

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089334.D
 Acq On : 27 Jul 2016 17:51
 Operator : UM/SJ
 Sample : PB92421BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Manual Integrations

sohil
 7/28/2016 4:56:13 PM

Quant Time: Jul 28 01:09:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	45660	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	198647	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	96186	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	183053	20.00	ng	0.00
75) Chrysene-d12	13.67	240	137683	20.00	ng	0.00
86) Perylene-d12	15.01	264	111027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	372062	130.11	ng	0.02
7) Phenol-d6	6.20	99	501815	132.79	ng	0.00
23) Nitrobenzene-d5	7.12	82	325145	96.61	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	105733	132.73	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	628432	95.88	ng	0.00
78) Terphenyl-d14	12.63	244	515175	87.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	47429	36.28	ng	# 95
3) Pyridine	2.65	79	103272	36.91	ng	98
4) n-Nitrosodimethylamine	2.63	42	47038	41.99	ng	98
6) Aniline	6.22	93	117379	28.77	ng	# 37
8) 2-Chlorophenol	6.33	128	146802	45.38	ng	94
9) Benzaldehyde	6.09	77	16930	9.17	ng	88
10) Phenol	6.22	94	177090	42.47	ng	86
11) bis(2-Chloroethyl)ether	6.30	93	145637	41.10	ng	99
12) 1,3-Dichlorobenzene	6.48	146	147502	43.59	ng	99
13) 1,4-Dichlorobenzene	6.56	146	157866	42.28	ng	99
14) 1,2-Dichlorobenzene	6.71	146	141215m	40.37	ng	
15) Benzyl Alcohol	6.71	79	122600	52.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	160363	41.49	ng	84
17) 2-Methylphenol	6.83	107	112062	44.82	ng	96
18) Hexachloroethane	7.05	117	60816	42.48	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	107993	47.39	ng	98
20) 3+4-Methylphenols	6.99	107	146527	45.64	ng	87
22) Acetophenone	6.97	105	211872	44.80	ng	99
24) Nitrobenzene	7.14	77	145796	38.06	ng	98
25) Isophorone	7.38	82	289828	42.75	ng	99
26) 2-Nitrophenol	7.45	139	71808	41.93	ng	# 78
27) 2,4-Dimethylphenol	7.51	122	121243	44.44	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	180391	48.07	ng	99
29) 2,4-Dichlorophenol	7.70	162	123267	49.59	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	121910	42.98	ng	100
31) Naphthalene	7.85	128	444244	45.16	ng	99
32) Benzoic acid	7.68	122	72907	38.35	ng	94
33) 4-Chloroaniline	7.92	127	68267	18.23	ng	96
34) Hexachlorobutadiene	7.98	225	68878	42.40	ng	98
35) Caprolactam	8.30	113	35649m	47.51	ng	
36) 4-Chloro-3-methylphenol	8.42	107	140744	47.64	ng	95
37) 2-Methylnaphthalene	8.55	142	271838	45.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	114741	34.09	ng	99
40) Hexachlorocyclopentadiene	8.70	237	93142	95.17	ng	97

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	73029	45.63	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	88792	43.80	nq #	92
45) 1,1'-Biphenyl	9.00	154	327371	39.97	nq	99
46) 2-Chloronaphthalene	9.03	162	260824	42.41	nq	100
47) 2-Nitroaniline	9.14	65	83861	46.04	nq	99
48) Acenaphthylene	9.44	152	423981	43.76	nq	99
49) Dimethylphthalate	9.32	163	330372	45.13	nq	100
50) 2,6-Dinitrotoluene	9.38	165	71270	47.38	nq	87
51) Acenaphthene	9.61	154	251375	44.43	nq	99
52) 3-Nitroaniline	9.55	138	38519	24.27	nq	94
53) 2,4-Dinitrophenol	9.67	184	55706	79.94	nq	86
54) Dibenzofuran	9.78	168	362136	46.98	nq	97
55) 4-Nitrophenol	9.74	139	71378m	91.38	nq	
56) 2,4-Dinitrotoluene	9.79	165	89070	44.98	nq #	65
57) Fluorene	10.12	166	308779	45.88	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	70016	51.73	nq	93
59) Diethylphthalate	10.02	149	341561	46.02	nq	96
60) 4-Chlorophenyl-phenylether	10.12	204	132715	43.00	nq	100
61) 4-Nitroaniline	10.17	138	67705	41.38	nq	92
62) Azobenzene	10.28	77	357876	46.82	nq	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	45376	41.70	nq #	59
65) n-Nitrosodiphenylamine	10.25	169	257447	45.07	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	80713	46.18	nq #	91
67) Hexachlorobenzene	10.66	284	74739	41.73	nq	92
68) Atrazine	10.78	200	75812	43.21	nq	97
69) Pentachlorophenol	10.87	266	75672	86.66	nq	100
70) Phenanthrene	11.07	178	430368	45.59	nq	100
71) Anthracene	11.13	178	456635	43.50	nq	99
72) Carbazole	11.29	167	415497	47.02	nq	99
73) Di-n-butylphthalate	11.62	149	498202	42.03	nq	99
74) Fluoranthene	12.25	202	461967	46.52	nq	98
76) Benzidine	12.39	184	137089	26.95	nq	96
77) Pyrene	12.48	202	458729	43.96	nq	99
79) Butylbenzylphthalate	13.11	149	213505	45.00	nq	93
80) Benzo(a)anthracene	13.66	228	340179	43.78	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	70358	25.16	nq	98
82) Chrysene	13.69	228	343342	41.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	295930	43.15	nq	99
84) Di-n-octyl phthalate	14.29	149	503281	47.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	257035	43.71	nq	99
87) Benzo(b)fluoranthene	14.65	252	268674m	38.97	nq	
88) Benzo(k)fluoranthene	14.67	252	317070m	50.02	nq	
89) Benzo(a)pyrene	14.96	252	276046	44.63	nq #	94
90) Dibenzo(a,h)anthracene	16.22	278	216312	44.39	nq	96
91) Benzo(g,h,i)perylene	16.56	276	211975	44.26	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

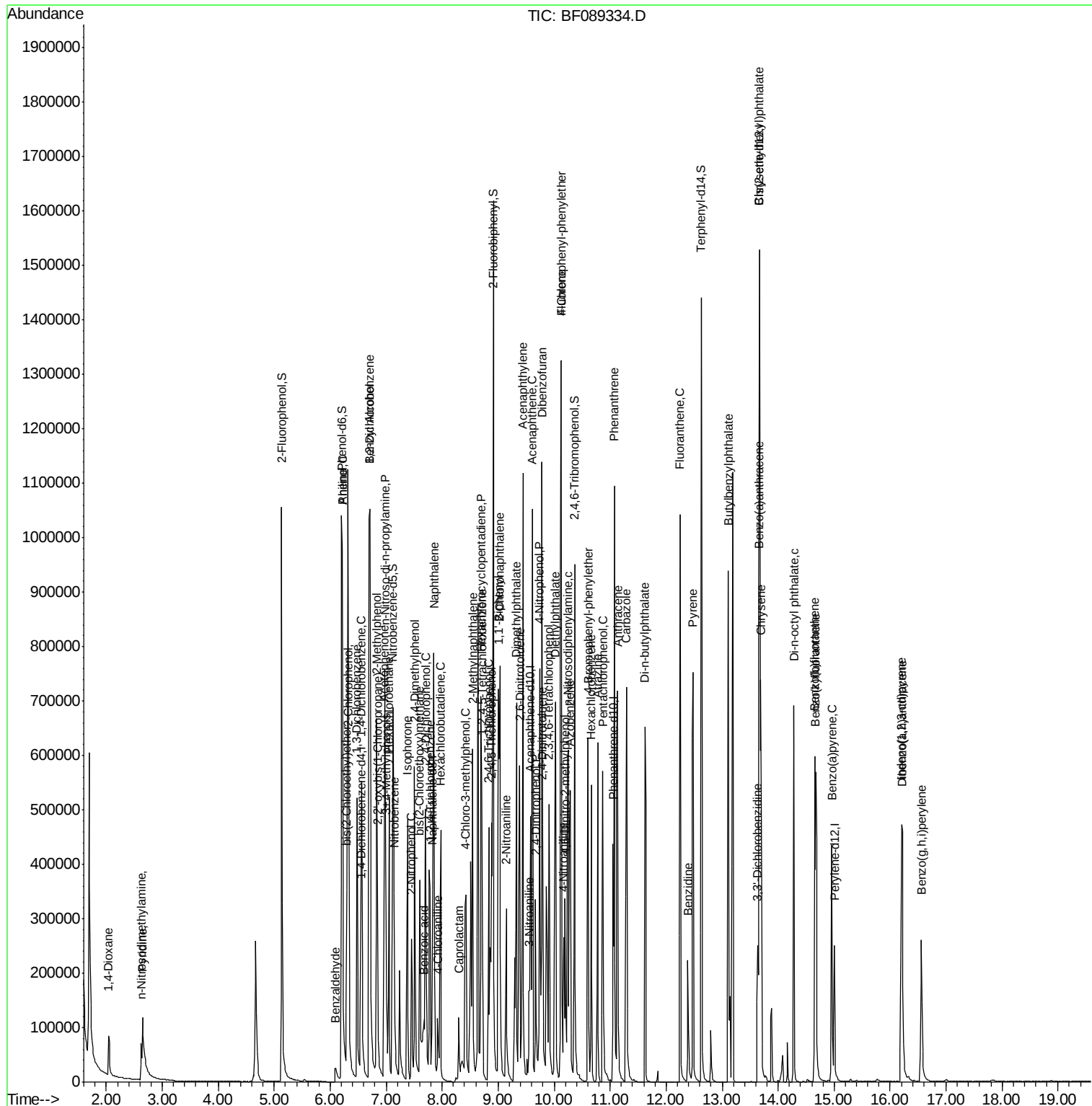
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\  
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Acq On    : 27 Jul 2016 17:51  
Operator  : UM/SJ  
Sample    : PB92421BS  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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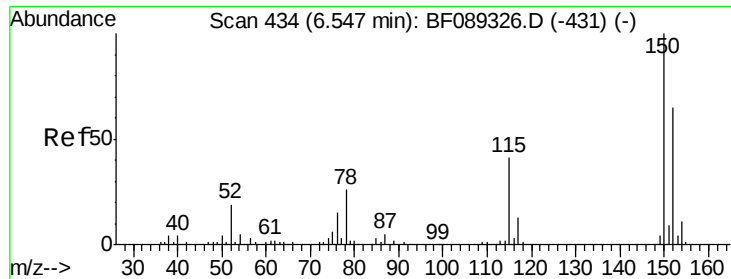
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:152 Resp: 45660

Ion Ratio Lower Upper

152 100

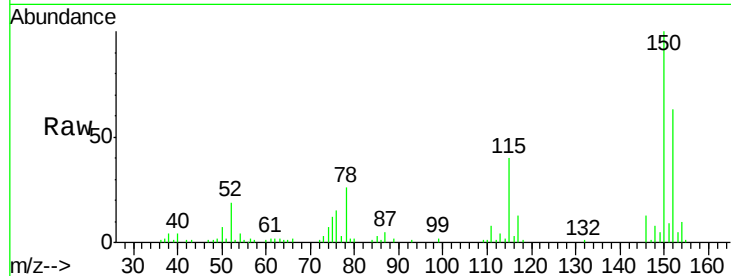
150 159.8 129.5 194.3

115 63.6 51.4 77.2

Manual Integrations

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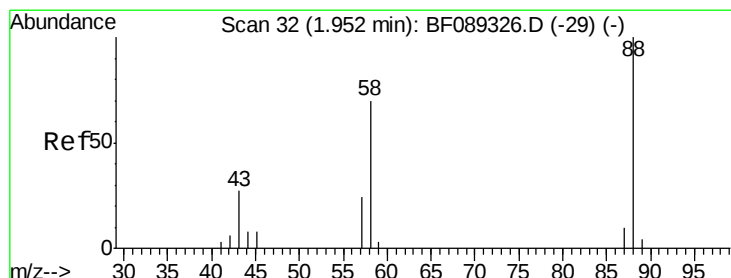
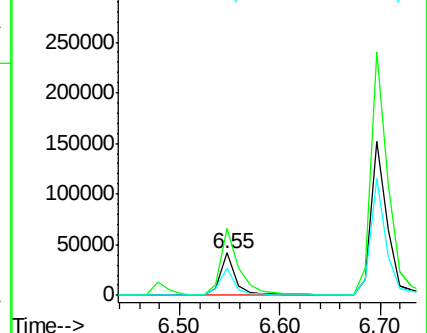
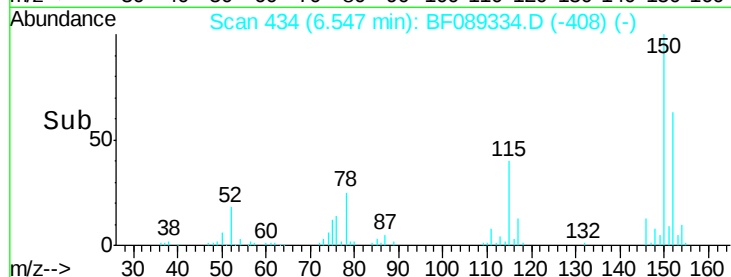
7/28/2016 4:56:13 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.28 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.09 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

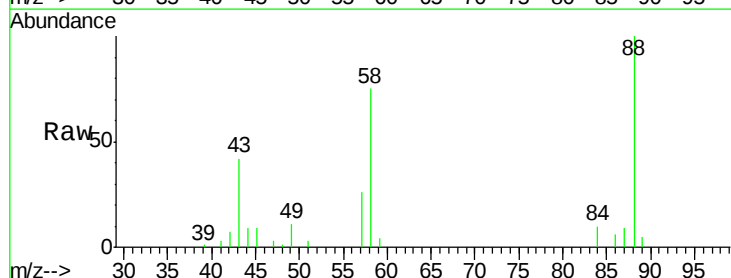
Tgt Ion: 88 Resp: 47429

Ion Ratio Lower Upper

88 100

58 65.5 53.2 79.8

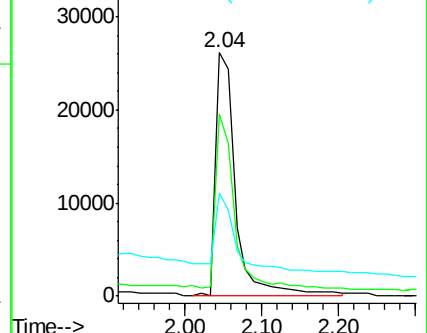
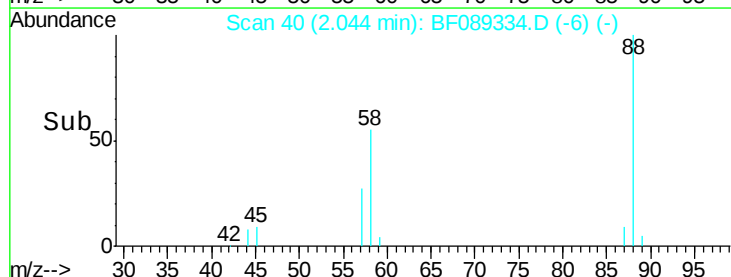
43 33.3 20.6 31.0#

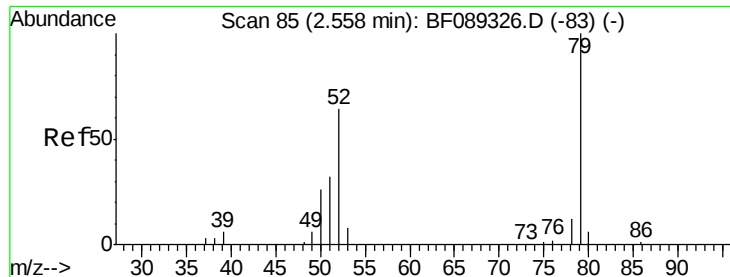


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.91 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion: 79 Resp: 103272

Ion Ratio Lower Upper

79 100

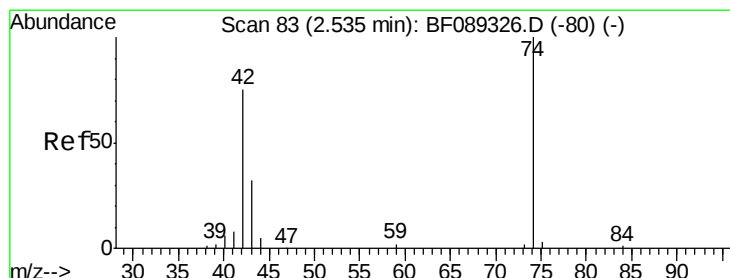
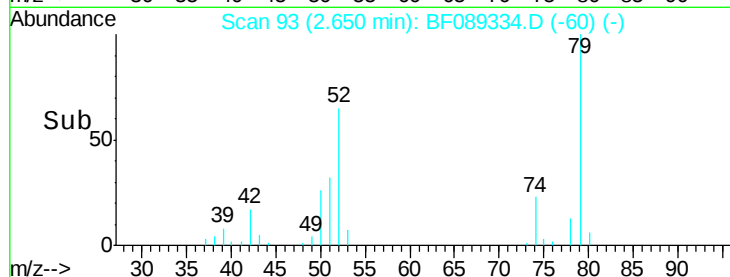
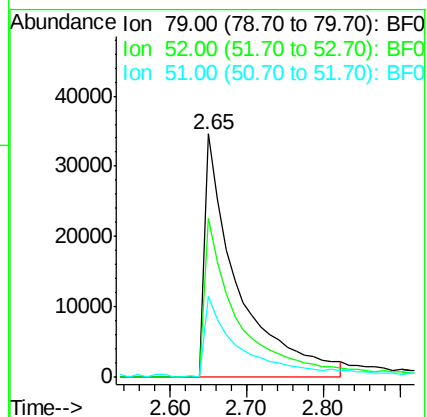
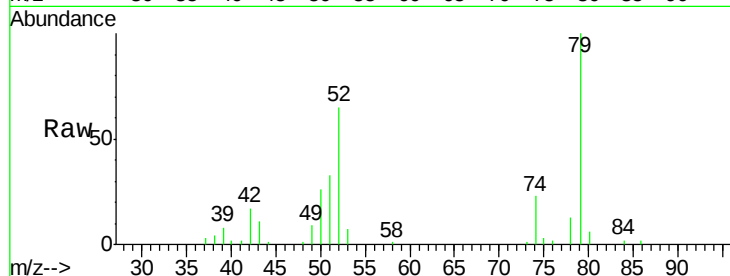
52 65.4 51.9 77.9

51 33.2 28.2 42.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.99 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.09 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

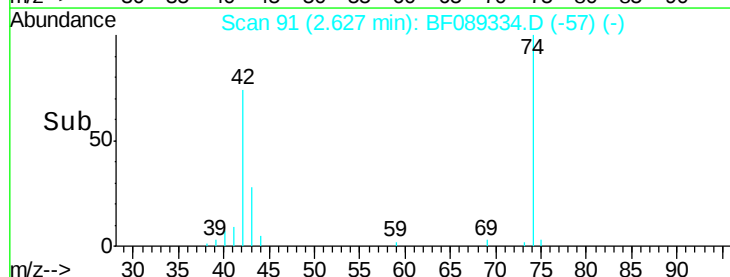
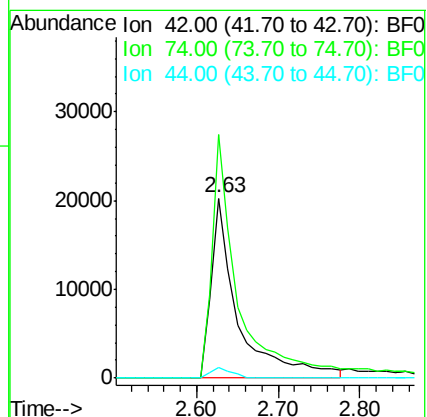
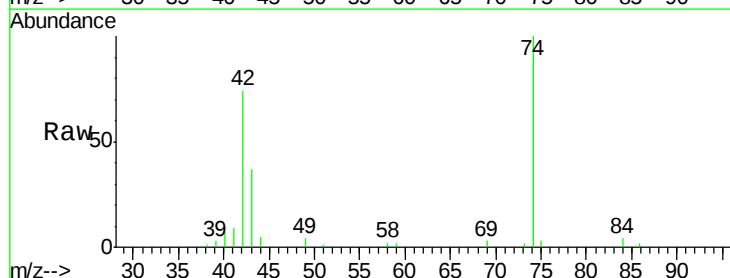
Tgt Ion: 42 Resp: 47038

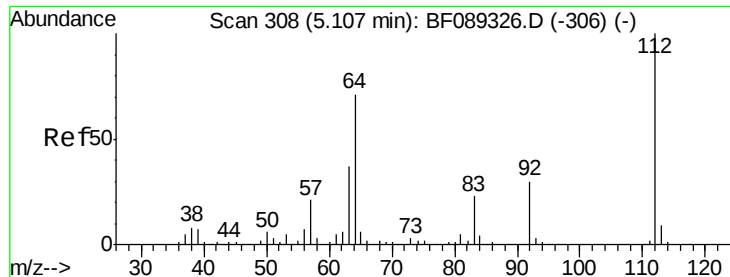
Ion Ratio Lower Upper

42 100

74 135.4 110.8 166.2

44 6.2 5.2 7.8





#5

2-Fluorophenol

Concen: 130.11 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

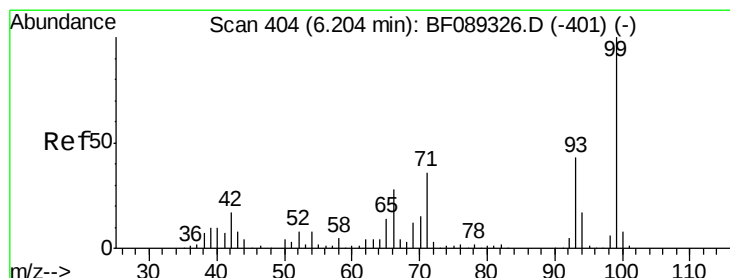
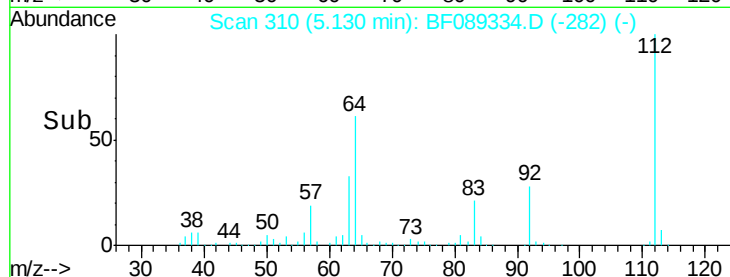
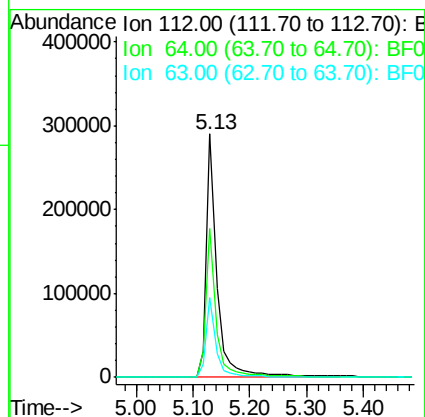
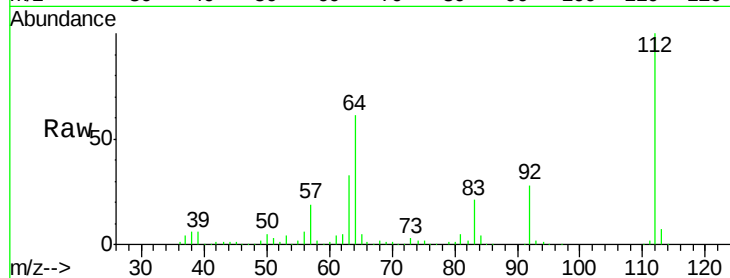
PB92421BS

Tot Ion:	112	Resp:	372062
Ion Ratio	Lower	Upper	
112	100		
64	61.2	55.0	82.6
63	32.7	29.4	44.2

Manual Integrations

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#6

Aniline

Concen: 28.77 ng

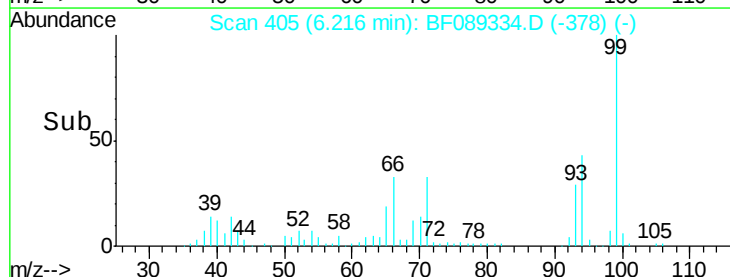
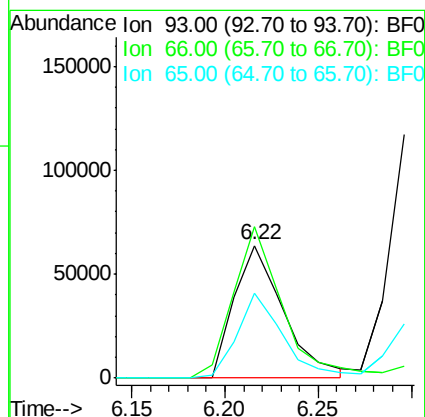
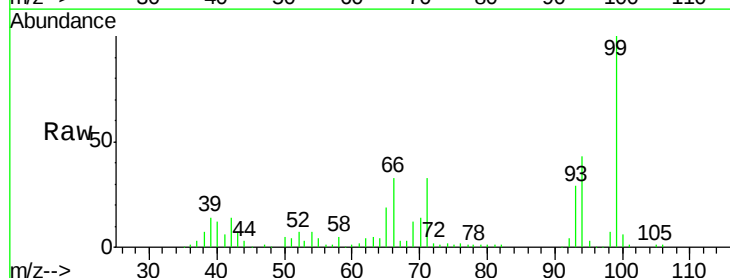
RT: 6.22 min Scan# 405

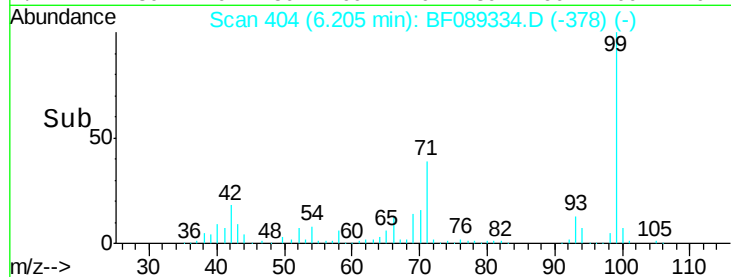
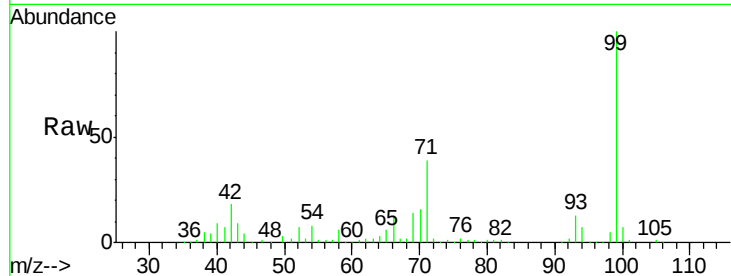
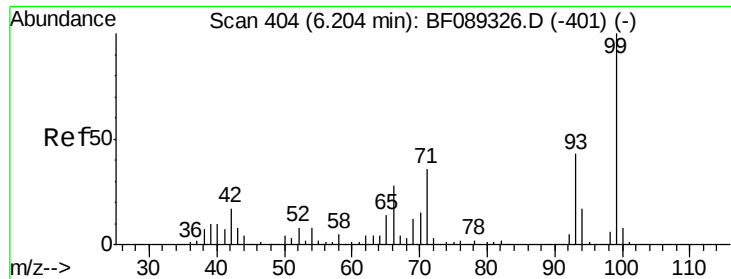
Delta R.T. 0.01 min

Lab File: BF089334.D

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Tgt Ion:	93	Resp:	117379
Ion Ratio	Lower	Upper	
93	100		
66	114.4	51.6	77.4#
65	64.1	24.7	37.1#





#7

Phenol-d6

Concen: 132.79 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Tot Ion:	99	Resp:	501815
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.6	20.4
71	38.8	29.4	44.2

Instrument :

BNA_F

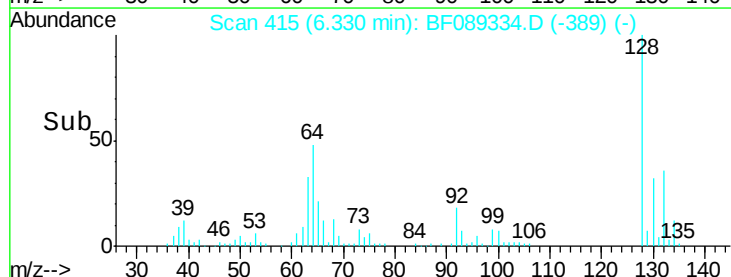
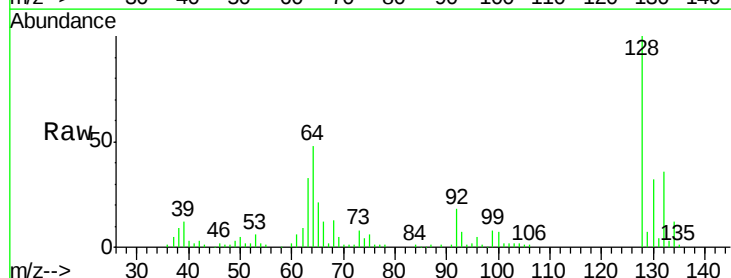
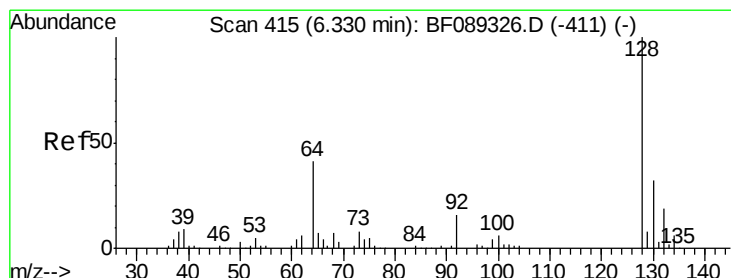
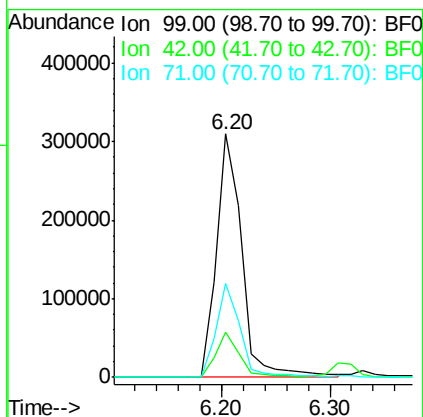
ClientSampleId :

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#8

2-Chlorophenol

Concen: 45.38 ng

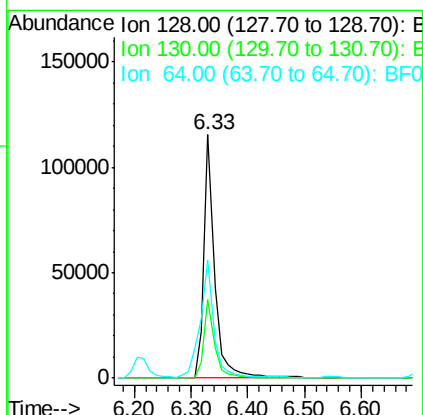
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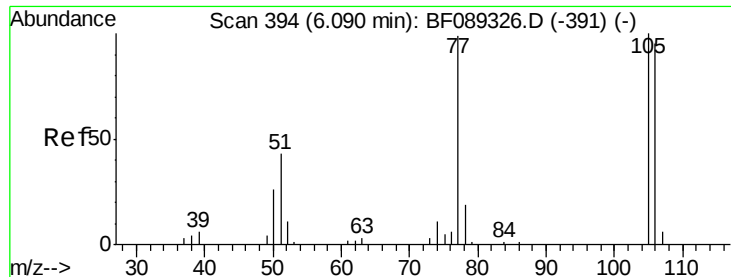
Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Tgt Ion:	128	Resp:	146802
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	48.4	22.1	62.1





#9

Benzaldehyde

Concen: 9.17 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion: 77 Resp: 16930

Ion Ratio Lower Upper

77 100

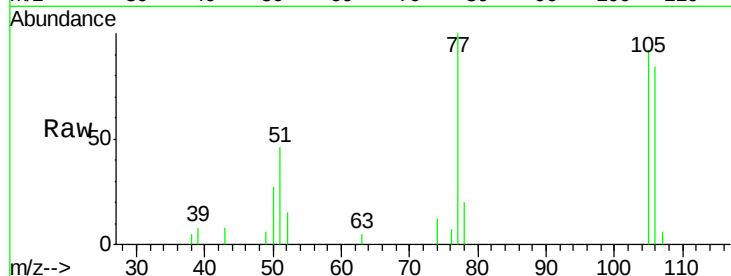
105 91.9 82.9 122.9

106 83.6 75.9 115.9

Manual Integrations

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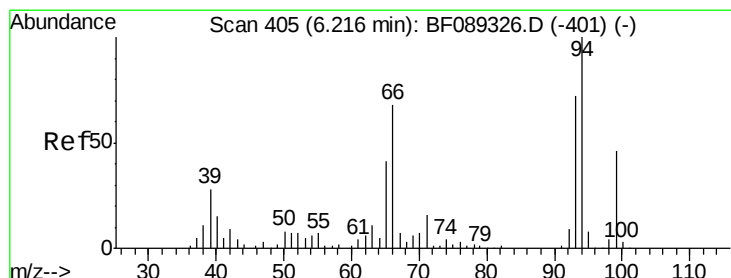
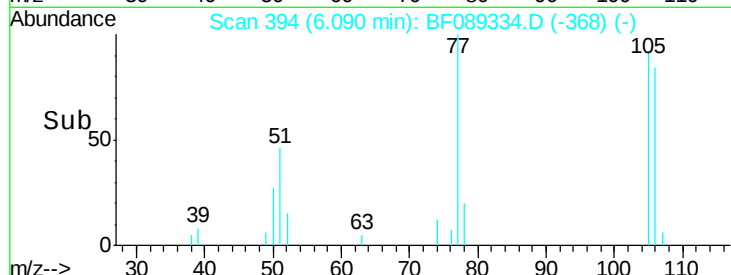
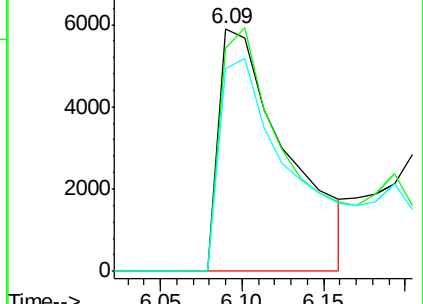
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.47 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

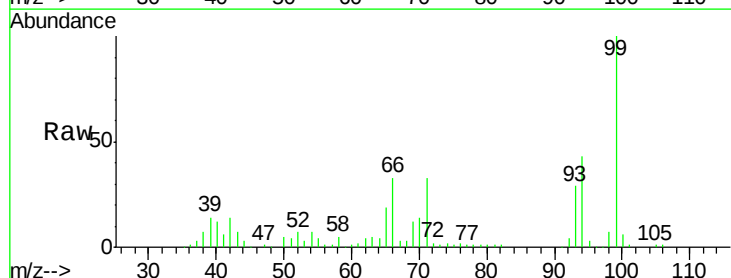
Tgt Ion: 94 Resp: 177090

Ion Ratio Lower Upper

94 100

65 43.9 19.1 59.1

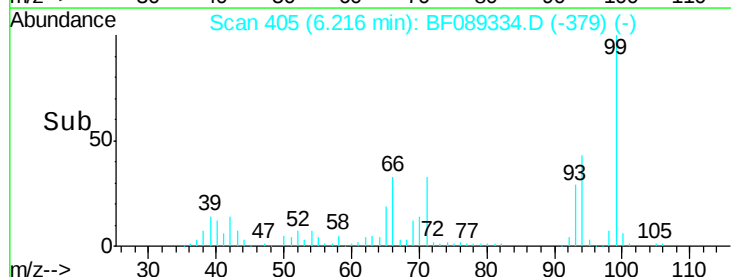
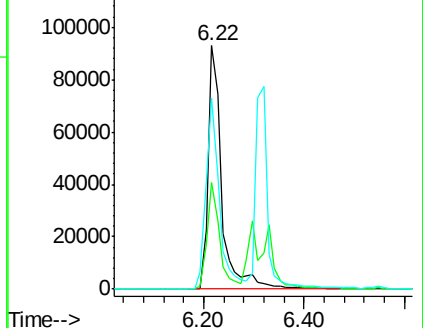
66 78.3 44.4 84.4

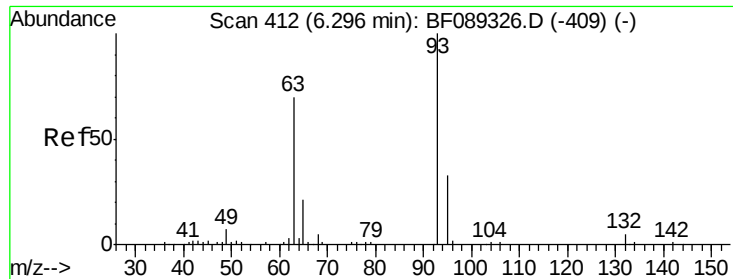


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





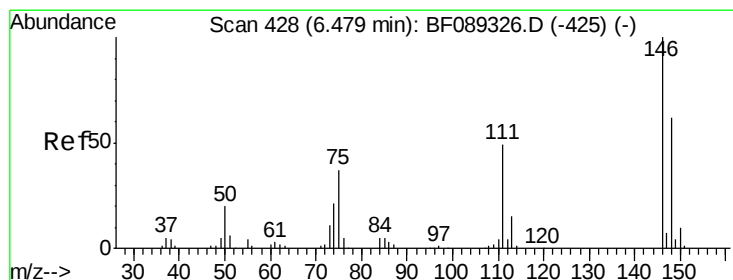
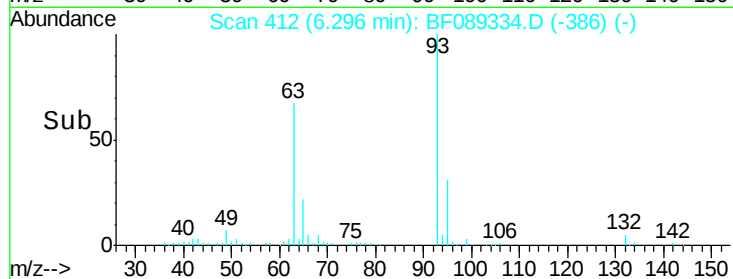
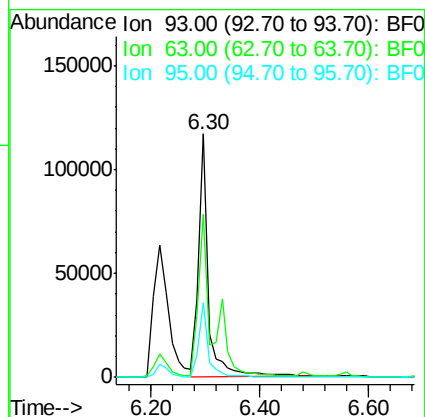
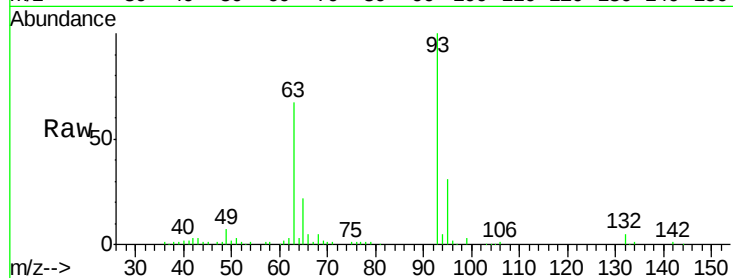
#11
bis(2-Chloroethyl)ether
Concen: 41.10 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.8	45.6	85.6
95	30.9	11.1	51.1

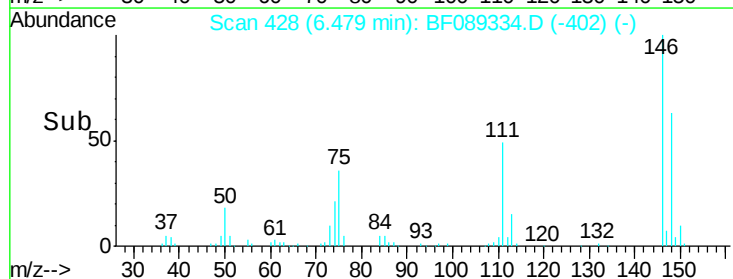
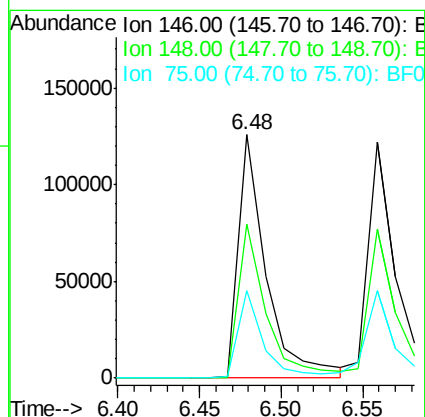
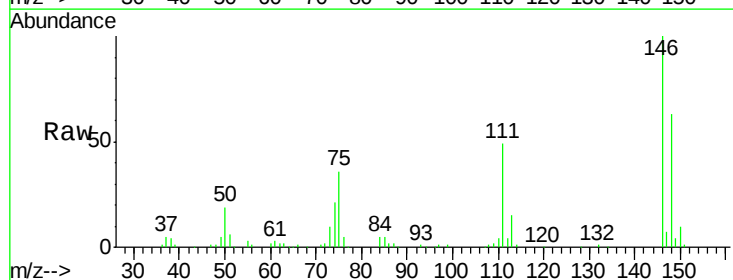
Manual Integrations

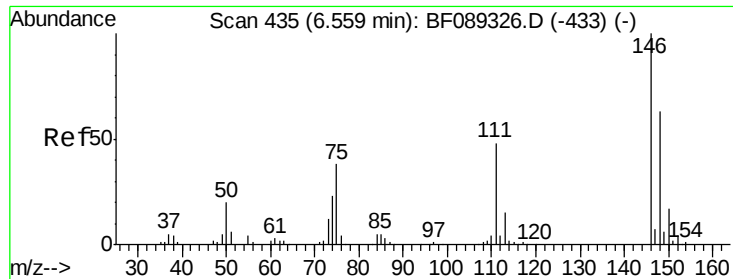
sohil
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#12
1,3-Dichlorobenzene
Concen: 43.59 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
75	36.1	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 42.28 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:146 Resp: 157866

Ion Ratio Lower Upper

146 100

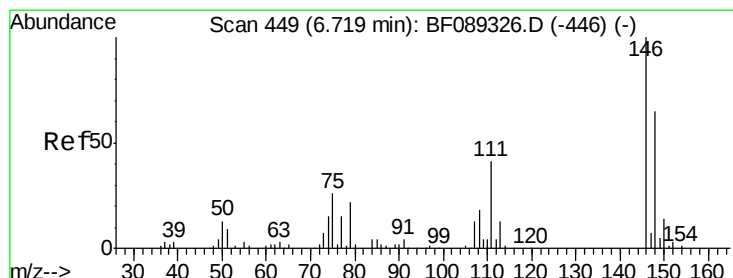
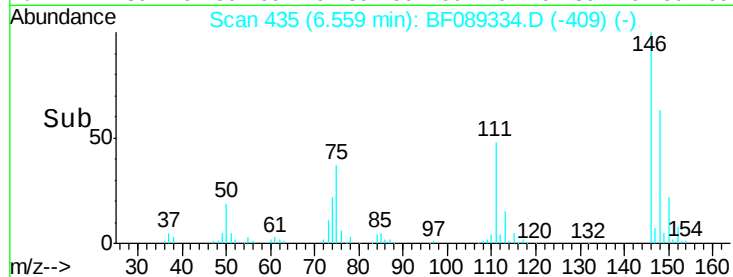
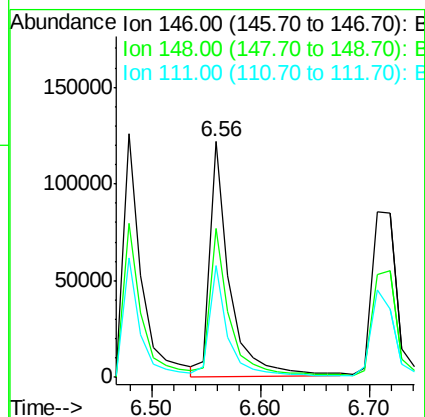
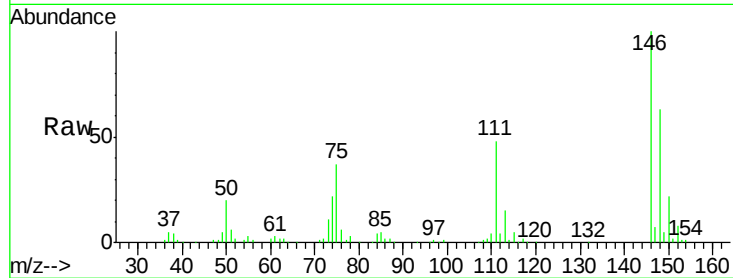
148 63.1 50.8 76.2

111 47.6 38.6 57.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 40.37 ng m

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

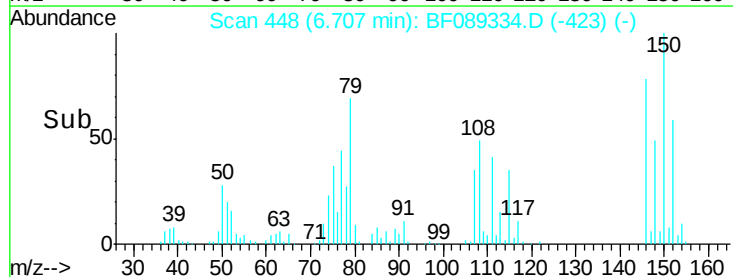
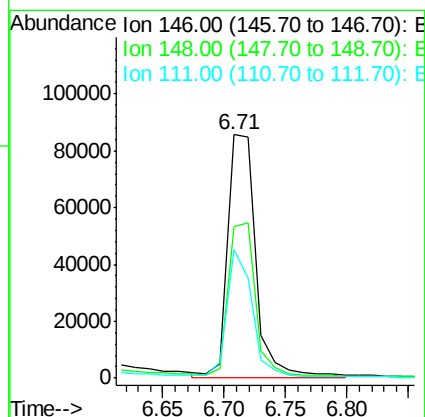
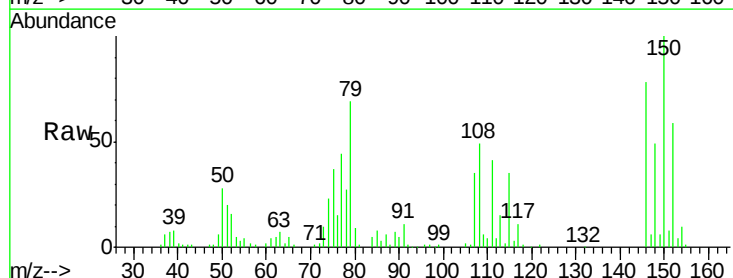
Tgt Ion:146 Resp: 141215

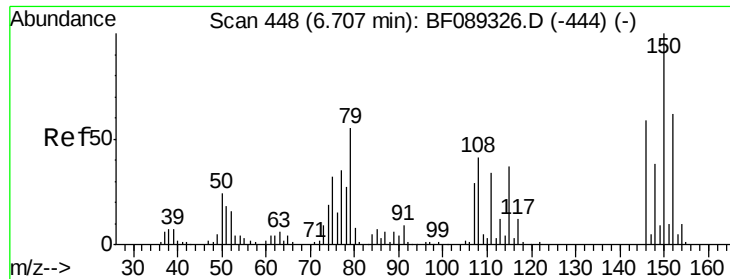
Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

111 52.5 33.0 49.4#





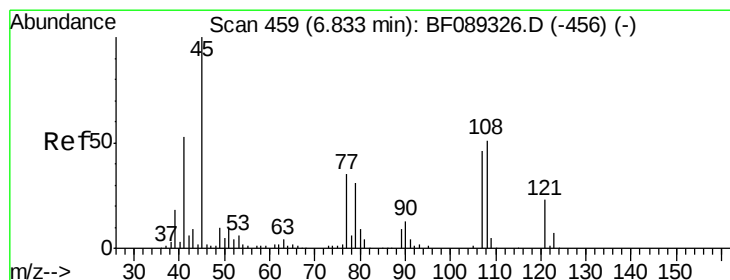
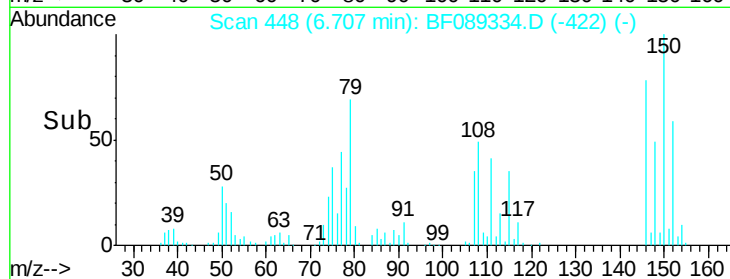
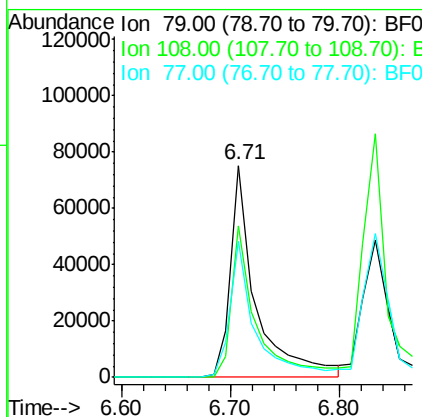
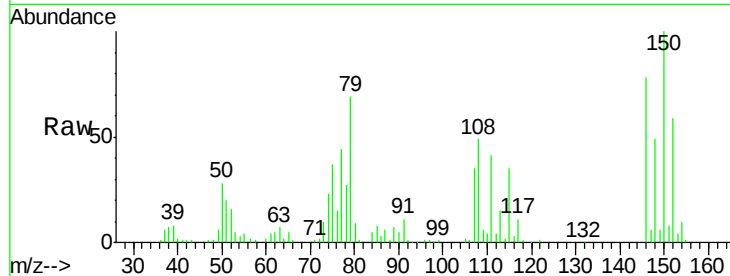
#15
Benzyl Alcohol
Concen: 52.28 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampled :
PB92421BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	59.8	89.6
77	64.3	51.7	77.5

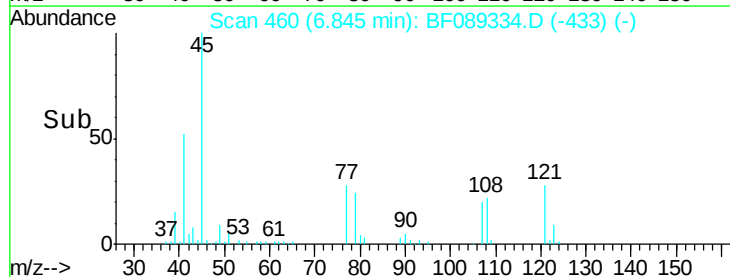
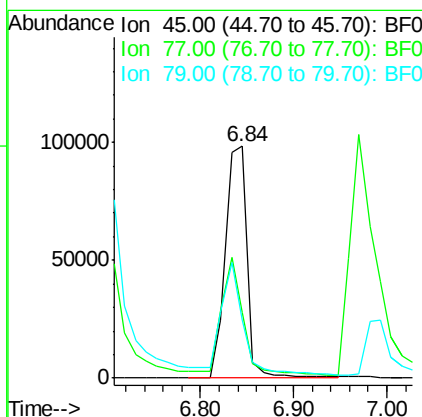
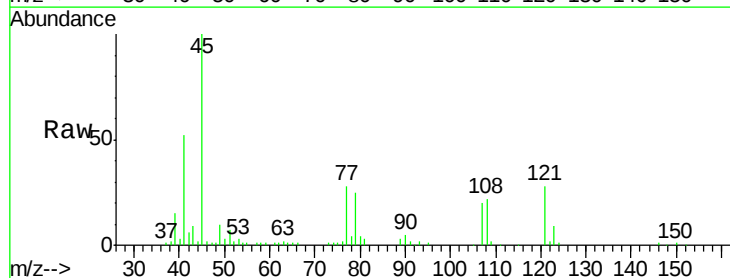
Manual Integrations

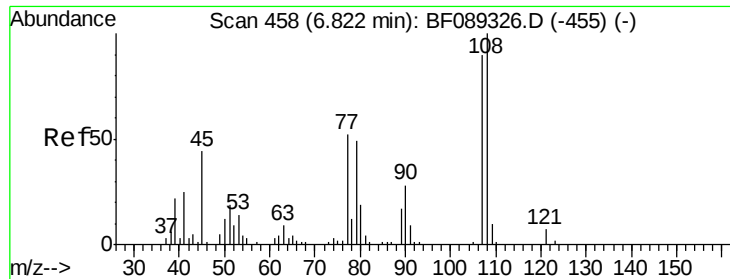
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.49 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.1	17.3	57.3
79	24.8	13.9	53.9





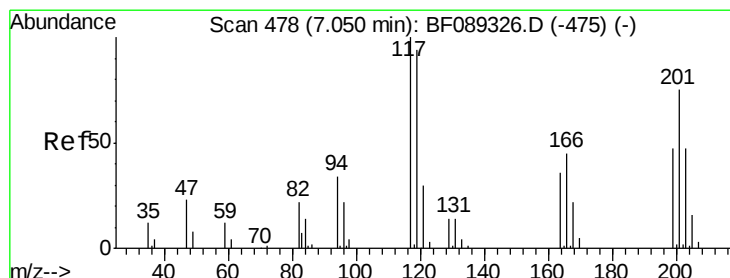
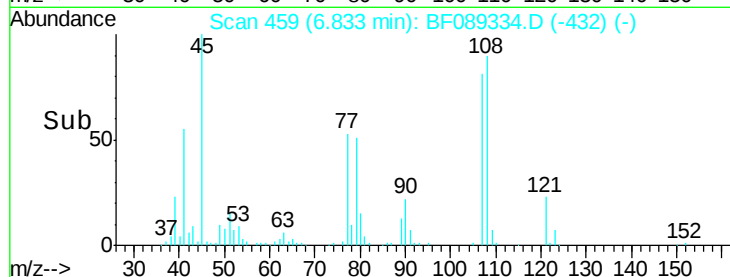
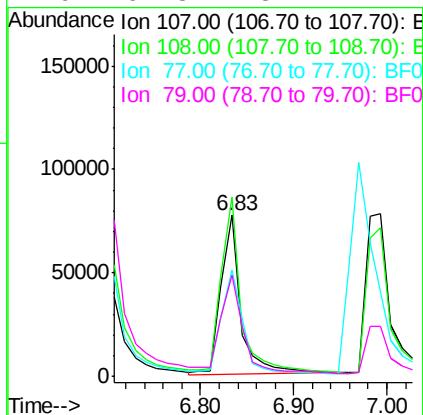
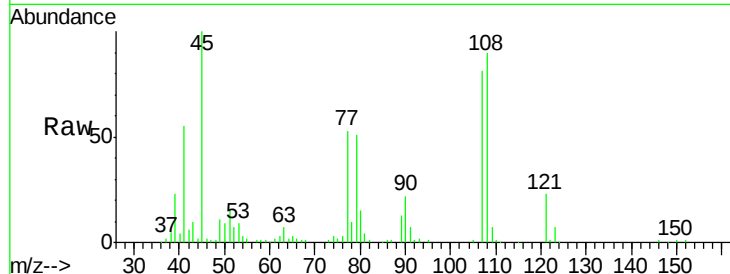
#17
2-Methylphenol
Concen: 44.82 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion:	107	Resp:	112062
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.4	137.0
77	65.8	48.6	73.0
79	62.8	48.2	72.4

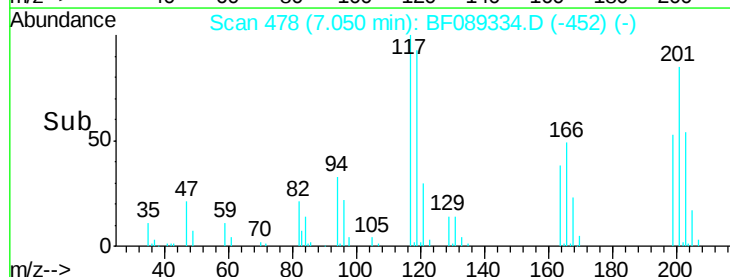
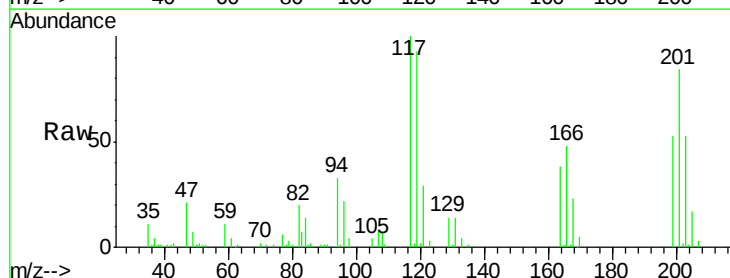
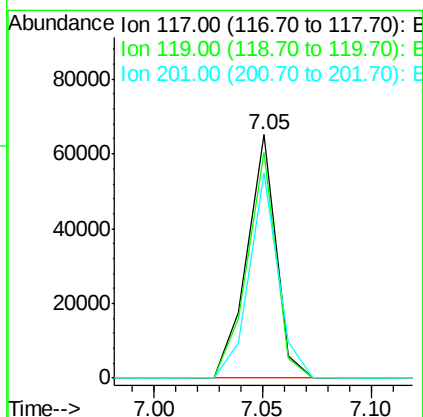
Manual Integrations

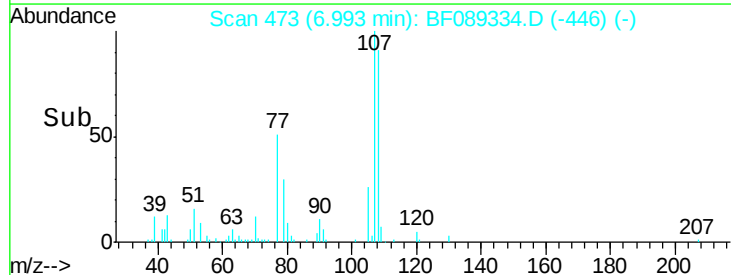
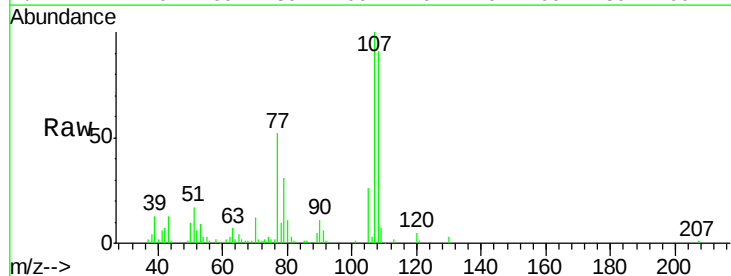
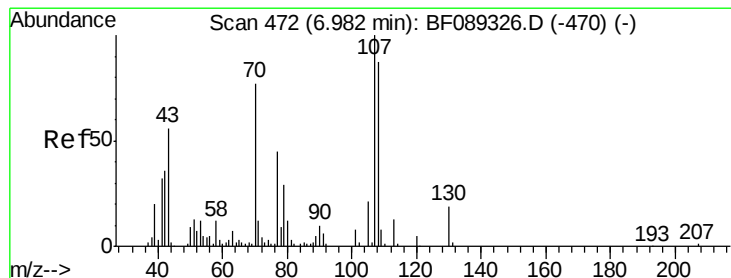
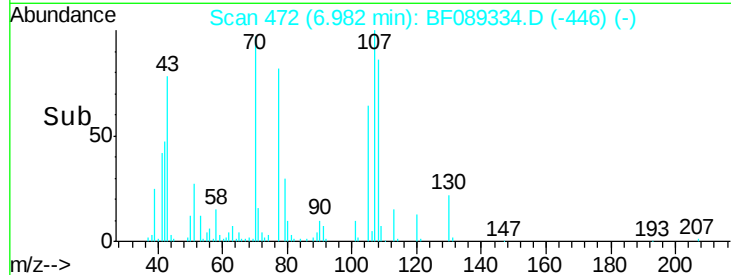
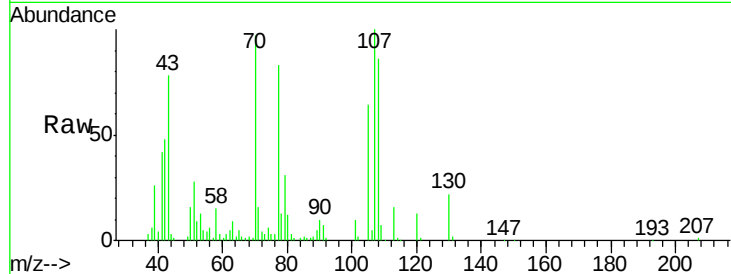
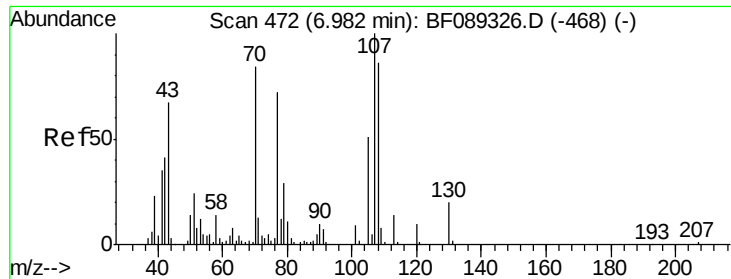
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#18
Hexachloroethane
Concen: 42.48 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

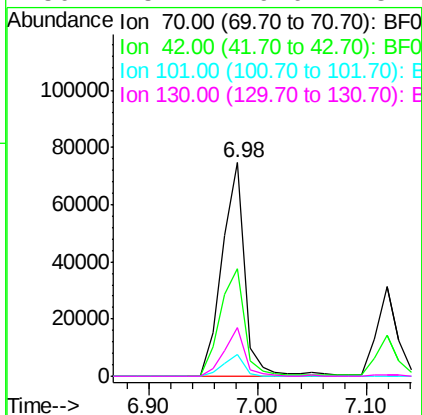
Tgt Ion:	117	Resp:	60816
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.0	114.0
201	84.2	60.0	90.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.39 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	38.6	57.8	
101	10.5	8.3	12.5	
130	23.1	19.0	28.4	



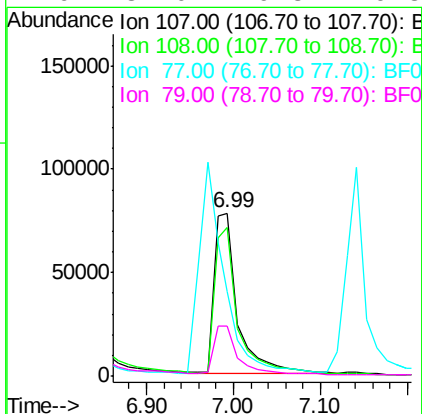
Instrument :
BNA_F
ClientSampleId :
PB92421BS

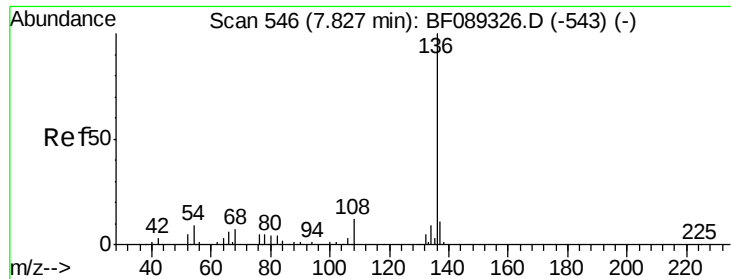
Manual Integrations

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#20
3+4-Methylphenols
Concen: 45.64 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	63.3	103.3	
77	52.3	51.1	91.1	
79	31.0	9.3	49.3	





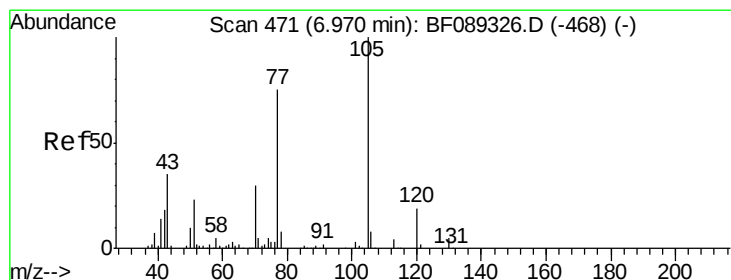
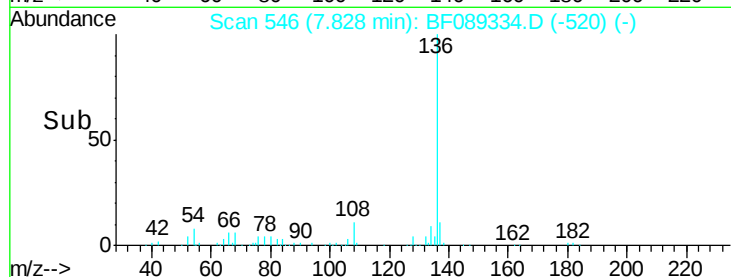
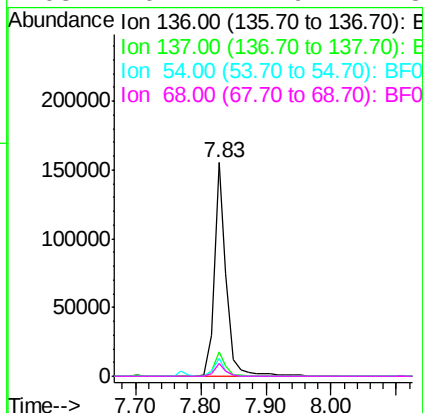
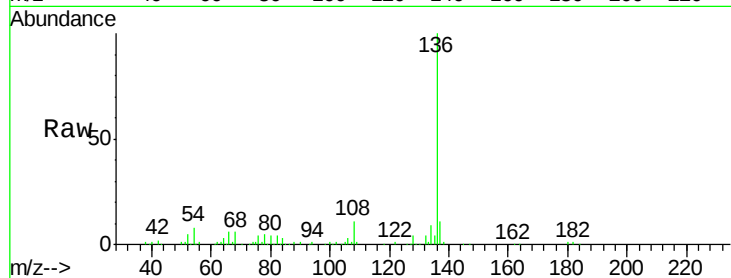
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	136	Resp	198647
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	8.2	7.0	10.4
68	6.1	4.9	7.3

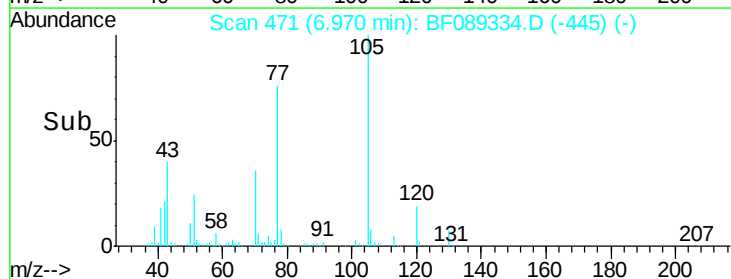
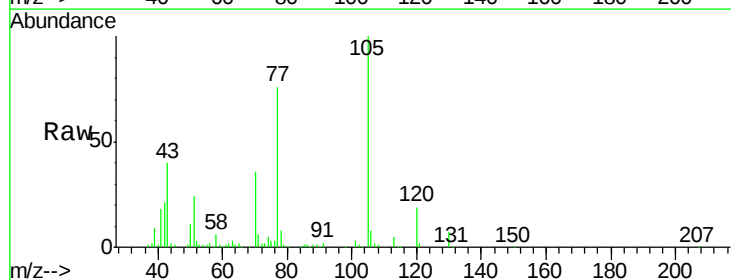
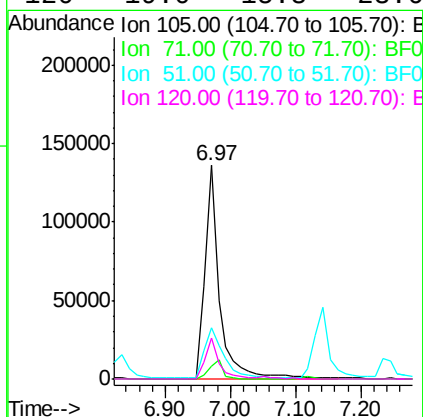
Manual Integrations

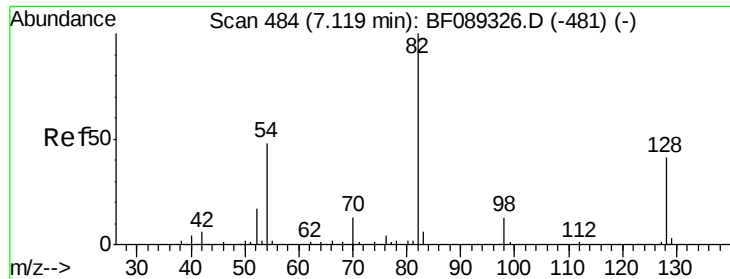
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#22
Acetophenone
Concen: 44.80 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	105	Resp	211872
Ion Ratio	Lower	Upper	
105	100		
71	6.2	4.2	6.2
51	23.7	18.7	28.1
120	19.0	15.8	23.6





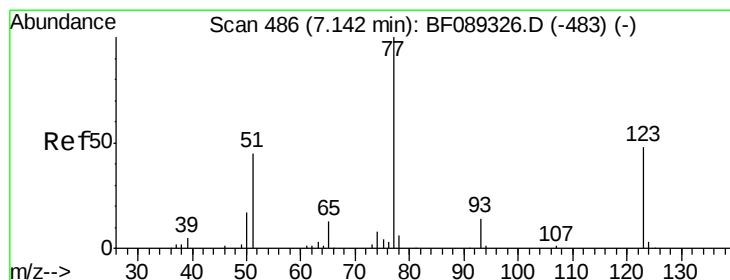
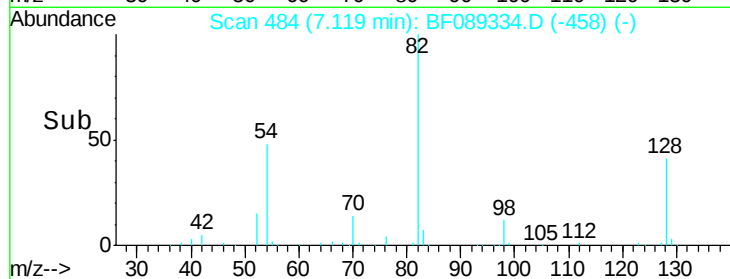
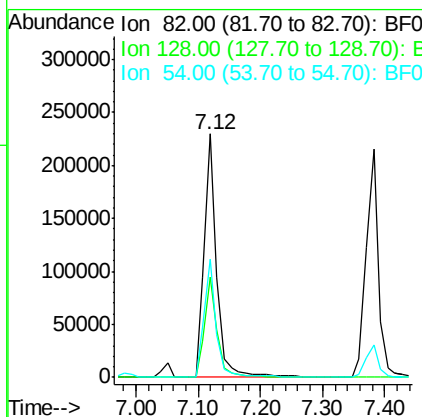
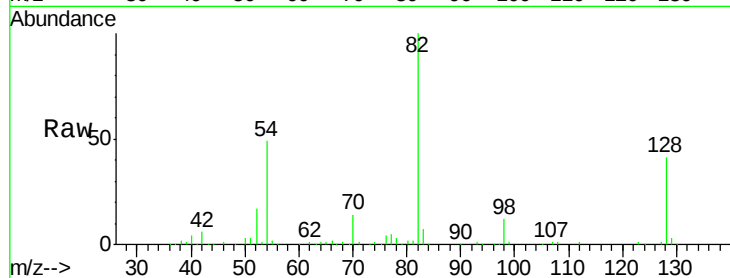
#23
Nitrobenzene-d5
Concen: 96.61 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.5	48.7
54	48.6	38.8	58.2

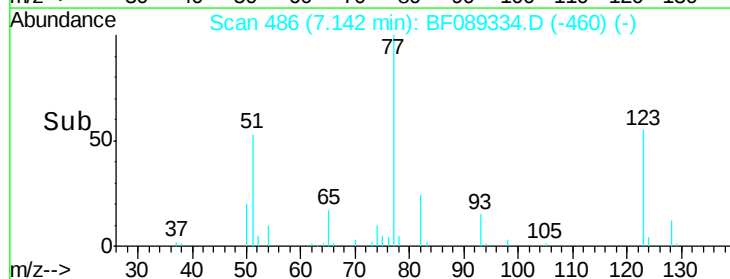
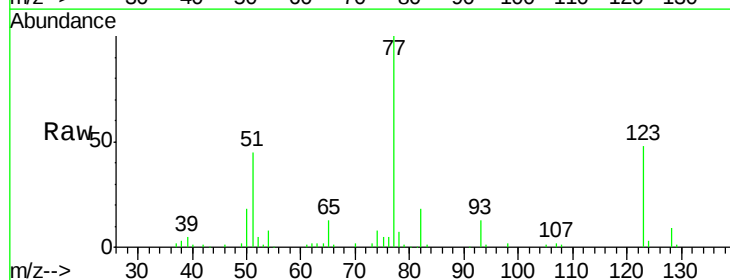
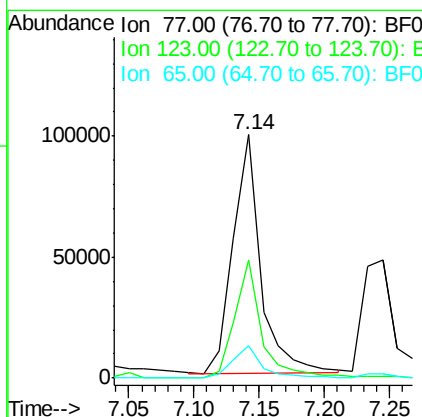
Manual Integrations

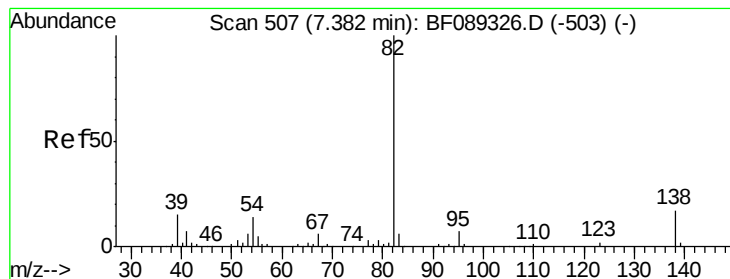
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#24
Nitrobenzene
Concen: 38.06 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.2	55.8
65	13.1	10.2	15.4





#25

Isophorone

Concen: 42.75 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

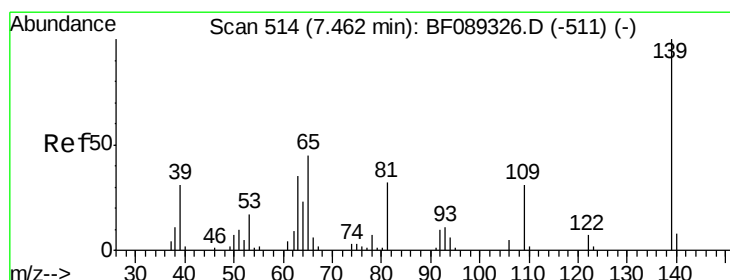
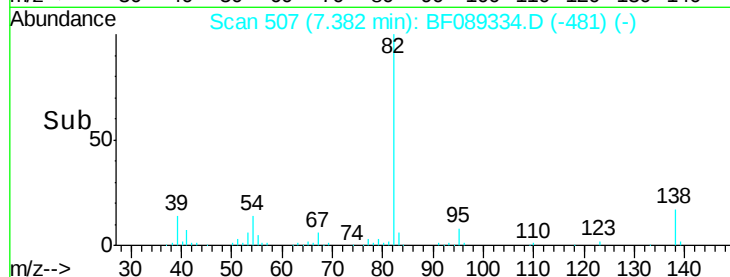
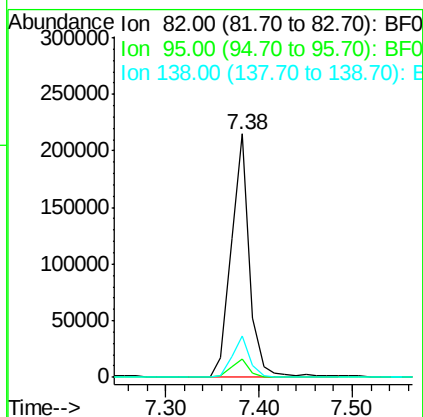
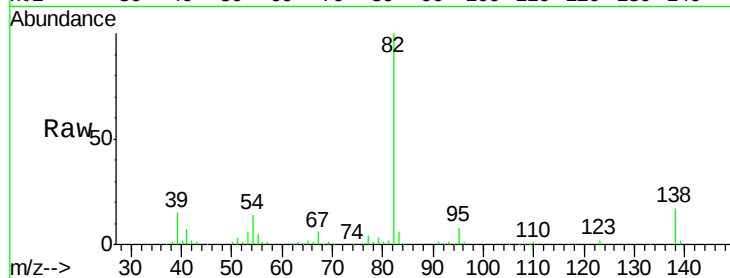
PB92421BS

Tot Ion:	82	Resp:	289828
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.0	9.0
138	17.2	13.3	19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.93 ng

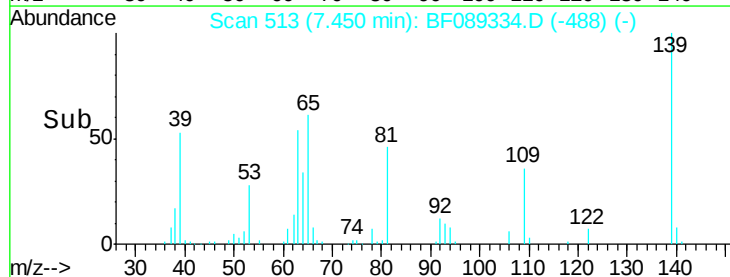
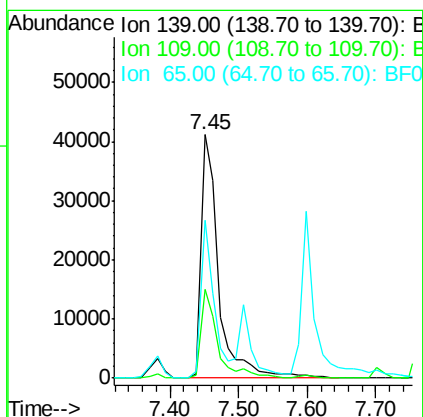
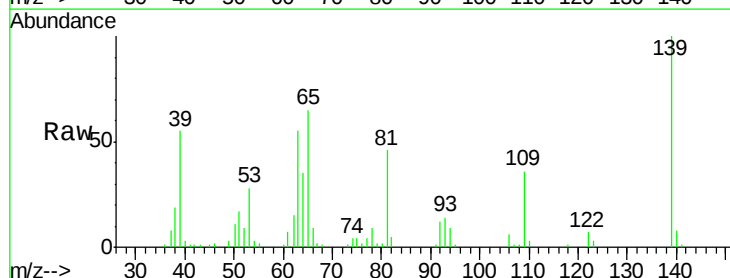
RT: 7.45 min Scan# 513

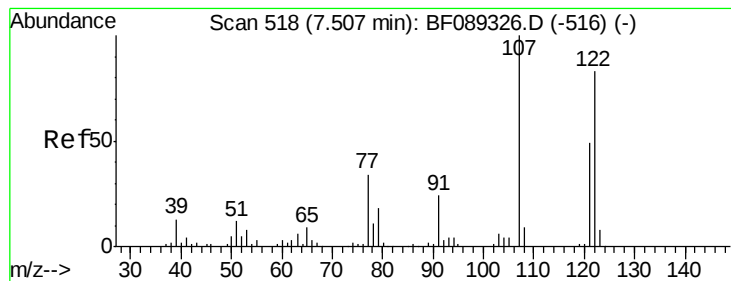
Delta R.T. -0.01 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Tgt Ion:	139	Resp:	71808
Ion Ratio	Lower	Upper	
139	100		
109	36.4	25.8	38.8
65	64.8	35.2	52.8#





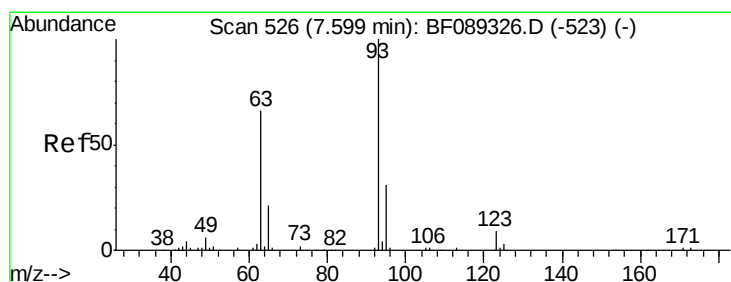
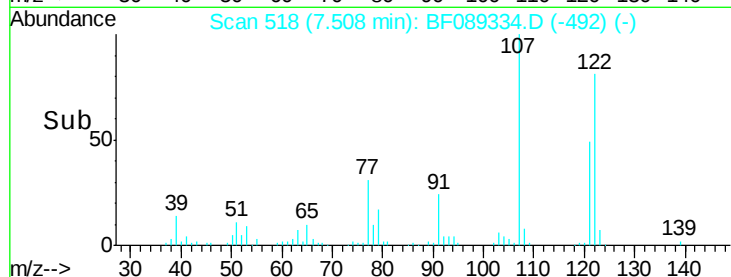
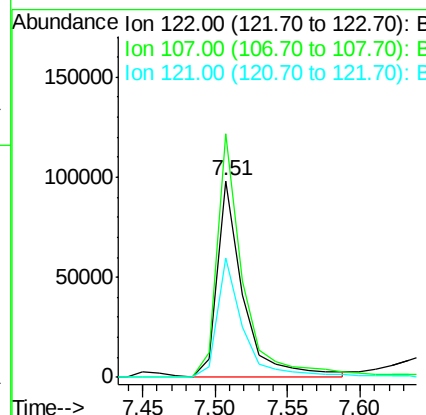
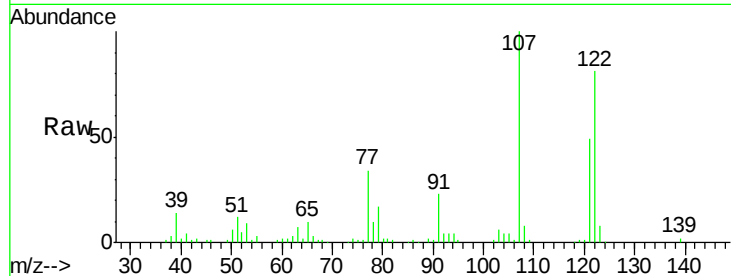
#27
 2,4-Dimethylphenol
 Concen: 44.44 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		121243		
107	124.0	97.2	145.8		
121	60.6	48.8	73.2		

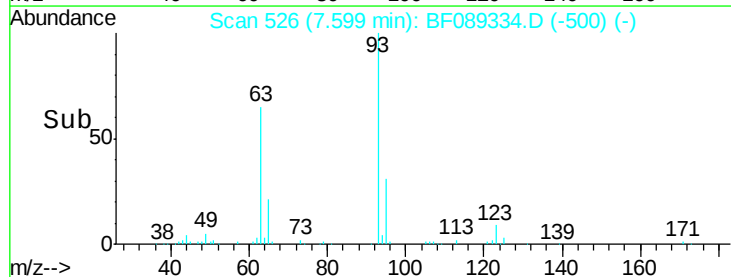
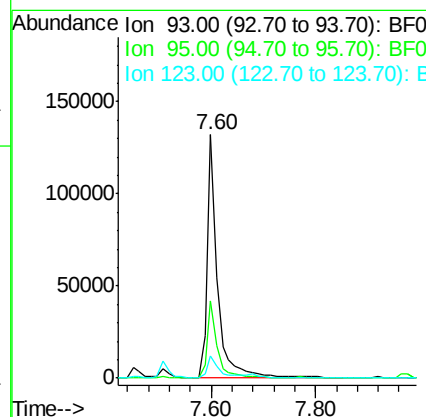
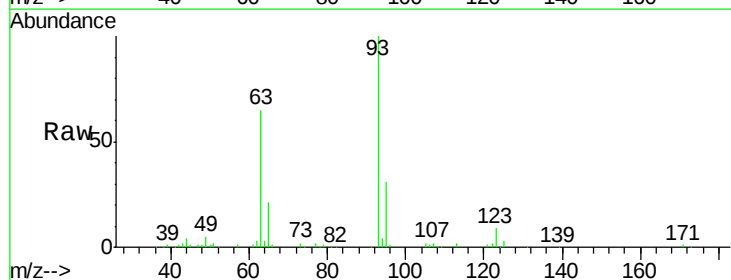
Manual Integrations

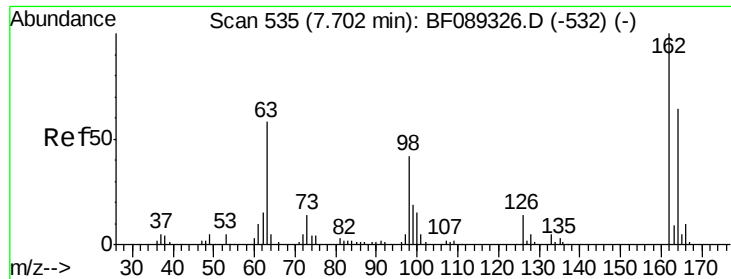
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.07 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		180391		
95	31.5	24.7	37.1		
123	9.1	7.5	11.3		





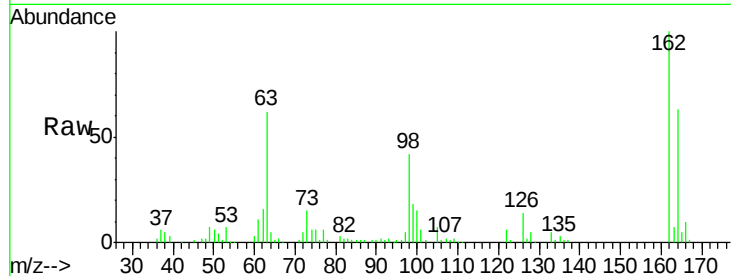
#29
 2,4-Dichlorophenol
 Concen: 49.59 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

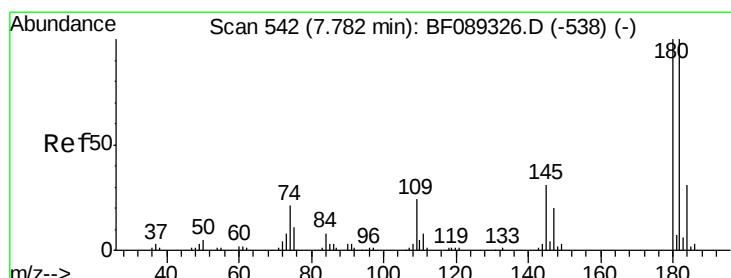
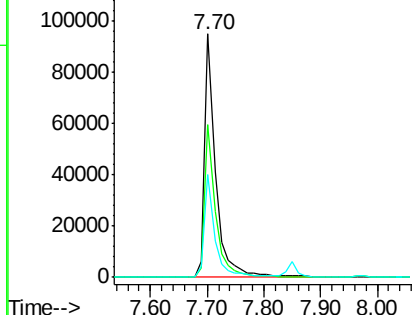
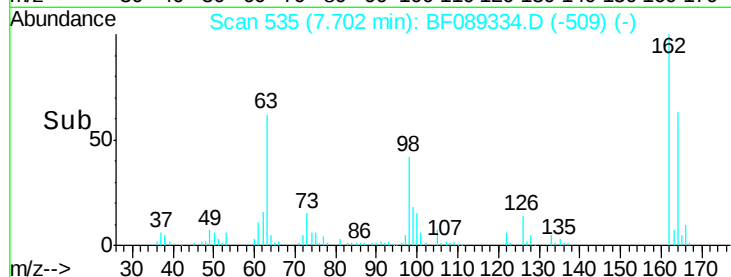
Tot Ion:	162	Resp:	123267
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.0	84.0
98	42.4	21.8	61.8

Manual Integrations

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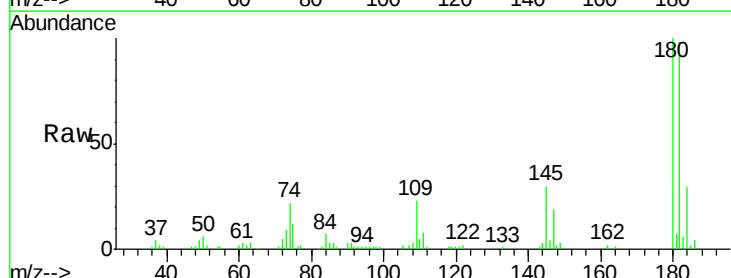


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

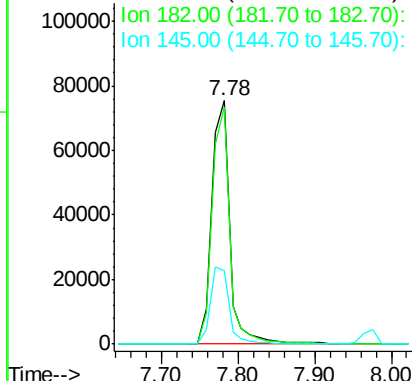
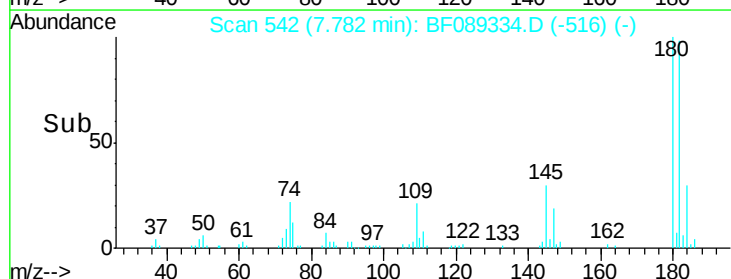


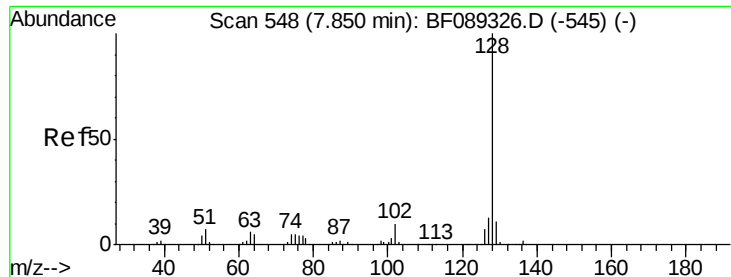
#30
 1,2,4-Trichlorobenzene
 Concen: 42.98 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion:	180	Resp:	121910
Ion Ratio	Lower	Upper	
180	100		
182	97.7	78.2	117.2
145	30.3	24.6	36.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.16 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

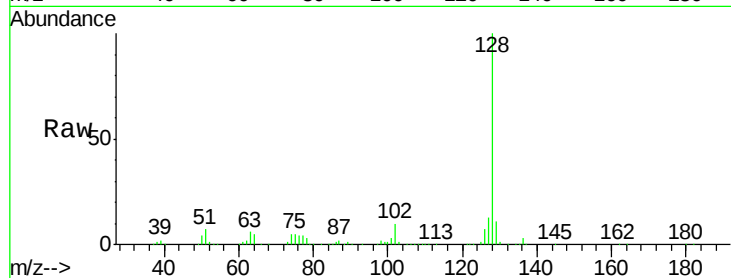
PB92421BS

Tot Ion:	128	Resp:	444244
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.3	10.8	16.2

Manual Integrations

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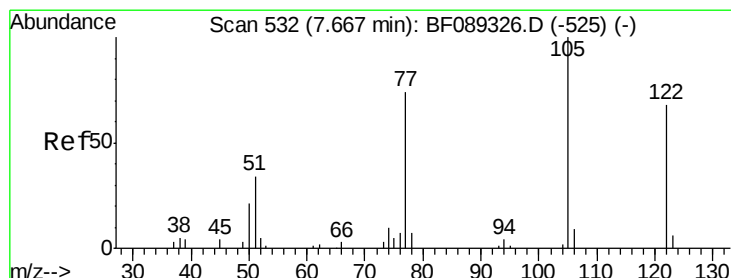
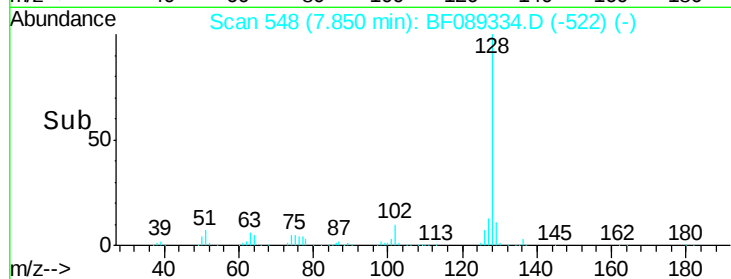
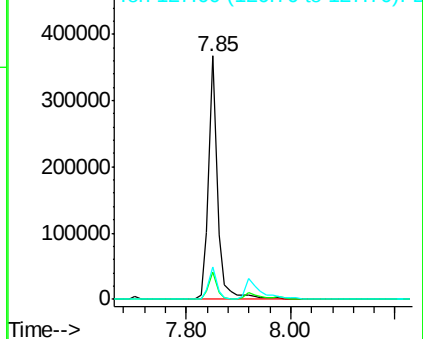
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.35 ng

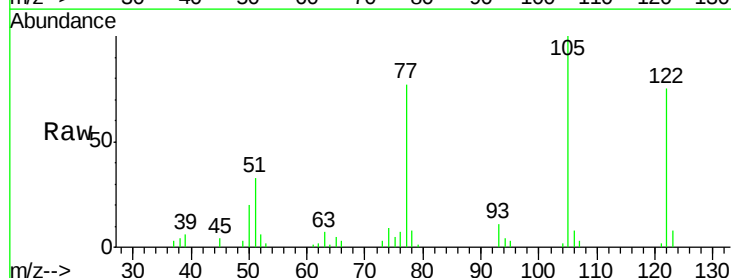
RT: 7.68 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

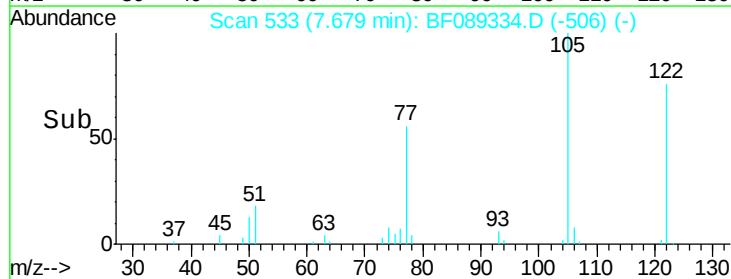
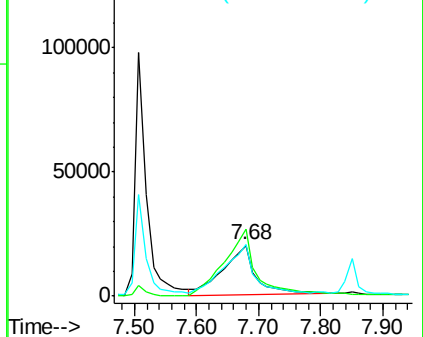
Tgt Ion:	122	Resp:	72907
Ion Ratio	Lower	Upper	
122	100		
105	133.0	106.4	146.4
77	102.0	76.4	116.4

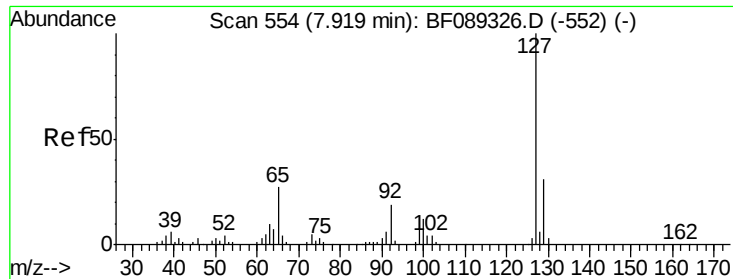


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





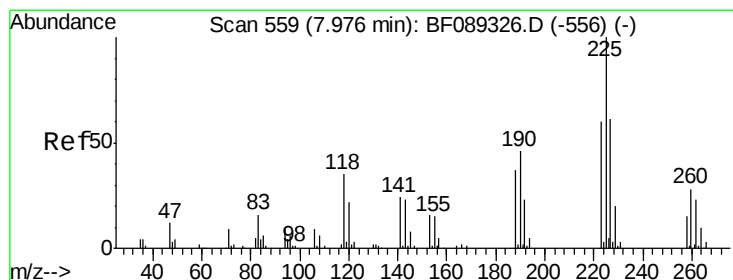
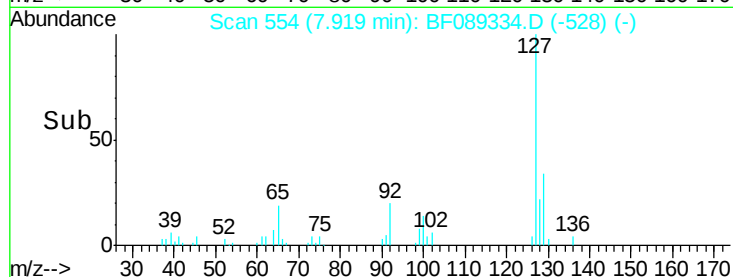
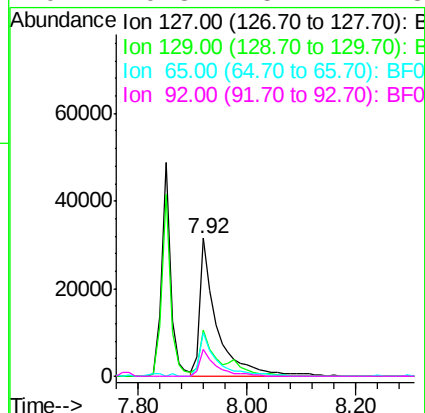
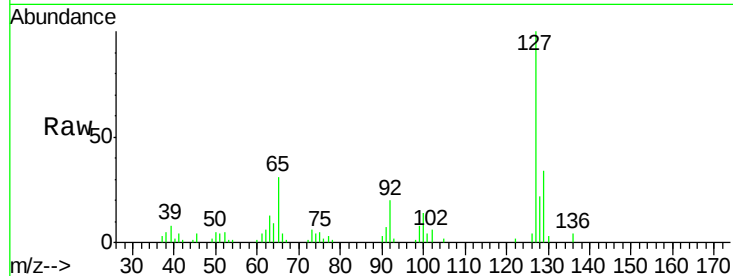
#33
4-Chloroaniline
Concen: 18.23 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		68267		
129	33.8	26.1	39.1		
65	31.3	22.0	33.0		
92	19.8	15.2	22.8		

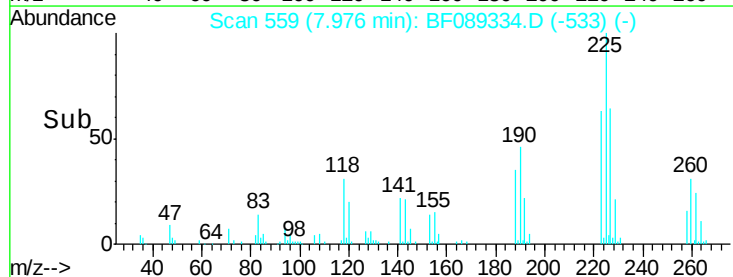
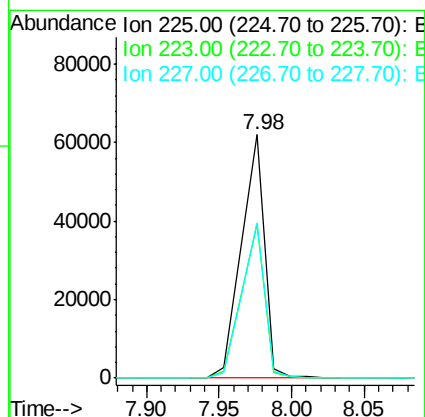
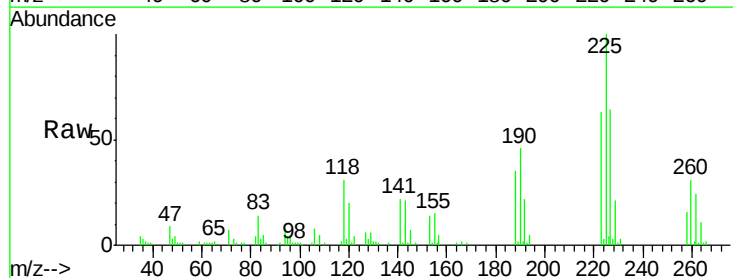
Manual Integrations

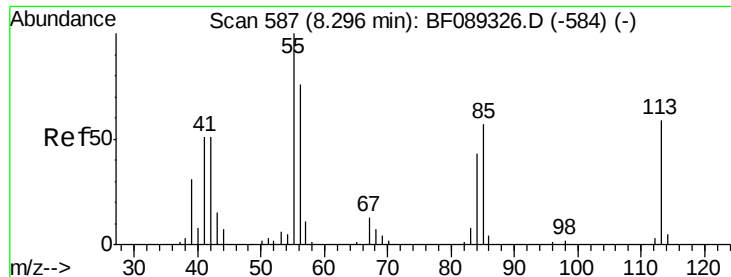
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#34
Hexachlorobutadiene
Concen: 42.40 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		68878		
223	63.0	49.8	74.8		
227	63.9	49.4	74.2		





#35

Caprolactam

Concen: 47.51 ng/ml

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampled :

PB92421BS

Tot Ion:113 Resp: 35649

Ion Ratio Lower Upper

113 100

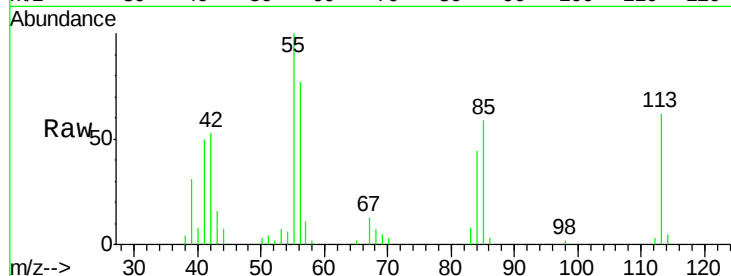
55 161.3 142.3 182.3

56 123.5 105.8 145.8

Manual Integrations

sohil

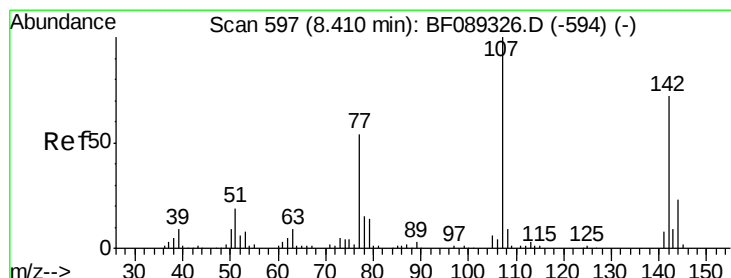
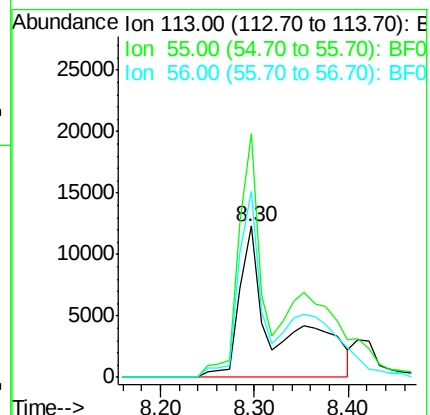
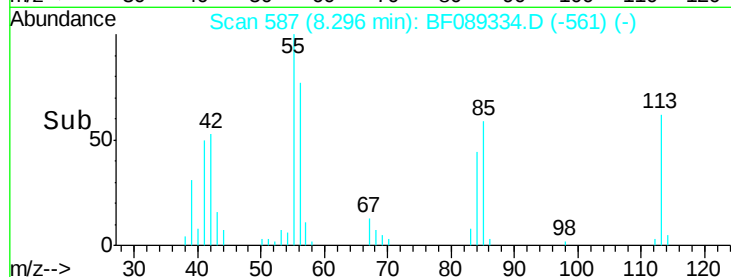
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.64 ng/ml

RT: 8.42 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

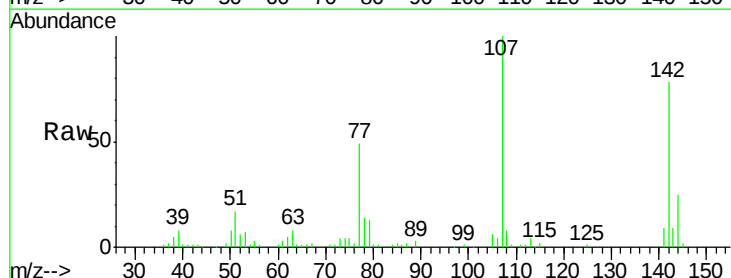
Tgt Ion:107 Resp: 140744

Ion Ratio Lower Upper

107 100

144 25.3 18.4 27.6

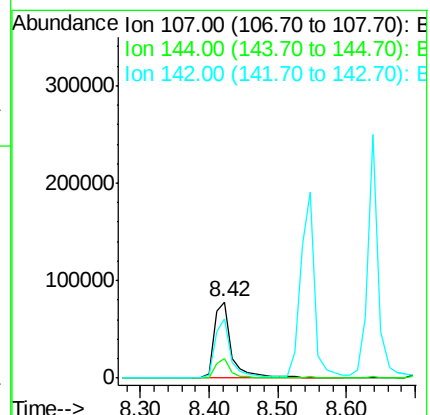
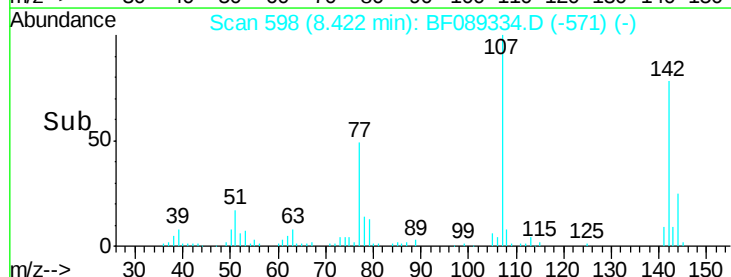
142 77.7 58.6 87.8

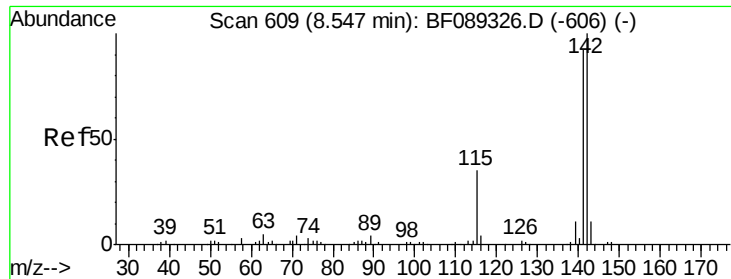


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





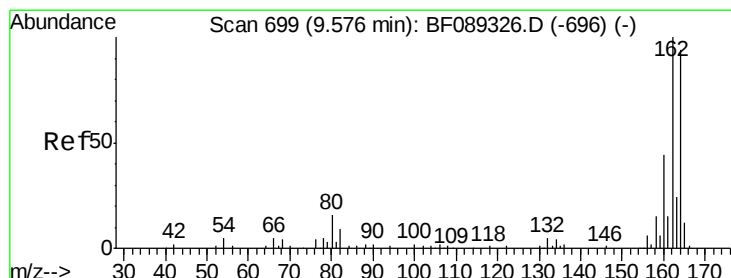
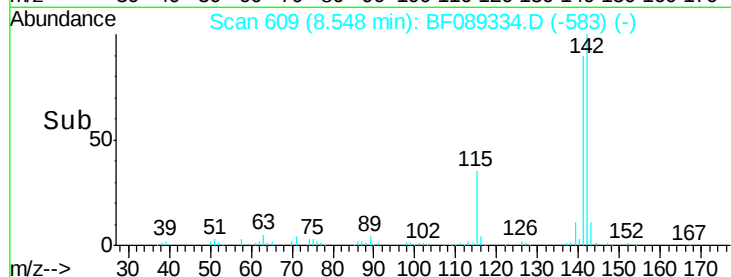
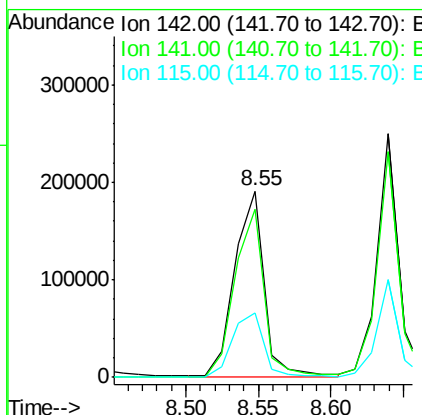
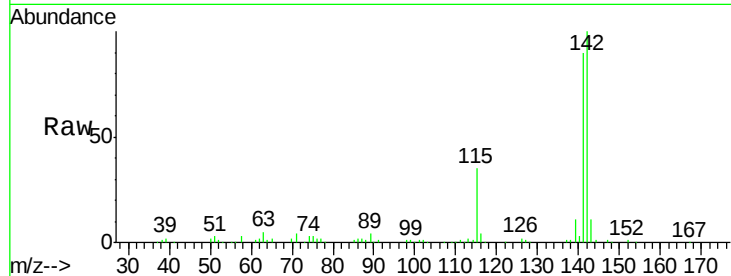
#37
2-Methylnaphthalene
Concen: 45.86 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		271838		
141	90.3	70.9	106.3		
115	34.6	27.6	41.4		

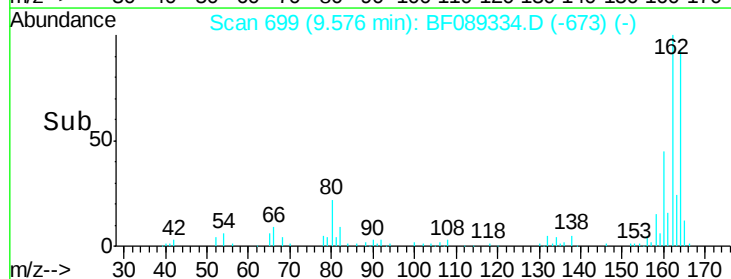
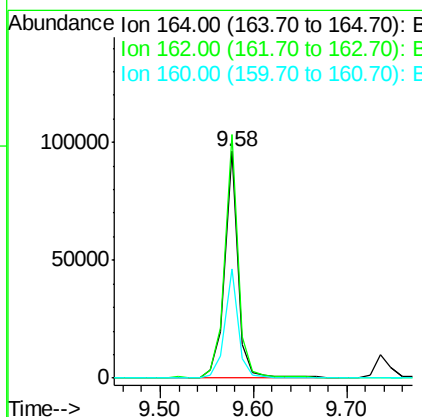
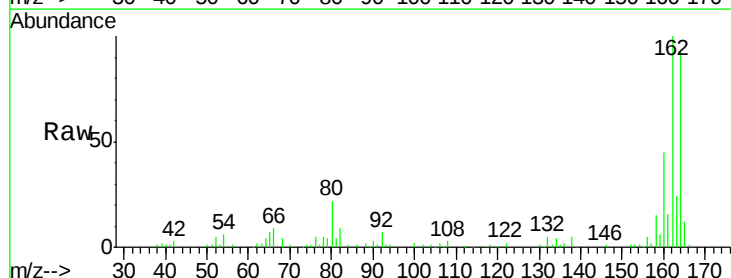
Manual Integrations

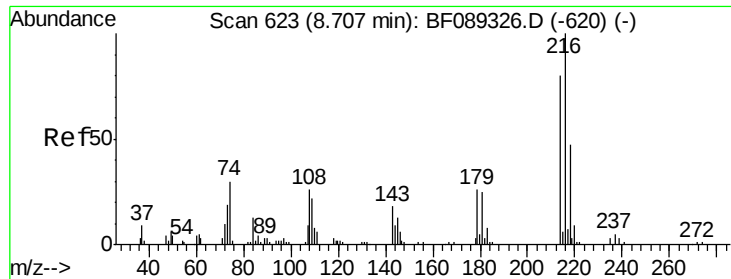
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		96186		
162	107.4	83.7	125.5		
160	48.1	37.8	56.6		





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.09 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

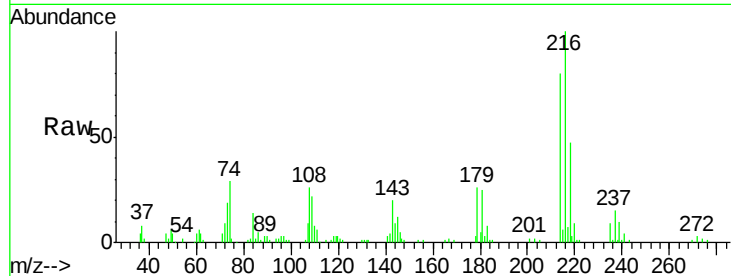
PB92421BS

Tot Ion:	216	Resp:	114741
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.3	94.9
179	23.1	18.1	27.1
108	24.4	17.2	25.8

Manual Integrations

sohil

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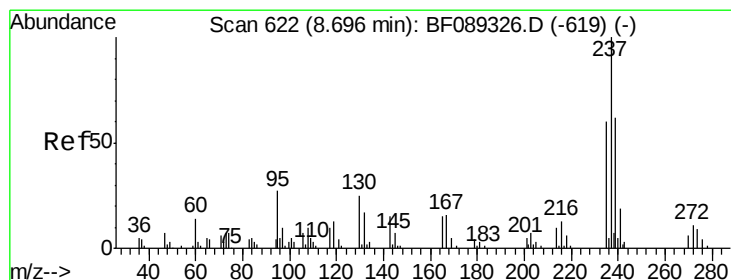
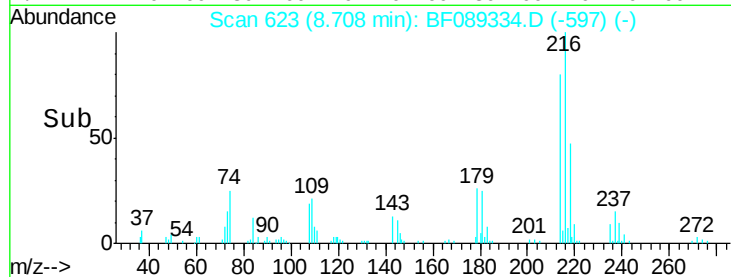
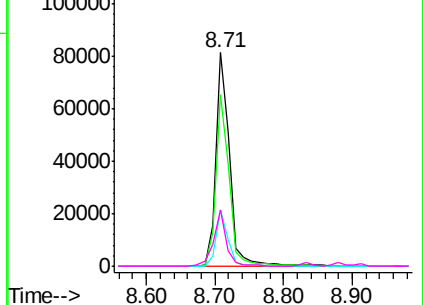


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.17 ng

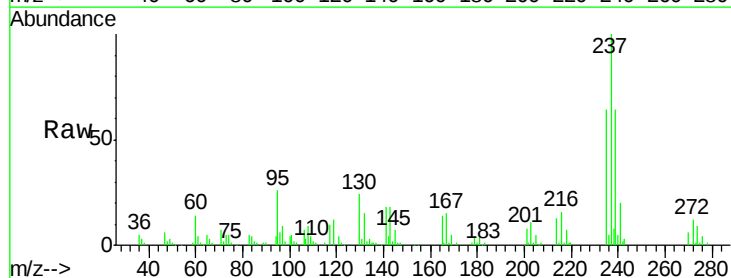
RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

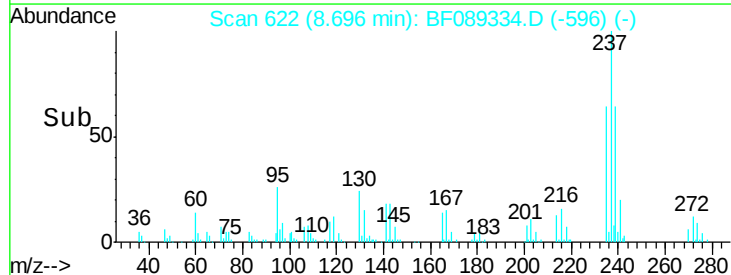
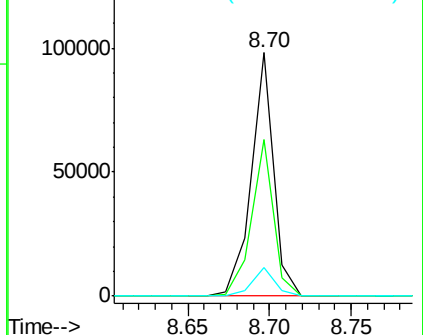
Tgt Ion:	237	Resp:	93142
Ion Ratio	Lower	Upper	
237	100		
235	64.3	41.6	81.6
272	11.9	0.0	30.8

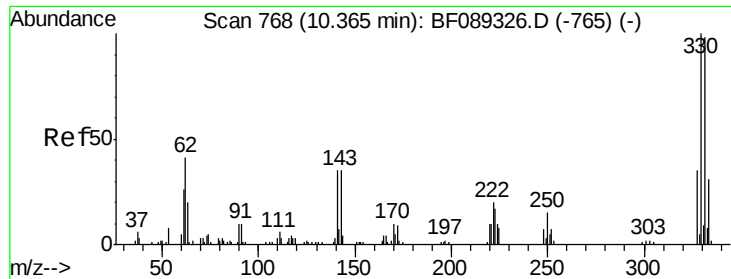


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





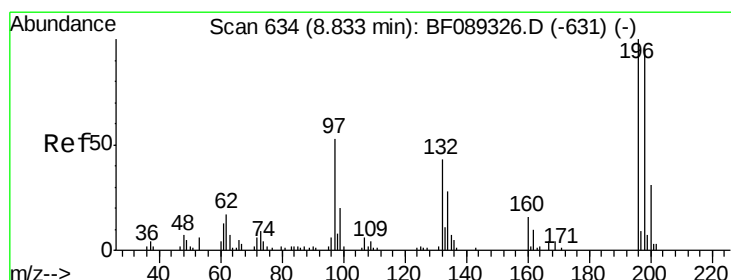
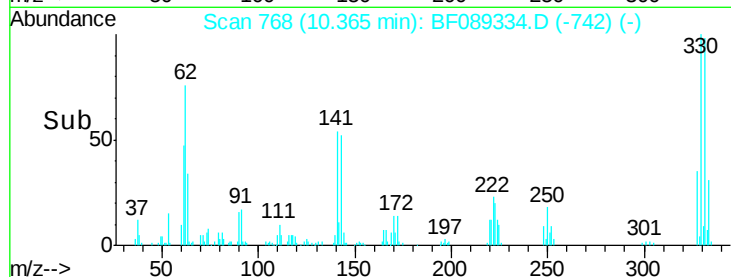
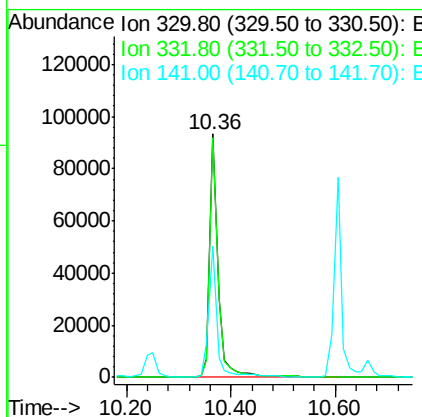
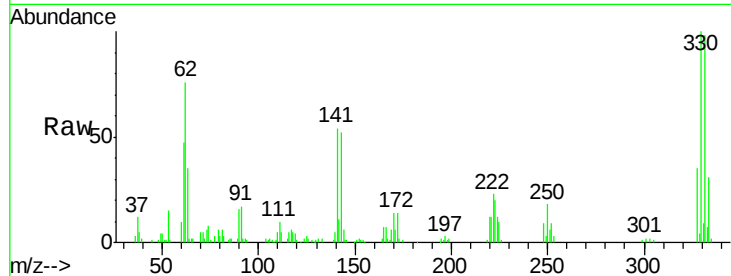
#41
 2,4,6-Tribromophenol
 Concen: 132.73 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	53.6	37.3	55.9

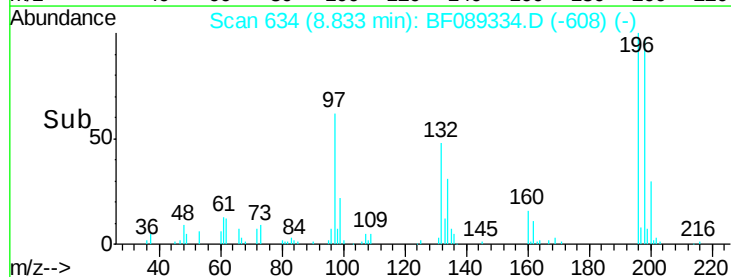
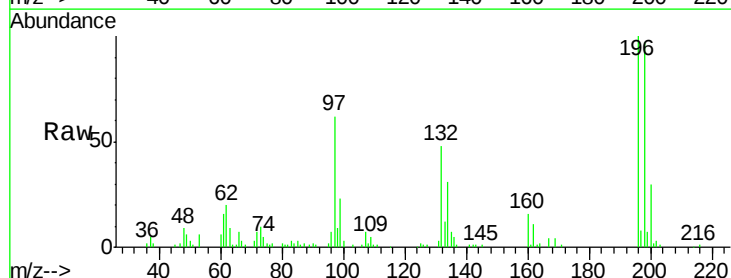
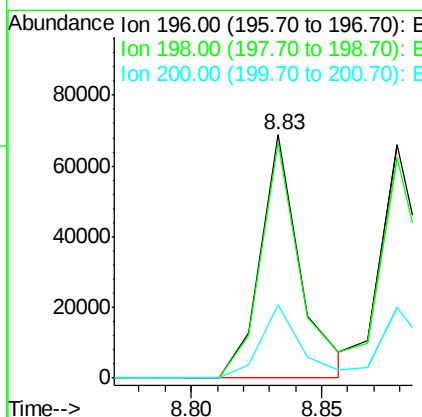
Manual Integrations

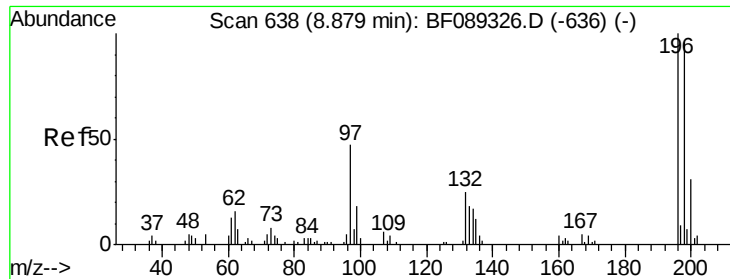
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#42
 2,4,6-Trichlorophenol
 Concen: 45.63 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.5	113.3
200	30.2	23.9	35.9





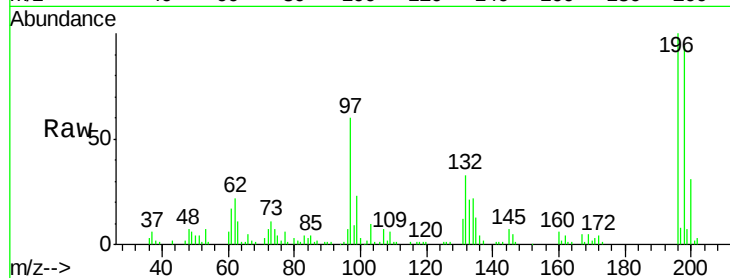
#43
 2,4,5-Trichlorophenol
 Concen: 43.80 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleID :
 PB92421BS

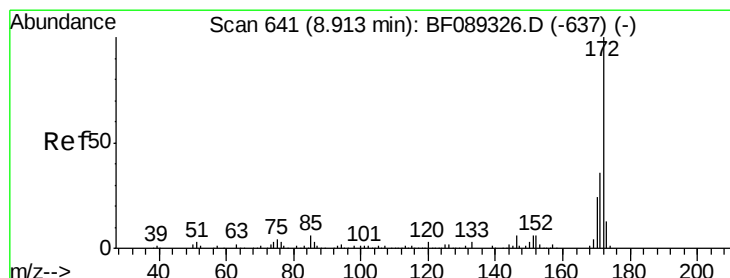
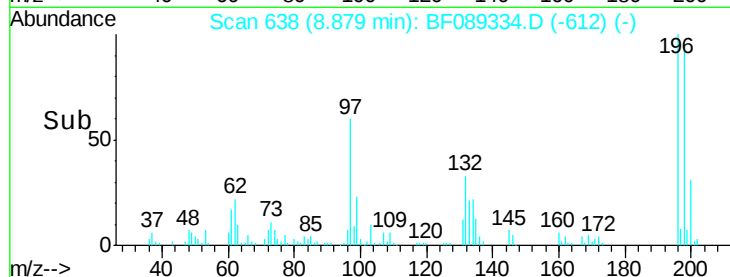
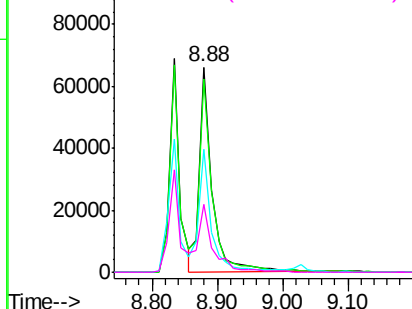
Tot Ion:	196	Resp:	88792
Ion Ratio	Lower	Upper	
196	100		
198	94.3	78.7	118.1
97	60.0	39.7	59.5
132	32.9	22.8	34.2

Manual Integrations

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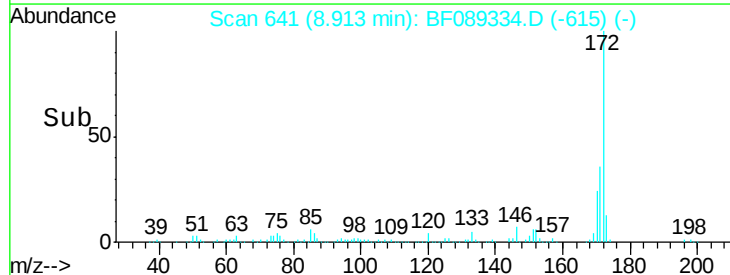
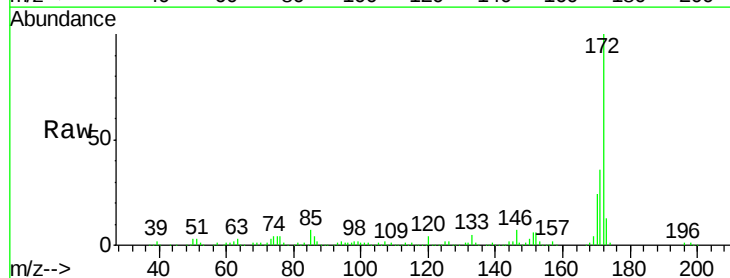
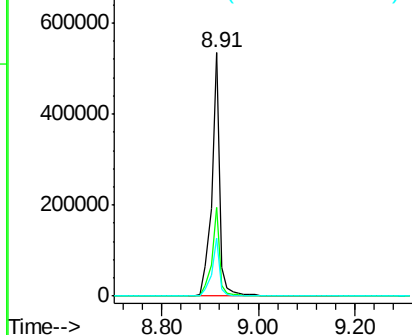
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

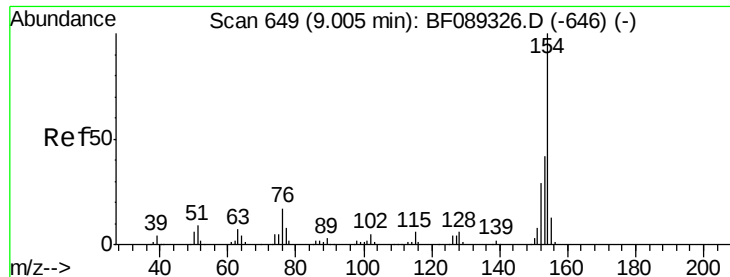


#44
 2-Fluorobiphenyl
 Concen: 95.88 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion:	172	Resp:	628432
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.2	43.8
170	24.0	19.2	28.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.97 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:154 Resp: 327371

Ion Ratio Lower Upper

154 100

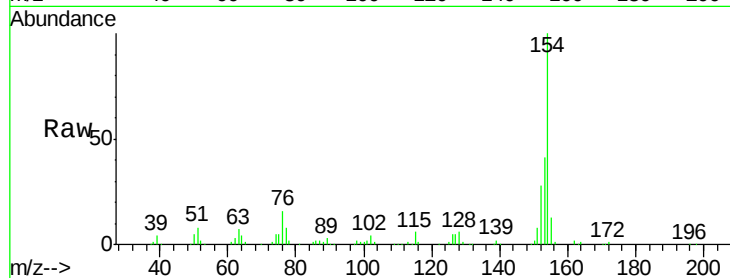
153 40.8 21.0 61.0

76 16.1 0.0 36.6

Manual Integrations

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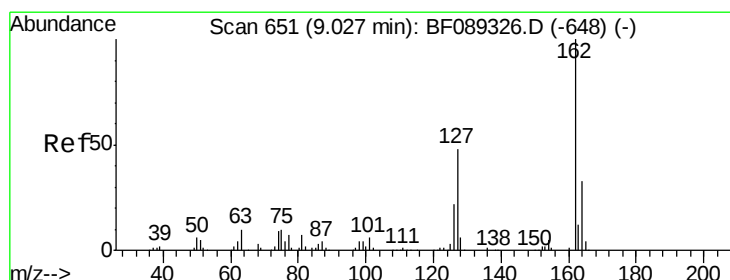
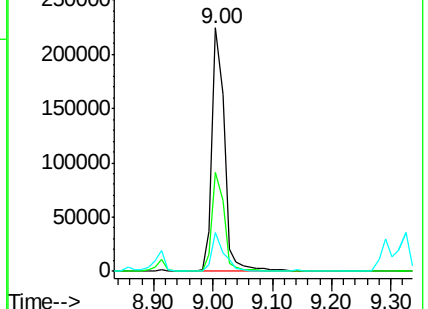
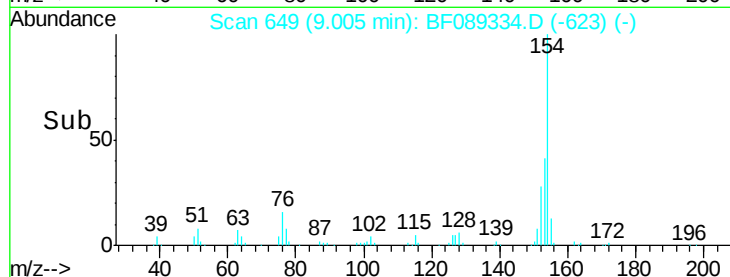
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.41 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

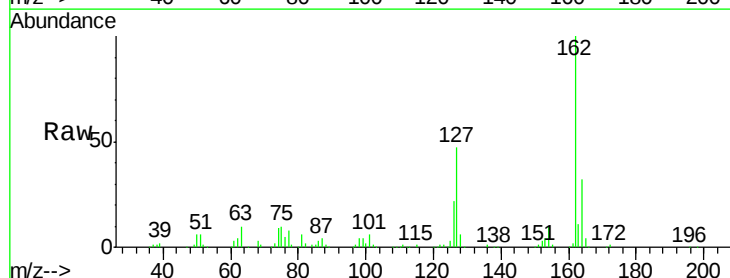
Tgt Ion:162 Resp: 260824

Ion Ratio Lower Upper

162 100

127 47.3 37.8 56.8

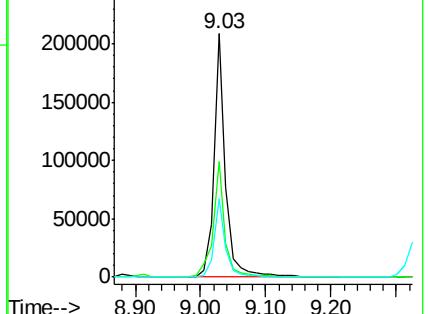
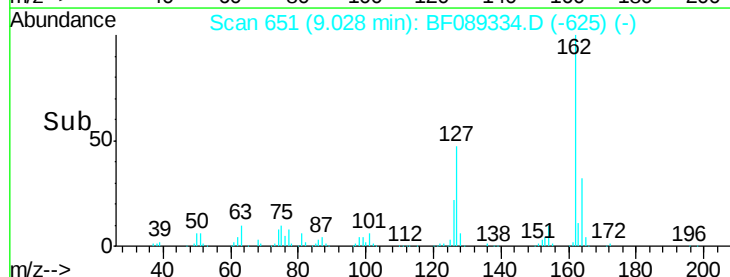
164 32.5 25.8 38.8

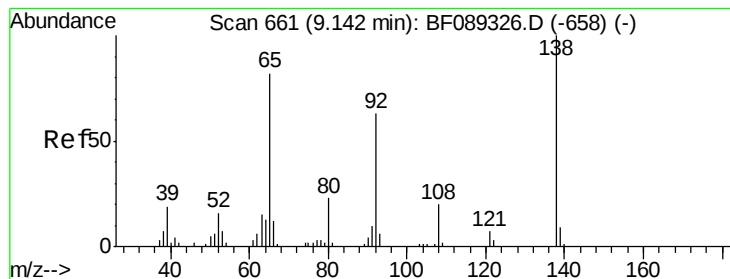


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.04 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion: 65 Resp: 83861

Ion Ratio Lower Upper

65 100

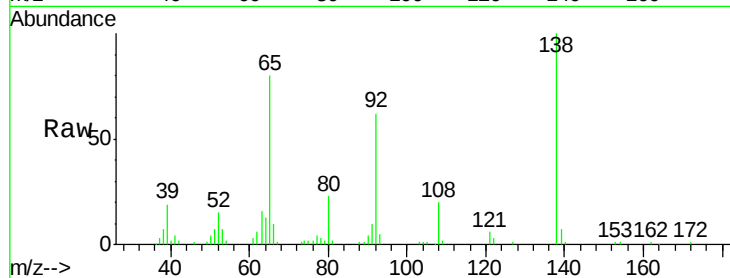
92 77.8 61.0 91.4

138 125.1 99.1 148.7

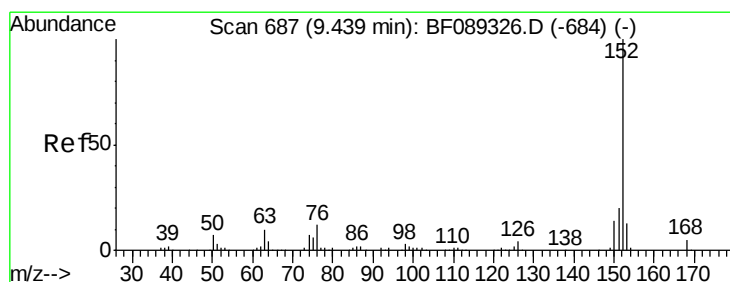
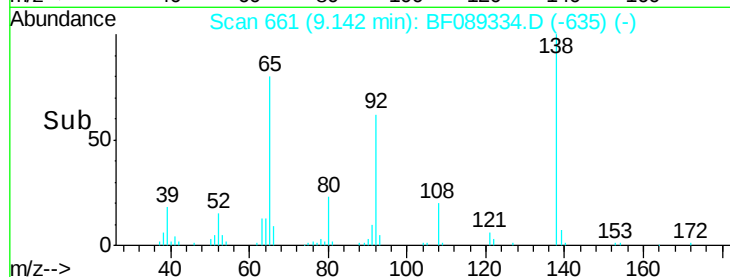
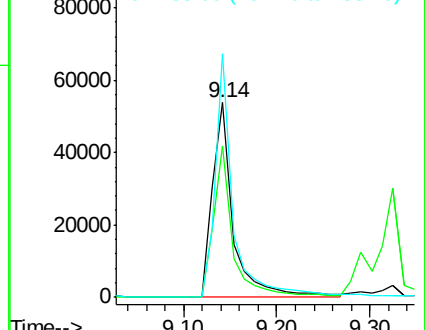
Manual Integrations

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 43.76 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

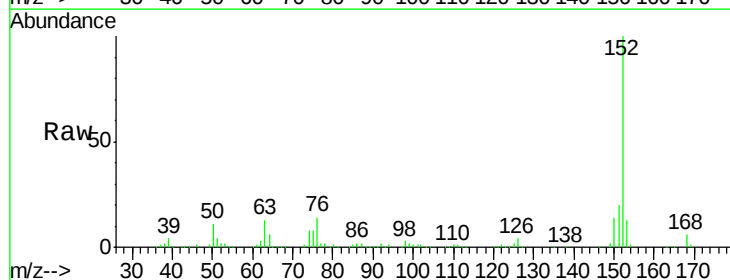
Tgt Ion: 152 Resp: 423981

Ion Ratio Lower Upper

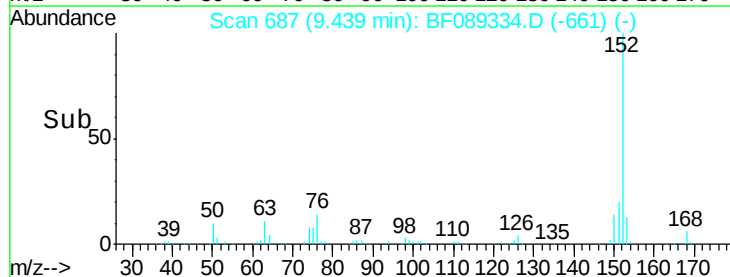
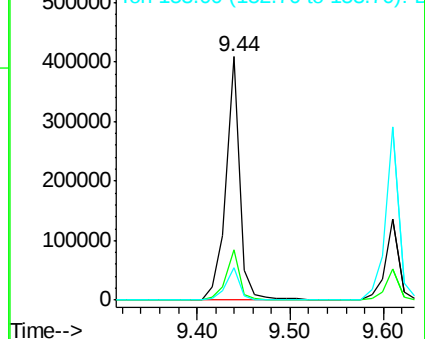
152 100

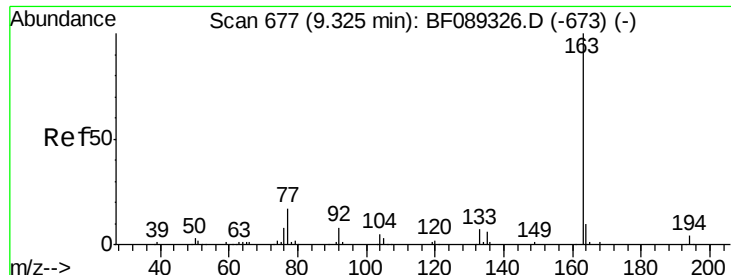
151 20.4 16.2 24.2

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





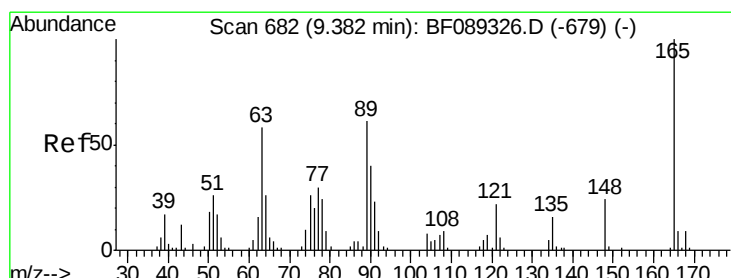
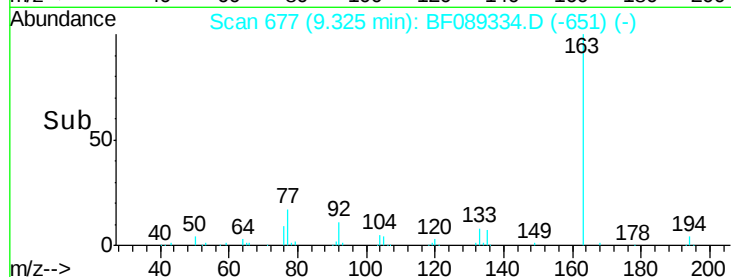
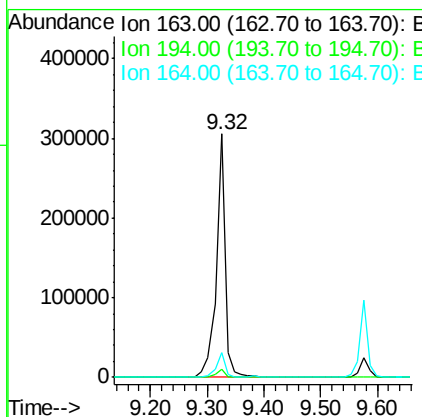
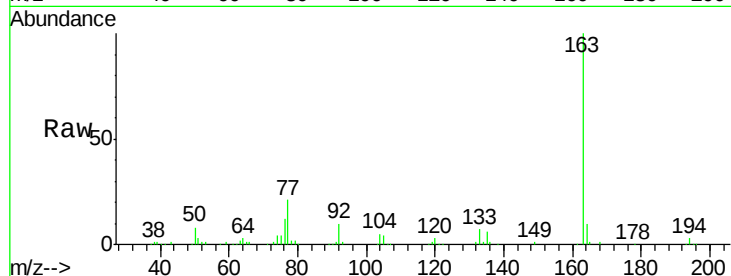
#49
Dimethylphthalate
Concen: 45.13 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	330372		
194	3.3		2.8	4.2
164	9.9		7.8	11.8

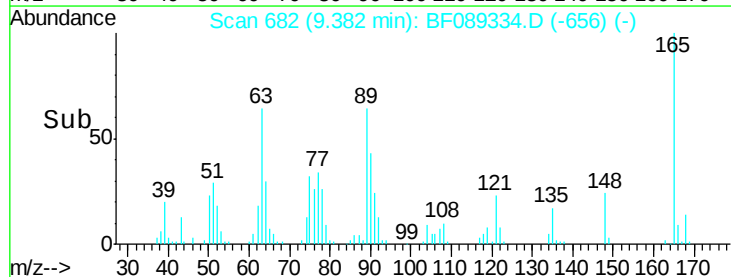
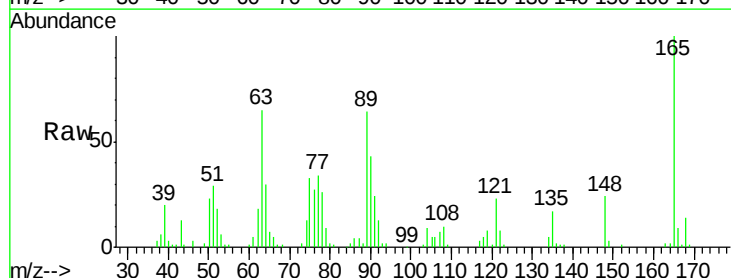
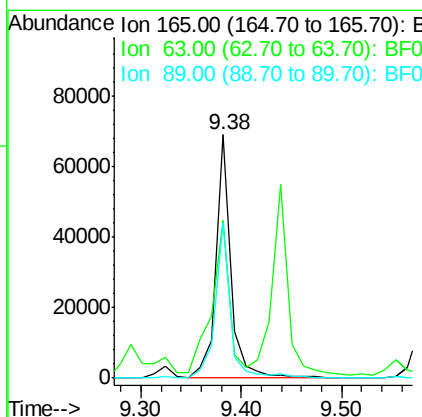
Manual Integrations

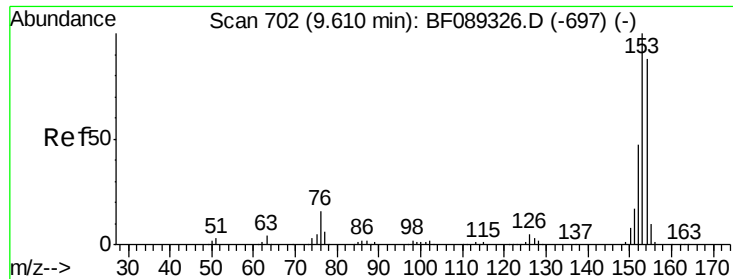
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#50
2,6-Dinitrotoluene
Concen: 47.38 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71270		
63	65.0		43.5	65.3
89	64.0		45.0	67.4





#51

Acenaphthene

Concen: 44.43 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:154 Resp: 251375

Ion Ratio Lower Upper

154 100

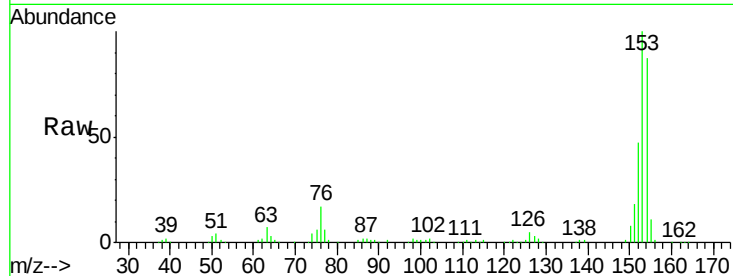
153 115.2 91.4 137.2

152 53.9 43.8 65.6

Manual Integrations

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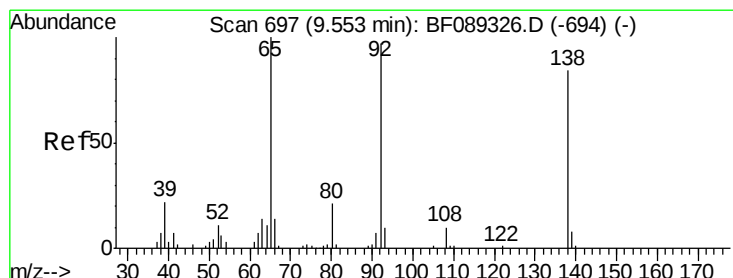
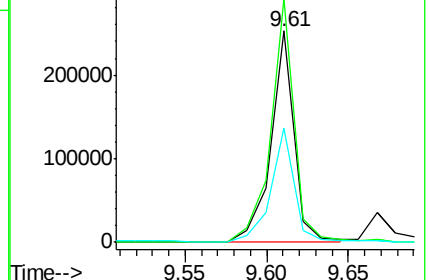
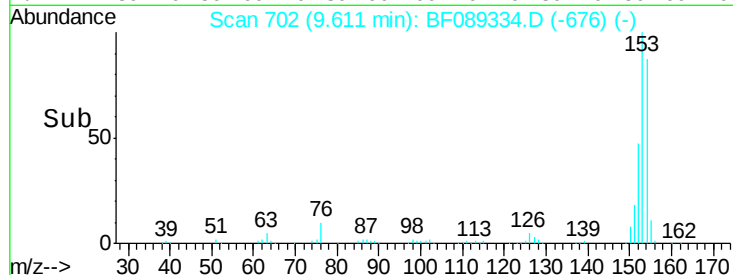
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.27 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

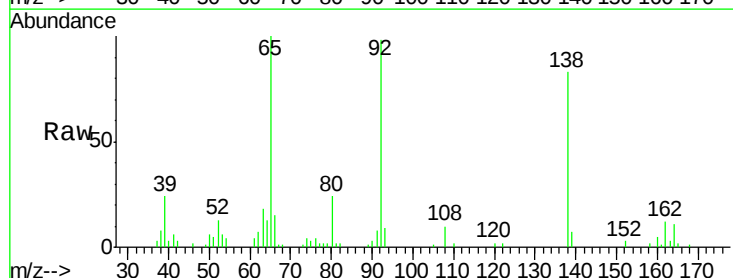
Tgt Ion:138 Resp: 38519

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

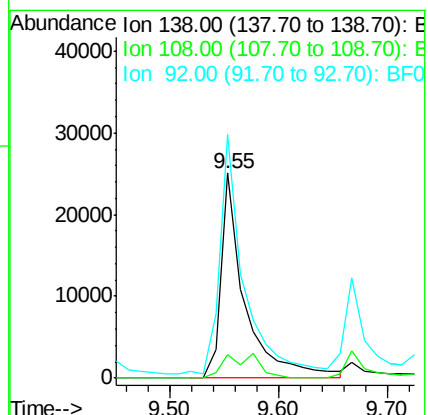
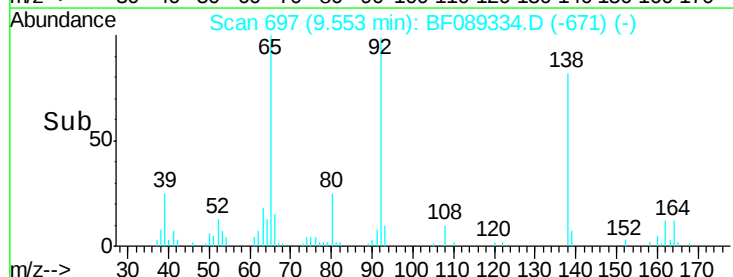
92 118.9 90.0 135.0

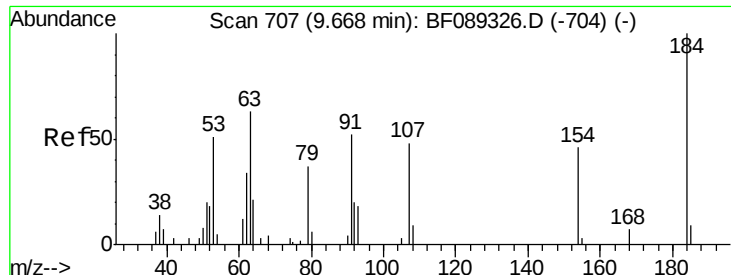


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





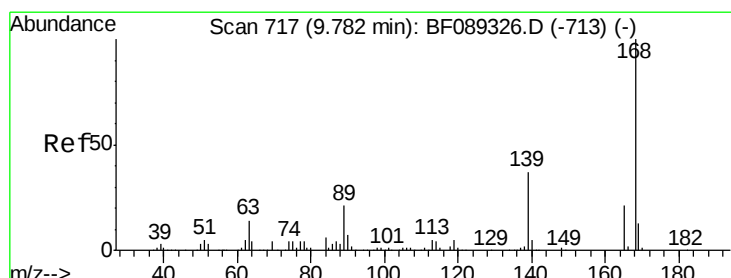
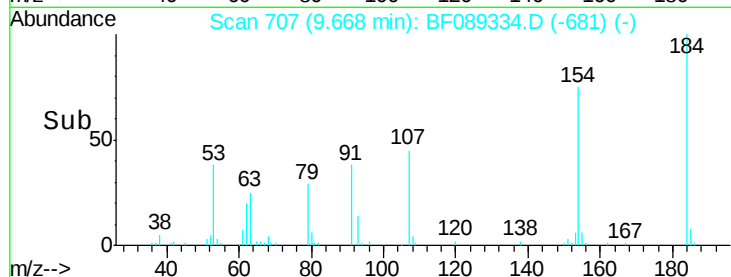
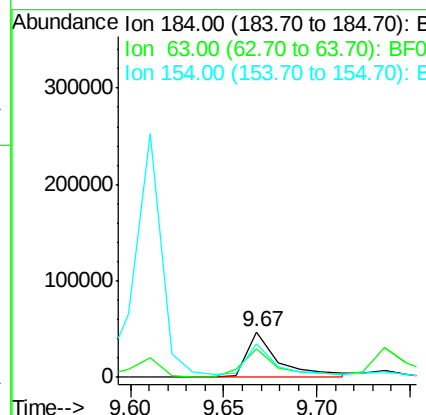
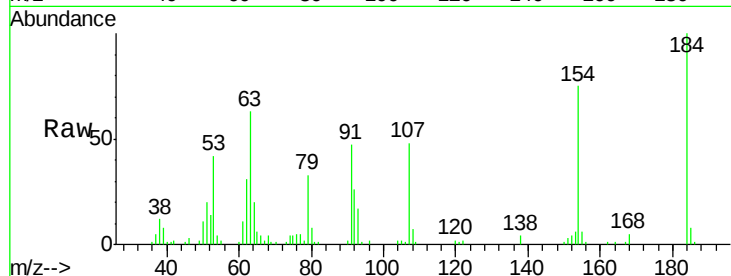
#53
 2,4-Dinitrophenol
 Concen: 79.94 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Tot Ion	184	Resp	55706
Ion Ratio	100	Lower	Upper
184	100		
63	62.9	60.6	90.8
154	75.3	69.8	104.8

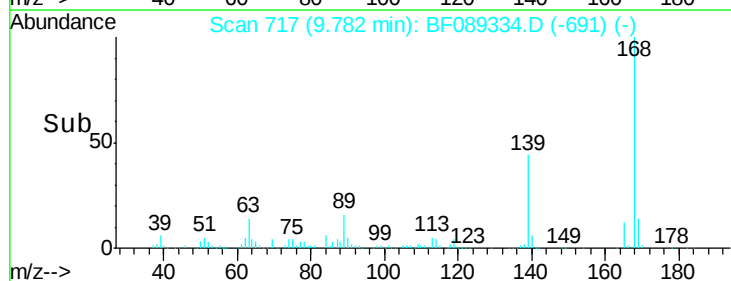
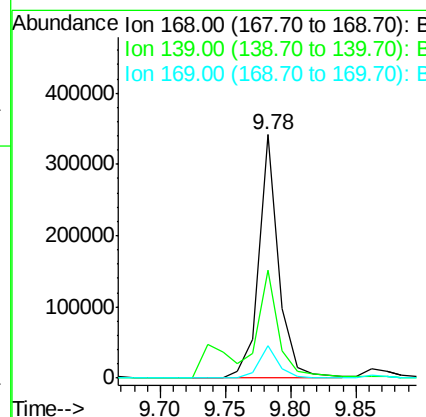
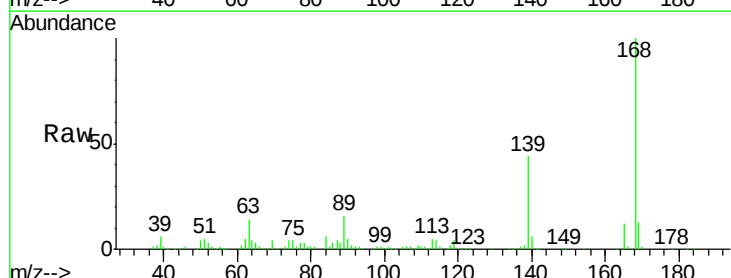
Manual Integrations

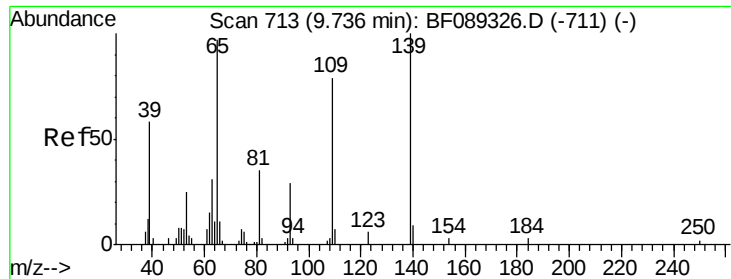
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#54
 Dibenzofuran
 Concen: 46.98 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion	168	Resp	362136
Ion Ratio	100	Lower	Upper
168	100		
139	44.3	33.7	50.5
169	13.5	10.7	16.1





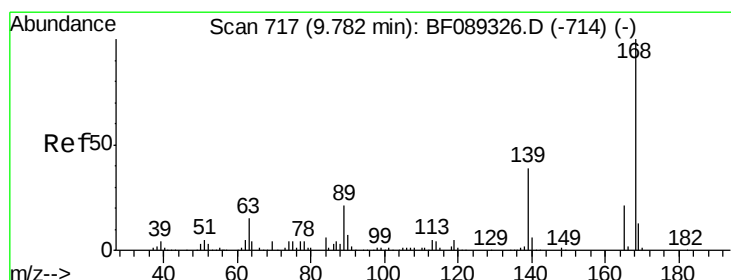
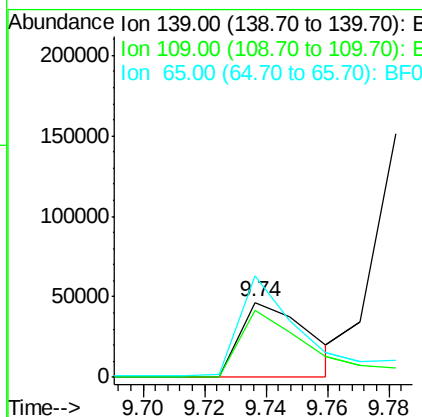
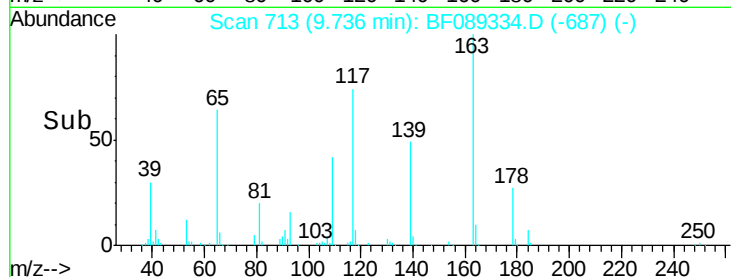
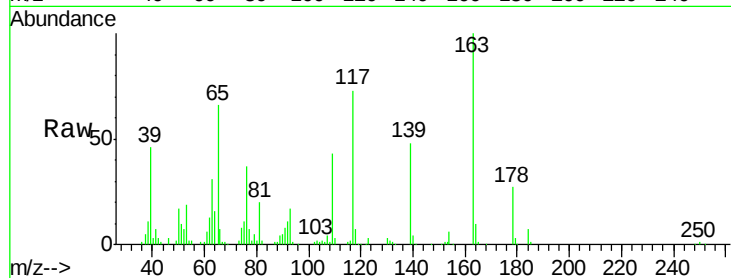
#55
4-Nitrophenol
Concen: 91.38 ng/mL
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	89.5	57.8	97.8
65	136.2	81.7	121.7

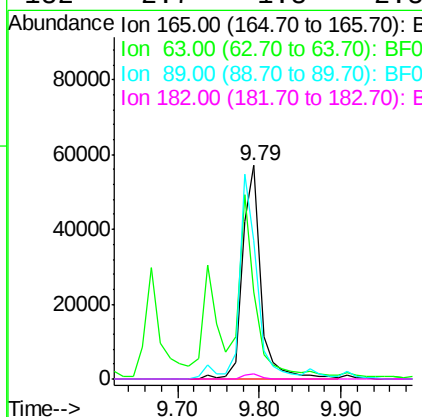
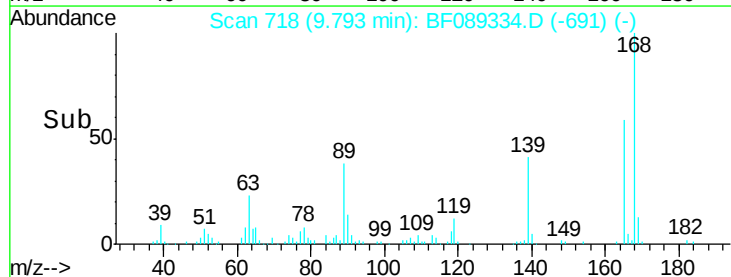
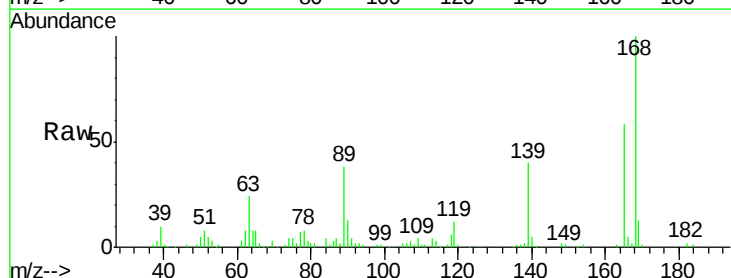
Manual Integrations

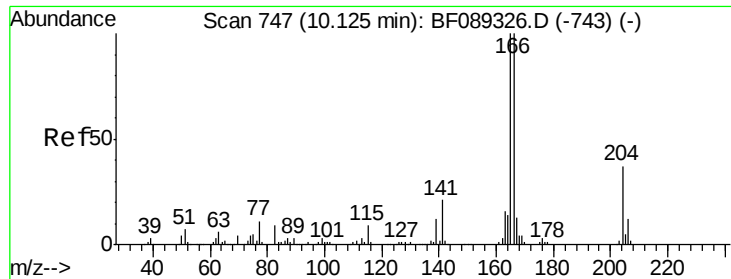
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#56
2,4-Dinitrotoluene
Concen: 44.98 ng/mL
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.0	58.2	87.2
89	64.7	79.1	118.7
182	2.7	1.8	2.8





#57

Fluorene

Concen: 45.88 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:166 Resp: 308779

Ion Ratio Lower Upper

166 100

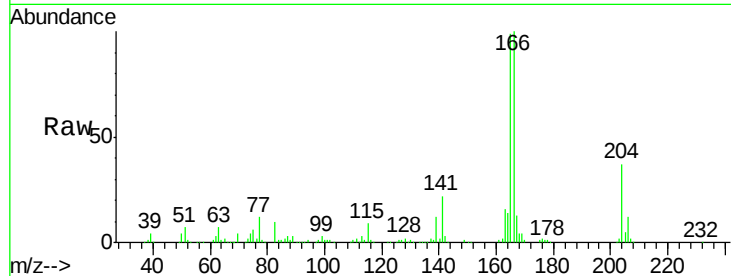
165 99.0 79.0 118.4

167 13.2 10.2 15.2

Manual Integrations

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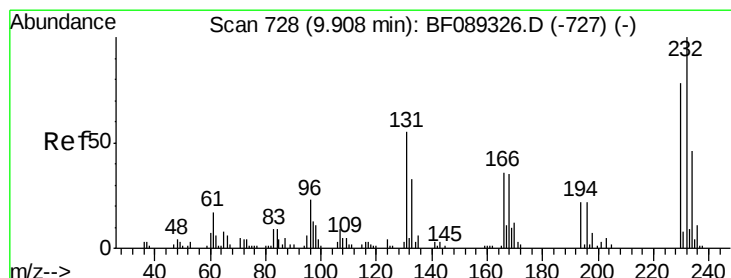
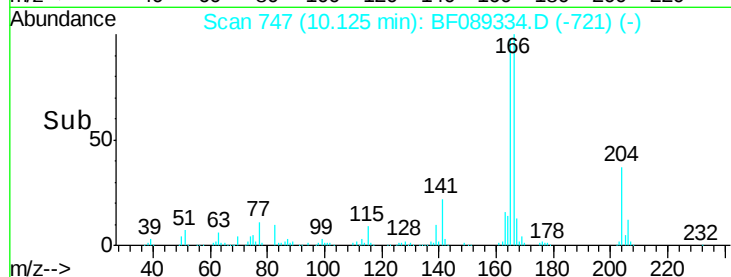
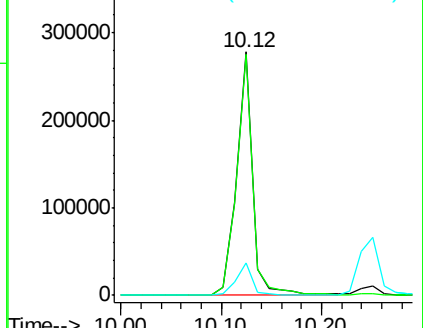
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.73 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Tgt Ion:232 Resp: 70016

Ion Ratio Lower Upper

232 100

131 49.8 42.7 64.1

130 2.4 1.7 2.5

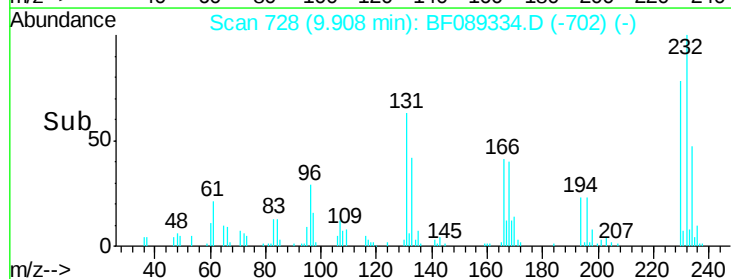
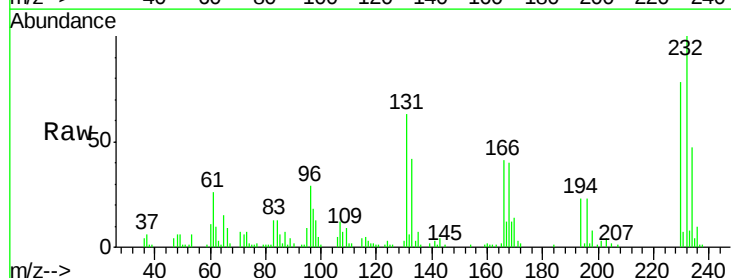
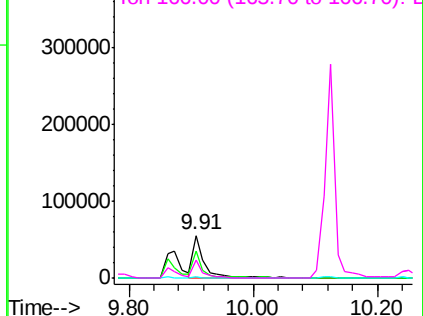
166 38.0 25.7 38.5

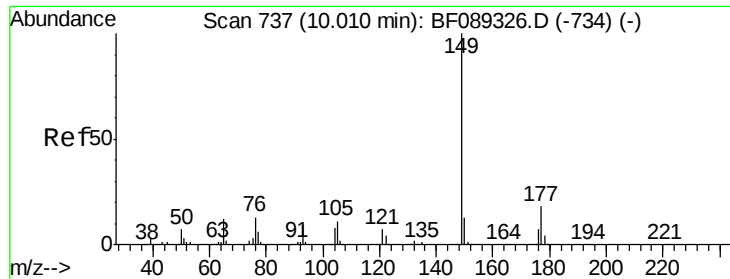
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





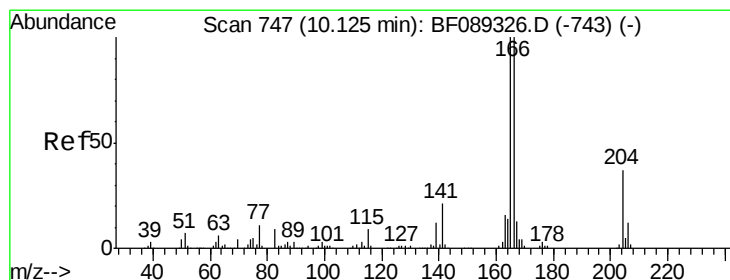
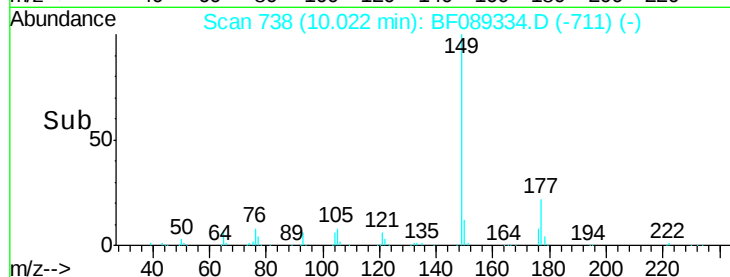
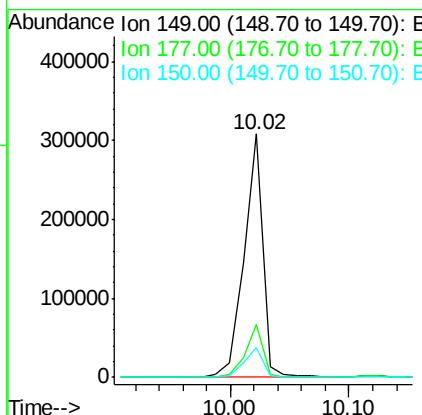
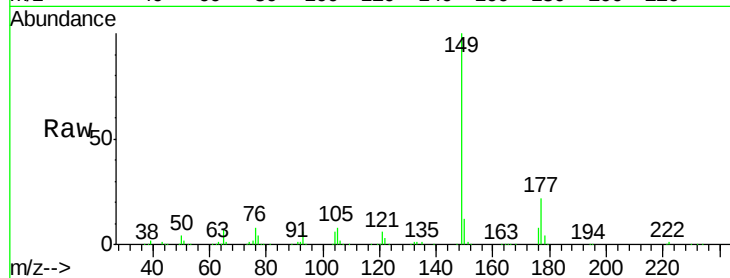
#59
Diethylphthalate
Concen: 46.02 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	15.1	22.7
150	12.3	10.2	15.4

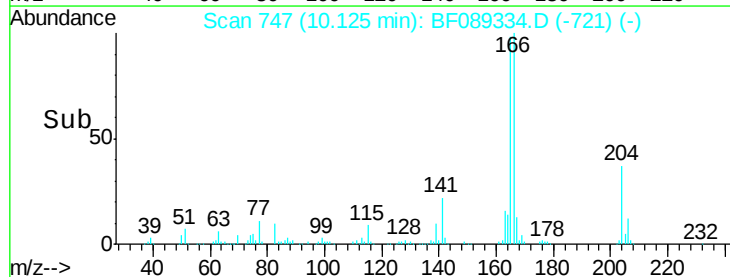
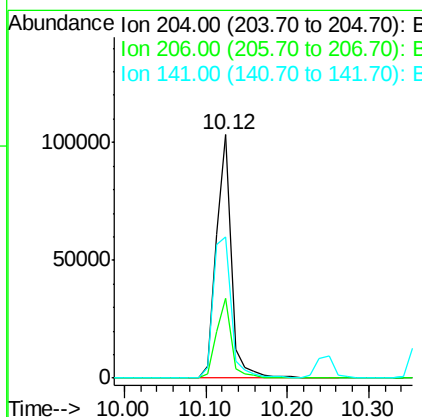
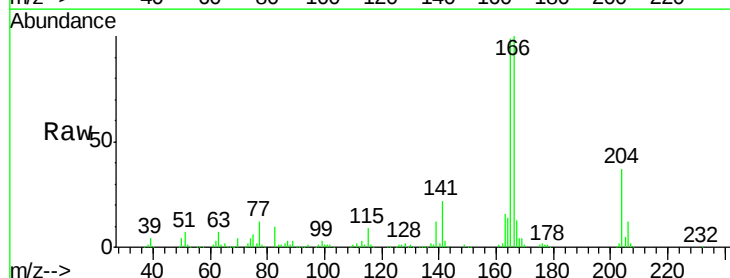
Manual Integrations

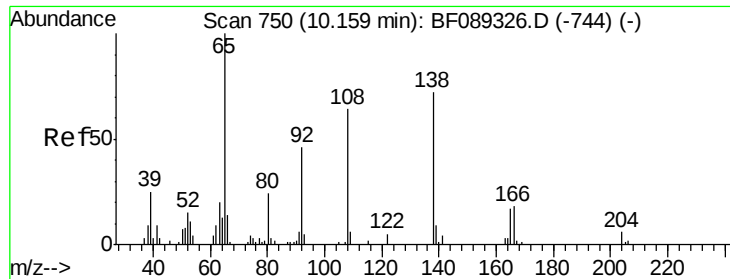
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.00 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	58.1	46.6	70.0





#61

4-Nitroaniline

Concen: 41.38 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089334.D

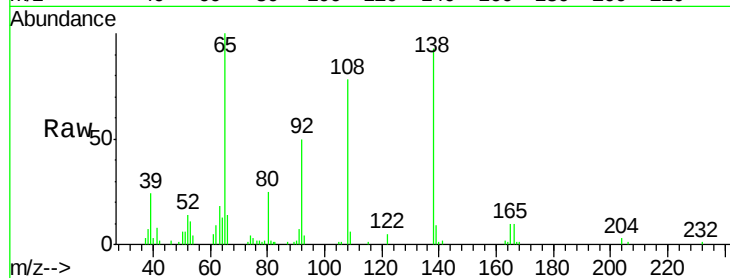
Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS



Tot Ion:138 Resp: 67705

Ion Ratio Lower Upper

138 100

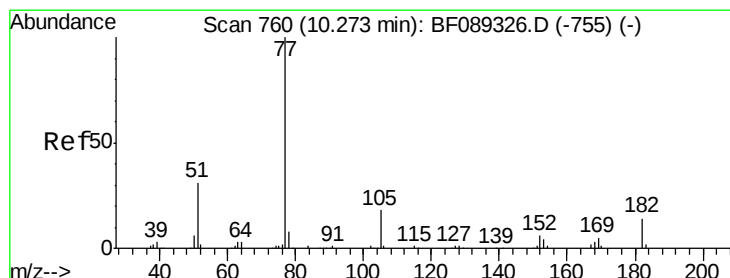
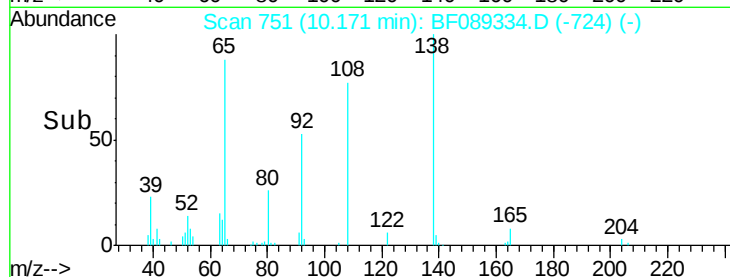
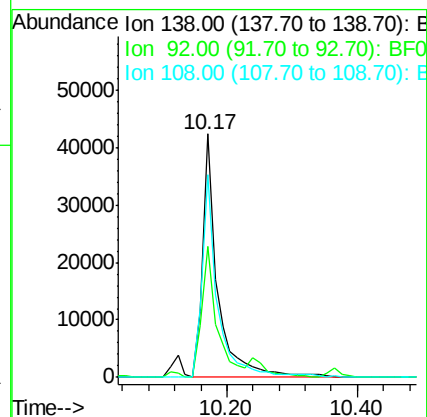
92 53.9 41.2 81.2

108 83.3 69.6 109.6

Manual Integrations

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#62

Azobenzene

Concen: 46.82 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Tgt Ion: 77 Resp: 357876

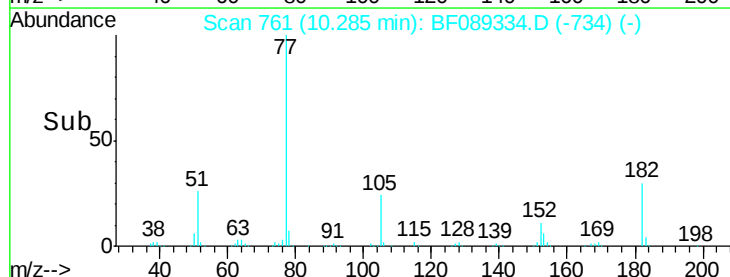
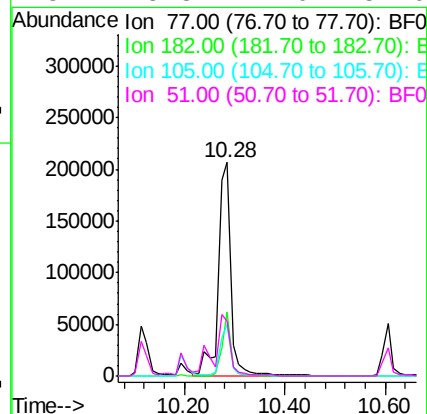
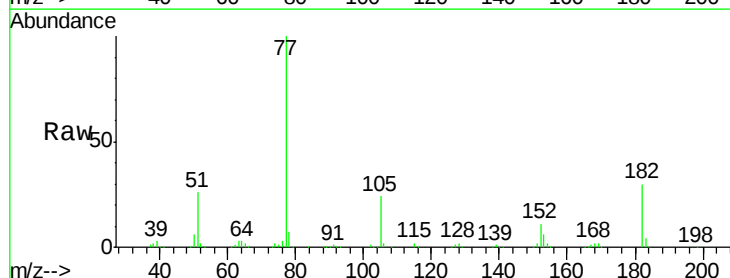
Ion Ratio Lower Upper

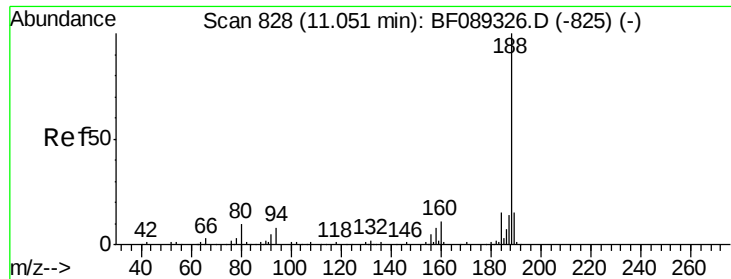
77 100

182 30.0 0.0 33.8

105 23.9 0.0 39.8

51 25.8 11.0 51.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:188 Resp: 183053

Ion Ratio Lower Upper

188 100

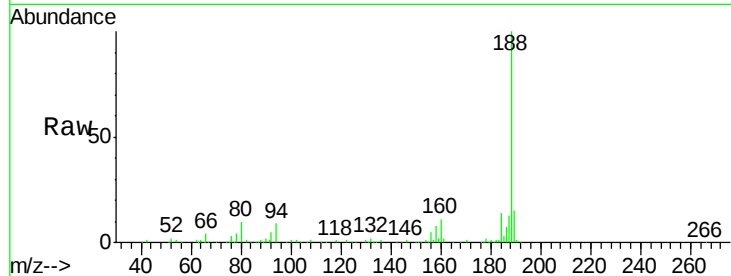
94 9.2 6.5 9.7

80 9.7 7.2 10.8

Manual Integrations

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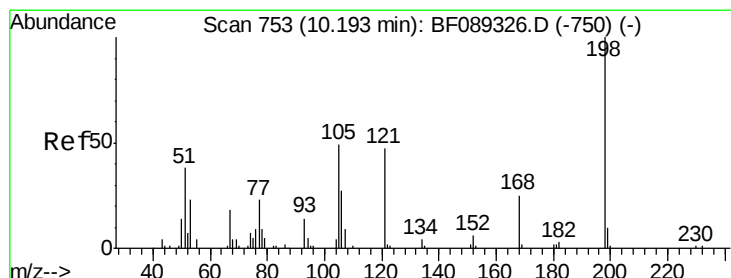
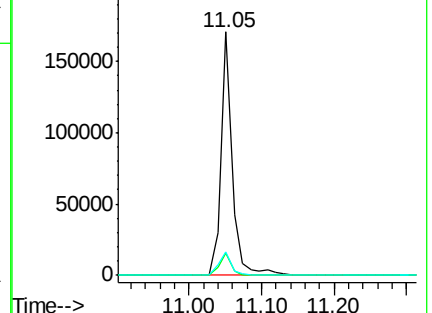
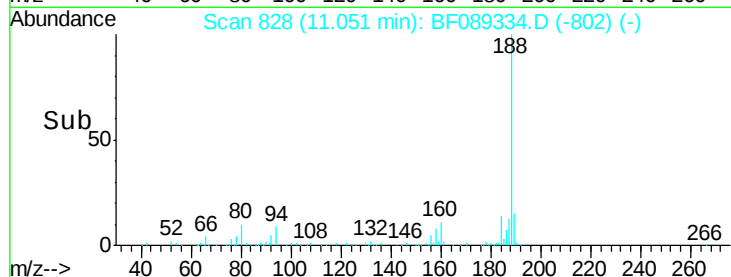
7/28/2016 4:56:13 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.70 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

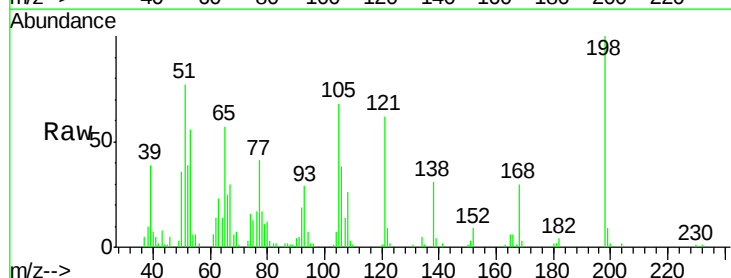
Tgt Ion:198 Resp: 45376

Ion Ratio Lower Upper

198 100

51 77.3 23.0 63.0#

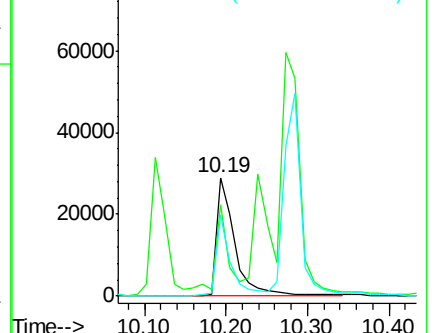
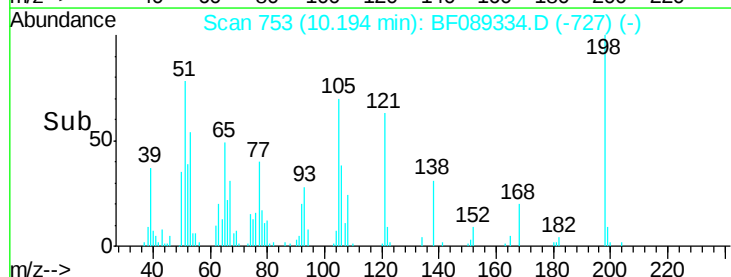
105 68.5 28.3 68.3#

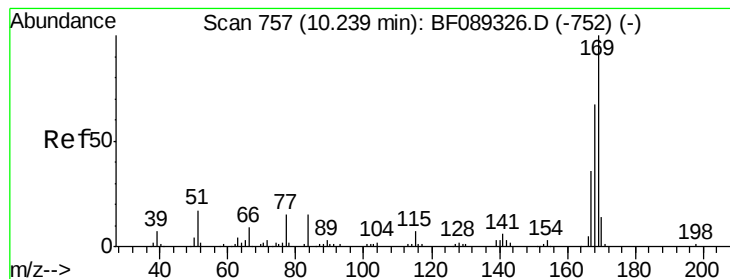


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





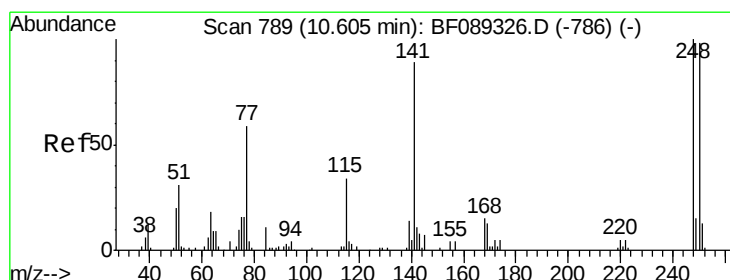
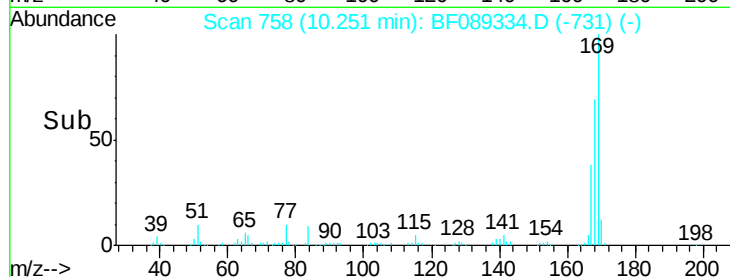
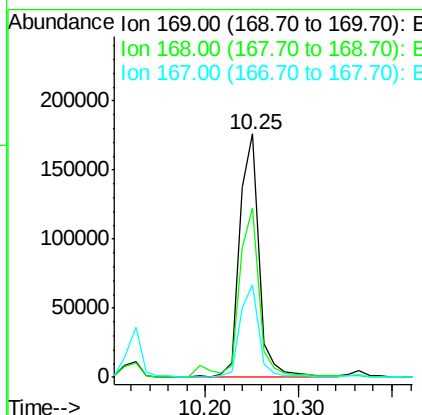
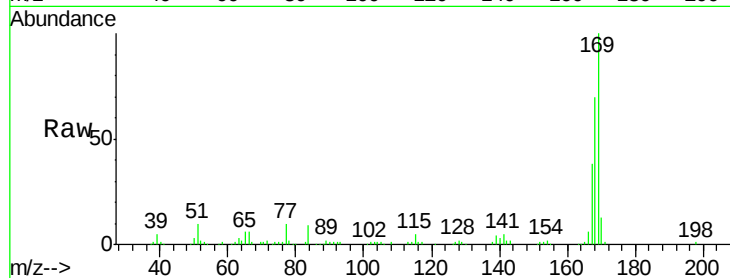
#65
n-Nitrosodiphenylamine
Concen: 45.07 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		257447		
168	69.5	55.4	83.0		
167	37.8	29.7	44.5		

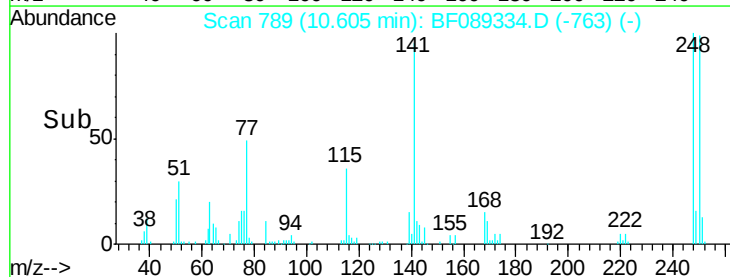
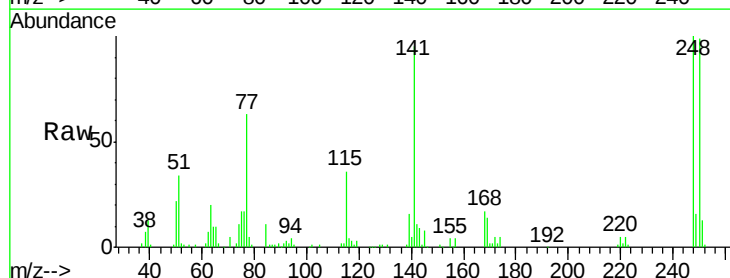
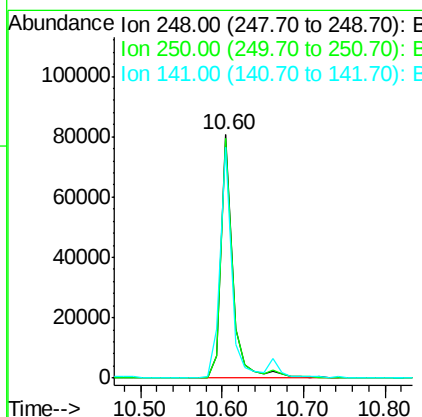
Manual Integrations

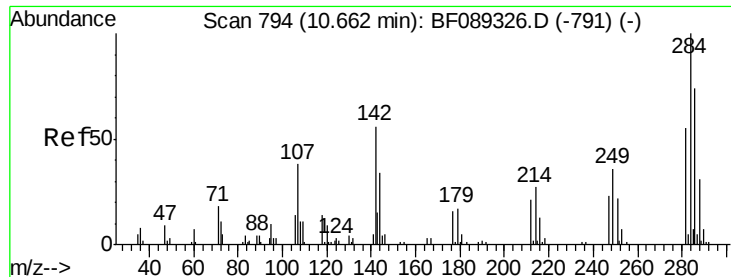
sohil
7/28/2016 4:56:13 PM



#66
4-Bromophenyl-phenylether
Concen: 46.18 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		80713		
250	98.5	78.2	117.2		
141	95.0	62.0	93.0		





#67

Hexachlorobenzene

Concen: 41.73 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:284 Resp: 74739

Ion Ratio Lower Upper

284 100

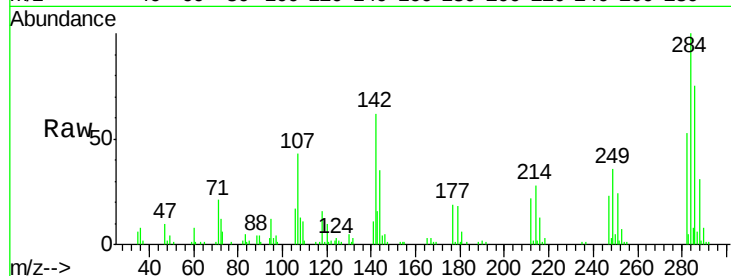
142 61.6 42.2 63.4

249 36.4 29.4 44.0

Manual Integrations

sohil

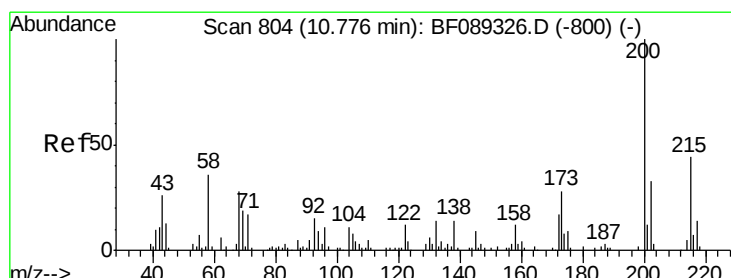
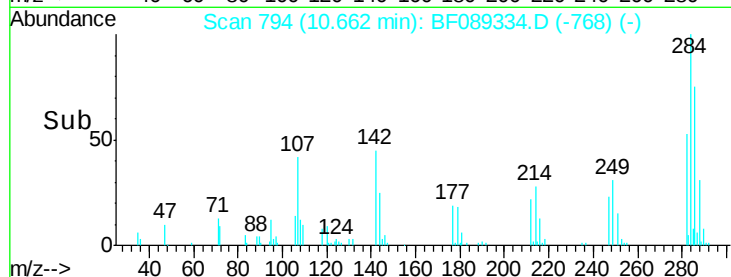
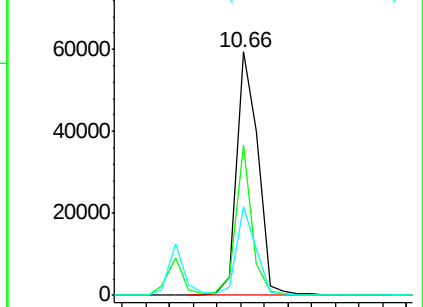
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.21 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

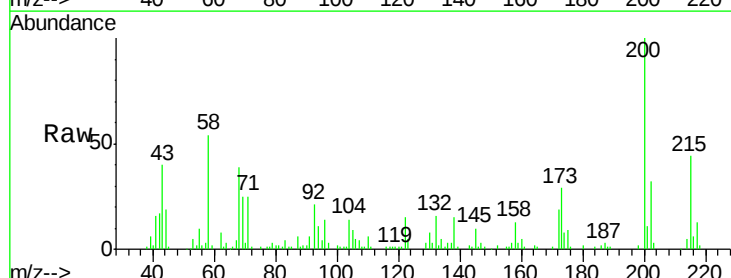
Tgt Ion:200 Resp: 75812

Ion Ratio Lower Upper

200 100

173 29.1 6.0 46.0

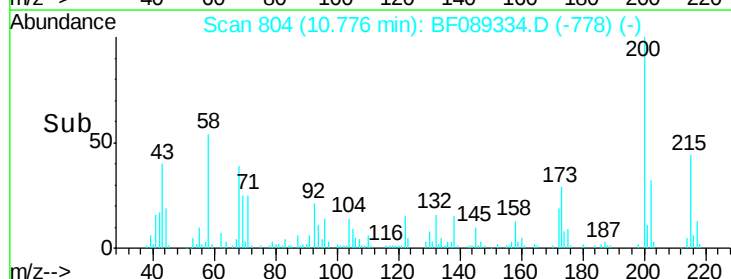
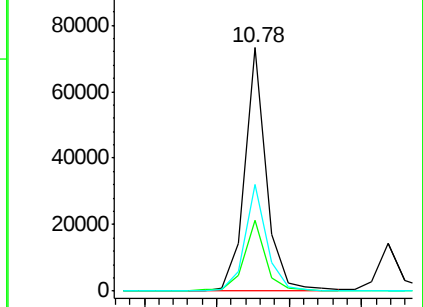
215 43.6 24.3 64.3

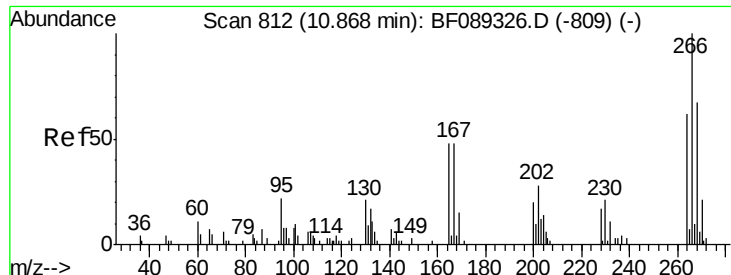


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





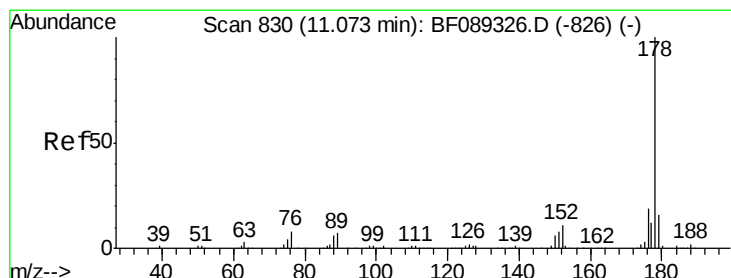
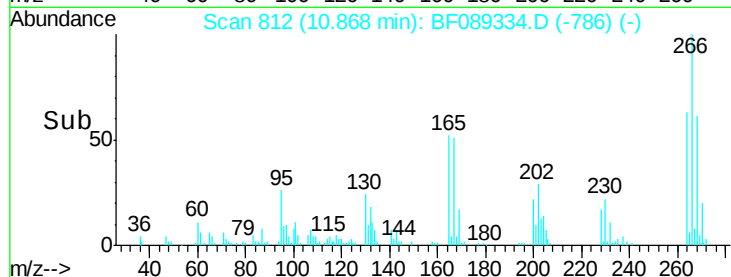
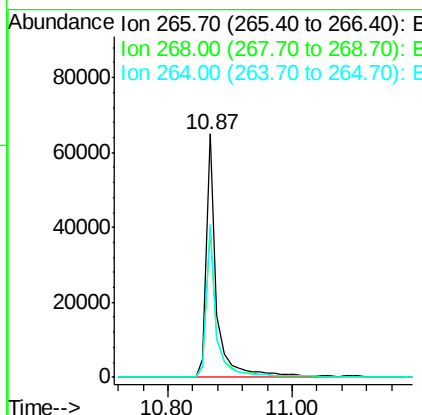
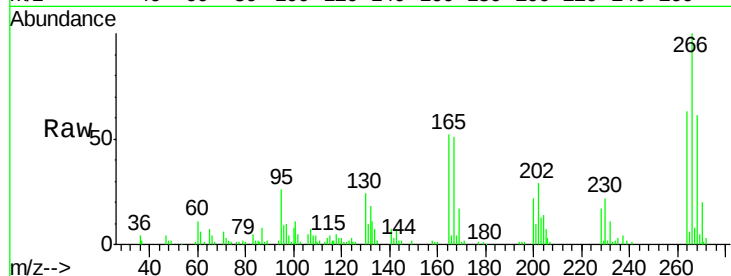
#69
 Pentachlorophenol
 Concen: 86.66 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	49.4	74.2
264	62.6	50.2	75.2

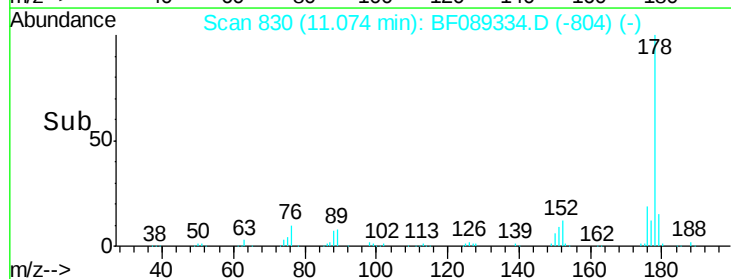
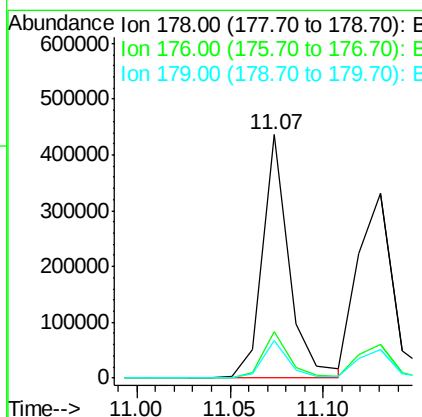
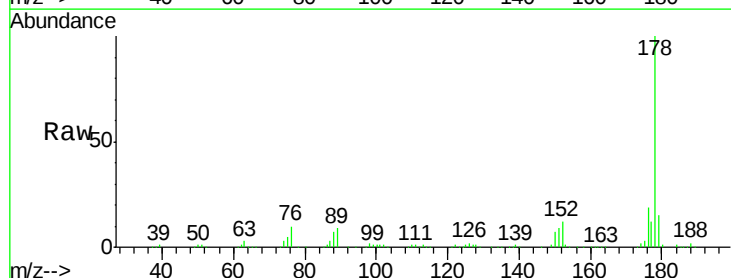
Manual Integrations

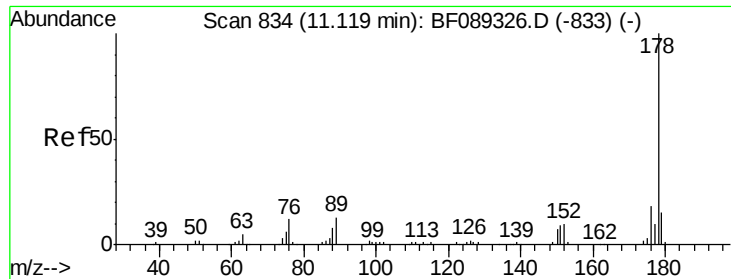
sohil
 7/28/2016 4:56:13 PM



#70
 Phenanthrene
 Concen: 45.59 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.3	18.5





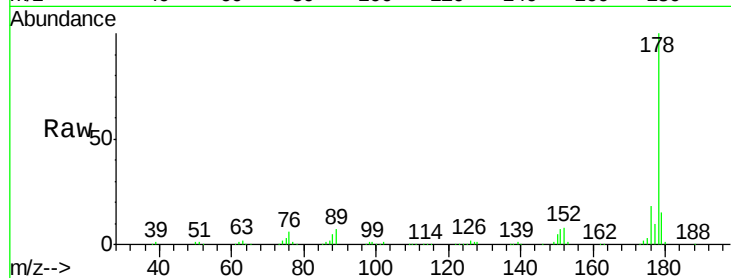
#71
 Anthracene
 Concen: 43.50 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

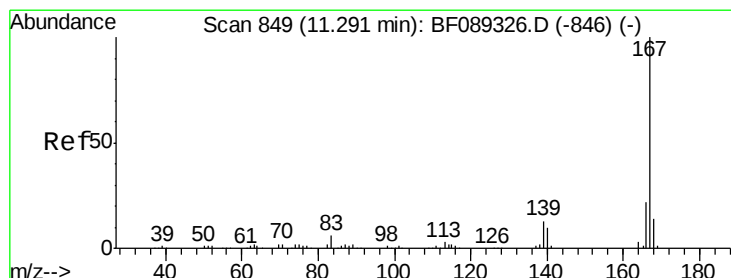
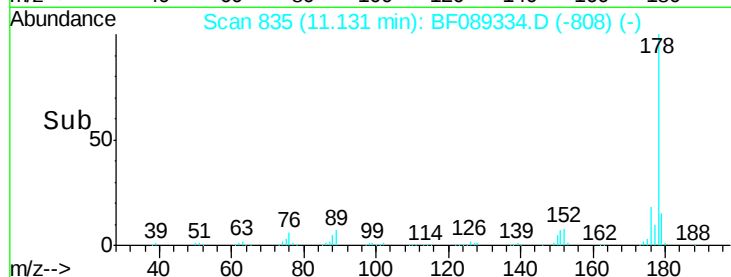
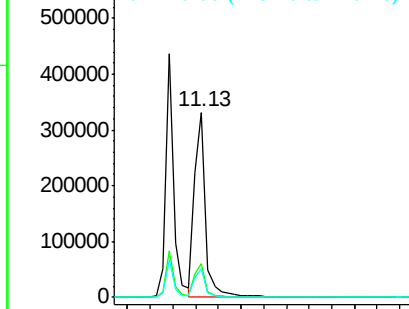
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.4	14.8	22.2	
179	15.2	12.6	18.8	

Manual Integrations

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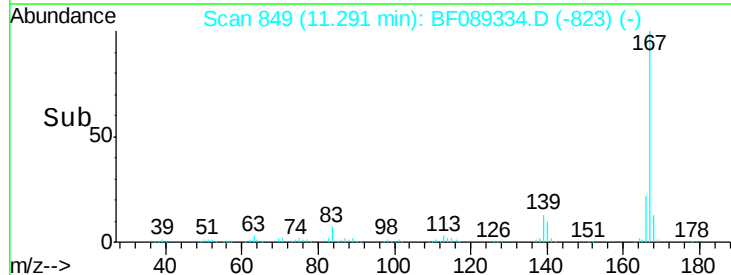
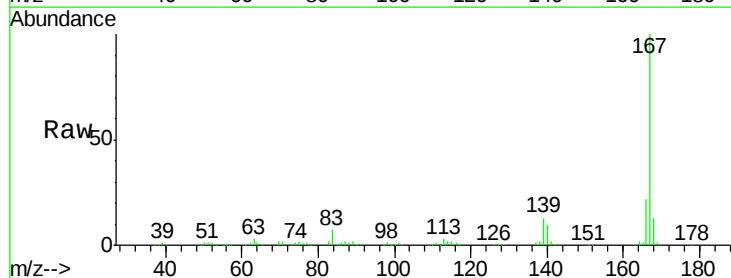
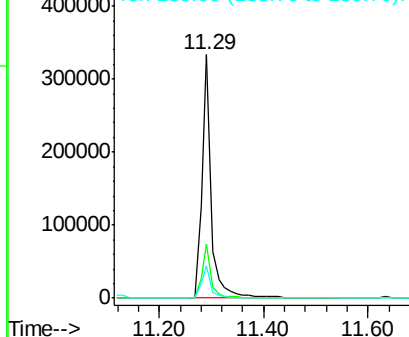
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

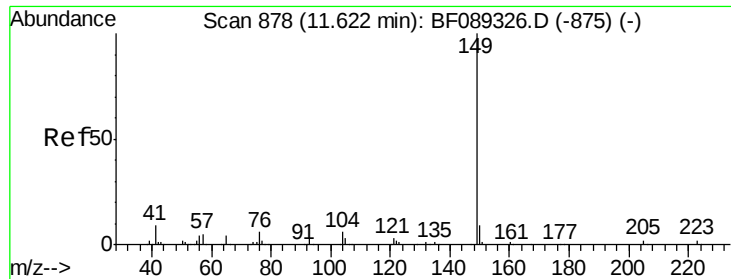


#72
 Carbazole
 Concen: 47.02 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	17.6	26.4	
139	13.4	10.1	15.1	

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.03 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:149 Resp: 498202

Ion Ratio Lower Upper

149 100

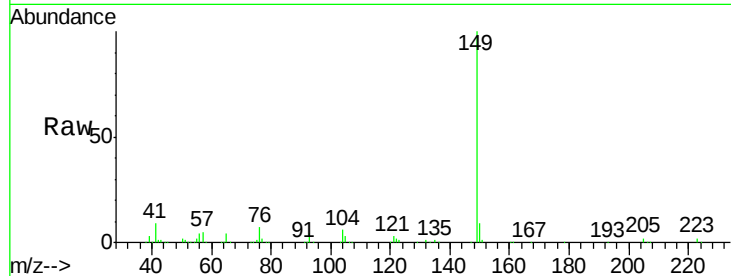
150 9.5 7.4 11.0

104 5.9 4.7 7.1

Manual Integrations

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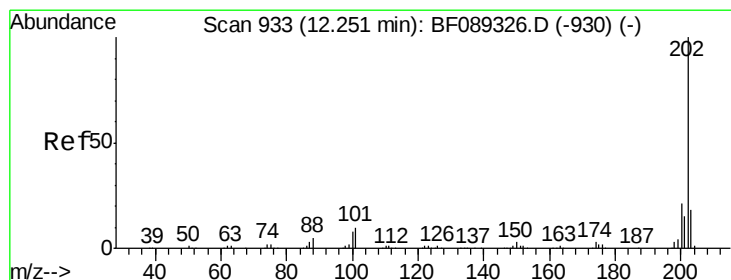
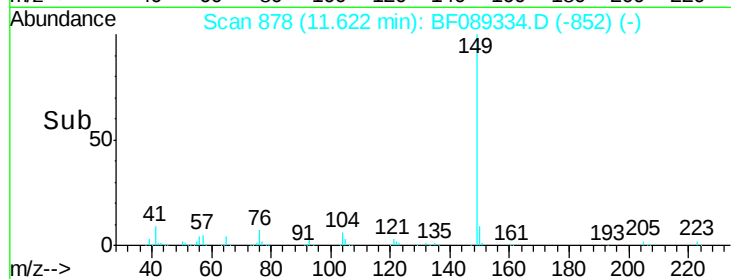
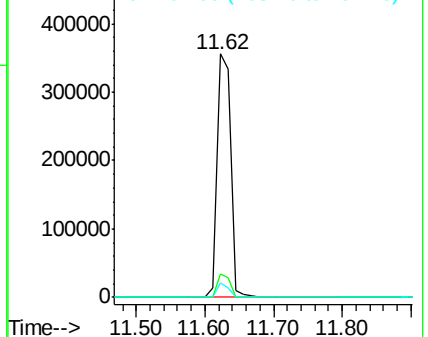
7/28/2016 4:56:13 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.52 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

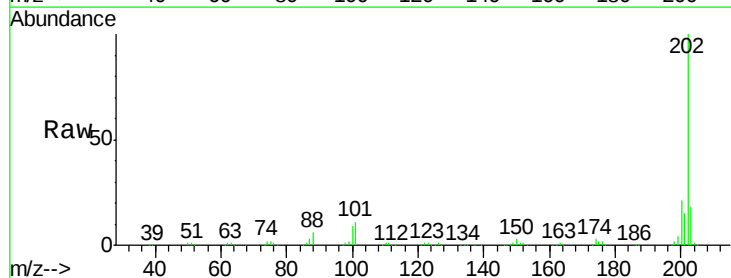
Tgt Ion:202 Resp: 461967

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.9

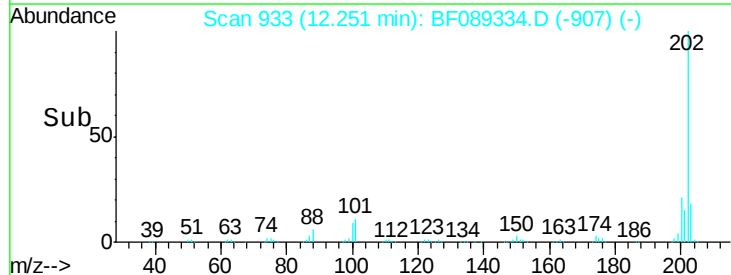
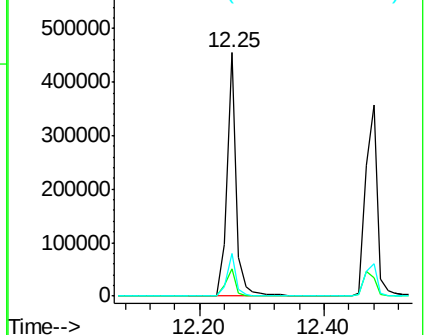
203 17.6 0.0 37.3

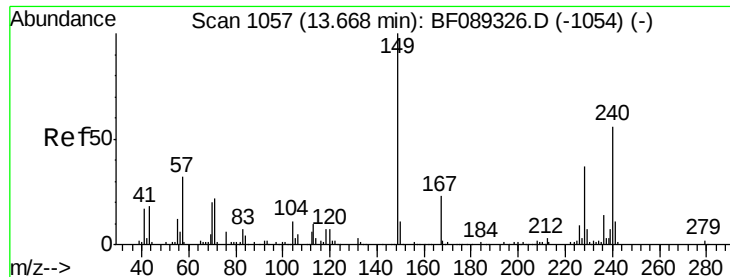


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:240 Resp: 137683

Ion Ratio Lower Upper

240 100

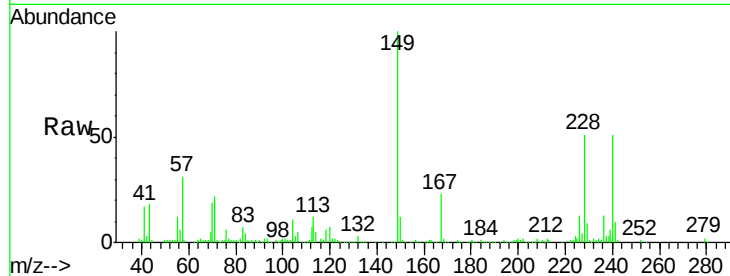
120 14.1 9.1 13.7#

236 25.3 20.6 30.8

Manual Integrations

sohil

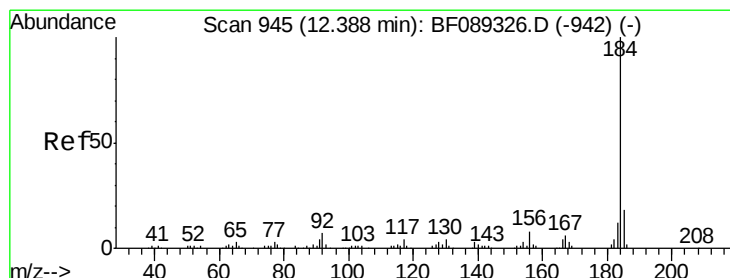
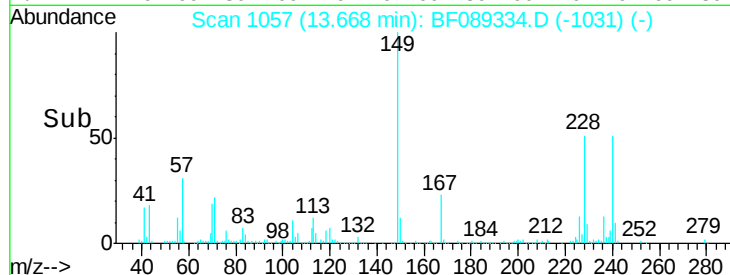
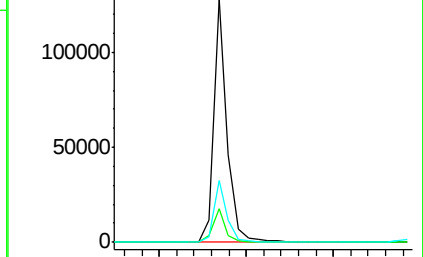
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.95 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

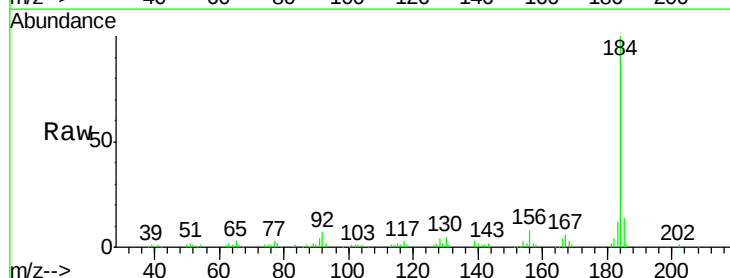
Tgt Ion:184 Resp: 137089

Ion Ratio Lower Upper

184 100

185 14.3 13.5 20.3

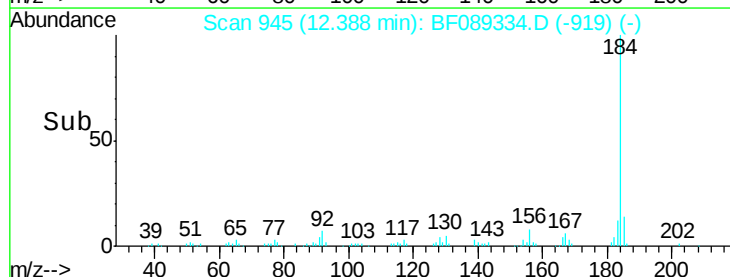
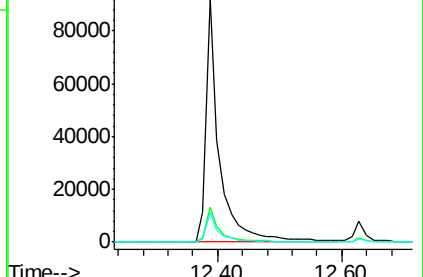
183 12.1 9.8 14.6

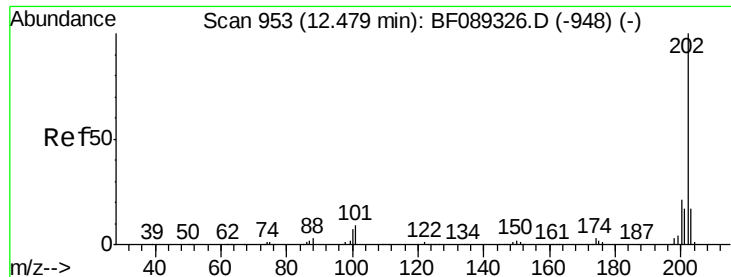


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





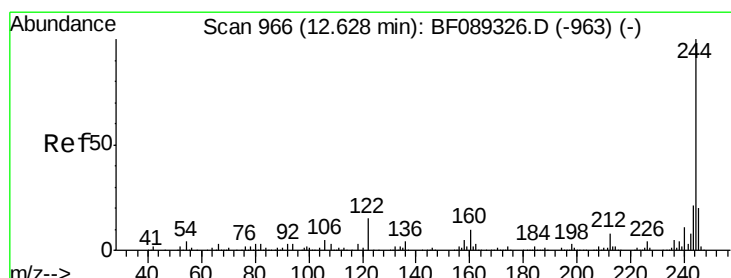
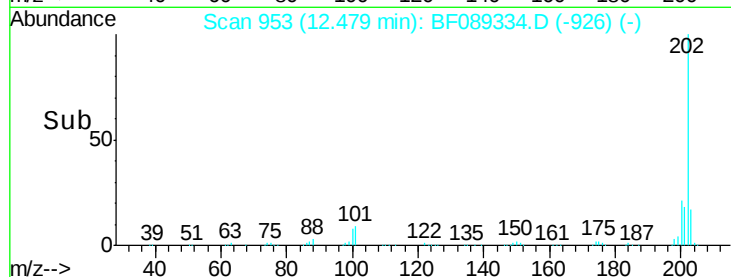
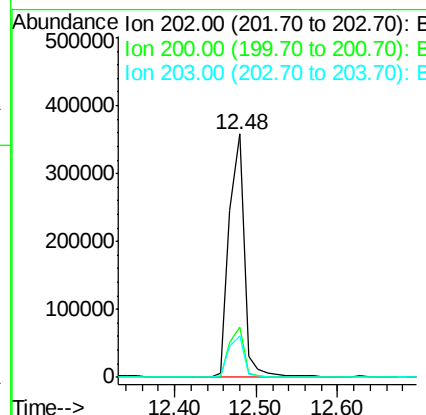
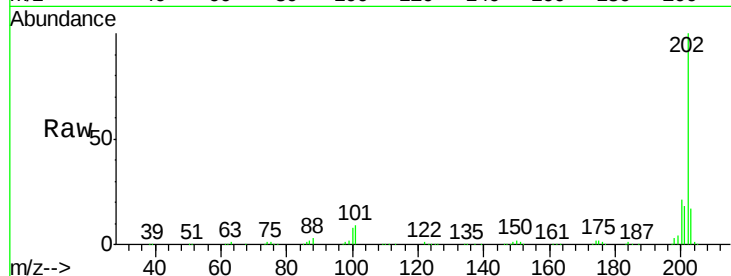
#77
Pvrene
Concen: 43.96 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	16.8	14.0	21.0

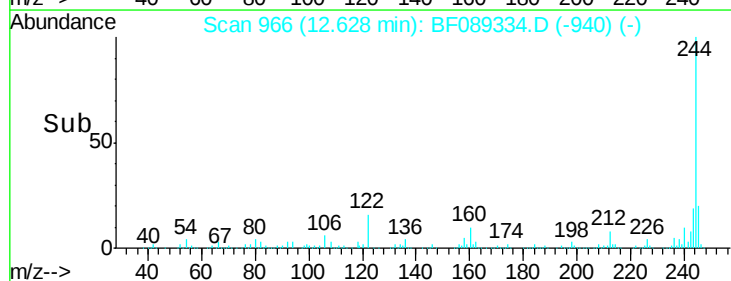
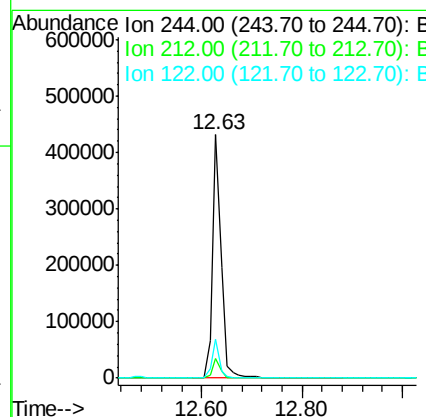
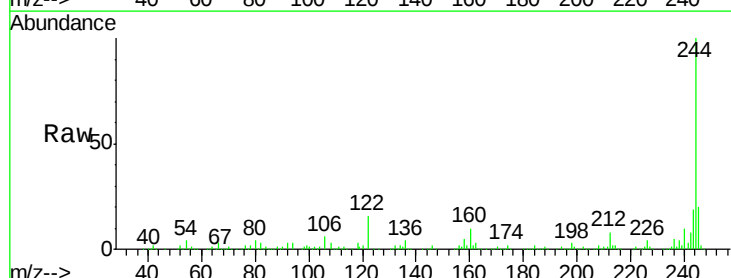
Manual Integrations

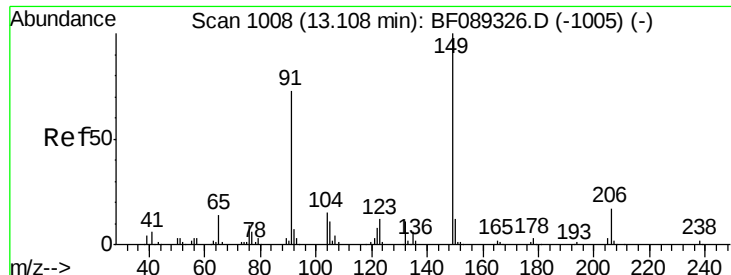
sohil
7/28/2016 4:56:13 PM



#78
Terphenyl-d14
Concen: 87.57 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	16.1	11.4	17.0





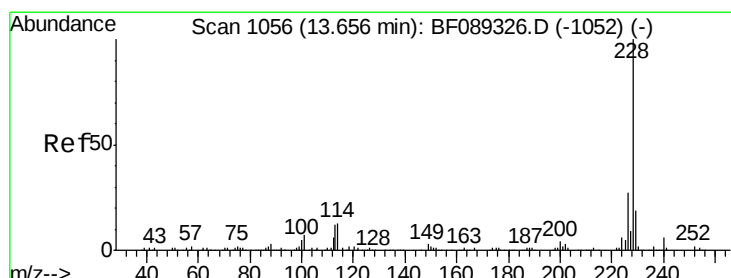
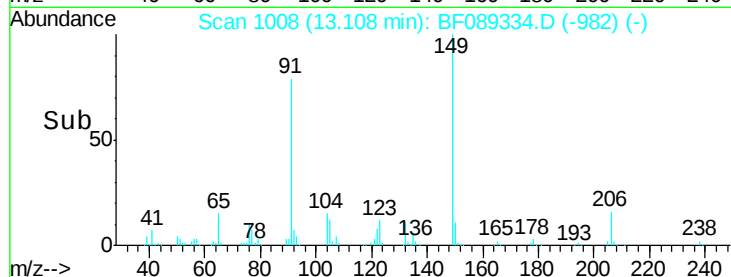
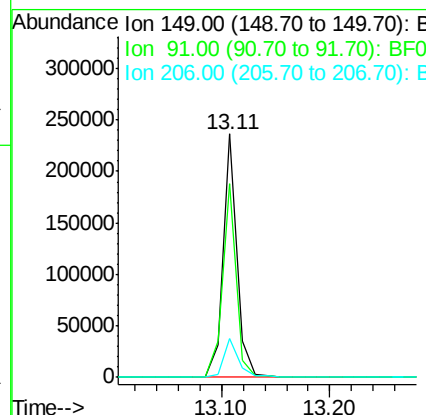
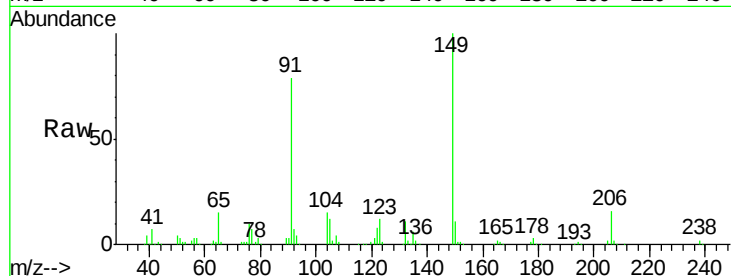
#79
Butylbenzylphthalate
Concen: 45.00 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	58.5	87.7
206	15.9	13.8	20.8

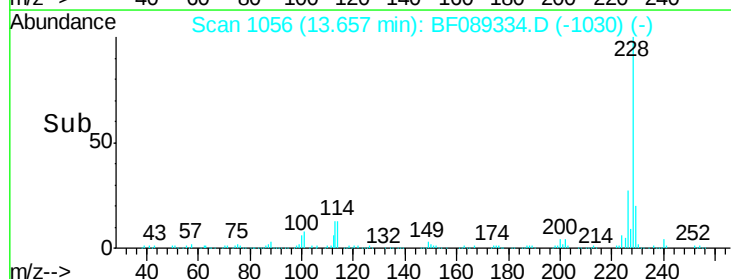
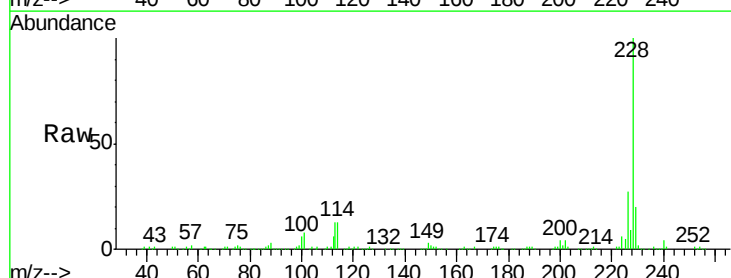
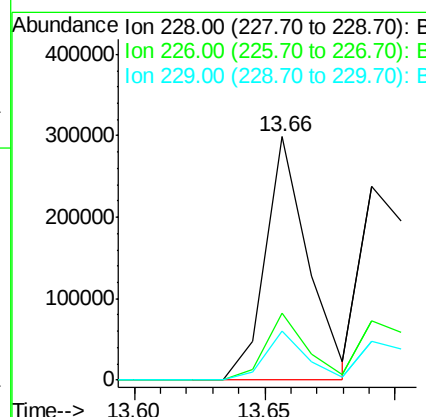
Manual Integrations

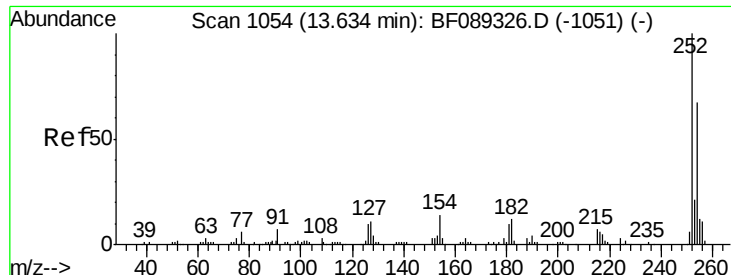
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#80
Benzo(a)anthracene
Concen: 43.78 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.2
229	20.2	15.9	23.9





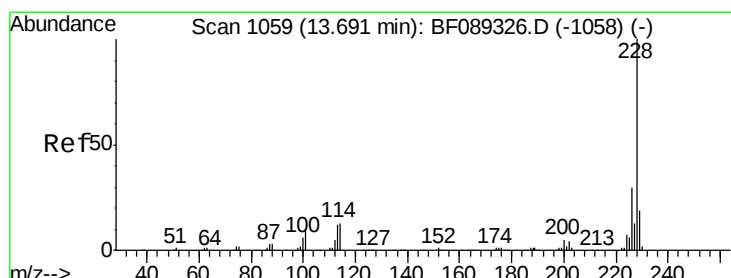
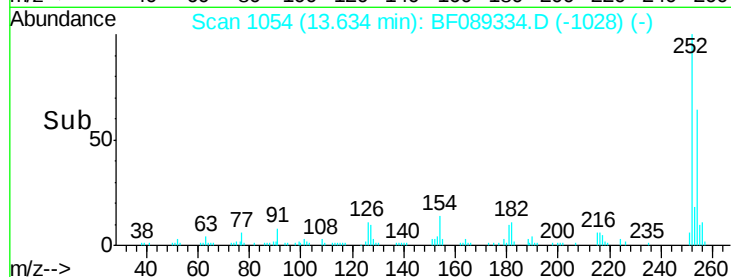
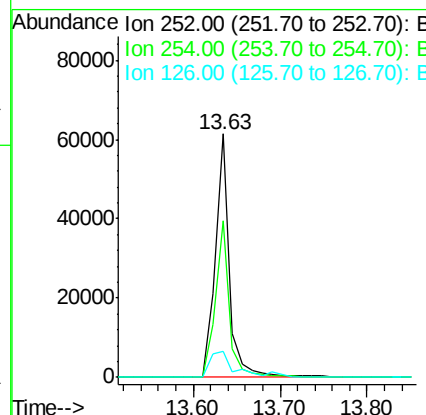
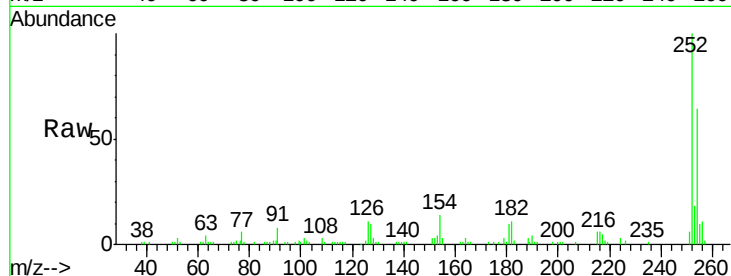
#81
 3,3'-Dichlorobenzidine
 Concen: 25.16 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.5	78.7
126	10.5	7.4	11.2

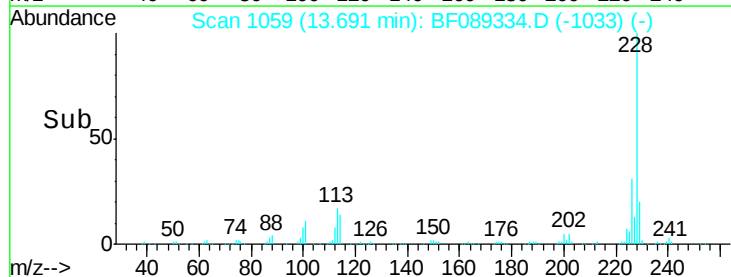
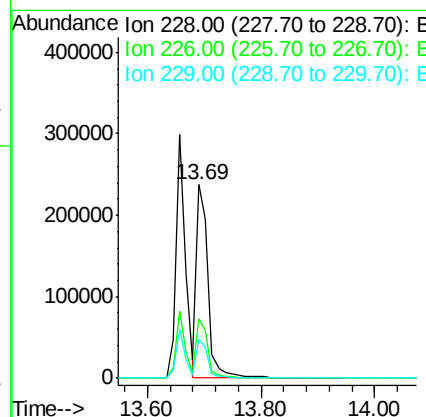
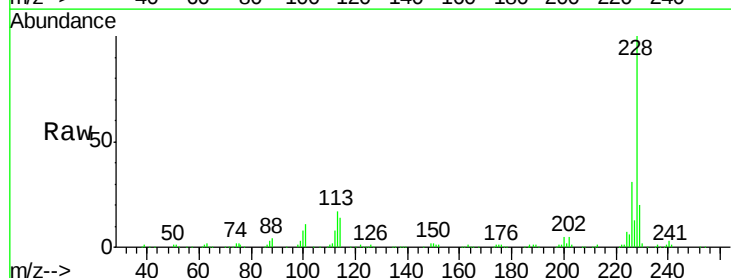
Manual Integrations

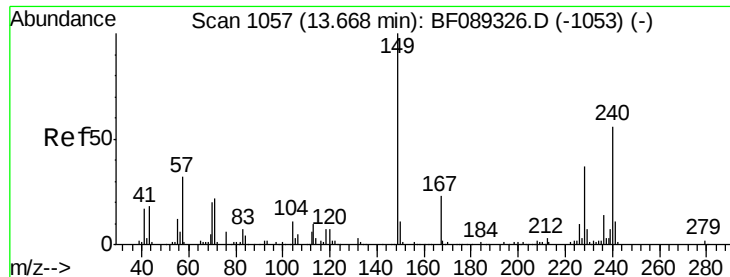
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 7/28/2016 4:56:13 PM



#82
 Chrysene
 Concen: 41.51 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.9	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.15 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

Tot Ion:149 Resp: 295930

Ion Ratio Lower Upper

149 100

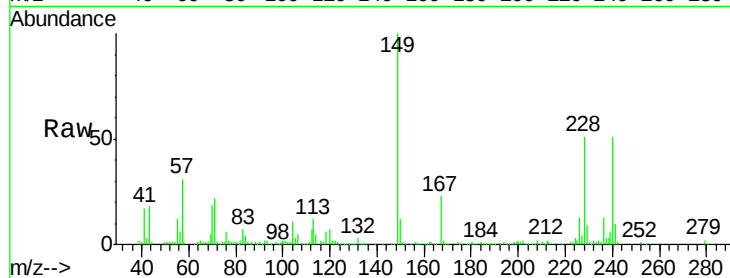
167 22.9 18.8 28.2

279 1.8 1.4 2.0

Manual Integrations

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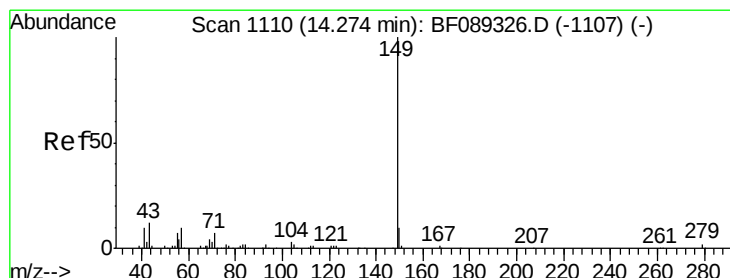
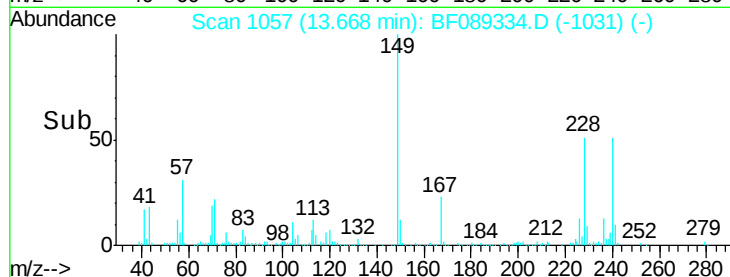
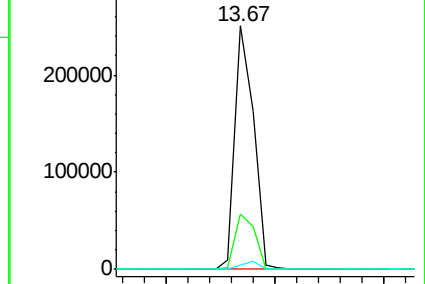
7/28/2016 4:56:13 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.03 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

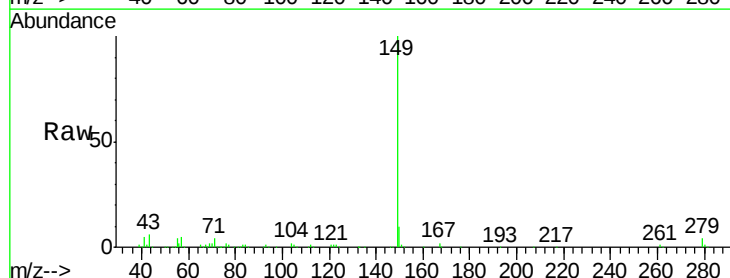
Tgt Ion:149 Resp: 503281

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

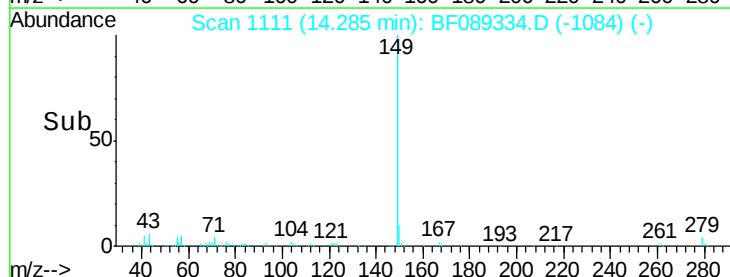
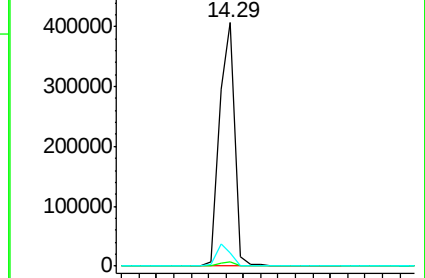
43 8.5 7.3 10.9

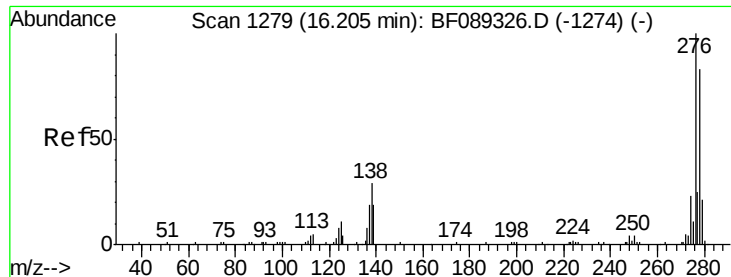


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





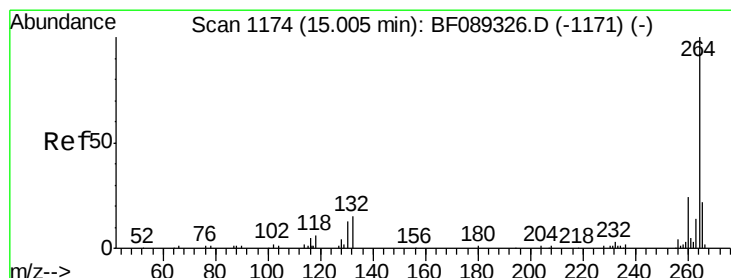
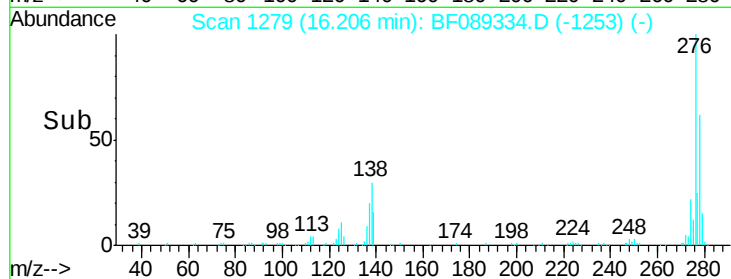
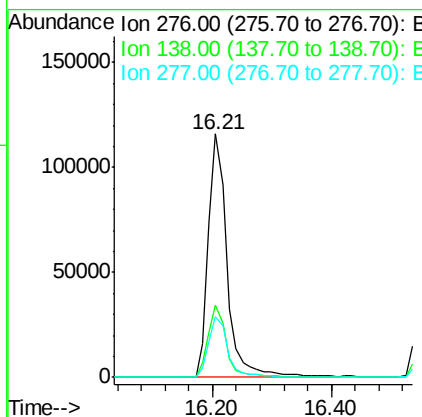
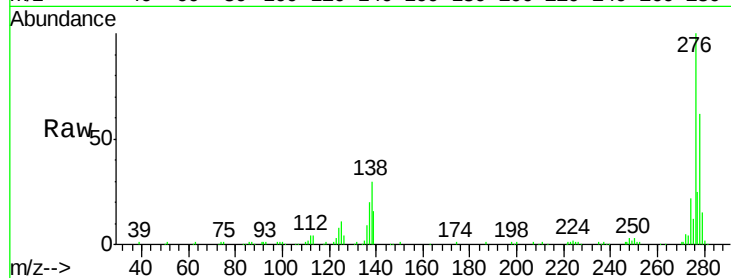
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.71 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.0	34.4
277	25.4	20.2	30.4

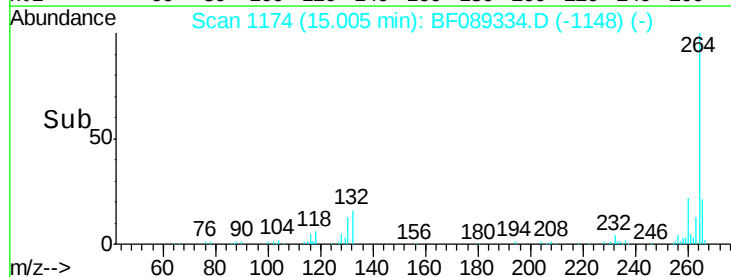
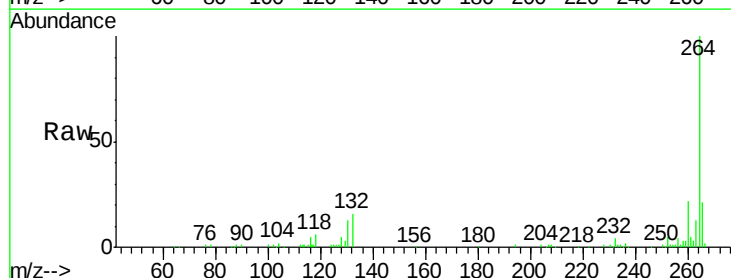
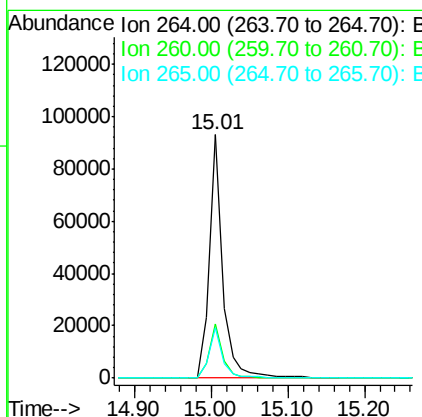
Manual Integrations

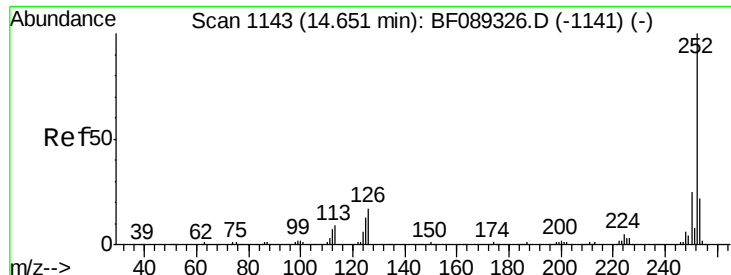
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7/28/2016 4:56:13 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	20.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.97 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089334.D

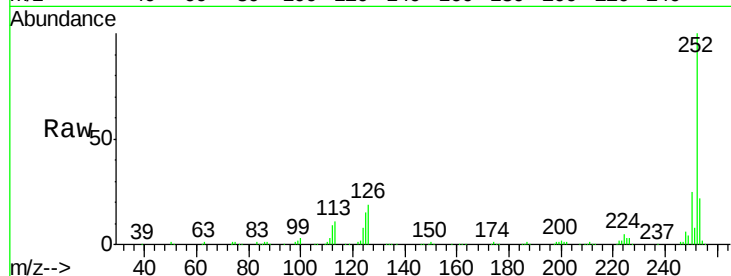
Acq: 27 Jul 2016 17:51

Instrument :

BNA_F

ClientSampleId :

PB92421BS

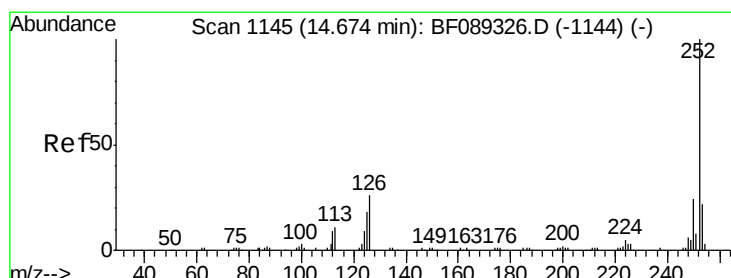
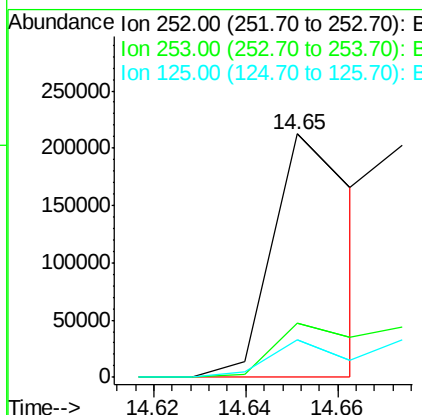
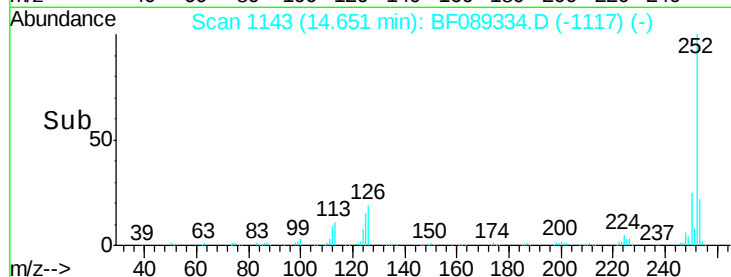


Tot Ion:	252	Resp:	268674
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	15.2	9.7	14.5

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 50.02 ng m

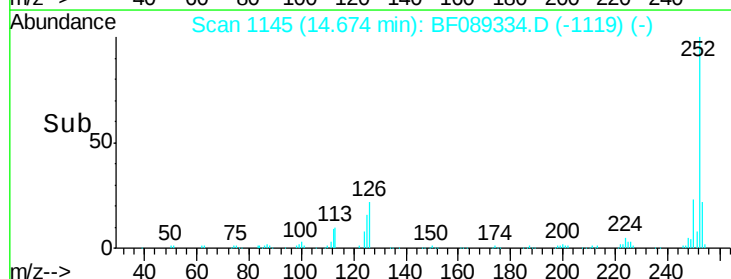
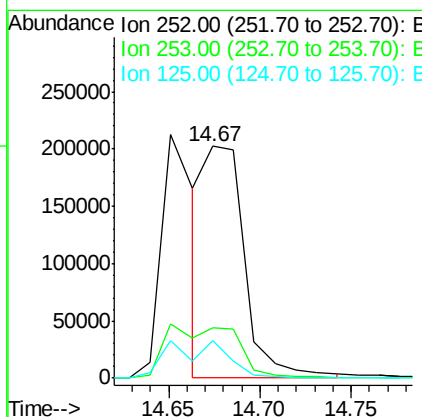
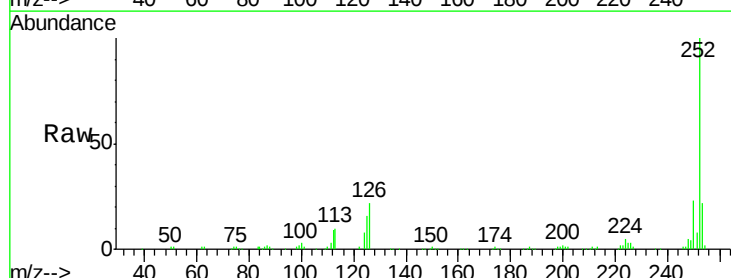
RT: 14.67 min Scan# 1145

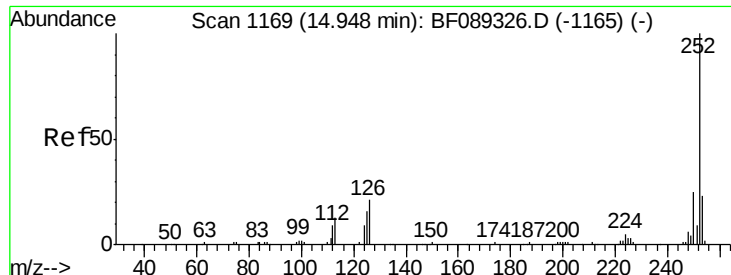
Delta R.T. 0.00 min

Lab File: BF089334.D

Acq: 27 Jul 2016 17:51

Tgt Ion:	252	Resp:	317070
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	16.0	10.7	16.1





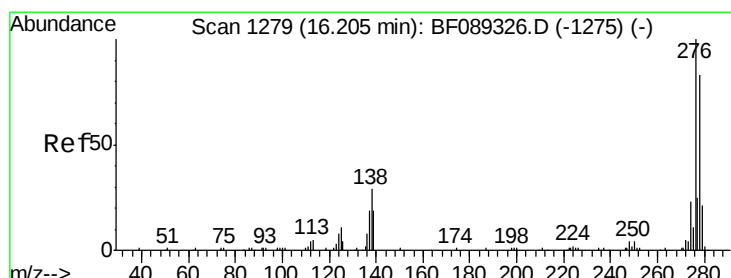
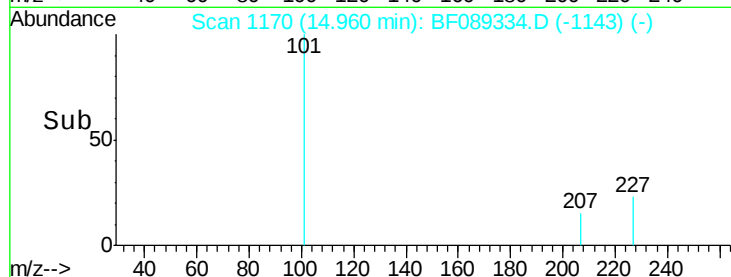
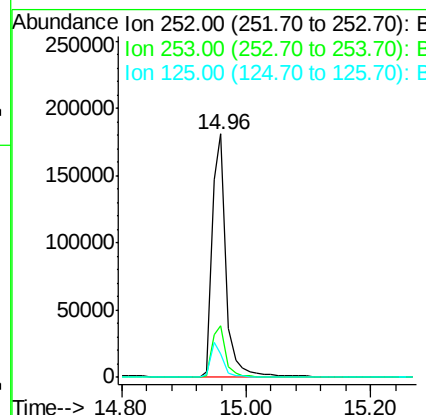
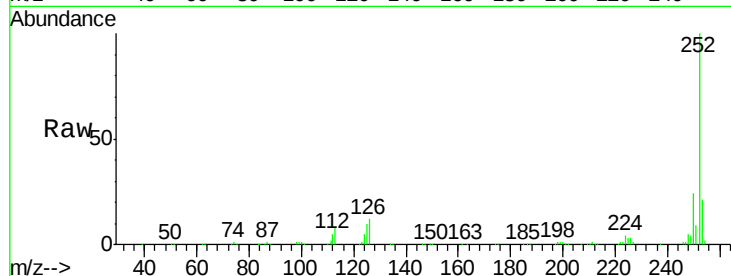
#89
Benzo(a)pyrene
Concen: 44.63 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Instrument :
BNA_F
ClientSampleId :
PB92421BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	9.9	12.4	18.6

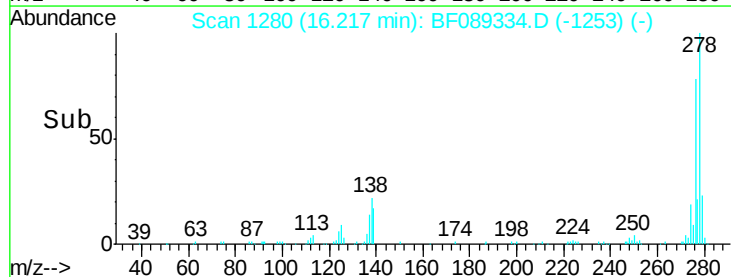
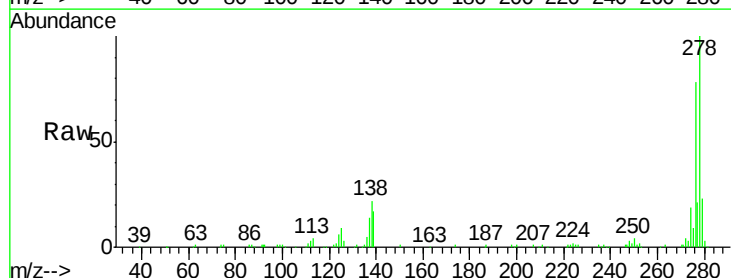
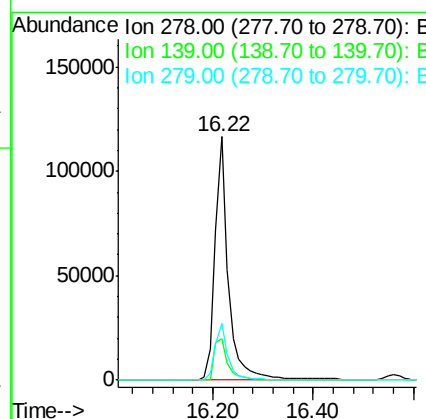
Manual Integrations

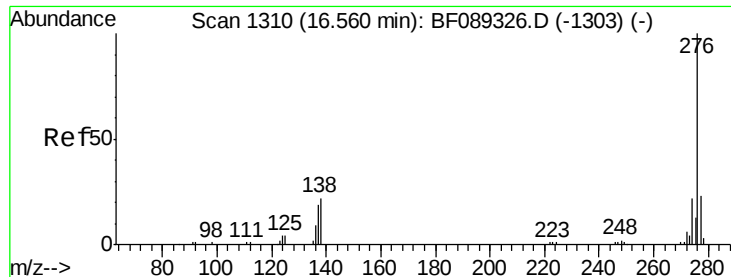
sohil
7/28/2016 4:56:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.39 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089334.D
Acq: 27 Jul 2016 17:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.3	24.5
279	23.3	19.1	28.7





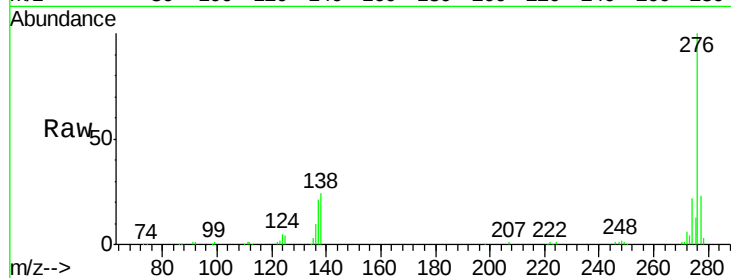
#91
 Benzo(a,h,i)perylene
 Concen: 44.26 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089334.D
 Acq: 27 Jul 2016 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB92421BS

Tot Ion:	276	Resp:	211975
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	28.0
138	23.8	21.4	32.0

Manual Integrations

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

