

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102469.D
 Acq On : 26 Jan 2018 15:33
 Operator : SJ/JU
 Sample : J1257-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MSD

Manual Integrations
 APPROVED

Sohil
 1/27/2018 1:46:48 PM

Quant Time: Jan 26 16:56:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174083	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	671644	20.00	ng	0.01
38) Acenaphthene-d10	9.76	164	260713	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	310353	20.00	ng	0.02
75) Chrysene-d12	13.94	240	128053	20.00	ng	0.06
86) Perylene-d12	15.40	264	143302	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1277293	111.25	ng	0.02
7) Phenol-d6	6.38	99	1494227	107.95	ng	0.02
23) Nitrobenzene-d5	7.30	82	915807	78.36	ng	0.01
41) 2,4,6-Tribromophenol	10.56	330	199300	77.15	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	1382851	77.99	ng	0.00
78) Terphenyl-d14	12.86	244	676602	119.12	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	191611	35.126	ng	96
3) Pyridine	3.10	79	572293	40.145	ng	98
4) n-Nitrosodimethylamine	3.06	42	289625	51.823	ng	97
6) Aniline	6.42	93	491782	26.862	ng	97
8) 2-Chlorophenol	6.52	128	521197	43.306	ng	99
9) Benzaldehyde	6.27	77	277442	34.477	ng	# 87
10) Phenol	6.40	94	684084	45.270	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	520000	45.245	ng	99
12) 1,3-Dichlorobenzene	6.66	146	551116	38.503	ng	99
13) 1,4-Dichlorobenzene	6.74	146	554648	38.684	ng	99
14) 1,2-Dichlorobenzene	6.89	146	506425	38.614	ng	99
15) Benzyl Alcohol	6.88	79	388251	39.755	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	760287	39.442	ng	60
17) 2-Methylphenol	7.00	107	411512	39.370	ng	# 89
18) Hexachloroethane	7.23	117	143625	28.746	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	358898	42.370	ng	99
20) 3+4-Methylphenols	7.15	107	525006	42.707	ng	95
22) Acetophenone	7.14	105	731341	45.678	ng	98
24) Nitrobenzene	7.32	77	499922	41.797	ng	97
25) Isophorone	7.55	82	951697	45.676	ng	99
26) 2-Nitrophenol	7.63	139	71779	11.403	ng	93
27) 2,4-Dimethylphenol	7.67	122	449551	49.181	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	618141	48.026	ng	97
29) 2,4-Dichlorophenol	7.87	162	417108	44.798	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	389421	39.017	ng	99
31) Naphthalene	8.03	128	1547518	46.148	ng	99
32) Benzoic acid	7.77	122	18029	2.354	ng	# 58
33) 4-Chloroaniline	8.09	127	387415	27.473	ng	99
34) Hexachlorobutadiene	8.14	225	202571	38.000	ng	98
35) Caprolactam	8.47	113	122766	39.923	ng	# 89
36) 4-Chloro-3-methylphenol	8.58	107	401654	40.925	ng	98
37) 2-Methylnaphthalene	8.72	142	965404	43.228	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	335270	42.743	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	219553	41.813	ng	98

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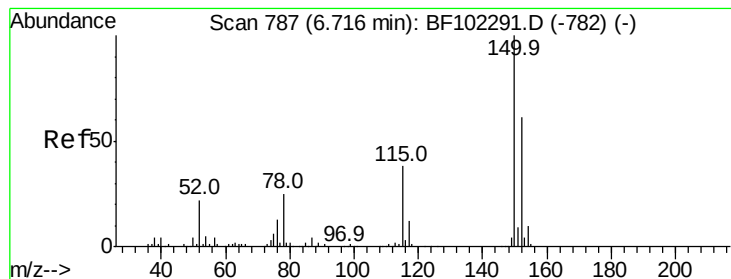
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	224564	37.984	nq	98
45) 1,1'-Biphenyl	9.19	154	999109	42.858	nq	99
46) 2-Chloronaphthalene	9.21	162	736681	40.655	nq	99
47) 2-Nitroaniline	9.32	65	280510	49.655	nq	95
48) Acenaphthylene	9.63	152	1200166	42.514	nq	99
49) Dimethylphthalate	9.49	163	1113231	51.659	nq	100
50) 2,6-Dinitrotoluene	9.56	165	104632	22.520	nq	87
51) Acenaphthene	9.80	154	743434	45.092	nq	99
52) 3-Nitroaniline	9.73	138	243225	44.253	nq	97
53) 2,4-Dinitrophenol	9.84	184	106	3.744	nq	# 1
54) Dibenzofuran	9.97	168	1062587	47.621	nq	97
55) 4-Nitrophenol	9.91	139	202946	55.938	nq	95
56) 2,4-Dinitrotoluene	9.96	165	95284	16.677	nq	# 77
57) Fluorene	10.32	166	870011	49.206	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	144199	34.161	nq	# 97
59) Diethylphthalate	10.19	149	805305	38.456	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	291388	38.012	nq	97
61) 4-Nitroaniline	10.35	138	233180	42.516	nq	93
62) Azobenzene	10.46	77	718468	37.474	nq	95
65) n-Nitrosodiphenylamine	10.43	169	619130	54.352	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	168232	50.355	nq	99
67) Hexachlorobenzene	10.87	284	153021	40.954	nq	96
68) Atrazine	10.97	200	162437	48.282	nq	93
69) Pentachlorophenol	11.07	266	125823	64.103	nq	99
70) Phenanthrene	11.29	178	2325022	128.561	nq	99
71) Anthracene	11.34	178	1368231	74.122	nq	99
72) Carbazole	11.49	167	849062	47.148	nq	96
73) Di-n-butylphthalate	11.82	149	894203	39.725	nq	99
74) Fluoranthene	12.50	202	2682048	145.429	nq	98
77) Pyrene	12.73	202	2284352	230.729	nq	97
79) Butylbenzylphthalate	13.33	149	260199	52.810	nq	96
80) Benzo(a)anthracene	13.93	228	1324671	168.024	nq	95
81) 3,3'-Dichlorobenzidine	13.89	252	55440	19.170	nq	# 87
82) Chrysene	13.97	228	965913	120.649	nq	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	431187	65.120	nq	# 97
84) Di-n-octyl phthalate	14.51	149	503446	46.753	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.84	276	968197	146.434	nq	94
87) Benzo(b)fluoranthene	14.99	252	1467886m	158.039	nq	
88) Benzo(k)fluoranthene	15.01	252	382152m	43.549	nq	
89) Benzo(a)pyrene	15.35	252	1010127m	120.585	nq	
90) Dibenzo(a,h)anthracene	16.84	278	474570	69.937	nq	# 92
91) Benzo(g,h,i)perylene	17.27	276	875390	130.653	nq	96

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



#1

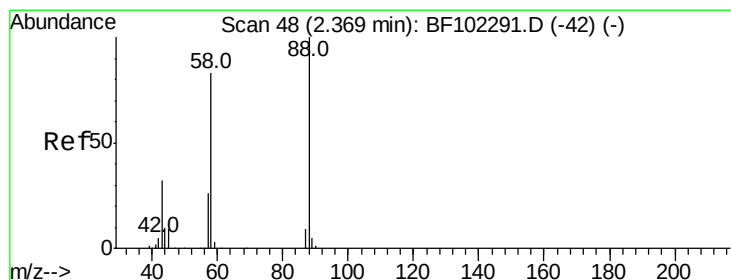
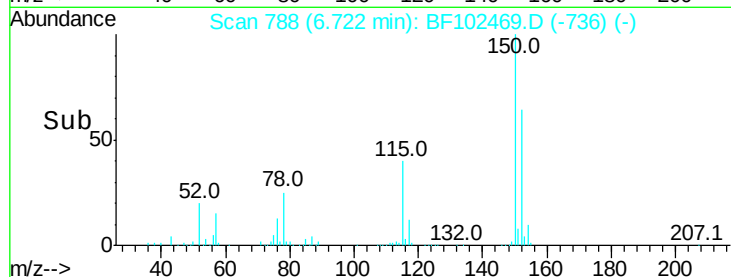
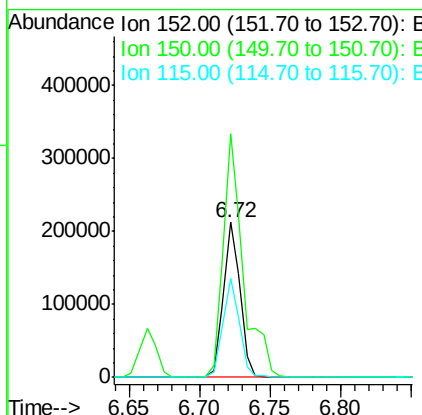
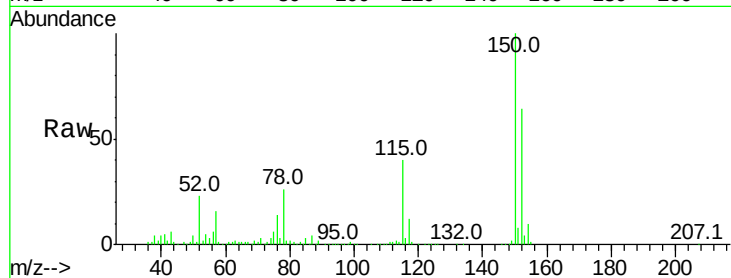
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	63.7	50.1	75.1

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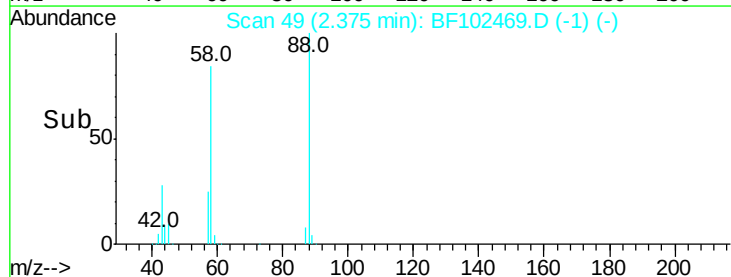
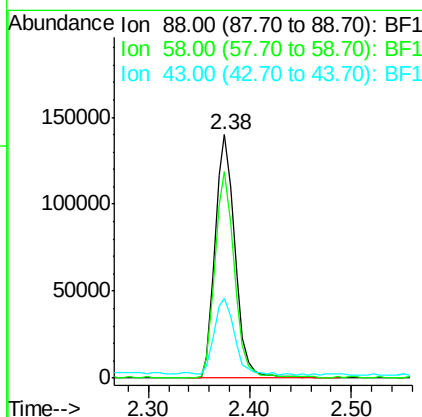
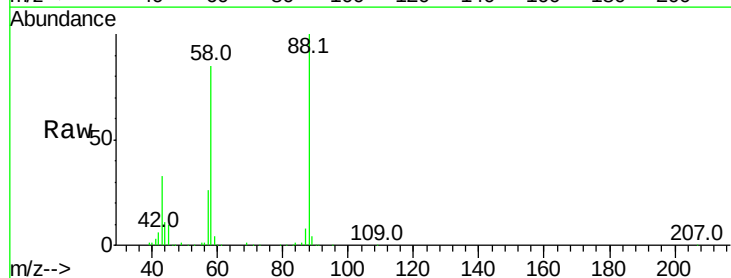
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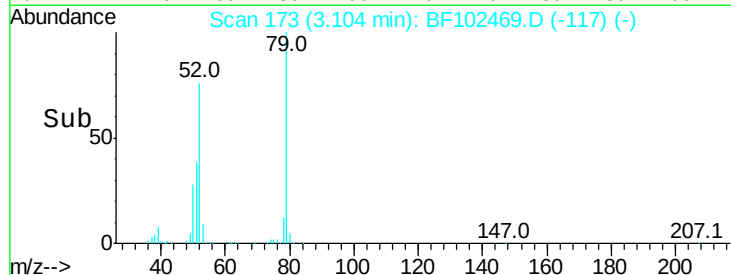
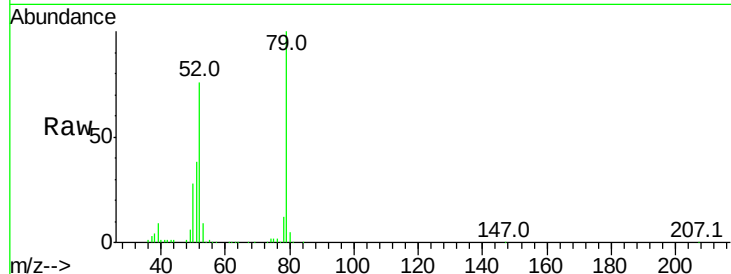
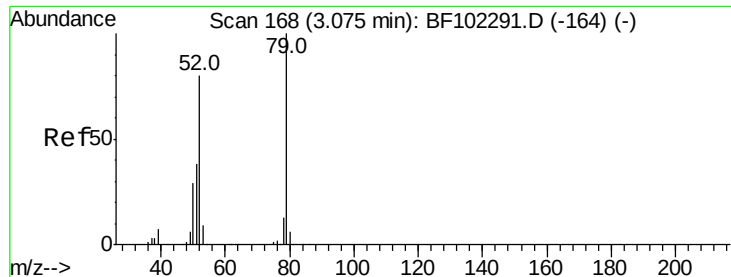


#2

1,4-Dioxane
Concen: 35.126 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	62.6	93.8
43	32.7	24.6	37.0





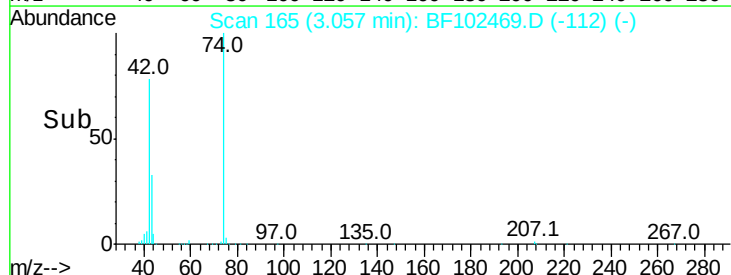
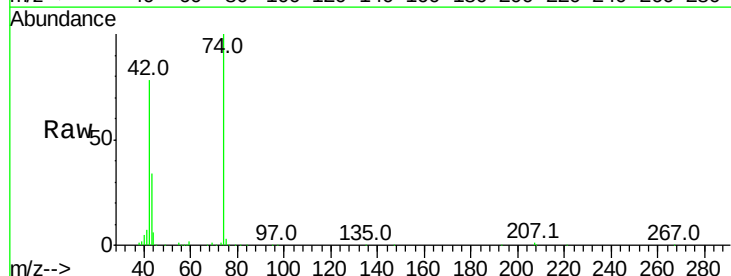
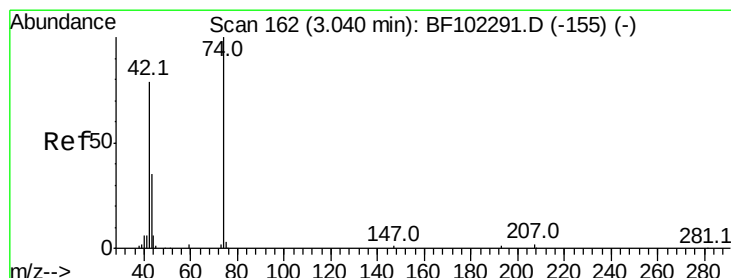
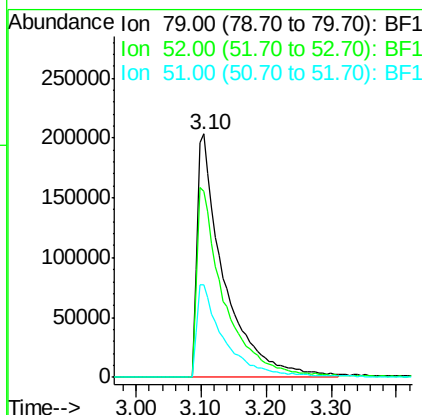
#3
Pvridine
Concen: 40.145 ng
RT: 3.10 min Scan# 173
Delta R.T. 0.03 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.4	59.8	89.6
51	38.0	29.8	44.8

Instrument :
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ClientSampleId :
WC-11(0-5)MSD

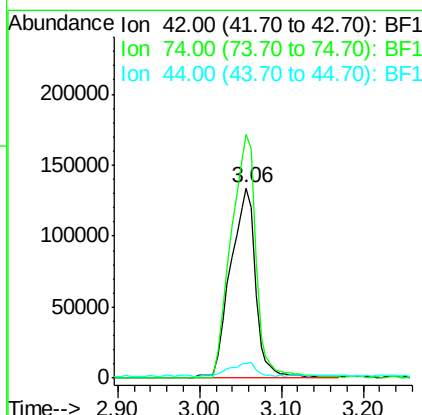
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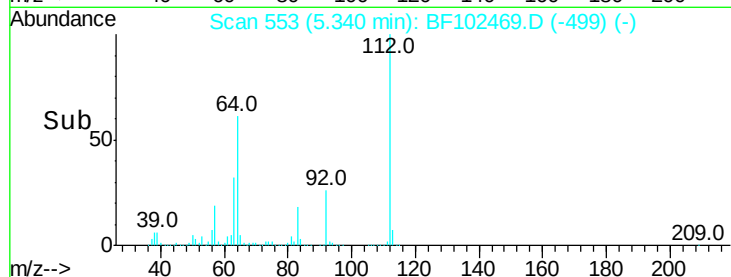
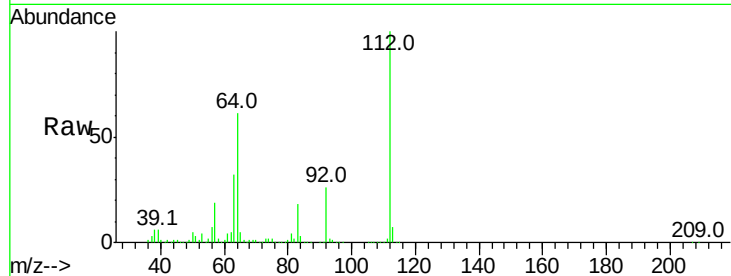
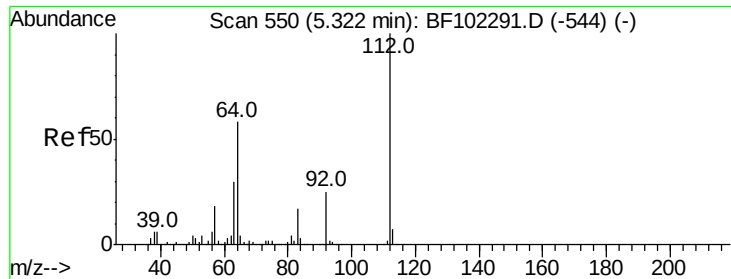
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#4
n-Nitrosodimethylamine
Concen: 51.823 ng
RT: 3.06 min Scan# 165
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.0	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 111.252 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tot Ion: 112 Resp: 1277293

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

63 31.7 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

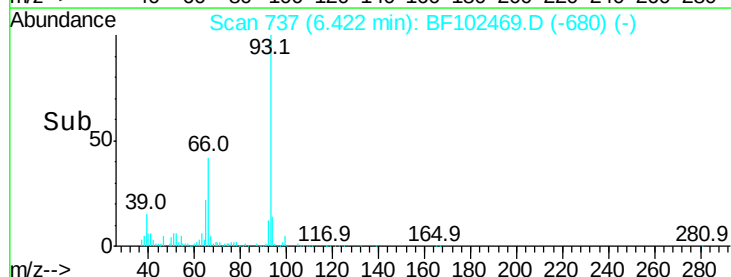
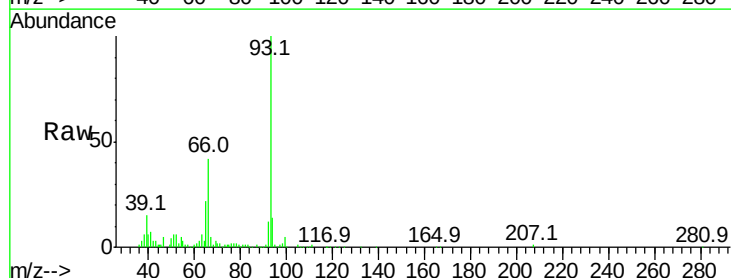
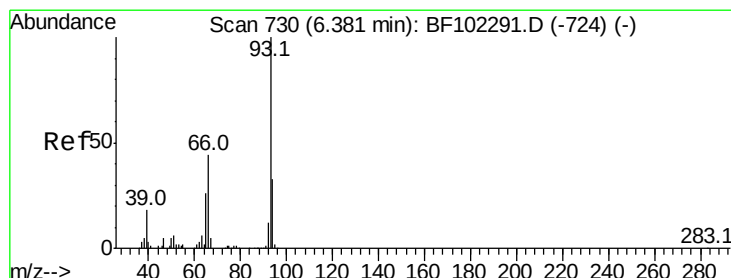
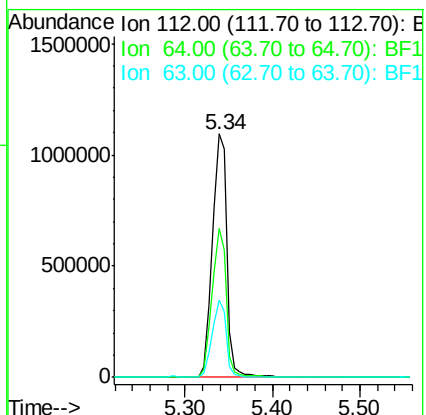
WC-11(0-5)MSD

Manual Integrations

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#6

Aniline

Concen: 26.862 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.04 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

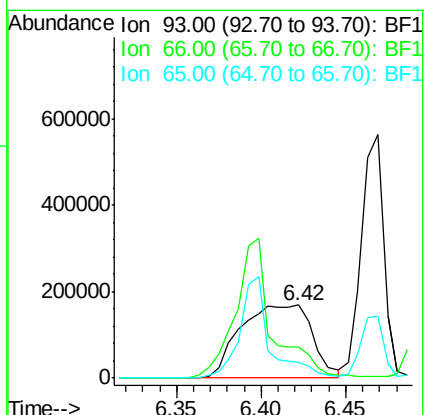
Tgt Ion: 93 Resp: 491782

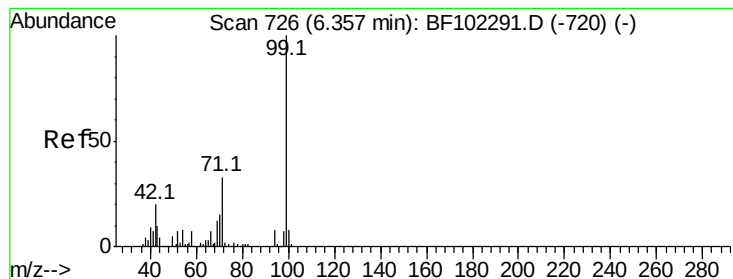
Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 107.953 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

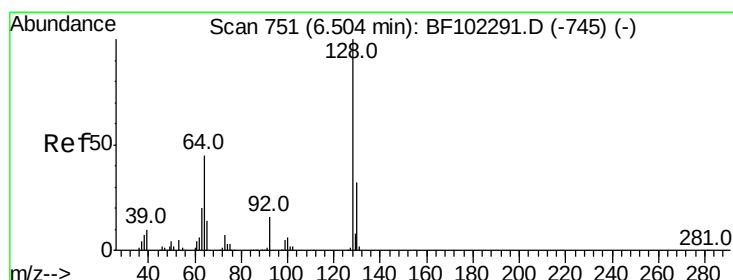
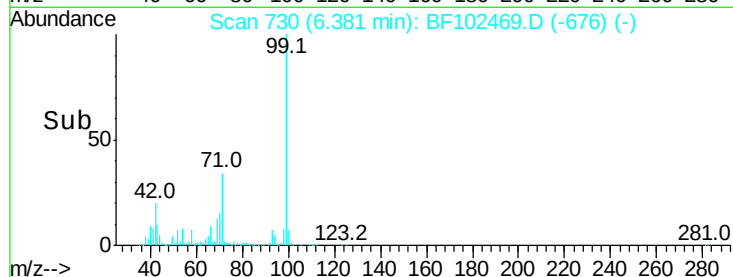
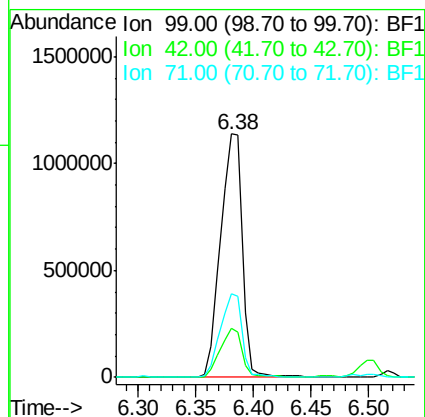
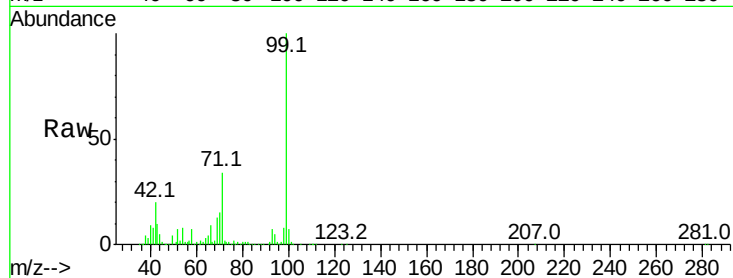
ClientSampleId :

WC-11(0-5)MSD

Tot Ion	99	Resp	1494227
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.306 ng

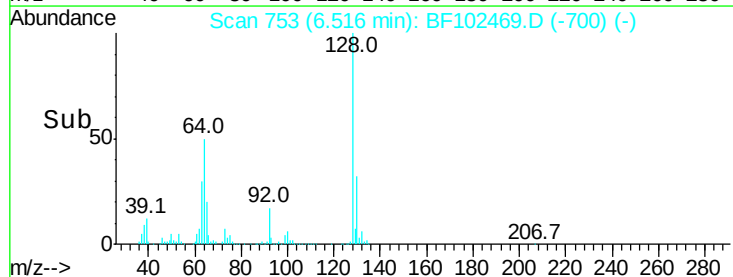
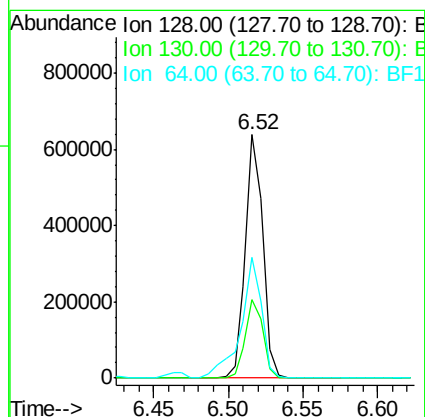
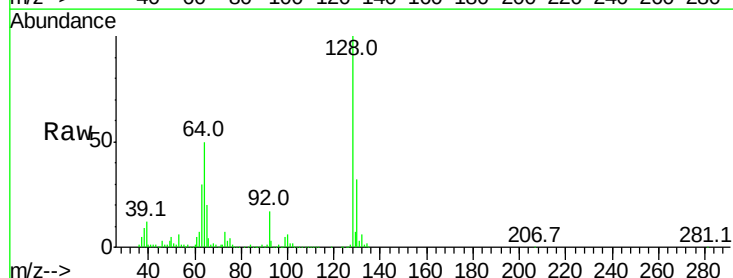
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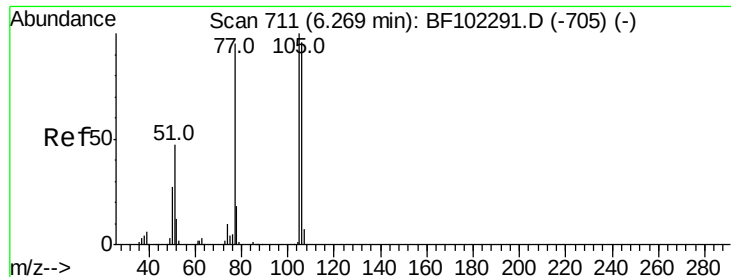
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion	128	Resp	521197
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	49.7	29.4	69.4





#9

Benzaldehyde

Concen: 34.477 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion: 77 Resp: 277442

Ion Ratio Lower Upper

77 100

105 124.9 81.1 121.1#

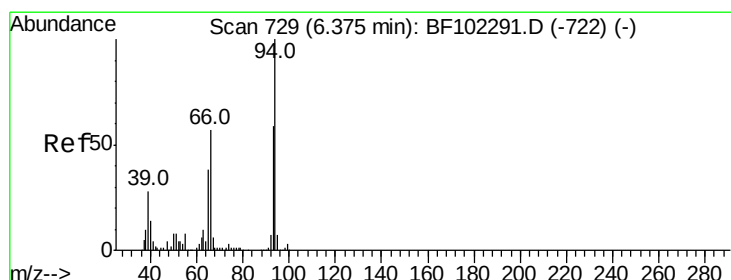
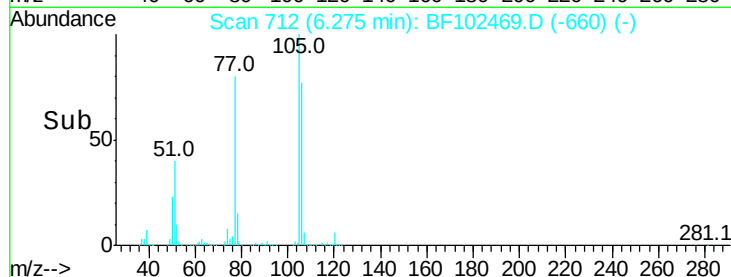
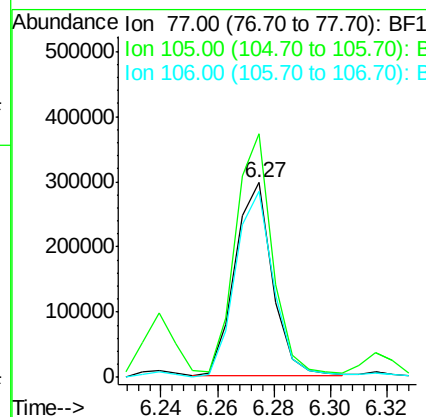
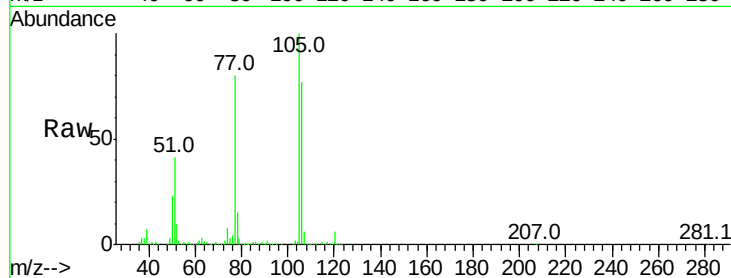
106 95.7 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 45.270 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

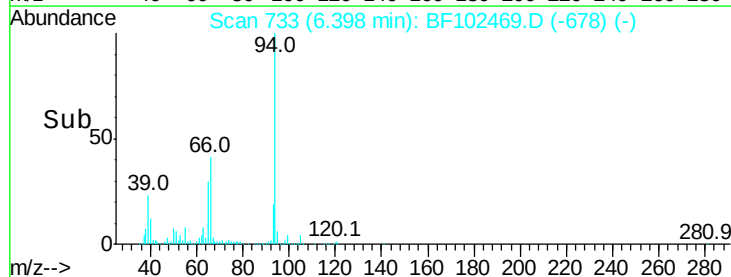
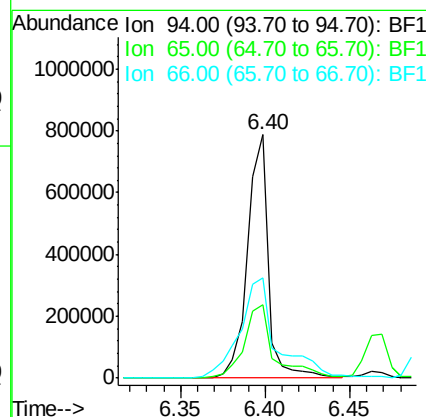
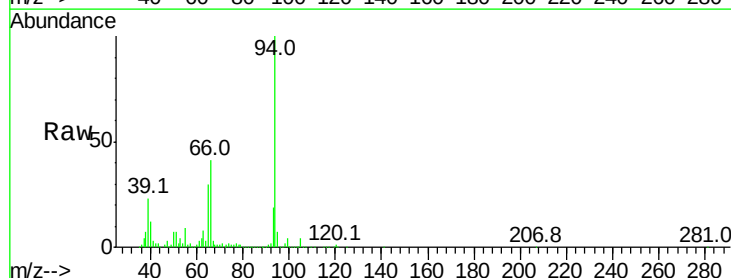
Tgt Ion: 94 Resp: 684084

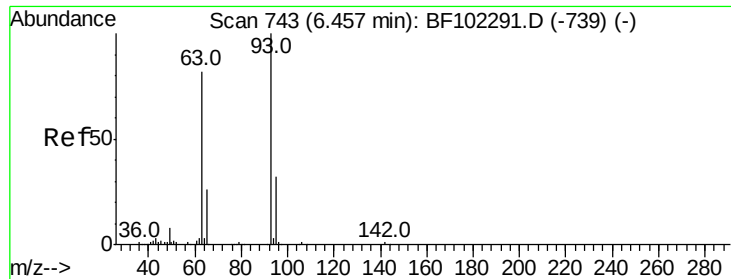
Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

66 41.2 16.2 56.2





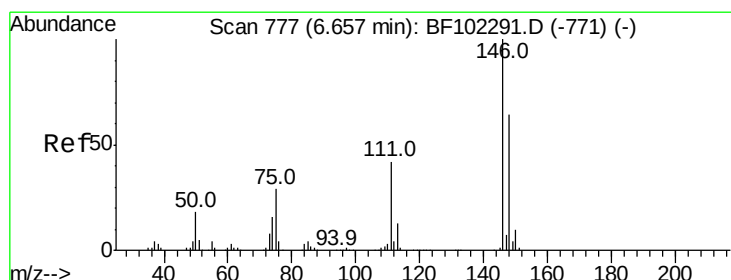
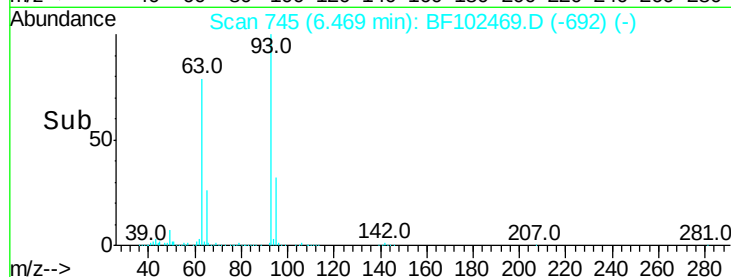
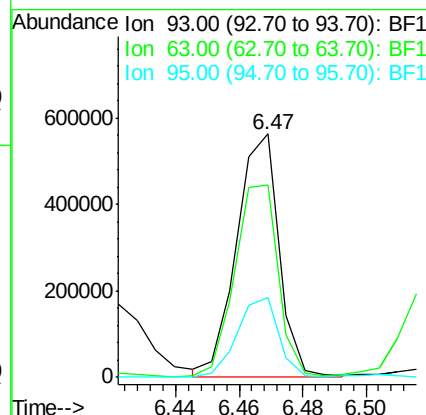
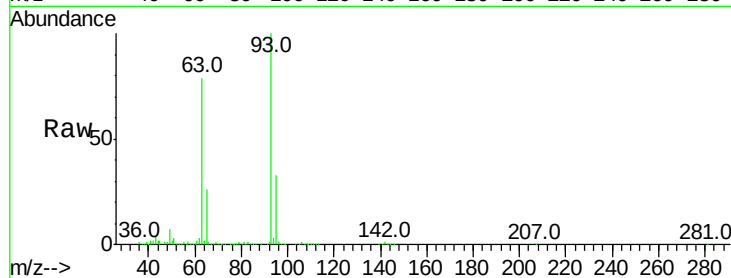
#11
bis(2-Chloroethyl)ether
Concen: 45.245 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.6	98.6
95	32.6	11.8	51.8

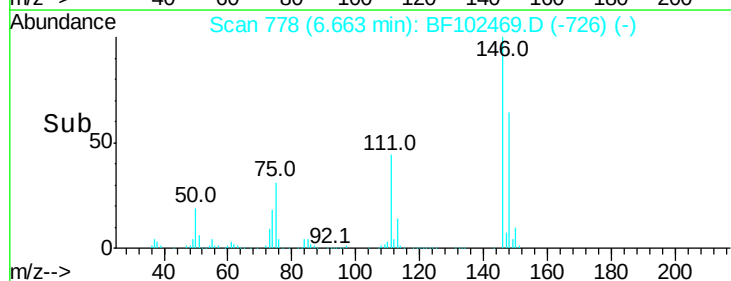
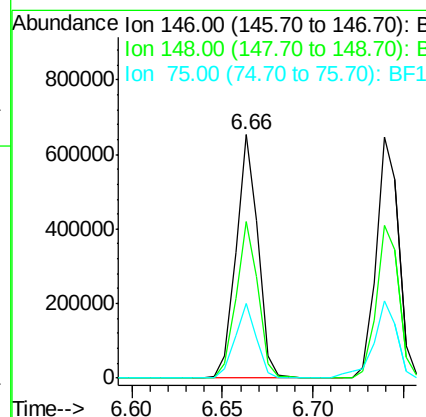
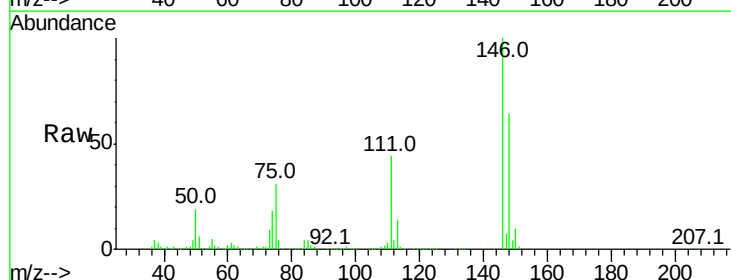
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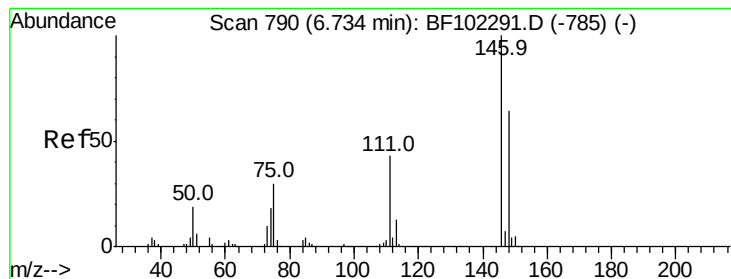
Sohil
1/27/2018 1:46:48 PM



#12
1,3-Dichlorobenzene
Concen: 38.503 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	30.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.684 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

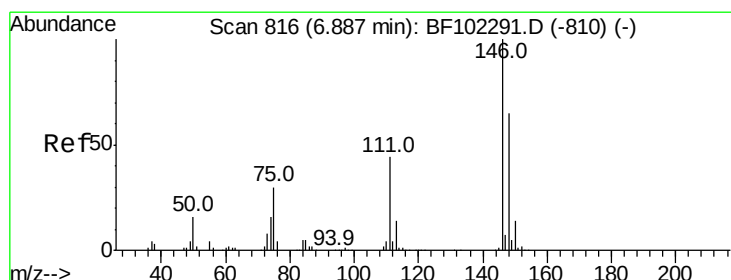
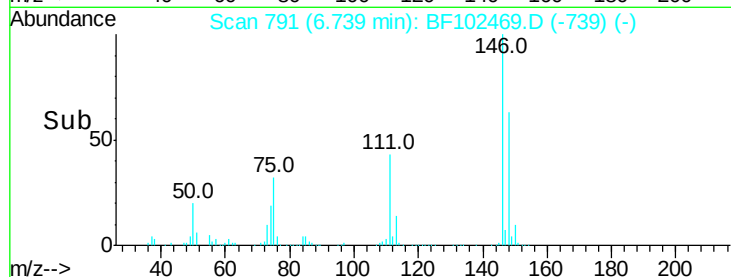
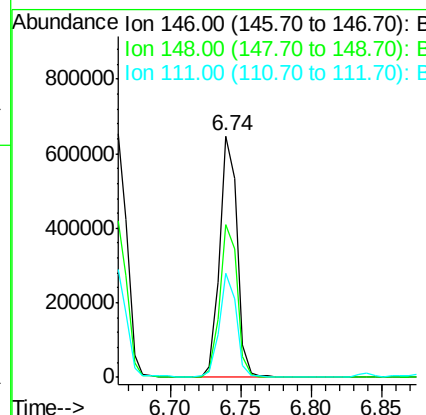
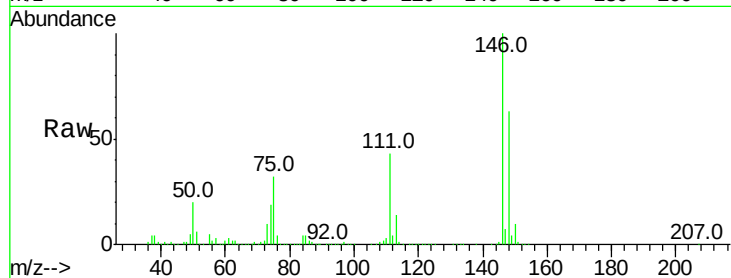
ClientSampleId :

WC-11(0-5)MSD

Tot Ion:	146	Resp:	554648
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	43.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 38.614 ng

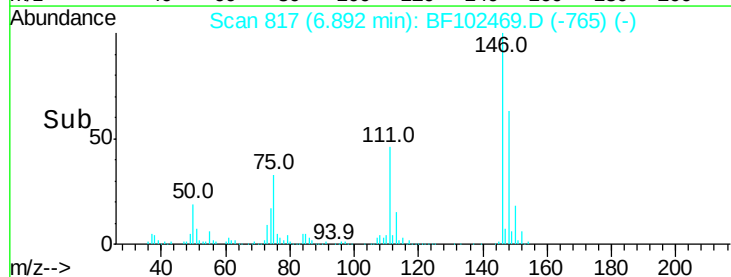
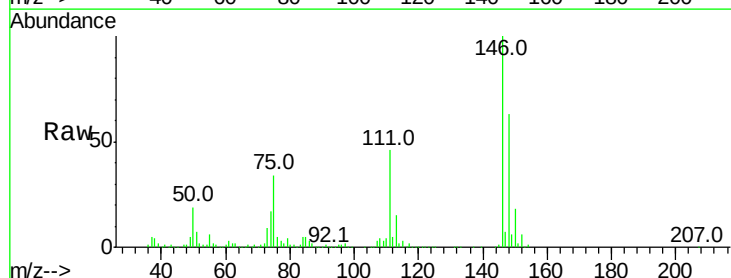
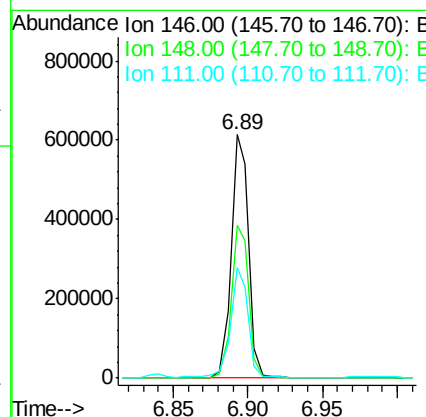
RT: 6.89 min Scan# 817

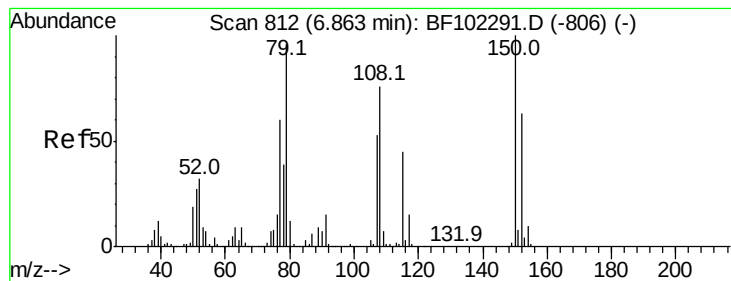
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:	146	Resp:	506425
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.6	75.8
111	45.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.755 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampled :

WC-11(0-5)MSD

Tot Ion: 79 Resp: 388251

Ion Ratio Lower Upper

79 100

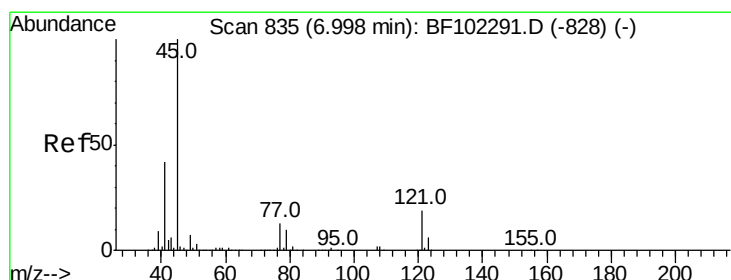
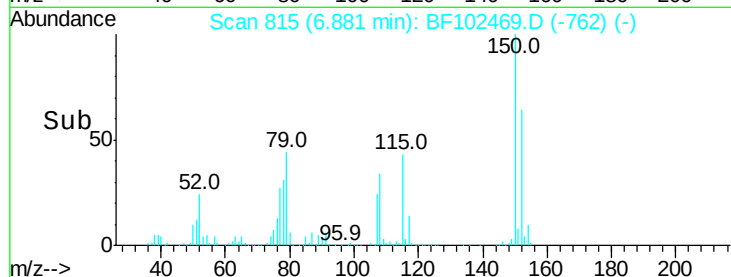
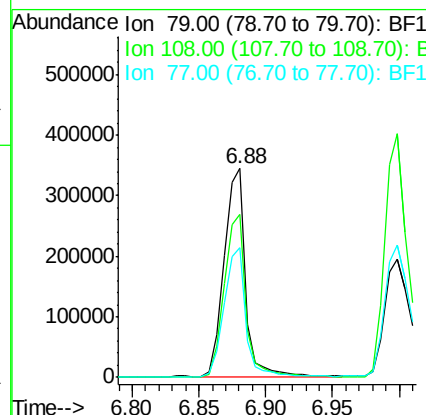
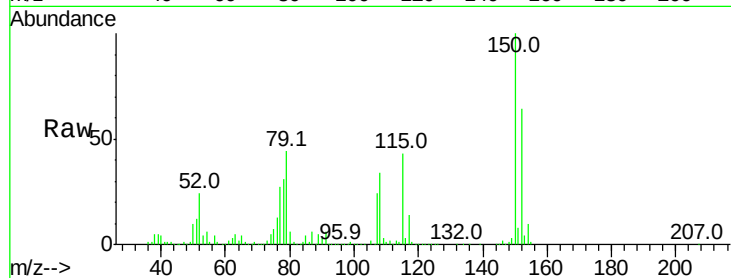
108 78.2 65.1 97.7

77 62.0 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.442 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

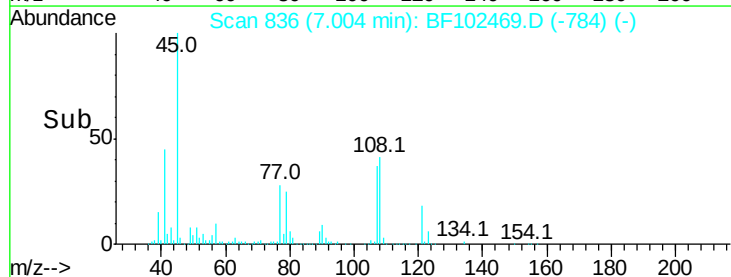
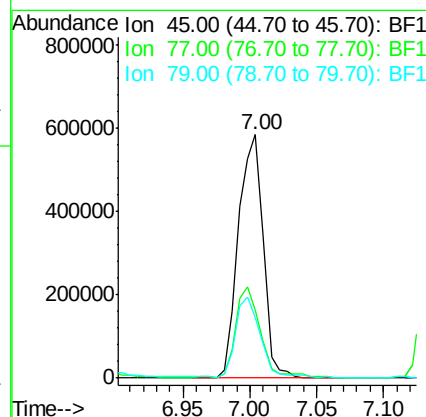
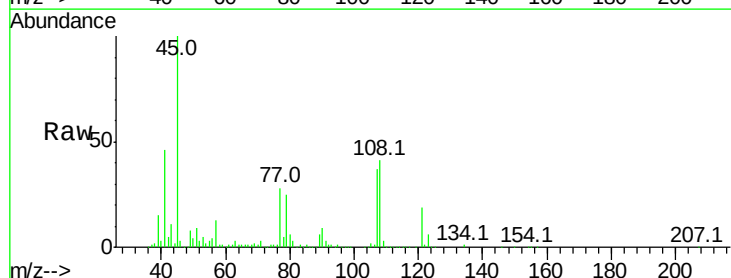
Tgt Ion: 45 Resp: 760287

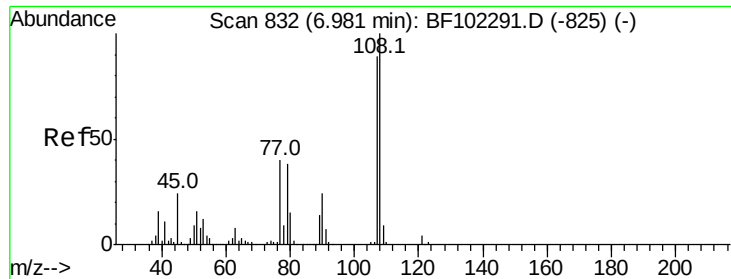
Ion Ratio Lower Upper

45 100

77 27.9 0.0 32.9

79 25.1 0.0 29.6





#17

2-Methylphenol

Concen: 39.370 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

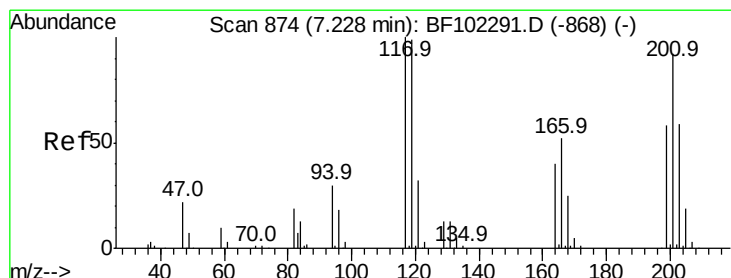
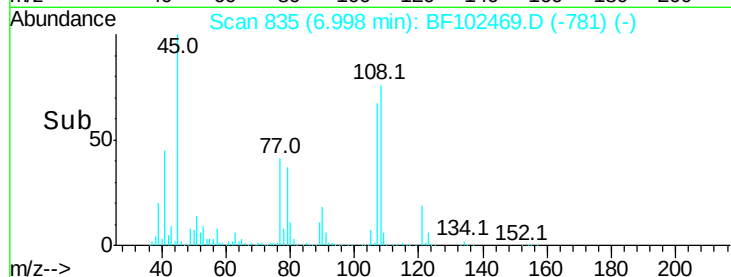
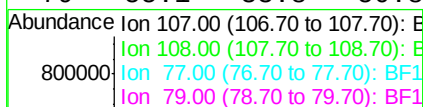
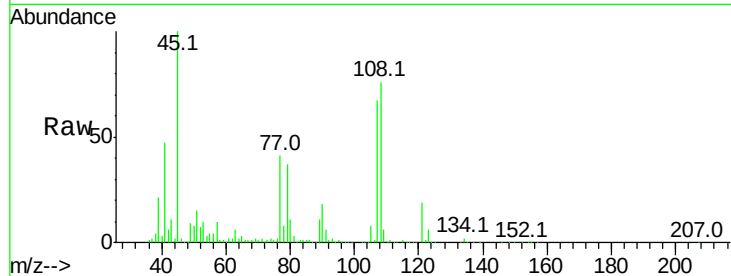
ClientSampleId :

WC-11(0-5)MSD

Tot Ion:	107	Resp:	411512
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.7	137.5
77	61.5	33.8	50.8#
79	55.1	33.8	50.8#

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#18

Hexachloroethane

Concen: 28.746 ng

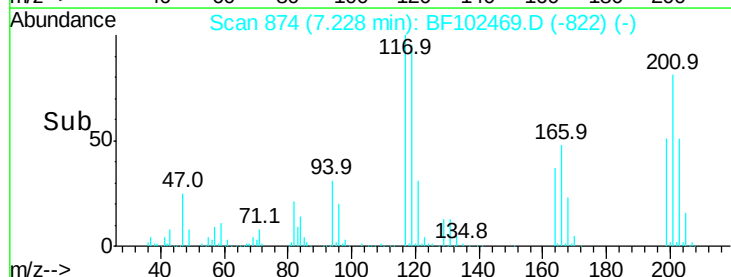
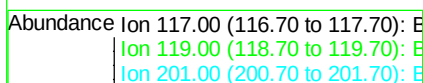
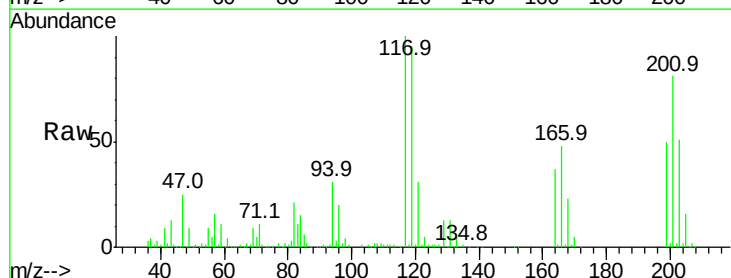
RT: 7.23 min Scan# 874

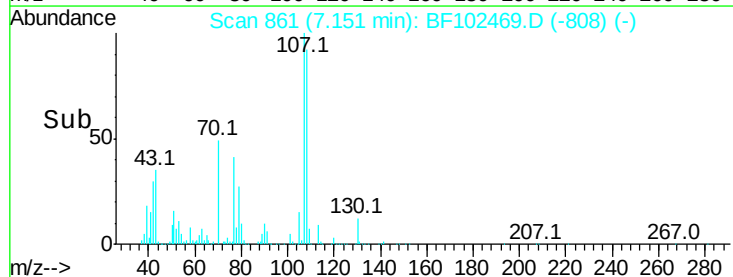
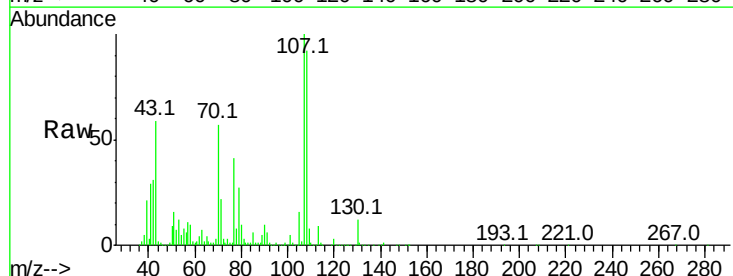
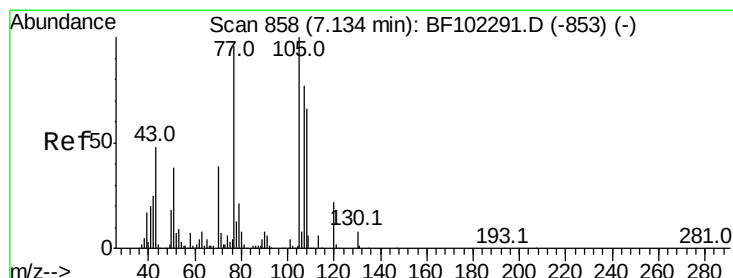
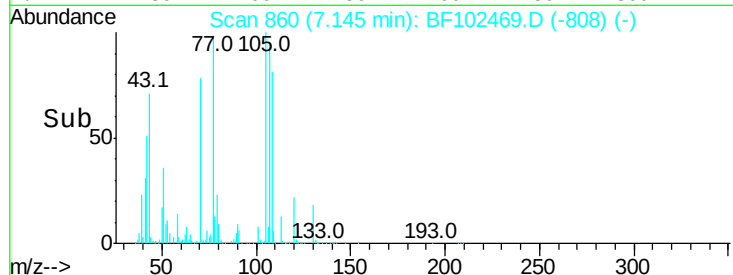
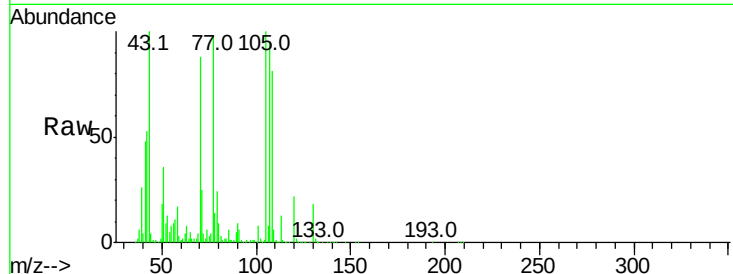
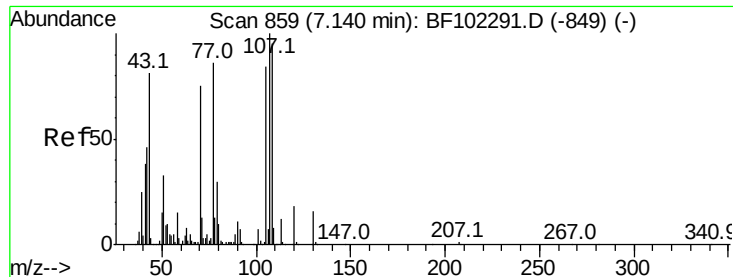
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:	117	Resp:	143625
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.8	113.8
201	80.6	75.7	113.5





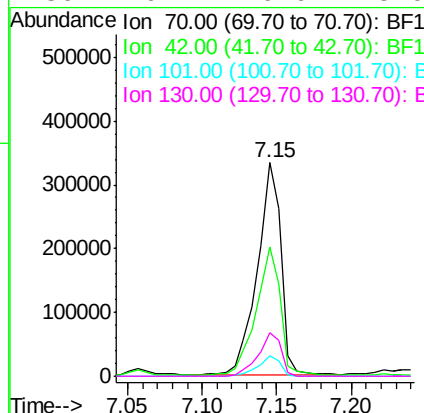
#19
n-Nitroso-di-n-propylamine
Concen: 42.370 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.5	71.3
101	9.5	7.4	11.2
130	20.1	16.6	25.0

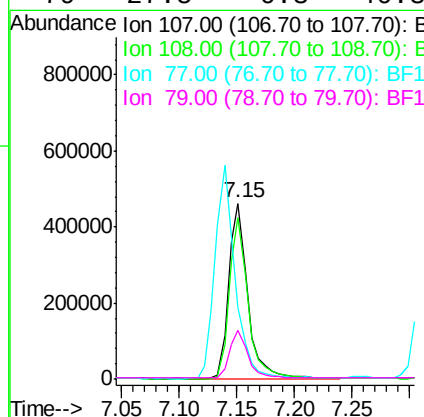
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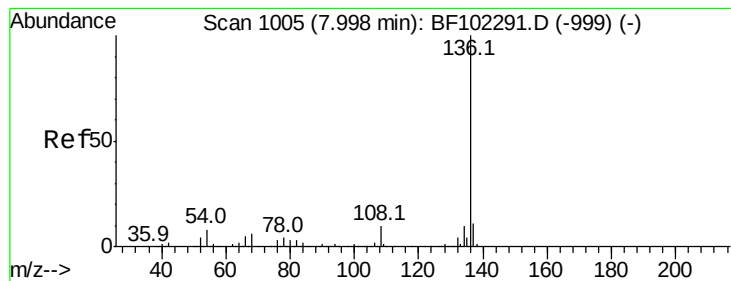
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#20
3+4-Methylphenols
Concen: 42.707 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	41.0	26.7	66.7
79	27.5	6.3	46.3





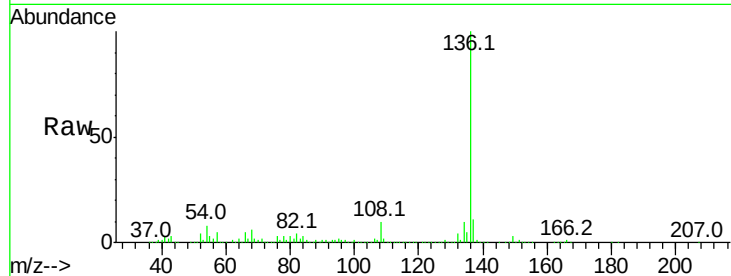
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

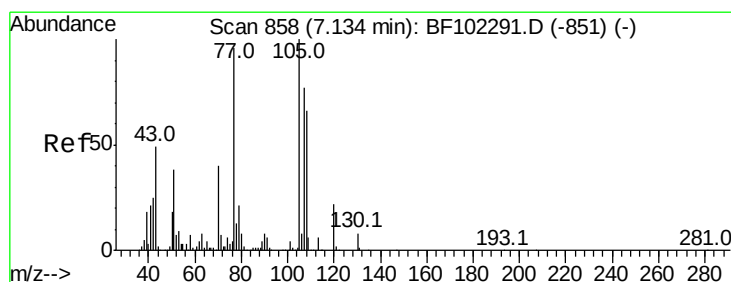
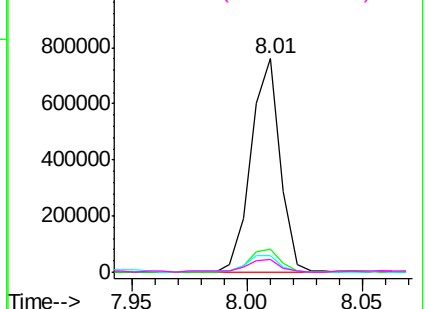
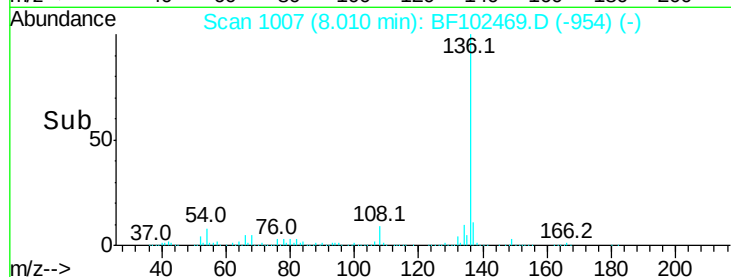
Tot Ion	Ratio	Resp	Lower	Upper
136	100	671644		
137	11.0	8.9	13.3	
54	7.9	6.6	9.8	
68	5.7	5.0	7.4	

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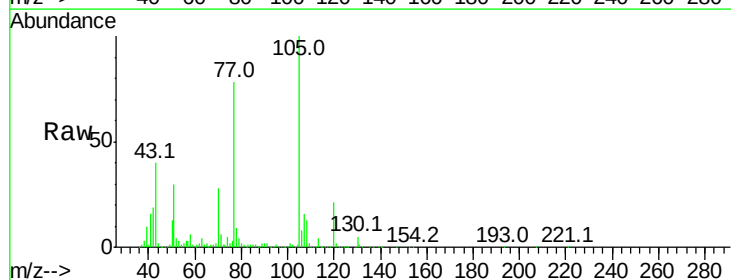


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

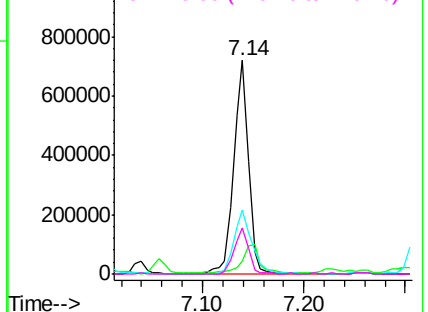
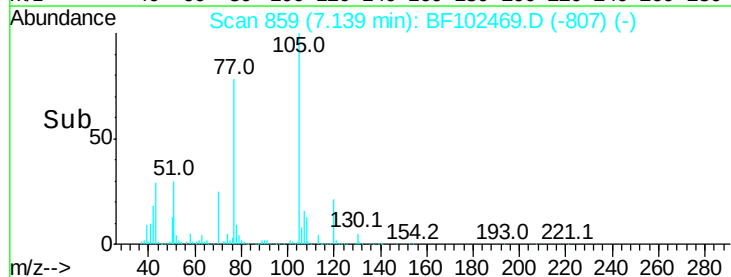


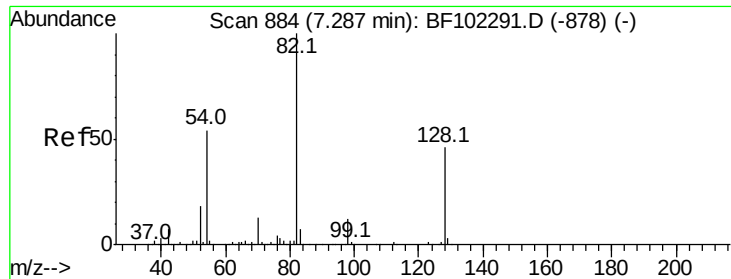
#22
Acetophenone
Concen: 45.678 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	731341		
71	6.2	4.4	6.6	
51	29.8	22.3	33.5	
120	21.5	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





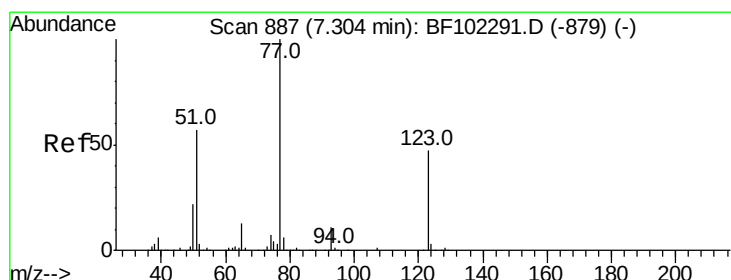
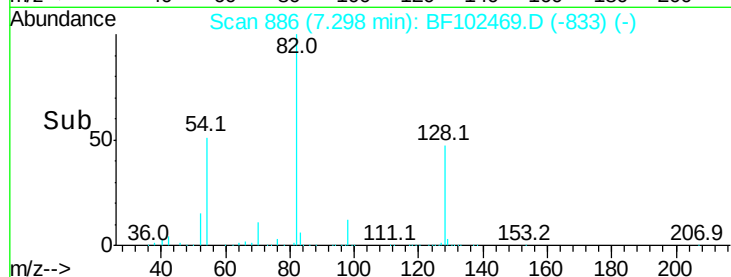
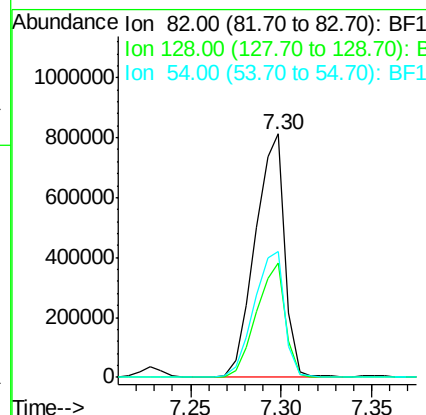
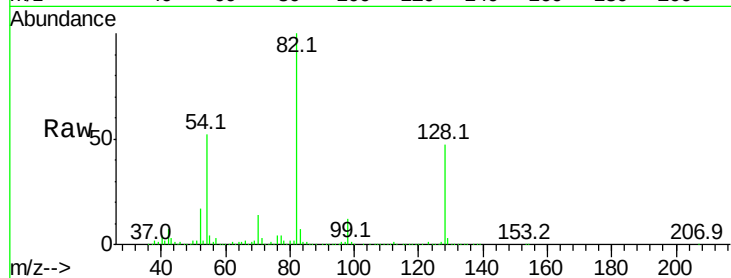
#23
Nitrobenzene-d5
Concen: 78.358 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampled :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	51.6	41.4	62.2

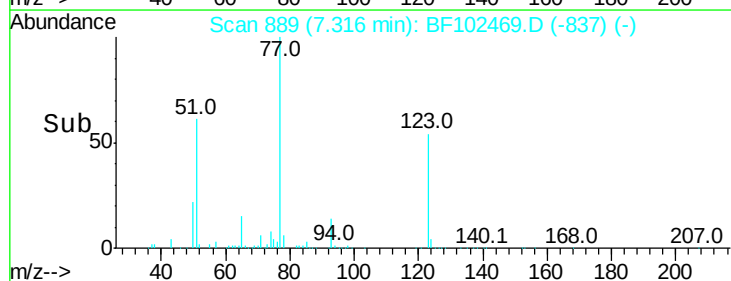
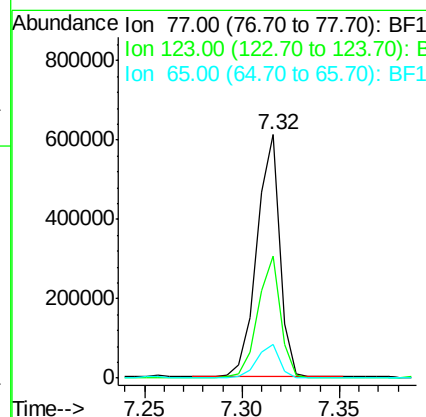
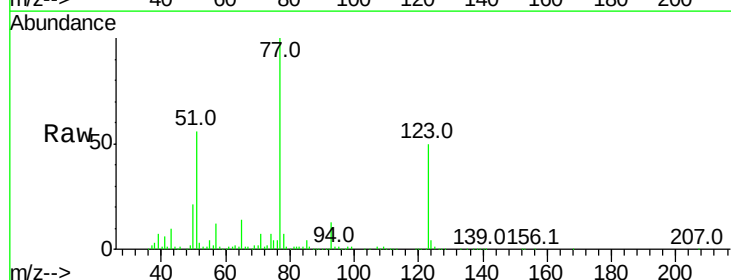
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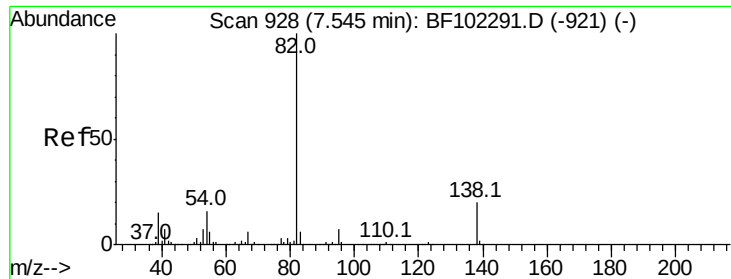
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#24
Nitrobenzene
Concen: 41.797 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 45.676 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

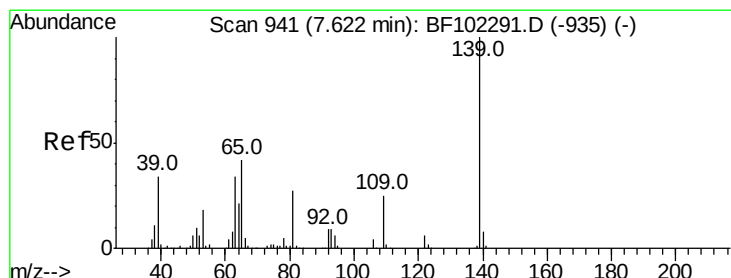
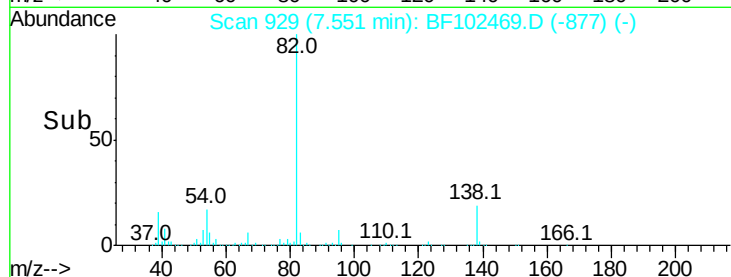
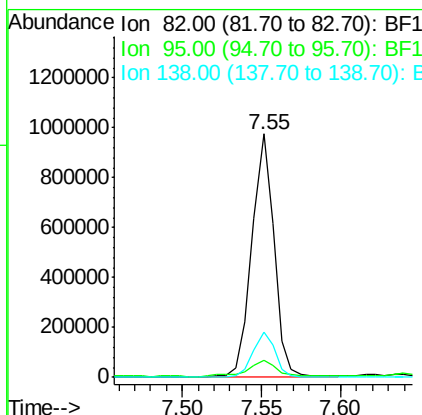
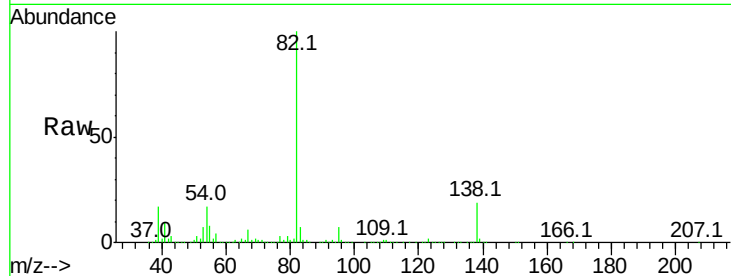
ClientSampleId :

WC-11(0-5)MSD

Tot Ion:	82	Resp:	951697
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 11.403 ng

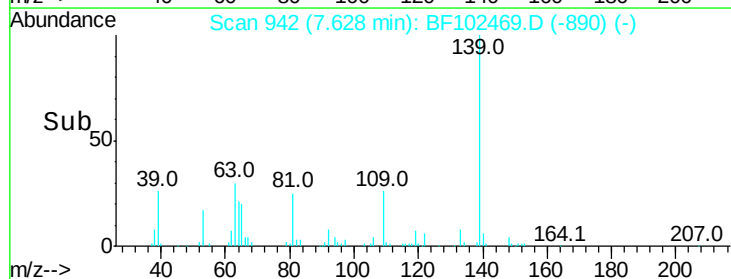
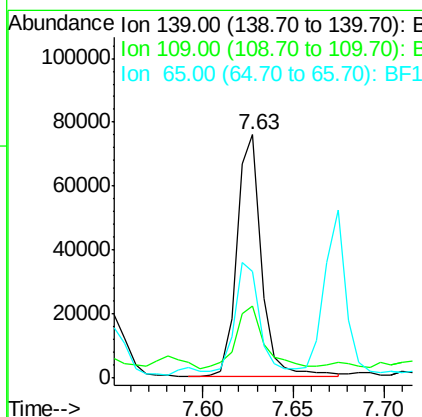
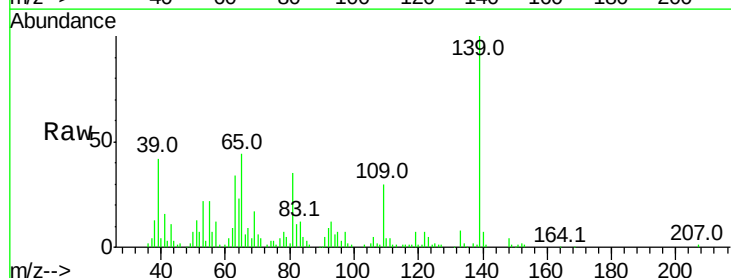
RT: 7.63 min Scan# 942

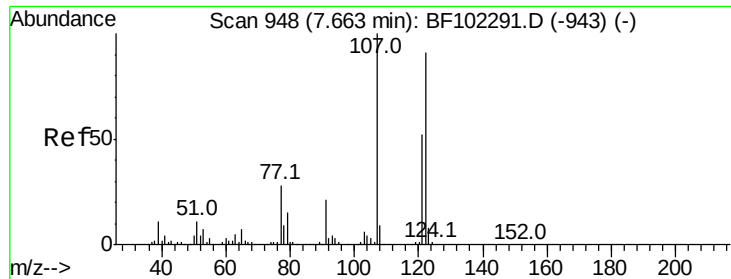
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:	139	Resp:	71779
Ion Ratio	Lower	Upper	
139	100		
109	29.5	22.7	34.1
65	43.9	40.5	60.7





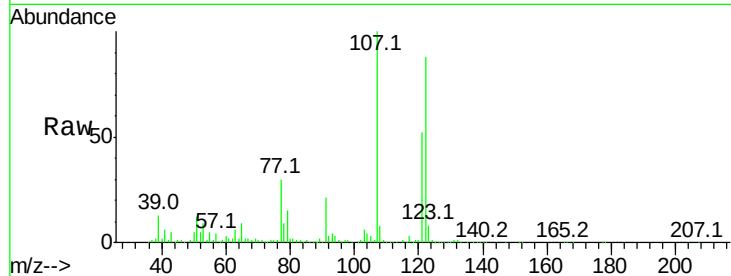
#27
2,4-Dimethylphenol
Concen: 49.181 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	449551		
107	113.1	91.2	136.8	
121	59.2	47.2	70.8	

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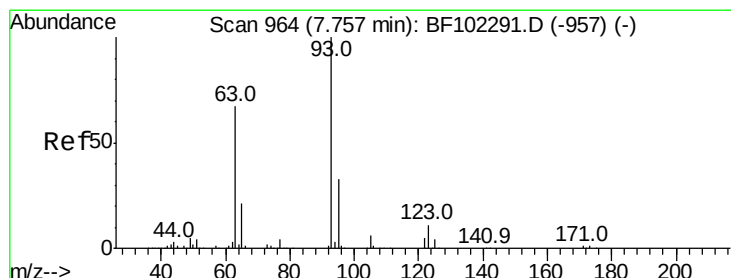
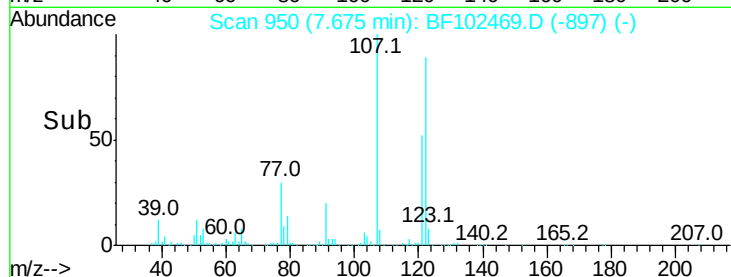
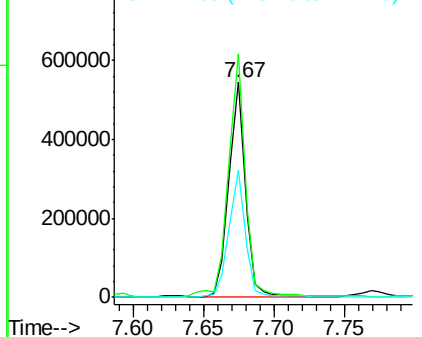


Abundance

Ion 122.00 (121.70 to 122.70): E

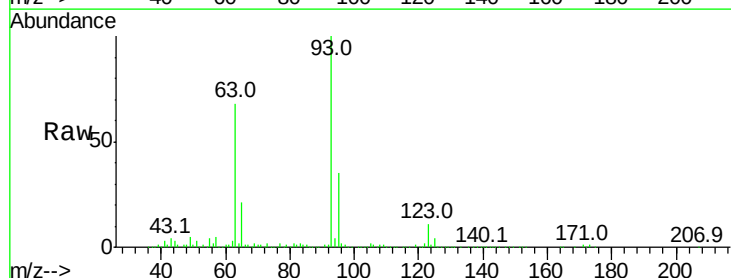
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.026 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	618141		
95	34.5	26.3	39.5	
123	11.3	9.8	14.6	

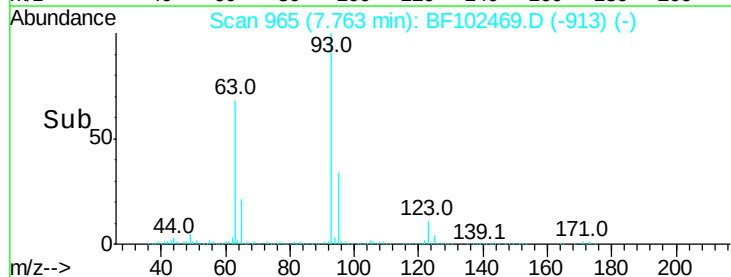
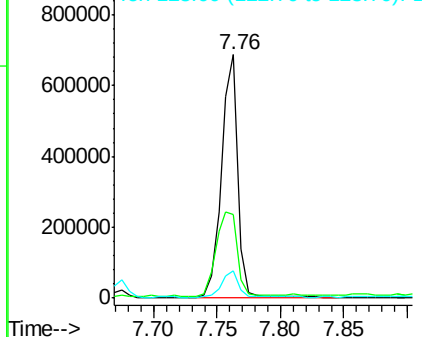


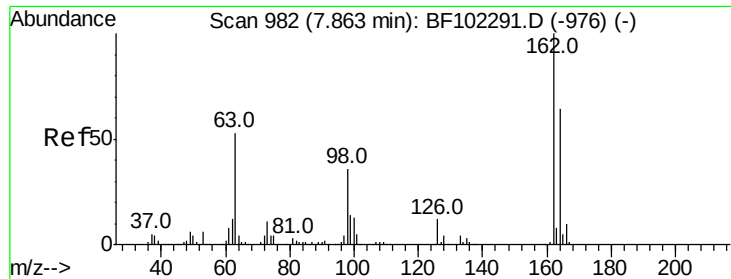
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





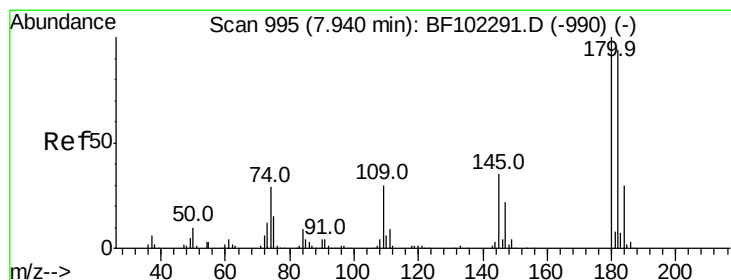
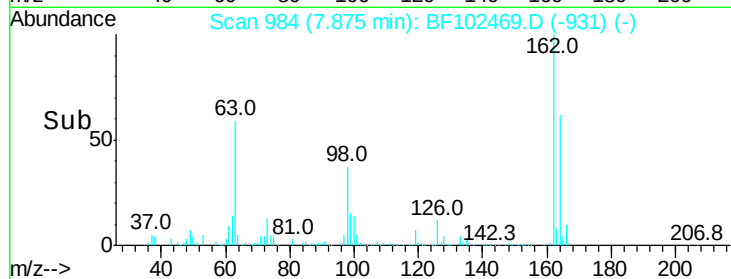
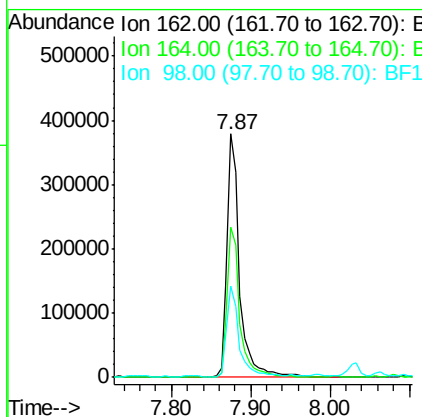
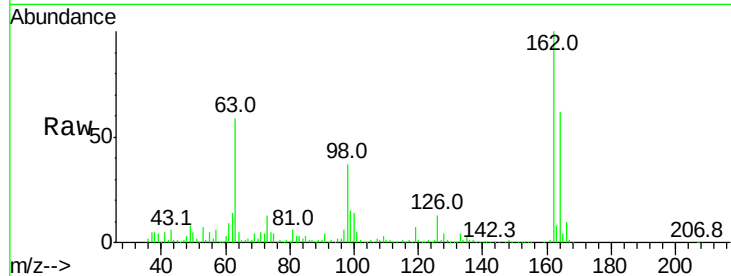
#29
2,4-Dichlorophenol
Concen: 44.798 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417108		
164	61.9	42.7	82.7	
98	37.2	18.1	58.1	

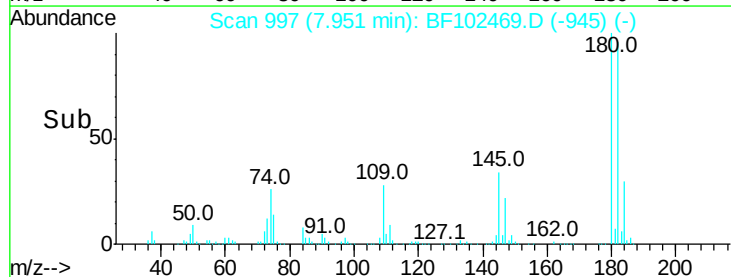
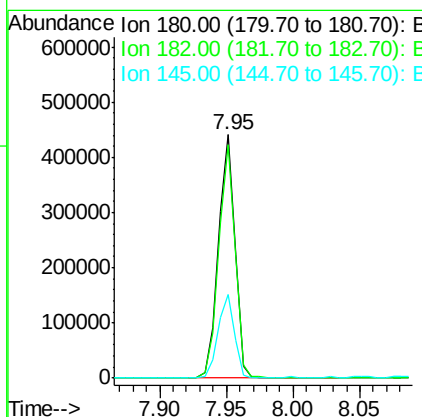
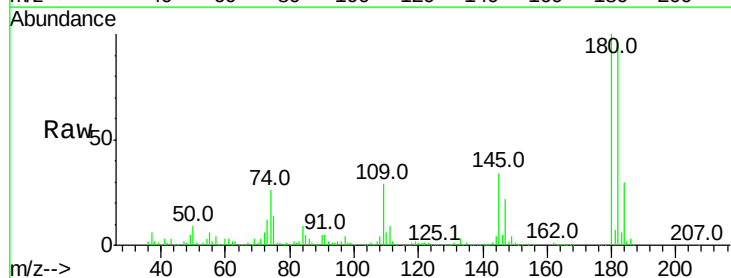
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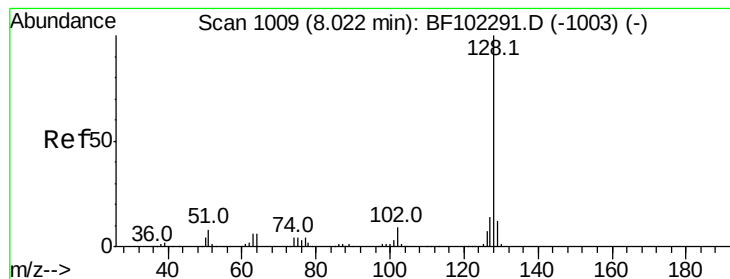
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#30
1,2,4-Trichlorobenzene
Concen: 39.017 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	389421		
182	96.1	76.8	115.2	
145	34.2	26.5	39.7	





#31

Naphthalene

Concen: 46.148 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:128 Resp: 1547518

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

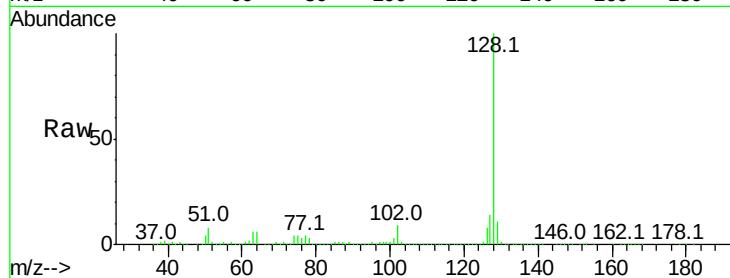
127 13.9 10.9 16.3

Manual Integrations

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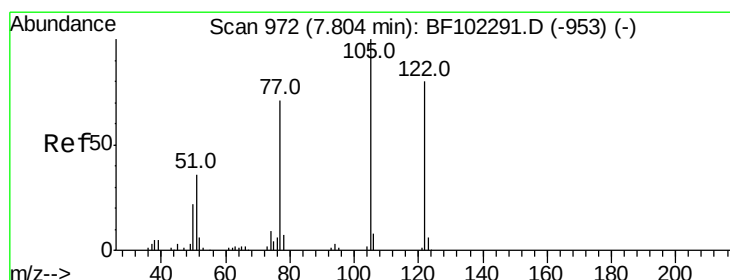
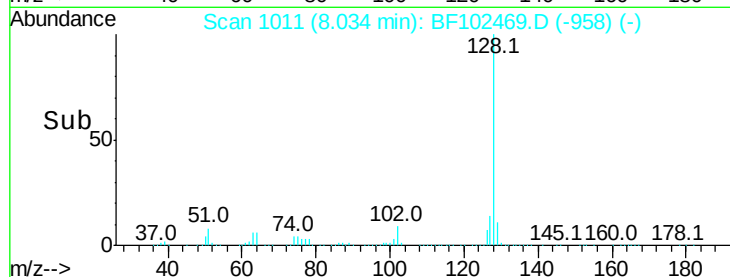
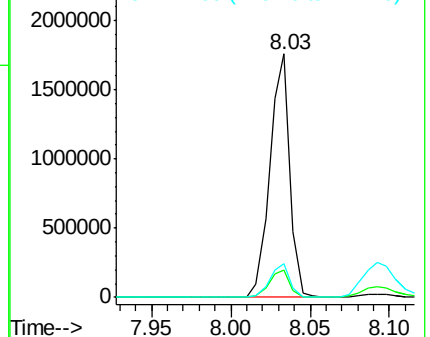
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.354 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

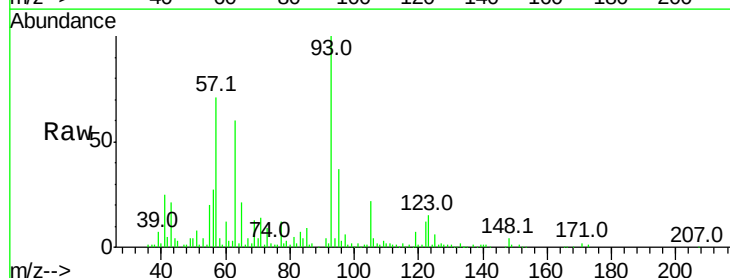
Tgt Ion:122 Resp: 18029

Ion Ratio Lower Upper

122 100

105 188.7 101.1 141.1#

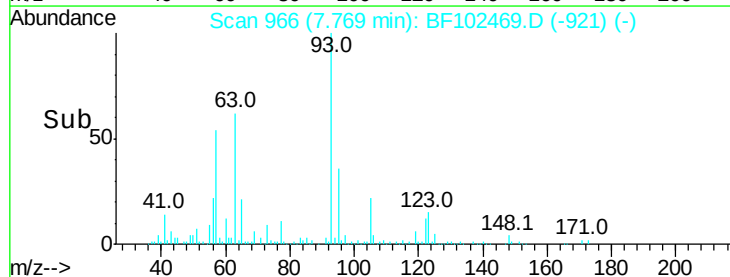
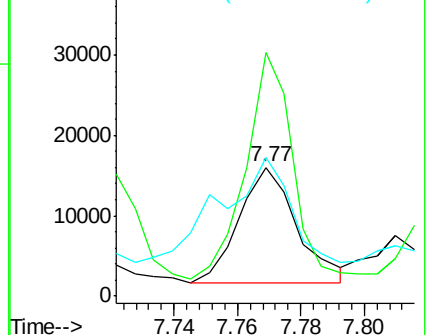
77 107.9 70.7 110.7

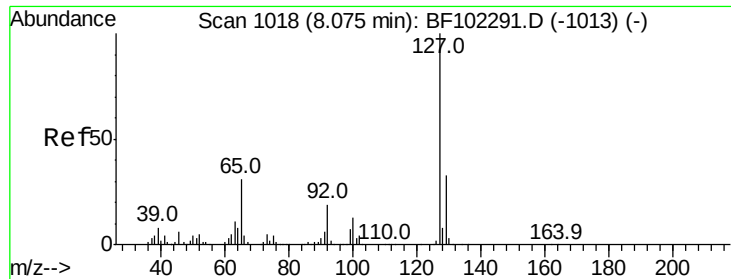


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





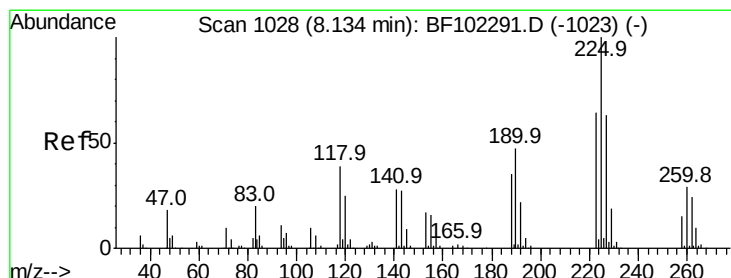
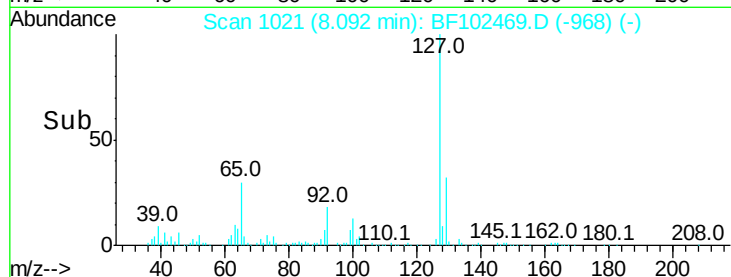
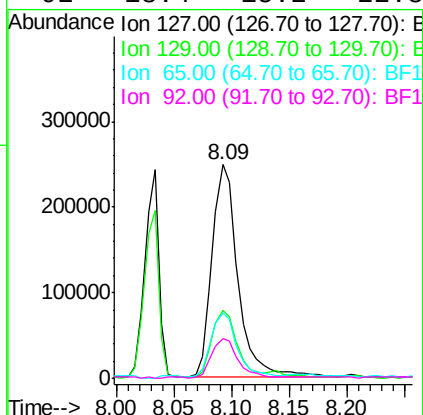
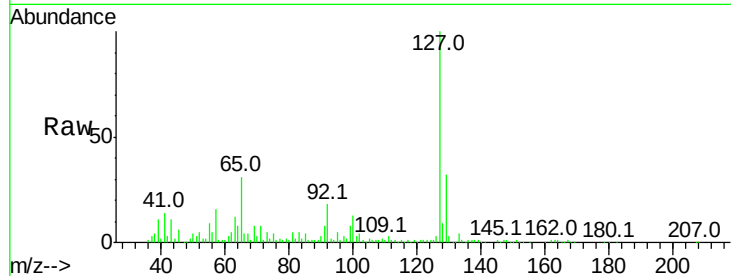
#33
4-Chloroaniline
Concen: 27.473 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	30.7	25.0	37.4	
92	18.4	15.2	22.8	

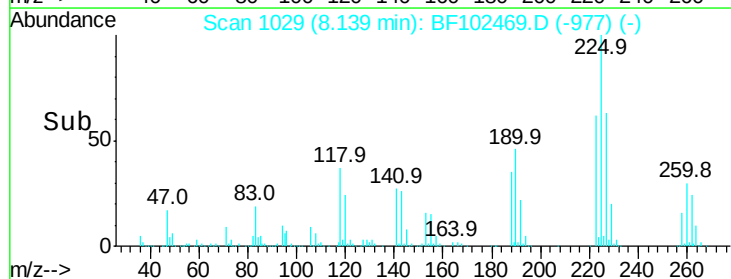
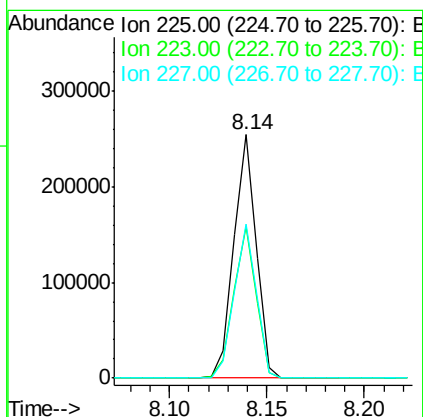
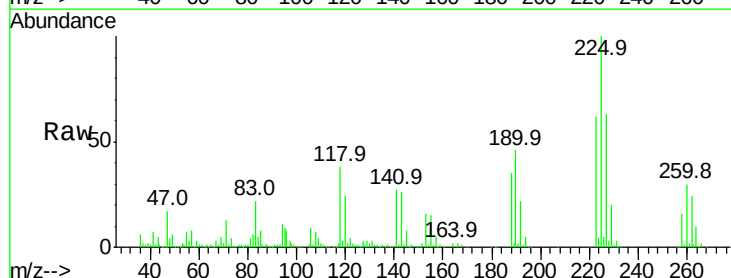
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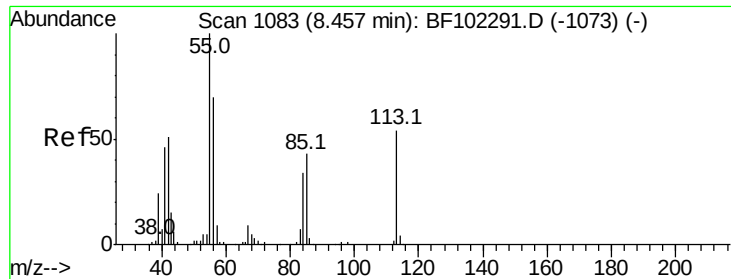
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#34
Hexachlorobutadiene
Concen: 38.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	50.6	76.0	
227	63.1	51.9	77.9	





#35

Caprolactam

Concen: 39.923 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

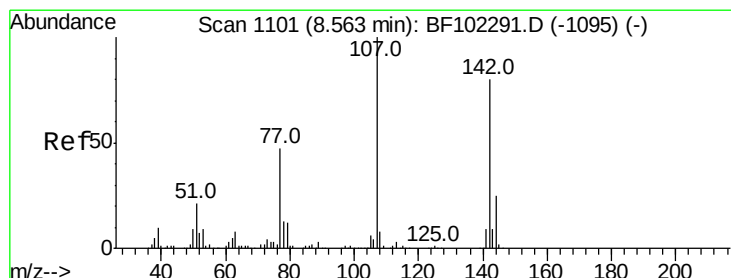
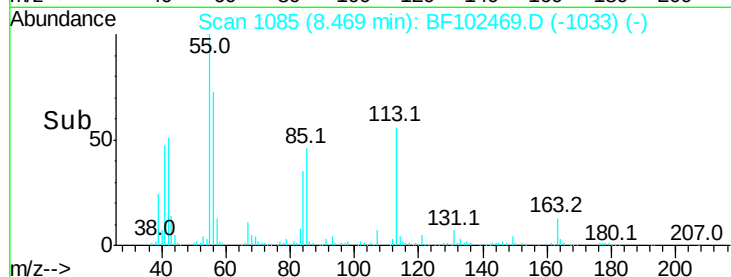
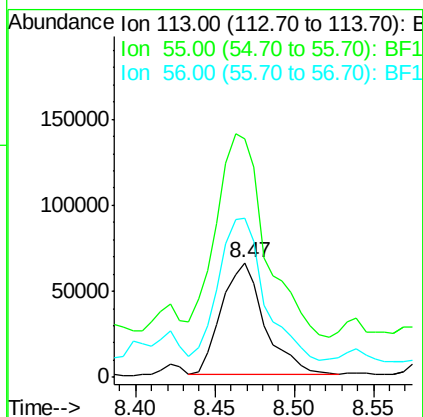
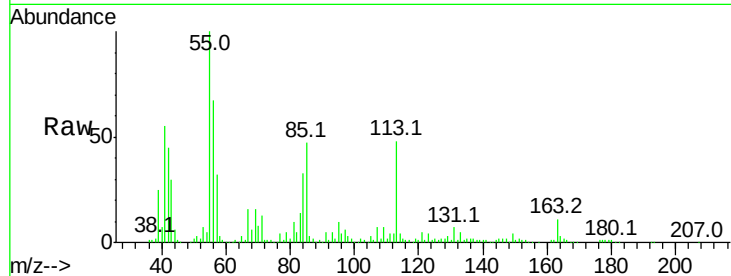
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.4	163.3	203.3#
56	139.3	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.925 ng

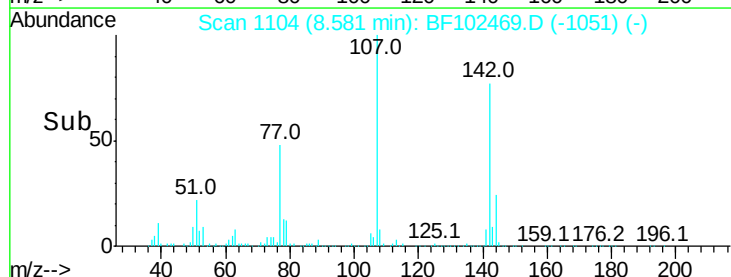
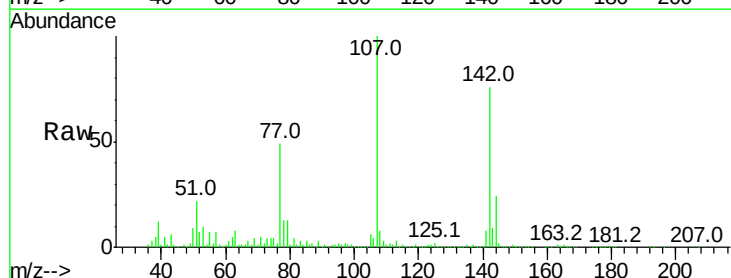
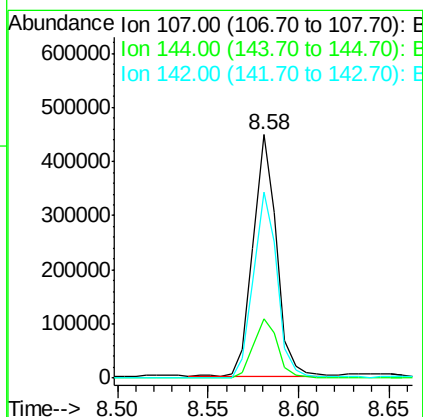
RT: 8.58 min Scan# 1104

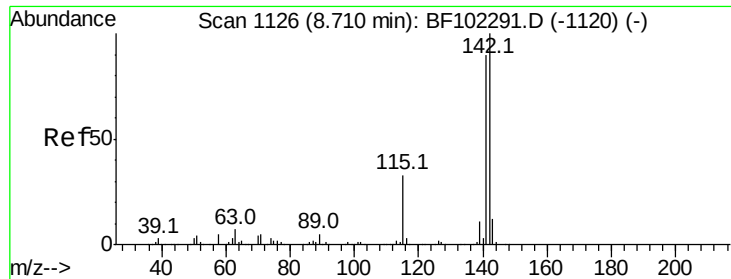
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.5	30.7
142	76.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 43.228 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

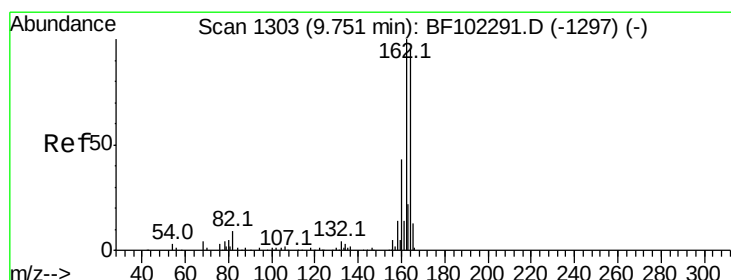
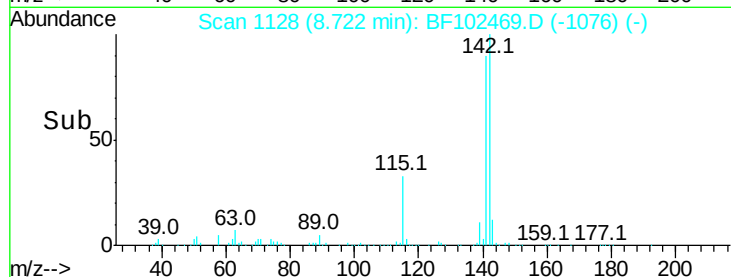
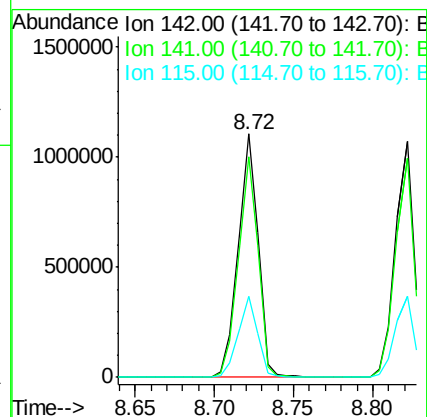
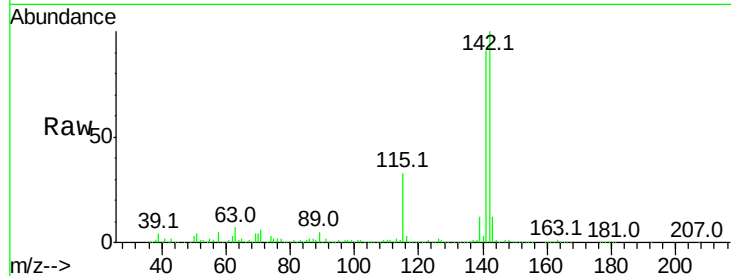
ClientSampleId :

WC-11(0-5)MSD

Tot Ion:	142	Resp:	965404
Ion Ratio	Lower	Upper	
142	100		
141	90.5	70.8	106.2
115	33.1	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

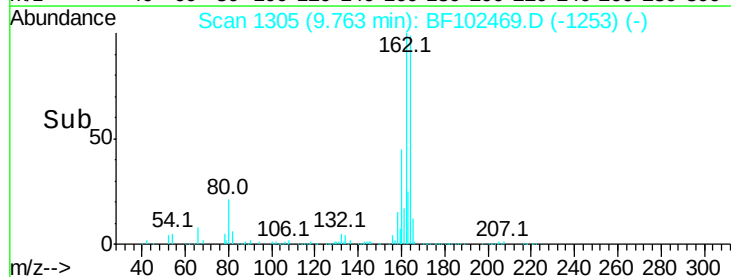
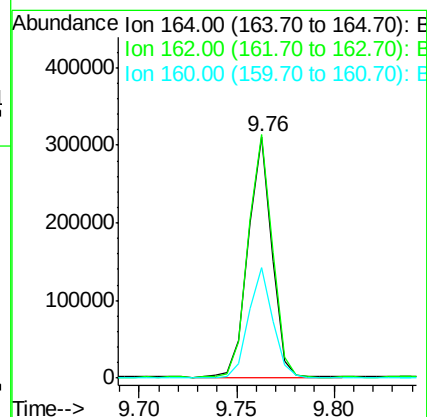
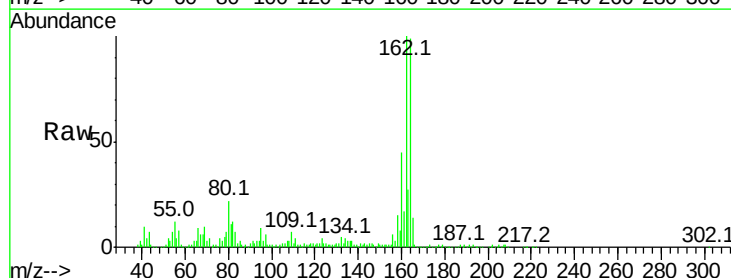
RT: 9.76 min Scan# 1305

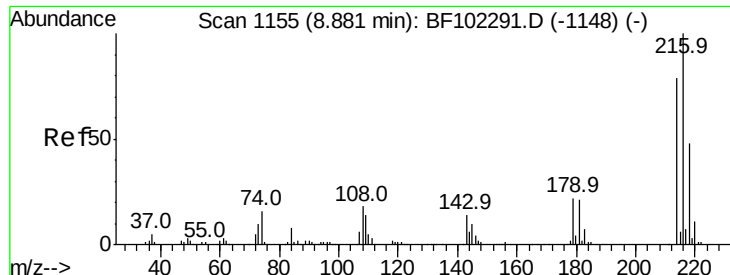
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:	164	Resp:	260713
Ion Ratio	Lower	Upper	
164	100		
162	100.9	86.1	129.1
160	45.7	38.3	57.5





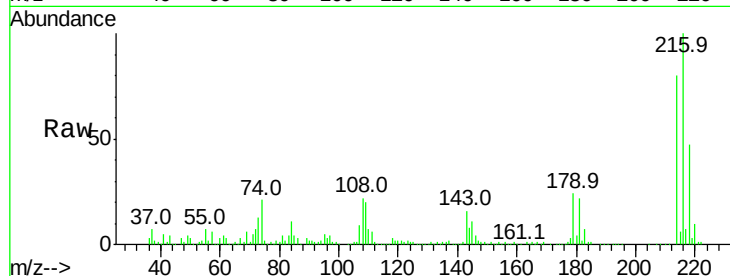
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.743 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MSD

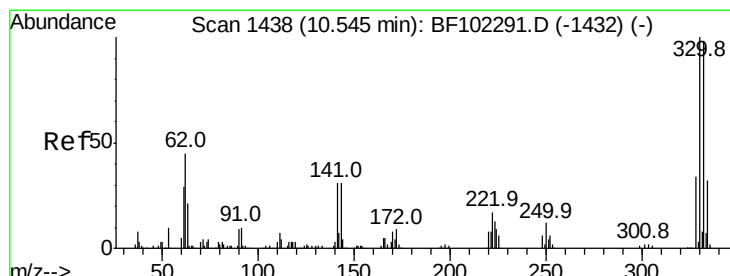
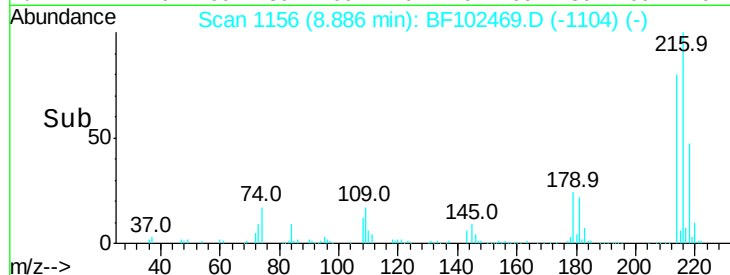
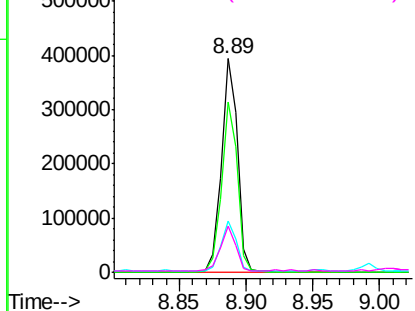
Tot Ion	Ratio	Resp	Lower	Upper
216	100	335270		
214	78.7		63.0	94.4
179	22.8		18.1	27.1
108	20.1		17.2	25.8

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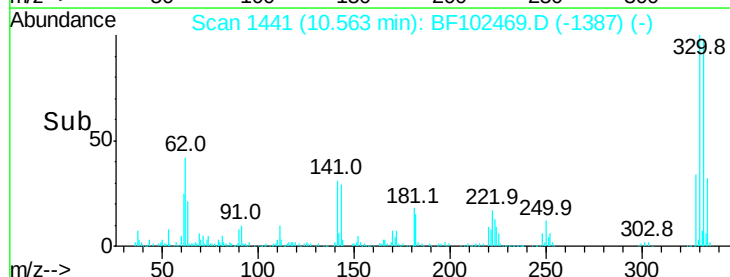
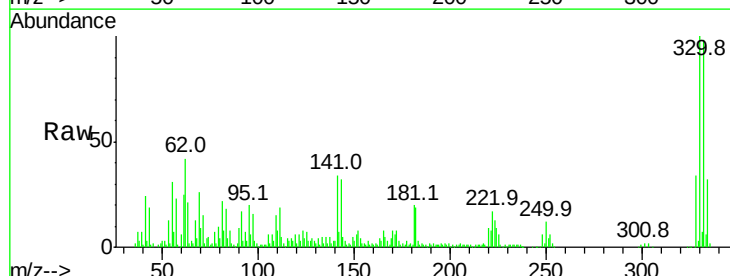
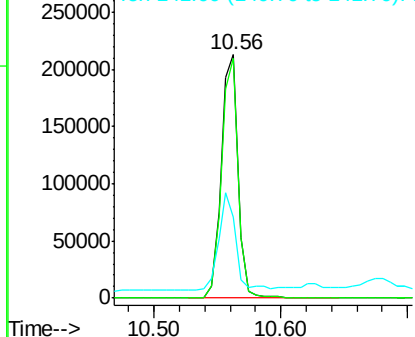
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

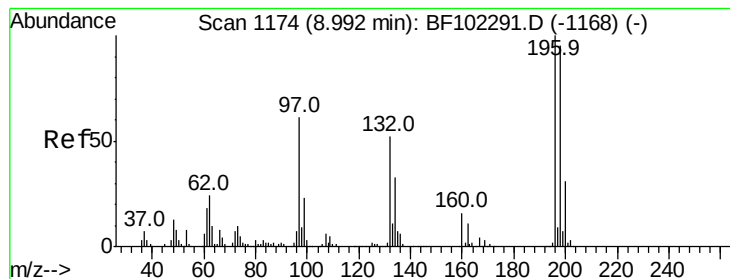


#41
 2,4,6-Tribromophenol
 Concen: 77.150 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	199300		
332	96.6		77.0	115.6
141	40.3		29.9	44.9

Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





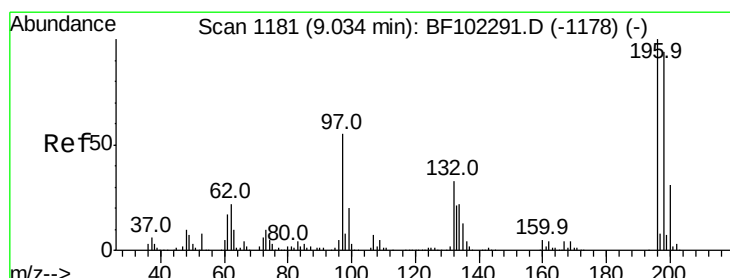
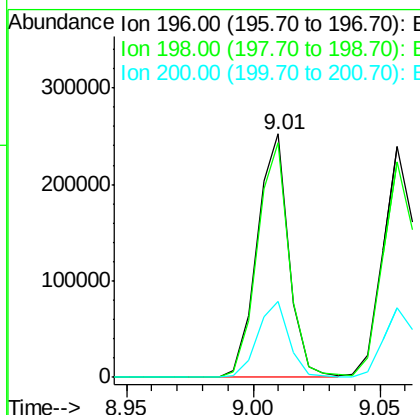
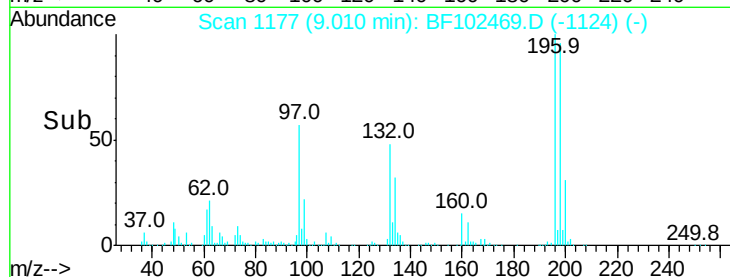
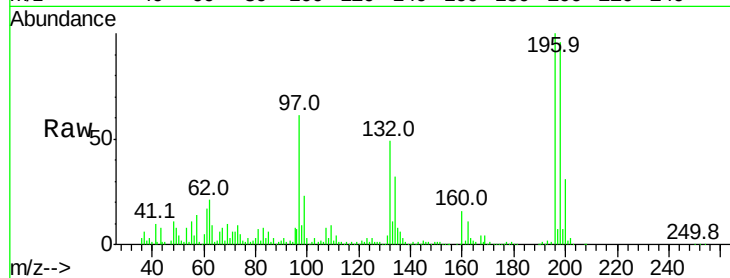
#42
 2,4,6-Trichlorophenol
 Concen: 41.813 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219553		
198	96.4	75.7	113.5	
200	31.0	24.5	36.7	

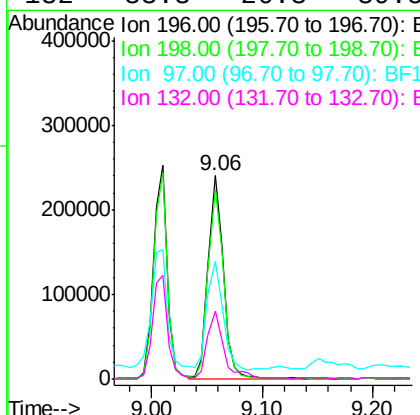
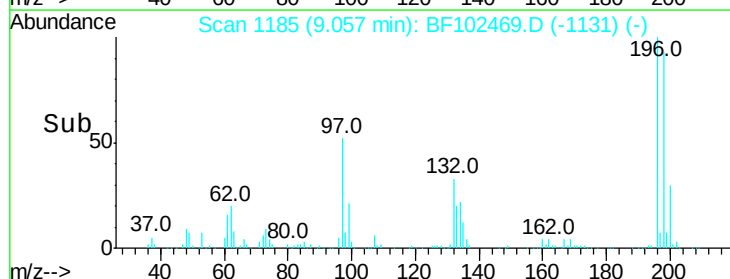
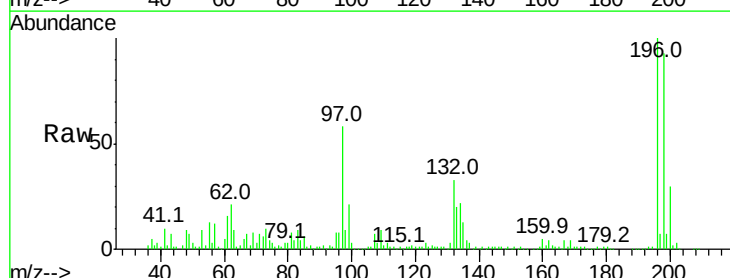
Manual Integrations
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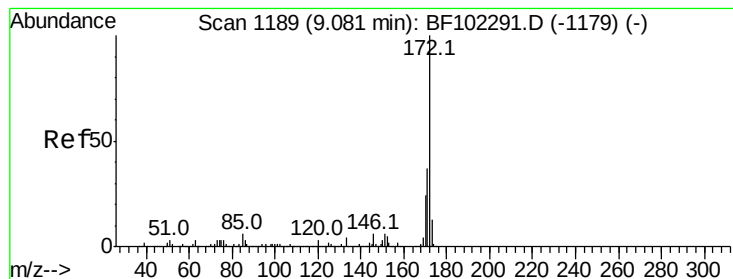
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#43
 2,4,5-Trichlorophenol
 Concen: 37.984 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224564		
198	93.1	74.6	112.0	
97	58.0	42.9	64.3	
132	33.3	26.3	39.5	





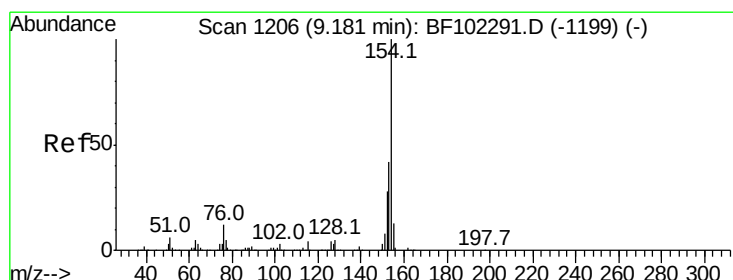
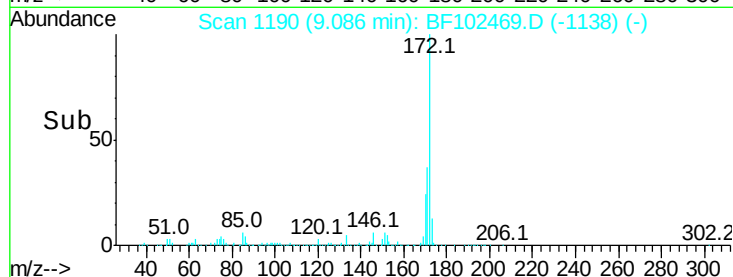
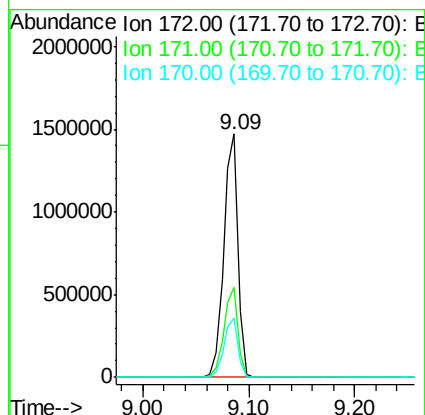
#44
2-Fluorobiphenyl
Concen: 77.989 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

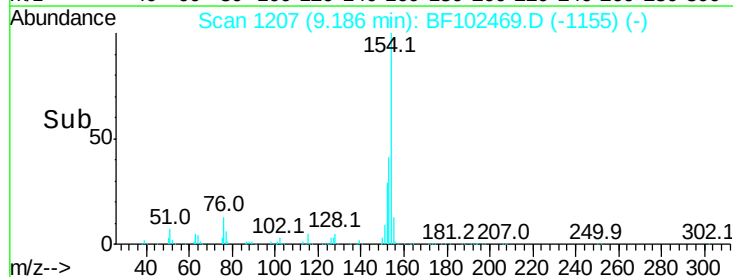
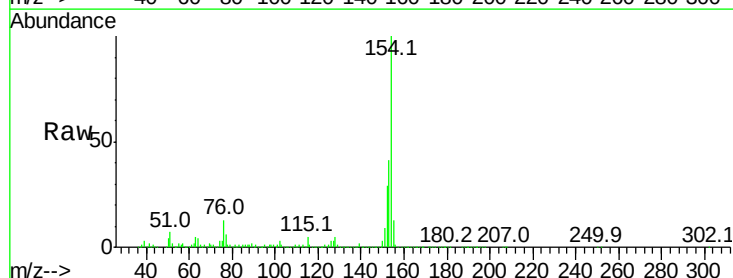
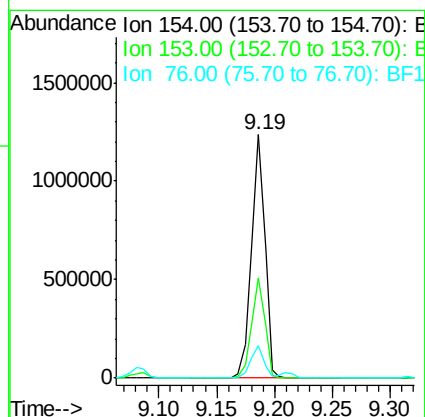
Manual Integrations
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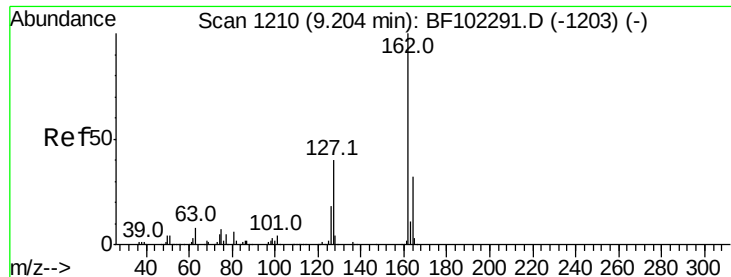
Sohil
1/27/2018 1:46:48 PM



#45
1,1'-Biphenyl
Concen: 42.858 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	13.1	0.0	34.0





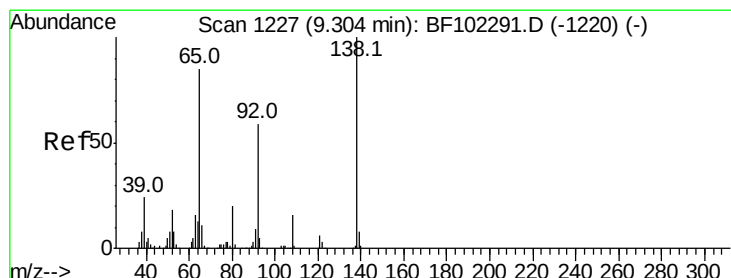
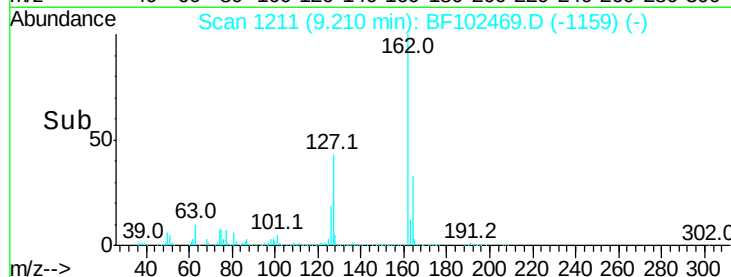
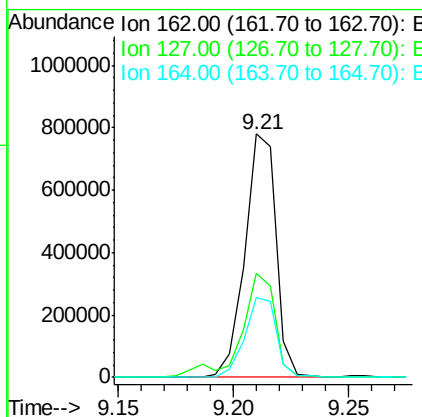
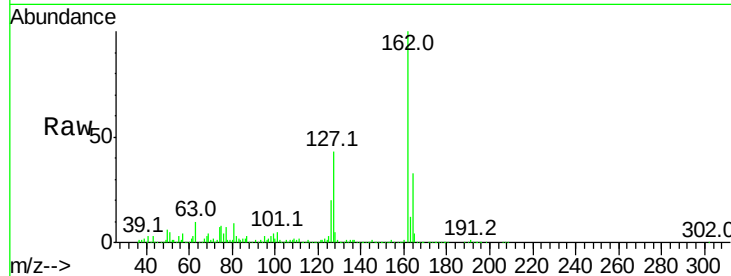
#46
2-Chloronaphthalene
Concen: 40.655 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	736681		
127	42.8		33.9	50.9
164	32.9		26.5	39.7

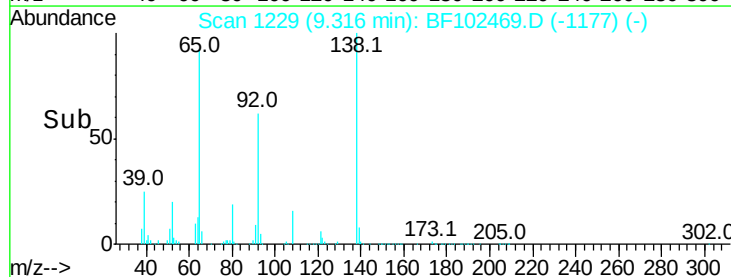
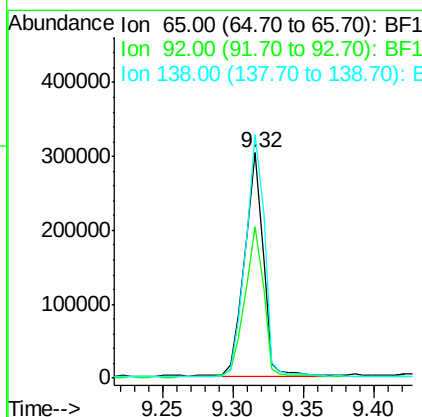
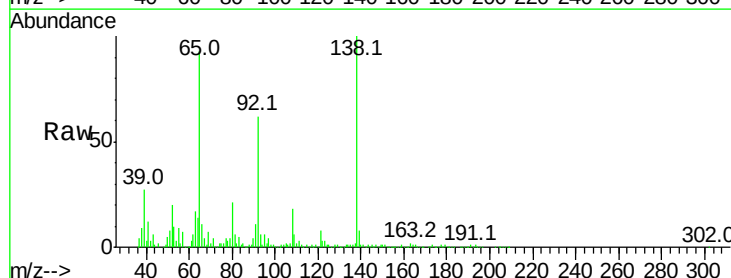
Manual Integrations
APPROVED

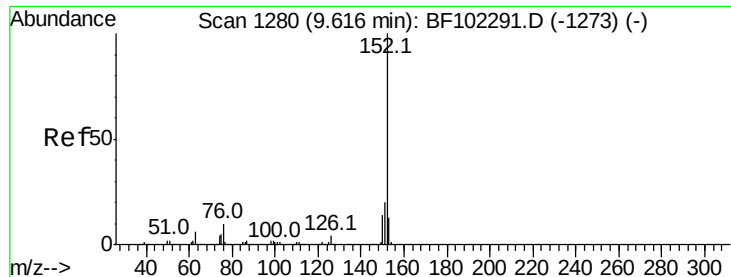
Sohil
1/27/2018 1:46:48 PM



#47
2-Nitroaniline
Concen: 49.655 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	280510		
92	66.9		55.8	83.6
138	108.0		91.2	136.8





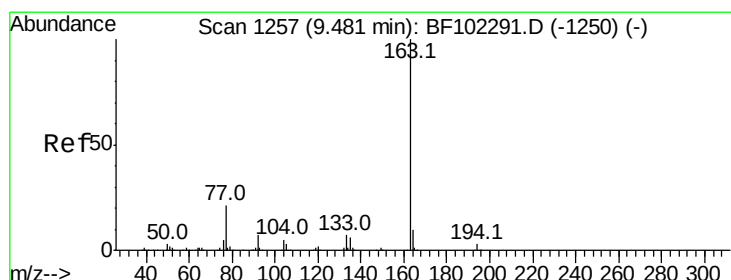
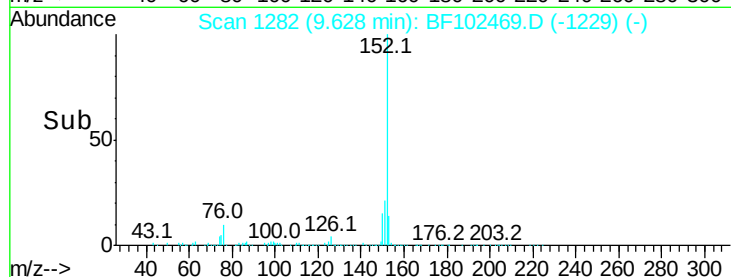
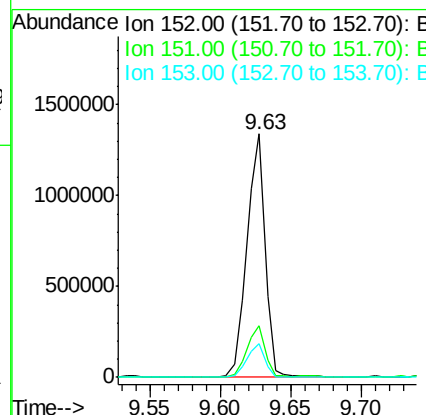
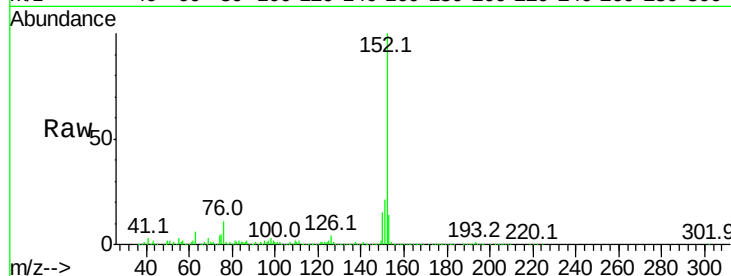
#48
Acenaphthylene
Concen: 42.514 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.8	10.7	16.1

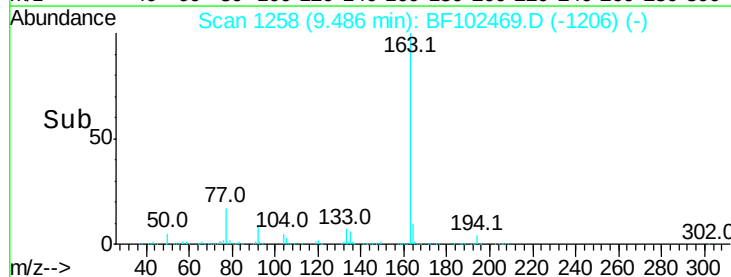
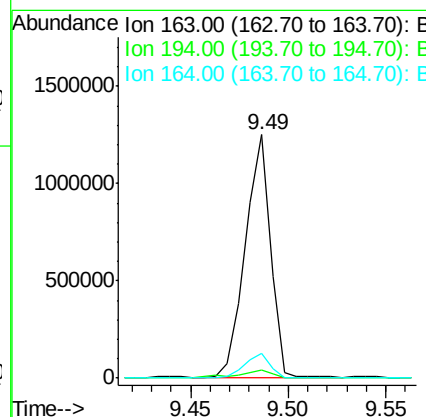
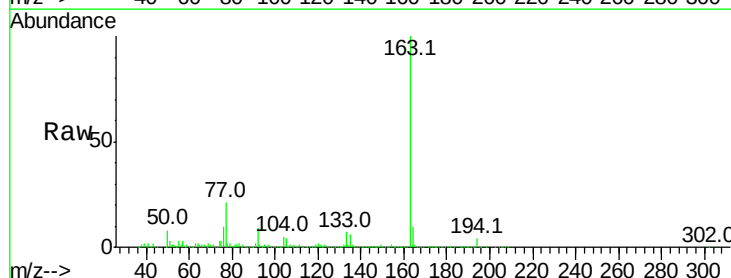
Manual Integrations
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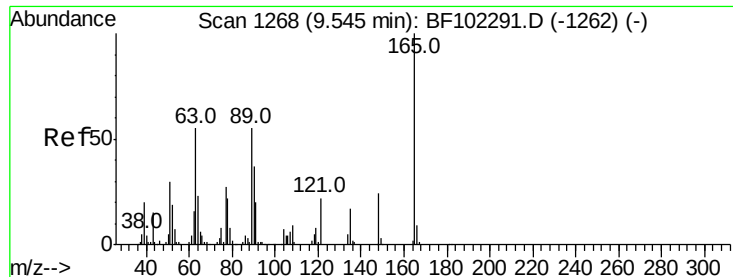
Sohil
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#49
Dimethylphthalate
Concen: 51.659 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2





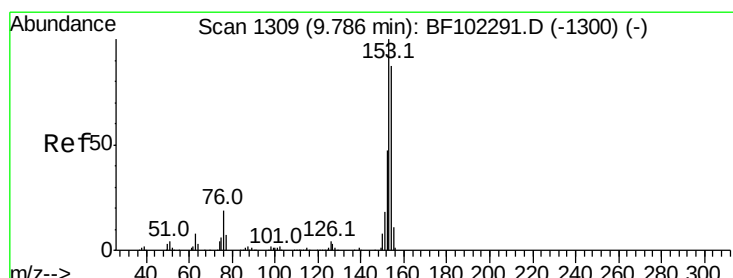
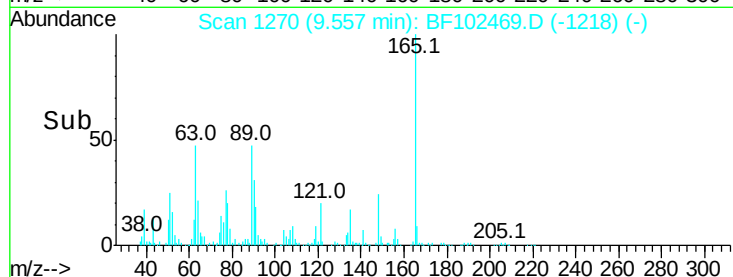
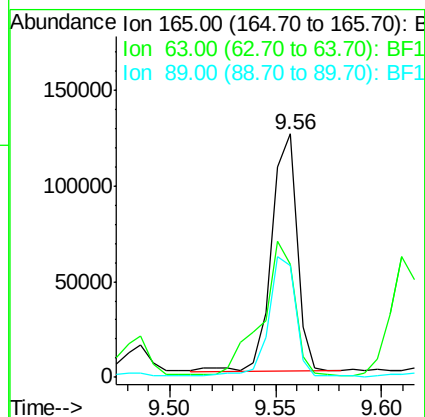
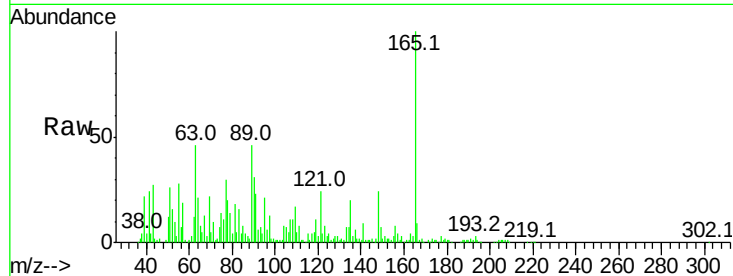
#50
2,6-Dinitrotoluene
Concen: 22.520 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	104632		
63	46.4		44.7	67.1
89	46.1		44.0	66.0

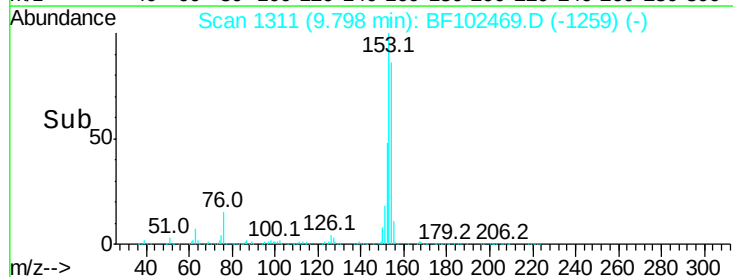
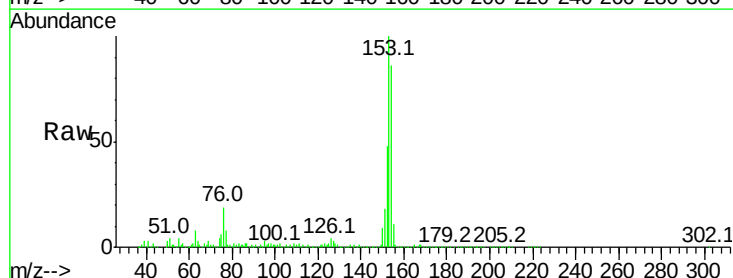
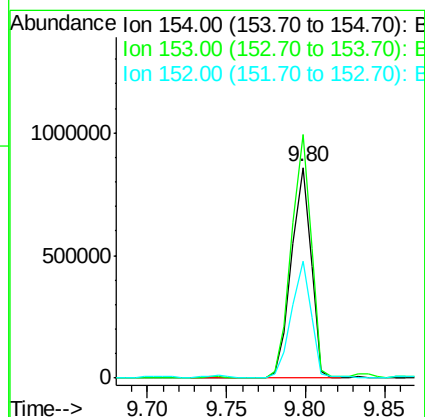
Manual Integrations
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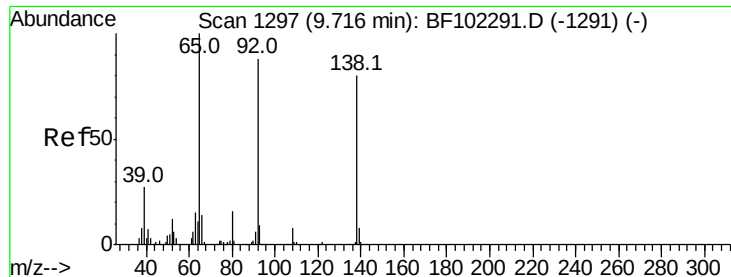
Sohil
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#51
Acenaphthene
Concen: 45.092 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	743434		
153	115.7		91.2	136.8
152	55.3		43.8	65.8





#52

3-Nitroaniline

Concen: 44.253 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

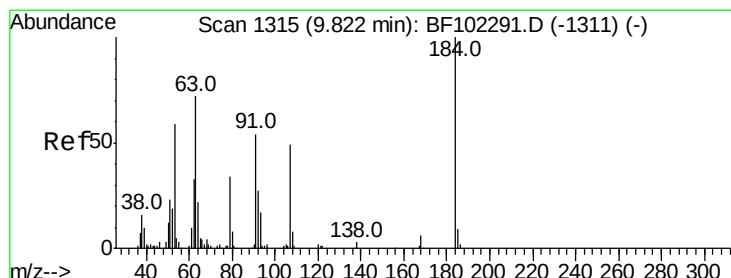
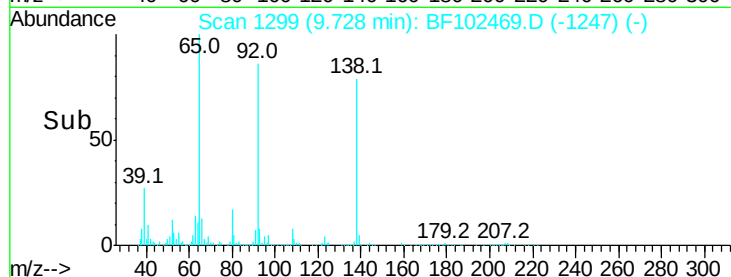
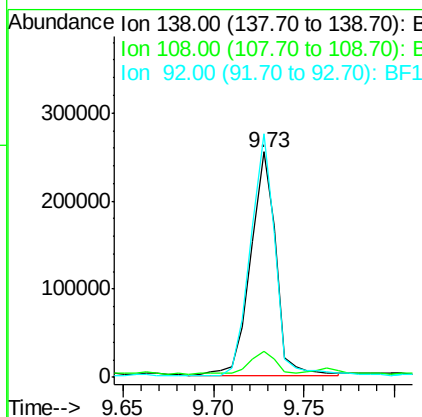
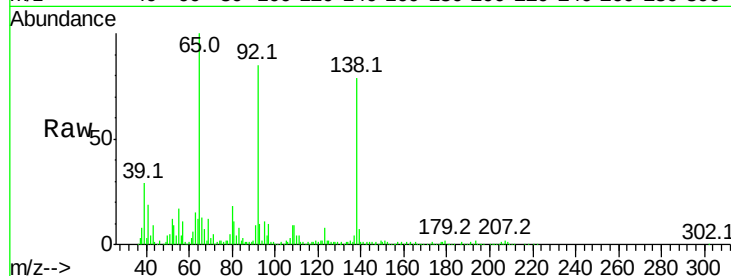
ClientSampleId :

WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.4	14.0
92	108.0	89.4	134.2

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 3.744 ng

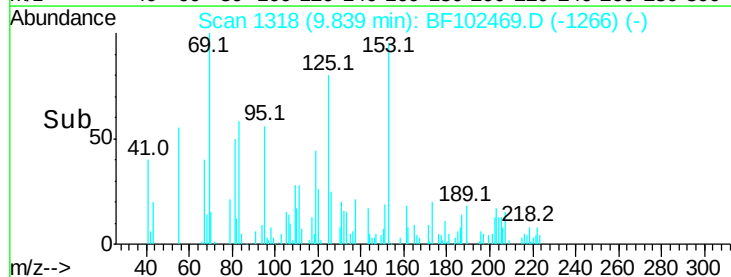
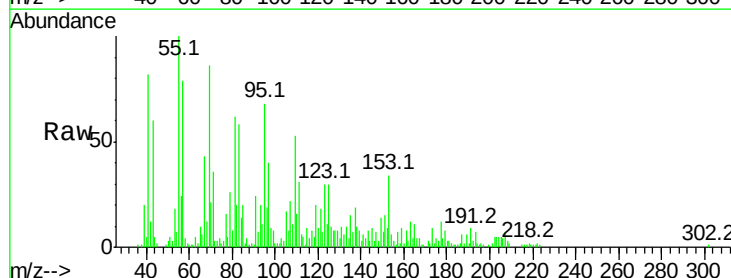
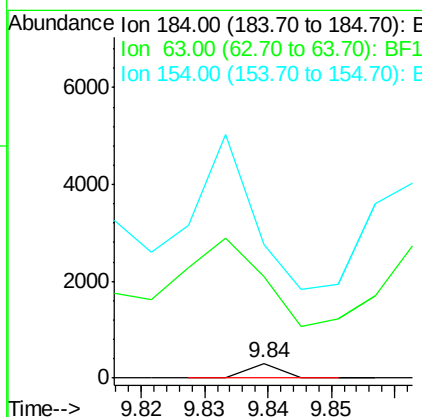
RT: 9.84 min Scan# 1318

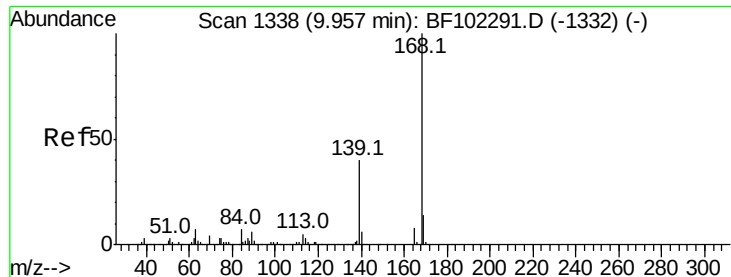
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	696.0	54.2	81.2#
154	919.9	184.0	276.0#





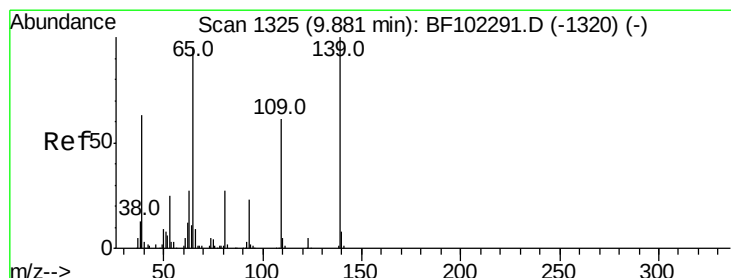
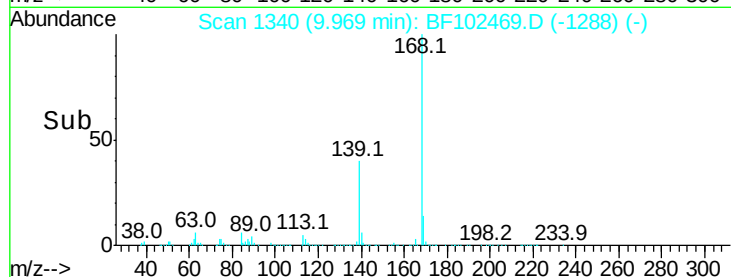
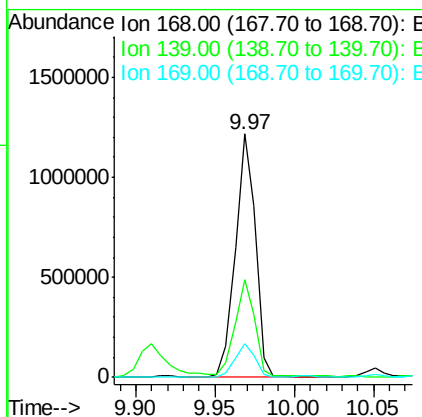
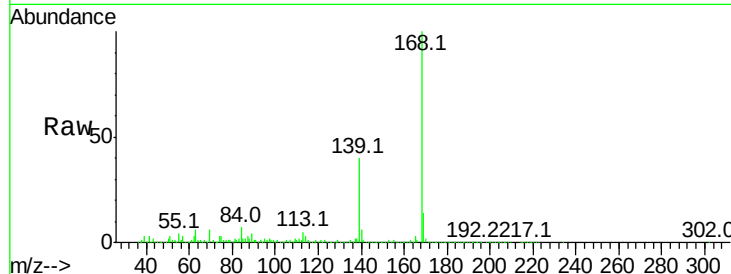
#54
Dibenzofuran
Concen: 47.621 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	14.0	10.9	16.3

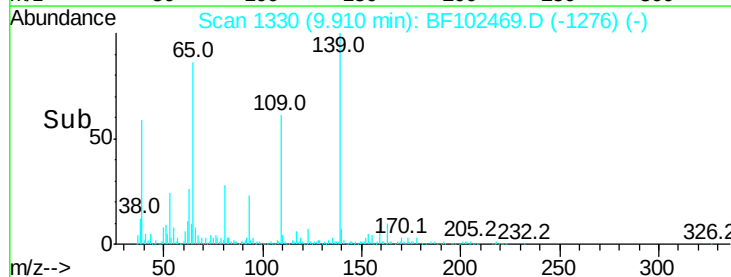
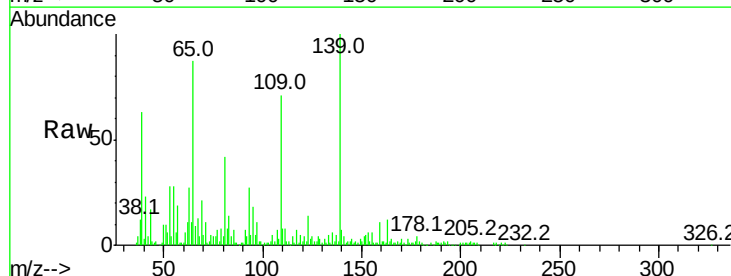
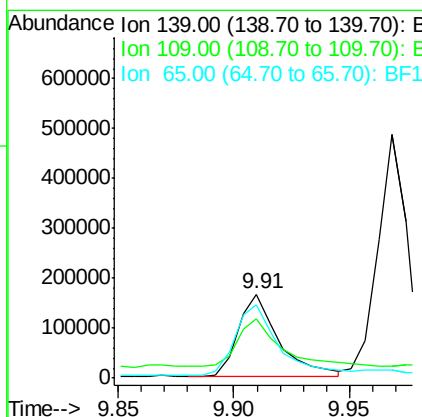
Manual Integrations
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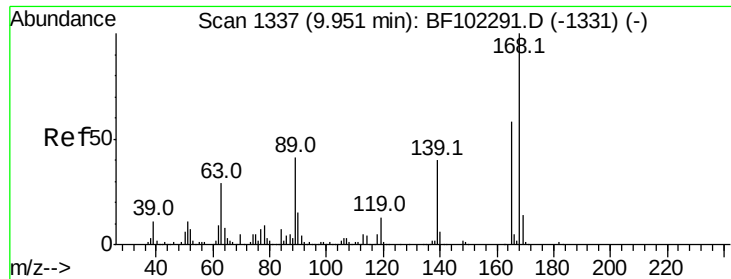
Sohil
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#55
4-Nitrophenol
Concen: 55.938 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	48.4	88.4
65	86.8	72.6	112.6





#56

2,4-Dinitrotoluene

Concen: 16.677 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:165 Resp: 95284
Ion Ratio Lower Upper

165 100

63 74.6 36.4 54.6#

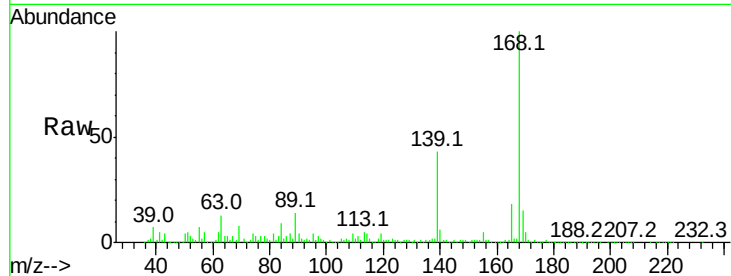
89 80.5 57.8 86.6

182 2.7 1.6 2.4#

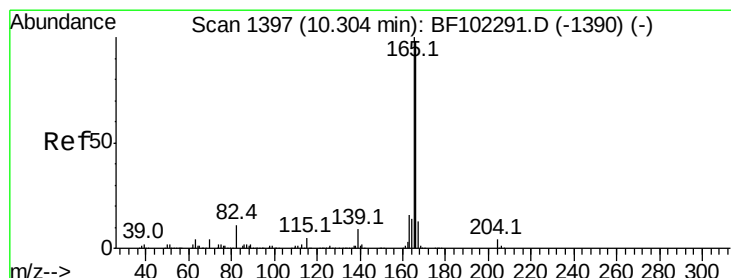
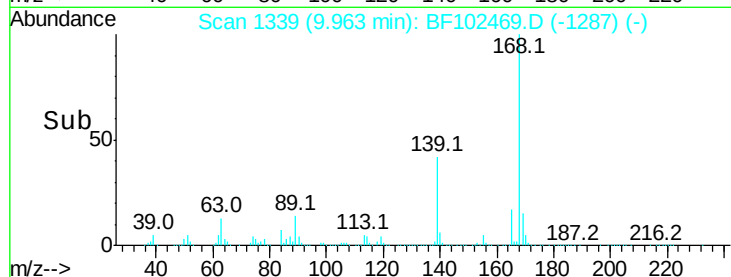
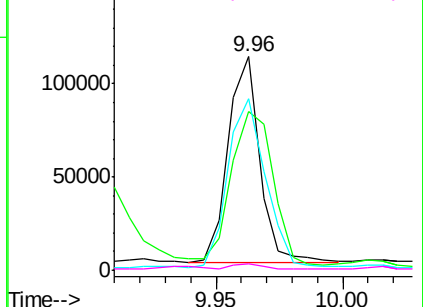
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 49.206 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102469.D

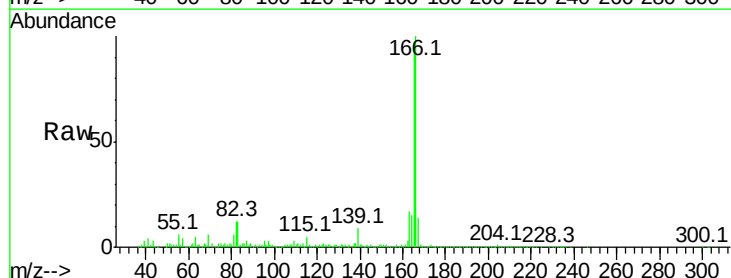
Acq: 26 Jan 2018 15:33

Tgt Ion:166 Resp: 870011
Ion Ratio Lower Upper

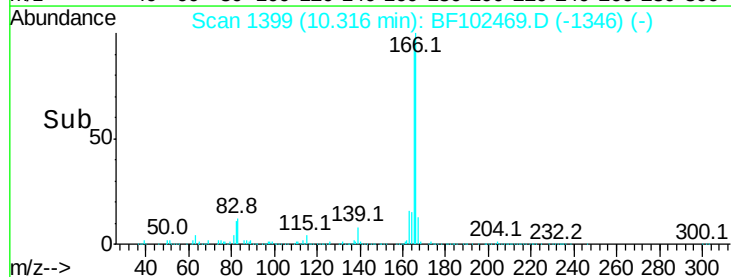
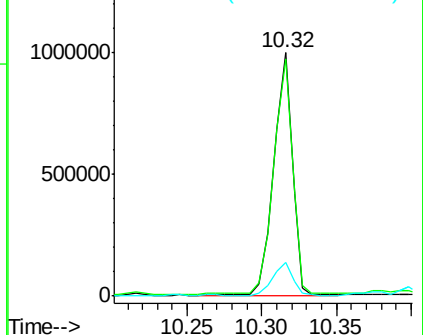
166 100

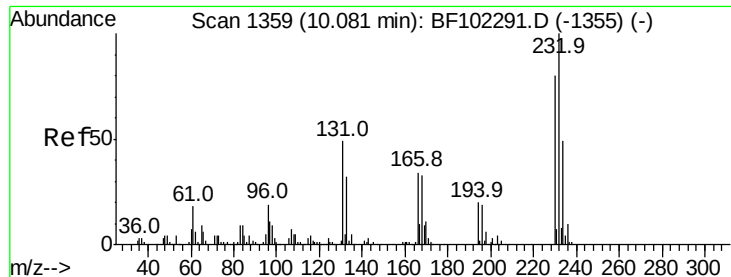
165 97.3 79.8 119.8

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 34.161 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:232 Resp: 144199
Ion Ratio Lower Upper

232 100

131 51.9 43.8 65.8

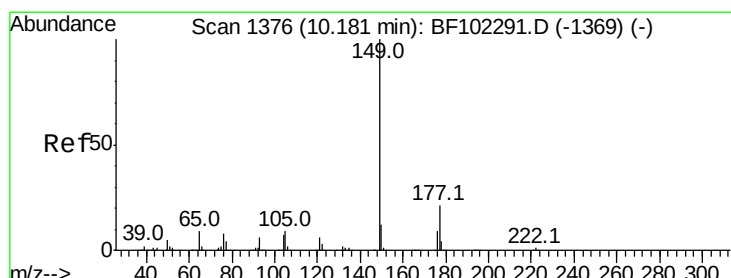
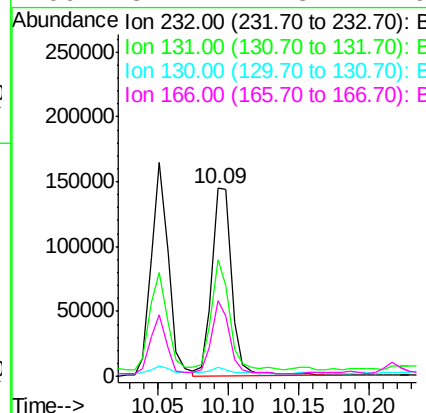
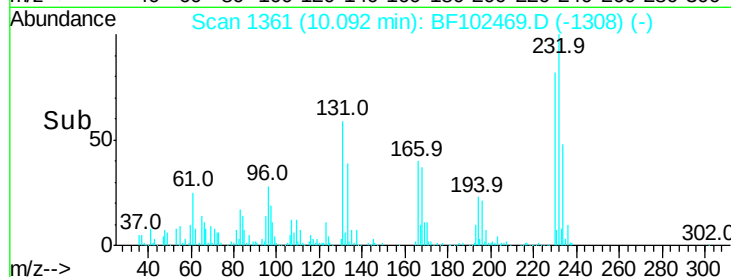
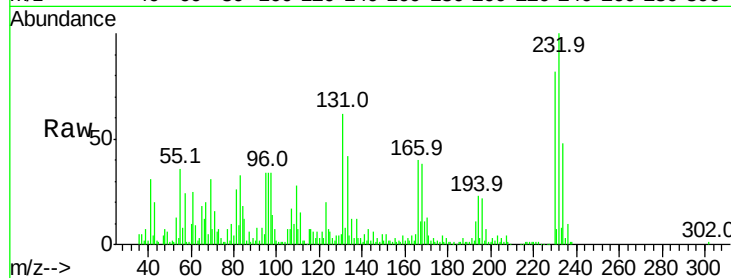
130 4.1 2.1 3.1#

166 34.4 27.8 41.6

Manual Integrations
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#59

Diethylphthalate

Concen: 38.456 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF102469.D

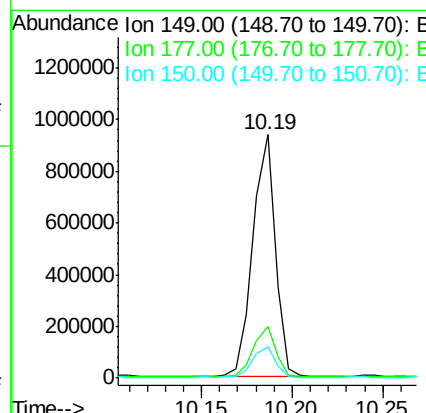
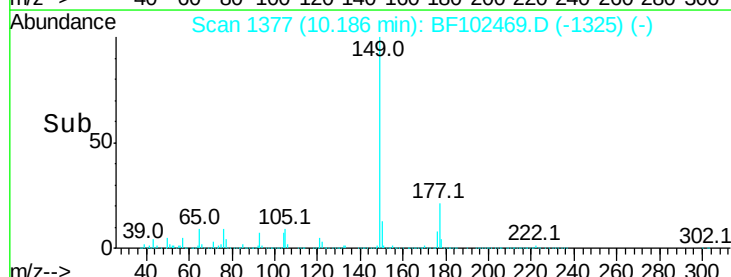
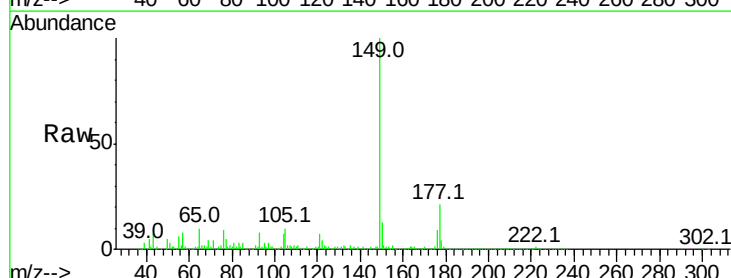
Acq: 26 Jan 2018 15:33

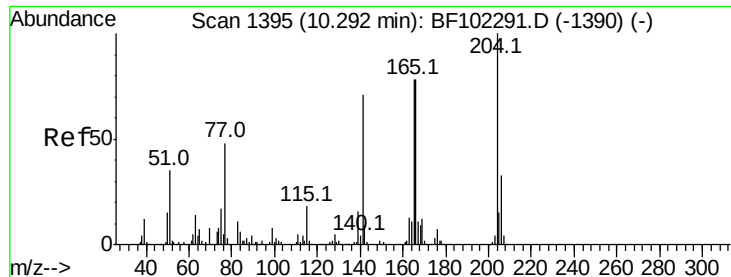
Tgt Ion:149 Resp: 805305
Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

150 13.0 10.1 15.1





#60

4-Chlorophenyl-phenylether

Concen: 38.012 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:204 Resp: 291388

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

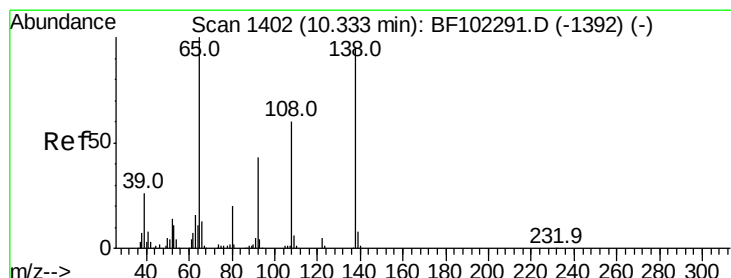
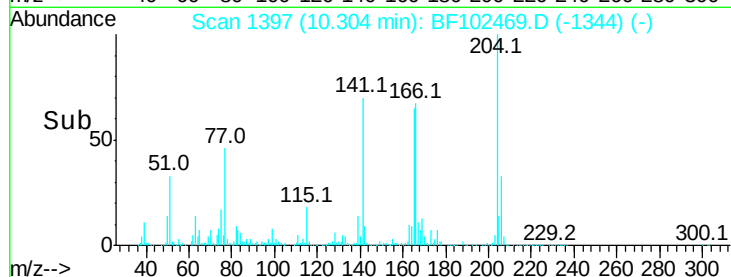
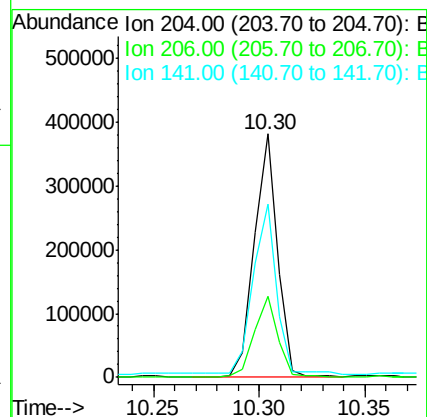
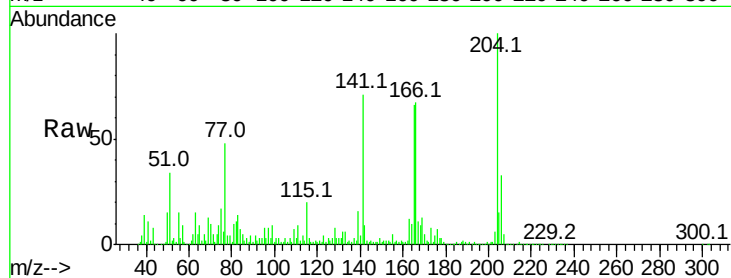
141 71.2 54.6 81.8

Manual Integrations

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#61

4-Nitroaniline

Concen: 42.516 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

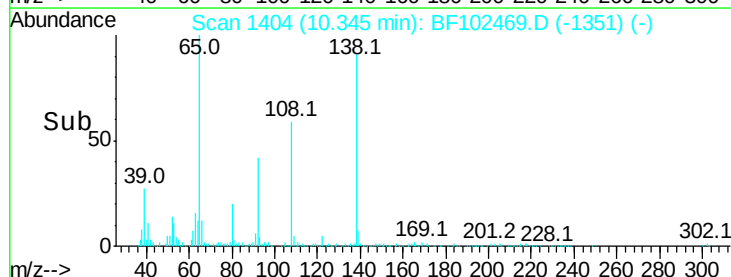
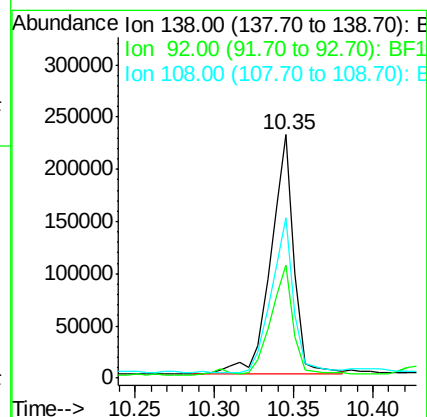
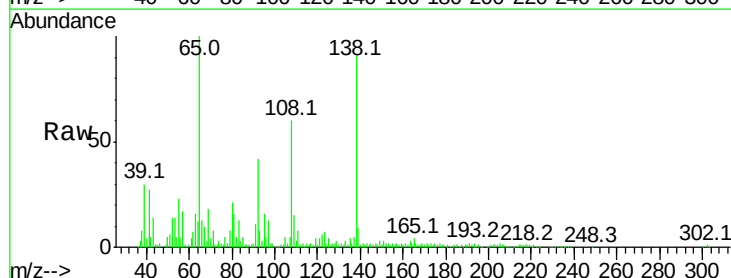
Tgt Ion:138 Resp: 233180

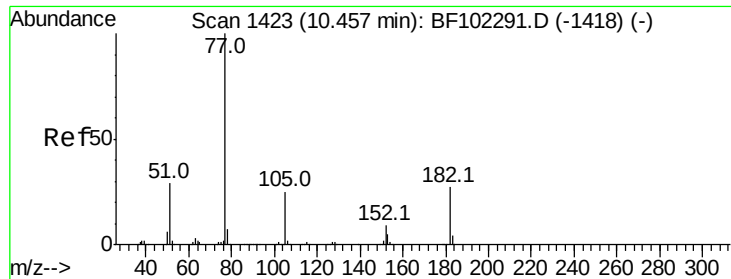
Ion Ratio Lower Upper

138 100

92 46.5 30.2 70.2

108 65.7 52.5 92.5





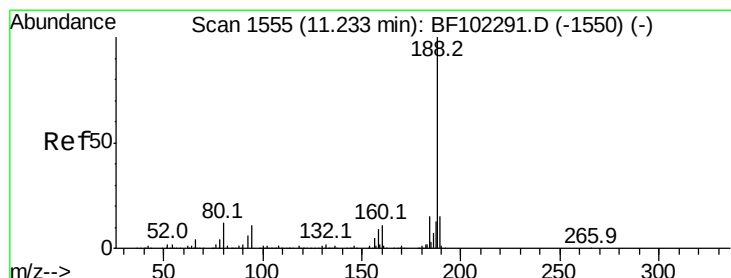
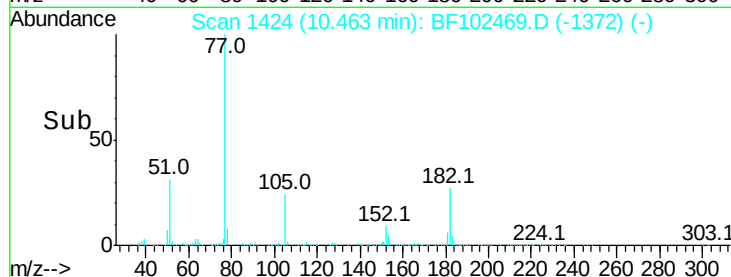
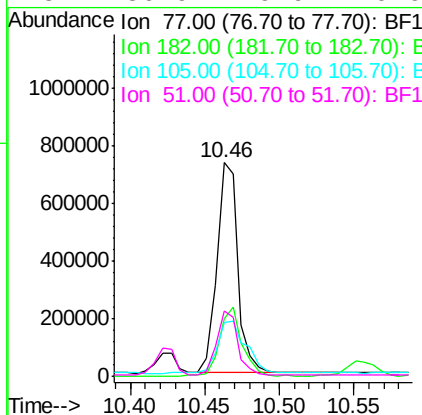
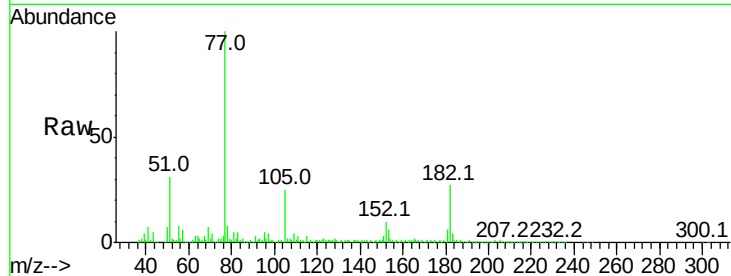
#62
Azobenzene
Concen: 37.474 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.0	1.7	41.7		
105	24.9	3.0	43.0		
51	30.9	9.9	49.9		

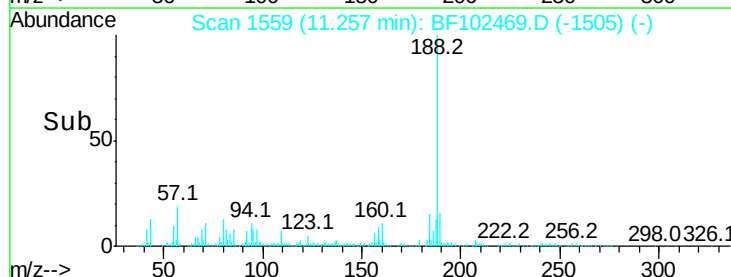
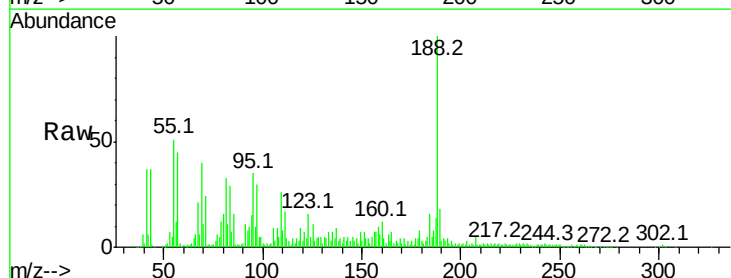
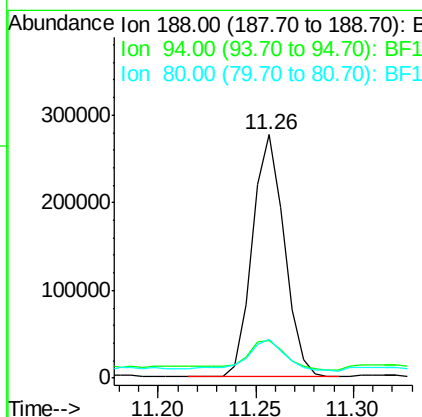
Manual Integrations
APPROVED

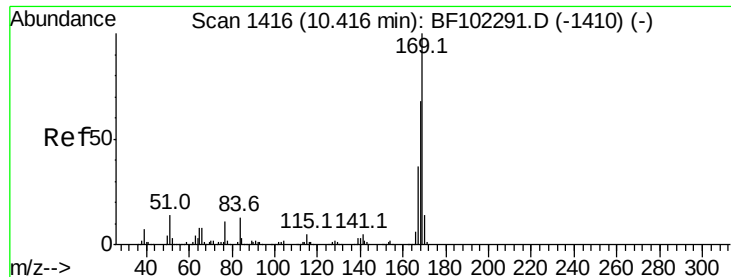
Sohil
1/27/2018 1:46:48 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.02 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	15.3	8.5	12.7#		
80	15.9	9.2	13.8#		





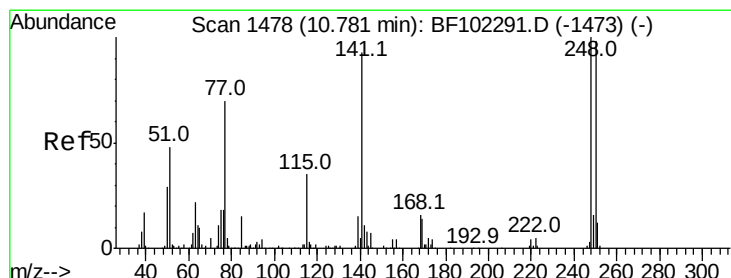
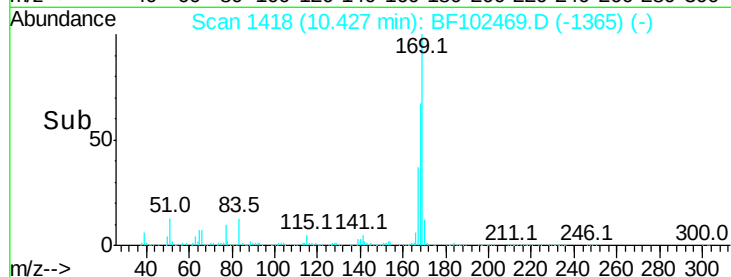
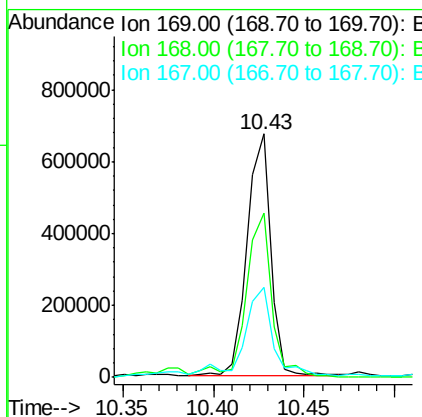
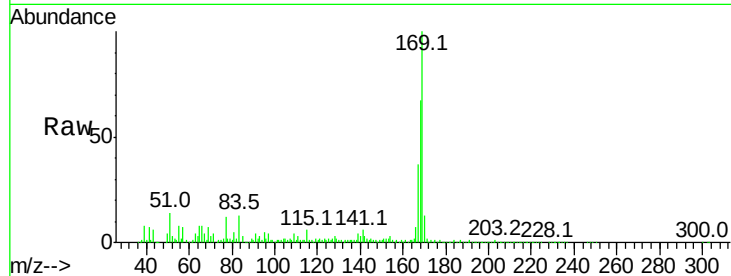
#65
n-Nitrosodiphenylamine
Concen: 54.352 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	619130		
168	67.2		54.4	81.6
167	37.0		29.8	44.6

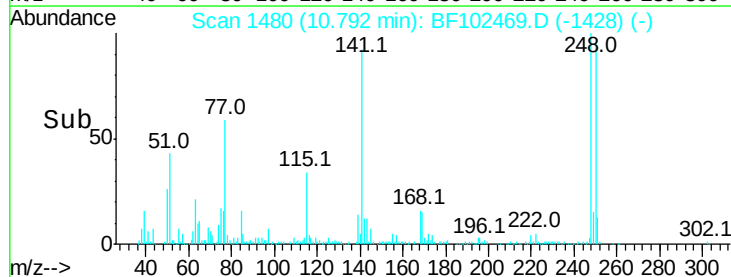
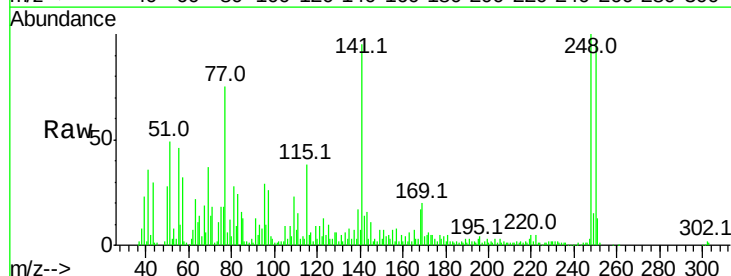
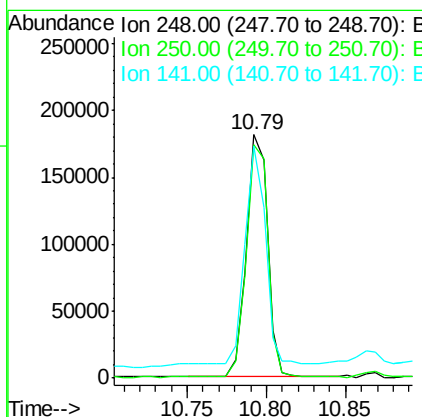
Manual Integrations
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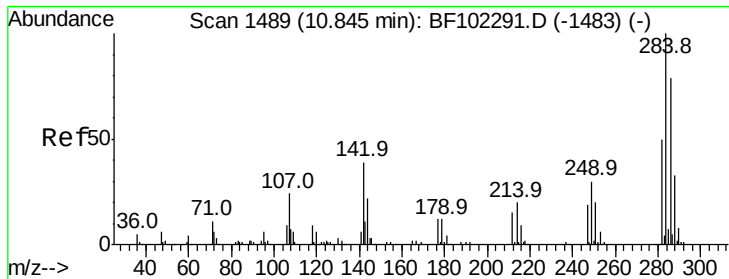
Sohil
1/27/2018 1:46:48 PM



#66
4-Bromophenyl-phenylether
Concen: 50.355 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	168232		
250	96.1		76.9	115.3
141	95.5		74.4	111.6





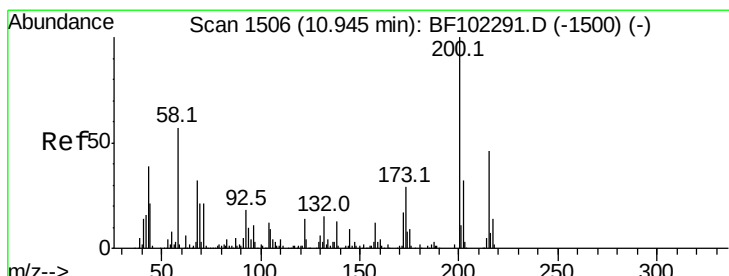
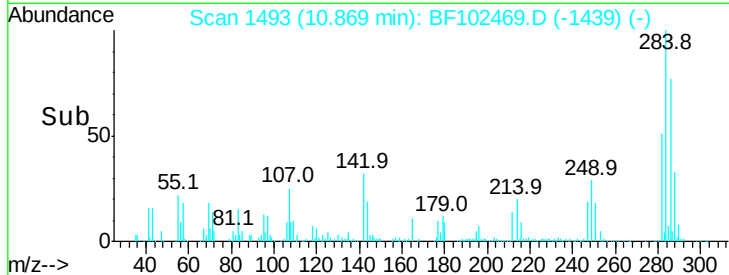
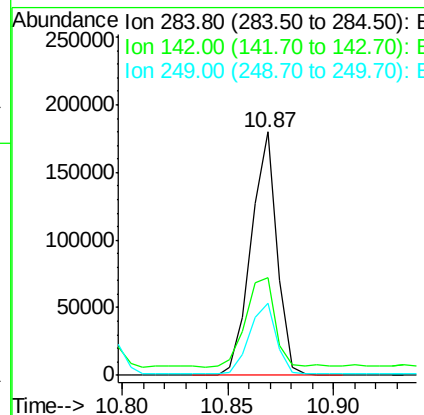
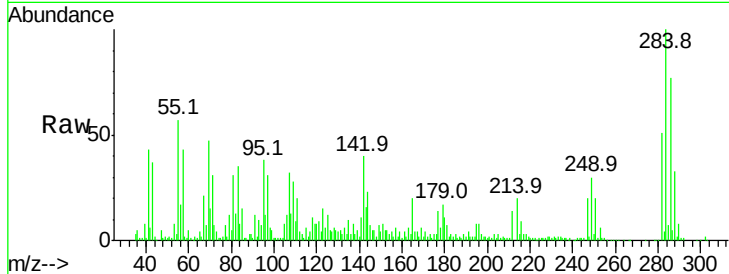
#67
Hexachlorobenzene
Concen: 40.954 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.1	34.6	52.0	
249	29.7	24.8	37.2	

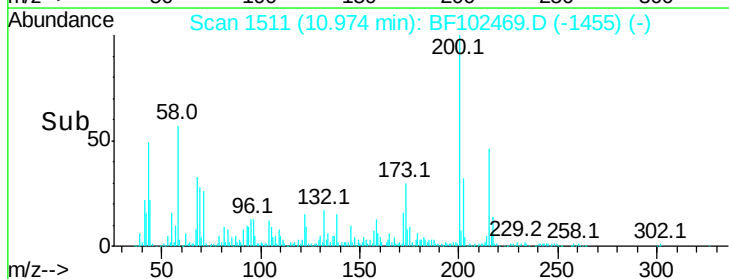
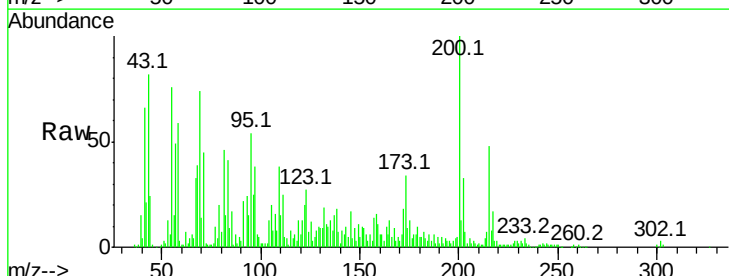
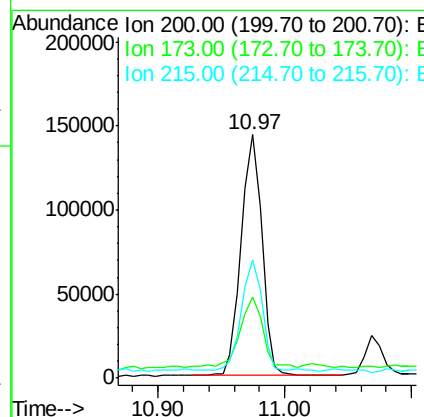
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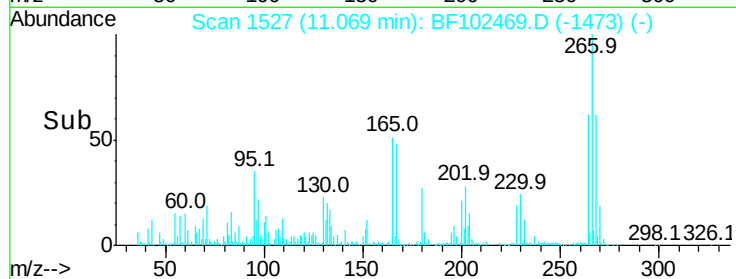
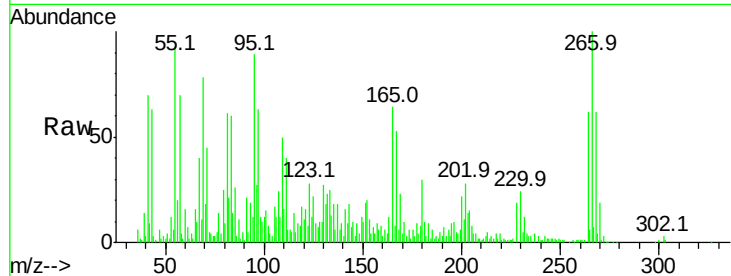
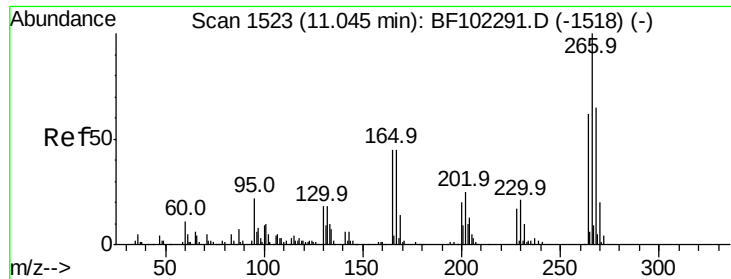
Sohil
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#68
Atrazine
Concen: 48.282 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.03 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	33.5	8.6	48.6	
215	48.3	25.1	65.1	





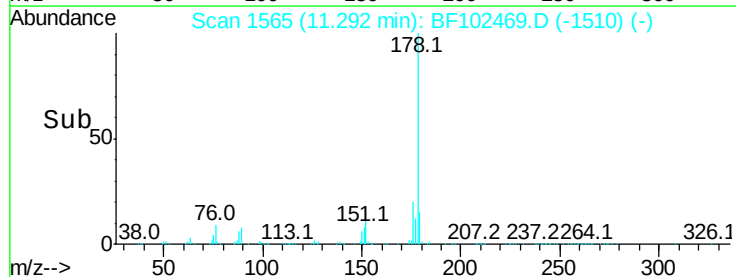
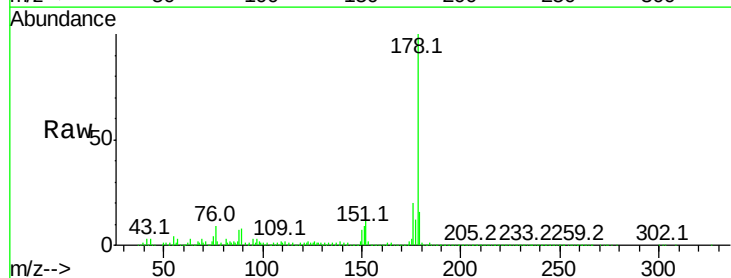
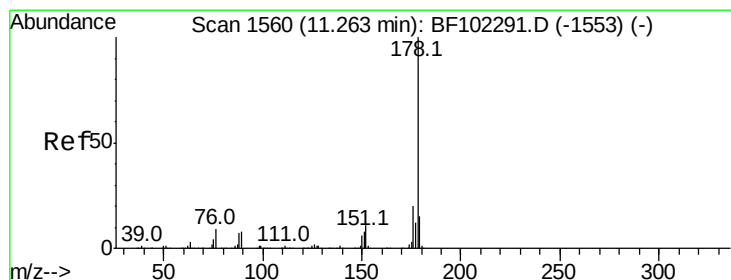
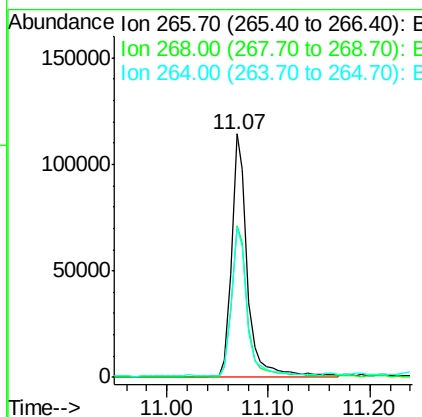
#69
 Pentachlorophenol
 Concen: 64.103 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tot Ion	Ratio	Resp	Lower	Upper
266	100	125823		
268	62.2		51.1	76.7
264	61.7		49.5	74.3

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MSD

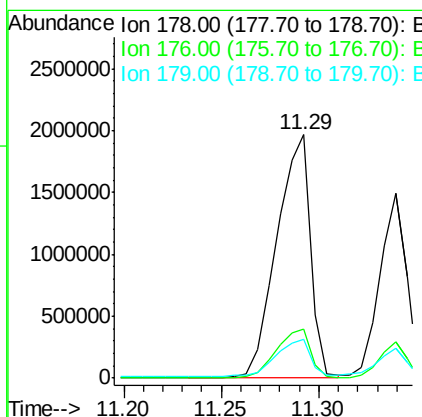
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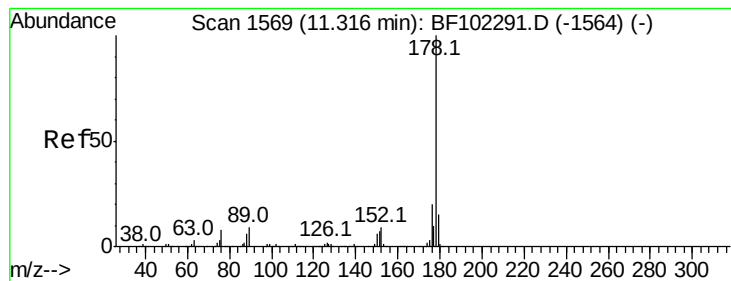
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#70
 Phenanthrene
 Concen: 128.561 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2325022		
176	20.1		15.8	23.8
179	16.0		13.0	19.6





#71

Anthracene

Concen: 74.122 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:178 Resp: 1368231

Ion Ratio Lower Upper

178 100

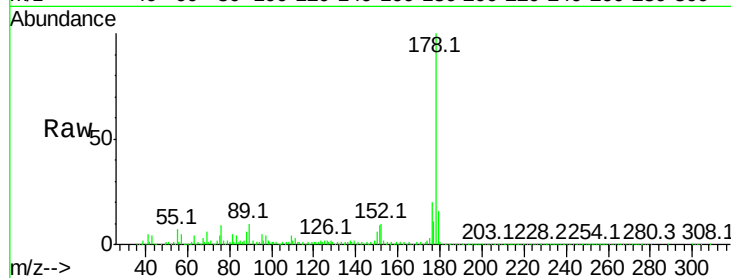
176 19.7 15.4 23.2

179 16.2 12.6 19.0

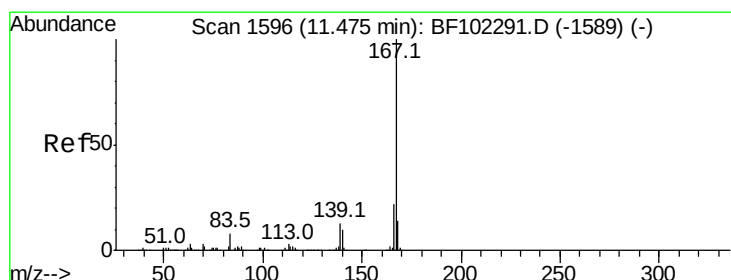
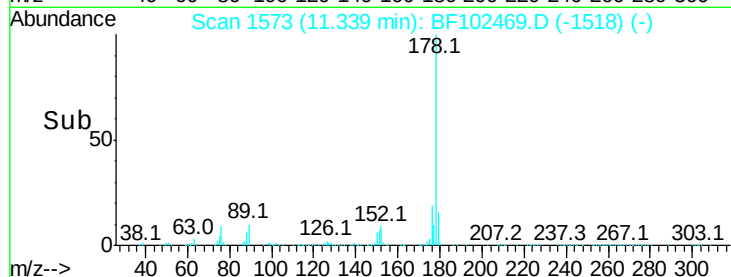
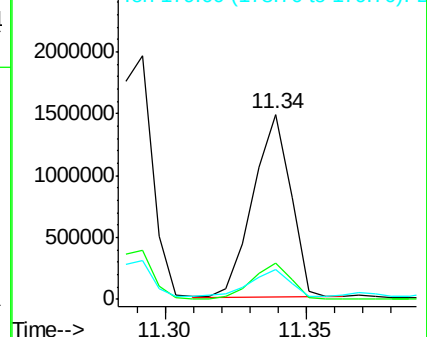
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.148 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

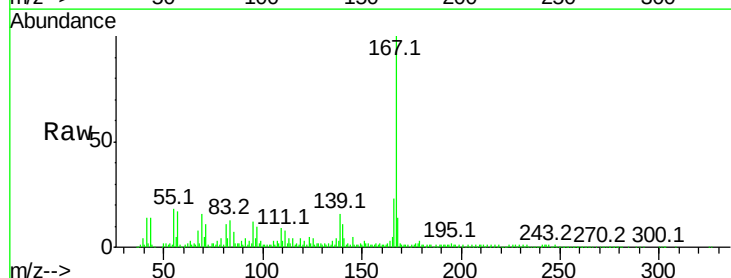
Tgt Ion:167 Resp: 849062

Ion Ratio Lower Upper

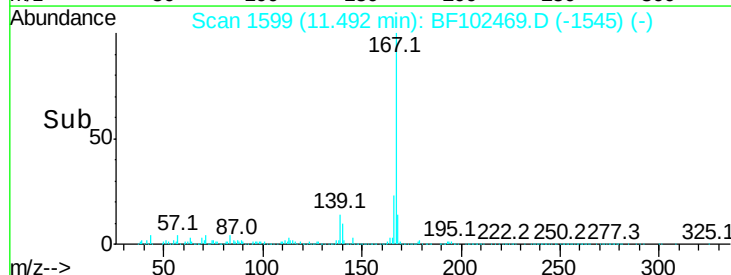
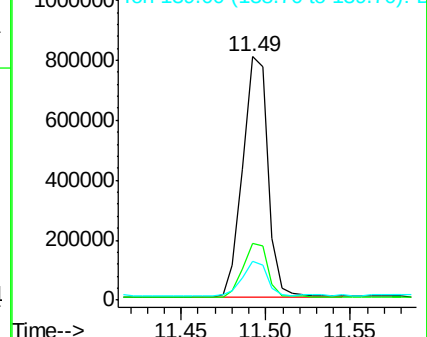
167 100

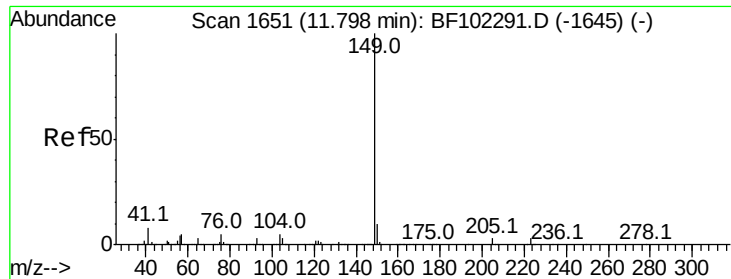
166 23.2 17.6 26.4

139 15.7 10.9 16.3



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





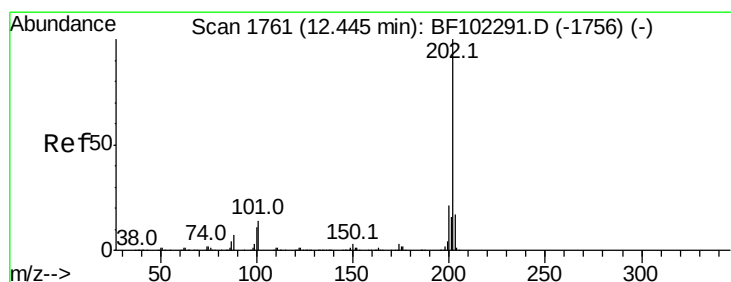
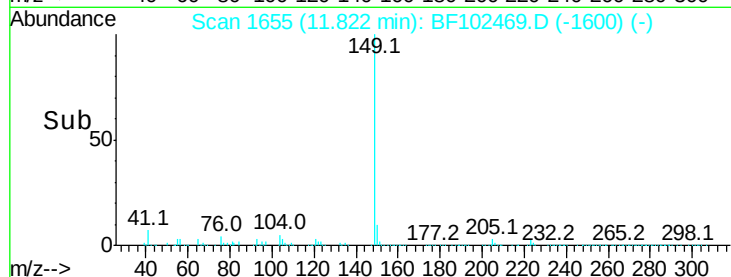
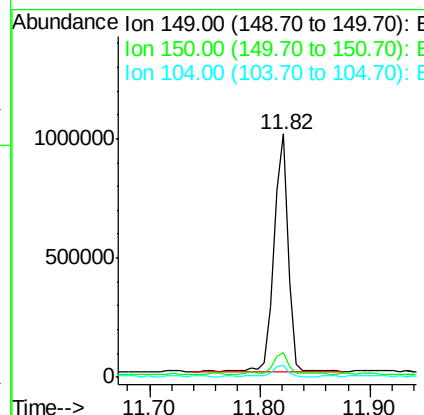
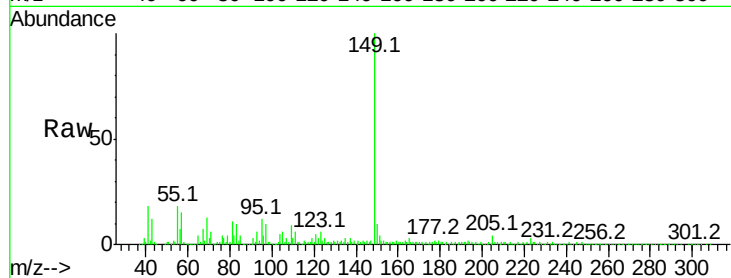
#73
Di-n-butylphthalate
Concen: 39.725 ng
RT: 11.82 min Scan# 1655
Delta R.T. 0.02 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.4	7.8	11.6	
104	4.9	3.8	5.8	

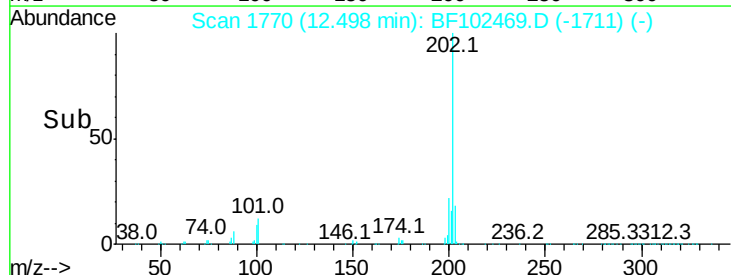
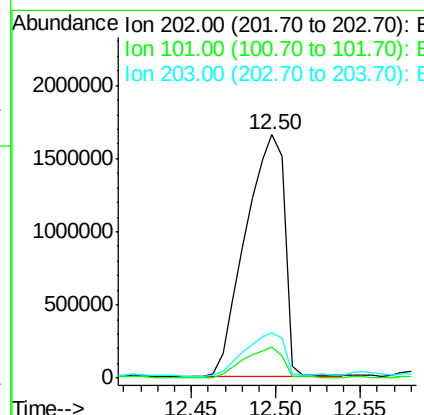
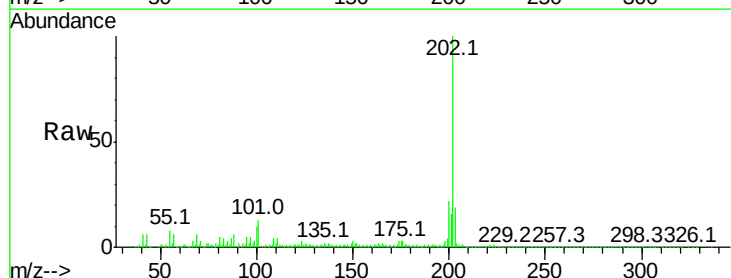
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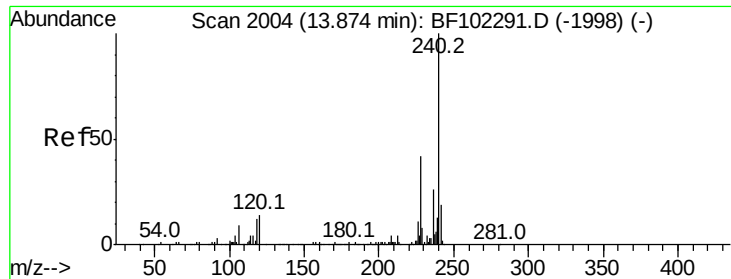
Sohil
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#74
Fluoranthene
Concen: 145.429 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.05 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.6	0.0	34.1	
203	18.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.06 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

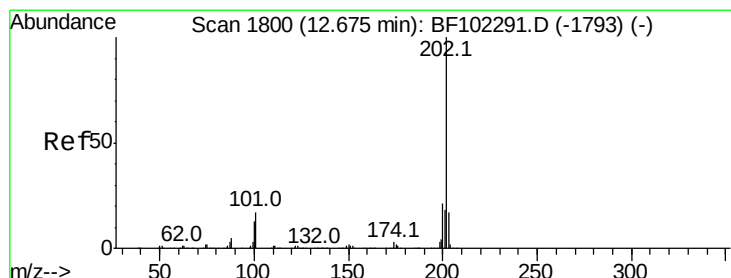
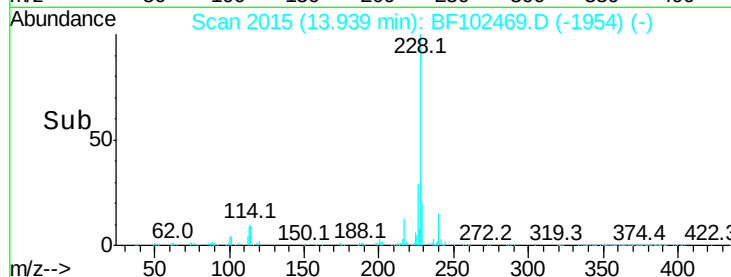
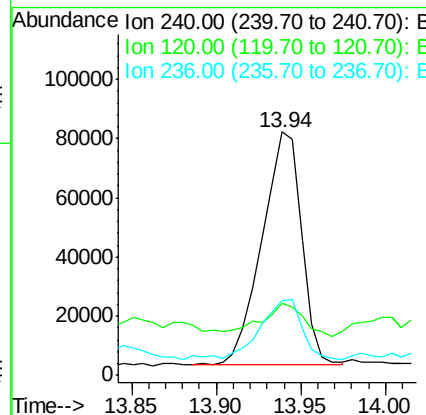
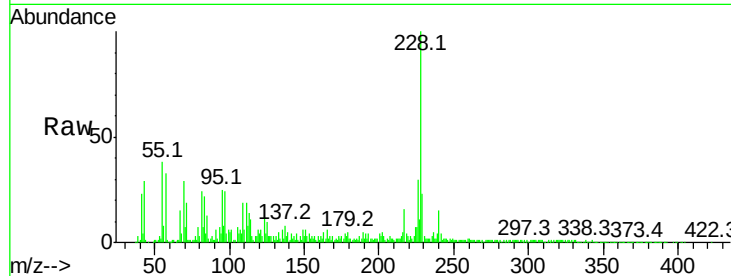
ClientSampleId :

WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	29.7	9.5	14.3#
236	30.5	20.7	31.1

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#77

Pyrene

Concen: 230.729 ng

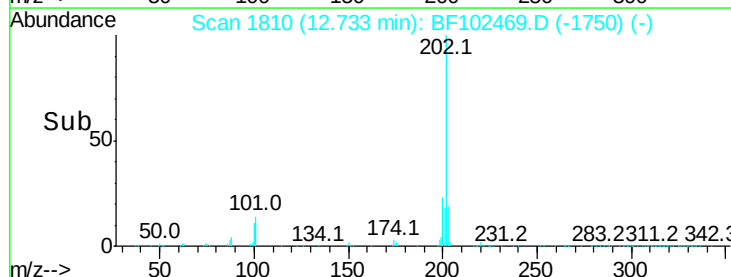
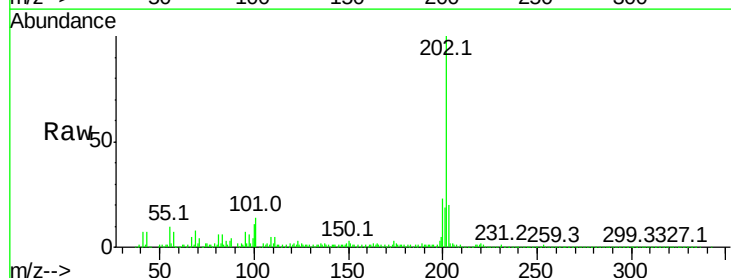
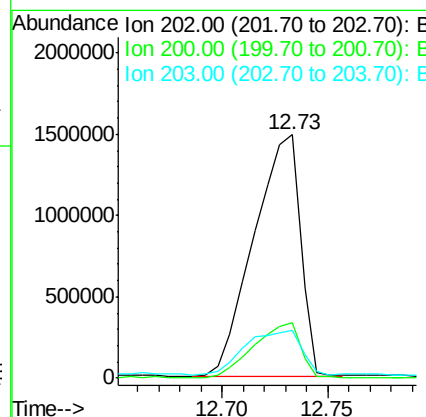
RT: 12.73 min Scan# 1810

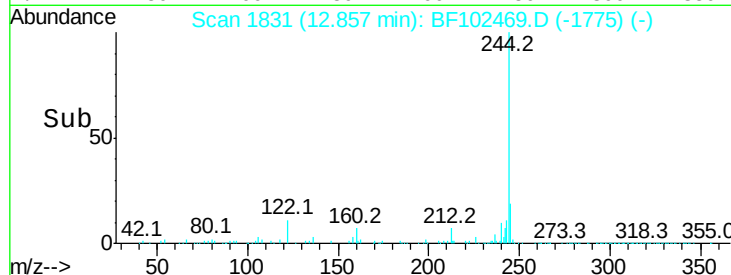
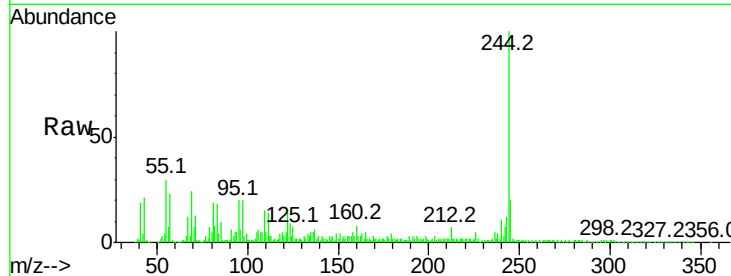
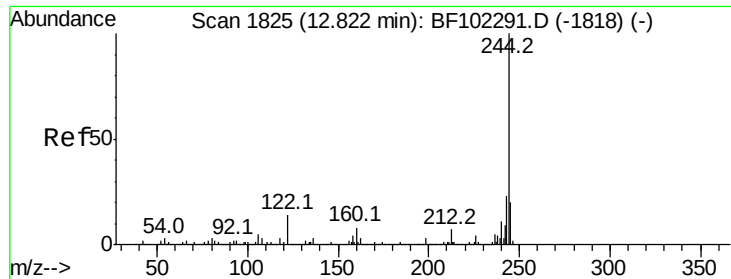
Delta R.T. 0.05 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	19.8	14.3	21.5





#78

Terphenyl-d14

Concen: 119.115 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.03 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:244 Resp: 676602

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

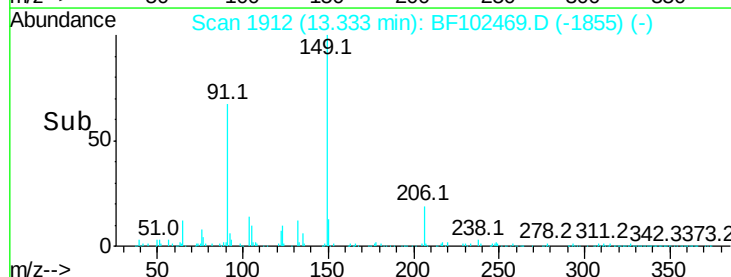
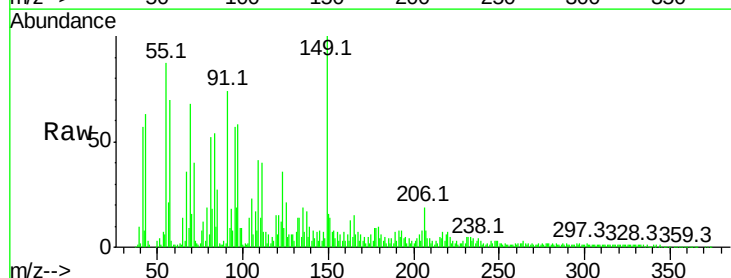
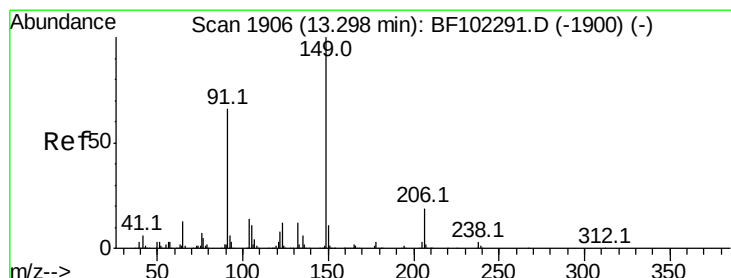
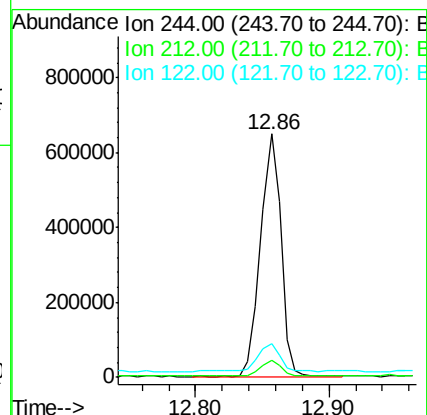
122 13.7 11.0 16.4

Manual Integrations

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#79

Butylbenzylphthalate

Concen: 52.810 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.04 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

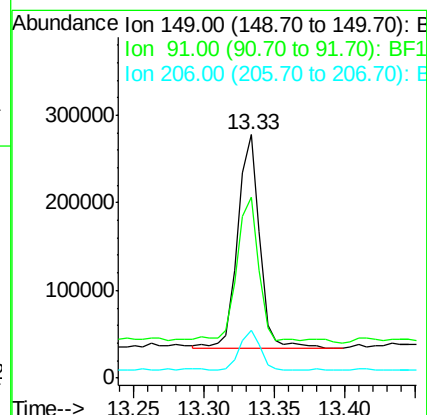
Tgt Ion:149 Resp: 260199

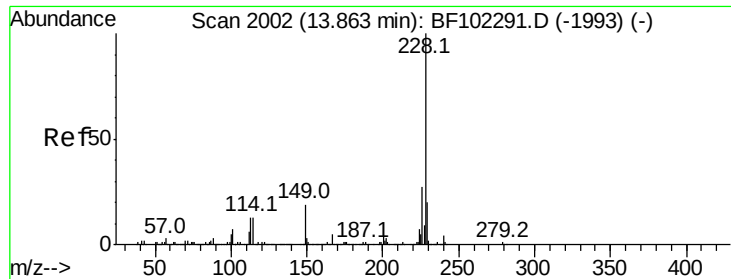
Ion Ratio Lower Upper

149 100

91 74.2 56.8 85.2

206 19.5 14.1 21.1





#80

Benzo(a)anthracene

Concen: 168.024 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.06 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

WC-11(0-5)MSD

Tot Ion:228 Resp: 1324671

Ion Ratio Lower Upper

228 100

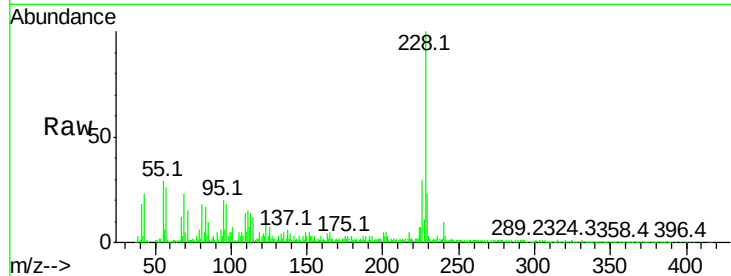
226 30.0 22.6 33.8

229 22.7 15.8 23.6

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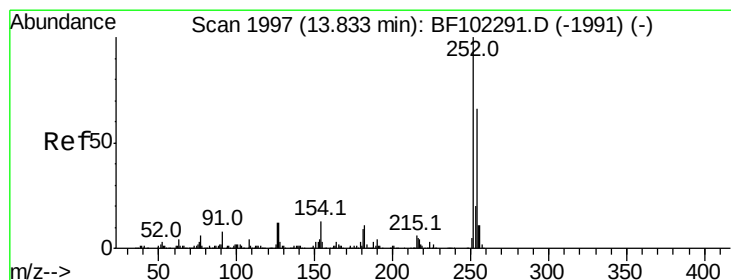
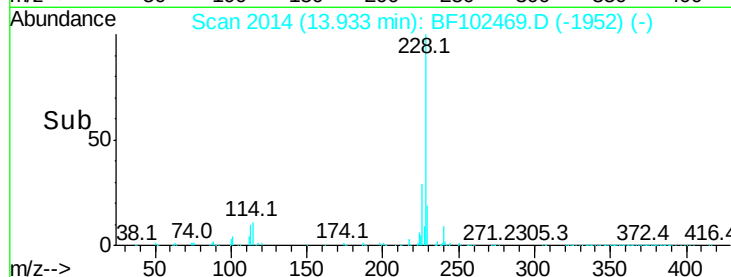
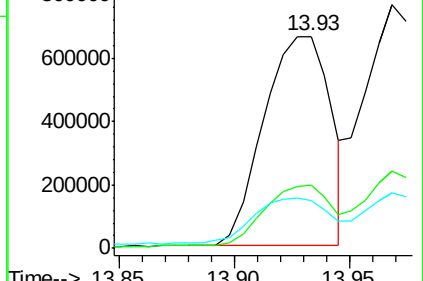
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.170 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.05 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

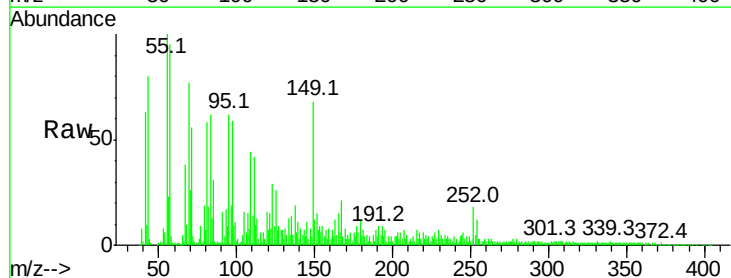
Tgt Ion:252 Resp: 55440

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

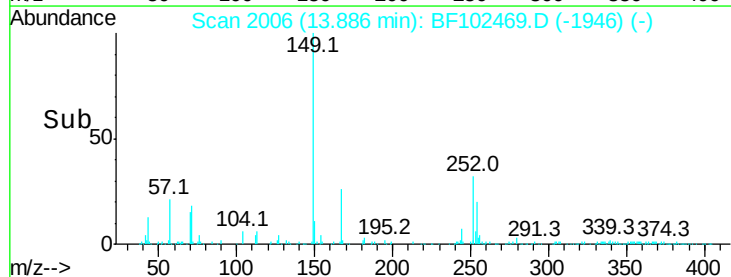
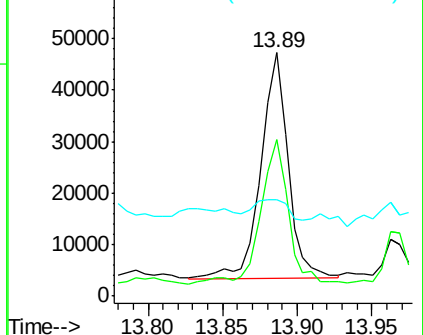
126 39.5 11.3 16.9#

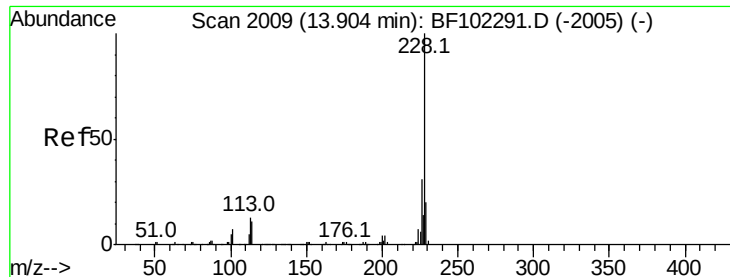


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





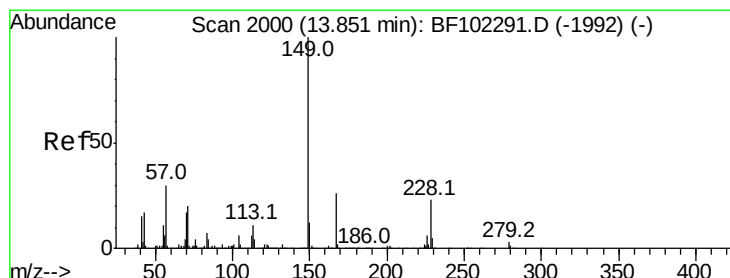
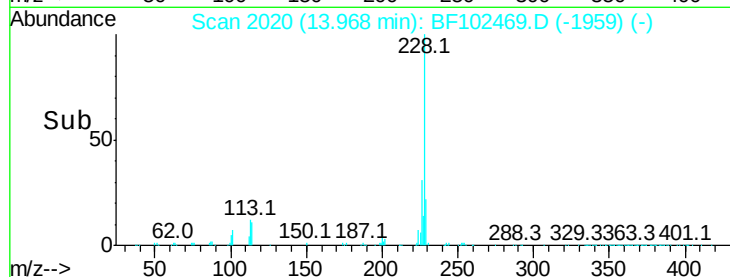
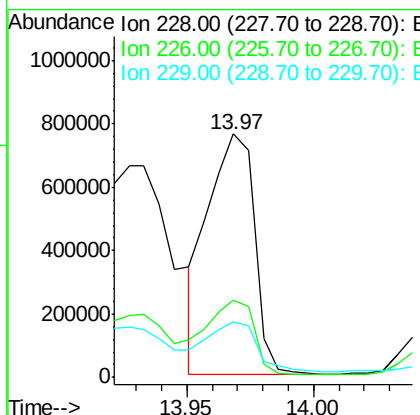
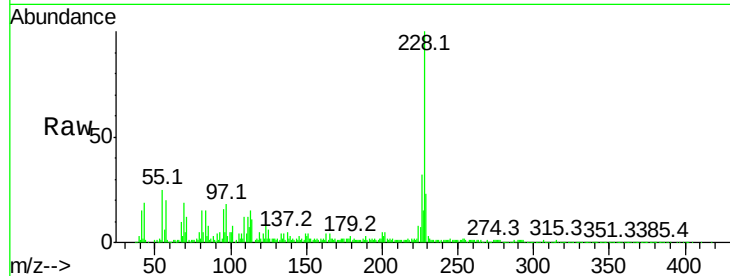
#82
Chrysene
Concen: 120.649 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.06 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	23.0	16.2	24.4

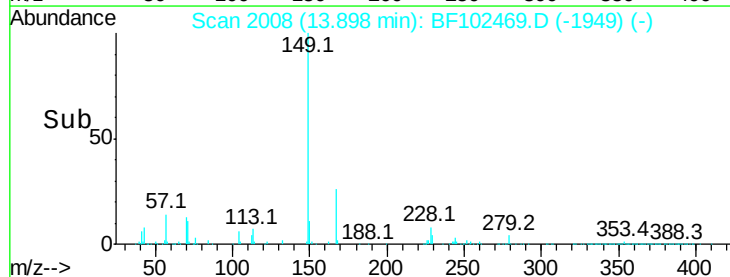
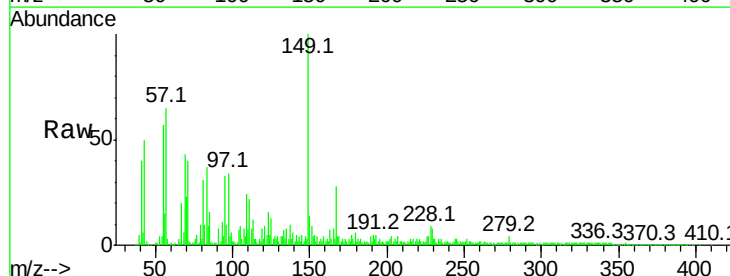
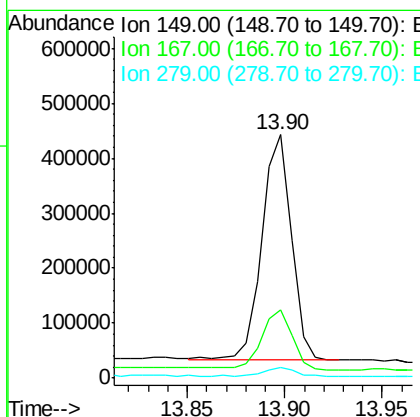
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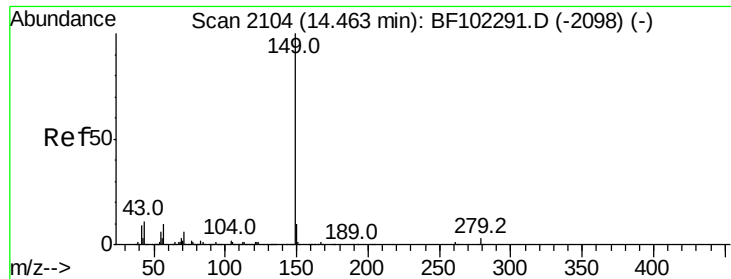
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 65.120 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	4.4	3.0	4.4#





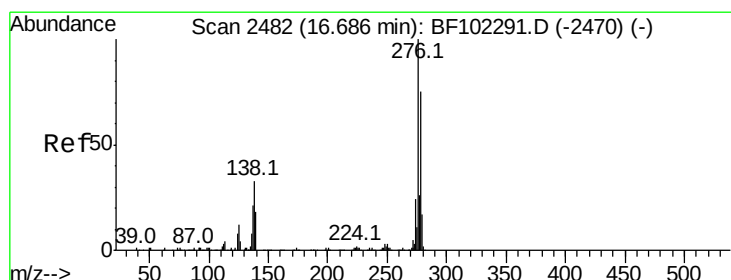
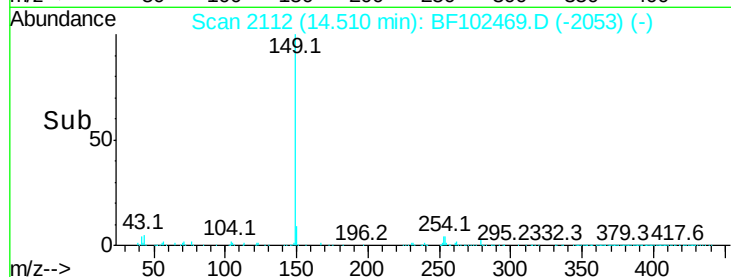
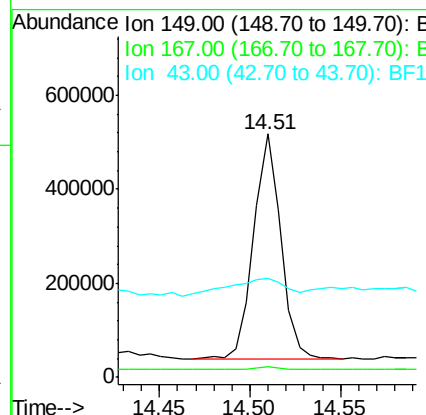
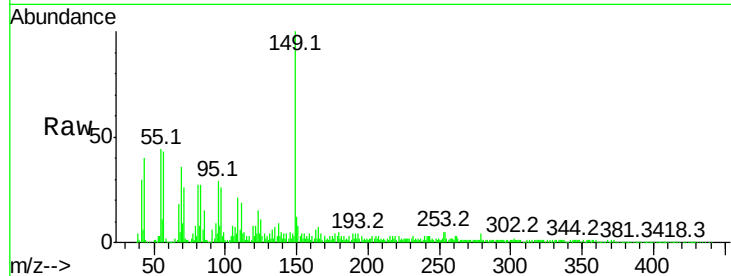
#84
Di-n-octyl phthalate
Concen: 46.753 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.05 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.3	1.2	1.8	
43	16.7	8.4	12.6	

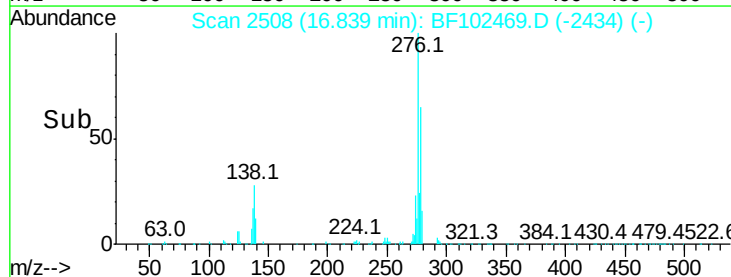
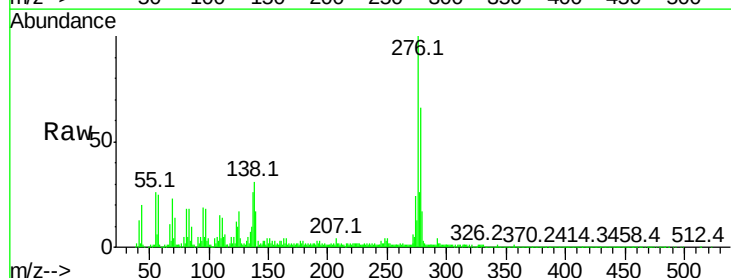
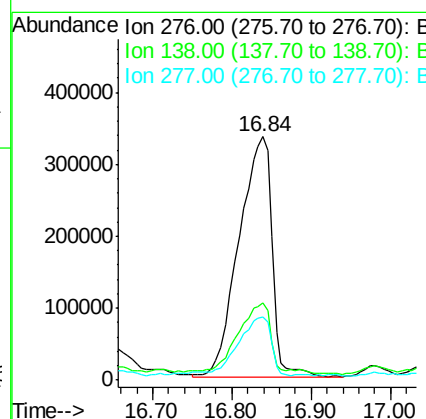
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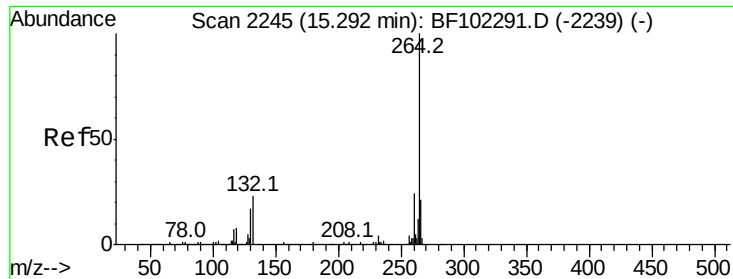
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 146.434 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.14 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	26.8	25.0	37.6	
277	23.5	20.1	30.1	





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.09 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

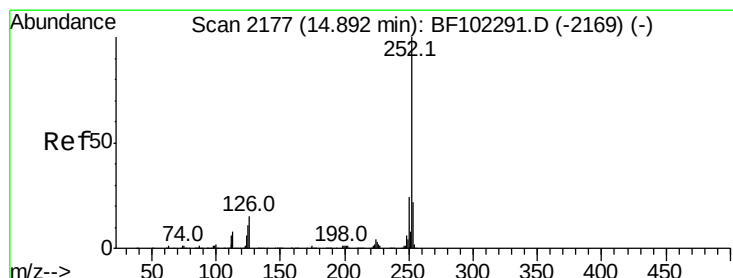
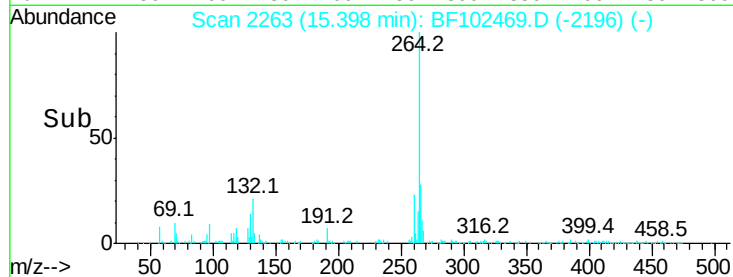
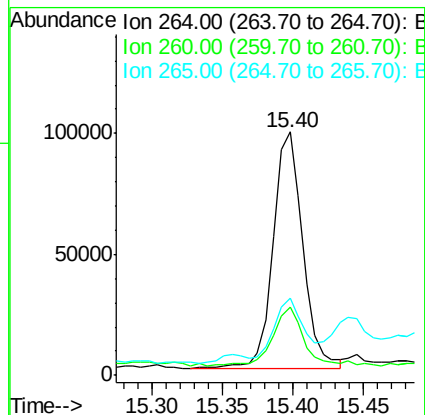
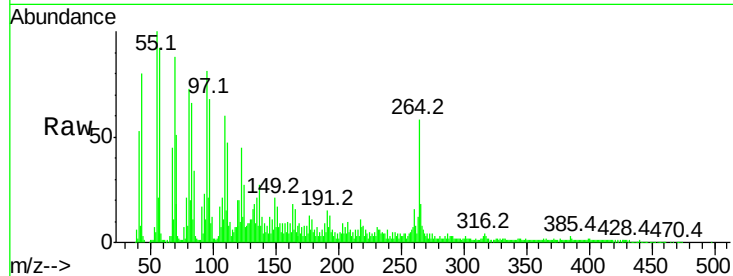
ClientSampleId :

WC-11(0-5)MSD

Tot Ion:	264	Resp:	143302
Ion Ratio	Lower	Upper	
264	100		
260	27.8	19.2	28.8
265	31.7	17.5	26.3#

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 158.039 ng m

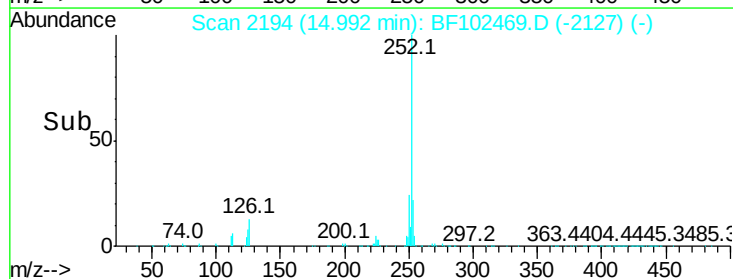
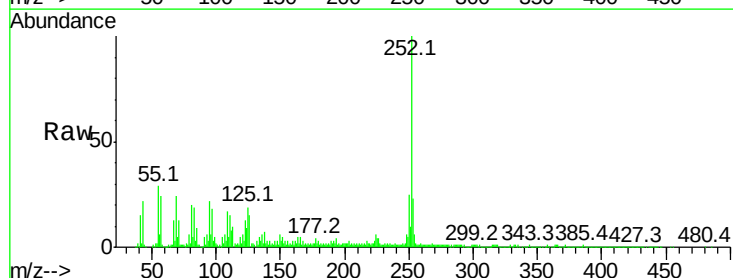
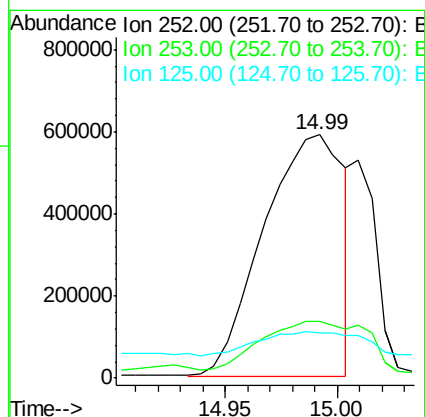
RT: 14.99 min Scan# 2194

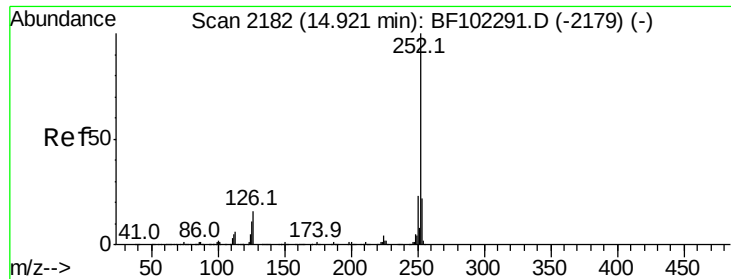
Delta R.T. 0.09 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:	252	Resp:	1467886
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.6
125	18.8	9.0	13.6#





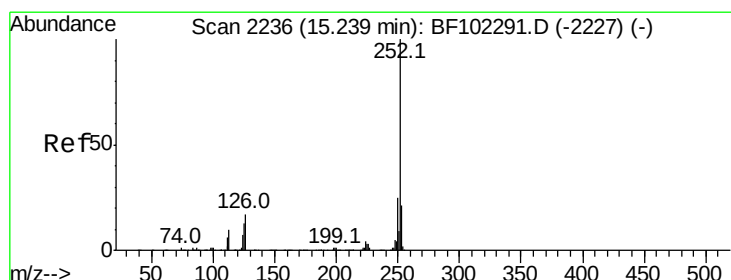
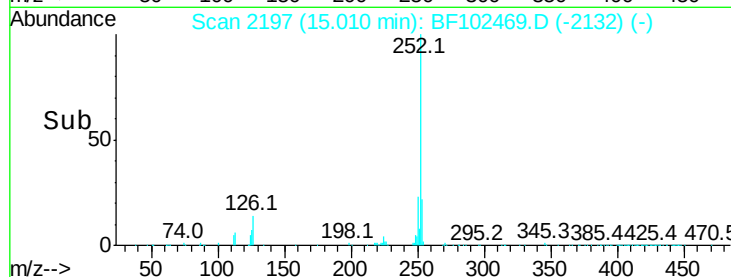
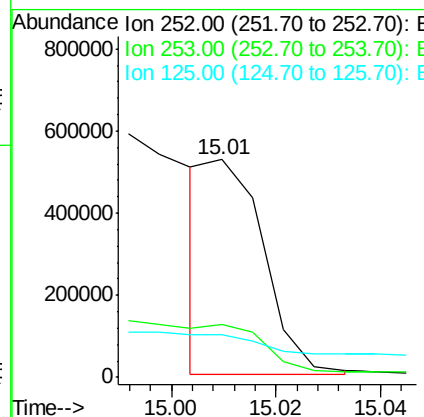
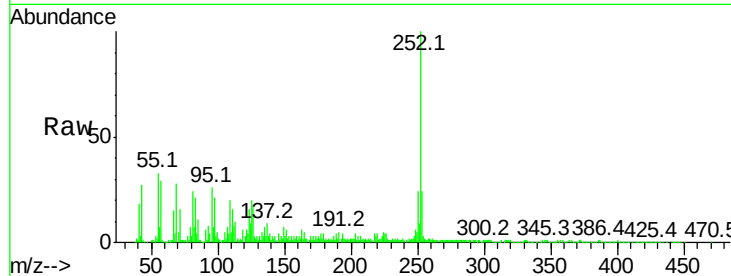
#88
Benzo(k)fluoranthene
Concen: 43.549 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.08 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	19.6	10.2	15.2

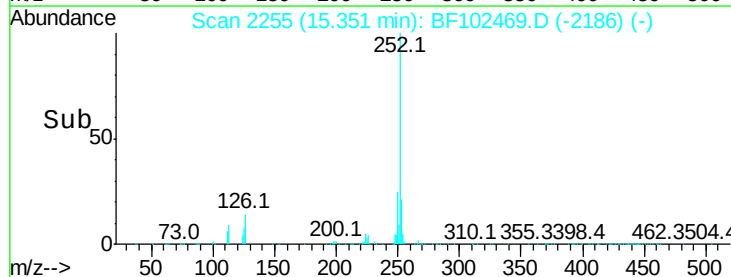
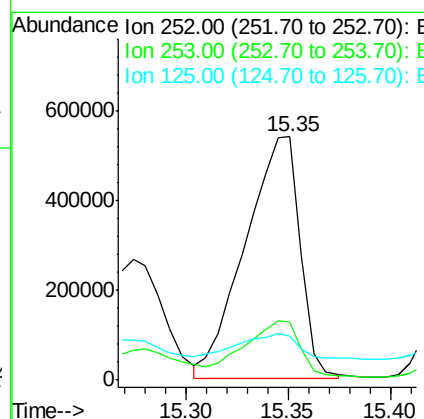
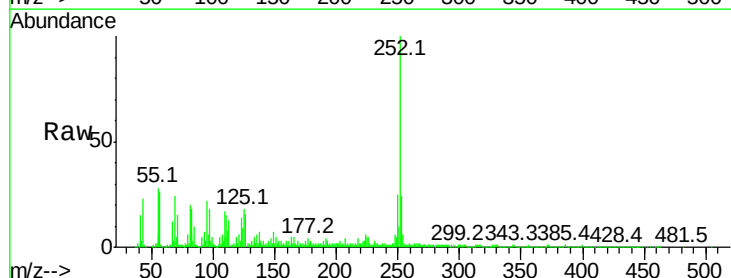
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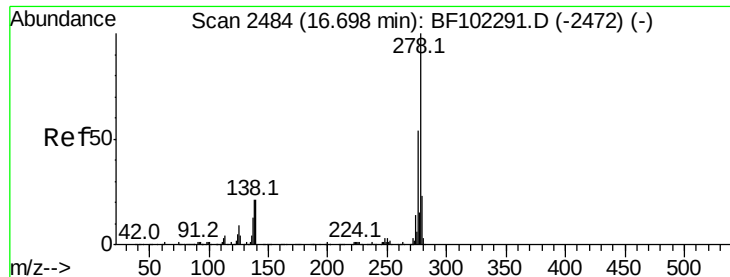
Sohil
1/27/2018 1:46:48 PM



#89
Benzo(a)pyrene
Concen: 120.585 ng m
RT: 15.35 min Scan# 2255
Delta R.T. 0.11 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	18.2	9.8	14.6





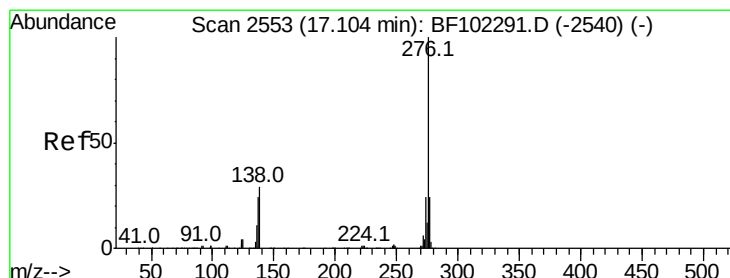
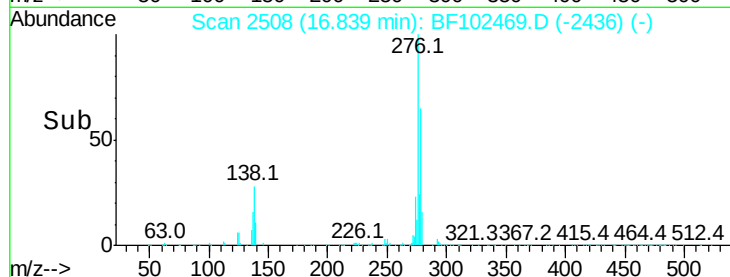
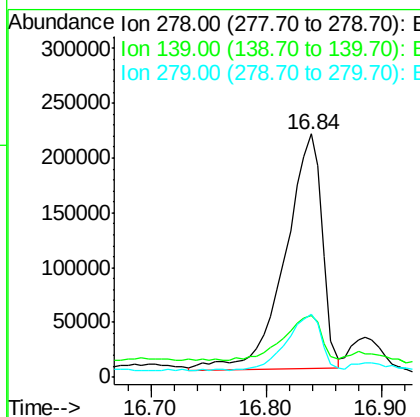
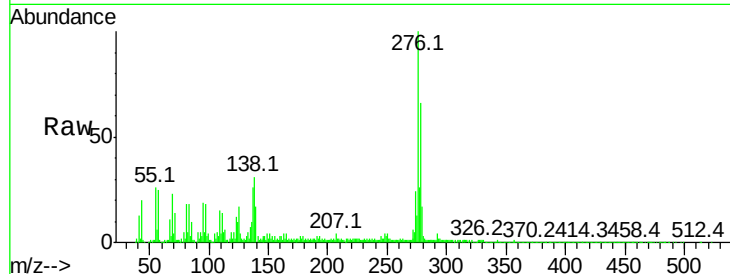
#90
Dibenzo(a,h)anthracene
Concen: 69.937 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.12 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :
WC-11(0-5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.2	15.9	23.9#
279	26.0	19.0	28.4

Manual Integrations
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1/27/2018 1:46:48 PM



#91
Benzo(g,h,i)perylene
Concen: 130.653 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.14 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	29.0	21.8	32.8

