Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118419.D
Acq On : 31 Dec 2019 21:44
Operator : JU
Sample : K6114-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 01 00:37:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53602	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	205283	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	96233	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	157425	20.00	ng		0.00
76) Chrysene-d12	14.06	240	155204	20.00	ng		0.00
87) Perylene-d12	15.55	264	154645	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	29386	9.36	ng		0.02
7) Phenol-d6	6.50	99	39636	10.17	ng		0.01
23) Nitrobenzene-d5	7.42	82	24325	6.78	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	9582	8.06	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	51306	8.14	ng		0.00
79) Terphenyl-d14	12.99	244	50257	5.37	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.16	128	38256	3.667	ng		99
37) 2-Methylnaphthalene	8.86	142	25792	3.610	ng		96
38) 1-Methylnaphthalene	8.86	142	25792	3.832	ng		93
49) Acenaphthylene	9.76	152	33354	3.671	ng		98
51) 2,6-Dinitrotoluene	9.90	165	13981	8.977	ng	#	26
52) Acenaphthene	9.93	154	25927	4.685	ng		98
55) Dibenzofuran	10.11	168	37639	4.603	ng		94
56) 4-Nitrophenol	10.11	139	16894	14.971	ng	#	9
58) Fluorene	10.45	166	77865	11.796	ng		94
71) Phenanthrene	11.42	178	516145	60.143	ng		99
72) Anthracene	11.47	178	131465	15.304	ng		98
73) Carbazole	11.63	167	42725	5.605	ng		96
75) Fluoranthene	12.62	202	451144	52.088	ng		99
78) Pyrene	12.85	202	402554	31.762	ng		99
81) Benzo(a)anthracene	14.04	228	227021	20.897	ng		99
83) Chrysene	14.08	228	186700	17.948	ng		98
86) Indeno(1,2,3-cd)pyrene	17.07	276	65888	7.434	ng		97
88) Benzo(b)fluoranthene	15.12	252	289761	28.227	ng		98
89) Benzo(k)fluoranthene	15.12	252	289761	29.398	ng		99
90) Benzo(a)pyrene	15.49	252	153596	16.985	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	18355	2.339	ng	#	86
92) Benzo(g,h,i)perylene	17.53	276	55628	7.338	ng		99

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

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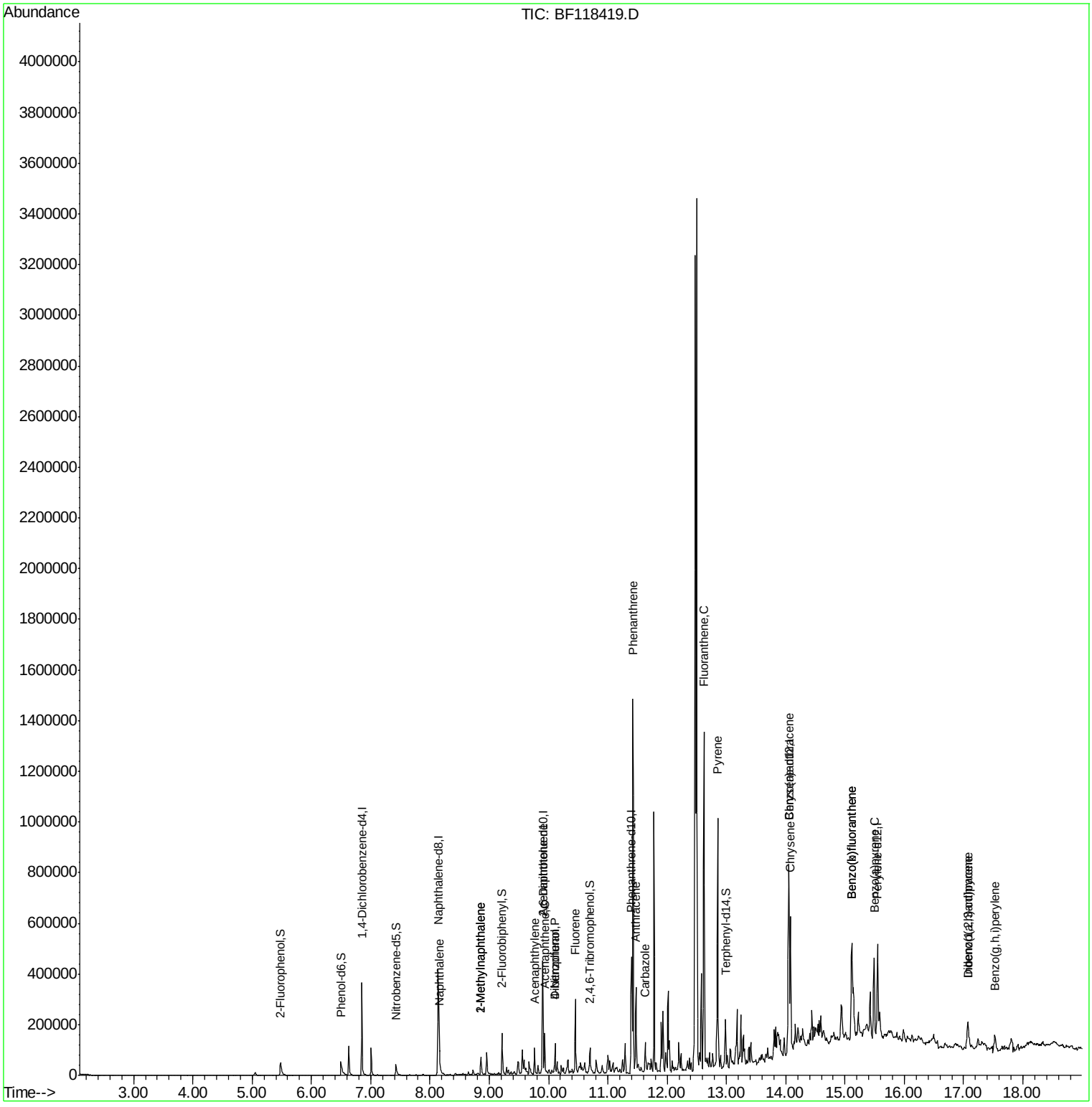
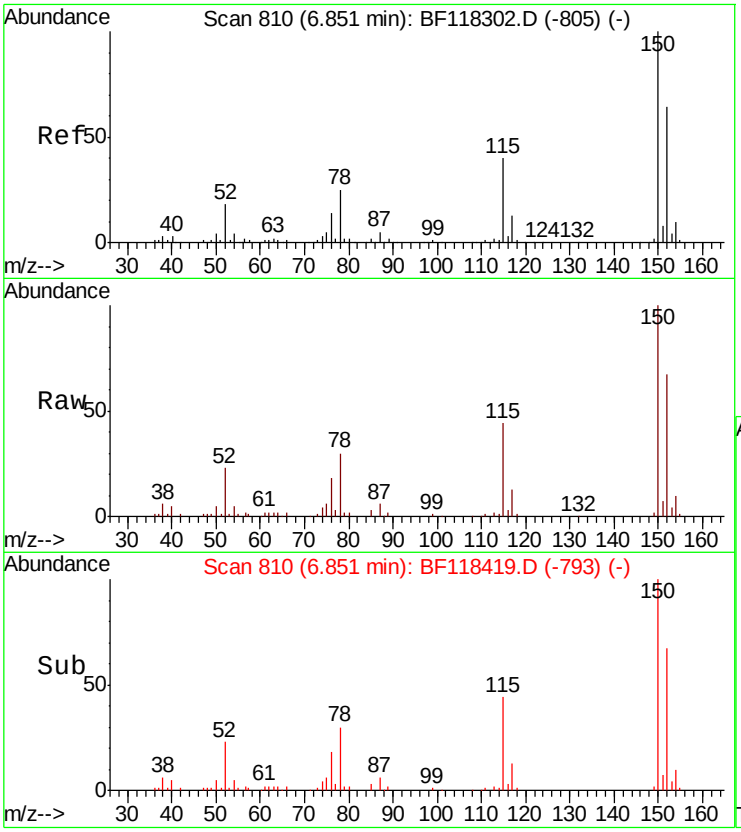


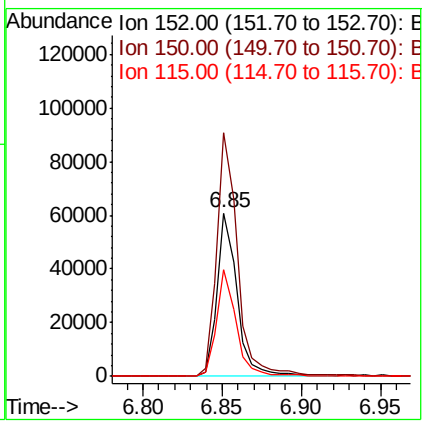


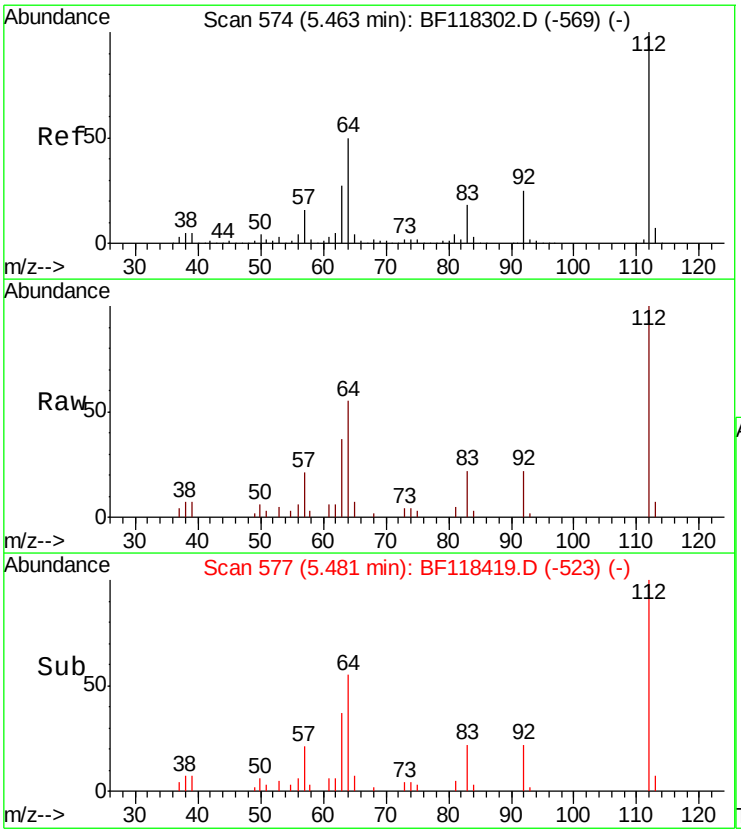
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 53602

Ion	Ratio	Lower	Upper
152	100		
150	149.3	125.4	188.2
115	65.3	50.2	75.4

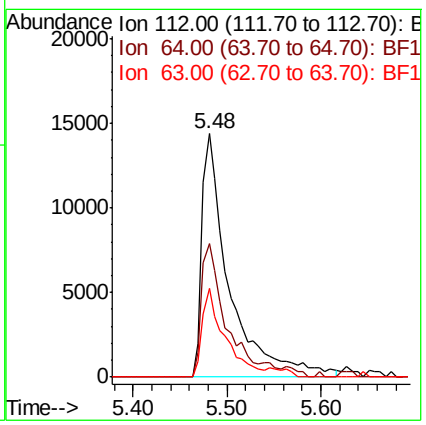


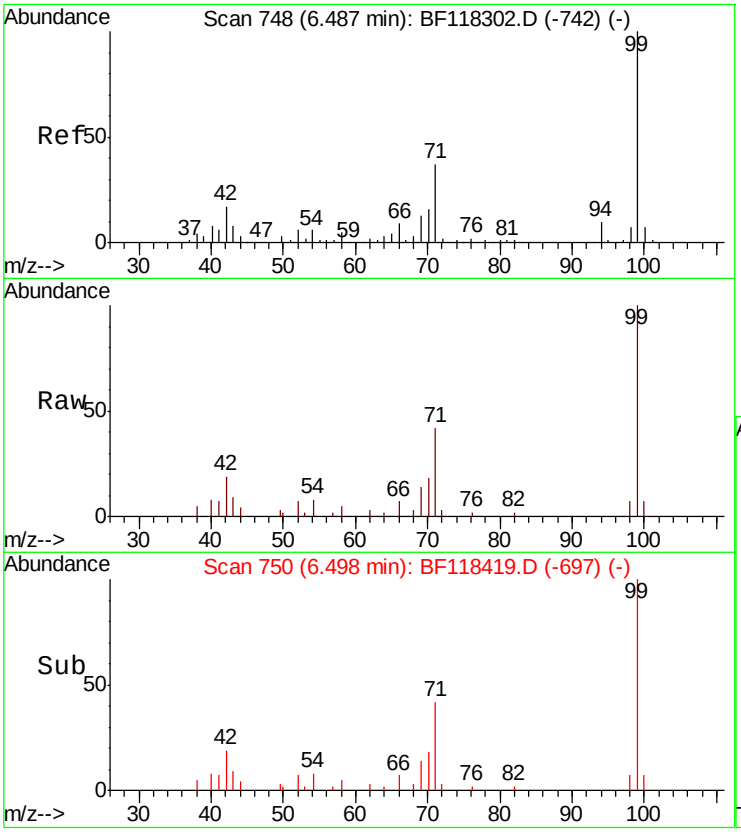


#5
2-Fluorophenol
Concen: 9.358 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:112 Resp: 29386

Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.7	59.5
63	36.7	21.7	32.5#



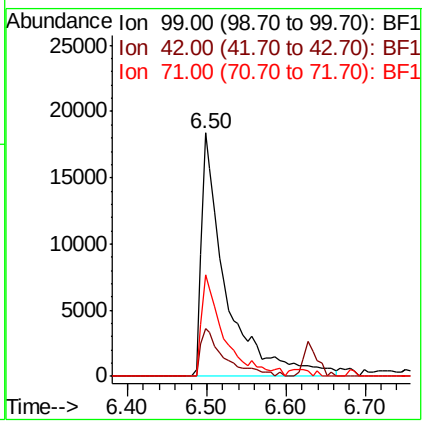


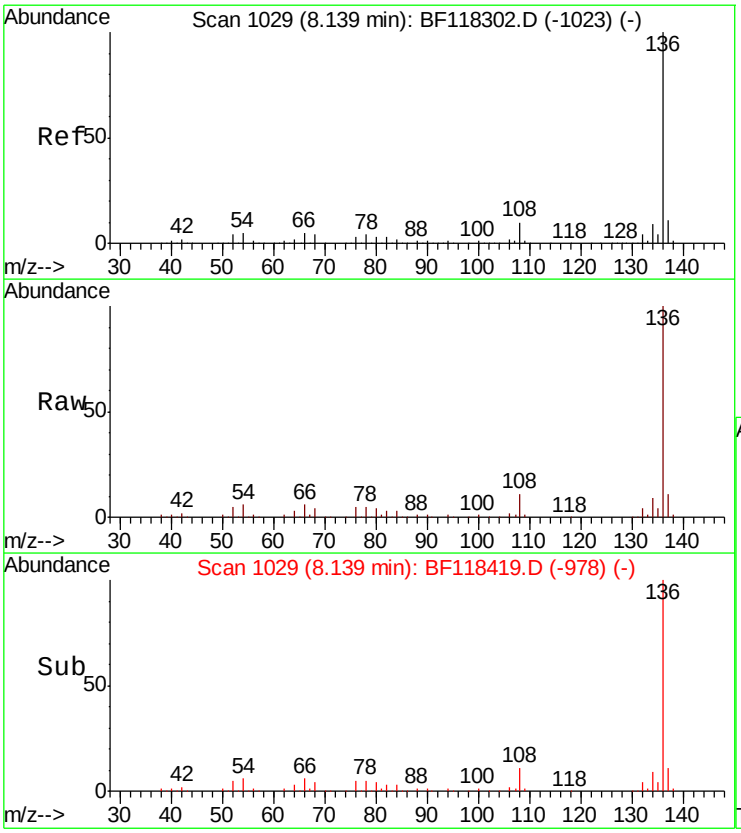
#7
Phenol-d6
Concen: 10.175 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 39636

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	41.9	29.4	44.2

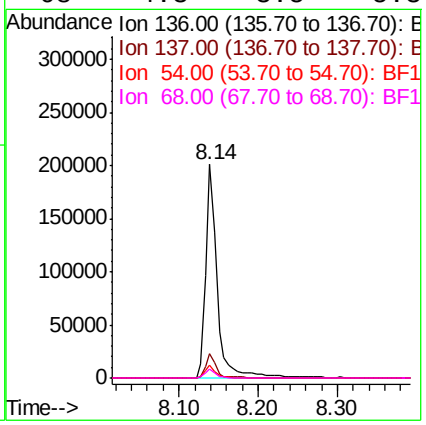


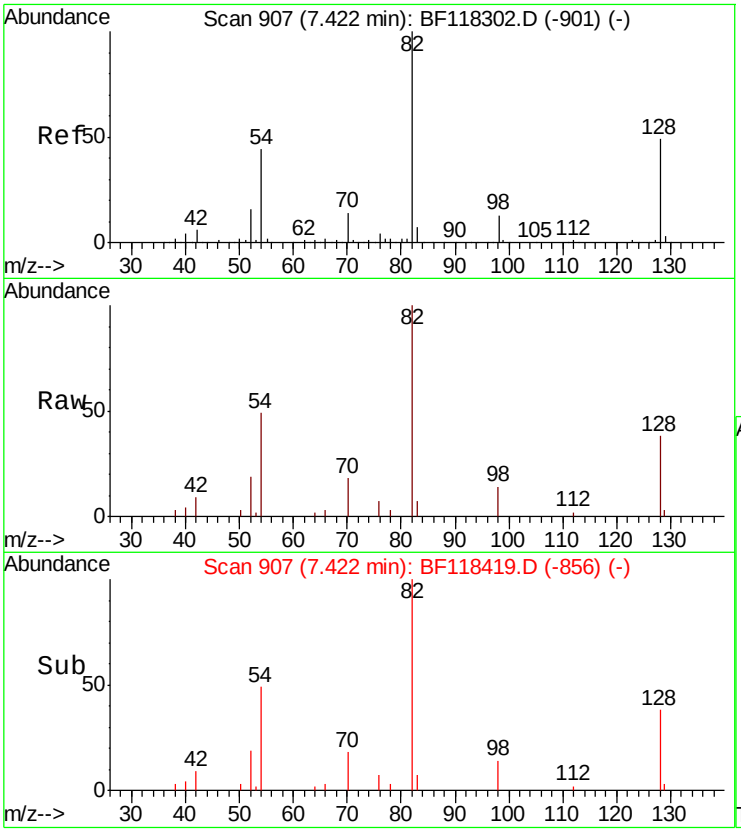


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:136 Resp: 205283

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.2	4.2	6.4
68	4.3	3.5	5.3



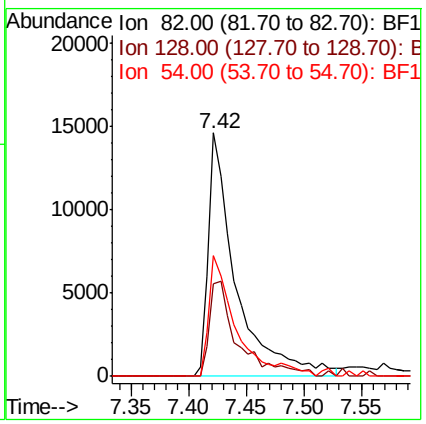


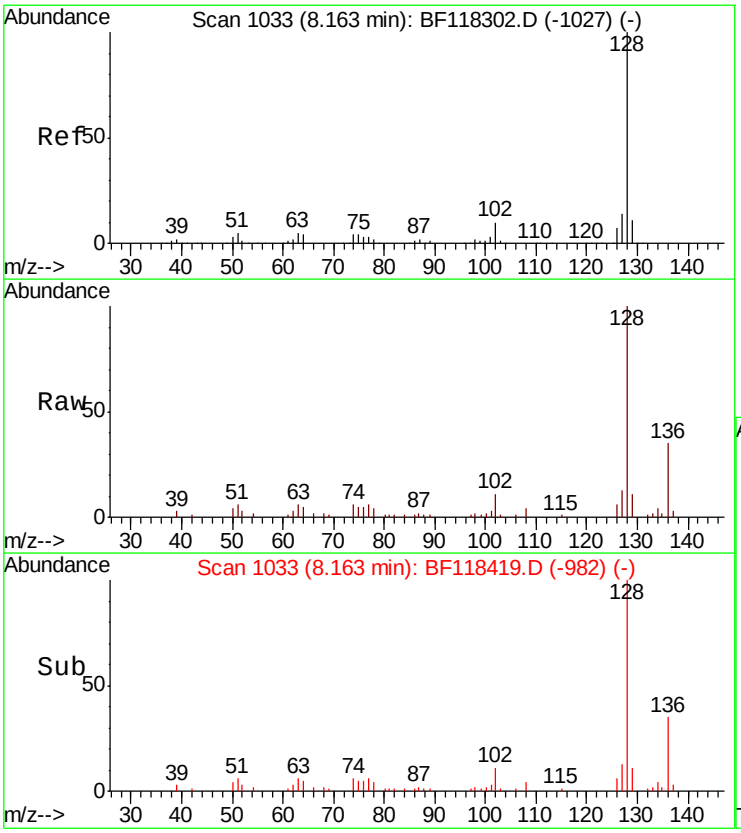
#23
Nitrobenzene-d5
Concen: 6.777 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 24325

Ion	Ratio	Lower	Upper
82	100		
128	38.1	39.6	59.4#
54	49.3	34.9	52.3

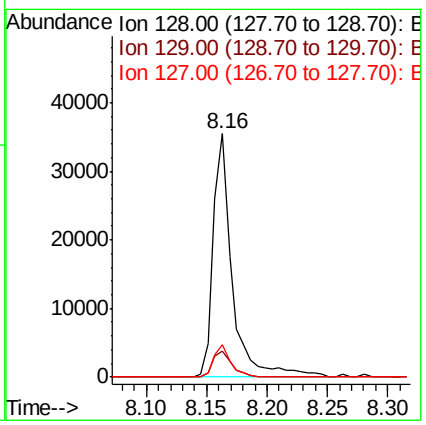


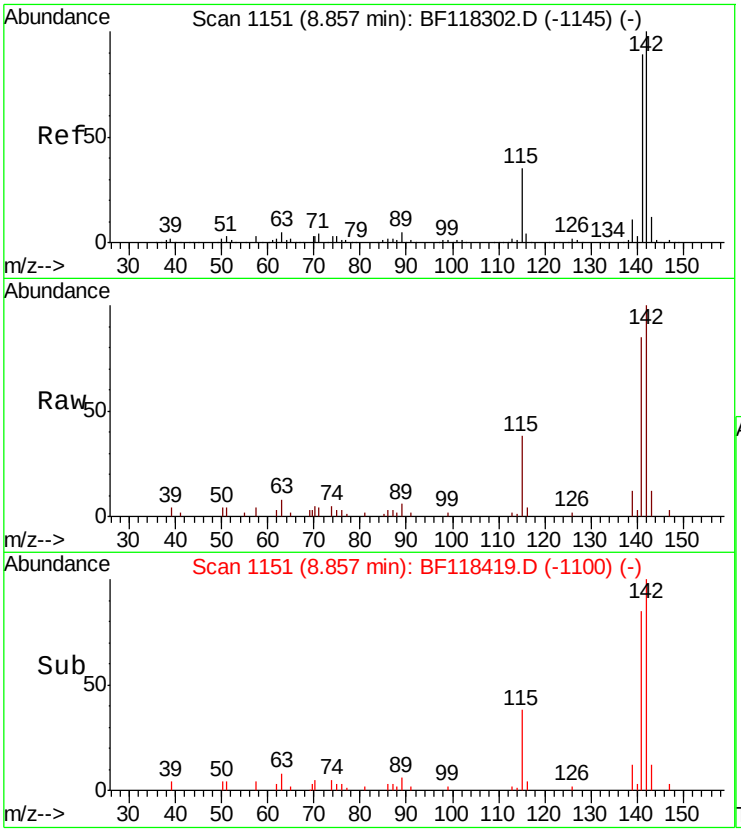


#31
Naphthalene
Concen: 3.667 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:128 Resp: 38256

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	13.3	11.0	16.4



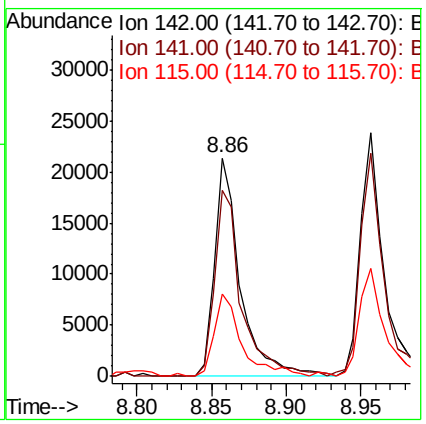


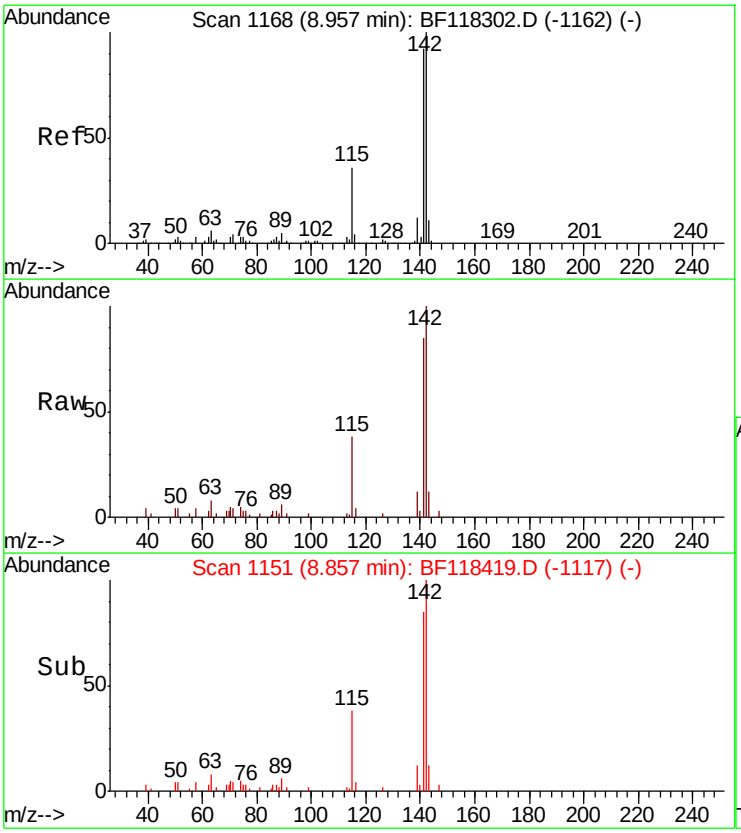
#37
2-Methylnaphthalene
Concen: 3.610 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 25792

Ion	Ratio	Lower	Upper
142	100		
141	85.3	71.2	106.8
115	37.6	28.0	42.0

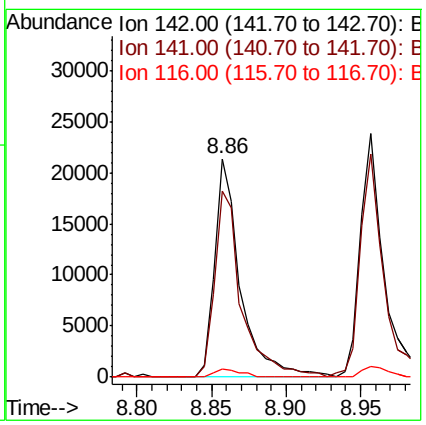


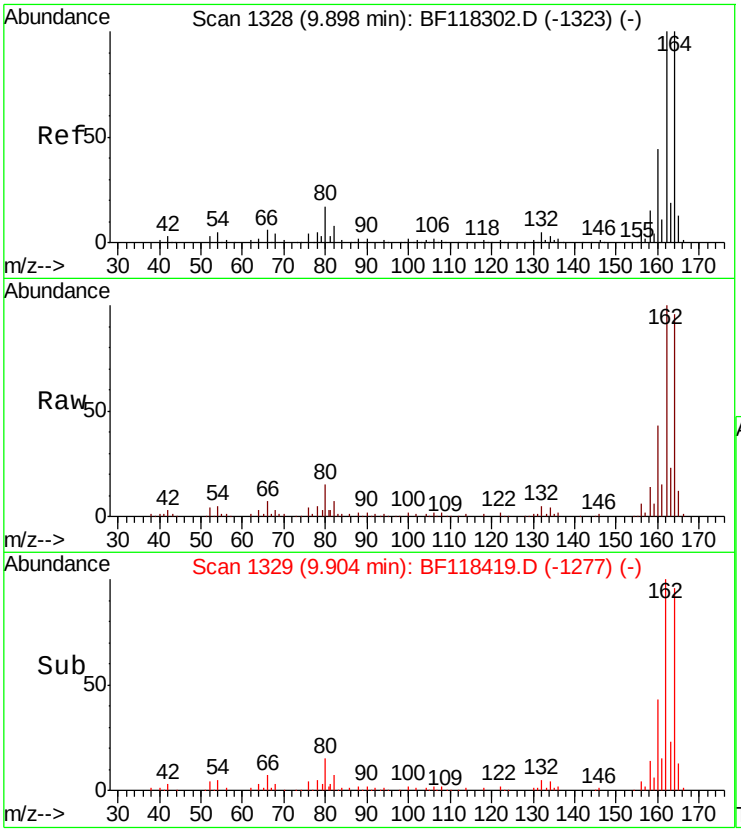


#38
1-Methylnaphthalene
Concen: 3.832 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.10 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:142 Resp: 25792

Ion	Ratio	Lower	Upper
142	100		
141	85.3	73.4	110.2
116	3.7	2.9	4.3



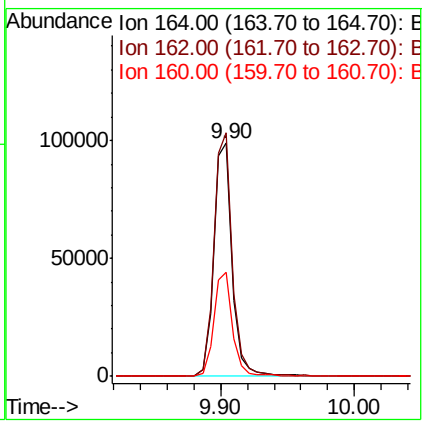


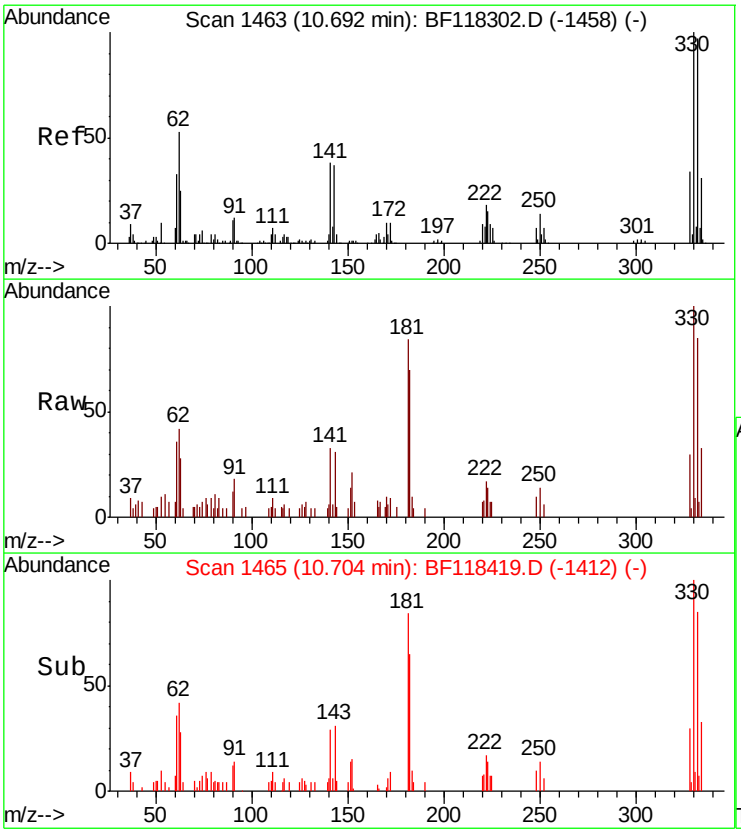
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 96233

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.0	120.0
160	44.6	34.8	52.2

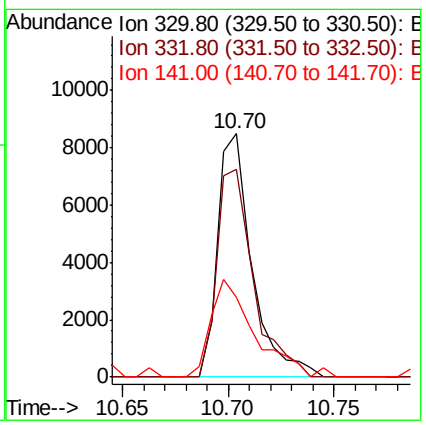


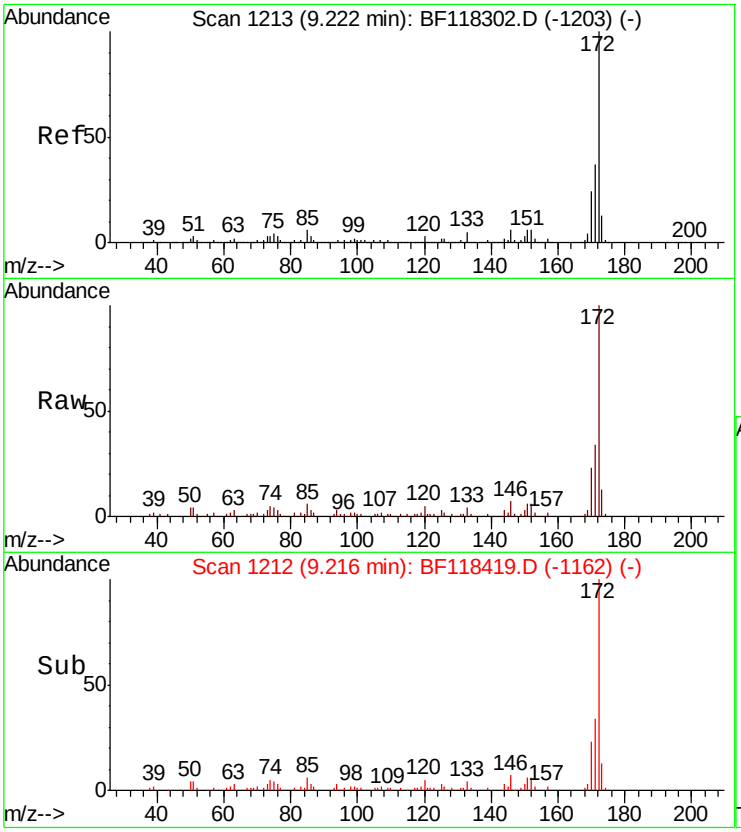


#42
2,4,6-Tribromophenol
Concen: 8.063 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:330 Resp: 9582

Ion	Ratio	Lower	Upper
330	100		
332	90.5	76.6	114.8
141	51.4	26.0	39.0#



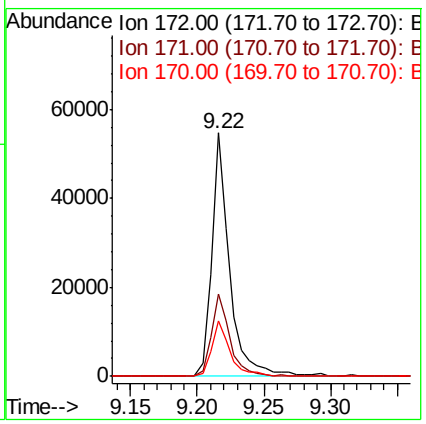


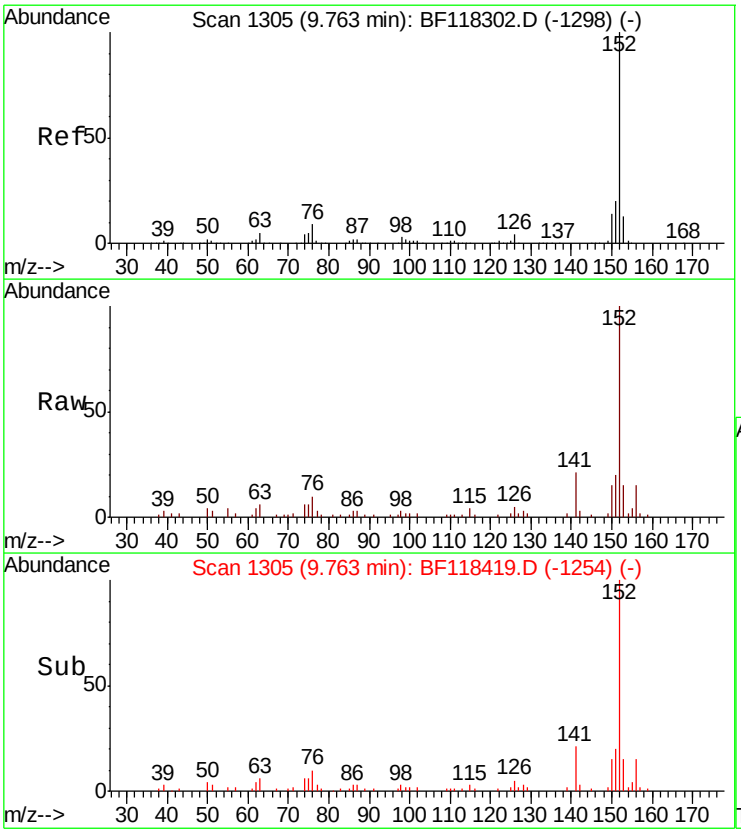
#45
2-Fluorobiphenyl
Concen: 8.138 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 51306

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.3	43.9
170	22.8	19.2	28.8

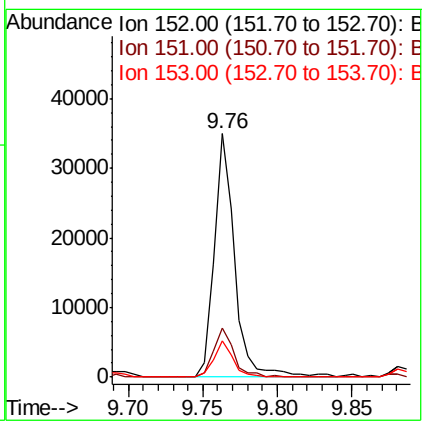


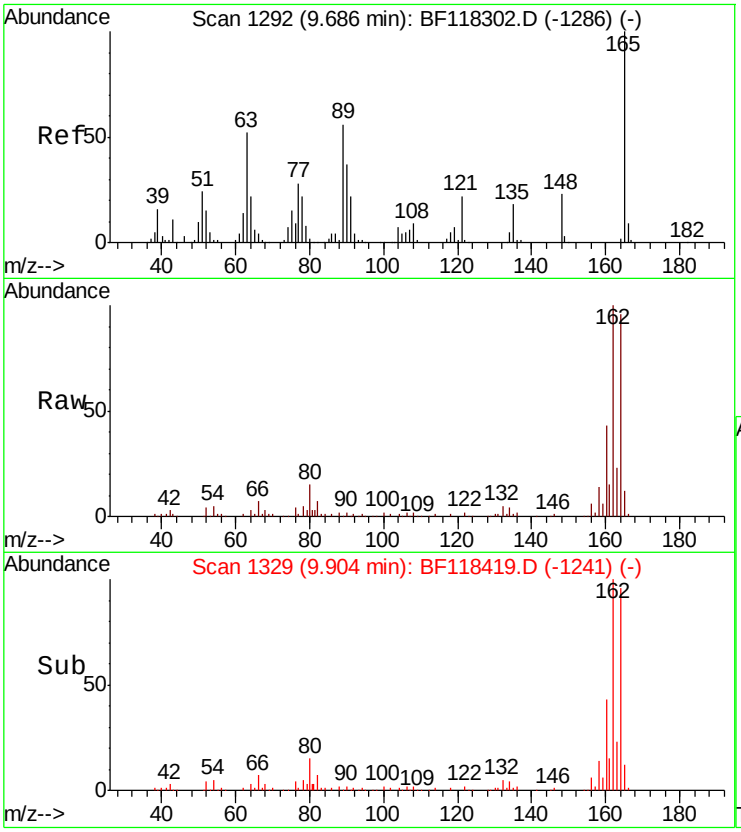


#49
Acenaphthylene
Concen: 3.671 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:152 Resp: 33354

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	15.1	10.5	15.7



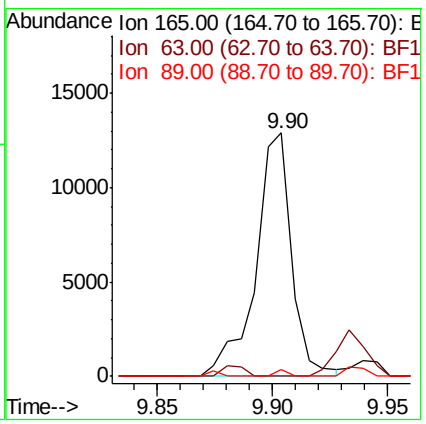


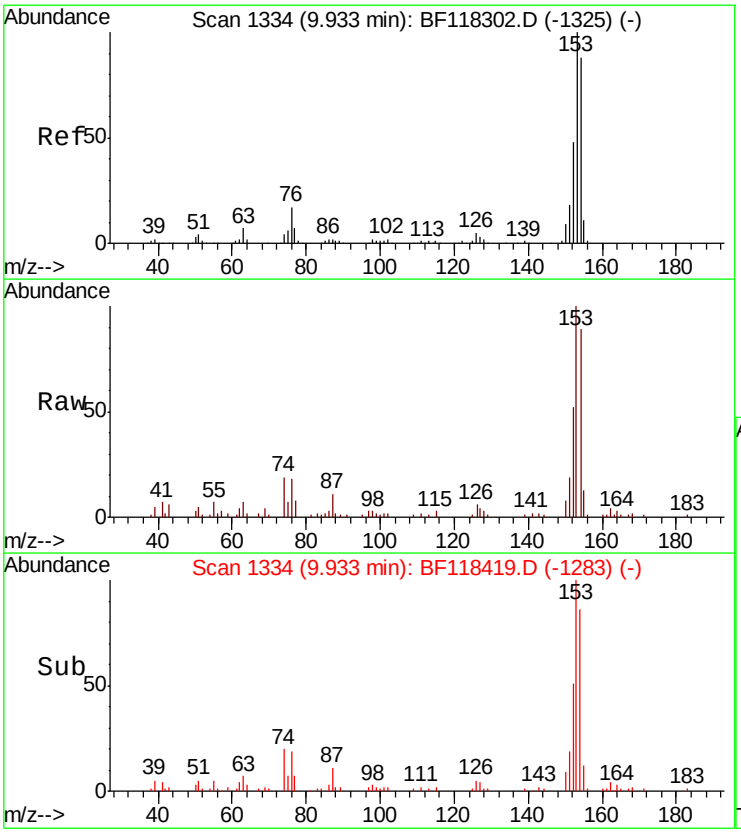
#51
2,6-Dinitrotoluene
Concen: 8.977 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.22 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13981

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	2.8	44.4	66.6#

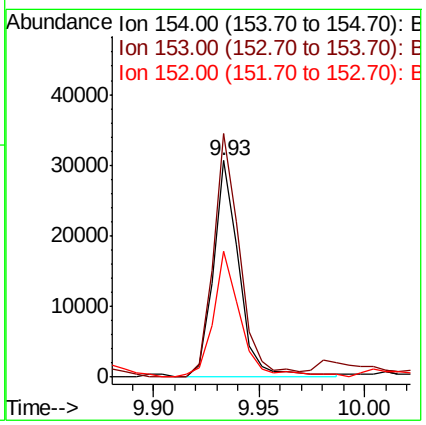


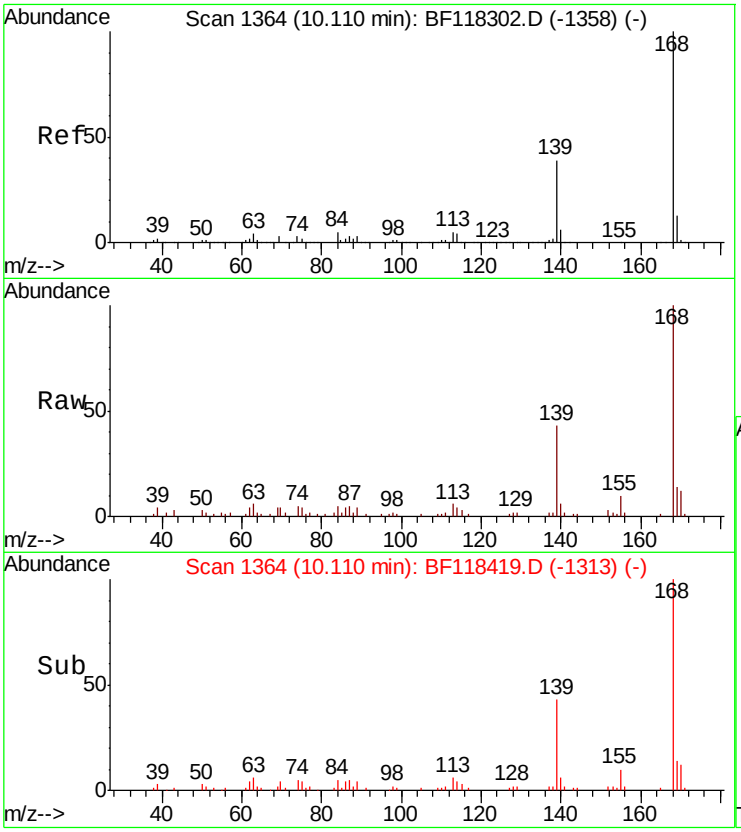


#52
Acenaphthene
Concen: 4.685 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:154 Resp: 25927

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.6	136.0
152	58.1	43.1	64.7



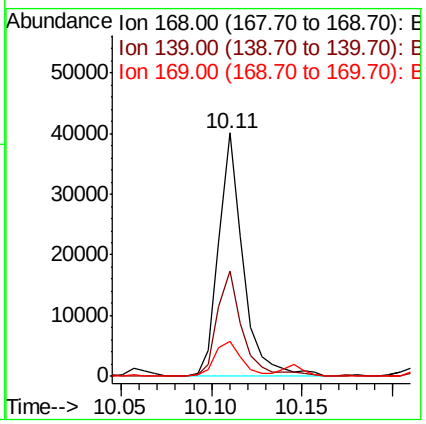


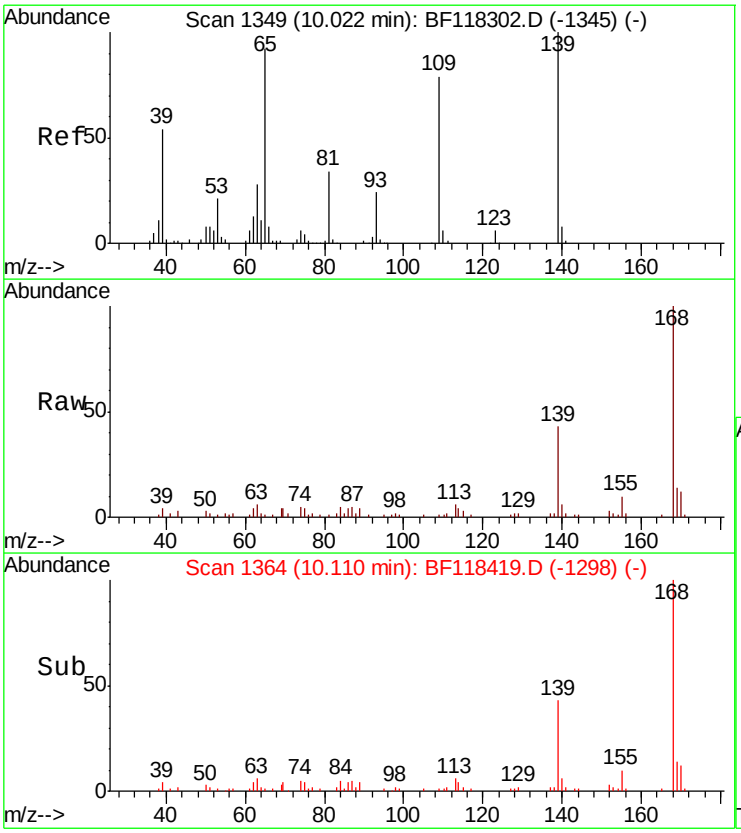
#55
Dibenzofuran
Concen: 4.603 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 37639

Ion	Ratio	Lower	Upper
168	100		
139	43.4	31.5	47.3
169	14.3	10.4	15.6

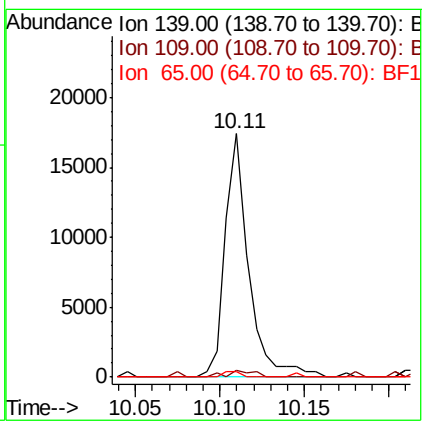


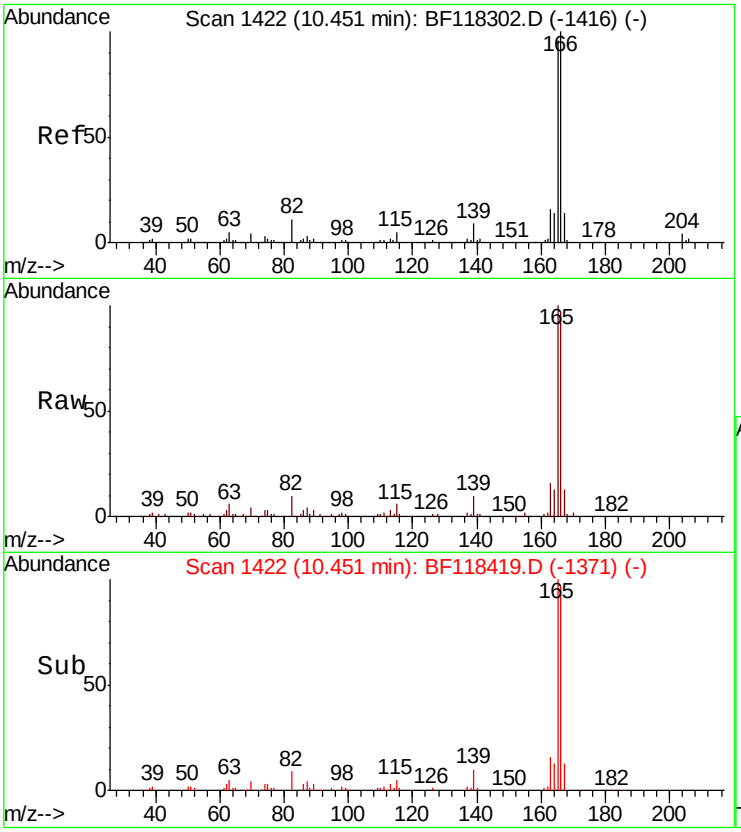


#56
4-Nitrophenol
Concen: 14.971 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.09 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:139 Resp: 16894

Ion	Ratio	Lower	Upper
139	100		
109	2.7	59.3	99.3#
65	2.3	72.4	112.4#



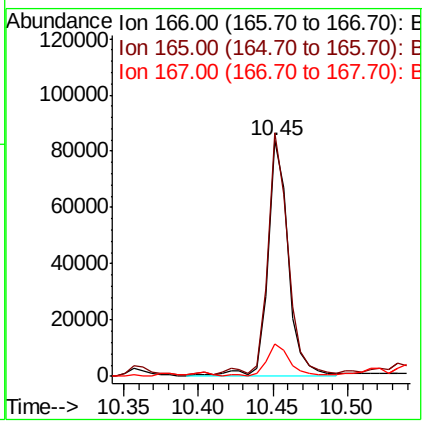


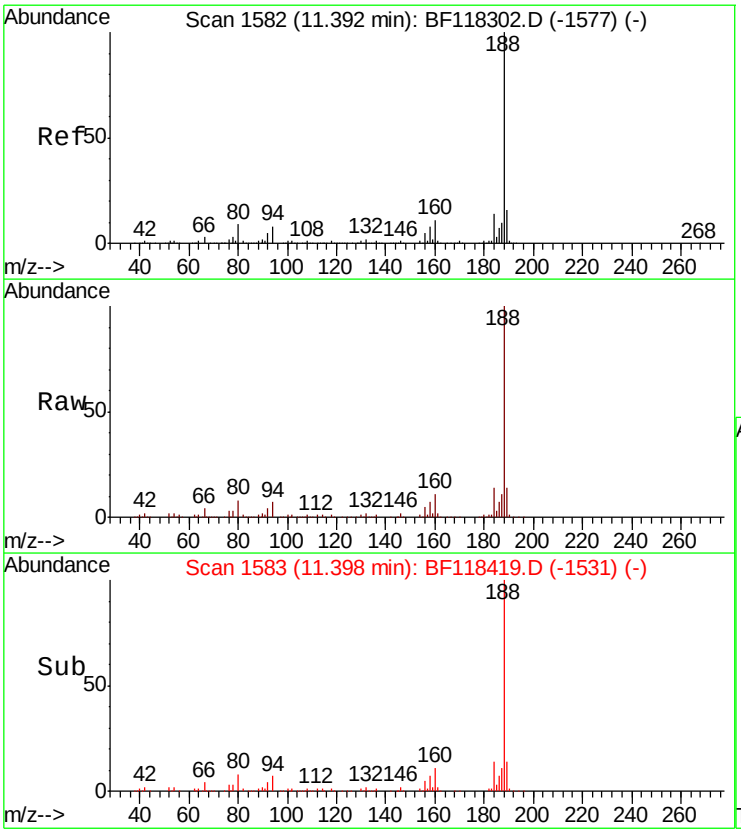
#58
Fluorene
Concen: 11.796 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 77865

Ion	Ratio	Lower	Upper
166	100		
165	103.3	77.0	115.4
167	13.7	10.9	16.3

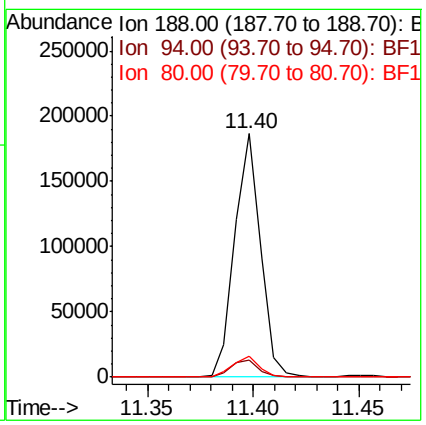


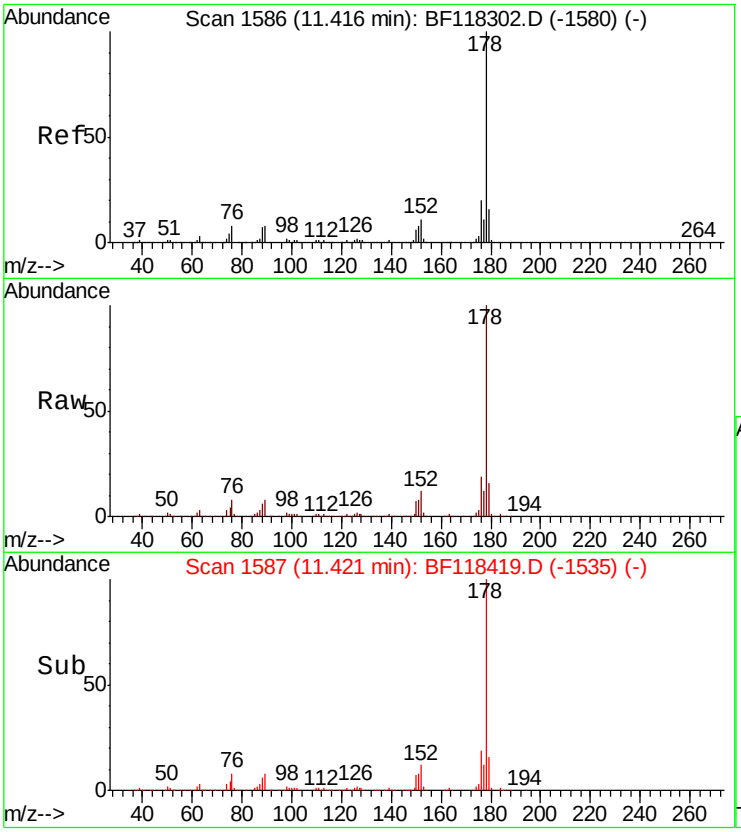


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:188 Resp: 157425

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.4	7.2	10.8



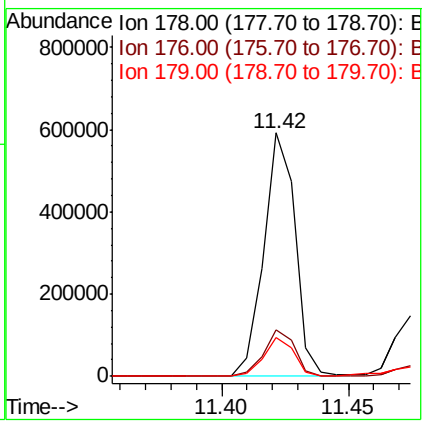


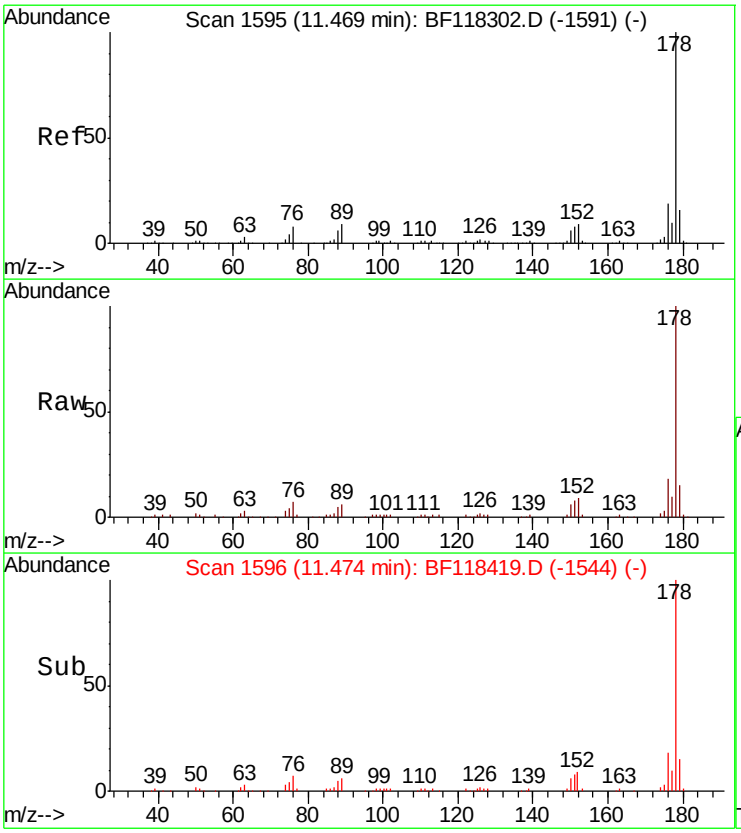
#71
Phenanthrene
Concen: 60.143 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 516145

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.0	12.6	19.0

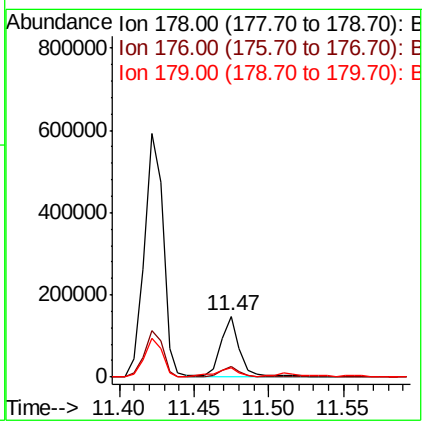


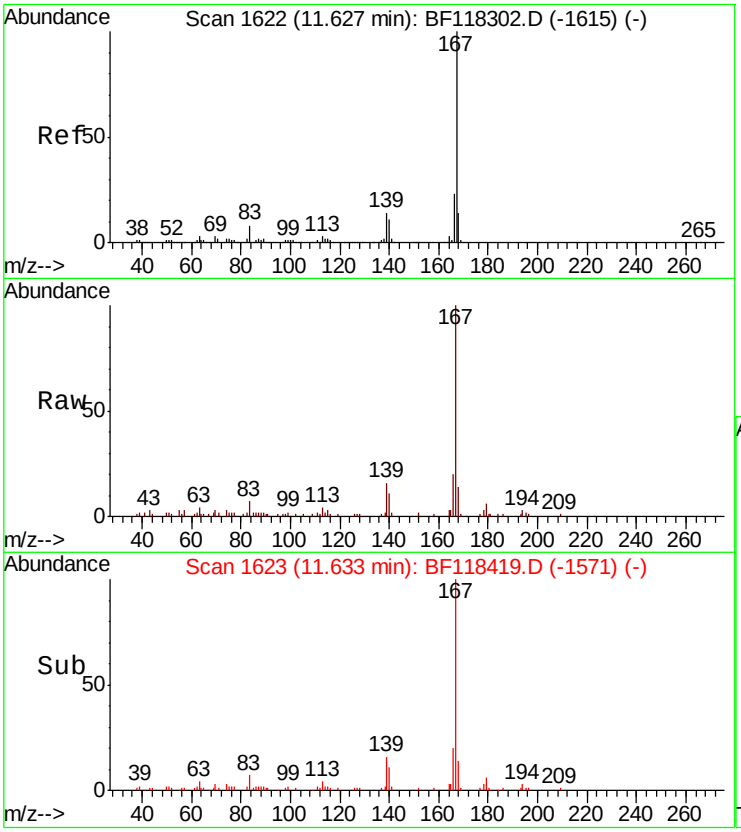


#72
Anthracene
Concen: 15.304 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:178 Resp: 131465

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.2	22.8
179	15.1	12.9	19.3



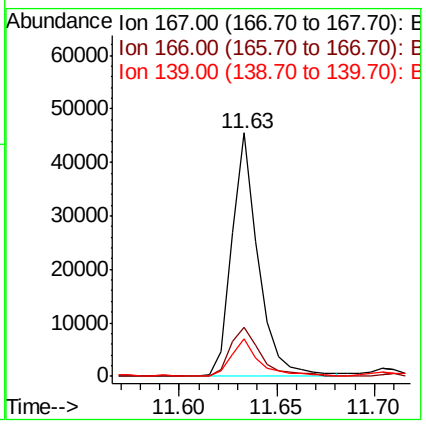


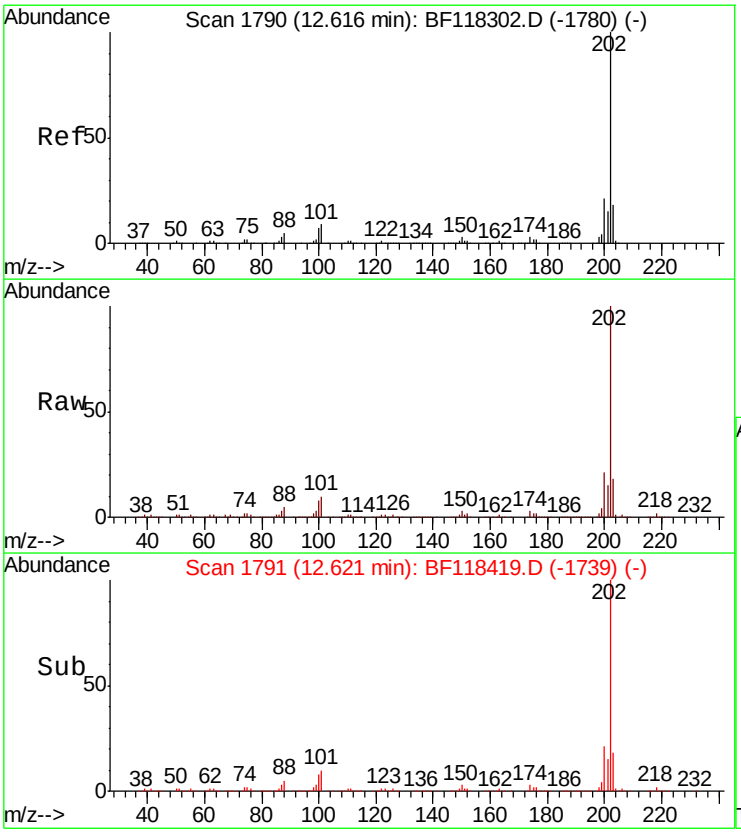
#73
Carbazole
Concen: 5.605 ng
RT: 11.63 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 42725

Ion	Ratio	Lower	Upper
167	100		
166	20.1	18.1	27.1
139	15.6	11.5	17.3

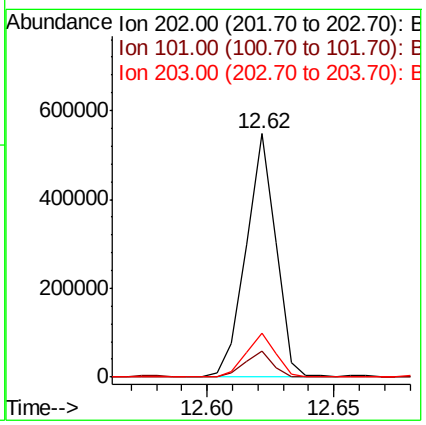


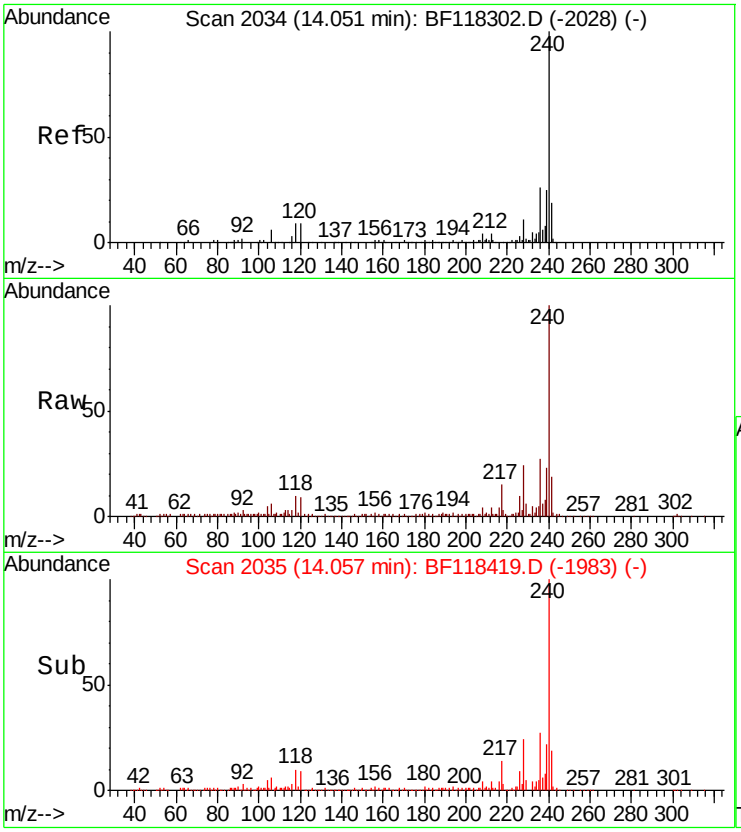


#75
Fluoranthene
Concen: 52.088 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:202 Resp: 451144

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.5
203	17.9	0.0	37.6



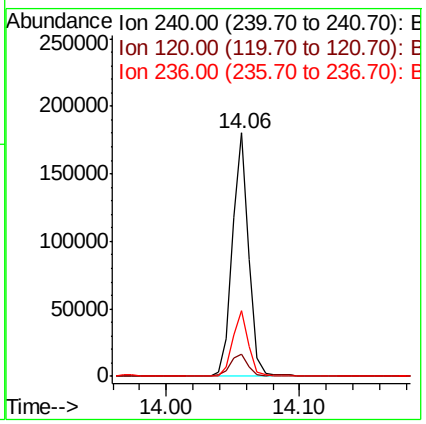


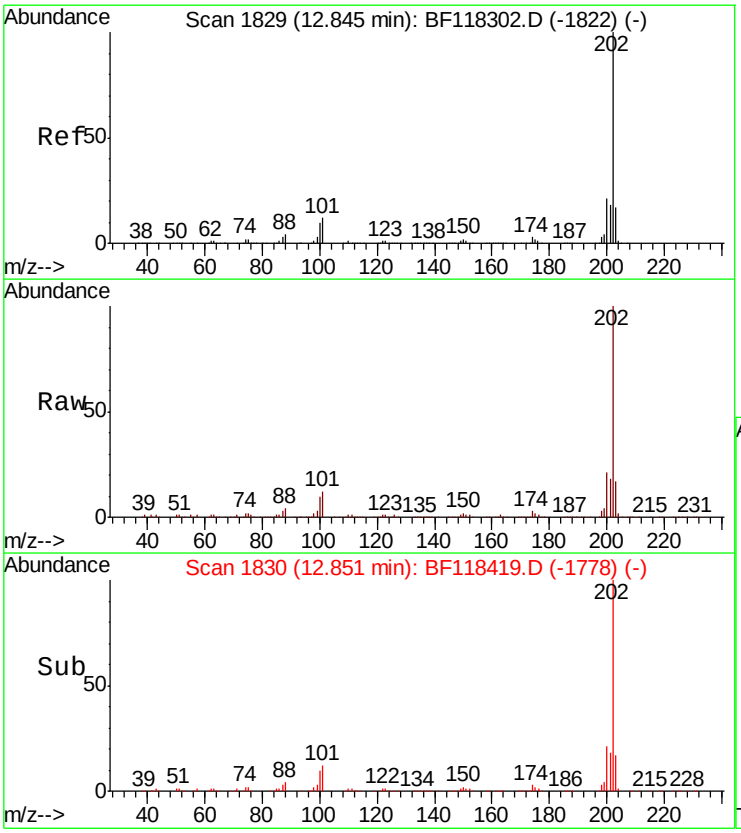
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 155204

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	27.0	21.0	31.6

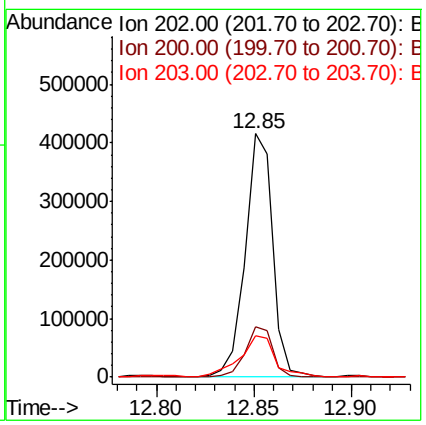


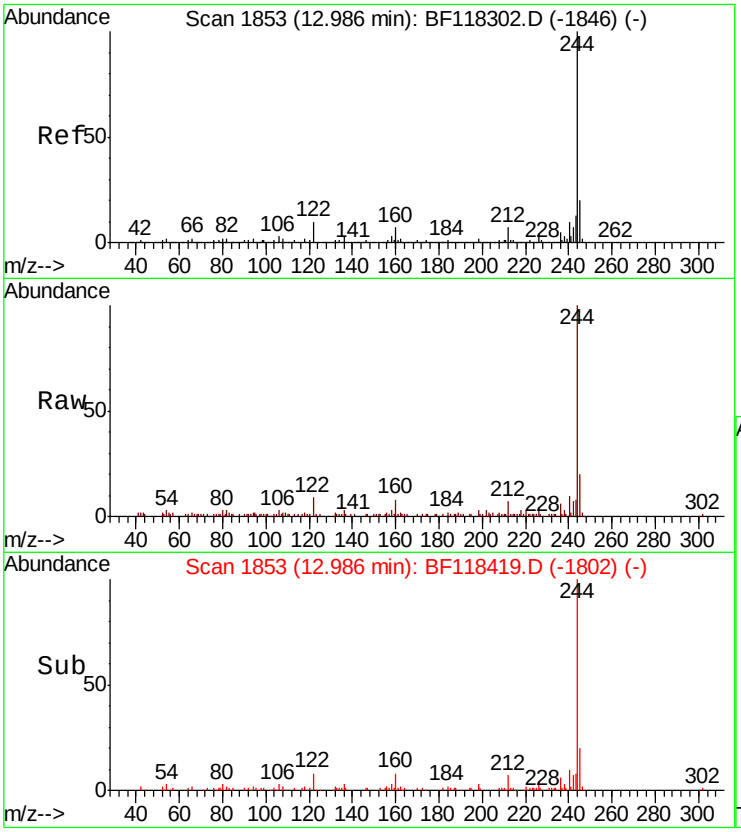


#78
Pyrene
Concen: 31.762 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:202 Resp: 402554

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	17.1	13.9	20.9



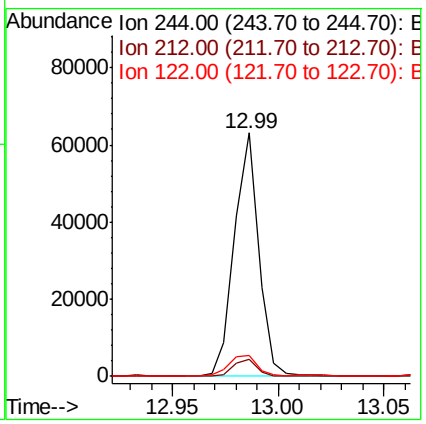


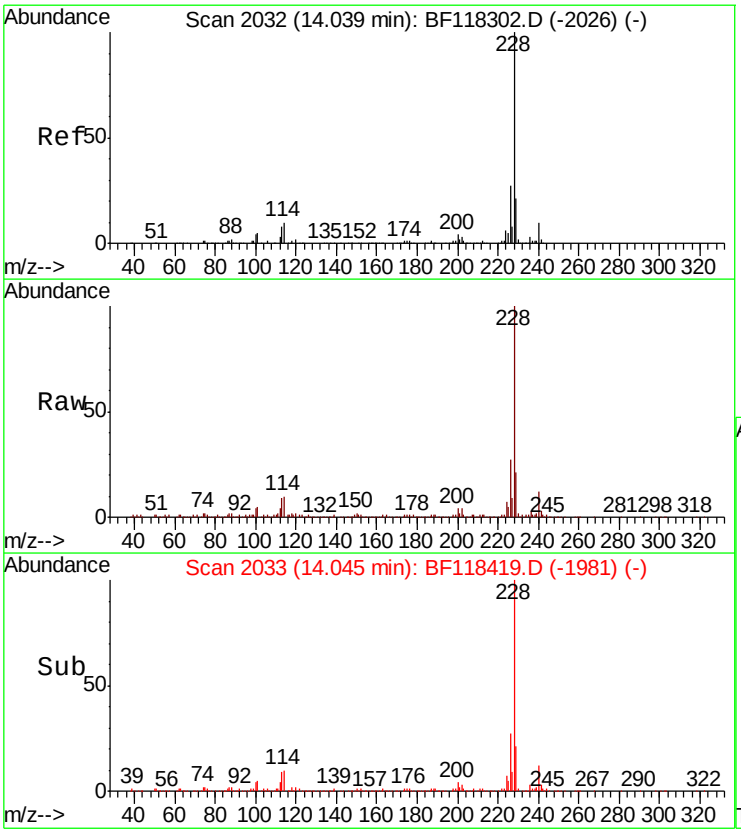
#79
Terphenyl-d14
Concen: 5.372 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 50257

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	8.7	7.8	11.8

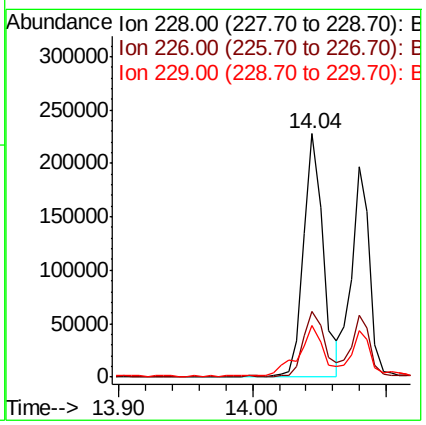


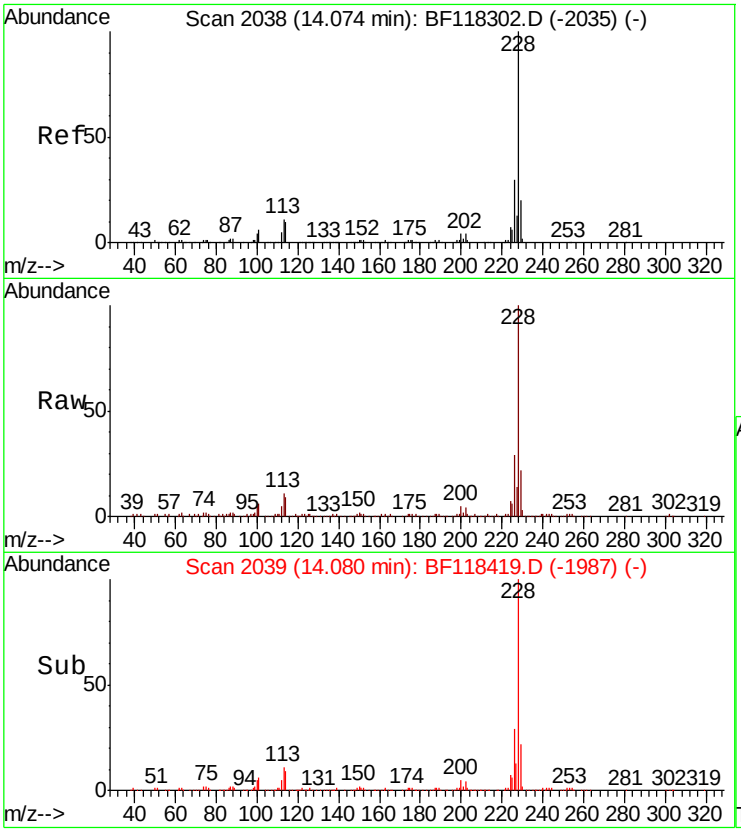


#81
Benzo(a)anthracene
Concen: 20.897 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:228 Resp: 227021

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	20.9	16.6	24.8



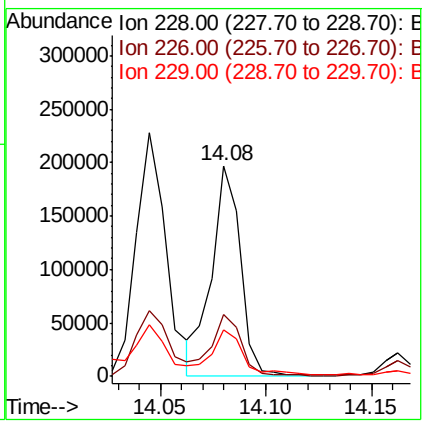


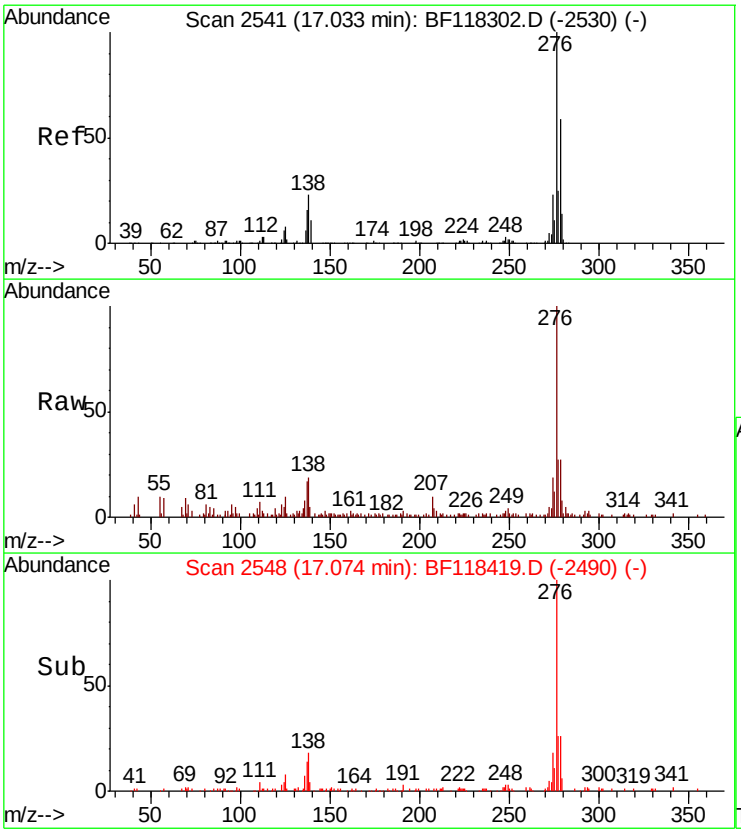
#83
Chrysene
Concen: 17.948 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 186700

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	21.9	16.1	24.1

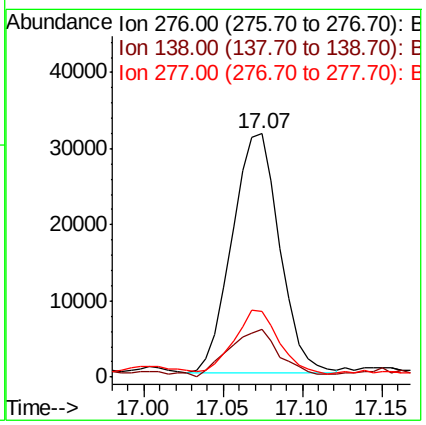


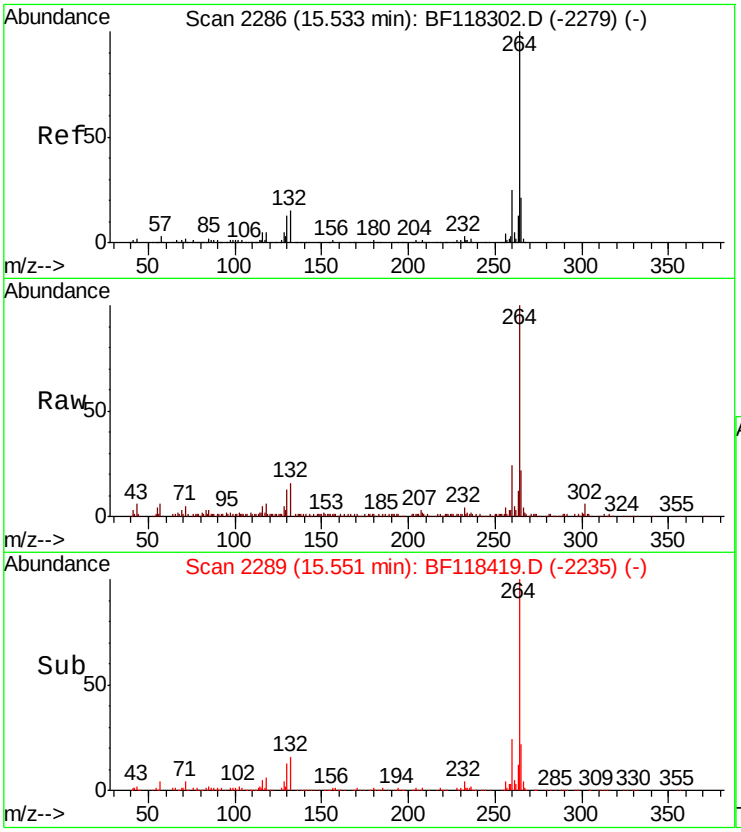


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.434 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:276 Resp: 65888

Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.5	29.3
277	25.5	20.6	30.8



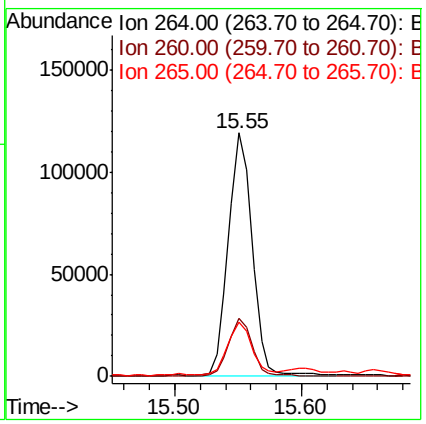


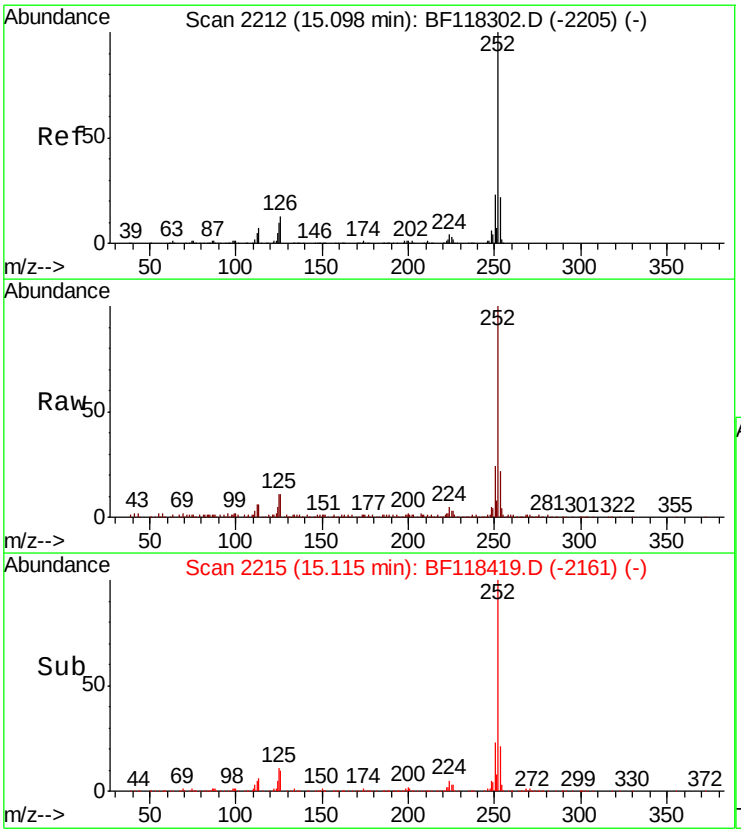
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154645

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	22.4	17.0	25.4

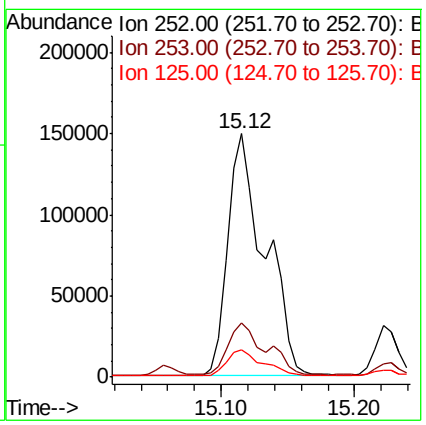


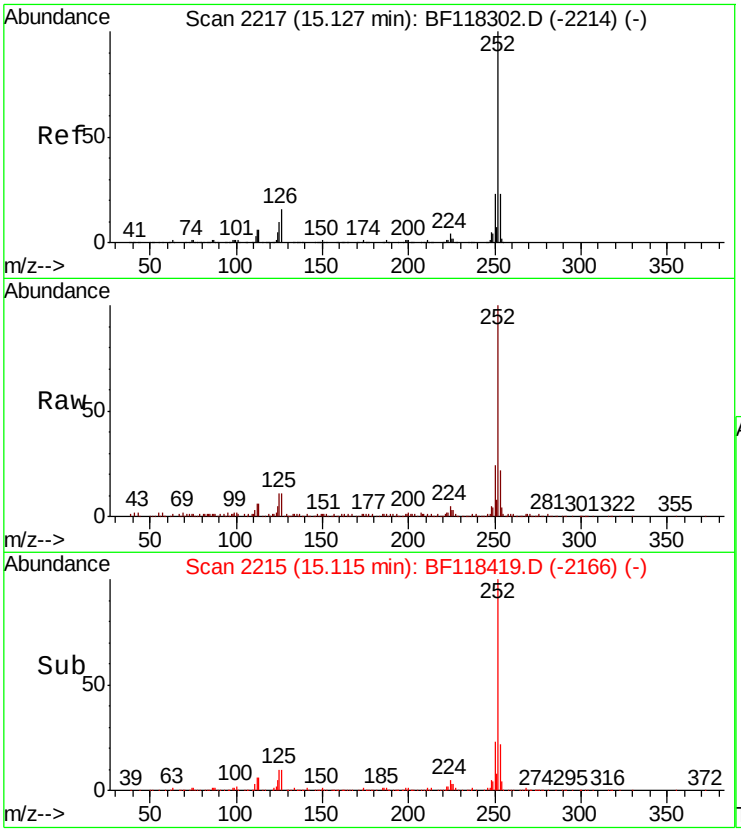


#88
Benzo(b)fluoranthene
Concen: 28.227 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:252 Resp: 289761

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.1	7.7	11.5



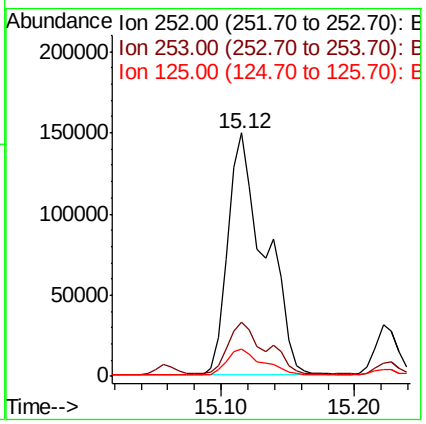


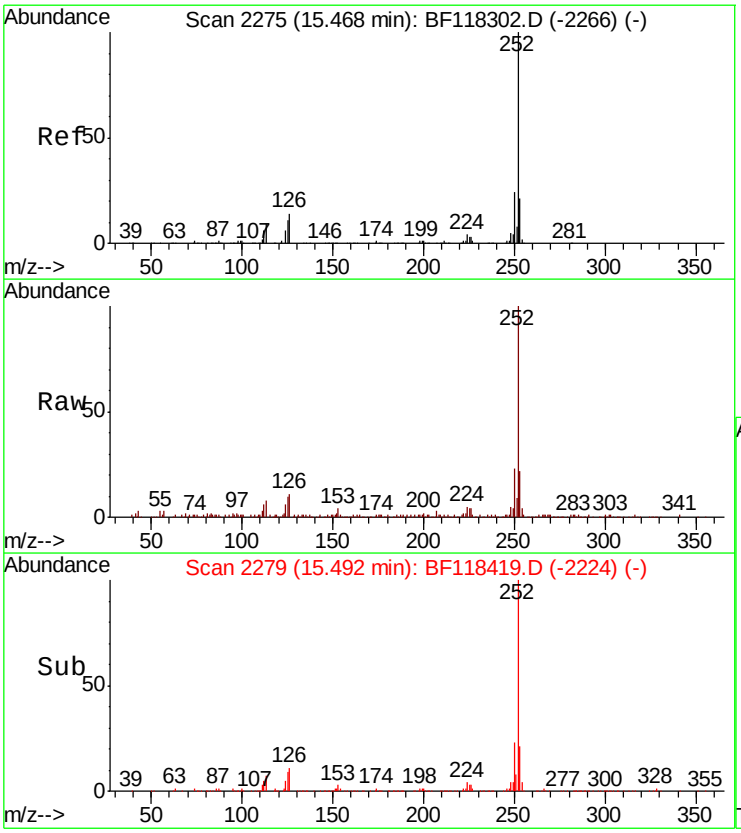
#89
Benzo(k)fluoranthene
Concen: 29.398 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 289761

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	8.0	12.0

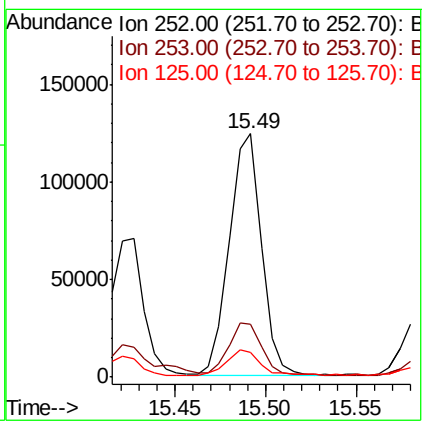


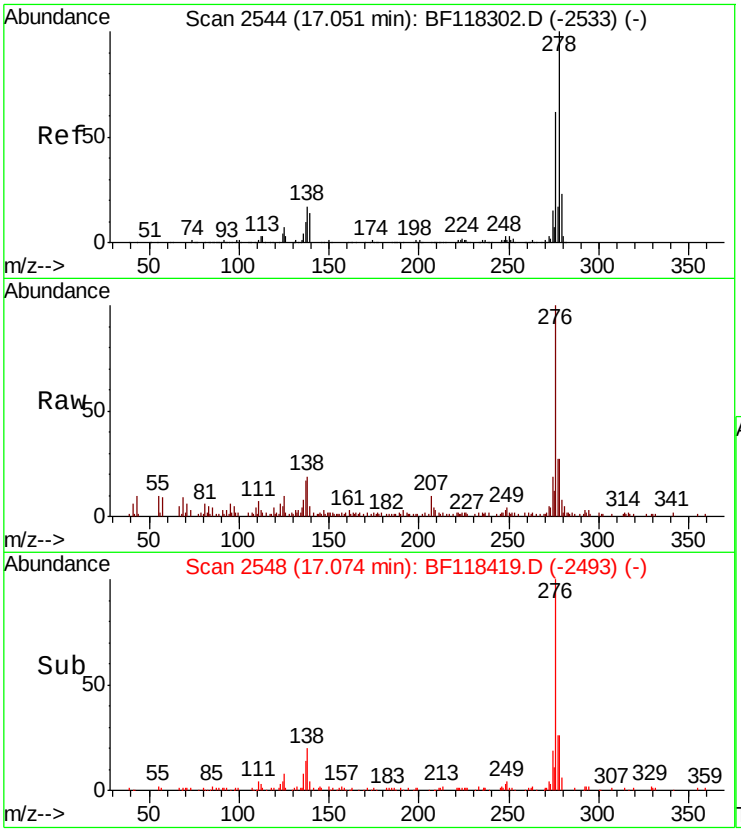


#90
Benzo(a)pyrene
Concen: 16.985 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:252 Resp: 153596

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	9.9	9.0	13.4



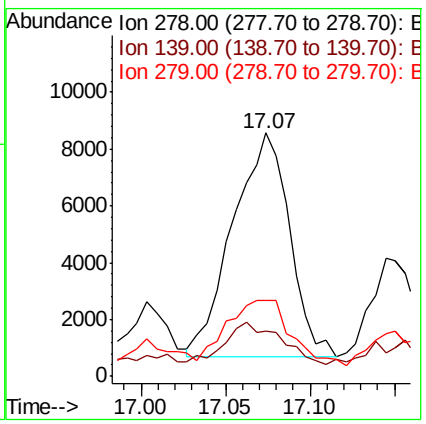


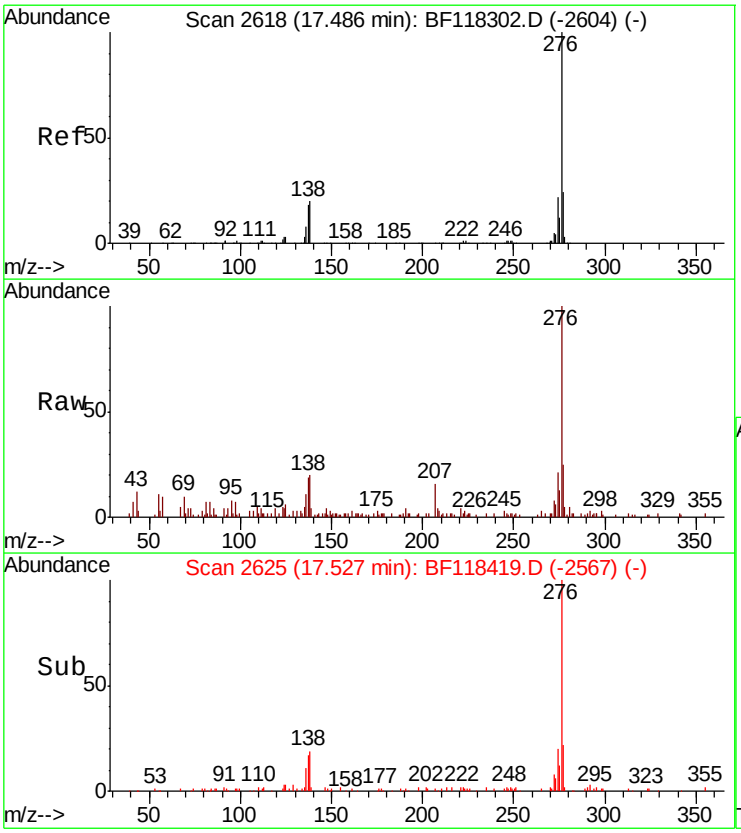
#91
Dibenzo(a,h)anthracene
Concen: 2.339 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 18355

Ion	Ratio	Lower	Upper
278	100		
139	18.7	11.5	17.3#
279	31.0	18.3	27.5#





#92
Benzo(g,h,i)perylene
Concen: 7.338 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118419.D
Acq: 31 Dec 2019 21:44

Tgt Ion:276 Resp: 55628

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.1	28.7
138	19.9	16.1	24.1