

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110487.D
 Acq On : 6 Nov 2018 2:13
 Operator : JU/SJ
 Sample : PB114474BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BS

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:01:23 AM

Quant Time: Nov 06 05:15:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96363	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	376363	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164402	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	262007	20.00	ng	0.00
76) Chrysene-d12	14.14	240	169650	20.00	ng	0.00
87) Perylene-d12	15.66	264	131111	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	569345	96.21	ng	0.01
7) Phenol-d6	6.59	99	726389	95.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	668946	105.42	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	145462	89.32	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1173801	112.11	ng	0.00
79) Terphenyl-d14	13.07	244	876062	107.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	88820	28.649	ng	90
3) Pyridine	3.65	79	265803	38.492	ng	# 85
4) n-Nitrosodimethylamine	3.62	42	134183	46.381	ng	92
6) Aniline	6.62	93	188576	19.126	ng	# 55
8) 2-Chlorophenol	6.75	128	313749	45.989	ng	98
9) Benzaldehyde	6.51	77	190568	44.934	ng	96
10) Phenol	6.60	94	370305	45.770	ng	# 66
11) bis(2-Chloroethyl)ether	6.69	93	279626	42.009	ng	96
12) 1,3-Dichlorobenzene	6.90	146	321284	42.793	ng	97
13) 1,4-Dichlorobenzene	6.97	146	323991	42.668	ng	98
14) 1,2-Dichlorobenzene	7.13	146	301565	42.781	ng	99
15) Benzyl Alcohol	7.10	79	261185	44.867	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	455362	42.787	ng	71
17) 2-Methylphenol	7.20	107	249635	45.913	ng	# 83
18) Hexachloroethane	7.46	117	115196	41.437	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	208070	42.850	ng	95
20) 3+4-Methylphenols	7.36	107	313670	44.631	ng	# 87
22) Acetophenone	7.37	105	419888	48.418	ng	# 96
24) Nitrobenzene	7.55	77	315435	48.150	ng	90
25) Isophorone	7.77	82	576635	53.312	ng	98
26) 2-Nitrophenol	7.86	139	155222	49.791	ng	94
27) 2,4-Dimethylphenol	7.89	122	281064	54.379	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	363901	49.524	ng	99
29) 2,4-Dichlorophenol	8.10	162	252311	48.319	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	271597	46.435	ng	95
31) Naphthalene	8.26	128	871785	50.258	ng	100
32) Benzoic acid	8.02	122	117925	29.520	ng	89
33) 4-Chloroaniline	8.31	127	61460	7.873	ng	99
34) Hexachlorobutadiene	8.37	225	150320	46.287	ng	98
35) Caprolactam	8.69	113	74457m	40.910	ng	
36) 4-Chloro-3-methylphenol	8.79	107	268578	47.565	ng	97
37) 2-Methylnaphthalene	8.95	142	594978	51.842	ng	99
38) 1-Methylnaphthalene	9.05	142	552533	49.819	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	250407	48.885	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	133965	51.146	nq	100
43) 2,4,6-Trichlorophenol	9.23	196	161177	48.784	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	169877	48.643	nq	97
46) 1,1'-Biphenyl	9.42	154	714270	48.045	nq	99
47) 2-Chloronaphthalene	9.45	162	529197	48.527	nq	99
48) 2-Nitroaniline	9.55	65	163998	49.627	nq	94
49) Acenaphthylene	9.86	152	796779	50.586	nq	98
50) Dimethylphthalate	9.71	163	624759	51.481	nq	99
51) 2,6-Dinitrotoluene	9.79	165	131794	50.417	nq	91
52) Acenaphthene	10.03	154	483459	46.397	nq	98
53) 3-Nitroaniline	9.96	138	64168	20.642	nq	86
54) 2,4-Dinitrophenol	10.07	184	35210	36.918	nq	93
55) Dibenzofuran	10.20	168	691411	47.393	nq	99
56) 4-Nitrophenol	10.13	139	244876	106.432	nq	89
57) 2,4-Dinitrotoluene	10.19	165	164105	49.424	nq	93
58) Fluorene	10.55	166	538111	49.560	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	130403	45.811	nq	96
60) Diethylphthalate	10.41	149	585929	49.460	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	264180	46.122	nq	97
62) 4-Nitroaniline	10.57	138	112390	36.350	nq	93
63) Azobenzene	10.70	77	548779	46.669	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	28636	23.922	nq	97
66) n-Nitrosodiphenylamine	10.66	169	472860	55.023	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	150853	53.080	nq	94
68) Hexachlorobenzene	11.10	284	147929	49.057	nq	# 92
69) Atrazine	11.18	200	149082	54.894	nq	99
70) Pentachlorophenol	11.29	266	118636	67.470	nq	96
71) Phenanthrene	11.52	178	700967	51.130	nq	99
72) Anthracene	11.57	178	720454	52.429	nq	98
73) Carbazole	11.72	167	610569	45.507	nq	99
74) Di-n-butylphthalate	12.03	149	822999	54.312	nq	99
75) Fluoranthene	12.70	202	621916	44.699	nq	99
77) Benzidine	12.83	184	281467	Below	Cal	96
78) Pyrene	12.94	202	603042	49.582	nq	99
80) Butylbenzylphthalate	13.53	149	283365	53.678	nq	99
81) Benzo(a)anthracene	14.13	228	517145	51.403	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	125982	35.961	nq	99
83) Chrysene	14.16	228	489593	51.236	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	381842	53.508	nq	96
85) Di-n-octyl phthalate	14.70	149	627979	56.594	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	346127	43.663	nq	97
88) Benzo(b)fluoranthene	15.20	252	426777	56.369	nq	99
89) Benzo(k)fluoranthene	15.24	252	393640	52.886	nq	98
90) Benzo(a)pyrene	15.60	252	373250	53.576	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	293842	48.882	nq	99
92) Benzo(g,h,i)perylene	17.70	276	278001	46.931	nq	98

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

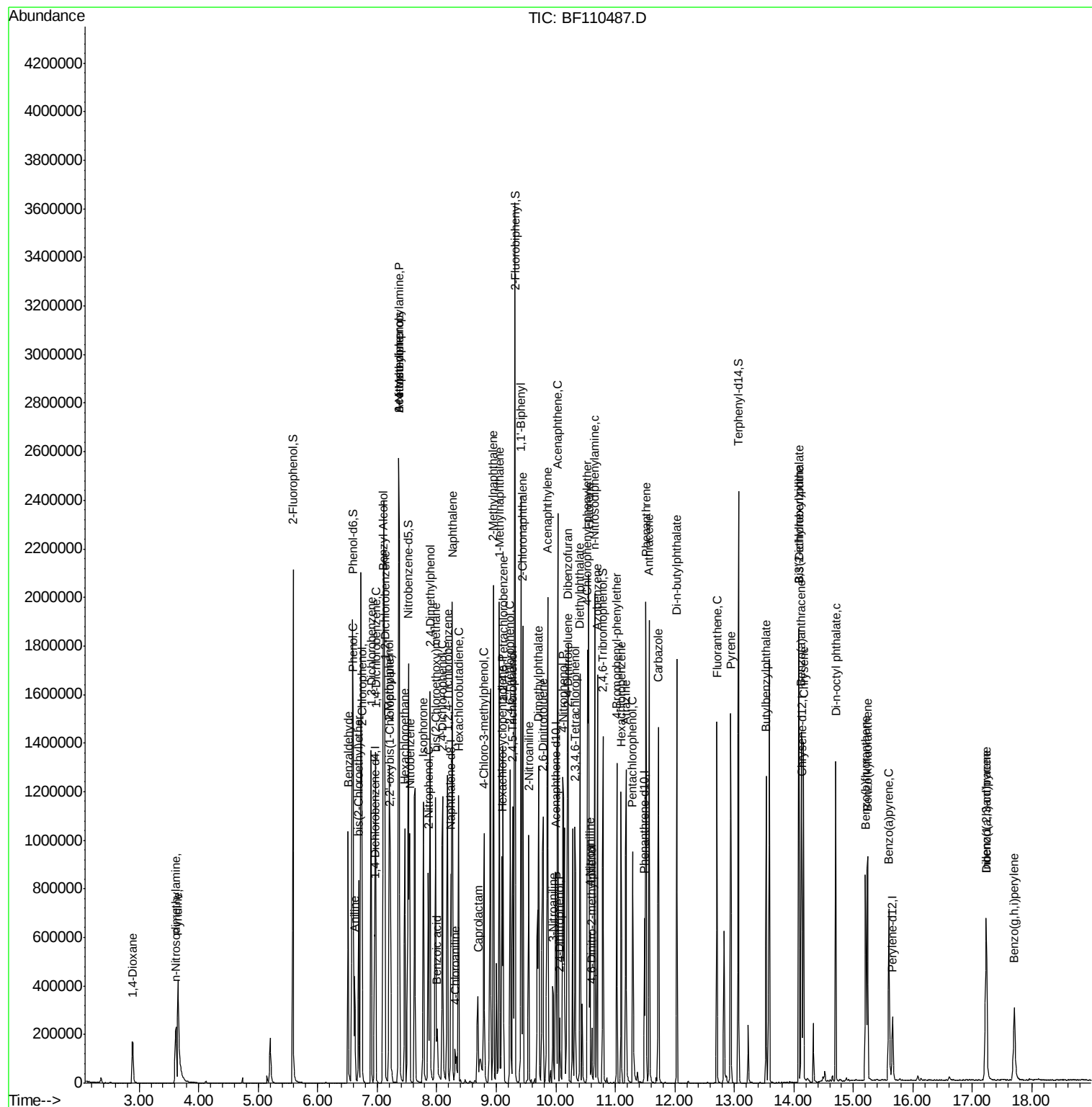
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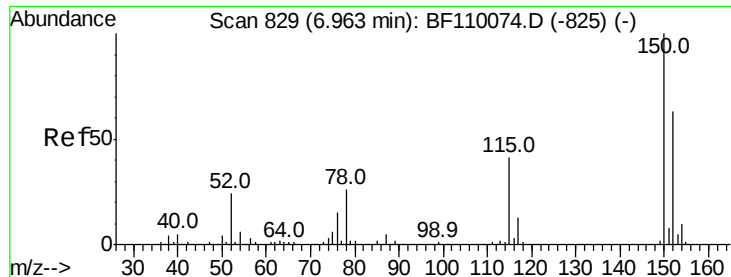
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

ClientSampleId :

PB114474BS

Tot Ion:152 Resp: 96363

Ion Ratio Lower Upper

152 100

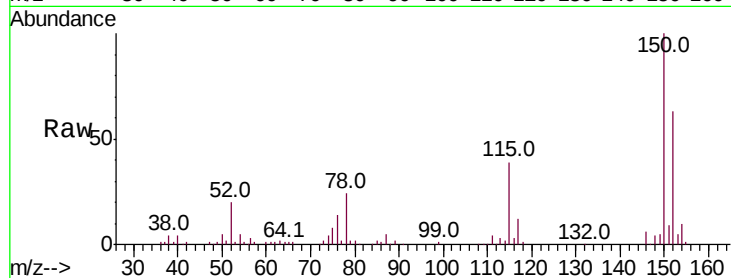
150 157.7 122.7 184.1

115 61.6 49.1 73.7

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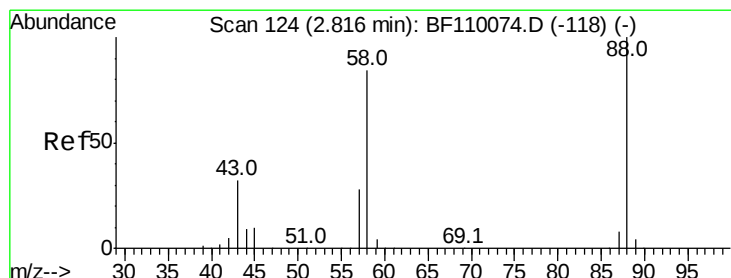
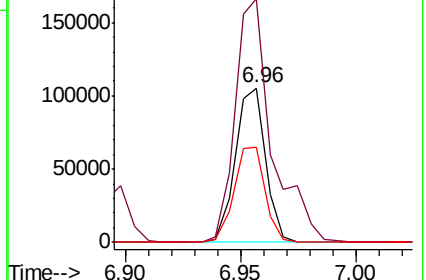
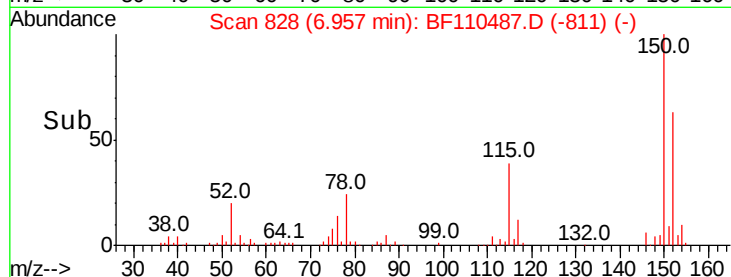


Abundance

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: 28.649 ng

RT: 2.89 min Scan# 137

Delta R.T. 0.09 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

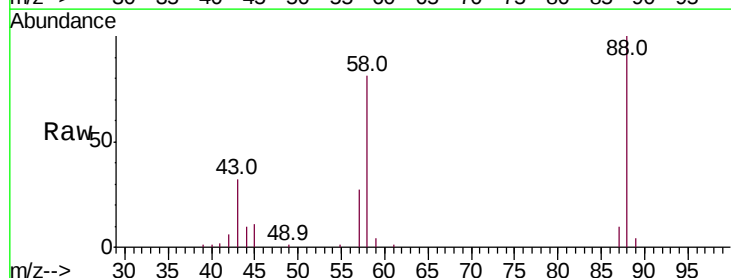
Tgt Ion: 88 Resp: 88820

Ion Ratio Lower Upper

88 100

58 82.4 57.1 85.7

43 32.0 24.1 36.1

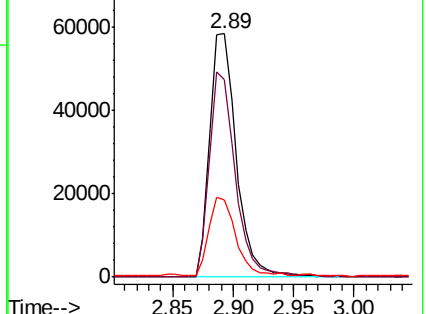
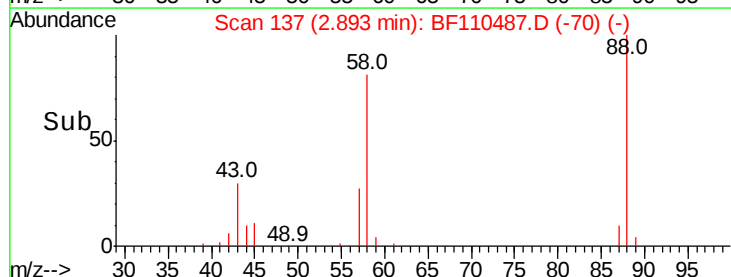


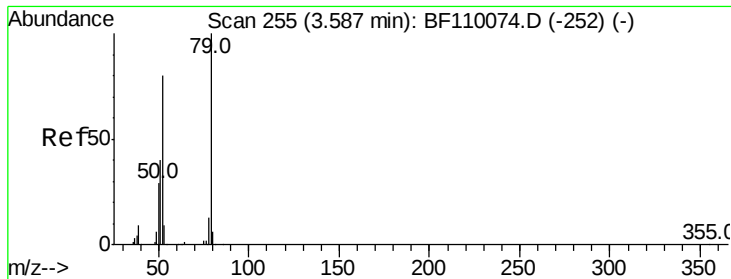
Abundance

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





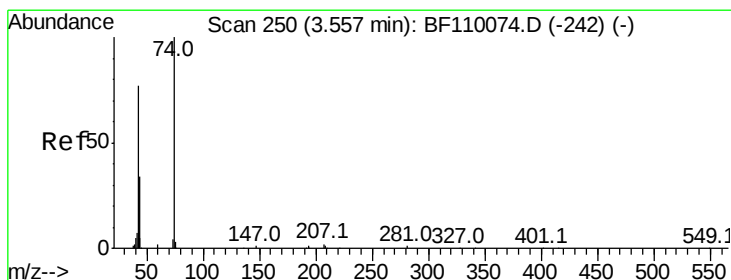
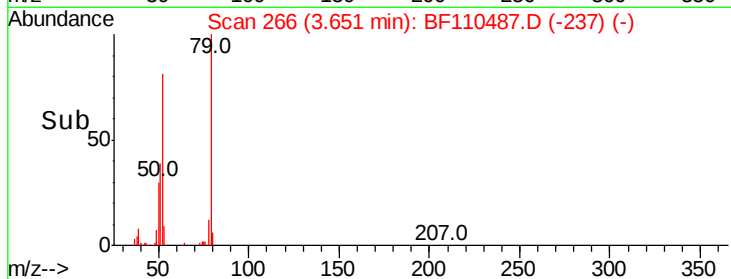
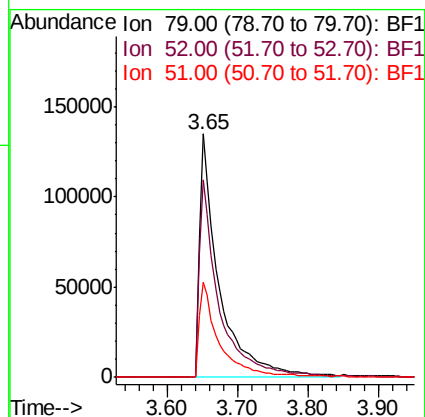
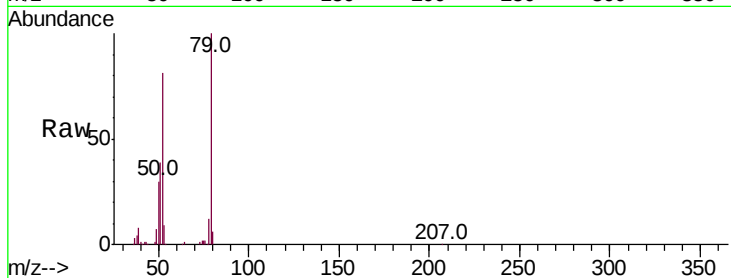
#3
 Pvridine
 Concen: 38.492 ng
 RT: 3.65 min Scan# 266
 Delta R.T. 0.07 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
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 PB114474BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.2	53.1	79.7#
51	39.3	27.4	41.2

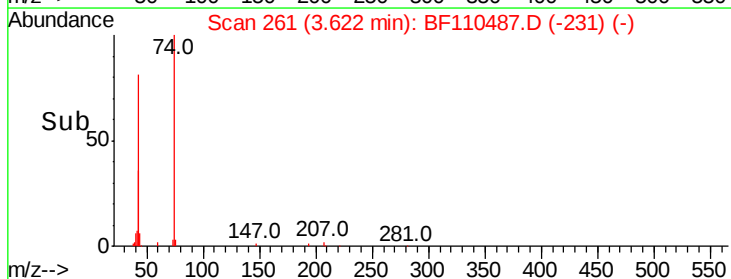
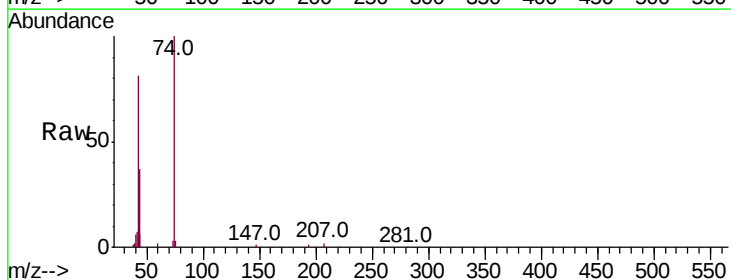
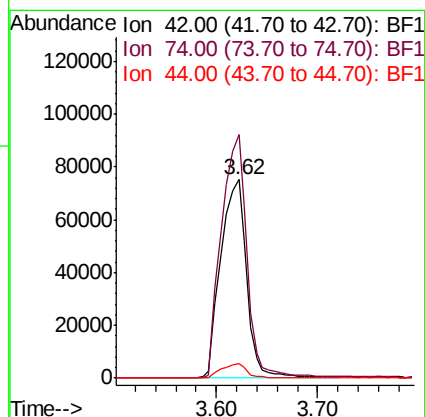
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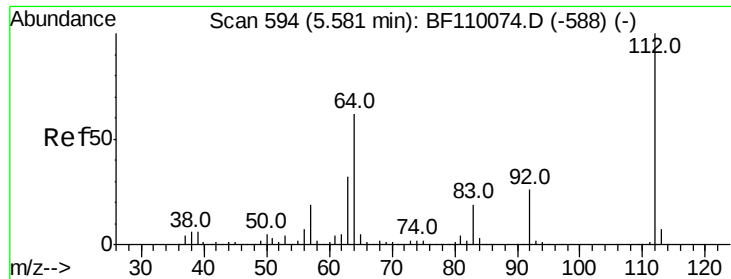
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#4
 n-Nitrosodimethylamine
 Concen: 46.381 ng
 RT: 3.62 min Scan# 261
 Delta R.T. 0.08 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.7	105.5	158.3
44	7.2	4.9	7.3





#5

2-Fluorophenol

Concen: 96.214 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

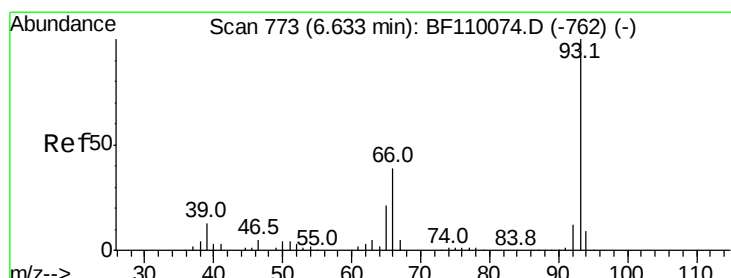
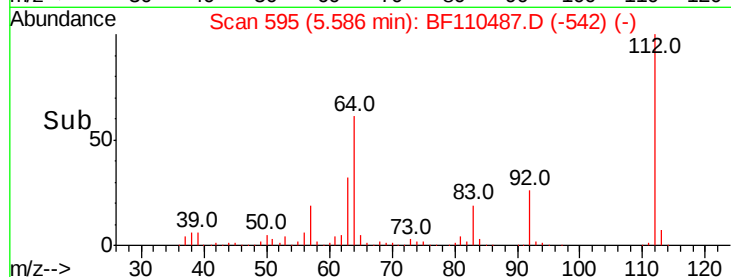
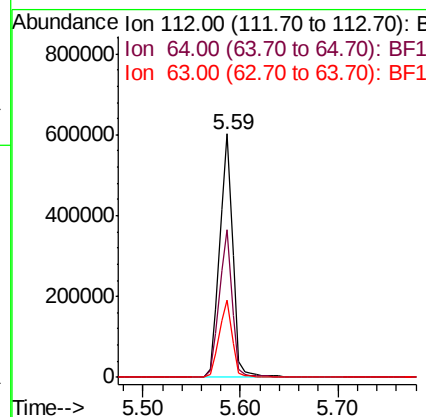
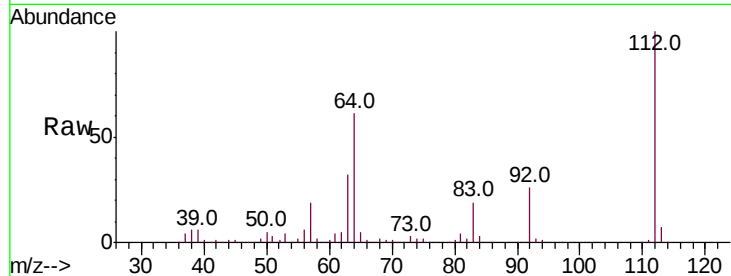
ClientSampleId :

PB114474BS

Tot Ion:	112	Resp:	569345
Ion Ratio	Lower	Upper	
112	100		
64	60.8	44.1	66.1
63	31.6	23.7	35.5

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#6

Aniline

Concen: 19.126 ng

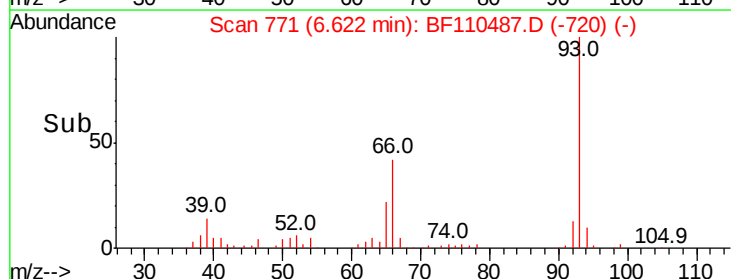
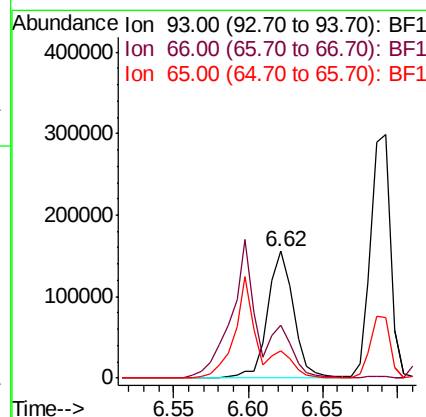
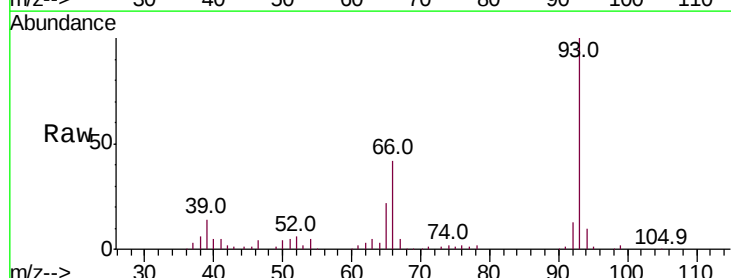
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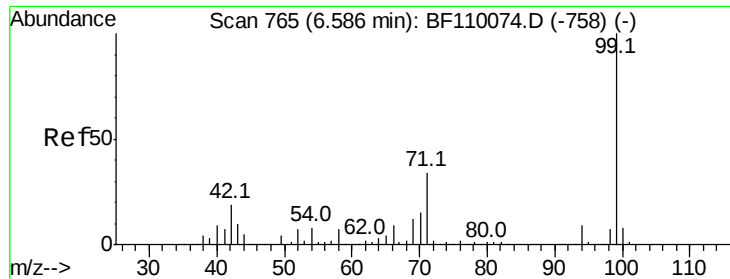
Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	93	Resp:	188576
Ion Ratio	Lower	Upper	
93	100		
66	42.1	67.4	101.0#
65	21.6	41.0	61.4#





#7

Phenol-d6

Concen: 95.970 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

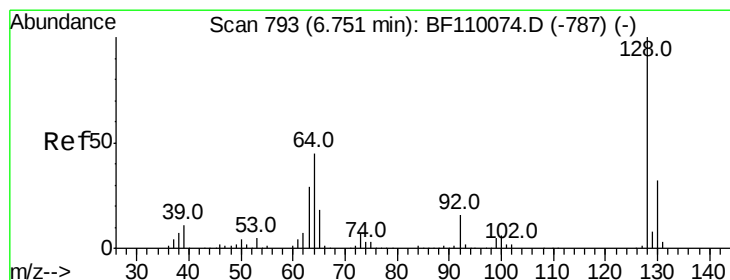
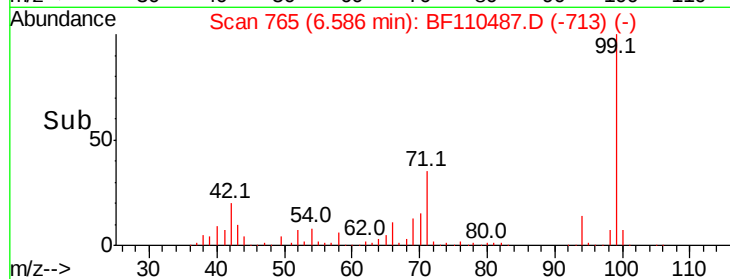
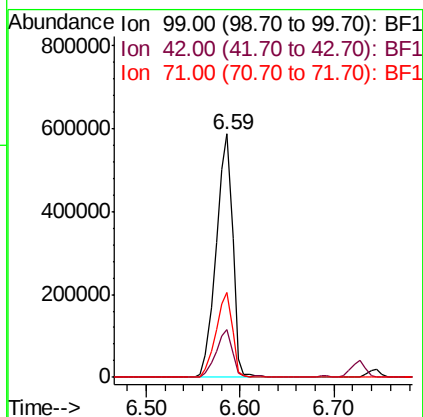
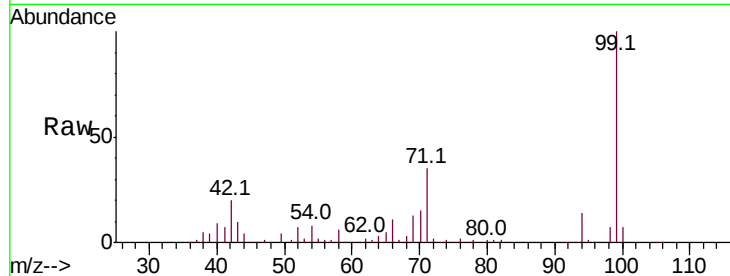
ClientSampleId :

PB114474BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		726389		
42	19.7	15.8	23.6		
71	34.7	28.0	42.0		

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#8

2-Chlorophenol

Concen: 45.989 ng

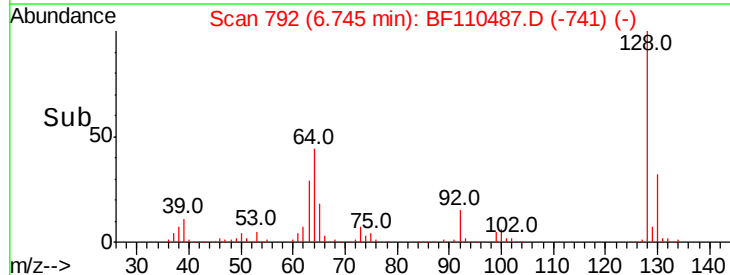
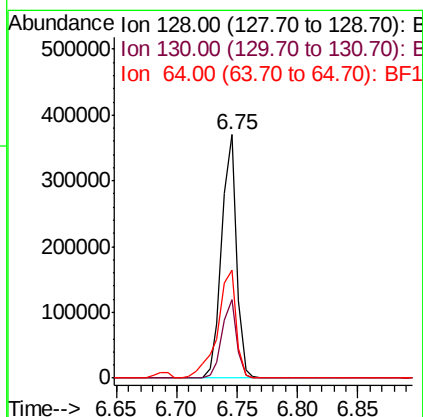
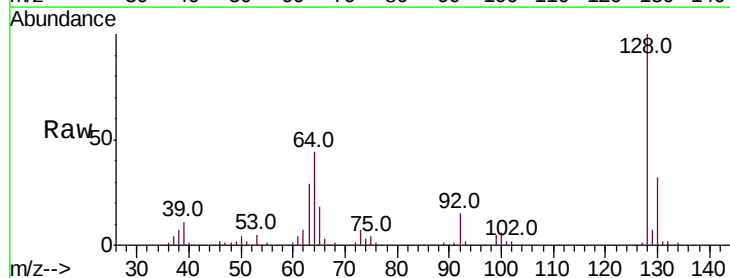
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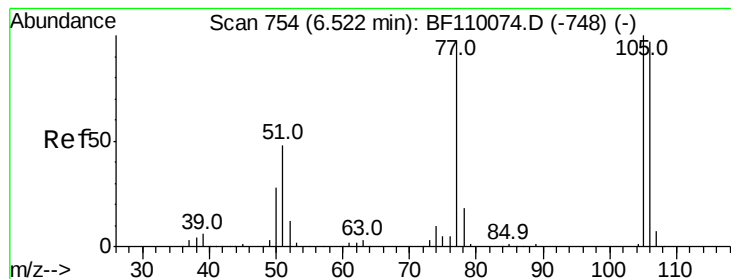
Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		313749		
130	32.4	13.1	53.1		
64	44.4	26.0	66.0		





#9

Benzaldehyde

Concen: 44.934 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

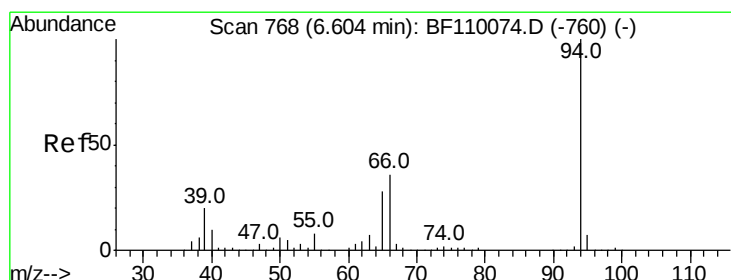
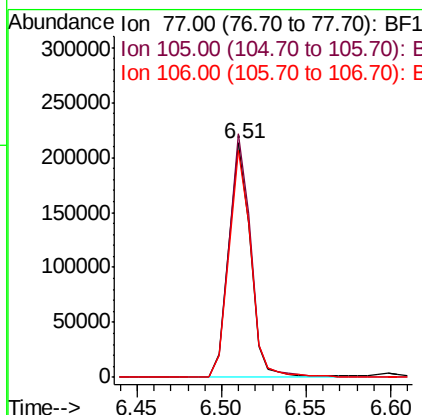
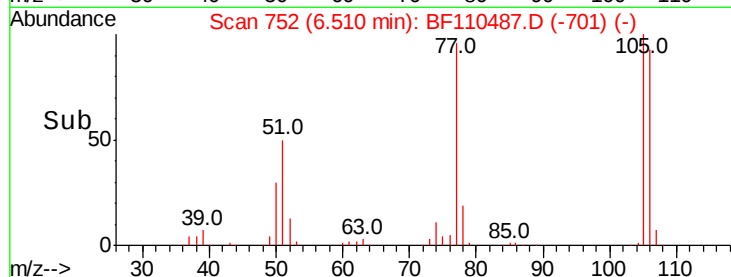
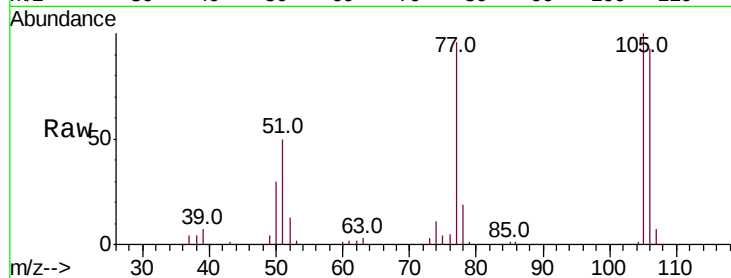
ClientSampleId :

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Tot Ion:	77	Resp:	190568
Ion Ratio	Lower	Upper	
77	100		
105	104.0	78.6	118.6
106	97.1	74.8	114.8

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#10

Phenol

Concen: 45.770 ng

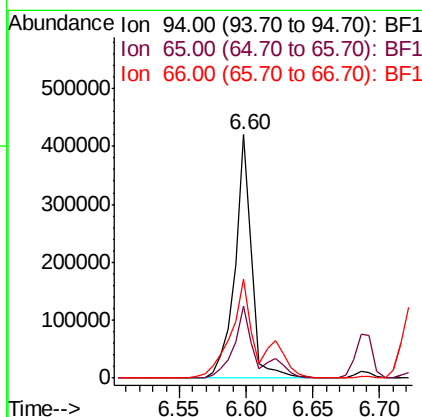
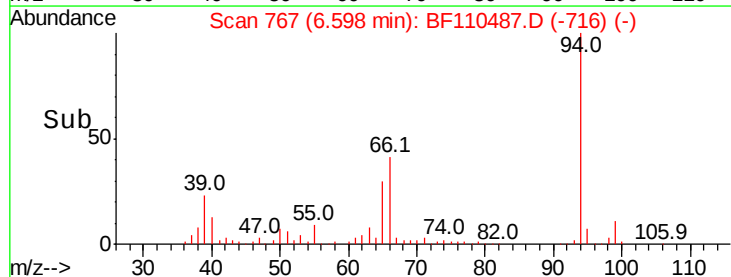
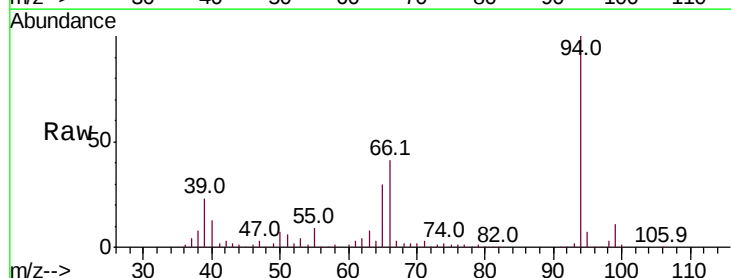
RT: 6.60 min Scan# 767

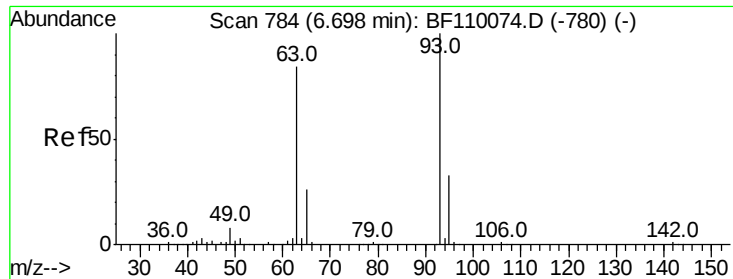
Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	94	Resp:	370305
Ion Ratio	Lower	Upper	
94	100		
65	29.7	25.3	65.3
66	40.6	54.5	94.5#





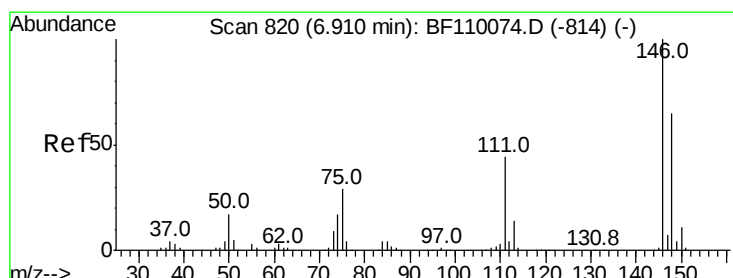
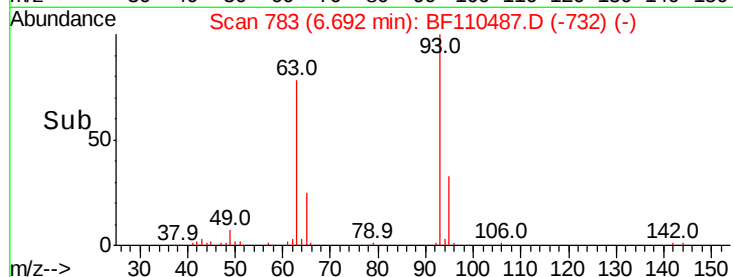
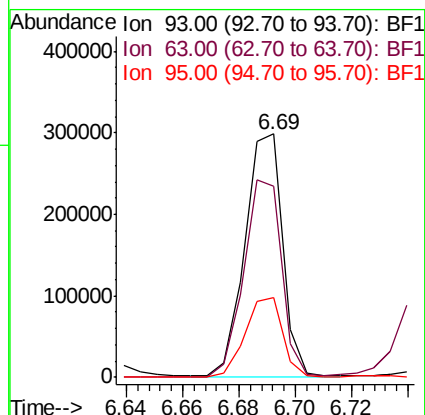
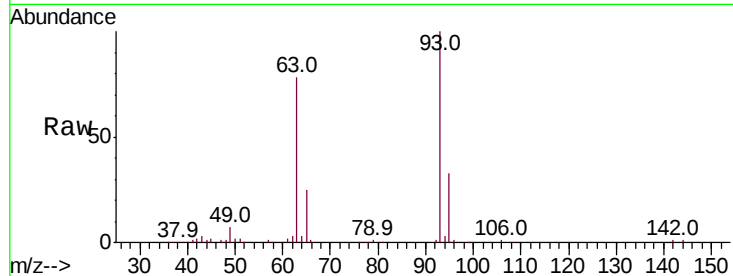
#11
bis(2-Chloroethyl)ether
Concen: 42.009 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion:	93	Resp:	279626
Ion Ratio	Lower	Upper	
93	100		
63	78.3	53.4	93.4
95	32.8	12.1	52.1

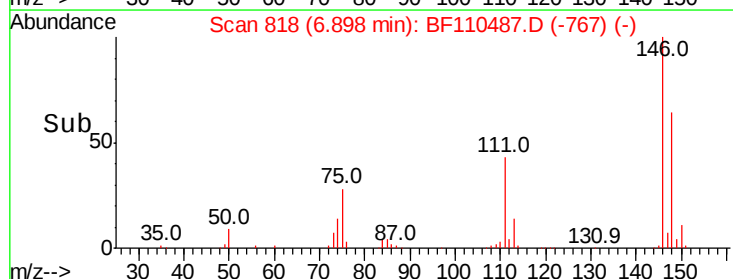
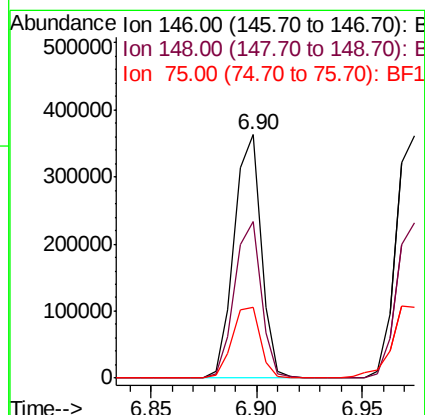
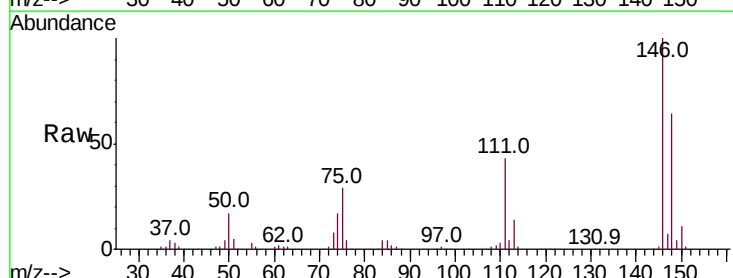
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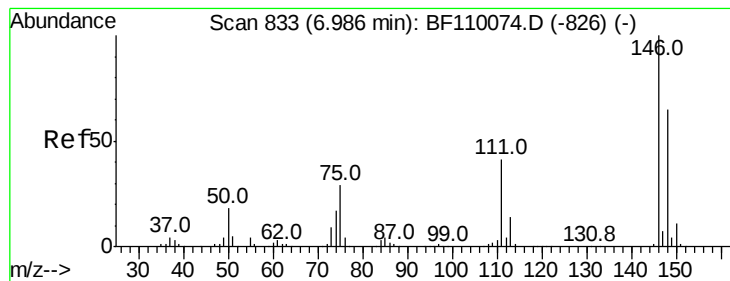
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#12
1,3-Dichlorobenzene
Concen: 42.793 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion:	146	Resp:	321284
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
75	29.1	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 42.668 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

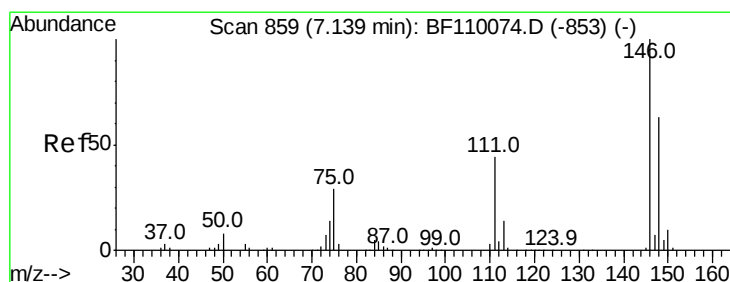
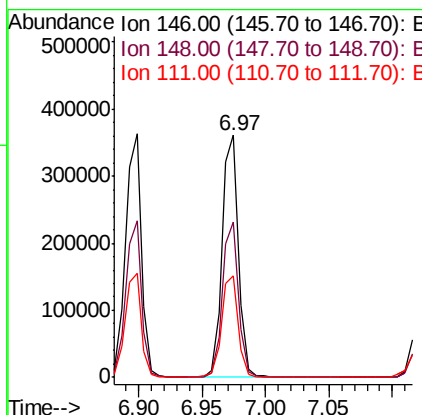
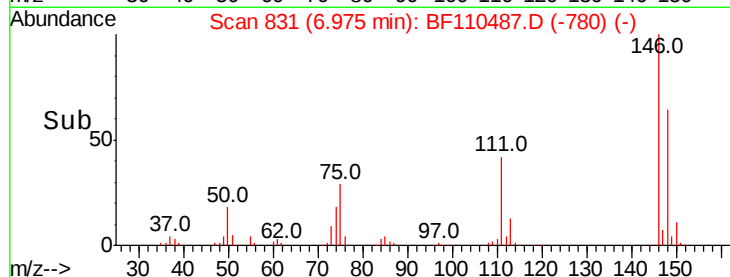
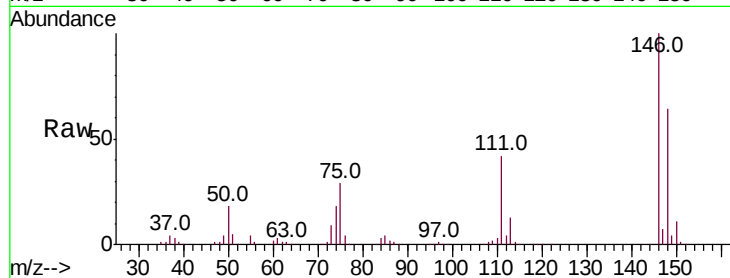
ClientSampled :

PB114474BS

Tot Ion:	146	Resp:	323991
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.3	75.5
111	42.0	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 42.781 ng

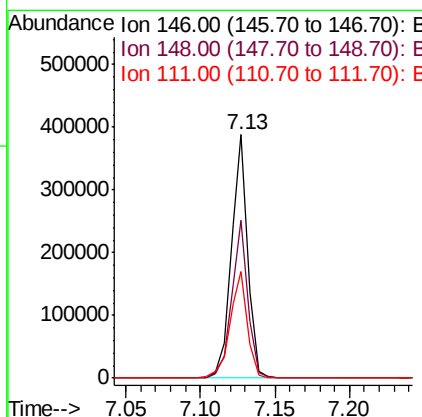
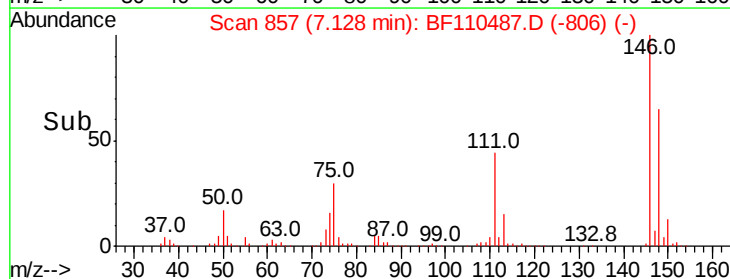
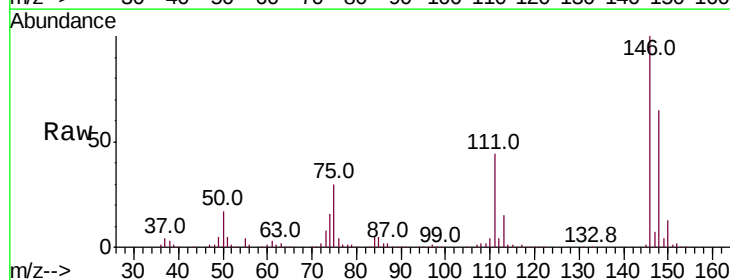
RT: 7.13 min Scan# 857

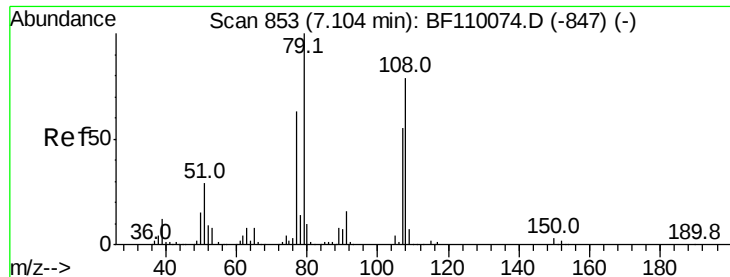
Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	146	Resp:	301565
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	43.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.867 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

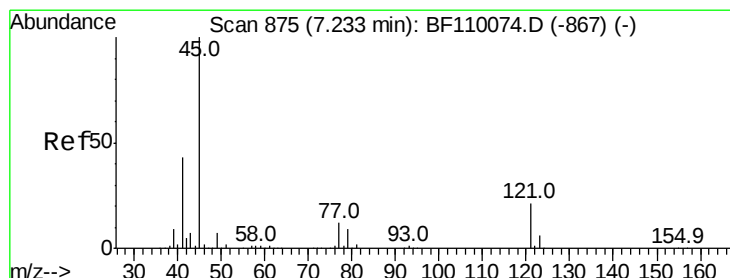
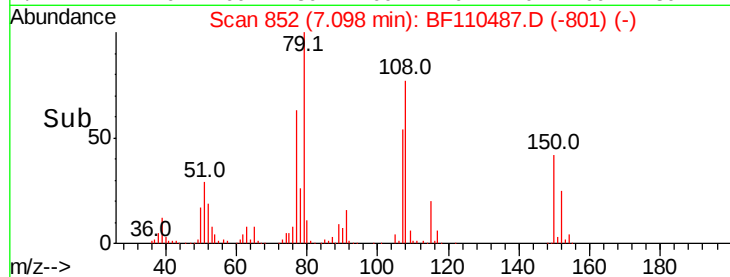
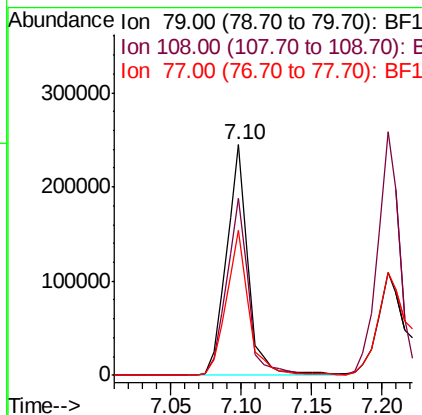
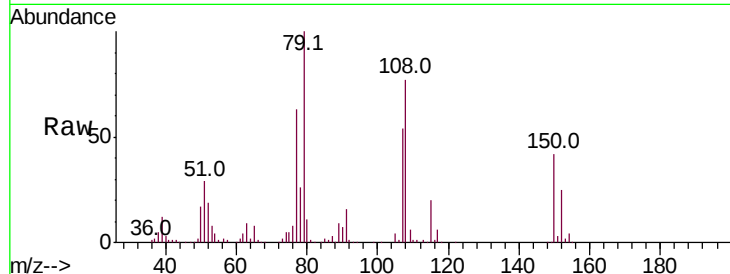
ClientSampleId :

PB114474BS

Tot Ion:	79	Resp:	261185
Ion Ratio	Lower	Upper	
79	100		
108	76.7	56.3	84.5
77	62.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.787 ng

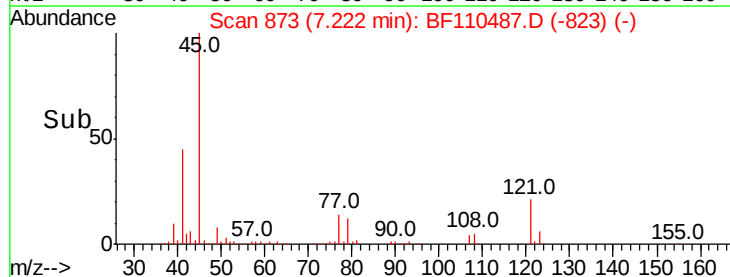
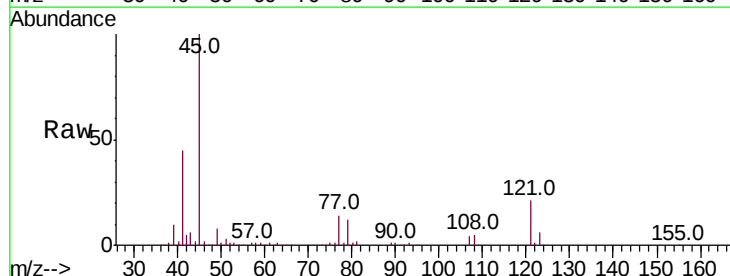
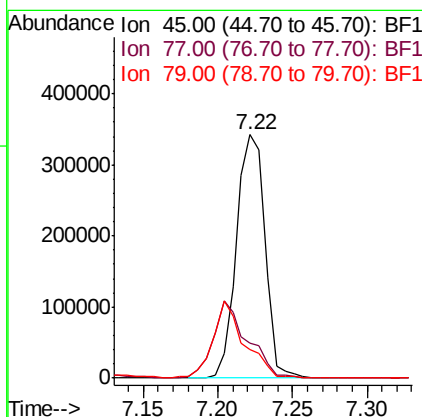
RT: 7.22 min Scan# 873

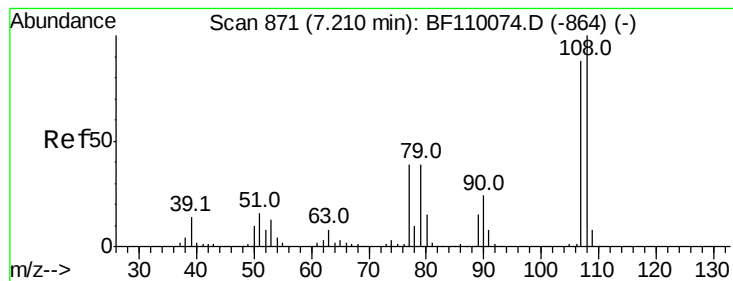
Delta R.T. -0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	45	Resp:	455362
Ion Ratio	Lower	Upper	
45	100		
77	14.3	10.0	50.0
79	11.8	6.1	46.1





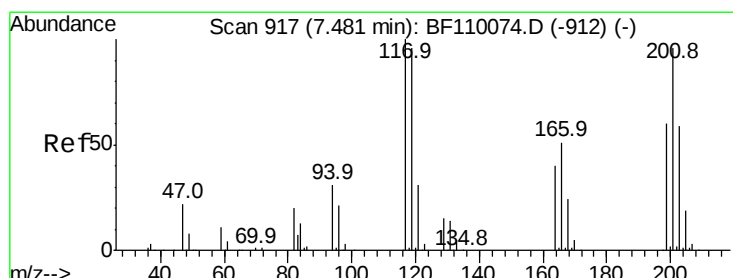
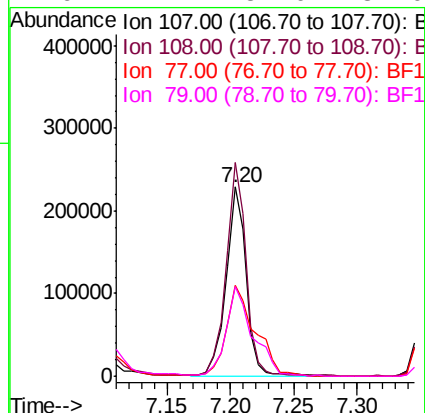
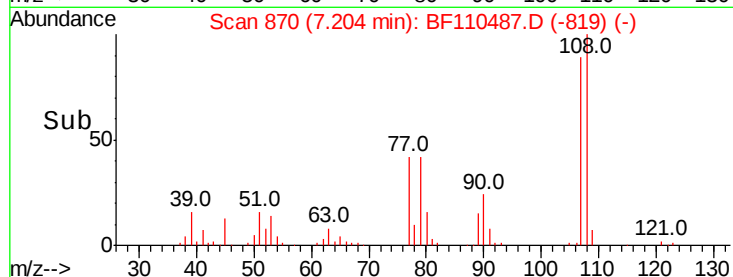
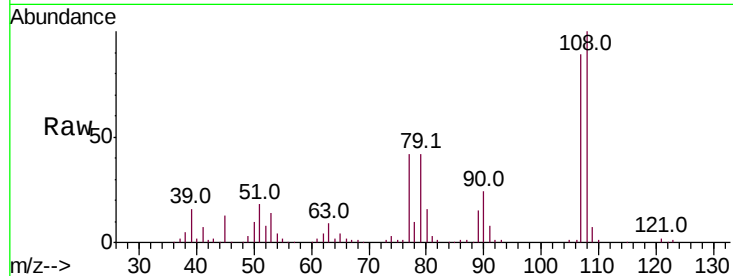
#17
2-Methylphenol
Concen: 45.913 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	112.8	92.6	138.8
77	47.7	59.4	89.2#
79	47.4	54.0	81.0#

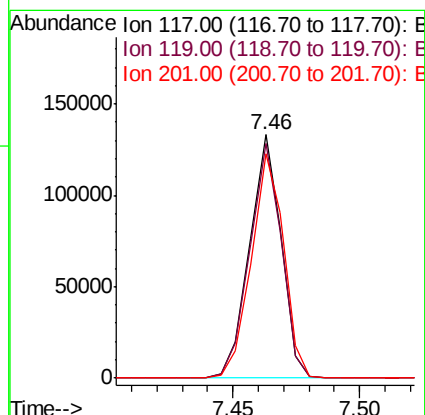
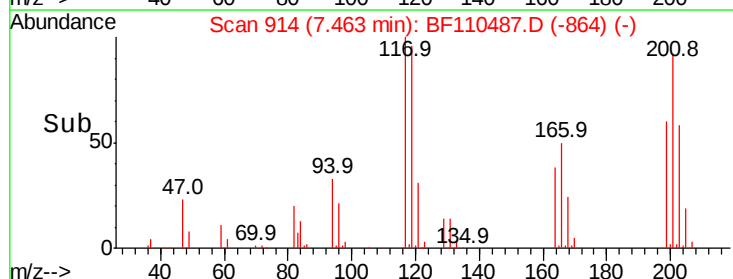
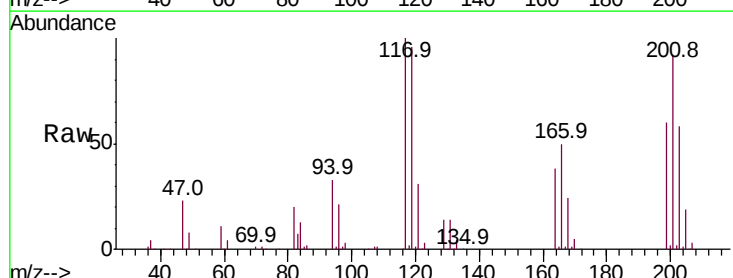
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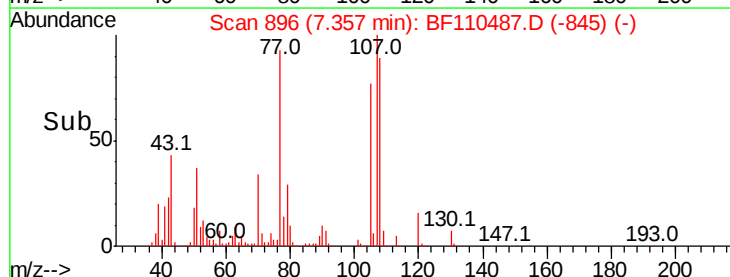
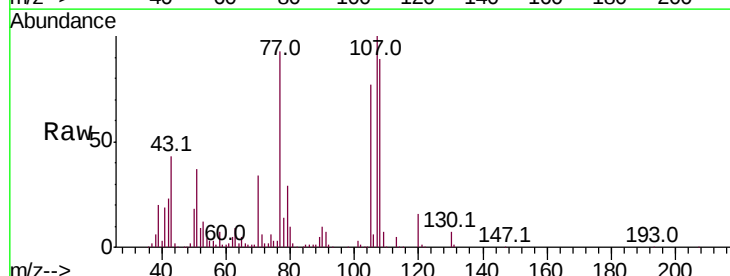
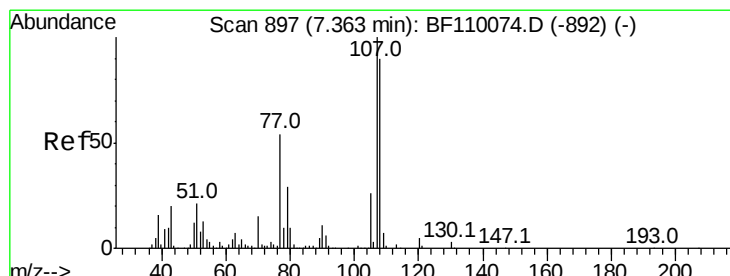
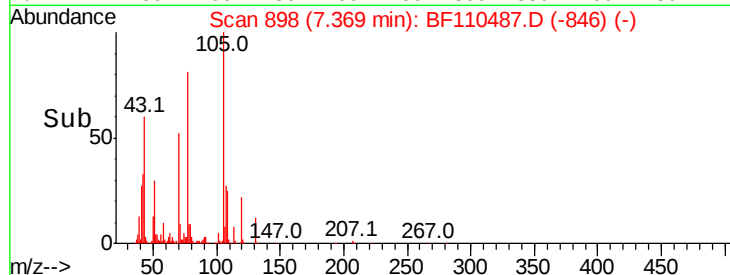
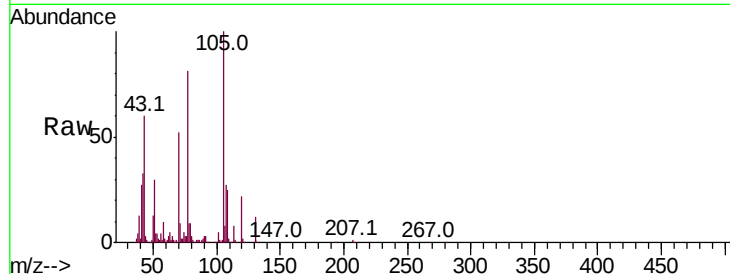
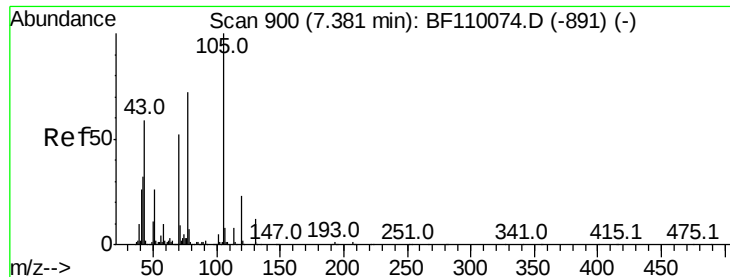
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#18
Hexachloroethane
Concen: 41.437 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.2	75.0	112.6
201	92.1	79.2	118.8





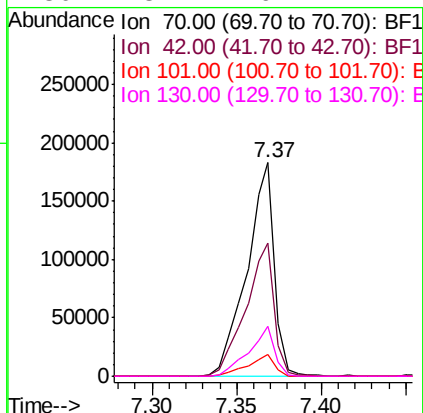
#19
n-Nitroso-di-n-propylamine
Concen: 42.850 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampled :
PB114474BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.4	71.2
101	10.3	7.3	10.9
130	23.4	16.2	24.2

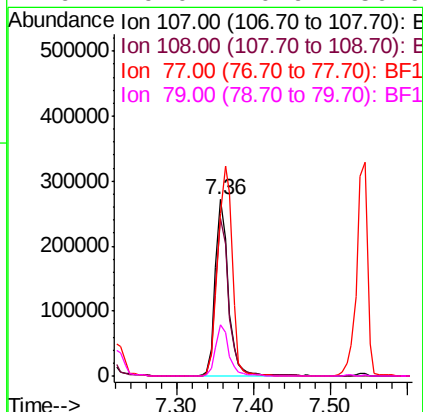
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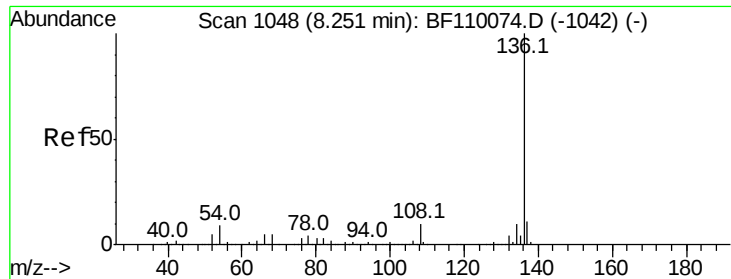
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#20
3+4-Methylphenols
Concen: 44.631 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	92.6	47.3	87.3#
79	29.0	10.9	50.9





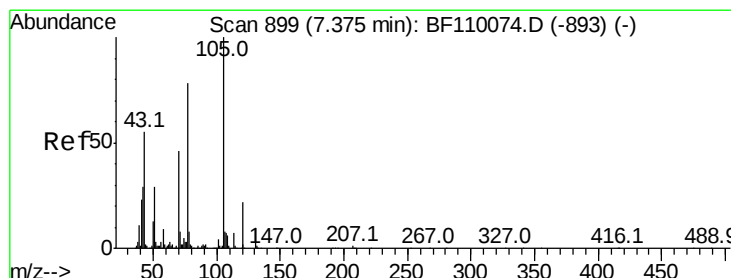
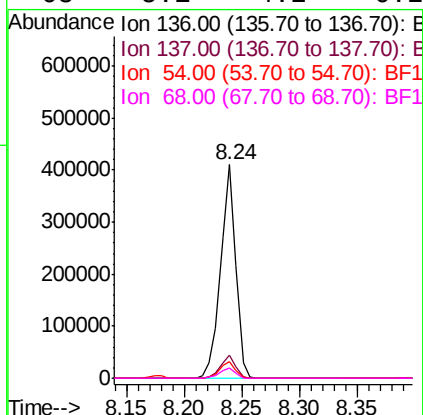
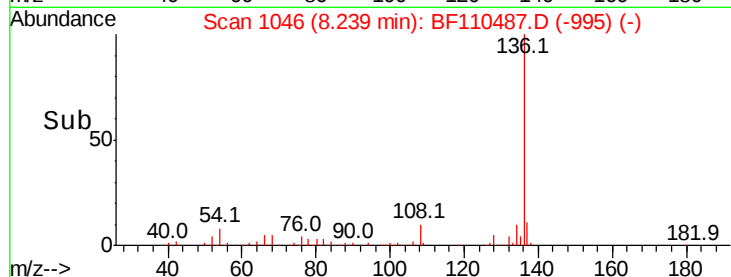
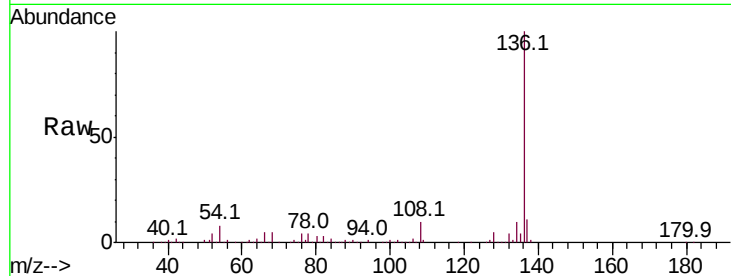
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.8	13.2		
54	7.6	5.4	8.2		
68	5.1	4.2	6.2		

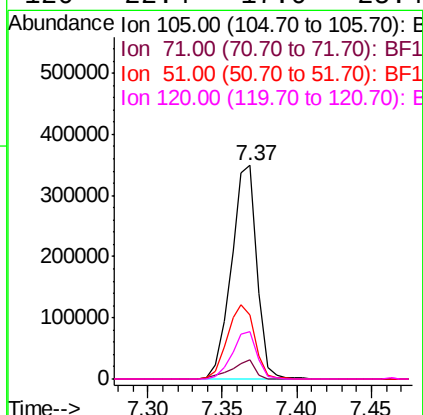
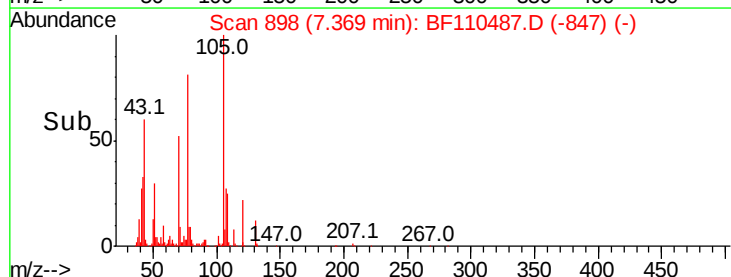
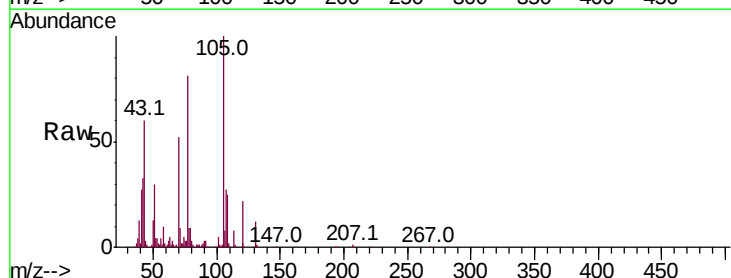
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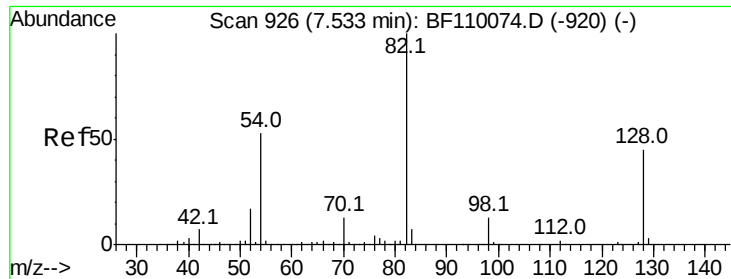
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#22
Acetophenone
Concen: 48.418 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.9	5.2	7.8#		
51	29.7	21.8	32.8		
120	22.4	17.0	25.4		





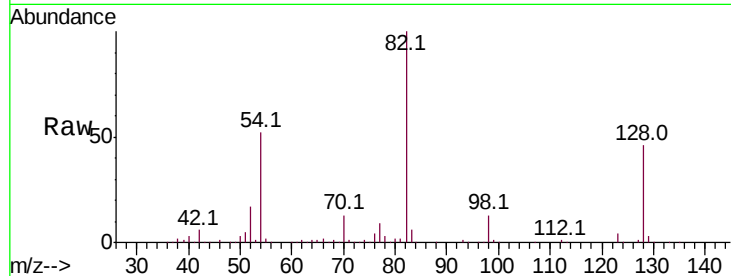
#23
 Nitrobenzene-d5
 Concen: 105.423 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BS

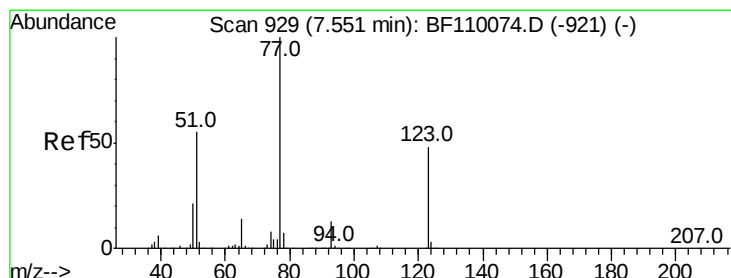
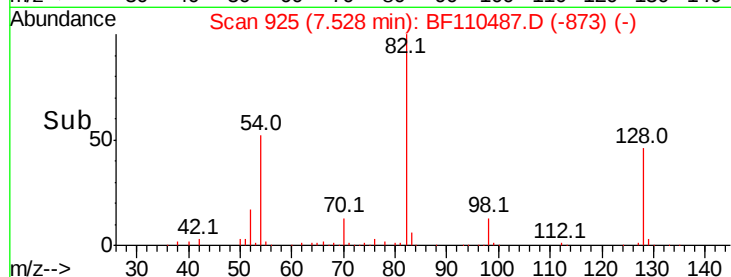
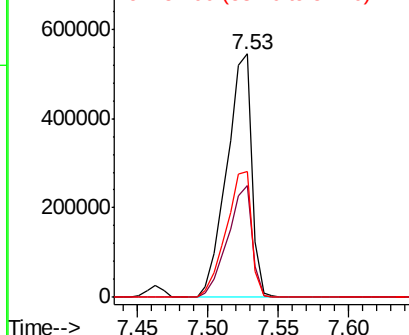
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.2	51.2	
54	51.7	38.6	58.0	

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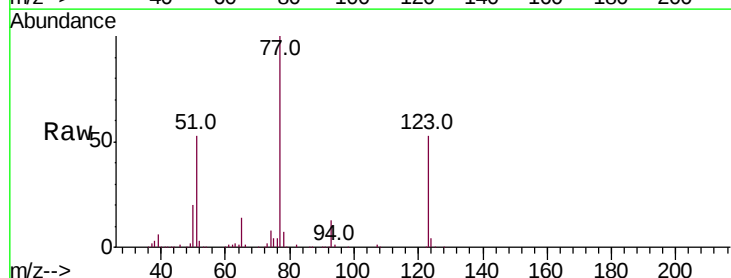


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

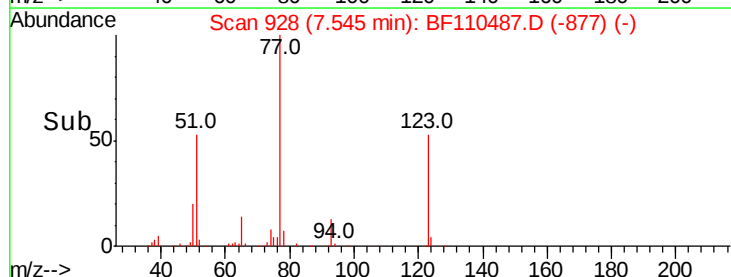
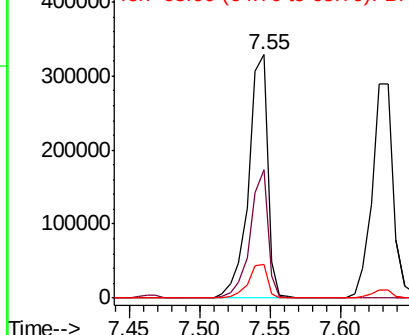


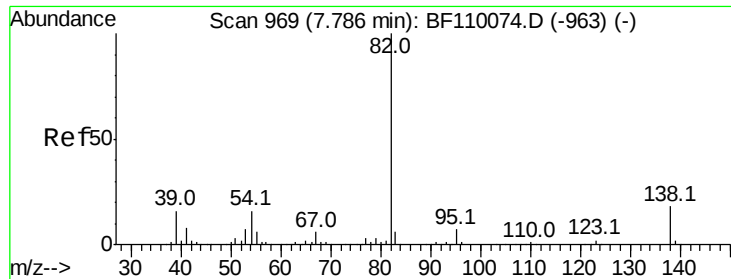
#24
 Nitrobenzene
 Concen: 48.150 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.7	35.7	53.5	
65	14.0	10.7	16.1	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 53.312 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

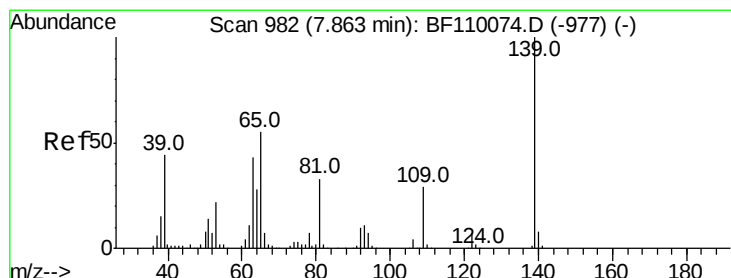
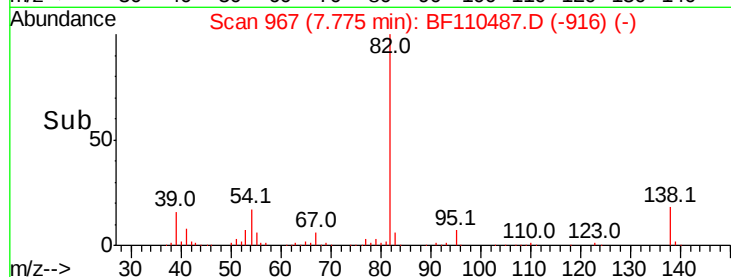
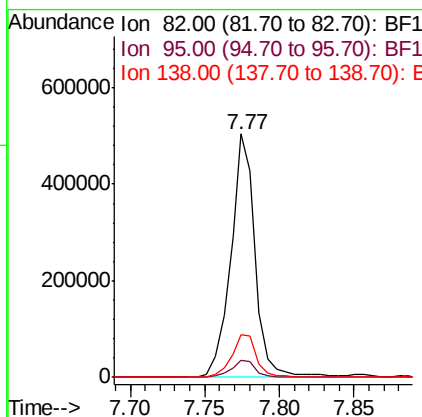
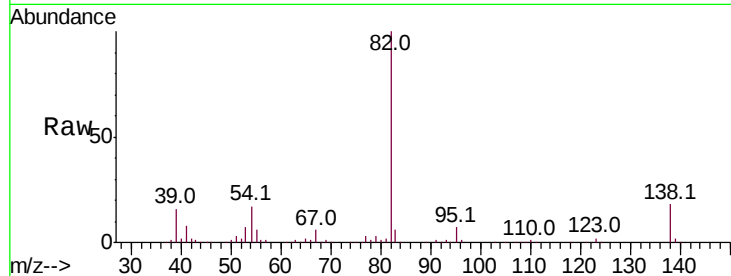
ClientSampleId :

PB114474BS

Tot Ion:	82	Resp:	576635
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	17.6	13.2	19.8

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#26

2-Nitrophenol

Concen: 49.791 ng

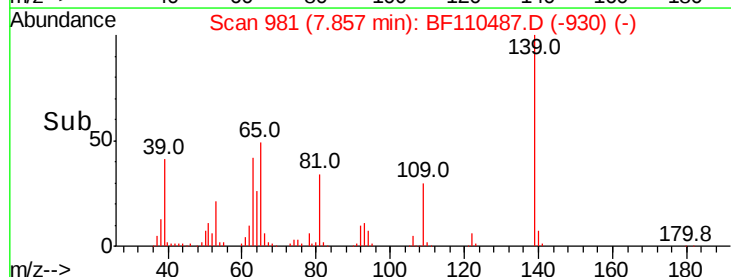
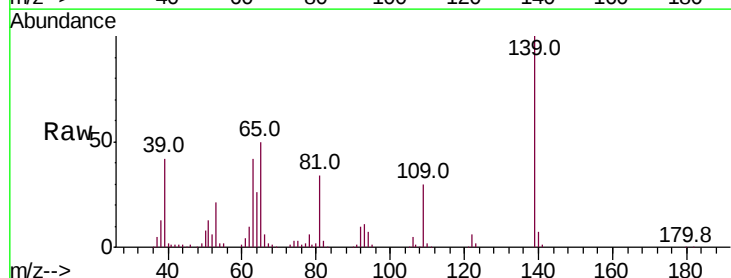
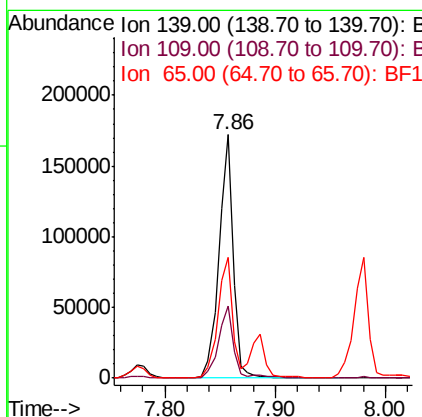
RT: 7.86 min Scan# 981

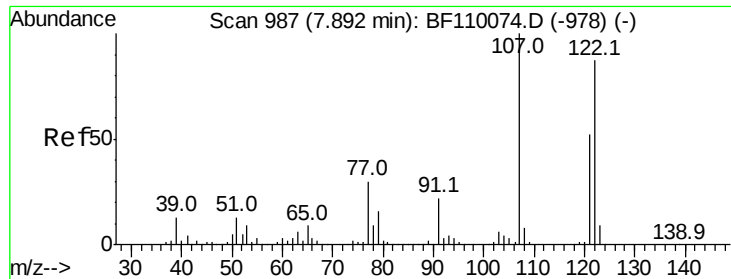
Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	139	Resp:	155222
Ion Ratio	Lower	Upper	
139	100		
109	29.8	25.0	37.6
65	49.8	44.0	66.0





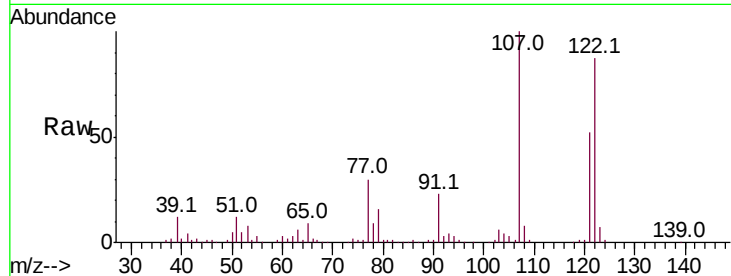
#27
2,4-Dimethylphenol
Concen: 54.379 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	92.5	138.7
121	59.9	45.8	68.8

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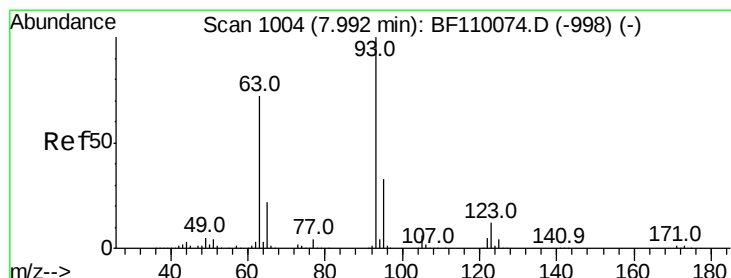
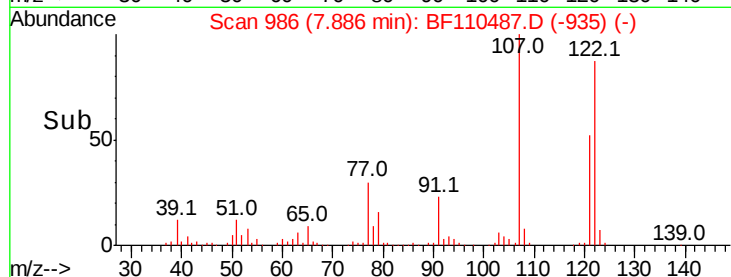
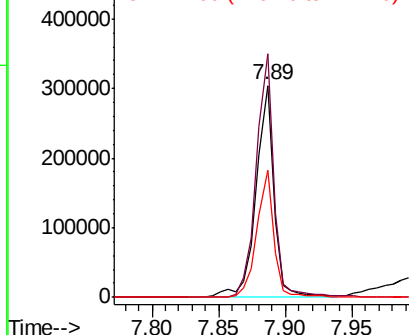


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 49.524 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

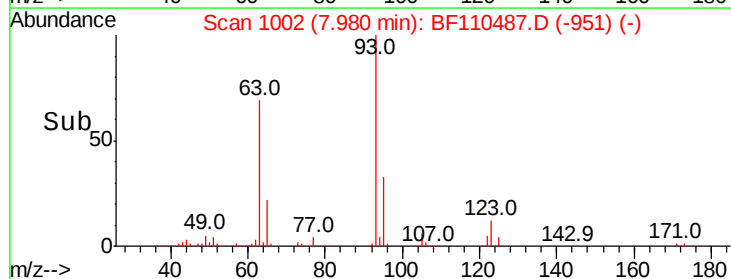
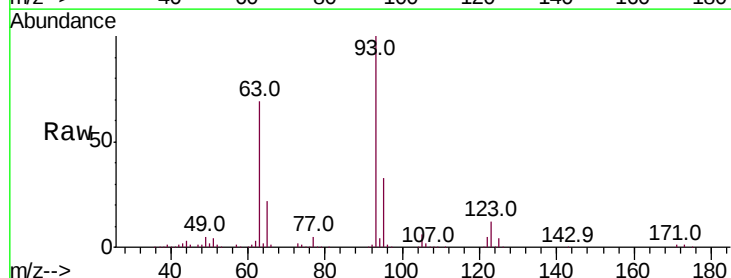
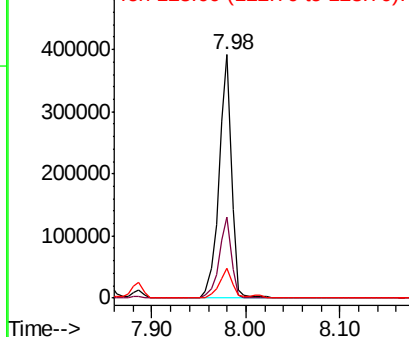
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.1	9.0	13.6

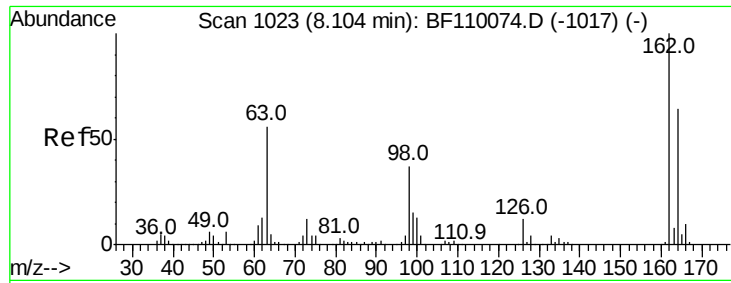
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





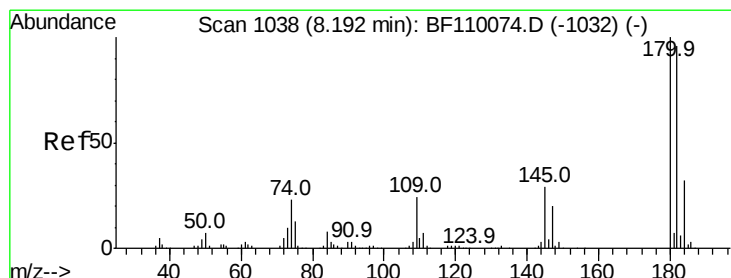
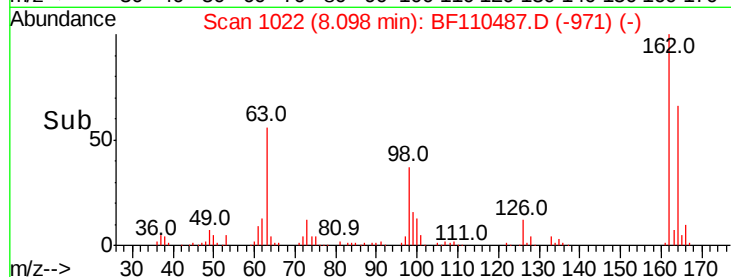
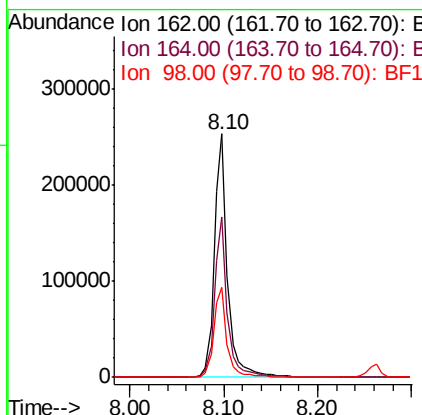
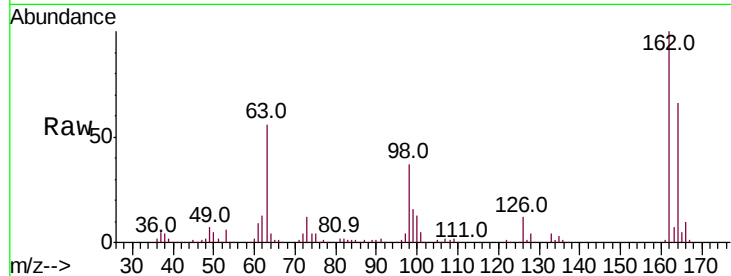
#29
2,4-Dichlorophenol
Concen: 48.319 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	44.6	84.6
98	37.1	17.4	57.4

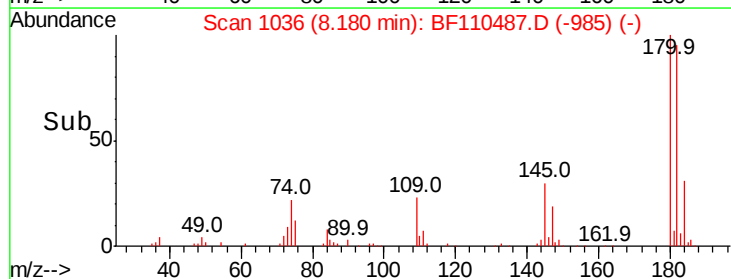
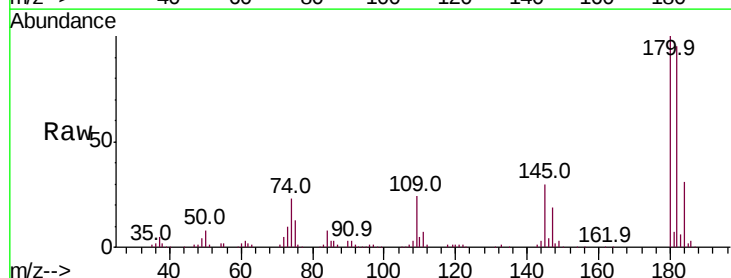
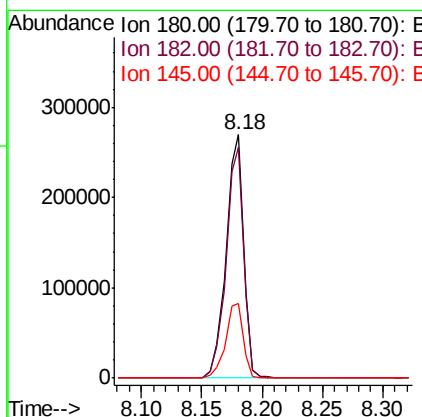
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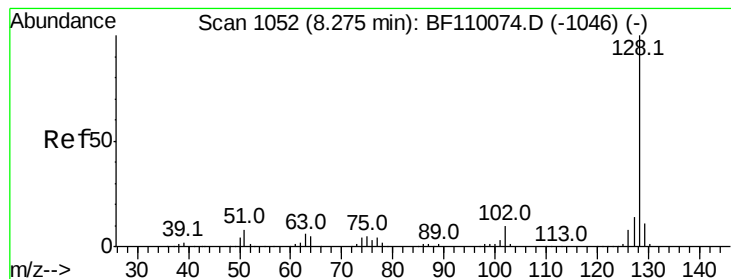
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#30
1,2,4-Trichlorobenzene
Concen: 46.435 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	80.3	120.5
145	30.4	25.4	38.0





#31

Naphthalene

Concen: 50.258 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

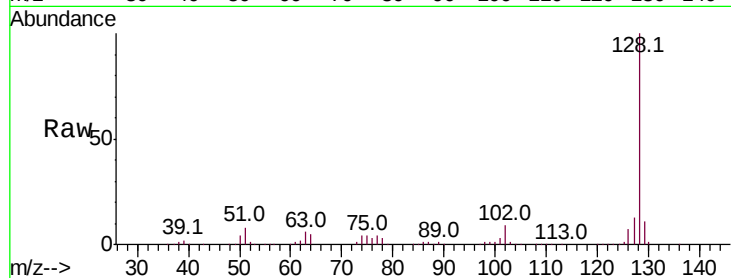
ClientSampleId :

PB114474BS

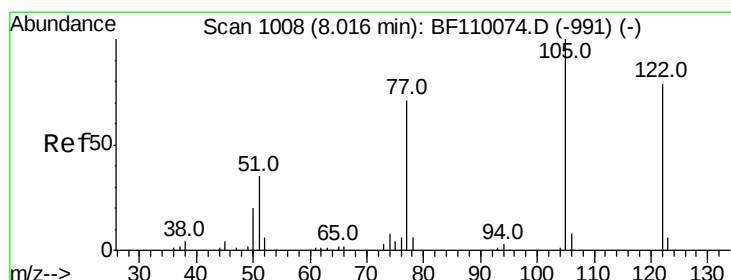
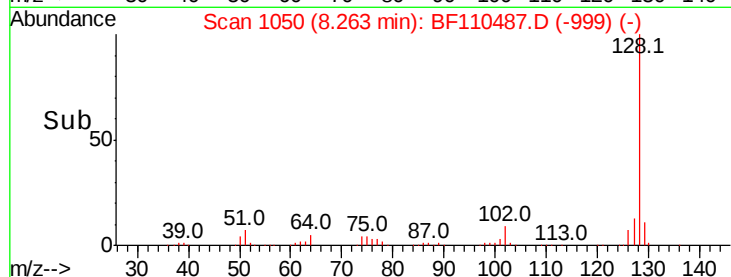
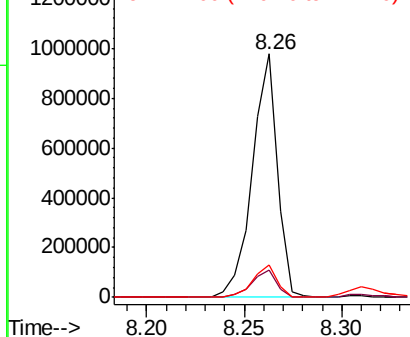
Tot Ion:	128	Resp:	871785
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.4	10.8	16.2

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



#32

Benzoic acid

Concen: 29.520 ng

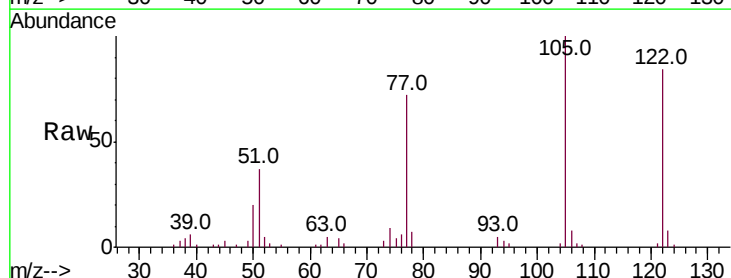
RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

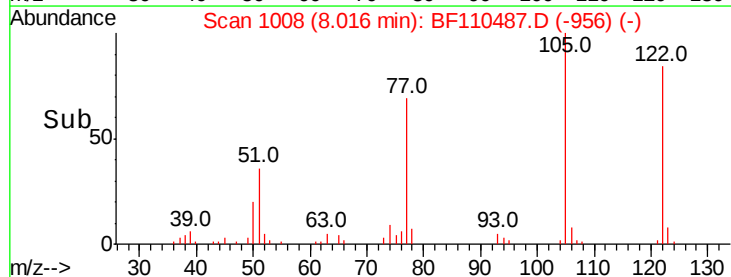
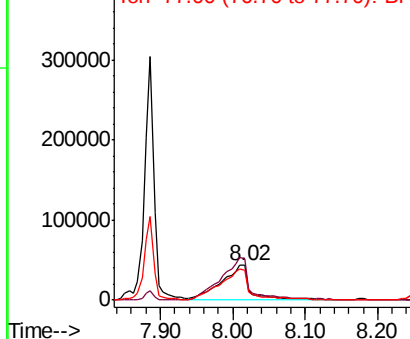
Lab File: BF110487.D

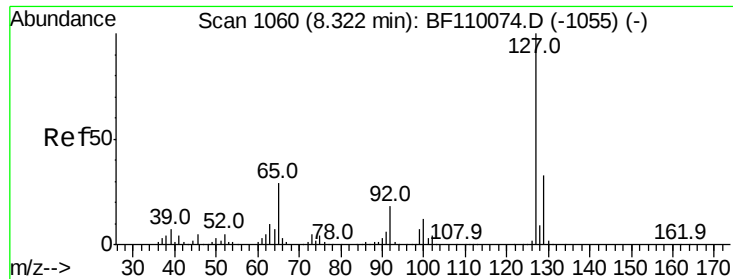
Acq: 6 Nov 2018 2:13

Tgt Ion:	122	Resp:	117925
Ion Ratio	Lower	Upper	
122	100		
105	118.9	109.0	149.0
77	85.2	79.0	119.0



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





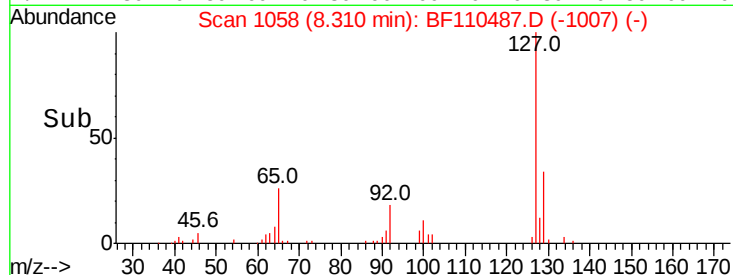
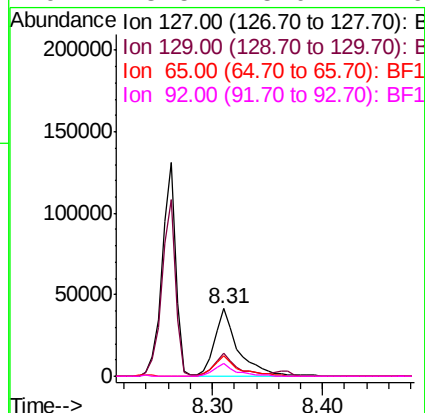
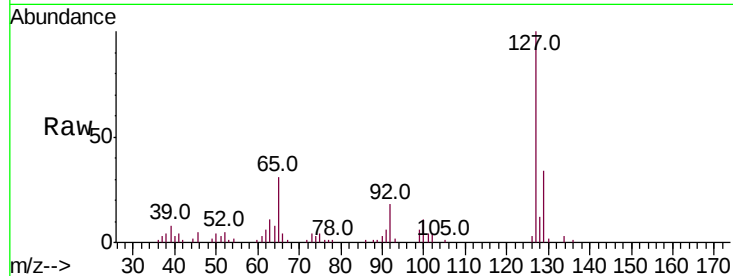
#33
4-Chloroaniline
Concen: 7.873 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.0	39.0		
65	30.6	25.1	37.7		
92	18.5	15.0	22.6		

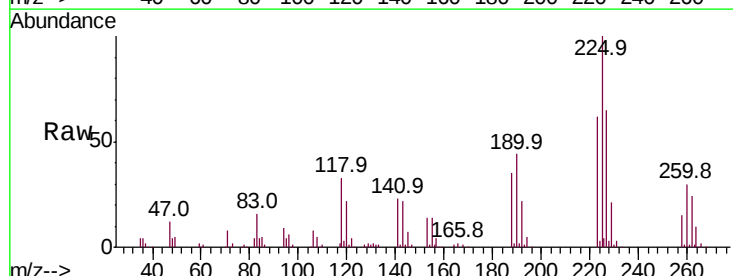
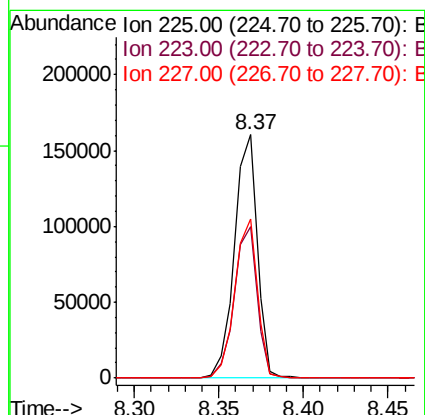
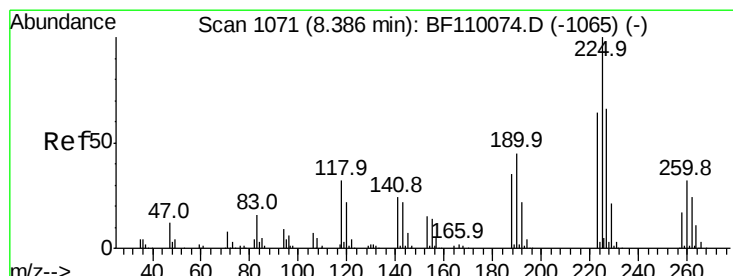
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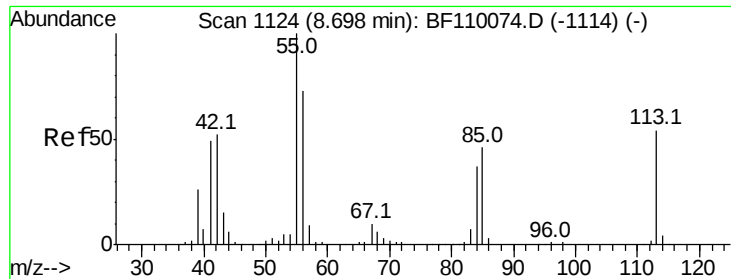
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#34
Hexachlorobutadiene
Concen: 46.287 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.4	77.2		
227	65.4	51.0	76.6		





#35

Caprolactam

Concen: 40.910 ng/mL

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

ClientSampleID :

PB114474BS

Tot Ion:113 Resp: 74457

Ion Ratio Lower Upper

113 100

55 178.0 142.8 182.8

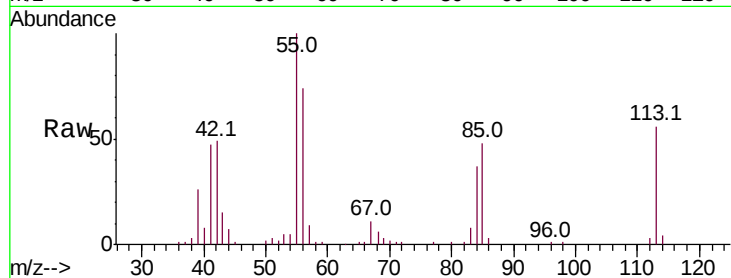
56 131.4 105.0 145.0

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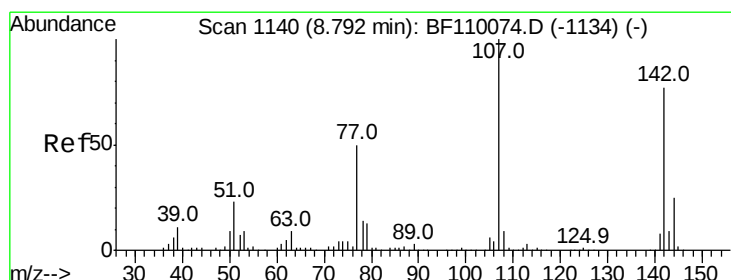
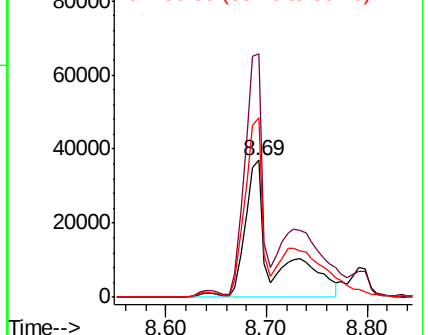
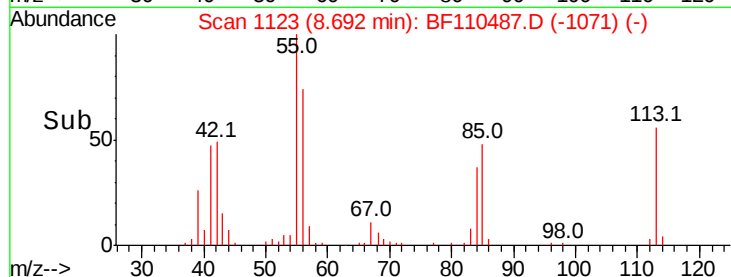
11/6/2018 9:01:23 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.565 ng/mL

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

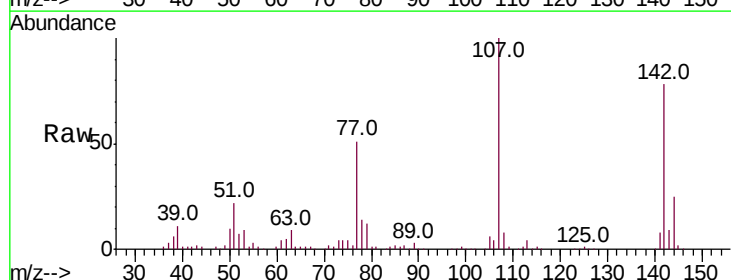
Tgt Ion:107 Resp: 268578

Ion Ratio Lower Upper

107 100

144 24.8 20.0 30.0

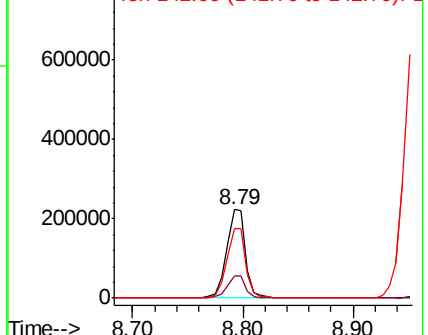
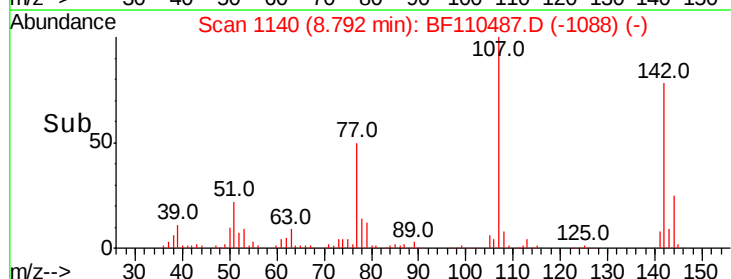
142 78.1 59.7 89.5

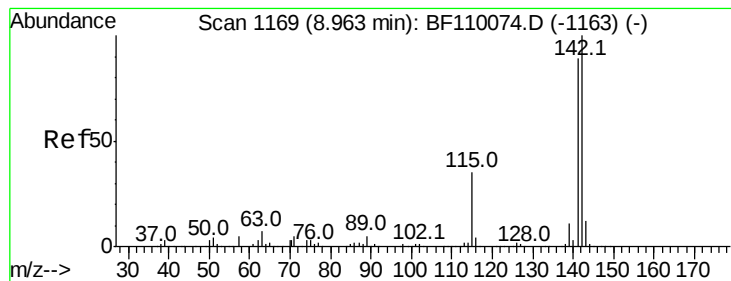


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





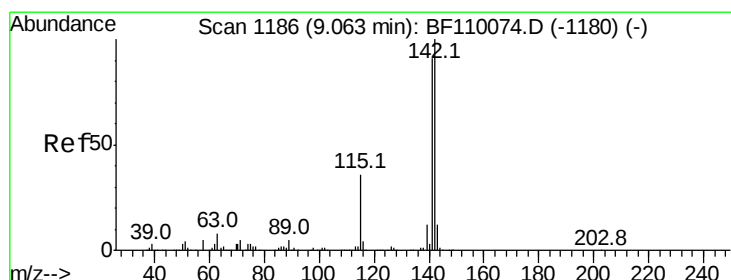
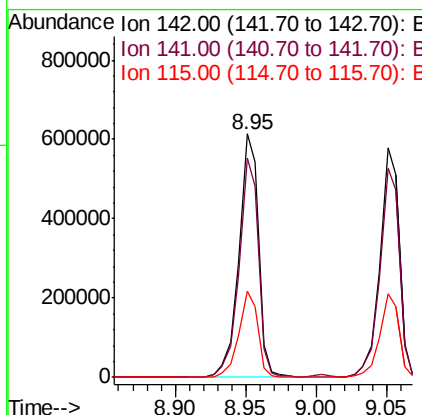
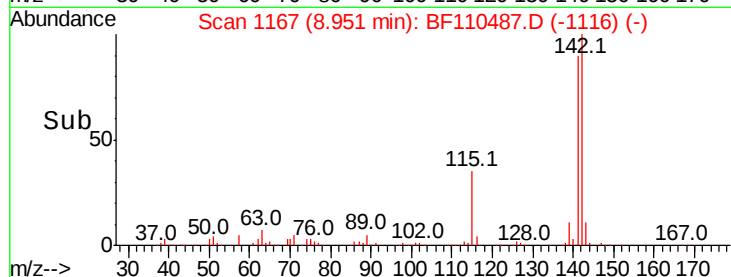
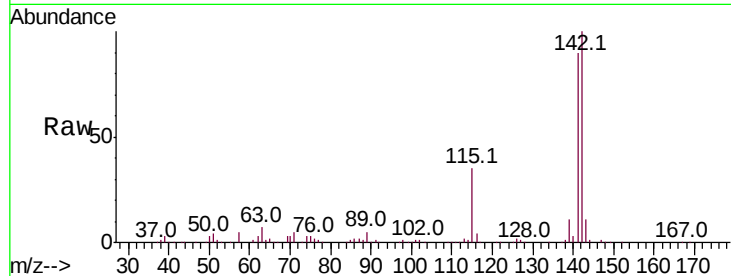
#37
2-Methylnaphthalene
Concen: 51.842 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	594978		
141	90.3		71.4	107.2
115	35.2		28.7	43.1

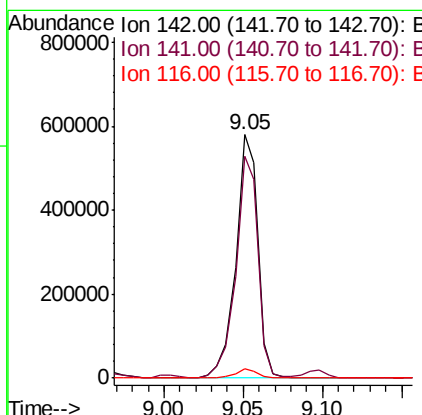
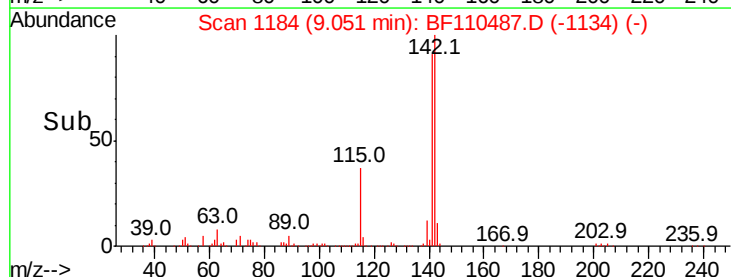
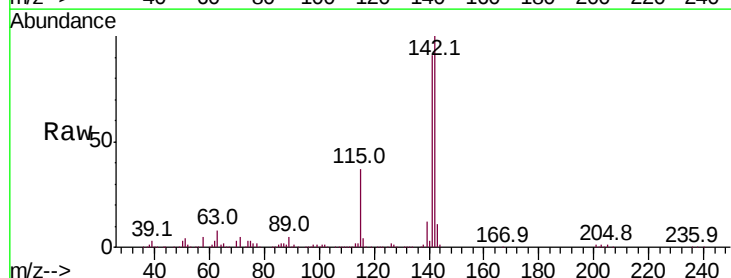
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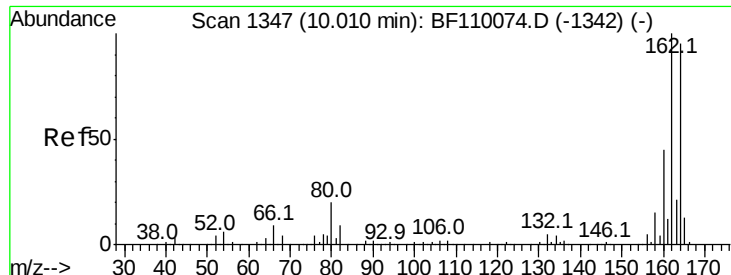
Sohil
11/6/2018 9:01:23 AM



#38
1-Methylnaphthalene
Concen: 49.819 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	552533		
141	91.1		74.2	111.4
116	3.8		2.6	4.0





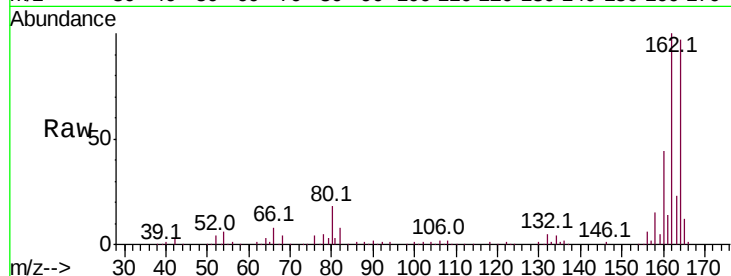
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampled :
PB114474BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	164402		
162	103.3	83.0	124.6	
160	45.3	37.0	55.6	

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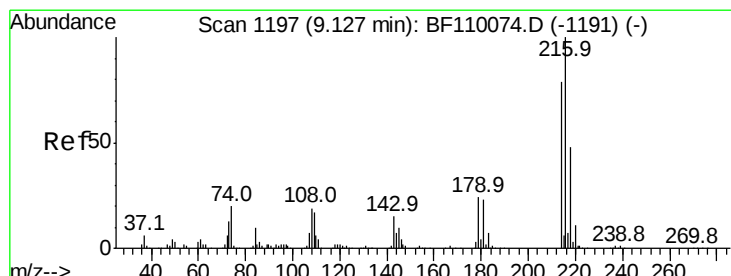
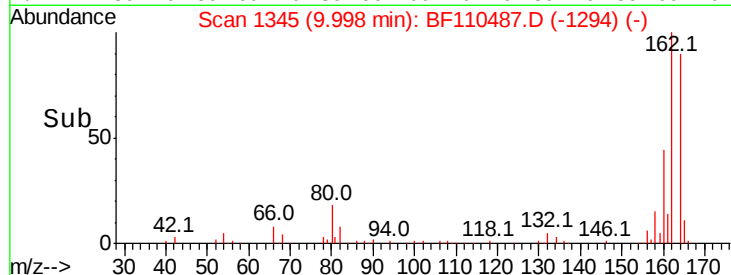
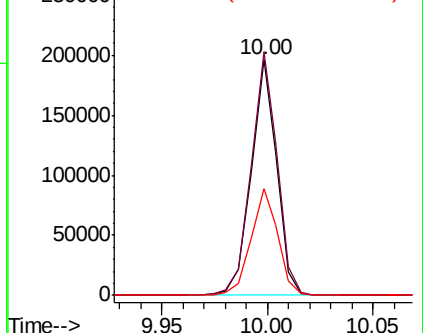


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.885 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	250407		
214	79.7	63.8	95.6	
179	23.0	16.6	25.0	
108	20.0	15.1	22.7	

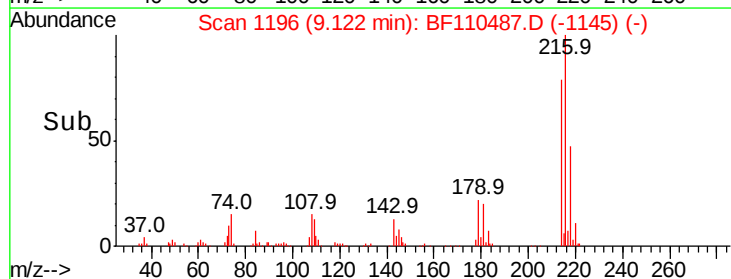
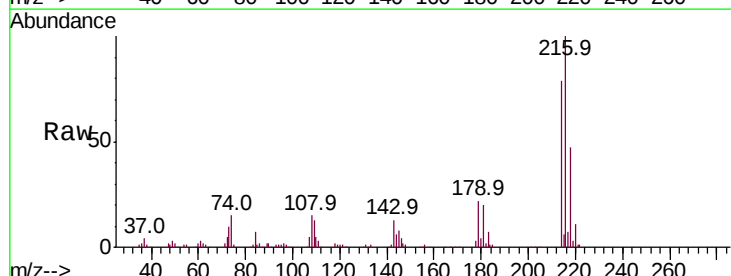
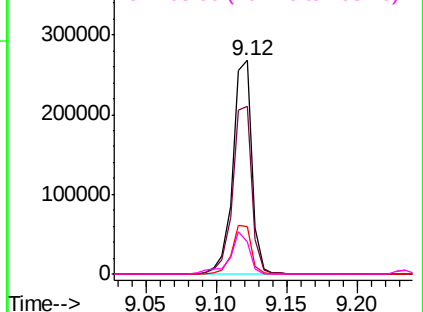
Abundance

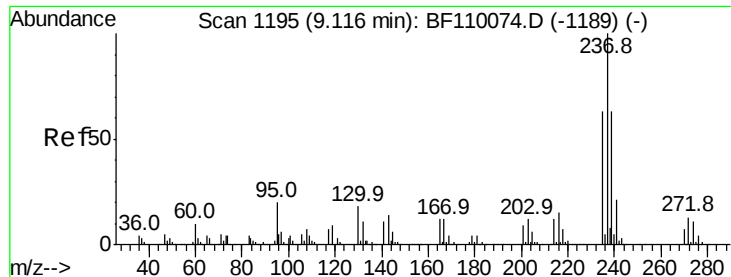
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.146 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

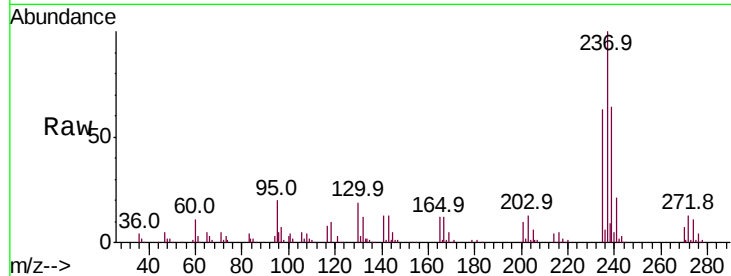
ClientSampleId :

PB114474BS

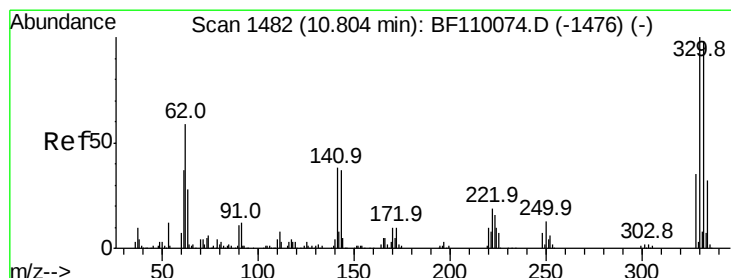
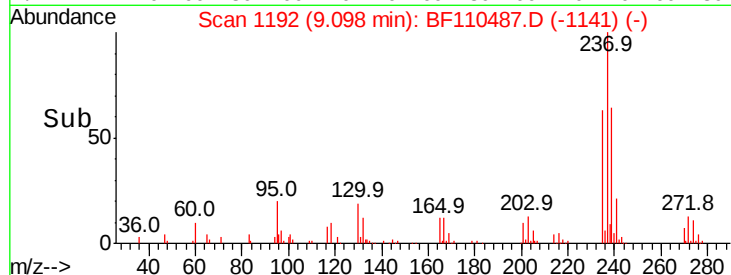
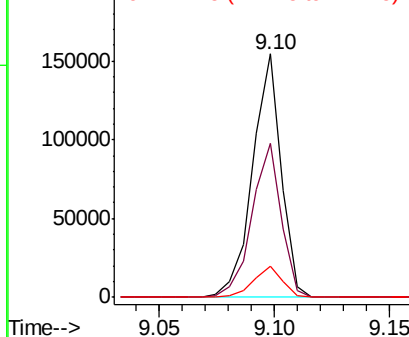
Tot Ion:	237	Resp:	133965
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.1	83.1
272	12.7	0.0	32.6

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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



#42

2,4,6-Tribromophenol

Concen: 89.322 ng

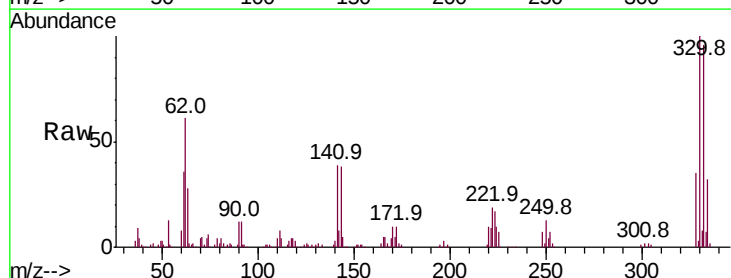
RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

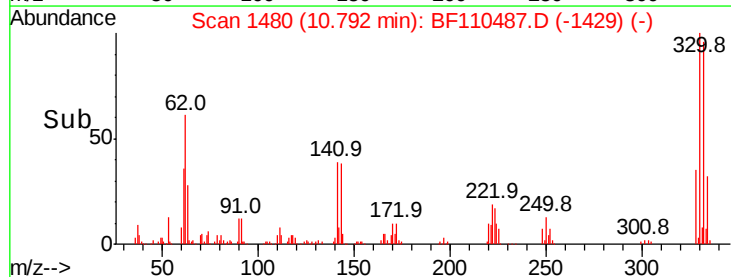
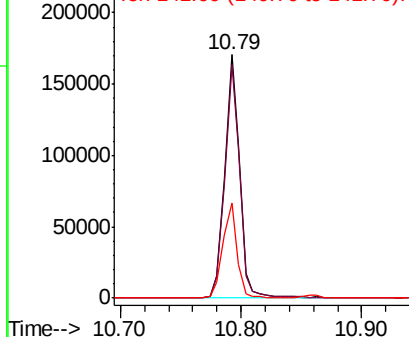
Lab File: BF110487.D

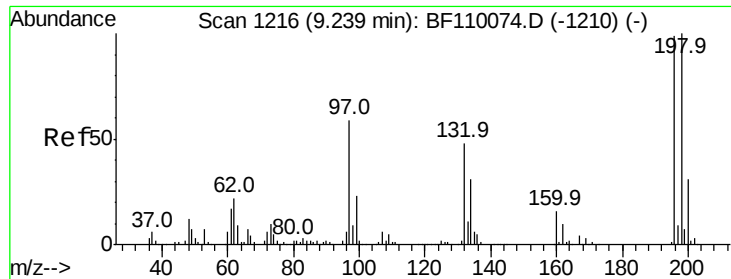
Acq: 6 Nov 2018 2:13

Tgt Ion:	330	Resp:	145462
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	37.1	27.0	40.4



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





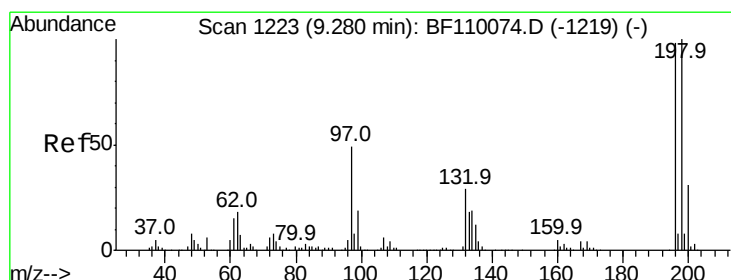
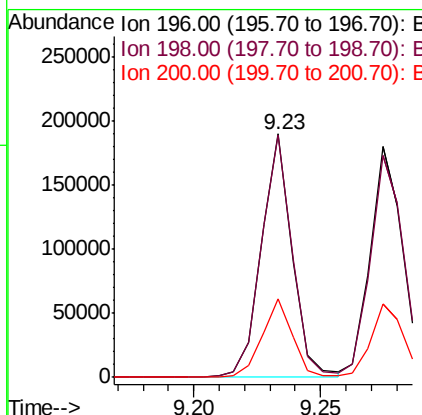
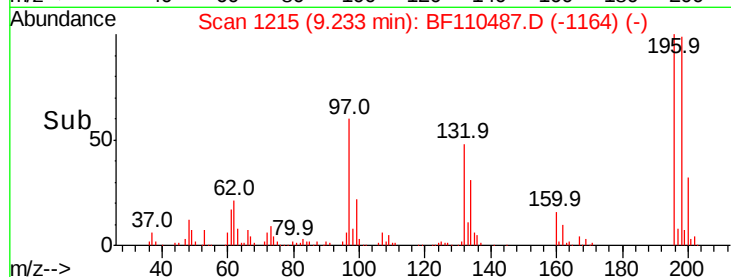
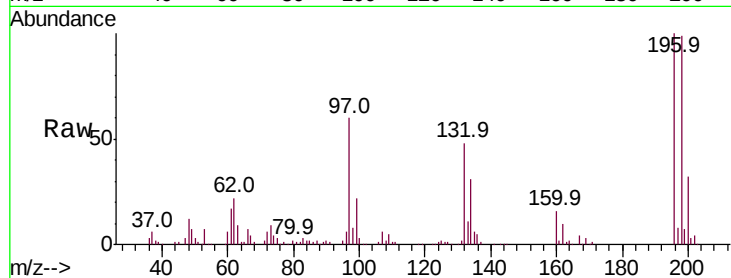
#43
 2,4,6-Trichlorophenol
 Concen: 48.784 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
 BNA_F
 ClientSampled :
 PB114474BS

Tot Ion:	196	Resp:	161177
Ion Ratio	Lower	Upper	
196	100		
198	99.4	76.2	114.4
200	32.2	24.4	36.6

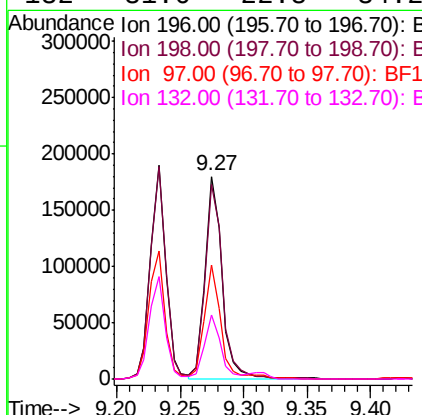
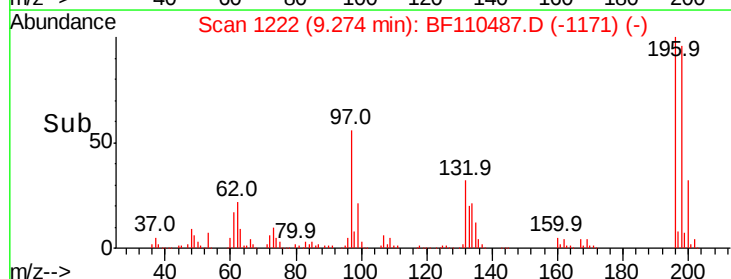
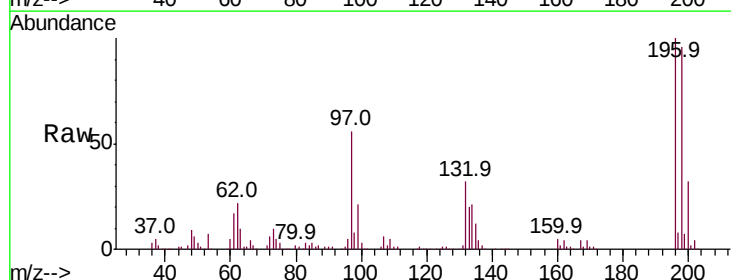
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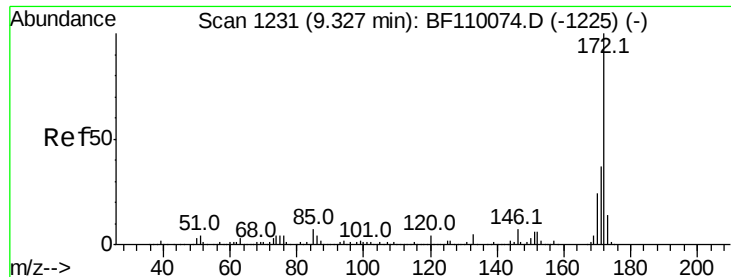
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#44
 2,4,5-Trichlorophenol
 Concen: 48.643 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion:	196	Resp:	169877
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.8	113.6
97	56.4	42.4	63.6
132	31.6	22.8	34.2





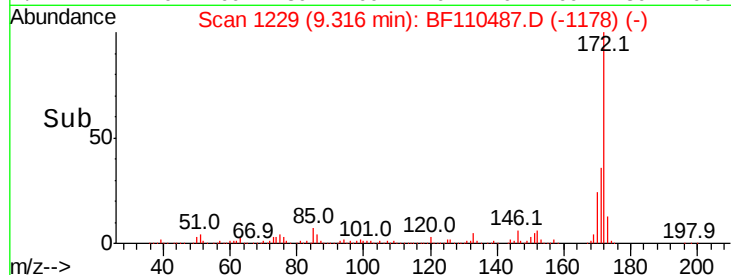
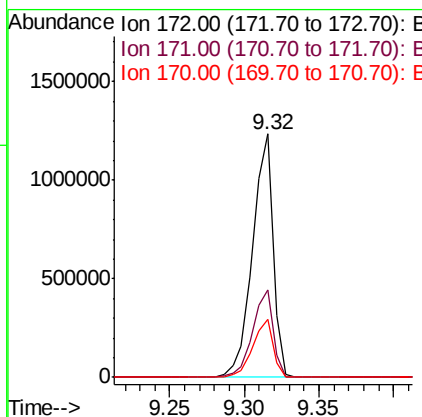
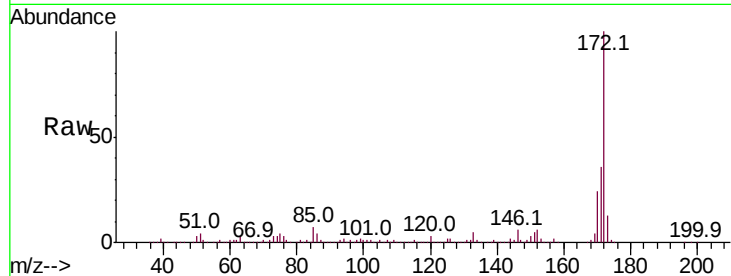
#45
2-Fluorobiphenyl
Concen: 112.114 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5

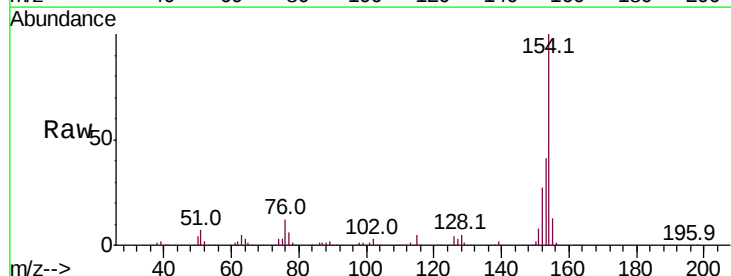
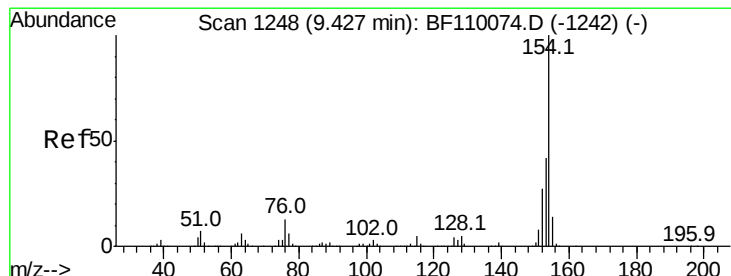
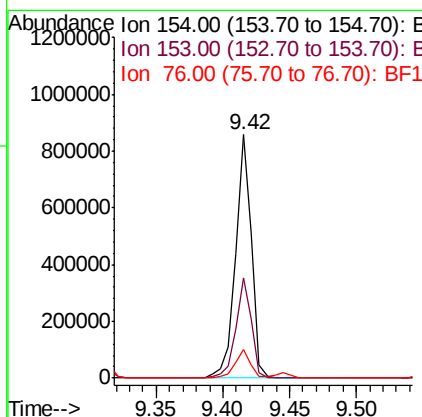
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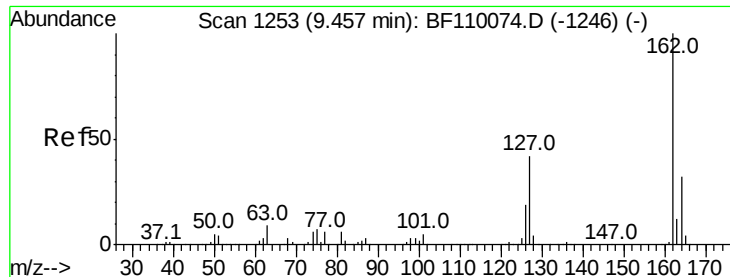
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#46
1,1'-Biphenyl
Concen: 48.045 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	11.7	0.0	31.9





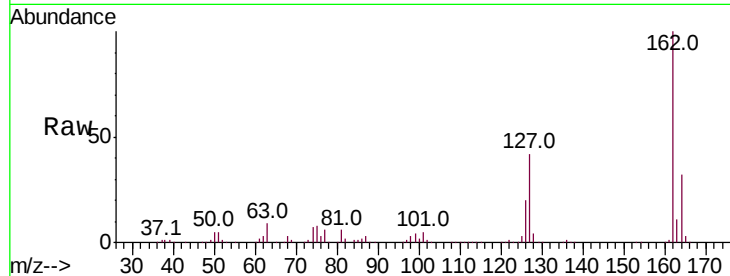
#47
2-Chloronaphthalene
Concen: 48.527 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

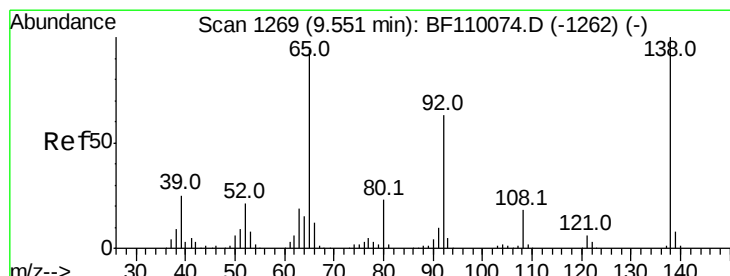
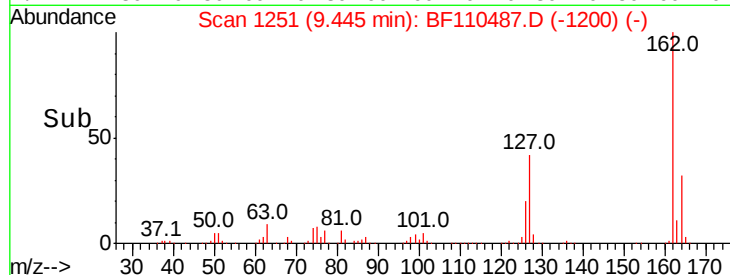
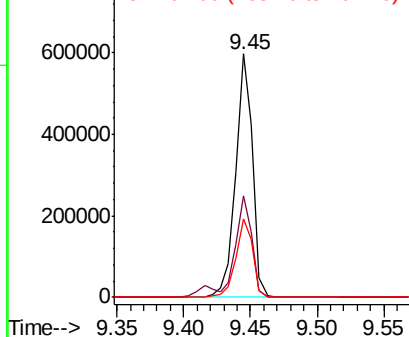
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.8	32.6	48.8
164	32.1	25.9	38.9

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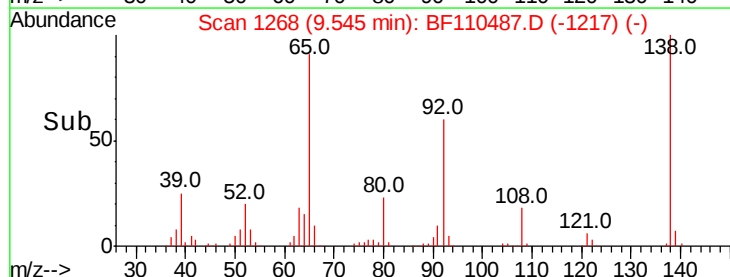
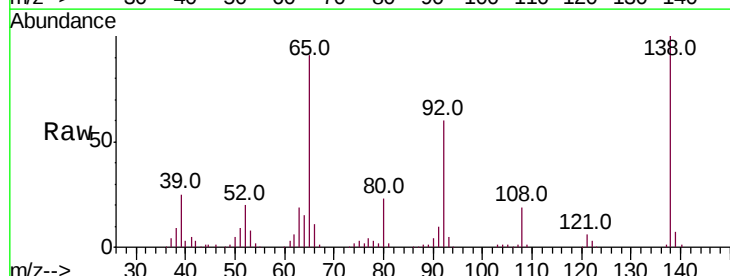
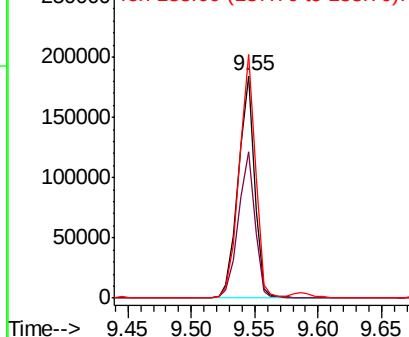
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

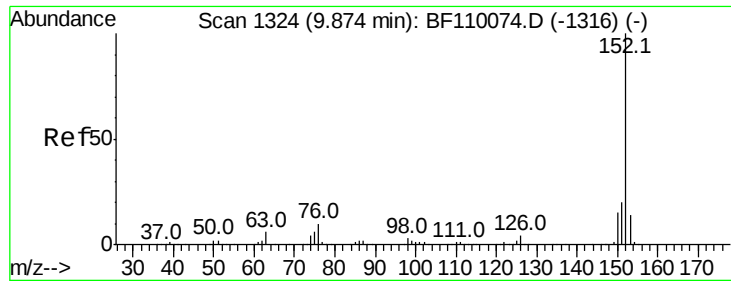


#48
2-Nitroaniline
Concen: 49.627 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	66.0	54.6	81.8
138	109.4	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





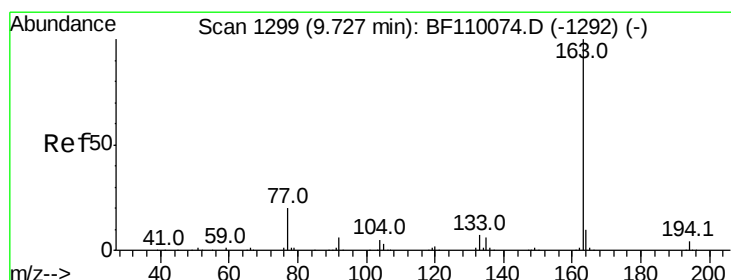
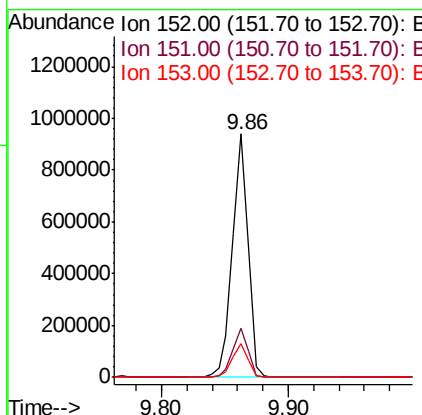
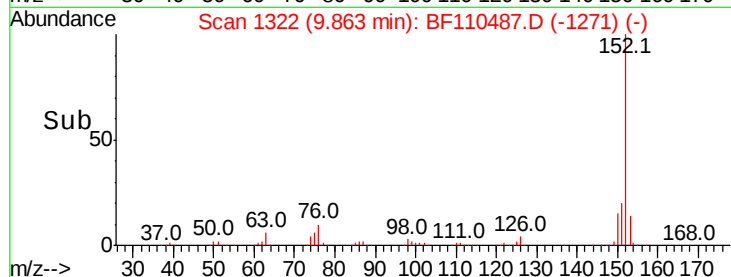
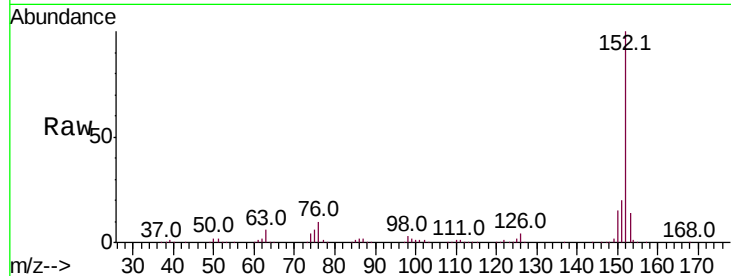
#49
Acenaphthylene
Concen: 50.586 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.9	10.4	15.6

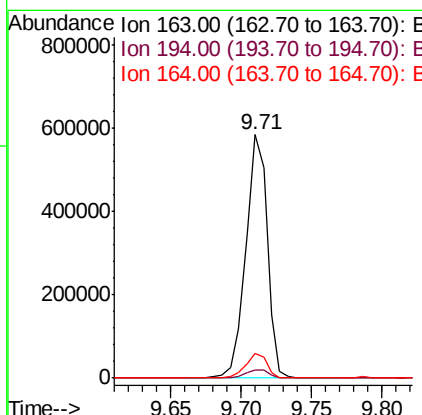
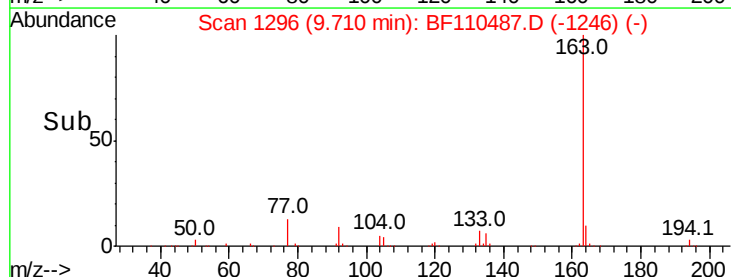
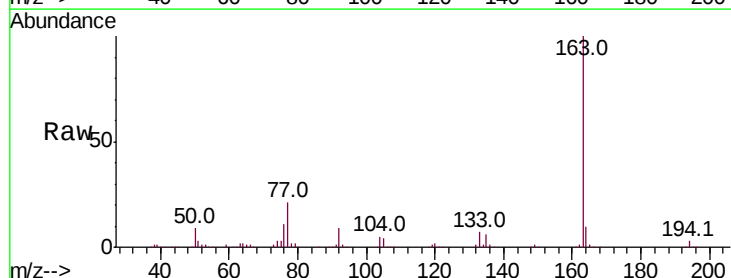
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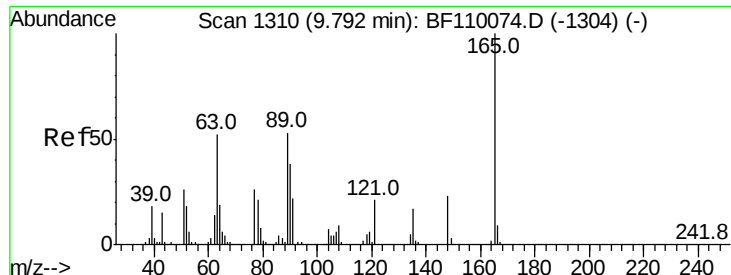
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#50
Dimethylphthalate
Concen: 51.481 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.3	8.1	12.1





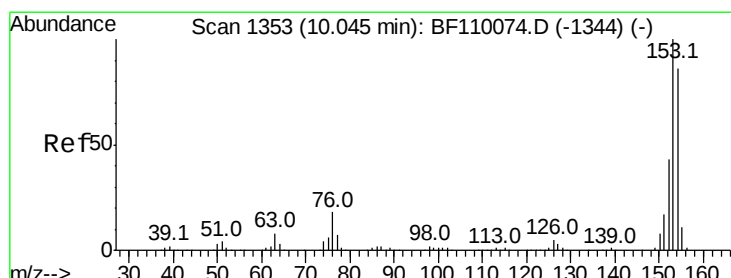
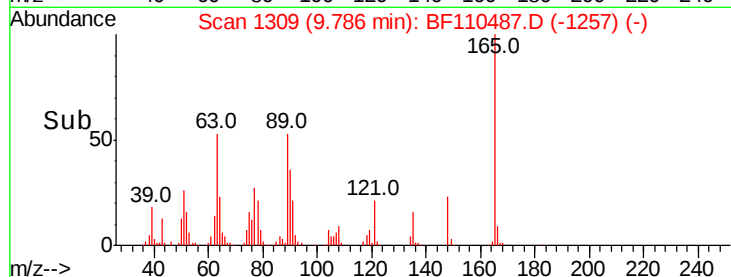
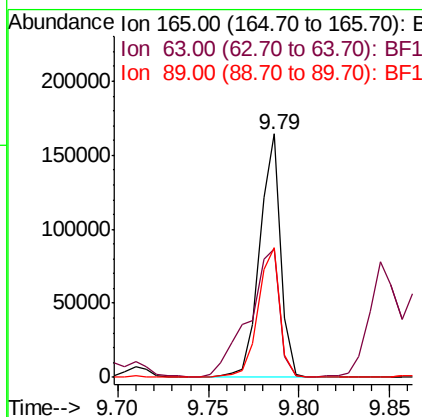
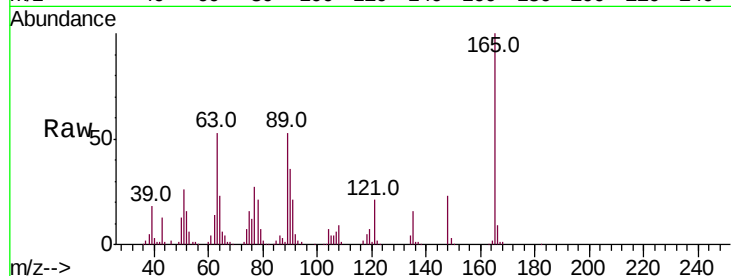
#51
2,6-Dinitrotoluene
Concen: 50.417 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampled :
PB114474BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	131794		
63	52.6	48.9	73.3	
89	53.1	46.6	69.8	

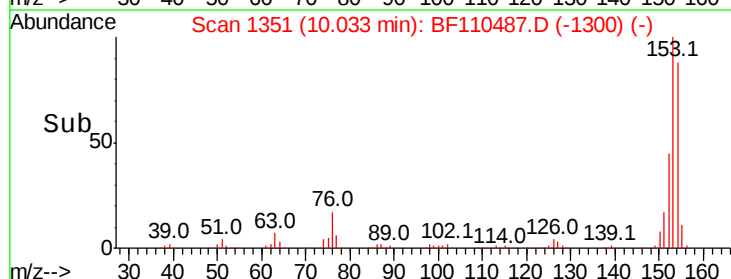
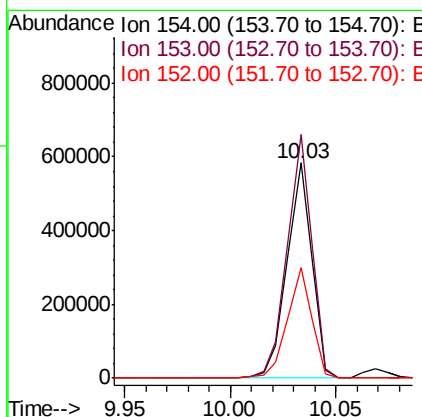
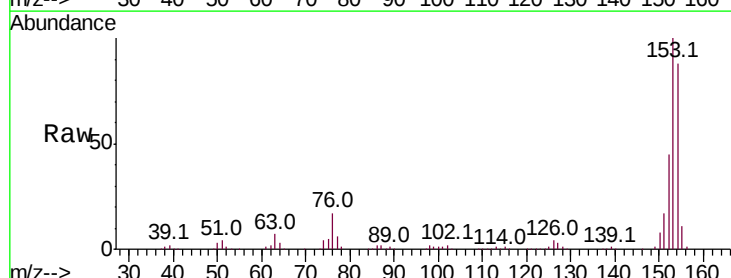
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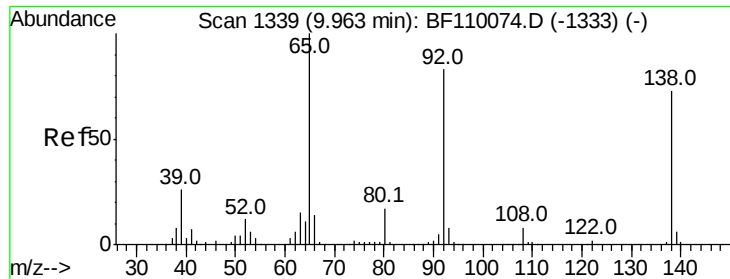
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#52
Acenaphthene
Concen: 46.397 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	483459		
153	113.2	90.1	135.1	
152	51.2	43.4	65.2	





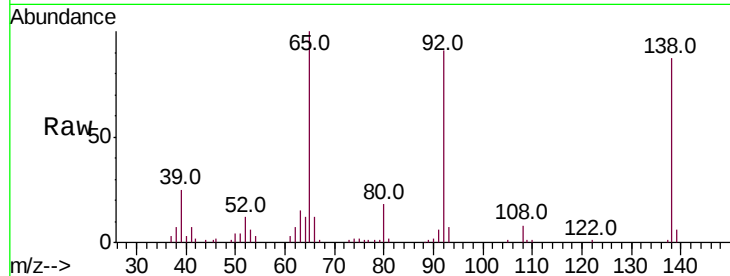
#53
3-Nitroaniline
Concen: 20.642 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.7	13.1
92	104.5	97.0	145.4

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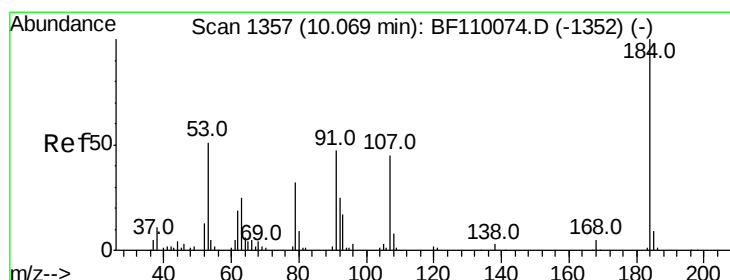
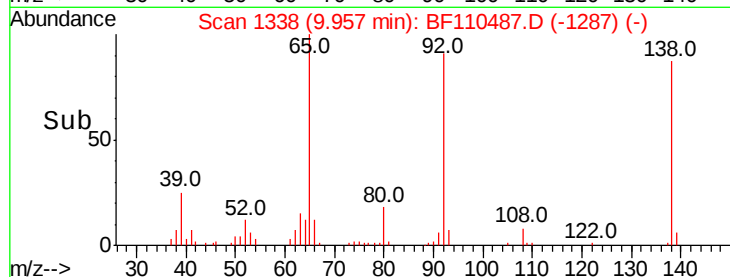
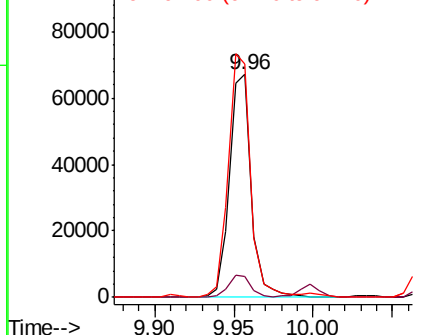


Abundance

Ion 138.00 (137.70 to 138.70): E

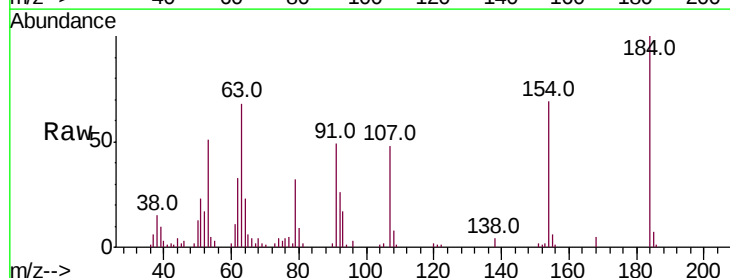
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.918 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	55.8	83.6
154	69.0	63.2	94.8

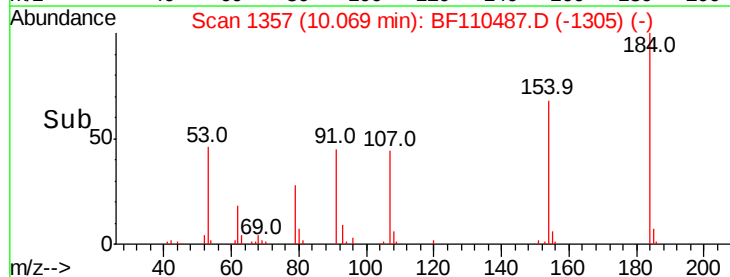
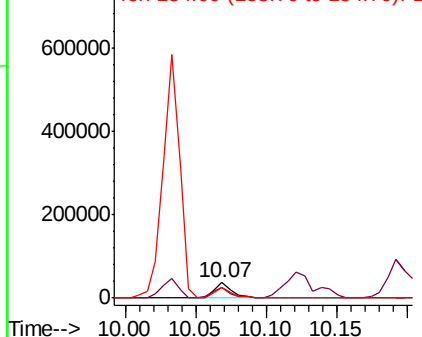


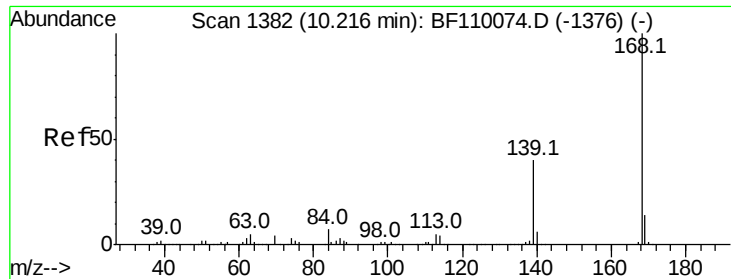
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





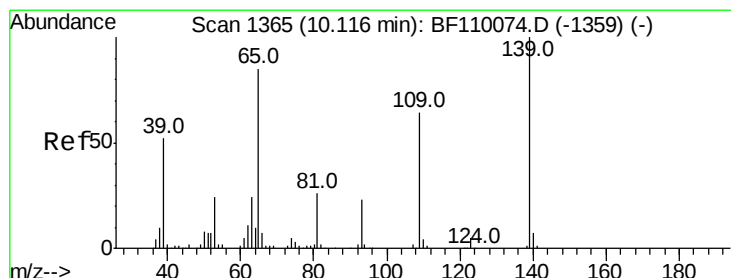
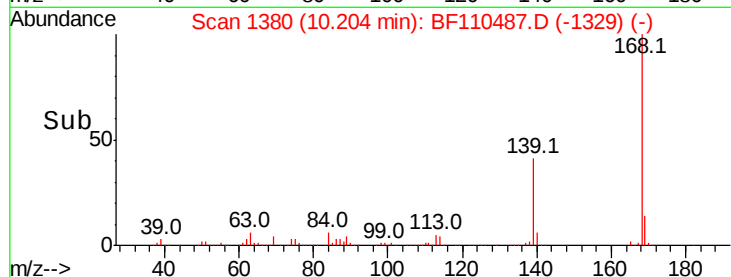
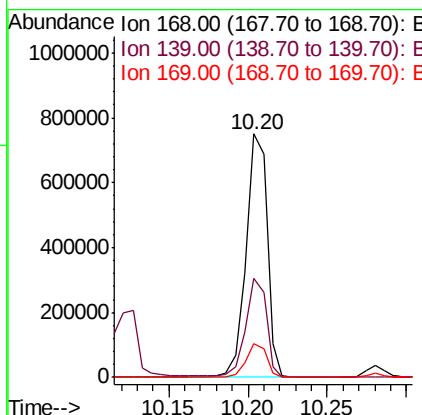
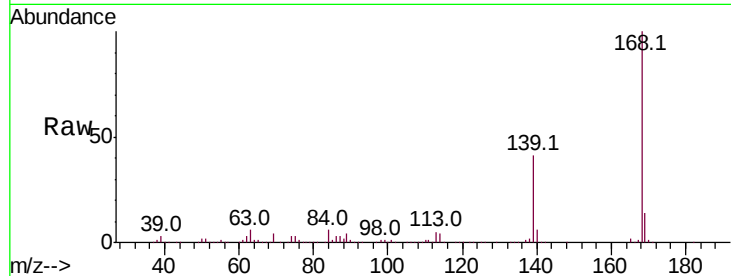
#55
Dibenzofuran
Concen: 47.393 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampled :
PB114474BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	13.8	11.3	16.9

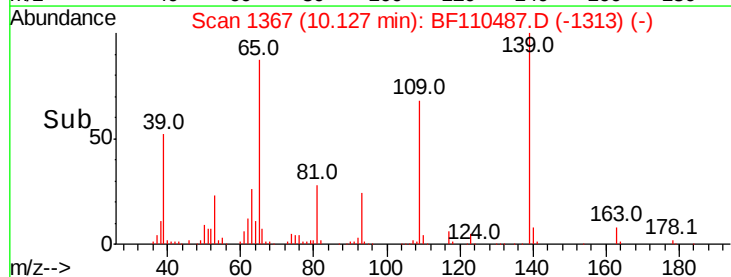
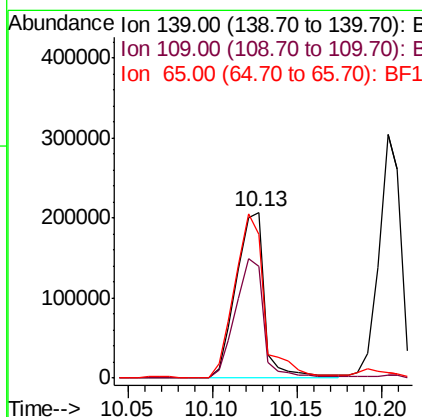
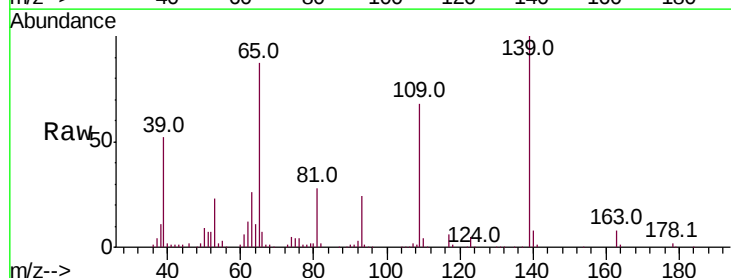
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#56
4-Nitrophenol
Concen: 106.432 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	55.8	95.8
65	86.5	77.9	117.9





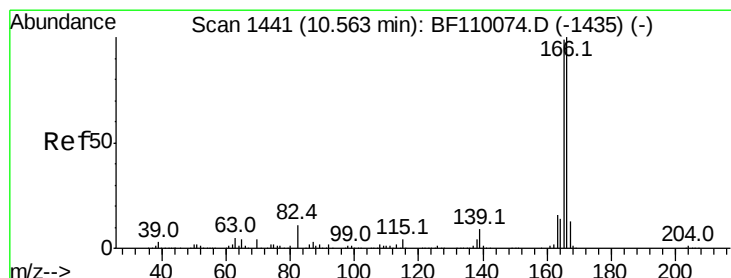
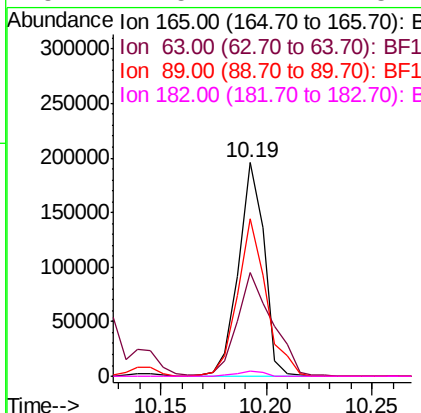
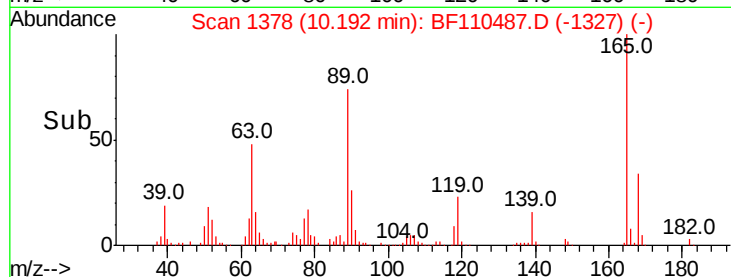
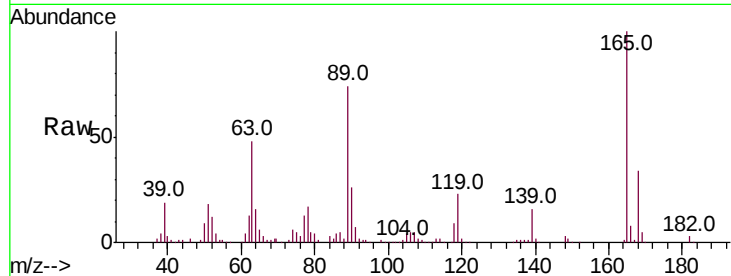
#57
2,4-Dinitrotoluene
Concen: 49.424 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	164105		
63	48.3	44.8	67.2	
89	73.5	62.2	93.4	
182	2.5	2.1	3.1	

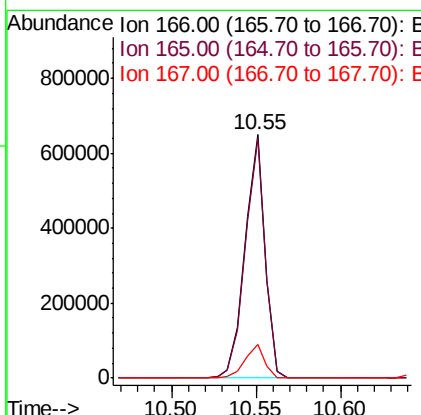
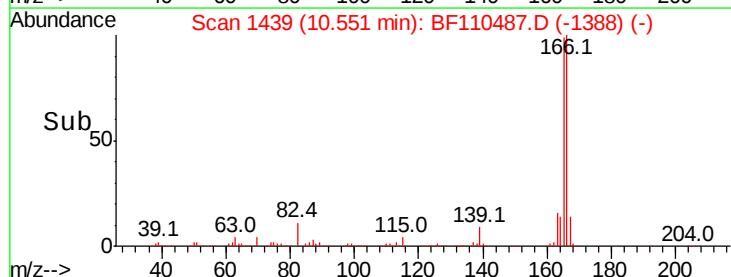
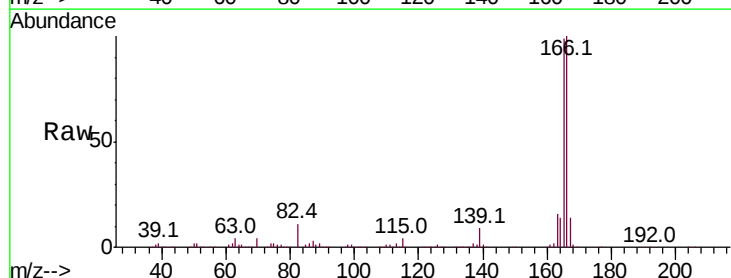
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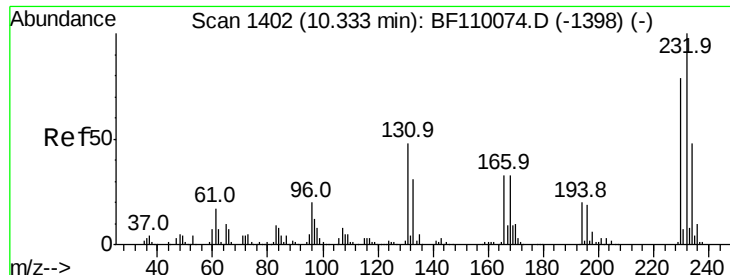
Sohil
11/6/2018 9:01:23 AM



#58
Fluorene
Concen: 49.560 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	538111		
165	98.7	78.6	117.8	
167	13.6	10.8	16.2	





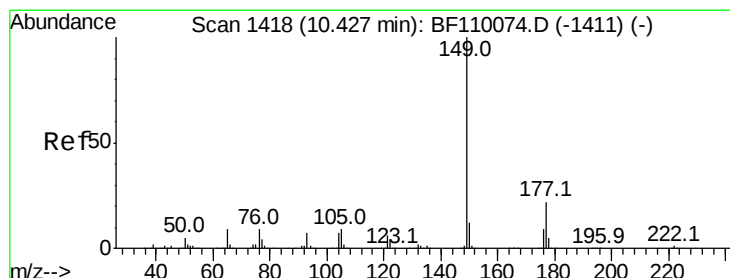
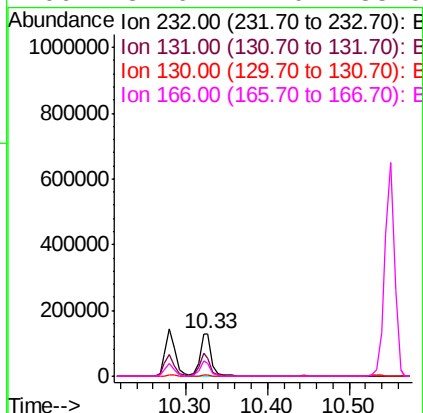
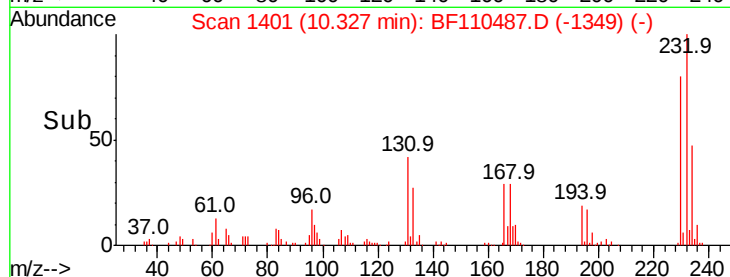
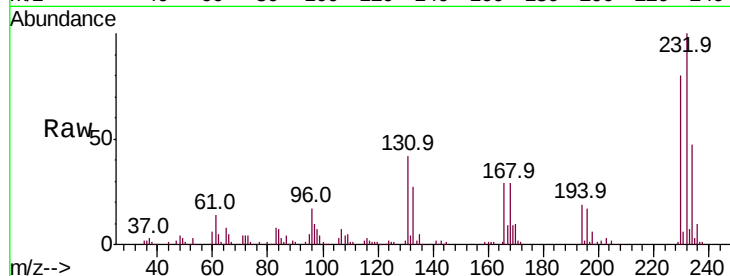
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.811 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	47.1	37.0	55.4
130	2.3	1.8	2.6
166	32.6	22.0	33.0

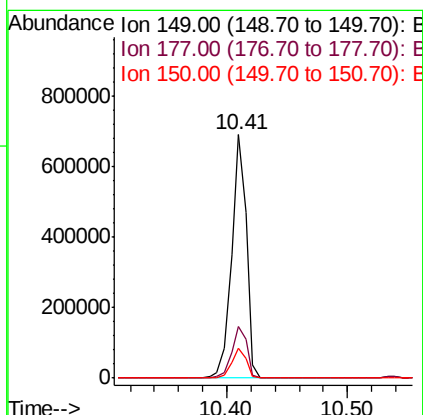
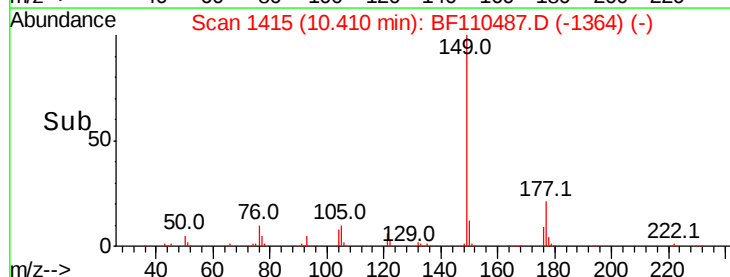
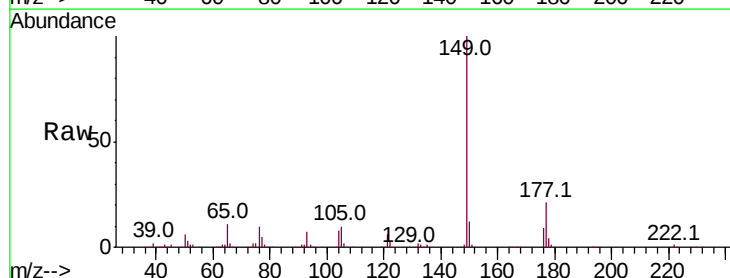
Manual Integrations
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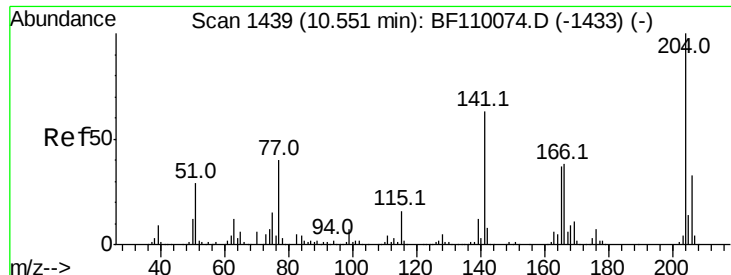
Sohil
 11/6/2018 9:01:23 AM



#60
 Diethylphthalate
 Concen: 49.460 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.1	9.8	14.8





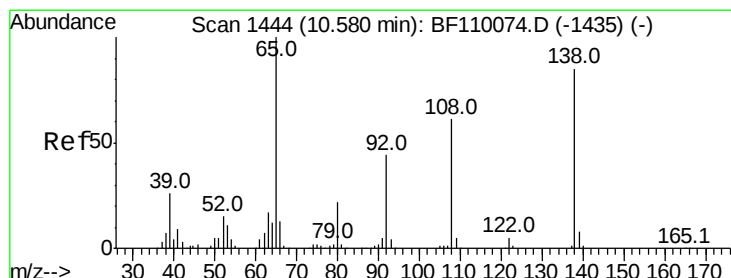
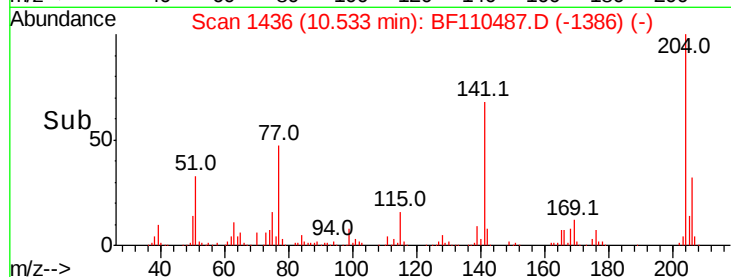
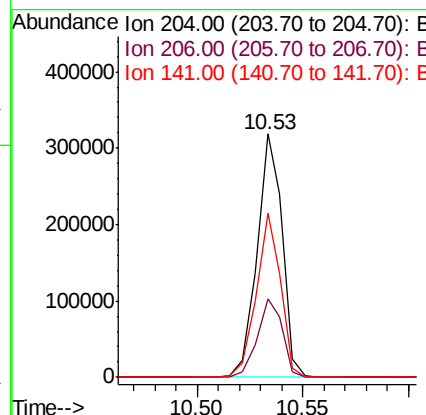
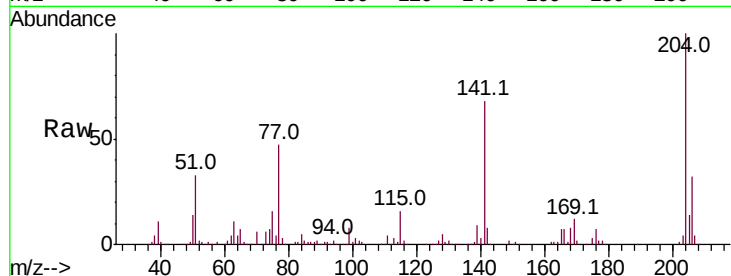
#61
 4-Chlorophenyl-phenylether
 Concen: 46.122 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	67.6	51.8	77.8

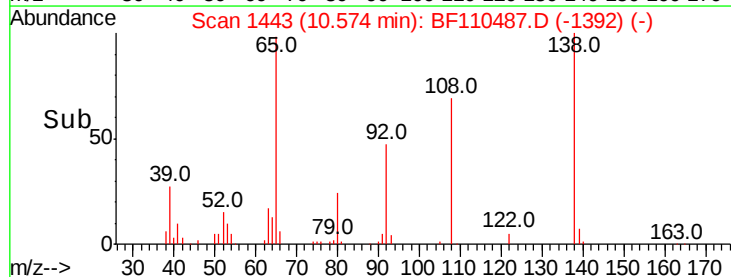
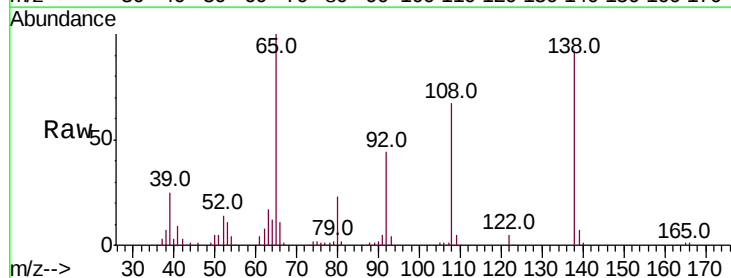
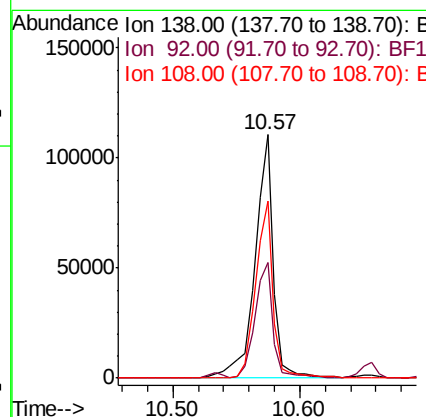
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#62
 4-Nitroaniline
 Concen: 36.350 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	31.7	71.7
108	72.7	59.3	99.3





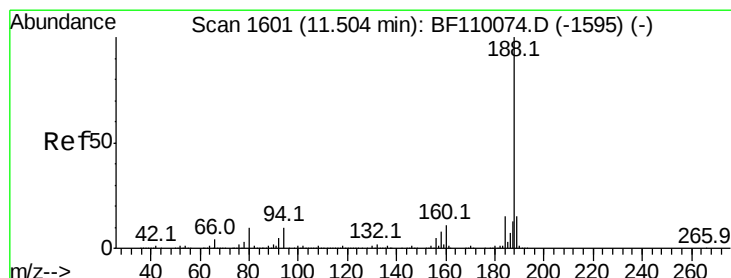
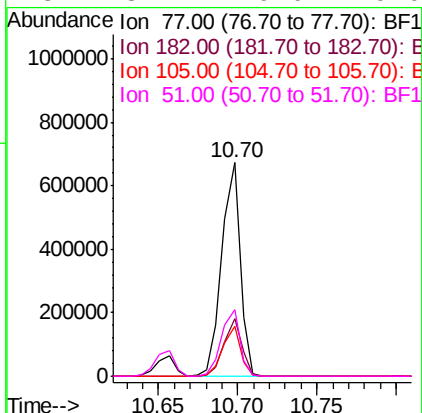
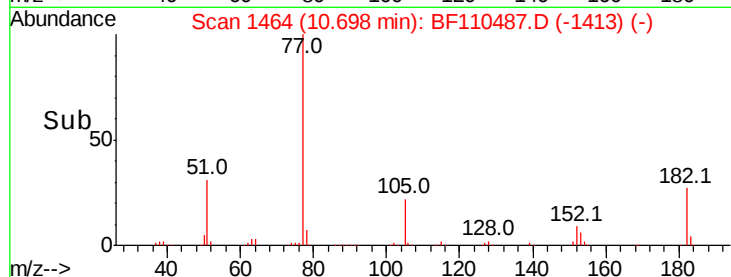
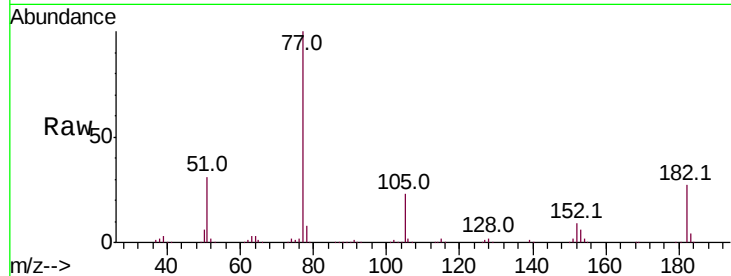
#63
Azobenzene
Concen: 46.669 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.3	44.3
105	23.2	1.3	41.3
51	31.1	9.0	49.0

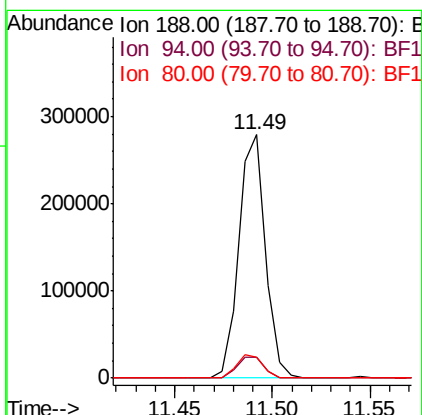
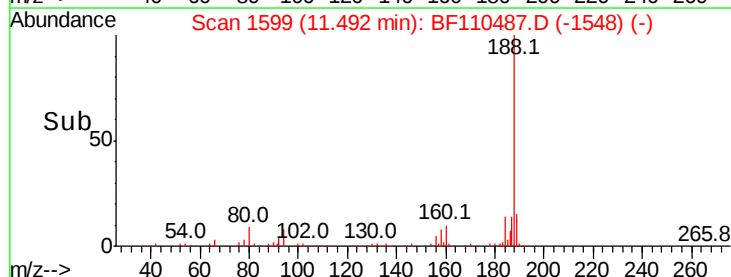
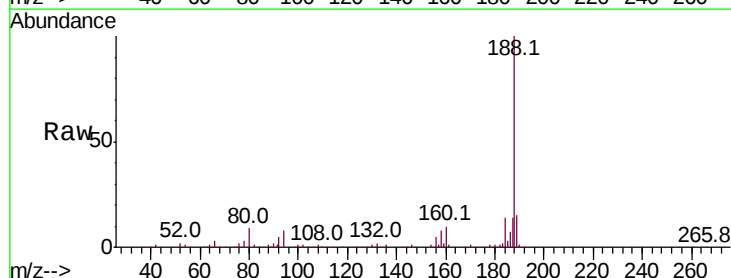
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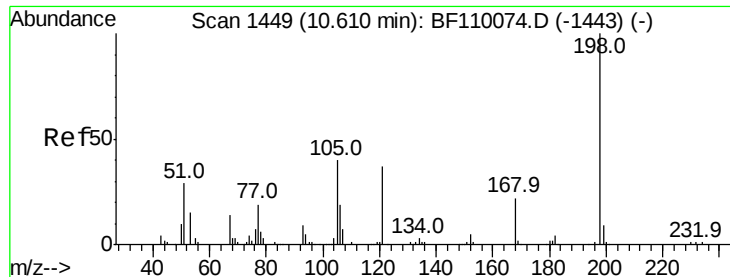
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.8	7.9	11.9





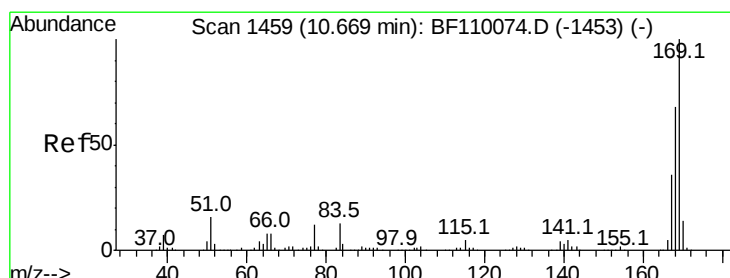
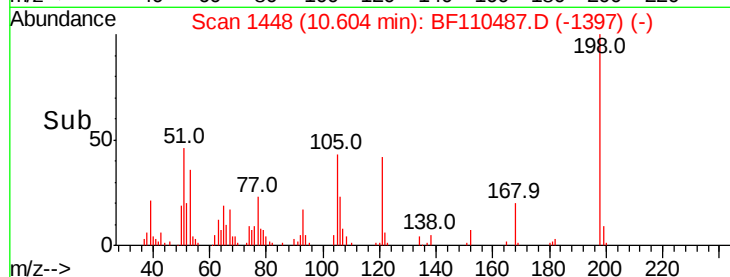
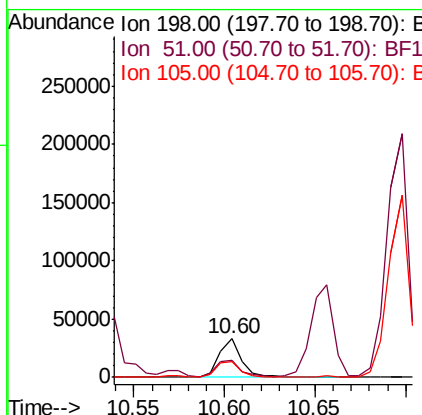
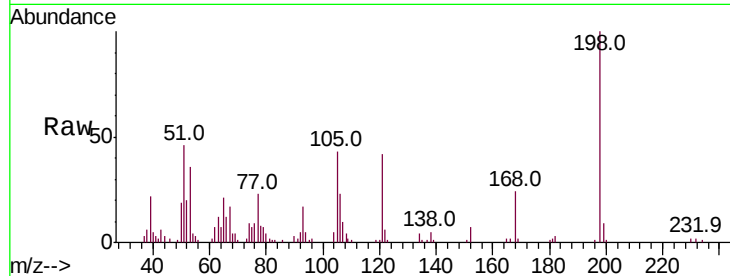
#65
4,6-Dinitro-2-methylphenol
Concen: 23.922 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampled :
PB114474BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.0	22.8	62.8
105	42.8	23.6	63.6

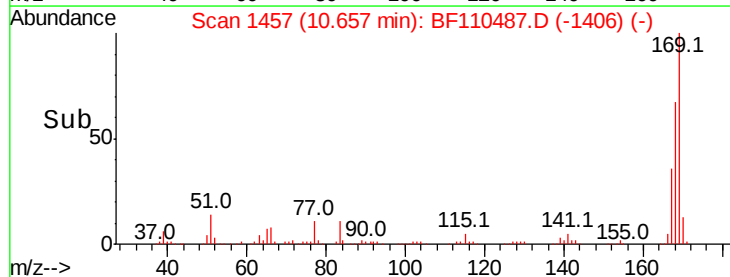
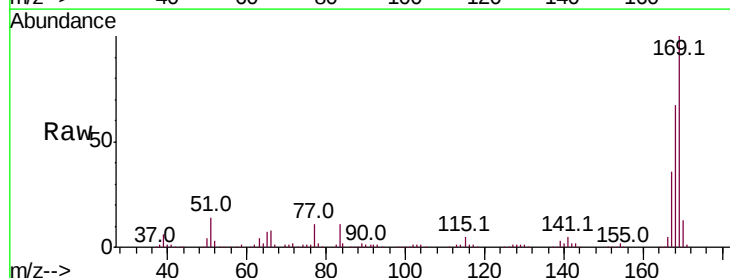
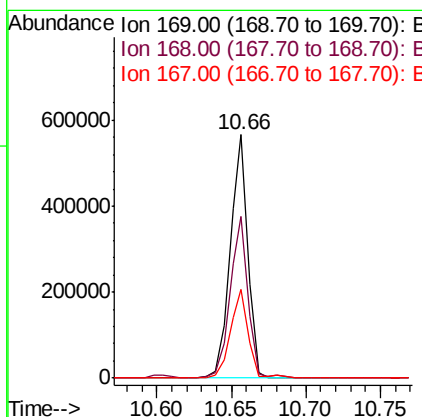
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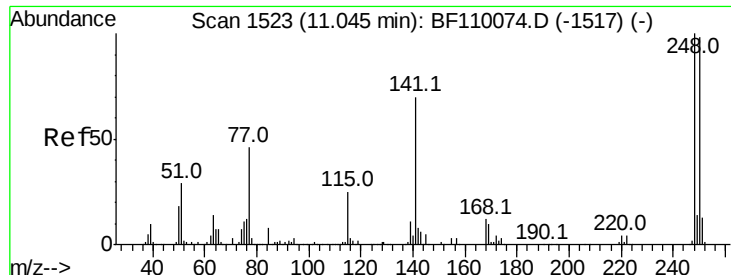
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 55.023 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	51.2	76.8
167	36.4	27.8	41.6





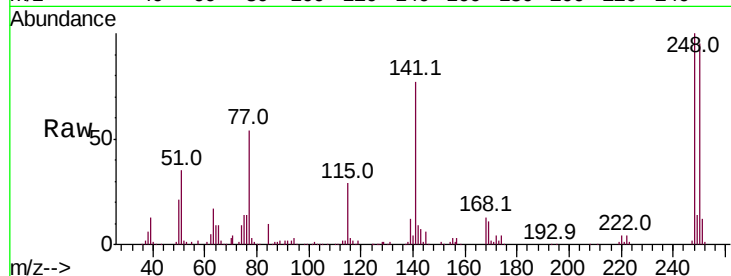
#67
4-Bromophenyl-phenylether
Concen: 53.080 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.4	119.2
141	77.4	55.9	83.9

Manual Integrations
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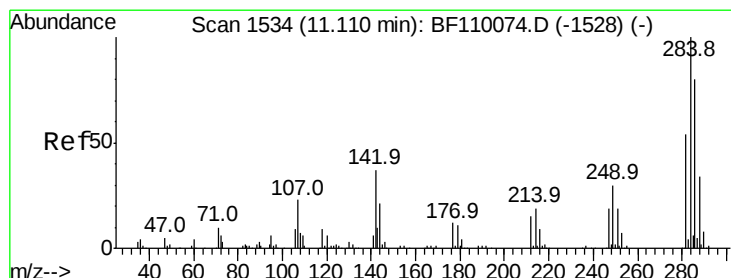
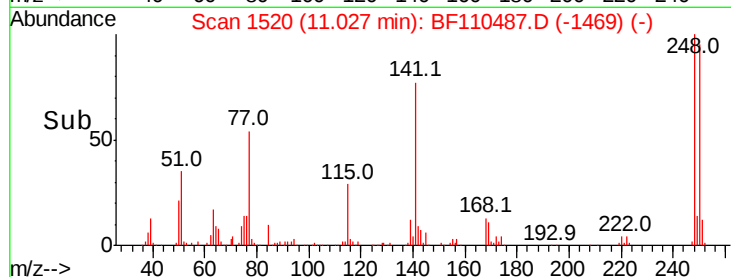
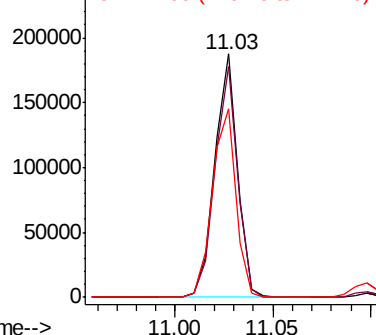


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.057 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

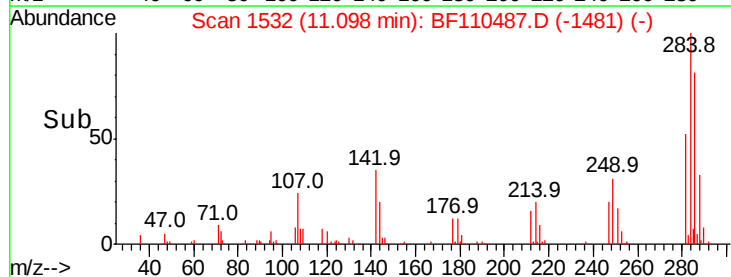
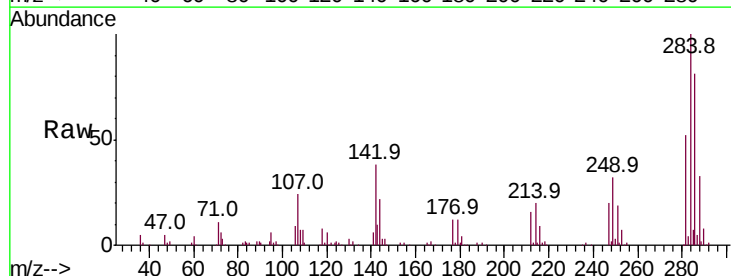
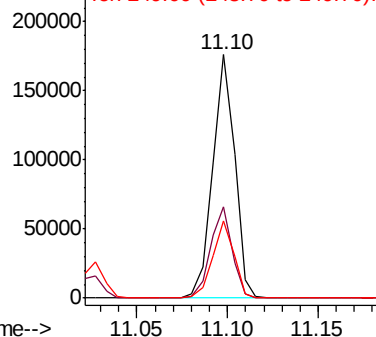
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	23.9	35.9#
249	31.7	24.2	36.2

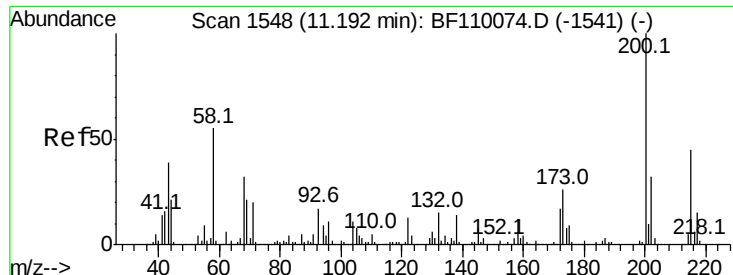
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





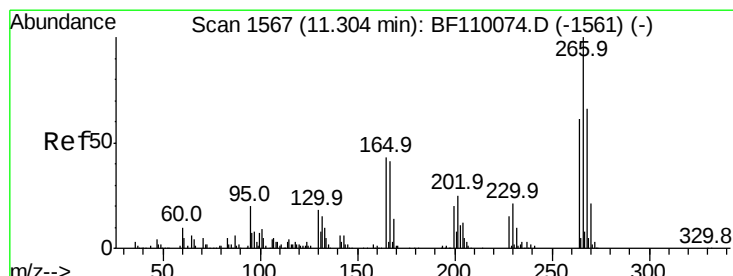
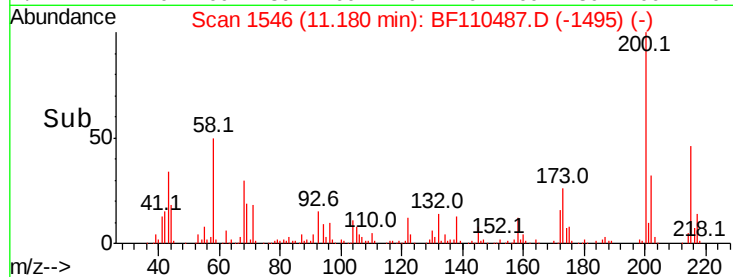
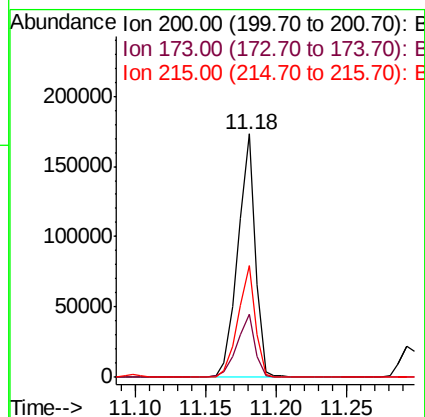
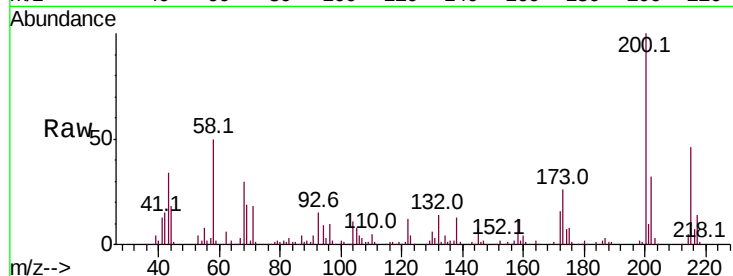
#69
Atrazine
Concen: 54.894 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	6.6	46.6
215	45.7	26.3	66.3

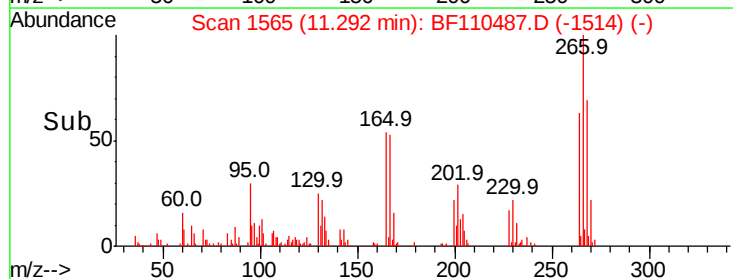
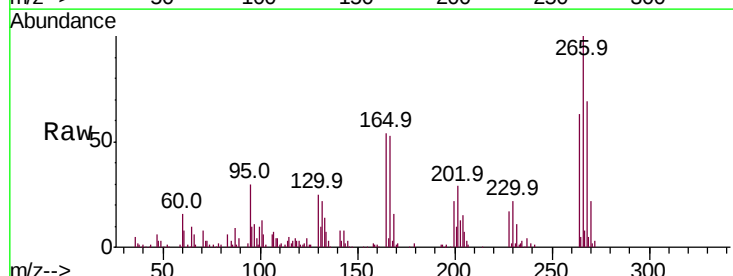
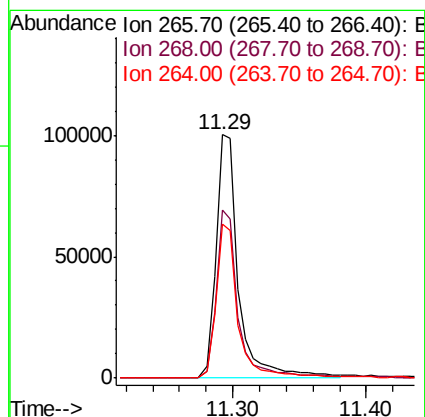
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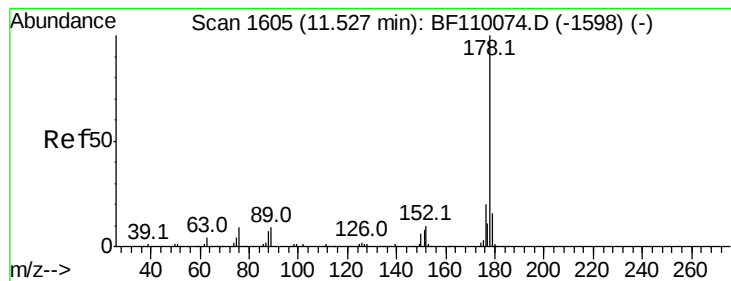
Sohil
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#70
Pentachlorophenol
Concen: 67.470 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.9	50.6	75.8
264	63.2	50.6	75.8





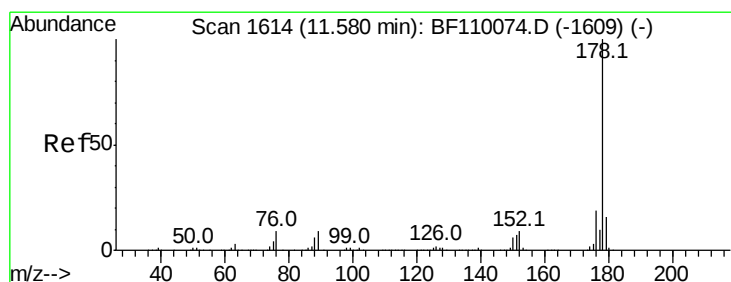
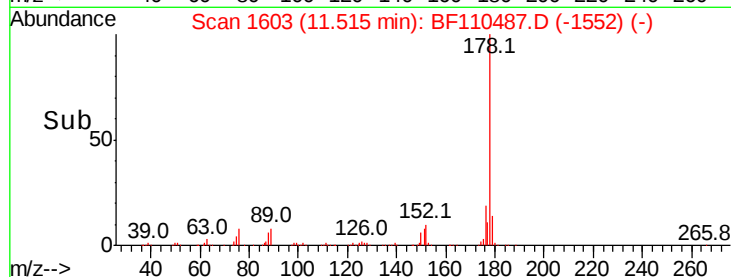
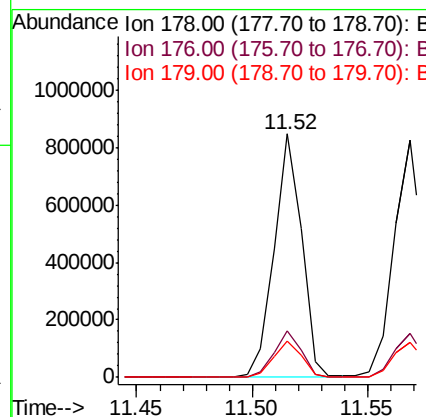
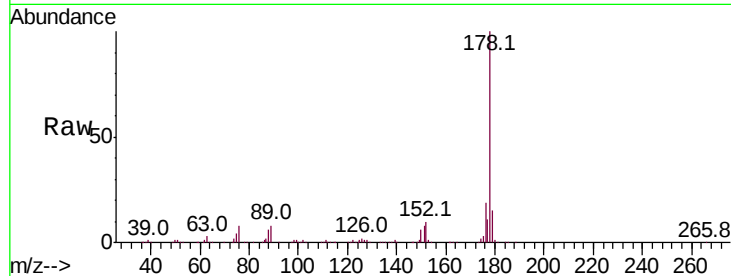
#71
Phenanthrene
Concen: 51.130 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.5	18.7

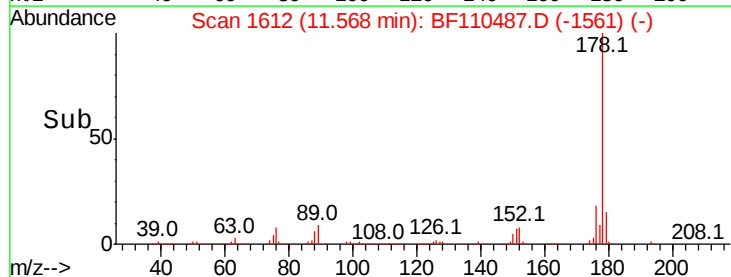
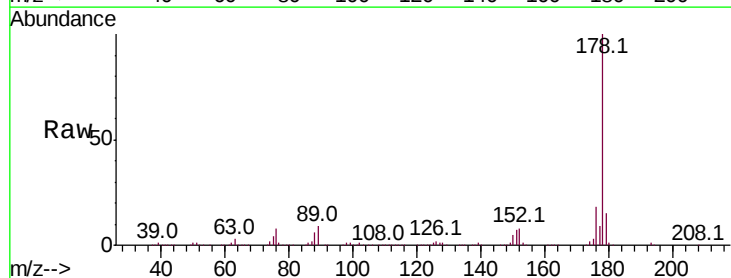
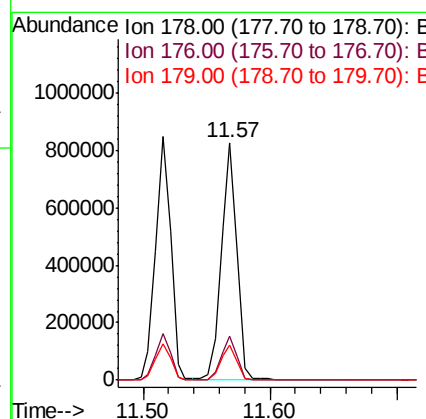
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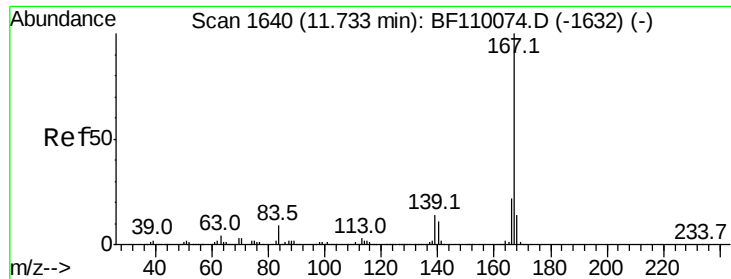
Sohil
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#72
Anthracene
Concen: 52.429 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.0	12.6	18.8





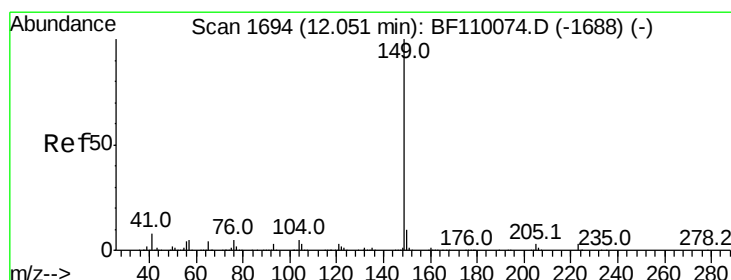
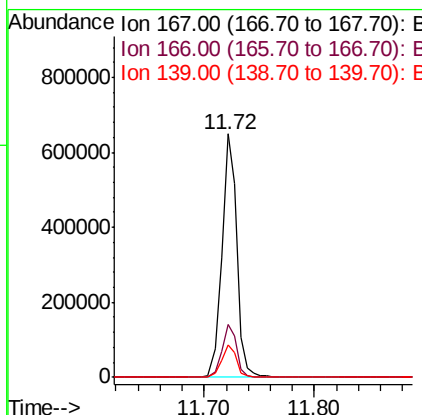
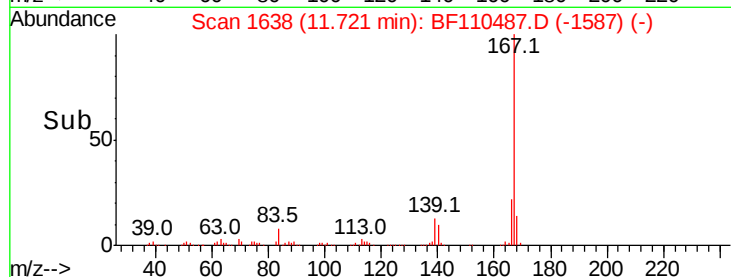
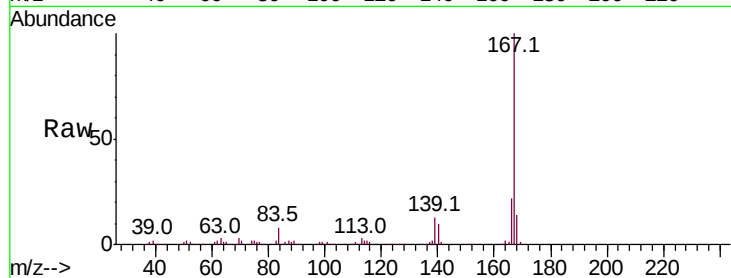
#73
 Carbazole
 Concen: 45.507 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.3	10.9	16.3

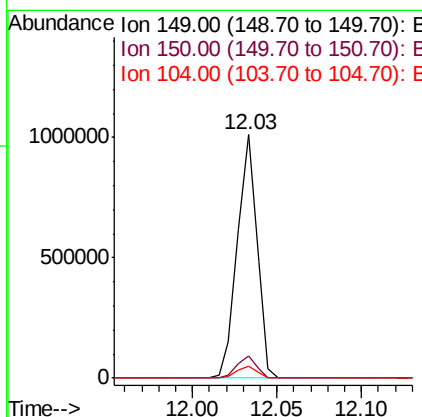
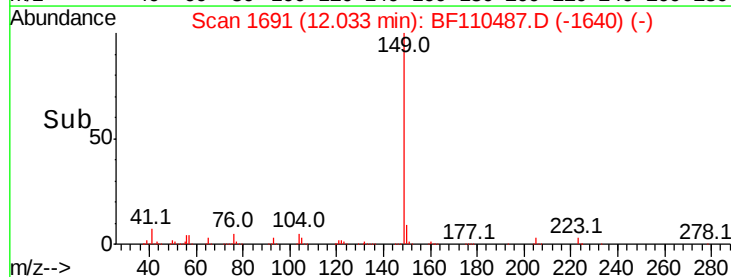
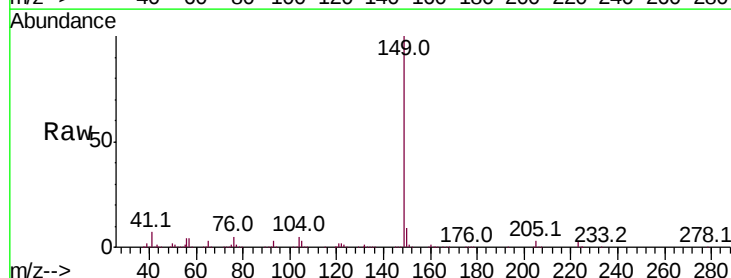
Manual Integrations
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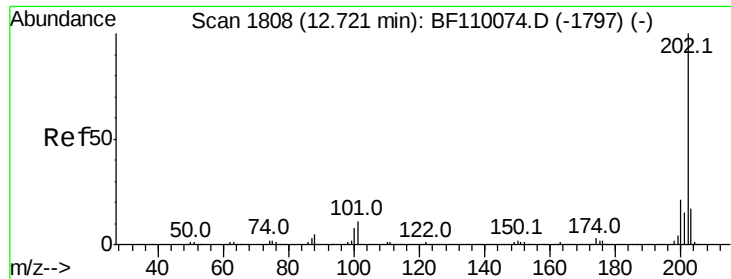
Sohil
 11/6/2018 9:01:23 AM



#74
 Di-n-butylphthalate
 Concen: 54.312 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.2	6.4





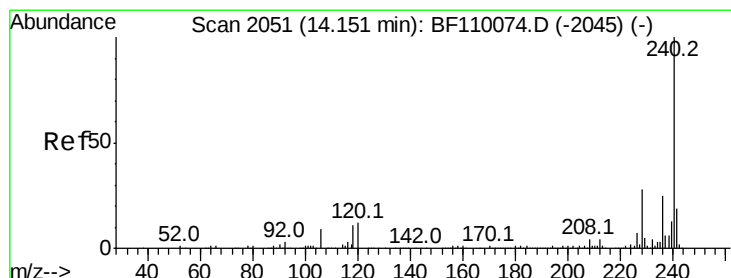
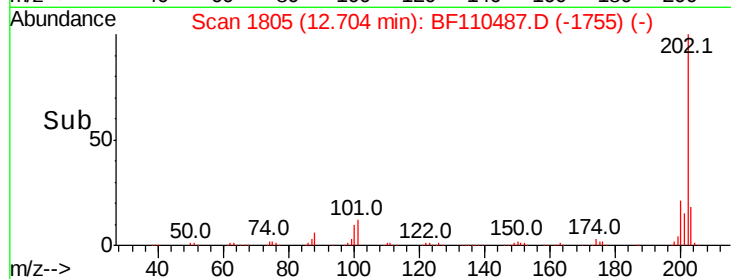
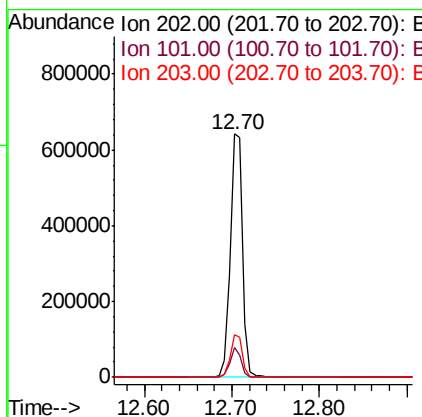
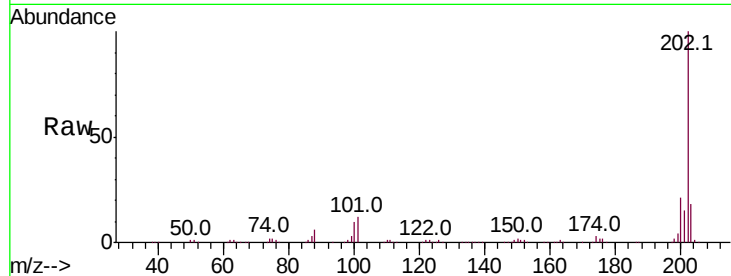
#75
 Fluoranthene
 Concen: 44.699 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	0.0	31.4
203	17.8	0.0	37.7

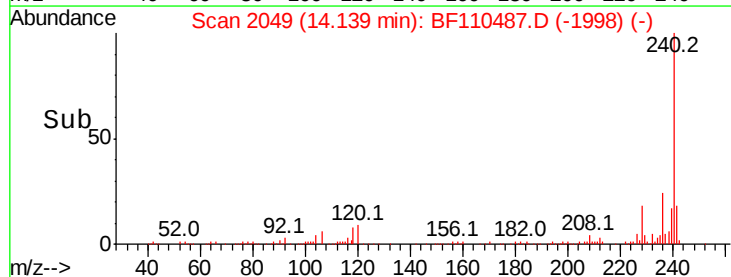
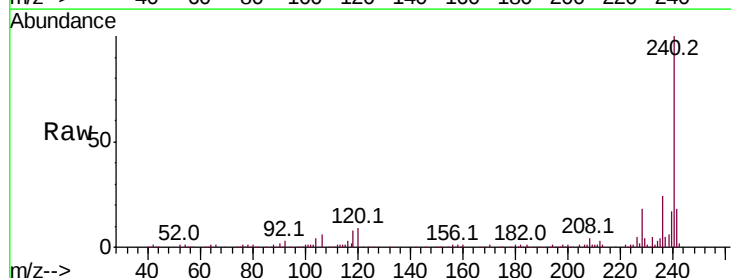
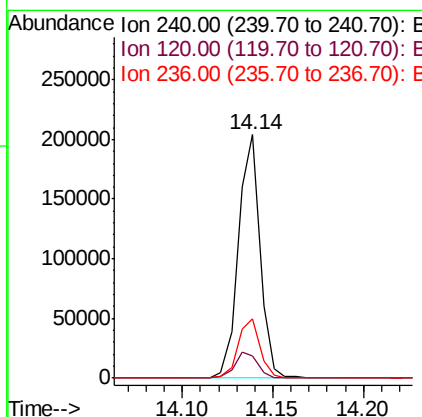
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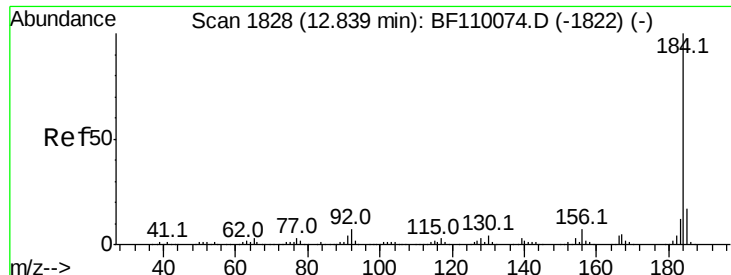
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BF110487.D
 Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.3	8.3	12.5
236	24.2	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

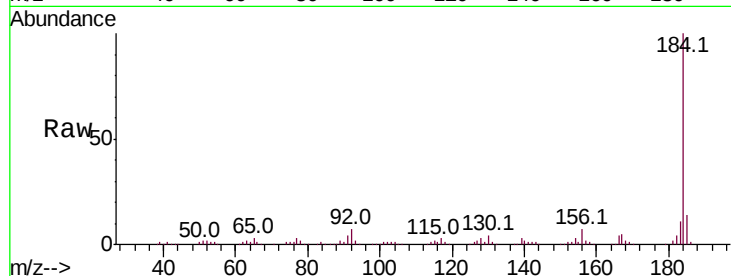
ClientSampleId :

PB114474BS

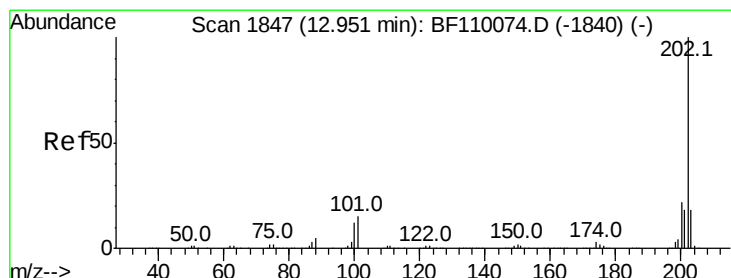
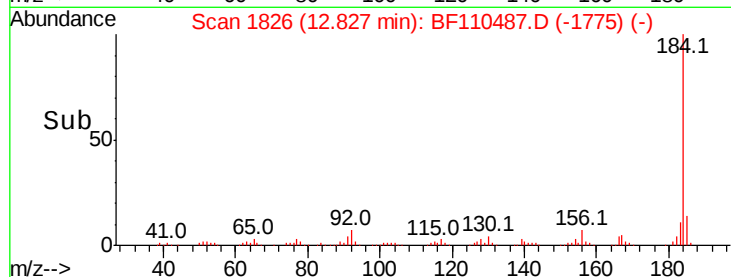
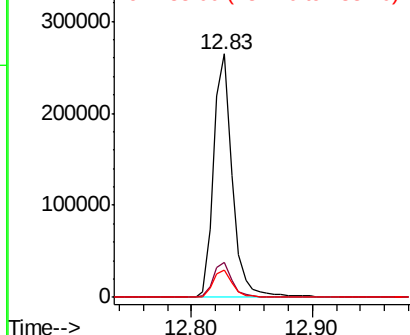
Tot Ion:	184	Resp:	281467
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.2
183	11.4	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.582 ng

RT: 12.94 min Scan# 1845

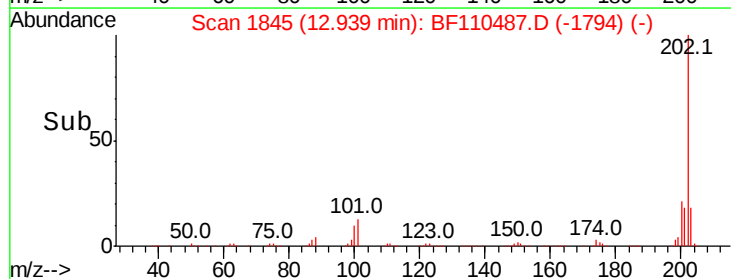
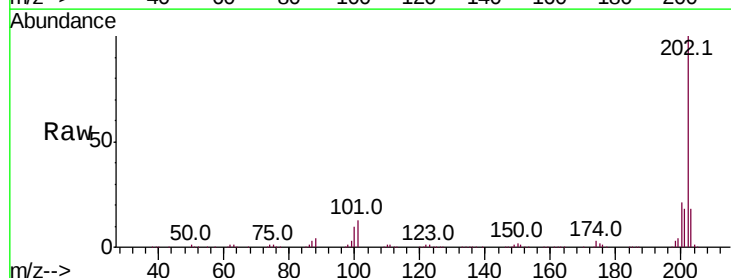
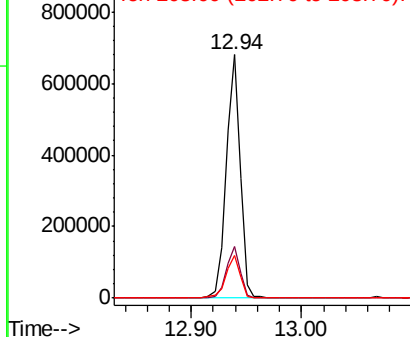
Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	202	Resp:	603042
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.6	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.395 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

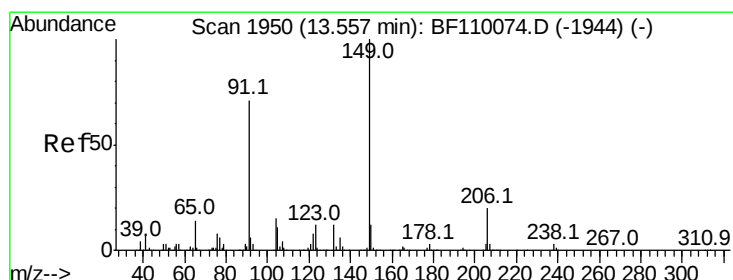
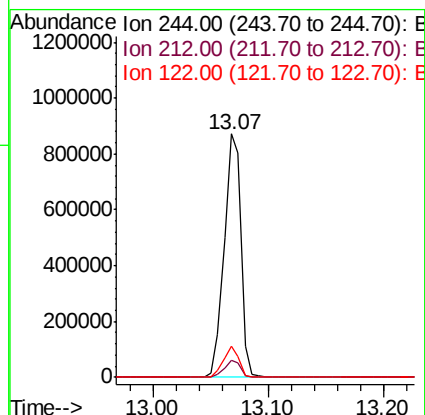
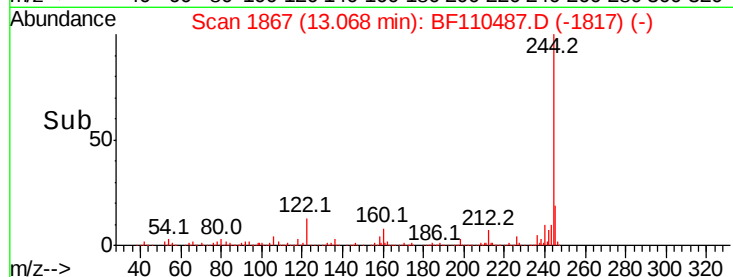
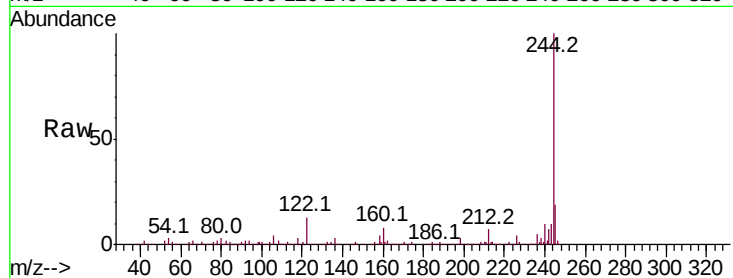
ClientSampleId :

PB114474BS

Tot Ion:	244	Resp:	876062
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.6	8.7	13.1

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#80

Butylbenzylphthalate

Concen: 53.678 ng

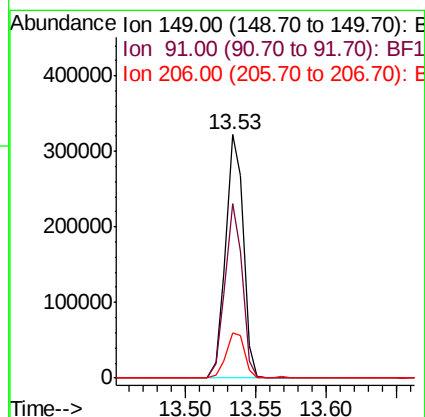
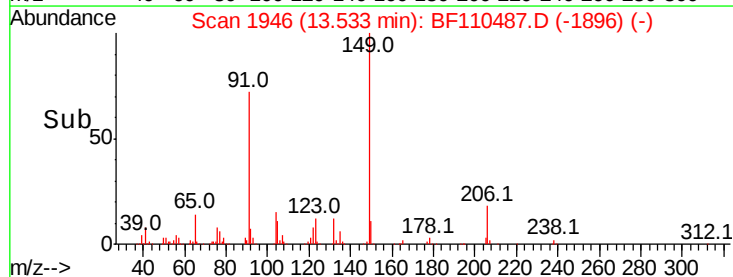
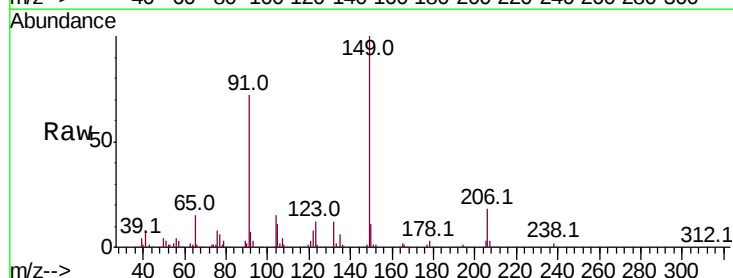
RT: 13.53 min Scan# 1946

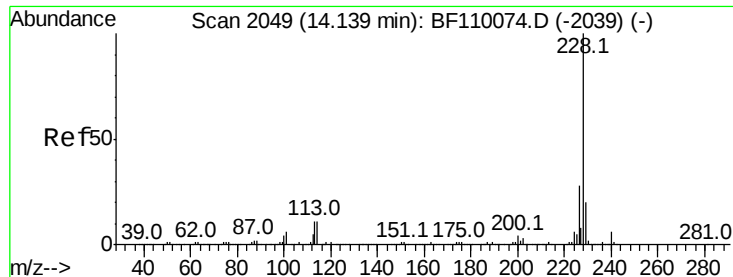
Delta R.T. -0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	149	Resp:	283365
Ion Ratio		Lower	Upper
149	100		
91	71.8	57.2	85.8
206	18.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 51.403 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

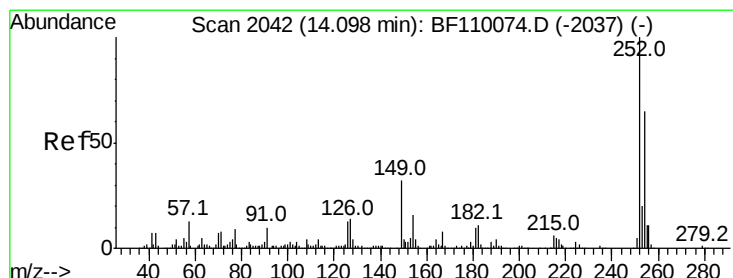
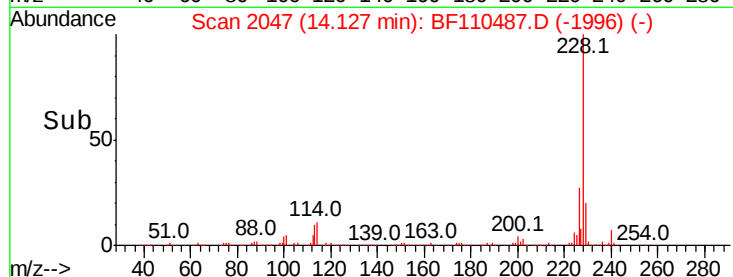
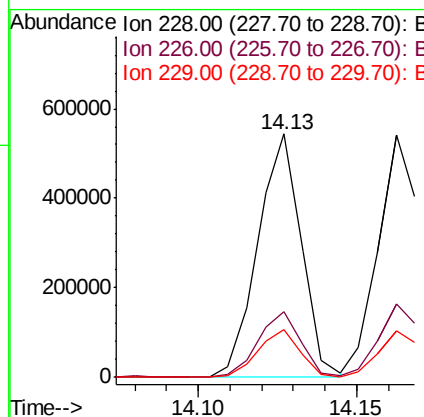
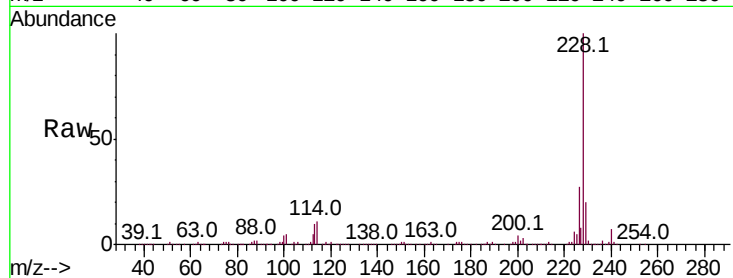
ClientSampleId :

PB114474BS

Tot Ion:	228	Resp:	517145
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.1	33.1
229	19.8	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 35.961 ng

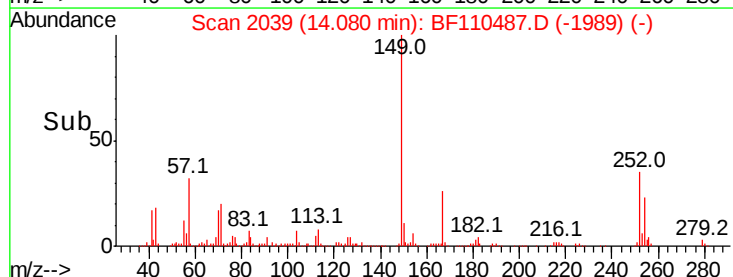
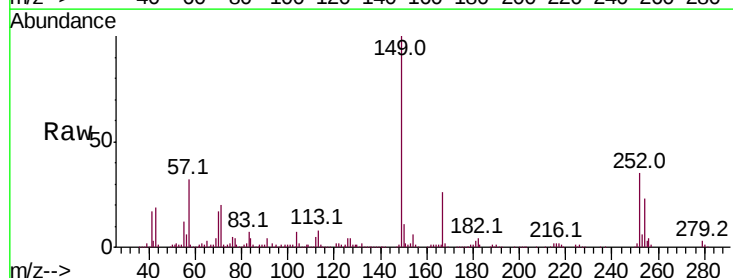
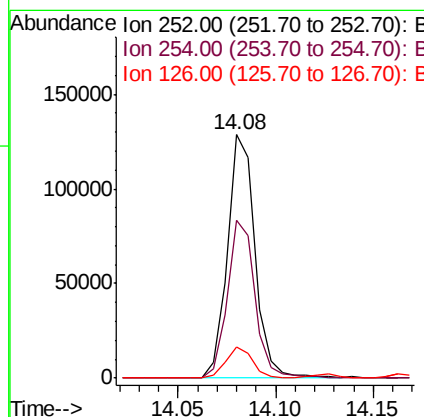
RT: 14.08 min Scan# 2039

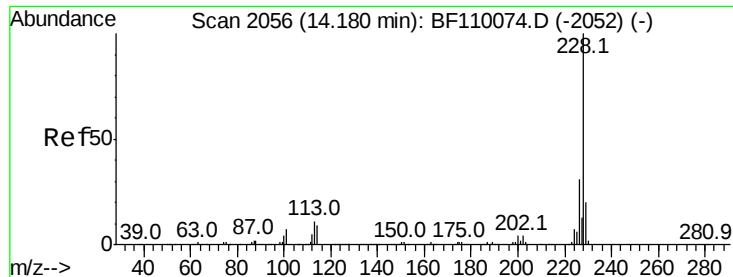
Delta R.T. -0.01 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Tgt Ion:	252	Resp:	125982
Ion Ratio	Lower	Upper	
252	100		
254	64.8	51.3	76.9
126	12.6	9.4	14.2





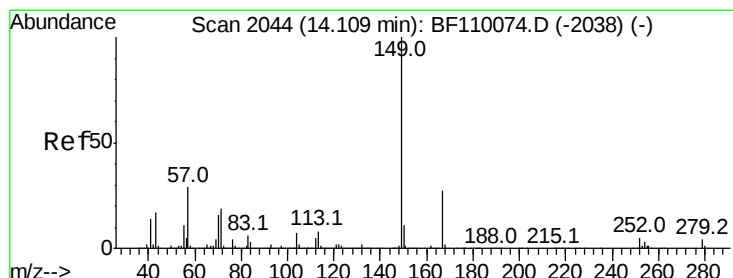
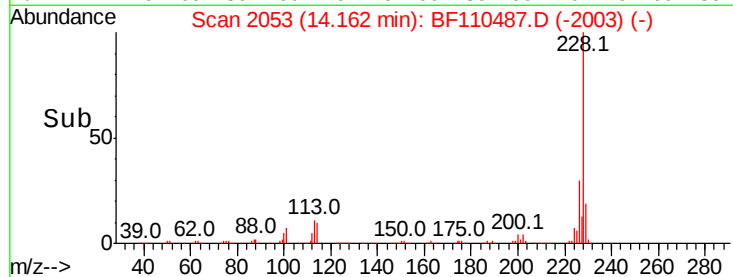
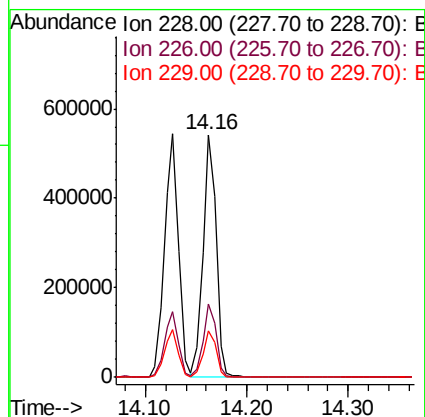
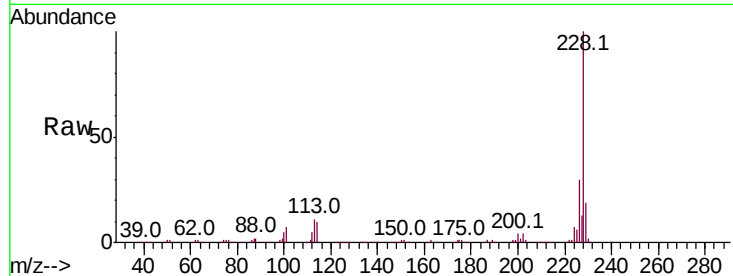
#83
Chrysene
Concen: 51.236 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.4	15.9	23.9

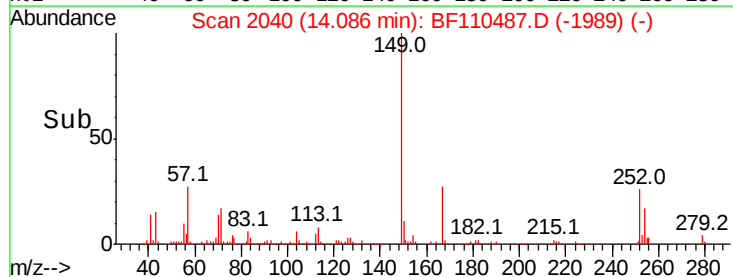
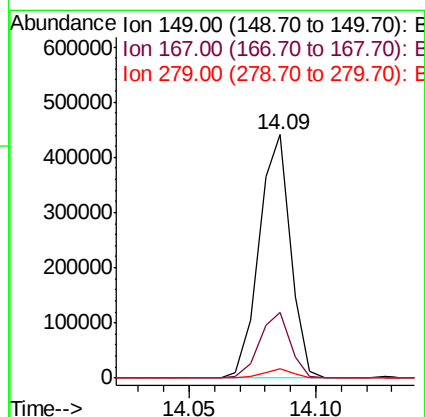
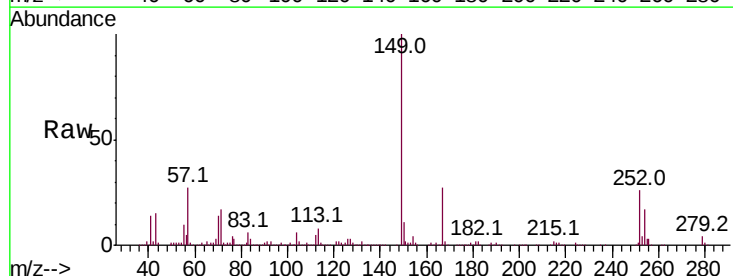
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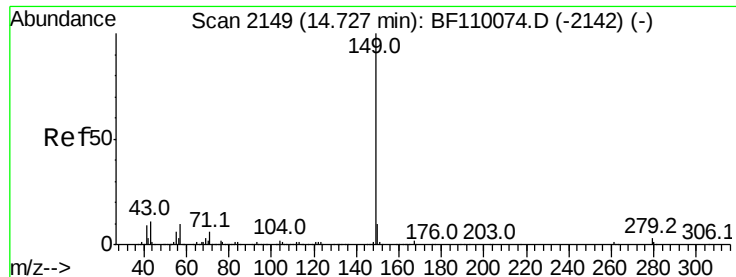
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.508 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.7	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 56.594 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BF110487.D

Acq: 6 Nov 2018 2:13

Instrument :

BNA_F

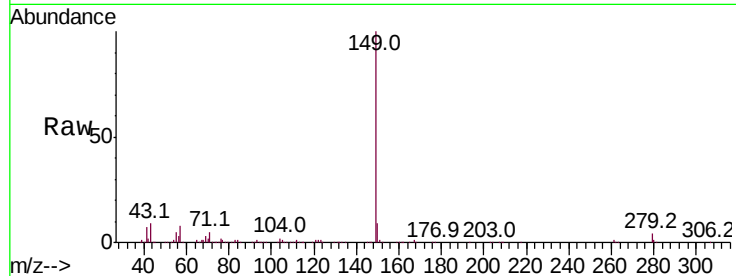
ClientSampleId :

PB114474BS

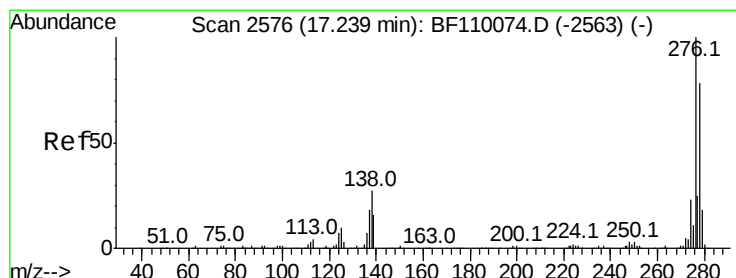
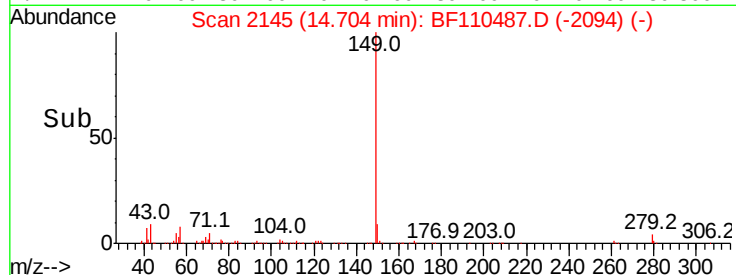
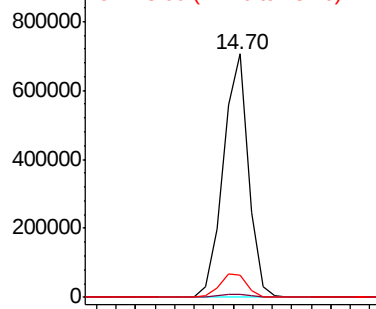
Tot Ion:	149	Resp:	627979
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.2	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.663 ng

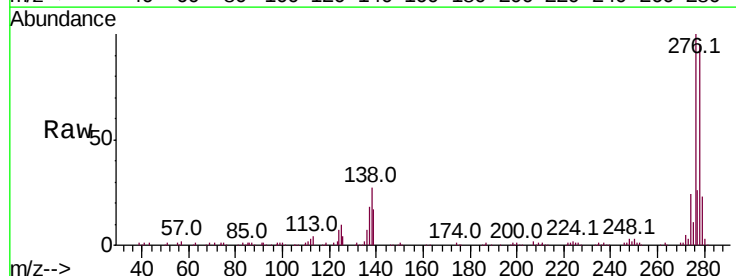
RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

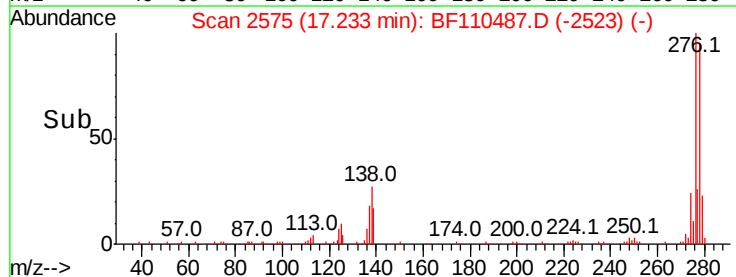
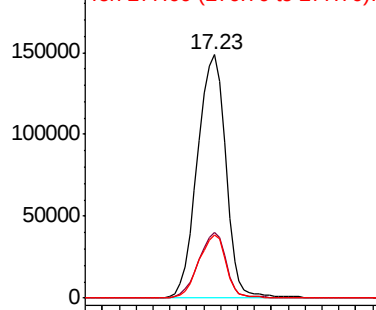
Lab File: BF110487.D

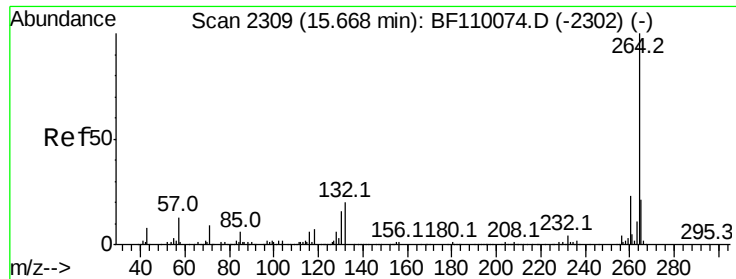
Acq: 6 Nov 2018 2:13

Tgt Ion:	276	Resp:	346127
Ion Ratio	Lower	Upper	
276	100		
138	26.0	18.5	27.7
277	25.0	20.0	30.0



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





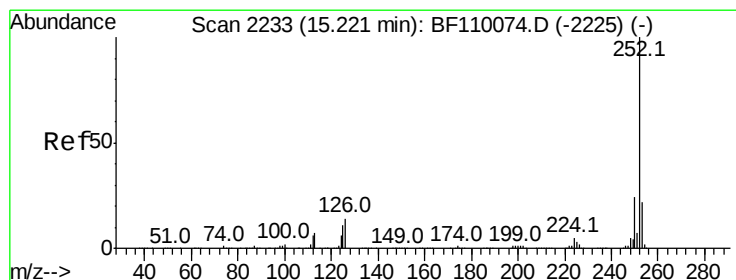
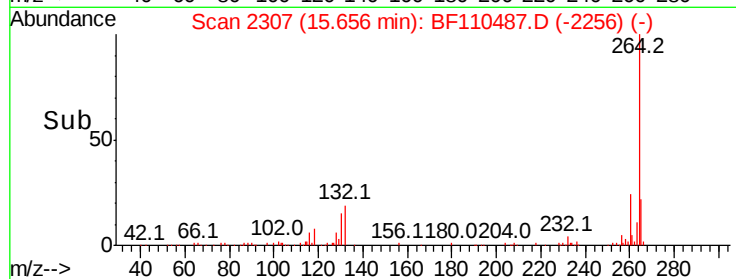
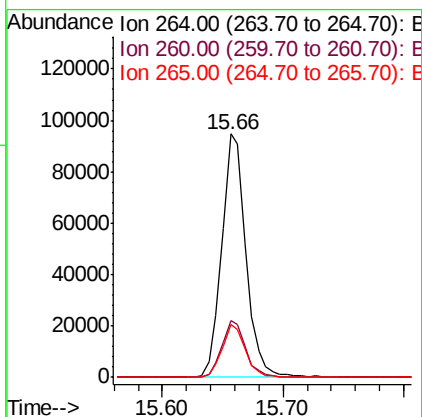
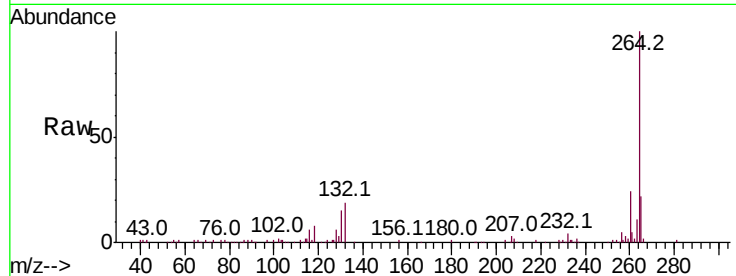
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	16.7	25.1

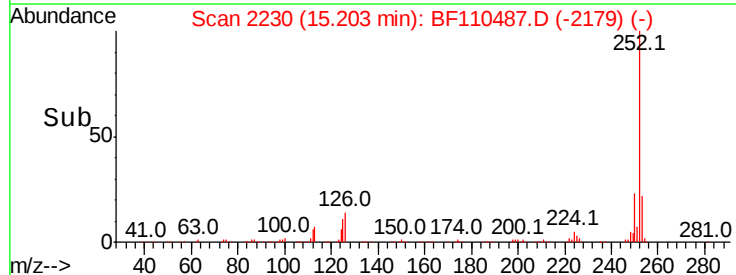
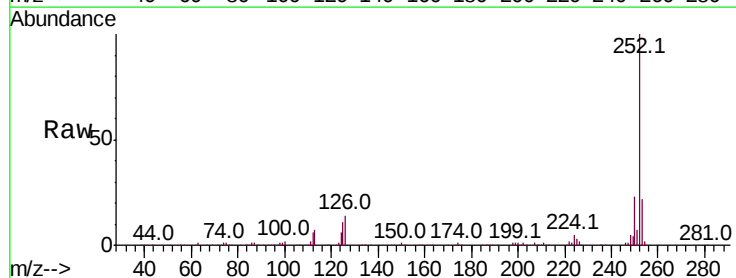
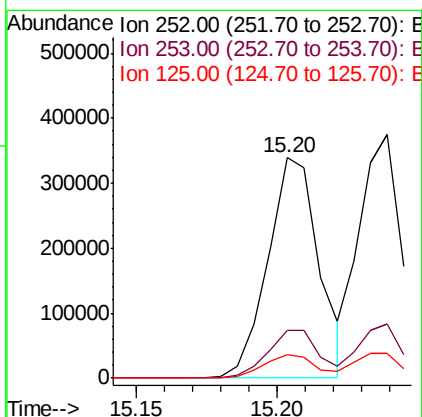
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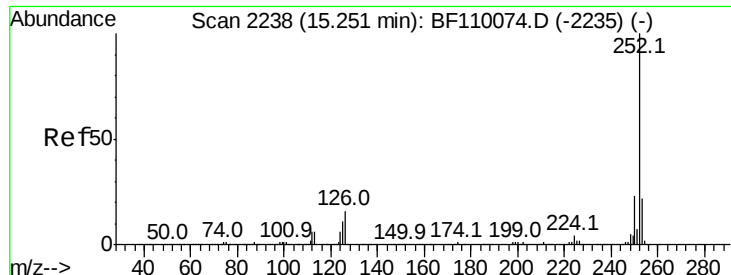
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#88
Benzo(b)fluoranthene
Concen: 56.369 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.8	8.2	12.4





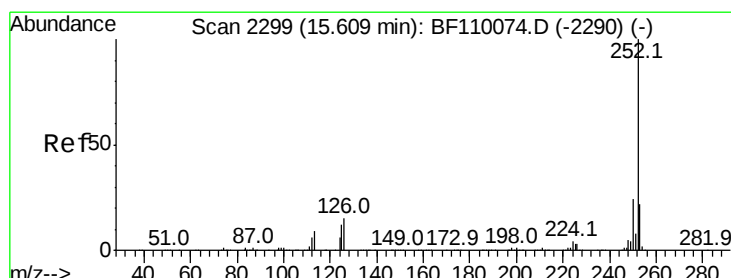
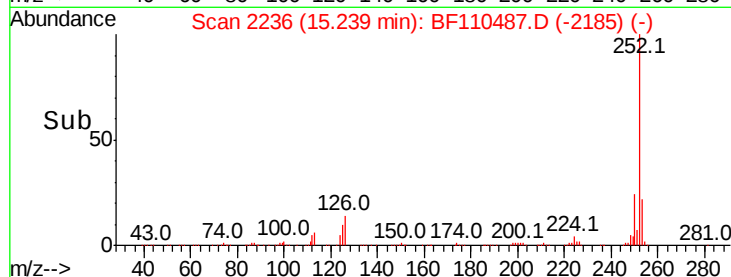
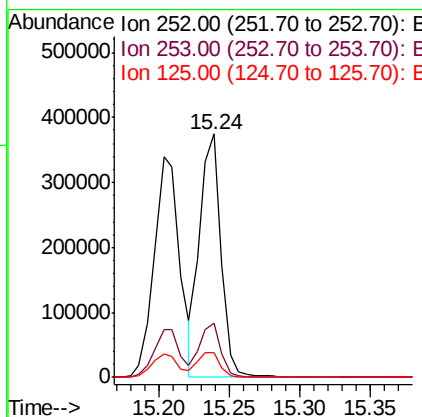
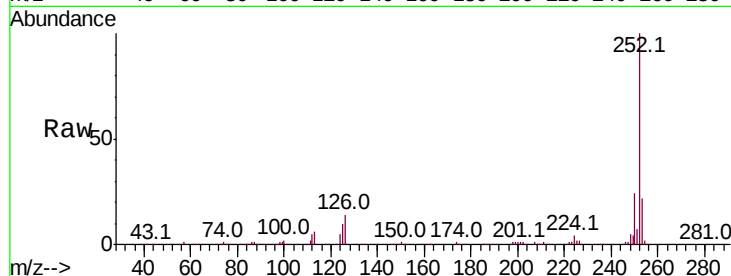
#89
Benzo(k)fluoranthene
Concen: 52.886 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.1	7.4	11.0

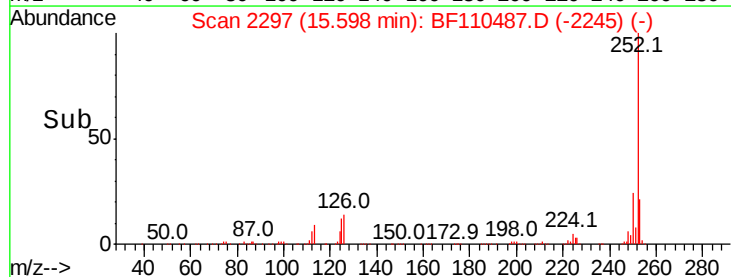
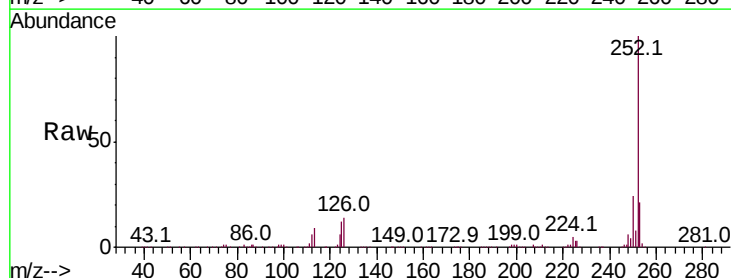
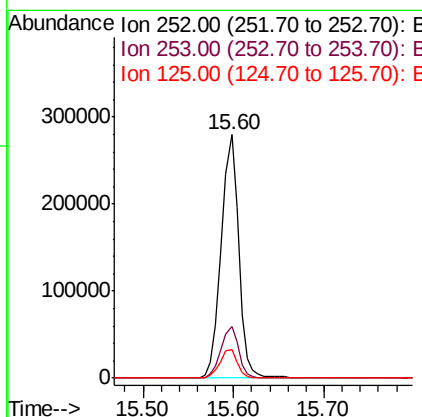
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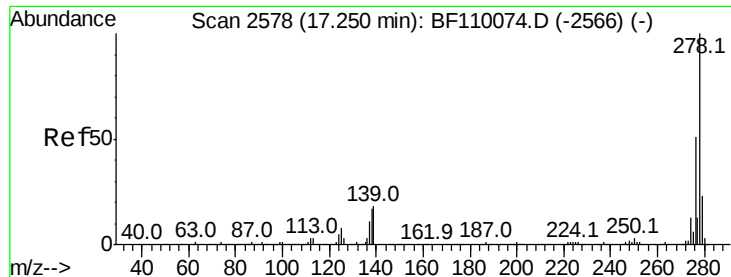
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#90
Benzo(a)pyrene
Concen: 53.576 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	11.7	9.0	13.6





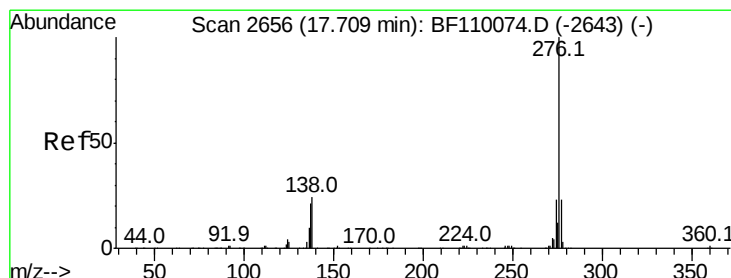
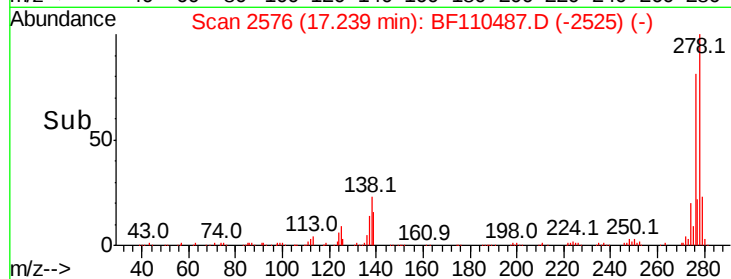
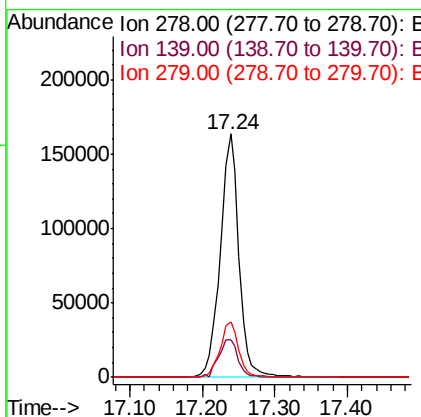
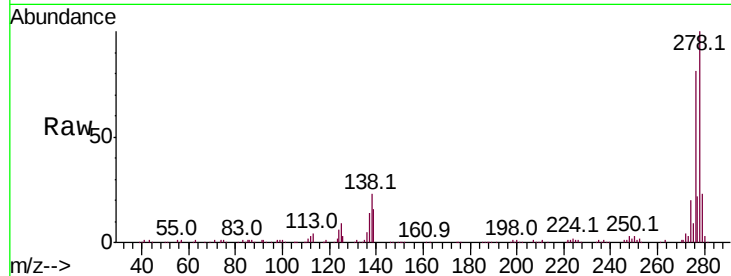
#91
Dibenzo(a,h)anthracene
Concen: 48.882 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	22.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/6/2018 9:01:23 AM



#92
Benzo(g,h,i)perylene
Concen: 46.931 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BF110487.D
Acq: 6 Nov 2018 2:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	21.3	16.0	24.0

