Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108356.D
Acq On : 21 Aug 2018 23:52
Operator : JU/SJ
Sample : J4521-01MSD 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2286MSD

Quant Time: Aug 22 00:59:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	162623	20.00	ng		-0.01
21) Naphthalene-d8	8.29	136	617274	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	289083	20.00	ng		-0.02
63) Phenanthrene-d10	11.54	188	471071	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	361598	20.00	ng		-0.02
86) Perylene-d12	15.75	264	321319	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	85736	9.54	ng		-0.01
7) Phenol-d6	6.61	99	117103	9.81	ng		-0.02
23) Nitrobenzene-d5	7.56	82	72282	6.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	22476	7.79	ng		-0.02
44) 2-Fluorobiphenyl	9.36	172	143523	7.97	ng		-0.02
78) Terphenyl-d14	13.12	244	104185	7.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	12216	2.647	ng		98
3) Pyridine	3.70	79	28144	2.367	ng	#	82
4) n-Nitrosodimethylamine	3.63	42	16849	2.518	ng	#	77
8) 2-Chlorophenol	6.78	128	32796	3.242	ng		94
10) Phenol	6.63	94	38872	3.148	ng		95
11) bis(2-Chloroethyl)ether	6.73	93	31345	3.140	ng		97
12) 1,3-Dichlorobenzene	6.94	146	35951	3.073	ng		97
13) 1,4-Dichlorobenzene	7.02	146	35780	3.044	ng		98
14) 1,2-Dichlorobenzene	7.17	146	35140	3.214	ng		99
15) Benzyl Alcohol	7.14	79	28392	2.825	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	60566	2.945	ng		98
17) 2-Methylphenol	7.24	107	27359	3.154	ng		95
18) Hexachloroethane	7.51	117	10316	2.465	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	24062	2.981	ng		90
20) 3+4-Methylphenols	7.39	107	34476	3.101	ng		90
22) Acetophenone	7.40	105	48133	3.335	ng	#	90
24) Nitrobenzene	7.58	77	34676	3.100	ng		95
25) Isophorone	7.81	82	63948	3.033	ng		95
26) 2-Nitrophenol	7.90	139	12368	2.928	ng		98
27) 2,4-Dimethylphenol	7.92	122	28773	3.075	ng		100
28) bis(2-Chloroethoxy)methane	8.02	93	38488	3.127	ng		99
29) 2,4-Dichlorophenol	8.14	162	26096	3.030	ng		100
30) 1,2,4-Trichlorobenzene	8.22	180	29893	3.148	ng		97
31) Naphthalene	8.31	128	104422	3.720	ng		98
34) Hexachlorobutadiene	8.42	225	19542	3.251	ng		98
35) Caprolactam	8.68	113	7297	2.704	ng	#	85
36) 4-Chloro-3-methylphenol	8.82	107	26809	2.886	ng		99
37) 2-Methylnaphthalene	9.00	142	68948	3.471	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	31760	3.578	ng	#	96
42) 2,4,6-Trichlorophenol	9.28	196	18365	3.334	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	18726	3.088	ng		94
45) 1,1'-Biphenyl	9.46	154	79072	3.710	ng		97
46) 2-Chloronaphthalene	9.49	162	57385	3.406	ng		97
47) 2-Nitroaniline	9.58	65	18087	3.318	ng		83

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Acq On : 21 Aug 2018 23:52
Operator : JU/SJ
Sample : J4521-01MSD 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2286MSD

Quant Time: Aug 22 00:59:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.91	152	89292	3.353	ng		99
49) Dimethylphthalate	9.75	163	83220	4.133	ng		98
50) 2,6-Dinitrotoluene	9.82	165	12086	2.869	ng	#	83
51) Acenaphthene	10.08	154	60190	3.690	ng		98
52) 3-Nitroaniline	10.00	138	11916	2.585	ng		88
54) Dibenzofuran	10.25	168	90732	3.839	ng		98
55) 4-Nitrophenol	10.15	139	13385	3.835	ng		90
56) 2,4-Dinitrotoluene	10.22	165	13784	2.542	ng	#	89
57) Fluorene	10.60	166	77432	4.139	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	12211	2.409	ng	#	84
59) Diethylphthalate	10.45	149	65951	3.382	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	30488	3.128	ng		93
61) 4-Nitroaniline	10.60	138	12643	2.774	ng		91
62) Azobenzene	10.74	77	59366	2.948	ng		95
65) n-Nitrosodiphenylamine	10.70	169	55012	3.952	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	18206	3.556	ng	#	86
67) Hexachlorobenzene	11.15	284	17938	3.330	ng	#	85
68) Atrazine	11.22	200	16901	3.620	ng		96
69) Pentachlorophenol	11.34	266	7115	2.760	ng		93
70) Phenanthrene	11.57	178	196563	8.847	ng		99
71) Anthracene	11.62	178	119279	5.238	ng		98
72) Carbazole	11.77	167	70405	3.480	ng		96
73) Di-n-butylphthalate	12.09	149	91877	4.009	ng		99
74) Fluoranthene	12.77	202	202707	8.359	ng		93
76) Benzidine	12.88	184	27107	2.006	ng		98
77) Pyrene	13.00	202	183859	8.031	ng		99
79) Butylbenzylphthalate	13.59	149	28622	3.149	ng		97
80) Benzo(a)anthracene	14.18	228	121155	5.838	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	18923	2.544	ng		95
82) Chrysene	14.22	228	107338	5.642	ng		97
83) Bis(2-ethylhexyl)phthalate	14.15	149	43762	3.555	ng		98
84) Di-n-octyl phthalate	14.77	149	72414	3.857	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.35	276	60941	3.697	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	119509	6.224	ng		98
88) Benzo(k)fluoranthene	15.31	252	70554	3.997	ng	#	97
89) Benzo(a)pyrene	15.68	252	91046	5.295	ng		96
90) Dibenzo(a,h)anthracene	17.37	278	43305	3.044	ng		96
91) Benzo(g,h,i)perylene	17.85	276	49603	3.541	ng	#	90

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

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Instrument :
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Quant Time: Aug 22 00:59:47 2018
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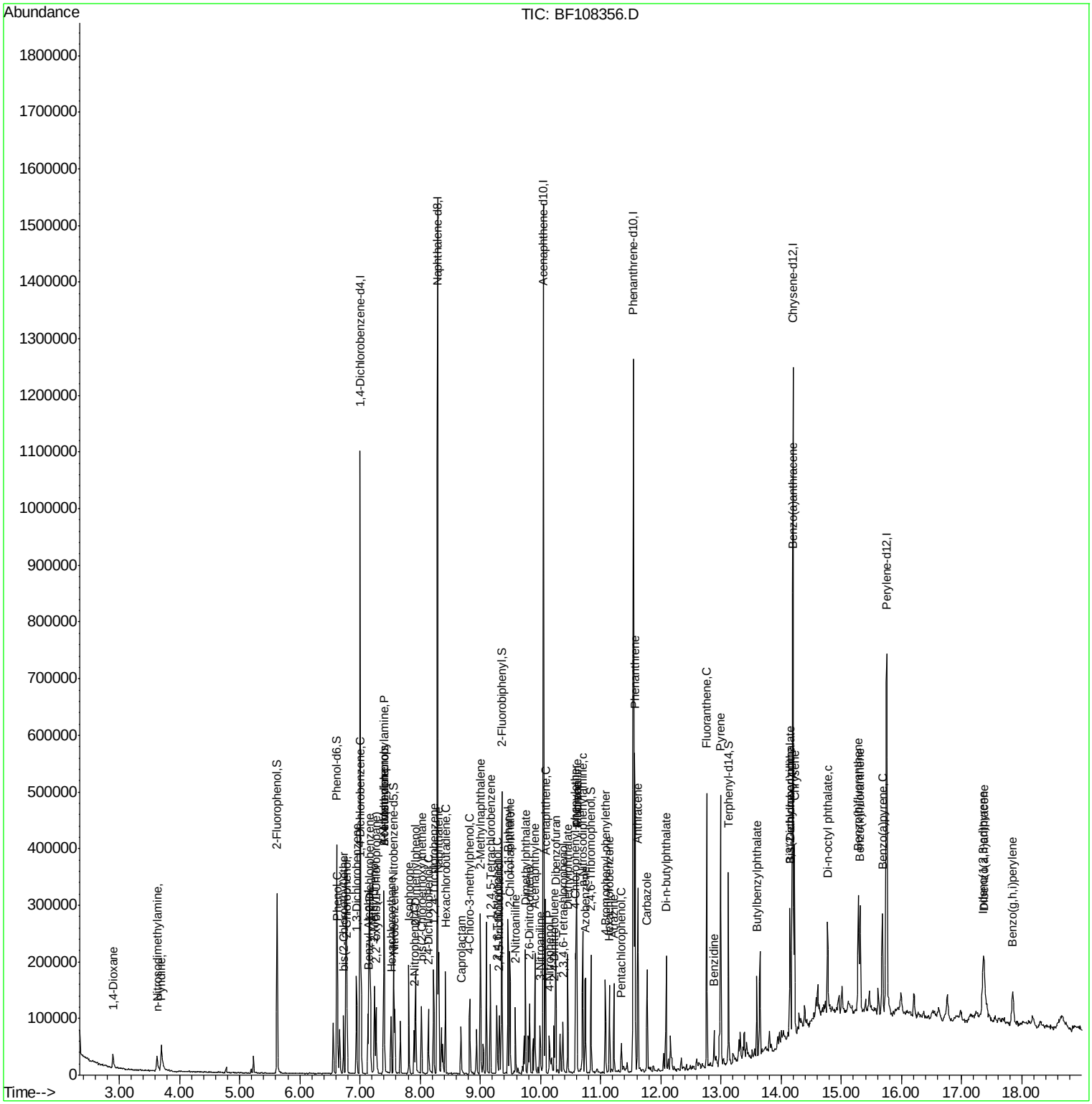
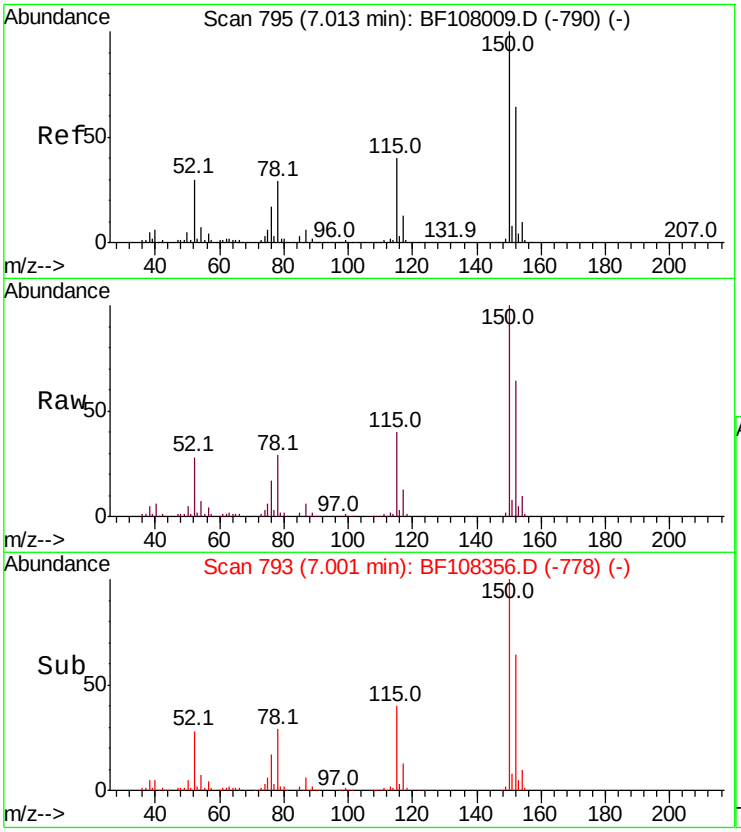


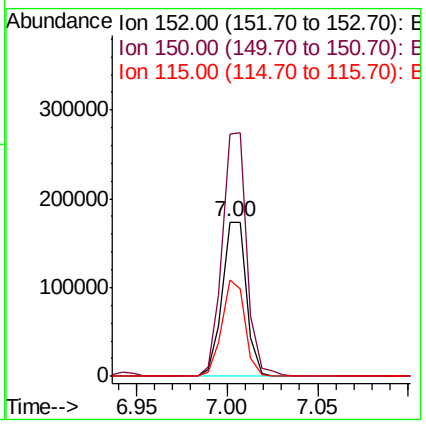


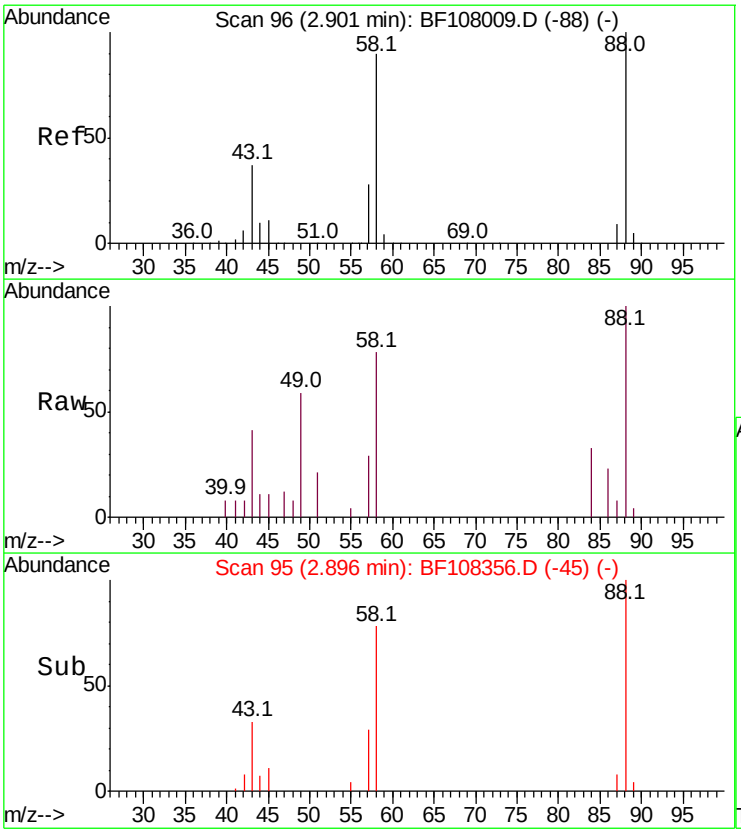
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:152 Resp: 162623

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	62.6	50.1	75.1

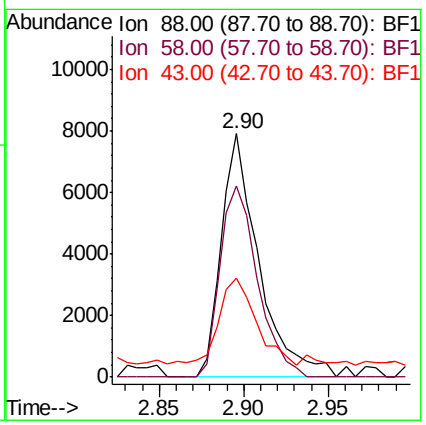


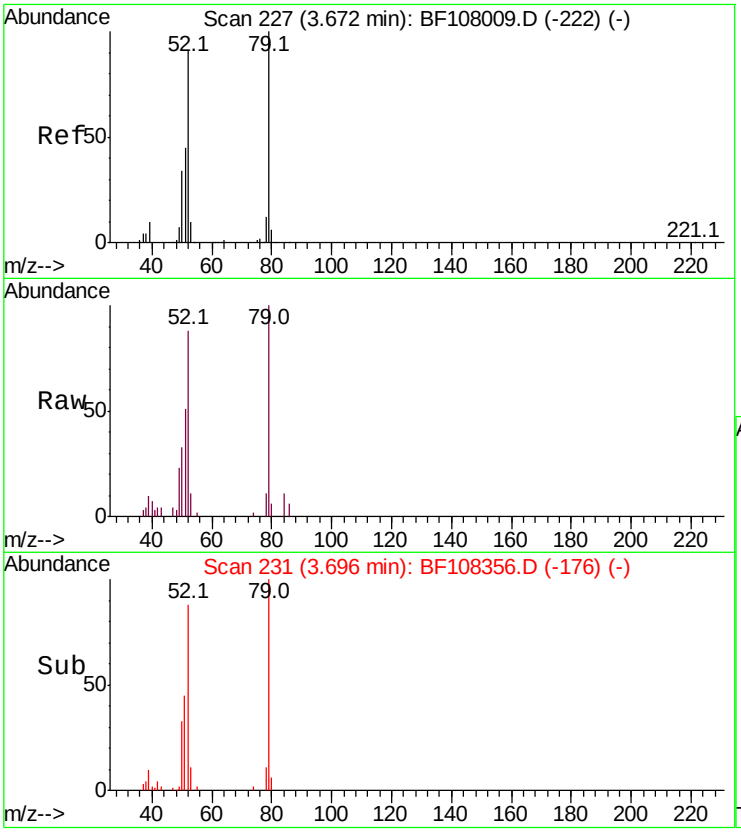


#2
1,4-Dioxane
Concen: 2.647 ng
RT: 2.90 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 88 Resp: 12216

Ion	Ratio	Lower	Upper
88	100		
58	78.5	62.6	93.8
43	34.7	24.6	37.0



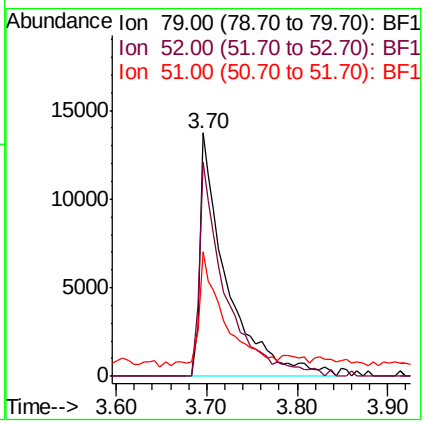


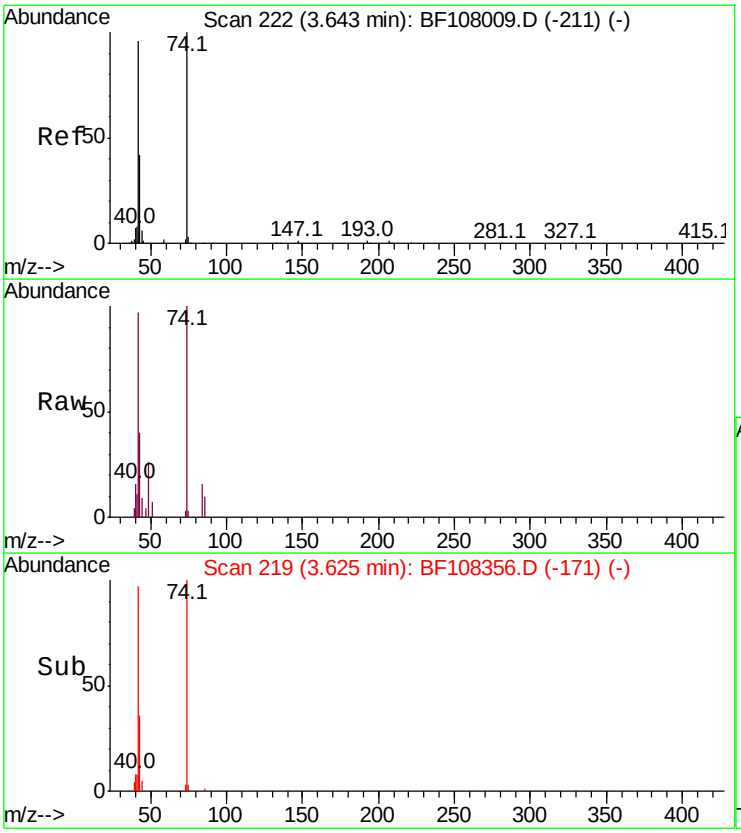
#3
Pyridine
Concen: 2.367 ng
RT: 3.70 min Scan# 231
Delta R.T. 0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 79 Resp: 28144

Ion	Ratio	Lower	Upper
79	100		
52	87.9	59.8	89.6
51	51.3	29.8	44.8#

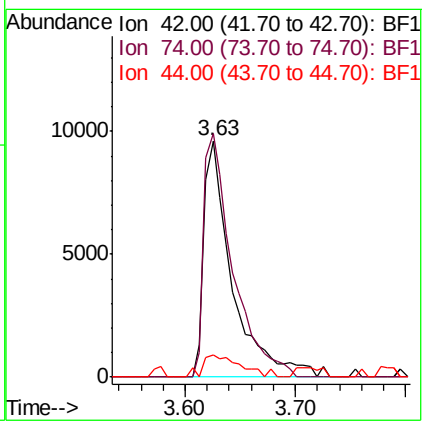


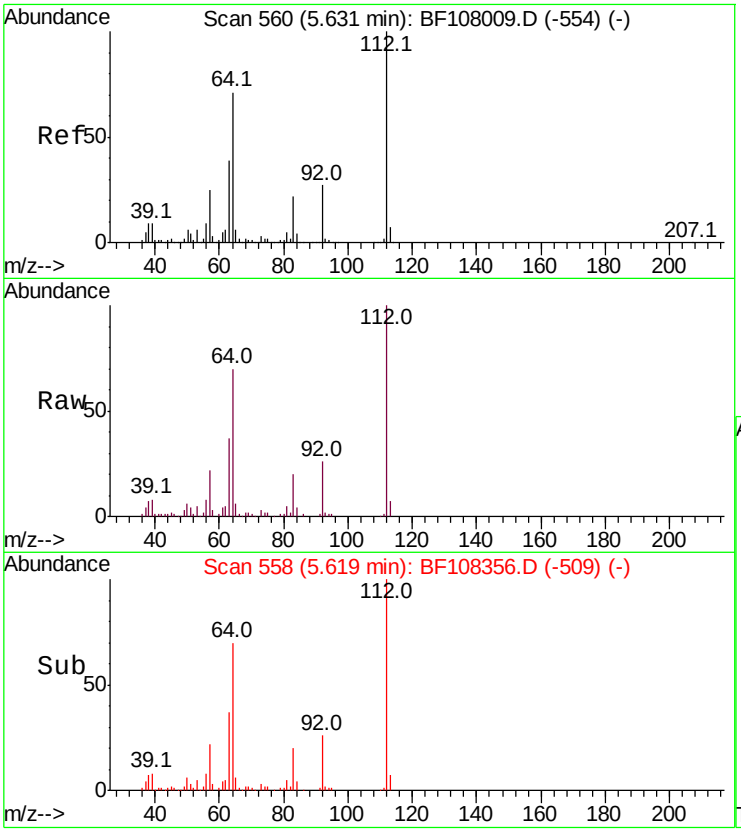


#4
n-Nitrosodimethylamine
Concen: 2.518 ng
RT: 3.63 min Scan# 219
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 42 Resp: 16849

Ion	Ratio	Lower	Upper
42	100		
74	103.0	104.9	157.3#
44	9.2	6.9	10.3



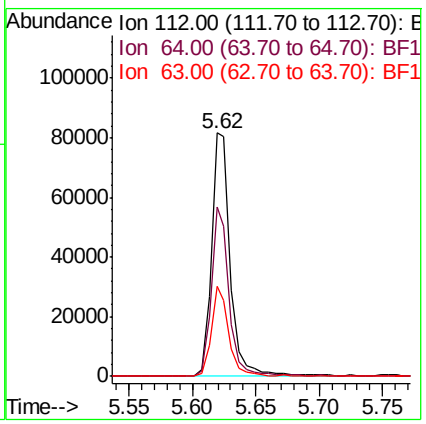


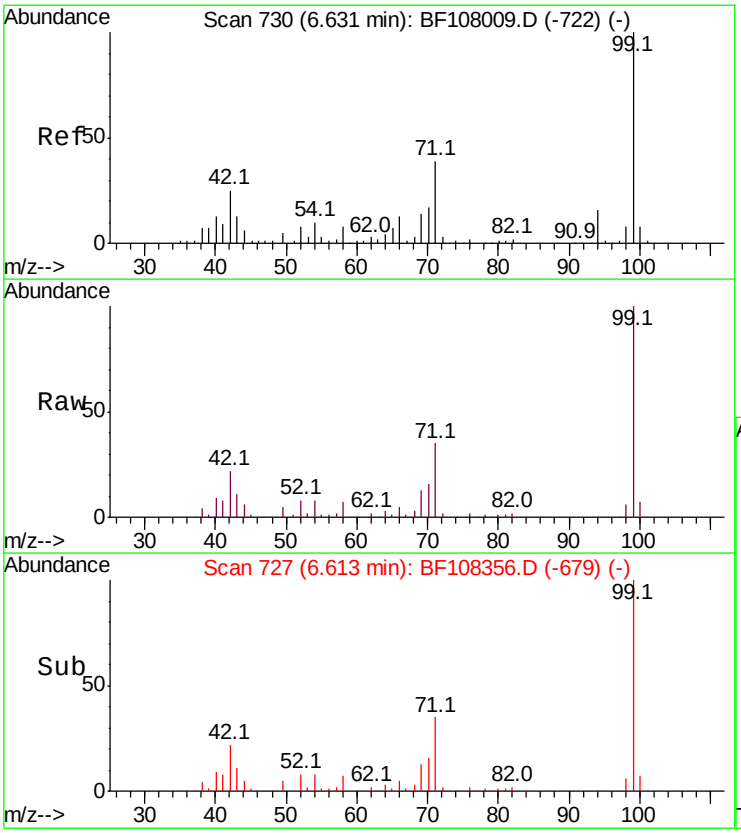
#5
2-Fluorophenol
Concen: 9.545 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:112 Resp: 85736

Ion	Ratio	Lower	Upper
112	100		
64	69.7	47.9	71.9
63	37.1	23.7	35.5#

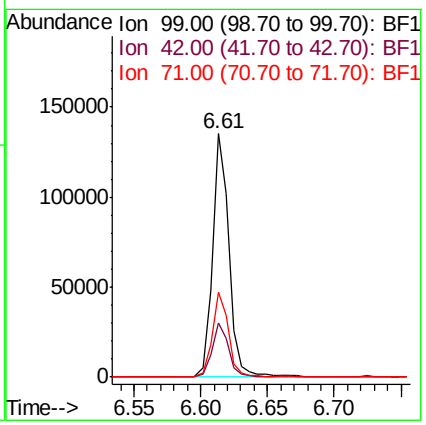


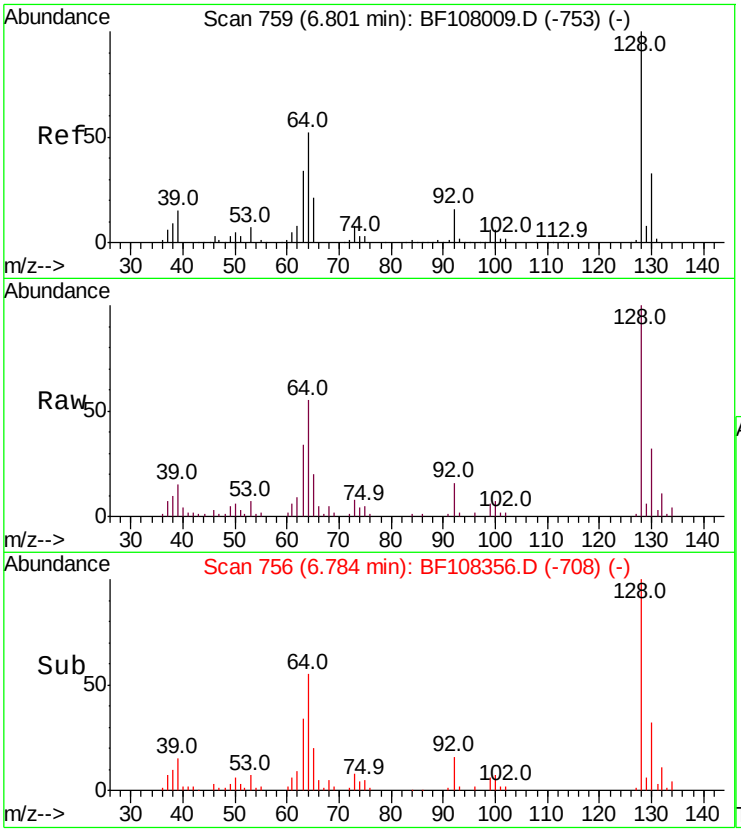


#7
Phenol-d6
Concen: 9.811 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 99 Resp: 117103

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	35.0	25.4	38.0



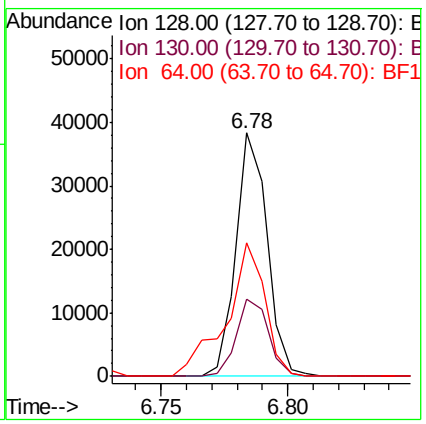


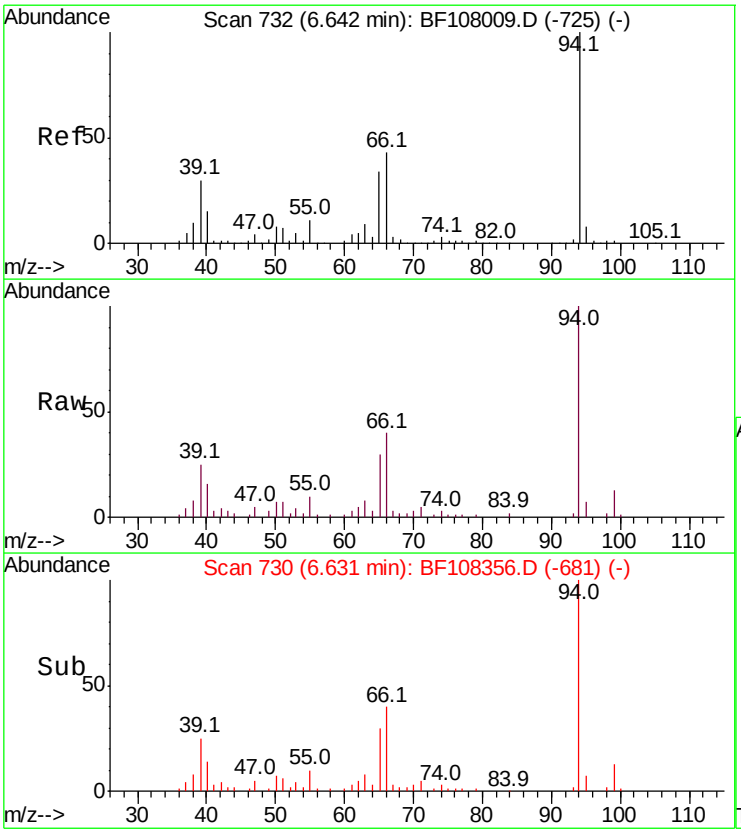
#8
2-Chlorophenol
Concen: 3.242 ng
RT: 6.78 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:128 Resp: 32796

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	54.9	29.4	69.4

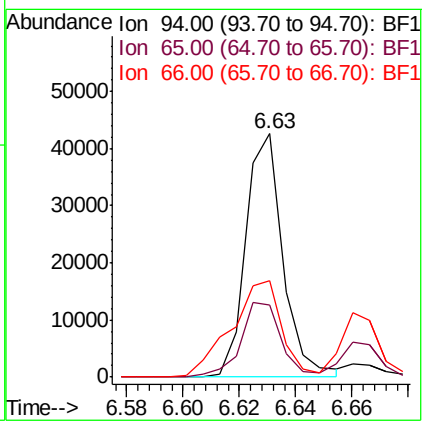


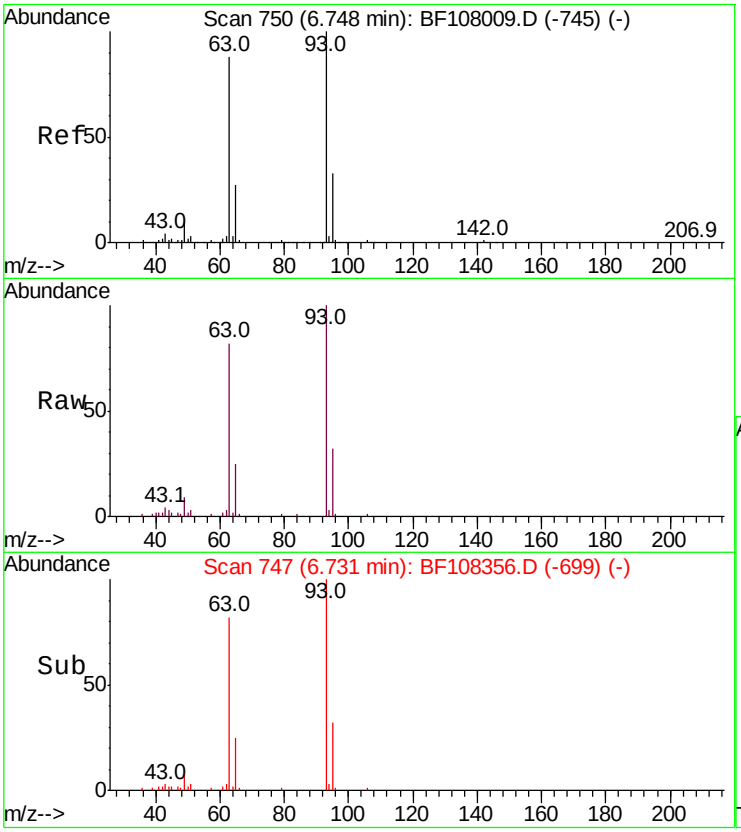


#10
Phenol
Concen: 3.148 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 94 Resp: 38872

Ion	Ratio	Lower	Upper
94	100		
65	29.8	7.9	47.9
66	39.8	16.2	56.2



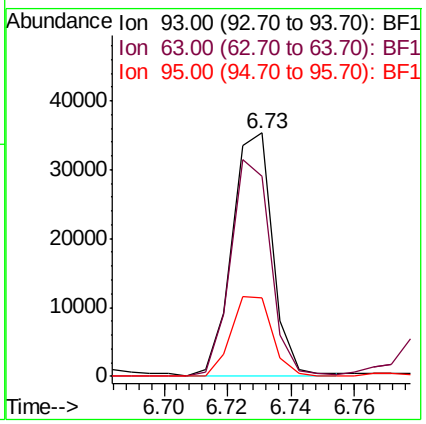


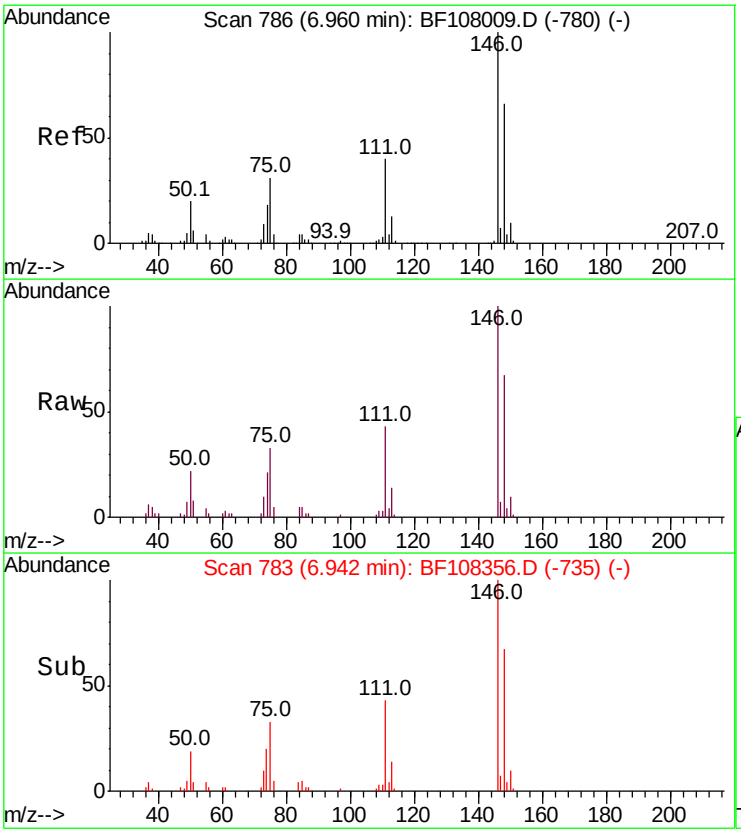
#11
bis(2-Chloroethyl)ether
Concen: 3.140 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 93 Resp: 31345

Ion	Ratio	Lower	Upper
93	100		
63	82.2	58.6	98.6
95	32.0	11.8	51.8

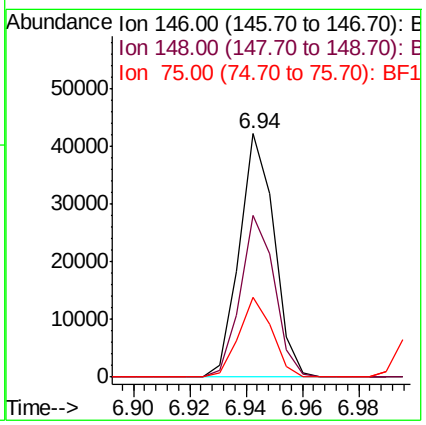


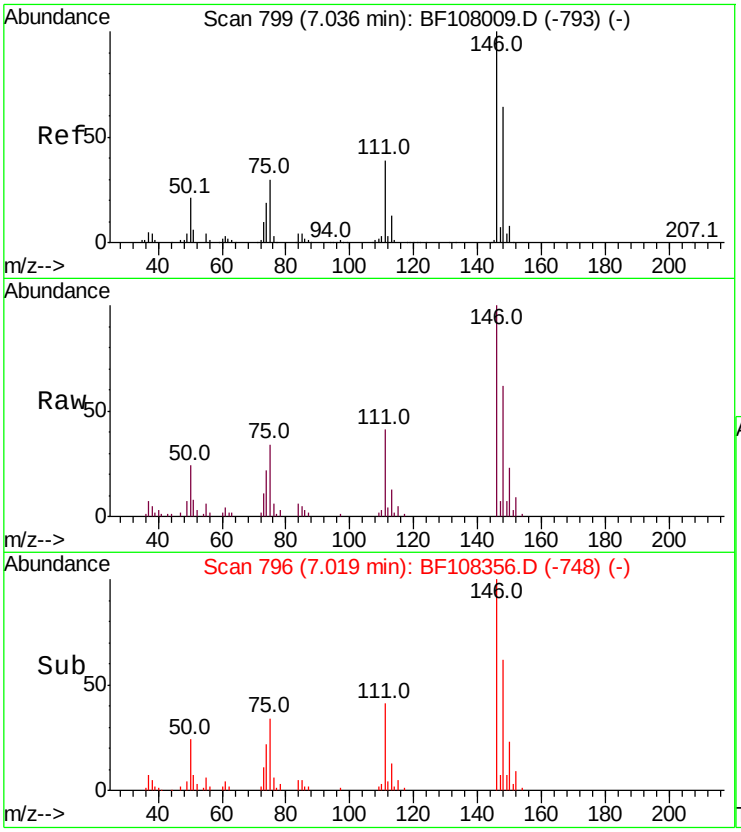


#12
1,3-Dichlorobenzene
Concen: 3.073 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:146 Resp: 35951

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.8
75	32.5	24.2	36.4



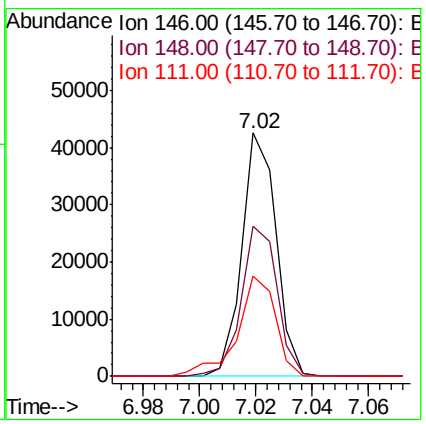


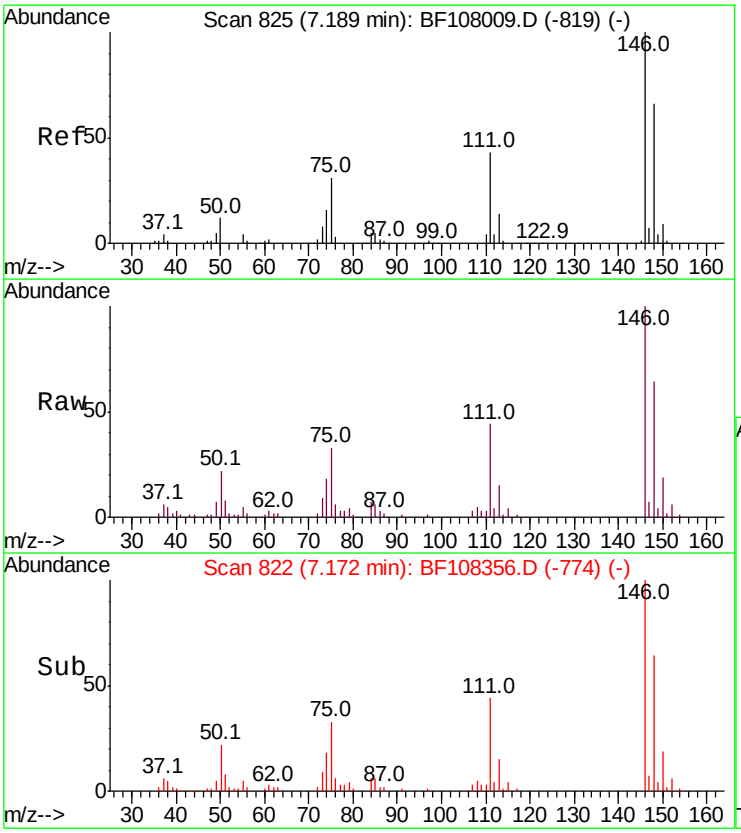
#13
1,4-Dichlorobenzene
Concen: 3.044 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:146 Resp: 35780

Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.8	76.2
111	41.0	34.2	51.2

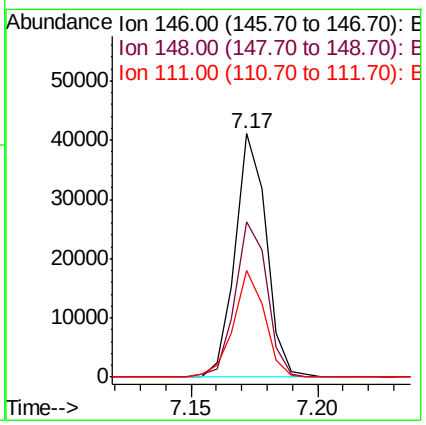


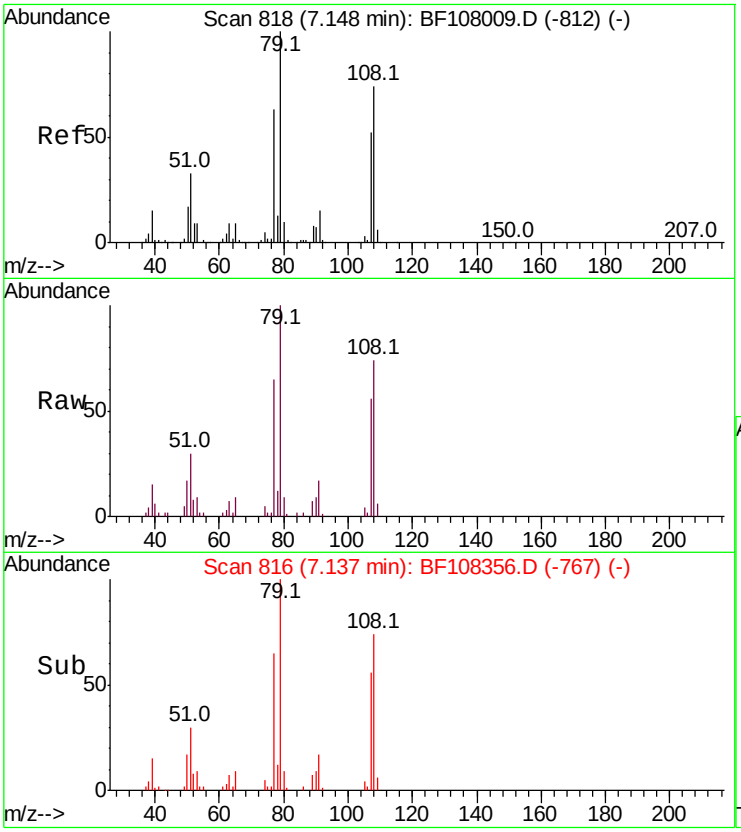


#14
1,2-Dichlorobenzene
Concen: 3.214 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:146 Resp: 35140

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	43.9	36.0	54.0



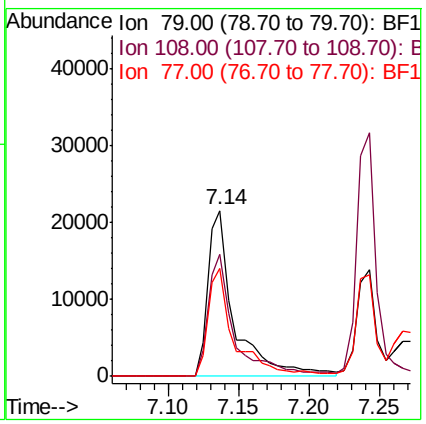


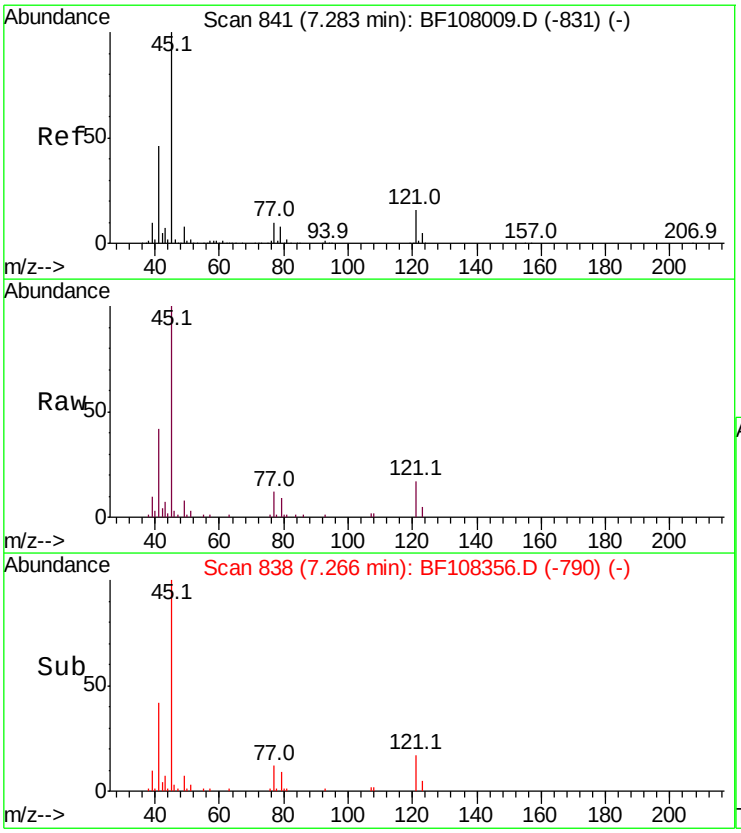
#15
Benzyl Alcohol
Concen: 2.825 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 79 Resp: 28392

Ion	Ratio	Lower	Upper
79	100		
108	73.8	65.1	97.7
77	64.7	50.6	75.8

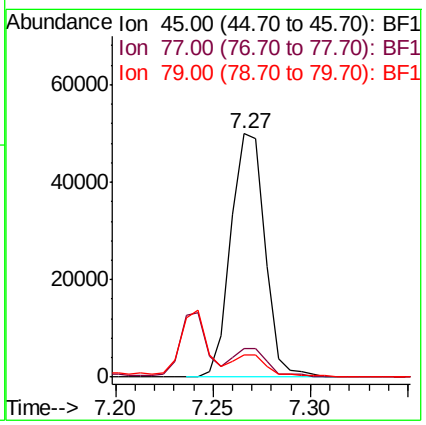


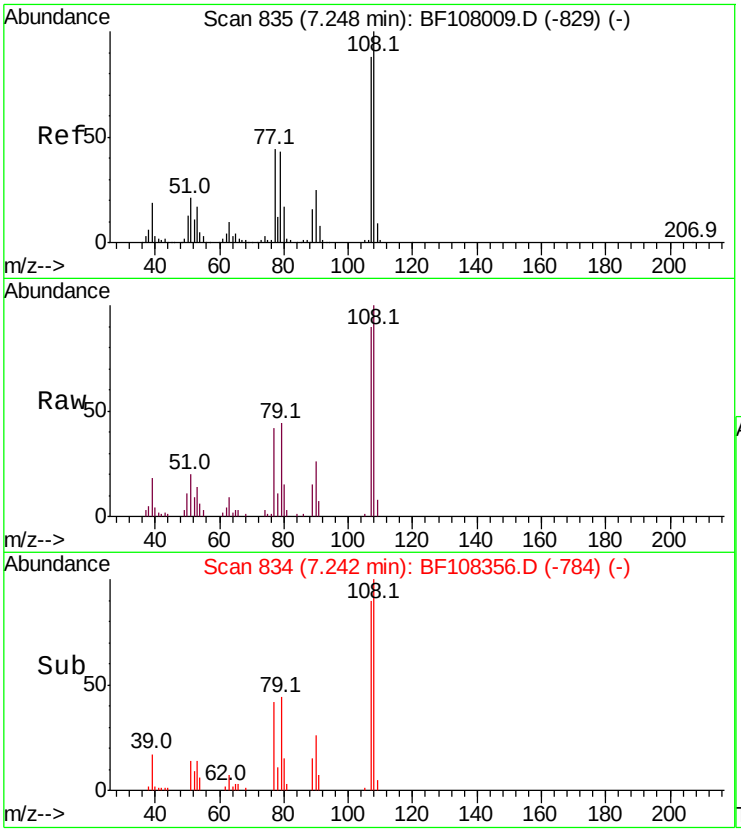


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.945 ng
RT: 7.27 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 45 Resp: 60566

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.9
79	9.0	0.0	29.6



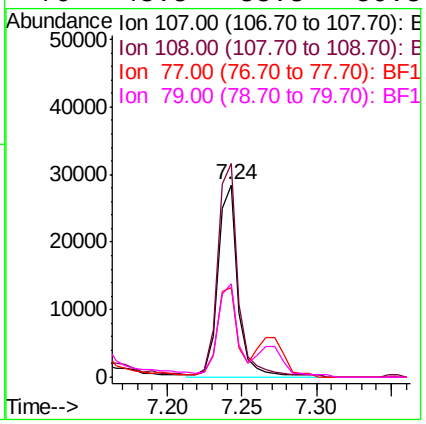


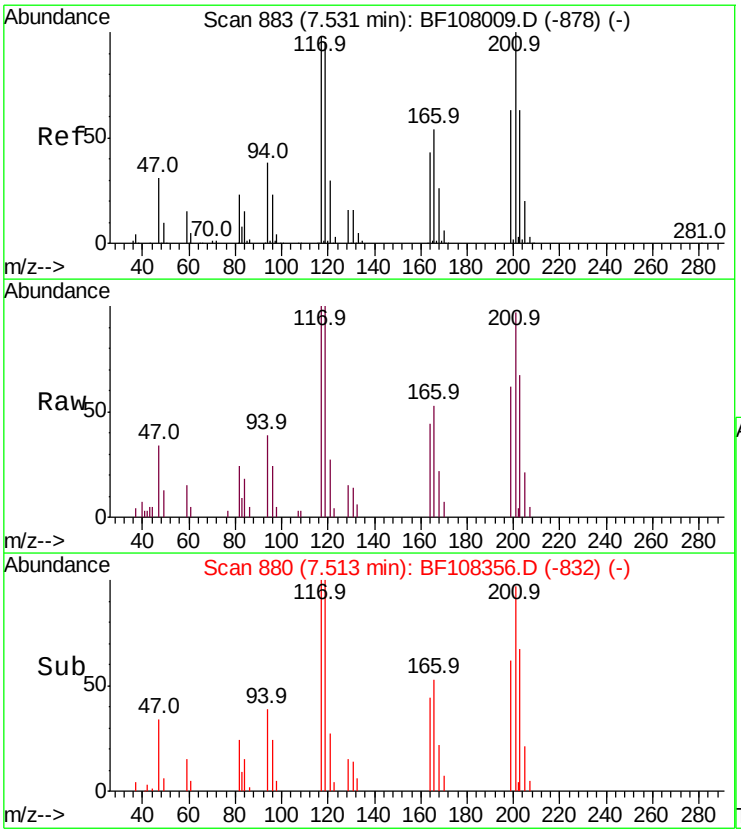
#17
2-Methylphenol
Concen: 3.154 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:107 Resp: 27359

Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.7	137.5
77	46.5	33.8	50.8
79	48.5	33.8	50.8

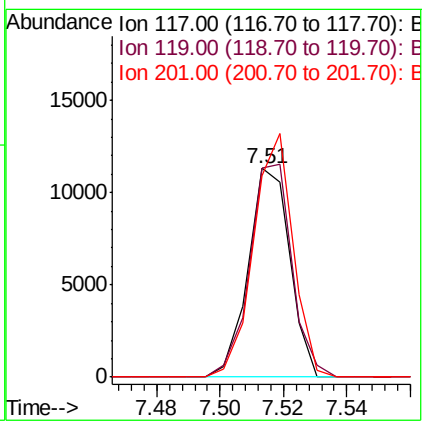


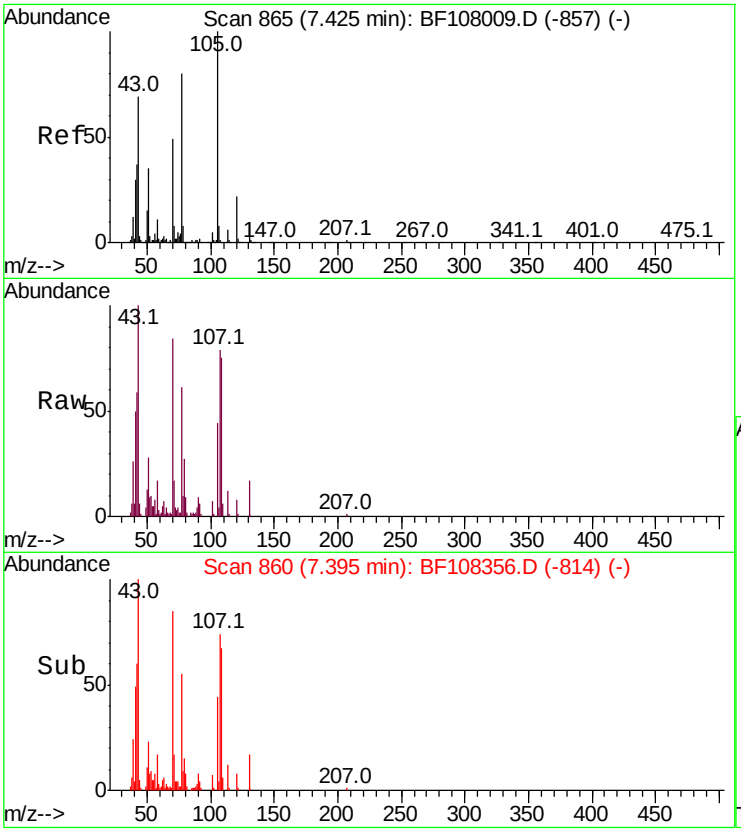


#18
Hexachloroethane
Concen: 2.465 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:117 Resp: 10316

Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.8
201	96.7	75.7	113.5



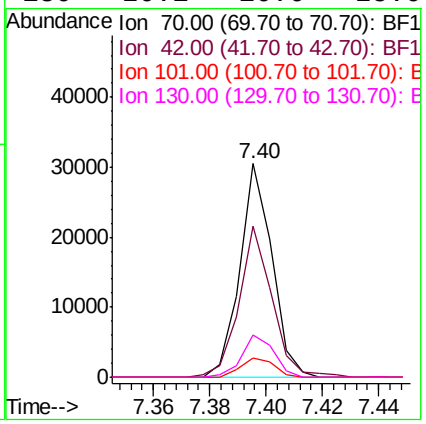


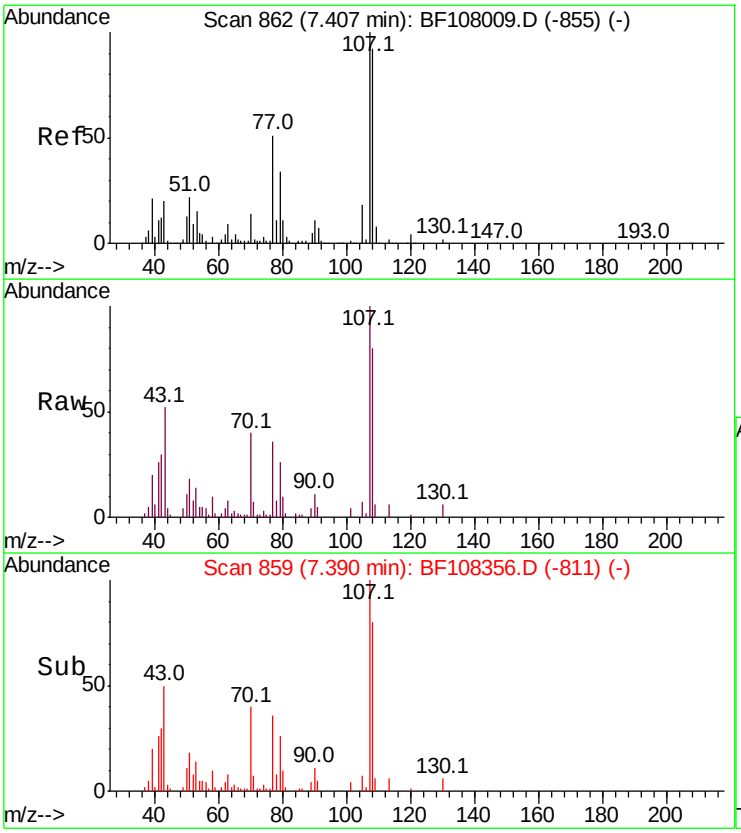
#19
n-Nitroso-di-n-propylamine
Concen: 2.981 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 70 Resp: 24062

Ion	Ratio	Lower	Upper
70	100		
42	70.6	47.5	71.3
101	8.8	7.4	11.2
130	20.1	16.6	25.0

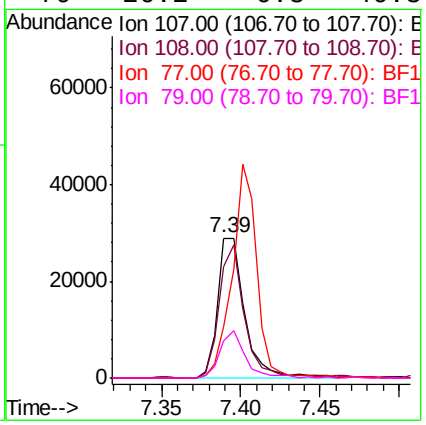


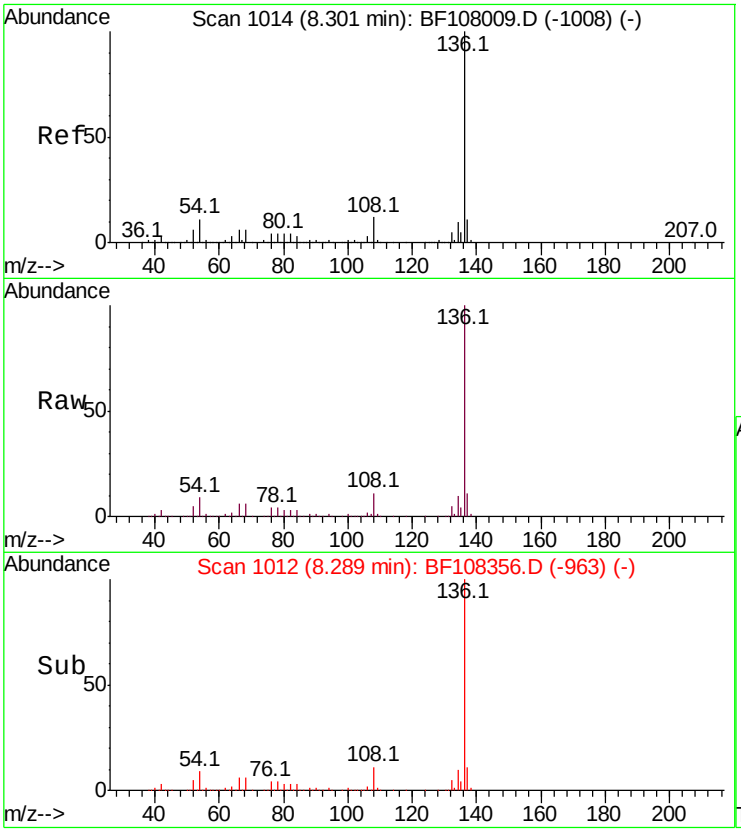


#20
3+4-Methylphenols
Concen: 3.101 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:107 Resp: 34476

Ion	Ratio	Lower	Upper
107	100		
108	79.6	68.2	108.2
77	36.3	26.7	66.7
79	26.2	6.3	46.3



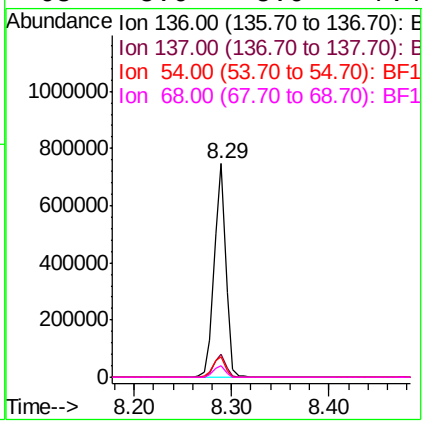


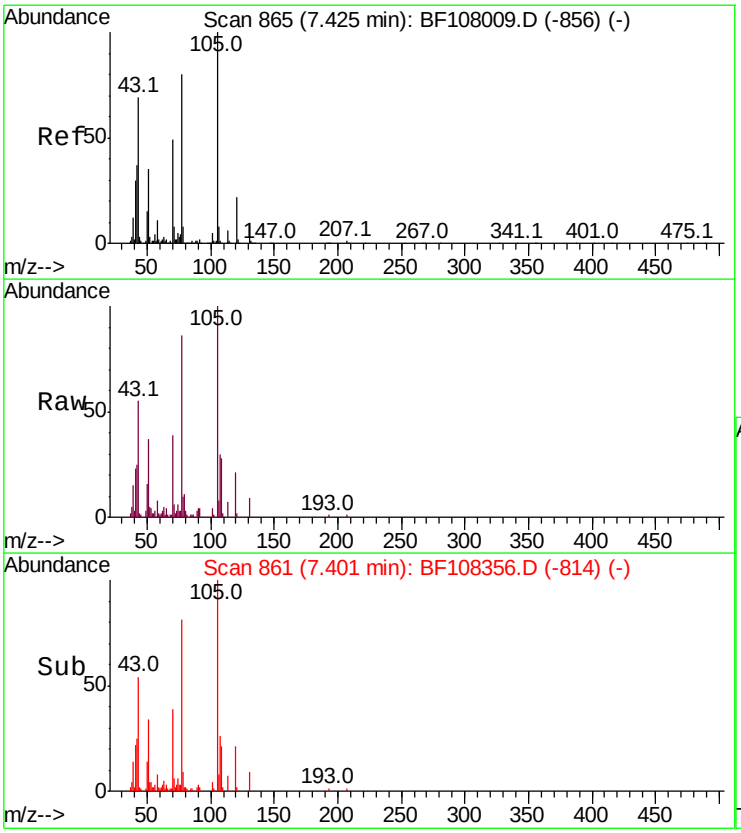
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:136 Resp: 617274

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	5.6	5.0	7.4

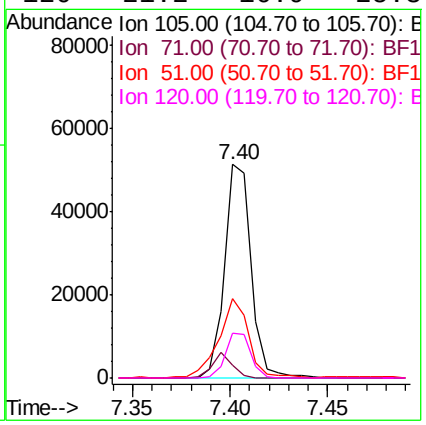


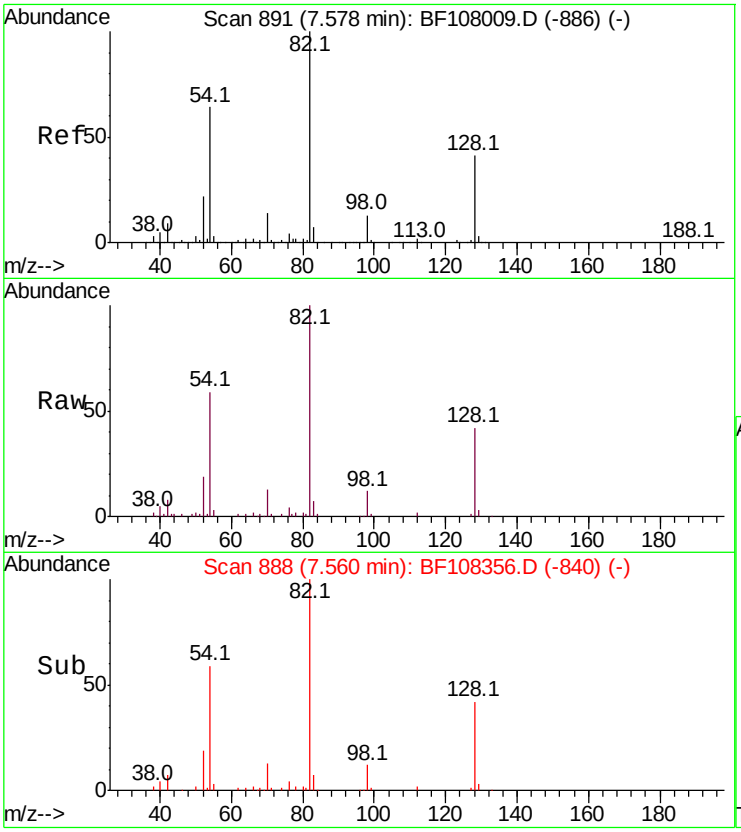


#22
Acetophenone
Concen: 3.335 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:105 Resp: 48133

Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	37.5	22.3	33.5#
120	21.2	16.9	25.3



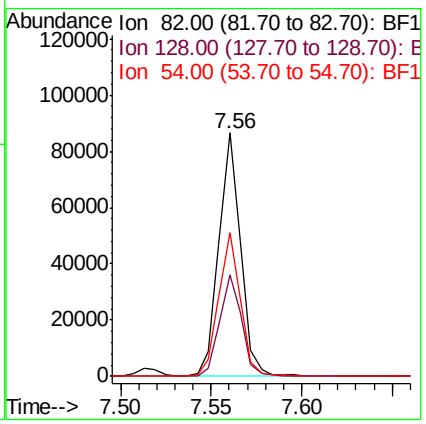


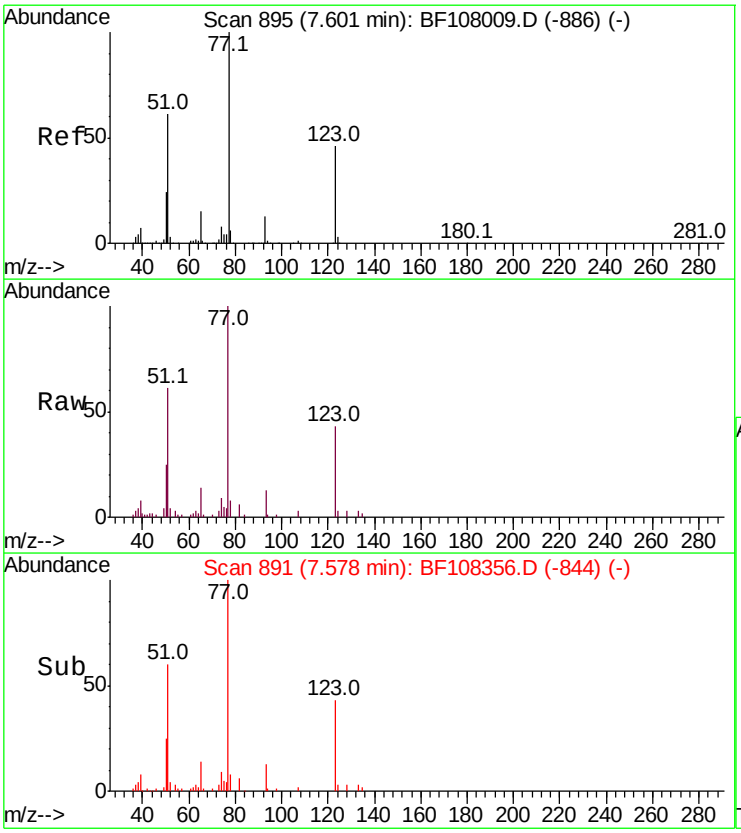
#23
Nitrobenzene-d5
Concen: 6.534 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 82 Resp: 72282

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	58.8	41.4	62.2

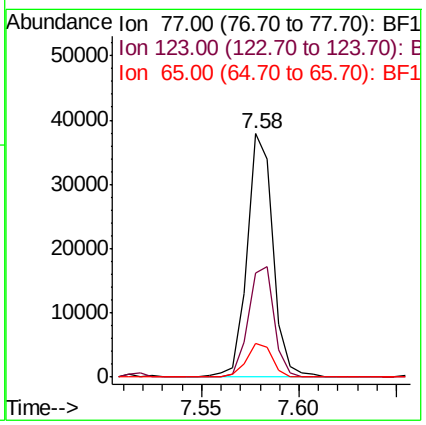


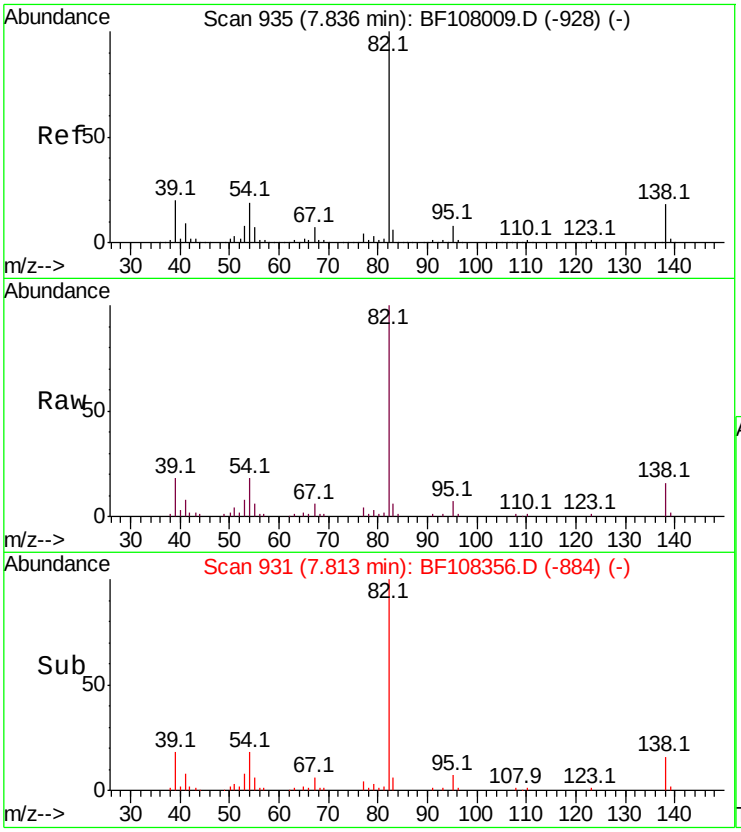


#24
Nitrobenzene
Concen: 3.100 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 77 Resp: 34676

Ion	Ratio	Lower	Upper
77	100		
123	42.9	37.9	56.9
65	13.9	11.0	16.4



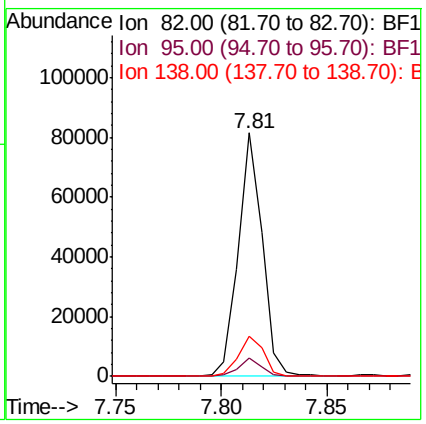


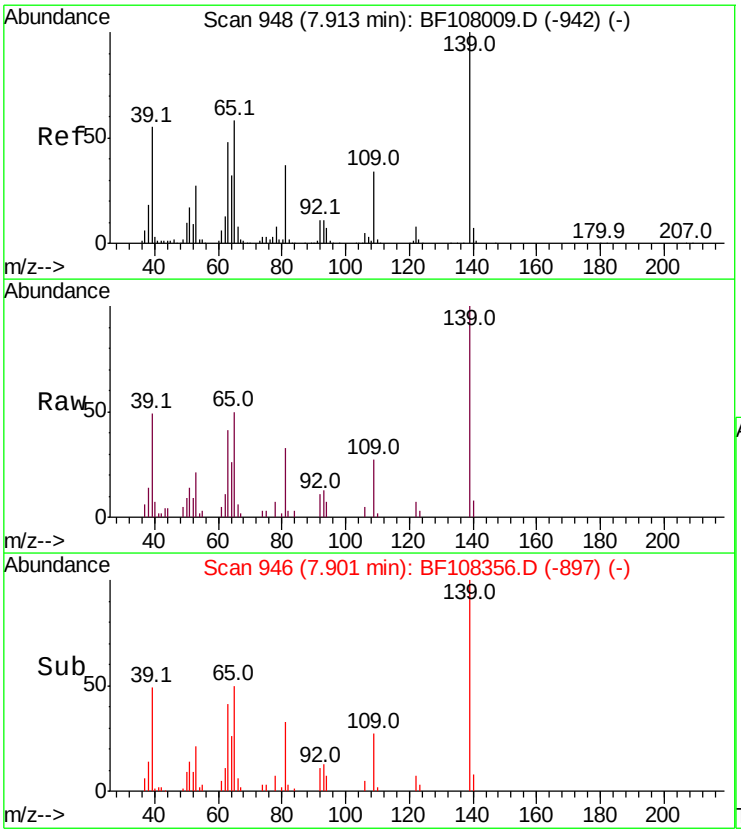
#25
Isophorone
Concen: 3.033 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 82 Resp: 63948

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.2	7.8
138	16.3	14.9	22.3

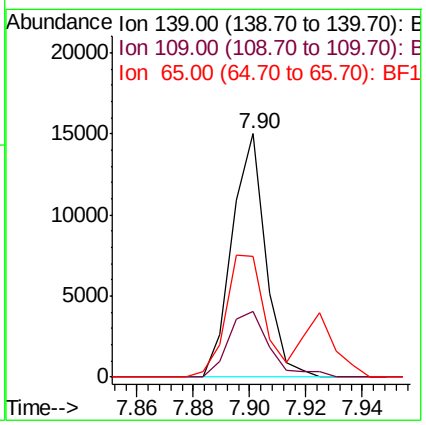


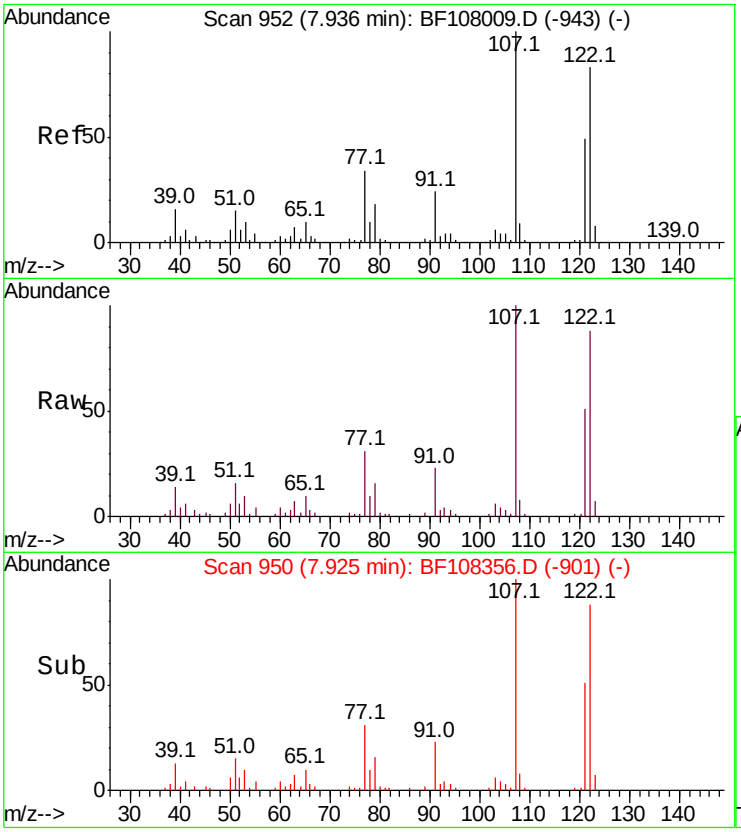


#26
2-Nitrophenol
Concen: 2.928 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:139 Resp: 12368

Ion	Ratio	Lower	Upper
139	100		
109	27.1	22.7	34.1
65	49.8	40.5	60.7



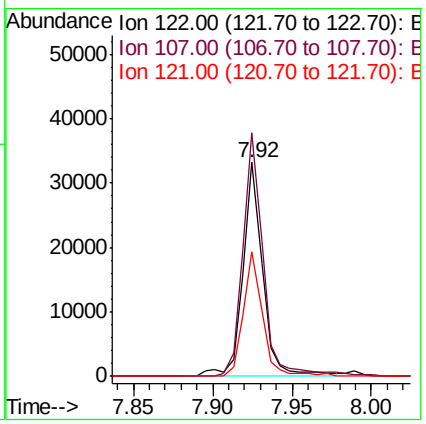


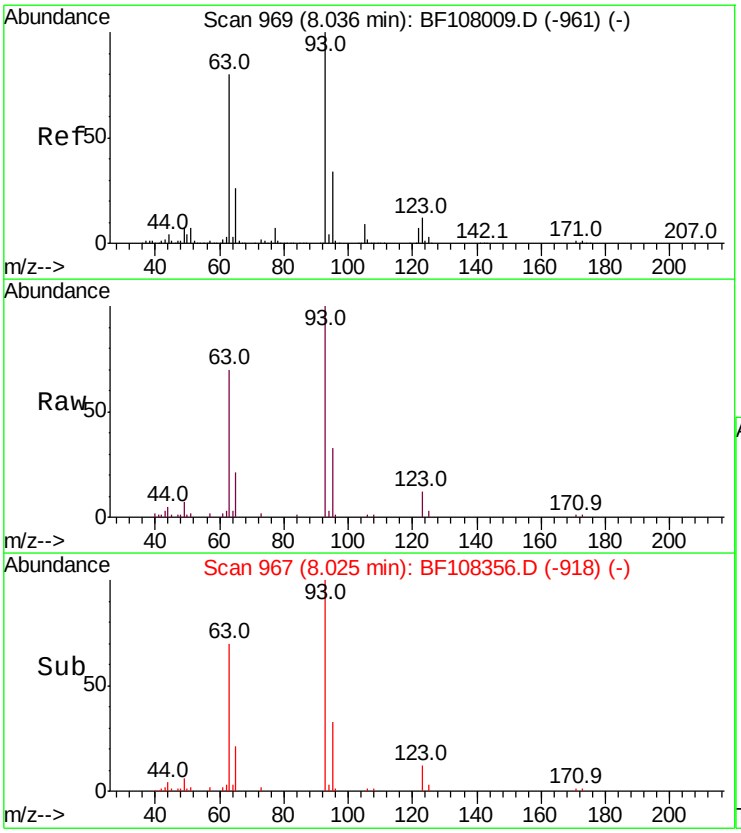
#27
2,4-Dimethylphenol
Concen: 3.075 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:122 Resp: 28773

Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	58.1	47.2	70.8

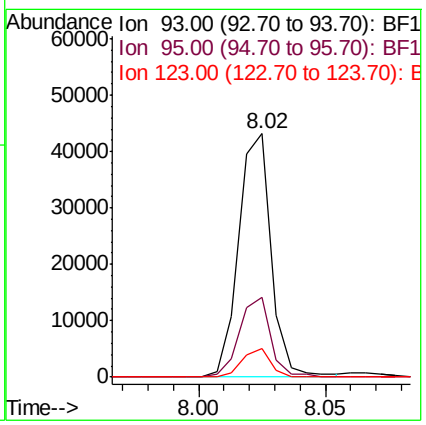


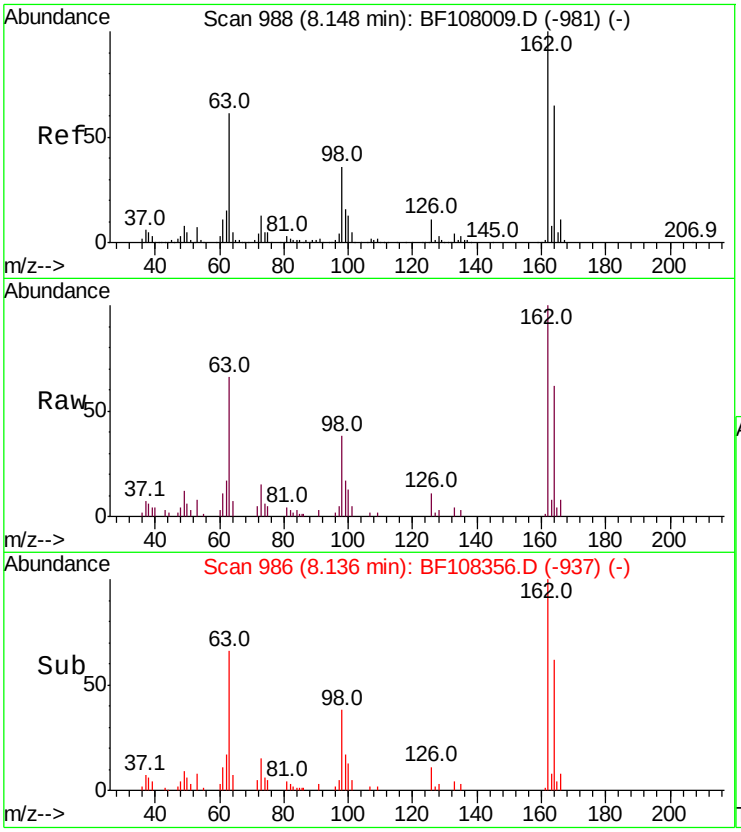


#28
bis(2-Chloroethoxy)methane
Concen: 3.127 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 93 Resp: 38488

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.6	9.8	14.6



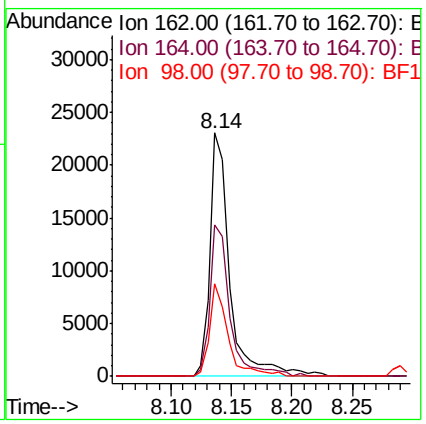


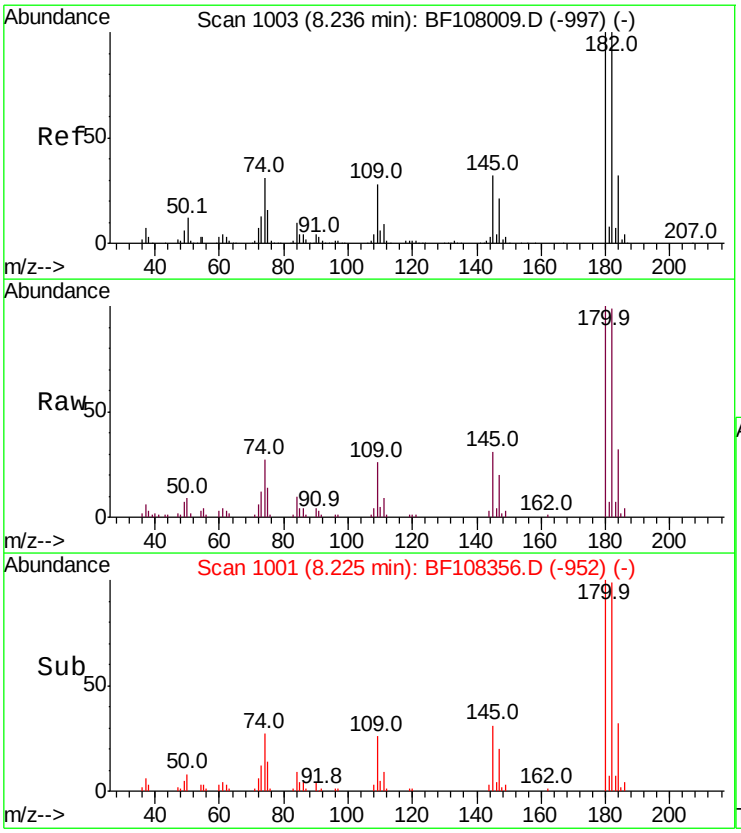
#29
2,4-Dichlorophenol
Concen: 3.030 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:162 Resp: 26096

Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.7	82.7
98	38.0	18.1	58.1

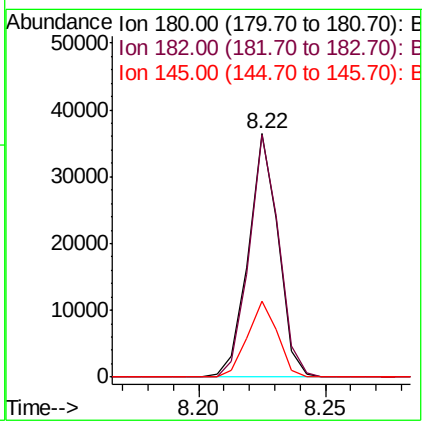


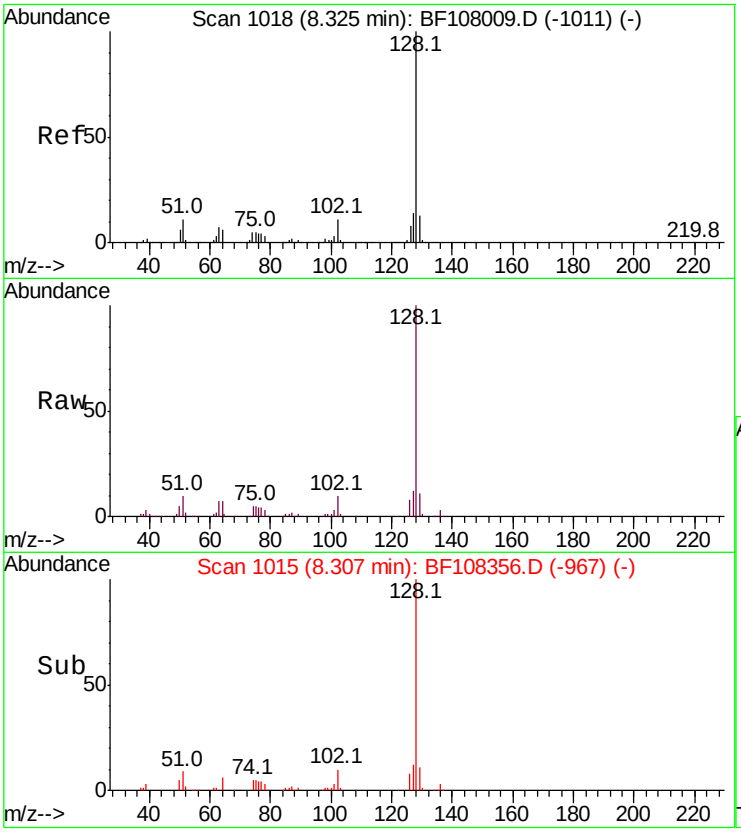


#30
1,2,4-Trichlorobenzene
Concen: 3.148 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:180 Resp: 29893

Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	31.2	26.5	39.7



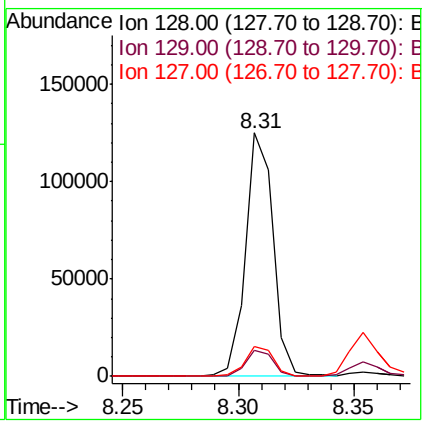


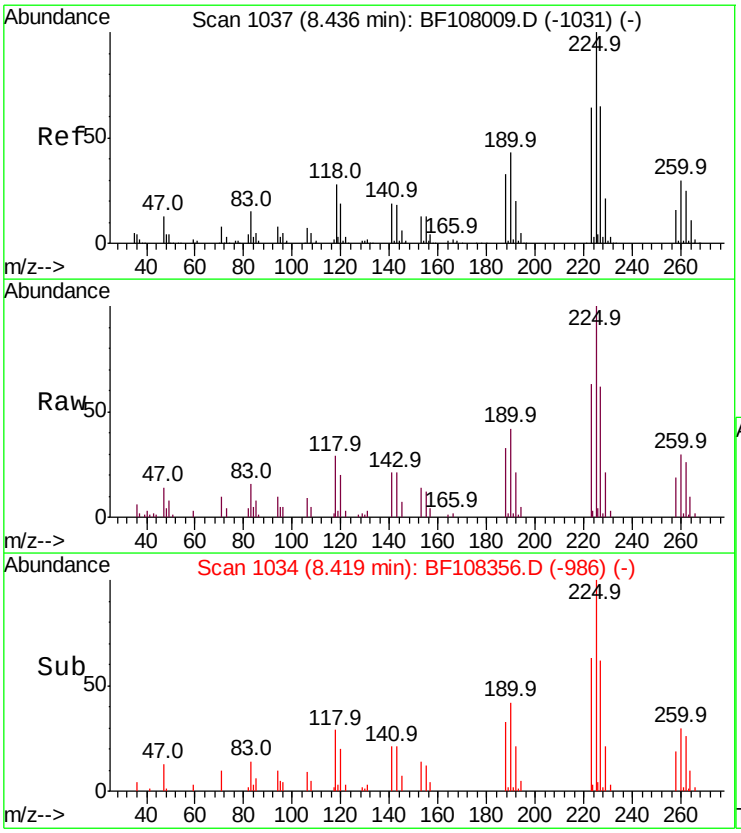
#31
Naphthalene
Concen: 3.720 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:128 Resp: 104422

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.2	10.9	16.3

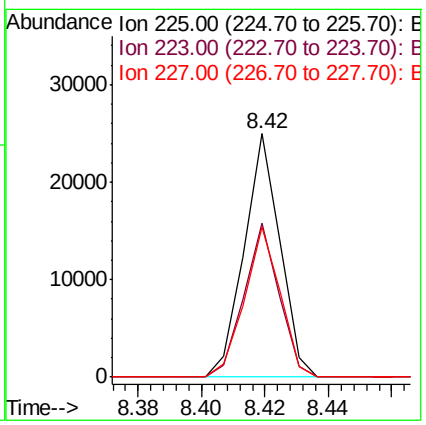


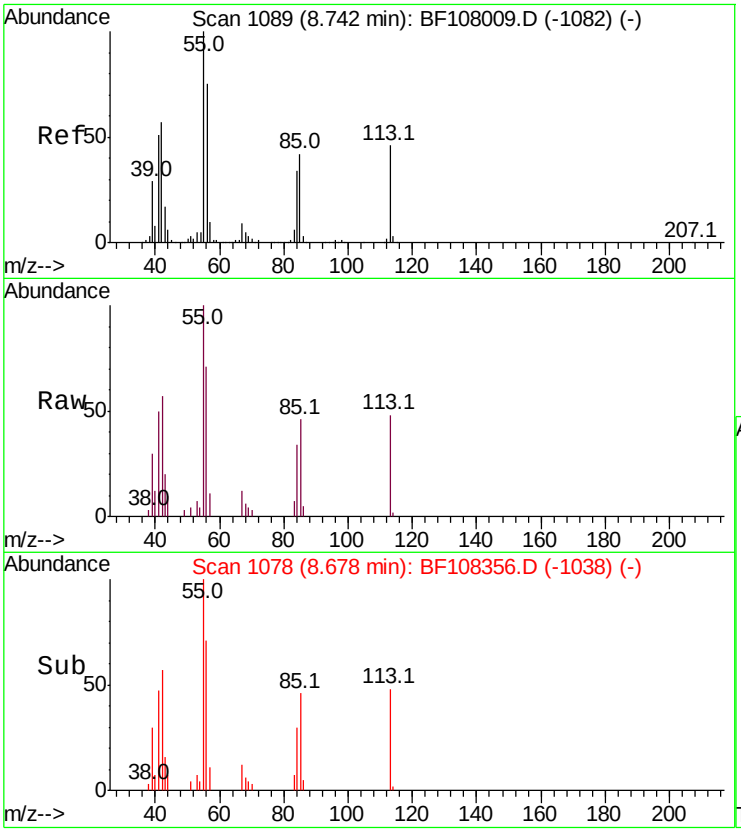


#34
Hexachlorobutadiene
Concen: 3.251 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:225 Resp: 19542

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	61.7	51.9	77.9



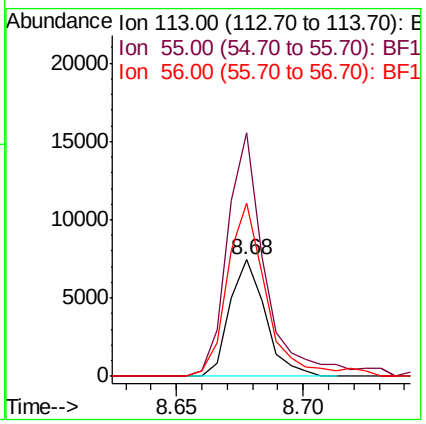


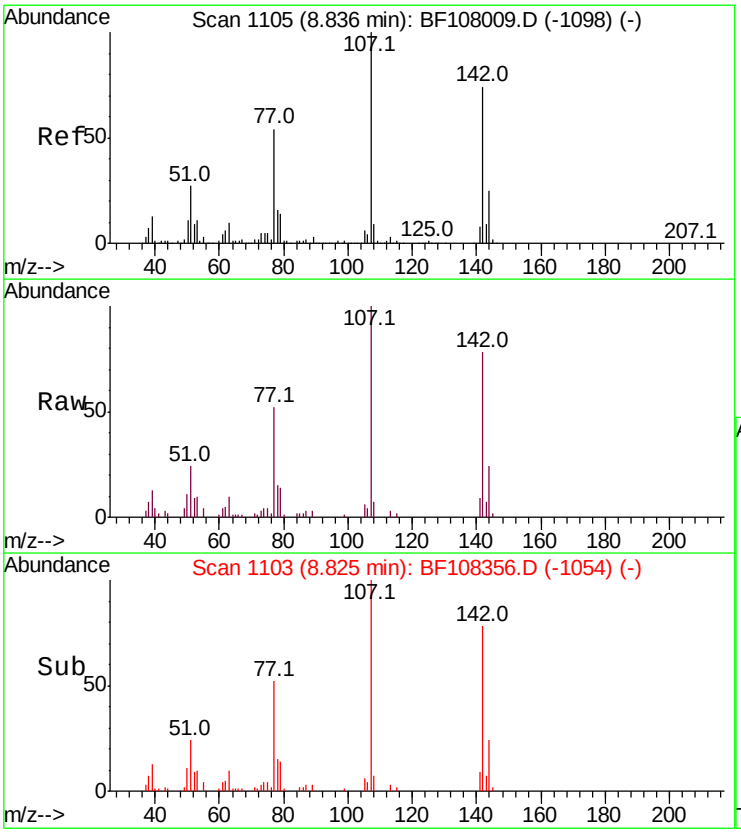
#35
Caprolactam
Concen: 2.704 ng
RT: 8.68 min Scan# 1078
Delta R.T. -0.06 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:113 Resp: 7297

Ion	Ratio	Lower	Upper
113	100		
55	208.9	163.3	203.3#
56	148.4	115.7	155.7

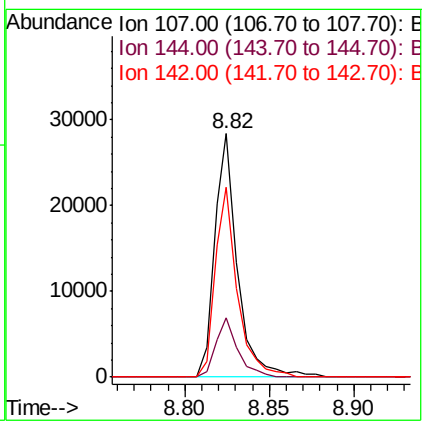


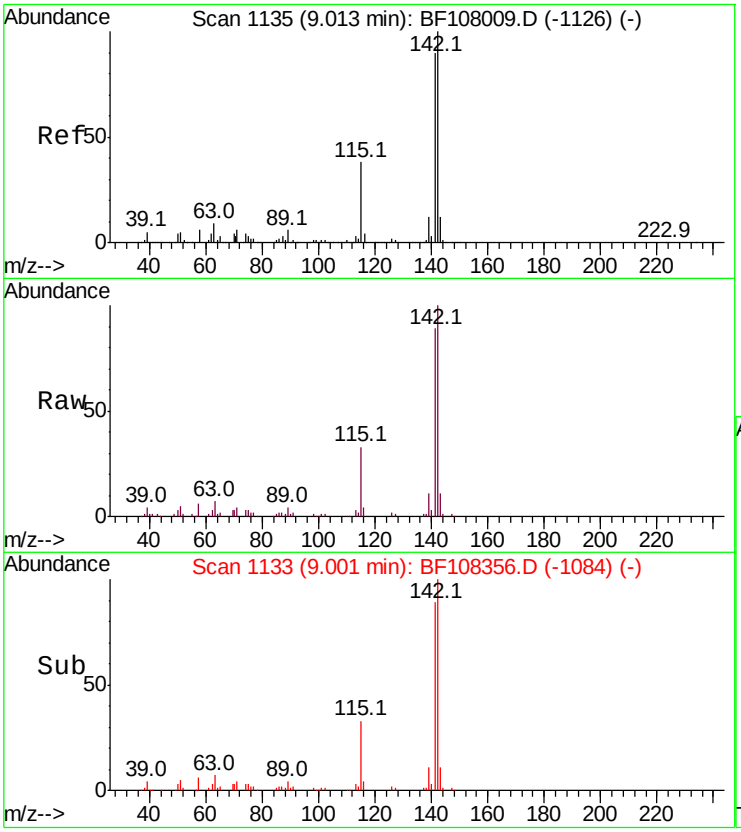


#36
4-Chloro-3-methylphenol
Concen: 2.886 ng
RT: 8.82 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:107 Resp: 26809

Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.5	30.7
142	78.1	62.0	93.0



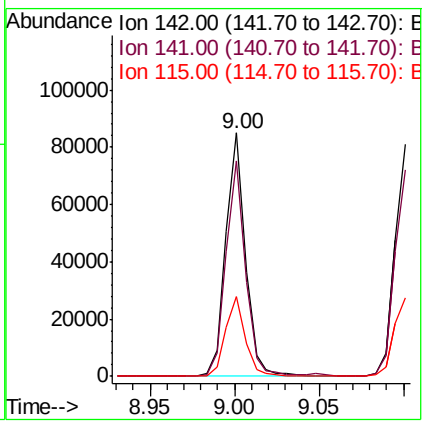


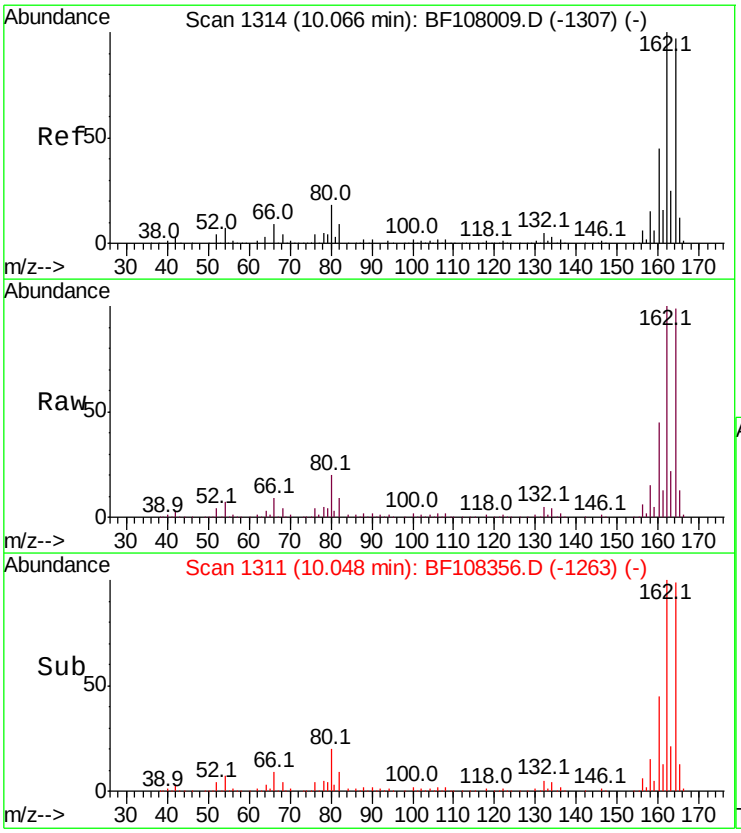
#37
2-Methylnaphthalene
Concen: 3.471 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:142 Resp: 68948

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	32.6	26.1	39.1

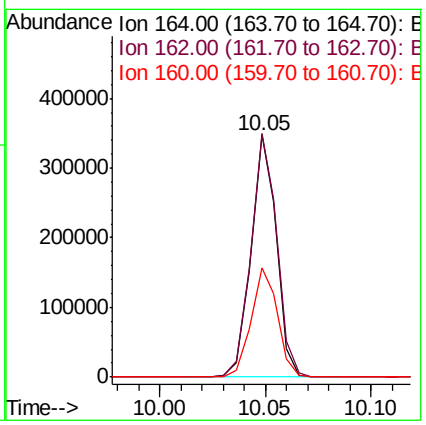


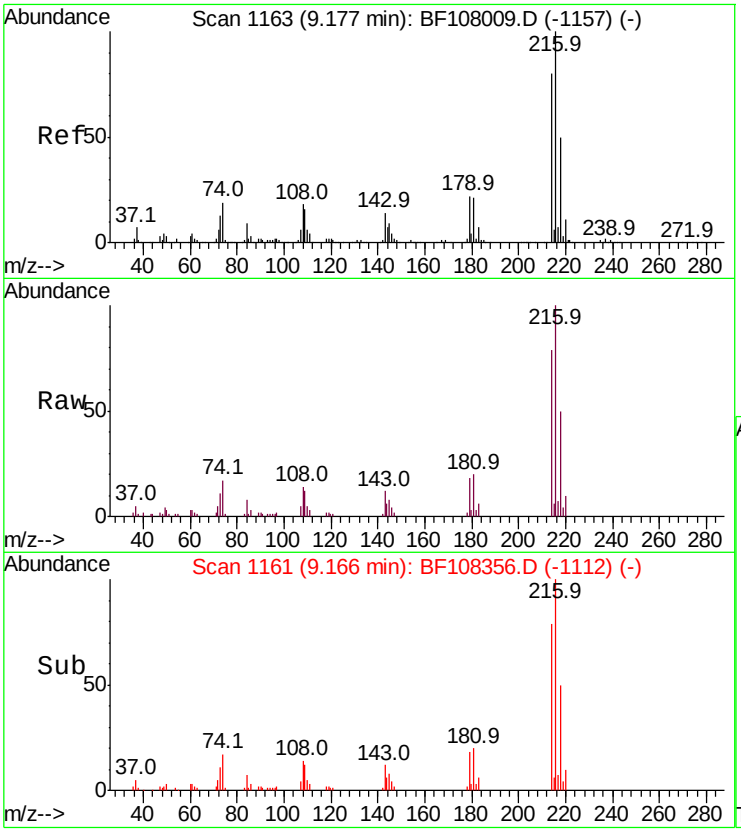


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:164 Resp: 289083

Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	45.1	38.3	57.5



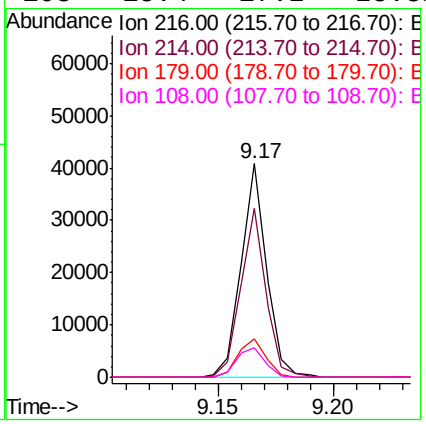


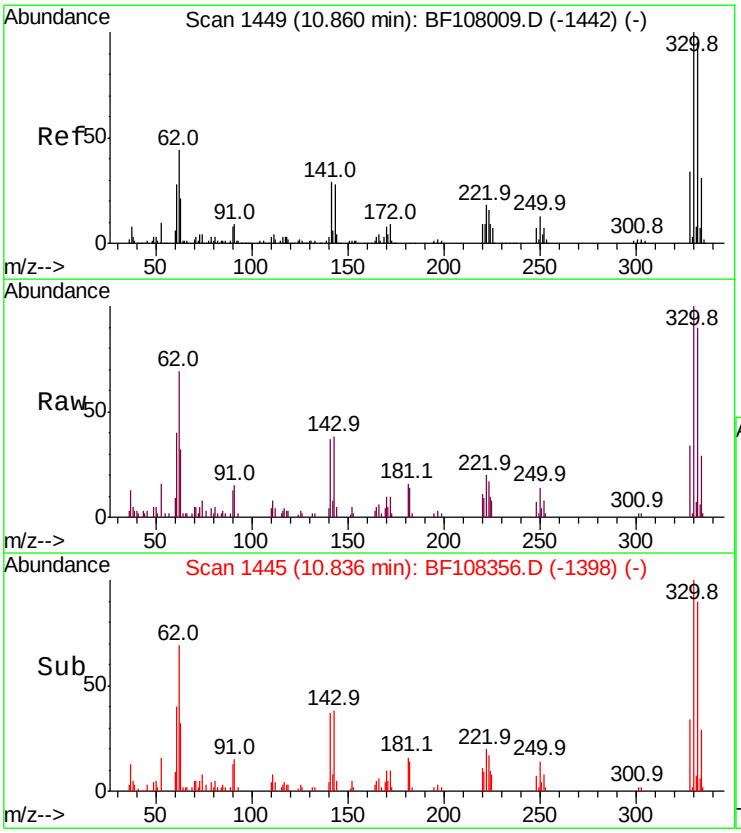
#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.578 ng
RT: 9.17 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:216 Resp: 31760

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	19.6	18.1	27.1
108	15.4	17.2	25.8#

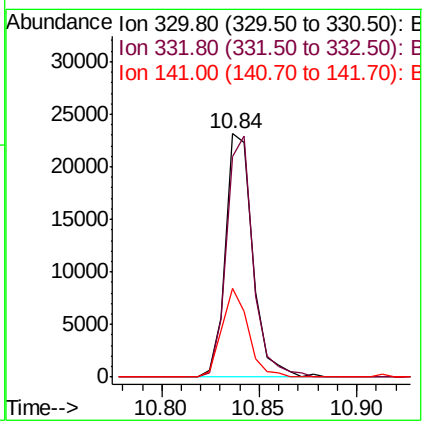


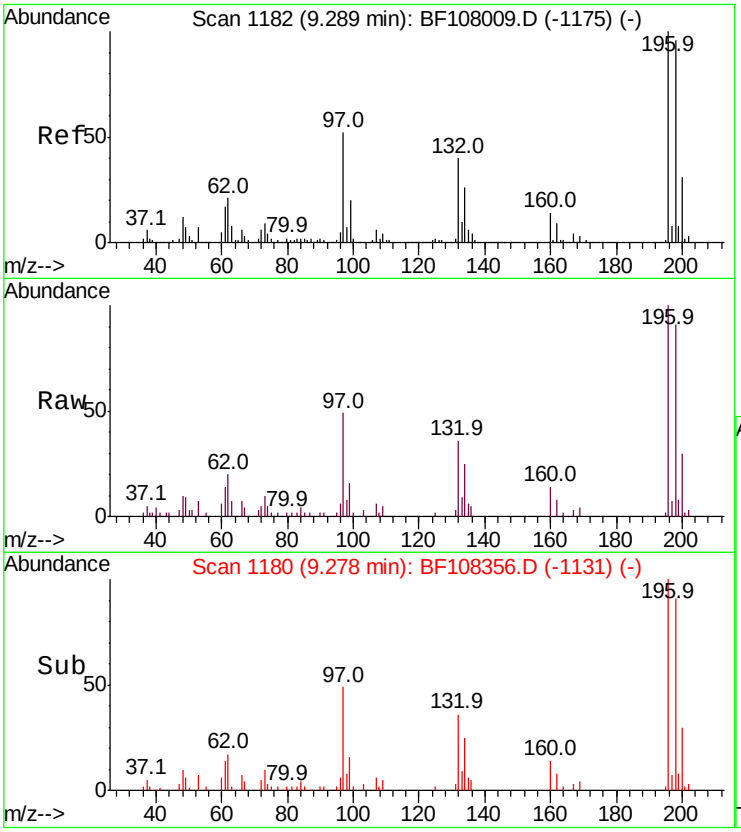


#41
2,4,6-Tribromophenol
Concen: 7.795 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:330 Resp: 22476

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.2	29.9	44.9



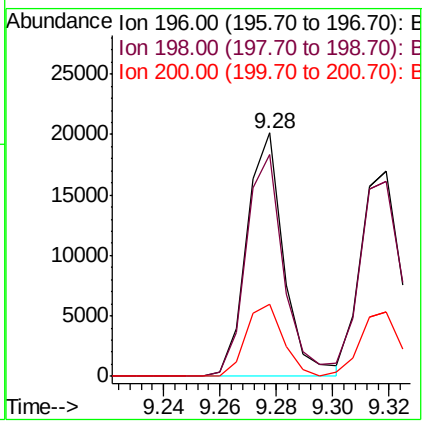


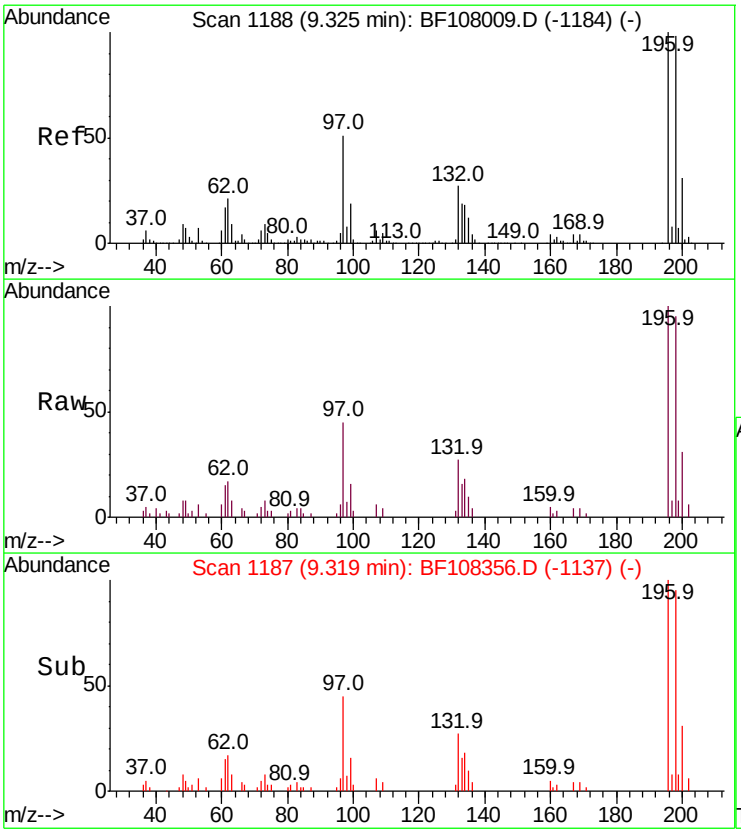
#42
2,4,6-Trichlorophenol
Concen: 3.334 ng
RT: 9.28 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:196 Resp: 18365

Ion	Ratio	Lower	Upper
196	100		
198	90.9	75.7	113.5
200	29.6	24.5	36.7

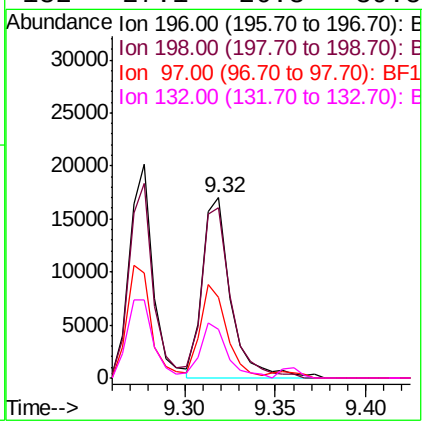


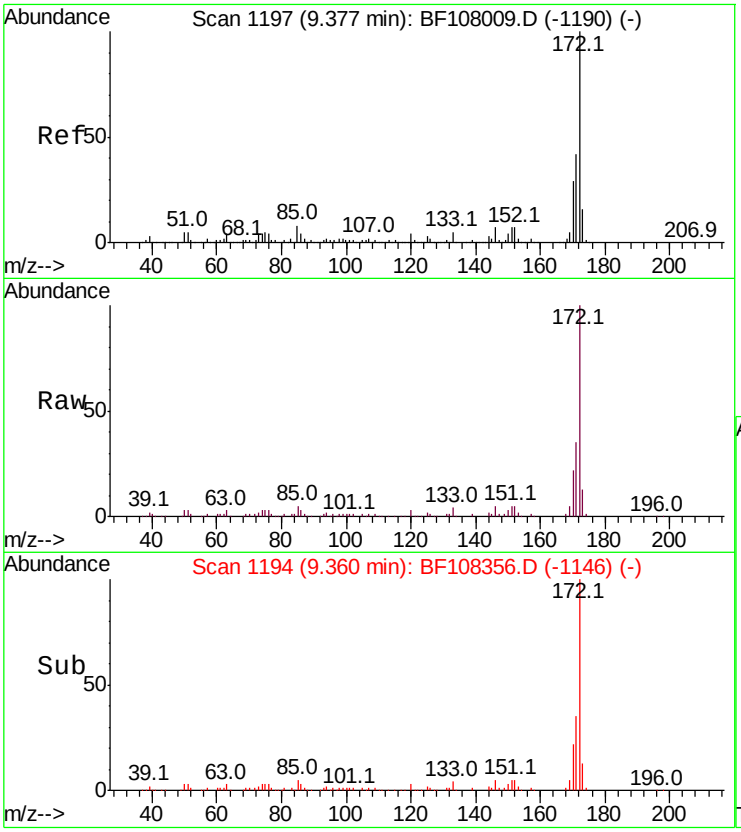


#43
2,4,5-Trichlorophenol
Concen: 3.088 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:196 Resp: 18726

Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	44.7	42.9	64.3
132	27.1	26.3	39.5



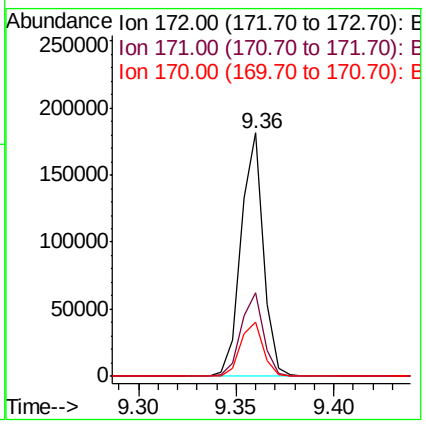


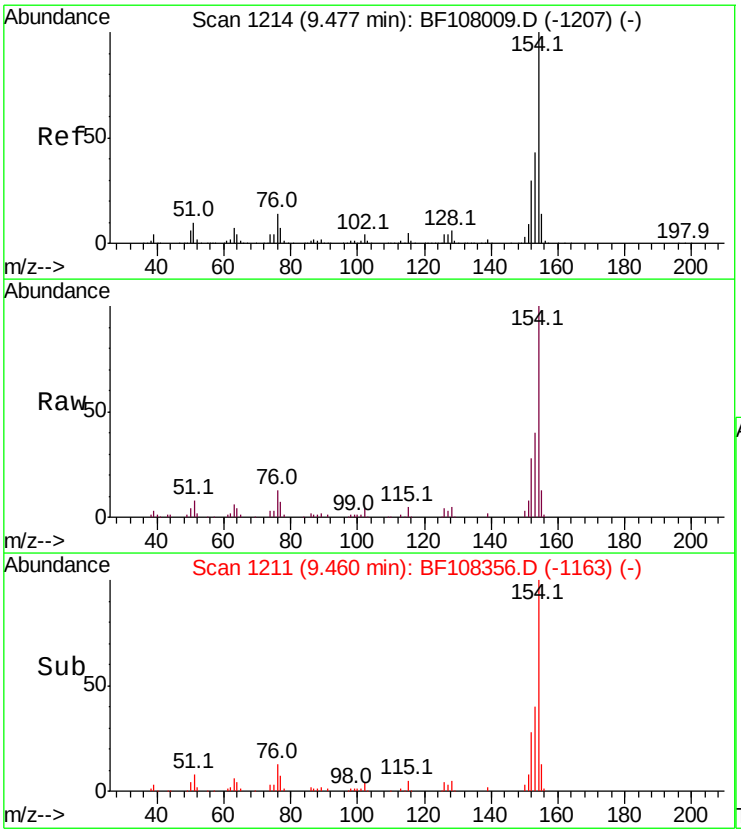
#44
2-Fluorobiphenyl
Concen: 7.971 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:172 Resp: 143523

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.3	19.6	29.4

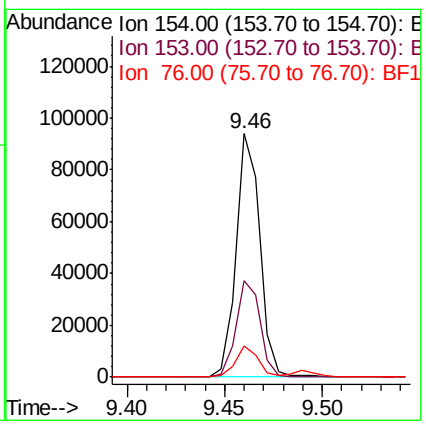


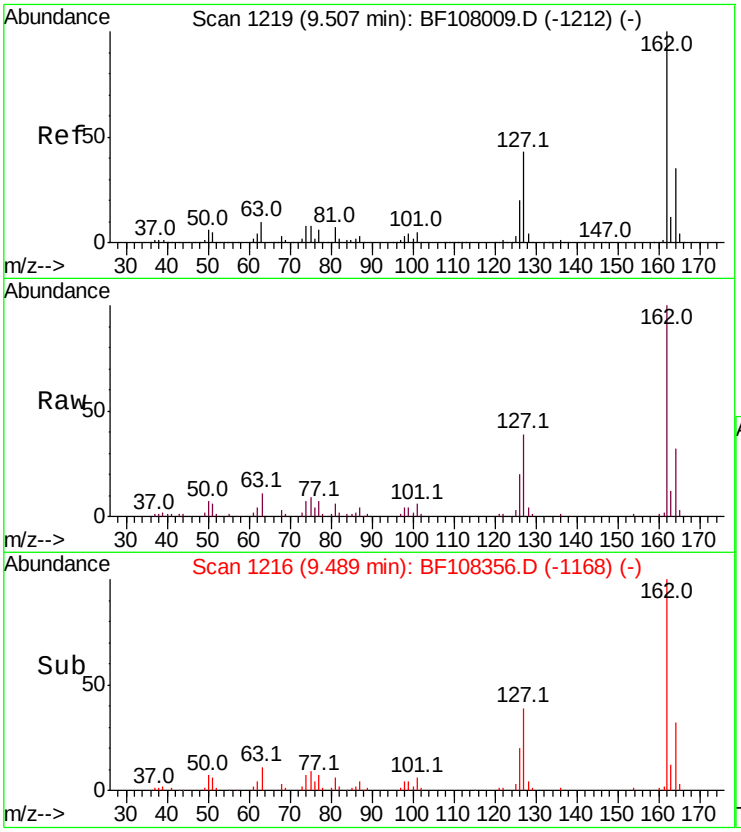


#45
1,1'-Biphenyl
Concen: 3.710 ng
RT: 9.46 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:154 Resp: 79072

Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.3	61.3
76	12.7	0.0	34.0



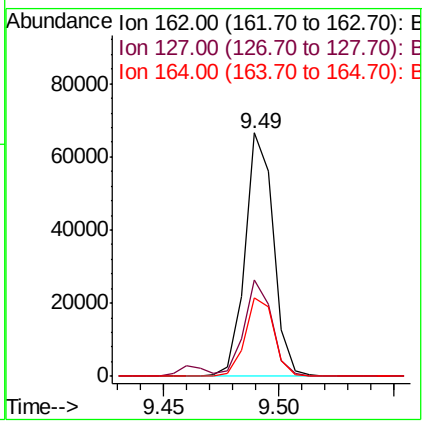


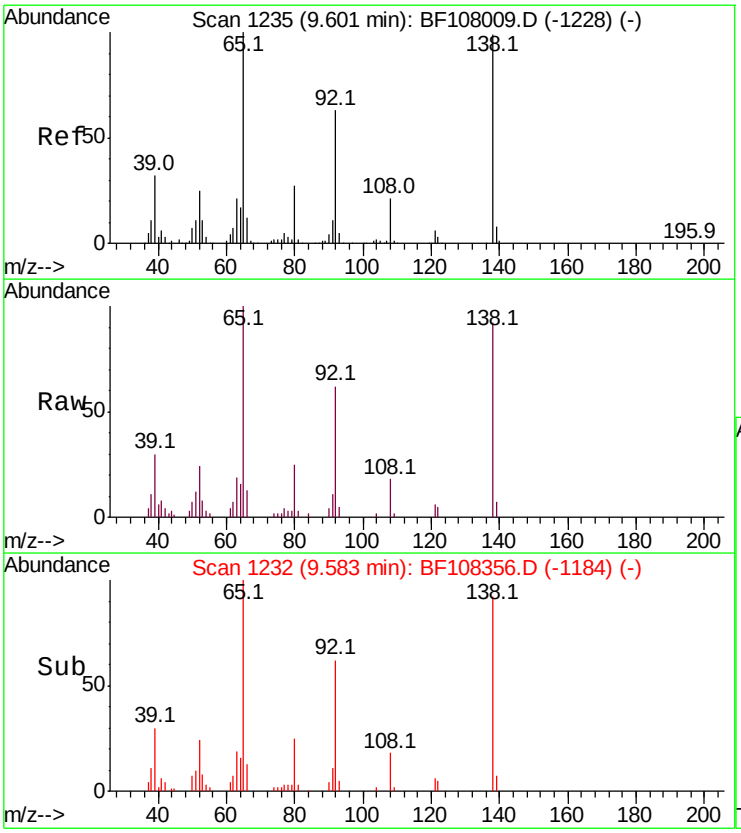
#46
2-Chloronaphthalene
Concen: 3.406 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:162 Resp: 57385

Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	32.2	26.5	39.7

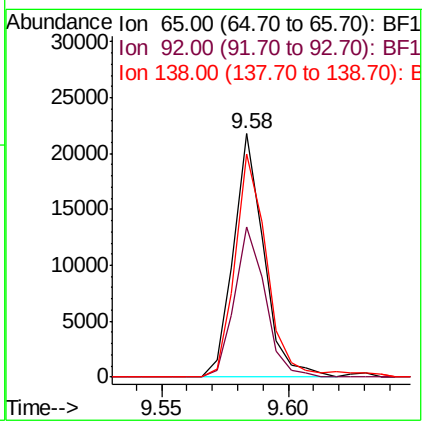


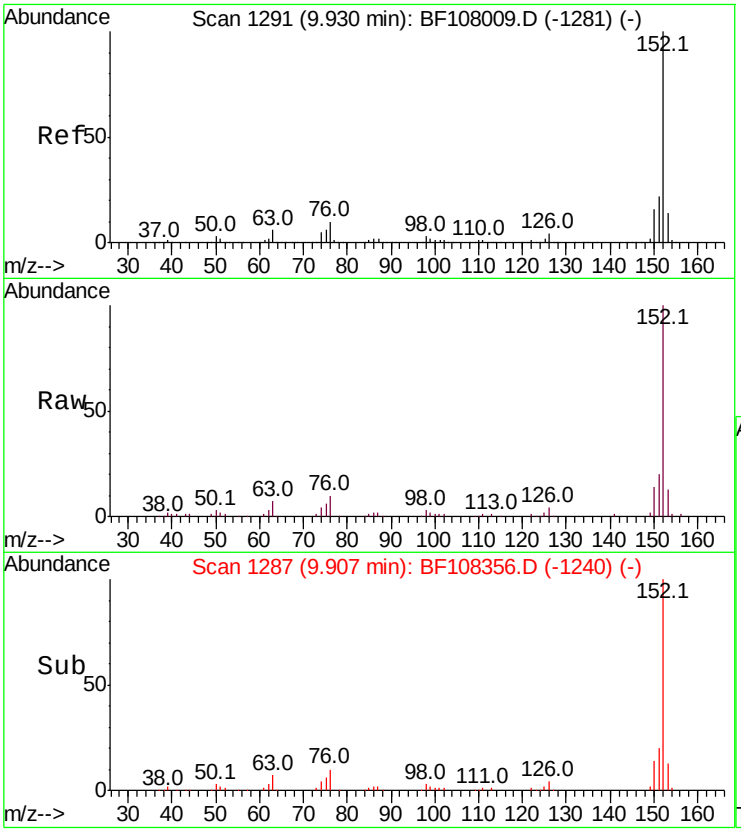


#47
2-Nitroaniline
Concen: 3.318 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 65 Resp: 18087

Ion	Ratio	Lower	Upper
65	100		
92	61.6	55.8	83.6
138	91.9	91.2	136.8



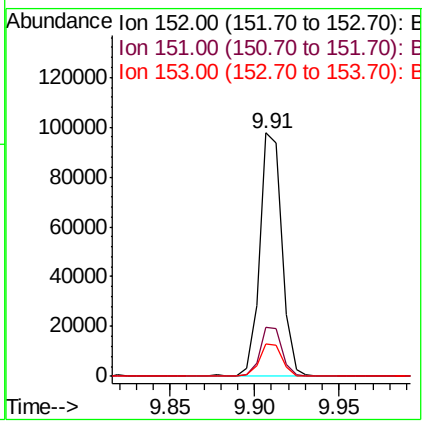


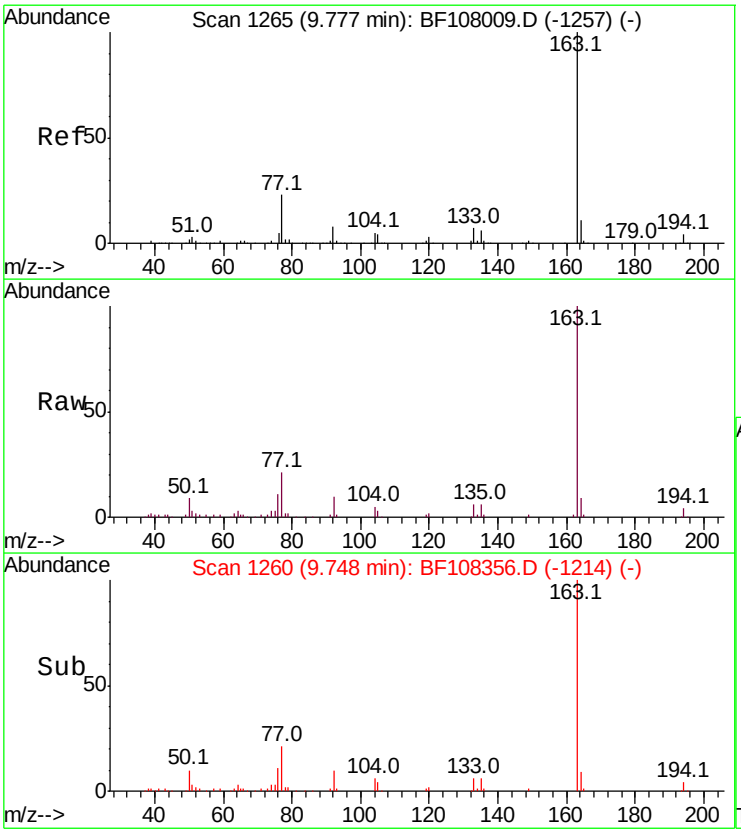
#48
Acenaphthylene
Concen: 3.353 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:152 Resp: 89292

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.5	10.7	16.1

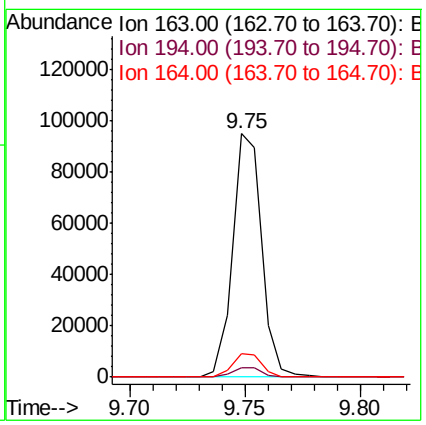


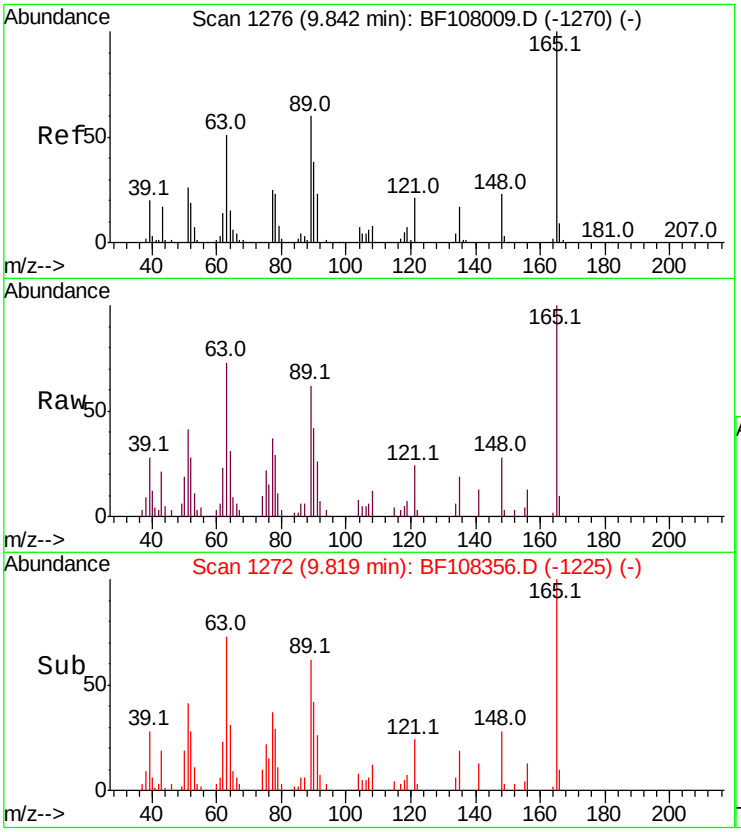


#49
Dimethylphthalate
Concen: 4.133 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:163 Resp: 83220

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.4	8.2	12.2



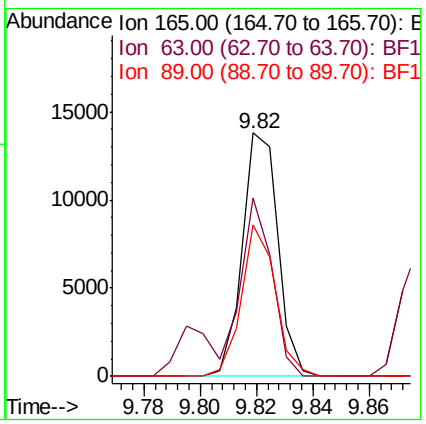


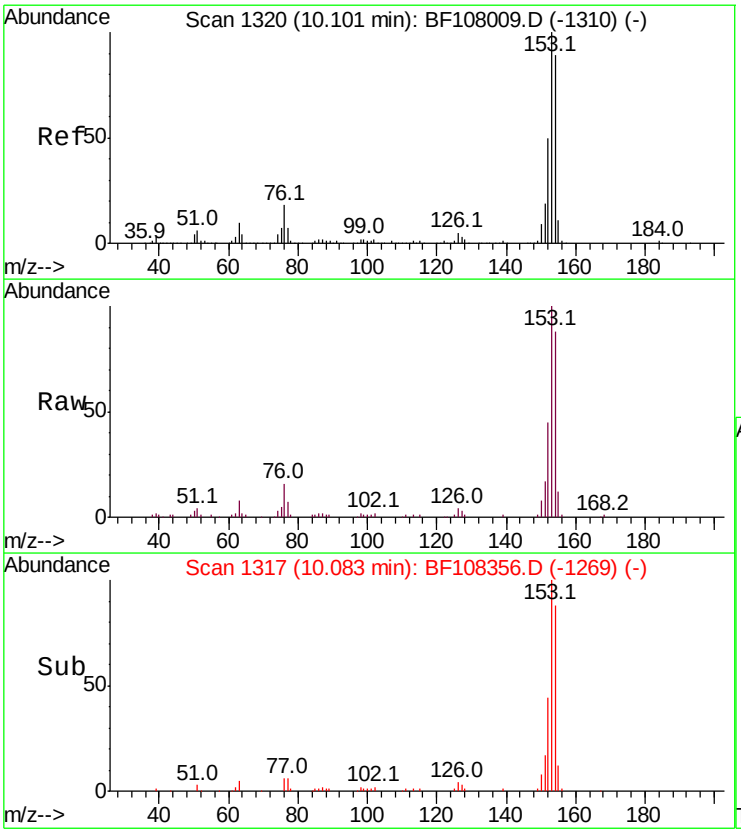
#50
2,6-Dinitrotoluene
Concen: 2.869 ng
RT: 9.82 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:165 Resp: 12086

Ion	Ratio	Lower	Upper
165	100		
63	73.3	44.7	67.1#
89	62.2	44.0	66.0

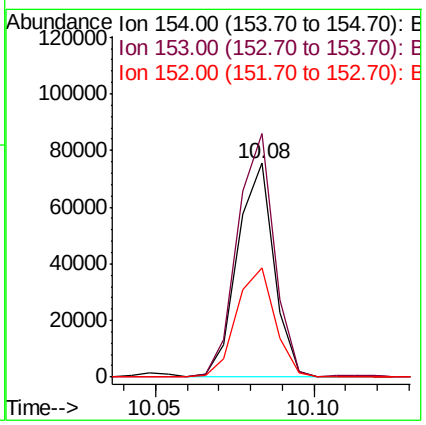


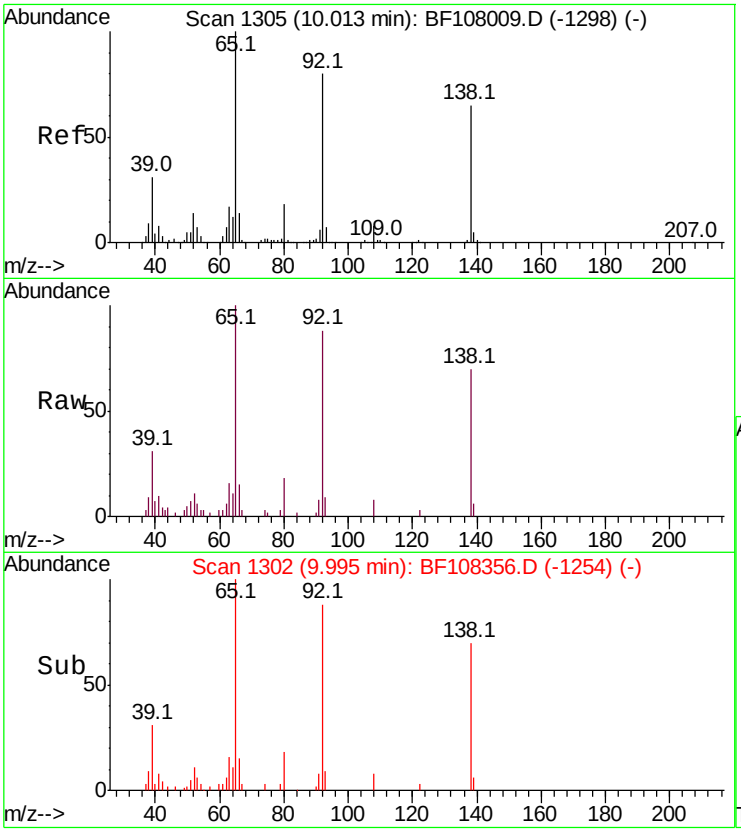


#51
Acenaphthene
Concen: 3.690 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:154 Resp: 60190

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	51.1	43.8	65.8



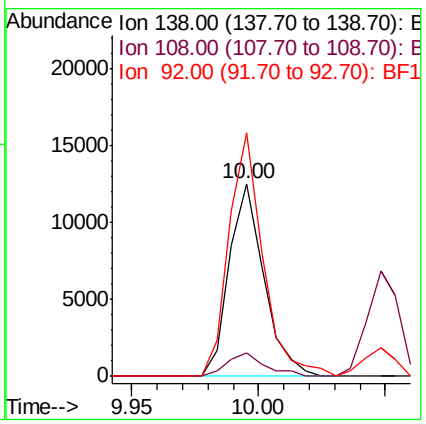


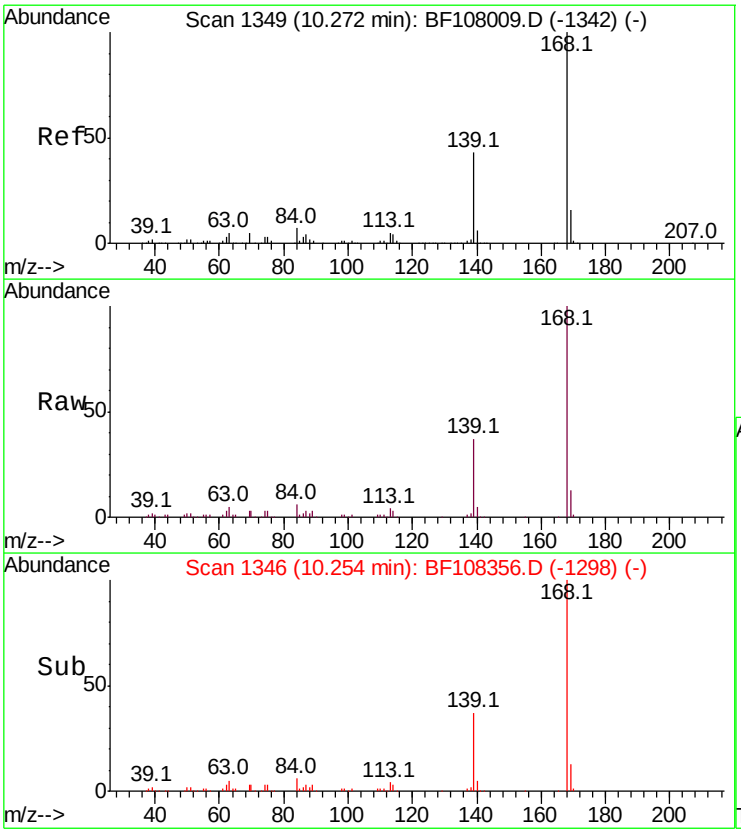
#52
3-Nitroaniline
Concen: 2.585 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:138 Resp: 11916

Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.4	14.0
92	126.2	89.4	134.2

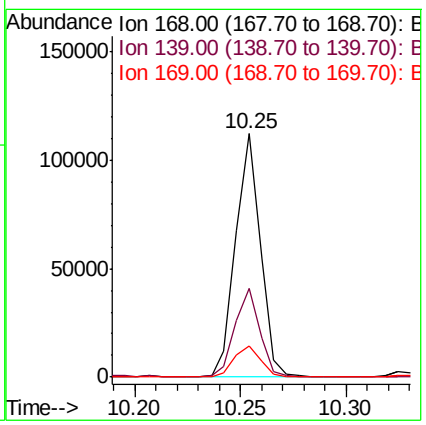


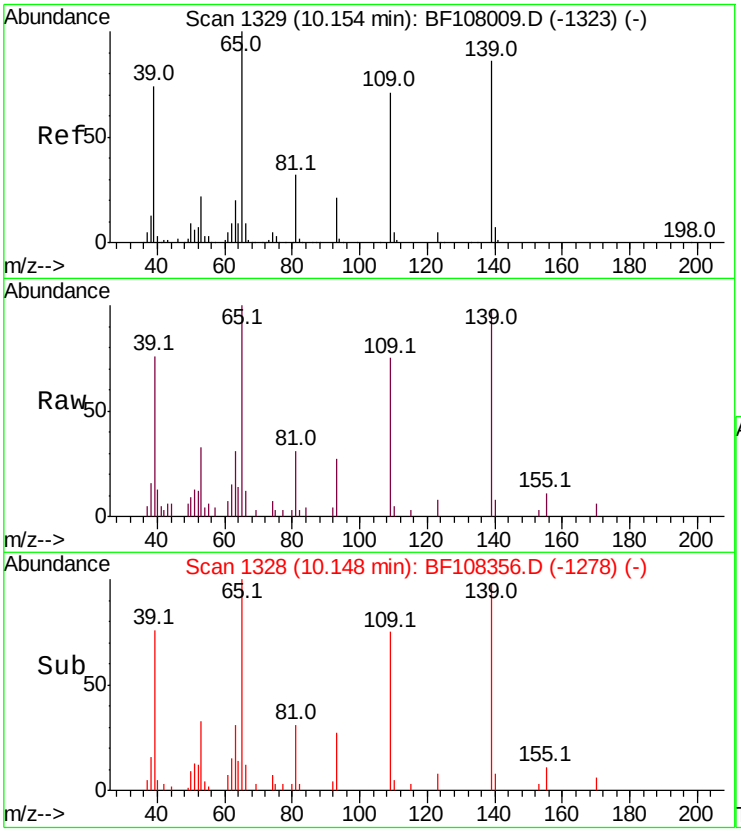


#54
Dibenzofuran
Concen: 3.839 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:168 Resp: 90732

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	12.9	10.9	16.3



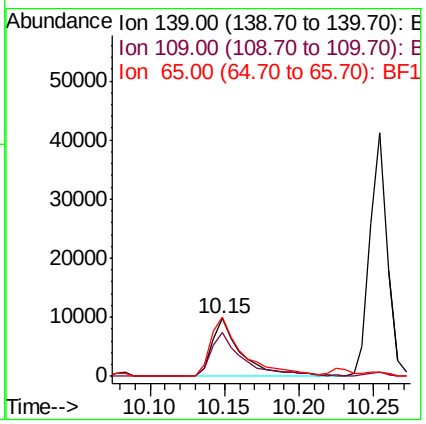


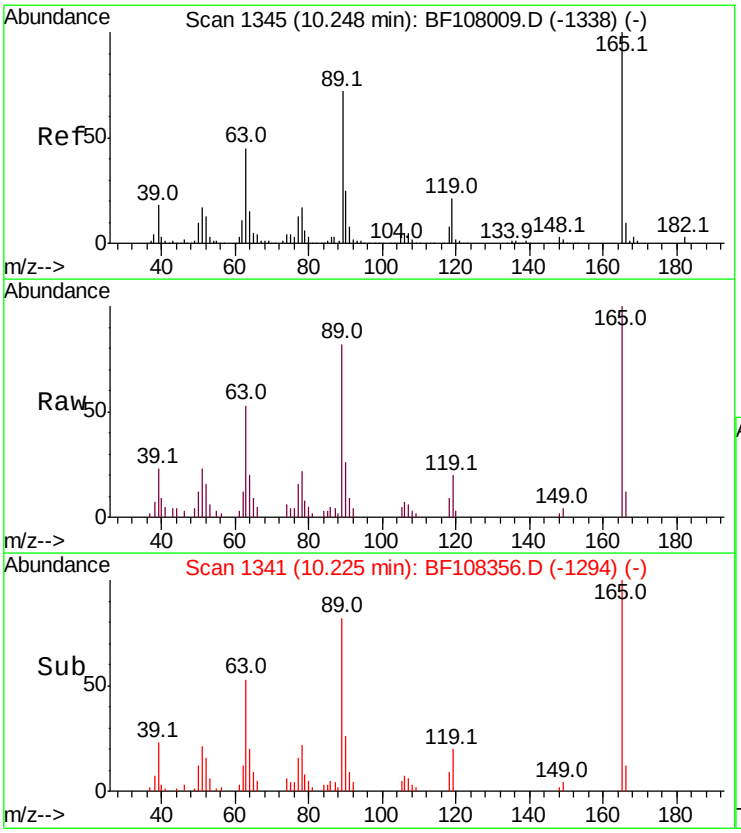
#55
4-Nitrophenol
Concen: 3.835 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:139 Resp: 13385

Ion	Ratio	Lower	Upper
139	100		
109	76.3	48.4	88.4
65	102.2	72.6	112.6

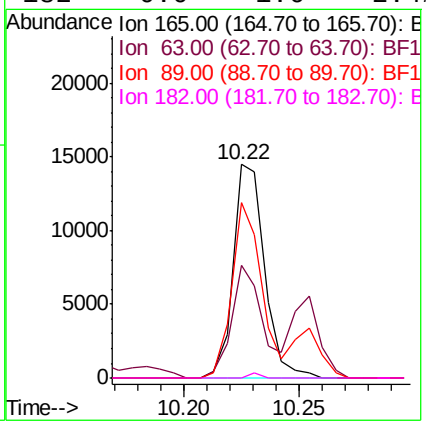


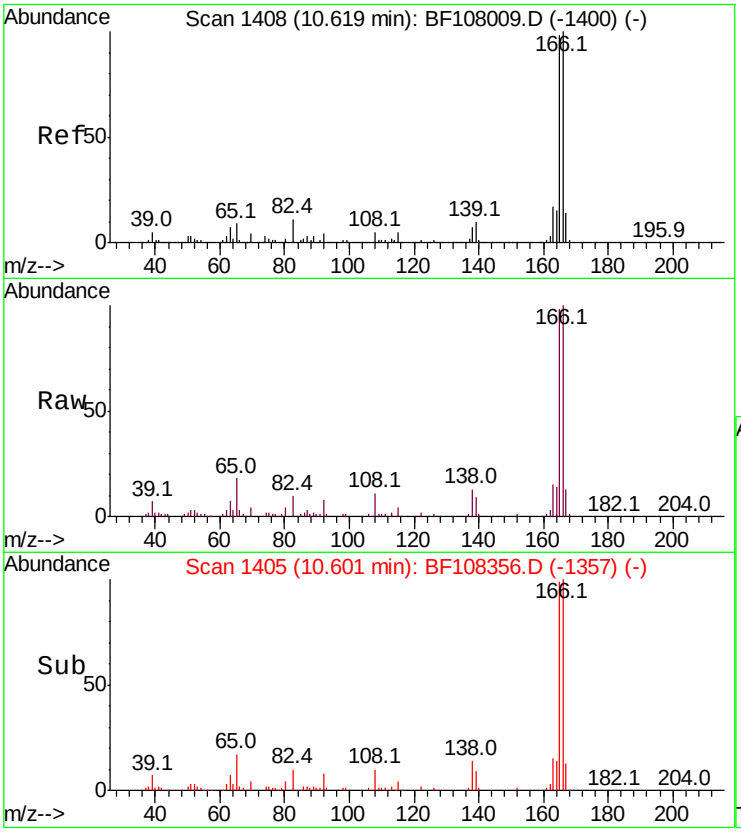


#56
2,4-Dinitrotoluene
Concen: 2.542 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:165 Resp: 13784

Ion	Ratio	Lower	Upper
165	100		
63	52.6	36.4	54.6
89	82.2	57.8	86.6
182	0.0	1.6	2.4#



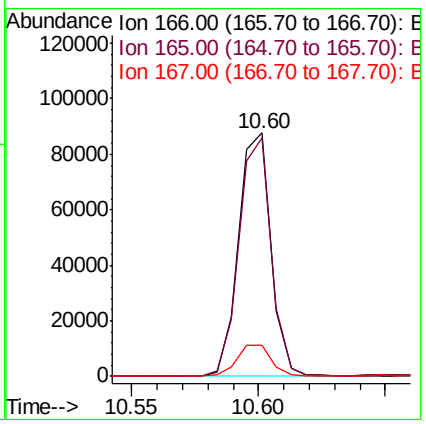


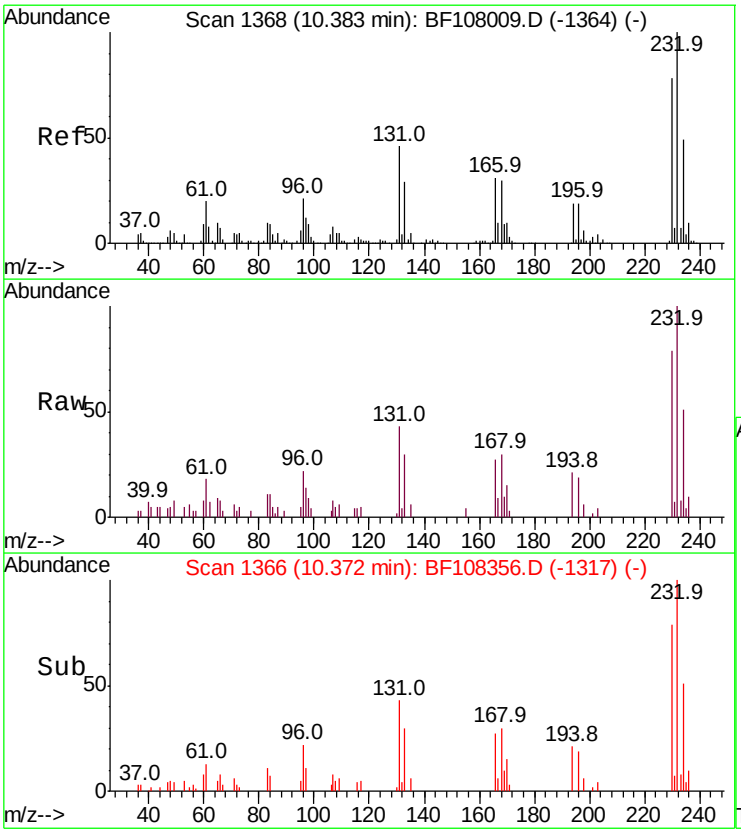
#57
Fluorene
Concen: 4.139 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:166 Resp: 77432

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	12.8	10.6	16.0

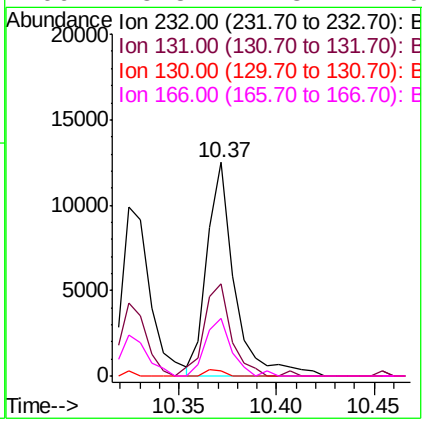


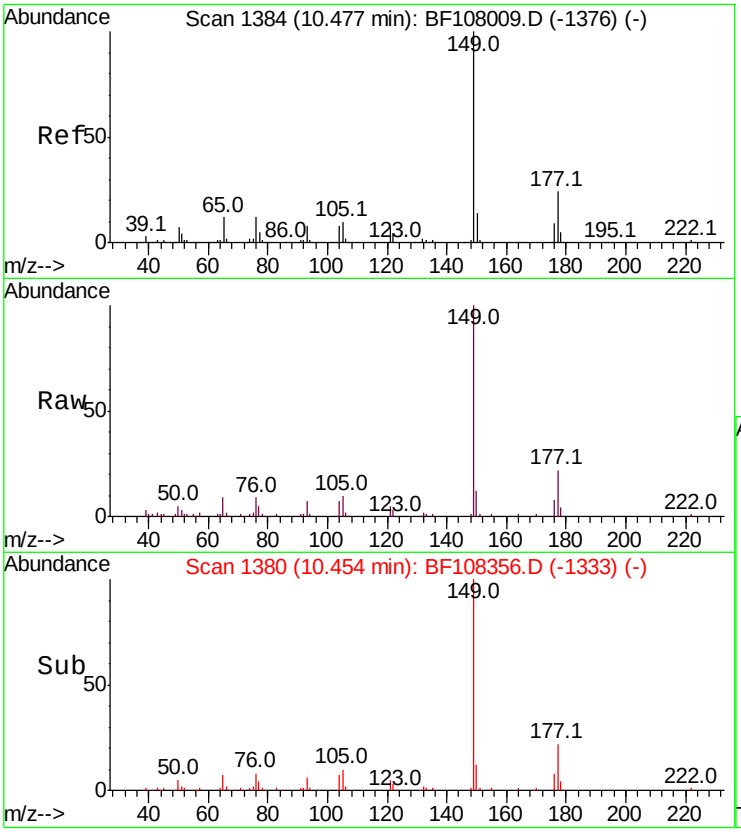


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.409 ng
RT: 10.37 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:232 Resp: 12211

Ion	Ratio	Lower	Upper
232	100		
131	42.7	43.8	65.8#
130	2.0	2.1	3.1#
166	25.8	27.8	41.6#



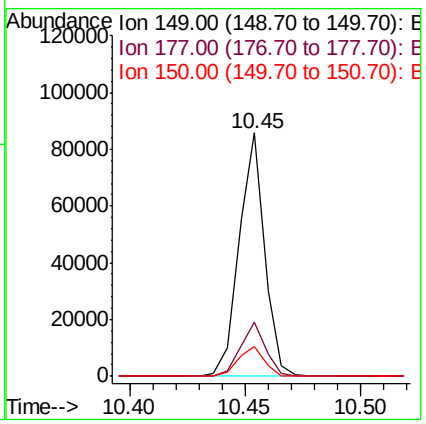


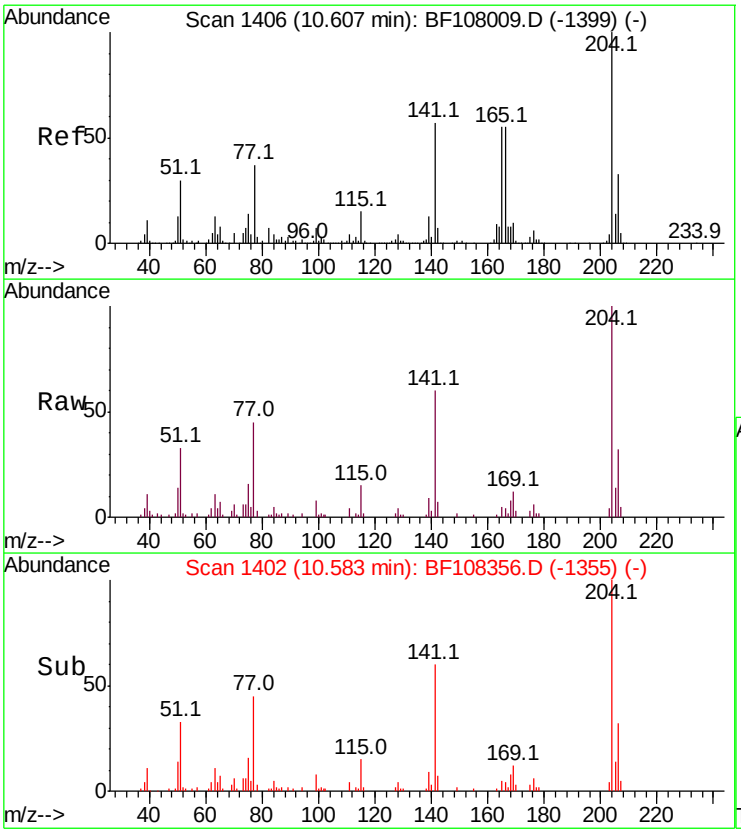
#59
Diethylphthalate
Concen: 3.382 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:149 Resp: 65951

Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.2	10.1	15.1

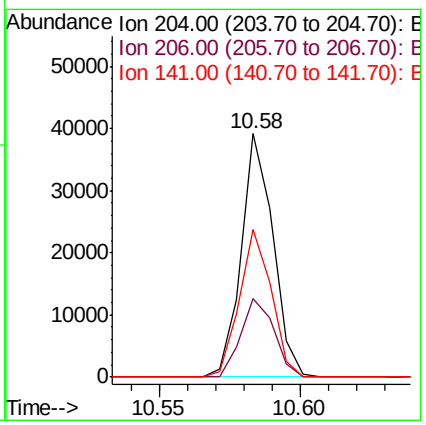


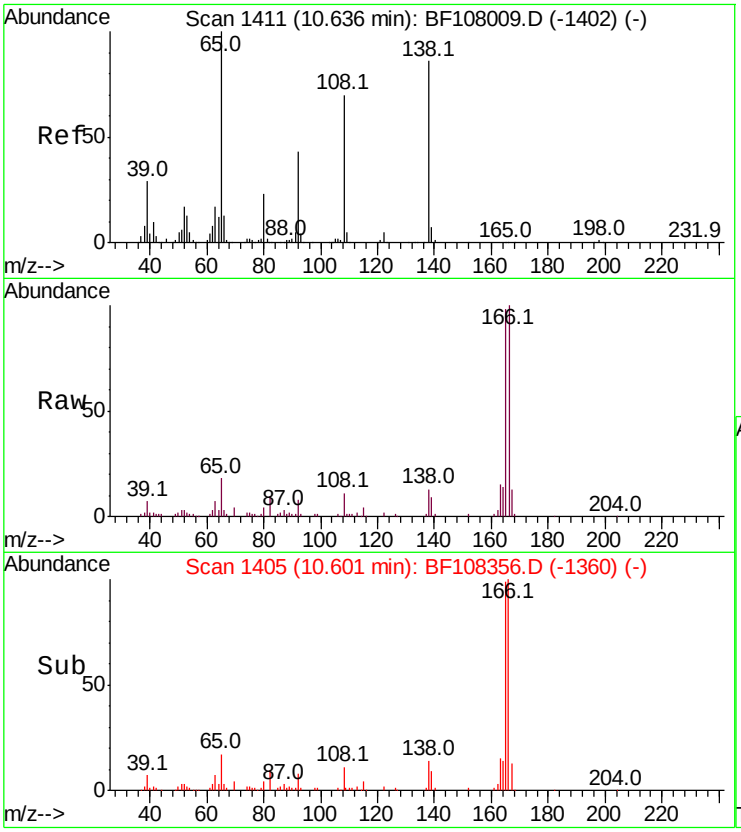


#60
4-Chlorophenyl-phenylether
Concen: 3.128 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:204 Resp: 30488

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	60.5	54.6	81.8



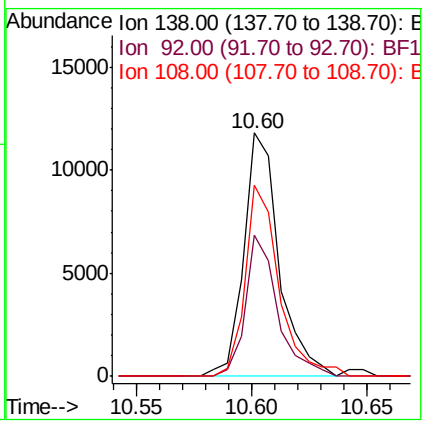


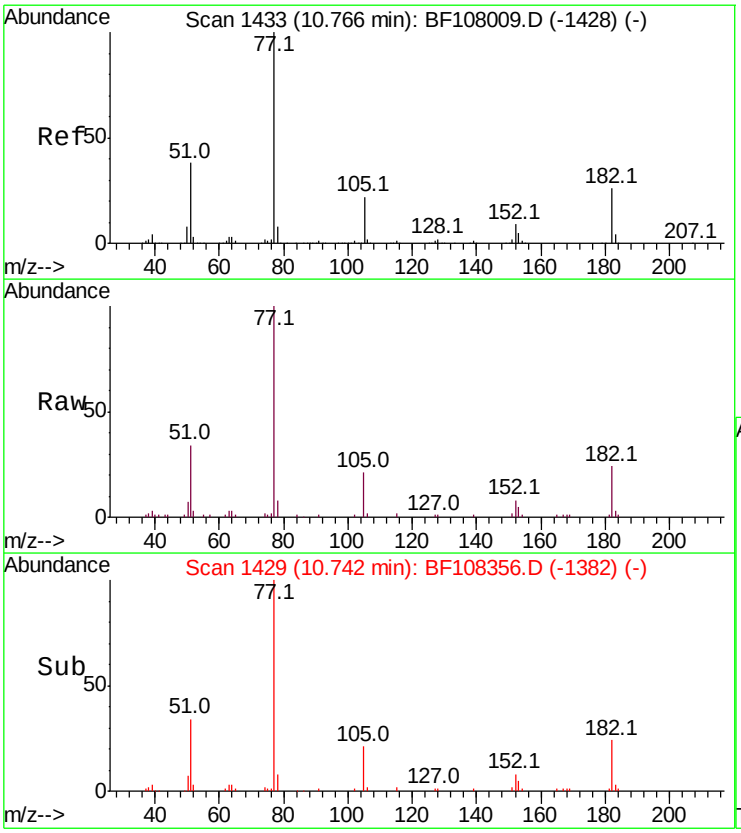
#61
4-Nitroaniline
Concen: 2.774 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.04 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:138 Resp: 12643

Ion	Ratio	Lower	Upper
138	100		
92	57.8	30.2	70.2
108	78.4	52.5	92.5

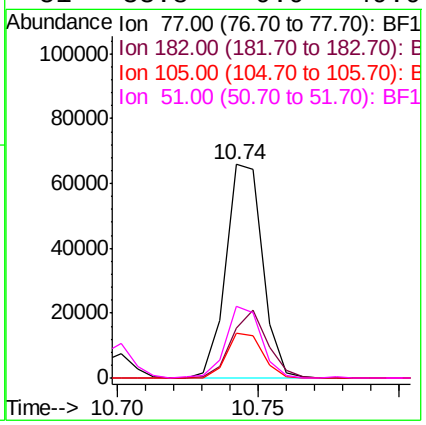


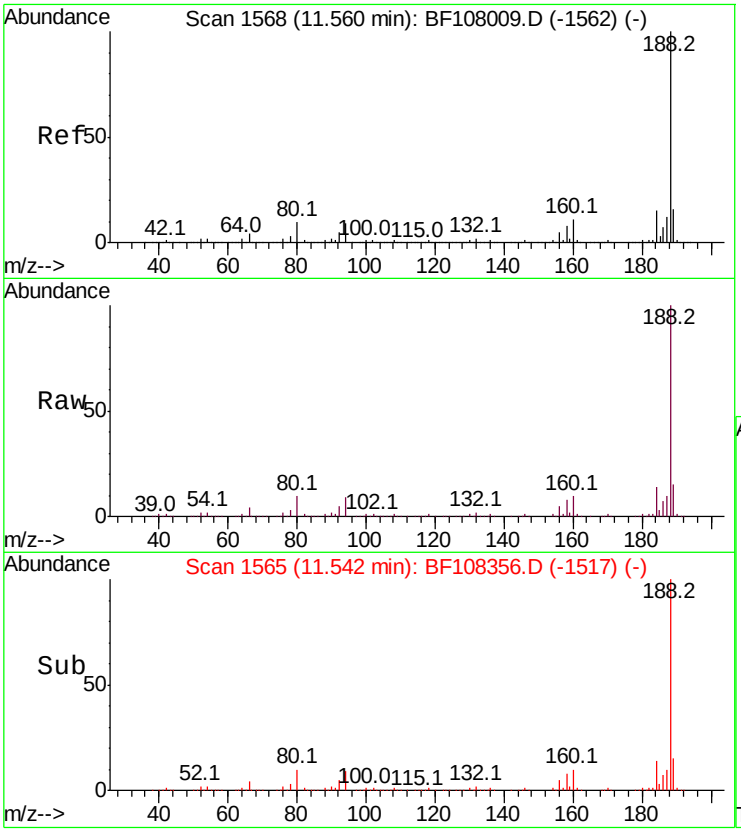


#62
Azobenzene
Concen: 2.948 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion: 77 Resp: 59366

Ion	Ratio	Lower	Upper
77	100		
182	23.6	1.7	41.7
105	21.0	3.0	43.0
51	33.8	9.9	49.9



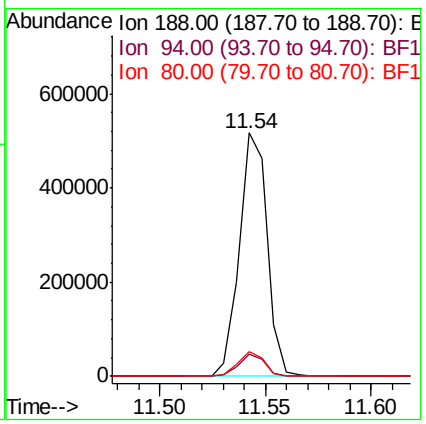


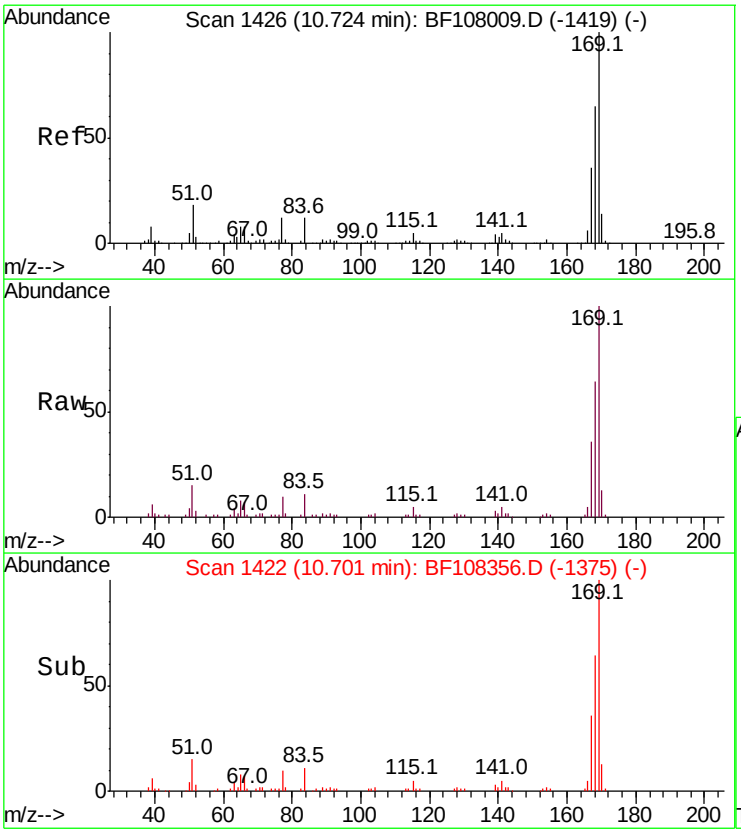
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:188 Resp: 471071

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8

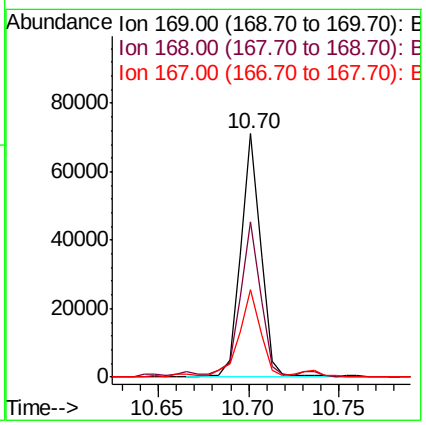


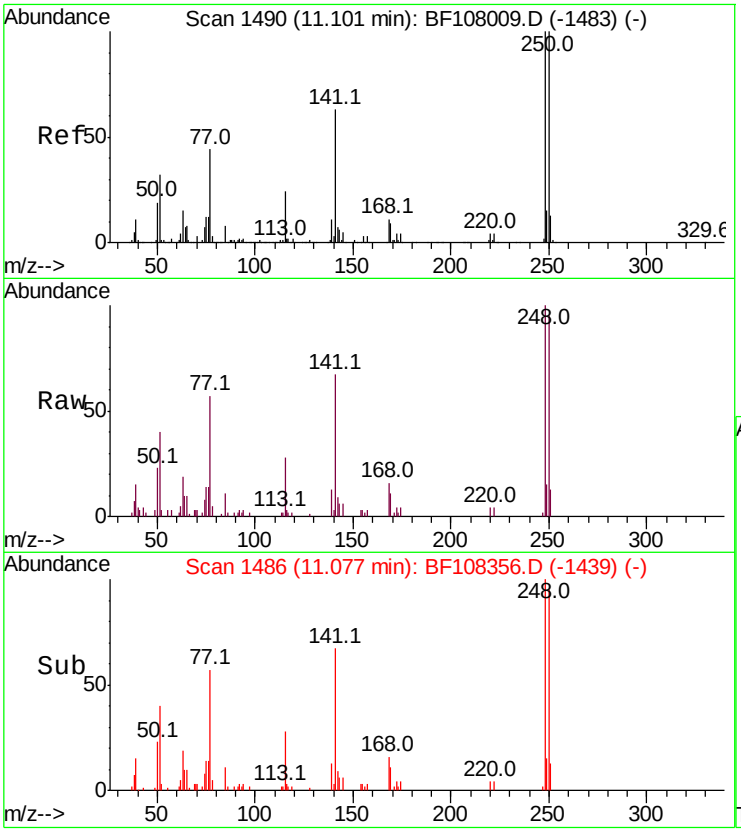


#65
n-Nitrosodiphenylamine
Concen: 3.952 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:169 Resp: 55012

Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	36.2	29.8	44.6



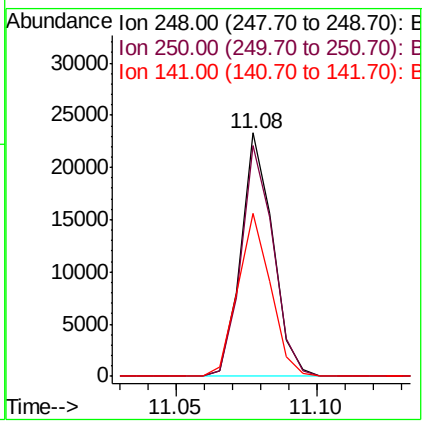


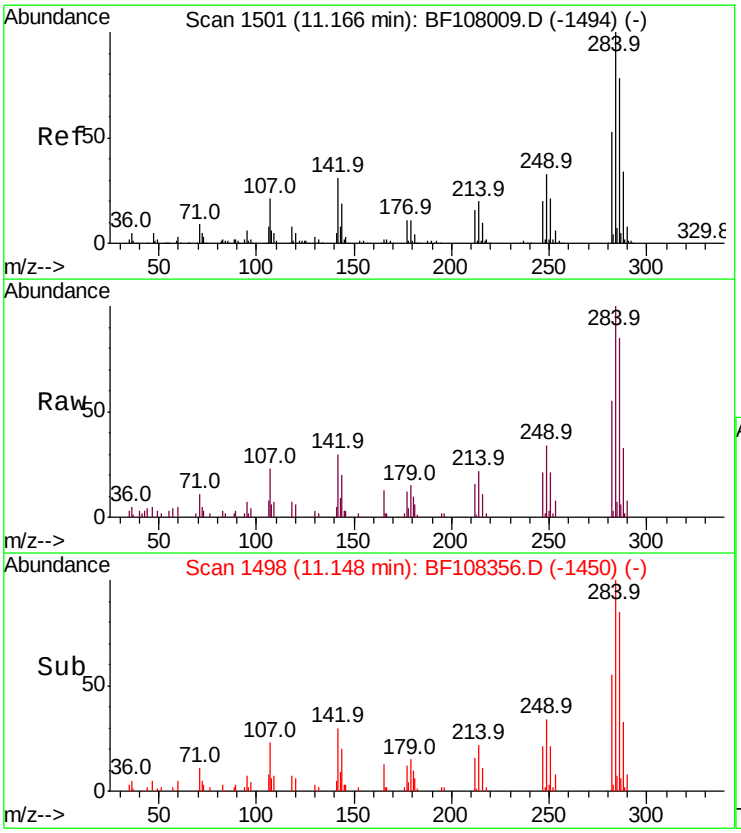
#66
4-Bromophenyl-phenylether
Concen: 3.556 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:248 Resp: 18206

Ion	Ratio	Lower	Upper
248	100		
250	94.6	76.9	115.3
141	66.8	74.4	111.6#

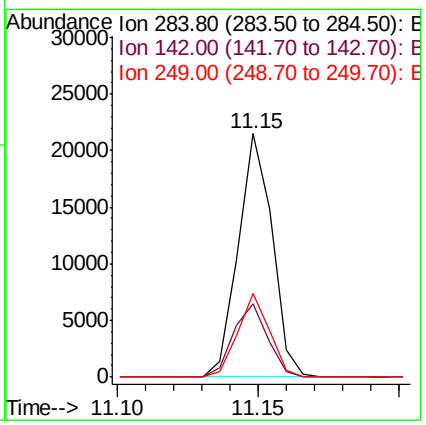


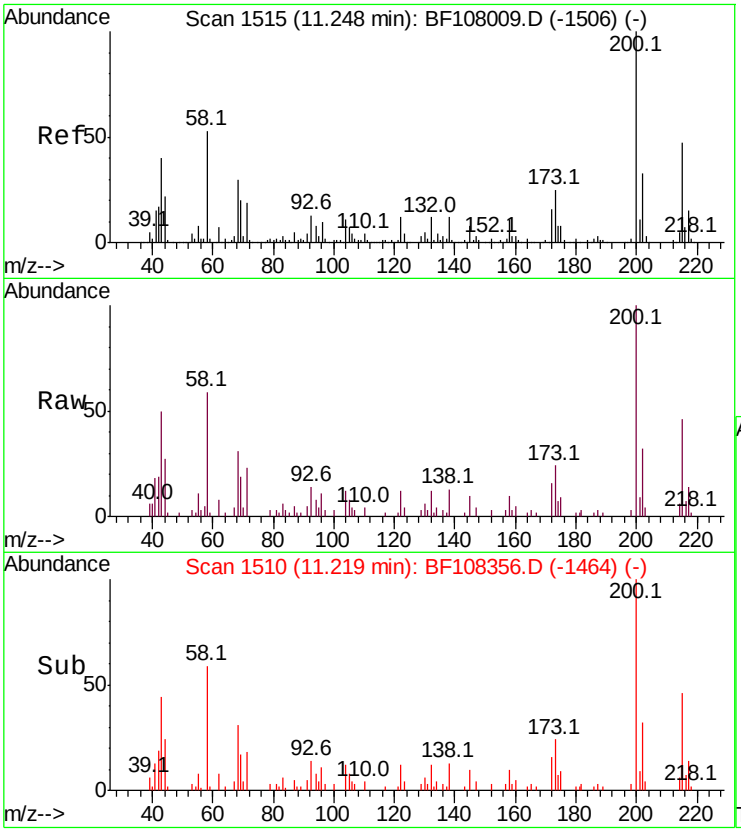


#67
Hexachlorobenzene
Concen: 3.330 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:284 Resp: 17938

Ion	Ratio	Lower	Upper
284	100		
142	30.1	34.6	52.0#
249	34.4	24.8	37.2



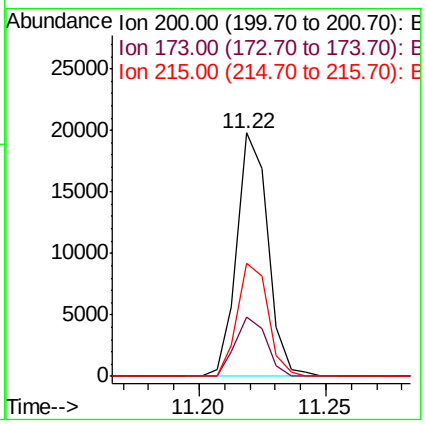


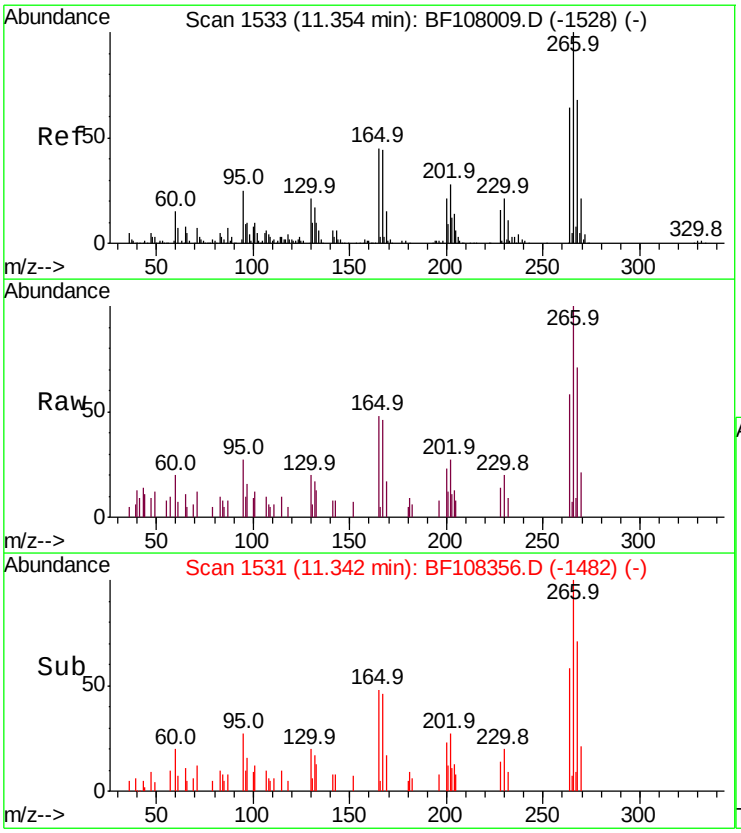
#68
Atrazine
Concen: 3.620 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:200 Resp: 16901

Ion	Ratio	Lower	Upper
200	100		
173	24.4	8.6	48.6
215	46.2	25.1	65.1

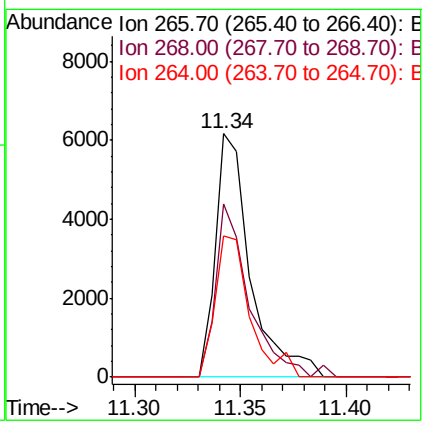


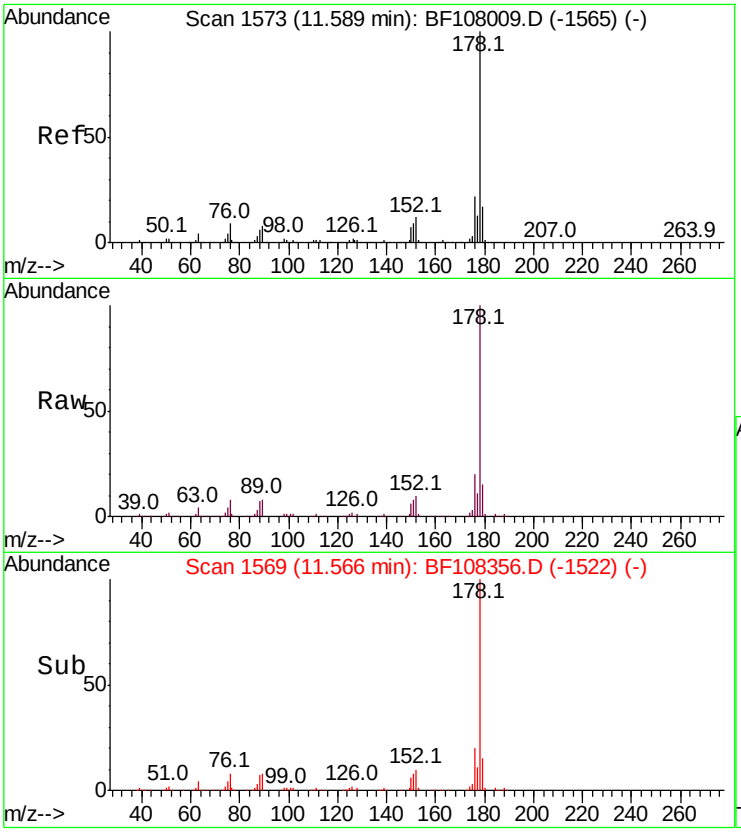


#69
Pentachlorophenol
Concen: 2.760 ng
RT: 11.34 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:266 Resp: 7115

Ion	Ratio	Lower	Upper
266	100		
268	71.1	51.1	76.7
264	58.0	49.5	74.3



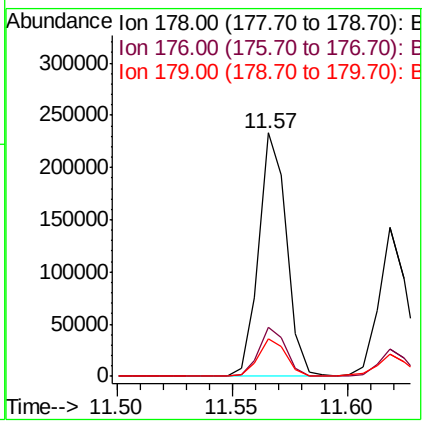


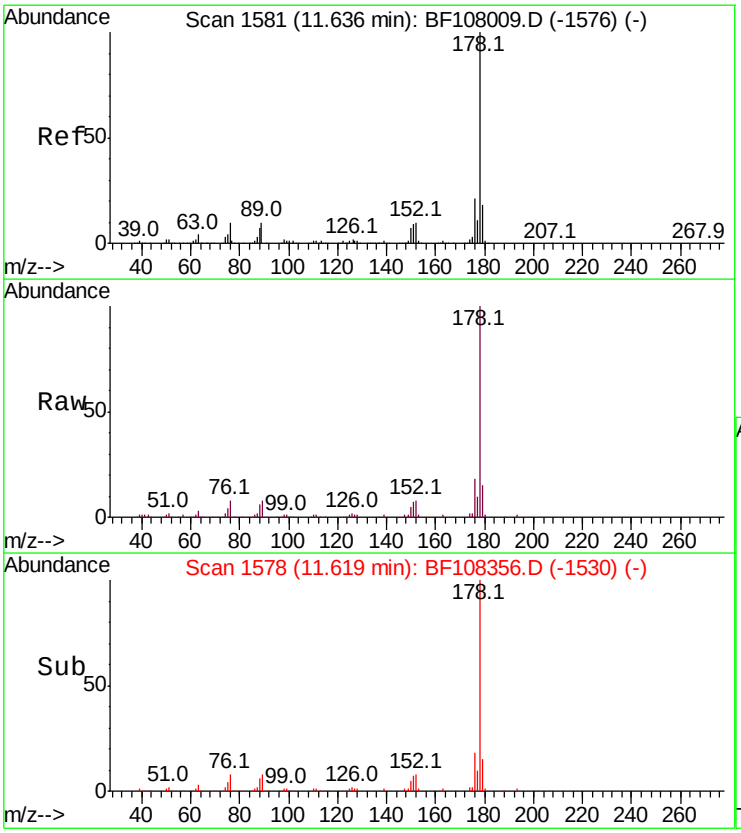
#70
Phenanthrene
Concen: 8.847 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:178 Resp: 196563

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.2	13.0	19.6

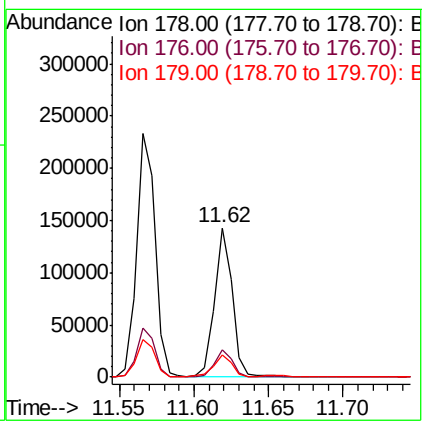


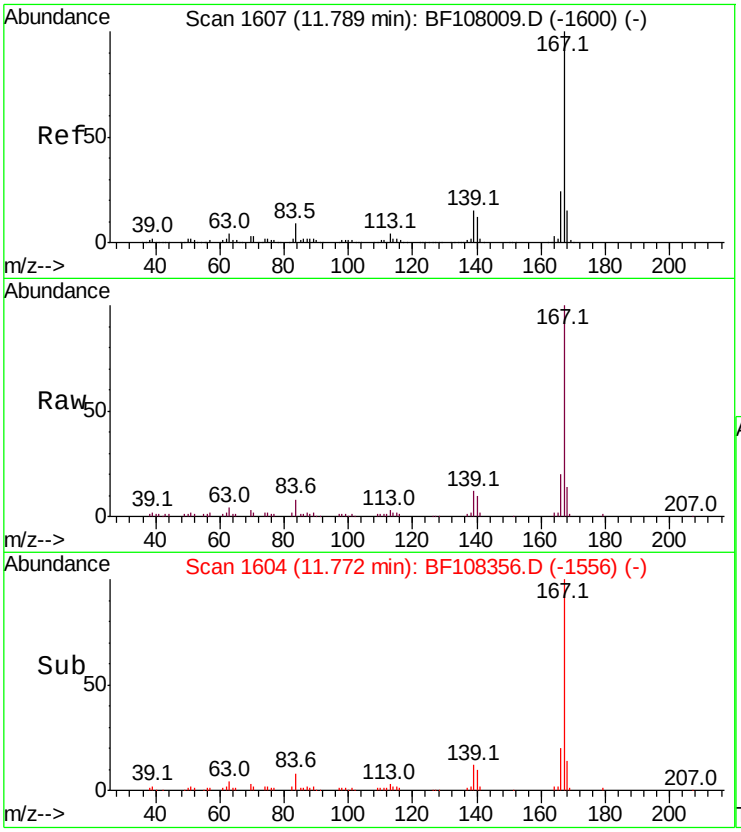


#71
Anthracene
Concen: 5.238 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:178 Resp: 119279

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.8	12.6	19.0



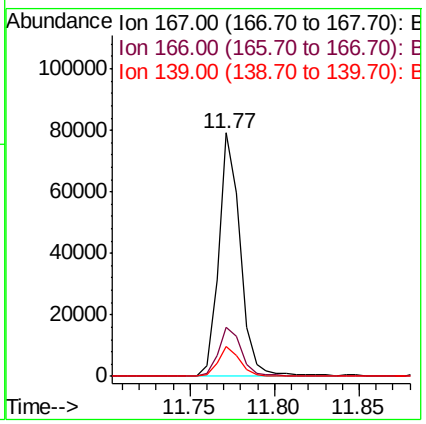


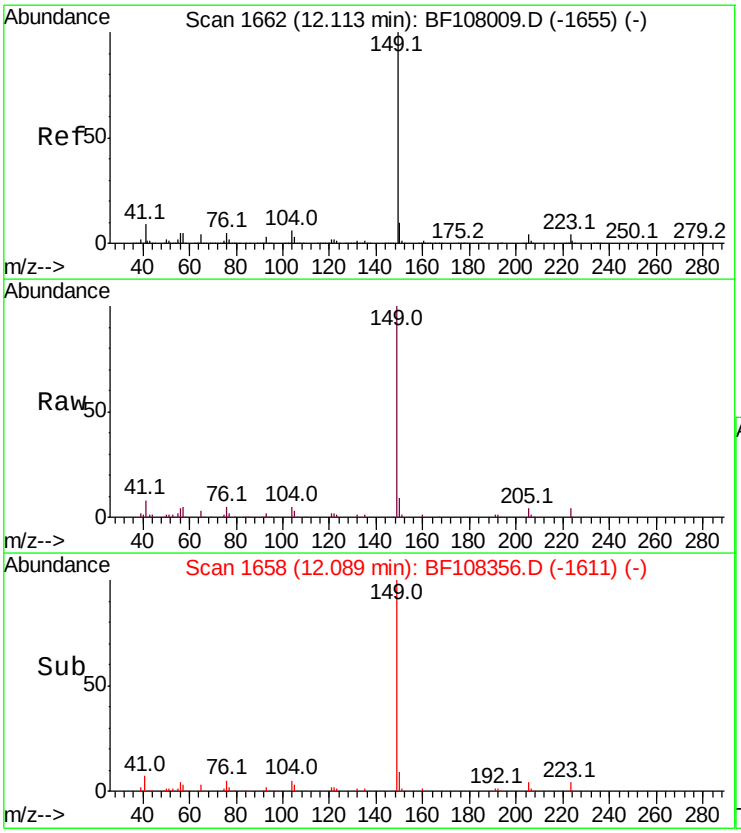
#72
Carbazole
Concen: 3.480 ng
RT: 11.77 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:167 Resp: 70405

Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.6	26.4
139	12.5	10.9	16.3

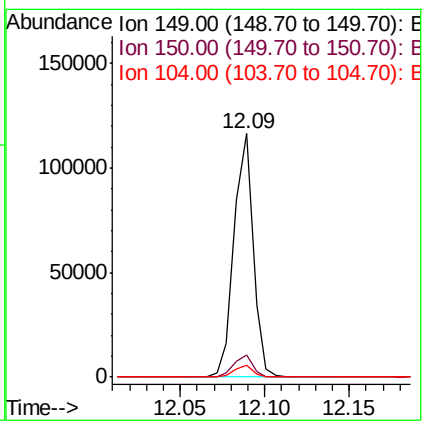


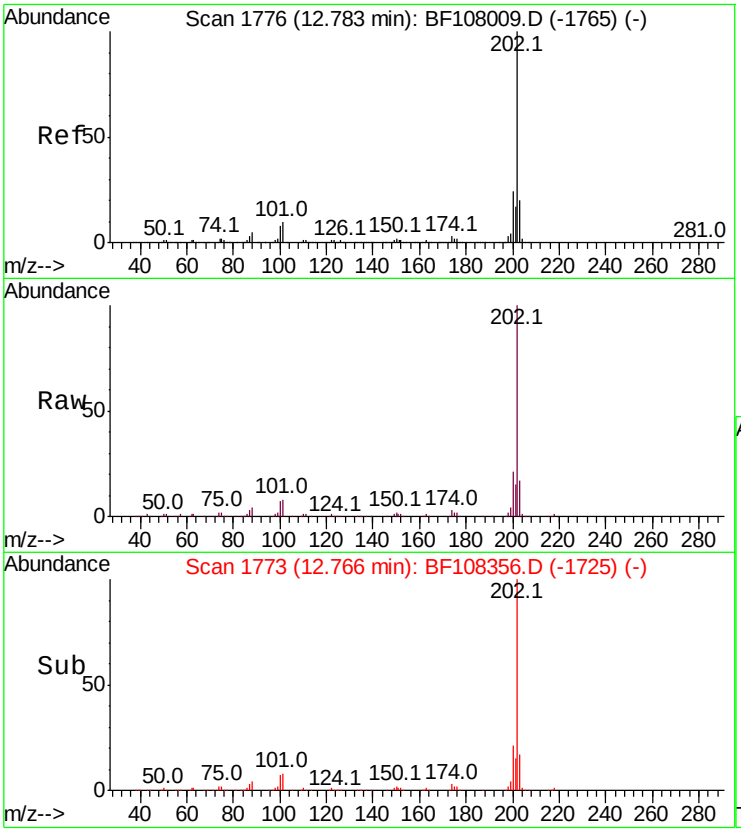


#73
Di-n-butylphthalate
Concen: 4.009 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:149 Resp: 91877

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.7	3.8	5.8



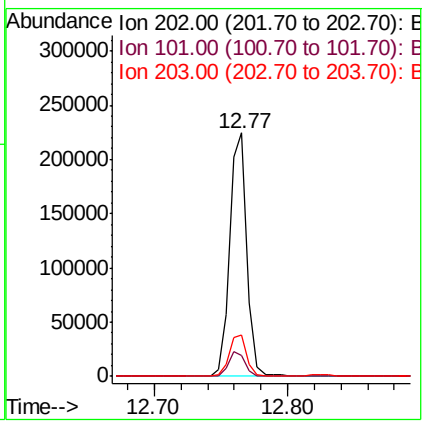


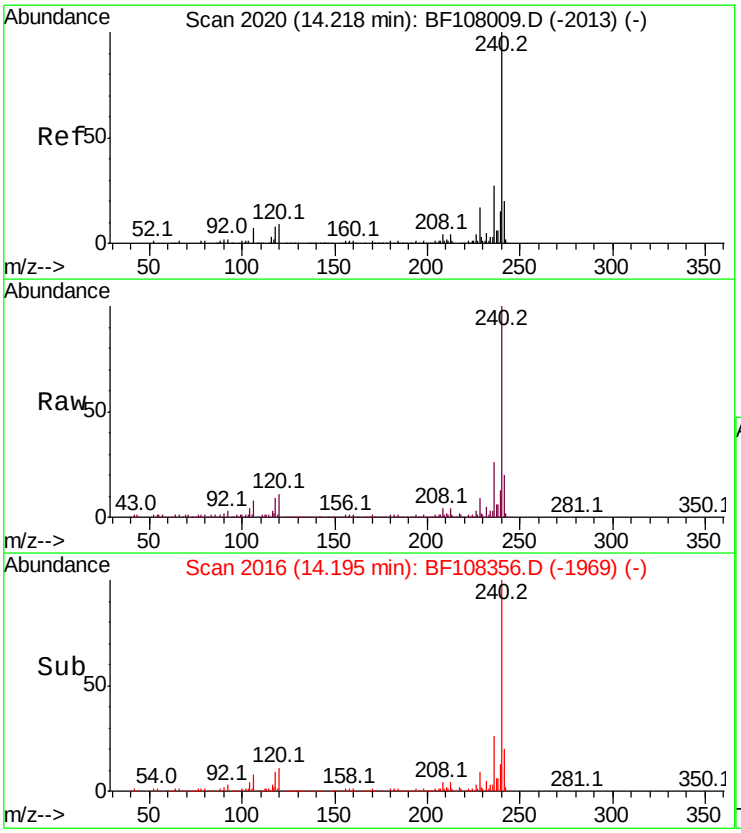
#74
Fluoranthene
Concen: 8.359 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:202 Resp: 202707

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	34.1
203	17.0	0.0	38.1

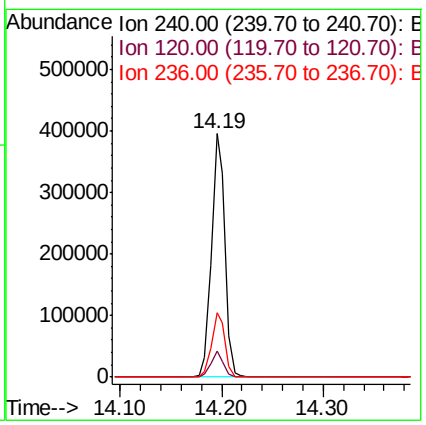


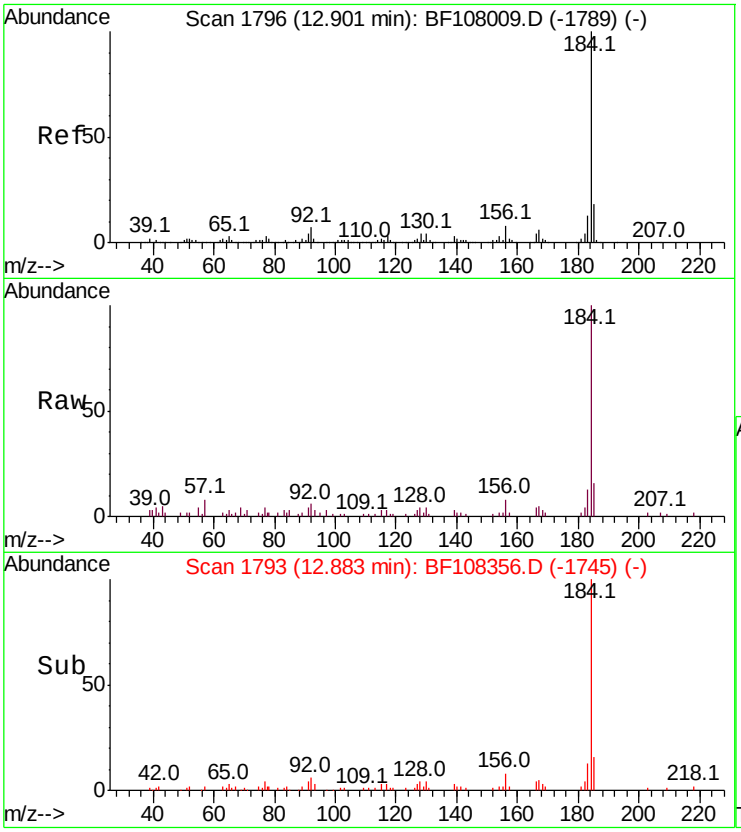


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:240 Resp: 361598

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.4	20.7	31.1



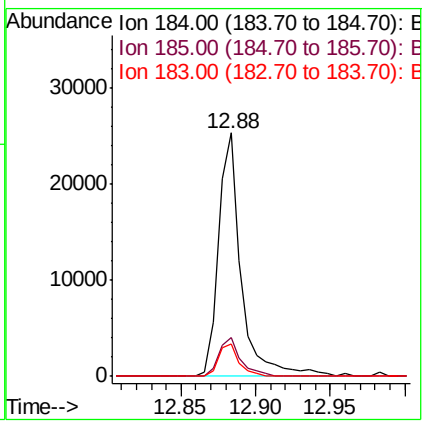


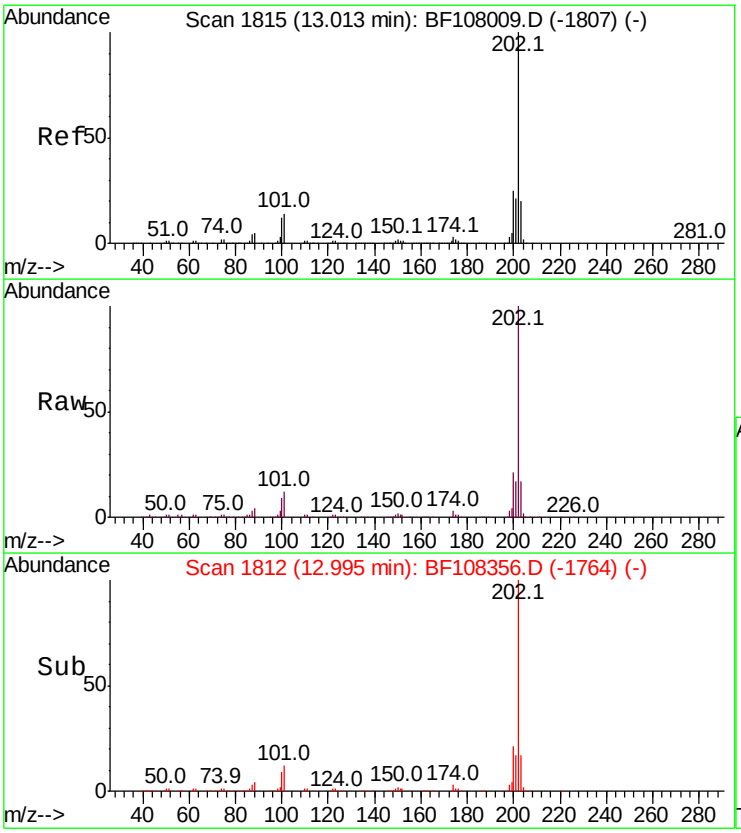
#76
Benzidine
Concen: 2.006 ng
RT: 12.88 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:184 Resp: 27107

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	18.8
183	13.4	9.3	13.9

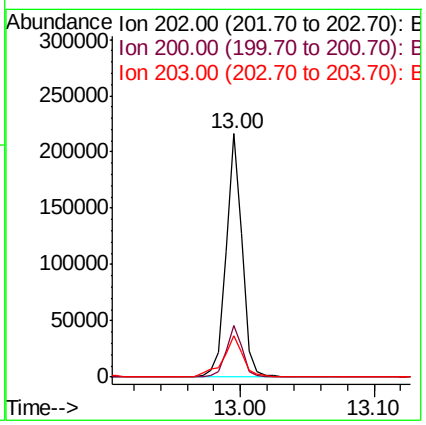


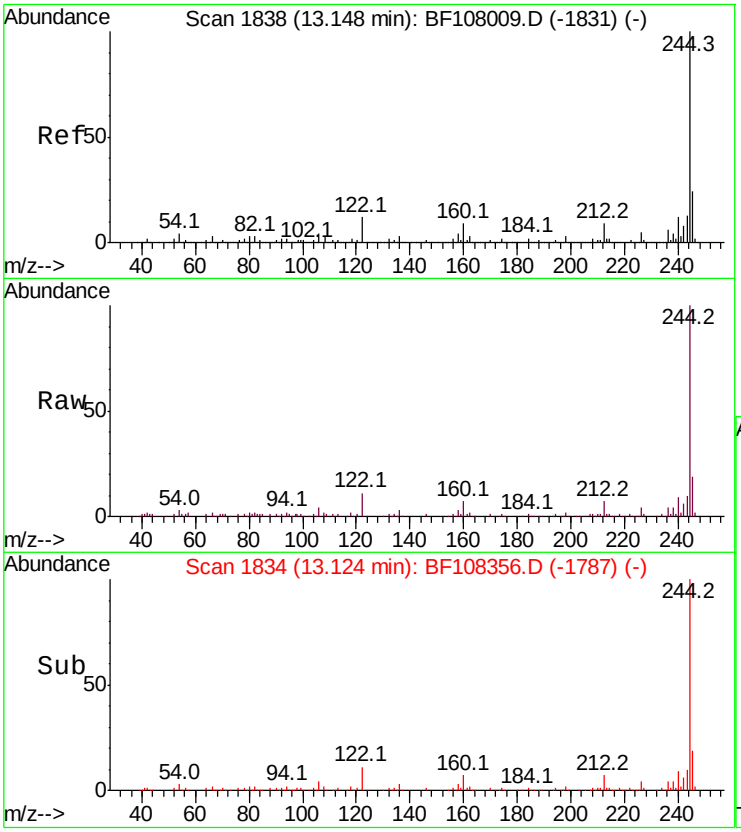


#77
Pyrene
Concen: 8.031 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:202 Resp: 183859

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.0	14.3	21.5



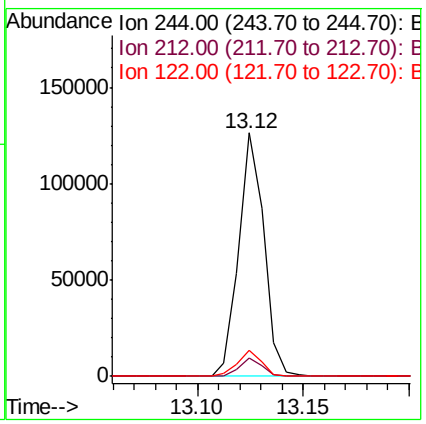


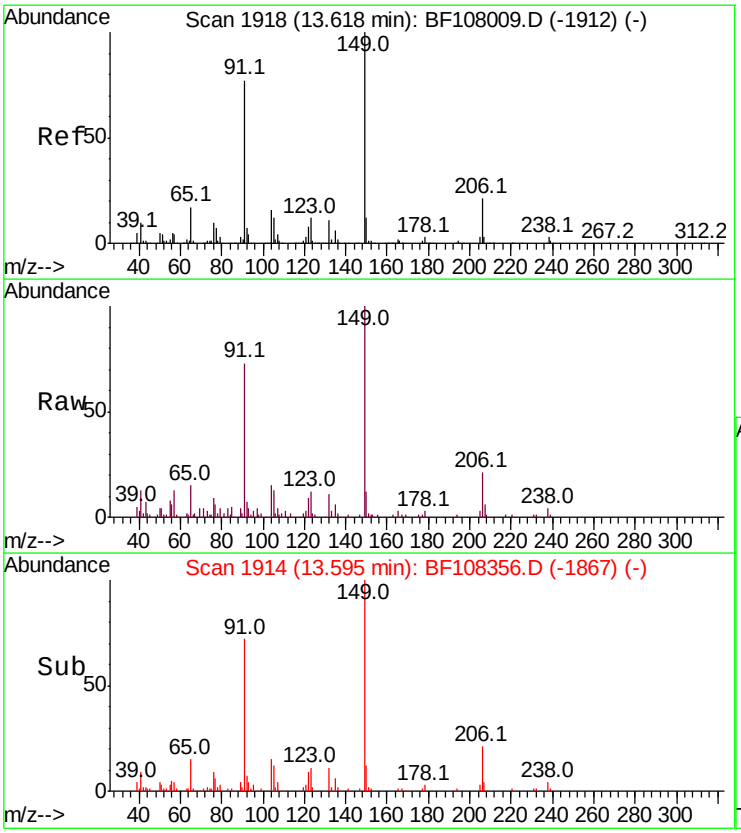
#78
Terphenyl-d14
Concen: 7.326 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:244 Resp: 104185

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.6	11.0	16.4#

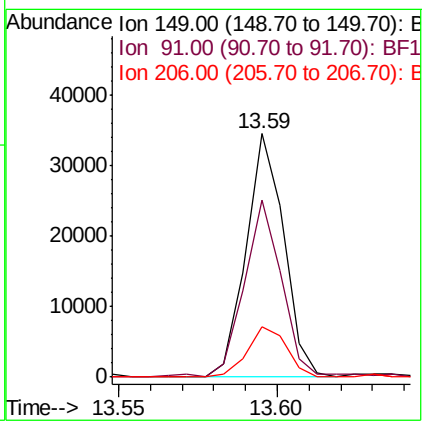


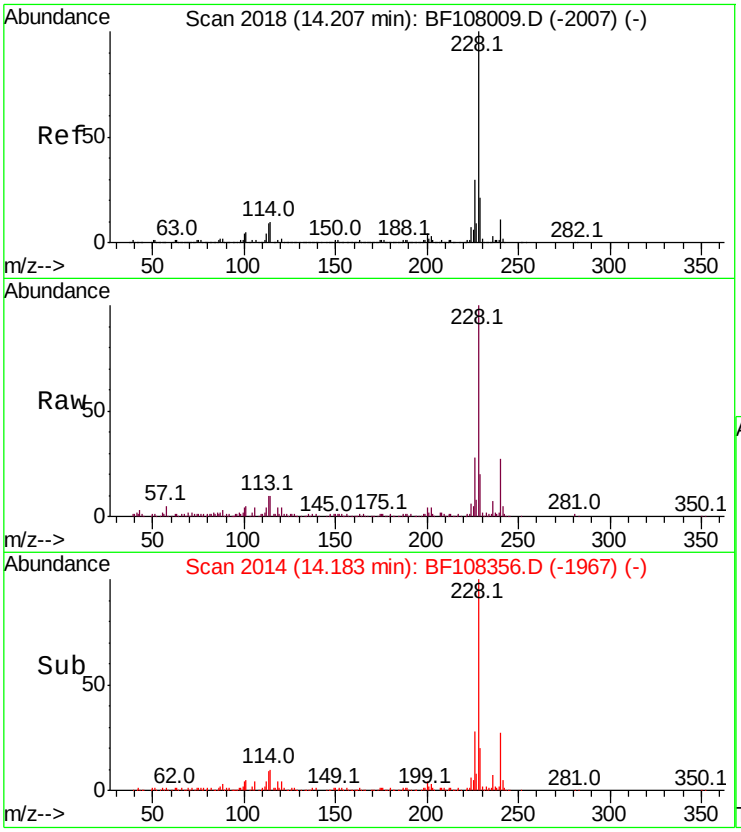


#79
Butylbenzylphthalate
Concen: 3.149 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:149 Resp: 28622

Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.8	85.2
206	20.7	14.1	21.1



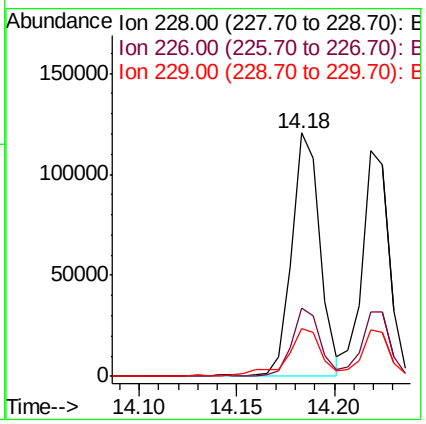


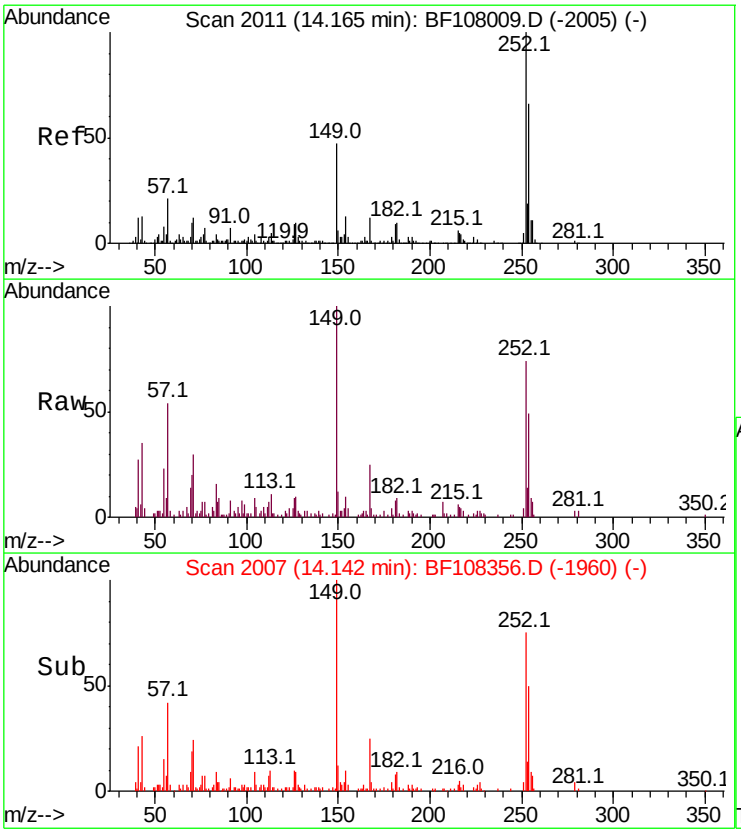
#80
Benzo(a)anthracene
Concen: 5.838 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:228 Resp: 121155

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

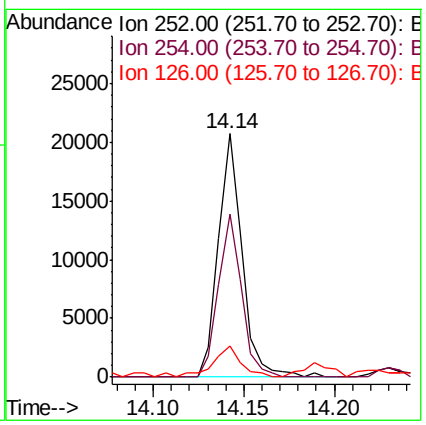


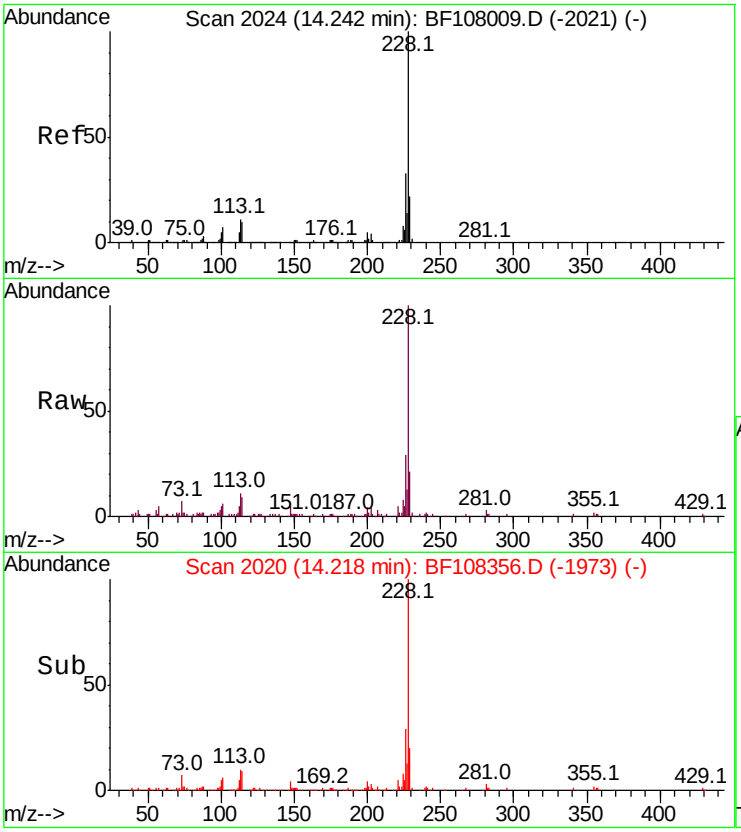


#81
3,3'-Dichlorobenzidine
Concen: 2.544 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:252 Resp: 18923

Ion	Ratio	Lower	Upper
252	100		
254	66.8	50.4	75.6
126	12.8	11.3	16.9



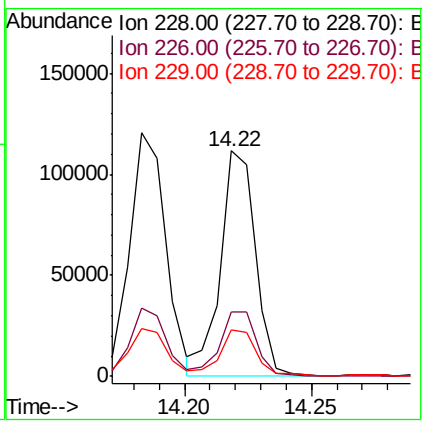


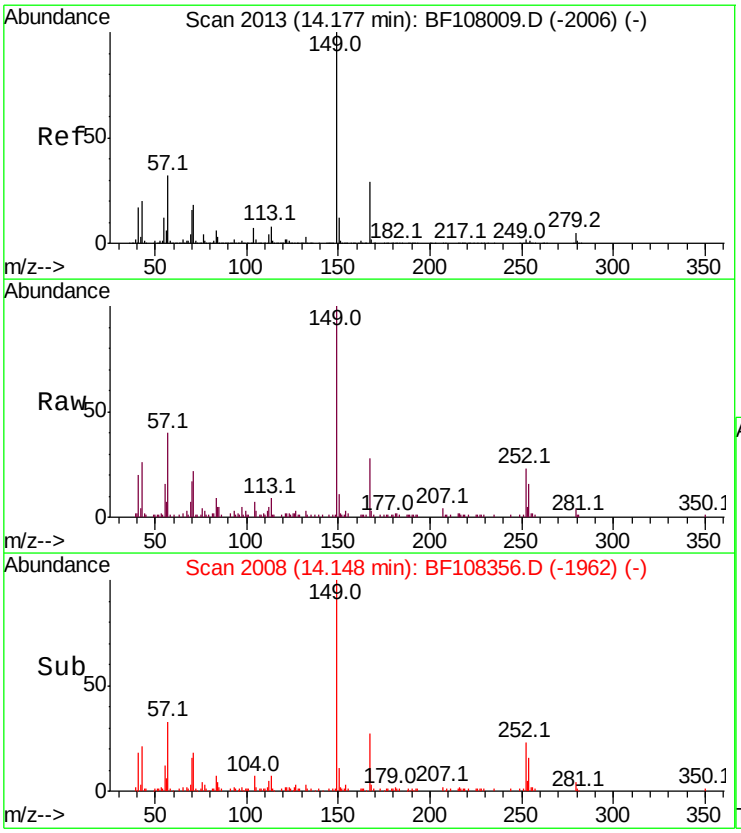
#82
Chrysene
Concen: 5.642 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:228 Resp: 107338

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	20.7	16.2	24.4

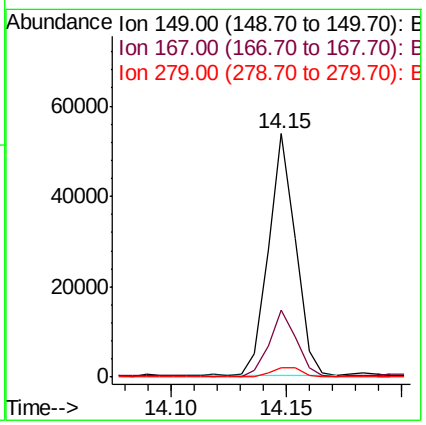


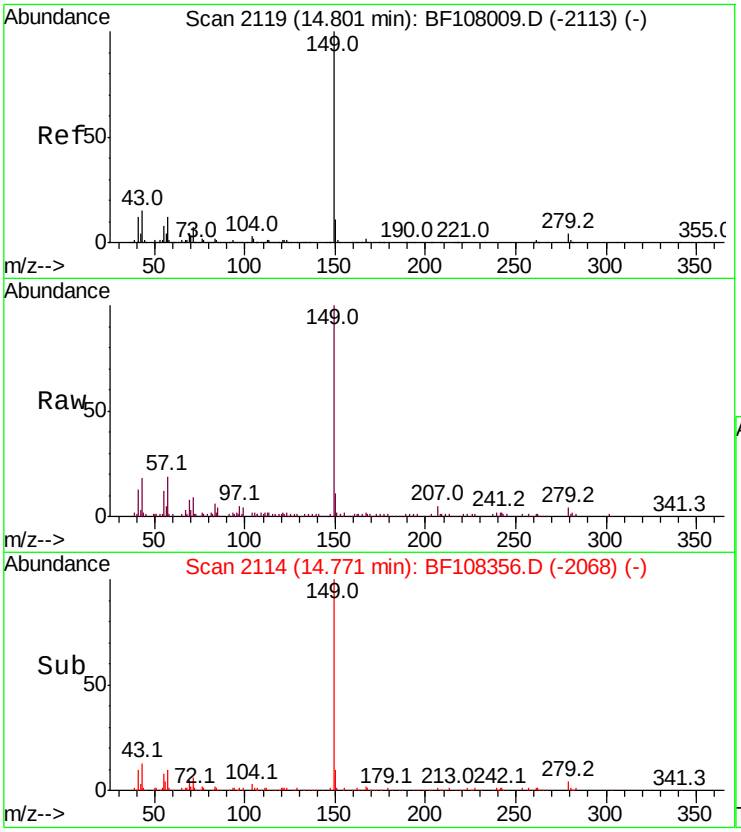


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.555 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:149 Resp: 43762

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.9	3.0	4.4



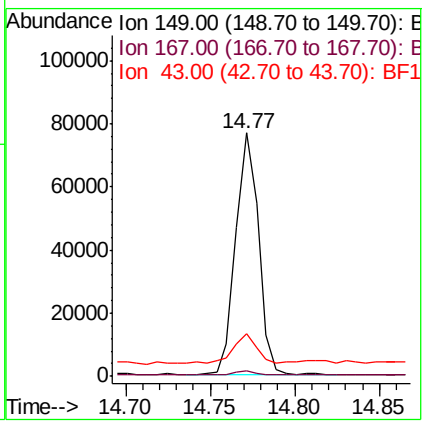


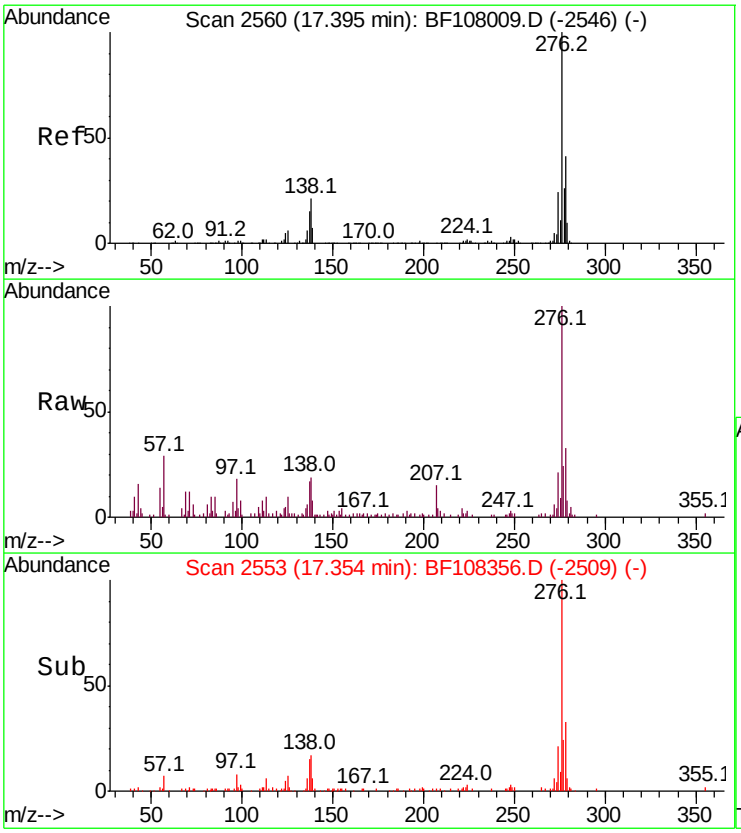
#84
Di-n-octyl phthalate
Concen: 3.857 ng
RT: 14.77 min Scan# 2114
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:149 Resp: 72414

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.8	8.4	12.6#

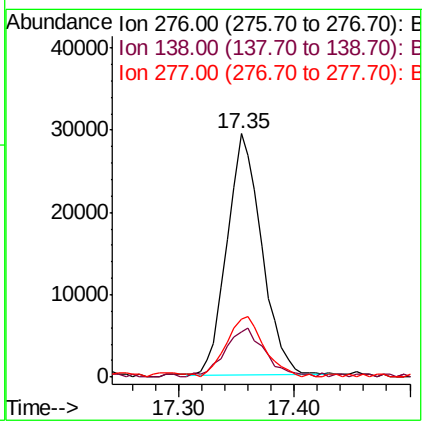


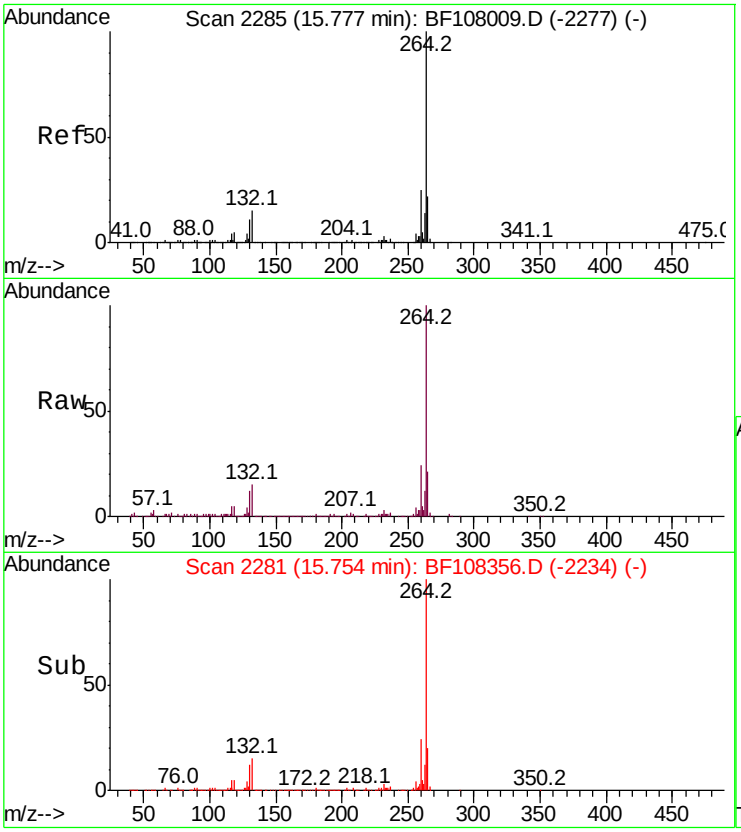


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.697 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.04 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:276 Resp: 60941

Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	27.3	20.1	30.1



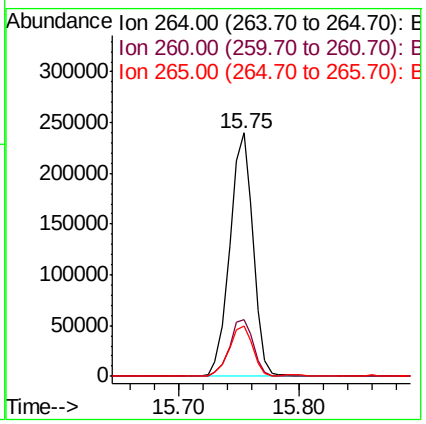


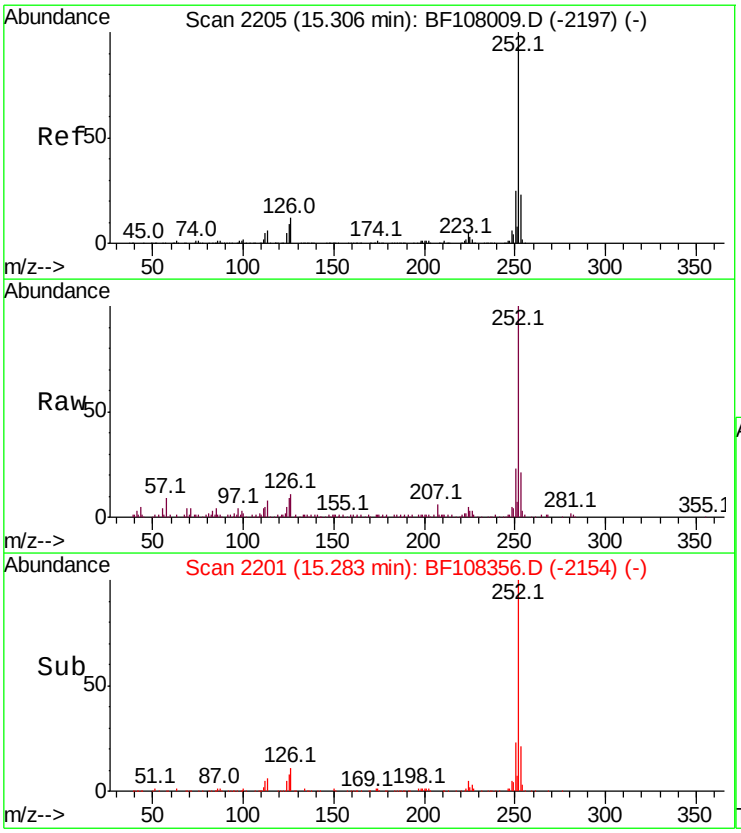
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:264 Resp: 321319

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	17.5	26.3

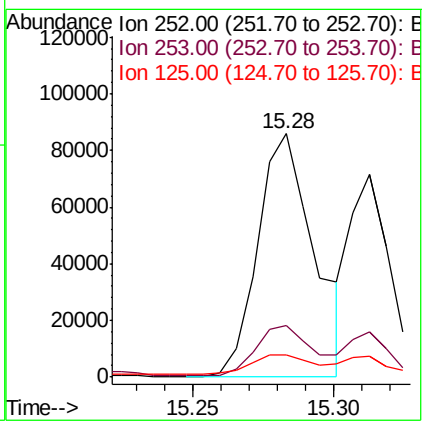


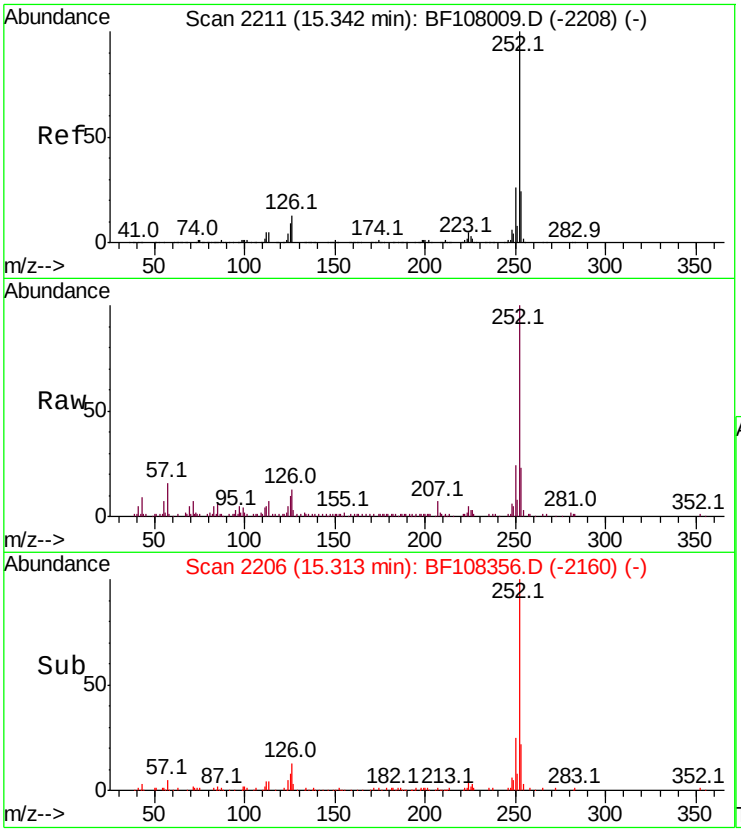


#87
Benzo(b)fluoranthene
Concen: 6.224 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:252 Resp: 119509

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	9.3	9.0	13.6



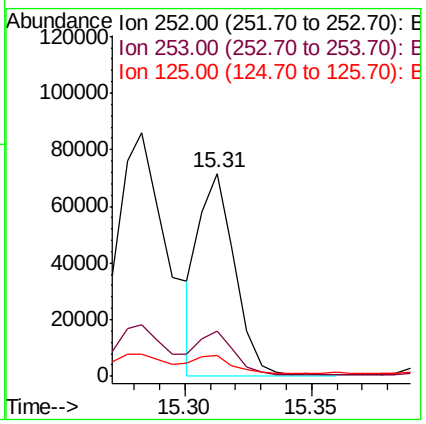


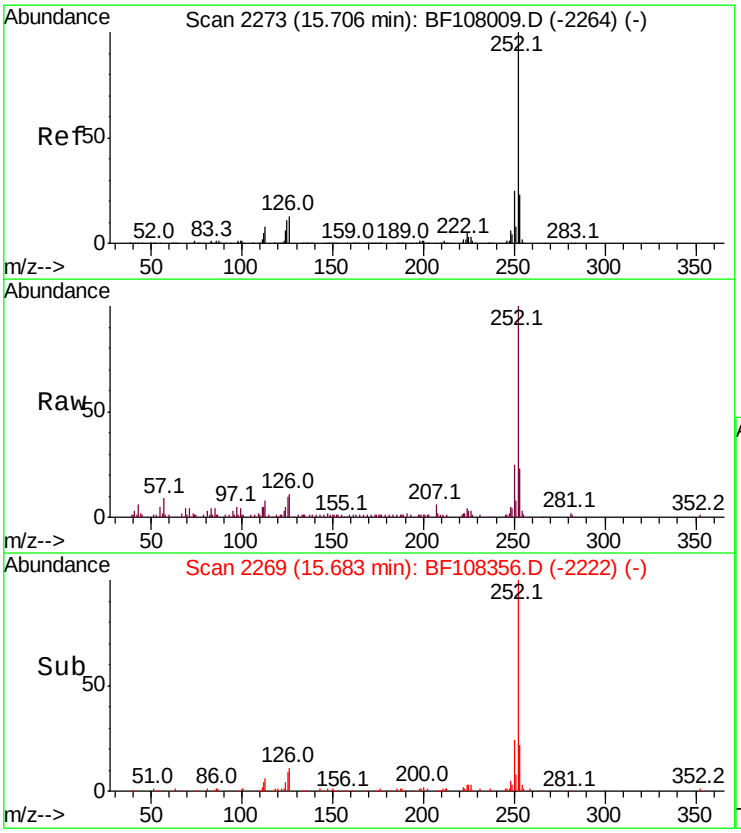
#88
Benzo(k)fluoranthene
Concen: 3.997 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:252 Resp: 70554

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.1	10.2	15.2#

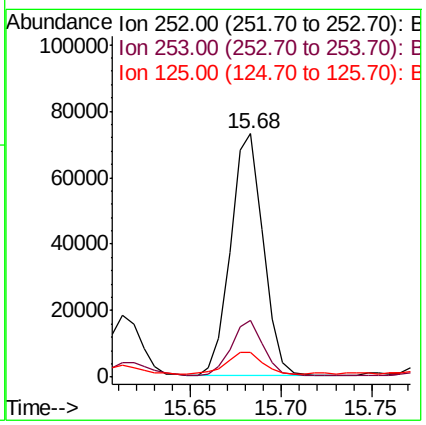


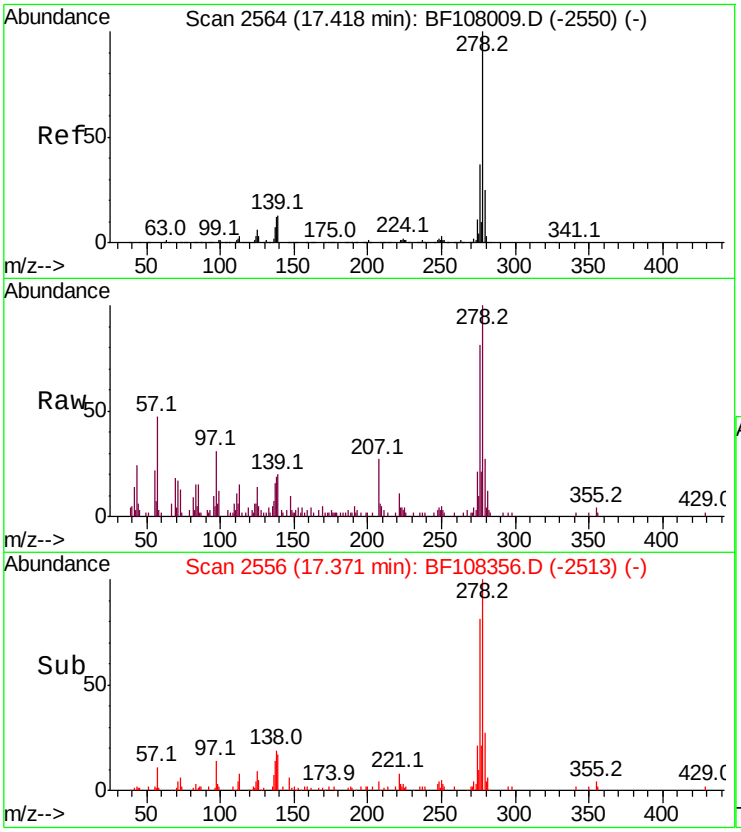


#89
Benzo(a)pyrene
Concen: 5.295 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:252 Resp: 91046

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.2	9.8	14.6



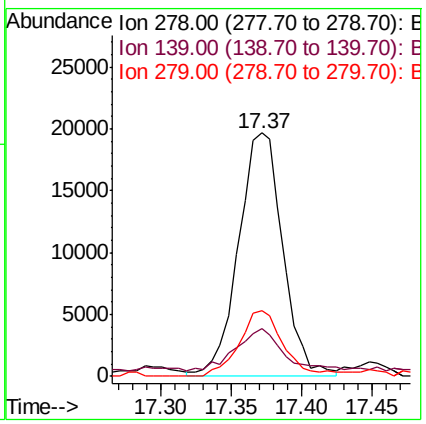


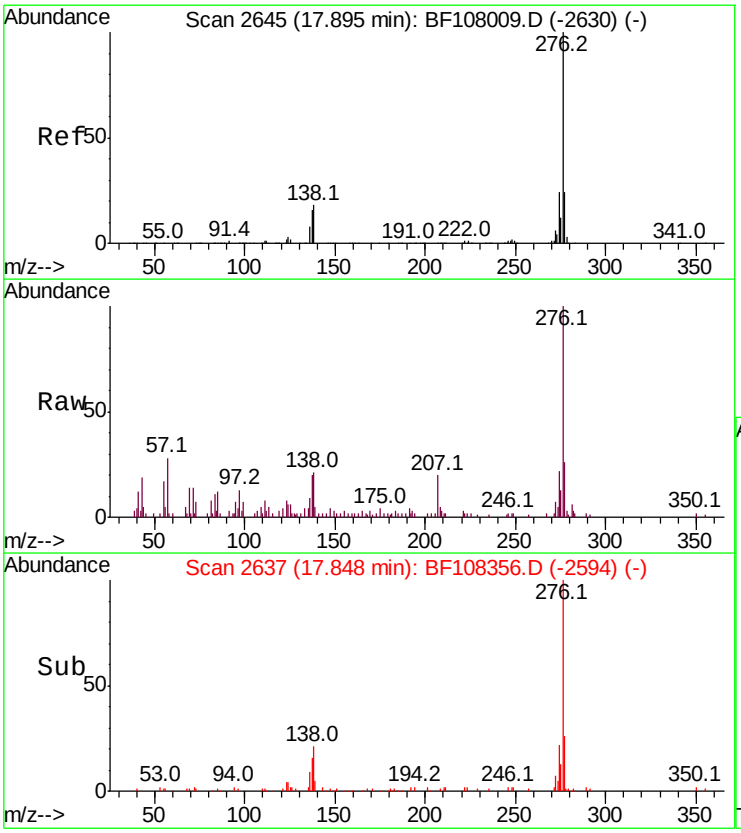
#90
Dibenzo(a,h)anthracene
Concen: 3.044 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.05 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:278 Resp: 43305

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	27.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 3.541 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.05 min
Lab File: BF108356.D
Acq: 21 Aug 2018 23:52

Tgt Ion:276 Resp: 49603

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	21.4	21.8	32.8#