Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118128.D
Acq On : 7 Dec 2019 14:49
Operator : JU
Sample : K6177-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:43:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129087	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	506444	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	272194	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	516442	20.00	ng		0.00
76) Chrysene-d12	14.06	240	326692	20.00	ng		-0.01
87) Perylene-d12	15.54	264	308836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	737295	100.04	ng		0.00
7) Phenol-d6	6.50	99	935296	104.92	ng		0.00
23) Nitrobenzene-d5	7.43	82	557425	61.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	328703	99.41	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1156556	64.65	ng		-0.01
79) Terphenyl-d14	13.00	244	1399888	73.69	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.50	93	746	0.065	ng	#	1
8) 2-Chlorophenol	6.65	128	121	0.015	ng	#	1
9) Benzaldehyde	6.42	77	2726	Below Cal		#	82
10) Phenol	6.50	94	14380	1.414	ng	#	70
11) bis(2-Chloroethyl)ether	6.57	93	420	0.057	ng	#	22
12) 1,3-Dichlorobenzene	6.88	146	450	0.046	ng	#	54
13) 1,4-Dichlorobenzene	6.88	146	450	0.046	ng	#	84
14) 1,2-Dichlorobenzene	6.88	146	450	0.049	ng	#	82
15) Benzyl Alcohol	7.02	79	11171	1.605	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	7.22	45	227	0.026	ng		63
17) 2-Methylphenol	7.02	107	249	0.038	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	75963	14.023	ng	#	79
20) 3+4-Methylphenols	7.02	107	249	0.030	ng	#	1
22) Acetophenone	7.27	105	332	0.027	ng	#	17
24) Nitrobenzene	7.43	77	1754	0.198	ng	#	32
25) Isophorone	7.43	82	552765	36.222	ng	#	62
27) 2,4-Dimethylphenol	7.87	122	17031	2.701	ng	#	3
31) Naphthalene	8.17	128	1749	0.069	ng	#	85
32) Benzoic acid	7.87	122	17031	2.991	ng		96
33) 4-Chloroaniline	8.17	127	111	0.010	ng	#	47
35) Caprolactam	8.39	113	218	0.096	ng	#	43
36) 4-Chloro-3-methylphenol	8.87	107	374	0.048	ng	#	19
37) 2-Methylnaphthalene	8.86	142	137	0.008	ng	#	15
38) 1-Methylnaphthalene	8.96	142	114	0.007	ng	#	7
46) 1,1'-Biphenyl	9.33	154	2484	0.116	ng		95
48) 2-Nitroaniline	9.56	65	220	0.045	ng	#	1
49) Acenaphthylene	9.77	152	650	0.026	ng	#	60
50) Dimethylphthalate	9.62	163	98343	4.891	ng		99
51) 2,6-Dinitrotoluene	9.91	165	34104	7.801	ng	#	27
52) Acenaphthene	9.91	154	915	0.059	ng	#	4
55) Dibenzofuran	10.12	168	142	0.006	ng	#	42
57) 2,4-Dinitrotoluene	9.91	165	34104	5.845	ng	#	25
58) Fluorene	10.46	166	466	0.026	ng	#	59
60) Diethylphthalate	10.33	149	309	0.016	ng	#	60

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118128.D
Acq On : 7 Dec 2019 14:49
Operator : JU
Sample : K6177-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 09 05:43:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) Azobenzene	10.60	77	141	0.008	ng	#	49
65) 4,6-Dinitro-2-methylphenol	10.70	198	698	0.245	ng	#	1
66) n-Nitrosodiphenylamine	10.70	169	9684	0.600	ng	#	46
67) 4-Bromophenyl-phenylether	10.70	248	20801	3.528	ng	#	1
71) Phenanthrene	11.43	178	3569	0.130	ng		94
72) Anthracene	11.43	178	3569	0.130	ng		95
73) Carbazole	11.65	167	461	0.019	ng	#	58
74) Di-n-butylphthalate	11.96	149	1914	0.062	ng	#	78
75) Fluoranthene	12.62	202	5248	0.187	ng		92
77) Benzidine	13.00	184	19392	2.255	ng	#	93
78) Pyrene	12.62	202	5248	0.204	ng		92
80) Butylbenzylphthalate	13.46	149	632	0.054	ng	#	1
81) Benzo(a)anthracene	14.04	228	3269	0.145	ng	#	81
82) 3,3'-Dichlorobenzidine	13.89	252	542	0.073	ng	#	1
83) Chrysene	14.08	228	1900	0.088	ng	#	82
84) Bis(2-ethylhexyl)phthalate	14.03	149	1883	0.122	ng	#	61
85) Di-n-octyl phthalate	14.64	149	1335	0.057	ng	#	78
86) Indeno(1,2,3-cd)pyrene	17.05	276	1779	0.098	ng	#	81
88) Benzo(b)fluoranthene	15.11	252	4234	0.207	ng	#	60
89) Benzo(k)fluoranthene	15.17	252	416	0.021	ng	#	1
90) Benzo(a)pyrene	15.48	252	1974	0.109	ng	#	79
91) Dibenzo(a,h)anthracene	17.07	278	137	0.009	ng	#	57
92) Benzo(g,h,i)perylene	17.51	276	1909	0.128	ng	#	55

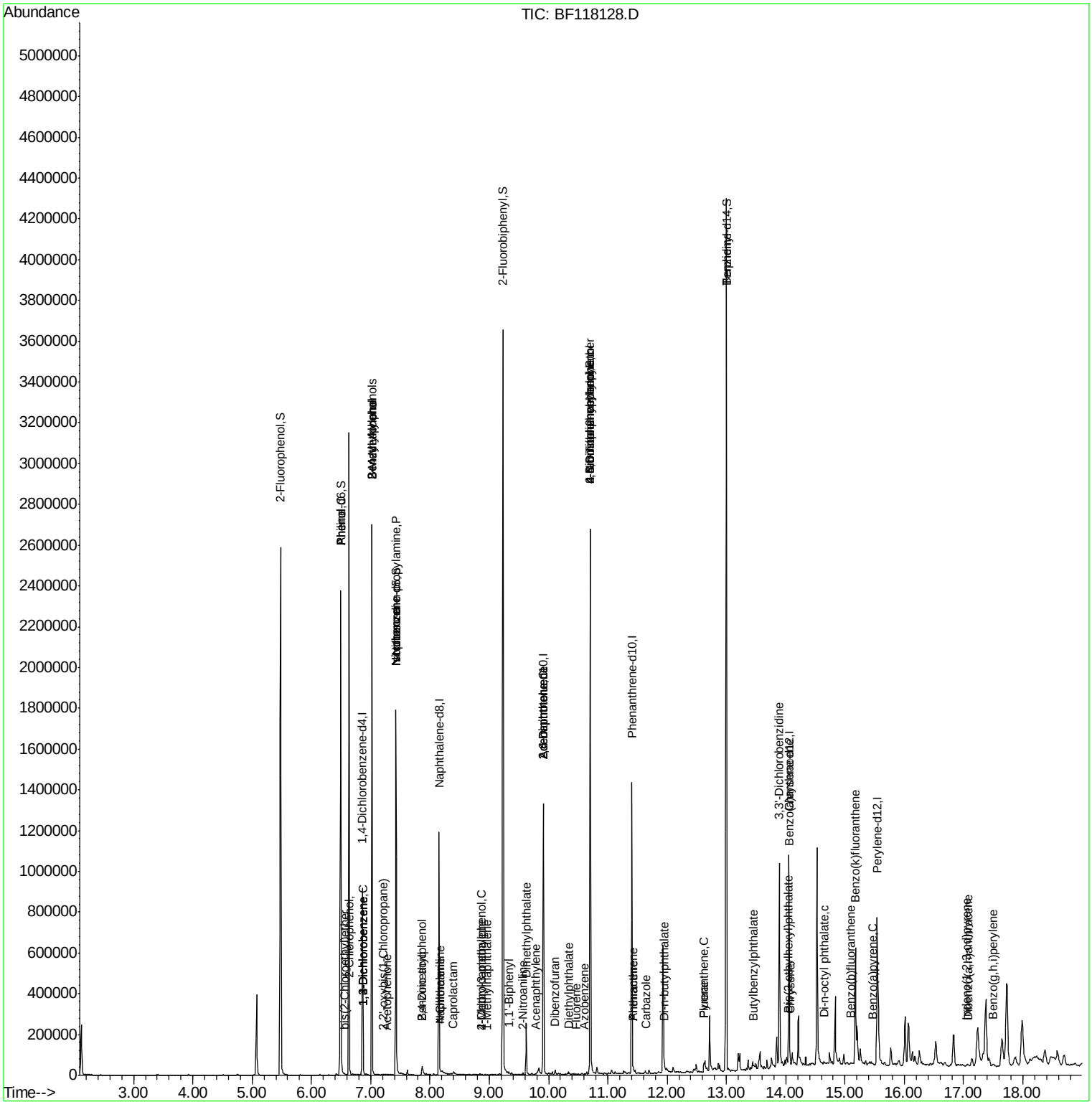
(#) = qualifier out of range (m) = manual integration (+) = signals summed

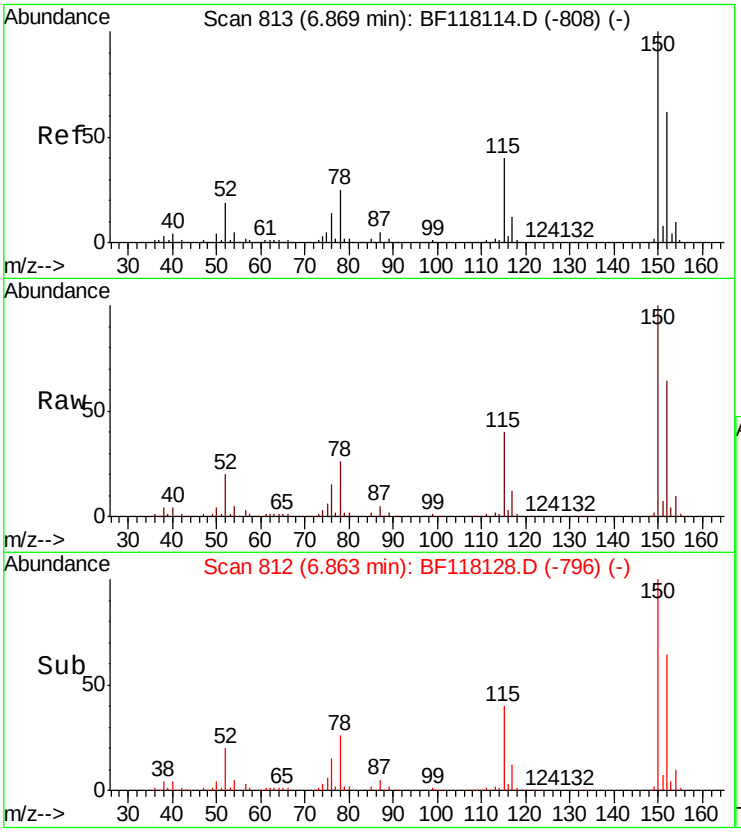
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118128.D
Acq On : 7 Dec 2019 14:49
Operator : JU
Sample : K6177-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 09 05:43:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



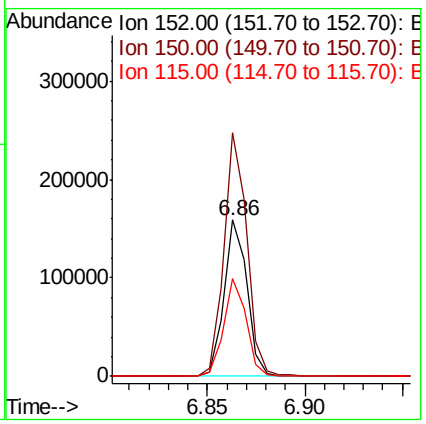


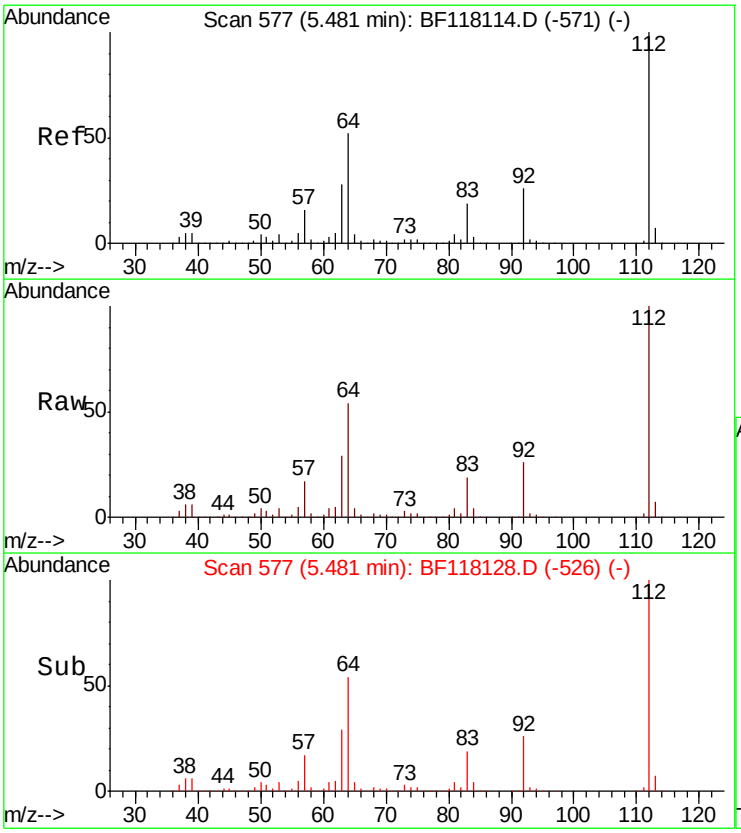
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129087

Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.3	192.5
115	62.4	51.1	76.7

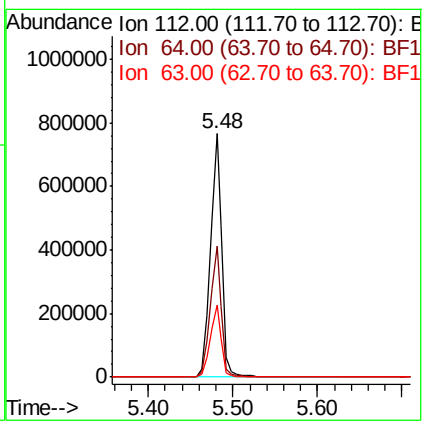


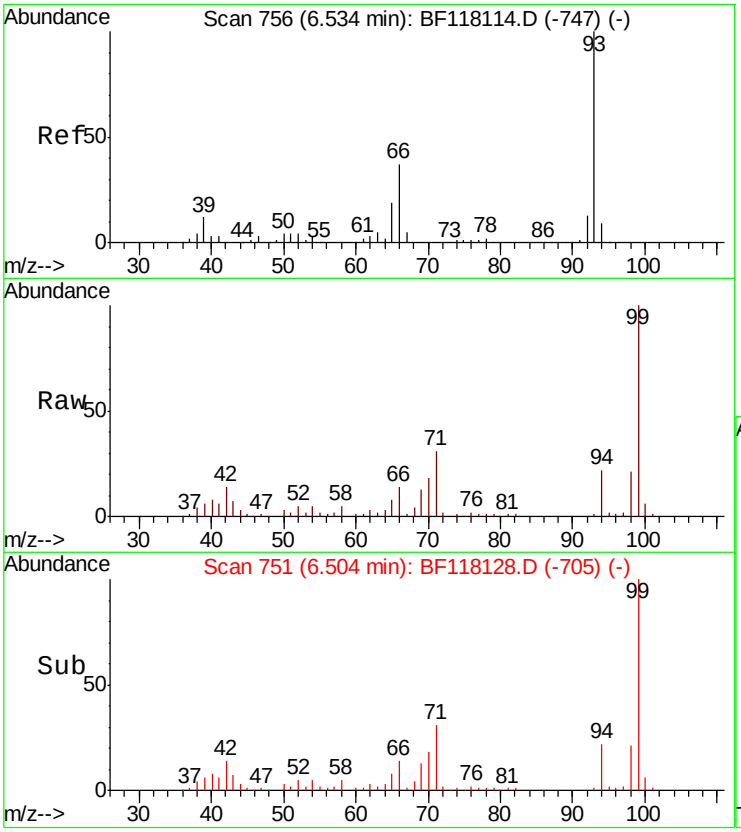


#5
2-Fluorophenol
Concen: 100.037 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:112 Resp: 737295

Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	29.4	22.4	33.6



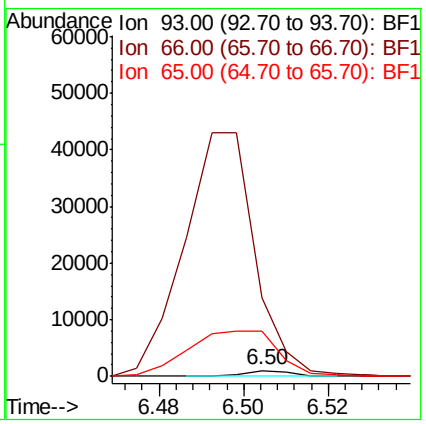


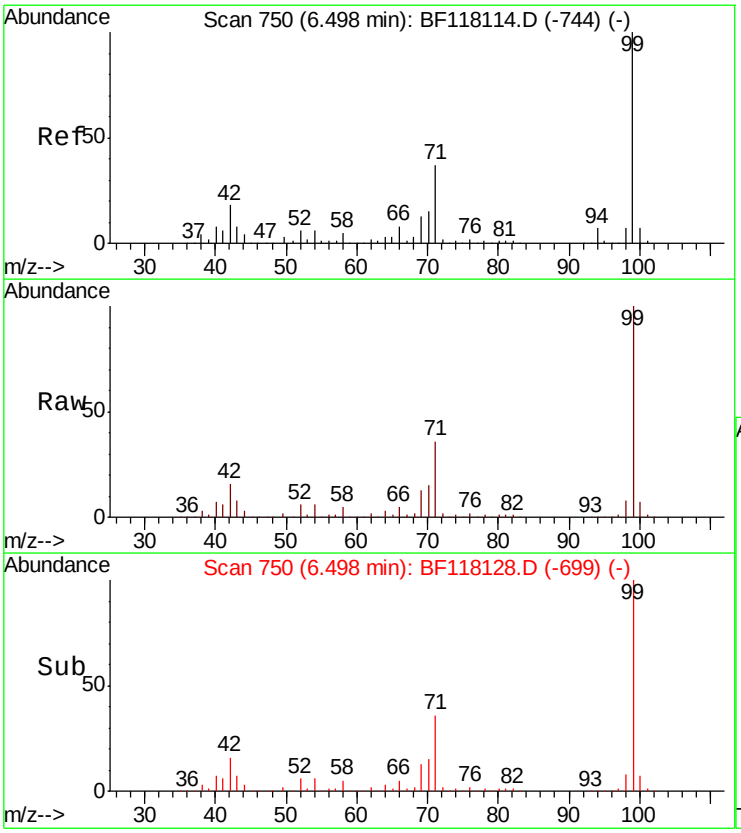
#6
Aniline
Concen: 0.065 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 746

Ion	Ratio	Lower	Upper
93	100		
66	1336.3	30.2	45.2#
65	764.2	15.5	23.3#

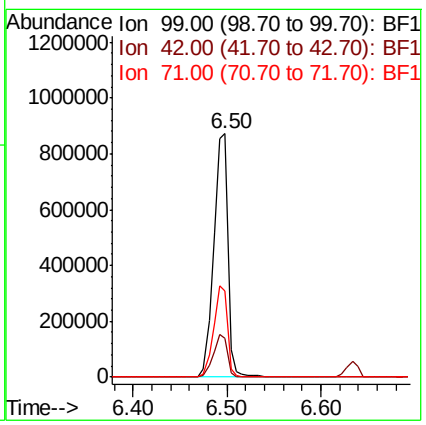


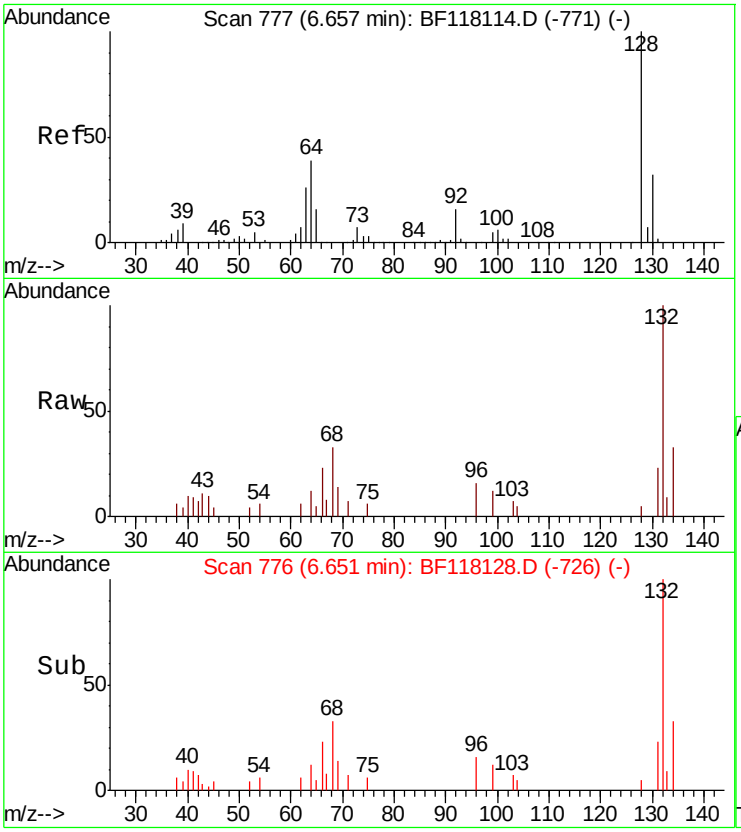


#7
Phenol-d6
Concen: 104.918 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion: 99 Resp: 935296

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	35.7	29.7	44.5



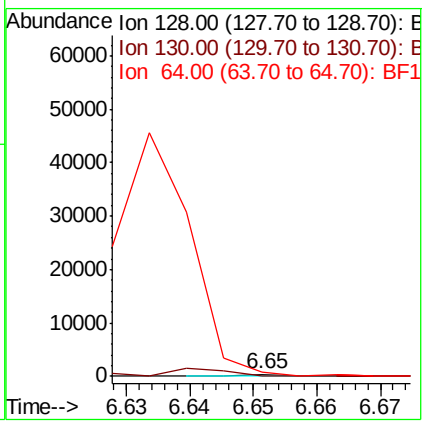


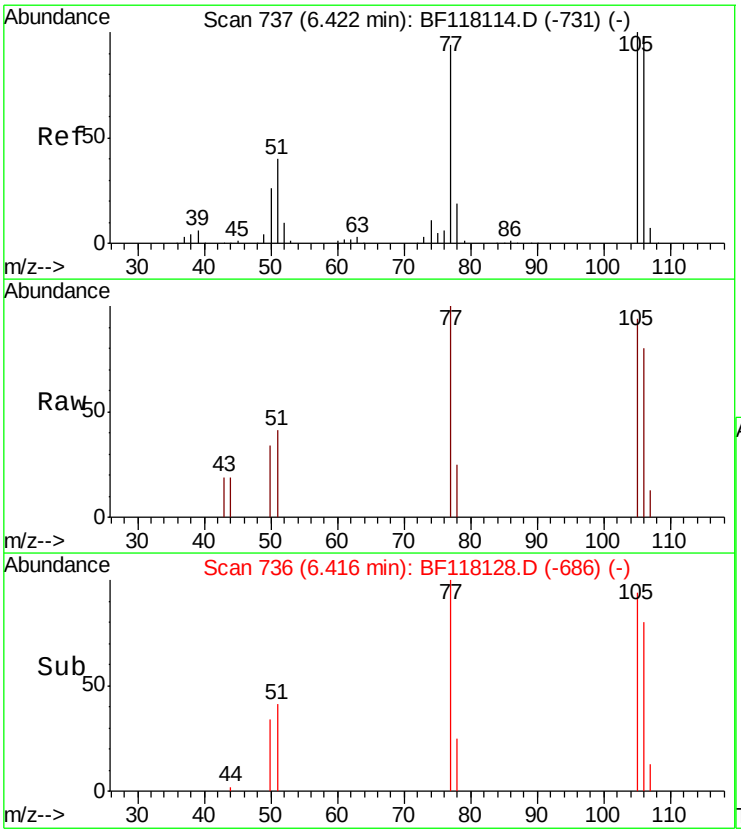
#8
2-Chlorophenol
Concen: 0.015 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 121

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.1	52.1#
64	243.4	19.3	59.3#

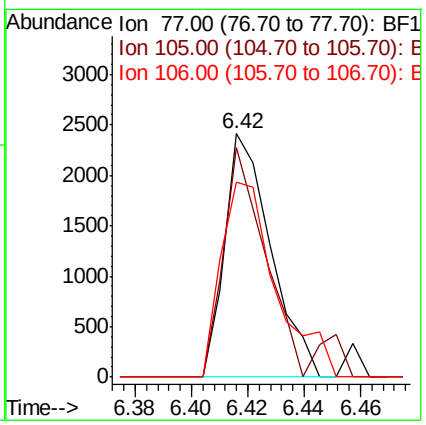


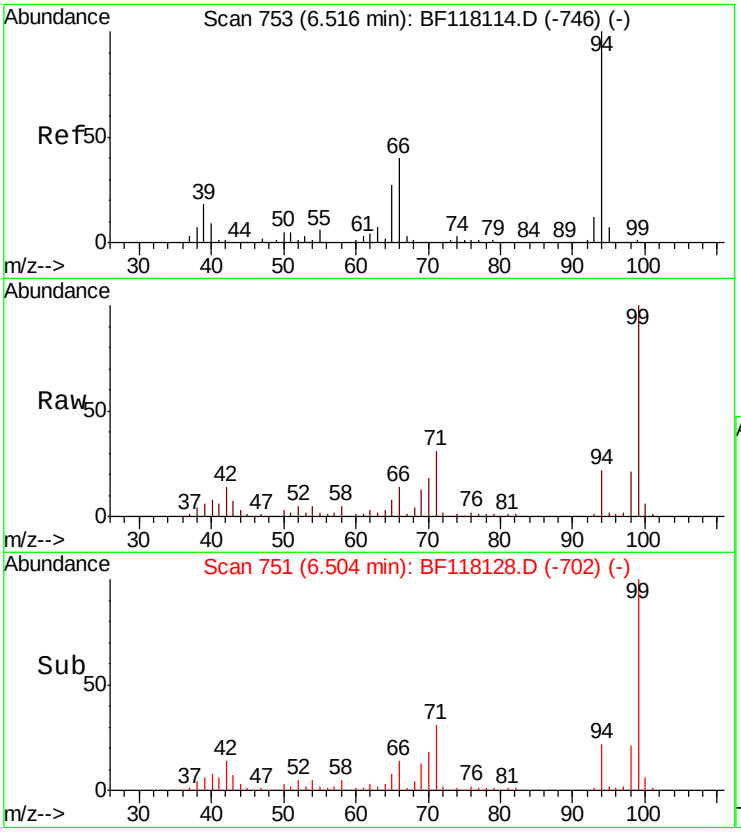


#9
Benzaldehyde
Concen: Below Cal
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion: 77 Resp: 2726

Ion	Ratio	Lower	Upper
77	100		
105	94.0	86.4	126.4
106	80.1	83.8	123.8#



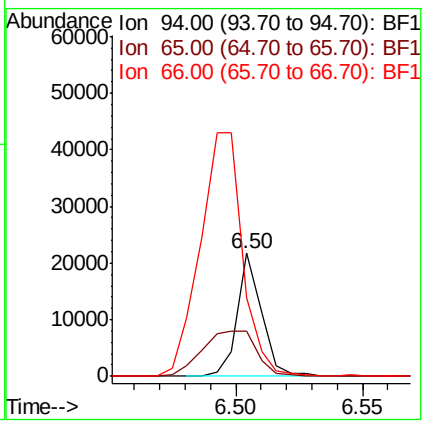


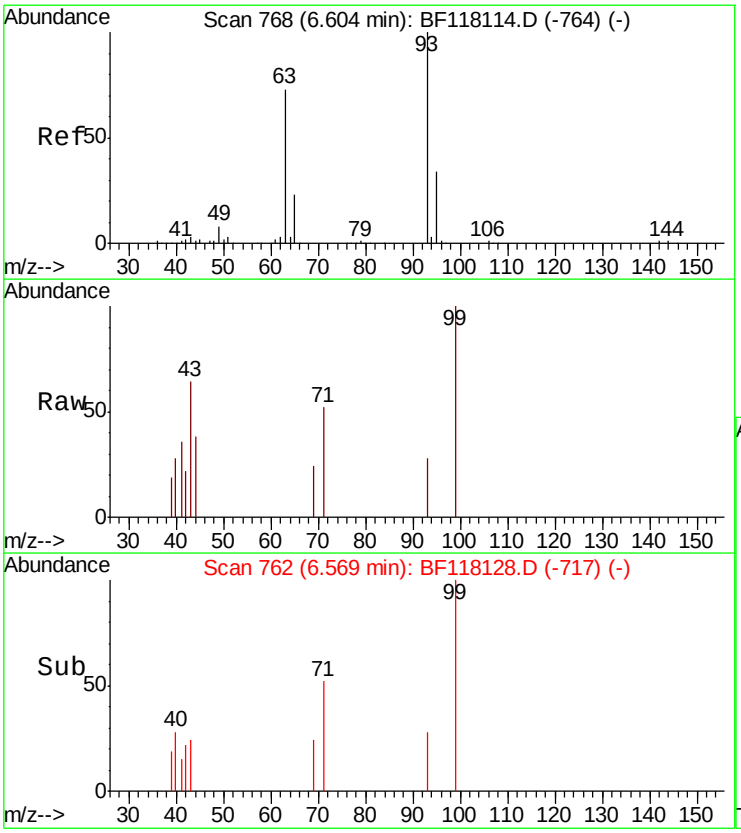
#10
Phenol
Concen: 1.414 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 14380

Ion	Ratio	Lower	Upper
94	100		
65	36.5	7.3	47.3
66	63.8	20.2	60.2#

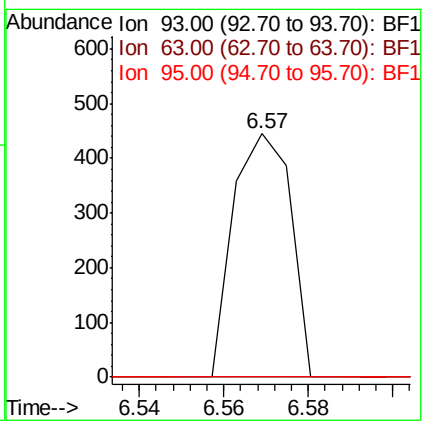


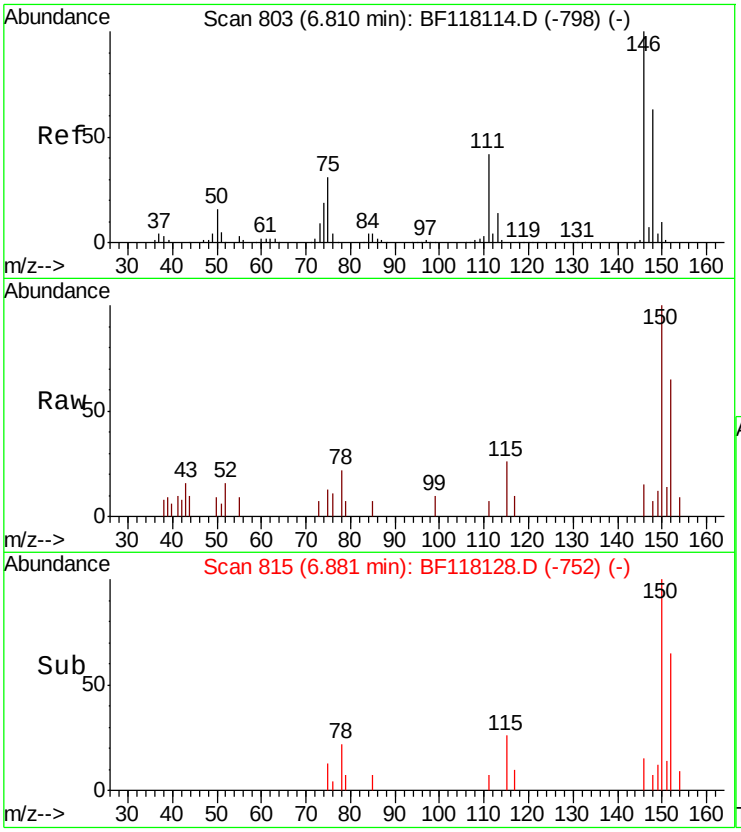


#11
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.04 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion: 93 Resp: 420

Ion	Ratio	Lower	Upper
93	100		
63	0.0	53.2	93.2#
95	0.0	13.8	53.8#



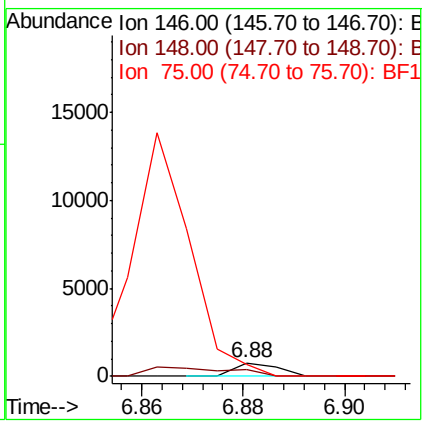


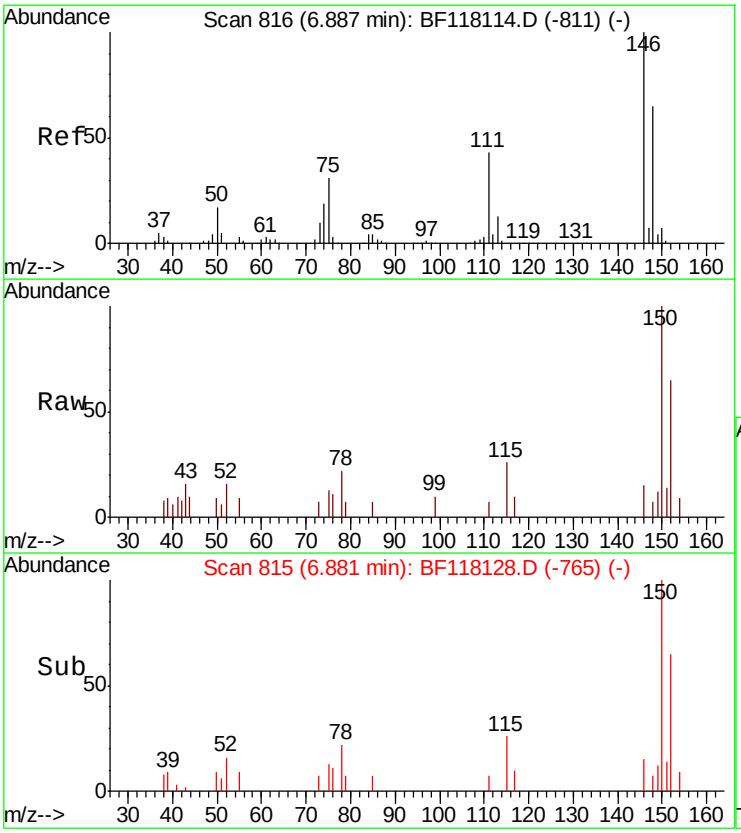
#12
1,3-Dichlorobenzene
Concen: 0.046 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.07 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 450

Ion	Ratio	Lower	Upper
146	100		
148	47.6	50.2	75.4#
75	85.4	24.6	37.0#

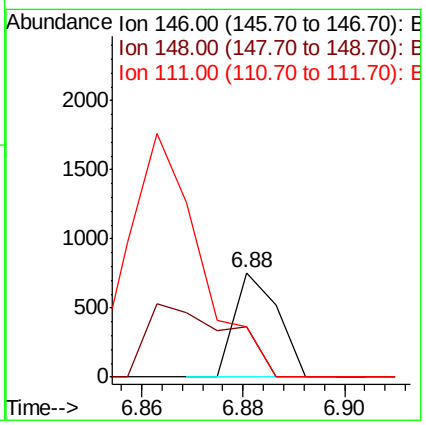


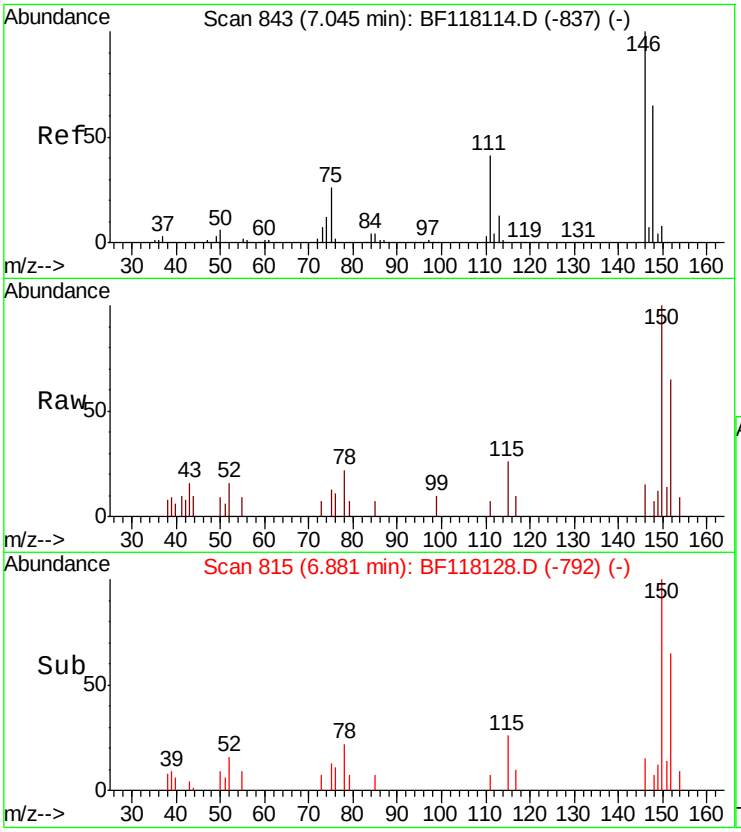


#13
1,4-Dichlorobenzene
Concen: 0.046 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:146 Resp: 450

Ion	Ratio	Lower	Upper
146	100		
148	47.6	52.1	78.1#
111	48.0	34.6	52.0



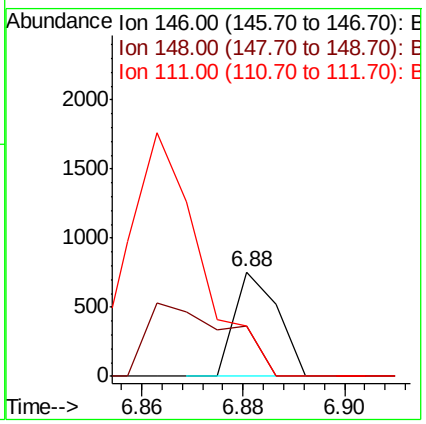


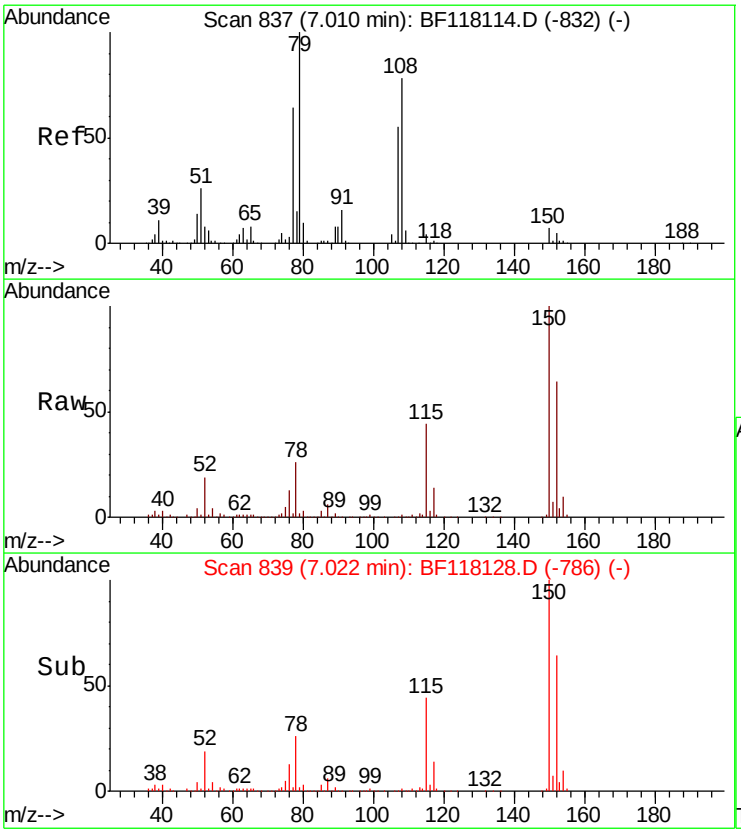
#14
1,2-Dichlorobenzene
Concen: 0.049 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.16 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 450

Ion	Ratio	Lower	Upper
146	100		
148	47.6	52.2	78.2#
111	48.0	33.1	49.7

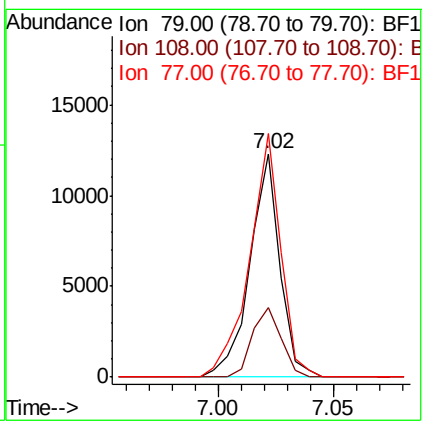


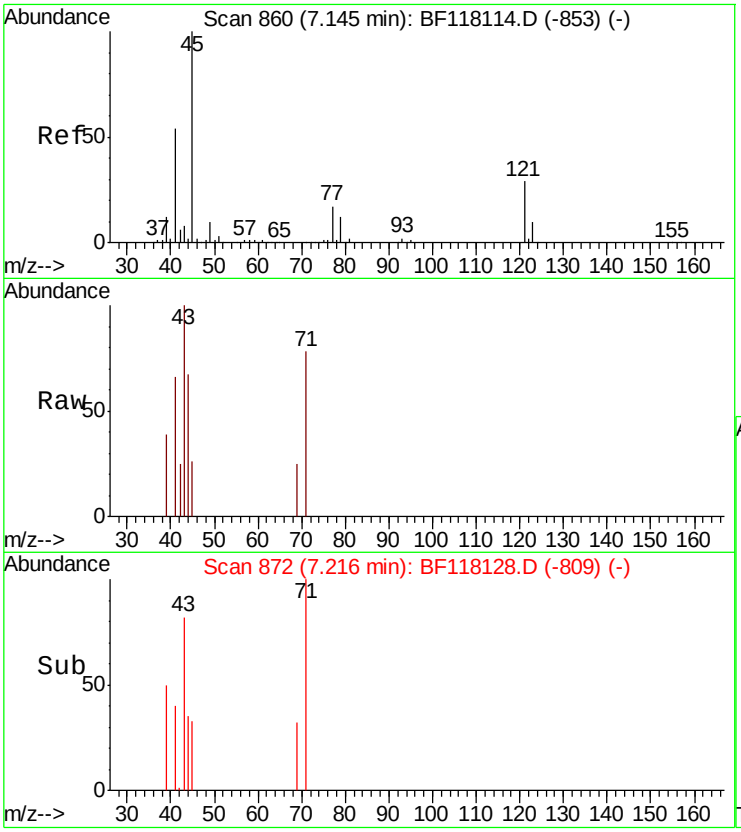


#15
Benzyl Alcohol
Concen: 1.605 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion: 79 Resp: 11171

Ion	Ratio	Lower	Upper
79	100		
108	31.1	62.7	94.1#
77	108.8	51.4	77.2#



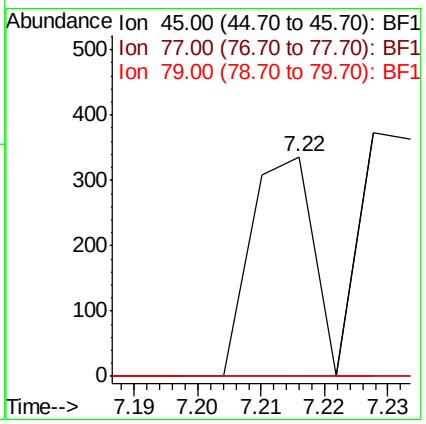


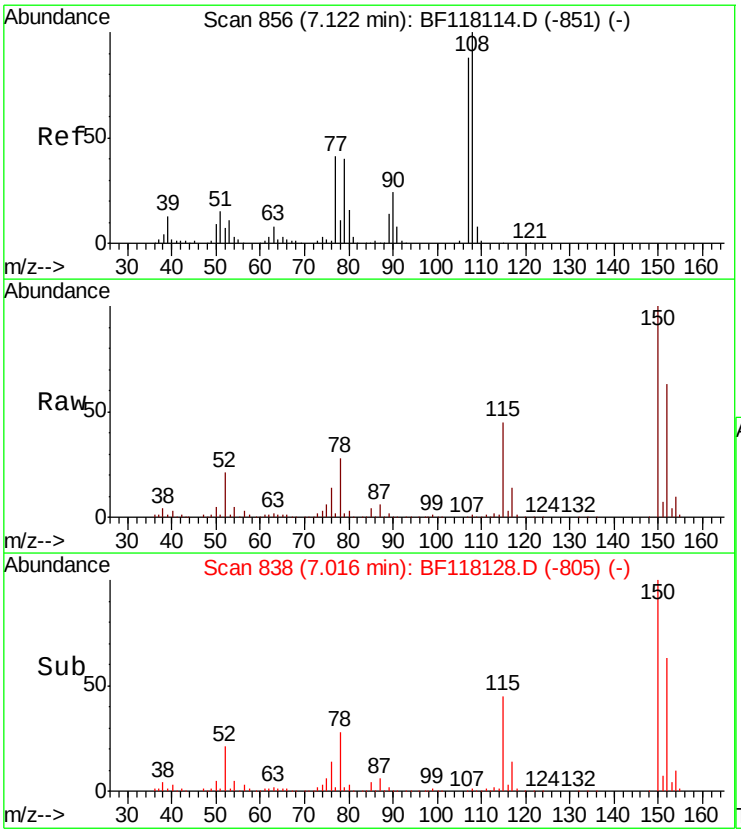
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.026 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.07 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 227

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	38.0
79	0.0	0.0	33.2

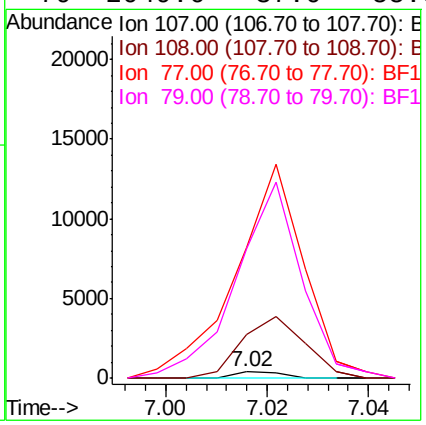


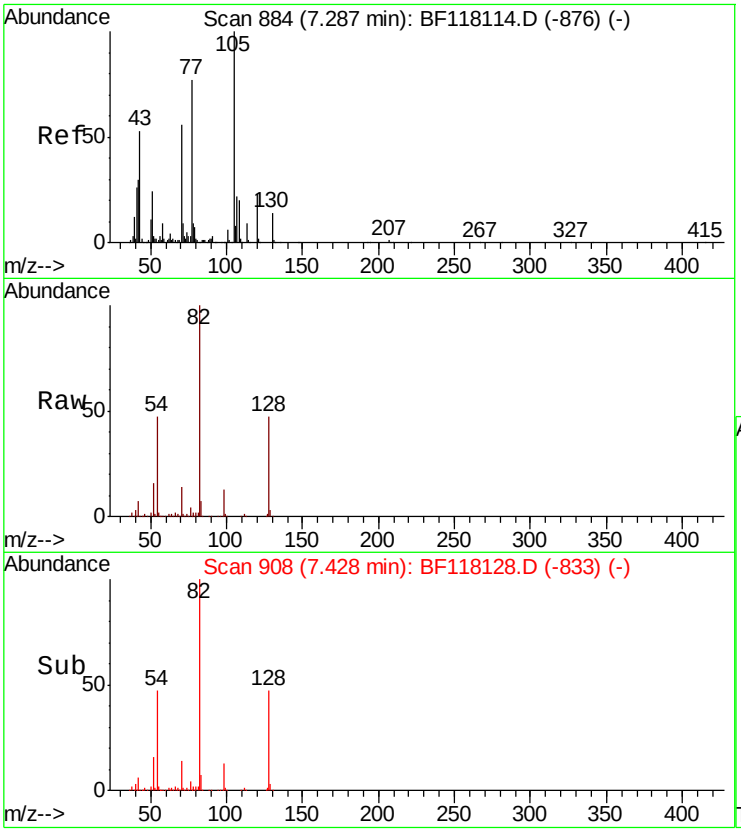


#17
2-Methylphenol
Concen: 0.038 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.11 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:107 Resp: 249

Ion	Ratio	Lower	Upper
107	100		
108	683.9	91.1	136.7#
77	2072.5	37.8	56.6#
79	2049.6	37.0	55.6#



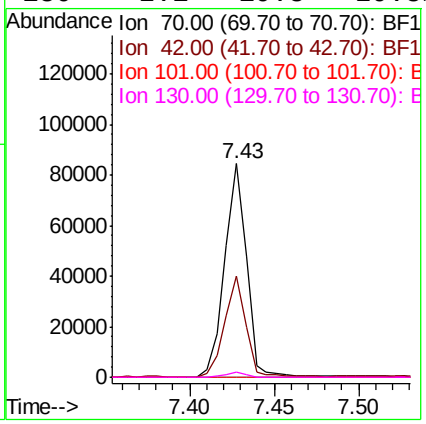


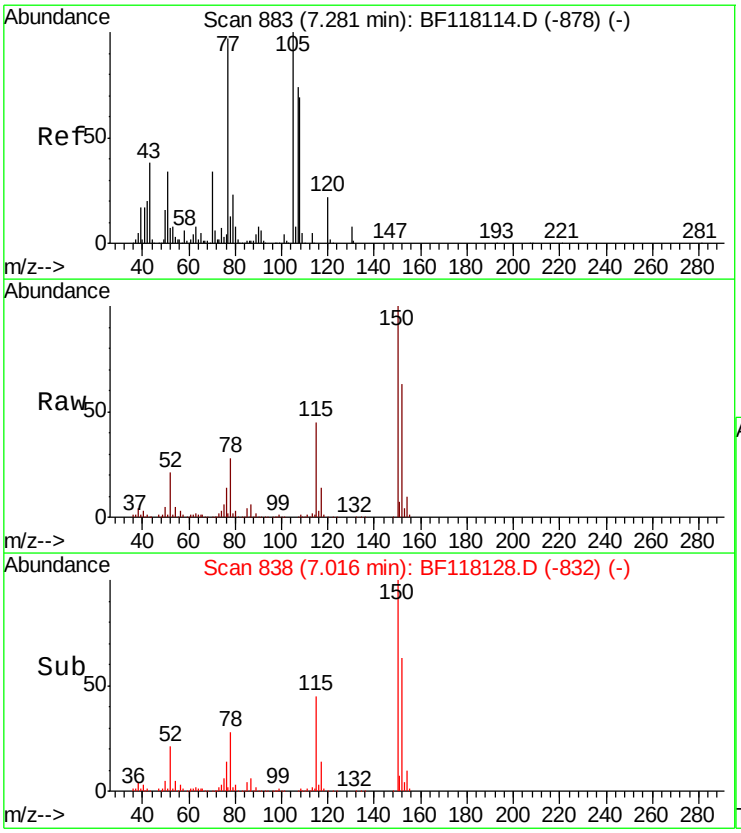
#19
n-Nitroso-di-n-propylamine
Concen: 14.023 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75963

Ion	Ratio	Lower	Upper
70	100		
42	47.3	43.2	64.8
101	0.0	8.1	12.1#
130	2.1	19.8	29.8#

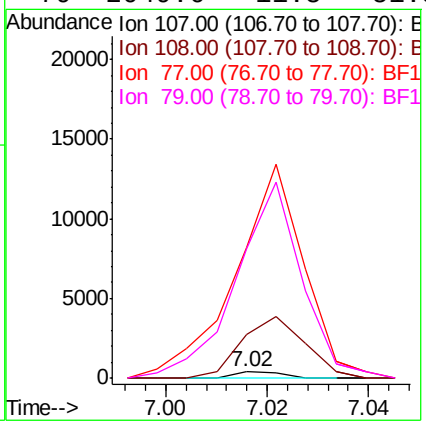


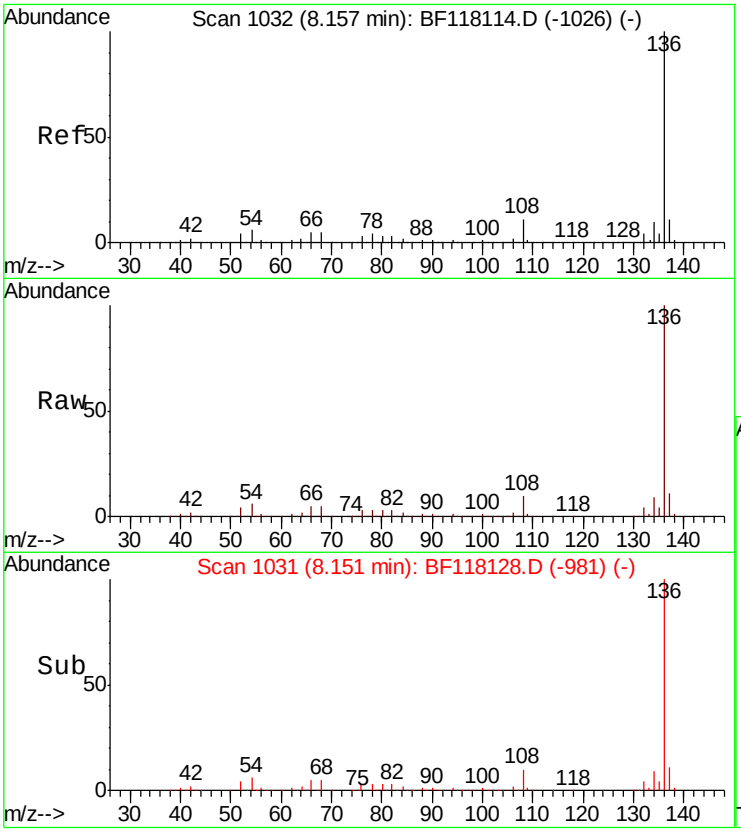


#20
3+4-Methylphenols
Concen: 0.030 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.26 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:107 Resp: 249

Ion	Ratio	Lower	Upper
107	100		
108	683.9	73.2	113.2#
77	2072.5	110.9	150.9#
79	2049.6	11.5	51.5#



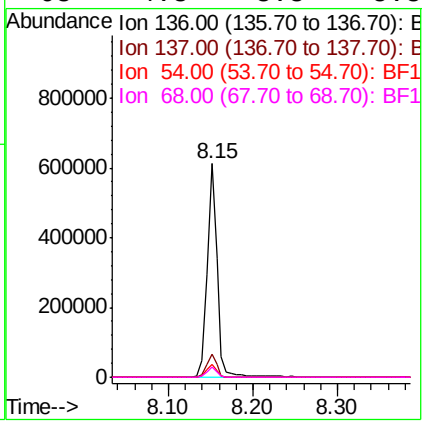


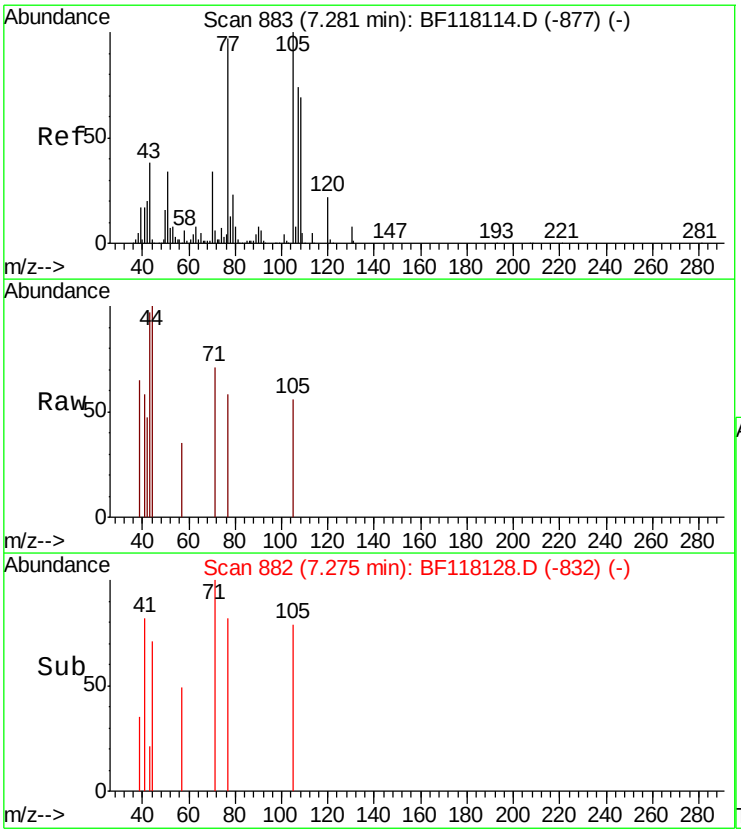
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 506444

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.1	5.0	7.6
68	4.8	3.8	5.8

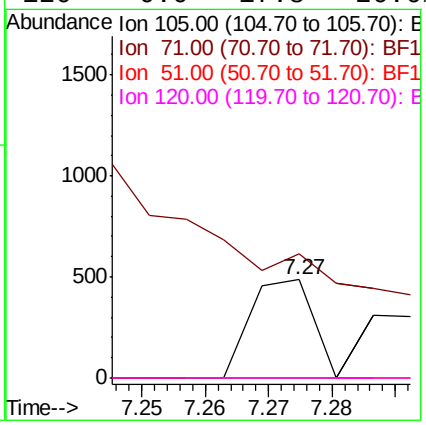


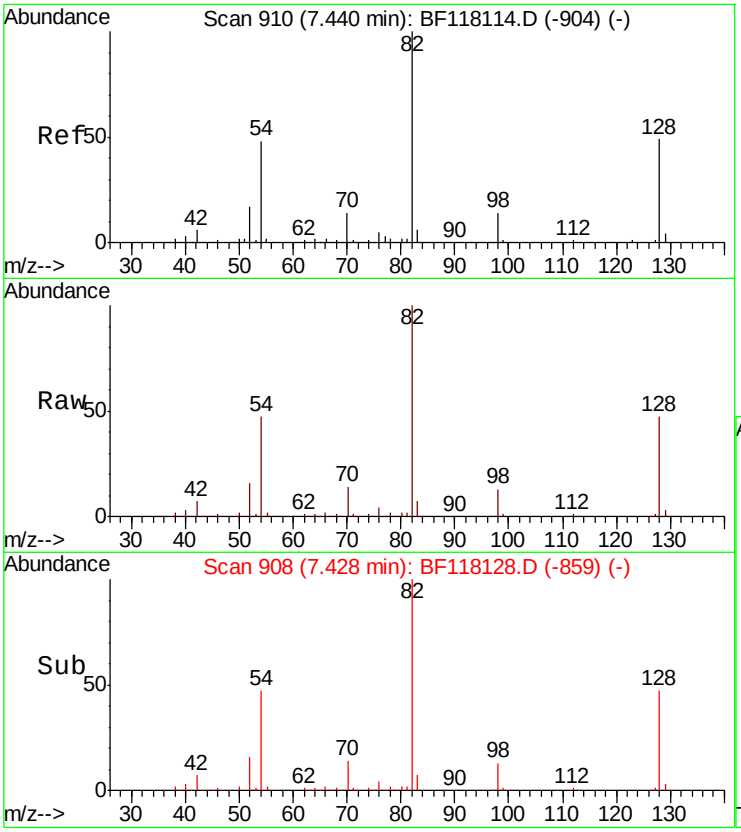


#22
Acetophenone
Concen: 0.027 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:105 Resp: 332

Ion	Ratio	Lower	Upper
105	100		
71	127.0	4.7	7.1#
51	0.0	27.1	40.7#
120	0.0	17.8	26.6#



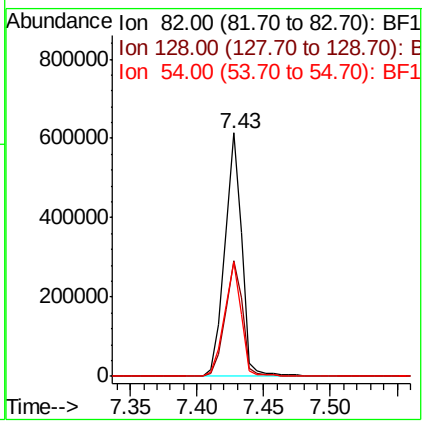


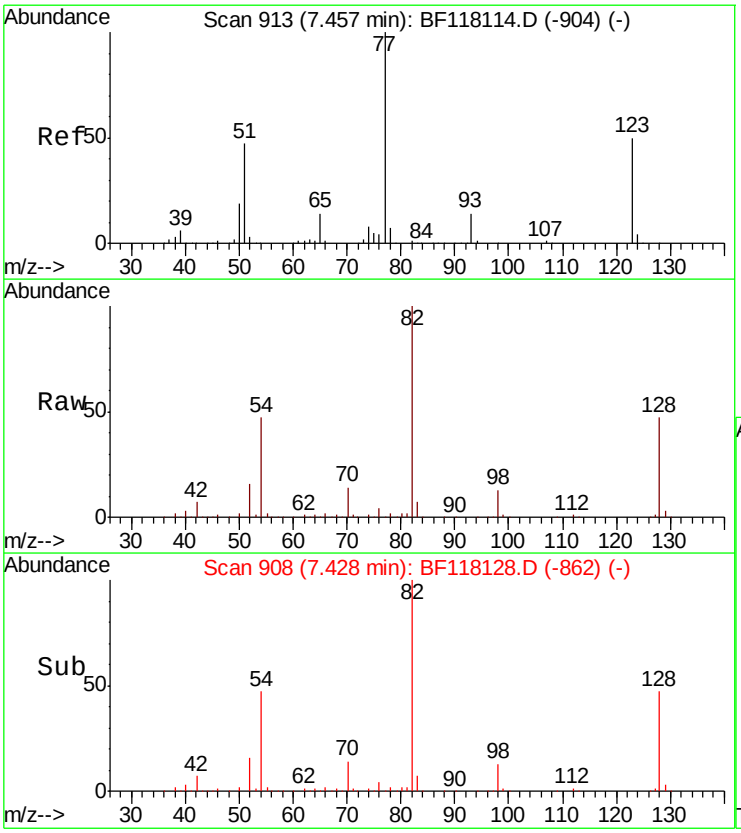
#23
Nitrobenzene-d5
Concen: 61.921 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 557425

Ion	Ratio	Lower	Upper
82	100		
128	47.4	39.1	58.7
54	46.8	38.2	57.2

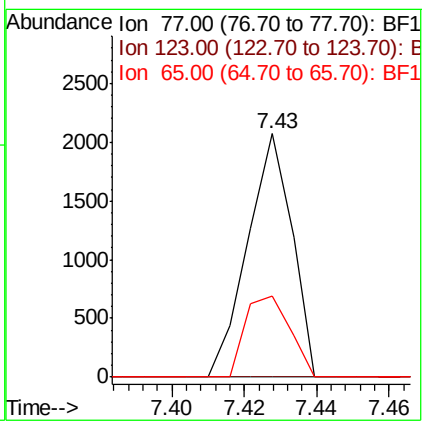


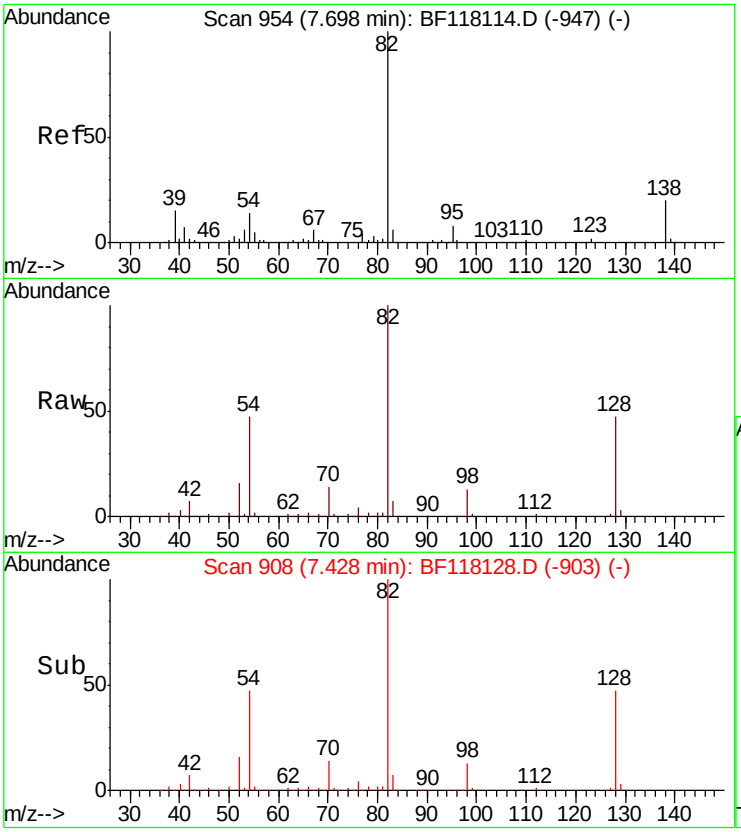


#24
Nitrobenzene
Concen: 0.198 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion: 77 Resp: 1754

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	33.4	10.9	16.3#



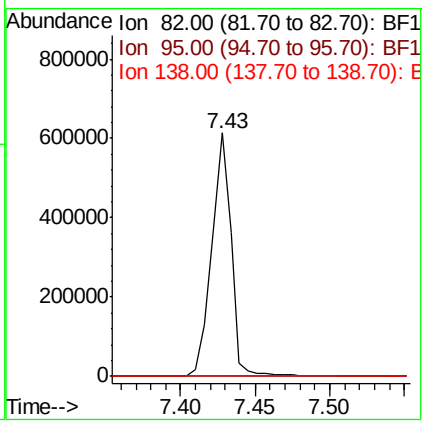


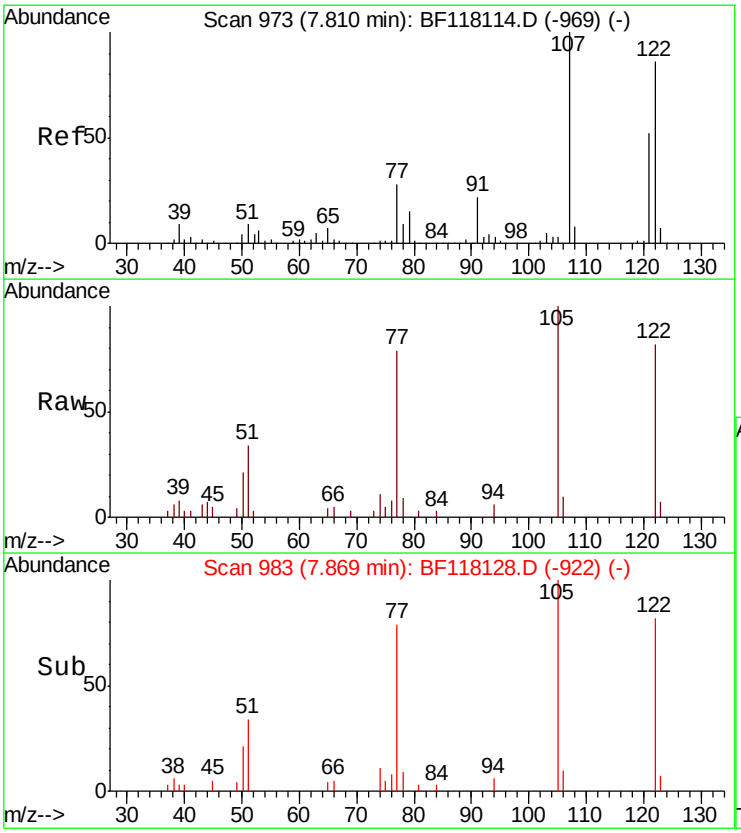
#25
Isophorone
Concen: 36.222 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 552765

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

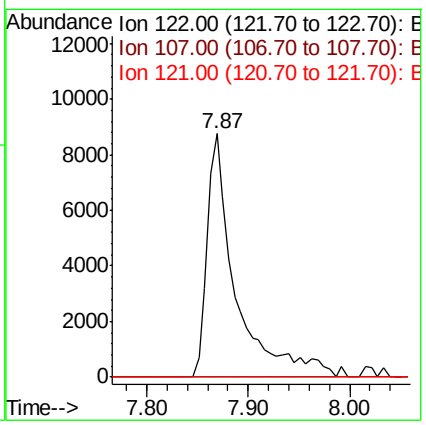


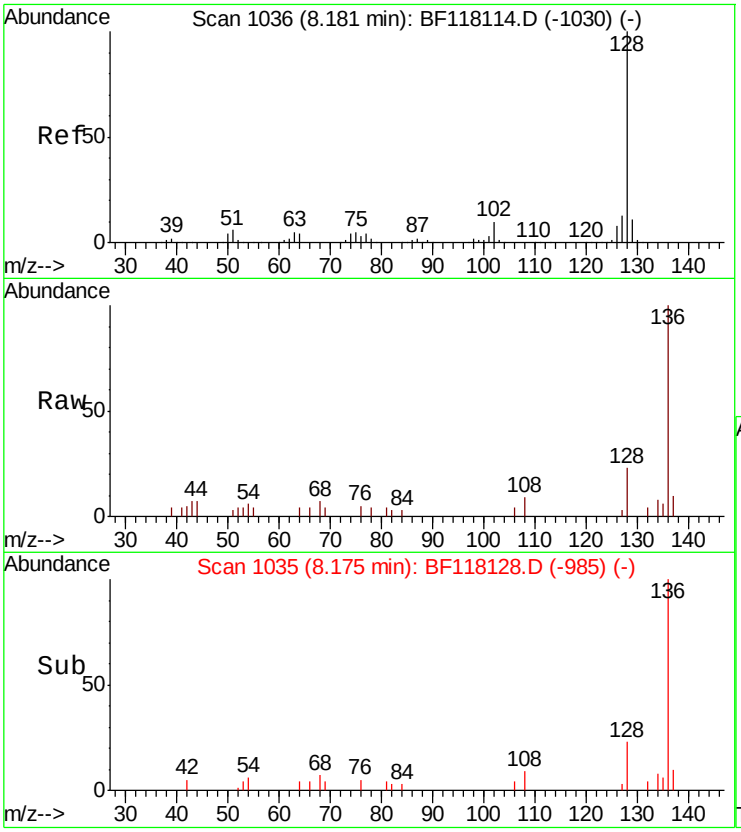


#27
2,4-Dimethylphenol
Concen: 2.701 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.06 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:122 Resp: 17031

Ion	Ratio	Lower	Upper
122	100		
107	0.0	92.9	139.3#
121	0.0	48.3	72.5#



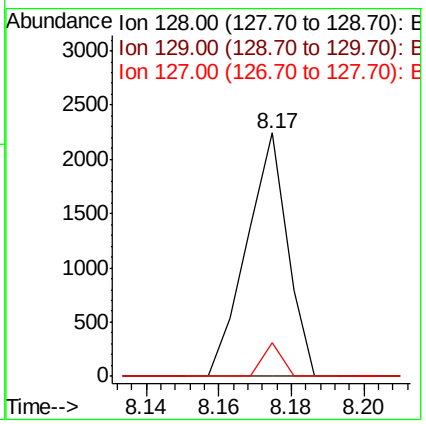


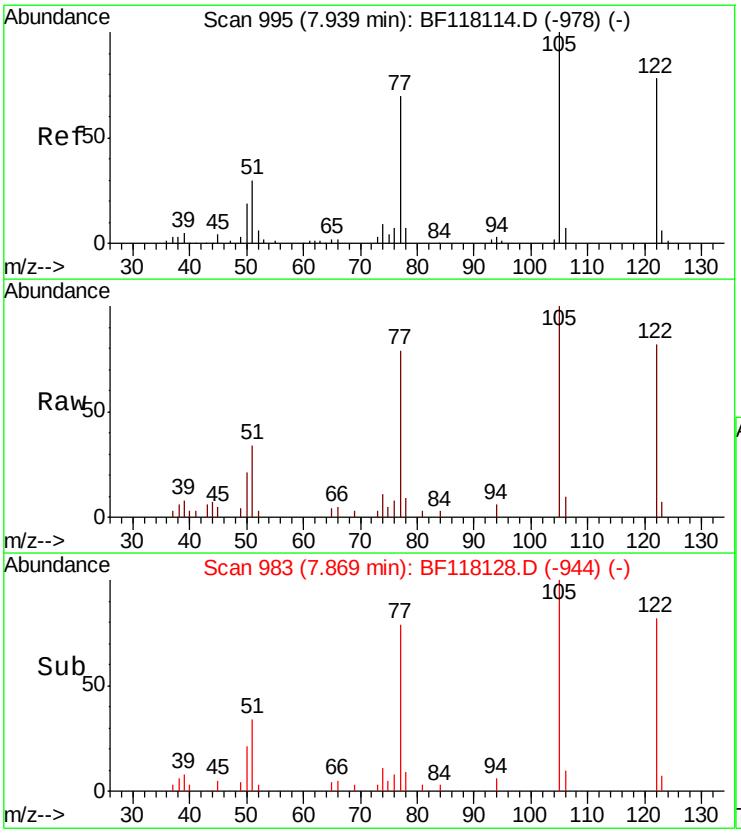
#31
Naphthalene
Concen: 0.069 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1749

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.1	13.7#
127	14.0	10.6	16.0

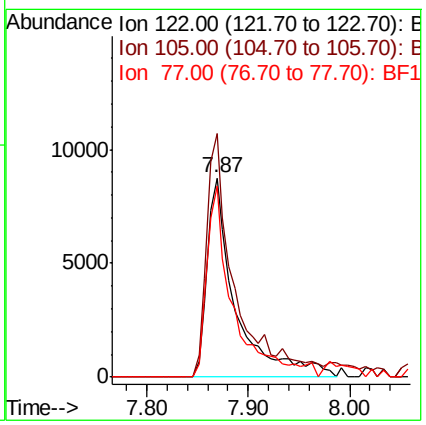


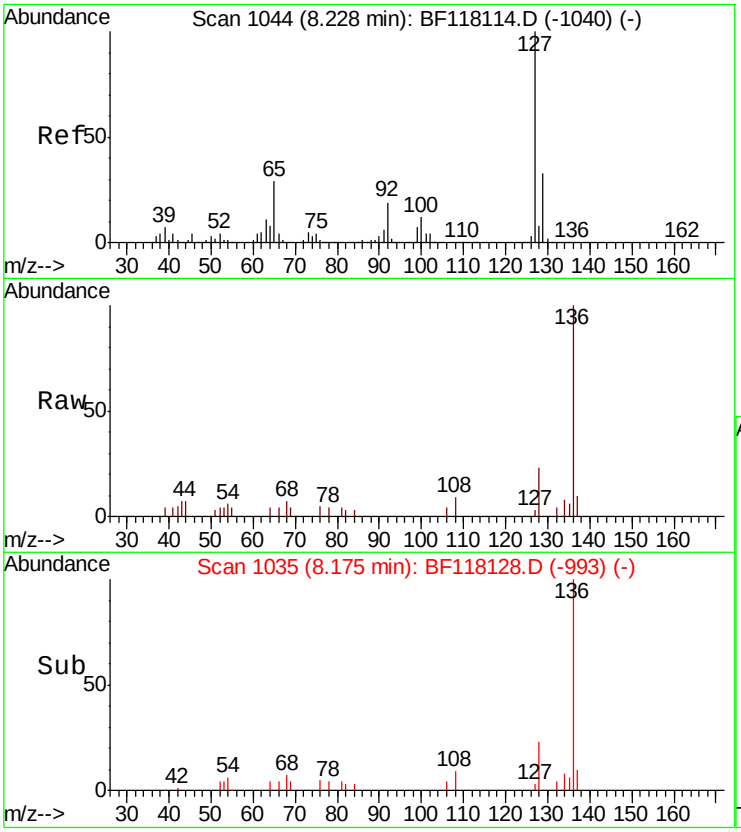


#32
Benzoic acid
Concen: 2.991 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.07 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:122 Resp: 17031

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.7	144.7
77	95.9	69.1	109.1



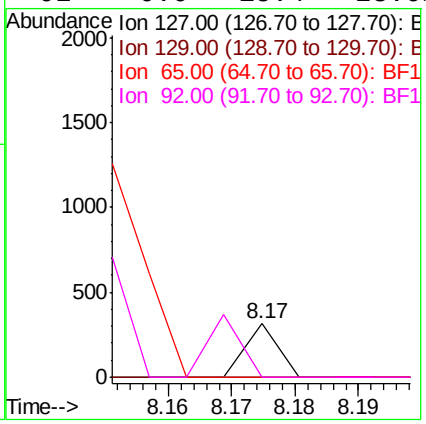


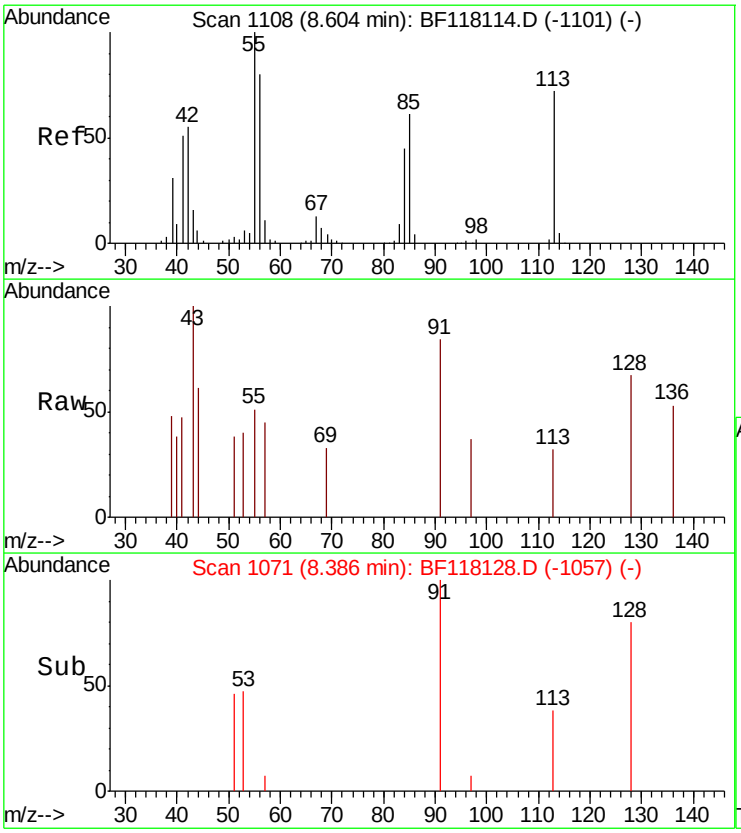
#33
4-Chloroaniline
Concen: 0.010 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 111

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	40.0#
65	0.0	23.2	34.8#
92	0.0	15.4	23.0#

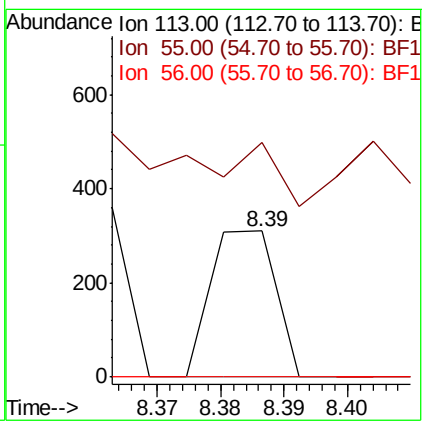


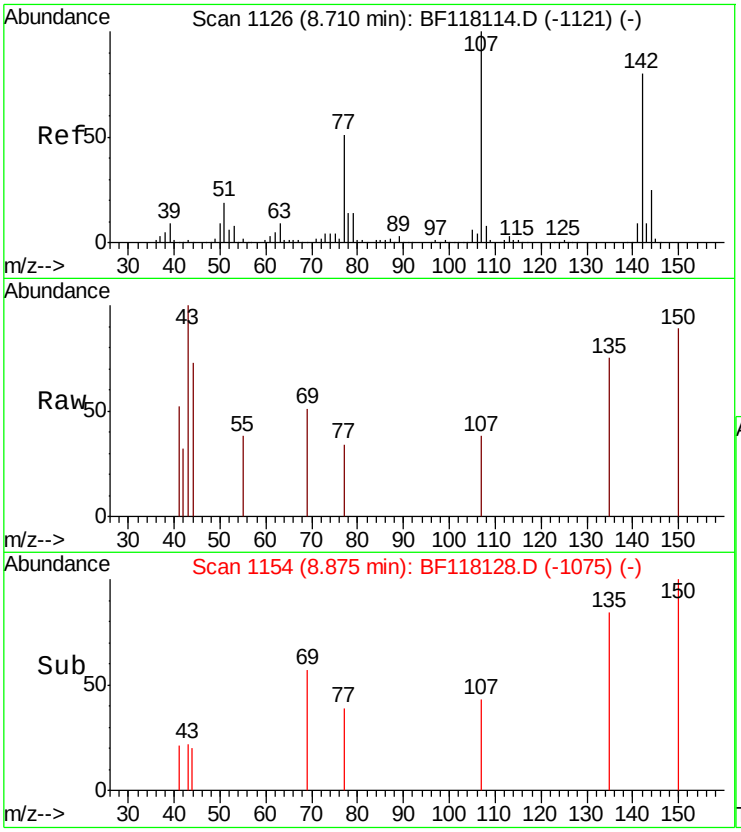


#35
Caprolactam
Concen: 0.096 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.22 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:113 Resp: 218

Ion	Ratio	Lower	Upper
113	100		
55	160.6	118.9	158.9#
56	0.0	91.4	131.4#



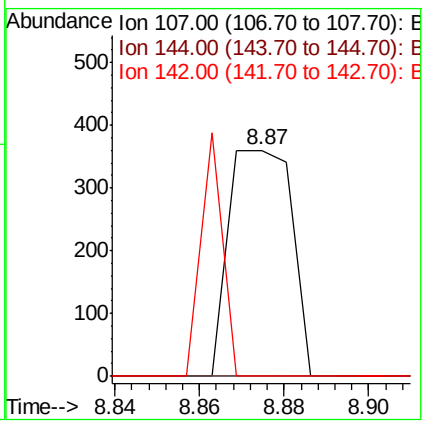


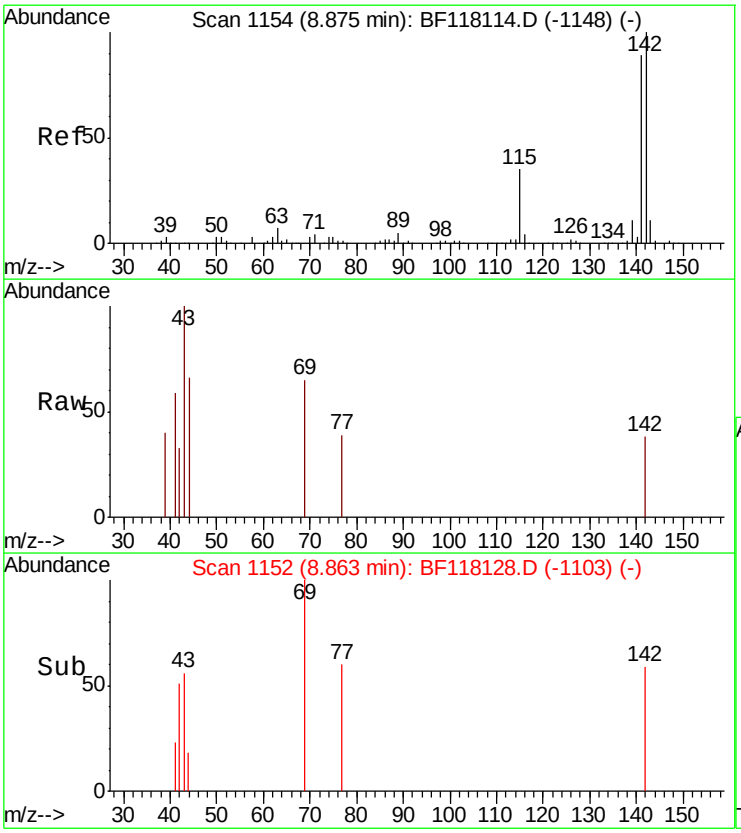
#36
4-Chloro-3-methylphenol
Concen: 0.048 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 374

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.3	30.5#
142	0.0	63.7	95.5#

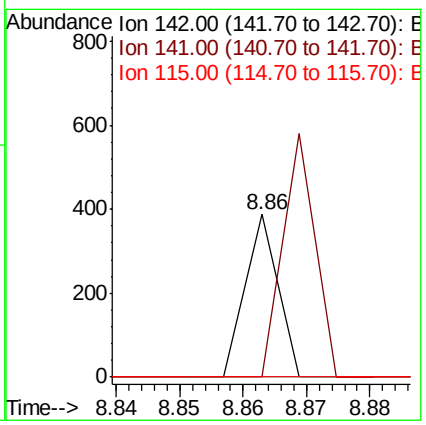


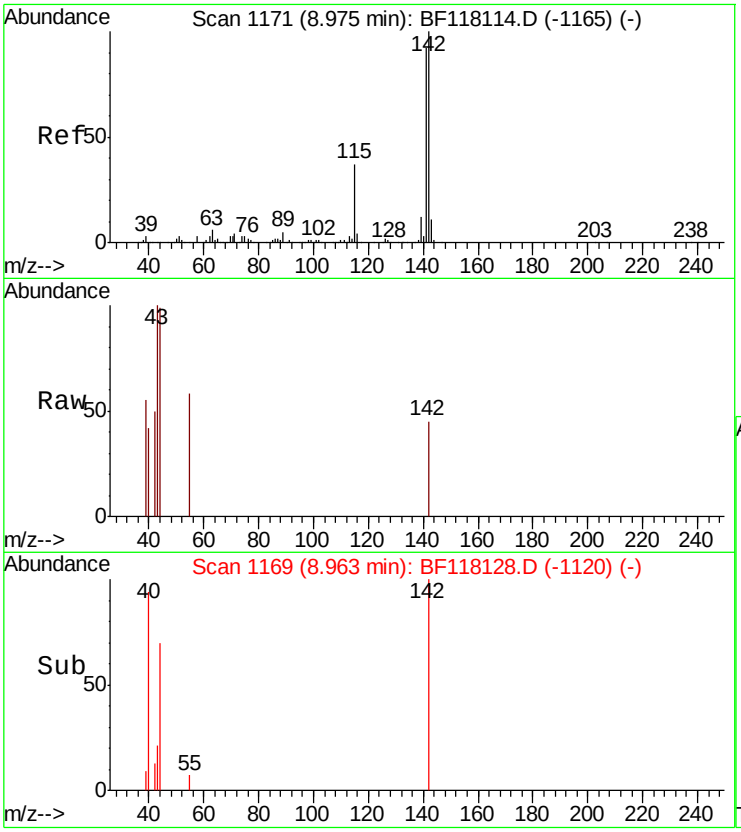


#37
2-Methylnaphthalene
Concen: 0.008 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:142 Resp: 137

Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.4	107.0#
115	0.0	28.2	42.4#



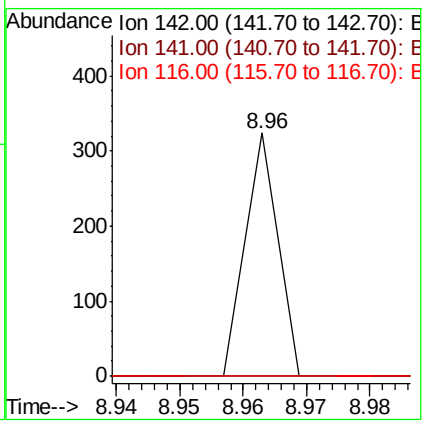


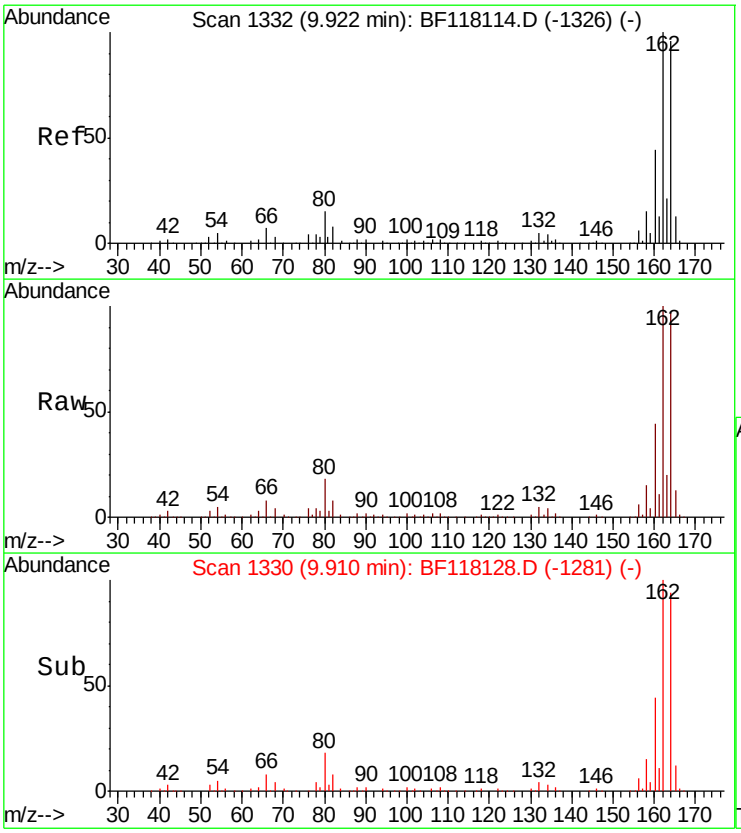
#38
1-Methylnaphthalene
Concen: 0.007 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 114

Ion	Ratio	Lower	Upper
142	100		
141	0.0	74.0	111.0#
116	0.0	3.2	4.8#

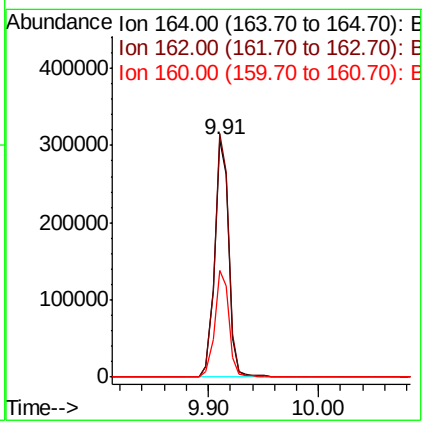


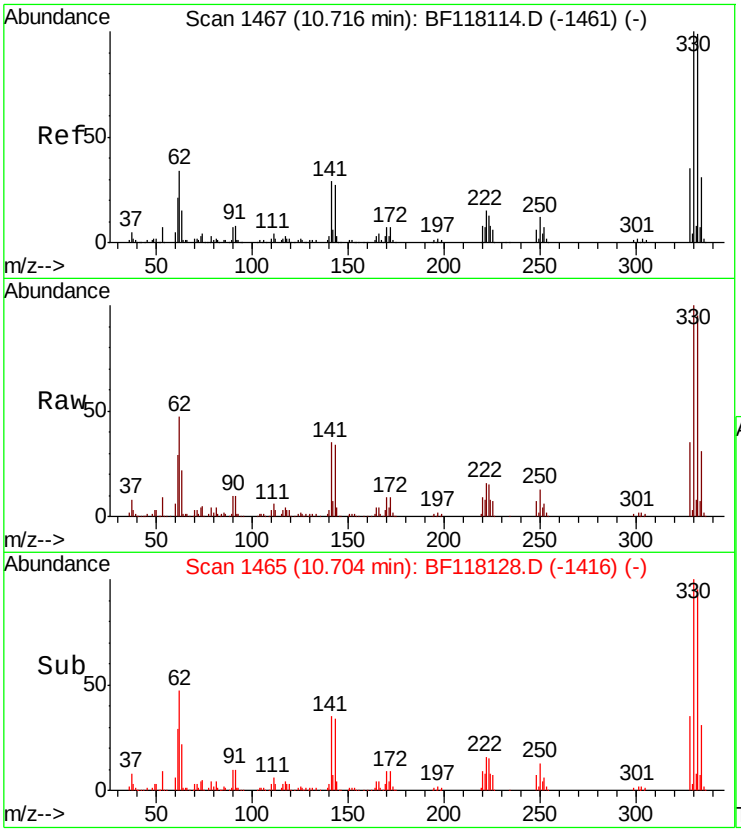


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:164 Resp: 272194

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.4	125.0
160	44.9	36.6	54.8



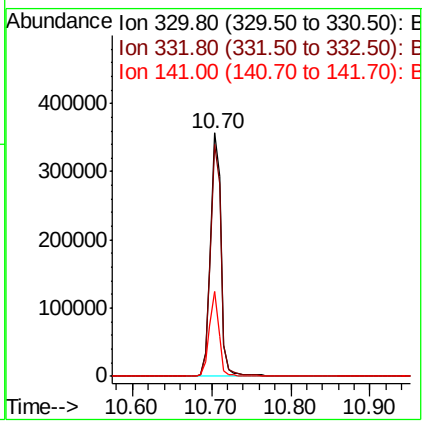


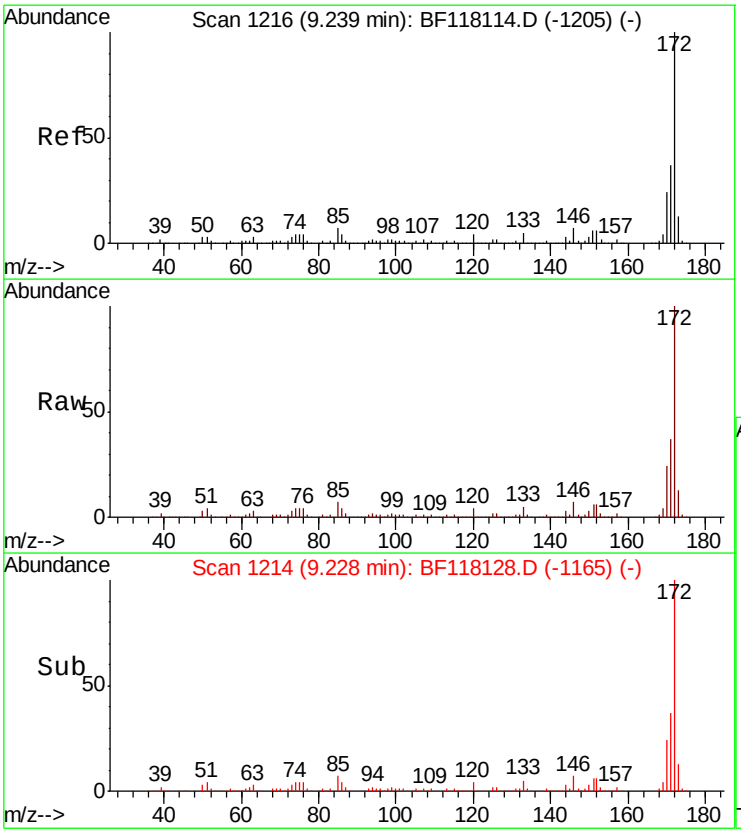
#42
2,4,6-Tribromophenol
Concen: 99.406 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 328703

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.1	117.1
141	31.7	26.9	40.3

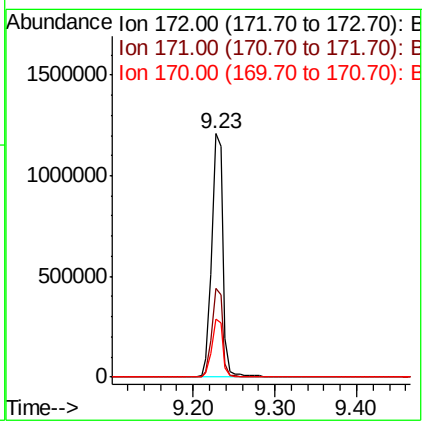


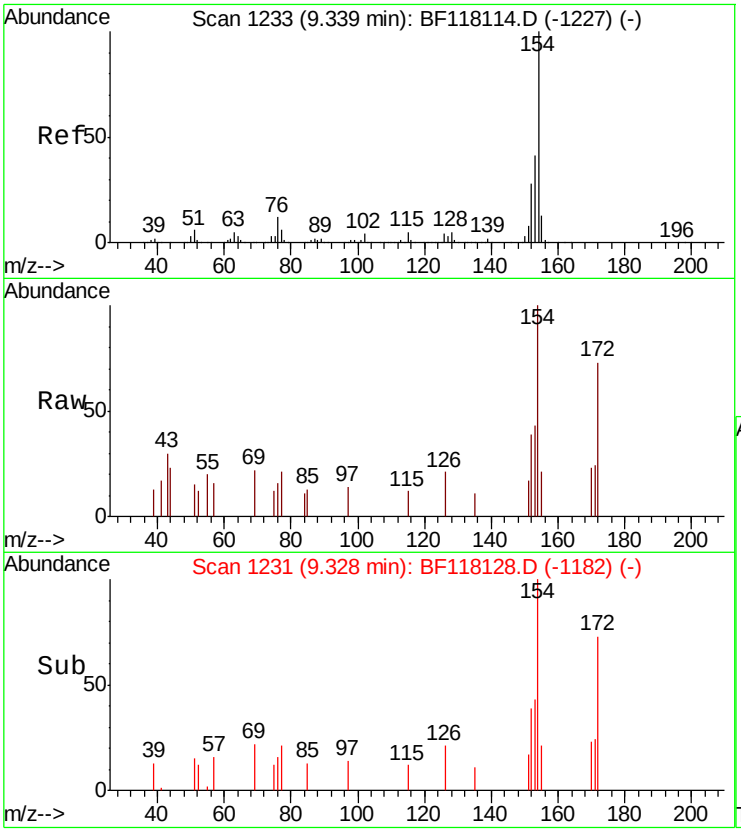


#45
2-Fluorobiphenyl
Concen: 64.655 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:172 Resp: 1156556

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	23.8	19.4	29.2



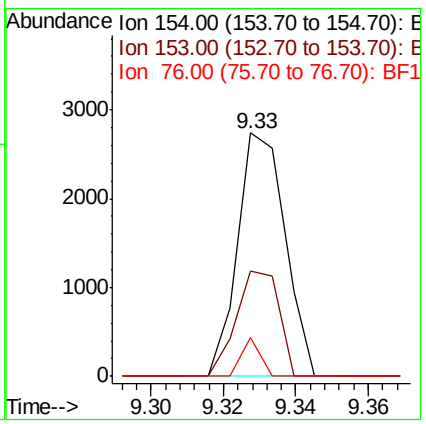


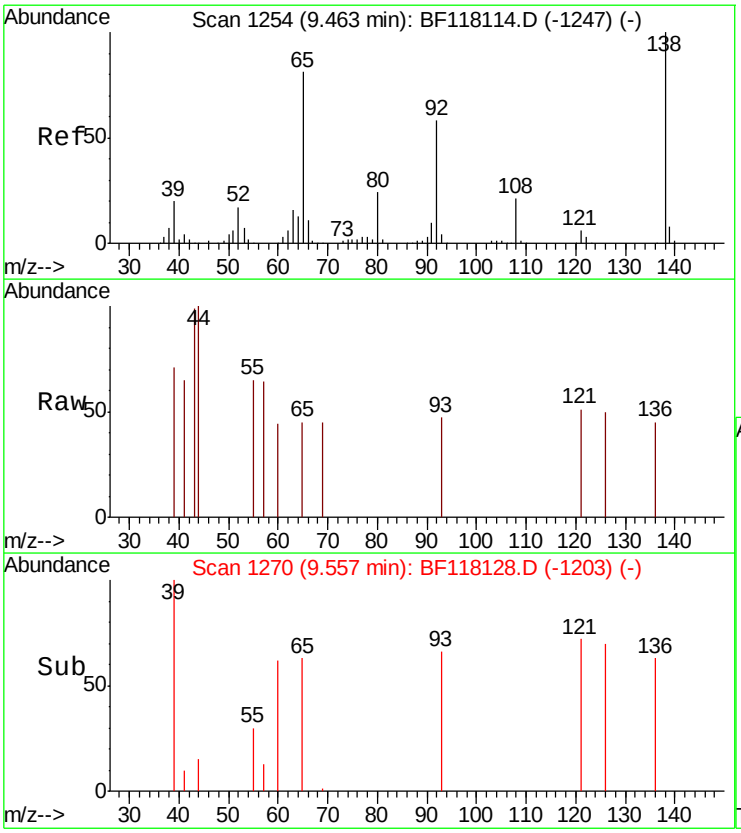
#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 2484

Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.7	60.7
76	15.8	0.0	31.9

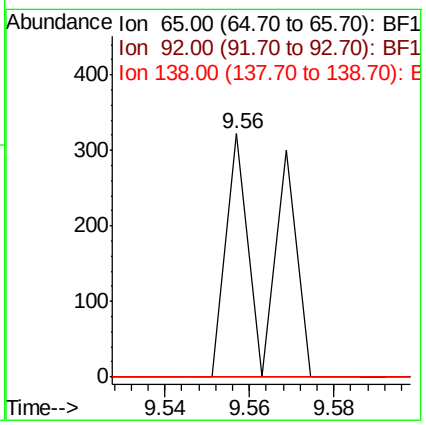


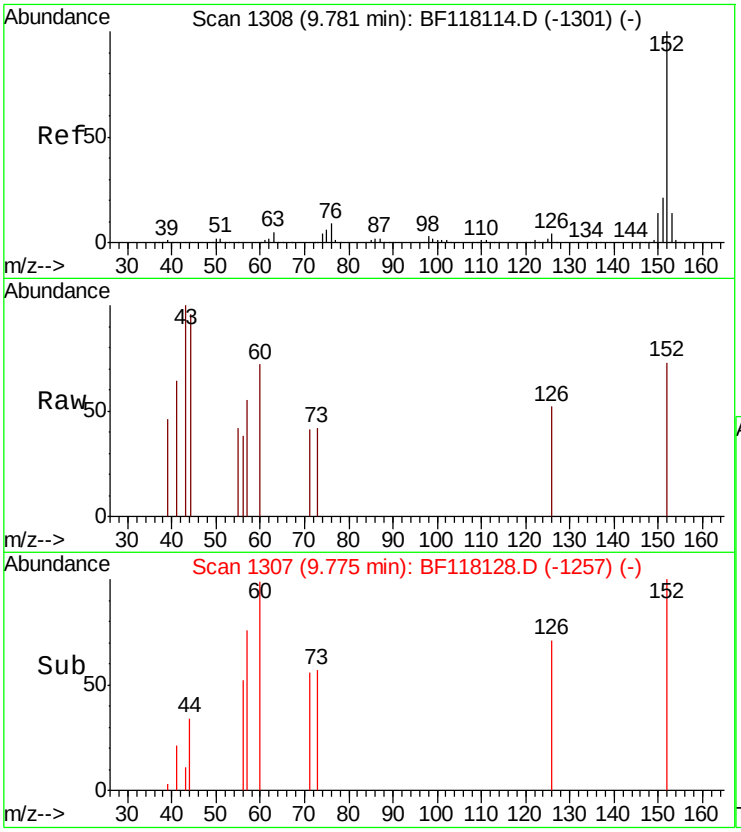


#48
2-Nitroaniline
Concen: 0.045 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.09 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion: 65 Resp: 220

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.8	86.6#
138	0.0	98.8	148.2#



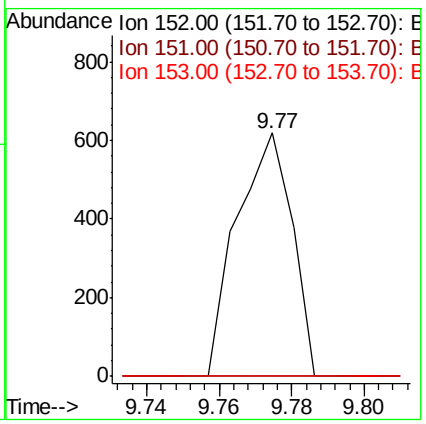


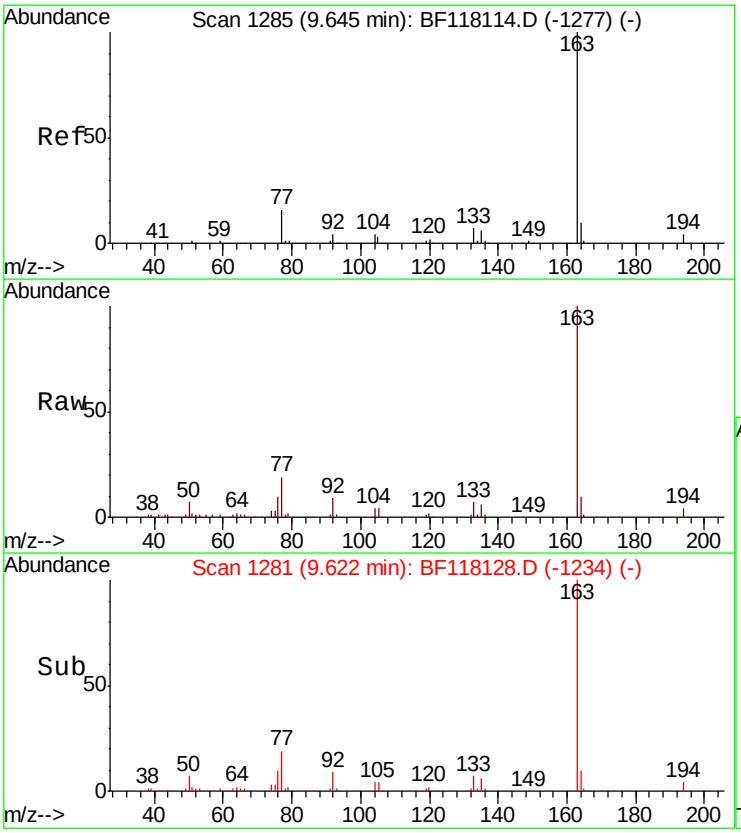
#49
Acenaphthylene
Concen: 0.026 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 650

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.4	24.6#
153	0.0	10.8	16.2#

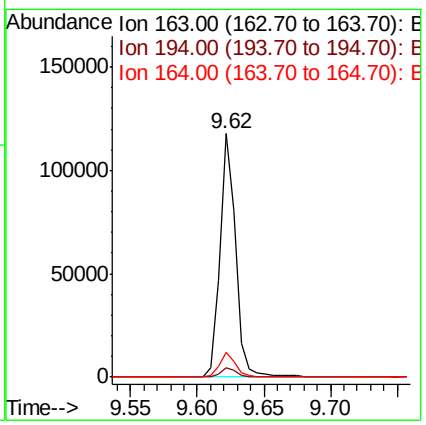


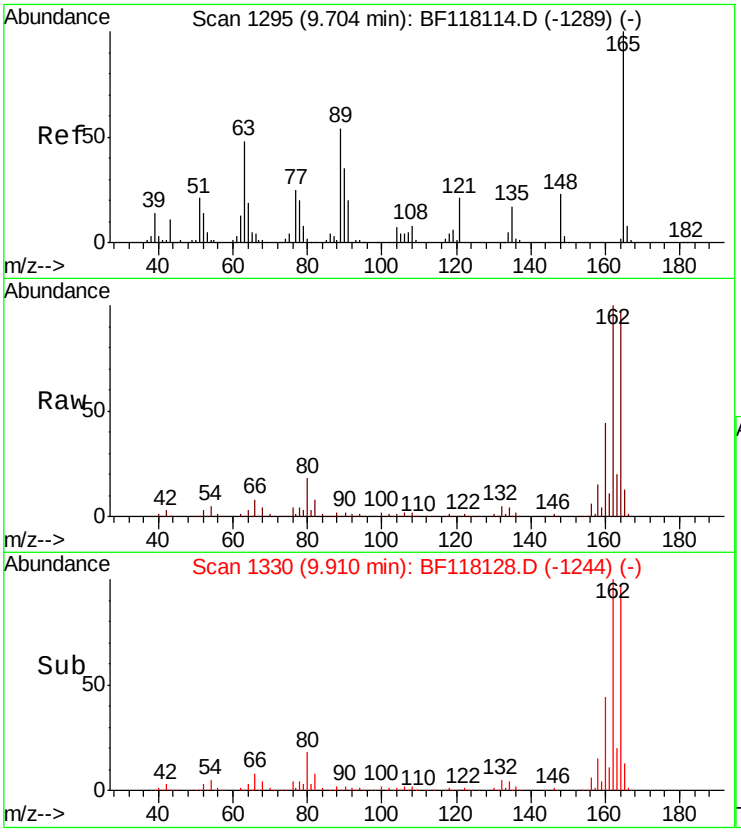


#50
Dimethylphthalate
Concen: 4.891 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:163 Resp: 98343

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.3	7.7	11.5



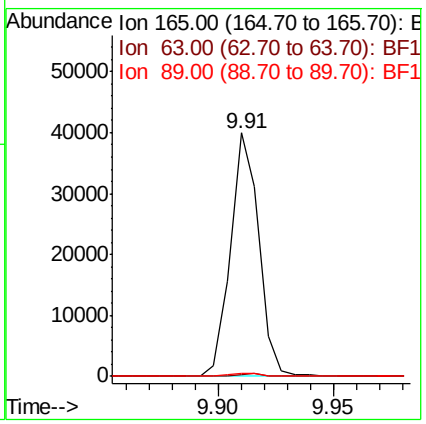


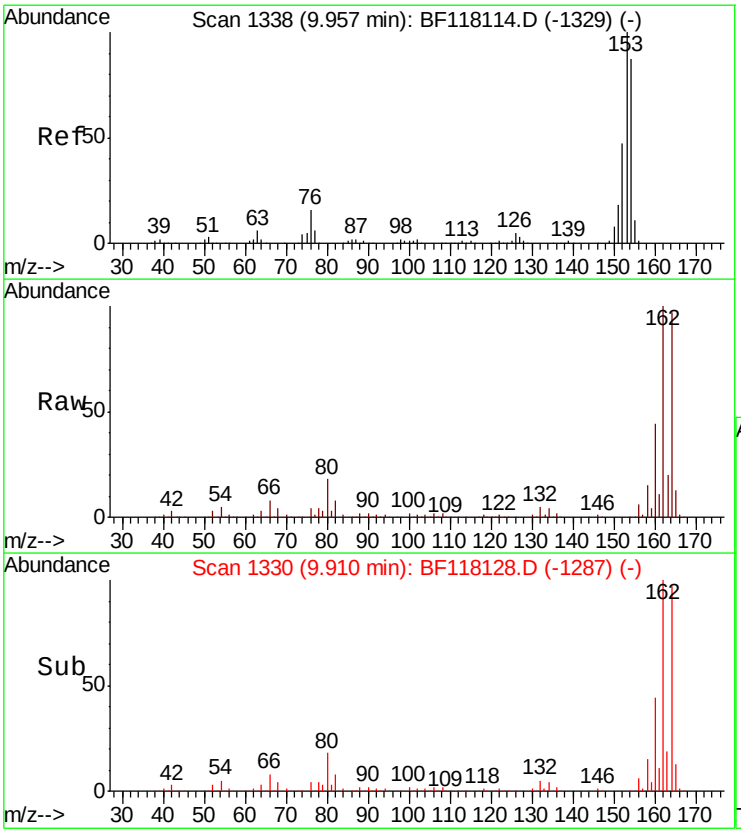
#51
2,6-Dinitrotoluene
Concen: 7.801 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34104

Ion	Ratio	Lower	Upper
165	100		
63	0.8	41.4	62.0#
89	1.4	42.9	64.3#

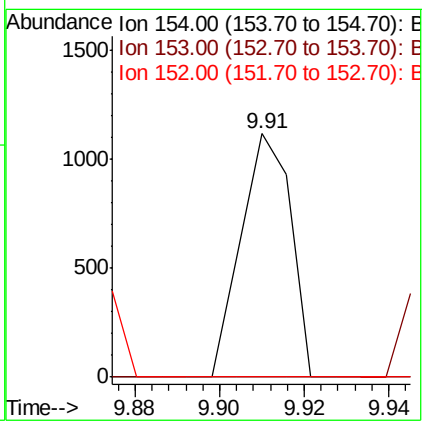


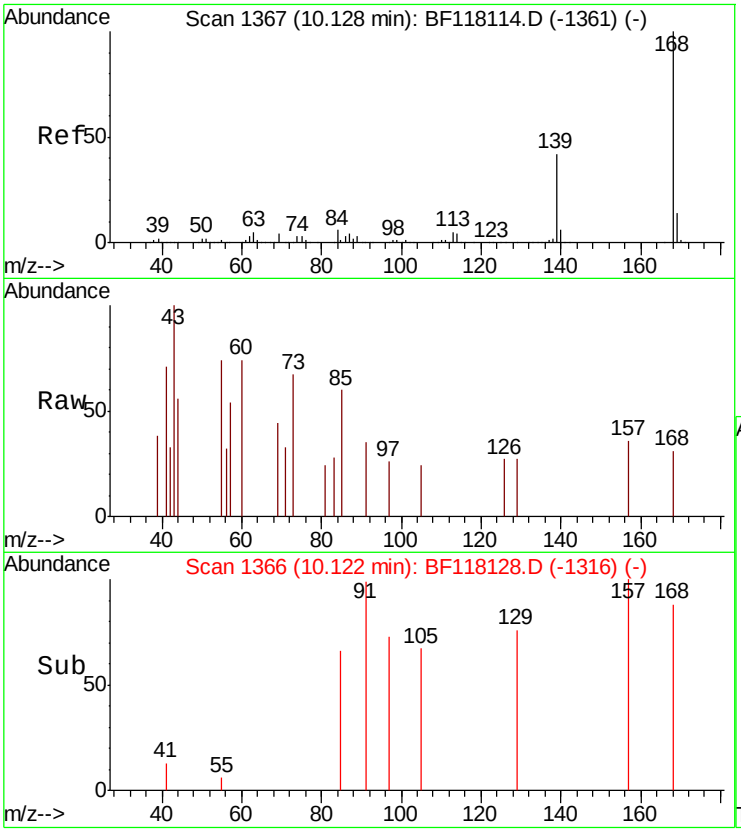


#52
Acenaphthene
Concen: 0.059 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:154 Resp: 915

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.8	137.6#
152	0.0	43.3	64.9#



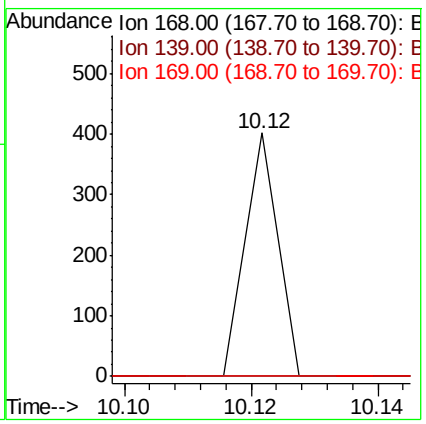


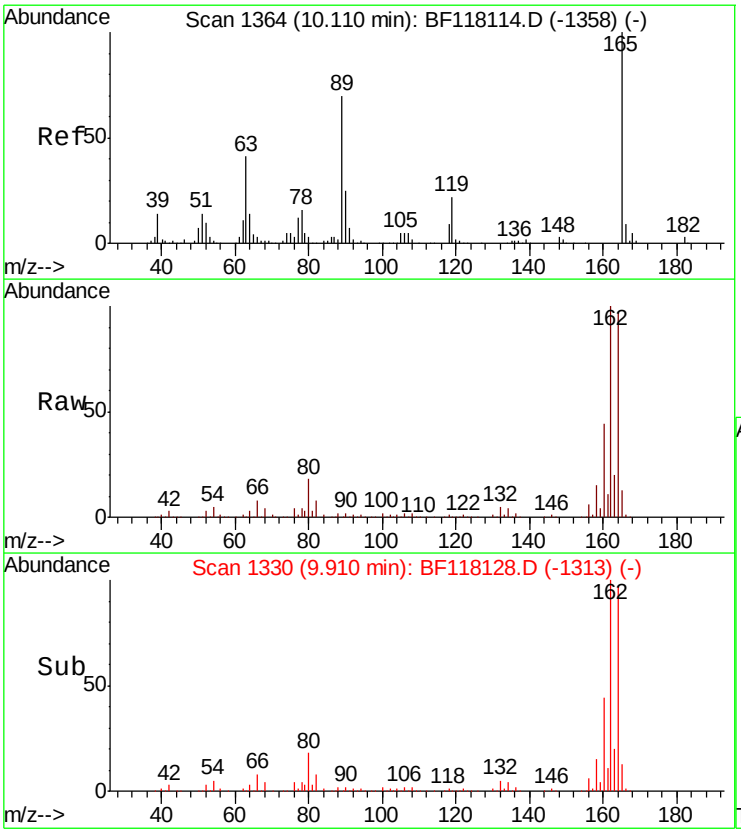
#55
Dibenzofuran
Concen: 0.006 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 142

Ion	Ratio	Lower	Upper
168	100		
139	0.0	33.4	50.0#
169	0.0	11.0	16.6#

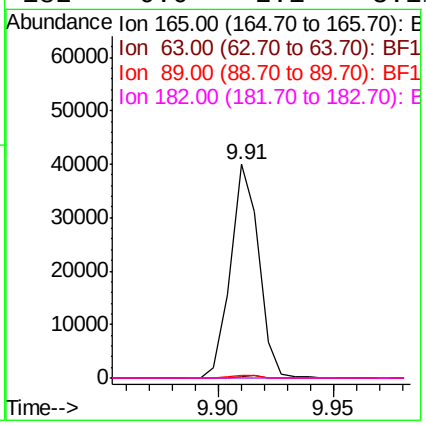


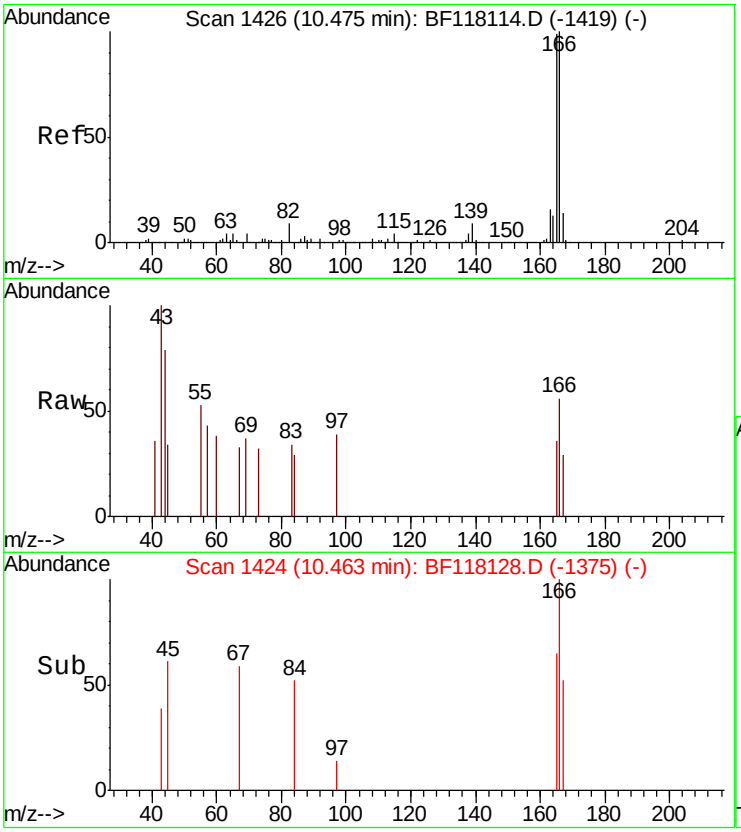


#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:165 Resp: 34104

Ion	Ratio	Lower	Upper
165	100		
63	0.8	32.6	49.0#
89	1.4	56.1	84.1#
182	0.0	2.1	3.1#



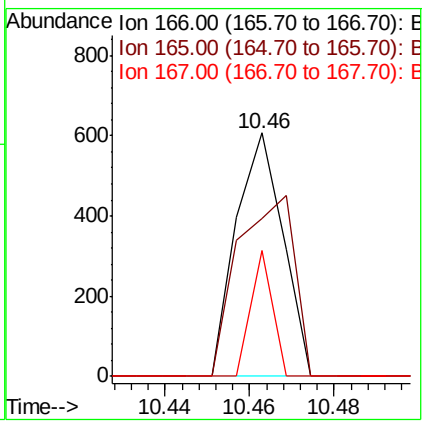


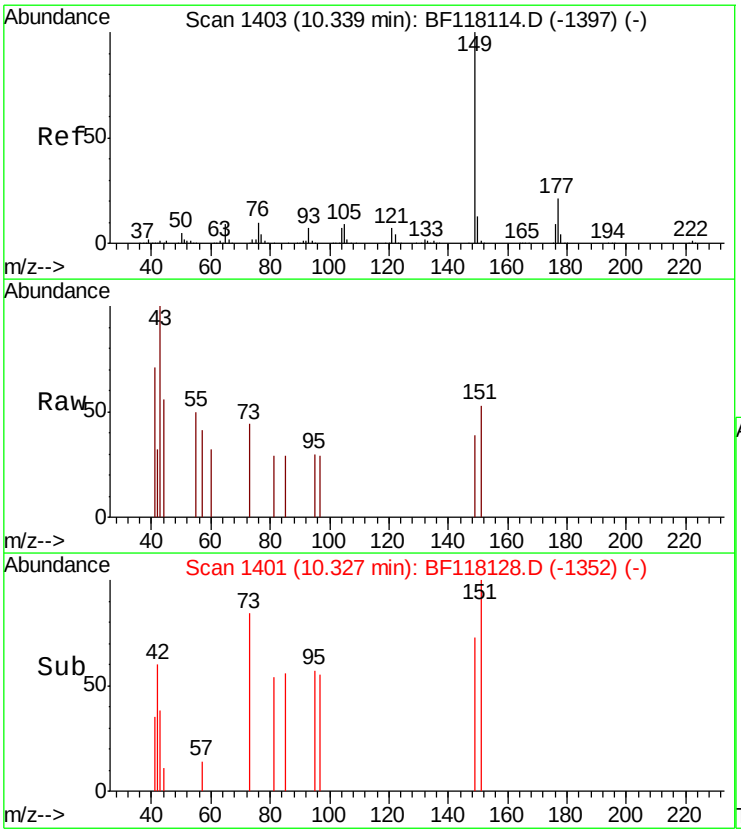
#58
Fluorene
Concen: 0.026 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 466

Ion	Ratio	Lower	Upper
166	100		
165	64.7	79.0	118.4#
167	51.6	10.9	16.3#

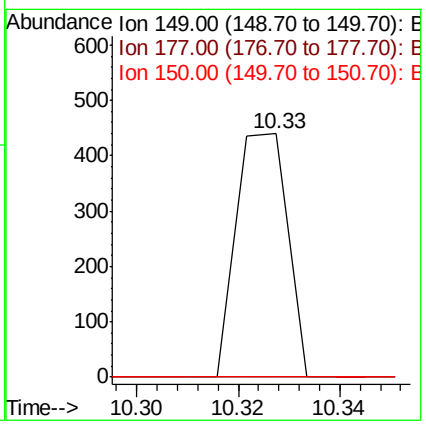


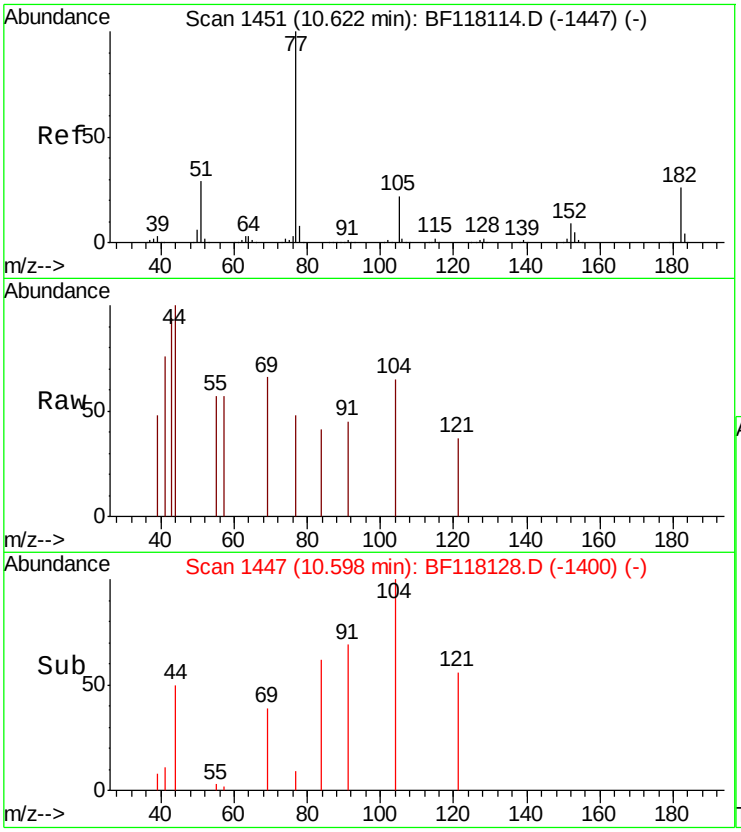


#60
Diethylphthalate
Concen: 0.016 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:149 Resp: 309

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.4#
150	0.0	10.1	15.1#



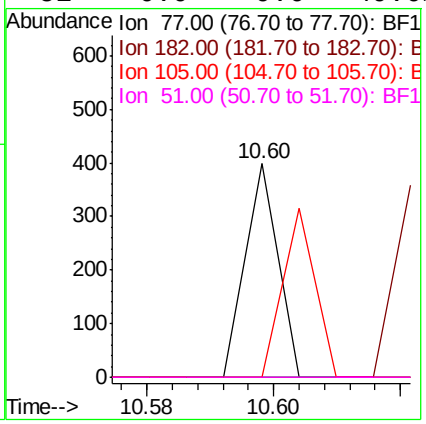


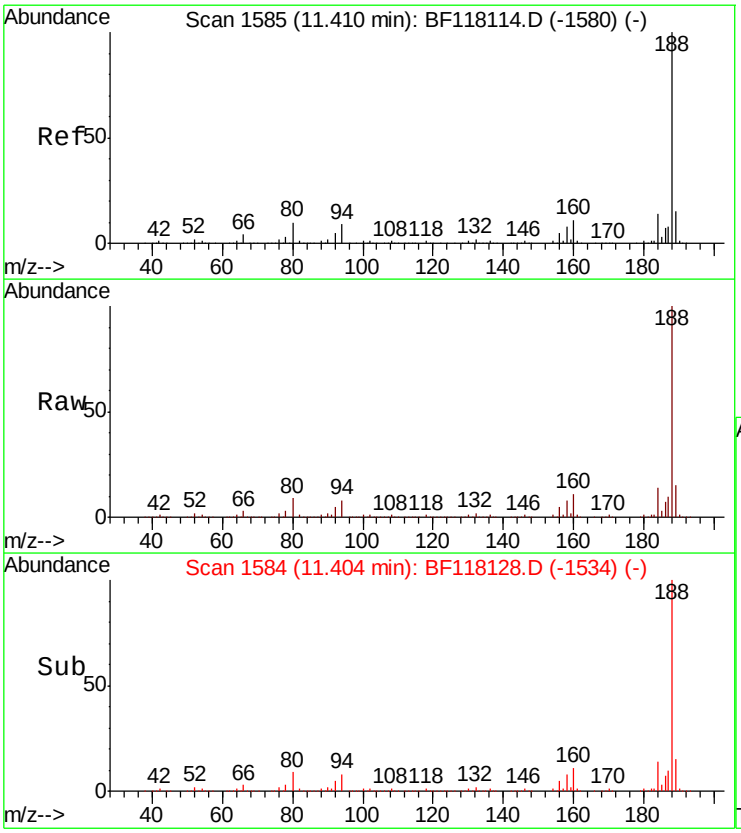
#63
Azobenzene
Concen: 0.008 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 141

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.7	45.7#
105	0.0	2.2	42.2#
51	0.0	9.6	49.6#

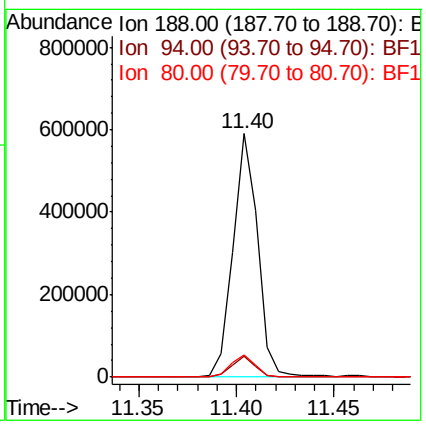


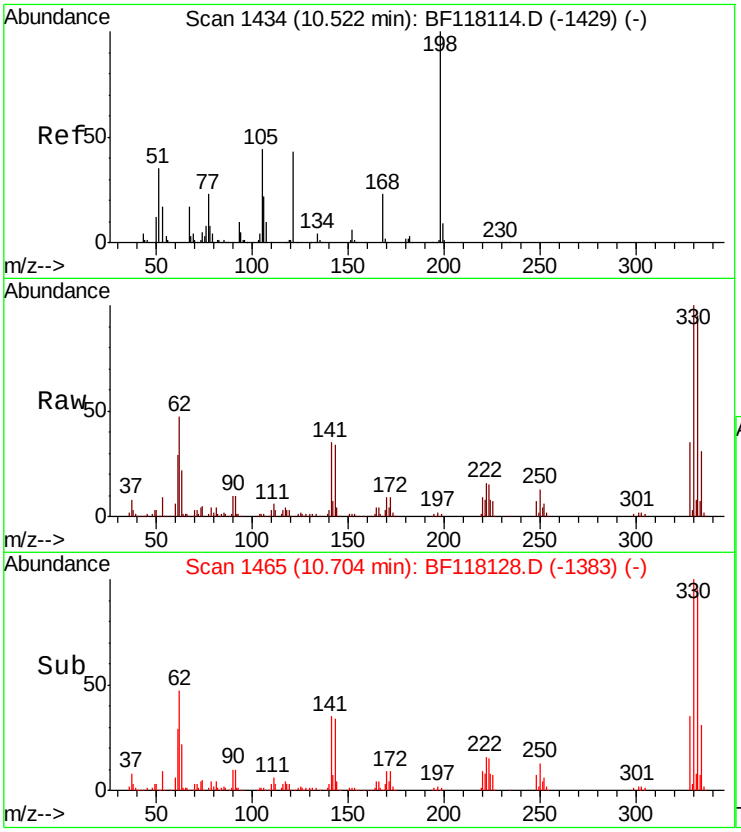


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:188 Resp: 516442

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.2	7.9	11.9



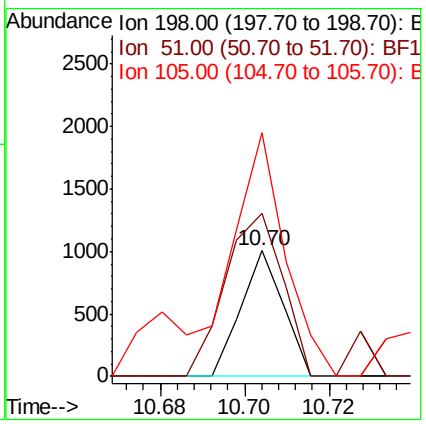


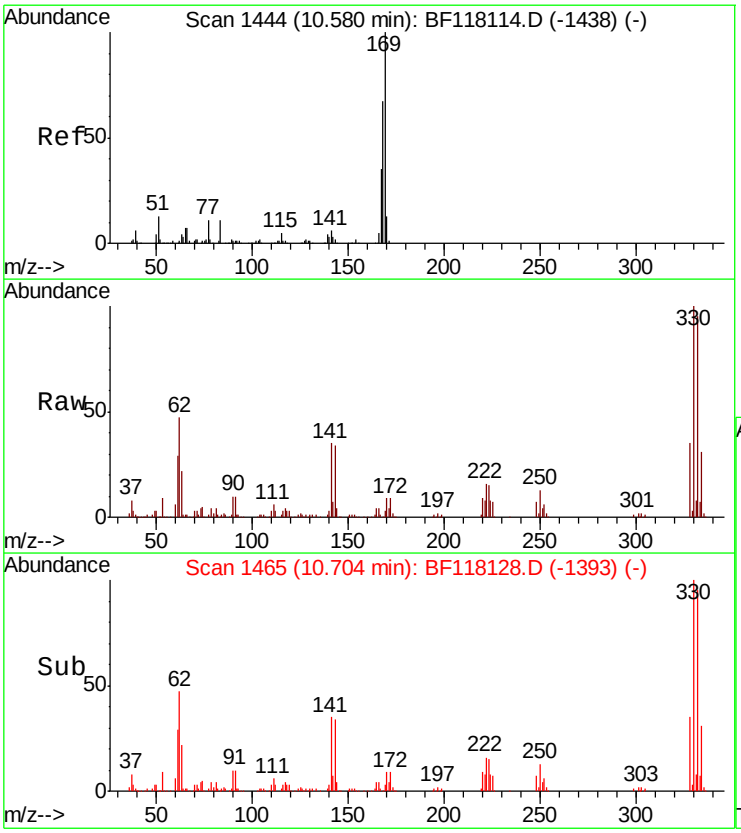
#65
4,6-Dinitro-2-methylphenol
Concen: 0.245 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 698

Ion	Ratio	Lower	Upper
198	100		
51	129.3	22.0	62.0#
105	193.7	25.6	65.6#

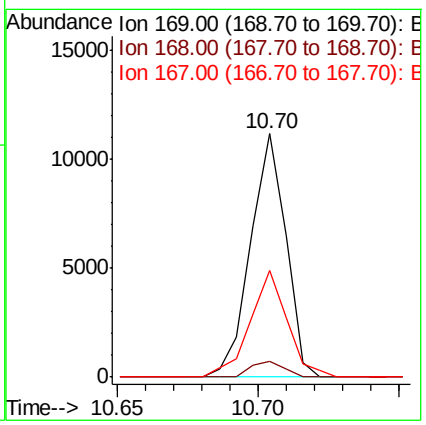


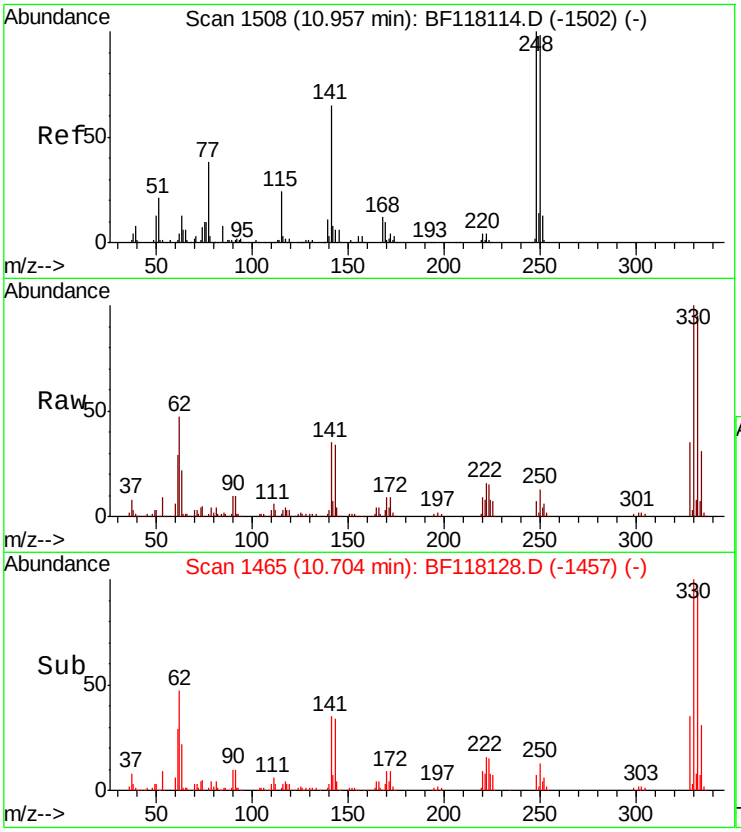


#66
n-Nitrosodiphenylamine
Concen: 0.600 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.12 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:169 Resp: 9684

Ion	Ratio	Lower	Upper
169	100		
168	6.2	53.4	80.2#
167	43.6	28.4	42.6#



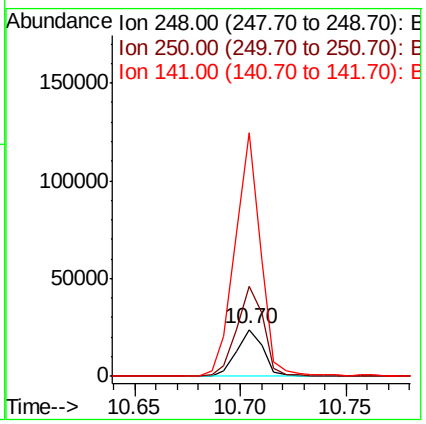


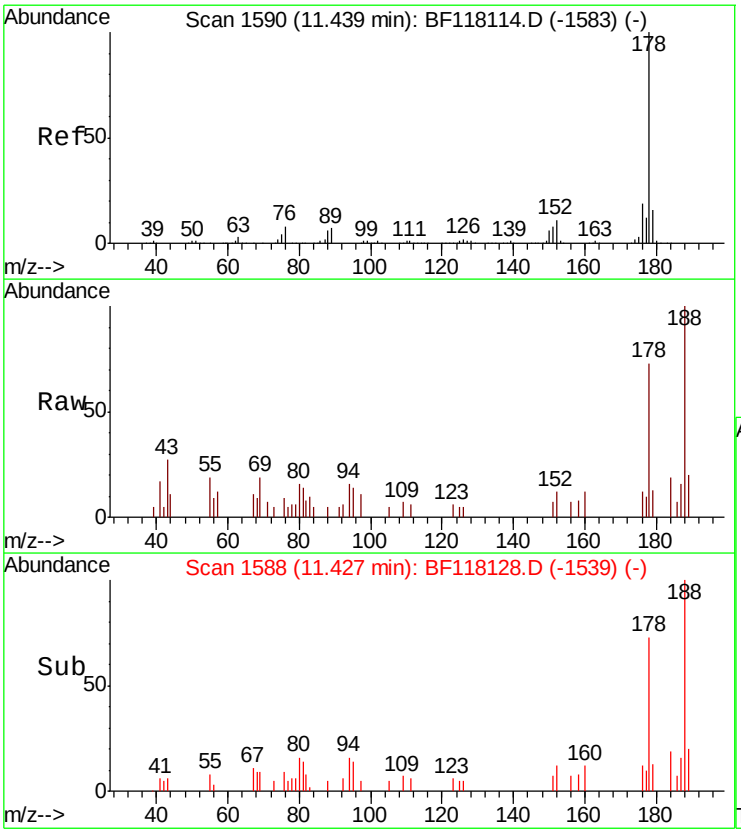
#67
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 20801

Ion	Ratio	Lower	Upper
248	100		
250	191.6	78.3	117.5#
141	521.5	52.2	78.4#

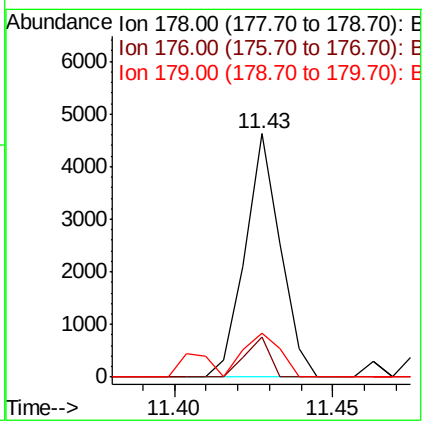


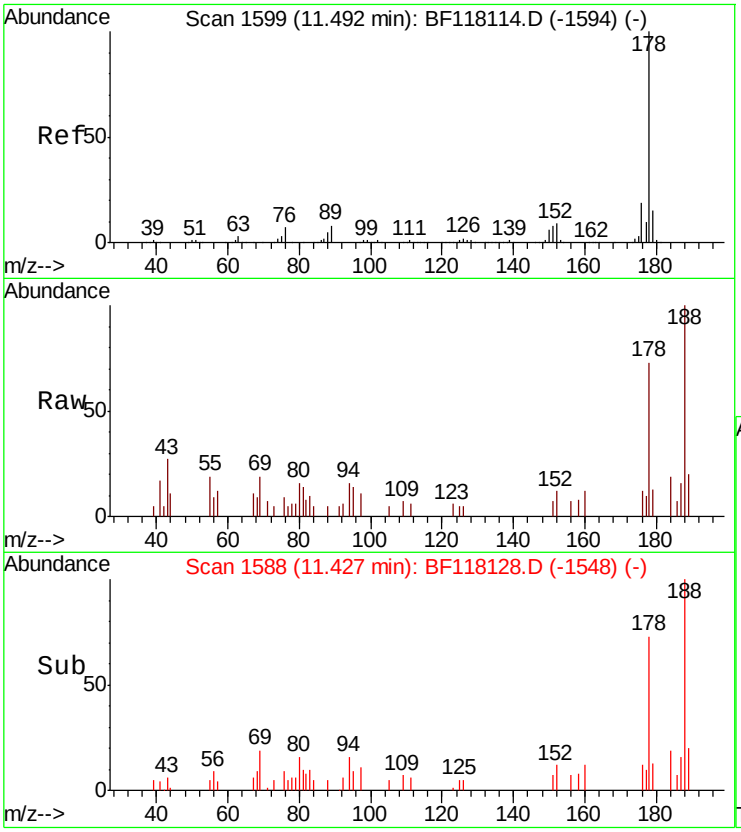


#71
Phenanthrene
Concen: 0.130 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:178 Resp: 3569

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.5	23.3
179	17.8	12.6	18.8



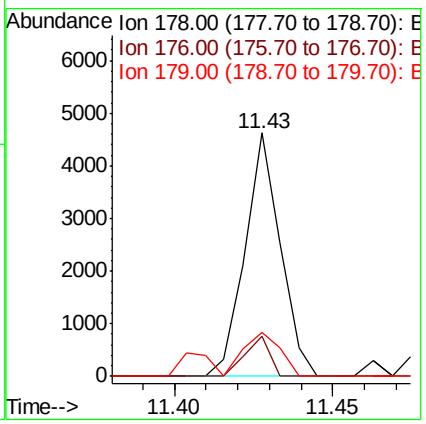


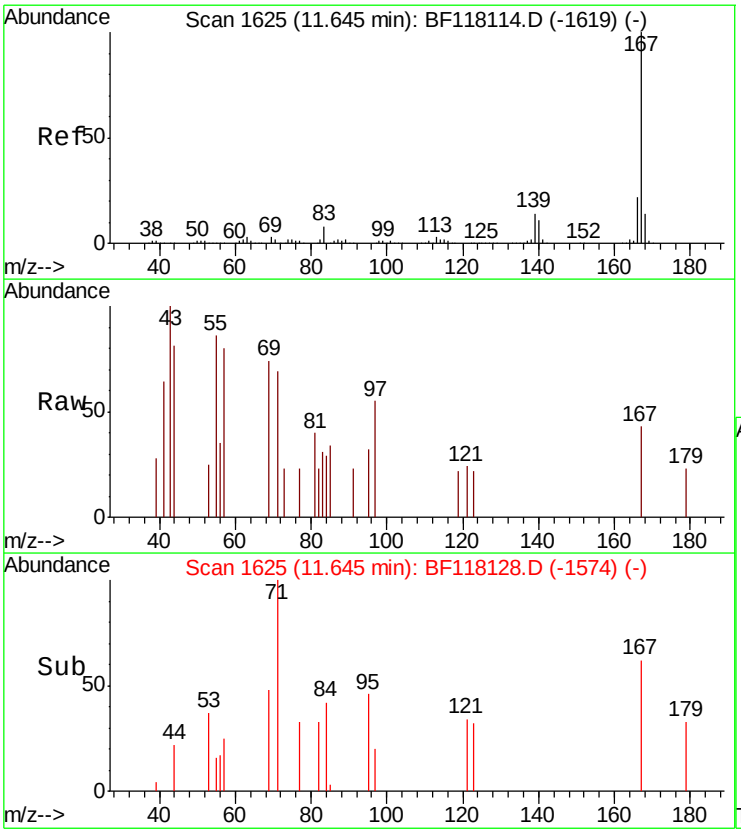
#72
Anthracene
Concen: 0.130 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.06 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3569

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.0	22.6
179	17.8	12.2	18.4

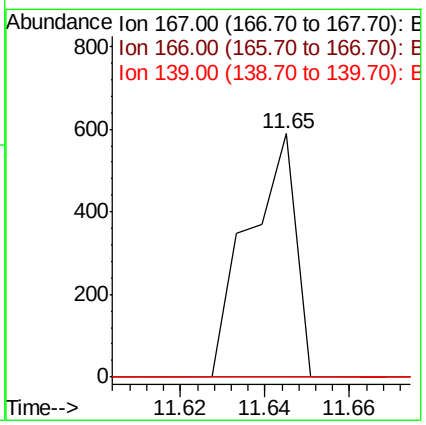


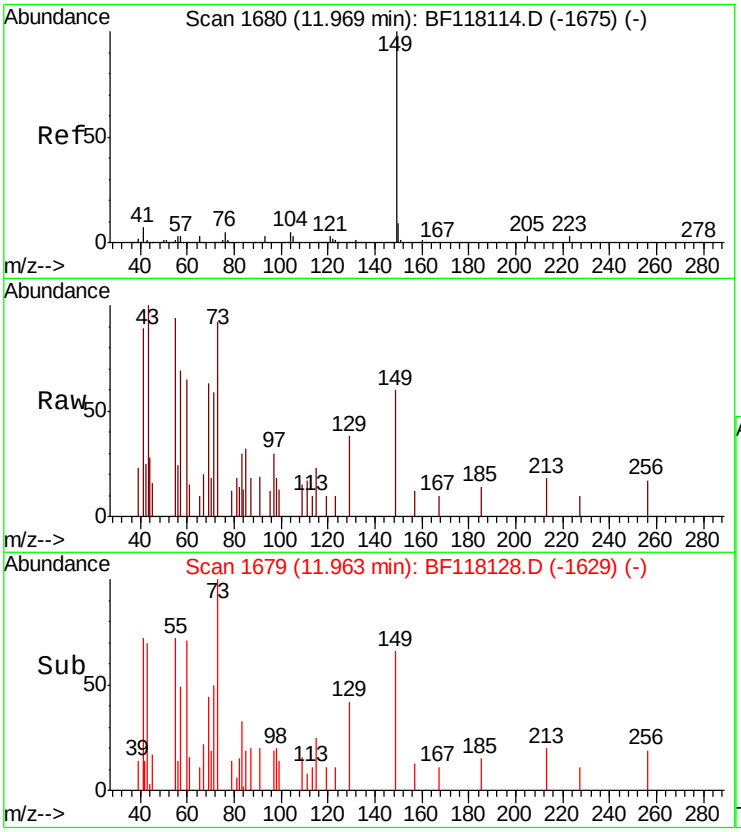


#73
Carbazole
Concen: 0.019 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:167 Resp: 461

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	0.0	11.4	17.0#



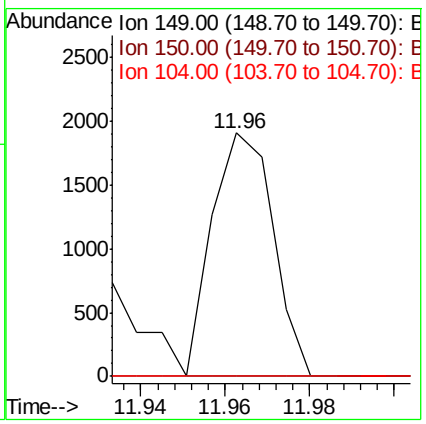


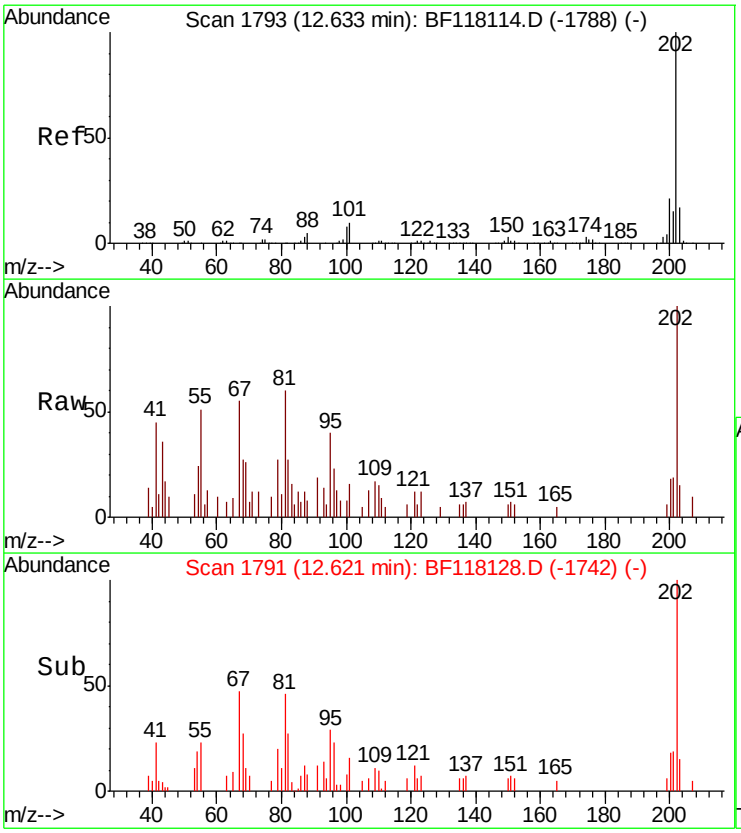
#74
Di-n-butylphthalate
Concen: 0.062 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1914

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	4.3	6.5#

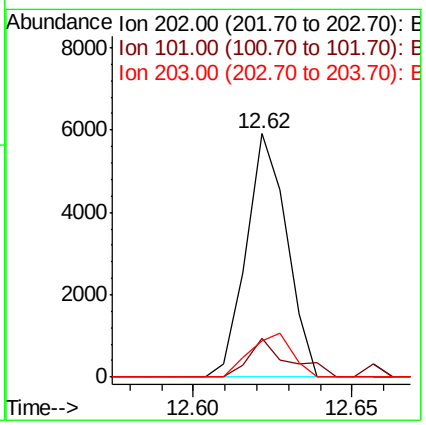


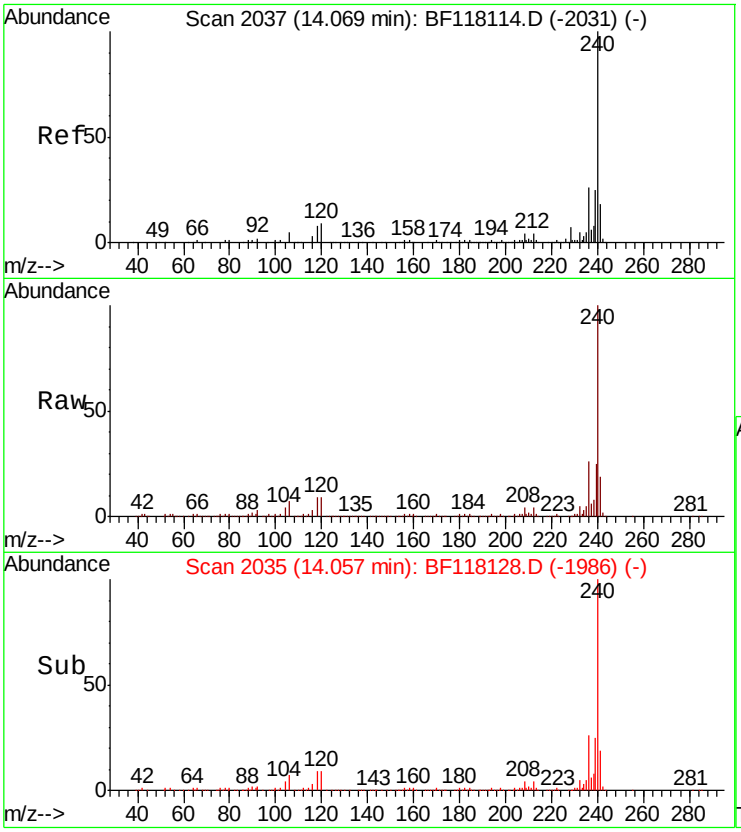


#75
Fluoranthene
Concen: 0.187 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:202 Resp: 5248

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	30.4
203	15.0	0.0	37.2



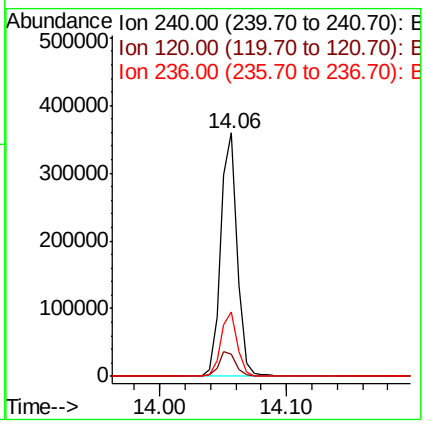


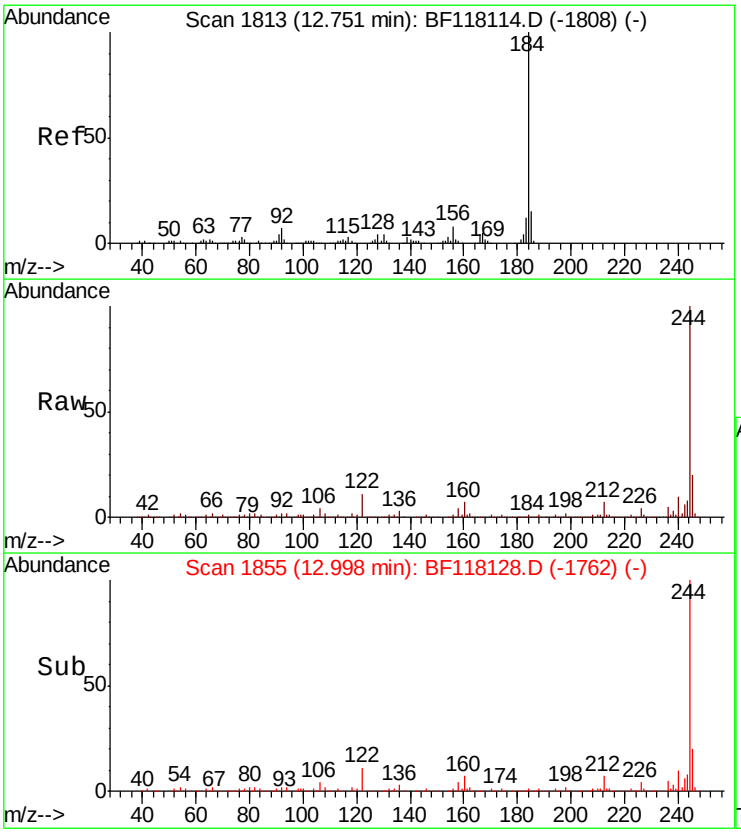
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 326692

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.1	10.7
236	26.5	21.0	31.6

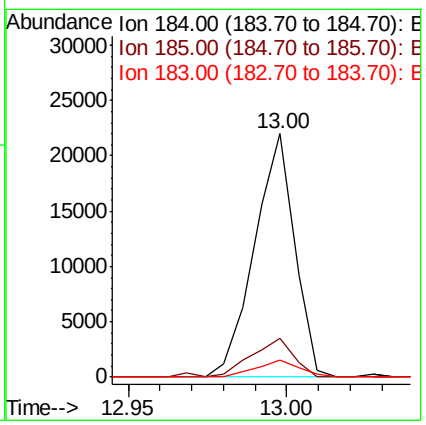


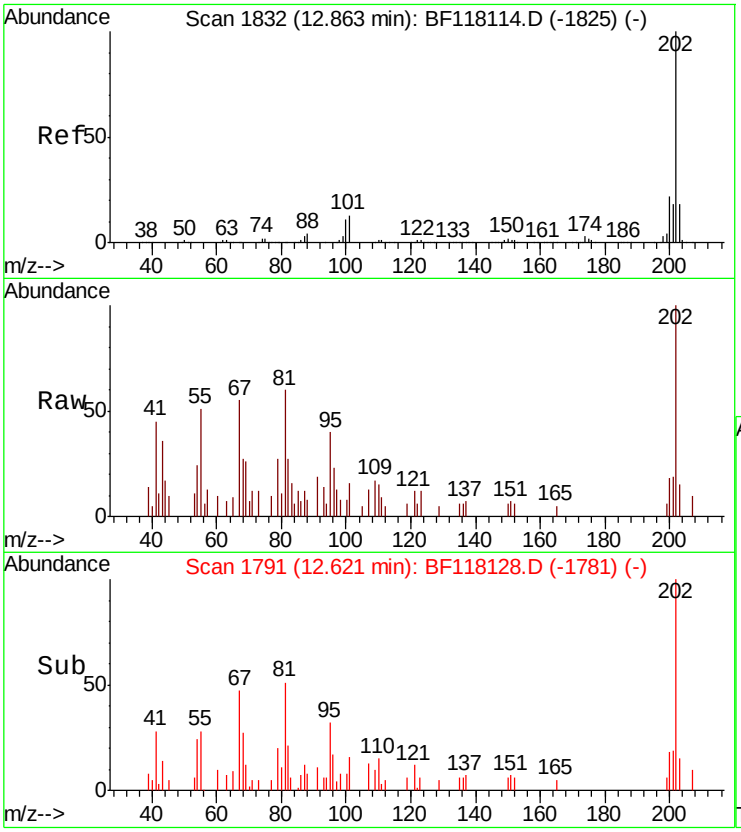


#77
Benzidine
Concen: 2.255 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:184 Resp: 19392

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.3	18.5
183	6.9	9.9	14.9#



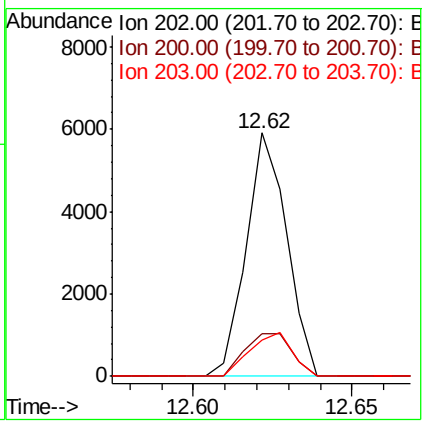


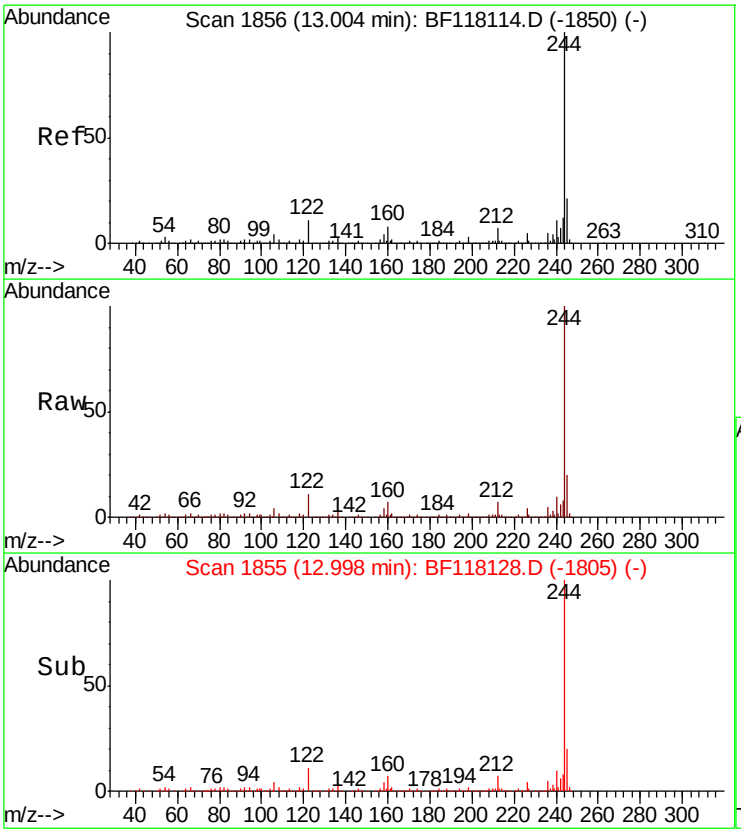
#78
Pyrene
Concen: 0.204 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.24 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 5248

Ion	Ratio	Lower	Upper
202	100		
200	17.7	17.5	26.3
203	15.0	14.6	21.8

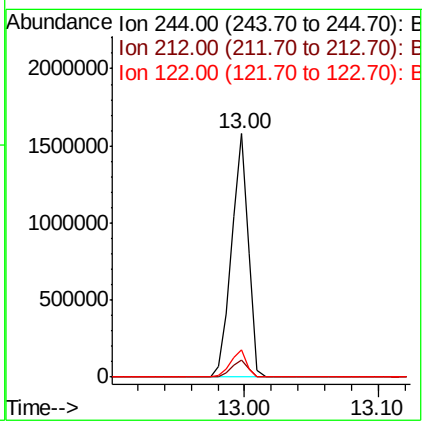


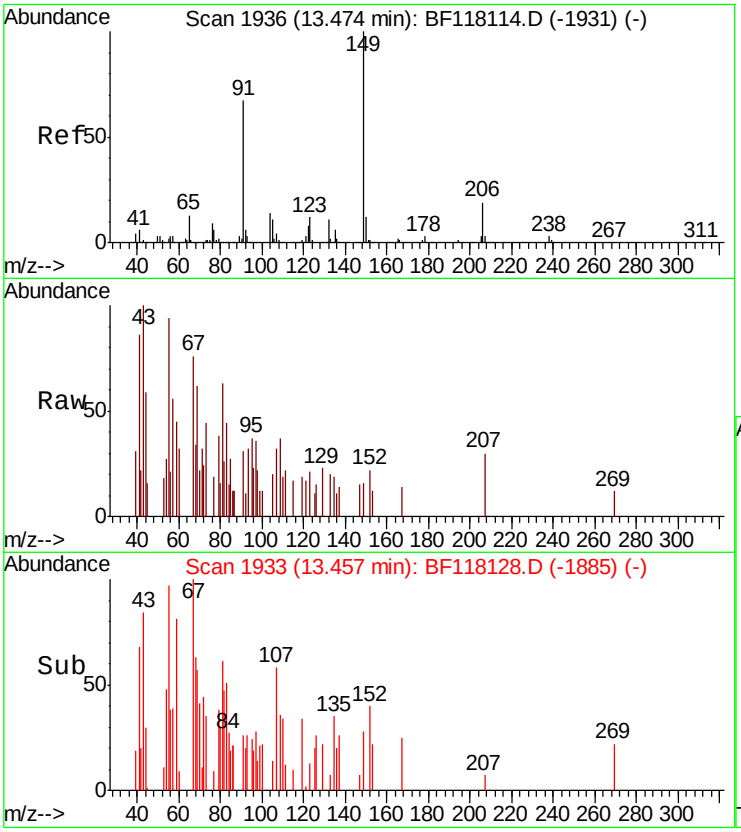


#79
Terphenyl-d14
Concen: 73.687 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:244 Resp: 1399888

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.3	9.0	13.6



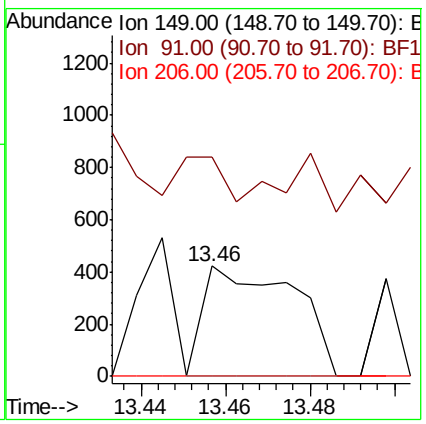


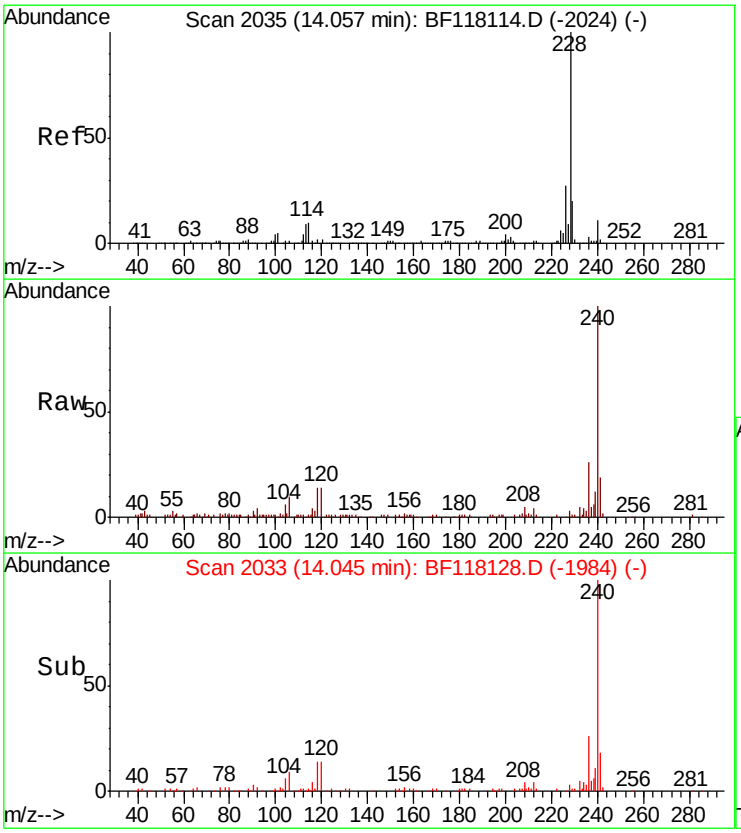
#80
Butylbenzylphthalate
Concen: 0.054 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 632

Ion	Ratio	Lower	Upper
149	100		
91	200.0	53.9	80.9#
206	0.0	15.2	22.8#

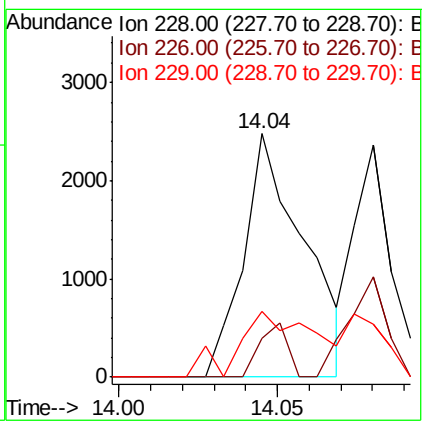


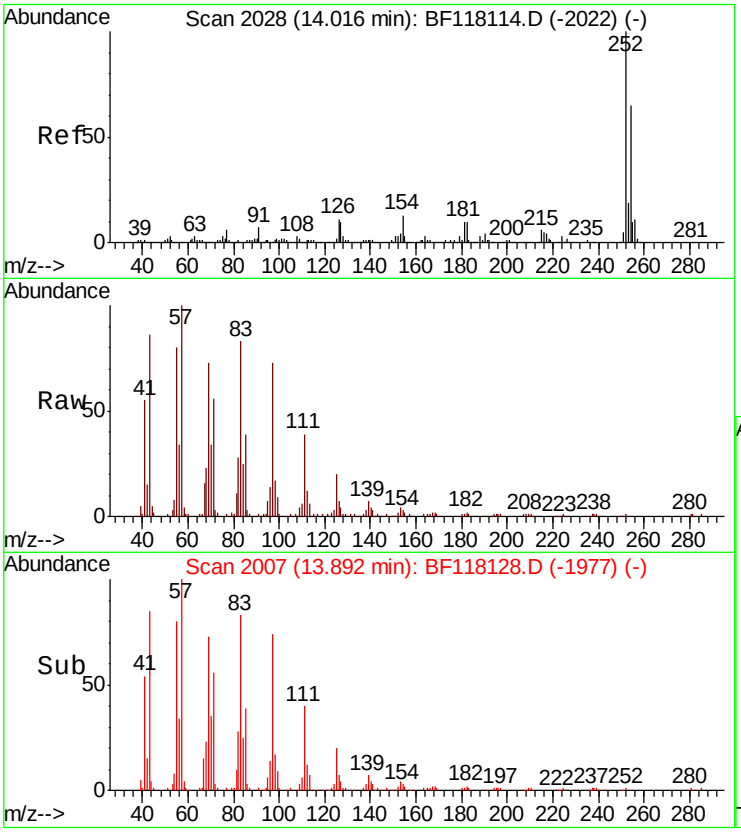


#81
Benzo(a)anthracene
Concen: 0.145 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:228 Resp: 3269

Ion	Ratio	Lower	Upper
228	100		
226	15.8	21.8	32.8#
229	26.8	15.8	23.8#



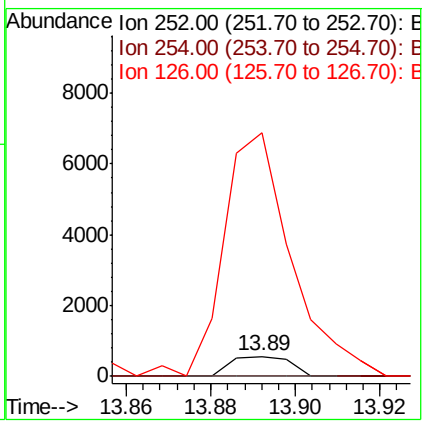


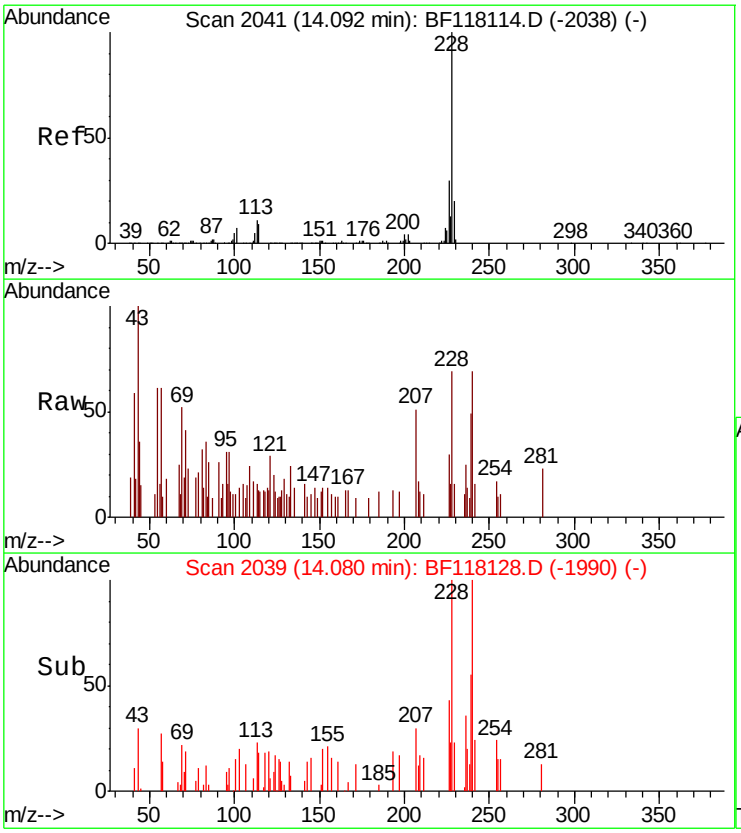
#82
3,3'-Dichlorobenzidine
Concen: 0.073 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.12 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 542

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.2	78.4#
126	1221.7	8.6	13.0#

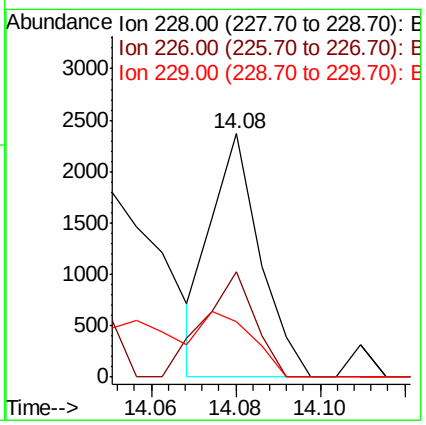


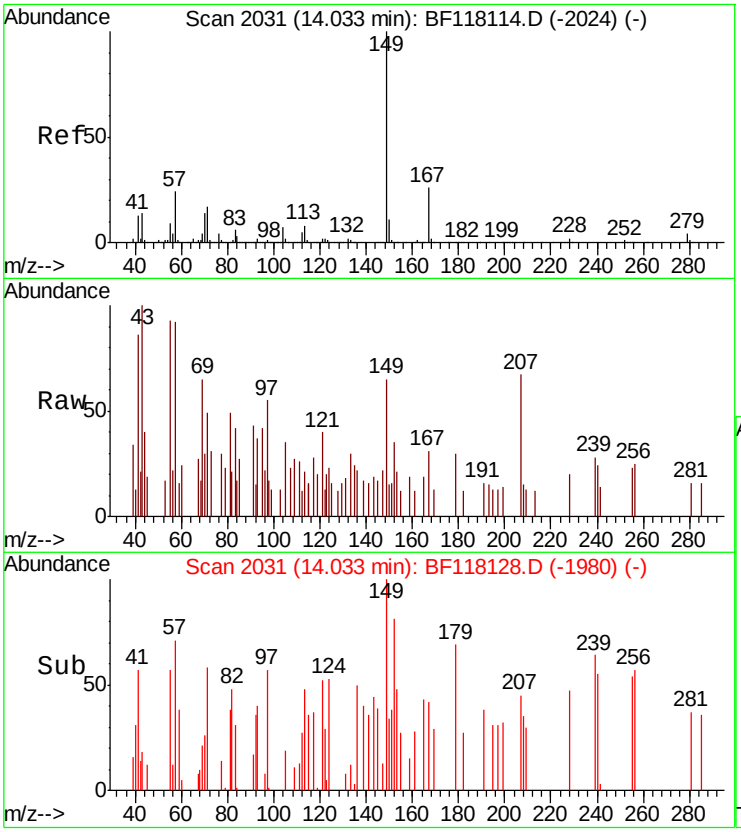


#83
Chrysene
Concen: 0.088 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:228 Resp: 1900

Ion	Ratio	Lower	Upper
228	100		
226	43.2	23.8	35.8#
229	22.6	15.7	23.5



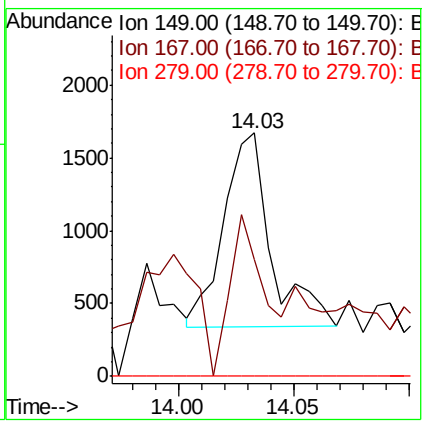


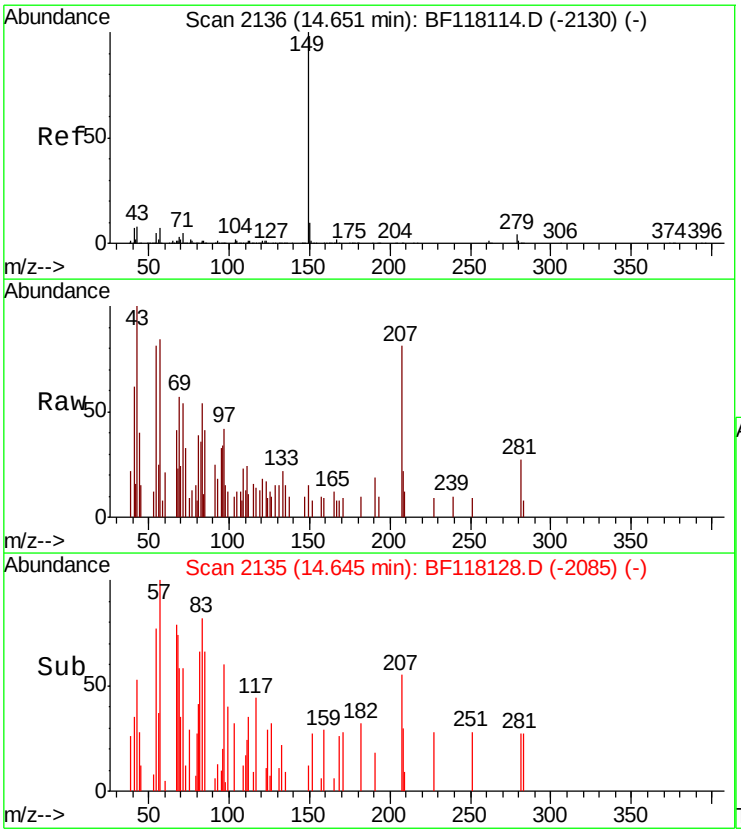
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1883

Ion	Ratio	Lower	Upper
149	100		
167	48.0	20.8	31.2#
279	0.0	2.9	4.3#

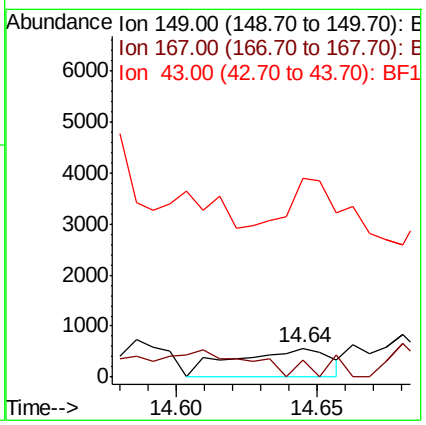


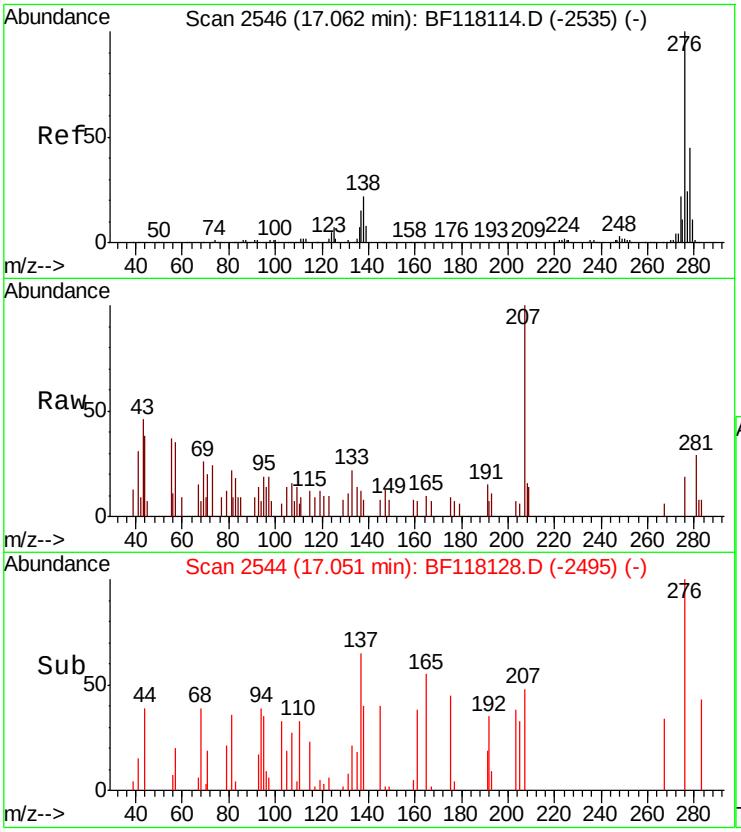


#85
Di-n-octyl phthalate
Concen: 0.057 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:149 Resp: 1335

Ion	Ratio	Lower	Upper
149	100		
167	8.7	1.3	1.9#
43	0.0	6.5	9.7#



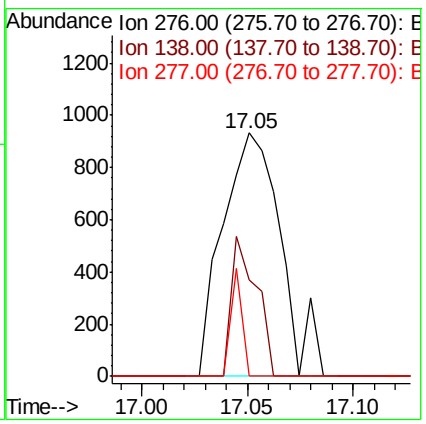


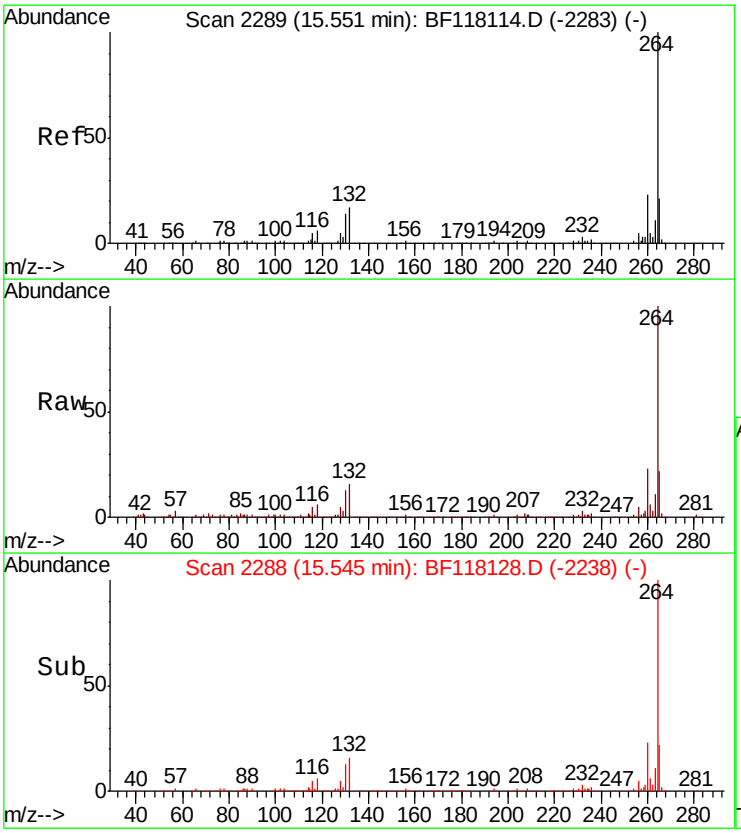
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1779

Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.9	28.3
277	8.2	20.4	30.6#

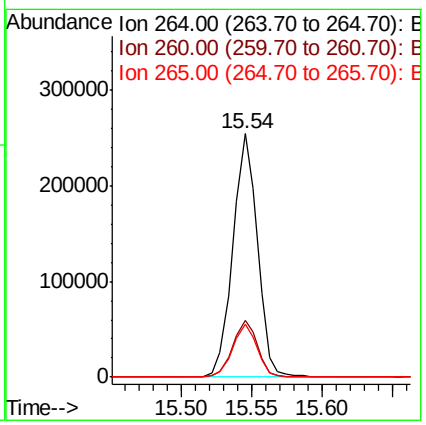


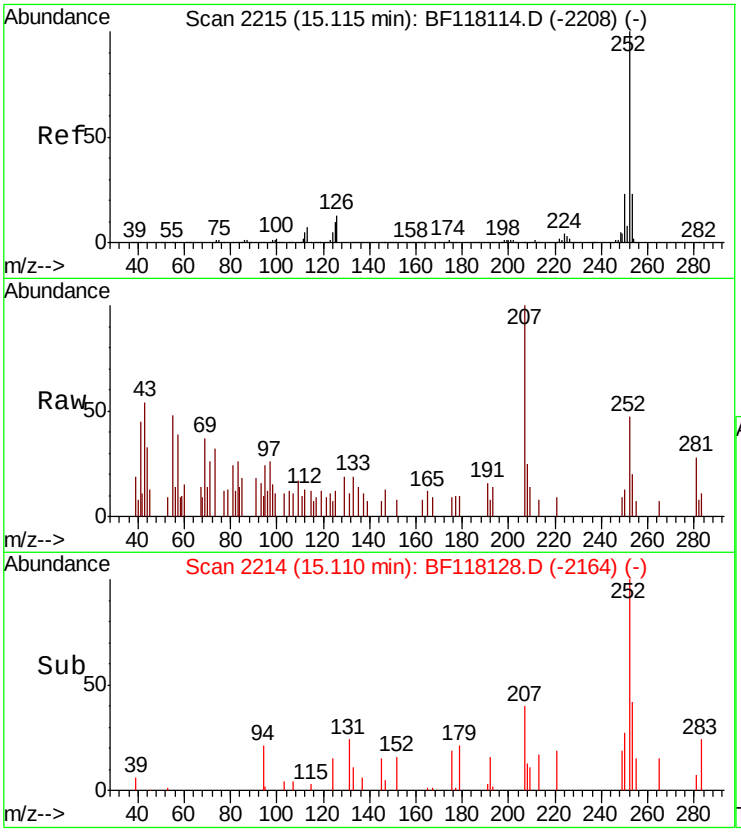


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:264 Resp: 308836

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.8	16.8	25.2



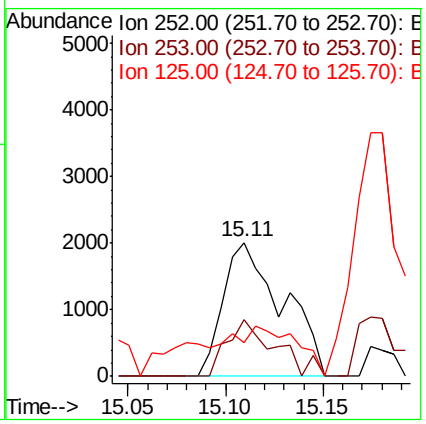


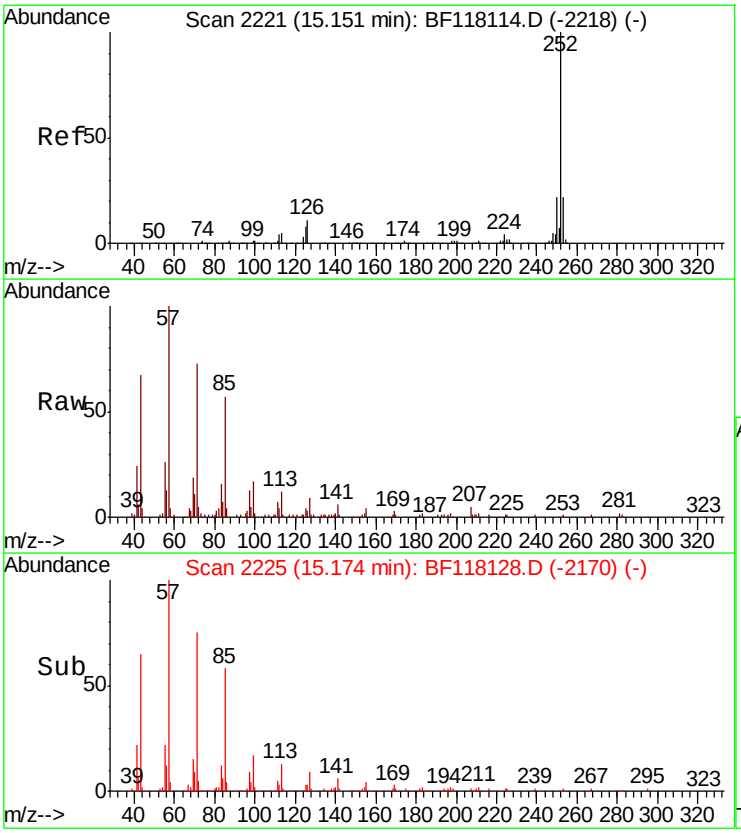
#88
Benzo(b)fluoranthene
Concen: 0.207 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 4234

Ion	Ratio	Lower	Upper
252	100		
253	42.2	18.2	27.4#
125	25.4	8.3	12.5#

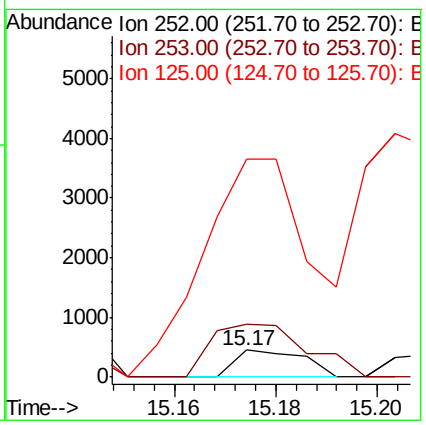


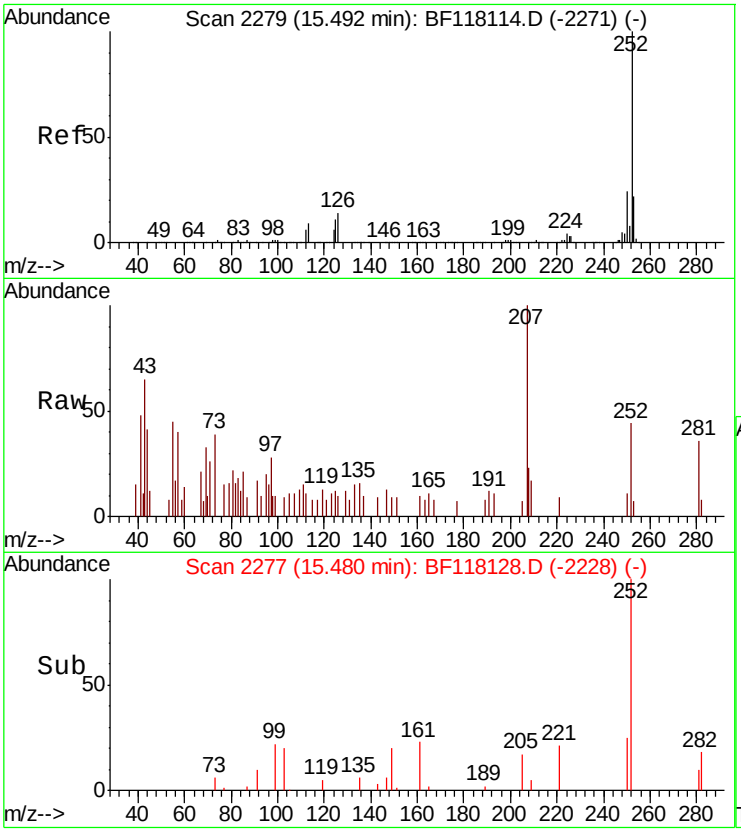


#89
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.02 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:252 Resp: 416

Ion	Ratio	Lower	Upper
252	100		
253	196.5	17.6	26.4#
125	805.5	6.7	10.1#



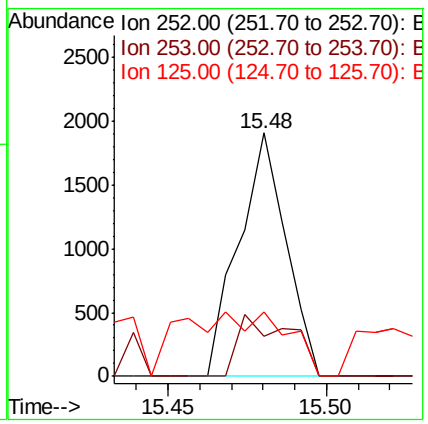


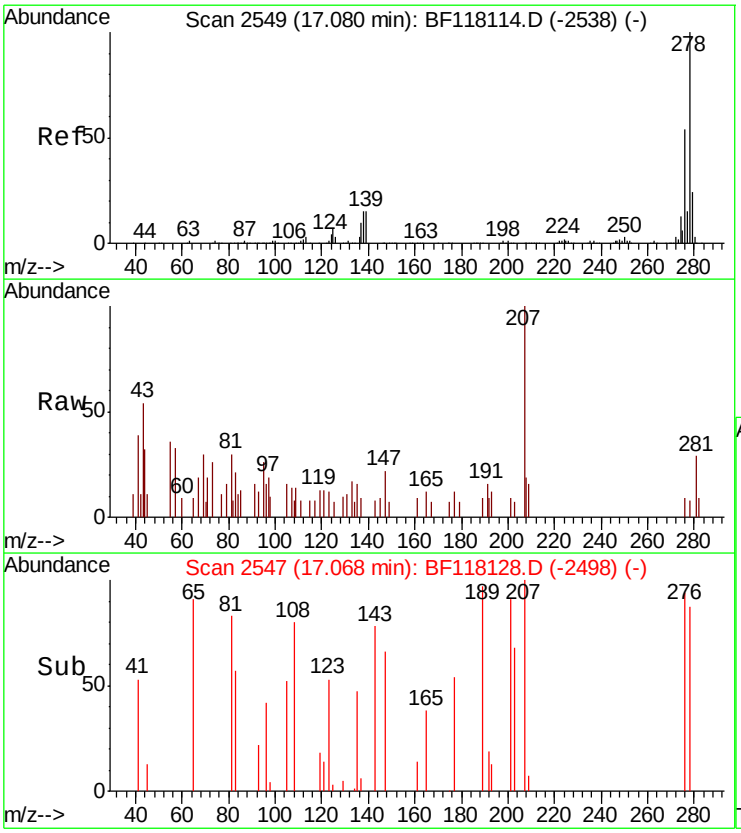
#90
Benzo(a)pyrene
Concen: 0.109 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1974

Ion	Ratio	Lower	Upper
252	100		
253	16.6	17.5	26.3#
125	26.2	9.1	13.7#

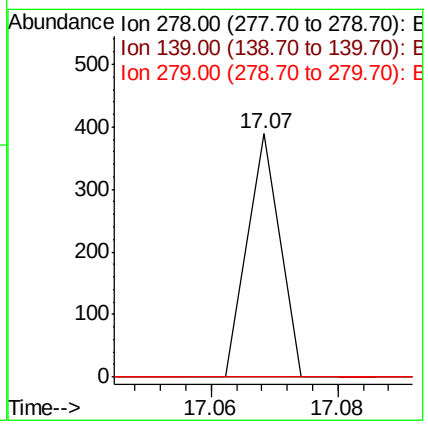


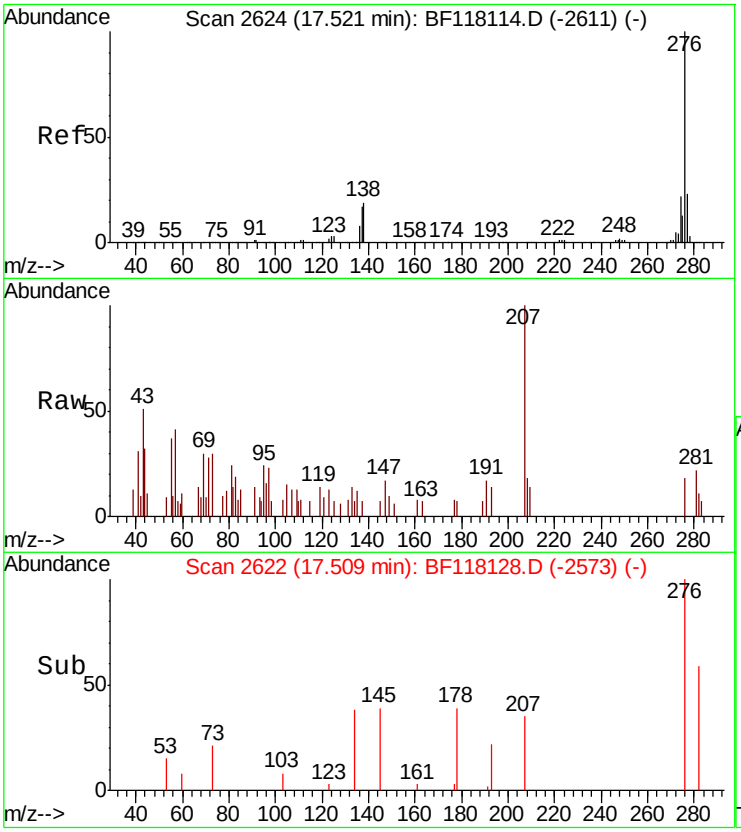


#91
Dibenzo(a,h)anthracene
Concen: 0.009 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Tgt Ion:278 Resp: 137

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	0.0	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 0.128 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF118128.D
Acq: 7 Dec 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1909

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.4#
138	0.0	15.5	23.3#