

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089338.D
 Acq On : 27 Jul 2016 19:48
 Operator : UM/SJ
 Sample : H4176-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Manual Integrations

sohil
 7/28/2016 4:56:21 PM

Quant Time: Jul 28 01:17:05 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	44089	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	188917	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	92617	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	176583	20.00	ng	0.00
75) Chrysene-d12	13.67	240	126226	20.00	ng	0.00
86) Perylene-d12	15.01	264	103184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	431439	156.25	ng	0.02
7) Phenol-d6	6.22	99	582851	159.73	ng	0.01
23) Nitrobenzene-d5	7.12	82	359095	112.20	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	114413	149.16	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	672157	106.51	ng	0.00
78) Terphenyl-d14	12.63	244	548993	101.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	49698	39.70	ng	# 91
3) Pyridine	2.63	79	130265	48.22	ng	99
4) n-Nitrosodimethylamine	2.60	42	54720	49.00	ng	91
6) Aniline	6.22	93	108244	27.47	ng	# 30
8) 2-Chlorophenol	6.33	128	163860	52.46	ng	92
9) Benzaldehyde	6.09	77	21971	12.33	ng	92
10) Phenol	6.23	94	210197	52.20	ng	82
11) bis(2-Chloroethyl)ether	6.30	93	163429	47.77	ng	96
12) 1,3-Dichlorobenzene	6.48	146	162832	49.84	ng	99
13) 1,4-Dichlorobenzene	6.56	146	178123	49.40	ng	99
14) 1,2-Dichlorobenzene	6.72	146	155444	46.02	ng	99
15) Benzyl Alcohol	6.71	79	137856	60.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	182817	48.99	ng	85
17) 2-Methylphenol	6.83	107	127824	52.95	ng	96
18) Hexachloroethane	7.05	117	66647	48.21	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	123198	55.99	ng	92
20) 3+4-Methylphenols	6.99	107	164401	53.03	ng	86
22) Acetophenone	6.97	105	241531	53.70	ng	98
24) Nitrobenzene	7.14	77	173051	47.51	ng	98
25) Isophorone	7.38	82	333666	51.75	ng	100
26) 2-Nitrophenol	7.46	139	84076	51.62	ng	96
27) 2,4-Dimethylphenol	7.51	122	131821	50.81	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	200705	56.24	ng	99
29) 2,4-Dichlorophenol	7.70	162	137421	58.13	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	141574	52.49	ng	99
31) Naphthalene	7.85	128	492817	52.68	ng	100
32) Benzoic acid	7.63	122	15221	8.42	ng	94
33) 4-Chloroaniline	7.92	127	52652	14.78	ng	96
34) Hexachlorobutadiene	7.98	225	78413	50.76	ng	99
35) Caprolactam	8.30	113	38501m	53.96	ng	
36) 4-Chloro-3-methylphenol	8.42	107	160987	57.30	ng	99
37) 2-Methylnaphthalene	8.55	142	308235	54.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	128240	39.57	ng	99
40) Hexachlorocyclopentadiene	8.70	237	98916	104.05	ng	100

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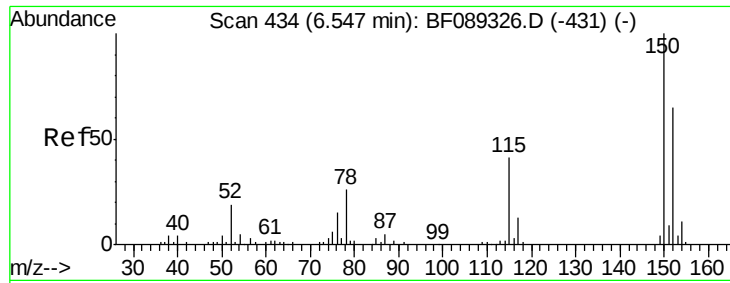
Manual Integrations

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Quant Time: Jul 28 01:17:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	83936	54.47	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	94773	48.55	nq	# 89
45) 1,1'-Biphenyl	9.02	154	367525	46.61	nq	95
46) 2-Chloronaphthalene	9.03	162	284025	47.96	nq	99
47) 2-Nitroaniline	9.14	65	97735	55.73	nq	97
48) Acenaphthylene	9.44	152	466804	50.04	nq	99
49) Dimethylphthalate	9.32	163	490255	69.55	nq	99
50) 2,6-Dinitrotoluene	9.38	165	71904	49.65	nq	# 67
51) Acenaphthene	9.61	154	272224	49.97	nq	99
52) 3-Nitroaniline	9.55	138	41931	27.43	nq	93
53) 2,4-Dinitrophenol	9.67	184	23879	46.65	nq	98
54) Dibenzofuran	9.78	168	399885	53.87	nq	98
55) 4-Nitrophenol	9.75	139	79563m	104.81	nq	
56) 2,4-Dinitrotoluene	9.79	165	109149	57.25	nq	# 63
57) Fluorene	10.12	166	339682	52.42	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	76035	58.34	nq	# 95
59) Diethylphthalate	10.02	149	384954	53.87	nq	97
60) 4-Chlorophenyl-phenylether	10.12	204	144535	48.63	nq	100
61) 4-Nitroaniline	10.17	138	77178	48.99	nq	92
62) Azobenzene	10.28	77	393837	53.51	nq	84
64) 4,6-Dinitro-2-methylphenol	10.20	198	43887	41.80	nq	89
65) n-Nitrosodiphenylamine	10.25	169	289537	52.55	nq	100
66) 4-Bromophenyl-phenylether	10.60	248	88618	52.56	nq	# 90
67) Hexachlorobenzene	10.66	284	84346	48.82	nq	92
68) Atrazine	10.78	200	81313	48.04	nq	97
69) Pentachlorophenol	10.87	266	81762	96.34	nq	98
70) Phenanthrene	11.07	178	464482	51.00	nq	99
71) Anthracene	11.13	178	505497	49.92	nq	100
72) Carbazole	11.29	167	468645	54.98	nq	99
73) Di-n-butylphthalate	11.63	149	559346	48.91	nq	# 97
74) Fluoranthene	12.25	202	488798	51.02	nq	97
76) Benzidine	12.39	184	160312	34.37	nq	97
77) Pyrene	12.48	202	501290	52.40	nq	100
79) Butylbenzylphthalate	13.11	149	232839	53.53	nq	93
80) Benzo(a)anthracene	13.66	228	367485	51.59	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	63825	24.90	nq	98
82) Chrysene	13.70	228	369593	48.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	324412	51.60	nq	99
84) Di-n-octyl phthalate	14.29	149	544528	55.50	nq	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	287873	53.40	nq	99
87) Benzo(b)fluoranthene	14.65	252	286896m	44.77	nq	
88) Benzo(k)fluoranthene	14.69	252	335161m	56.89	nq	
89) Benzo(a)pyrene	14.96	252	297859	51.82	nq	# 94
90) Dibenzo(a,h)anthracene	16.22	278	239827	52.96	nq	97
91) Benzo(g,h,i)perylene	16.56	276	231370	51.98	nq	99

(#) = 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: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:152 Resp: 44089

Ion Ratio Lower Upper

152 100

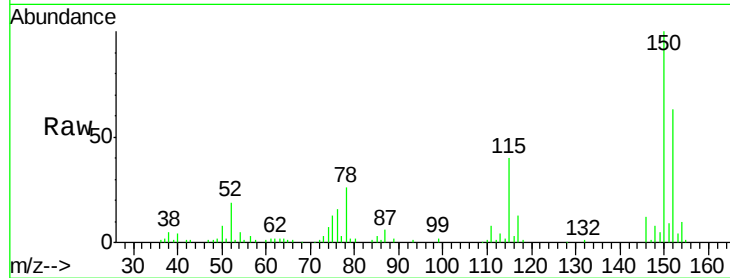
150 159.5 129.5 194.3

115 64.0 51.4 77.2

Manual Integrations

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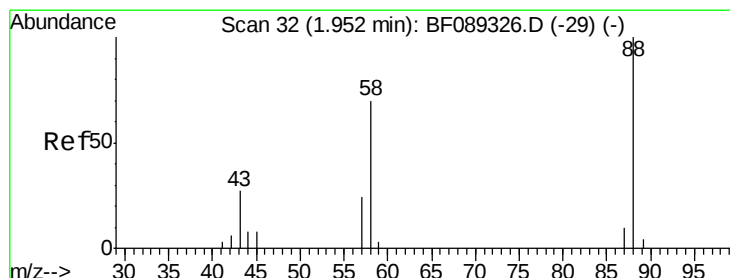
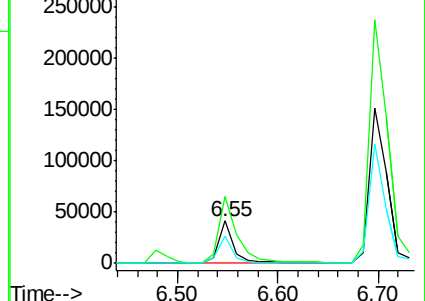
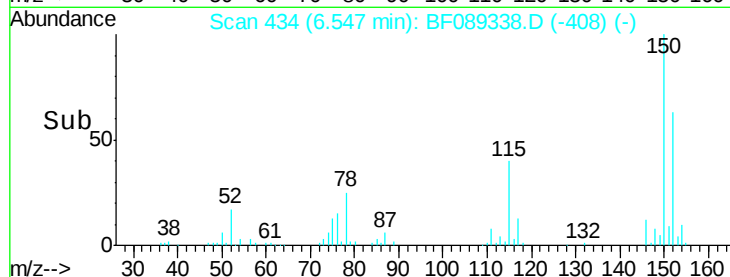
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.70 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.08 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

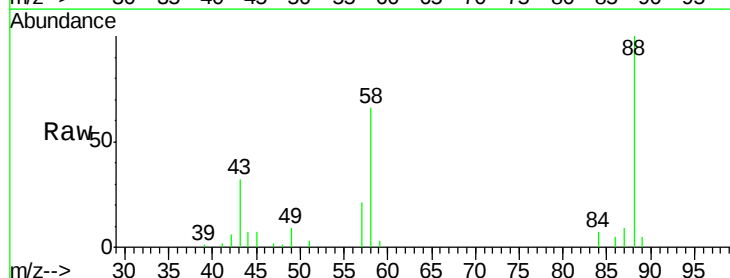
Tgt Ion: 88 Resp: 49698

Ion Ratio Lower Upper

88 100

58 69.4 53.2 79.8

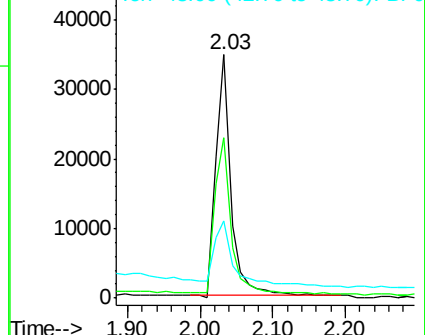
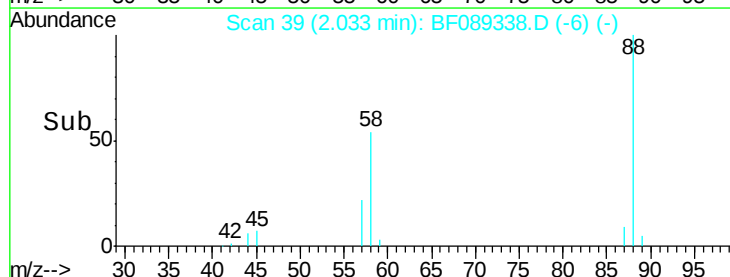
43 38.2 20.6 31.0#

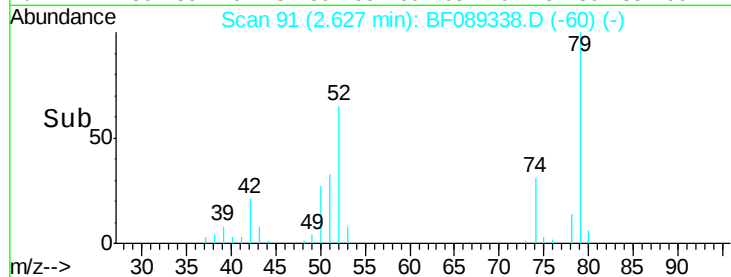
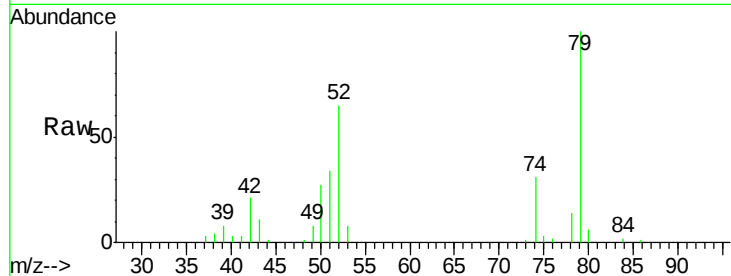
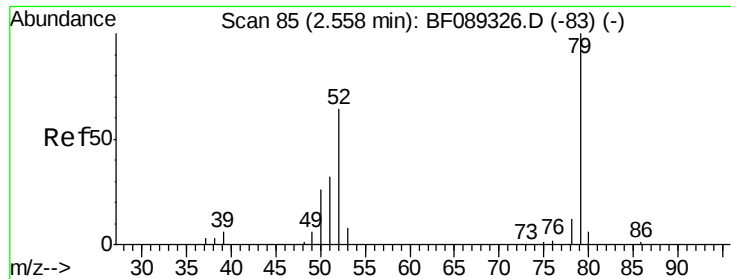


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.22 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tot Ion:	79	Resp:	130265
Ion	Ratio	Lower	Upper
79	100		
52	64.6	51.9	77.9
51	34.1	28.2	42.4

Instrument :

BNA_F

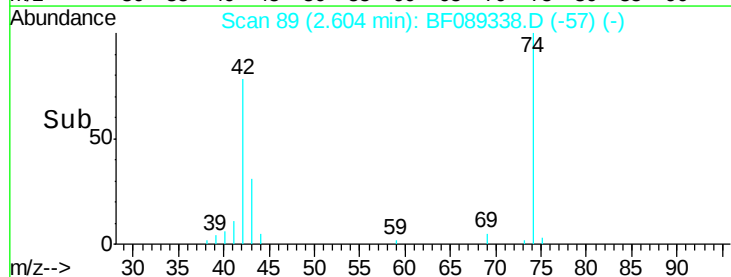
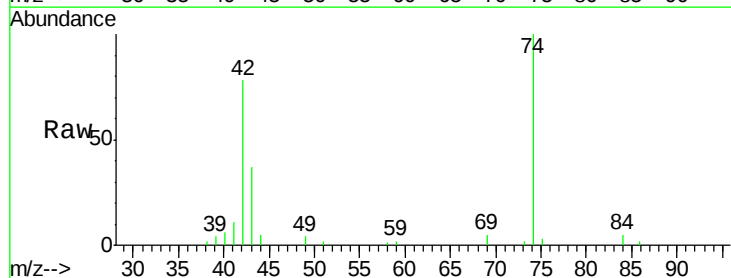
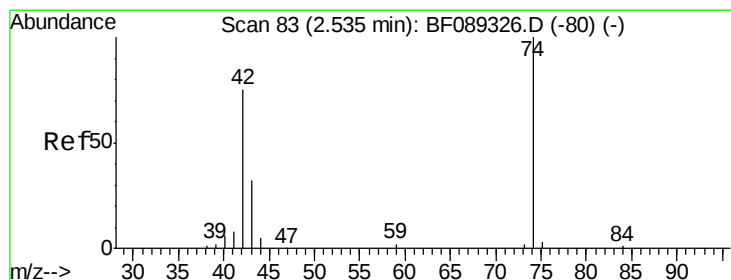
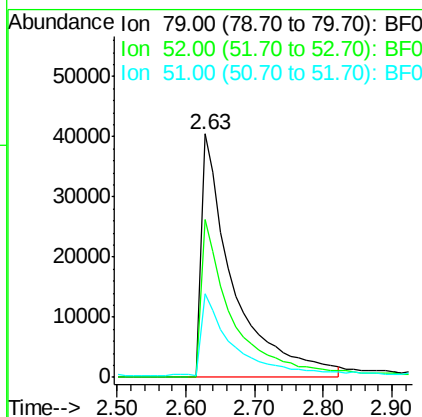
ClientSampleId :

SB-34-6.5-7.5MS

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.00 ng

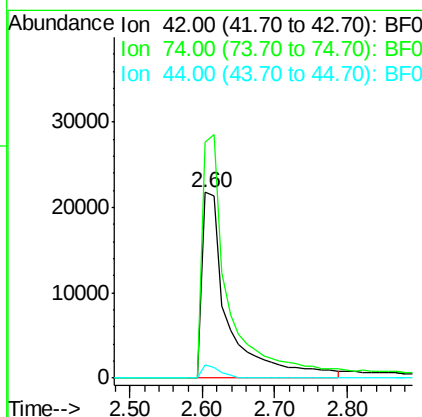
RT: 2.60 min Scan# 89

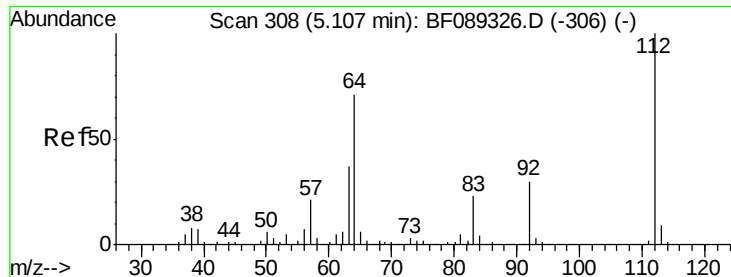
Delta R.T. 0.07 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:	42	Resp:	54720
Ion	Ratio	Lower	Upper
42	100		
74	127.6	110.8	166.2
44	6.8	5.2	7.8





#5

2-Fluorophenol

Concen: 156.25 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089338.D

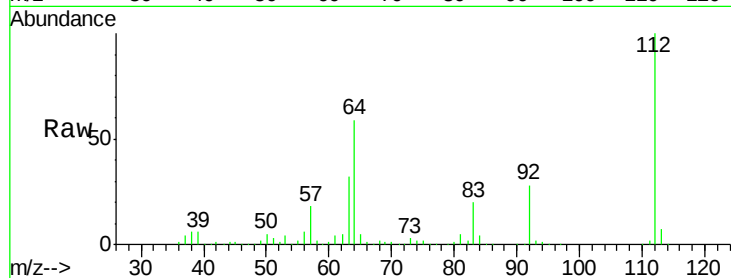
Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

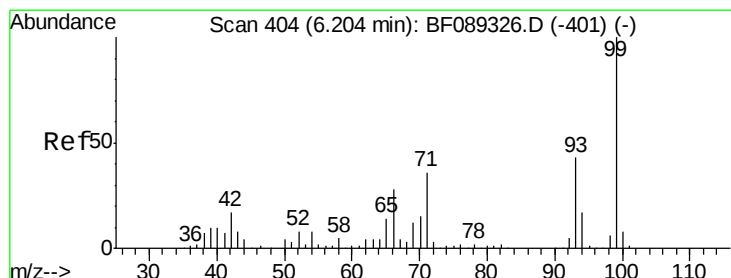
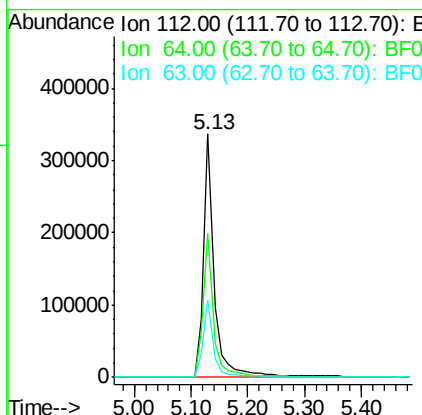
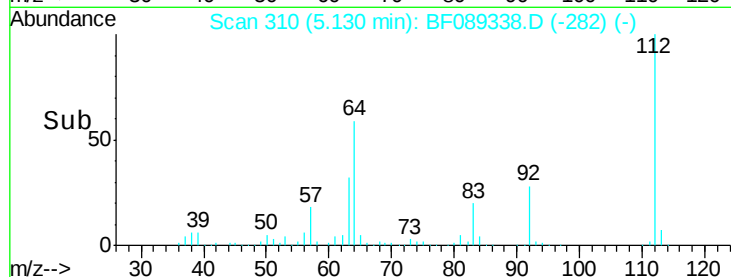


Tot Ion:	112	Resp:	431439
Ion Ratio	Lower	Upper	
112	100		
64	59.0	55.0	82.6
63	31.6	29.4	44.2

Manual Integrations

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#6

Aniline

Concen: 27.47 ng

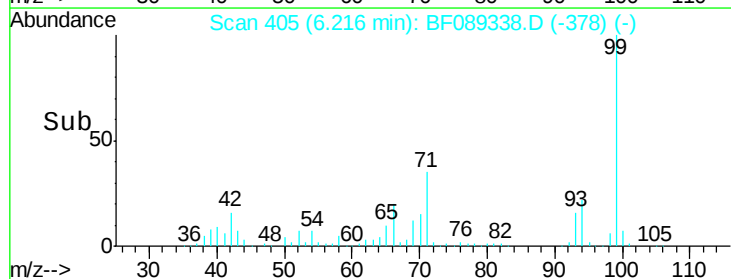
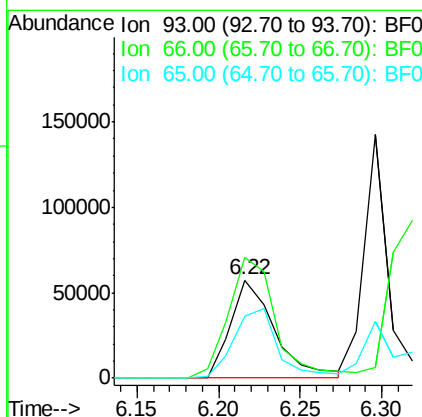
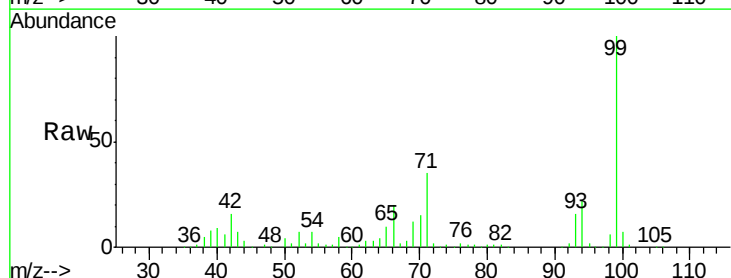
RT: 6.22 min Scan# 405

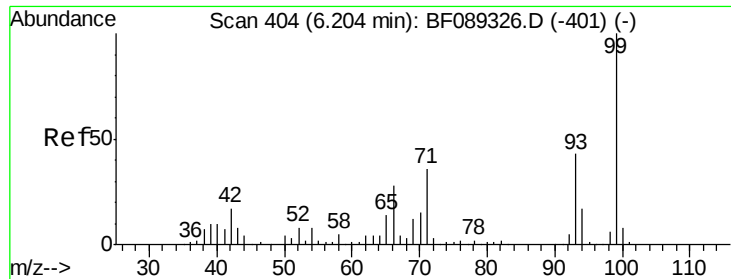
Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:	93	Resp:	108244
Ion Ratio	Lower	Upper	
93	100		
66	123.3	51.6	77.4#
65	63.6	24.7	37.1#





#7

Phenol-d6

Concen: 159.73 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion: 99 Resp: 582851

Ion Ratio Lower Upper

99 100

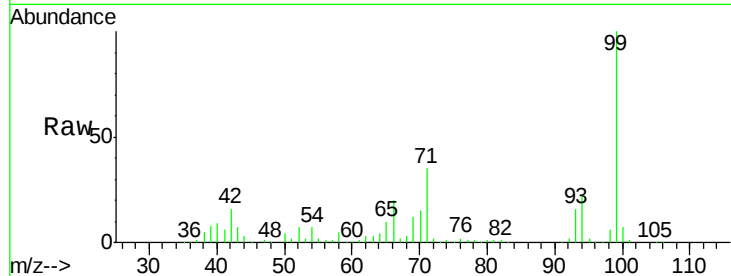
42 15.8 13.6 20.4

71 35.1 29.4 44.2

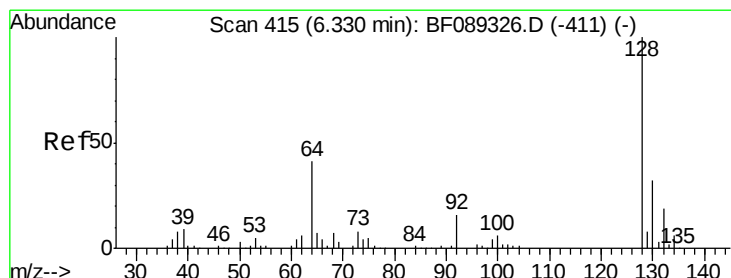
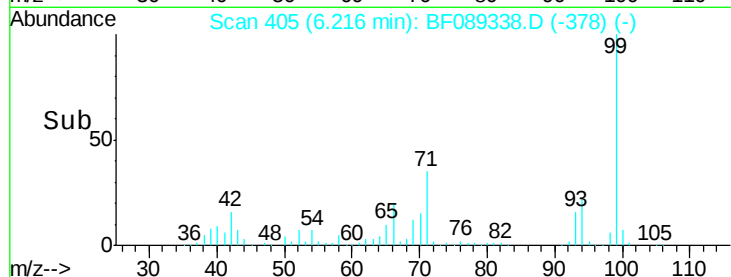
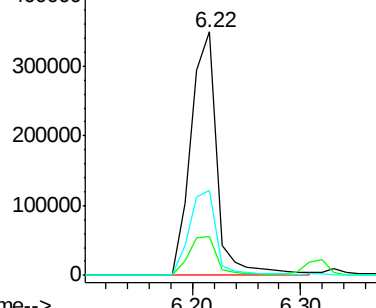
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.46 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

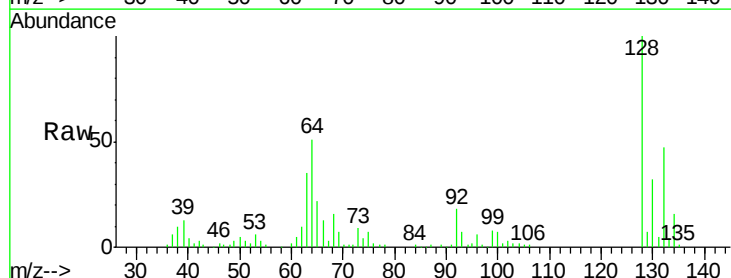
Tgt Ion: 128 Resp: 163860

Ion Ratio Lower Upper

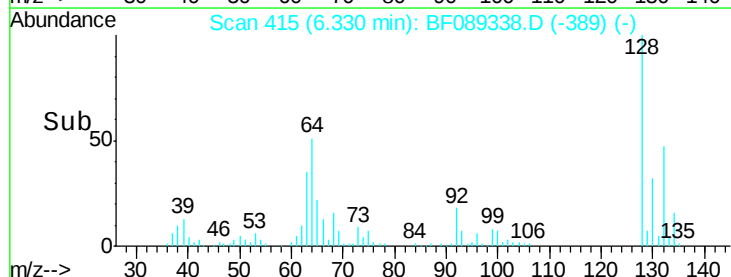
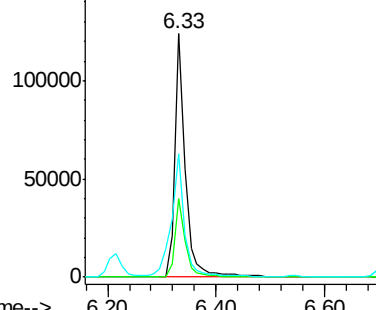
128 100

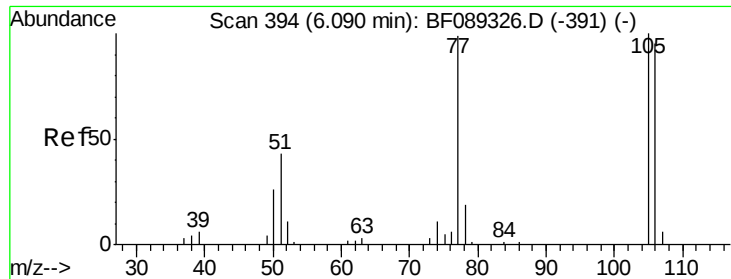
130 32.2 12.6 52.6

64 50.7 22.1 62.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.33 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion: 77 Resp: 21971

Ion Ratio Lower Upper

77 100

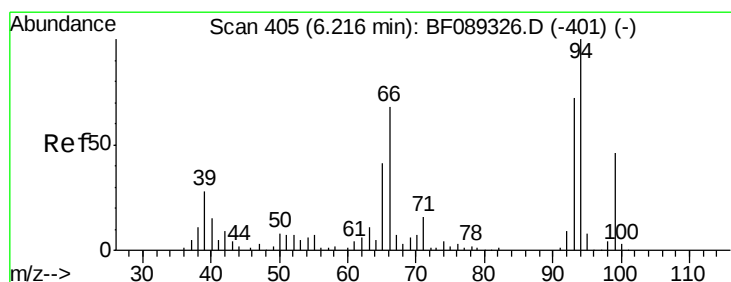
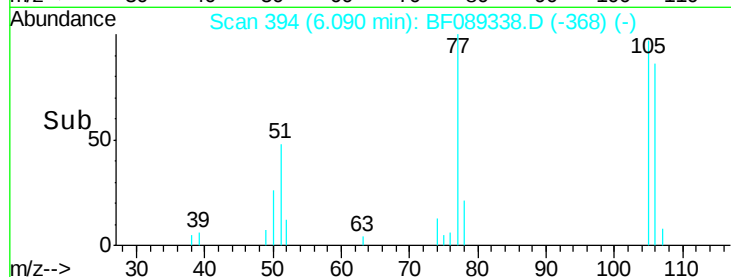
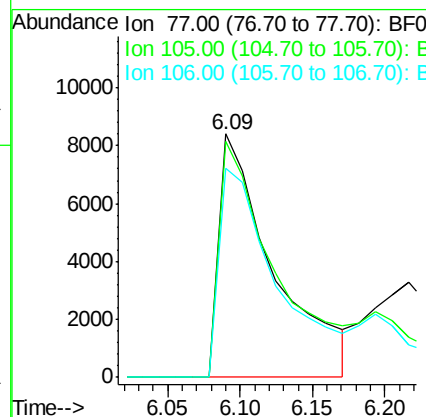
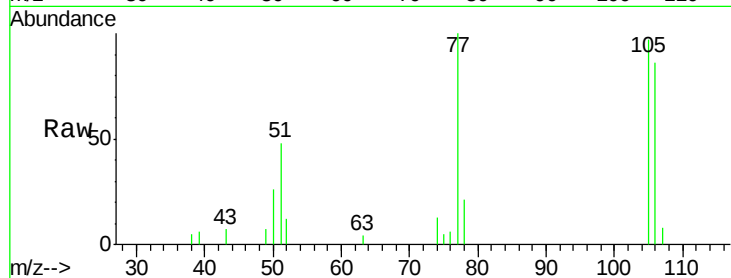
105 96.9 82.9 122.9

106 85.8 75.9 115.9

Manual Integrations

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#10

Phenol

Concen: 52.20 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

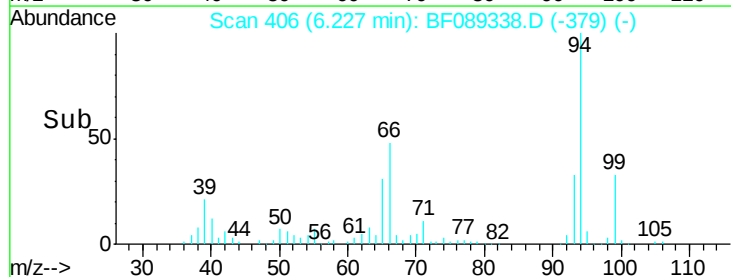
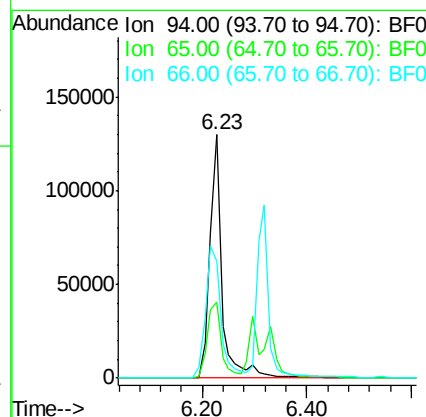
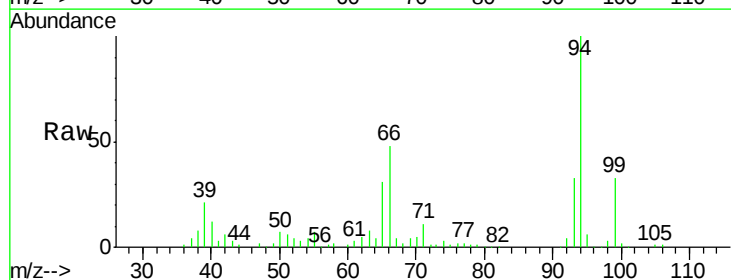
Tgt Ion: 94 Resp: 210197

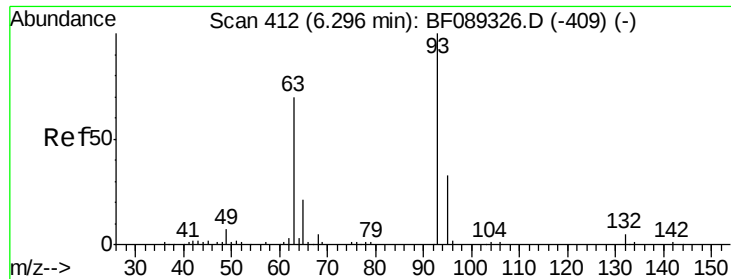
Ion Ratio Lower Upper

94 100

65 31.1 19.1 59.1

66 48.2 44.4 84.4





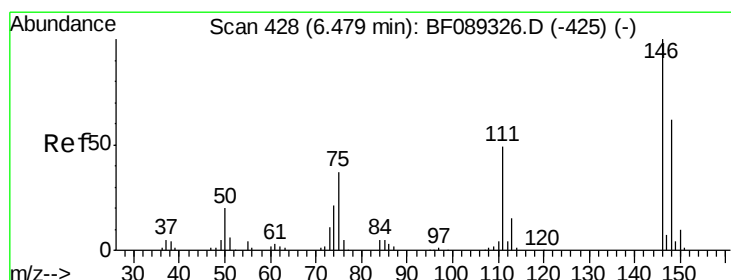
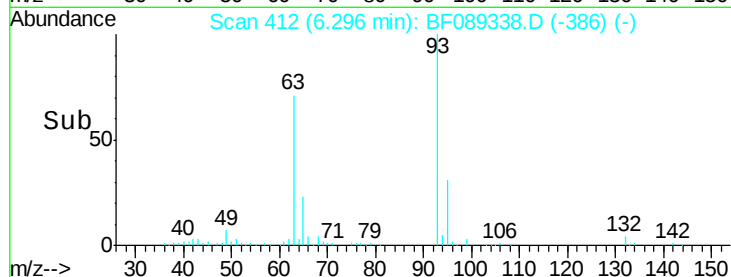
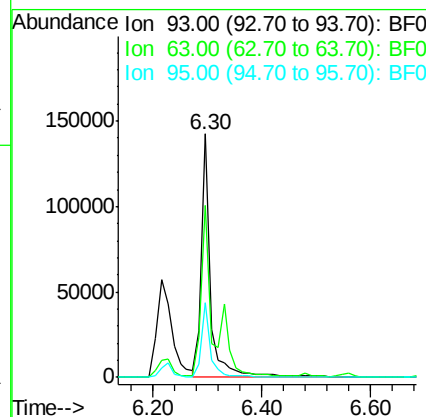
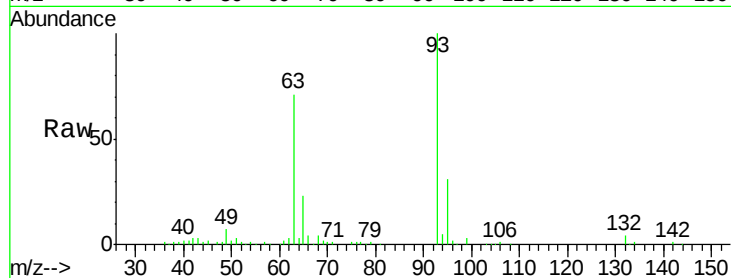
#11
bis(2-Chloroethyl)ether
Concen: 47.77 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion:	93	Resp:	163429
Ion	Ratio	Lower	Upper
93	100		
63	70.6	45.6	85.6
95	30.9	11.1	51.1

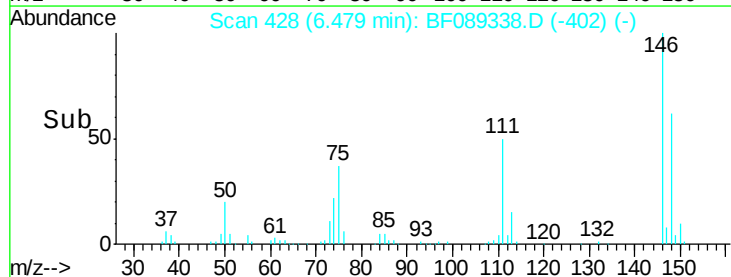
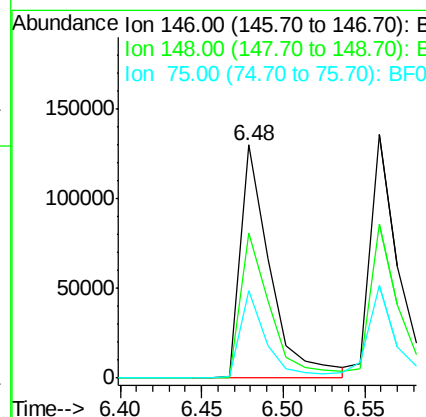
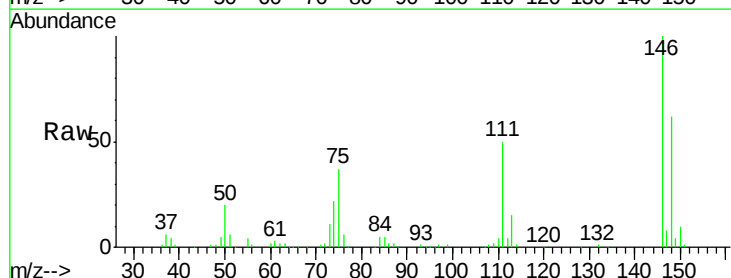
Manual Integrations

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#12
1,3-Dichlorobenzene
Concen: 49.84 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion:	146	Resp:	162832
Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.5	75.7
75	37.5	30.0	45.0





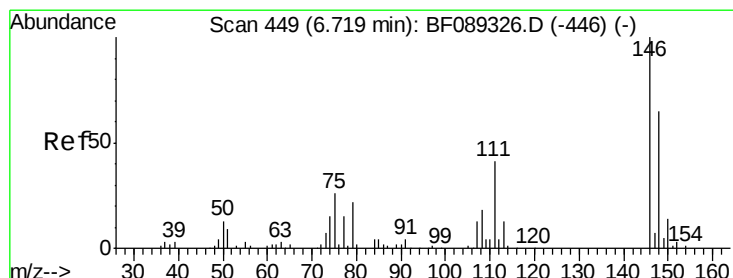
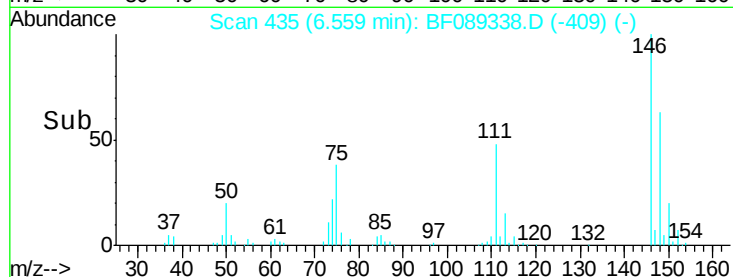
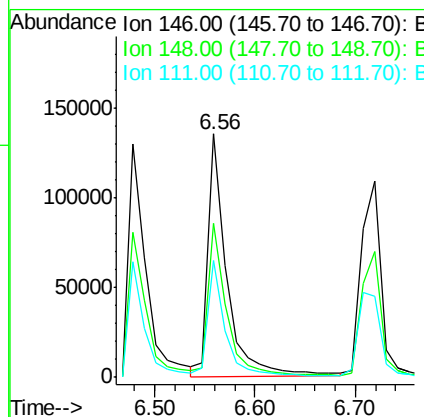
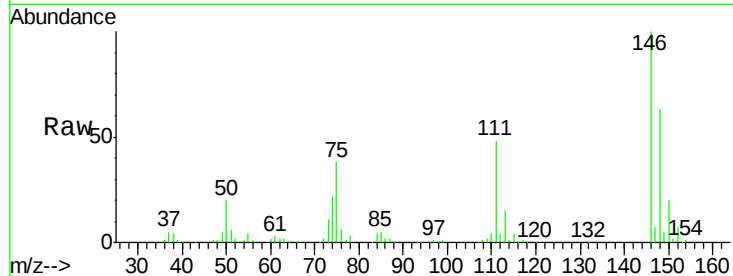
#13
 1,4-Dichlorobenzene
 Concen: 49.40 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	47.8	38.6	57.8

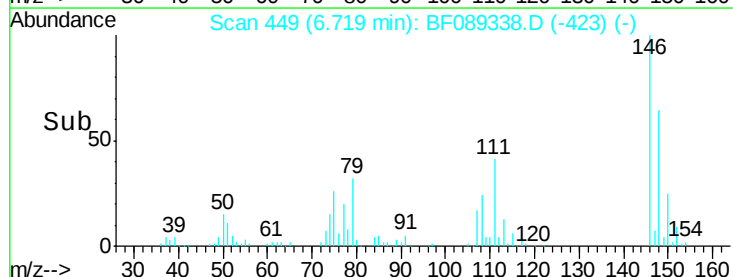
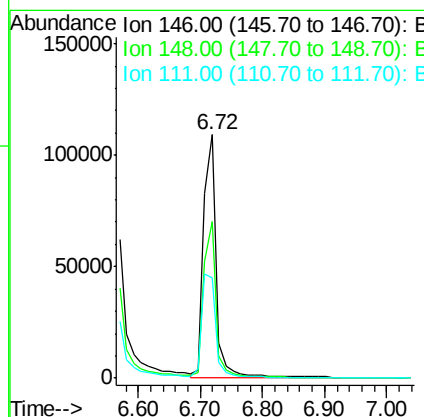
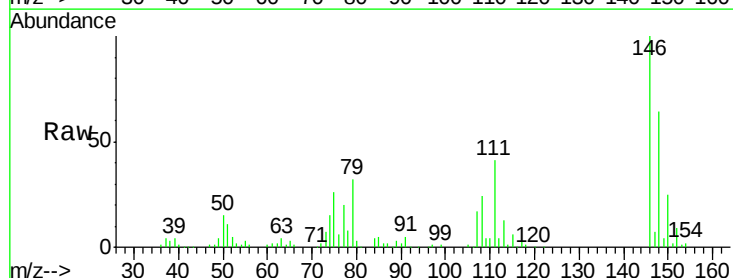
Manual Integrations

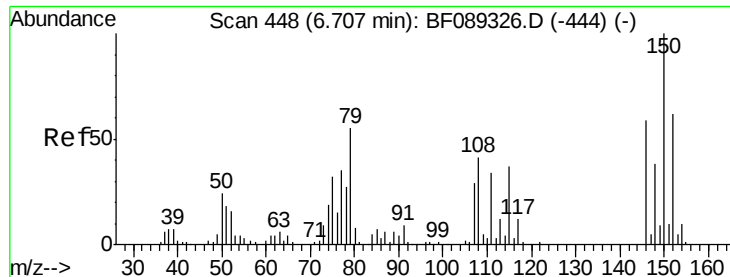
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#14
 1,2-Dichlorobenzene
 Concen: 46.02 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	41.2	33.0	49.4





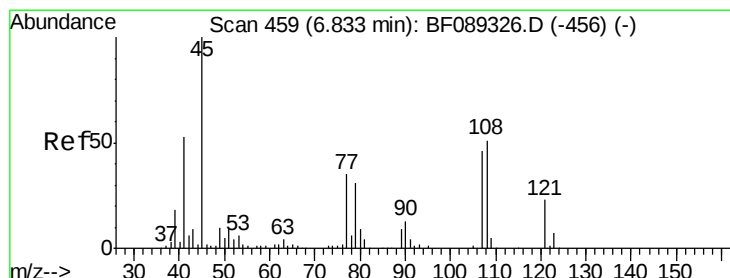
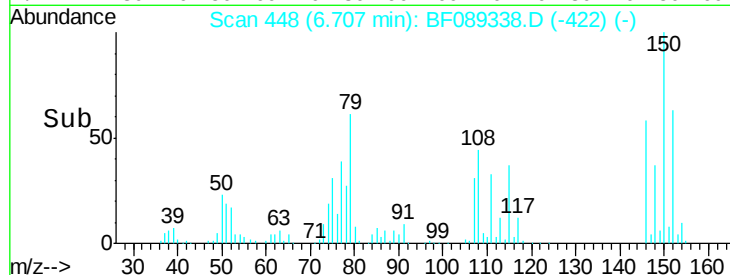
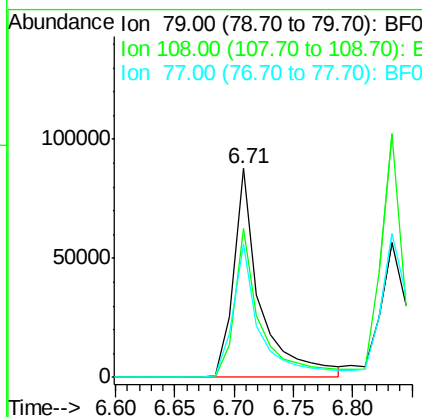
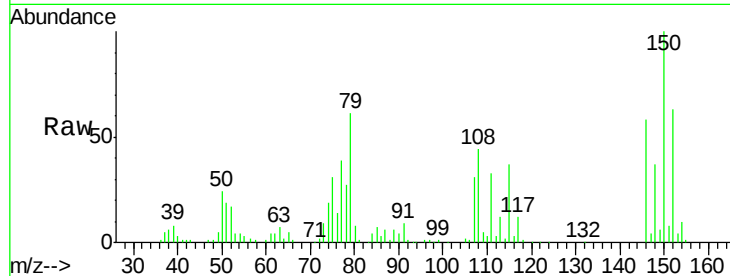
#15
Benzyl Alcohol
Concen: 60.87 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampled :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.4	59.8	89.6
77	63.8	51.7	77.5

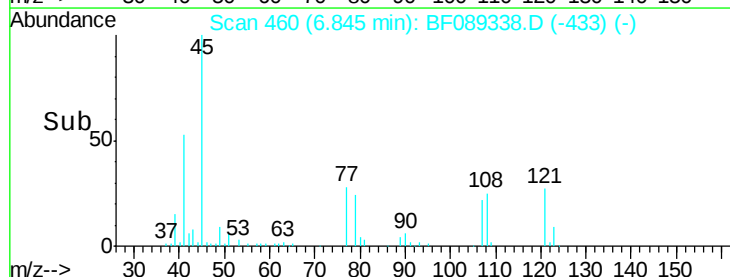
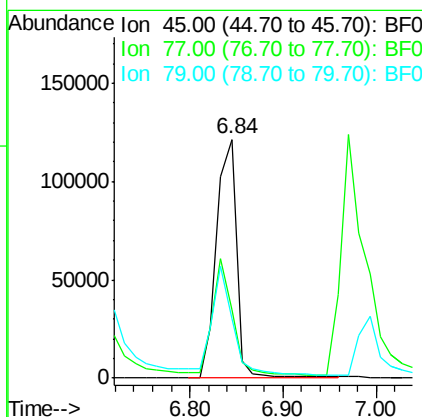
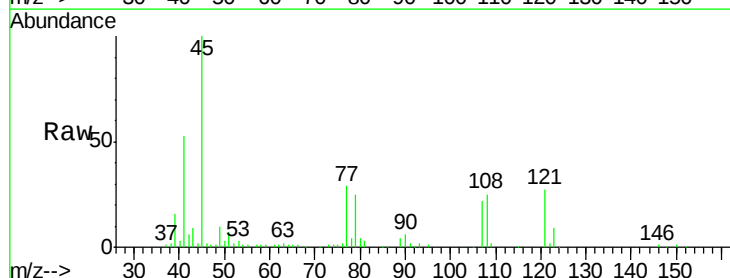
Manual Integrations

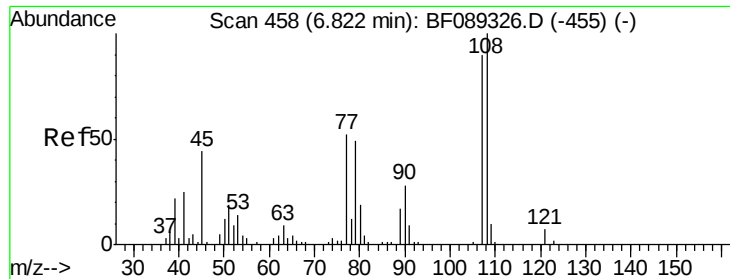
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.99 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.7	17.3	57.3
79	24.8	13.9	53.9





#17

2-Methylphenol

Concen: 52.95 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

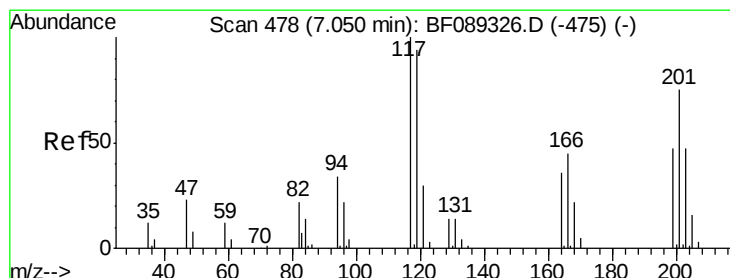
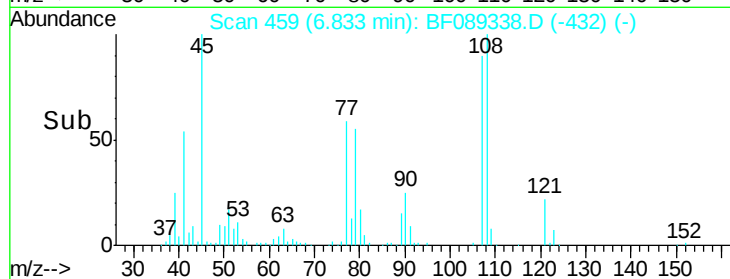
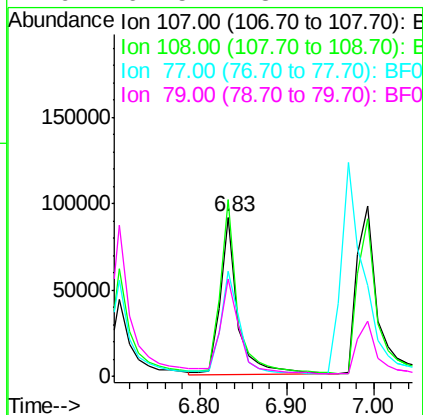
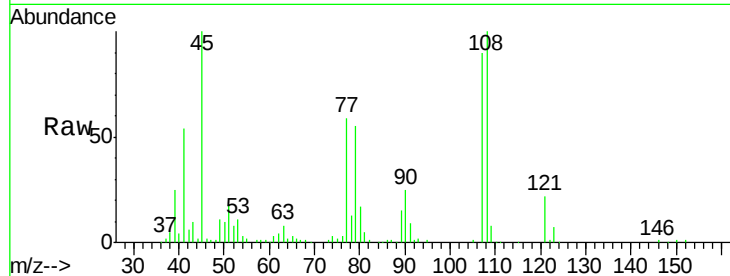
SB-34-6.5-7.5MS

Tot Ion:	107	Resp:	127824
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.4	137.0
77	65.9	48.6	73.0
79	61.5	48.2	72.4

Manual Integrations

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#18

Hexachloroethane

Concen: 48.21 ng

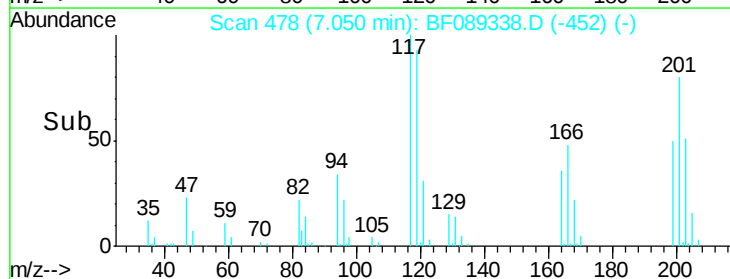
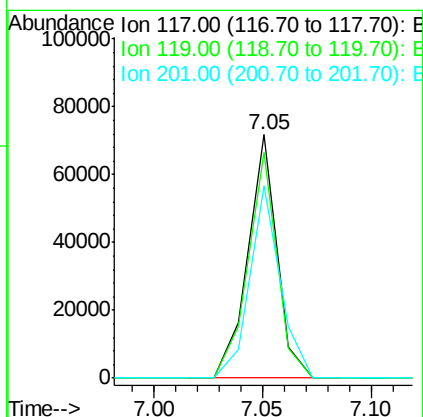
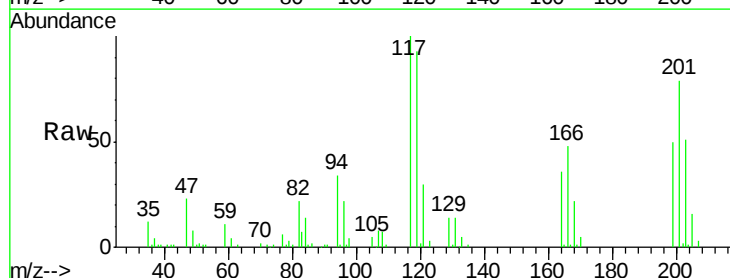
RT: 7.05 min Scan# 478

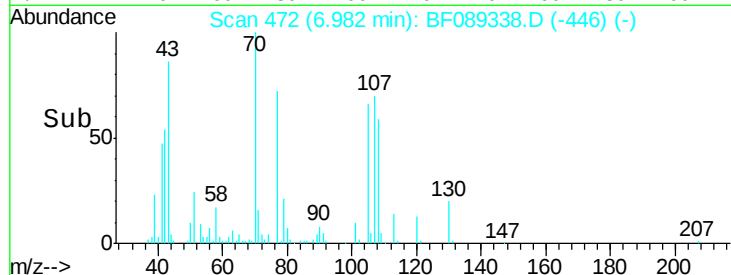
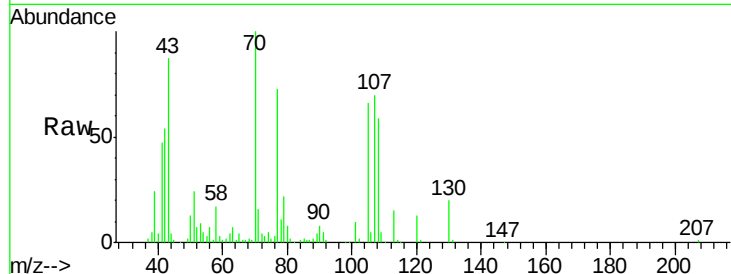
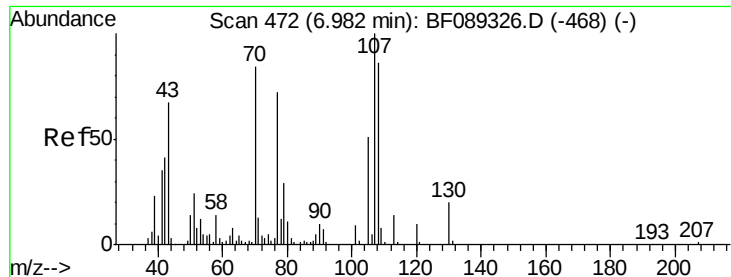
Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:	117	Resp:	66647
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.0	114.0
201	79.2	60.0	90.0





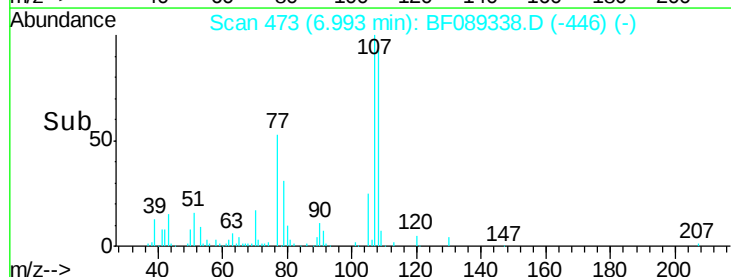
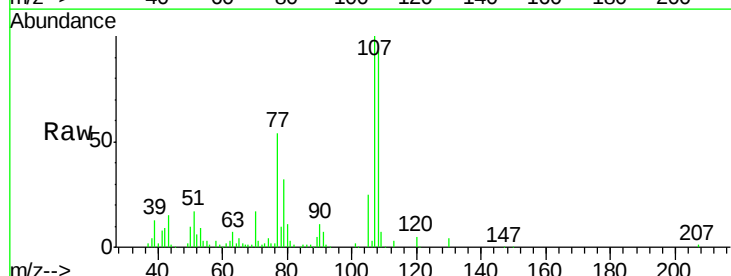
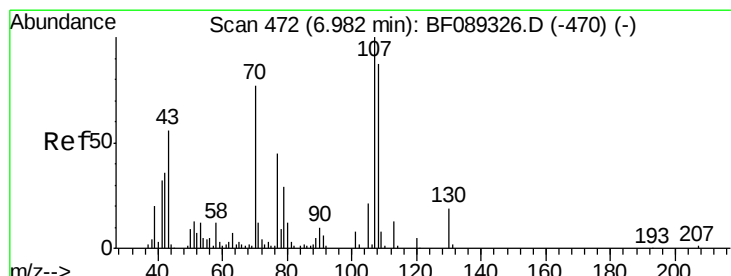
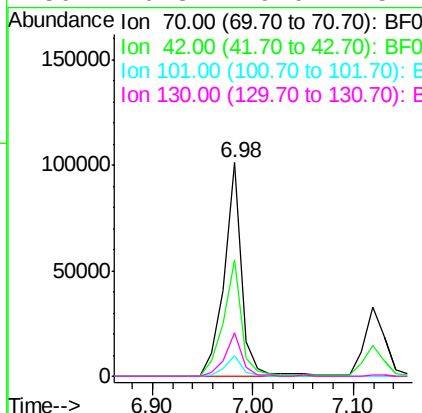
#19
n-Nitroso-di-n-propylamine
Concen: 55.99 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.5	38.6	57.8	
101	9.6	8.3	12.5	
130	20.3	19.0	28.4	

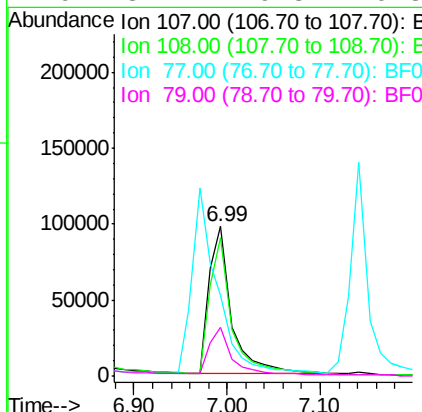
Manual Integrations

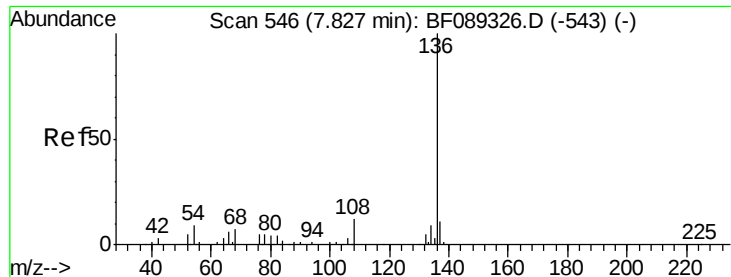
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#20
3+4-Methylphenols
Concen: 53.03 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	63.3	103.3	
77	53.9	51.1	91.1	
79	32.2	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: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

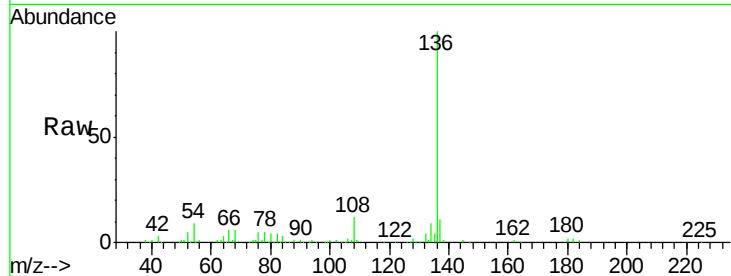
SB-34-6.5-7.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		188917		
137	11.2		8.6	13.0	
54	8.9		7.0	10.4	
68	6.5		4.9	7.3	

Manual Integrations

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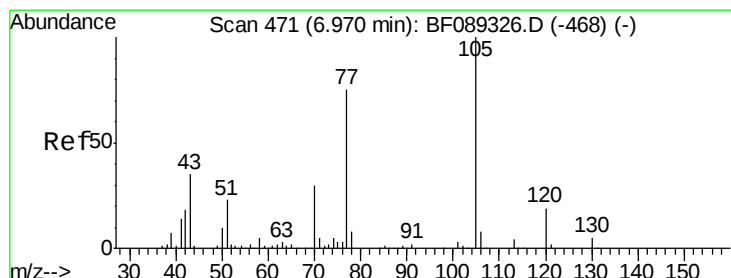
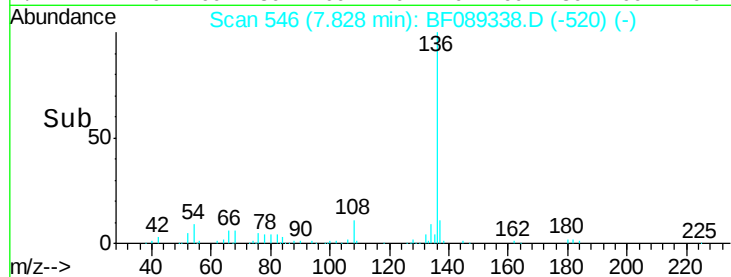
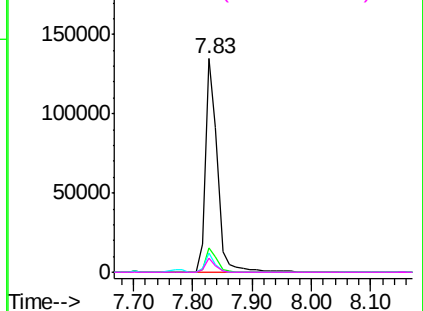
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.70 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		241531		
71	4.2		4.2	6.2	
51	24.7		18.7	28.1	
120	19.3		15.8	23.6	

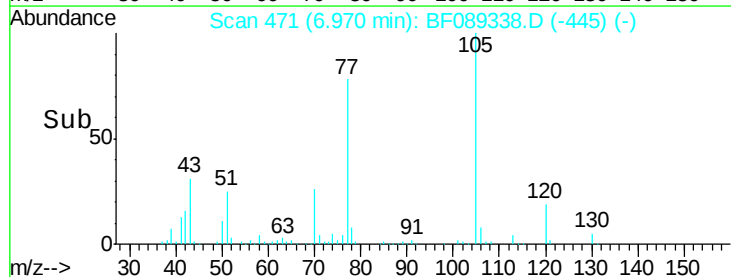
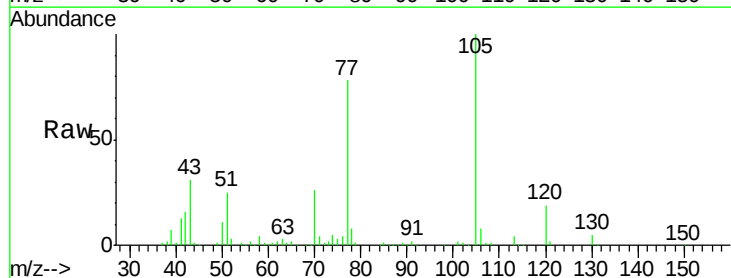
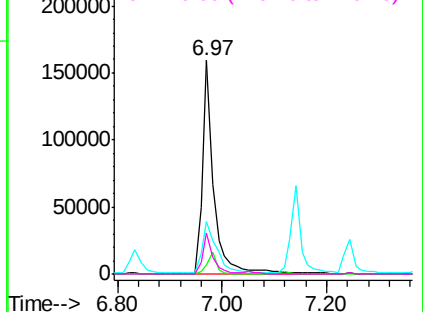
Abundance

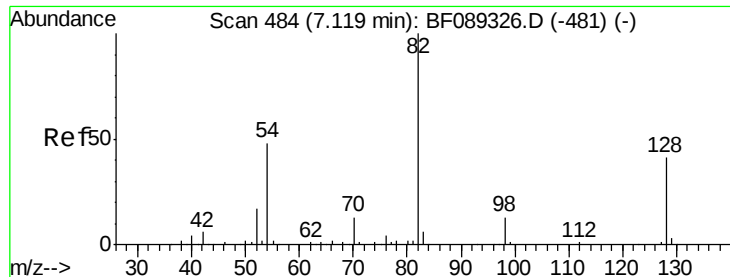
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





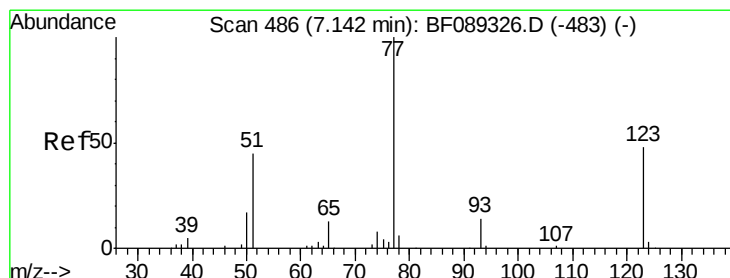
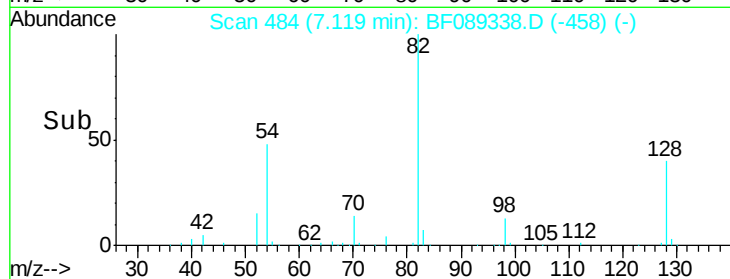
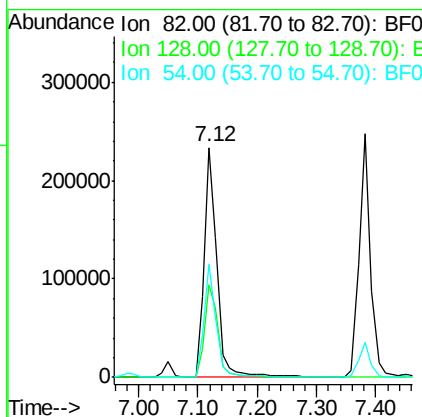
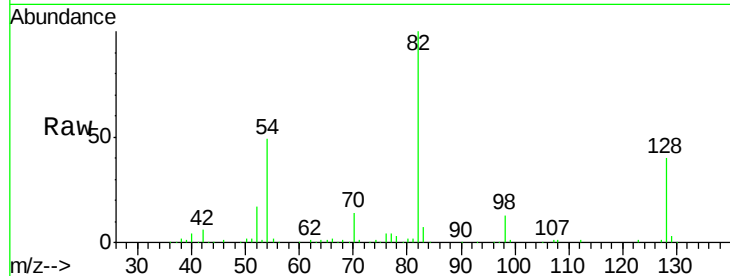
#23
Nitrobenzene-d5
Concen: 112.20 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.5	48.7
54	49.2	38.8	58.2

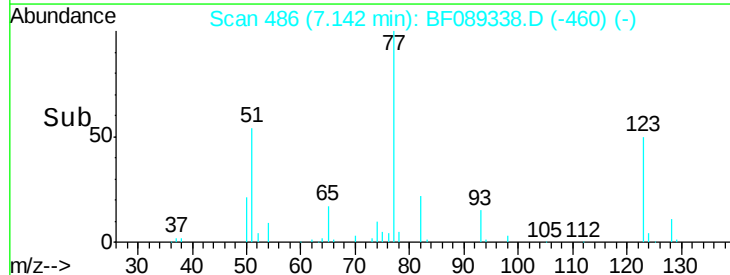
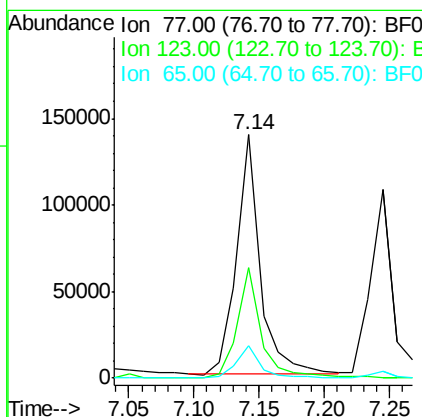
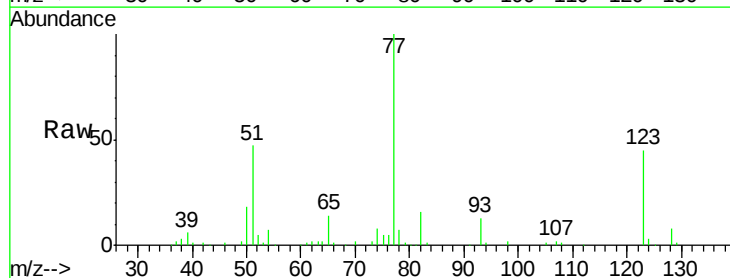
Manual Integrations

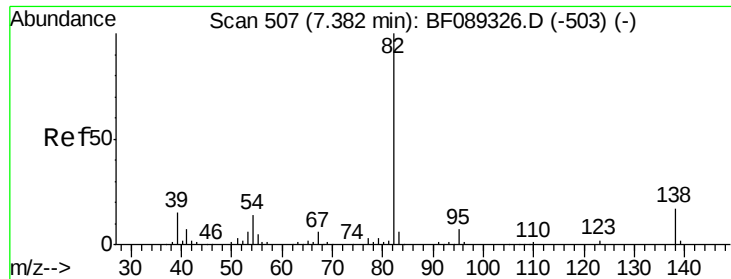
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#24
Nitrobenzene
Concen: 47.51 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.2	55.8
65	13.6	10.2	15.4





#25

Isophorone

Concen: 51.75 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion: 82 Resp: 333666

Ion Ratio Lower Upper

82 100

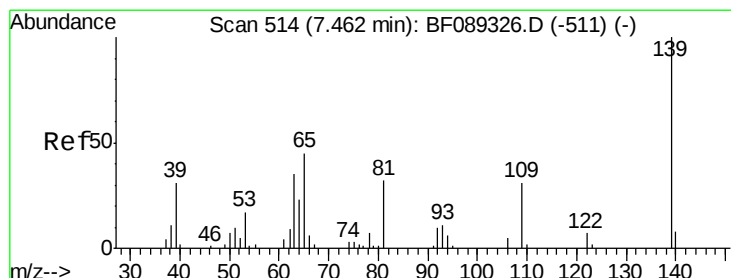
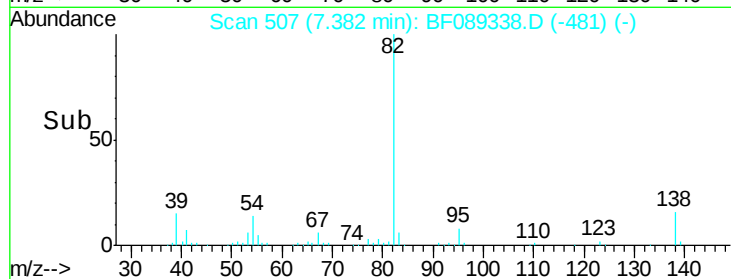
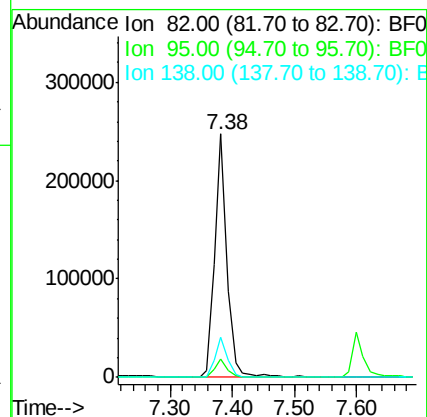
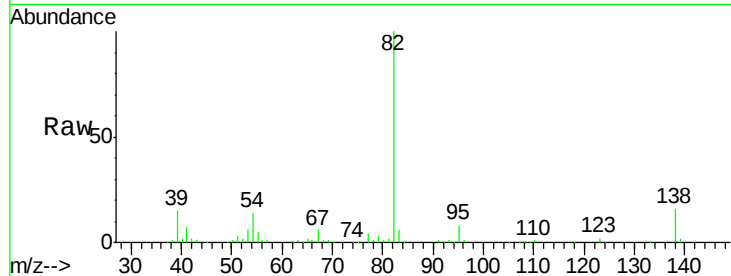
95 7.6 6.0 9.0

138 16.4 13.3 19.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.62 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

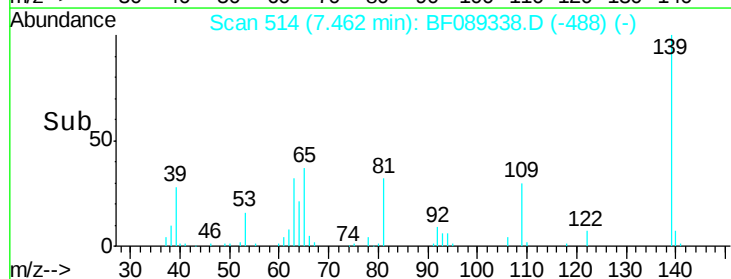
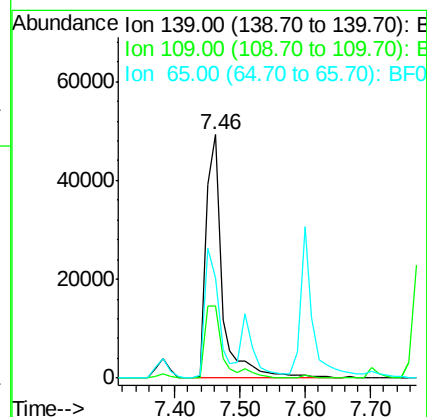
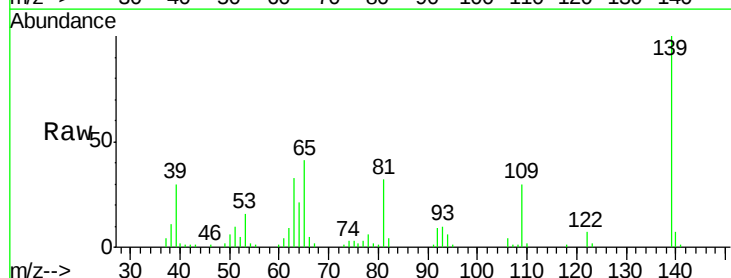
Tgt Ion: 139 Resp: 84076

Ion Ratio Lower Upper

139 100

109 29.8 25.8 38.8

65 41.2 35.2 52.8





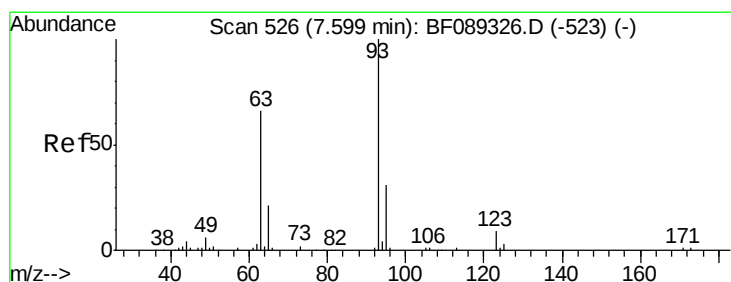
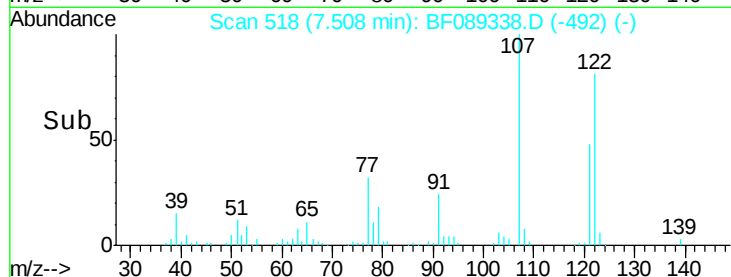
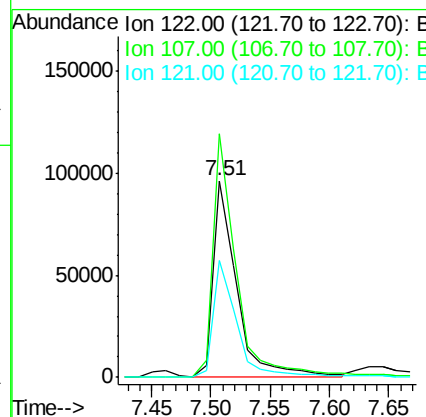
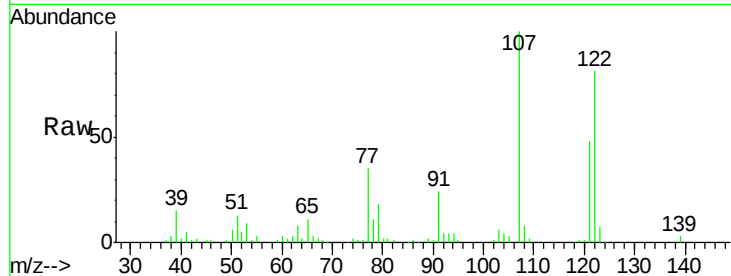
#27
 2,4-Dimethylphenol
 Concen: 50.81 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		131821		
107	124.0	97.2	145.8		
121	59.5	48.8	73.2		

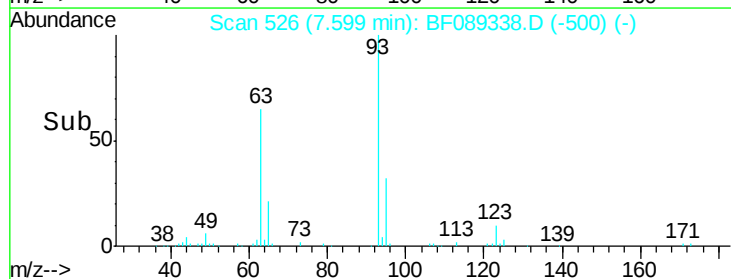
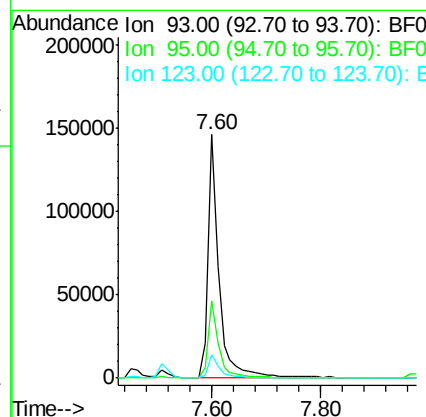
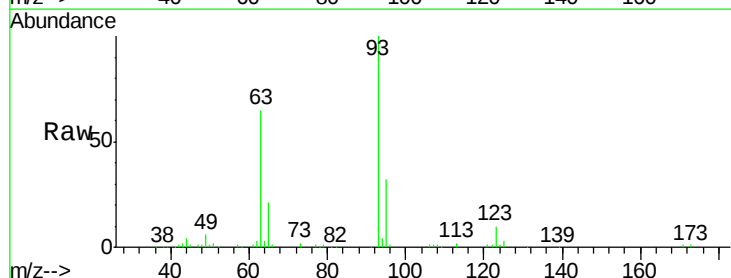
Manual Integrations

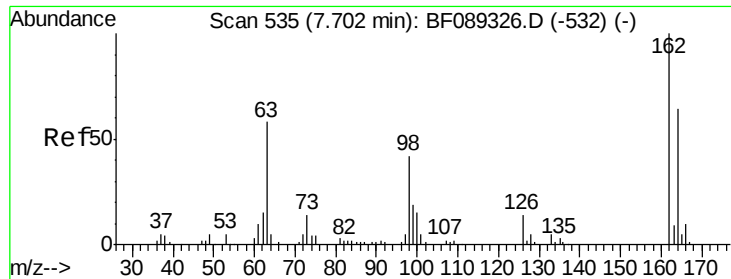
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 56.24 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		200705		
95	31.6	24.7	37.1		
123	9.7	7.5	11.3		





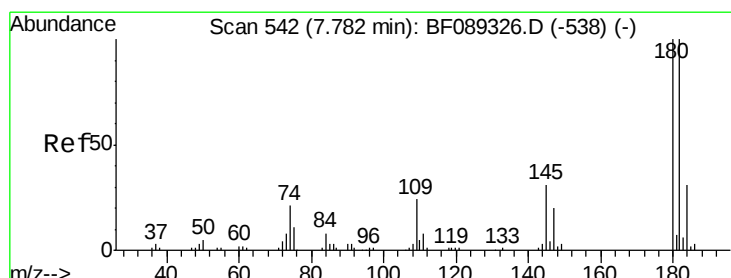
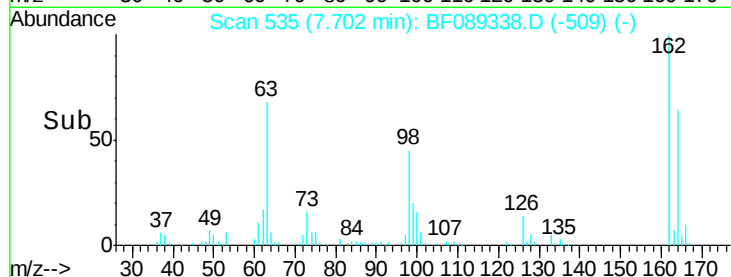
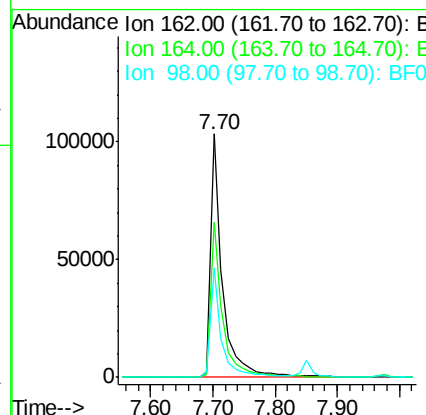
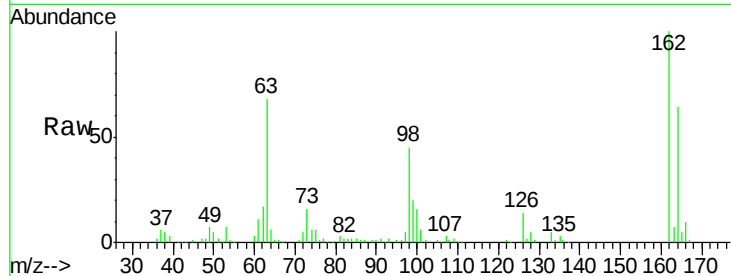
#29
 2,4-Dichlorophenol
 Concen: 58.13 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		137421		
164	63.9	44.0		84.0	
98	44.8	21.8		61.8	

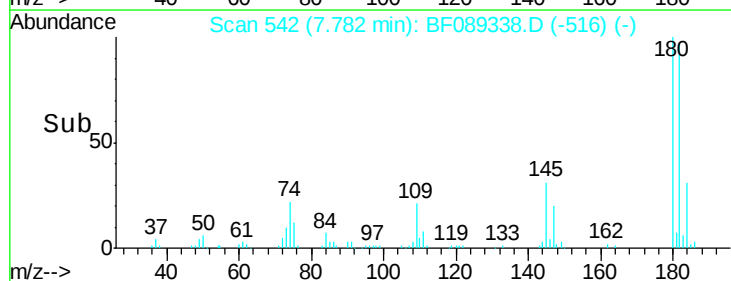
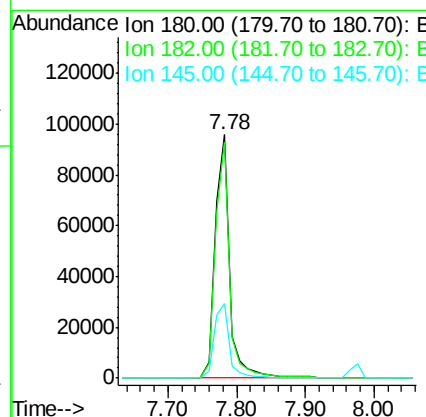
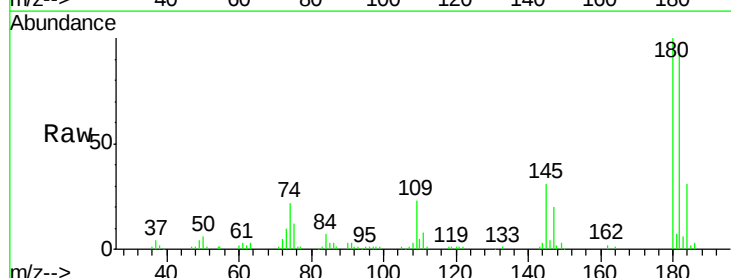
Manual Integrations

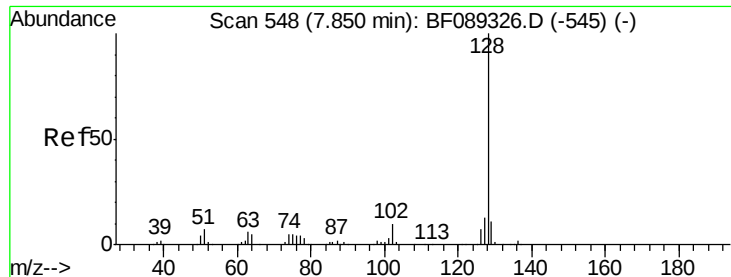
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.49 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		141574		
182	96.9	78.2		117.2	
145	30.9	24.6		36.8	





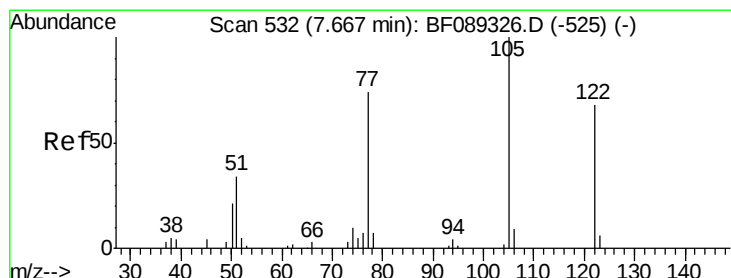
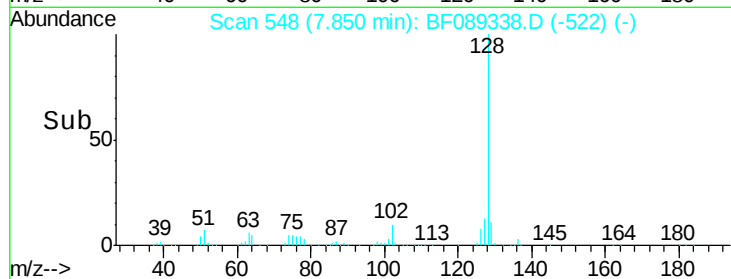
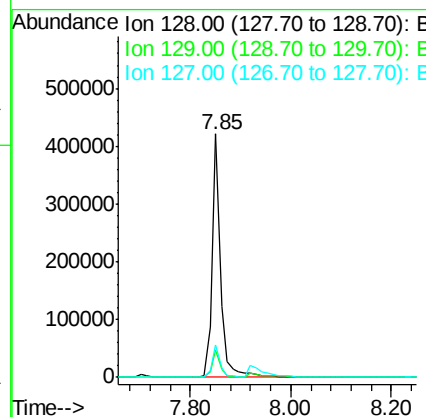
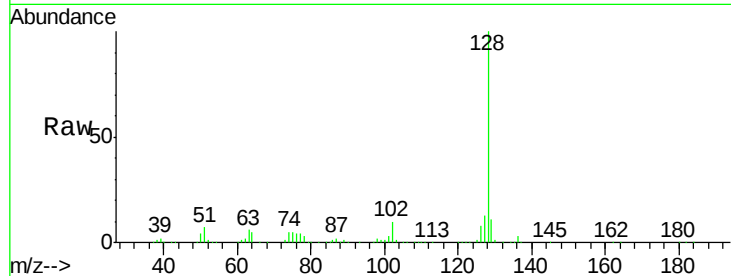
#31
Naphthalene
Concen: 52.68 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.8	16.2

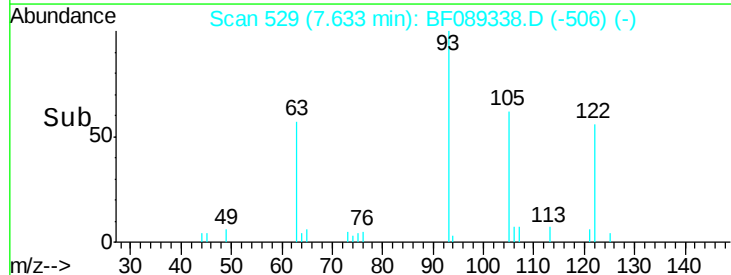
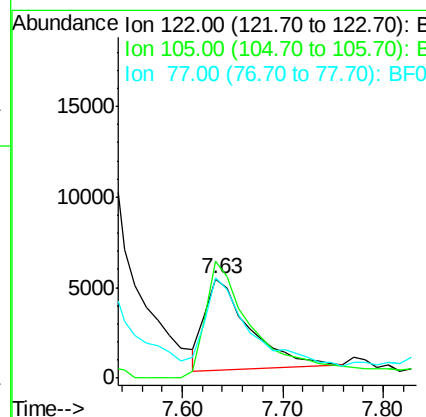
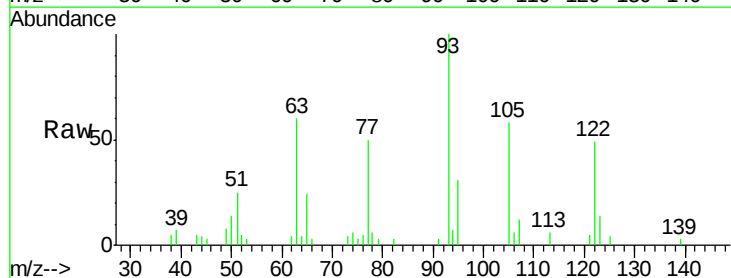
Manual Integrations

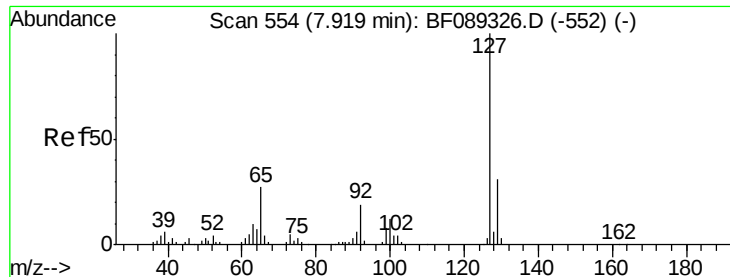
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#32
Benzoic acid
Concen: 8.42 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	106.4	146.4
77	101.6	76.4	116.4





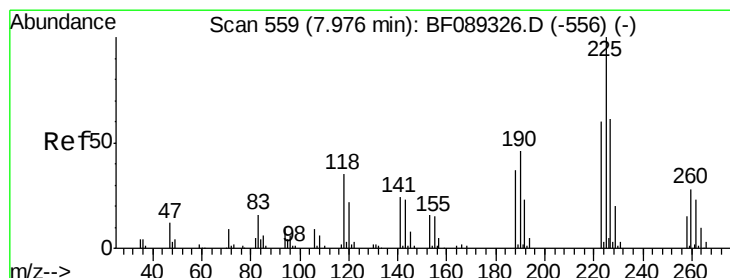
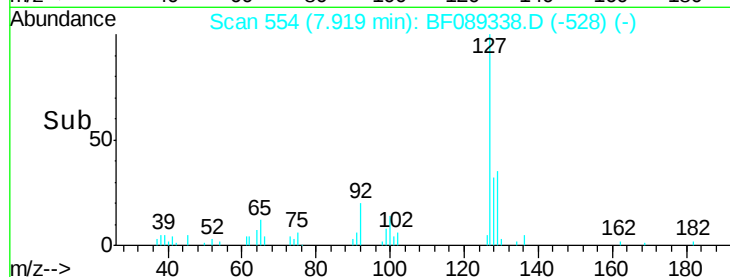
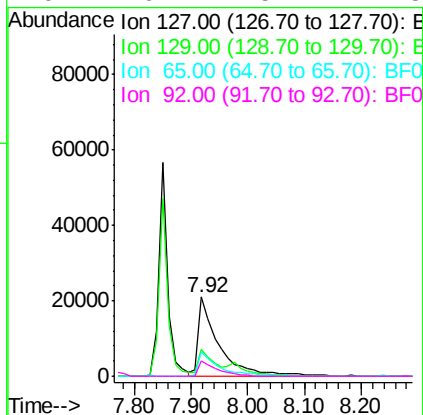
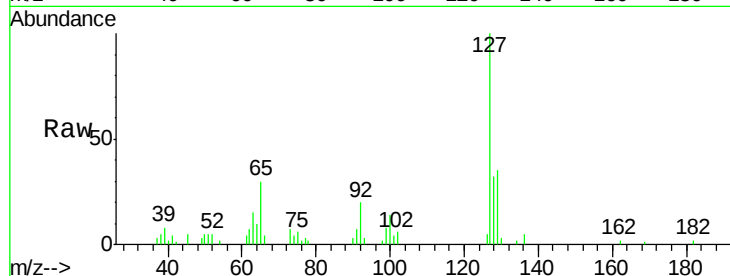
#33
4-Chloroaniline
Concen: 14.78 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion:	127	Resp:	52652
Ion Ratio	Lower	Upper	
127	100		
129	34.7	26.1	39.1
65	30.1	22.0	33.0
92	20.2	15.2	22.8

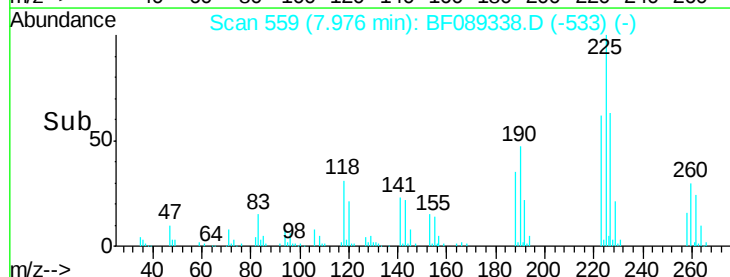
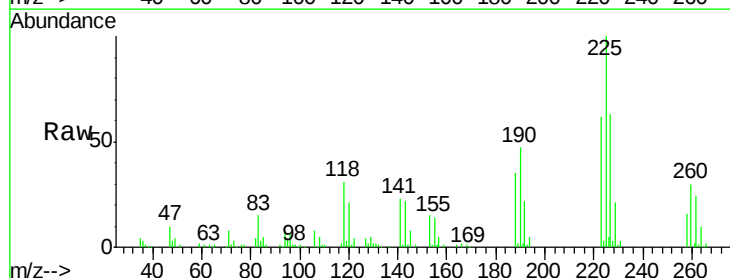
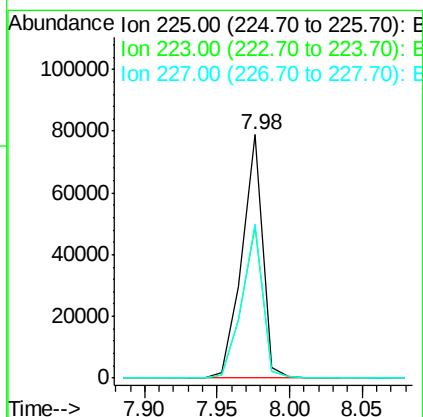
Manual Integrations

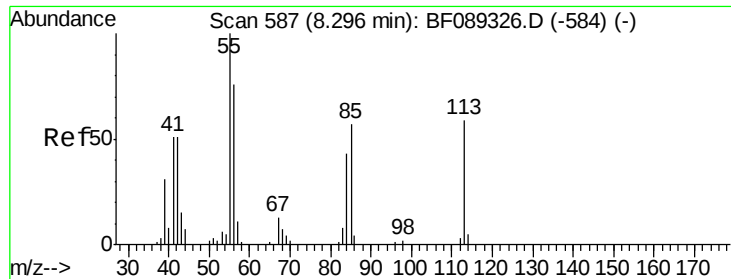
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#34
Hexachlorobutadiene
Concen: 50.76 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion:	225	Resp:	78413
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.8	74.8
227	63.5	49.4	74.2





#35

Caprolactam

Concen: 53.96 ng/ml

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

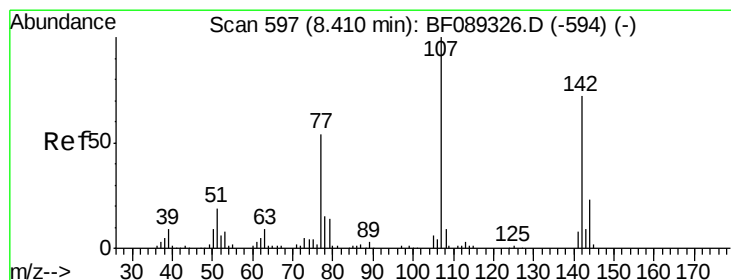
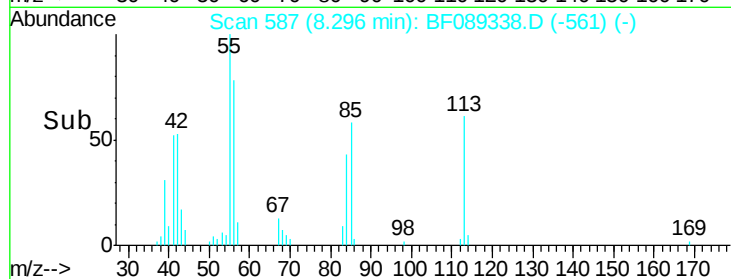
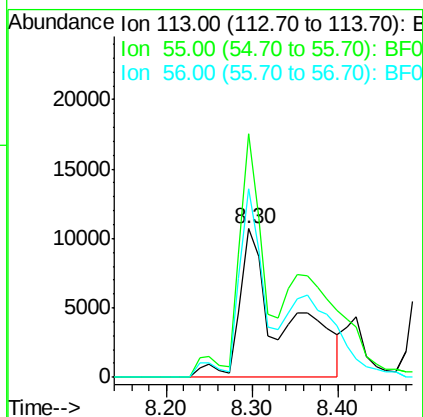
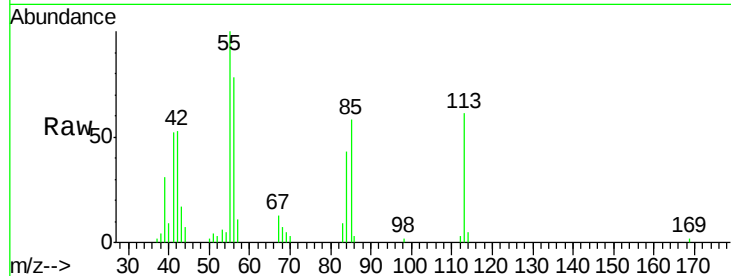
SB-34-6.5-7.5MS

Tot Ion:	113	Resp:	38501
Ion Ratio	Lower	Upper	
113	100		
55	164.1	142.3	182.3
56	127.3	105.8	145.8

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 57.30 ng/ml

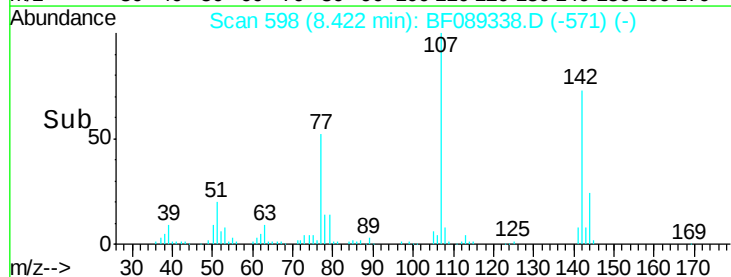
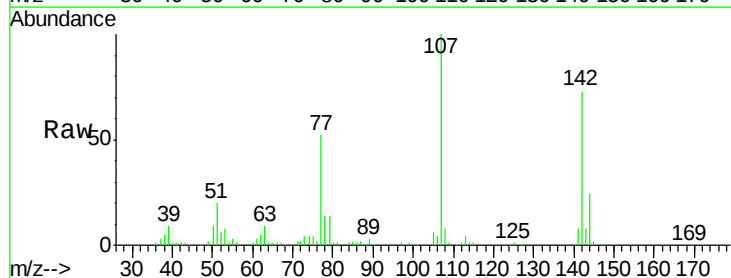
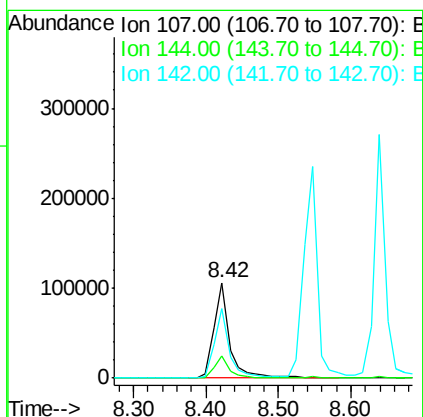
RT: 8.42 min Scan# 598

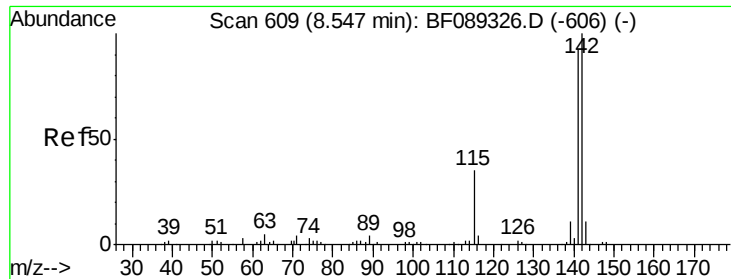
Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:	107	Resp:	160987
Ion Ratio	Lower	Upper	
107	100		
144	23.7	18.4	27.6
142	73.5	58.6	87.8





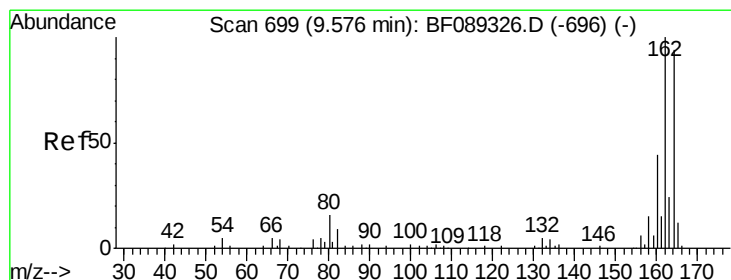
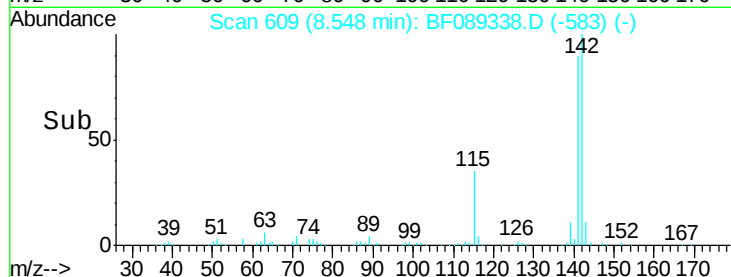
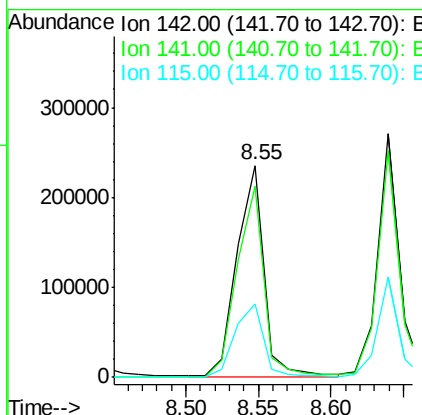
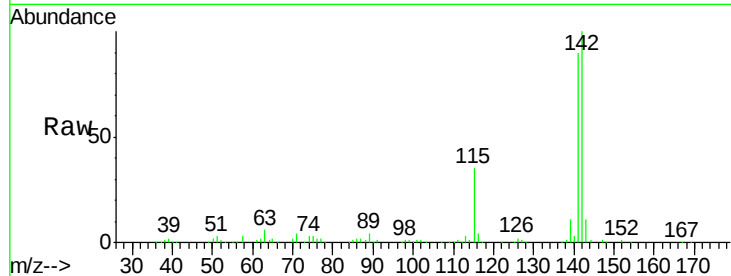
#37
2-Methylnaphthalene
Concen: 54.68 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	34.7	27.6	41.4

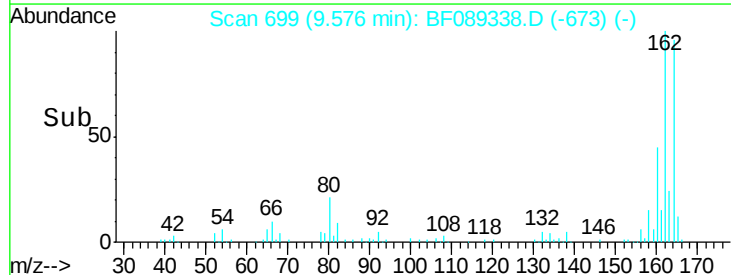
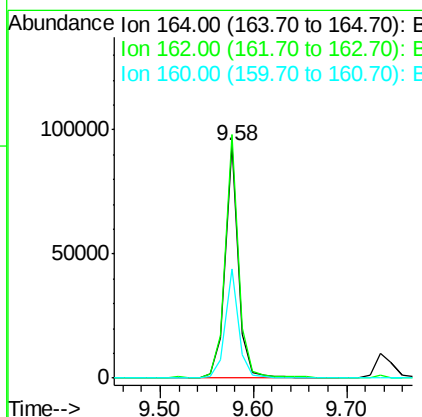
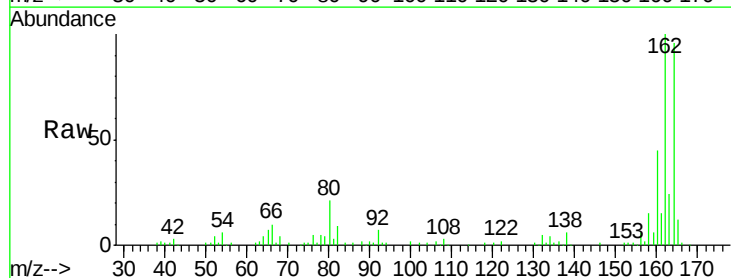
Manual Integrations

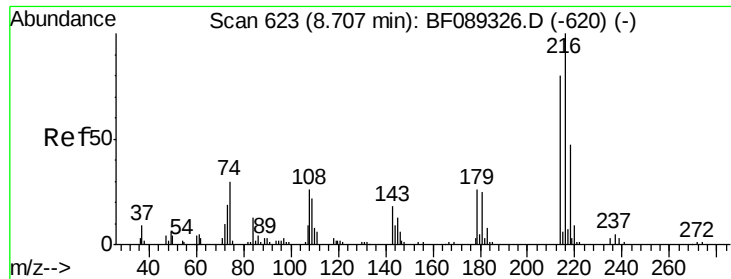
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.7	125.5
160	46.6	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.57 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089338.D

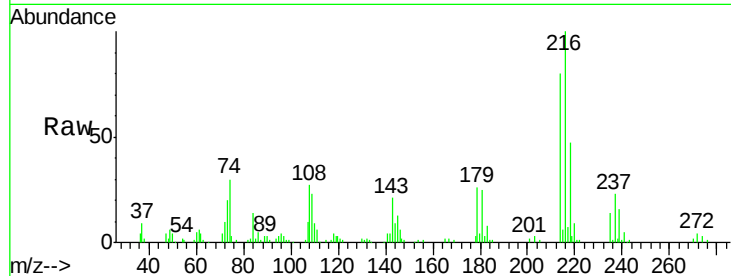
Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

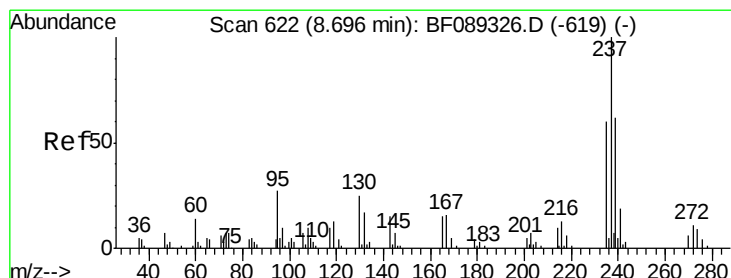
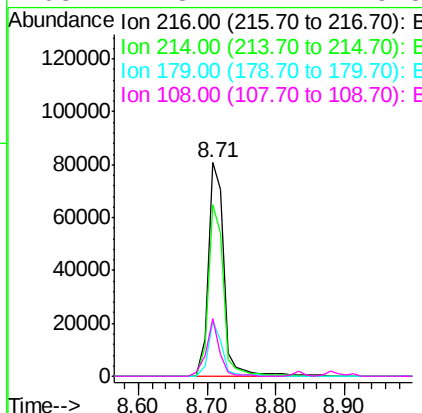
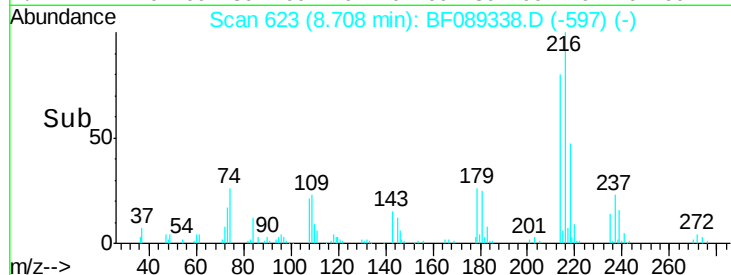


Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		128240		
214	77.8	63.3	94.9		
179	22.5	18.1	27.1		
108	22.8	17.2	25.8		

Manual Integrations

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#40

Hexachlorocyclopentadiene

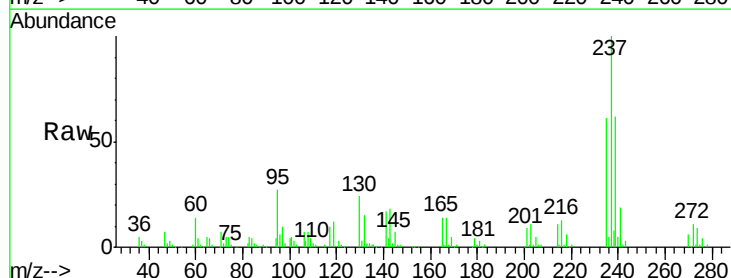
Concen: 104.05 ng

RT: 8.70 min Scan# 622

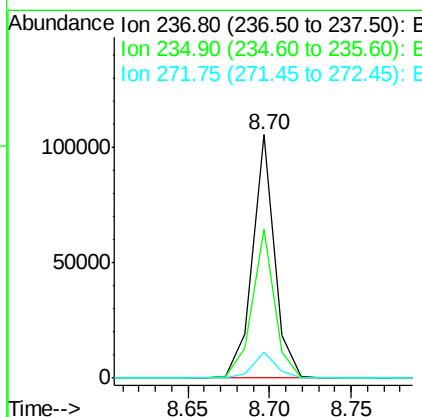
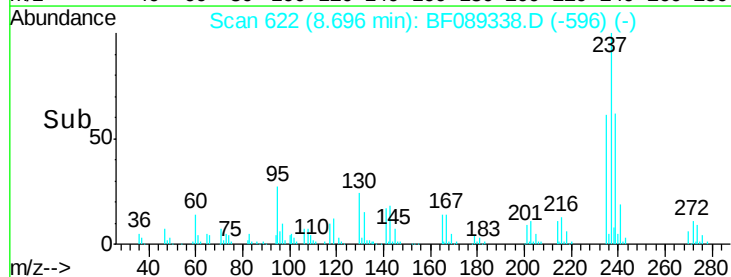
Delta R.T. 0.00 min

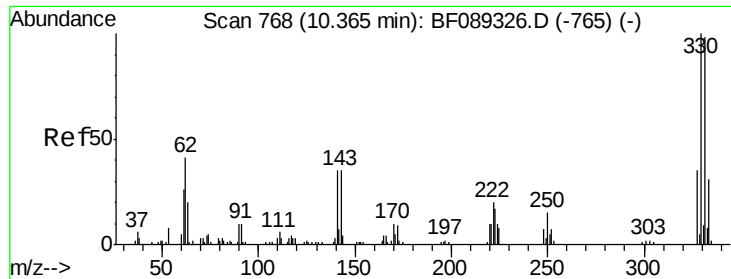
Lab File: BF089338.D

Acq: 27 Jul 2016 19:48



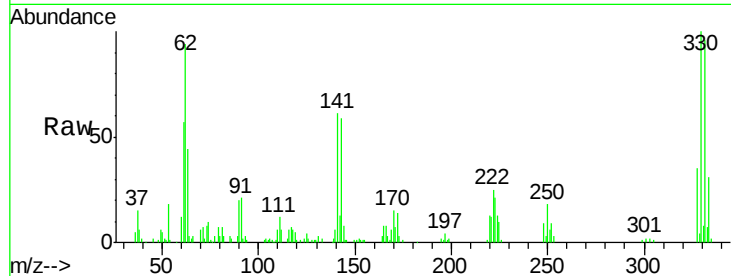
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		98916		
235	61.2	41.6	81.6		
272	10.9	0.0	30.8		





#41
 2,4,6-Tribromophenol
 Concen: 149.16 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

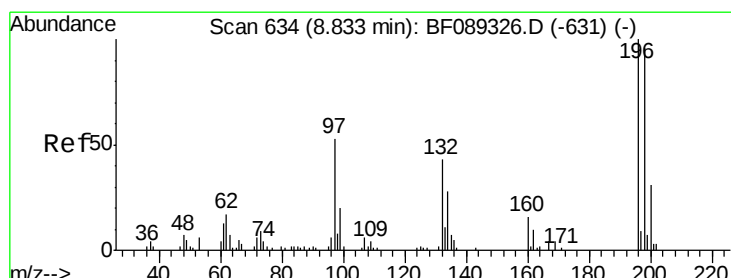
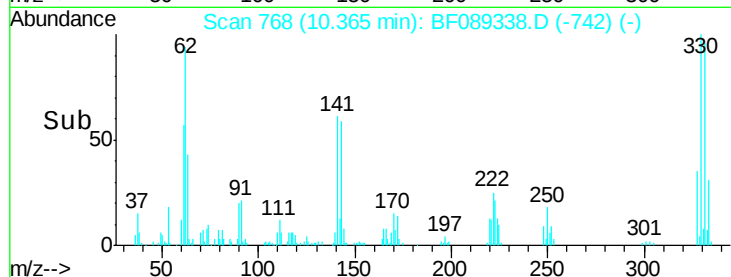
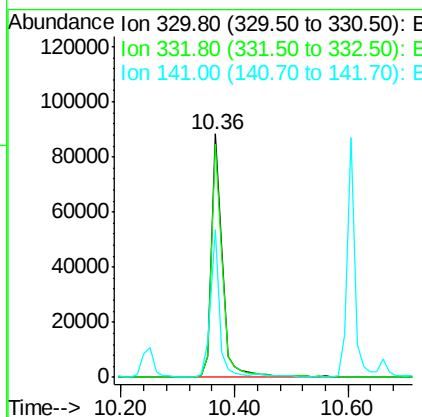
Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS



Tot Ion	Ion	Ratio	Lower	Upper
114413	330	100		
	332	96.2	76.8	115.2
	141	52.6	37.3	55.9

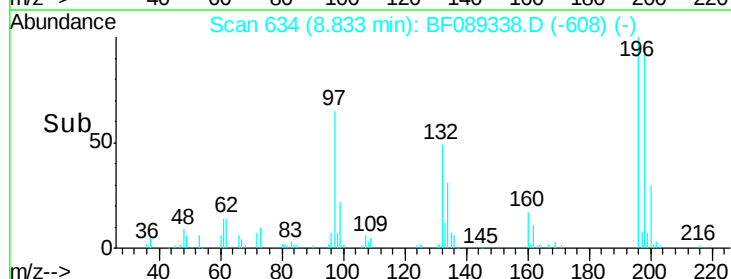
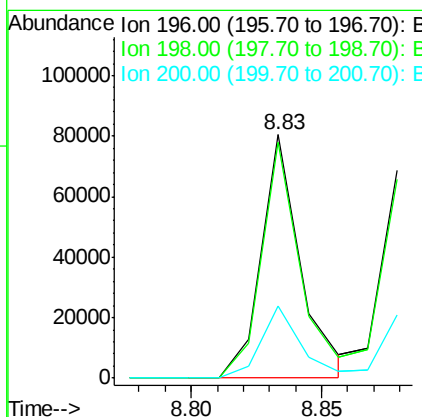
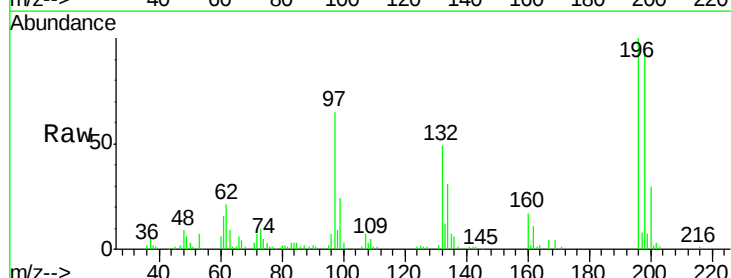
Manual Integrations

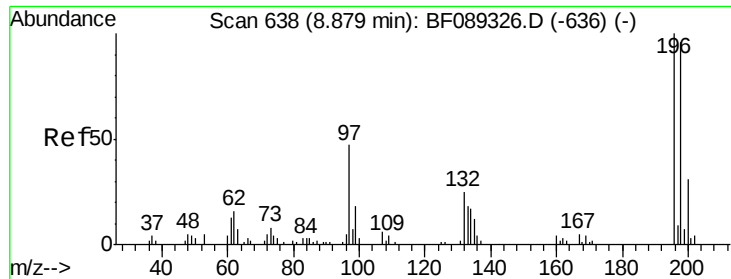
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#42
 2,4,6-Trichlorophenol
 Concen: 54.47 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

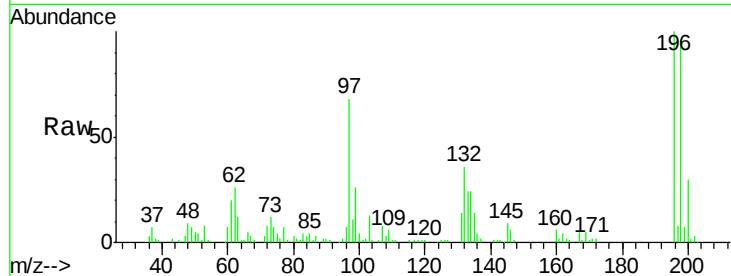
Tgt Ion	Ion	Ratio	Lower	Upper
83936	196	100		
	198	97.0	75.5	113.3
	200	29.8	23.9	35.9





#43
 2,4,5-Trichlorophenol
 Concen: 48.55 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

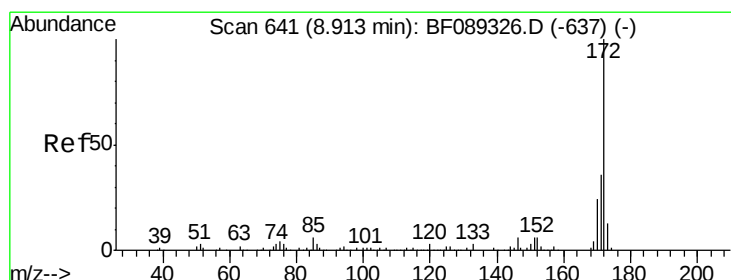
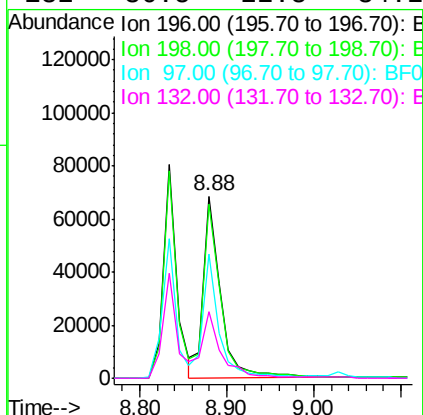
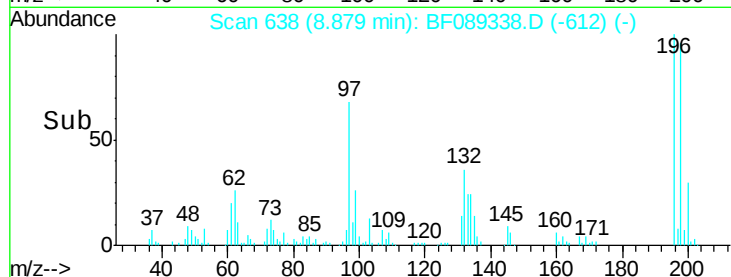
Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS



Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.7	118.1
97	68.0	39.7	59.5#
132	36.5	22.8	34.2#

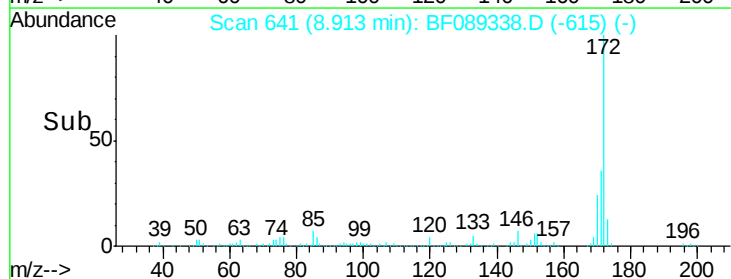
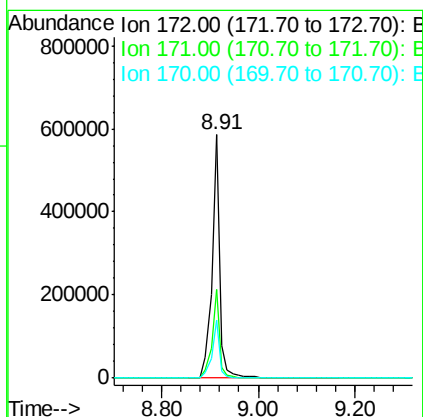
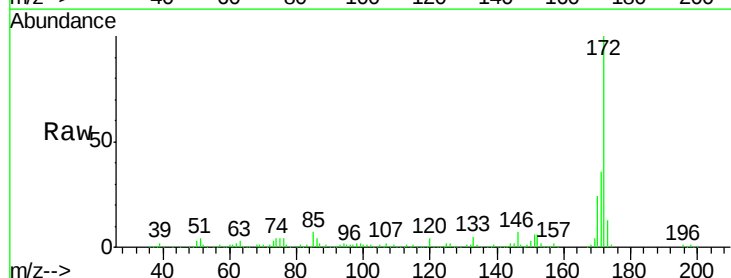
Manual Integrations

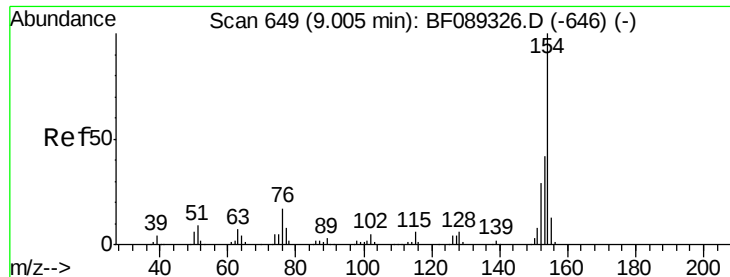
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#44
 2-Fluorobiphenyl
 Concen: 106.51 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.2	28.8





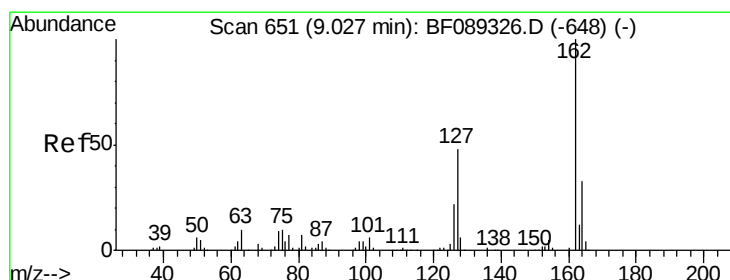
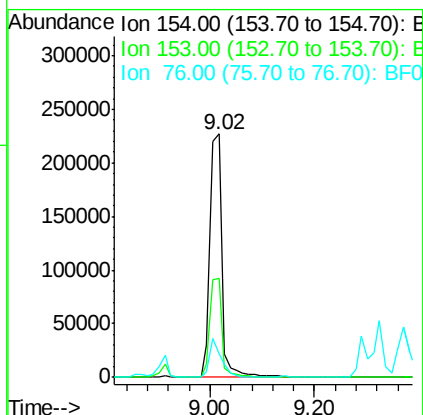
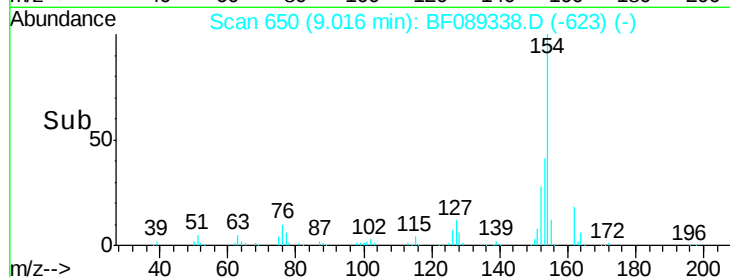
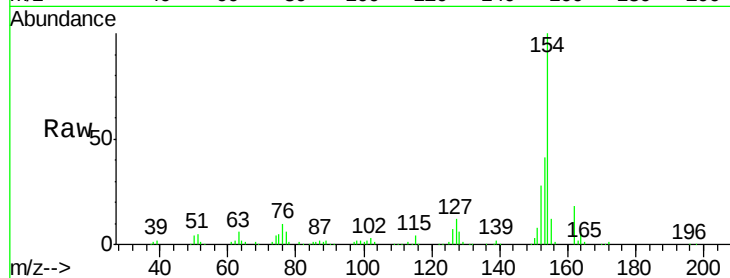
#45
 1,1'-Biphenyl
 Concen: 46.61 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.0	61.0
76	9.5	0.0	36.6

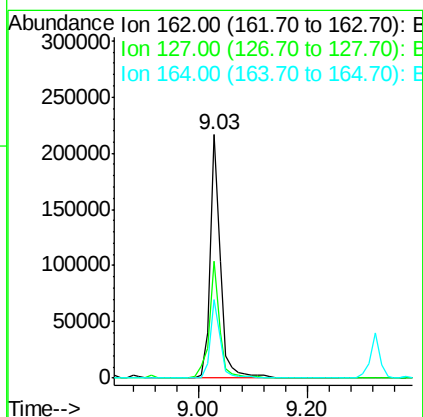
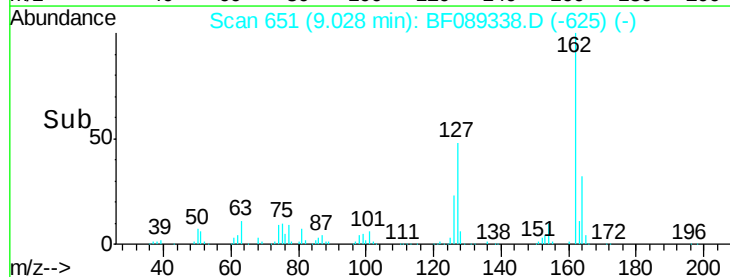
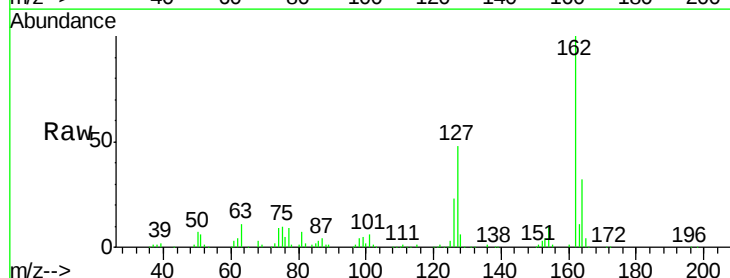
Manual Integrations

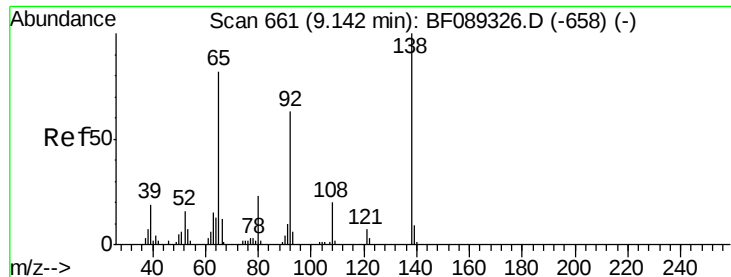
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#46
 2-Chloronaphthalene
 Concen: 47.96 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.8	37.8	56.8
164	32.4	25.8	38.8





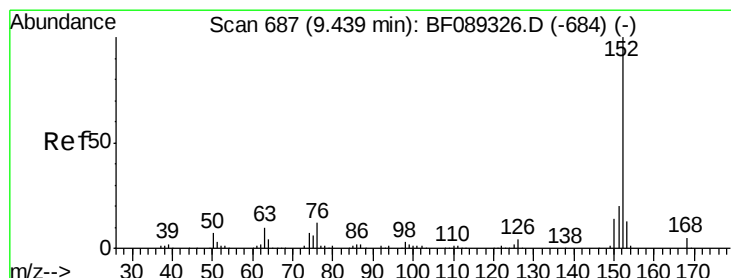
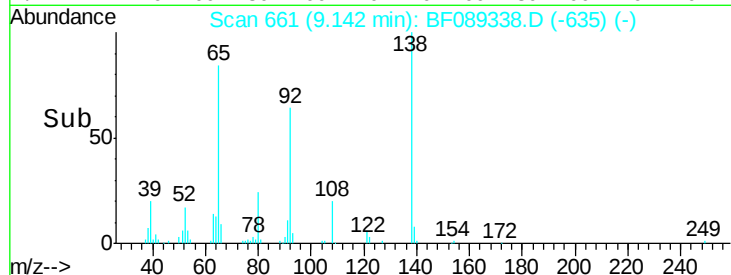
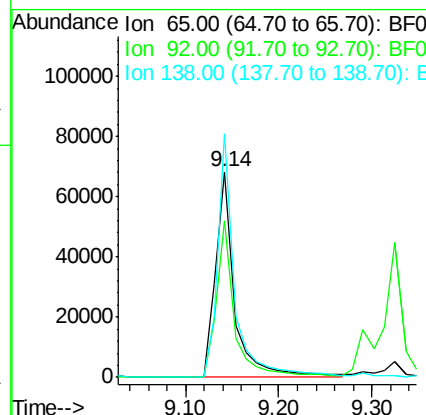
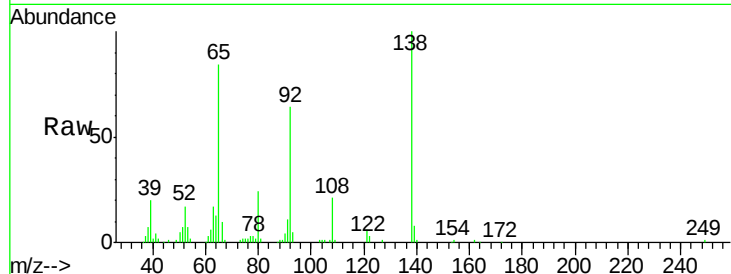
#47
2-Nitroaniline
Concen: 55.73 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.0	61.0	91.4
138	118.6	99.1	148.7

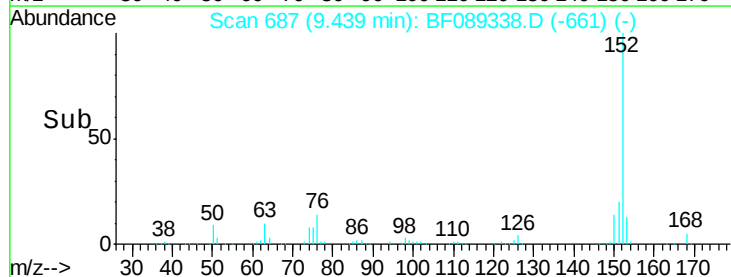
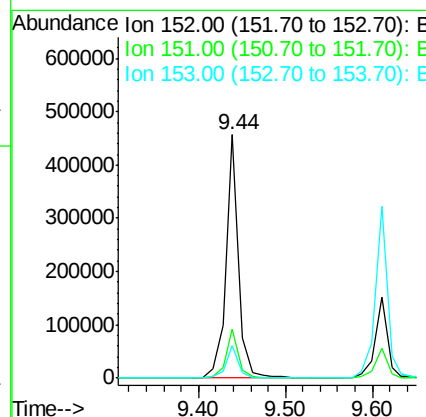
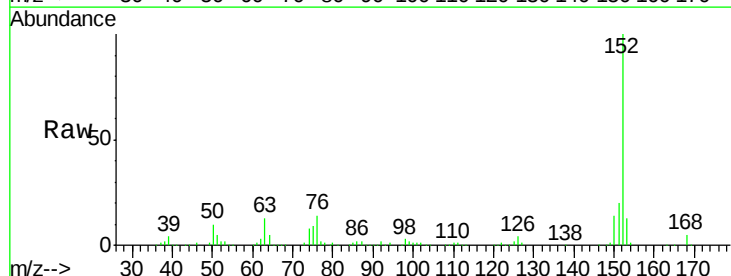
Manual Integrations

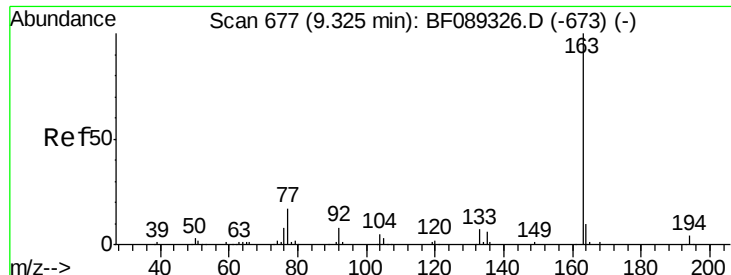
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#48
Acenaphthylene
Concen: 50.04 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.4	10.2	15.4





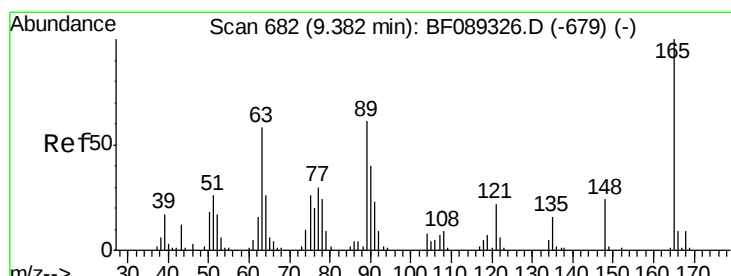
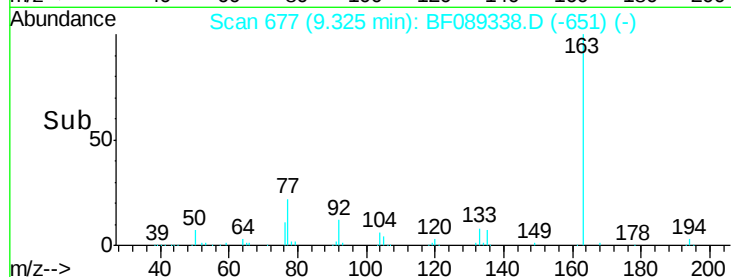
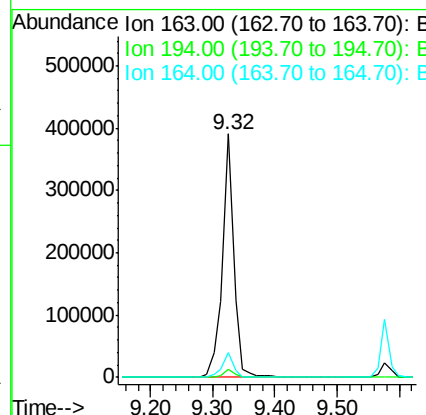
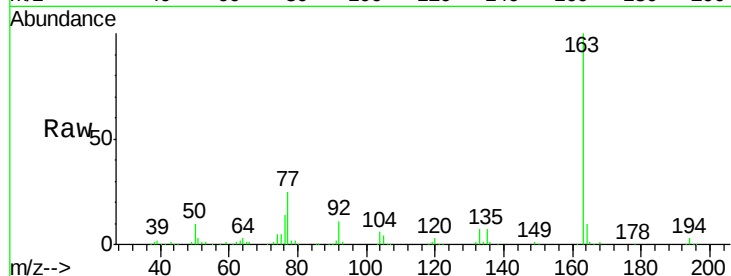
#49
Dimethylphthalate
Concen: 69.55 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	490255		
194	3.2		2.8	4.2
164	10.4		7.8	11.8

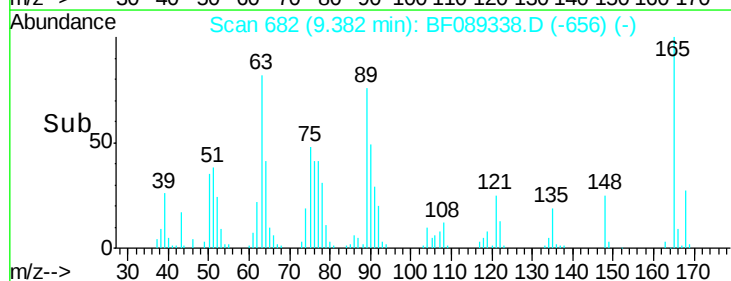
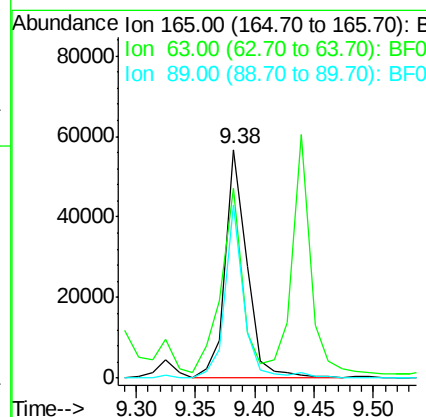
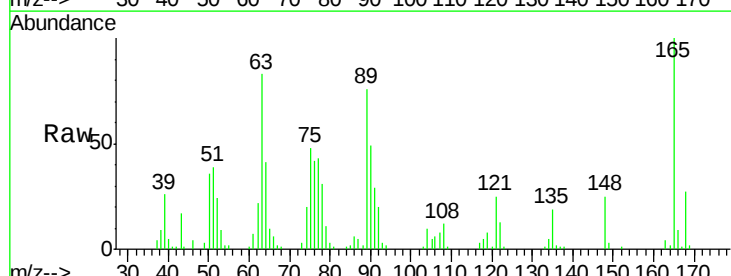
Manual Integrations

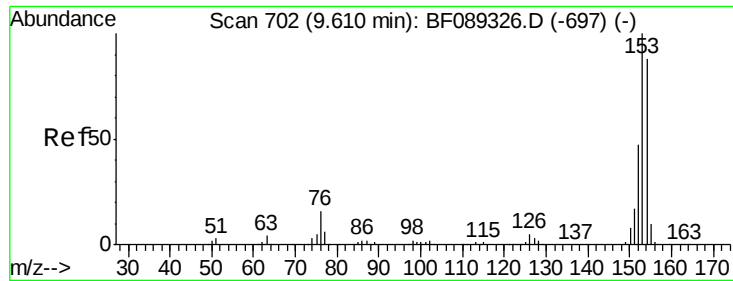
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#50
2,6-Dinitrotoluene
Concen: 49.65 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71904		
63	83.1		43.5	65.3#
89	75.8		45.0	67.4#





#51

Acenaphthene

Concen: 49.97 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:154 Resp: 272224

Ion Ratio Lower Upper

154 100

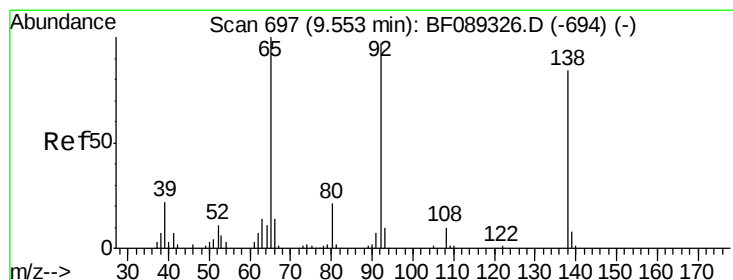
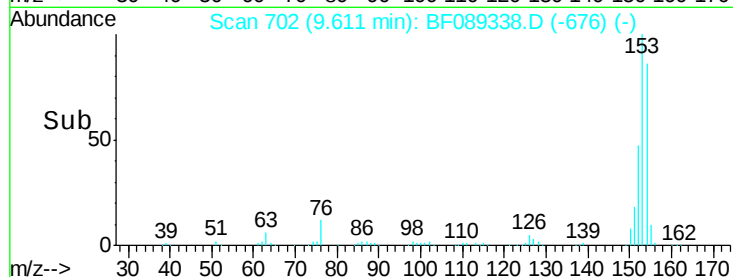
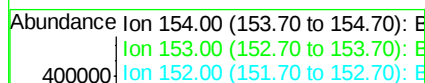
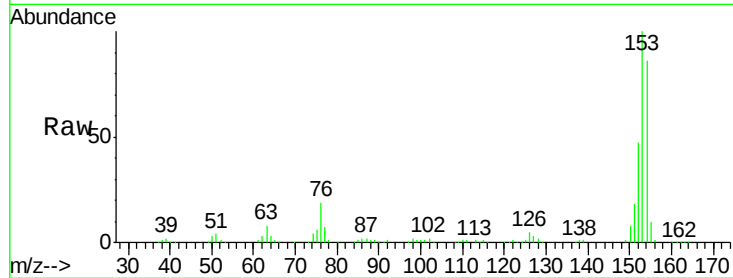
153 116.1 91.4 137.2

152 55.1 43.8 65.6

Manual Integrations

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#52

3-Nitroaniline

Concen: 27.43 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

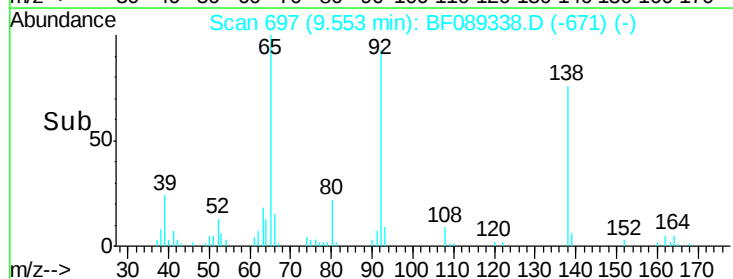
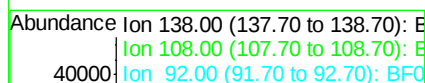
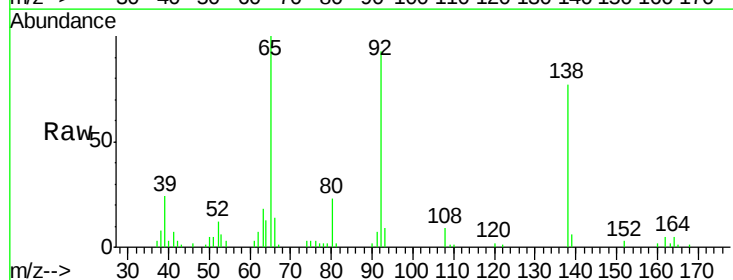
Tgt Ion:138 Resp: 41931

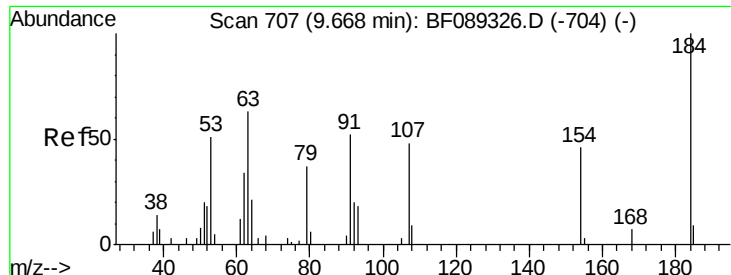
Ion Ratio Lower Upper

138 100

108 11.6 8.6 13.0

92 120.8 90.0 135.0





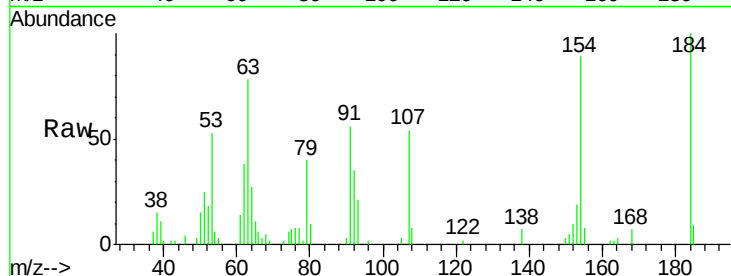
#53
 2,4-Dinitrophenol
 Concen: 46.65 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

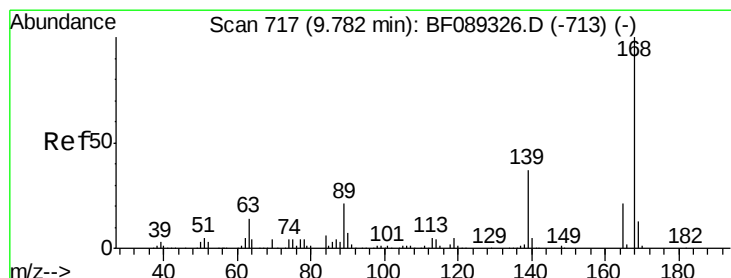
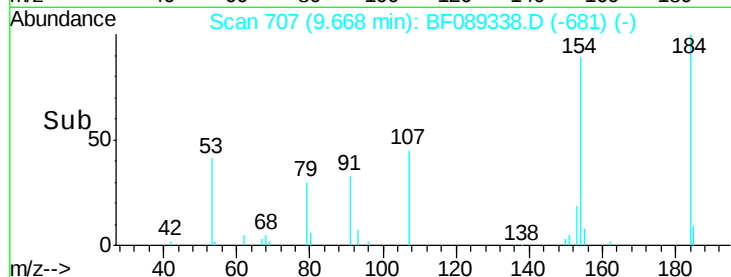
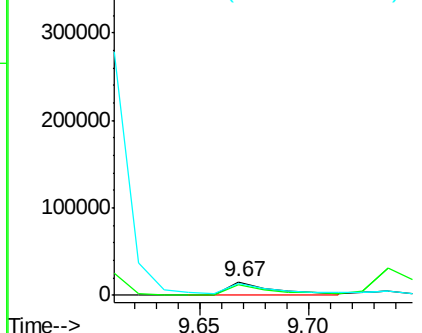
Tot Ion	Ratio	Lower	Upper
184	100		
63	78.0	60.6	90.8
154	89.2	69.8	104.8

Manual Integrations

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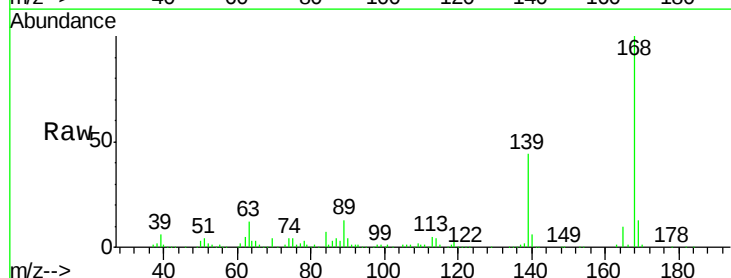


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

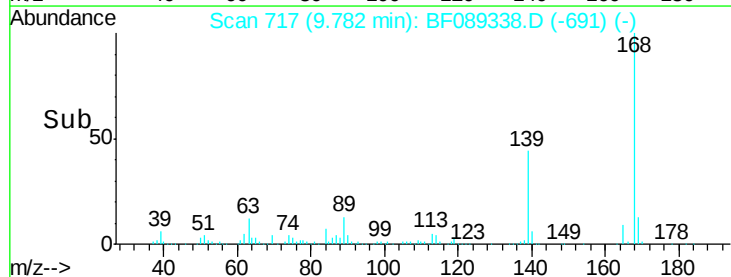
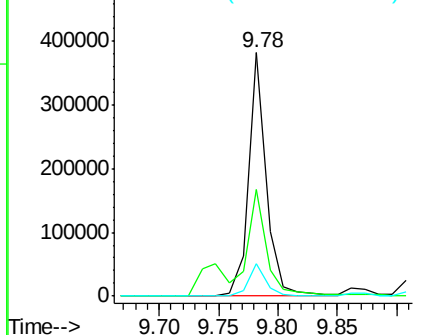


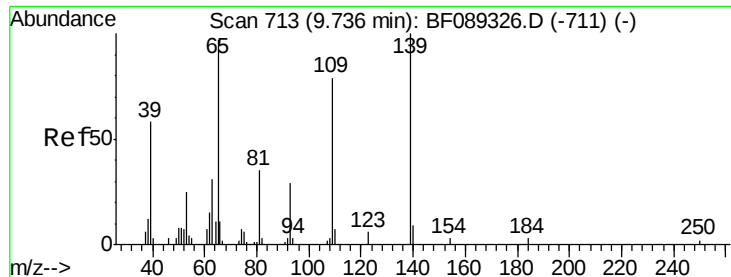
#54
 Dibenzofuran
 Concen: 53.87 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.9	33.7	50.5
169	13.4	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 104.81 ng/mL

RT: 9.75 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:139 Resp: 79563

Ion Ratio Lower Upper

139 100

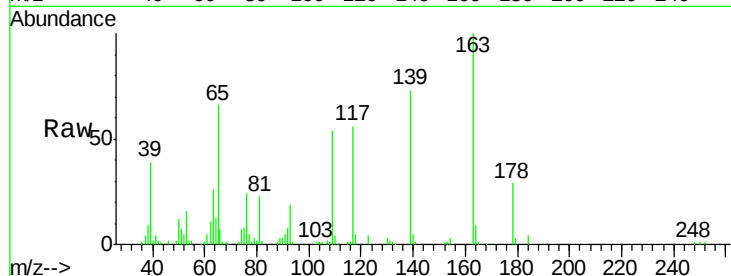
109 73.0 57.8 97.8

65 89.7 81.7 121.7

Manual Integrations

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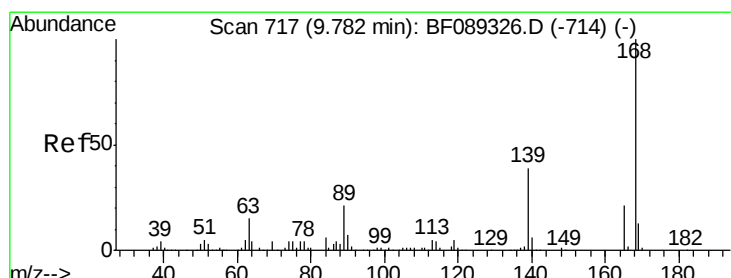
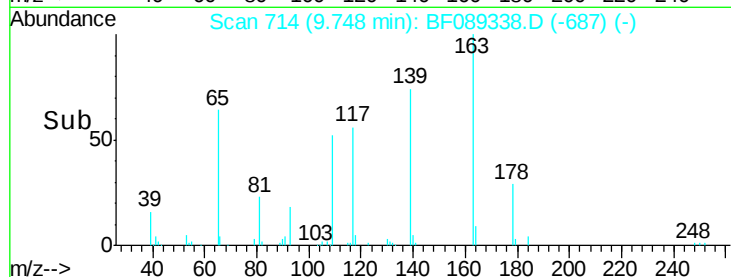
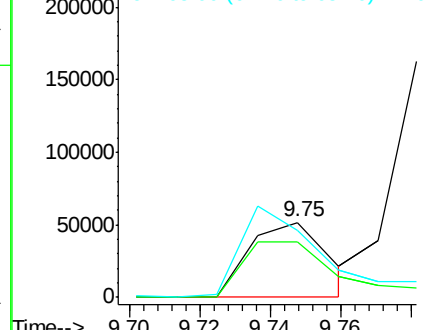


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 57.25 ng/mL

RT: 9.79 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:165 Resp: 109149

Ion Ratio Lower Upper

165 100

63 38.2 58.2 87.2#

89 63.9 79.1 118.7#

182 2.4 1.8 2.8

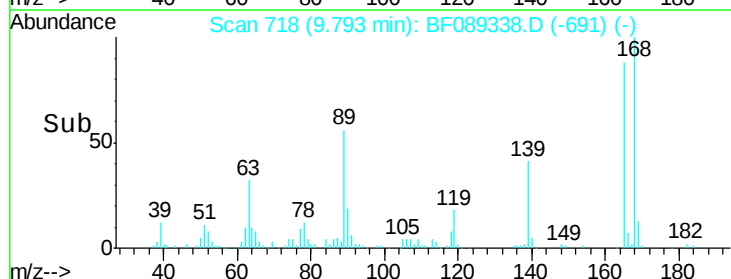
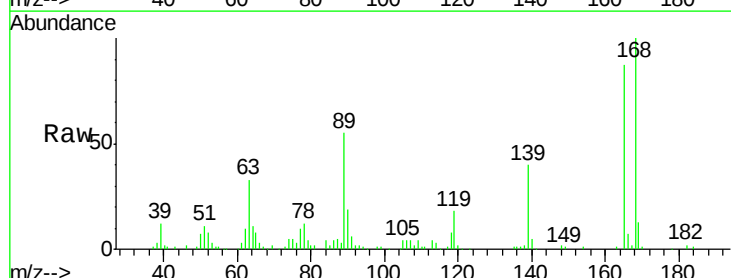
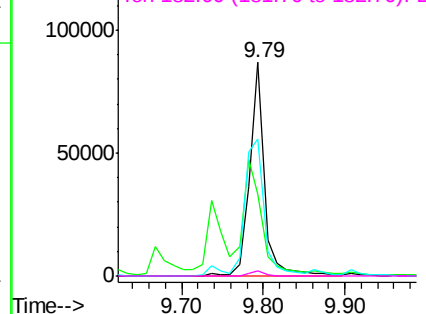
Abundance

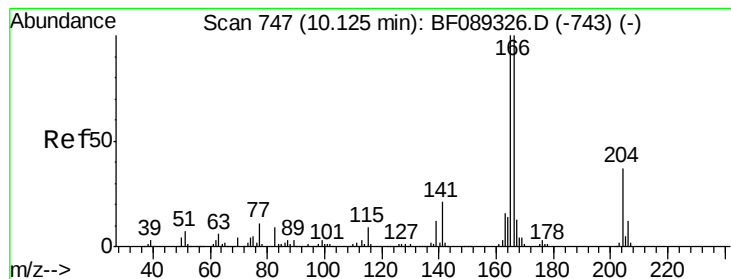
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.42 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089338.D

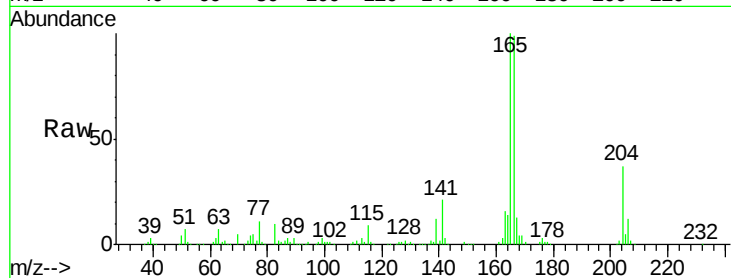
Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS



Tot Ion:166 Resp: 339682

Ion Ratio Lower Upper

166 100

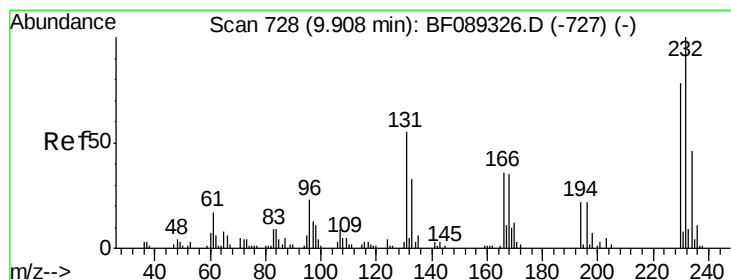
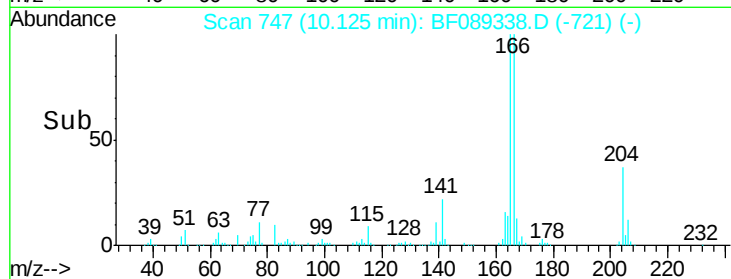
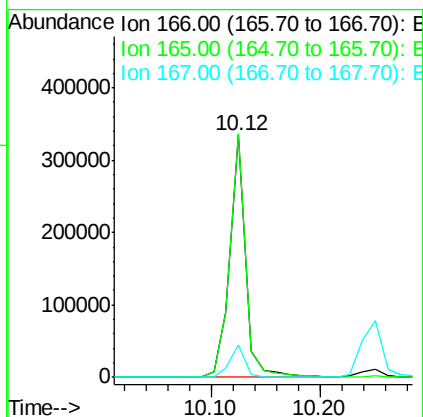
165 100.7 79.0 118.4

167 13.3 10.2 15.2

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 58.34 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:232 Resp: 76035

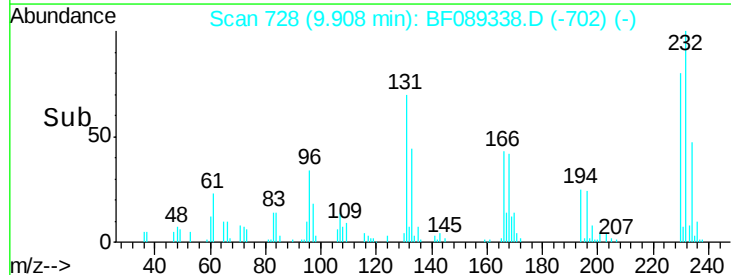
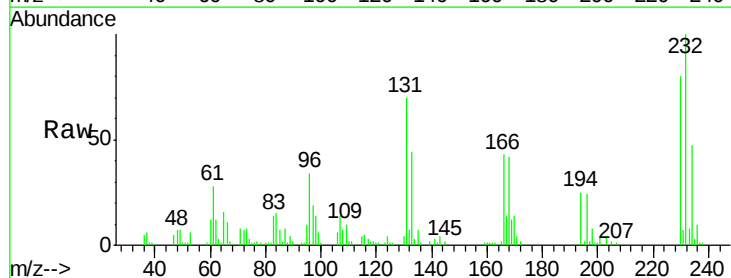
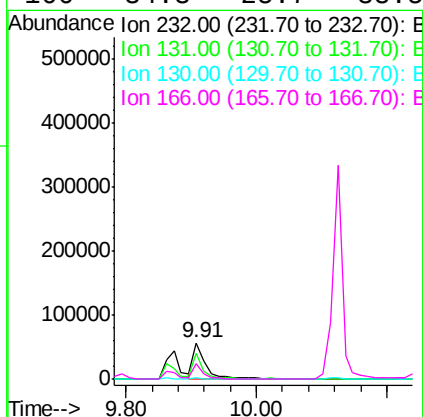
Ion Ratio Lower Upper

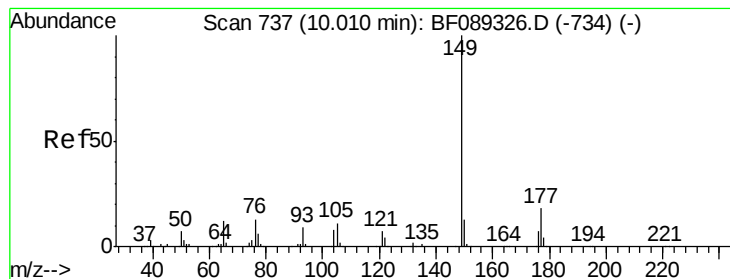
232 100

131 57.4 42.7 64.1

130 2.6 1.7 2.5#

166 34.3 25.7 38.5





#59

Diethylphthalate

Concen: 53.87 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF089338.D

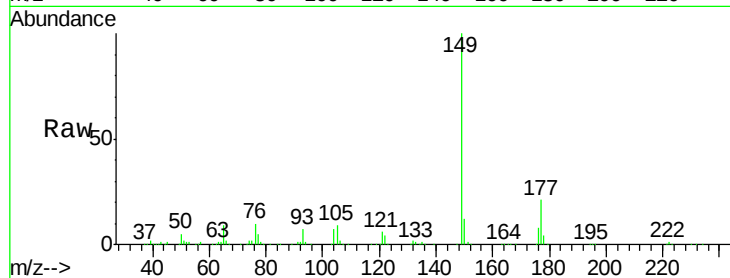
Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS



Tot Ion:149 Resp: 384954

Ion Ratio Lower Upper

149 100

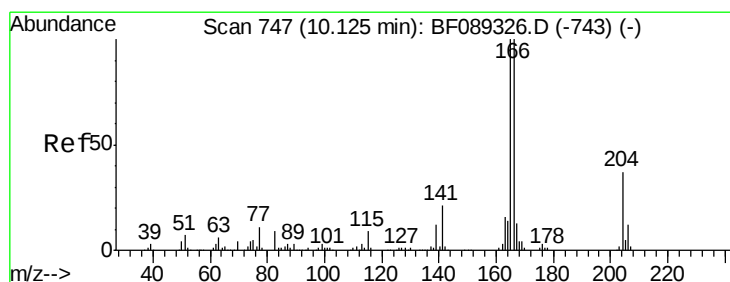
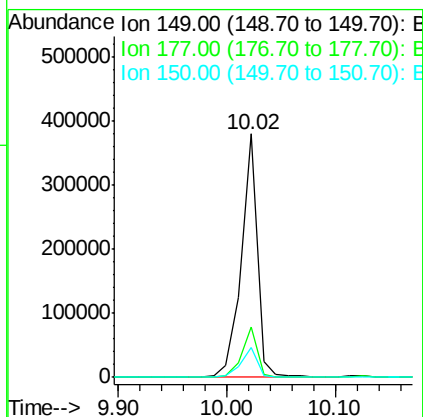
177 20.6 15.1 22.7

150 12.4 10.2 15.4

Manual Integrations

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#60

4-Chlorophenyl-phenylether

Concen: 48.63 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

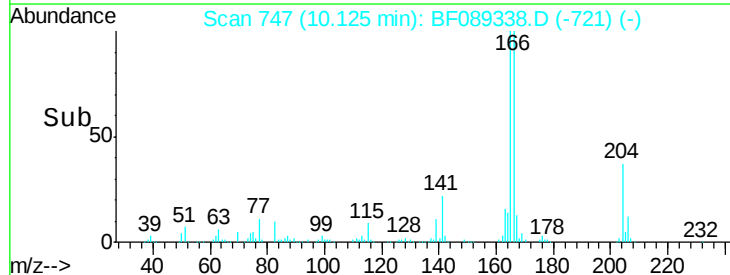
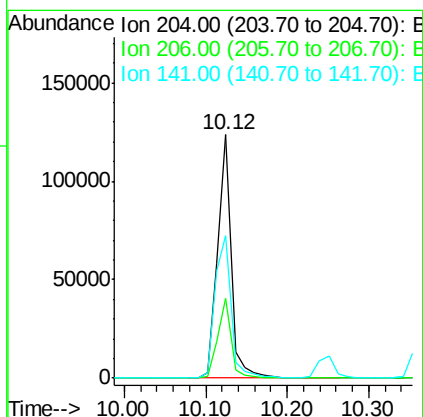
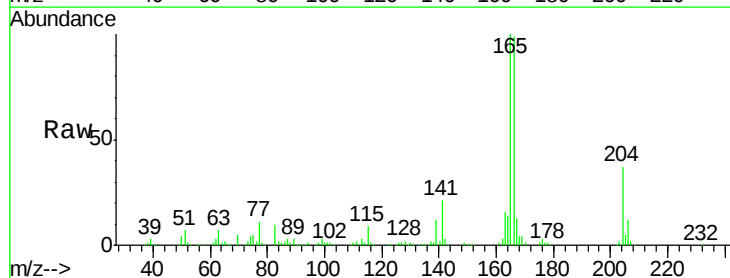
Tgt Ion:204 Resp: 144535

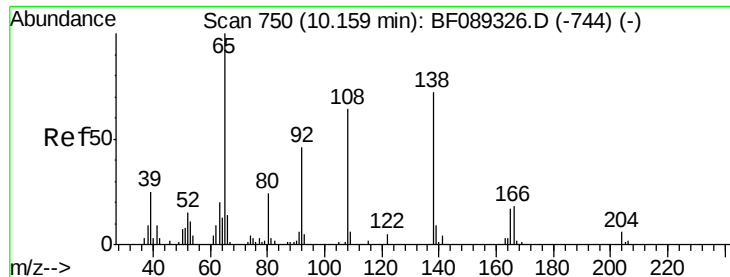
Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

141 58.5 46.6 70.0





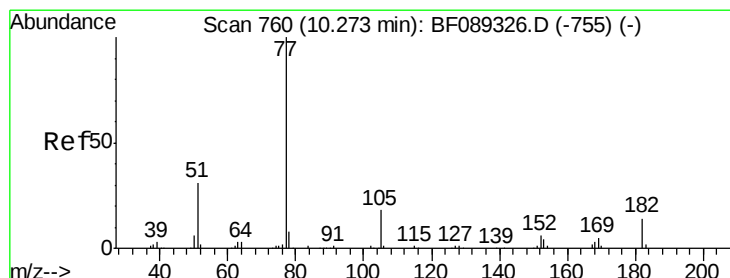
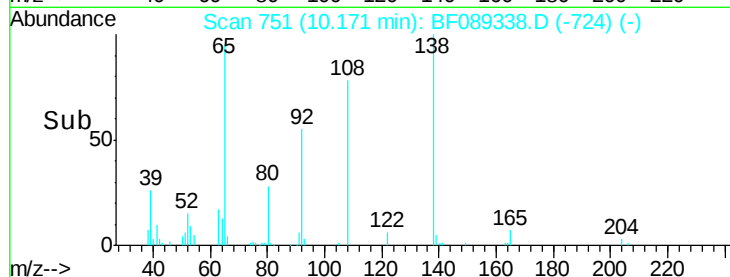
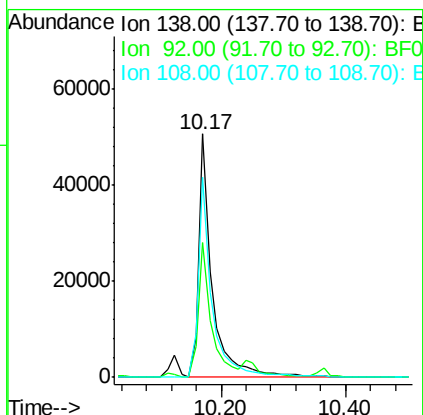
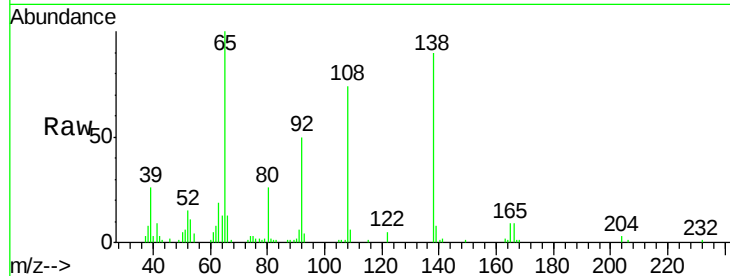
#61
4-Nitroaniline
Concen: 48.99 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion:138 Resp: 77178
Ion Ratio Lower Upper
138 100
92 55.1 41.2 81.2
108 82.4 69.6 109.6

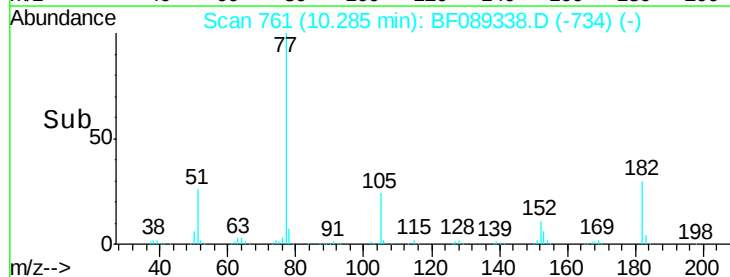
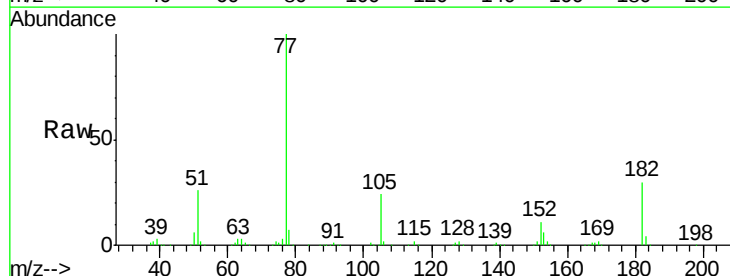
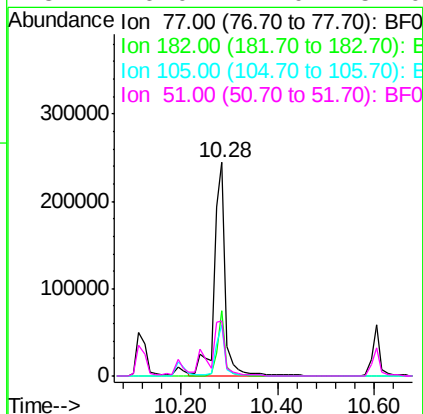
Manual Integrations

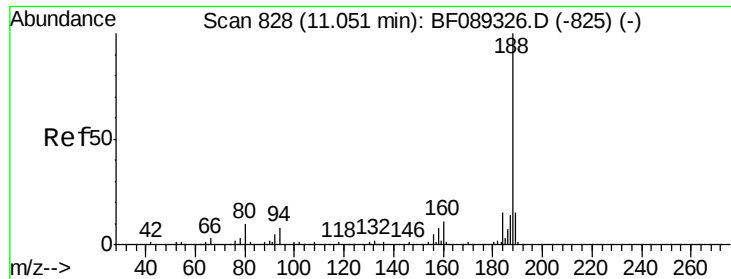
sohil
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#62
Azobenzene
Concen: 53.51 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion: 77 Resp: 393837
Ion Ratio Lower Upper
77 100
182 30.4 0.0 33.8
105 23.8 0.0 39.8
51 26.0 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: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:188 Resp: 176583

Ion Ratio Lower Upper

188 100

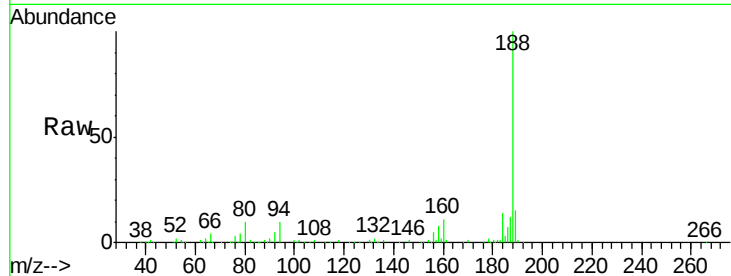
94 9.5 6.5 9.7

80 10.4 7.2 10.8

Manual Integrations

sohil

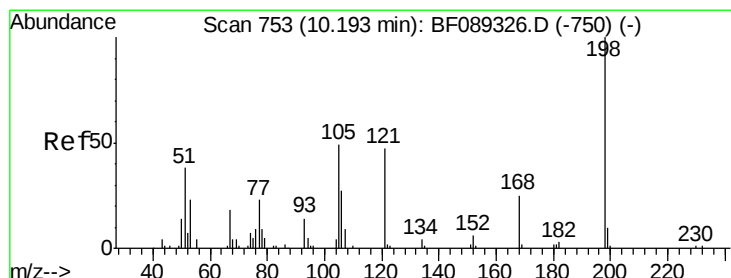
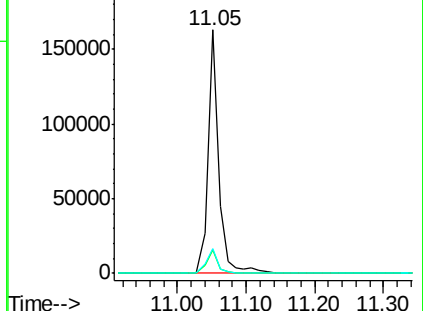
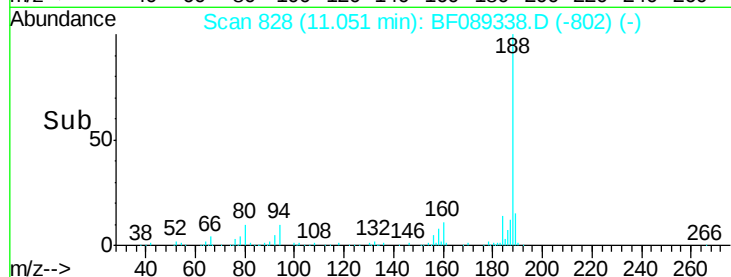
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.80 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

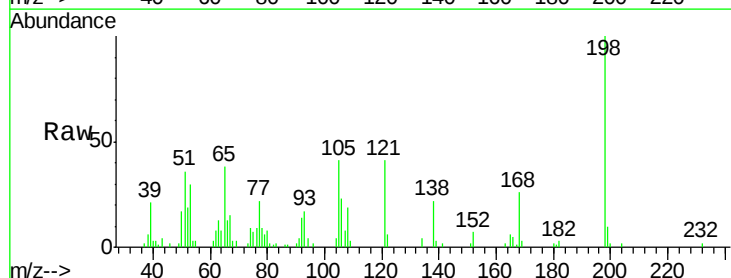
Tgt Ion:198 Resp: 43887

Ion Ratio Lower Upper

198 100

51 35.8 23.0 63.0

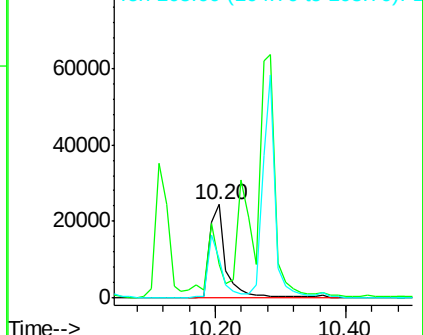
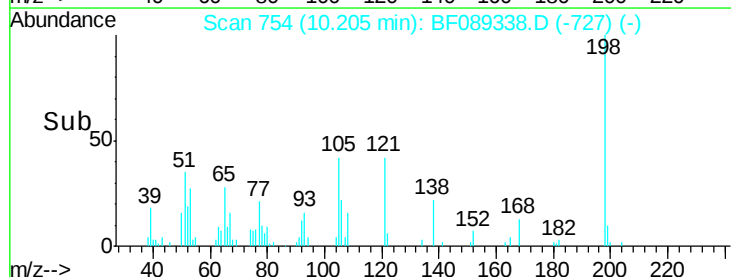
105 41.5 28.3 68.3

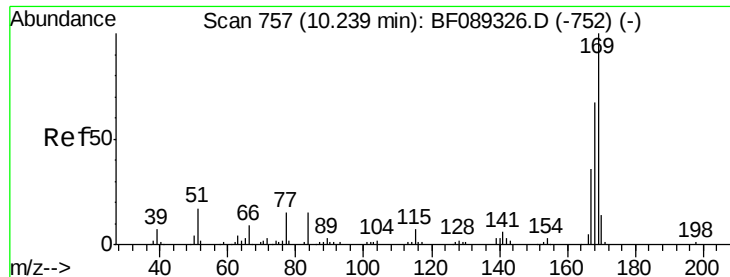


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





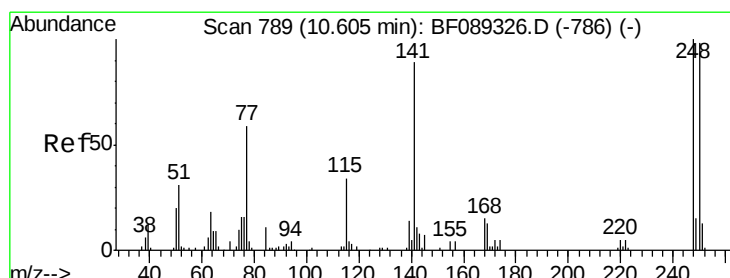
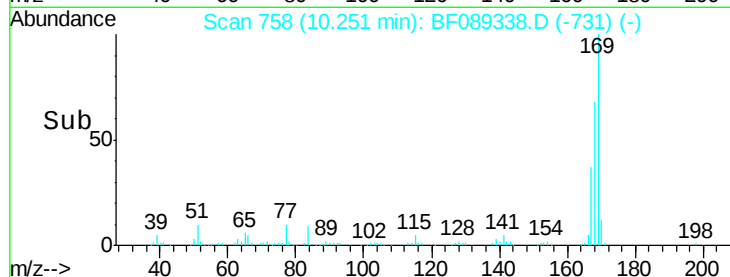
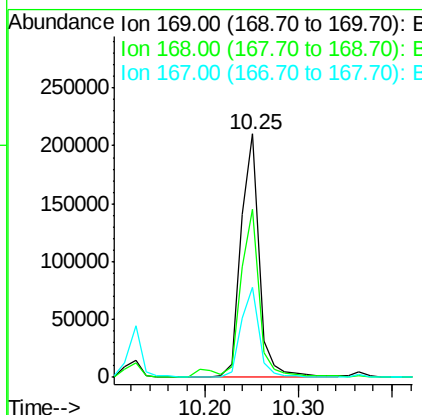
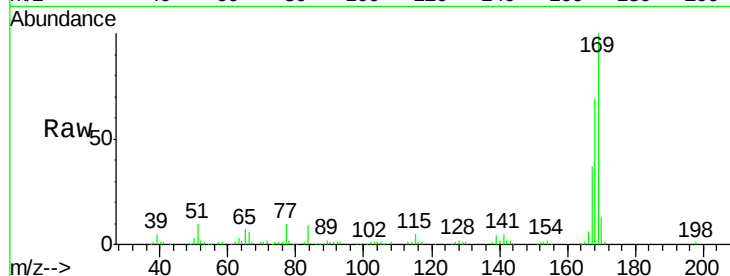
#65
n-Nitrosodiphenylamine
Concen: 52.55 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		289537		
168	68.8	55.4		83.0	
167	37.1	29.7		44.5	

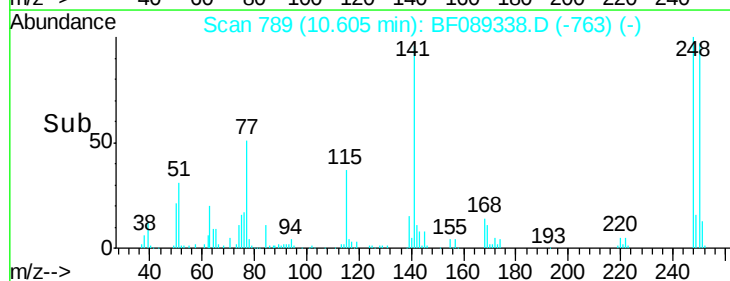
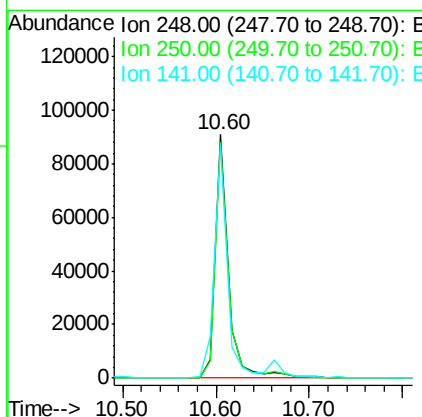
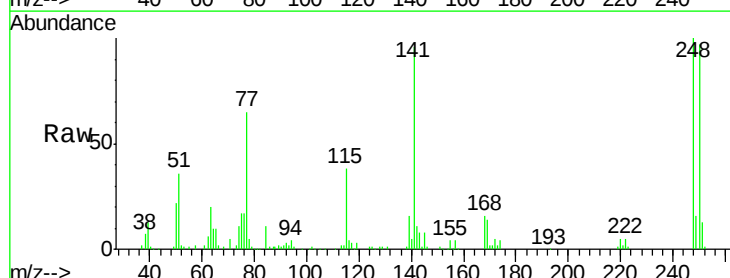
Manual Integrations

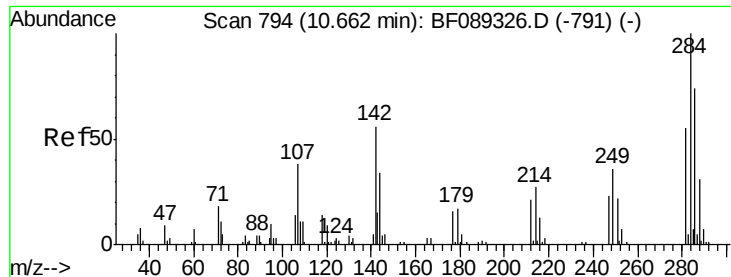
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#66
4-Bromophenyl-phenylether
Concen: 52.56 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		88618		
250	97.0	78.2		117.2	
141	96.0	62.0		93.0	





#67

Hexachlorobenzene

Concen: 48.82 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:284 Resp: 84346

Ion Ratio Lower Upper

284 100

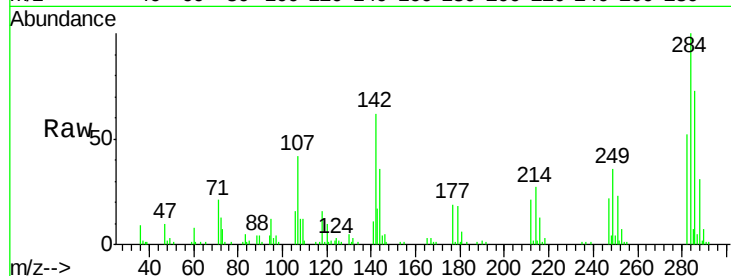
142 61.8 42.2 63.4

249 36.5 29.4 44.0

Manual Integrations

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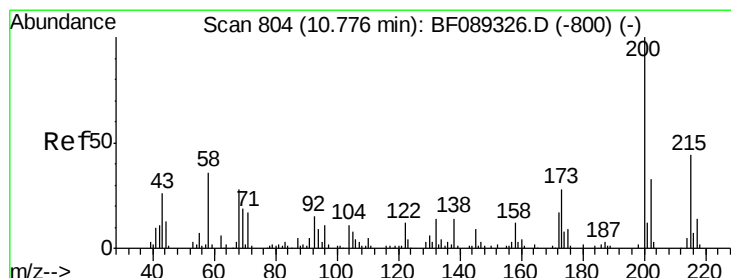
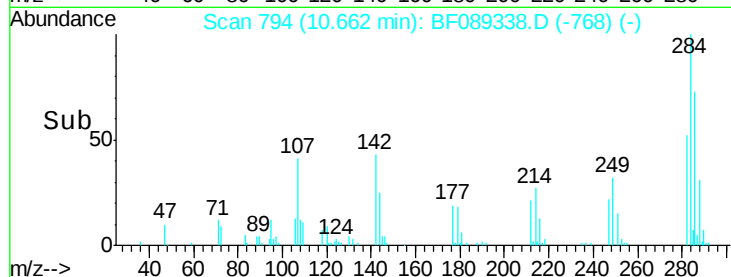
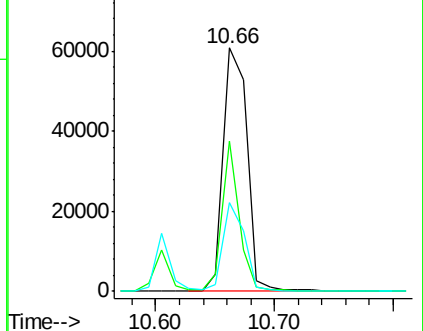
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.04 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:200 Resp: 81313

Ion Ratio Lower Upper

200 100

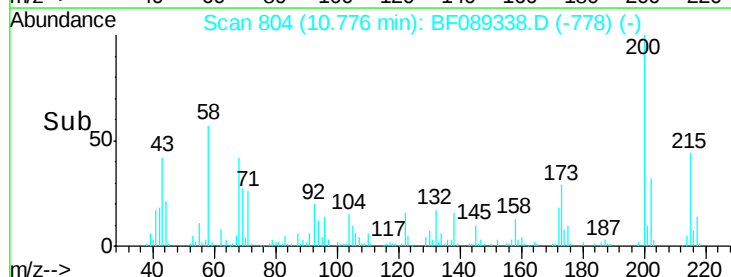
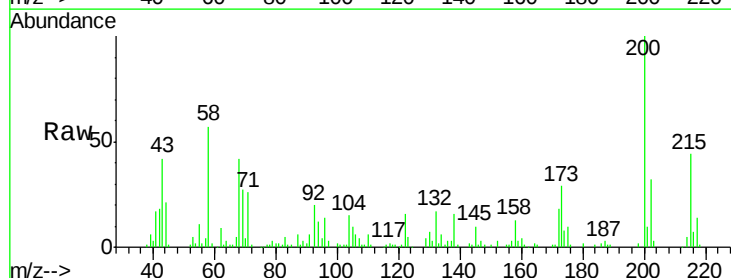
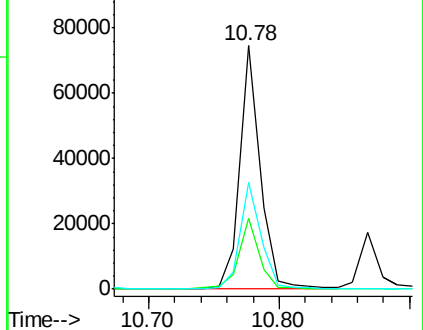
173 29.2 6.0 46.0

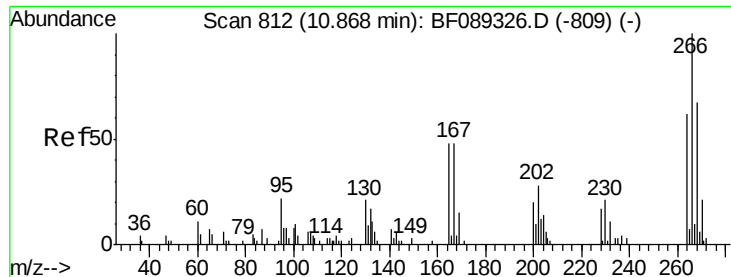
215 43.6 24.3 64.3

Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





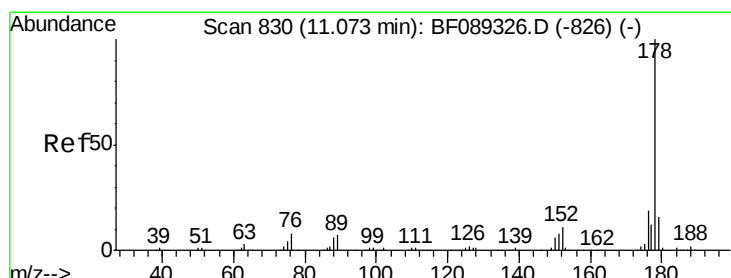
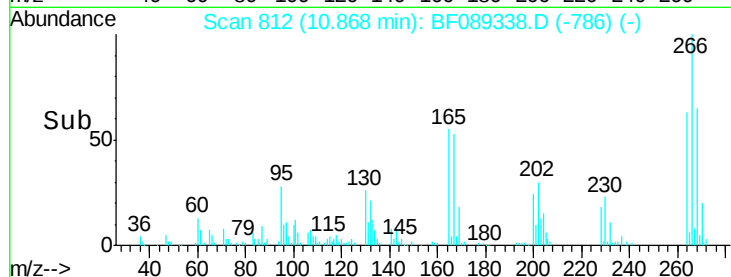
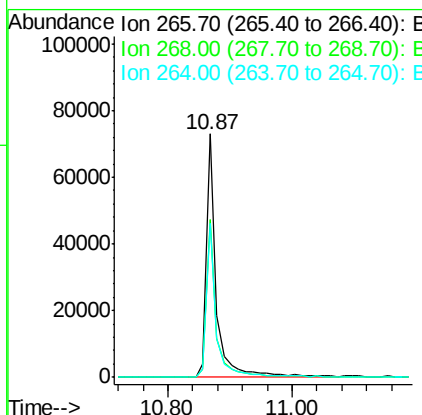
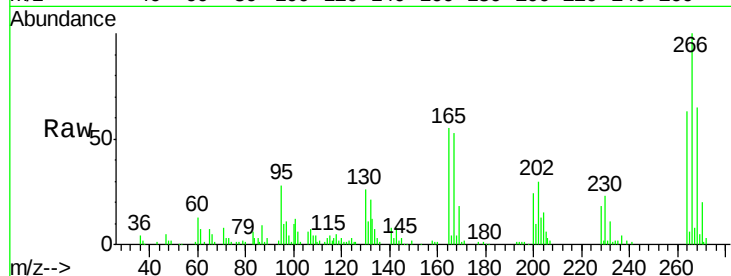
#69
 Pentachlorophenol
 Concen: 96.34 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.4	74.2
264	63.1	50.2	75.2

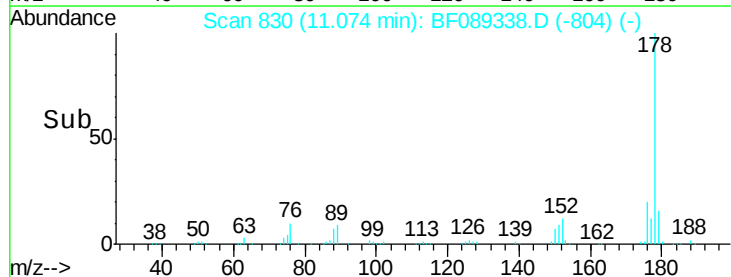
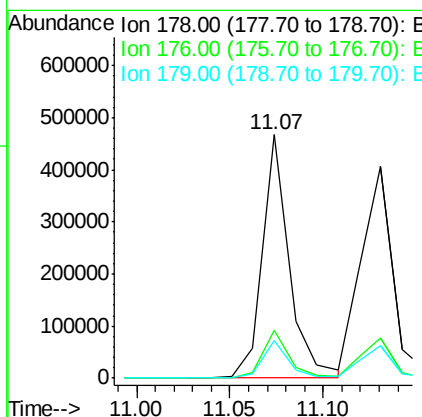
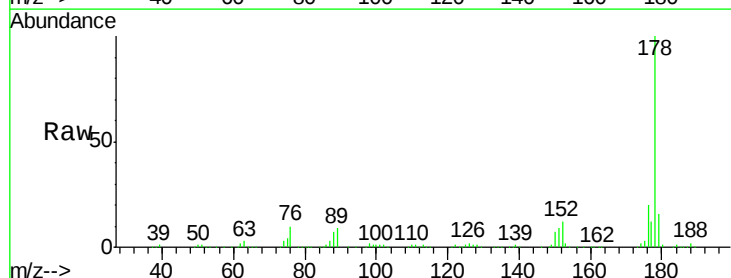
Manual Integrations

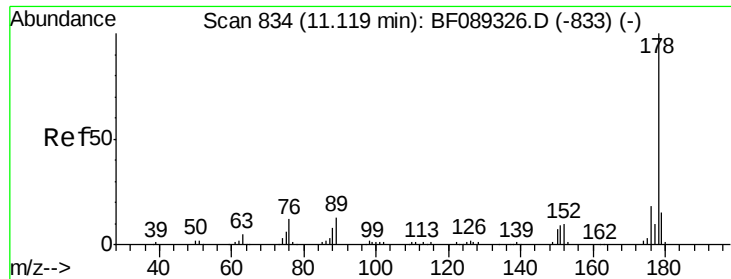
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#70
 Phenanthrene
 Concen: 51.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	12.3	18.5





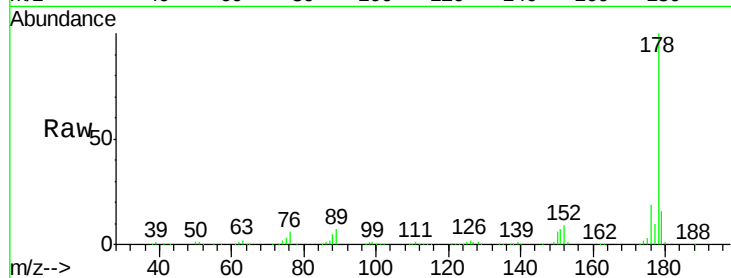
#71
 Anthracene
 Concen: 49.92 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

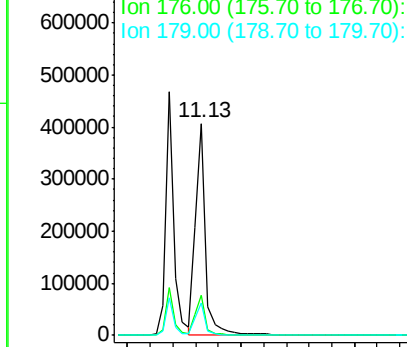
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.6	18.8

Manual Integrations

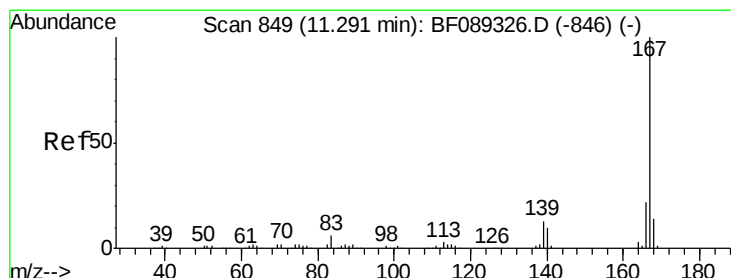
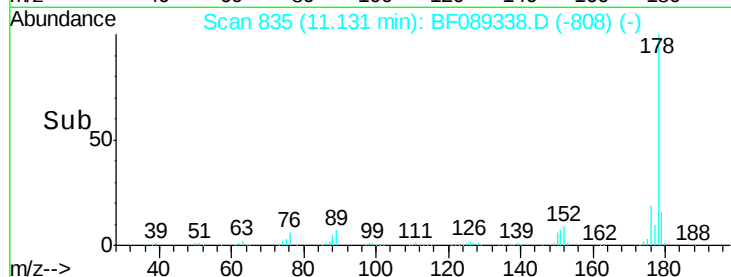
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



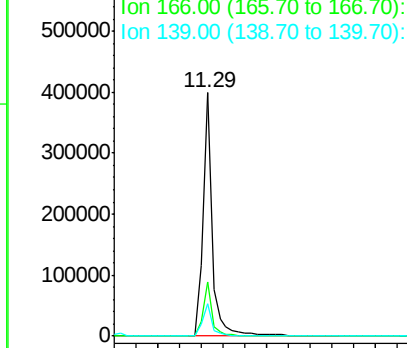
Time--> 11.00 11.20 11.40



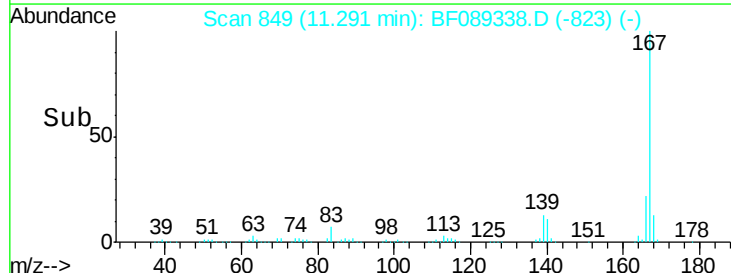
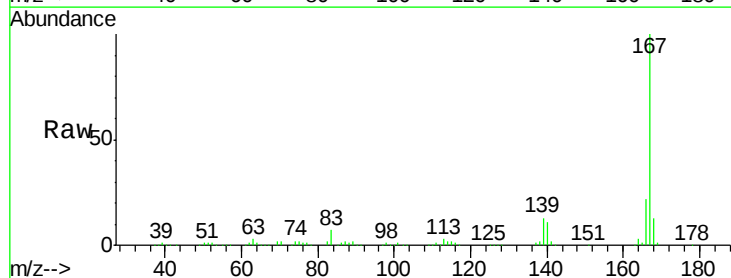
#72
 Carbazole
 Concen: 54.98 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

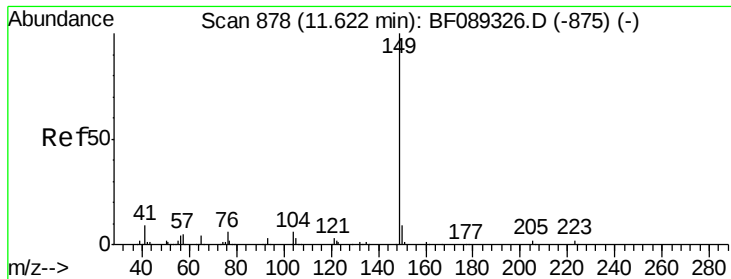
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.2	10.1	15.1

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



Time--> 11.20 11.40 11.60





#73

Di-n-butylphthalate

Concen: 48.91 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

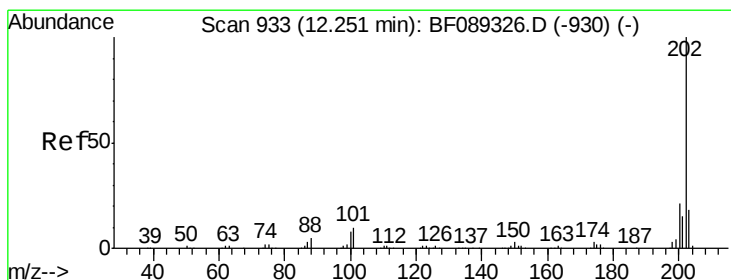
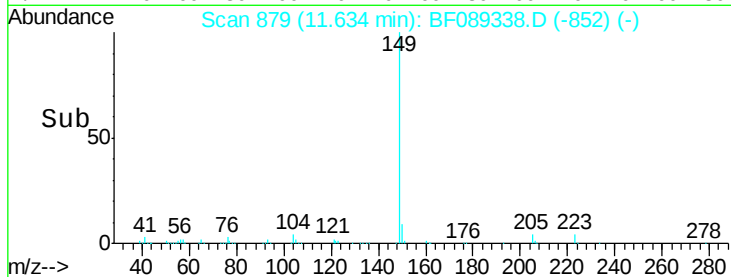
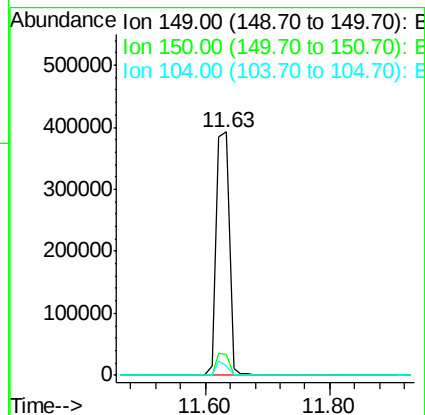
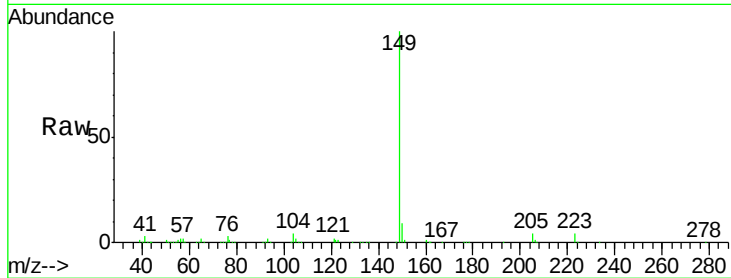
Tot Ion:149 Resp: 559346

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.0	4.7	7.1

Manual Integrations

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#74

Fluoranthene

Concen: 51.02 ng

RT: 12.25 min Scan# 933

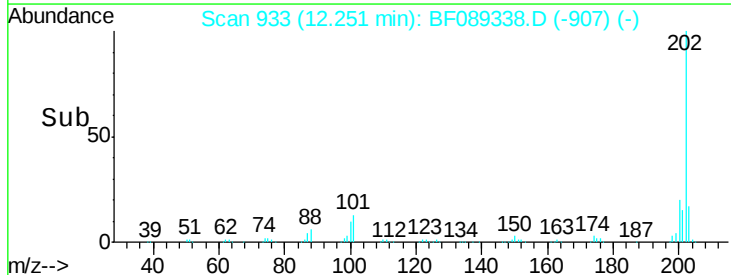
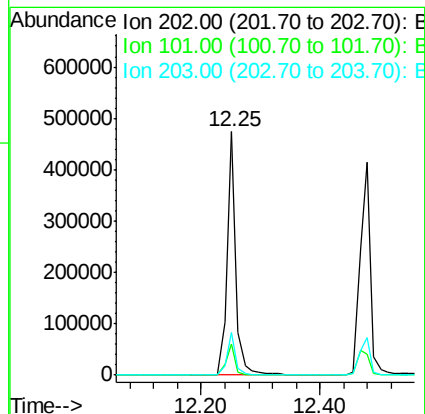
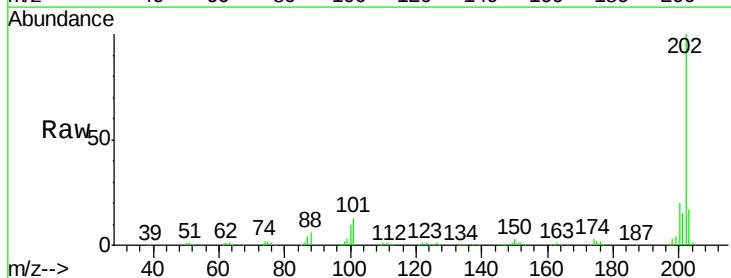
Delta R.T. 0.00 min

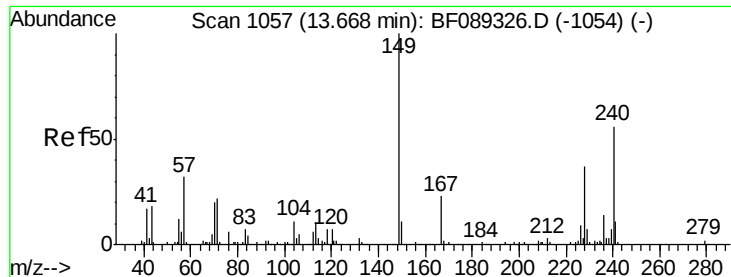
Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:202 Resp: 488798

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	29.9
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:240 Resp: 126226

Ion Ratio Lower Upper

240 100

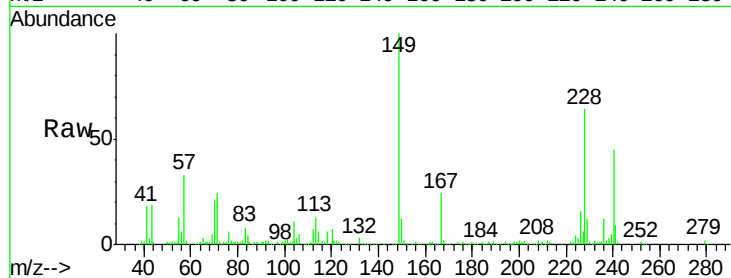
120 15.1 9.1 13.7#

236 26.2 20.6 30.8

Manual Integrations

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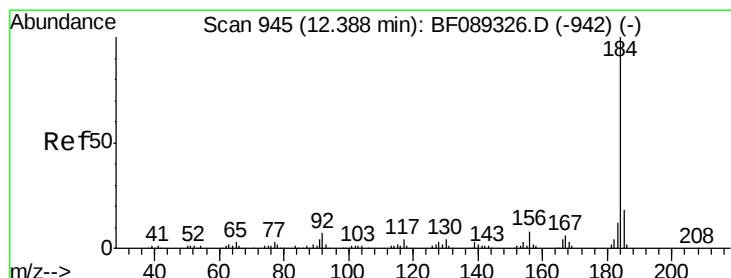
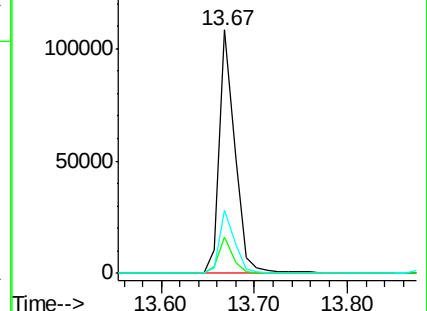
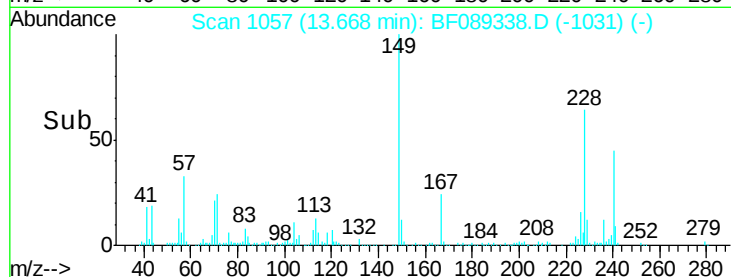
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.37 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

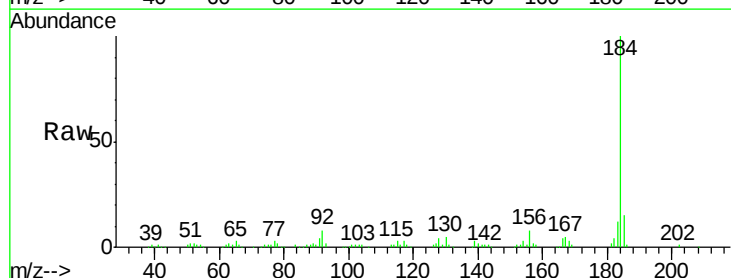
Tgt Ion:184 Resp: 160312

Ion Ratio Lower Upper

184 100

185 14.8 13.5 20.3

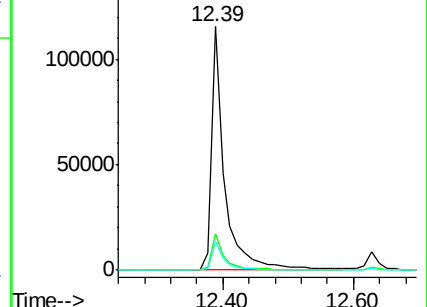
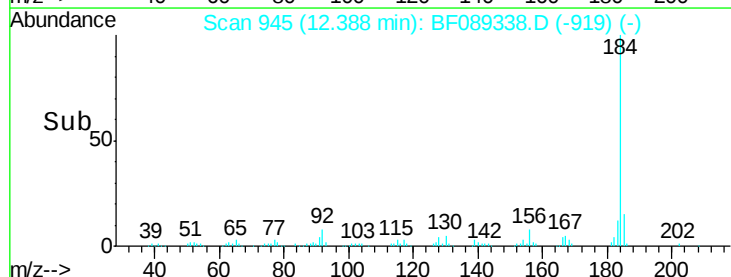
183 12.0 9.8 14.6

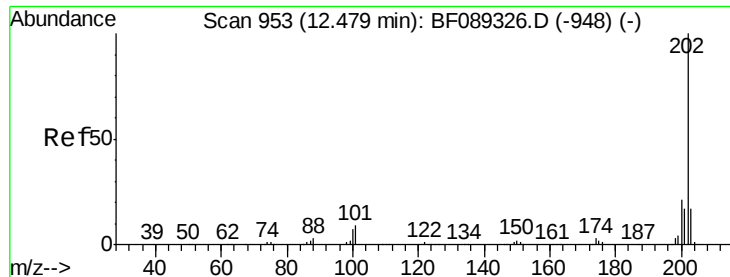


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





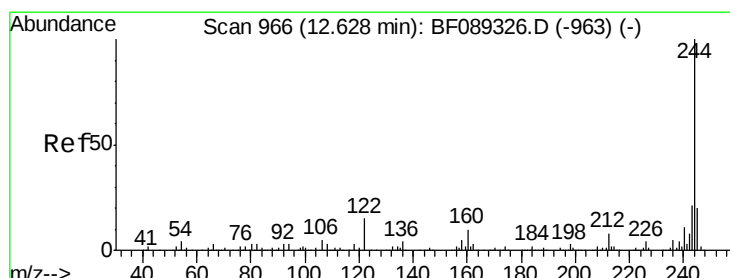
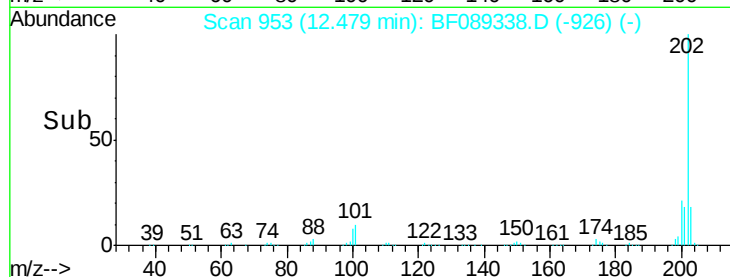
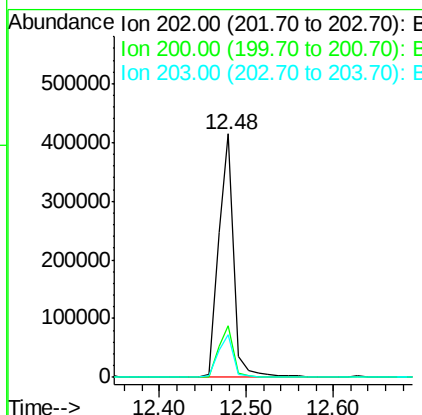
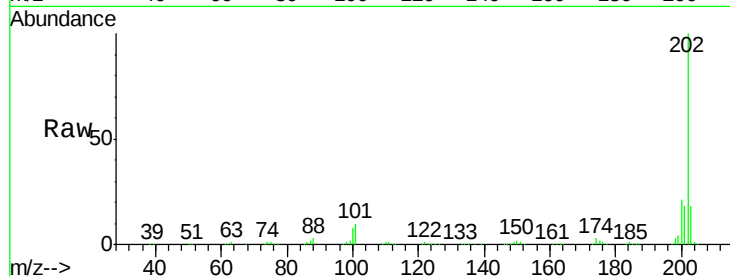
#77
Pvrene
Concen: 52.40 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.0	21.0

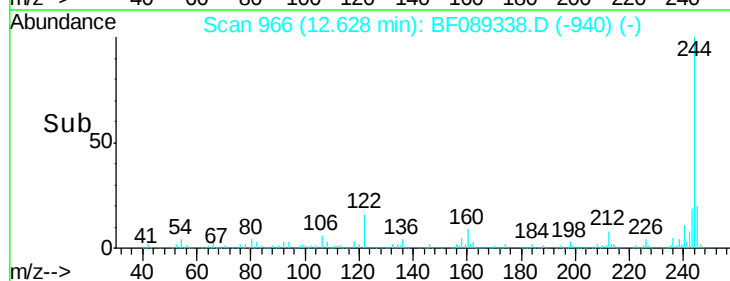
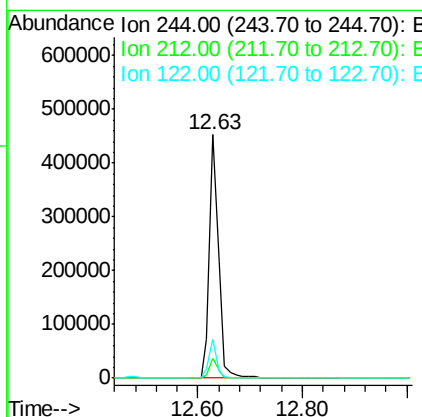
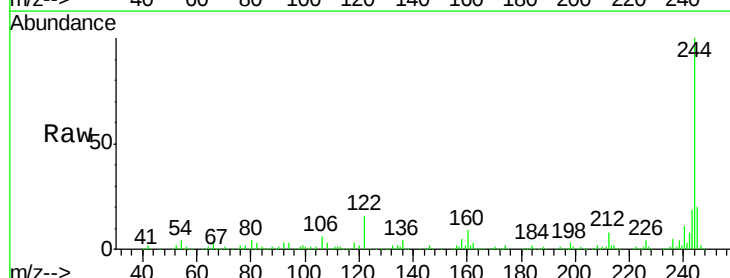
Manual Integrations

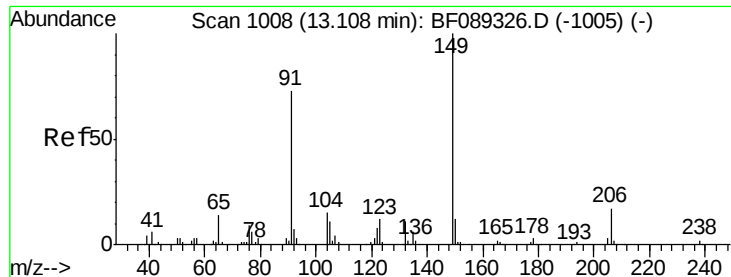
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#78
Terphenyl-d14
Concen: 101.79 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	16.2	11.4	17.0





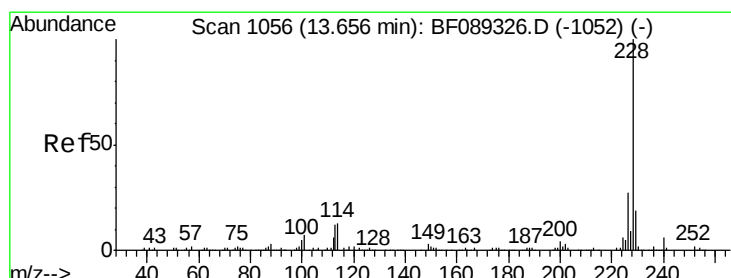
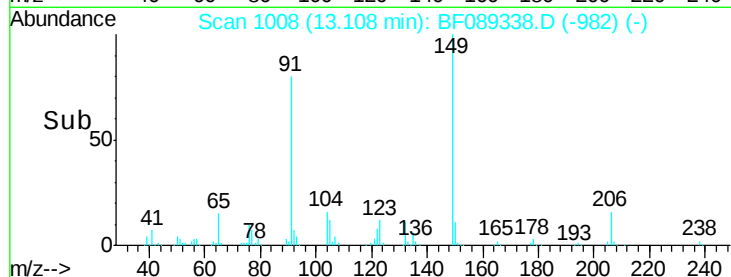
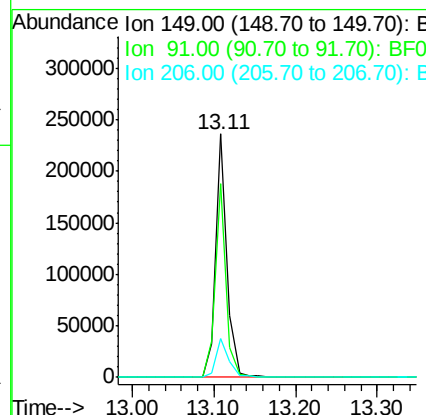
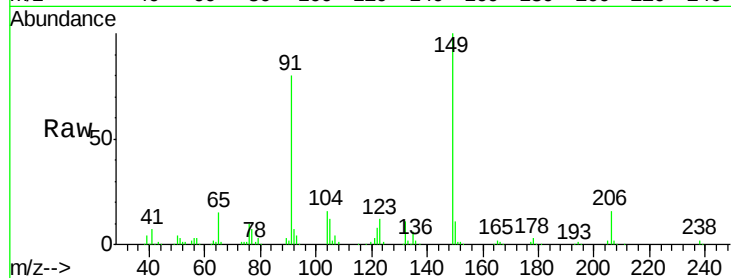
#79
Butylbenzylphthalate
Concen: 53.53 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.8	58.5	87.7
206	15.8	13.8	20.8

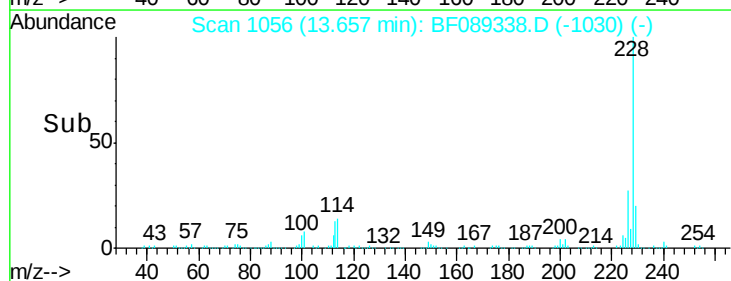
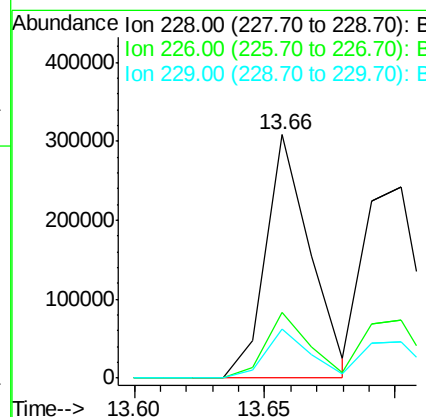
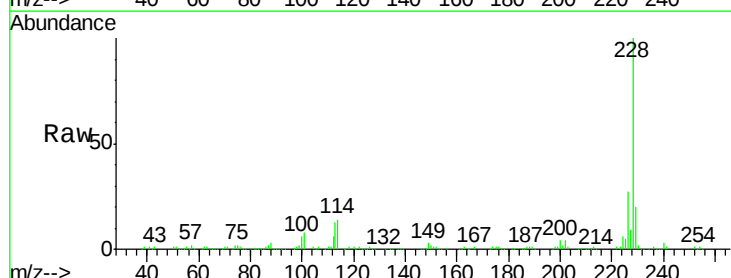
Manual Integrations

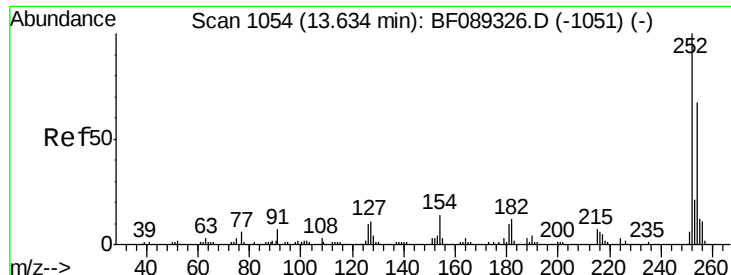
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#80
Benzo(a)anthracene
Concen: 51.59 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.9	15.9	23.9





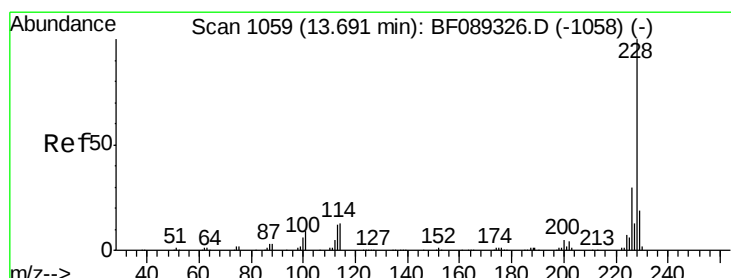
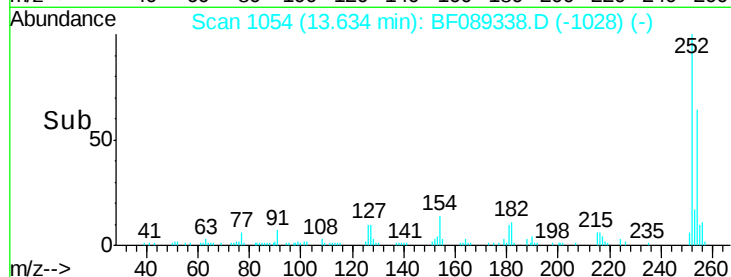
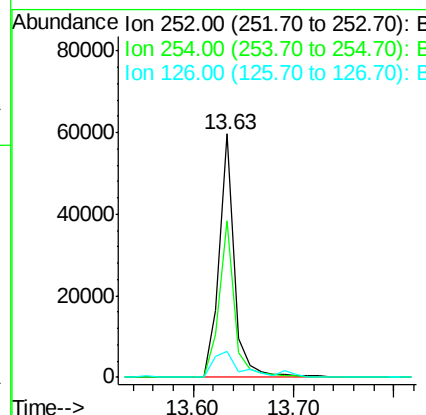
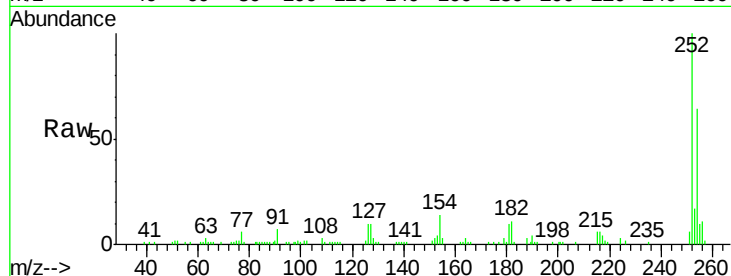
#81
 3,3'-Dichlorobenzidine
 Concen: 24.90 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

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

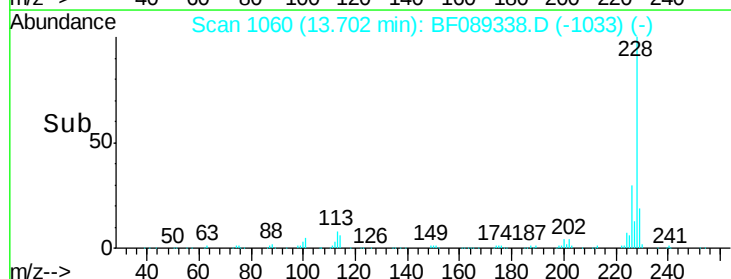
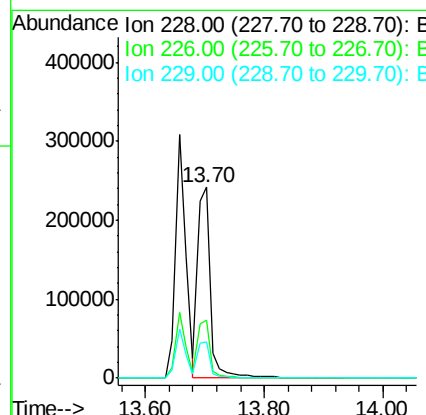
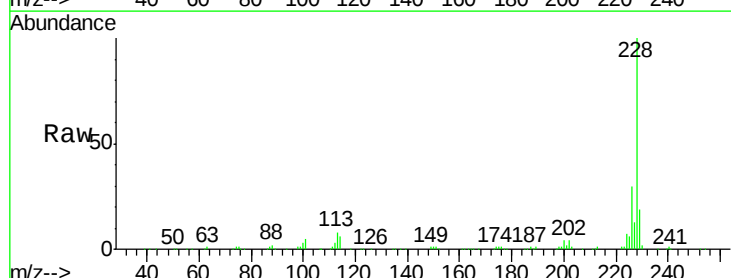
Manual Integrations

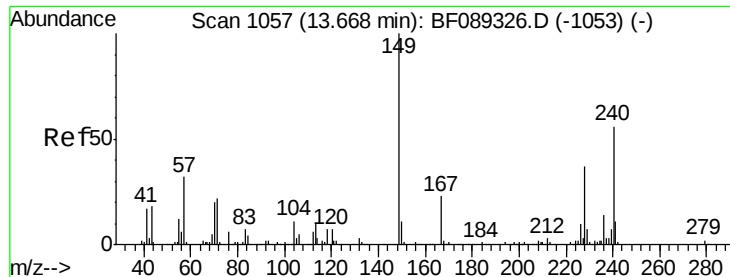
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#82
 Chrysene
 Concen: 48.74 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.3	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.60 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:149 Resp: 324412

Ion Ratio Lower Upper

149 100

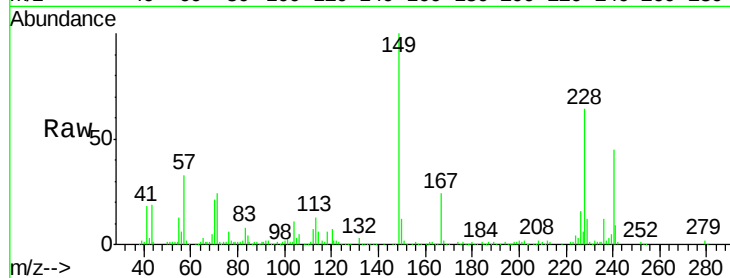
167 23.9 18.8 28.2

279 1.7 1.4 2.0

Manual Integrations

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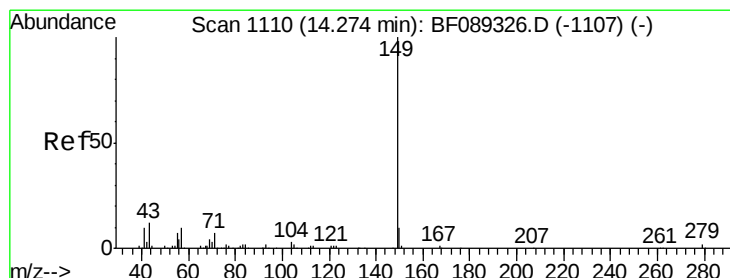
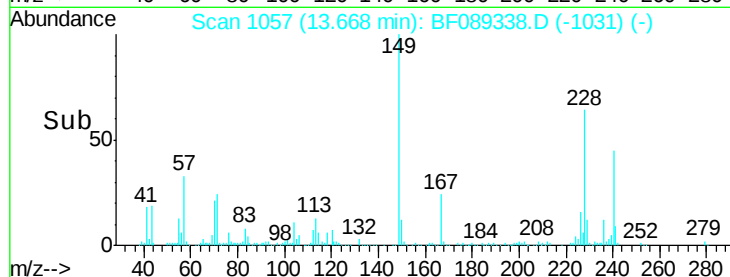
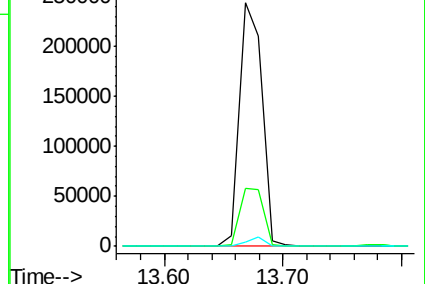
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.50 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Tgt Ion:149 Resp: 544528

Ion Ratio Lower Upper

149 100

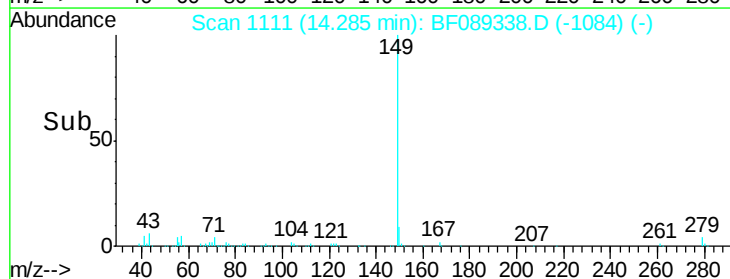
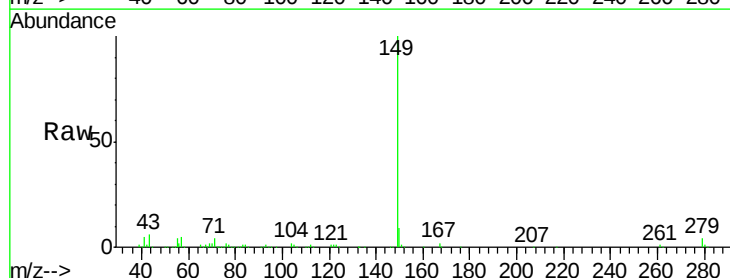
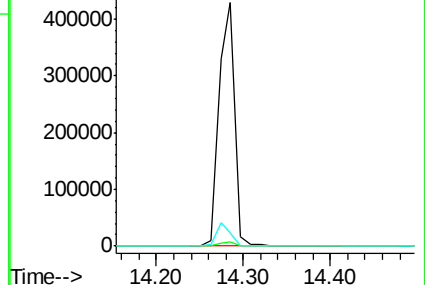
167 1.5 1.1 1.7

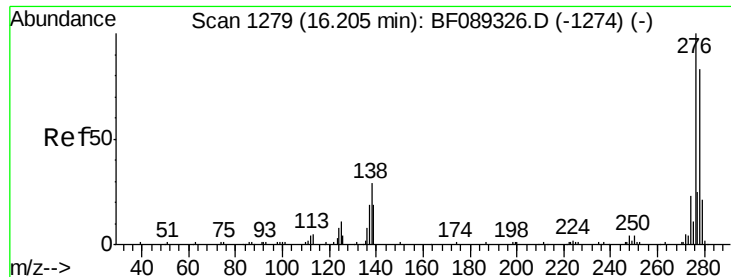
43 9.0 7.3 10.9

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: 53.40 ng

RT: 16.21 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

Tot Ion:276 Resp: 287873

Ion Ratio Lower Upper

276 100

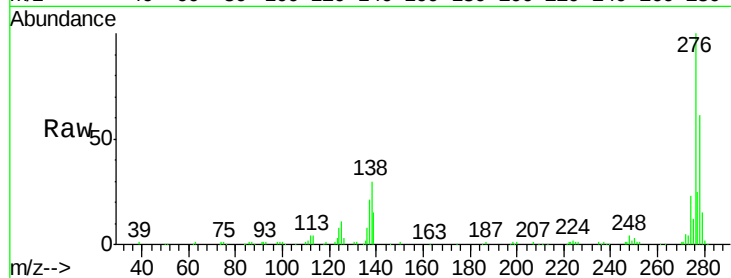
138 29.0 23.0 34.4

277 25.1 20.2 30.4

Manual Integrations

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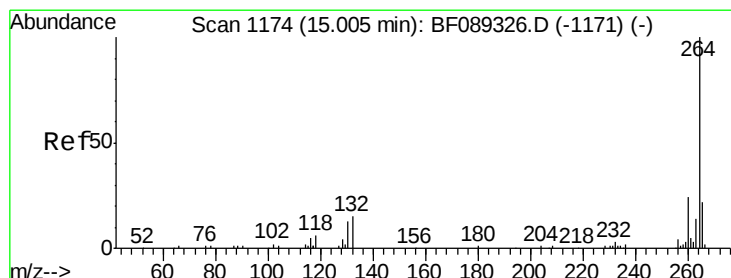
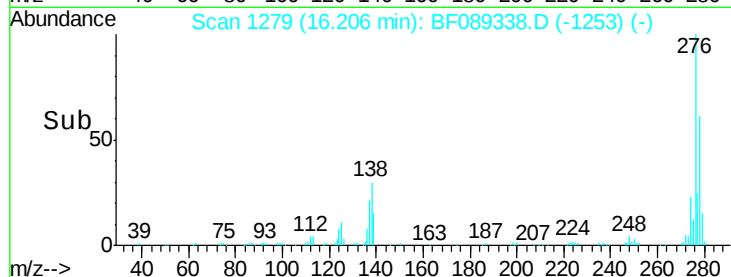
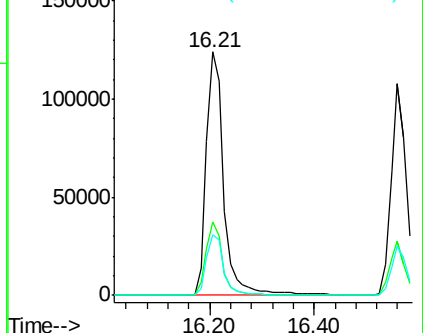
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF089338.D

Acq: 27 Jul 2016 19:48

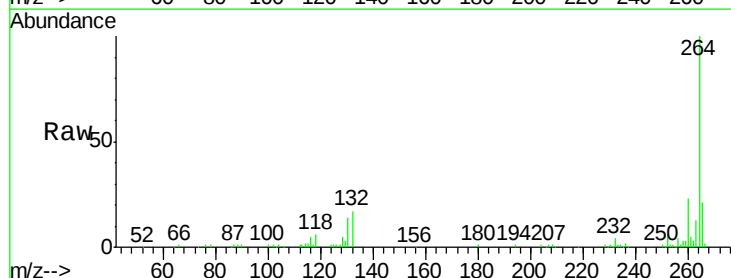
Tgt Ion:264 Resp: 103184

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

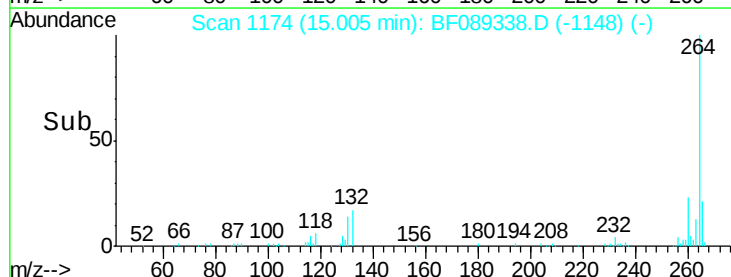
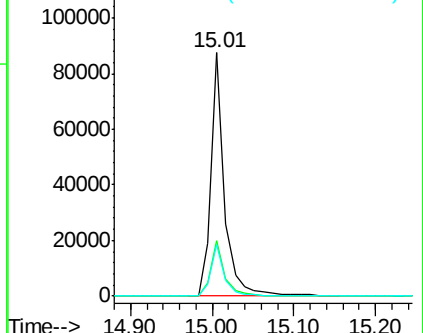
265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.77 ng m

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089338.D

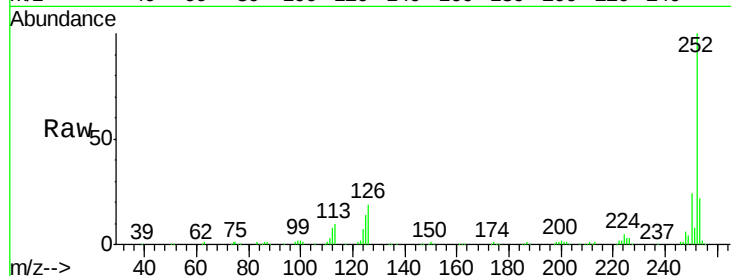
Acq: 27 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5MS

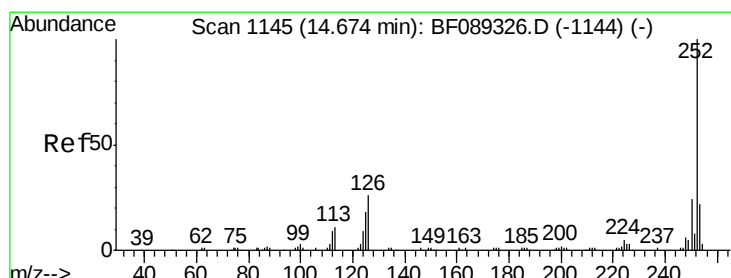
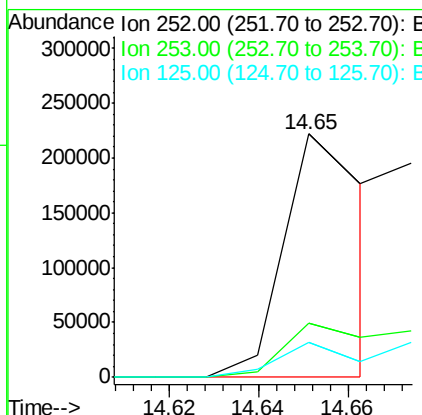
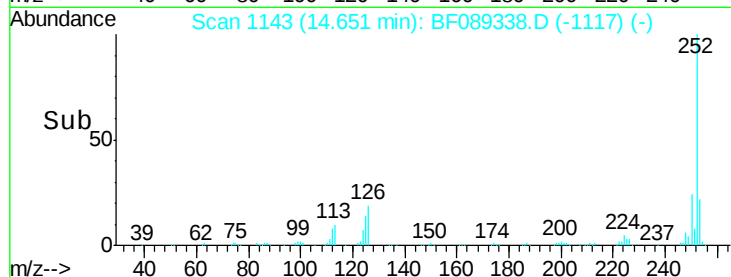


Tot Ion	252	Resp	286896
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	14.4	9.7	14.5

Manual Integrations

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#88

Benzo(k)fluoranthene

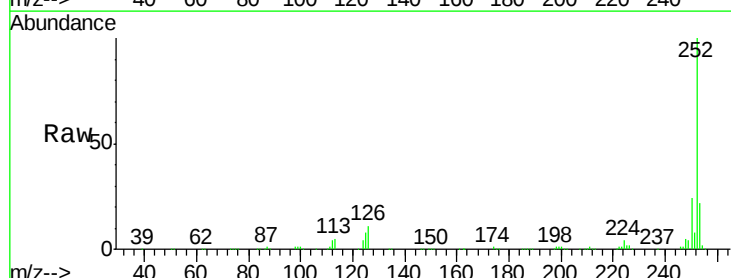
Concen: 56.89 ng m

RT: 14.69 min Scan# 1146

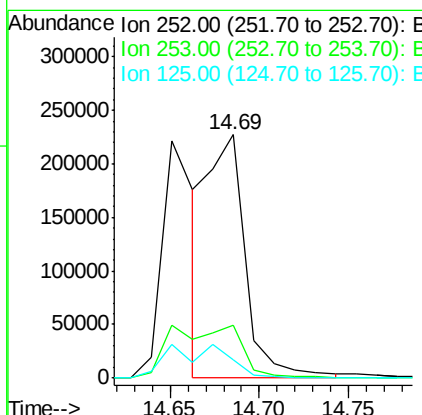
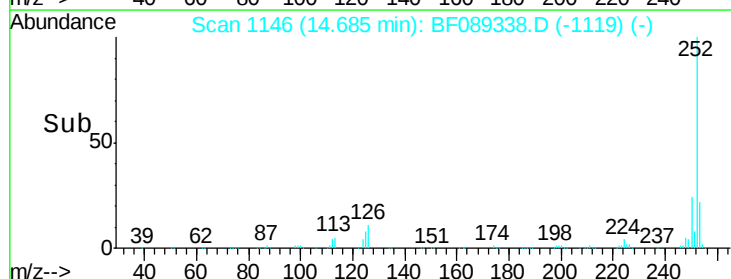
Delta R.T. 0.01 min

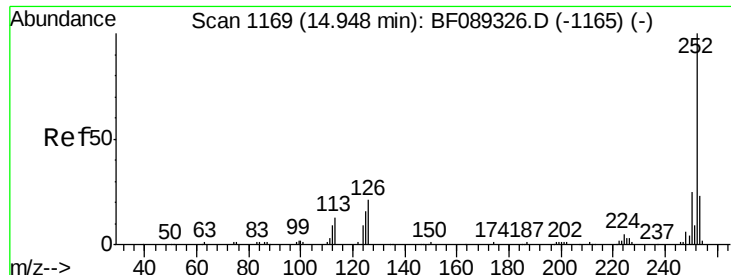
Lab File: BF089338.D

Acq: 27 Jul 2016 19:48



Tgt Ion	252	Resp	335161
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	7.5	10.7	16.1#





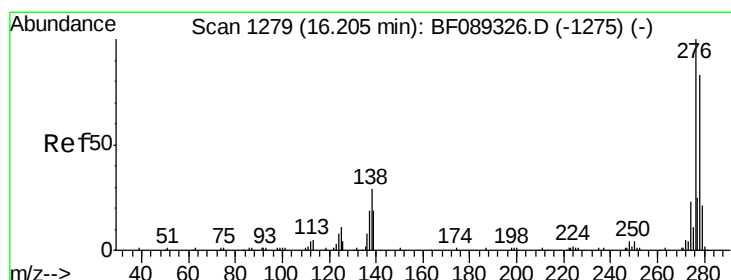
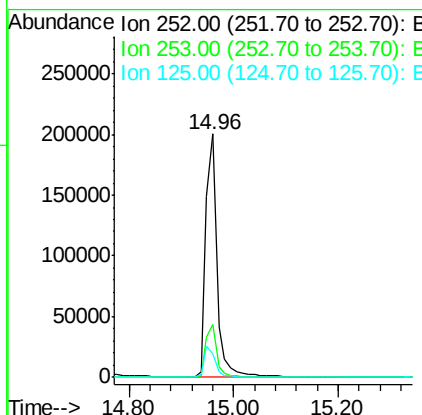
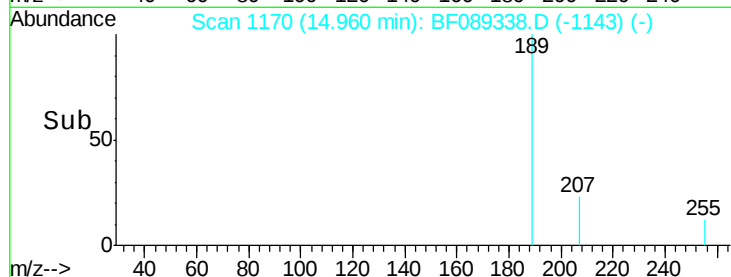
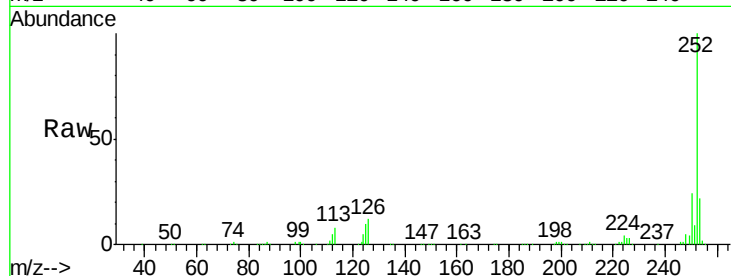
#89
Benzo(a)pyrene
Concen: 51.82 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.8	12.4	18.6

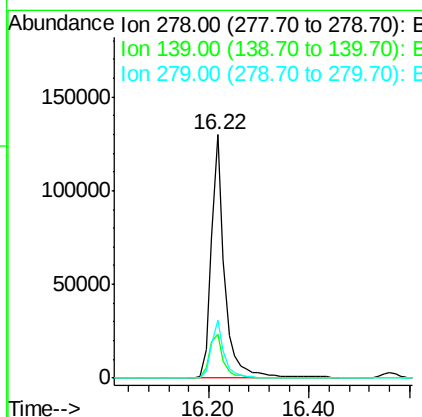
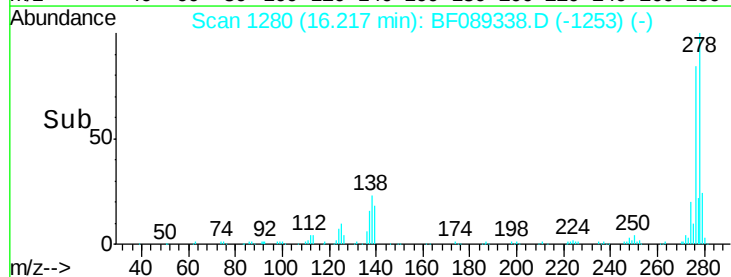
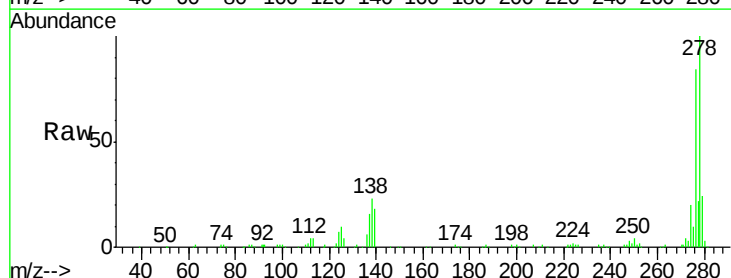
Manual Integrations

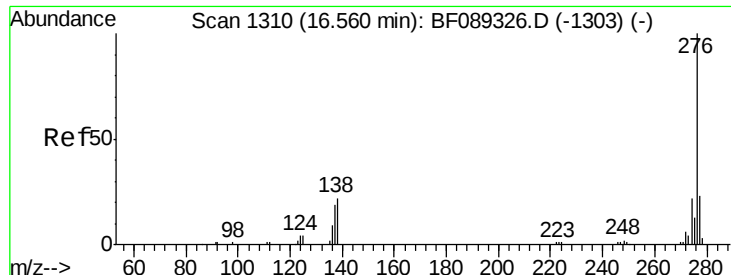
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 52.96 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089338.D
Acq: 27 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.3	24.5
279	23.6	19.1	28.7





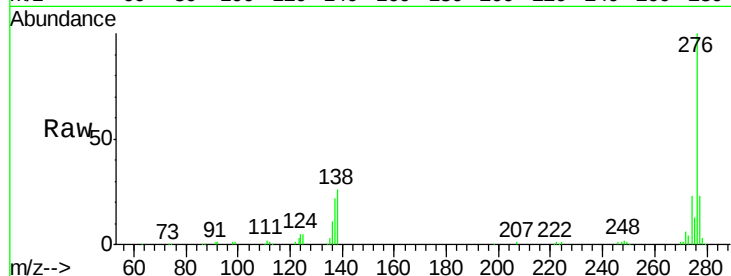
#91
 Benzo(a,h,i)perylene
 Concen: 51.98 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089338.D
 Acq: 27 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5MS

Tot Ion:	276	Resp:	231370
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	25.8	21.4	32.0

Manual Integrations

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

