

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110883.D
 Acq On : 20 Nov 2018 5:44
 Operator : JU/SJ
 Sample : PB114909BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Manual Integrations
 APPROVED

Sohil
 11/20/2018 11:07:58 AM

Quant Time: Nov 20 06:39:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53359	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	218519	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	91488	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	148539	20.00	ng	0.00
76) Chrysene-d12	14.13	240	120390	20.00	ng	0.00
87) Perylene-d12	15.66	264	79106	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	322524	98.18	ng	0.00
7) Phenol-d6	6.57	99	392711	93.49	ng	0.00
23) Nitrobenzene-d5	7.51	82	359283	94.69	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78318	84.96	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	657959	102.71	ng	0.00
79) Terphenyl-d14	13.06	244	481477	74.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	49619	30.315	ng	88
3) Pyridine	3.60	79	140312	39.715	ng	# 82
4) n-Nitrosodimethylamine	3.56	42	74729	49.296	ng	85
6) Aniline	6.61	93	89697	16.374	ng	# 57
8) 2-Chlorophenol	6.73	128	170267	44.214	ng	99
9) Benzaldehyde	6.50	77	74233	31.005	ng	100
10) Phenol	6.59	94	199071	40.869	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	152120	41.672	ng	94
12) 1,3-Dichlorobenzene	6.88	146	174745	41.472	ng	98
13) 1,4-Dichlorobenzene	6.96	146	178245	41.658	ng	98
14) 1,2-Dichlorobenzene	7.11	146	166204	41.756	ng	98
15) Benzyl Alcohol	7.09	79	140113	42.622	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	236075	41.181	ng	73
17) 2-Methylphenol	7.19	107	131383	42.868	ng	# 84
18) Hexachloroethane	7.45	117	55856	35.361	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	113610	42.369	ng	94
20) 3+4-Methylphenols	7.35	107	168576m	42.847	ng	
22) Acetophenone	7.35	105	229259	45.017	ng	# 92
24) Nitrobenzene	7.53	77	173249	44.564	ng	98
25) Isophorone	7.76	82	299438	48.148	ng	95
26) 2-Nitrophenol	7.85	139	77220	39.816	ng	94
27) 2,4-Dimethylphenol	7.87	122	148010	50.110	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	189723	45.057	ng	100
29) 2,4-Dichlorophenol	8.09	162	133873	44.049	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	146506	42.755	ng	96
31) Naphthalene	8.25	128	471501	45.963	ng	99
32) Benzoic acid	8.00	122	64846	31.029	ng	92
33) 4-Chloroaniline	8.30	127	42743	9.199	ng	97
34) Hexachlorobutadiene	8.35	225	80587	41.174	ng	99
35) Caprolactam	8.67	113	41304	40.678	ng	# 85
36) 4-Chloro-3-methylphenol	8.78	107	141249	43.093	ng	98
37) 2-Methylnaphthalene	8.94	142	313131	46.564	ng	99
38) 1-Methylnaphthalene	9.04	142	291973	45.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	132553	45.772	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	1370	8.721	nq	86
43) 2,4,6-Trichlorophenol	9.22	196	83217	45.728	nq	92
44) 2,4,5-Trichlorophenol	9.27	196	86891	44.762	nq	96
46) 1,1'-Biphenyl	9.40	154	376929	44.165	nq	98
47) 2-Chloronaphthalene	9.43	162	275762	44.850	nq	98
48) 2-Nitroaniline	9.53	65	88277	46.591	nq	96
49) Acenaphthylene	9.85	152	424999	47.996	nq	99
50) Dimethylphthalate	9.69	163	326352	47.806	nq	99
51) 2,6-Dinitrotoluene	9.77	165	66327	44.168	nq	91
52) Acenaphthene	10.02	154	248416	44.392	nq	98
53) 3-Nitroaniline	9.95	138	41252	23.711	nq	96
54) 2,4-Dinitrophenol	10.07	184	6120	14.331	nq	89
55) Dibenzofuran	10.19	168	361409	44.143	nq	98
56) 4-Nitrophenol	10.11	139	79292	68.696	nq	94
57) 2,4-Dinitrotoluene	10.19	165	78560	40.234	nq	94
58) Fluorene	10.53	166	283918	45.148	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	64401	42.172	nq	# 93
60) Diethylphthalate	10.39	149	321686	47.631	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	139890	42.963	nq	96
62) 4-Nitroaniline	10.56	138	57221	32.661	nq	95
63) Azobenzene	10.68	77	278690	42.295	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	5945	7.941	nq	93
66) n-Nitrosodiphenylamine	10.64	169	247752	49.484	nq	98
67) 4-Bromophenyl-phenylether	11.01	248	76512	46.607	nq	# 88
68) Hexachlorobenzene	11.09	284	77065	44.525	nq	# 92
69) Atrazine	11.16	200	78443	51.241	nq	100
70) Pentachlorophenol	11.29	266	58607	63.459	nq	96
71) Phenanthrene	11.50	178	378254	47.532	nq	99
72) Anthracene	11.56	178	392491	48.892	nq	99
73) Carbazole	11.72	167	336603	43.661	nq	99
74) Di-n-butylphthalate	12.02	149	449457	49.715	nq	98
75) Fluoranthene	12.70	202	389914	48.871	nq	99
77) Benzidine	12.82	184	254642	76.914	nq	97
78) Pyrene	12.93	202	396671	42.792	nq	99
80) Butylbenzylphthalate	13.53	149	181943	45.602	nq	95
81) Benzo(a)anthracene	14.12	228	342834	47.643	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	115284	47.825	nq	99
83) Chrysene	14.16	228	323811	47.234	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	245962	49.695	nq	96
85) Di-n-octyl phthalate	14.69	149	441921	60.718	nq	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	210182	42.725	nq	98
88) Benzo(b)fluoranthene	15.21	252	241892	51.114	nq	98
89) Benzo(k)fluoranthene	15.24	252	237421	50.773	nq	98
90) Benzo(a)pyrene	15.60	252	215508	50.121	nq	96
91) Dibenzo(a,h)anthracene	17.25	278	175573	48.252	nq	100
92) Benzo(g,h,i)perylene	17.73	276	171682	47.555	nq	96

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

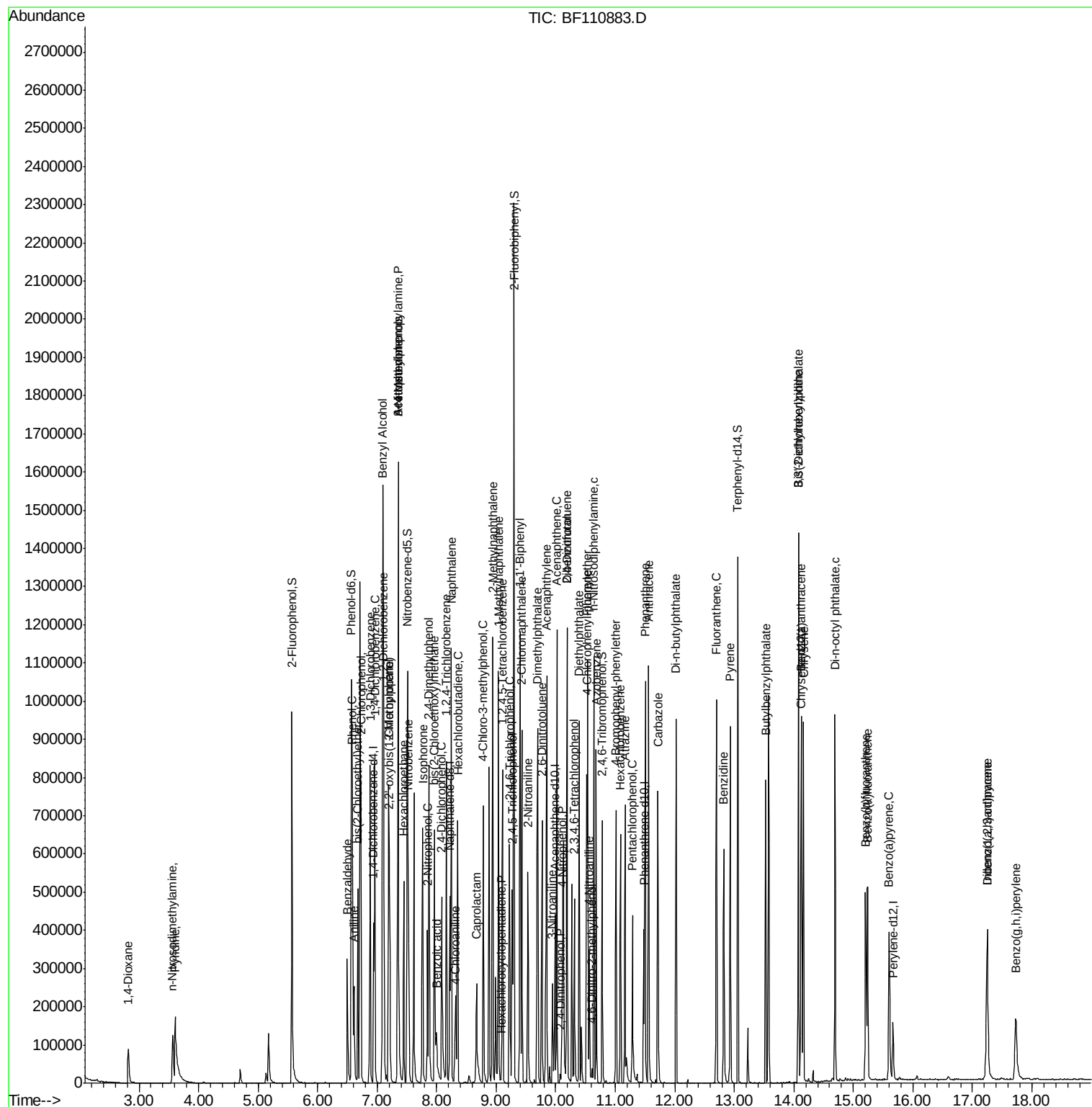
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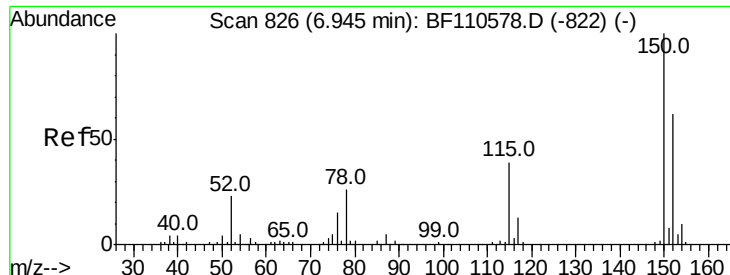
Instrument :
BNA_F
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#1

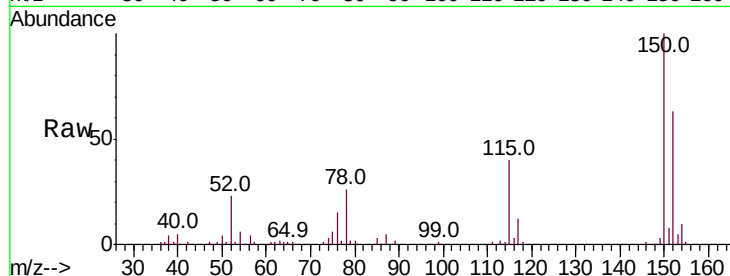
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	63.9	49.1	73.7

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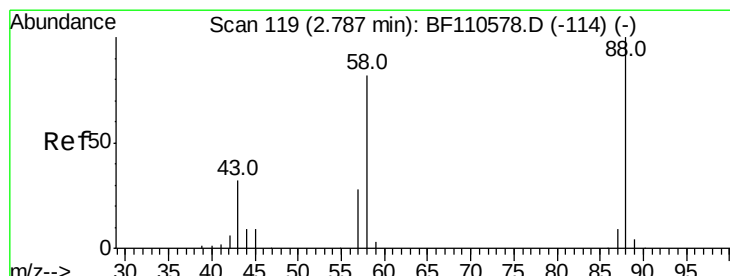
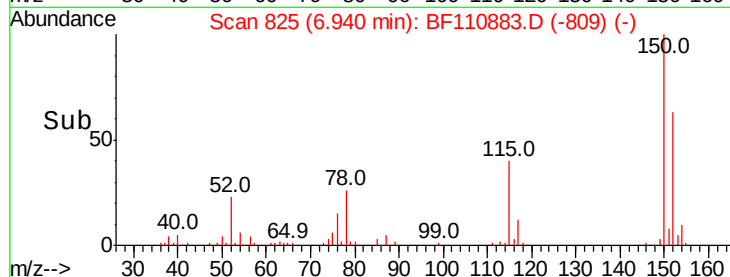
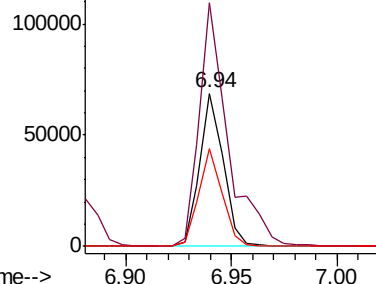


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

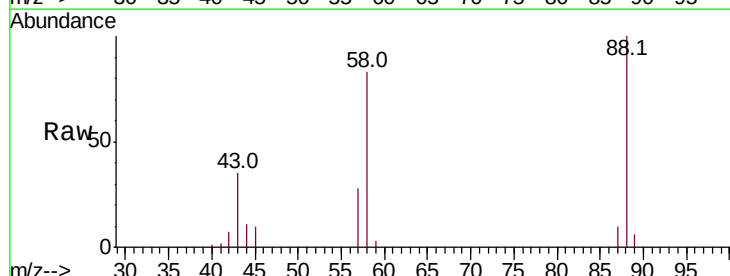
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.315 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.03 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	57.1	85.7
43	33.5	24.1	36.1

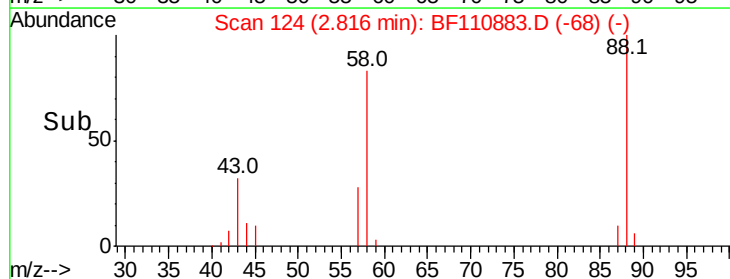
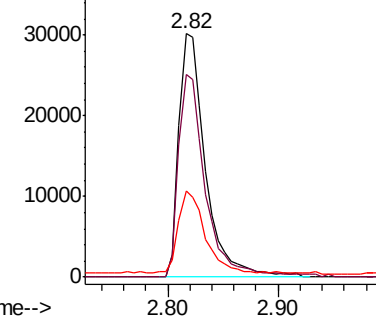


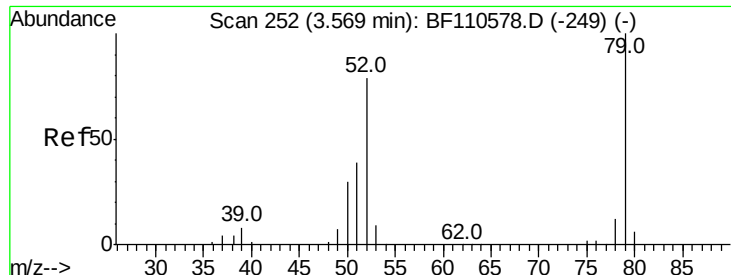
Abundance

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





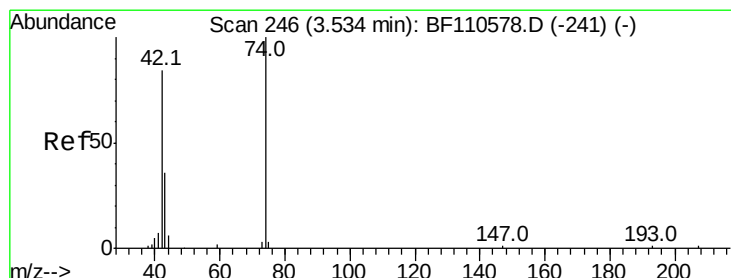
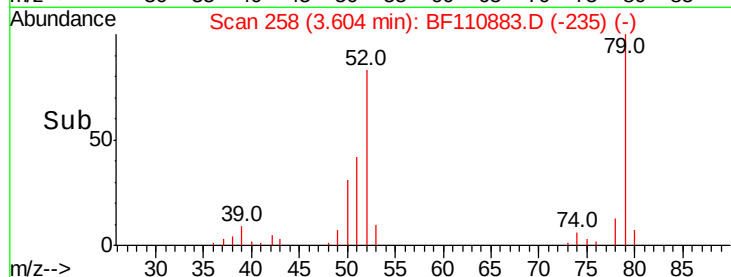
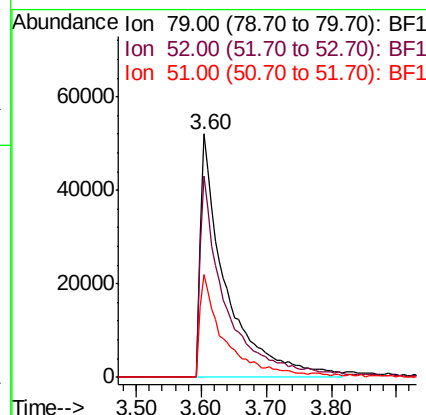
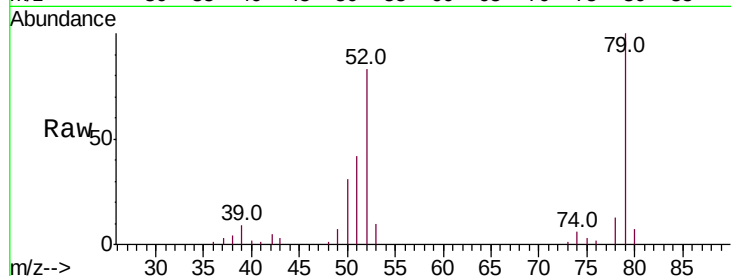
#3
 Pvridine
 Concen: 39.715 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.8	53.1	79.7#
51	42.1	27.4	41.2#

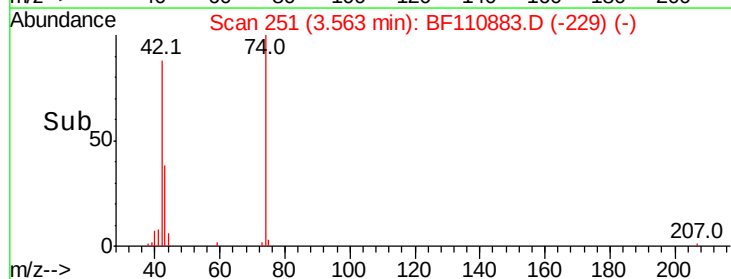
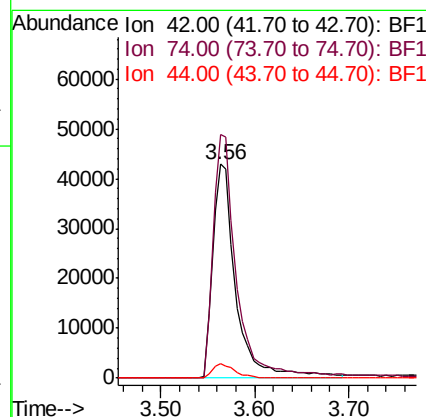
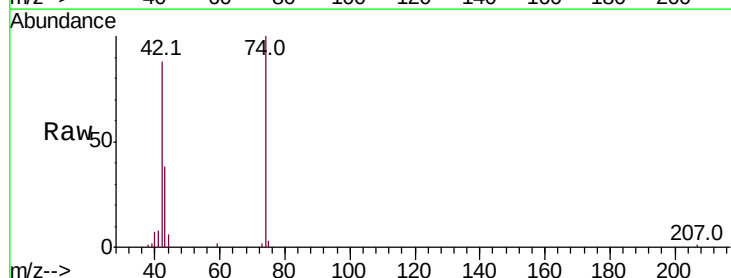
Manual Integrations
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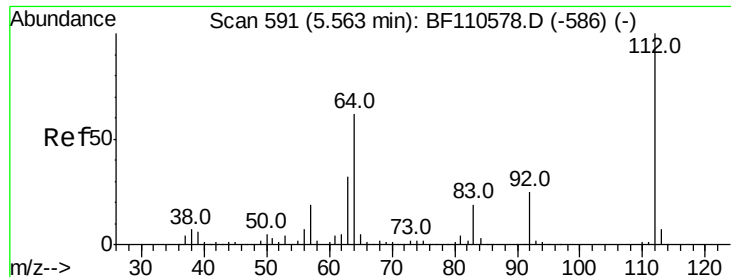
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#4
 n-Nitrosodimethylamine
 Concen: 49.296 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.03 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.8	105.5	158.3
44	6.5	4.9	7.3





#5

2-Fluorophenol

Concen: 98.180 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

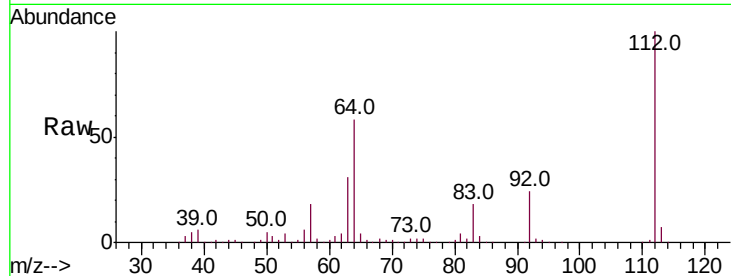
ClientSampleId :

PB114909BSD

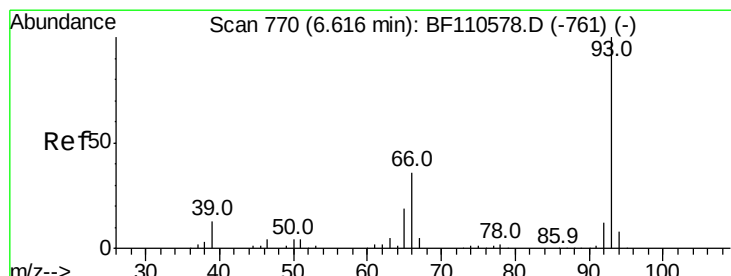
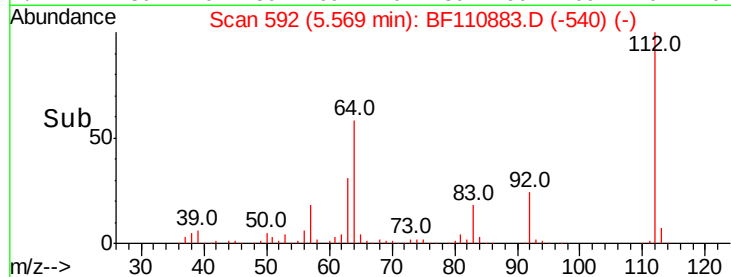
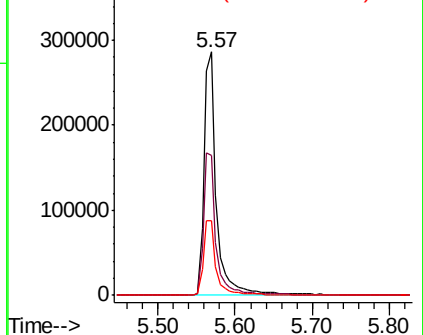
Tot Ion:	112	Resp:	322524
Ion Ratio	Lower	Upper	
112	100		
64	57.6	44.1	66.1
63	30.9	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.374 ng

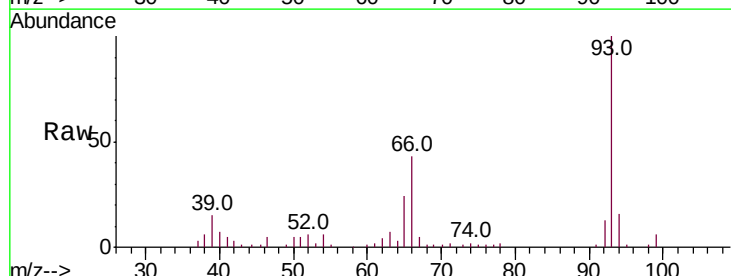
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

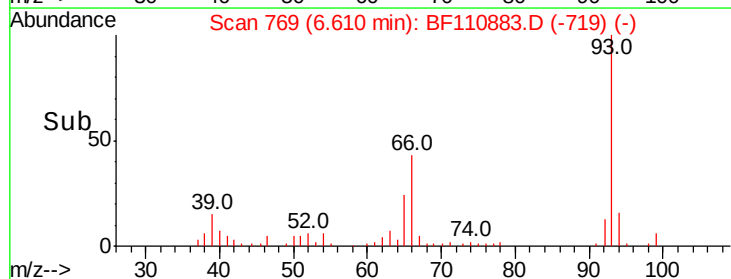
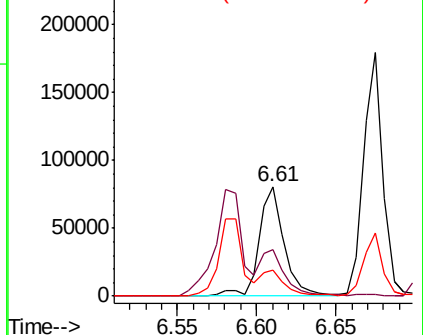
Lab File: BF110883.D

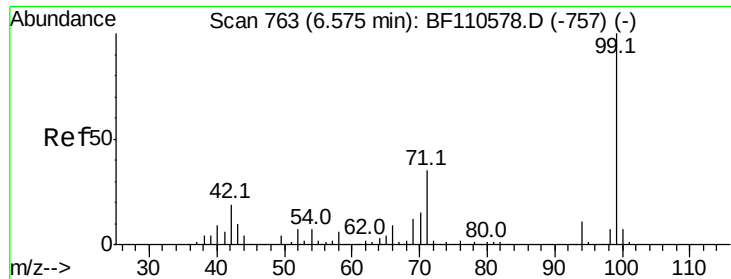
Acq: 20 Nov 2018 5:44

Tgt Ion:	93	Resp:	89697
Ion Ratio	Lower	Upper	
93	100		
66	42.8	67.4	101.0#
65	23.6	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.486 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

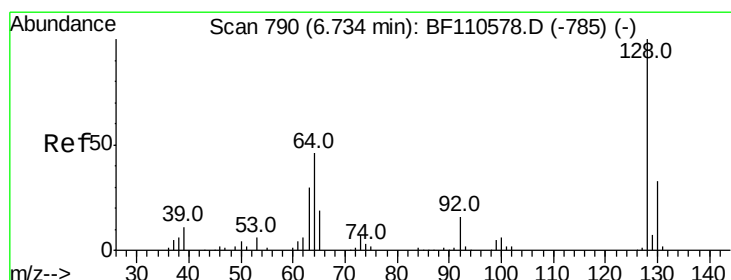
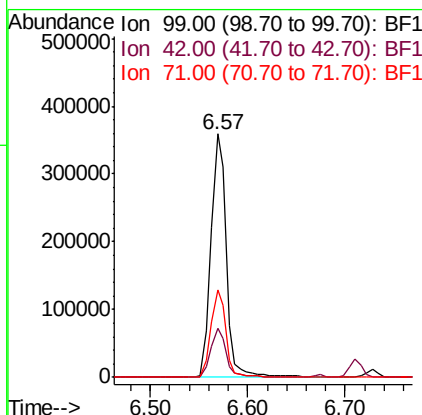
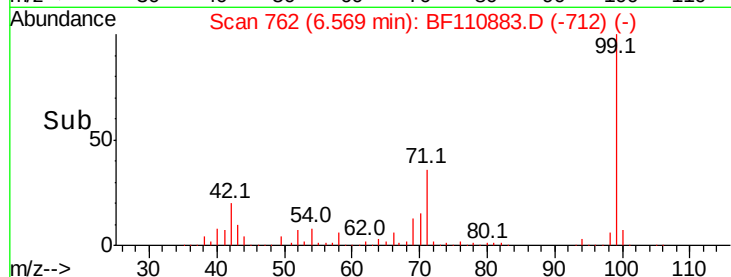
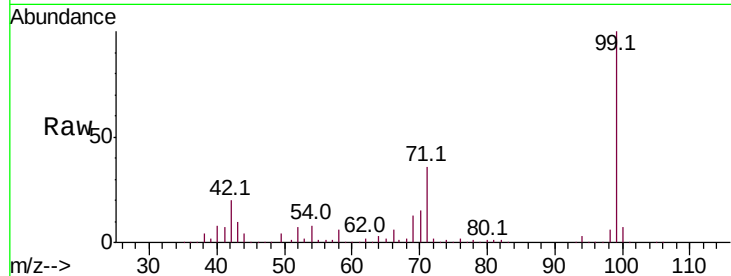
ClientSampleId :

PB114909BSD

Tot Ion	99	Resp	392711
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.8	23.6
71	36.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 44.214 ng

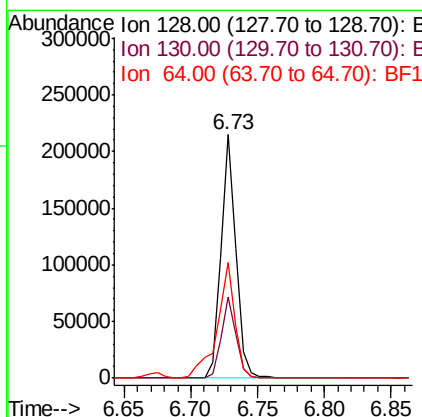
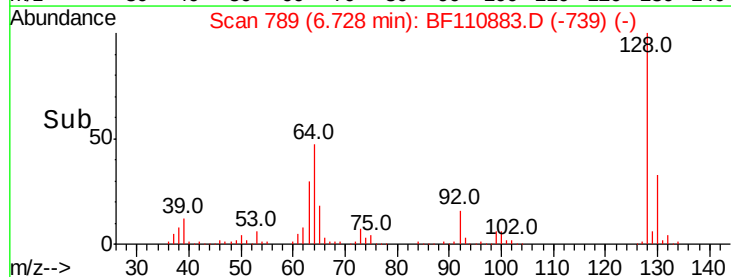
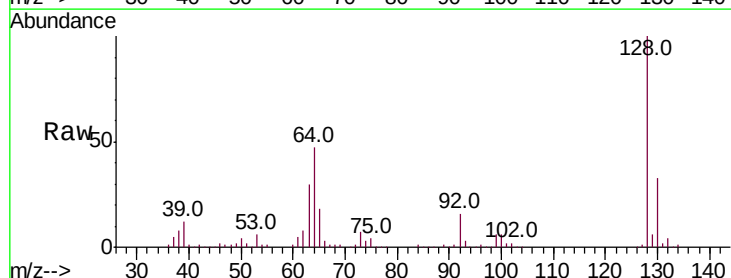
RT: 6.73 min Scan# 789

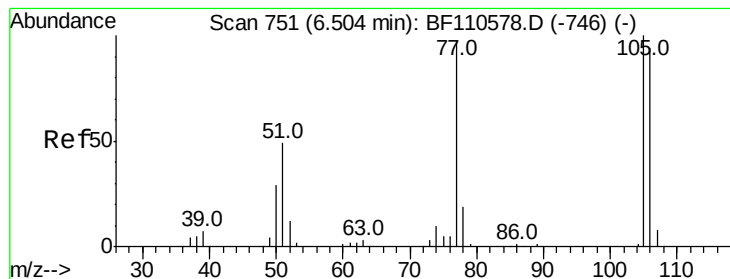
Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Tgt Ion	128	Resp	170267
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.1	53.1
64	47.5	26.0	66.0





#9

Benzaldehyde

Concen: 31.005 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

ClientSampleId :

PB114909BSD

Tot Ion: 77 Resp: 74233

Ion Ratio Lower Upper

77 100

105 98.5 78.6 118.6

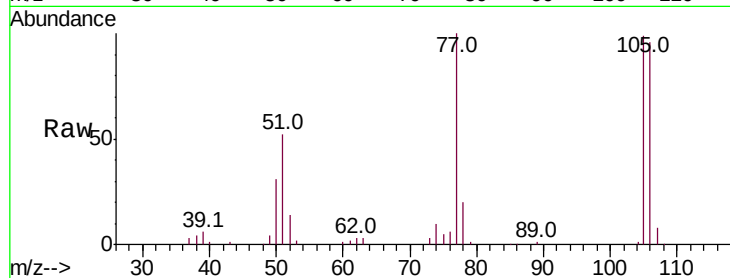
106 95.7 74.8 114.8

Manual Integrations

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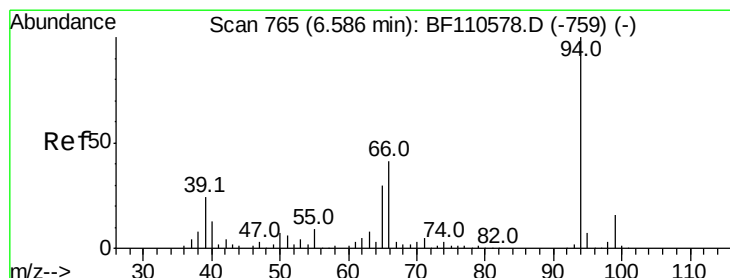
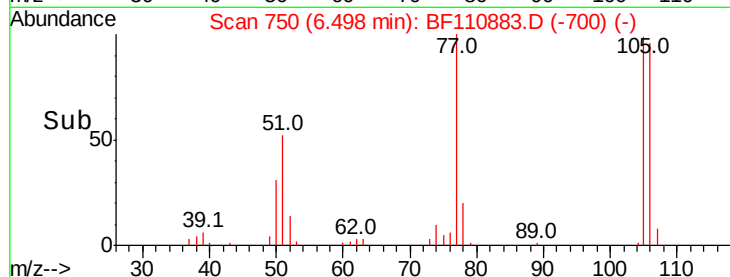
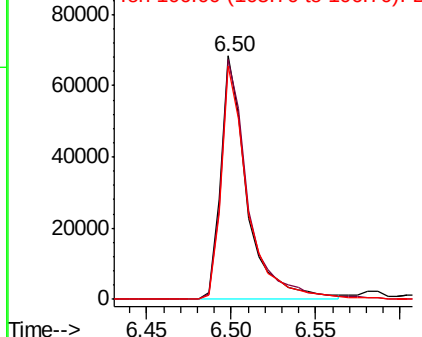
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.869 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

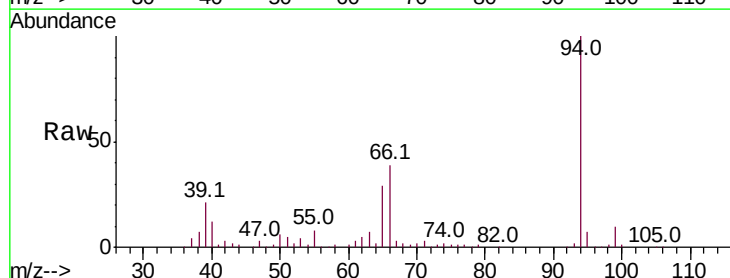
Tgt Ion: 94 Resp: 199071

Ion Ratio Lower Upper

94 100

65 29.4 25.3 65.3

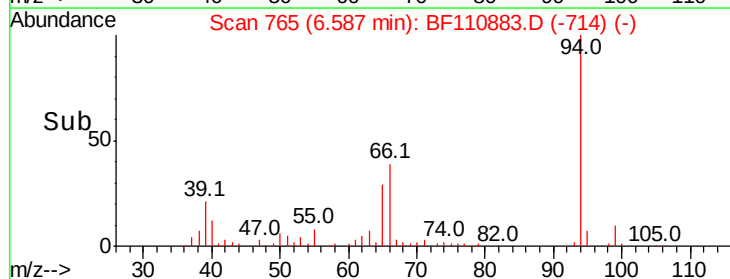
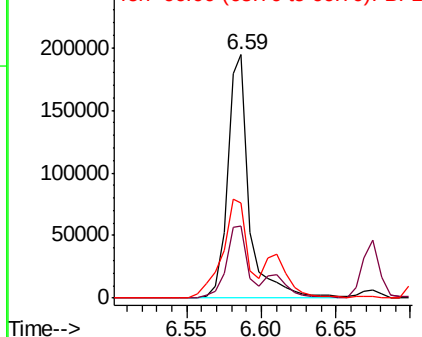
66 38.8 54.5 94.5#

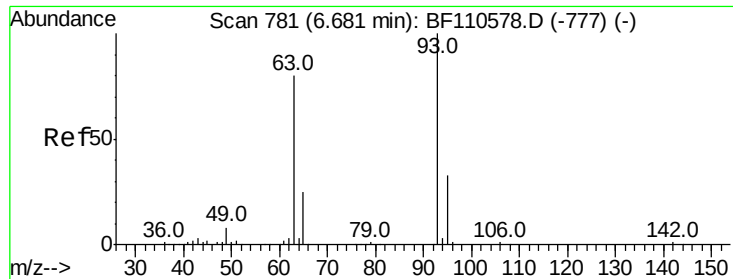


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





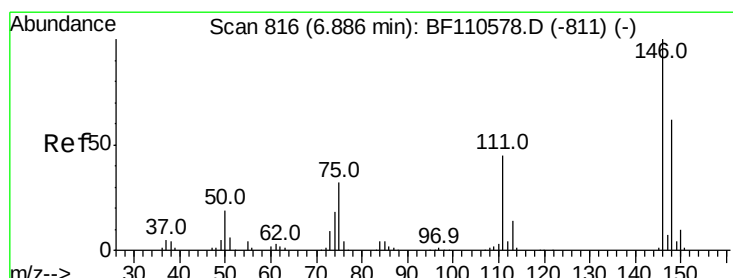
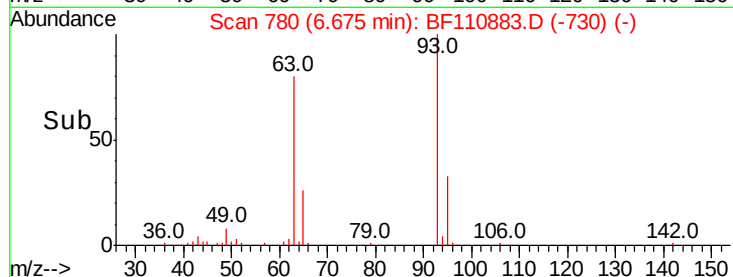
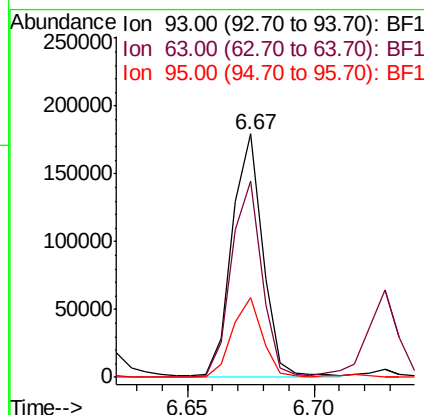
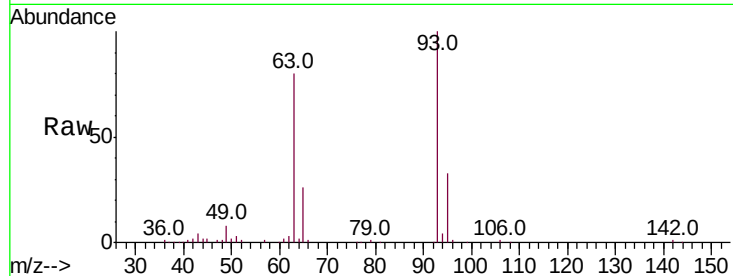
#11
bis(2-Chloroethyl)ether
Concen: 41.672 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion:	93	Resp:	152120
Ion Ratio	Lower	Upper	
93	100		
63	80.4	53.4	93.4
95	32.9	12.1	52.1

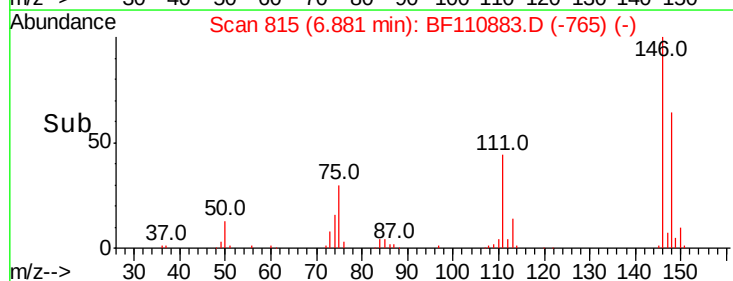
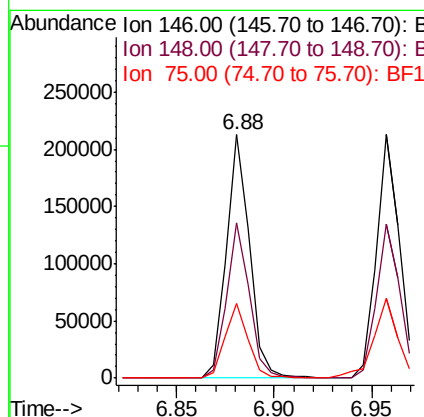
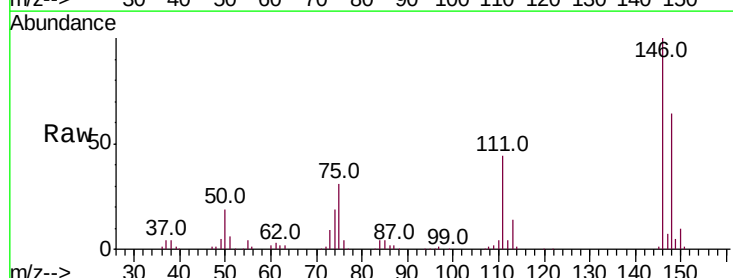
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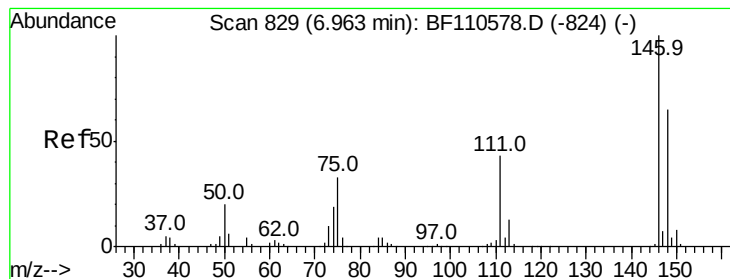
Sohil
11/20/2018 11:07:58 AM



#12
1,3-Dichlorobenzene
Concen: 41.472 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion:	146	Resp:	174745
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
75	30.8	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 41.658 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

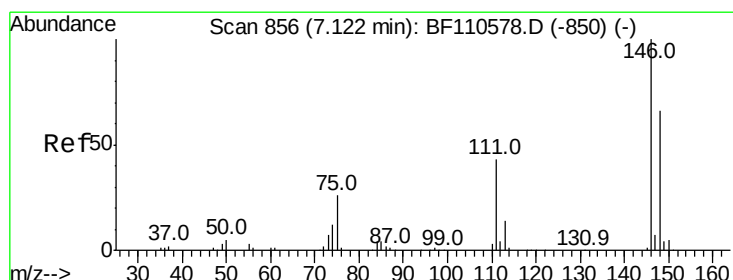
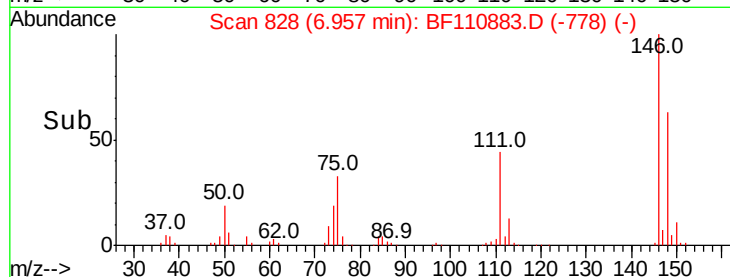
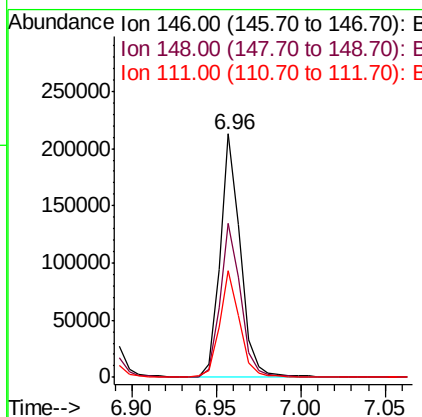
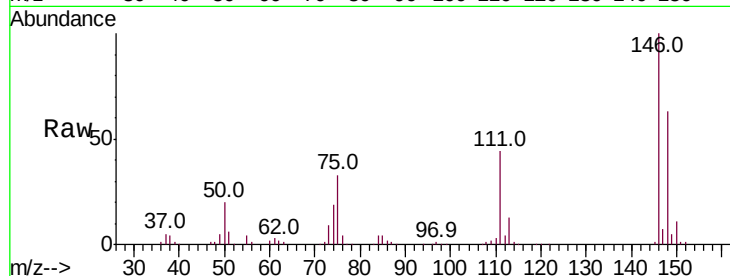
ClientSampleId :

PB114909BSD

Tot Ion:	146	Resp:	178245
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.3	75.5
111	43.9	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 41.756 ng

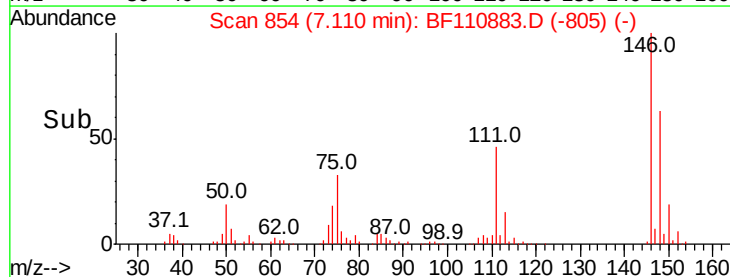
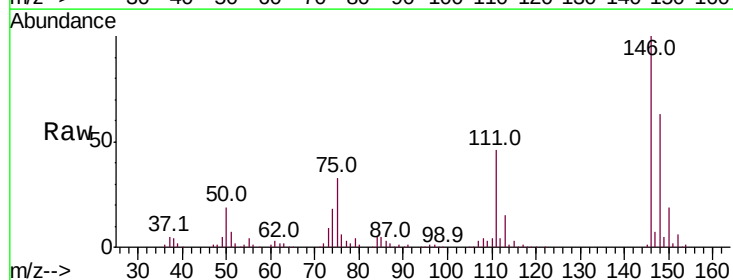
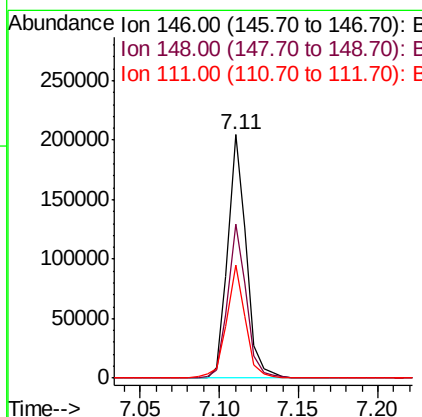
RT: 7.11 min Scan# 854

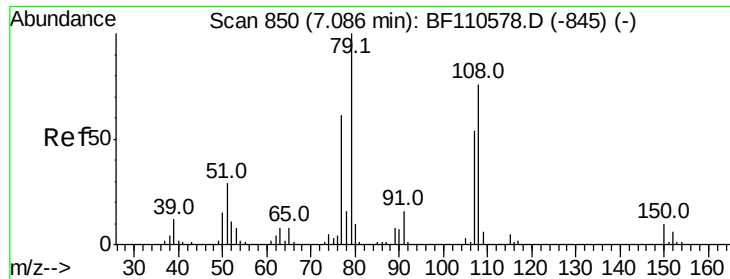
Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Tgt Ion:	146	Resp:	166204
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	46.4	35.8	53.6





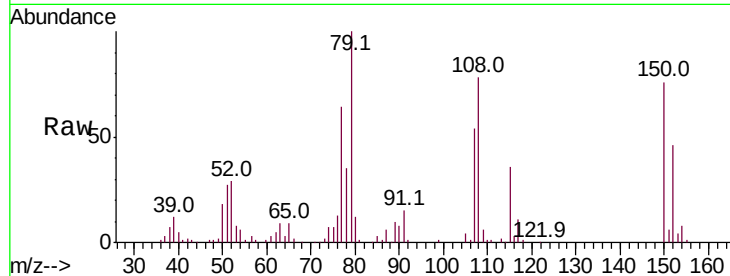
#15
Benzyl Alcohol
Concen: 42.622 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	56.3	84.5
77	64.4	52.9	79.3

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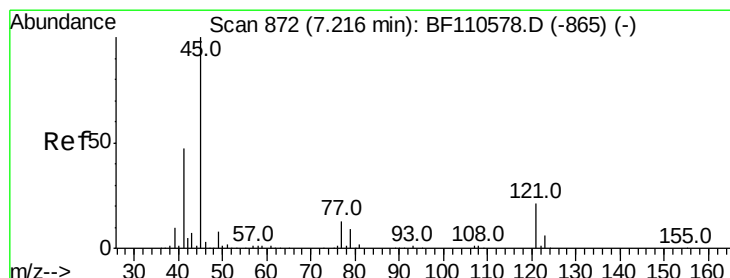
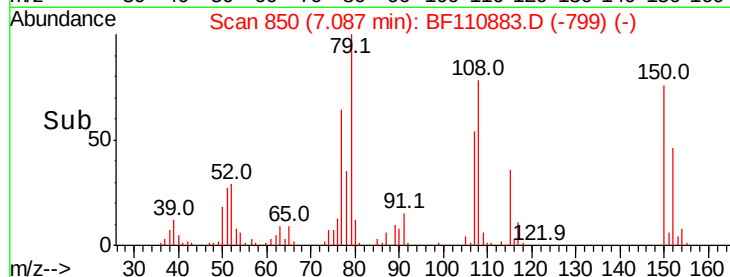
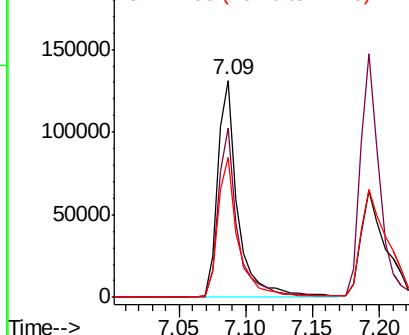


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.181 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

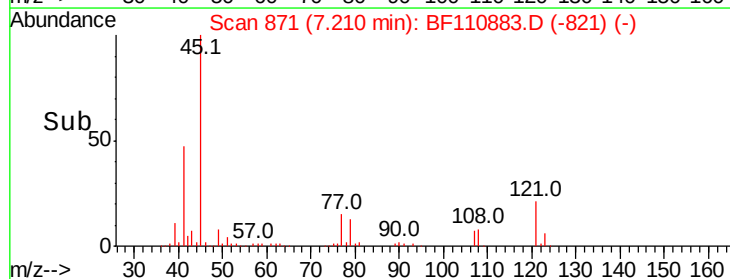
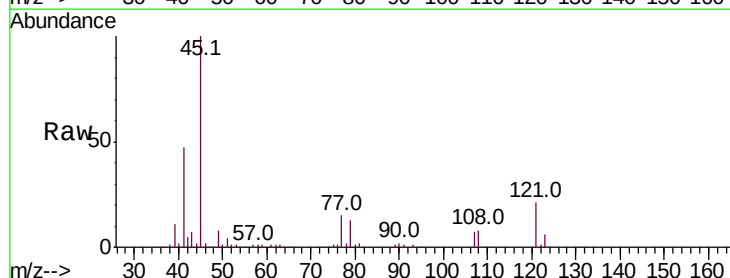
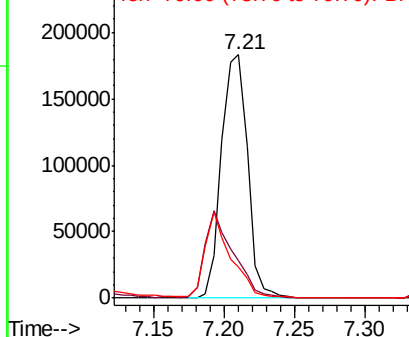
Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	10.0	50.0
79	12.8	6.1	46.1

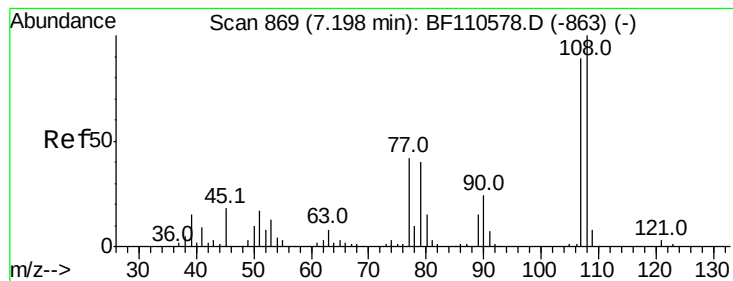
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





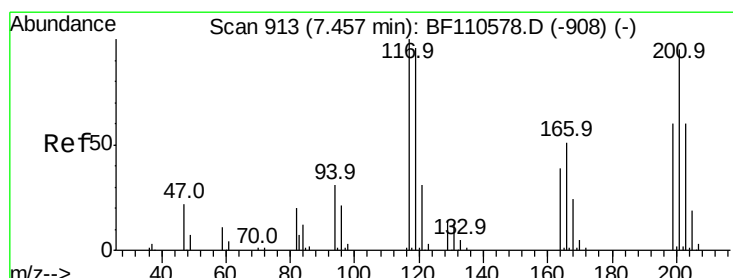
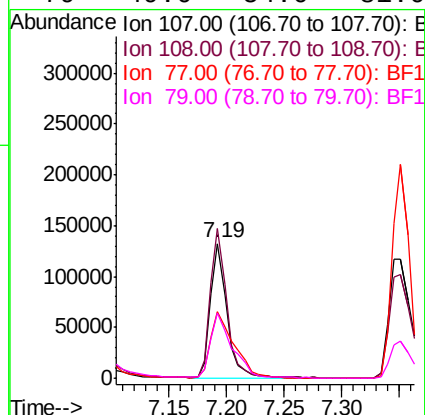
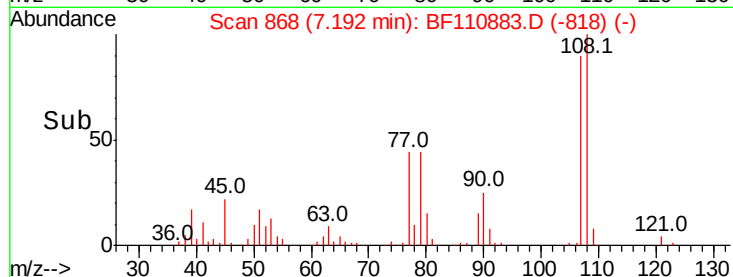
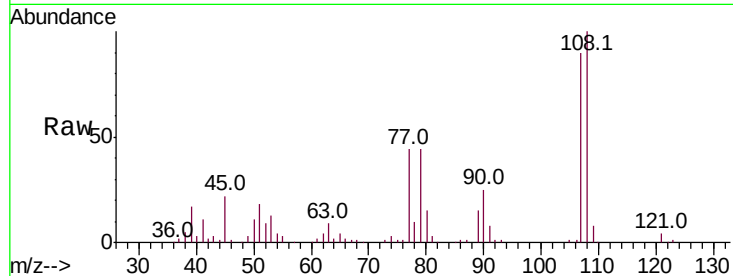
#17
2-Methylphenol
Concen: 42.868 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	92.6	138.8	
77	49.5	59.4	89.2#	
79	49.0	54.0	81.0#	

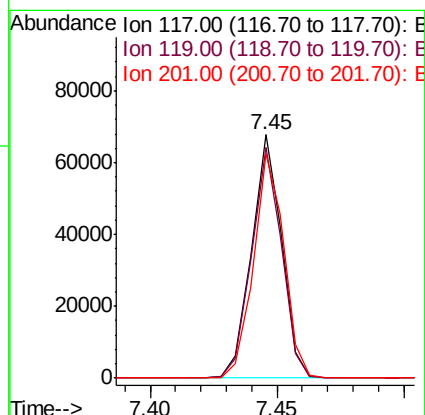
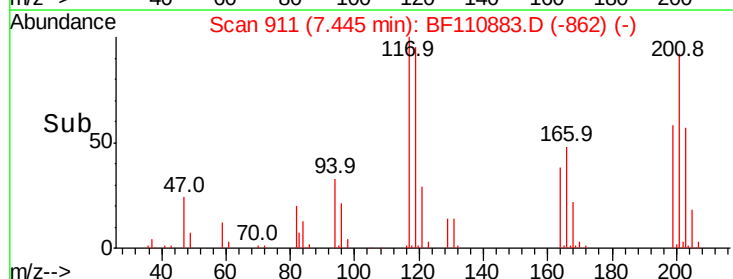
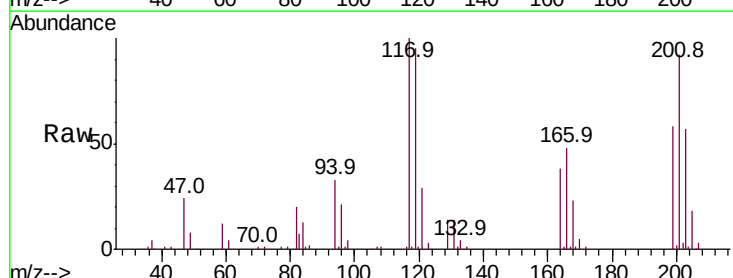
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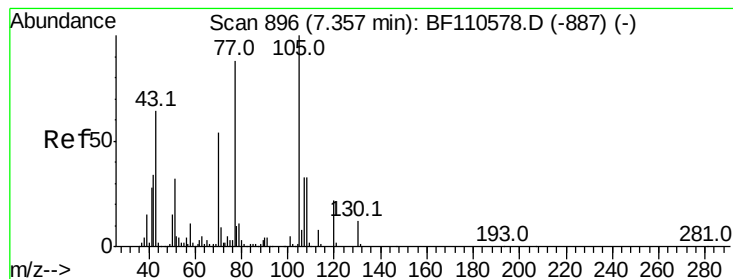
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#18
Hexachloroethane
Concen: 35.361 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.0	112.6	
201	92.2	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 42.369 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

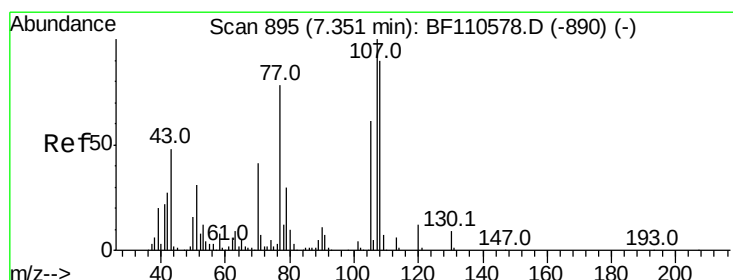
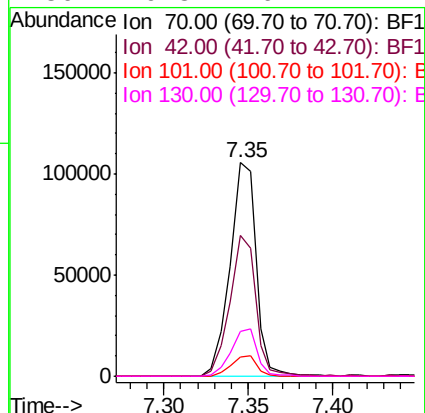
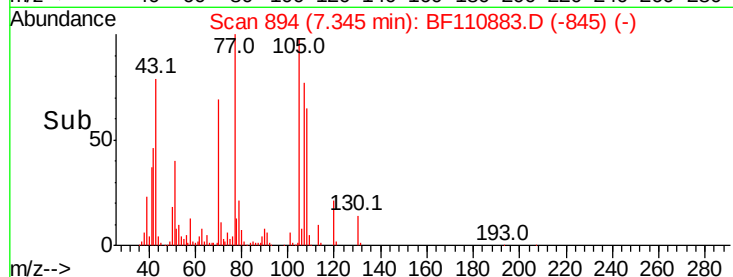
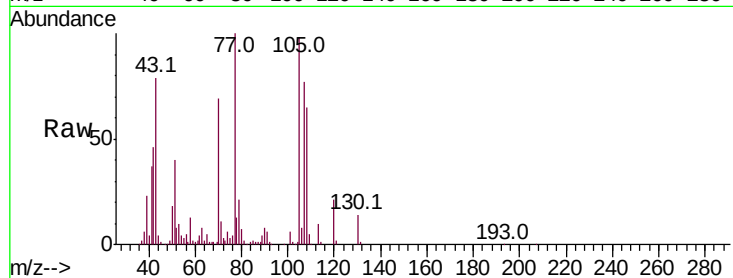
ClientSampleId :

PB114909BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	47.4	71.2
101	9.2	7.3	10.9
130	20.8	16.2	24.2

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#20

3+4-Methylphenols

Concen: 42.847 ng m

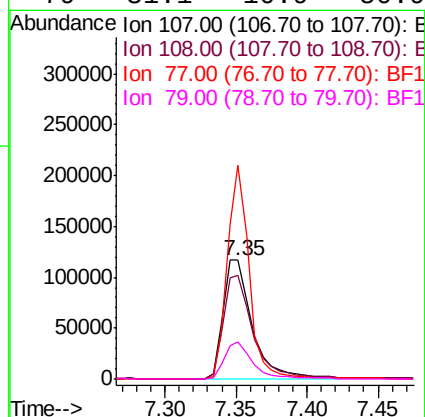
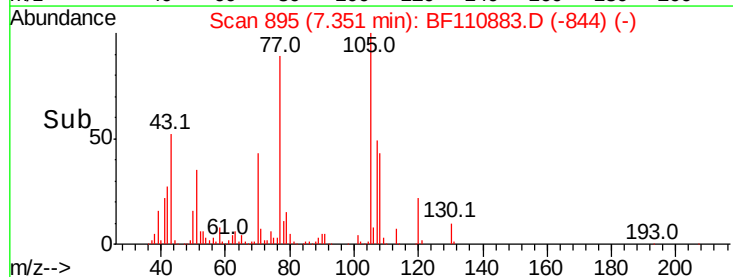
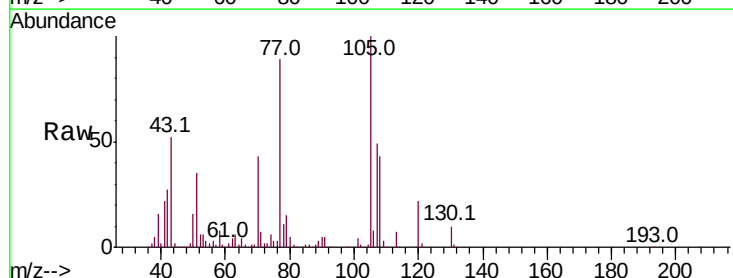
RT: 7.35 min Scan# 895

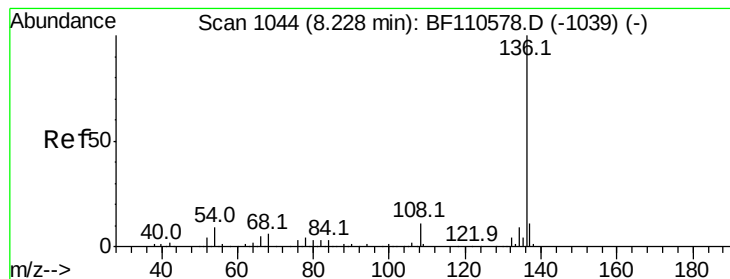
Delta R.T. 0.00 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.4	111.4
77	179.7	47.3	87.3#
79	31.1	10.9	50.9





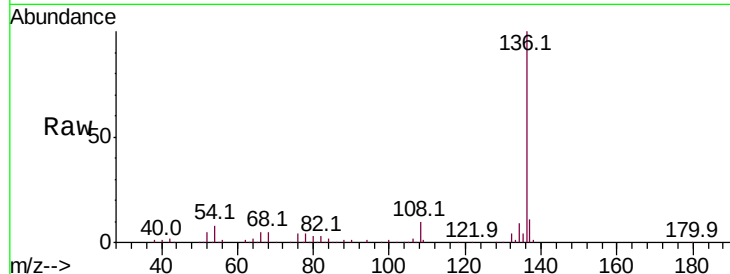
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

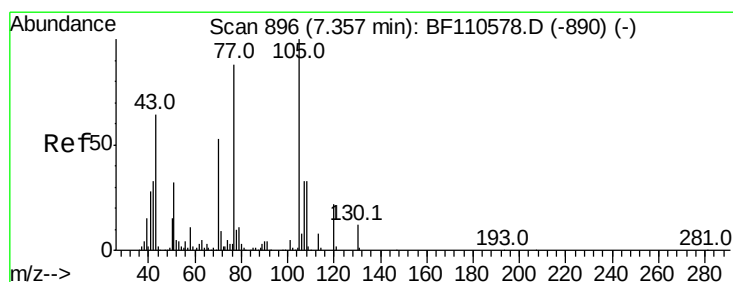
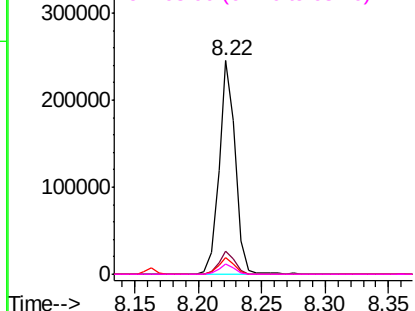
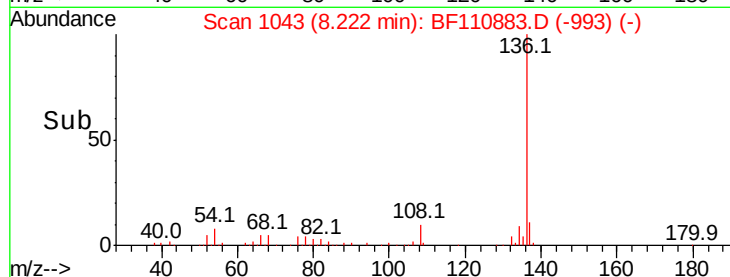
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.8	5.4	8.2	
68	5.0	4.2	6.2	

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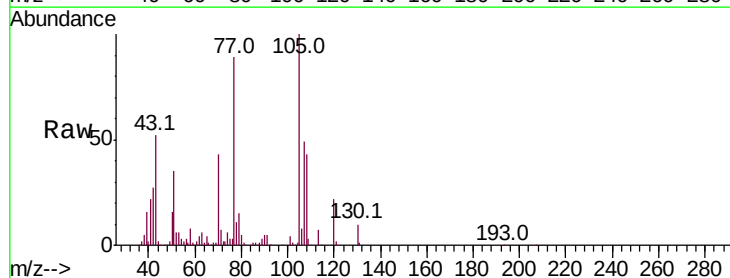


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

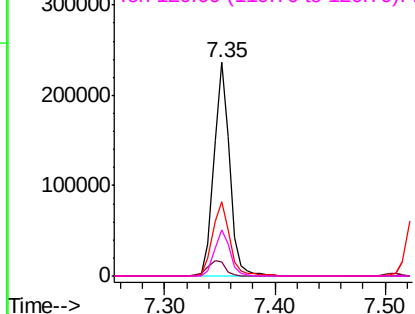
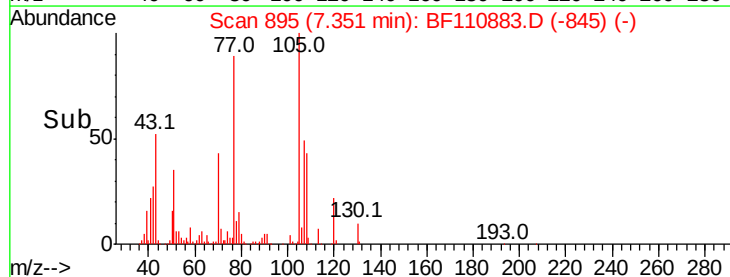


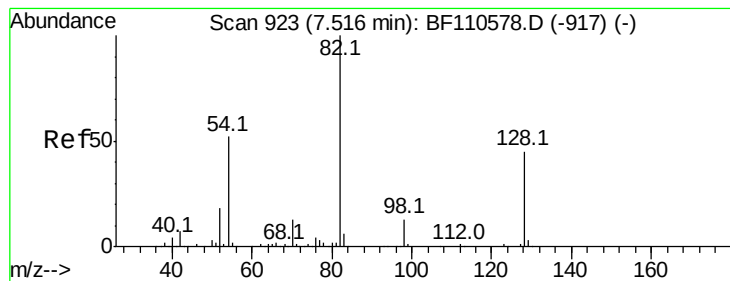
#22
Acetophenone
Concen: 45.017 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.8	5.2	7.8	
51	34.6	21.8	32.8#	
120	21.8	17.0	25.4	



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





#23

Nitrobenzene-d5

Concen: 94.687 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

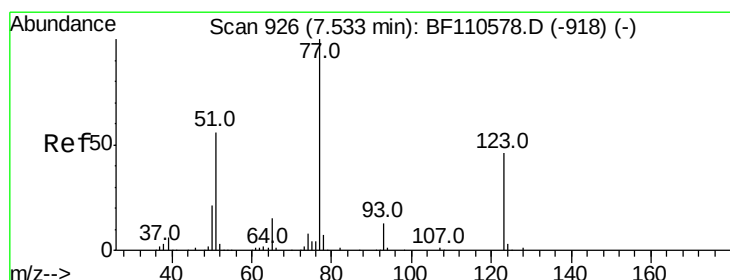
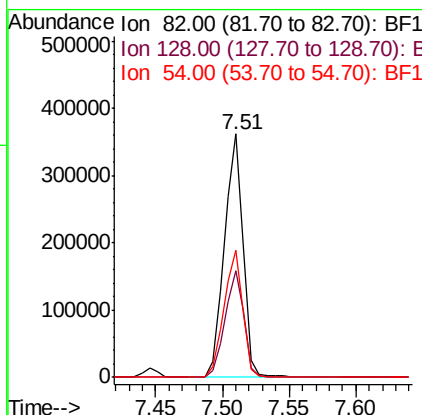
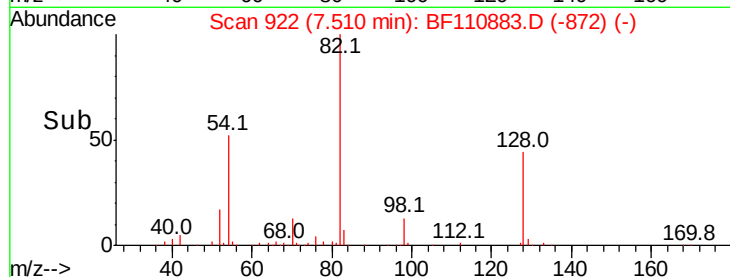
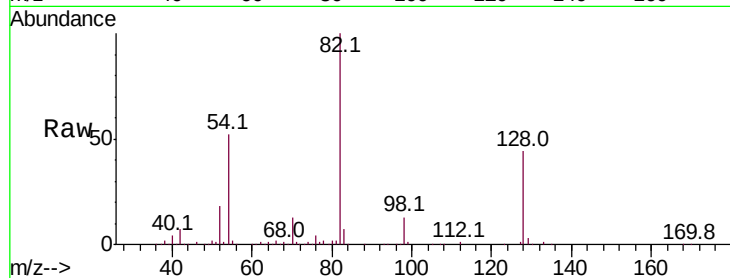
ClientSampleID :

PB114909BSD

Tot Ion:	82	Resp:	359283
Ion Ratio	Lower	Upper	
82	100		
128	44.0	34.2	51.2
54	52.1	38.6	58.0

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#24

Nitrobenzene

Concen: 44.564 ng

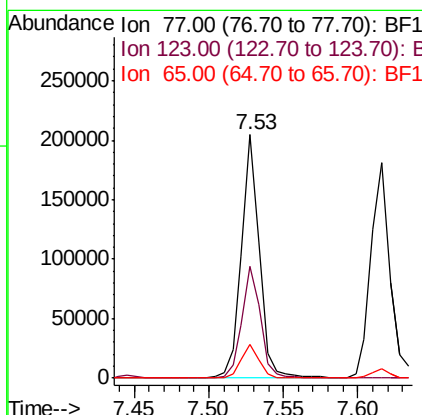
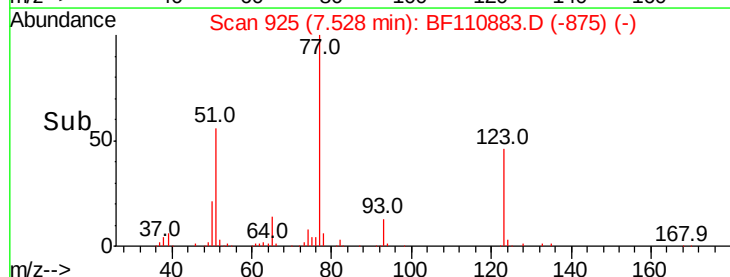
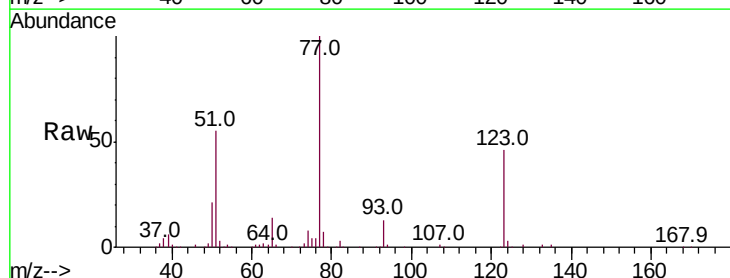
RT: 7.53 min Scan# 925

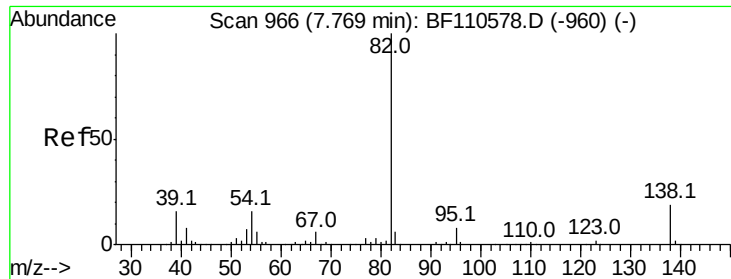
Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Tgt Ion:	77	Resp:	173249
Ion Ratio	Lower	Upper	
77	100		
123	46.0	35.7	53.5
65	14.0	10.7	16.1





#25

Isophorone

Concen: 48.148 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

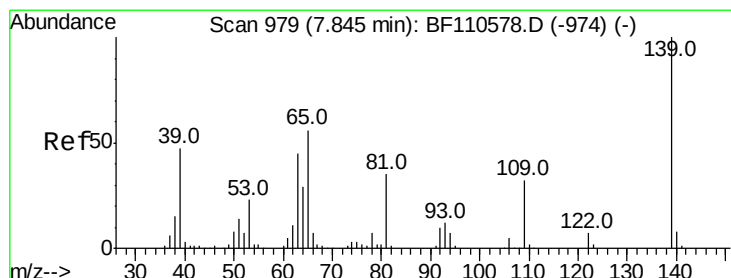
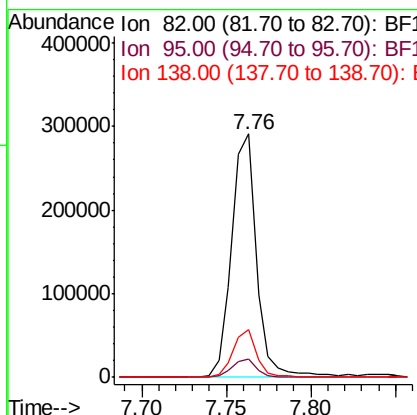
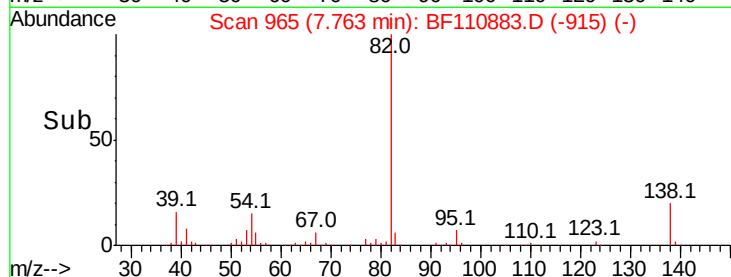
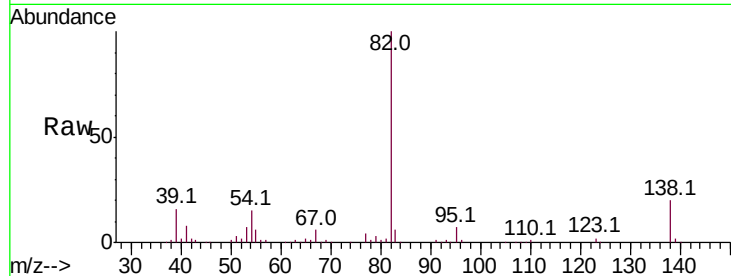
ClientSampleId :

PB114909BSD

Tot Ion:	82	Resp:	299438
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	19.7	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.816 ng

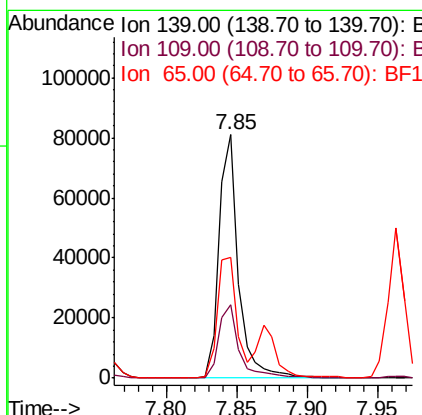
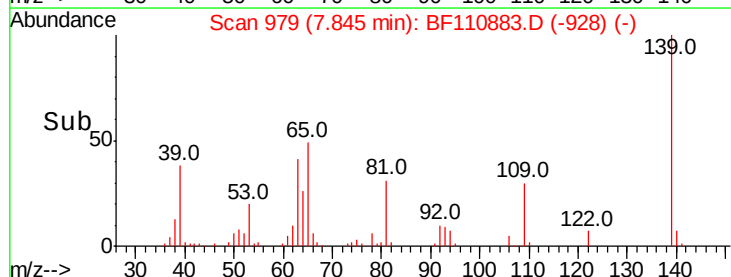
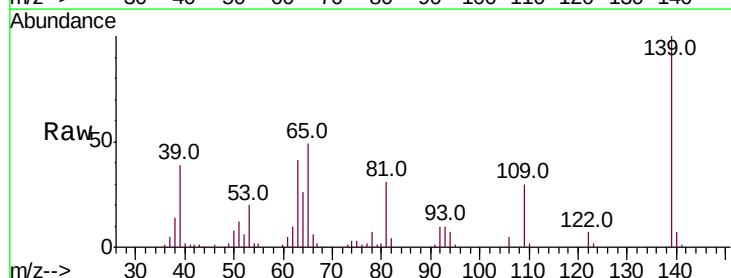
RT: 7.85 min Scan# 979

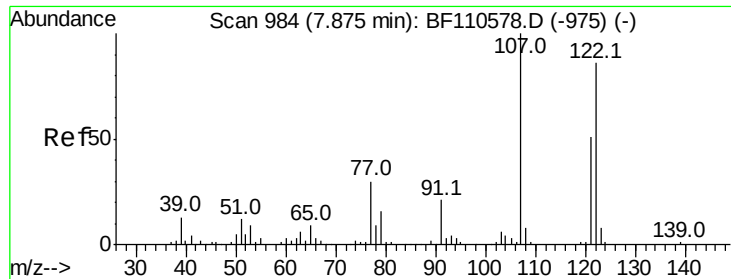
Delta R.T. 0.00 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Tgt Ion:	139	Resp:	77220
Ion Ratio	Lower	Upper	
139	100		
109	30.3	25.0	37.6
65	49.4	44.0	66.0





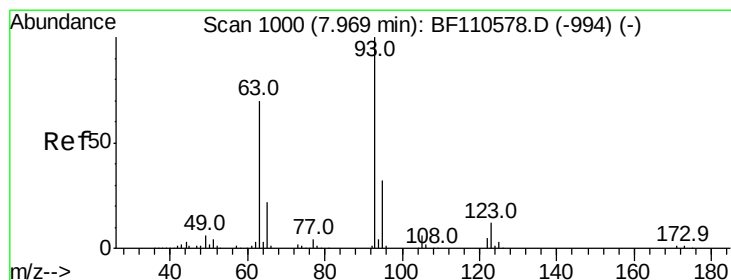
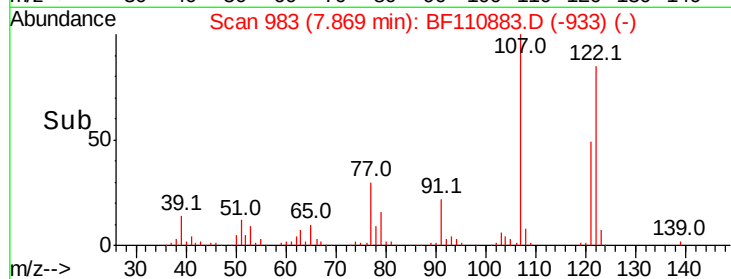
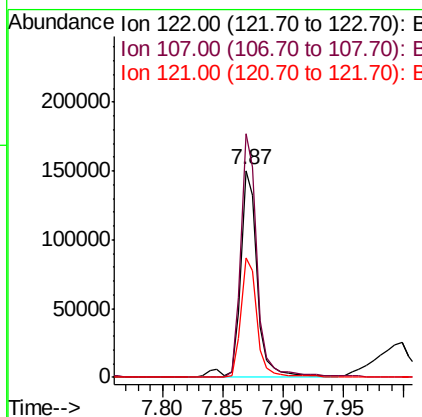
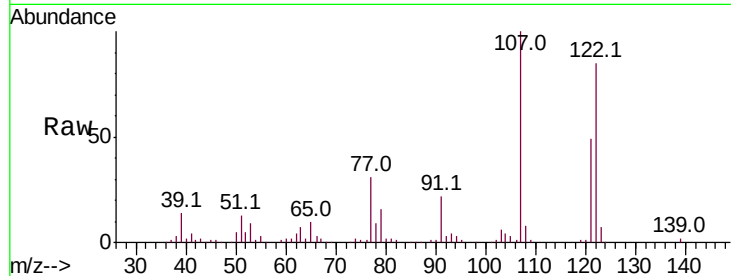
#27
2,4-Dimethylphenol
Concen: 50.110 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	148010		
107	117.8	92.5	138.7	
121	58.0	45.8	68.8	

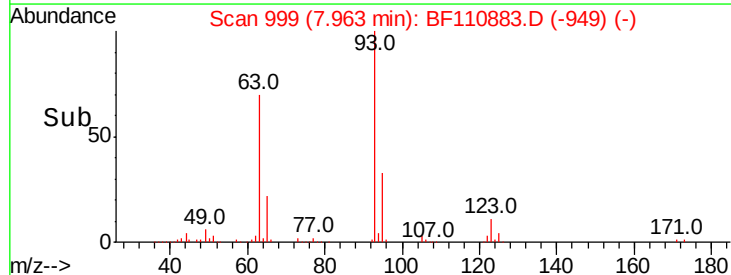
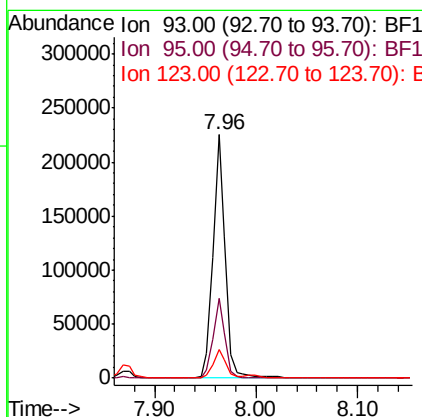
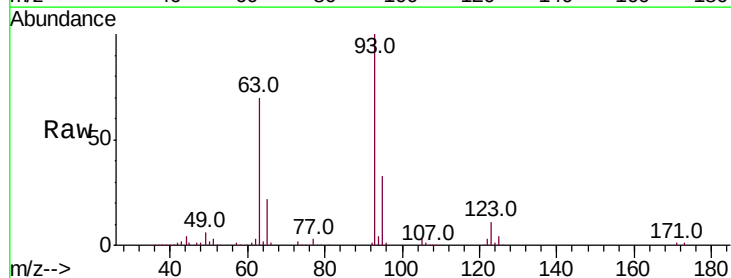
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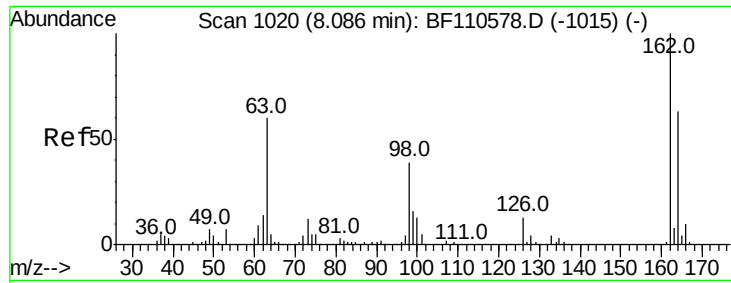
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#28
bis(2-Chloroethoxy)methane
Concen: 45.057 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189723		
95	33.0	26.4	39.6	
123	11.5	9.0	13.6	





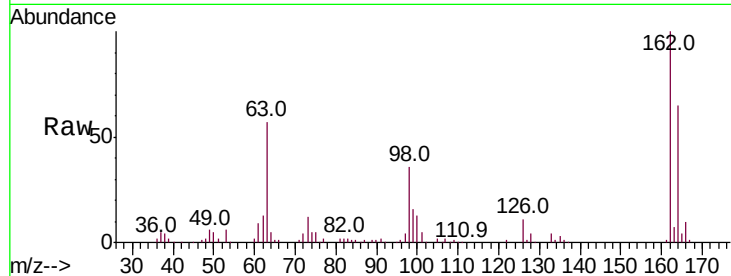
#29
2,4-Dichlorophenol
Concen: 44.049 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

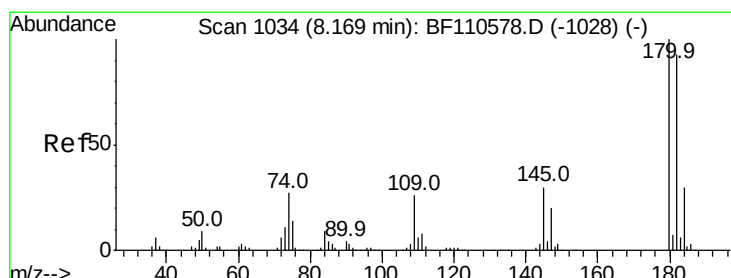
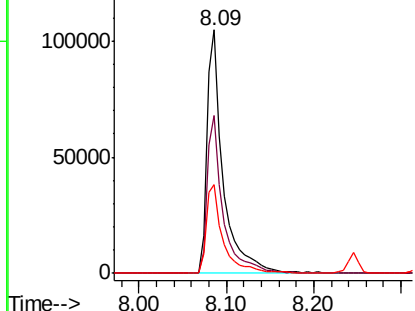
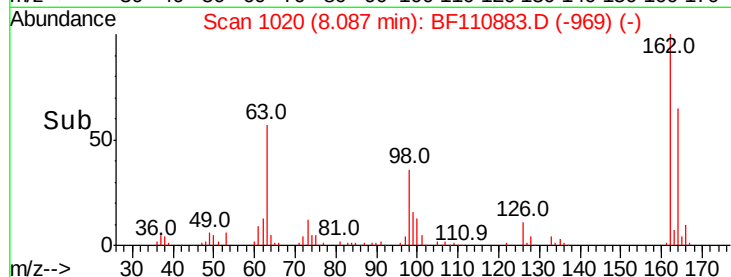
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.6	84.6
98	36.5	17.4	57.4

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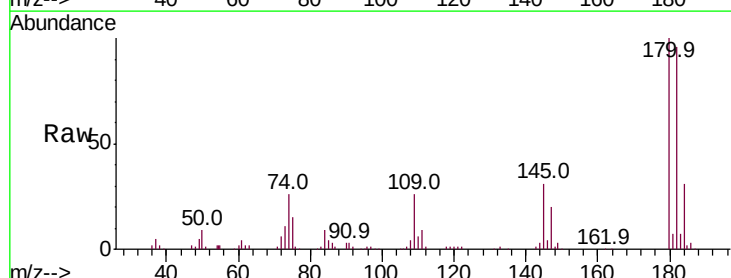


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

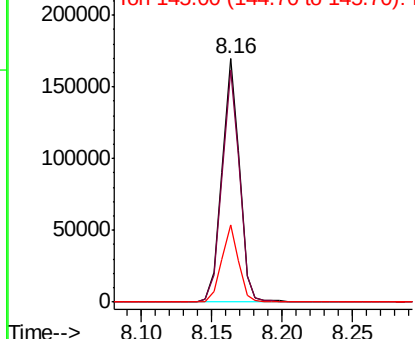
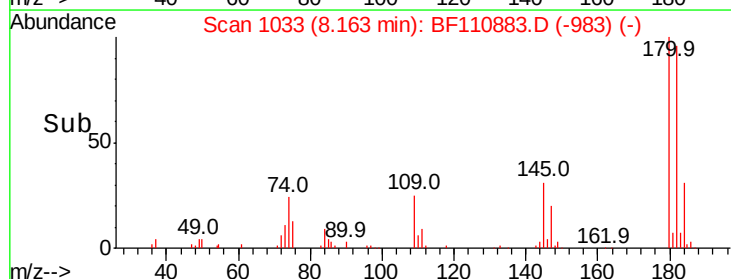


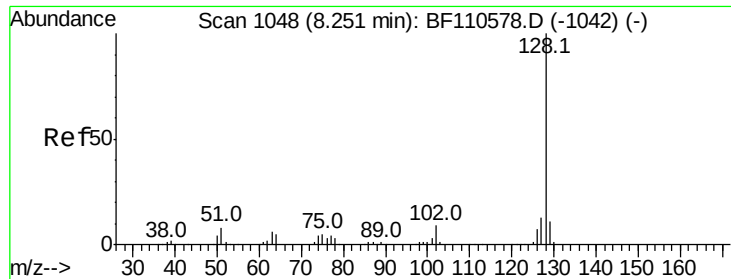
#30
1,2,4-Trichlorobenzene
Concen: 42.755 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	80.3	120.5
145	31.5	25.4	38.0



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





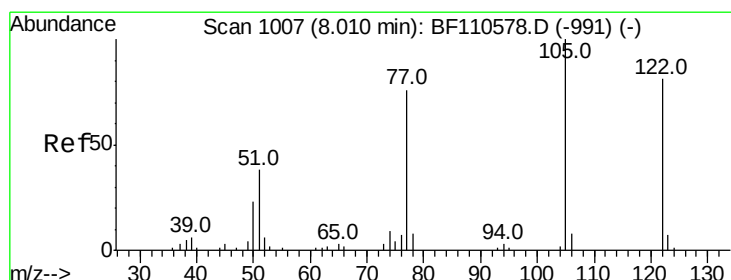
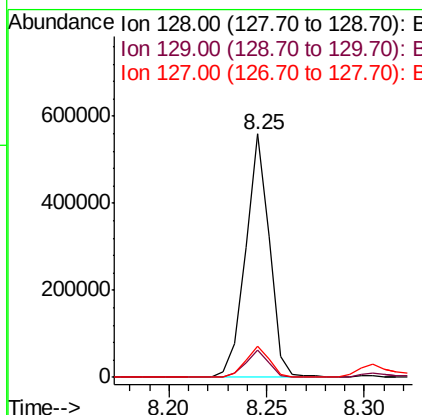
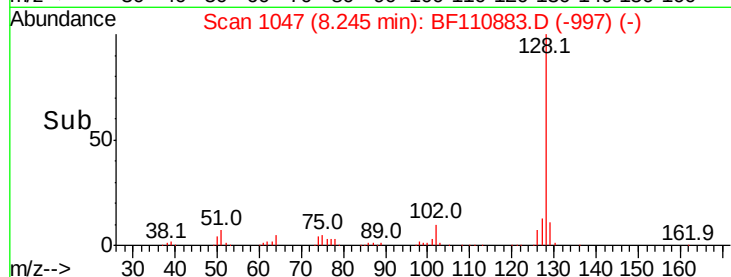
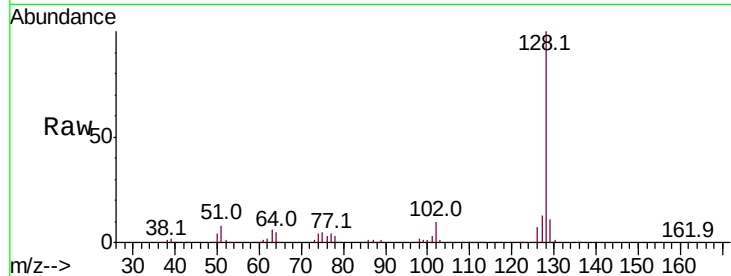
#31
Naphthalene
Concen: 45.963 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.8	16.2

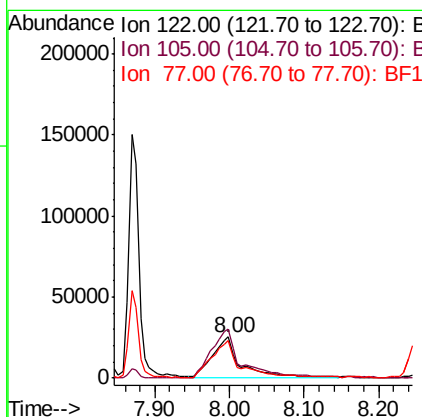
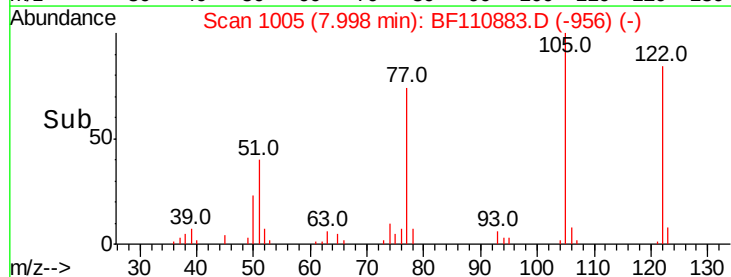
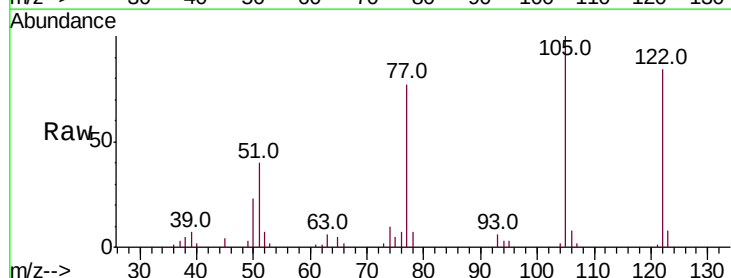
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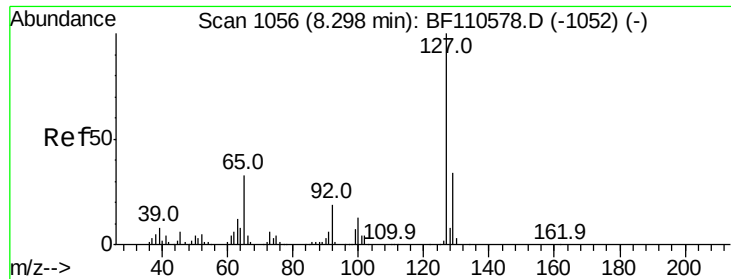
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#32
Benzoic acid
Concen: 31.029 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	109.0	149.0
77	92.0	79.0	119.0





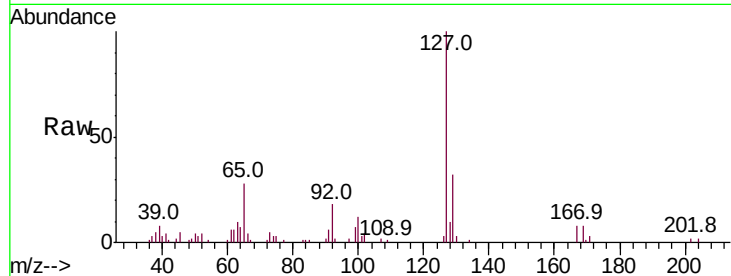
#33
4-Chloroaniline
Concen: 9.199 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42743		
129	31.9	26.0	39.0		
65	28.3	25.1	37.7		
92	17.6	15.0	22.6		

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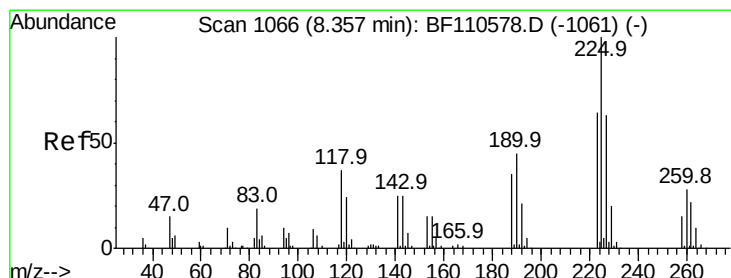
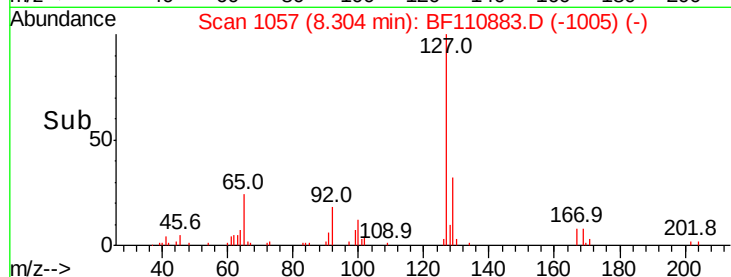
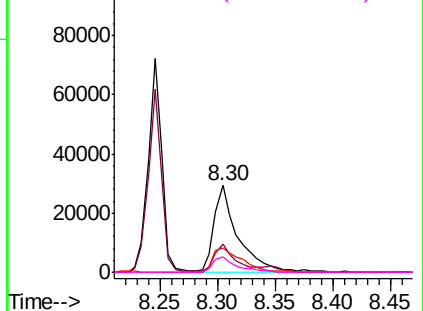
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

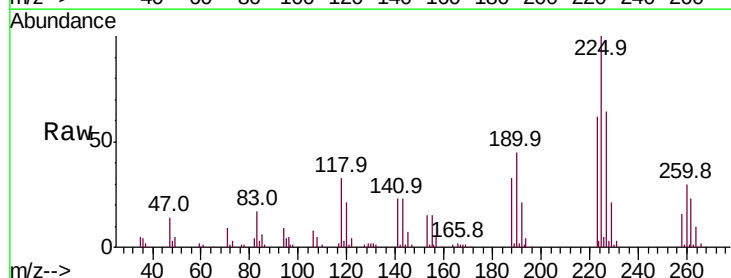
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.174 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		80587		
223	62.3	51.4	77.2		
227	63.8	51.0	76.6		

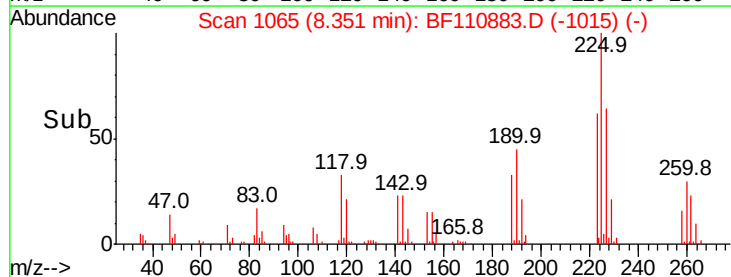
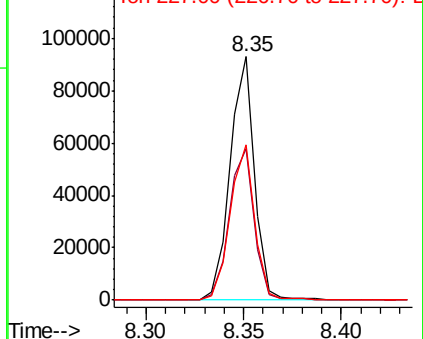


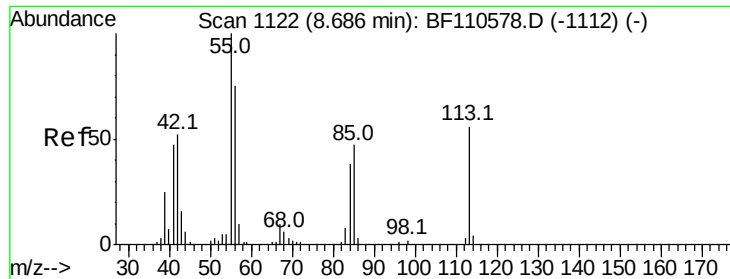
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





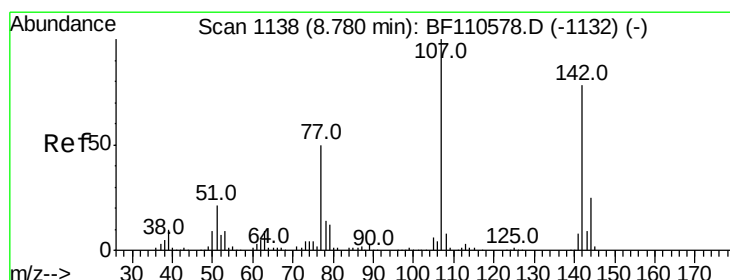
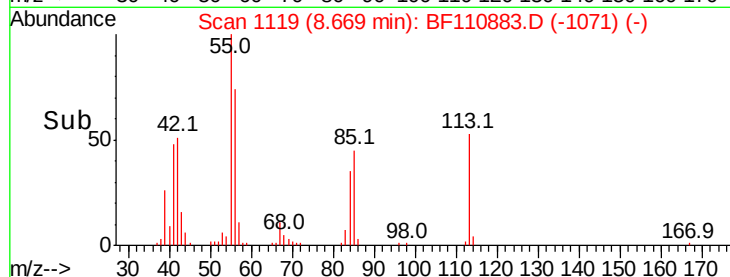
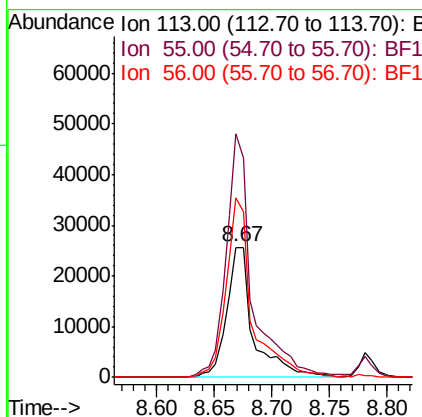
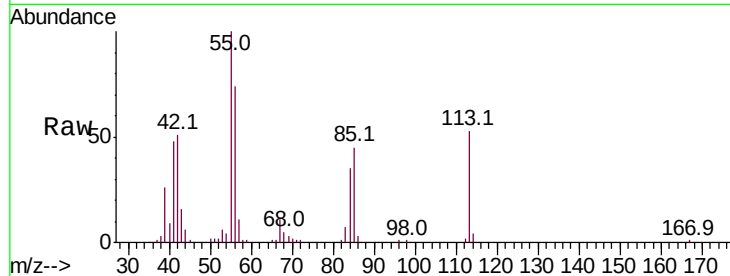
#35
 Caprolactam
 Concen: 40.678 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion:113 Resp: 41304
 Ion Ratio Lower Upper
 113 100
 55 187.0 142.8 182.8#
 56 138.1 105.0 145.0

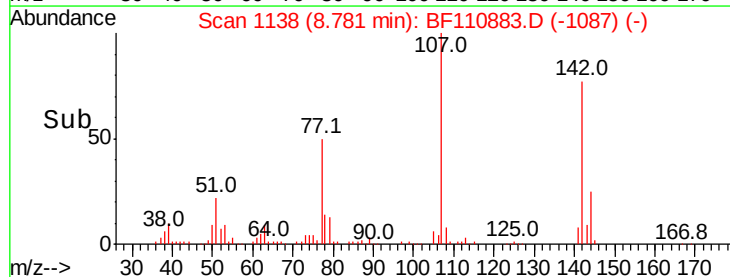
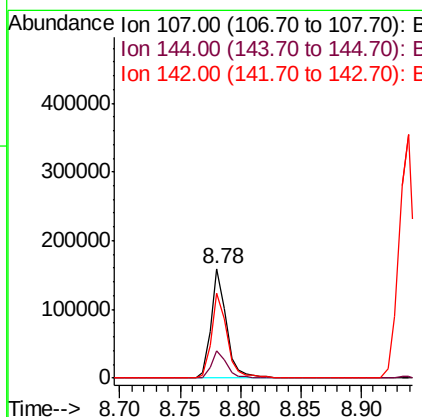
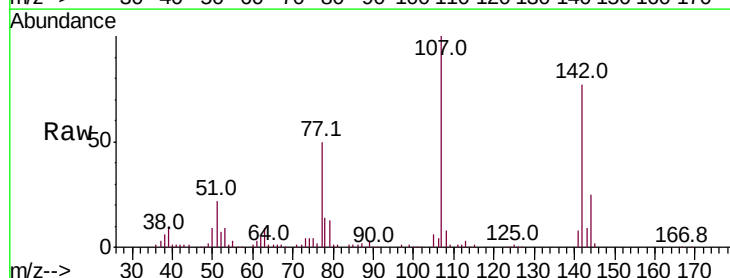
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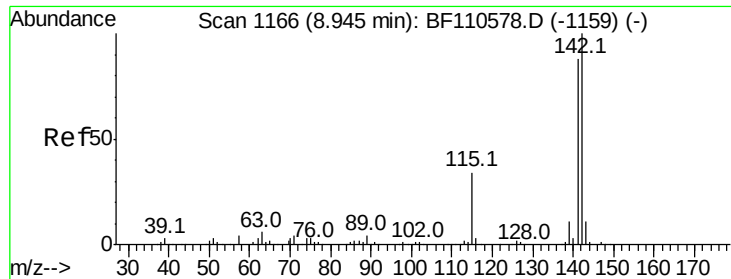
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#36
 4-Chloro-3-methylphenol
 Concen: 43.093 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion:107 Resp: 141249
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.0 30.0
 142 77.0 59.7 89.5





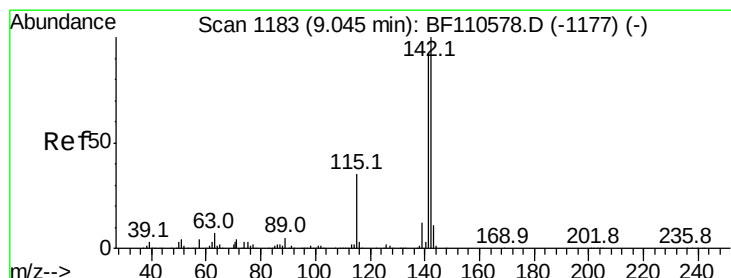
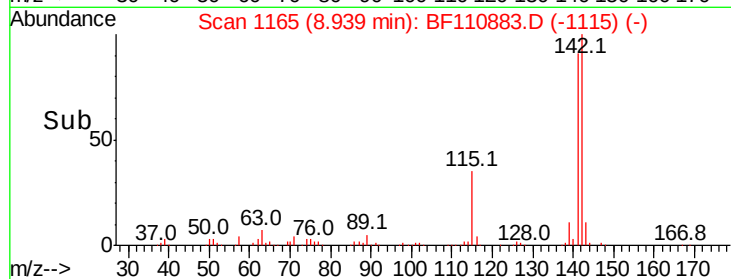
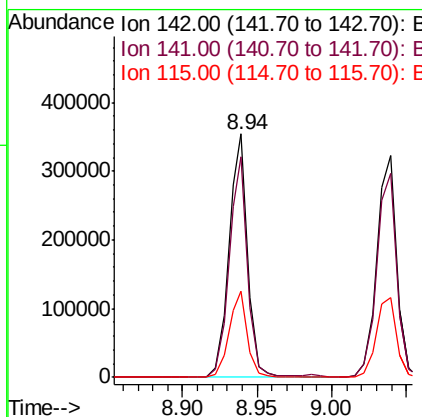
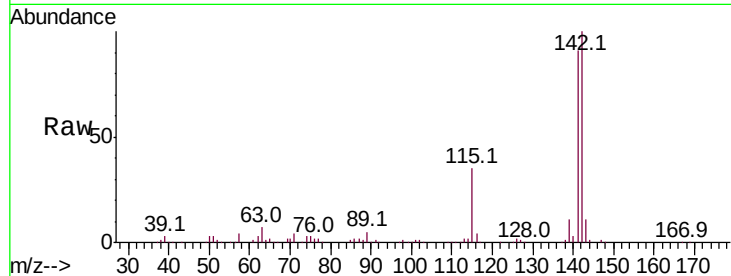
#37
2-Methylnaphthalene
Concen: 46.564 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	313131		
141	90.8	71.4	107.2	
115	35.3	28.7	43.1	

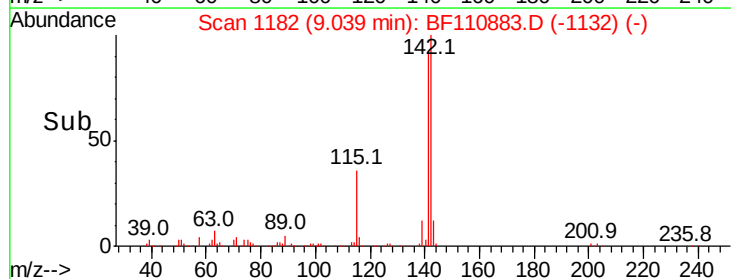
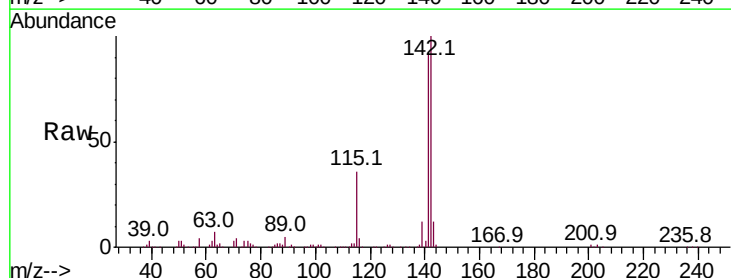
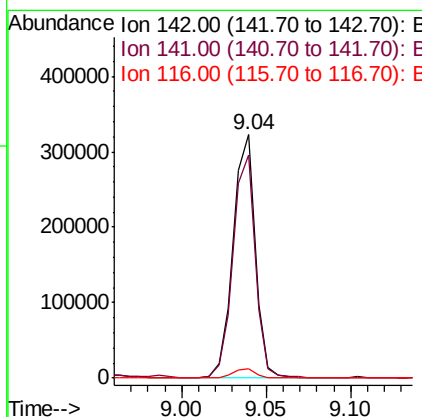
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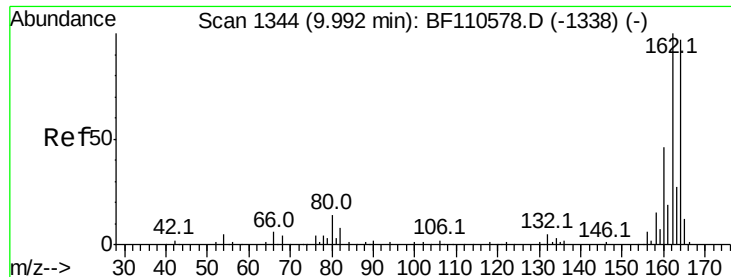
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#38
1-Methylnaphthalene
Concen: 45.146 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	291973		
141	91.7	74.2	111.4	
116	3.8	2.6	4.0	





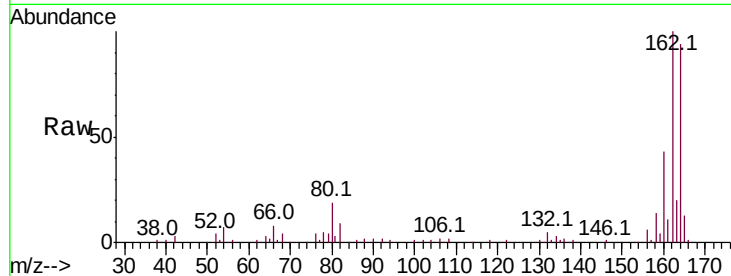
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.6
160	45.8	37.0	55.6

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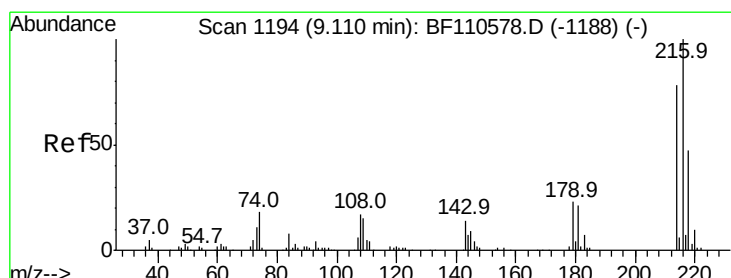
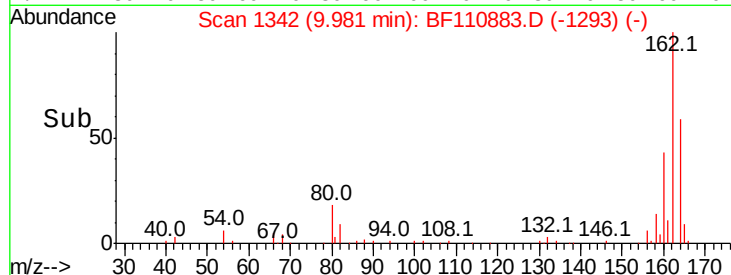
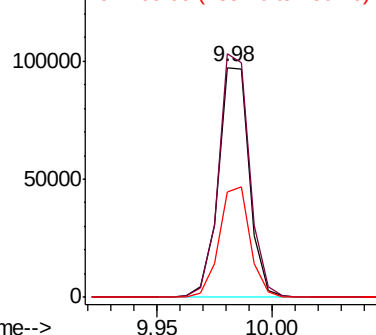


Abundance

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: 45.772 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	23.4	16.6	25.0
108	18.2	15.1	22.7

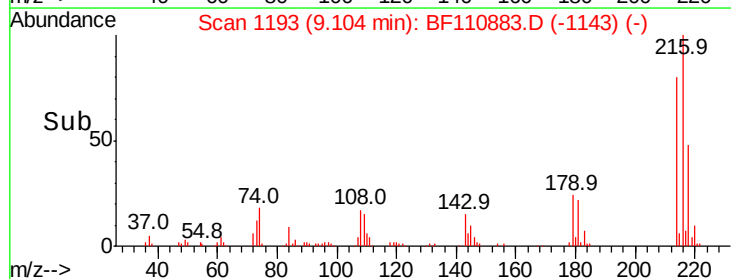
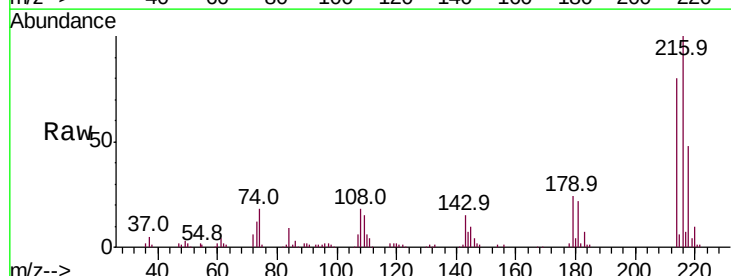
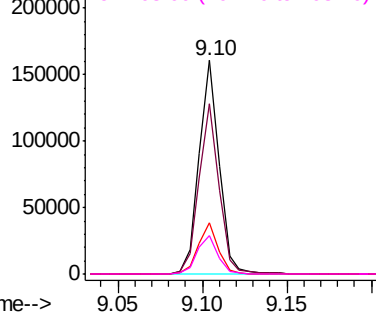
Abundance

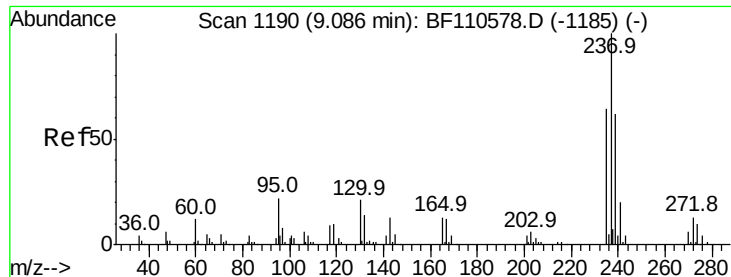
Ion 216.00 (215.70 to 216.70): E

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





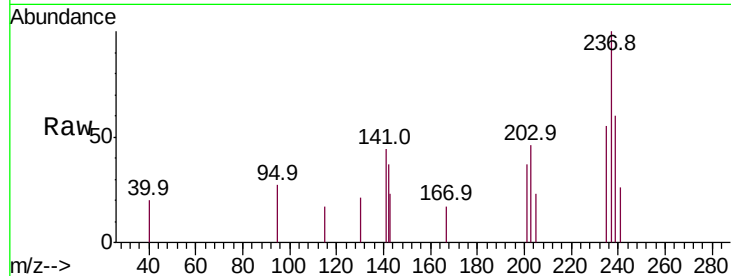
#41
Hexachlorocyclopentadiene
Concen: 8.721 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

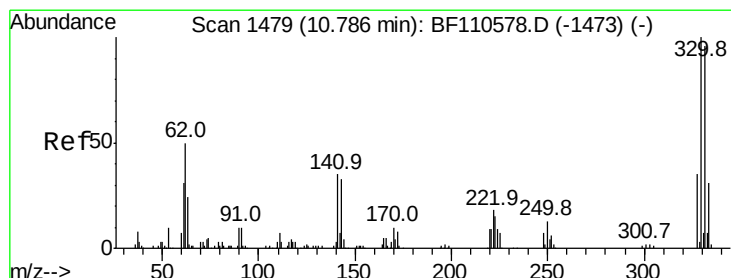
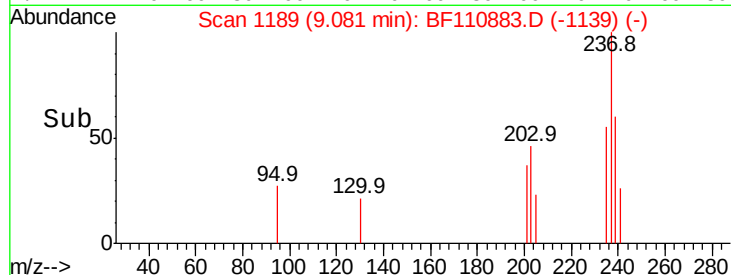
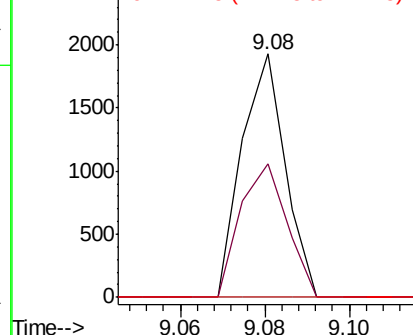
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	54.9	43.1	83.1	
272	0.0	0.0	32.6	

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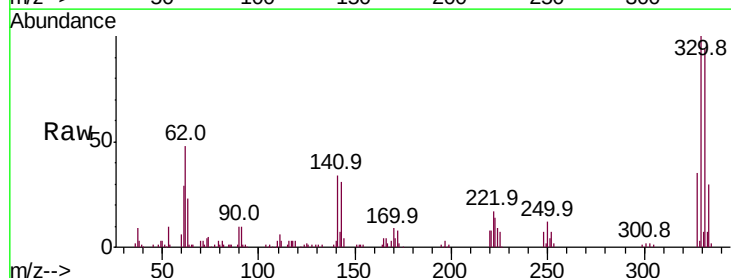


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

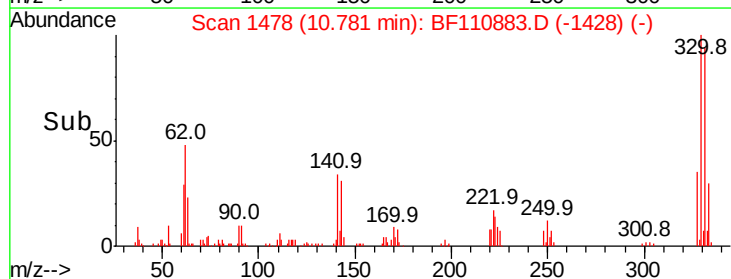
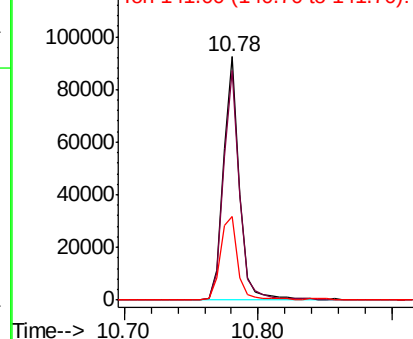


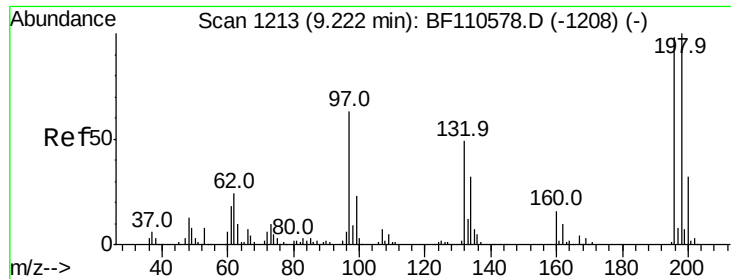
#42
2,4,6-Tribromophenol
Concen: 84.957 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.1	115.7	
141	37.2	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





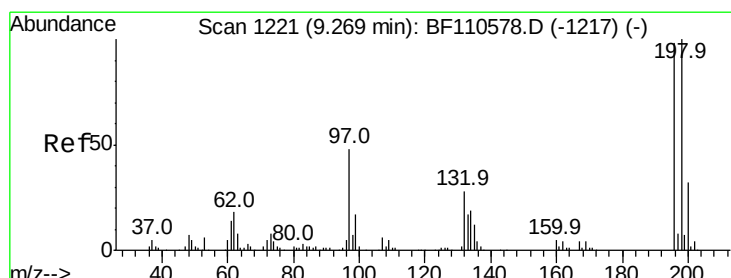
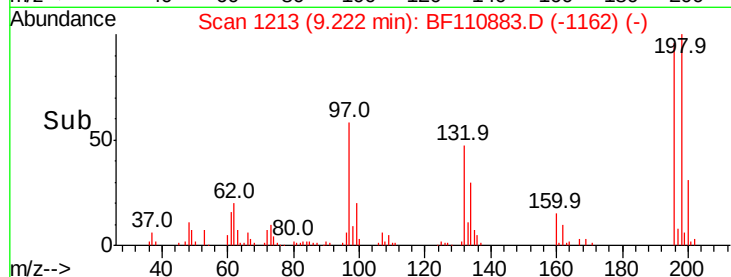
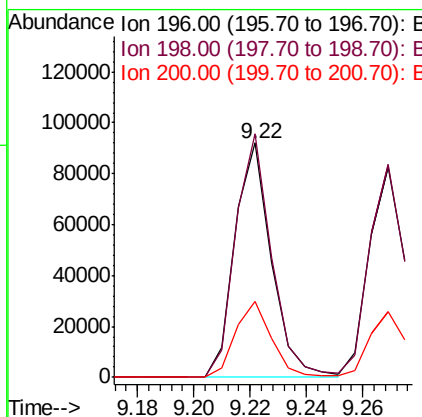
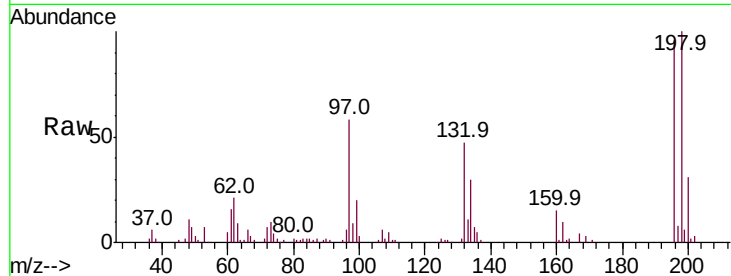
#43
 2,4,6-Trichlorophenol
 Concen: 45.728 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83217		
198	103.9	76.2	114.4	
200	32.5	24.4	36.6	

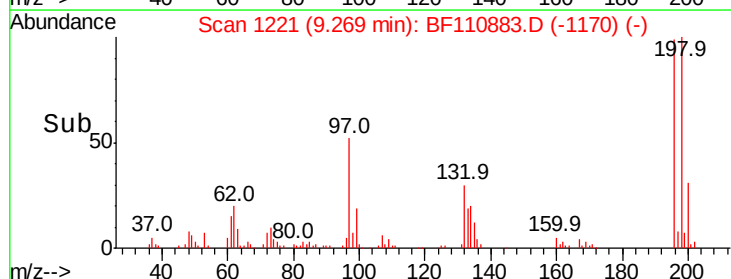
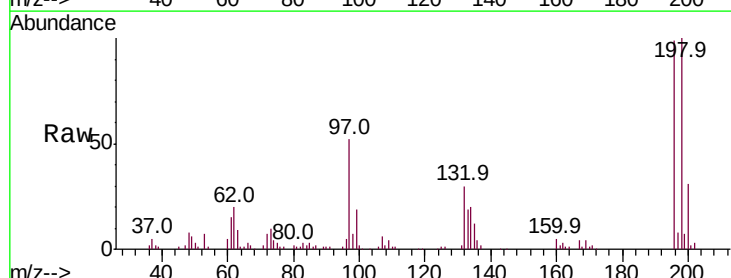
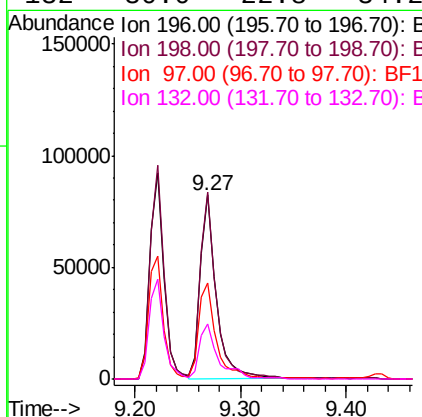
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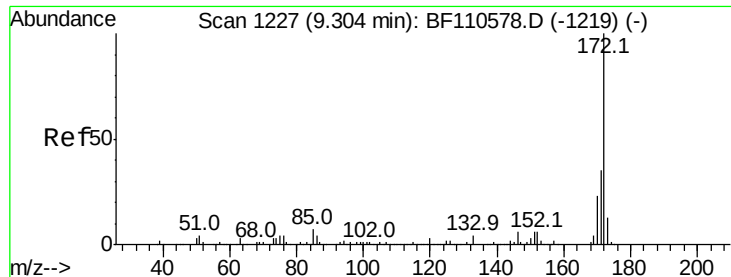
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#44
 2,4,5-Trichlorophenol
 Concen: 44.762 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86891		
198	101.2	75.8	113.6	
97	52.3	42.4	63.6	
132	30.0	22.8	34.2	





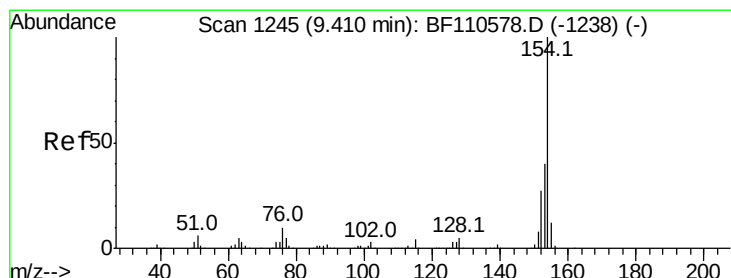
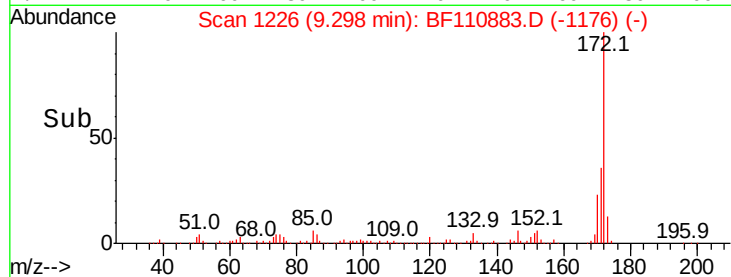
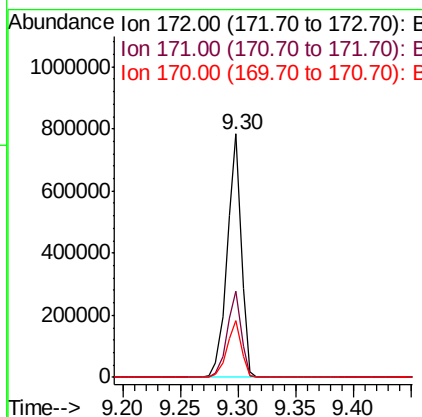
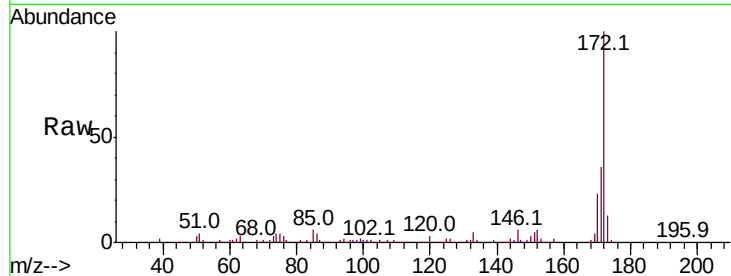
#45
2-Fluorobiphenyl
Concen: 102.711 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	657959		
171	35.6		28.6	43.0
170	23.5		19.7	29.5

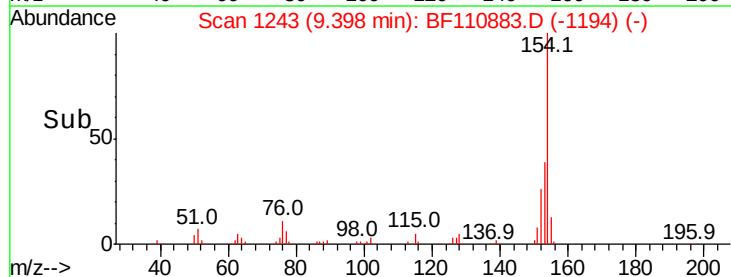
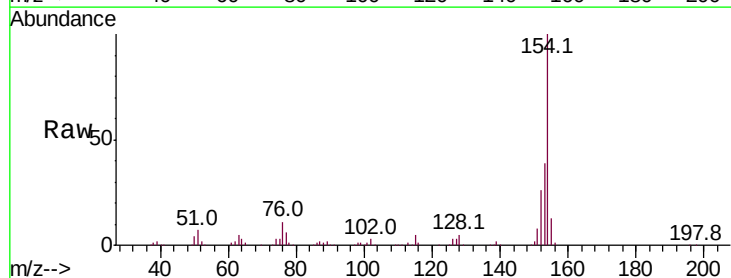
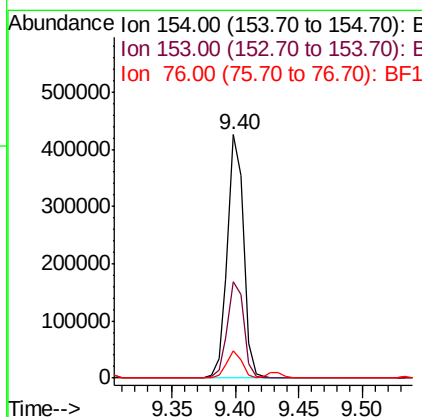
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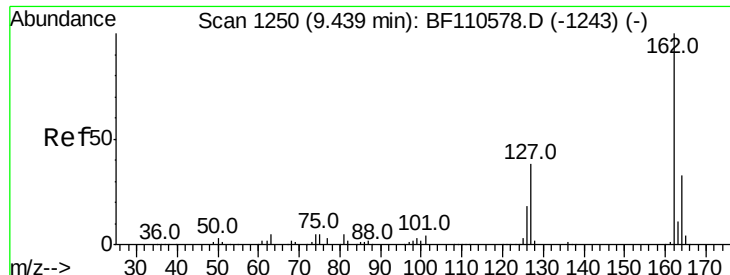
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#46
1,1'-Biphenyl
Concen: 44.165 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	376929		
153	39.4		20.4	60.4
76	11.0		0.0	31.9





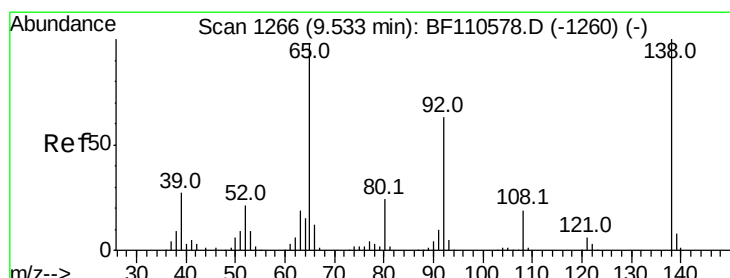
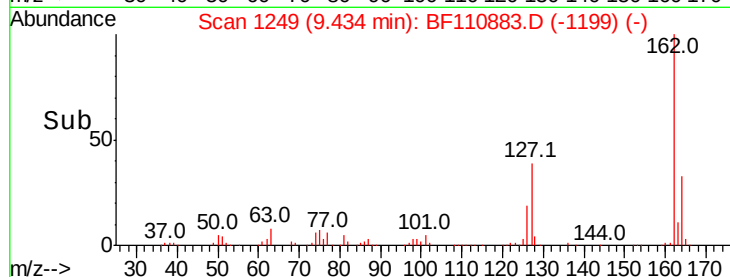
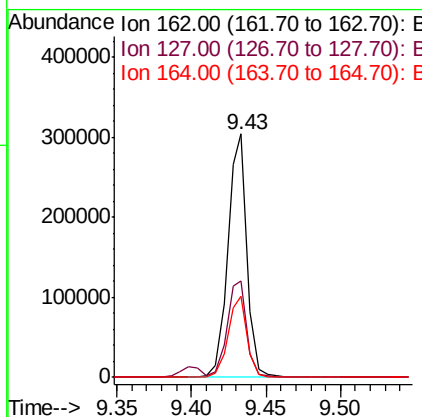
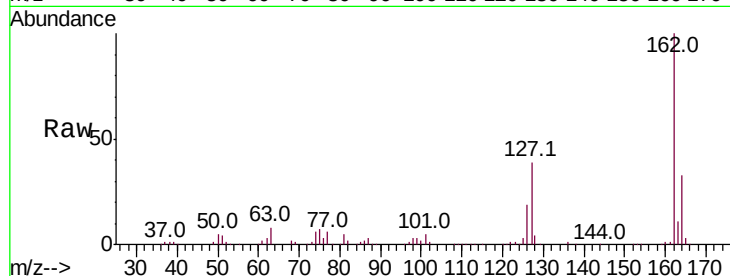
#47
2-Chloronaphthalene
Concen: 44.850 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	275762		
127	39.5	32.6	48.8	
164	33.0	25.9	38.9	

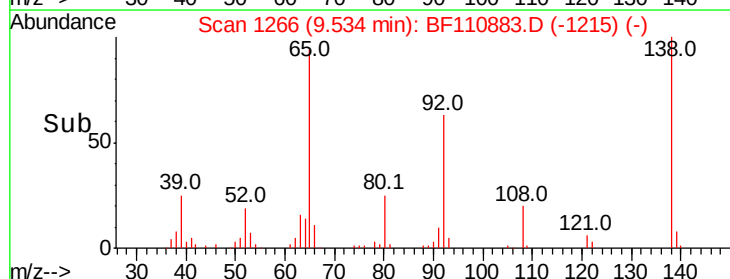
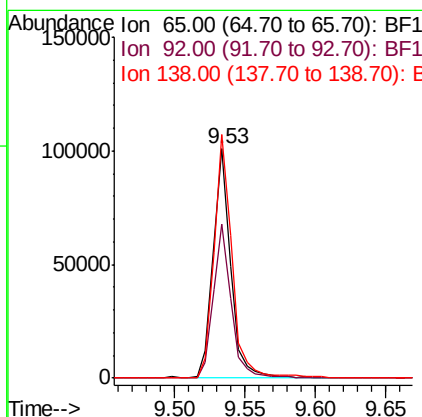
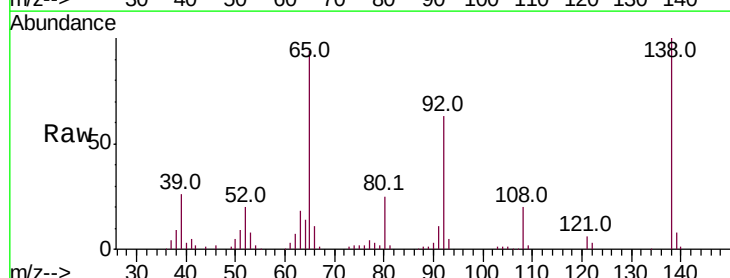
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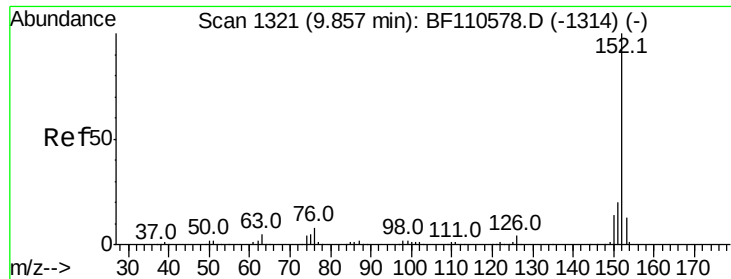
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#48
2-Nitroaniline
Concen: 46.591 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	88277		
92	67.4	54.6	81.8	
138	106.3	80.3	120.5	





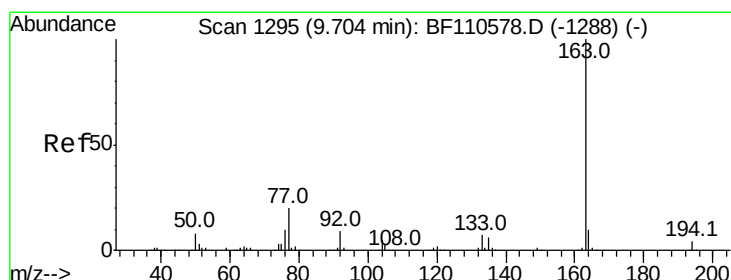
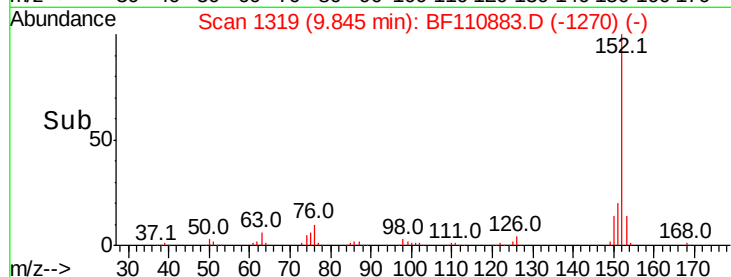
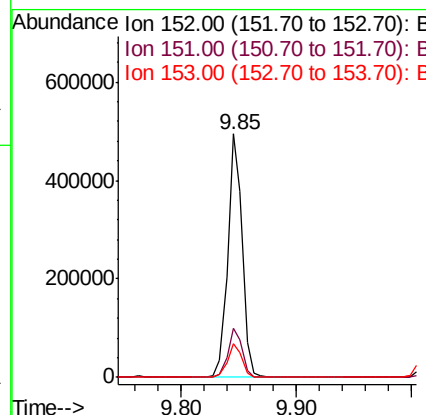
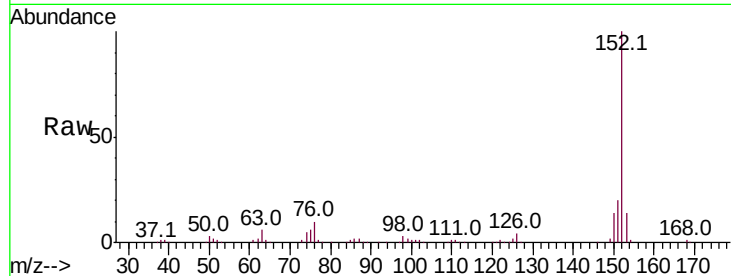
#49
Acenaphthylene
Concen: 47.996 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.7	10.4	15.6

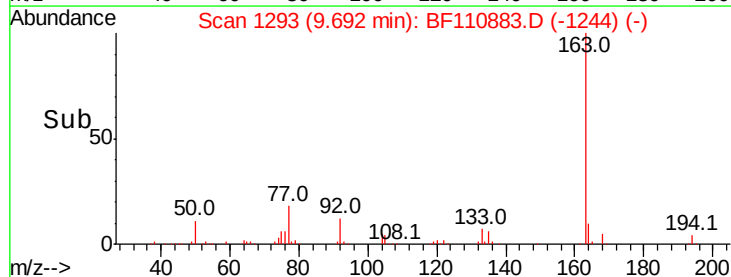
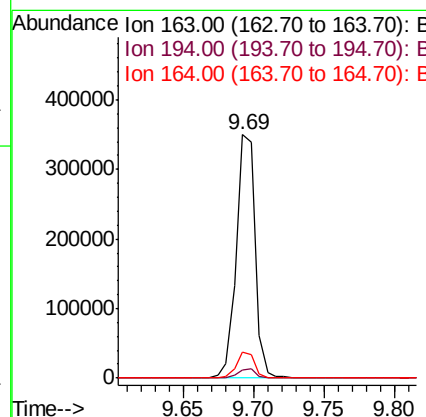
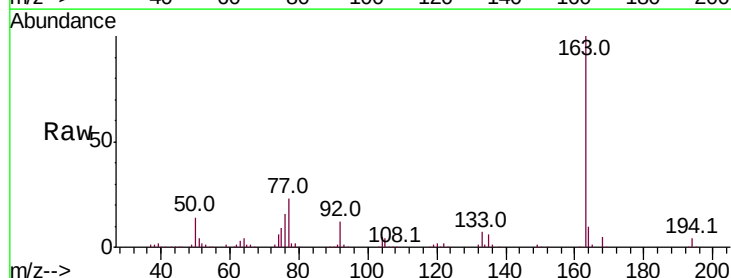
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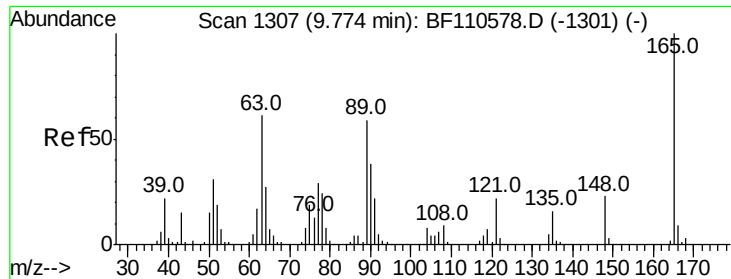
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#50
Dimethylphthalate
Concen: 47.806 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.5	8.1	12.1





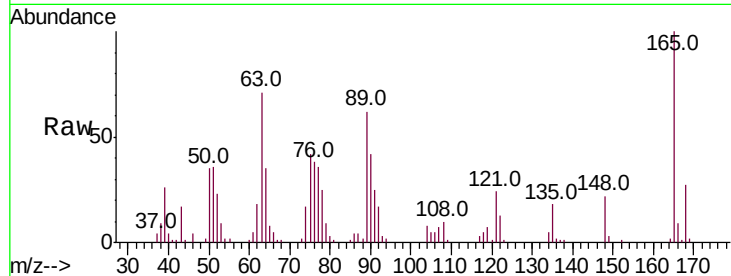
#51
2,6-Dinitrotoluene
Concen: 44.168 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleID :
PB114909BSD

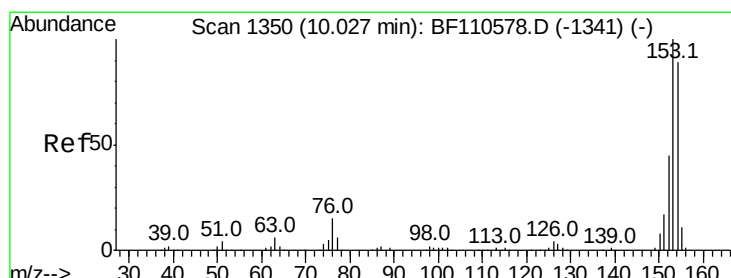
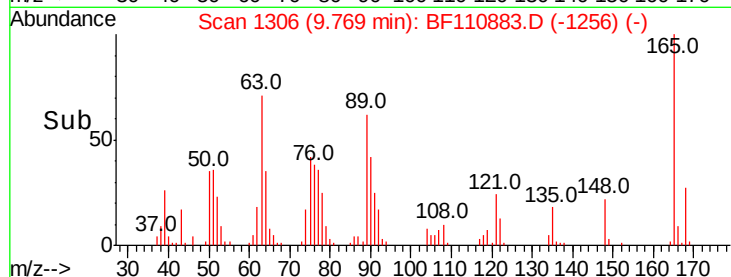
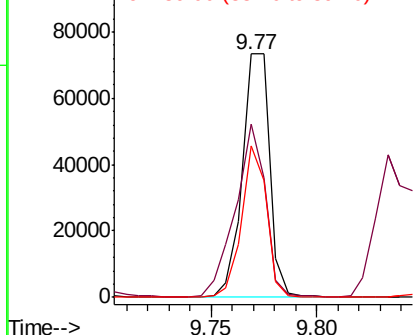
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	71.3	48.9	73.3
89	61.9	46.6	69.8

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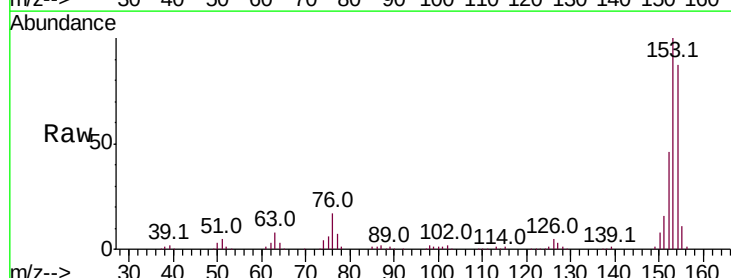


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

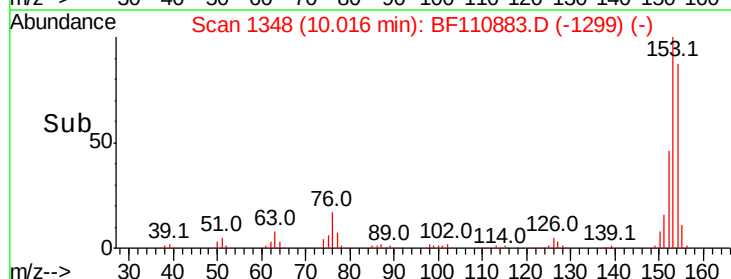
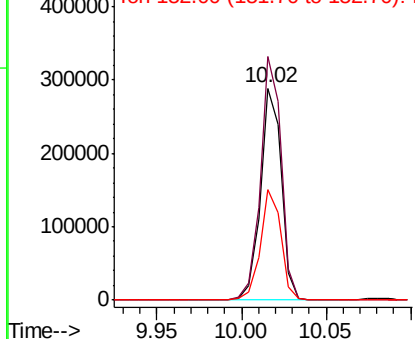


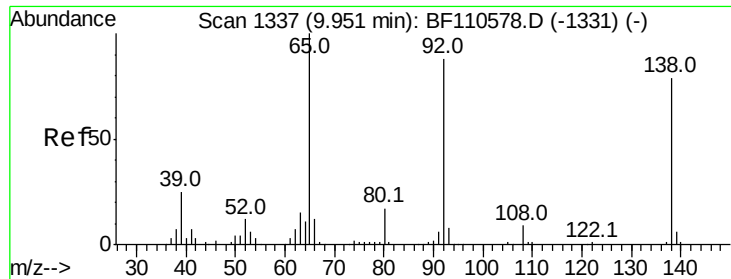
#52
Acenaphthene
Concen: 44.392 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.9	90.1	135.1
152	52.3	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





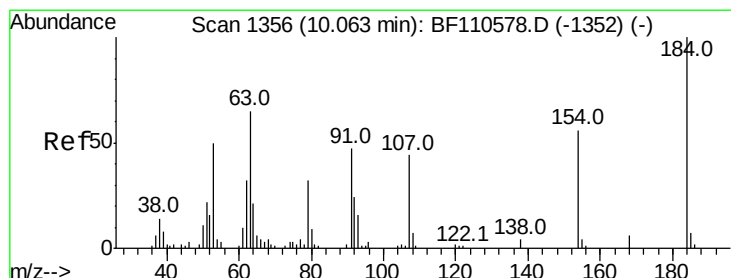
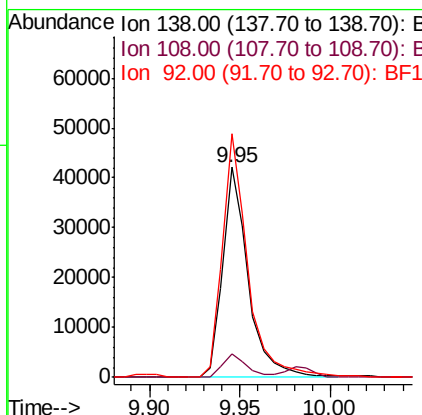
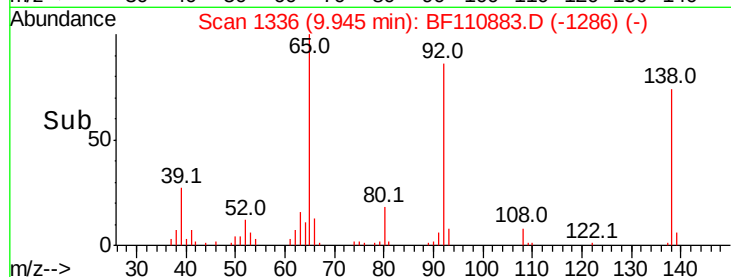
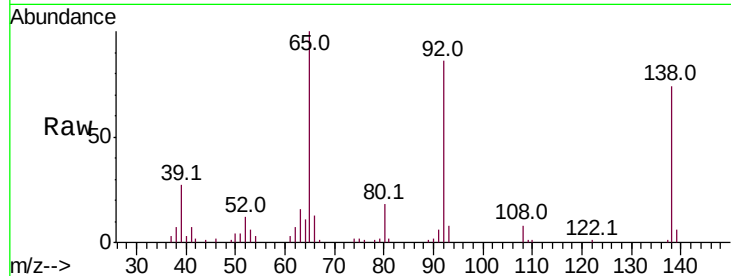
#53
 3-Nitroaniline
 Concen: 23.711 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	116.0	97.0	145.4

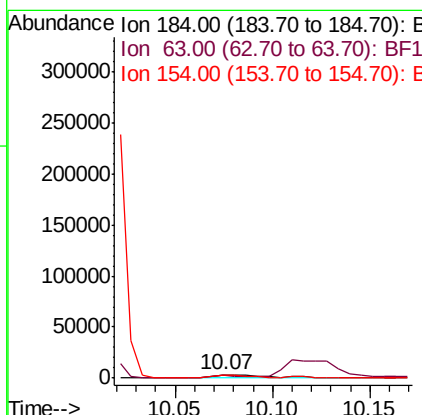
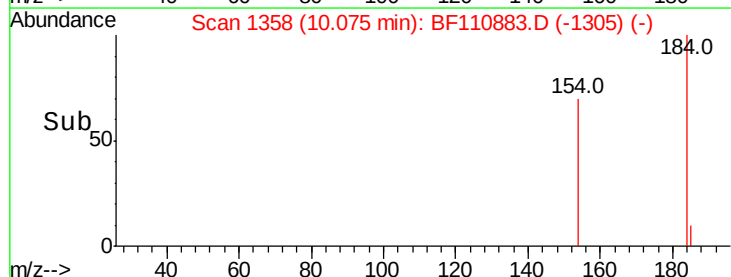
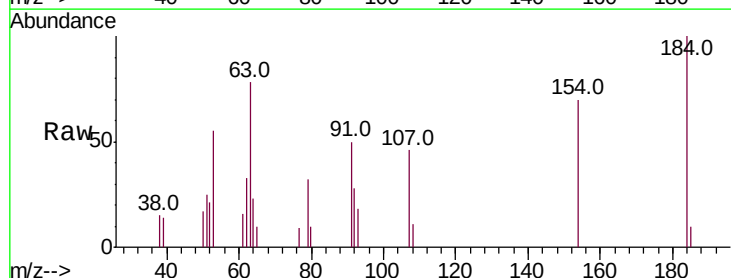
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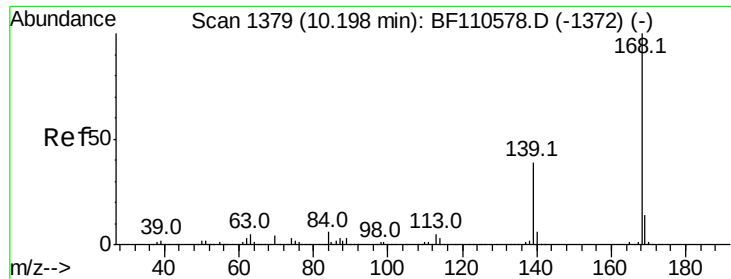
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#54
 2,4-Dinitrophenol
 Concen: 14.331 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.3	55.8	83.6
154	69.5	63.2	94.8





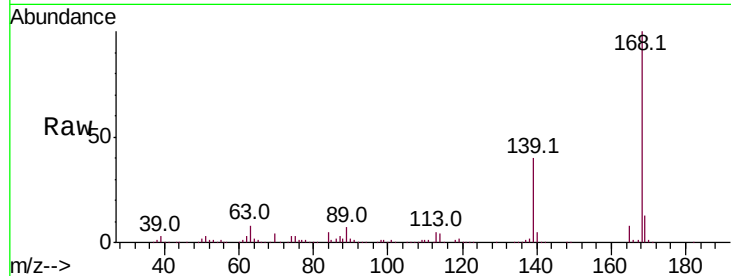
#55
Dibenzofuran
Concen: 44.143 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	33.0	49.6	
169	12.8	11.3	16.9	

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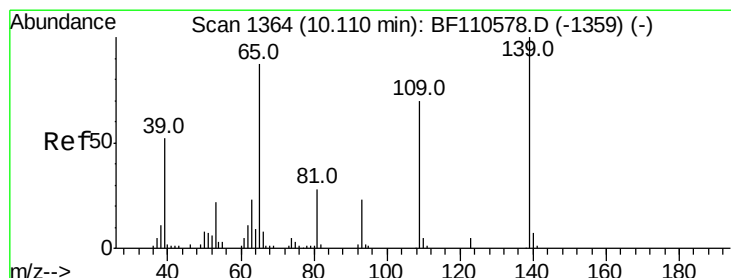
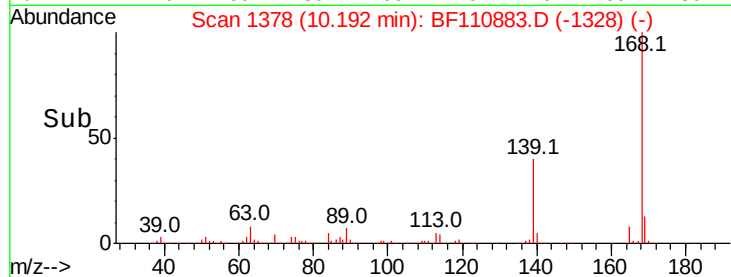
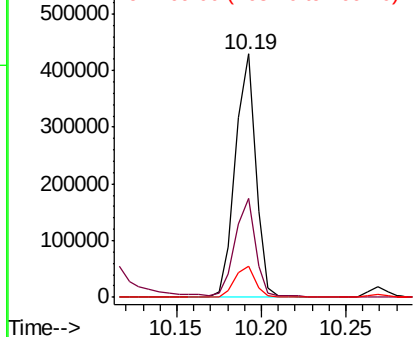


Abundance

Ion 168.00 (167.70 to 168.70): E

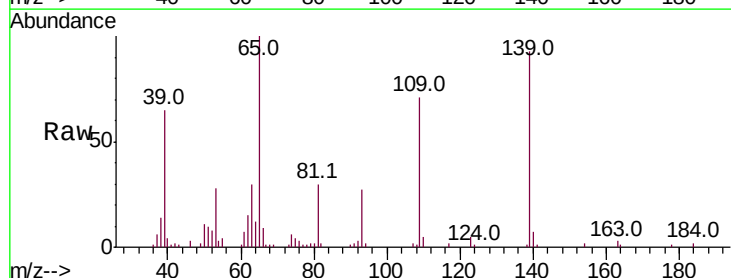
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 68.696 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.0	55.8	95.8	
65	107.7	77.9	117.9	

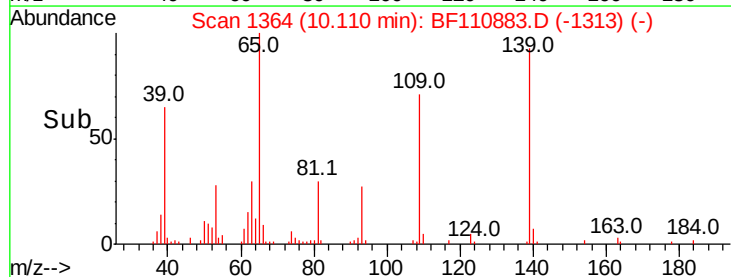
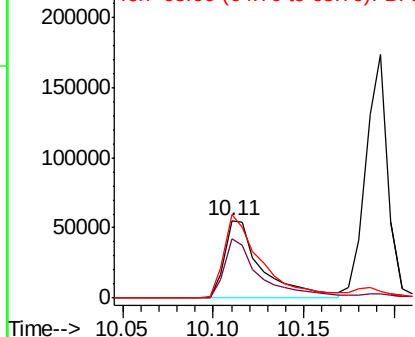


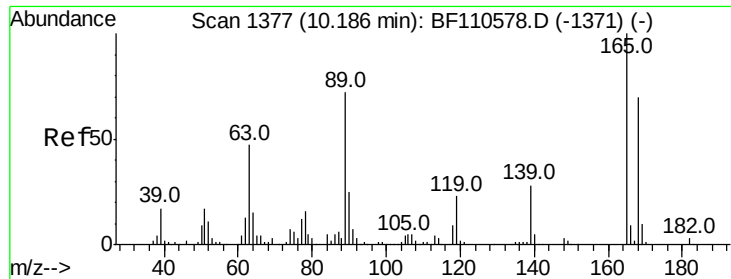
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





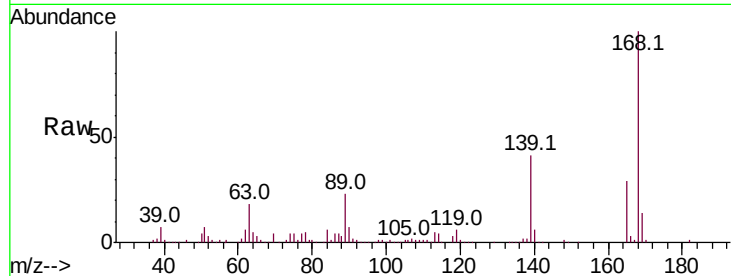
#57
2,4-Dinitrotoluene
Concen: 40.234 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

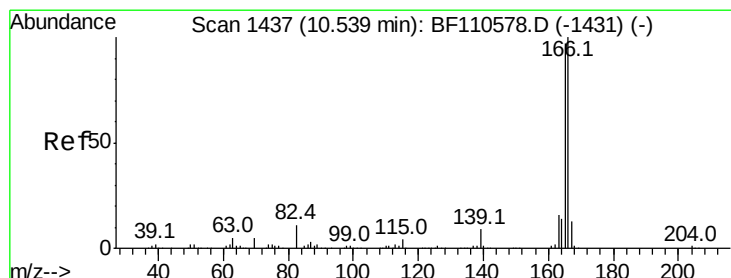
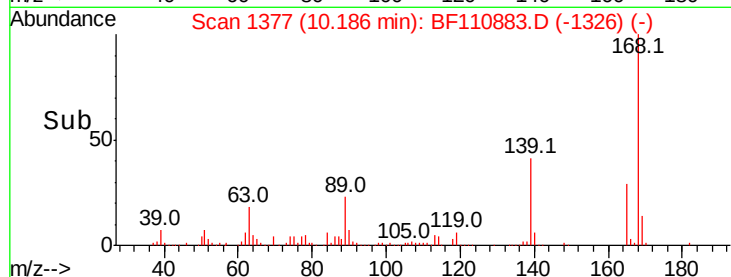
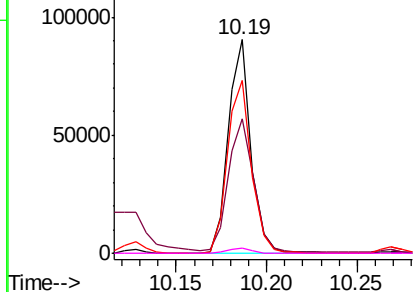
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	63.1	44.8	67.2
89	80.8	62.2	93.4
182	2.4	2.1	3.1

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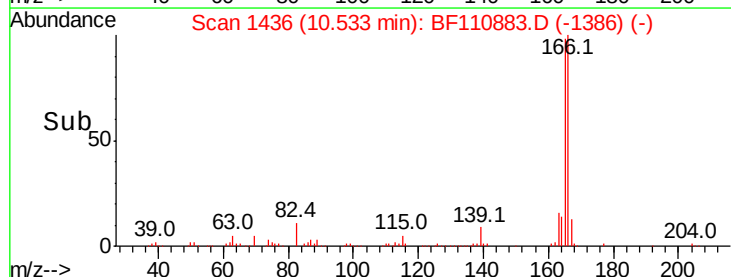
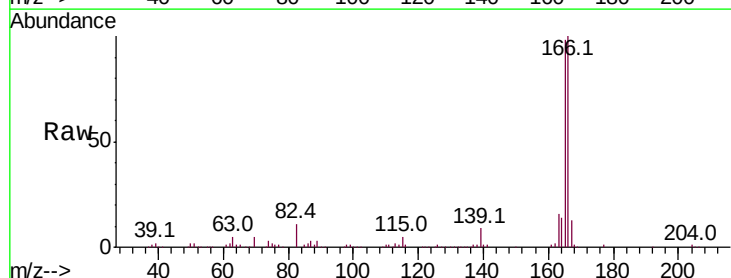
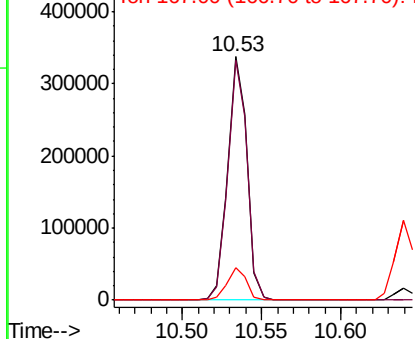
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

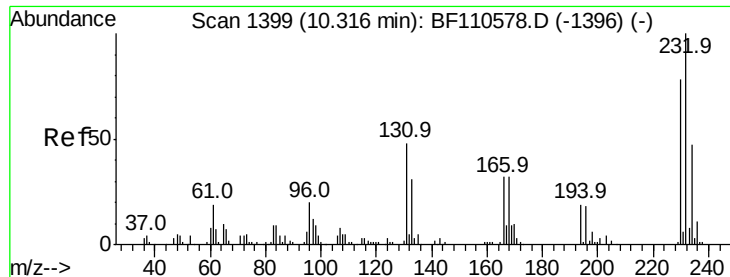


#58
Fluorene
Concen: 45.148 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.4	10.8	16.2

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





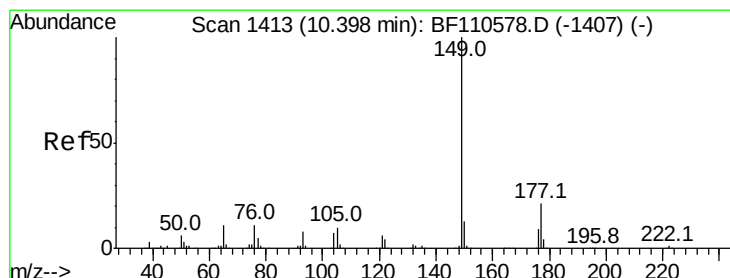
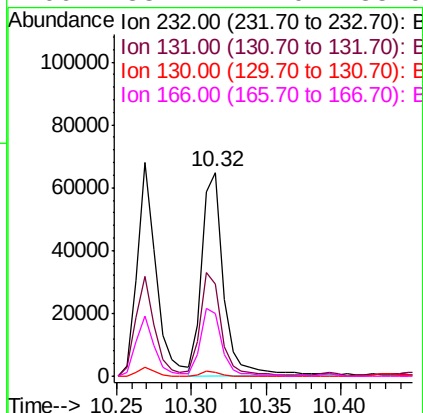
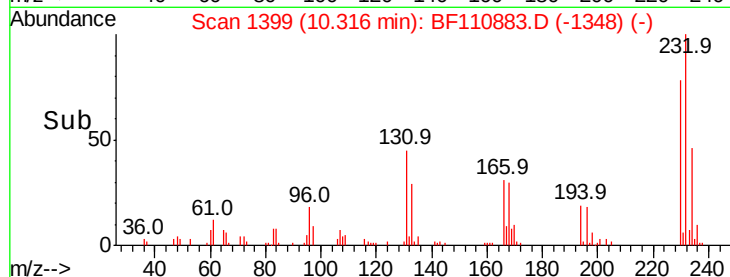
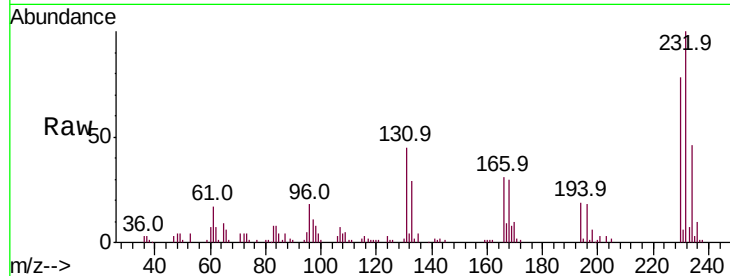
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.172 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleID :
 PB114909BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	37.0	55.4
130	2.2	1.8	2.6
166	33.7	22.0	33.0#

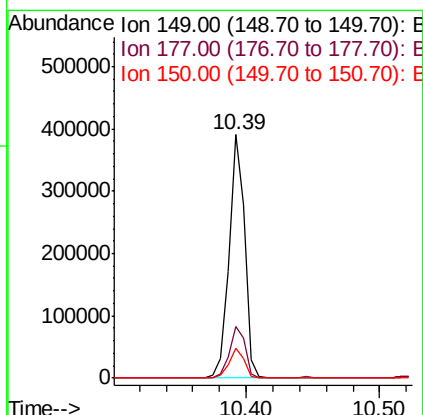
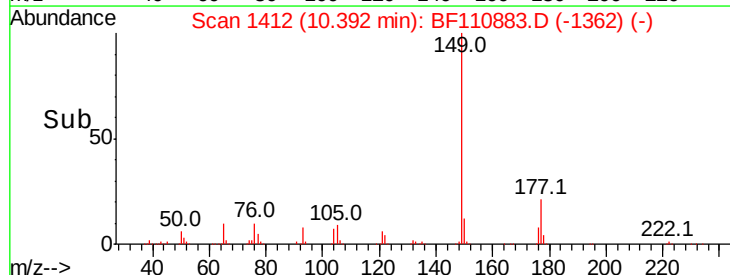
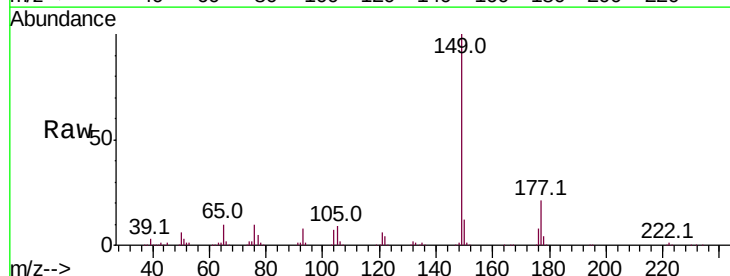
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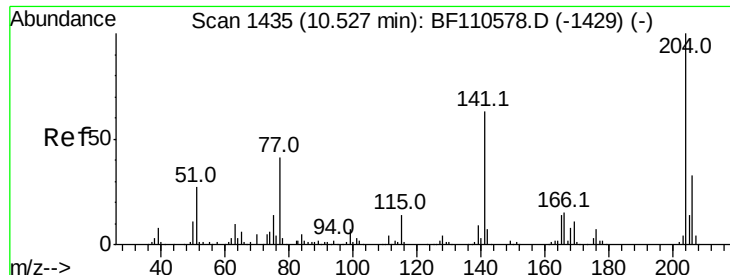
Sohil
 11/20/2018 11:07:58 AM



#60
 Diethylphthalate
 Concen: 47.631 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.2	9.8	14.8





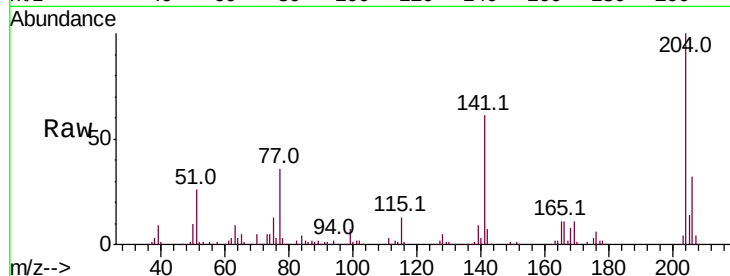
#61
4-Chlorophenyl-phenylether
Concen: 42.963 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

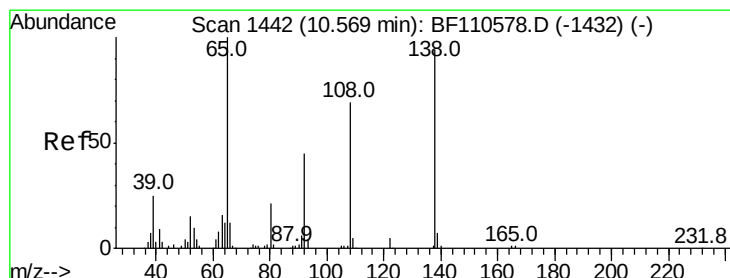
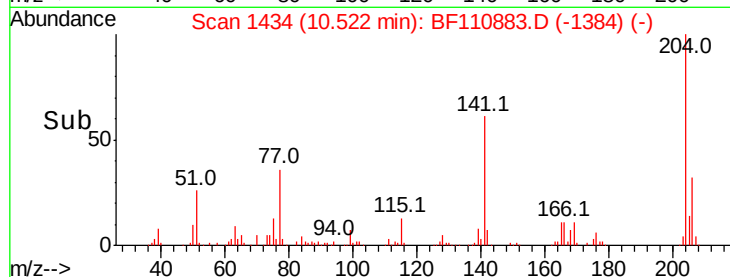
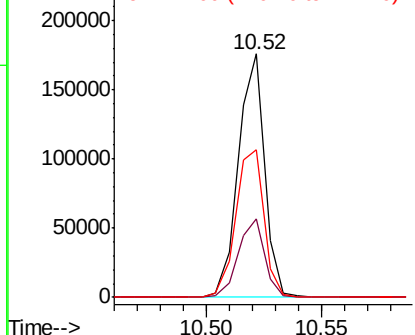
Tot Ion	Ratio	Resp	Lower	Upper
204	100	139890		
206	32.2	26.5	39.7	
141	60.8	51.8	77.8	

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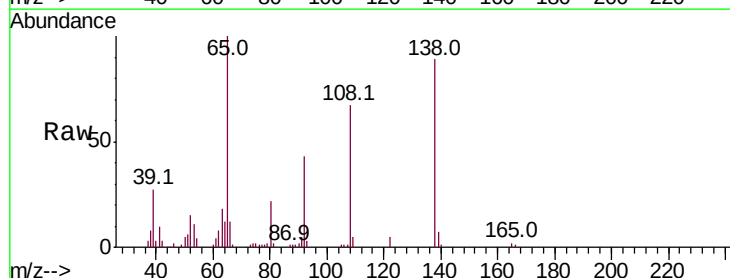


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

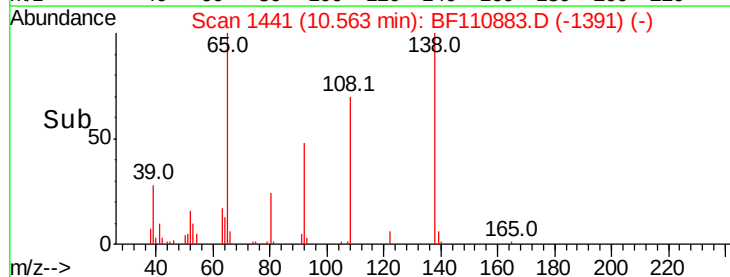
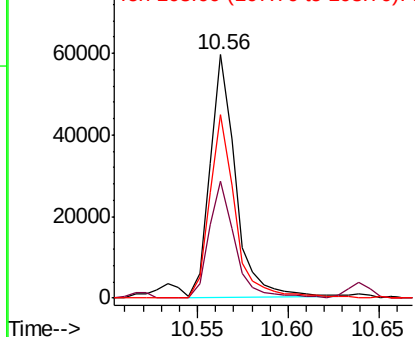


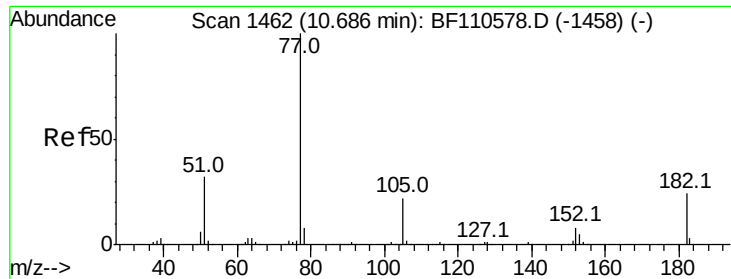
#62
4-Nitroaniline
Concen: 32.661 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	57221		
92	48.0	31.7	71.7	
108	75.3	59.3	99.3	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





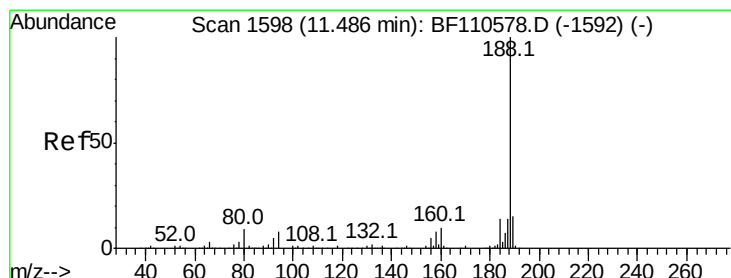
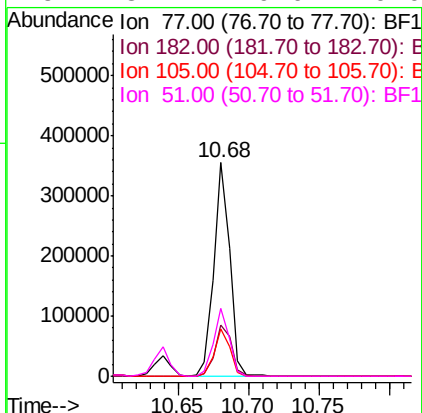
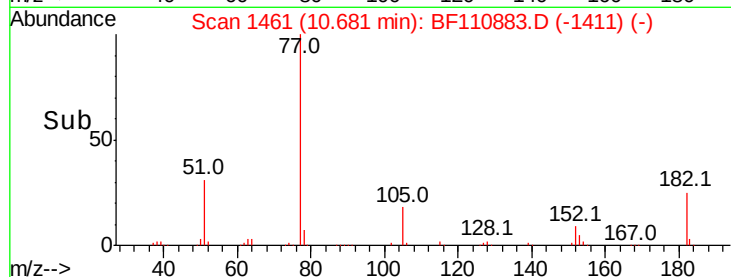
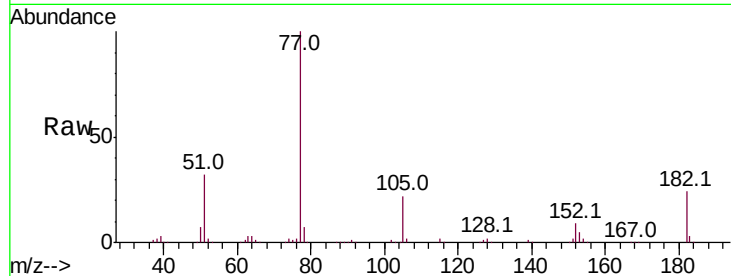
#63
Azobenzene
Concen: 42.295 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.3	44.3
105	22.2	1.3	41.3
51	31.7	9.0	49.0

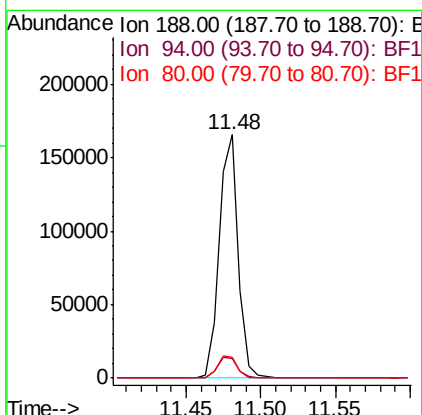
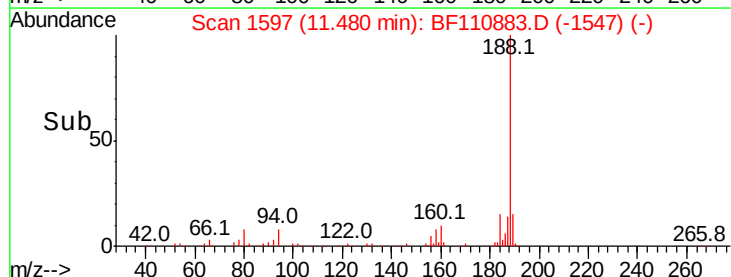
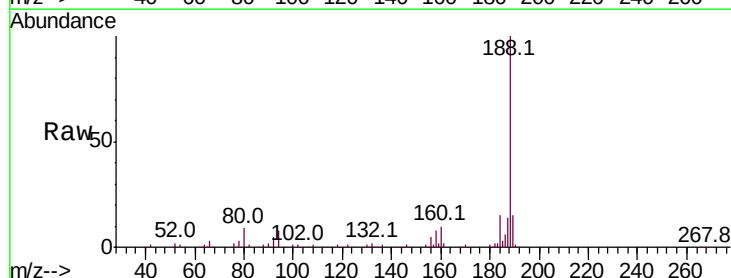
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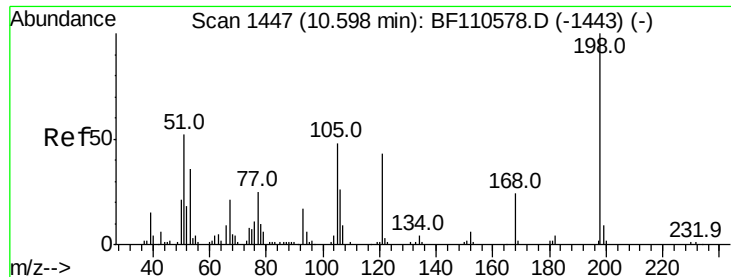
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.5	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 7.941 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Instrument :

BNA_F

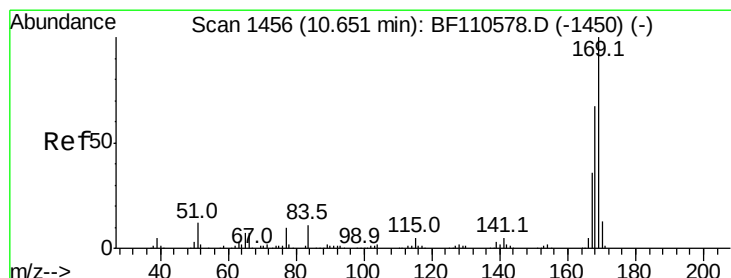
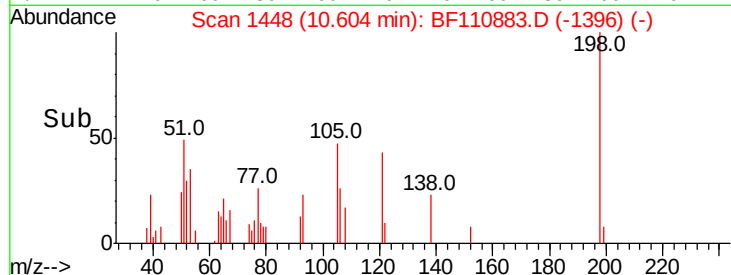
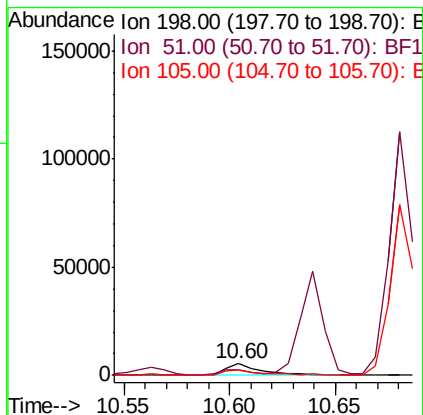
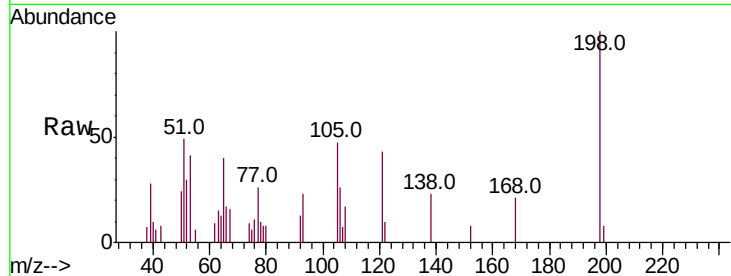
ClientSampleId :

PB114909BSD

Tot Ion:	198	Resp:	5945
Ion Ratio	Lower	Upper	
198	100		
51	48.6	22.8	62.8
105	46.9	23.6	63.6

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#66

n-Nitrosodiphenylamine

Concen: 49.484 ng

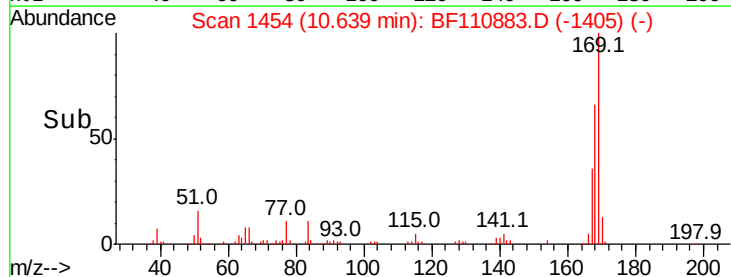
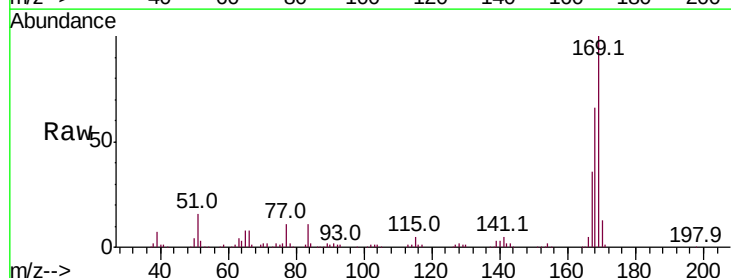
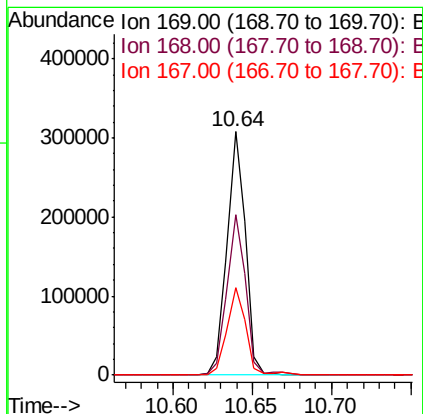
RT: 10.64 min Scan# 1454

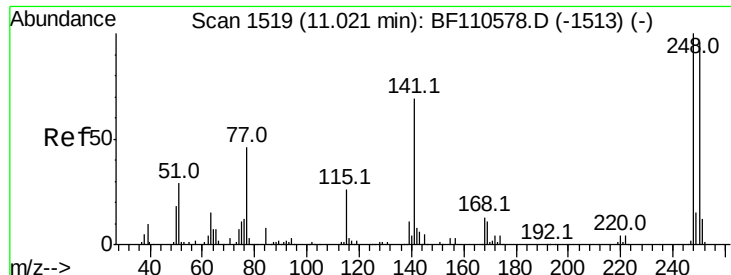
Delta R.T. -0.01 min

Lab File: BF110883.D

Acq: 20 Nov 2018 5:44

Tgt Ion:	169	Resp:	247752
Ion Ratio	Lower	Upper	
169	100		
168	65.9	51.2	76.8
167	36.1	27.8	41.6





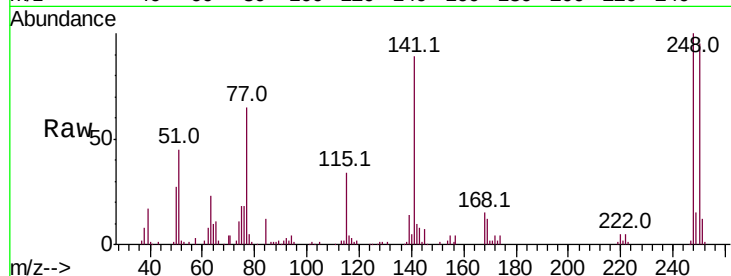
#67
4-Bromophenyl-phenylether
Concen: 46.607 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.4	119.2
141	88.5	55.9	83.9#

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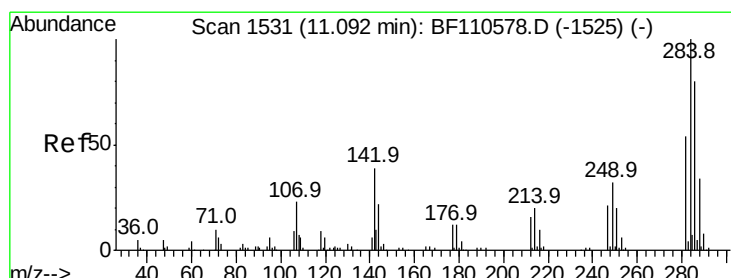
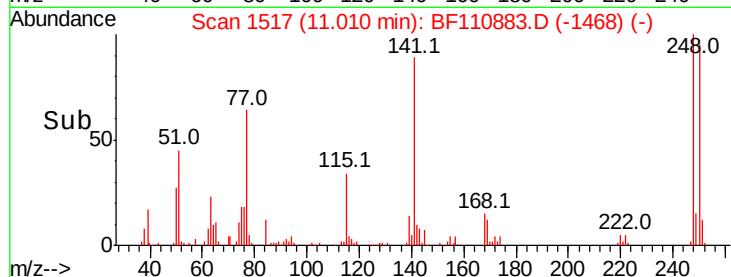
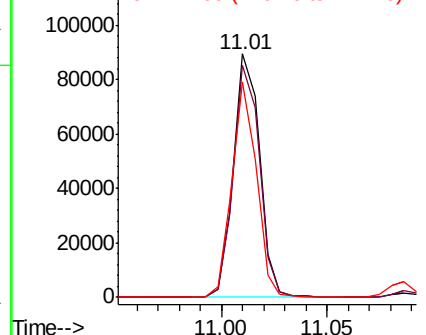


Abundance

Ion 248.00 (247.70 to 248.70): E

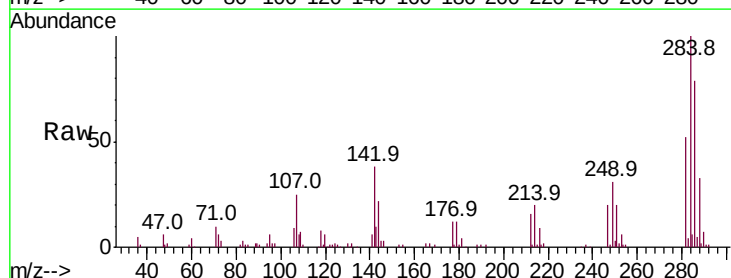
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.525 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.9	35.9#
249	31.1	24.2	36.2

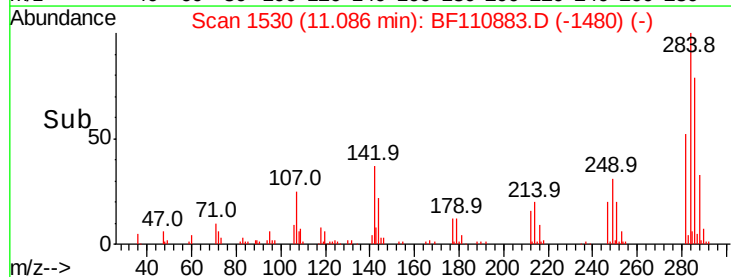
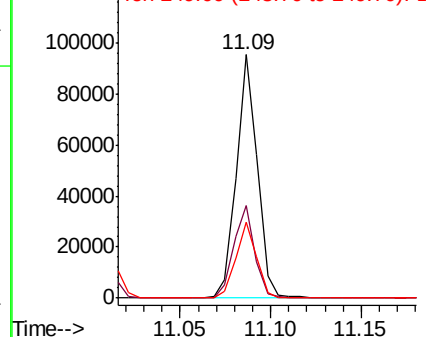


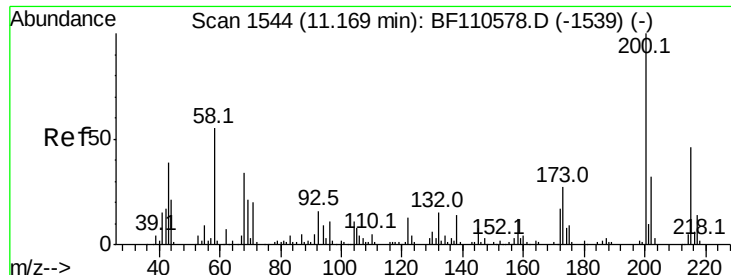
Abundance

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





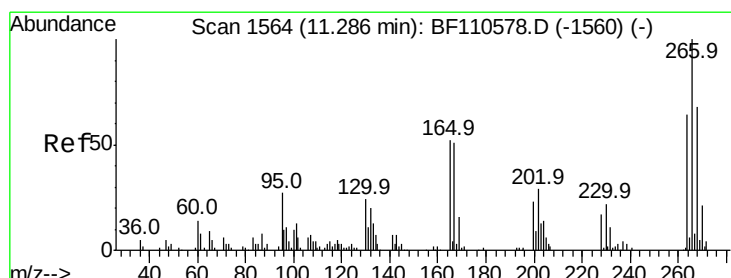
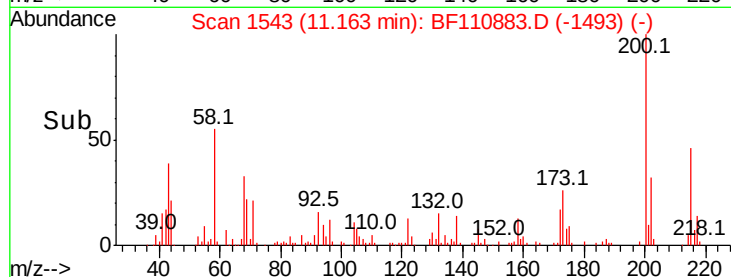
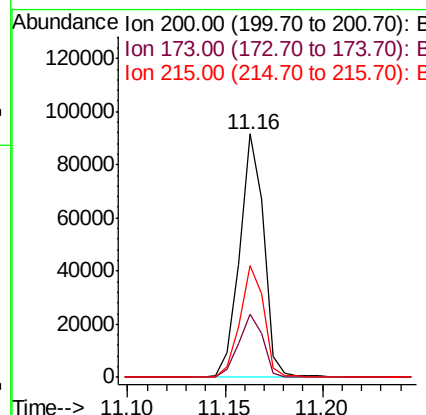
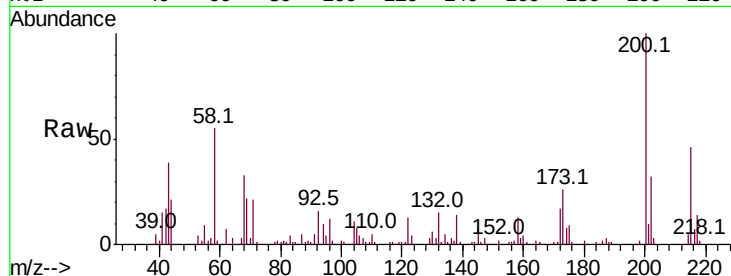
#69
 Atrazine
 Concen: 51.241 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	46.1	26.3	66.3

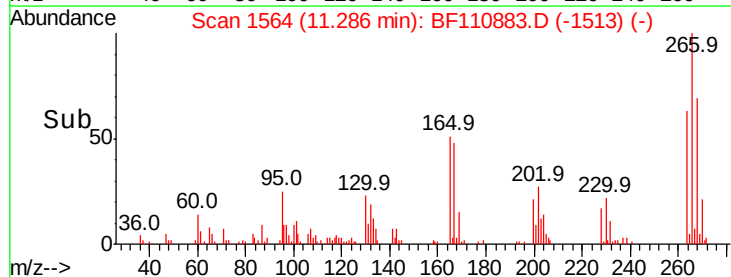
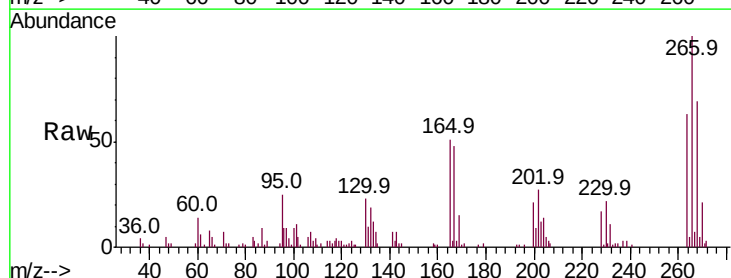
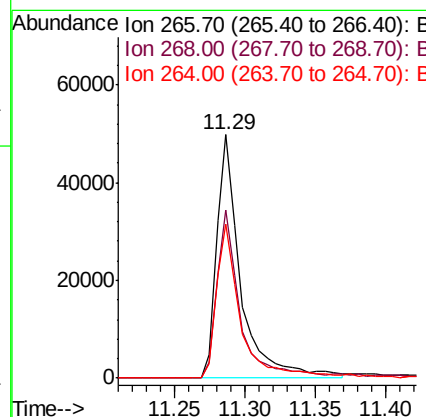
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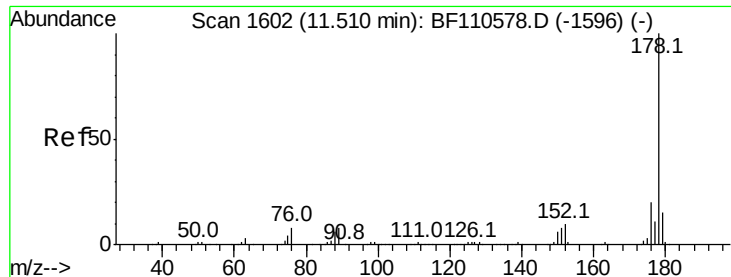
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#70
 Pentachlorophenol
 Concen: 63.459 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	50.6	75.8
264	63.1	50.6	75.8





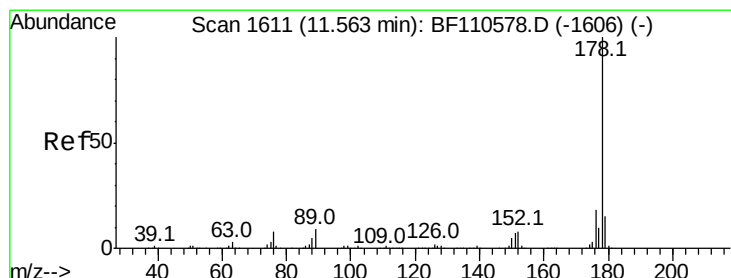
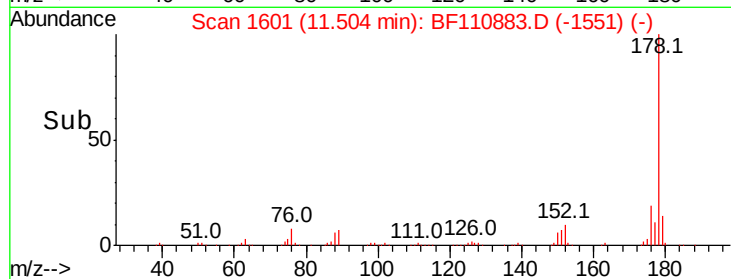
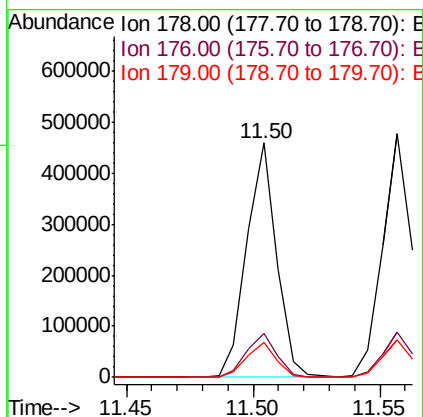
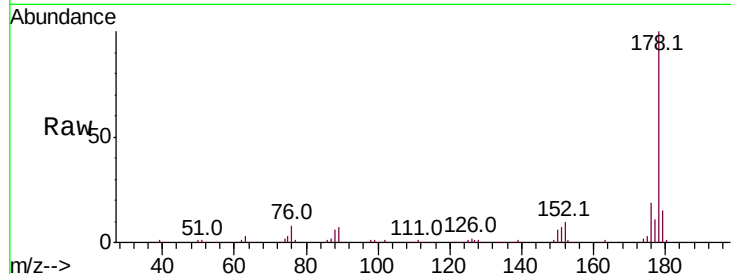
#71
Phenanthrene
Concen: 47.532 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

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

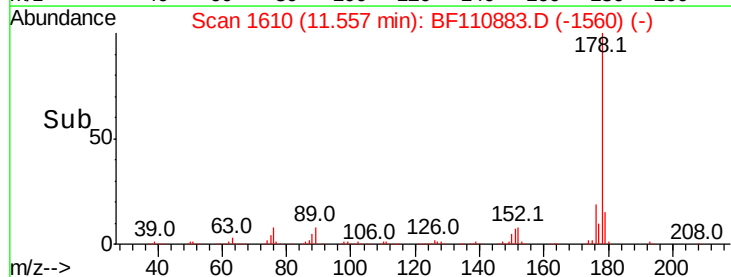
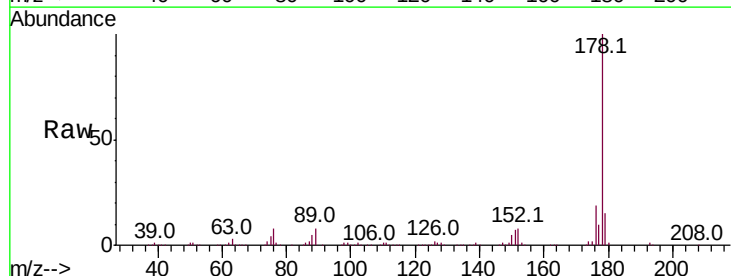
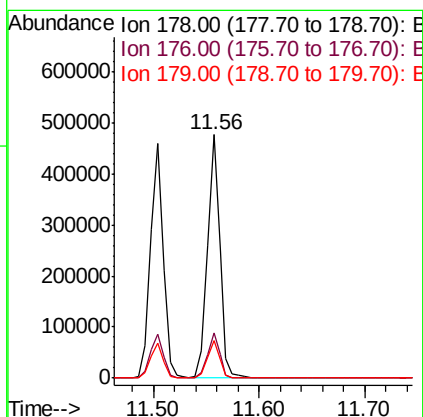
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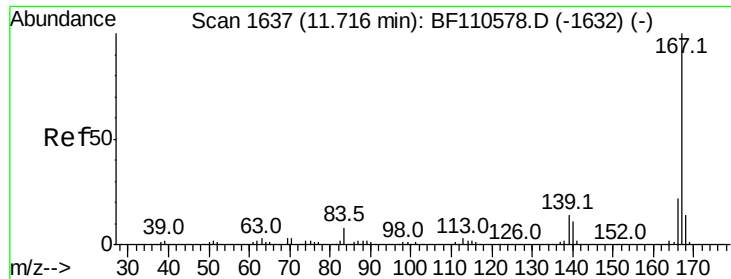
Sohil
11/20/2018 11:07:58 AM



#72
Anthracene
Concen: 48.892 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	18.8





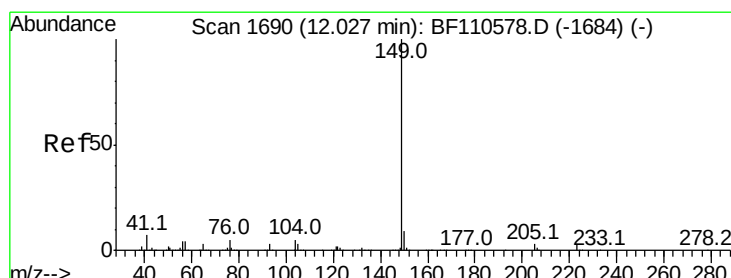
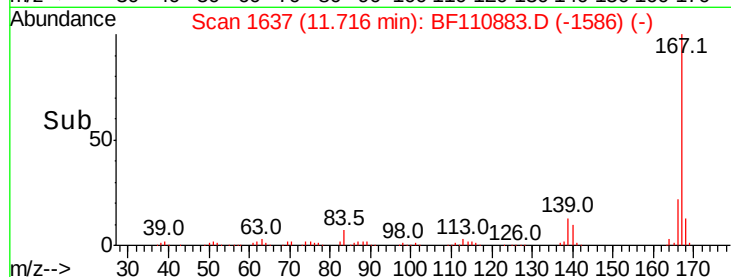
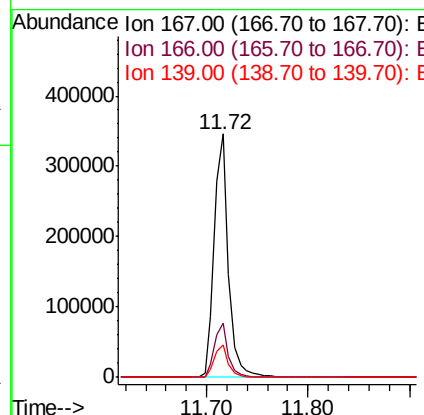
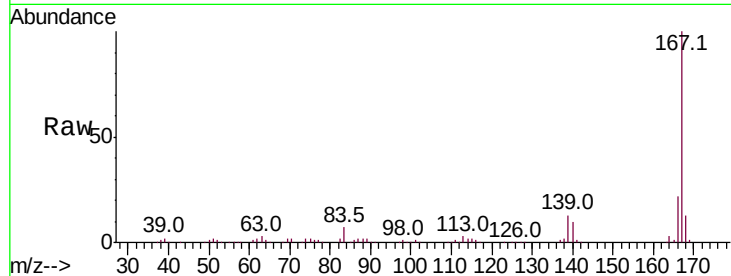
#73
 Carbazole
 Concen: 43.661 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.2	10.9	16.3

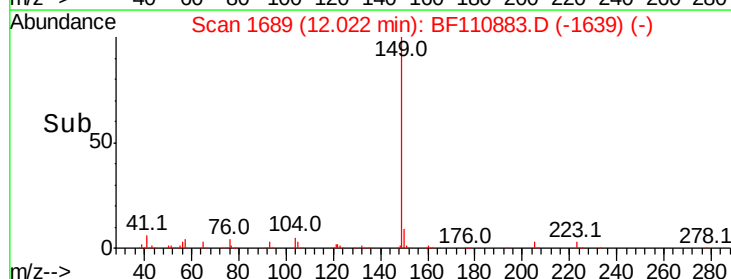
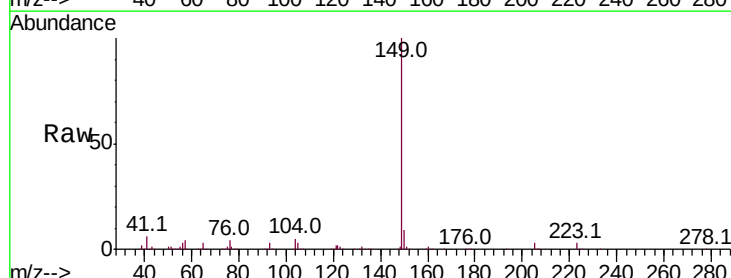
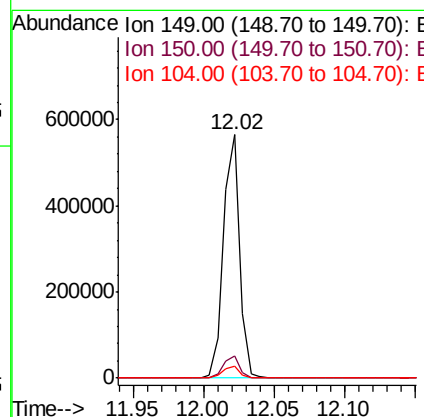
Manual Integrations
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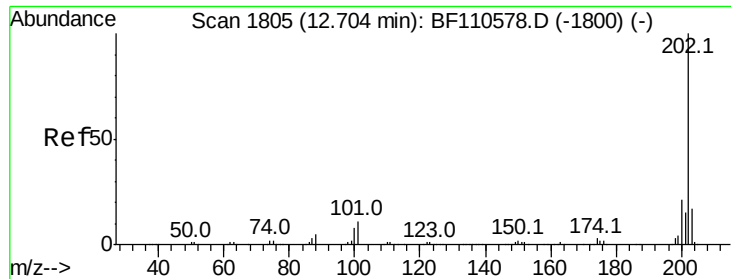
Sohil
 11/20/2018 11:07:58 AM



#74
 Di-n-butylphthalate
 Concen: 49.715 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.7	4.2	6.4





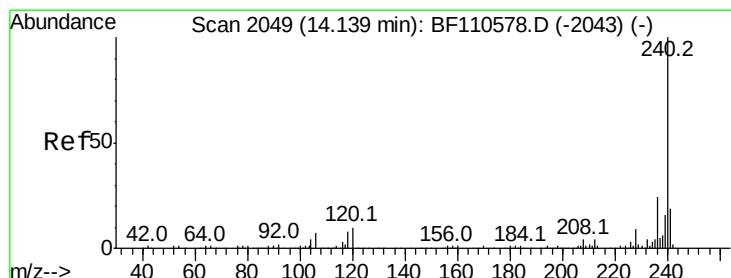
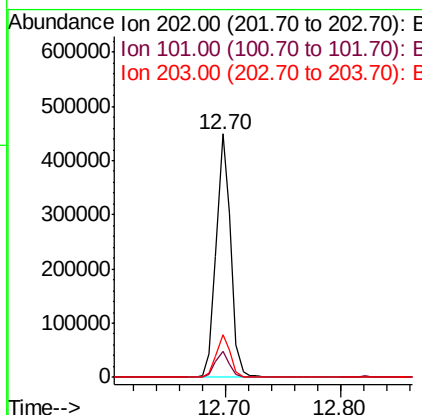
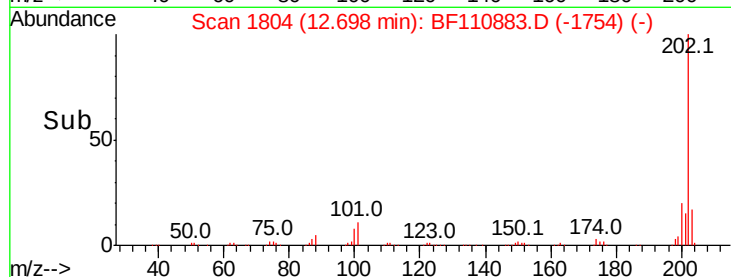
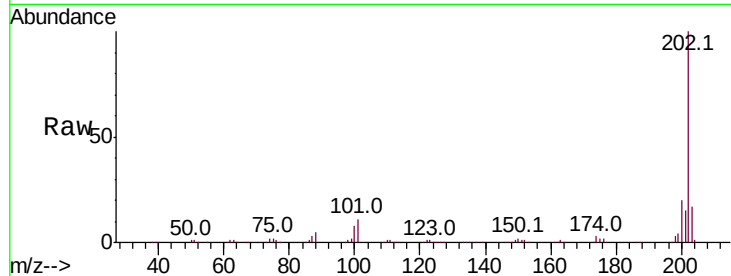
#75
 Fluoranthene
 Concen: 48.871 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7

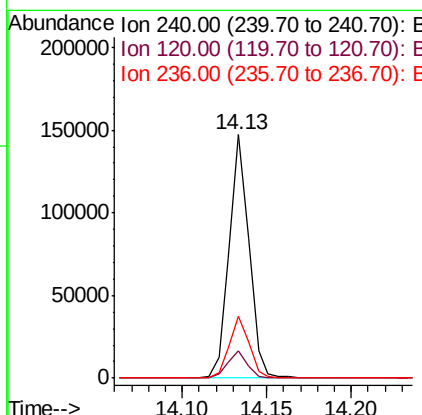
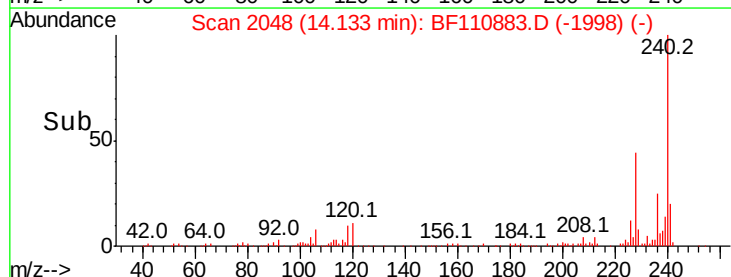
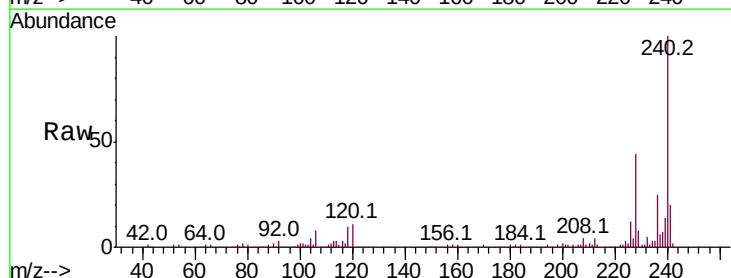
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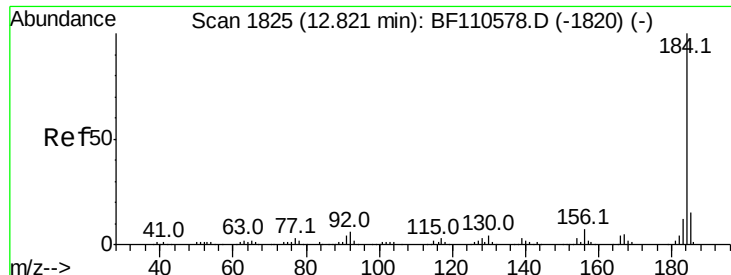
Sohil
 11/20/2018 11:07:58 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.3	21.2	31.8





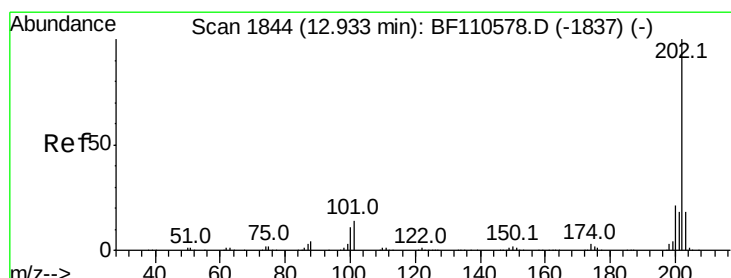
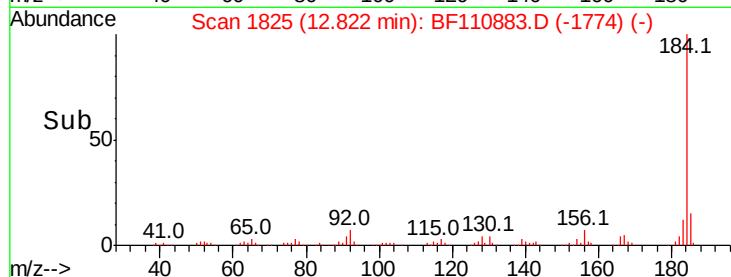
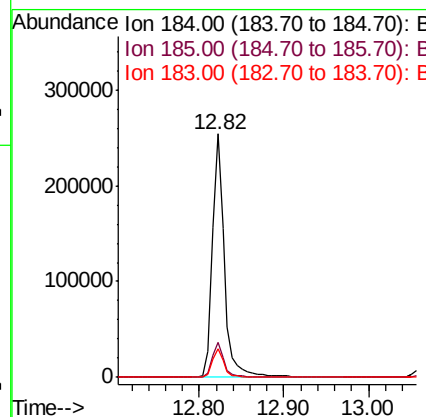
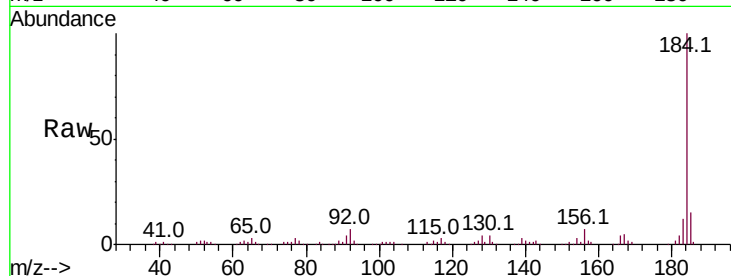
#77
Benzidine
Concen: 76.914 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	13.4	20.2	
183	11.8	9.4	14.2	

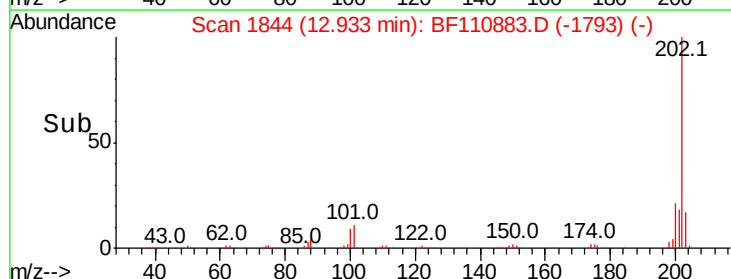
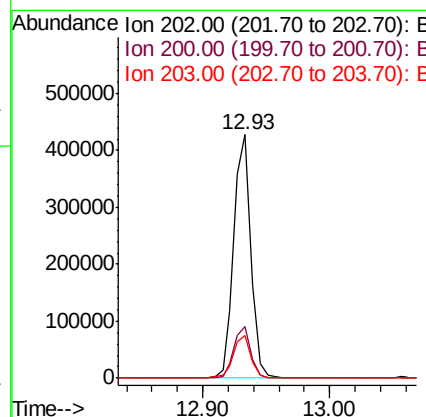
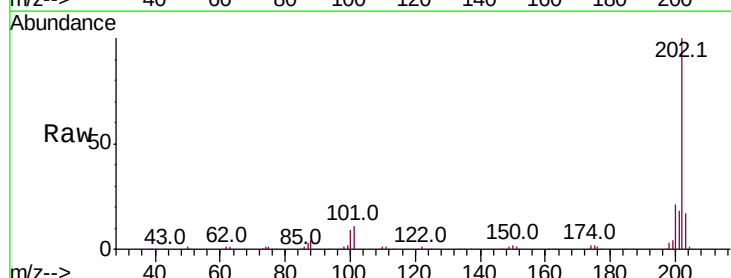
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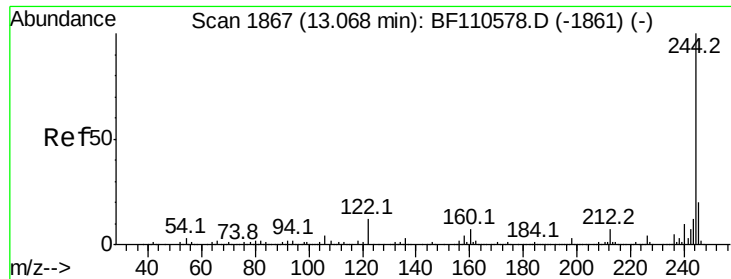
Sohil
11/20/2018 11:07:58 AM



#78
Pyrene
Concen: 42.792 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	17.8	26.6	
203	17.5	14.2	21.4	





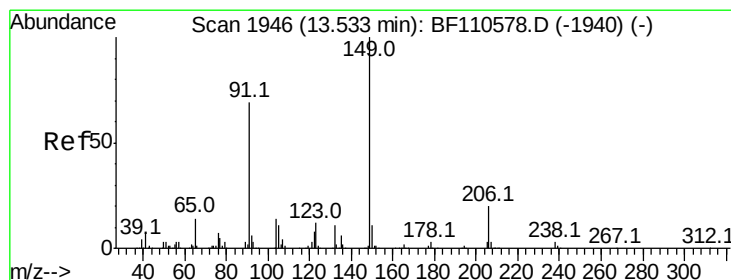
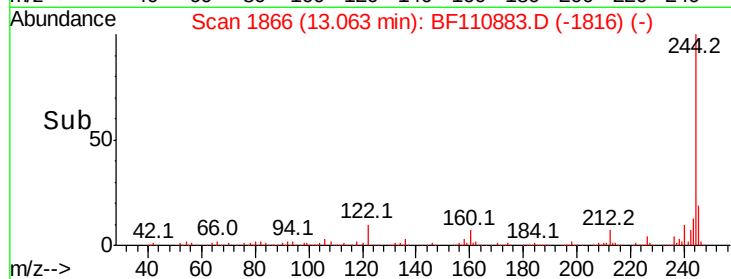
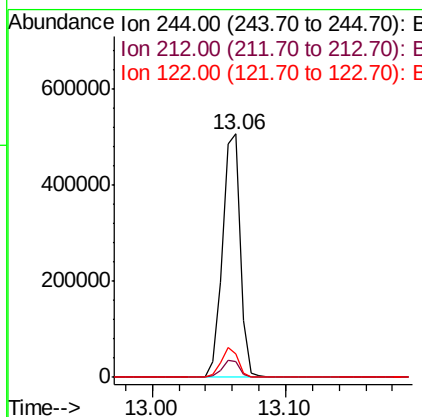
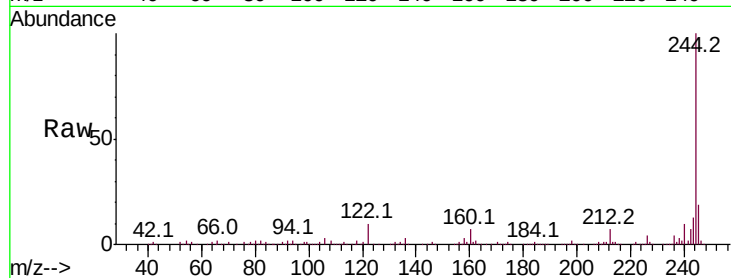
#79
 Terphenyl-d14
 Concen: 74.898 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.8	8.8	
122	9.9	8.7	13.1	

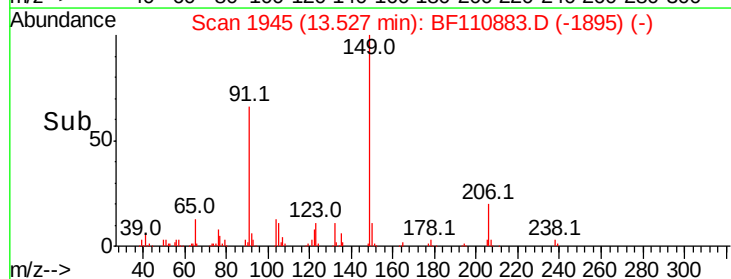
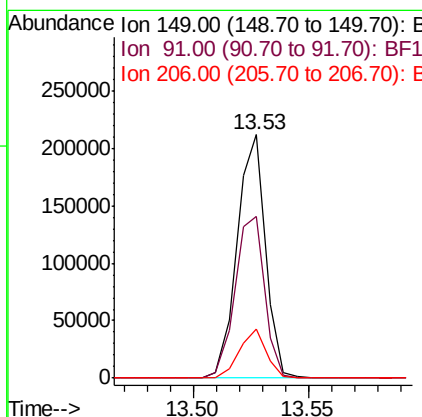
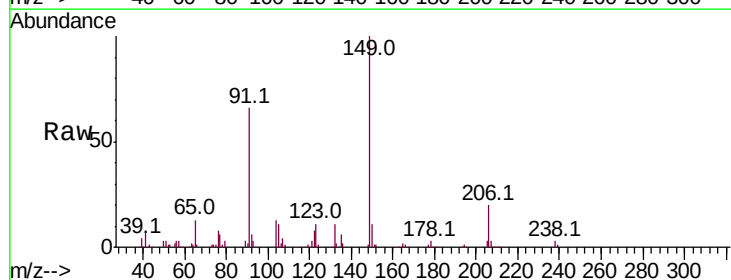
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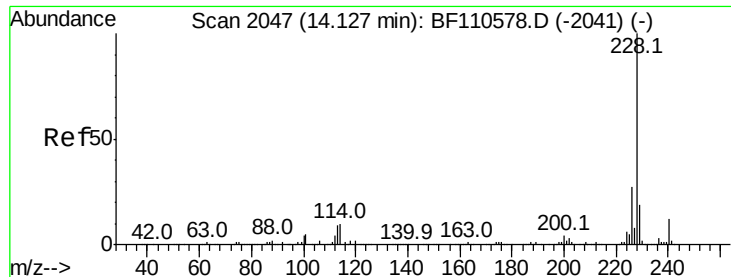
Sohil
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#80
 Butylbenzylphthalate
 Concen: 45.602 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110883.D
 Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	66.2	57.2	85.8	
206	20.3	15.7	23.5	





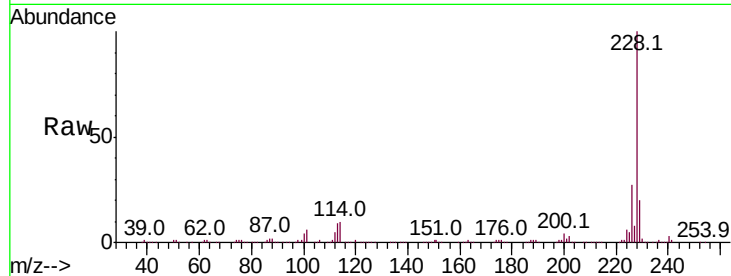
#81
Benzo(a)anthracene
Concen: 47.643 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	19.6	15.6	23.4

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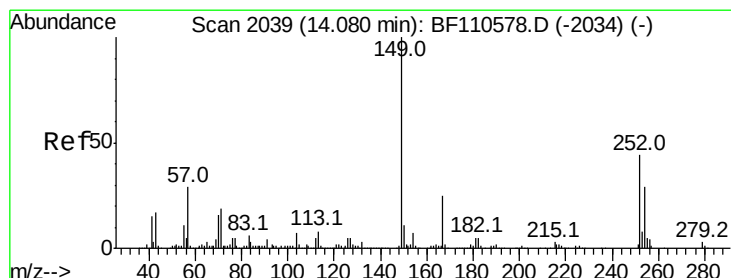
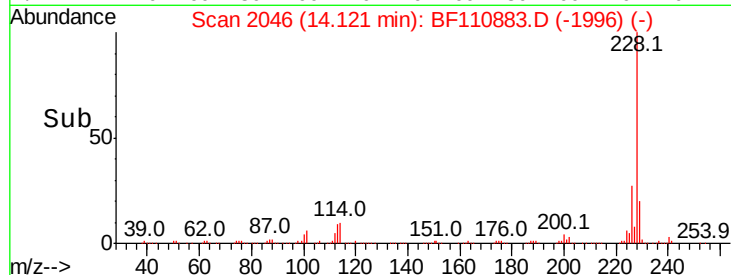
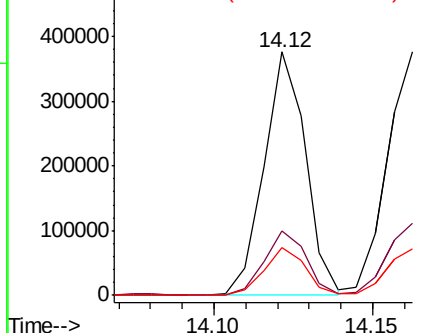


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 47.825 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

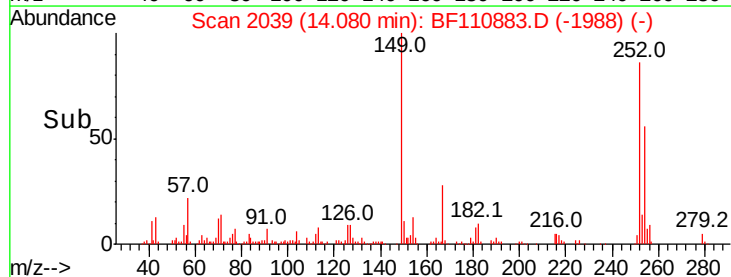
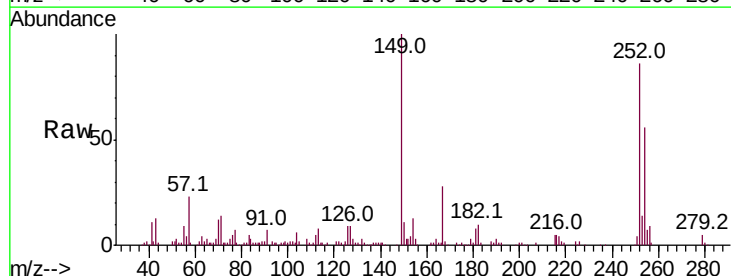
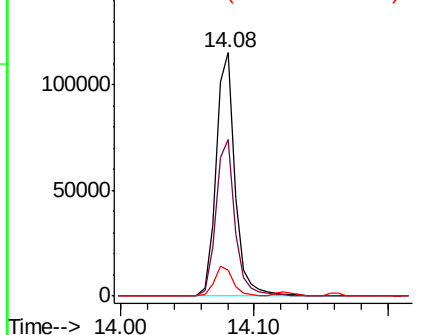
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	10.8	9.4	14.2

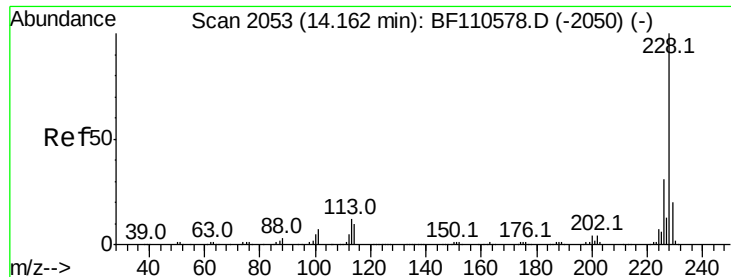
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





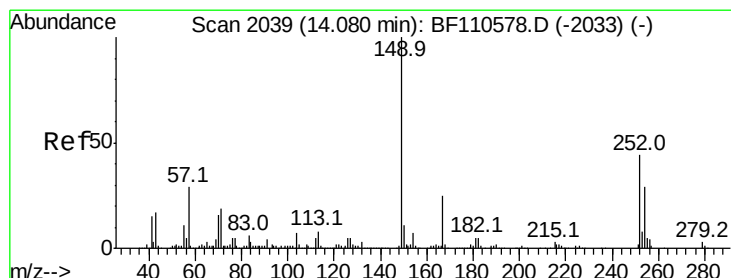
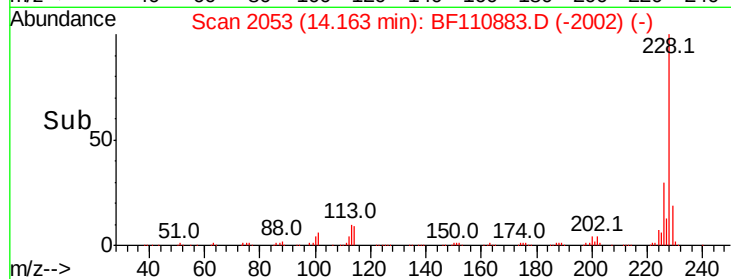
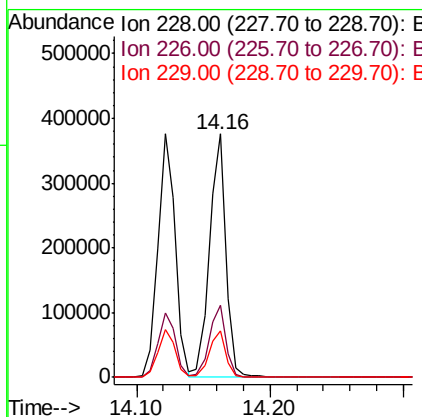
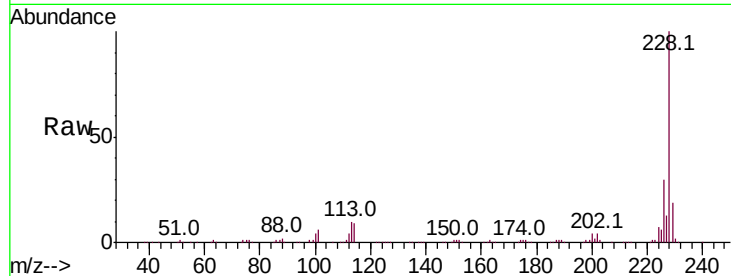
#83
Chrysene
Concen: 47.234 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	323811		
226	29.9	24.7	37.1	
229	19.3	15.9	23.9	

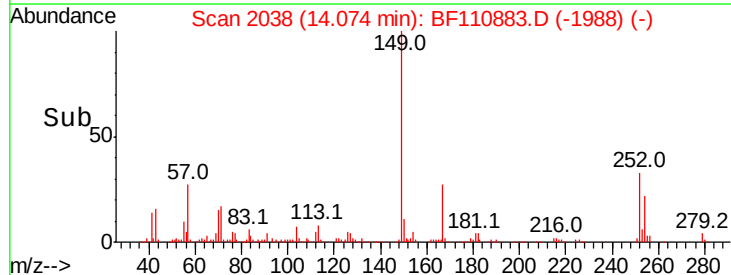
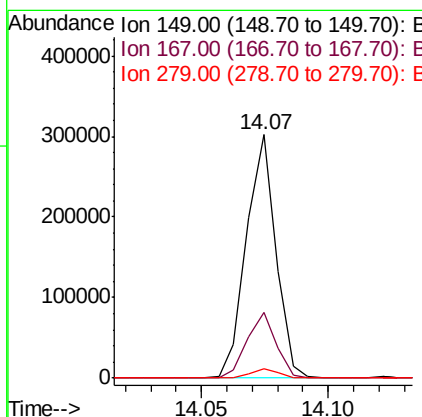
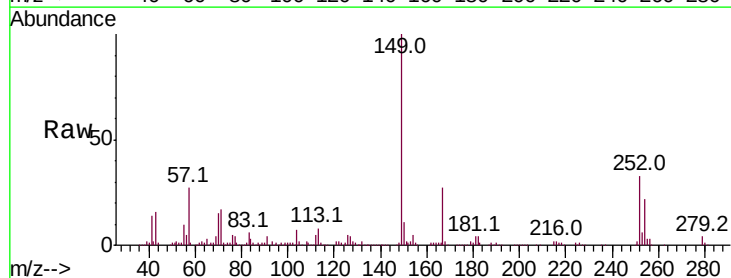
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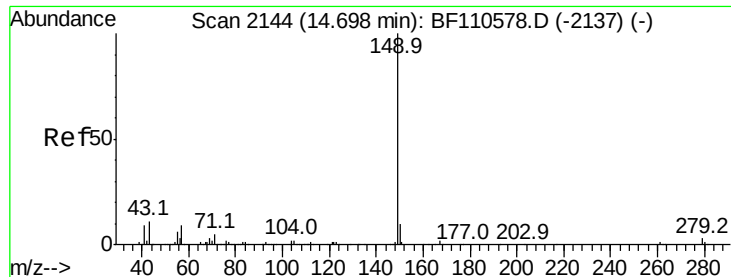
Sohil
11/20/2018 11:07:58 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.695 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	245962		
167	26.8	19.8	29.8	
279	3.9	2.7	4.1	





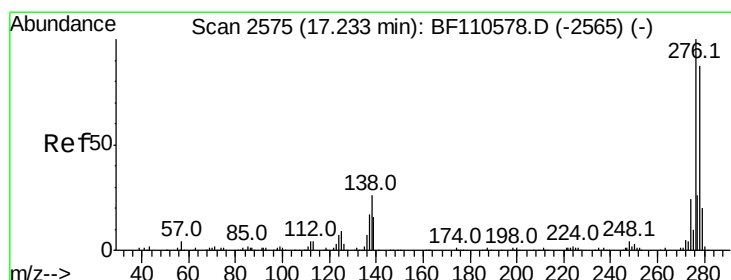
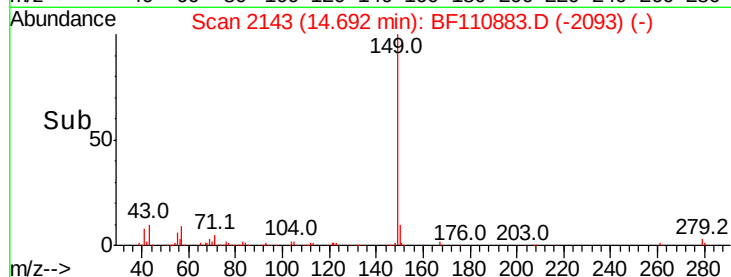
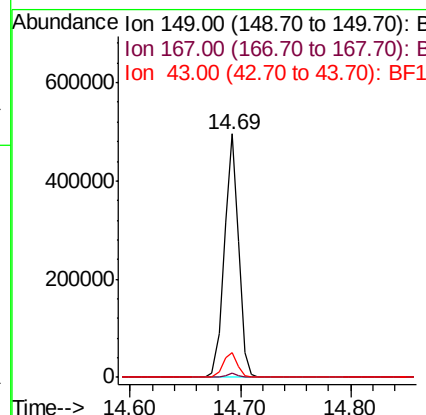
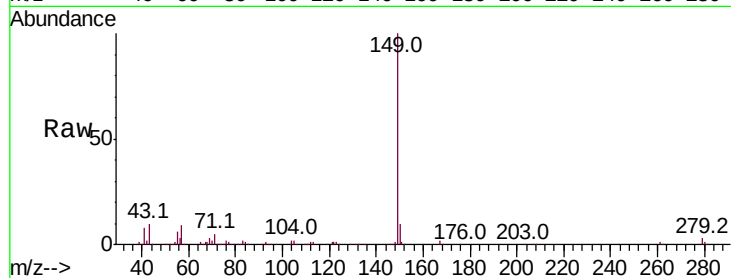
#85
Di-n-octyl phthalate
Concen: 60.718 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.4	7.8	11.8	

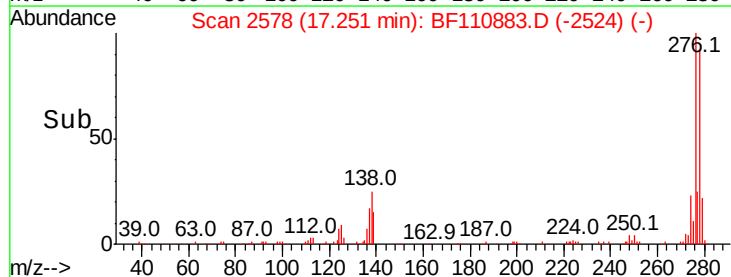
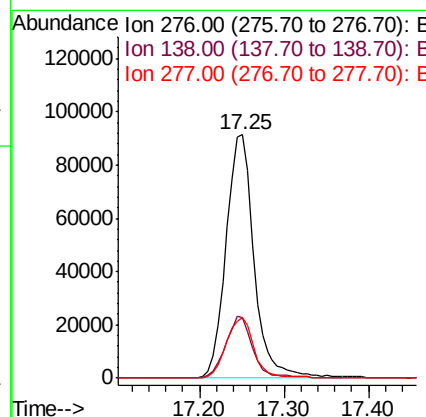
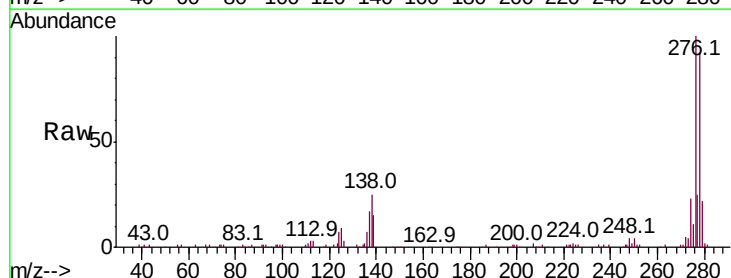
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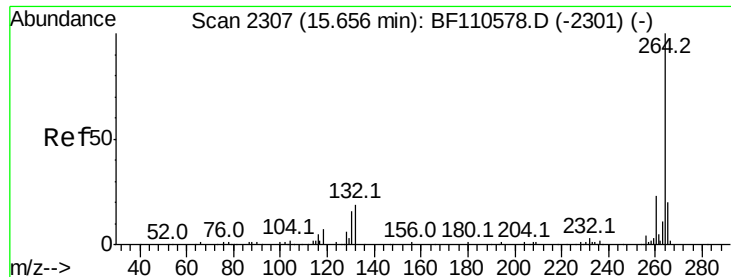
Sohil
11/20/2018 11:07:58 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.725 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.4	18.5	27.7	
277	24.7	20.0	30.0	





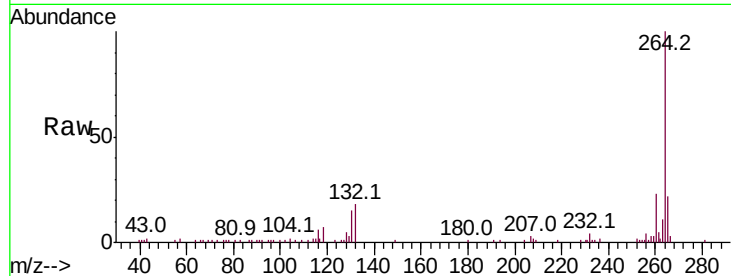
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

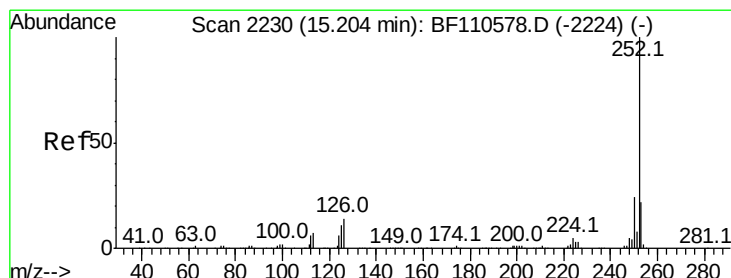
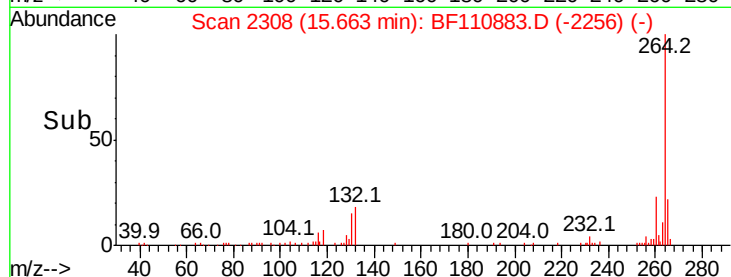
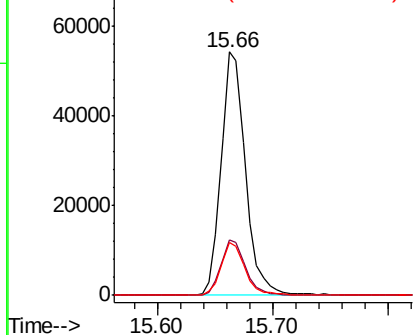
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.9	16.7	25.1

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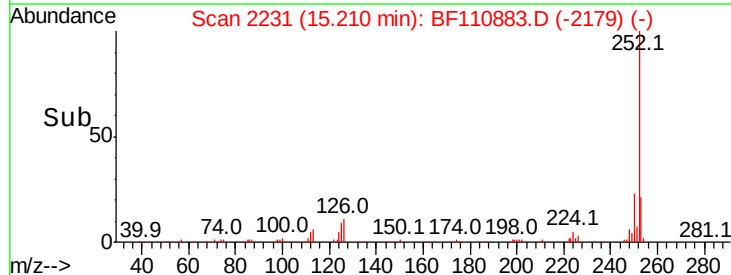
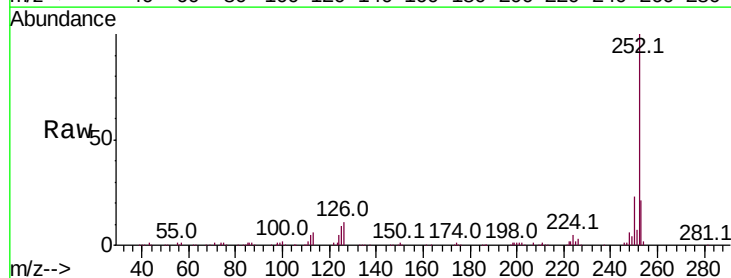
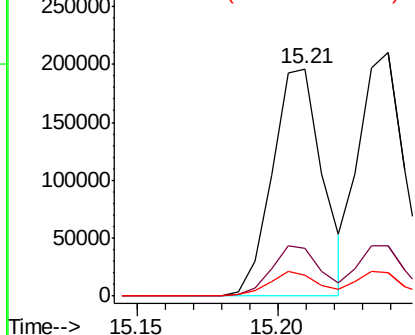
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

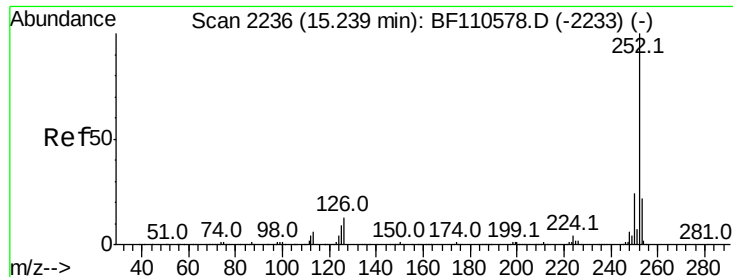


#88
Benzo(b)fluoranthene
Concen: 51.114 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	9.1	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





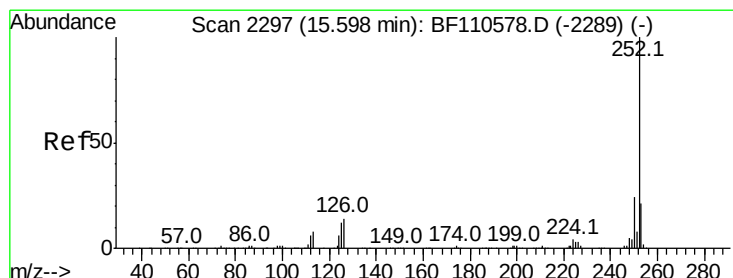
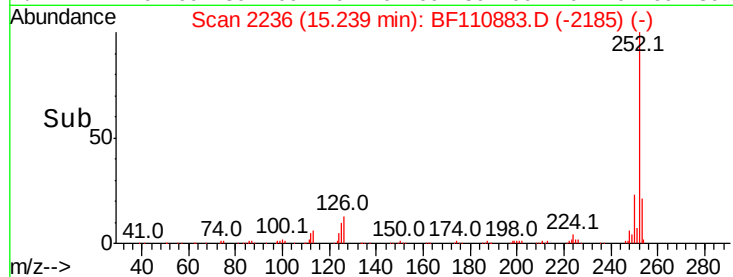
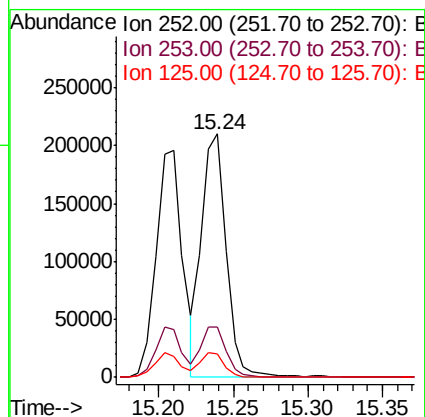
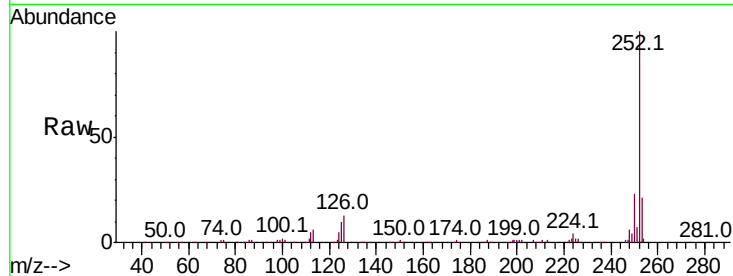
#89
Benzo(k)fluoranthene
Concen: 50.773 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	9.7	7.4	11.0

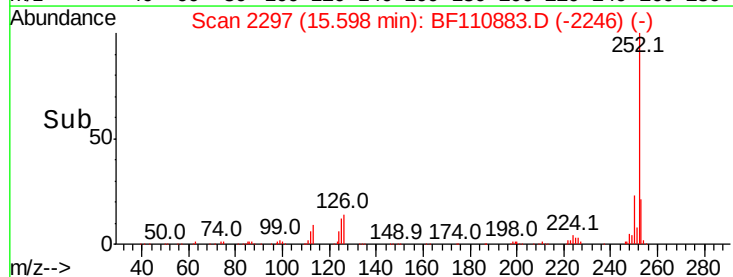
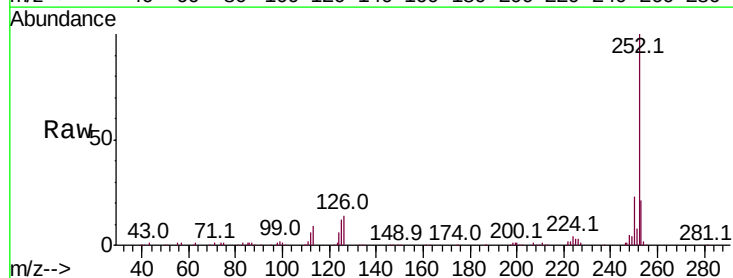
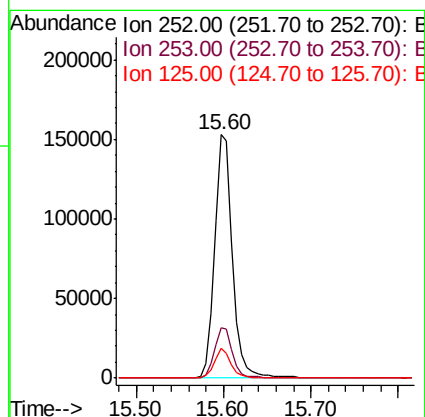
Manual Integrations
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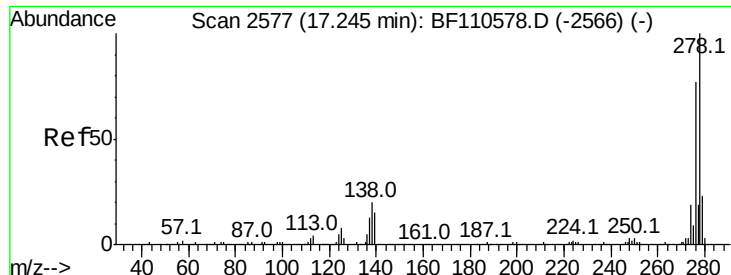
Sohil
11/20/2018 11:07:58 AM



#90
Benzo(a)pyrene
Concen: 50.121 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.4
125	12.1	9.0	13.6





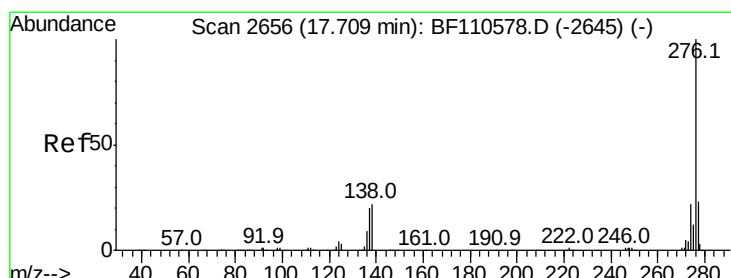
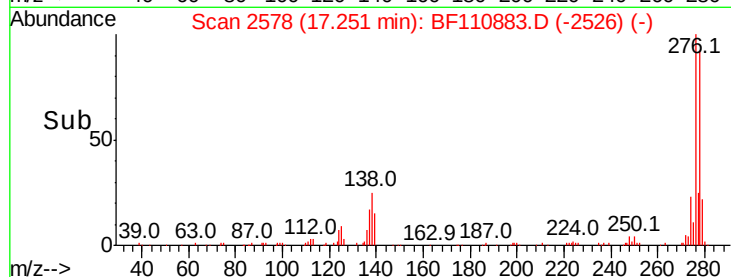
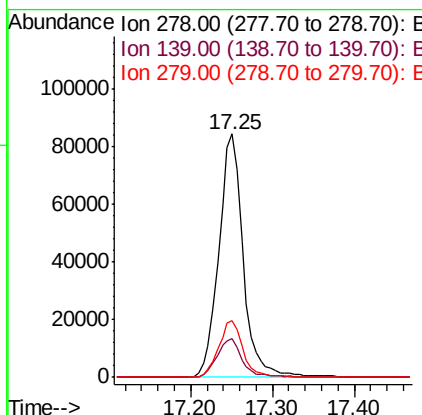
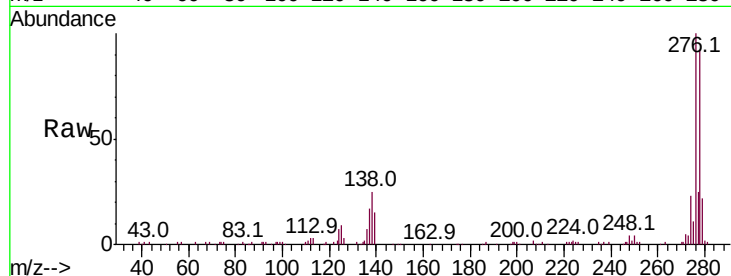
#91
Dibenzo(a,h)anthracene
Concen: 48.252 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Instrument :
BNA_F
ClientSampleId :
PB114909BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.4	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/20/2018 11:07:58 AM



#92
Benzo(g,h,i)perylene
Concen: 47.555 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110883.D
Acq: 20 Nov 2018 5:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	23.0	16.0	24.0

