Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116127.D
Acq On : 9 Aug 2019 22:00
Operator : HP/JU
Sample : K3613-05 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 10 04:36:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	120241	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	473280	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	227662	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	336935	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	255787	20.00	ng		0.00
87) Perylene-d12	15.47	264	333113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	155369	21.63	ng		0.00
7) Phenol-d6	6.47	99	211551	23.34	ng		-0.01
23) Nitrobenzene-d5	7.40	82	122033	14.88	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	38938	17.64	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	258160	21.24	ng		-0.02
79) Terphenyl-d14	12.94	244	209192	17.23	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	16028	2.854	ng	#	84
25) Isophorone	7.40	82	122032	7.784	ng	#	65
31) Naphthalene	8.14	128	124006	5.568	ng		98
37) 2-Methylnaphthalene	8.83	142	52687	3.592	ng		97
38) 1-Methylnaphthalene	8.93	142	52909	3.813	ng		97
49) Acenaphthylene	9.73	152	42917	2.199	ng		97
51) 2,6-Dinitrotoluene	9.87	165	31919	9.475	ng	#	29
52) Acenaphthene	9.90	154	110996	9.271	ng		98
55) Dibenzofuran	10.08	168	125323	7.198	ng		98
56) 4-Nitrophenol	10.08	139	48216	18.082	ng	#	7
58) Fluorene	10.42	166	123889	9.248	ng		98
71) Phenanthrene	11.39	178	1572266	91.279	ng		99
72) Anthracene	11.43	178	395284	22.675	ng		99
73) Carbazole	11.59	167	201498	12.741	ng		99
75) Fluoranthene	12.58	202	1853954	102.811	ng		97
78) Pyrene	12.81	202	1624667	84.260	ng		98
81) Benzo(a)anthracene	13.99	228	978861	59.873	ng		99
83) Chrysene	14.03	228	889914	56.067	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	429907	32.248	ng		96
88) Benzo(b)fluoranthene	15.05	252	1567714	81.393	ng		98
89) Benzo(k)fluoranthene	15.05	252	1567714	83.565	ng	#	97
90) Benzo(a)pyrene	15.42	252	801157	46.531	ng		97
91) Dibenzo(a,h)anthracene	17.12	278	96284	6.460	ng		96
92) Benzo(g,h,i)perylene	17.39	276	362527	24.768	ng		98

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

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Acq On : 9 Aug 2019 22:00
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
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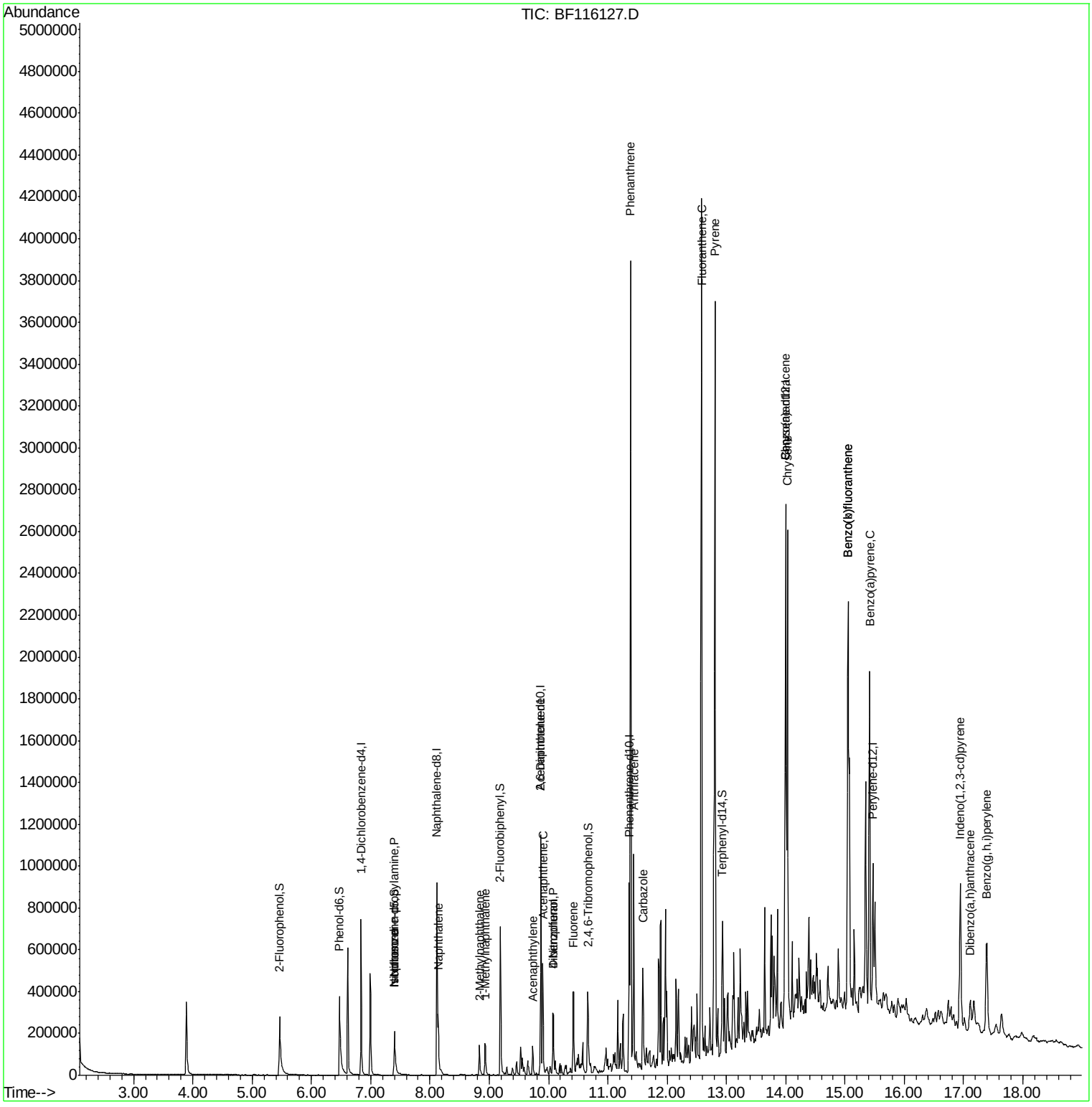
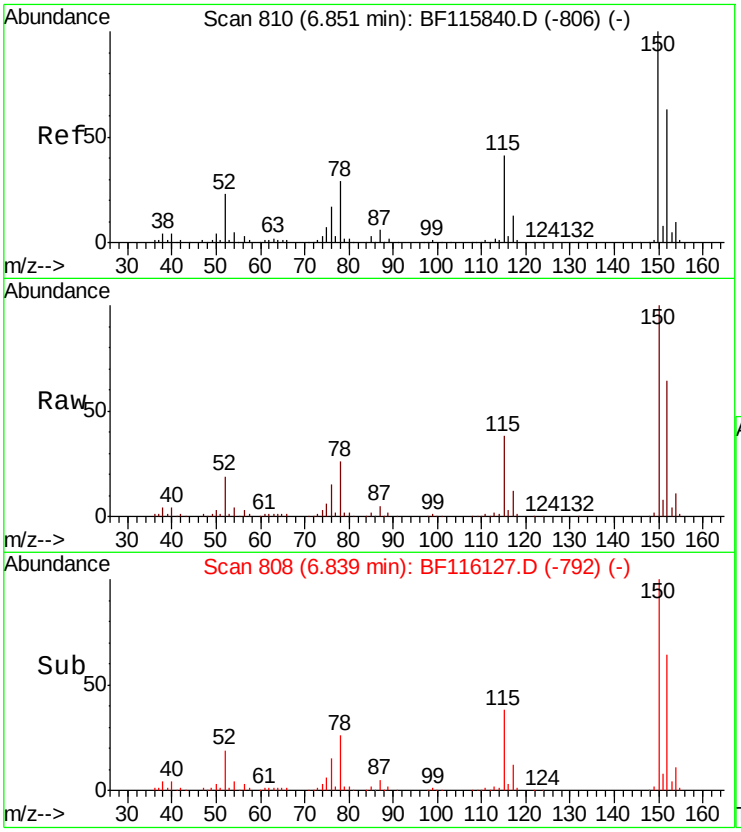


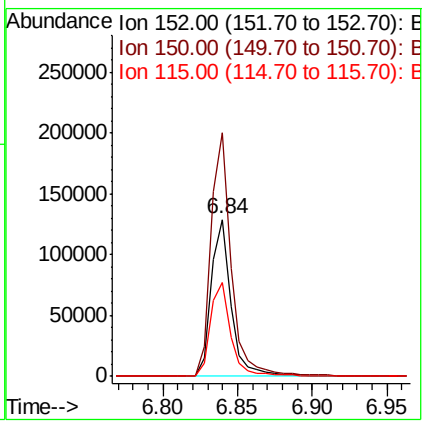


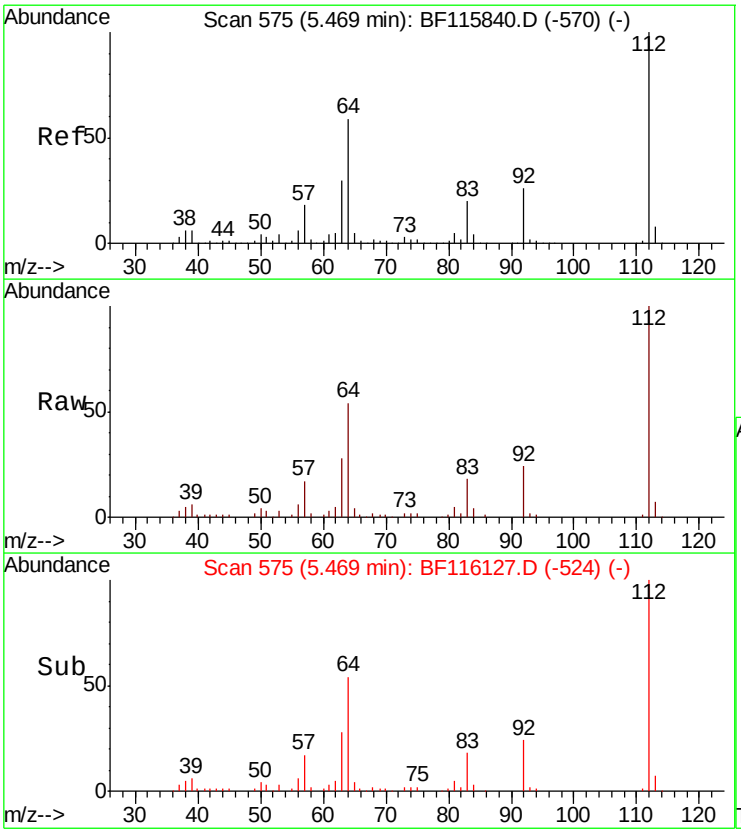
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120241

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	59.6	49.9	74.9

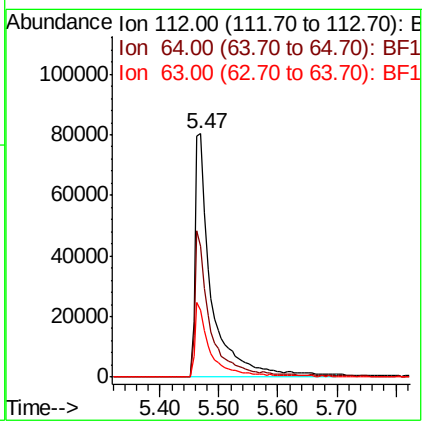


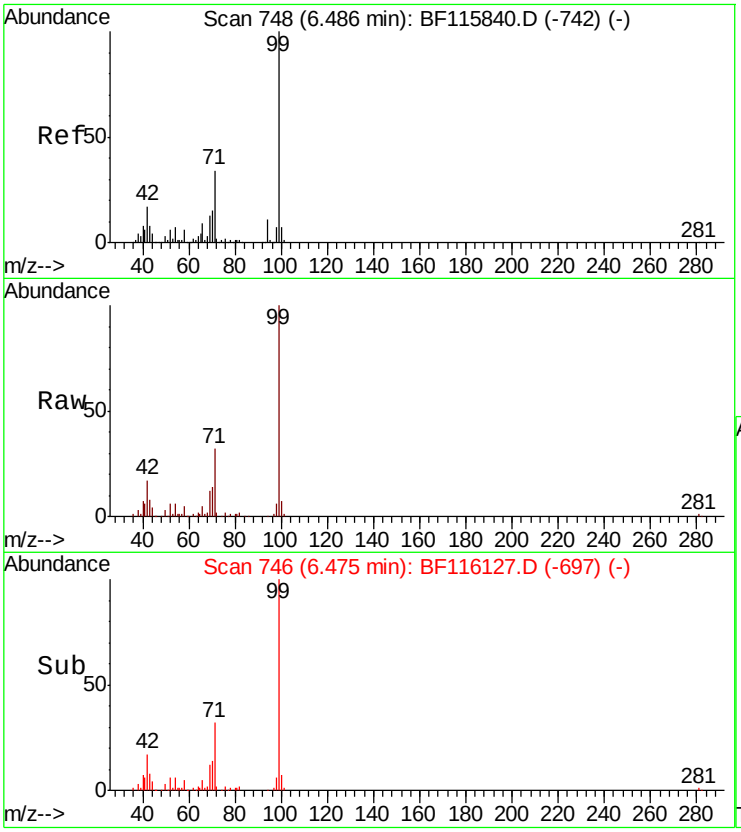


#5
2-Fluorophenol
Concen: 21.631 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:112 Resp: 155369

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.4	68.2
63	27.6	23.7	35.5



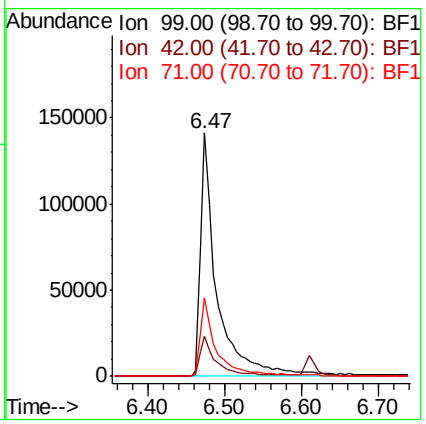


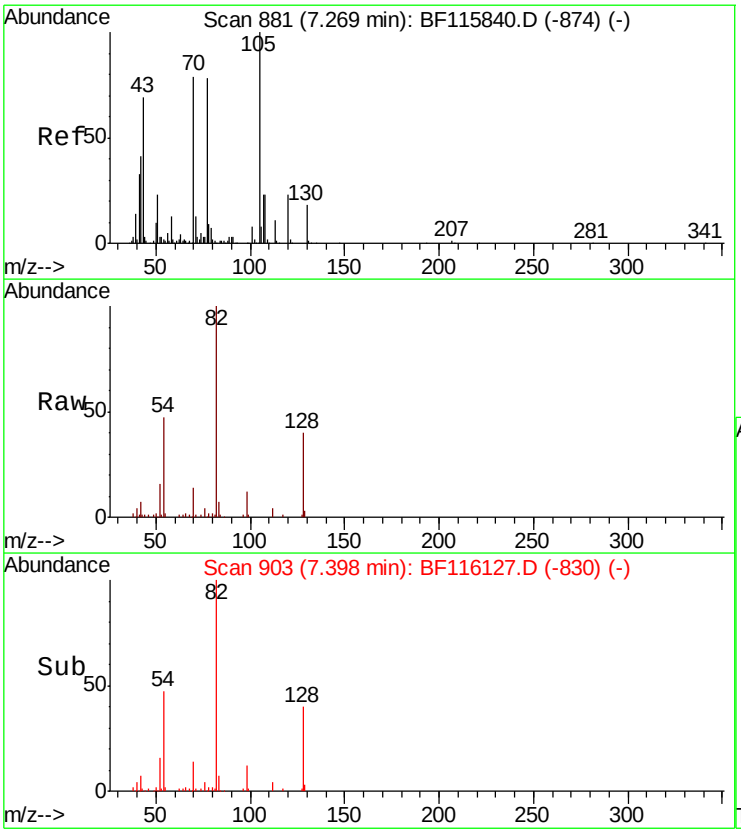
#7
Phenol-d6
Concen: 23.345 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 211551

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.8
71	32.1	27.3	40.9

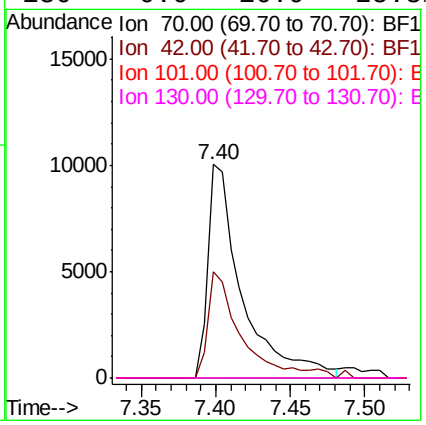


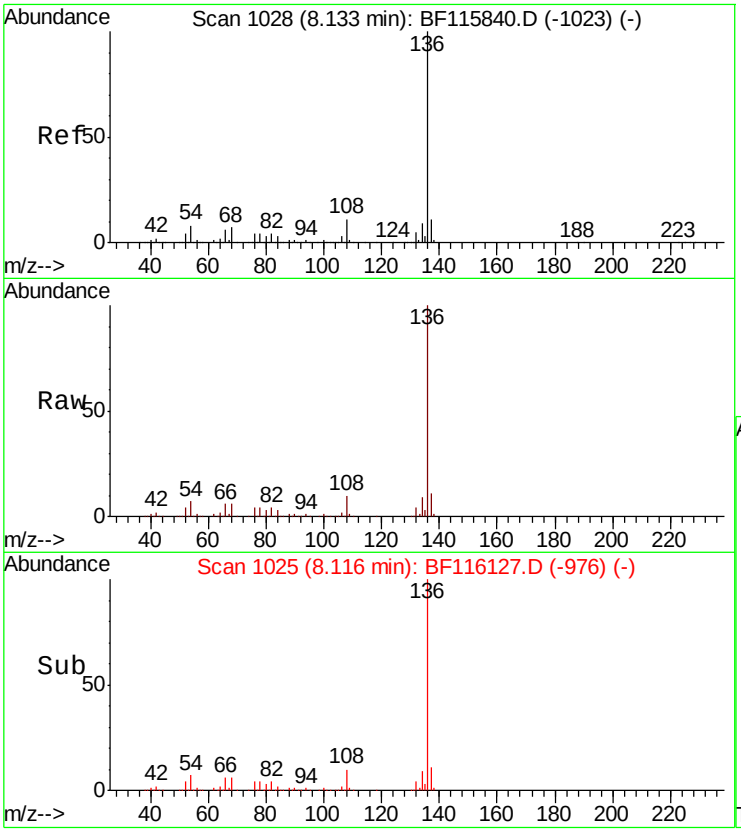


#19
n-Nitroso-di-n-propylamine
Concen: 2.854 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion: 70 Resp: 16028

Ion	Ratio	Lower	Upper
70	100		
42	49.6	40.9	61.3
101	0.0	7.9	11.9#
130	0.0	16.9	25.3#



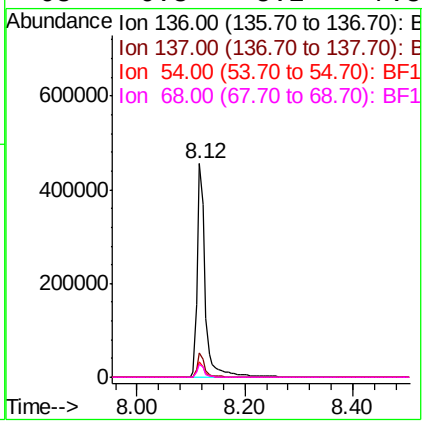


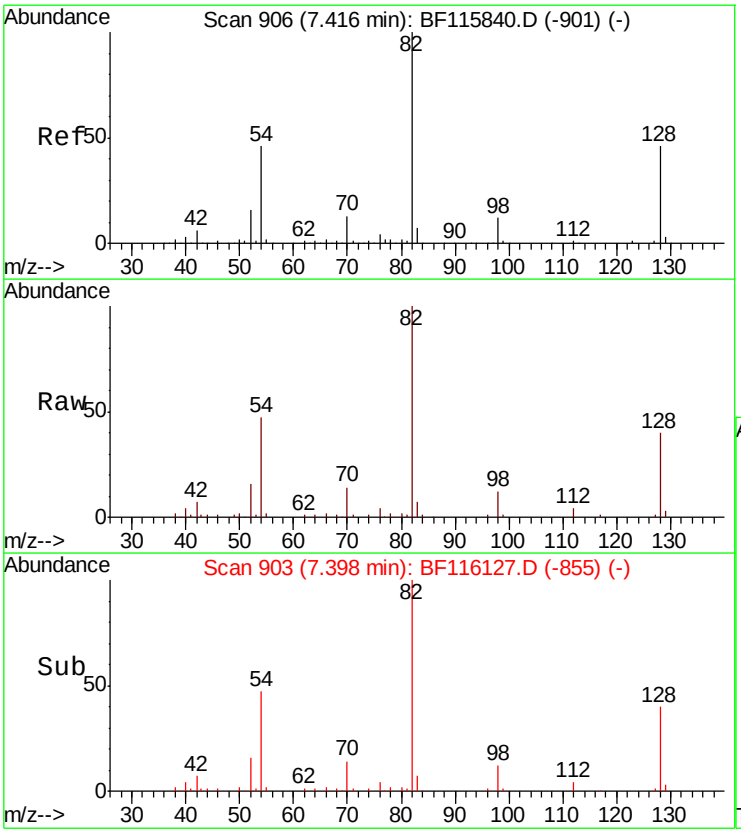
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 473280

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.4	5.8	8.6
68	6.3	5.2	7.8

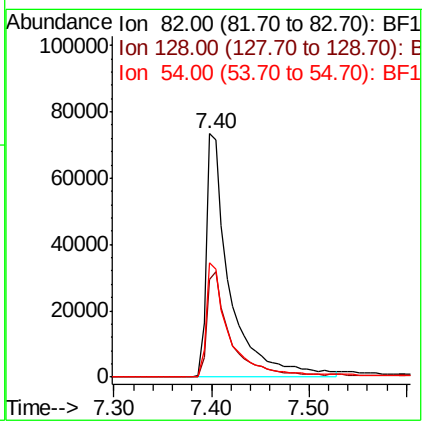


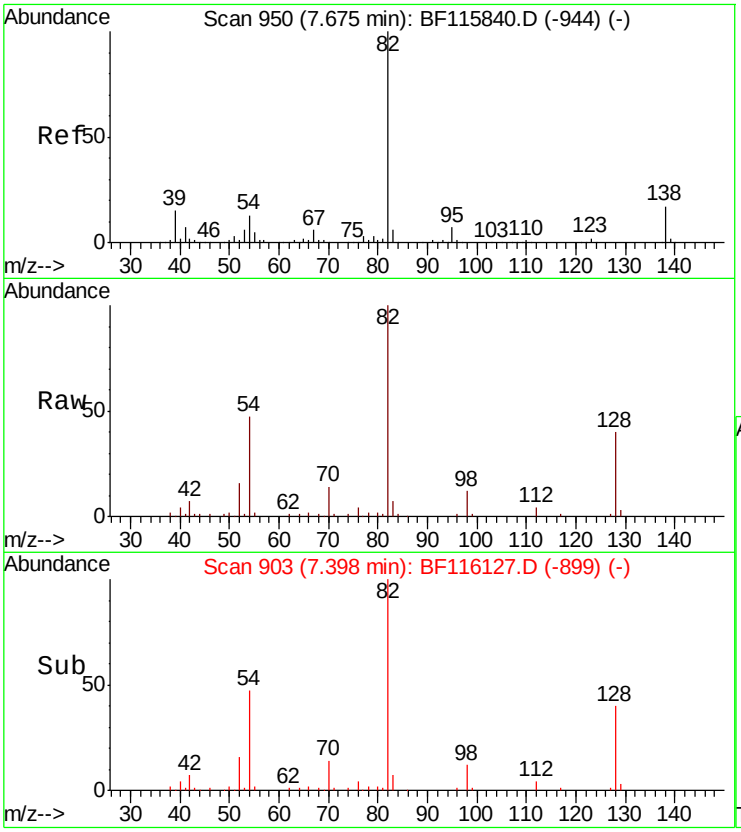


#23
Nitrobenzene-d5
Concen: 14.884 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion: 82 Resp: 122033

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.5	54.7
54	47.0	36.0	54.0



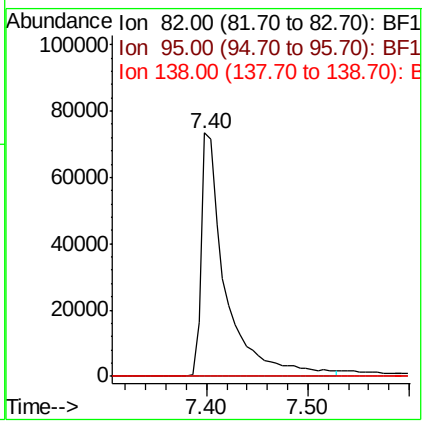


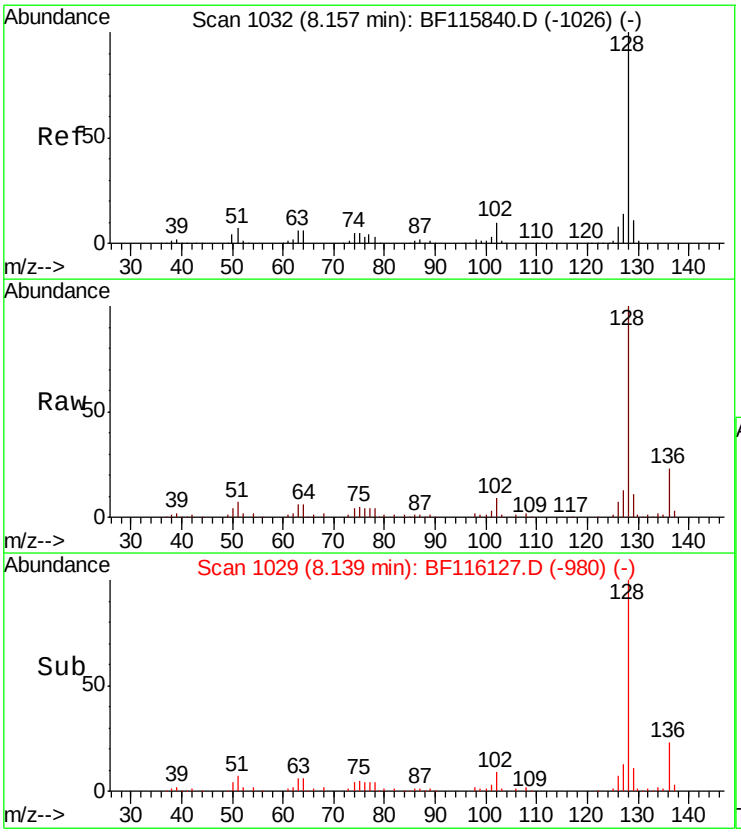
#25
Isophorone
Concen: 7.784 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 122032

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

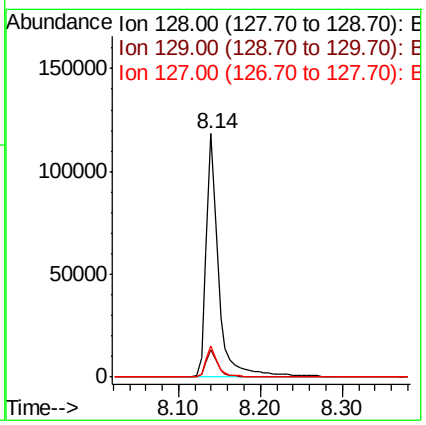


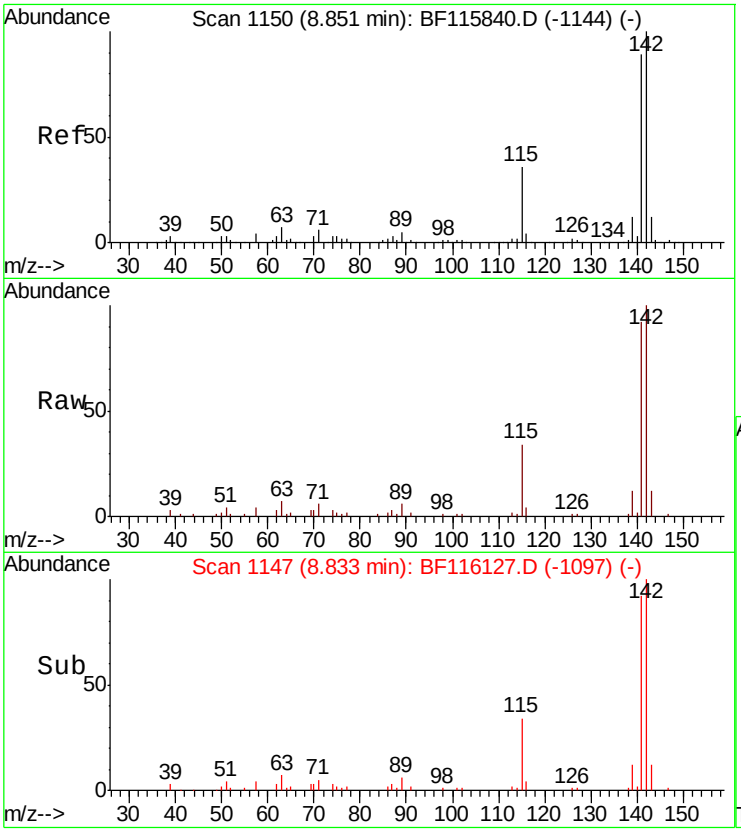


#31
Naphthalene
Concen: 5.568 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:128 Resp: 124006

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.9	11.4	17.0



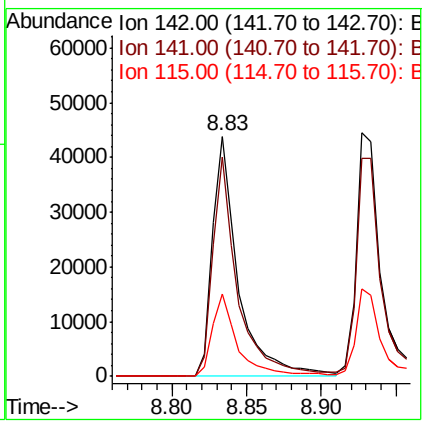


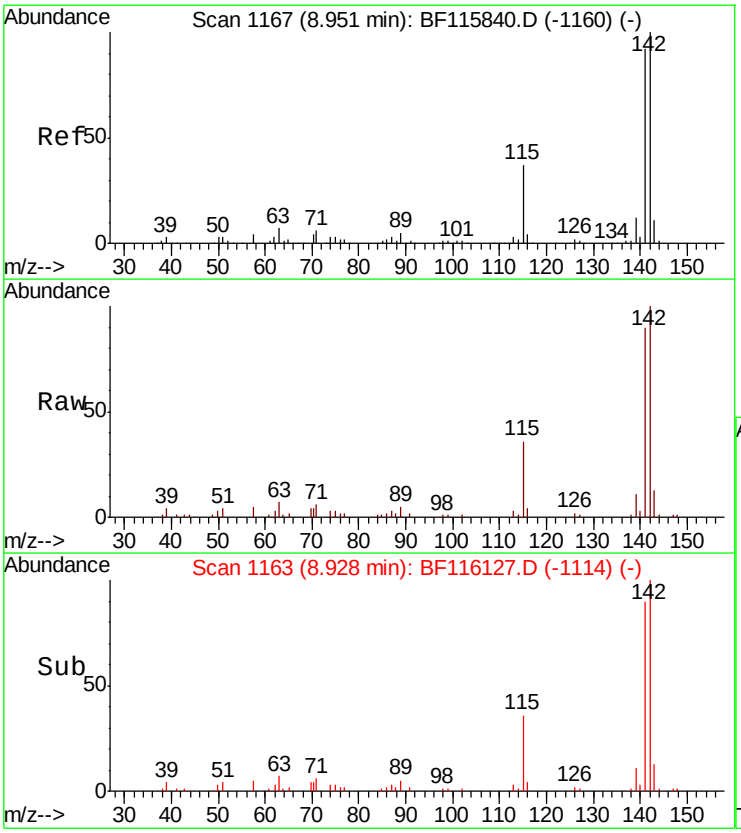
#37
2-Methylnaphthalene
Concen: 3.592 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 52687

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.9	106.3
115	34.3	29.0	43.6

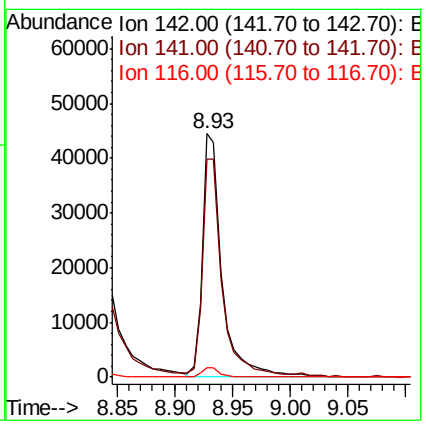


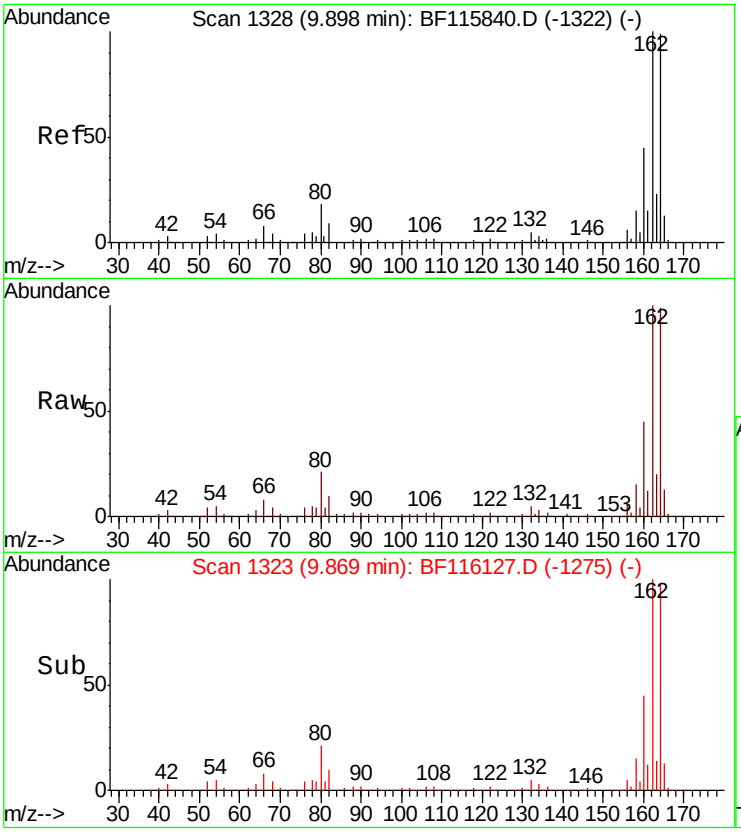


#38
1-Methylnaphthalene
Concen: 3.813 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:142 Resp: 52909

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.4	111.6
116	3.8	3.1	4.7



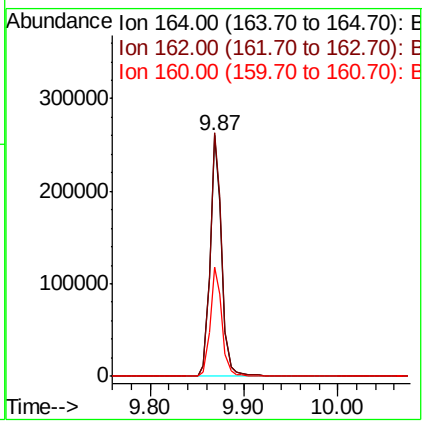


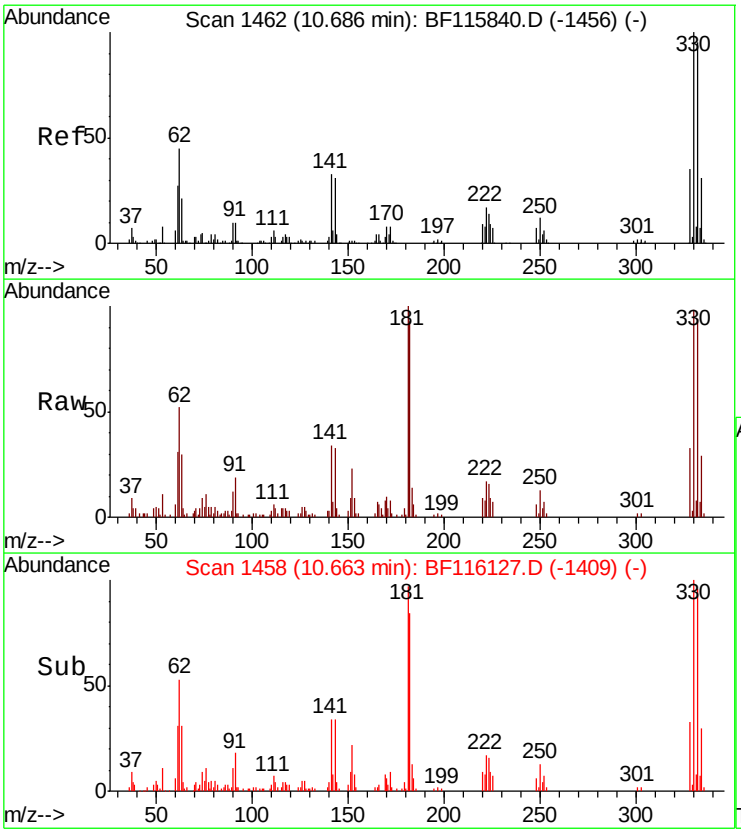
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227662

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	124.0
160	45.4	37.6	56.4

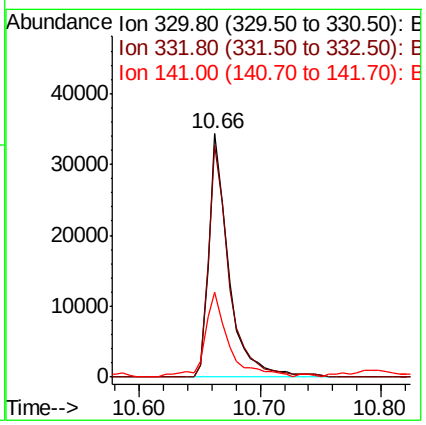


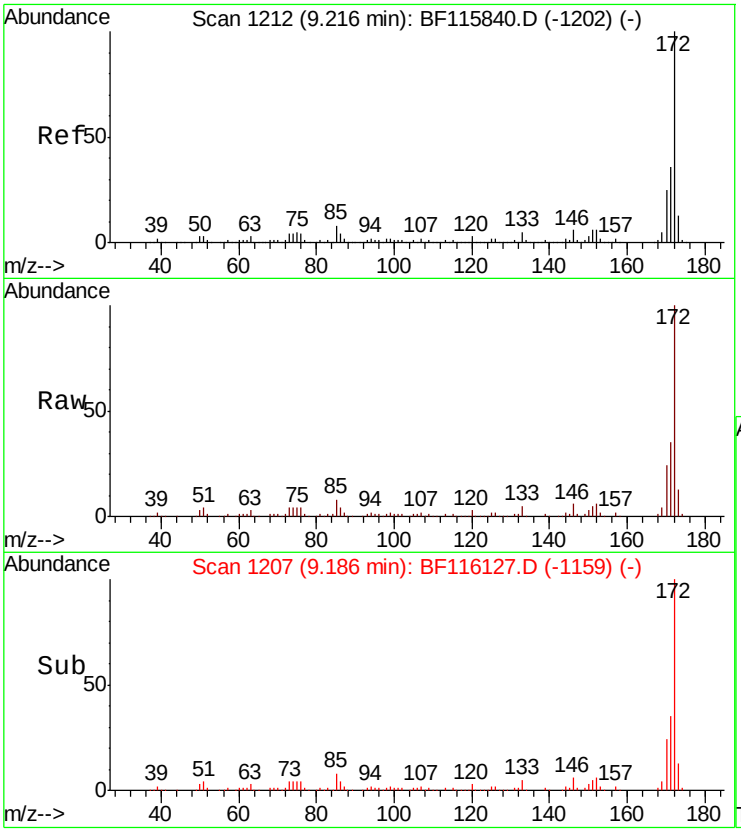


#42
2,4,6-Tribromophenol
Concen: 17.641 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:330 Resp: 38938

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.8	115.2
141	41.5	26.3	39.5#



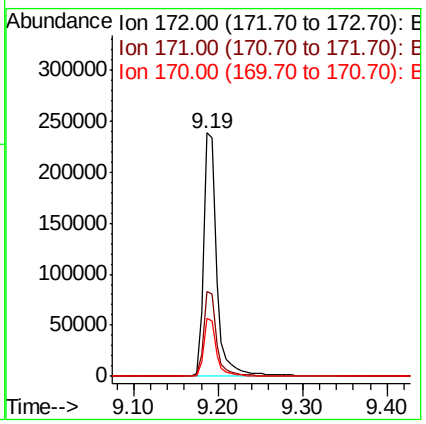


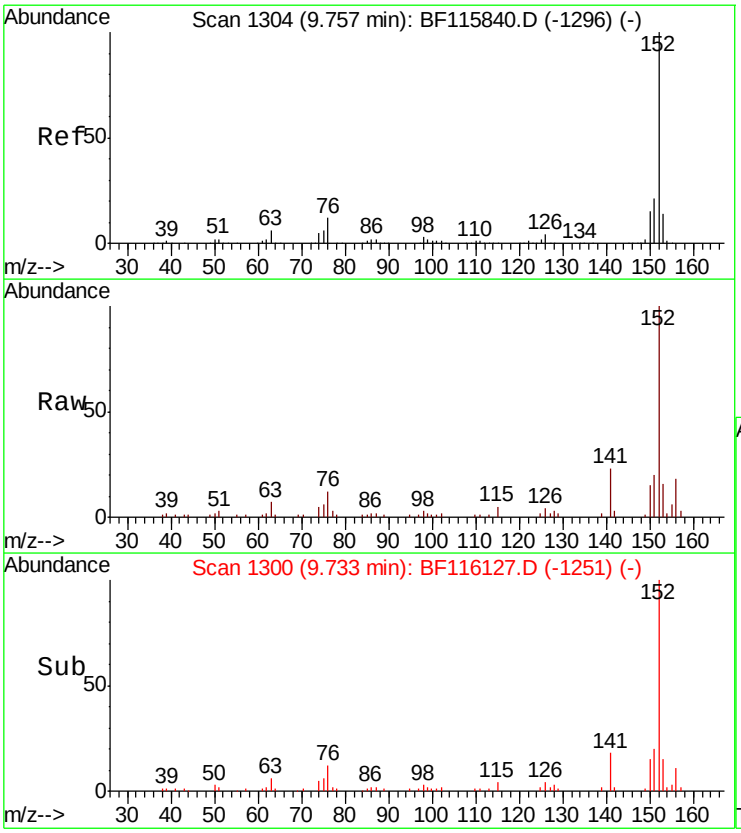
#45
2-Fluorobiphenyl
Concen: 21.240 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 258160

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.7	20.1	30.1

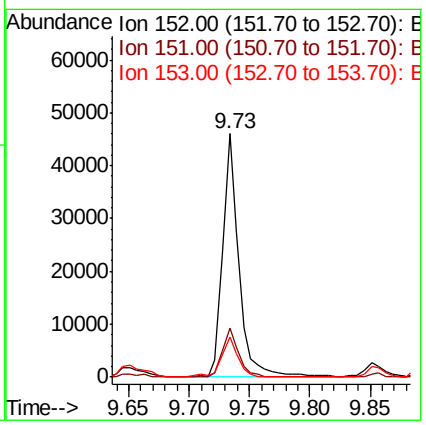


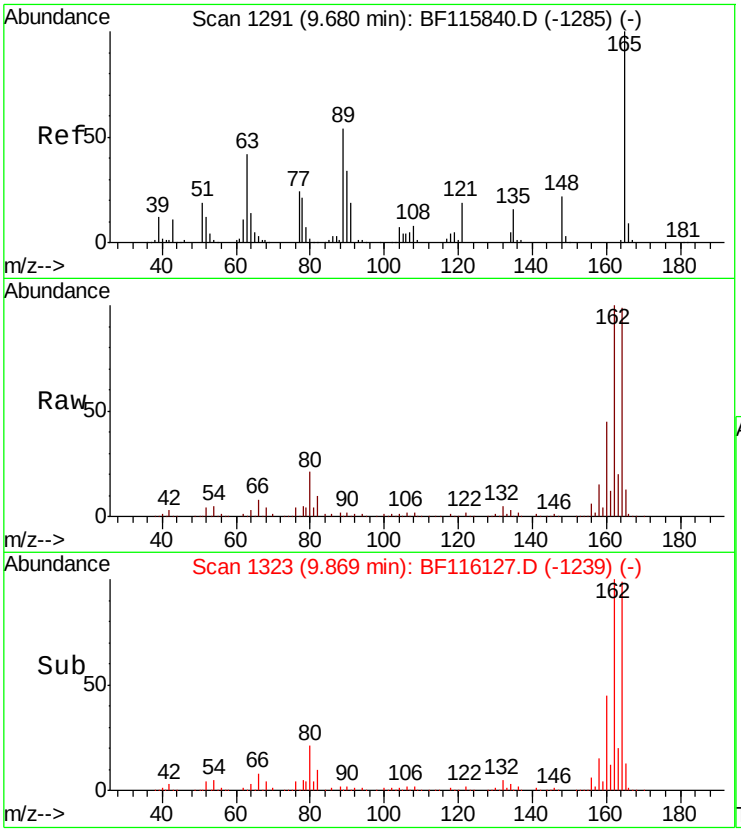


#49
Acenaphthylene
Concen: 2.199 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:152 Resp: 42917

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	16.3	11.8	17.8



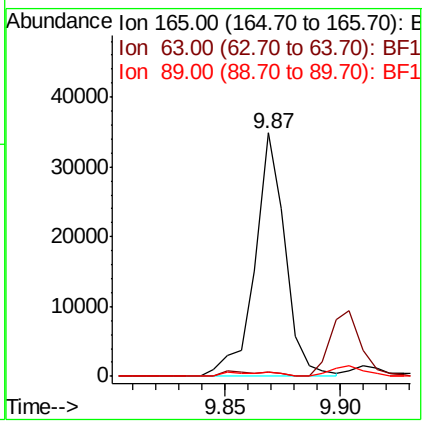


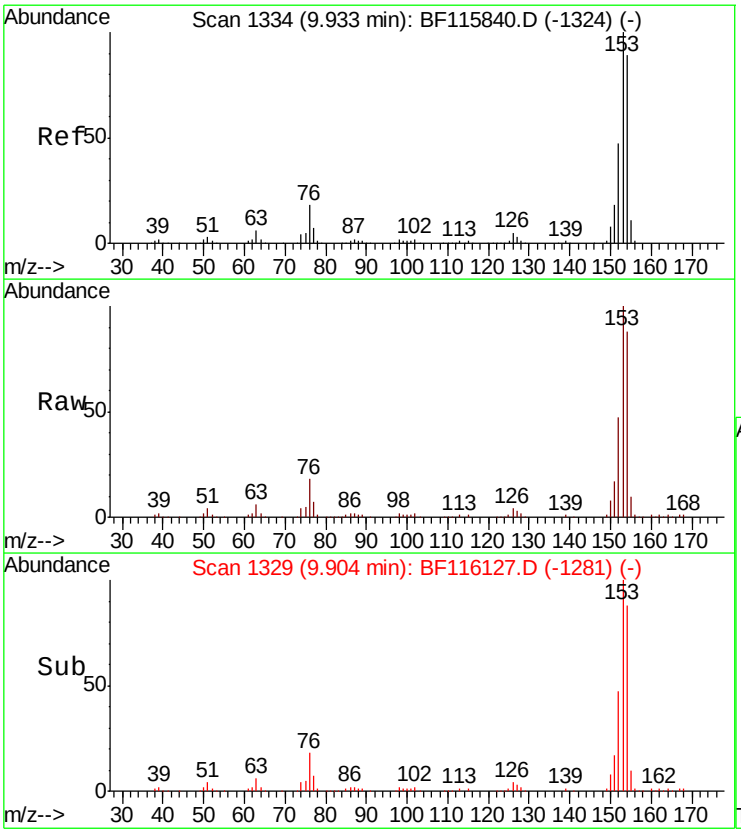
#51
2,6-Dinitrotoluene
Concen: 9.475 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31919

Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.2	57.2#
89	1.6	42.9	64.3#

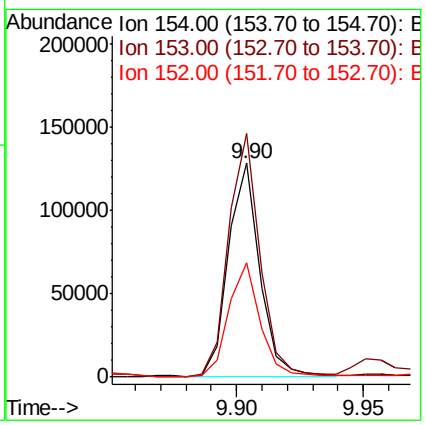


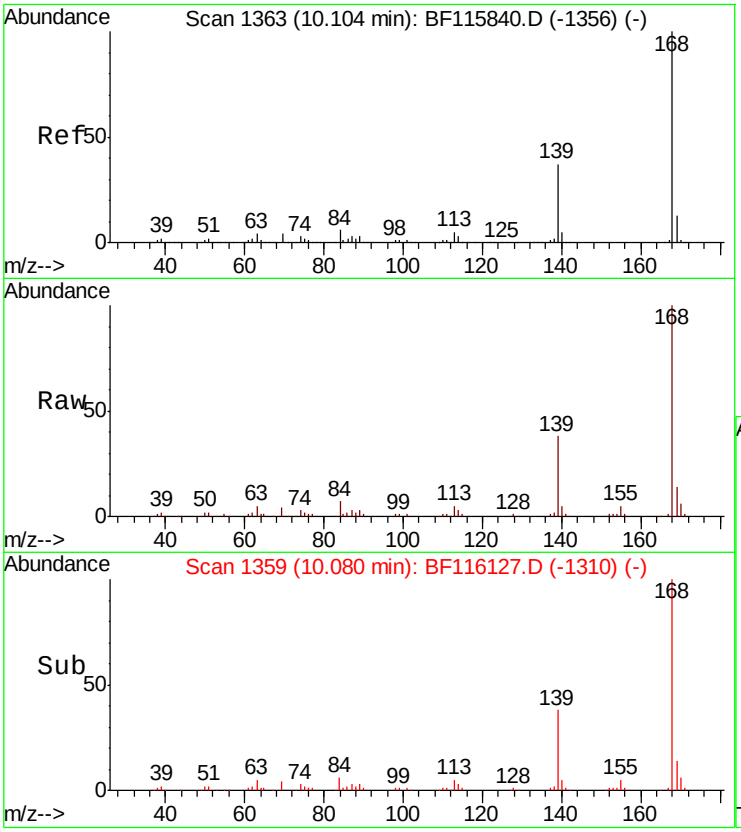


#52
Acenaphthene
Concen: 9.271 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:154 Resp: 110996

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.4	134.0
152	53.7	42.3	63.5



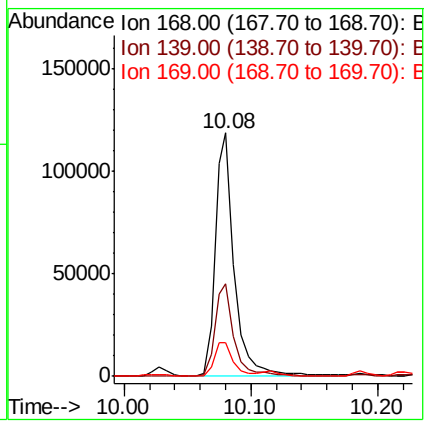


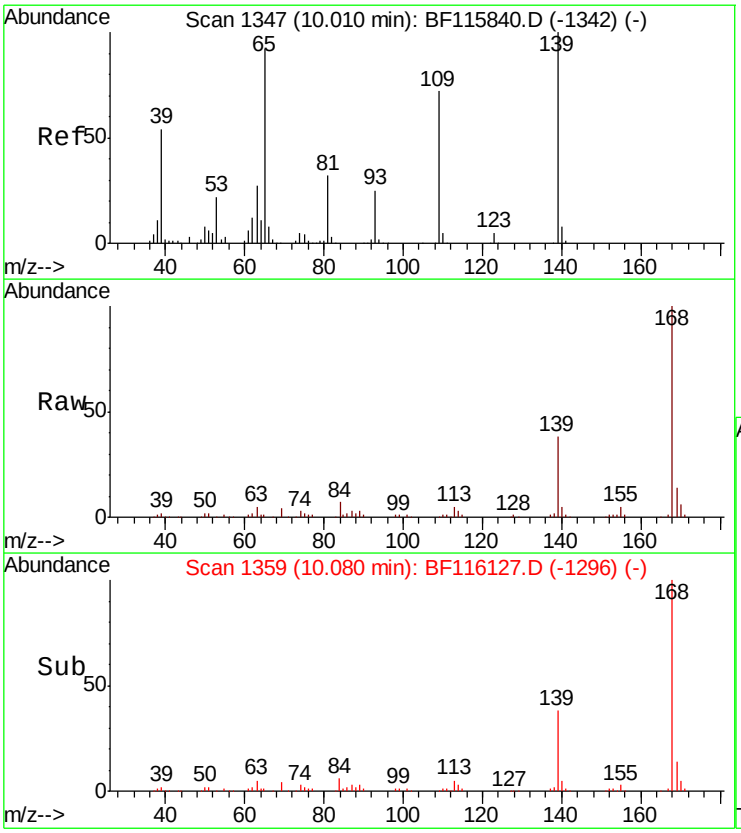
#55
Dibenzofuran
Concen: 7.198 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 125323

Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.4	47.2
169	14.1	10.9	16.3

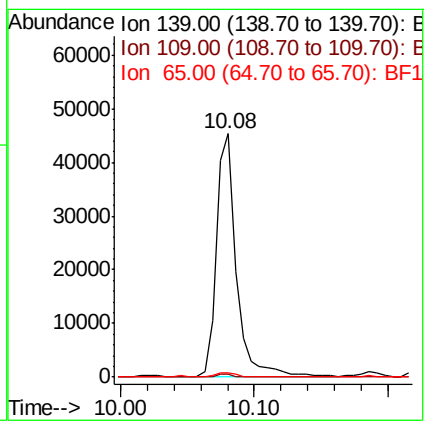


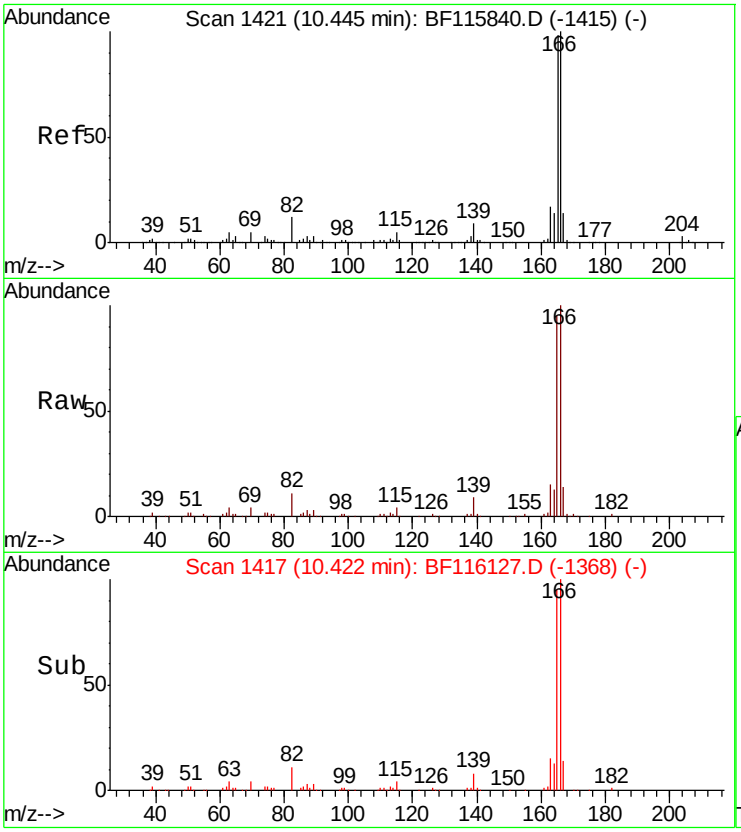


#56
4-Nitrophenol
Concen: 18.082 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.07 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:139 Resp: 48216

Ion	Ratio	Lower	Upper
139	100		
109	1.1	54.4	94.4#
65	1.9	80.6	120.6#



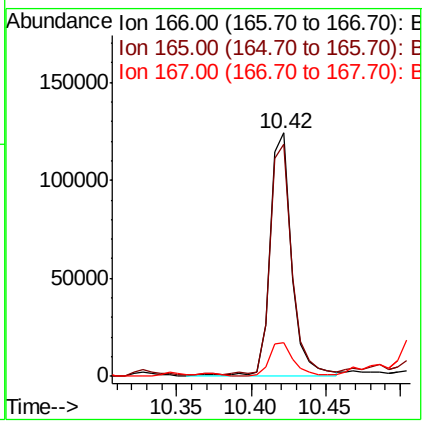


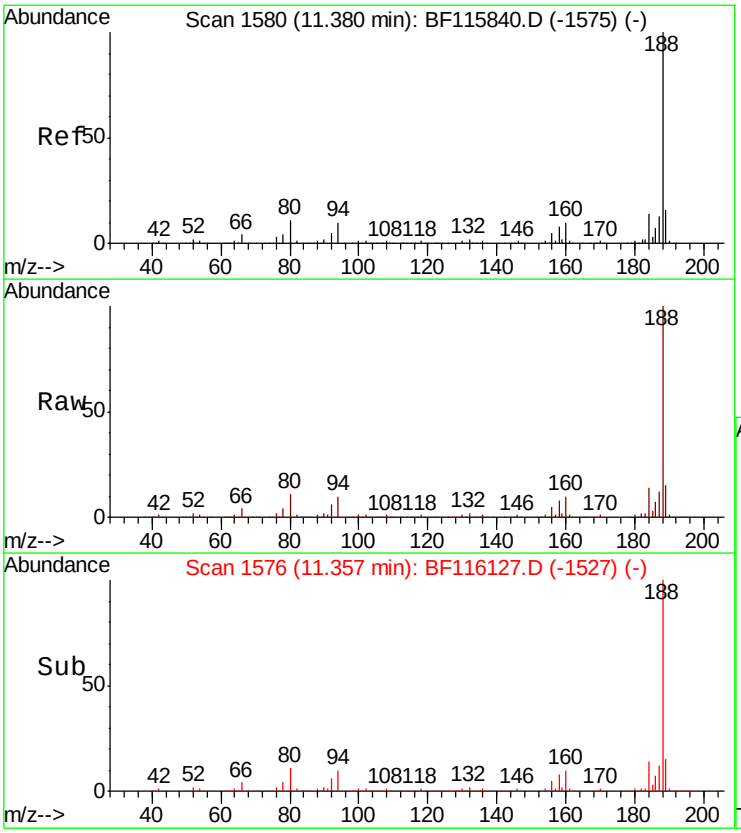
#58
Fluorene
Concen: 9.248 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 123889

Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.4	117.6
167	14.0	11.0	16.4

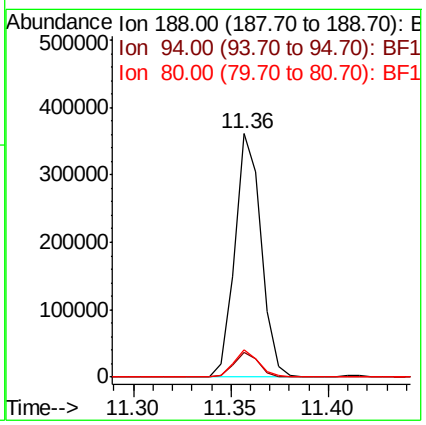


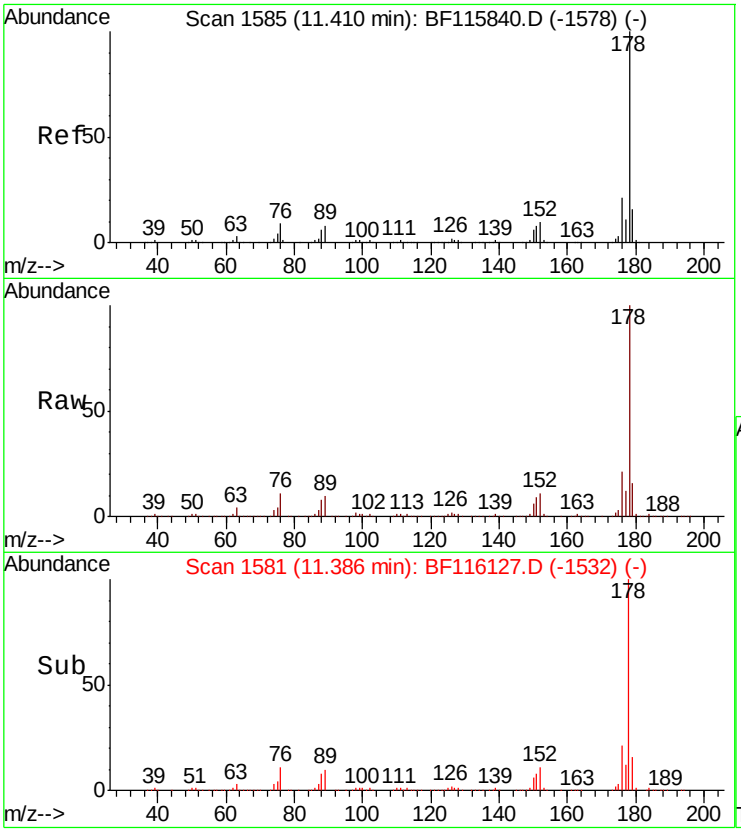


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:188 Resp: 336935

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.1	8.7	13.1



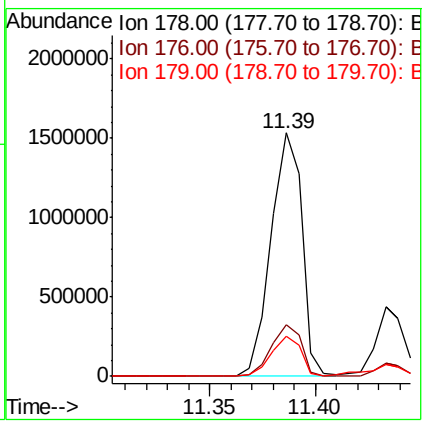


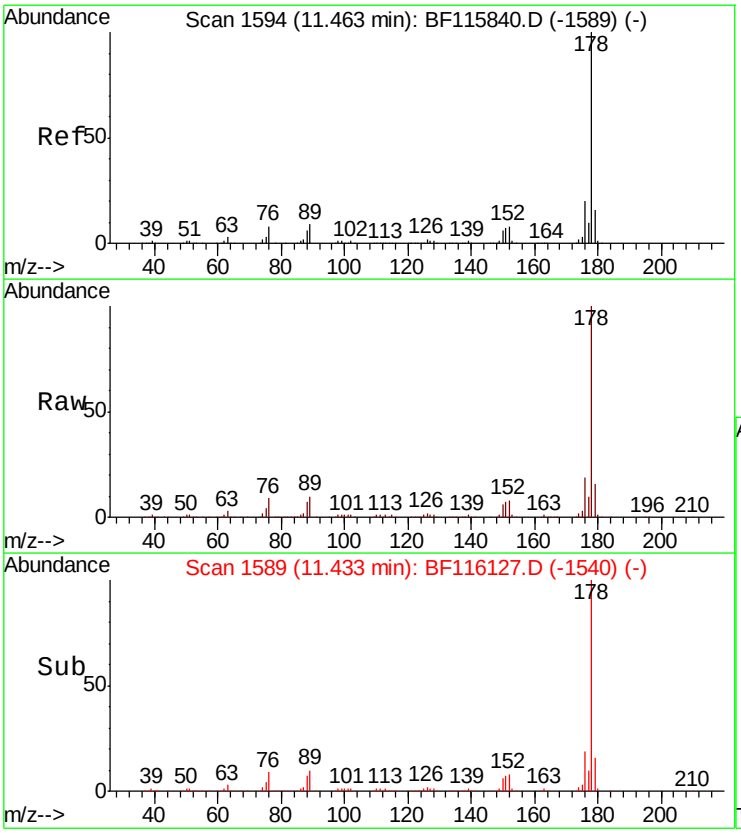
#71
Phenanthrene
Concen: 91.279 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1572266

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	24.8
179	16.3	12.5	18.7

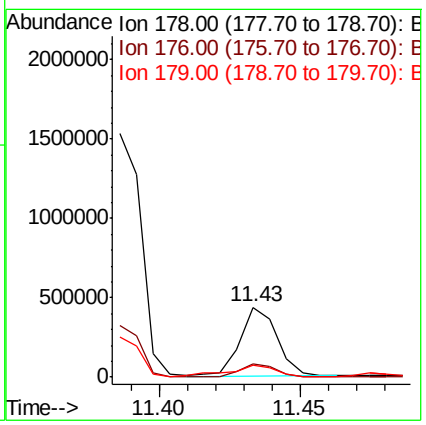


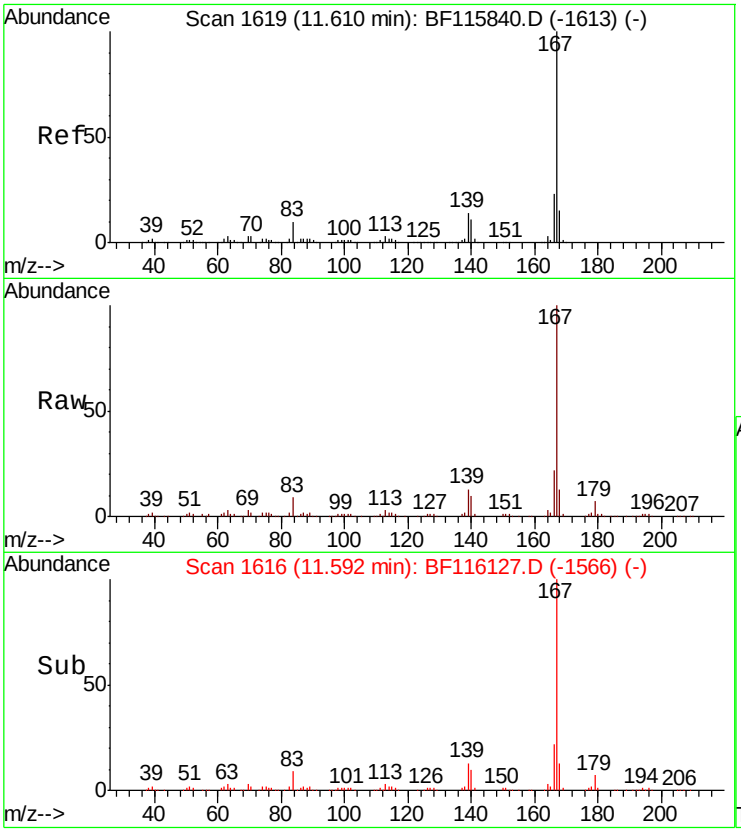


#72
Anthracene
Concen: 22.675 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:178 Resp: 395284

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	16.4	13.0	19.6



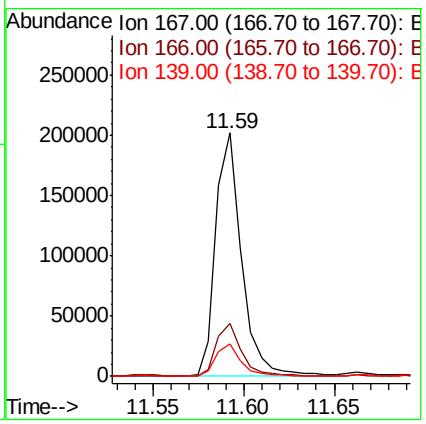


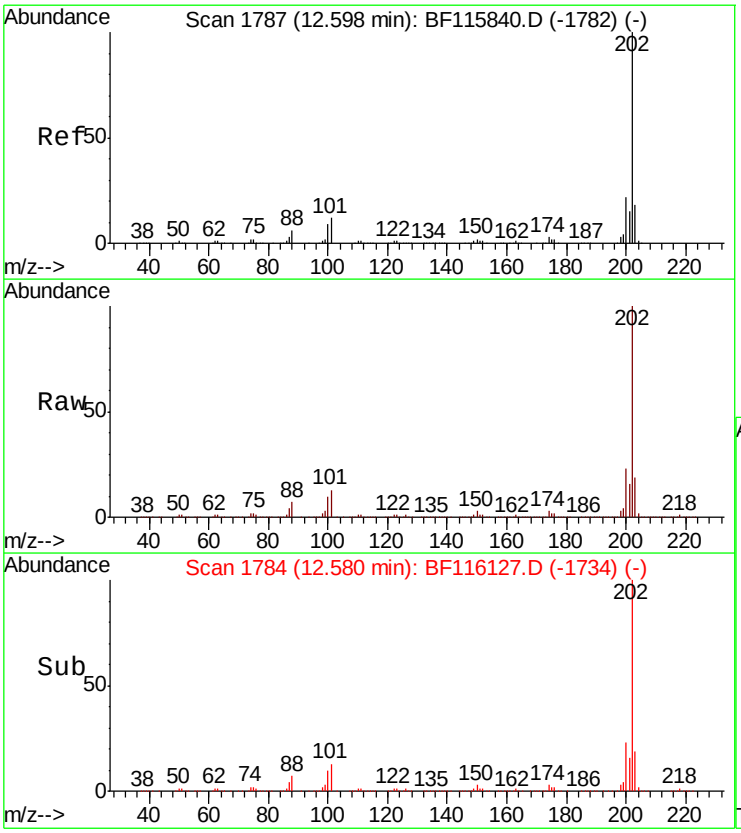
#73
Carbazole
Concen: 12.741 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 201498

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.1	11.4	17.0

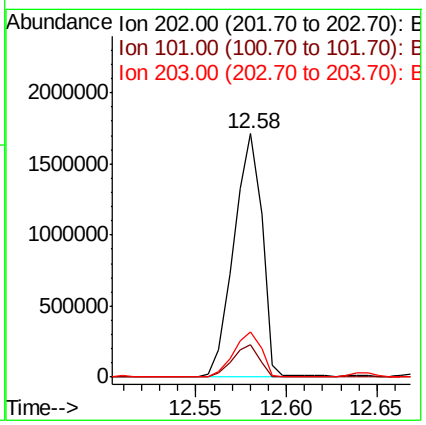


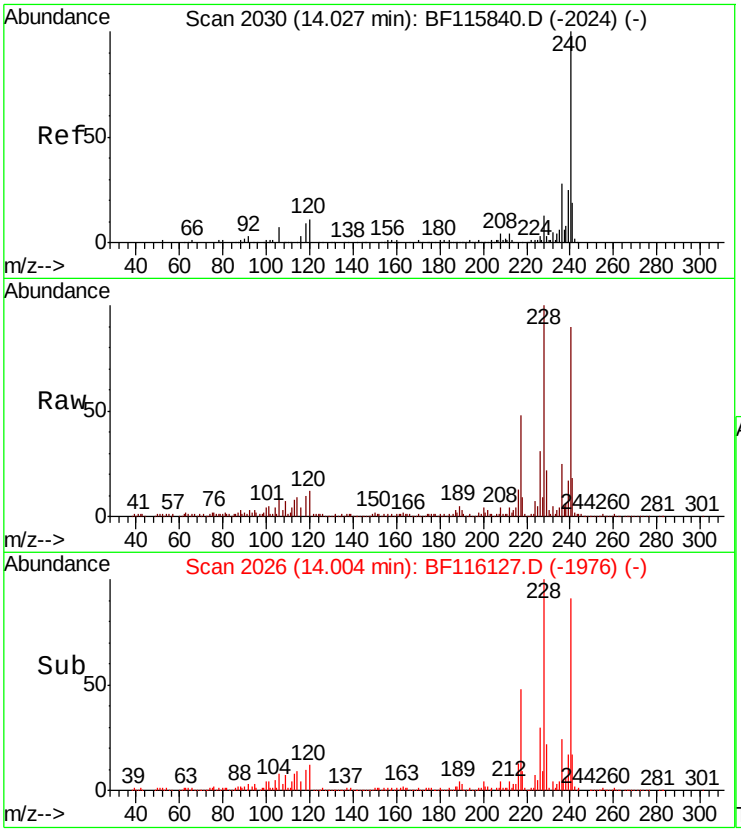


#75
Fluoranthene
Concen: 102.811 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:202 Resp: 1853954

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.2
203	18.7	0.0	37.8



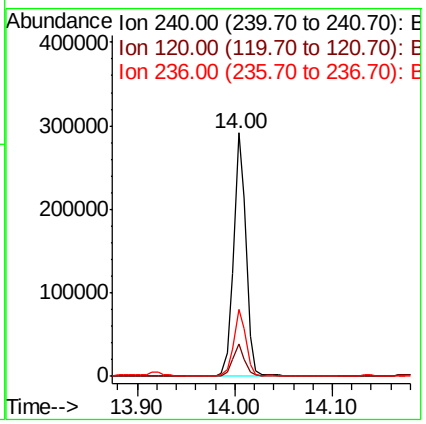


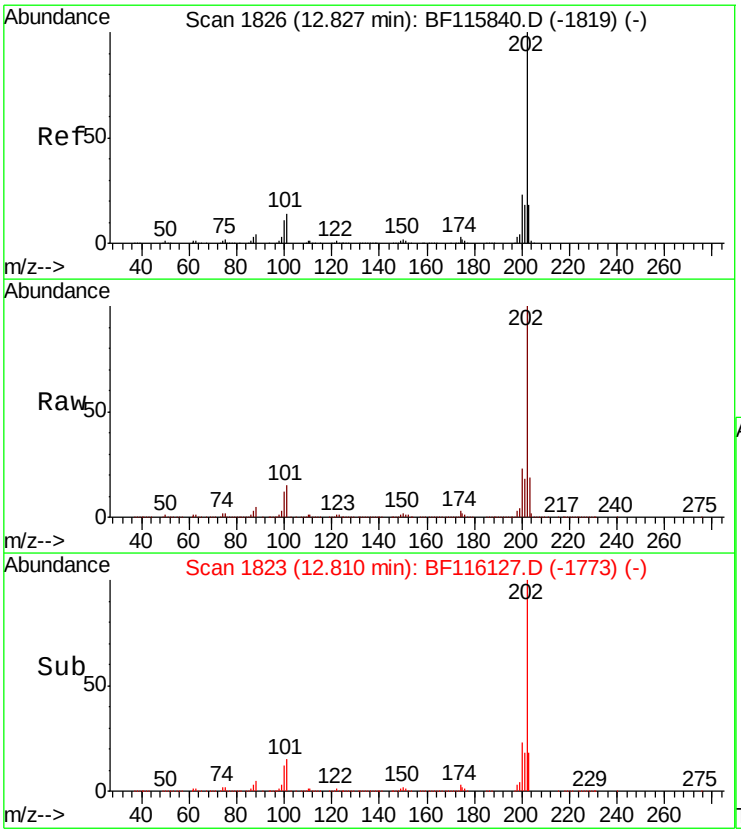
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 255787

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.7	16.1
236	27.3	22.2	33.2

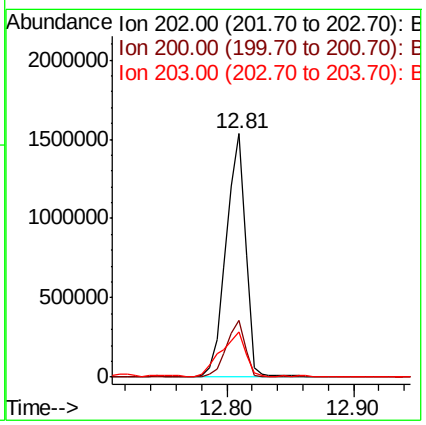


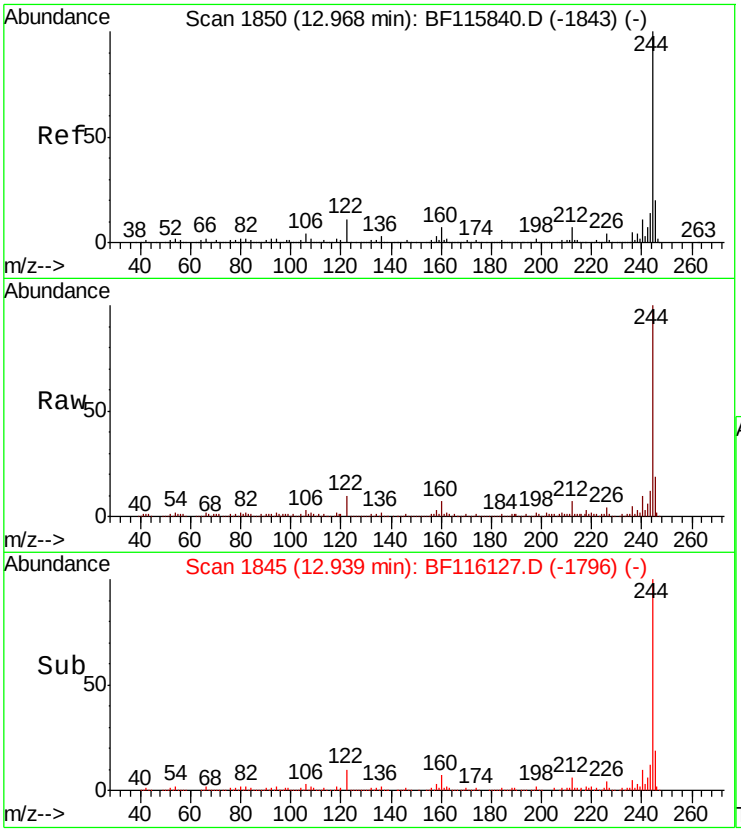


#78
Pyrene
Concen: 84.260 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:202 Resp: 1624667

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.0	27.0
203	18.6	14.1	21.1



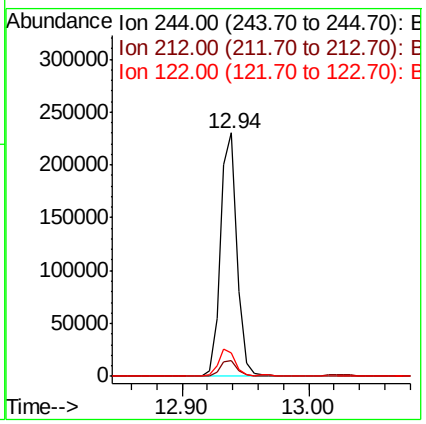


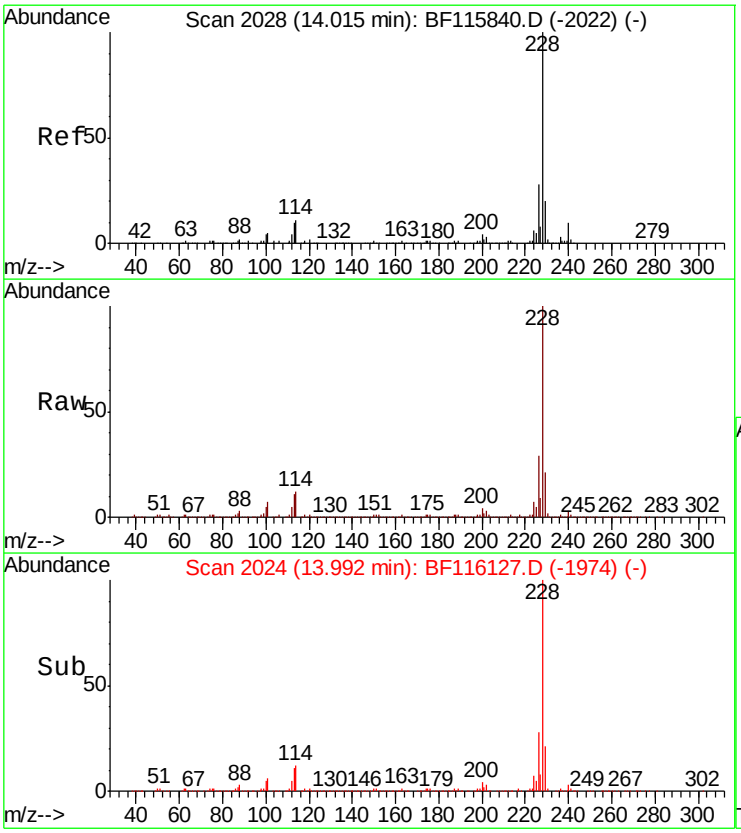
#79
Terphenyl-d14
Concen: 17.233 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 209192

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.8	9.0	13.4

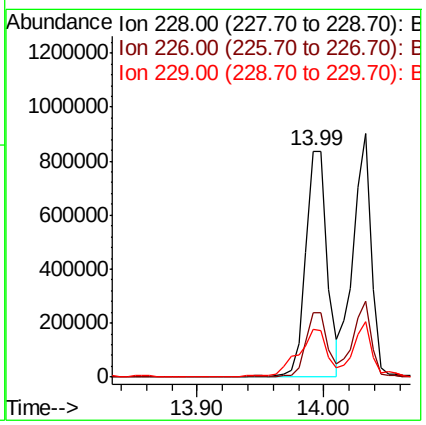


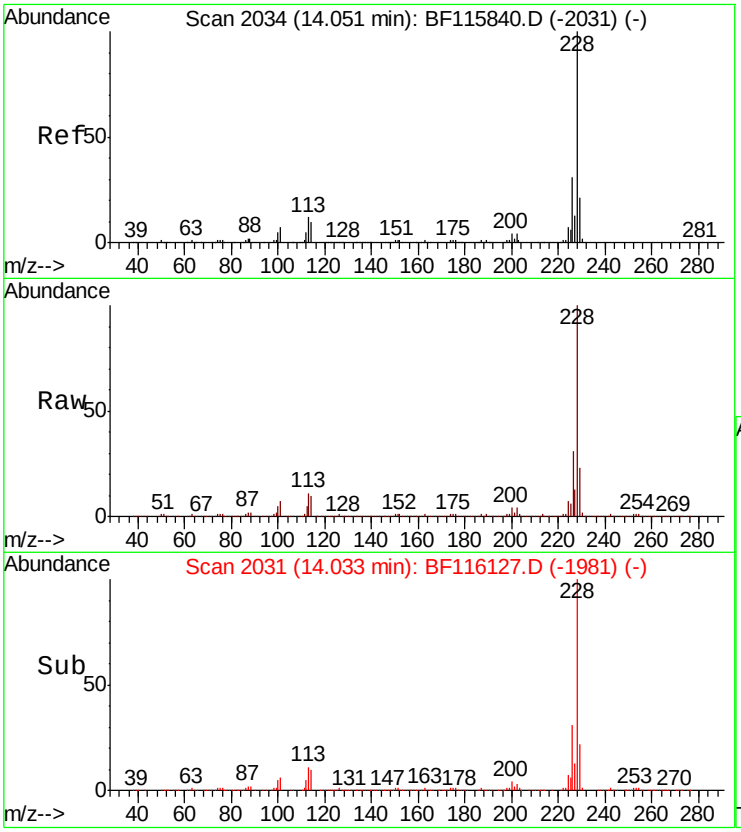


#81
Benzo(a)anthracene
Concen: 59.873 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:228 Resp: 978861

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.4	16.2	24.4



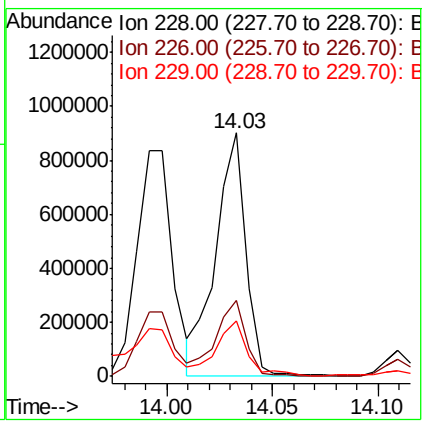


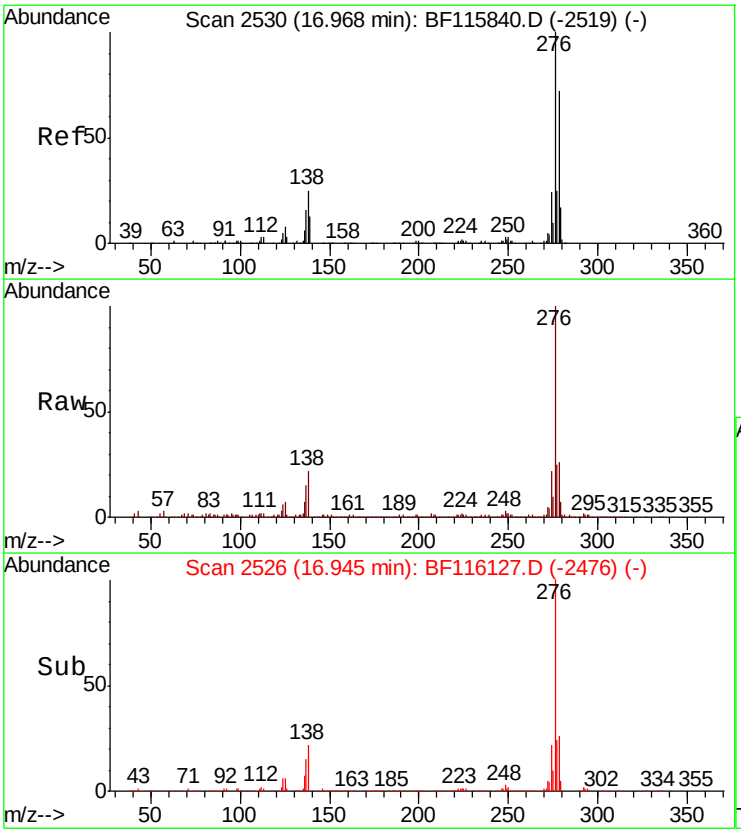
#83
Chrysene
Concen: 56.067 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 889914

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	22.9	16.6	24.8

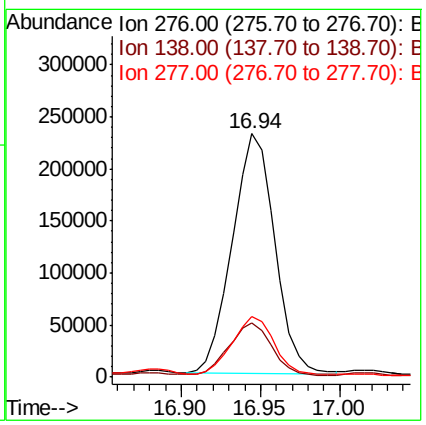


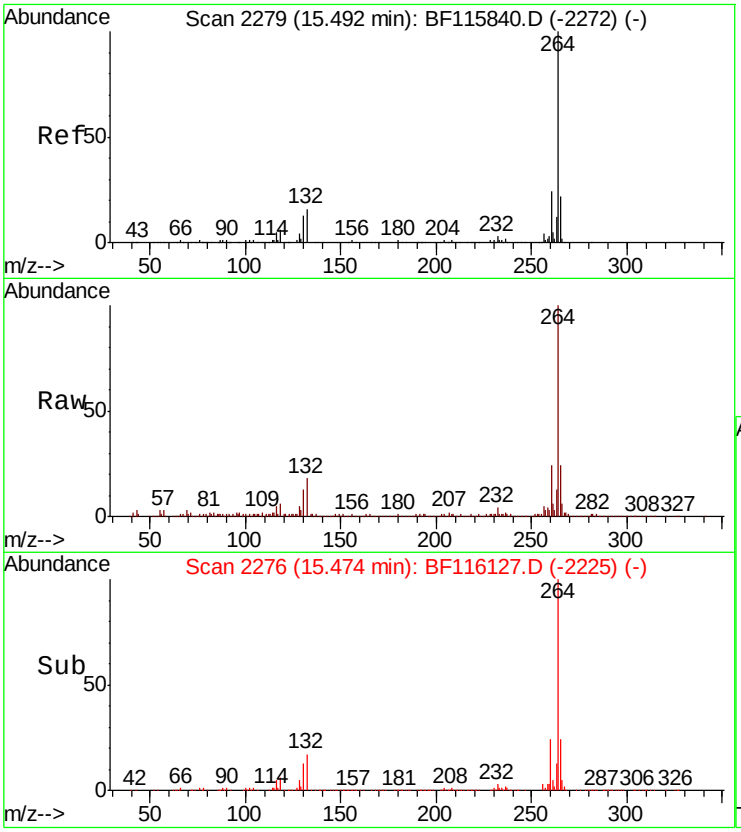


#86
Indeno(1,2,3-cd)pyrene
Concen: 32.248 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:276 Resp: 429907

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.4	30.6
277	24.2	20.0	30.0



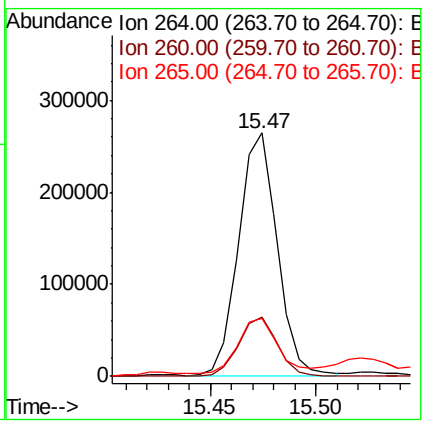


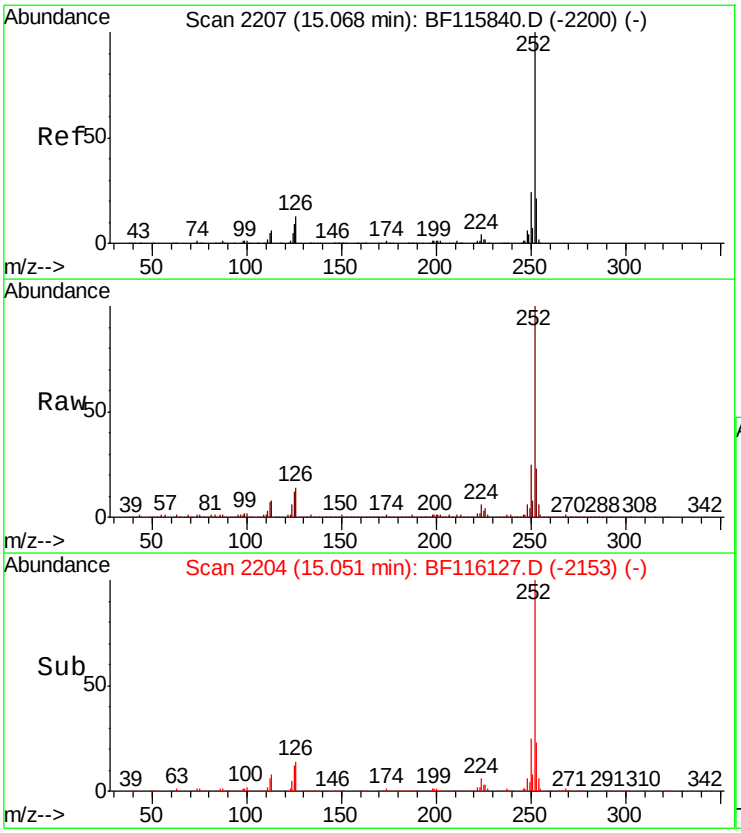
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 333113

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	23.9	17.4	26.0

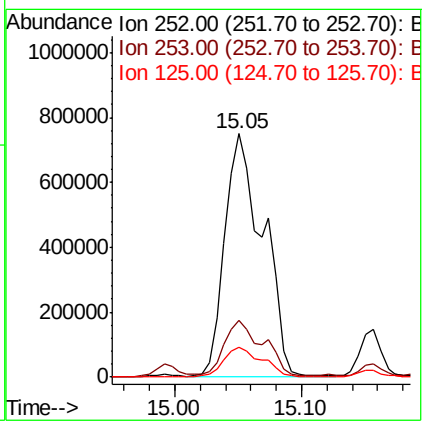


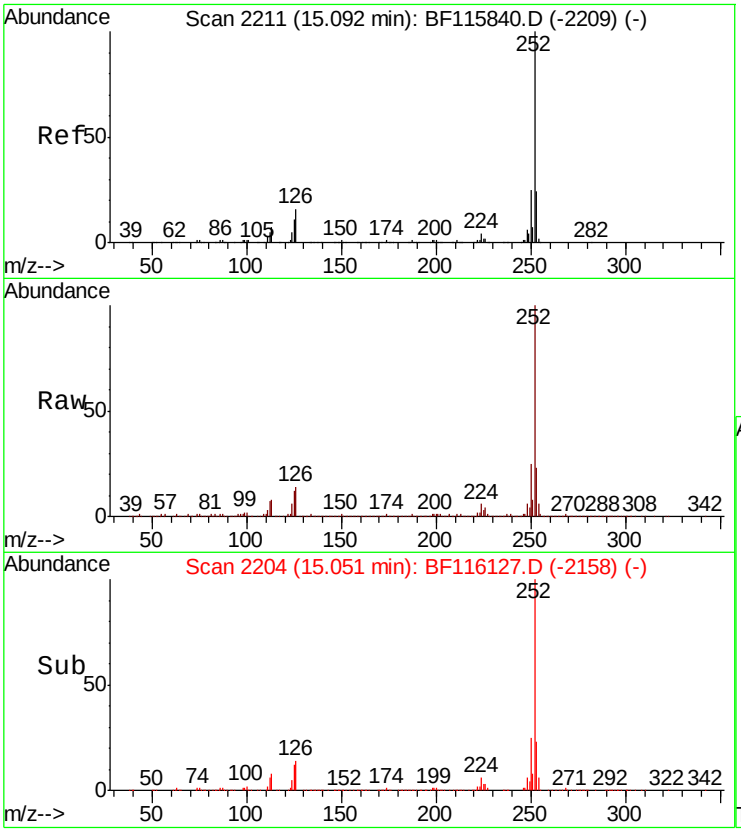


#88
Benzo(b)fluoranthene
Concen: 81.393 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:252 Resp: 1567714

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.1	8.4	12.6



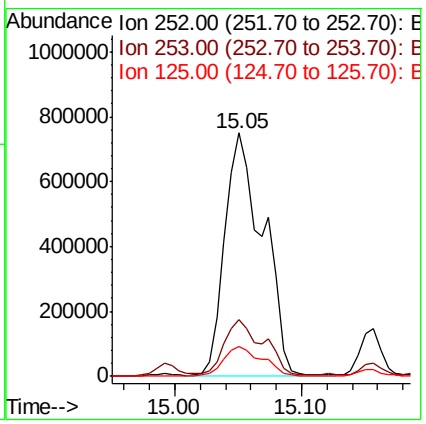


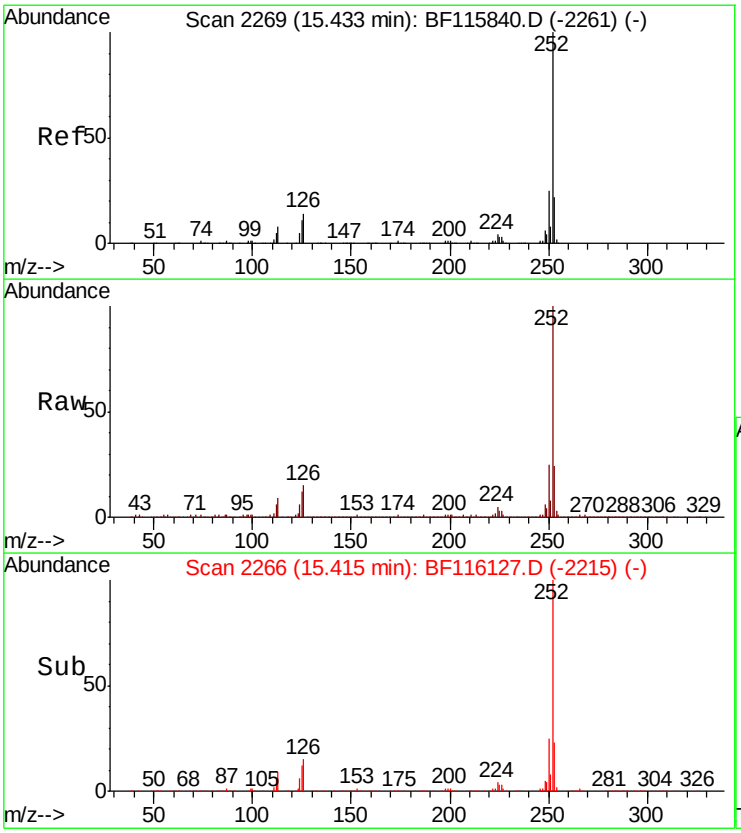
#89
Benzo(k)fluoranthene
Concen: 83.565 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1567714

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.1	7.7	11.5#

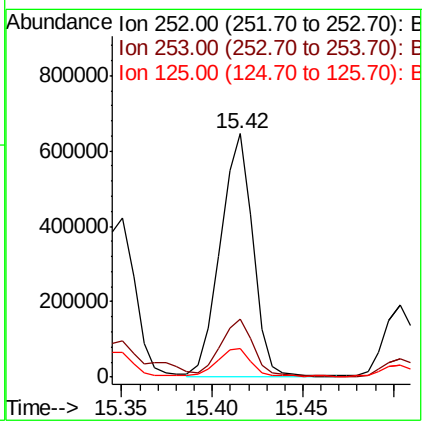


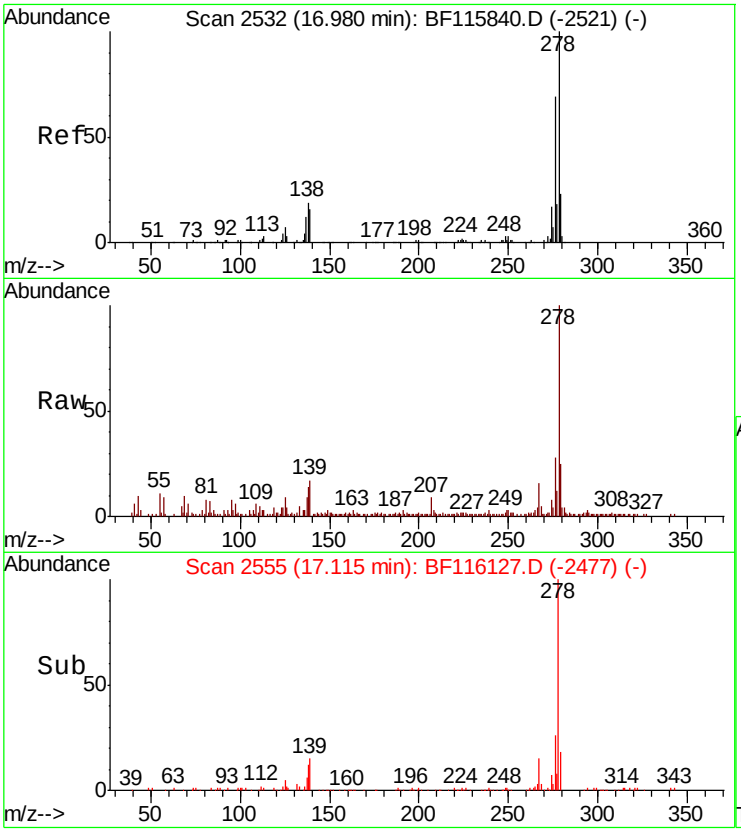


#90
Benzo(a)pyrene
Concen: 46.531 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:252 Resp: 801157

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	11.9	8.9	13.3



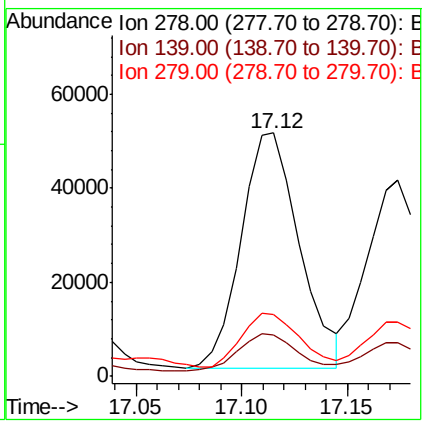


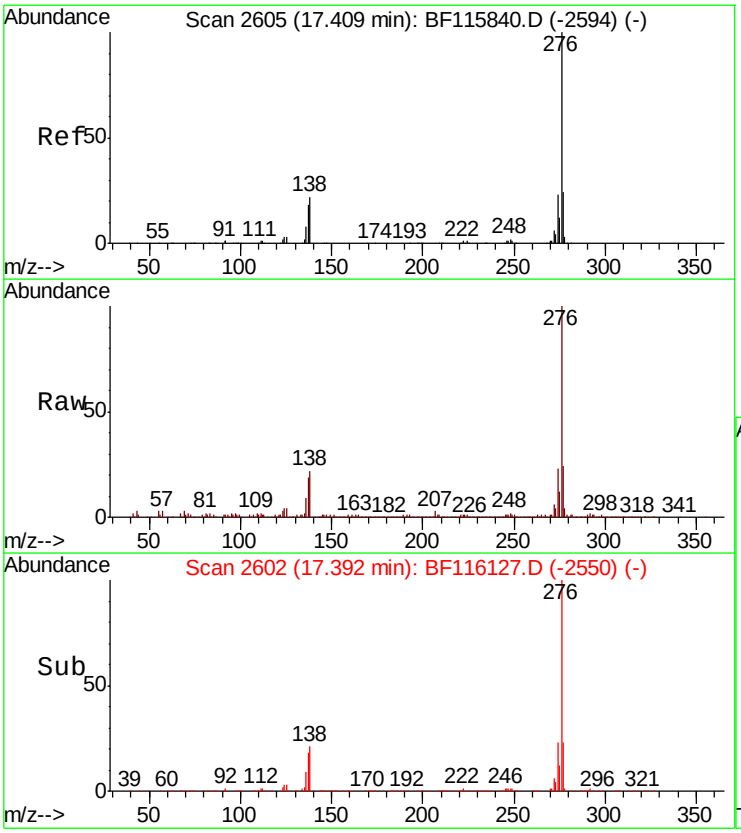
#91
Dibenzo(a,h)anthracene
Concen: 6.460 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.16 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 96284

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.8	19.2
279	25.5	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 24.768 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BF116127.D
Acq: 9 Aug 2019 22:00

Tgt Ion:276 Resp: 362527

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	21.9	17.0	25.6