Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114684.D
Acq On : 31 May 2019 2:05
Operator : HP/JU
Sample : K3041-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 31 05:48:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	386693	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1427675	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	633260	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1132392	20.00	ng		0.00
76) Chrysene-d12	13.82	240	744055	20.00	ng		0.00
87) Perylene-d12	15.21	264	613901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1359498	61.73	ng		0.00
7) Phenol-d6	6.33	99	1640765	61.82	ng		0.00
23) Nitrobenzene-d5	7.25	82	960999	42.00	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	324123	53.72	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1432258	32.63	ng		0.00
79) Terphenyl-d14	12.78	244	1252902	31.66	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.23	77	4718	Below Cal			93
17) 2-Methylphenol	7.10	107	52575	2.444	ng	#	74
19) n-Nitroso-di-n-propylamine	7.25	70	129269	7.056	ng	#	78
20) 3+4-Methylphenols	7.10	107	52575	2.078	ng	#	56
25) Isophorone	7.25	82	917615	19.981	ng	#	63
31) Naphthalene	8.00	128	1193557	18.150	ng		97
33) 4-Chloroaniline	8.00	127	159526	5.092	ng	#	34
37) 2-Methylnaphthalene	8.69	142	516611	11.824	ng		98
38) 1-Methylnaphthalene	8.79	142	238767	5.768	ng		99
50) Dimethylphthalate	9.45	163	199458	4.520	ng		97
52) Acenaphthene	9.76	154	800475	21.911	ng		99
55) Dibenzofuran	9.93	168	976838	18.784	ng		97
56) 4-Nitrophenol	9.93	139	367672	39.536	ng	#	17
58) Fluorene	10.27	166	1144426	30.138	ng		100
61) 4-Chlorophenyl-phenylether	10.09	204	680	Below Cal		#	1
69) Atrazine	10.90	200	173	Below Cal		#	1
71) Phenanthrene	11.23	178	3780782	65.451	ng		98
72) Anthracene	11.27	178	1196983	20.474	ng		98
73) Carbazole	11.42	167	283490	5.517	ng		95
74) Di-n-butylphthalate	11.77	149	3833	Below Cal		#	1
75) Fluoranthene	12.40	202	1684002	28.154	ng		98
78) Pyrene	12.63	202	1117783	17.759	ng		98
81) Benzo(a)anthracene	13.81	228	182131	3.185	ng		98
83) Chrysene	13.85	228	159691	2.923	ng		93
89) Benzo(k)fluoranthene	14.82	252	69036	2.054	ng	#	81

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

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Acq On : 31 May 2019 2:05
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 31 05:48:43 2019
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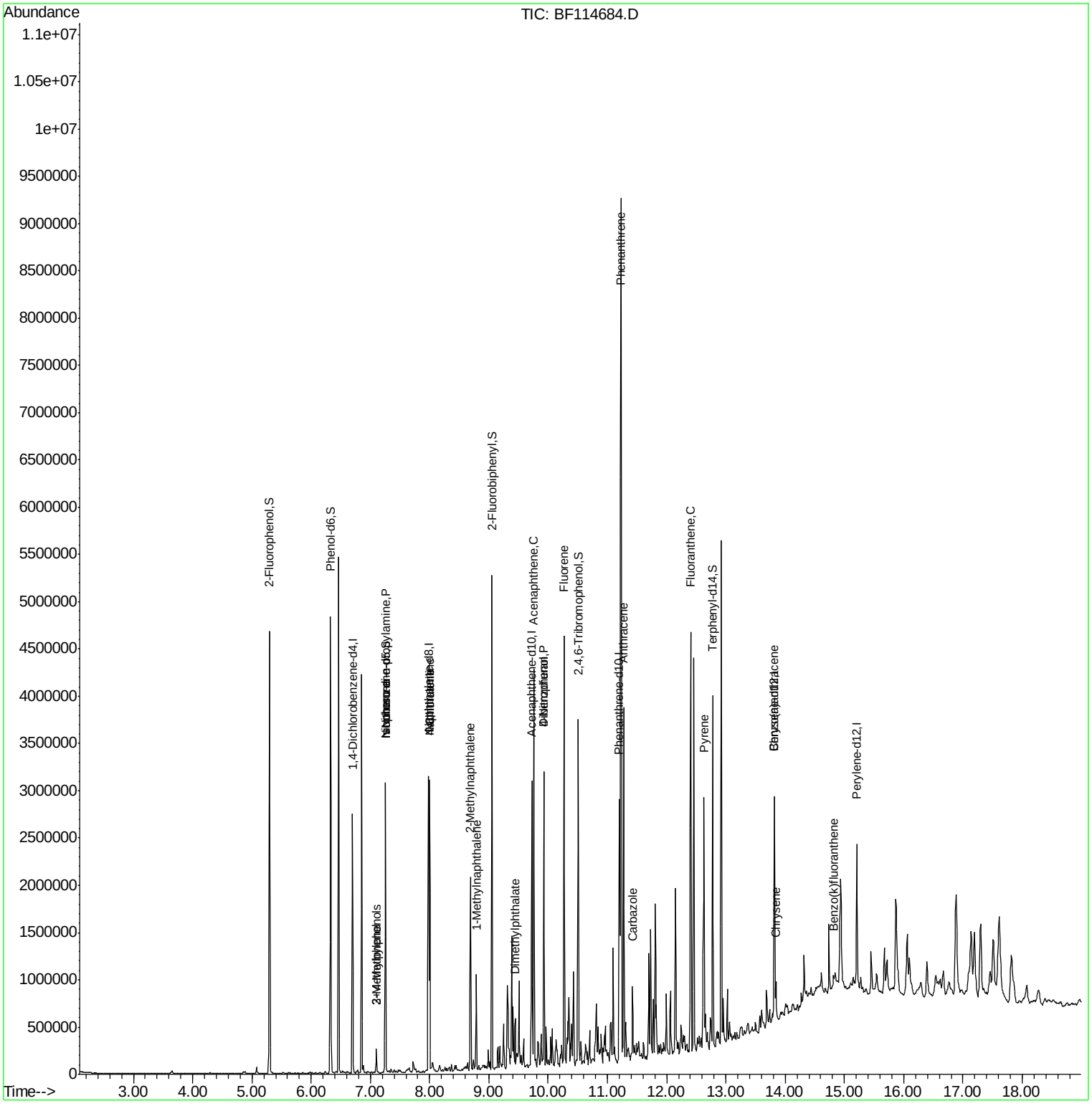
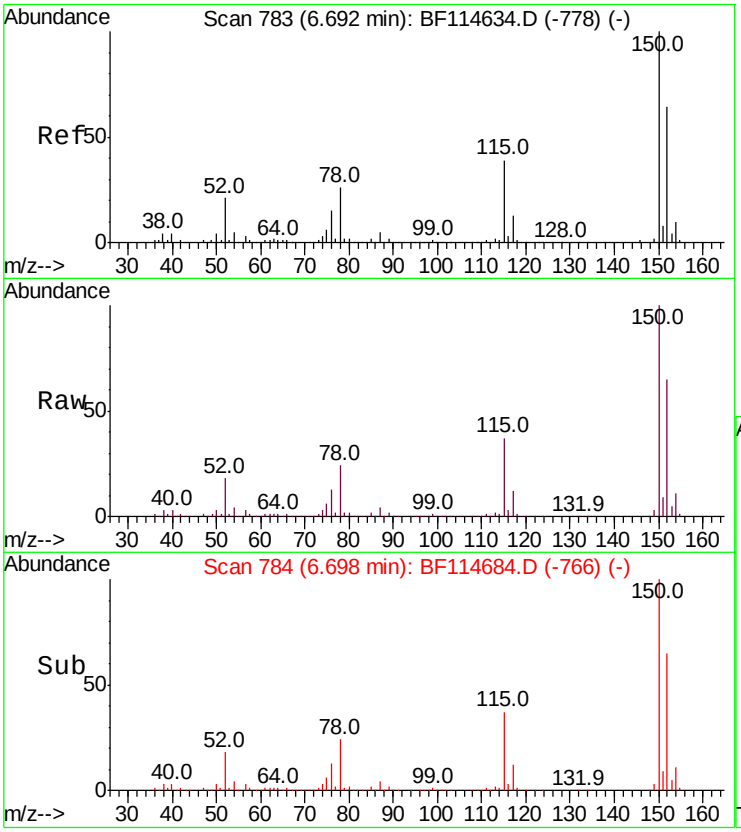
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



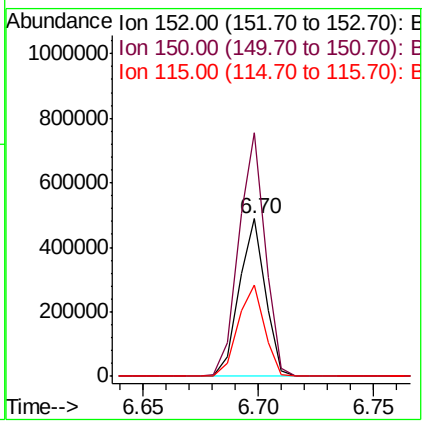


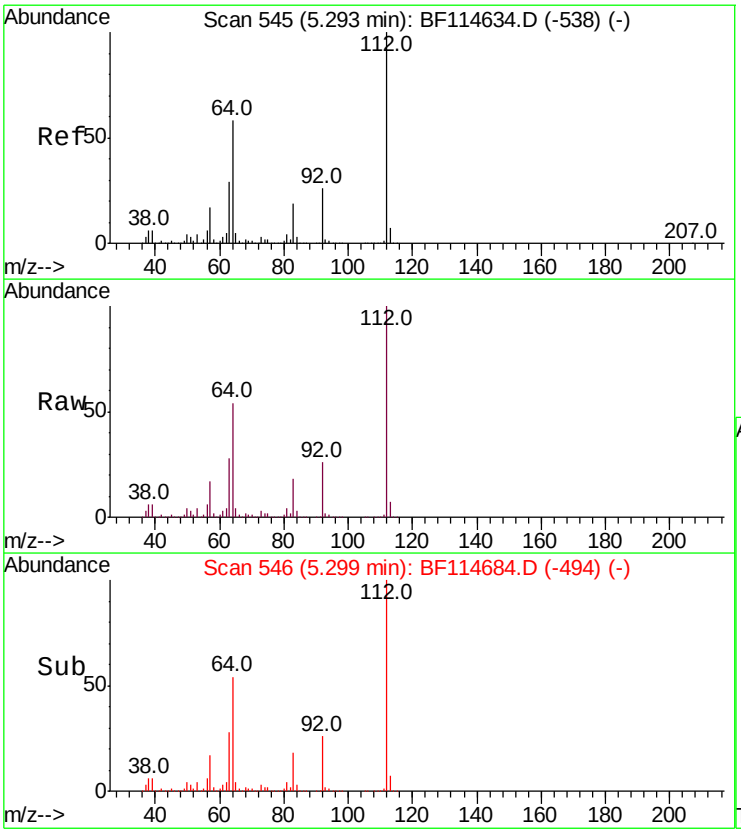
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 386693

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.4	186.6
115	57.7	48.7	73.1

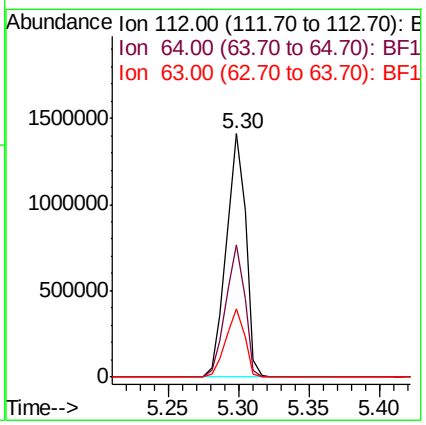


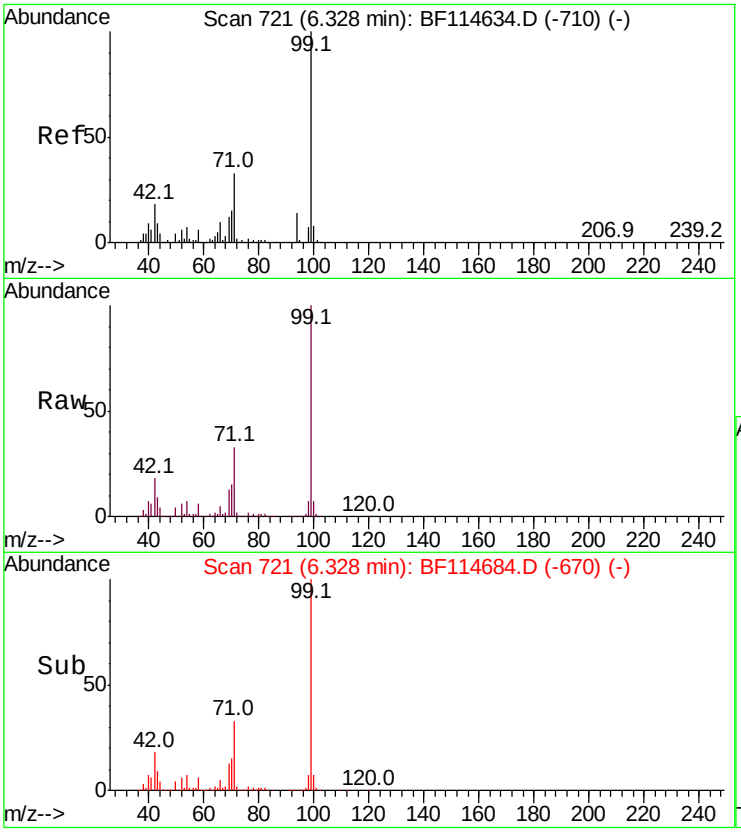


#5
2-Fluorophenol
Concen: 61.726 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:112 Resp: 1359498

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.1	69.1
63	28.2	23.4	35.2



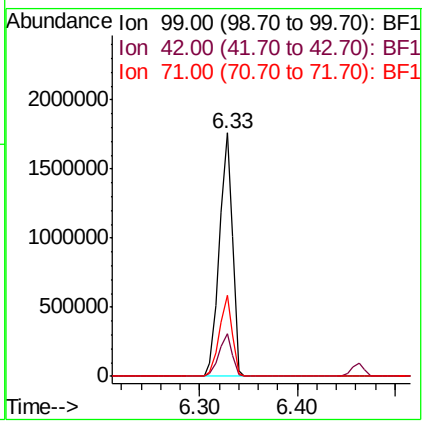


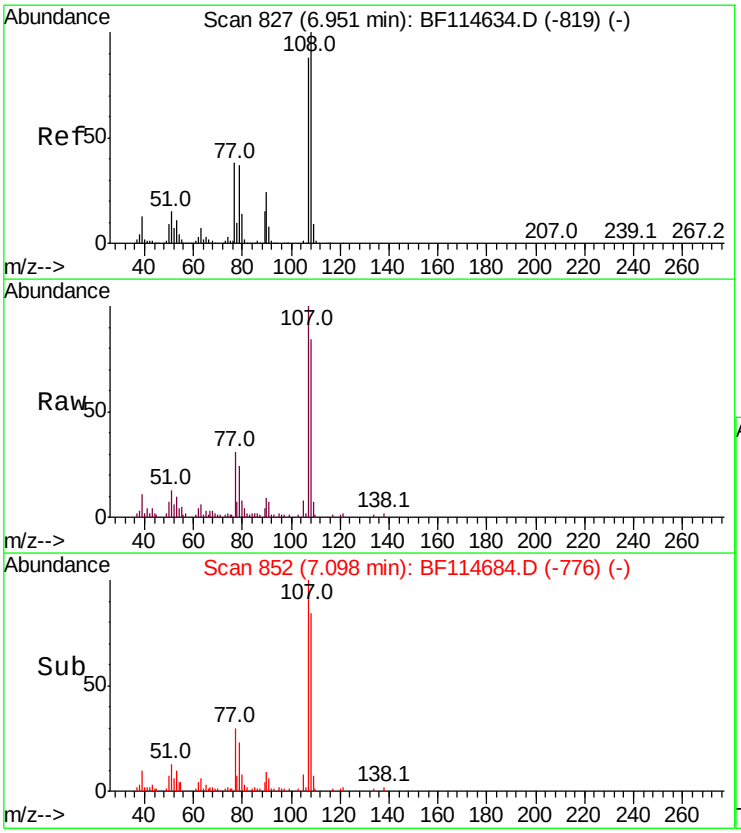
#7
Phenol-d6
Concen: 61.821 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1640765

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	33.4	26.6	40.0

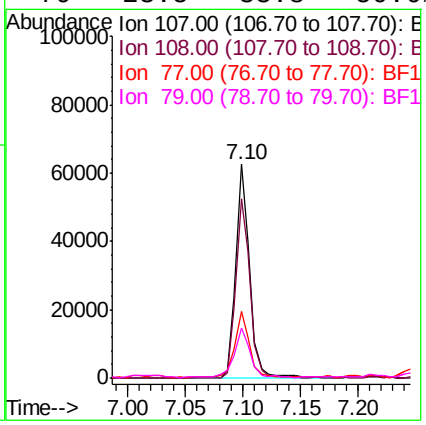


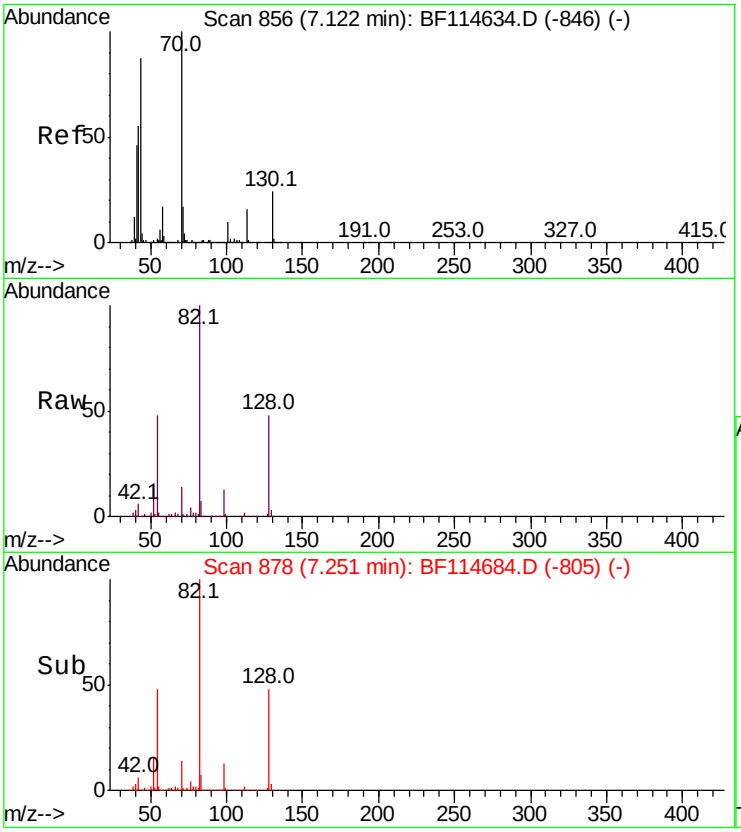


#17
2-Methylphenol
Concen: 2.444 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.15 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:107 Resp: 52575

Ion	Ratio	Lower	Upper
107	100		
108	83.9	91.1	136.7#
77	31.1	34.9	52.3#
79	23.5	33.8	50.6#



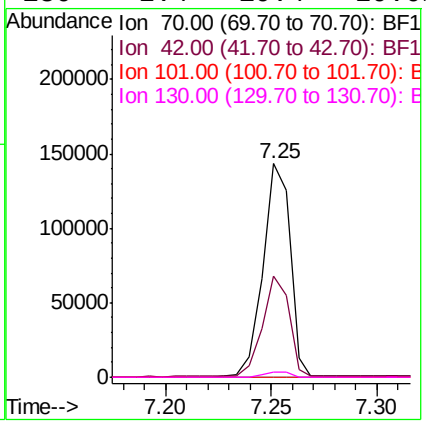


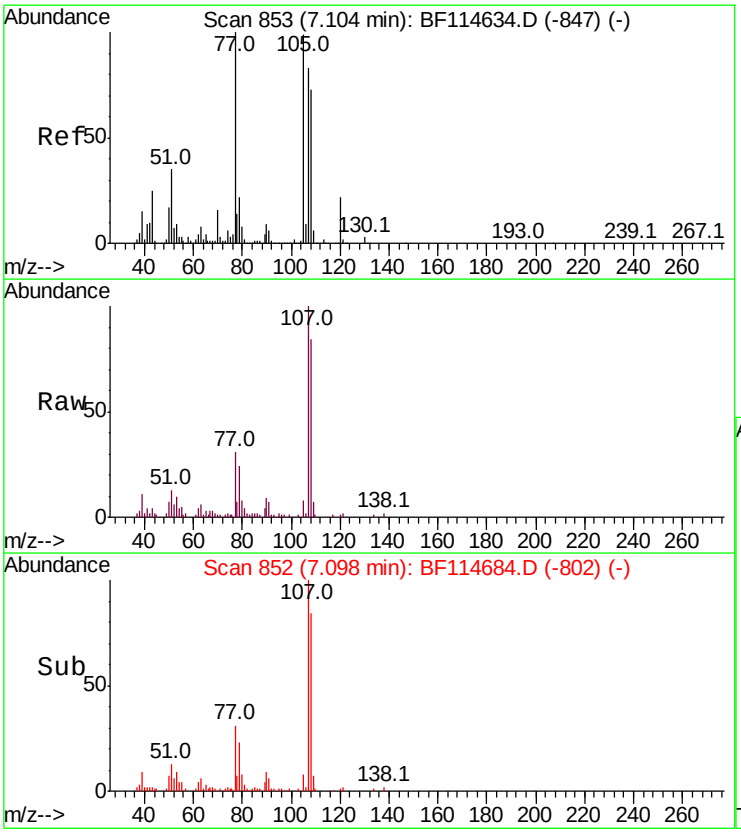
#19
n-Nitroso-di-n-propylamine
Concen: 7.056 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 129269

Ion	Ratio	Lower	Upper
70	100		
42	47.1	44.4	66.6
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#

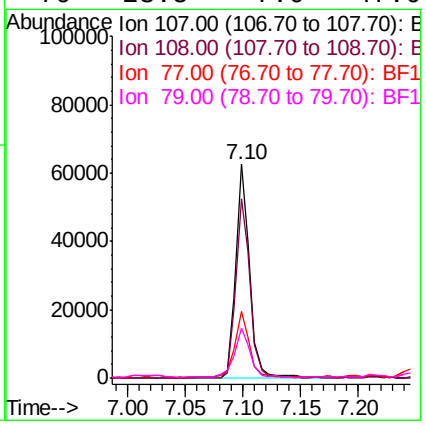


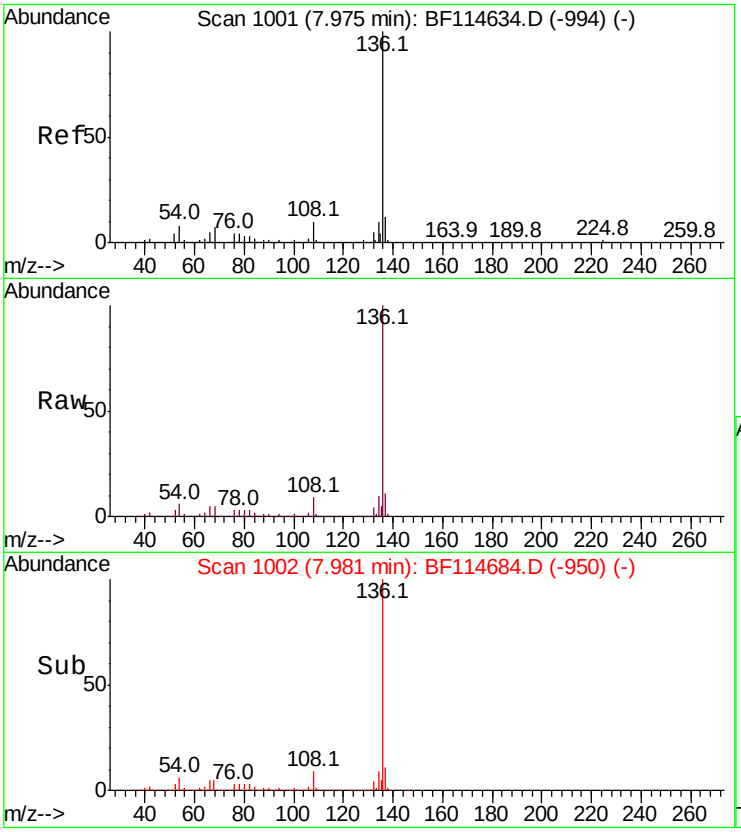


#20
3+4-Methylphenols
Concen: 2.078 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:107 Resp: 52575

Ion	Ratio	Lower	Upper
107	100		
108	83.9	68.6	108.6
77	31.1	100.5	140.5#
79	23.5	7.0	47.0



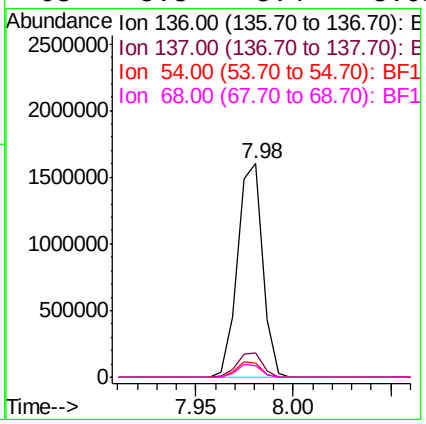


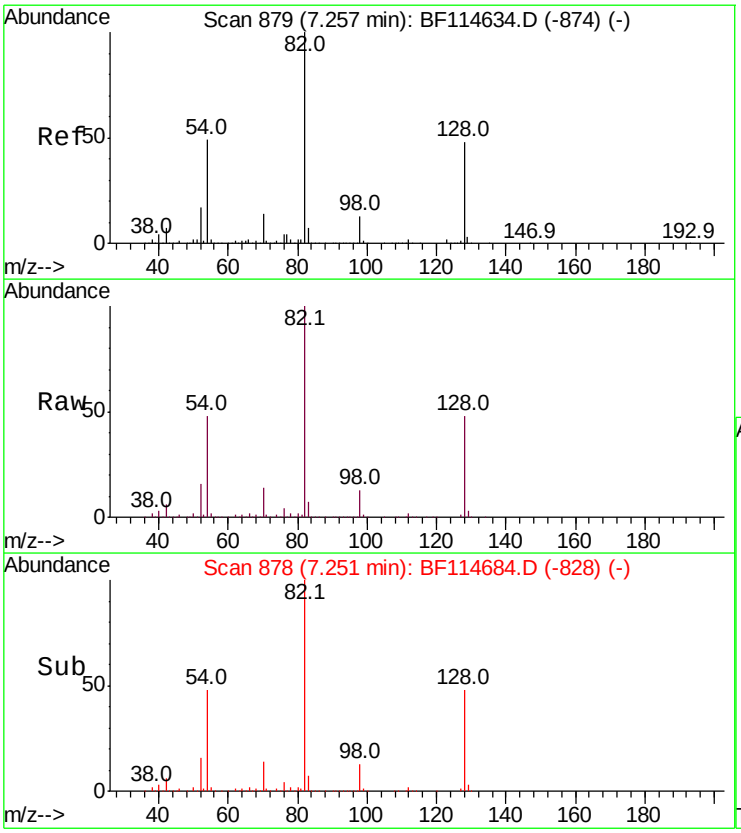
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1427675

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.4	6.3	9.5
68	5.3	5.4	8.0#

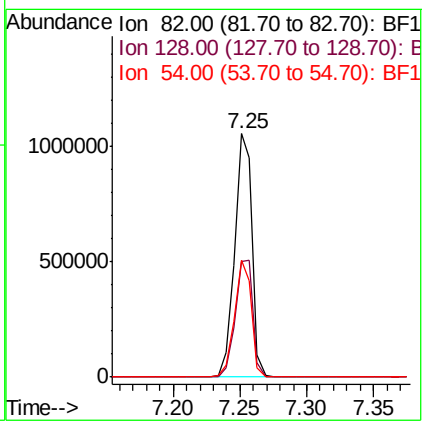


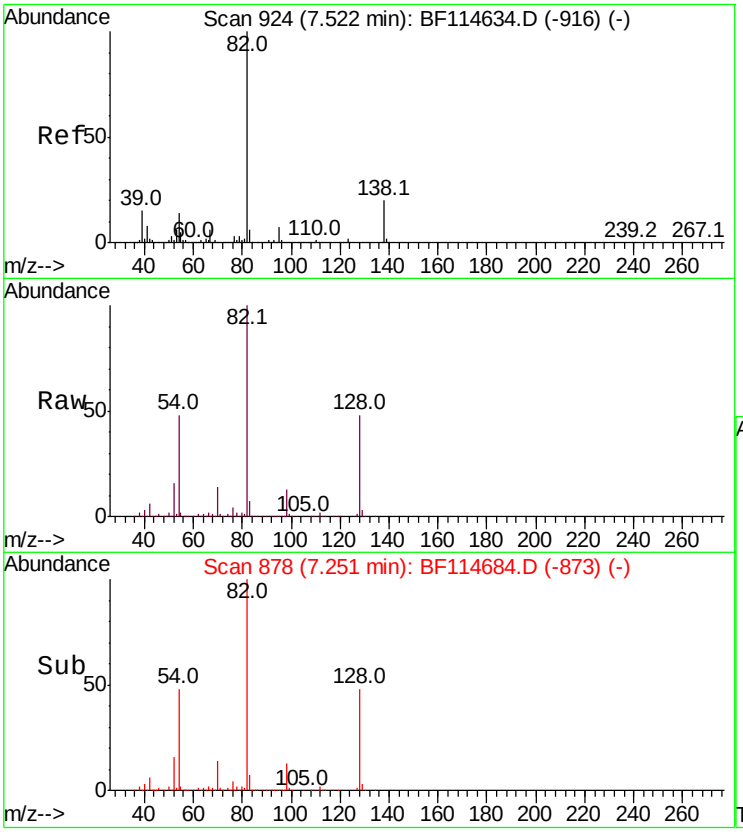


#23
Nitrobenzene-d5
Concen: 41.995 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion: 82 Resp: 960999

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.5	57.7
54	47.9	39.1	58.7



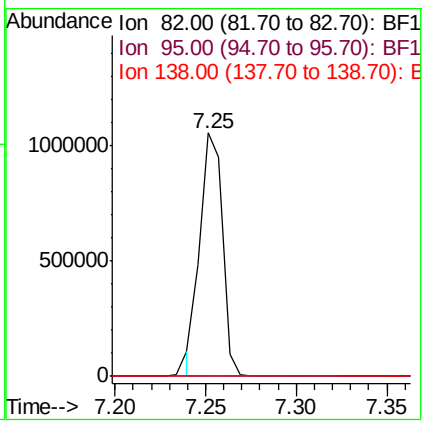


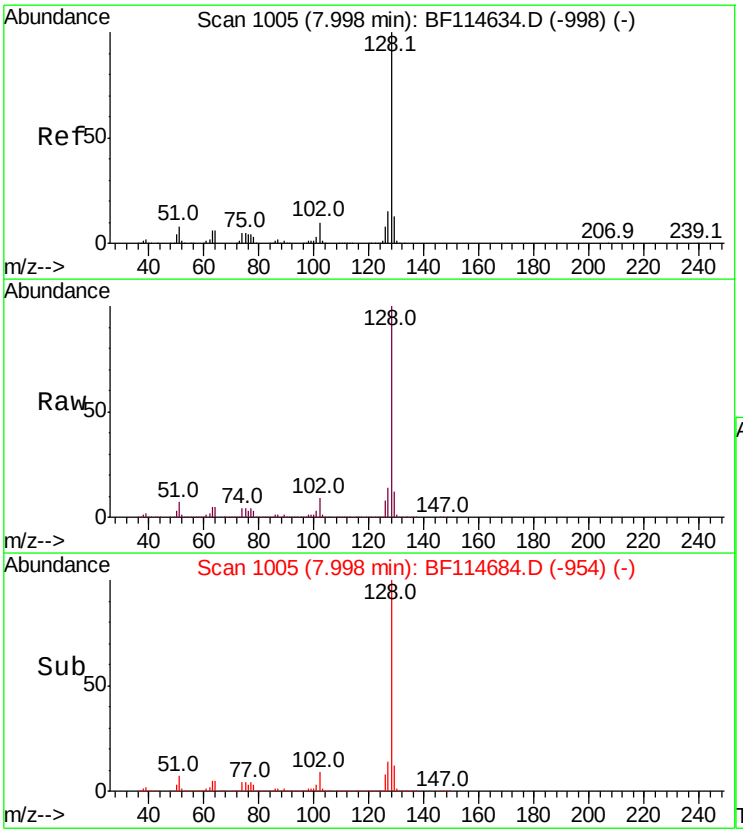
#25
Isophorone
Concen: 19.981 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 917615

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	15.9	23.9#

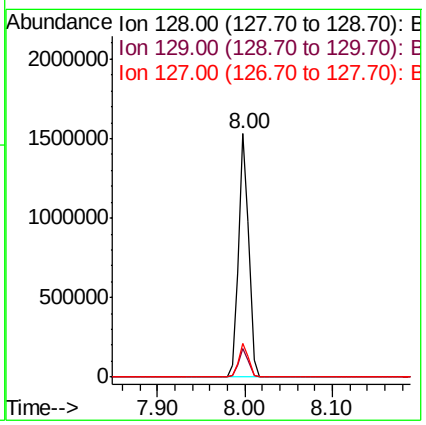


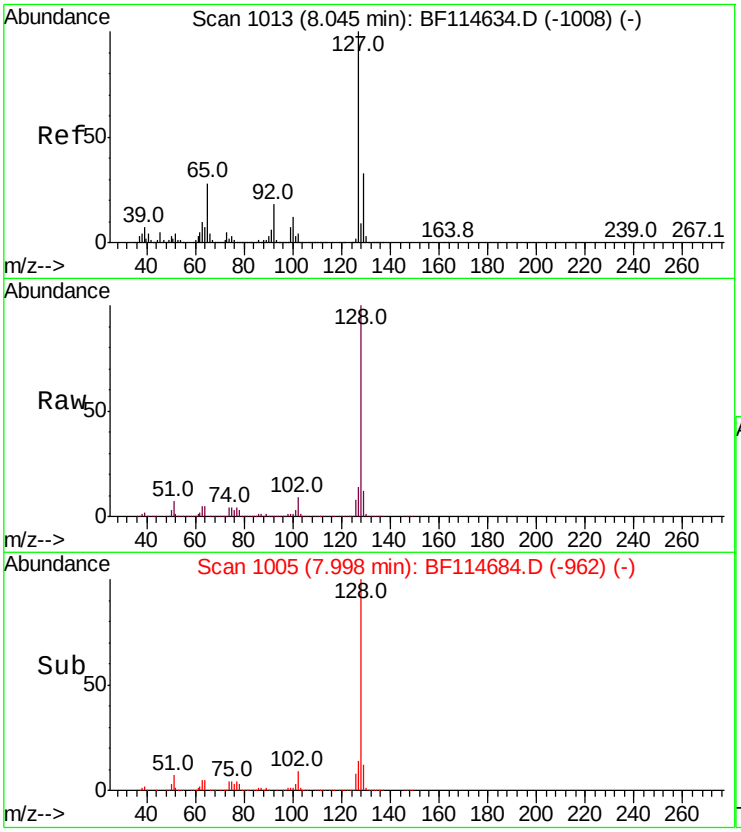


#31
Naphthalene
Concen: 18.150 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:128 Resp: 1193557

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.6	11.9	17.9



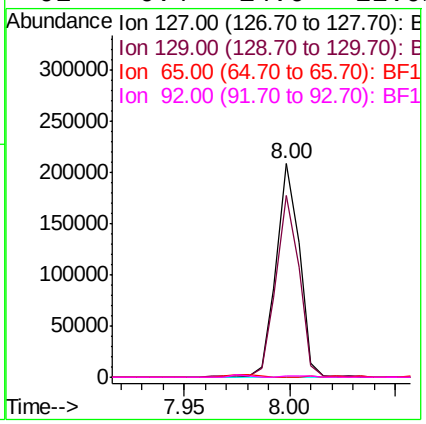


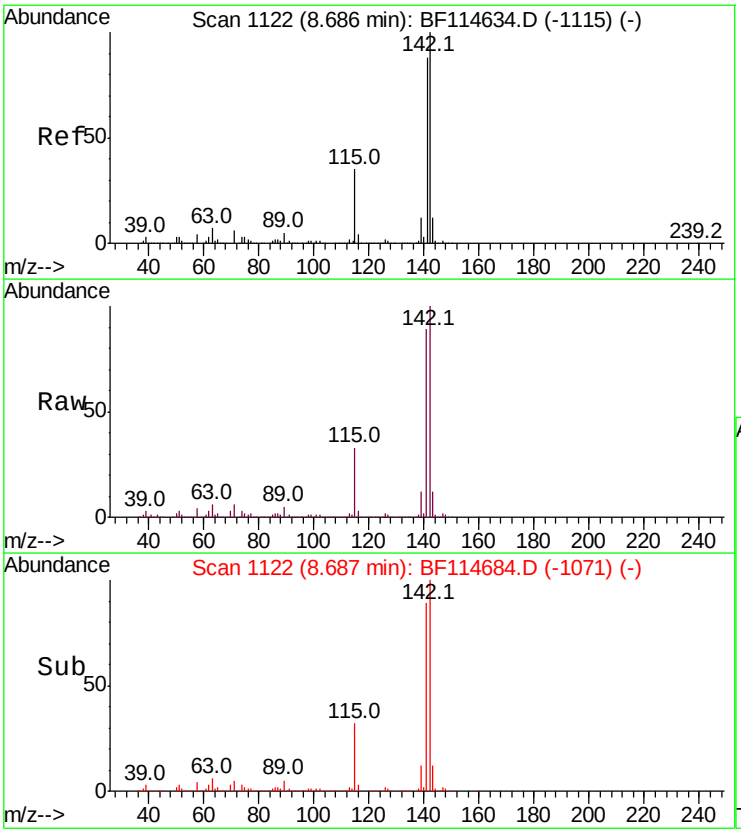
#33
4-Chloroaniline
Concen: 5.092 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 159526

Ion	Ratio	Lower	Upper
127	100		
129	84.9	26.7	40.1#
65	0.0	22.5	33.7#
92	0.4	14.6	22.0#

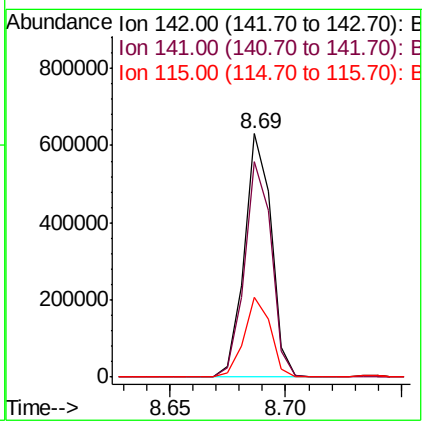


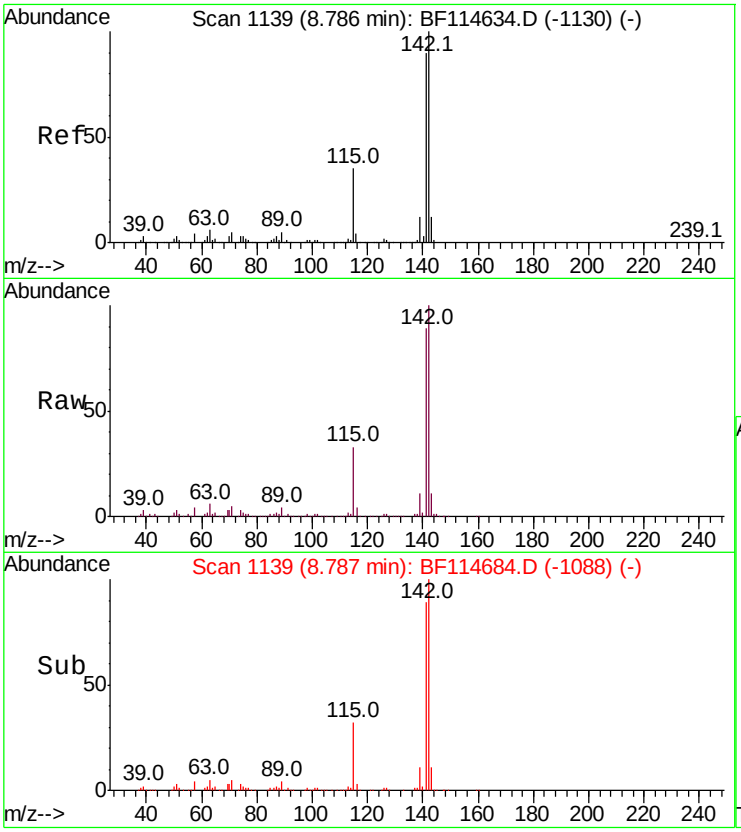


#37
2-Methylnaphthalene
Concen: 11.824 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:142 Resp: 516611

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	32.5	28.0	42.0



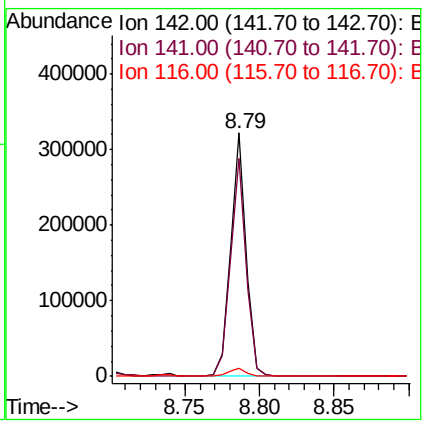


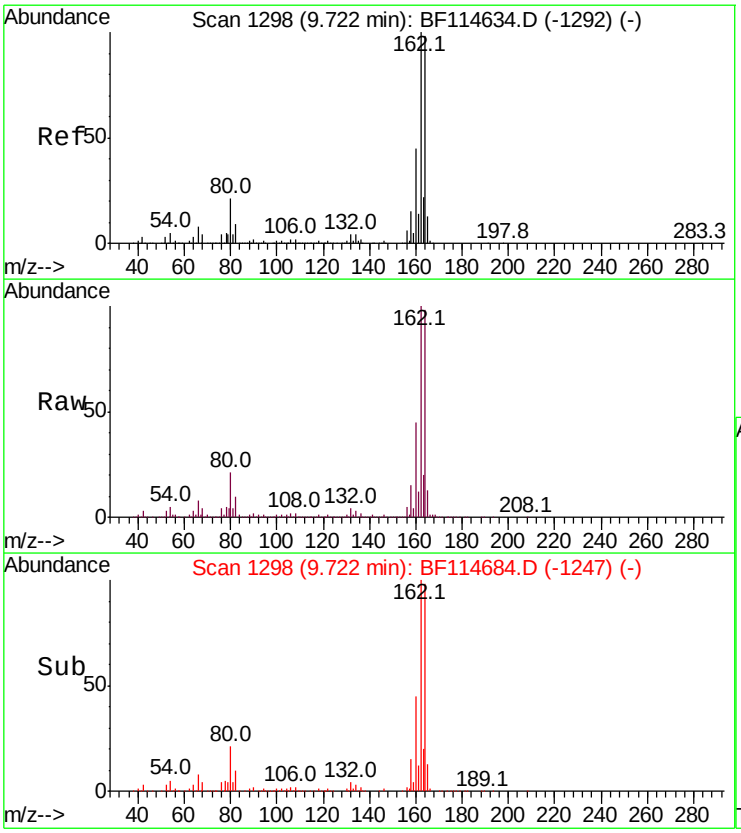
#38
1-Methylnaphthalene
Concen: 5.768 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 238767

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
116	3.5	3.0	4.4

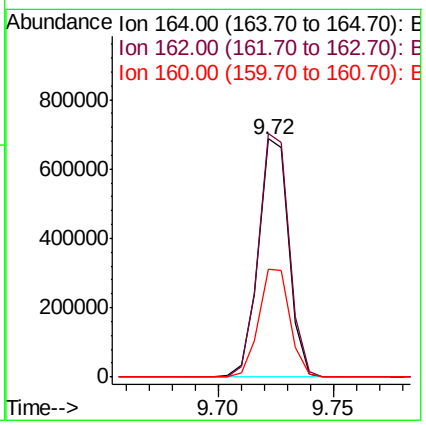


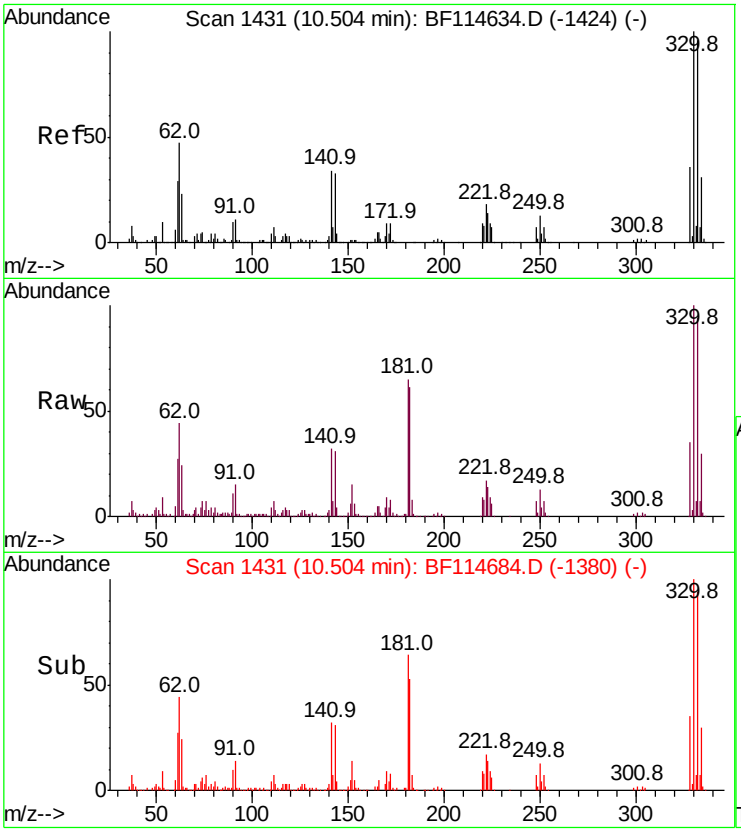


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:164 Resp: 633260

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	45.5	36.6	54.8



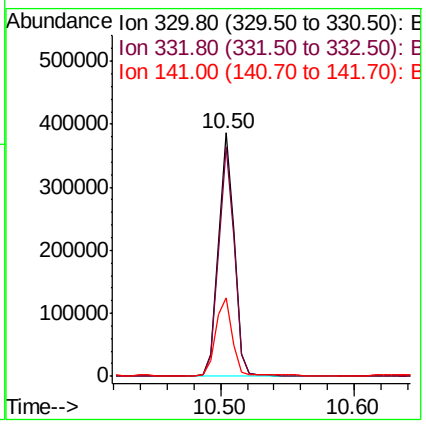


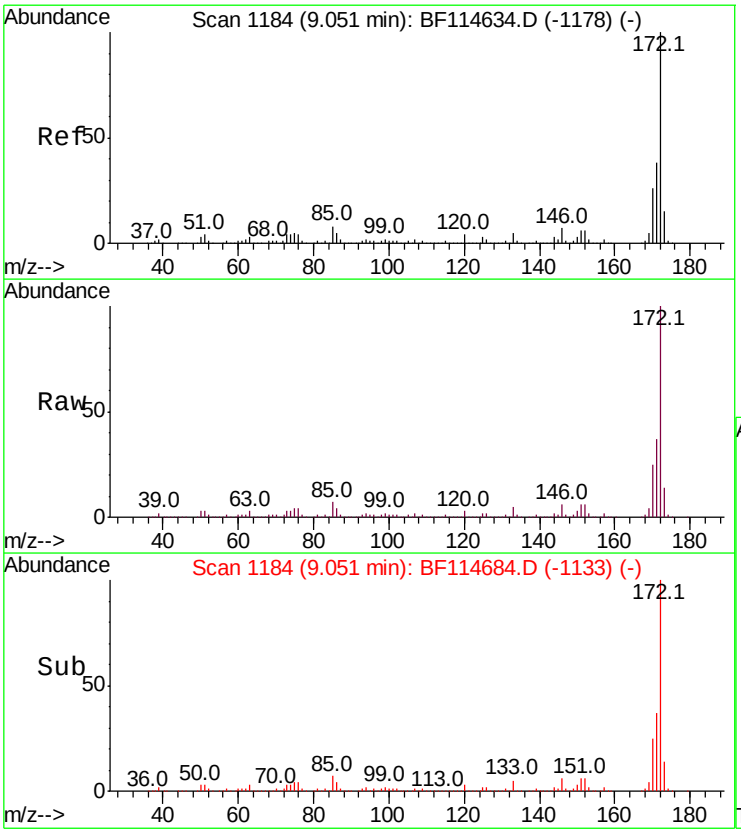
#42
2,4,6-Tribromophenol
Concen: 53.716 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 324123

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.8
141	34.3	27.8	41.8

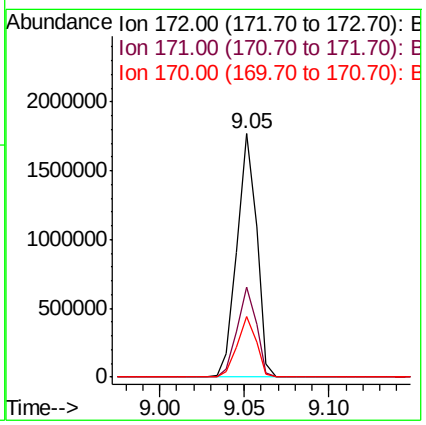


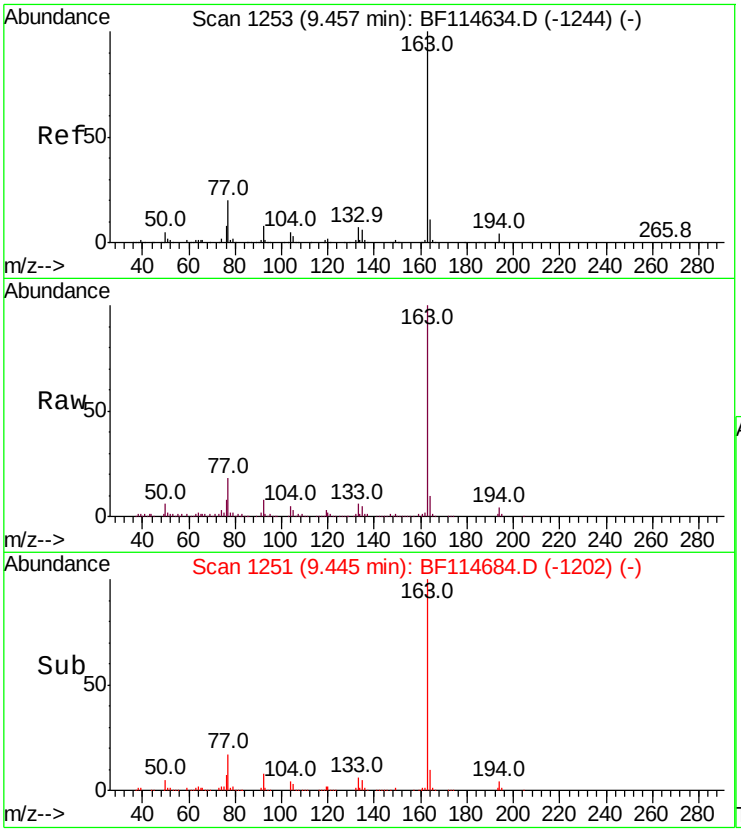


#45
2-Fluorobiphenyl
Concen: 32.626 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:172 Resp: 1432258

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	25.0	20.7	31.1



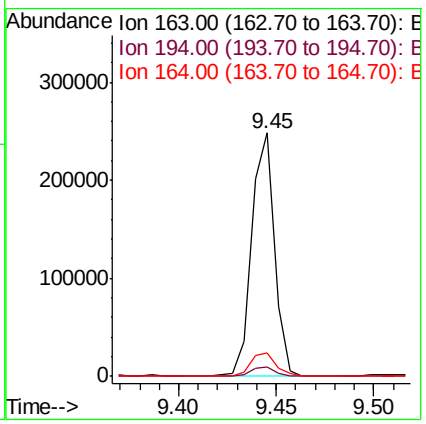


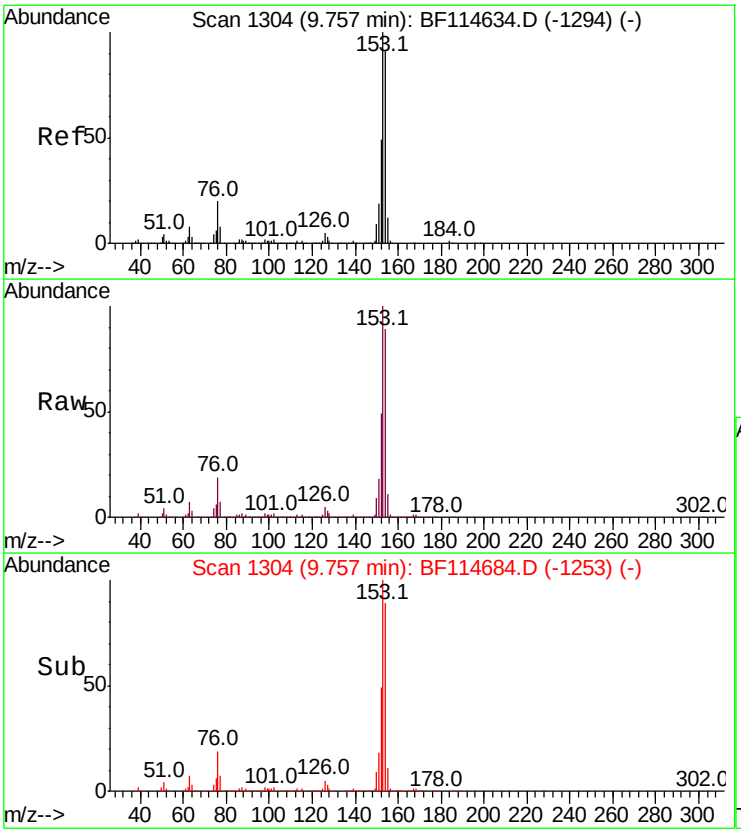
#50
Dimethylphthalate
Concen: 4.520 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 199458

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.6	8.6	13.0

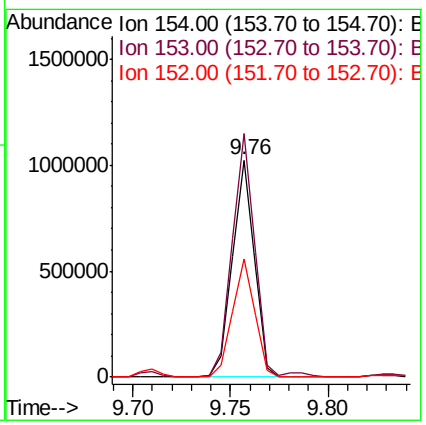


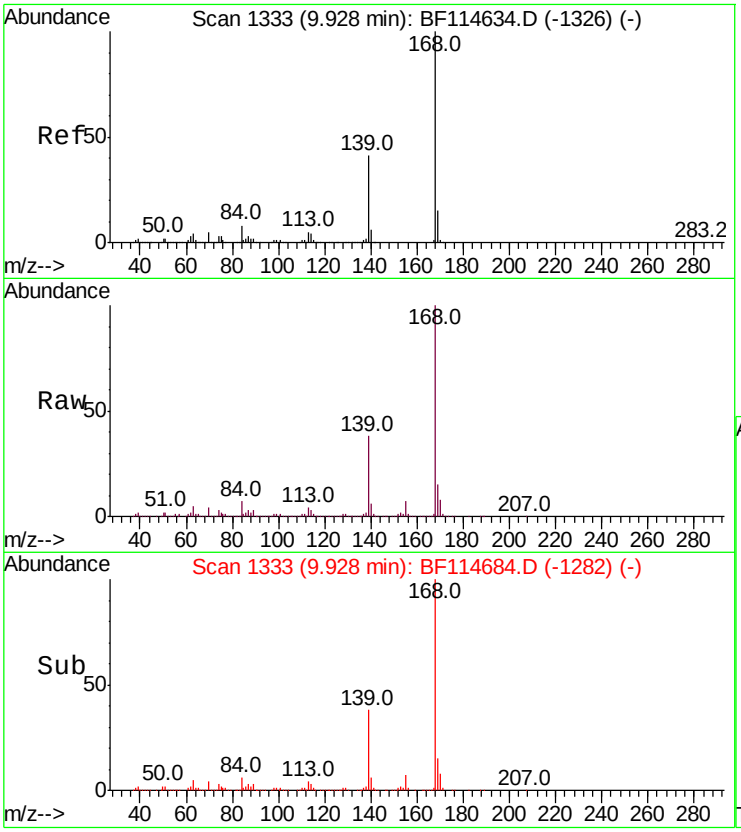


#52
Acenaphthene
Concen: 21.911 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:154 Resp: 800475

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.4	132.6
152	54.7	43.4	65.0



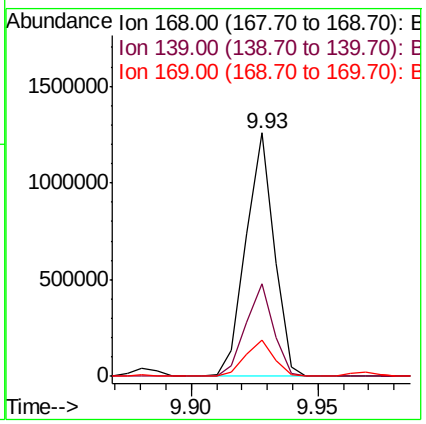


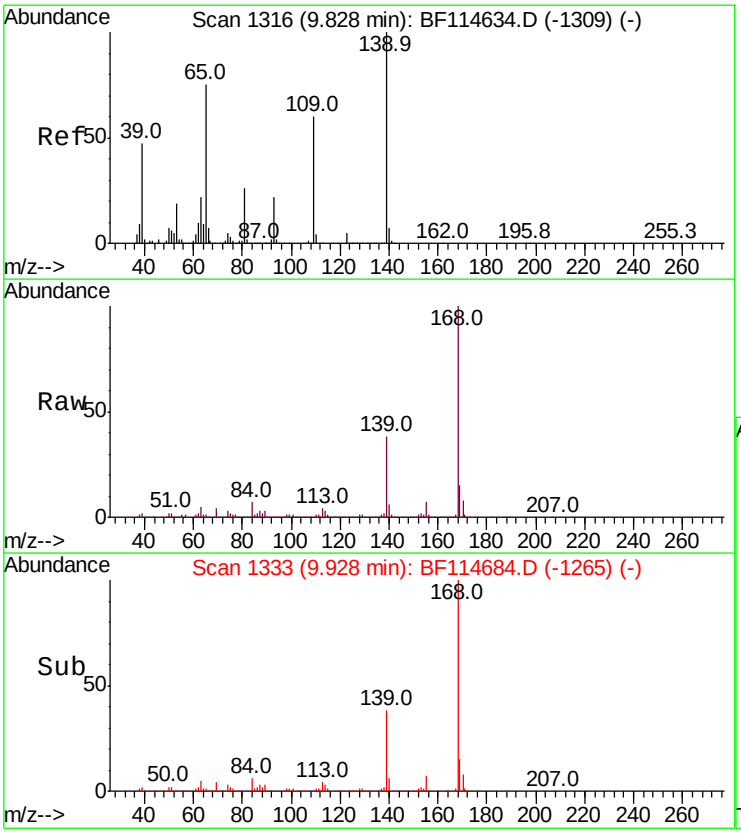
#55
Dibenzofuran
Concen: 18.784 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 976838

Ion	Ratio	Lower	Upper
168	100		
139	37.9	32.6	48.8
169	15.1	11.8	17.8

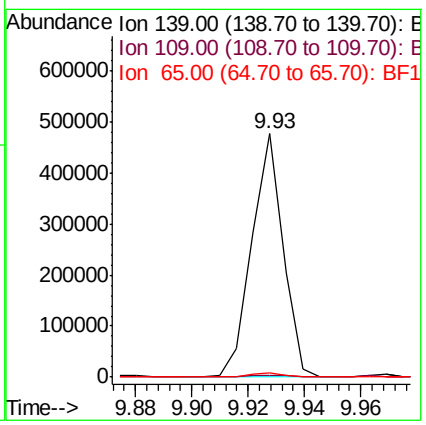


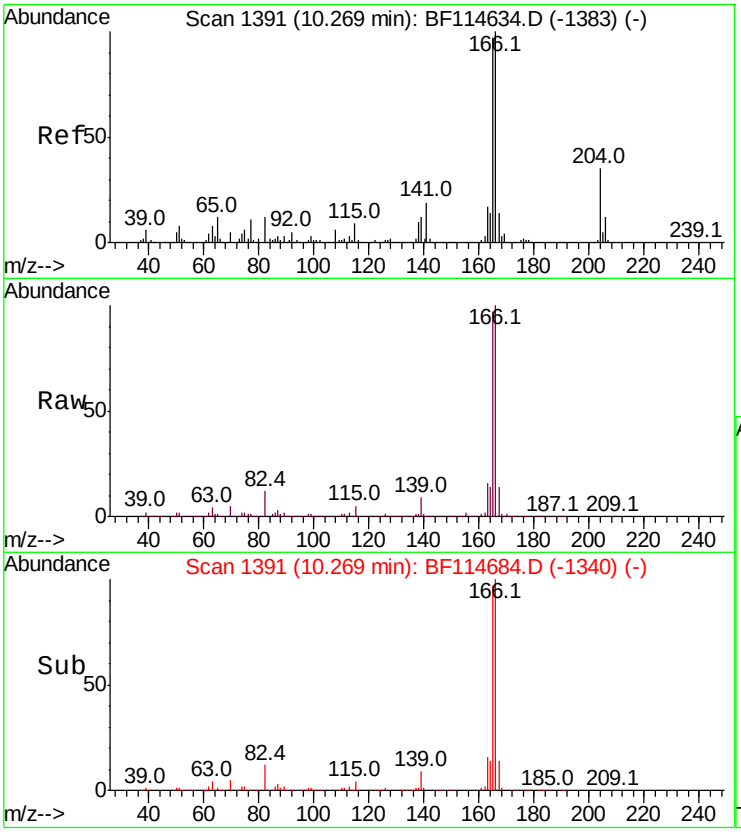


#56
4-Nitrophenol
Concen: 39.536 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.10 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:139 Resp: 367672

Ion	Ratio	Lower	Upper
139	100		
109	0.8	40.4	80.4#
65	1.6	54.7	94.7#



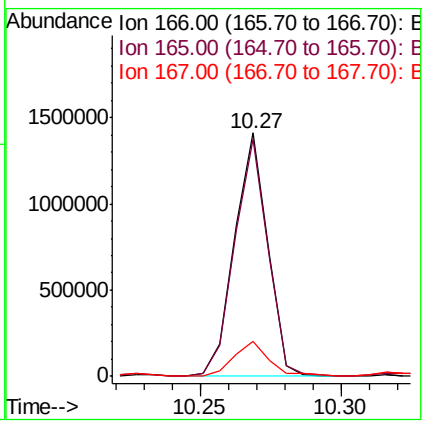


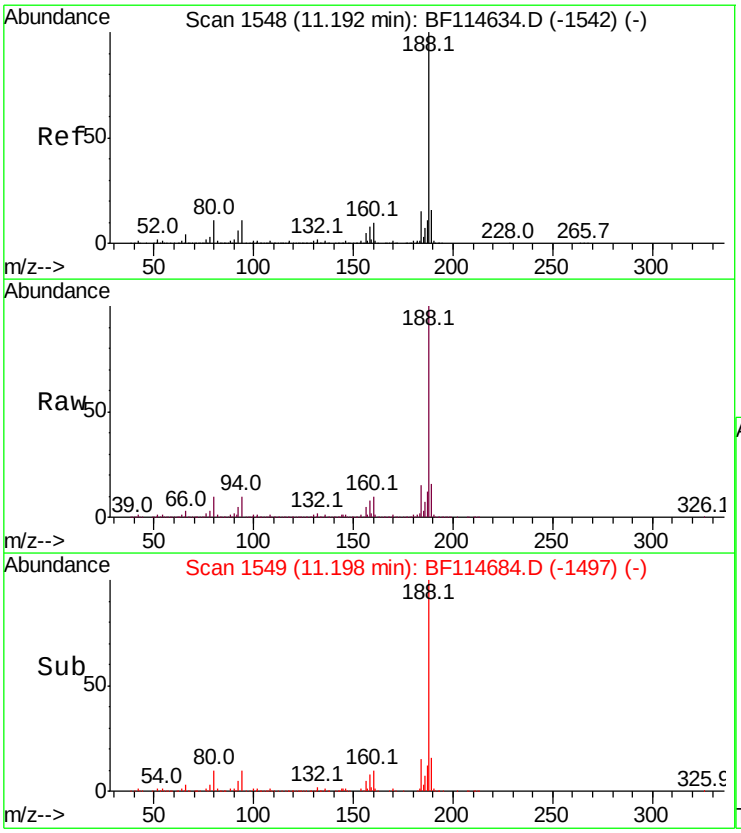
#58
Fluorene
Concen: 30.138 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 1144426

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.6	116.4
167	14.2	11.2	16.8

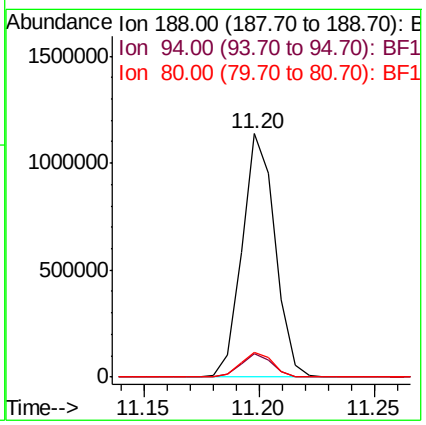


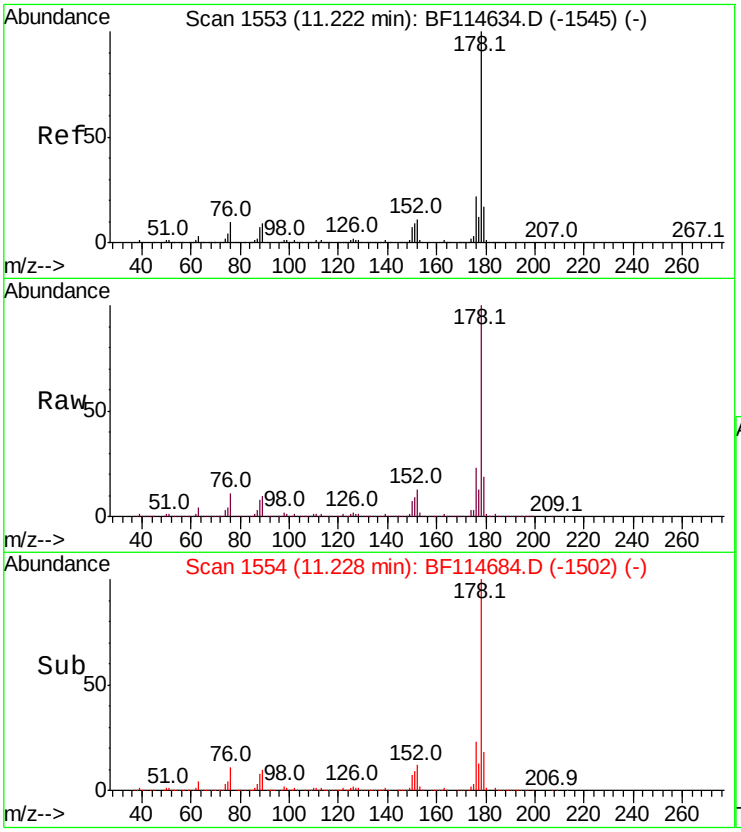


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:188 Resp: 1132392

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.3	9.0	13.6



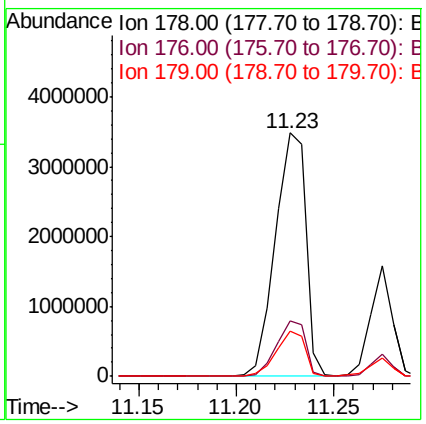


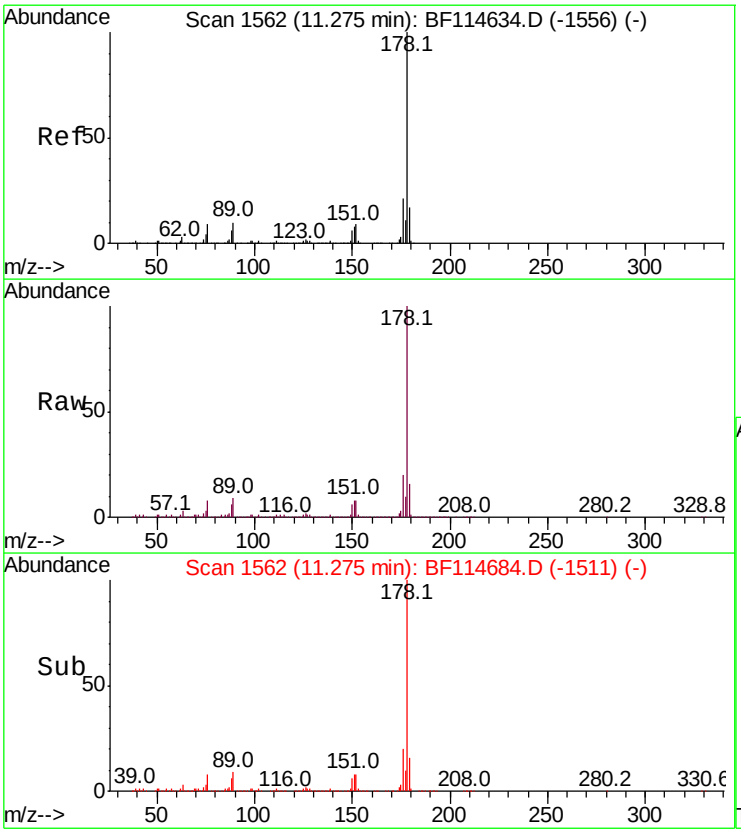
#71
Phenanthrene
Concen: 65.451 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3780782

Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.2	25.8
179	18.6	13.9	20.9

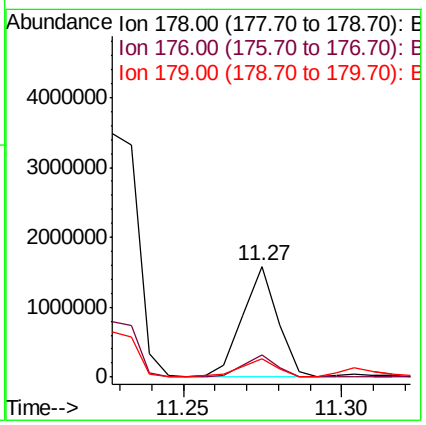


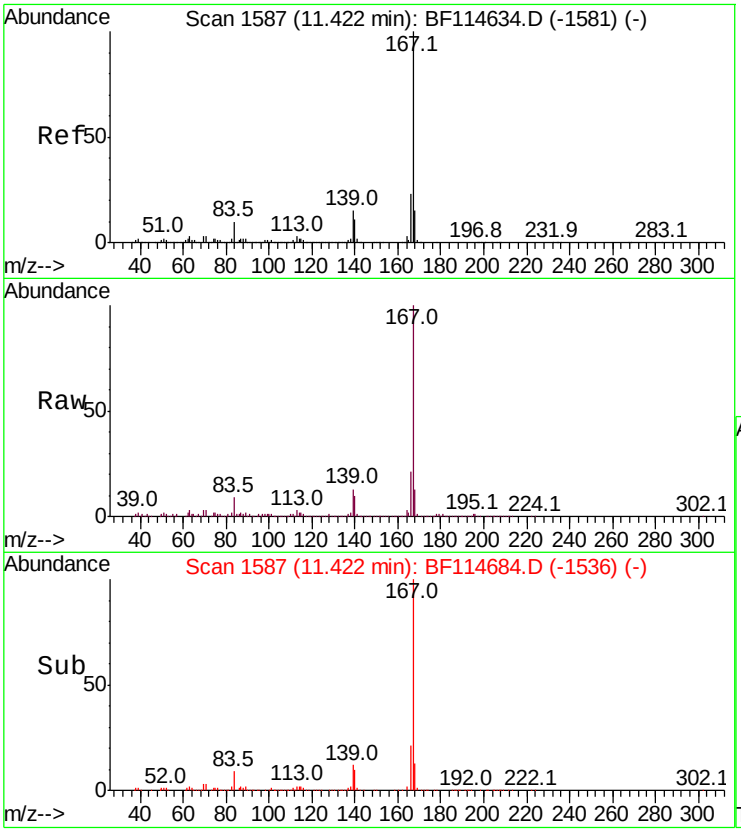


#72
Anthracene
Concen: 20.474 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:178 Resp: 1196983

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	16.3	13.4	20.0



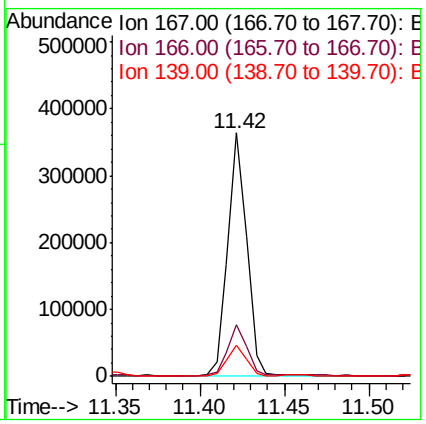


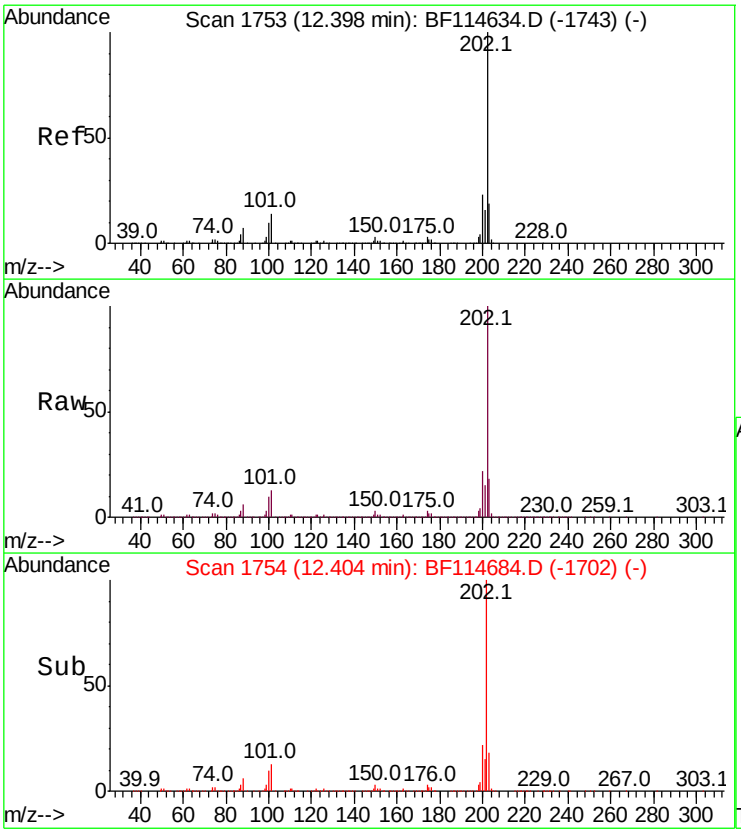
#73
Carbazole
Concen: 5.517 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 283490

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.7	28.1
139	12.6	11.8	17.8

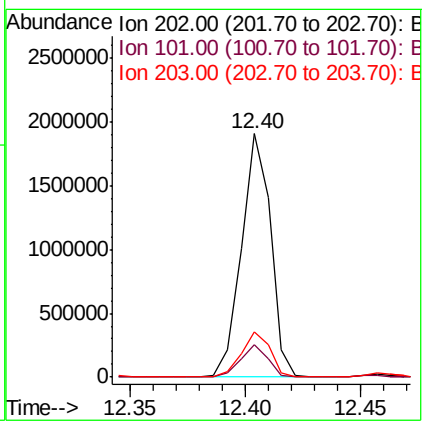


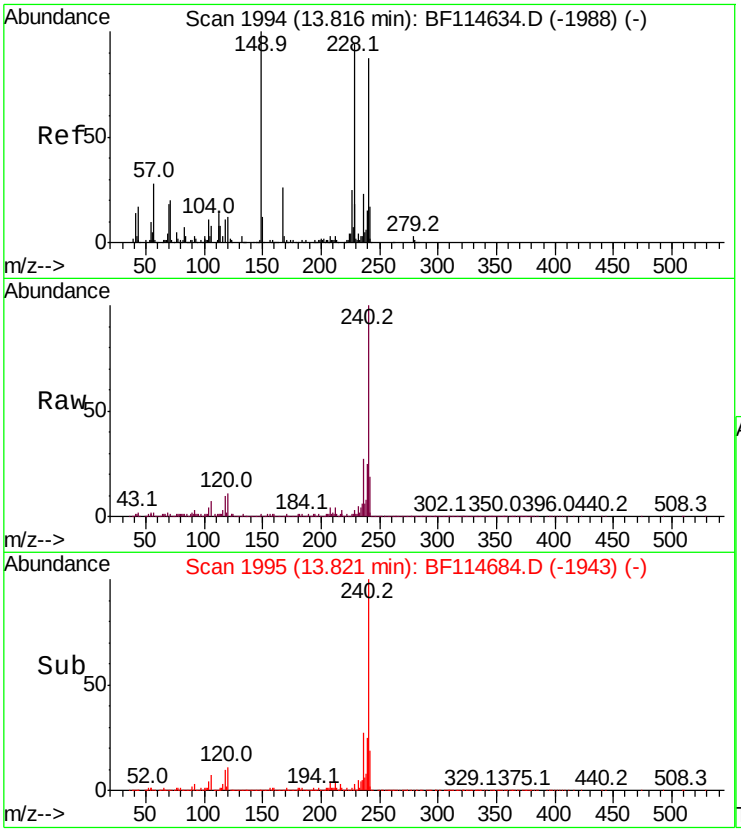


#75
Fluoranthene
Concen: 28.154 ng
RT: 12.40 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:202 Resp: 1684002

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.9
203	18.5	0.0	39.1



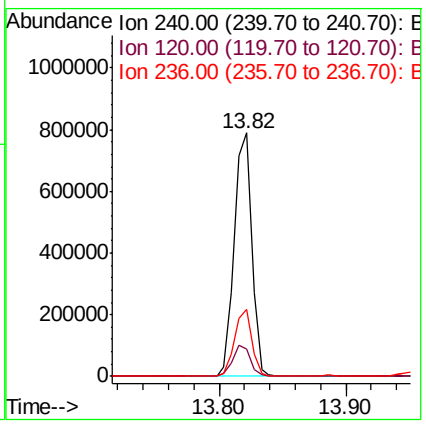


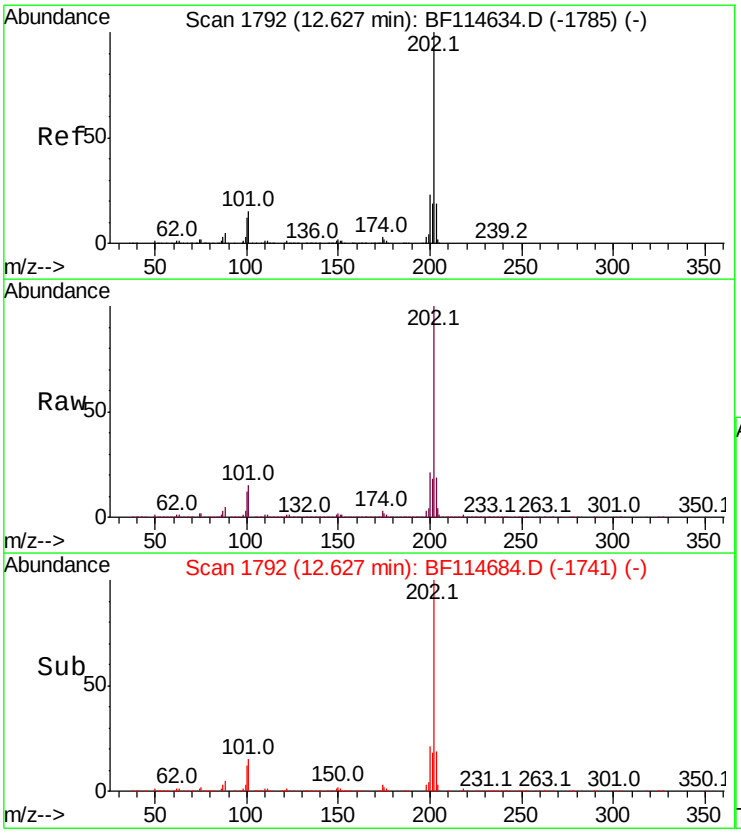
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 744055

Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.2	16.8#
236	27.4	21.2	31.8

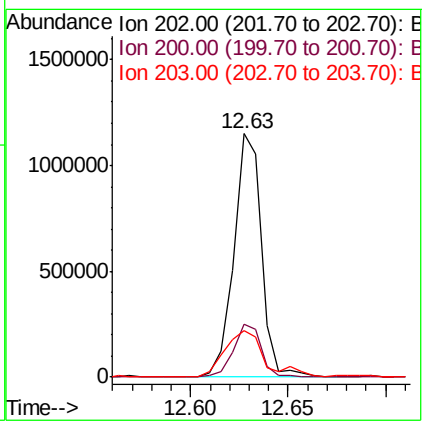


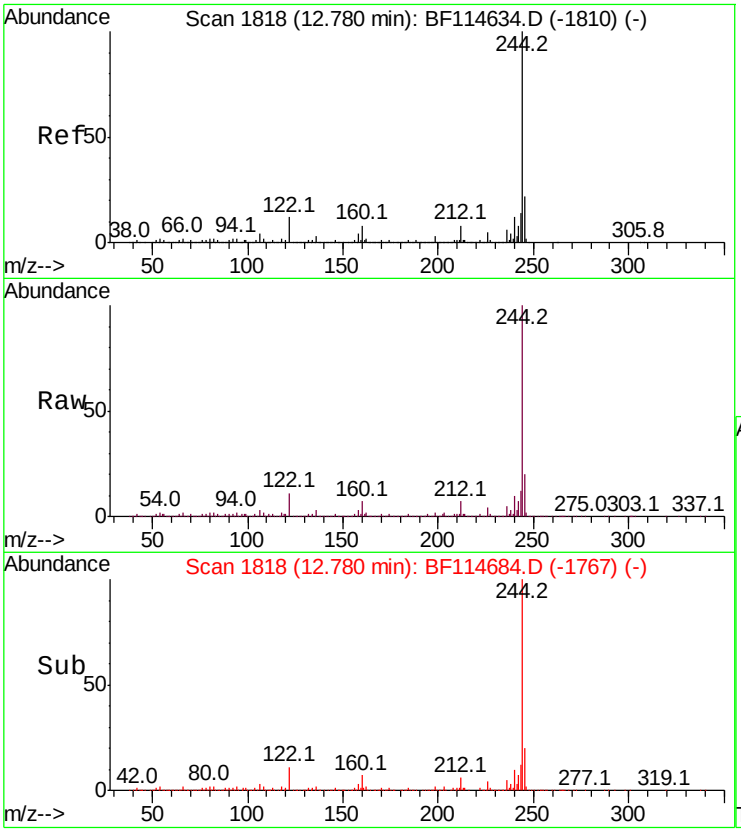


#78
Pyrene
Concen: 17.759 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:202 Resp: 1117783

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.6	28.0
203	19.2	15.4	23.2



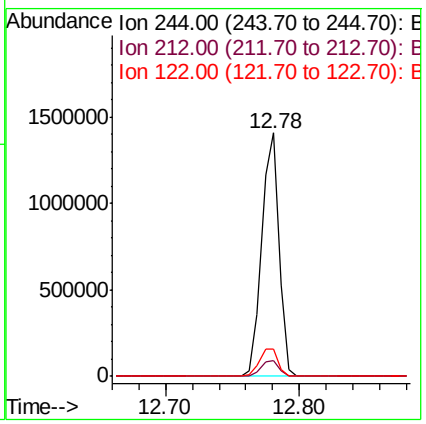


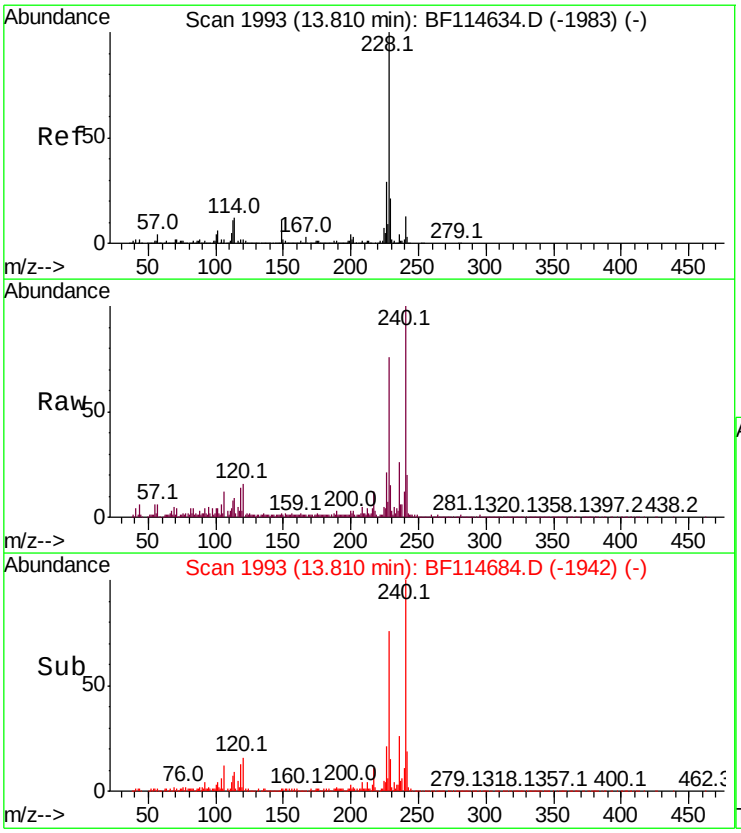
#79
Terphenyl-d14
Concen: 31.660 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1252902

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	11.0	9.8	14.8

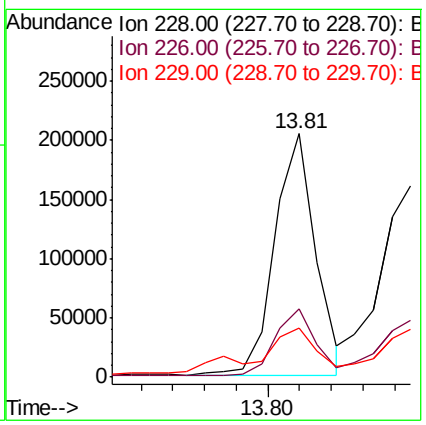


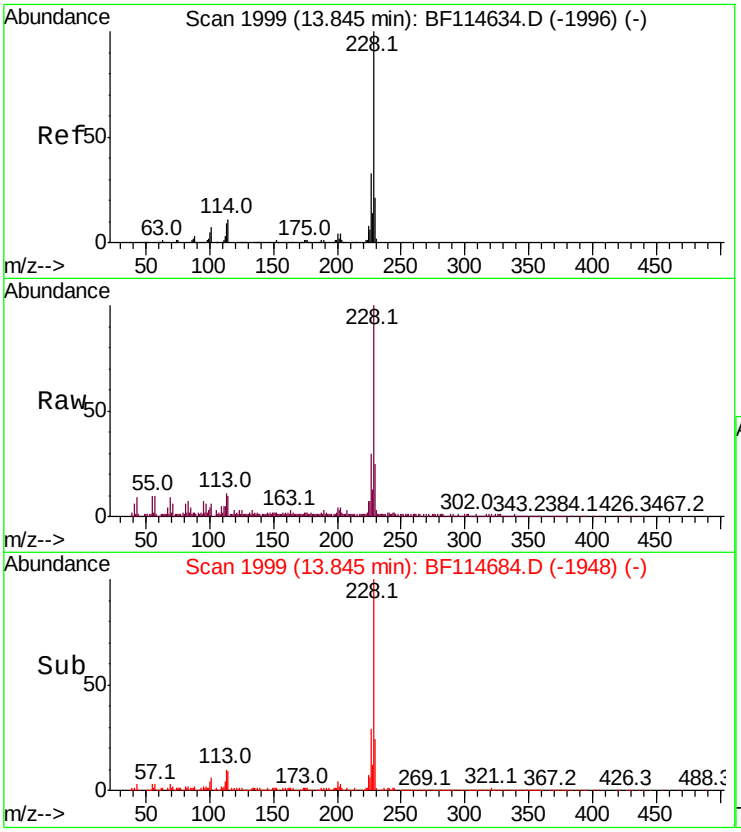


#81
Benzo(a)anthracene
Concen: 3.185 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:228 Resp: 182131

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.6
229	20.3	17.0	25.4



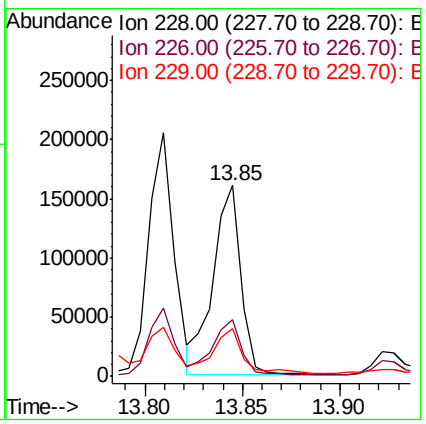


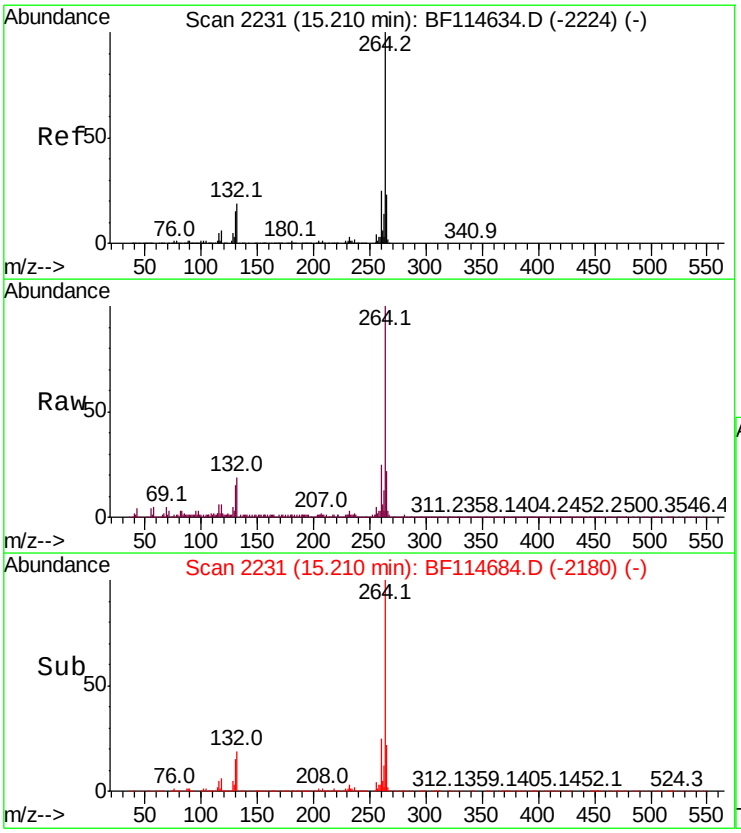
#83
Chrysene
Concen: 2.923 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 159691

Ion	Ratio	Lower	Upper
228	100		
226	29.5	26.4	39.6
229	24.8	17.1	25.7

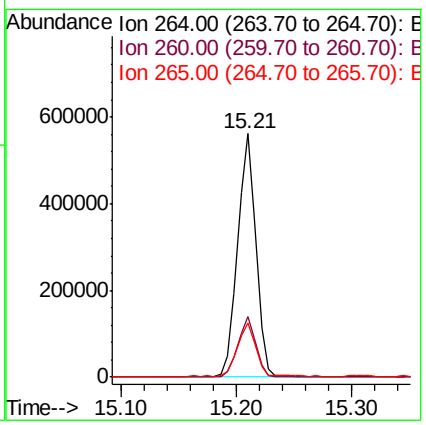


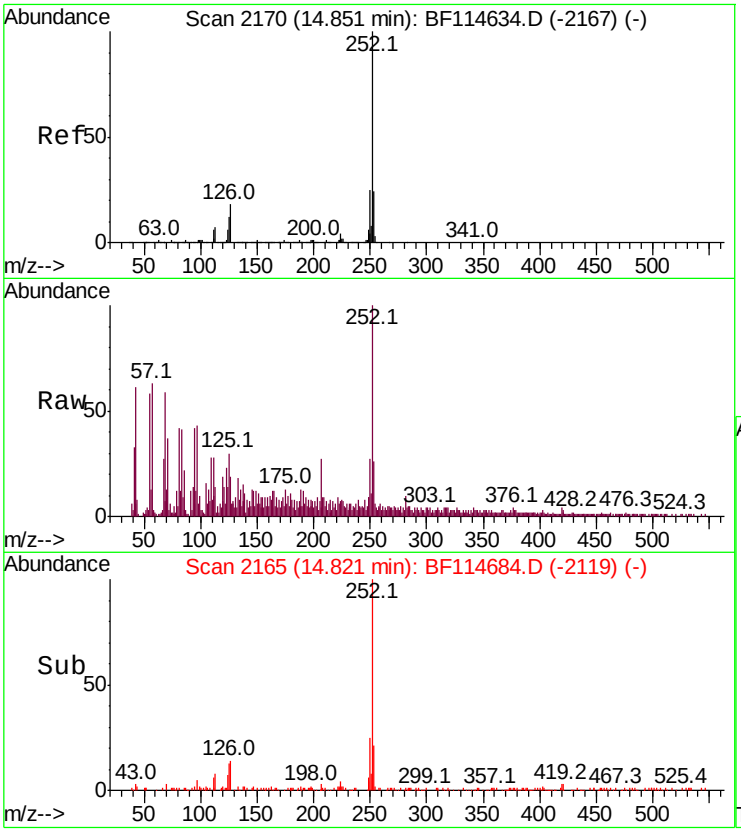


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Tgt Ion:264 Resp: 613901

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.5	18.1	27.1





#89
Benzo(k)fluoranthene
Concen: 2.054 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF114684.D
Acq: 31 May 2019 2:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 69036

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	29.8	9.5	14.3#