

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102518\
 Data File : BF110185.D
 Acq On : 26 Oct 2018 2:35
 Operator : JU/SJ
 Sample : J5626-02MS 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Manual Integrations
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Sohil
 10/26/2018 3:49:32 PM

Quant Time: Oct 26 07:29:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119815	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	451797	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	178225	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	290208	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	215635	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160490	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	39284	5.34	ng	-0.02
7) Phenol-d6	6.58	99	51000	5.42	ng	-0.02
23) Nitrobenzene-d5	7.52	82	28600	3.75	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7192	4.07	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	56507	4.98	ng	-0.02
79) Terphenyl-d14	13.09	244	45910	4.43	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	3329	0.864	ng	# 68
3) Pyridine	3.70	79	1911	0.223	ng	# 71
4) n-Nitrosodimethylamine	3.56	42	3832	1.065	ng	# 74
6) Aniline	6.63	93	7135	0.582	ng	# 61
8) 2-Chlorophenol	6.75	128	13924	1.641	ng	96
9) Benzaldehyde	6.52	77	6839	0.237	ng	91
10) Phenol	6.59	94	23021	2.288	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	13756	1.662	ng	96
12) 1,3-Dichlorobenzene	6.91	146	14614	1.565	ng	94
13) 1,4-Dichlorobenzene	6.98	146	15305	1.621	ng	99
14) 1,2-Dichlorobenzene	7.13	146	14047	1.603	ng	100
15) Benzyl Alcohol	7.10	79	9980	1.379	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	21072	1.592	ng	70
17) 2-Methylphenol	7.20	107	10136	1.499	ng	# 85
18) Hexachloroethane	7.48	117	3038	0.879	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	8447	1.399	ng	# 90
20) 3+4-Methylphenols	7.36	107	13466	1.541	ng	# 74
22) Acetophenone	7.37	105	18646	1.791	ng	# 91
24) Nitrobenzene	7.55	77	12971	1.649	ng	89
25) Isophorone	7.78	82	23588	1.817	ng	# 91
26) 2-Nitrophenol	7.86	139	3047	0.814	ng	86
27) 2,4-Dimethylphenol	7.89	122	10606	1.709	ng	92
28) bis(2-Chloroethoxy)methane	7.99	93	15007	1.701	ng	95
29) 2,4-Dichlorophenol	8.11	162	9119	1.455	ng	93
30) 1,2,4-Trichlorobenzene	8.19	180	11685	1.664	ng	94
31) Naphthalene	8.27	128	39420	1.893	ng	99
32) Benzoic acid	7.89	122	10606	2.212	ng	# 9
33) 4-Chloroaniline	8.33	127	6784	0.724	ng	# 88
34) Hexachlorobutadiene	8.38	225	6713	1.722	ng	95
35) Caprolactam	8.65	113	324	0.148	ng	# 80
36) 4-Chloro-3-methylphenol	8.79	107	8504	1.255	ng	95
37) 2-Methylnaphthalene	8.96	142	24898	1.807	ng	95
38) 1-Methylnaphthalene	9.06	142	22668m	1.703	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10417	1.876	ng	99

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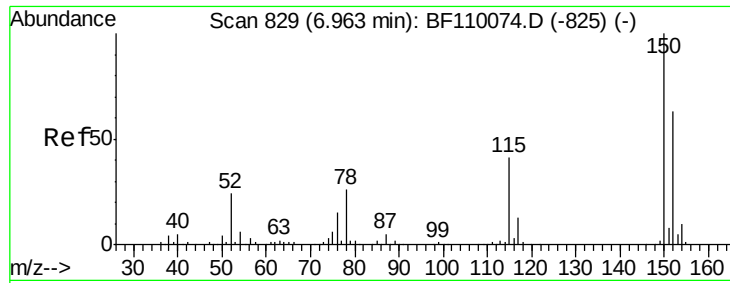
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.29	196	5656	1.579	ng	85
44) 2,4,5-Trichlorophenol	9.29	196	5656	1.494	ng	88
46) 1,1'-Biphenyl	9.43	154	29781	1.848	ng	94
47) 2-Chloronaphthalene	9.46	162	21316	1.803	ng	98
48) 2-Nitroaniline	9.55	65	5471	1.527	ng	98
49) Acenaphthylene	9.87	152	31170	1.825	ng	98
50) Dimethylphthalate	9.72	163	30333	2.306	ng	100
51) 2,6-Dinitrotoluene	9.78	165	2415	0.852	ng	93
52) Acenaphthene	10.04	154	18950	1.678	ng	98
53) 3-Nitroaniline	9.96	138	3786	1.123	ng	82
55) Dibenzofuran	10.22	168	26679	1.687	ng	96
56) 4-Nitrophenol	10.12	139	5412	2.170	ng	92
57) 2,4-Dinitrotoluene	10.19	165	2447	0.680	ng	# 96
58) Fluorene	10.56	166	20996	1.784	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.33	232	4217	1.367	ng	# 95
60) Diethylphthalate	10.42	149	23012	1.792	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	10084	1.624	ng	97
62) 4-Nitroaniline	10.57	138	4015	1.198	ng	95
63) Azobenzene	10.71	77	18748	1.471	ng	93
66) n-Nitrosodiphenylamine	10.66	169	17834	1.874	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	5386	1.711	ng	# 88
68) Hexachlorobenzene	11.11	284	5298	1.586	ng	# 88
69) Atrazine	11.19	200	5449	1.811	ng	99
70) Pentachlorophenol	11.30	266	3093	1.588	ng	96
71) Phenanthrene	11.53	178	31583	2.080	ng	98
72) Anthracene	11.58	178	29908	1.965	ng	98
73) Carbazole	11.73	167	24674	1.660	ng	97
74) Di-n-butylphthalate	12.05	149	34185	2.037	ng	98
75) Fluoranthene	12.72	202	33913	2.201	ng	100
77) Benzidine	12.84	184	629	0.069	ng	# 1
78) Pyrene	12.95	202	35452	2.293	ng	97
80) Butylbenzylphthalate	13.56	149	14106	2.102	ng	97
81) Benzo(a)anthracene	14.14	228	27929	2.184	ng	95
82) 3,3'-Dichlorobenzidine	14.10	252	5199	1.168	ng	# 89
83) Chrysene	14.17	228	26219m	2.159	ng	
84) Bis(2-ethylhexyl)phthalate	14.11	149	19958	2.200	ng	# 97
85) Di-n-octyl phthalate	14.73	149	29297	2.077	ng	# 86
86) Indeno(1,2,3-cd)pyrene	17.24	276	16829	1.670	ng	# 90
88) Benzo(b)fluoranthene	15.22	252	21043	2.271	ng	# 70
89) Benzo(k)fluoranthene	15.25	252	17635	1.936	ng	# 58
90) Benzo(a)pyrene	15.61	252	17856	2.094	ng	# 59
91) Dibenzo(a,h)anthracene	17.26	278	13387	1.819	ng	# 65
92) Benzo(g,h,i)perylene	17.73	276	13681	1.887	ng	# 71

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



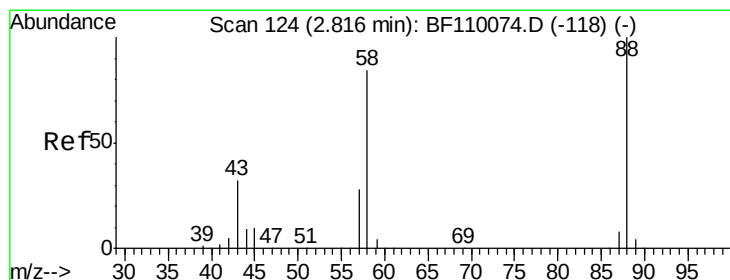
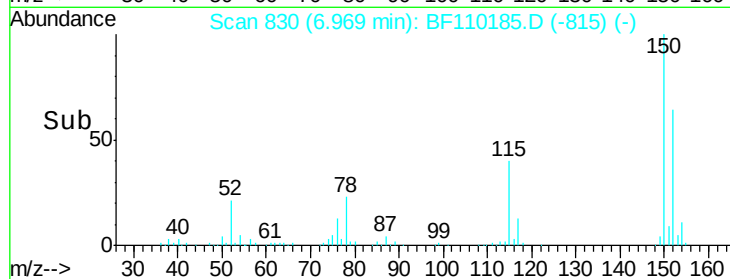
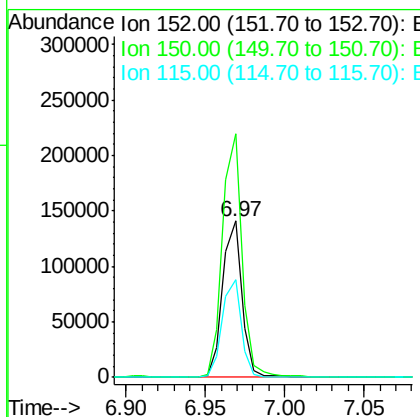
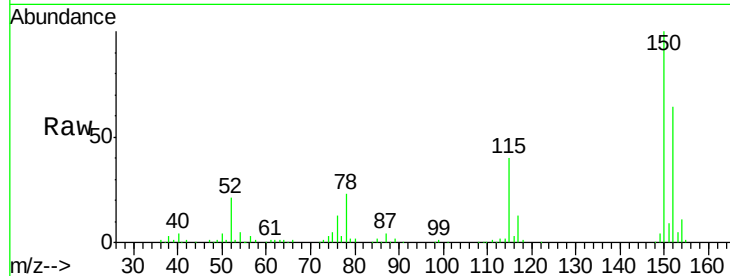
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	119815		
150	155.9	122.7	184.1	
115	62.8	49.1	73.7	

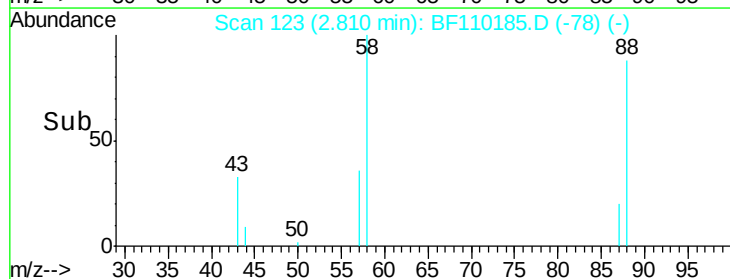
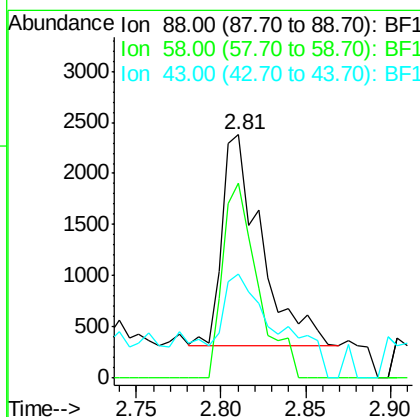
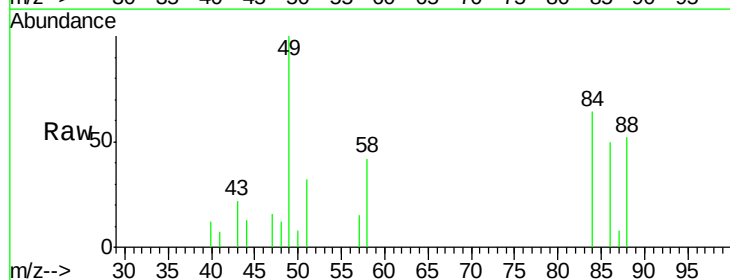
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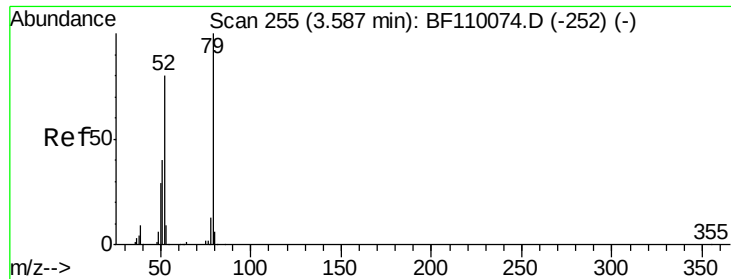
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#2
 1,4-Dioxane
 Concen: 0.864 ng
 RT: 2.81 min Scan# 123
 Delta R.T. -0.04 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	3329		
58	83.1	57.1	85.7	
43	70.0	24.1	36.1	





#3

Pyridine

Concen: 0.223 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.08 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

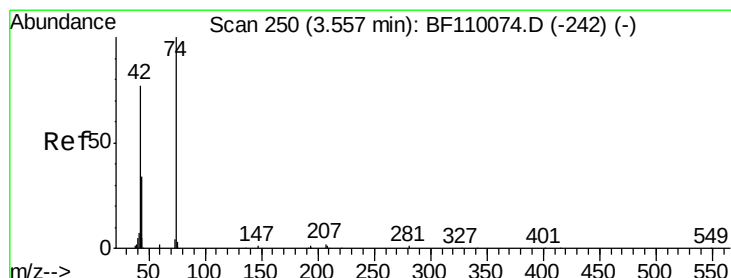
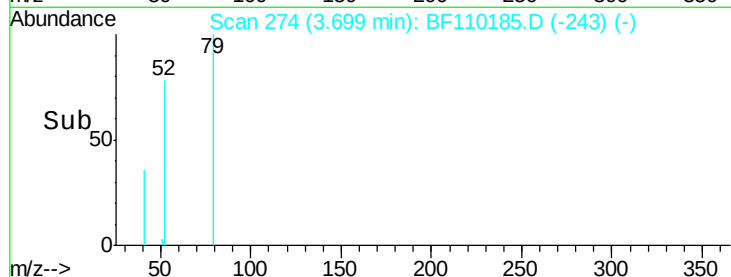
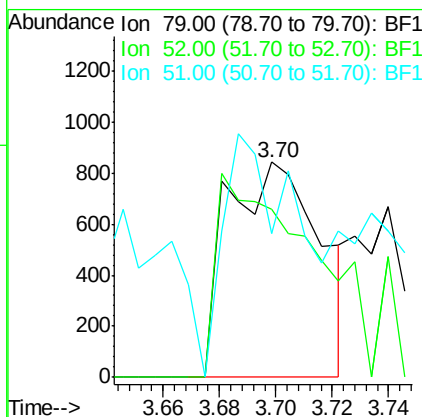
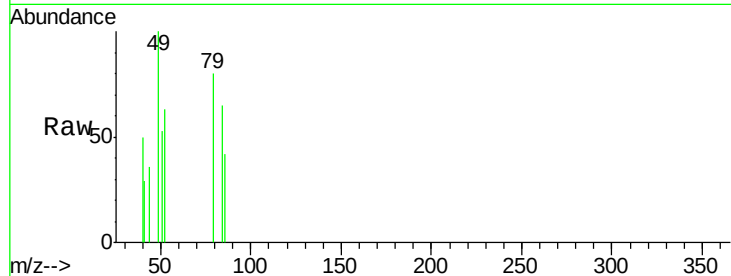
ClientSampleId :

PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.2	53.1	79.7
51	66.6	27.4	41.2#

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#4

n-Nitrosodimethylamine

Concen: 1.065 ng

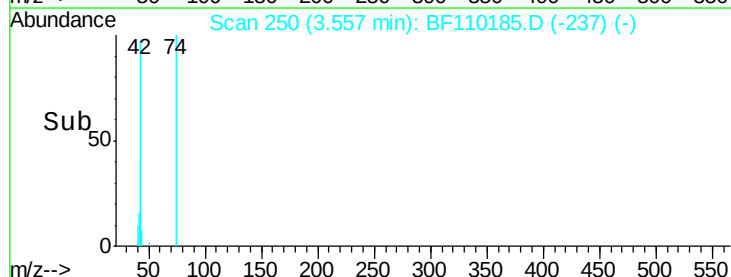
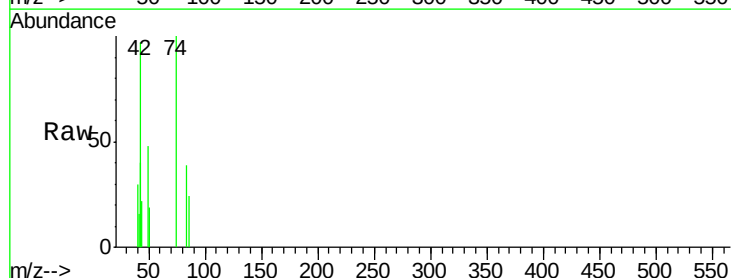
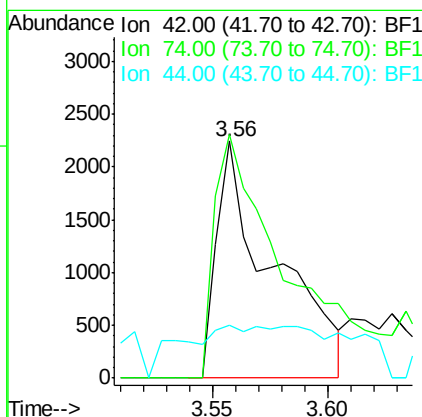
RT: 3.56 min Scan# 250

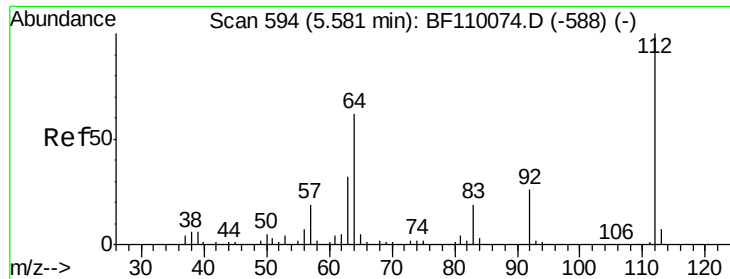
Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.8	105.5	158.3#
44	22.2	4.9	7.3#





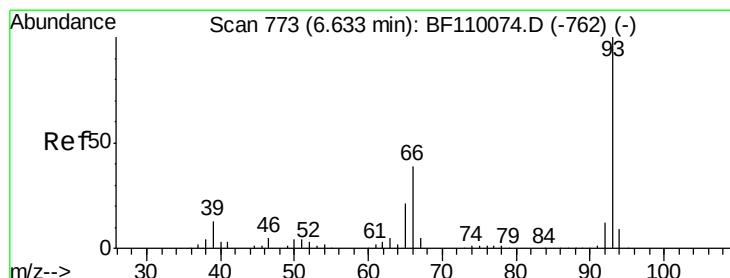
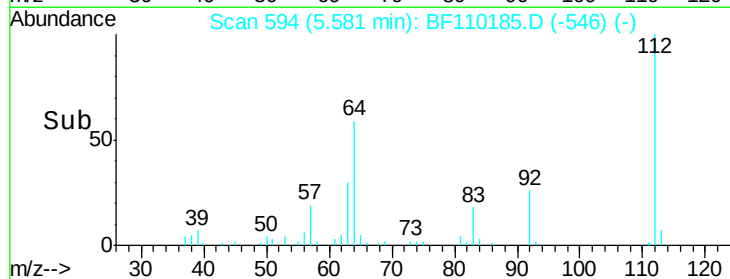
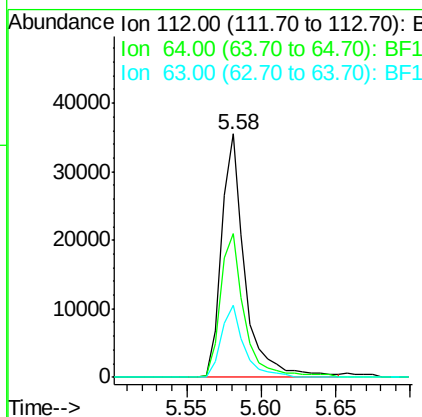
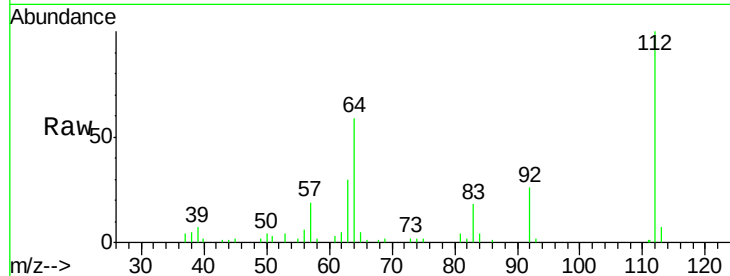
#5
2-Fluorophenol
Concen: 5.339 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.2	44.1	66.1
63	29.7	23.7	35.5

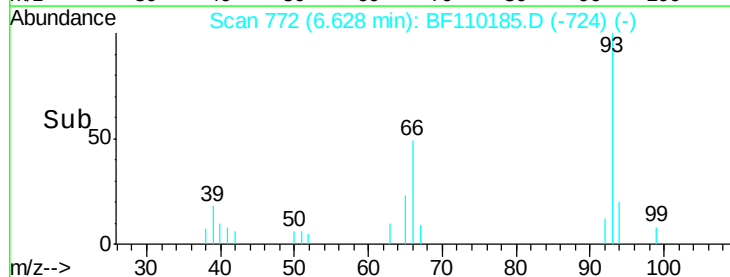
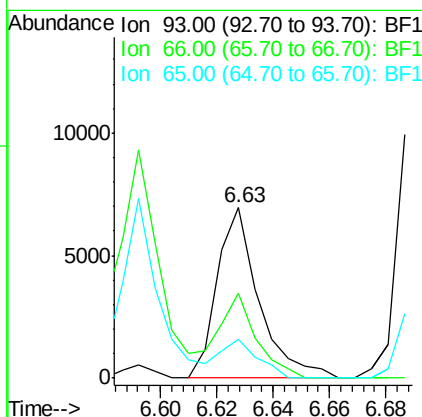
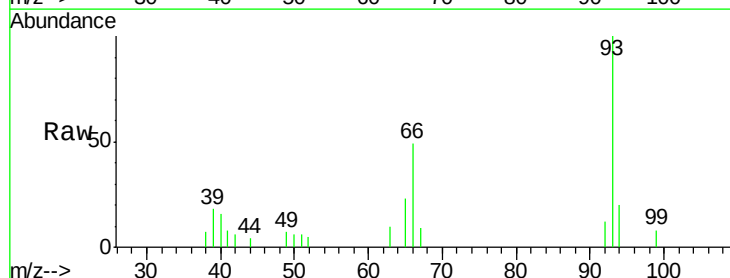
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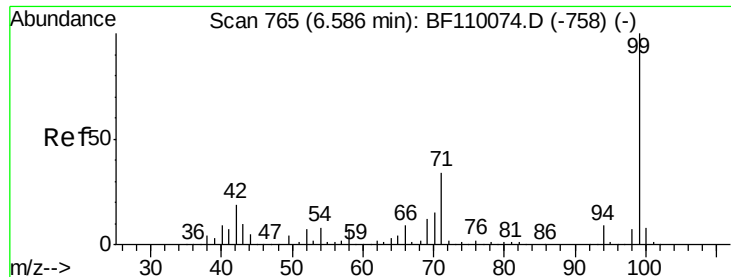
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#6
Aniline
Concen: 0.582 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	49.5	67.4	101.0#
65	23.0	41.0	61.4#





#7

Phenol-d6

Concen: 5.419 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

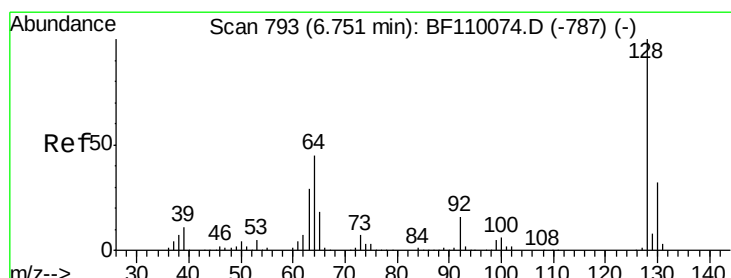
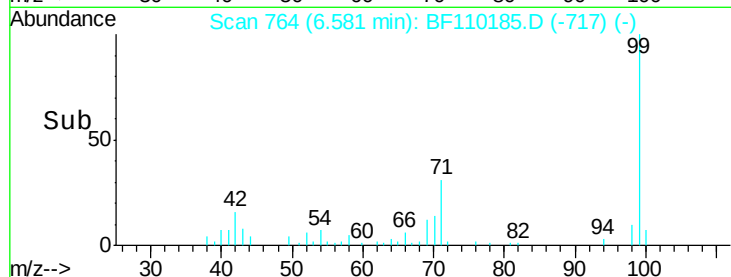
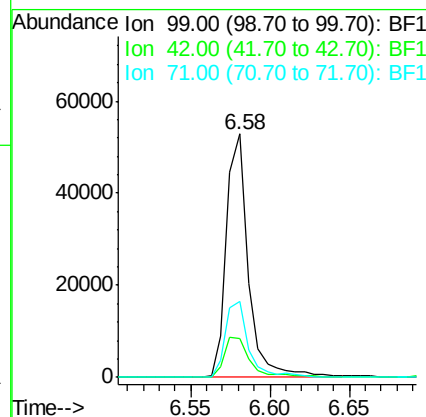
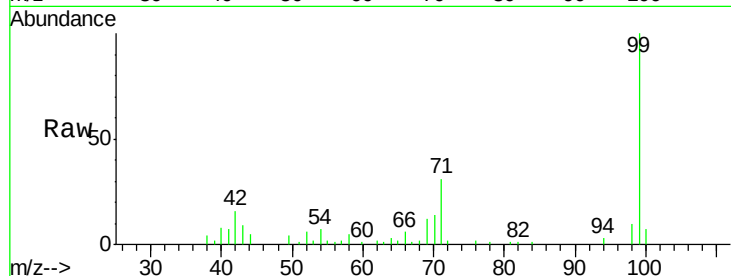
ClientSampleId :

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Tgt Ion:	99	Resp:	51000
Ion Ratio	Lower	Upper	
99	100		
42	16.2	15.8	23.6
71	31.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 1.641 ng

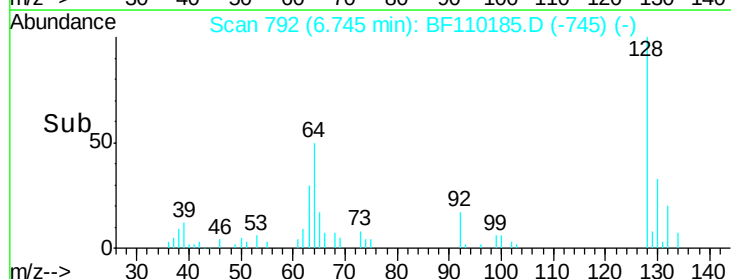
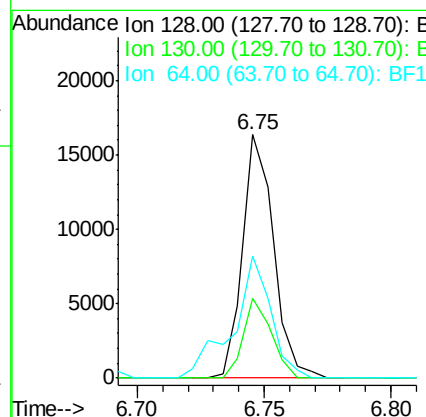
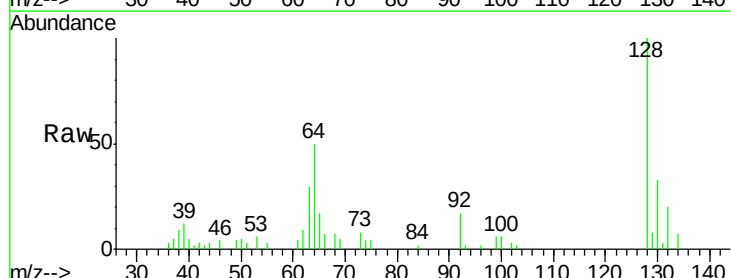
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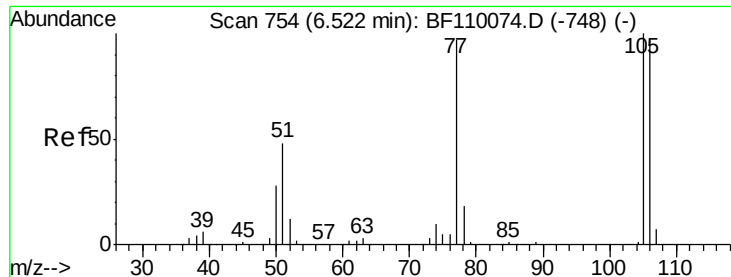
Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	128	Resp:	13924
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	50.3	26.0	66.0





#9

Benzaldehyde

Concen: 0.237 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

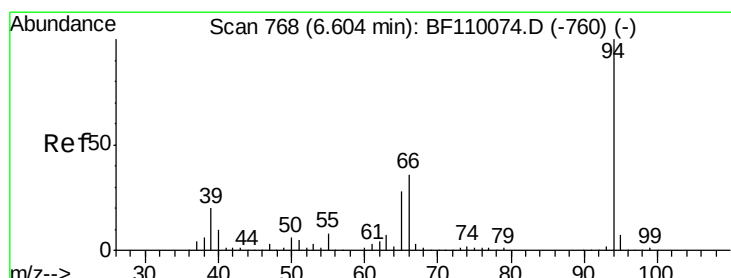
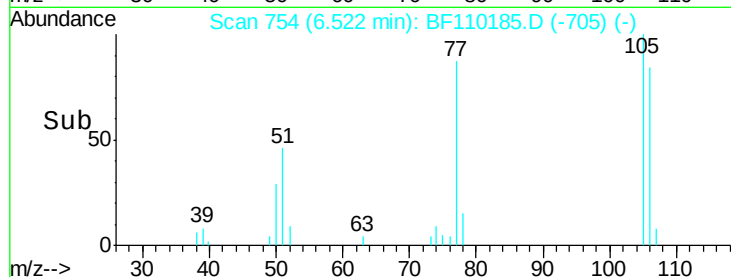
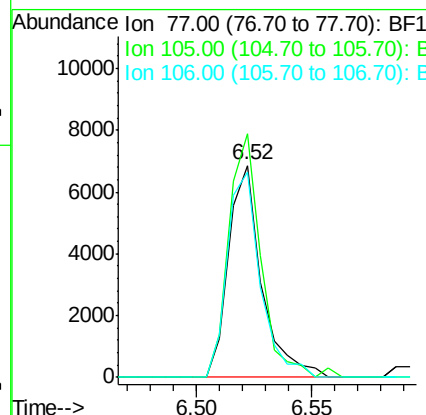
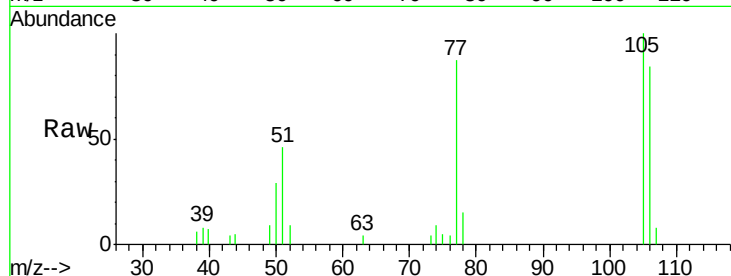
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	77	Resp:	6839
Ion	Ratio	Lower	Upper
77	100		
105	114.8	78.6	118.6
106	96.8	74.8	114.8

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#10

Phenol

Concen: 2.288 ng

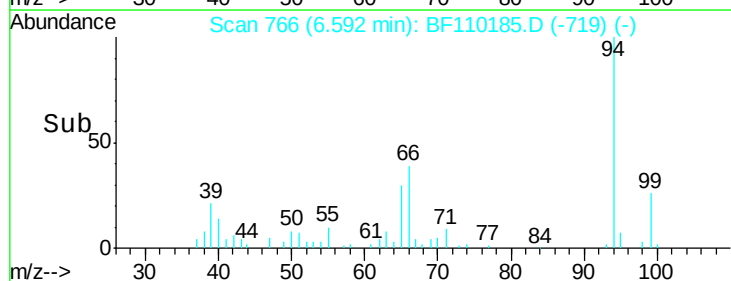
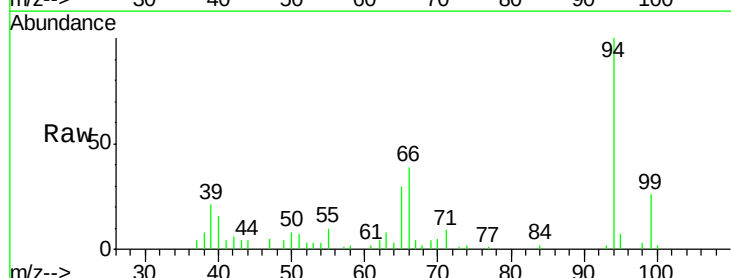
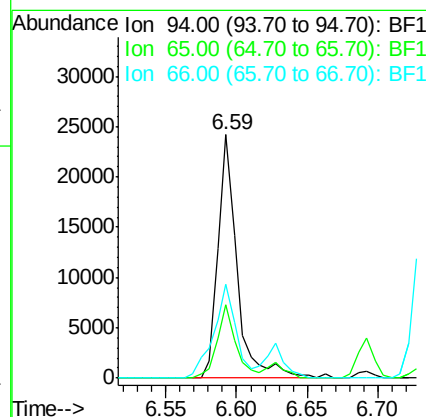
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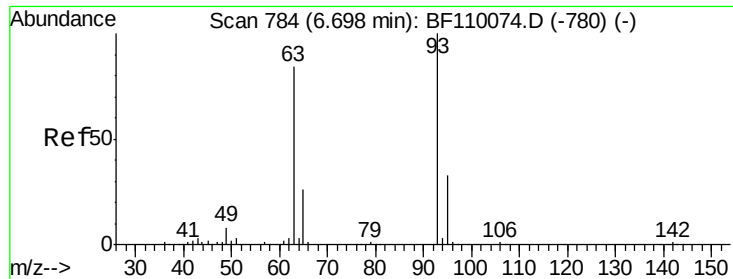
Delta R.T. -0.02 min

Lab File: BF110185.D

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Tgt Ion:	94	Resp:	23021
Ion	Ratio	Lower	Upper
94	100		
65	30.2	25.3	65.3
66	38.6	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 1.662 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

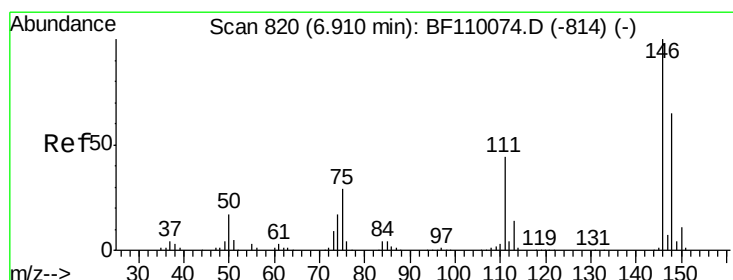
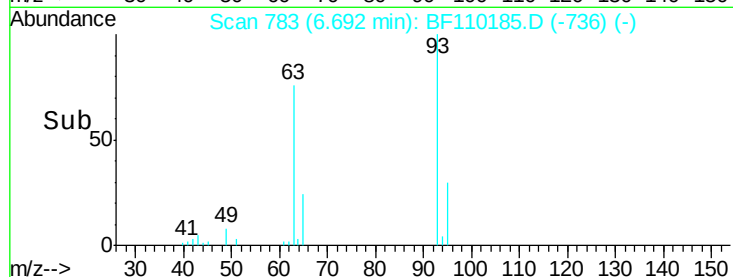
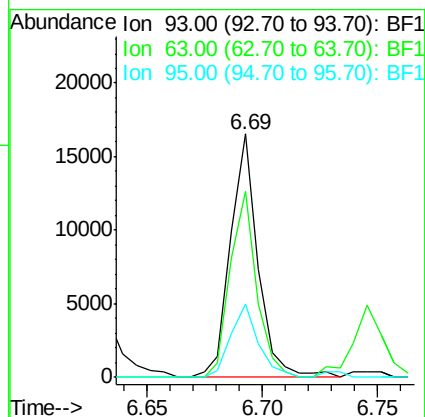
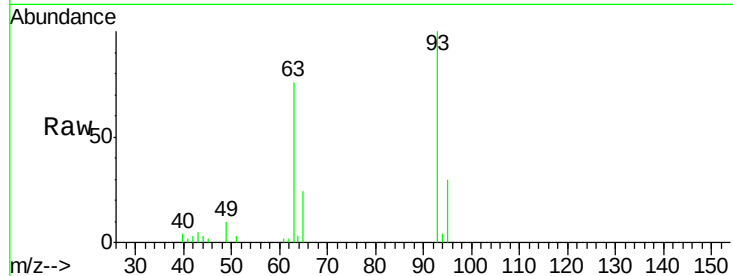
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	93	Resp:	13756
Ion	Ratio	Lower	Upper
93	100		
63	76.4	53.4	93.4
95	30.0	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 1.565 ng

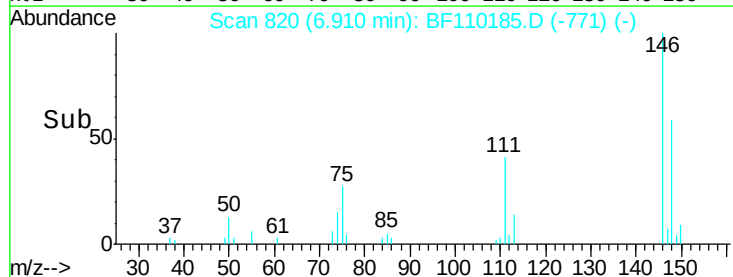
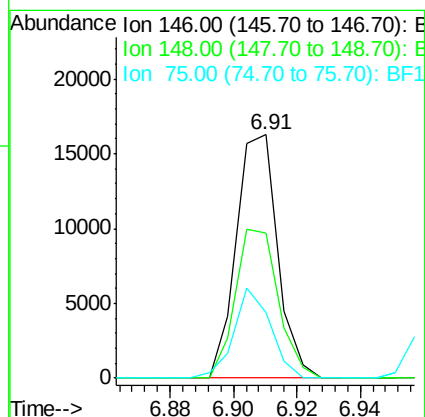
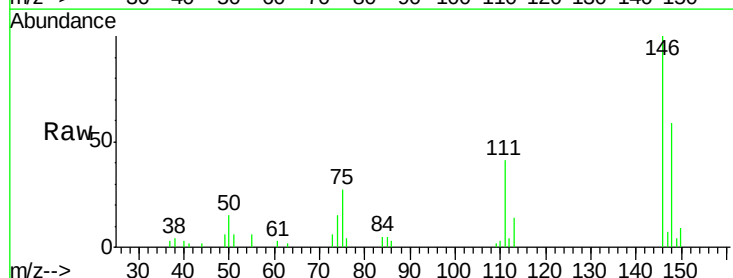
RT: 6.91 min Scan# 820

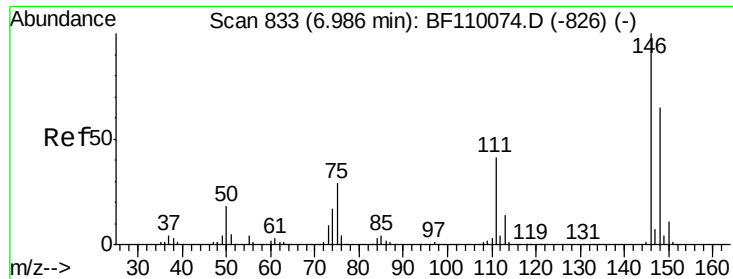
Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	146	Resp:	14614
Ion	Ratio	Lower	Upper
146	100		
148	59.4	50.4	75.6
75	26.8	25.8	38.6





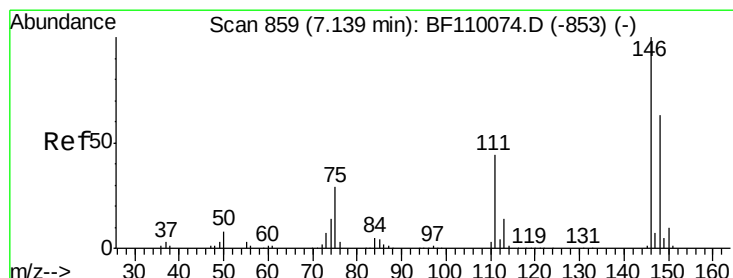
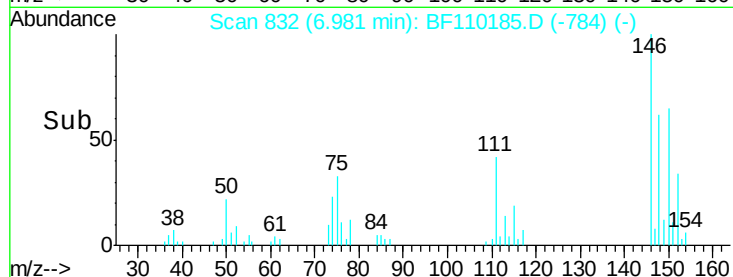
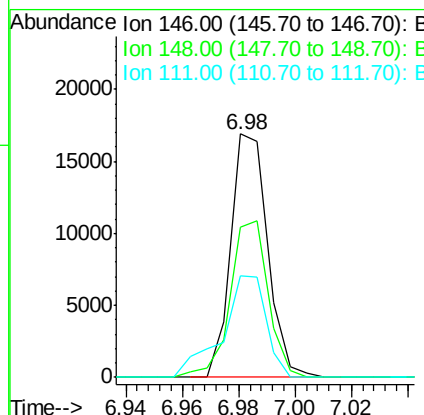
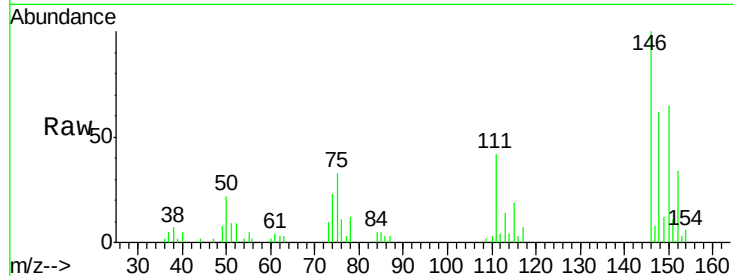
#13
 1,4-Dichlorobenzene
 Concen: 1.621 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
111	41.6	32.7	49.1

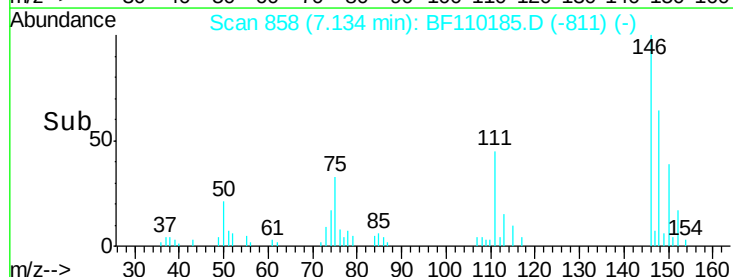
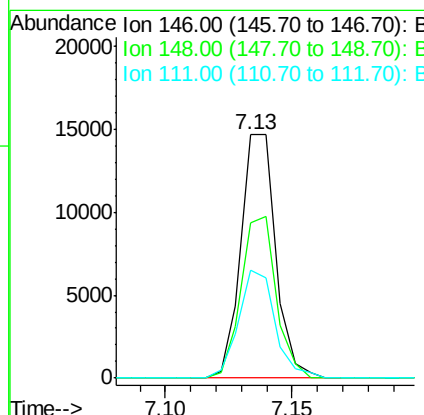
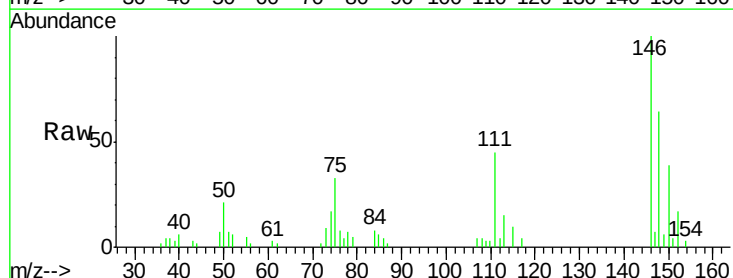
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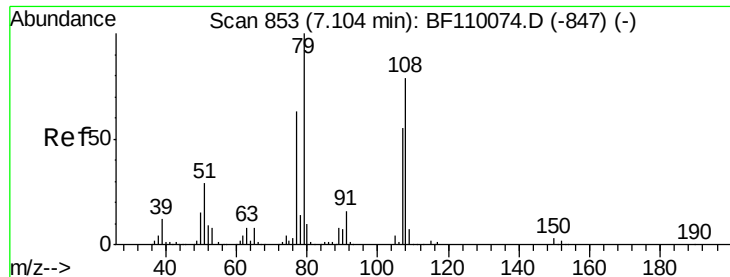
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#14
 1,2-Dichlorobenzene
 Concen: 1.603 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	44.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 1.379 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

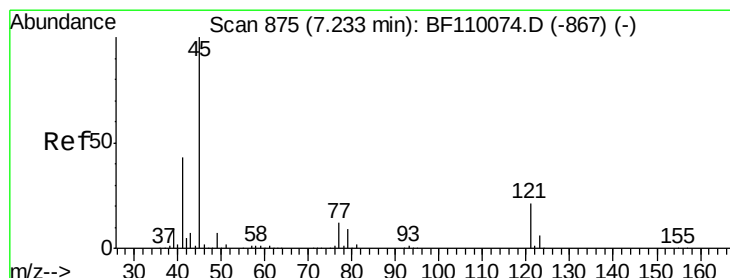
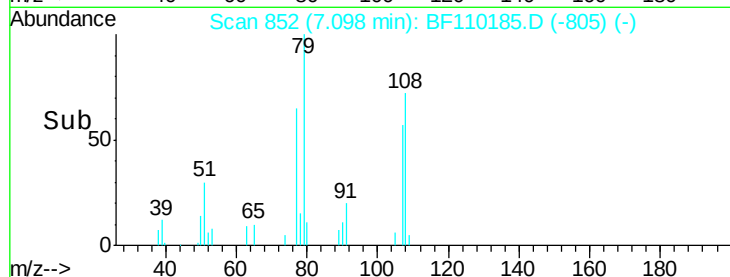
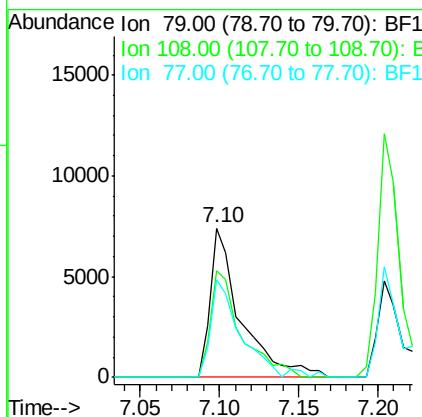
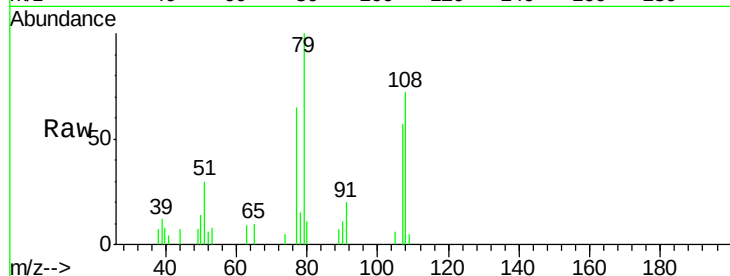
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	79	Resp:	9980
Ion	Ratio	Lower	Upper
79	100		
108	71.5	56.3	84.5
77	65.2	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.592 ng

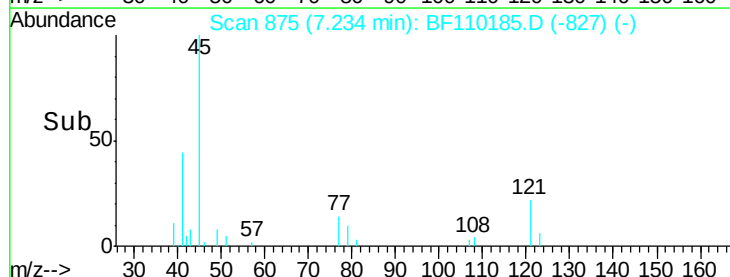
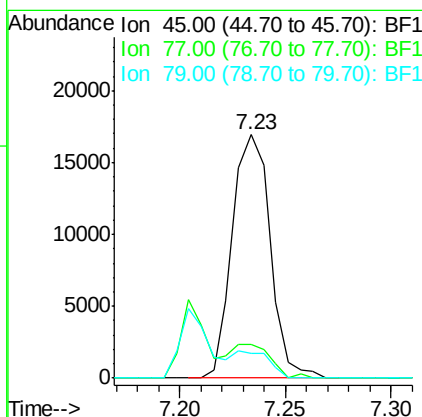
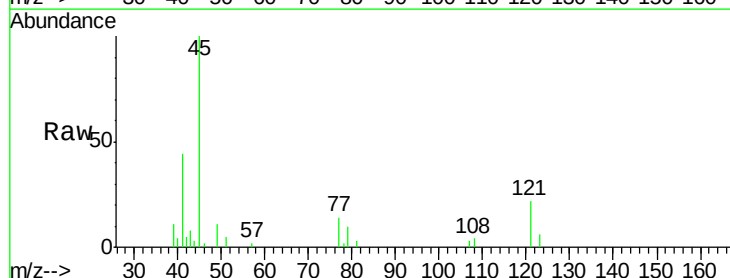
RT: 7.23 min Scan# 875

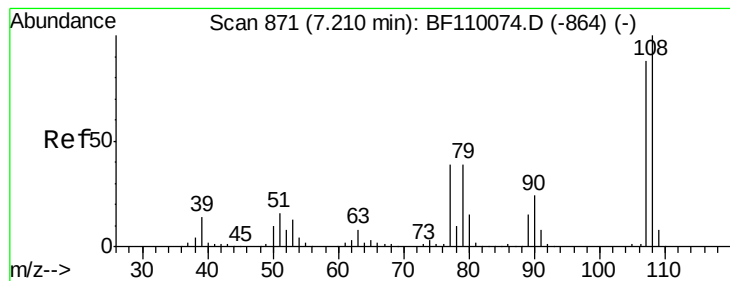
Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	45	Resp:	21072
Ion	Ratio	Lower	Upper
45	100		
77	14.1	10.0	50.0
79	10.3	6.1	46.1





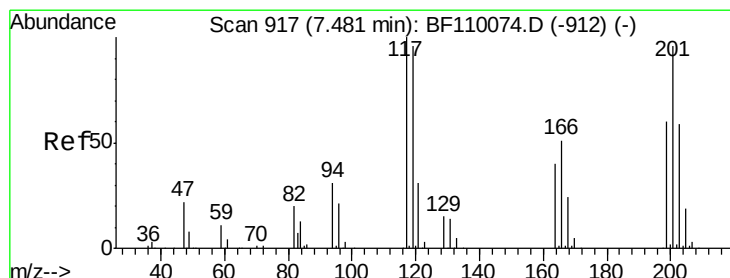
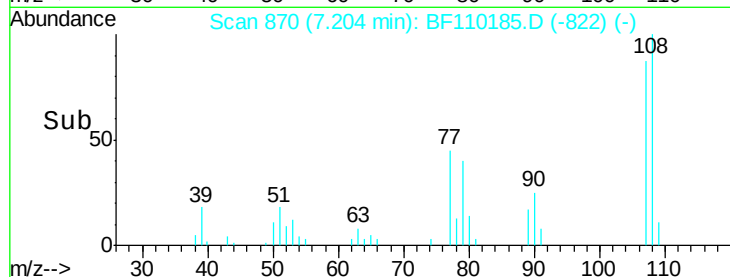
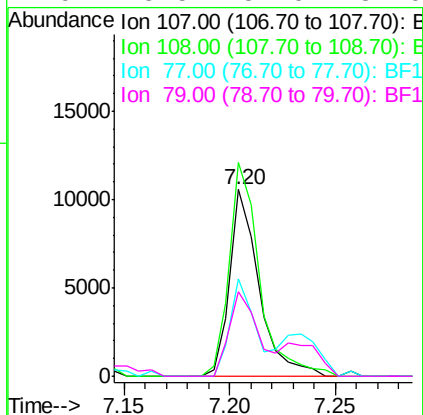
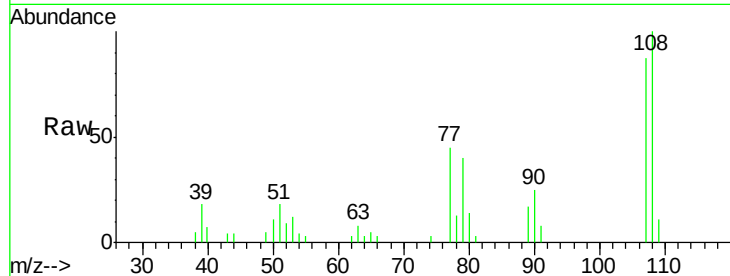
#17
2-Methylphenol
Concen: 1.499 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.5	92.6	138.8
77	52.0	59.4	89.2#
79	45.5	54.0	81.0#

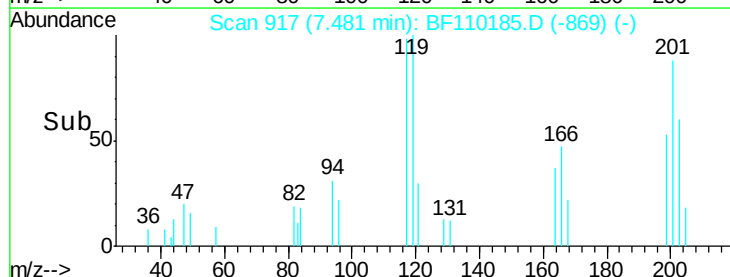
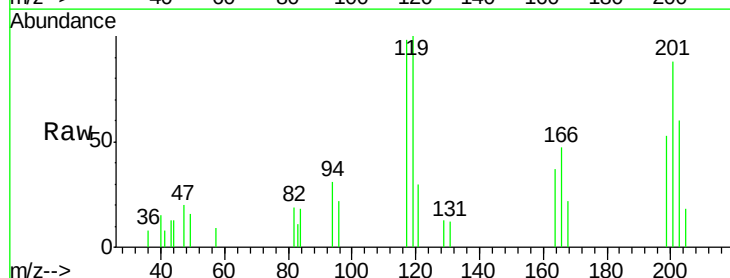
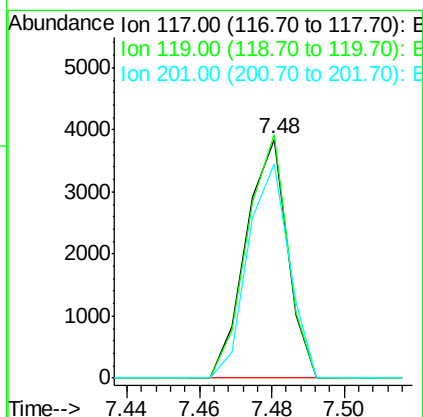
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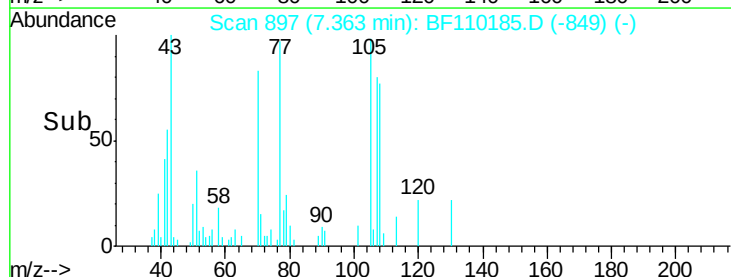
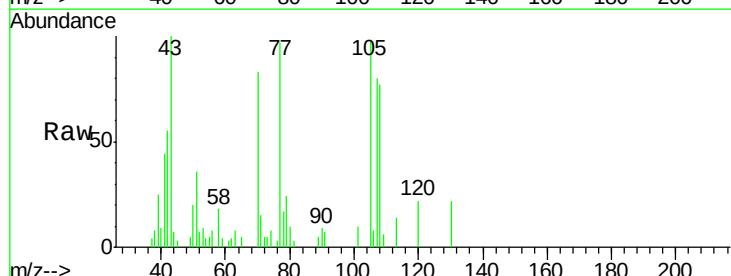
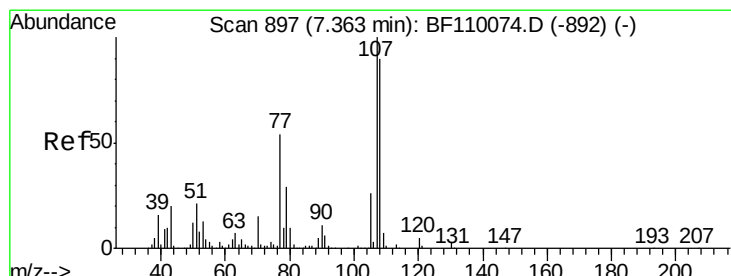
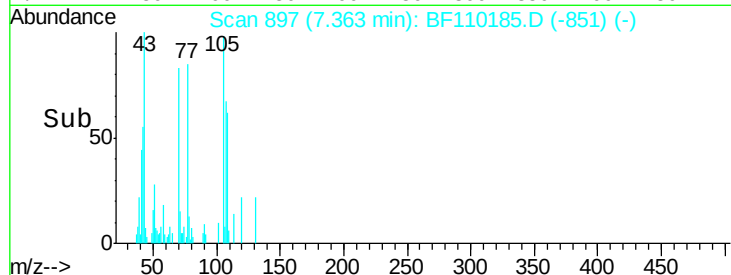
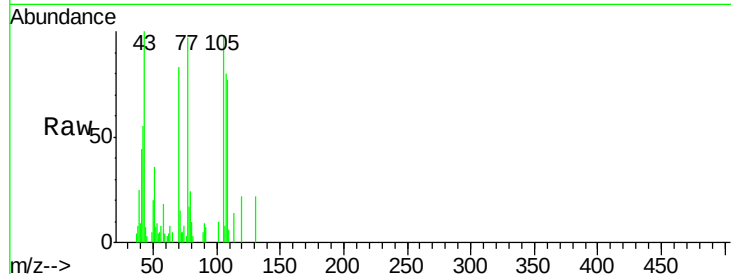
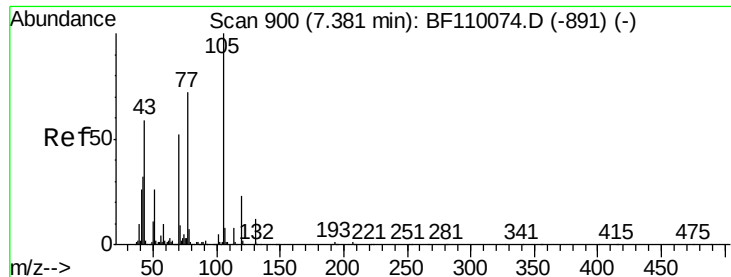
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#18
Hexachloroethane
Concen: 0.879 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	101.9	75.0	112.6
201	89.8	79.2	118.8





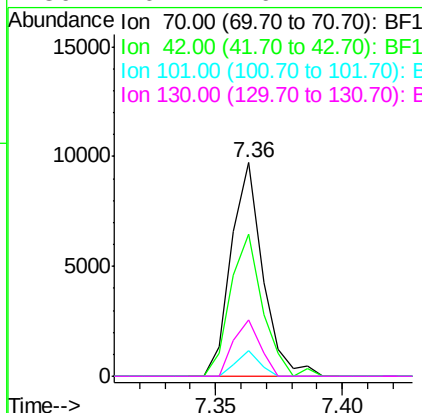
#19
n-Nitroso-di-n-propylamine
Concen: 1.399 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.4	71.2
101	11.7	7.3	10.9
130	26.4	16.2	24.2

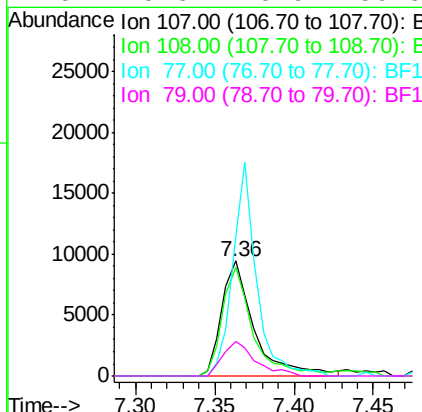
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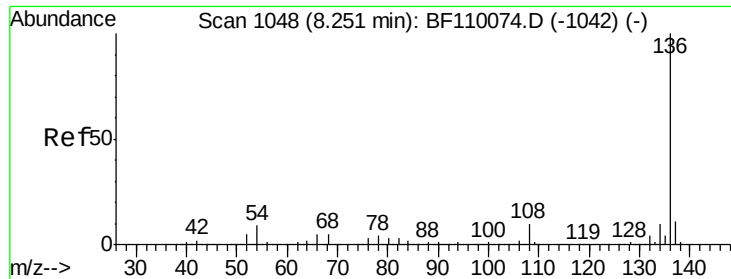
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#20
3+4-Methylphenols
Concen: 1.541 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	71.4	111.4
77	120.9	47.3	87.3
79	29.6	10.9	50.9





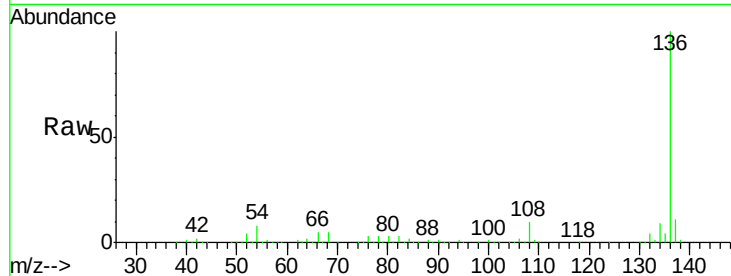
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	451797		
137	10.8	8.8	13.2	
54	8.1	5.4	8.2	
68	5.2	4.2	6.2	

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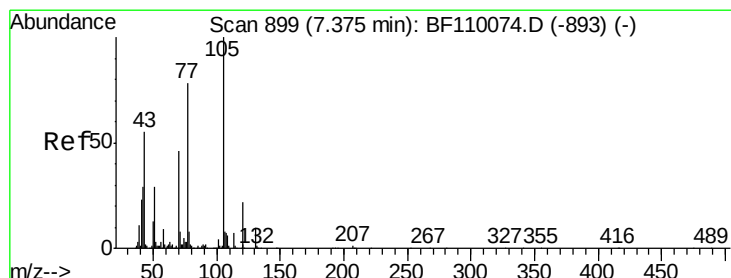
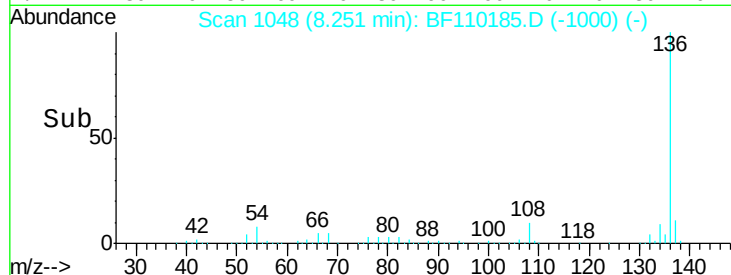
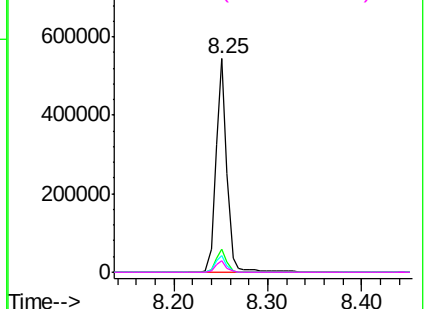
Abundance

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: 1.791 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	18646		
71	3.6	5.2	7.8#	
51	31.0	21.8	32.8	
120	26.8	17.0	25.4#	

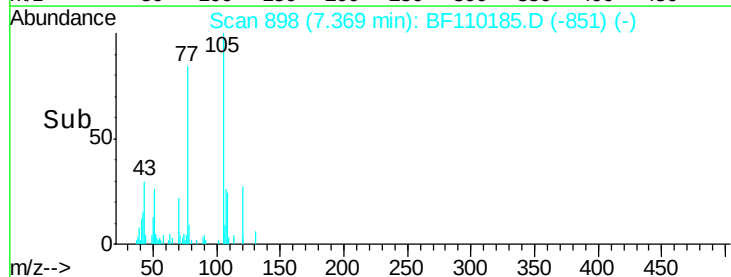
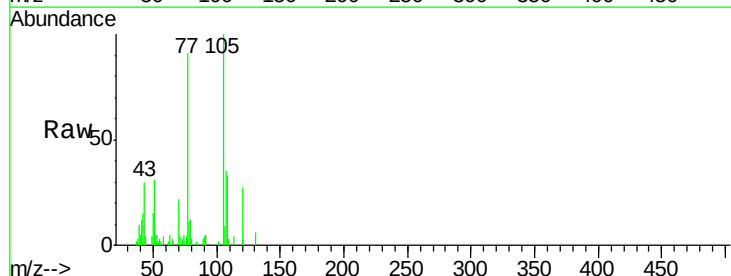
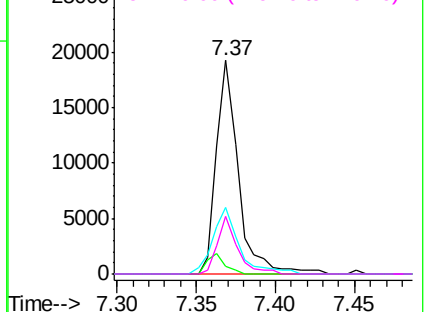
Abundance

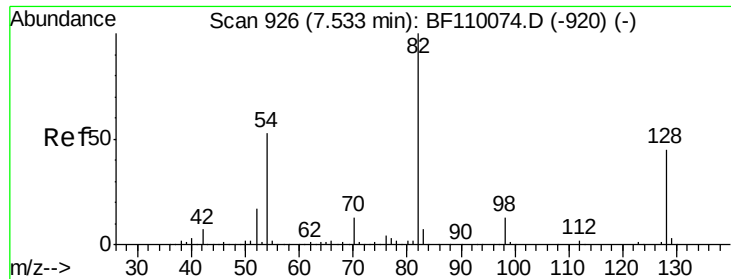
Ion 105.00 (104.70 to 105.70): E

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





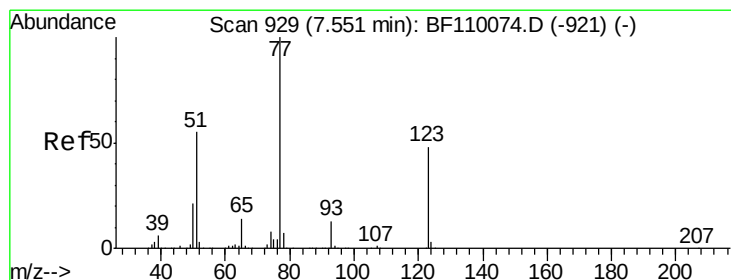
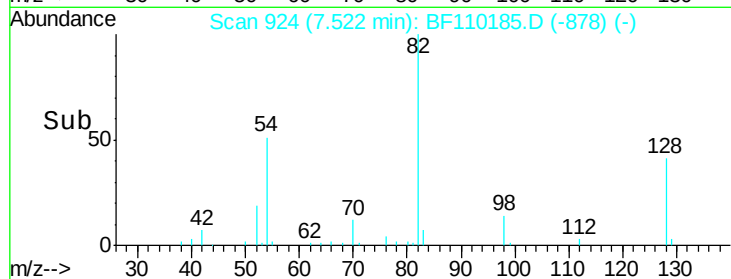
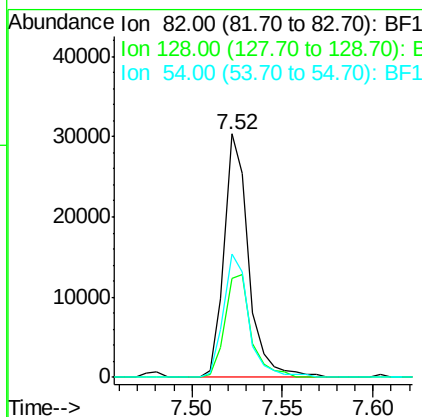
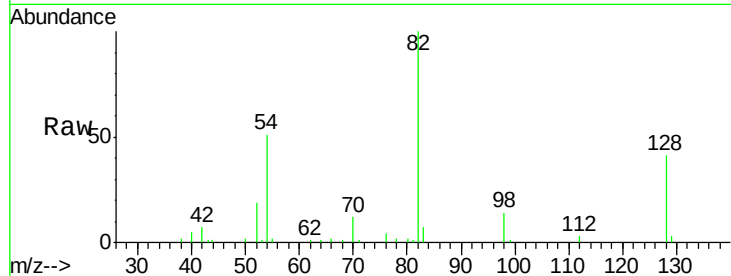
#23
 Nitrobenzene-d5
 Concen: 3.755 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.6	34.2	51.2
54	50.7	38.6	58.0

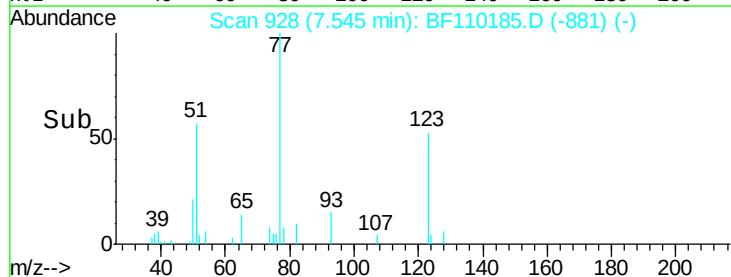
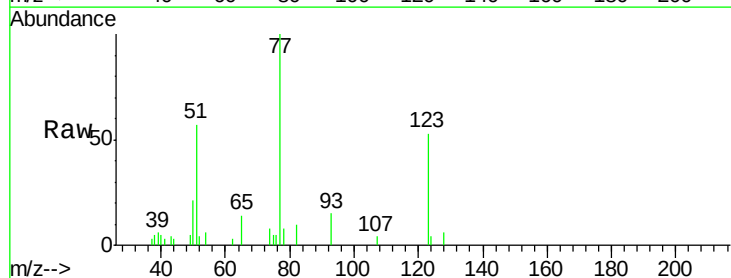
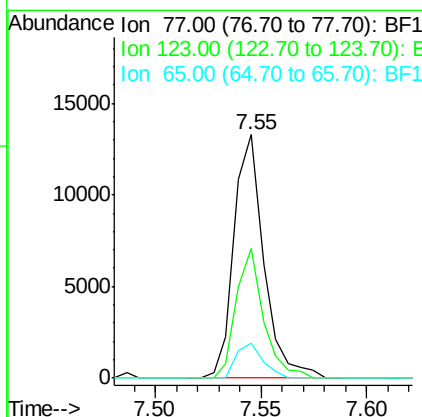
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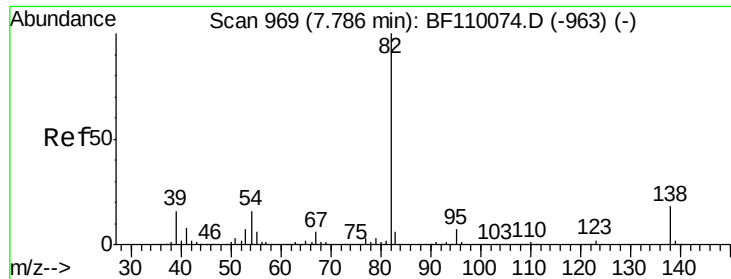
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#24
 Nitrobenzene
 Concen: 1.649 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	53.4	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 1.817 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

PA-SB-01BMS

Tgt Ion: 82 Resp: 23588

Ion Ratio Lower Upper

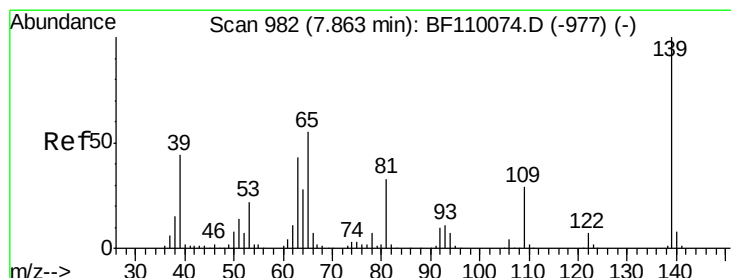
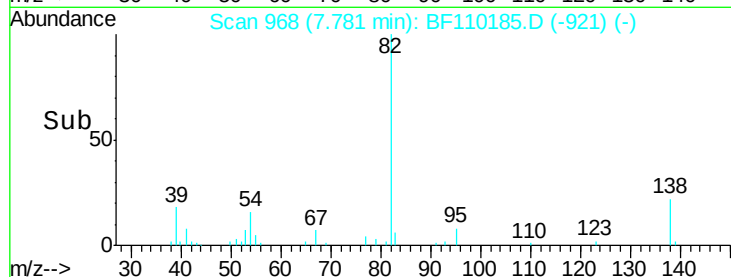
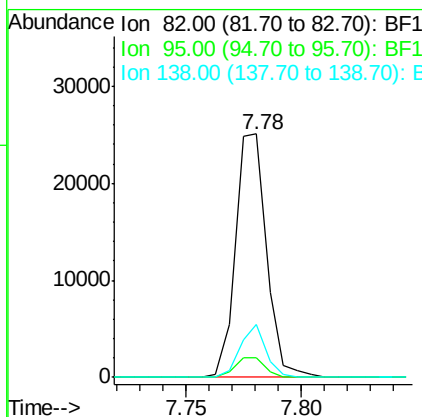
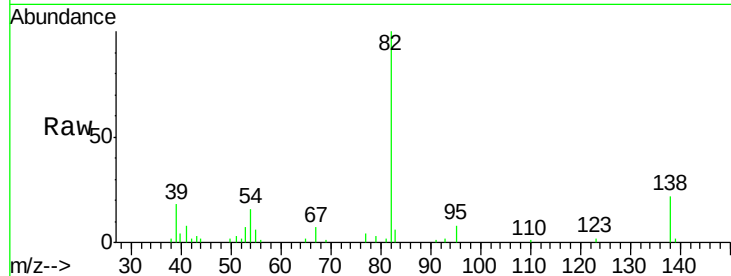
82 100

95 8.1 5.7 8.5

138 21.8 13.2 19.8#

Manual Integrations
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#26

2-Nitrophenol

Concen: 0.814 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

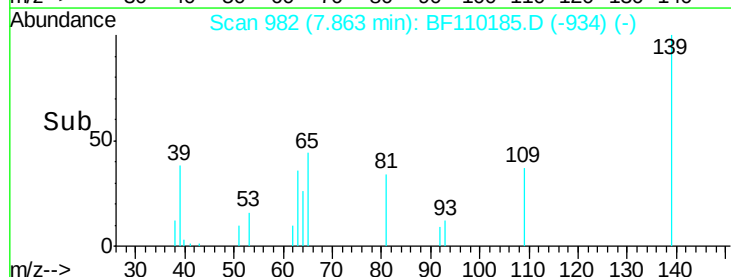
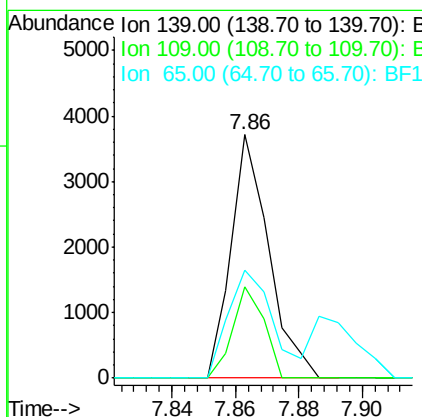
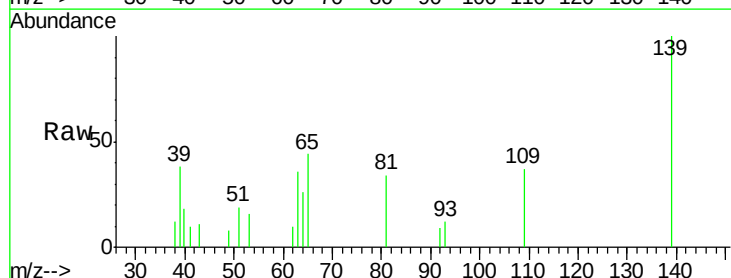
Tgt Ion: 139 Resp: 3047

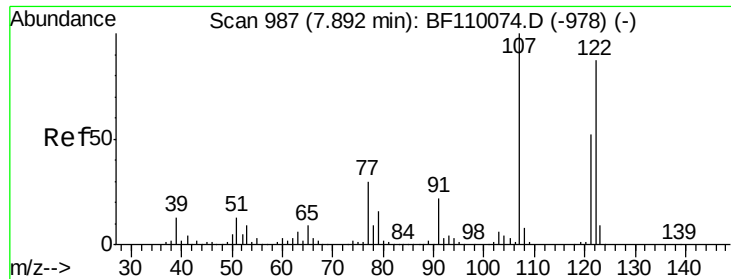
Ion Ratio Lower Upper

139 100

109 37.5 25.0 37.6

65 44.3 44.0 66.0





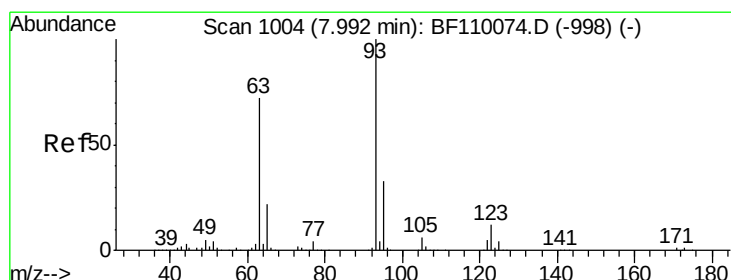
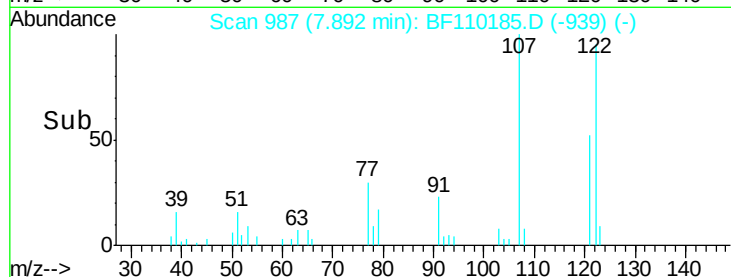
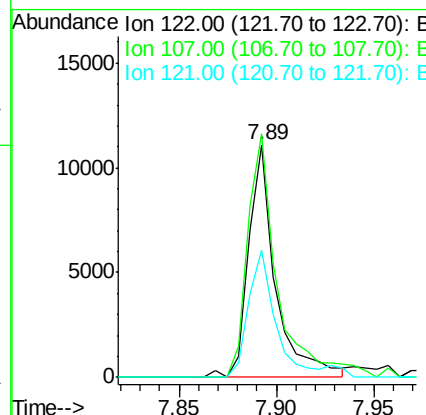
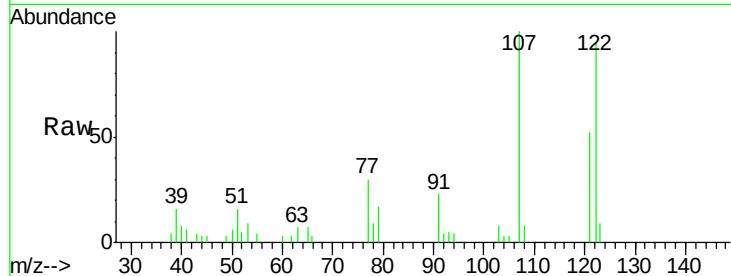
#27
2,4-Dimethylphenol
Concen: 1.709 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10606		
107	104.8	92.5	138.7	
121	54.7	45.8	68.8	

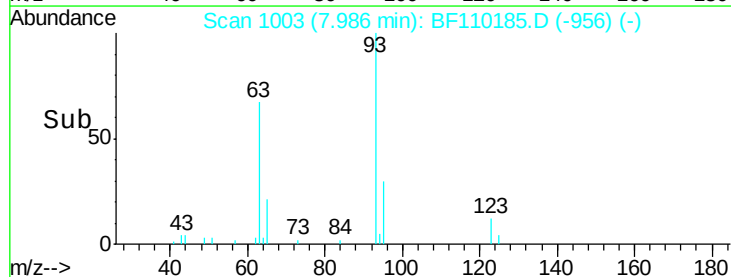
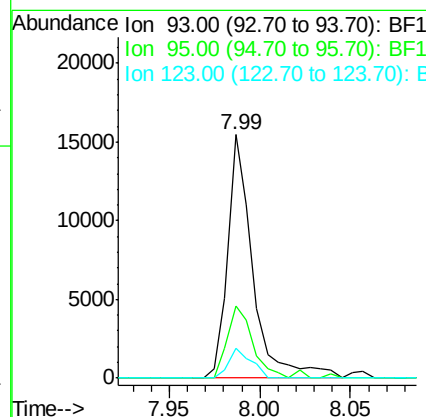
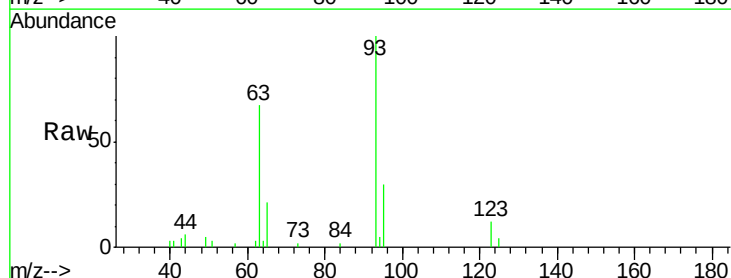
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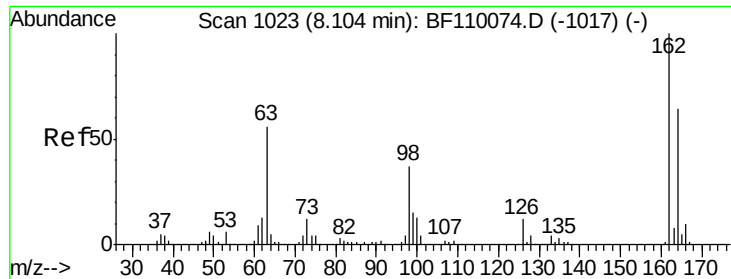
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#28
bis(2-Chloroethoxy)methane
Concen: 1.701 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	15007		
95	29.7	26.4	39.6	
123	12.4	9.0	13.6	





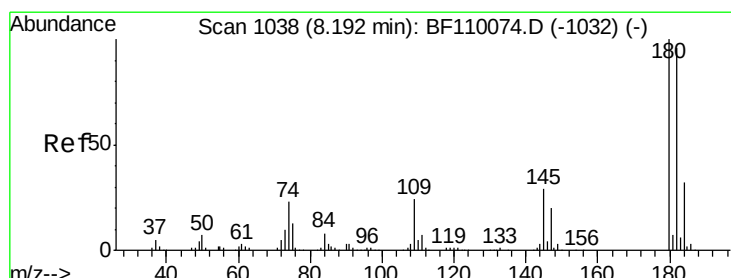
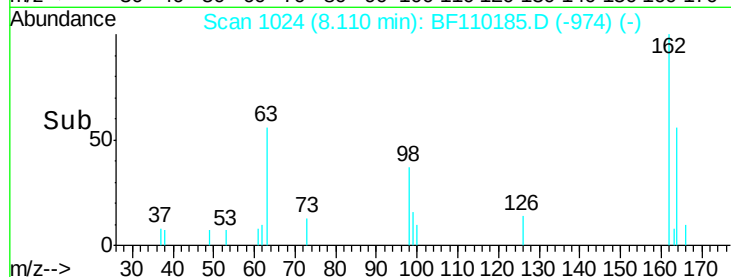
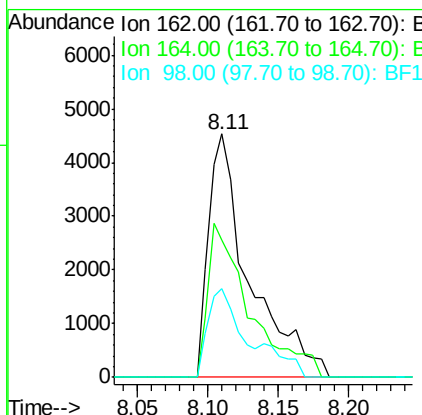
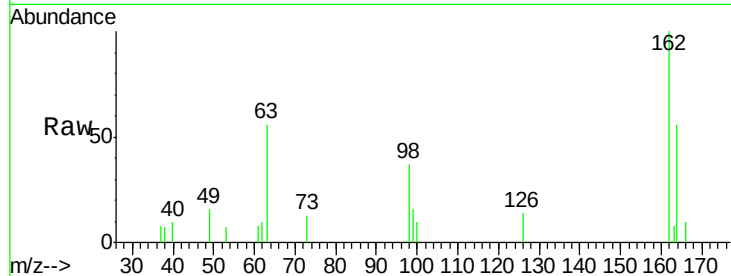
#29
2,4-Dichlorophenol
Concen: 1.455 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion:	162	Resp:	9119
Ion Ratio	Lower	Upper	
162	100		
164	56.4	44.6	84.6
98	36.7	17.4	57.4

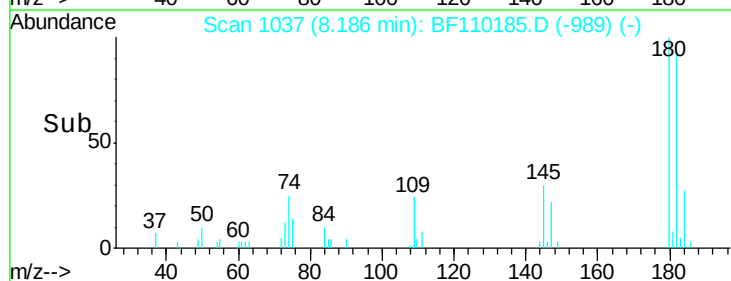
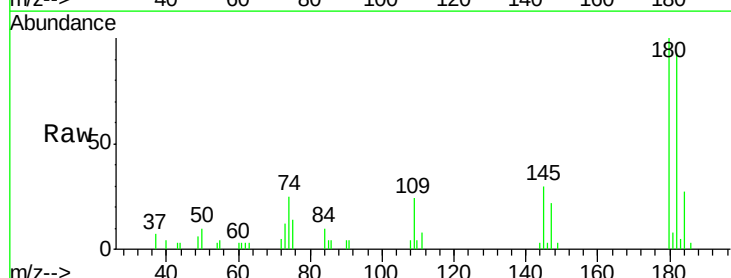
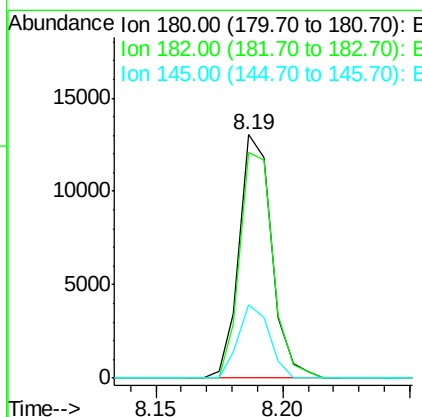
Manual Integrations
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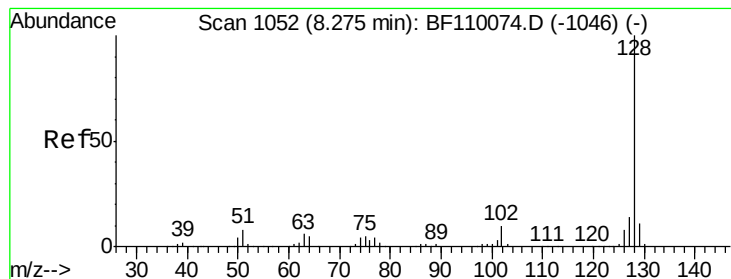
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 1.664 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:	180	Resp:	11685
Ion Ratio	Lower	Upper	
180	100		
182	92.9	80.3	120.5
145	30.0	25.4	38.0





#31

Naphthalene

Concen: 1.893 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

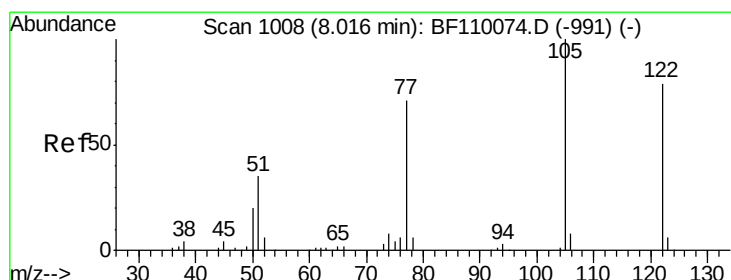
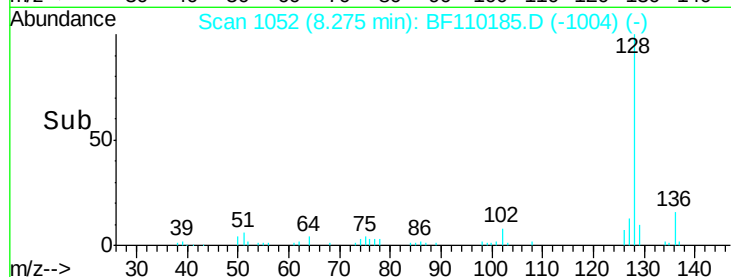
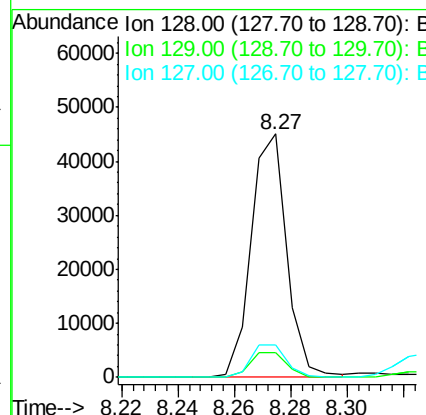
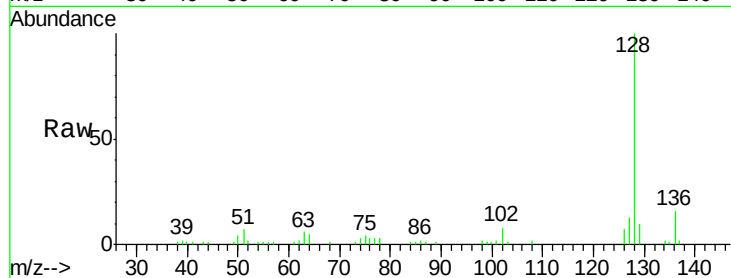
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	128	Resp:	39420
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.8	13.2
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 2.212 ng

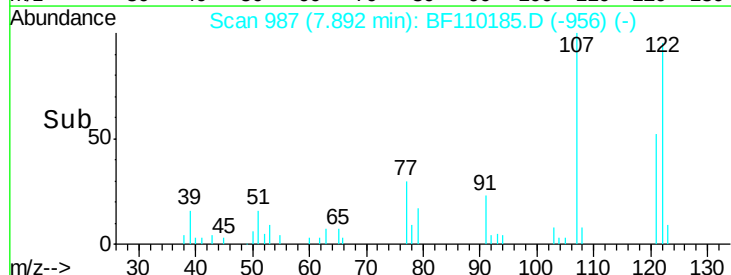
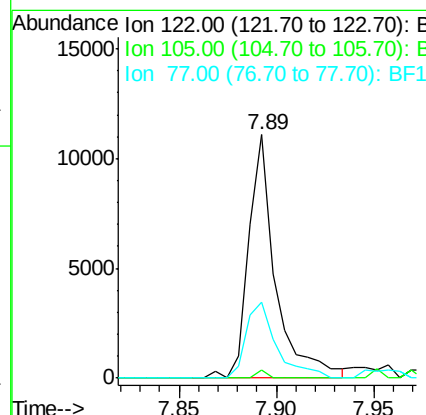
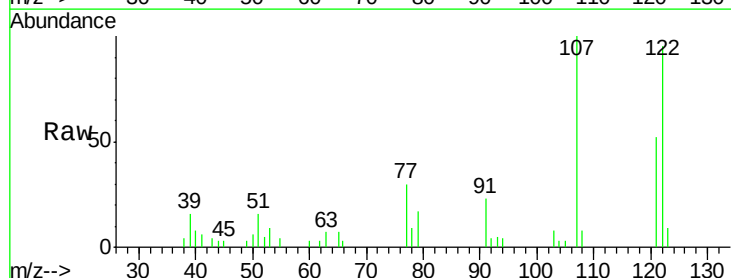
RT: 7.89 min Scan# 987

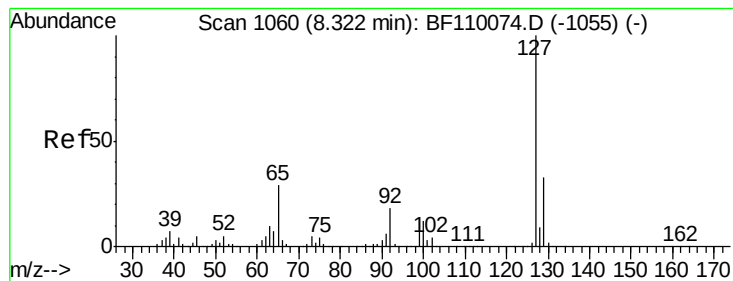
Delta R.T. -0.12 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	122	Resp:	10606
Ion Ratio	Lower	Upper	
122	100		
105	3.4	109.0	149.0#
77	31.0	79.0	119.0#





#33

4-Chloroaniline

Concen: 0.724 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

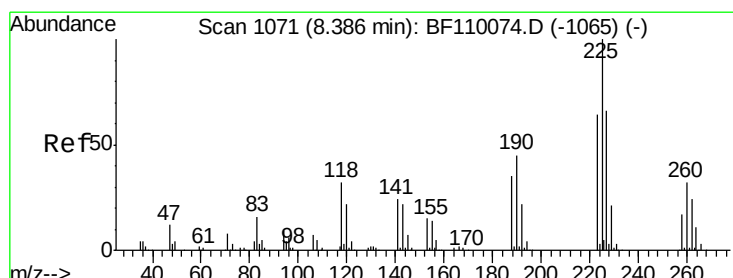
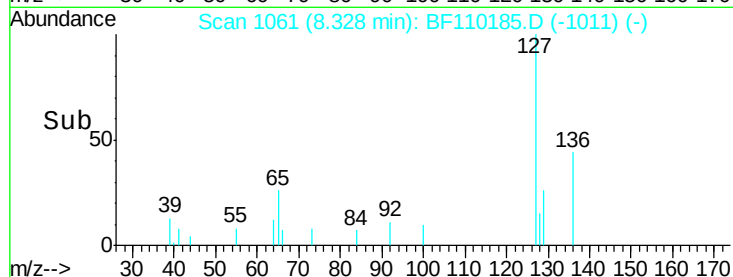
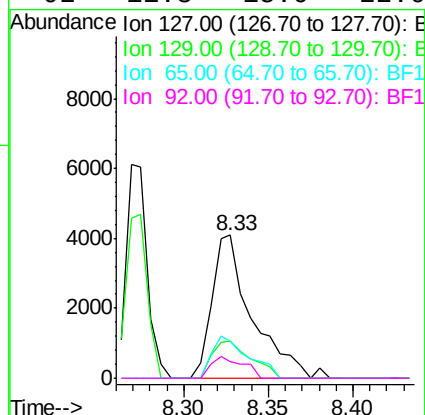
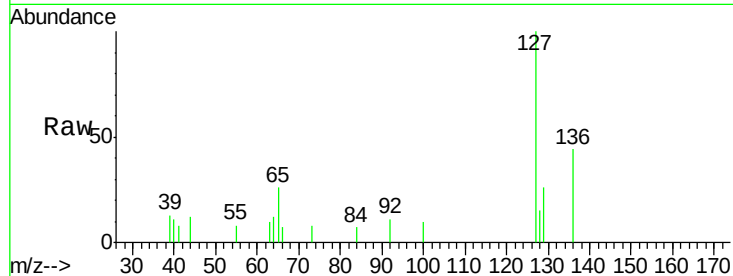
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	127	Resp:	6784
Ion Ratio	Lower	Upper	
127	100		
129	26.1	26.0	39.0
65	26.2	25.1	37.7
92	11.3	15.0	22.6#

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#34

Hexachlorobutadiene

Concen: 1.722 ng

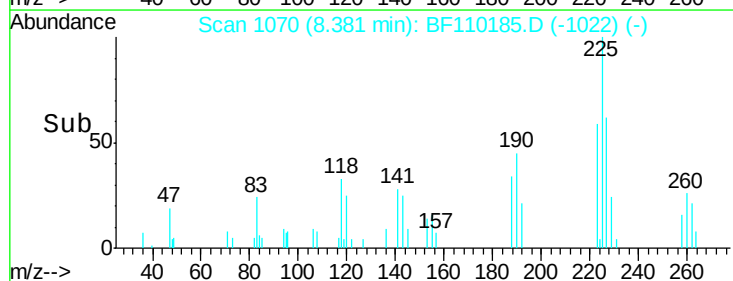
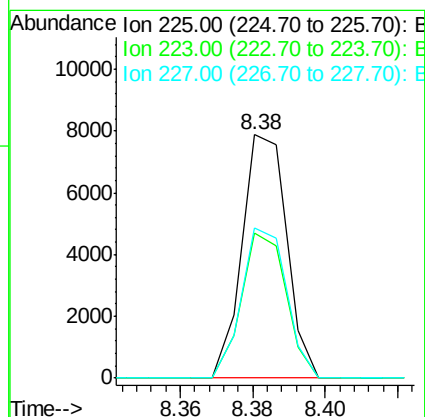
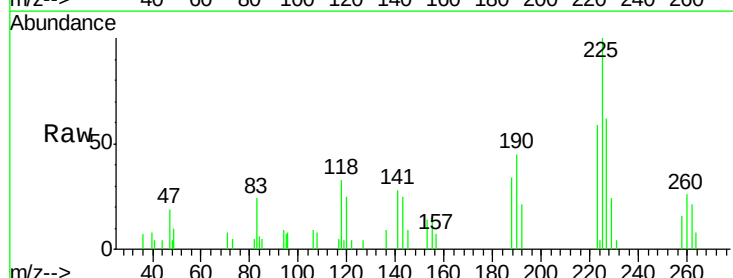
RT: 8.38 min Scan# 1070

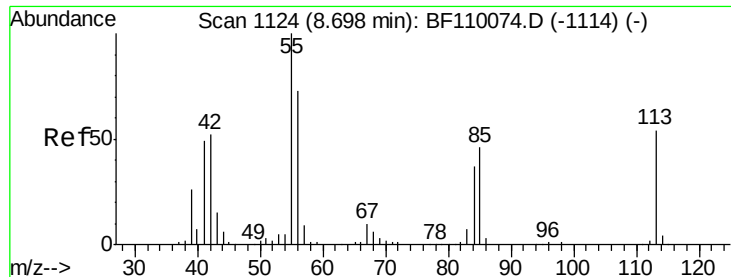
Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	225	Resp:	6713
Ion Ratio	Lower	Upper	
225	100		
223	59.5	51.4	77.2
227	61.6	51.0	76.6





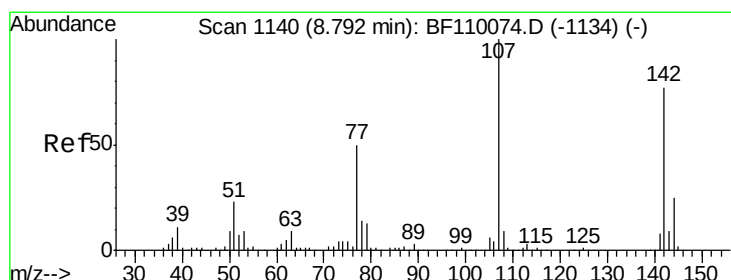
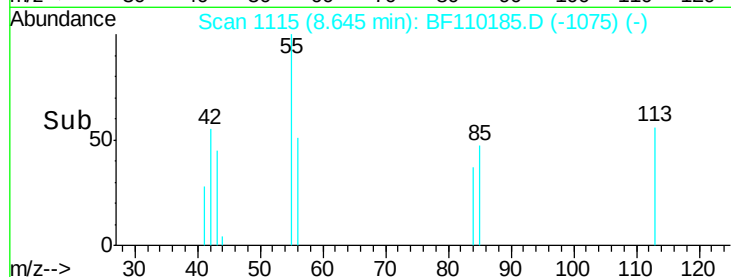
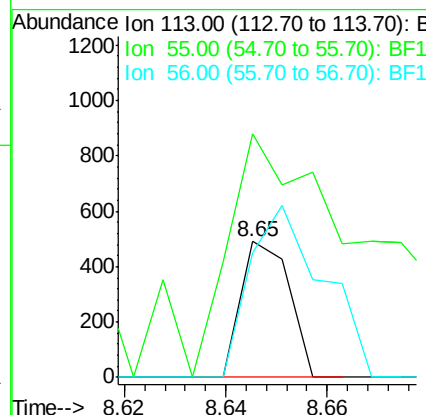
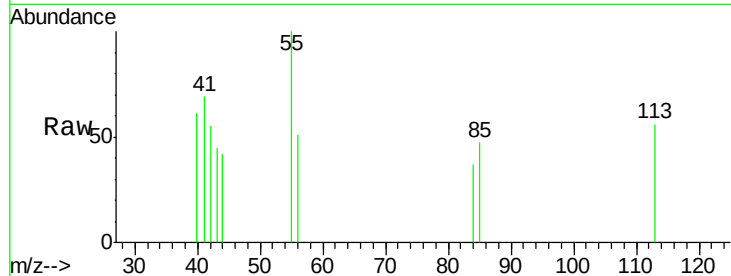
#35
 Caprolactam
 Concen: 0.148 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	179.0	142.8	182.8
56	91.6	105.0	145.0#

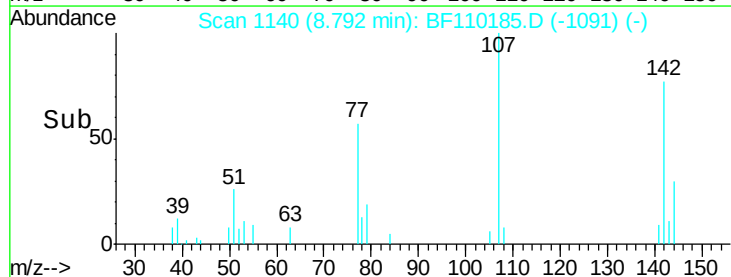
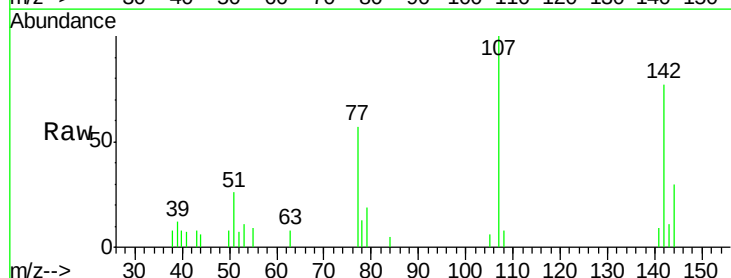
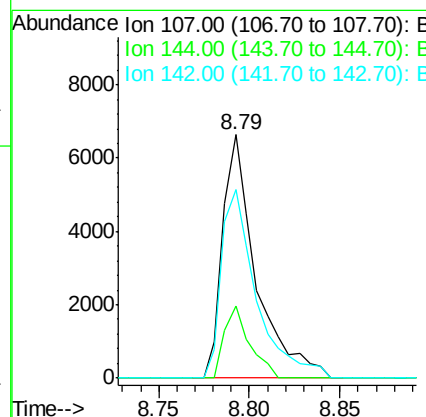
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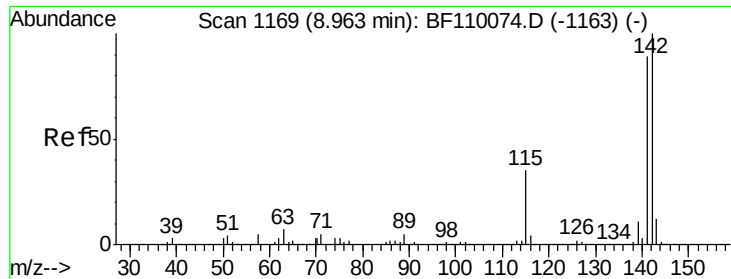
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#36
 4-Chloro-3-methylphenol
 Concen: 1.255 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	20.0	30.0
142	77.3	59.7	89.5





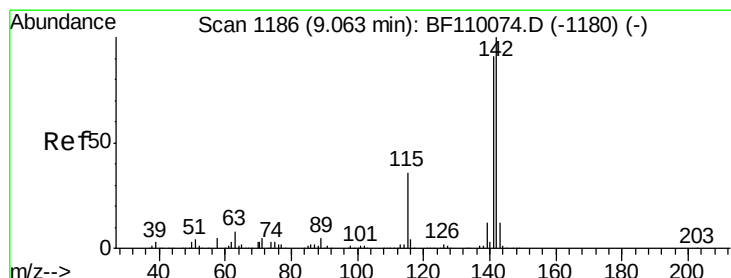
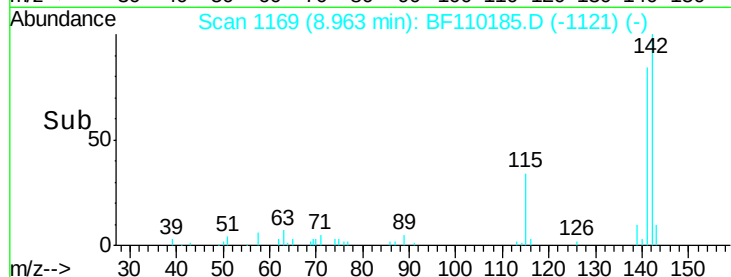
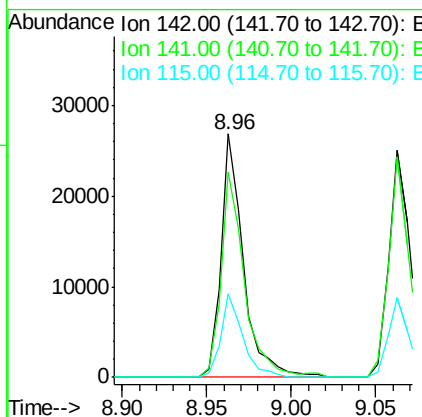
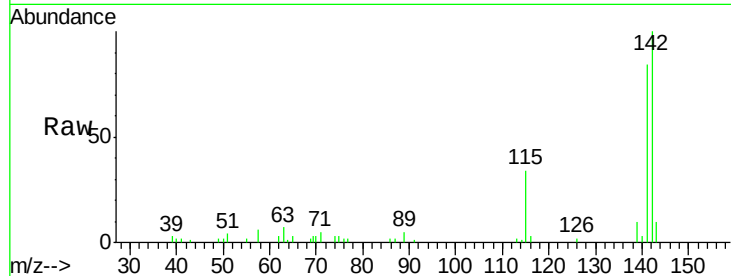
#37
2-Methylnaphthalene
Concen: 1.807 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.4	107.2
115	34.2	28.7	43.1

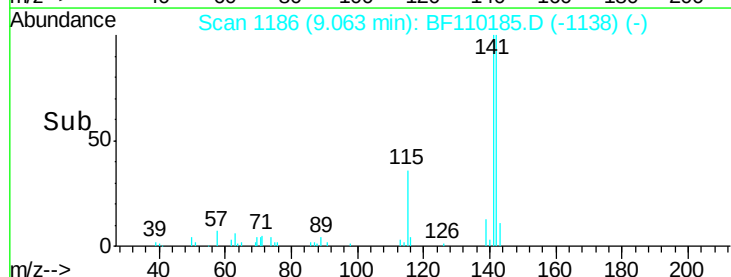
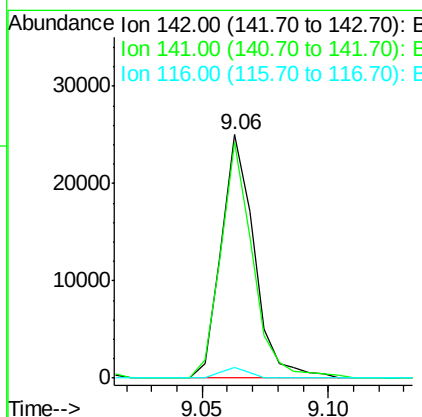
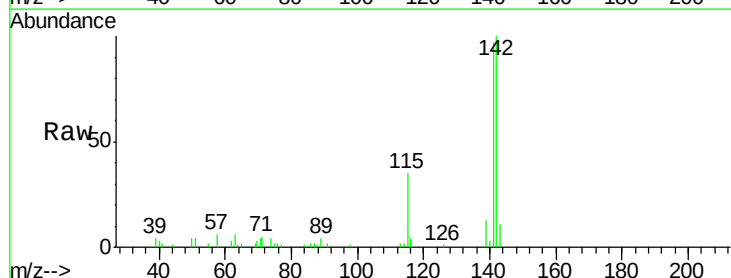
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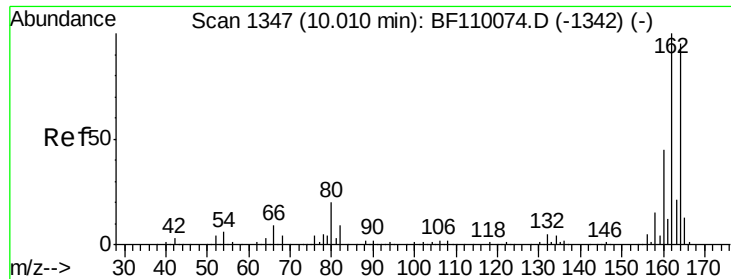
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#38
1-Methylnaphthalene
Concen: 1.703 ng m
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.1	74.2	111.4
116	4.3	2.6	4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110185.D

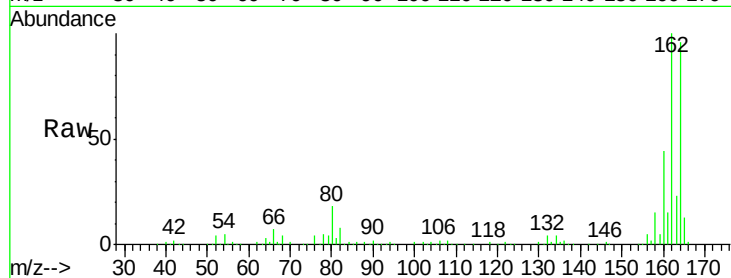
Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

ClientSampleId :

PA-SB-01BMS



Tgt Ion:164 Resp: 178225

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

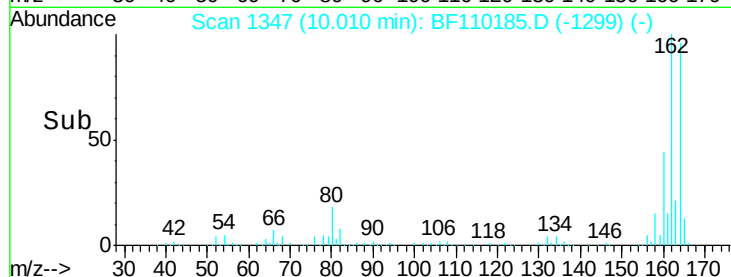
160 45.8 37.0 55.6

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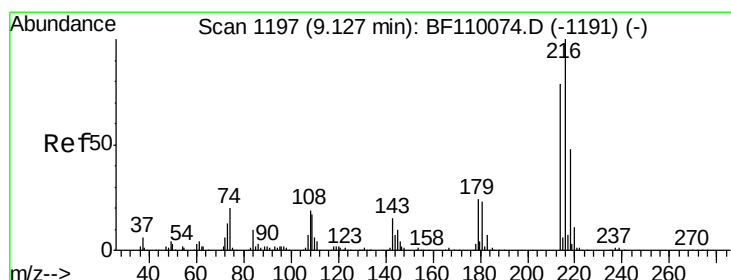
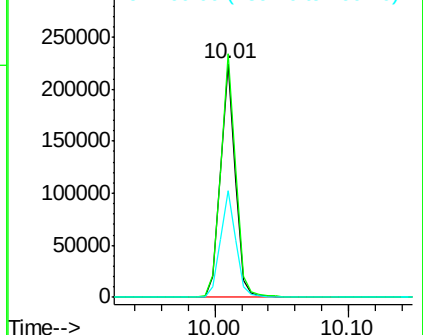
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 1.876 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:216 Resp: 10417

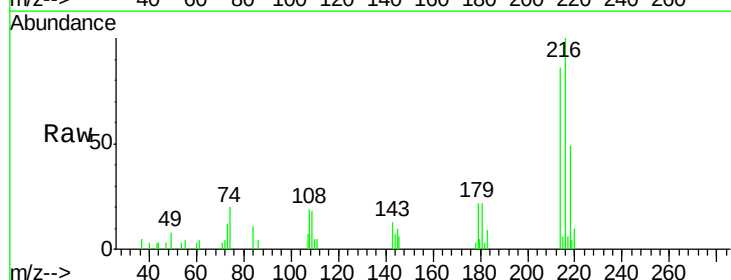
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.6

179 19.3 16.6 25.0

108 17.7 15.1 22.7

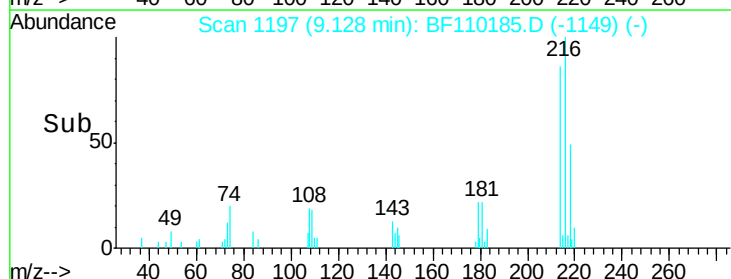
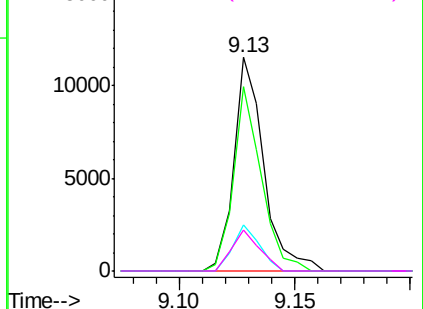


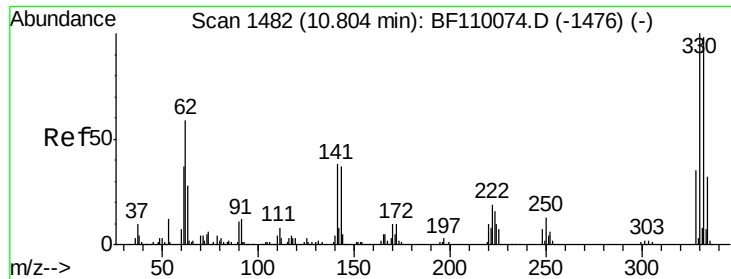
Abundance Ion 216.00 (215.70 to 216.70): E

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





#42

2,4,6-Tribromophenol

Concen: 4.074 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

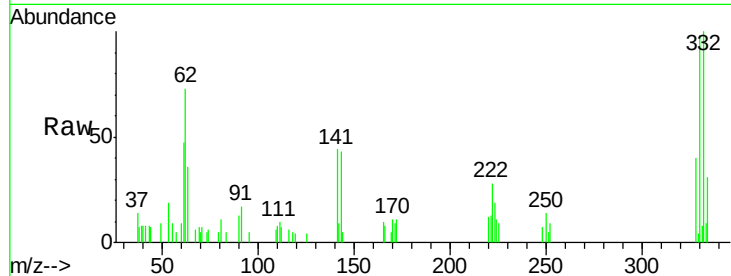
ClientSampleId :

PA-SB-01BMS

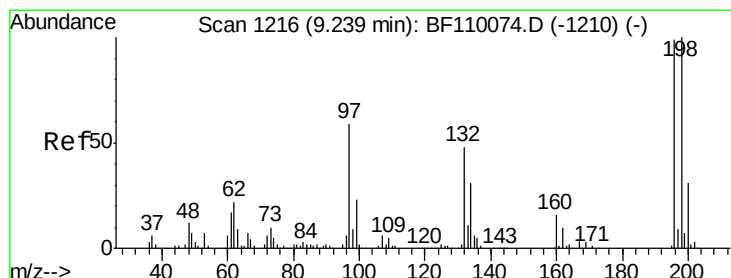
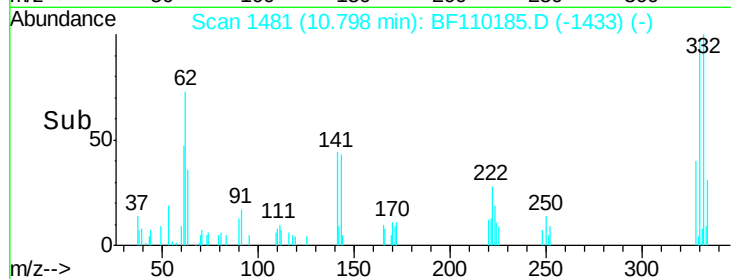
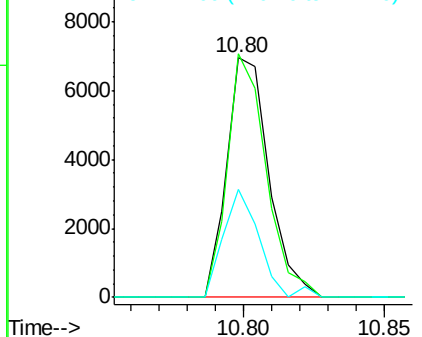
Tgt Ion:	330	Resp:	7192
Ion Ratio	Lower	Upper	
330	100		
332	93.8	77.1	115.7
141	38.8	27.0	40.4

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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: 1.579 ng

RT: 9.29 min Scan# 1224

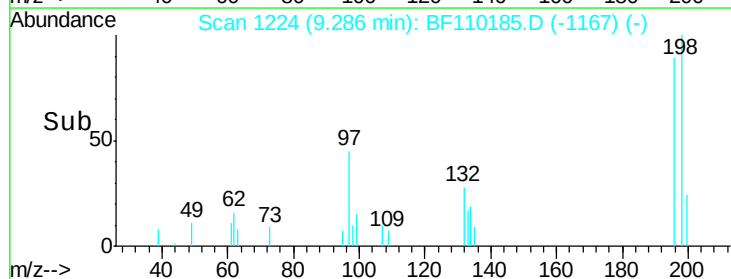
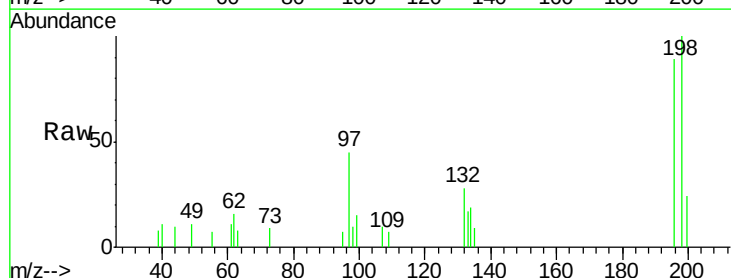
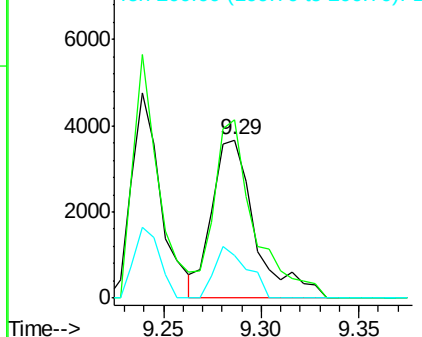
Delta R.T. 0.04 min

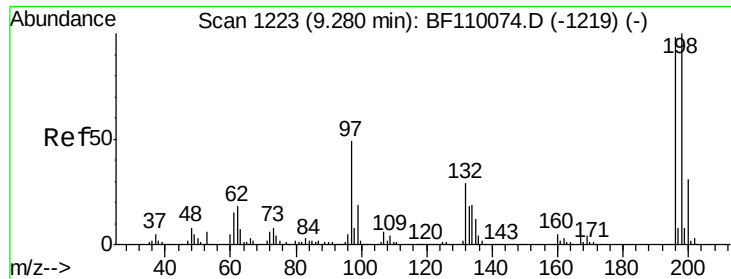
Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	196	Resp:	5656
Ion Ratio	Lower	Upper	
196	100		
198	112.9	76.2	114.4
200	27.1	24.4	36.6

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





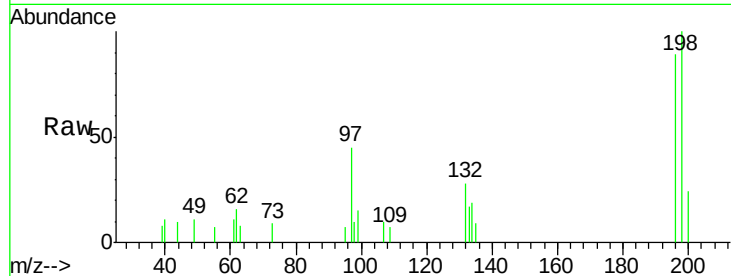
#44
 2,4,5-Trichlorophenol
 Concen: 1.494 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	5656		
198	112.9	75.8	113.6	
97	50.9	42.4	63.6	
132	31.3	22.8	34.2	

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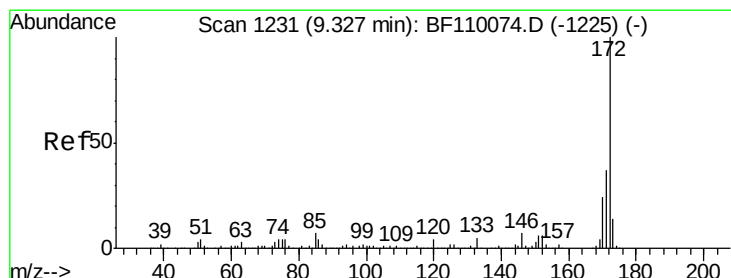
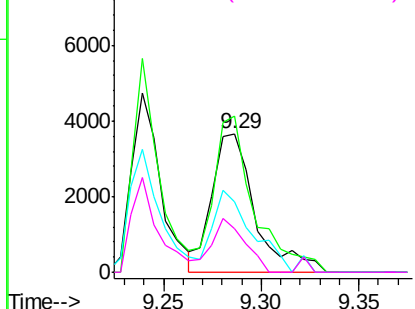
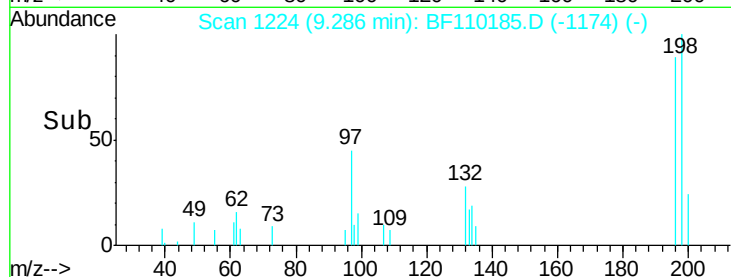
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

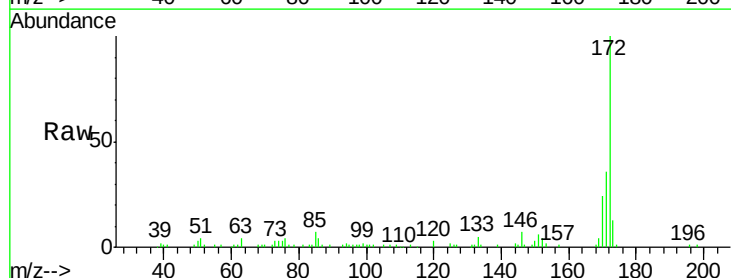
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 4.979 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	56507		
171	35.7	28.6	43.0	
170	23.6	19.7	29.5	

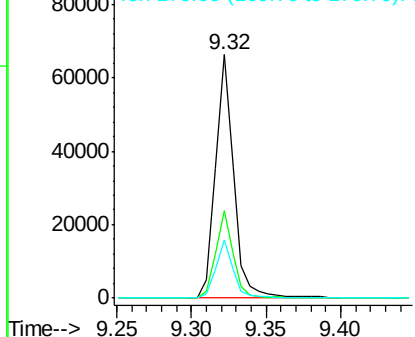
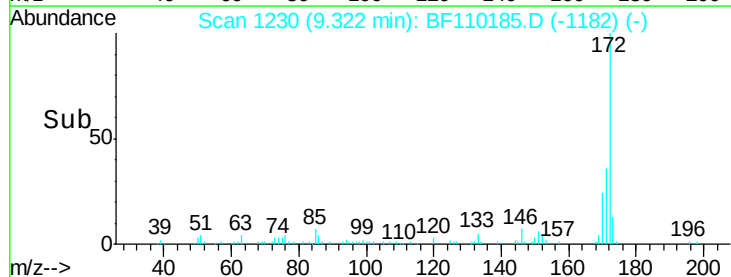


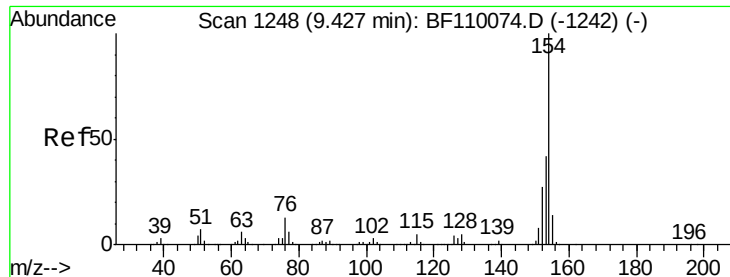
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





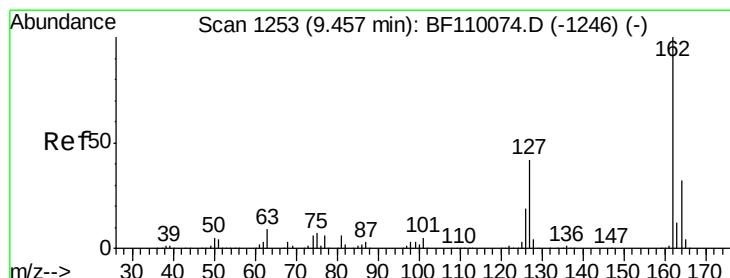
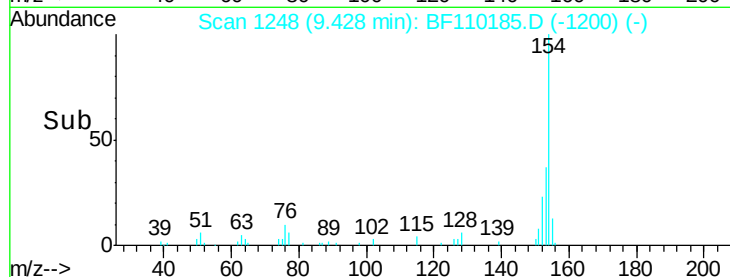
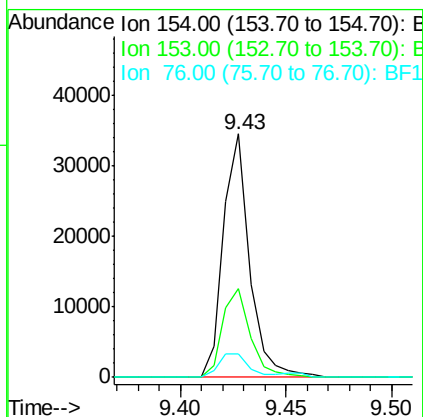
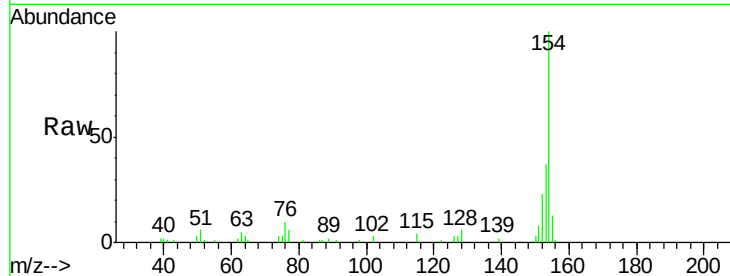
#46
 1,1'-Biphenyl
 Concen: 1.848 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion:	154	Resp:	29781
Ion Ratio	Lower	Upper	
154	100		
153	36.6	20.4	60.4
76	9.6	0.0	31.9

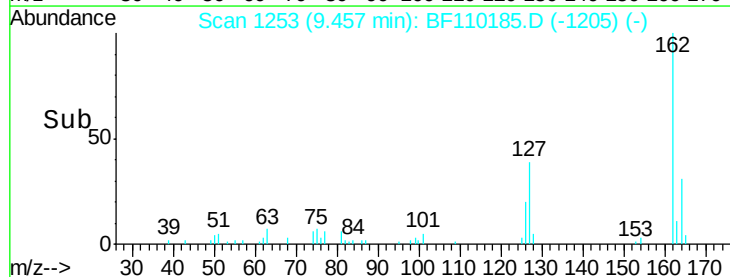
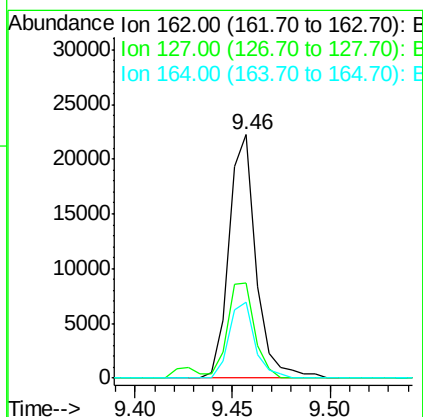
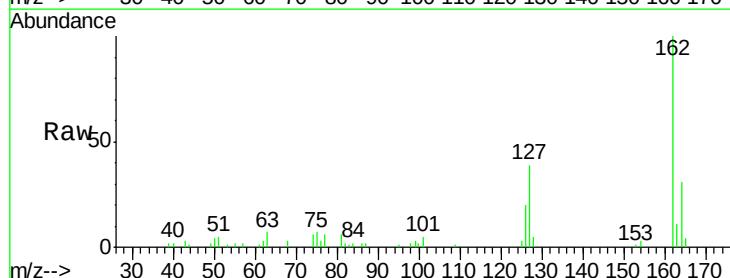
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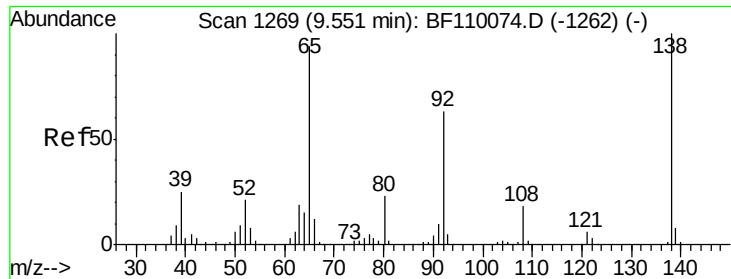
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#47
 2-Chloronaphthalene
 Concen: 1.803 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion:	162	Resp:	21316
Ion Ratio	Lower	Upper	
162	100		
127	38.9	32.6	48.8
164	31.3	25.9	38.9





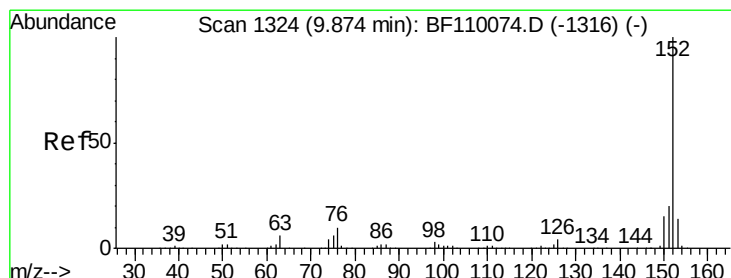
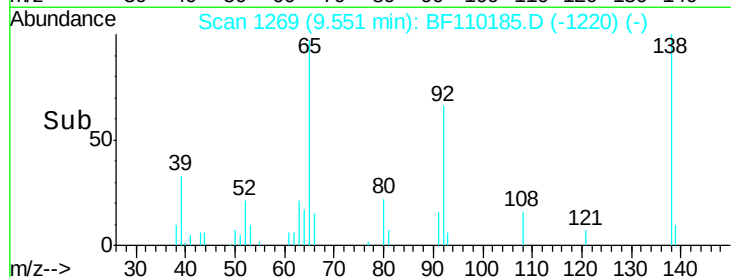
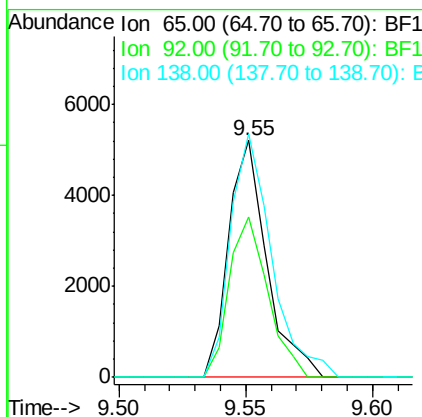
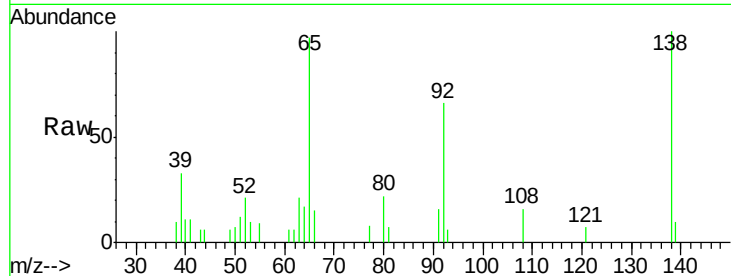
#48
2-Nitroaniline
Concen: 1.527 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	81.8
138	102.9	80.3	120.5

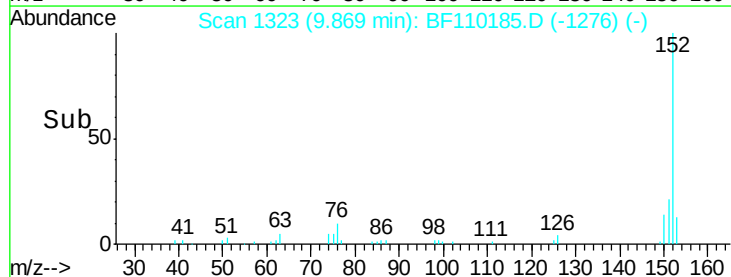
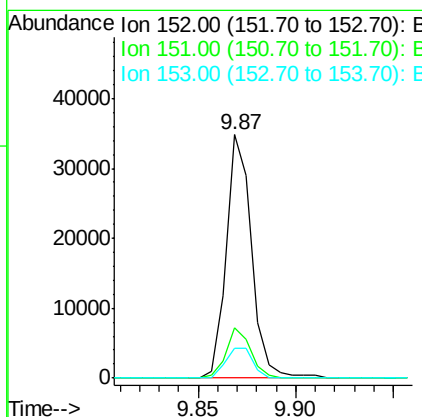
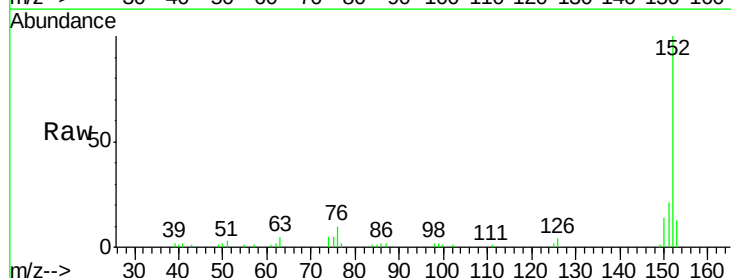
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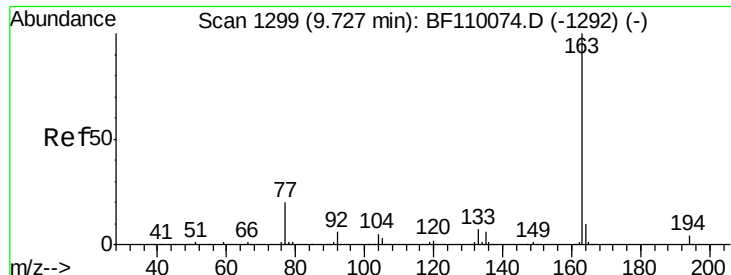
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#49
Acenaphthylene
Concen: 1.825 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	12.5	10.4	15.6





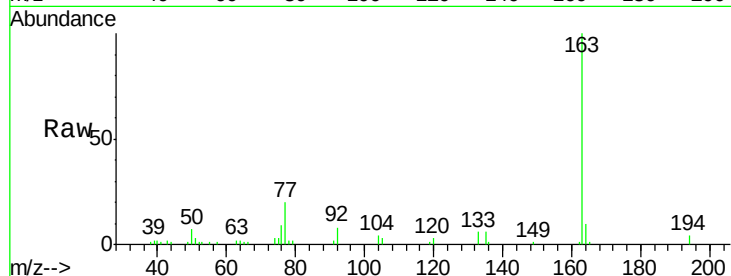
#50
Dimethylphthalate
Concen: 2.306 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

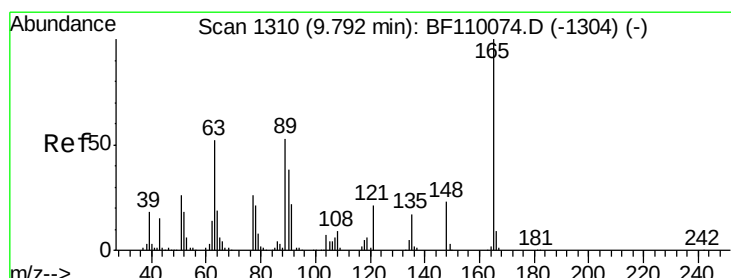
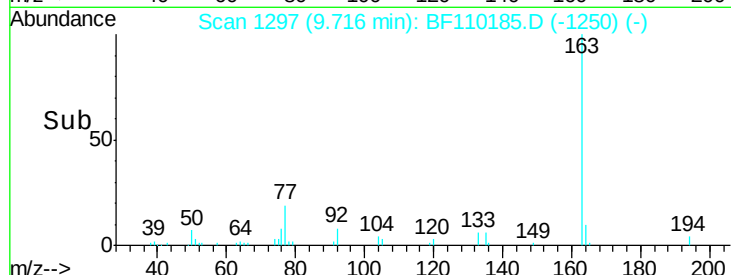
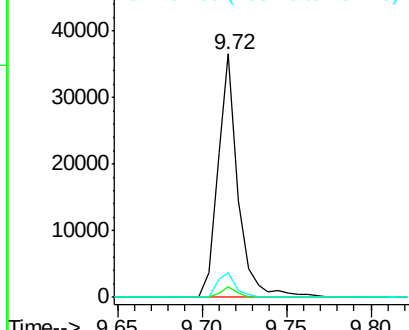
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.2	4.8
164	10.1	8.1	12.1

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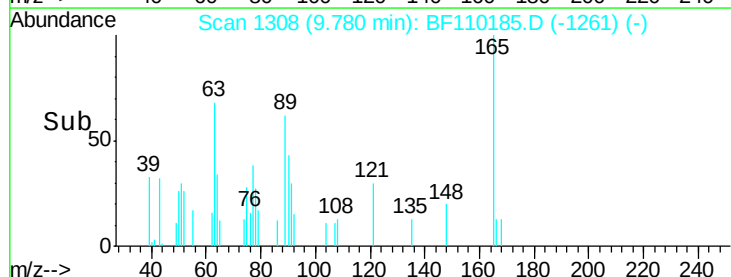
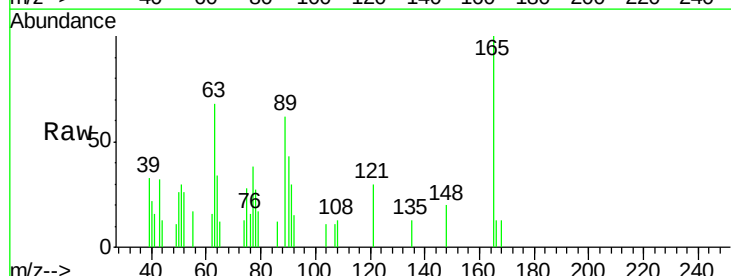
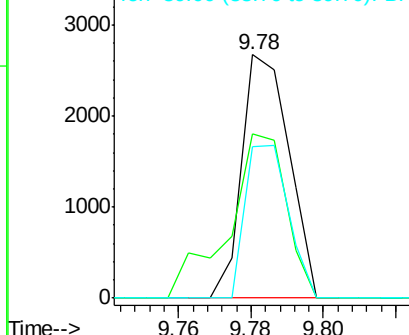
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

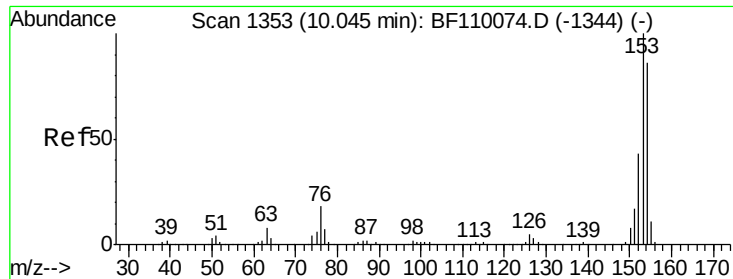


#51
2,6-Dinitrotoluene
Concen: 0.852 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.6	48.9	73.3
89	62.2	46.6	69.8

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: 1.678 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

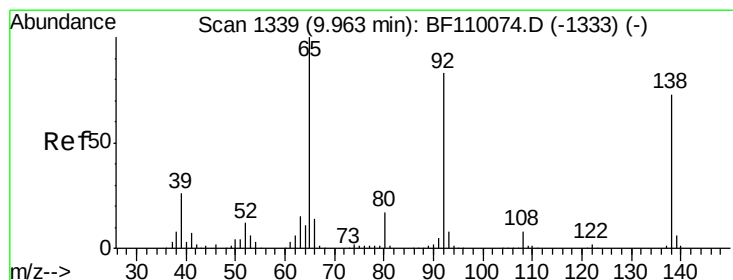
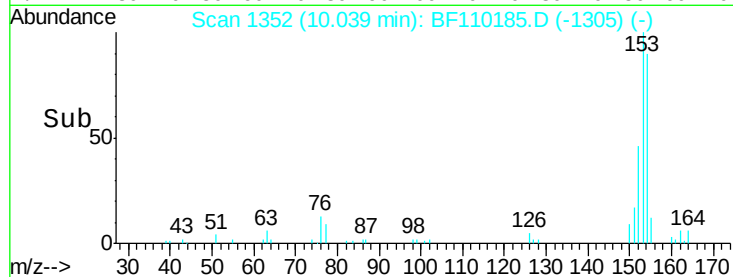
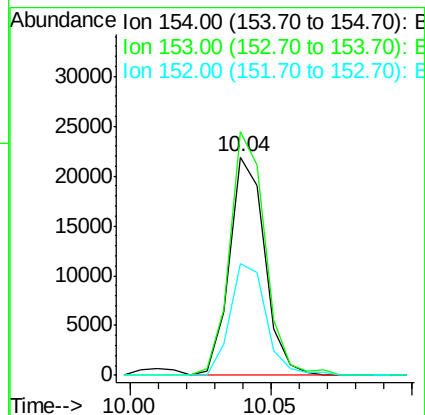
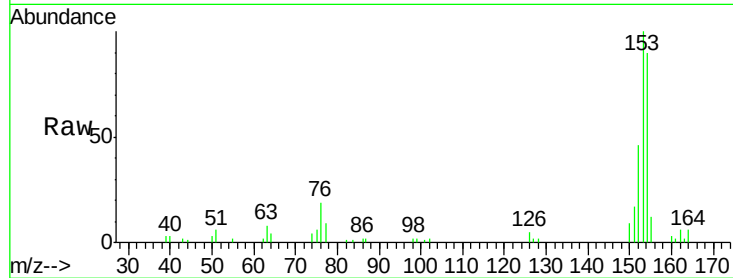
ClientSampleId :

PA-SB-01BMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	18950		
153	111.7	90.1	135.1	
152	51.4	43.4	65.2	

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#53

3-Nitroaniline

Concen: 1.123 ng

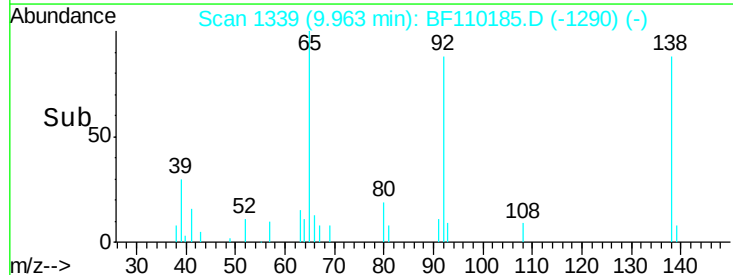
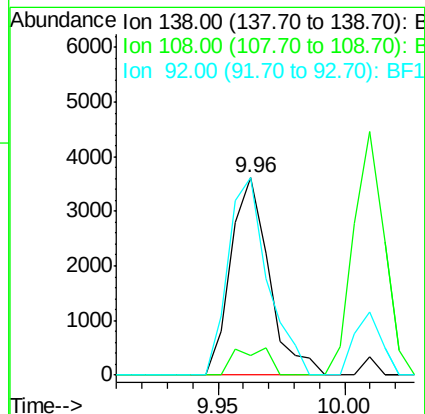
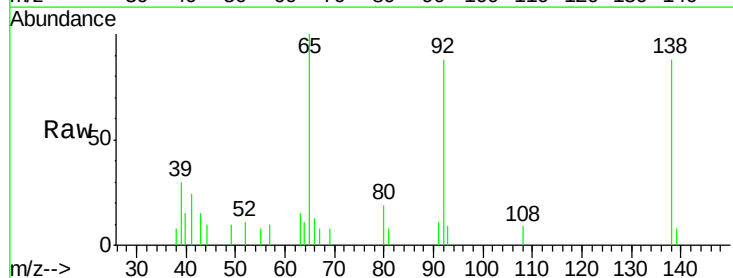
RT: 9.96 min Scan# 1339

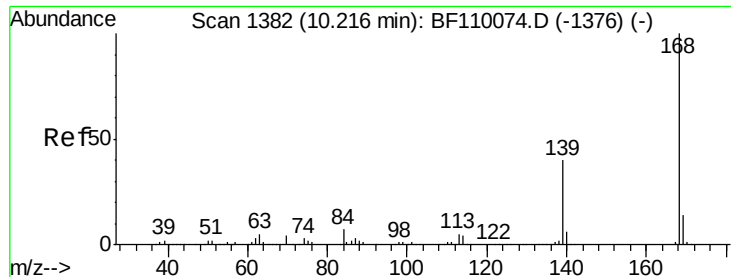
Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	3786		
108	9.6	8.7	13.1	
92	100.1	97.0	145.4	





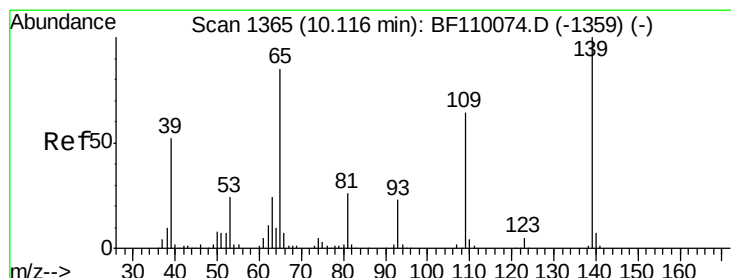
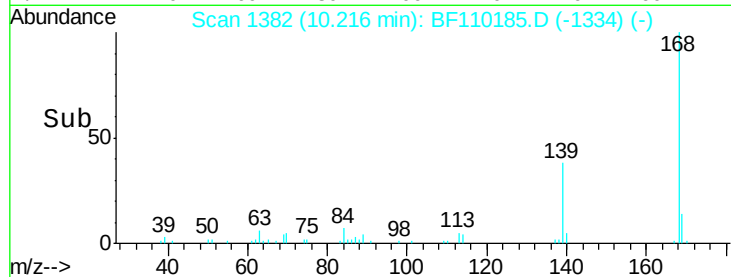
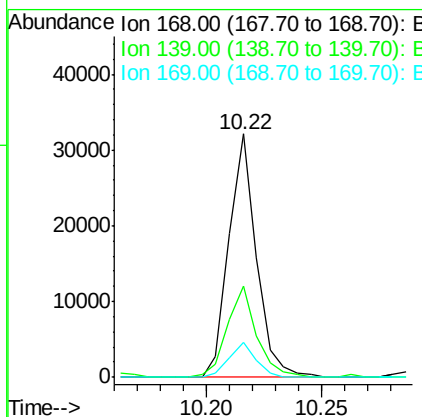
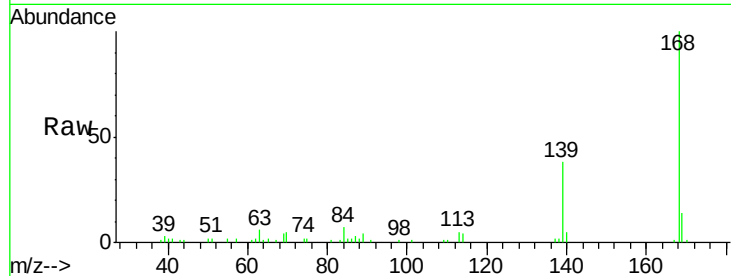
#55
Dibenzenofuran
Concen: 1.687 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion:	168	Resp:	26679
Ion Ratio	Lower	Upper	
168	100		
139	37.6	33.0	49.6
169	14.2	11.3	16.9

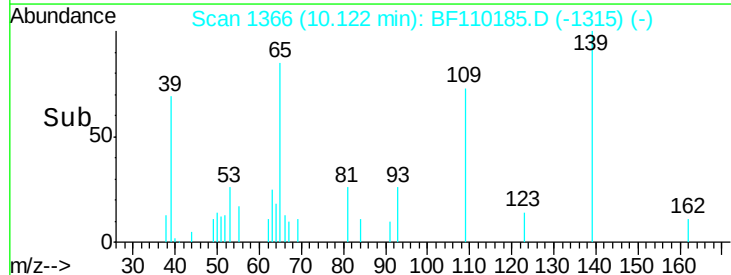
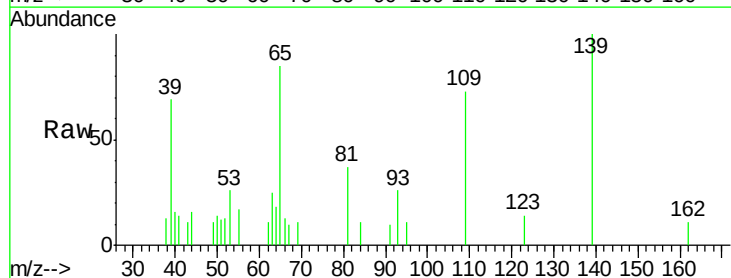
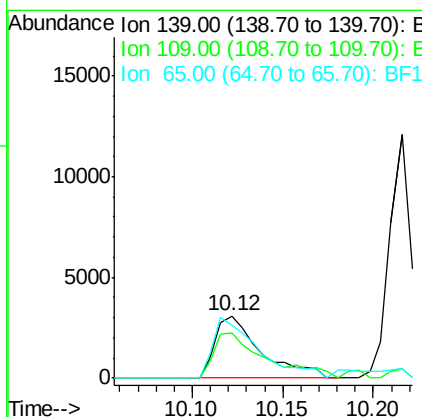
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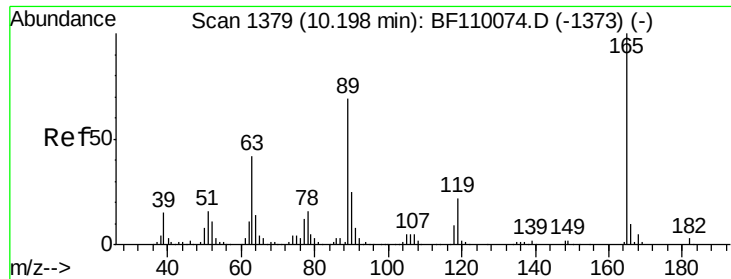
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#56
4-Nitrophenol
Concen: 2.170 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion:	139	Resp:	5412
Ion Ratio	Lower	Upper	
139	100		
109	73.1	55.8	95.8
65	85.4	77.9	117.9





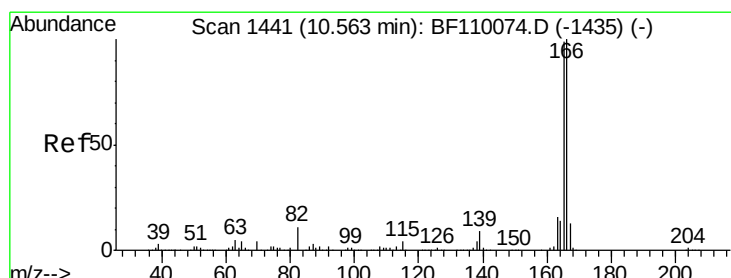
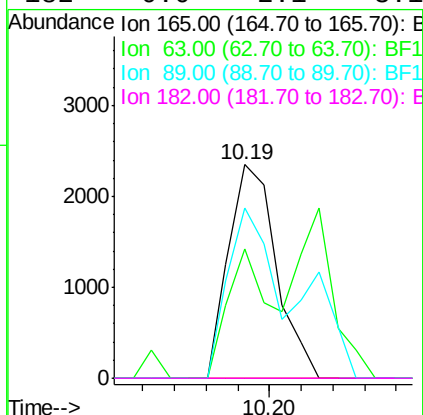
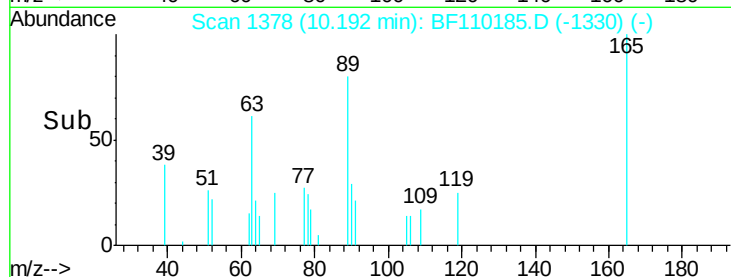
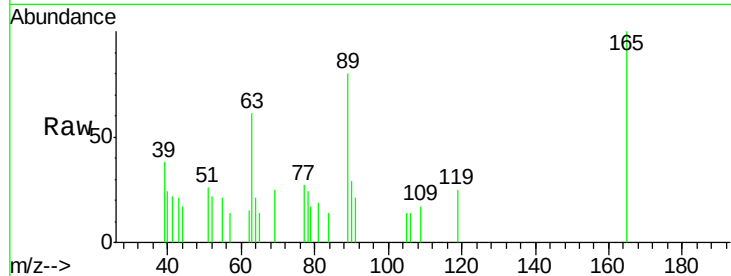
#57
2,4-Dinitrotoluene
Concen: 0.680 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.6	44.8	67.2
89	79.8	62.2	93.4
182	0.0	2.1	3.1

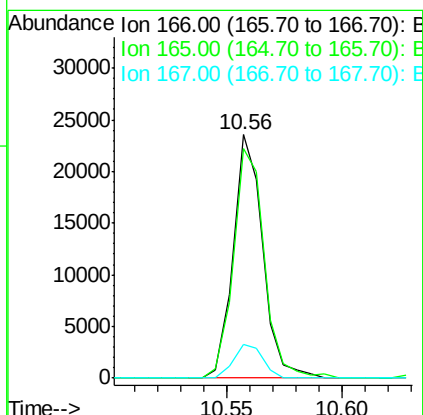
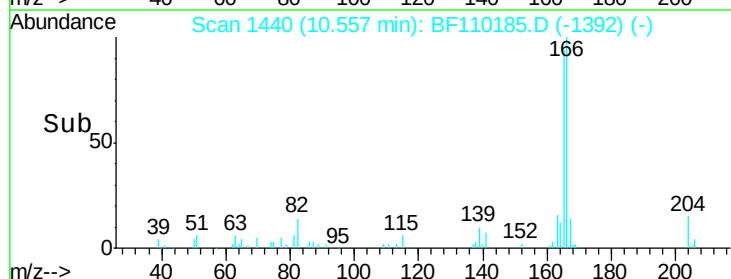
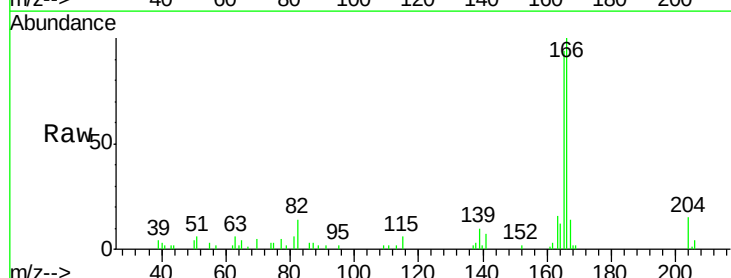
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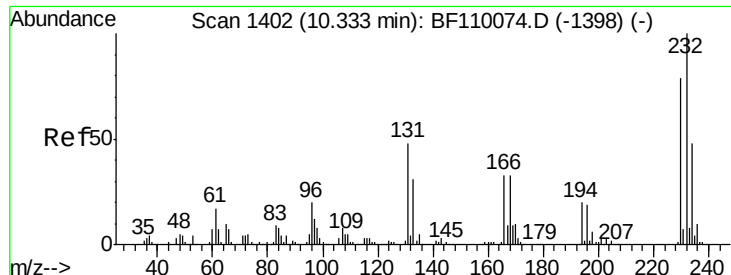
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#58
Fluorene
Concen: 1.784 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	94.2	78.6	117.8
167	13.7	10.8	16.2





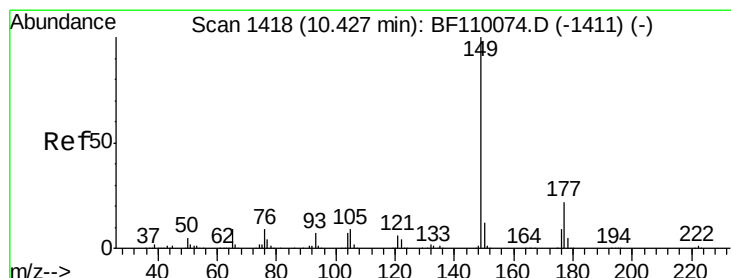
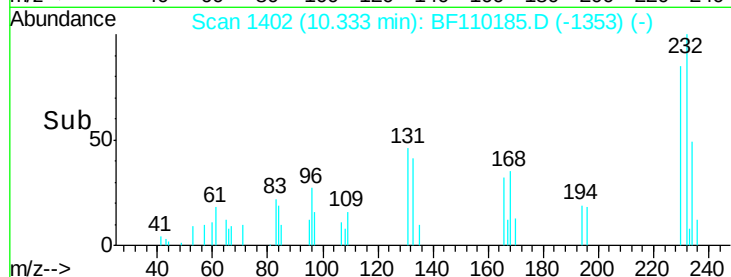
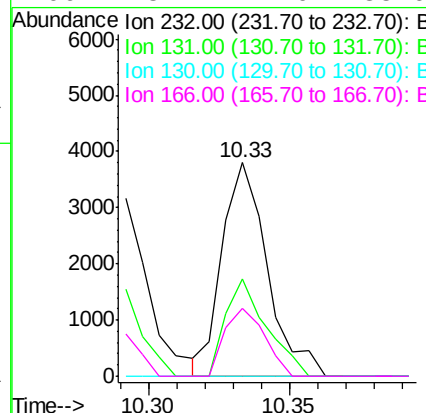
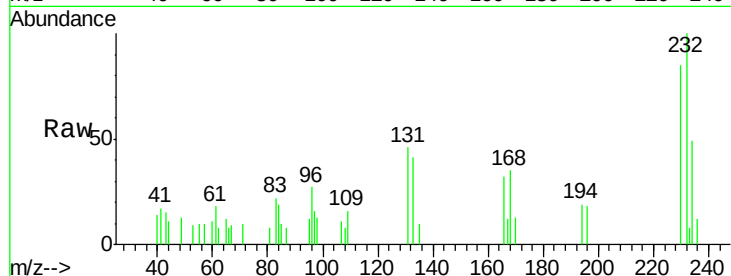
#59
2,3,4,6-Tetrachlorophenol
Concen: 1.367 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.3	37.0	55.4
130	0.0	1.8	2.6
166	28.2	22.0	33.0

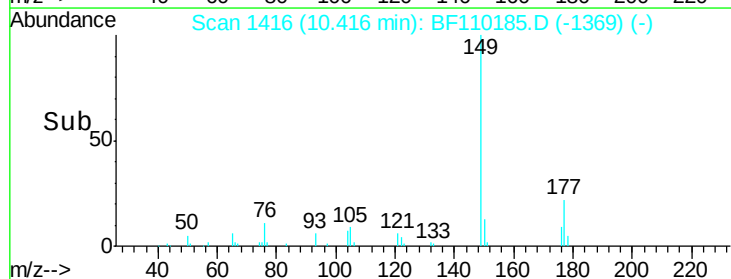
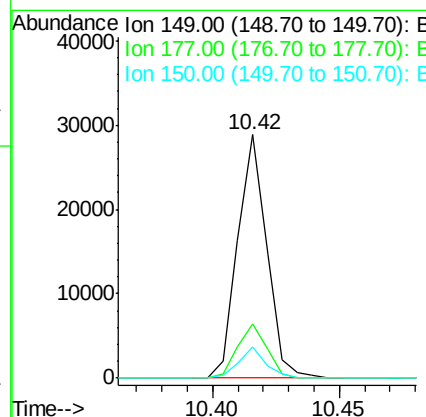
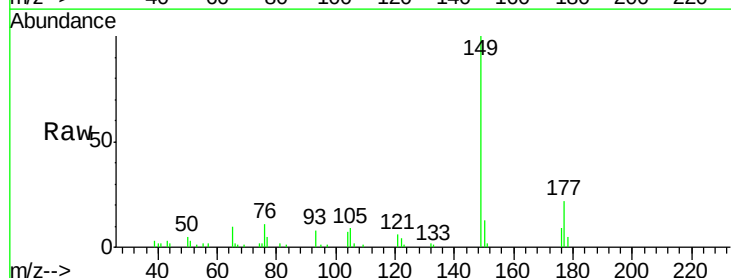
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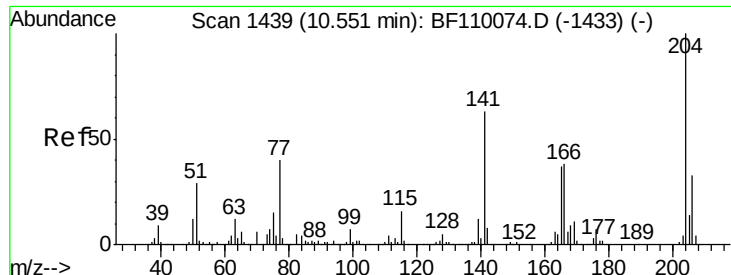
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#60
Diethylphthalate
Concen: 1.792 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.6	9.8	14.8





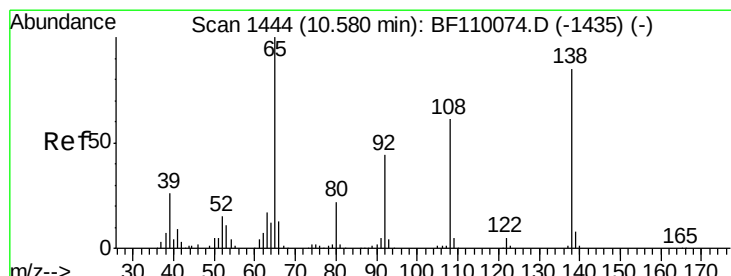
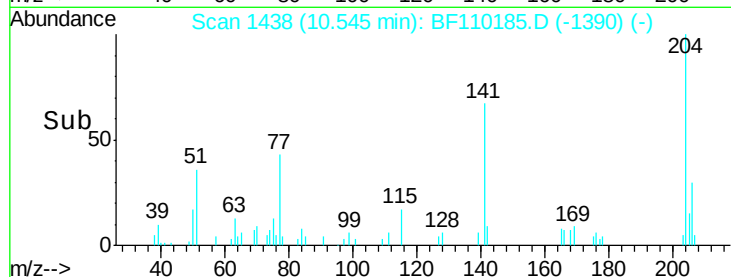
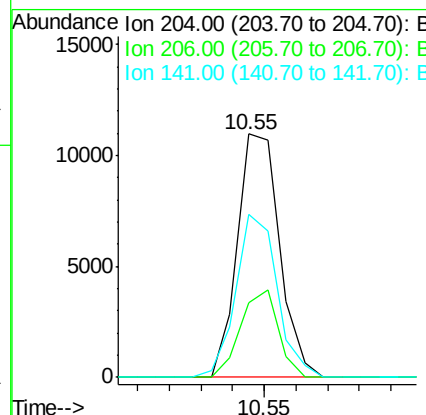
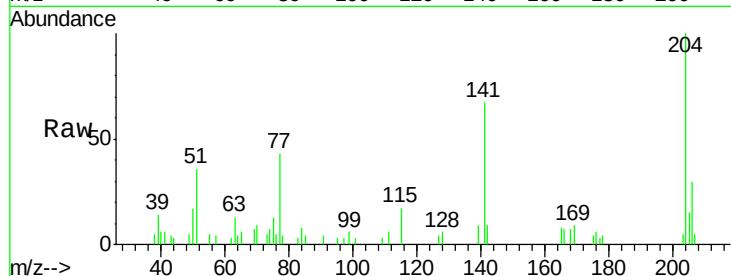
#61
 4-Chlorophenyl-phenylether
 Concen: 1.624 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.5	26.5	39.7
141	66.8	51.8	77.8

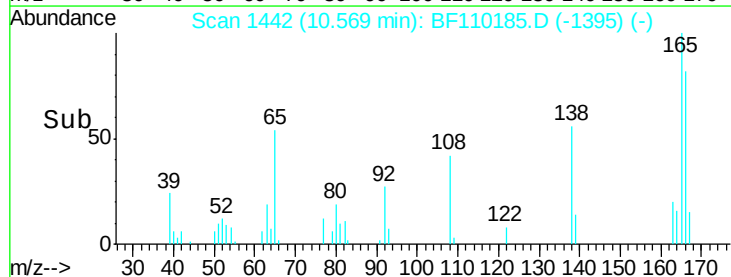
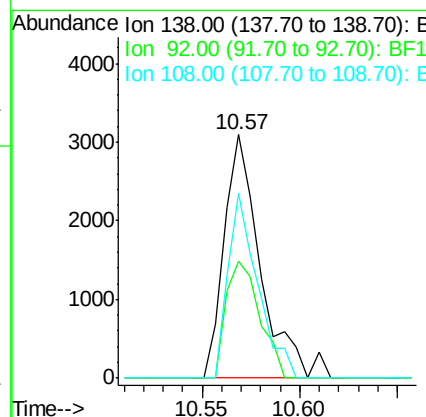
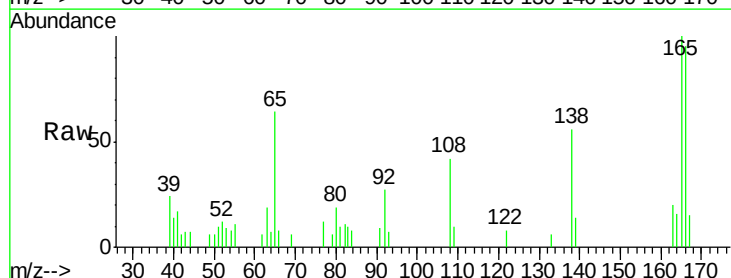
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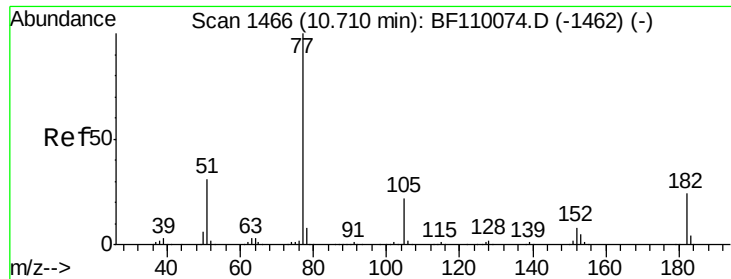
Sohil
 10/26/2018 3:49:32 PM



#62
 4-Nitroaniline
 Concen: 1.198 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	31.7	71.7
108	75.7	59.3	99.3





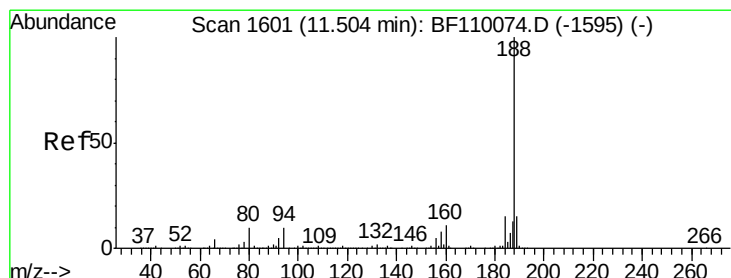
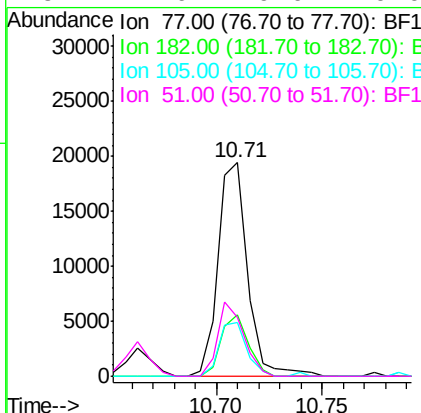
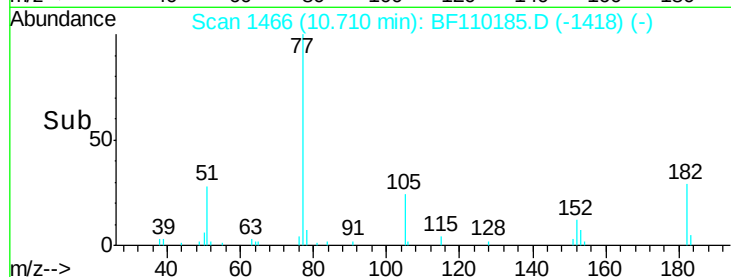
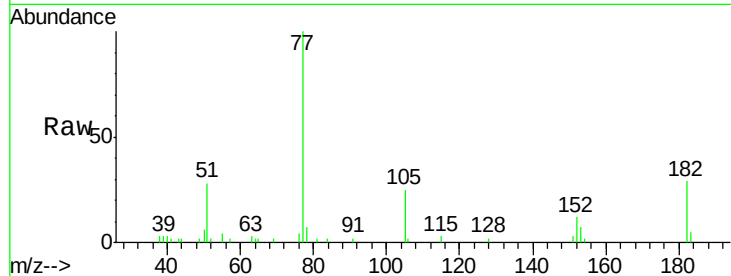
#63
Azobenzene
Concen: 1.471 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	18748		
182	28.8	4.3	44.3	
105	25.4	1.3	41.3	
51	27.6	9.0	49.0	

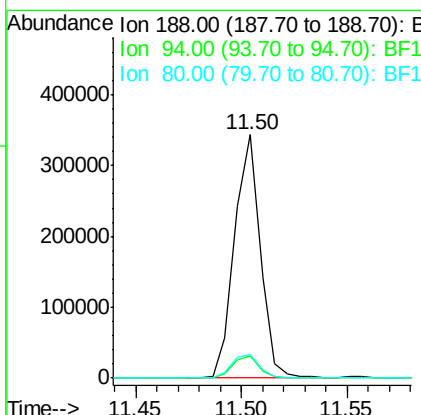
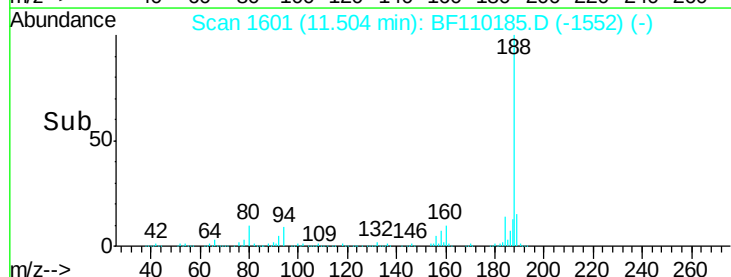
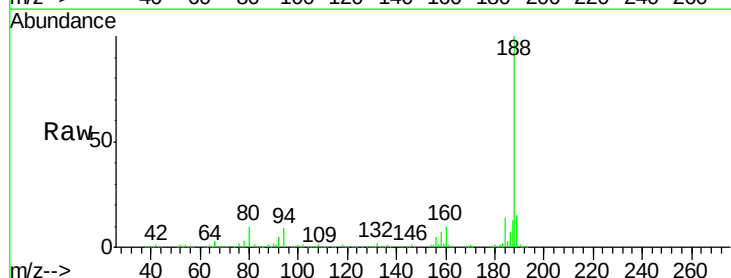
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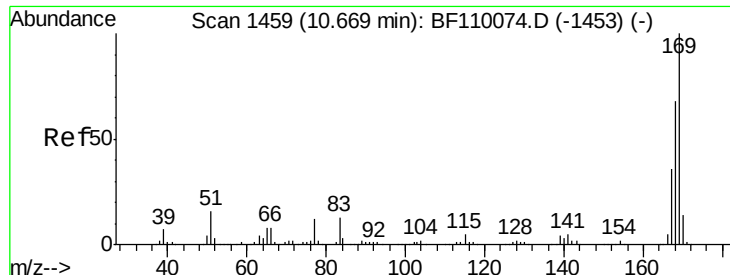
Sohil
10/26/2018 3:49:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	290208		
94	9.0	7.2	10.8	
80	9.6	7.9	11.9	





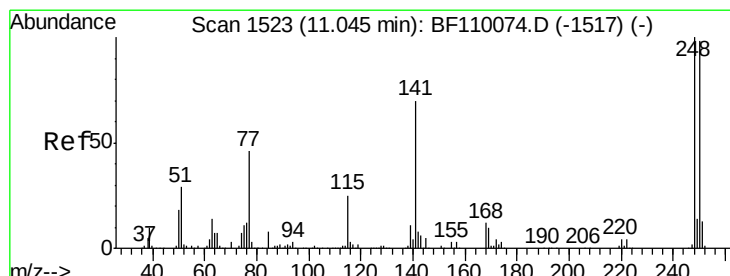
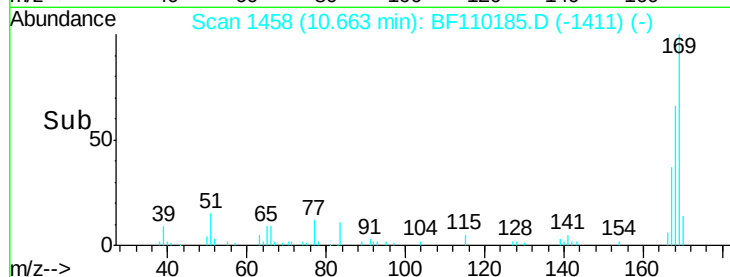
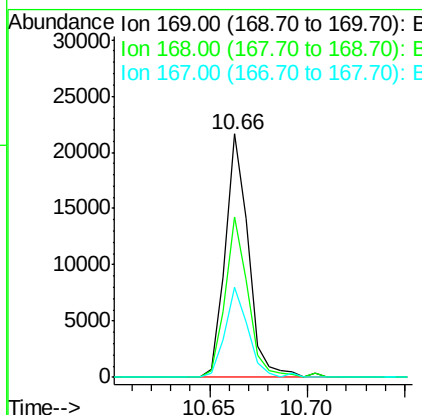
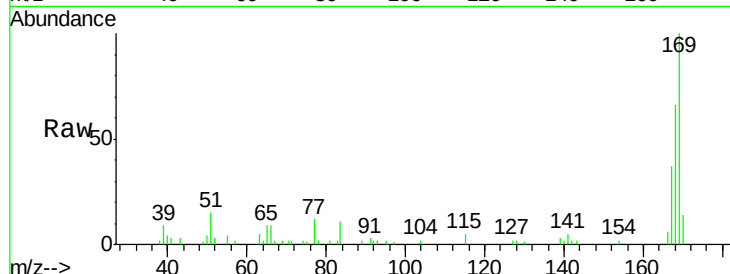
#66
 n-Nitrosodiphenylamine
 Concen: 1.874 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	51.2	76.8
167	36.8	27.8	41.6

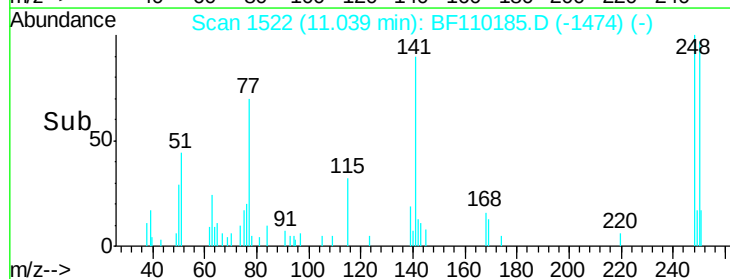
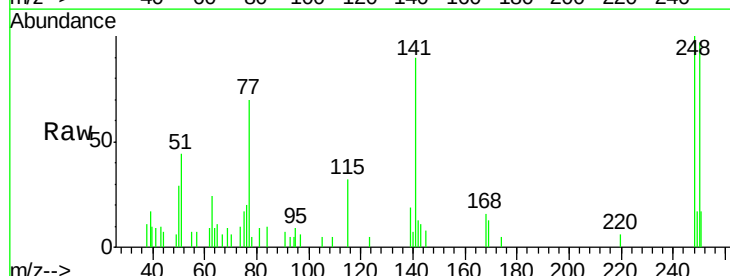
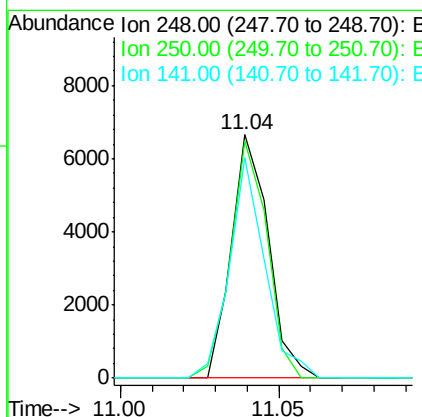
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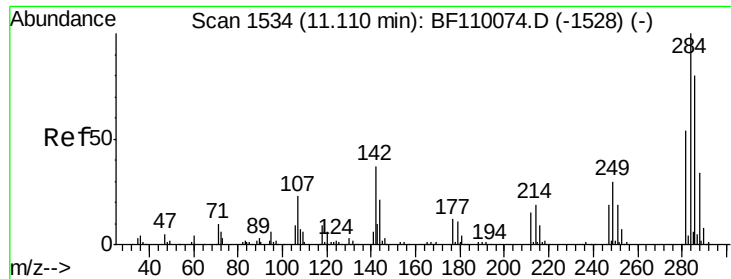
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#67
 4-Bromophenyl-phenylether
 Concen: 1.711 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	90.3	55.9	83.9





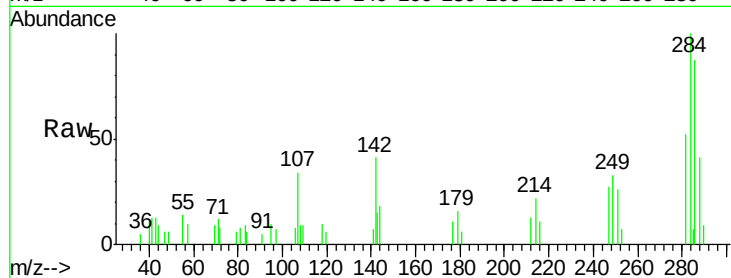
#68
Hexachlorobenzene
Concen: 1.586 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

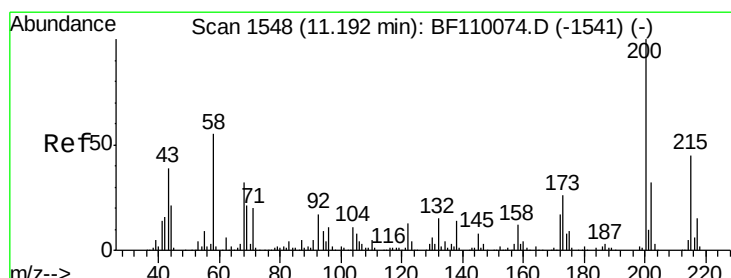
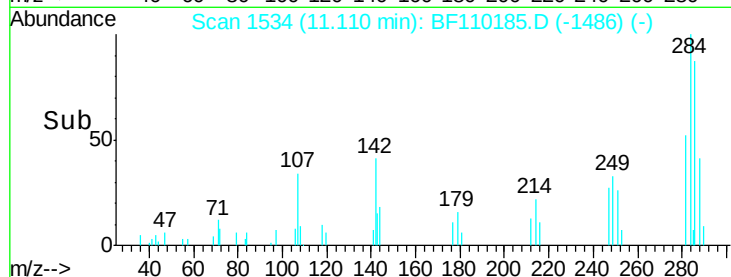
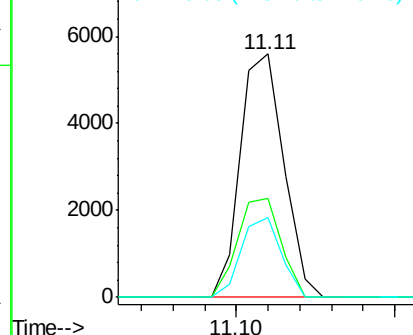
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	40.9	23.9	35.9#
249	32.7	24.2	36.2

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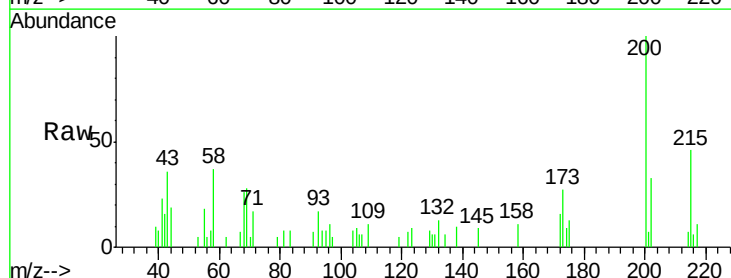


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

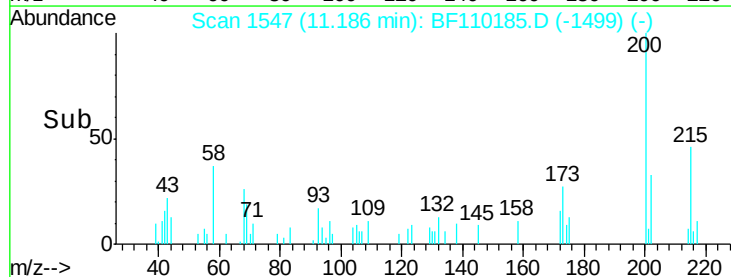
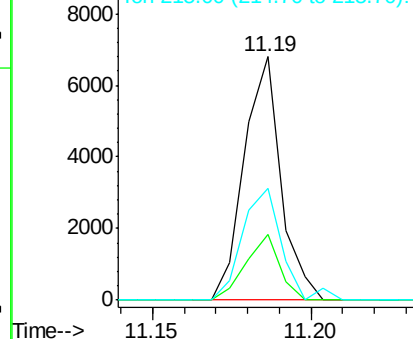


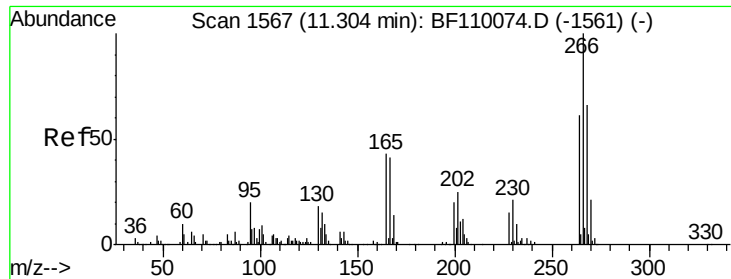
#69
Atrazine
Concen: 1.811 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.6	46.6
215	45.9	26.3	66.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





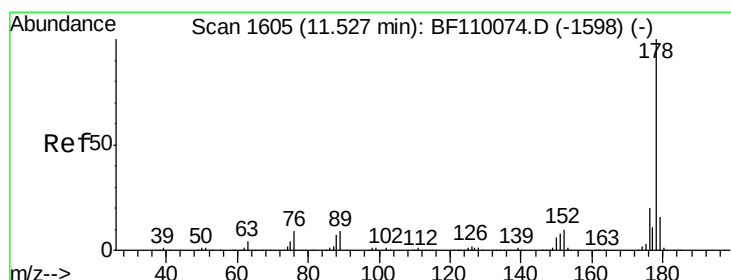
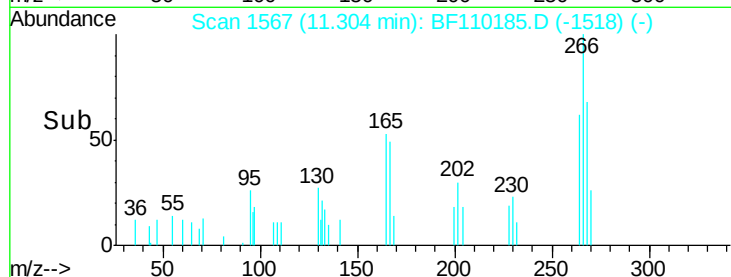
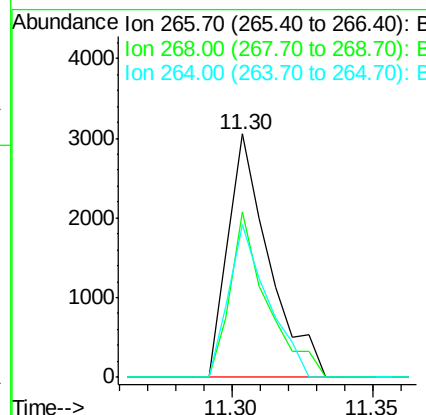
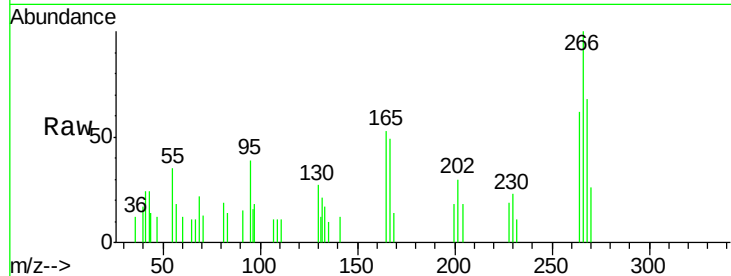
#70
 Pentachlorophenol
 Concen: 1.588 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	50.6	75.8
264	62.5	50.6	75.8

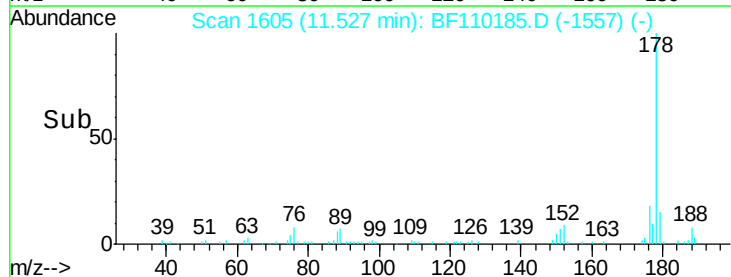
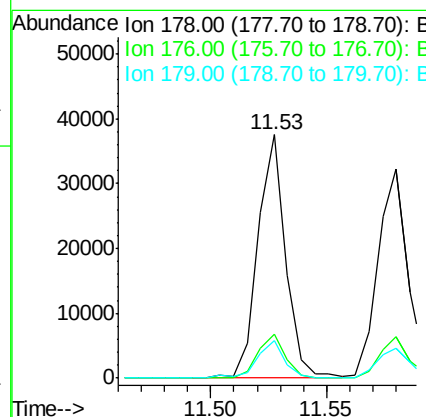
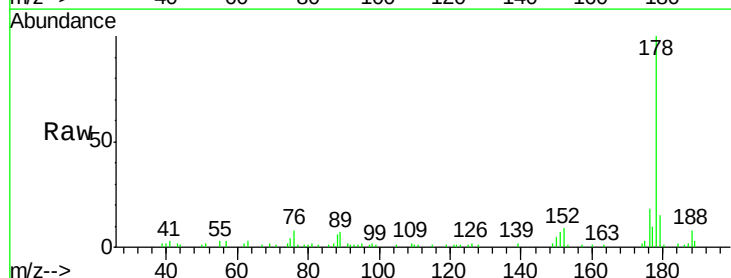
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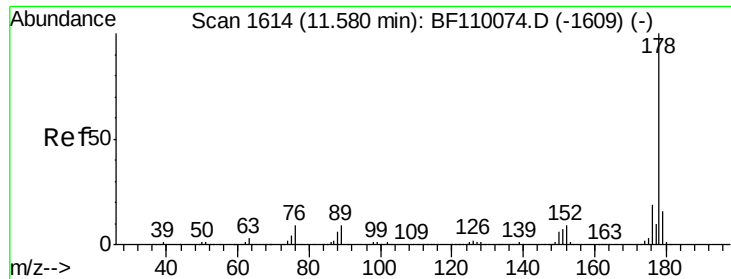
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#71
 Phenanthrene
 Concen: 2.080 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.5	23.3
179	15.4	12.5	18.7





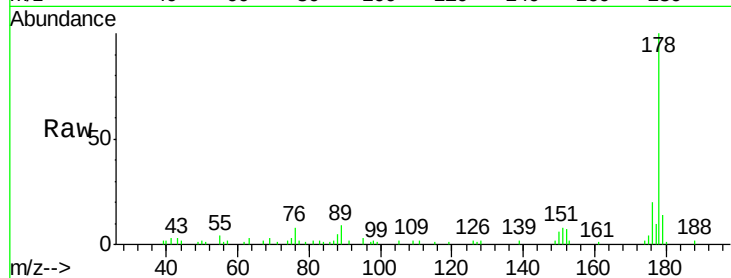
#72
 Anthracene
 Concen: 1.965 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	14.1	12.6	18.8

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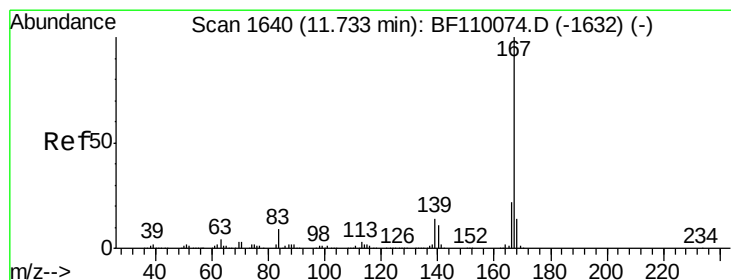
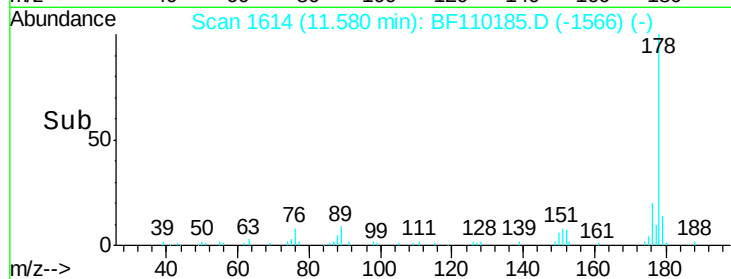
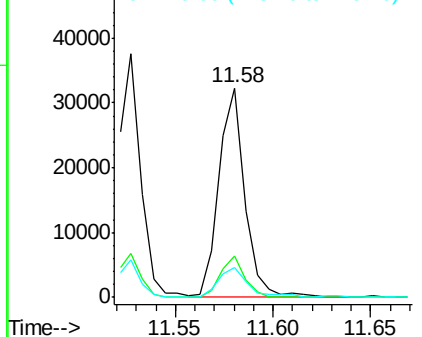


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73
 Carbazole
 Concen: 1.660 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

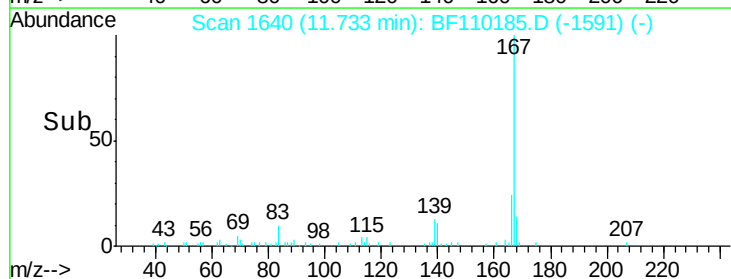
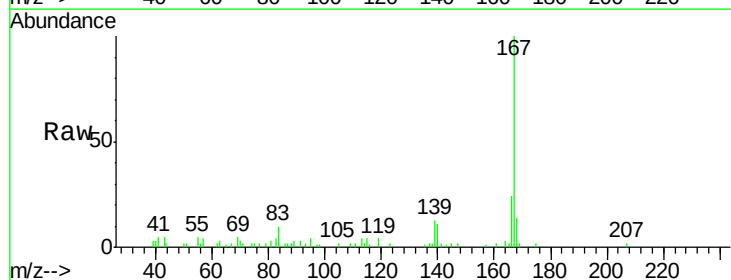
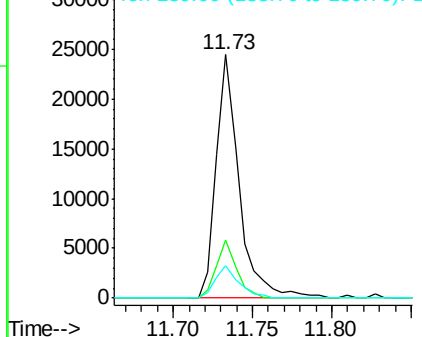
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.4	26.0
139	13.4	10.9	16.3

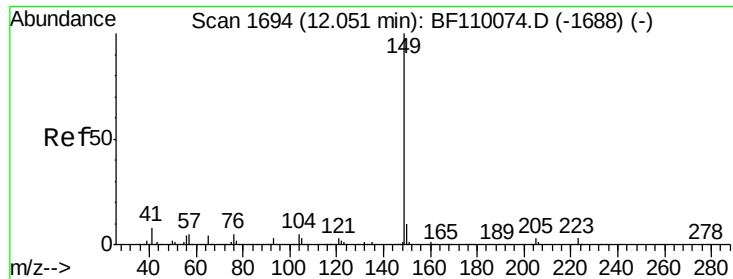
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





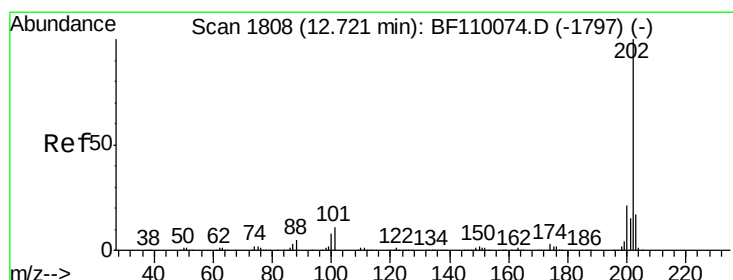
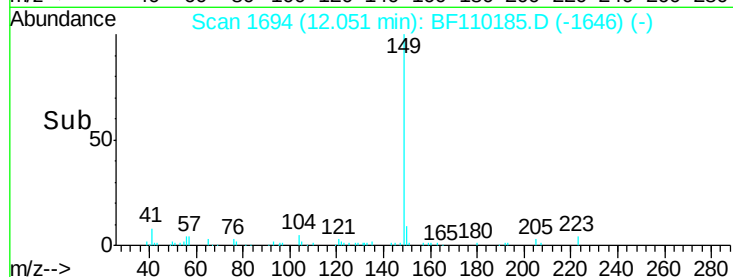
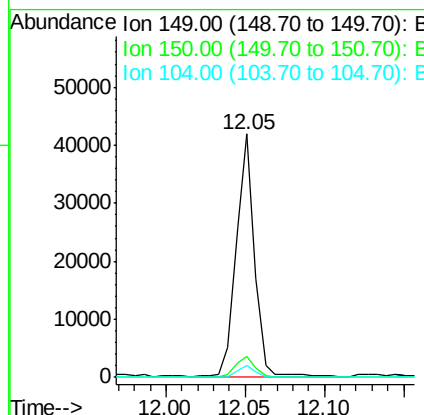
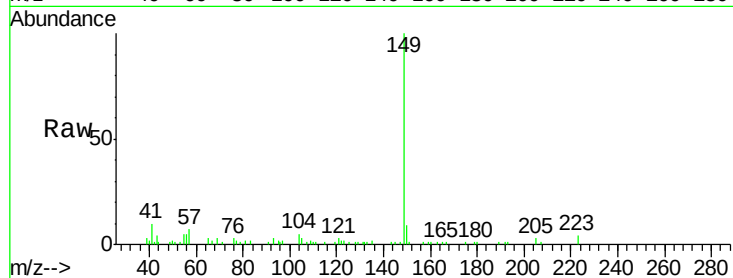
#74
Di-n-butylphthalate
Concen: 2.037 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.5	7.7	11.5
104	5.0	4.2	6.4

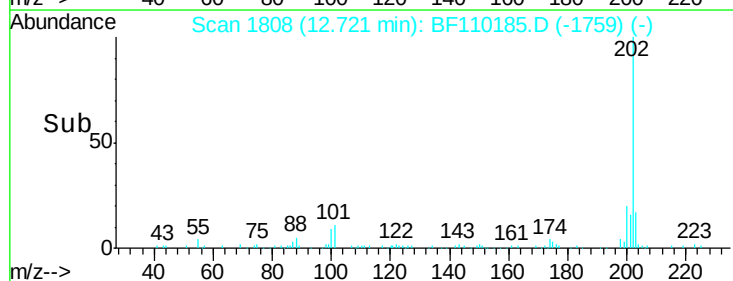
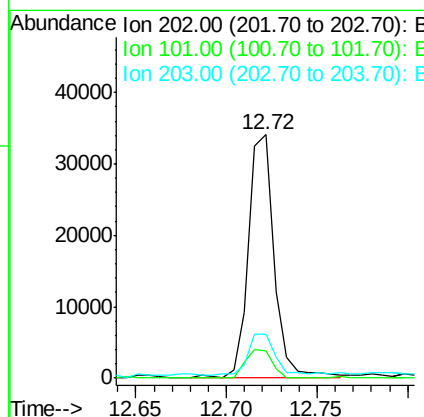
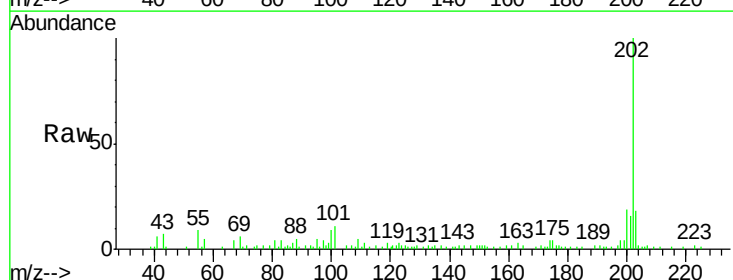
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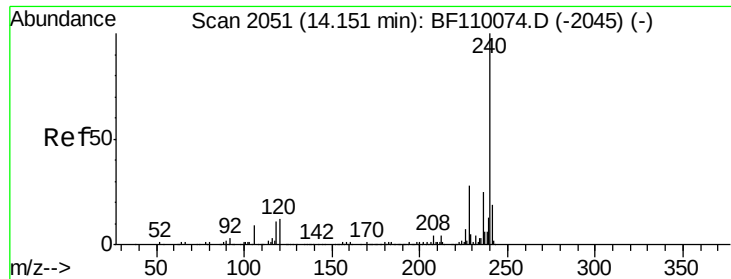
Sohil
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#75
Fluoranthene
Concen: 2.201 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	0.0	31.4
203	18.0	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

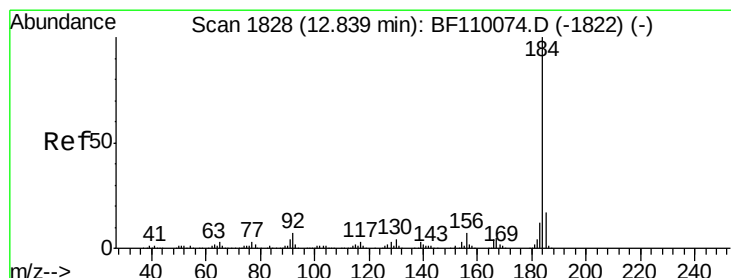
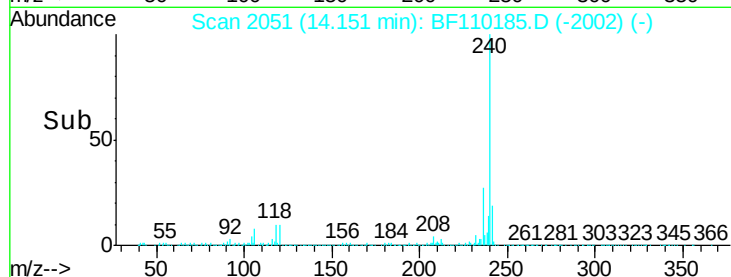
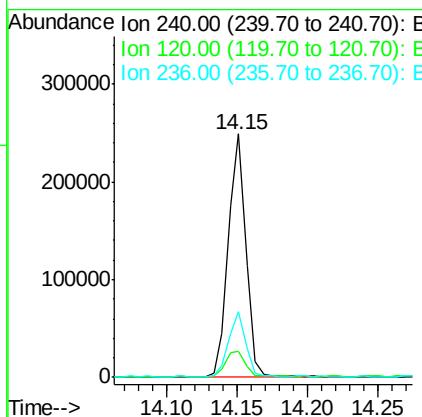
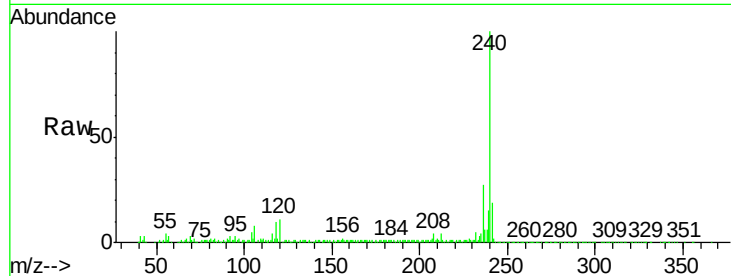
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	240	Resp:	215635
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.3	12.5
236	26.8	21.2	31.8

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#77

Benzidine

Concen: 0.069 ng

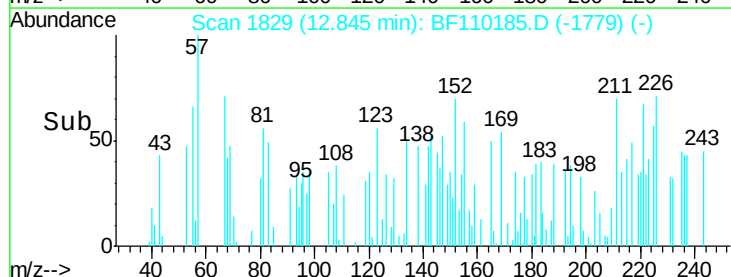
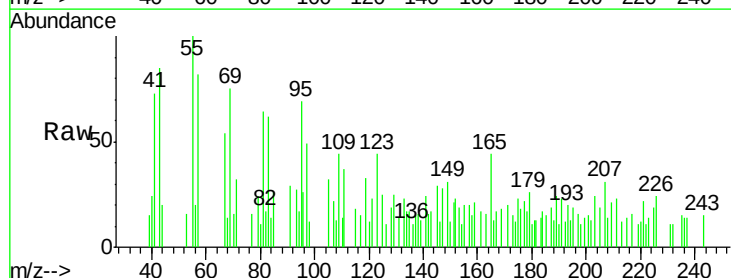
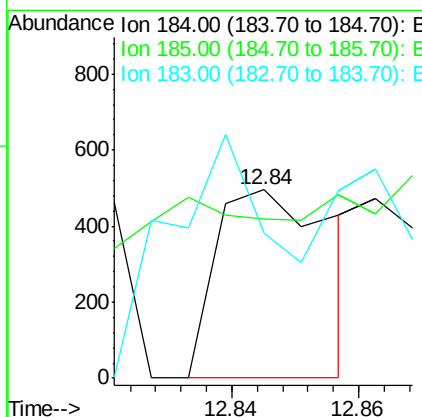
RT: 12.84 min Scan# 1829

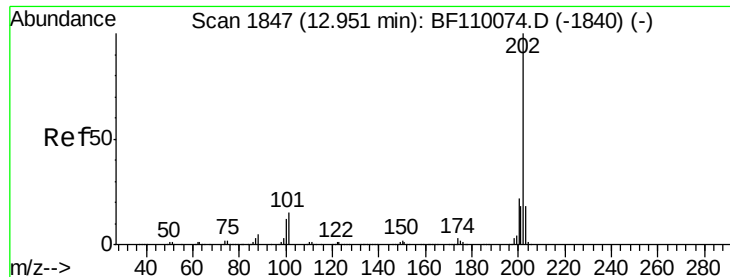
Delta R.T. -0.01 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	184	Resp:	629
Ion Ratio	Lower	Upper	
184	100		
185	84.3	13.4	20.2#
183	77.2	9.4	14.2#





#78

Pyrene

Concen: 2.293 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

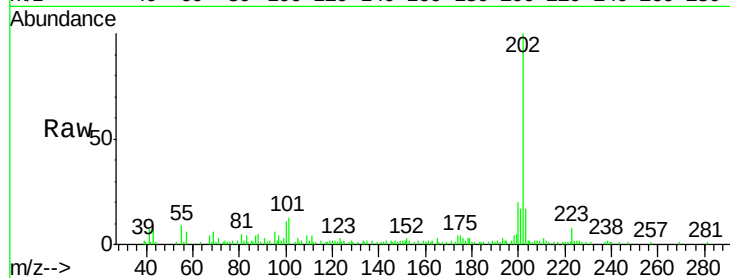
ClientSampleId :

PA-SB-01BMS

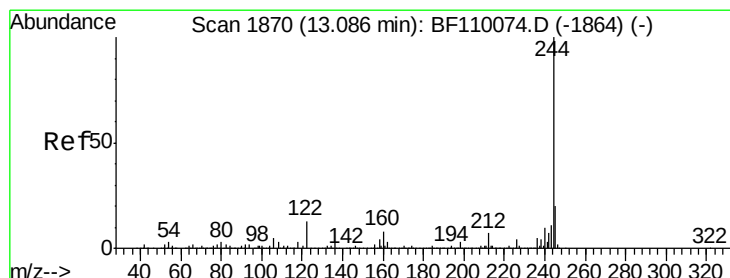
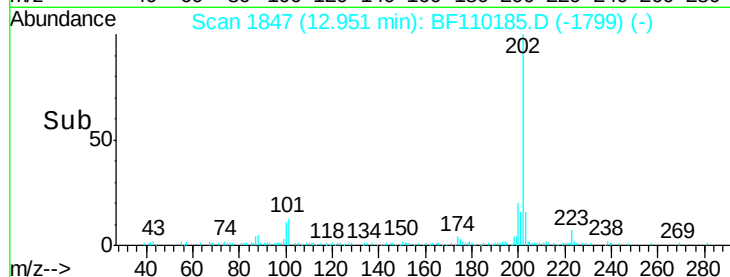
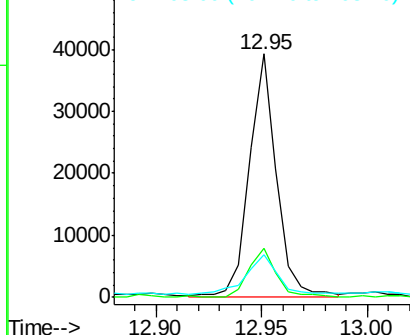
Tgt Ion:	202	Resp:	35452
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.8	26.6
203	17.3	14.2	21.4

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



#79

Terphenyl-d14

Concen: 4.428 ng

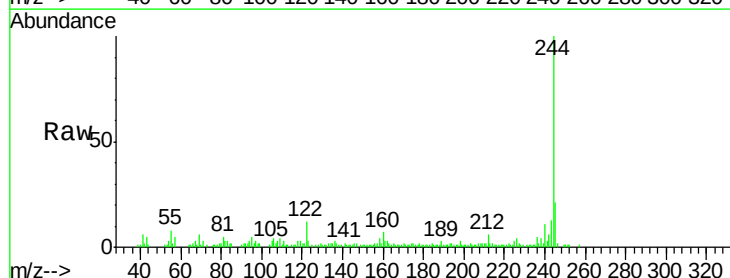
RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

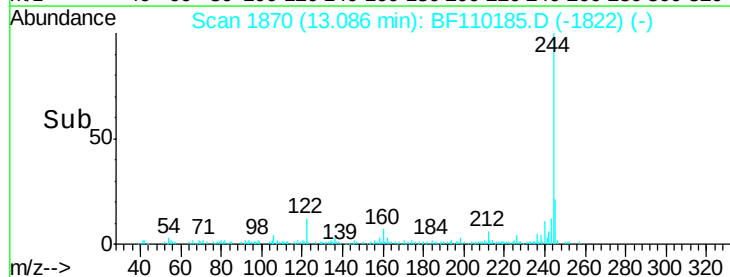
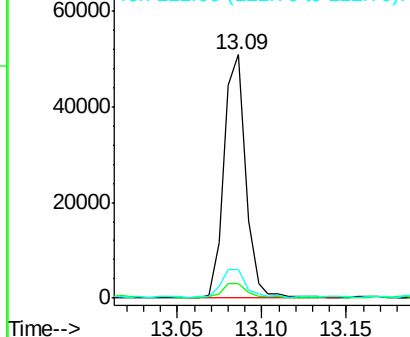
Lab File: BF110185.D

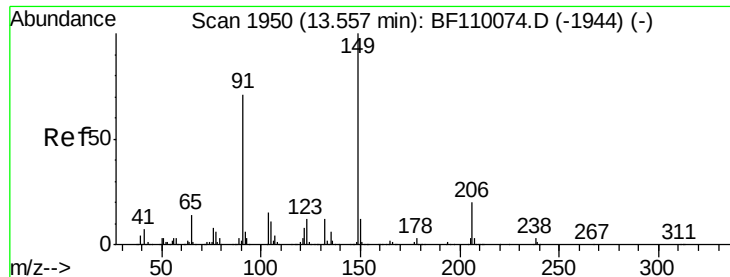
Acq: 26 Oct 2018 2:35

Tgt Ion:	244	Resp:	45910
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.8	8.8
122	11.5	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





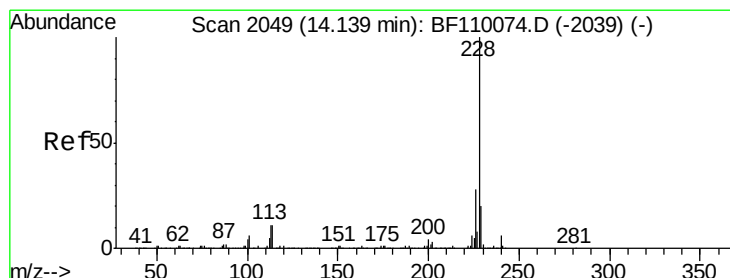
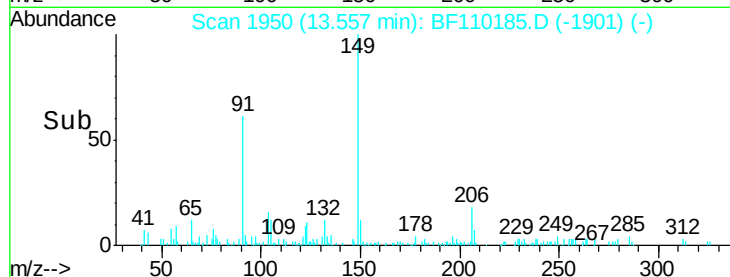
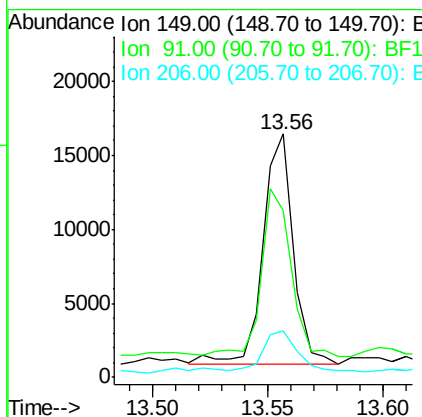
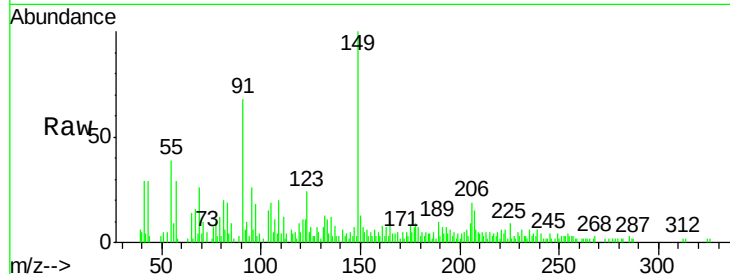
#80
Butylbenzylphthalate
Concen: 2.102 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.3	57.2	85.8
206	19.2	15.7	23.5

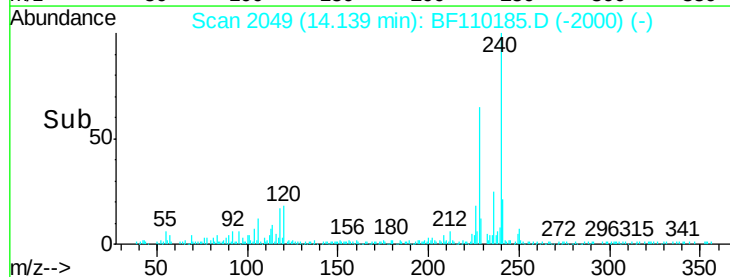
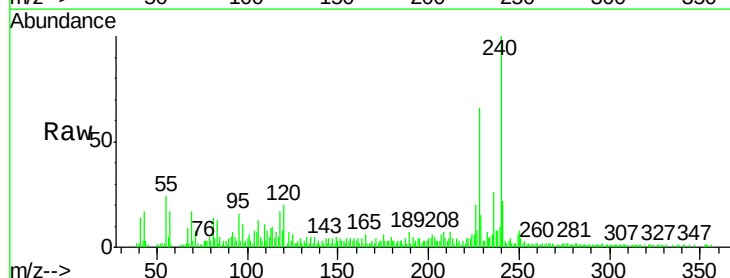
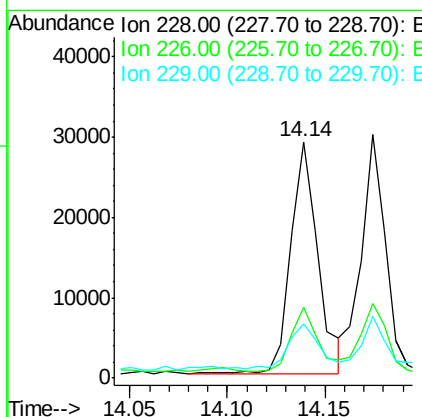
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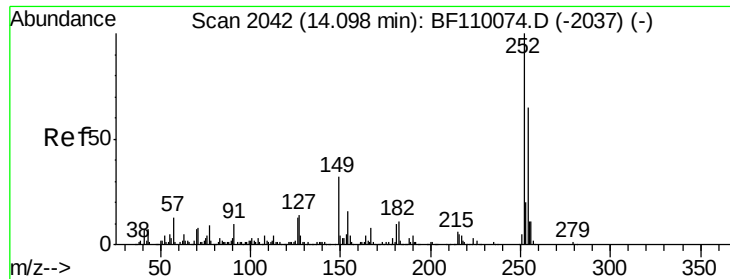
Sohil
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#81
Benzo(a)anthracene
Concen: 2.184 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	22.1	33.1
229	22.8	15.6	23.4





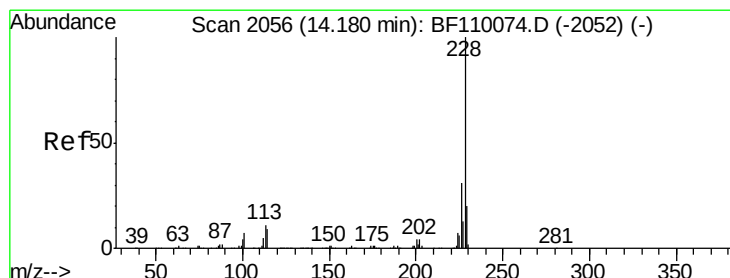
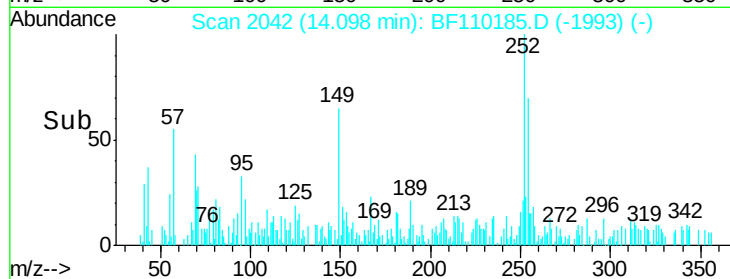
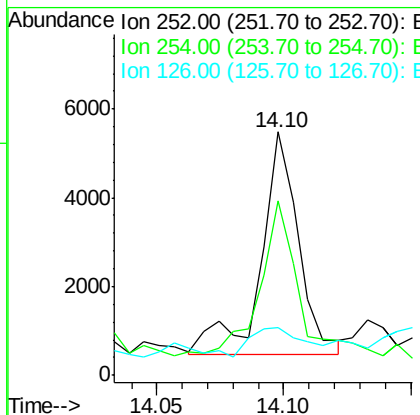
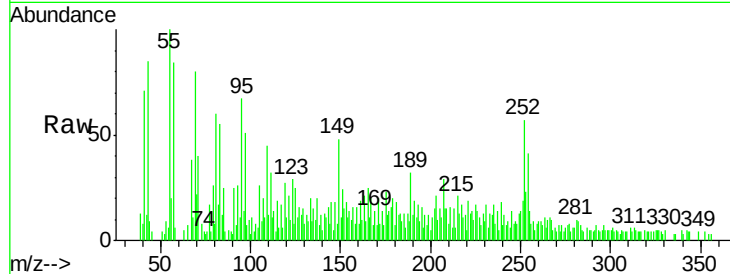
#82
 3,3'-Dichlorobenzidine
 Concen: 1.168 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	71.6	51.3	76.9
126	19.7	9.4	14.2

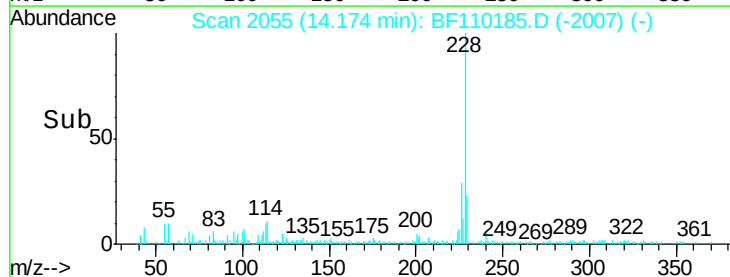
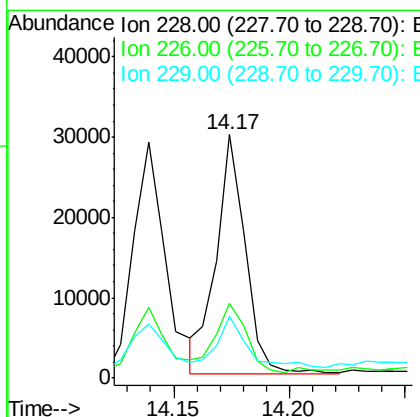
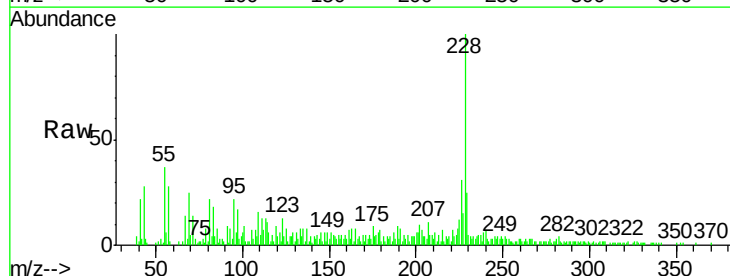
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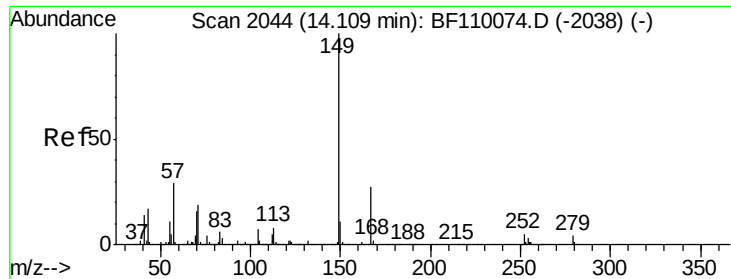
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#83
 Chrysene
 Concen: 2.159 ng m
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	25.3	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.200 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

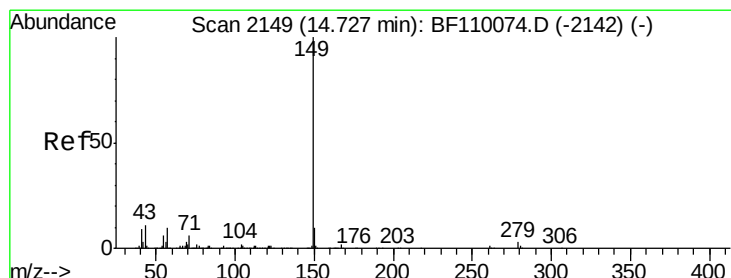
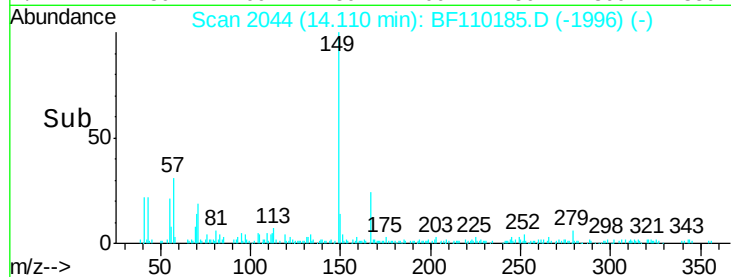
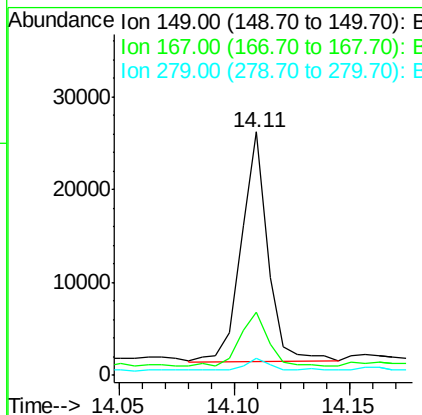
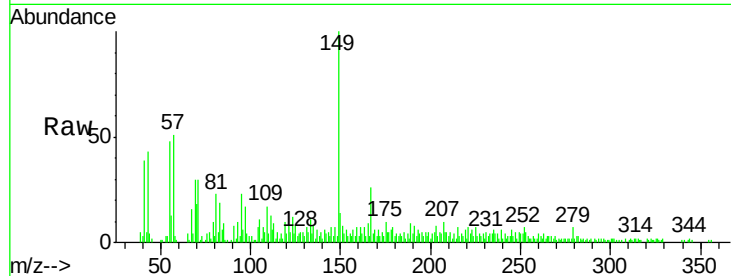
ClientSampleId :

PA-SB-01BMS

Tgt Ion:	149	Resp:	19958
Ion Ratio	Lower	Upper	
149	100		
167	25.8	19.8	29.8
279	7.2	2.7	4.1#

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#85

Di-n-octyl phthalate

Concen: 2.077 ng

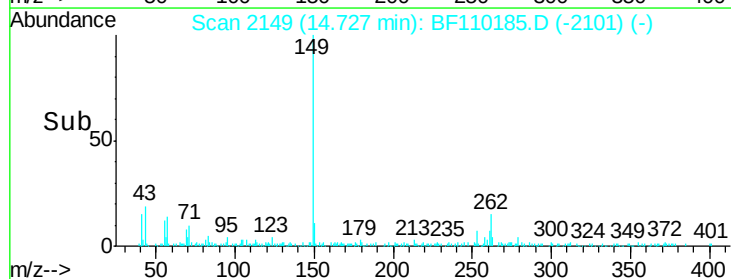
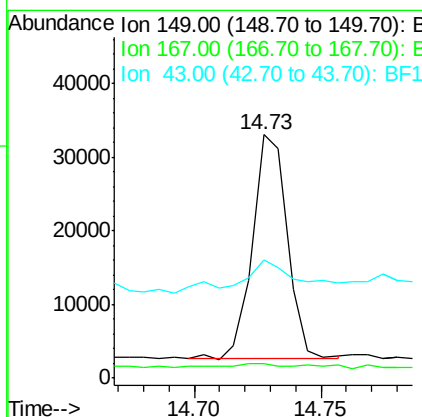
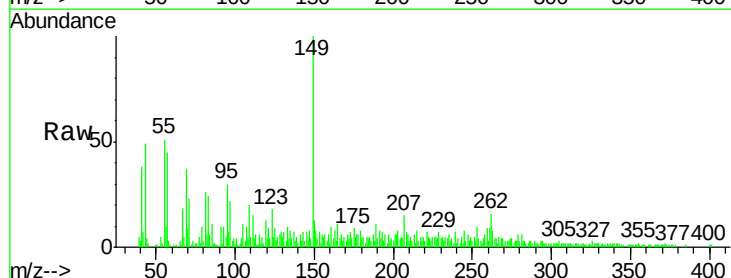
RT: 14.73 min Scan# 2149

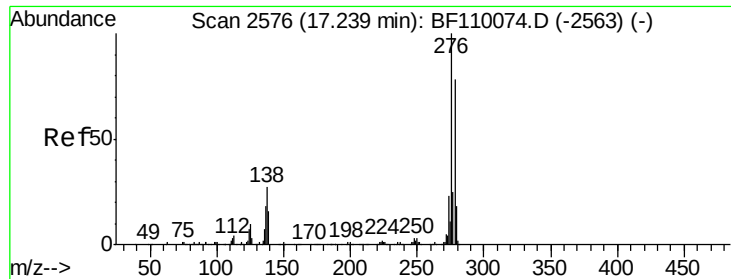
Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	149	Resp:	29297
Ion Ratio	Lower	Upper	
149	100		
167	3.6	1.1	1.7#
43	15.6	7.8	11.8#





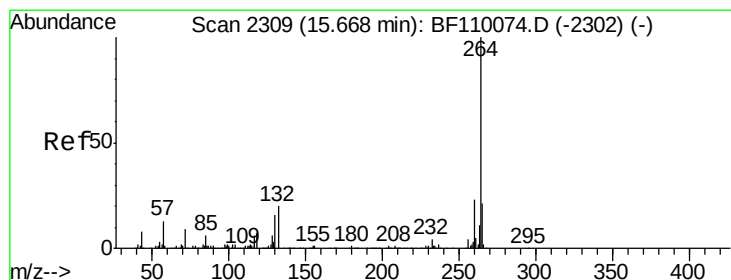
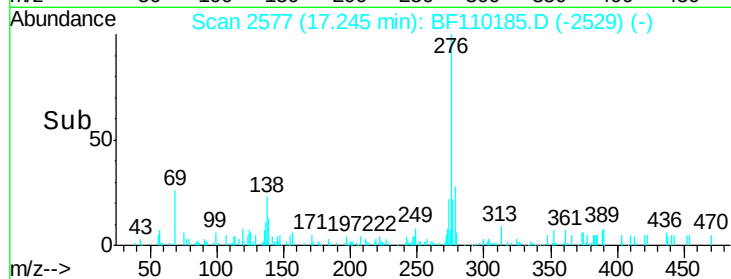
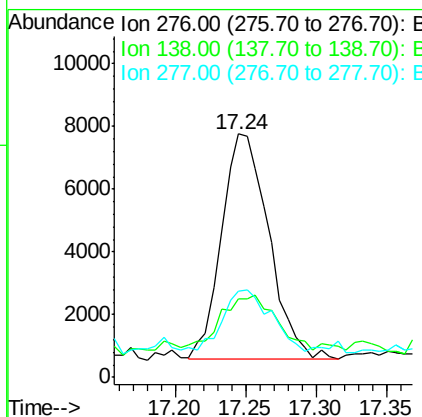
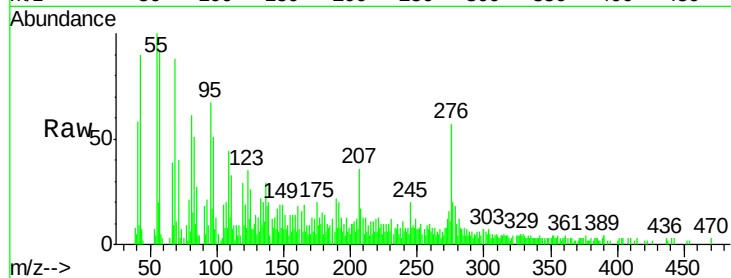
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 1.670 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	18.5	27.7#
277	29.8	20.0	30.0

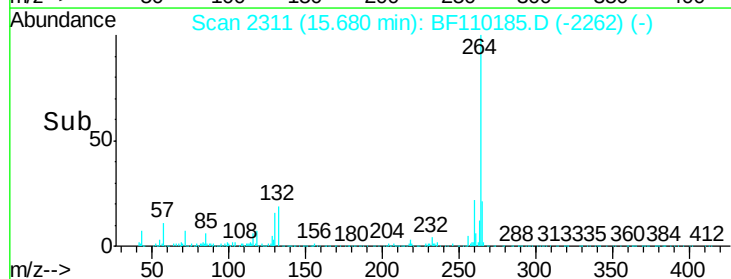
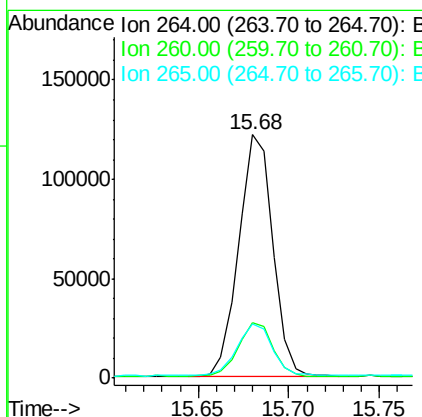
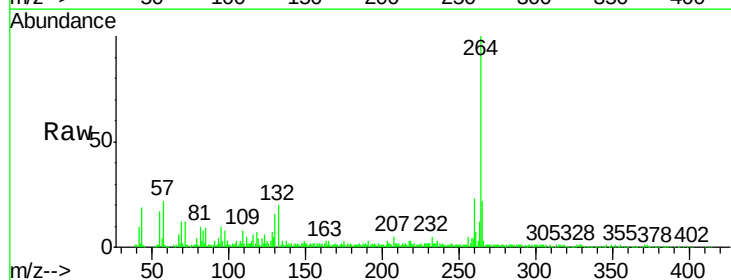
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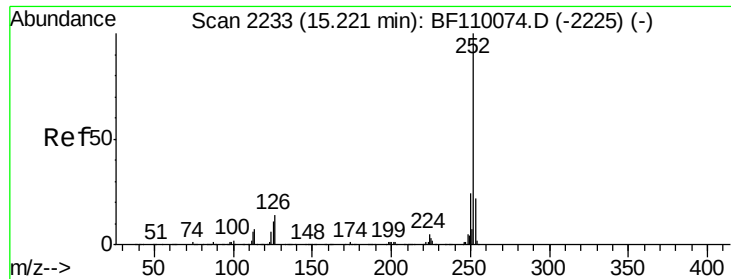
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110185.D
 Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.1	16.7	25.1





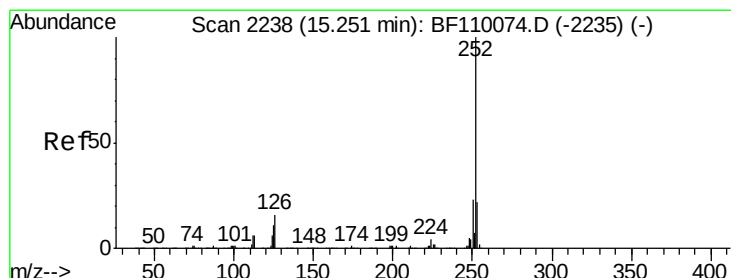
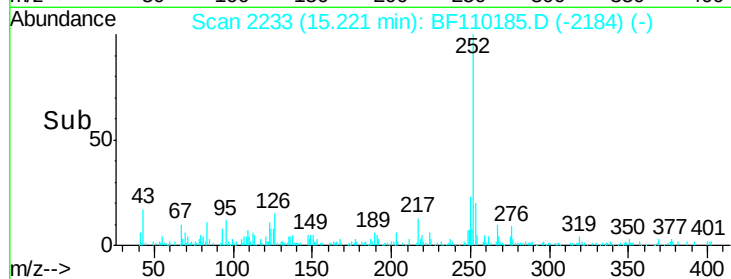
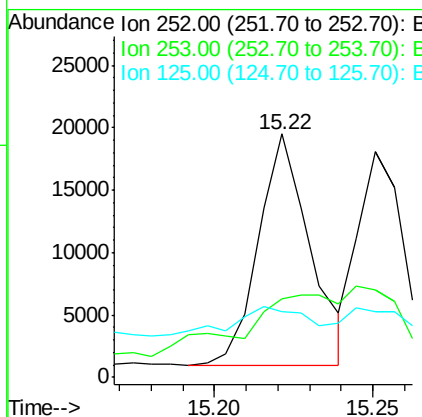
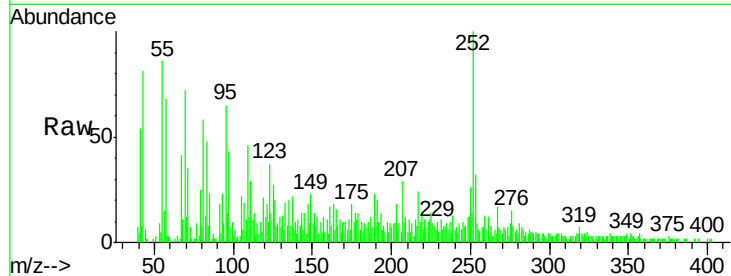
#88
Benzo(b)fluoranthene
Concen: 2.271 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.2	25.8#
125	27.1	8.2	12.4#

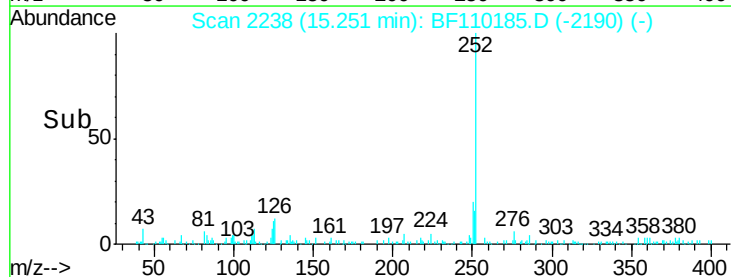
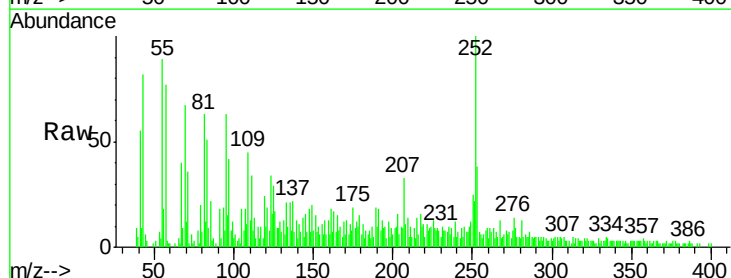
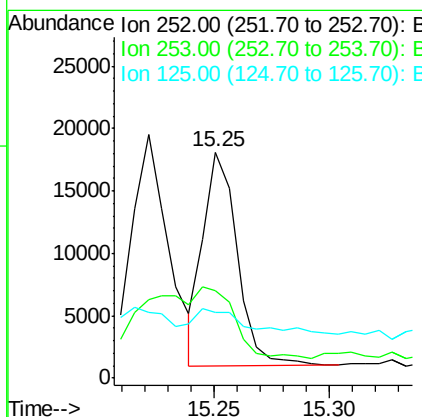
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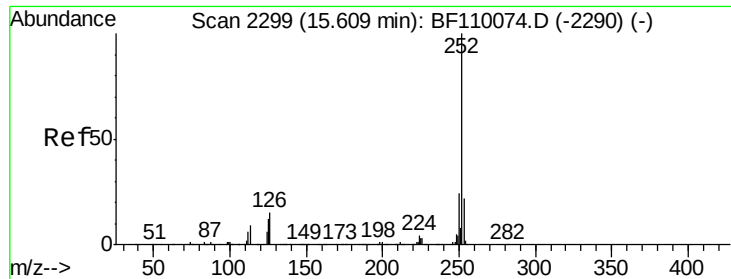
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#89
Benzo(k)fluoranthene
Concen: 1.936 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.5	17.2	25.8#
125	29.3	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 2.094 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Instrument :

BNA_F

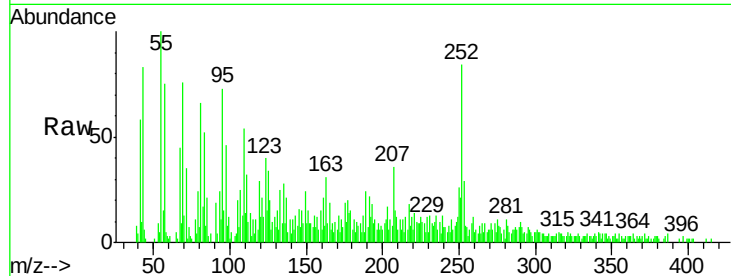
ClientSampleId :

PA-SB-01BMS

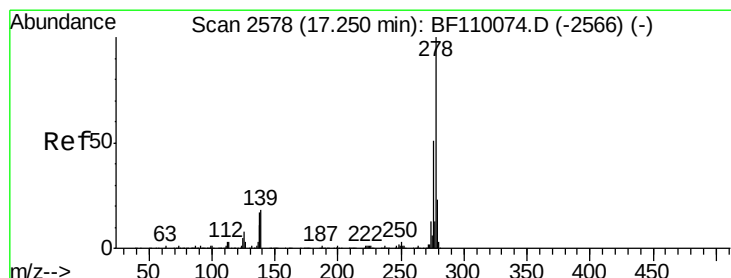
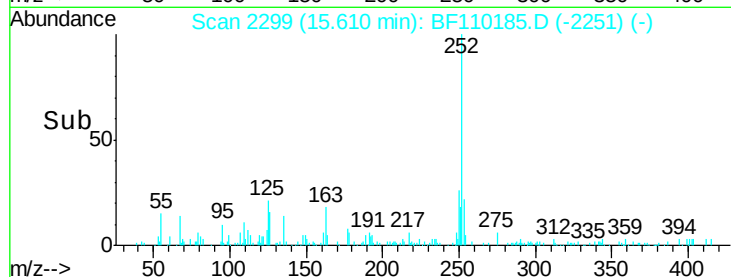
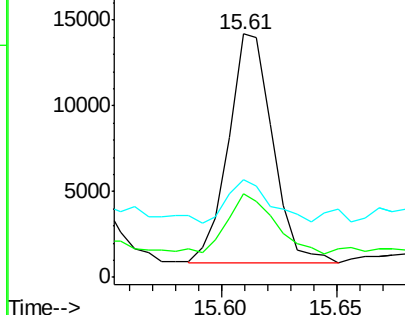
Tgt Ion:	252	Resp:	17856
Ion Ratio	Lower	Upper	
252	100		
253	34.3	18.2	27.4#
125	40.2	9.0	13.6#

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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



#91

Dibenzo(a,h)anthracene

Concen: 1.819 ng

RT: 17.26 min Scan# 2580

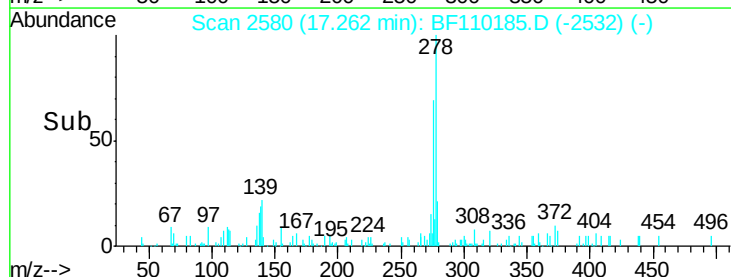
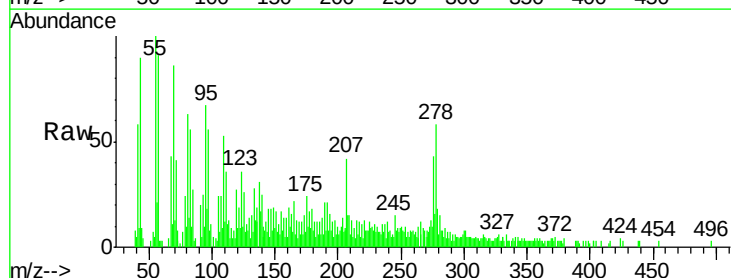
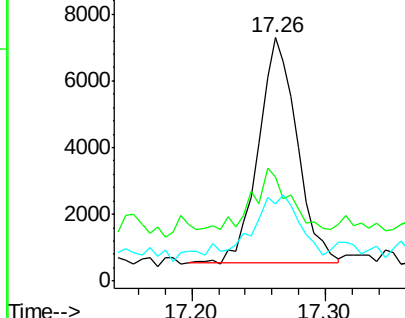
Delta R.T. -0.02 min

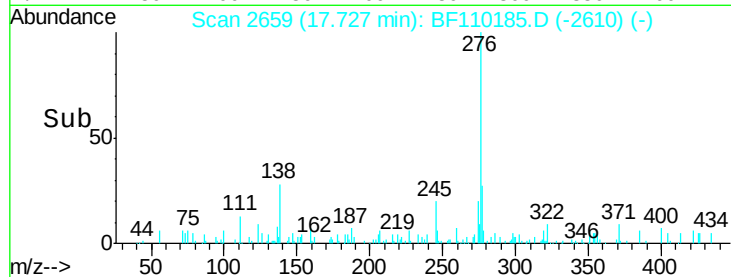
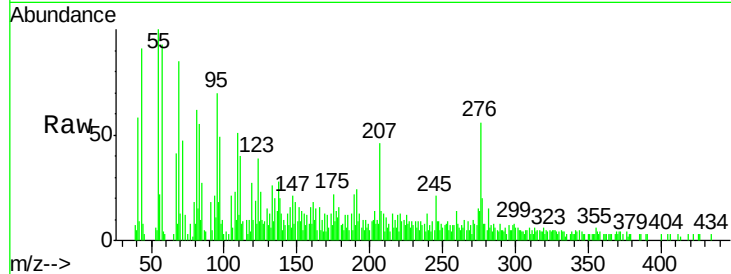
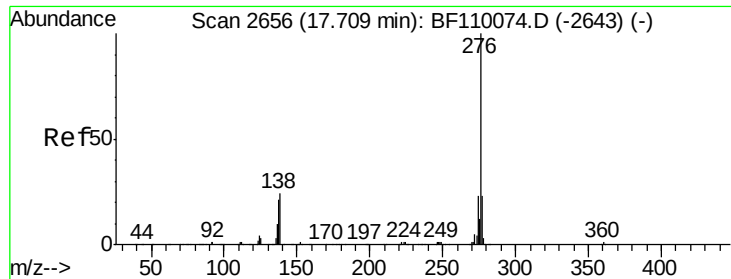
Lab File: BF110185.D

Acq: 26 Oct 2018 2:35

Tgt Ion:	278	Resp:	13387
Ion Ratio	Lower	Upper	
278	100		
139	42.9	12.7	19.1#
279	31.5	19.0	28.4#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92
Benzo(g,h,i)perylene
Concen: 1.887 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110185.D
Acq: 26 Oct 2018 2:35

Instrument :
BNA_F
ClientSampleId :
PA-SB-01BMS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	35.8	18.8	28.2#
138	35.8	16.0	24.0#

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