

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089332.D
 Acq On : 27 Jul 2016 16:53
 Operator : UM/SJ
 Sample : PB92412BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Manual Integrations

sohil
 7/28/2016 4:57:22 PM

Quant Time: Jul 28 01:06:43 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	44846	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	195293	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	94630	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	181451	20.00	ng	0.00
75) Chrysene-d12	13.67	240	133745	20.00	ng	0.00
86) Perylene-d12	15.01	264	111913	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	365698	130.21	ng	0.02
7) Phenol-d6	6.20	99	484584	130.55	ng	0.00
23) Nitrobenzene-d5	7.12	82	315160	95.25	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	101031	128.91	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	610943	94.75	ng	0.00
78) Terphenyl-d14	12.63	244	509234	89.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	47046	36.68	ng	# 95
3) Pyridine	2.65	79	111127	40.44	ng	99
4) n-Nitrosodimethylamine	2.63	42	48711	43.85	ng	95
6) Aniline	6.22	93	131010	32.69	ng	# 43
8) 2-Chlorophenol	6.33	128	152962	48.15	ng	94
9) Benzaldehyde	6.09	77	61101	33.71	ng	99
10) Phenol	6.22	94	184197	44.97	ng	84
11) bis(2-Chloroethyl)ether	6.30	93	153513	44.11	ng	97
12) 1,3-Dichlorobenzene	6.48	146	152329	45.84	ng	99
13) 1,4-Dichlorobenzene	6.56	146	163597	44.61	ng	99
14) 1,2-Dichlorobenzene	6.72	146	150742	43.88	ng	97
15) Benzyl Alcohol	6.71	79	124211	53.92	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	164892	43.44	ng	83
17) 2-Methylphenol	6.83	107	112150	45.67	ng	96
18) Hexachloroethane	7.05	117	62429	44.40	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	112444	50.24	ng	95
20) 3+4-Methylphenols	6.98	107	149543	47.42	ng	95
22) Acetophenone	6.97	105	196719	42.31	ng	98
24) Nitrobenzene	7.14	77	153881	40.86	ng	100
25) Isophorone	7.38	82	303435	45.53	ng	100
26) 2-Nitrophenol	7.46	139	75253	44.70	ng	99
27) 2,4-Dimethylphenol	7.51	122	124375	46.37	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	184801	50.09	ng	99
29) 2,4-Dichlorophenol	7.70	162	125587	51.39	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	126447	45.35	ng	100
31) Naphthalene	7.85	128	452168	46.76	ng	99
32) Benzoic acid	7.68	122	66925	35.81	ng	96
33) 4-Chloroaniline	7.92	127	69830	18.97	ng	98
34) Hexachlorobutadiene	7.98	225	72166	45.19	ng	99
35) Caprolactam	8.30	113	36284m	49.19	ng	
36) 4-Chloro-3-methylphenol	8.42	107	143344	49.35	ng	92
37) 2-Methylnaphthalene	8.55	142	280863	48.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	108083	32.64	ng	99
40) Hexachlorocyclopentadiene	8.70	237	94762	98.12	ng	98

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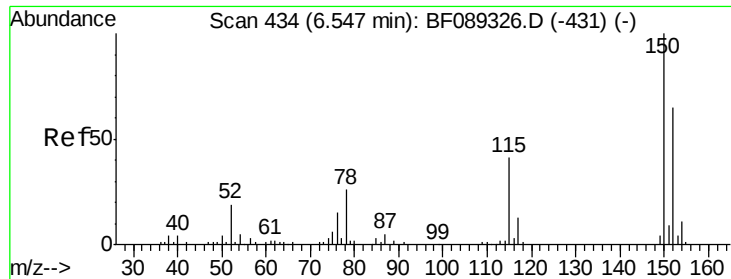
Manual Integrations

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 7/28/2016 4:57:22 PM

Quant Time: Jul 28 01:06:43 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)
42) 2,4,6-Trichlorophenol	8.83	196	76670	48.70	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	91557	45.91	nq	99
45) 1,1'-Biphenyl	9.00	154	300356	37.28	nq	99
46) 2-Chloronaphthalene	9.03	162	271660	44.90	nq	99
47) 2-Nitroaniline	9.14	65	85441	47.68	nq	99
48) Acenaphthylene	9.44	152	437577	45.91	nq	100
49) Dimethylphthalate	9.32	163	330411	45.88	nq	100
50) 2,6-Dinitrotoluene	9.38	165	73346	49.57	nq	# 87
51) Acenaphthene	9.61	154	255316	45.87	nq	99
52) 3-Nitroaniline	9.55	138	37373	23.93	nq	93
53) 2,4-Dinitrophenol	9.67	184	74167	97.03	nq	86
54) Dibenzofuran	9.78	168	363418	47.92	nq	97
55) 4-Nitrophenol	9.74	139	70764m	92.03	nq	
56) 2,4-Dinitrotoluene	9.79	165	94645	48.58	nq	# 62
57) Fluorene	10.12	166	315452	47.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	70552	52.99	nq	# 95
59) Diethylphthalate	10.02	149	352635	48.30	nq	95
60) 4-Chlorophenyl-phenylether	10.12	204	133961	44.11	nq	99
61) 4-Nitroaniline	10.17	138	69217	43.00	nq	91
62) Azobenzene	10.28	77	359012	47.74	nq	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	46742	43.16	nq	# 55
65) n-Nitrosodiphenylamine	10.25	169	258656	45.68	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	83796	48.37	nq	# 90
67) Hexachlorobenzene	10.66	284	76524	43.10	nq	92
68) Atrazine	10.78	200	76956	44.24	nq	97
69) Pentachlorophenol	10.87	266	76670	88.45	nq	98
70) Phenanthrene	11.07	178	445013	47.55	nq	100
71) Anthracene	11.13	178	476028	45.75	nq	99
72) Carbazole	11.29	167	427653	48.83	nq	99
73) Di-n-butylphthalate	11.62	149	519385	44.20	nq	100
74) Fluoranthene	12.25	202	472788	48.03	nq	97
76) Benzidine	12.39	184	182572	36.94	nq	96
77) Pyrene	12.48	202	459129	45.30	nq	100
79) Butylbenzylphthalate	13.11	149	221308	48.02	nq	93
80) Benzo(a)anthracene	13.66	228	352051	46.64	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	73974	27.24	nq	98
82) Chrysene	13.70	228	366391	45.60	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	309721	46.49	nq	100
84) Di-n-octyl phthalate	14.29	149	529730	50.96	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	278232	48.71	nq	99
87) Benzo(b)fluoranthene	14.65	252	292774m	42.13	nq	
88) Benzo(k)fluoranthene	14.69	252	335933m	52.57	nq	
89) Benzo(a)pyrene	14.96	252	301531	48.36	nq	# 95
90) Dibenzo(a,h)anthracene	16.22	278	234445	47.74	nq	97
91) Benzo(g,h,i)perylene	16.56	276	223673	46.33	nq	97

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



#1

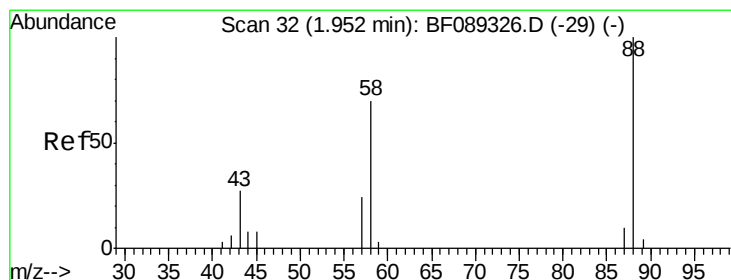
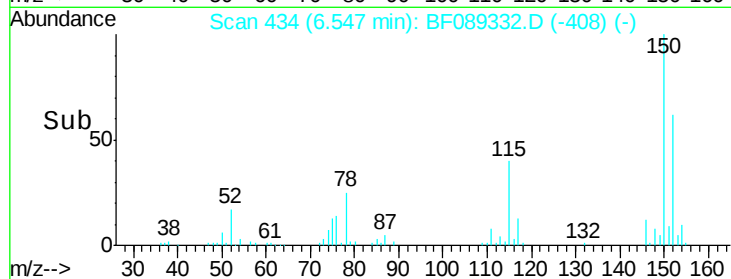
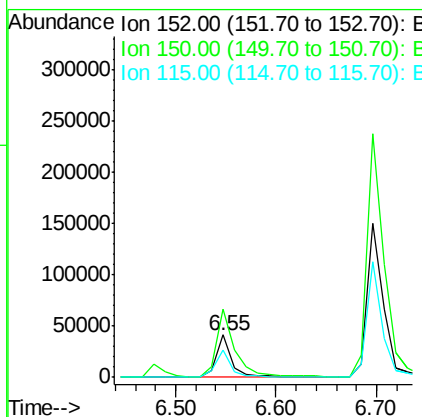
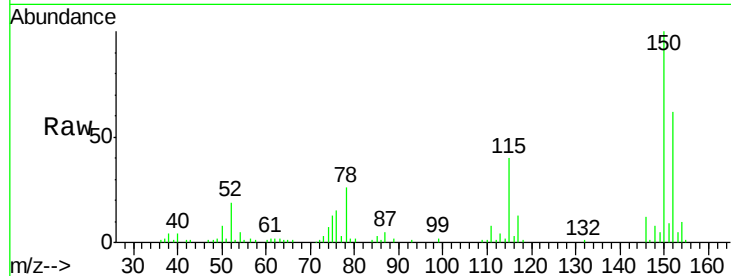
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	129.5	194.3
115	63.3	51.4	77.2

Manual Integrations

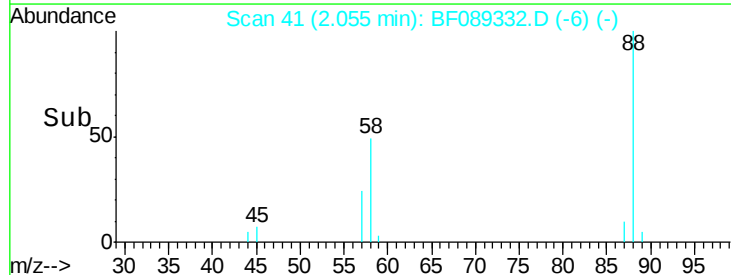
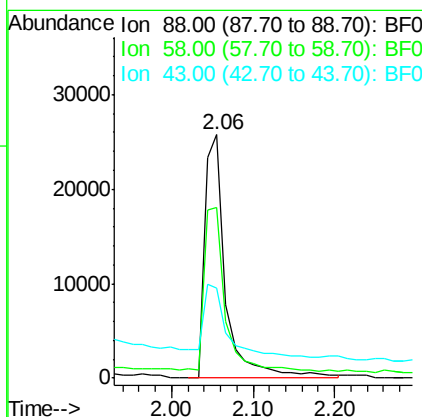
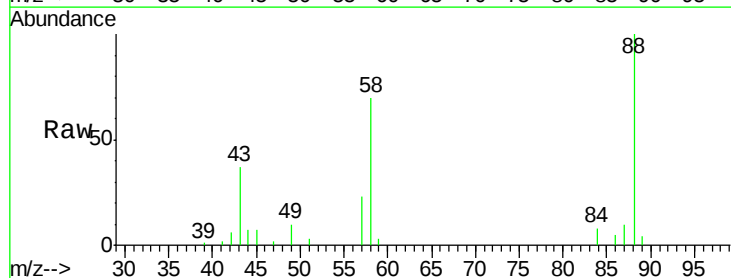
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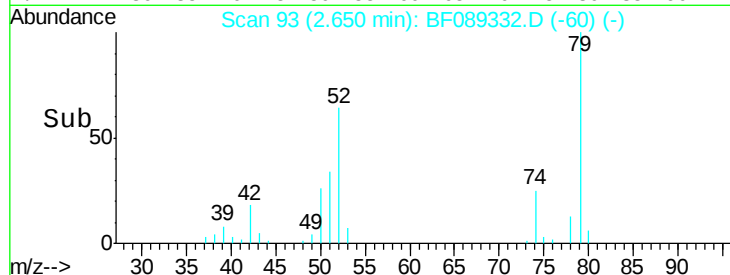
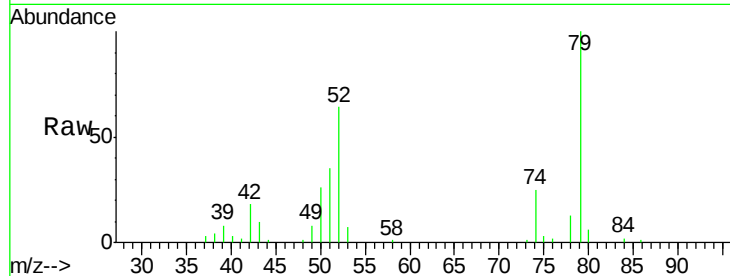
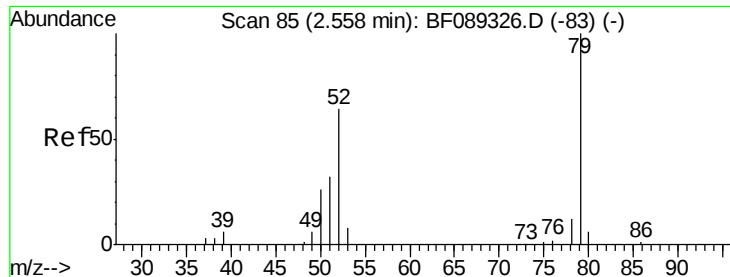


#2

1,4-Dioxane
Concen: 36.68 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.10 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.2	79.8
43	34.0	20.6	31.0





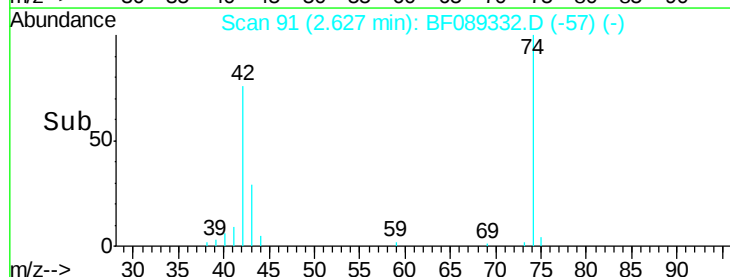
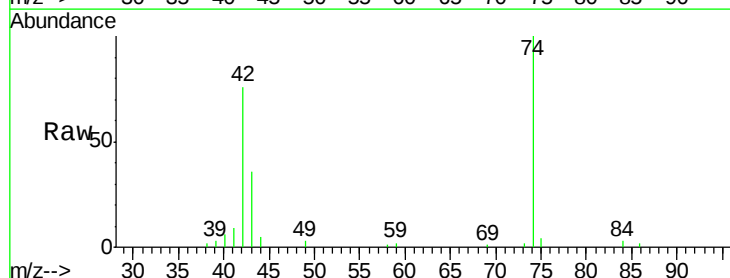
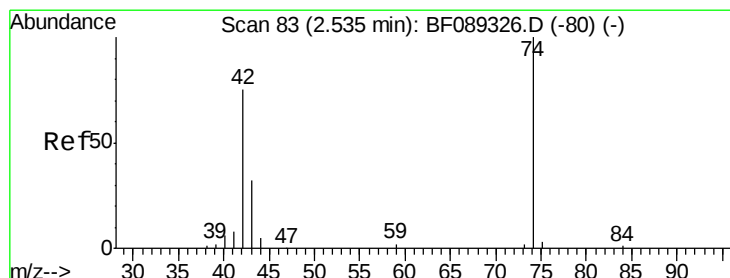
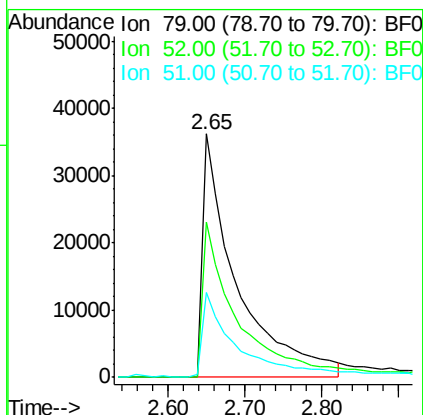
#3
Pvridine
Concen: 40.44 ng
RT: 2.65 min Scan# 93
Delta R.T. 0.08 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tot Ion:	79	Resp:	111127
Ion	Ratio	Lower	Upper
79	100		
52	63.6	51.9	77.9
51	34.8	28.2	42.4

Instrument :
BNA_F
ClientSampleId :
PB92412BS

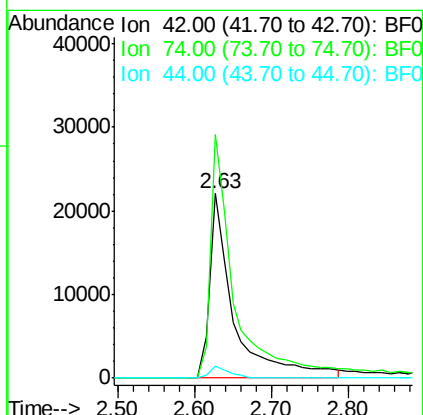
Manual Integrations

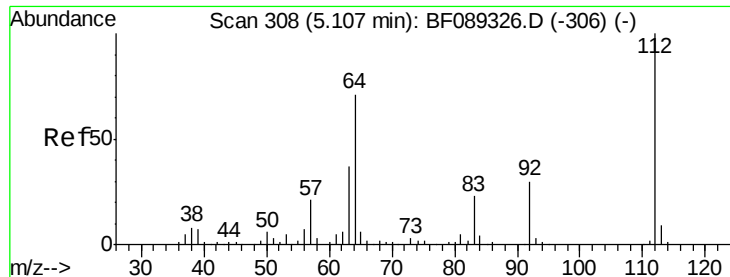
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#4
n-Nitrosodimethylamine
Concen: 43.85 ng
RT: 2.63 min Scan# 91
Delta R.T. 0.09 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:	42	Resp:	48711
Ion	Ratio	Lower	Upper
42	100		
74	131.9	110.8	166.2
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 130.21 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

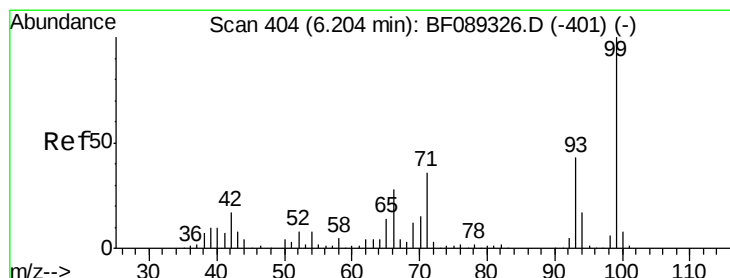
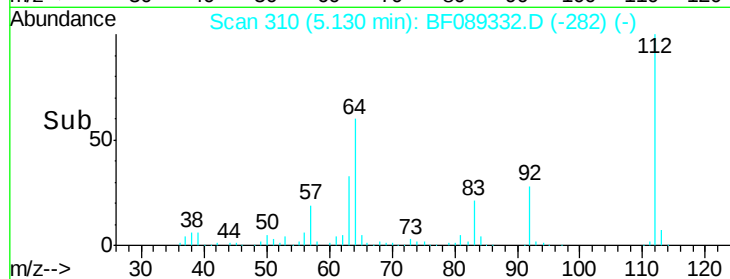
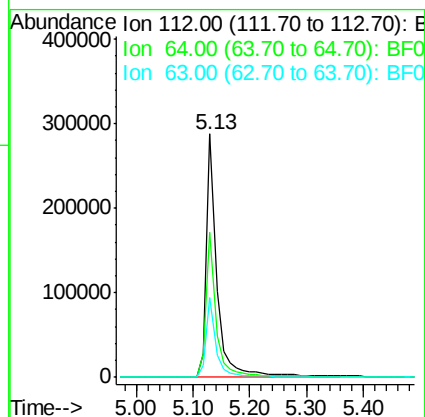
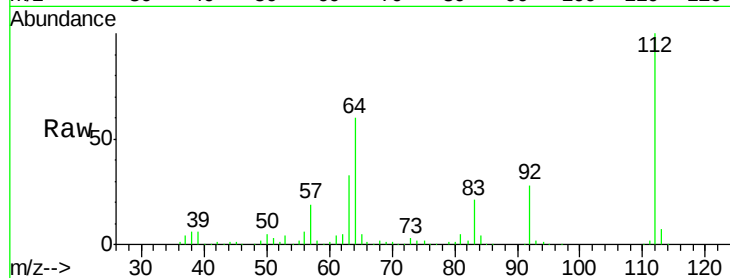
PB92412BS

Tot Ion:	112	Resp:	365698
Ion Ratio	Lower	Upper	
112	100		
64	59.8	55.0	82.6
63	32.6	29.4	44.2

Manual Integrations

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#6

Aniline

Concen: 32.69 ng

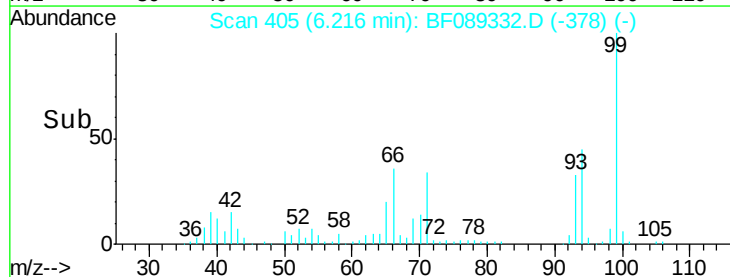
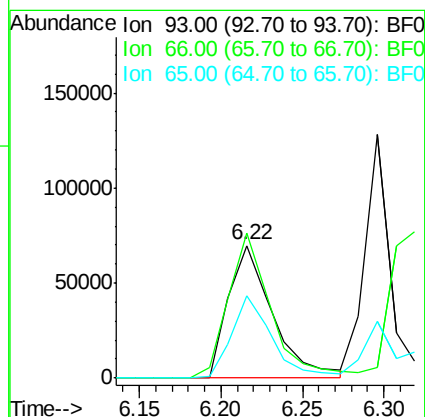
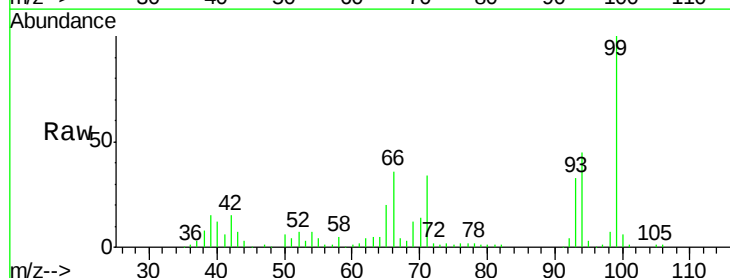
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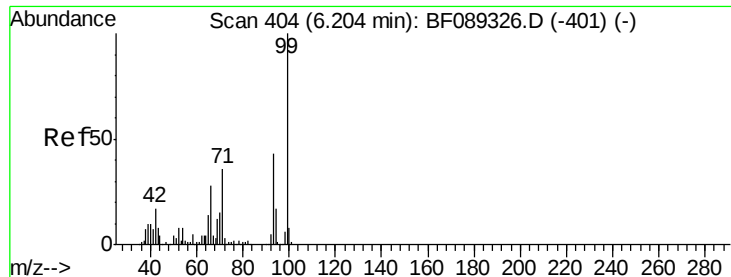
Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:	93	Resp:	131010
Ion Ratio	Lower	Upper	
93	100		
66	109.6	51.6	77.4#
65	62.1	24.7	37.1#





#7

Phenol-d6

Concen: 130.55 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion: 99 Resp: 484584

Ion Ratio Lower Upper

99 100

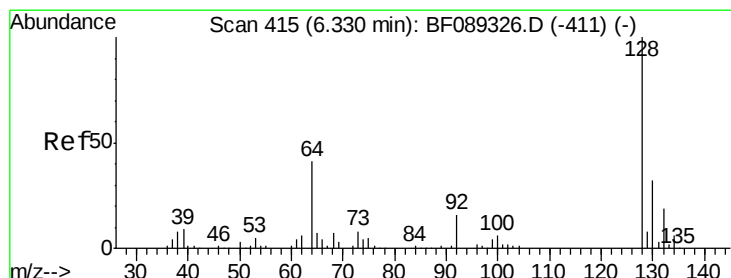
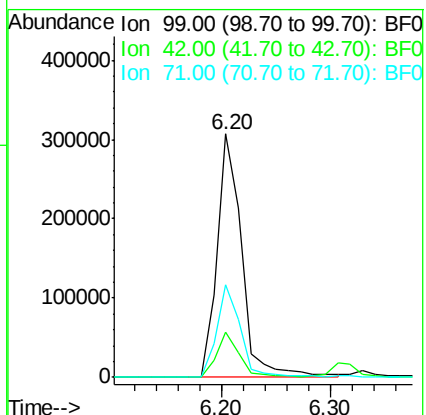
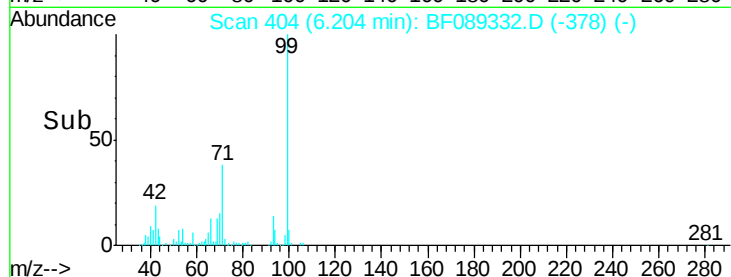
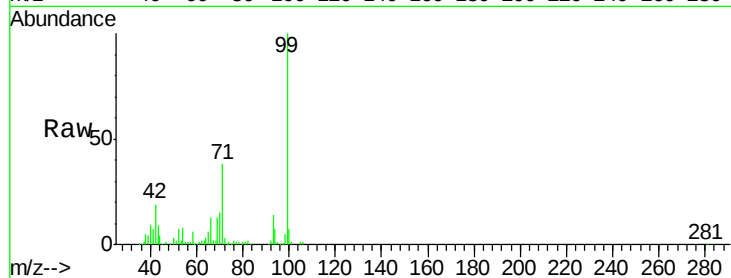
42 18.7 13.6 20.4

71 38.3 29.4 44.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 48.15 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

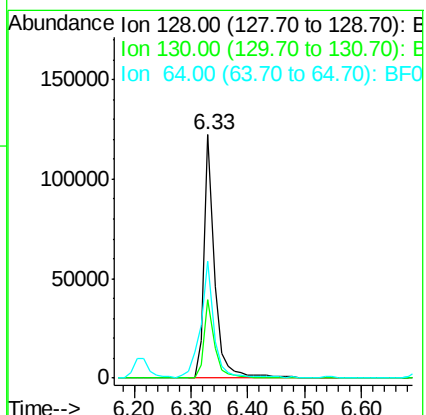
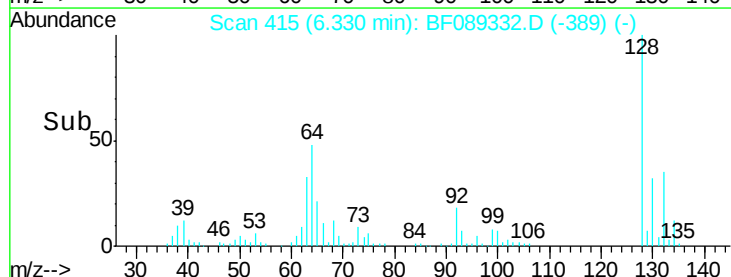
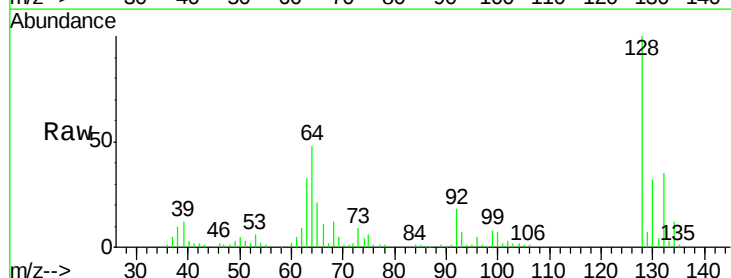
Tgt Ion: 128 Resp: 152962

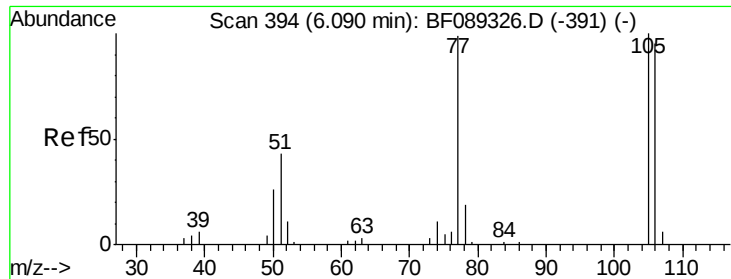
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 48.3 22.1 62.1





#9

Benzaldehyde

Concen: 33.71 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion: 77 Resp: 61101

Ion Ratio Lower Upper

77 100

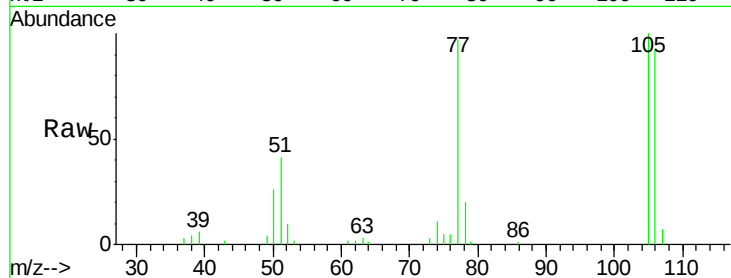
105 103.1 82.9 122.9

106 94.8 75.9 115.9

Manual Integrations

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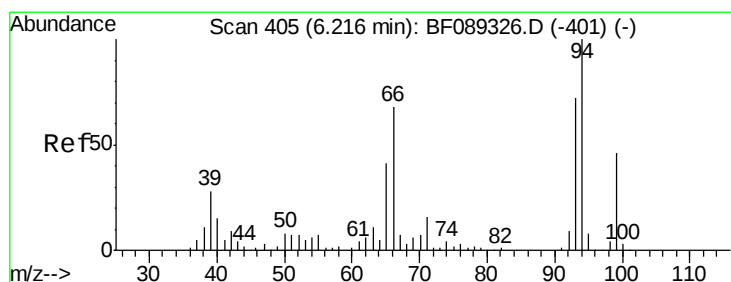
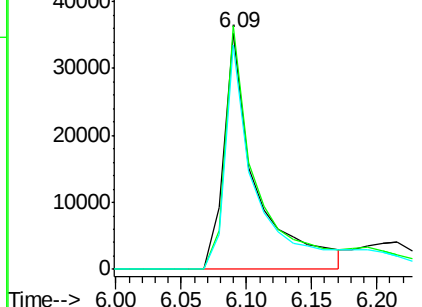
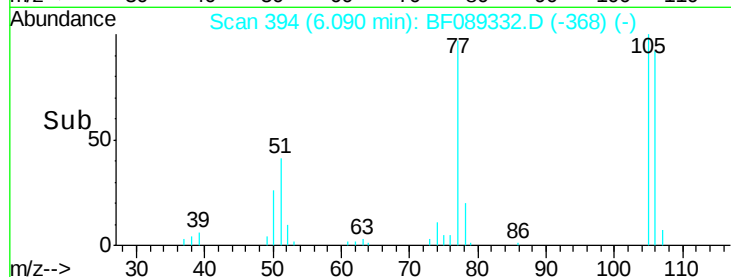
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.97 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

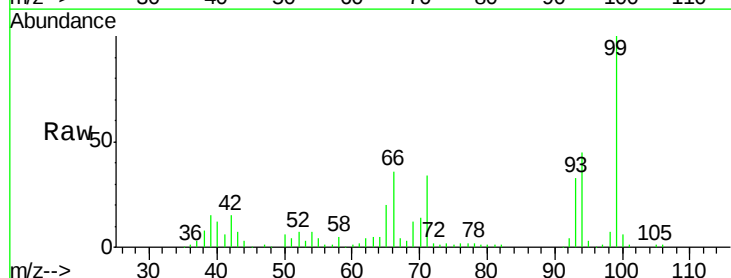
Tgt Ion: 94 Resp: 184197

Ion Ratio Lower Upper

94 100

65 45.3 19.1 59.1

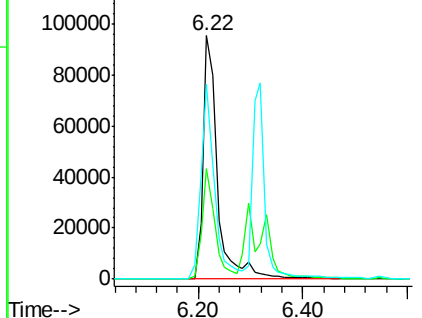
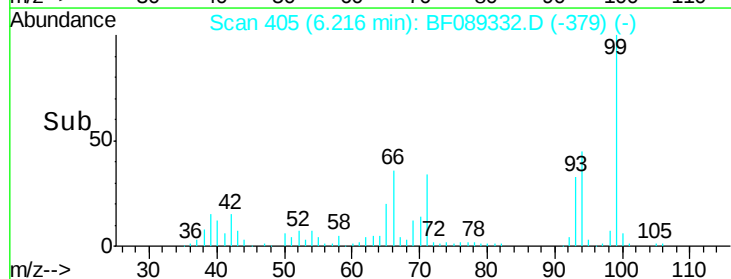
66 80.0 44.4 84.4



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





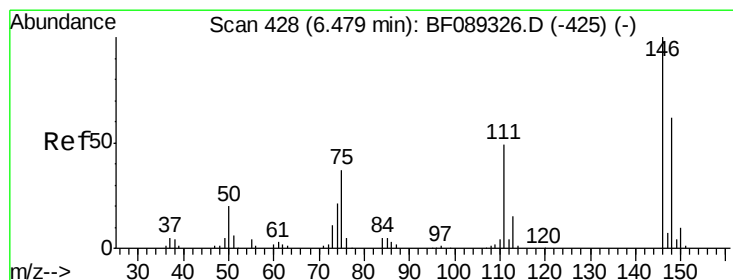
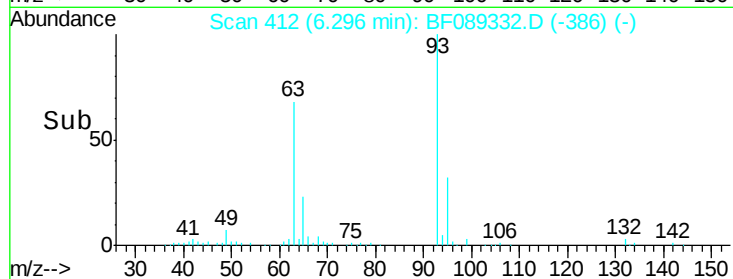
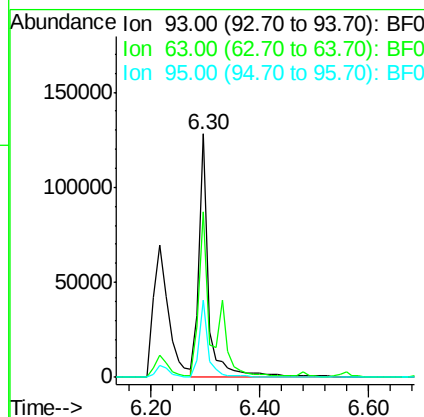
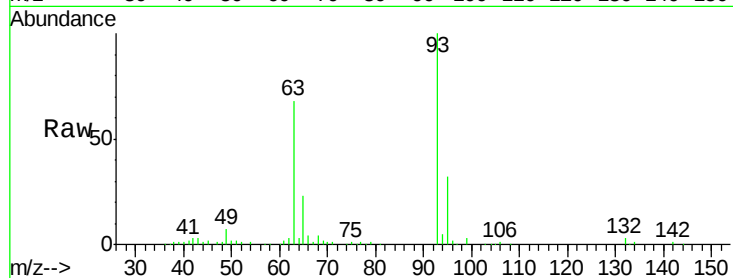
#11
bis(2-Chloroethyl)ether
Concen: 44.11 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion:	93	Resp:	153513
Ion	Ratio	Lower	Upper
93	100		
63	68.2	45.6	85.6
95	31.8	11.1	51.1

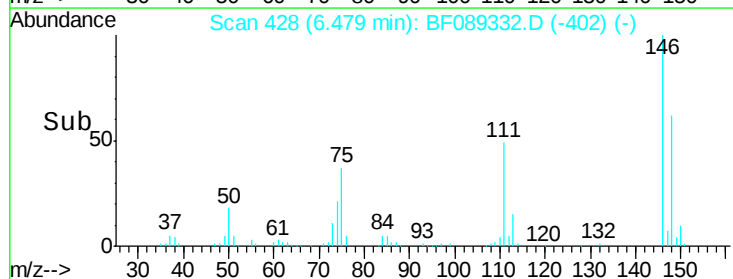
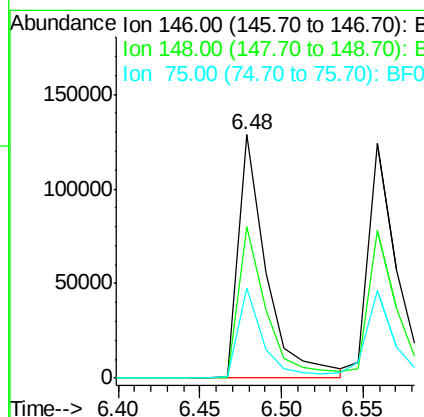
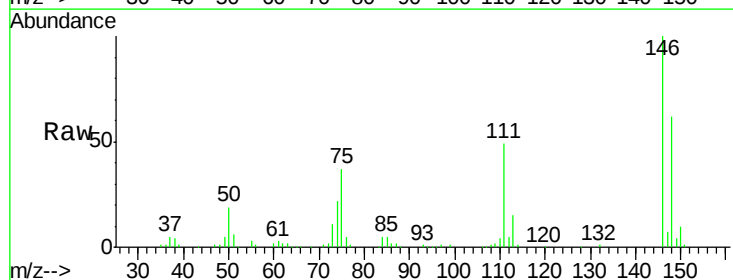
Manual Integrations

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#12
1,3-Dichlorobenzene
Concen: 45.84 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion:	146	Resp:	152329
Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.5	75.7
75	36.8	30.0	45.0





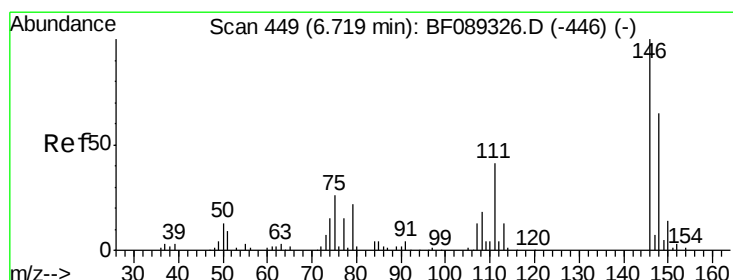
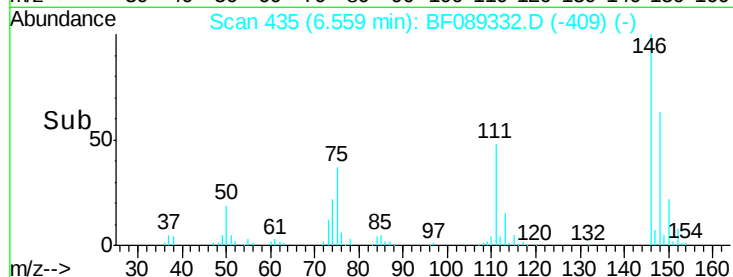
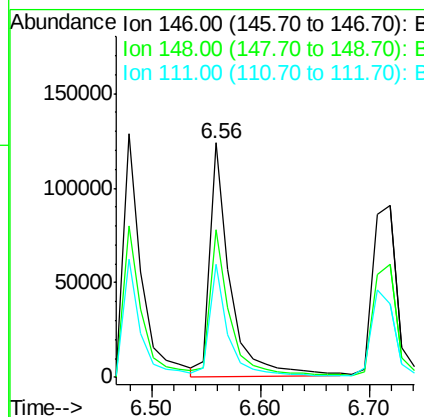
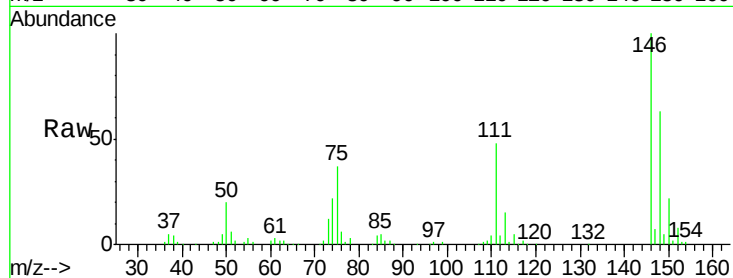
#13
 1,4-Dichlorobenzene
 Concen: 44.61 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	48.1	38.6	57.8

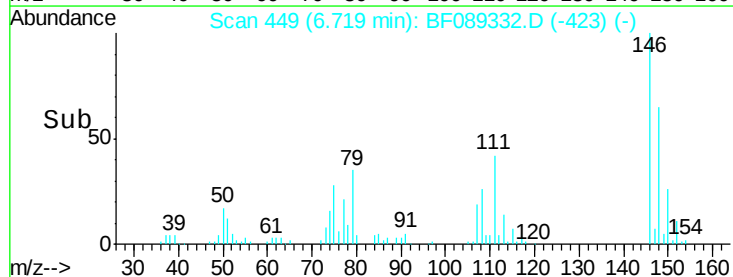
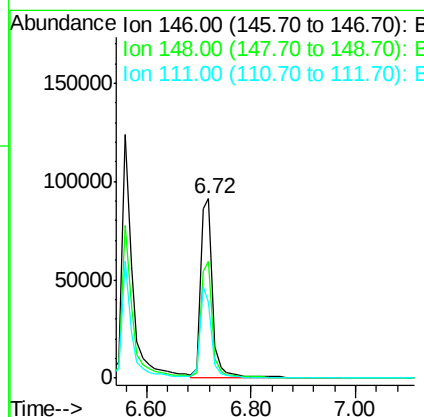
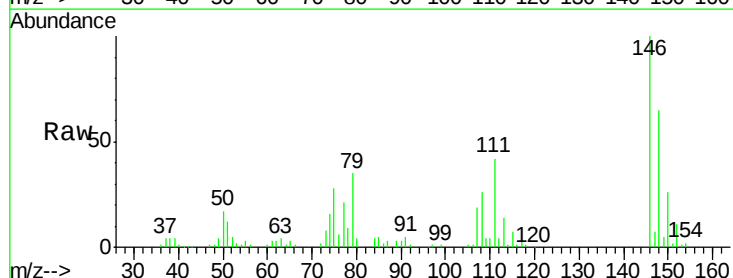
Manual Integrations

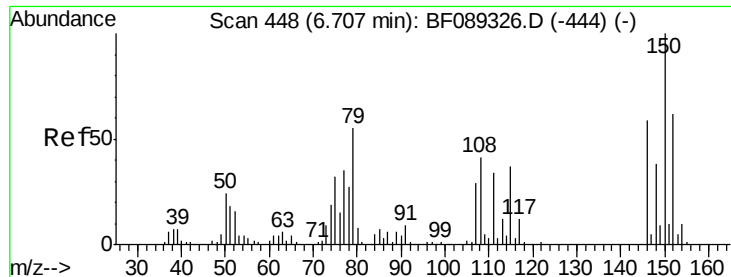
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#14
 1,2-Dichlorobenzene
 Concen: 43.88 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
111	42.3	33.0	49.4





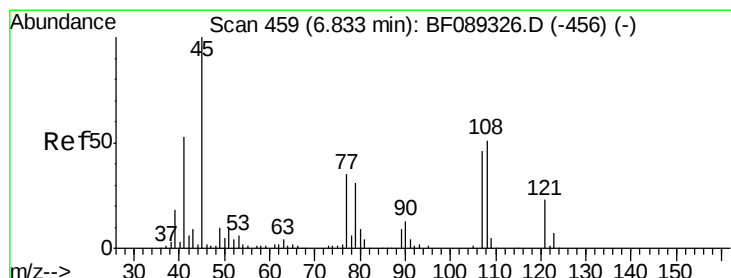
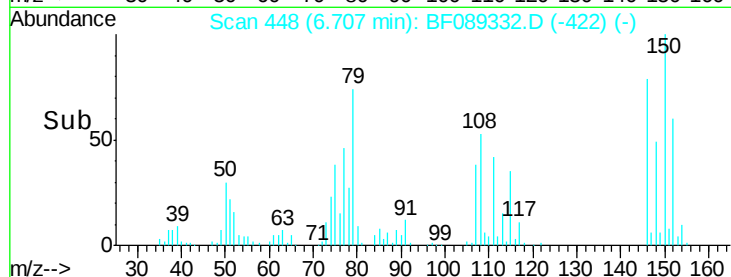
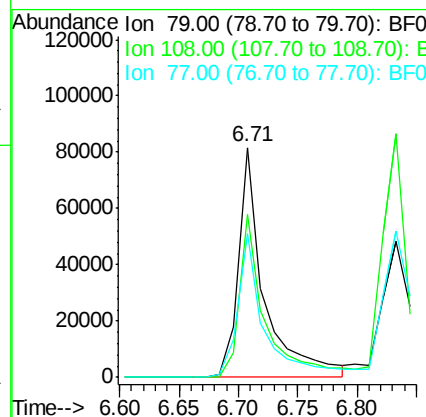
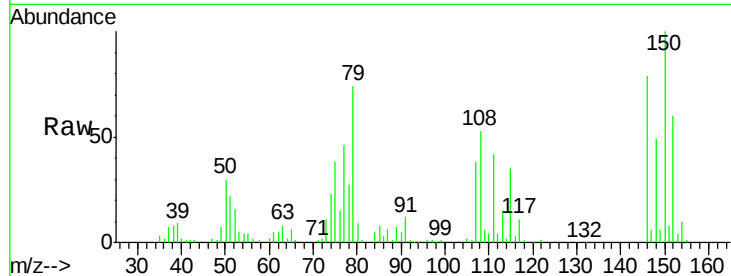
#15
Benzyl Alcohol
Concen: 53.92 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampled :
PB92412BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	59.8	89.6
77	62.5	51.7	77.5

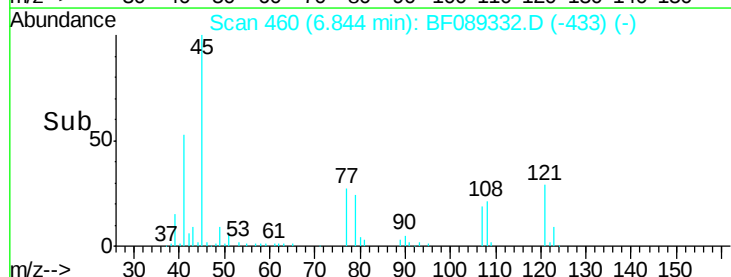
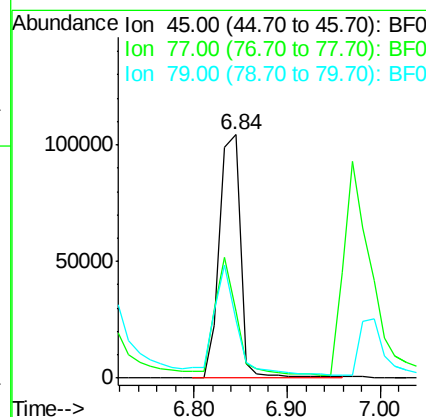
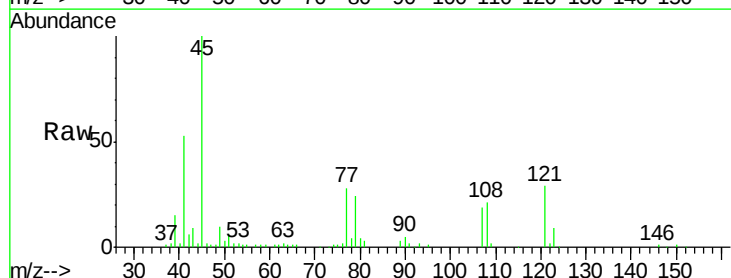
Manual Integrations

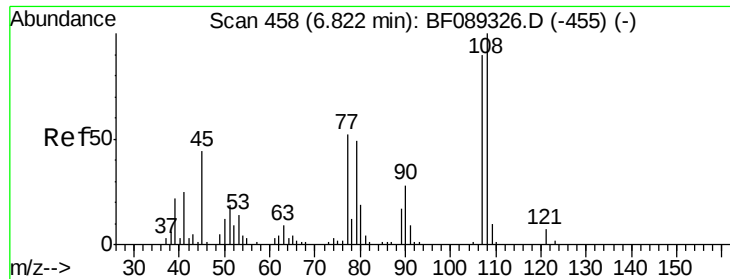
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.44 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.6	17.3	57.3
79	24.0	13.9	53.9





#17

2-Methylphenol

Concen: 45.67 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampled :

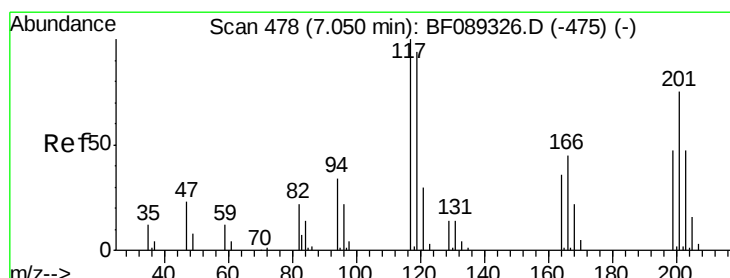
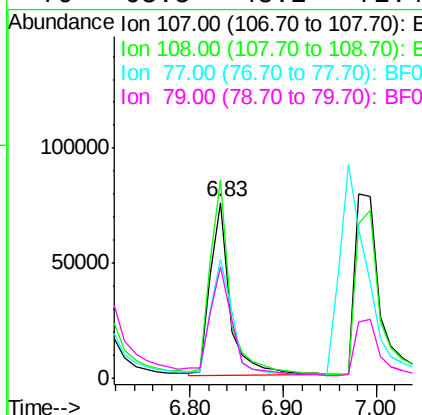
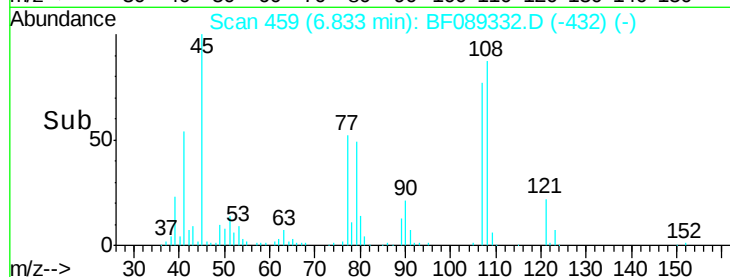
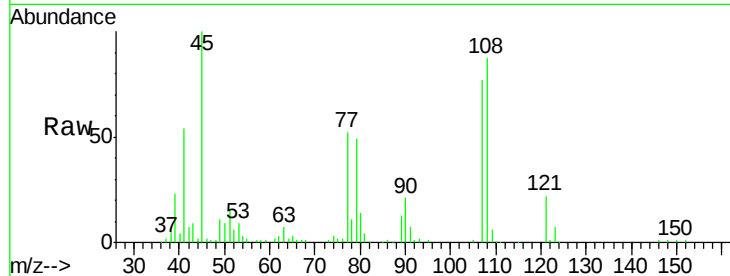
PB92412BS

Tot Ion:	107	Resp:	112150
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.4	137.0
77	67.9	48.6	73.0
79	63.5	48.2	72.4

Manual Integrations

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#18

Hexachloroethane

Concen: 44.40 ng

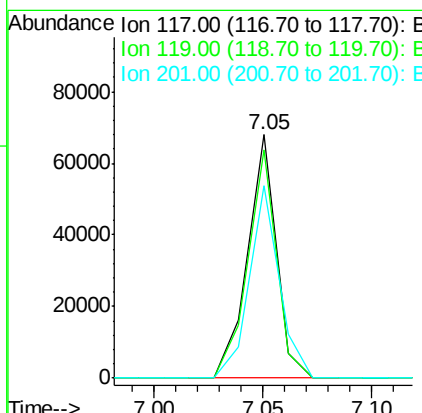
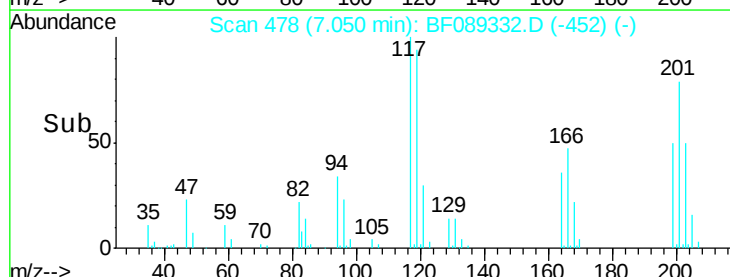
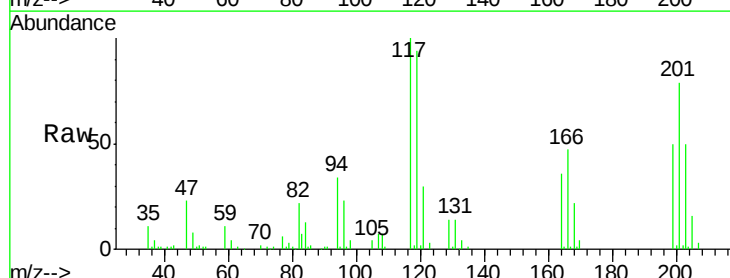
RT: 7.05 min Scan# 478

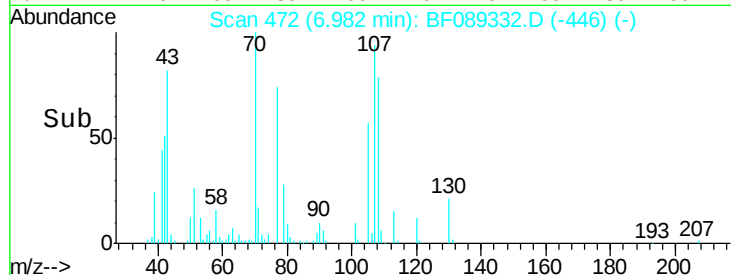
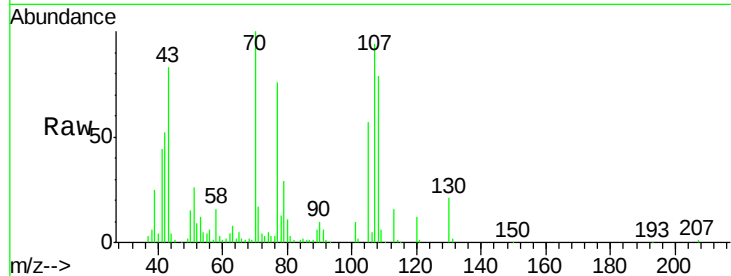
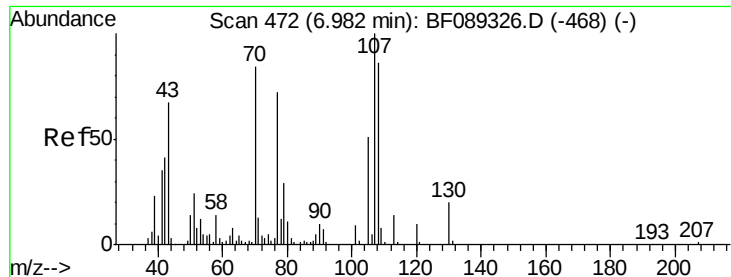
Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:	117	Resp:	62429
Ion Ratio	Lower	Upper	
117	100		
119	93.5	76.0	114.0
201	78.9	60.0	90.0





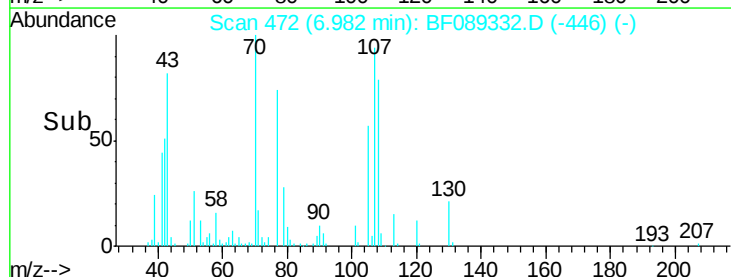
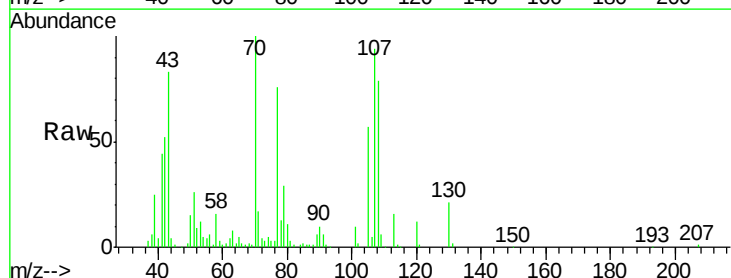
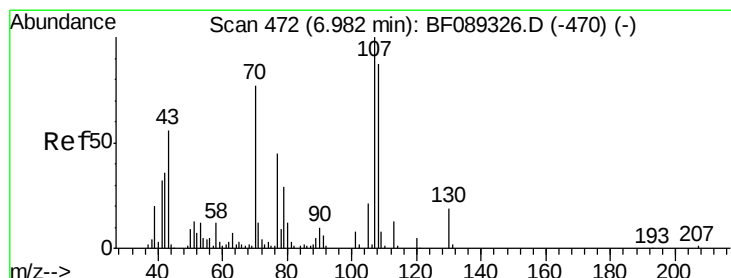
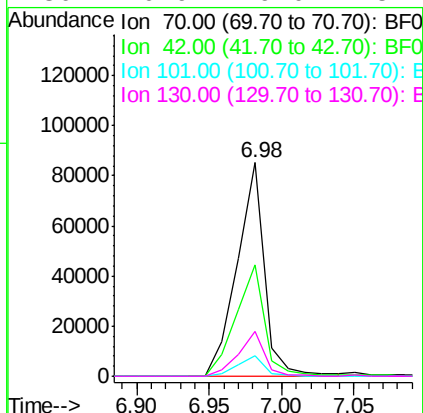
#19
n-Nitroso-di-n-propylamine
Concen: 50.24 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	38.6	57.8	
101	9.7	8.3	12.5	
130	20.9	19.0	28.4	

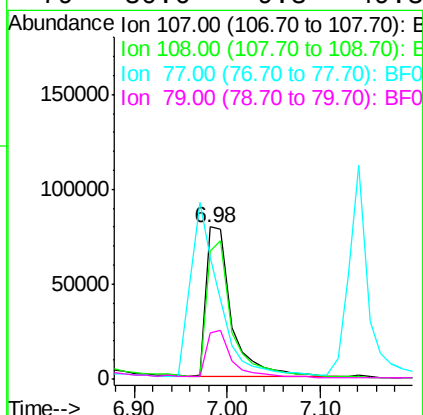
Manual Integrations

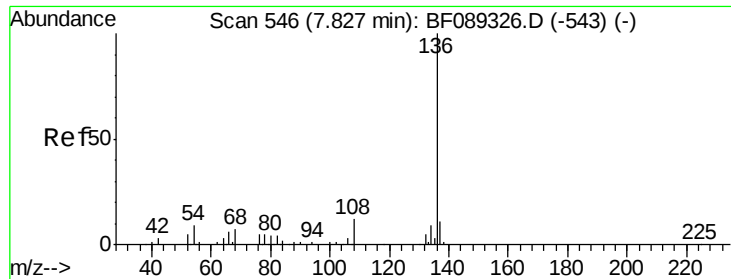
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#20
3+4-Methylphenols
Concen: 47.42 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	63.3	103.3	
77	80.2	51.1	91.1	
79	30.6	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: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

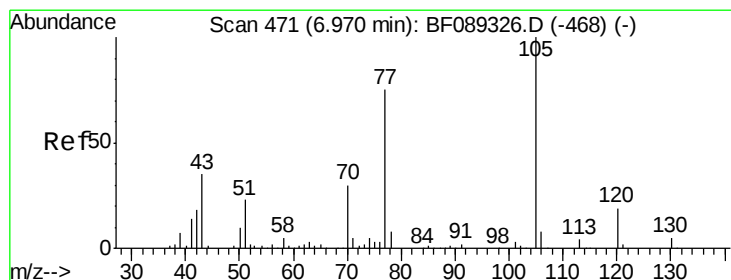
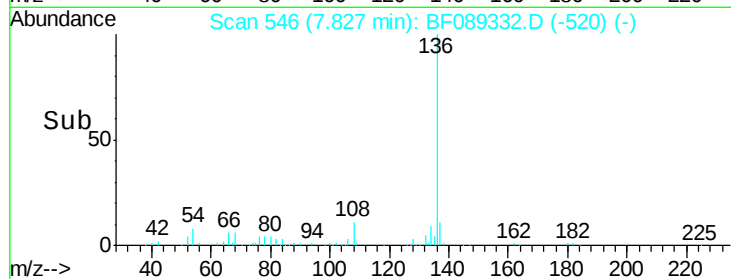
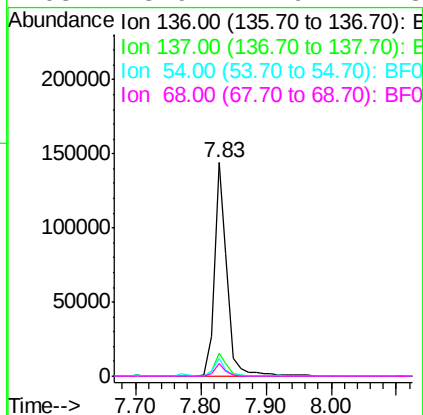
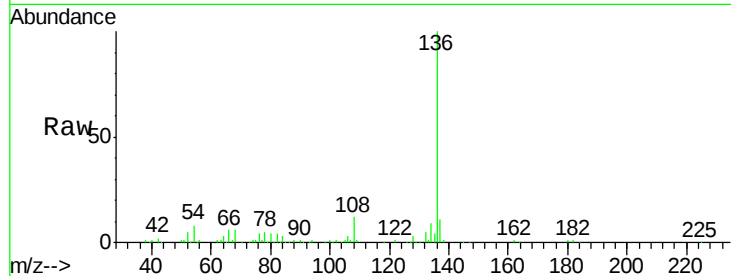
PB92412BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		195293		
137	10.6		8.6	13.0	
54	8.1		7.0	10.4	
68	5.9		4.9	7.3	

Manual Integrations

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#22

Acetophenone

Concen: 42.31 ng

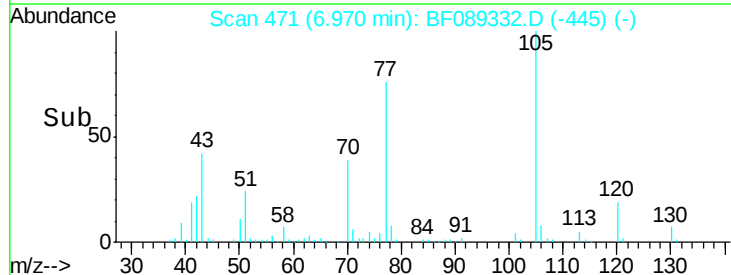
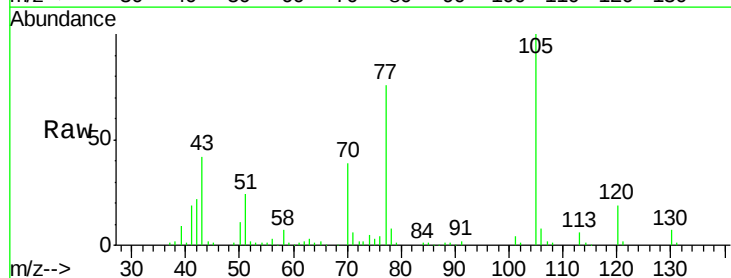
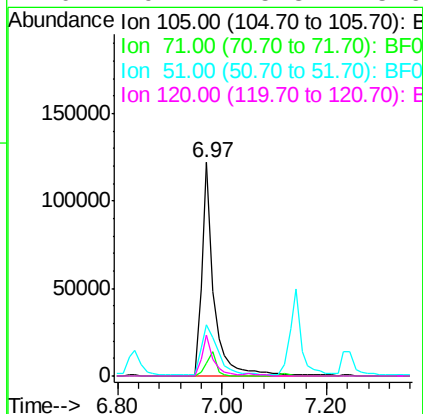
RT: 6.97 min Scan# 471

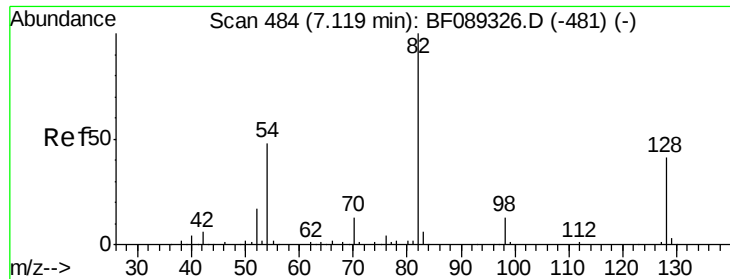
Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		196719		
71	6.2		4.2	6.2	
51	24.2		18.7	28.1	
120	19.2		15.8	23.6	





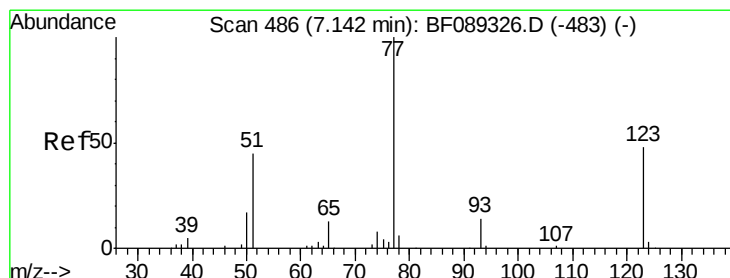
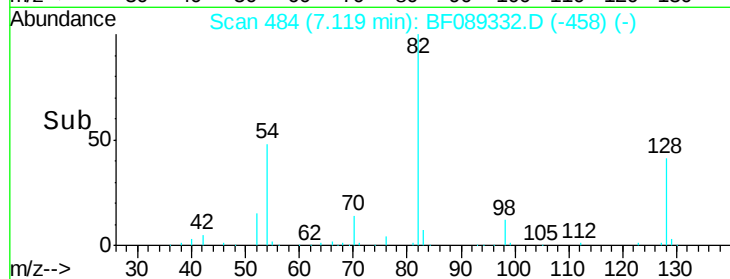
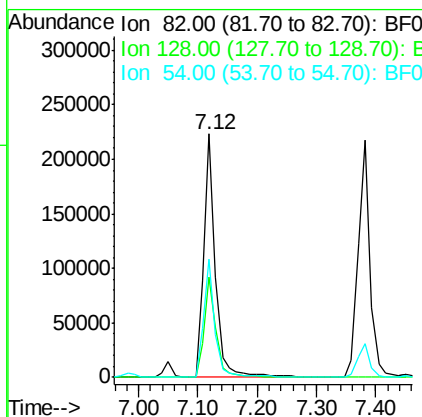
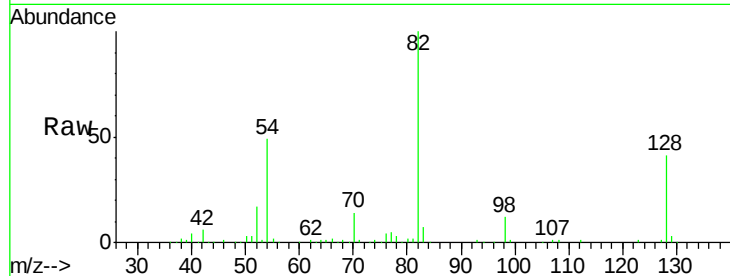
#23
 Nitrobenzene-d5
 Concen: 95.25 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	82	Resp	315160
Ion Ratio	100	Lower	Upper
82	100		
128	41.0	32.5	48.7
54	48.5	38.8	58.2

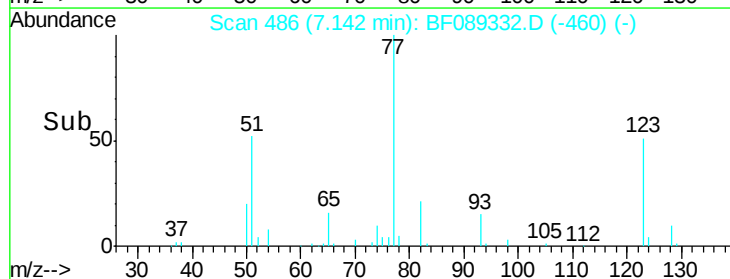
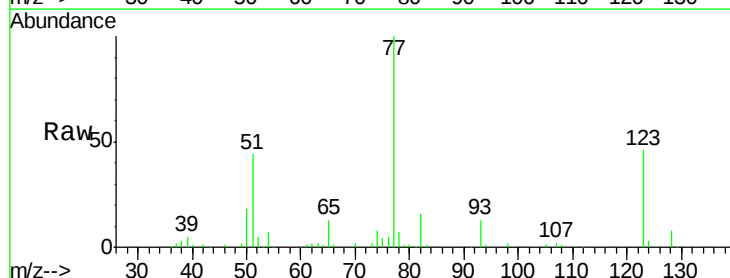
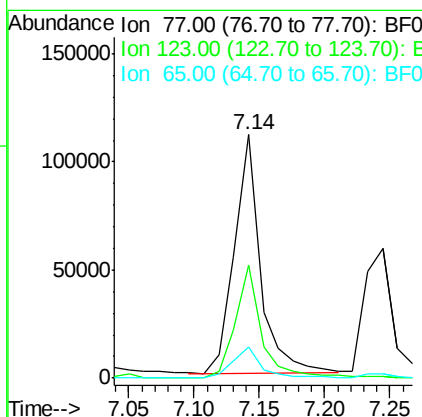
Manual Integrations

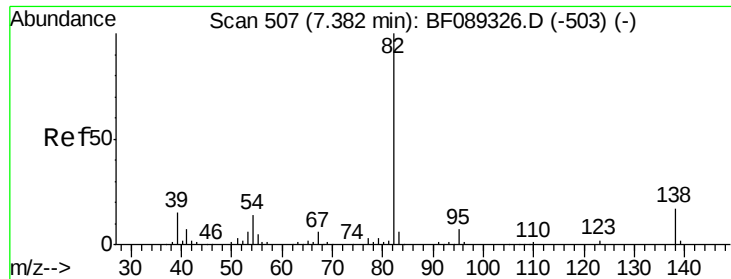
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#24
 Nitrobenzene
 Concen: 40.86 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	77	Resp	153881
Ion Ratio	100	Lower	Upper
77	100		
123	46.4	37.2	55.8
65	13.0	10.2	15.4





#25

Isophorone

Concen: 45.53 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

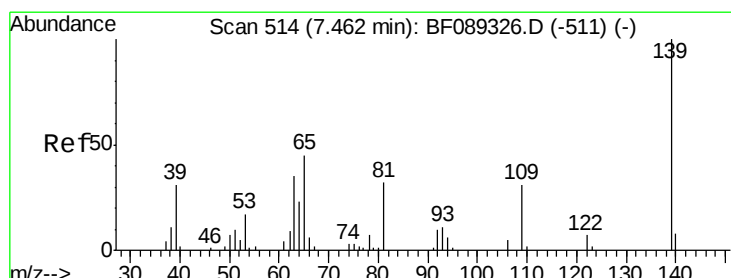
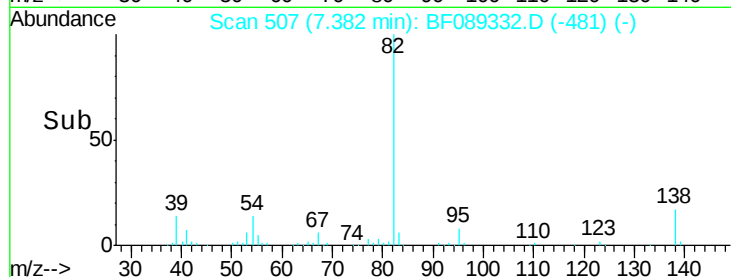
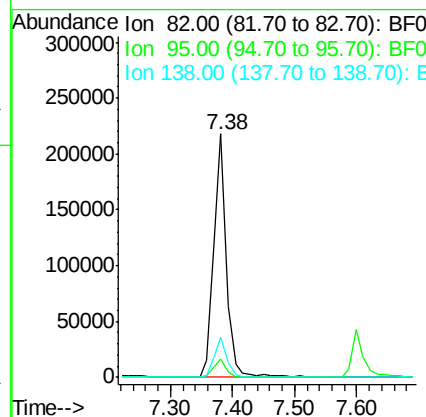
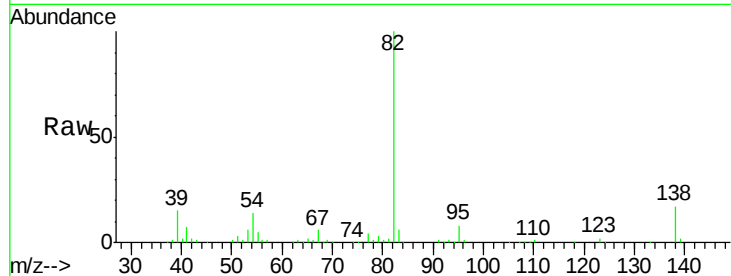
PB92412BS

Tot Ion:	82	Resp:	303435
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.0	9.0
138	16.7	13.3	19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.70 ng

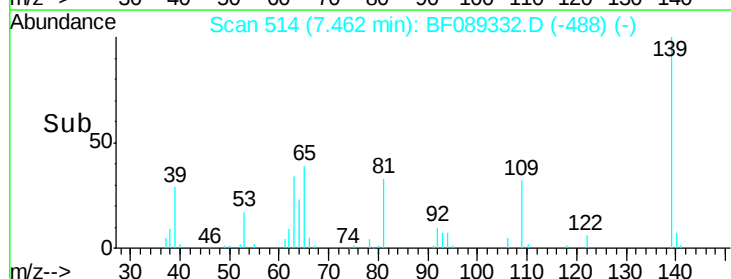
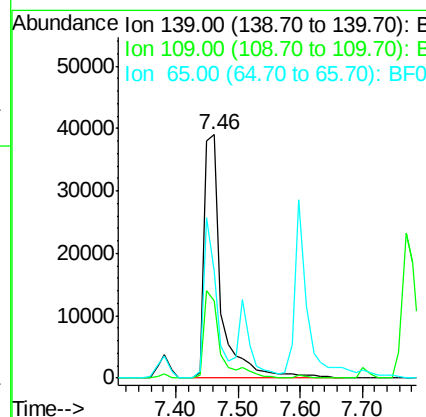
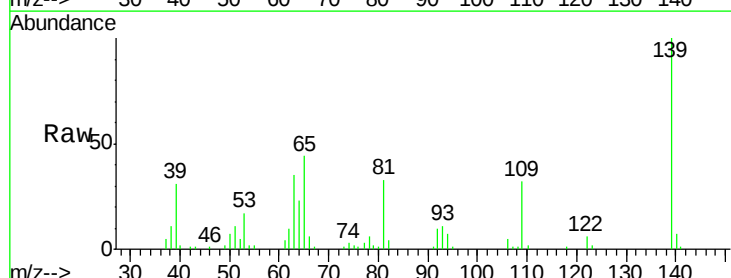
RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:	139	Resp:	75253
Ion Ratio	Lower	Upper	
139	100		
109	31.5	25.8	38.8
65	43.7	35.2	52.8





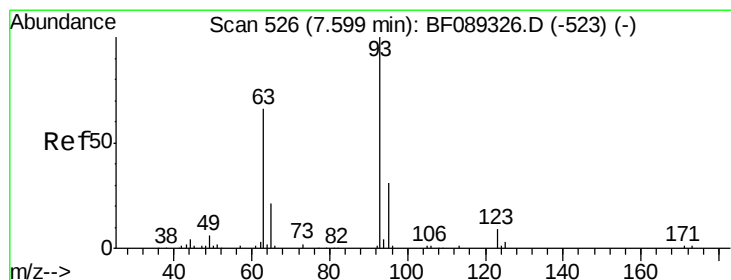
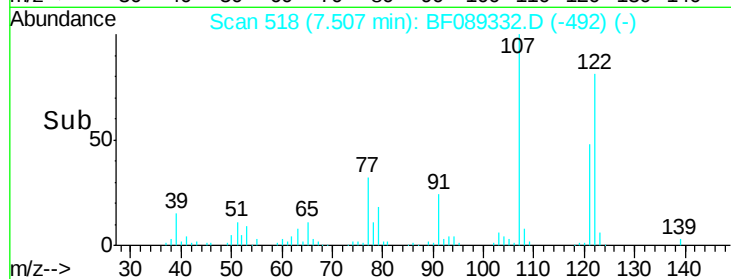
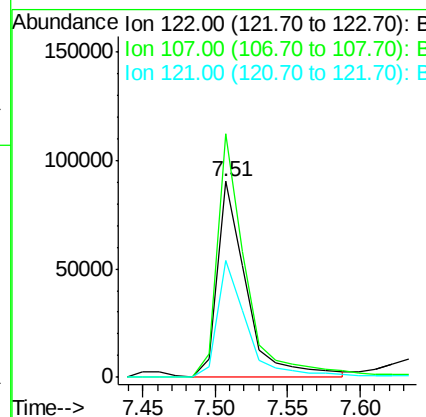
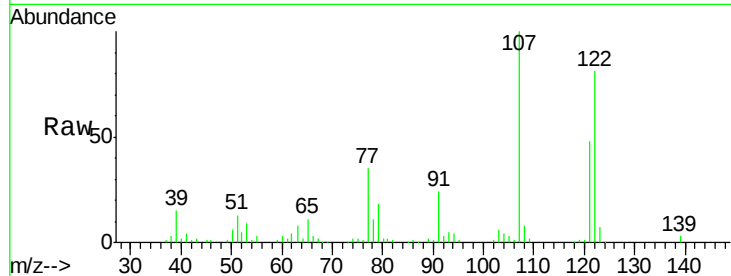
#27
 2,4-Dimethylphenol
 Concen: 46.37 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.2	97.2	145.8
121	59.7	48.8	73.2

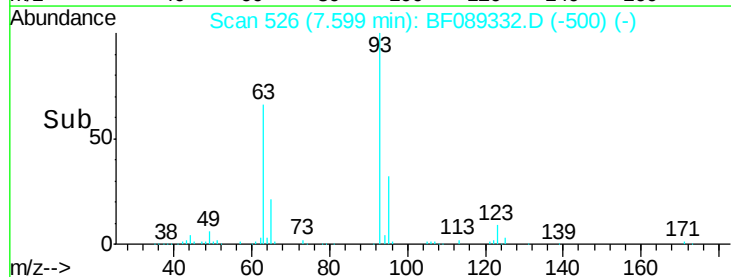
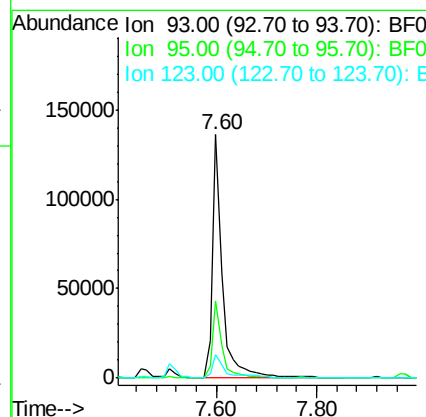
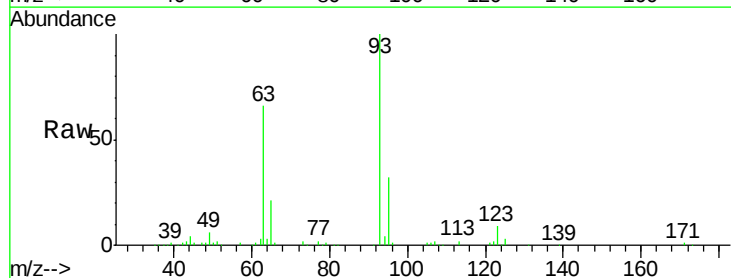
Manual Integrations

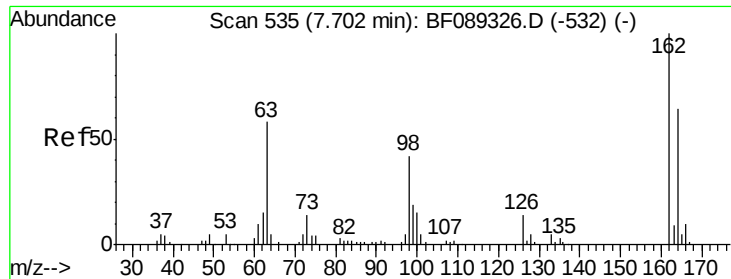
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.09 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.7	37.1
123	9.5	7.5	11.3





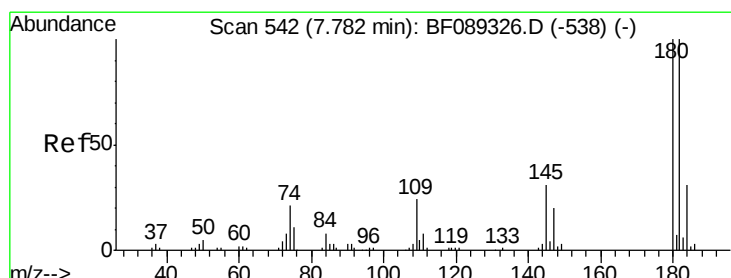
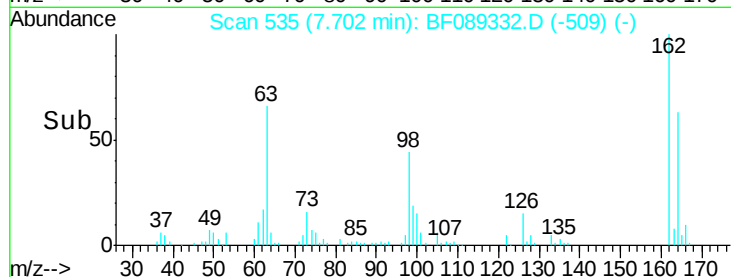
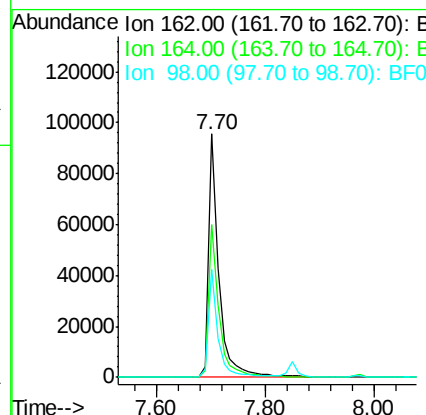
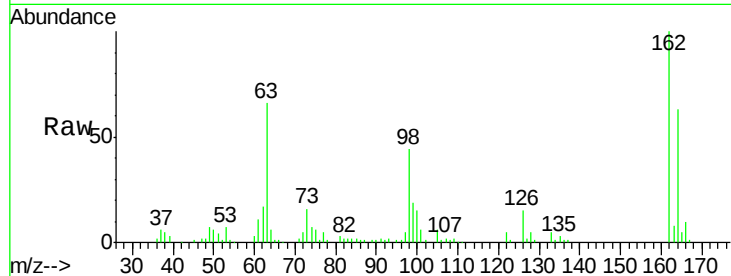
#29
 2,4-Dichlorophenol
 Concen: 51.39 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		125587		
164	63.0		44.0	84.0	
98	44.5		21.8	61.8	

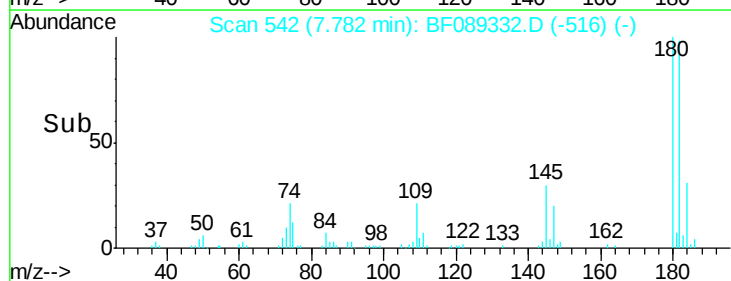
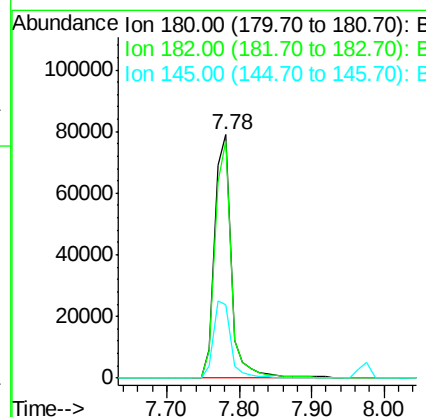
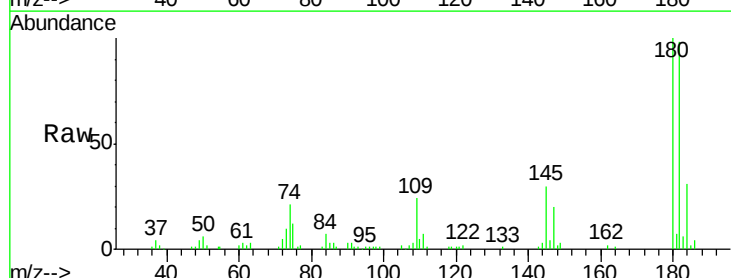
Manual Integrations

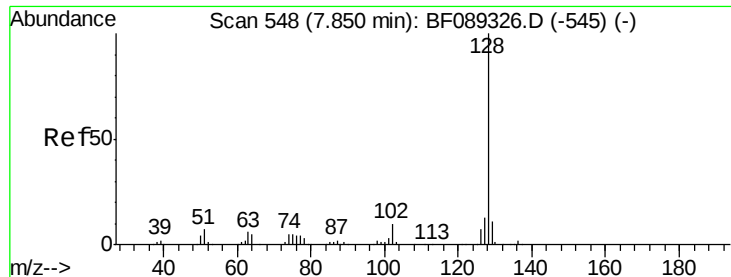
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.35 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		126447		
182	97.5		78.2	117.2	
145	30.3		24.6	36.8	





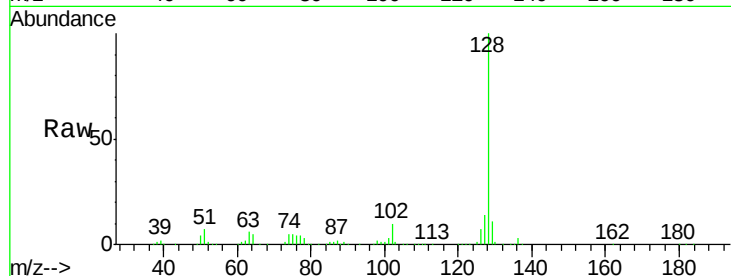
#31
Naphthalene
Concen: 46.76 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

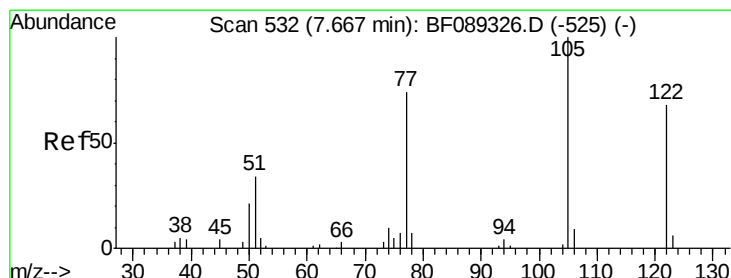
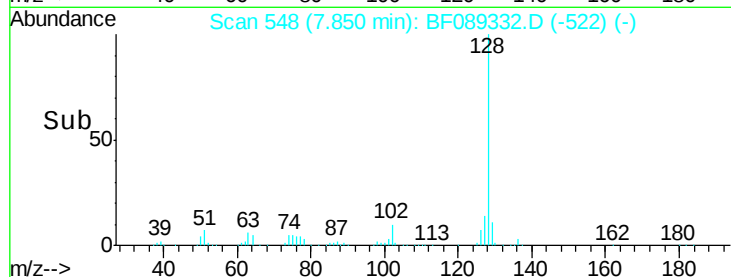
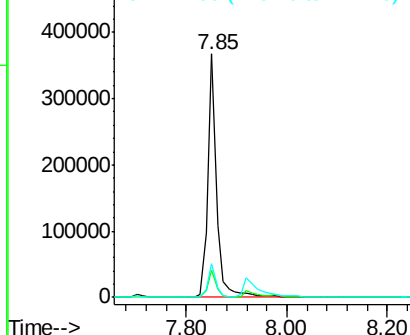
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.9	10.8	16.2

Manual Integrations

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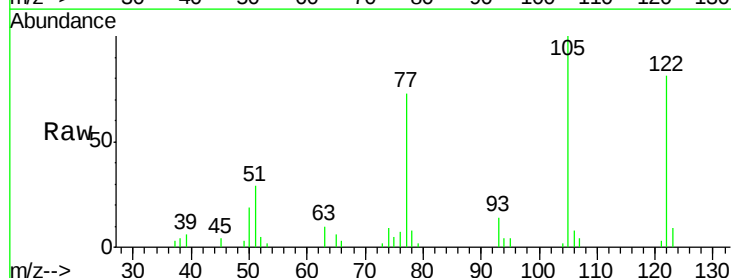


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

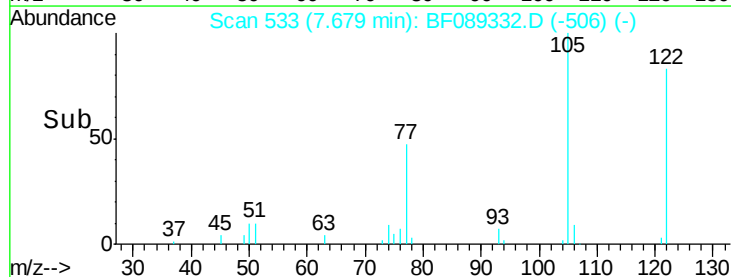
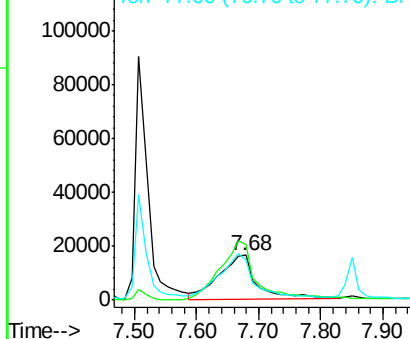


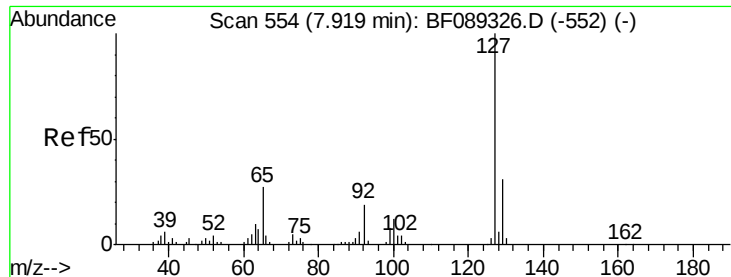
#32
Benzoic acid
Concen: 35.81 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	106.4	146.4
77	90.2	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





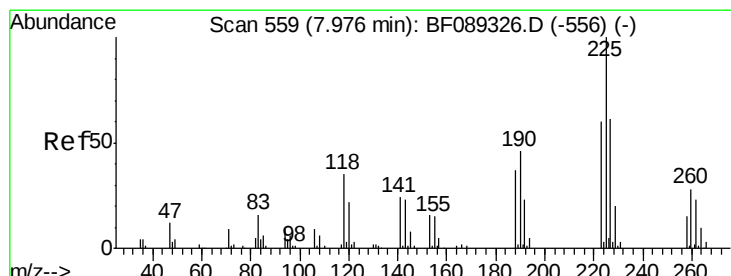
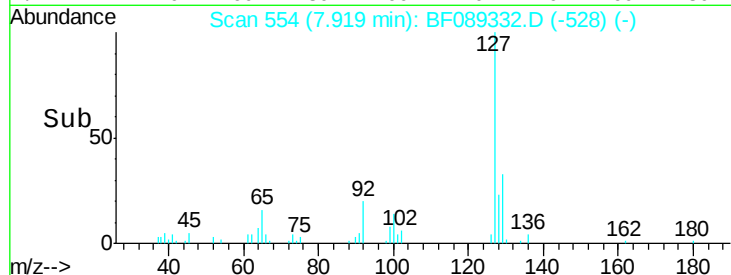
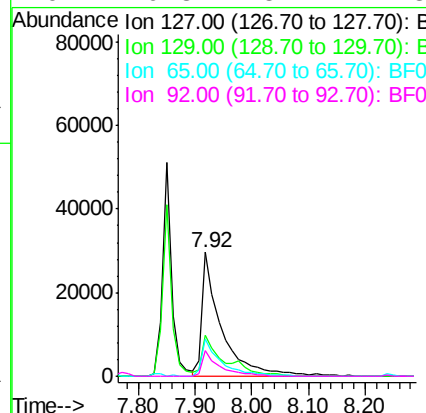
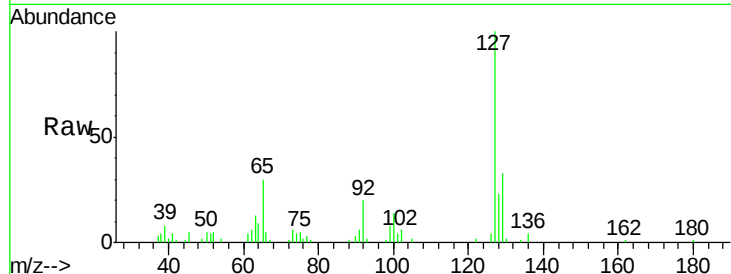
#33
4-Chloroaniline
Concen: 18.97 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		69830		
129	32.6	26.1	39.1		
65	29.5	22.0	33.0		
92	20.3	15.2	22.8		

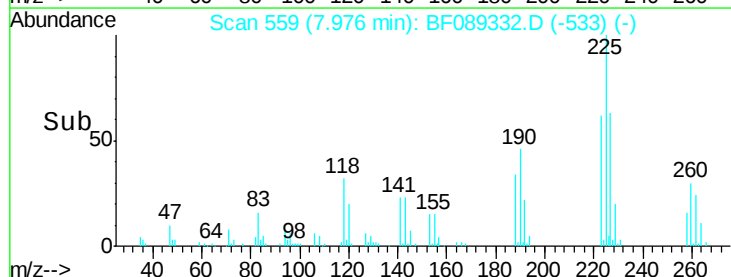
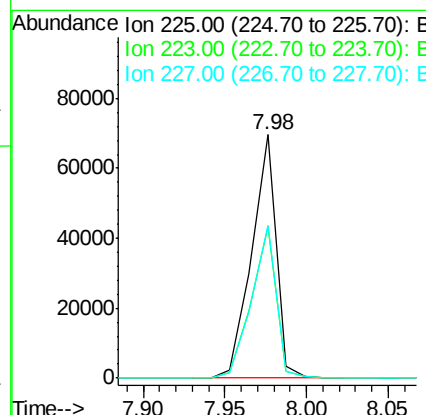
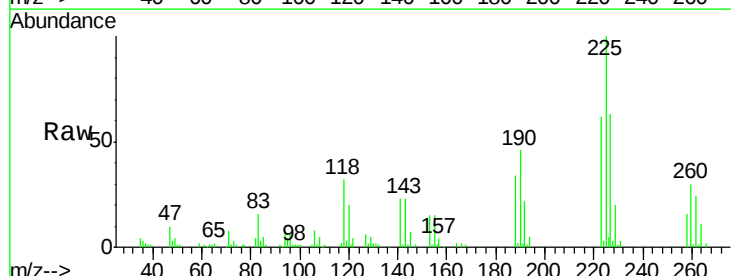
Manual Integrations

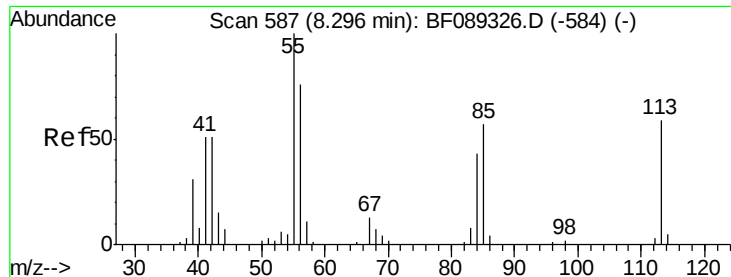
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#34
Hexachlorobutadiene
Concen: 45.19 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		72166		
223	62.2	49.8	74.8		
227	63.0	49.4	74.2		





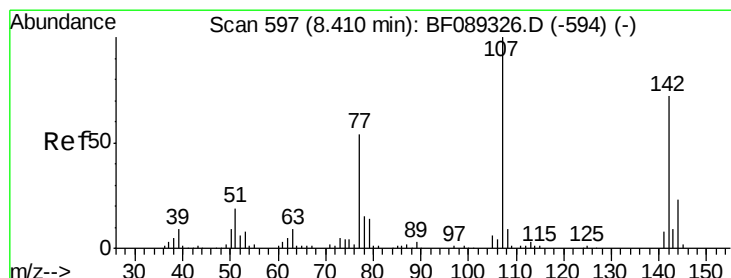
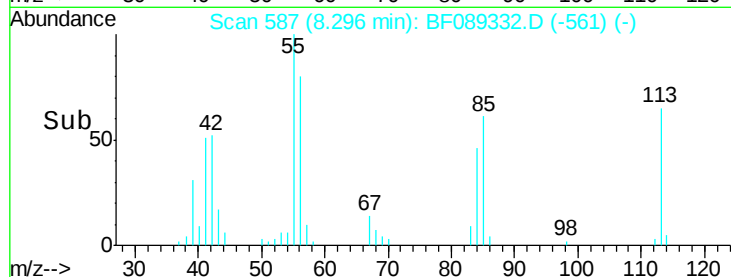
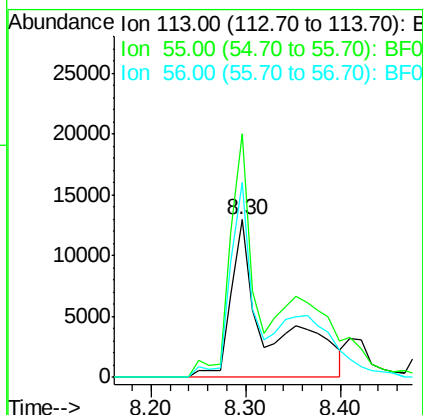
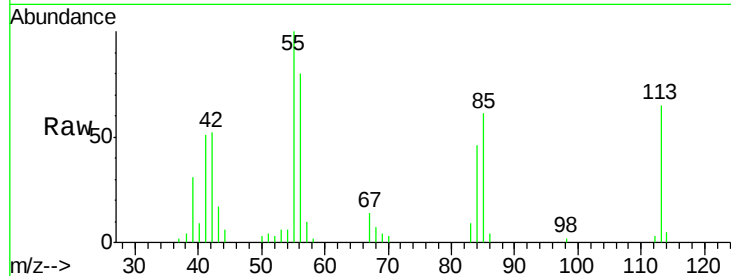
#35
 Caprolactam
 Concen: 49.19 ng/ml
 RT: 8.30 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleID :
 PB92412BS

Tot Ion:113 Resp: 36284
 Ion Ratio Lower Upper
 113 100
 55 154.7 142.3 182.3
 56 124.0 105.8 145.8

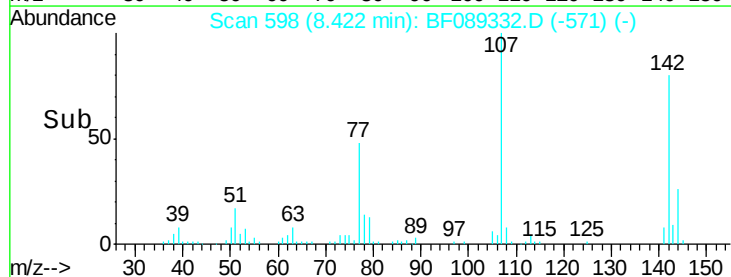
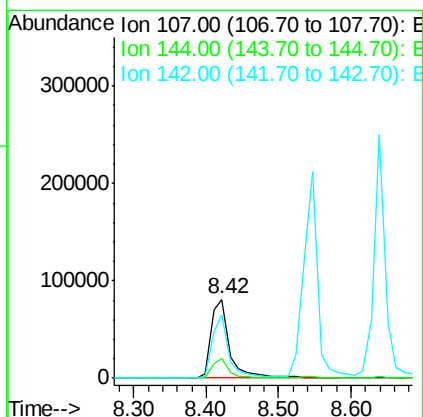
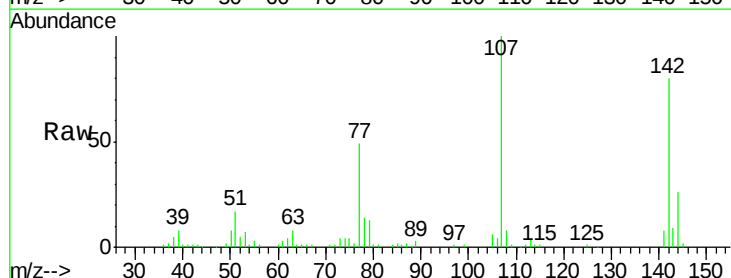
Manual Integrations

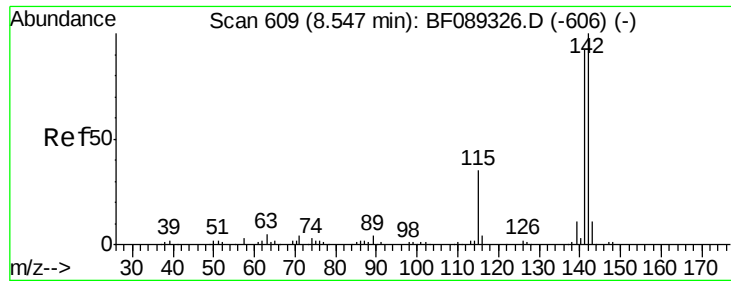
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#36
 4-Chloro-3-methylphenol
 Concen: 49.35 ng/ml
 RT: 8.42 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:107 Resp: 143344
 Ion Ratio Lower Upper
 107 100
 144 25.7 18.4 27.6
 142 80.3 58.6 87.8





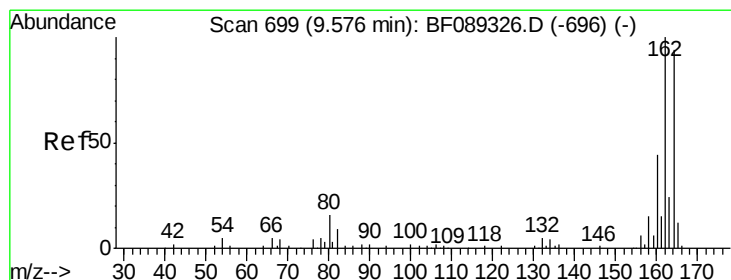
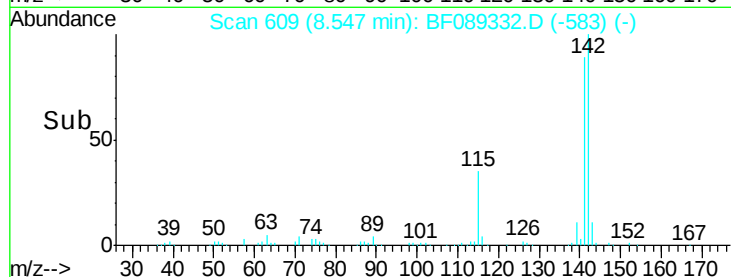
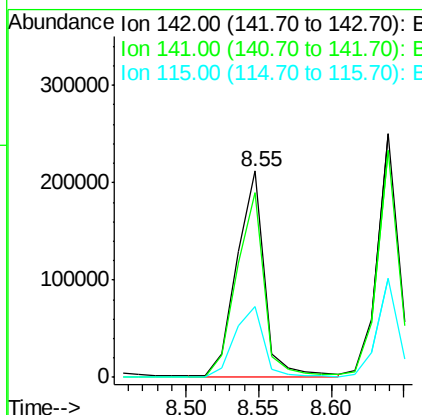
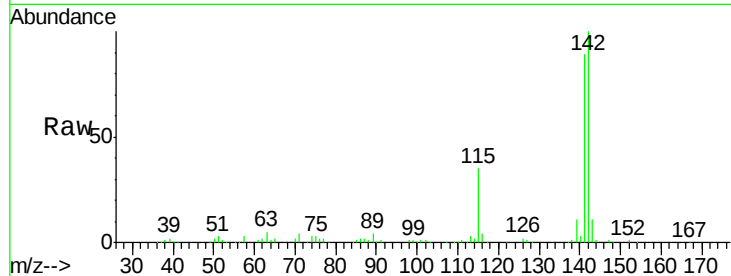
#37
 2-Methylnaphthalene
 Concen: 48.20 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.9	106.3
115	34.6	27.6	41.4

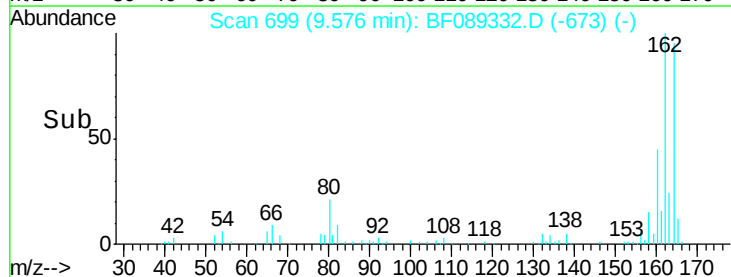
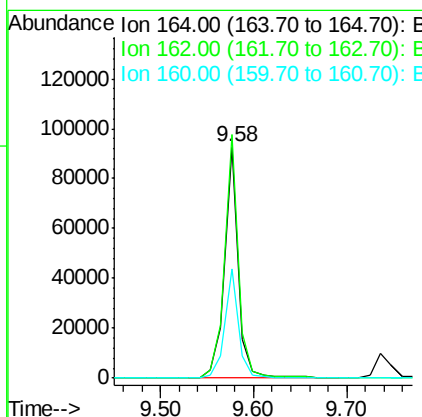
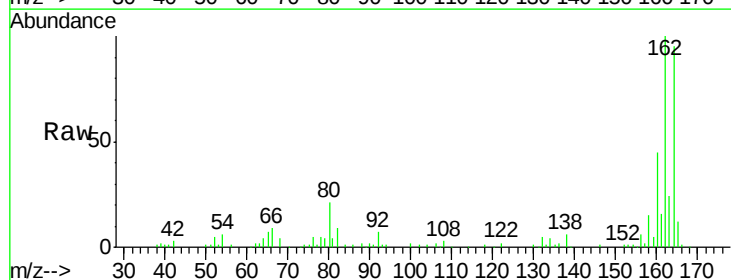
Manual Integrations

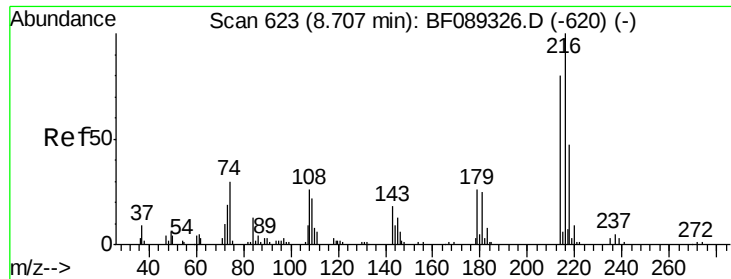
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.7	125.5
160	47.1	37.8	56.6





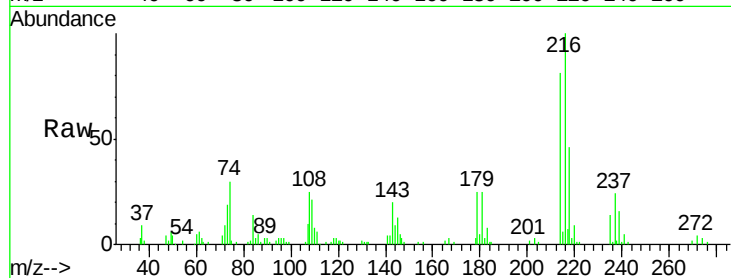
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.64 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampled :
 PB92412BS

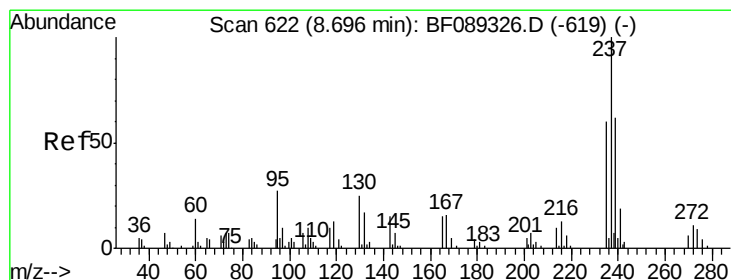
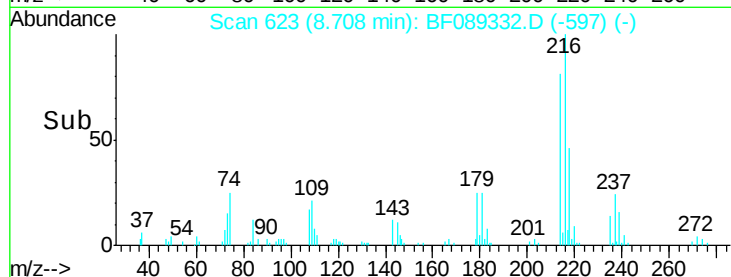
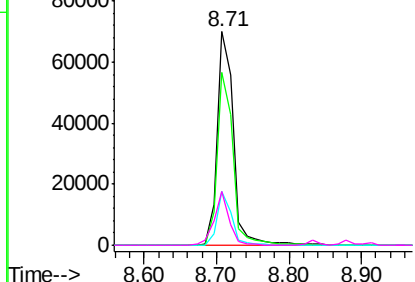
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		108083		
214	78.3	63.3	94.9		
179	22.4	18.1	27.1		
108	23.1	17.2	25.8		

Manual Integrations

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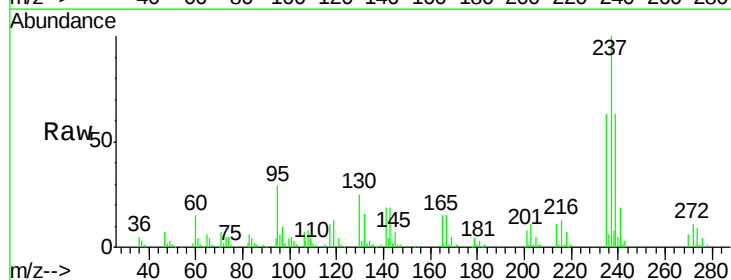


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

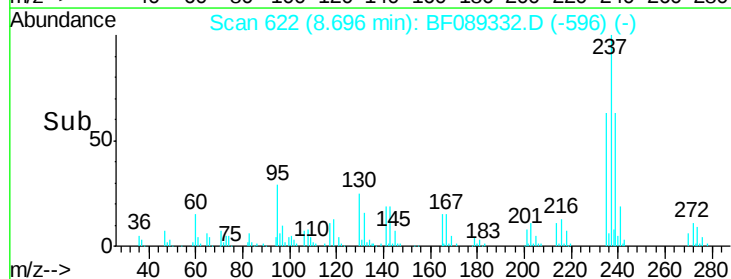
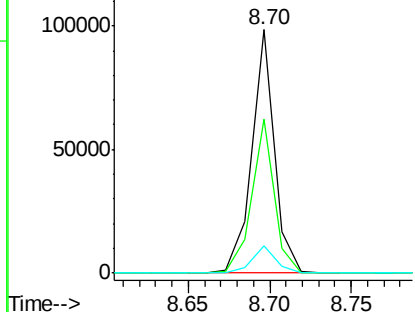


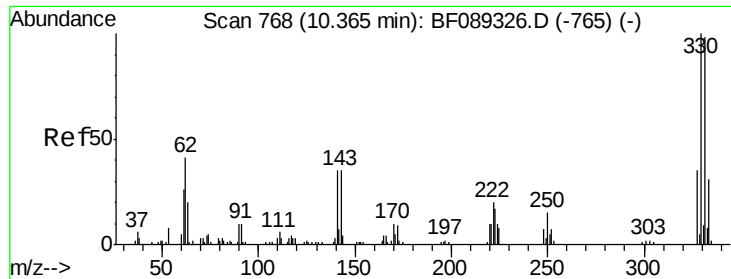
#40
 Hexachlorocyclopentadiene
 Concen: 98.12 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		94762		
235	63.5	41.6	81.6		
272	11.2	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





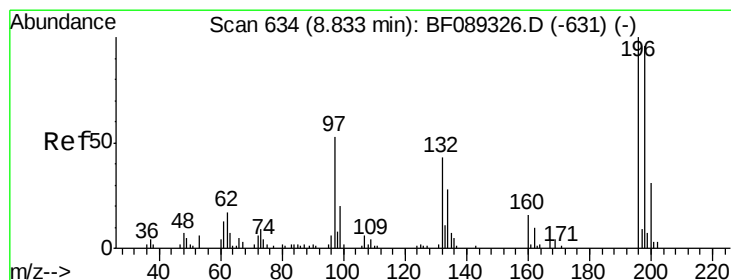
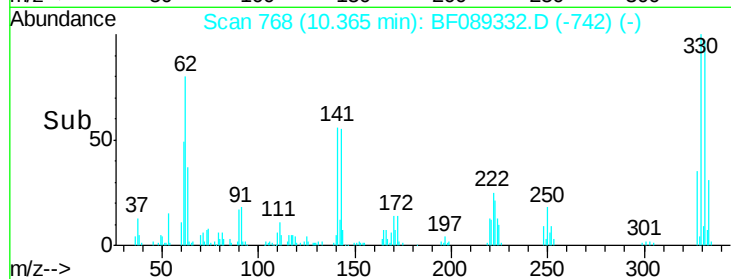
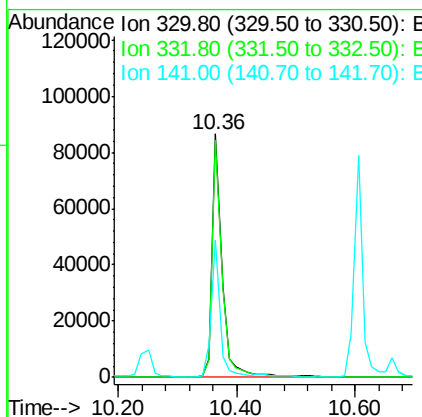
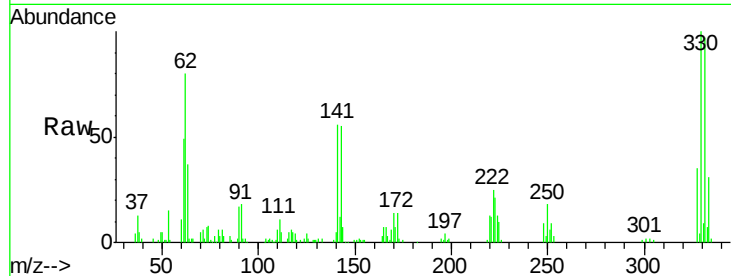
#41
 2,4,6-Tribromophenol
 Concen: 128.91 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	50.6	37.3	55.9

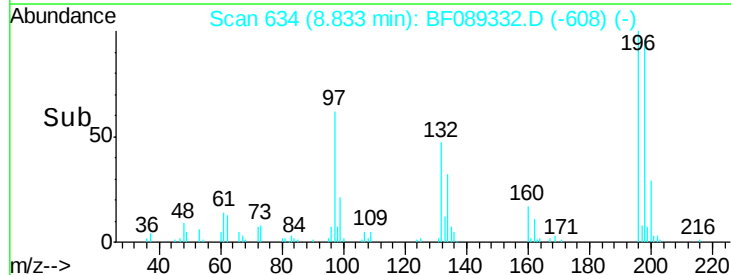
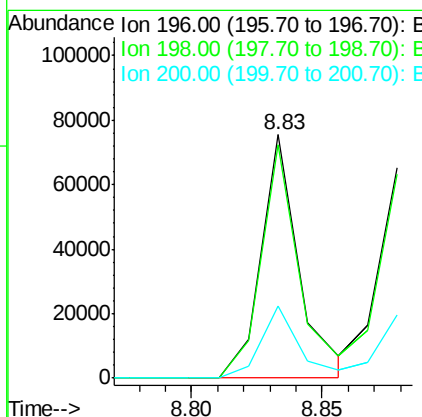
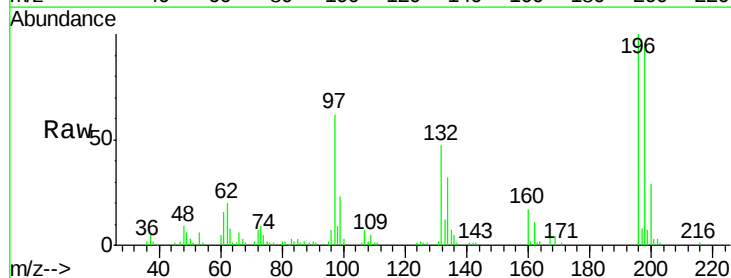
Manual Integrations

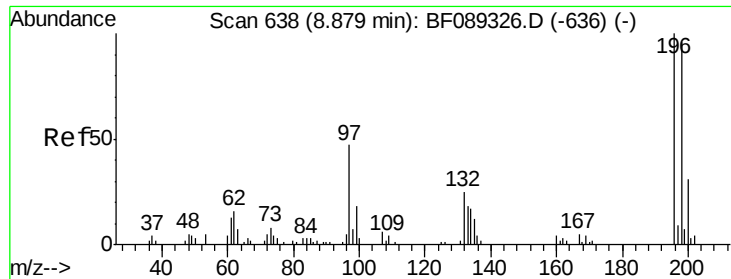
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#42
 2,4,6-Trichlorophenol
 Concen: 48.70 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.5	113.3
200	29.5	23.9	35.9





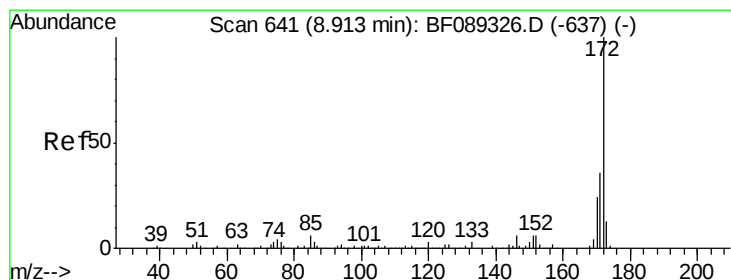
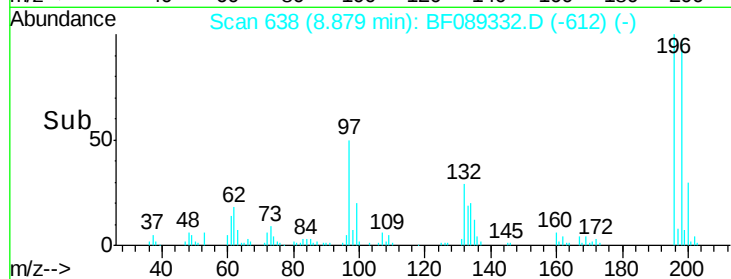
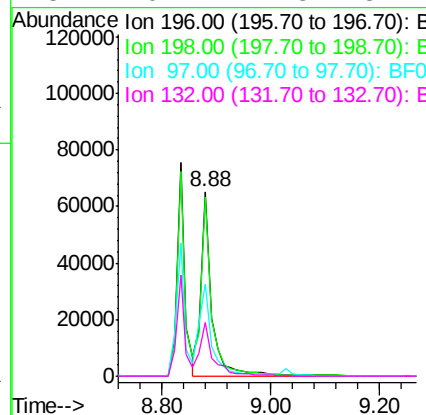
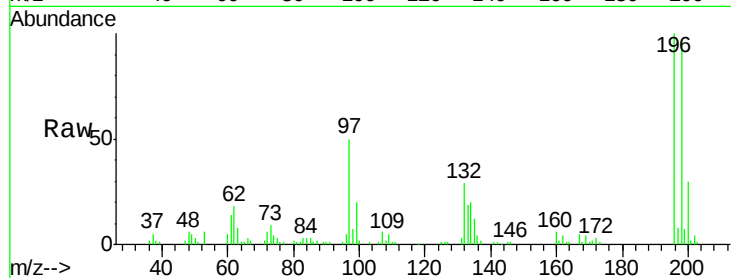
#43
 2,4,5-Trichlorophenol
 Concen: 45.91 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampled :
 PB92412BS

Tot Ion:	196	Resp:	91557
Ion Ratio	Lower	Upper	
196	100		
198	96.9	78.7	118.1
97	49.8	39.7	59.5
132	29.2	22.8	34.2

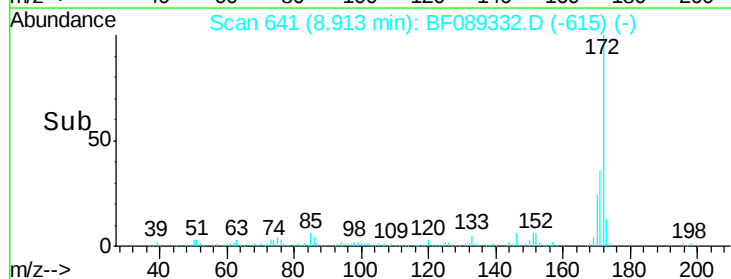
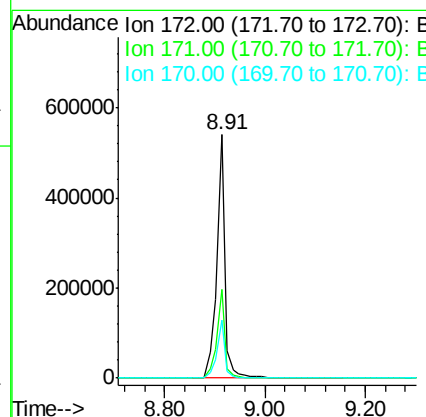
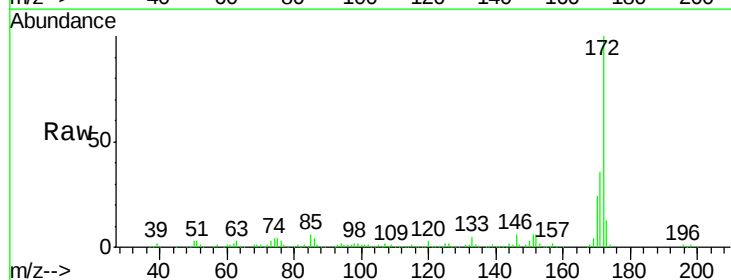
Manual Integrations

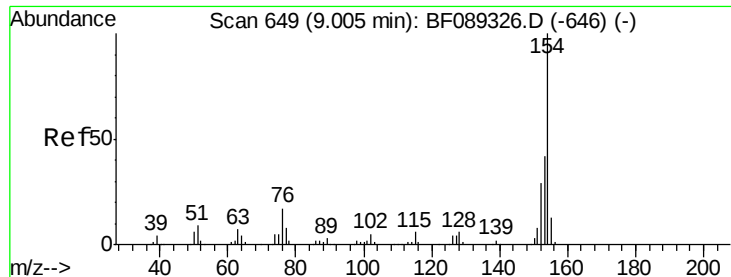
sohil
 7/28/2016 4:57:22 PM



#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion:	172	Resp:	610943
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.2	43.8
170	23.9	19.2	28.8





#45

1,1'-Biphenyl

Concen: 37.28 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampled :

PB92412BS

Tot Ion:154 Resp: 300356

Ion Ratio Lower Upper

154 100

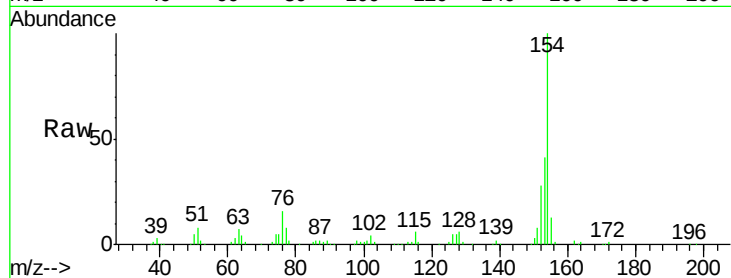
153 40.5 21.0 61.0

76 16.1 0.0 36.6

Manual Integrations

sohil

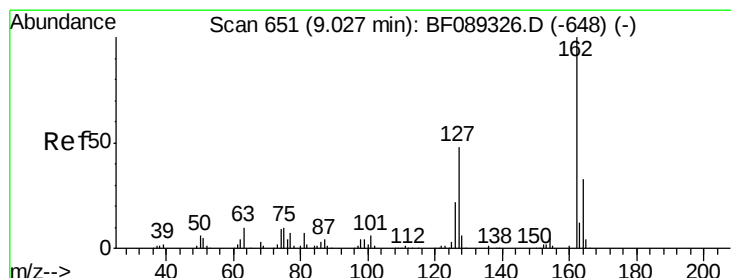
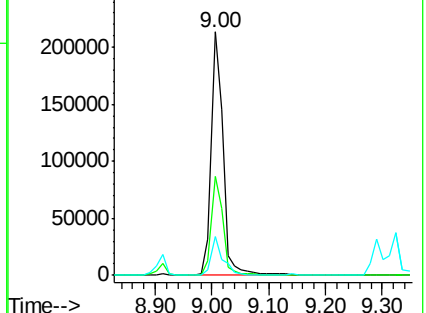
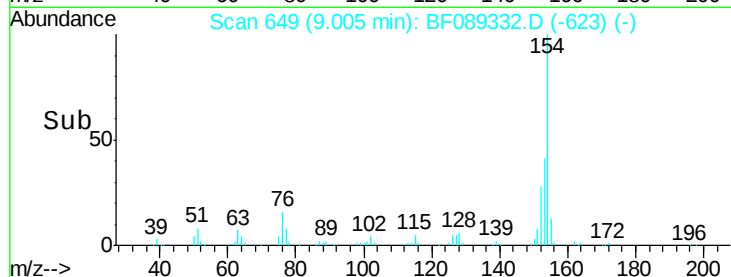
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.90 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

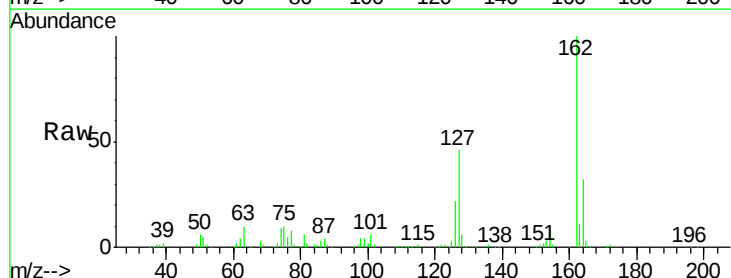
Tgt Ion:162 Resp: 271660

Ion Ratio Lower Upper

162 100

127 46.4 37.8 56.8

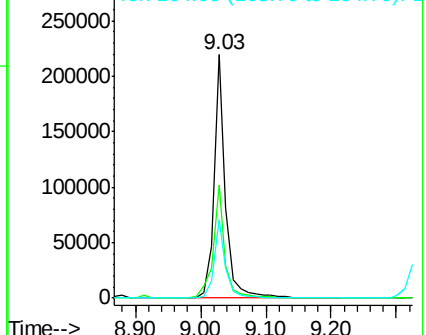
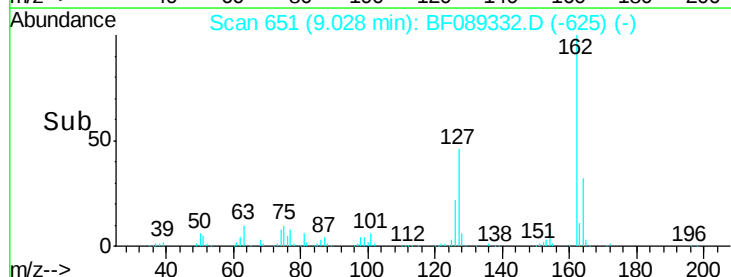
164 32.1 25.8 38.8

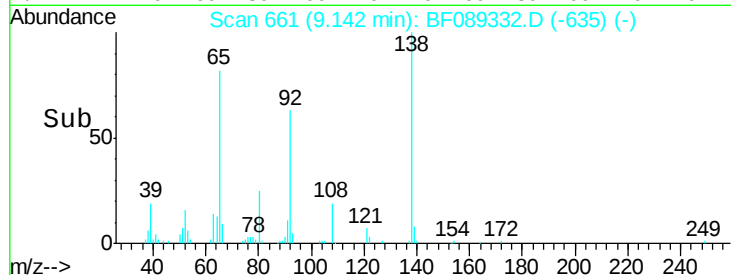
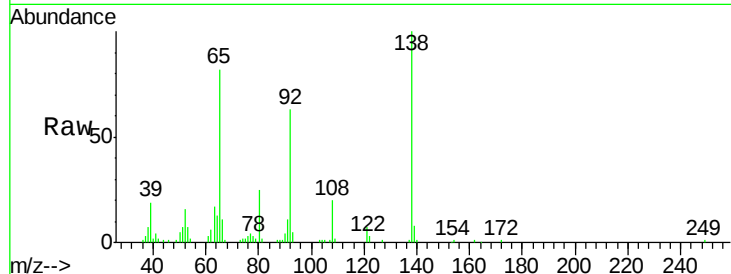
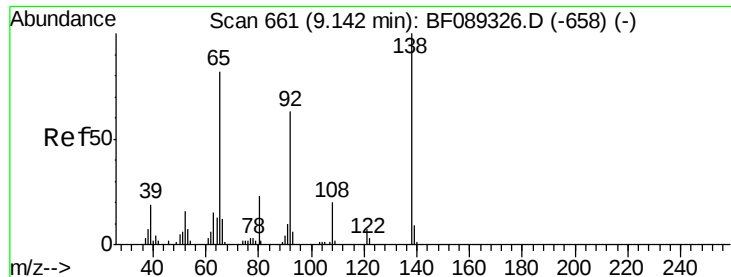


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





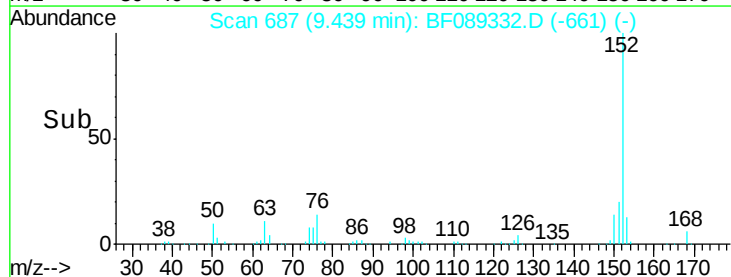
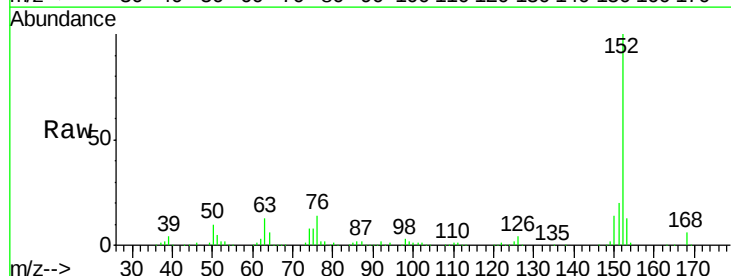
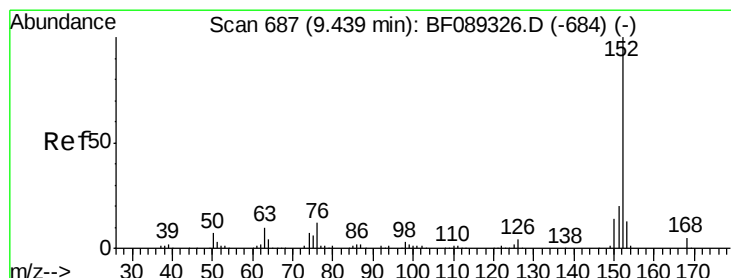
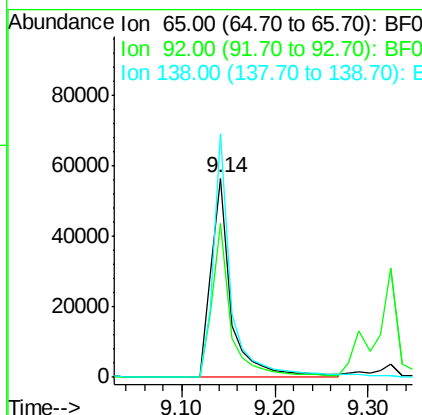
#47
2-Nitroaniline
Concen: 47.68 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tot Ion	65	92	138
Resp	85441		
Ion Ratio	100	77.0	122.1
Lower		61.0	99.1
Upper		91.4	148.7

Instrument :
BNA_F
ClientSampleId :
PB92412BS

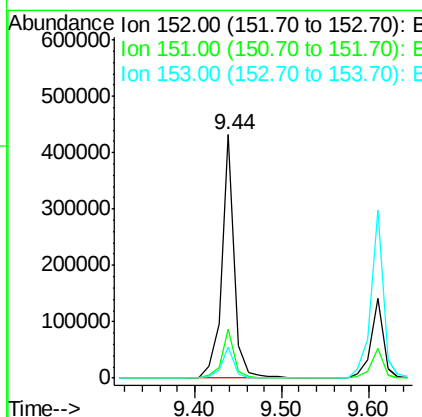
Manual Integrations

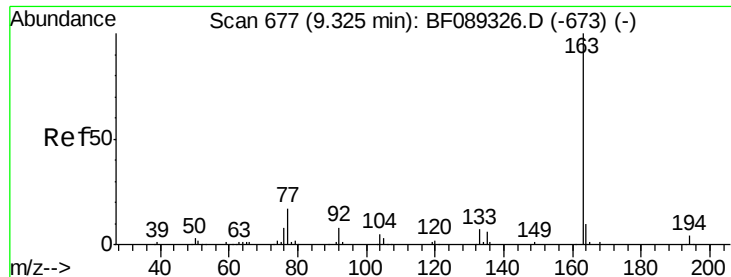
sohil
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#48
Acenaphthylene
Concen: 45.91 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	152	151	153
Resp	437577		
Ion Ratio	100	20.2	13.0
Lower		16.2	10.2
Upper		24.2	15.4





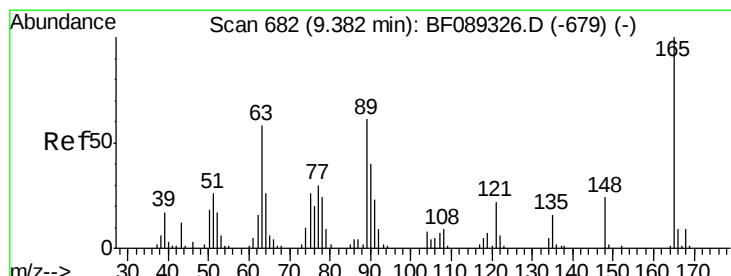
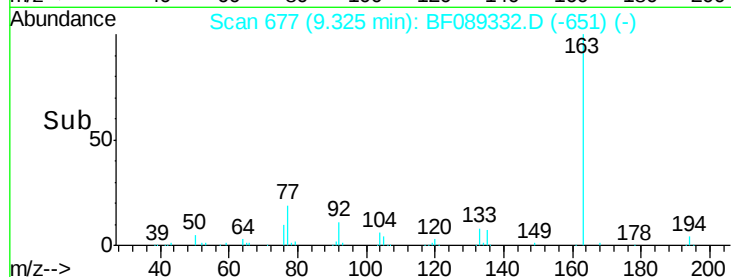
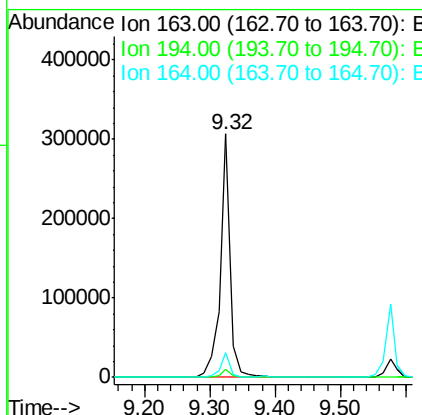
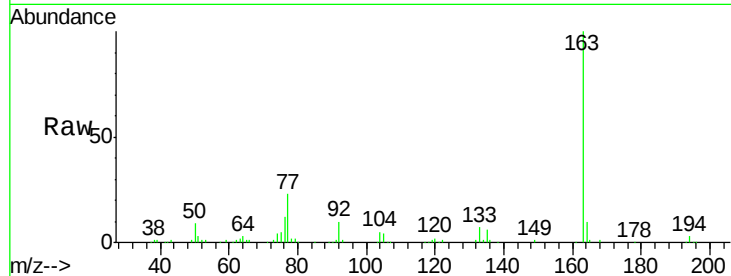
#49
Dimethylphthalate
Concen: 45.88 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	330411		
194	3.3		2.8	4.2
164	9.9		7.8	11.8

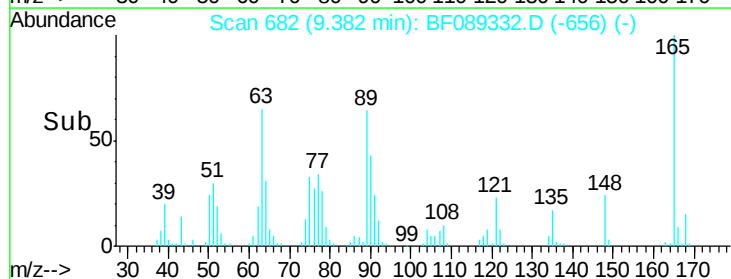
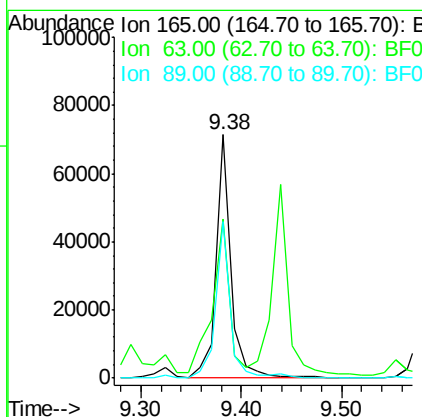
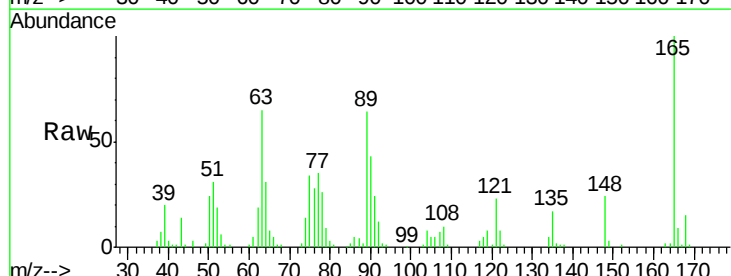
Manual Integrations

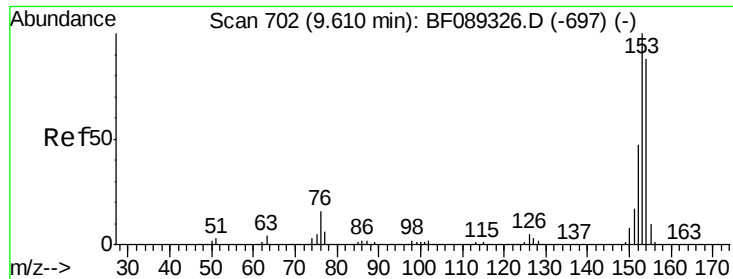
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#50
2,6-Dinitrotoluene
Concen: 49.57 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73346		
63	65.3		43.5	65.3#
89	64.3		45.0	67.4





#51

Acenaphthene

Concen: 45.87 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

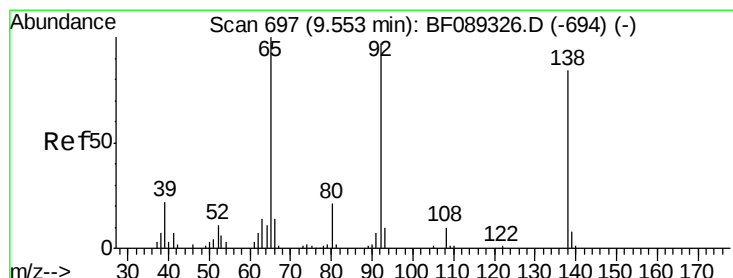
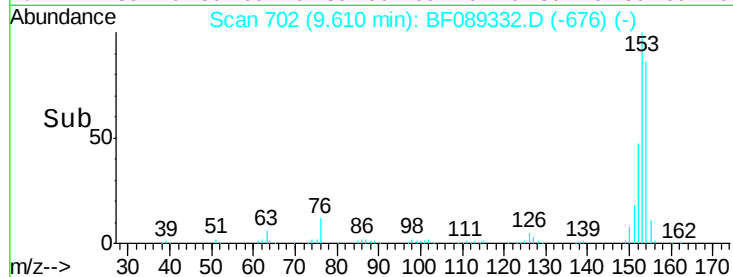
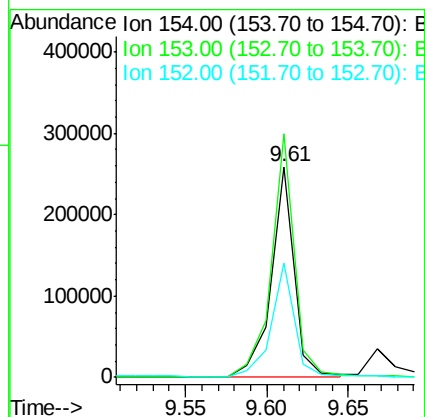
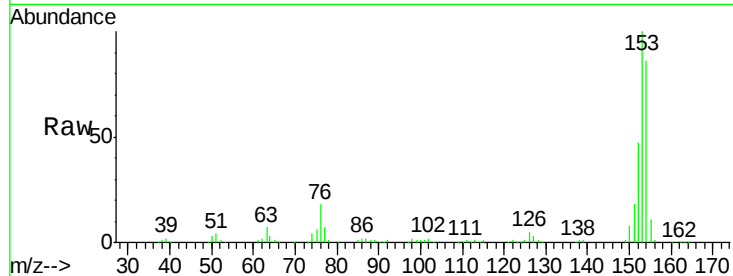
PB92412BS

Tot Ion:	154	Resp:	255316
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.4	137.2
152	54.5	43.8	65.6

Manual Integrations

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#52

3-Nitroaniline

Concen: 23.93 ng

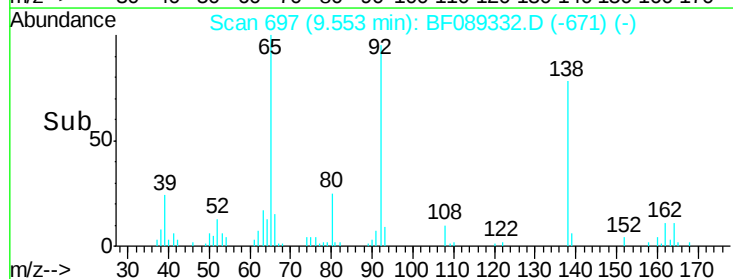
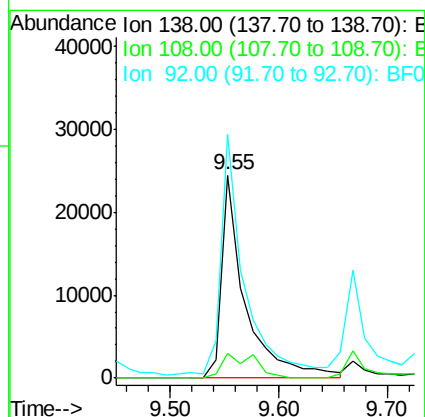
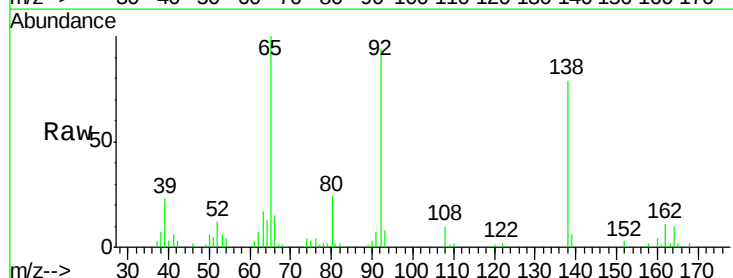
RT: 9.55 min Scan# 697

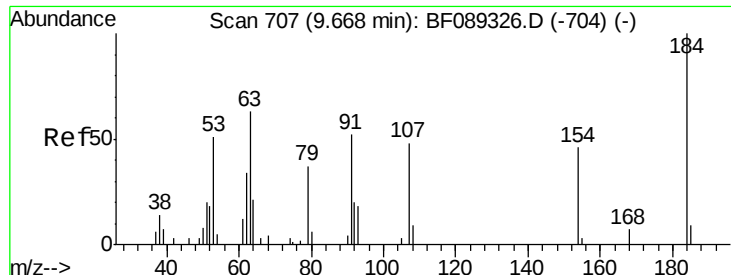
Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:	138	Resp:	37373
Ion Ratio	Lower	Upper	
138	100		
108	12.2	8.6	13.0
92	120.1	90.0	135.0





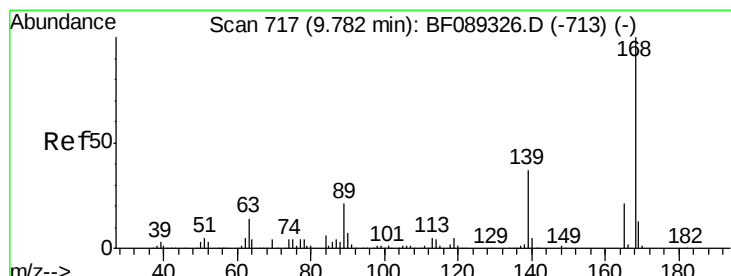
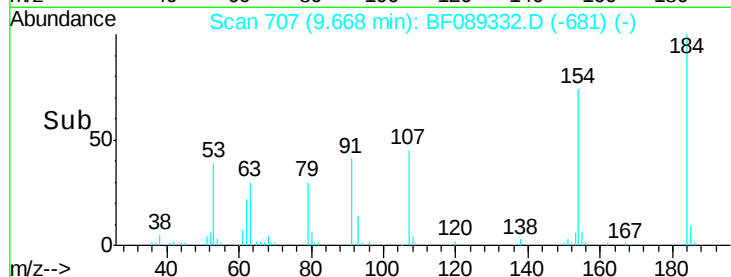
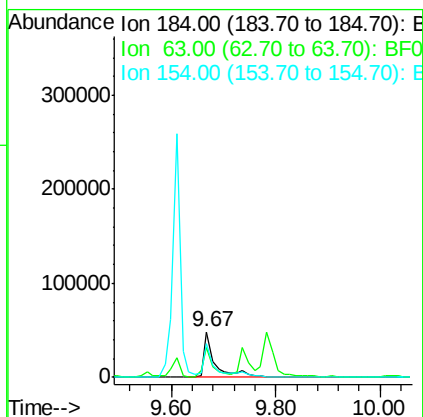
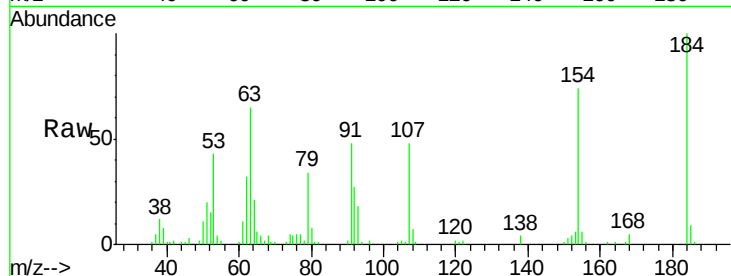
#53
2,4-Dinitrophenol
Concen: 97.03 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	64.7	60.6	90.8	
154	73.8	69.8	104.8	

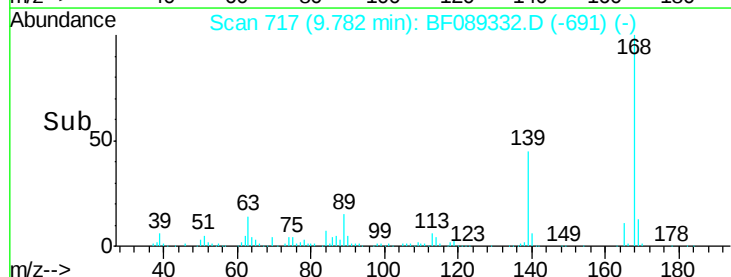
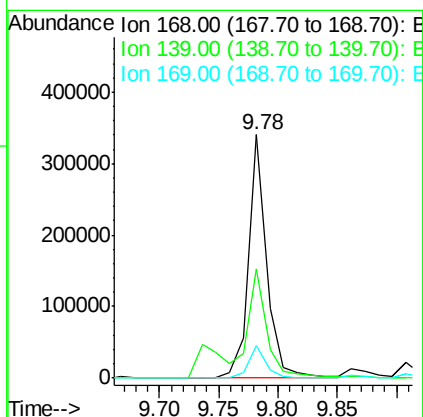
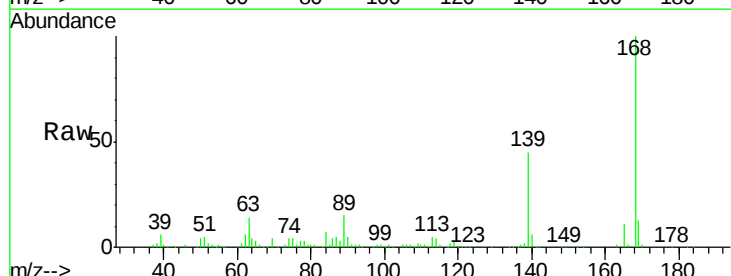
Manual Integrations

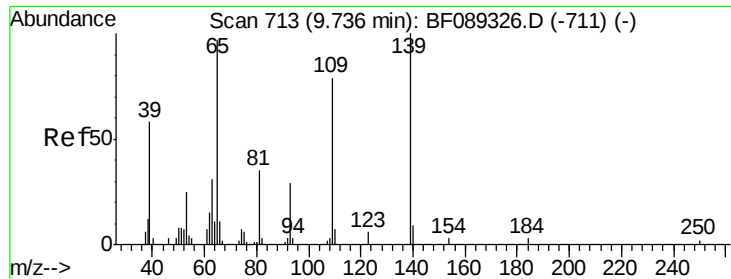
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#54
Dibenzofuran
Concen: 47.92 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	45.0	33.7	50.5	
169	13.4	10.7	16.1	





#55

4-Nitrophenol

Concen: 92.03 ng/mL

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

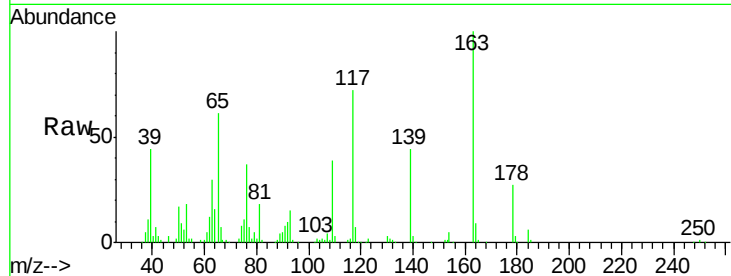
ClientSampleId :

PB92412BS

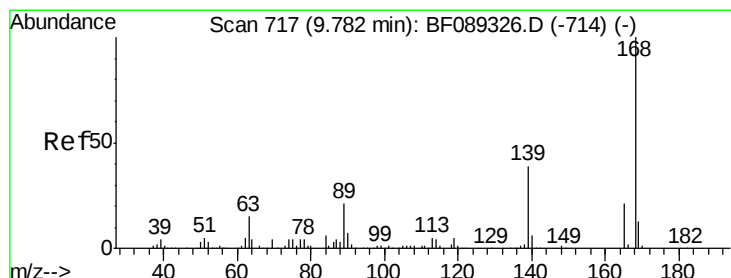
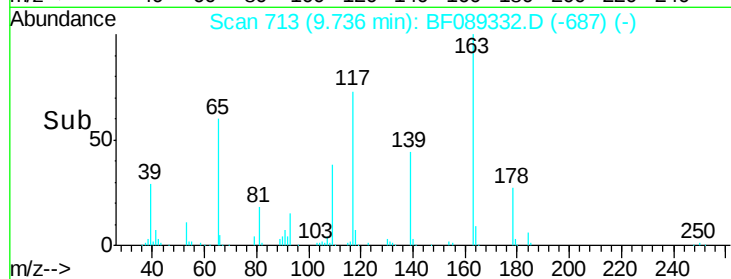
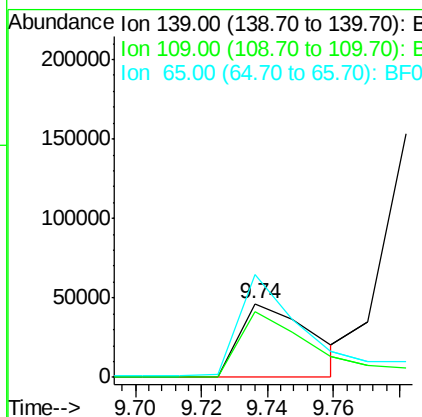
Manual Integrations

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Tot Ion:	139	Resp:	70764
Ion	Ratio	Lower	Upper
139	100		
109	89.0	57.8	97.8
65	139.8	81.7	121.7#



#56

2,4-Dinitrotoluene

Concen: 48.58 ng/mL

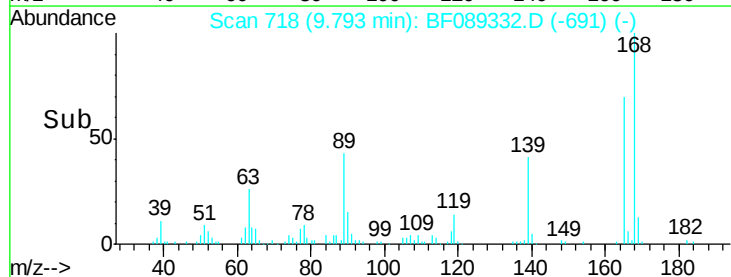
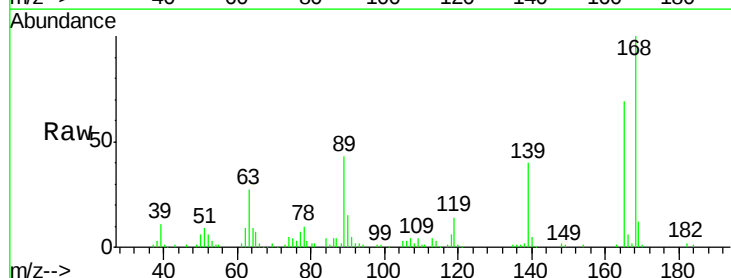
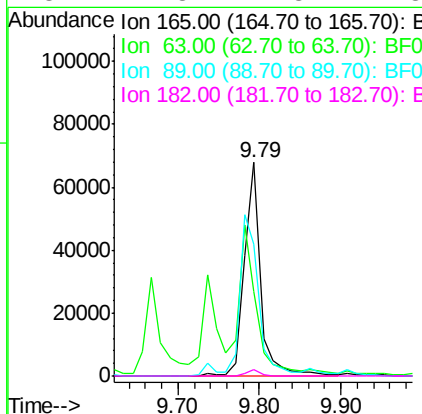
RT: 9.79 min Scan# 718

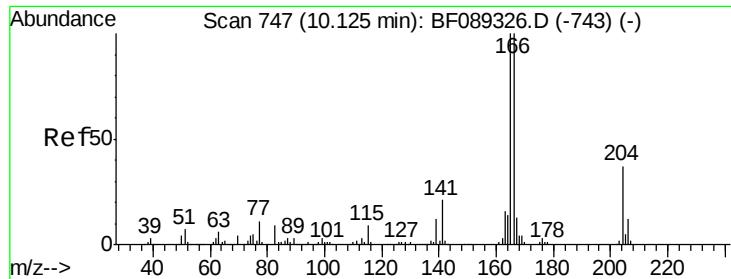
Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:	165	Resp:	94645
Ion	Ratio	Lower	Upper
165	100		
63	39.3	58.2	87.2#
89	61.8	79.1	118.7#
182	2.8	1.8	2.8#





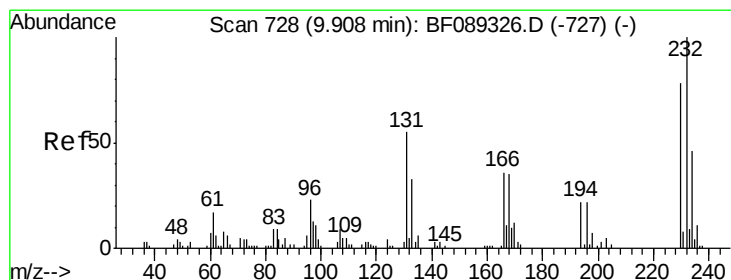
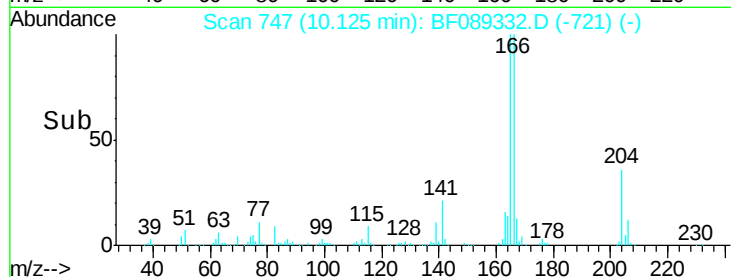
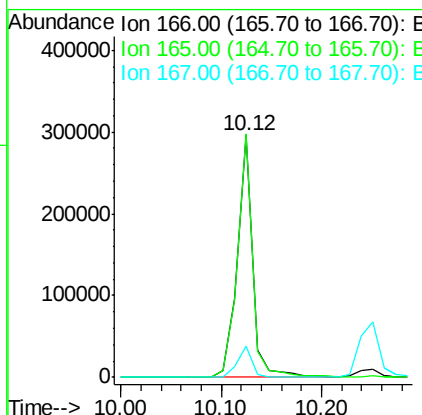
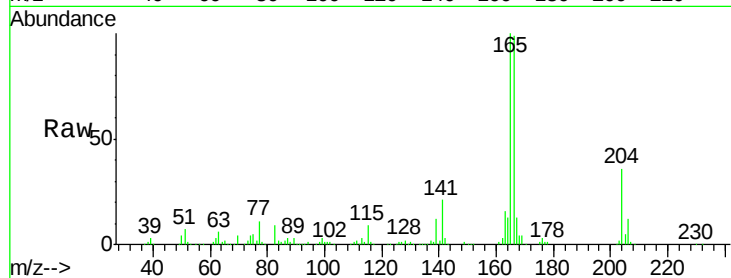
#57
 Fluorene
 Concen: 47.65 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.4
167	13.0	10.2	15.2

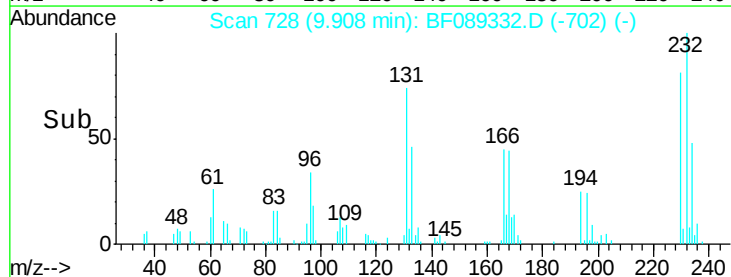
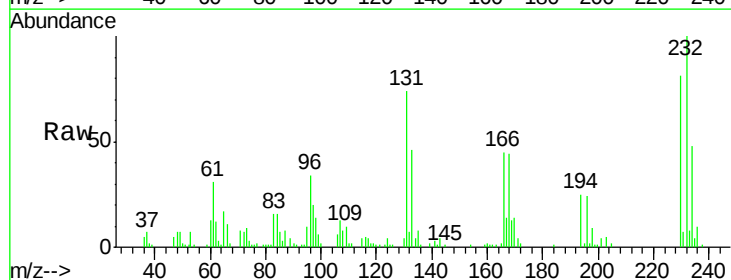
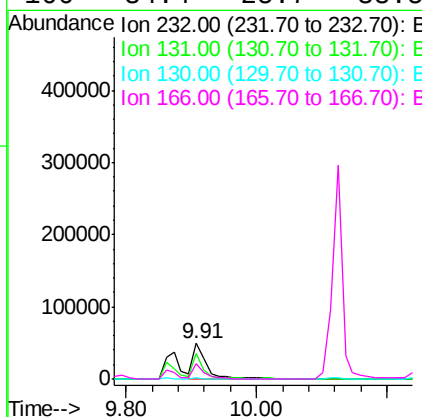
Manual Integrations

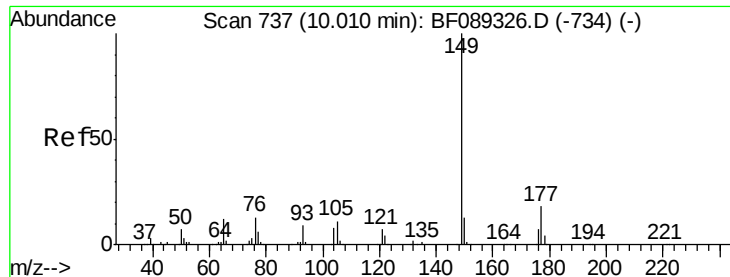
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.99 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.1	42.7	64.1
130	2.6	1.7	2.5#
166	34.4	25.7	38.5





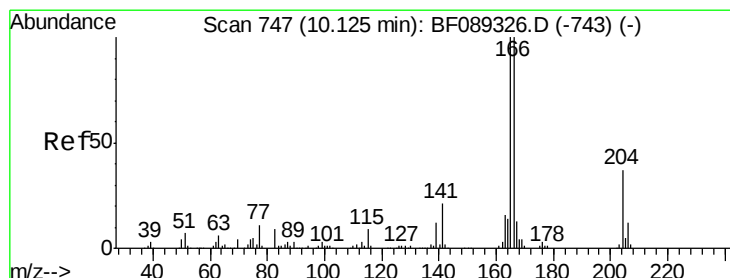
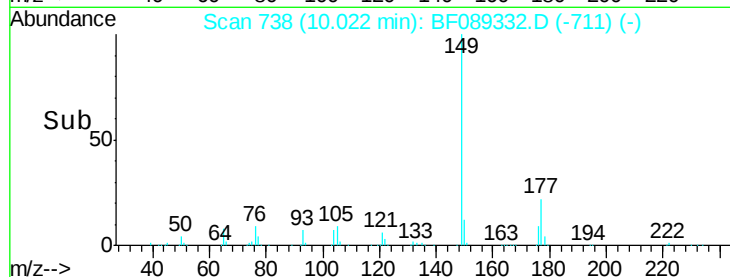
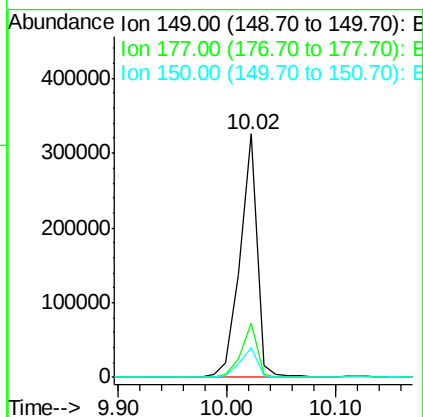
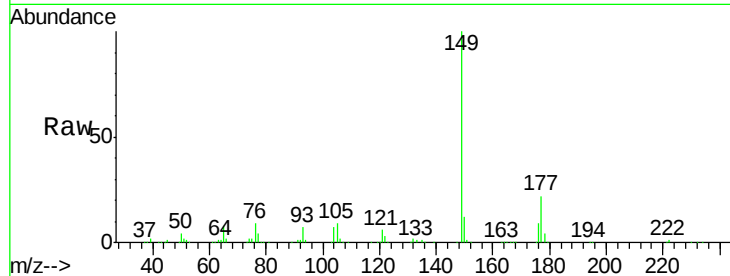
#59
Diethylphthalate
Concen: 48.30 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	15.1	22.7
150	12.5	10.2	15.4

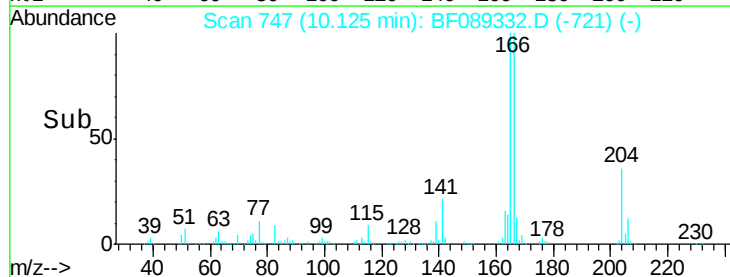
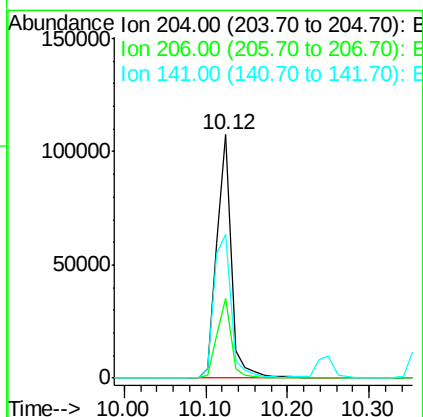
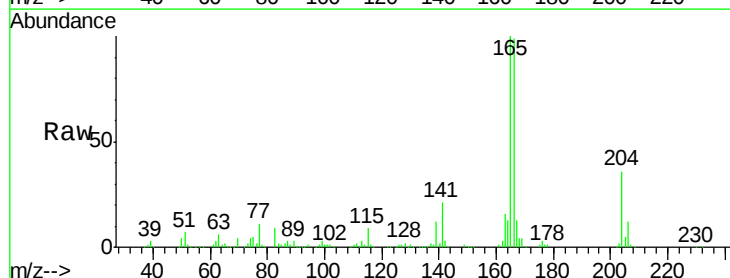
Manual Integrations

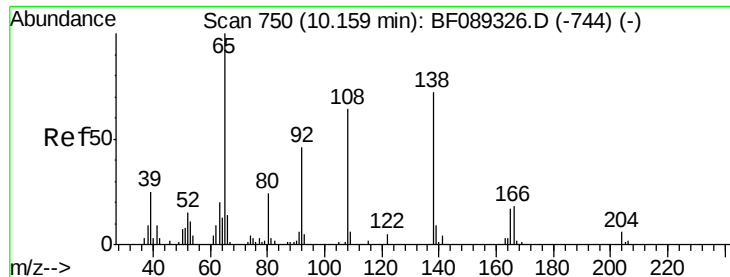
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.11 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	58.9	46.6	70.0





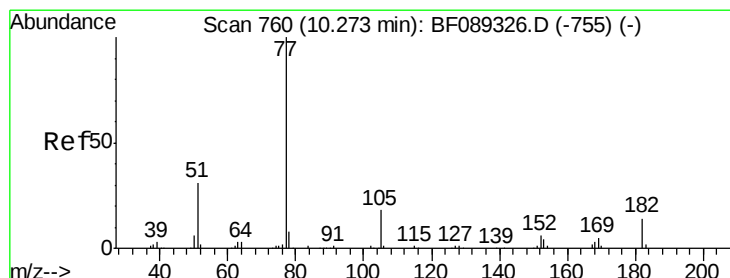
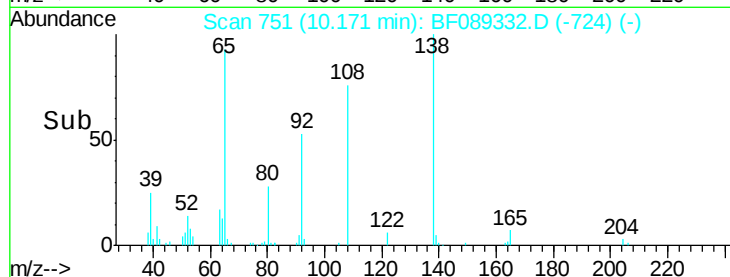
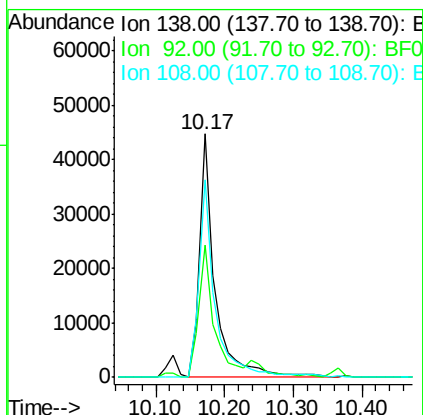
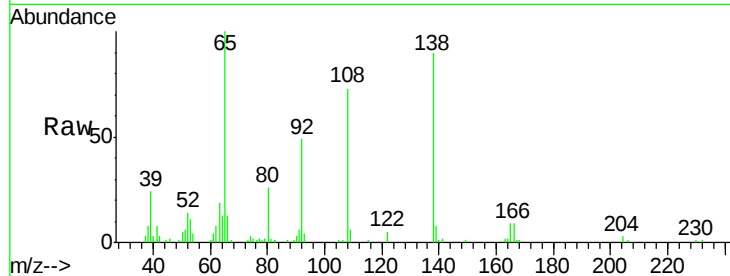
#61
4-Nitroaniline
Concen: 43.00 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion:138 Resp: 69217
Ion Ratio Lower Upper
138 100
92 54.2 41.2 81.2
108 81.3 69.6 109.6

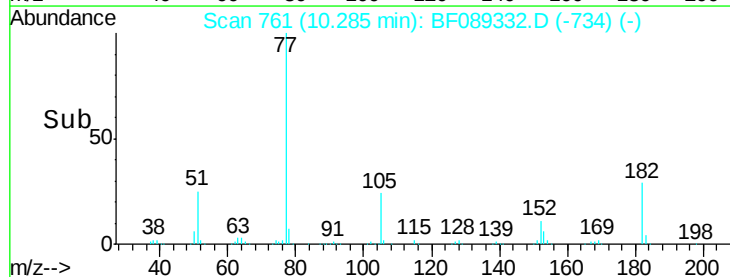
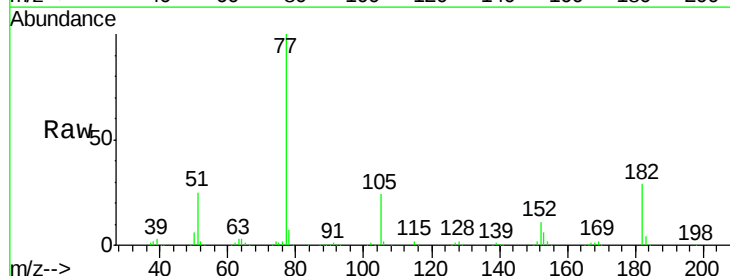
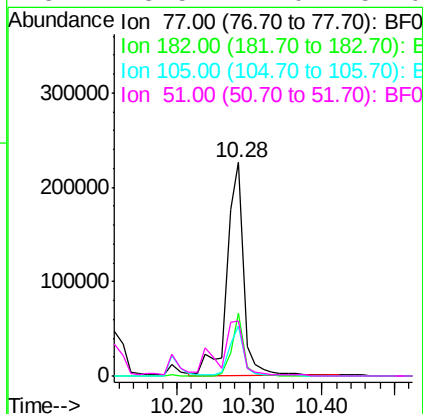
Manual Integrations

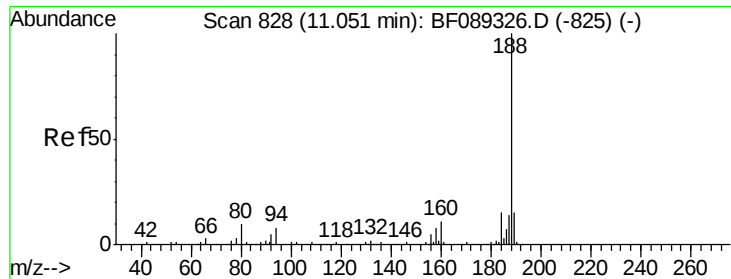
sohil
7/28/2016 4:57:22 PM



#62
Azobenzene
Concen: 47.74 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion: 77 Resp: 359012
Ion Ratio Lower Upper
77 100
182 29.4 0.0 33.8
105 23.6 0.0 39.8
51 25.5 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: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:188 Resp: 181451

Ion Ratio Lower Upper

188 100

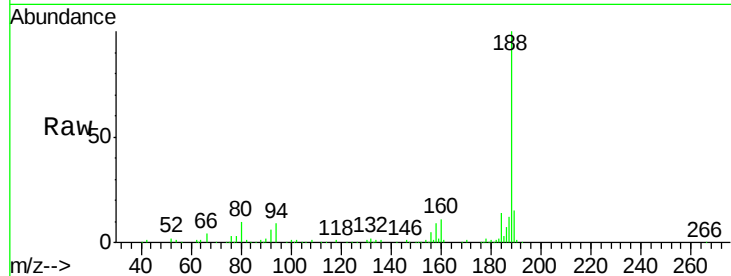
94 9.2 6.5 9.7

80 10.3 7.2 10.8

Manual Integrations

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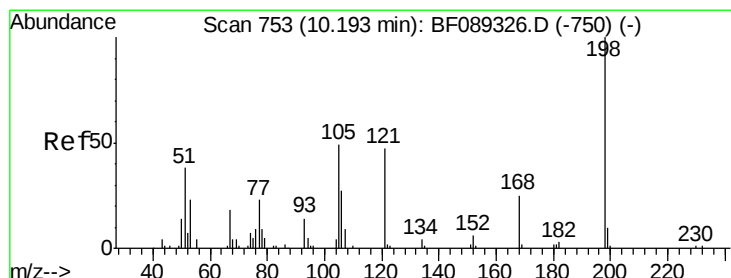
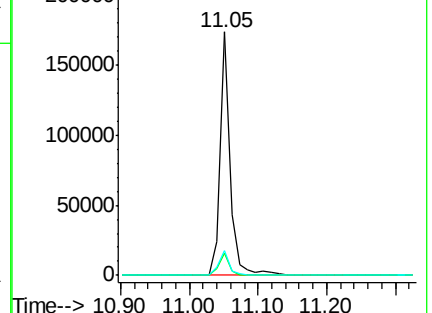
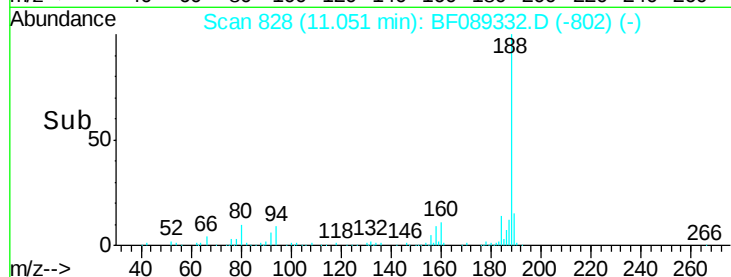
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.16 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

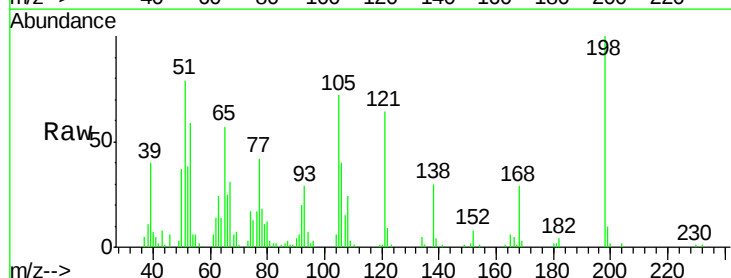
Tgt Ion:198 Resp: 46742

Ion Ratio Lower Upper

198 100

51 78.8 23.0 63.0#

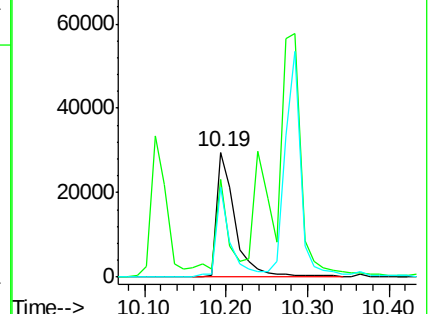
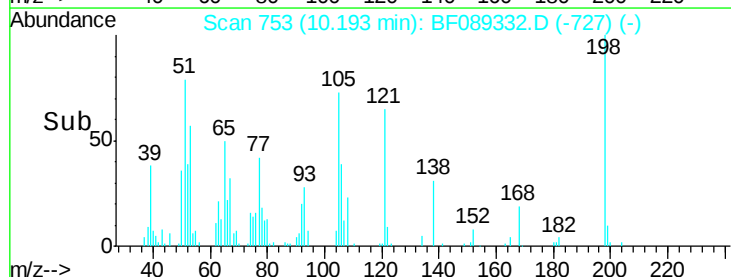
105 71.8 28.3 68.3#

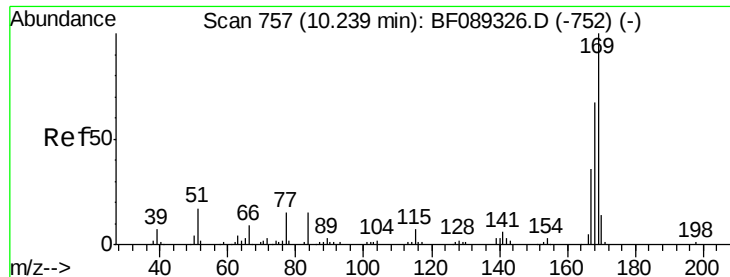


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.68 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:169 Resp: 258656

Ion Ratio Lower Upper

169 100

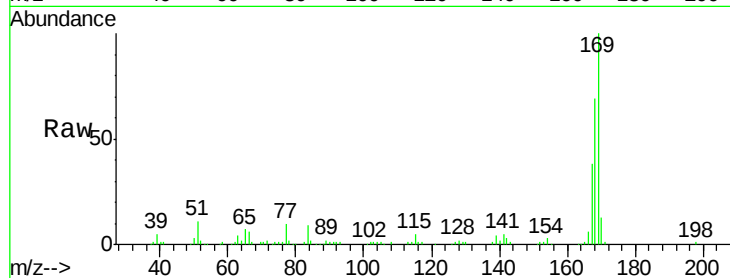
168 69.1 55.4 83.0

167 38.4 29.7 44.5

Manual Integrations

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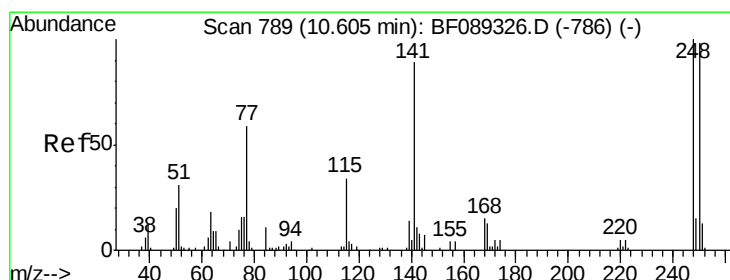
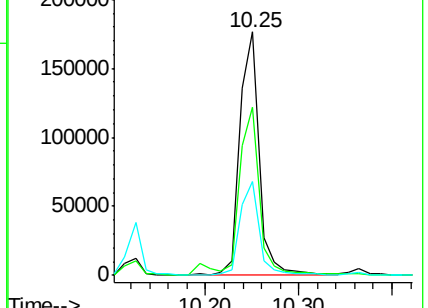
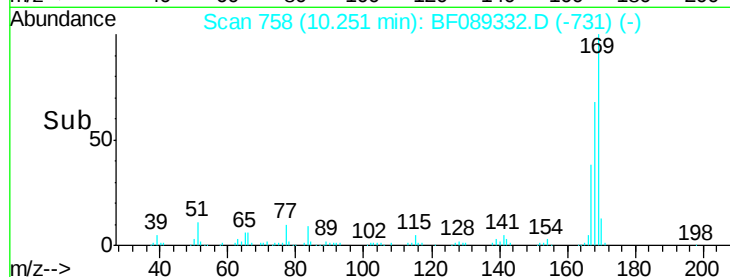
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.37 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

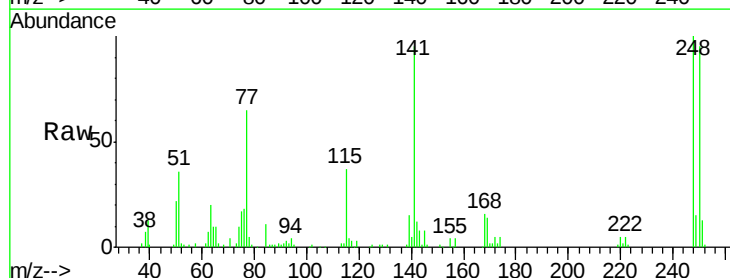
Tgt Ion:248 Resp: 83796

Ion Ratio Lower Upper

248 100

250 95.1 78.2 117.2

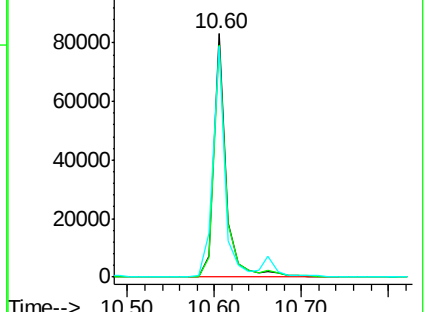
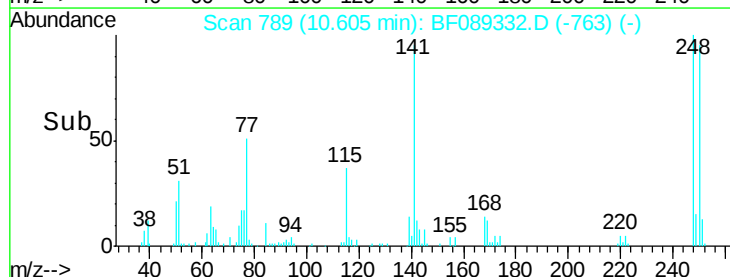
141 94.7 62.0 93.0#

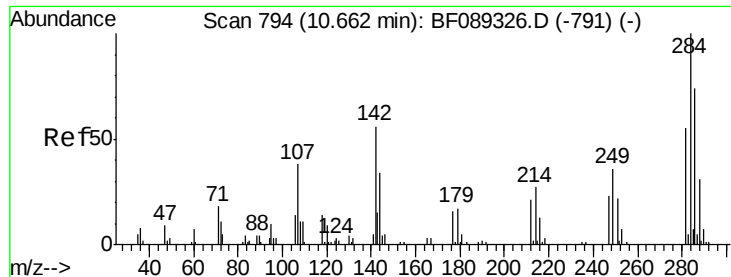


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.10 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:284 Resp: 76524

Ion Ratio Lower Upper

284 100

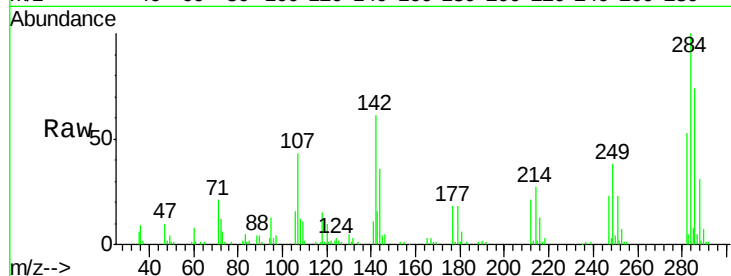
142 61.3 42.2 63.4

249 37.7 29.4 44.0

Manual Integrations

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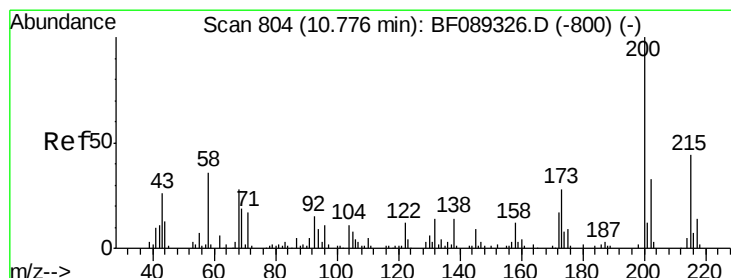
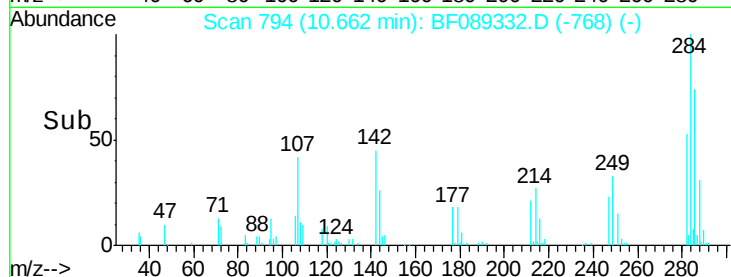
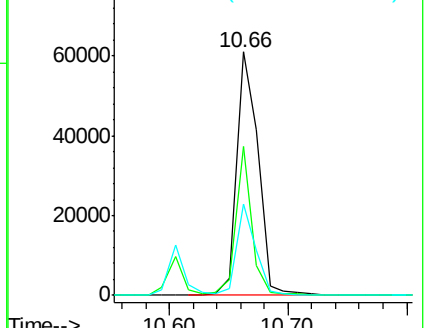
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.24 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

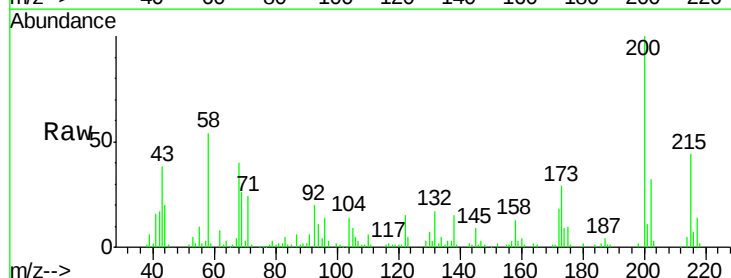
Tgt Ion:200 Resp: 76956

Ion Ratio Lower Upper

200 100

173 29.3 6.0 46.0

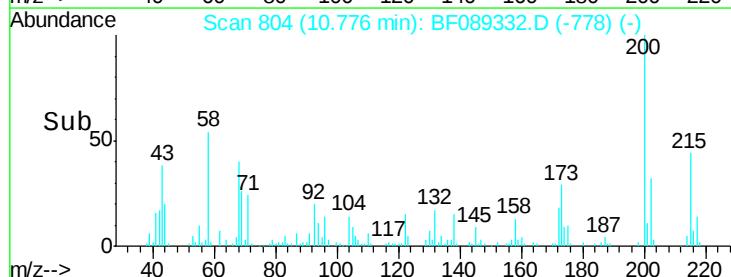
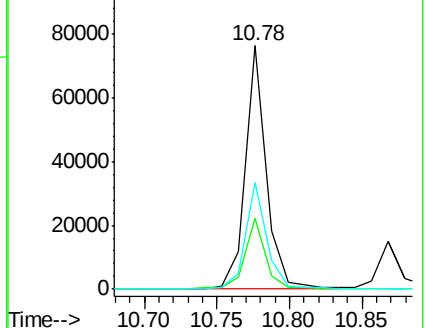
215 43.7 24.3 64.3

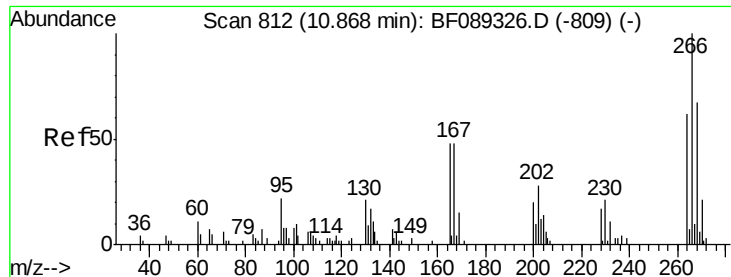


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





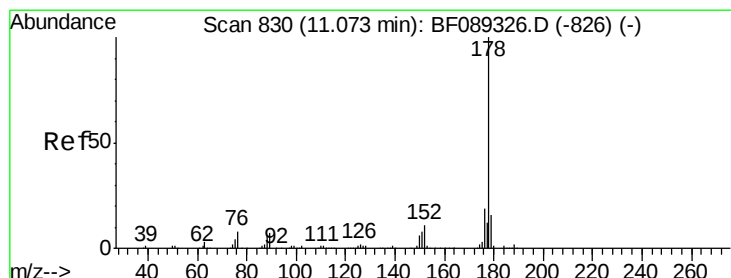
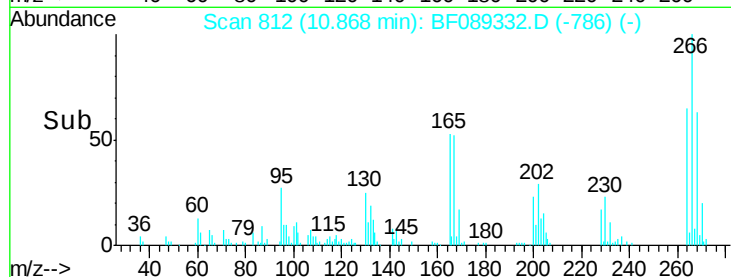
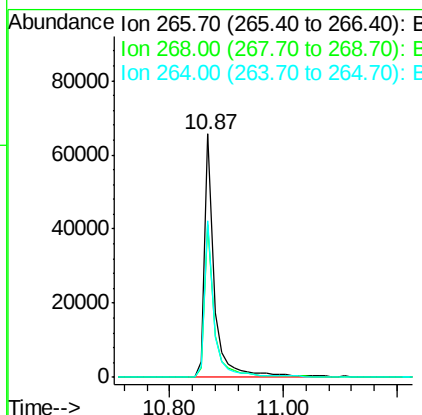
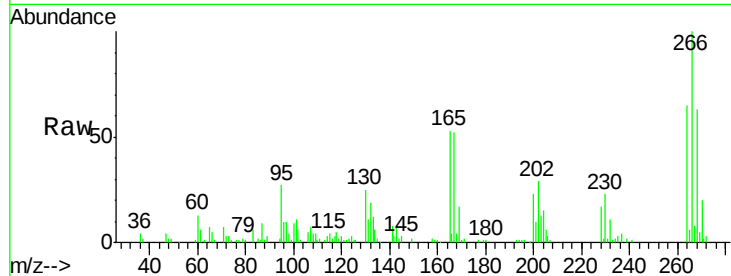
#69
 Pentachlorophenol
 Concen: 88.45 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.4	74.2
264	64.5	50.2	75.2

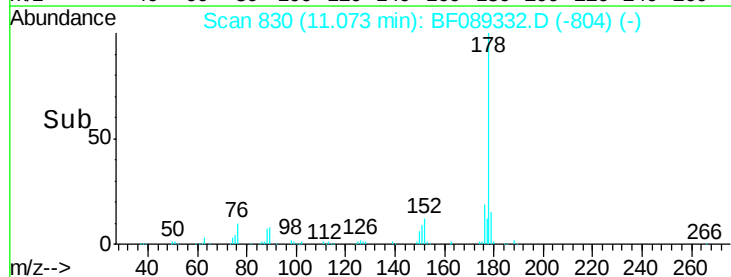
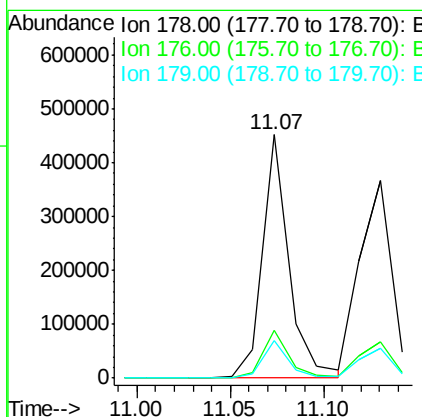
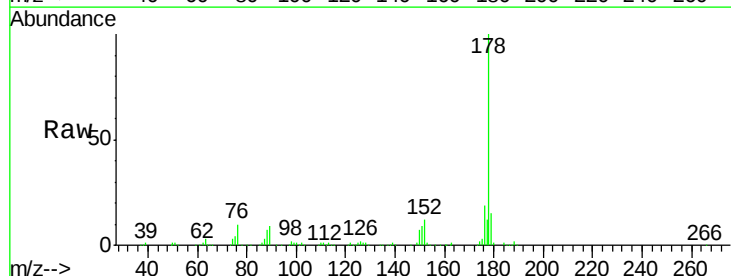
Manual Integrations

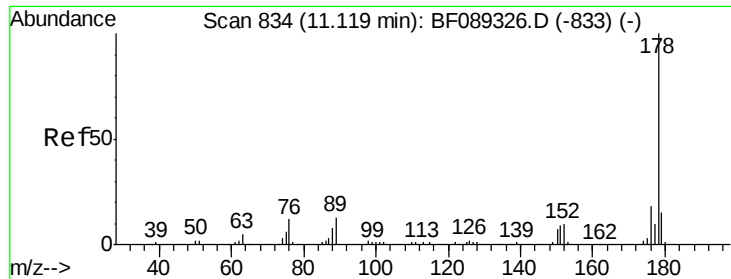
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#70
 Phenanthrene
 Concen: 47.55 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.3	18.5





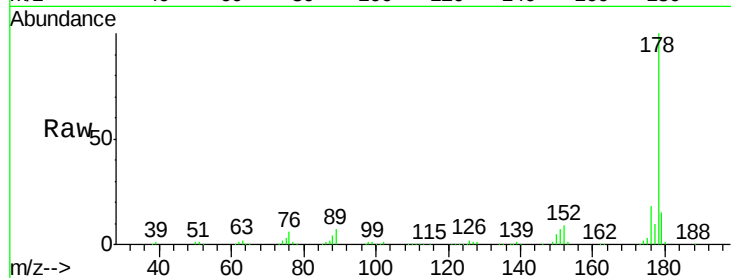
#71
 Anthracene
 Concen: 45.75 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

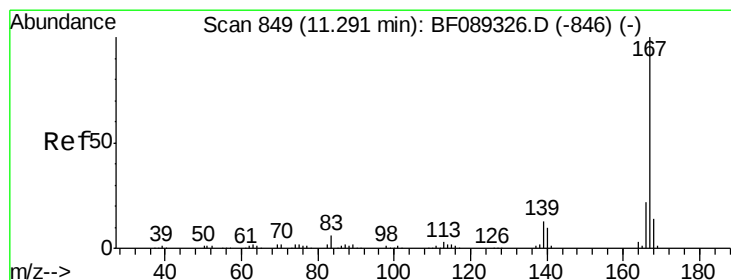
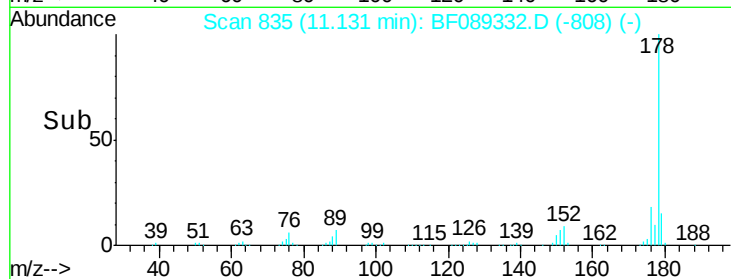
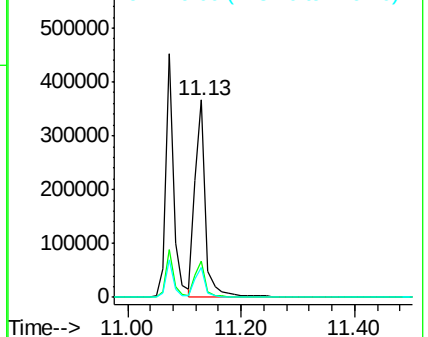
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.1	12.6	18.8

Manual Integrations

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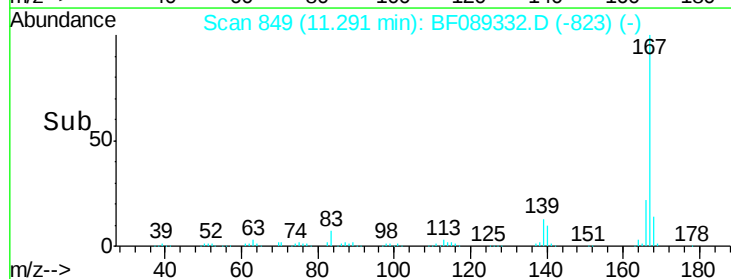
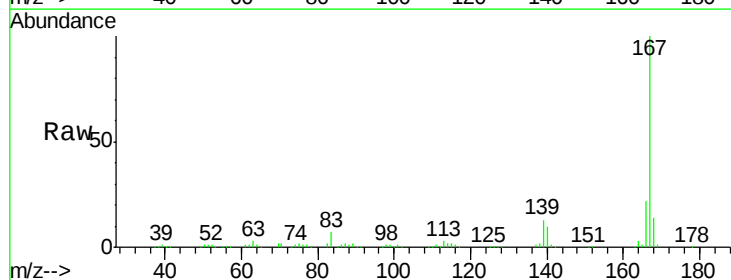
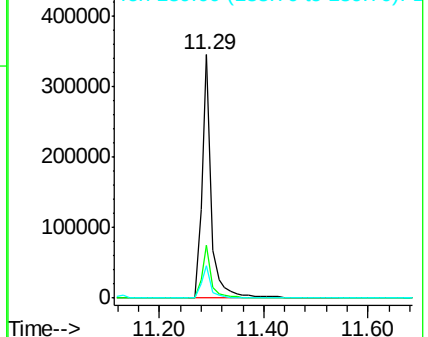
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

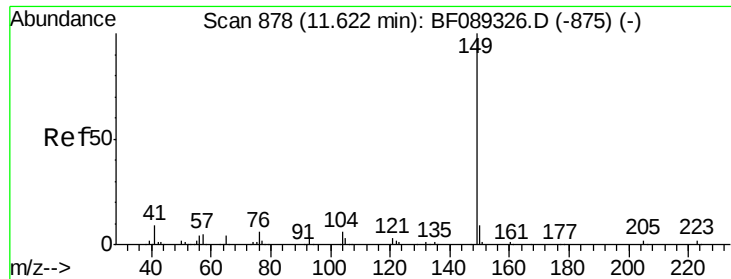


#72
 Carbazole
 Concen: 48.83 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.2	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: 44.20 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:149 Resp: 519385

Ion Ratio Lower Upper

149 100

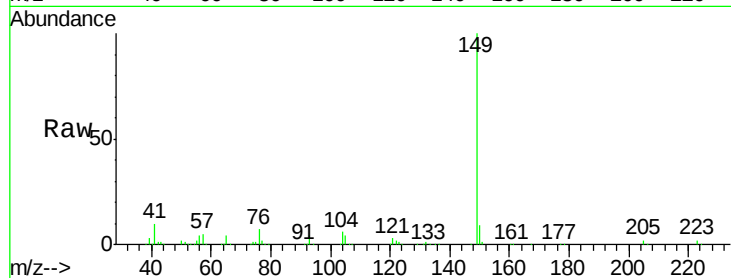
150 9.3 7.4 11.0

104 6.1 4.7 7.1

Manual Integrations

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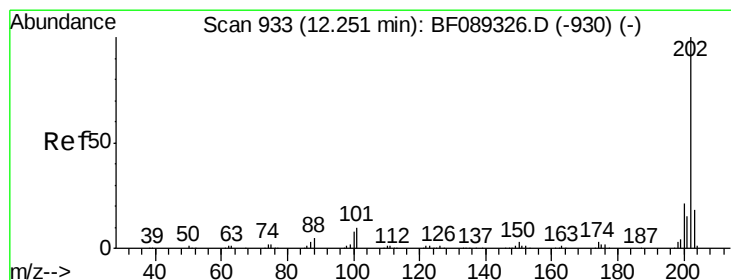
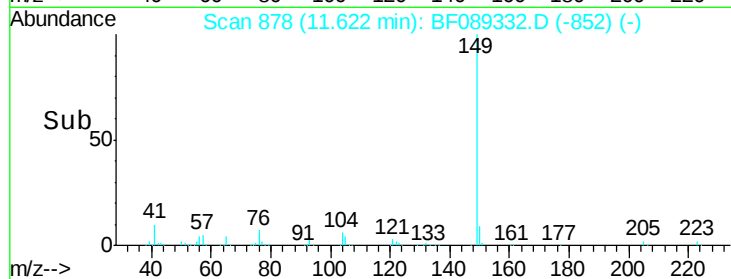
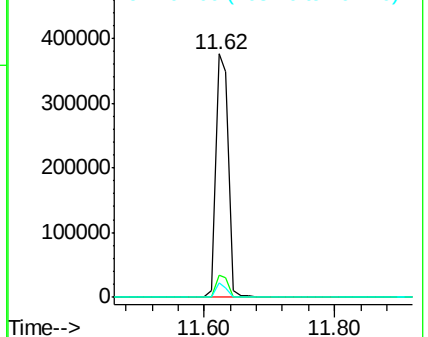
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.03 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

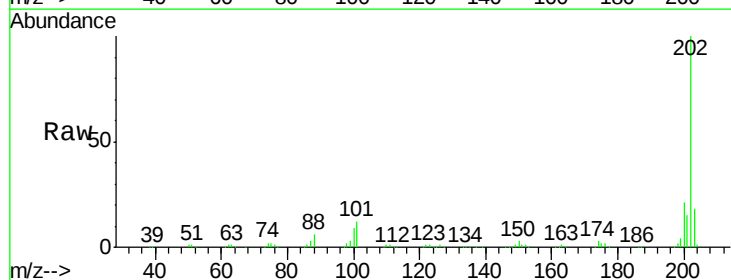
Tgt Ion:202 Resp: 472788

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.9

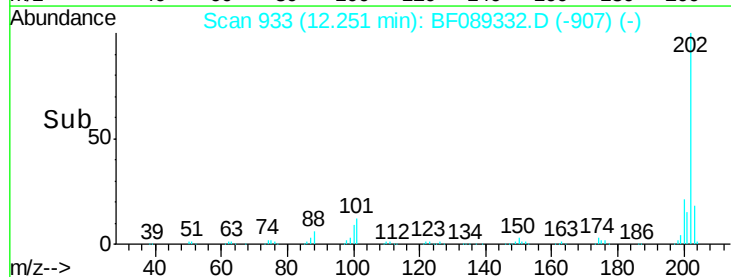
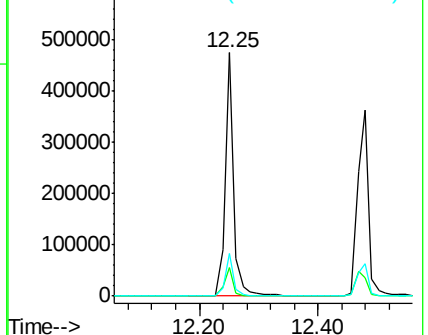
203 17.7 0.0 37.3

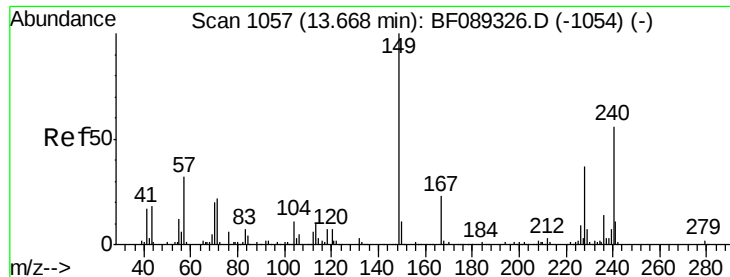


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:240 Resp: 133745

Ion Ratio Lower Upper

240 100

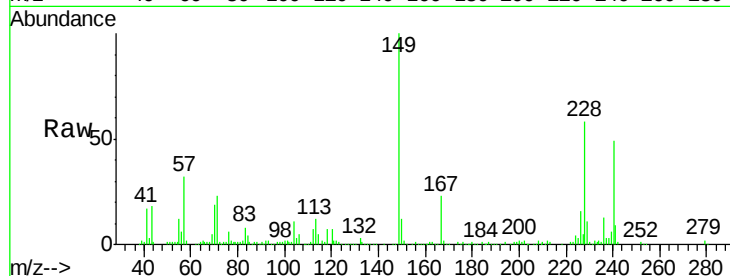
120 14.2 9.1 13.7#

236 25.4 20.6 30.8

Manual Integrations

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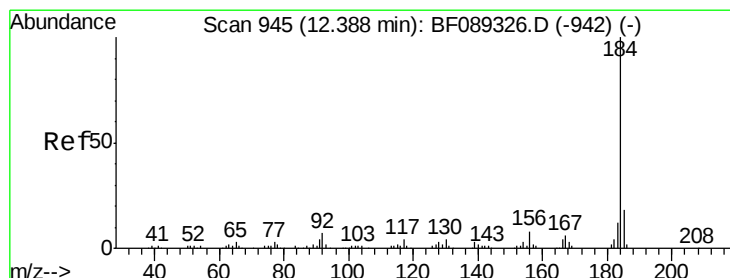
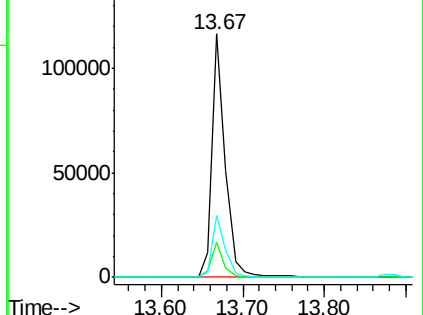
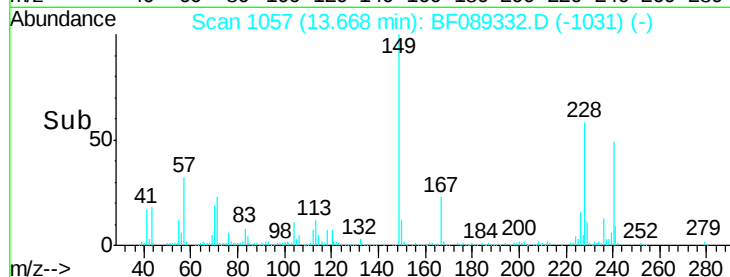
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.94 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

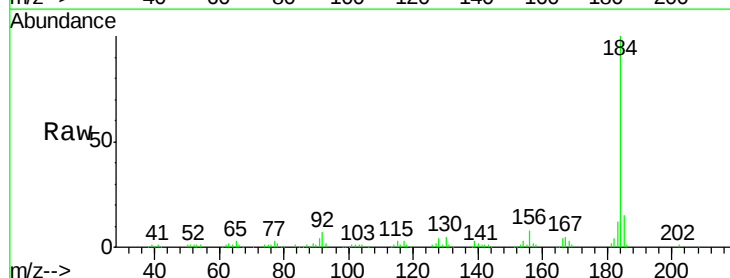
Tgt Ion:184 Resp: 182572

Ion Ratio Lower Upper

184 100

185 14.5 13.5 20.3

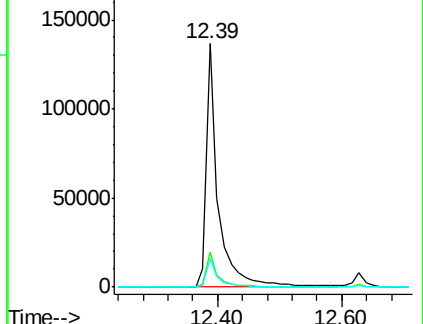
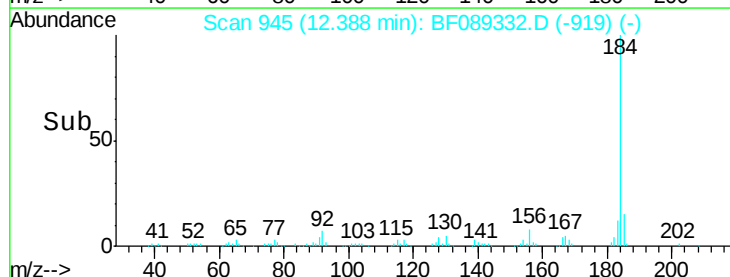
183 11.7 9.8 14.6

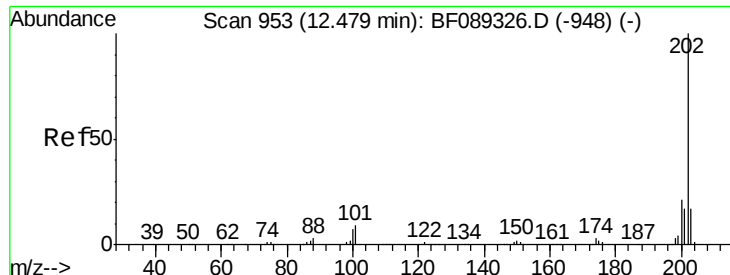


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





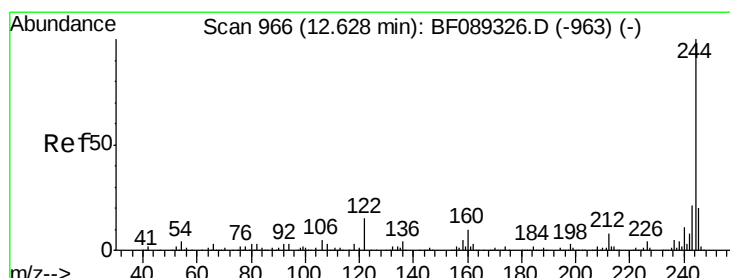
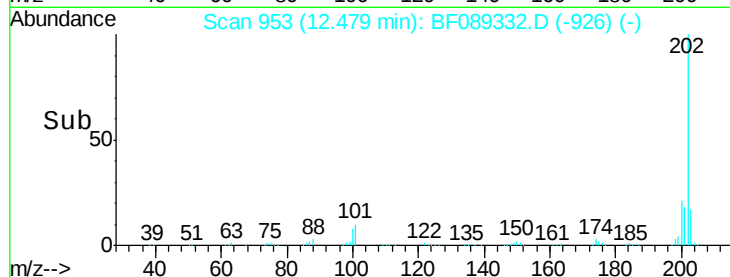
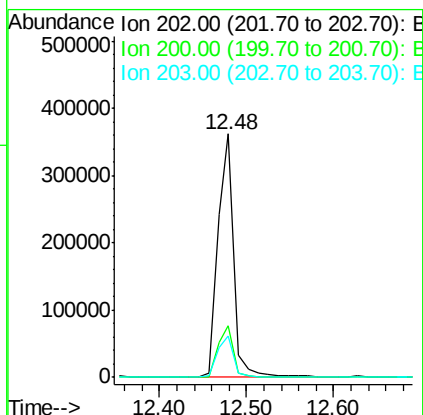
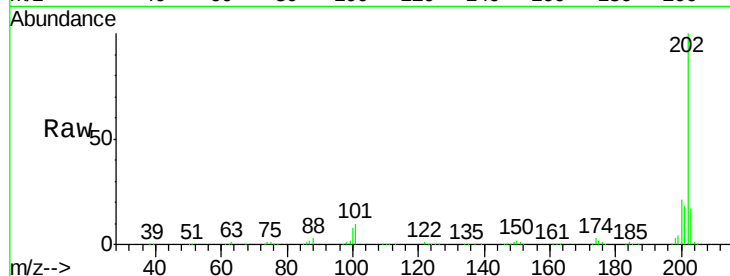
#77
Pvrene
Concen: 45.30 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.2	14.0	21.0

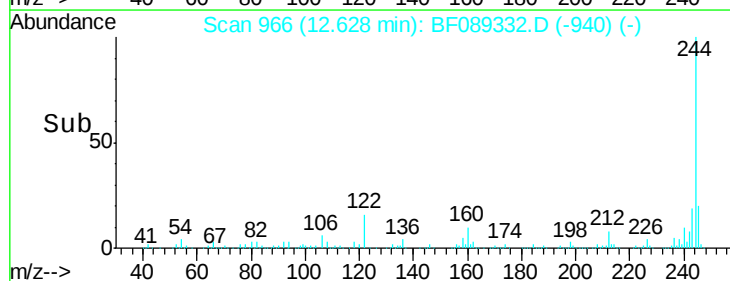
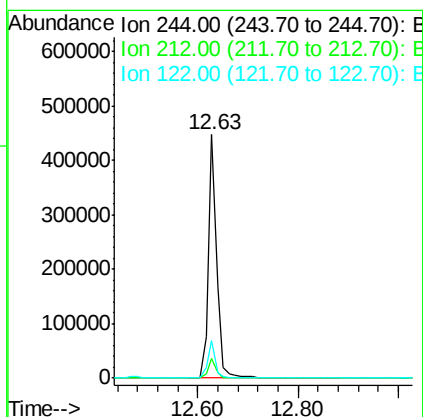
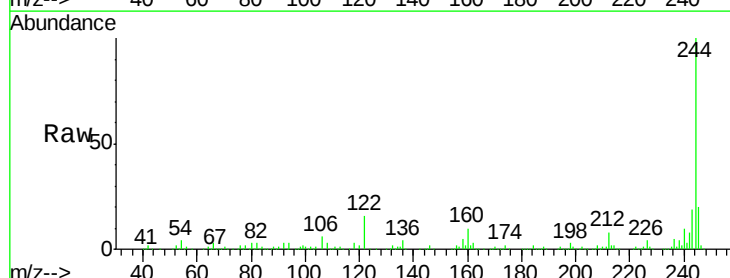
Manual Integrations

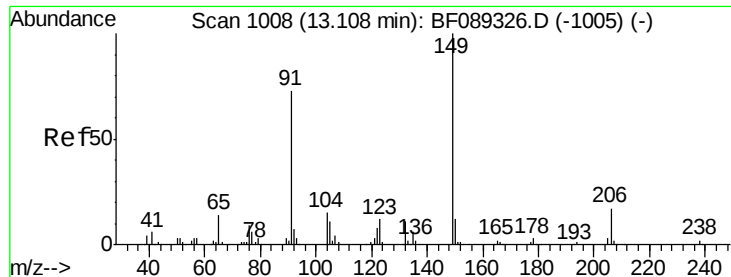
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#78
Terphenyl-d14
Concen: 89.11 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	15.7	11.4	17.0





#79

Butylbenzylphthalate

Concen: 48.02 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:149 Resp: 221308

Ion Ratio Lower Upper

149 100

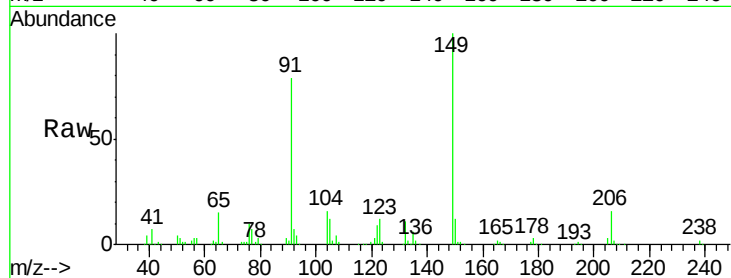
91 79.4 58.5 87.7

206 16.1 13.8 20.8

Manual Integrations

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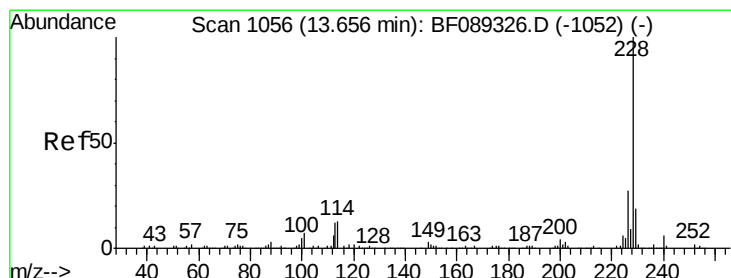
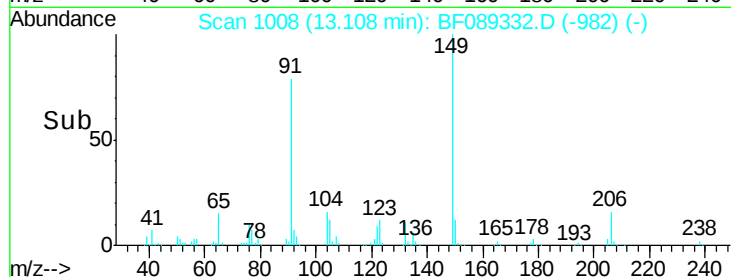
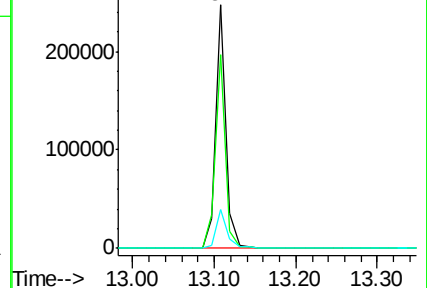
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.64 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

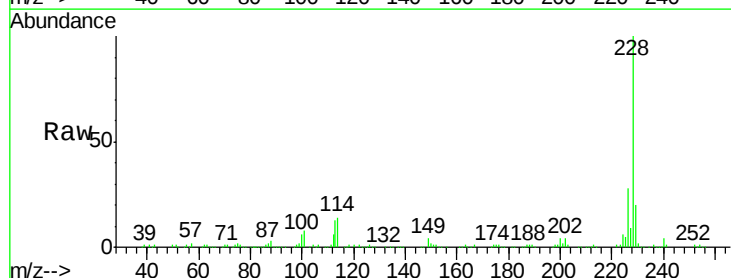
Tgt Ion:228 Resp: 352051

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.2

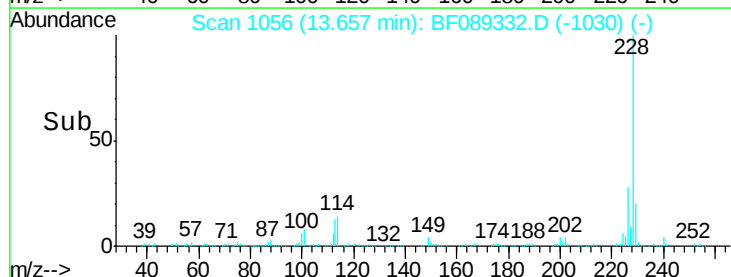
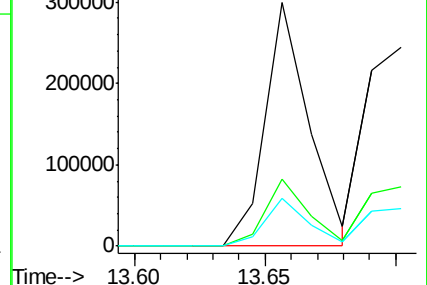
229 19.8 15.9 23.9

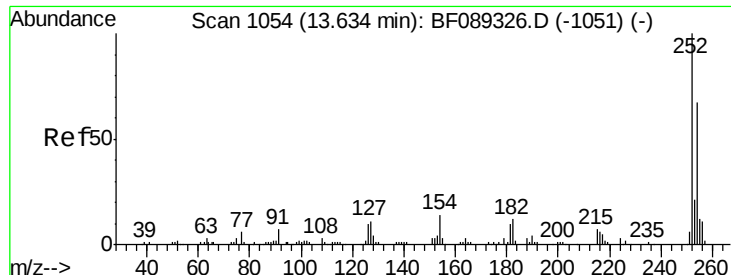


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





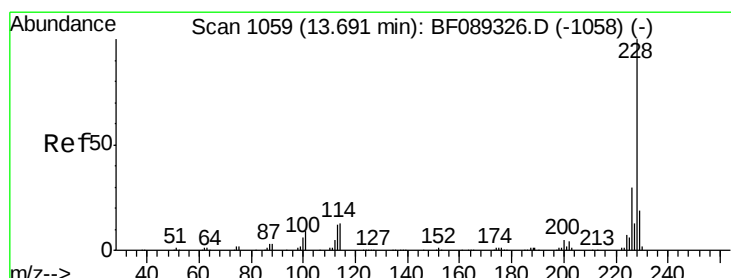
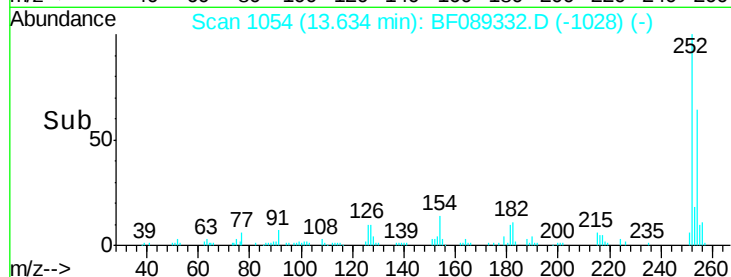
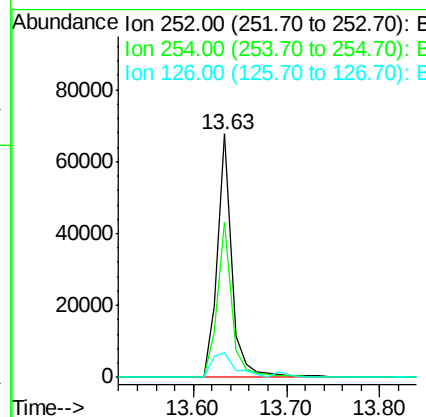
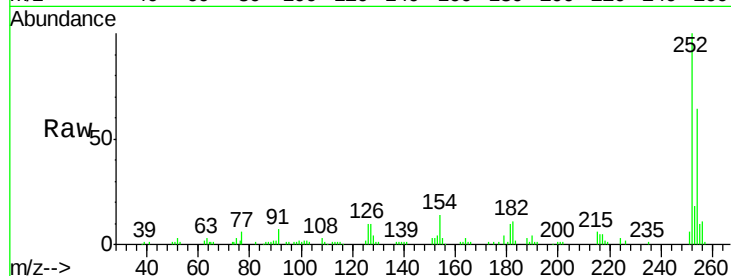
#81
 3,3'-Dichlorobenzidine
 Concen: 27.24 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.5	78.7
126	10.2	7.4	11.2

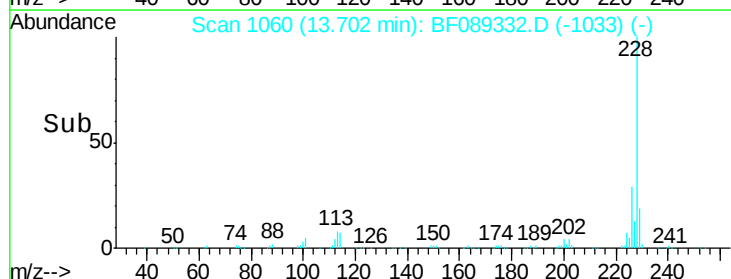
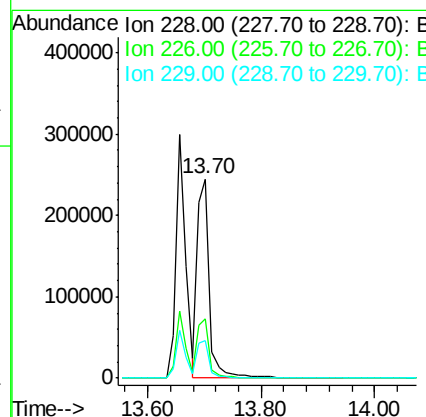
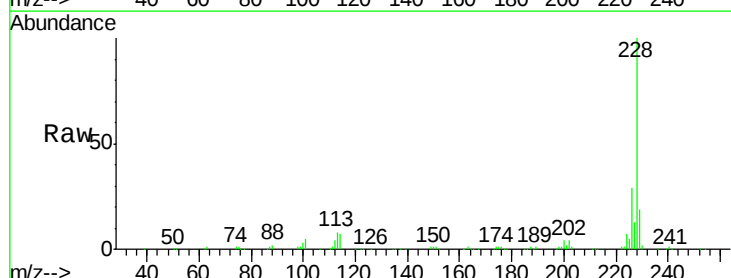
Manual Integrations

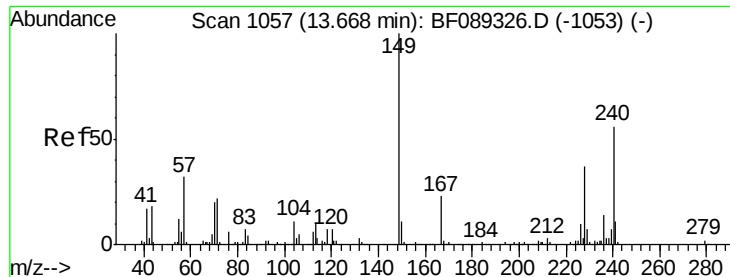
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#82
 Chrysene
 Concen: 45.60 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.1	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.49 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

Tot Ion:149 Resp: 309721

Ion Ratio Lower Upper

149 100

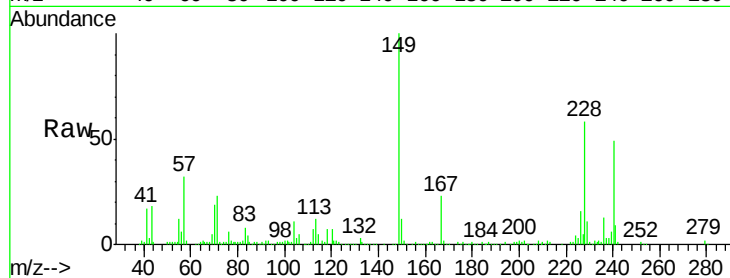
167 23.4 18.8 28.2

279 1.7 1.4 2.0

Manual Integrations

sohil

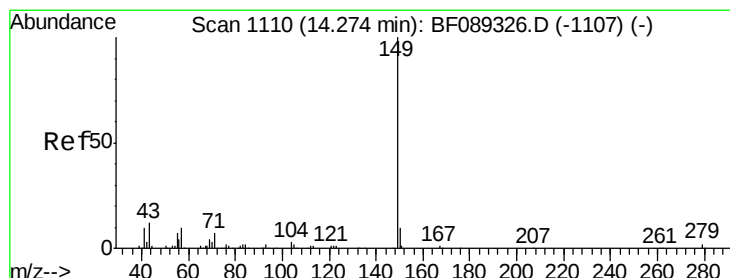
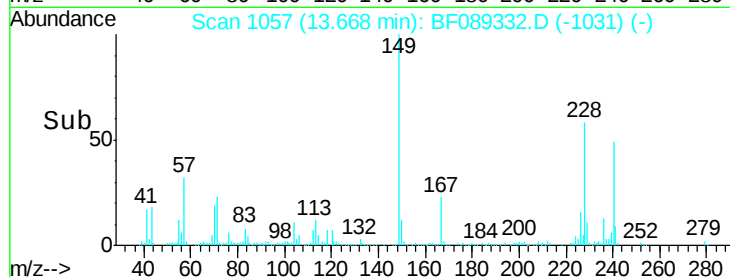
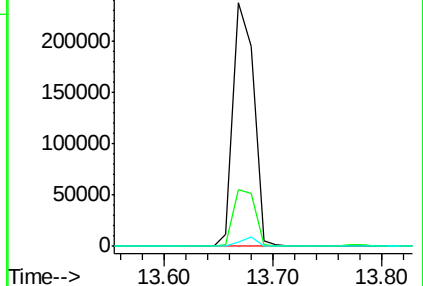
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.96 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089332.D

Acq: 27 Jul 2016 16:53

Tgt Ion:149 Resp: 529730

Ion Ratio Lower Upper

149 100

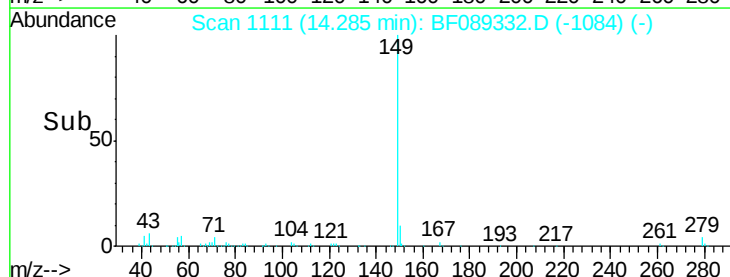
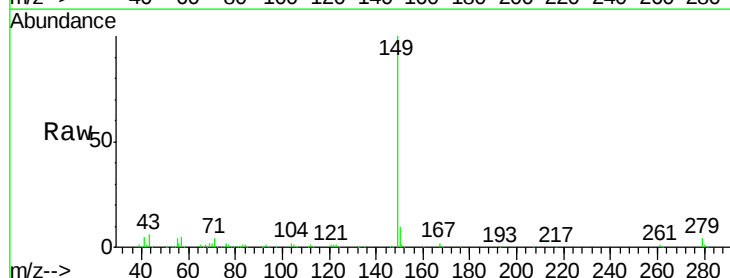
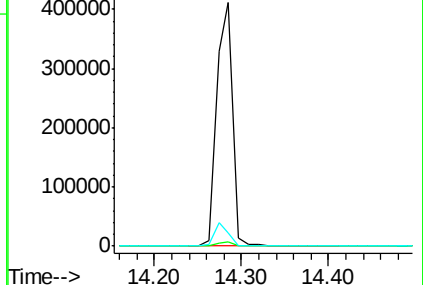
167 1.5 1.1 1.7

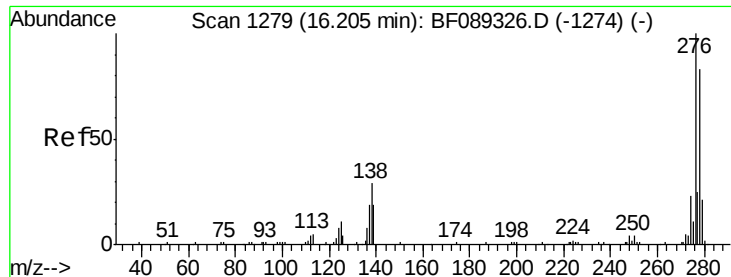
43 8.7 7.3 10.9

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





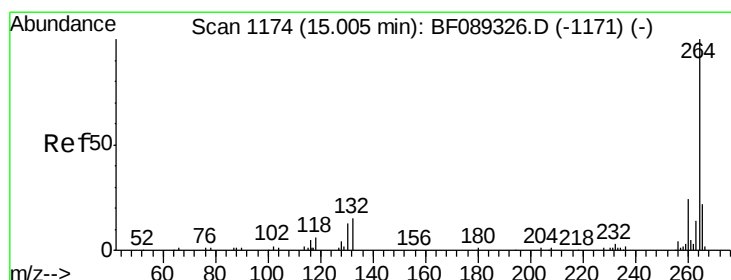
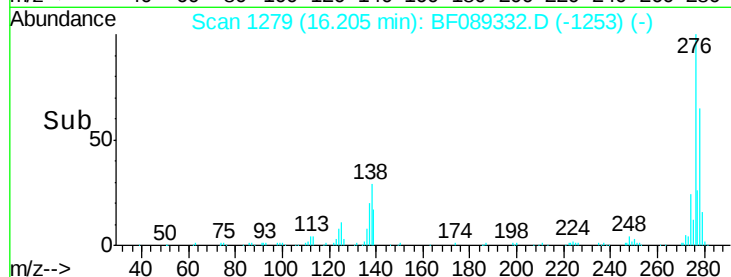
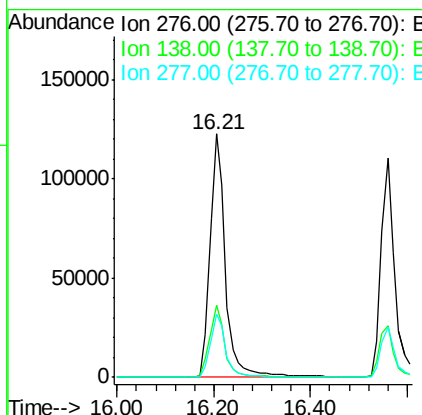
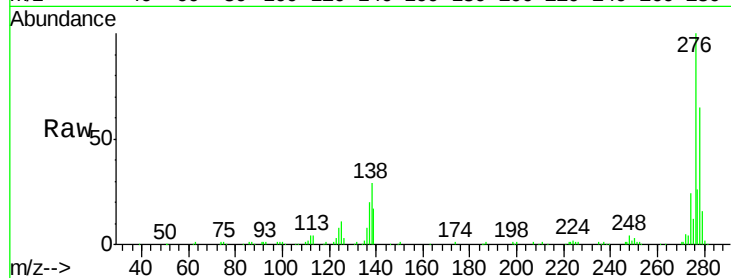
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.71 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB92412BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.4
277	25.6	20.2	30.4

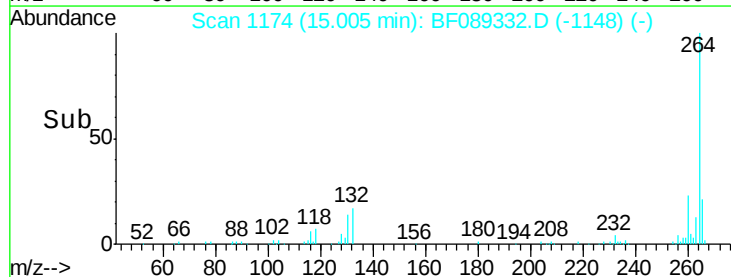
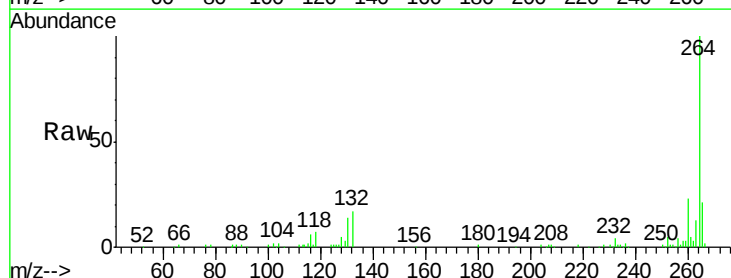
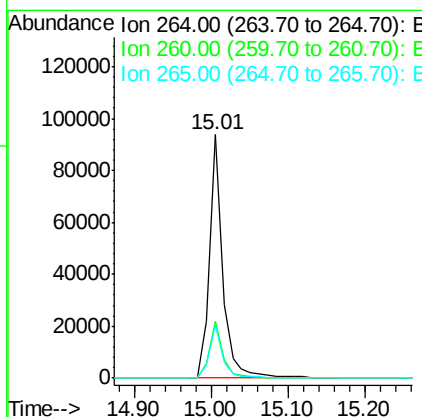
Manual Integrations

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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.13 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089332.D

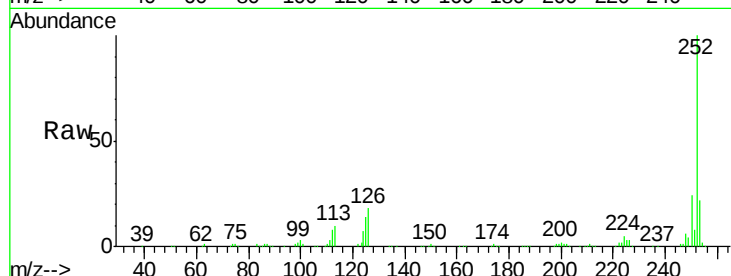
Acq: 27 Jul 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB92412BS

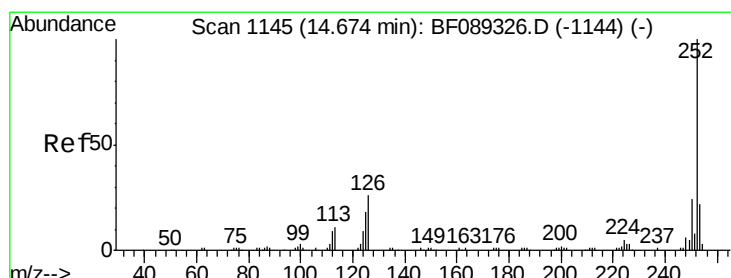
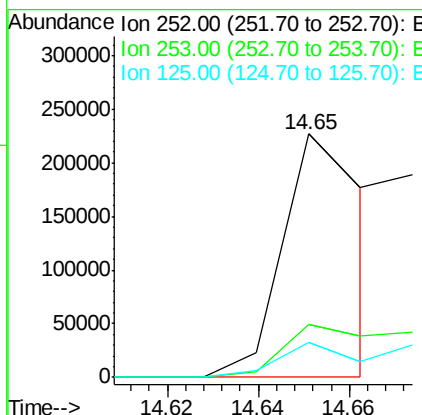
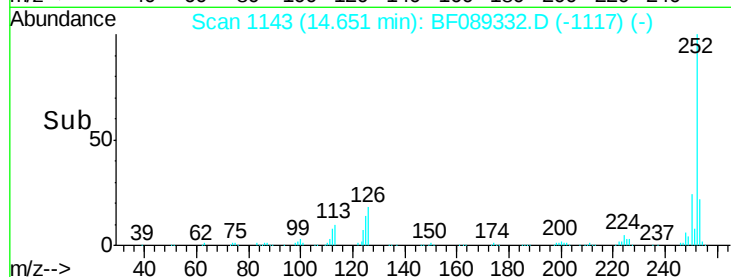


Tot Ion	252	Resp	292774
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	14.2	9.7	14.5

Manual Integrations

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#88

Benzo(k)fluoranthene

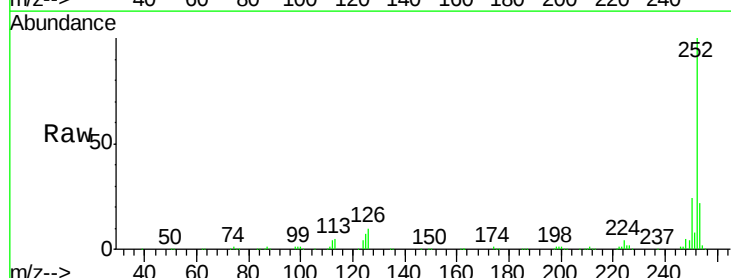
Concen: 52.57 ng m

RT: 14.69 min Scan# 1146

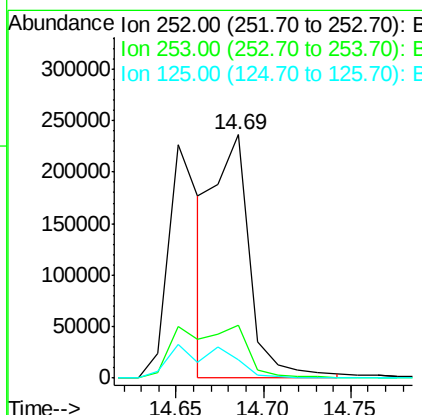
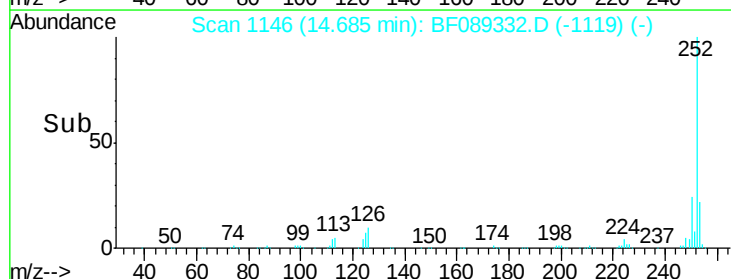
Delta R.T. 0.01 min

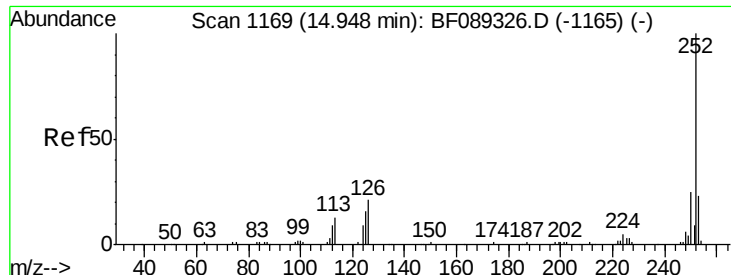
Lab File: BF089332.D

Acq: 27 Jul 2016 16:53



Tgt Ion	252	Resp	335933
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	7.4	10.7	16.1#





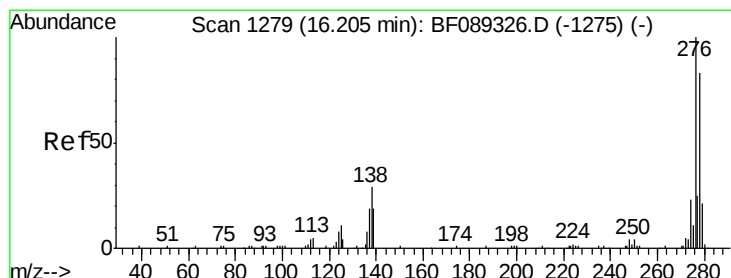
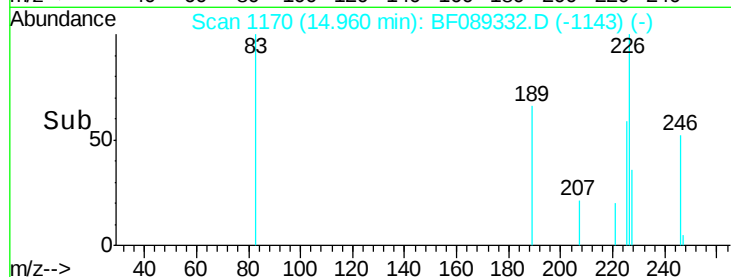
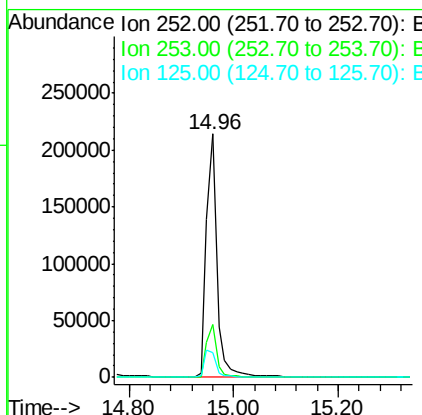
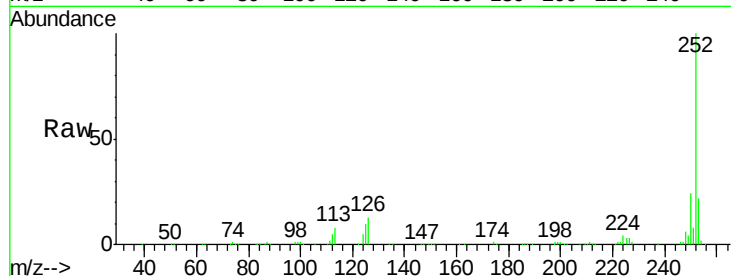
#89
Benzo(a)pyrene
Concen: 48.36 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Instrument :
BNA_F
ClientSampled :
PB92412BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.0	12.4	18.6

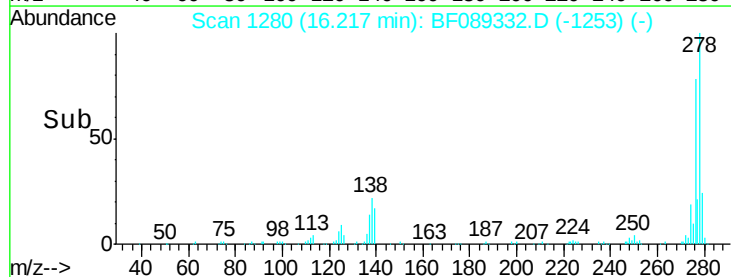
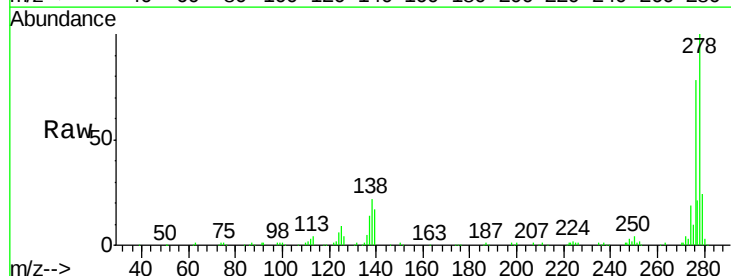
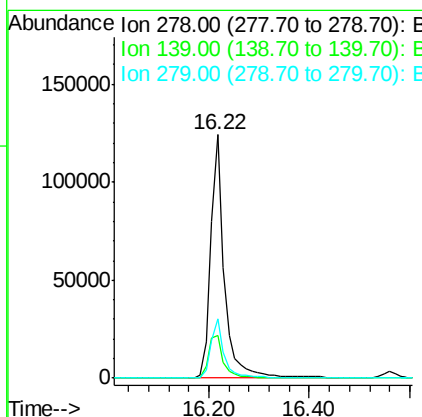
Manual Integrations

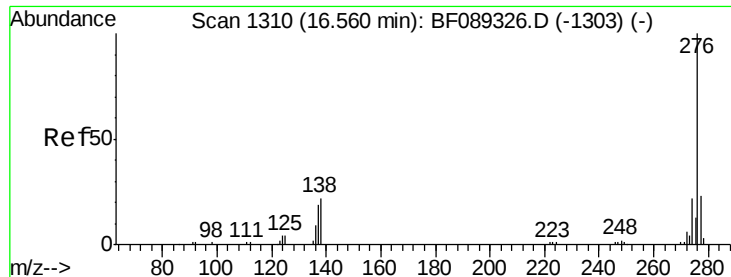
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.74 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089332.D
Acq: 27 Jul 2016 16:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.3	24.5
279	24.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 46.33 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089332.D
 Acq: 27 Jul 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92412BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	23.8	21.4	32.0

Manual Integrations

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