Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108032.D
Acq On : 8 Aug 2018 21:03
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 09 06:41:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	268674	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1078819	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	583705	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1217753	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1091014	20.00	ng		-0.01
86) Perylene-d12	15.77	264	928216	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1887941	127.22	ng		0.00
7) Phenol-d6	6.63	99	2544997	129.05	ng		0.00
23) Nitrobenzene-d5	7.58	82	1682685	87.04	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	808745	138.90	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	3024600	83.19	ng		0.00
78) Terphenyl-d14	13.15	244	3696269	86.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	6930	0.909	ng	#	71
3) Pyridine	3.77	79	17041	0.868	ng	#	23
4) n-Nitrosodimethylamine	3.64	42	9899	0.896	ng	#	63
6) Aniline	6.68	93	16353	0.610	ng		95
8) 2-Chlorophenol	6.80	128	18010	1.078	ng		89
9) Benzaldehyde	6.57	77	15040	0.984	ng		95
10) Phenol	6.64	94	20754	1.017	ng	#	31
11) bis(2-Chloroethyl)ether	6.74	93	17305	1.049	ng		92
12) 1,3-Dichlorobenzene	6.95	146	21014	1.087	ng		98
13) 1,4-Dichlorobenzene	7.03	146	21357	1.100	ng		96
14) 1,2-Dichlorobenzene	7.18	146	19172	1.062	ng		94
15) Benzyl Alcohol	7.14	79	7568	0.456	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	35962	1.059	ng		95
17) 2-Methylphenol	7.24	107	15186	1.059	ng		97
18) Hexachloroethane	7.52	117	6797	0.983	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	14055	1.054	ng	#	89
20) 3+4-Methylphenols	7.40	107	18655	1.016	ng		90
22) Acetophenone	7.41	105	27386	1.086	ng	#	90
24) Nitrobenzene	7.59	77	25548	1.307	ng		94
25) Isophorone	7.58	82	1681724	45.637	ng	#	64
26) 2-Nitrophenol	7.91	139	5269	0.714	ng	#	93
27) 2,4-Dimethylphenol	7.93	122	16840	1.030	ng		93
28) bis(2-Chloroethoxy)methane	8.03	93	22536	1.048	ng		98
29) 2,4-Dichlorophenol	8.14	162	12649	0.840	ng		95
30) 1,2,4-Trichlorobenzene	8.23	180	18091	1.090	ng		98
31) Naphthalene	8.32	128	57364	1.169	ng		99
32) Benzoic acid	7.93	122	16840	7.528	ng	#	15
33) 4-Chloroaniline	8.36	127	13829	0.647	ng	#	94
34) Hexachlorobutadiene	8.43	225	11275	1.073	ng		95
35) Caprolactam	8.67	113	3779	0.801	ng	#	53
36) 4-Chloro-3-methylphenol	8.82	107	14596	0.899	ng		95
37) 2-Methylnaphthalene	9.01	142	38687	1.115	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	19662	1.097	ng		98
40) Hexachlorocyclopentadiene	9.16	237	9698	0.838	ng		98

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Data File : BF108032.D
Acq On : 8 Aug 2018 21:03
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 09 06:41:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	8191	0.736	ng		96
43) 2,4,5-Trichlorophenol	9.31	196	10945	0.894	ng	#	91
45) 1,1'-Biphenyl	9.47	154	53429	1.241	ng		97
46) 2-Chloronaphthalene	9.50	162	38179	1.122	ng		94
47) 2-Nitroaniline	9.59	65	9021	0.820	ng		88
48) Acenaphthylene	9.92	152	60438	1.124	ng		98
49) Dimethylphthalate	9.76	163	44348	1.091	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	6883	0.809	ng		99
51) Acenaphthene	10.09	154	36189	1.099	ng		99
52) 3-Nitroaniline	10.00	138	6830	0.734	ng	#	78
53) 2,4-Dinitrophenol	10.10	184	598	7.192	ng	#	1
54) Dibenzofuran	10.26	168	54175	1.135	ng		97
55) 4-Nitrophenol	10.14	139	3855	0.547	ng	#	82
56) 2,4-Dinitrotoluene	10.23	165	7657	0.699	ng	#	85
57) Fluorene	10.61	166	44512	1.178	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	7418	0.725	ng	#	87
59) Diethylphthalate	10.47	149	42841	1.088	ng		98
60) 4-Chlorophenyl-phenylether	10.60	204	24081	1.223	ng	#	87
61) 4-Nitroaniline	10.61	138	6669	0.725	ng	#	73
62) Azobenzene	10.76	77	43514	1.070	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	1667	5.683	ng	#	62
65) n-Nitrosodiphenylamine	10.71	169	36261	1.008	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	13951	1.054	ng		92
67) Hexachlorobenzene	11.15	284	15083	1.083	ng	#	89
68) Atrazine	11.23	200	11492	0.952	ng		93
69) Pentachlorophenol	11.35	266	2954	0.443	ng		94
70) Phenanthrene	11.58	178	69932	1.218	ng		97
71) Anthracene	11.63	178	68494	1.164	ng		96
72) Carbazole	11.78	167	55426	1.060	ng		98
73) Di-n-butylphthalate	12.10	149	60923	1.028	ng		98
74) Fluoranthene	12.77	202	71142	1.135	ng		95
76) Benzidine	12.89	184	8134	0.200	ng		95
77) Pyrene	13.00	202	74241	1.075	ng		98
79) Butylbenzylphthalate	13.61	149	19232	0.701	ng	#	95
80) Benzo(a)anthracene	14.19	228	68929	1.101	ng		95
81) 3,3'-Dichlorobenzidine	14.15	252	10770	0.480	ng	#	92
82) Chrysene	14.23	228	63051	1.098	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	30097	0.810	ng		99
84) Di-n-octyl phthalate	14.79	149	38377	0.677	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.37	276	39991	0.804	ng	#	92
87) Benzo(b)fluoranthene	15.29	252	53577	0.966	ng		97
88) Benzo(k)fluoranthene	15.32	252	52914	1.038	ng	#	91
89) Benzo(a)pyrene	15.69	252	45835	0.923	ng	#	93
90) Dibenzo(a,h)anthracene	17.39	278	32299	0.786	ng		97
91) Benzo(g,h,i)perylene	17.85	276	32176	0.795	ng		97

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

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Acq On : 8 Aug 2018 21:03
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1 PPM
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Instrument :
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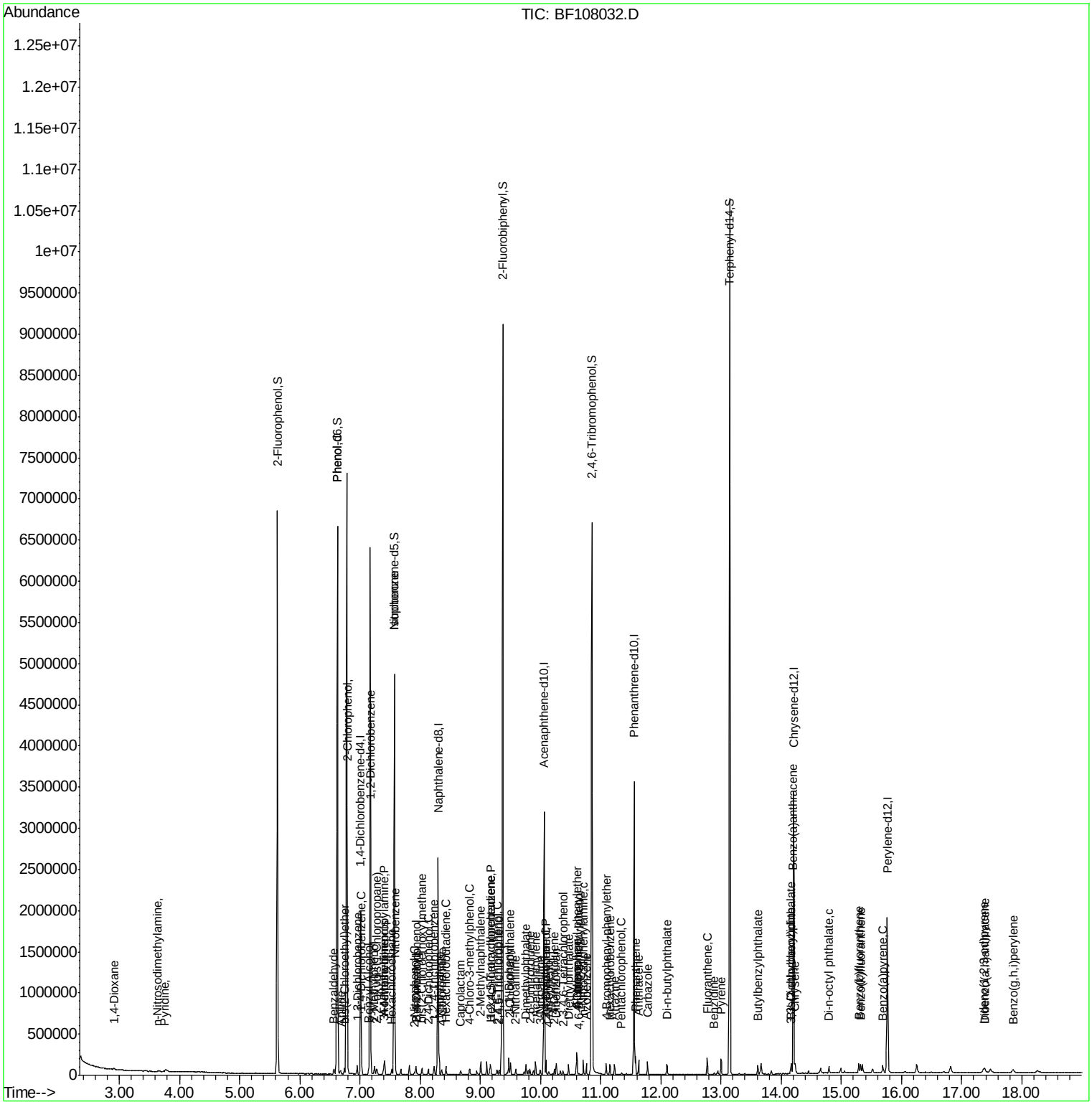
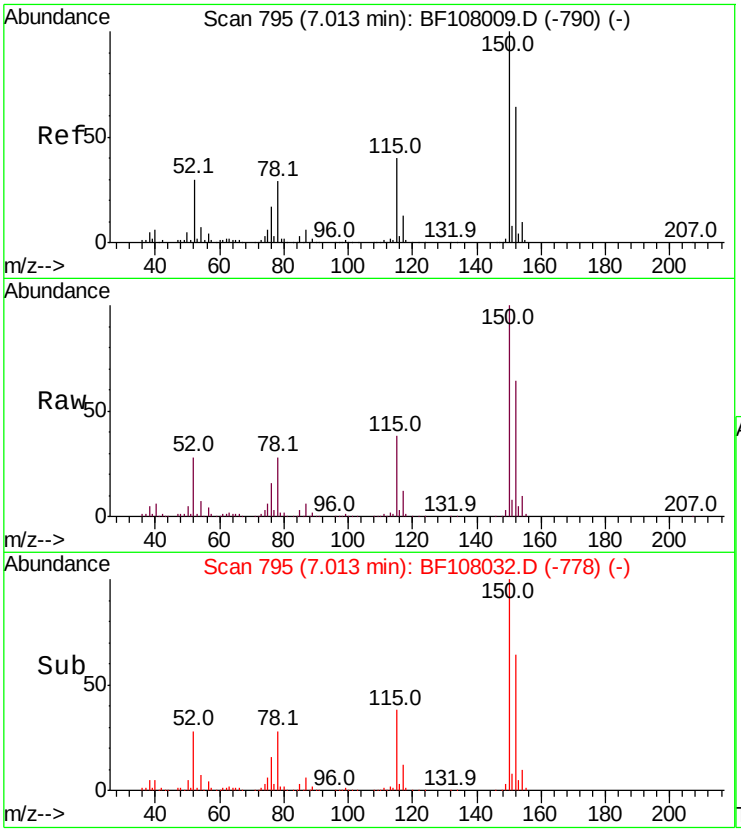
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



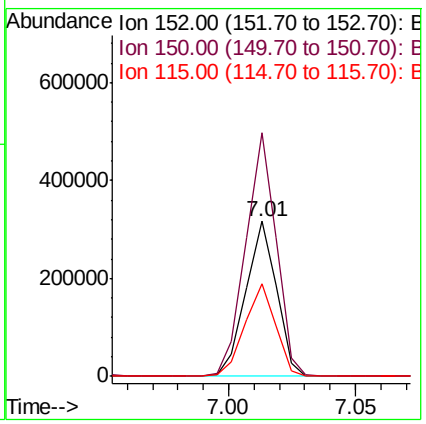


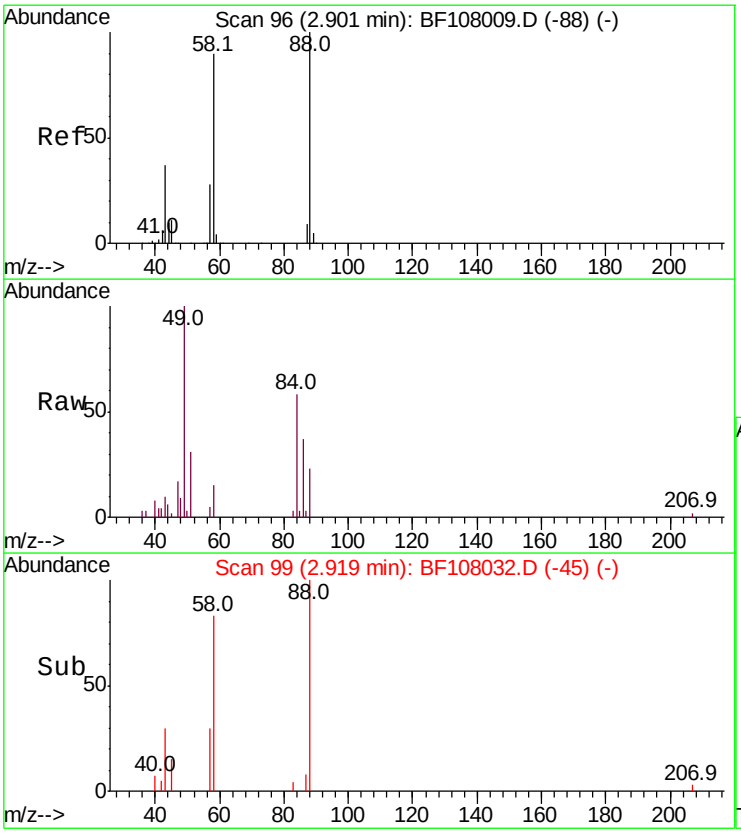
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 268674

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	60.0	50.1	75.1

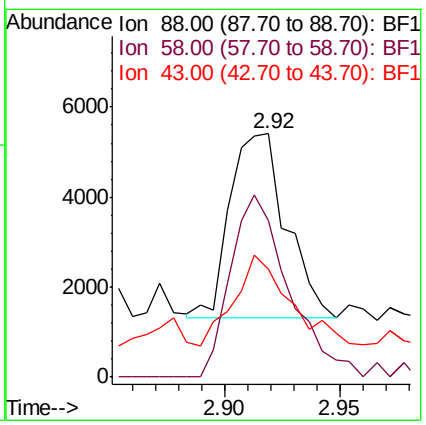


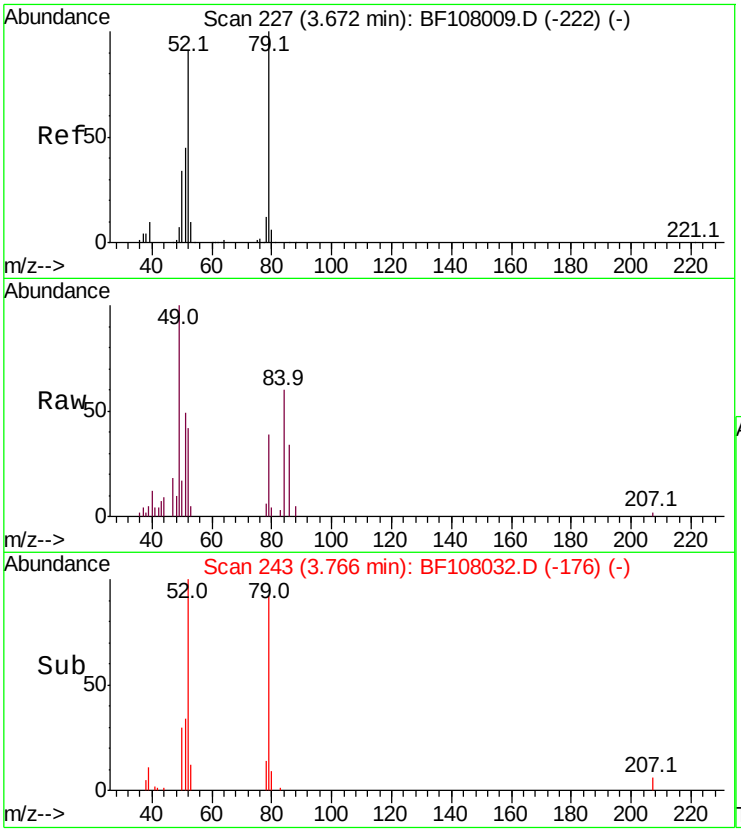


#2
1,4-Dioxane
Concen: 0.909 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 88 Resp: 6930

Ion	Ratio	Lower	Upper
88	100		
58	102.6	62.6	93.8#
43	48.2	24.6	37.0#



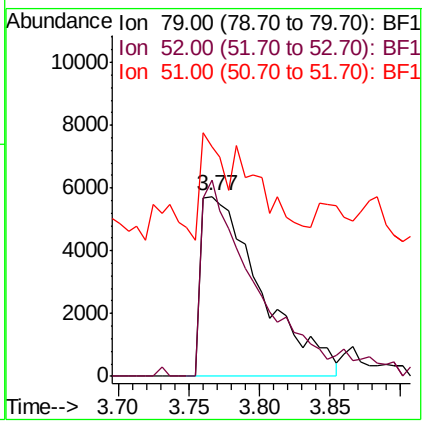


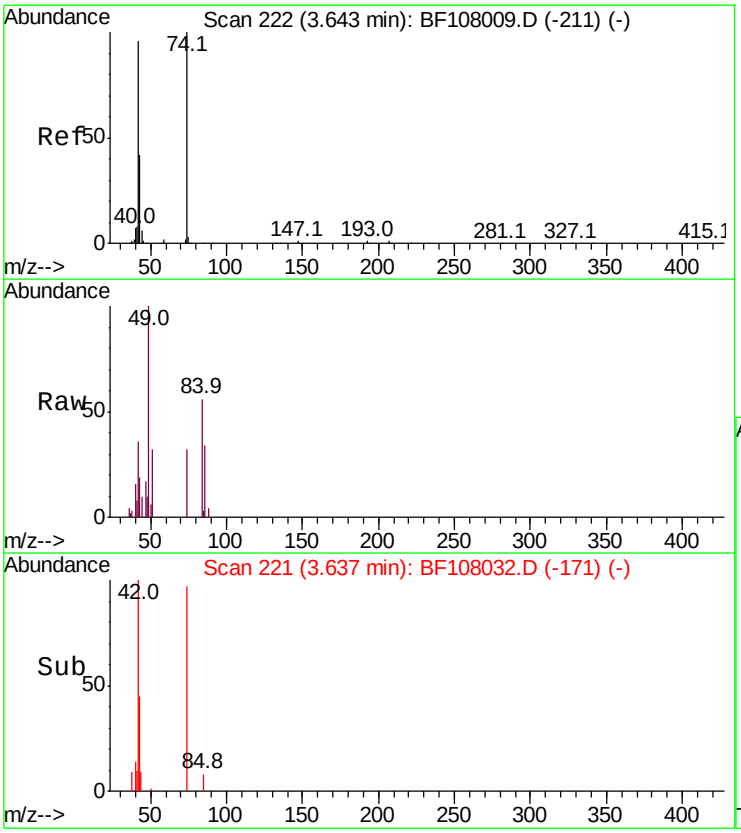
#3
Pyridine
Concen: 0.868 ng
RT: 3.77 min Scan# 243
Delta R.T. 0.09 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 17041

Ion	Ratio	Lower	Upper
79	100		
52	108.9	59.8	89.6#
51	127.6	29.8	44.8#

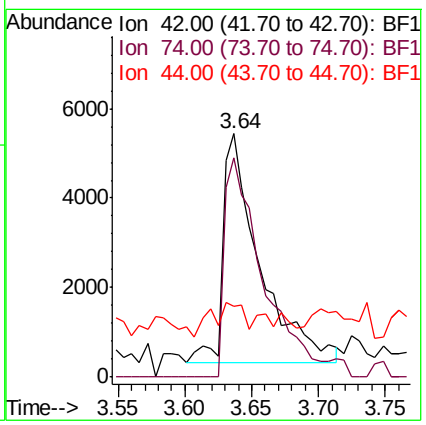


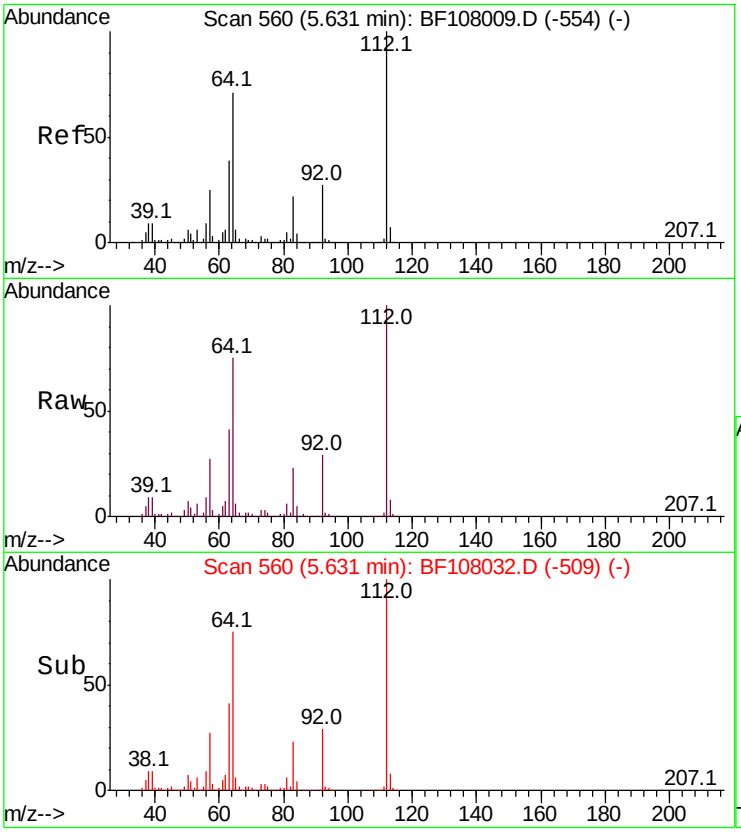


#4
n-Nitrosodimethylamine
Concen: 0.896 ng
RT: 3.64 min Scan# 221
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 42 Resp: 9899

Ion	Ratio	Lower	Upper
42	100		
74	89.9	104.9	157.3#
44	29.1	6.9	10.3#



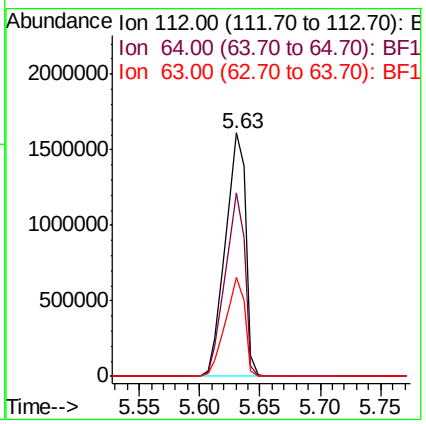


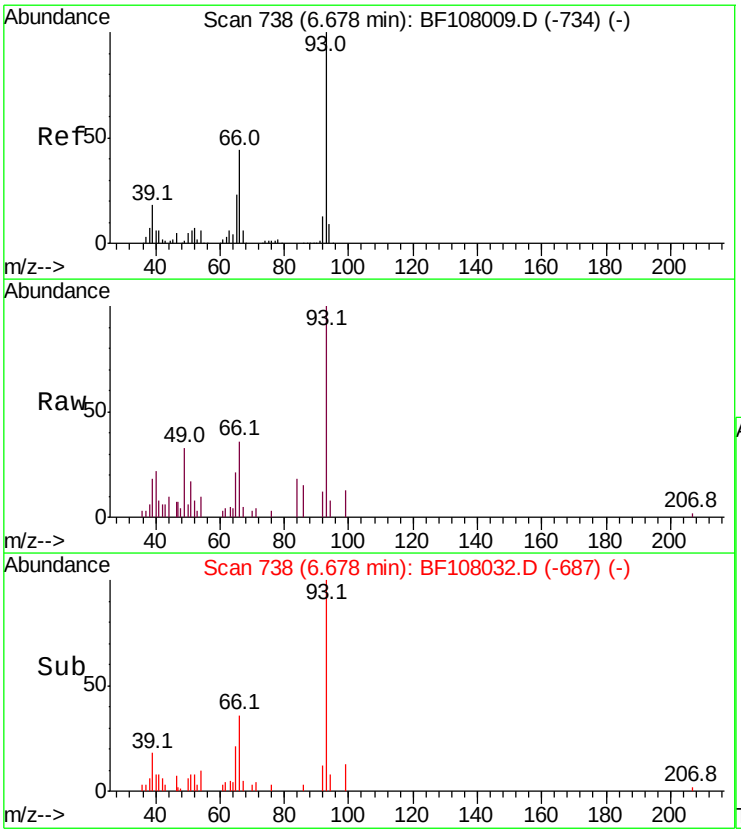
#5
2-Fluorophenol
Concen: 127.219 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1887941

Ion	Ratio	Lower	Upper
112	100		
64	75.1	47.9	71.9#
63	40.9	23.7	35.5#

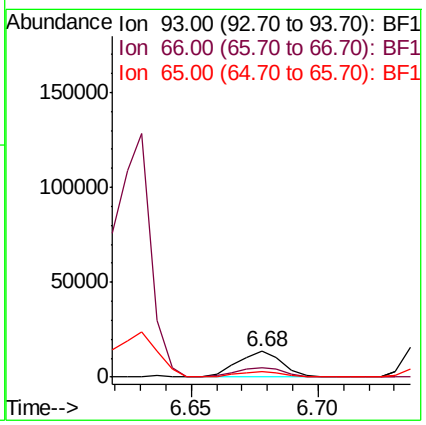


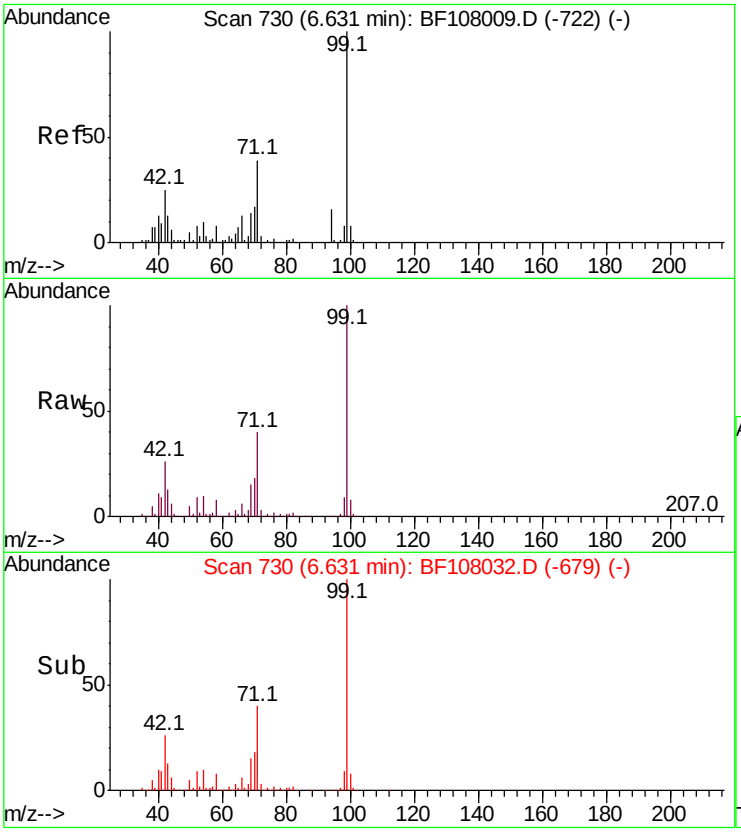


#6
Aniline
Concen: 0.610 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 93 Resp: 16353

Ion	Ratio	Lower	Upper
93	100		
66	36.4	32.2	48.2
65	21.4	16.4	24.6



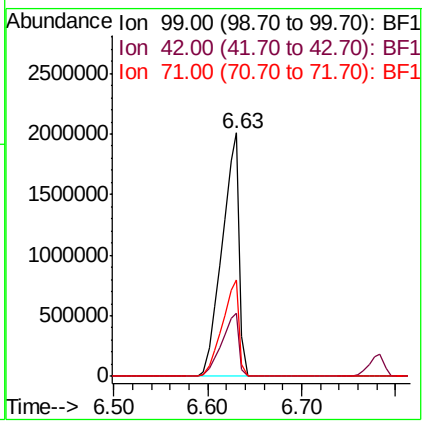


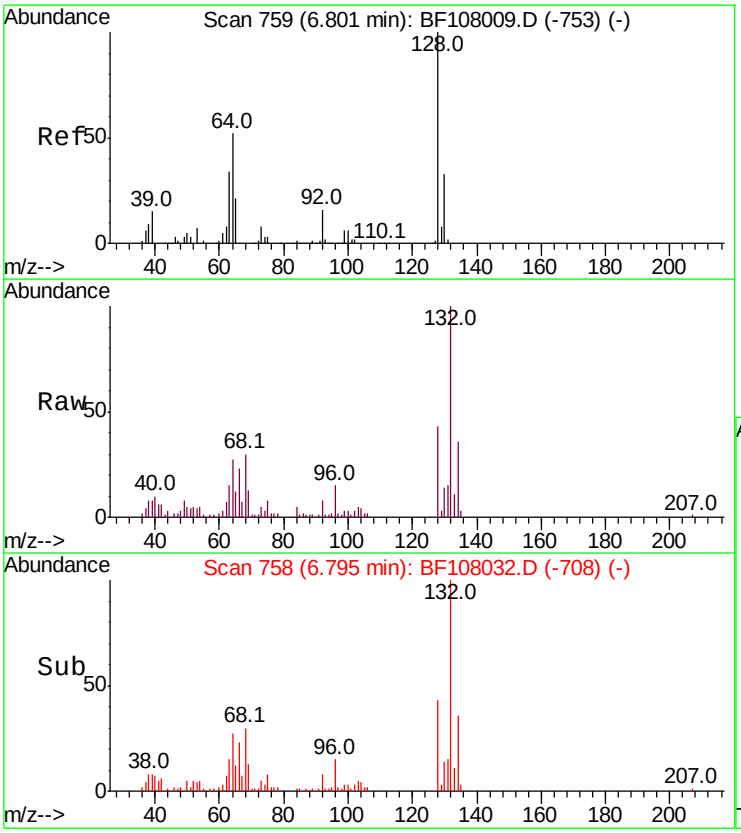
#7
Phenol-d6
Concen: 129.053 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2544997

Ion	Ratio	Lower	Upper
99	100		
42	25.8	14.5	21.7#
71	39.8	25.4	38.0#

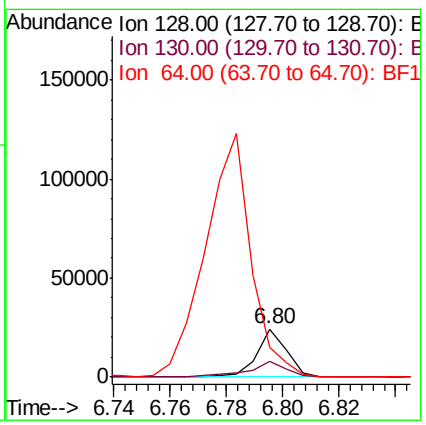


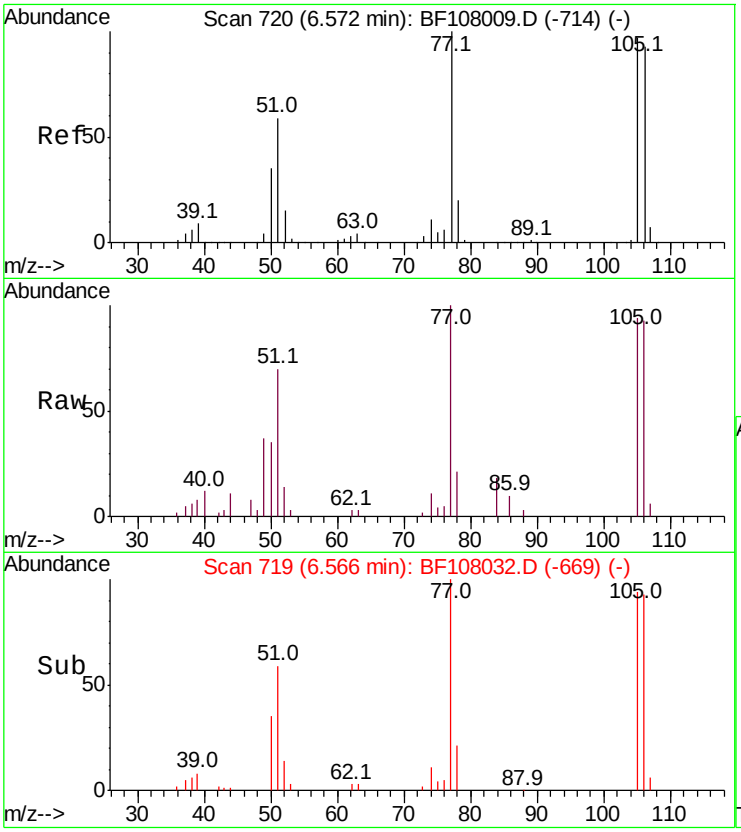


#8
2-Chlorophenol
Concen: 1.078 ng
RT: 6.80 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:128 Resp: 18010

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	62.0	29.4	69.4



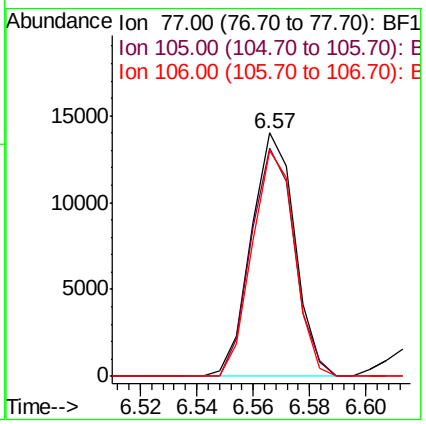


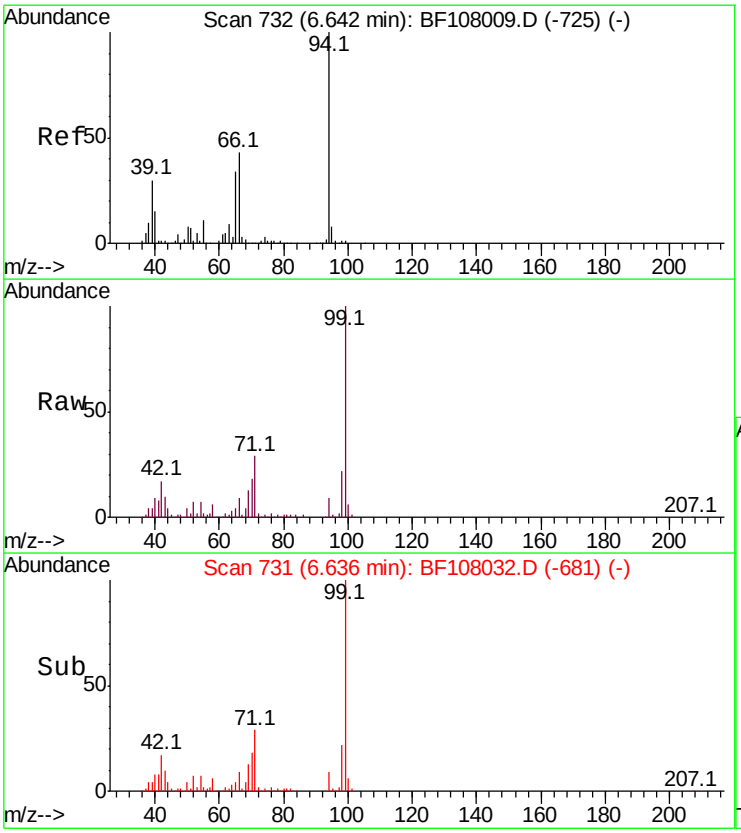
#9
Benzaldehyde
Concen: 0.984 ng
RT: 6.57 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 15040

Ion	Ratio	Lower	Upper
77	100		
105	93.6	81.1	121.1
106	92.6	74.5	114.5

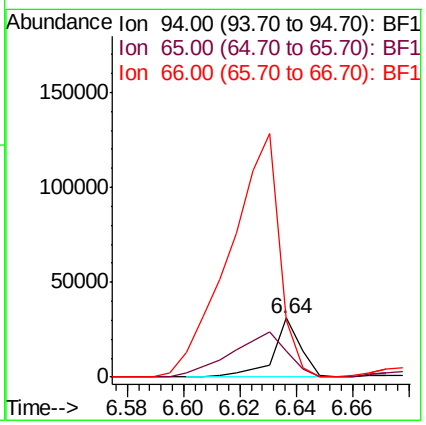


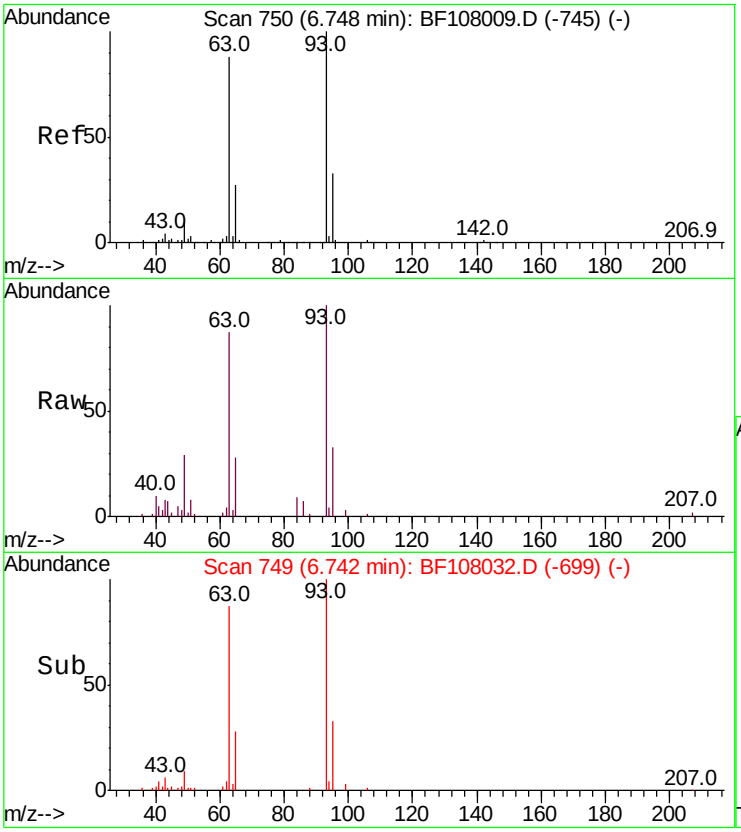


#10
Phenol
Concen: 1.017 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 94 Resp: 20754

Ion	Ratio	Lower	Upper
94	100		
65	43.3	7.9	47.9
66	95.3	16.2	56.2#



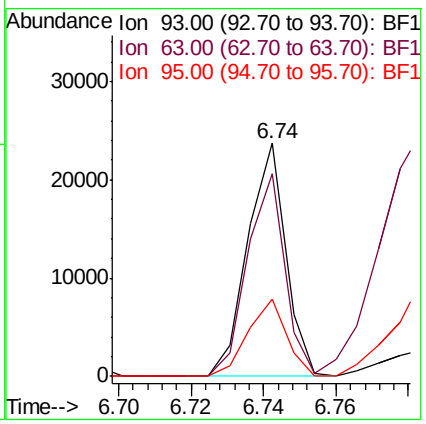


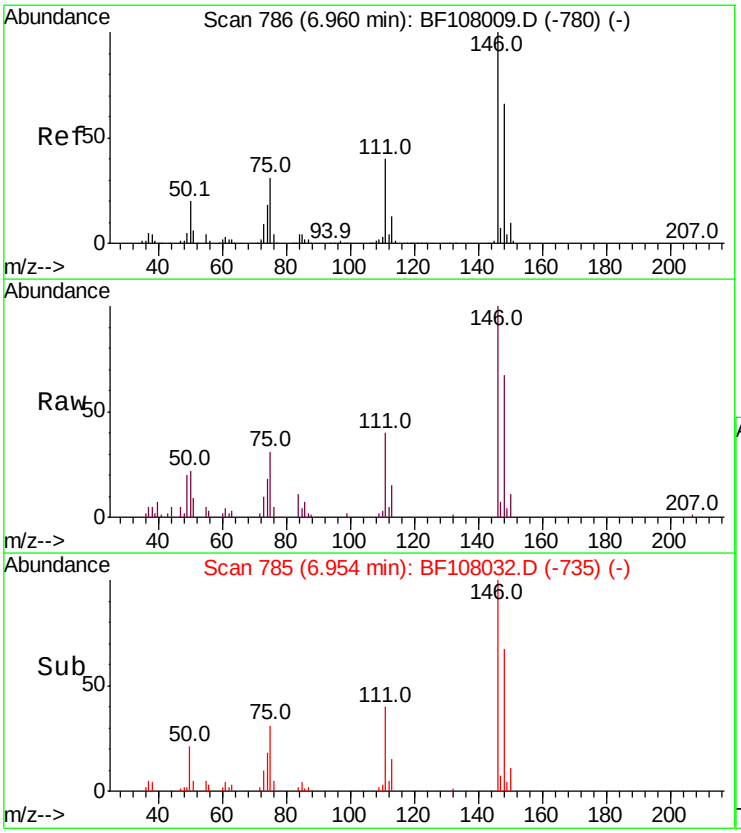
#11
bis(2-Chloroethyl)ether
Concen: 1.049 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 17305

Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	32.9	11.8	51.8

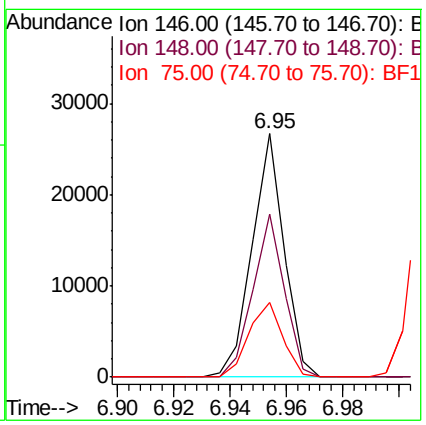


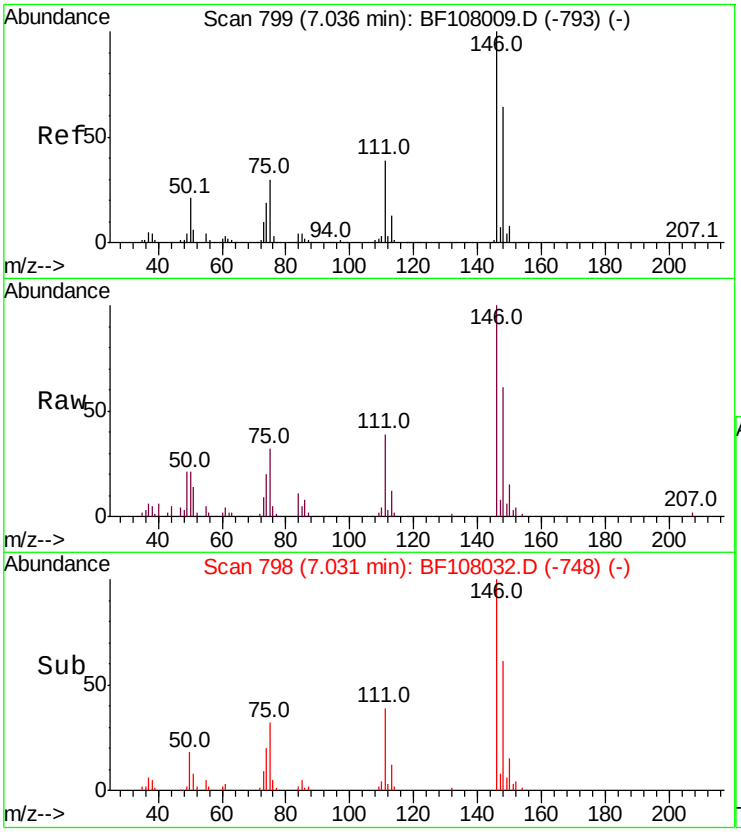


#12
1,3-Dichlorobenzene
Concen: 1.087 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:146 Resp: 21014

Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.8	77.8
75	30.6	24.2	36.4



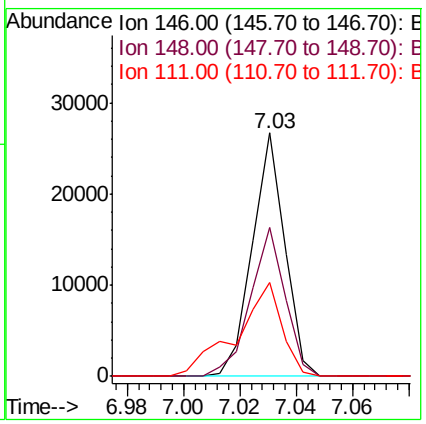


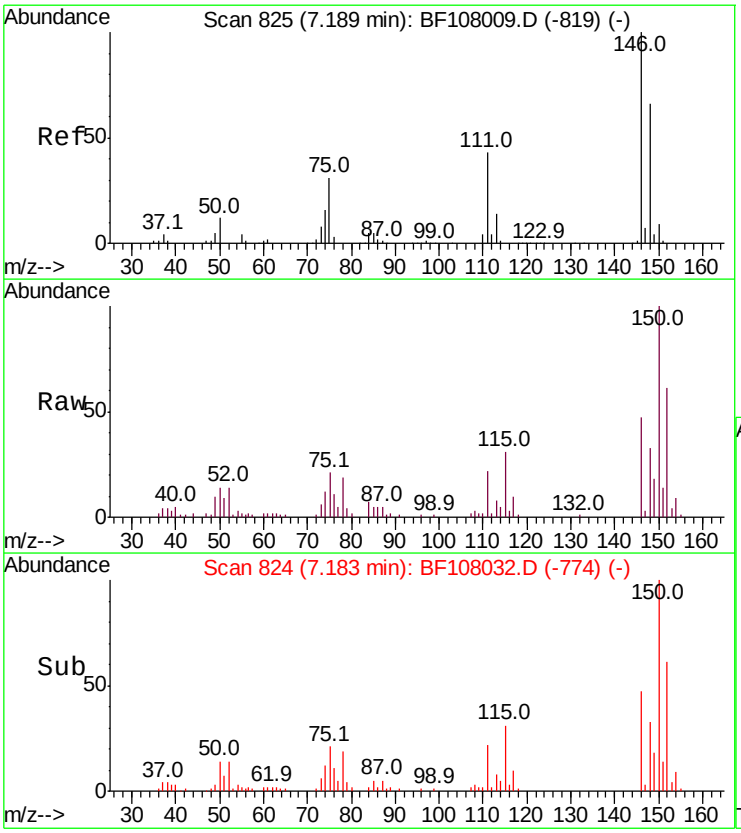
#13
1,4-Dichlorobenzene
Concen: 1.100 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 21357

Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.8	76.2
111	38.7	34.2	51.2

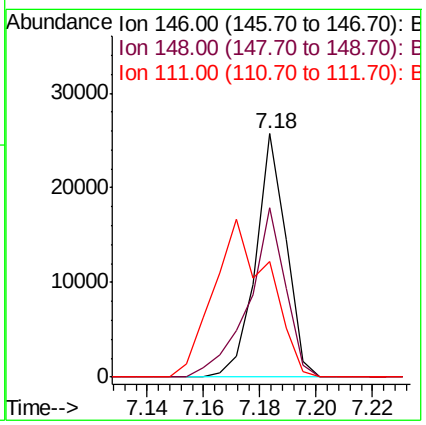


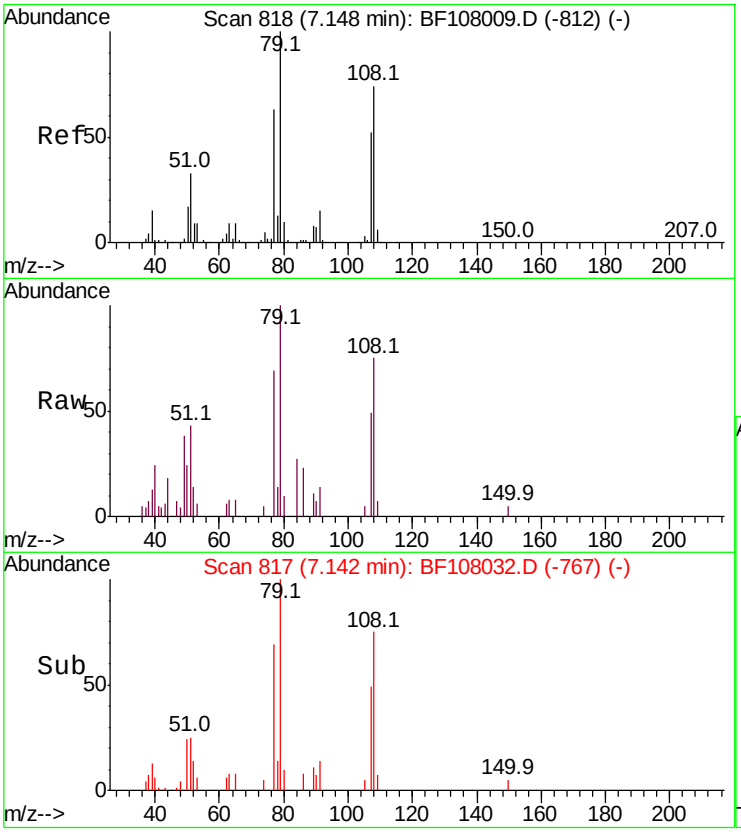


#14
1,2-Dichlorobenzene
Concen: 1.062 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:146 Resp: 19172

Ion	Ratio	Lower	Upper
146	100		
148	69.6	50.6	75.8
111	47.5	36.0	54.0



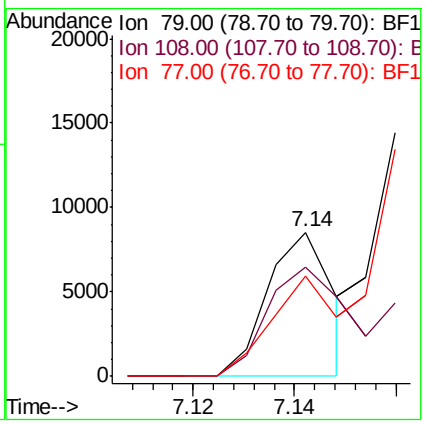


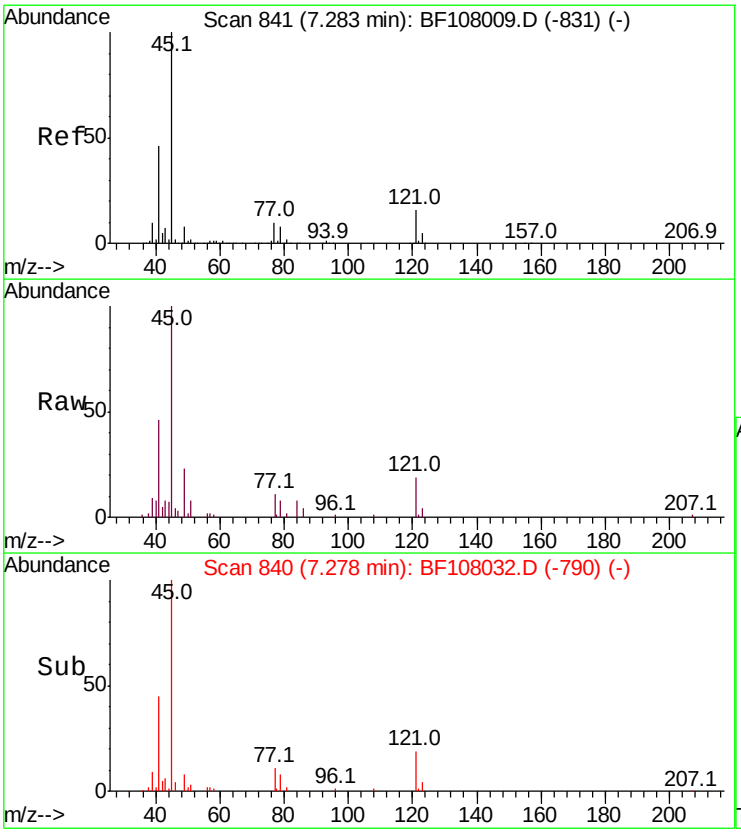
#15
Benzyl Alcohol
Concen: 0.456 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 7568

Ion	Ratio	Lower	Upper
79	100		
108	75.4	65.1	97.7
77	69.3	50.6	75.8

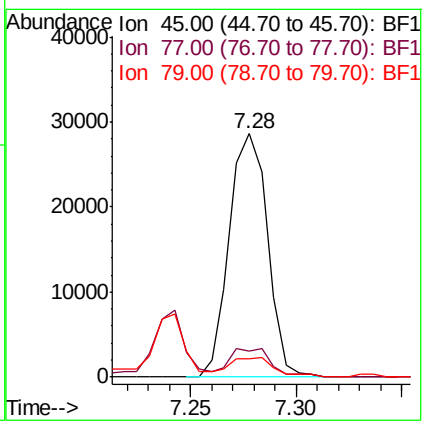


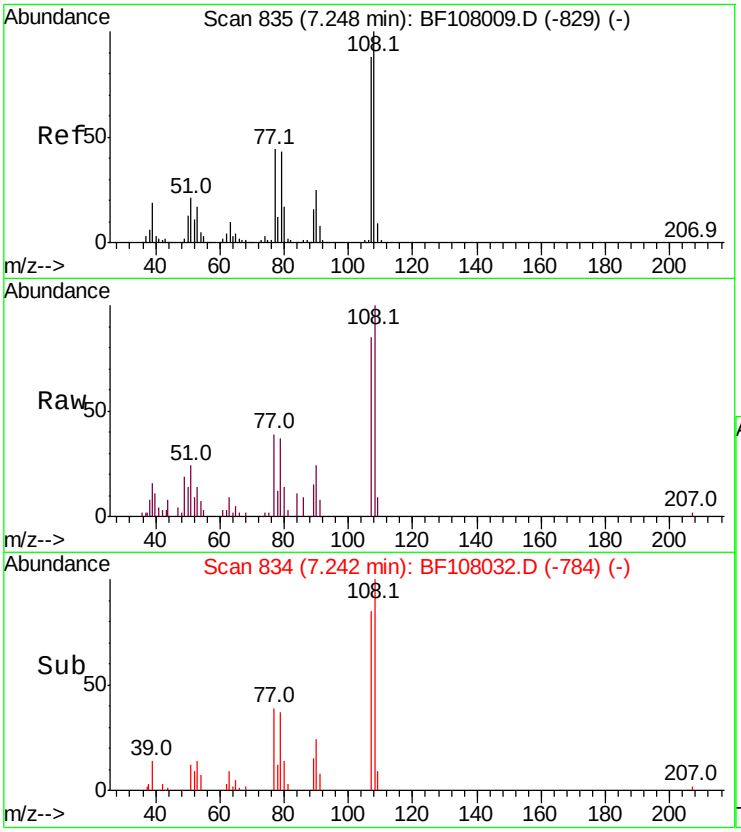


#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.059 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 45 Resp: 35962

Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	32.9
79	7.7	0.0	29.6



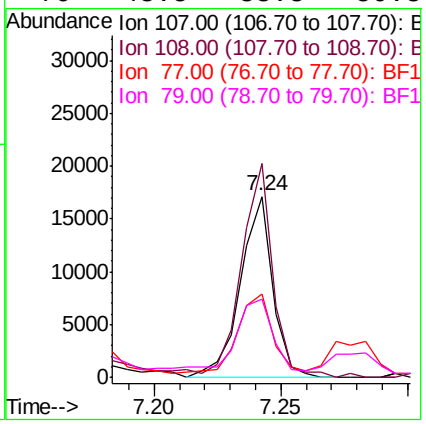


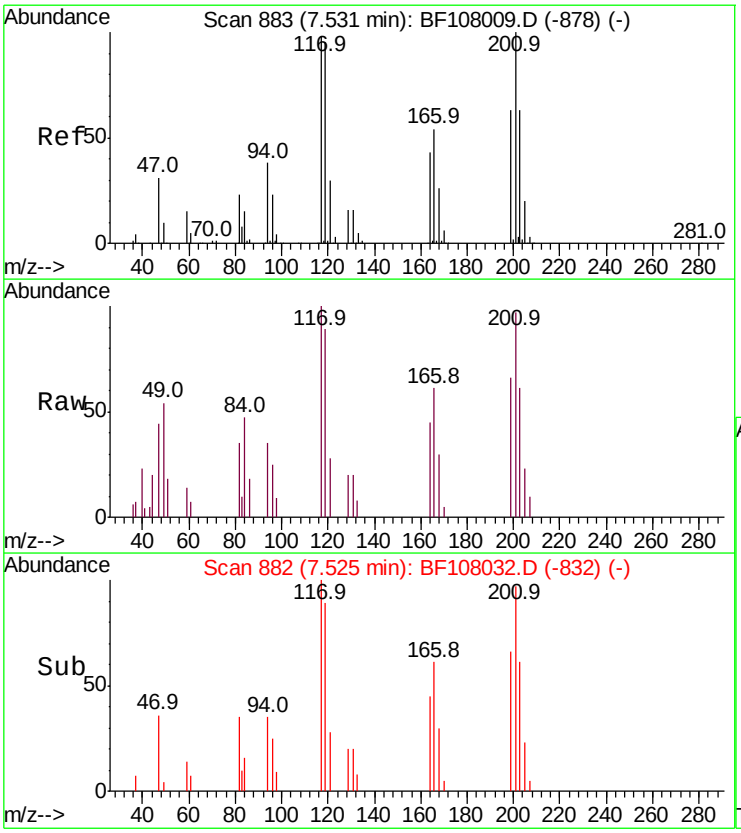
#17
2-Methylphenol
Concen: 1.059 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 15186

Ion	Ratio	Lower	Upper
107	100		
108	118.1	91.7	137.5
77	45.9	33.8	50.8
79	43.5	33.8	50.8

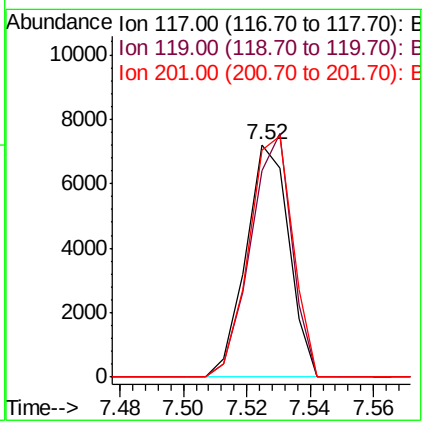


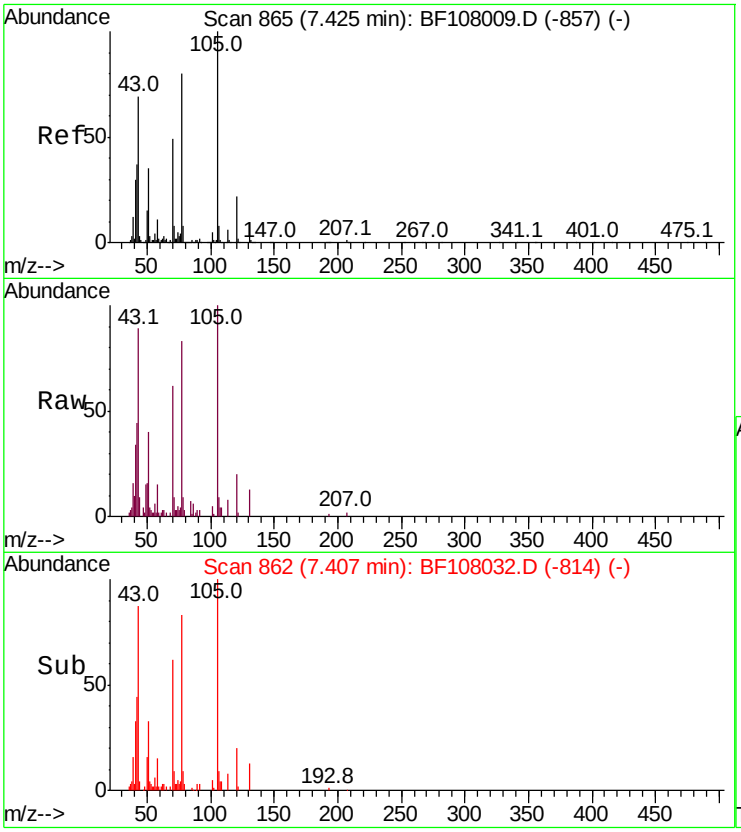


#18
Hexachloroethane
Concen: 0.983 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:117 Resp: 6797

Ion	Ratio	Lower	Upper
117	100		
119	89.0	75.8	113.8
201	97.5	75.7	113.5



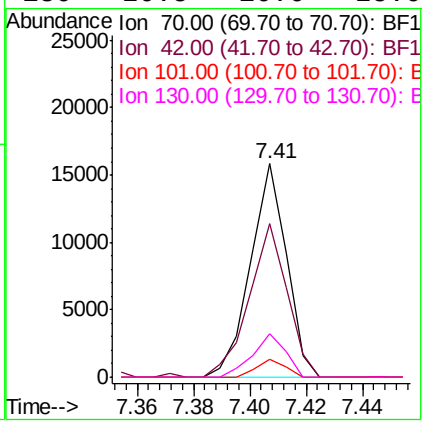


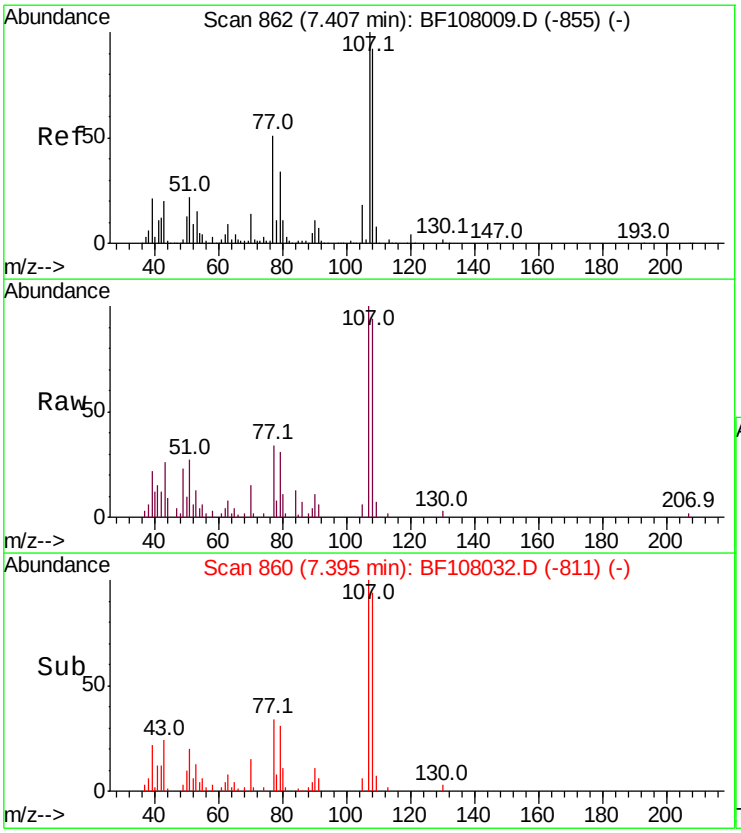
#19
n-Nitroso-di-n-propylamine
Concen: 1.054 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 14055

Ion	Ratio	Lower	Upper
70	100		
42	71.8	47.5	71.3#
101	8.6	7.4	11.2
130	20.5	16.6	25.0

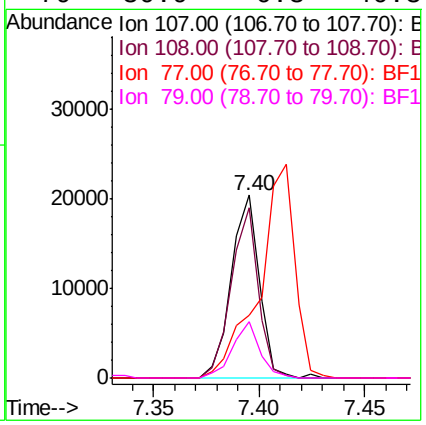


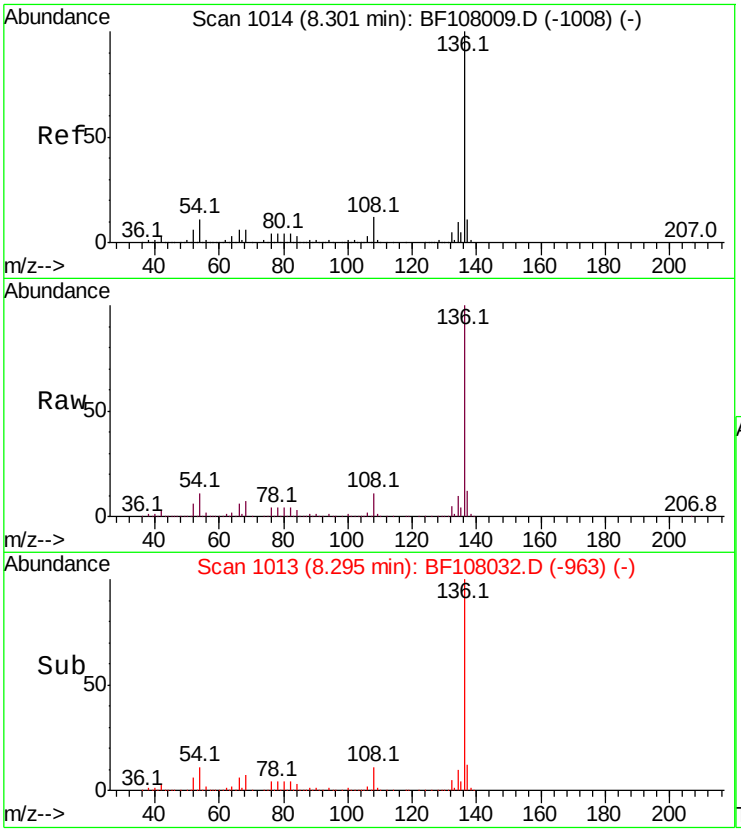


#20
3+4-Methylphenols
Concen: 1.016 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:107 Resp: 18655

Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	34.1	26.7	66.7
79	30.9	6.3	46.3



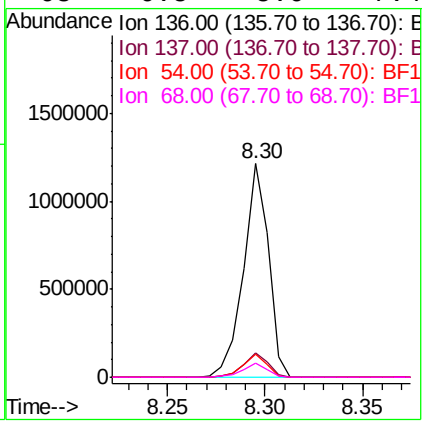


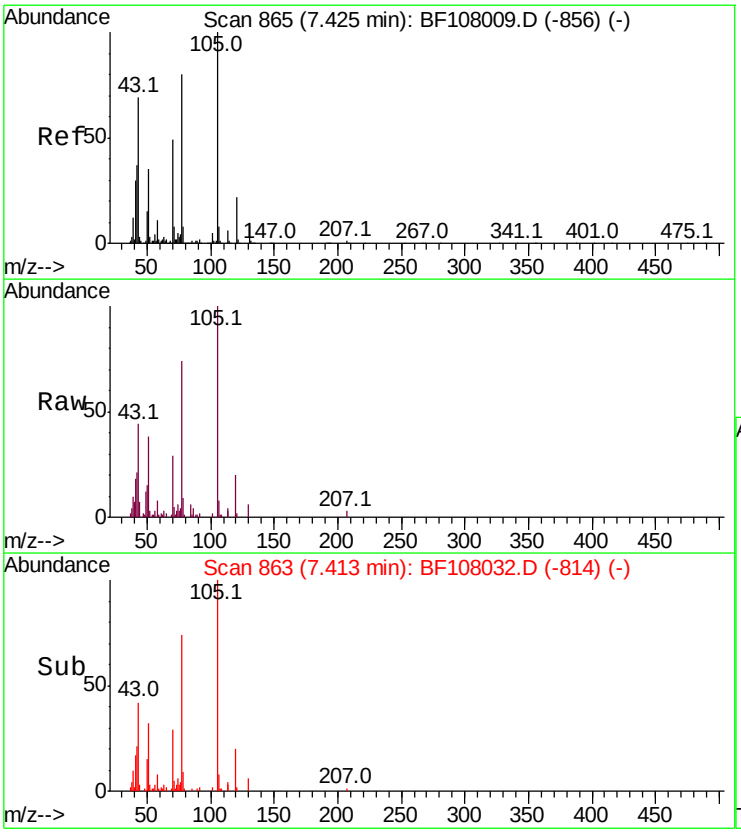
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1078819

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	11.1	6.6	9.8#
68	6.5	5.0	7.4

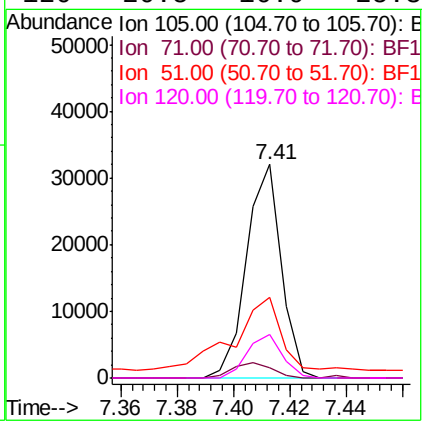


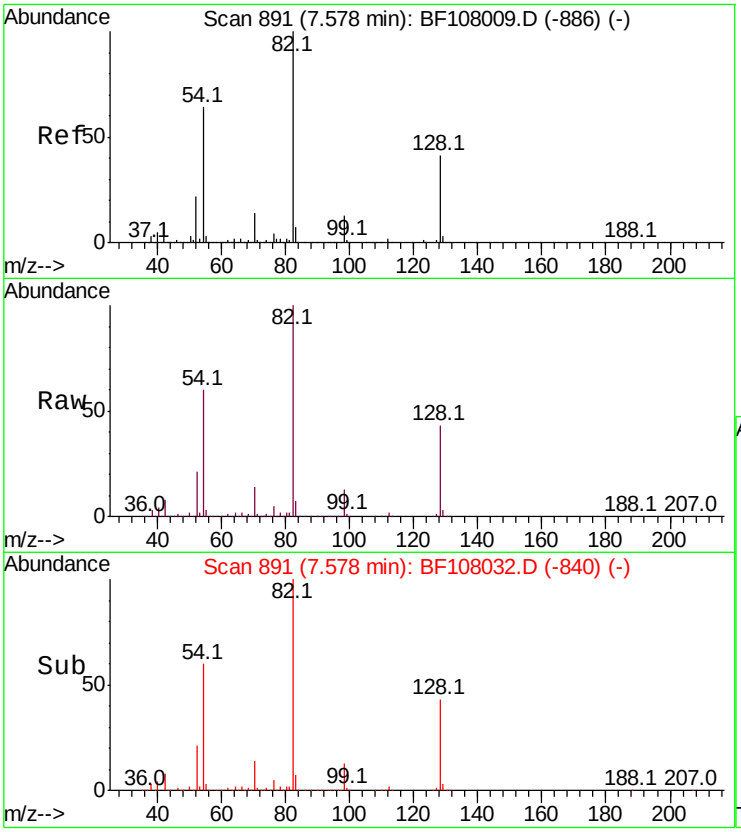


#22
Acetophenone
Concen: 1.086 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:105 Resp: 27386

Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.4	6.6
51	37.5	22.3	33.5#
120	20.5	16.9	25.3



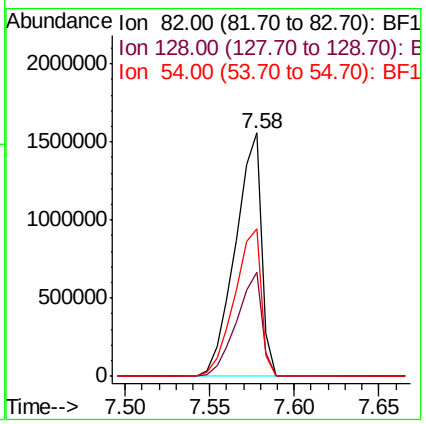


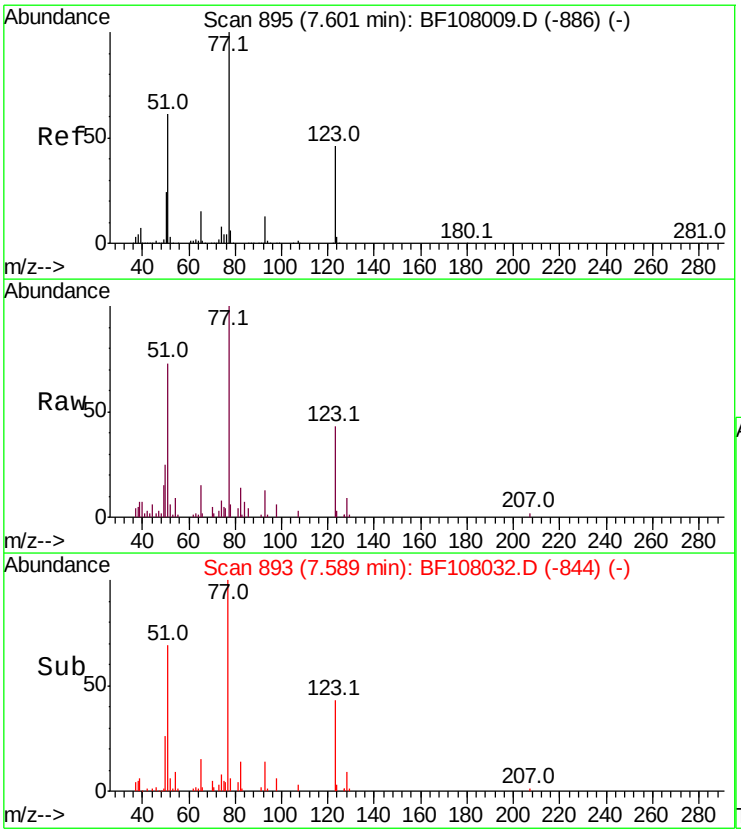
#23
Nitrobenzene-d5
Concen: 87.036 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1682685

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	60.4	41.4	62.2

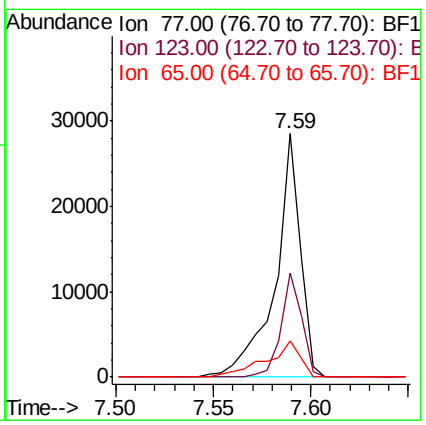


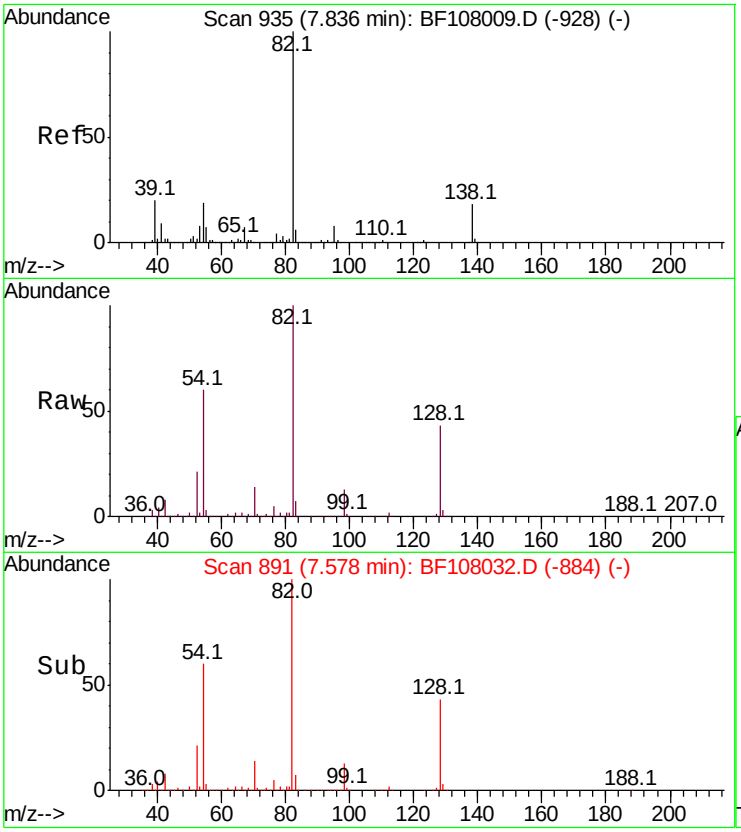


#24
Nitrobenzene
Concen: 1.307 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 77 Resp: 25548

Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.9	56.9
65	15.1	11.0	16.4



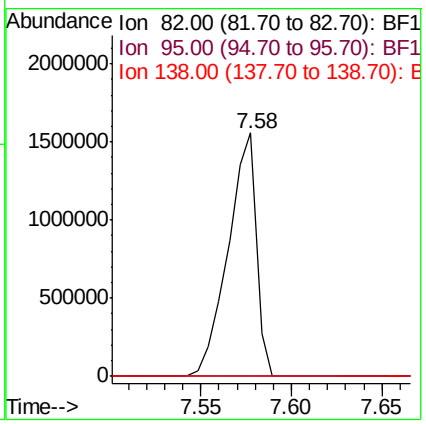


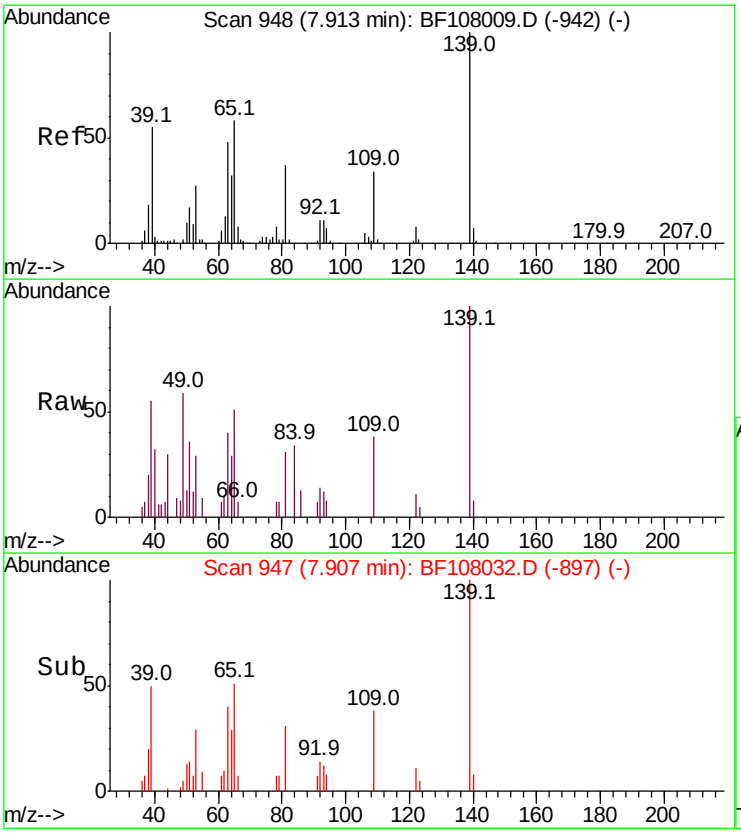
#25
Isophorone
Concen: 45.637 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1681724

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

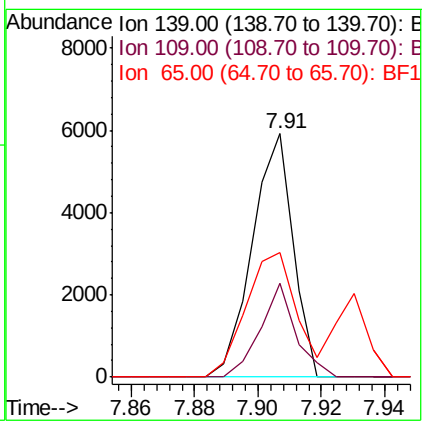


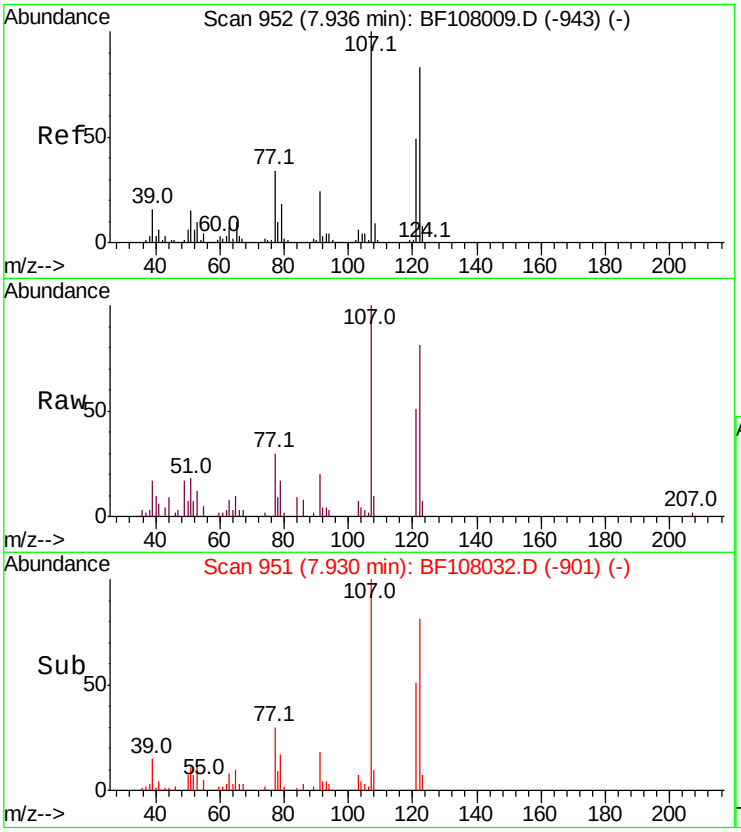


#26
2-Nitrophenol
Concen: 0.714 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:139 Resp: 5269

Ion	Ratio	Lower	Upper
139	100		
109	38.5	22.7	34.1#
65	51.0	40.5	60.7



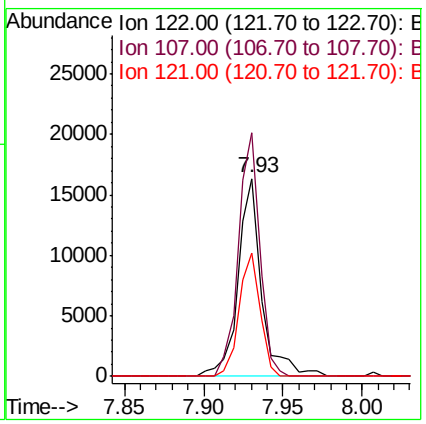


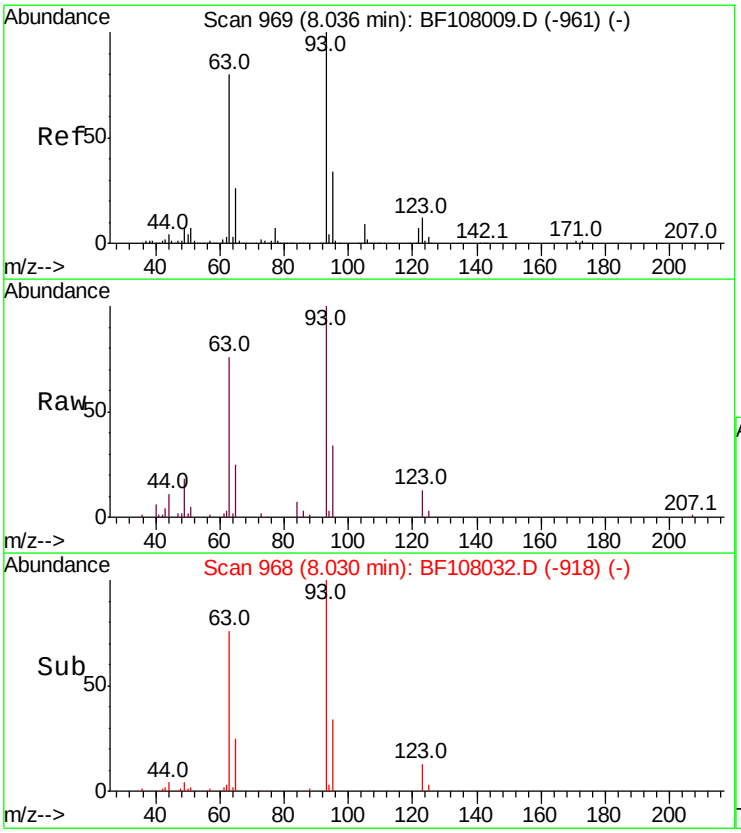
#27
2,4-Dimethylphenol
Concen: 1.030 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 16840

Ion	Ratio	Lower	Upper
122	100		
107	123.3	91.2	136.8
121	62.5	47.2	70.8

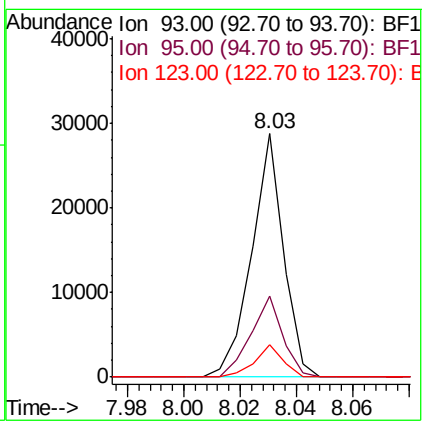


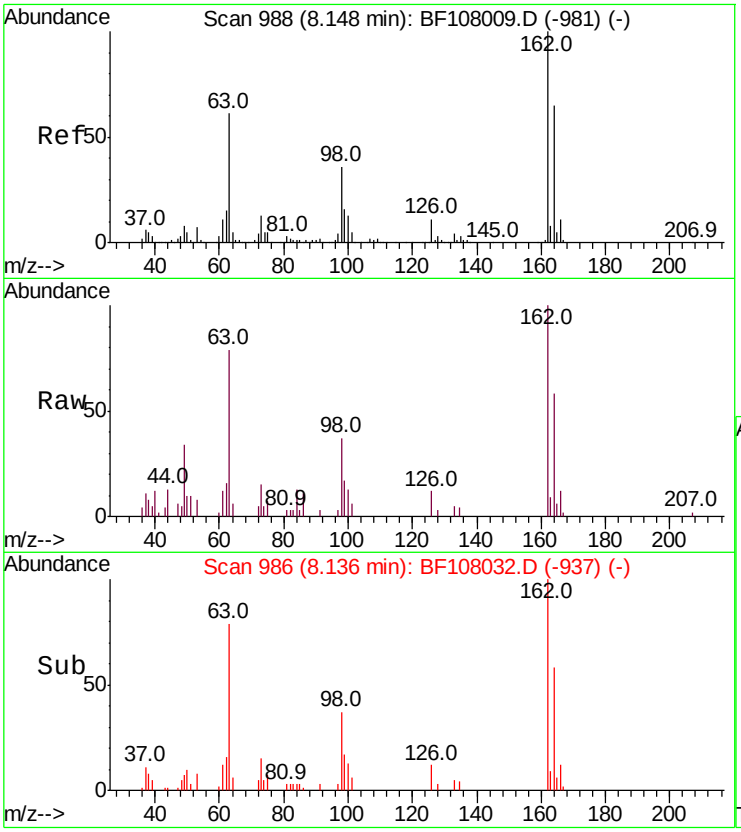


#28
bis(2-Chloroethoxy)methane
Concen: 1.048 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 93 Resp: 22536

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	13.3	9.8	14.6



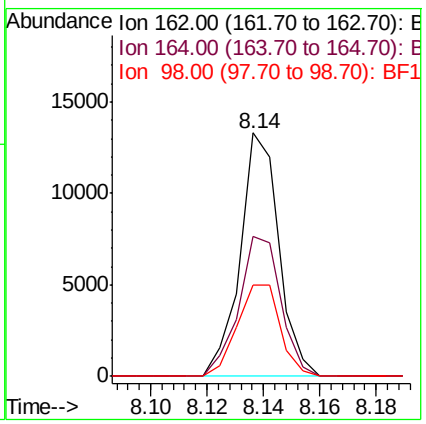


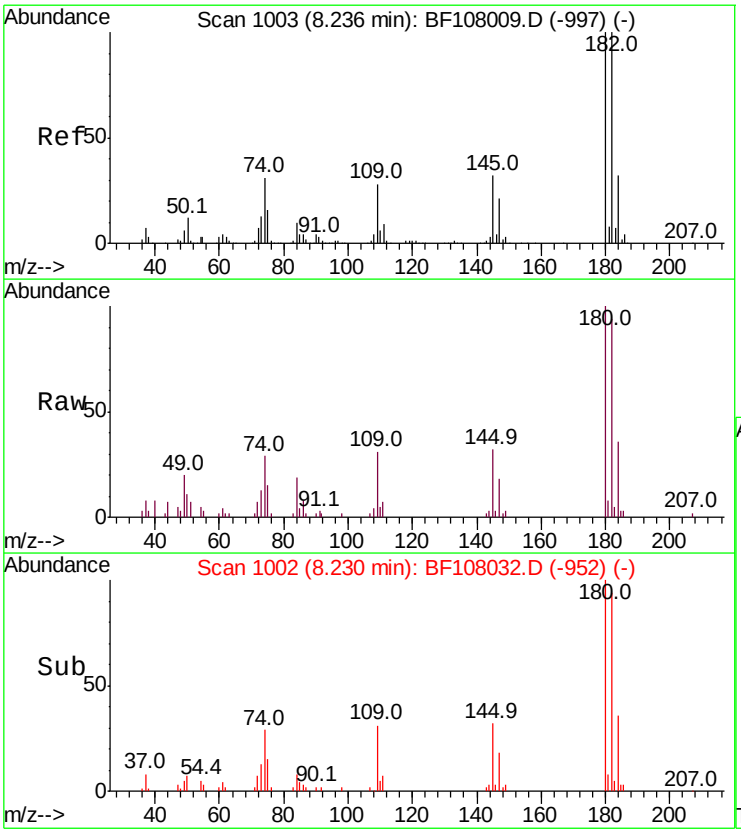
#29
2,4-Dichlorophenol
Concen: 0.840 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 12649

Ion	Ratio	Lower	Upper
162	100		
164	57.5	42.7	82.7
98	37.4	18.1	58.1

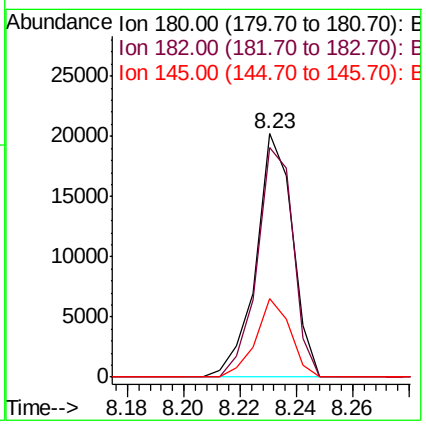


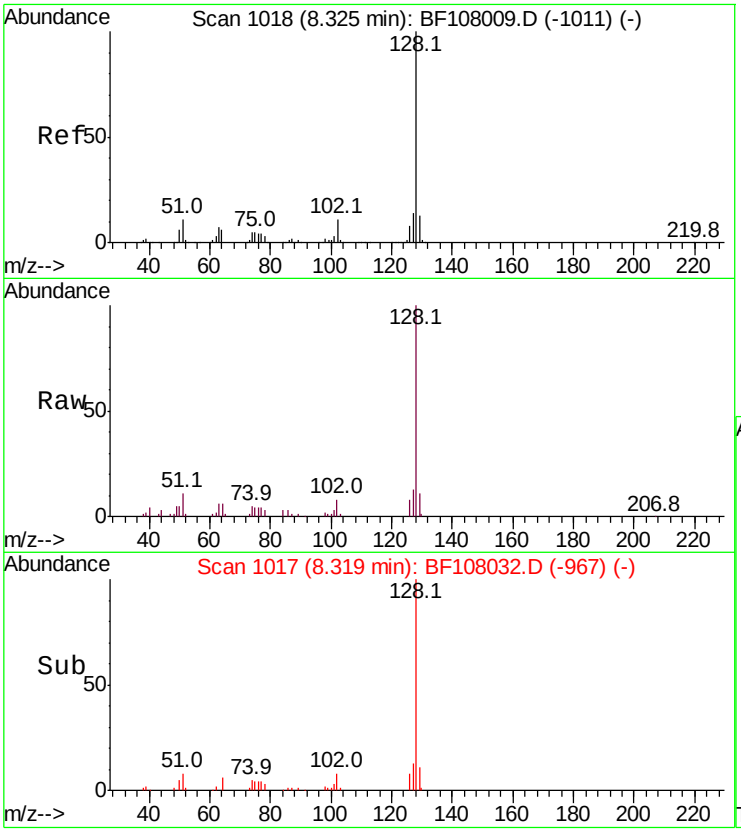


#30
1,2,4-Trichlorobenzene
Concen: 1.090 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:180 Resp: 18091

Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	32.4	26.5	39.7



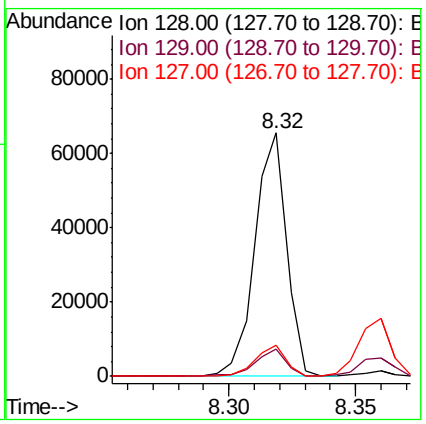


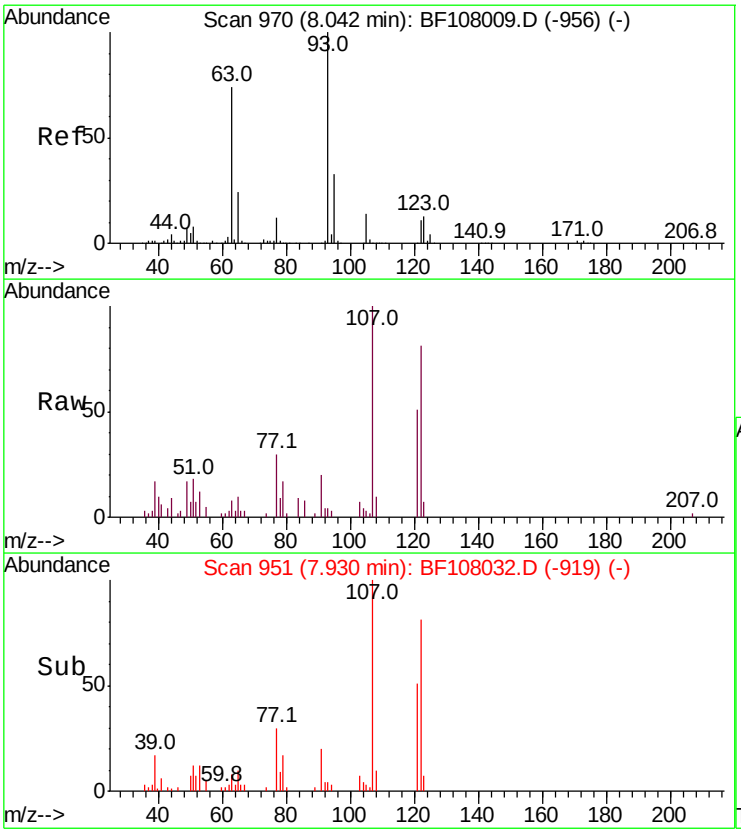
#31
Naphthalene
Concen: 1.169 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 57364

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.0	10.9	16.3

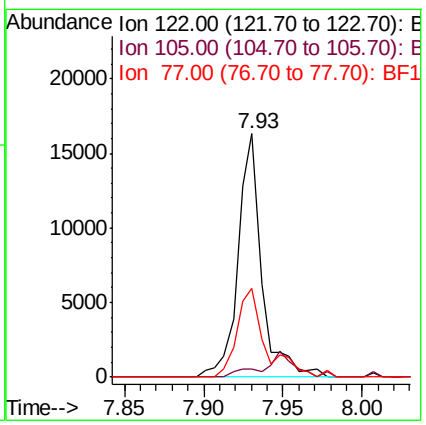


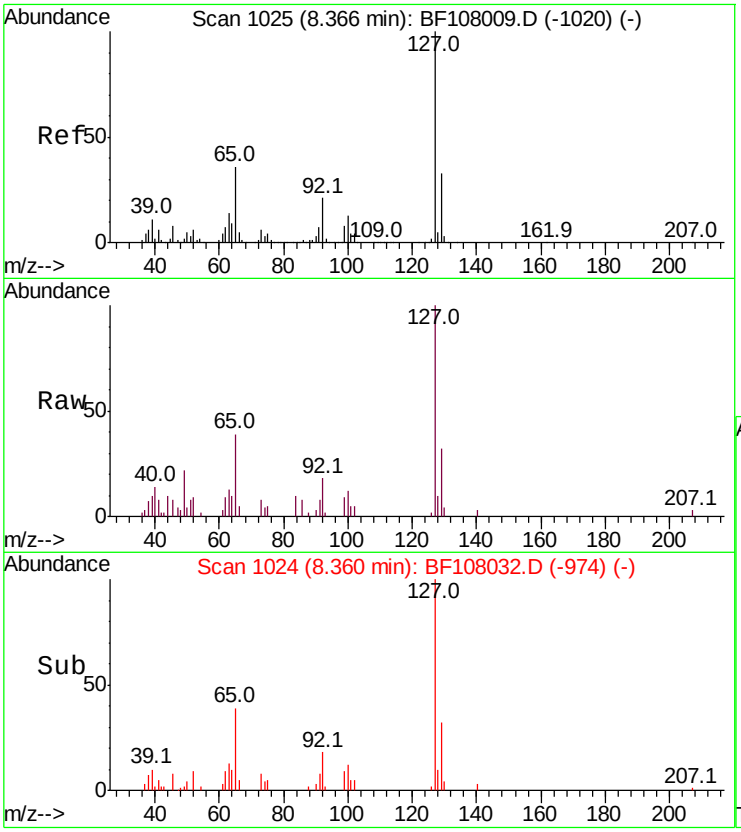


#32
Benzoic acid
Concen: 7.528 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.11 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:122 Resp: 16840

Ion	Ratio	Lower	Upper
122	100		
105	3.5	101.1	141.1#
77	36.5	70.7	110.7#



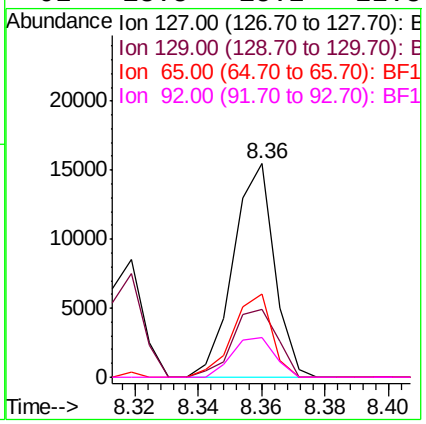


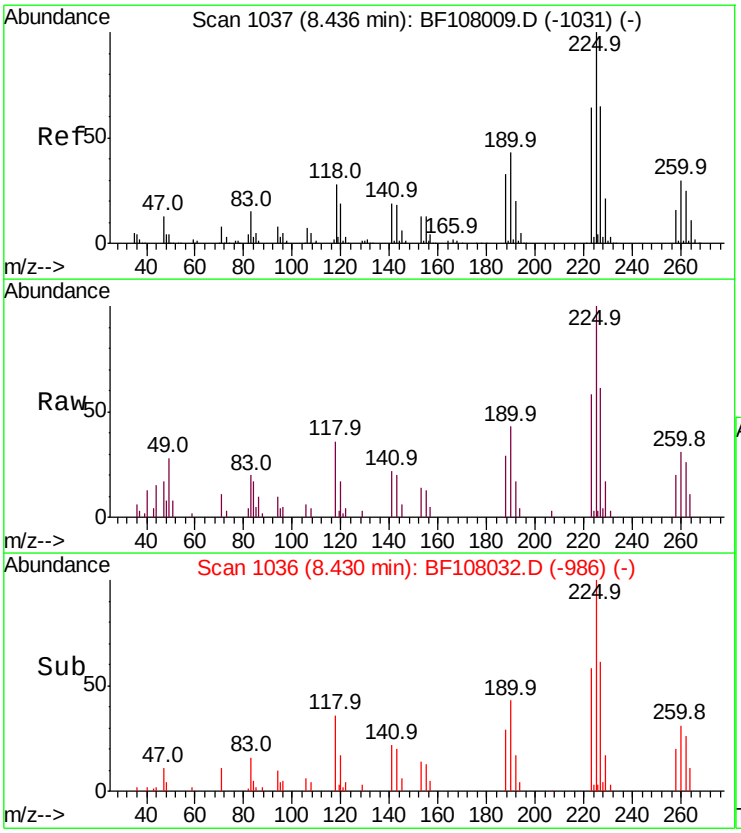
#33
4-Chloroaniline
Concen: 0.647 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 13829

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	39.0	25.0	37.4#
92	18.5	15.2	22.8

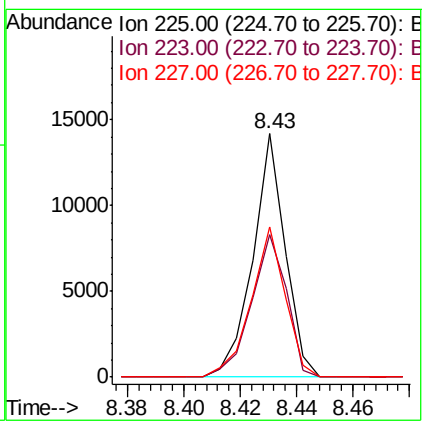


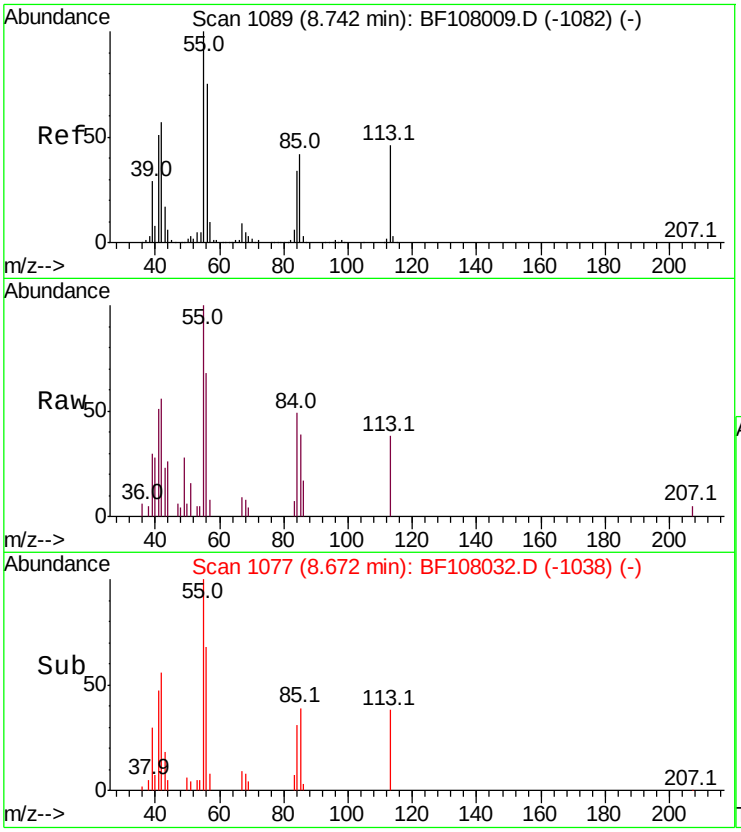


#34
Hexachlorobutadiene
Concen: 1.073 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:225 Resp: 11275

Ion	Ratio	Lower	Upper
225	100		
223	58.4	50.6	76.0
227	61.5	51.9	77.9



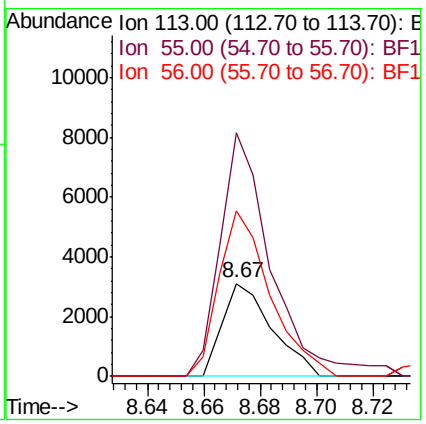


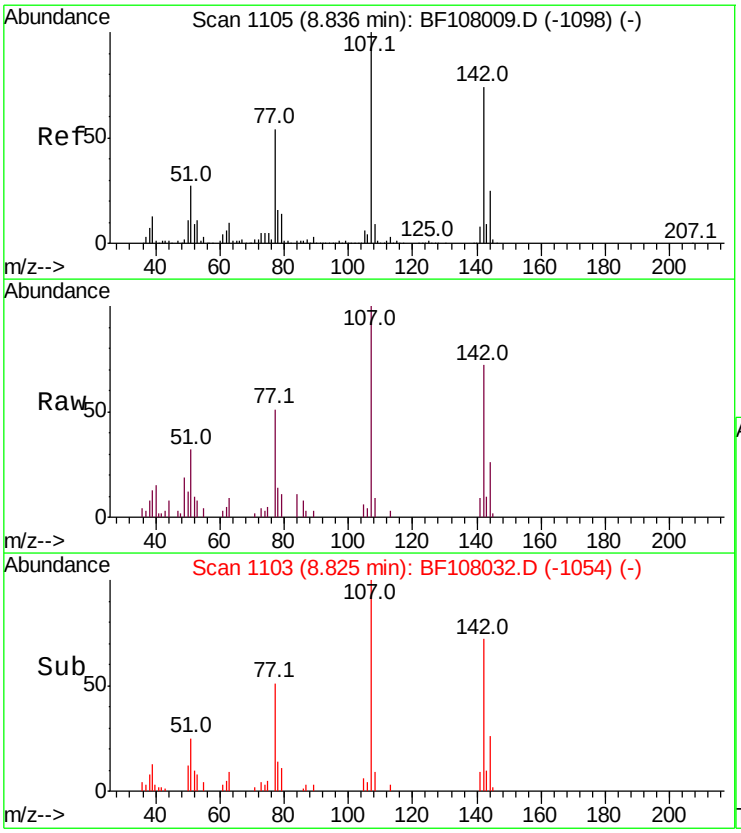
#35
Caprolactam
Concen: 0.801 ng
RT: 8.67 min Scan# 1077
Delta R.T. -0.07 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 3779

Ion	Ratio	Lower	Upper
113	100		
55	262.6	163.3	203.3#
56	178.2	115.7	155.7#

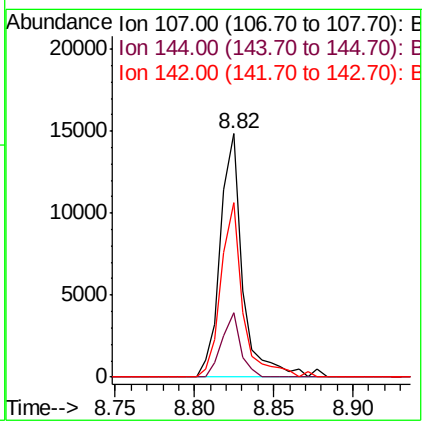


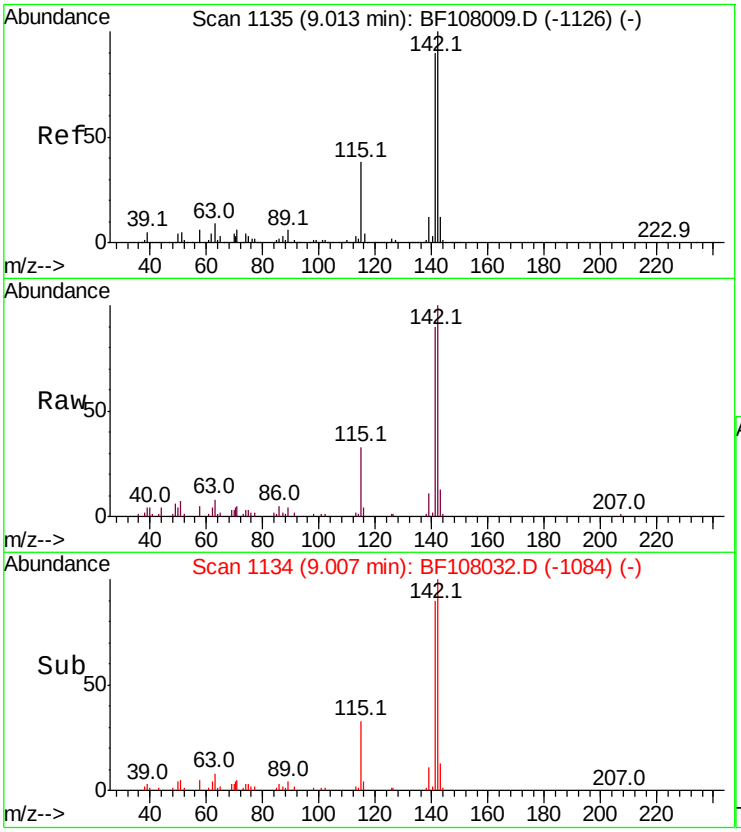


#36
4-Chloro-3-methylphenol
Concen: 0.899 ng
RT: 8.82 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:107 Resp: 14596

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	71.7	62.0	93.0



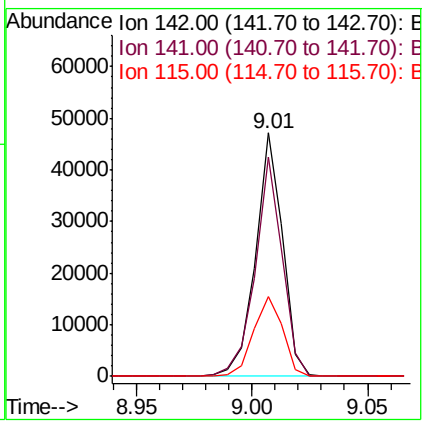


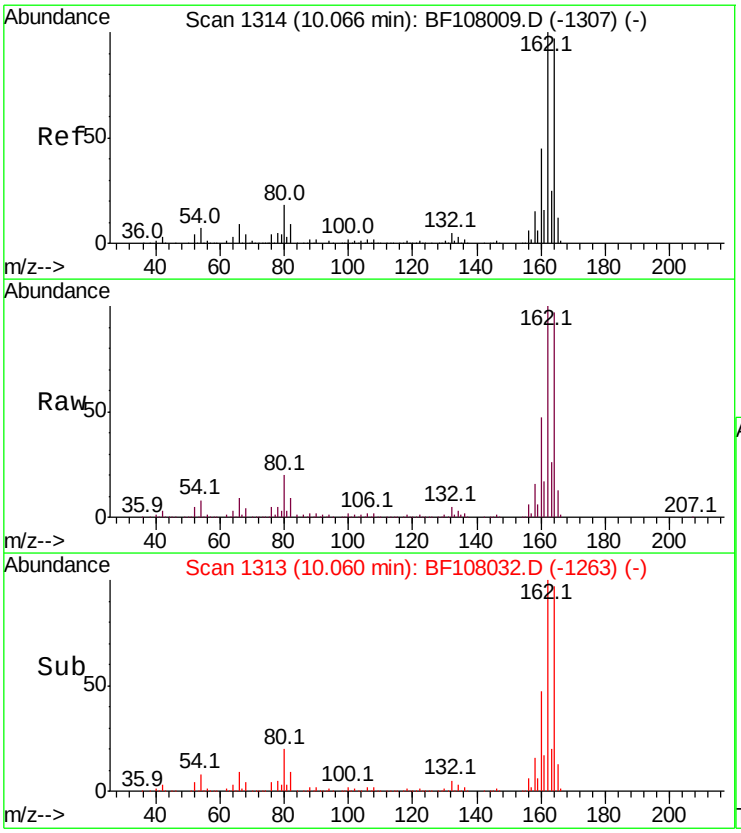
#37
2-Methylnaphthalene
Concen: 1.115 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 38687

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.7	26.1	39.1

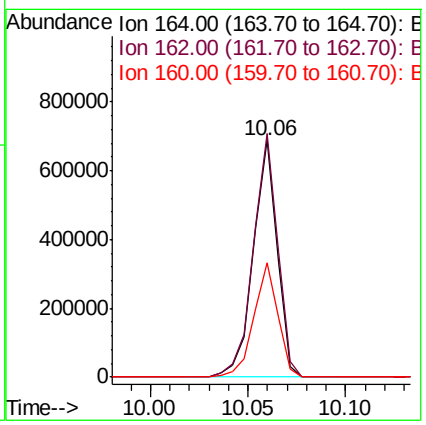


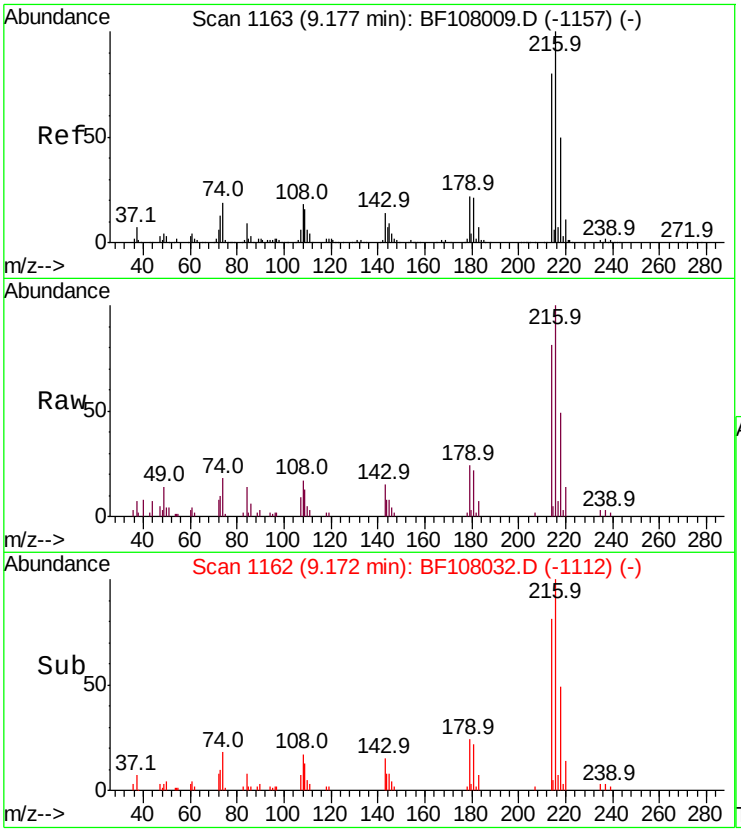


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:164 Resp: 583705

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	48.1	38.3	57.5



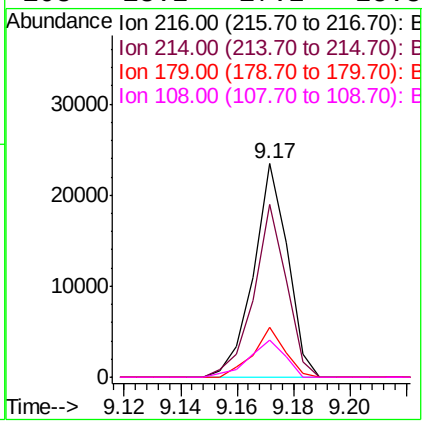


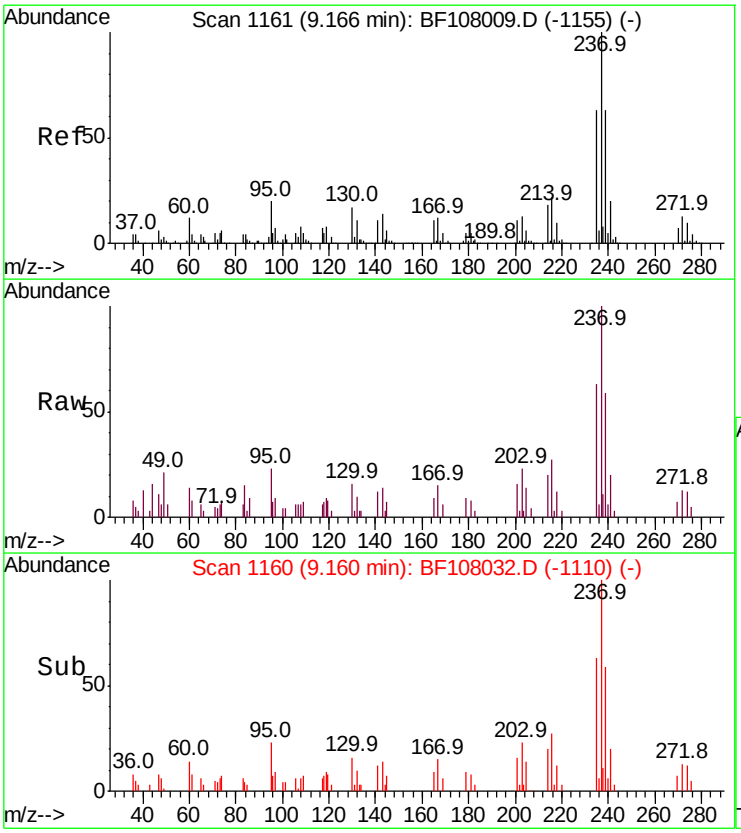
#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.097 ng
RT: 9.17 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 19662

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	21.6	18.1	27.1
108	18.2	17.2	25.8

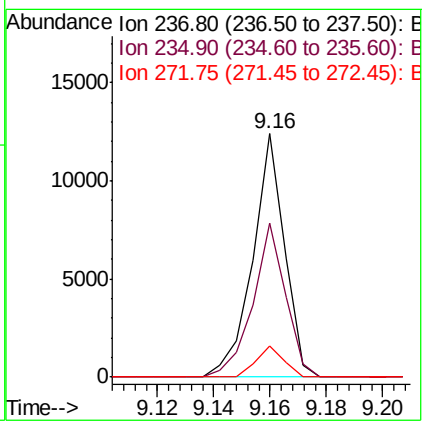


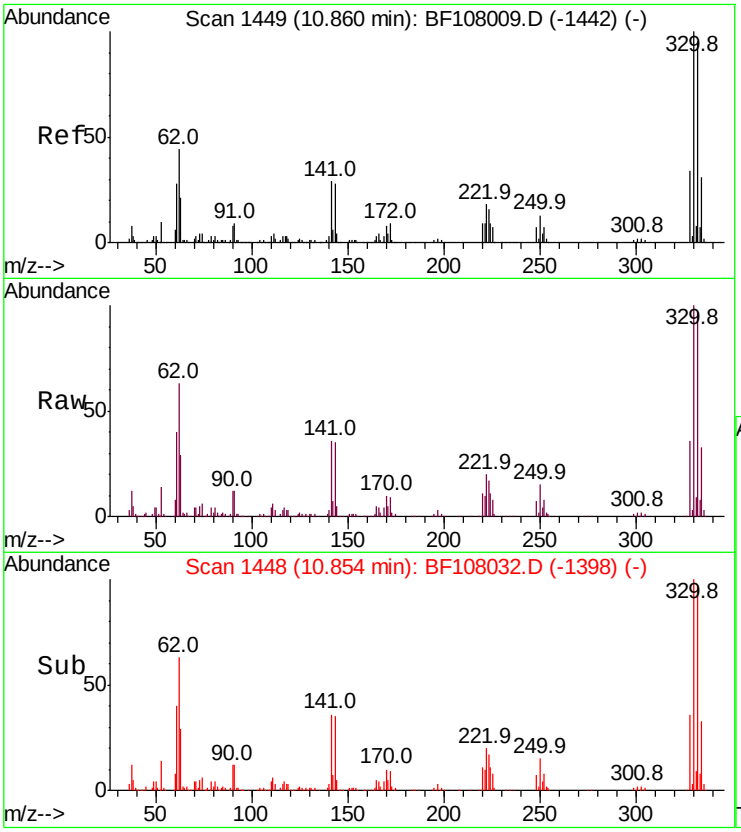


#40
Hexachlorocyclopentadiene
Concen: 0.838 ng
RT: 9.16 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:237 Resp: 9698

Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	12.8	0.0	33.3



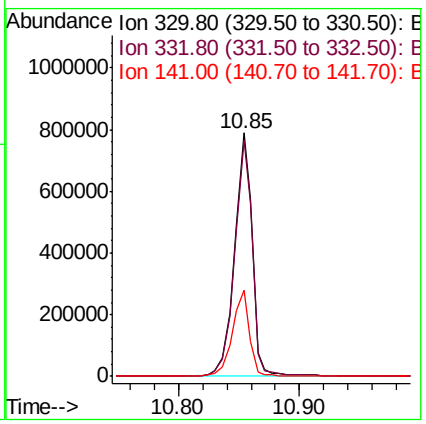


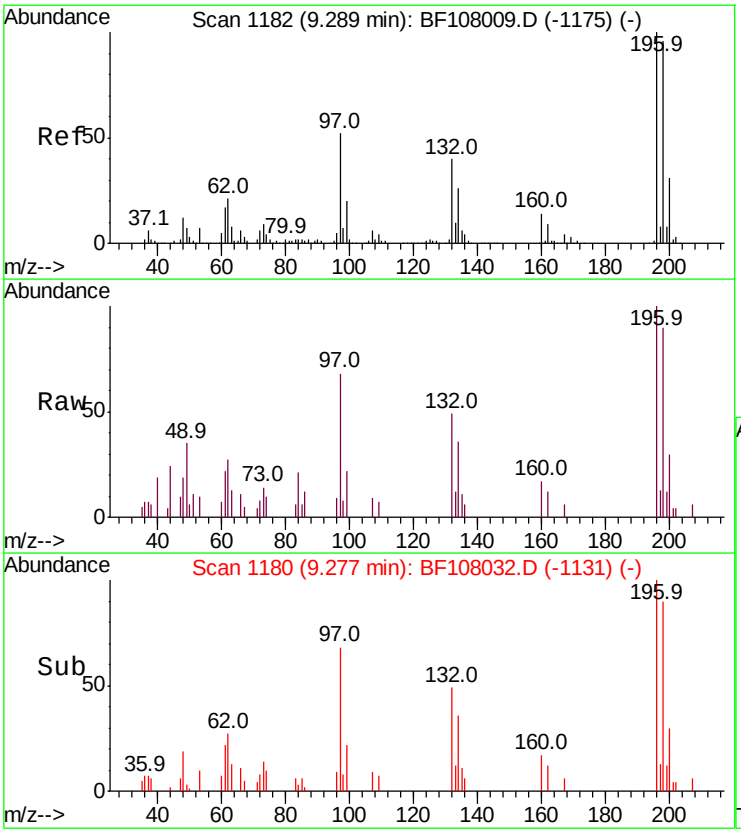
#41
2,4,6-Tribromophenol
Concen: 138.905 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 808745

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	34.7	29.9	44.9

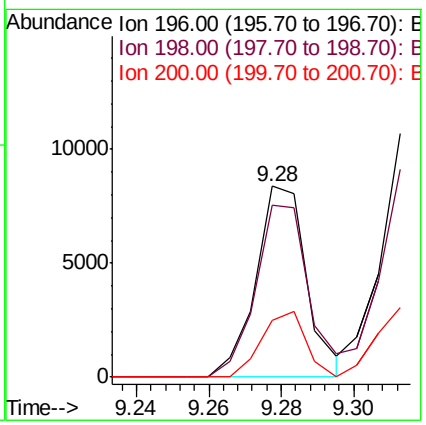


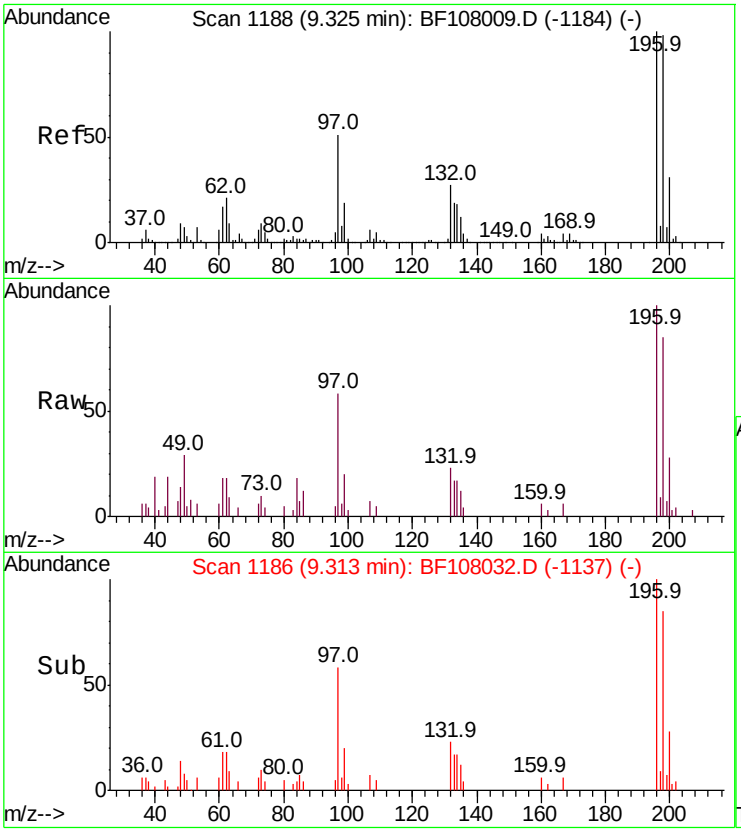


#42
2,4,6-Trichlorophenol
Concen: 0.736 ng
RT: 9.28 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:196 Resp: 8191

Ion	Ratio	Lower	Upper
196	100		
198	89.9	75.7	113.5
200	29.8	24.5	36.7



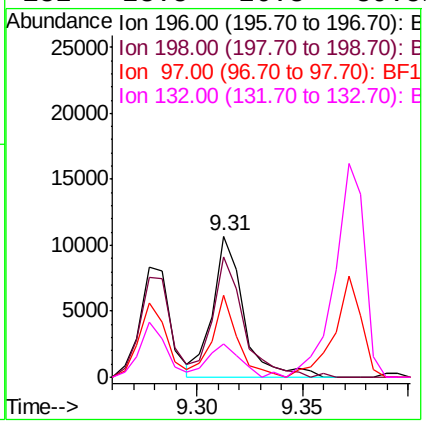


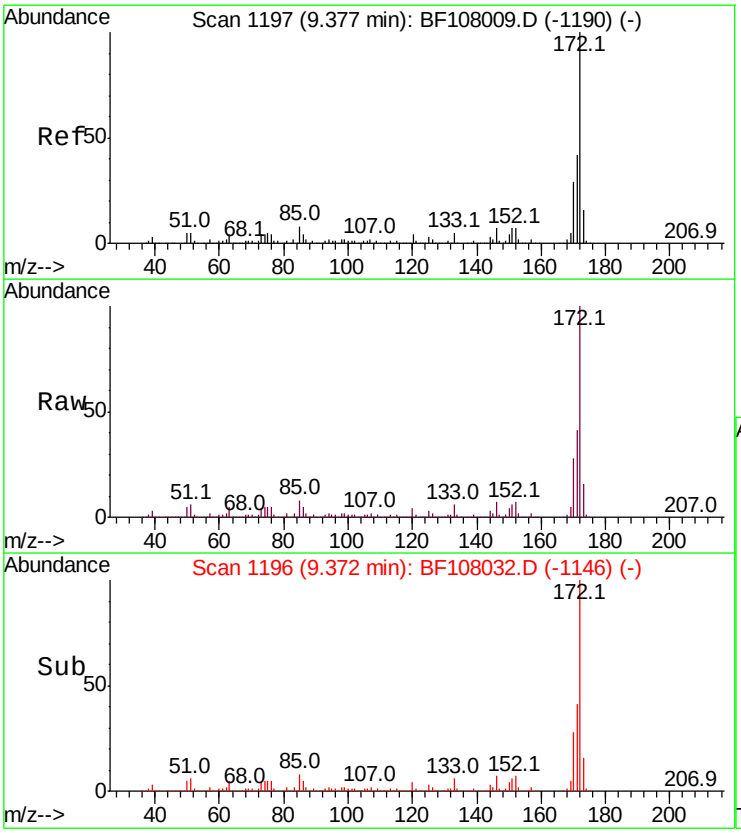
#43
2,4,5-Trichlorophenol
Concen: 0.894 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 10945

Ion	Ratio	Lower	Upper
196	100		
198	85.2	74.6	112.0
97	57.6	42.9	64.3
132	23.5	26.3	39.5#

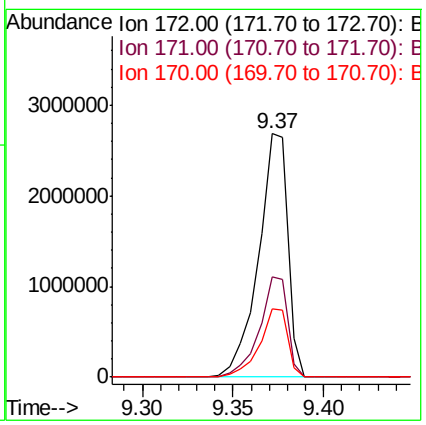


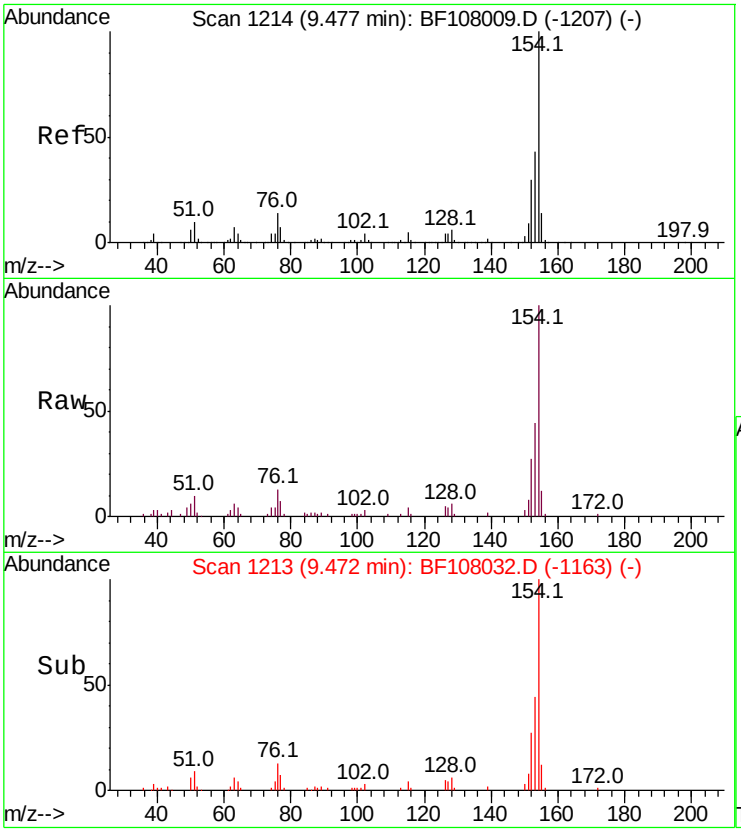


#44
2-Fluorobiphenyl
Concen: 83.191 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:172 Resp: 3024600

Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	28.2	19.6	29.4



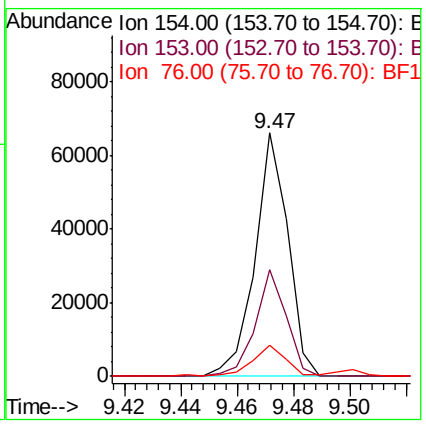


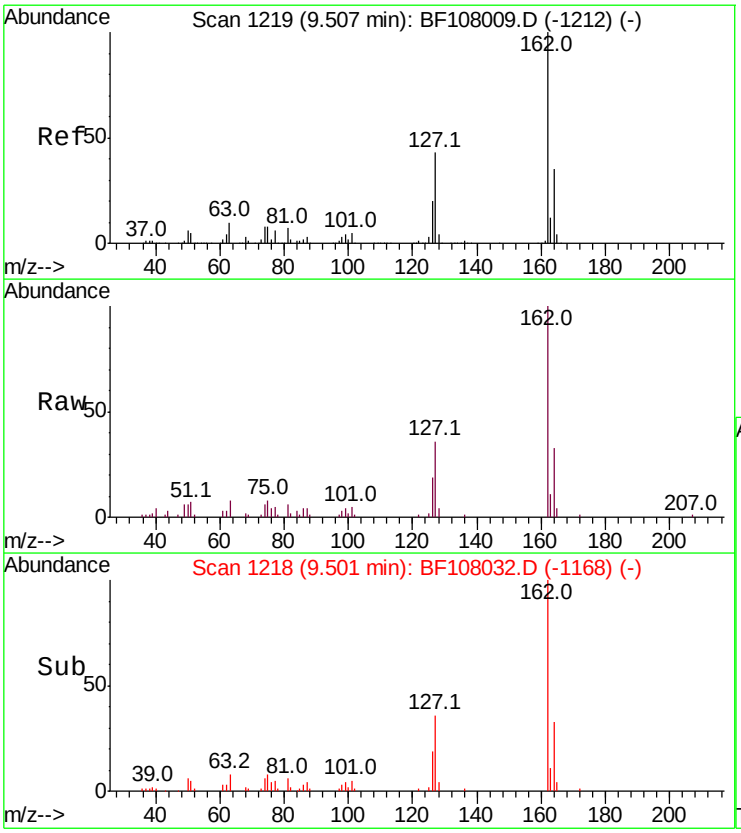
#45
1,1'-Biphenyl
Concen: 1.241 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 53429

Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.3	61.3
76	13.0	0.0	34.0

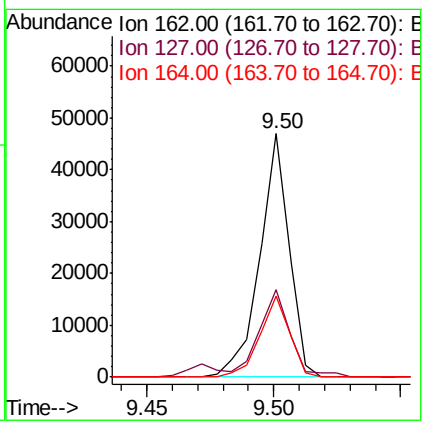


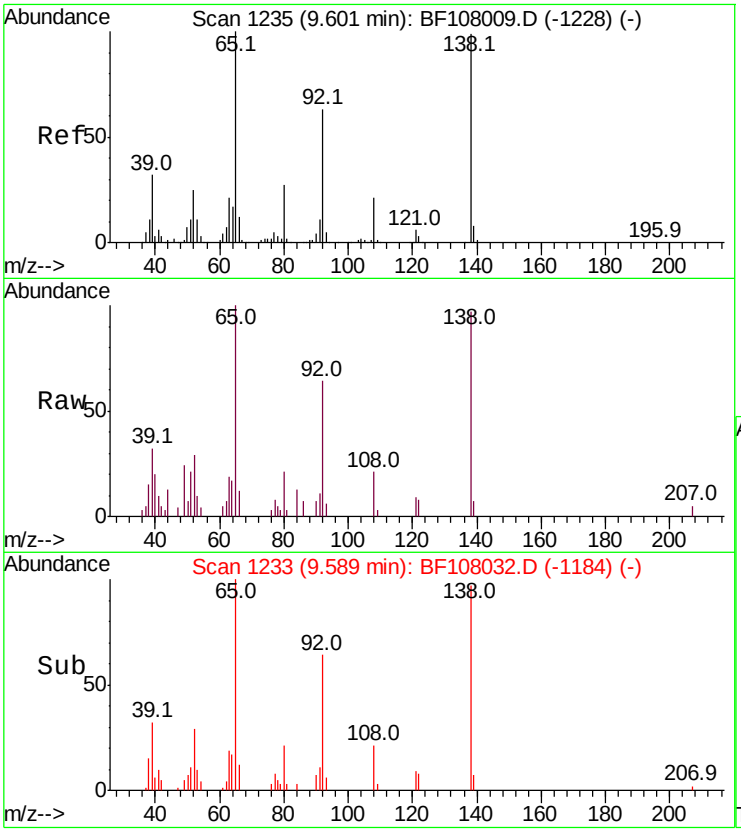


#46
2-Chloronaphthalene
Concen: 1.122 ng
RT: 9.50 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:162 Resp: 38179

Ion	Ratio	Lower	Upper
162	100		
127	36.1	33.9	50.9
164	33.5	26.5	39.7



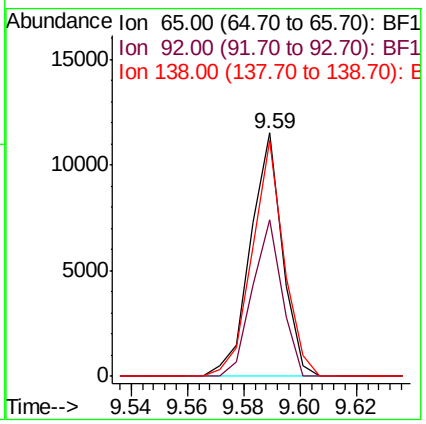


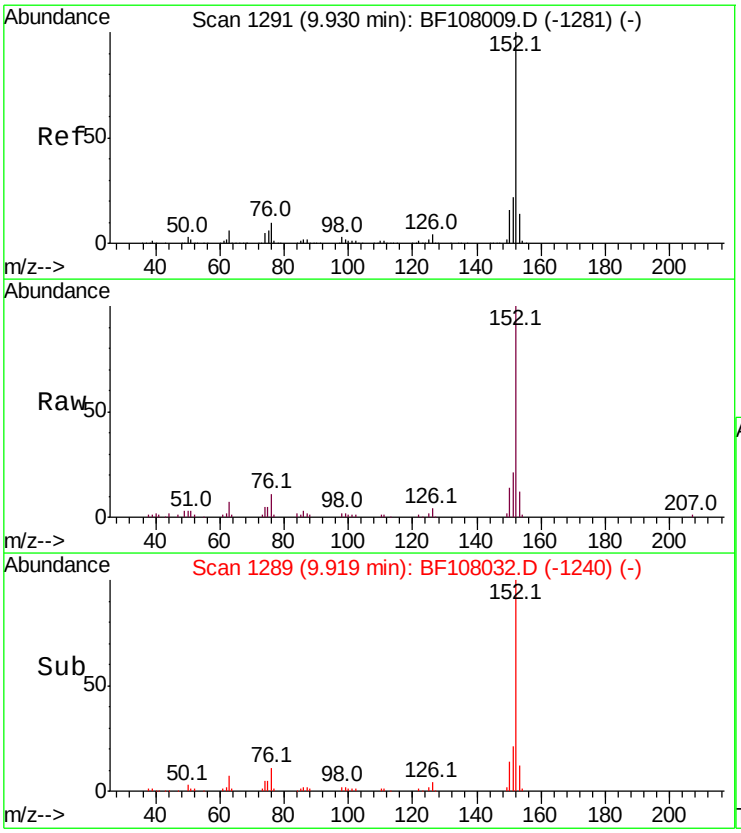
#47
2-Nitroaniline
Concen: 0.820 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 9021

Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.8	83.6
138	96.9	91.2	136.8

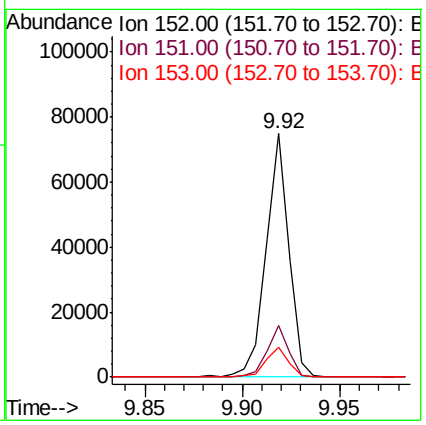


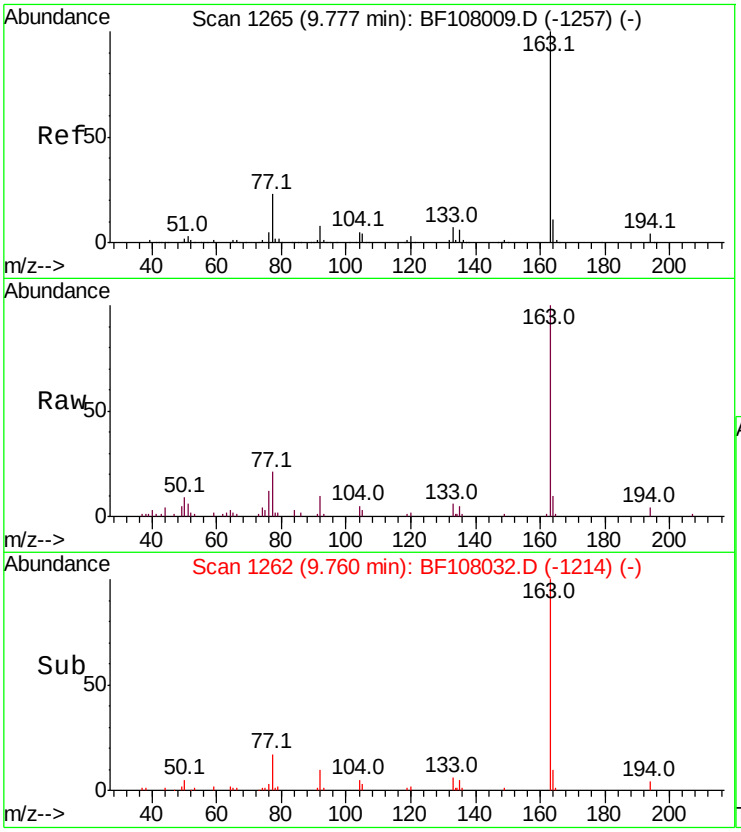


#48
Acenaphthylene
Concen: 1.124 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:152 Resp: 60438

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	12.3	10.7	16.1



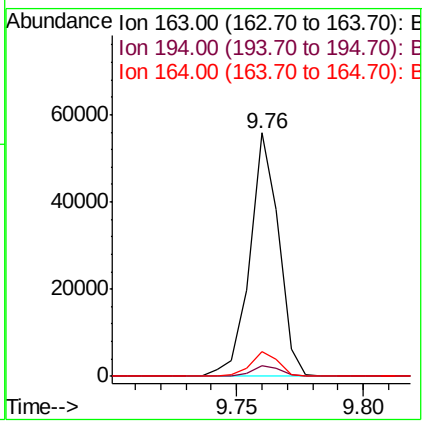


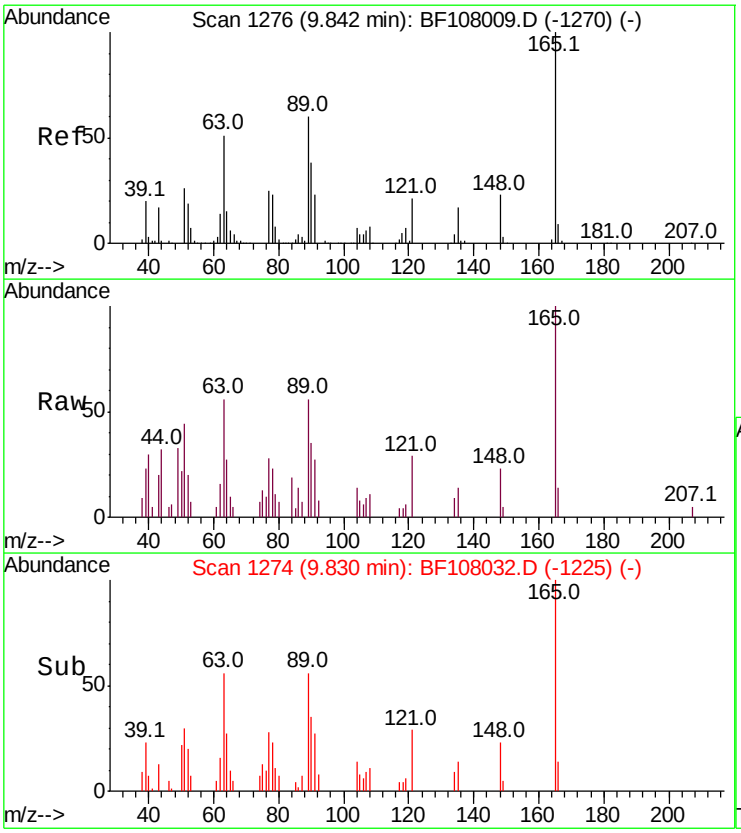
#49
Dimethylphthalate
Concen: 1.091 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44348

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.9	8.2	12.2

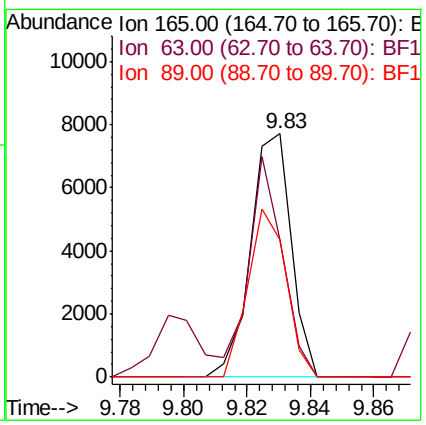


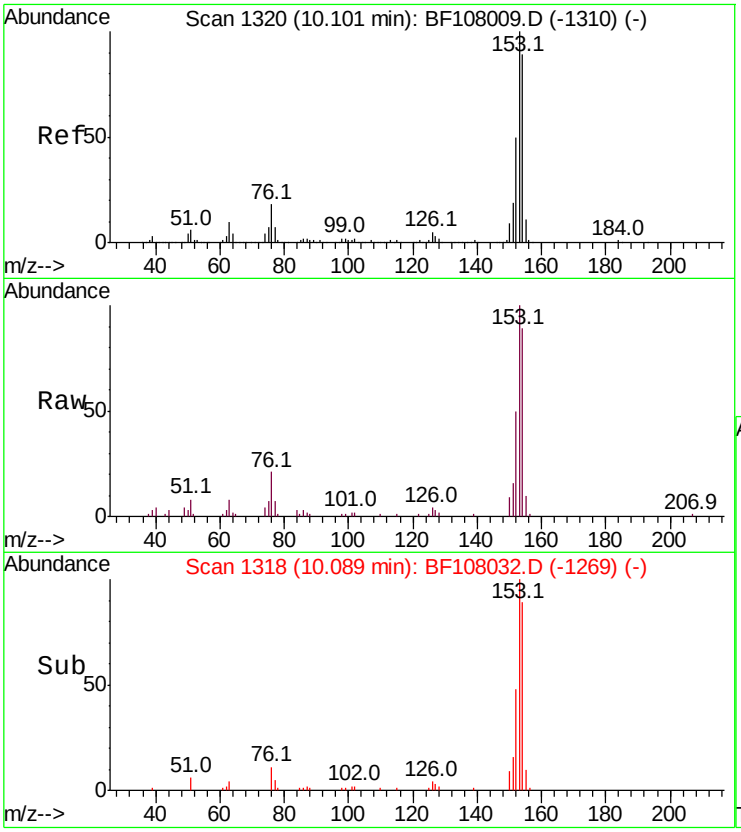


#50
2,6-Dinitrotoluene
Concen: 0.809 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:165 Resp: 6883

Ion	Ratio	Lower	Upper
165	100		
63	56.2	44.7	67.1
89	56.5	44.0	66.0



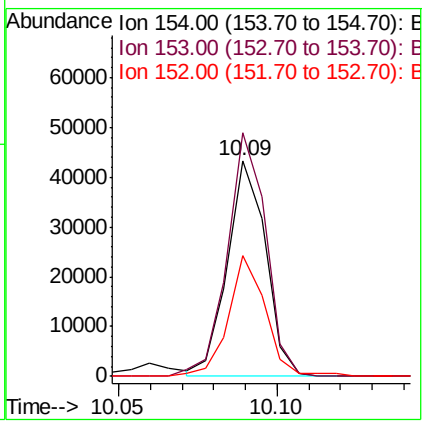


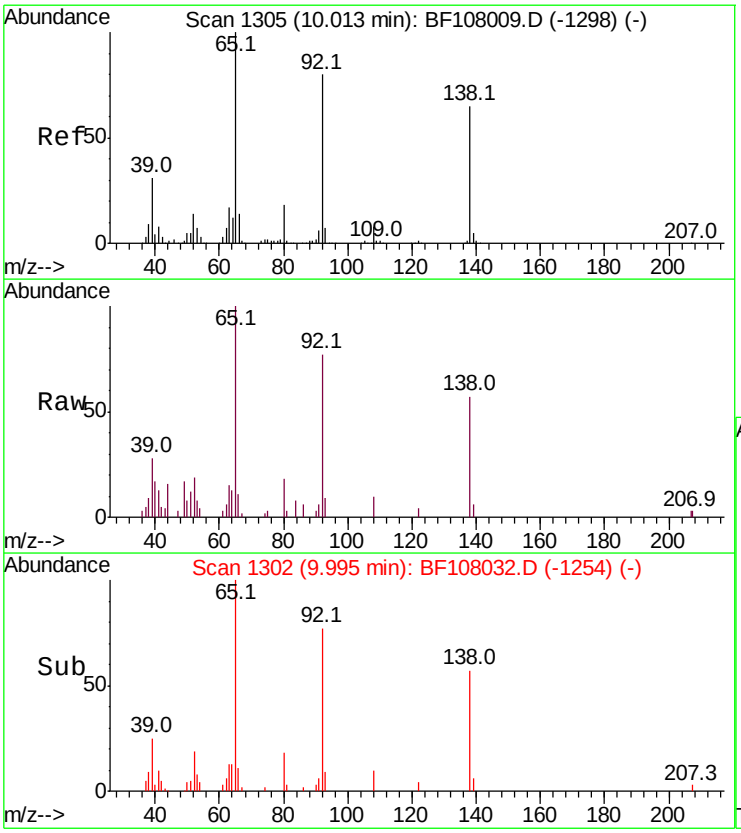
#51
Acenaphthene
Concen: 1.099 ng
RT: 10.09 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 36189

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	56.2	43.8	65.8

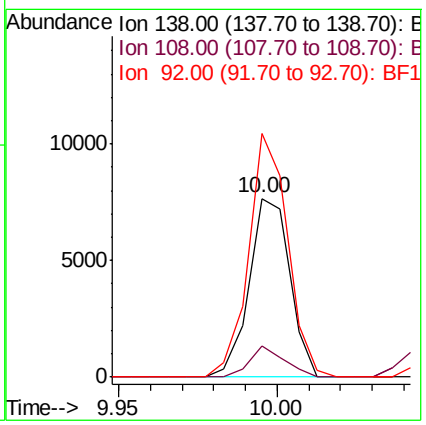


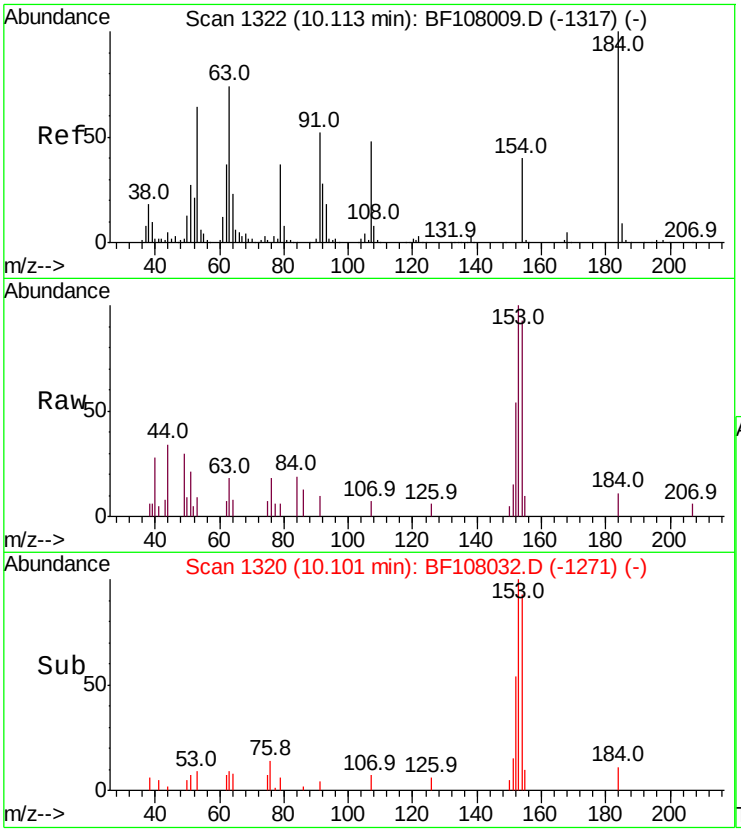


#52
3-Nitroaniline
Concen: 0.734 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:138 Resp: 6830

Ion	Ratio	Lower	Upper
138	100		
108	17.2	9.4	14.0#
92	136.3	89.4	134.2#



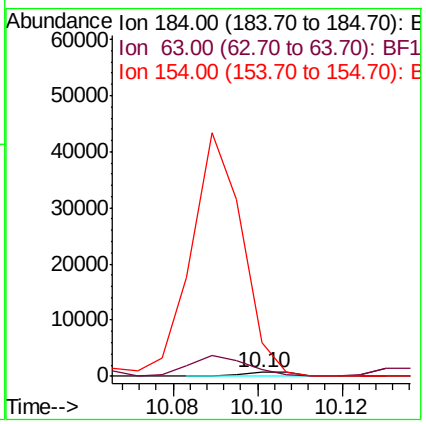


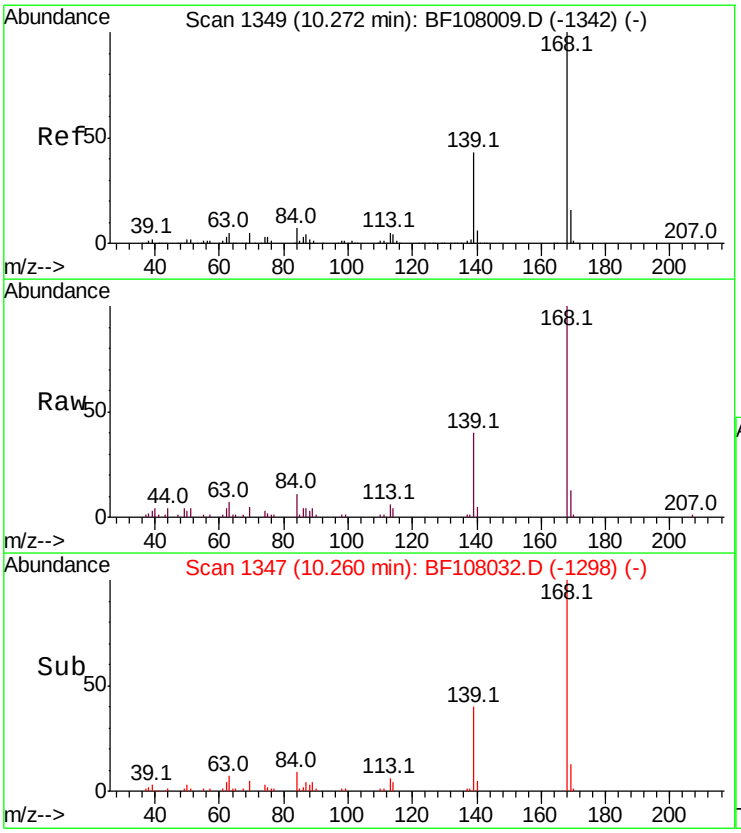
#53
2,4-Dinitrophenol
Concen: 7.192 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 598

Ion	Ratio	Lower	Upper
184	100		
63	163.5	54.2	81.2#
154	837.0	184.0	276.0#

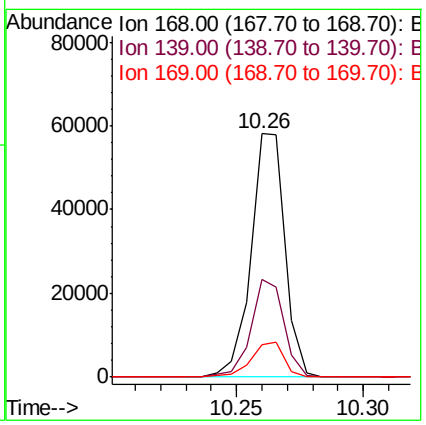


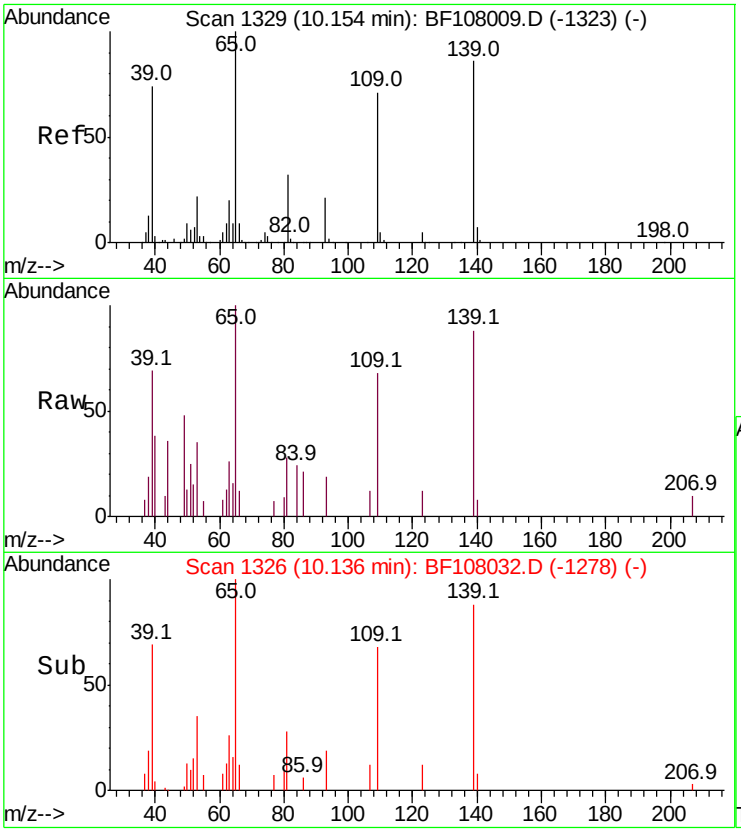


#54
Dibenzofuran
Concen: 1.135 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:168 Resp: 54175

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	13.4	10.9	16.3



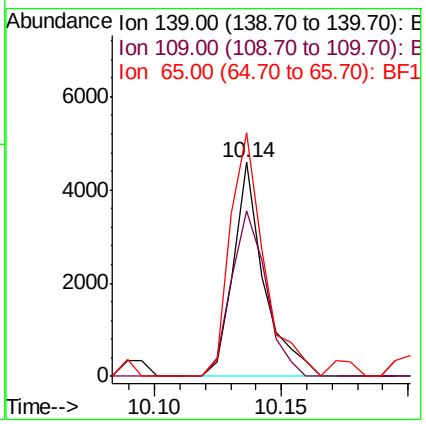


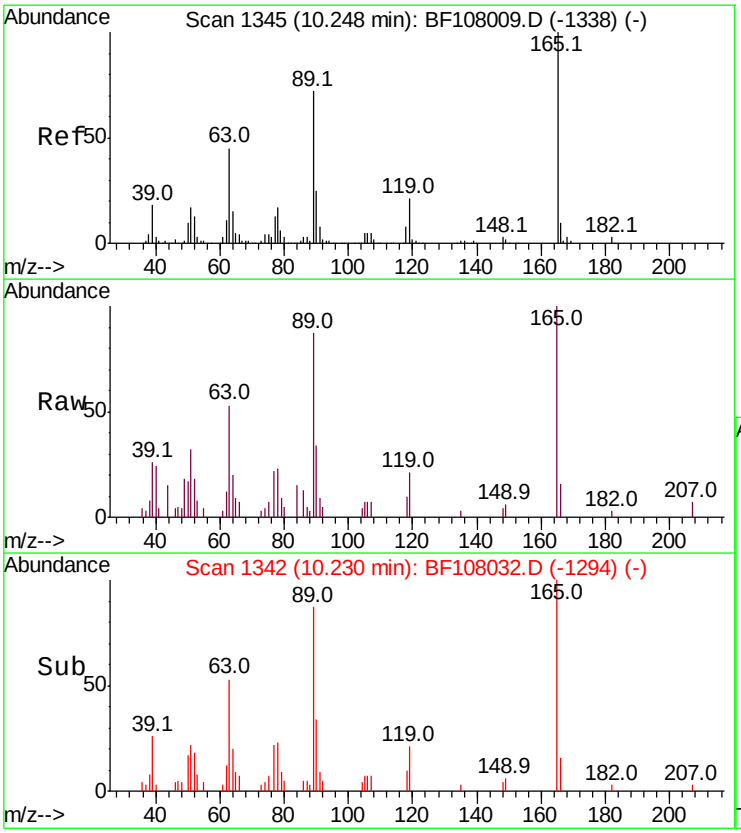
#55
4-Nitrophenol
Concen: 0.547 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3855

Ion	Ratio	Lower	Upper
139	100		
109	77.5	48.4	88.4
65	114.0	72.6	112.6#

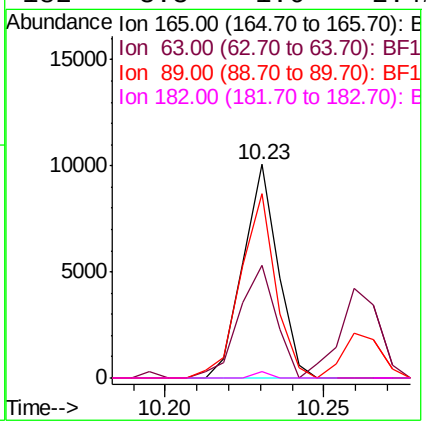


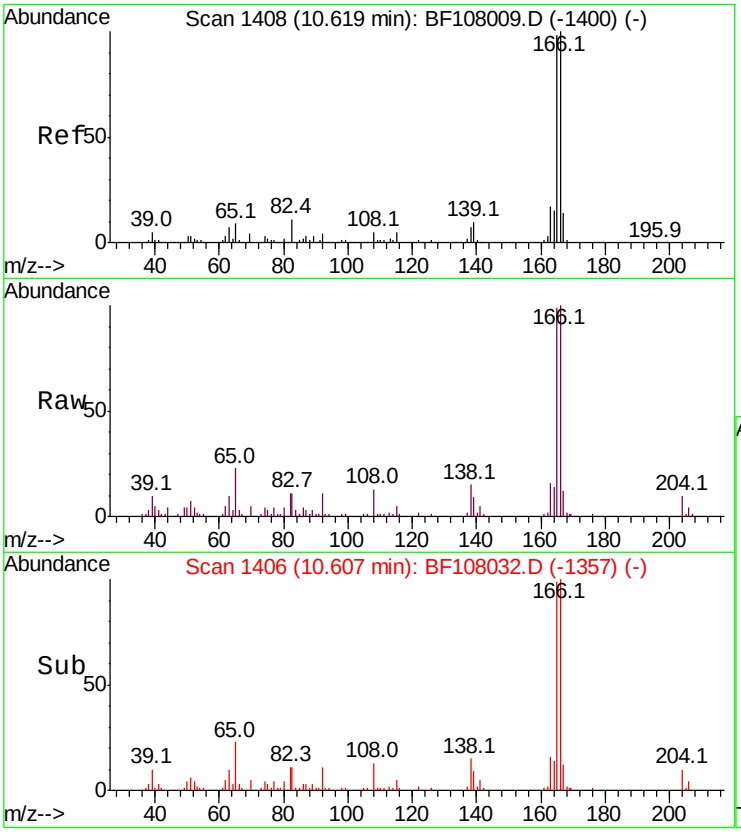


#56
2,4-Dinitrotoluene
Concen: 0.699 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:165 Resp: 7657

Ion	Ratio	Lower	Upper
165	100		
63	52.7	36.4	54.6
89	86.5	57.8	86.6
182	3.3	1.6	2.4#



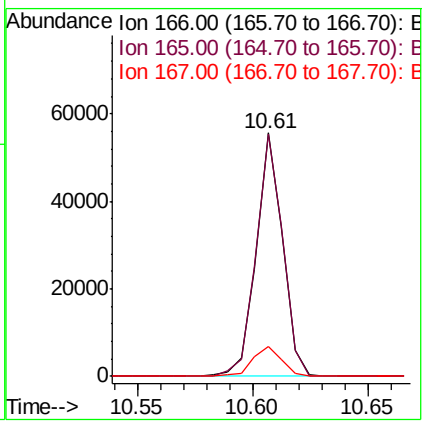


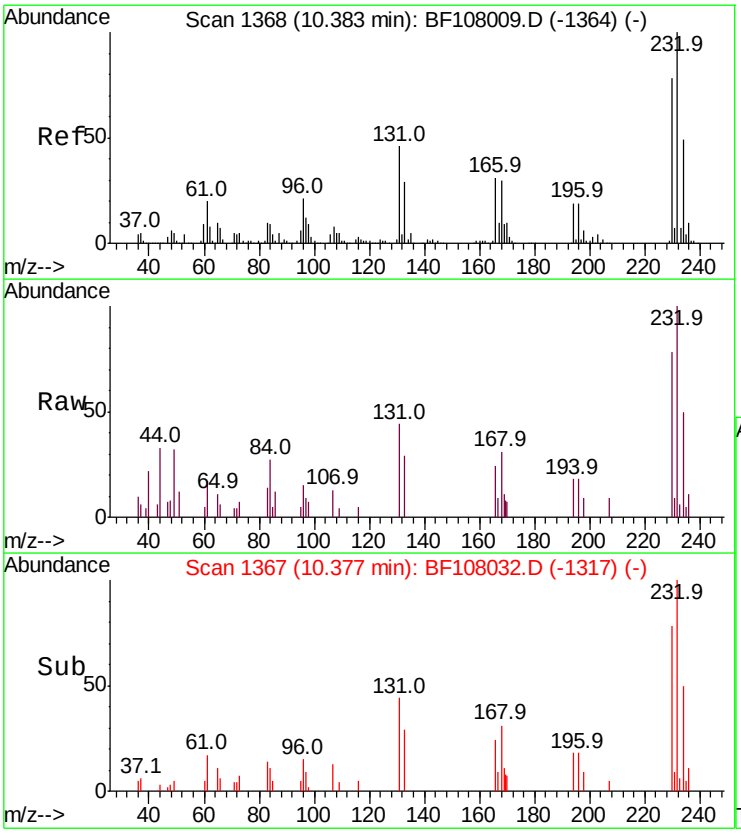
#57
Fluorene
Concen: 1.178 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 44512

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	12.4	10.6	16.0

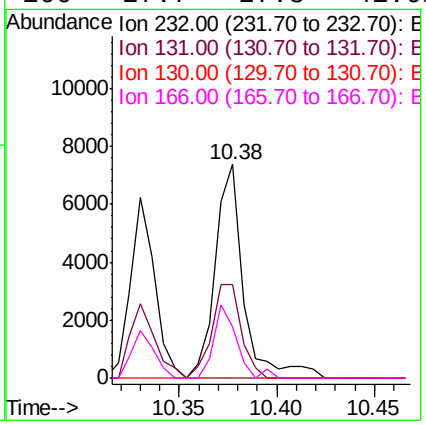


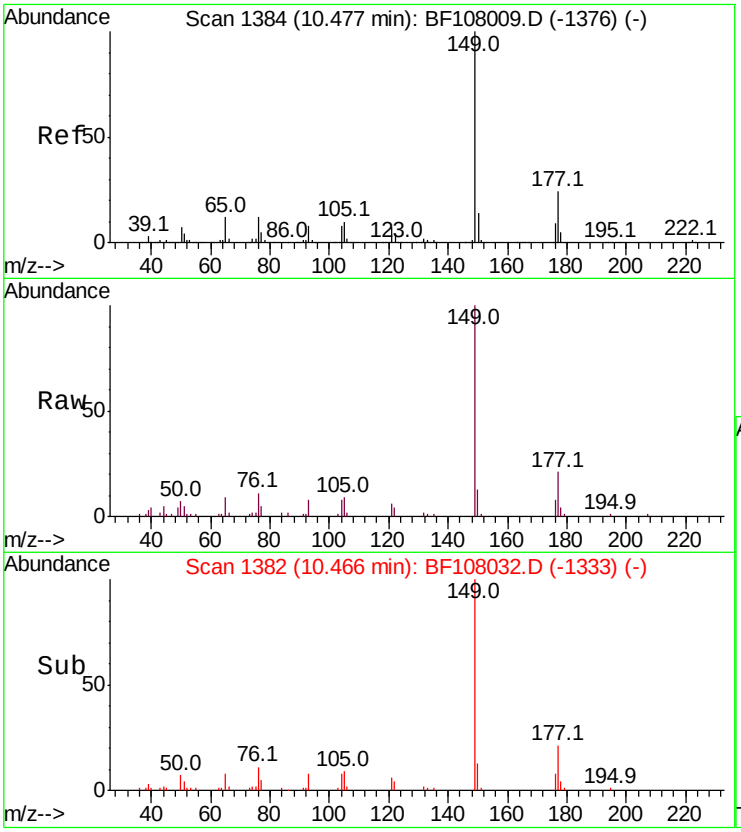


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.725 ng
RT: 10.38 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:232 Resp: 7418

Ion	Ratio	Lower	Upper
232	100		
131	45.4	43.8	65.8
130	0.0	2.1	3.1#
166	27.7	27.8	41.6#



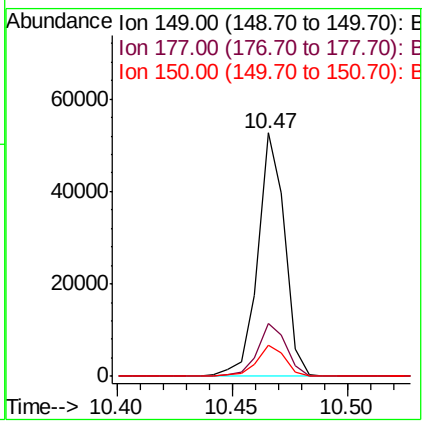


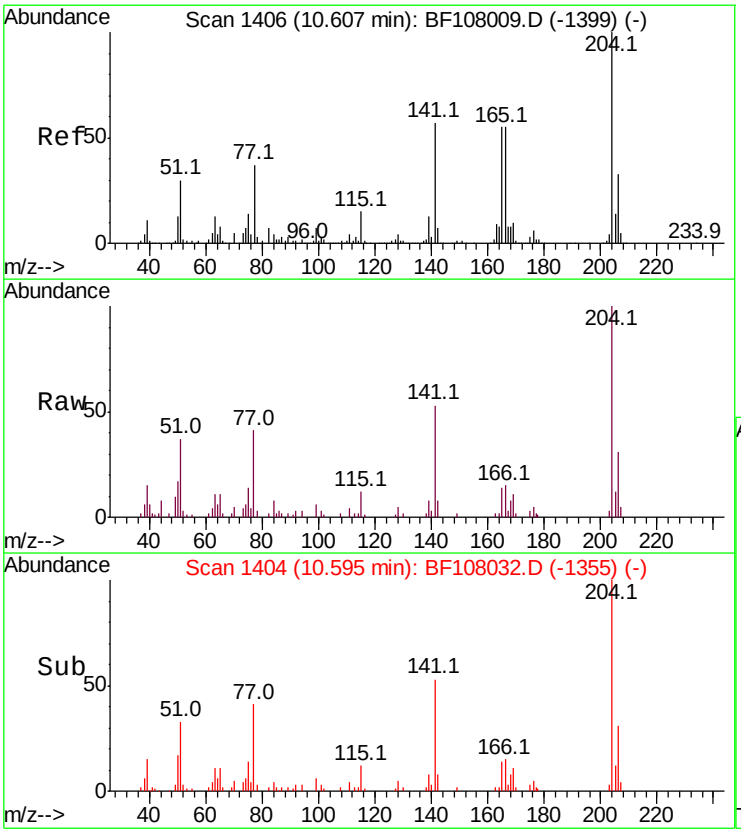
#59
Diethylphthalate
Concen: 1.088 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 42841

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.8	10.1	15.1

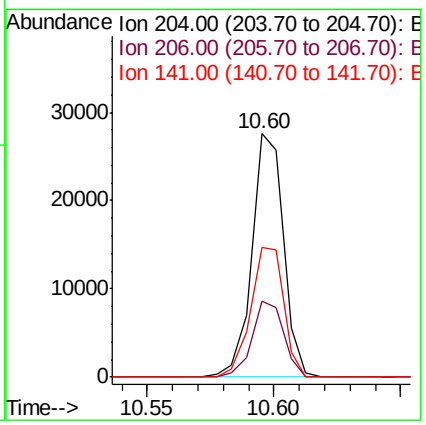


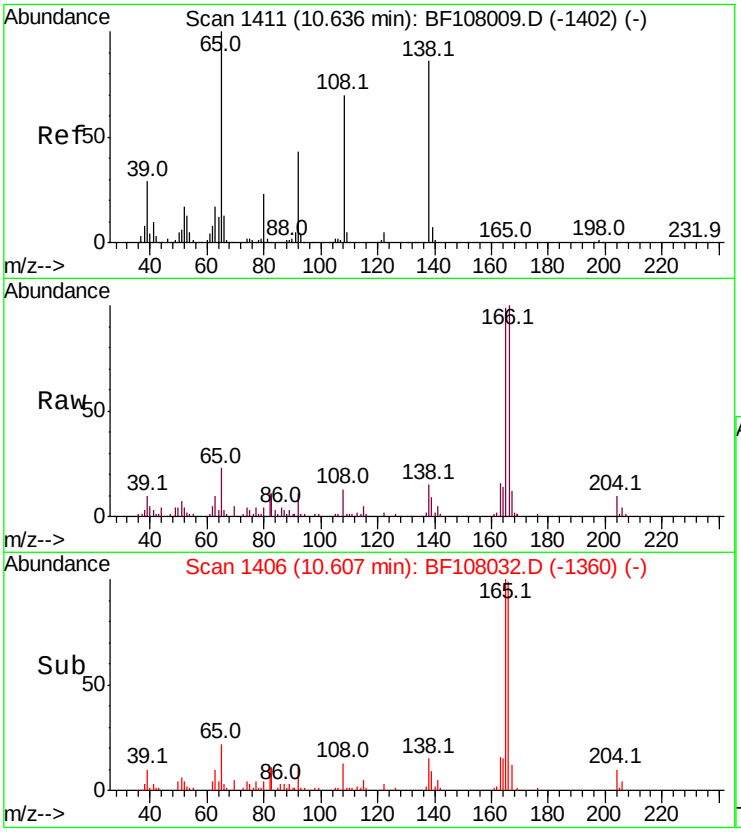


#60
4-Chlorophenyl-phenylether
Concen: 1.223 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:204 Resp: 24081

Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.5	39.7
141	53.2	54.6	81.8#



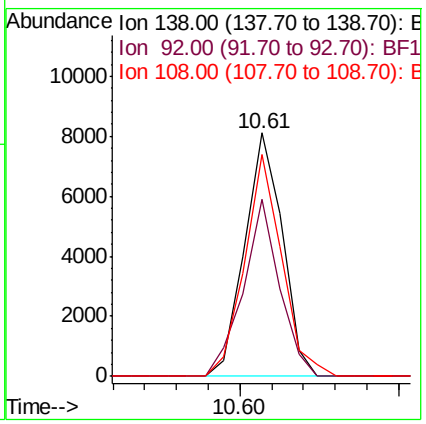


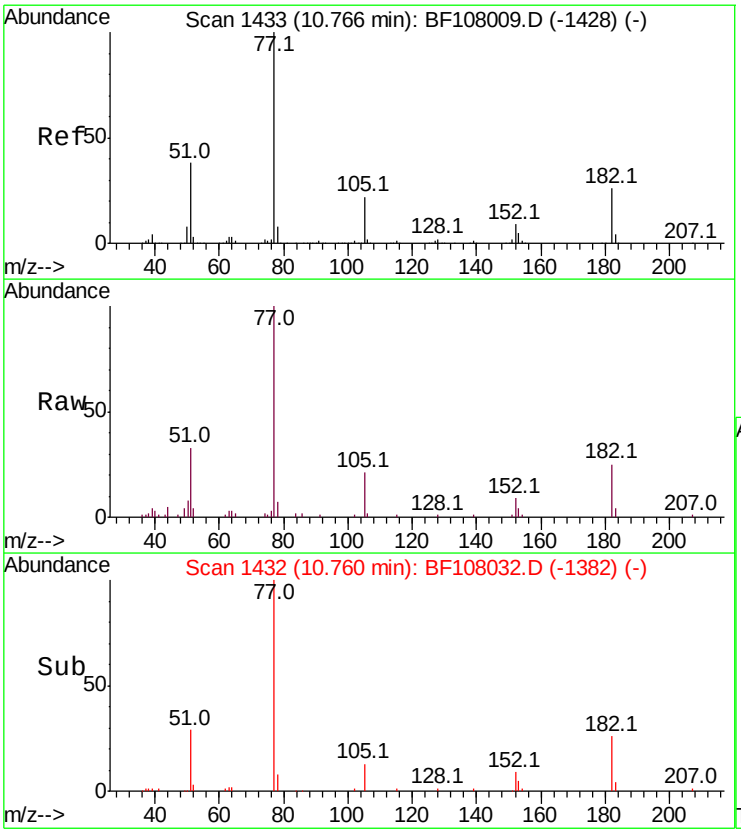
#61
4-Nitroaniline
Concen: 0.725 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 6669

Ion	Ratio	Lower	Upper
138	100		
92	72.9	30.2	70.2#
108	90.9	52.5	92.5

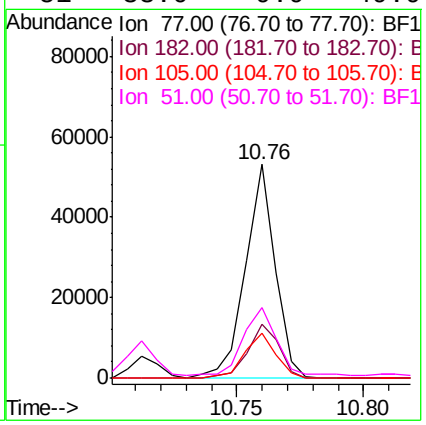


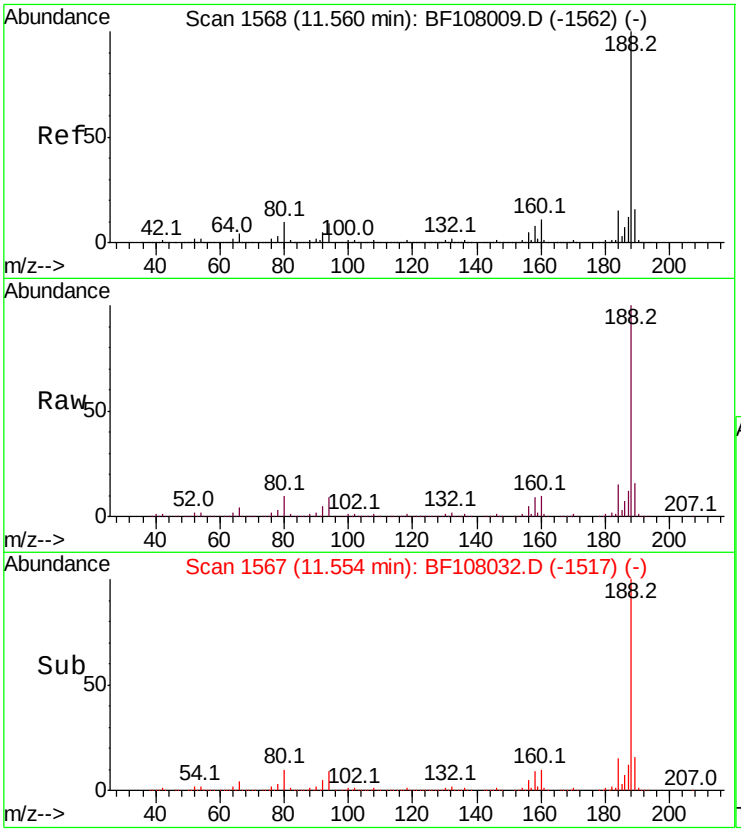


#62
Azobenzene
Concen: 1.070 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion: 77 Resp: 43514

Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.7	41.7
105	20.7	3.0	43.0
51	33.0	9.9	49.9



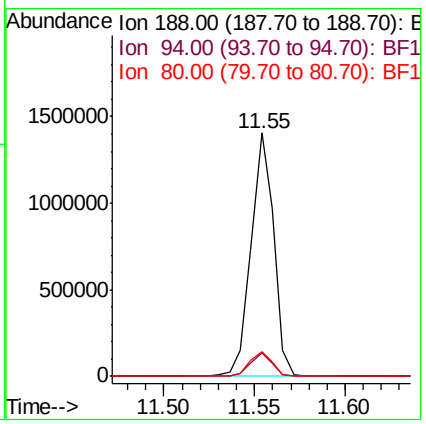


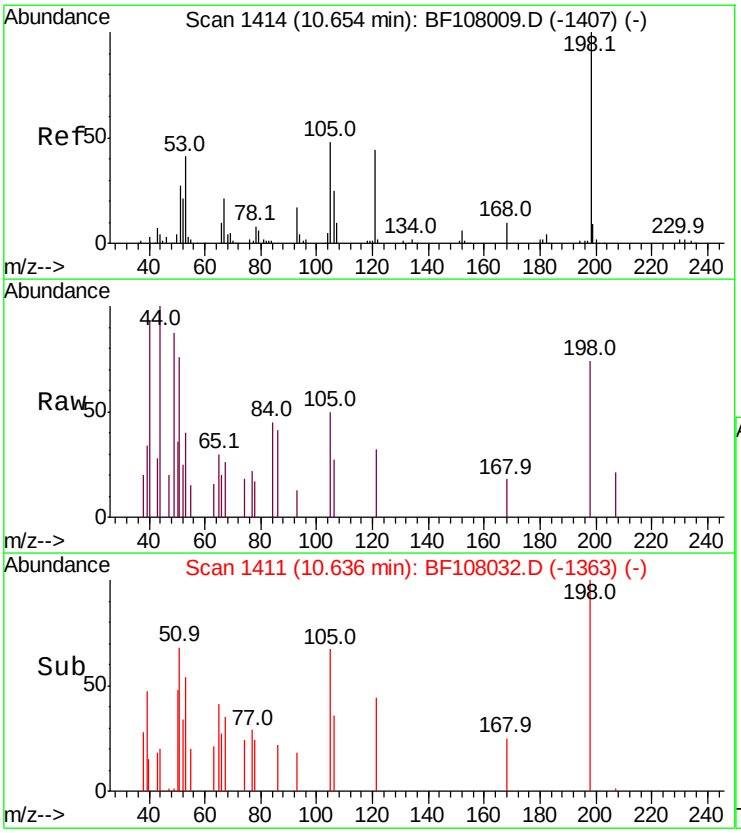
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1217753

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.3	9.2	13.8

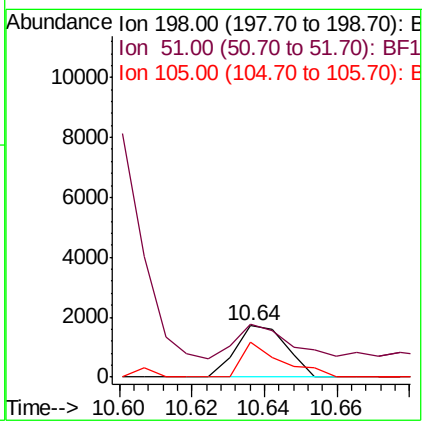


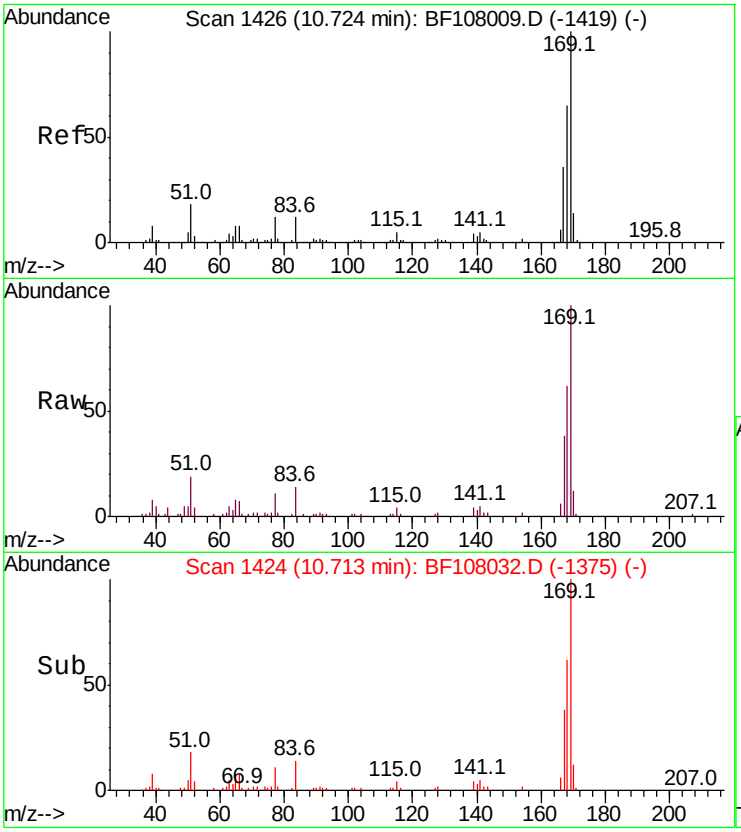


#64
4,6-Dinitro-2-methylphenol
Concen: 5.683 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:198 Resp: 1667

Ion	Ratio	Lower	Upper
198	100		
51	102.8	37.7	77.7#
105	67.4	36.3	76.3



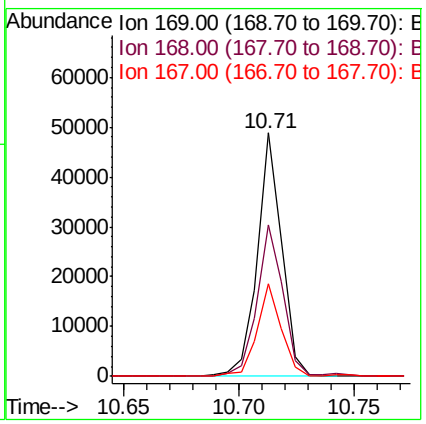


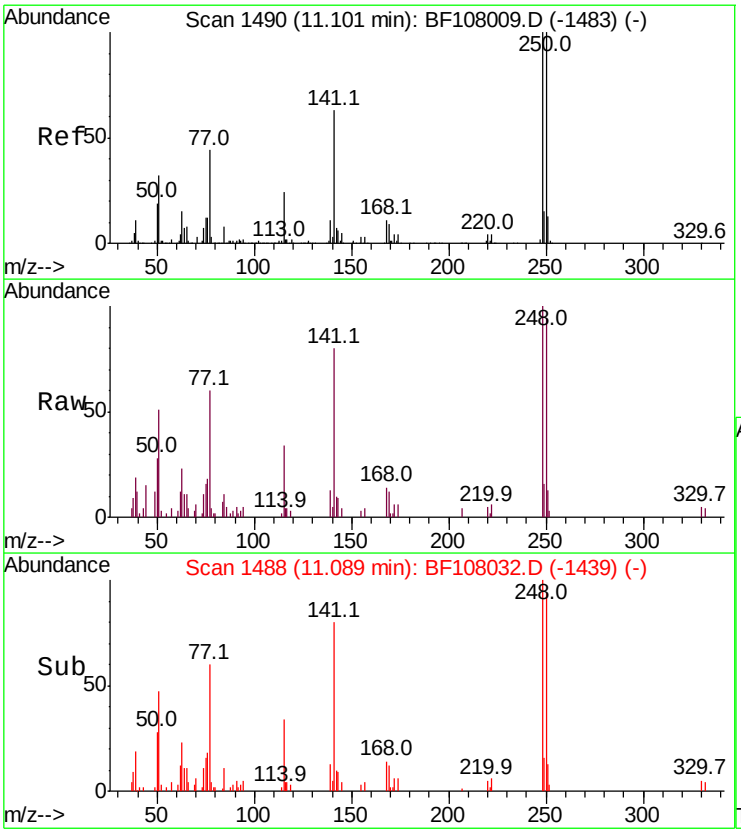
#65
n-Nitrosodiphenylamine
Concen: 1.008 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 36261

Ion	Ratio	Lower	Upper
169	100		
168	62.2	54.4	81.6
167	37.9	29.8	44.6

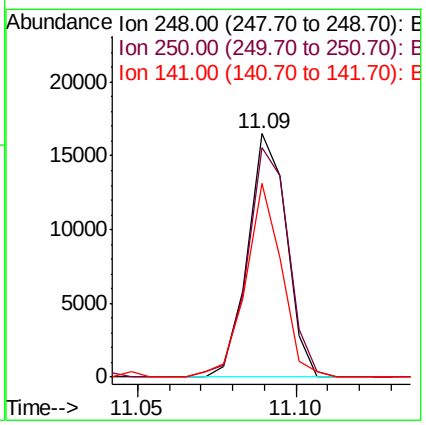


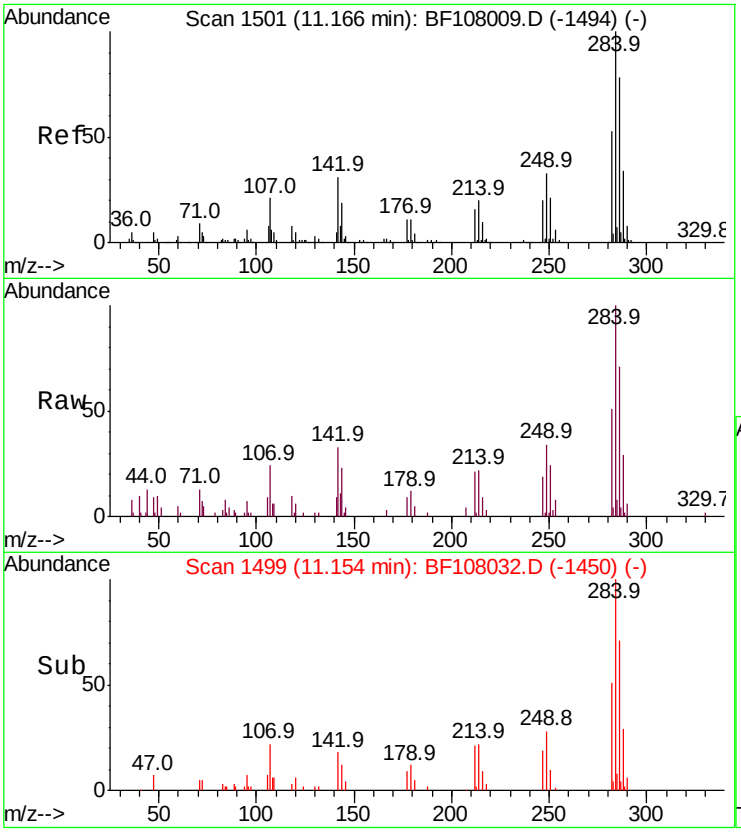


#66
4-Bromophenyl-phenylether
Concen: 1.054 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:248 Resp: 13951

Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.9	115.3
141	79.6	74.4	111.6



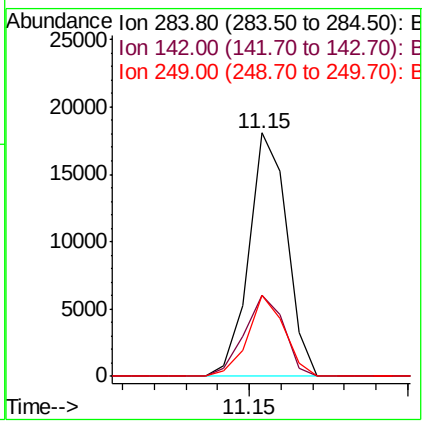


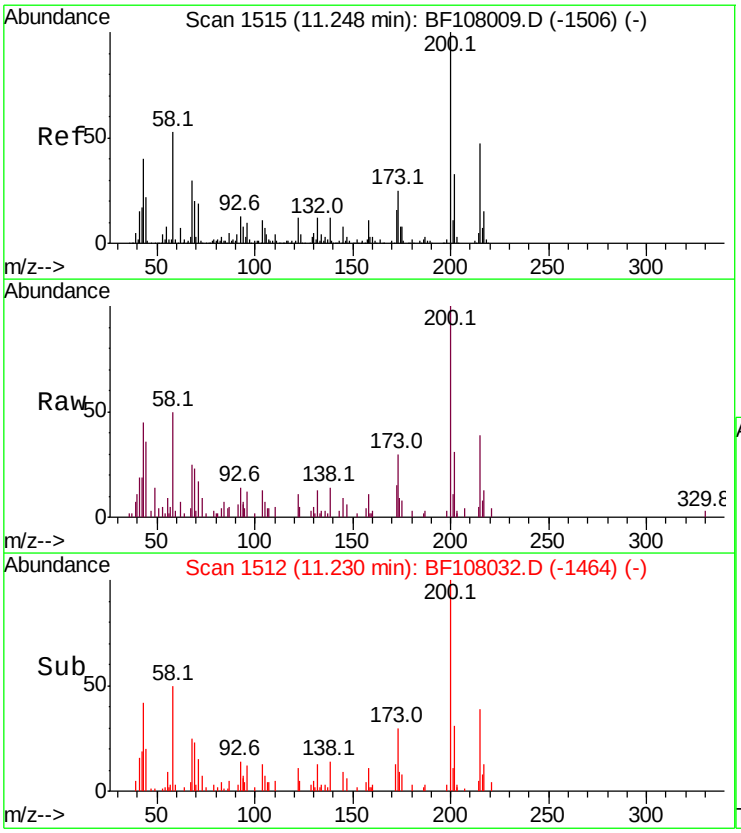
#67
Hexachlorobenzene
Concen: 1.083 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 15083

Ion	Ratio	Lower	Upper
284	100		
142	33.1	34.6	52.0#
249	33.5	24.8	37.2

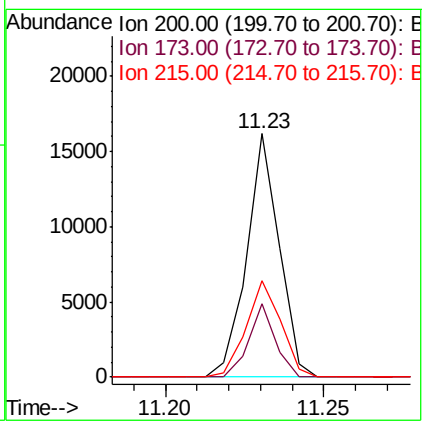


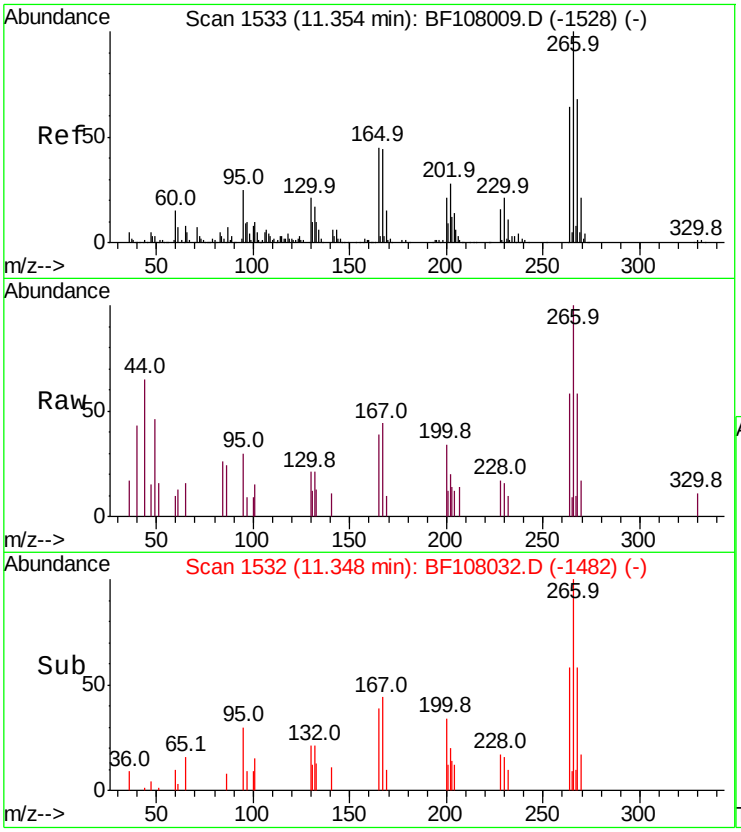


#68
Atrazine
Concen: 0.952 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:200 Resp: 11492

Ion	Ratio	Lower	Upper
200	100		
173	30.4	8.6	48.6
215	39.4	25.1	65.1



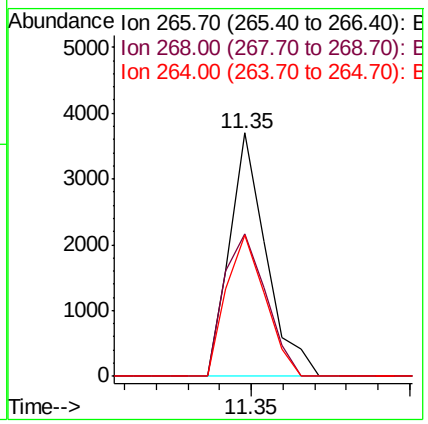


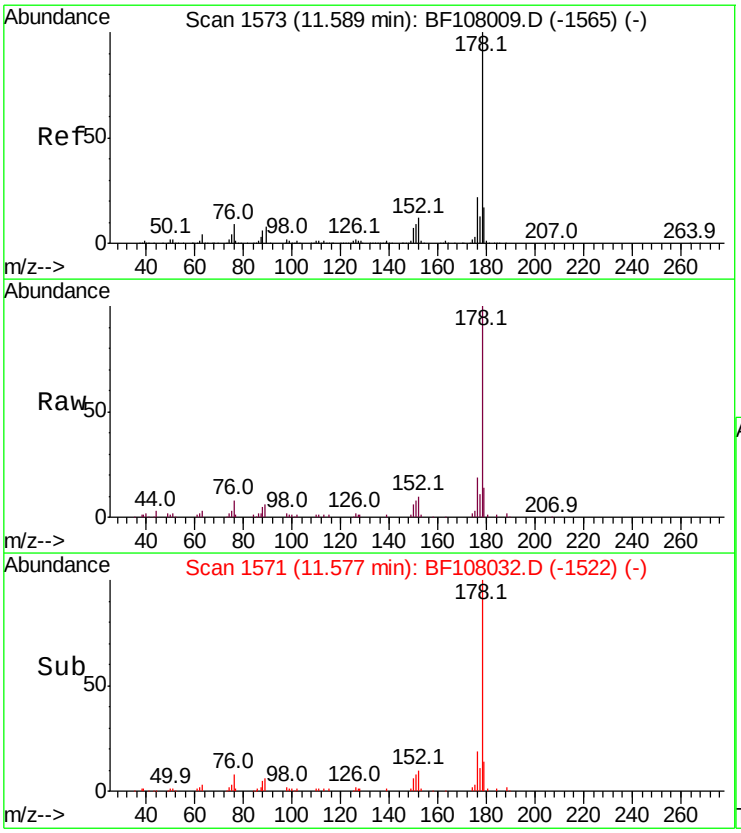
#69
Pentachlorophenol
Concen: 0.443 ng
RT: 11.35 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 2954

Ion	Ratio	Lower	Upper
266	100		
268	58.3	51.1	76.7
264	58.1	49.5	74.3

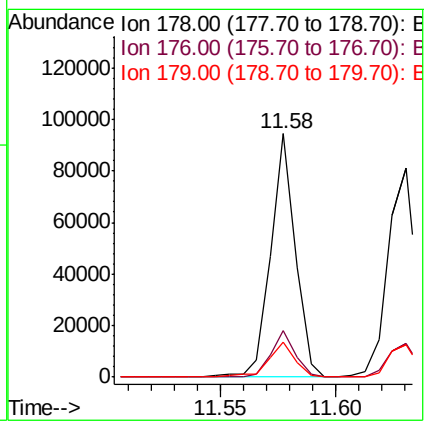


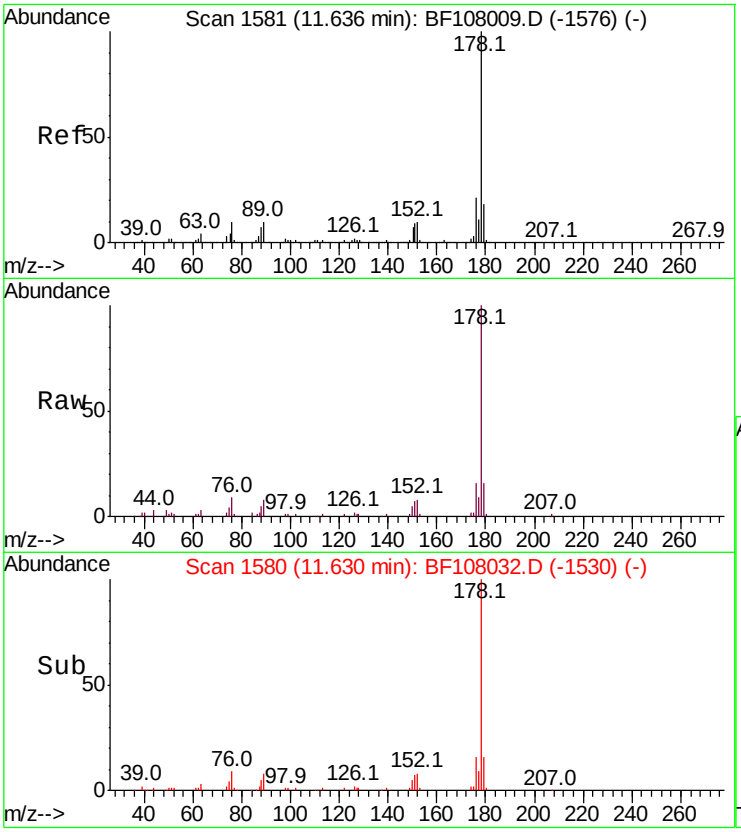


#70
Phenanthrene
Concen: 1.218 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:178 Resp: 69932

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.4	13.0	19.6



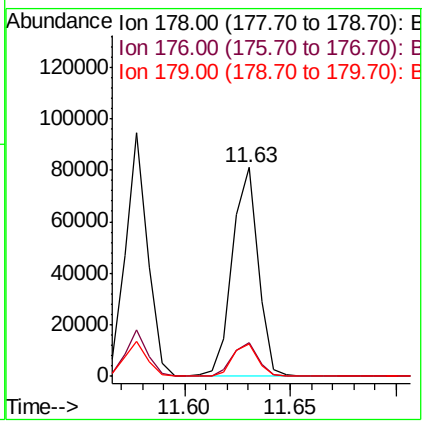


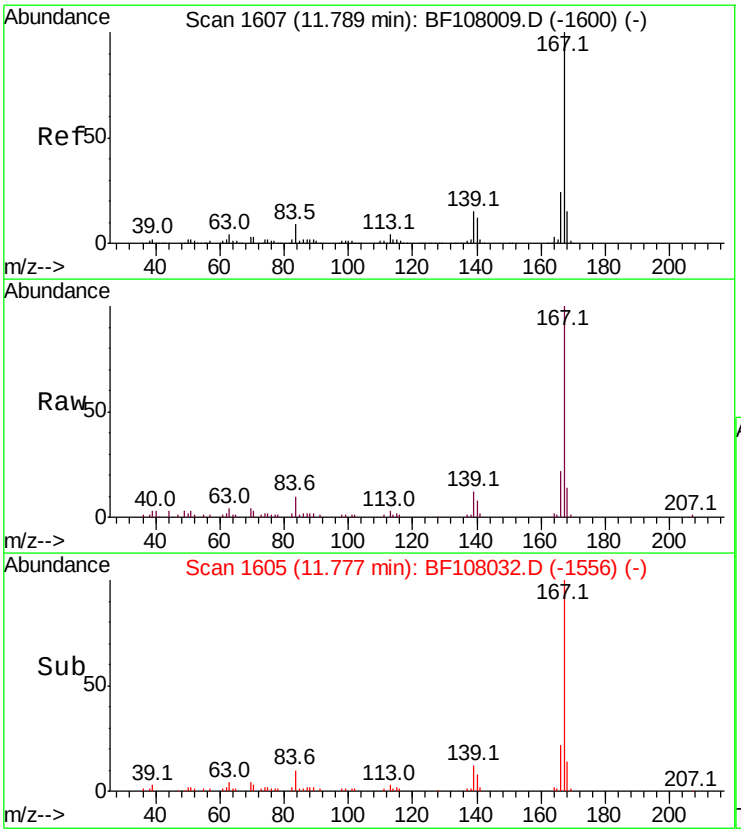
#71
Anthracene
Concen: 1.164 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 68494

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.4	23.2
179	15.7	12.6	19.0

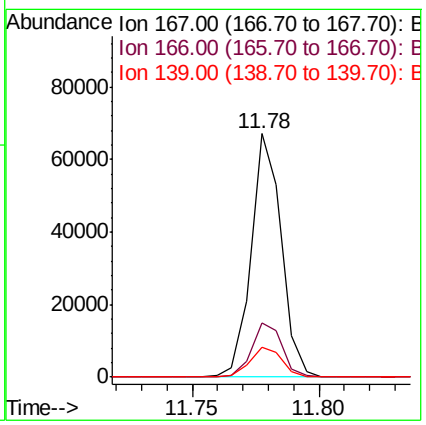


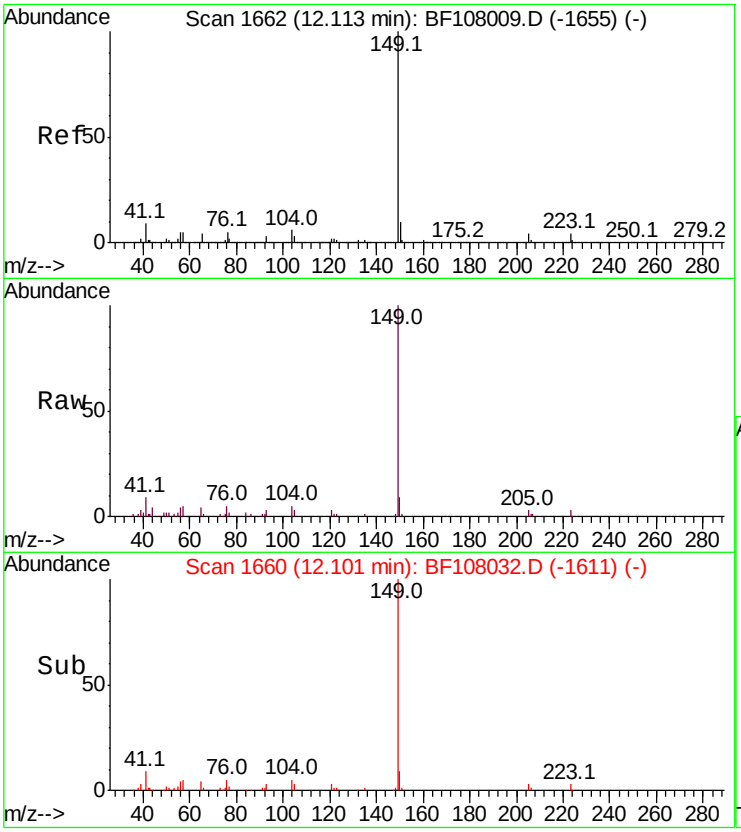


#72
Carbazole
Concen: 1.060 ng
RT: 11.78 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:167 Resp: 55426

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.4	10.9	16.3



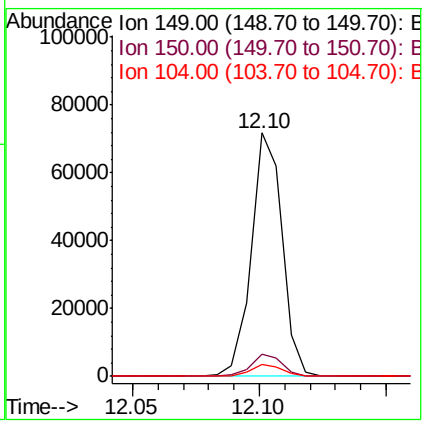


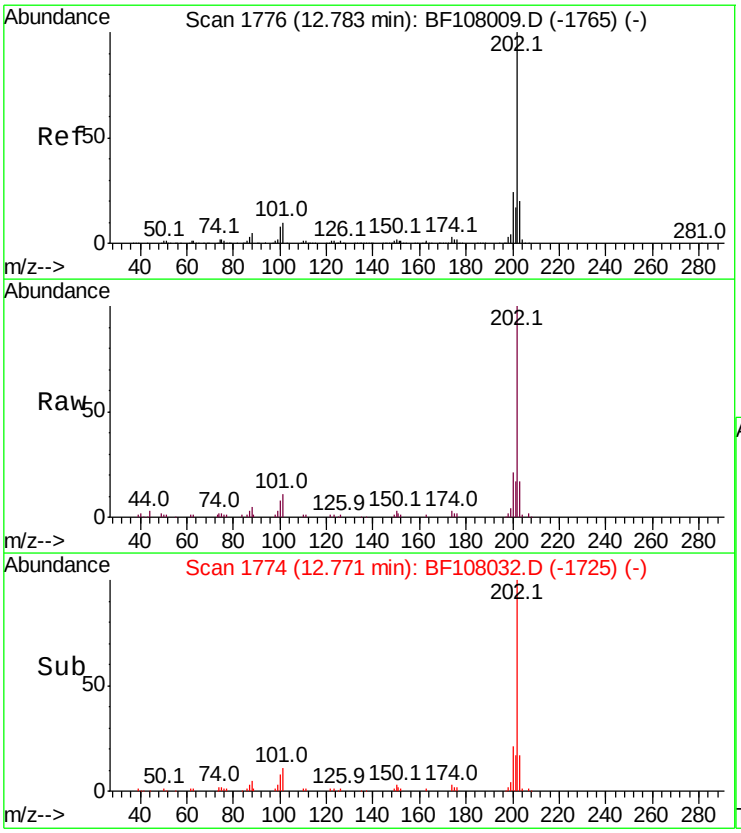
#73
Di-n-butylphthalate
Concen: 1.028 ng
RT: 12.10 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 60923

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.6
104	5.1	3.8	5.8

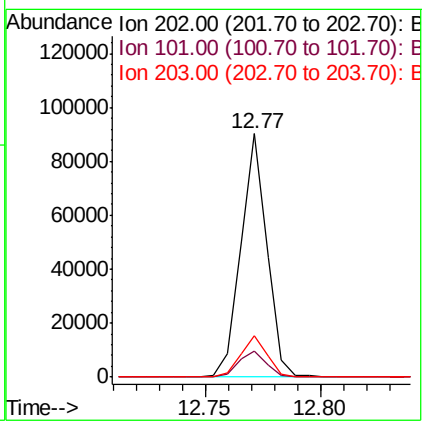


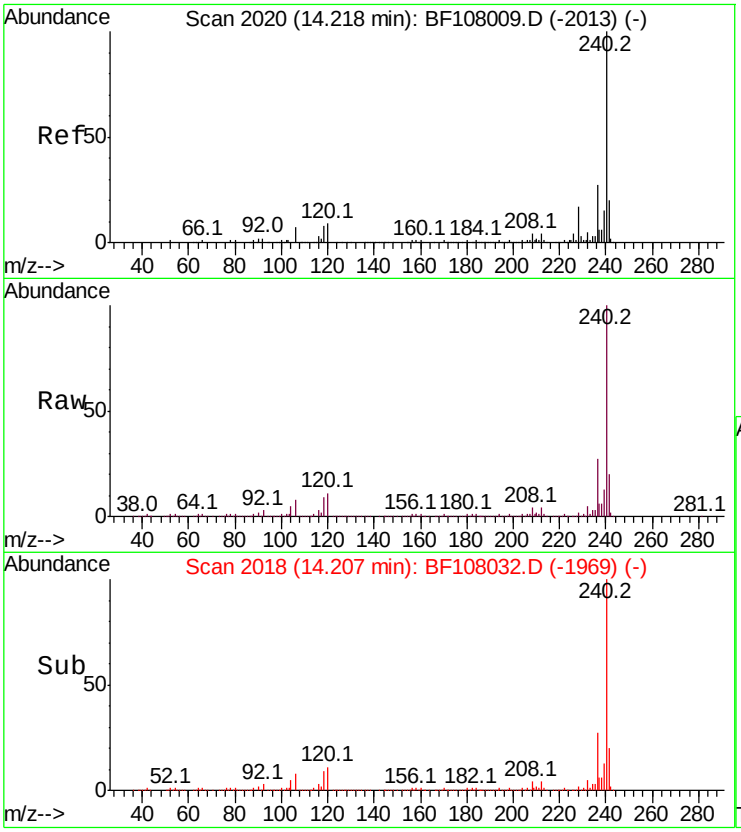


#74
Fluoranthene
Concen: 1.135 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:202 Resp: 71142

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.1	0.0	38.1



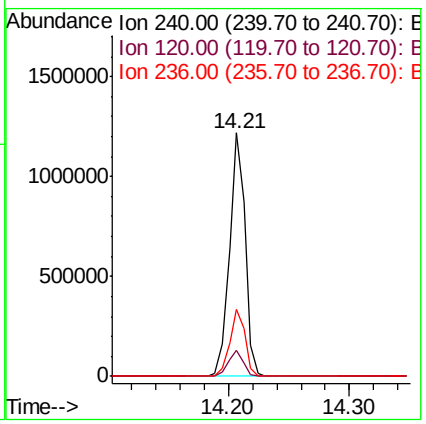


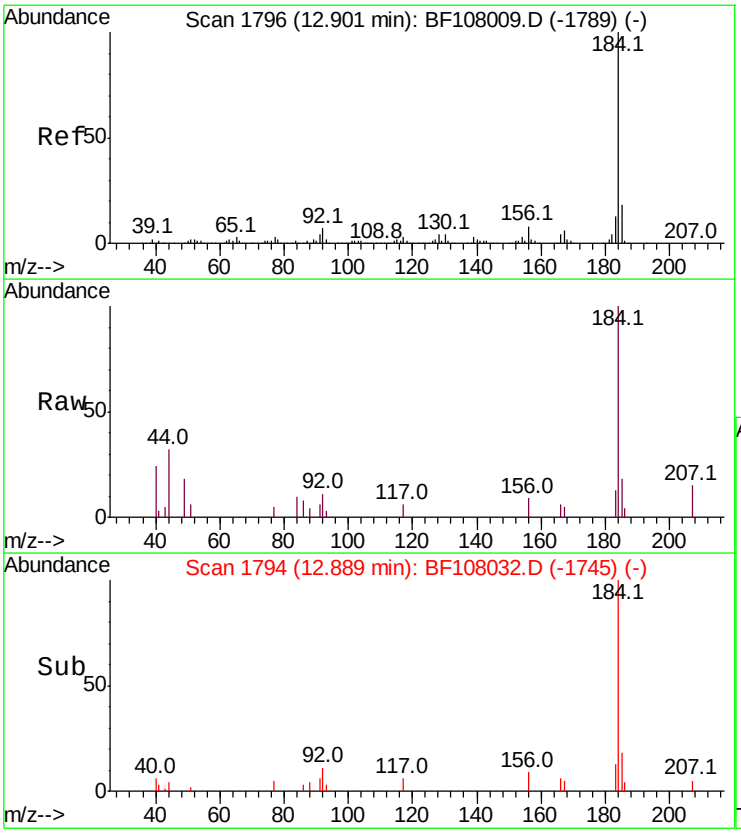
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 1091014

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	27.4	20.7	31.1

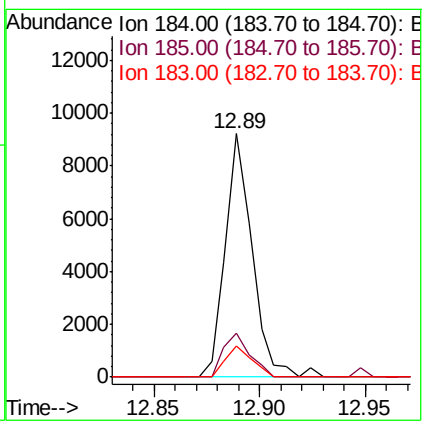


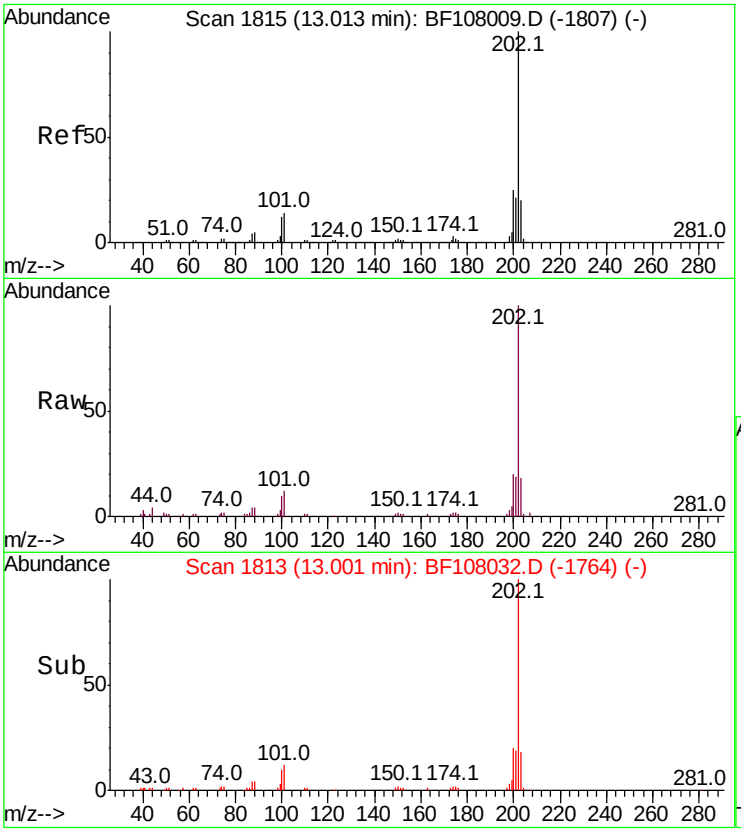


#76
Benzidine
Concen: 0.200 ng
RT: 12.89 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:184 Resp: 8134

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.6	18.8
183	13.0	9.3	13.9



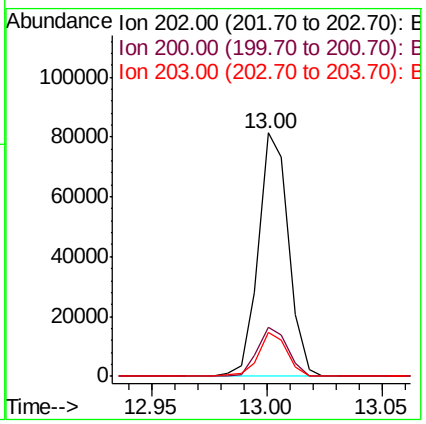


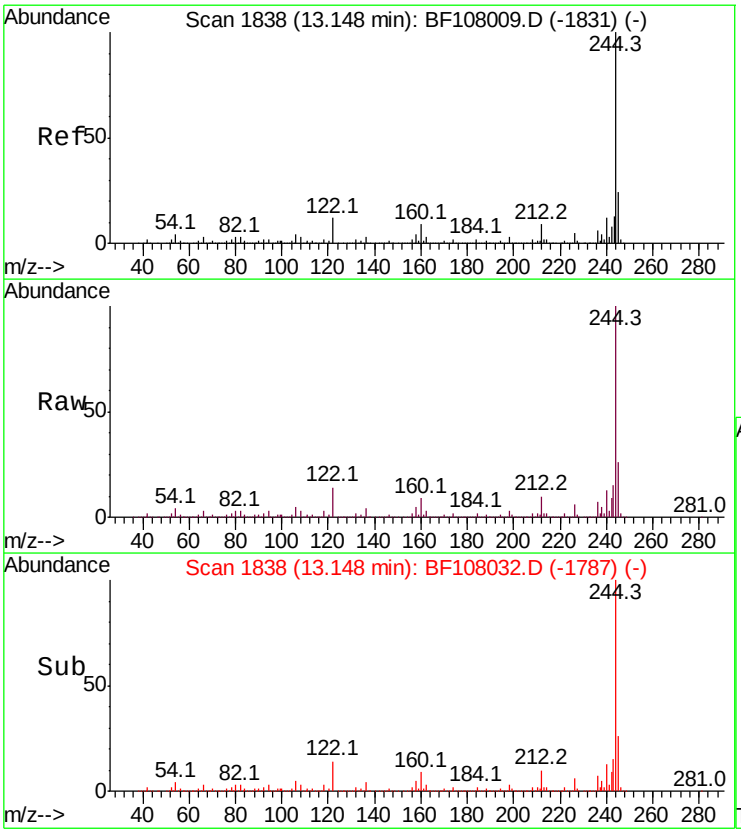
#77
Pyrene
Concen: 1.075 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 74241

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.9	14.3	21.5

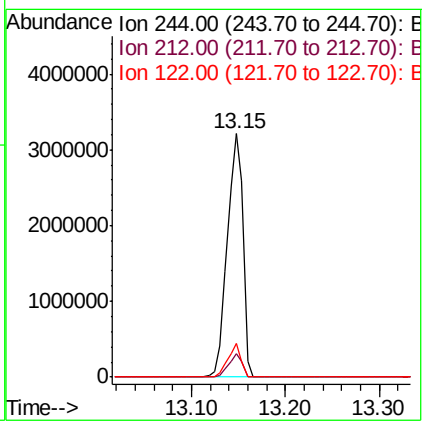


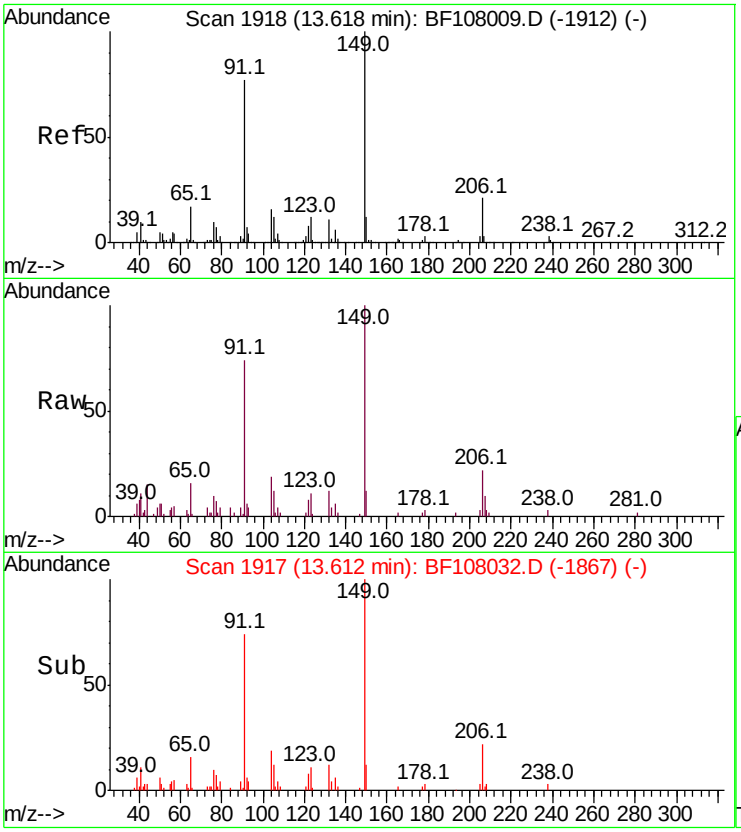


#78
Terphenyl-d14
Concen: 86.140 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:244 Resp: 3696269

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.4	8.0#
122	13.9	11.0	16.4



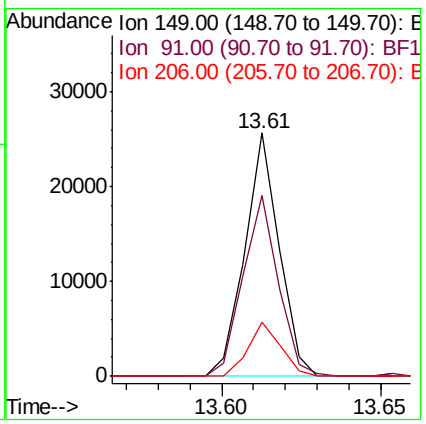


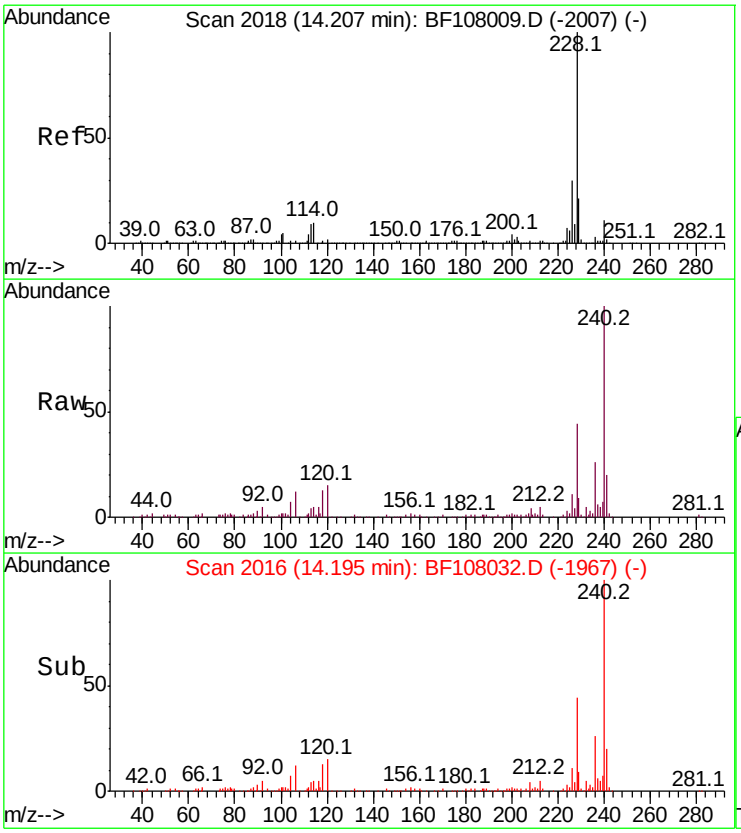
#79
Butylbenzylphthalate
Concen: 0.701 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 19232

Ion	Ratio	Lower	Upper
149	100		
91	74.4	56.8	85.2
206	22.0	14.1	21.1#

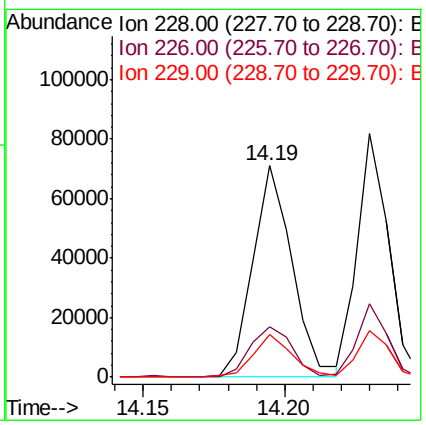


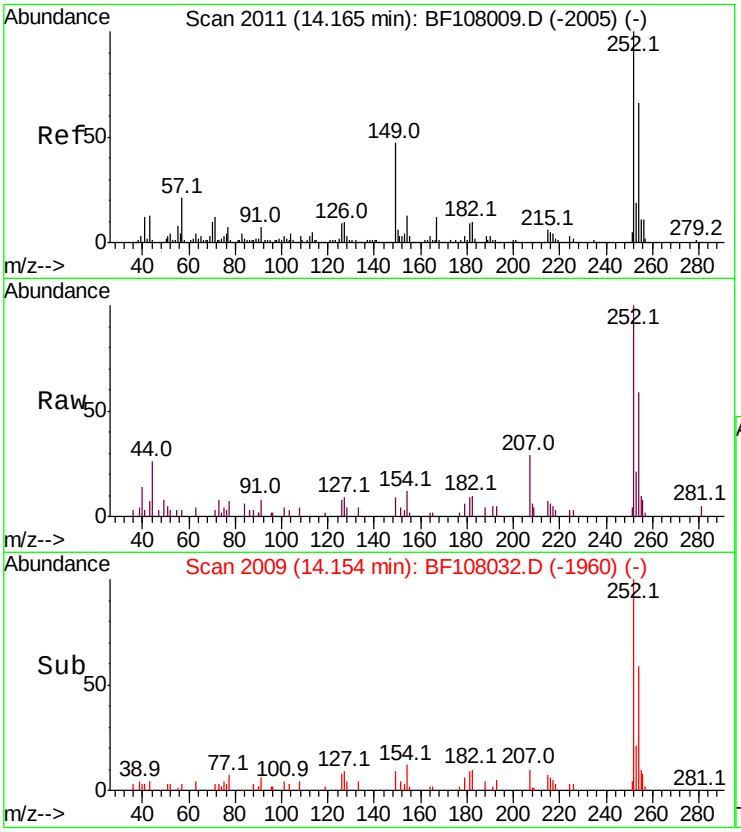


#80
Benzo(a)anthracene
Concen: 1.101 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:228 Resp: 68929

Ion	Ratio	Lower	Upper
228	100		
226	23.7	22.6	33.8
229	20.0	15.8	23.6



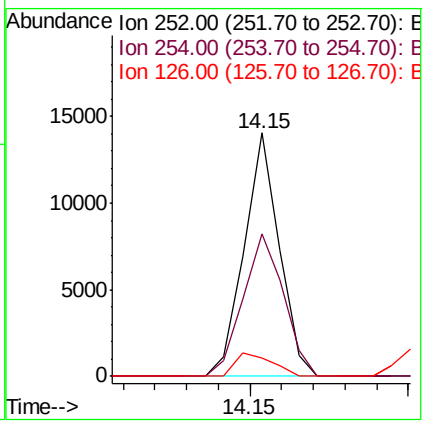


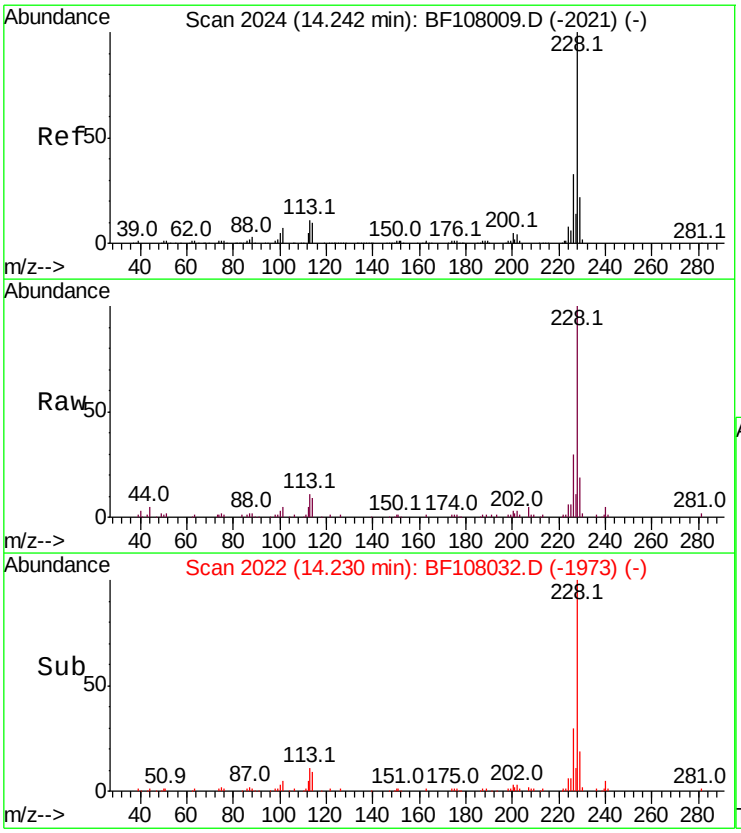
#81
3,3'-Dichlorobenzidine
Concen: 0.480 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 10770

Ion	Ratio	Lower	Upper
252	100		
254	58.5	50.4	75.6
126	7.5	11.3	16.9#

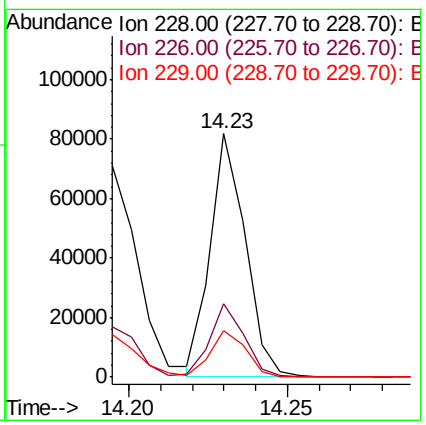


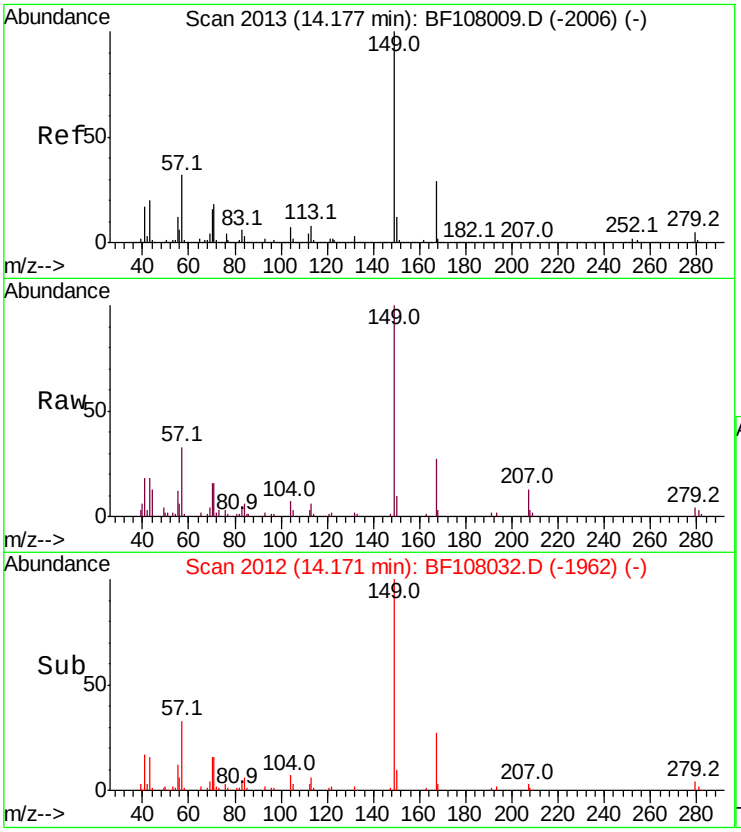


#82
Chrysene
Concen: 1.098 ng
RT: 14.23 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:228 Resp: 63051

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4



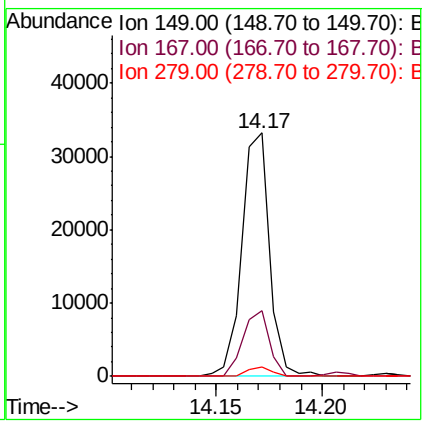


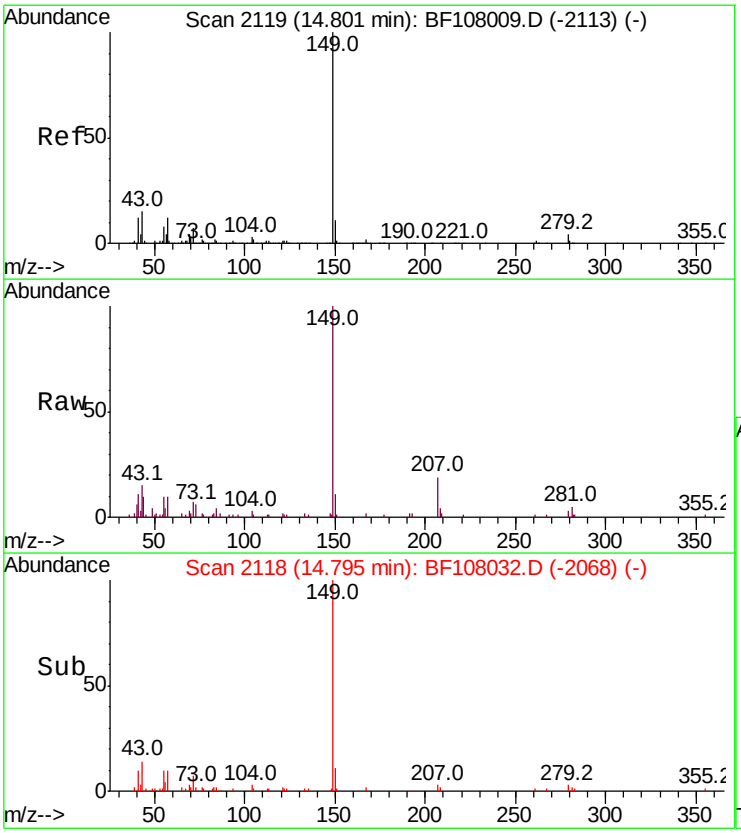
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.810 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 30097

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.1	3.0	4.4

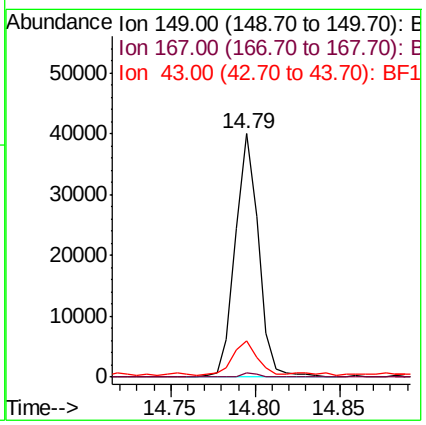


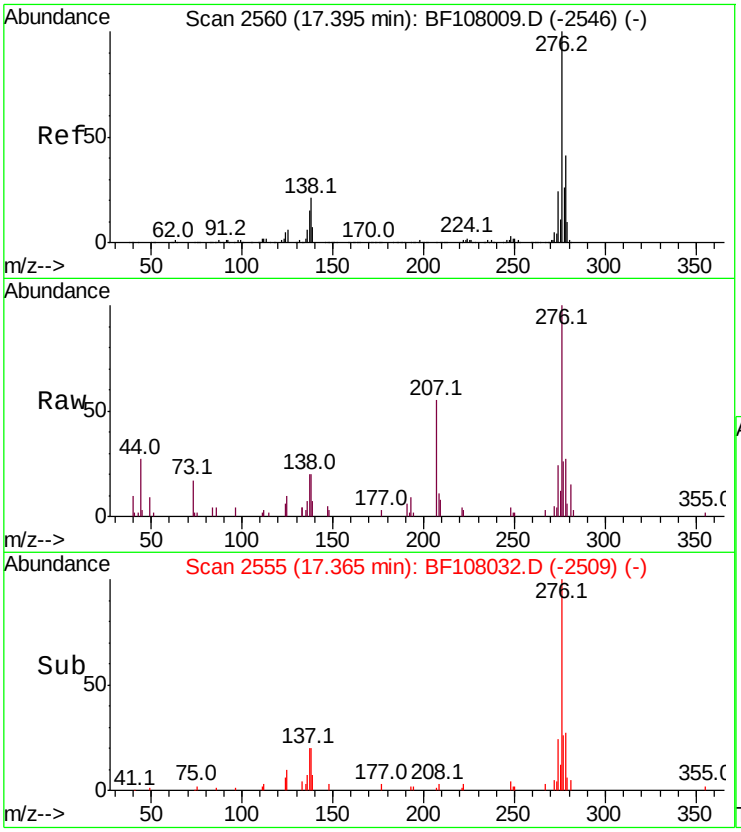


#84
Di-n-octyl phthalate
Concen: 0.677 ng
RT: 14.79 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:149 Resp: 38377

Ion	Ratio	Lower	Upper
149	100		
167	1.1	1.2	1.8#
43	14.3	8.4	12.6#



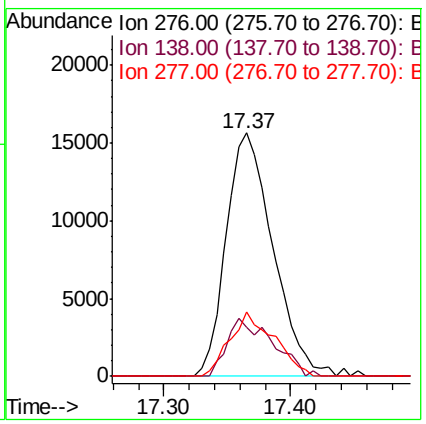


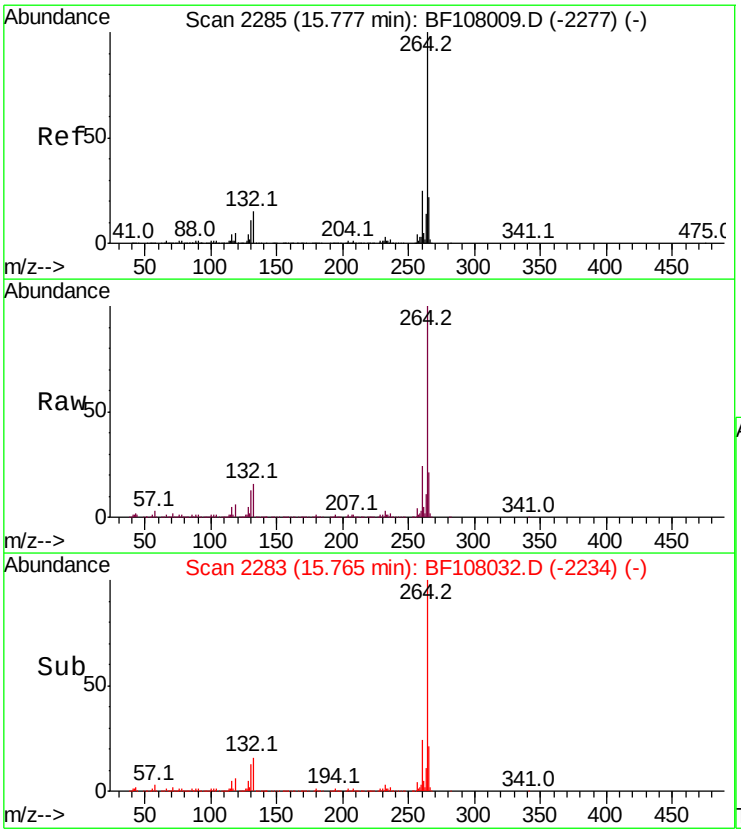
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.804 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39991

Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	25.1	20.1	30.1

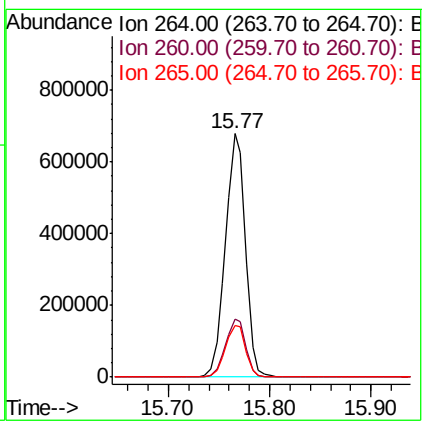


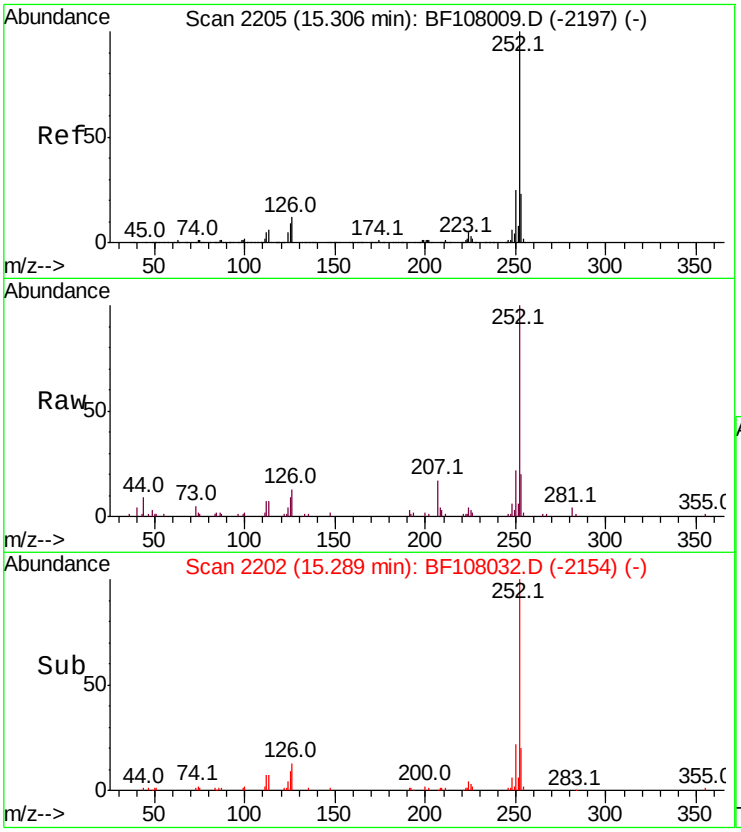


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:264 Resp: 928216

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3



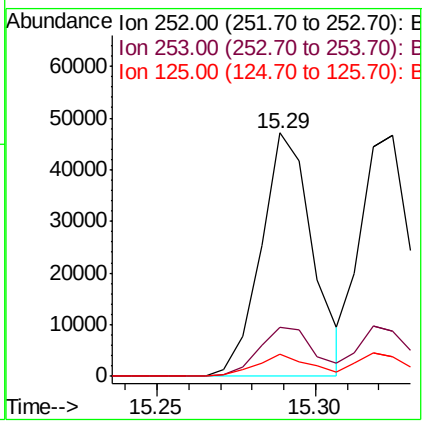


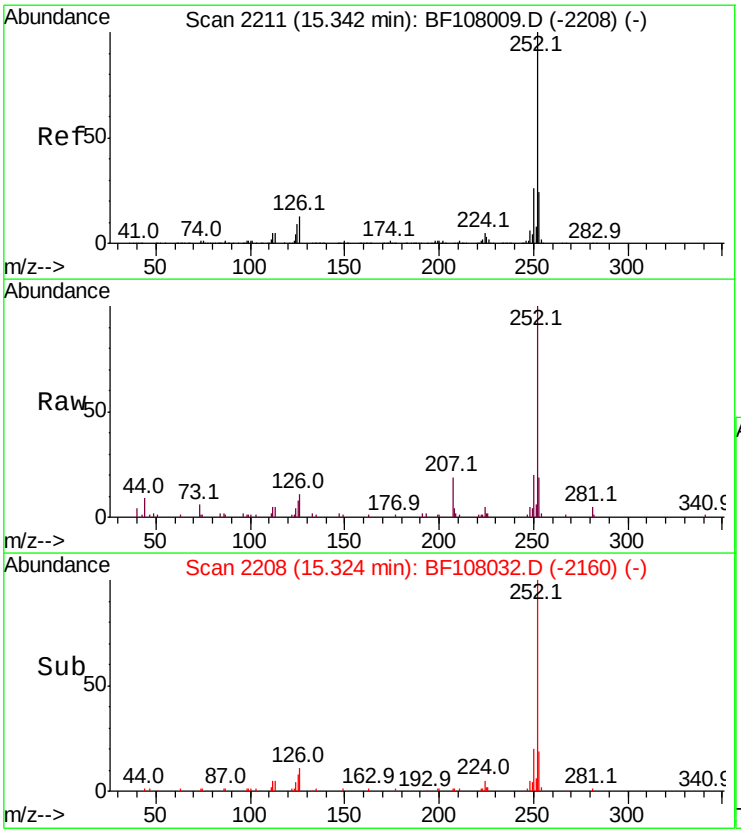
#87
Benzo(b)fluoranthene
Concen: 0.966 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53577

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.0	25.6
125	9.3	9.0	13.6

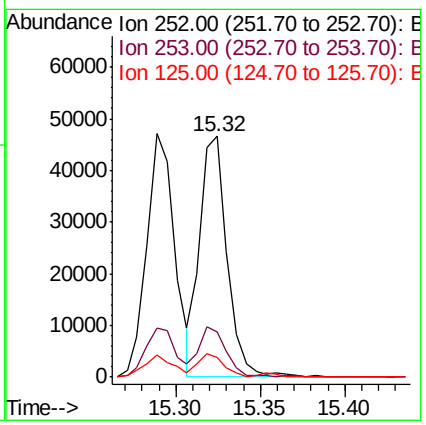


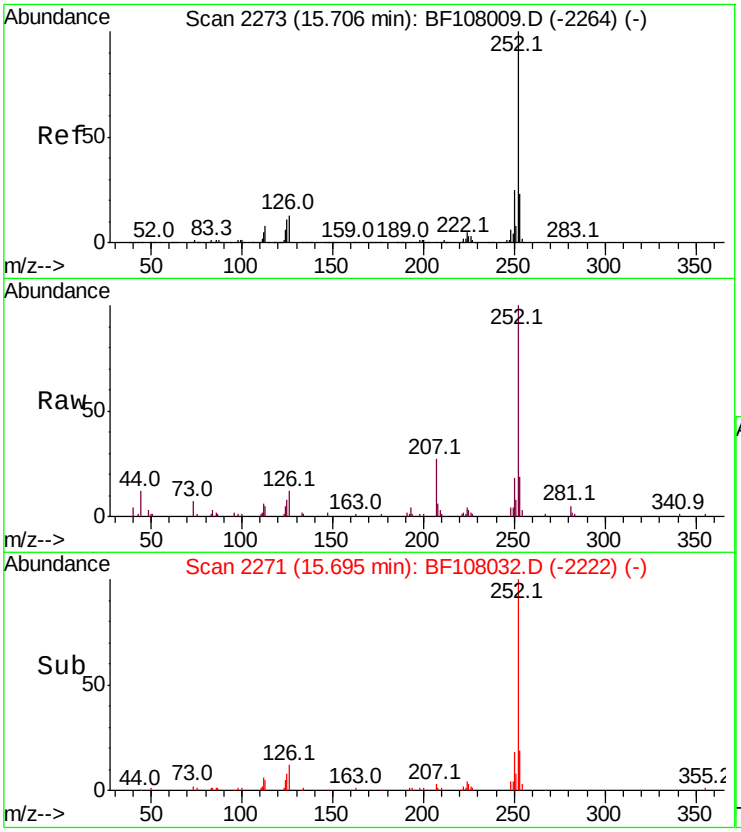


#88
Benzo(k)fluoranthene
Concen: 1.038 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:252 Resp: 52914

Ion	Ratio	Lower	Upper
252	100		
253	19.0	17.9	26.9
125	8.1	10.2	15.2#



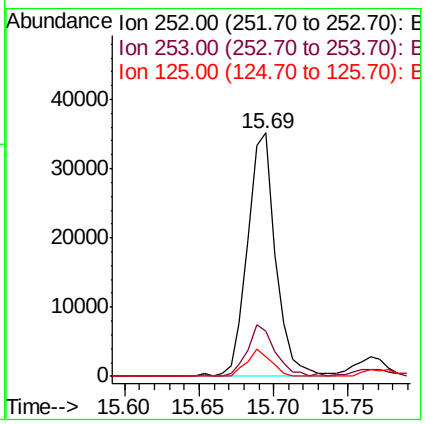


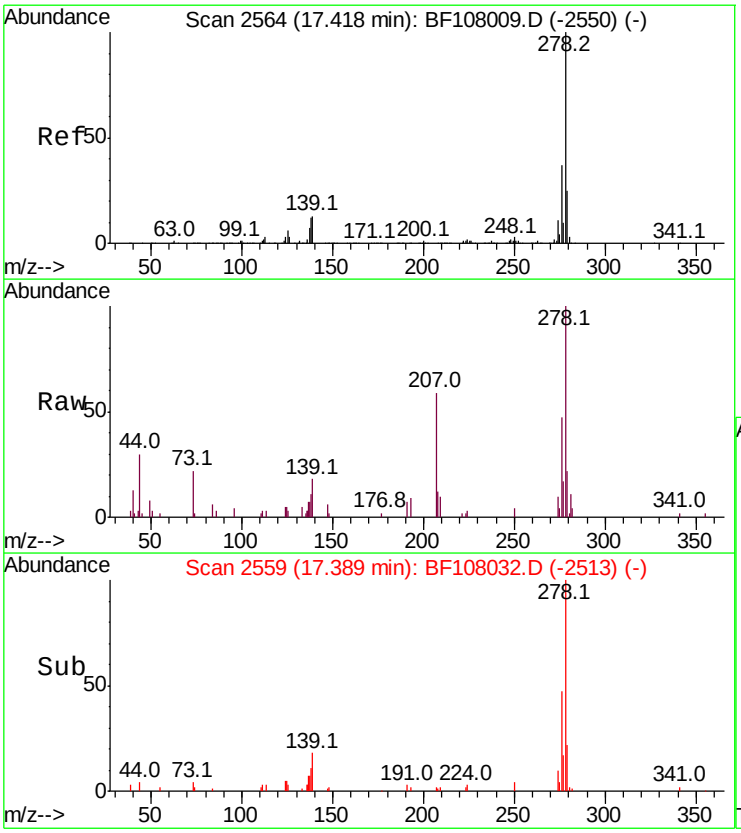
#89
Benzo(a)pyrene
Concen: 0.923 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45835

Ion	Ratio	Lower	Upper
252	100		
253	18.7	17.1	25.7
125	8.1	9.8	14.6#

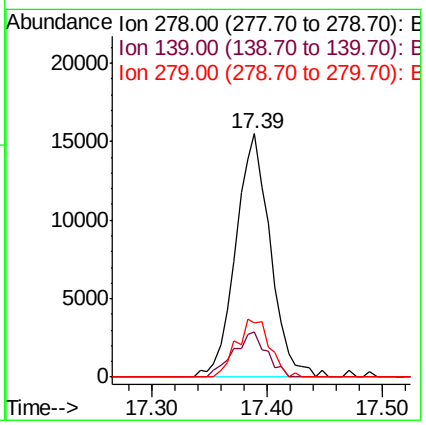


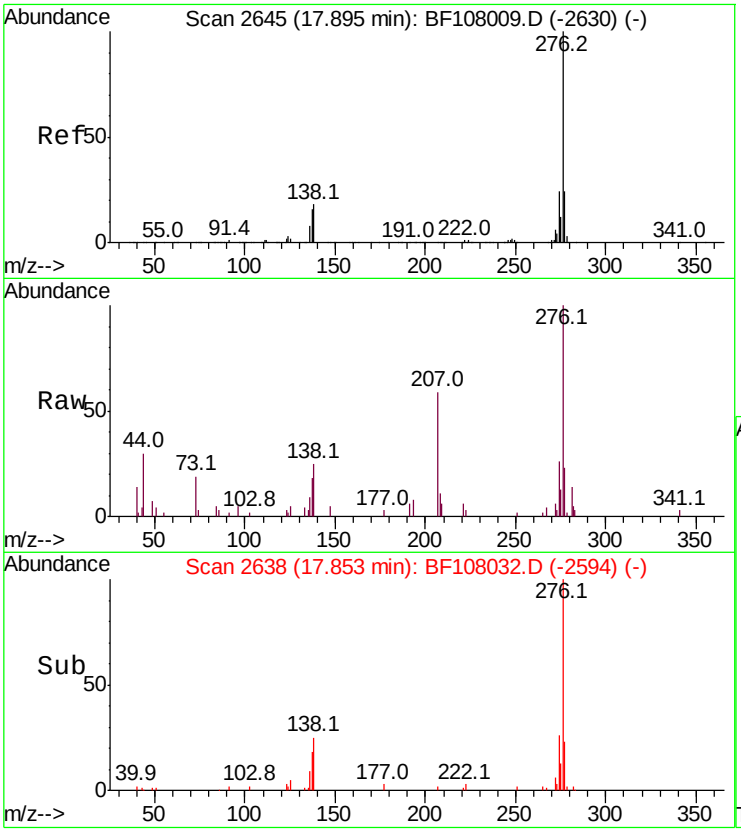


#90
Dibenzo(a,h)anthracene
Concen: 0.786 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:278 Resp: 32299

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	22.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 0.795 ng
RT: 17.85 min Scan# 2638
Delta R.T. -0.04 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32176

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	25.5	21.8	32.8