

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102435.D
 Acq On : 25 Jan 2018 20:38
 Operator : SJ/JU
 Sample : J1251-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:33 AM

Quant Time: Jan 26 00:44:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140591	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	582355	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	255995	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	414717	20.00	ng	0.00
75) Chrysene-d12	13.88	240	255338	20.00	ng	0.00
86) Perylene-d12	15.30	264	257690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	997081	107.53	ng	0.01
7) Phenol-d6	6.37	99	1215432	108.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	769940	75.98	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	225226	88.79	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1237894	71.10	ng	0.00
78) Terphenyl-d14	12.82	244	950479	83.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	125941	28.587	ng	98
3) Pyridine	3.12	79	181176	15.737	ng	95
4) n-Nitrosodimethylamine	3.06	42	184659	40.912	ng	94
6) Aniline	6.39	93	314470	21.269	ng	# 9
8) 2-Chlorophenol	6.50	128	380830	39.181	ng	99
9) Benzaldehyde	6.27	77	209789	31.516	ng	96
10) Phenol	6.38	94	492862	40.386	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	376423	40.555	ng	100
12) 1,3-Dichlorobenzene	6.66	146	393773	34.064	ng	98
13) 1,4-Dichlorobenzene	6.73	146	394814	34.096	ng	99
14) 1,2-Dichlorobenzene	6.89	146	377806	35.670	ng	99
15) Benzyl Alcohol	6.87	79	299603	37.986	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	569622	36.591	ng	90
17) 2-Methylphenol	6.99	107	313949	37.191	ng	# 93
18) Hexachloroethane	7.22	117	138709	34.376	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	249523	36.475	ng	97
20) 3+4-Methylphenols	7.14	107	383582	38.636	ng	# 85
22) Acetophenone	7.13	105	527806	38.020	ng	# 94
24) Nitrobenzene	7.30	77	399572	38.529	ng	97
25) Isophorone	7.55	82	721532	39.939	ng	98
26) 2-Nitrophenol	7.62	139	212766	38.981	ng	96
27) 2,4-Dimethylphenol	7.66	122	345269	43.564	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	464271	41.601	ng	100
29) 2,4-Dichlorophenol	7.86	162	330425	40.929	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	315810	36.493	ng	98
31) Naphthalene	8.02	128	1068306	36.742	ng	99
32) Benzoic acid	7.80	122	160745	24.208	ng	96
33) 4-Chloroaniline	8.08	127	275403	22.524	ng	99
34) Hexachlorobutadiene	8.13	225	162721	35.205	ng	98
35) Caprolactam	8.46	113	105602m	39.607	ng	
36) 4-Chloro-3-methylphenol	8.57	107	348055	40.901	ng	99
37) 2-Methylnaphthalene	8.72	142	736544	38.037	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	289977	37.650	ng	99
40) Hexachlorocyclopentadiene	8.86	237	141194	40.964	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	207225	40.192	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	218919	37.711	nq	96
45) 1,1'-Biphenyl	9.18	154	851163	37.185	nq	97
46) 2-Chloronaphthalene	9.20	162	656940	36.923	nq	98
47) 2-Nitroaniline	9.30	65	220106	39.680	nq	94
48) Acenaphthylene	9.62	152	977816	35.276	nq	100
49) Dimethylphthalate	9.48	163	990354	46.804	nq	99
50) 2,6-Dinitrotoluene	9.55	165	176892	38.775	nq	96
51) Acenaphthene	9.79	154	578061	35.708	nq	100
52) 3-Nitroaniline	9.72	138	139212	25.795	nq	98
53) 2,4-Dinitrophenol	9.83	184	144155	70.869	nq #	21
54) Dibenzofuran	9.96	168	849641	38.780	nq	98
55) 4-Nitrophenol	9.90	139	259379	72.810	nq	96
56) 2,4-Dinitrotoluene	9.96	165	212927	37.954	nq #	92
57) Fluorene	10.30	166	655568	37.761	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	159457	38.471	nq	99
59) Diethylphthalate	10.18	149	748728	36.413	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	293400	38.979	nq	96
61) 4-Nitroaniline	10.33	138	184789	34.314	nq	95
62) Azobenzene	10.46	77	695452	36.942	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	98706	35.675	nq	95
65) n-Nitrosodiphenylamine	10.42	169	613513	40.305	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	179551	40.218	nq	92
67) Hexachlorobenzene	10.85	284	176416	35.333	nq	93
68) Atrazine	10.95	200	189257	42.098	nq	99
69) Pentachlorophenol	11.05	266	167994	64.050	nq	98
70) Phenanthrene	11.26	178	902766	37.356	nq	99
71) Anthracene	11.32	178	932143	37.790	nq	100
72) Carbazole	11.47	167	865894	35.983	nq	100
73) Di-n-butylphthalate	11.80	149	1133195	37.673	nq	100
74) Fluoranthene	12.45	202	817252	33.162	nq	98
76) Benzidine	12.57	184	127433	14.856	nq	98
77) Pyrene	12.68	202	797061	40.374	nq	98
79) Butylbenzylphthalate	13.30	149	407021	41.429	nq	96
80) Benzo(a)anthracene	13.87	228	609524	38.773	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	187296	32.478	nq	98
82) Chrysene	13.90	228	601994	37.710	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	557756	42.244	nq #	99
84) Di-n-octyl phthalate	14.47	149	878348	40.907	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	586354	44.475	nq	98
87) Benzo(b)fluoranthene	14.90	252	577163	34.556	nq	98
88) Benzo(k)fluoranthene	14.93	252	576856	36.556	nq	99
89) Benzo(a)pyrene	15.25	252	567790	37.693	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	492966	40.400	nq	97
91) Benzo(g,h,i)perylene	17.13	276	477984	39.672	nq	99

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

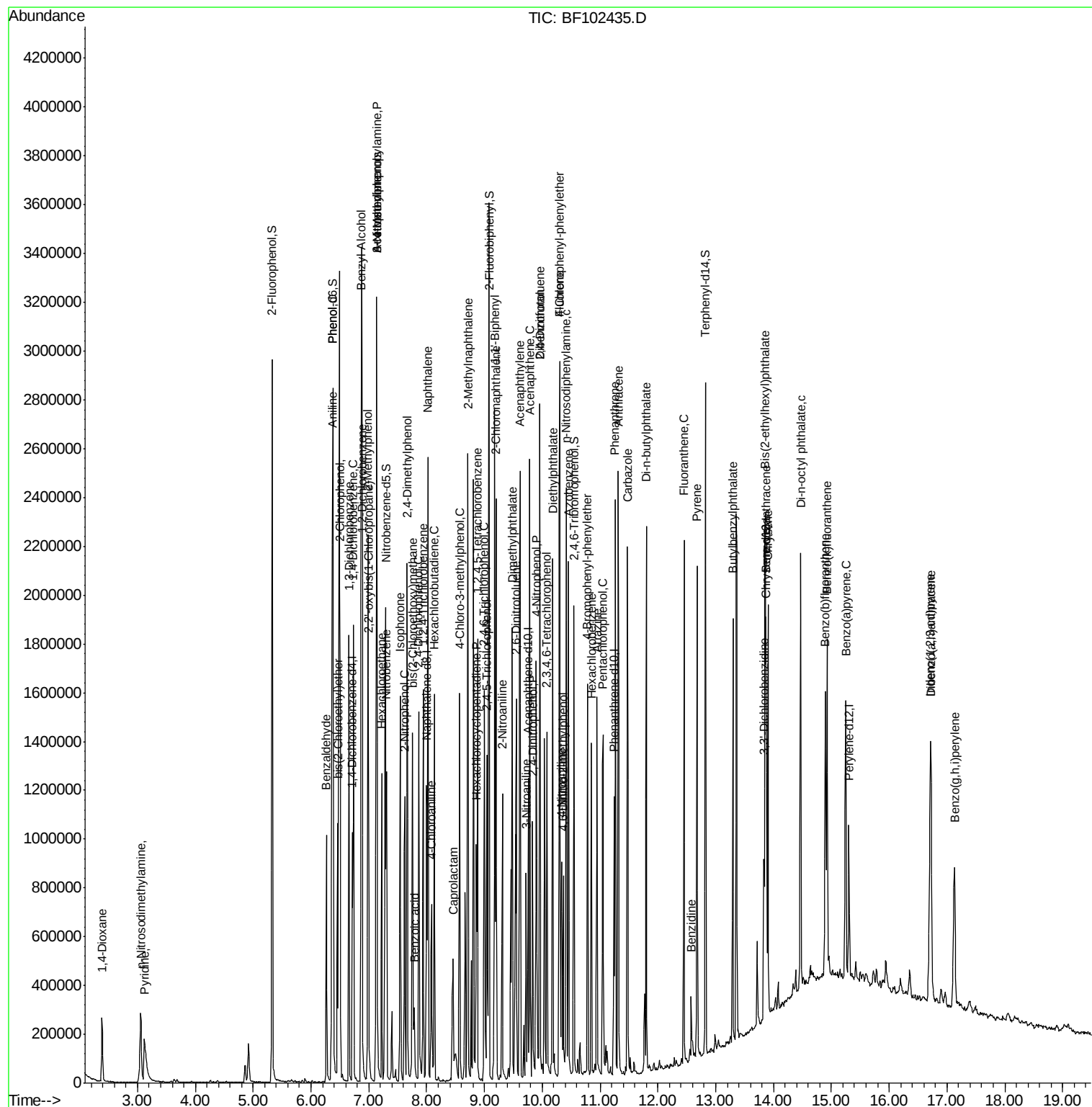
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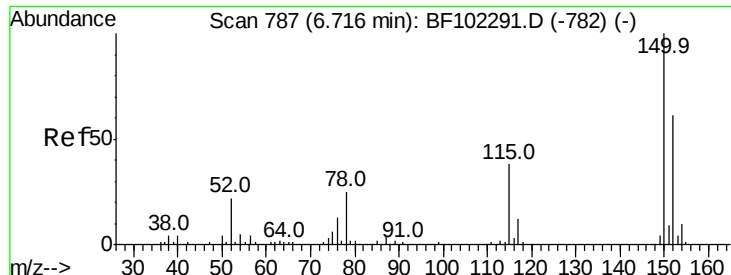
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MSD

Tot Ion:152 Resp: 140591

Ion Ratio Lower Upper

152 100

150 155.4 124.6 186.8

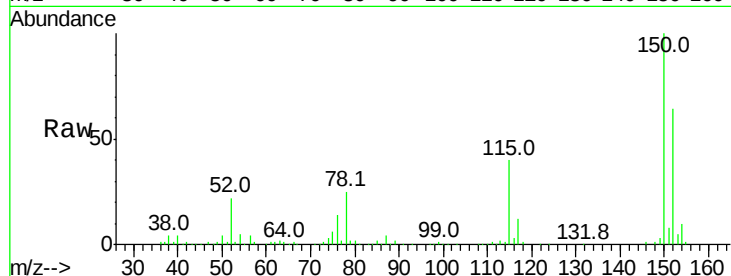
115 61.8 50.1 75.1

Manual Integrations

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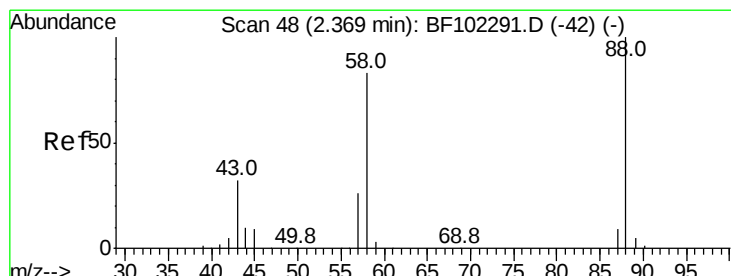
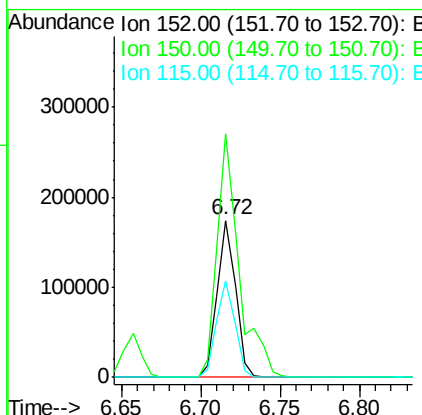
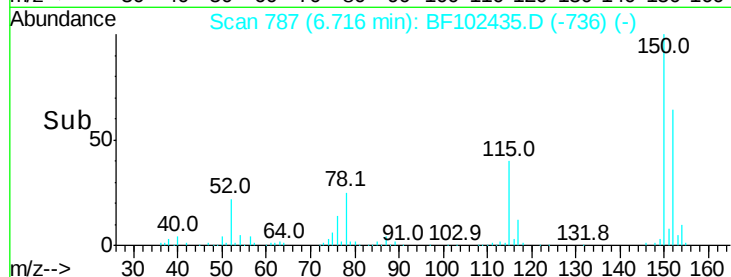
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.587 ng

RT: 2.39 min Scan# 51

Delta R.T. 0.02 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

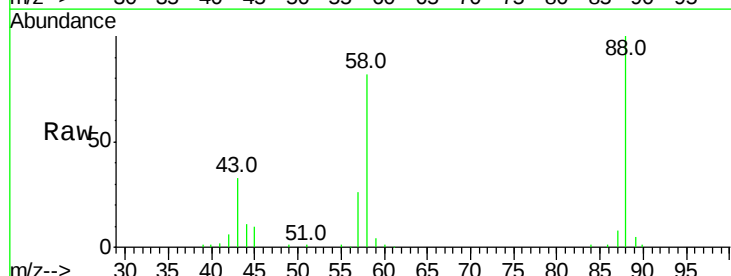
Tgt Ion: 88 Resp: 125941

Ion Ratio Lower Upper

88 100

58 80.2 62.6 93.8

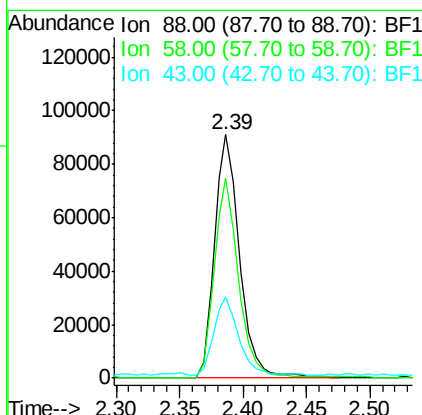
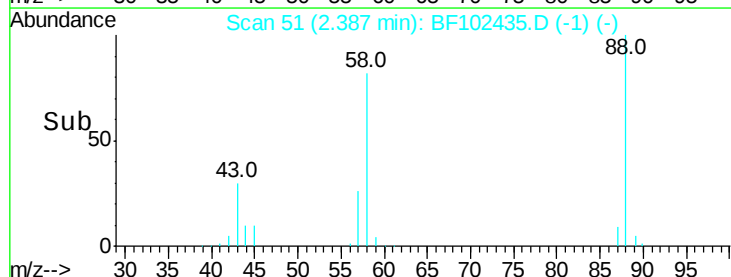
43 32.1 24.6 37.0

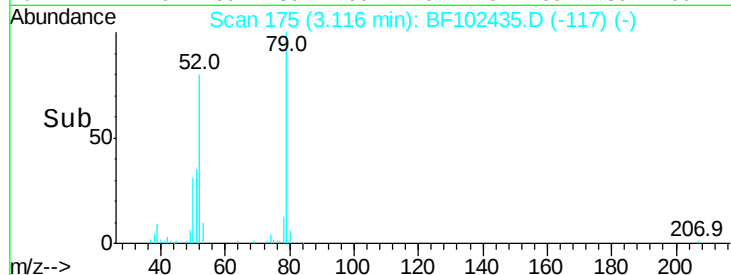
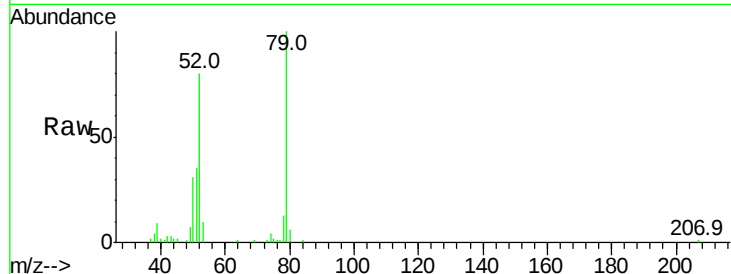
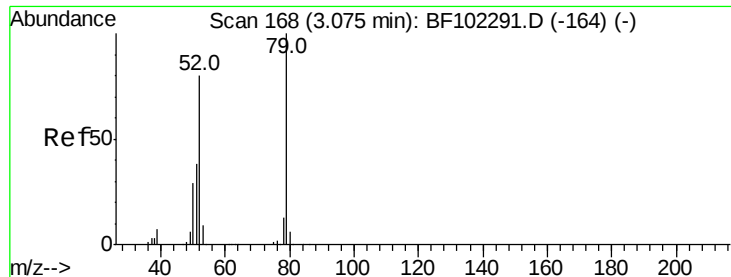


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





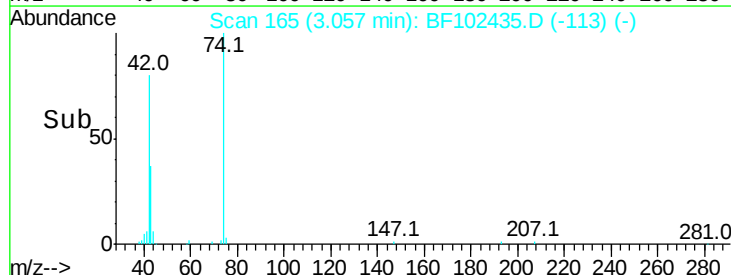
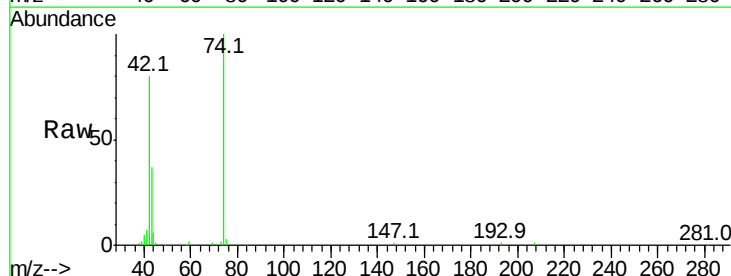
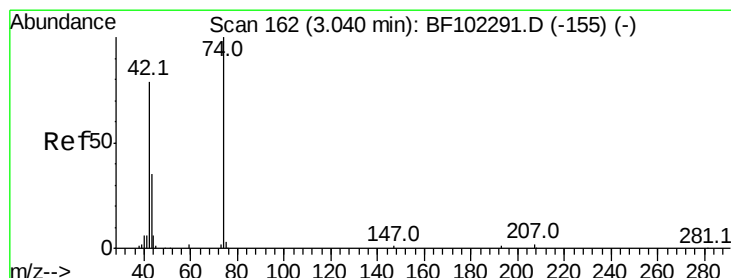
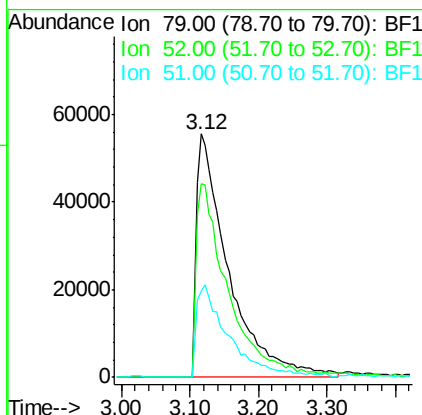
#3
Pvridine
Concen: 15.737 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.04 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tot Ion	79	Resp	181176
Ion Ratio	Lower	Upper	
79	100		
52	79.5	59.8	89.6
51	35.2	29.8	44.8

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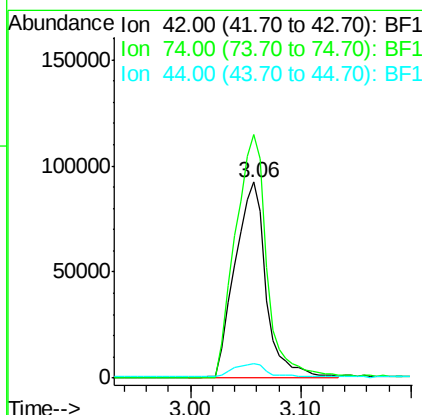
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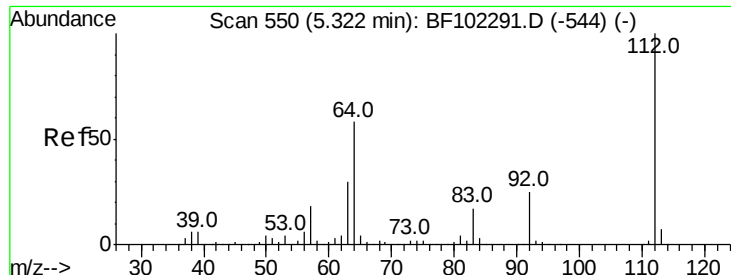
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#4
n-Nitrosodimethylamine
Concen: 40.912 ng
RT: 3.06 min Scan# 165
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	42	Resp	184659
Ion Ratio	Lower	Upper	
42	100		
74	124.3	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 107.534 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

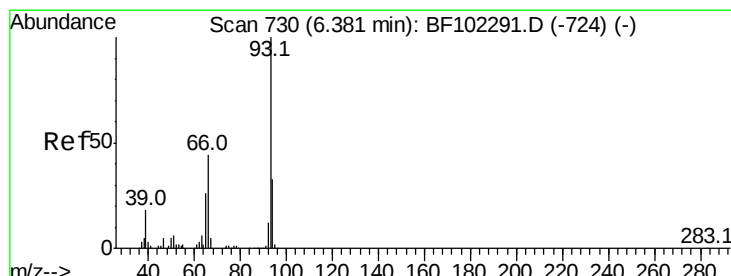
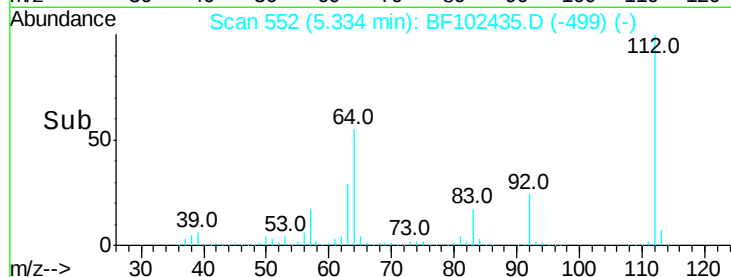
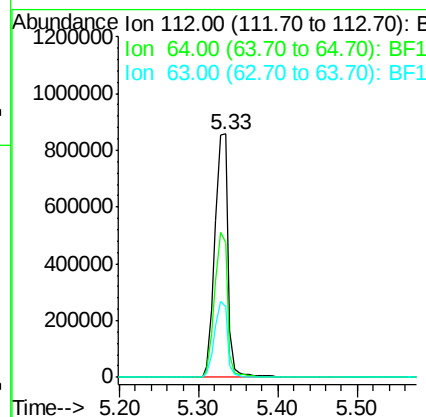
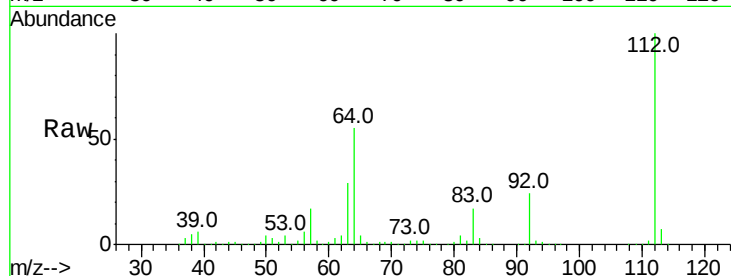
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	112	Resp:	997081
Ion Ratio	Lower	Upper	
112	100		
64	55.5	47.9	71.9
63	29.1	23.7	35.5

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#6

Aniline

Concen: 21.269 ng

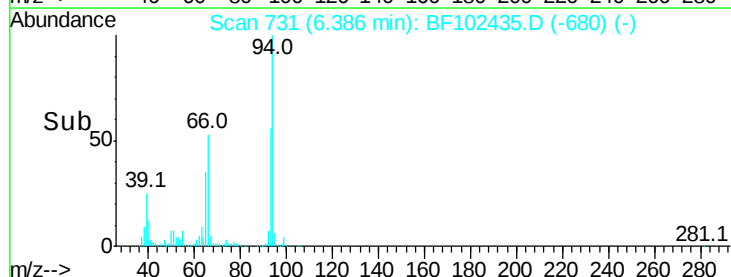
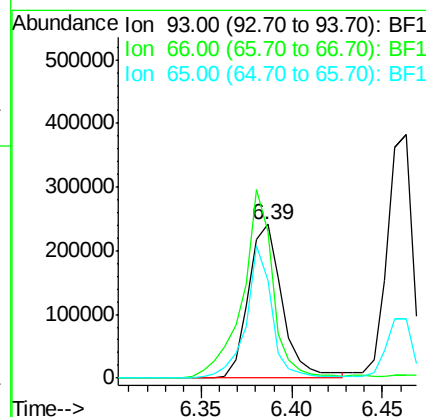
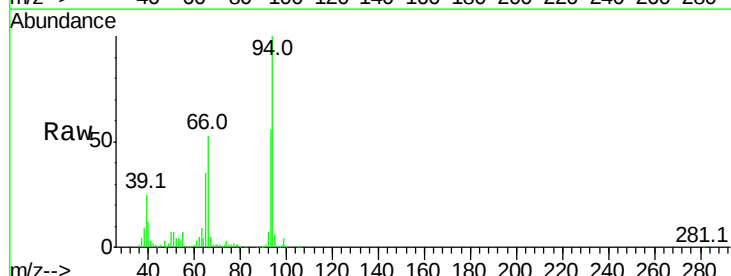
RT: 6.39 min Scan# 731

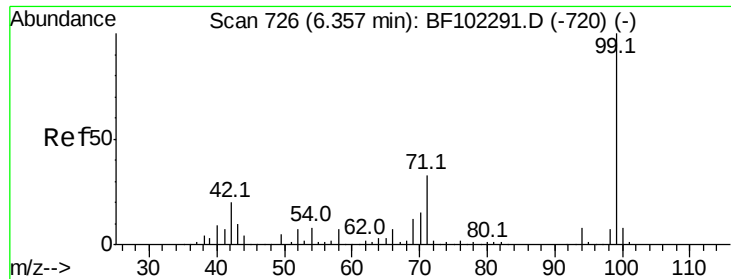
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	93	Resp:	314470
Ion Ratio	Lower	Upper	
93	100		
66	95.7	32.2	48.2#
65	63.5	16.4	24.6#





#7

Phenol-d6

Concen: 108.729 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

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W12-1(0-2)MSD

Tot Ion: 99 Resp: 1215432

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

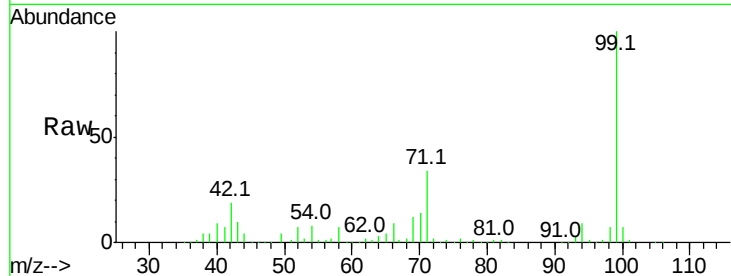
71 33.7 25.4 38.0

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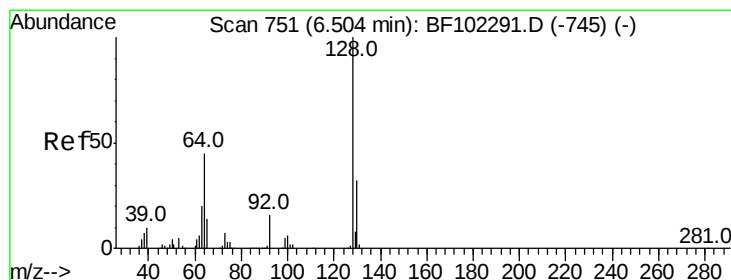
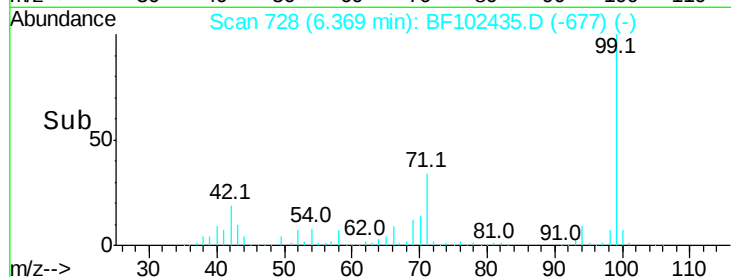
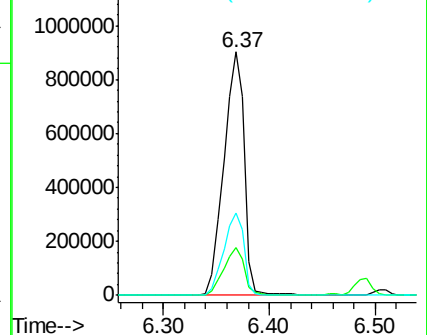
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.181 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

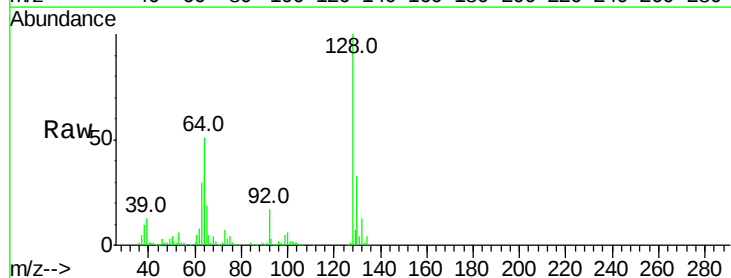
Tgt Ion: 128 Resp: 380830

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

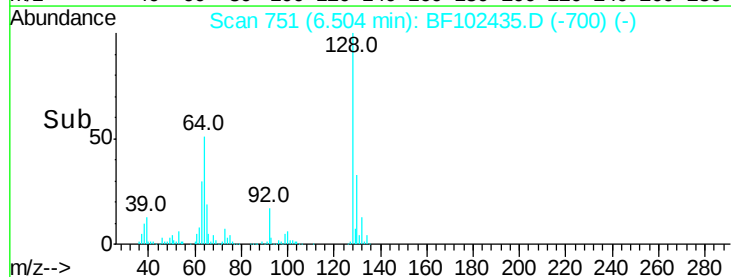
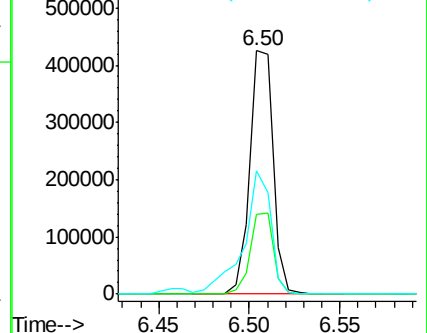
64 50.9 29.4 69.4

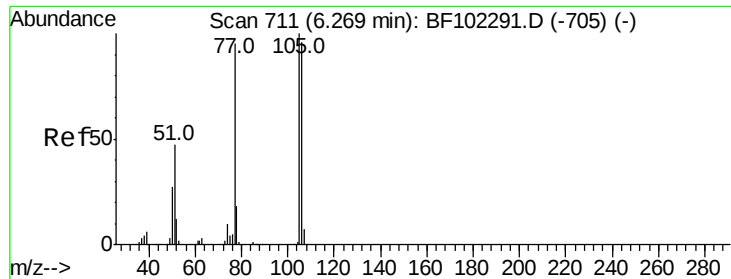


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.516 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

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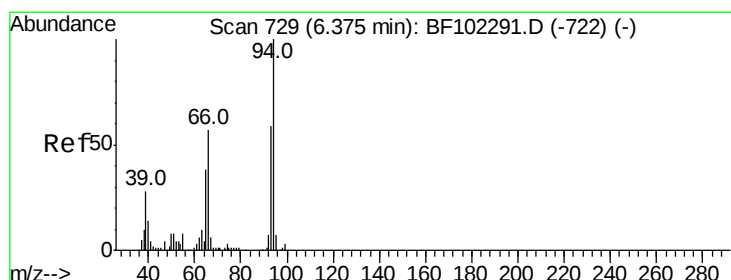
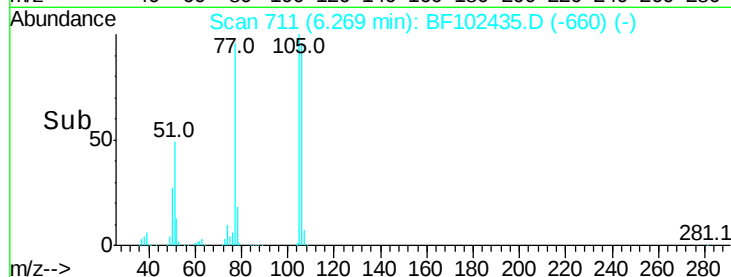
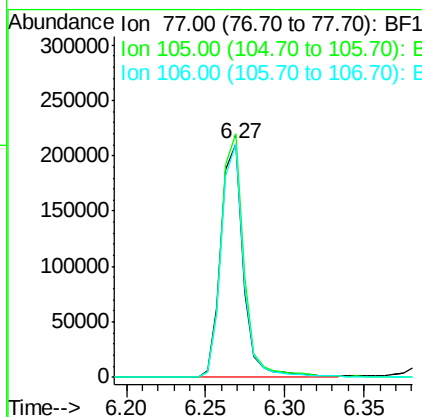
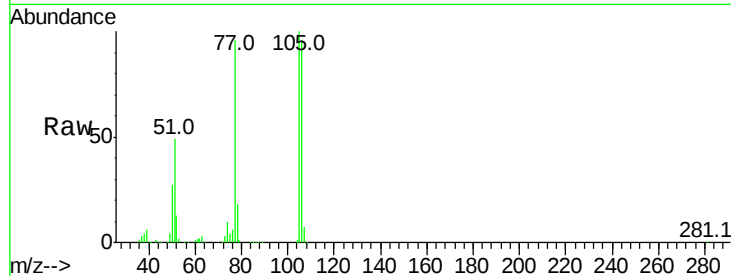
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	77	Resp:	209789
Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.1	121.1
106	99.7	74.5	114.5

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#10

Phenol

Concen: 40.386 ng

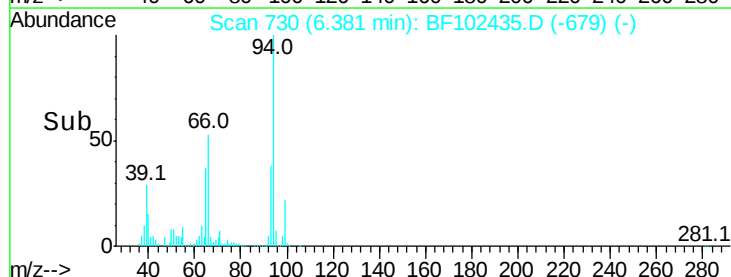
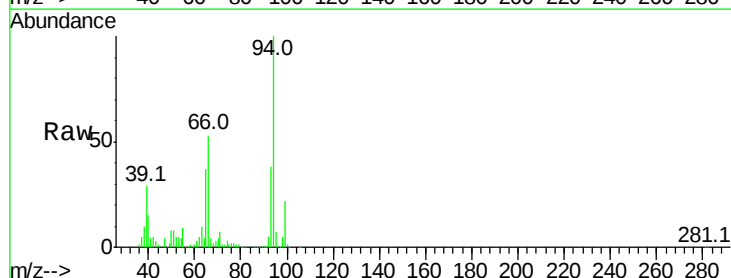
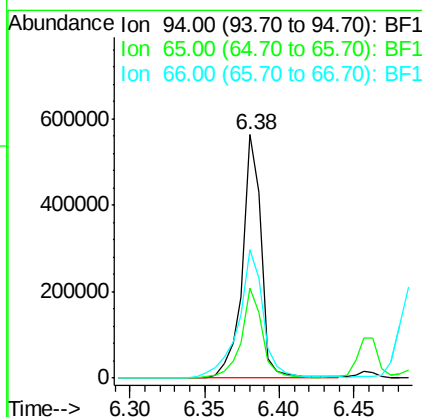
RT: 6.38 min Scan# 730

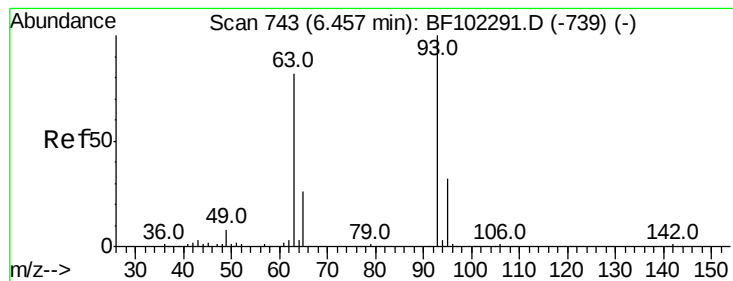
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	94	Resp:	492862
Ion	Ratio	Lower	Upper
94	100		
65	36.9	7.9	47.9
66	52.5	16.2	56.2





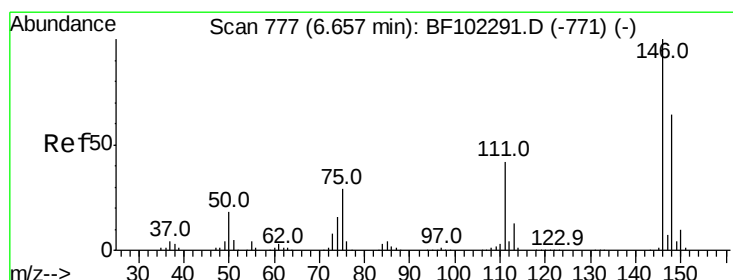
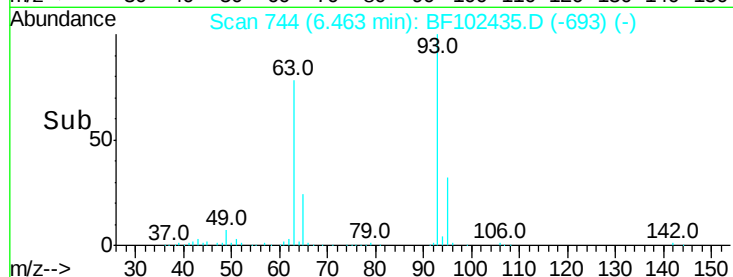
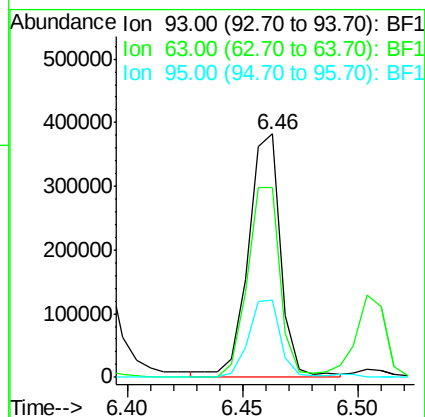
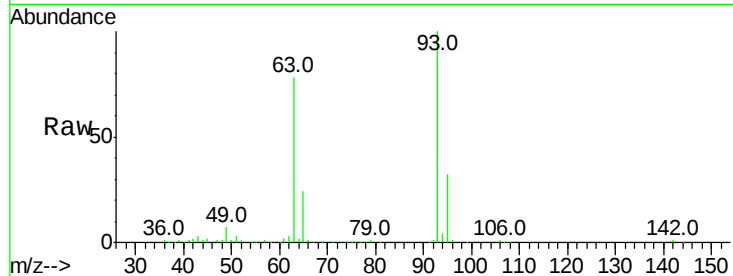
#11
bis(2-Chloroethyl)ether
Concen: 40.555 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	58.6	98.6
95	31.9	11.8	51.8

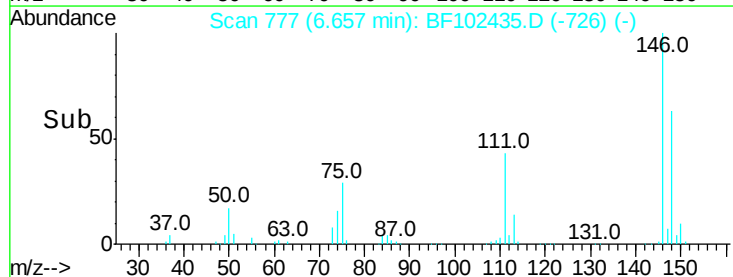
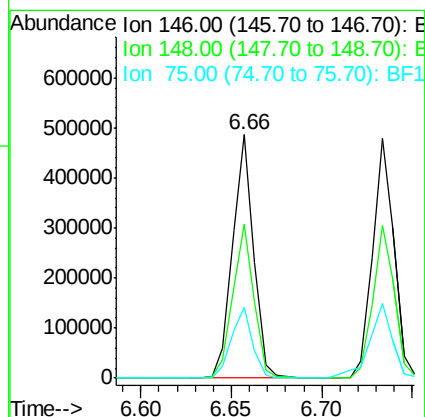
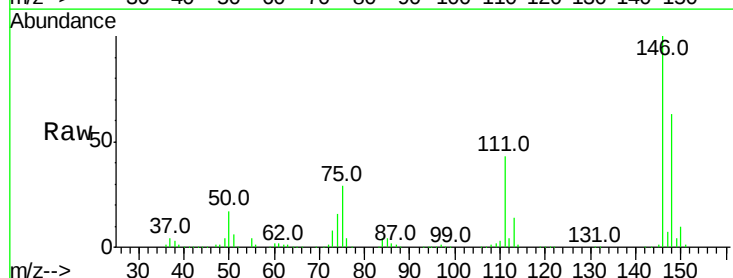
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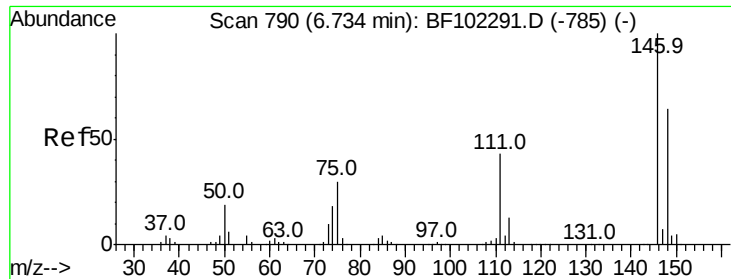
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#12
1,3-Dichlorobenzene
Concen: 34.064 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	29.2	24.2	36.4





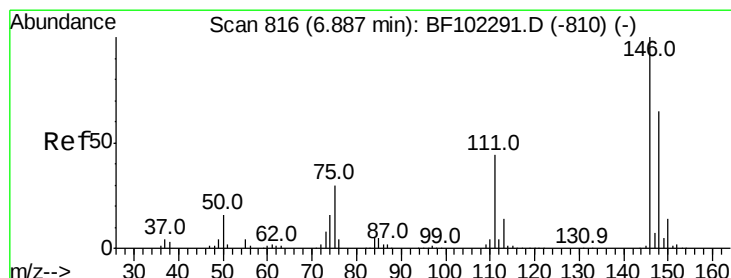
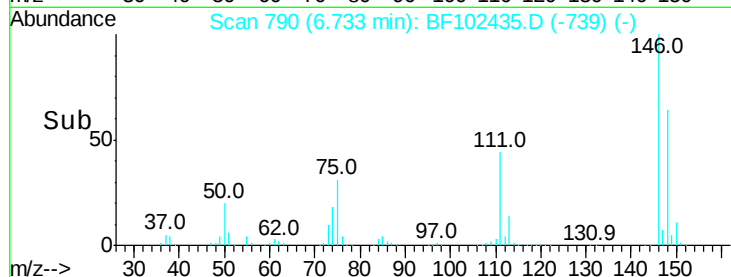
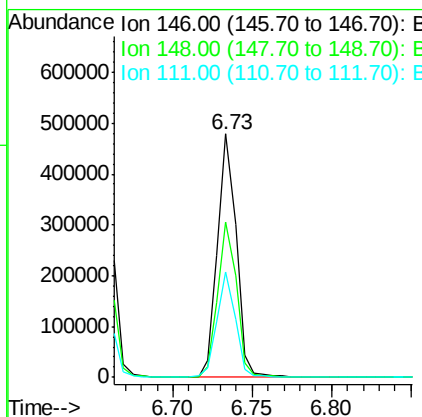
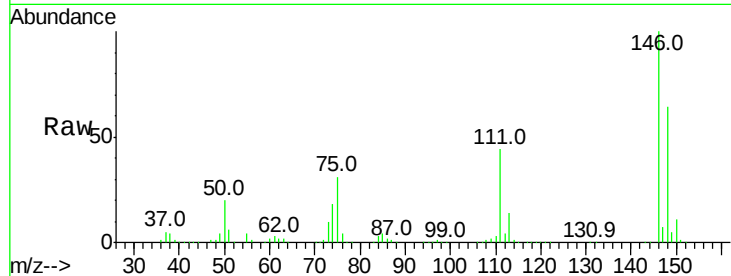
#13
 1,4-Dichlorobenzene
 Concen: 34.096 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	43.5	34.2	51.2

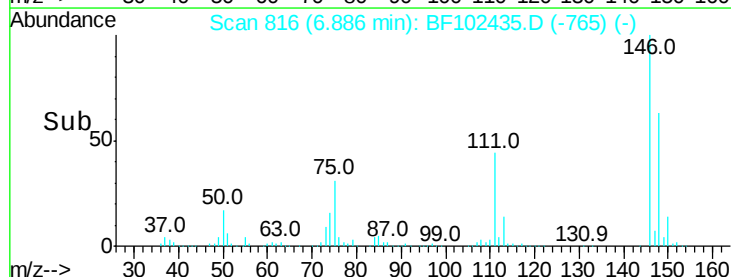
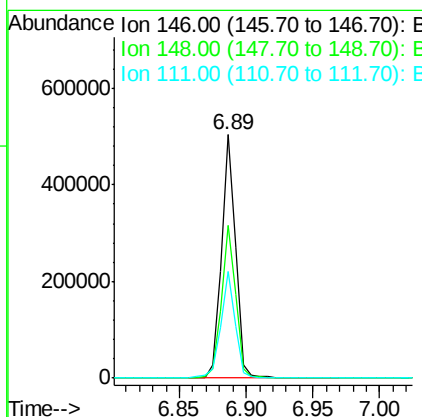
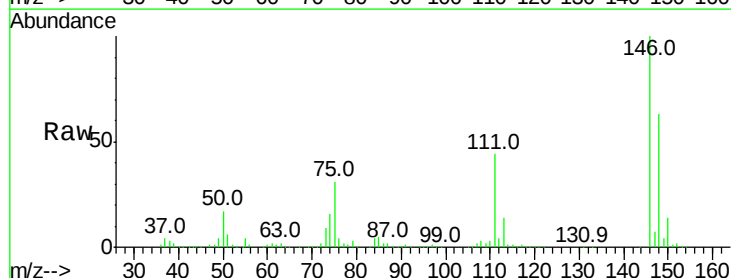
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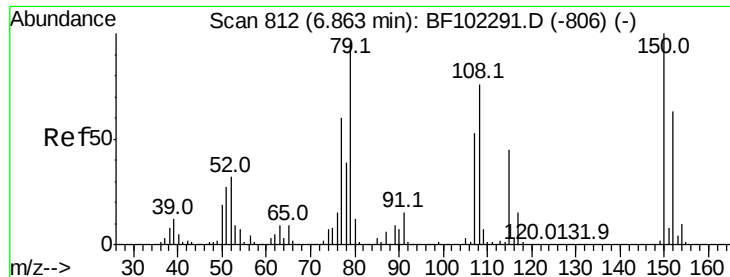
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.670 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	43.8	36.0	54.0





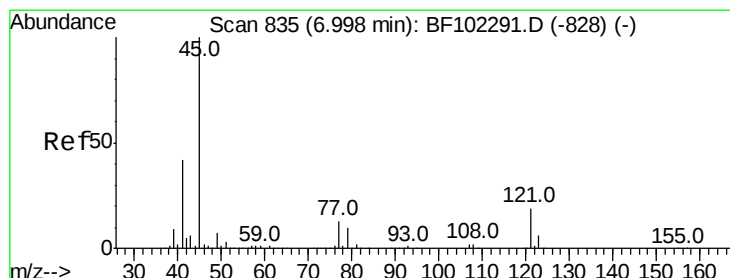
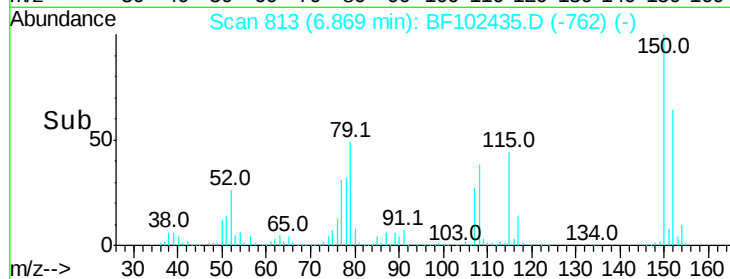
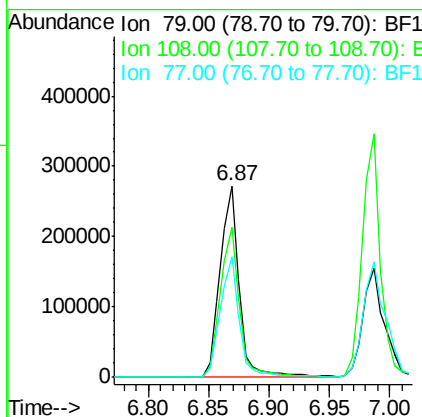
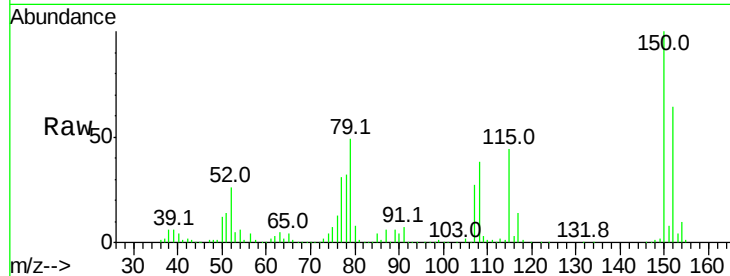
#15
Benzyl Alcohol
Concen: 37.986 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.1	97.7
77	63.3	50.6	75.8

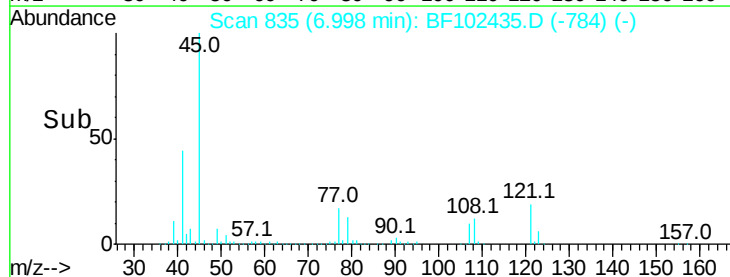
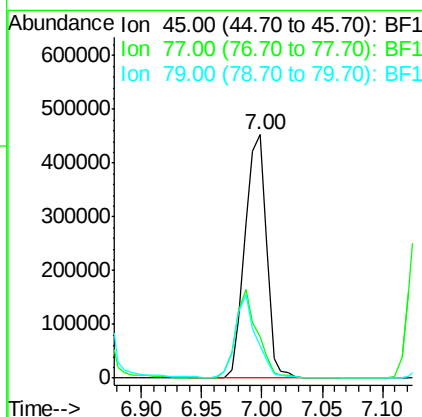
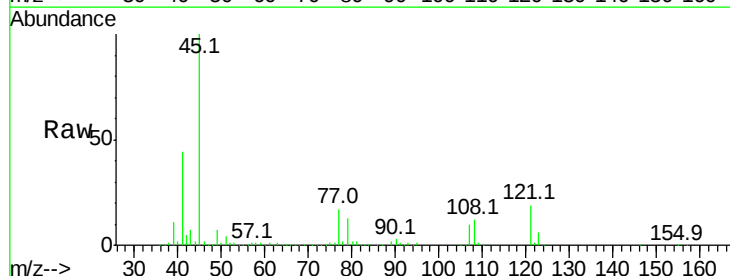
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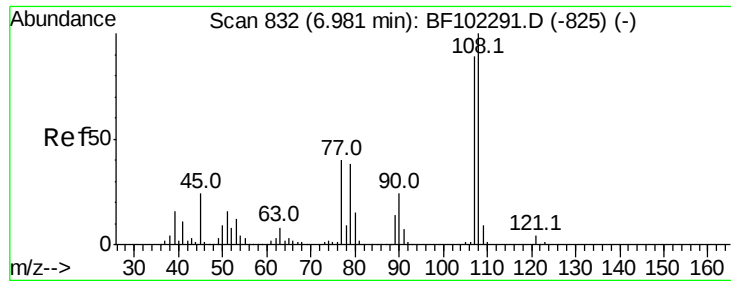
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.591 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	32.9
79	13.4	0.0	29.6





#17

2-Methylphenol

Concen: 37.191 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MSD

Tot Ion:107 Resp: 313949

Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

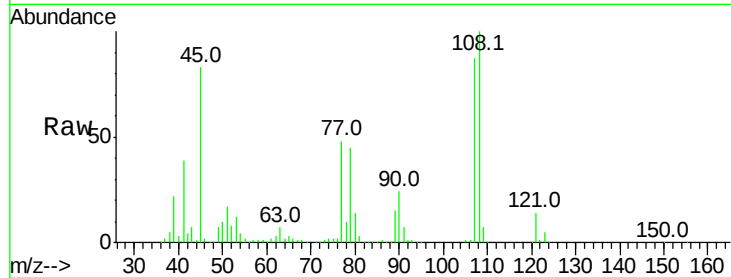
77 54.8 33.8 50.8#

79 51.2 33.8 50.8#

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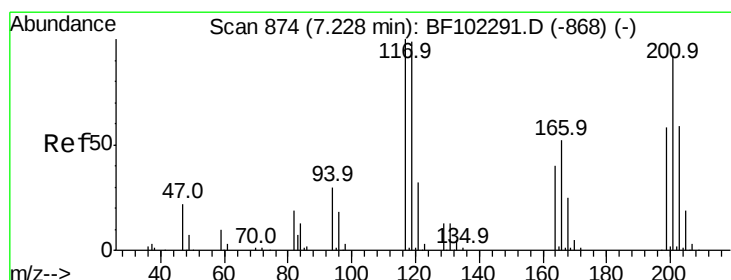
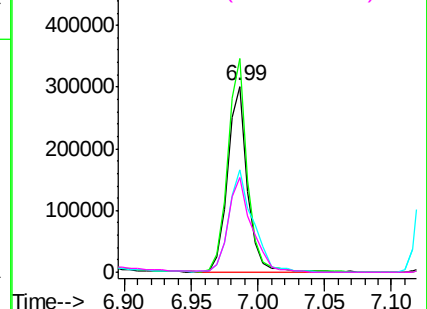
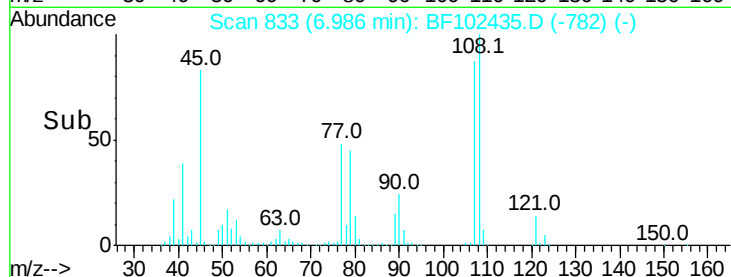


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.376 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

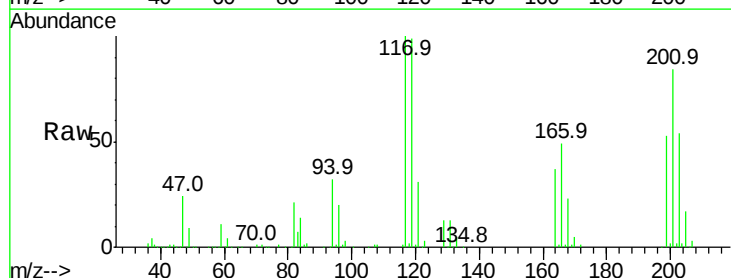
Tgt Ion:117 Resp: 138709

Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.8

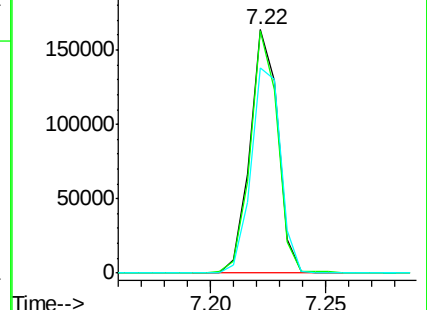
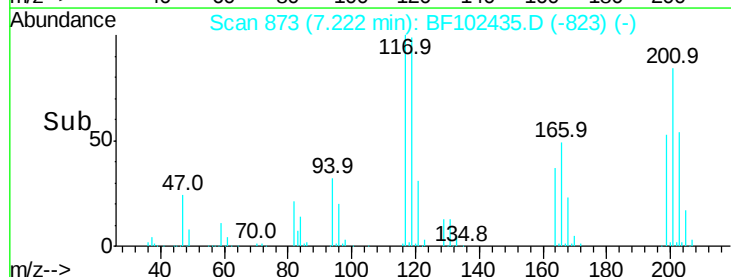
201 84.1 75.7 113.5

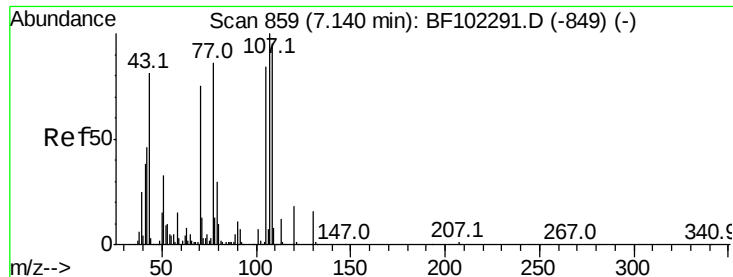


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





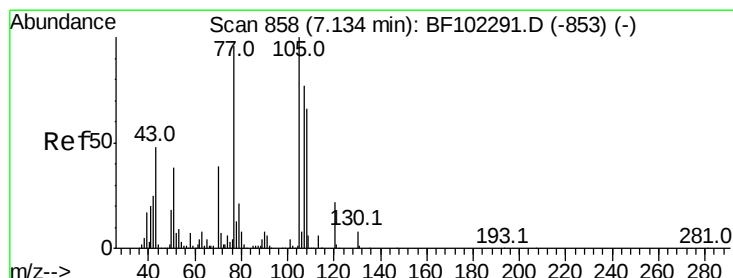
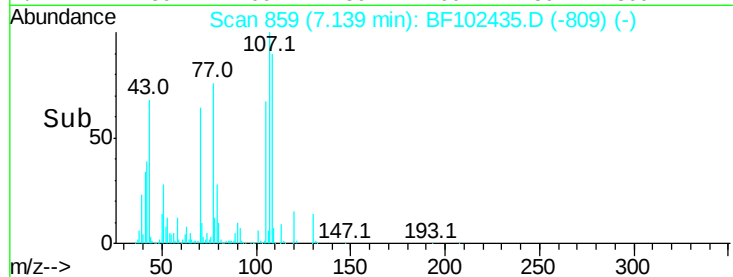
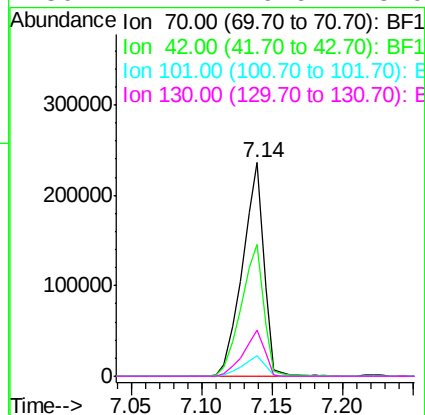
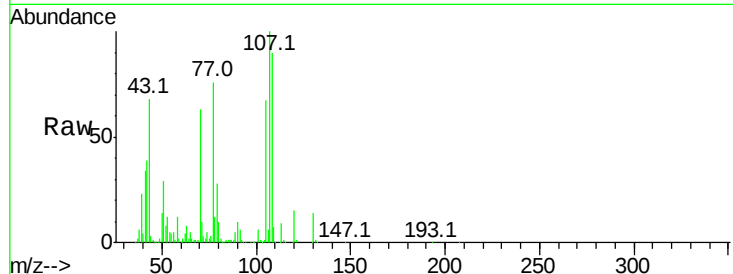
#19
n-Nitroso-di-n-propylamine
Concen: 36.475 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.5	71.3
101	9.9	7.4	11.2
130	21.7	16.6	25.0

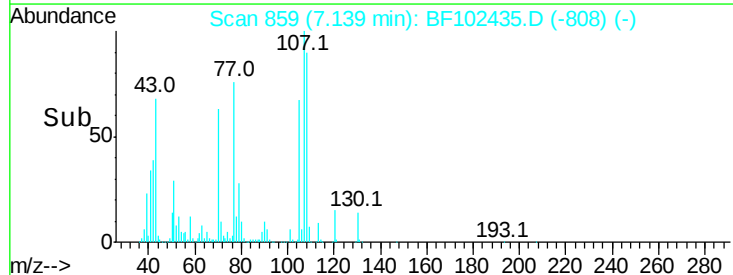
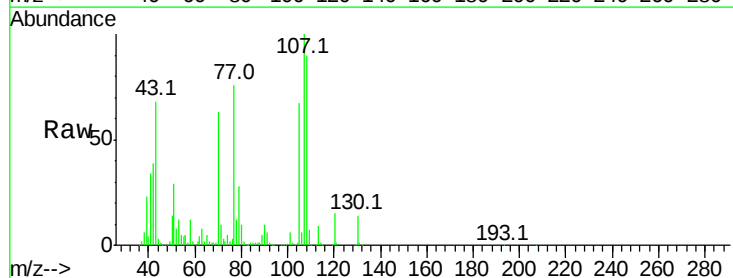
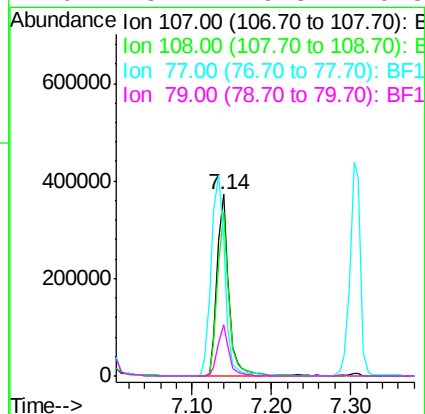
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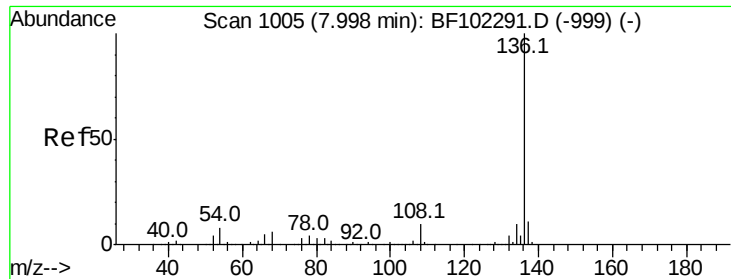
Sohil
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#20
3+4-Methylphenols
Concen: 38.636 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	76.5	26.7	66.7#
79	28.4	6.3	46.3





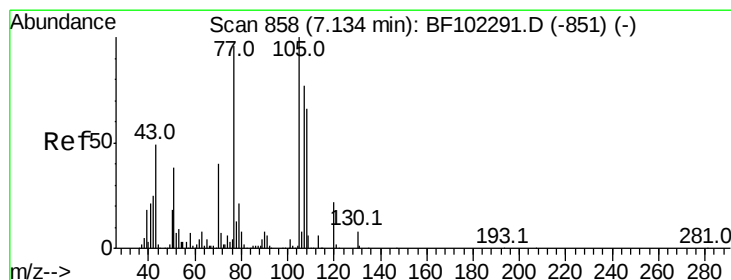
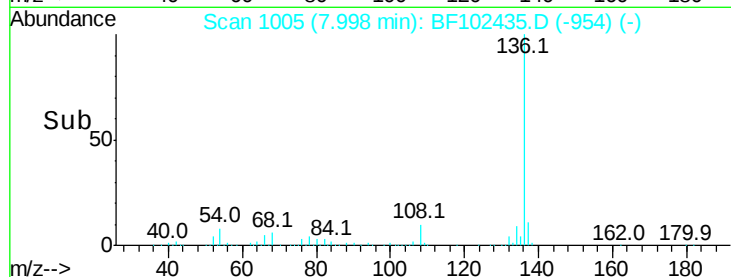
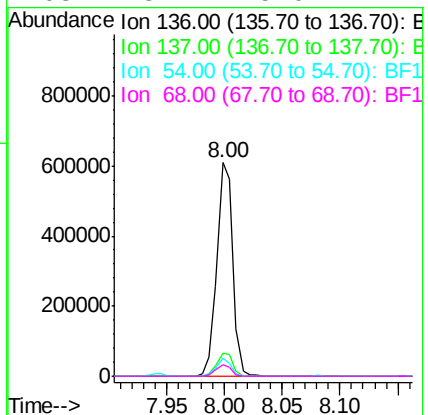
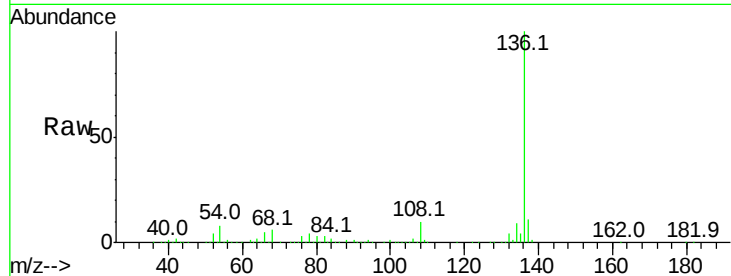
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	8.4	6.6	9.8	
68	5.7	5.0	7.4	

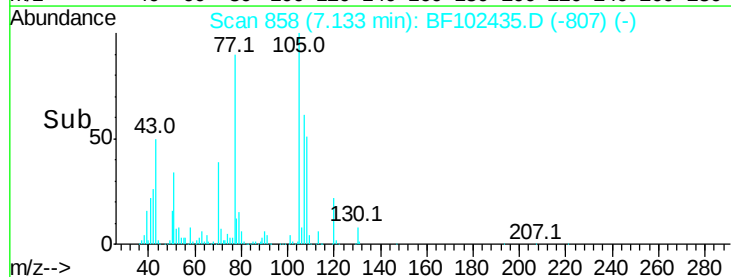
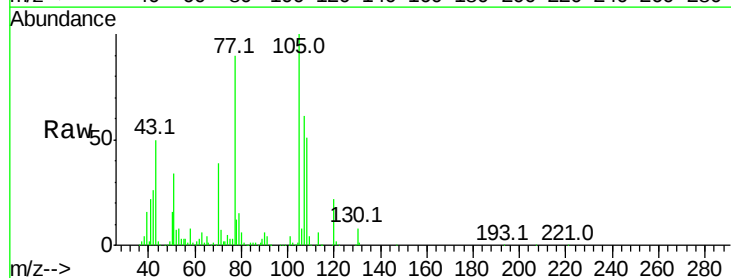
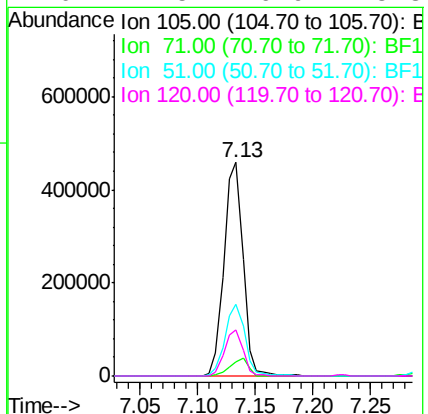
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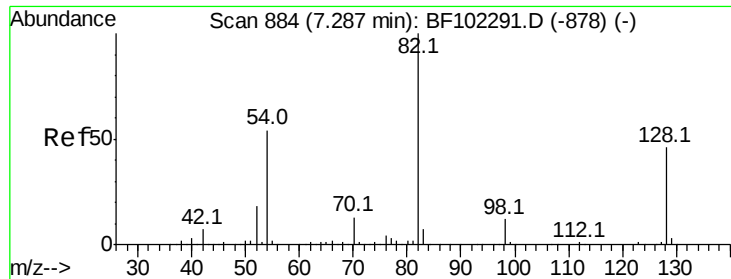
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#22
Acetophenone
Concen: 38.020 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	4.4	6.6#	
51	33.8	22.3	33.5#	
120	21.5	16.9	25.3	





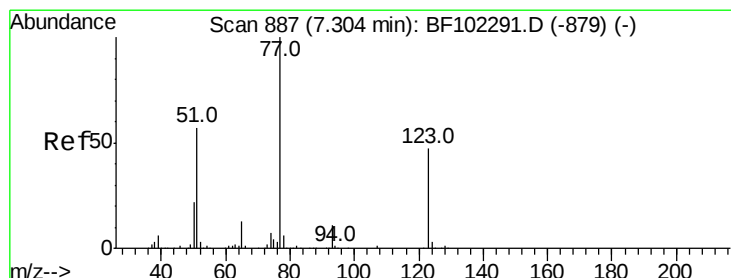
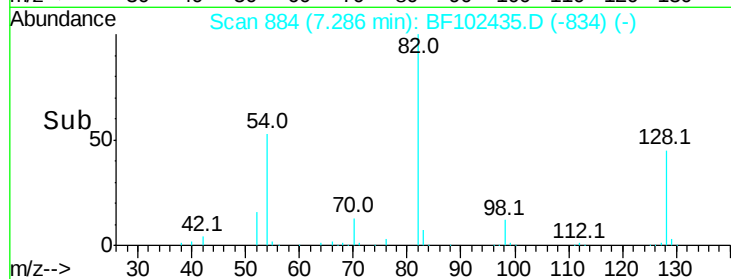
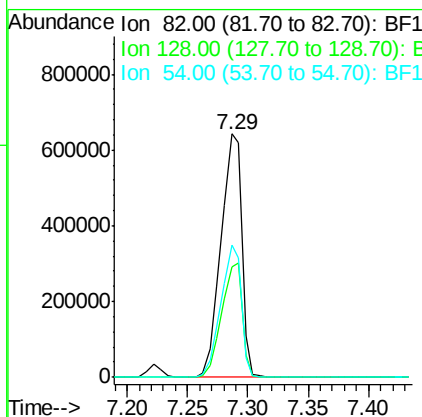
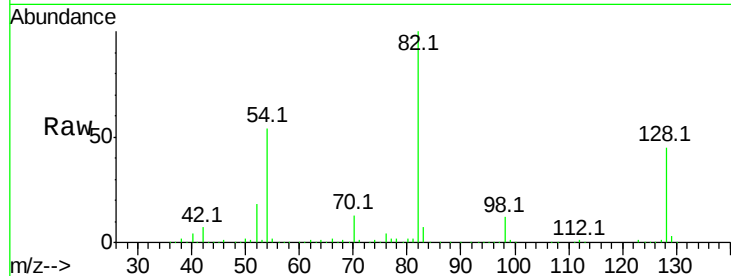
#23
 Nitrobenzene-d5
 Concen: 75.978 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	82	Resp	769940
Ion Ratio	100	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.1	41.4	62.2

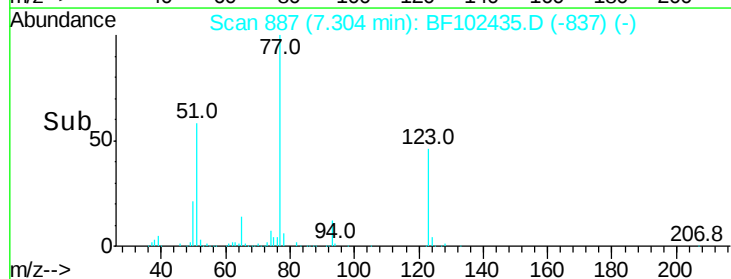
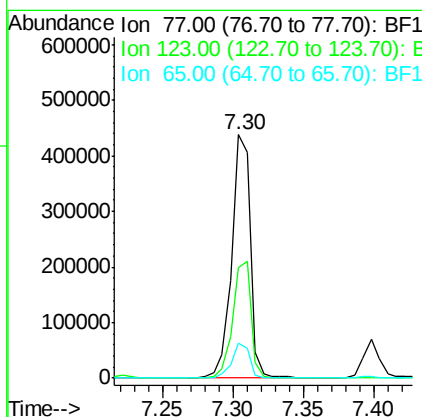
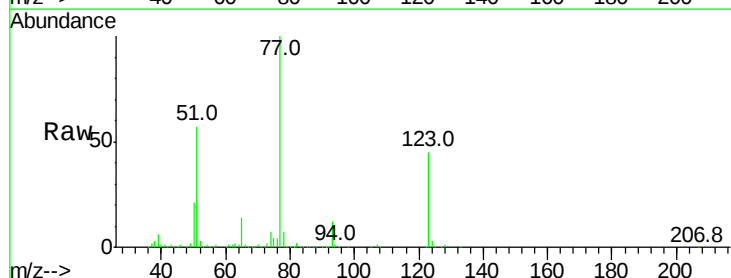
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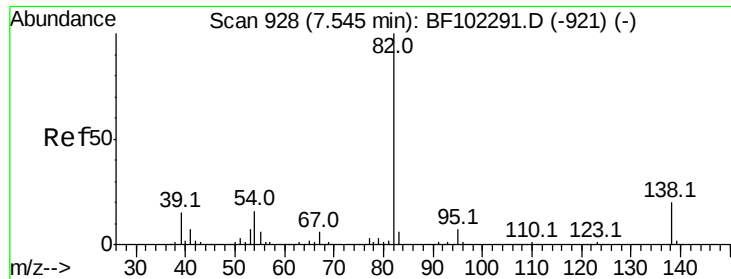
Sohil
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#24
 Nitrobenzene
 Concen: 38.529 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	77	Resp	399572
Ion Ratio	100	Lower	Upper
77	100		
123	45.4	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 39.939 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

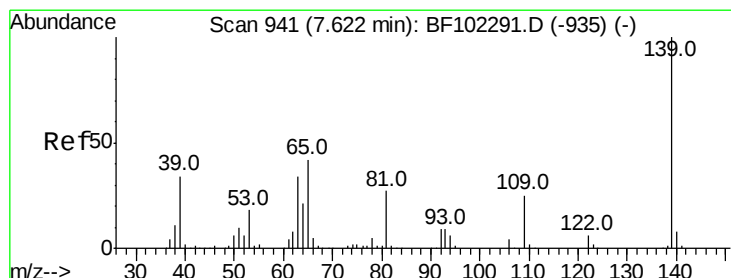
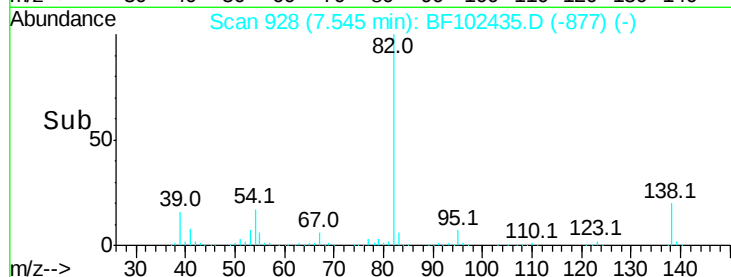
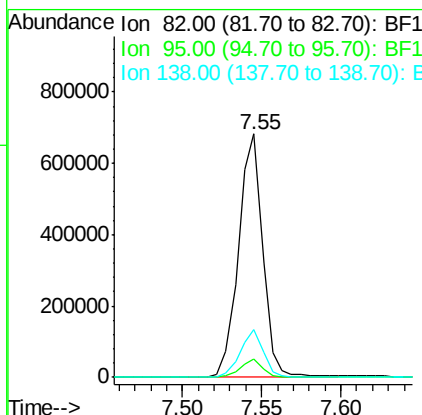
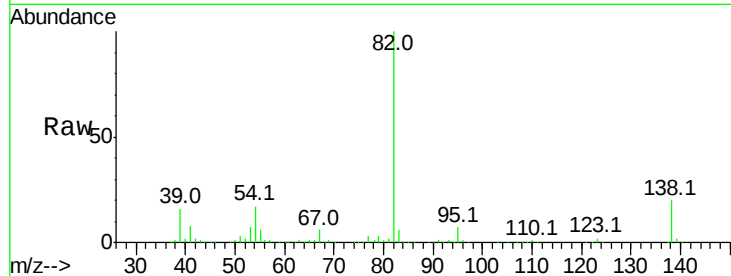
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	82	Resp:	721532
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	19.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 38.981 ng

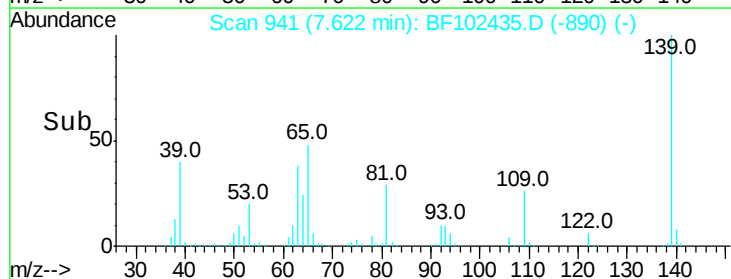
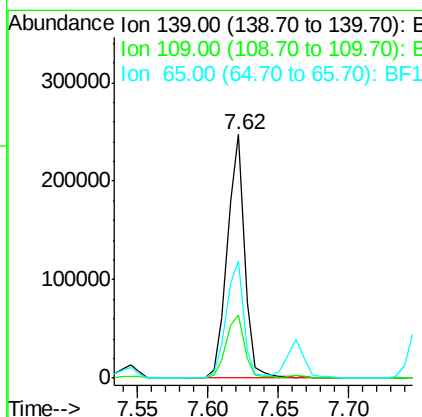
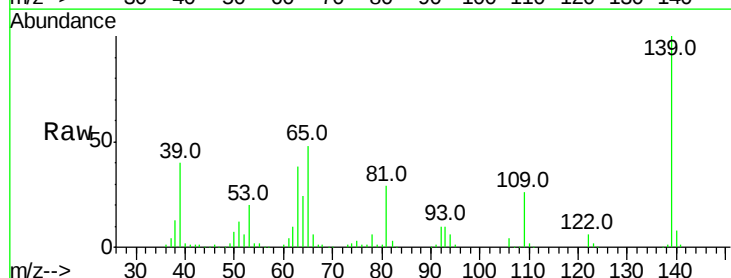
RT: 7.62 min Scan# 941

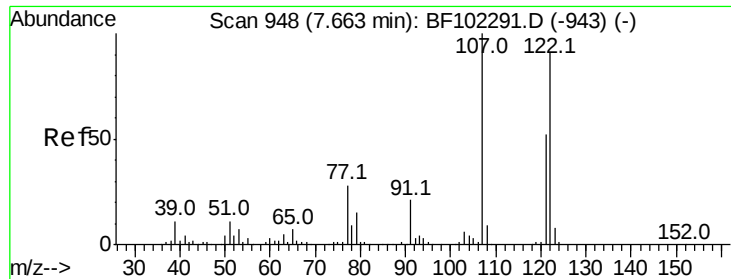
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	139	Resp:	212766
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	48.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.564 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

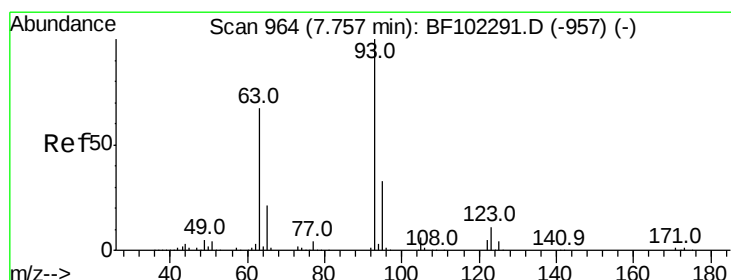
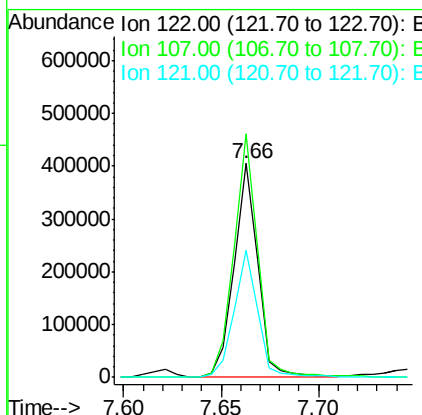
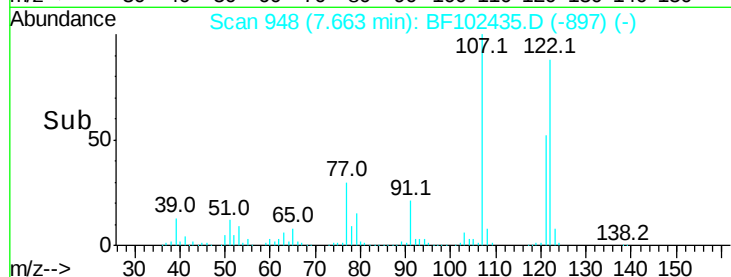
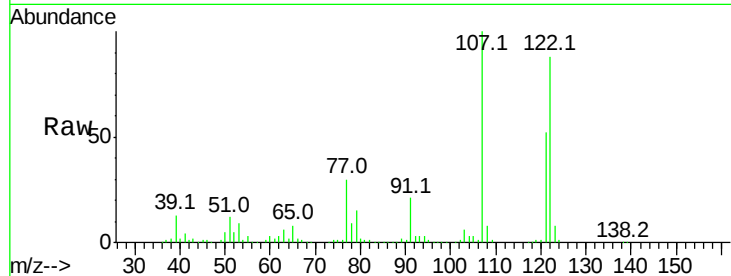
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	122	Resp:	345269
Ion Ratio	Lower	Upper	
122	100		
107	113.7	91.2	136.8
121	59.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.601 ng

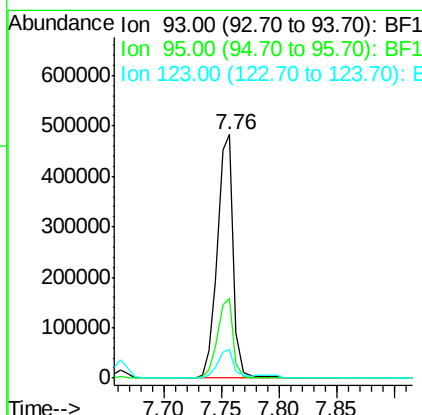
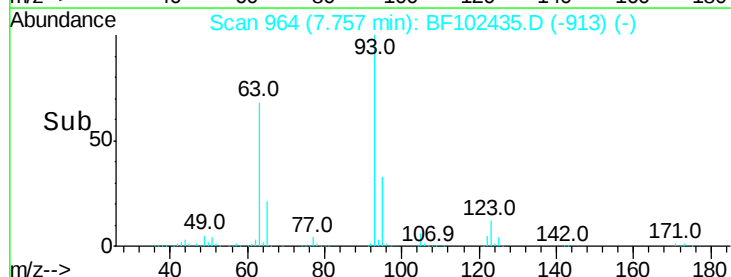
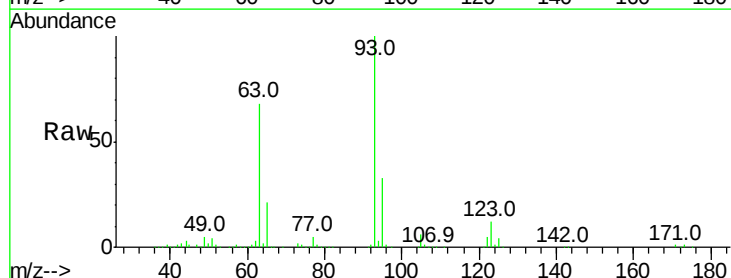
RT: 7.76 min Scan# 964

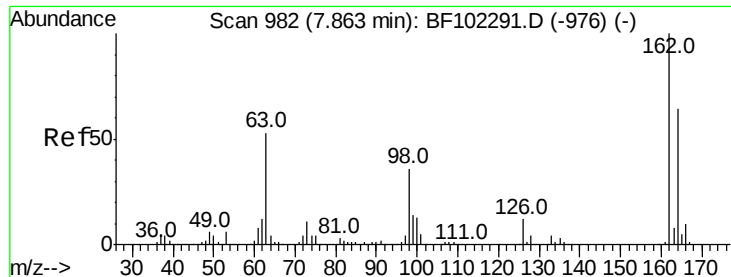
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	93	Resp:	464271
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.8	9.8	14.6





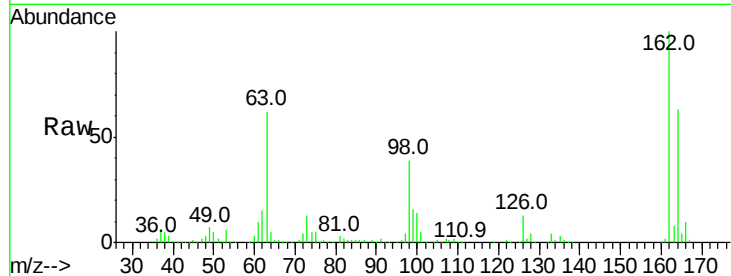
#29
 2,4-Dichlorophenol
 Concen: 40.929 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

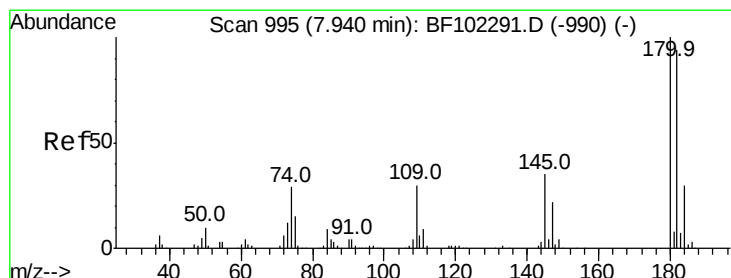
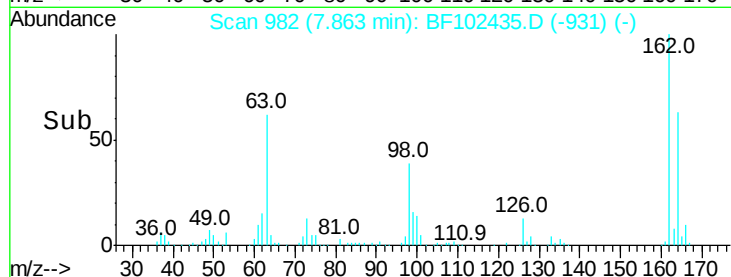
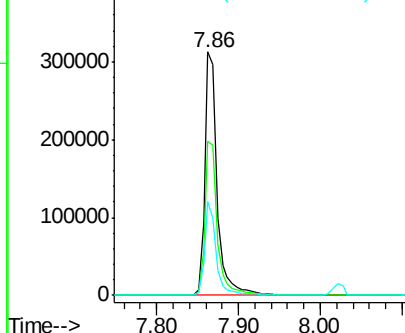
Tot Ion	Ratio	Resp	Lower	Upper
162	100	330425		
164	63.3	42.7	82.7	
98	38.7	18.1	58.1	

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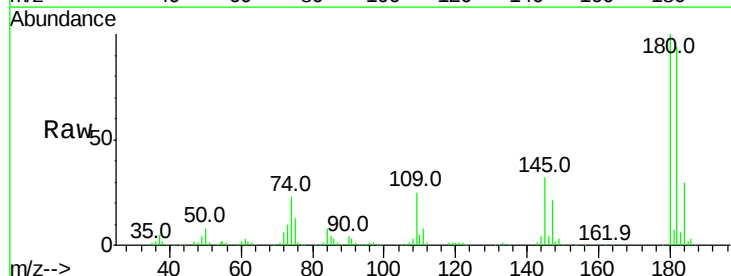


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

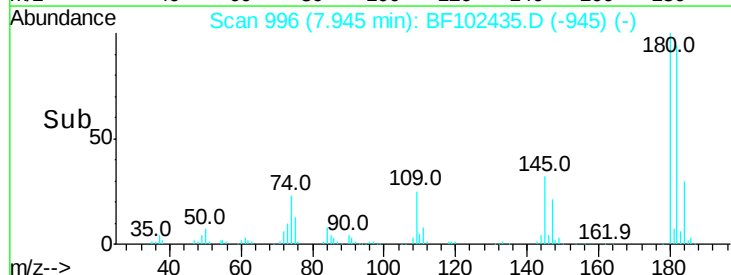
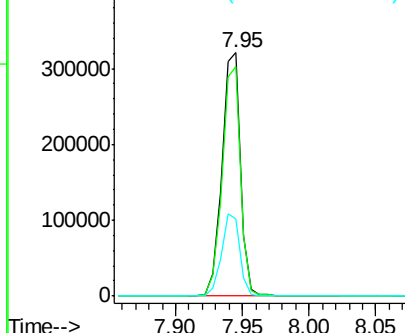


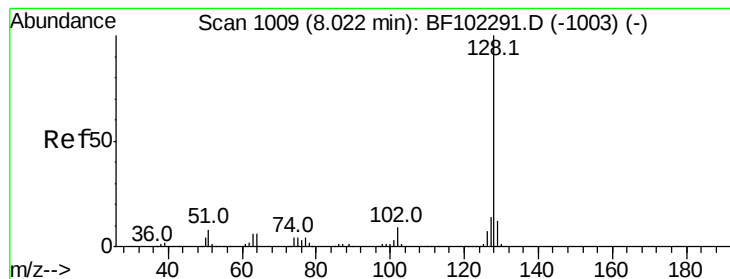
#30
 1,2,4-Trichlorobenzene
 Concen: 36.493 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315810		
182	94.3	76.8	115.2	
145	32.0	26.5	39.7	



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





#31

Naphthalene

Concen: 36.742 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MSD

Tot Ion:128 Resp: 1068306

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

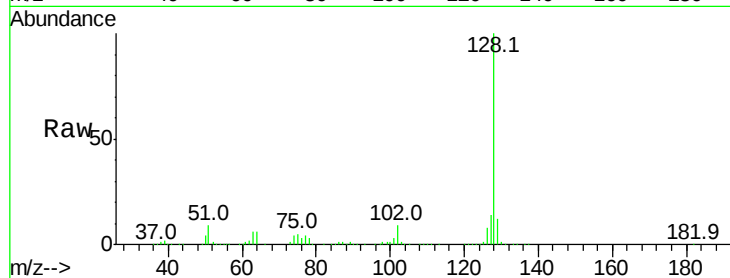
127 13.8 10.9 16.3

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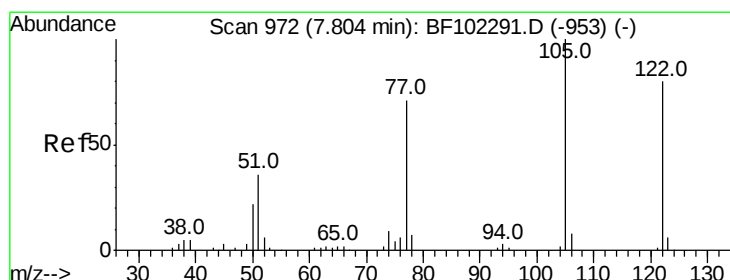
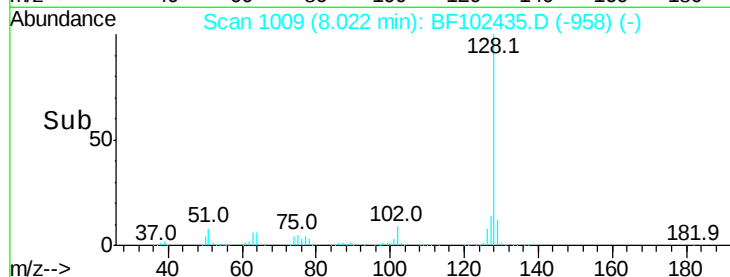
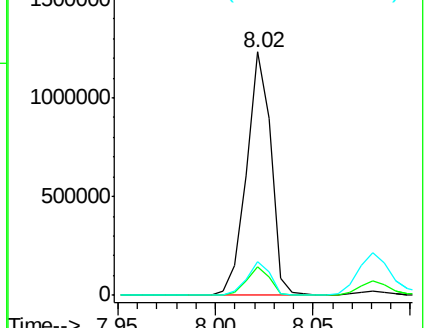
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.208 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

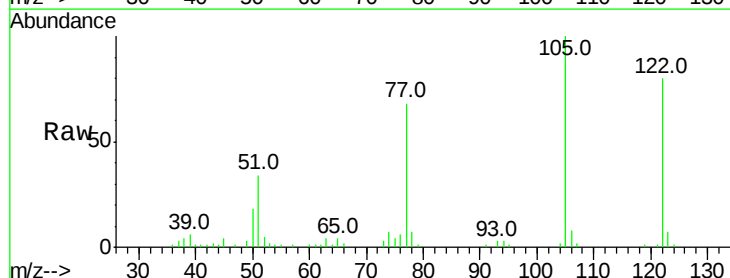
Tgt Ion:122 Resp: 160745

Ion Ratio Lower Upper

122 100

105 124.5 101.1 141.1

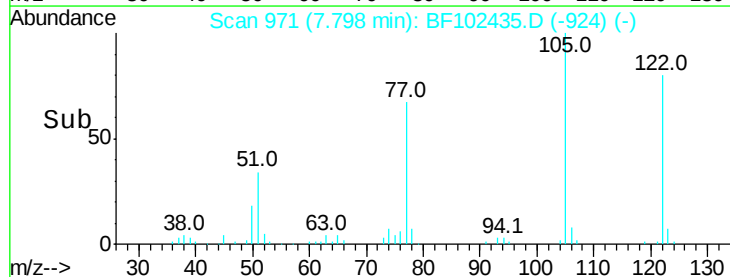
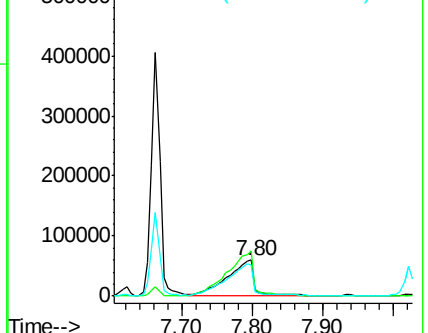
77 84.9 70.7 110.7

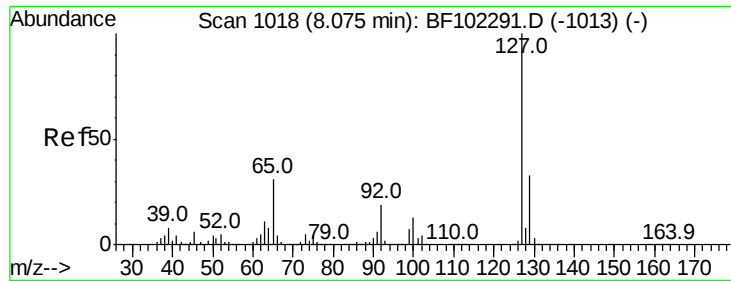


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





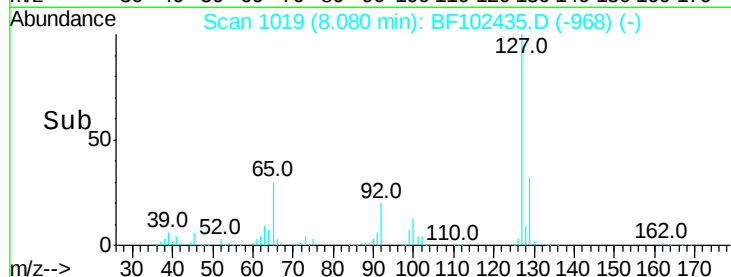
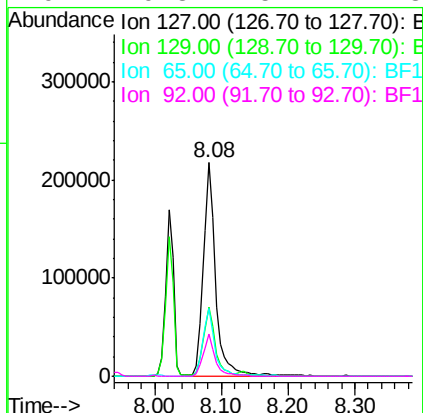
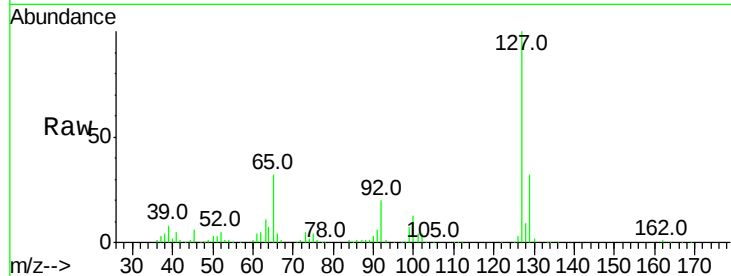
#33
4-Chloroaniline
Concen: 22.524 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	31.6	25.0	37.4	
92	19.8	15.2	22.8	

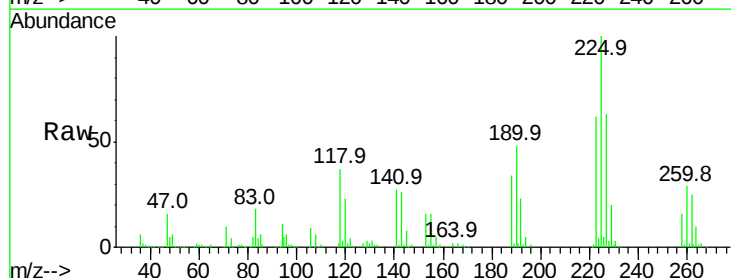
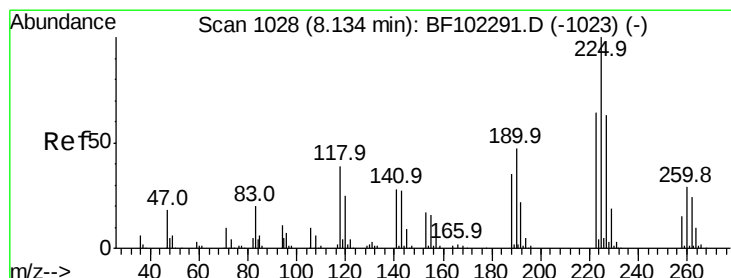
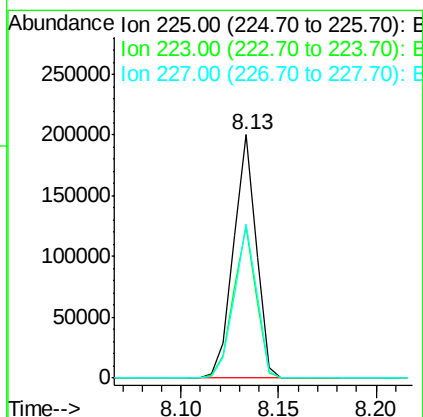
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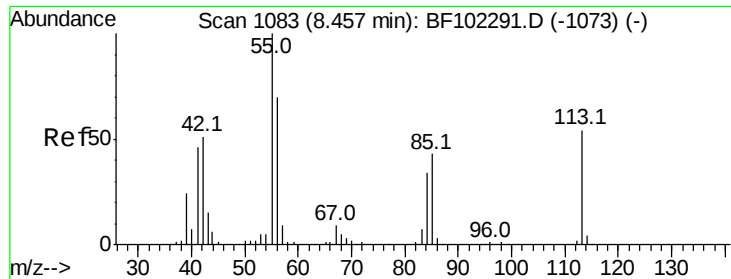
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#34
Hexachlorobutadiene
Concen: 35.205 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	63.3	51.9	77.9	





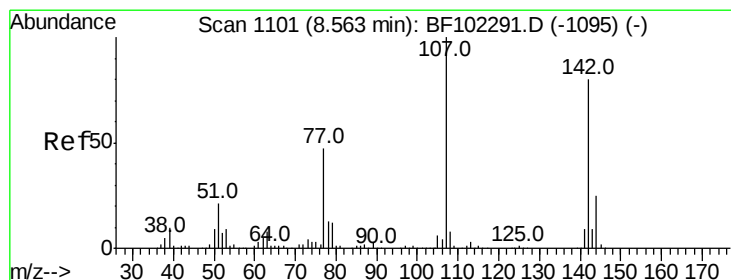
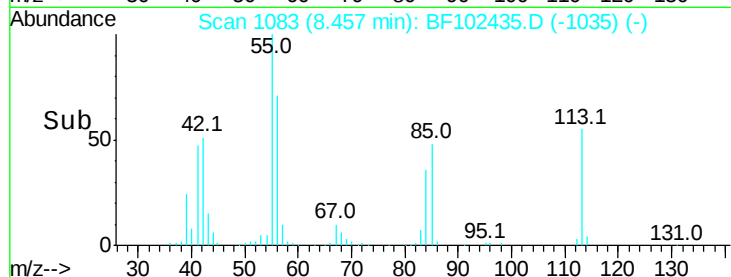
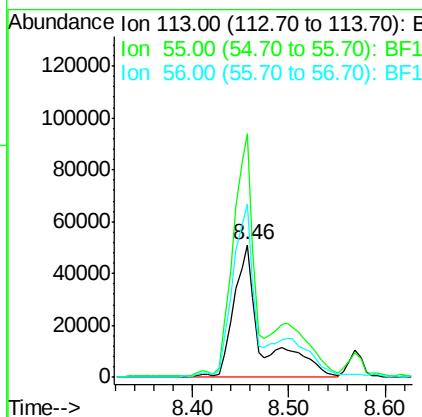
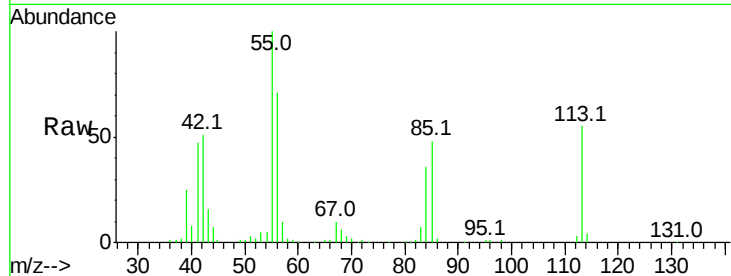
#35
 Caprolactam
 Concen: 39.607 ng/ml
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.4	163.3	203.3
56	130.8	115.7	155.7

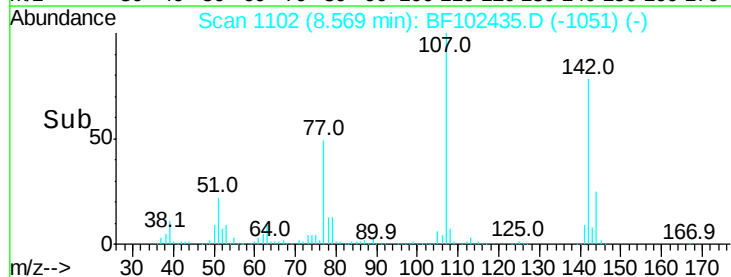
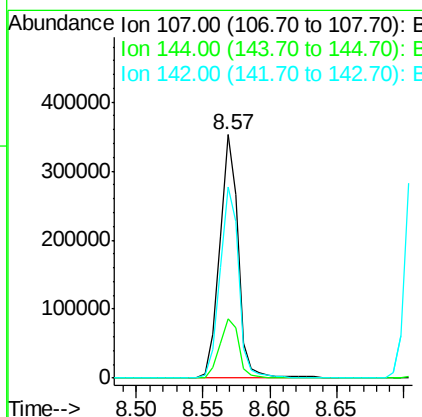
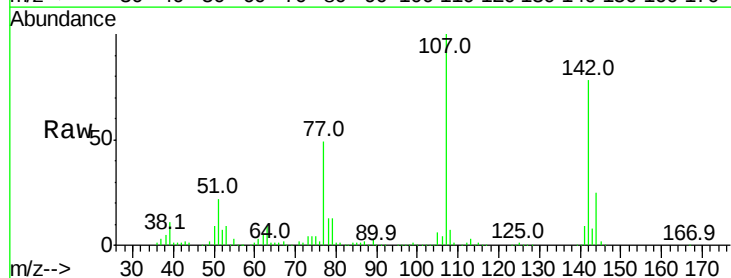
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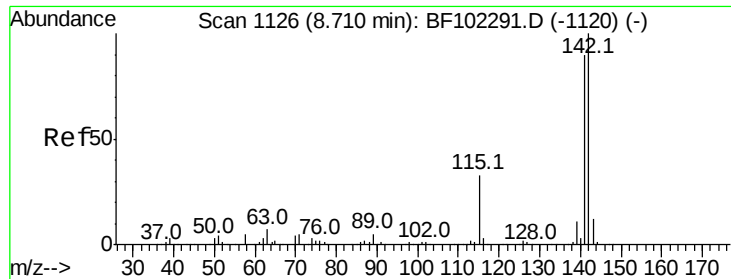
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#36
 4-Chloro-3-methylphenol
 Concen: 40.901 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.5	30.7
142	78.3	62.0	93.0





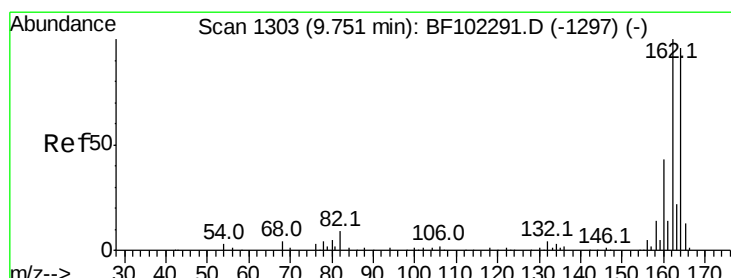
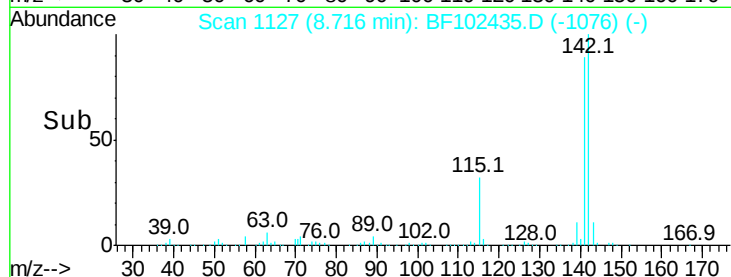
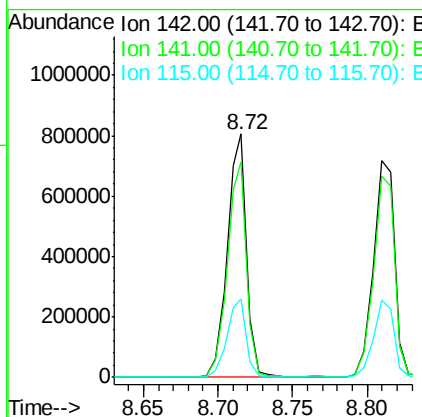
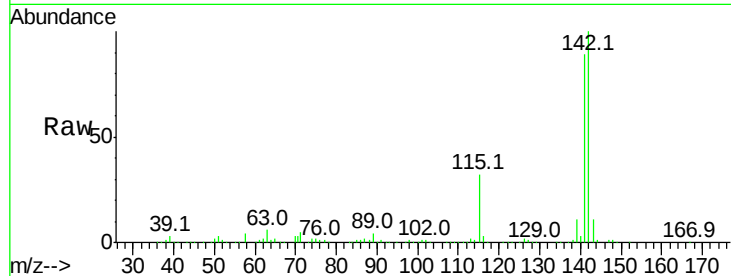
#37
2-Methylnaphthalene
Concen: 38.037 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	32.1	26.1	39.1

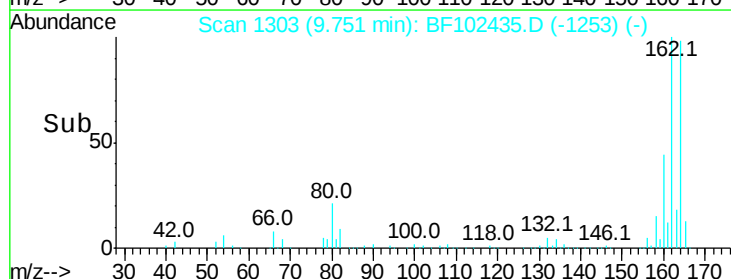
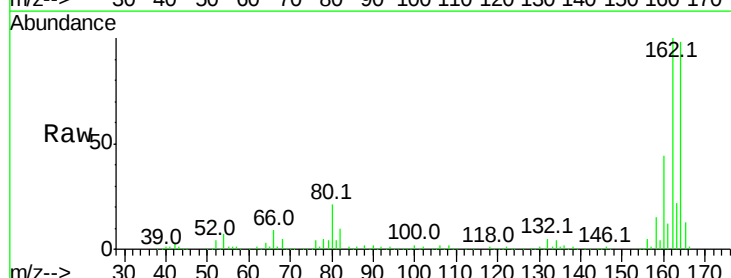
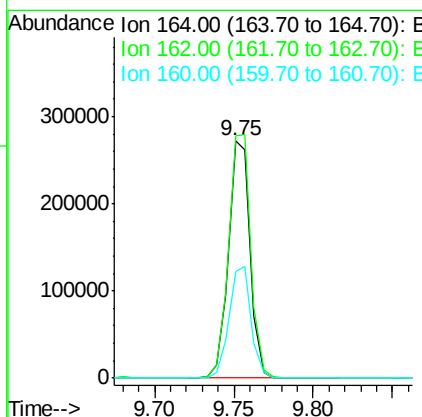
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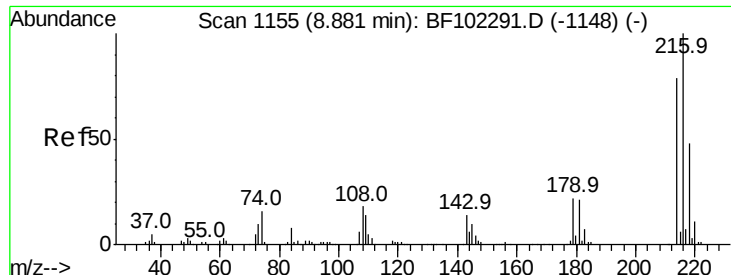
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	44.8	38.3	57.5





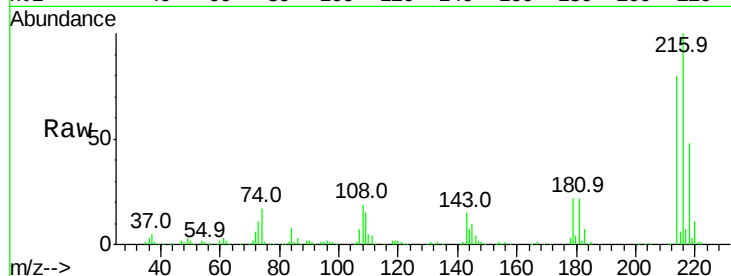
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.650 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

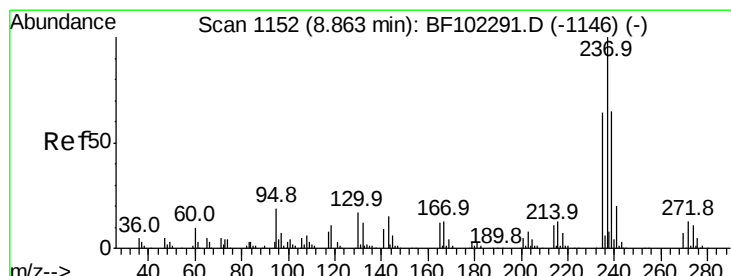
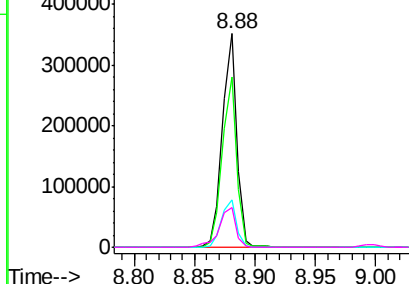
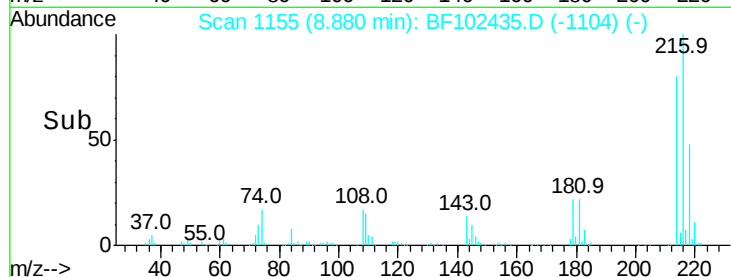
Tot Ion	Ratio	Resp	Lower	Upper
216	100	289977		
214	79.4		63.0	94.4
179	22.8		18.1	27.1
108	21.7		17.2	25.8

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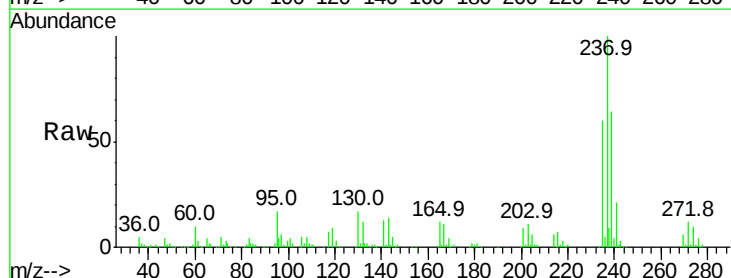


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

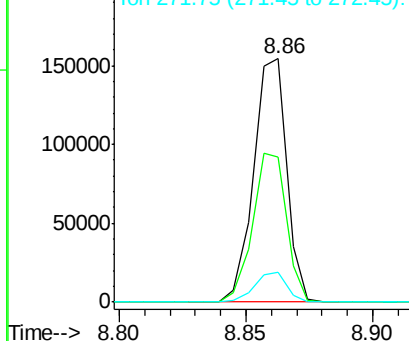
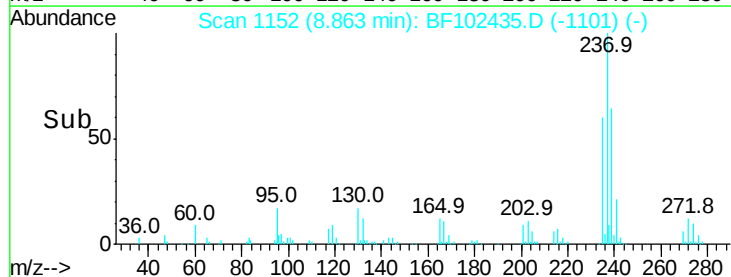


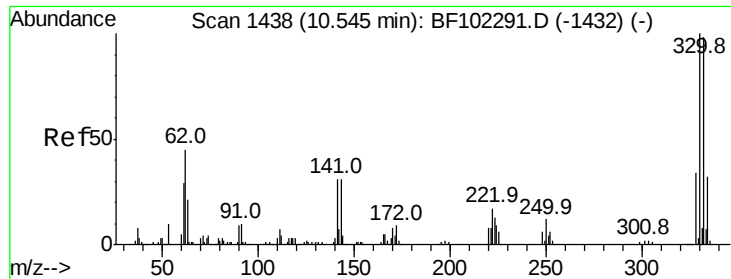
#40
 Hexachlorocyclopentadiene
 Concen: 40.964 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	141194		
235	59.6		44.8	84.8
272	12.2		0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





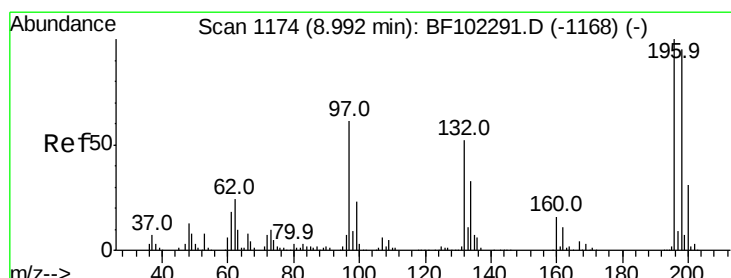
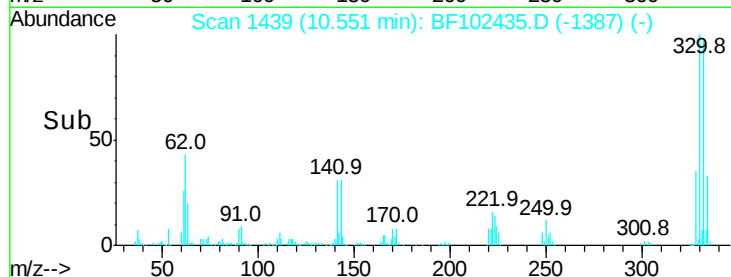
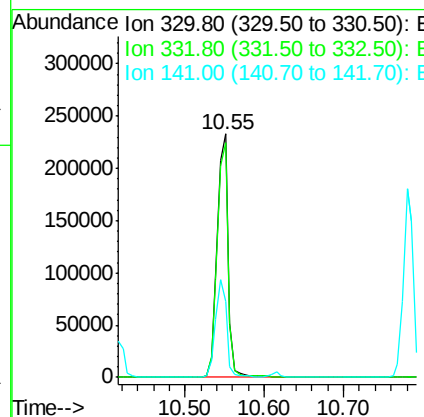
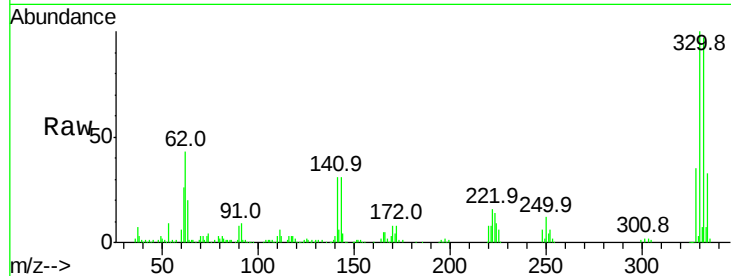
#41
 2,4,6-Tribromophenol
 Concen: 88.793 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	40.6	29.9	44.9	

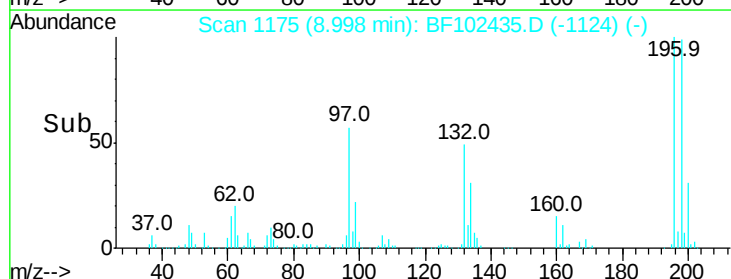
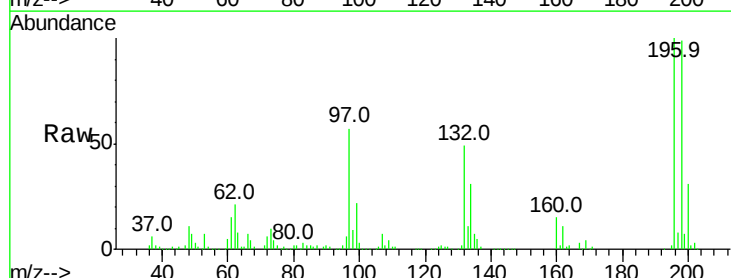
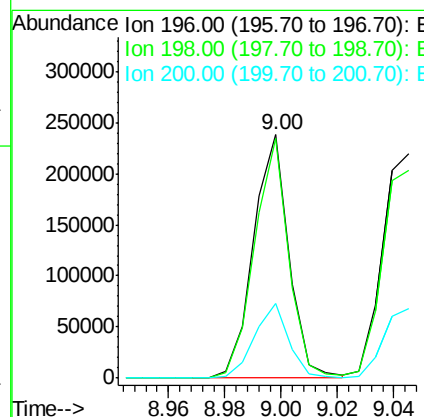
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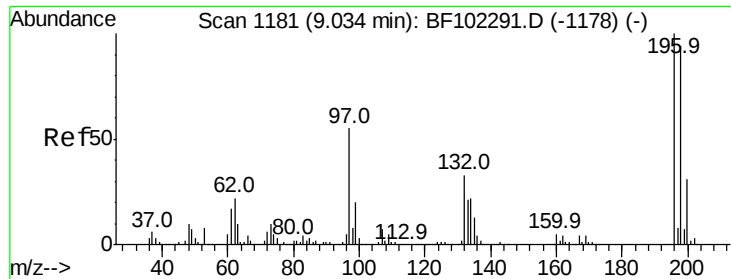
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#42
 2,4,6-Trichlorophenol
 Concen: 40.192 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	75.7	113.5	
200	30.9	24.5	36.7	





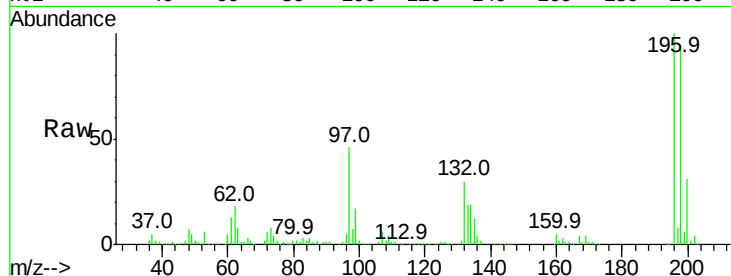
#43
 2,4,5-Trichlorophenol
 Concen: 37.711 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

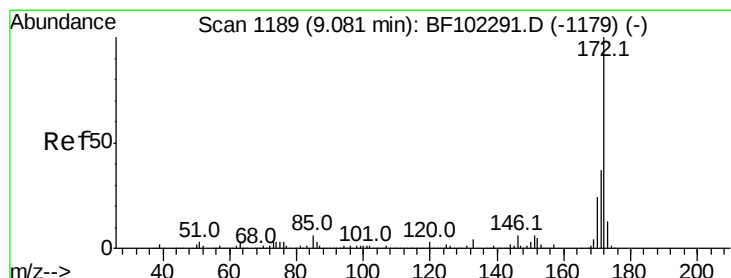
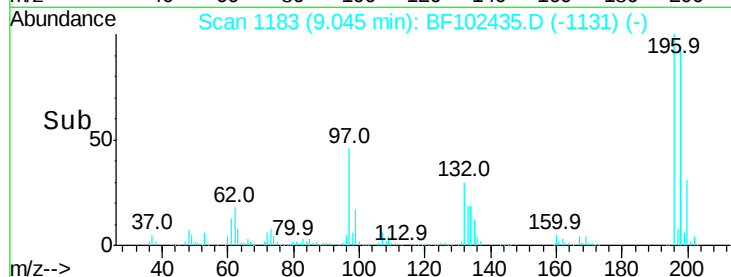
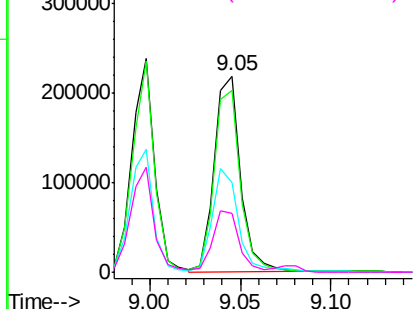
Tot Ion	196	Resp	218919
Ion Ratio	Lower	Upper	
196	100		
198	92.9	74.6	112.0
97	45.8	42.9	64.3
132	30.0	26.3	39.5

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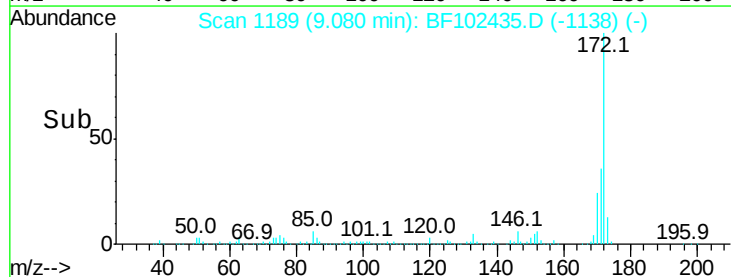
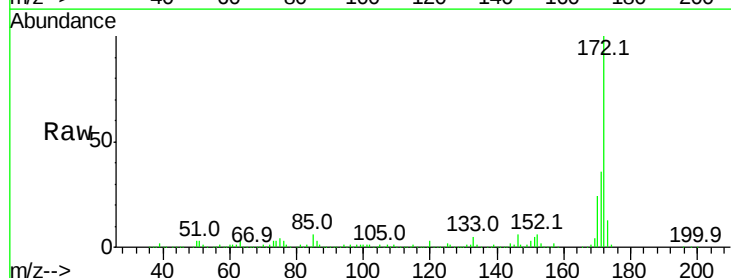
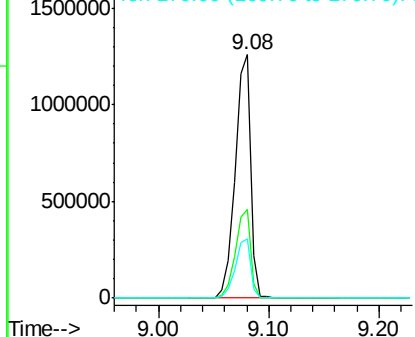
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

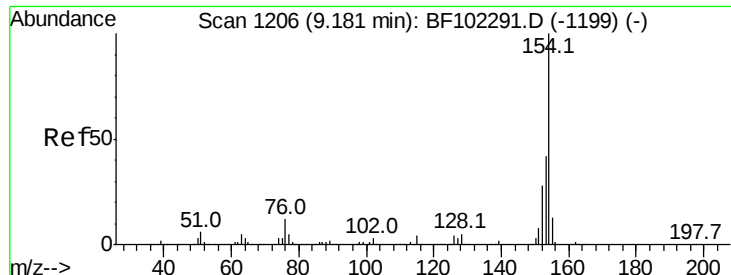


#44
 2-Fluorobiphenyl
 Concen: 71.101 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	172	Resp	1237894
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

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





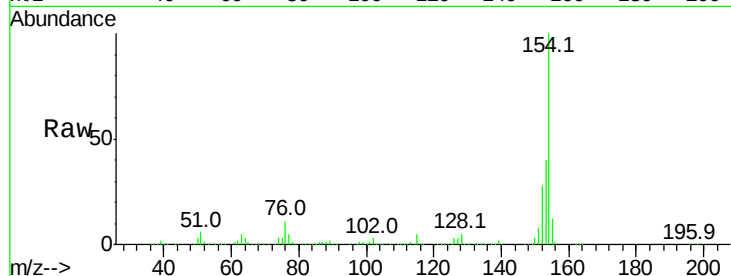
#45
 1,1'-Biphenyl
 Concen: 37.185 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampled :
 W12-1(0-2)MSD

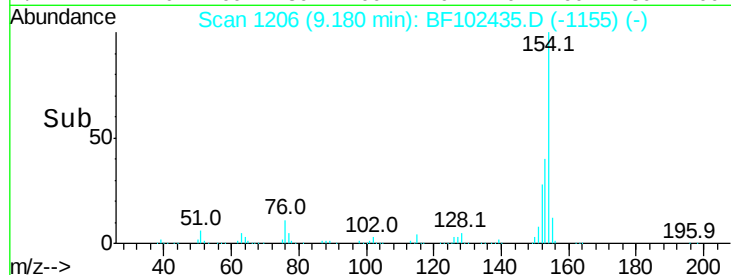
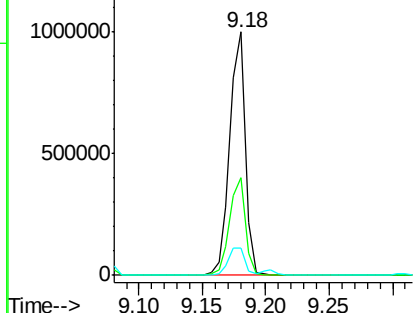
Tot Ion:	154	Resp:	851163
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	11.3	0.0	34.0

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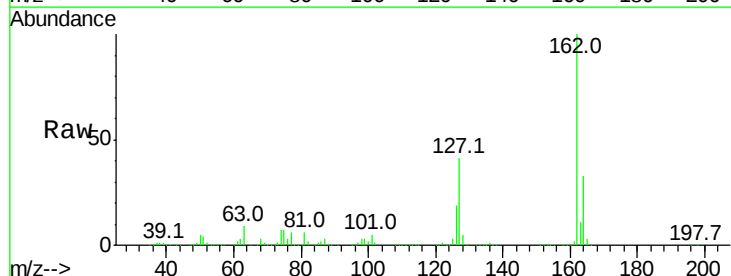
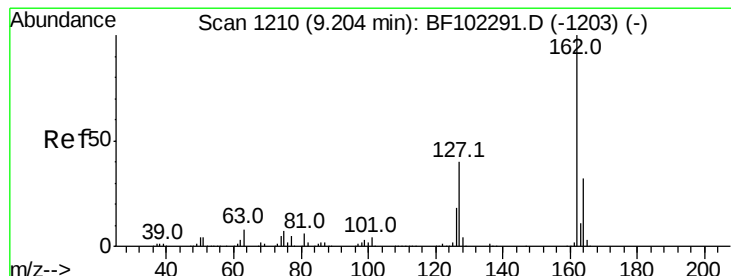
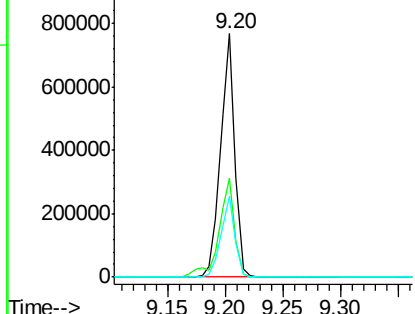
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

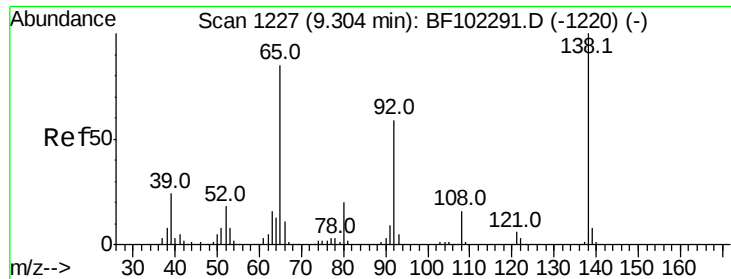


#46
 2-Chloronaphthalene
 Concen: 36.923 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion:	162	Resp:	656940
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.9	50.9
164	33.0	26.5	39.7

Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.680 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

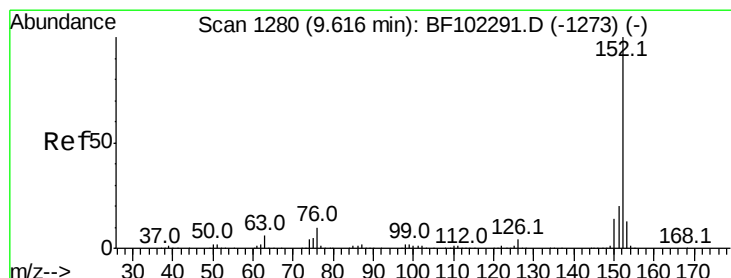
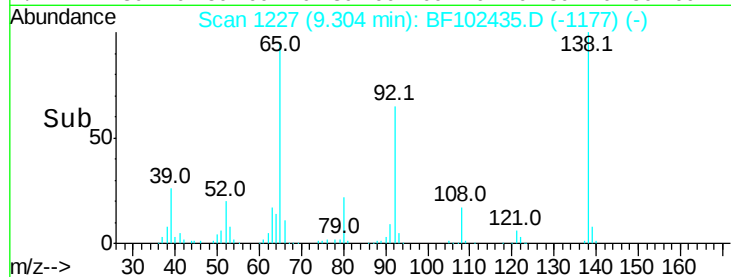
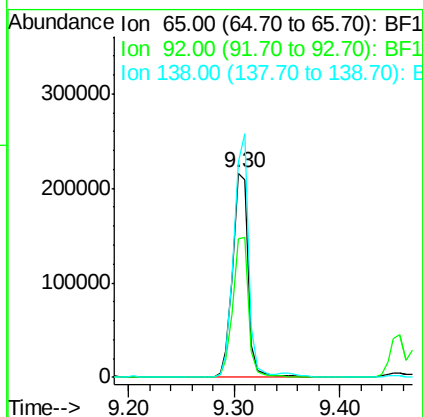
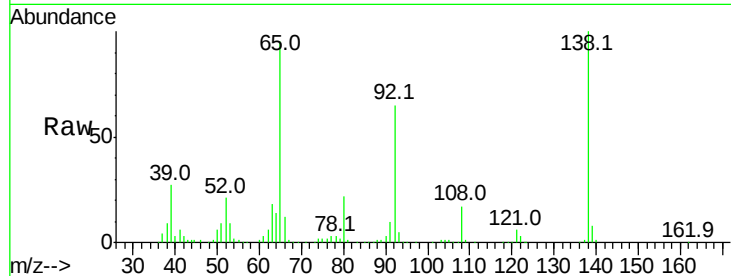
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	65	Resp:	220106
Ion Ratio	Lower	Upper	
65	100		
92	68.2	55.8	83.6
138	105.4	91.2	136.8

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#48

Acenaphthylene

Concen: 35.276 ng

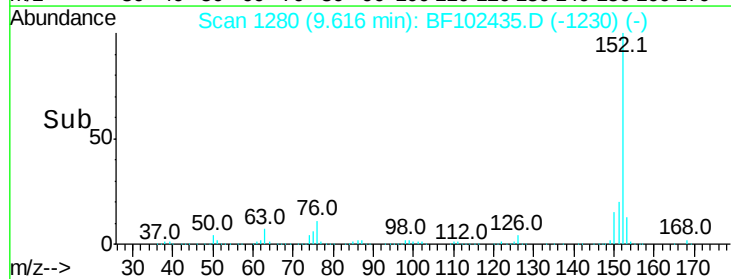
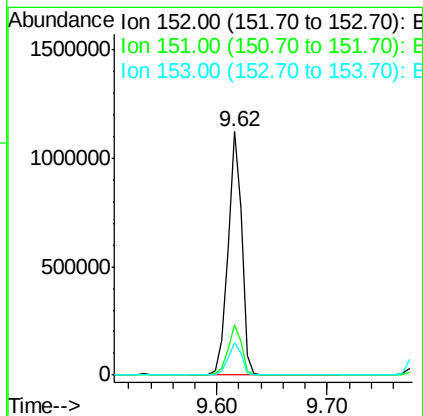
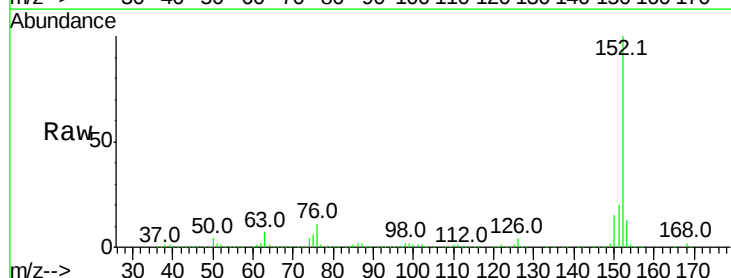
RT: 9.62 min Scan# 1280

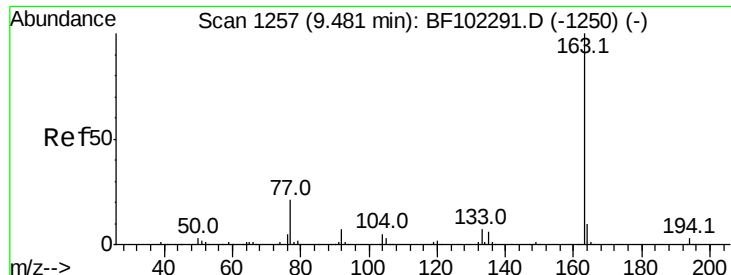
Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	152	Resp:	977816
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.5	10.7	16.1





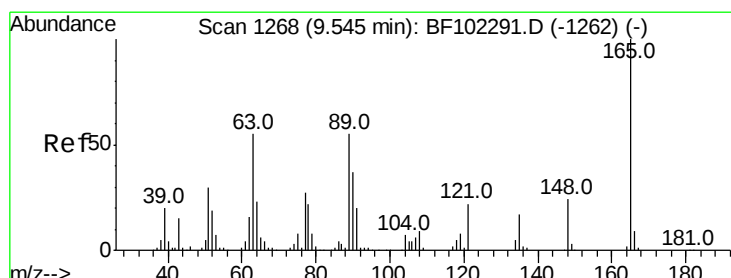
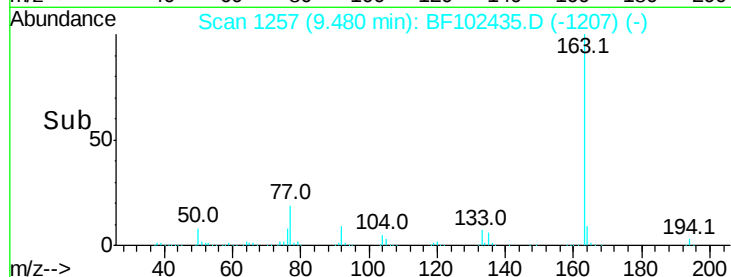
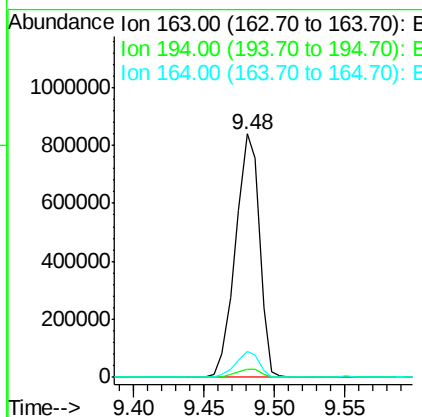
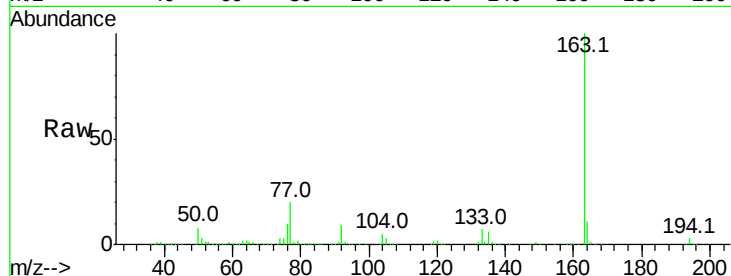
#49
Dimethylphthalate
Concen: 46.804 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.6	8.2	12.2	

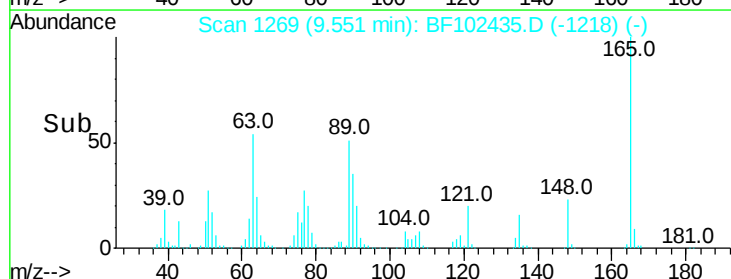
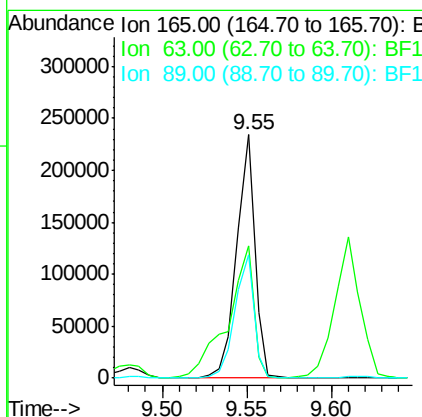
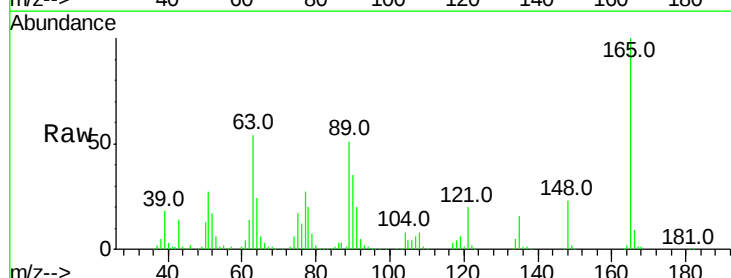
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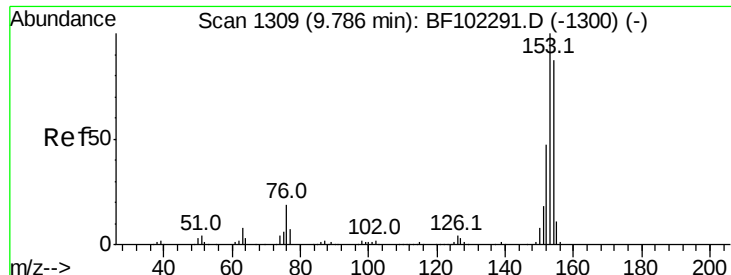
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#50
2,6-Dinitrotoluene
Concen: 38.775 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.2	44.7	67.1	
89	50.6	44.0	66.0	





#51

Acenaphthene

Concen: 35.708 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MSD

Tot Ion:154 Resp: 578061

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

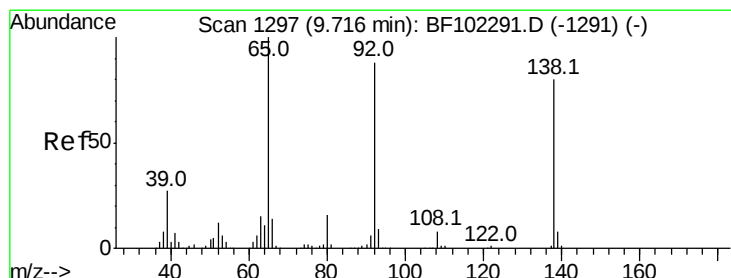
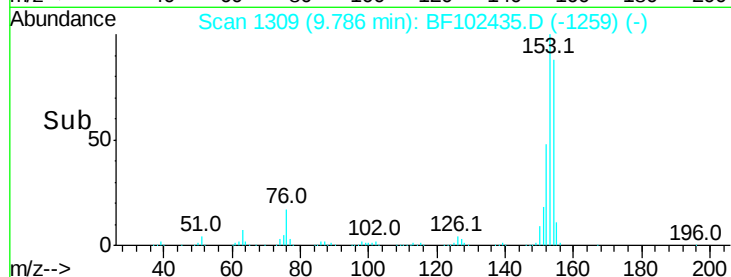
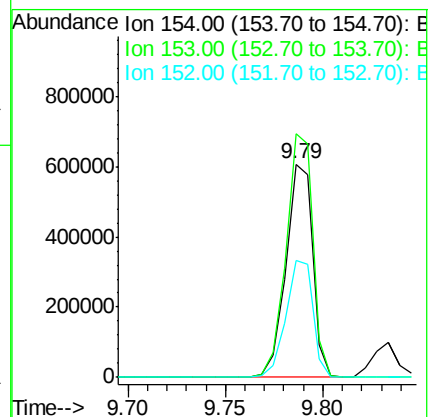
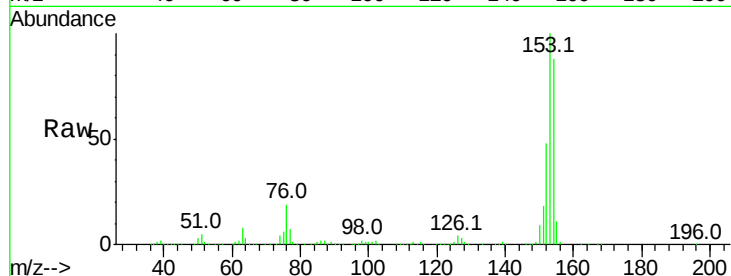
152 54.9 43.8 65.8

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#52

3-Nitroaniline

Concen: 25.795 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

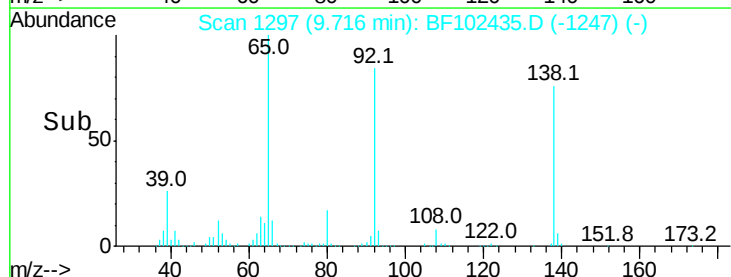
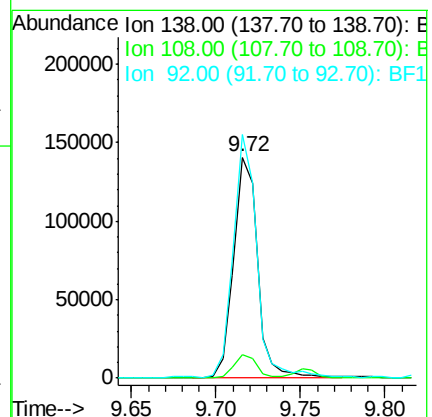
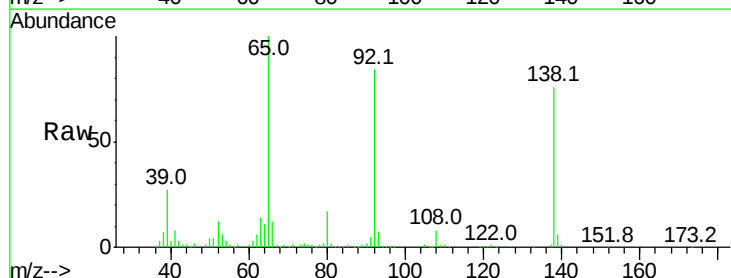
Tgt Ion:138 Resp: 139212

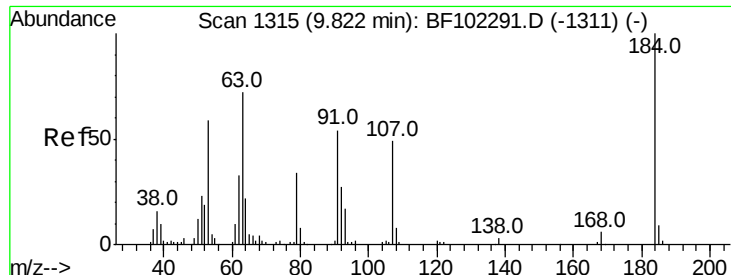
Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

92 110.1 89.4 134.2





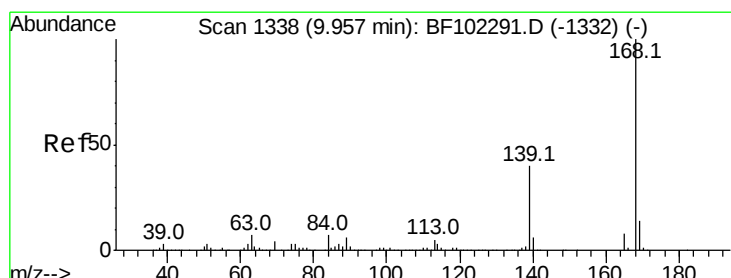
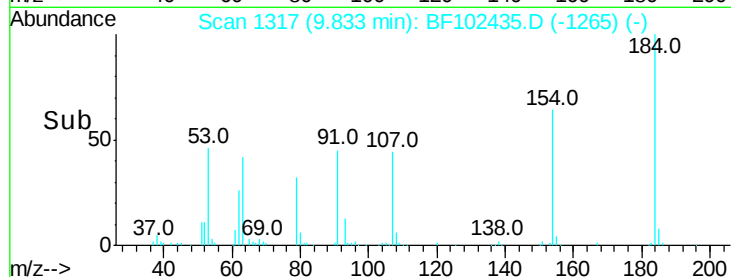
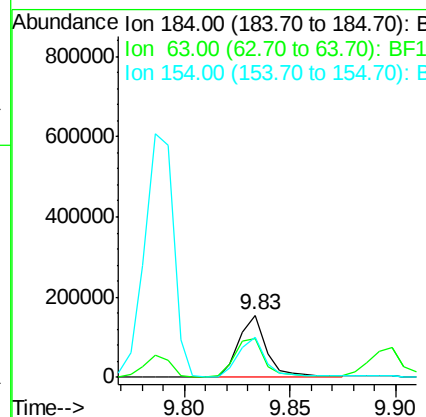
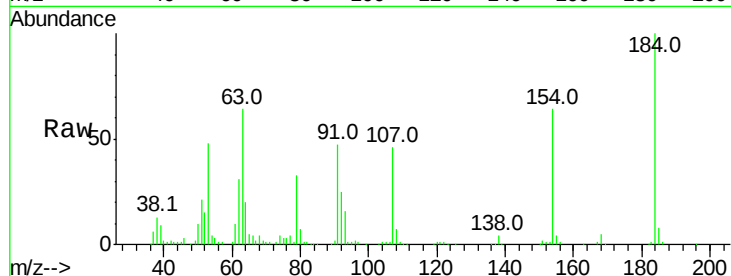
#53
2,4-Dinitrophenol
Concen: 70.869 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	144155		
63	63.8	54.2	81.2	
154	63.8	184.0	276.0	

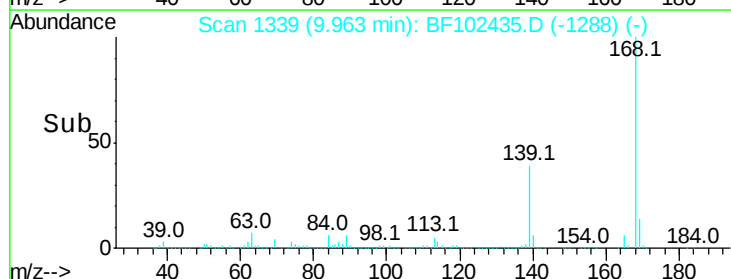
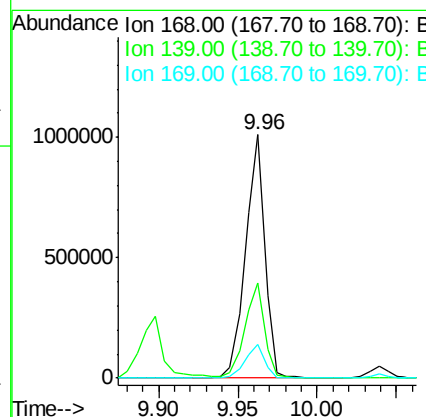
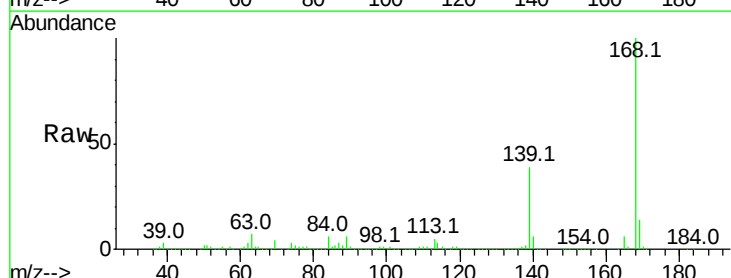
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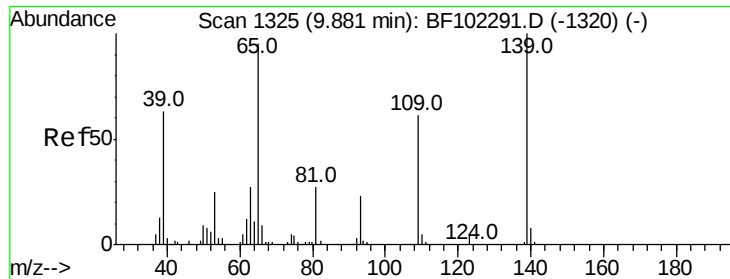
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#54
Dibenzofuran
Concen: 38.780 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	849641		
139	39.1	30.1	45.1	
169	13.6	10.9	16.3	





#55

4-Nitrophenol

Concen: 72.810 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)MSD

Tot Ion:139 Resp: 259379

Ion Ratio Lower Upper

139 100

109 62.4 48.4 88.4

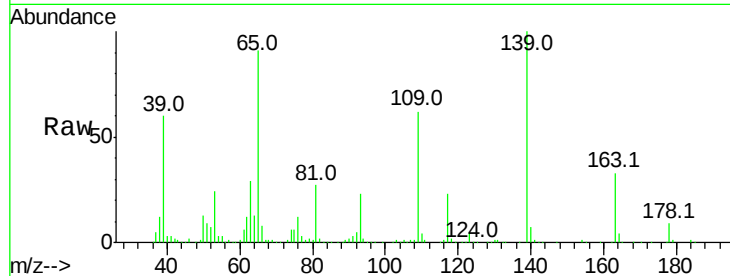
65 90.6 72.6 112.6

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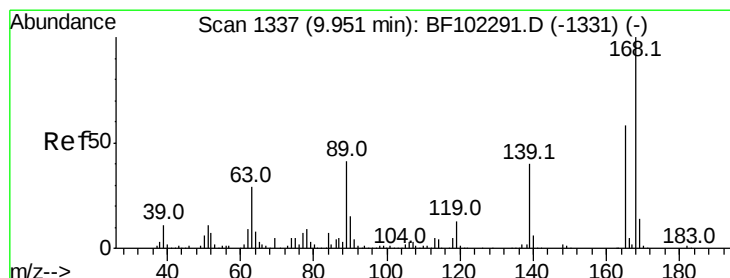
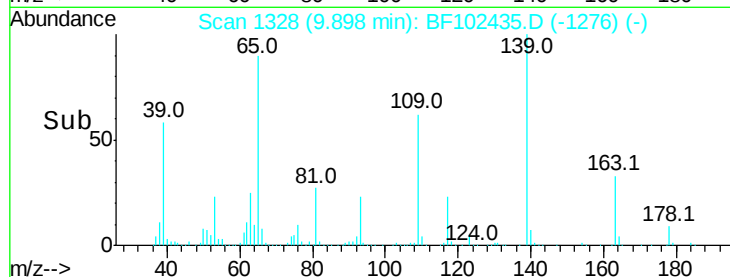
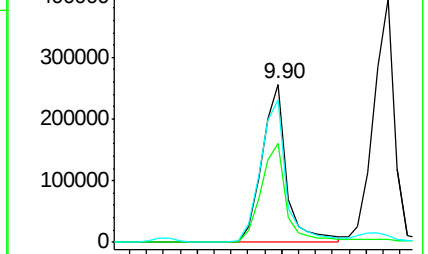
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 37.954 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:165 Resp: 212927

Ion Ratio Lower Upper

165 100

63 56.3 36.4 54.6#

89 74.6 57.8 86.6

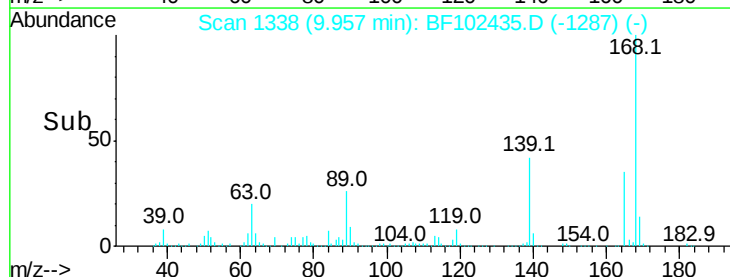
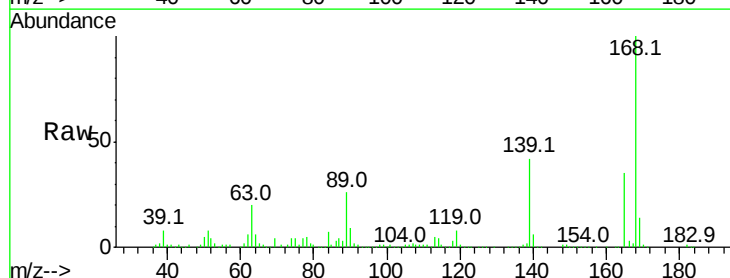
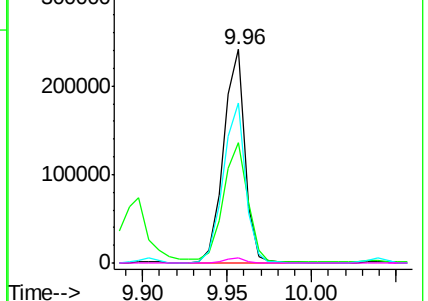
182 2.3 1.6 2.4

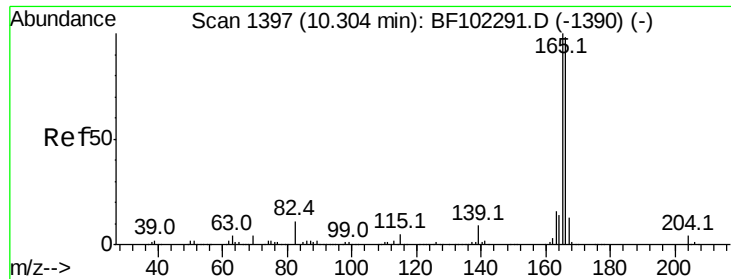
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.761 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

ClientSampled :

W12-1(0-2)MSD

Tot Ion:166 Resp: 655568

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

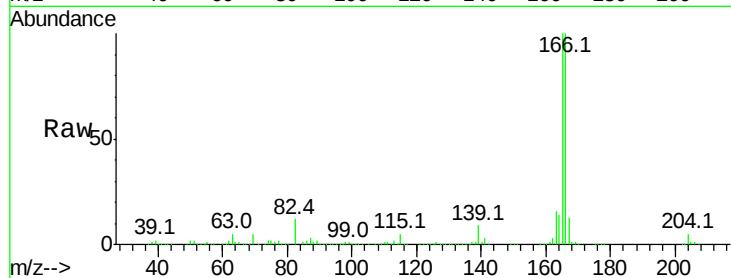
167 13.4 10.6 16.0

Manual Integrations

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Sohil

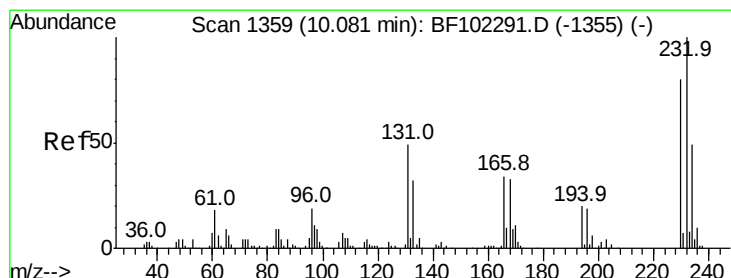
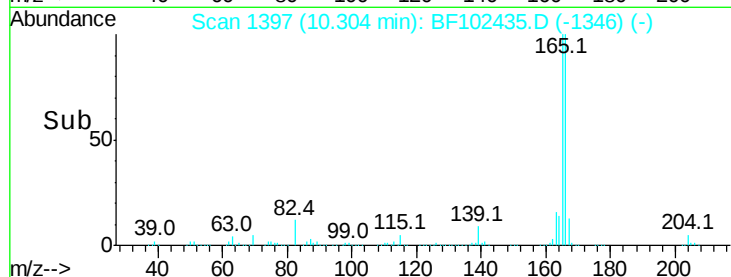
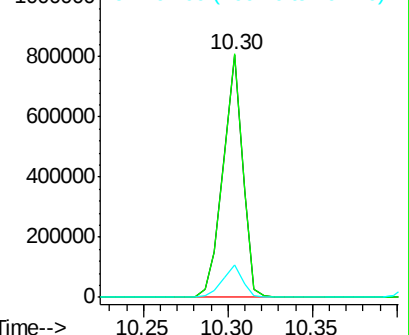
1/26/2018 11:24:33 AM



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: 38.471 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:232 Resp: 159457

Ion Ratio Lower Upper

232 100

131 54.1 43.8 65.8

130 2.7 2.1 3.1

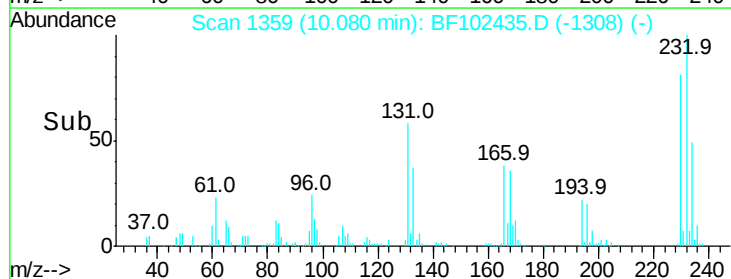
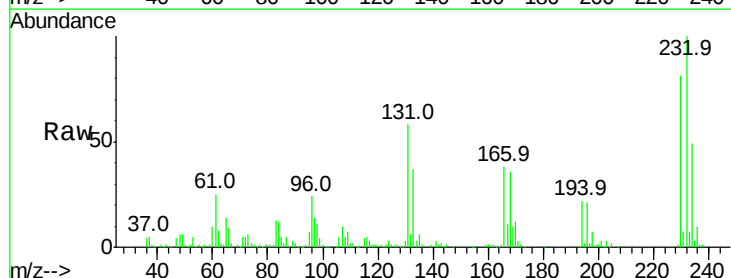
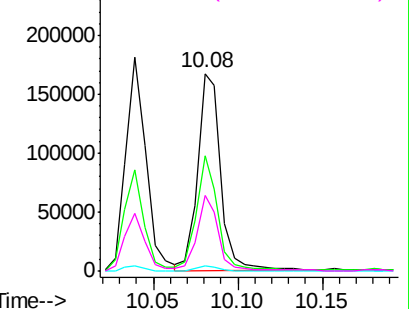
166 35.6 27.8 41.6

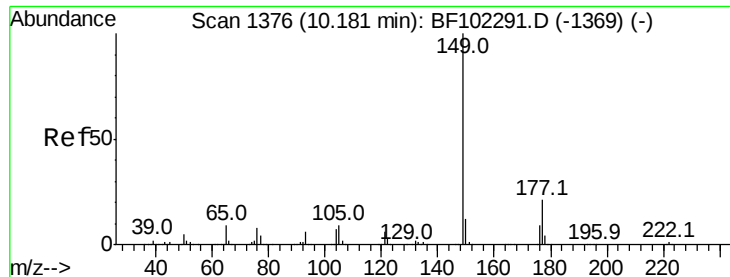
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





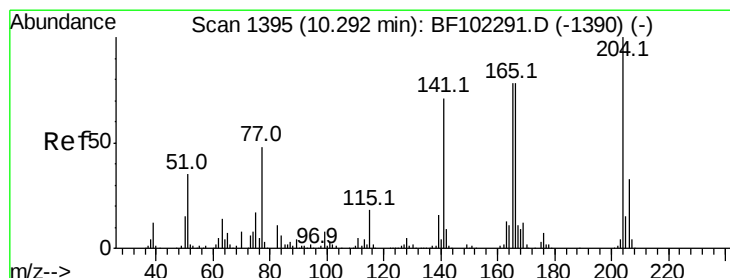
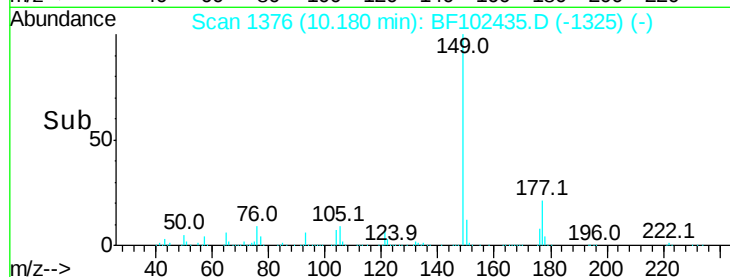
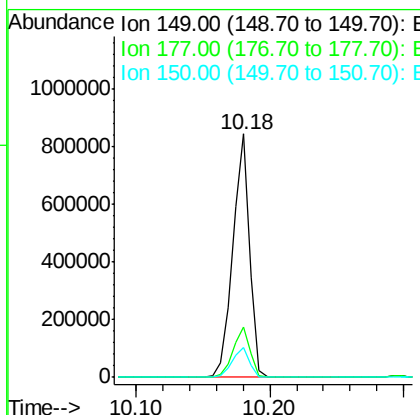
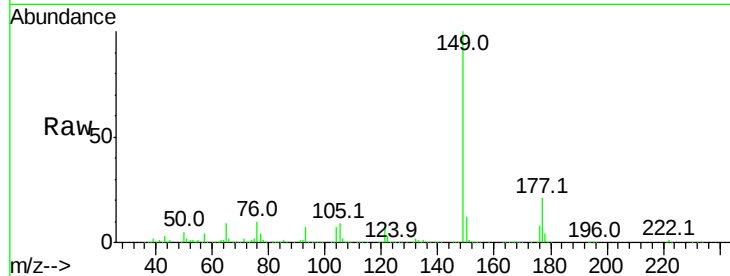
#59
Diethylphthalate
Concen: 36.413 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.4	10.1	15.1

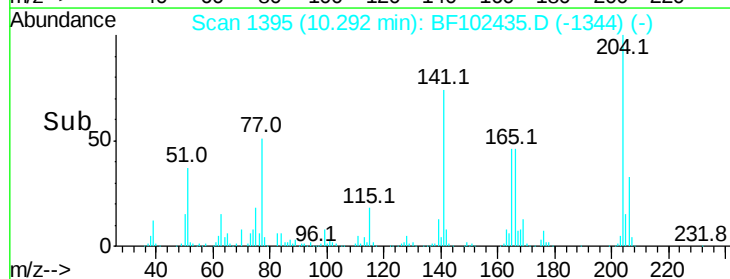
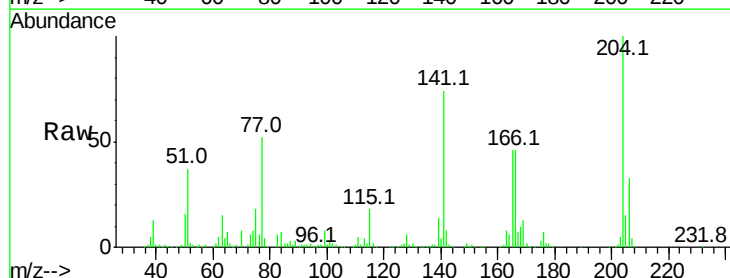
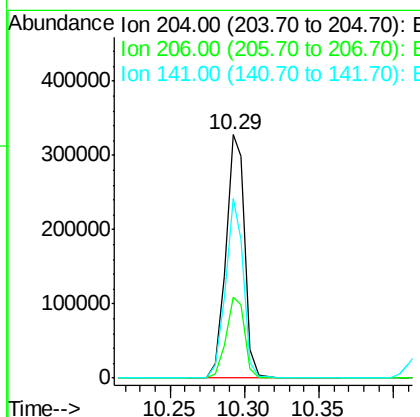
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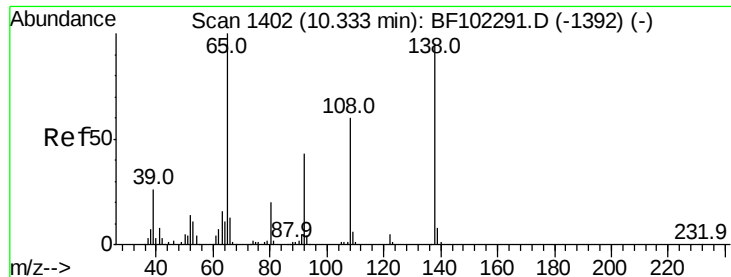
Sohil
1/26/2018 11:24:33 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.979 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	73.5	54.6	81.8





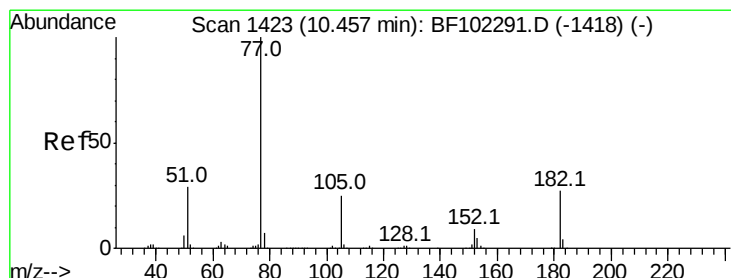
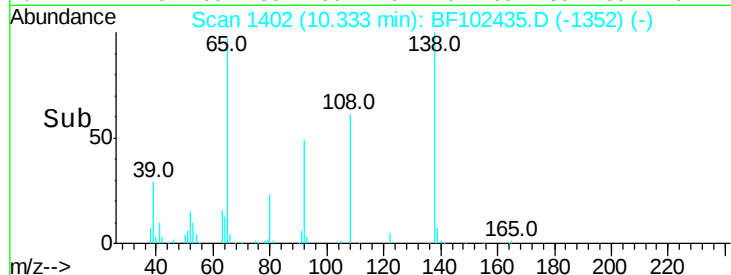
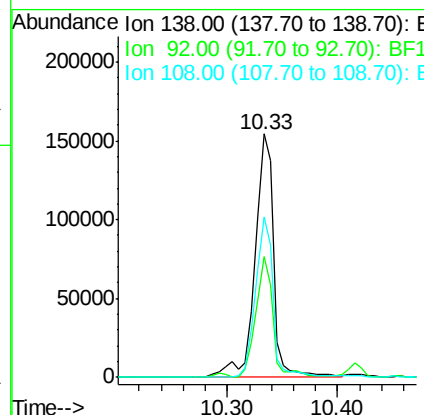
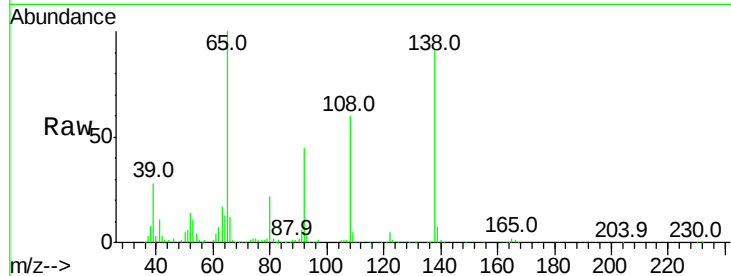
#61
4-Nitroaniline
Concen: 34.314 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.2	70.2
108	66.0	52.5	92.5

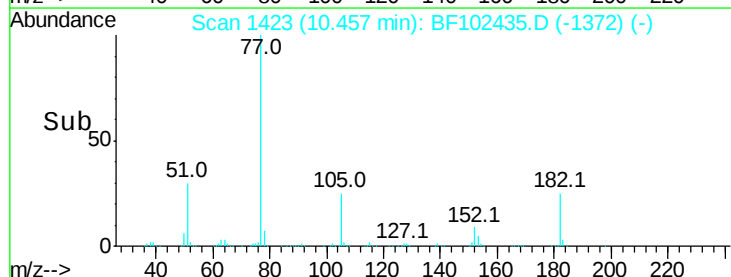
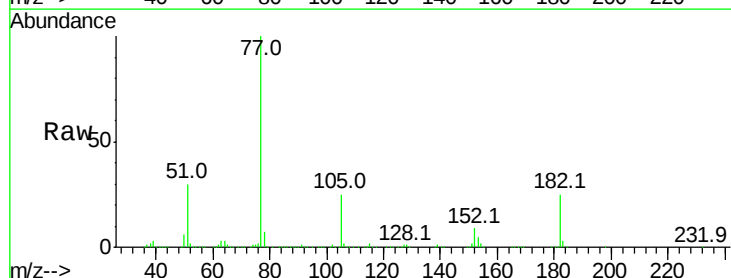
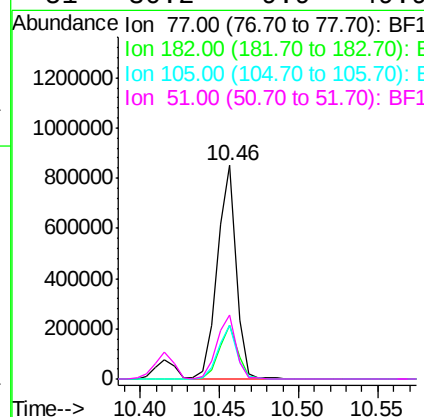
Manual Integrations
APPROVED

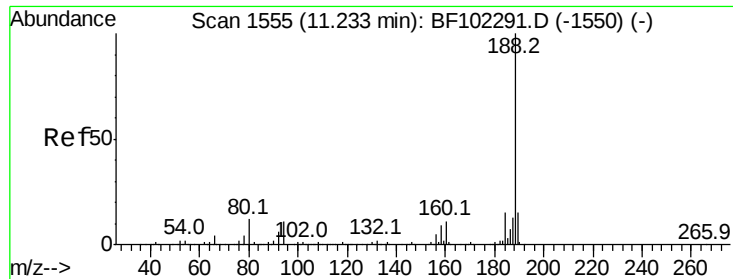
Sohil
1/26/2018 11:24:33 AM



#62
Azobenzene
Concen: 36.942 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	24.9	3.0	43.0
51	30.2	9.9	49.9





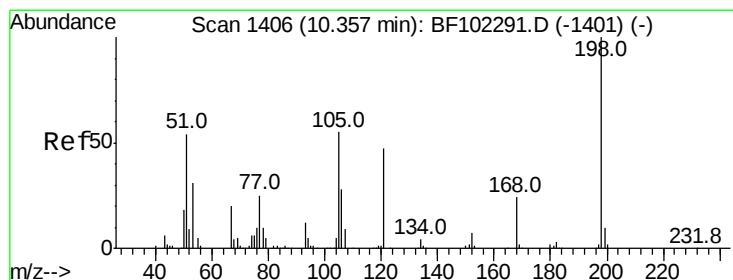
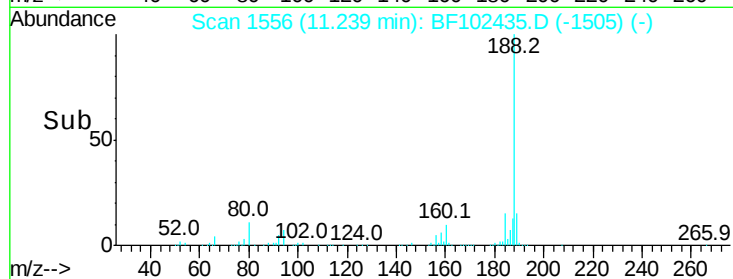
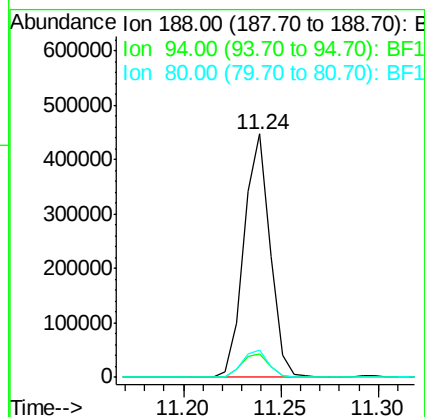
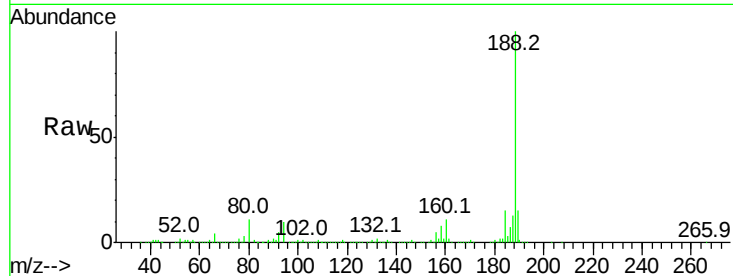
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

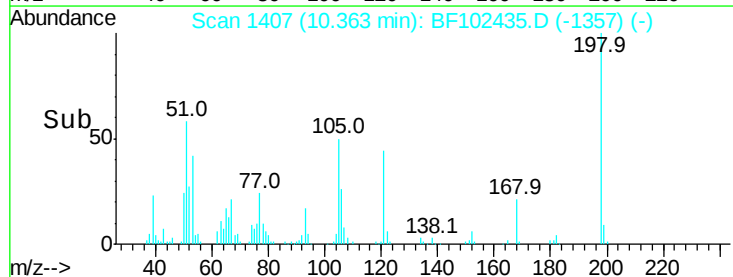
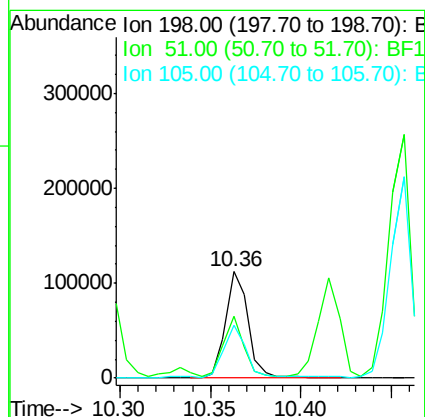
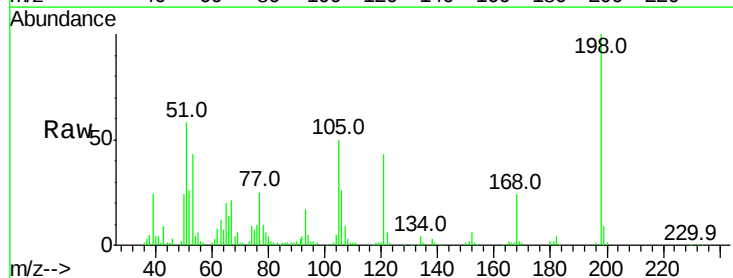
Manual Integrations
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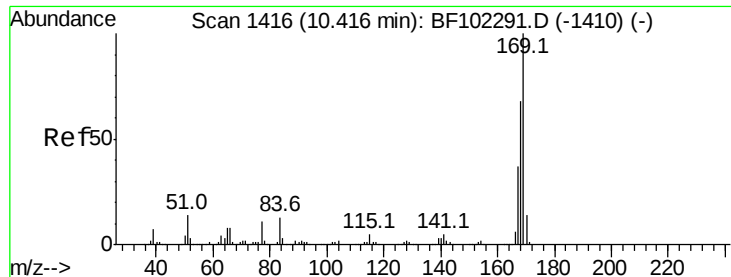
Sohil
1/26/2018 11:24:33 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.675 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.1	37.7	77.7
105	49.9	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 40.305 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

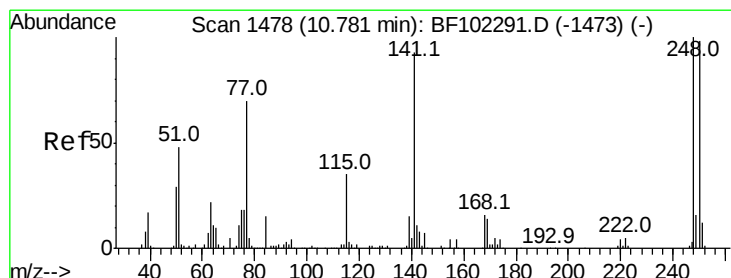
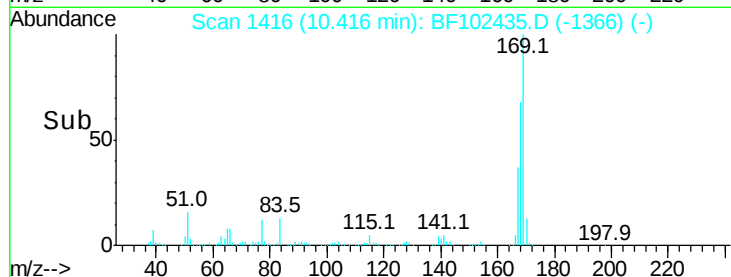
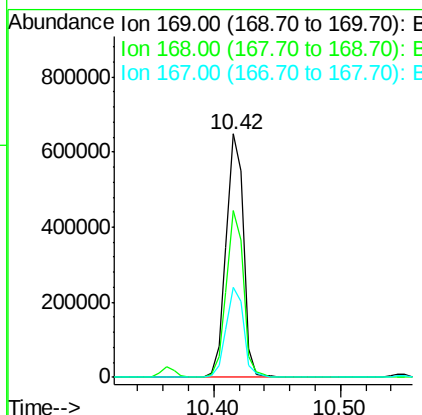
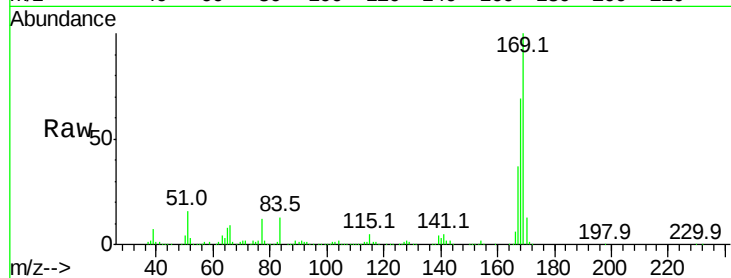
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	169	Resp:	613513
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.4	81.6
167	37.2	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.218 ng

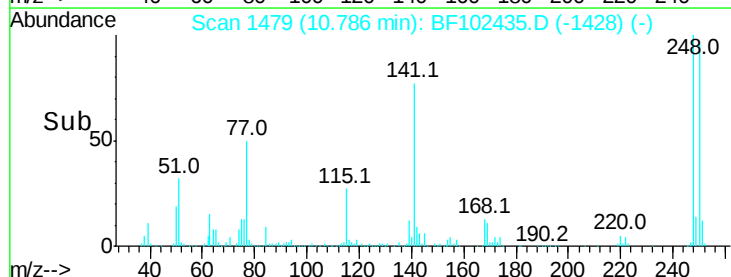
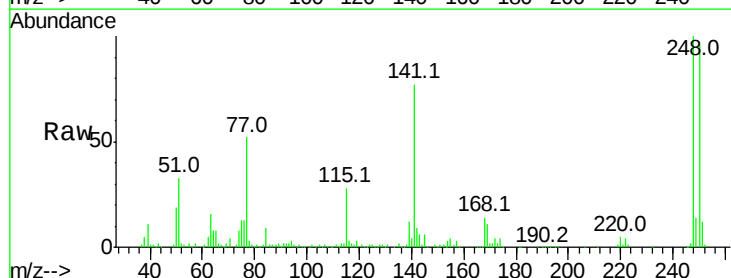
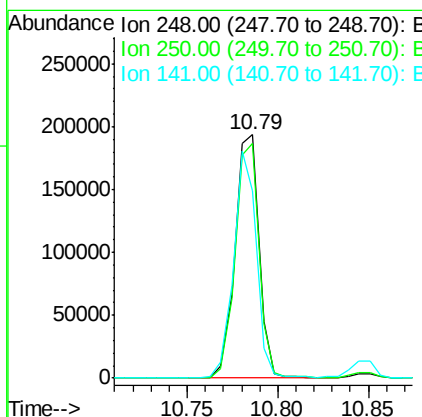
RT: 10.79 min Scan# 1479

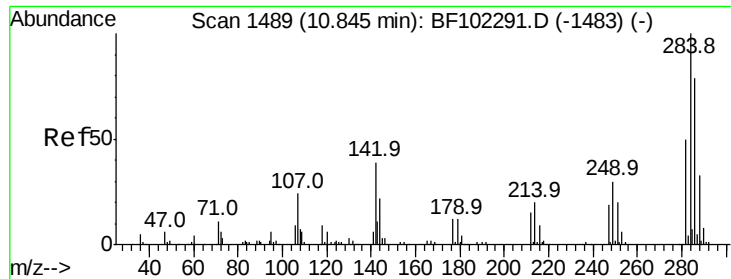
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	248	Resp:	179551
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.9	115.3
141	77.1	74.4	111.6





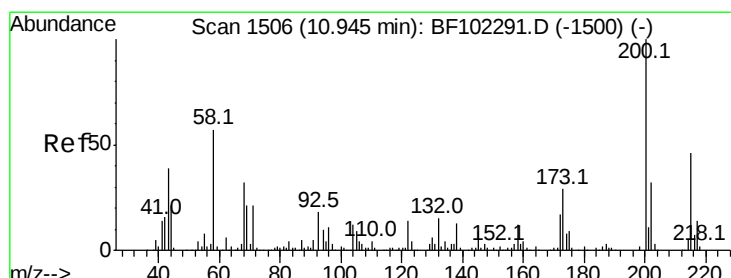
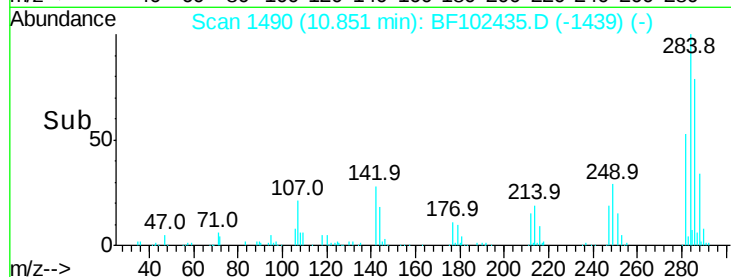
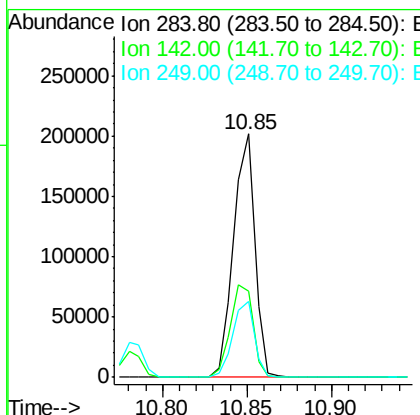
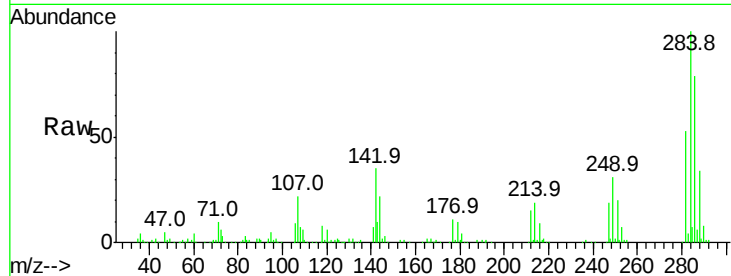
#67
Hexachlorobenzene
Concen: 35.333 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	176416		
142	35.4	34.6	52.0	
249	31.3	24.8	37.2	

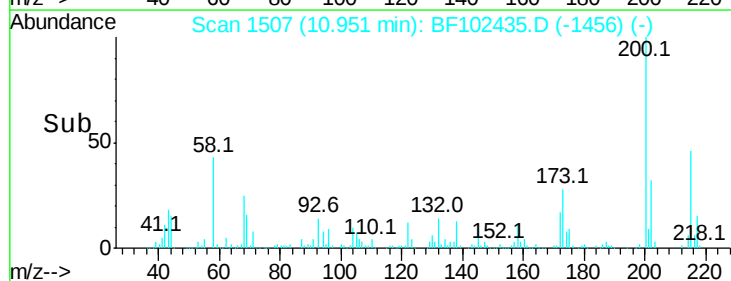
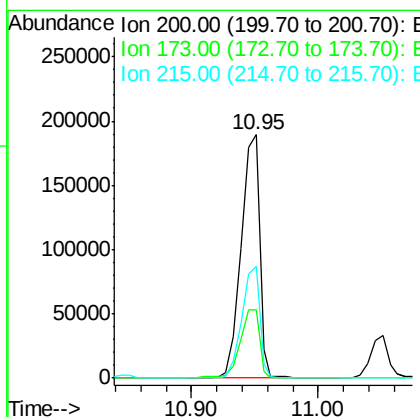
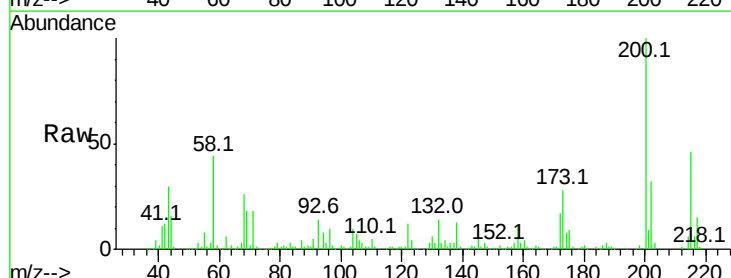
Manual Integrations
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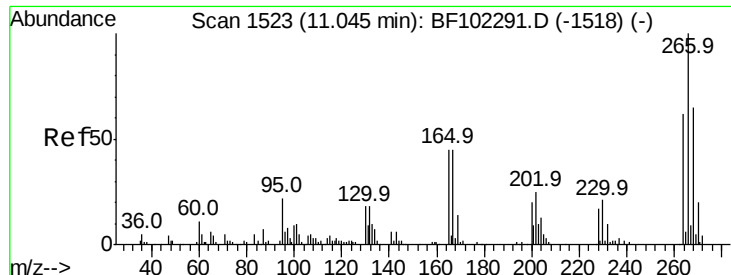
Sohil
1/26/2018 11:24:33 AM



#68
Atrazine
Concen: 42.098 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	189257		
173	27.9	8.6	48.6	
215	45.9	25.1	65.1	





#69

Pentachlorophenol

Concen: 64.050 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

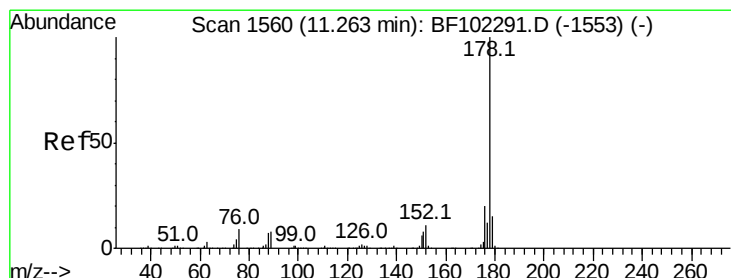
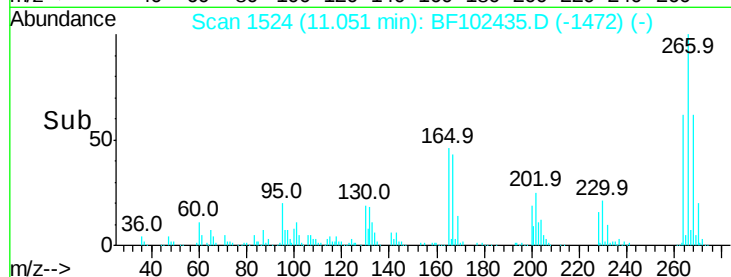
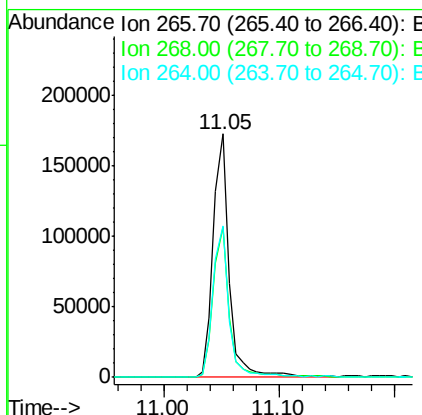
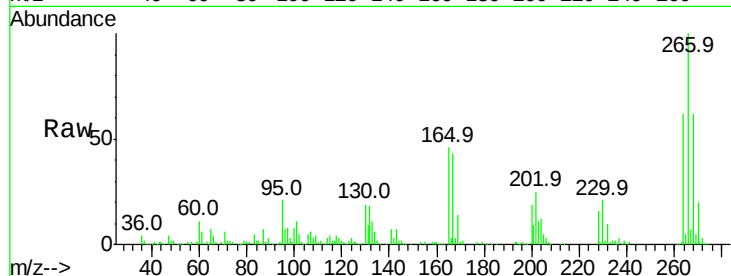
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	266	Resp:	167994
Ion Ratio	Lower	Upper	
266	100		
268	61.8	51.1	76.7
264	62.1	49.5	74.3

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#70

Phenanthrene

Concen: 37.356 ng

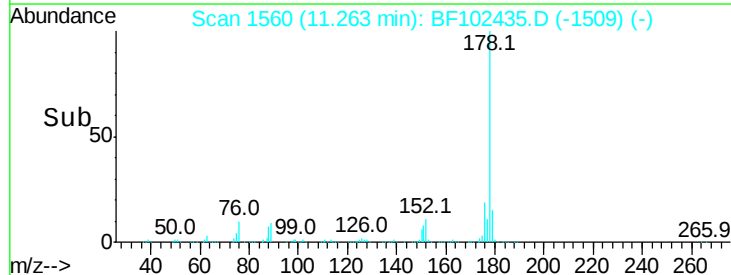
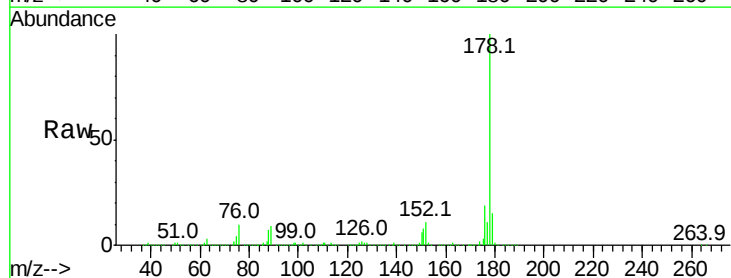
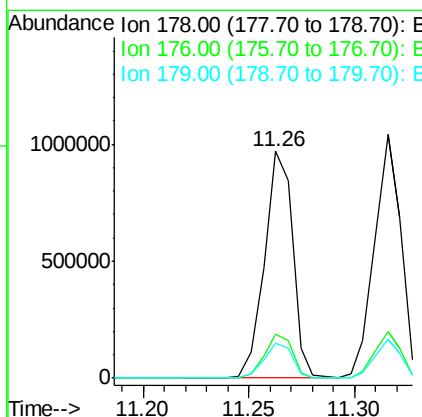
RT: 11.26 min Scan# 1560

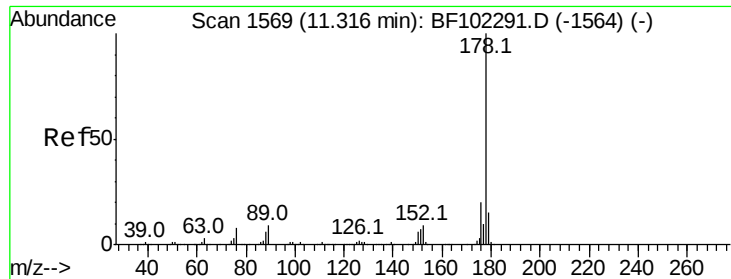
Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	178	Resp:	902766
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6





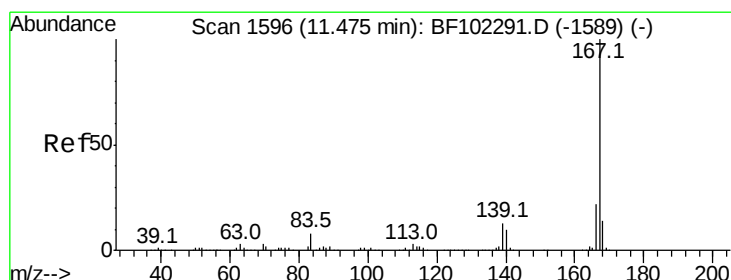
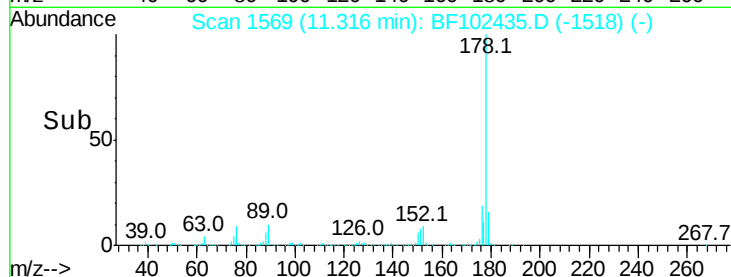
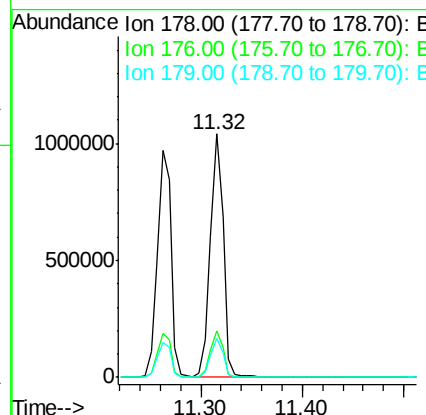
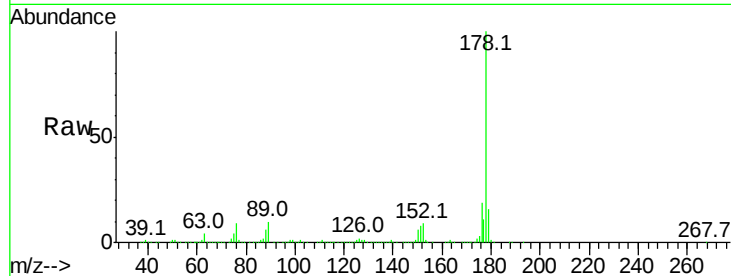
#71
 Anthracene
 Concen: 37.790 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	19.0

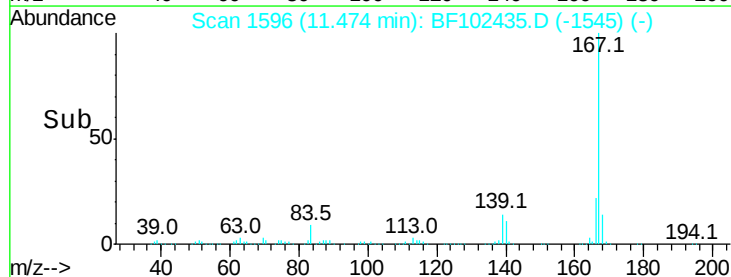
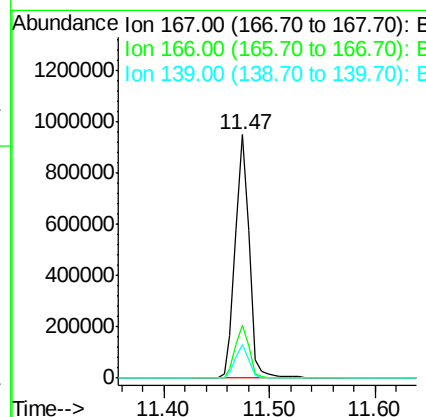
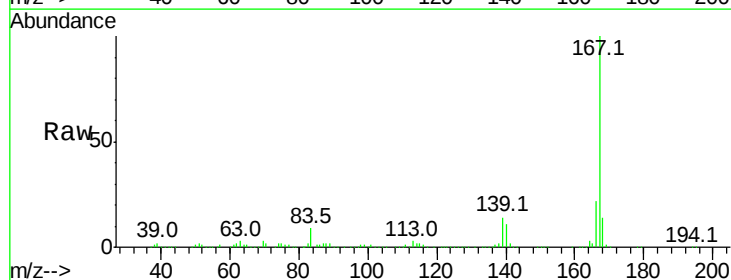
Manual Integrations
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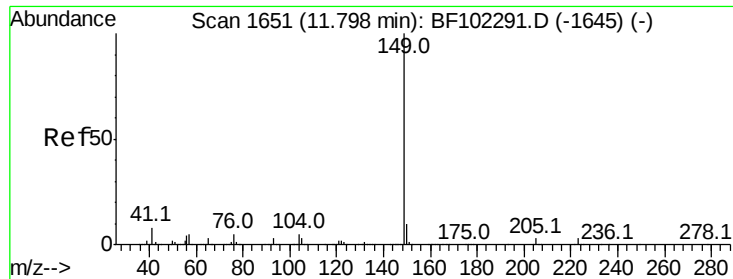
Sohil
 1/26/2018 11:24:33 AM



#72
 Carbazole
 Concen: 35.983 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.673 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

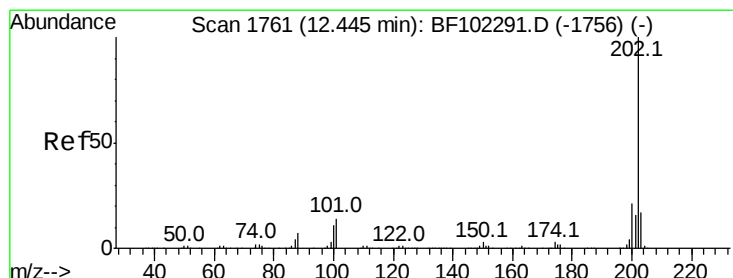
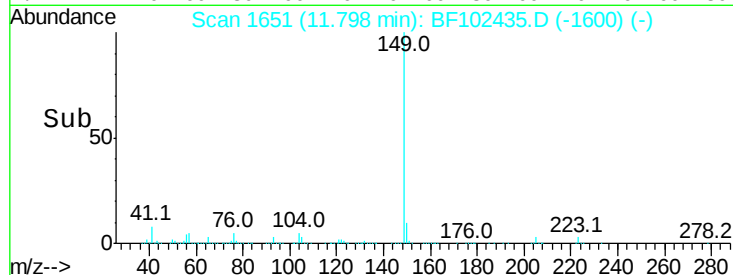
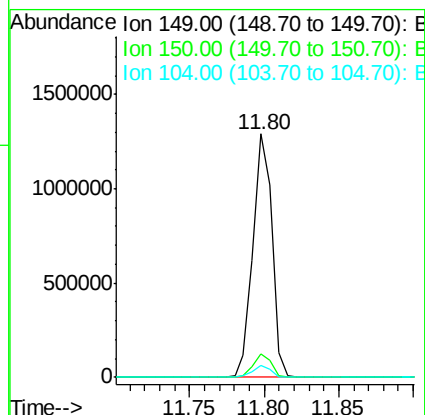
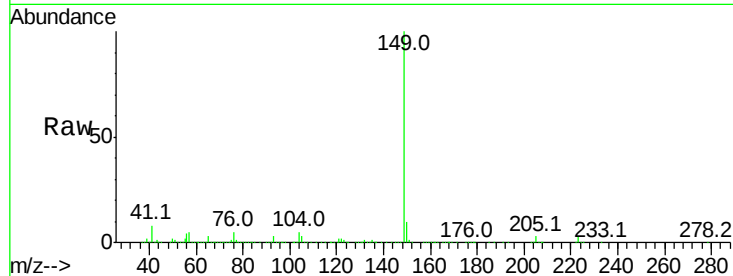
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	149	Resp:	1133195
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 33.162 ng

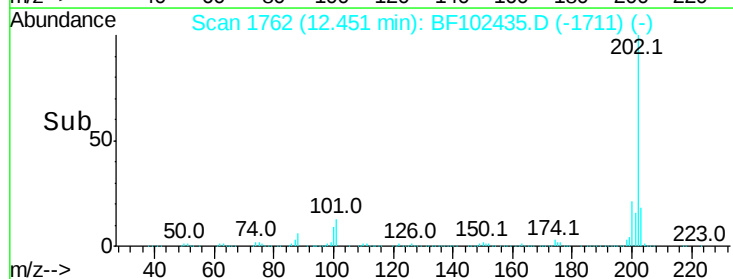
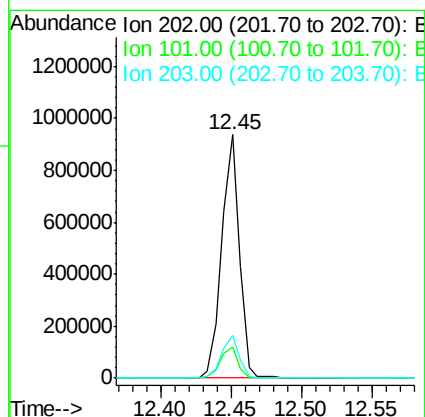
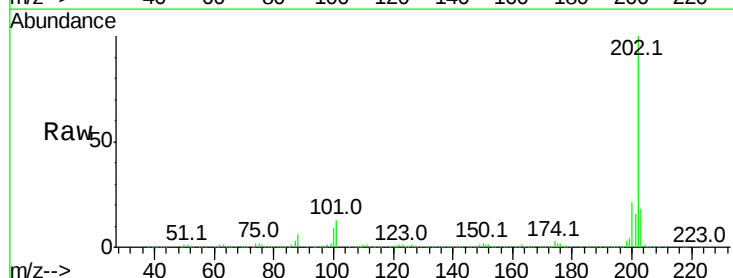
RT: 12.45 min Scan# 1762

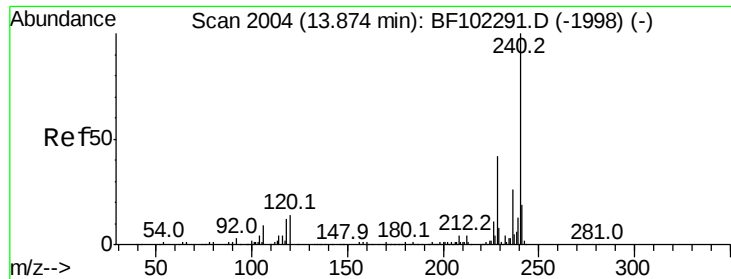
Delta R.T. 0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	202	Resp:	817252
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.7	0.0	38.1





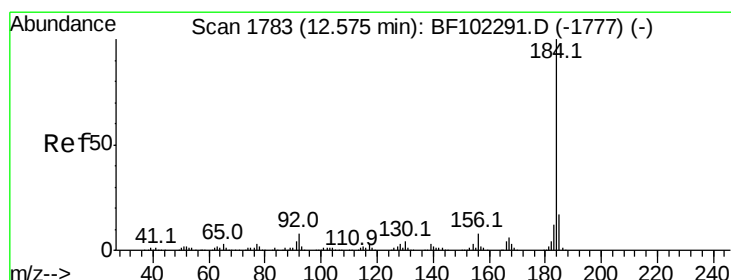
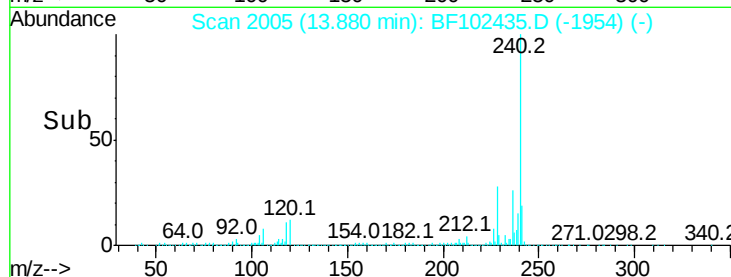
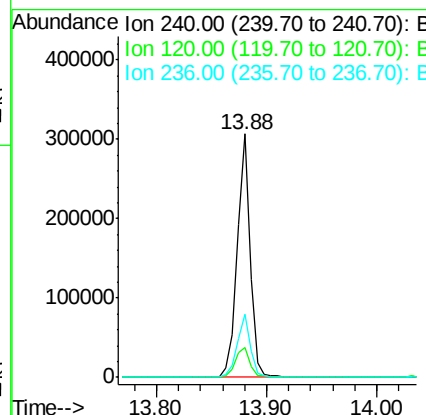
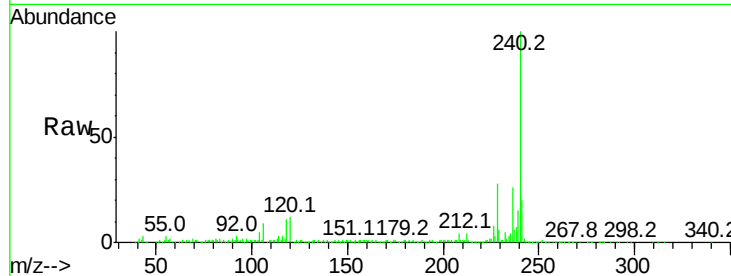
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.1	20.7	31.1

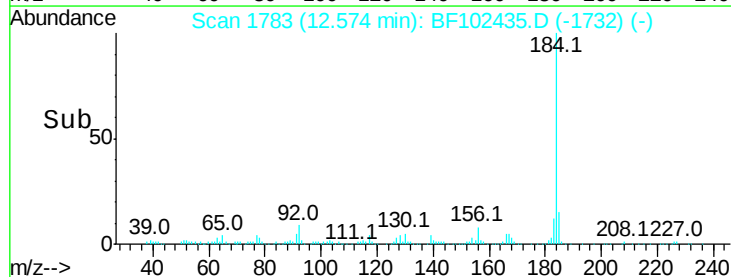
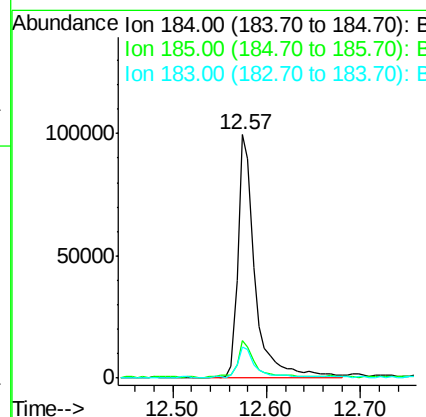
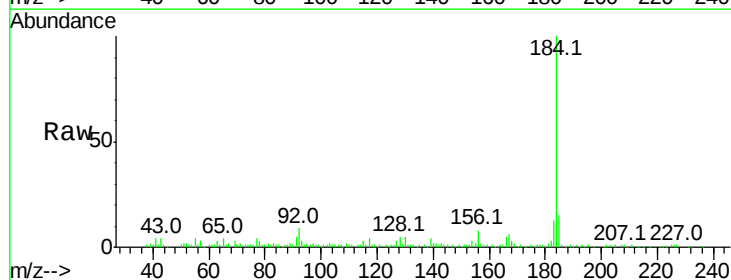
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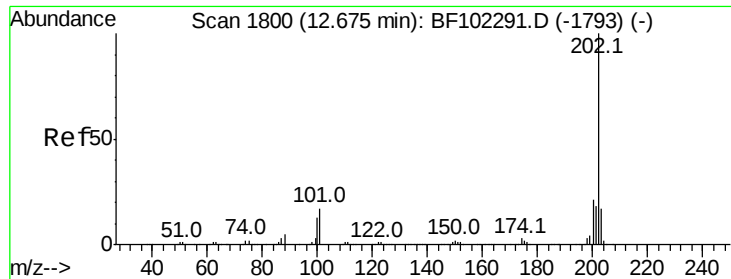
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#76
Benzidine
Concen: 14.856 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	12.7	9.3	13.9





#77

Pvrene

Concen: 40.374 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

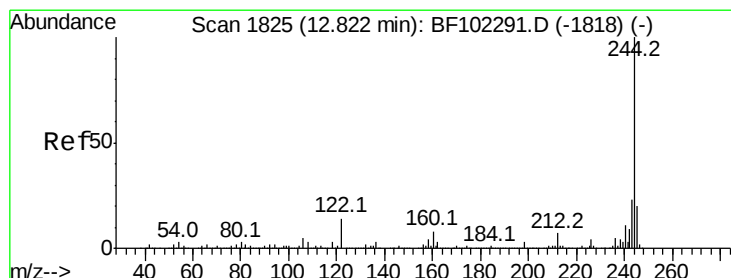
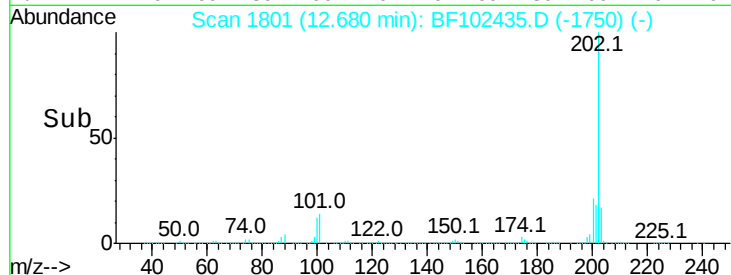
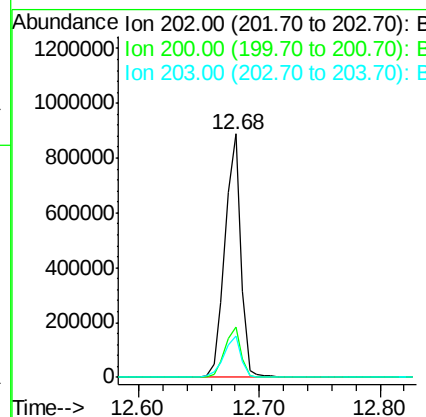
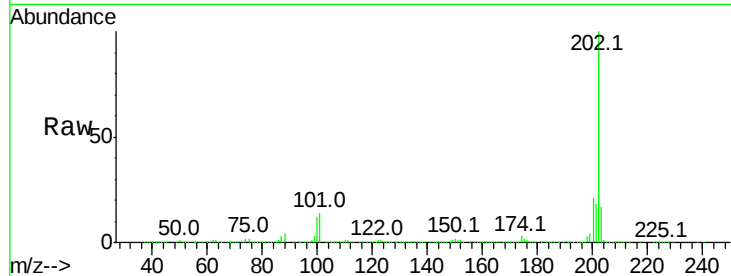
Instrument :
BNA_F

ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 83.917 ng

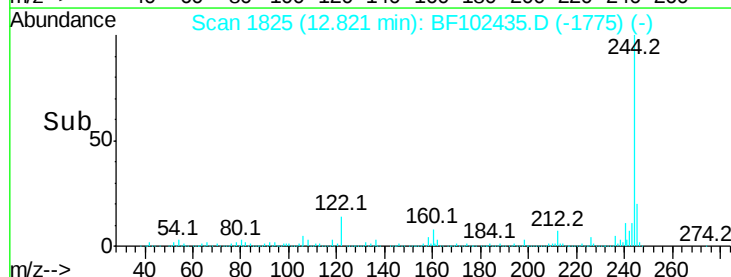
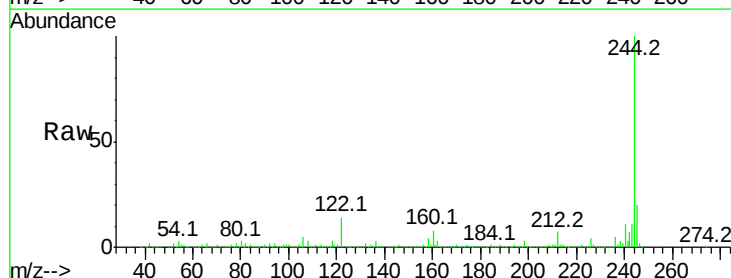
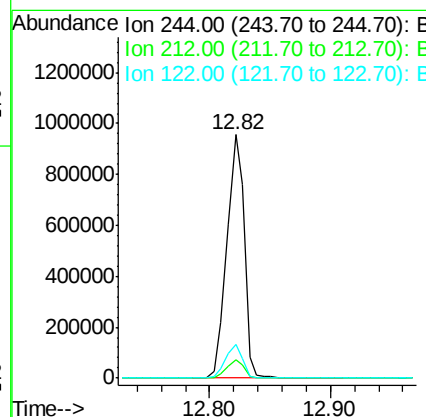
RT: 12.82 min Scan# 1825

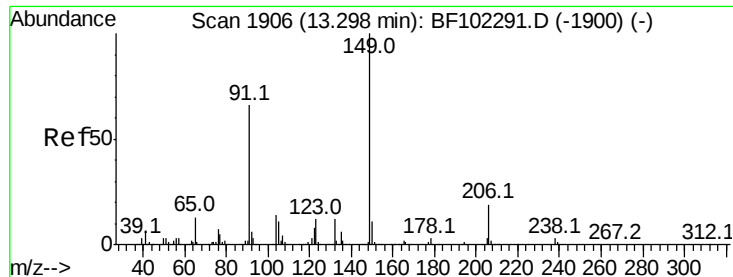
Delta R.T. -0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.0	11.0	16.4





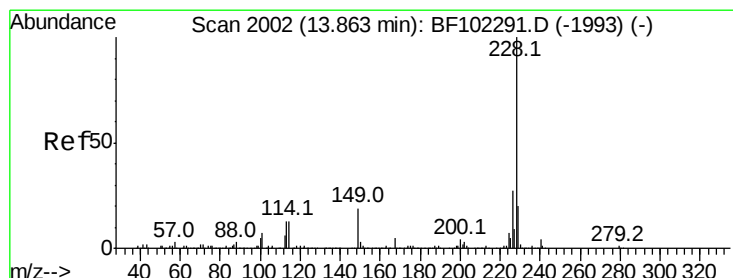
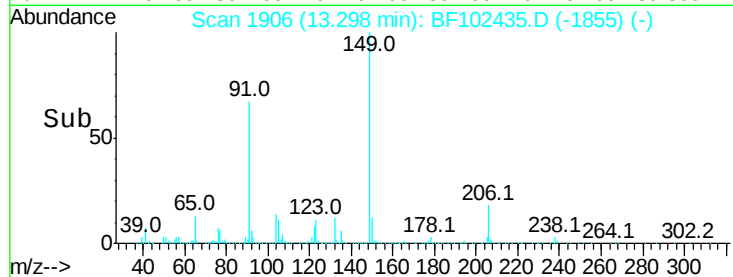
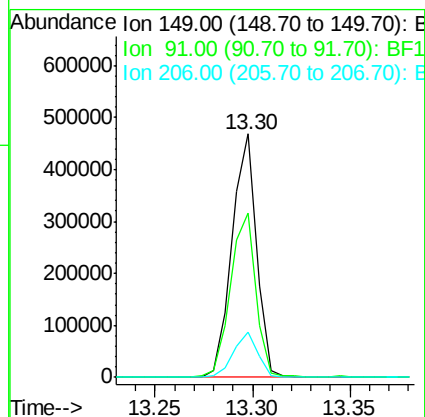
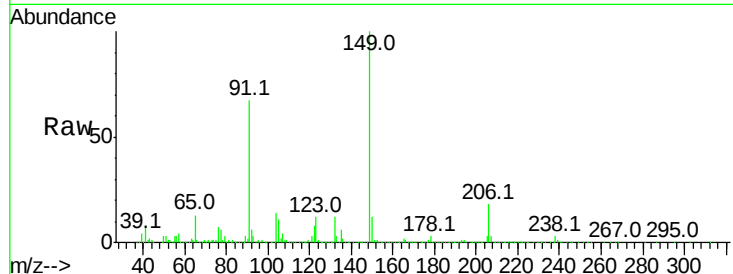
#79
Butylbenzylphthalate
Concen: 41.429 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion:	149	Resp:	407021
Ion Ratio	Lower	Upper	
149	100		
91	67.4	56.8	85.2
206	18.5	14.1	21.1

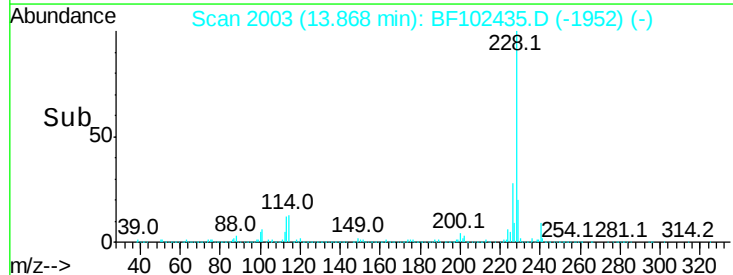
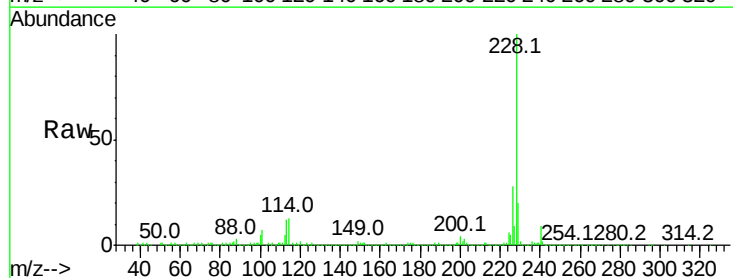
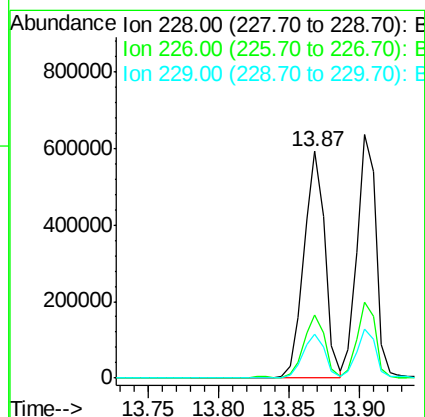
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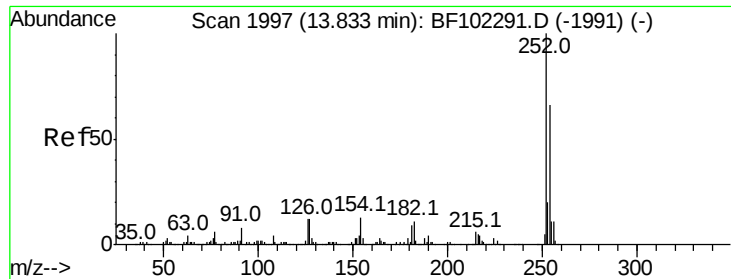
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#80
Benzo(a)anthracene
Concen: 38.773 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion:	228	Resp:	609524
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6





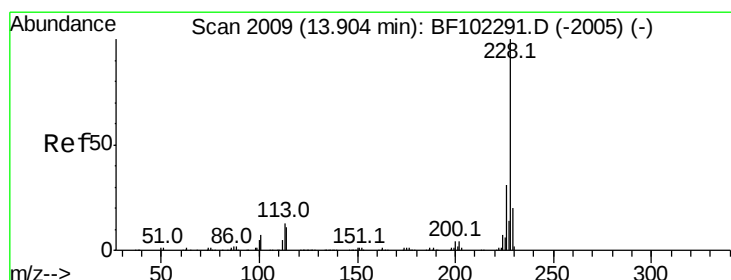
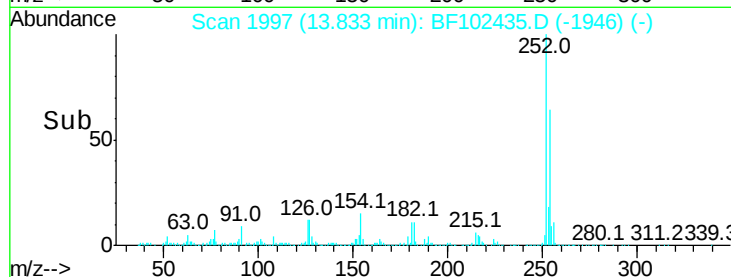
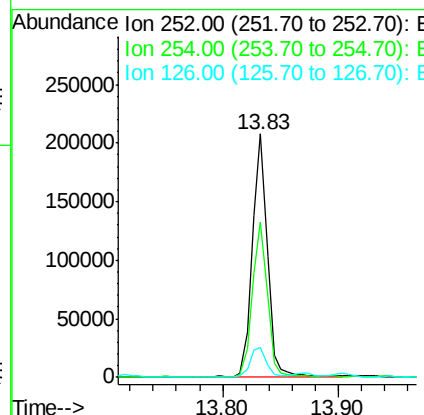
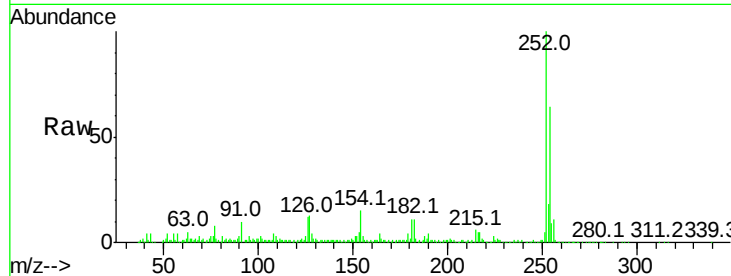
#81
3,3'-Dichlorobenzidine
Concen: 32.478 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	187296		
254	64.0		50.4	75.6
126	12.4		11.3	16.9

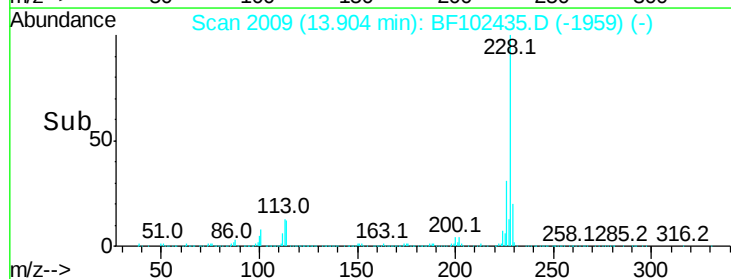
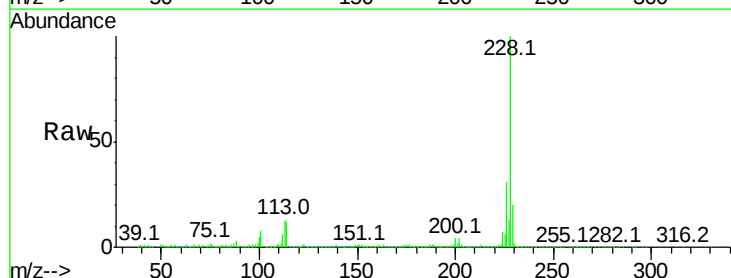
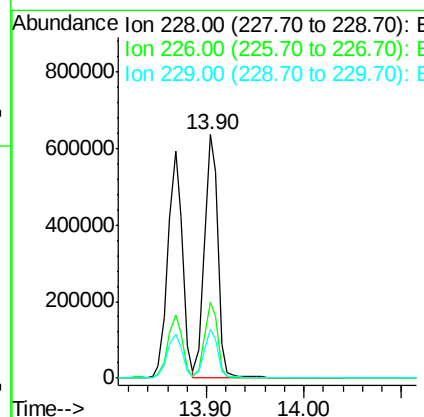
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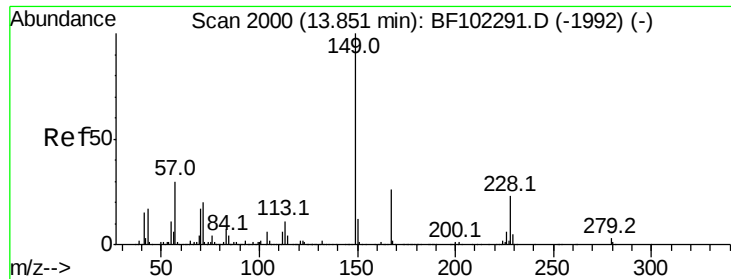
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#82
Chrysene
Concen: 37.710 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	601994		
226	31.1		25.0	37.6
229	20.0		16.2	24.4





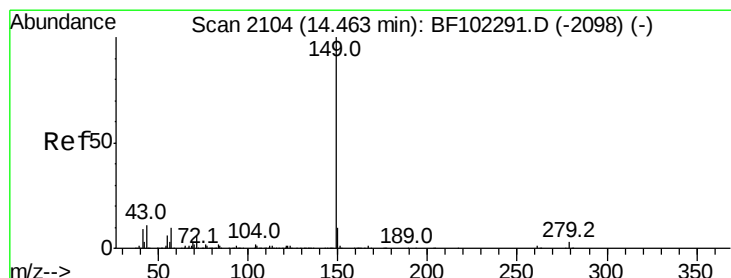
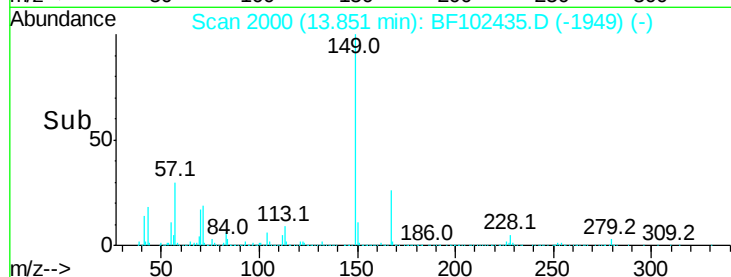
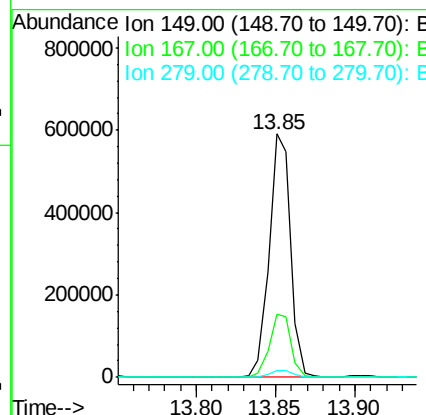
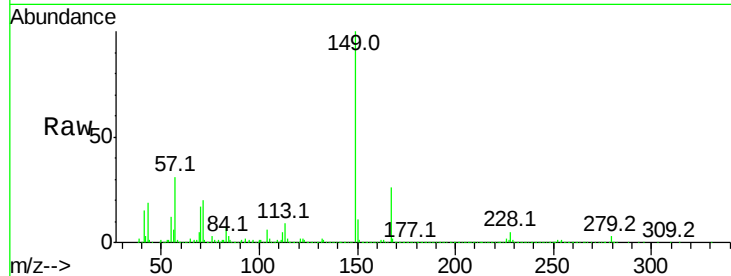
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.244 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	557756		
167	26.1	21.3	31.9	
279	2.6	3.0	4.4	

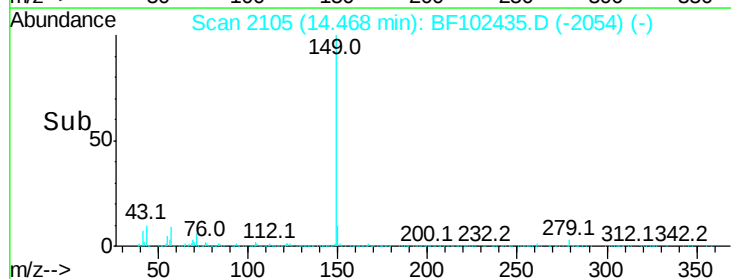
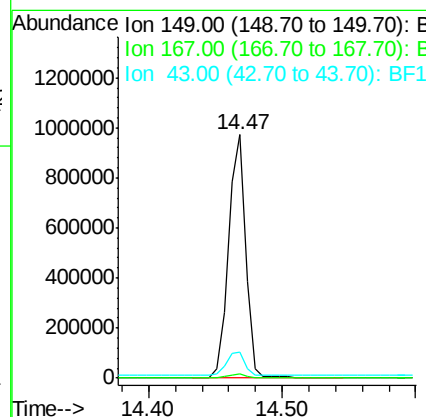
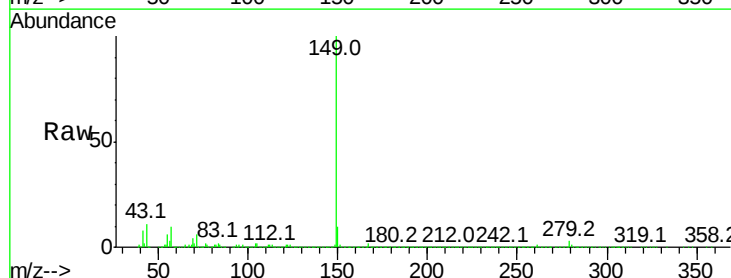
Manual Integrations
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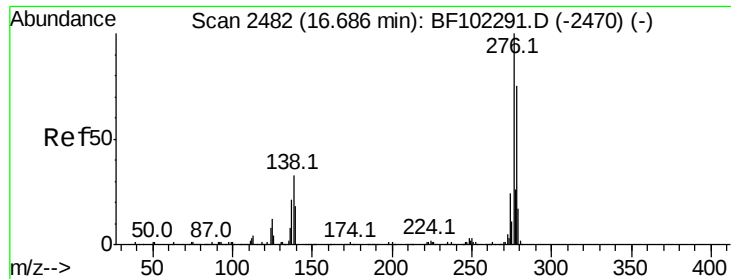
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#84
 Di-n-octyl phthalate
 Concen: 40.907 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878348		
167	1.6	1.2	1.8	
43	10.5	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.475 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Instrument :

BNA_F

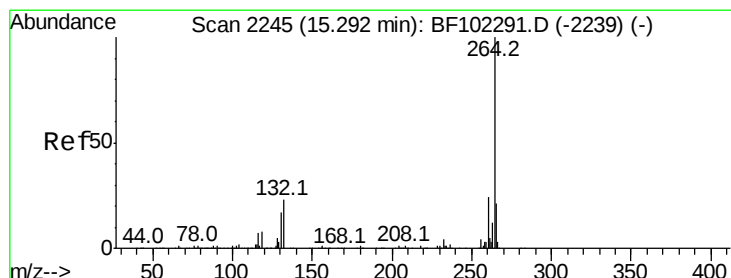
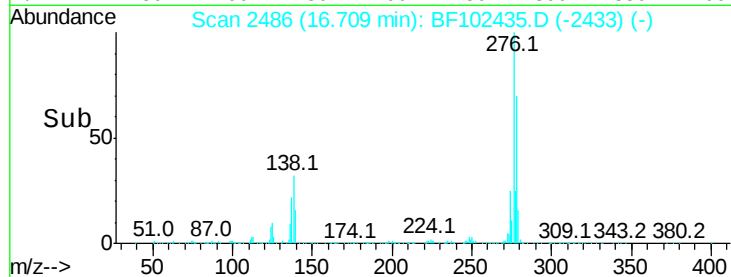
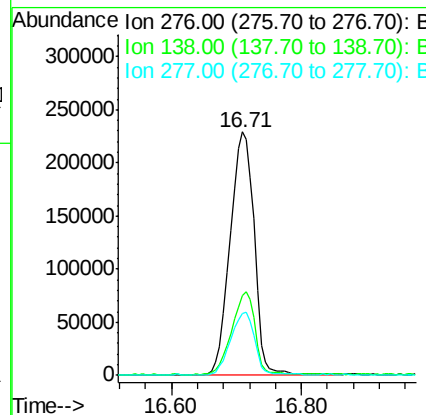
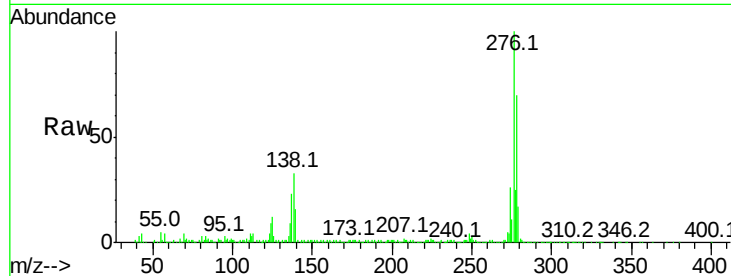
ClientSampleId :

W12-1(0-2)MSD

Tot Ion:	276	Resp:	586354
Ion Ratio	Lower	Upper	
276	100		
138	32.6	25.0	37.6
277	25.4	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

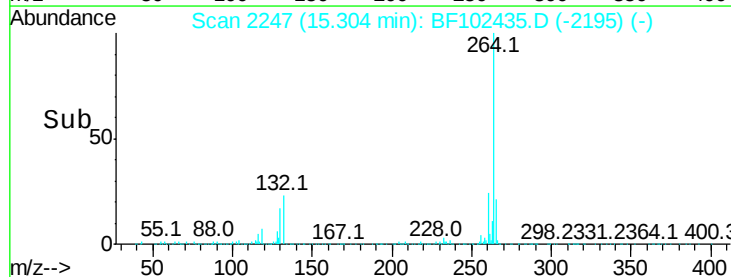
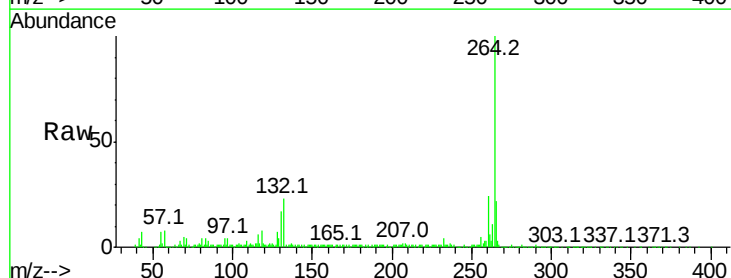
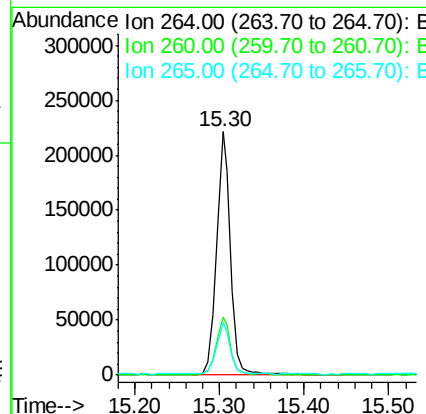
RT: 15.30 min Scan# 2247

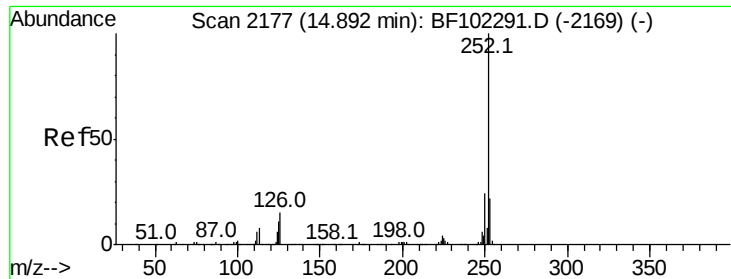
Delta R.T. 0.01 min

Lab File: BF102435.D

Acq: 25 Jan 2018 20:38

Tgt Ion:	264	Resp:	257690
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





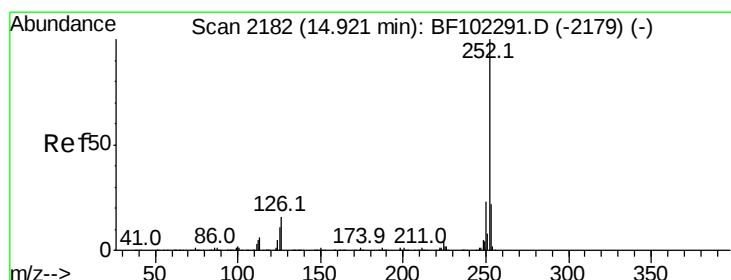
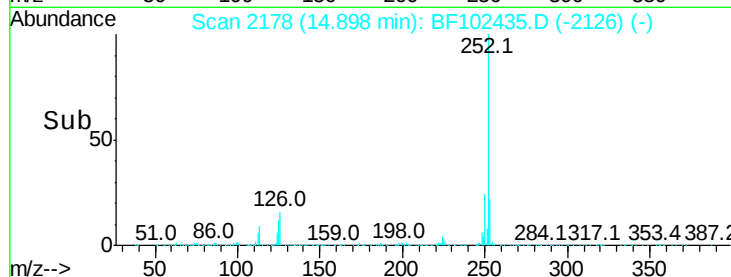
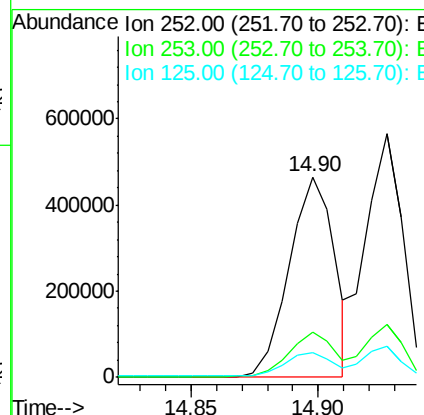
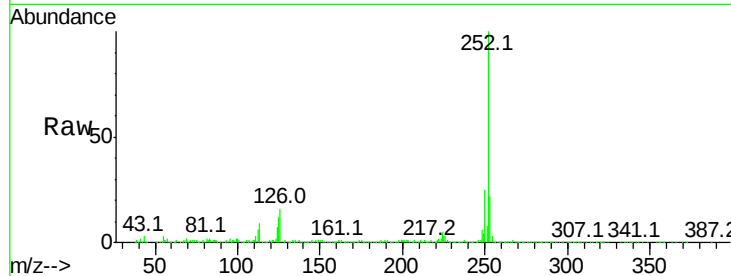
#87
Benzo(b)fluoranthene
Concen: 34.556 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.4	9.0	13.6

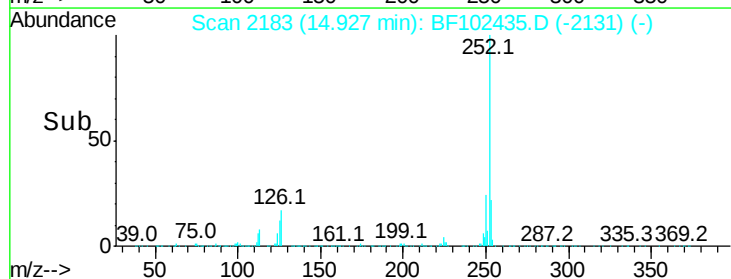
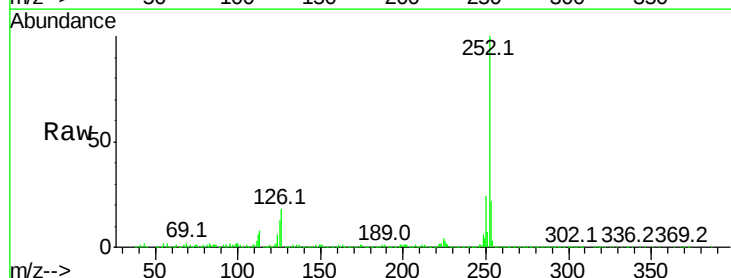
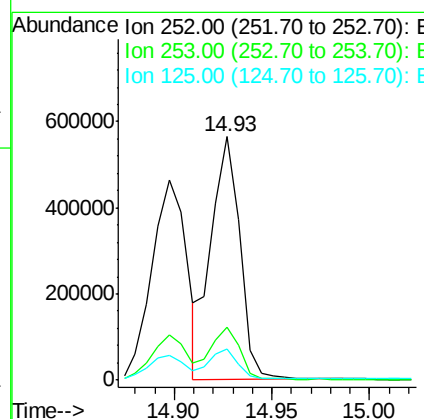
Manual Integrations
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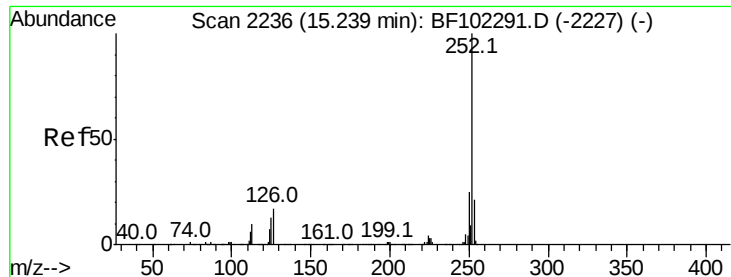
Sohil
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#88
Benzo(k)fluoranthene
Concen: 36.556 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.6	10.2	15.2





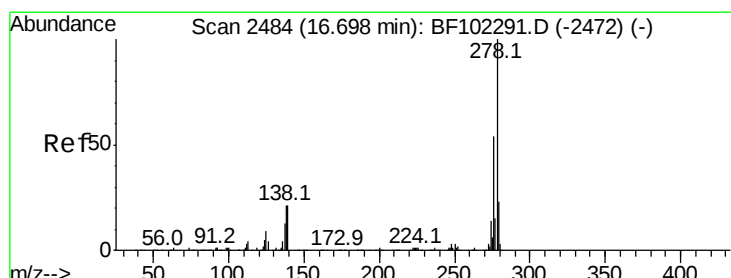
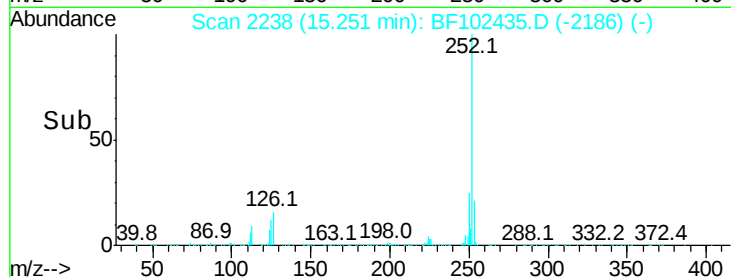
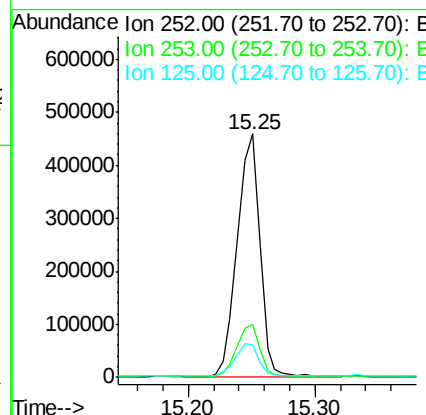
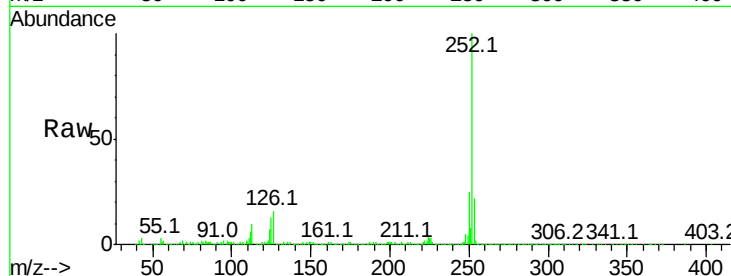
#89
Benzo(a)pyrene
Concen: 37.693 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	13.1	9.8	14.6

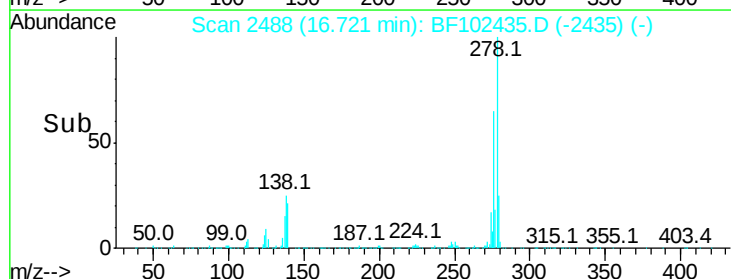
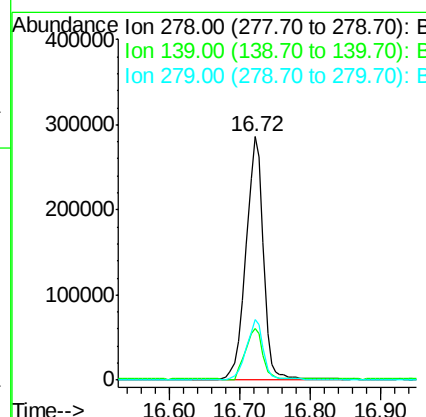
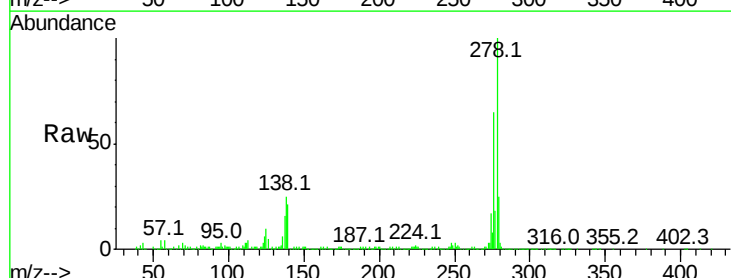
Manual Integrations
APPROVED

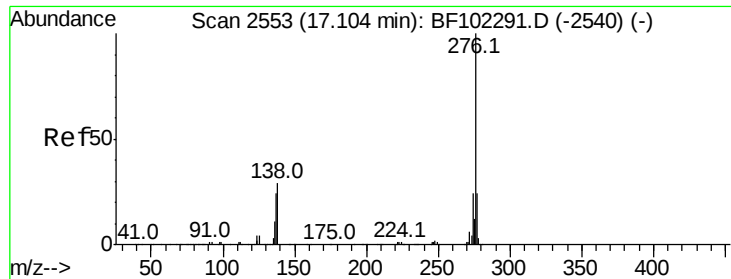
Sohil
1/26/2018 11:24:33 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.400 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF102435.D
Acq: 25 Jan 2018 20:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	24.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.672 ng
 RT: 17.13 min Scan# 2558
 Delta R.T. 0.02 min
 Lab File: BF102435.D
 Acq: 25 Jan 2018 20:38

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	27.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:33 AM

