Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118349.D
Acq On : 27 Dec 2019 20:33
Operator : JU
Sample : K6437-02DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 00:01:49 2019
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	139124	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	549859	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	264307	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	415460	20.00	ng		0.00
76) Chrysene-d12	14.05	240	334096	20.00	ng		0.00
87) Perylene-d12	15.54	264	365840	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	65960	8.09	ng		0.00
7) Phenol-d6	6.49	99	88470	8.75	ng		0.00
23) Nitrobenzene-d5	7.42	82	49743	5.17	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	21507	6.59	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	105140	6.07	ng		0.00
79) Terphenyl-d14	12.98	244	98939	4.91	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.42	82	49742	2.969	ng	#	62
31) Naphthalene	8.16	128	80854	2.893	ng		99
49) Acenaphthylene	9.76	152	112315	4.501	ng		99
51) 2,6-Dinitrotoluene	9.90	165	35250	8.241	ng	#	27
52) Acenaphthene	9.93	154	40124	2.640	ng		98
55) Dibenzofuran	10.10	168	151725	6.756	ng		99
56) 4-Nitrophenol	10.10	139	59782	19.289	ng	#	8
58) Fluorene	10.45	166	203309	11.214	ng		99
71) Phenanthrene	11.42	178	1618533	71.462	ng		100
72) Anthracene	11.47	178	248066	10.942	ng		98
73) Carbazole	11.63	167	174581	8.679	ng		98
75) Fluoranthene	12.62	202	1528988	66.892	ng		99
78) Pyrene	12.85	202	1174155	43.037	ng		99
81) Benzo(a)anthracene	14.04	228	603138	25.791	ng		99
83) Chrysene	14.07	228	532917	23.799	ng		97
86) Indeno(1,2,3-cd)pyrene	17.04	276	213495	11.190	ng		94
88) Benzo(b)fluoranthene	15.10	252	903114	37.189	ng		98
89) Benzo(k)fluoranthene	15.10	252	903114	38.731	ng		99
90) Benzo(a)pyrene	15.48	252	436477	20.403	ng		97
91) Dibenzo(a,h)anthracene	17.22	278	41211	2.220	ng		93
92) Benzo(g,h,i)perylene	17.50	276	169407	9.447	ng		99

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

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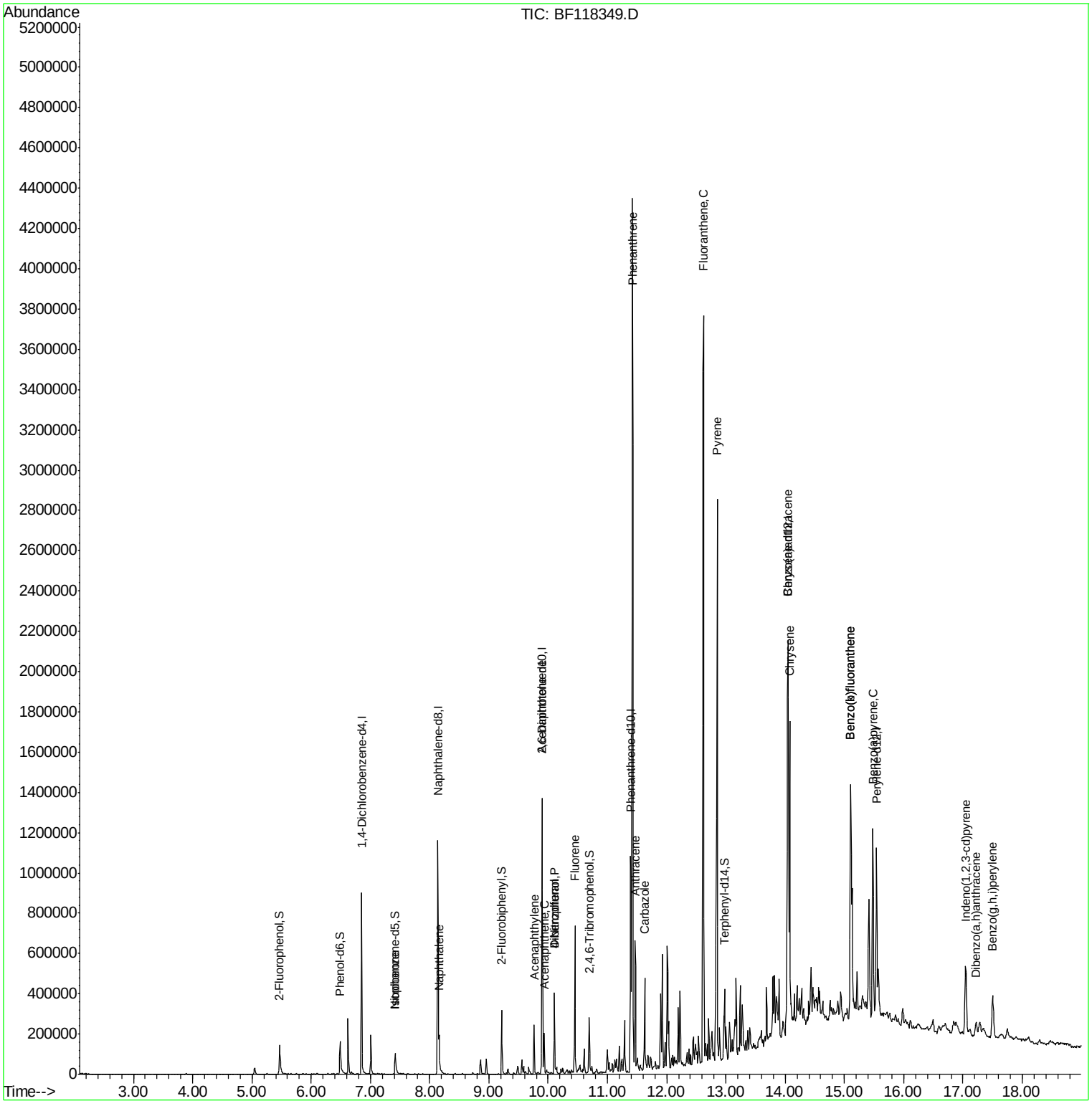
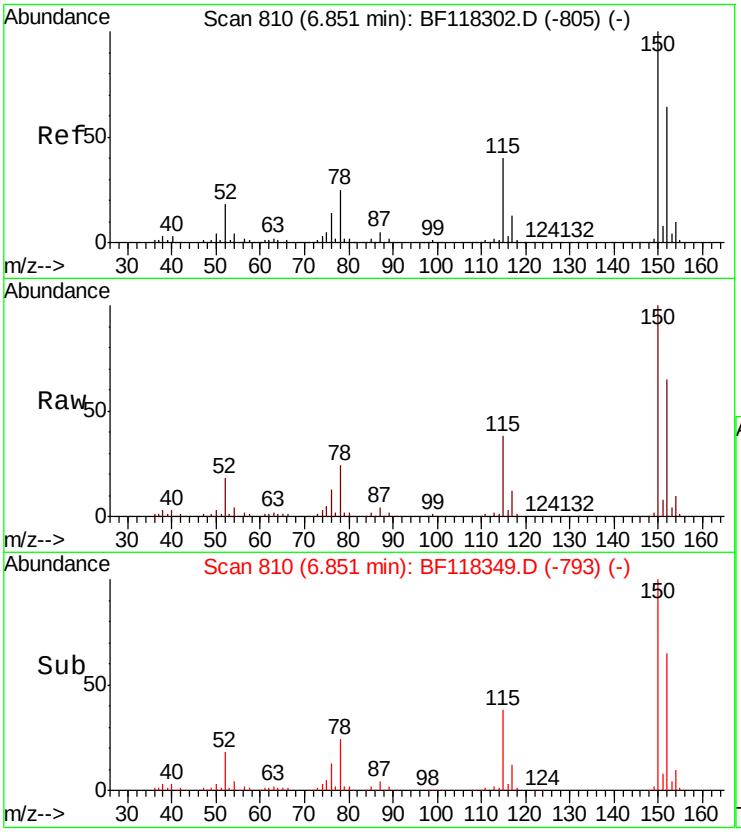


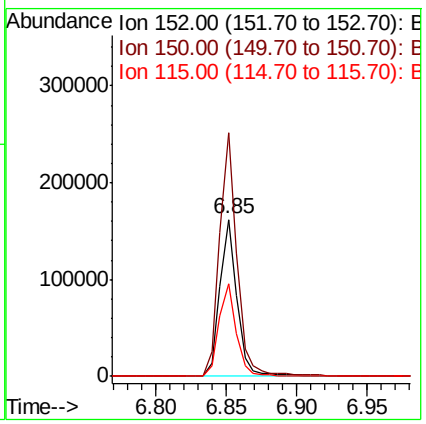


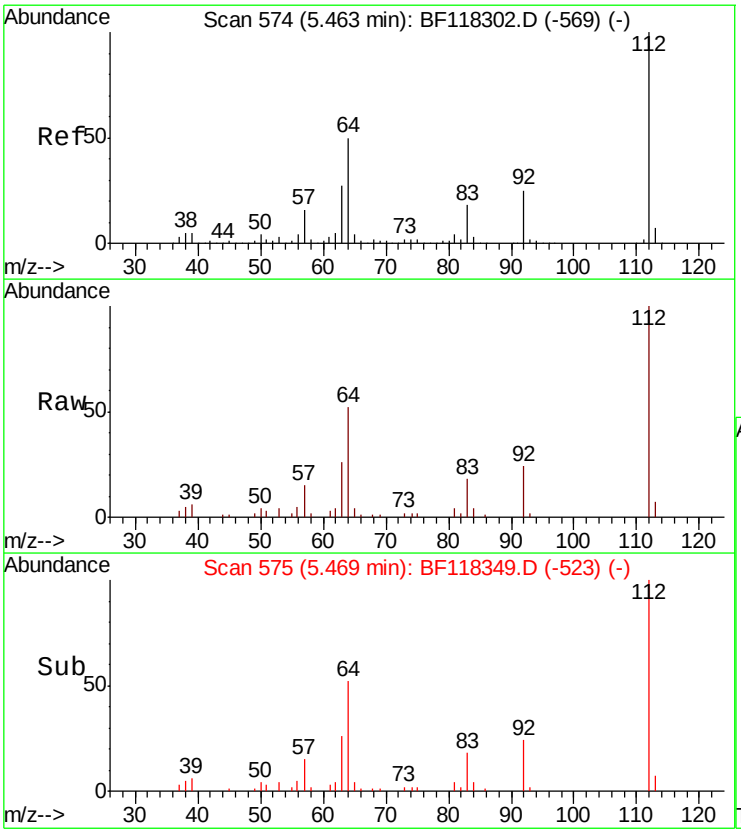
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139124

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.4	188.2
115	59.0	50.2	75.4

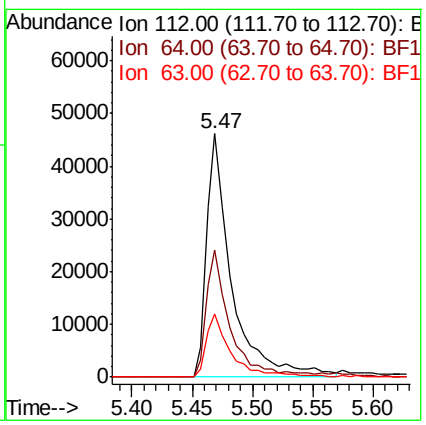


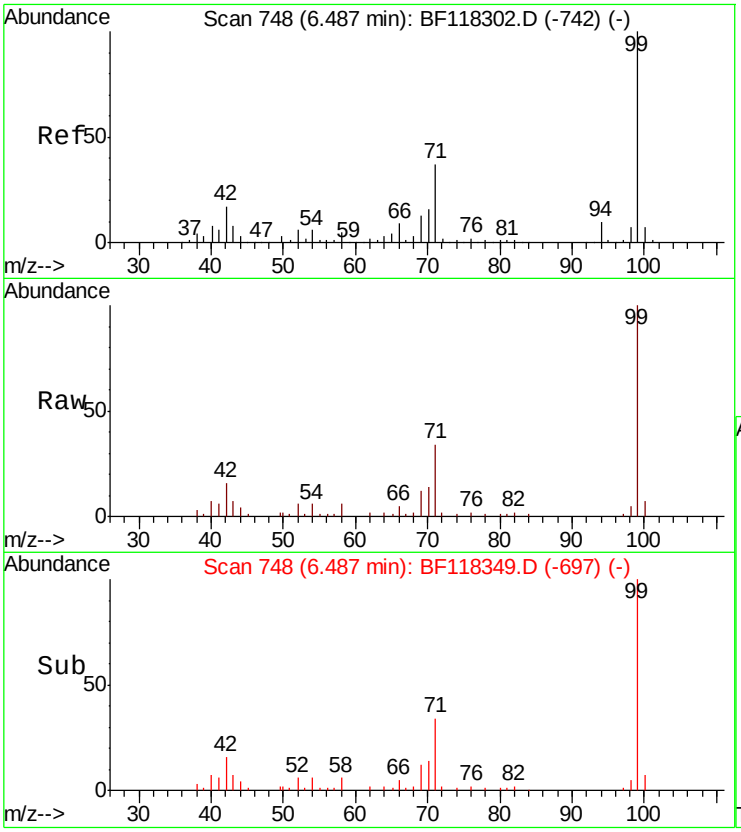


#5
2-Fluorophenol
Concen: 8.093 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:112 Resp: 65960

Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.7	59.5
63	26.1	21.7	32.5



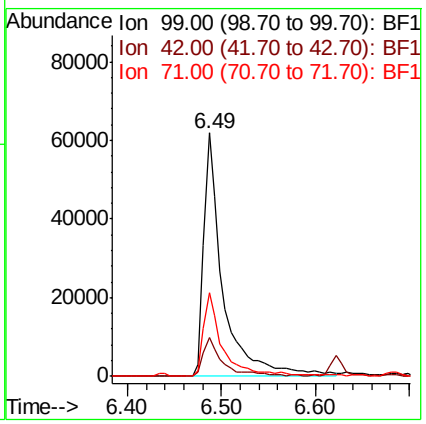


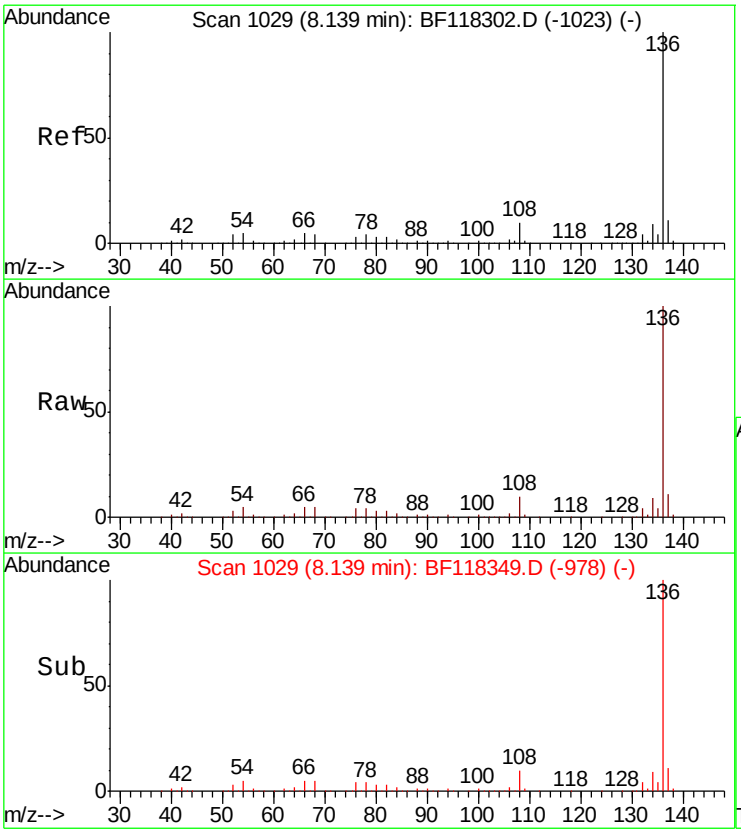
#7
Phenol-d6
Concen: 8.750 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 88470

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	34.3	29.4	44.2

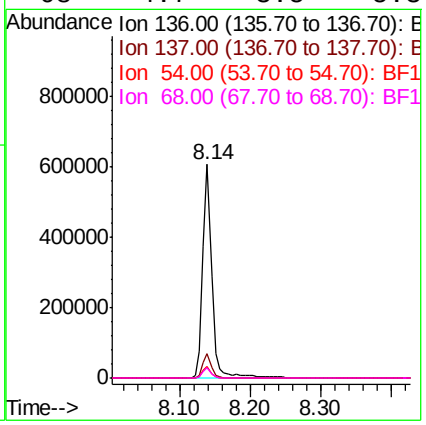


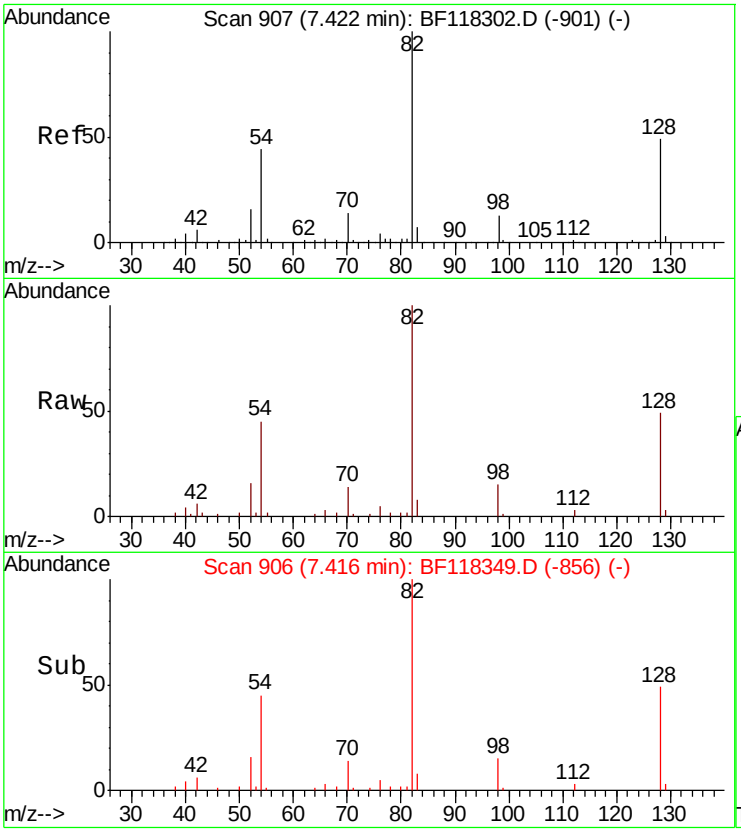


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:136 Resp: 549859

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.3	4.2	6.4
68	4.7	3.5	5.3



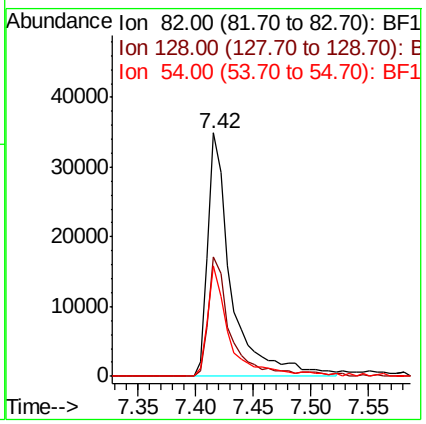


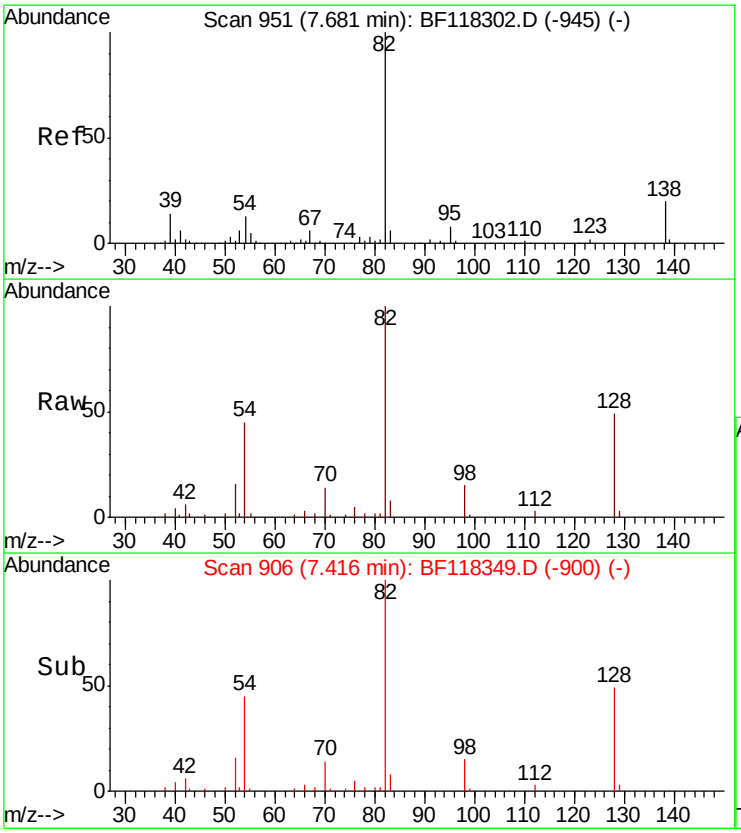
#23
Nitrobenzene-d5
Concen: 5.174 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 49743

Ion	Ratio	Lower	Upper
82	100		
128	49.3	39.6	59.4
54	45.3	34.9	52.3

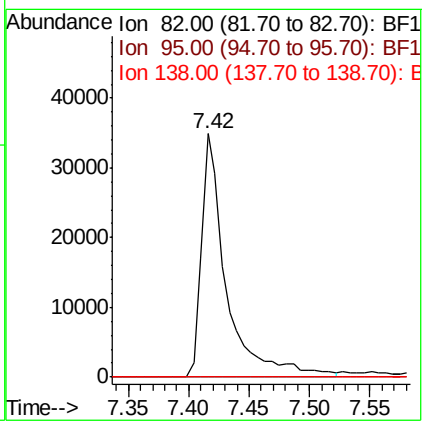


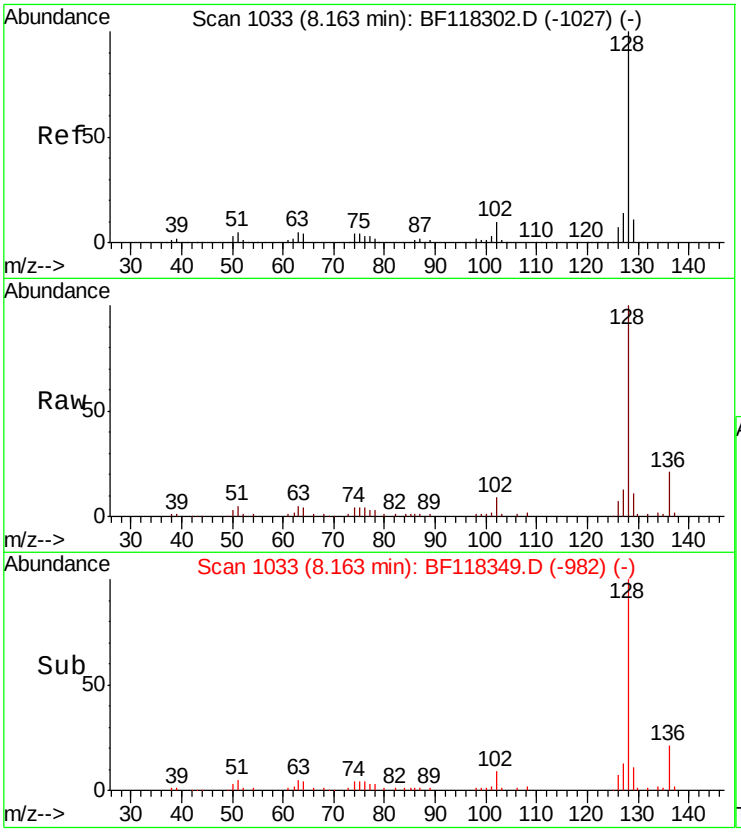


#25
Isophorone
Concen: 2.969 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion: 82 Resp: 49742

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



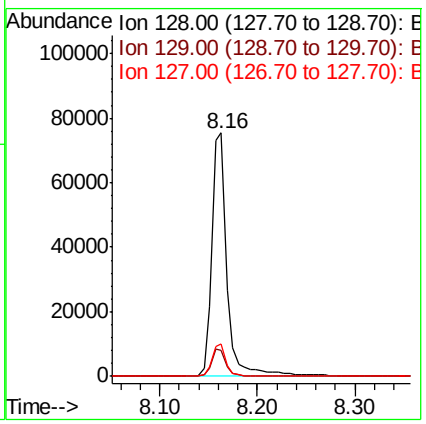


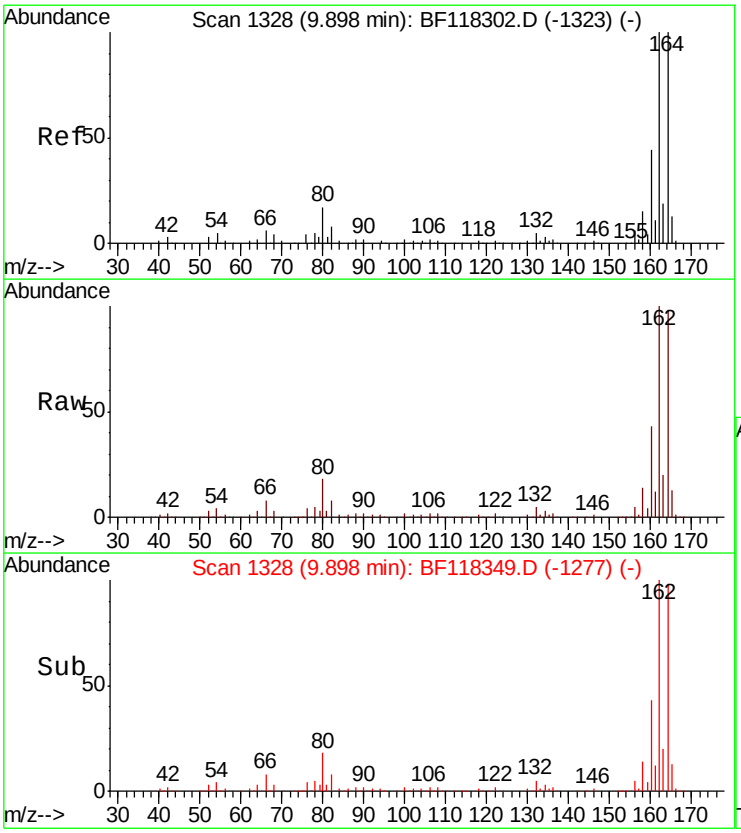
#31
Naphthalene
Concen: 2.893 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 80854

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	11.0	16.4

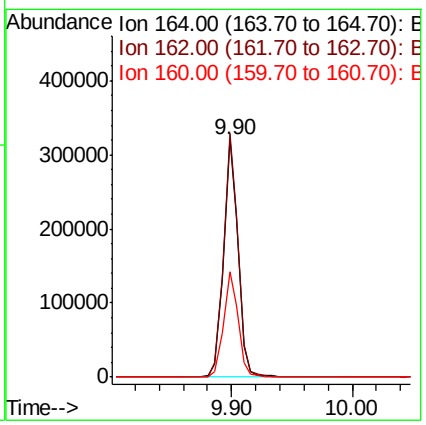


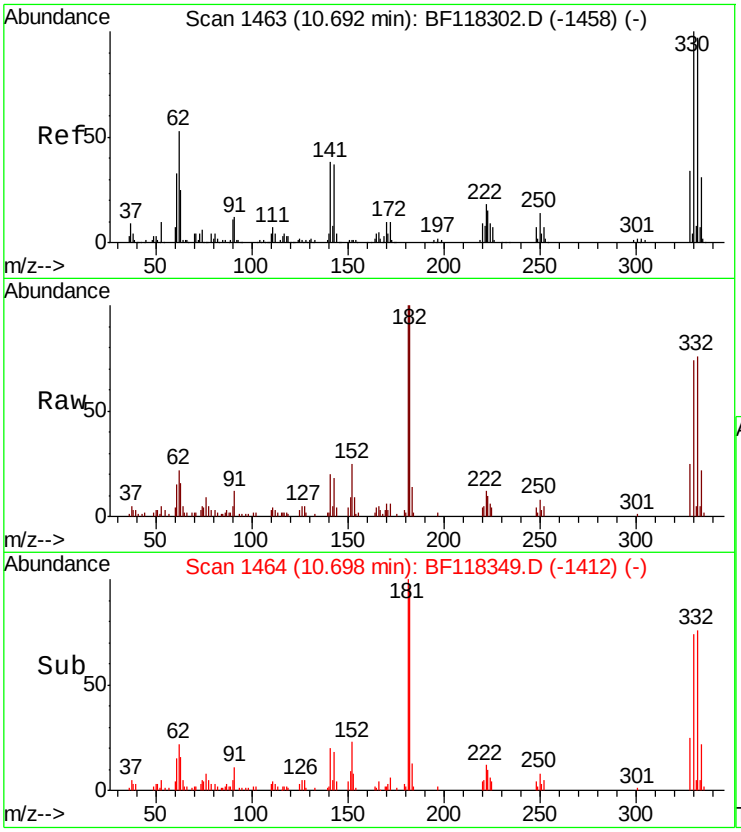


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:164 Resp: 264307

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.0	120.0
160	44.1	34.8	52.2



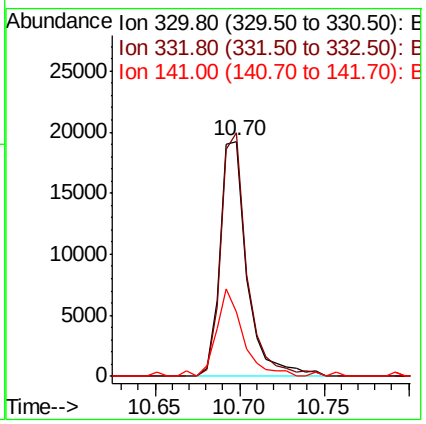


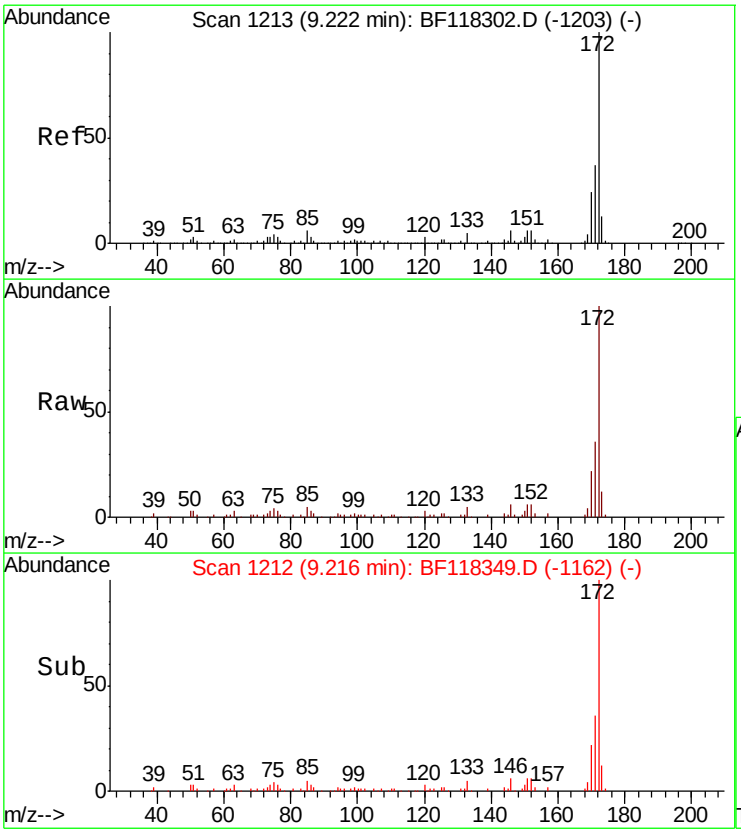
#42
2,4,6-Tribromophenol
Concen: 6.589 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 21507

Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.6	114.8
141	36.9	26.0	39.0

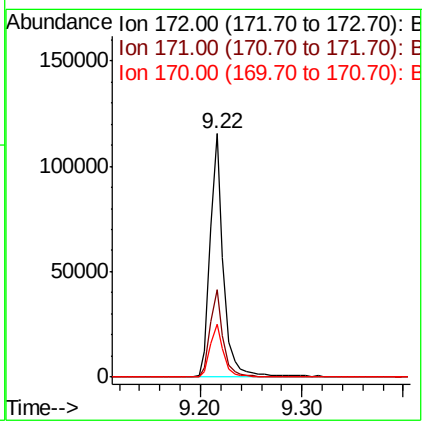


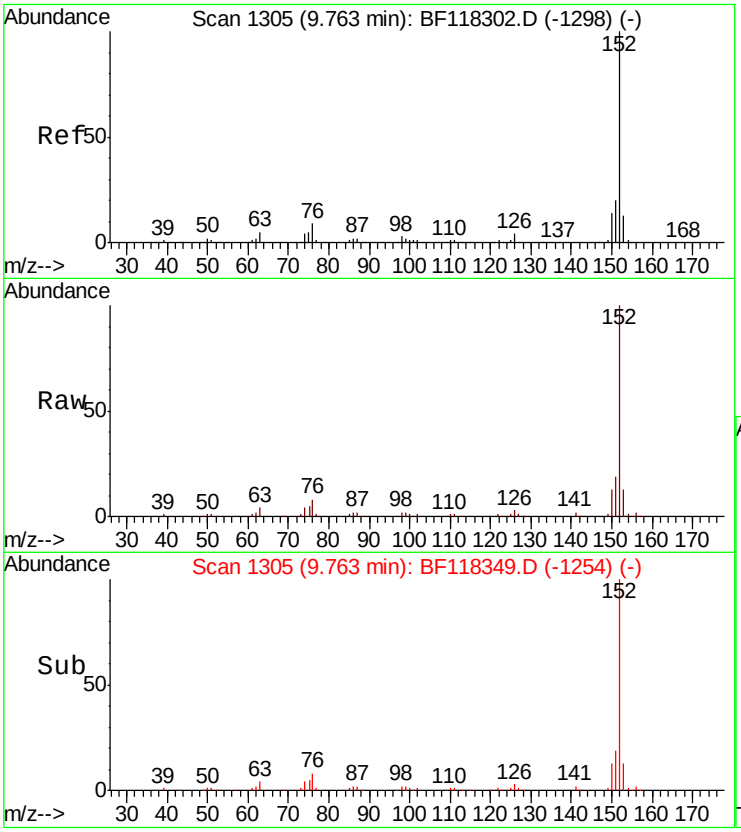


#45
2-Fluorobiphenyl
Concen: 6.072 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:172 Resp: 105140

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	21.8	19.2	28.8



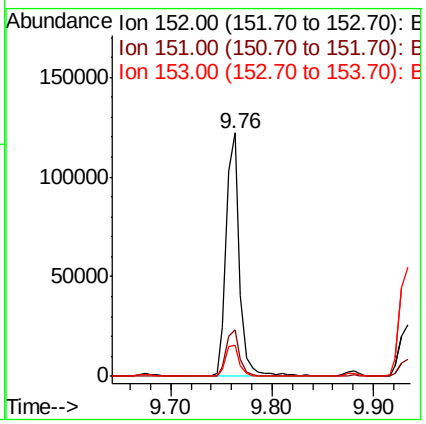


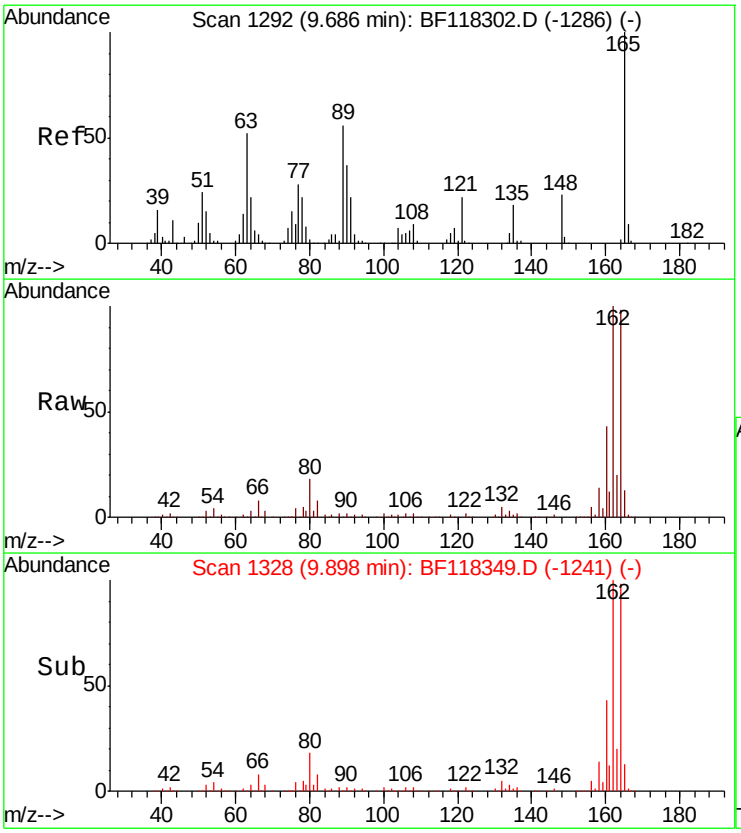
#49
Acenaphthylene
Concen: 4.501 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112315

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	12.9	10.5	15.7

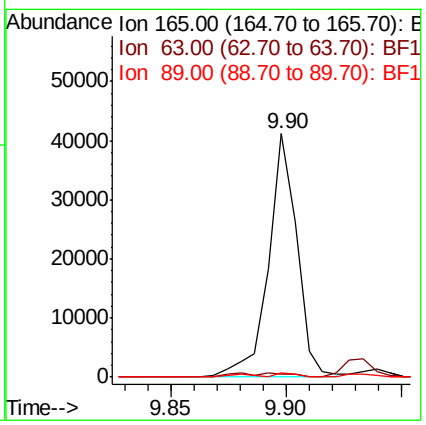


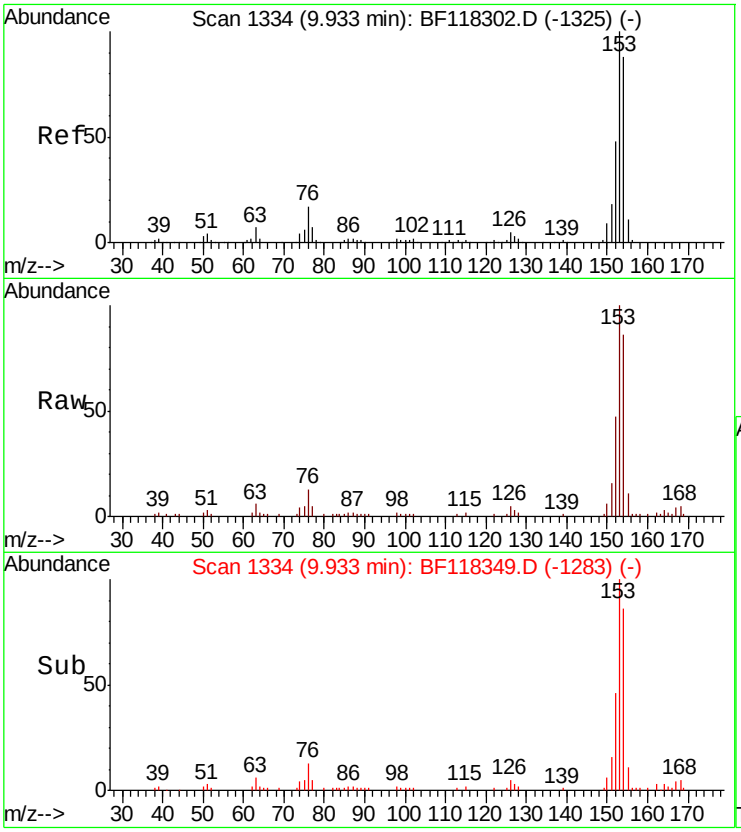


#51
2,6-Dinitrotoluene
Concen: 8.241 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:165 Resp: 35250

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.4#
89	1.8	44.4	66.6#



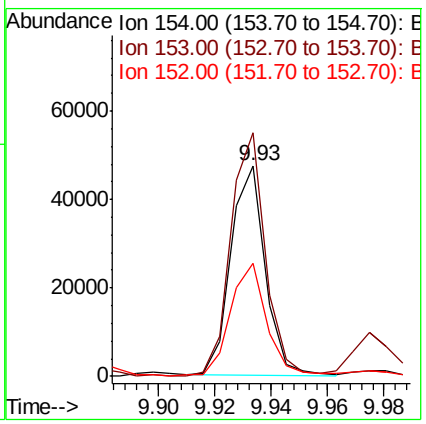


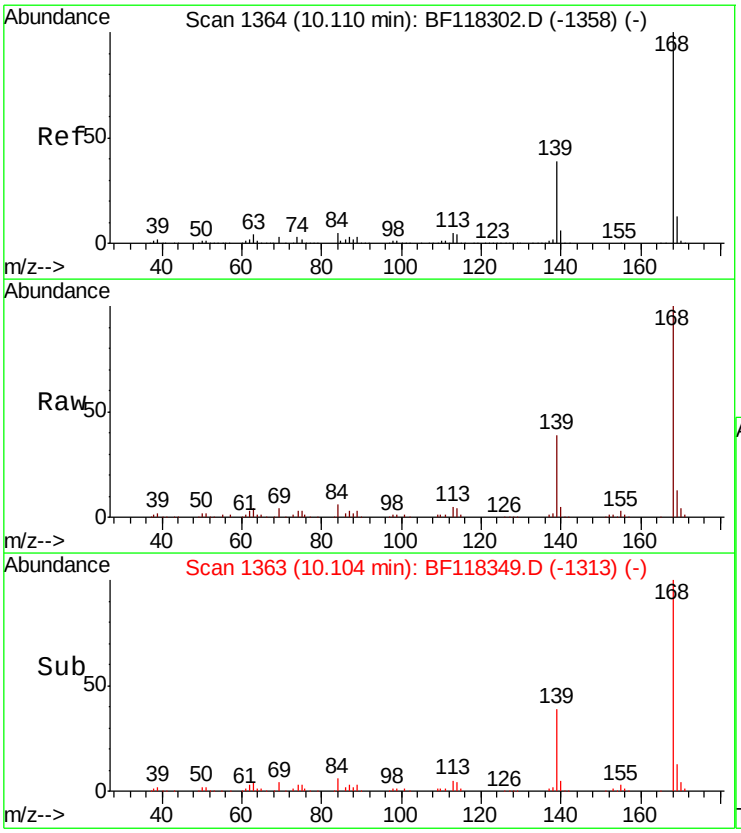
#52
Acenaphthene
Concen: 2.640 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 40124

Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.6	136.0
152	54.0	43.1	64.7

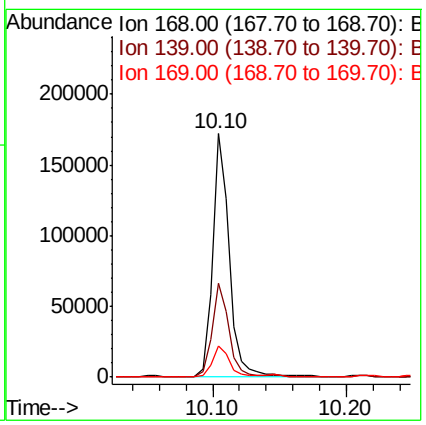


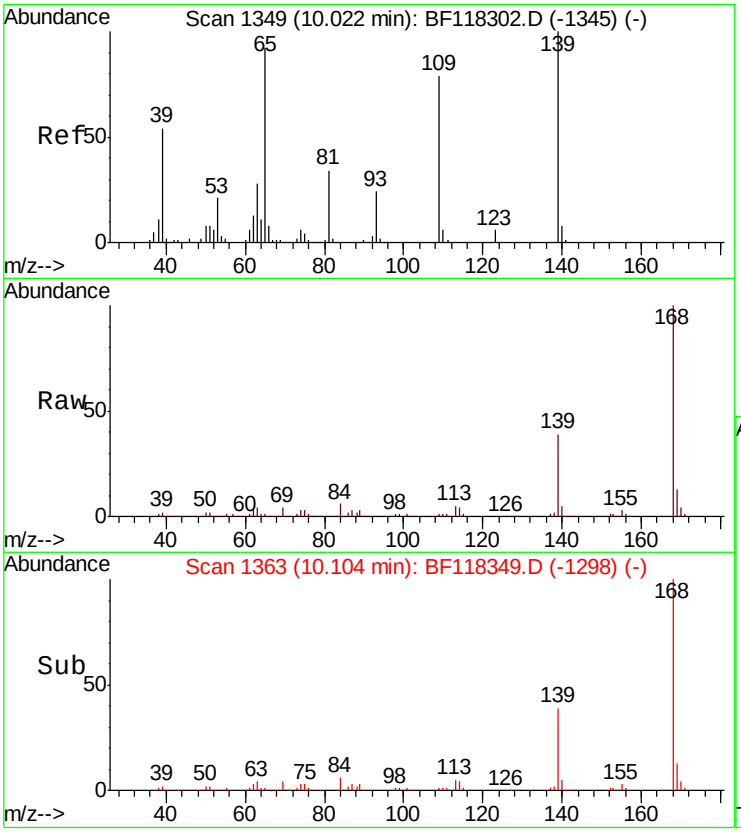


#55
Dibenzofuran
Concen: 6.756 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:168 Resp: 151725

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.5	47.3
169	12.9	10.4	15.6



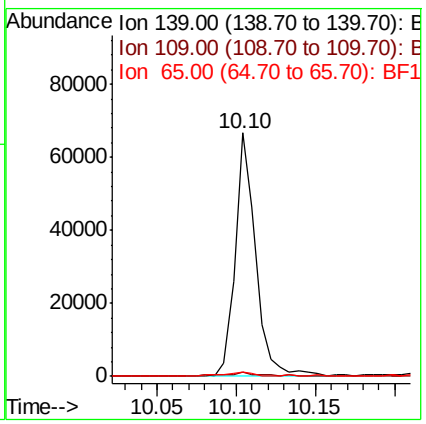


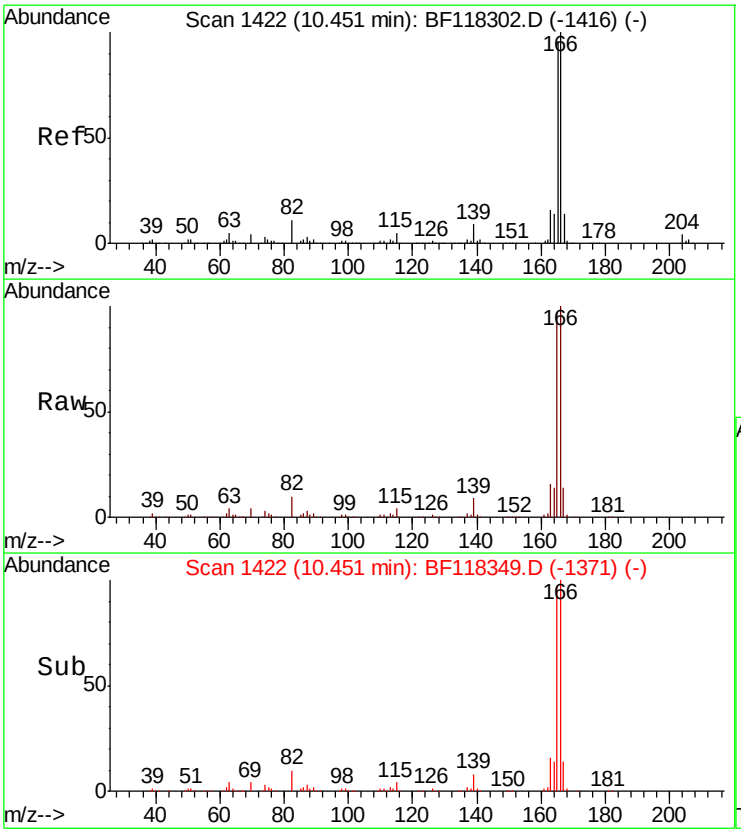
#56
4-Nitrophenol
Concen: 19.289 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 59782

Ion	Ratio	Lower	Upper
139	100		
109	1.5	59.3	99.3#
65	1.6	72.4	112.4#

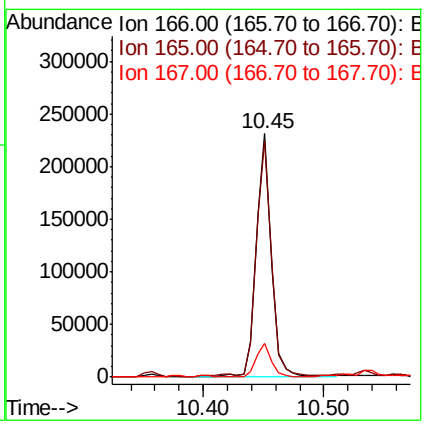


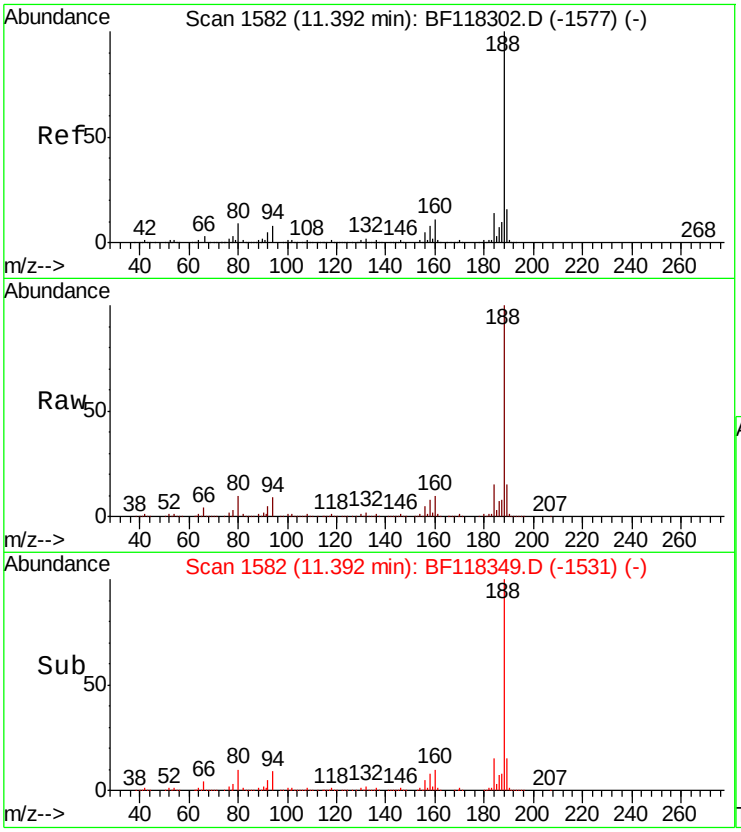


#58
Fluorene
Concen: 11.214 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:166 Resp: 203309

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.0	115.4
167	13.7	10.9	16.3



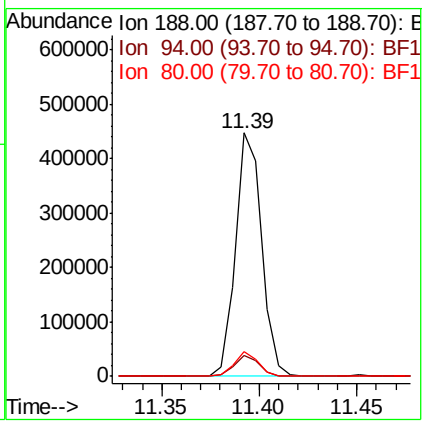


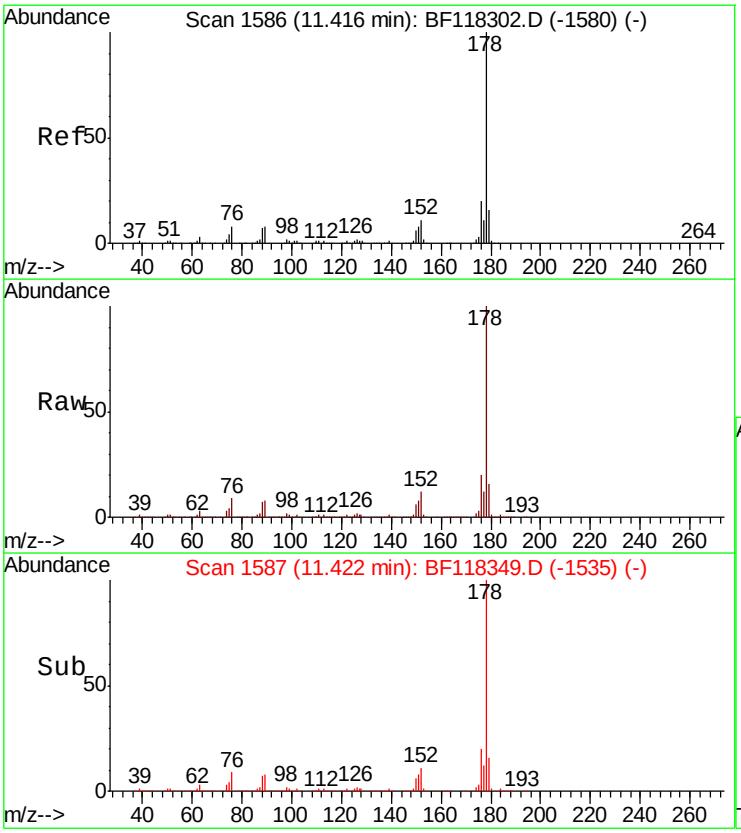
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 415460

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	10.1	7.2	10.8

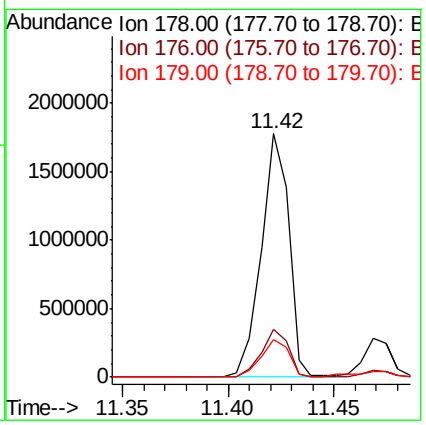


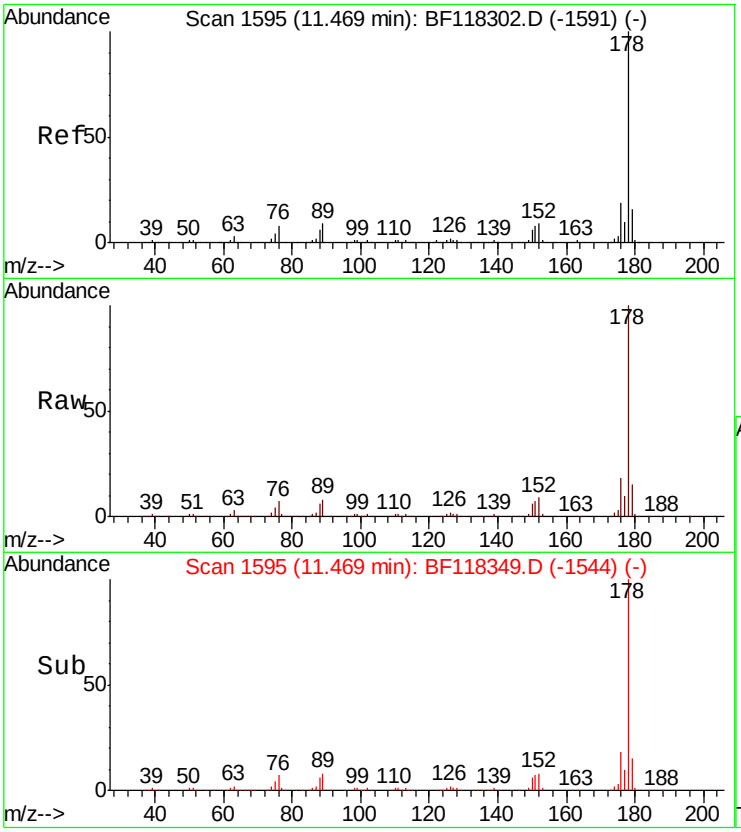


#71
Phenanthrene
Concen: 71.462 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:178 Resp: 1618533

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.6	19.0



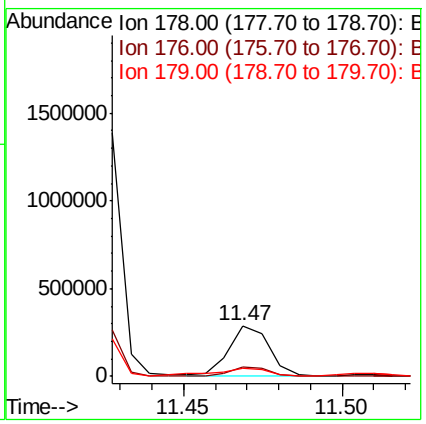


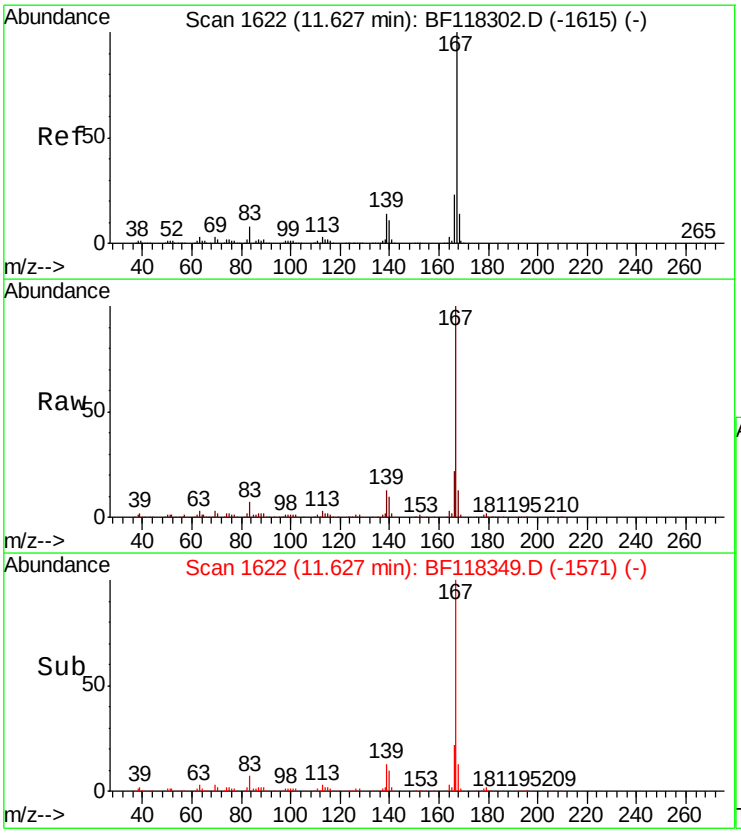
#72
Anthracene
Concen: 10.942 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 248066

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	15.1	12.9	19.3

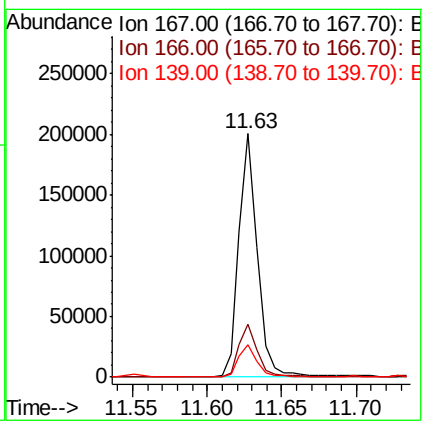


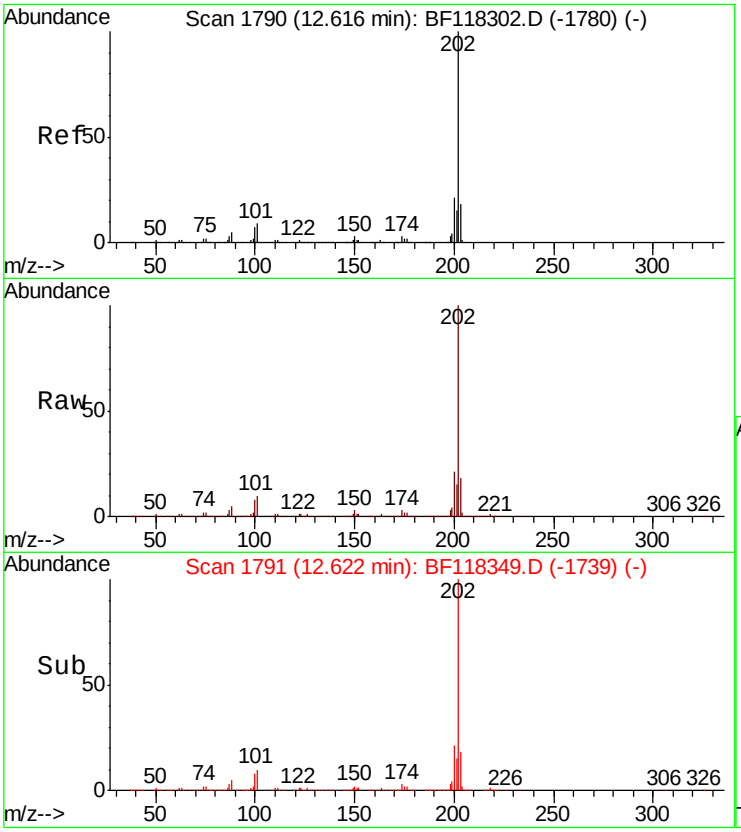


#73
Carbazole
Concen: 8.679 ng
RT: 11.63 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:167 Resp: 174581

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.5	11.5	17.3



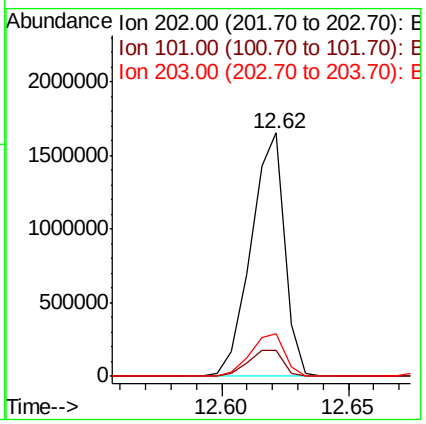


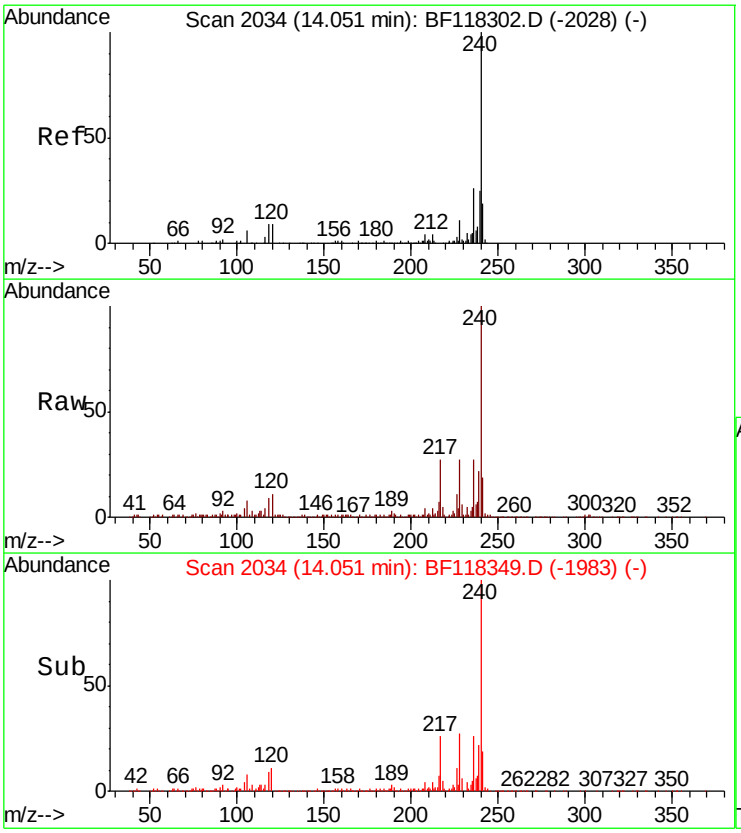
#75
Fluoranthene
Concen: 66.892 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1528988

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.5
203	17.5	0.0	37.6

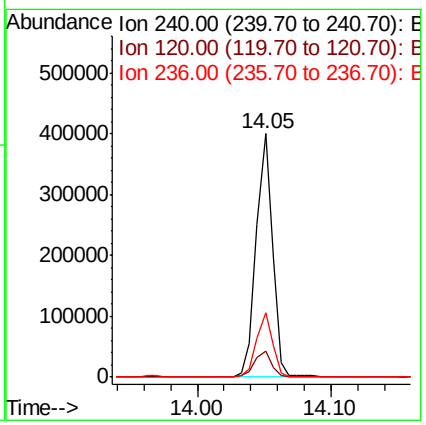


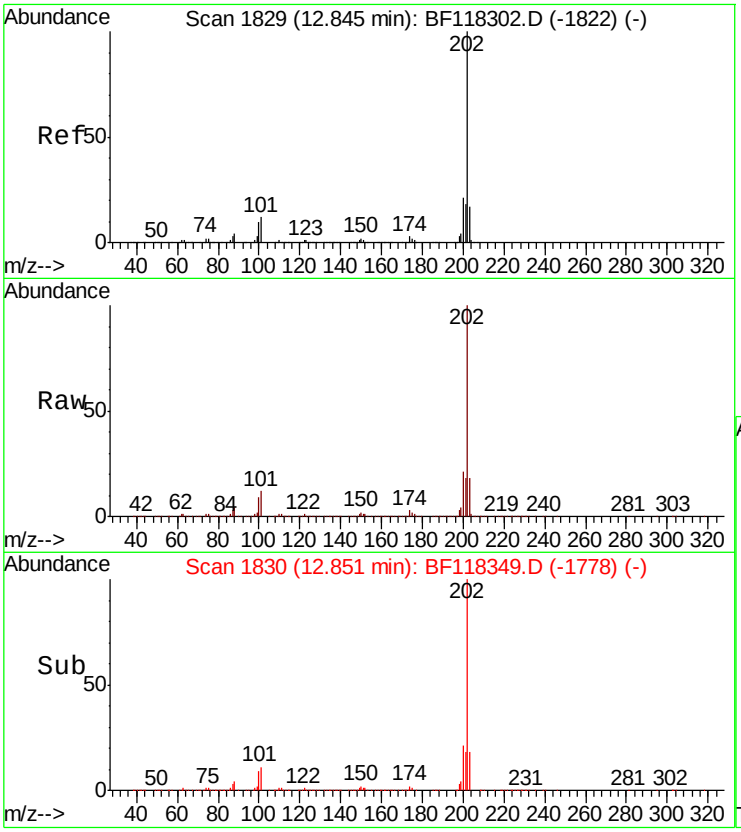


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:240 Resp: 334096

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	26.6	21.0	31.6



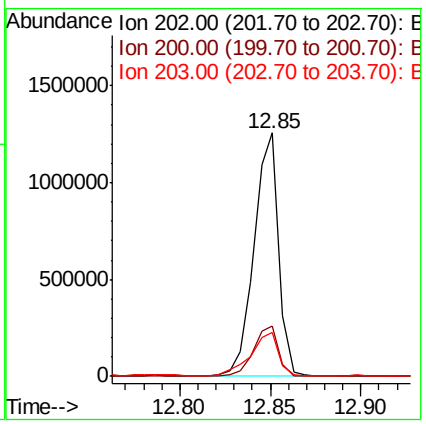


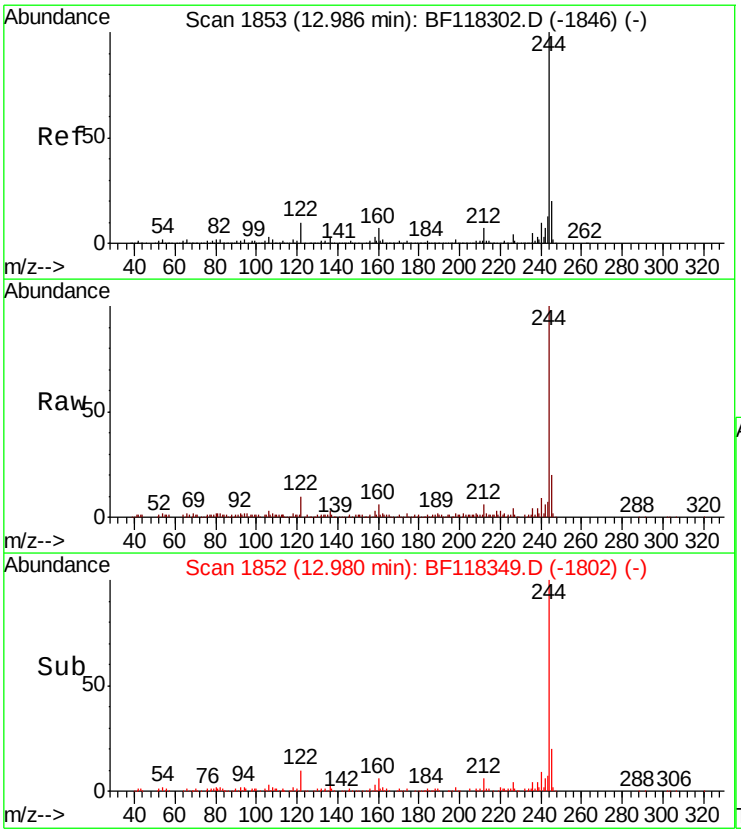
#78
Pyrene
Concen: 43.037 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1174155

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.8	13.9	20.9

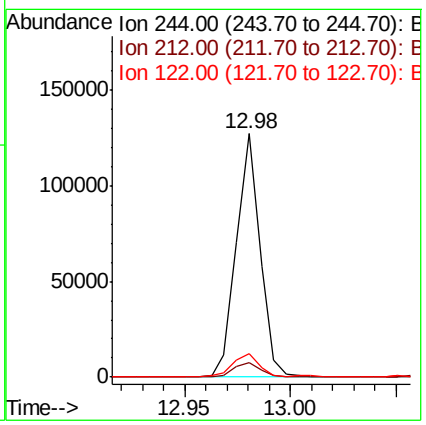


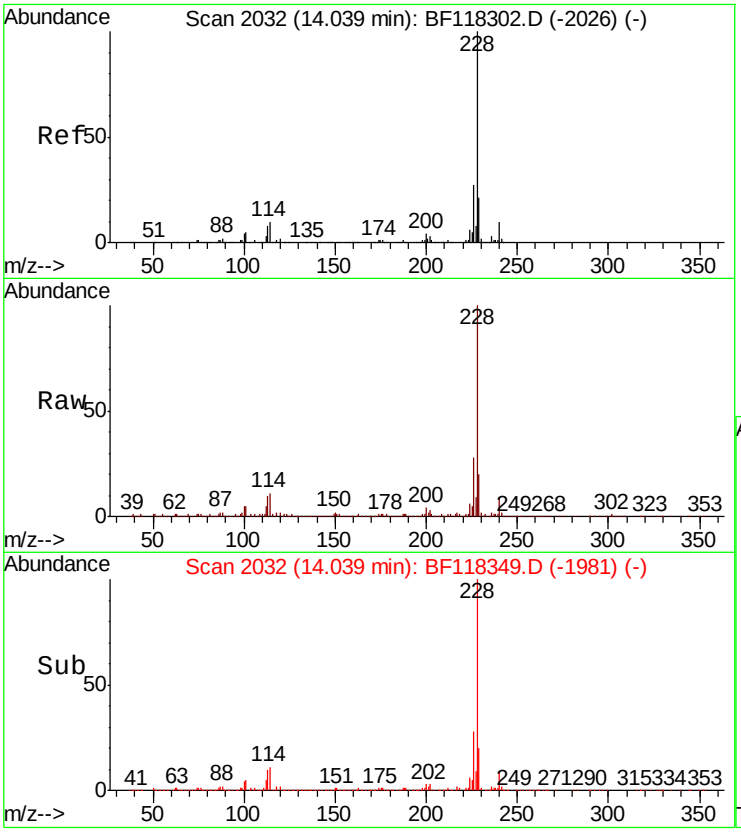


#79
Terphenyl-d14
Concen: 4.913 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:244 Resp: 98939

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.2
122	9.7	7.8	11.8



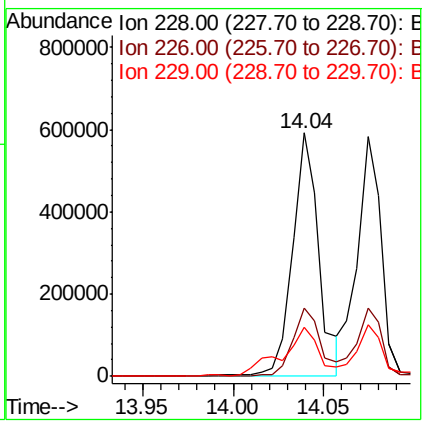


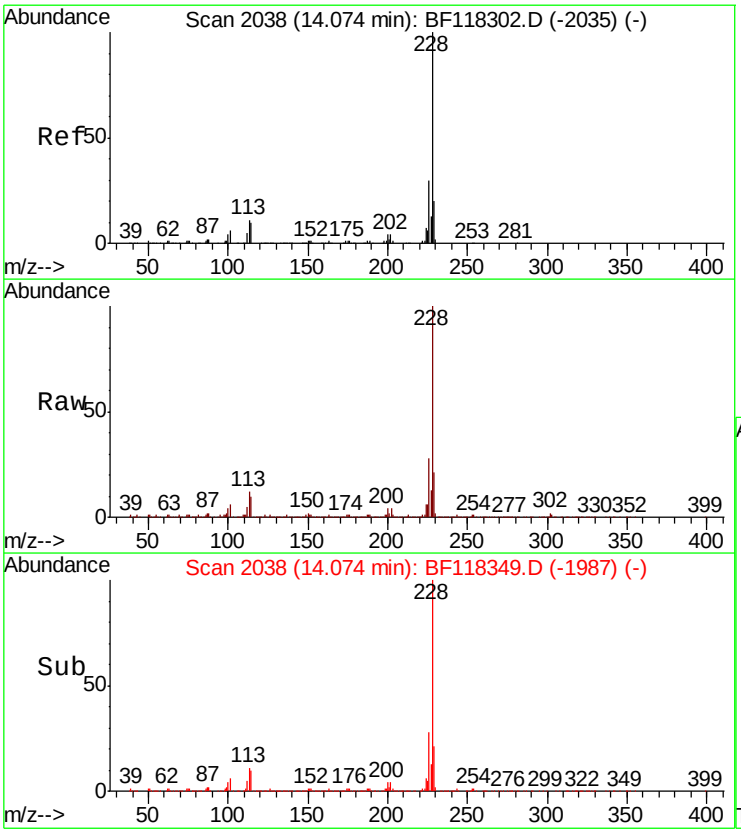
#81
Benzo(a)anthracene
Concen: 25.791 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 603138

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.0	33.0
229	20.1	16.6	24.8

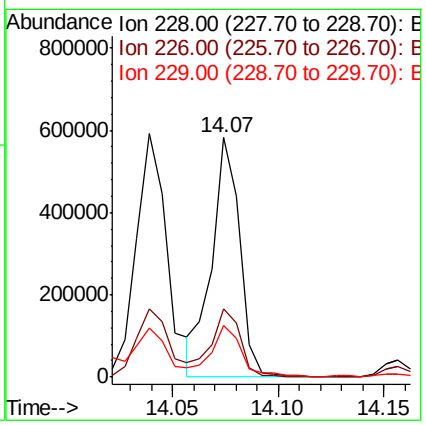


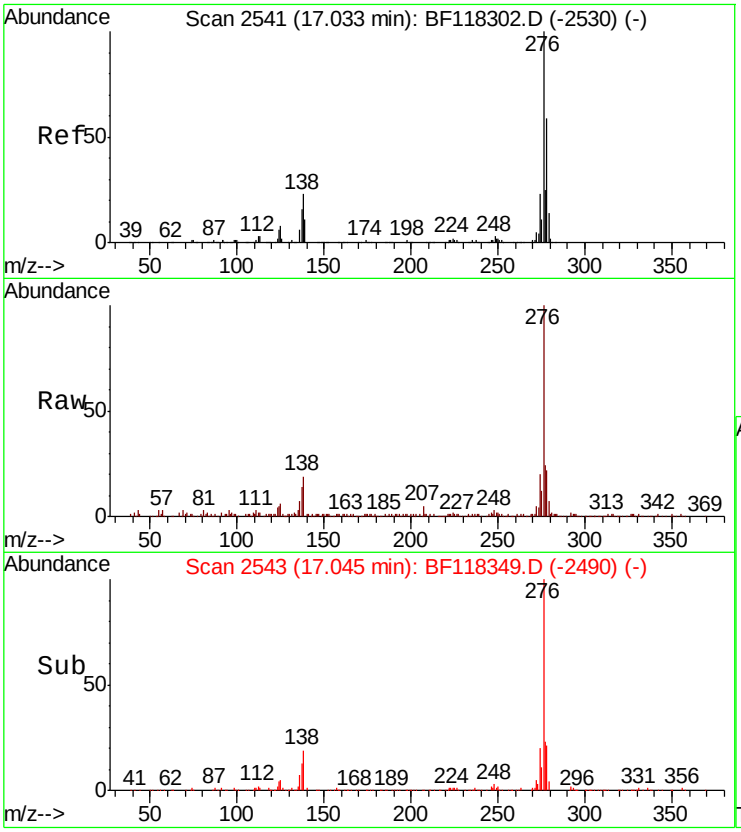


#83
Chrysene
Concen: 23.799 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:228 Resp: 532917

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	21.5	16.1	24.1



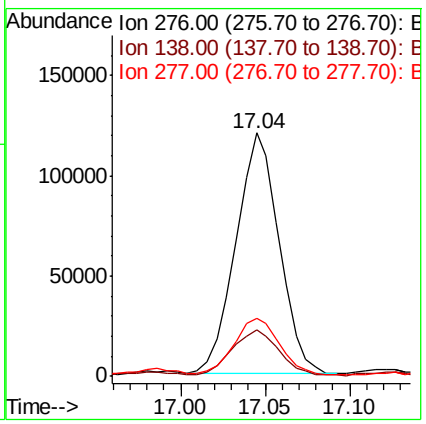


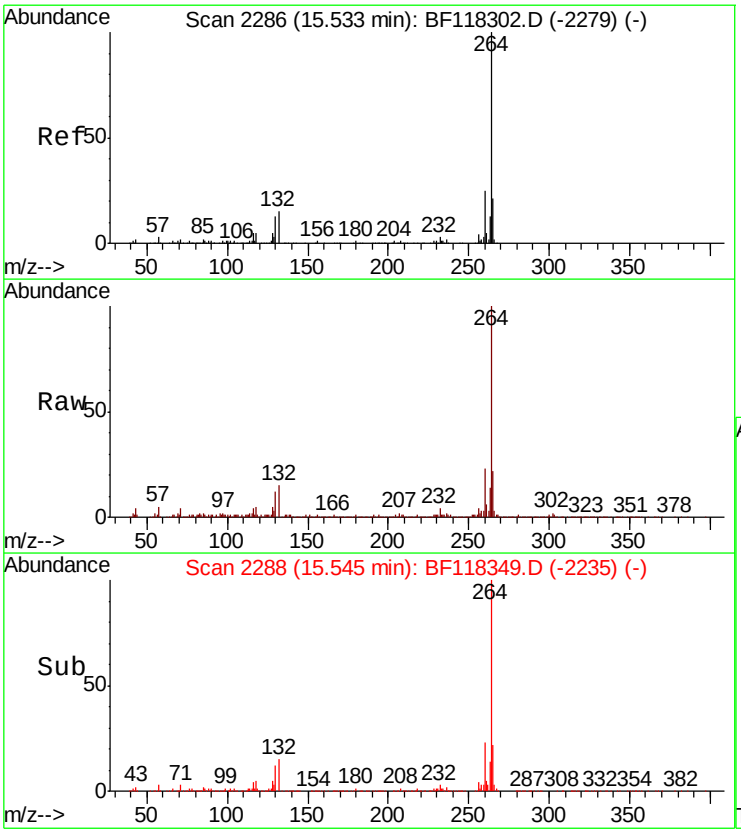
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.190 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 213495

Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.5	29.3
277	24.0	20.6	30.8

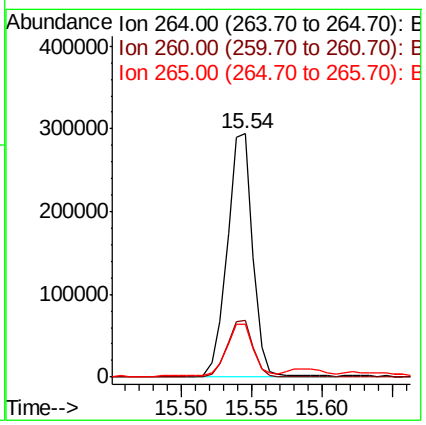


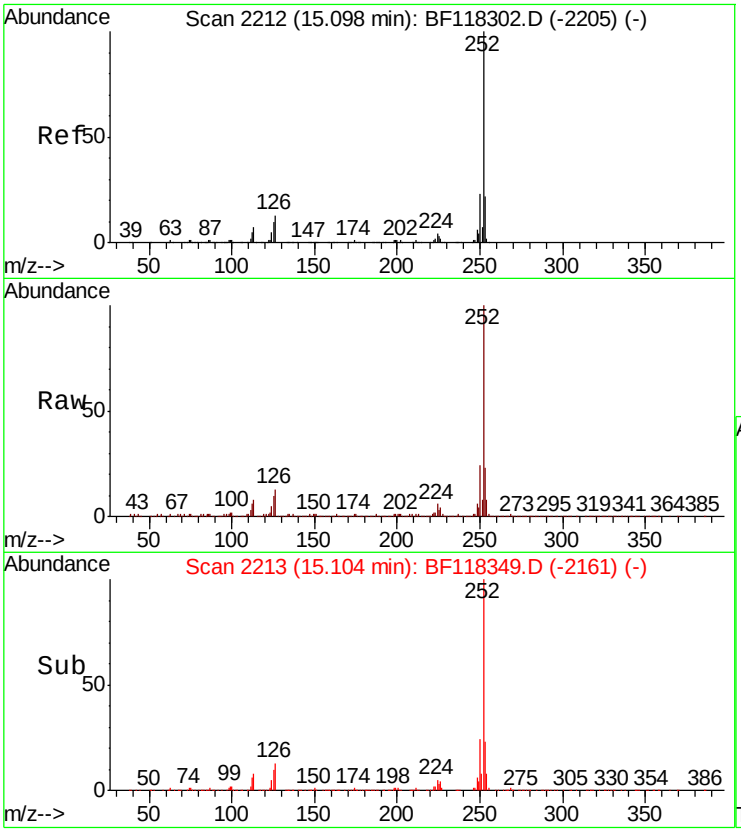


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:264 Resp: 365840

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.9	17.0	25.4



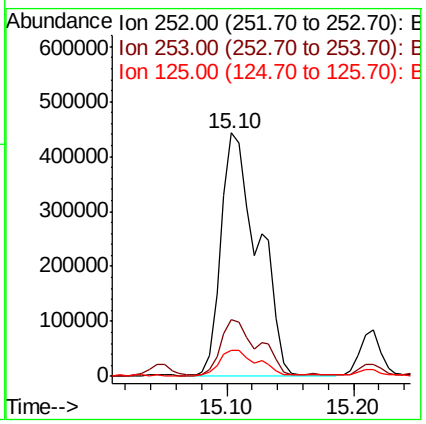


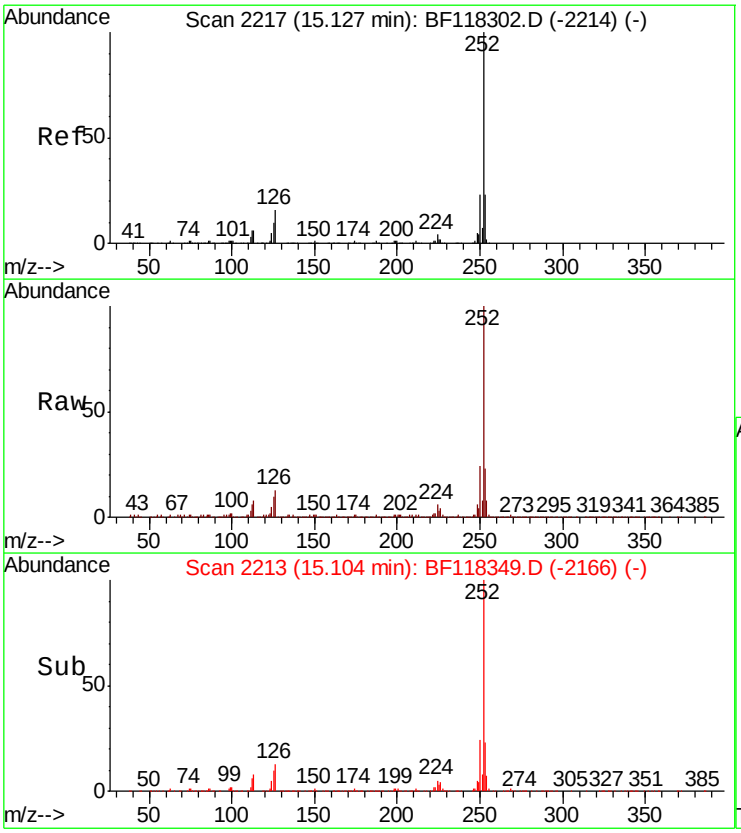
#88
Benzo(b)fluoranthene
Concen: 37.189 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 903114

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.5	7.7	11.5

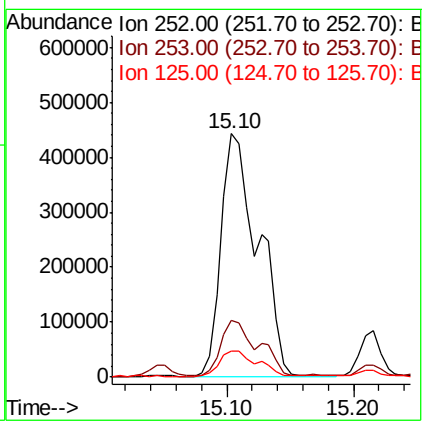


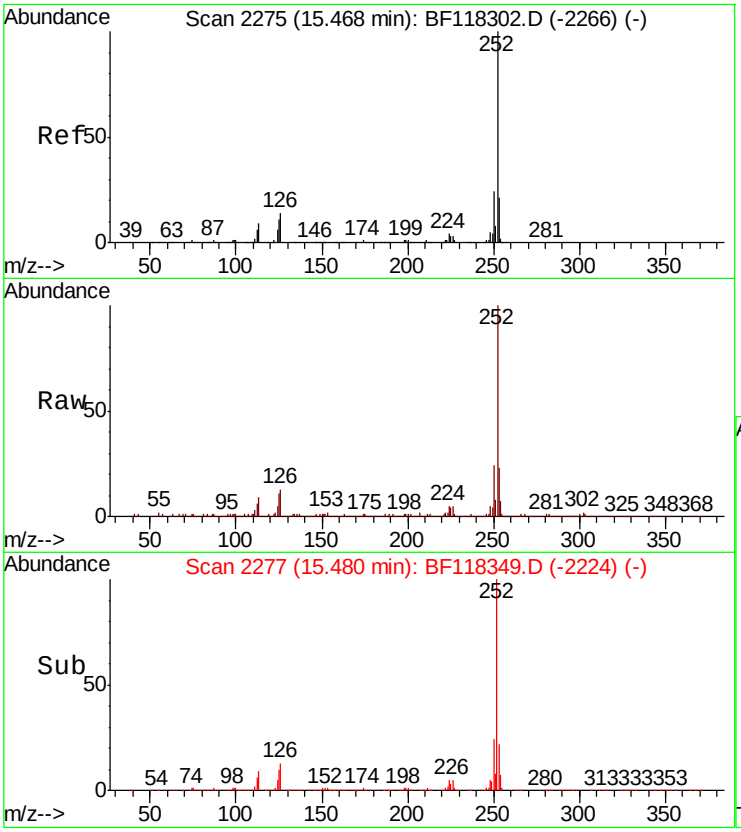


#89
Benzo(k)fluoranthene
Concen: 38.731 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:252 Resp: 903114

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.5	8.0	12.0



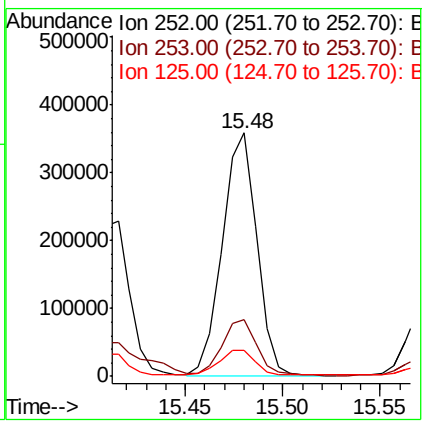


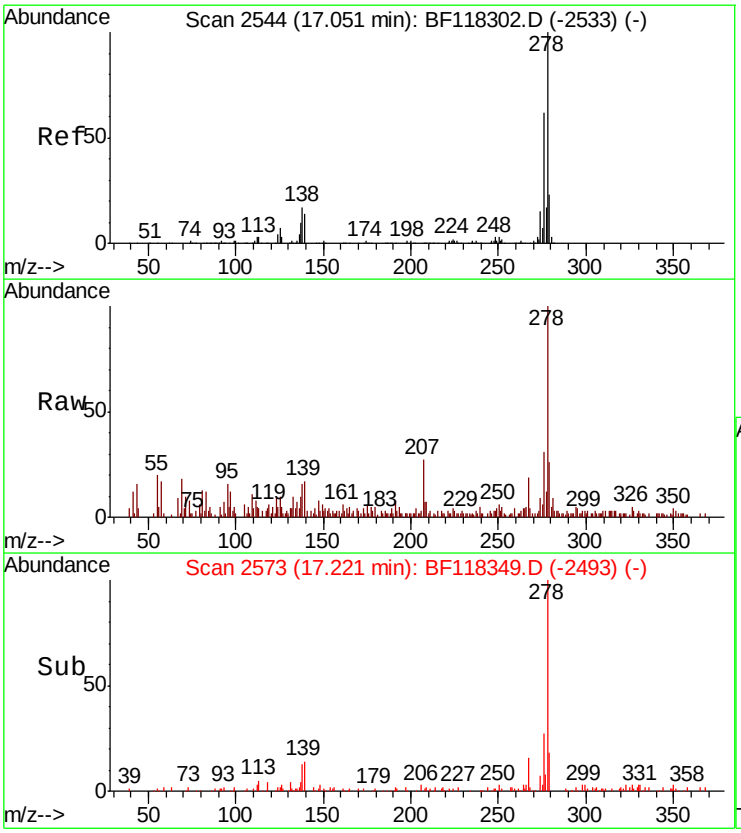
#90
Benzo(a)pyrene
Concen: 20.403 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 436477

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	10.6	9.0	13.4

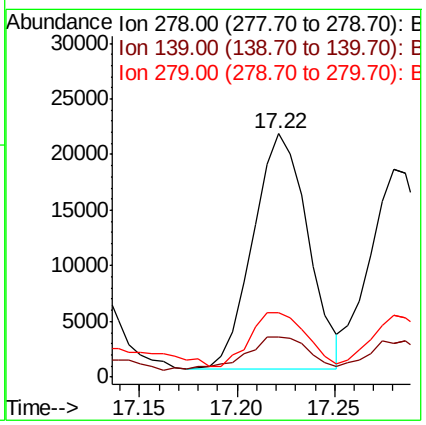


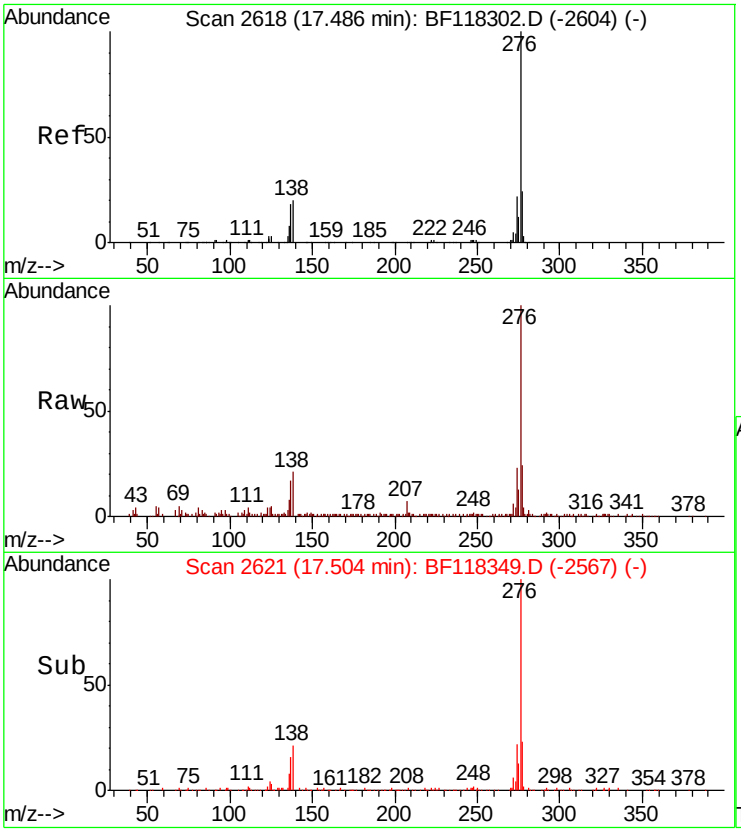


#91
Dibenzo(a,h)anthracene
Concen: 2.220 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.17 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Tgt Ion:278 Resp: 41211

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.5	17.3
279	26.5	18.3	27.5





#92
Benzo(g,h,i)perylene
Concen: 9.447 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118349.D
Acq: 27 Dec 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 169407

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	21.1	16.1	24.1