Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118571.D
Acq On : 17 Jan 2020 21:22
Operator : JU
Sample : L1012-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-011620

Quant Time: Jan 18 01:07:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	322841	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1176270	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	658750	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	1234906	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1111723	20.00	ng		0.00
87) Perylene-d12	15.52	264	1169929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2543659	145.58	ng		0.01
7) Phenol-d6	6.52	99	3062141	133.75	ng		0.00
23) Nitrobenzene-d5	7.45	82	2060967	108.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	1180122	162.05	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3796107	104.03	ng		0.00
79) Terphenyl-d14	13.00	244	5042637	89.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	213	0.025	ng	#	23
3) Pyridine	3.57	79	14455	0.623	ng	#	73
4) n-Nitrosodimethylamine	3.37	42	826	0.078	ng	#	1
6) Aniline	6.55	93	1072	0.036	ng	#	25
8) 2-Chlorophenol	6.67	128	1079	0.054	ng	#	14
9) Benzaldehyde	6.52	77	5574	0.476	ng	#	3
10) Phenol	6.52	94	1112	0.044	ng	#	1
11) bis(2-Chloroethyl)ether	6.66	93	4010	0.199	ng	#	1
12) 1,3-Dichlorobenzene	7.05	146	264	0.011	ng	#	1
13) 1,4-Dichlorobenzene	7.05	146	264	0.011	ng	#	1
14) 1,2-Dichlorobenzene	7.05	146	264	0.012	ng	#	1
15) Benzyl Alcohol	7.05	79	38505	2.049	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	7.21	45	868	0.029	ng		65
17) 2-Methylphenol	7.05	107	324	0.019	ng	#	1
18) Hexachloroethane	7.46	117	339	0.039	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	298246	18.166	ng	#	78
20) 3+4-Methylphenols	7.05	107	324	0.016	ng	#	1
22) Acetophenone	7.29	105	2584	0.091	ng	#	91
24) Nitrobenzene	7.45	77	7520	0.371	ng	#	32
25) Isophorone	7.45	82	2053080	49.670	ng	#	63
27) 2,4-Dimethylphenol	7.83	122	3655	0.222	ng	#	4
28) bis(2-Chloroethoxy)methane	7.77	93	229	0.009	ng	#	48
31) Naphthalene	8.19	128	6861	0.124	ng		95
32) Benzoic acid	7.83	122	3655	8.125	ng	#	84
33) 4-Chloroaniline	8.23	127	860	0.033	ng	#	77
35) Caprolactam	8.82	113	637	0.113	ng	#	35
37) 2-Methylnaphthalene	8.98	142	2640	0.067	ng		94
38) 1-Methylnaphthalene	8.98	142	2640	0.071	ng	#	90
46) 1,1'-Biphenyl	9.35	154	10709	0.228	ng		88
47) 2-Chloronaphthalene	9.37	162	111	0.003	ng	#	38
48) 2-Nitroaniline	9.25	65	7092	0.687	ng	#	1
49) Acenaphthylene	9.78	152	719	0.013	ng	#	42
51) 2,6-Dinitrotoluene	9.92	165	85845	9.948	ng	#	27
52) Acenaphthene	9.96	154	2009	0.055	ng		96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118571.D
Acq On : 17 Jan 2020 21:22
Operator : JU
Sample : L1012-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-011620

Quant Time: Jan 18 01:07:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 3-Nitroaniline	10.02	138	489	0.050	ng	#	1
55) Dibenzofuran	10.13	168	2226	0.043	ng	#	88
56) 4-Nitrophenol	10.12	139	701	0.097	ng	#	4
57) 2,4-Dinitrotoluene	9.92	165	85845	11.794	ng	#	22
58) Fluorene	10.47	166	2356	0.059	ng		86
60) Diethylphthalate	10.34	149	1478	0.033	ng	#	88
63) Azobenzene	10.62	77	1723	0.040	ng	#	45
65) 4,6-Dinitro-2-methylphenol	10.71	198	2548	10.130	ng	#	1
66) n-Nitrosodiphenylamine	10.71	169	32020	0.807	ng	#	45
67) 4-Bromophenyl-phenylether	10.71	248	75210	4.550	ng	#	1
68) Hexachlorobenzene	11.02	284	113	0.006	ng	#	43
71) Phenanthrene	11.43	178	6211	0.100	ng		94
72) Anthracene	11.43	178	6211	0.100	ng		94
73) Carbazole	11.63	167	2151	0.039	ng	#	93
74) Di-n-butylphthalate	11.97	149	3561	0.051	ng	#	92
75) Fluoranthene	12.62	202	2989	0.045	ng		97
77) Benzidine	13.00	184	72542	2.686	ng	#	93
78) Pyrene	12.84	202	3063	0.037	ng		96
80) Butylbenzylphthalate	13.47	149	1080	0.030	ng	#	39
81) Benzo(a)anthracene	14.07	228	2651	0.038	ng		94
82) 3,3'-Dichlorobenzidine	14.00	252	224	0.009	ng	#	25
83) Chrysene	14.07	228	2651	0.039	ng	#	88
84) Bis(2-ethylhexyl)phthalate	14.03	149	7870	0.178	ng		91
85) Di-n-octyl phthalate	14.64	149	3838	0.057	ng	#	74
86) Indeno(1,2,3-cd)pyrene	16.97	276	3884	0.058	ng	#	69
88) Benzo(b)fluoranthene	15.08	252	3693	0.048	ng	#	91
89) Benzo(k)fluoranthene	15.11	252	3267	0.047	ng	#	89
90) Benzo(a)pyrene	15.44	252	2643	0.040	ng	#	55
91) Dibenzo(a,h)anthracene	17.00	278	3037	0.049	ng	#	54
92) Benzo(g,h,i)perylene	17.42	276	3382	0.057	ng	#	95

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

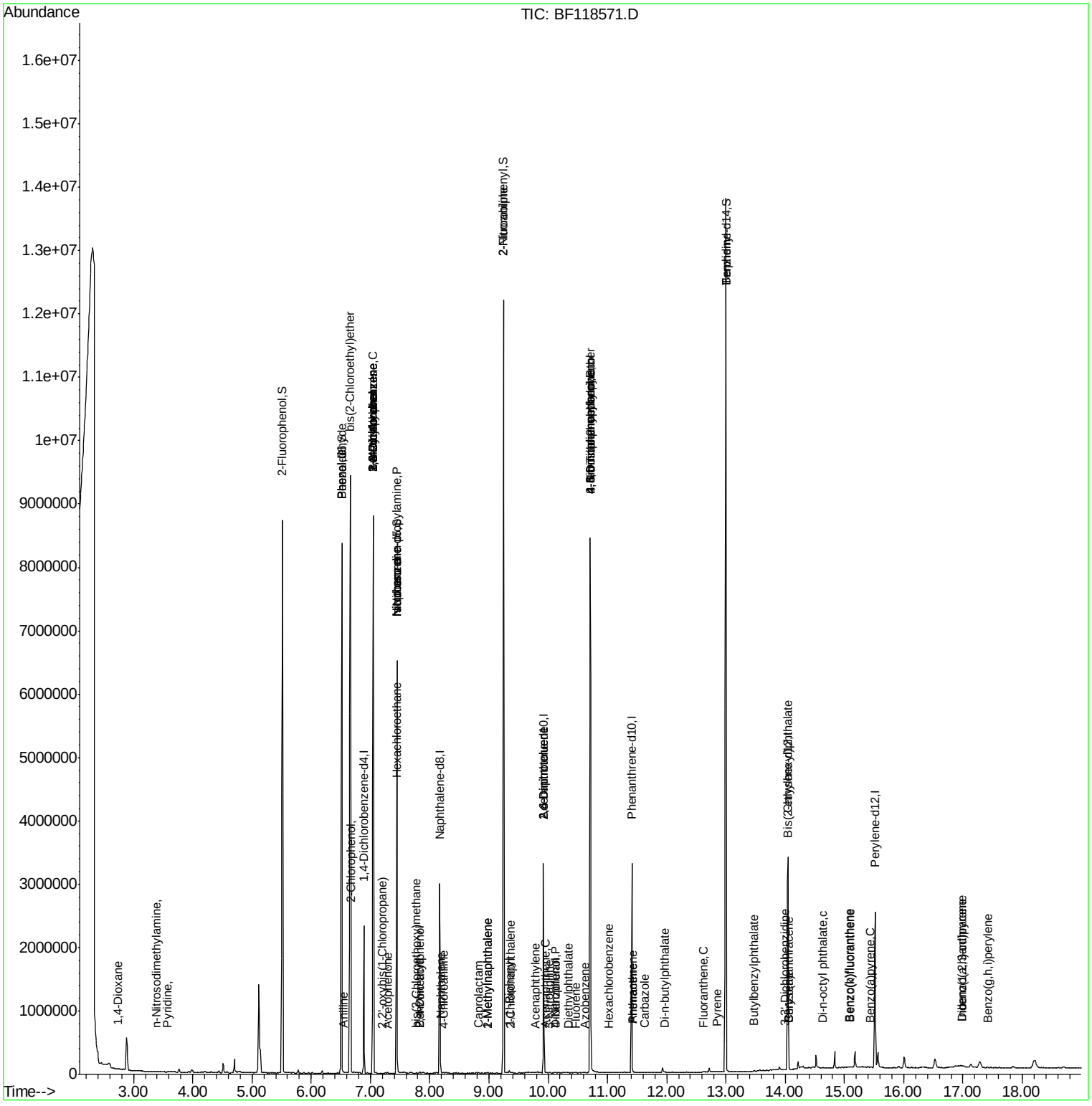
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

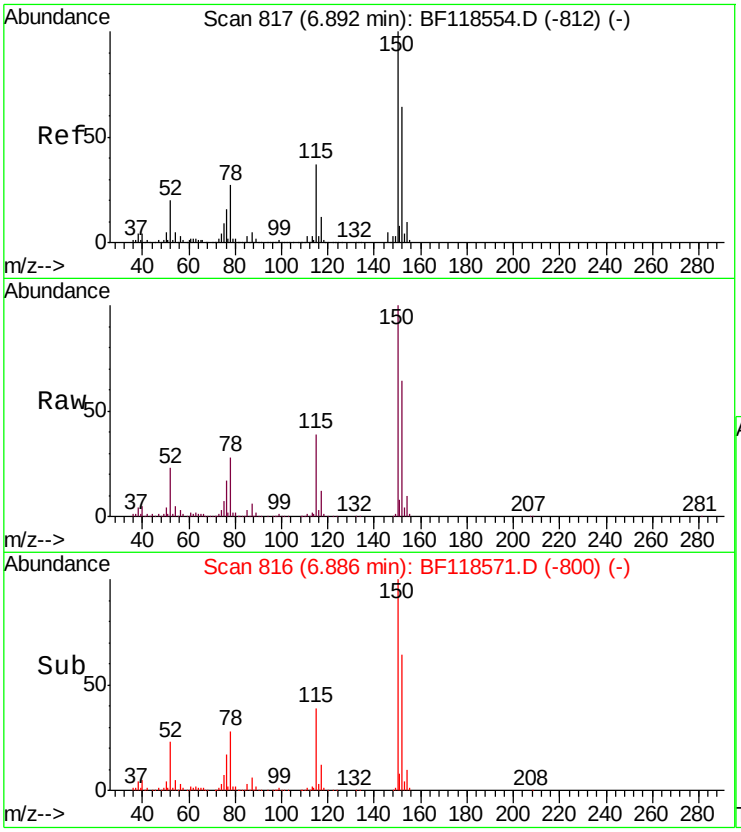
Quantitation Report (Not Reviewed)

Data File : BF118571.D
Acq On : 17 Jan 2020 21:22
Operator : JU
Sample : L1012-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Quant Time: Jan 18 01:07:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration



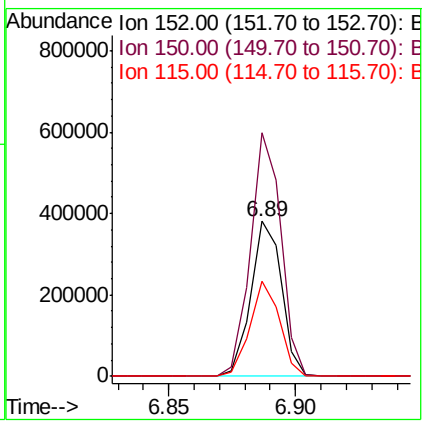


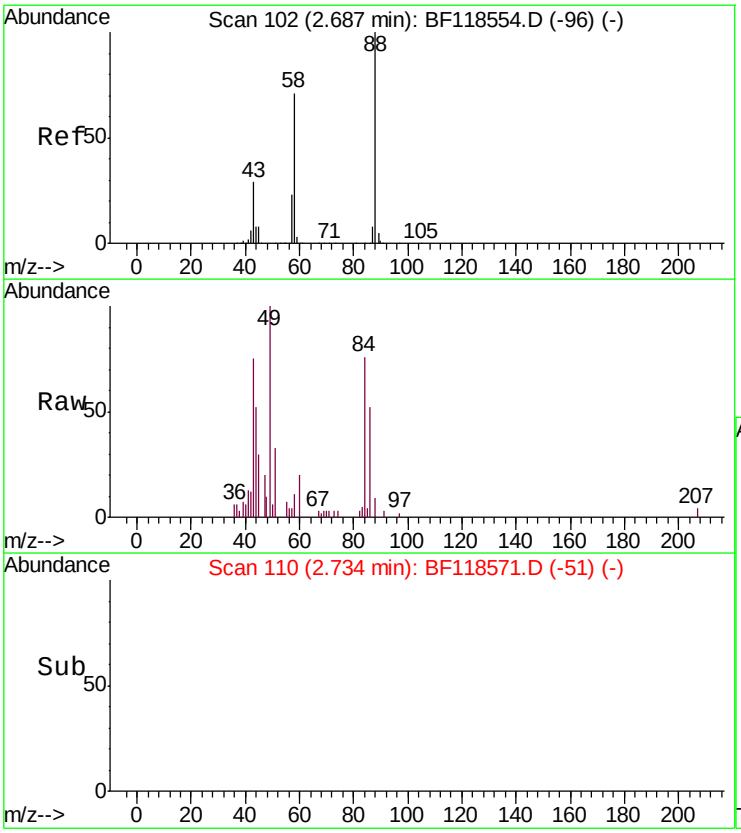
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:152 Resp: 322841

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	60.9	45.8	68.6

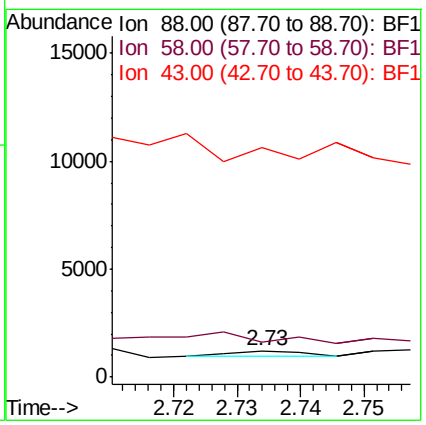


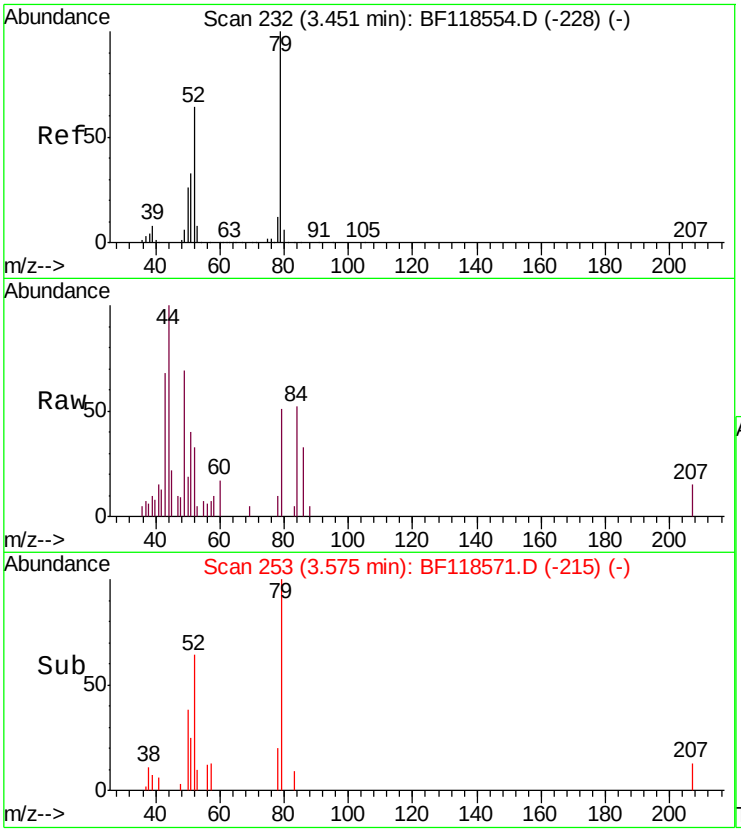


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.05 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion: 88 Resp: 213

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.7	85.1#
43	0.0	23.3	34.9#



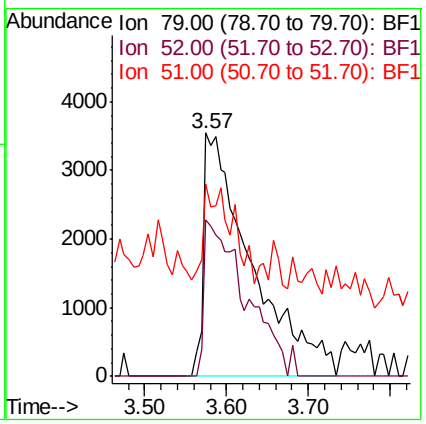


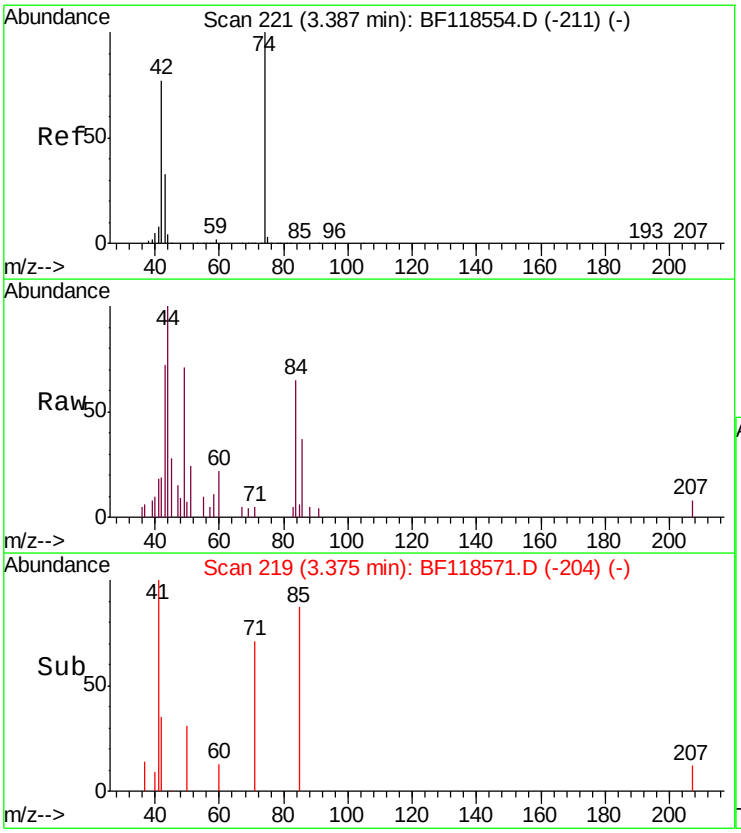
#3
Pyridine
Concen: 0.623 ng
RT: 3.57 min Scan# 253
Delta R.T. 0.12 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 79 Resp: 14455

Ion	Ratio	Lower	Upper
79	100		
52	64.1	51.3	76.9
51	78.8	26.7	40.1#

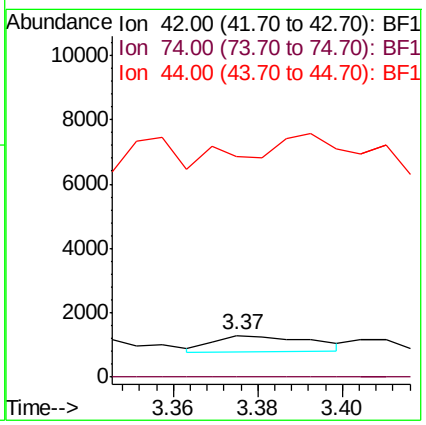


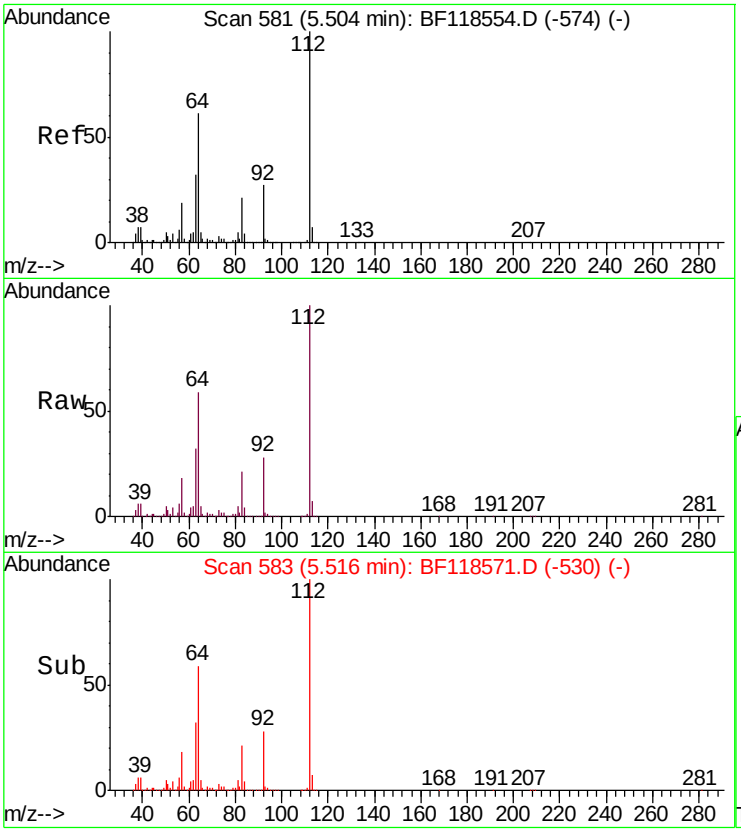


#4
n-Nitrosodimethylamine
Concen: 0.078 ng
RT: 3.37 min Scan# 219
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion: 42 Resp: 826

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.1	154.7#
44	534.4	5.4	8.2#



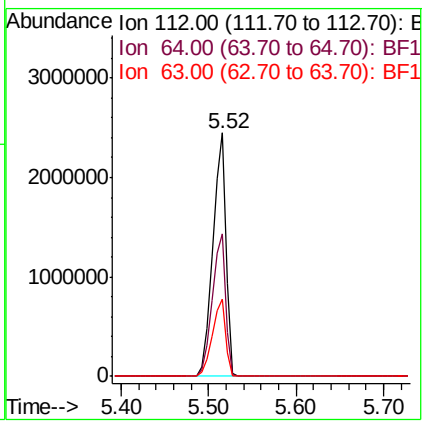


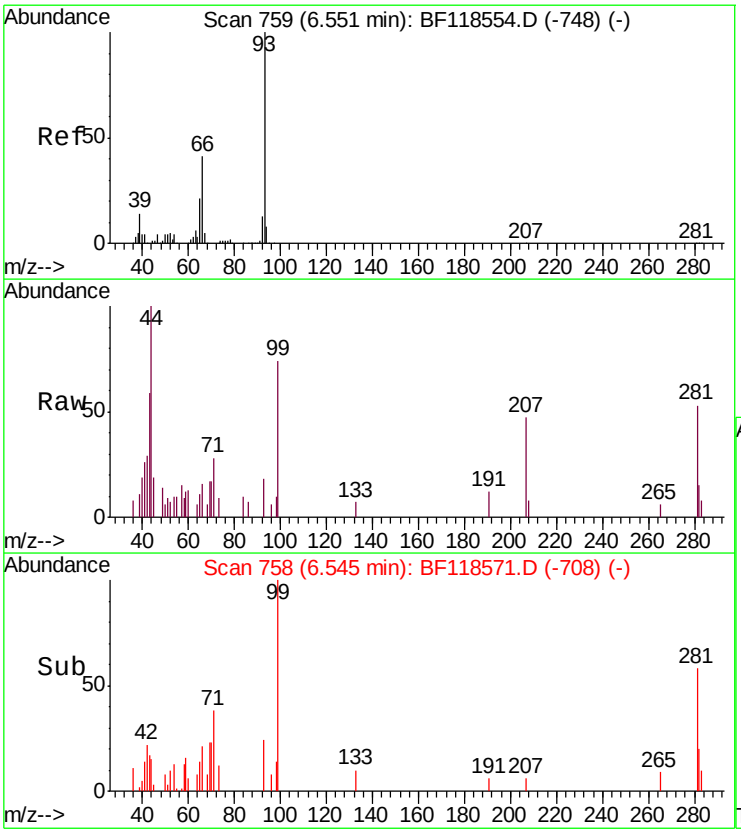
#5
2-Fluorophenol
Concen: 145.582 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:112 Resp: 2543659

Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.1	73.7
63	31.8	25.8	38.8

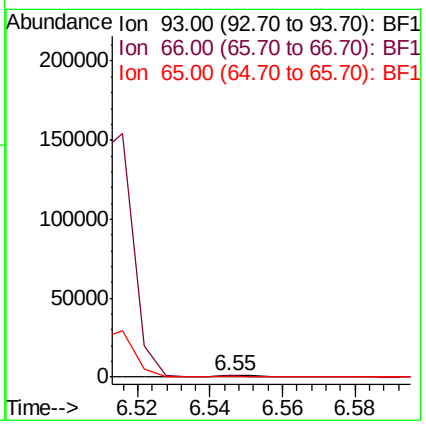


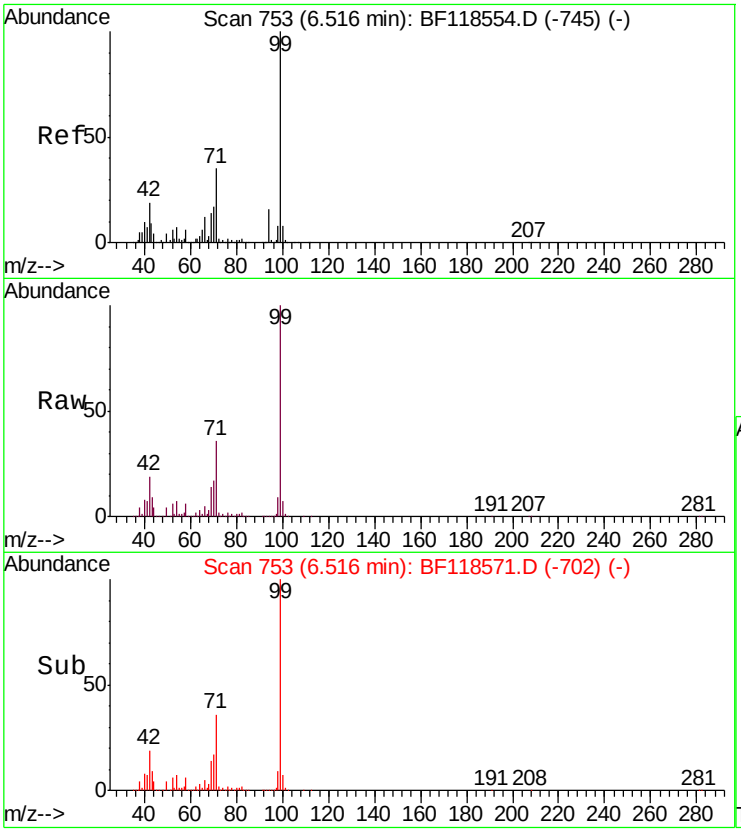


#6
Aniline
Concen: 0.036 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion: 93 Resp: 1072

Ion	Ratio	Lower	Upper
93	100		
66	85.7	32.9	49.3#
65	58.9	16.5	24.7#



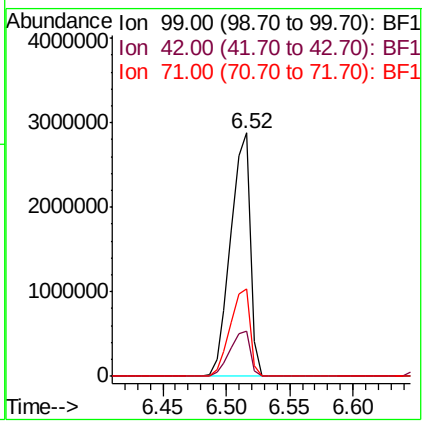


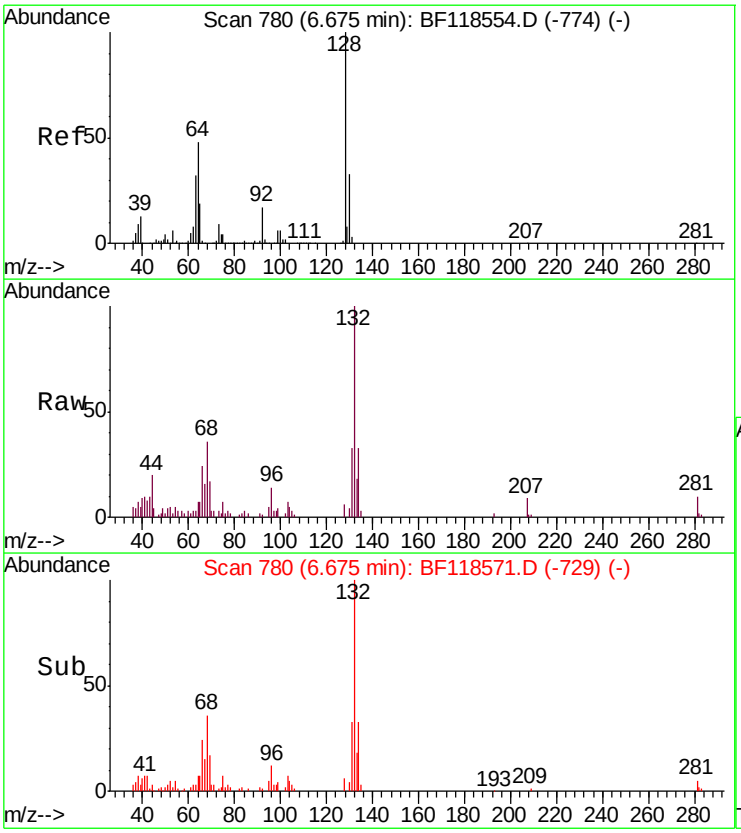
#7
Phenol-d6
Concen: 133.752 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 99 Resp: 3062141

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	36.1	28.3	42.5

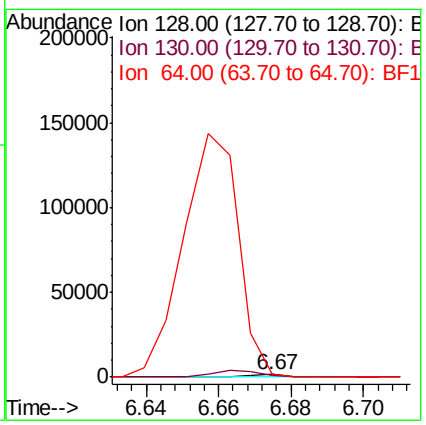


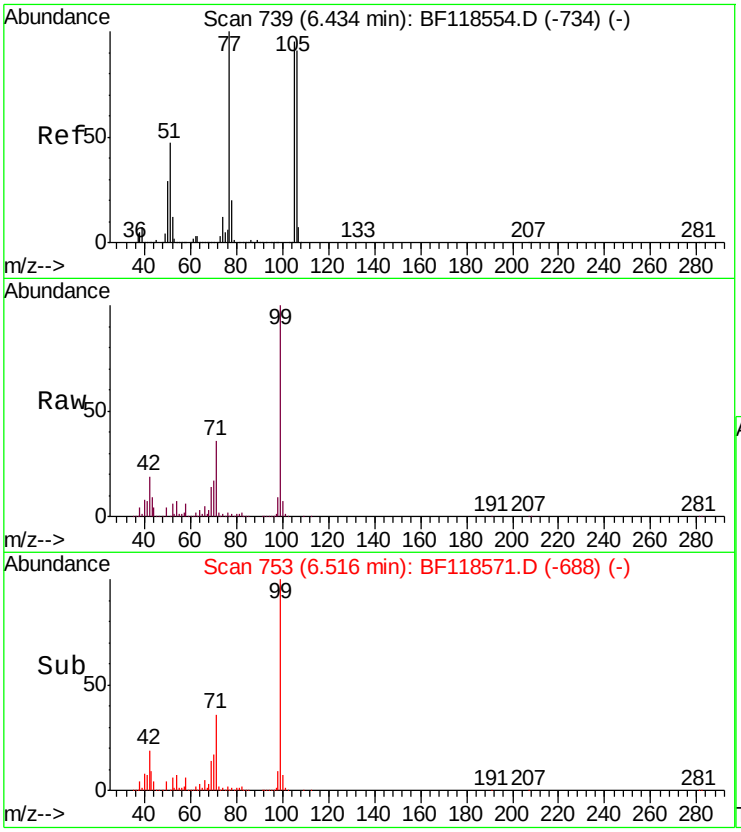


#8
2-Chlorophenol
Concen: 0.054 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:128 Resp: 1079

Ion	Ratio	Lower	Upper
128	100		
130	71.5	13.2	53.2#
64	116.1	28.9	68.9#



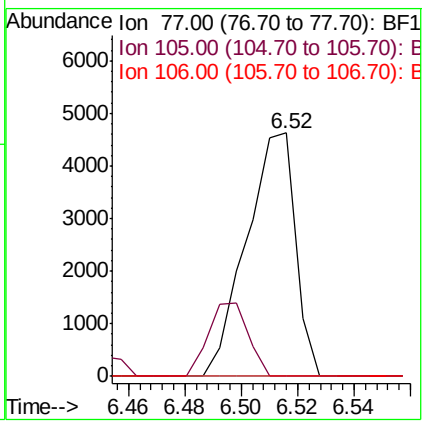


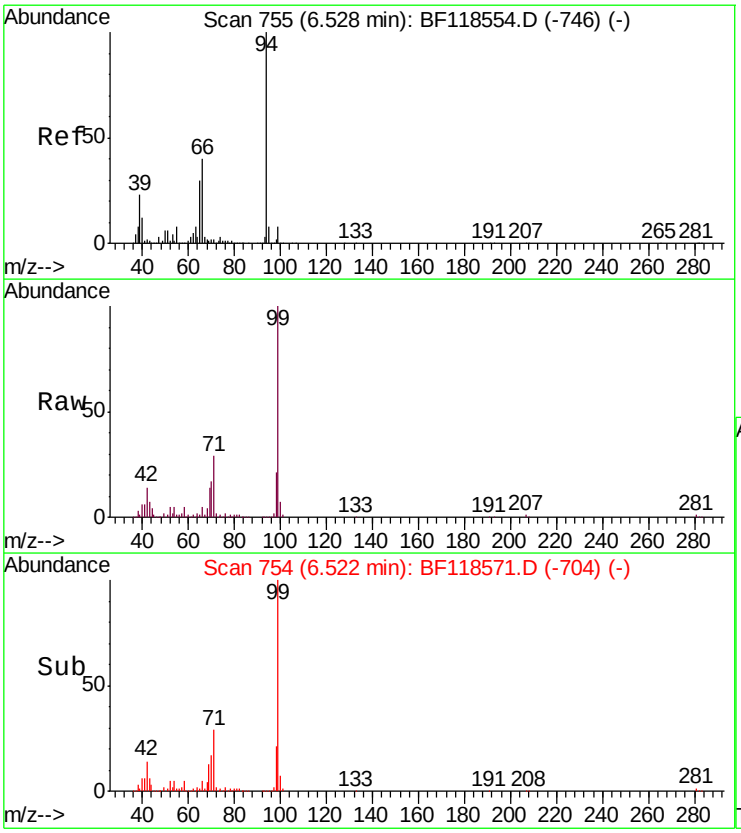
#9
Benzaldehyde
Concen: 0.476 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.08 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 77 Resp: 5574

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.2	115.2#
106	0.0	71.4	111.4#

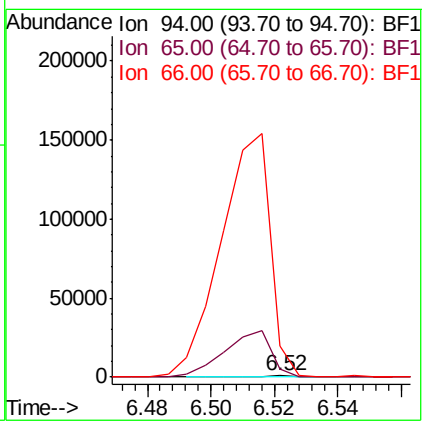


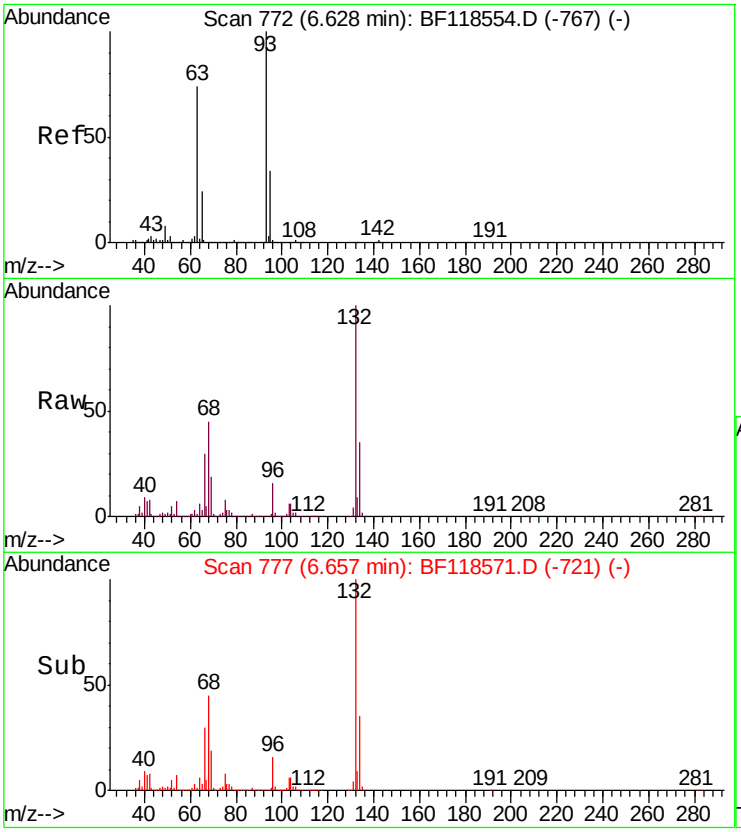


#10
Phenol
Concen: 0.044 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion: 94 Resp: 1112

Ion	Ratio	Lower	Upper
94	100		
65	562.8	9.8	49.8#
66	2057.7	19.5	59.5#



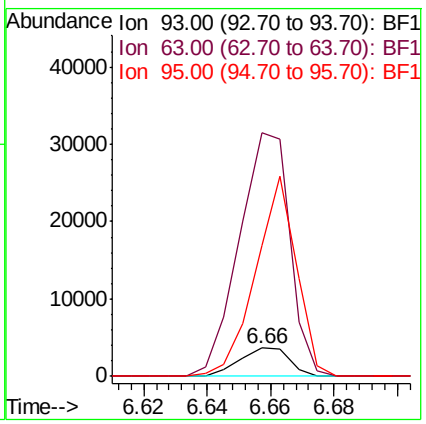


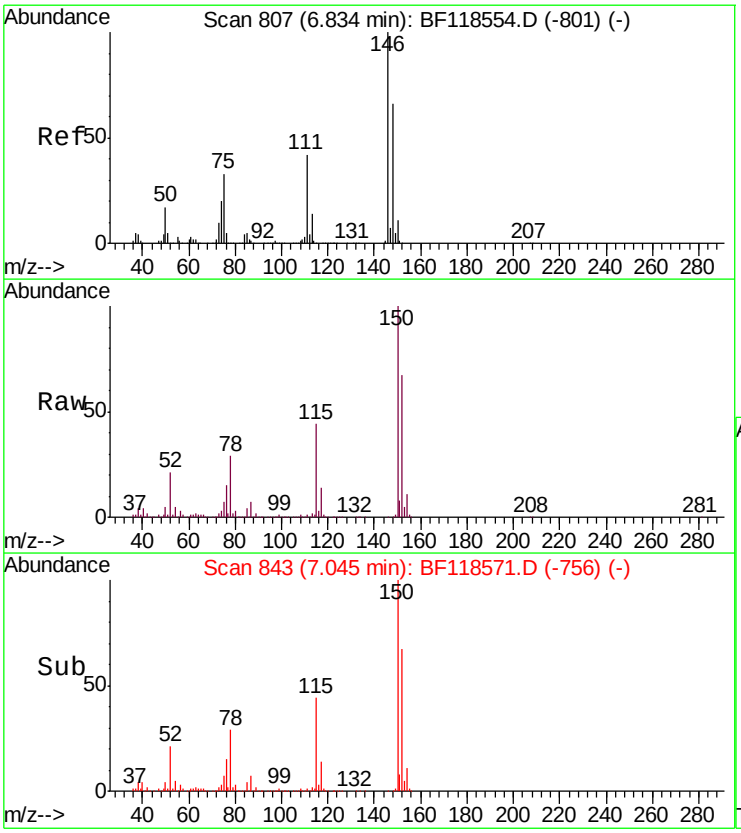
#11
bis(2-Chloroethyl)ether
Concen: 0.199 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.03 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 93 Resp: 4010

Ion	Ratio	Lower	Upper
93	100		
63	868.9	54.0	94.0#
95	465.9	13.5	53.5#

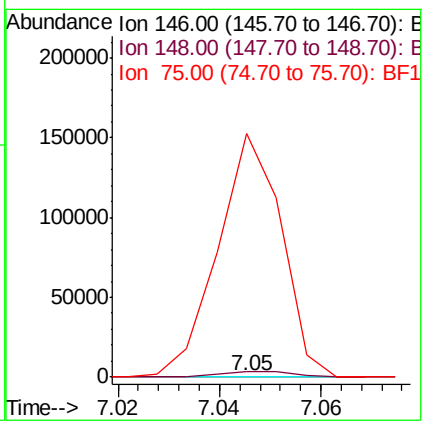


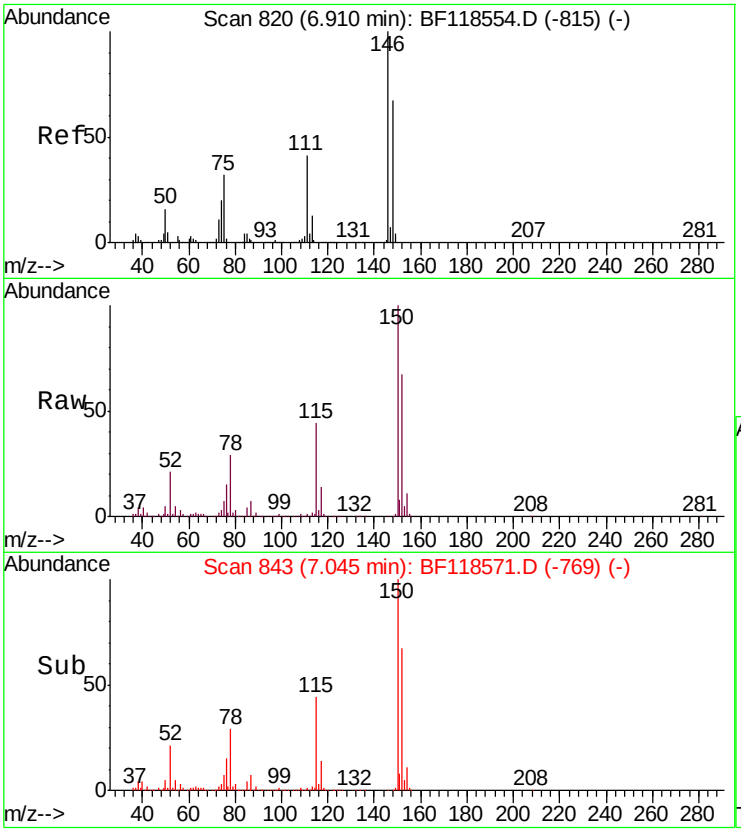


#12
1,3-Dichlorobenzene
Concen: 0.011 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.21 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:146 Resp: 264

Ion	Ratio	Lower	Upper
146	100		
148	969.6	53.0	79.6#
75	40381.0	26.5	39.7#



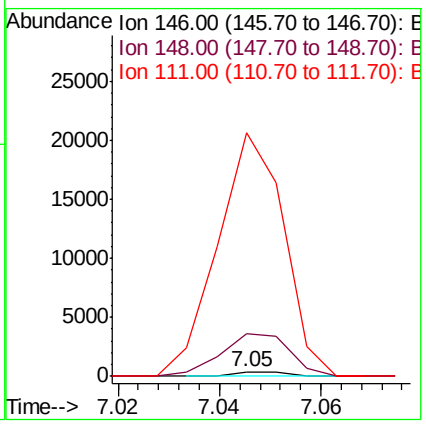


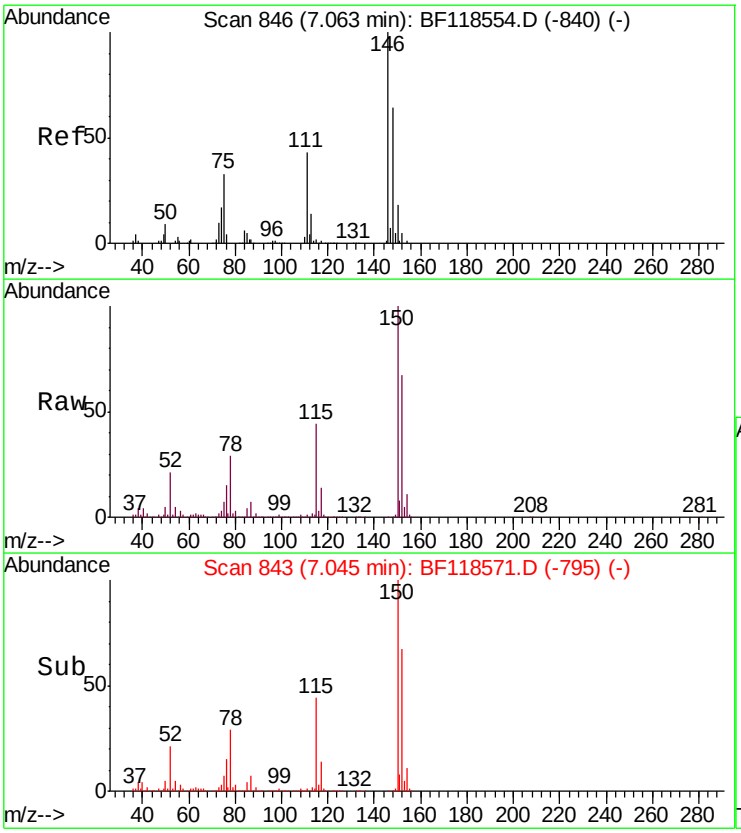
#13
1,4-Dichlorobenzene
Concen: 0.011 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:146 Resp: 264

Ion	Ratio	Lower	Upper
146	100		
148	969.6	53.4	80.2#
111	5458.2	32.6	48.8#

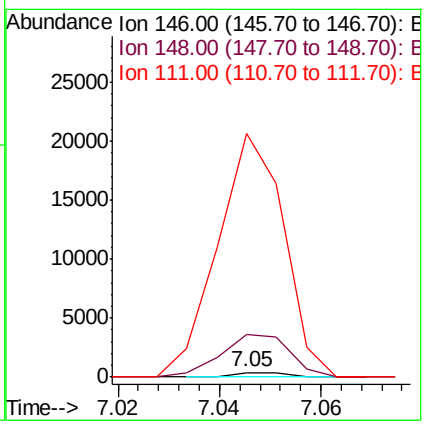


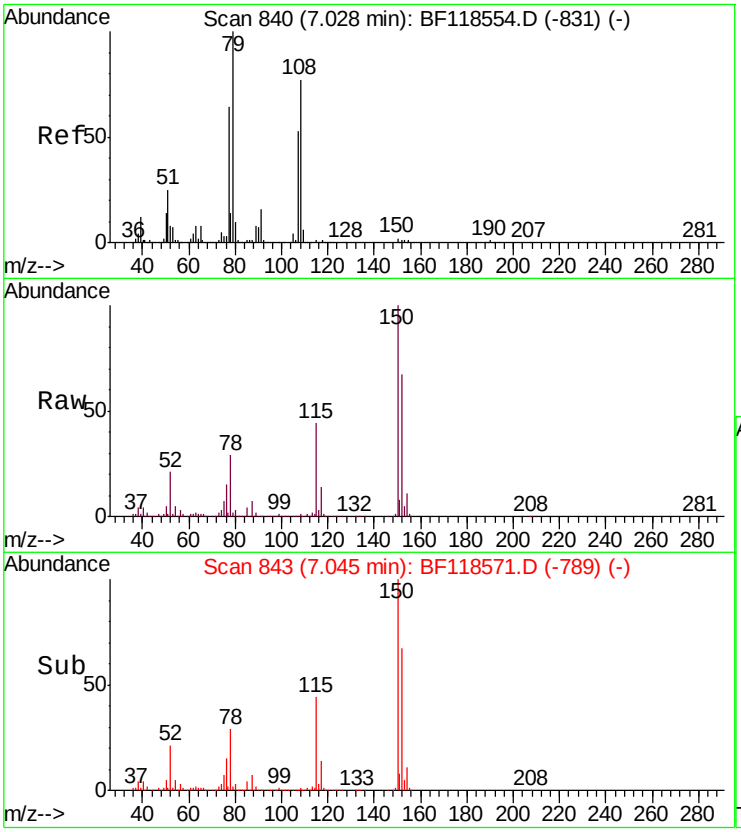


#14
1,2-Dichlorobenzene
Concen: 0.012 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:146 Resp: 264

Ion	Ratio	Lower	Upper
146	100		
148	969.6	51.2	76.8#
111	5458.2	34.6	52.0#



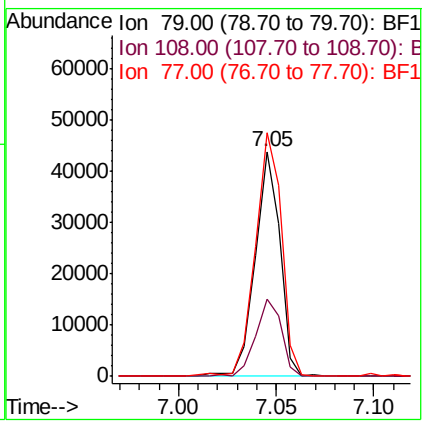


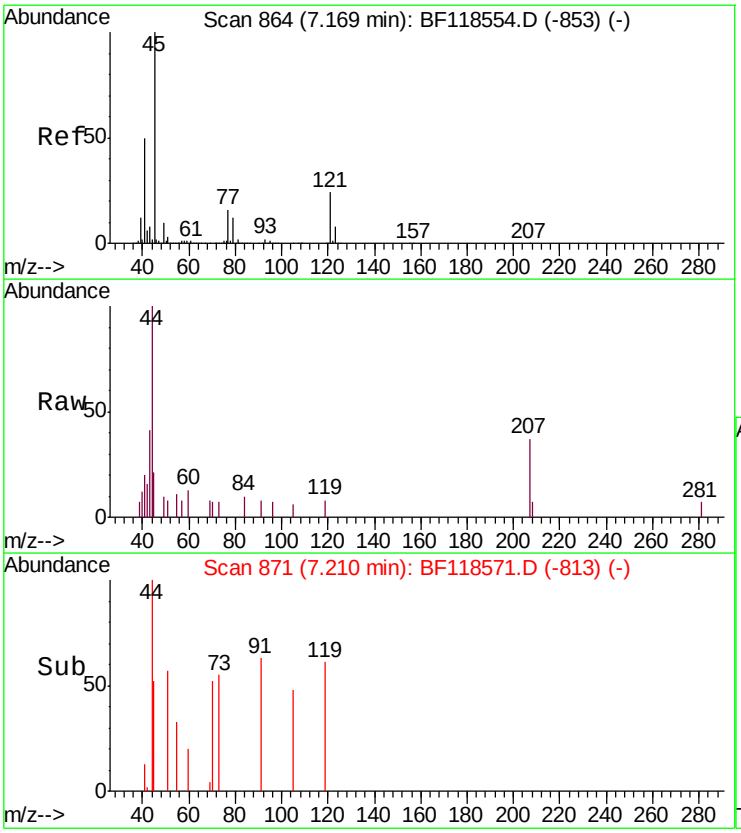
#15
Benzyl Alcohol
Concen: 2.049 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.02 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 79 Resp: 38505

Ion	Ratio	Lower	Upper
79	100		
108	34.2	61.9	92.9#
77	108.2	51.5	77.3#

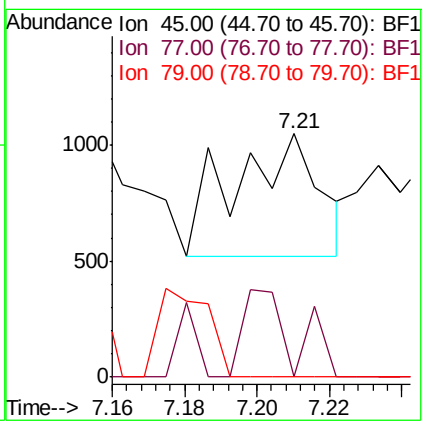


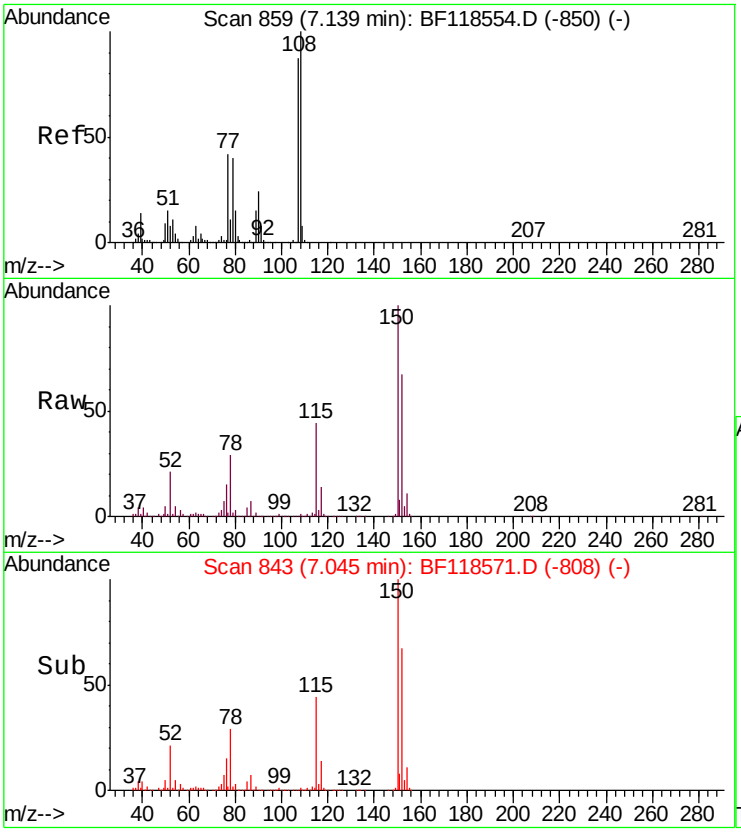


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.029 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.04 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion: 45 Resp: 868

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.8
79	0.0	0.0	32.2



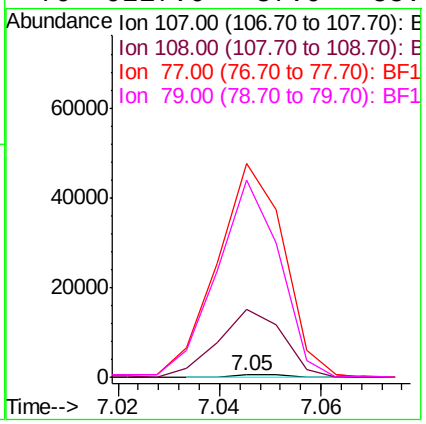


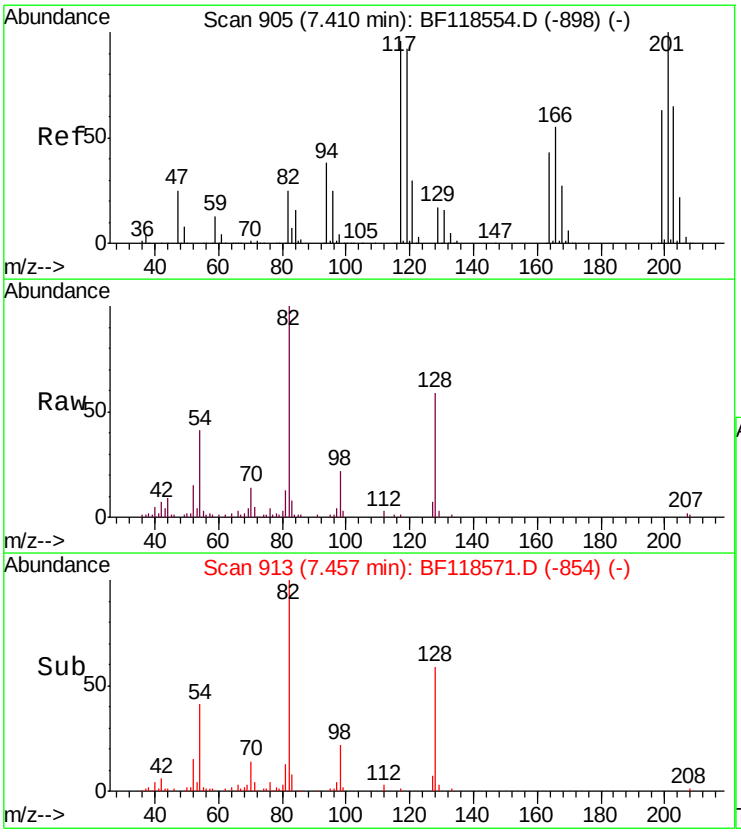
#17
2-Methylphenol
Concen: 0.019 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.09 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:107 Resp: 324

Ion	Ratio	Lower	Upper
107	100		
108	3156.6	92.3	138.5#
77	9975.7	38.6	57.8#
79	9217.6	37.0	55.6#

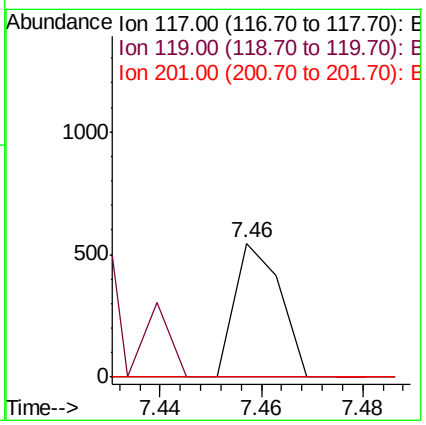


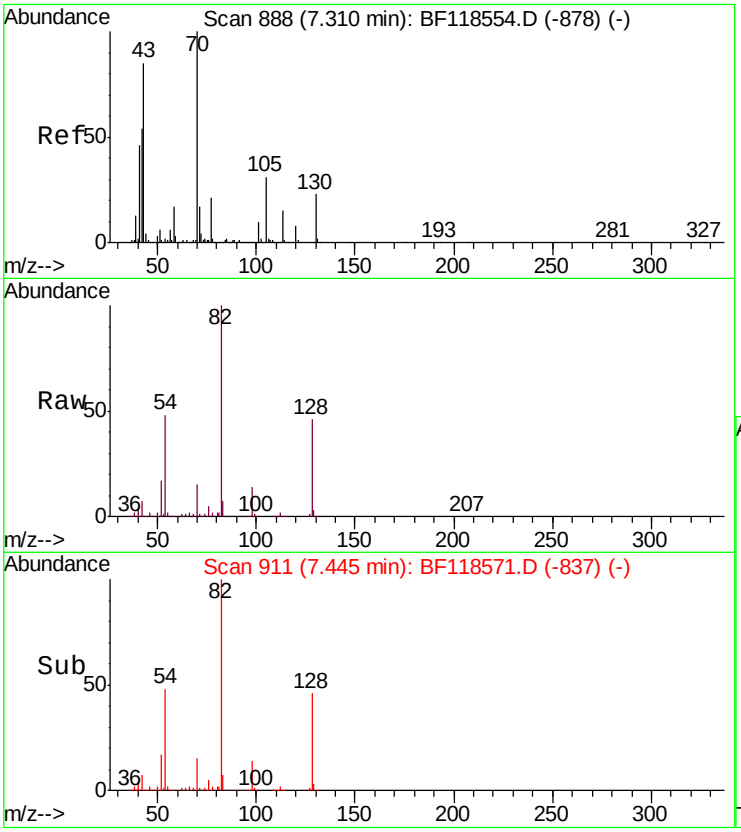


#18
Hexachloroethane
Concen: 0.039 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.05 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:117 Resp: 339

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.9	115.3#
201	0.0	83.6	125.4#



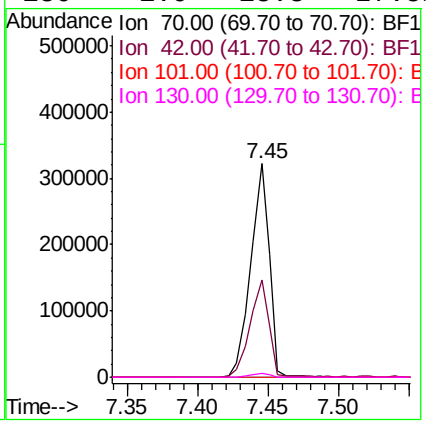


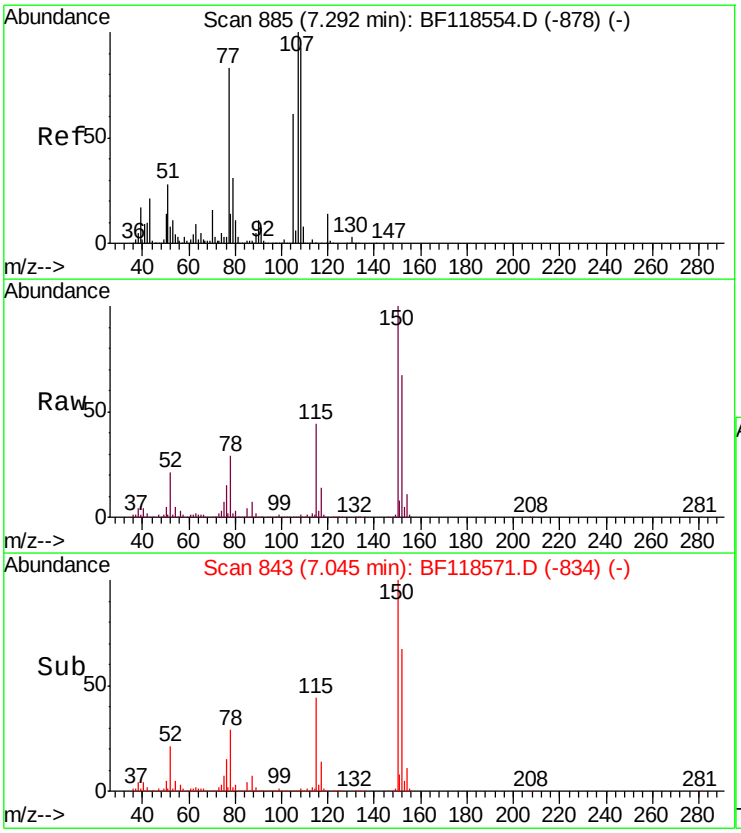
#19
n-Nitroso-di-n-propylamine
Concen: 18.166 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 70 Resp: 298246

Ion	Ratio	Lower	Upper
70	100		
42	45.8	43.6	65.4
101	0.0	7.7	11.5#
130	1.9	18.3	27.5#

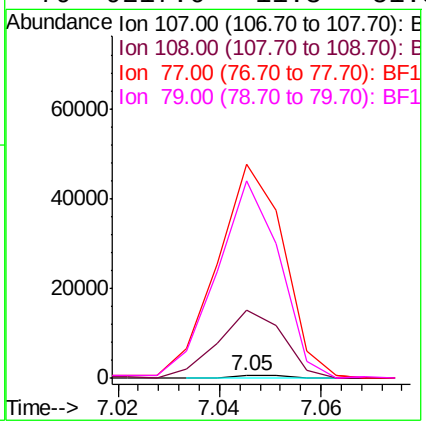


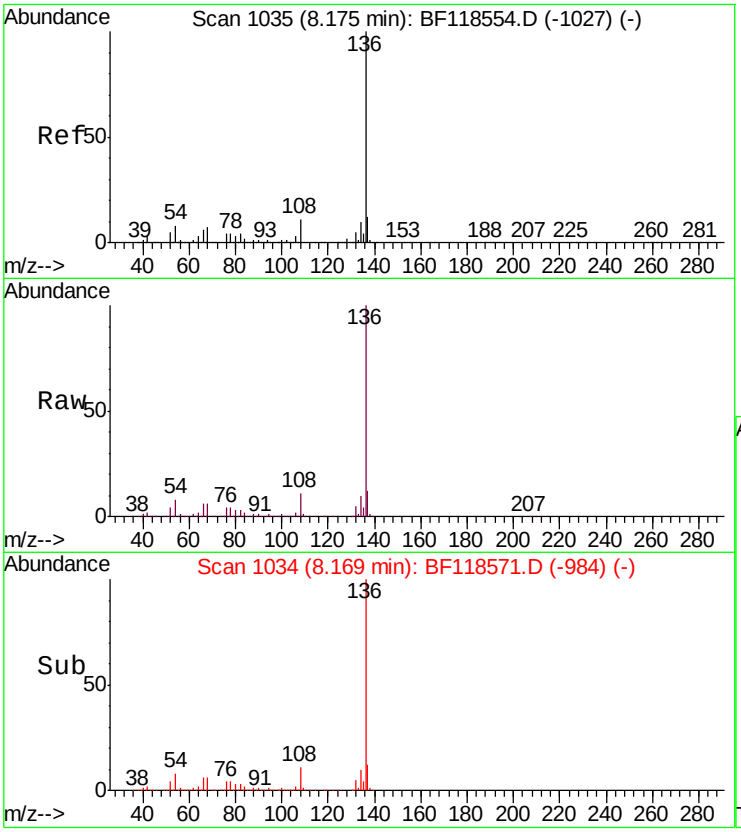


#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.25 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:107 Resp: 324

Ion	Ratio	Lower	Upper
107	100		
108	3156.6	72.6	112.6#
77	9975.7	63.0	103.0#
79	9217.6	11.3	51.3#



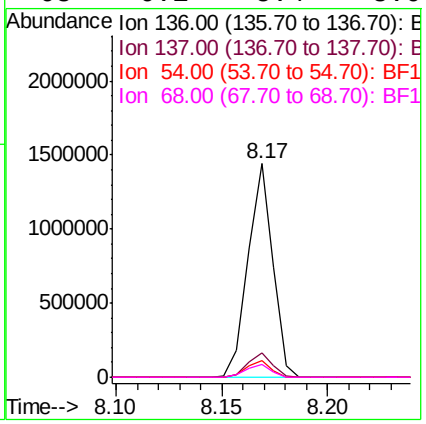


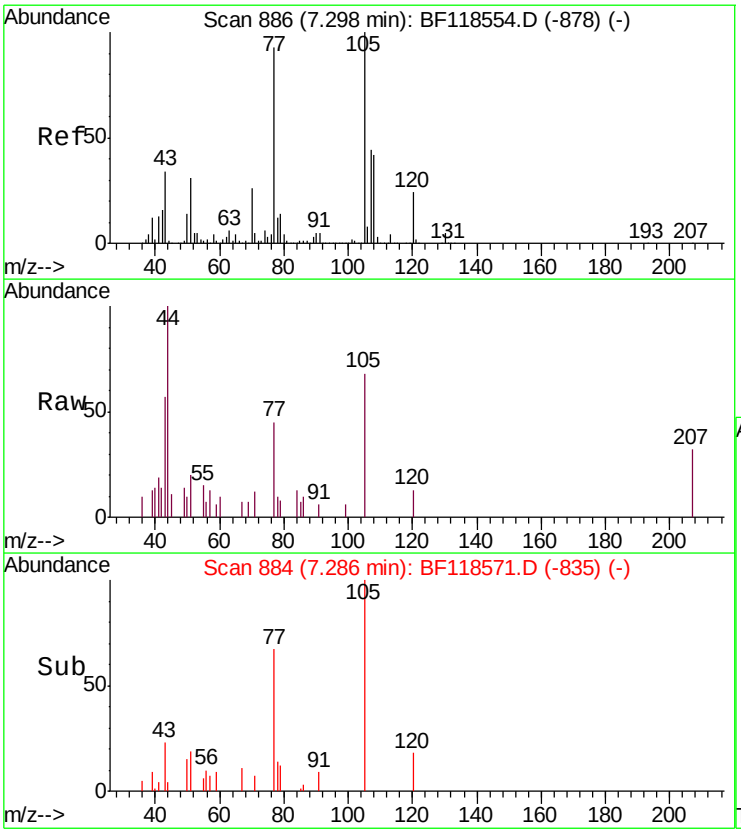
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:136 Resp: 1176270

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	7.7	6.2	9.2
68	6.1	5.4	8.0

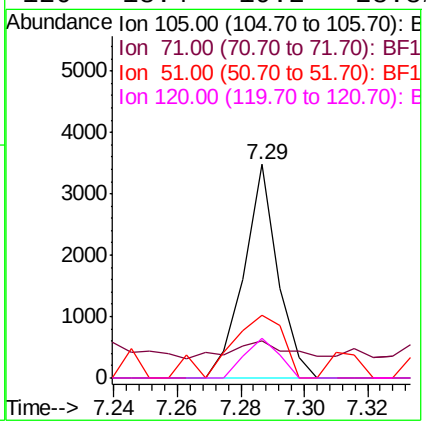


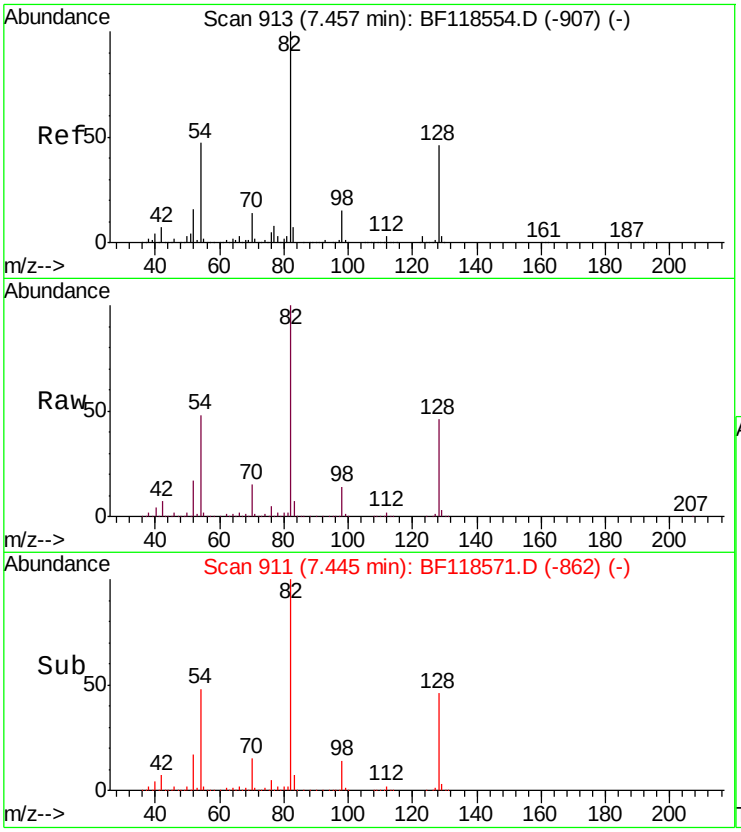


#22
Acetophenone
Concen: 0.091 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:105 Resp: 2584

Ion	Ratio	Lower	Upper
105	100		
71	17.2	3.8	5.6#
51	29.4	24.9	37.3
120	18.4	19.2	28.8#



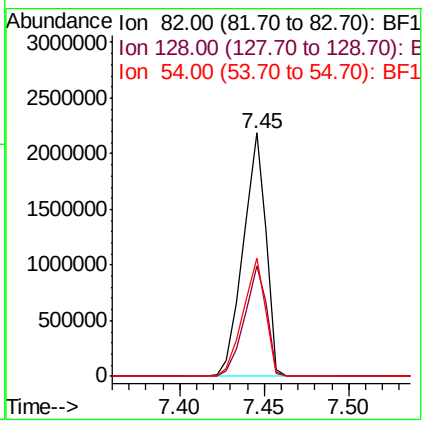


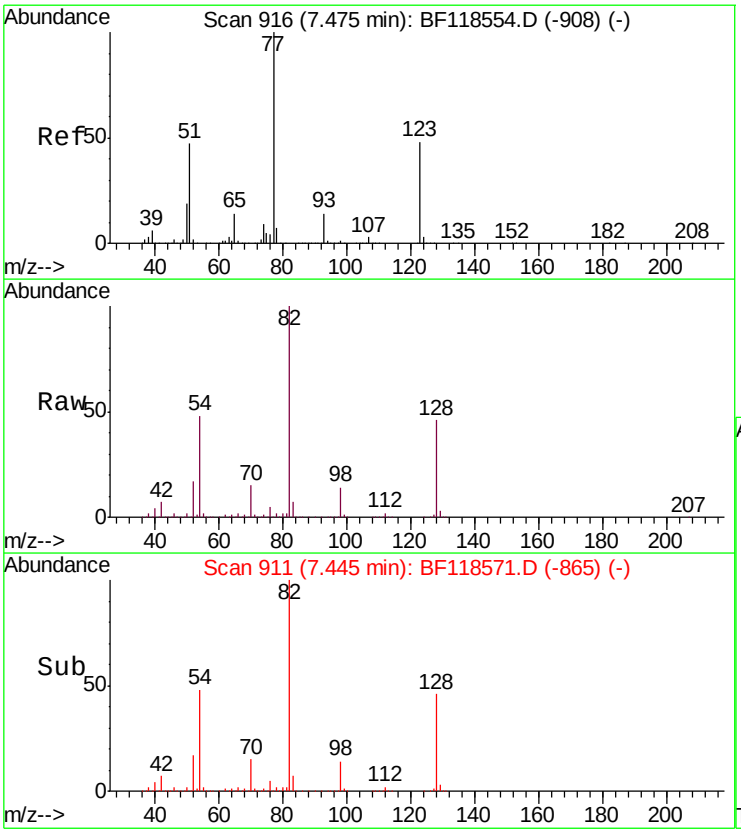
#23
Nitrobenzene-d5
Concen: 108.214 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 82 Resp: 2060967

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.0	55.4
54	48.4	37.4	56.0

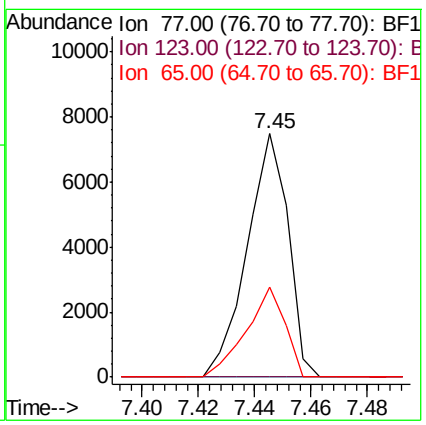


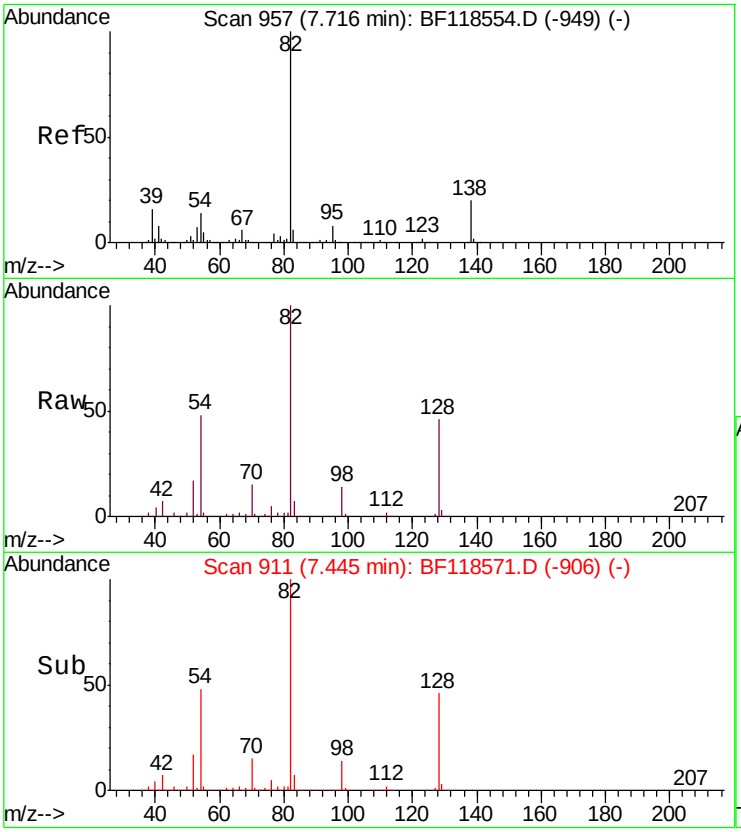


#24
Nitrobenzene
Concen: 0.371 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion: 77 Resp: 7520

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	36.8	11.1	16.7#



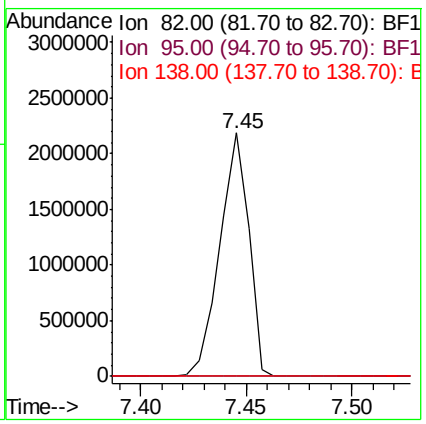


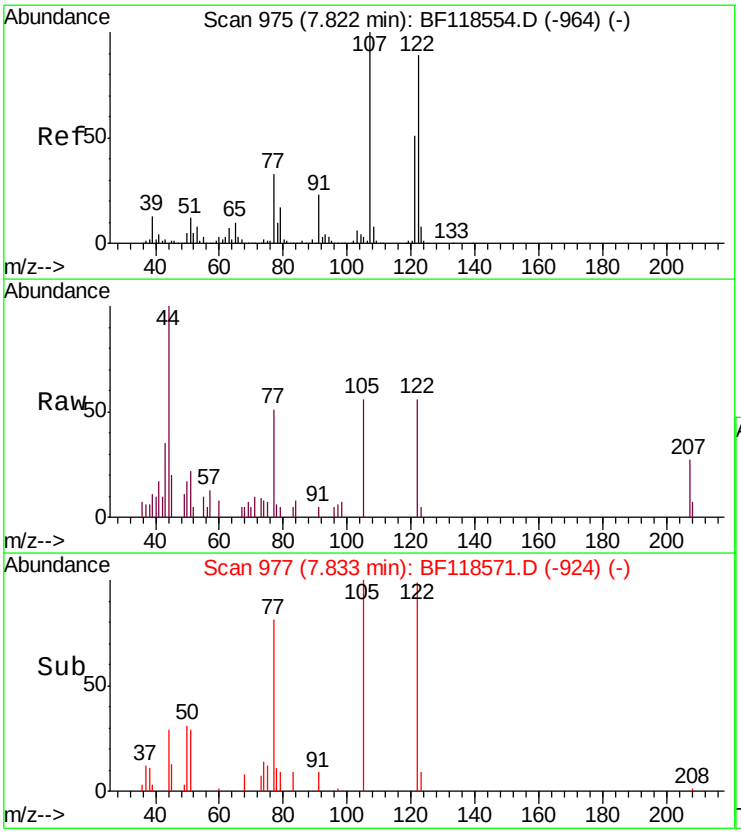
#25
Isophorone
Concen: 49.670 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 82 Resp: 2053080

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.8	23.8#

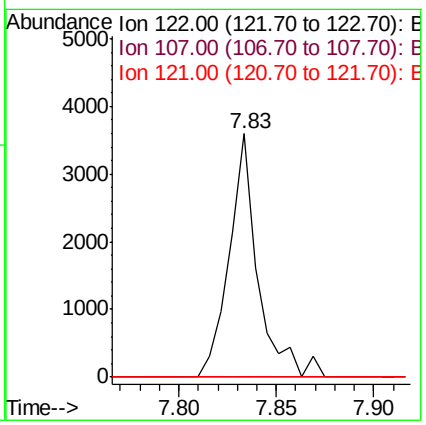


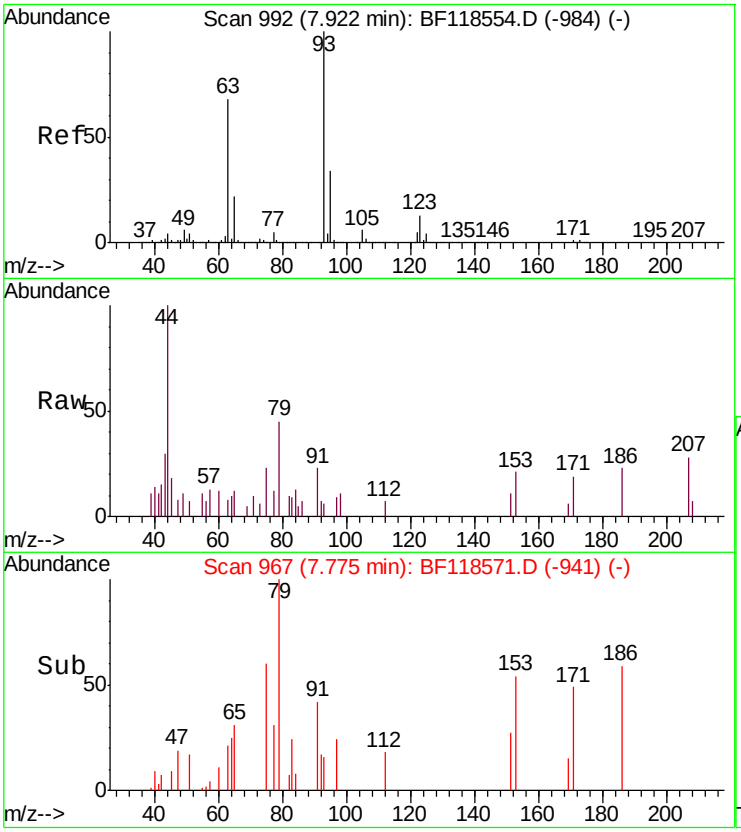


#27
2,4-Dimethylphenol
Concen: 0.222 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:122 Resp: 3655

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.6	134.4#
121	0.0	45.9	68.9#



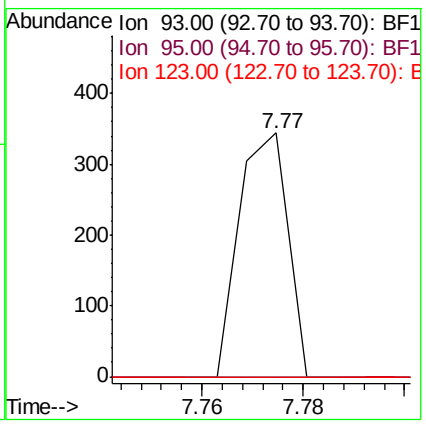


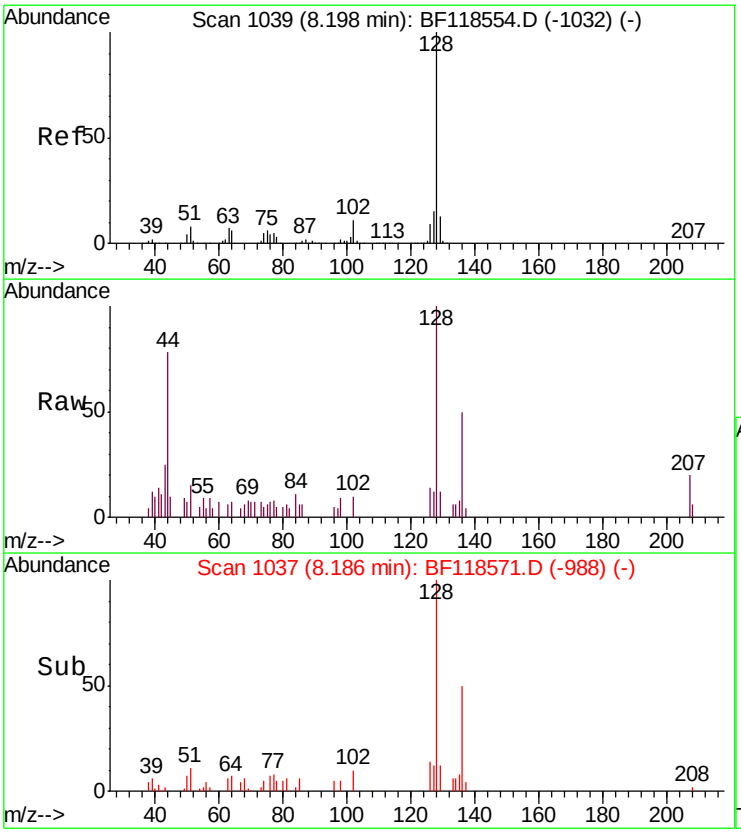
#28
bis(2-Chloroethoxy)methane
Concen: 0.009 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.15 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 93 Resp: 229

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.3	40.9#
123	0.0	10.2	15.4#

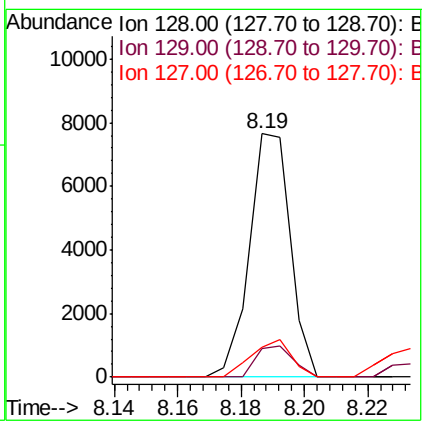


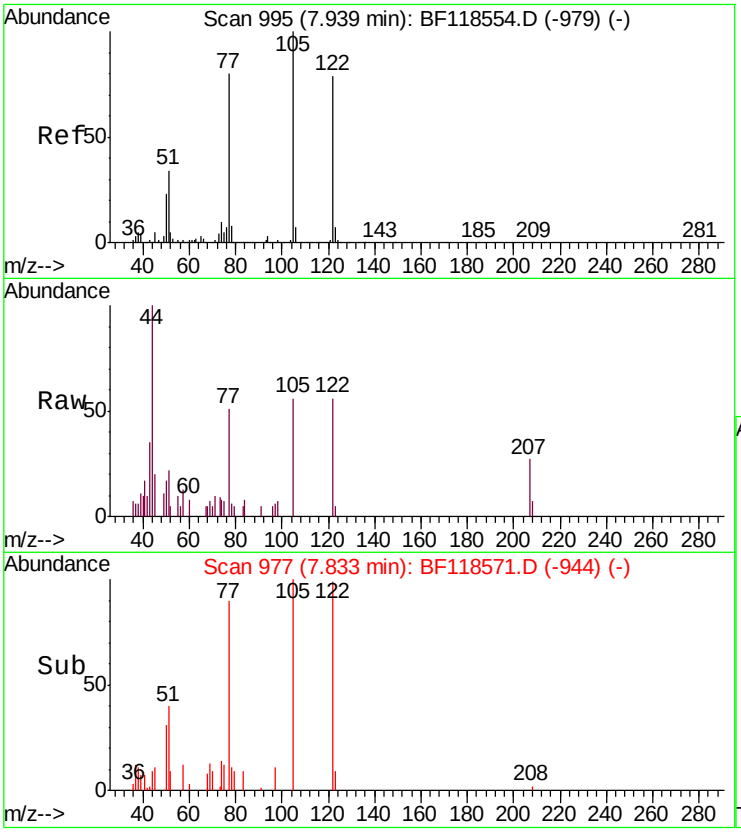


#31
Naphthalene
Concen: 0.124 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:128 Resp: 6861

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.3	15.5
127	12.5	12.1	18.1



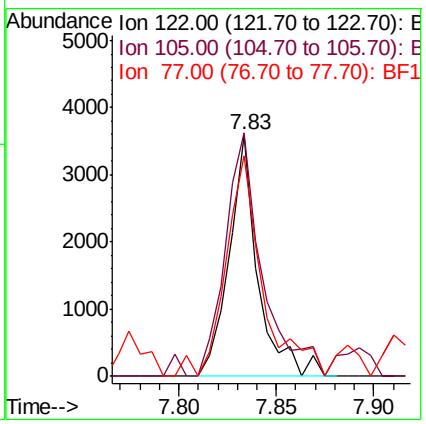


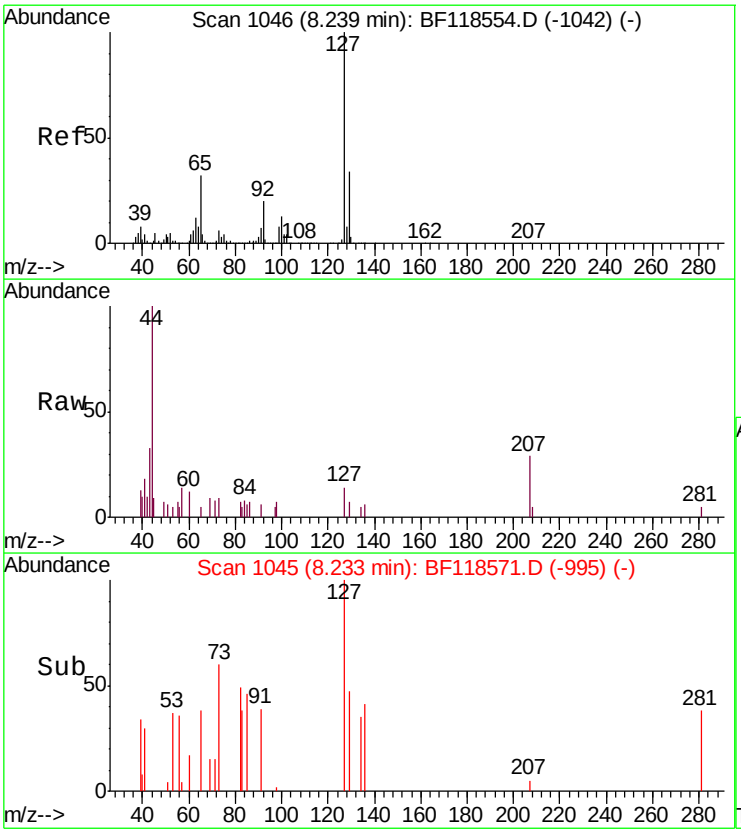
#32
Benzoic acid
Concen: 8.125 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.11 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:122 Resp: 3655

Ion	Ratio	Lower	Upper
122	100		
105	100.8	105.0	145.0#
77	91.1	80.7	120.7

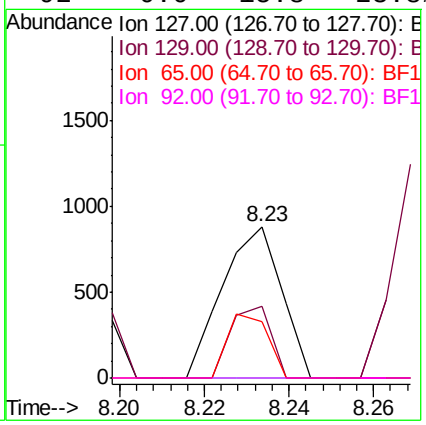


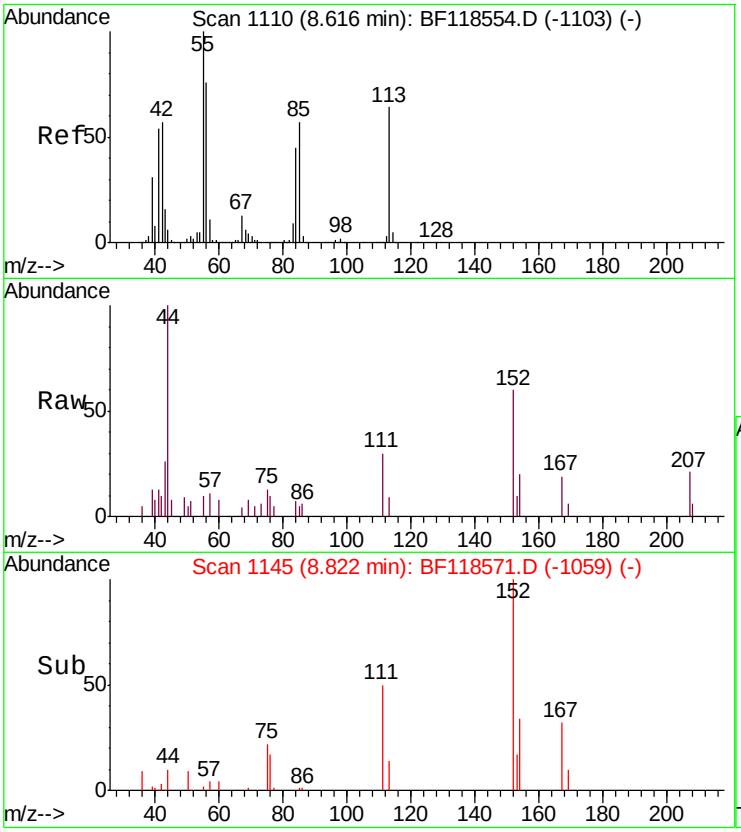


#33
4-Chloroaniline
Concen: 0.033 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:127 Resp: 860

Ion	Ratio	Lower	Upper
127	100		
129	47.1	27.0	40.4#
65	37.7	25.8	38.8
92	0.0	15.8	23.8#



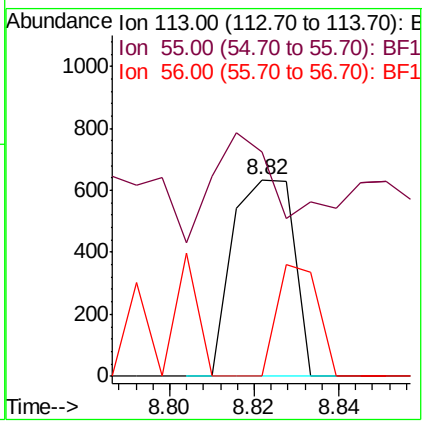


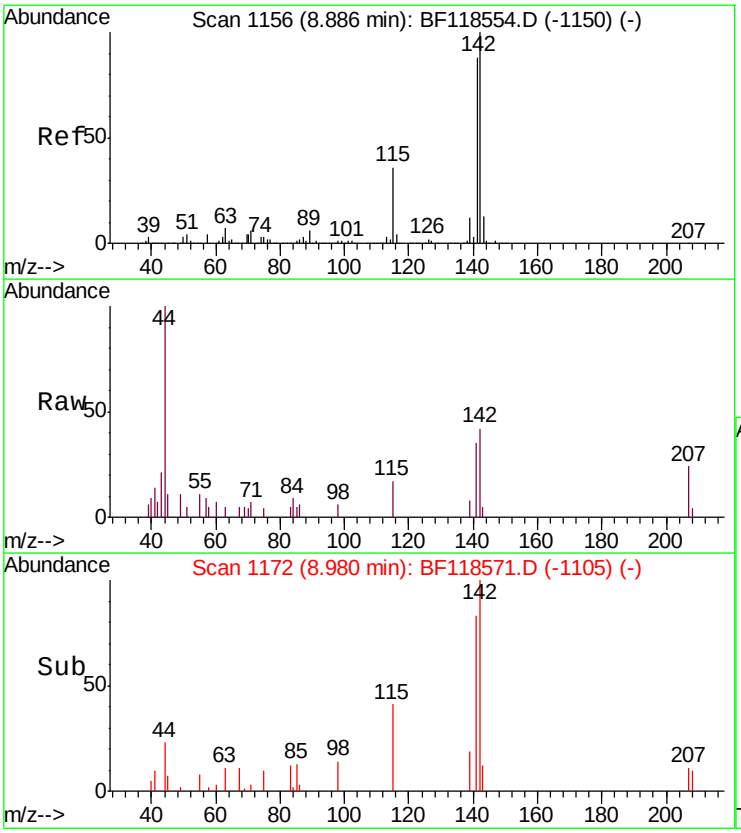
#35
Caprolactam
Concen: 0.113 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.21 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:113 Resp: 637

Ion	Ratio	Lower	Upper
113	100		
55	113.9	137.3	177.3#
56	0.0	99.7	139.7#

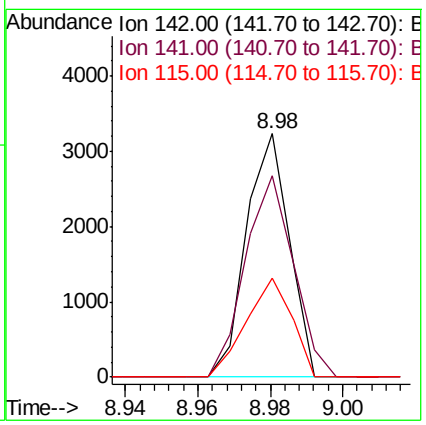


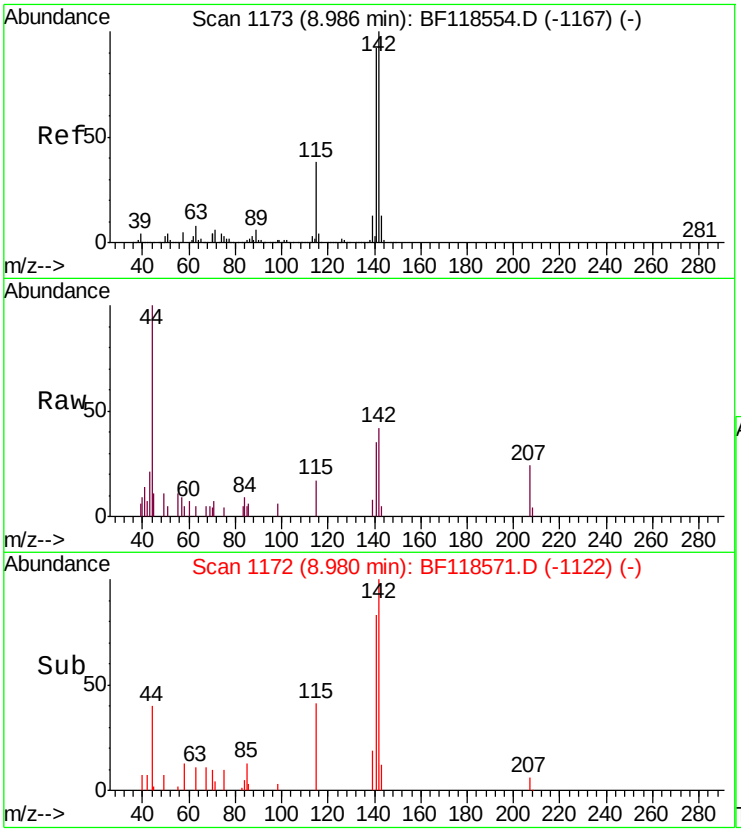


#37
2-Methylnaphthalene
Concen: 0.067 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.09 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:142 Resp: 2640

Ion	Ratio	Lower	Upper
142	100		
141	82.8	70.6	106.0
115	40.7	29.0	43.4



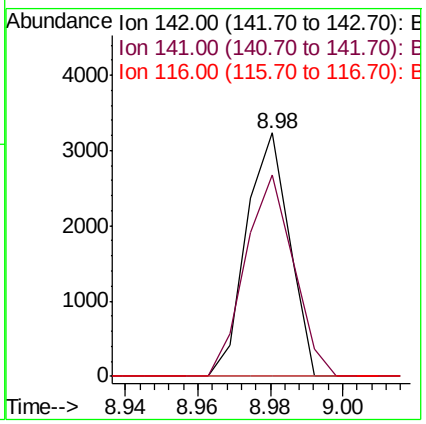


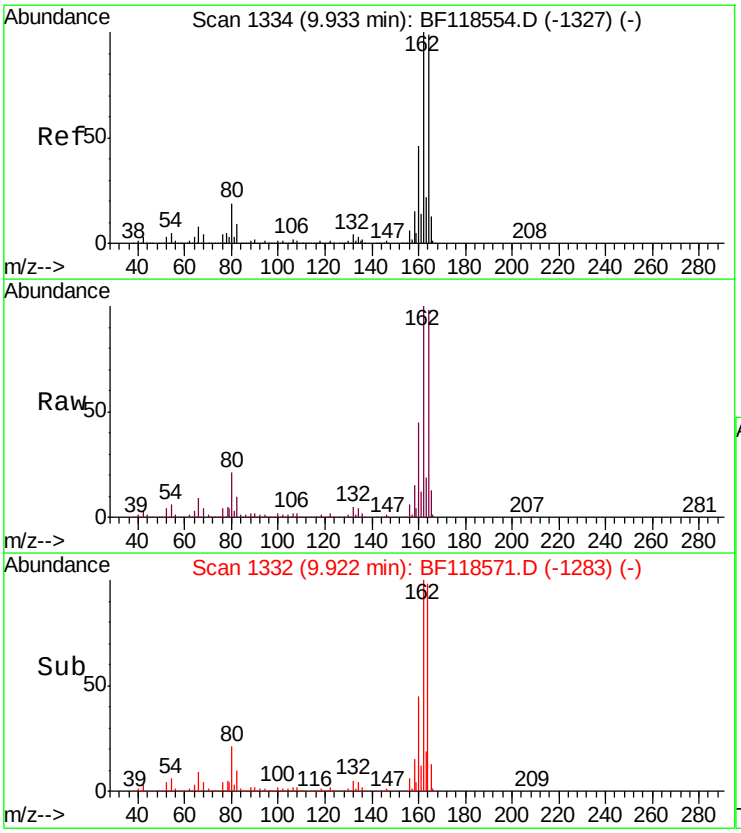
#38
1-Methylnaphthalene
Concen: 0.071 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:142 Resp: 2640

Ion	Ratio	Lower	Upper
142	100		
141	82.8	73.8	110.6
116	0.0	3.3	4.9#

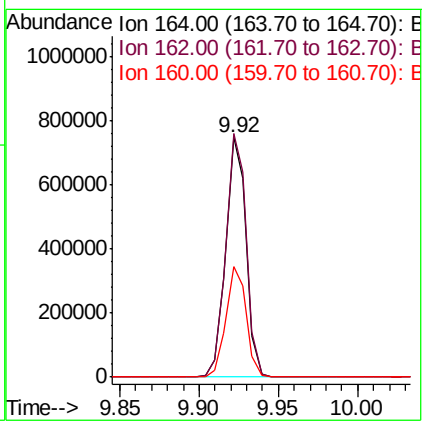


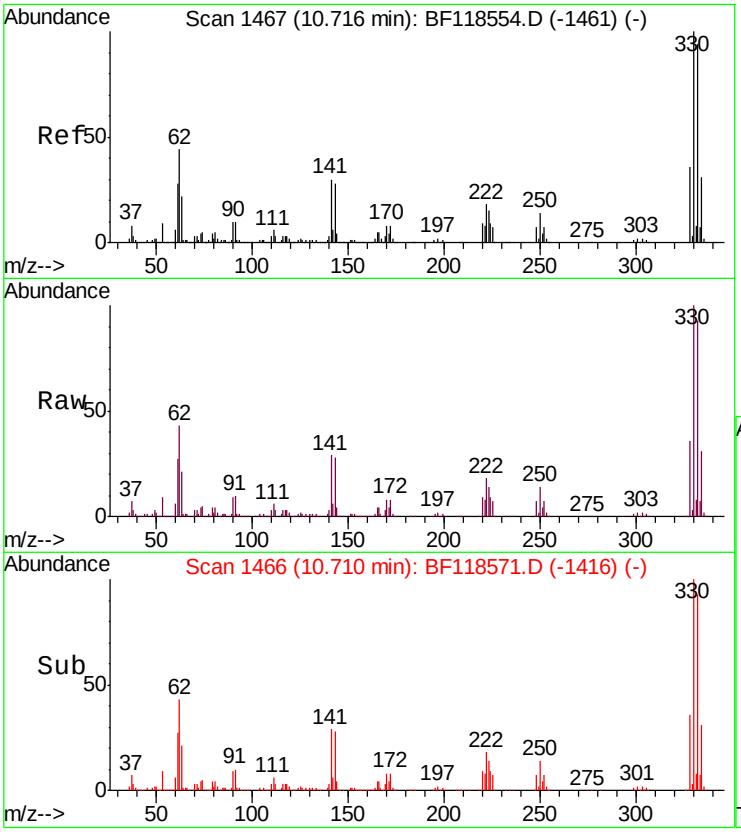


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:164 Resp: 658750

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.2	36.7	55.1



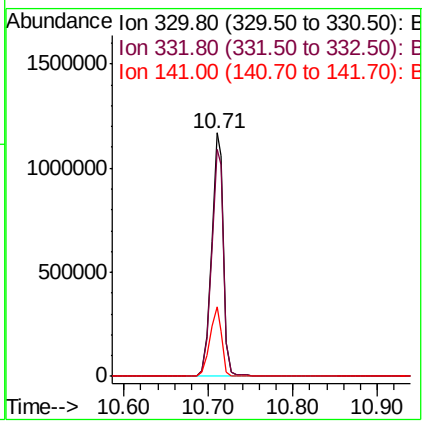


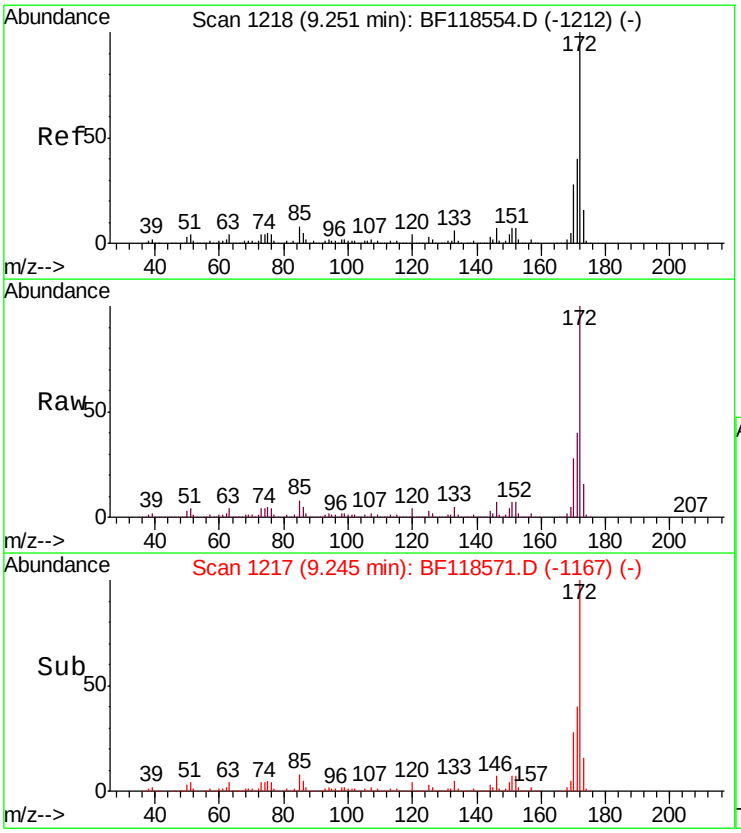
#42
2,4,6-Tribromophenol
Concen: 162.053 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:330 Resp: 1180122

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.4	114.6
141	28.6	23.4	35.2

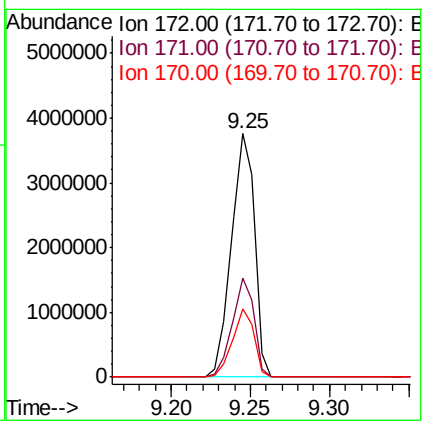


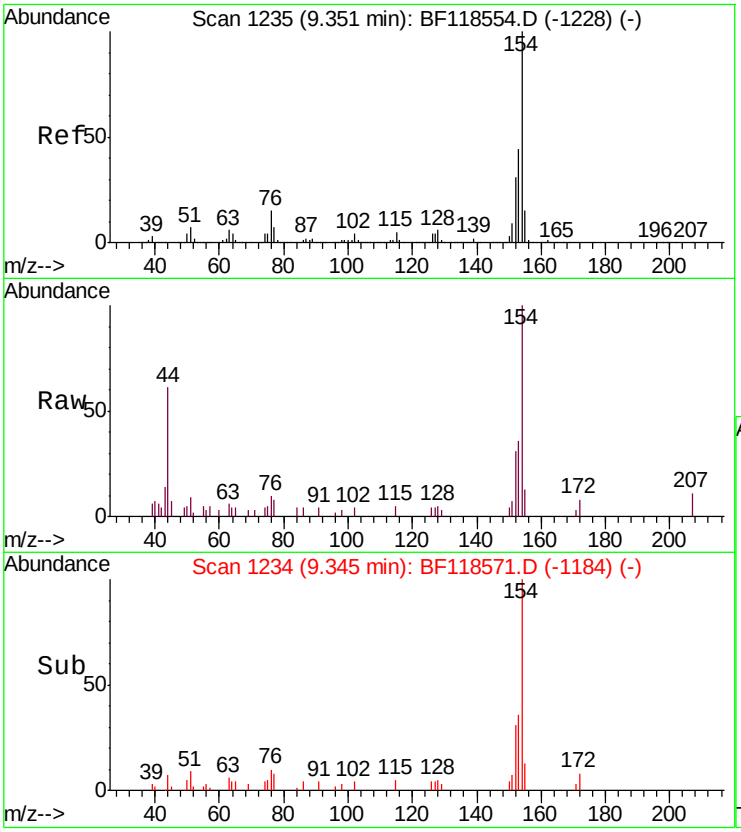


#45
2-Fluorobiphenyl
Concen: 104.032 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:172 Resp: 3796107

Ion	Ratio	Lower	Upper
172	100		
171	40.5	32.4	48.6
170	28.0	22.5	33.7



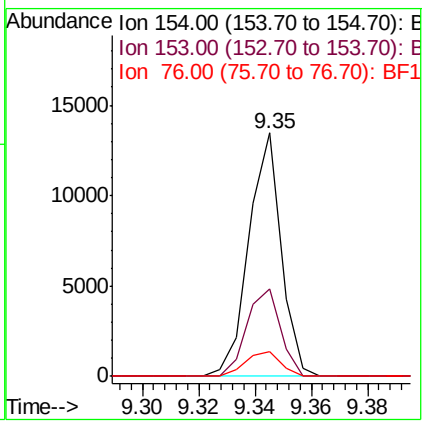


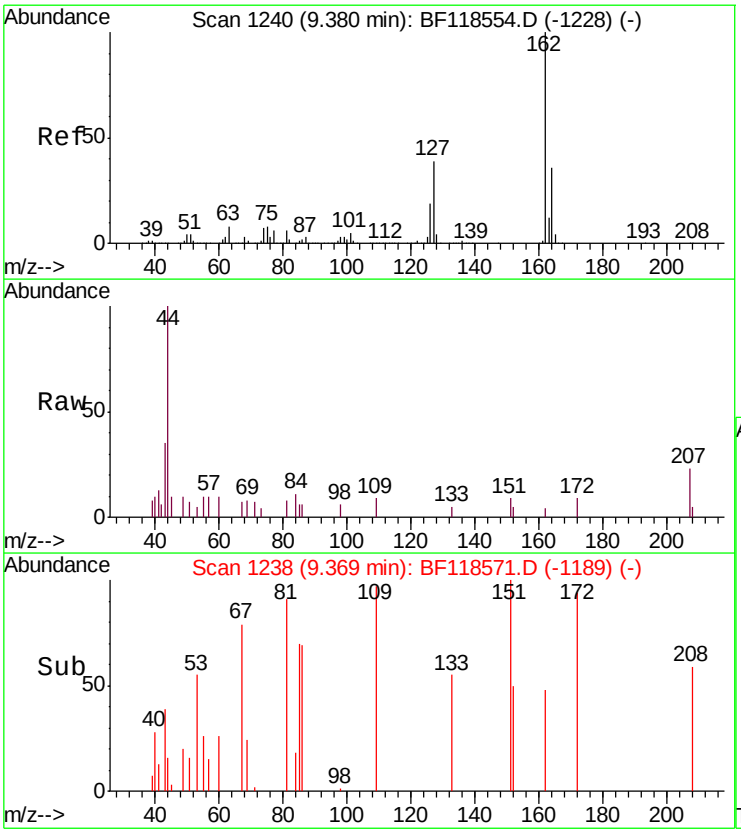
#46
1,1'-Biphenyl
Concen: 0.228 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:154 Resp: 10709

Ion	Ratio	Lower	Upper
154	100		
153	35.8	23.7	63.7
76	10.3	0.0	35.2

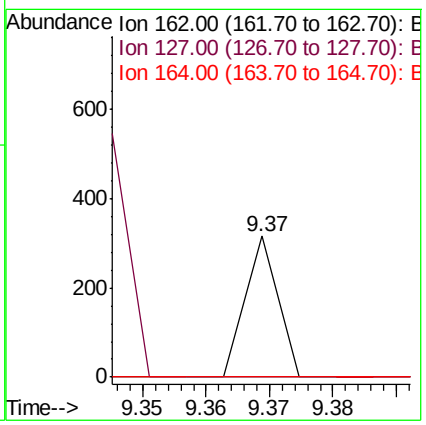


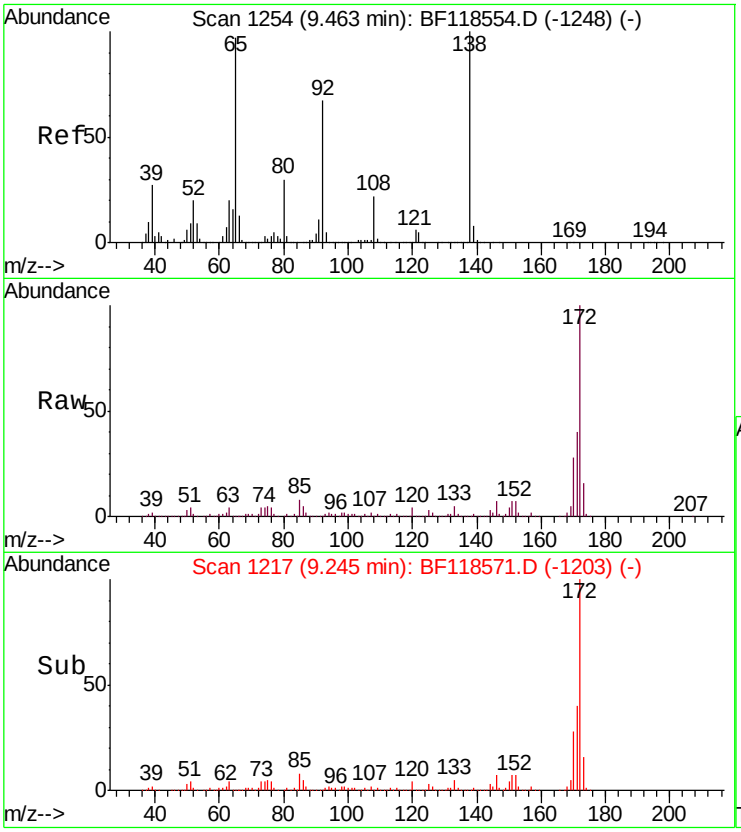


#47
2-Chloronaphthalene
Concen: 0.003 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:162 Resp: 111

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.0	46.4#
164	0.0	28.6	42.8#



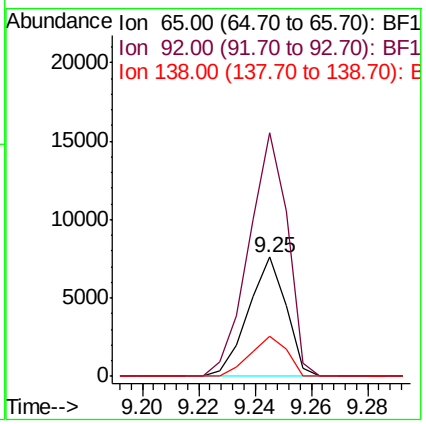


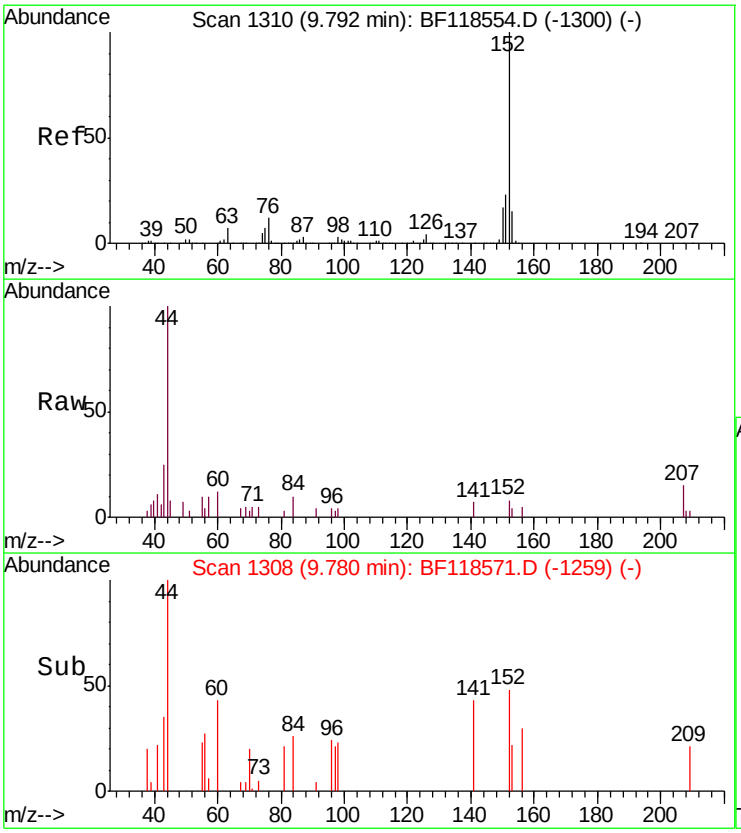
#48
2-Nitroaniline
Concen: 0.687 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.22 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 65 Resp: 7092

Ion	Ratio	Lower	Upper
65	100		
92	204.3	55.3	82.9#
138	33.3	82.9	124.3#

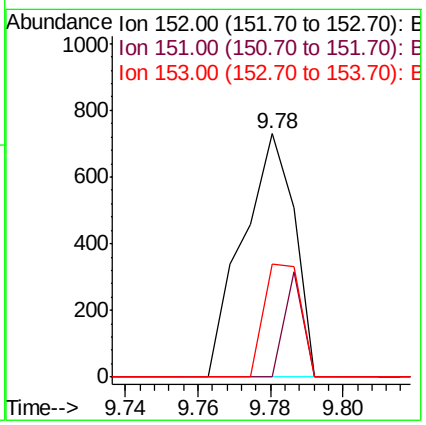


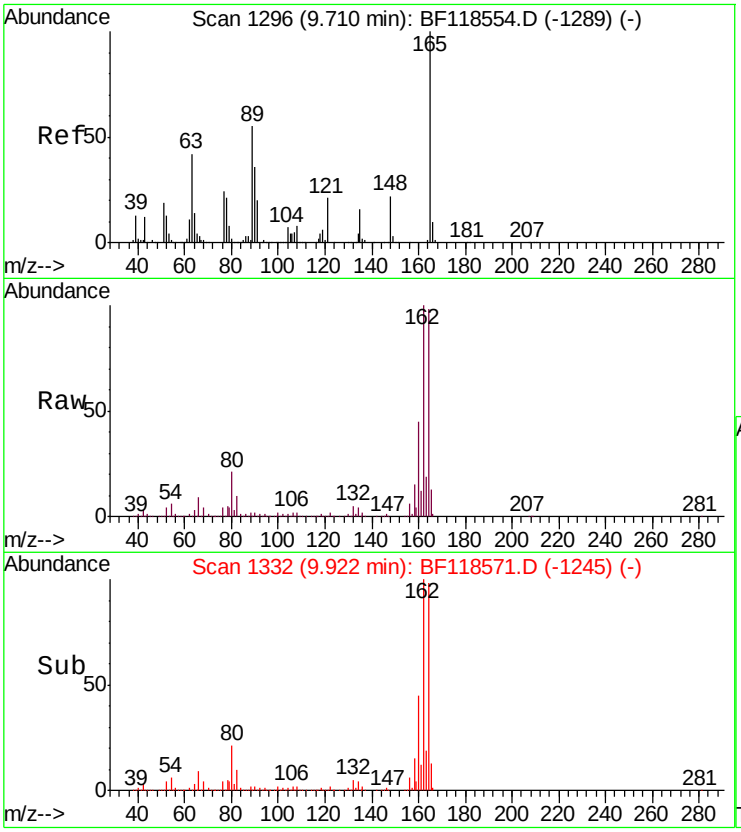


#49
Acenaphthylene
Concen: 0.013 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:152 Resp: 719

Ion	Ratio	Lower	Upper
152	100		
151	0.0	18.6	27.8#
153	46.4	12.3	18.5#



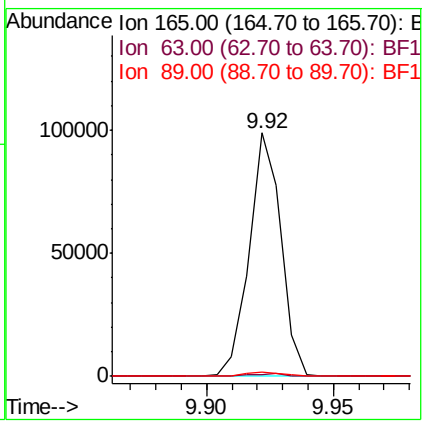


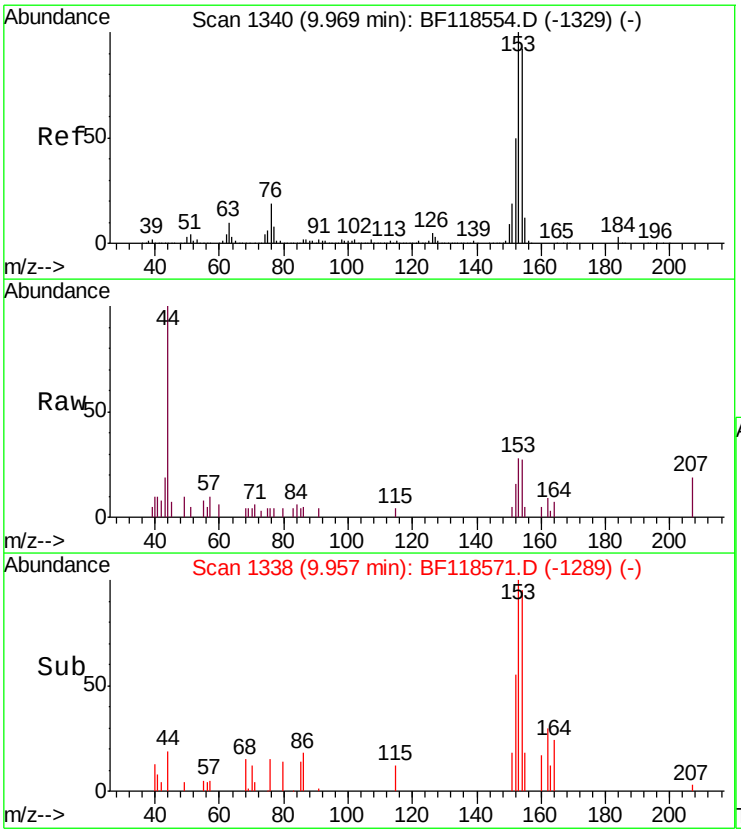
#51
2,6-Dinitrotoluene
Concen: 9.948 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:165 Resp: 85845

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.9	62.9#
89	1.5	44.0	66.0#

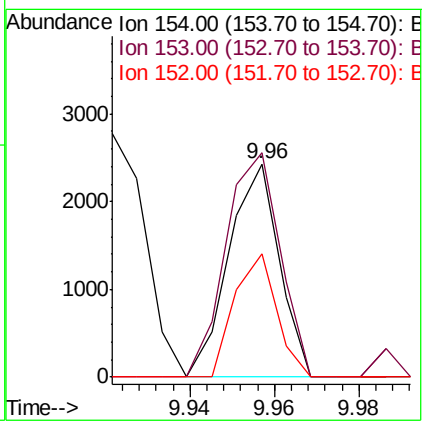


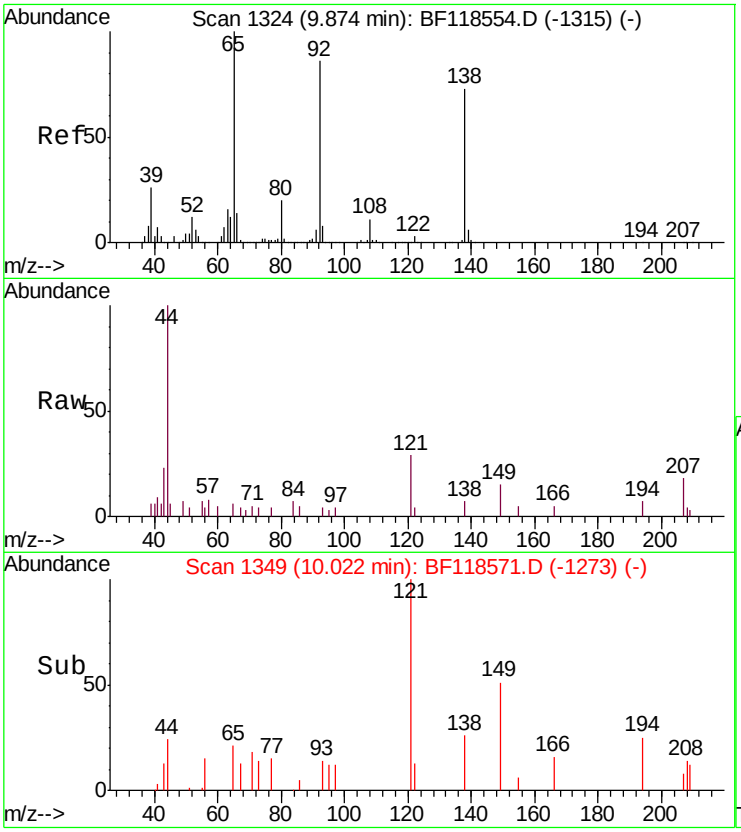


#52
Acenaphthene
Concen: 0.055 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:154 Resp: 2009

Ion	Ratio	Lower	Upper
154	100		
153	105.3	87.0	130.4
152	57.9	43.8	65.8



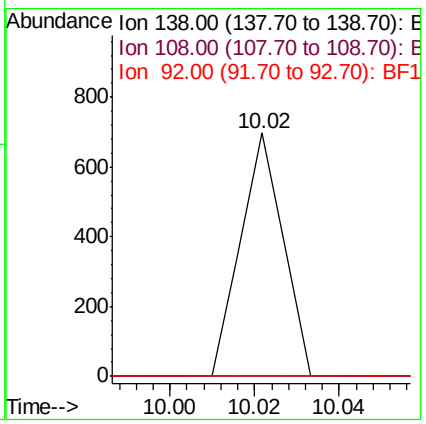


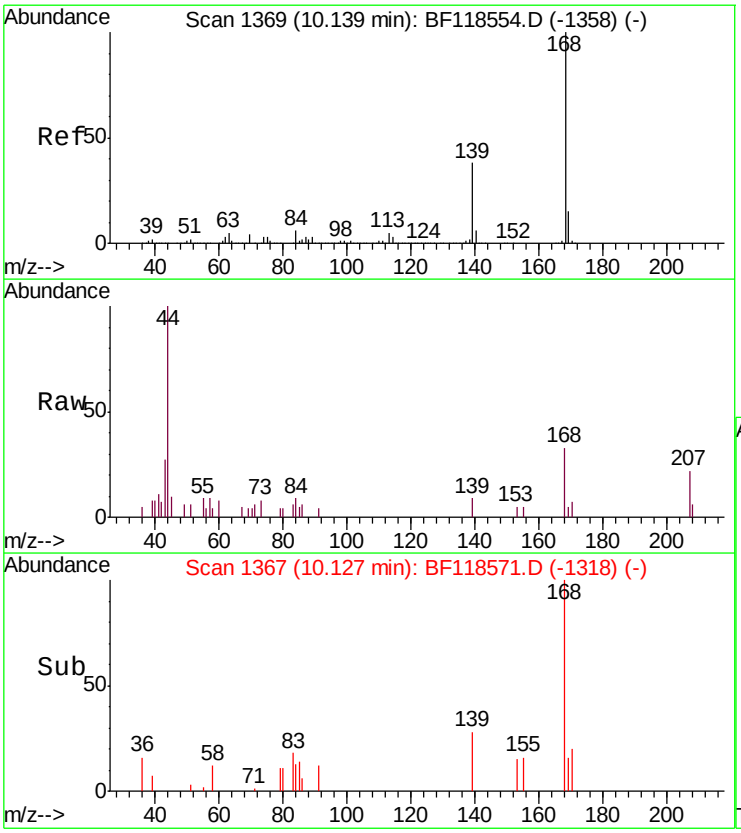
#53
3-Nitroaniline
Concen: 0.050 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.15 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:138 Resp: 489

Ion	Ratio	Lower	Upper
138	100		
108	0.0	12.2	18.4#
92	0.0	94.2	141.2#

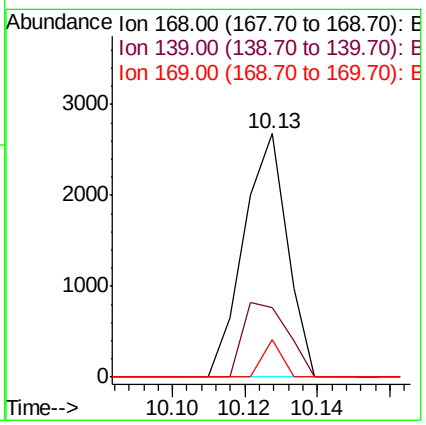


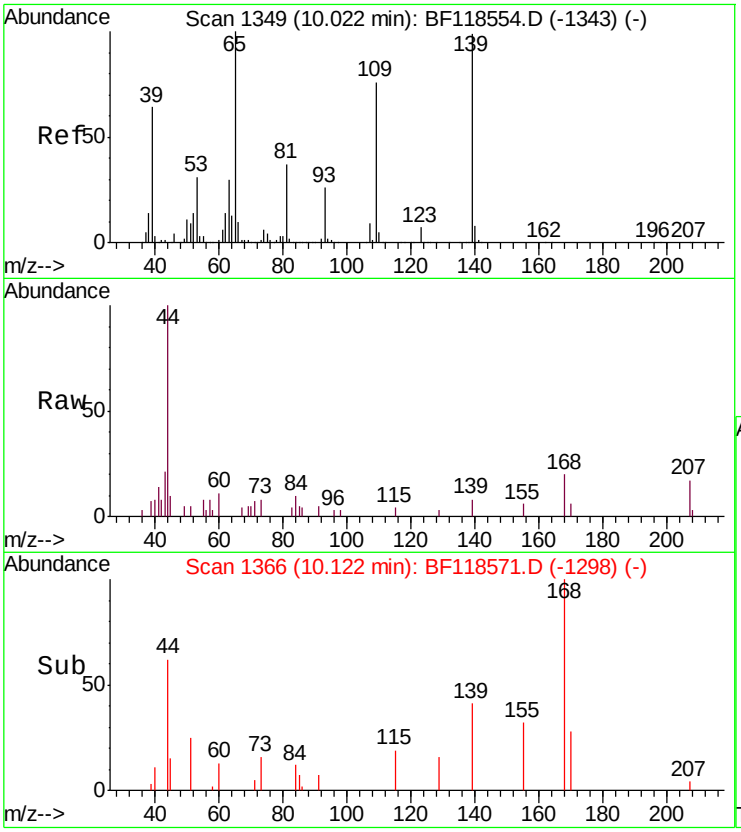


#55
Dibenzofuran
Concen: 0.043 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:168 Resp: 2226

Ion	Ratio	Lower	Upper
168	100		
139	28.4	30.6	46.0#
169	15.6	11.9	17.9



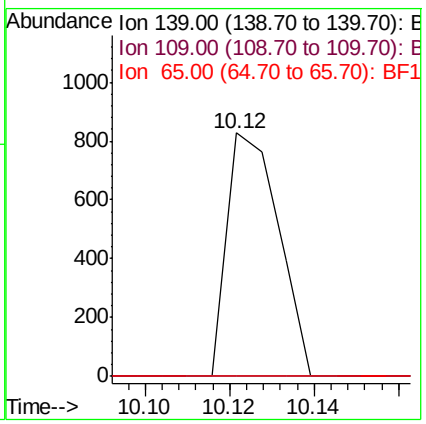


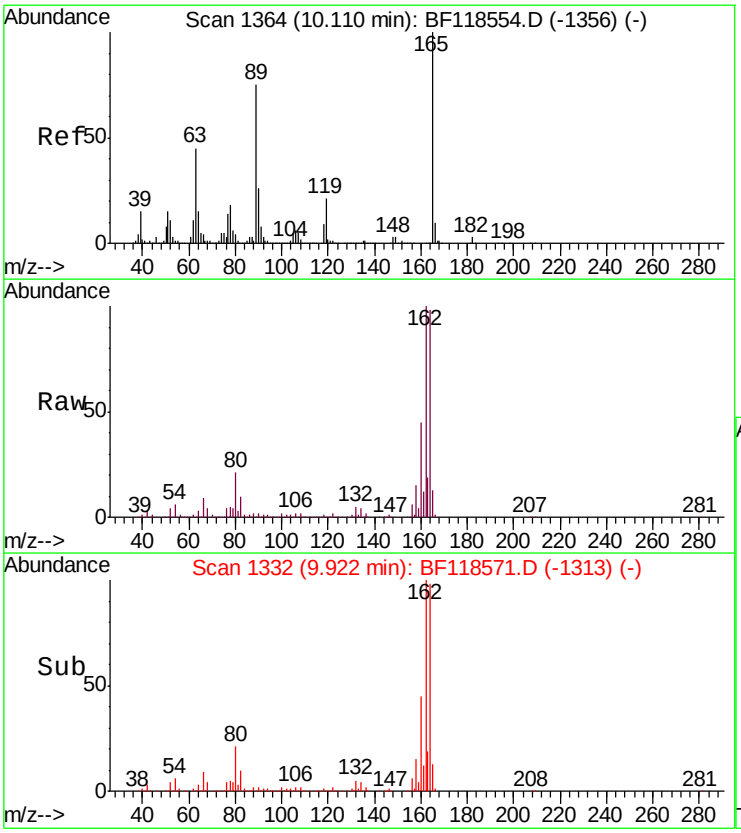
#56
4-Nitrophenol
Concen: 0.097 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:139 Resp: 701

Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.9	96.9#
65	0.0	81.7	121.7#

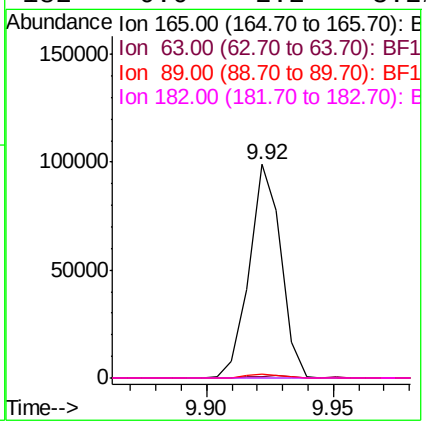


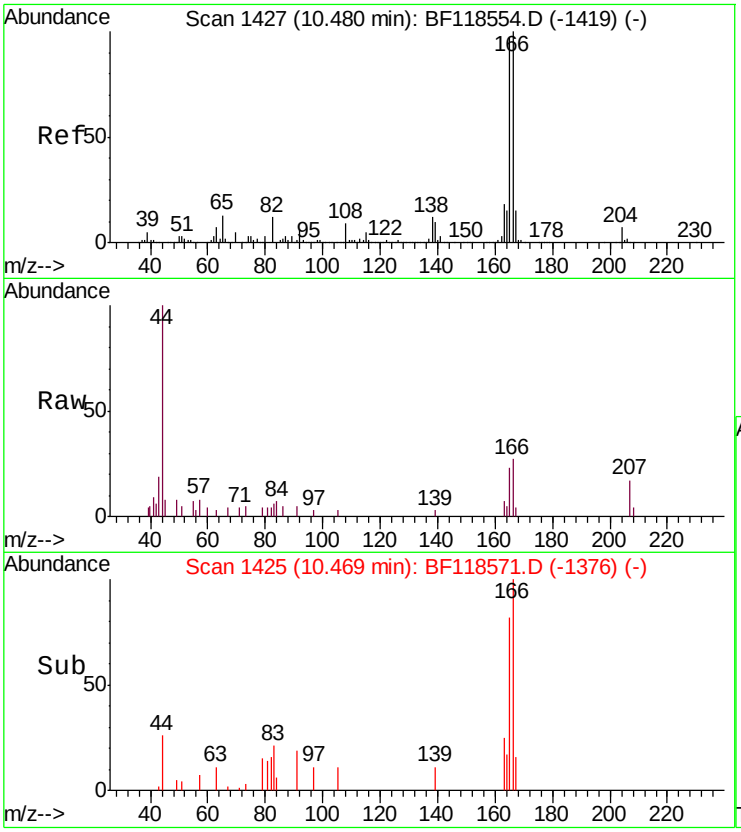


#57
2,4-Dinitrotoluene
Concen: 11.794 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:165 Resp: 85845

Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.8	53.6#
89	1.5	59.9	89.9#
182	0.0	2.2	3.2#



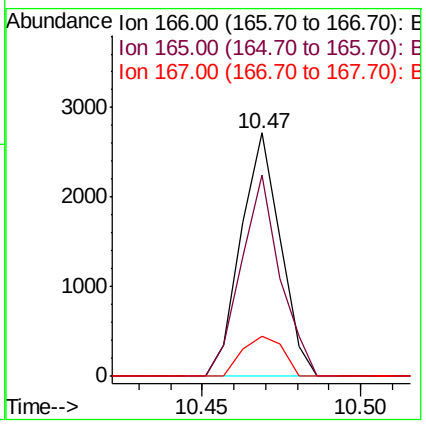


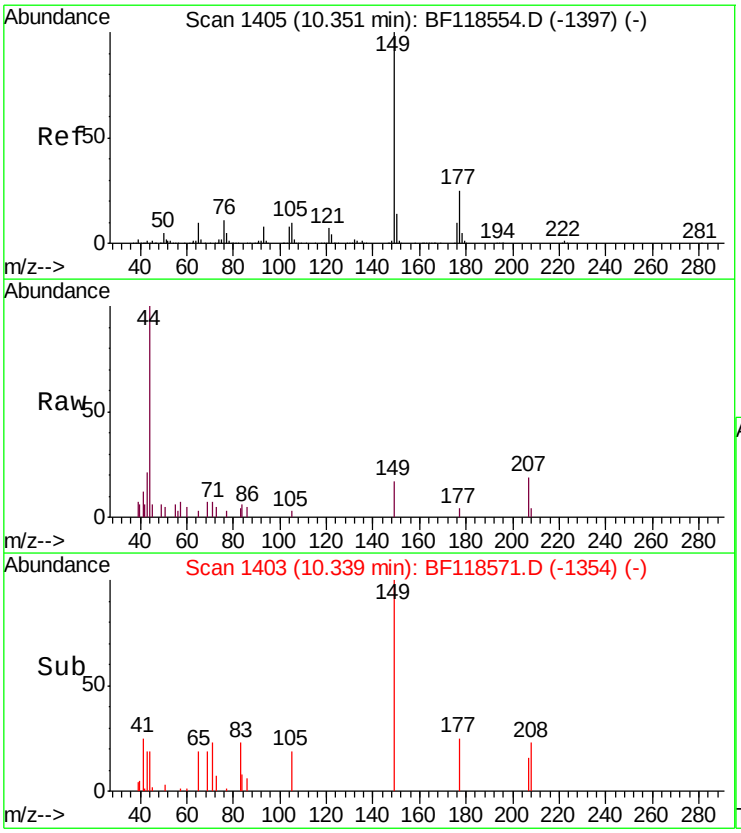
#58
Fluorene
Concen: 0.059 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:166 Resp: 2356

Ion	Ratio	Lower	Upper
166	100		
165	82.5	77.8	116.8
167	16.4	11.7	17.5

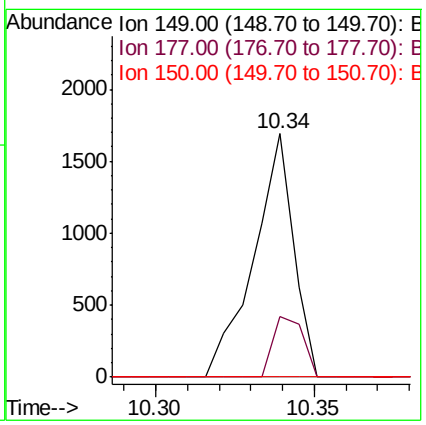


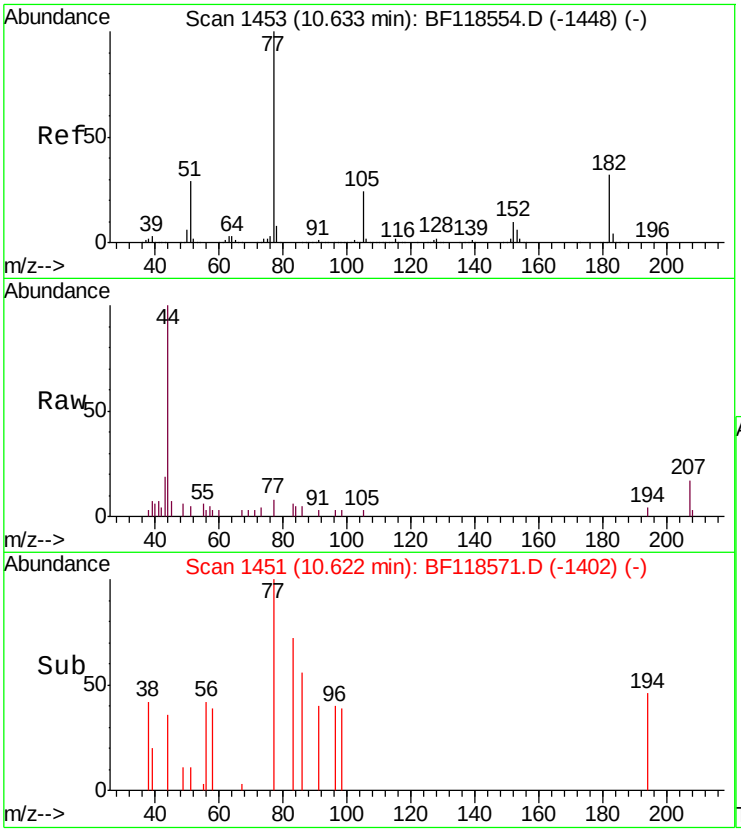


#60
Diethylphthalate
Concen: 0.033 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:149 Resp: 1478

Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.2	30.4
150	0.0	11.0	16.4#



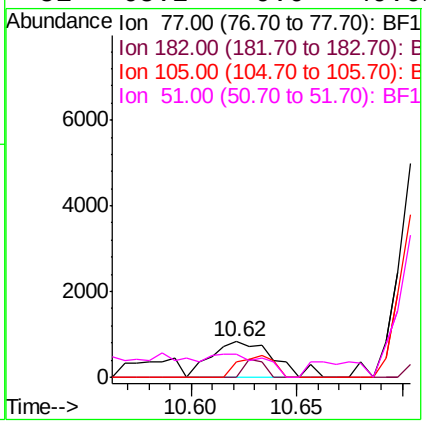


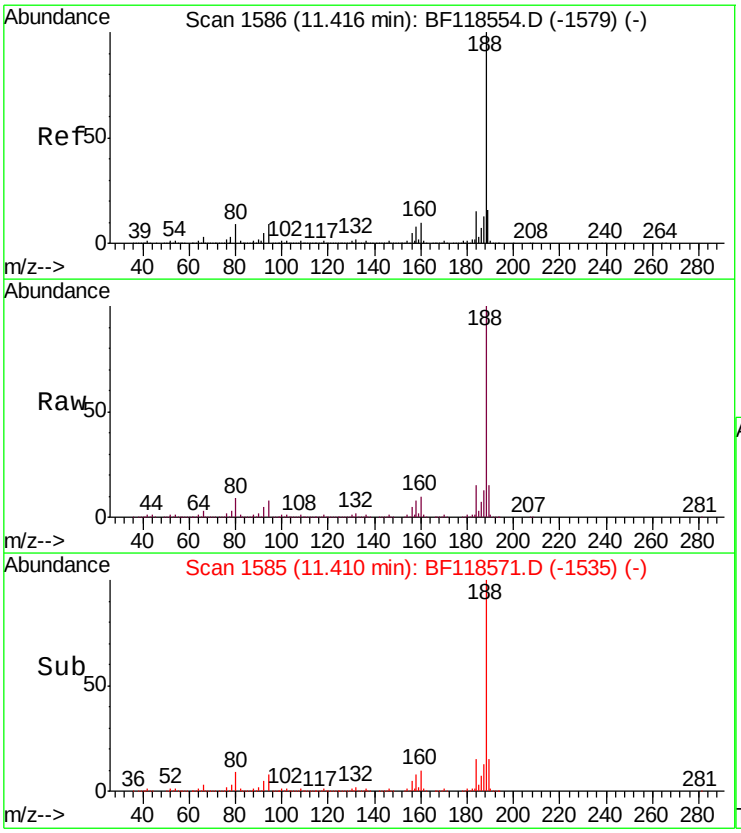
#63
Azobenzene
Concen: 0.040 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion: 77 Resp: 1723

Ion	Ratio	Lower	Upper
77	100		
182	0.0	11.7	51.7#
105	41.8	3.6	43.6
51	65.2	9.0	49.0#

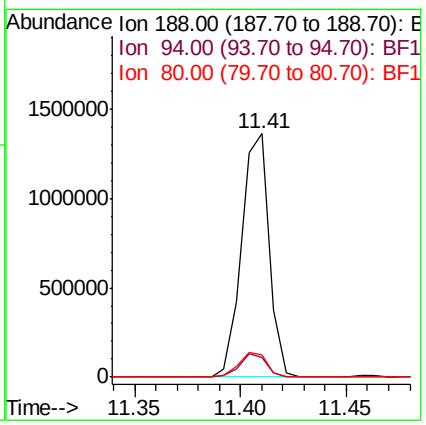


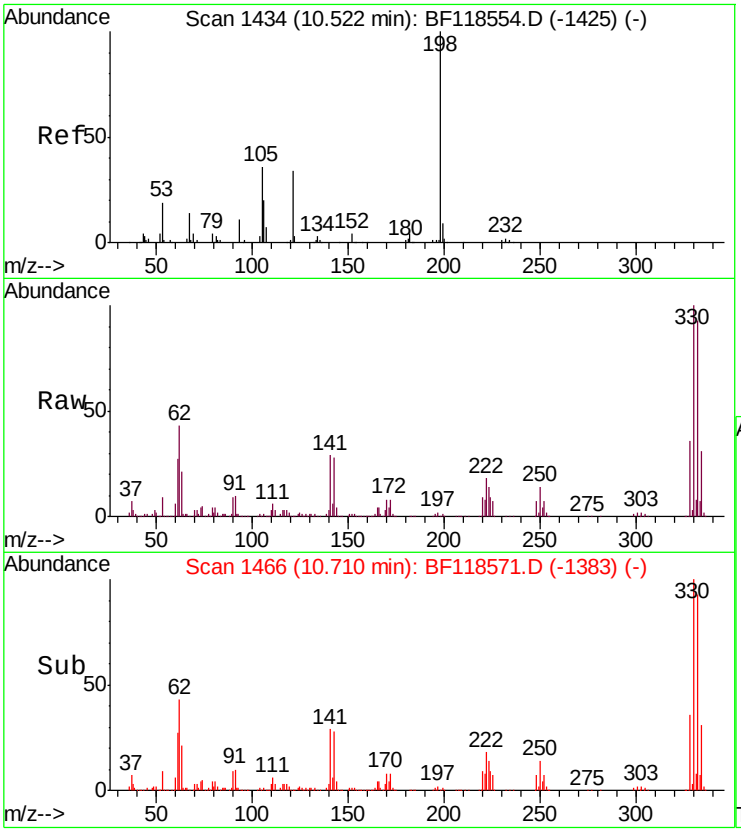


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:188 Resp: 1234906

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.4
80	9.2	7.4	11.2



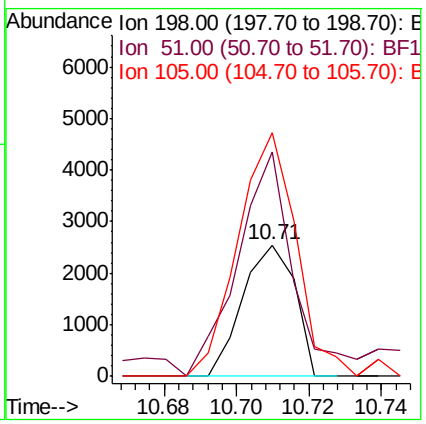


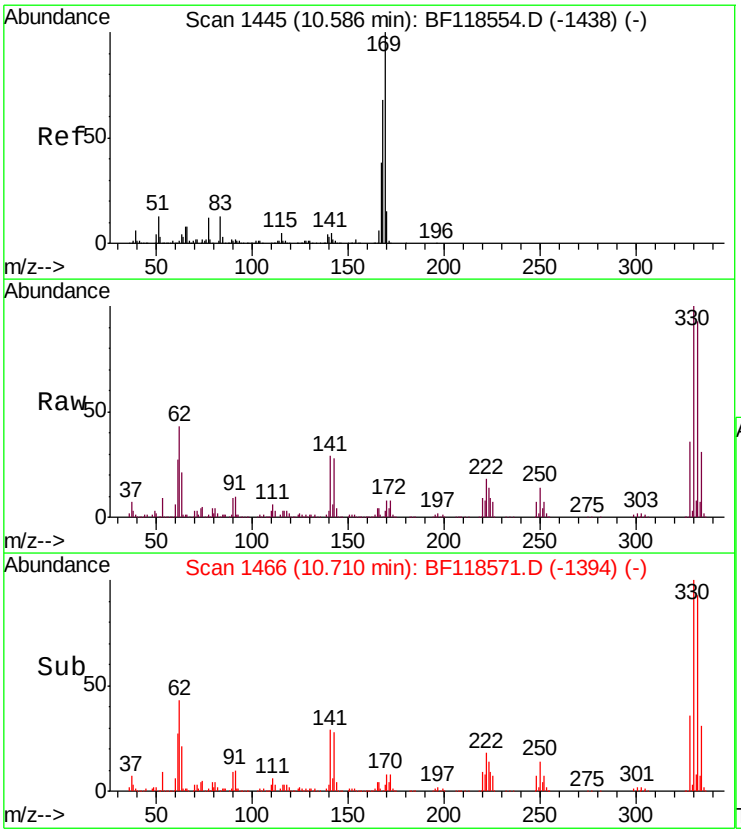
#65
4,6-Dinitro-2-methylphenol
Concen: 10.130 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:198 Resp: 2548

Ion	Ratio	Lower	Upper
198	100		
51	171.2	13.2	53.2#
105	185.6	17.2	57.2#

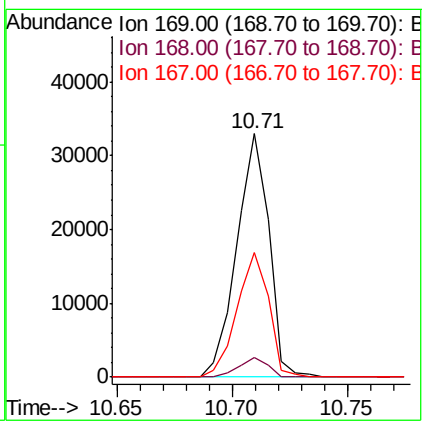


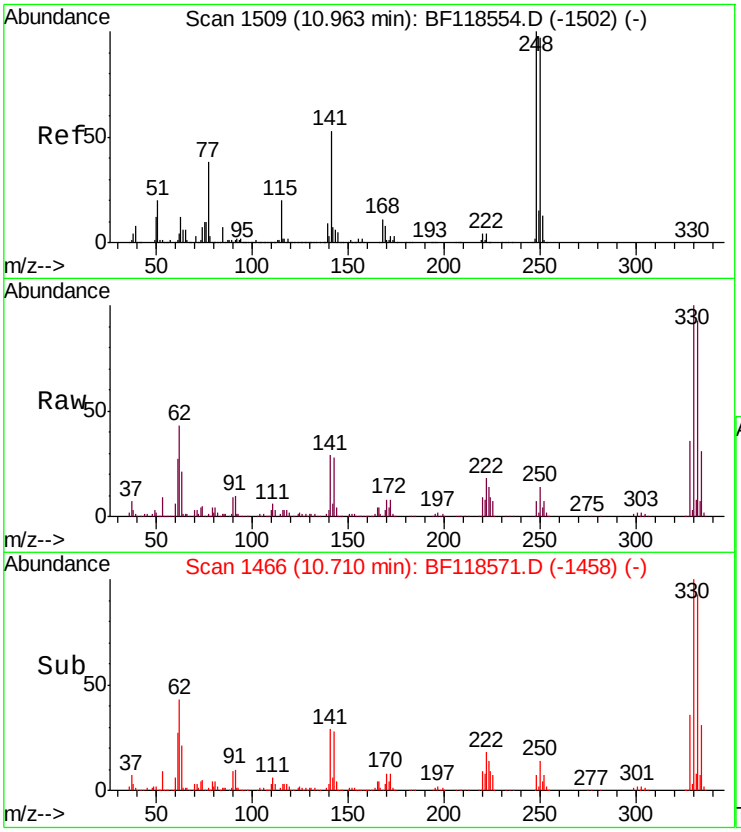


#66
n-Nitrosodiphenylamine
Concen: 0.807 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:169 Resp: 32020

Ion	Ratio	Lower	Upper
169	100		
168	7.9	54.2	81.4#
167	51.4	30.5	45.7#



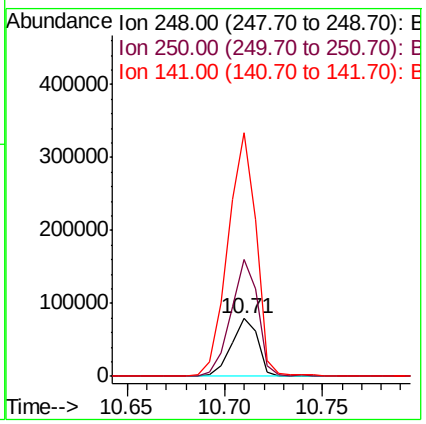


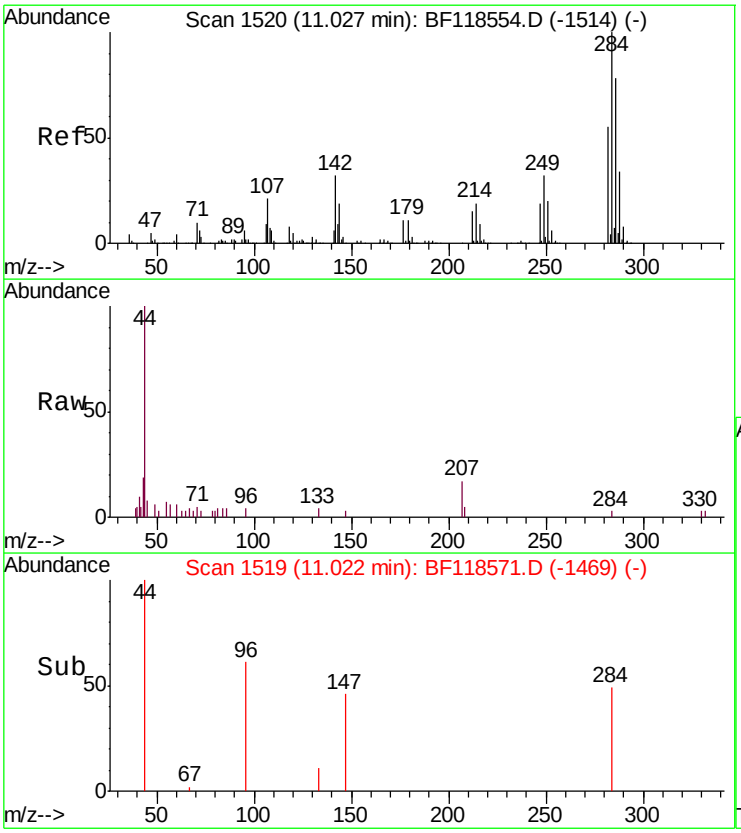
#67
4-Bromophenyl-phenylether
Concen: 4.550 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:248 Resp: 75210

Ion	Ratio	Lower	Upper
248	100		
250	202.5	77.8	116.8#
141	422.6	42.7	64.1#

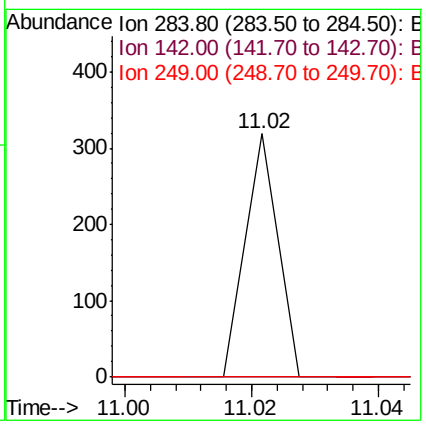


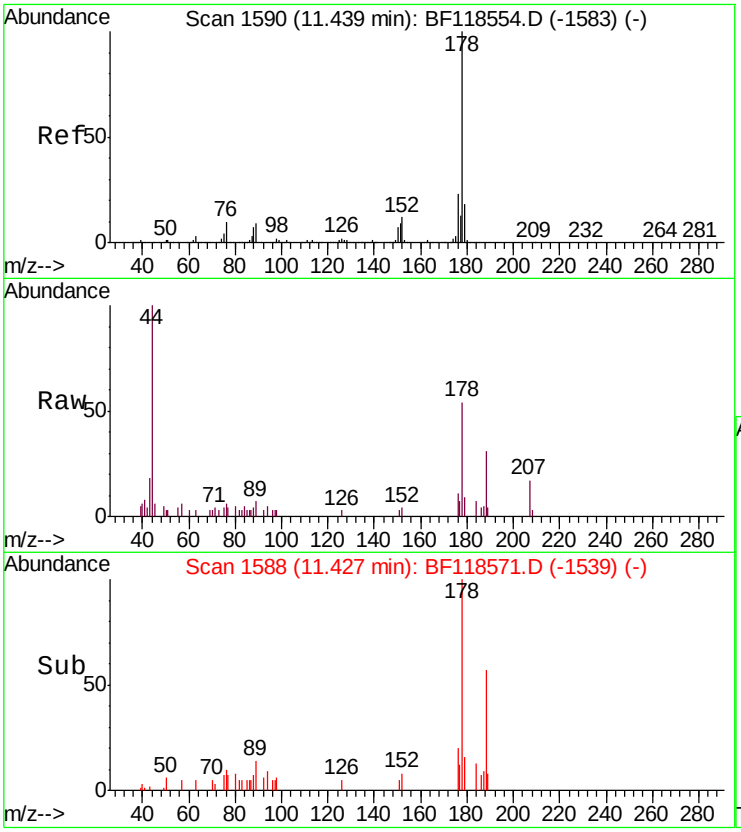


#68
Hexachlorobenzene
Concen: 0.006 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:284 Resp: 113

Ion	Ratio	Lower	Upper
284	100		
142	0.0	25.6	38.4#
249	0.0	25.6	38.4#



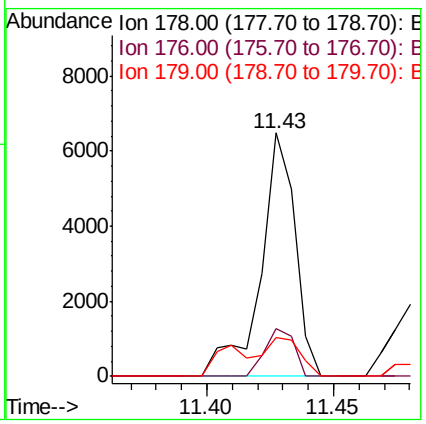


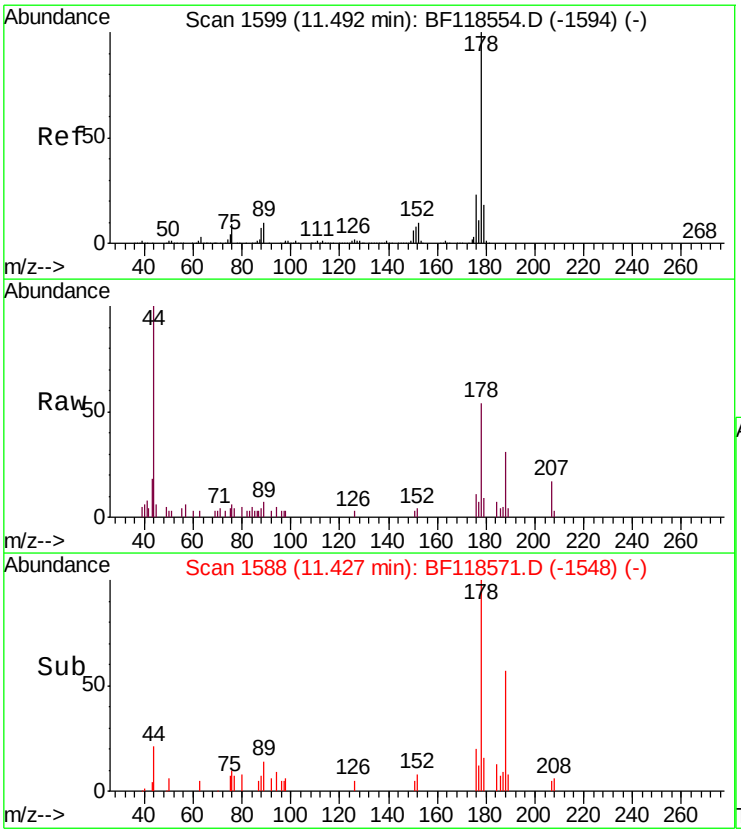
#71
Phenanthrene
Concen: 0.100 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:178 Resp: 6211

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.6	28.0
179	16.0	14.6	22.0

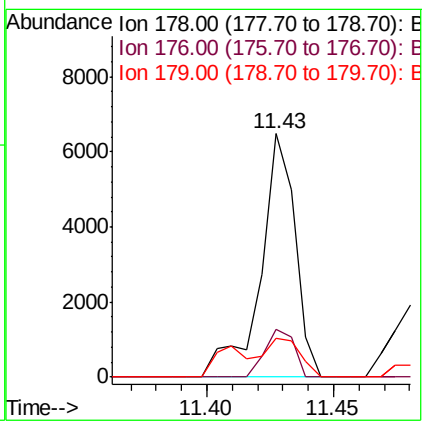


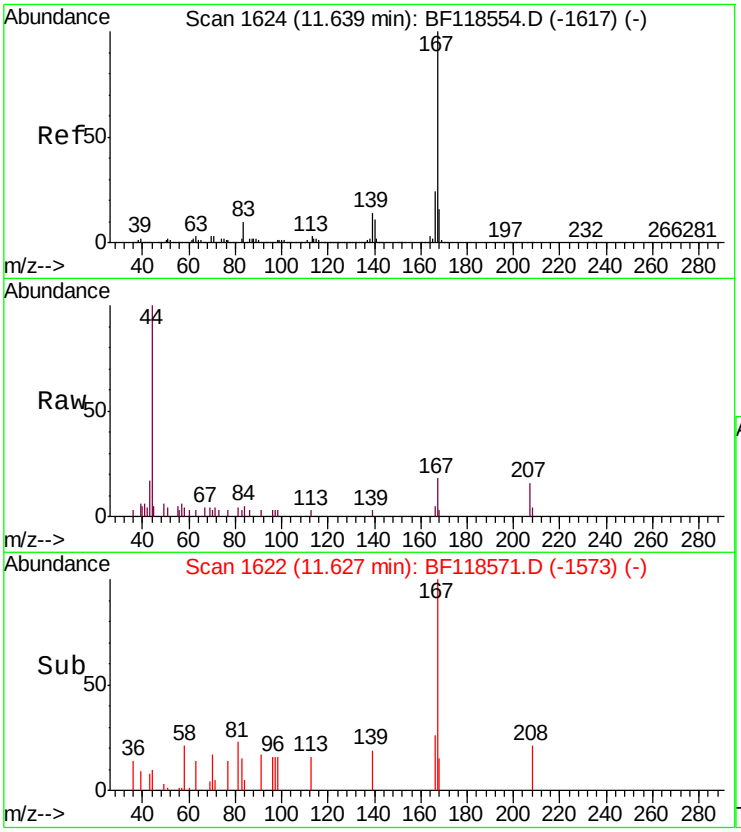


#72
Anthracene
Concen: 0.100 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.06 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:178 Resp: 6211

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	16.0	14.7	22.1



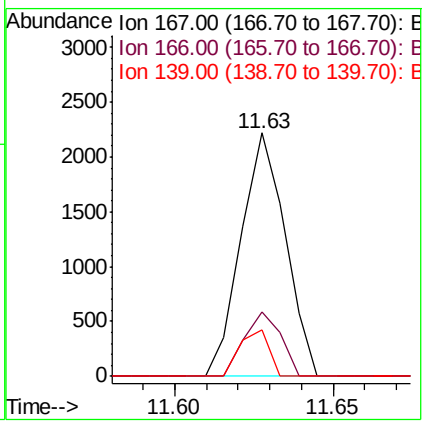


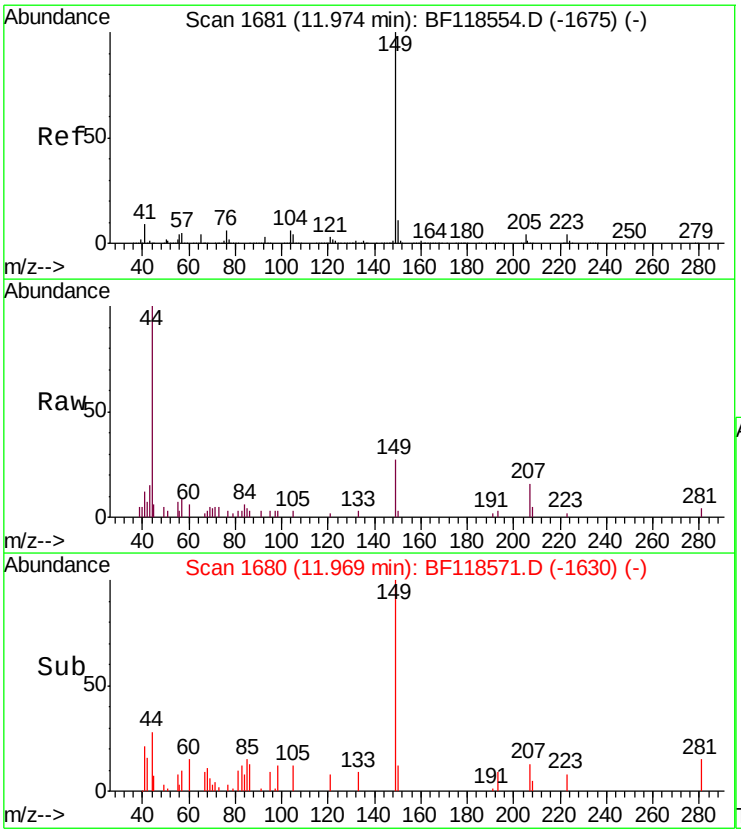
#73
Carbazole
Concen: 0.039 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:167 Resp: 2151

Ion	Ratio	Lower	Upper
167	100		
166	26.4	19.5	29.3
139	19.0	11.5	17.3#

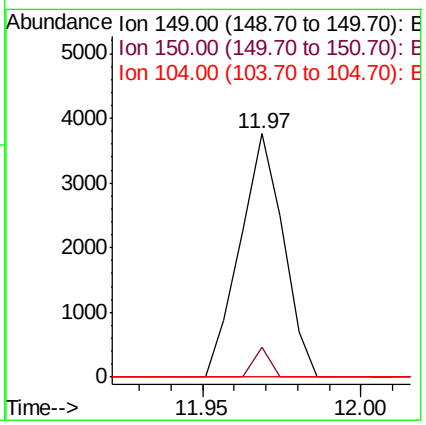


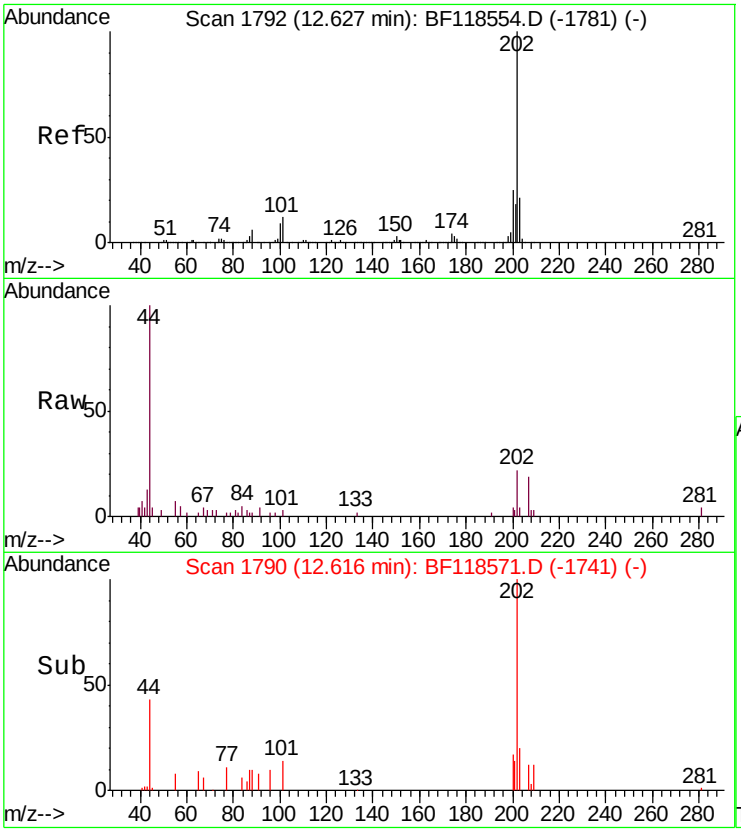


#74
Di-n-butylphthalate
Concen: 0.051 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:149 Resp: 3561

Ion	Ratio	Lower	Upper
149	100		
150	12.4	9.0	13.6
104	0.0	5.0	7.4#



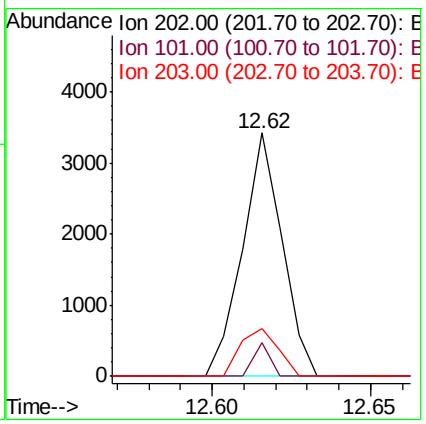


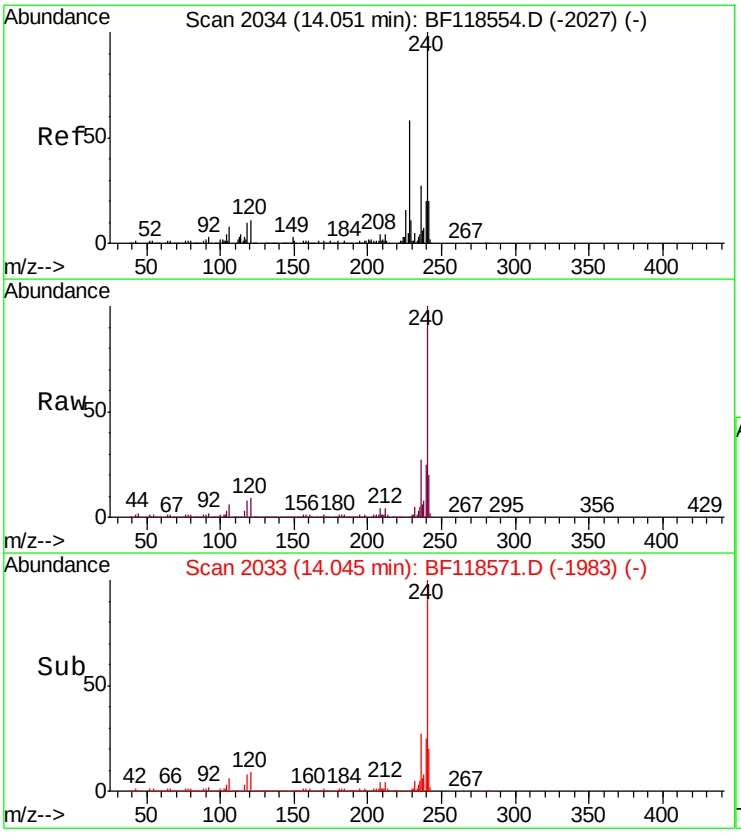
#75
Fluoranthene
Concen: 0.045 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:202 Resp: 2989

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.9
203	19.9	0.9	40.9

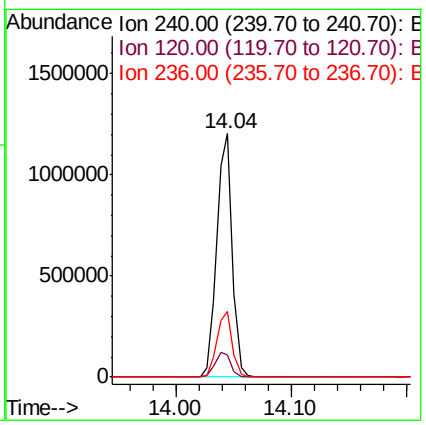


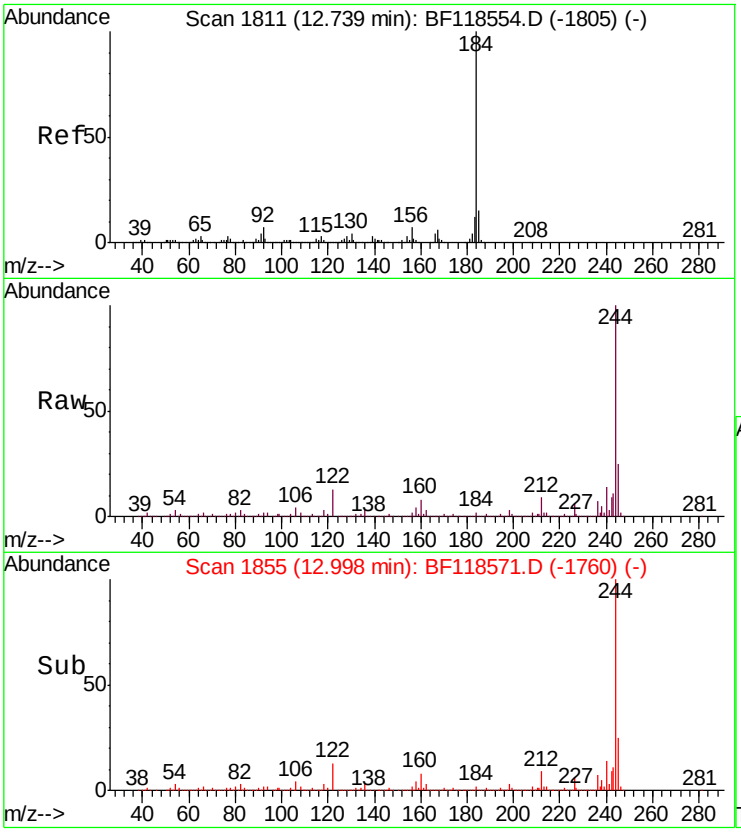


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:240 Resp: 1111723

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.7	13.1
236	26.8	21.8	32.8



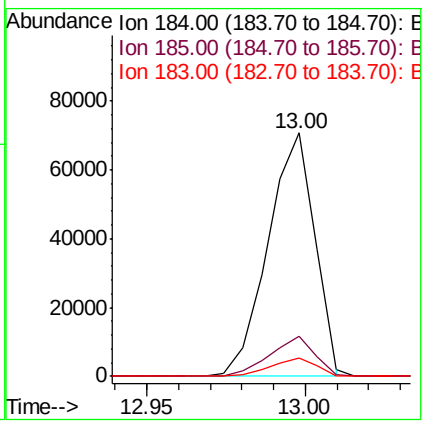


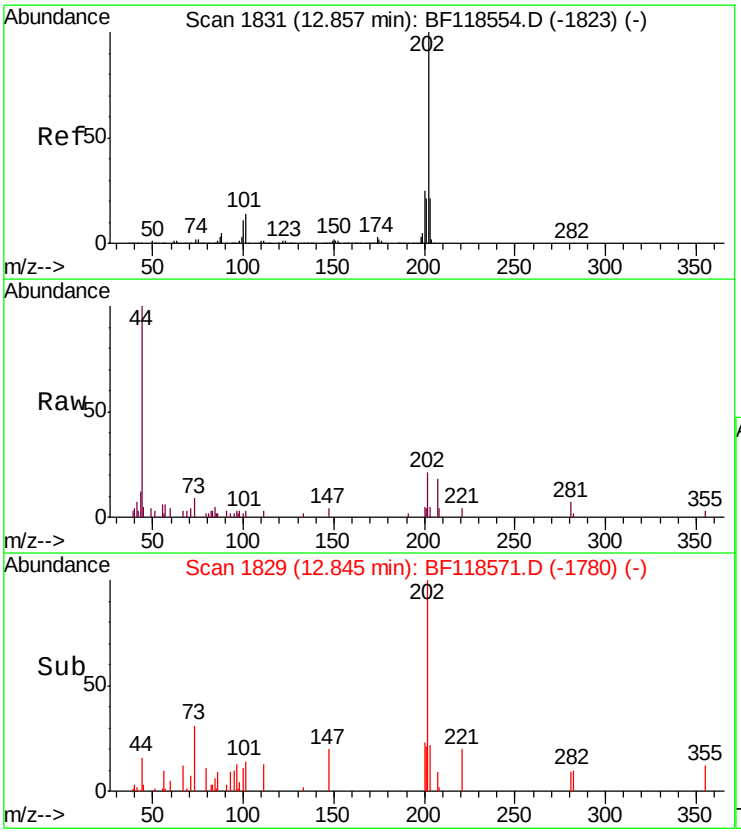
#77
Benzidine
Concen: 2.686 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:184 Resp: 72542

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.3	18.5
183	7.6	9.5	14.3#

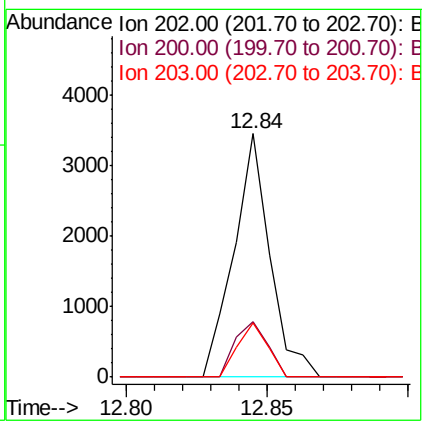


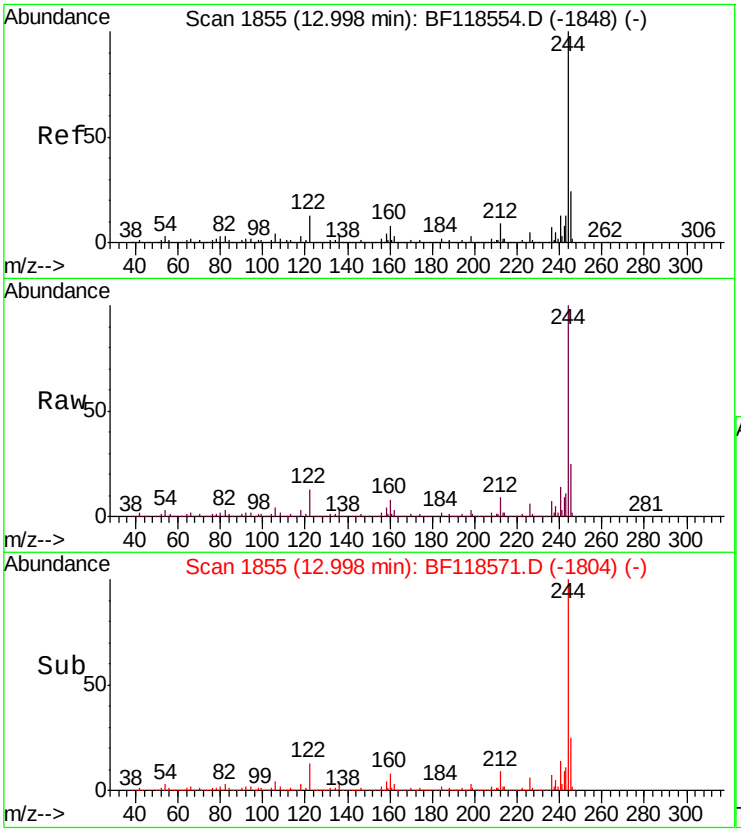


#78
Pyrene
Concen: 0.037 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:202 Resp: 3063

Ion	Ratio	Lower	Upper
202	100		
200	22.8	20.2	30.4
203	22.2	16.6	25.0



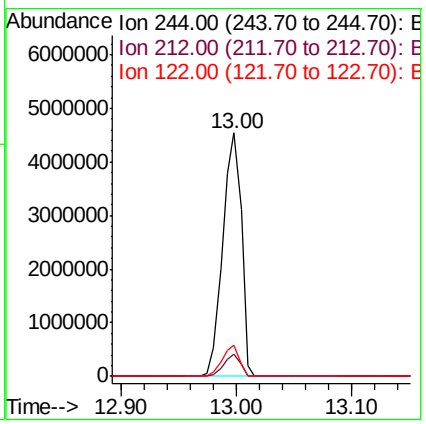


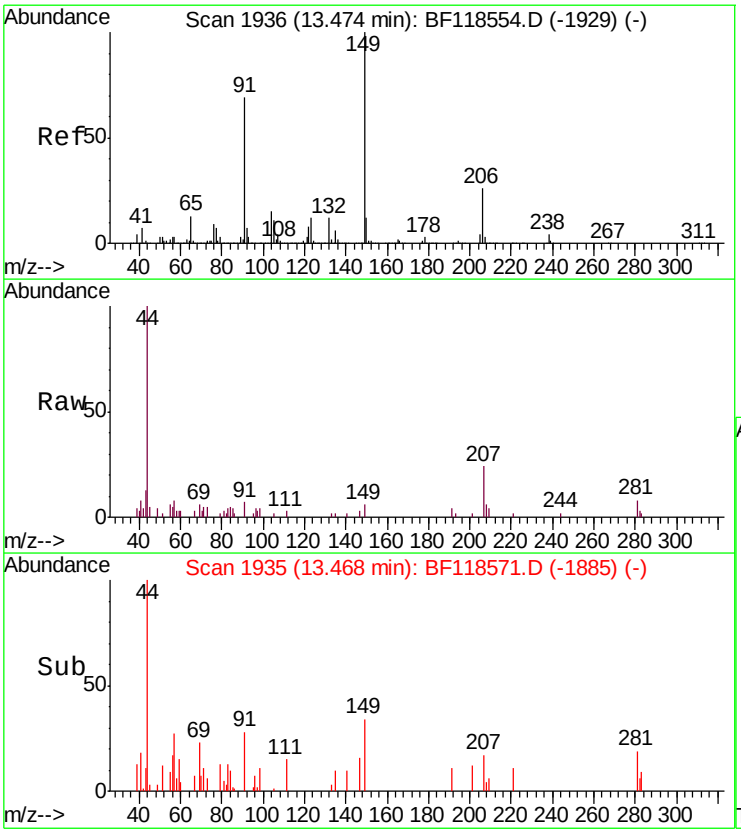
#79
Terphenyl-d14
Concen: 89.580 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:244 Resp: 5042637

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	12.9	10.4	15.6

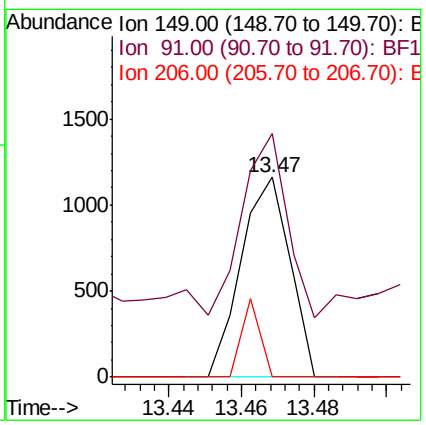


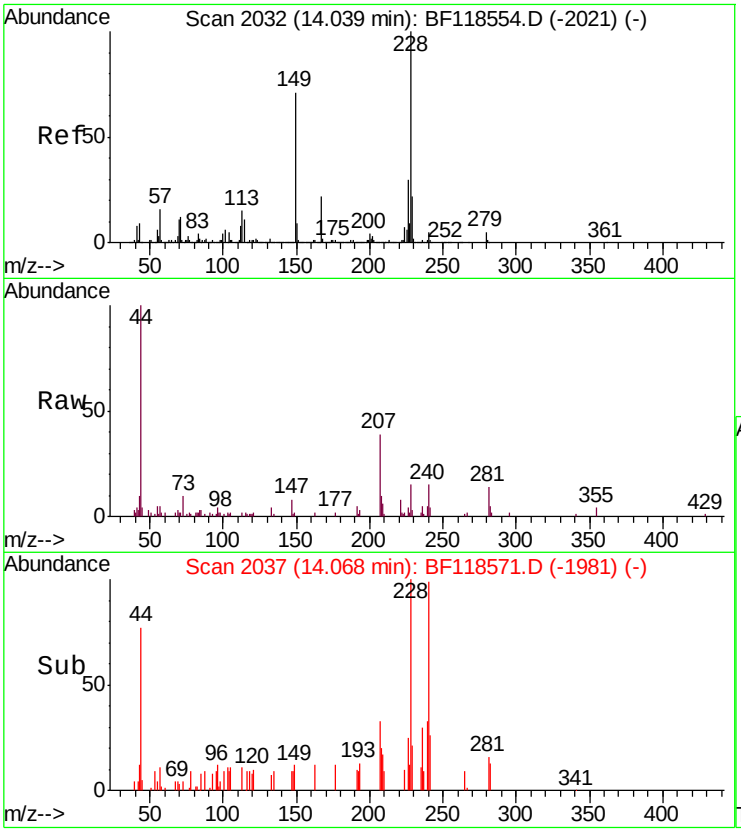


#80
Butylbenzylphthalate
Concen: 0.030 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:149 Resp: 1080

Ion	Ratio	Lower	Upper
149	100		
91	121.9	55.5	83.3#
206	0.0	20.7	31.1#



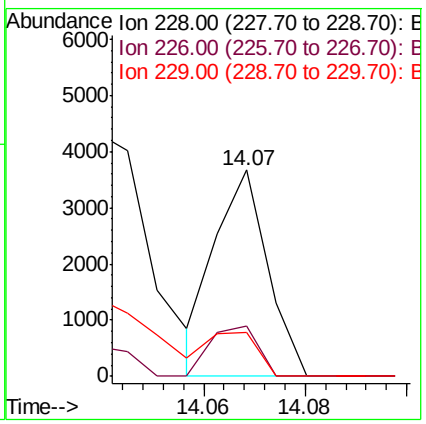


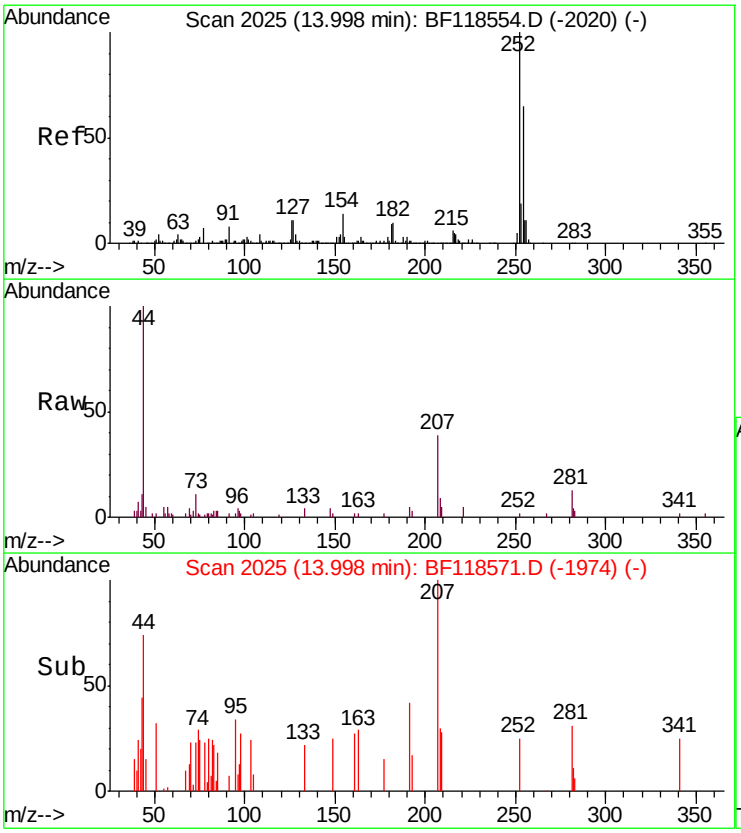
#81
Benzo(a)anthracene
Concen: 0.038 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:228 Resp: 2651

Ion	Ratio	Lower	Upper
228	100		
226	24.5	23.7	35.5
229	21.1	17.3	25.9

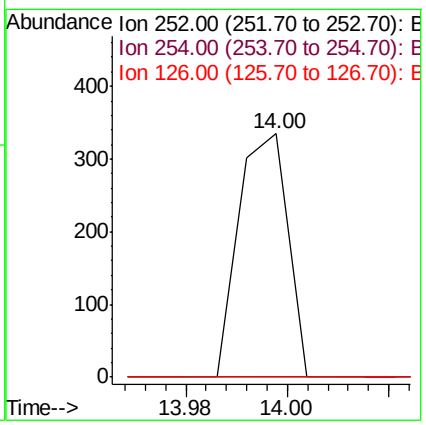


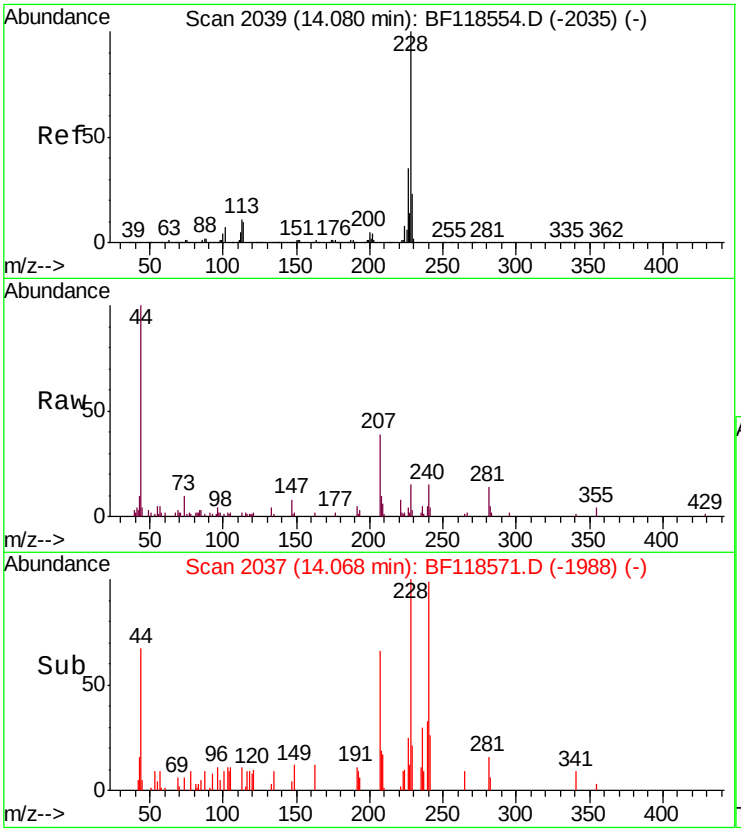


#82
3,3'-Dichlorobenzidine
Concen: 0.009 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:252 Resp: 224

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.0	78.0#
126	0.0	9.1	13.7#



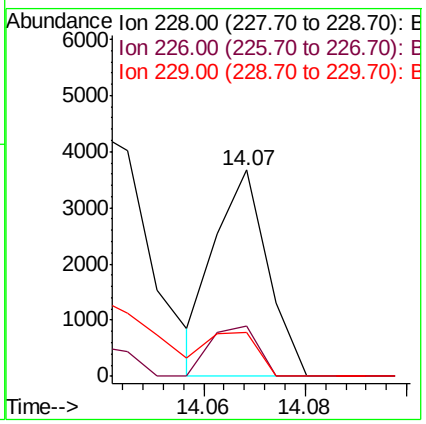


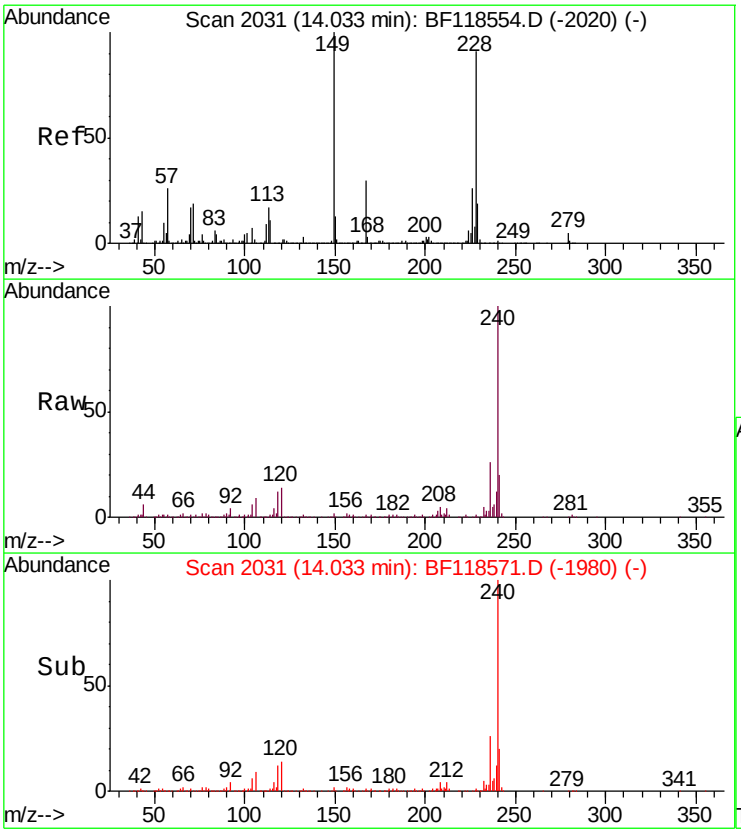
#83
Chrysene
Concen: 0.039 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:228 Resp: 2651

Ion	Ratio	Lower	Upper
228	100		
226	24.5	28.2	42.2#
229	21.1	18.2	27.2

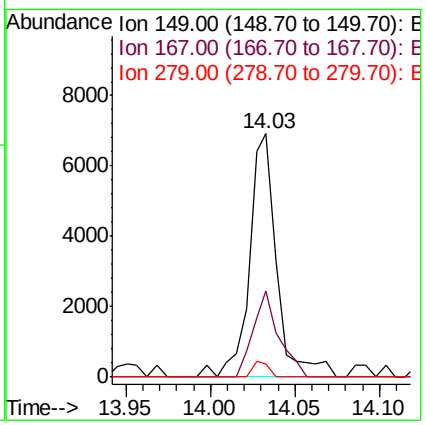


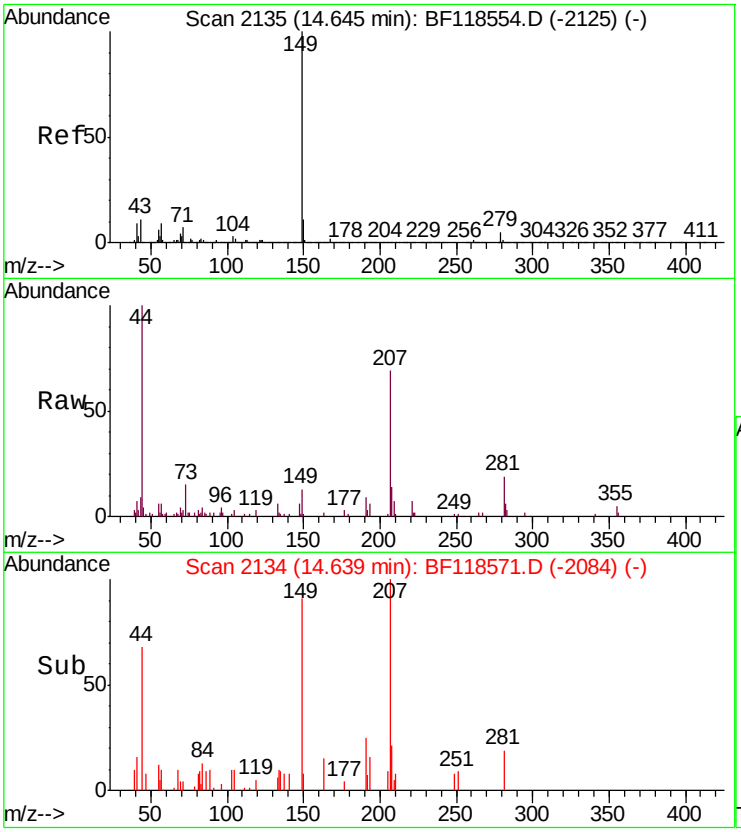


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.178 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:149 Resp: 7870

Ion	Ratio	Lower	Upper
149	100		
167	35.3	23.9	35.9
279	5.5	4.2	6.2



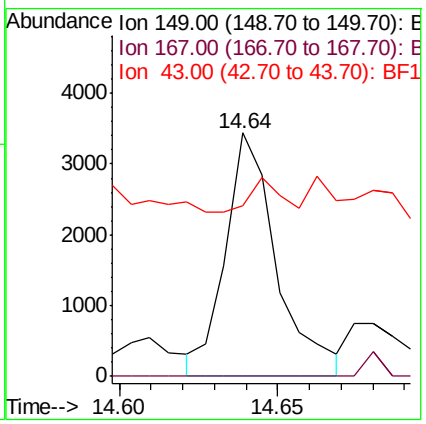


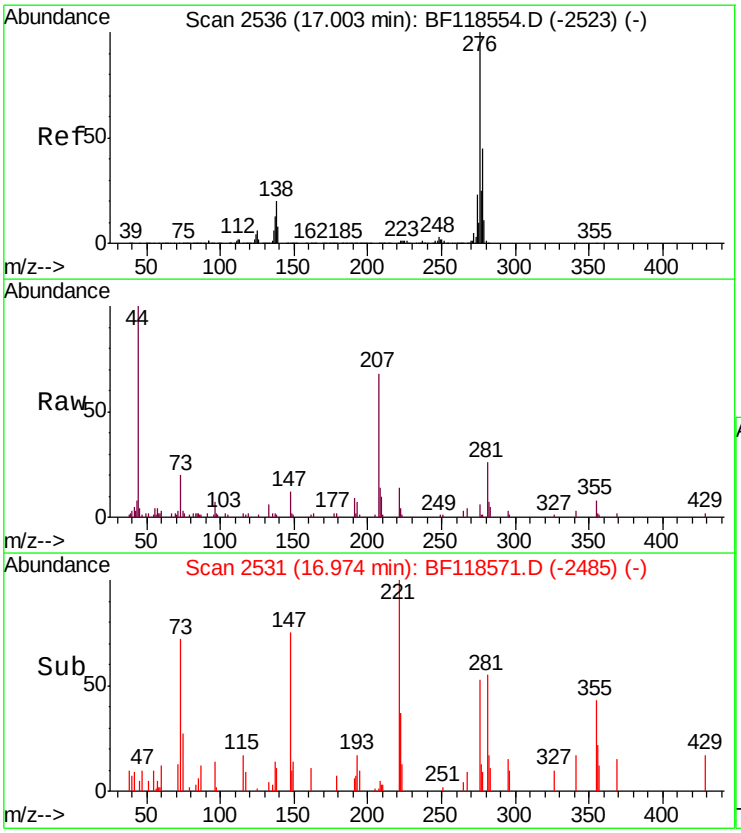
#85
Di-n-octyl phthalate
Concen: 0.057 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:149 Resp: 3838

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	0.0	8.9	13.3#

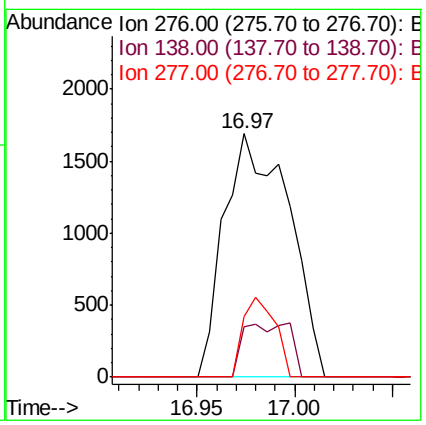


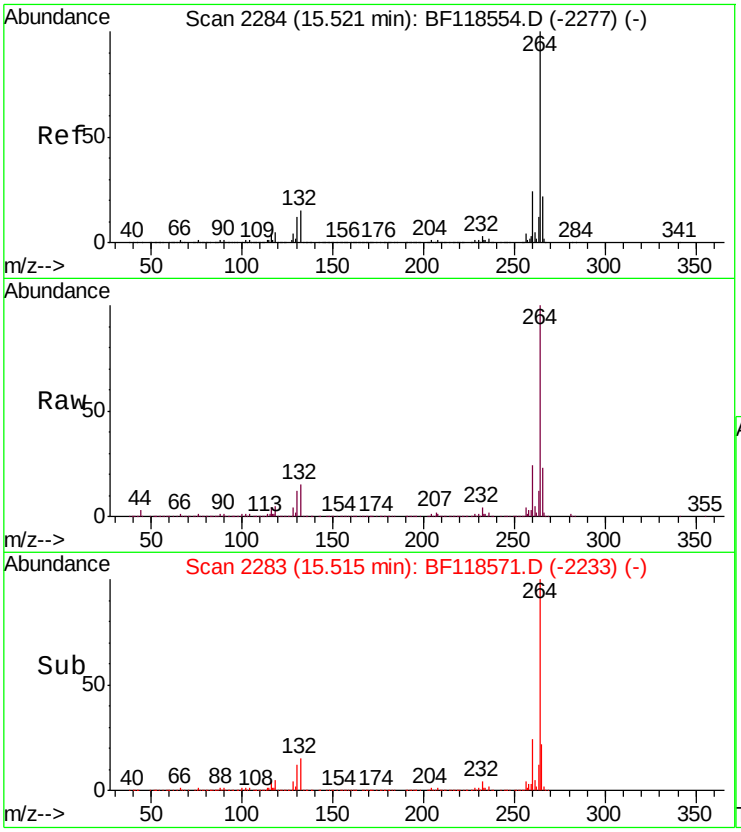


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:276 Resp: 3884

Ion	Ratio	Lower	Upper
276	100		
138	0.0	17.3	25.9#
277	16.2	20.5	30.7#



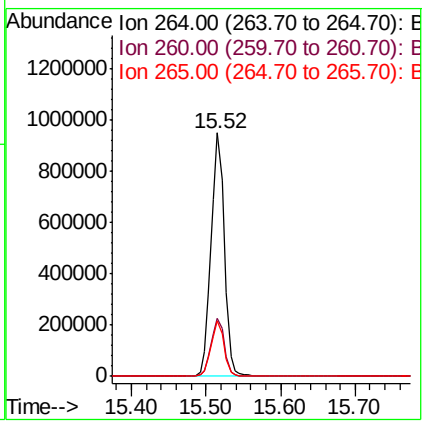


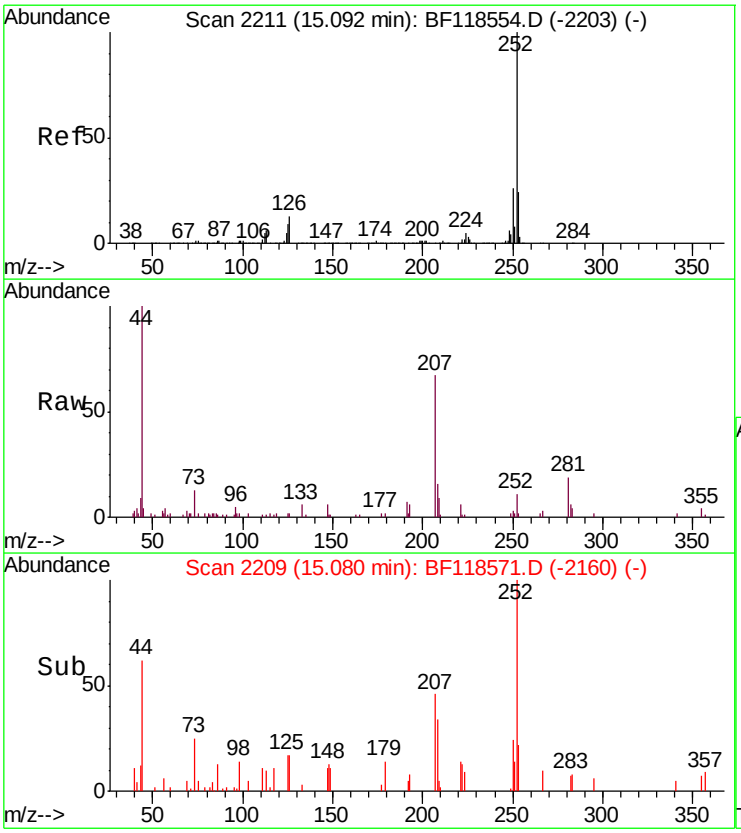
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:264 Resp: 1169929

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.5	17.6	26.4

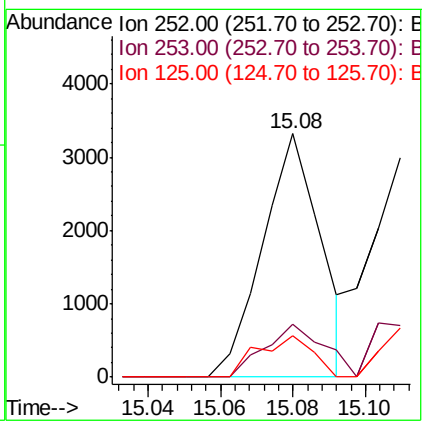


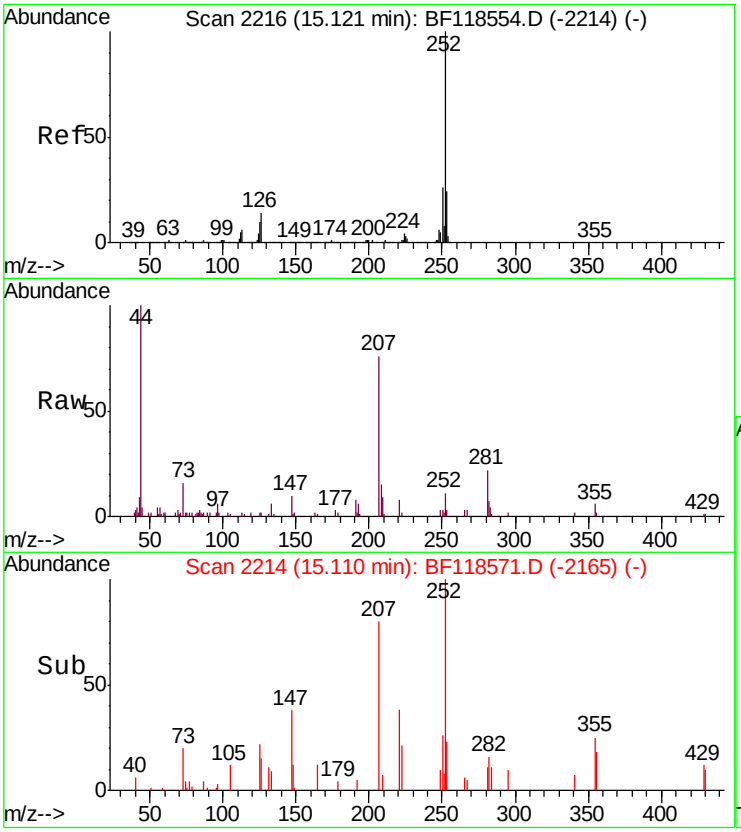


#88
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:252 Resp: 3693

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.1	28.7
125	16.8	7.5	11.3#



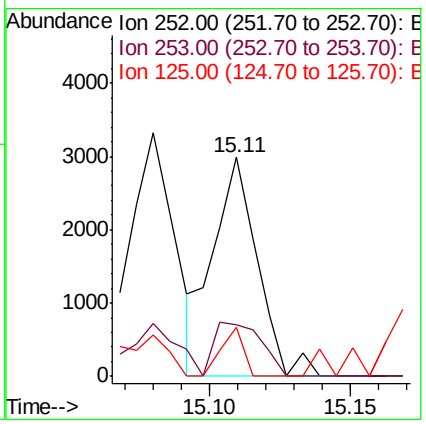


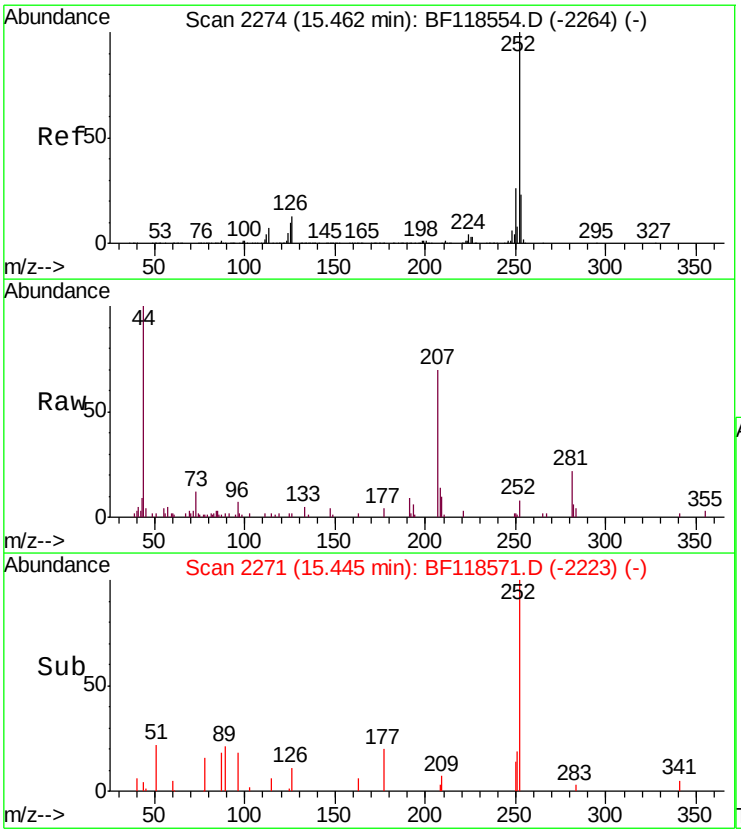
#89
Benzo(k)fluoranthene
Concen: 0.047 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:252 Resp: 3267

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	22.4	7.8	11.8#

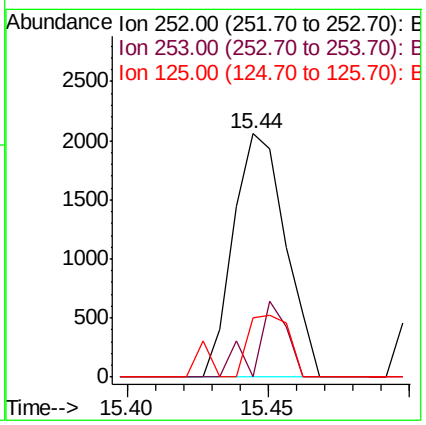


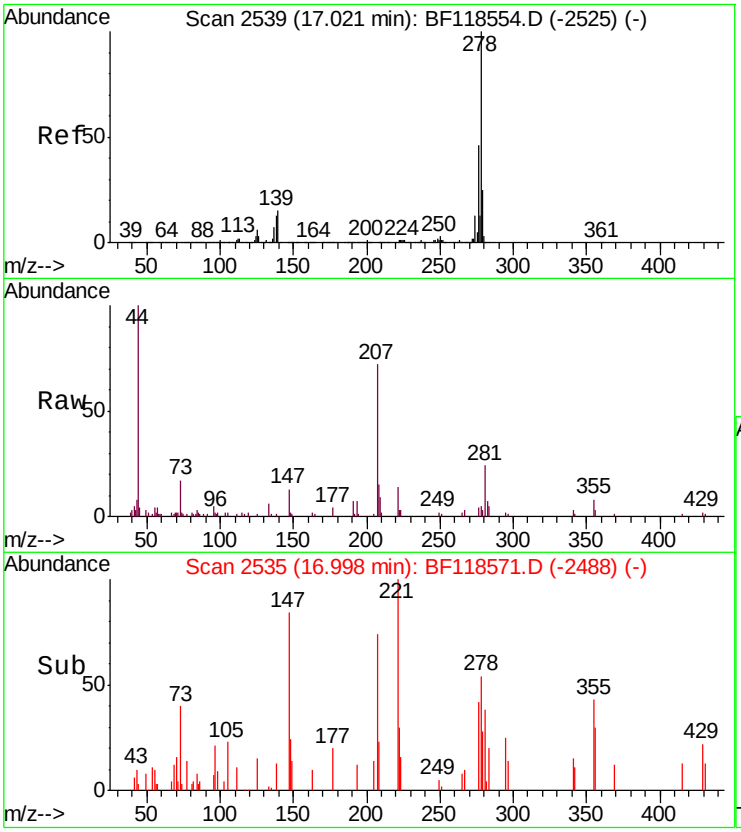


#90
Benzo(a)pyrene
Concen: 0.040 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:252 Resp: 2643

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	24.1	7.8	11.6#



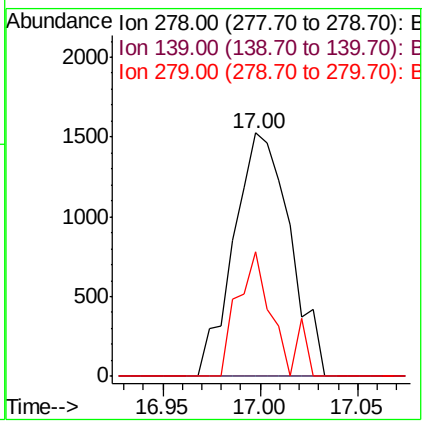


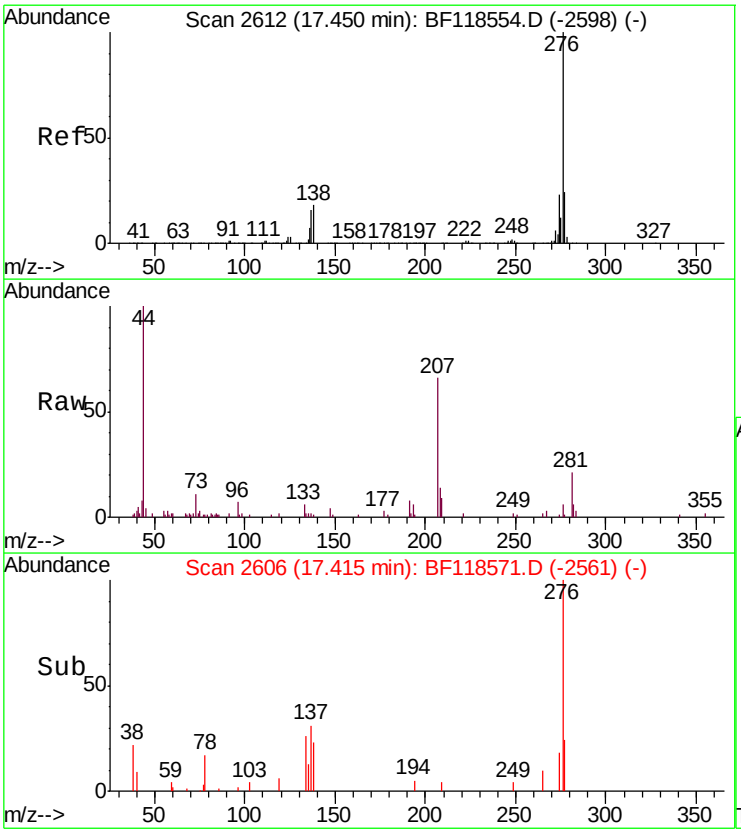
#91
Dibenzo(a,h)anthracene
Concen: 0.049 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Instrument :
BNA_F
ClientSampleId :
EO-02-011620

Tgt Ion:278 Resp: 3037

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	51.1	20.0	30.0#





#92
Benzo(g,h,i)perylene
Concen: 0.057 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF118571.D
Acq: 17 Jan 2020 21:22

Tgt Ion:276 Resp: 3382

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	23.5	14.7	22.1#