Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116477.D
Acq On : 23 Aug 2019 14:45
Operator : HP/JU
Sample : K4086-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-082019RE

Quant Time: Aug 23 16:40:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	6392	20.00	ng		0.00
21) Naphthalene-d8	8.43	136	143	20.00	ng		0.27
39) Acenaphthene-d10	10.23	164	670	20.00	ng		0.32
64) Phenanthrene-d10	11.76	188	370	20.00	ng		0.36
76) Chrysene-d12	14.45	240	2465	20.00	ng		0.42
87) Perylene-d12	15.99	264	908	20.00	ng		0.48
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	701024	1602.47	ng		0.00
7) Phenol-d6	6.50	99	1095942	2043.16	ng		0.00
23) Nitrobenzene-d5	7.44	82	710983	272012.91	ng		0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
79) Terphenyl-d14	13.34	244	762	5.77	ng		0.36
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	1202	3.354	ng	#	78
10) Phenol	6.52	94	16075	27.597	ng		92
15) Benzyl Alcohol	7.04	79	13732	31.634	ng	#	46
18) Hexachloroethane	7.42	117	436	2.338	ng	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	99249	271.161	ng	#	77
20) 3+4-Methylphenols	7.27	107	1872	4.018	ng	#	72
22) Acetophenone	7.53	105	600	167.795	ng	#	55
24) Nitrobenzene	7.72	77	120	44.332	ng	#	38
25) Isophorone	7.97	82	932	180.940	ng	#	1
27) 2,4-Dimethylphenol	7.94	122	268	129.907	ng	#	64
28) bis(2-Chloroethoxy)methane	8.18	93	829	260.613	ng	#	1
29) 2,4-Dichlorophenol	8.33	162	804	409.798	ng	#	25
31) Naphthalene	8.18	128	10811	1562.801	ng		98
32) Benzoic acid	7.94	122	268	203.203	ng	#	46
33) 4-Chloroaniline	8.55	127	281	92.530	ng	#	1
35) Caprolactam	8.87	113	128	187.300	ng	#	1
36) 4-Chloro-3-methylphenol	9.00	107	570	257.489	ng	#	22
37) 2-Methylnaphthalene	9.23	142	675	142.112	ng	#	1
38) 1-Methylnaphthalene	9.23	142	675	152.132	ng	#	66
43) 2,4,6-Trichlorophenol	9.35	196	134	10.622	ng	#	11
44) 2,4,5-Trichlorophenol	9.35	196	134	10.439	ng	#	1
46) 1,1'-Biphenyl	9.63	154	3113	58.114	ng	#	41
47) 2-Chloronaphthalene	9.63	162	146	3.516	ng	#	1
48) 2-Nitroaniline	9.75	65	137	10.774	ng	#	53
49) Acenaphthylene	10.06	152	839	13.809	ng	#	1
51) 2,6-Dinitrotoluene	10.02	165	491	51.316	ng	#	87
52) Acenaphthene	10.26	154	728	18.673	ng	#	1
53) 3-Nitroaniline	10.19	138	749	65.671	ng	#	56
54) 2,4-Dinitrophenol	10.32	184	605	152.908	ng	#	38
55) Dibenzofuran	10.47	168	603	11.095	ng	#	1
56) 4-Nitrophenol	10.32	139	742	83.701	ng	#	1
57) 2,4-Dinitrotoluene	10.41	165	3113	255.684	ng	#	49
58) Fluorene	10.78	166	413	9.781	ng	#	1
59) 2,3,4,6-Tetrachlorophenol	10.58	232	172	16.318	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116477.D
Acq On : 23 Aug 2019 14:45
Operator : HP/JU
Sample : K4086-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-082019RE

Quant Time: Aug 23 16:40:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Diethylphthalate	10.62	149	490	10.665	ng	#	38
61) 4-Chlorophenyl-phenylether	10.79	204	524	25.438	ng	#	1
62) 4-Nitroaniline	10.66	138	601	53.878	ng		91
63) Azobenzene	10.95	77	1542	32.641	ng	#	40
65) 4,6-Dinitro-2-methylphenol	10.82	198	1608	912.192	ng	#	1
66) n-Nitrosodiphenylamine	10.90	169	6305	526.272	ng	#	45
67) 4-Bromophenyl-phenylether	11.31	248	116	29.904	ng	#	1
69) Atrazine	11.38	200	4071	1134.120	ng	#	64
70) Pentachlorophenol	11.76	266	112	44.744	ng	#	1
71) Phenanthrene	11.81	178	1377	68.317	ng	#	1
72) Anthracene	11.81	178	1377	67.986	ng	#	1
73) Carbazole	12.00	167	787	43.288	ng	#	1
74) Di-n-butylphthalate	12.49	149	57873	2568.892	ng	#	1
75) Fluoranthene	12.84	202	412670	19803.120	ng		97
77) Benzidine	13.07	184	556	5.606	ng	#	1
78) Pyrene	13.22	202	1273	6.458	ng	#	1
80) Butylbenzylphthalate	13.90	149	10055	118.108	ng	#	83
81) Benzo(a)anthracene	14.45	228	1084	6.790	ng	#	1
82) 3,3'-Dichlorobenzidine	14.39	252	1478	25.978	ng	#	9
83) Chrysene	14.49	228	1327	8.201	ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.43	149	407	3.585	ng	#	59
85) Di-n-octyl phthalate	15.10	149	11118	57.688	ng	#	76
86) Indeno(1,2,3-cd)pyrene	17.43	276	120689	870.689	ng	#	93
88) Benzo(b)fluoranthene	15.44	252	212186	3782.820	ng		95
89) Benzo(k)fluoranthene	15.53	252	53857	1059.835	ng	#	68
90) Benzo(a)pyrene	15.94	252	874	17.630	ng	#	1
91) Dibenzo(a,h)anthracene	17.54	278	2424	59.505	ng	#	1
92) Benzo(g,h,i)perylene	17.93	276	634	16.325	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116477.D
Acq On : 23 Aug 2019 14:45
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Sample : K4086-01RE
Misc :
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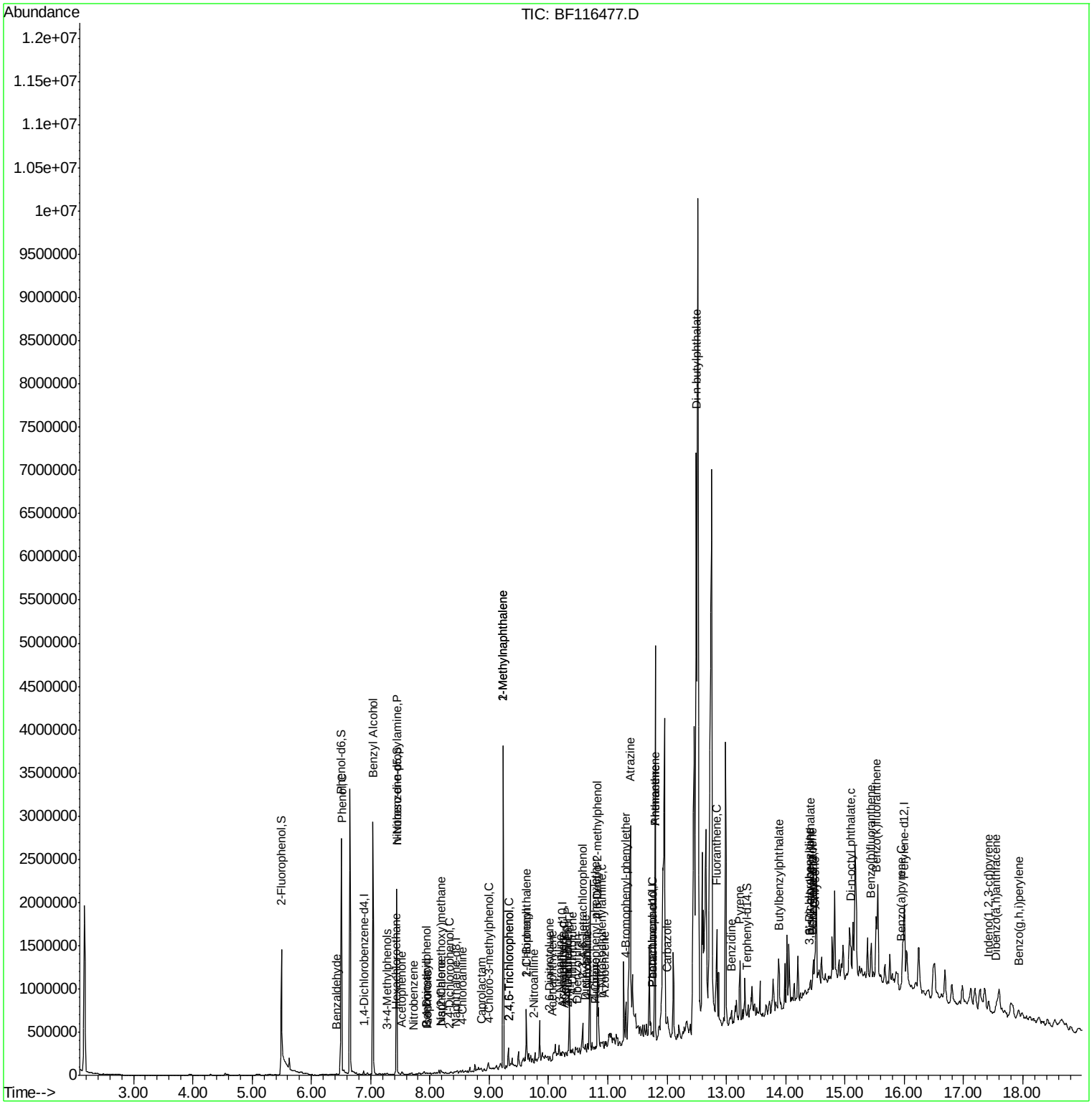
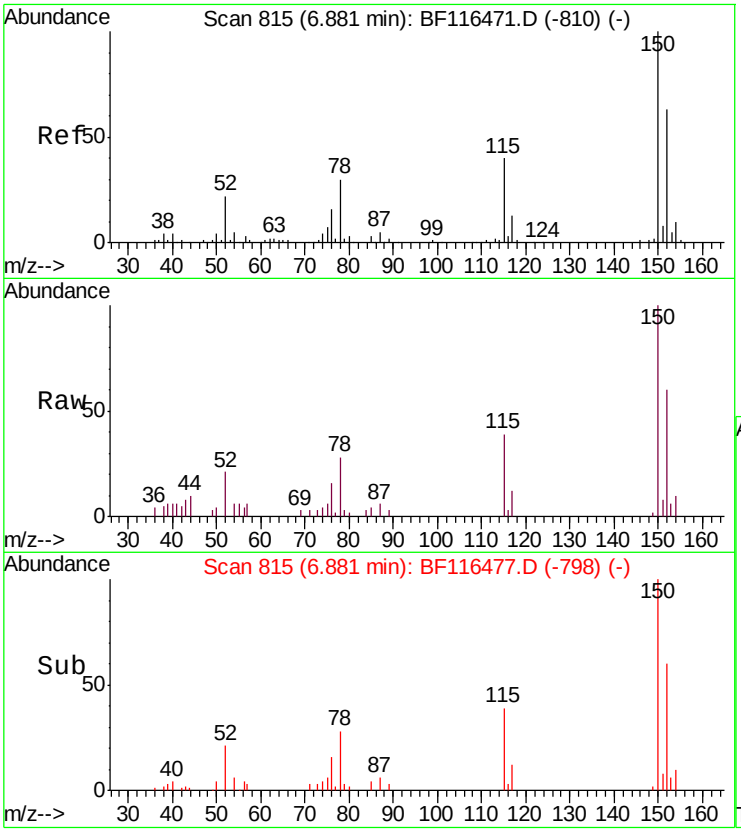
Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Quant Time: Aug 23 16:40:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



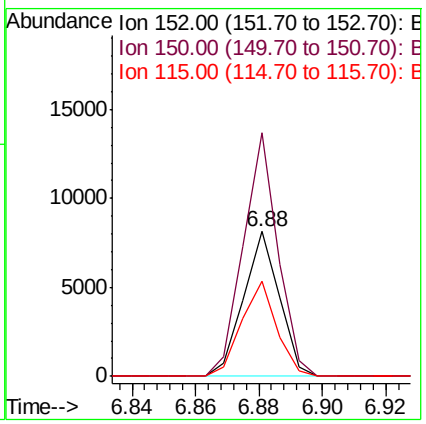


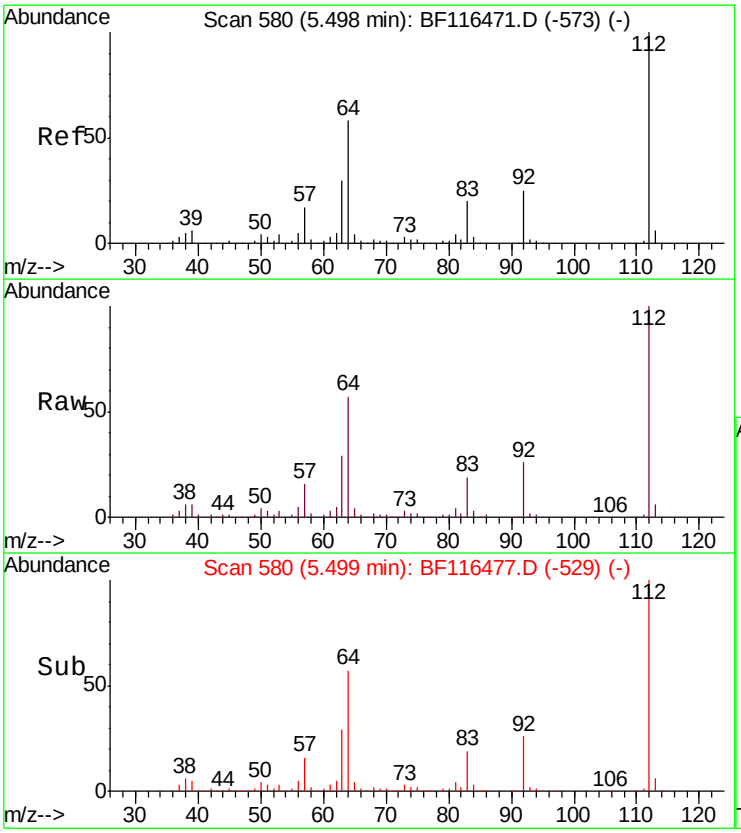
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:152 Resp: 6392

Ion	Ratio	Lower	Upper
152	100		
150	168.0	126.7	190.1
115	65.5	50.9	76.3

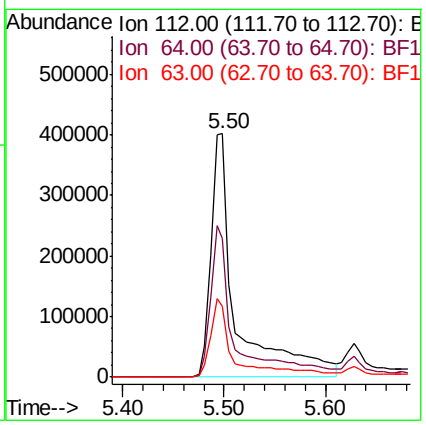


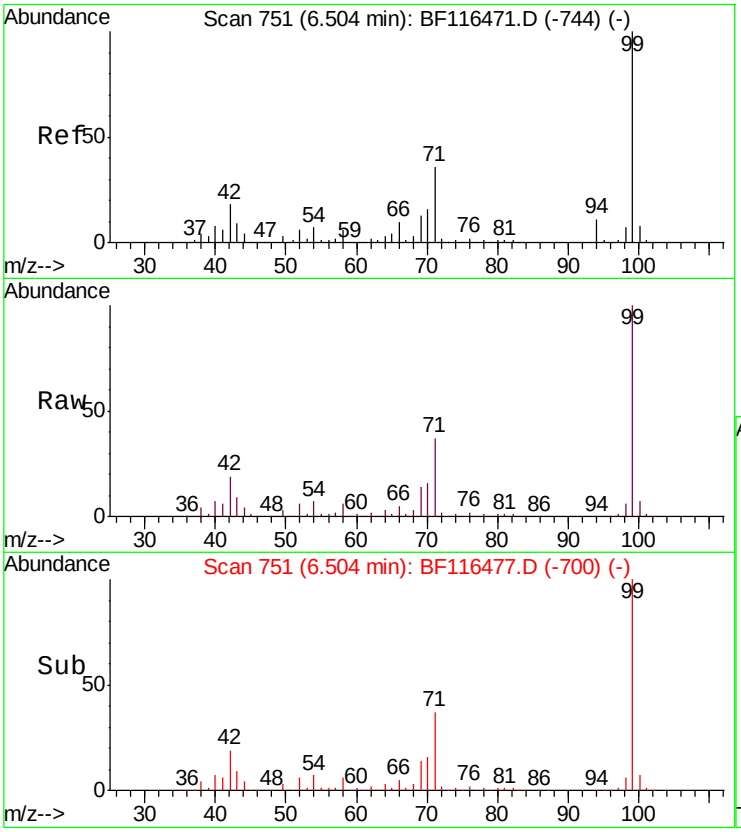


#5
2-Fluorophenol
Concen: 1602.469 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:112 Resp: 701024

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.3	69.5
63	29.1	24.2	36.4



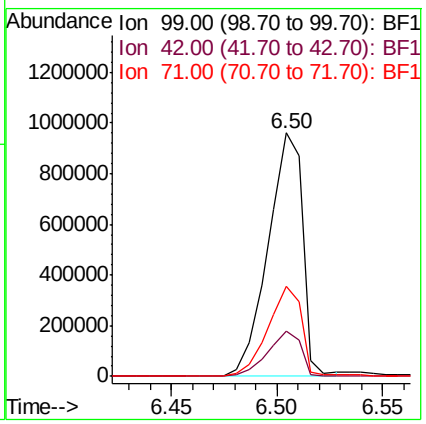


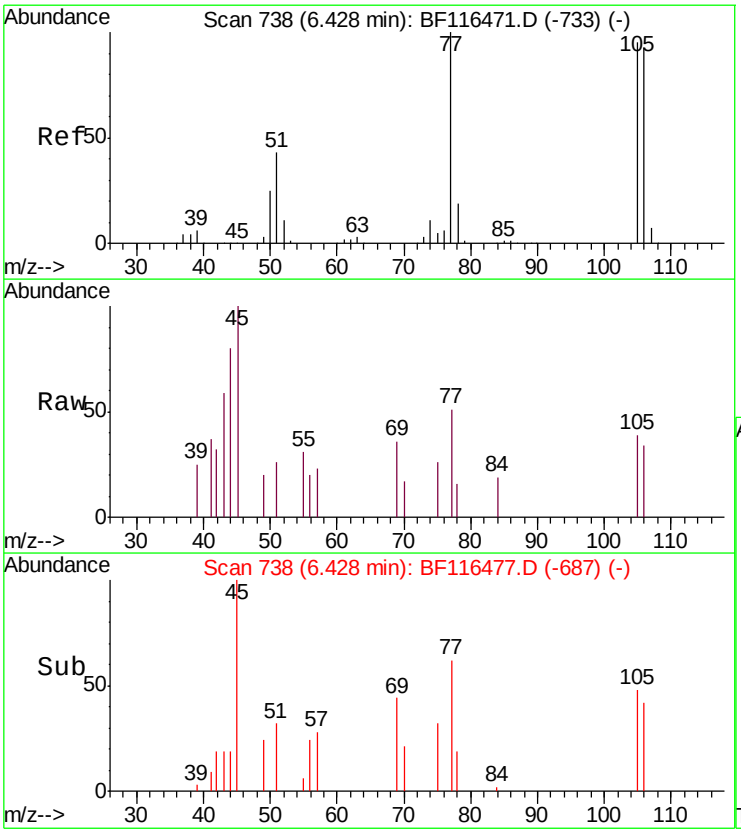
#7
Phenol-d6
Concen: 2043.157 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion: 99 Resp: 1095942

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	21.8
71	37.0	28.5	42.7

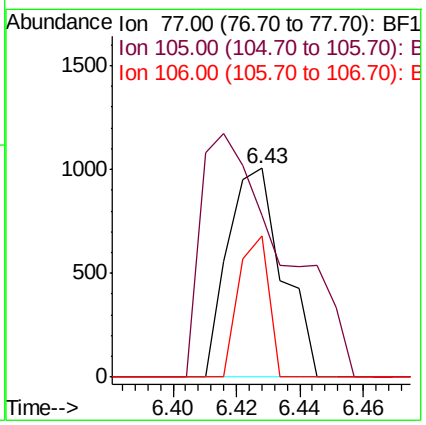


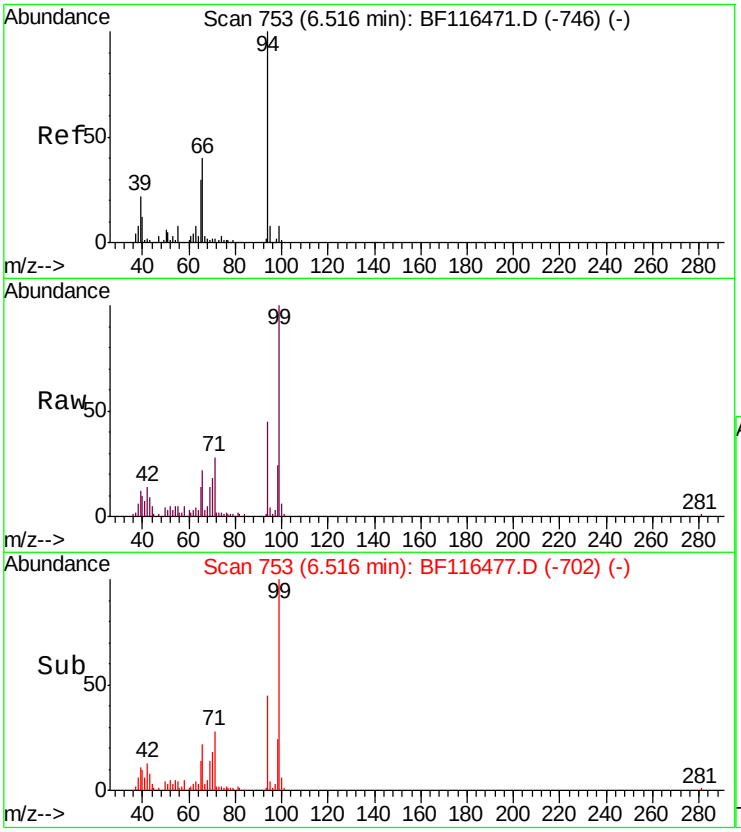


#9
Benzaldehyde
Concen: 3.354 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 77 Resp: 1202

Ion	Ratio	Lower	Upper
77	100		
105	77.5	75.5	115.5
106	67.8	73.2	113.2#



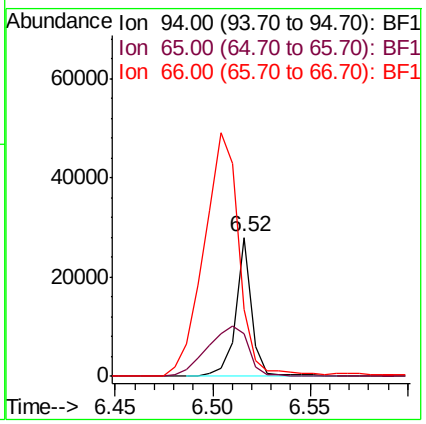


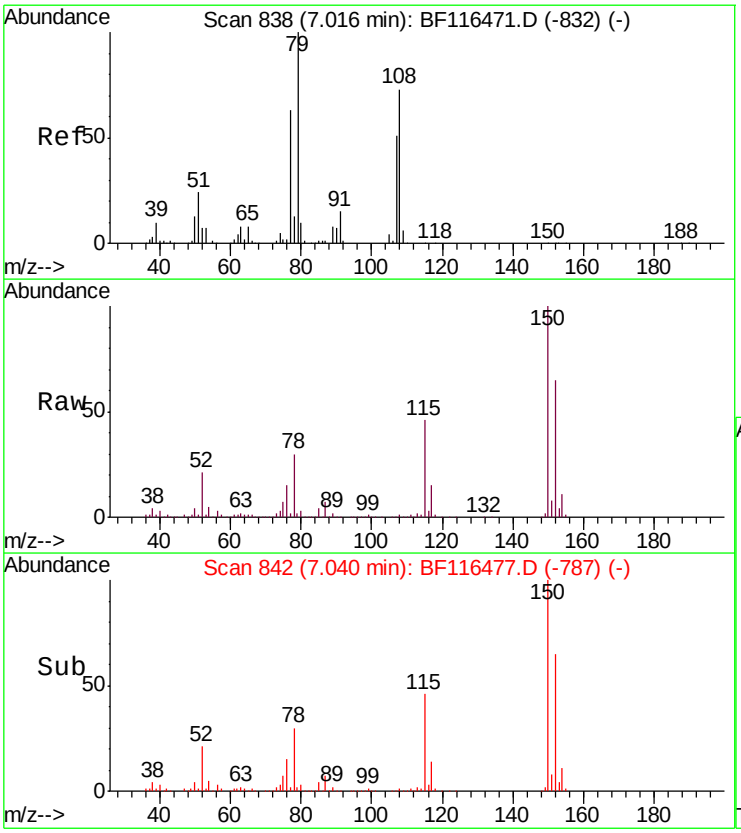
#10
Phenol
Concen: 27.597 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion: 94 Resp: 16075

Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.0	50.0
66	47.8	19.8	59.8

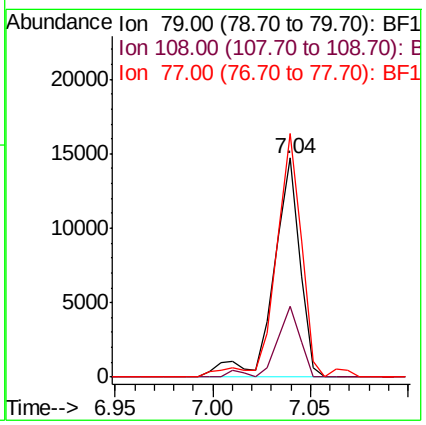


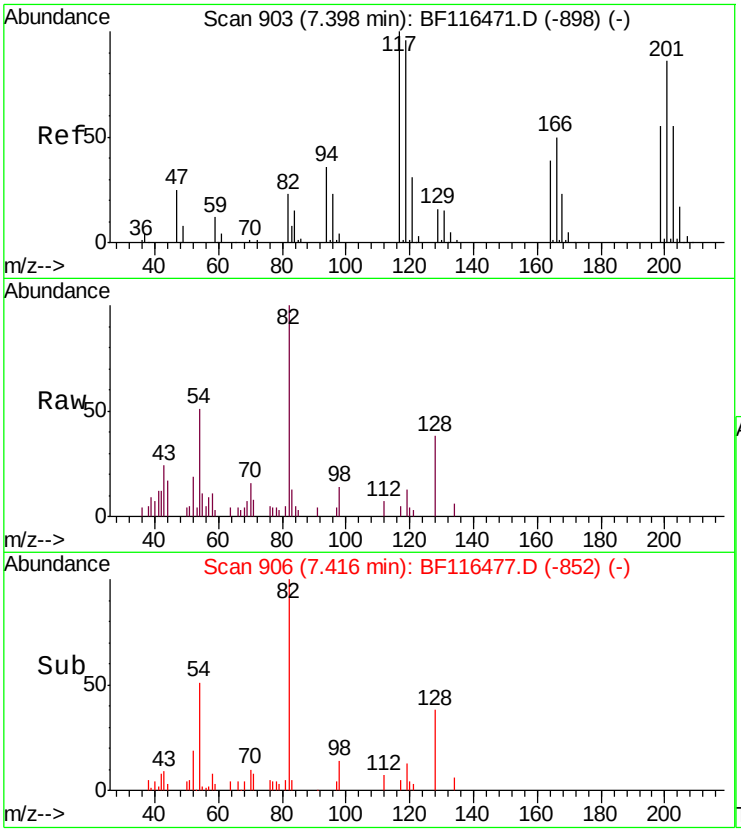


#15
Benzyl Alcohol
Concen: 31.634 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.02 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 79 Resp: 13732

Ion	Ratio	Lower	Upper
79	100		
108	32.5	58.1	87.1#
77	111.2	50.6	76.0#



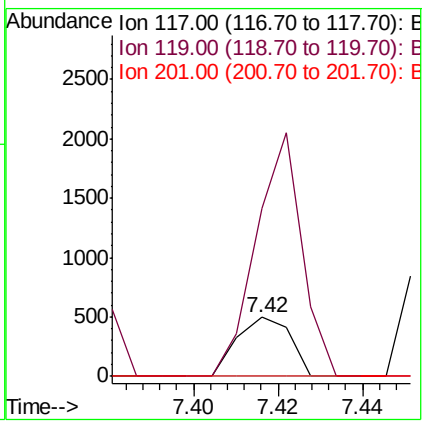


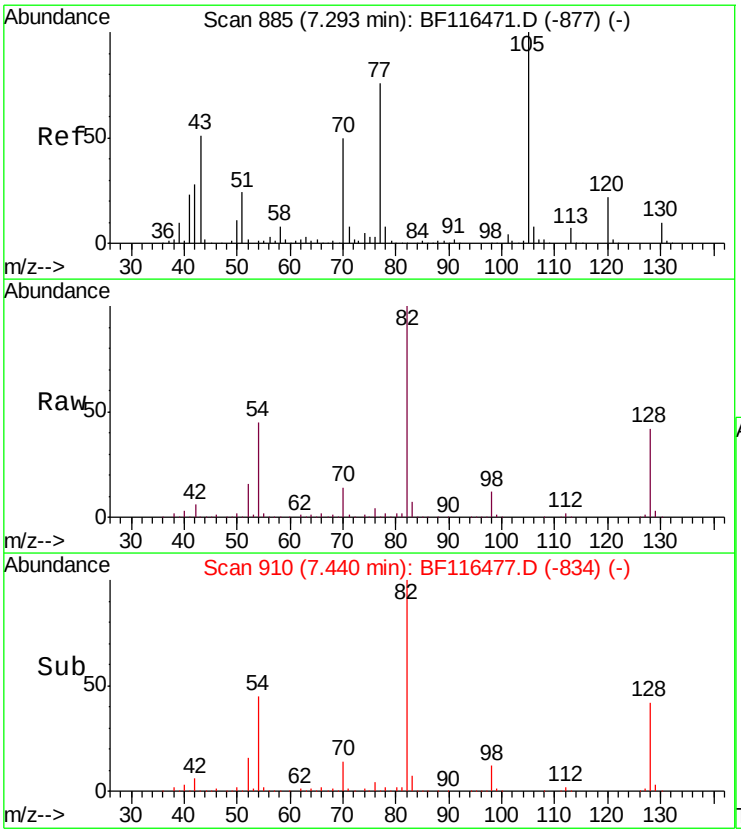
#18
Hexachloroethane
Concen: 2.338 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.02 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:117 Resp: 436

Ion	Ratio	Lower	Upper
117	100		
119	284.3	77.0	115.6#
201	0.0	69.1	103.7#

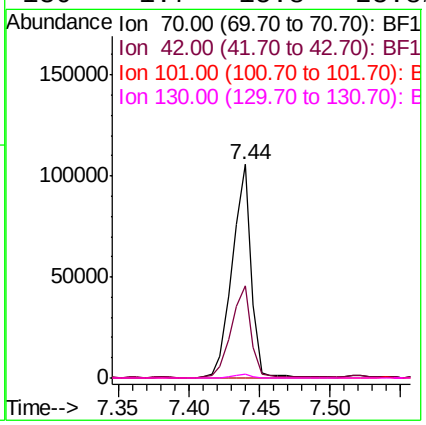


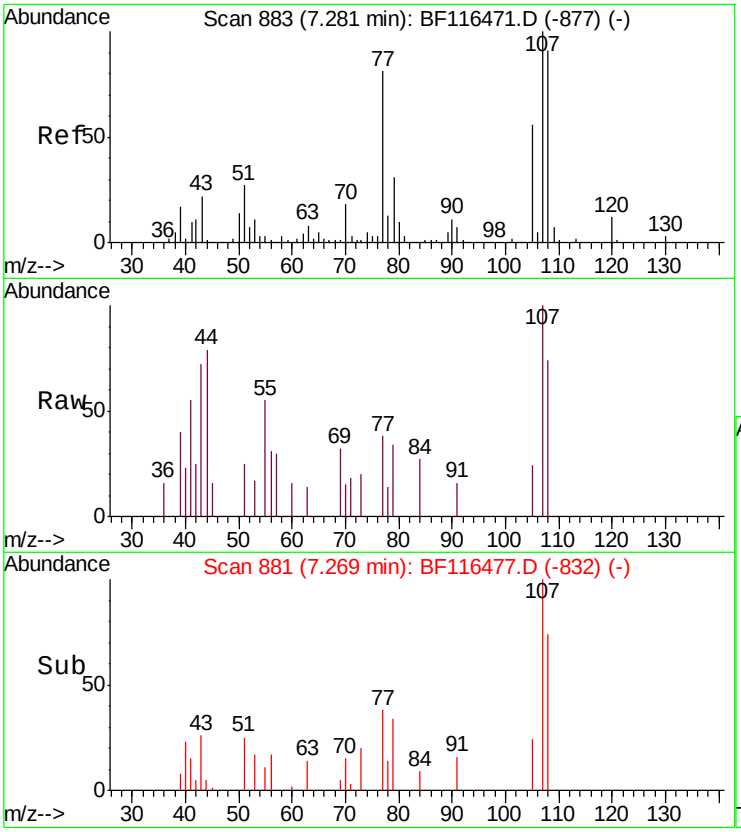


#19
n-Nitroso-di-n-propylamine
Concen: 271.161 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 70 Resp: 99249

Ion	Ratio	Lower	Upper
70	100		
42	43.4	44.4	66.6#
101	0.0	7.1	10.7#
130	1.7	15.8	23.8#



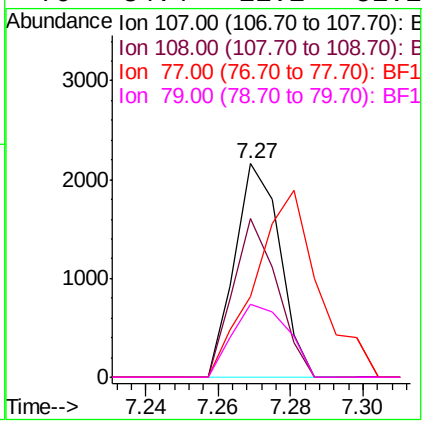


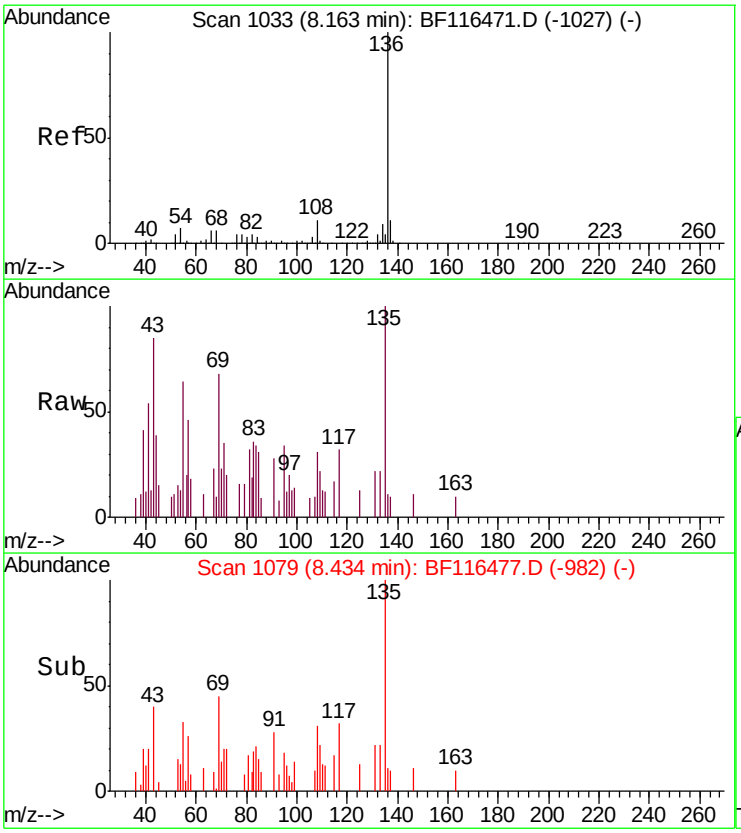
#20
3+4-Methylphenols
Concen: 4.018 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:107 Resp: 1872

Ion	Ratio	Lower	Upper
107	100		
108	74.1	70.7	110.7
77	37.9	60.6	100.6#
79	34.4	11.1	51.1

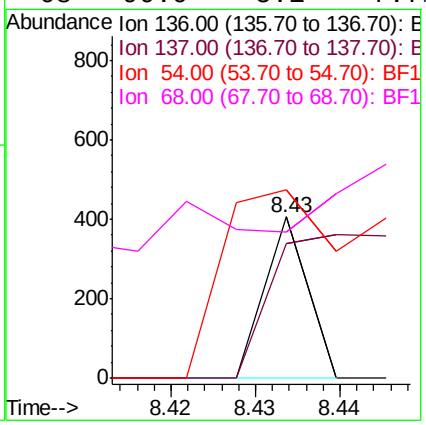


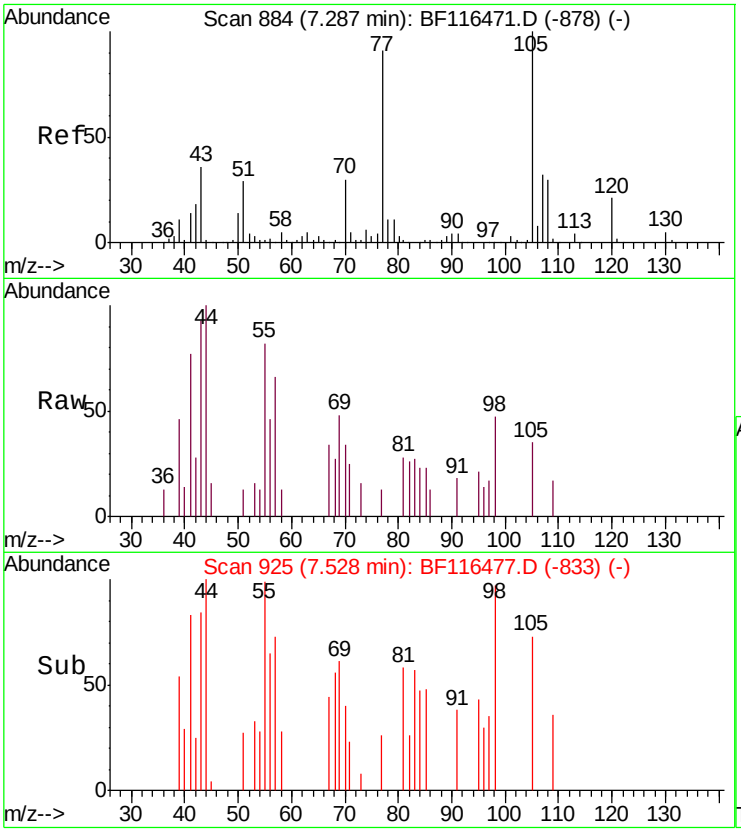


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.43 min Scan# 1079
Delta R.T. 0.27 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:136 Resp: 143

Ion	Ratio	Lower	Upper
136	100		
137	83.3	9.0	13.4#
54	116.7	5.8	8.6#
68	90.9	5.1	7.7#



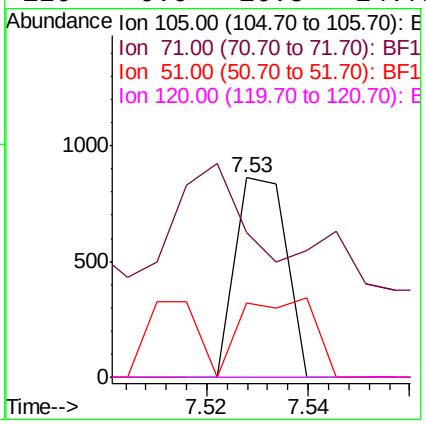


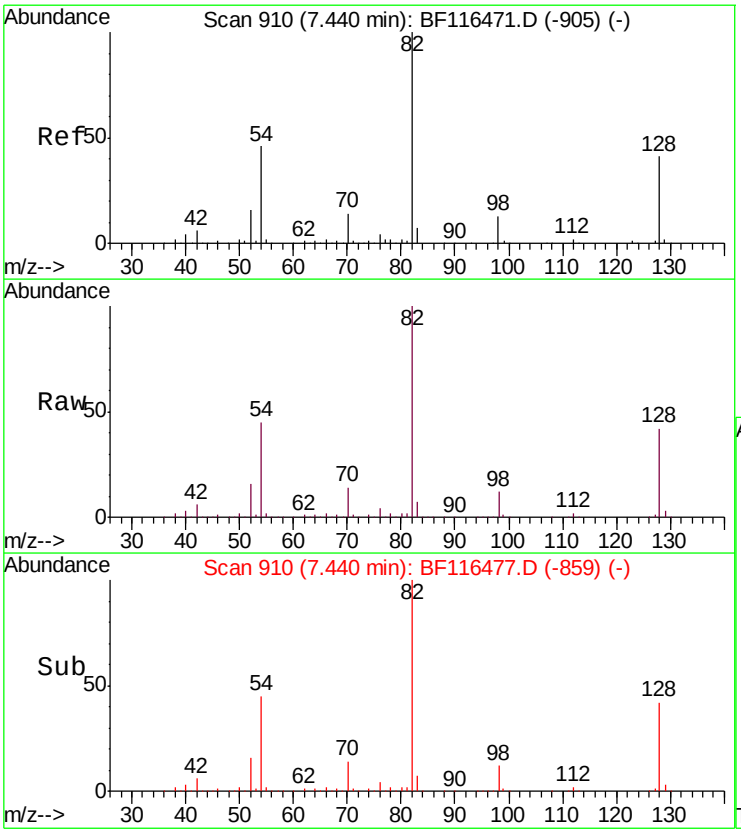
#22
Acetophenone
Concen: 167.795 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.24 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:105 Resp: 600

Ion	Ratio	Lower	Upper
105	100		
71	72.5	4.2	6.2#
51	37.5	23.0	34.4#
120	0.0	16.5	24.7#

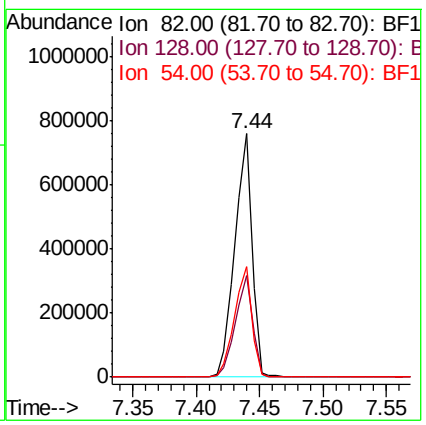


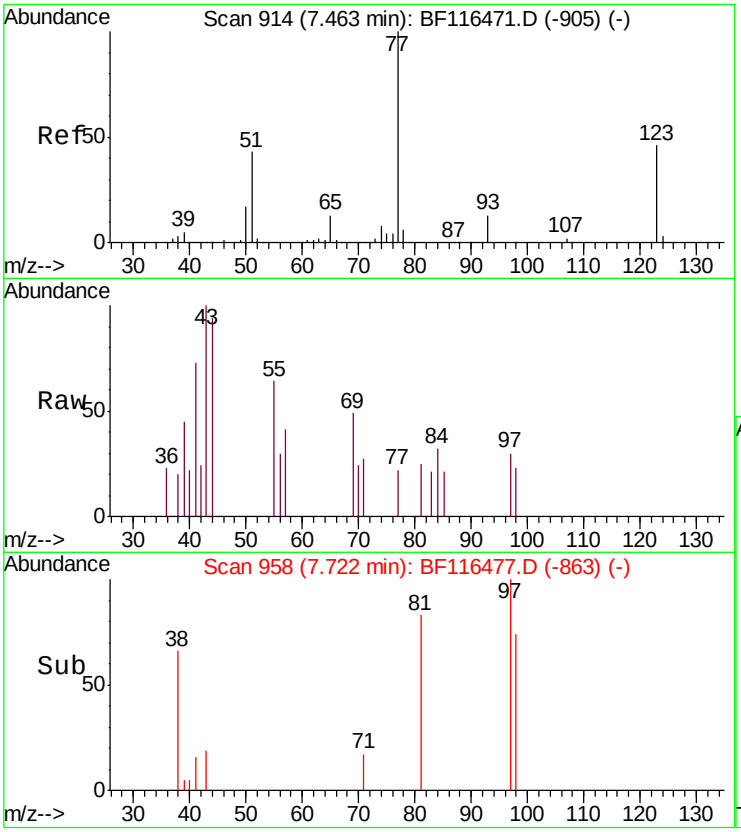


#23
Nitrobenzene-d5
Concen: 272012.914 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 82 Resp: 710983

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.2	48.4
54	45.2	36.5	54.7



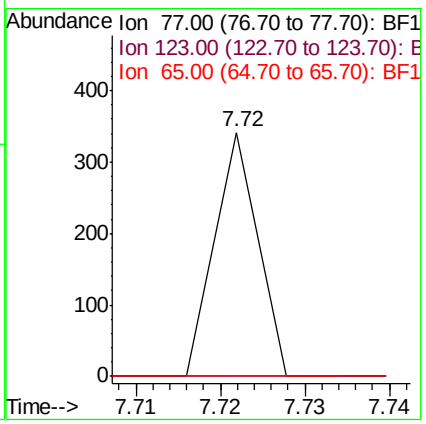


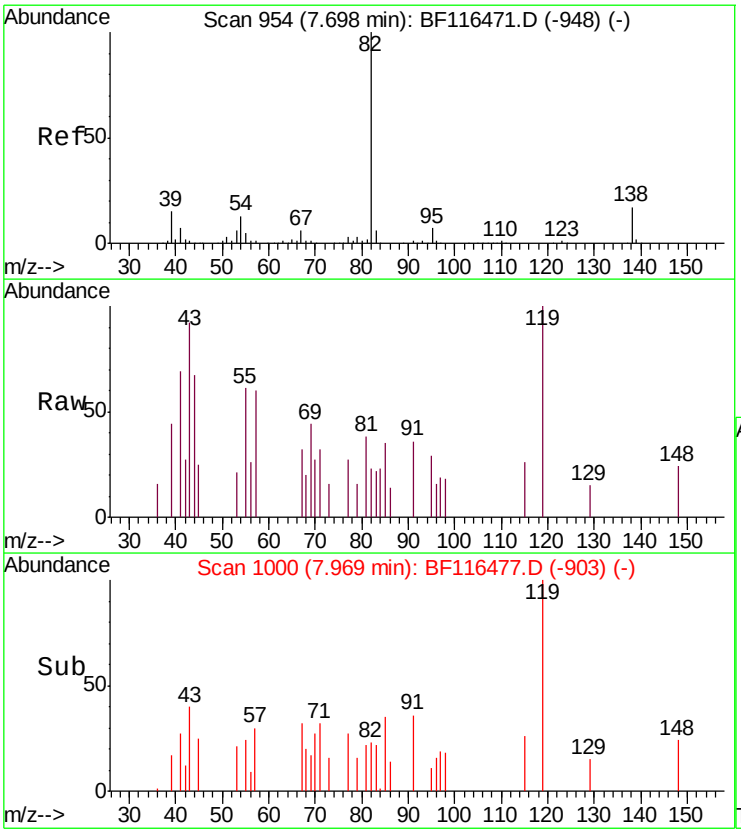
#24
Nitrobenzene
Concen: 44.332 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.26 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion: 77 Resp: 120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.0	55.4#
65	0.0	10.5	15.7#

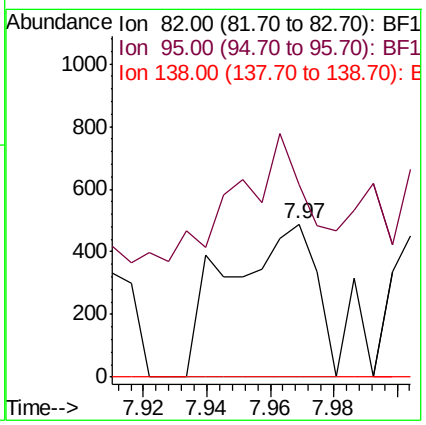


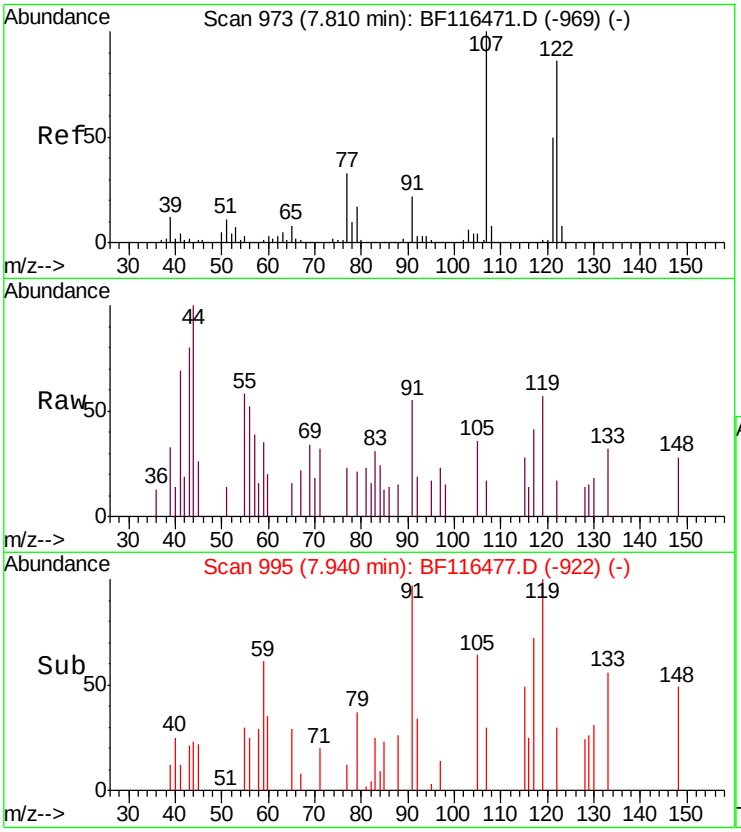


#25
Isophorone
Concen: 180.940 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.27 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 82 Resp: 932

Ion	Ratio	Lower	Upper
82	100		
95	125.8	5.3	7.9#
138	0.0	13.3	19.9#



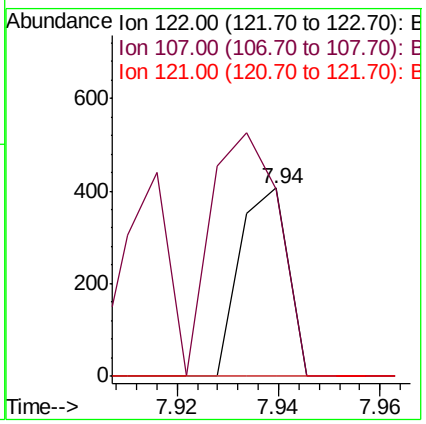


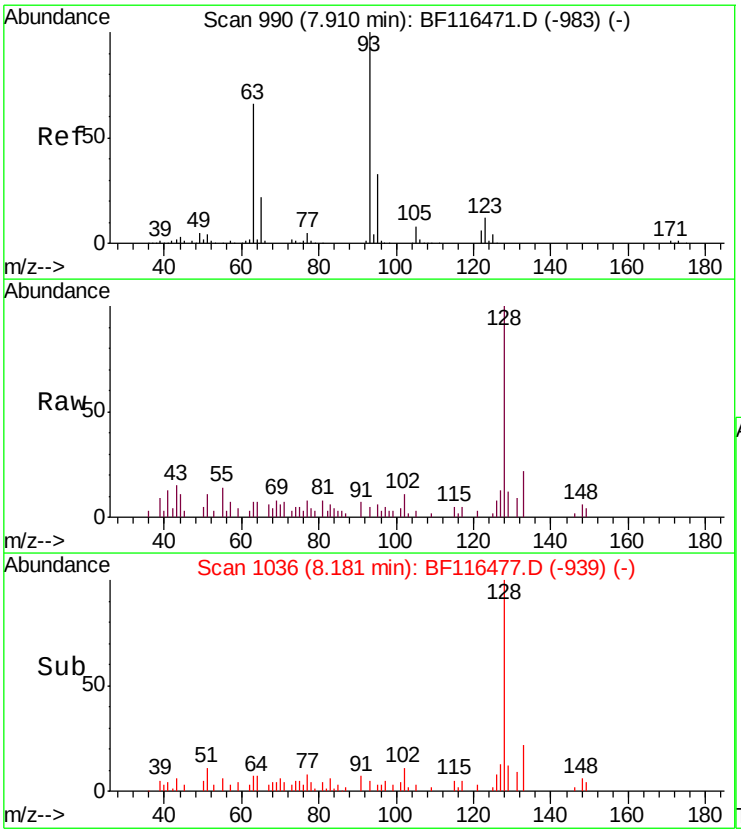
#27
2,4-Dimethylphenol
Concen: 129.907 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.13 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:122 Resp: 268

Ion	Ratio	Lower	Upper
122	100		
107	99.5	92.4	138.6
121	0.0	46.2	69.4#

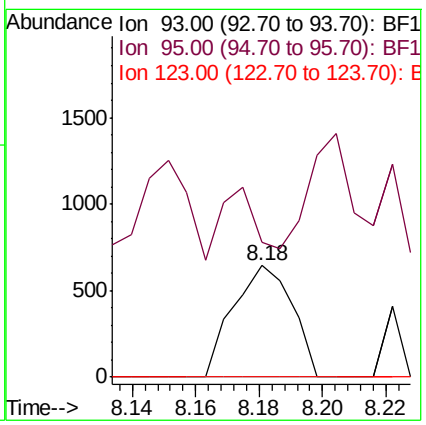


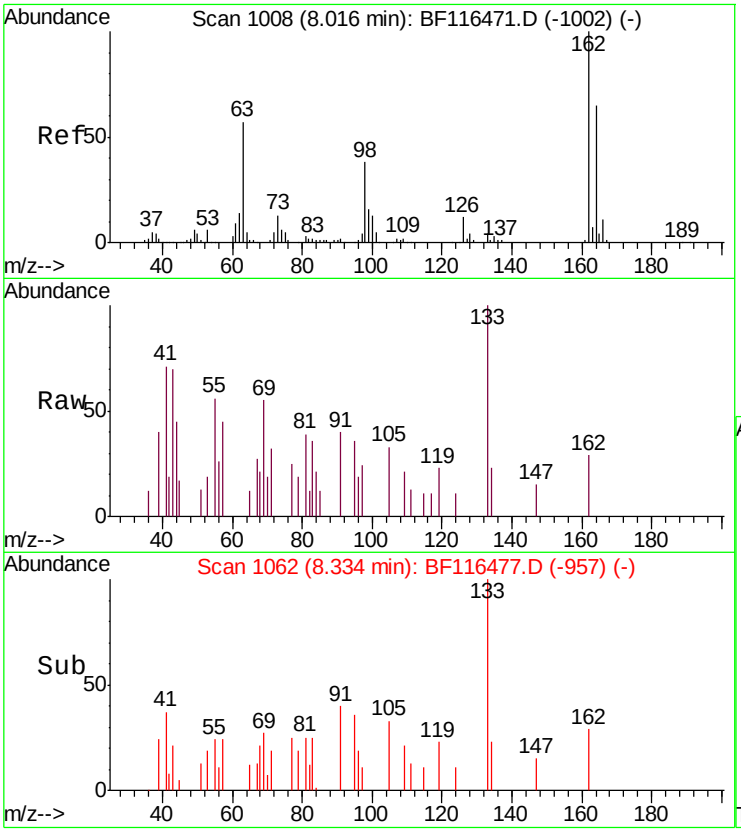


#28
bis(2-Chloroethoxy)methane
Concen: 260.613 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.27 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 93 Resp: 829

Ion	Ratio	Lower	Upper
93	100		
95	120.8	26.3	39.5#
123	0.0	9.8	14.6#



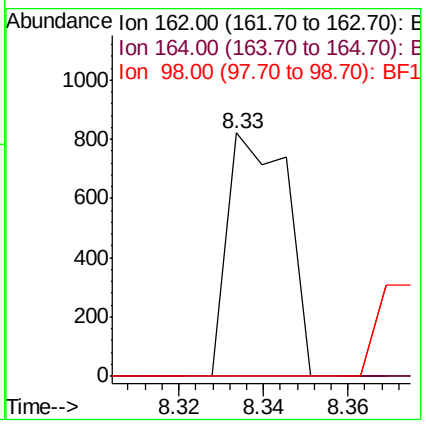


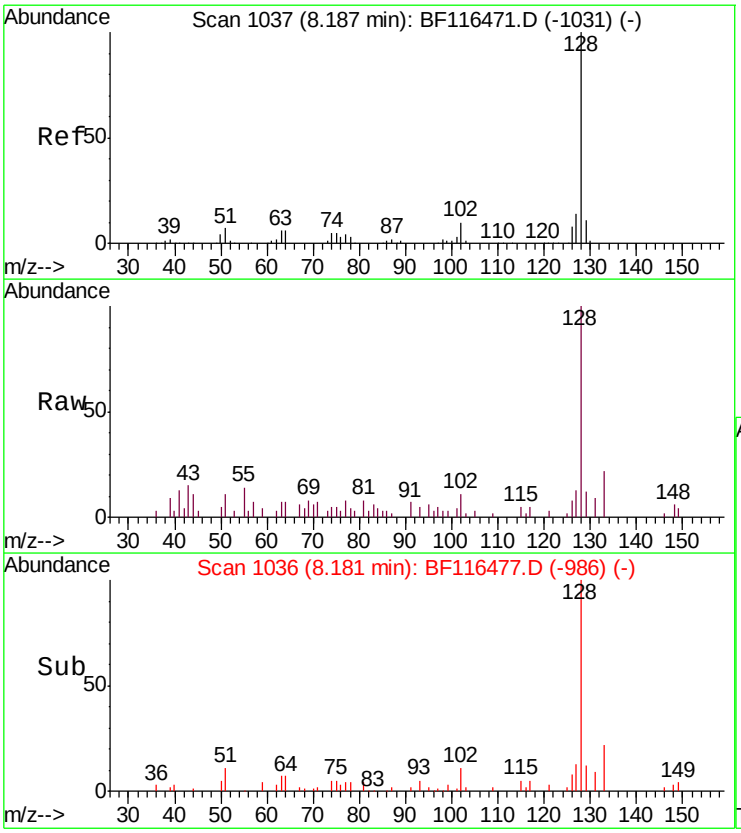
#29
2,4-Dichlorophenol
Concen: 409.798 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:162 Resp: 804

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.9	84.9#
98	0.0	17.9	57.9#

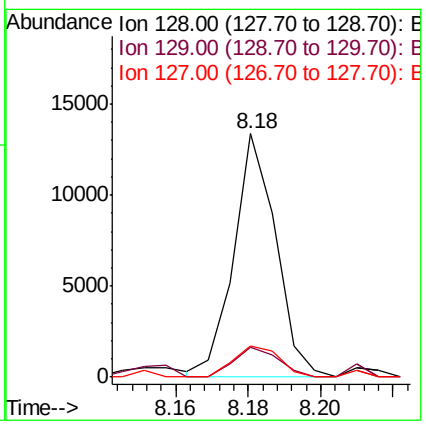


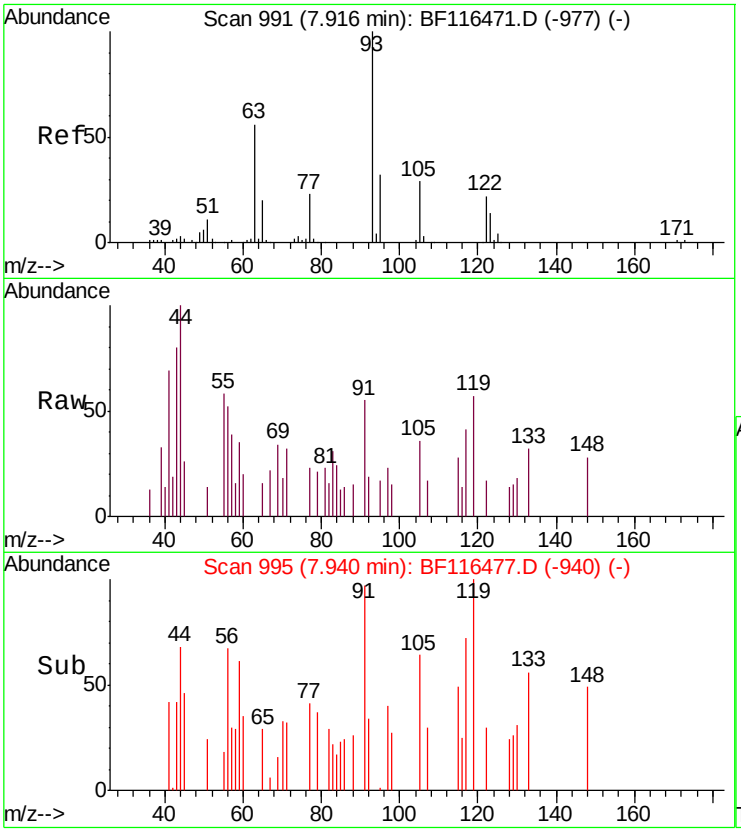


#31
Naphthalene
Concen: 1562.801 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:128 Resp: 10811

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	12.9	10.9	16.3



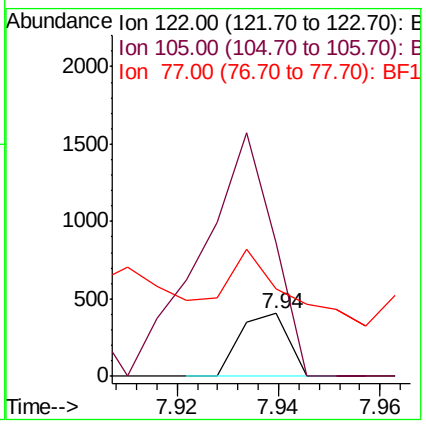


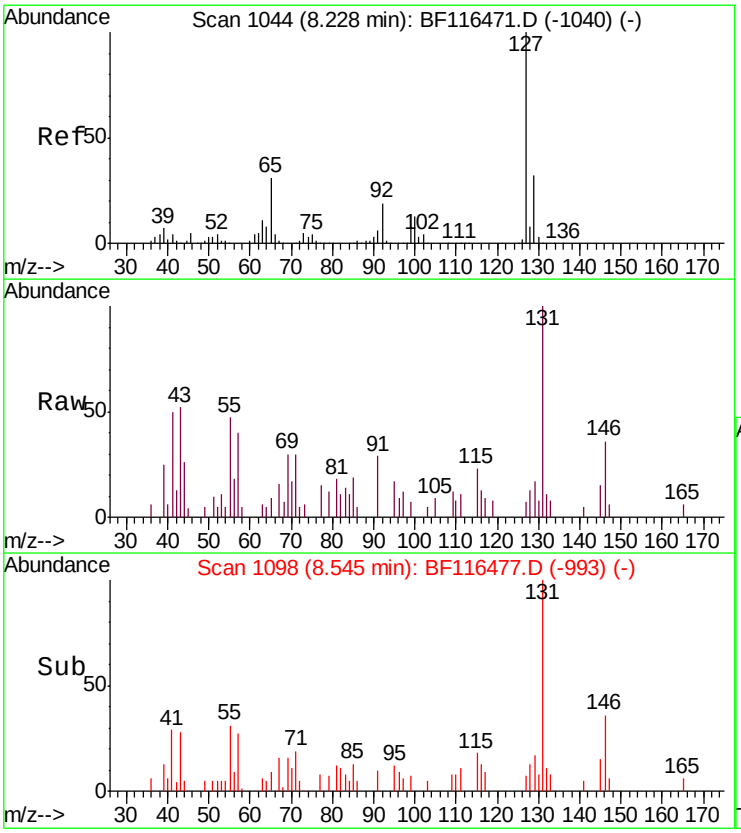
#32
Benzoic acid
Concen: 203.203 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:122 Resp: 268

Ion	Ratio	Lower	Upper
122	100		
105	212.8	109.9	149.9#
77	138.2	84.9	124.9#

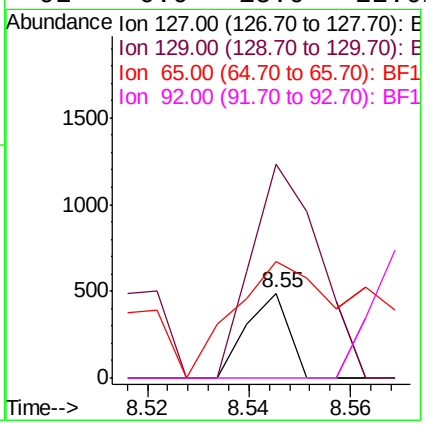


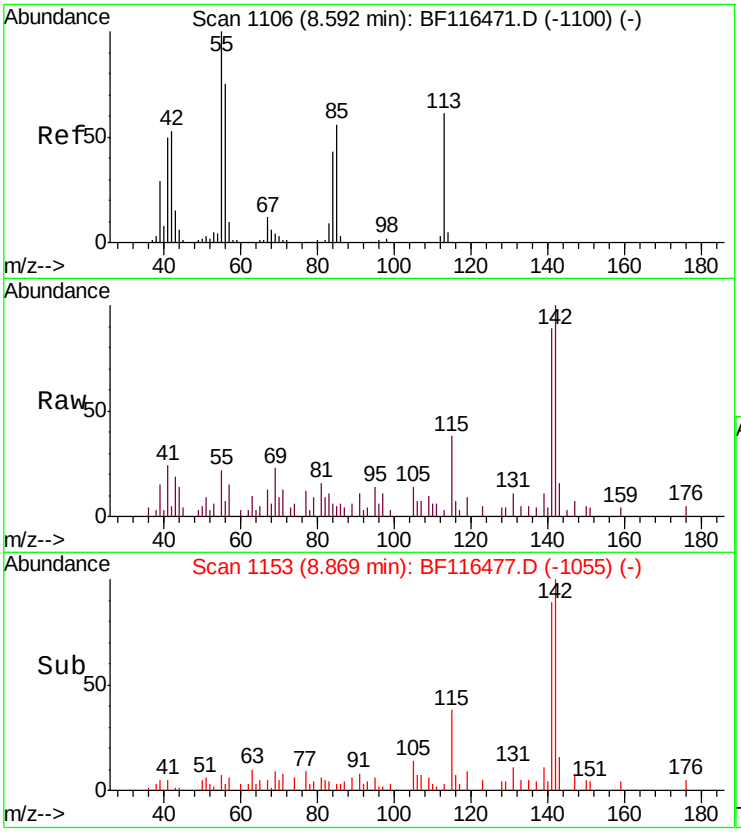


#33
4-Chloroaniline
Concen: 92.530 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:127 Resp: 281

Ion	Ratio	Lower	Upper
127	100		
129	251.9	25.7	38.5#
65	137.6	25.0	37.6#
92	0.0	15.0	22.6#



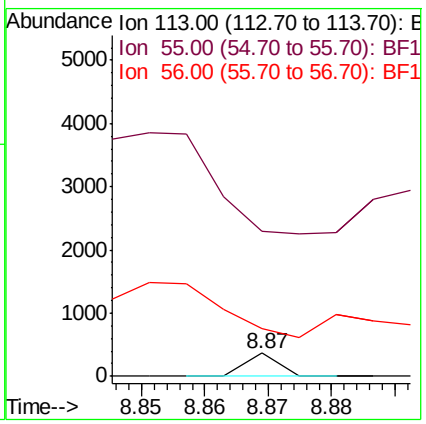


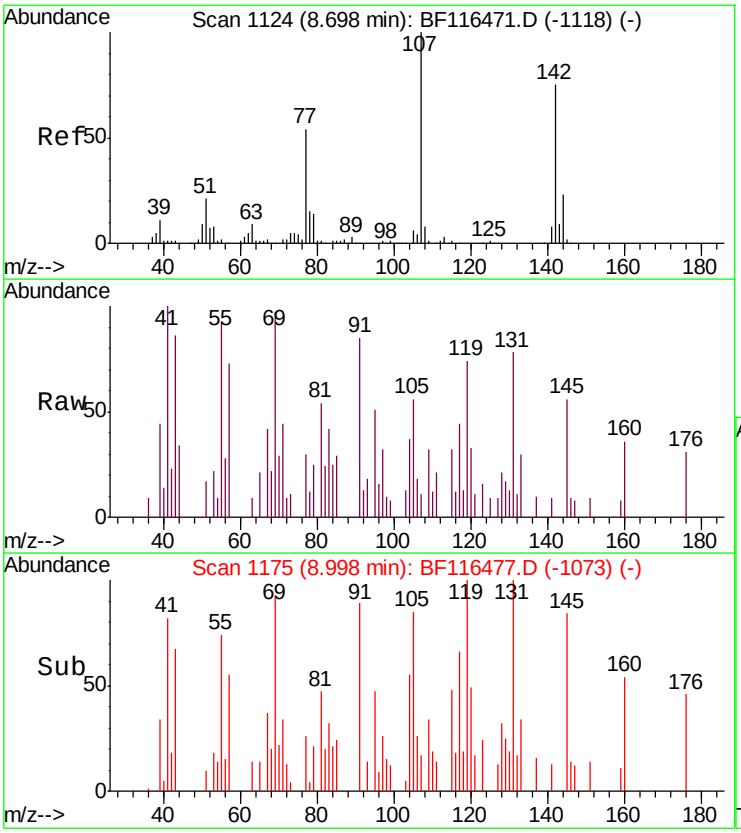
#35
Caprolactam
Concen: 187.300 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.28 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:113 Resp: 128

Ion	Ratio	Lower	Upper
113	100		
55	634.3	143.6	183.6#
56	211.3	102.3	142.3#

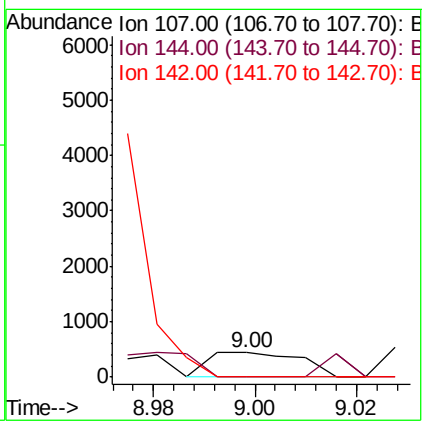


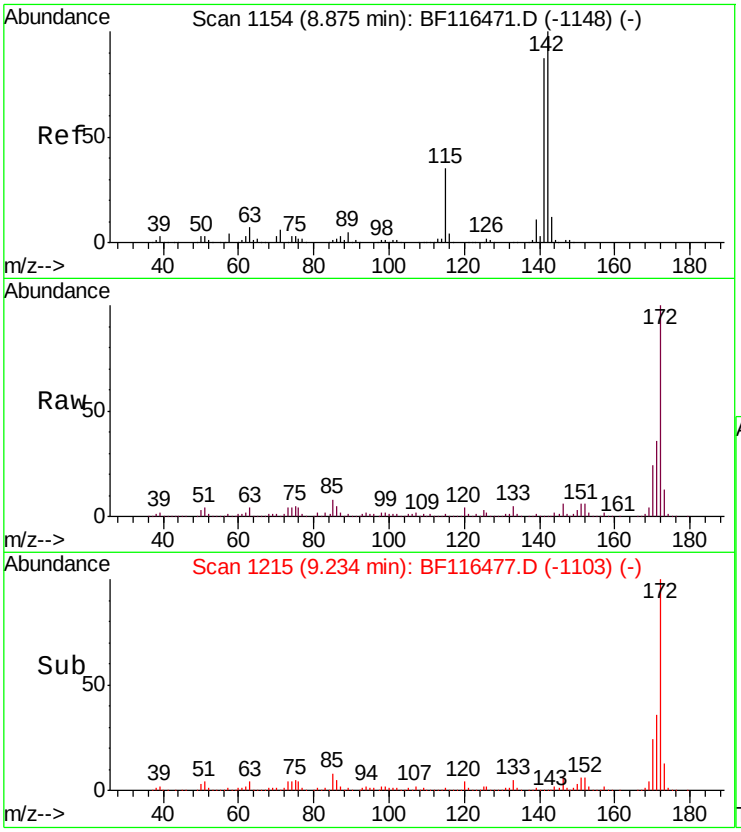


#36
4-Chloro-3-methylphenol
Concen: 257.489 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.30 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:107 Resp: 570

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.8	28.2#
142	0.0	59.8	89.6#



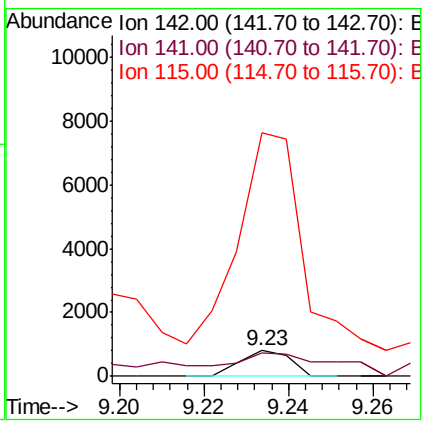


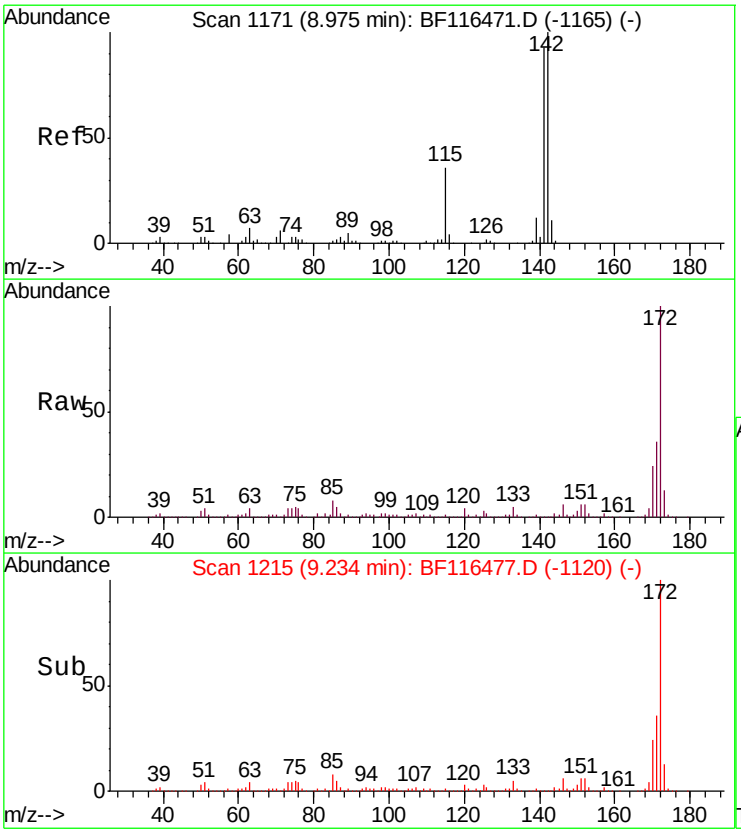
#37
2-Methylnaphthalene
Concen: 142.112 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:142 Resp: 675

Ion	Ratio	Lower	Upper
142	100		
141	92.0	69.8	104.6
115	943.5	27.7	41.5#

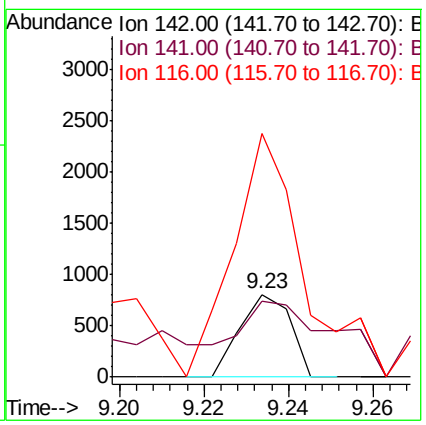


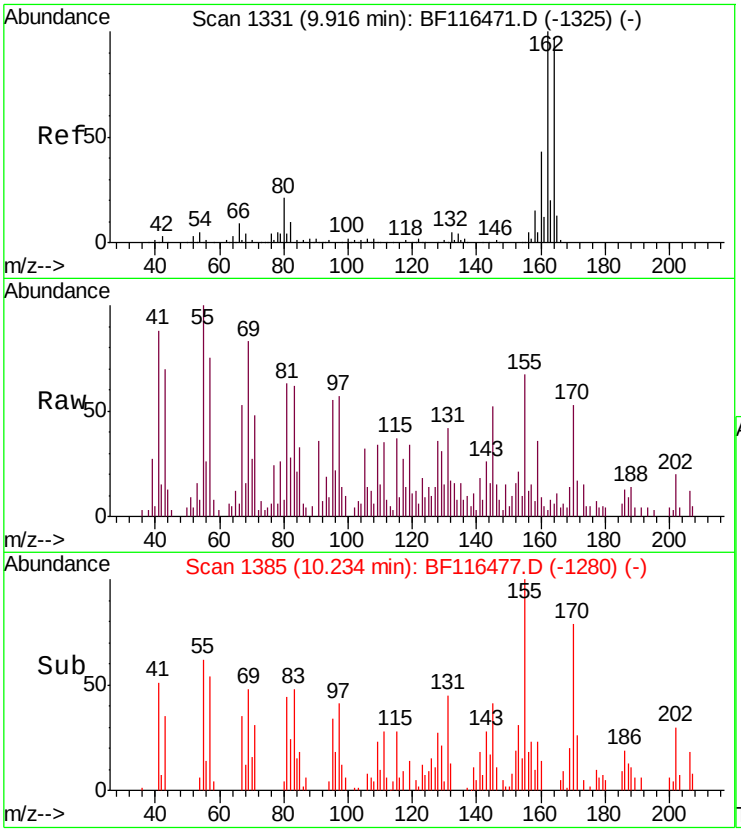


#38
1-Methylnaphthalene
Concen: 152.132 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.26 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:142 Resp: 675

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.2
116	293.7	2.9	4.3#



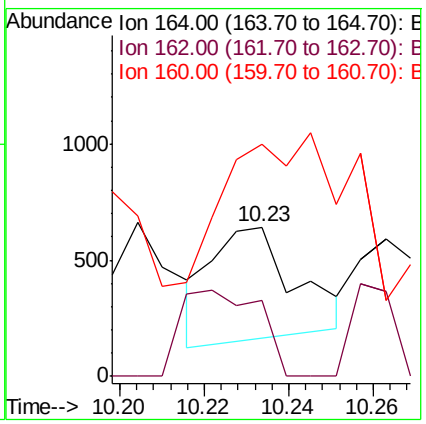


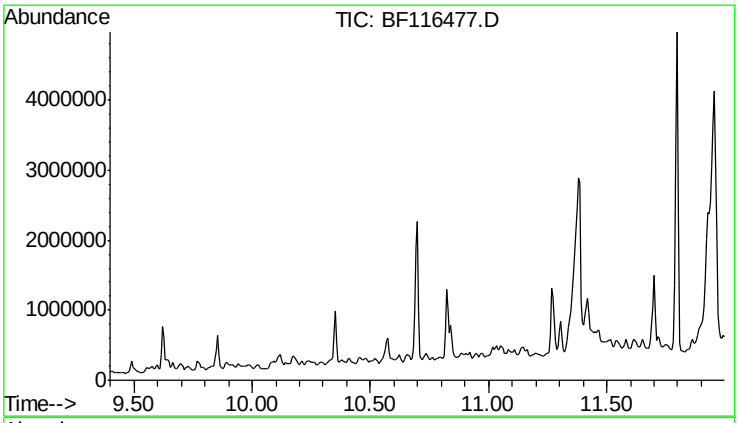
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:164 Resp: 670

Ion	Ratio	Lower	Upper
164	100		
162	51.0	82.6	123.8#
160	155.4	35.8	53.8#



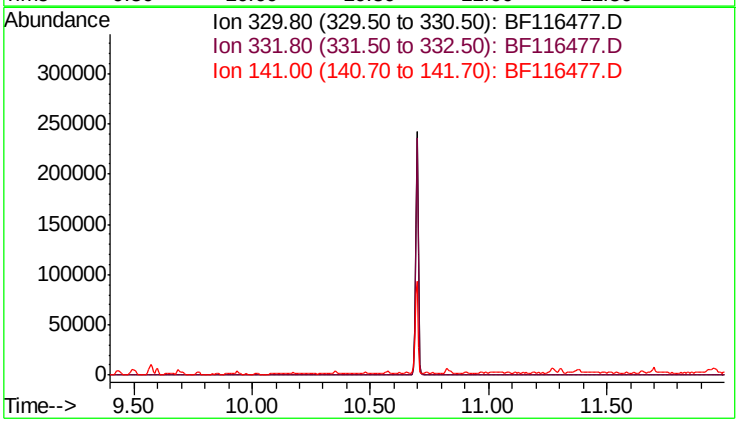


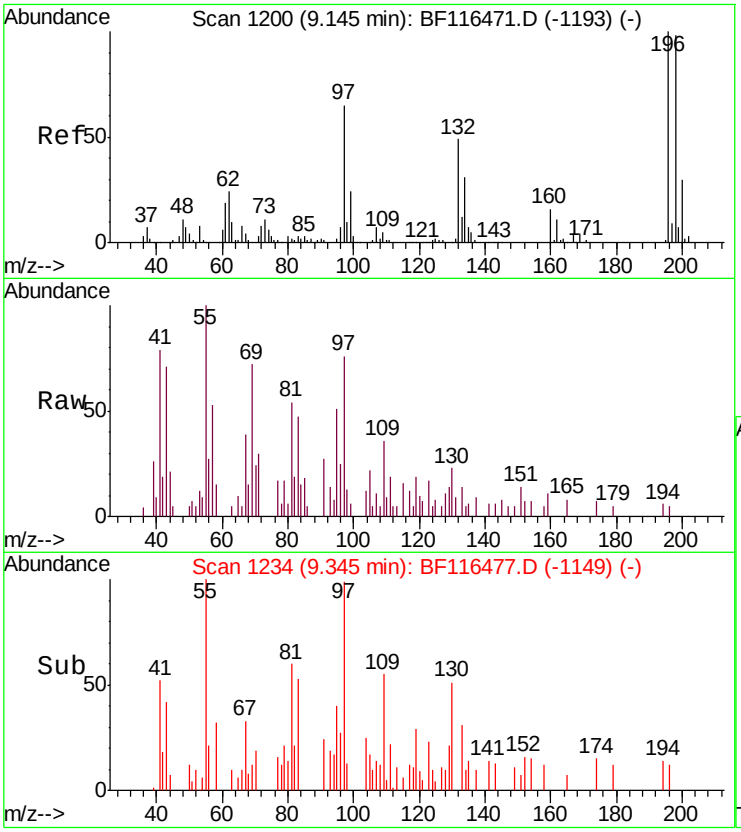
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.5
141	41.6



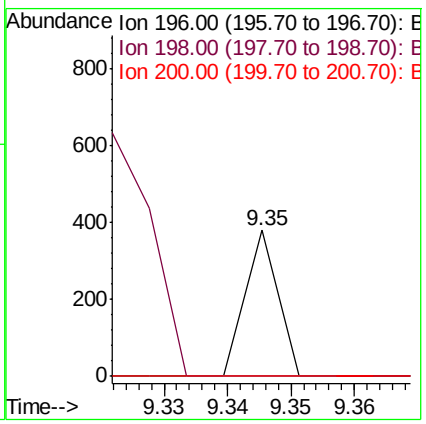


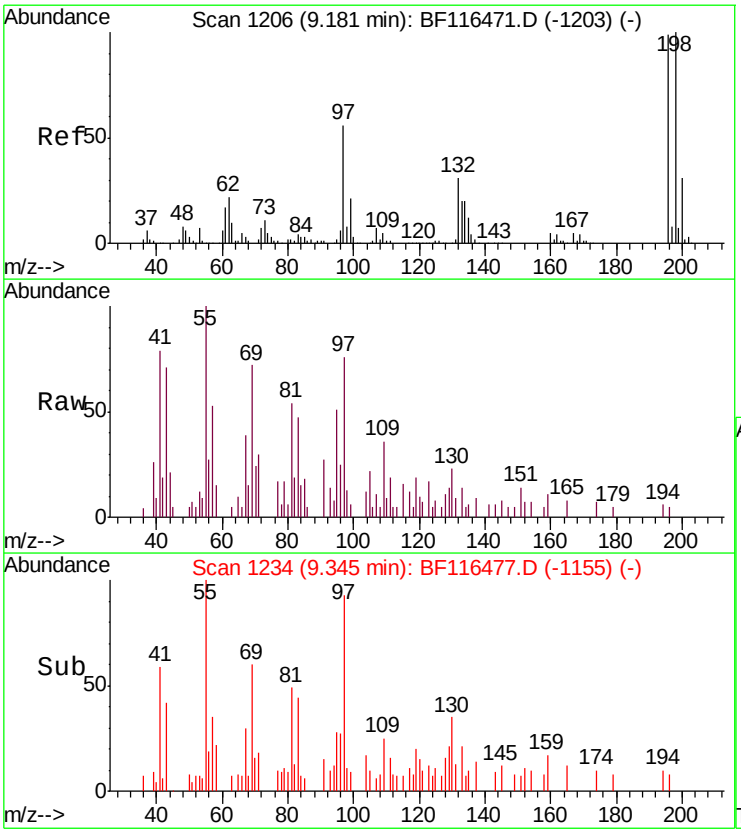
#43
2,4,6-Trichlorophenol
Concen: 10.622 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.20 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:196 Resp: 134

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.0	117.0#
200	0.0	24.2	36.2#

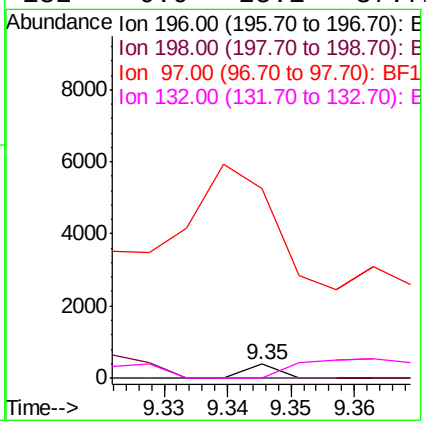


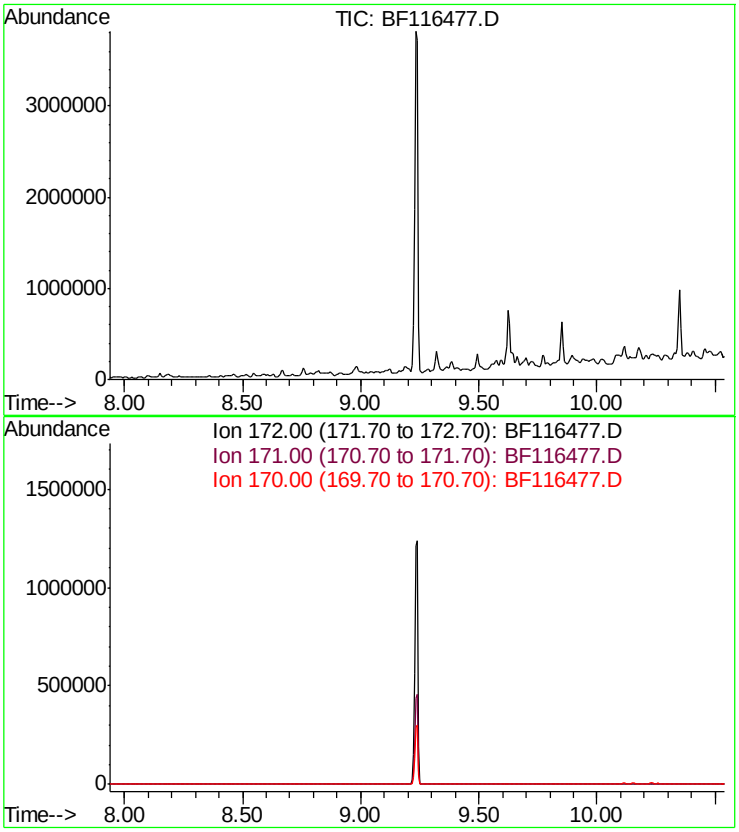


#44
2,4,5-Trichlorophenol
Concen: 10.439 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.16 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:196 Resp: 134

Ion	Ratio	Lower	Upper
196	100		
198	0.0	80.8	121.2#
97	1390.8	45.7	68.5#
132	0.0	25.1	37.7#





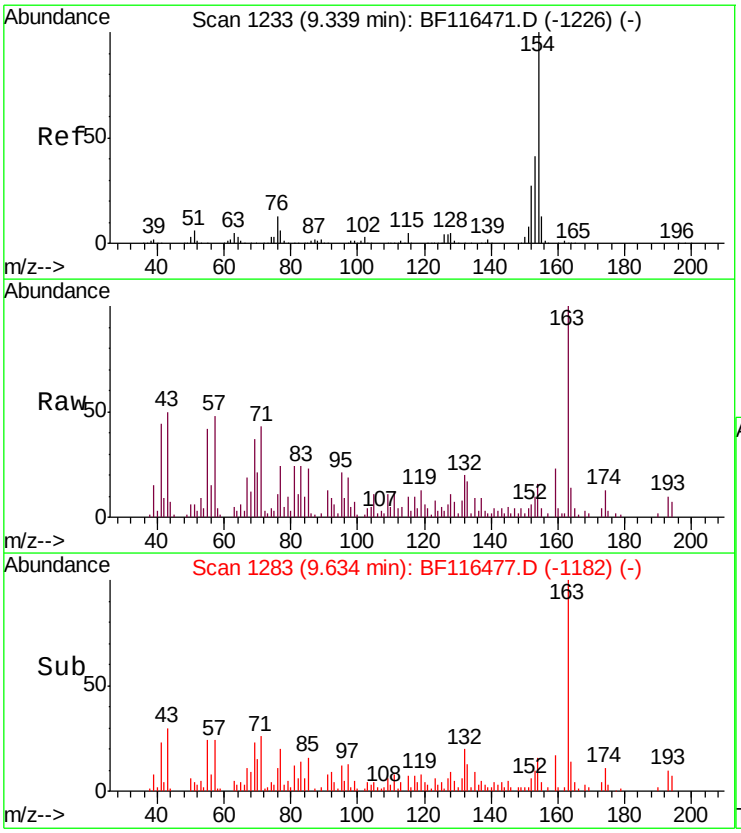
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.1
170	24.2

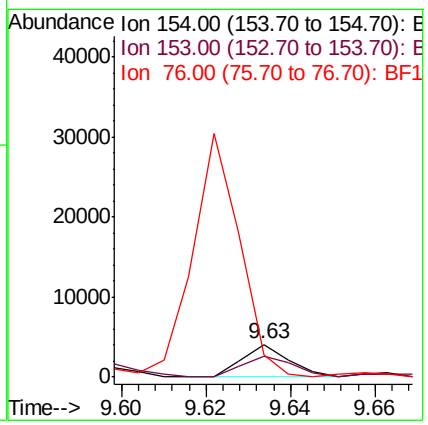
Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

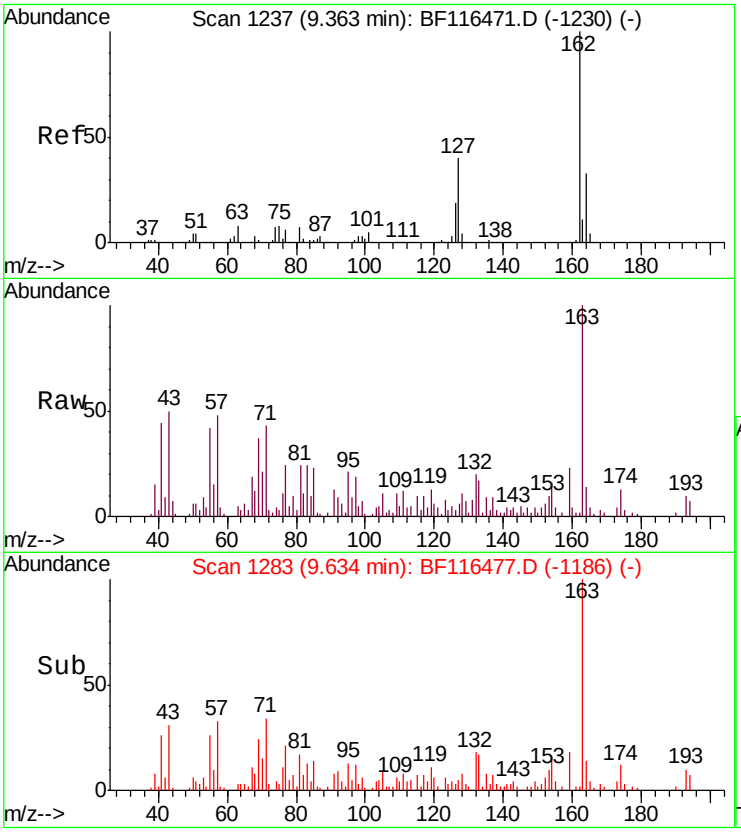


#46
1,1'-Biphenyl
Concen: 58.114 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.29 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:154 Resp: 3113

Ion	Ratio	Lower	Upper
154	100		
153	62.8	21.3	61.3#
76	67.1	0.0	32.9#



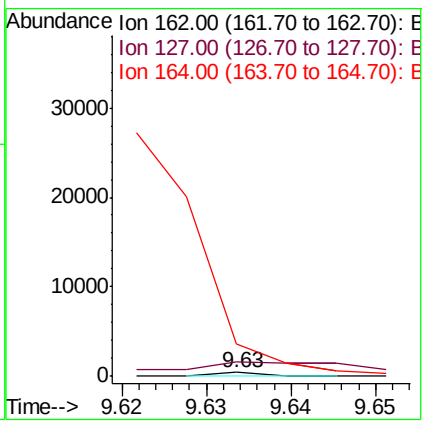


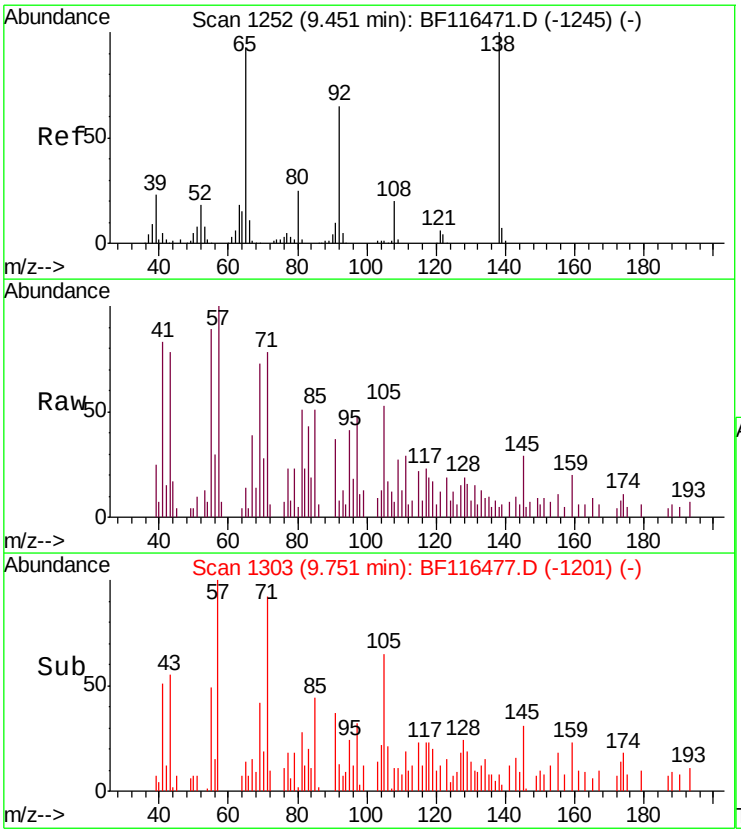
#47
2-Chloronaphthalene
Concen: 3.516 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.27 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:162 Resp: 146

Ion	Ratio	Lower	Upper
162	100		
127	399.5	32.5	48.7#
164	862.5	26.7	40.1#

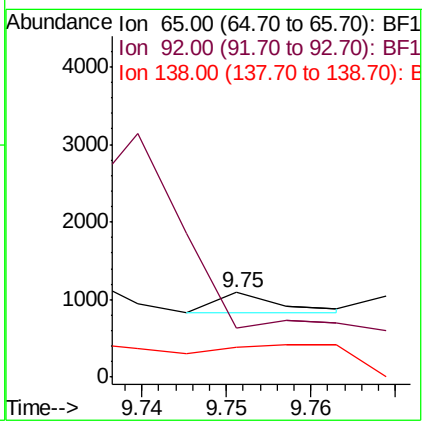


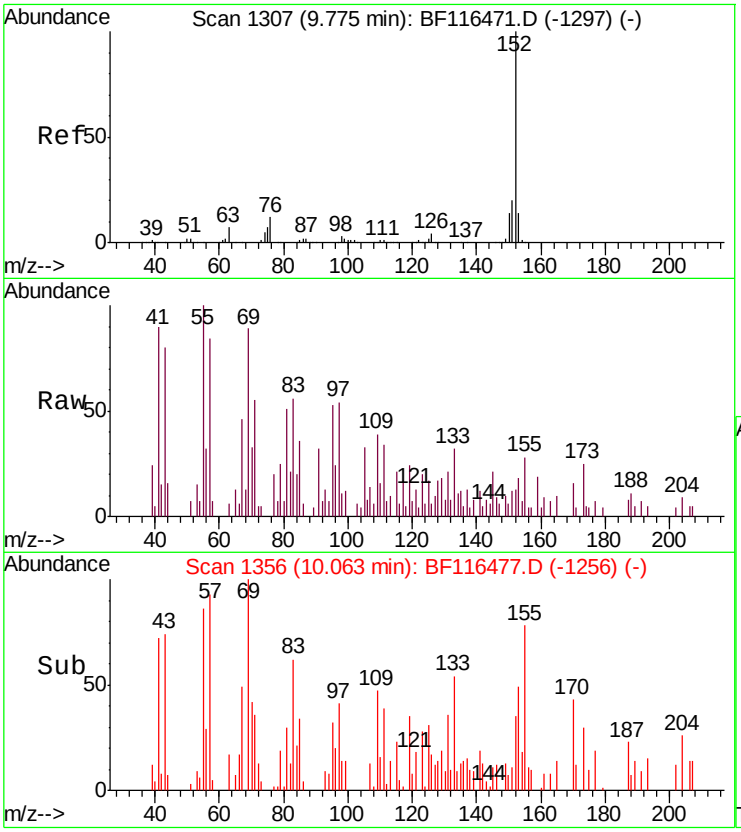


#48
2-Nitroaniline
Concen: 10.774 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.30 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 65 Resp: 137

Ion	Ratio	Lower	Upper
65	100		
92	58.9	56.2	84.2
138	35.8	86.0	129.0#



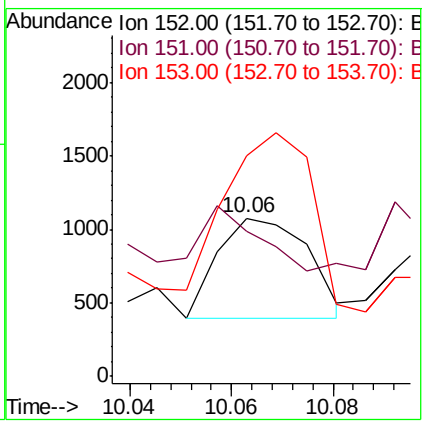


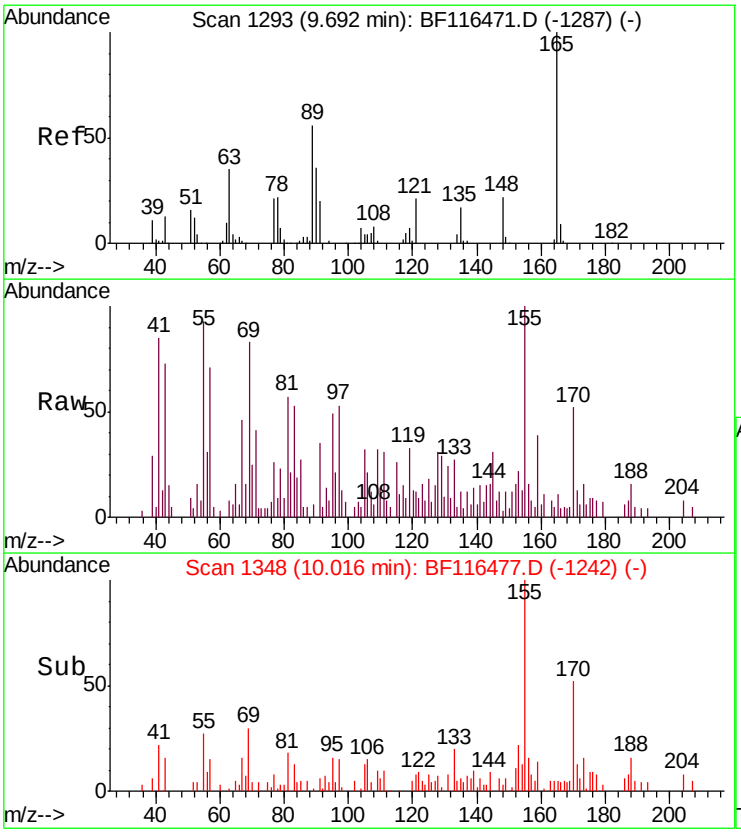
#49
Acenaphthylene
Concen: 13.809 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.29 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:152 Resp: 839

Ion	Ratio	Lower	Upper
152	100		
151	91.7	16.1	24.1#
153	139.9	11.4	17.0#

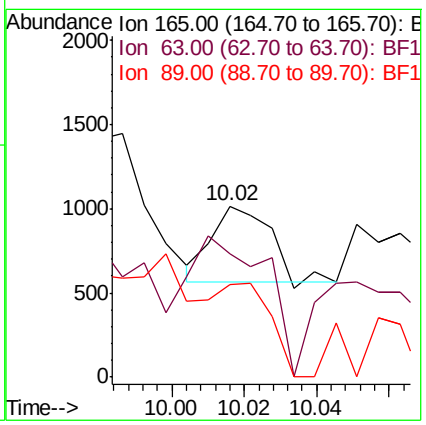


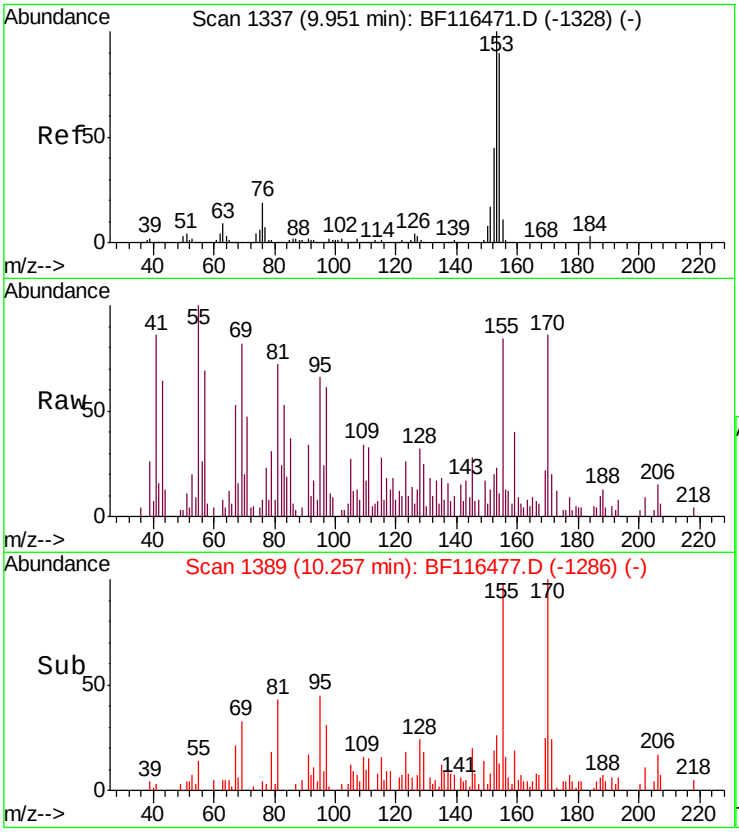


#51
2,6-Dinitrotoluene
Concen: 51.316 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:165 Resp: 491

Ion	Ratio	Lower	Upper
165	100		
63	72.0	43.7	65.5#
89	54.2	45.1	67.7



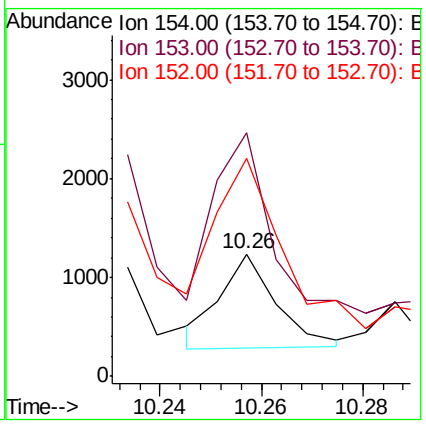


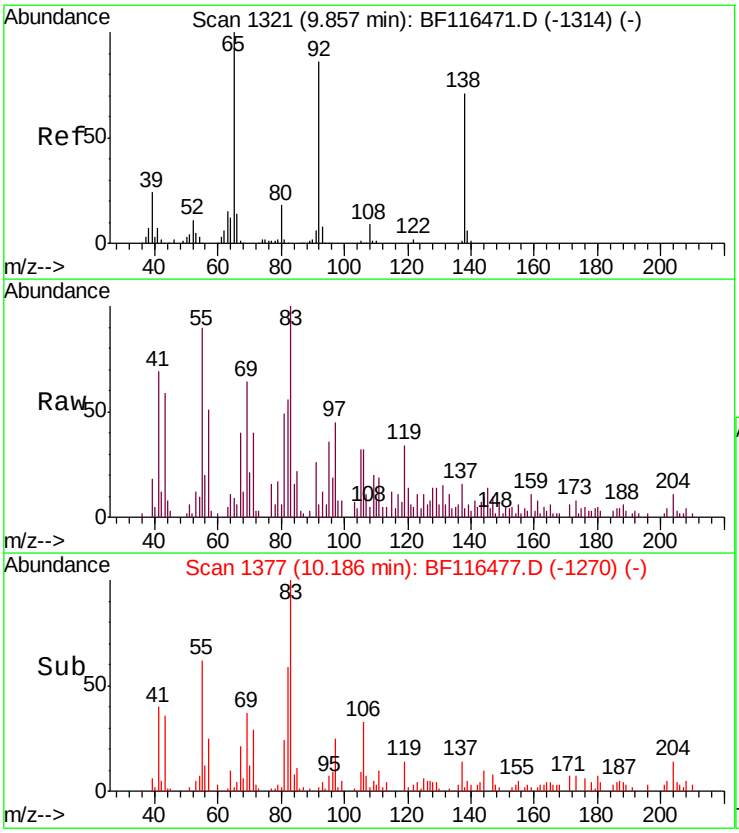
#52
Acenaphthene
Concen: 18.673 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.31 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:154 Resp: 728

Ion	Ratio	Lower	Upper
154	100		
153	198.7	89.3	133.9#
152	178.1	40.2	60.4#

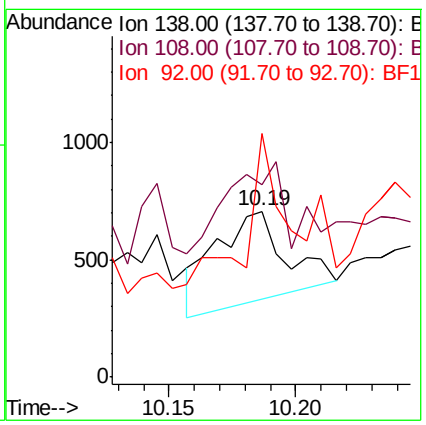


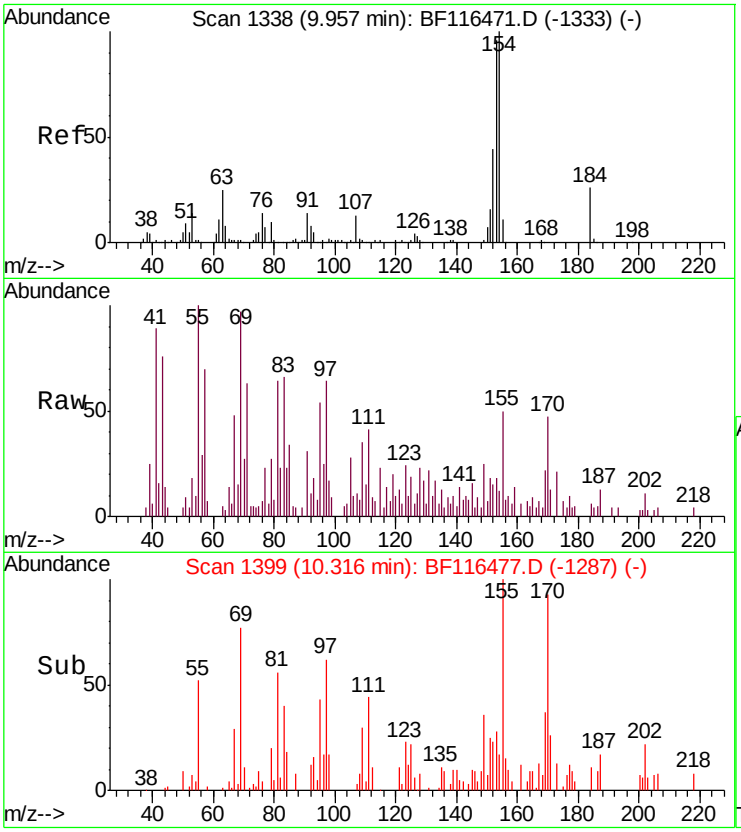


#53
3-Nitroaniline
Concen: 65.671 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.33 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:138 Resp: 749

Ion	Ratio	Lower	Upper
138	100		
108	116.0	10.0	15.0#
92	146.6	97.7	146.5#



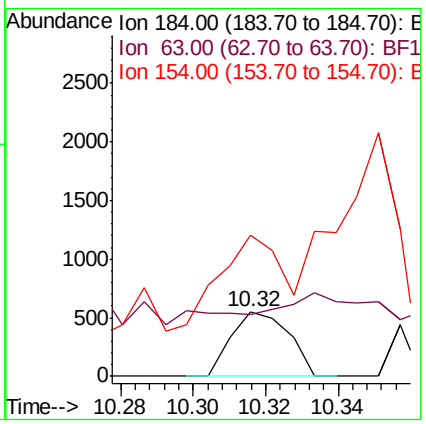


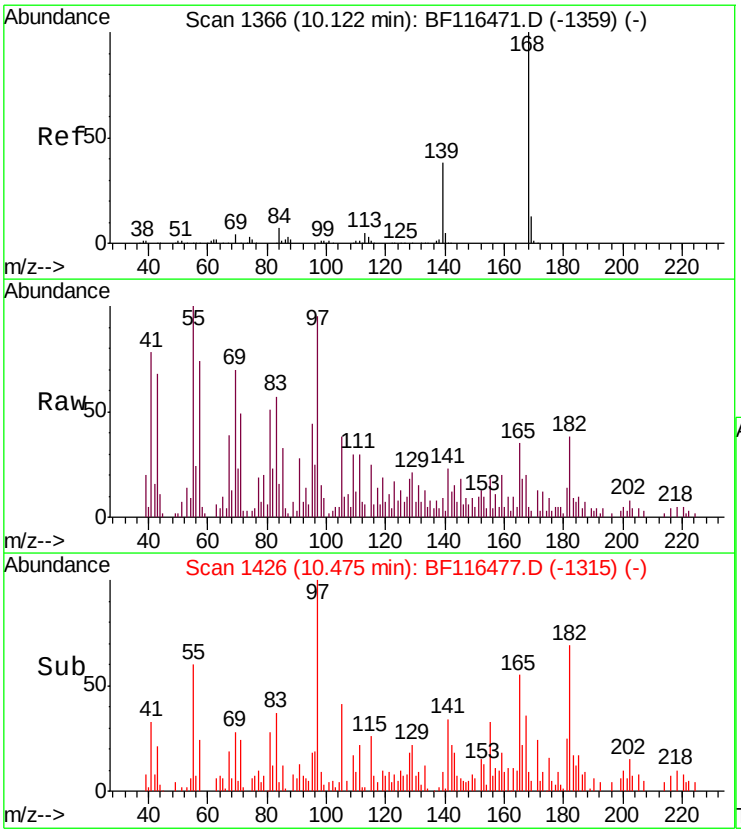
#54
2,4-Dinitrophenol
Concen: 152.908 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:184 Resp: 605

Ion	Ratio	Lower	Upper
184	100		
63	95.3	78.2	117.4
154	217.9	320.4	480.6#

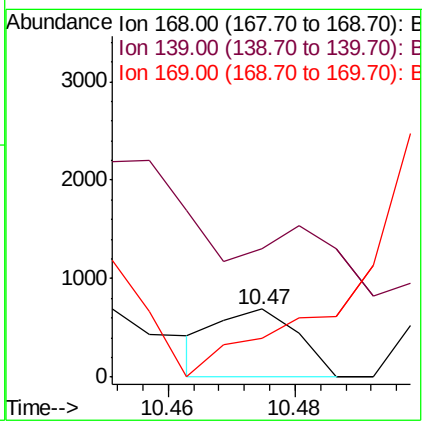


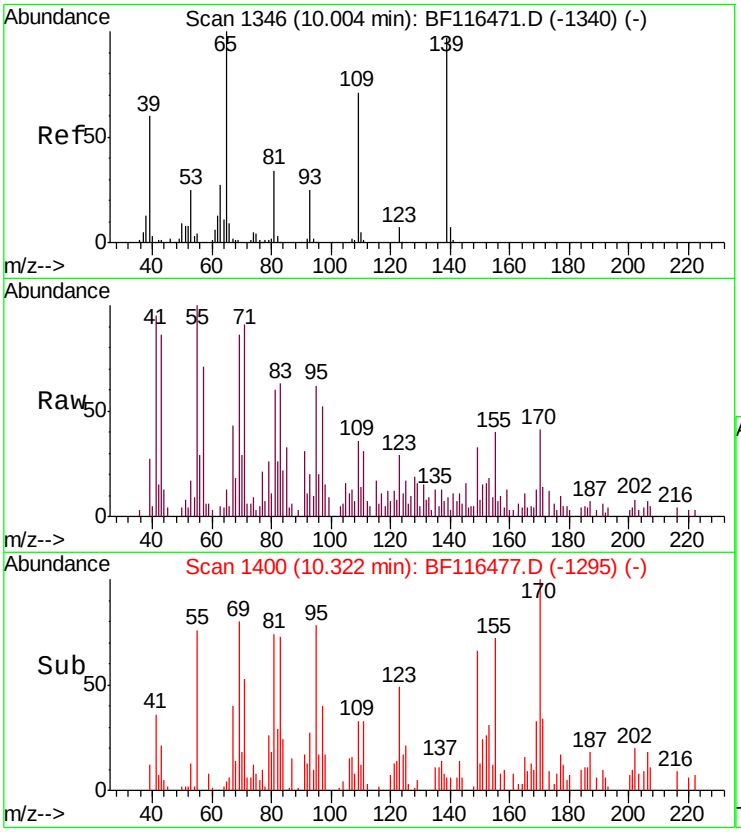


#55
Dibenzofuran
Concen: 11.095 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.35 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:168 Resp: 603

Ion	Ratio	Lower	Upper
168	100		
139	189.1	30.7	46.1#
169	57.9	10.7	16.1#



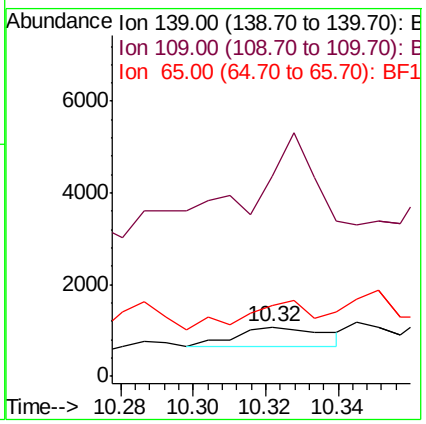


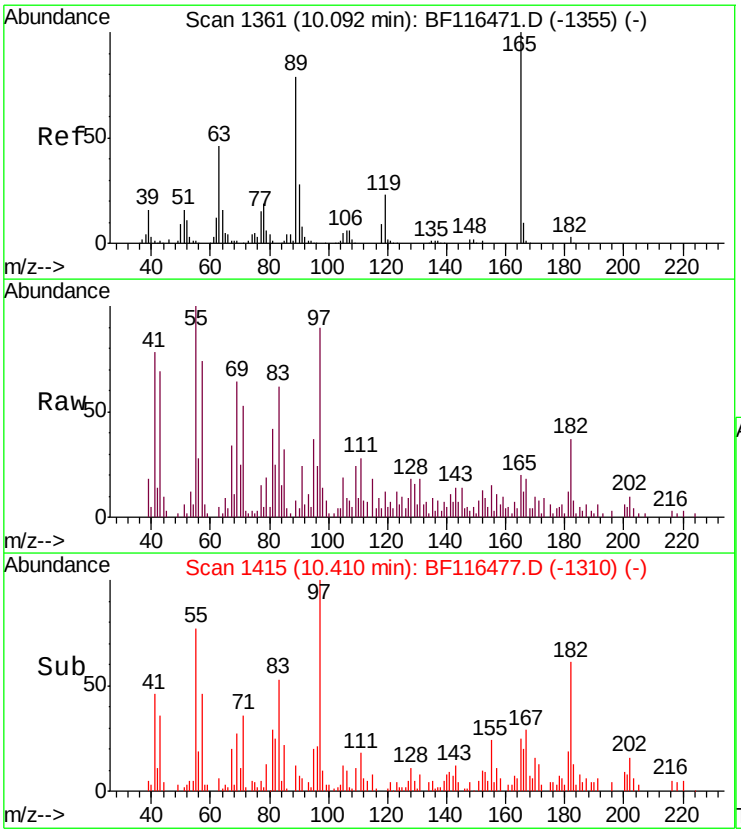
#56
4-Nitrophenol
Concen: 83.701 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:139 Resp: 742

Ion	Ratio	Lower	Upper
139	100		
109	404.6	53.4	93.4#
65	142.8	83.0	123.0#

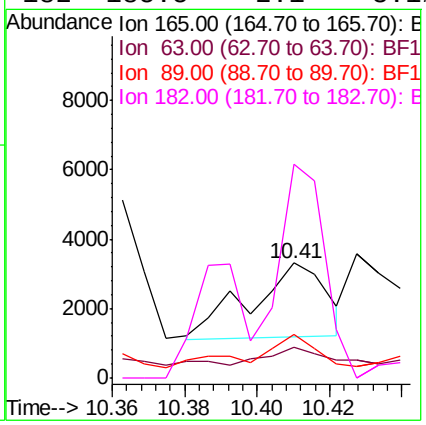


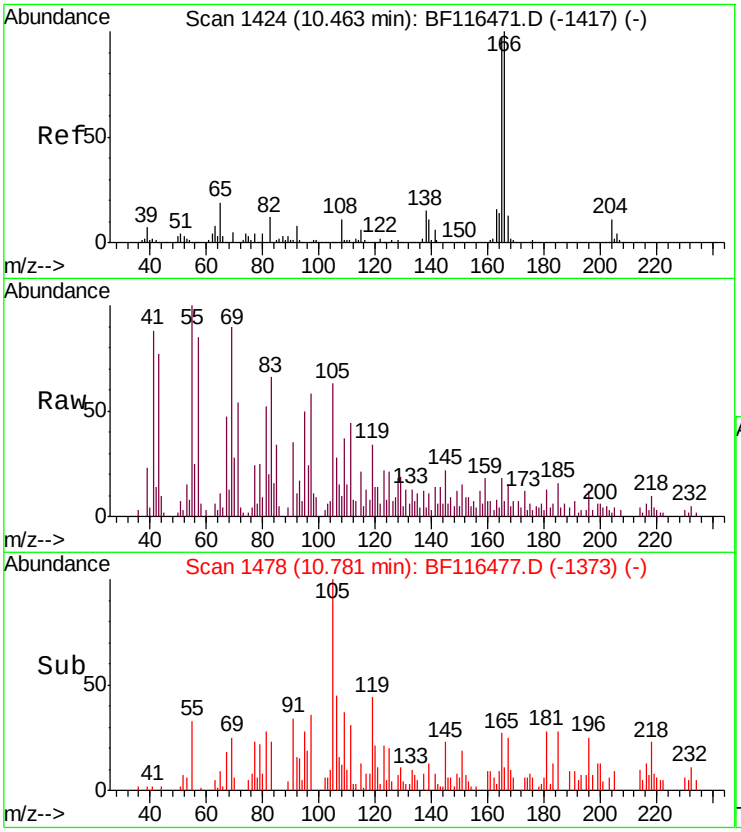


#57
2,4-Dinitrotoluene
Concen: 255.684 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:165 Resp: 3113

Ion	Ratio	Lower	Upper
165	100		
63	26.8	36.9	55.3#
89	38.1	63.4	95.0#
182	185.5	2.1	3.1#



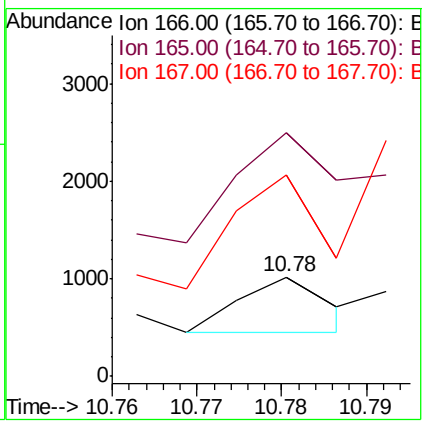


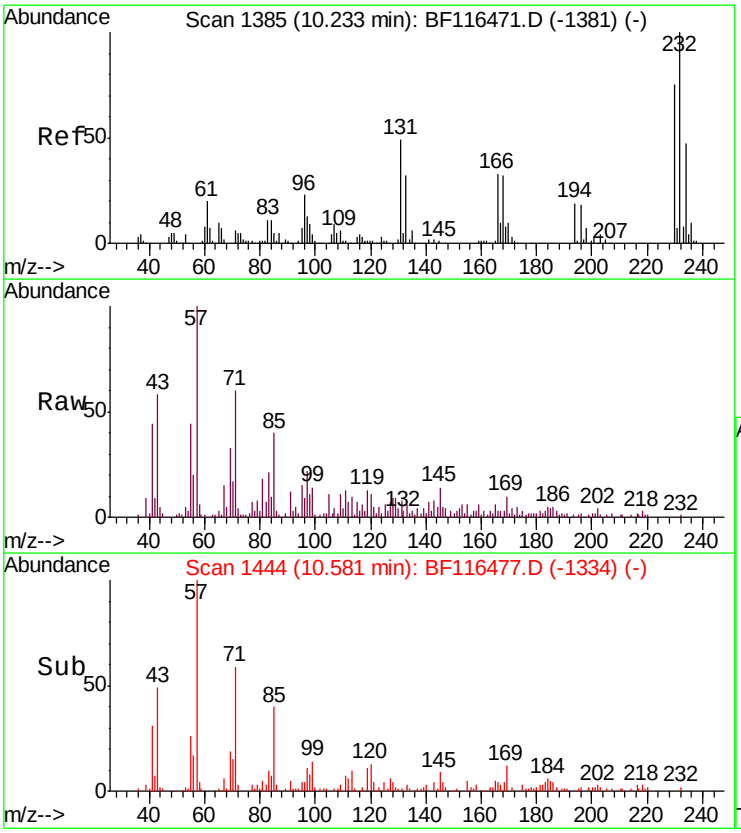
#58
Fluorene
Concen: 9.781 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:166 Resp: 413

Ion	Ratio	Lower	Upper
166	100		
165	244.5	77.4	116.0#
167	202.0	10.8	16.2#

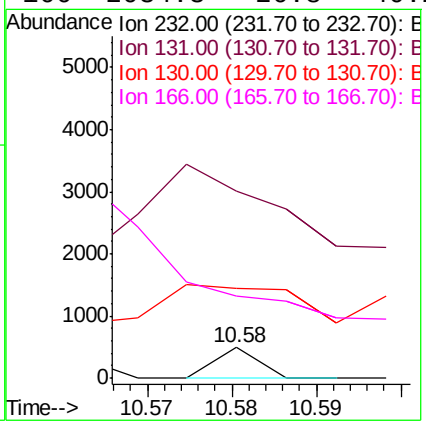


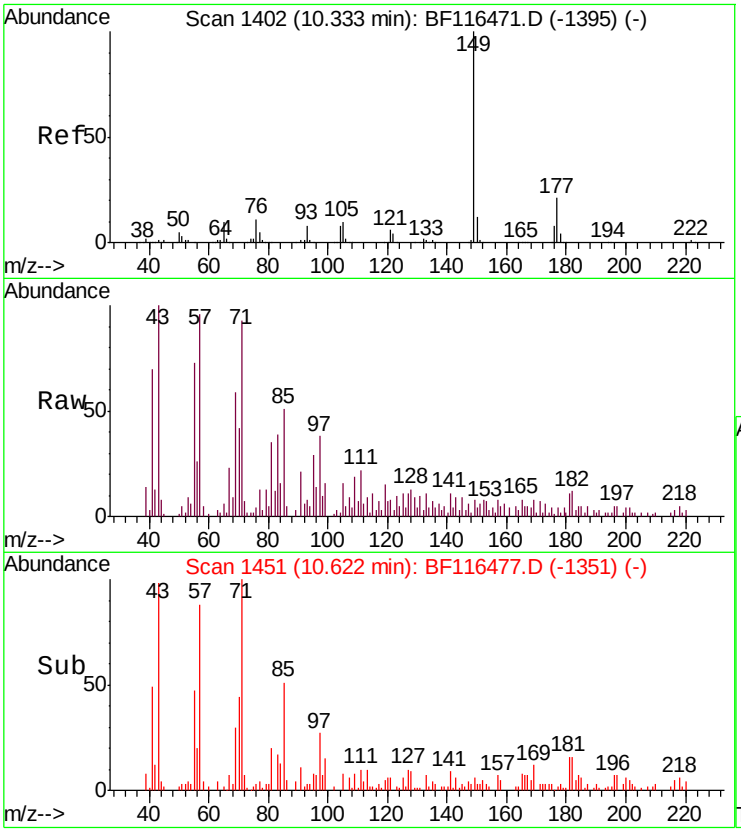


#59
2,3,4,6-Tetrachlorophenol
Concen: 16.318 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.35 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:232 Resp: 172

Ion	Ratio	Lower	Upper
232	100		
131	1323.8	40.8	61.2#
130	381.4	1.8	2.8#
166	2034.3	26.8	40.2#



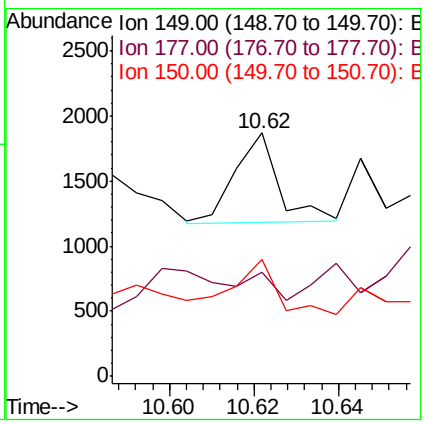


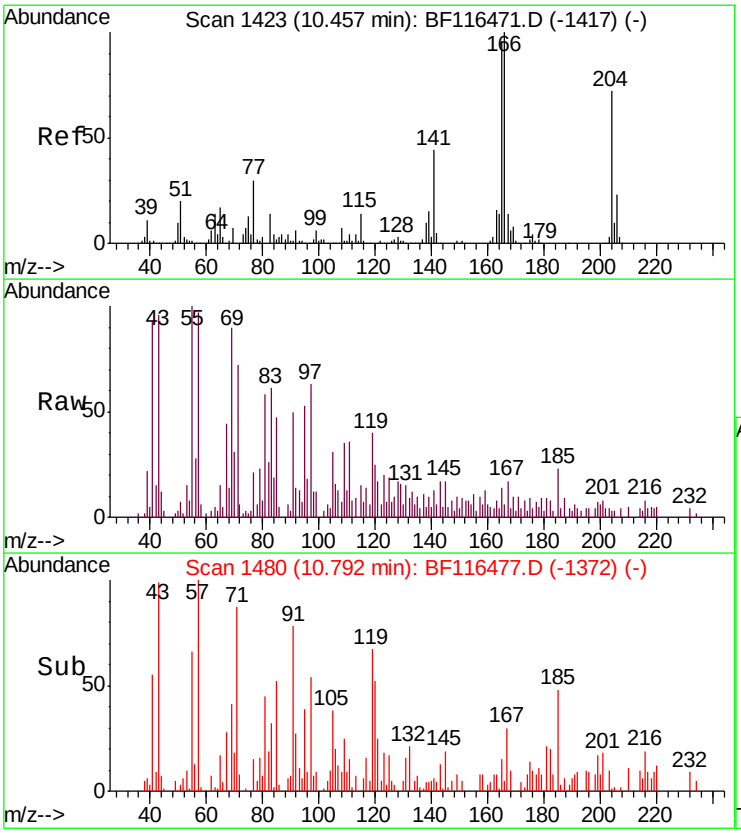
#60
Diethylphthalate
Concen: 10.665 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.29 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:149 Resp: 490

Ion	Ratio	Lower	Upper
149	100		
177	42.7	17.1	25.7#
150	48.2	9.8	14.6#

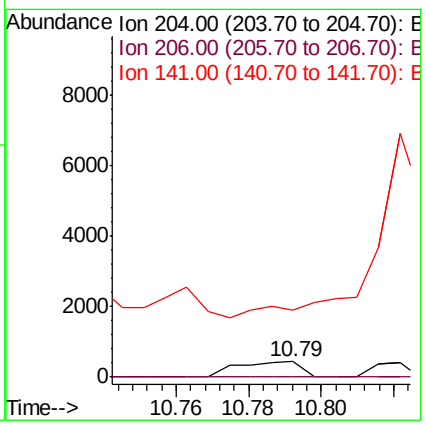


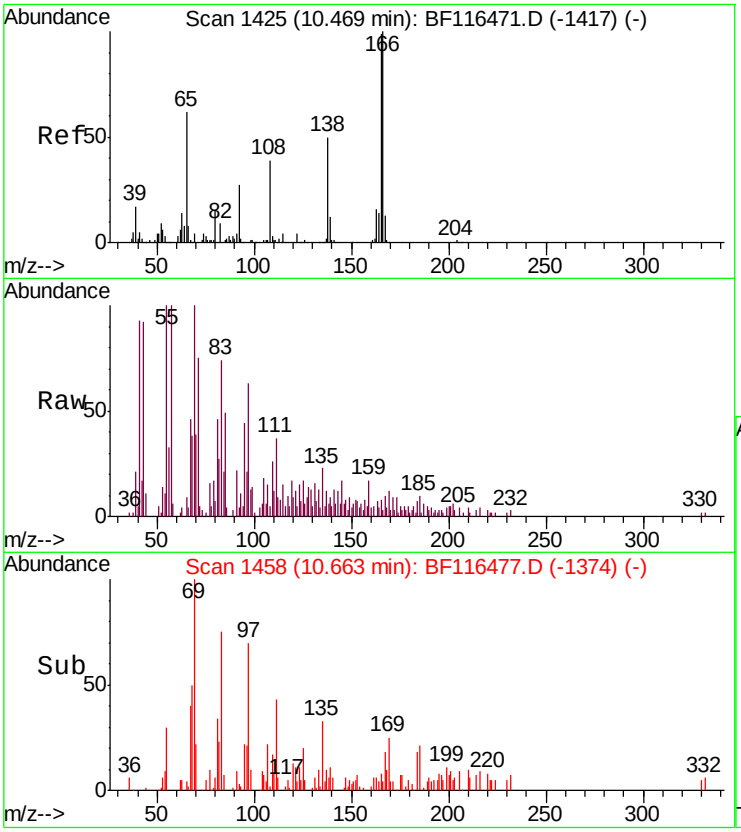


#61
4-Chlorophenyl-phenylether
Concen: 25.438 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.34 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:204 Resp: 524

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.9	38.9#
141	433.8	48.6	73.0#



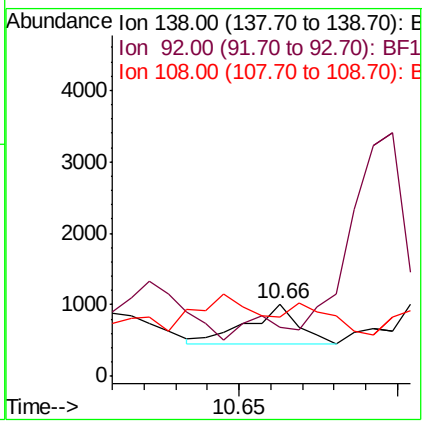


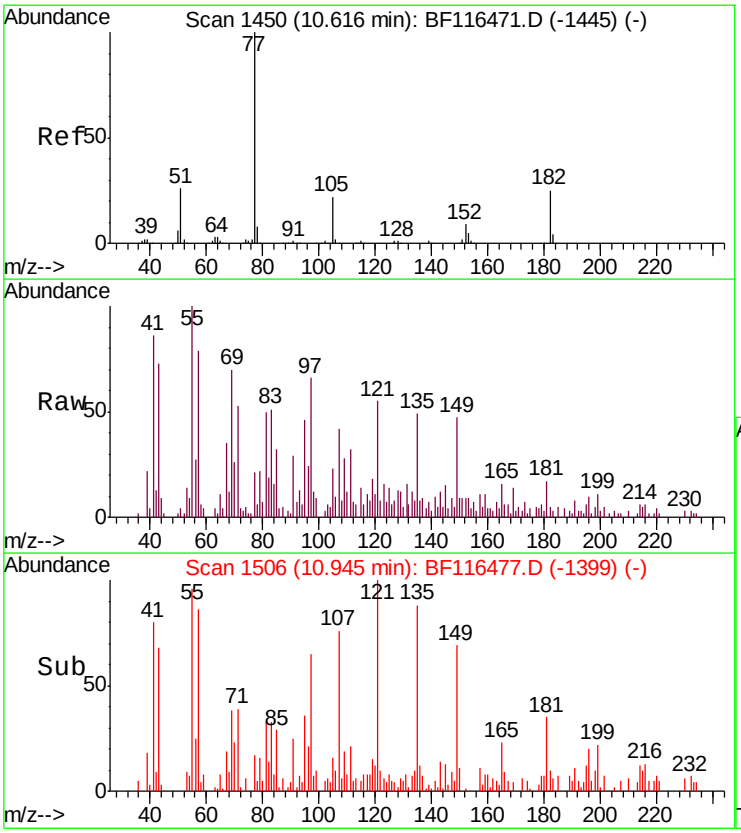
#62
4-Nitroaniline
Concen: 53.878 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:138 Resp: 601

Ion	Ratio	Lower	Upper
138	100		
92	67.2	34.9	74.9
108	81.1	57.7	97.7

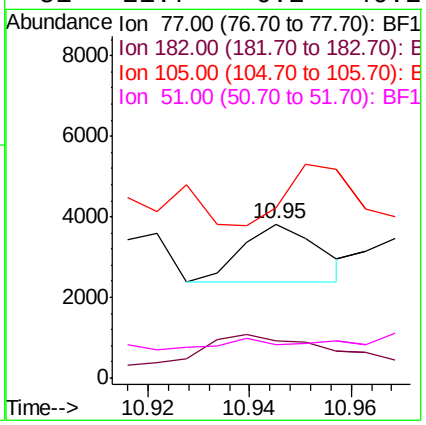


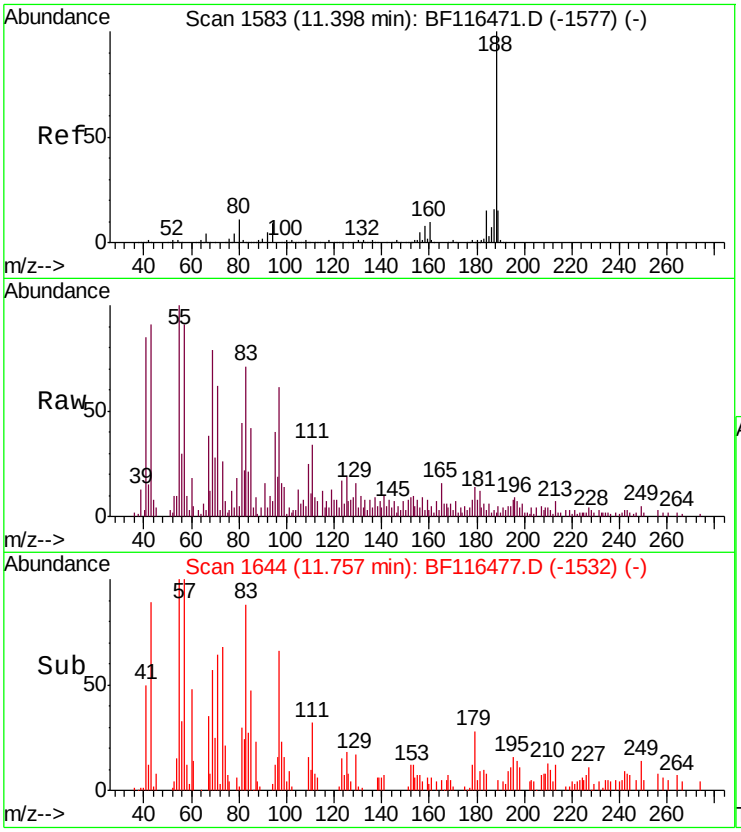


#63
Azobenzene
Concen: 32.641 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.33 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion: 77 Resp: 1542

Ion	Ratio	Lower	Upper
77	100		
182	23.8	5.4	45.4
105	111.0	1.6	41.6#
51	21.7	6.2	46.2



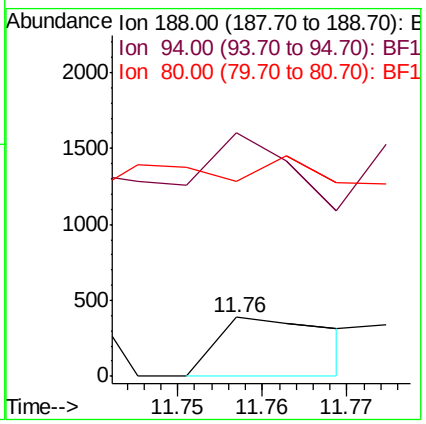


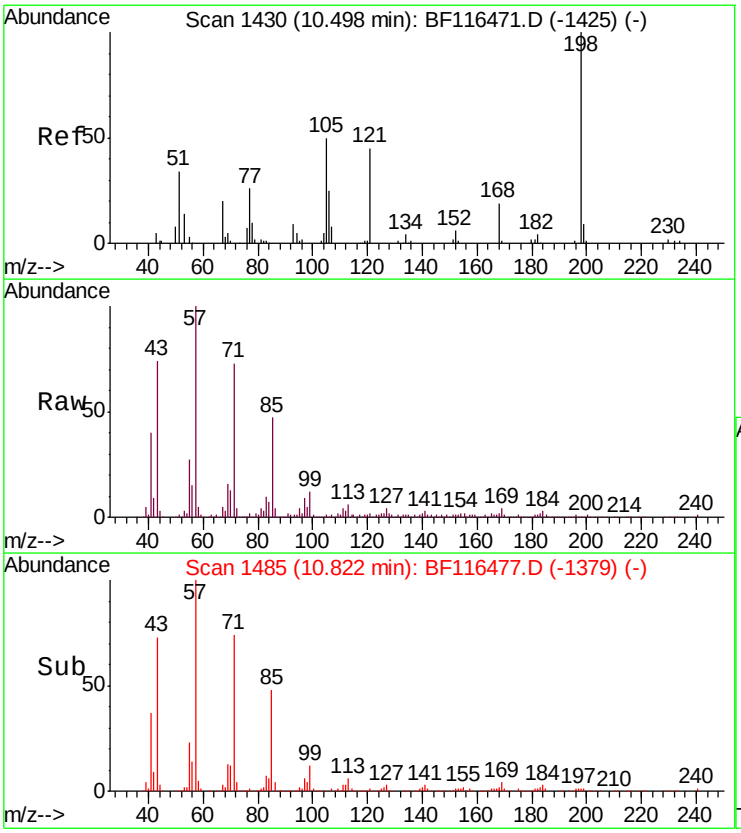
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:188 Resp: 370

Ion	Ratio	Lower	Upper
188	100		
94	414.2	7.4	11.2#
80	332.3	8.6	12.8#

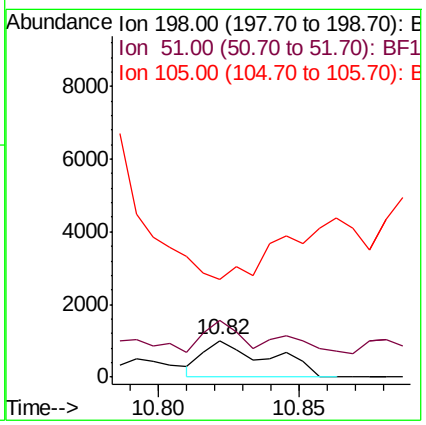


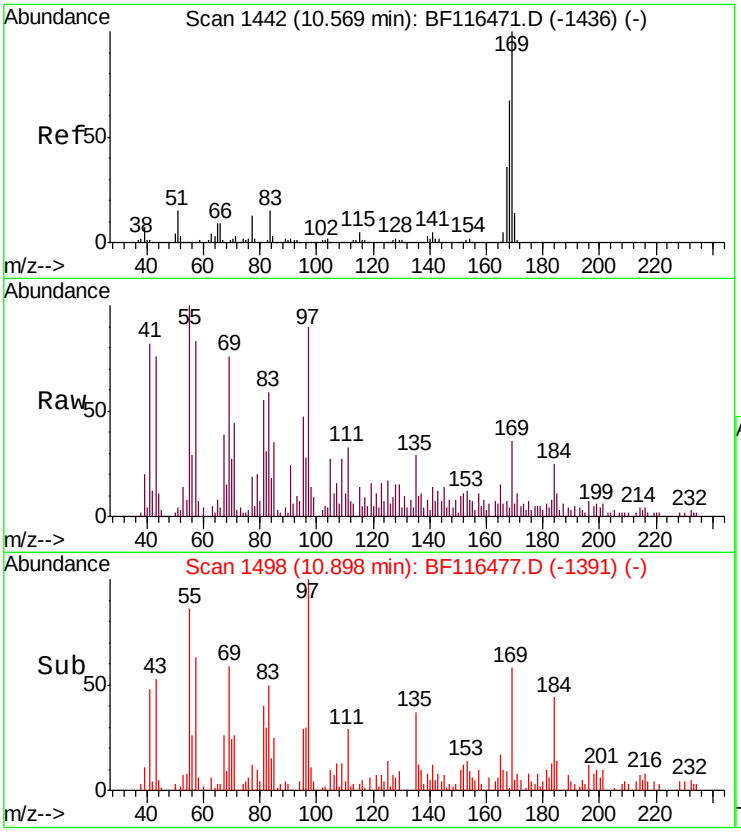


#65
4,6-Dinitro-2-methylphenol
Concen: 912.192 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.32 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:198 Resp: 1608

Ion	Ratio	Lower	Upper
198	100		
51	153.0	30.4	70.4#
105	265.1	32.8	72.8#



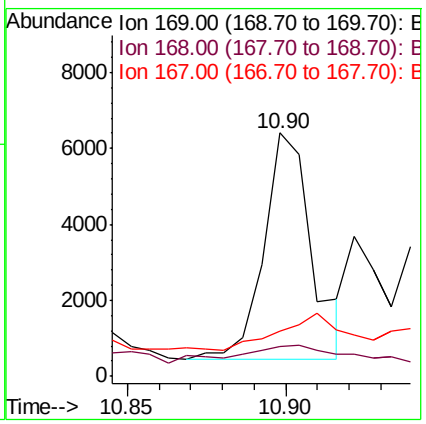


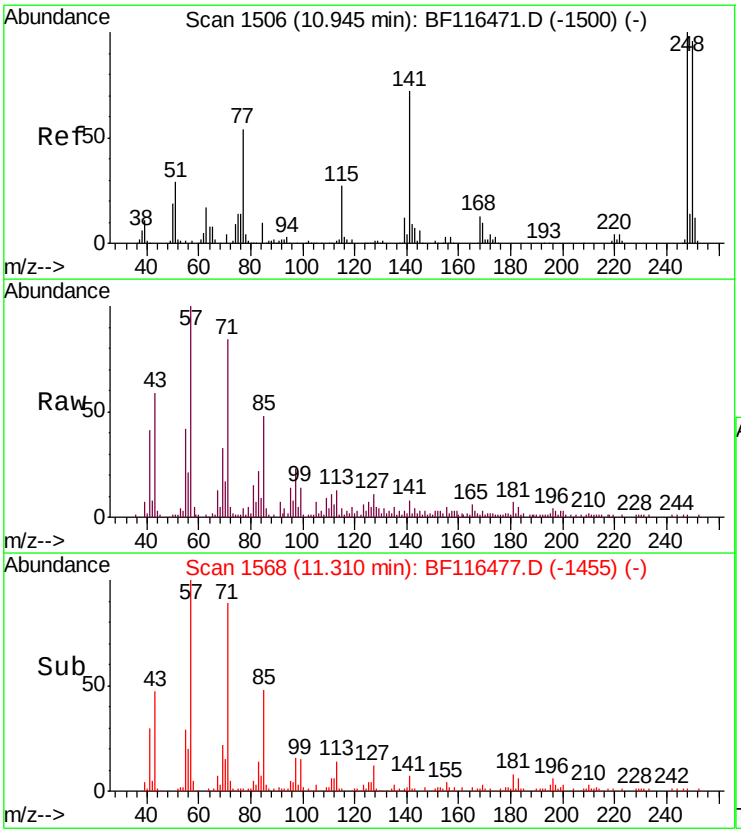
#66
n-Nitrosodiphenylamine
Concen: 526.272 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.33 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:169 Resp: 6305

Ion	Ratio	Lower	Upper
169	100		
168	12.3	53.6	80.4#
167	18.8	28.7	43.1#

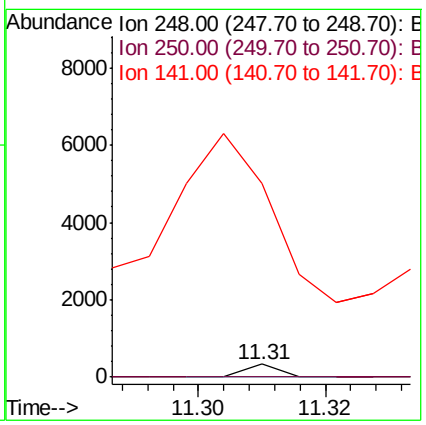


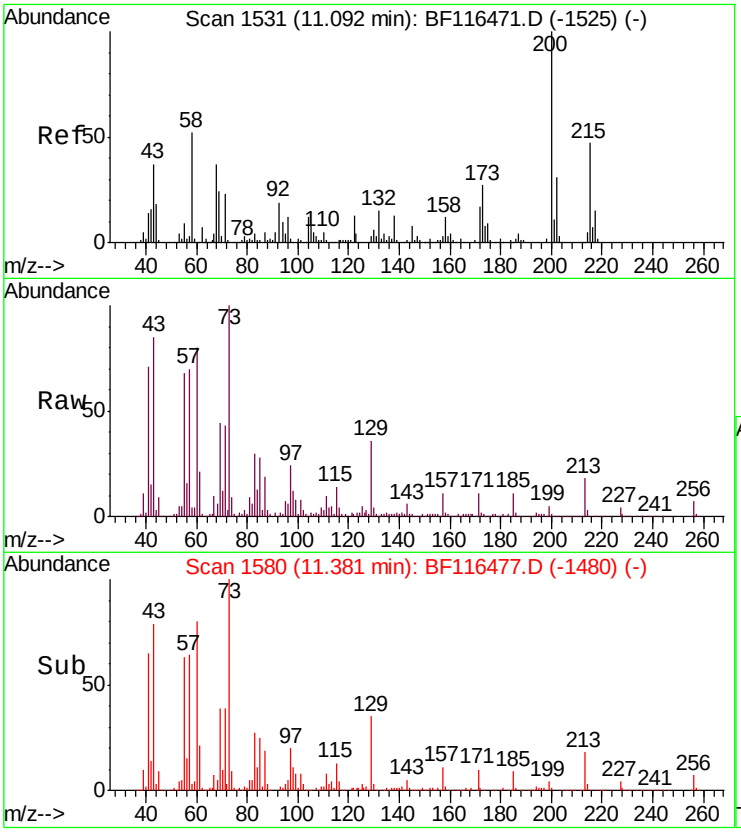


#67
4-Bromophenyl-phenylether
Concen: 29.904 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:248 Resp: 116

Ion	Ratio	Lower	Upper
248	100		
250	0.0	77.0	115.6#
141	1520.1	57.4	86.0#



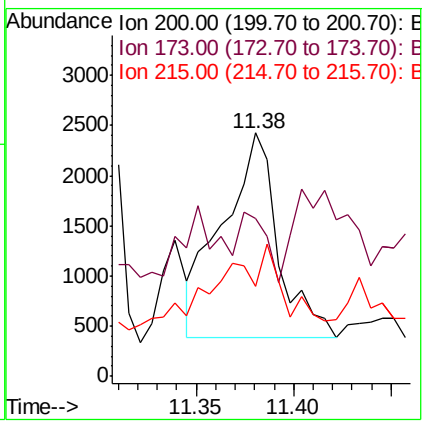


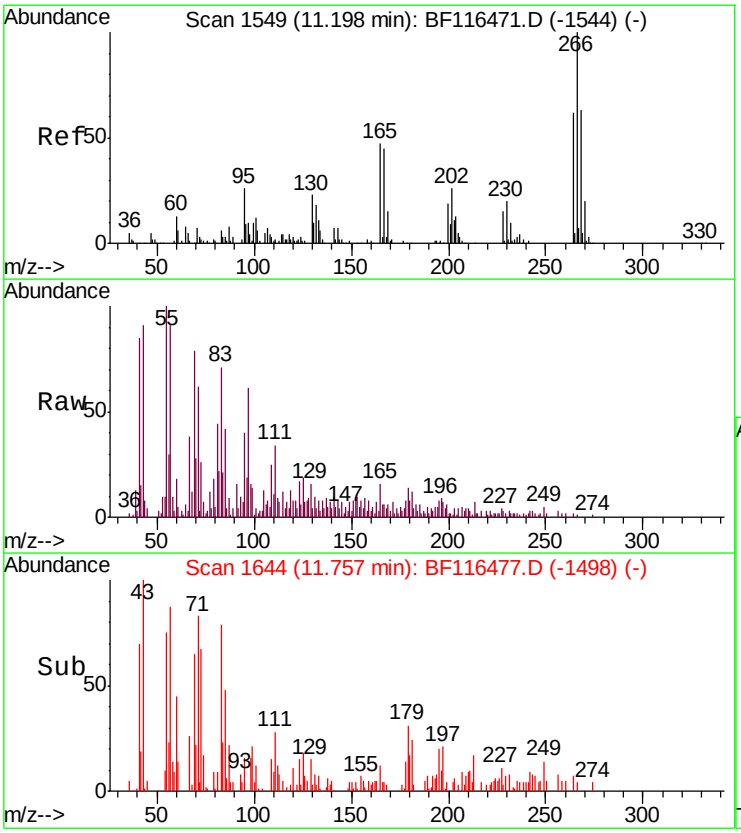
#69
Atrazine
Concen: 1134.120 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.29 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:200 Resp: 4071

Ion	Ratio	Lower	Upper
200	100		
173	64.6	7.3	47.3#
215	36.9	26.7	66.7

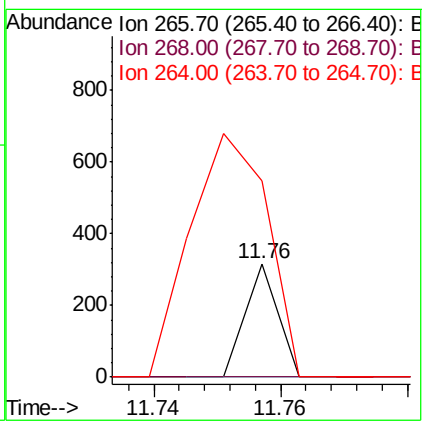


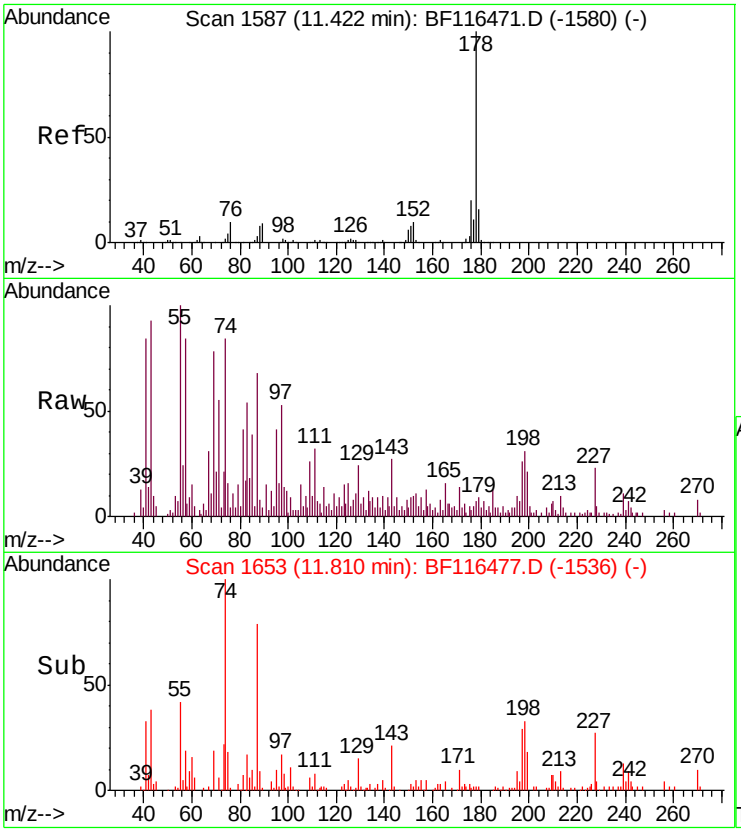


#70
Pentachlorophenol
Concen: 44.744 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.56 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:266 Resp: 112

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.7	76.1#
264	173.1	50.0	75.0#



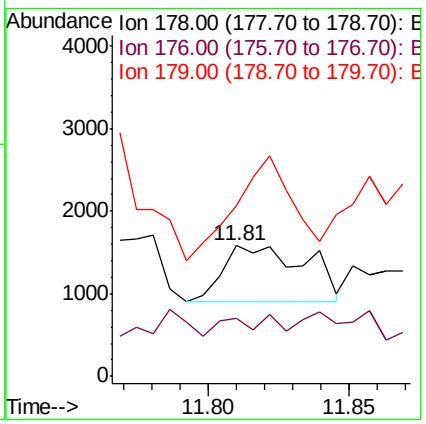


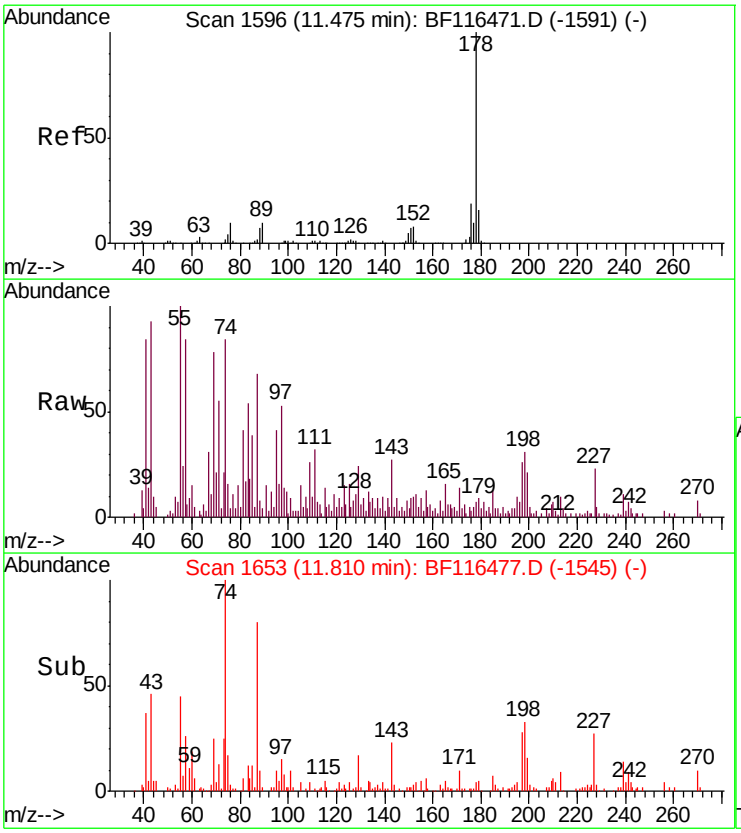
#71
Phenanthrene
Concen: 68.317 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.39 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:178 Resp: 1377

Ion	Ratio	Lower	Upper
178	100		
176	44.2	15.8	23.6#
179	130.4	12.8	19.2#

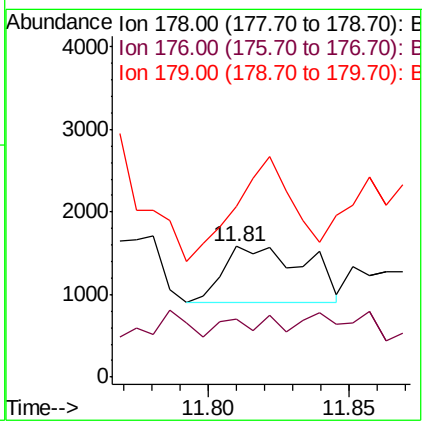


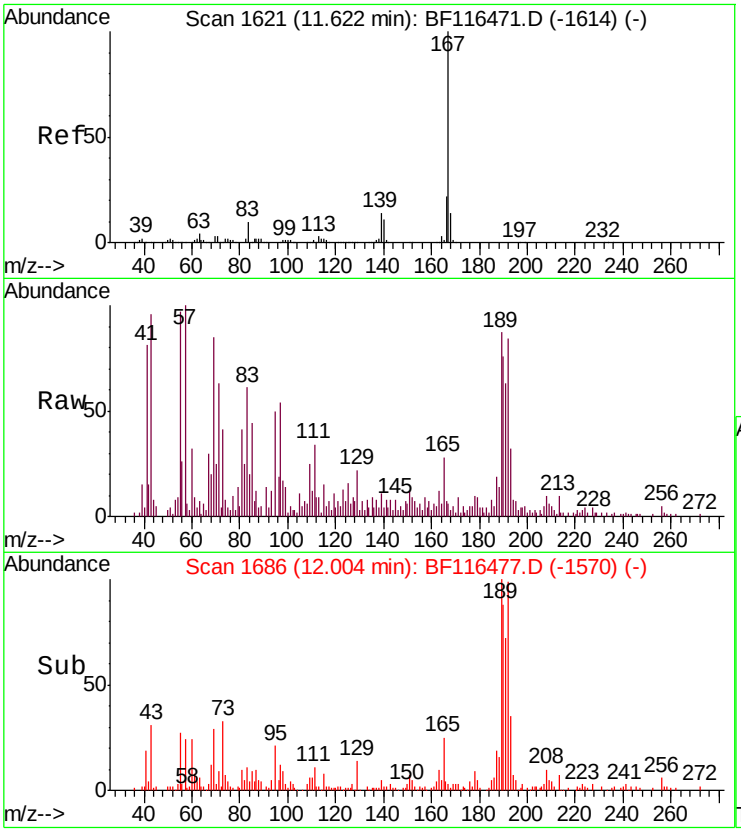


#72
Anthracene
Concen: 67.986 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.34 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:178 Resp: 1377

Ion	Ratio	Lower	Upper
178	100		
176	44.2	15.2	22.8#
179	130.4	12.5	18.7#



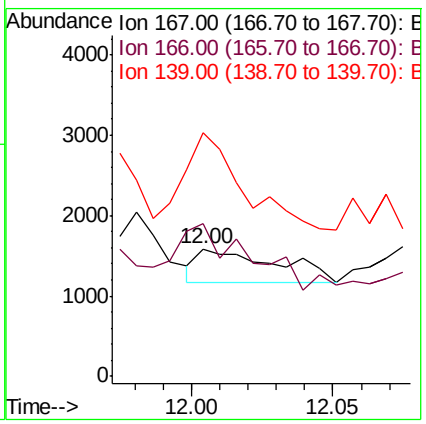


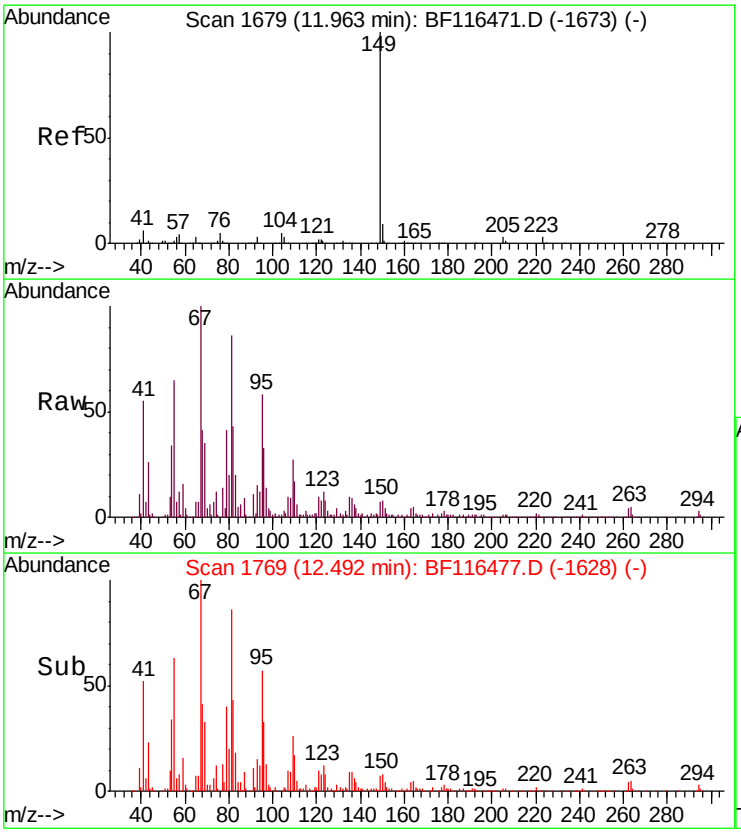
#73
Carbazole
Concen: 43.288 ng
RT: 12.00 min Scan# 1686
Delta R.T. 0.38 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:167 Resp: 787

Ion	Ratio	Lower	Upper
167	100		
166	120.0	17.8	26.6#
139	191.0	10.9	16.3#

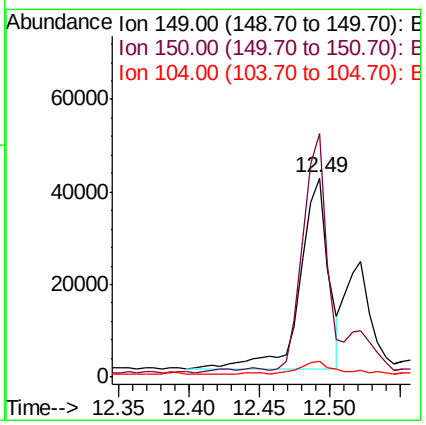


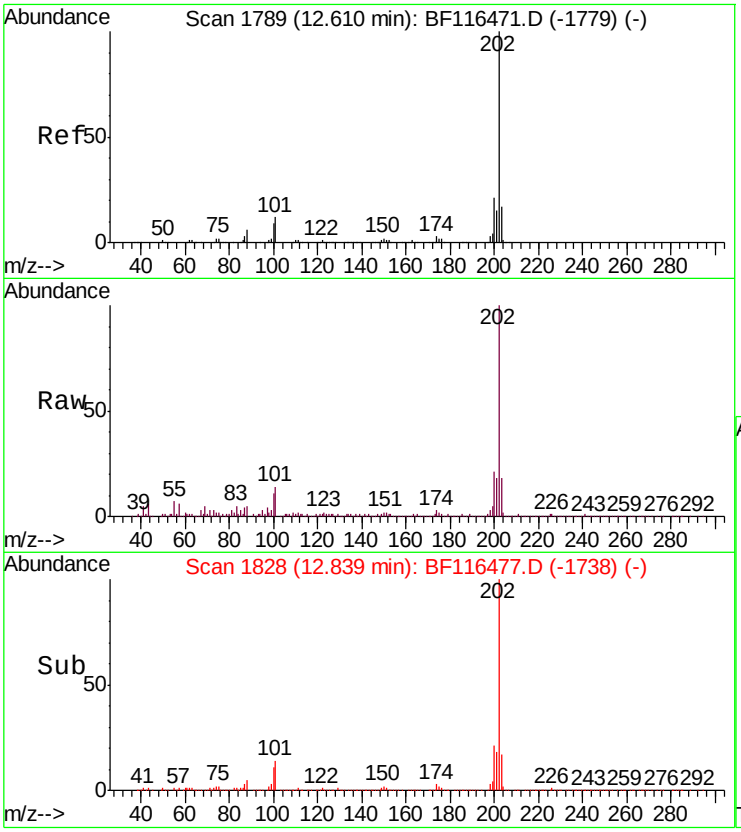


#74
Di-n-butylphthalate
Concen: 2568.892 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.53 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:149 Resp: 57873

Ion	Ratio	Lower	Upper
149	100		
150	122.3	7.5	11.3#
104	8.1	4.1	6.1#



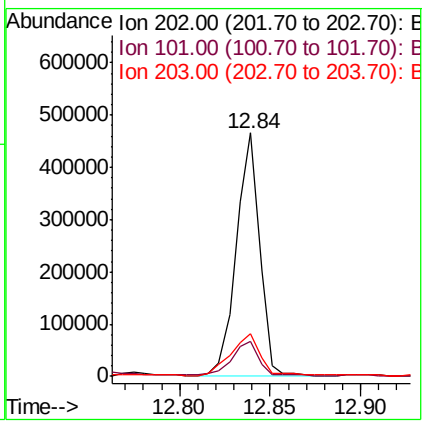


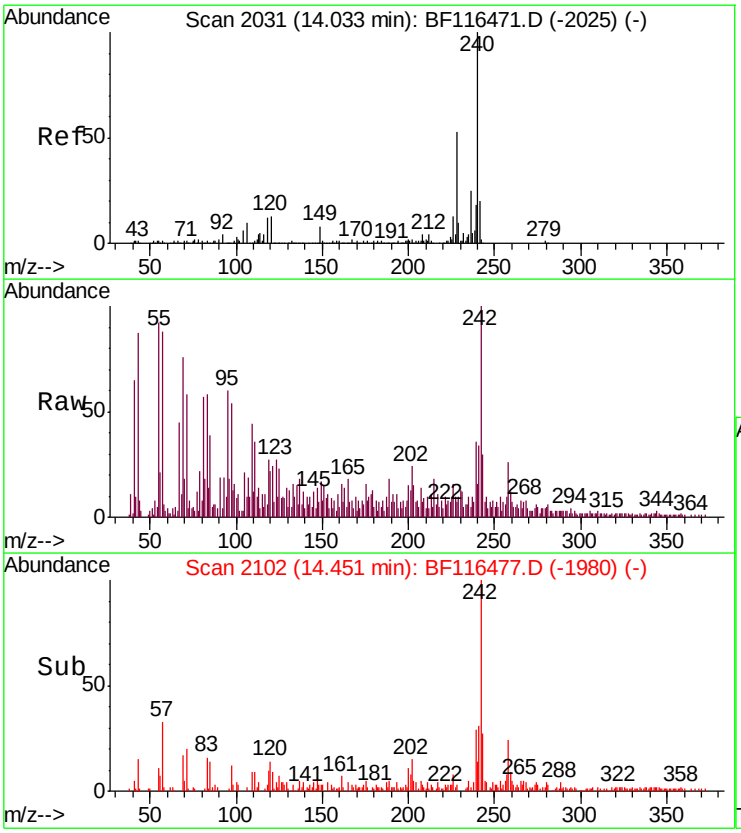
#75
Fluoranthene
Concen: 19803.120 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.23 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:202 Resp: 412670

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	31.5
203	17.7	0.0	37.5

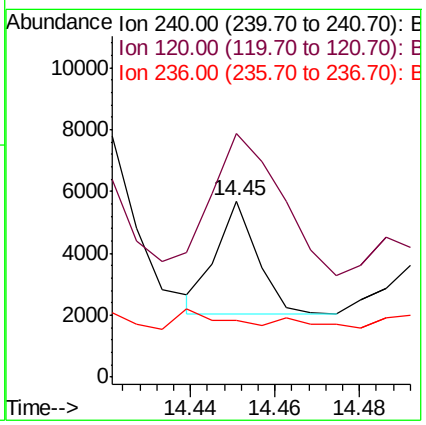


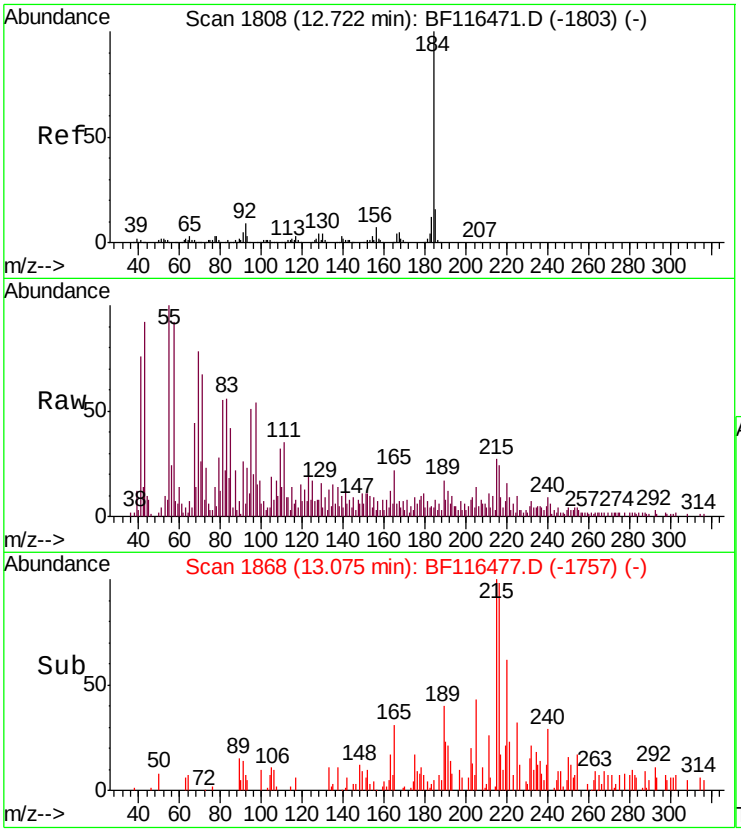


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.42 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:240 Resp: 2465

Ion	Ratio	Lower	Upper
240	100		
120	138.2	10.5	15.7#
236	32.1	20.2	30.2#



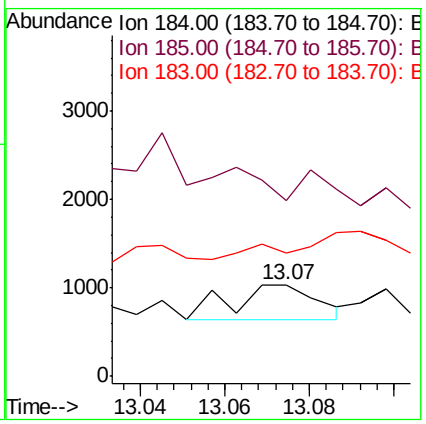


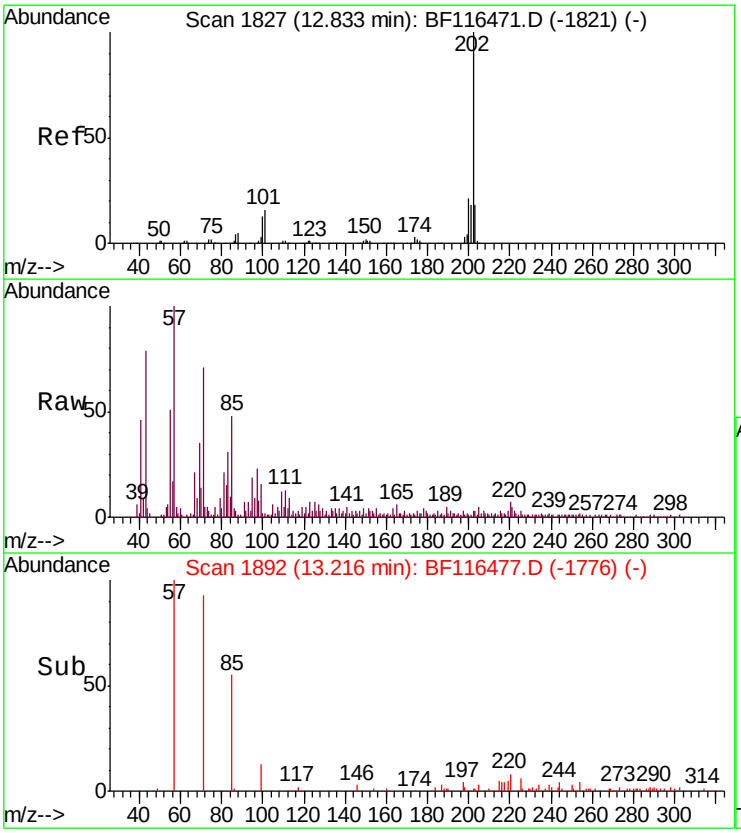
#77
Benzidine
Concen: 5.606 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.35 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:184 Resp: 556

Ion	Ratio	Lower	Upper
184	100		
185	191.4	13.0	19.4#
183	134.5	9.8	14.6#

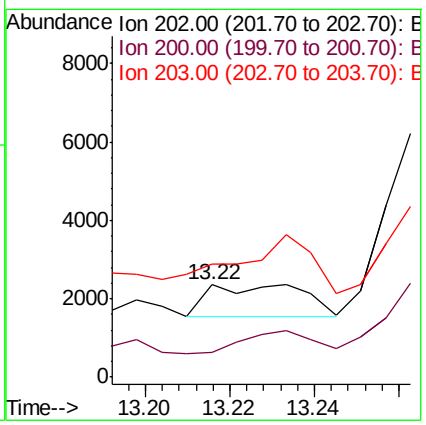


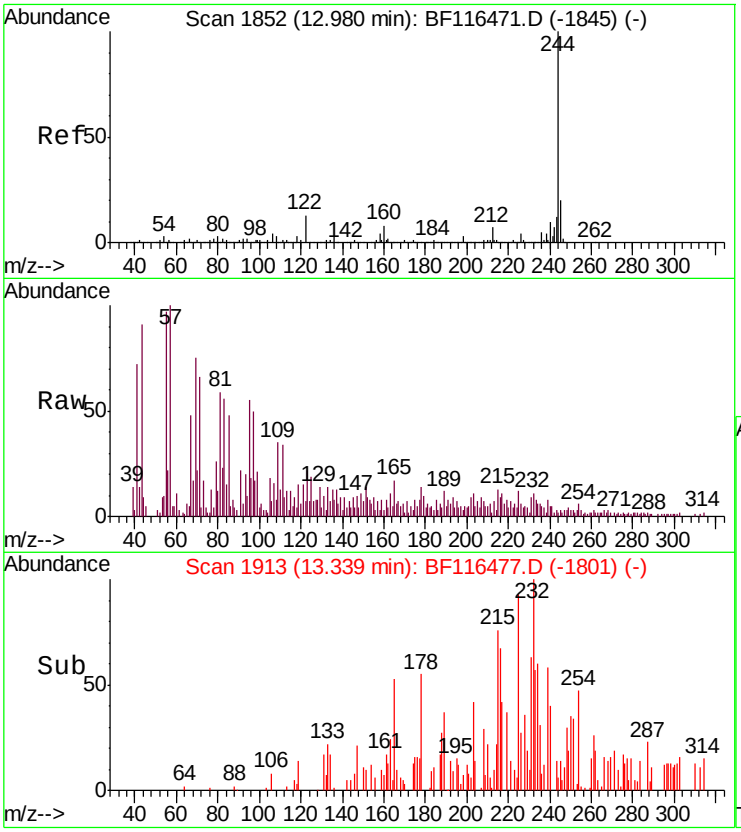


#78
Pyrene
Concen: 6.458 ng
RT: 13.22 min Scan# 1892
Delta R.T. 0.38 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:202 Resp: 1273

Ion	Ratio	Lower	Upper
202	100		
200	26.4	17.0	25.4#
203	122.1	14.2	21.4#



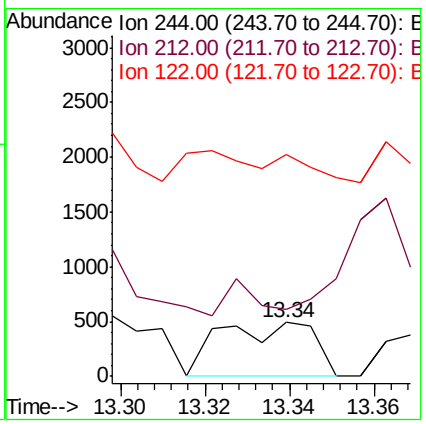


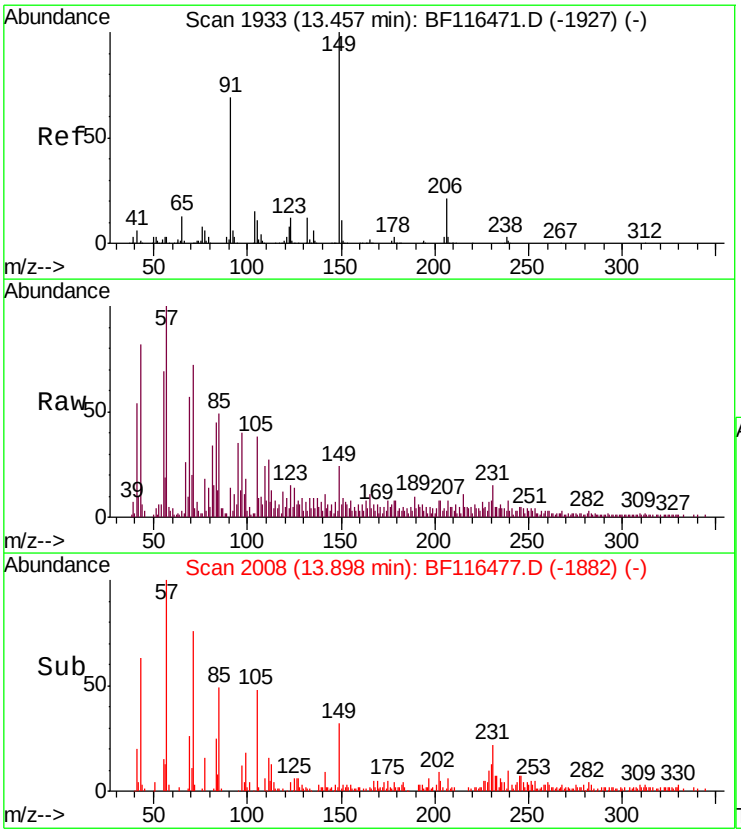
#79
Terphenyl-d14
Concen: 5.774 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:244 Resp: 762

Ion	Ratio	Lower	Upper
244	100		
212	124.4	5.7	8.5#
122	410.4	10.2	15.4#

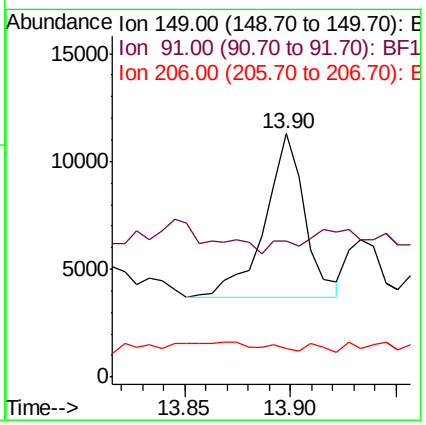


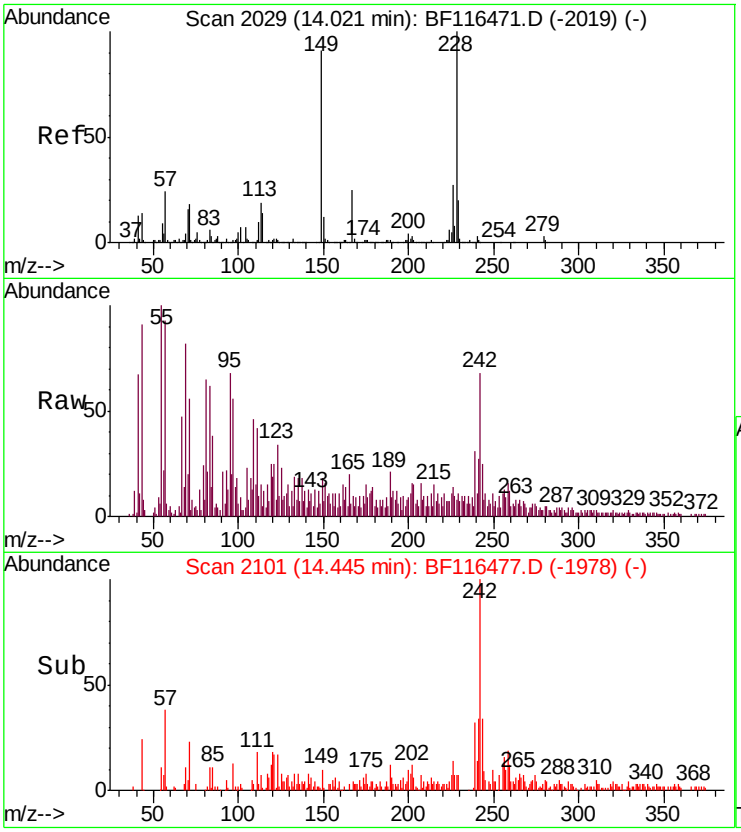


#80
Butylbenzylphthalate
Concen: 118.108 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.44 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:149 Resp: 10055

Ion	Ratio	Lower	Upper
149	100		
91	55.9	54.9	82.3
206	11.5	16.6	24.8#



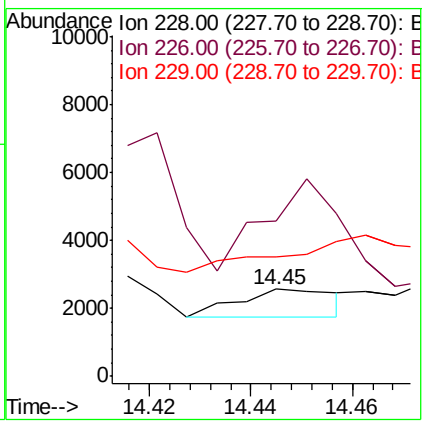


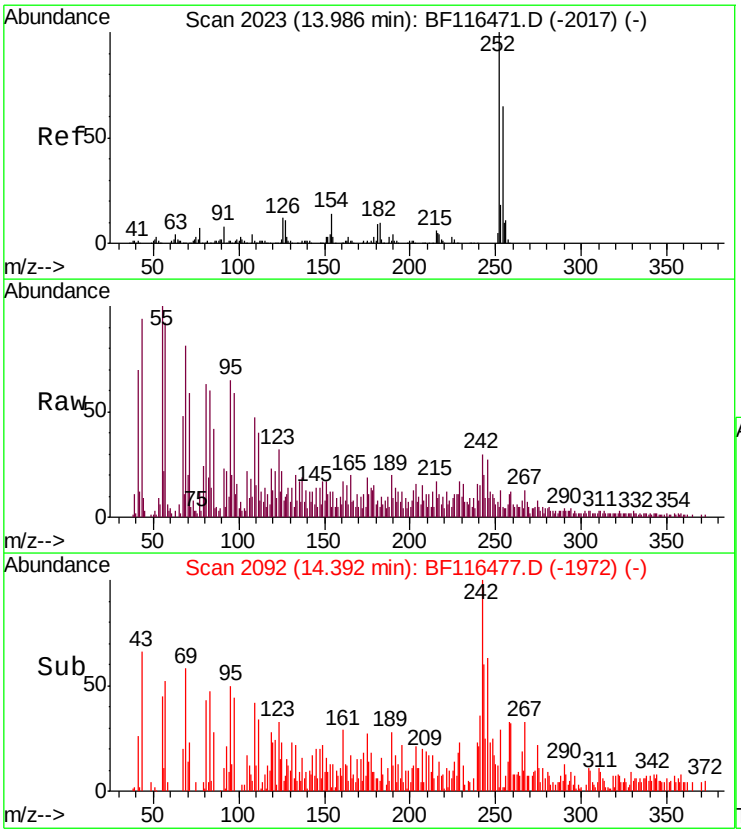
#81
Benzo(a)anthracene
Concen: 6.790 ng
RT: 14.45 min Scan# 2101
Delta R.T. 0.42 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:228 Resp: 1084

Ion	Ratio	Lower	Upper
228	100		
226	178.8	21.8	32.6#
229	137.6	15.9	23.9#

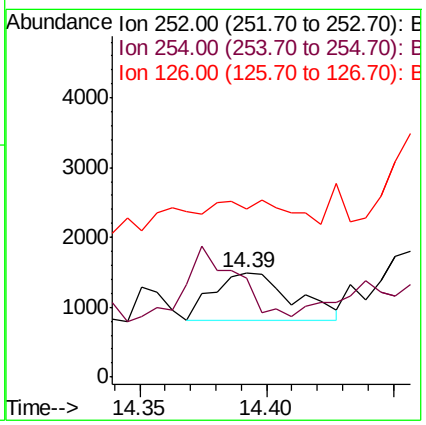


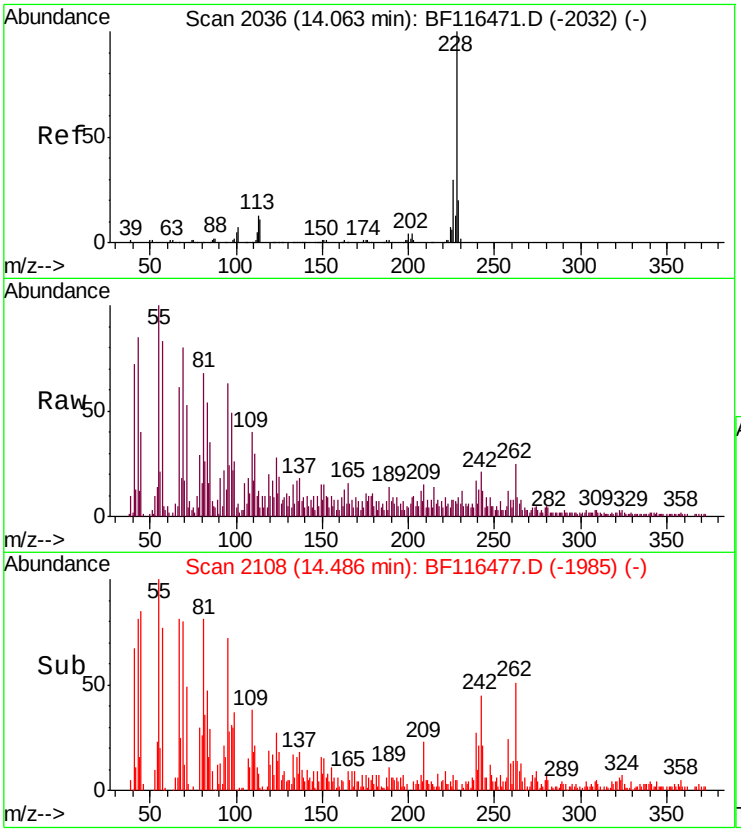


#82
3,3'-Dichlorobenzidine
Concen: 25.978 ng
RT: 14.39 min Scan# 2092
Delta R.T. 0.41 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:252 Resp: 1478

Ion	Ratio	Lower	Upper
252	100		
254	94.3	51.9	77.9#
126	161.3	9.4	14.0#



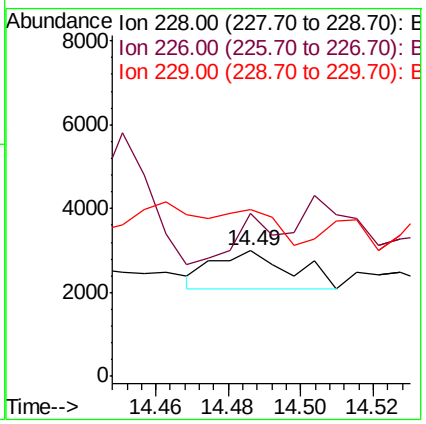


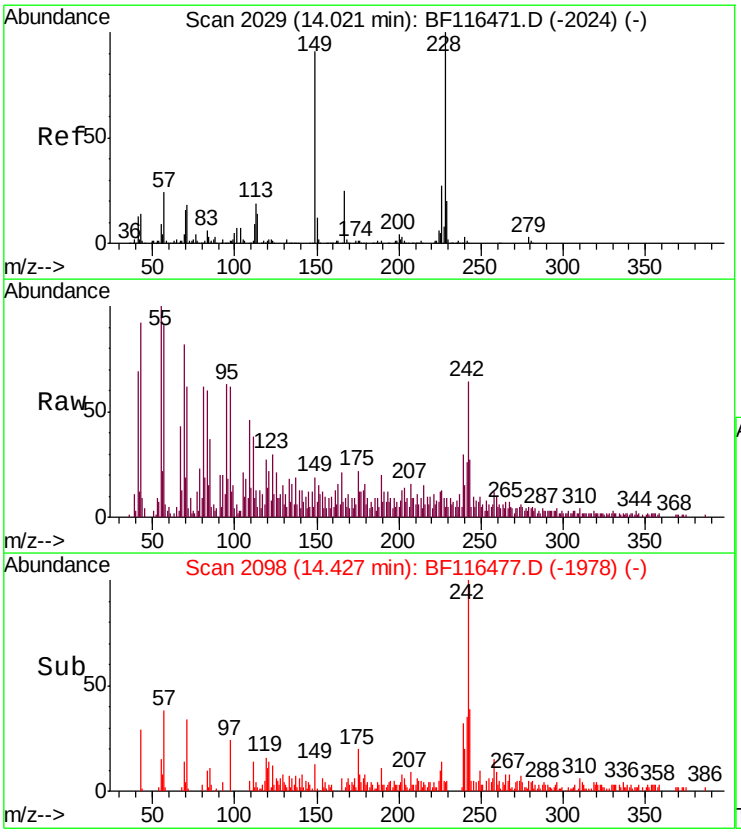
#83
Chrysene
Concen: 8.201 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.42 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:228 Resp: 1327

Ion	Ratio	Lower	Upper
228	100		
226	130.0	24.2	36.2#
229	133.0	15.8	23.6#

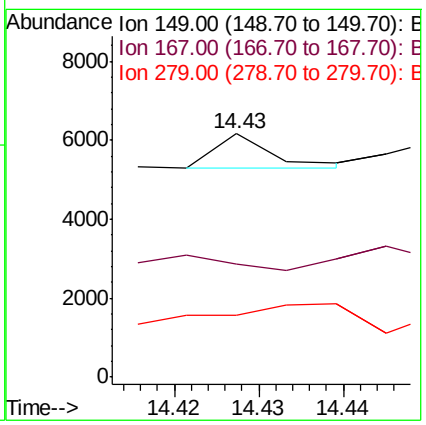


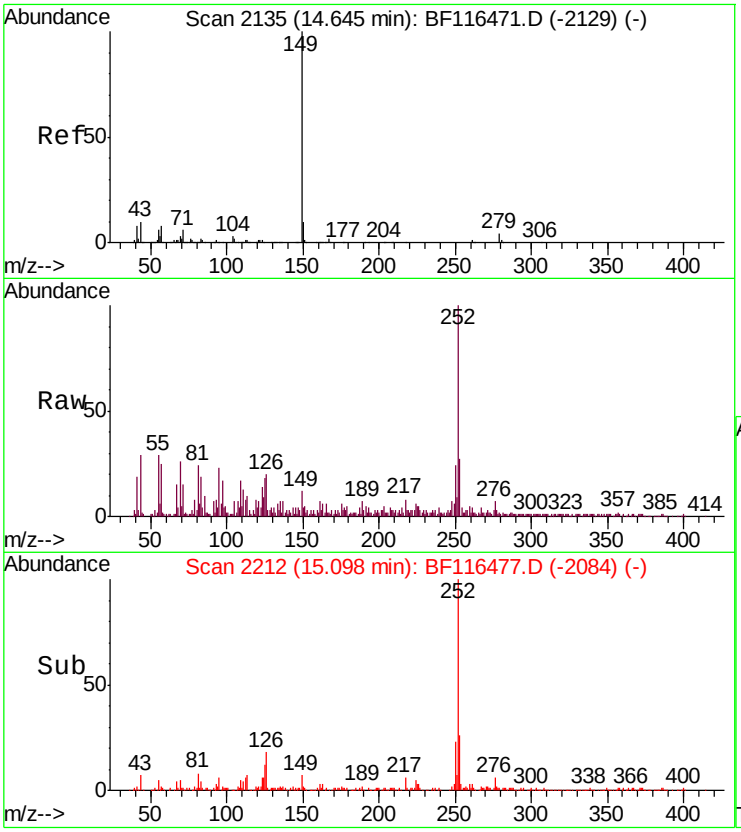


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.585 ng
RT: 14.43 min Scan# 2098
Delta R.T. 0.41 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:149 Resp: 407

Ion	Ratio	Lower	Upper
149	100		
167	46.6	21.8	32.6#
279	25.5	3.0	4.4#



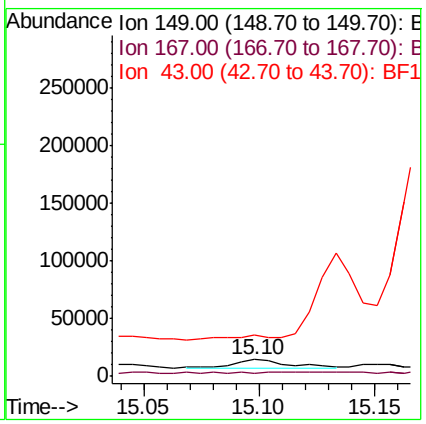


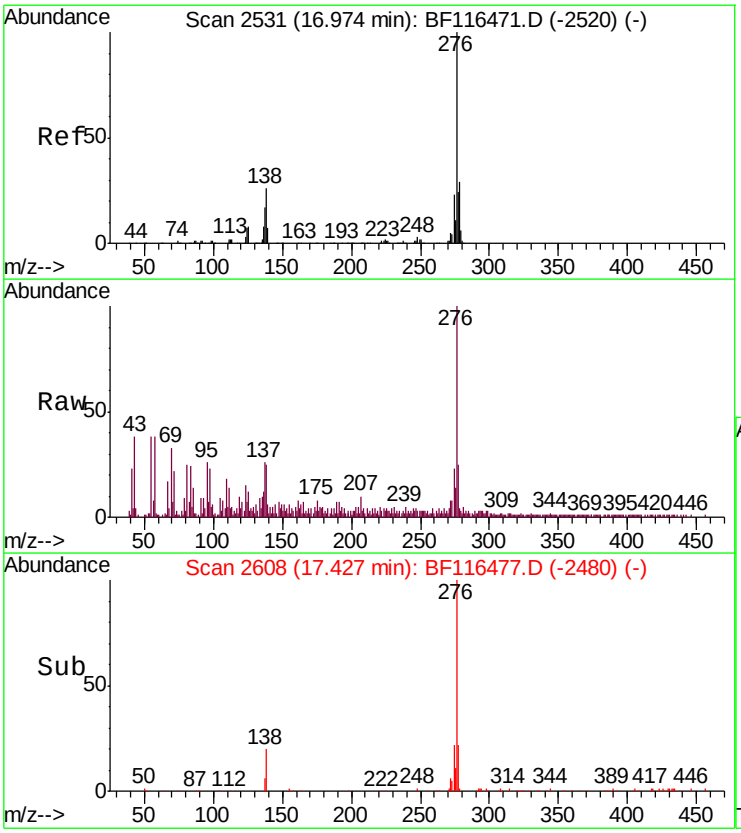
#85
Di-n-octyl phthalate
Concen: 57.688 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.45 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:149 Resp: 11118

Ion	Ratio	Lower	Upper
149	100		
167	3.8	1.3	1.9#
43	0.0	7.8	11.8#

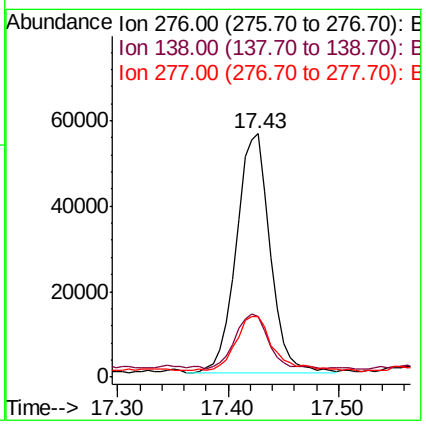


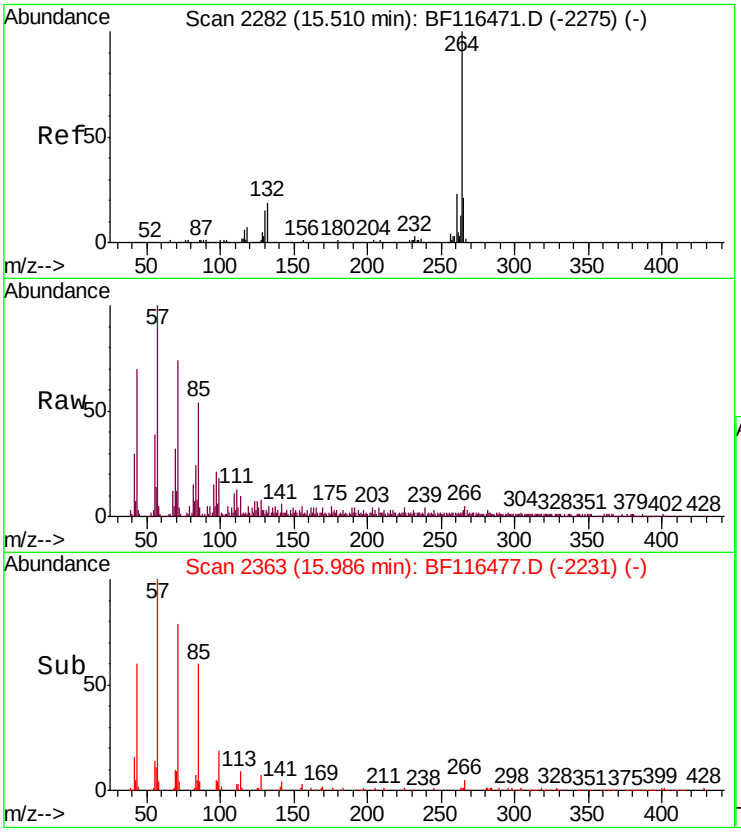


#86
Indeno(1,2,3-cd)pyrene
Concen: 870.689 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.45 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:276 Resp: 120689

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.9	34.3#
277	25.6	19.9	29.9



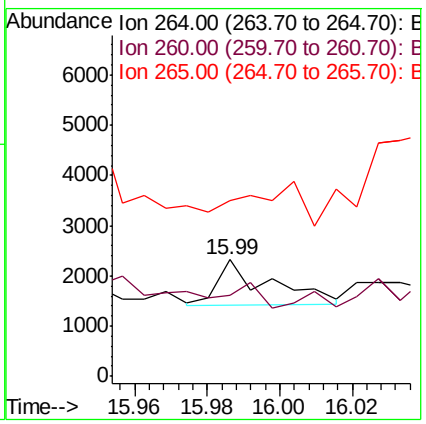


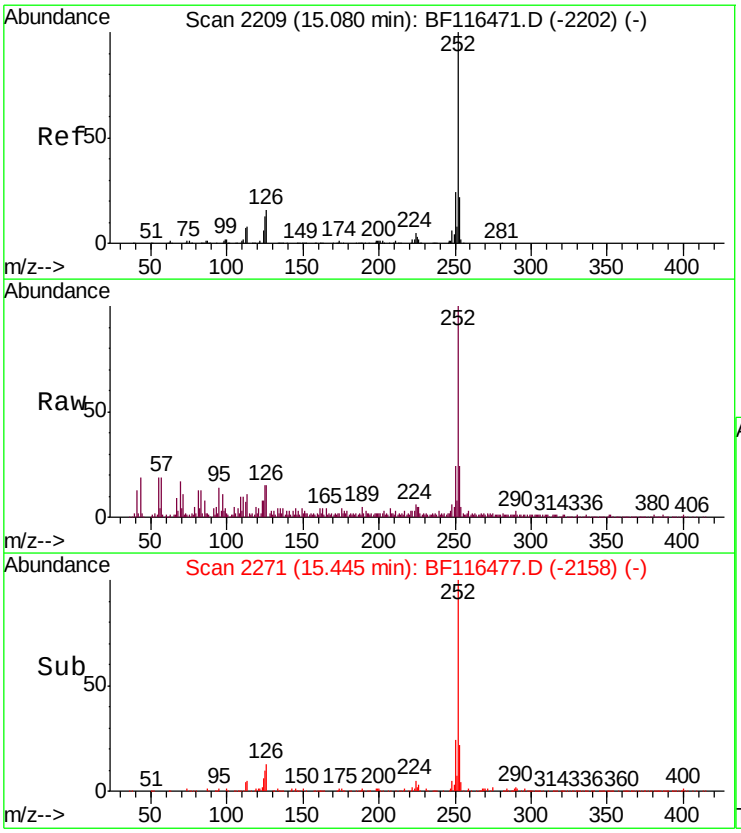
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.99 min Scan# 2363
Delta R.T. 0.48 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:264 Resp: 908

Ion	Ratio	Lower	Upper
264	100		
260	70.0	18.8	28.2#
265	150.7	17.1	25.7#

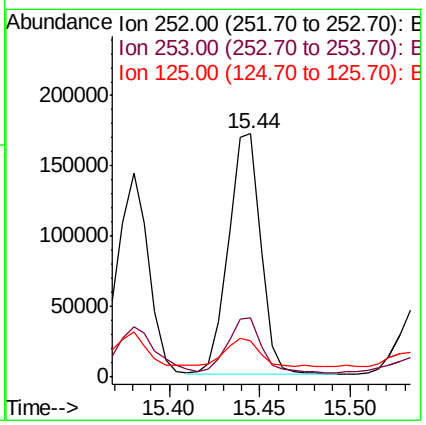


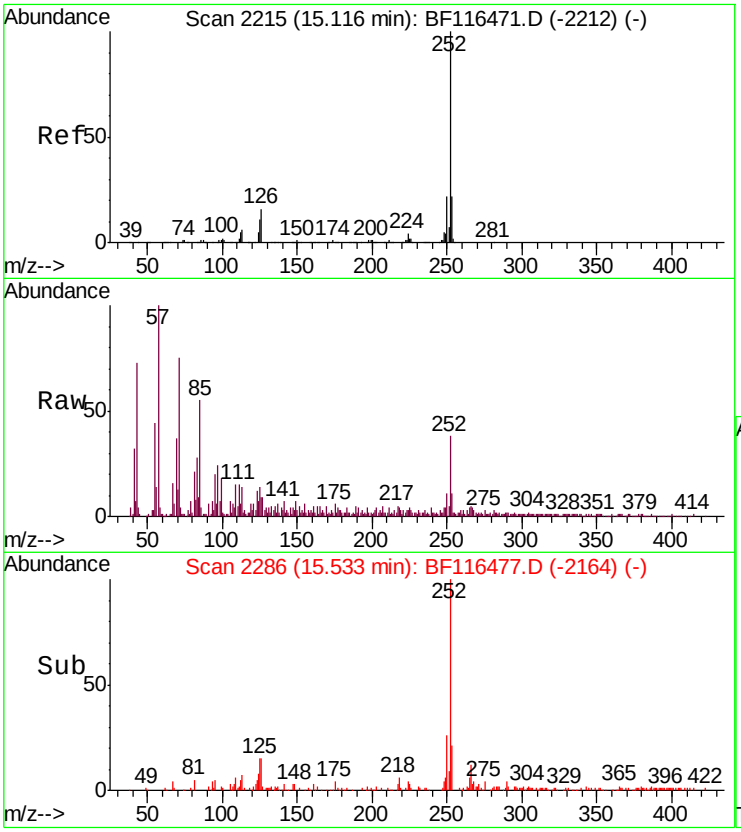


#88
Benzo(b)fluoranthene
Concen: 3782.820 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.36 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:252 Resp: 212186

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	15.1	10.1	15.1



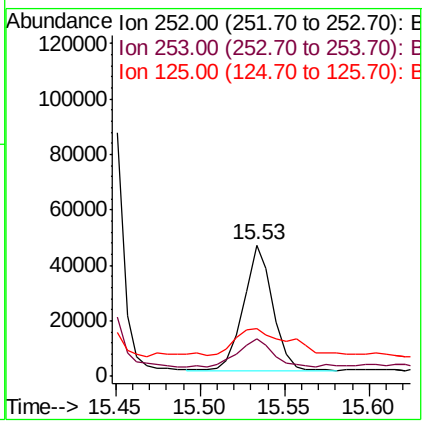


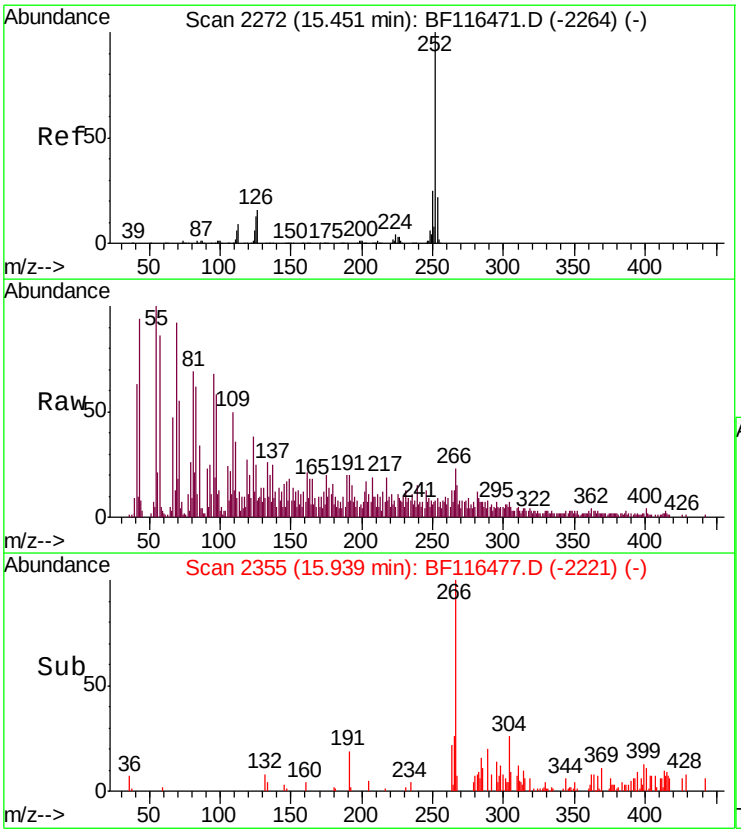
#89
Benzo(k)fluoranthene
Concen: 1059.835 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.42 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:252 Resp: 53857

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.4	26.2#
125	36.4	9.1	13.7#

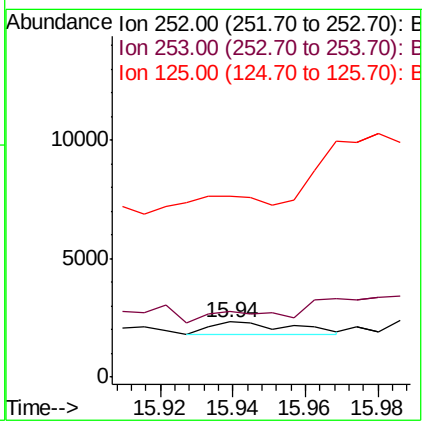


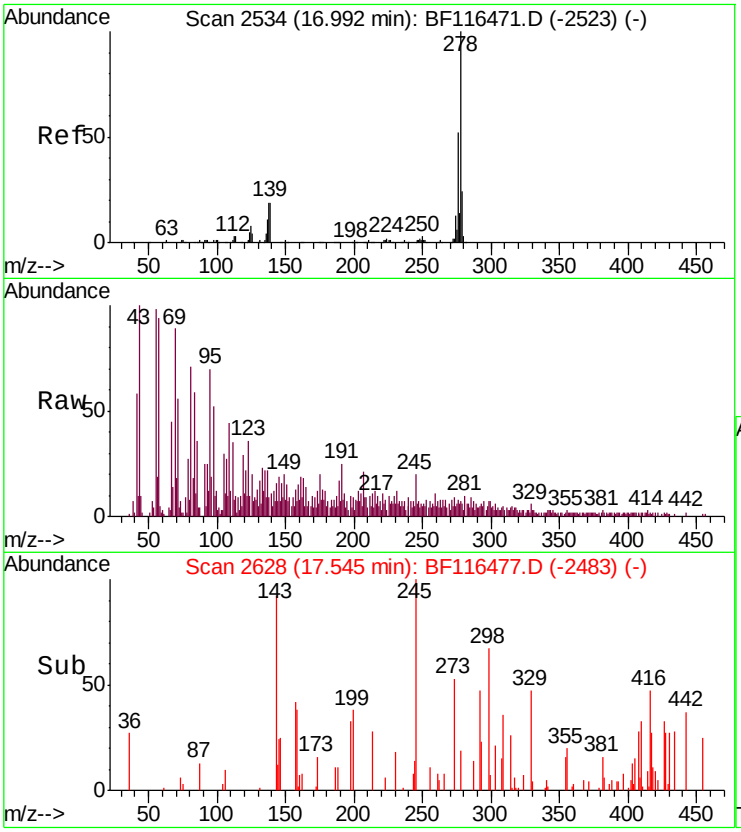


#90
Benzo(a)pyrene
Concen: 17.630 ng
RT: 15.94 min Scan# 2355
Delta R.T. 0.49 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:252 Resp: 874

Ion	Ratio	Lower	Upper
252	100		
253	119.4	17.2	25.8#
125	328.2	10.2	15.4#



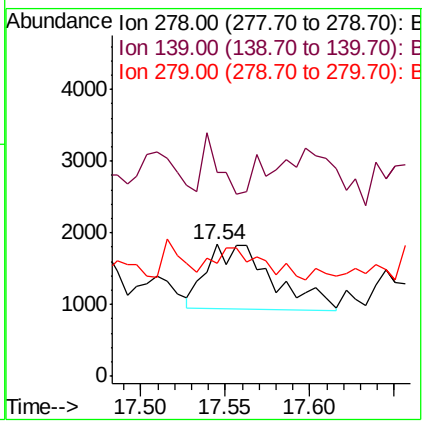


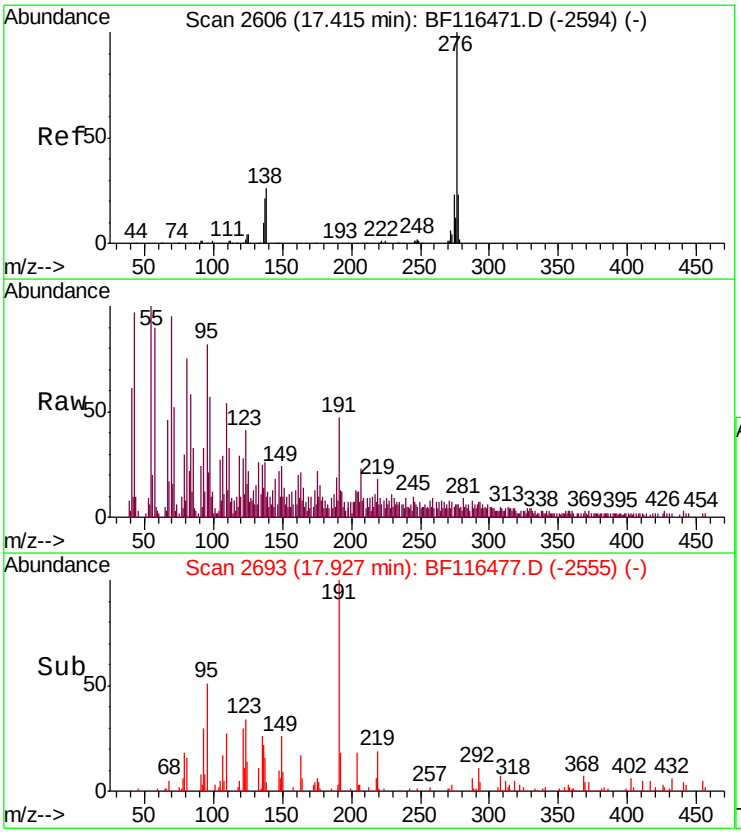
#91
Dibenzo(a,h)anthracene
Concen: 59.505 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.55 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-08-082019RE

Tgt Ion:278 Resp: 2424

Ion	Ratio	Lower	Upper
278	100		
139	154.8	15.3	22.9#
279	86.1	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 16.325 ng
RT: 17.93 min Scan# 2693
Delta R.T. 0.51 min
Lab File: BF116477.D
Acq: 23 Aug 2019 14:45

Tgt Ion:276 Resp: 634

Ion	Ratio	Lower	Upper
276	100		
277	108.3	18.7	28.1#
138	168.8	20.8	31.2#