Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Time: Sep 18 01:46:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113242	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	383116	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	159703	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	179376	20.00	ng		0.02
75) Chrysene-d12	13.89	240	215612	20.00	ng		0.04
86) Perylene-d12	15.28	264	210254	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	496337	72.80	ng		0.00
7) Phenol-d6	6.35	99	604738	68.79	ng		0.00
23) Nitrobenzene-d5	7.28	82	362716	53.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	108307	62.49	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	518896	50.91	ng		0.00
78) Terphenyl-d14	12.87	244	295191	32.45	ng		0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	50044	8.611	ng	#	76
25) Isophorone	7.28	82	360079	30.667	ng	#	64
31) Naphthalene	8.02	128	119839	6.739	ng		98
33) 4-Chloroaniline	8.02	127	15959	2.019	ng	#	37
37) 2-Methylnaphthalene	8.71	142	85086	7.340	ng		100
48) Acenaphthylene	9.61	152	40322	2.614	ng	#	90
49) Dimethylphthalate	9.47	163	92624	8.115	ng	#	96
54) Dibenzofuran	9.95	168	35012	2.522	ng	#	79
57) Fluorene	10.30	166	20347	2.199	ng	#	73
61) 4-Nitroaniline	10.22	138	15077	5.324	ng		88
65) n-Nitrosodiphenylamine	10.68	169	33321	5.679	ng		88
69) Pentachlorophenol	11.11	266	4010	2.898	ng	#	8
70) Phenanthrene	11.28	178	201531	22.919	ng	#	80
71) Anthracene	11.32	178	44493	4.992	ng	#	26
72) Carbazole	11.48	167	23658	2.681	ng	#	1
73) Di-n-butylphthalate	11.83	149	41147	3.984	ng	#	36
74) Fluoranthene	12.49	202	270863	29.179	ng		86
77) Pyrene	12.72	202	272663	17.025	ng	#	90
80) Benzo(a)anthracene	13.89	228	240672	18.437	ng	#	90
82) Chrysene	13.92	228	247398	18.943	ng	#	95
83) Bis(2-ethylhexyl)phthalate	13.88	149	60993	7.042	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.62	276	123634	11.840	ng	#	88
87) Benzo(b)fluoranthene	14.89	252	383014	32.928	ng	#	93
88) Benzo(k)fluoranthene	14.89	252	383014	35.255	ng	#	96
89) Benzo(a)pyrene	15.22	252	200134	19.374	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	26728	3.080	ng		94
91) Benzo(g,h,i)perylene	17.02	276	111439	12.844	ng		93

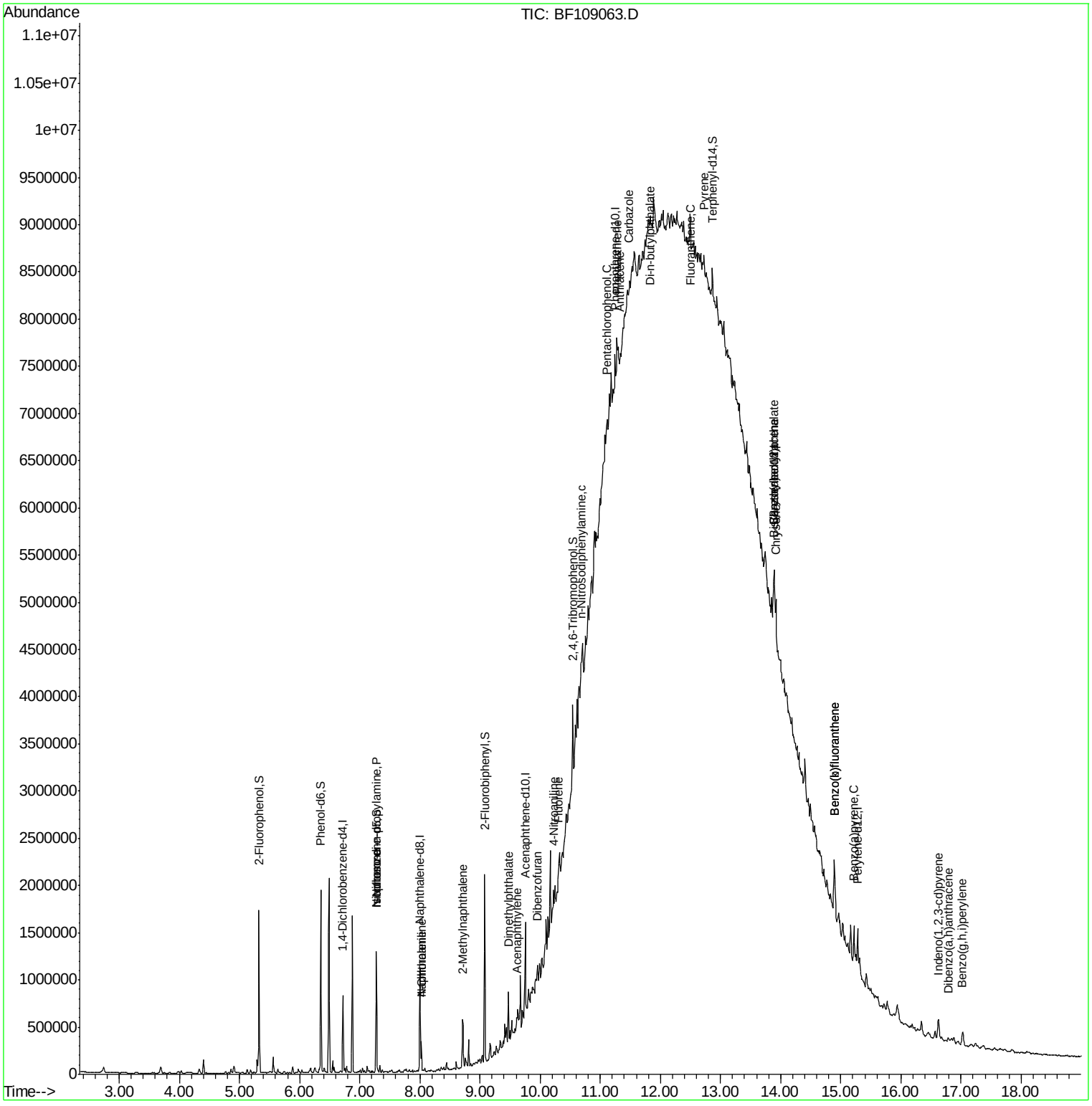
(#) = qualifier out of range (m) = manual integration (+) = signals summed

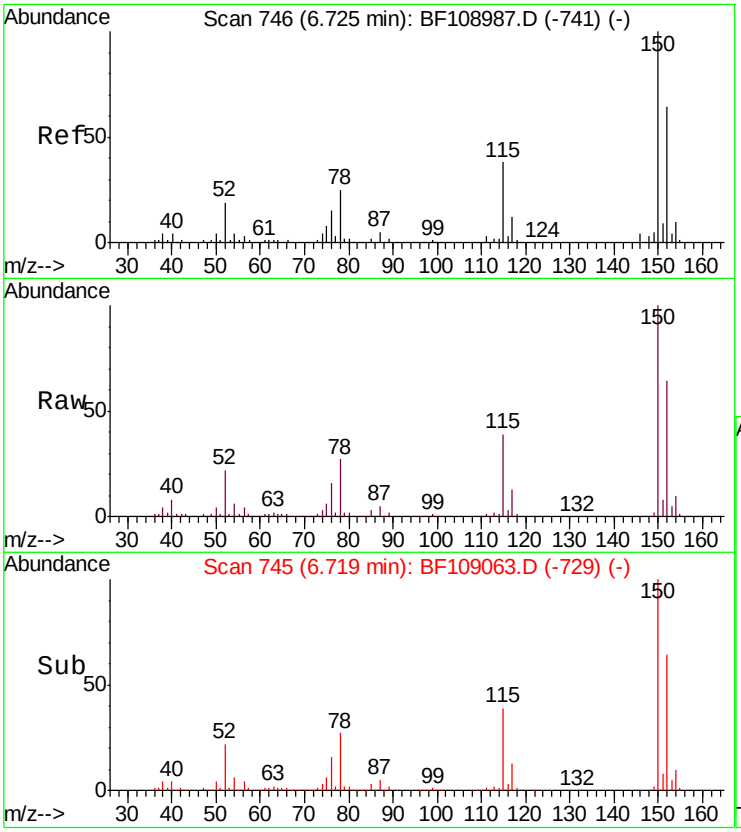
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Quant Time: Sep 18 01:46:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



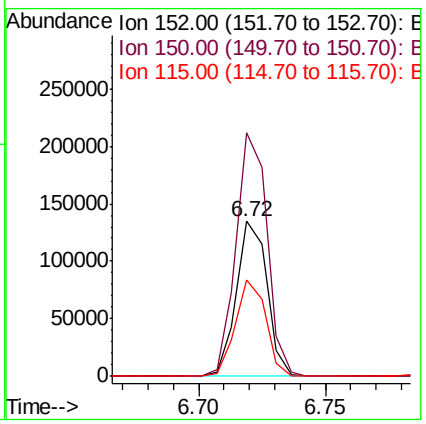


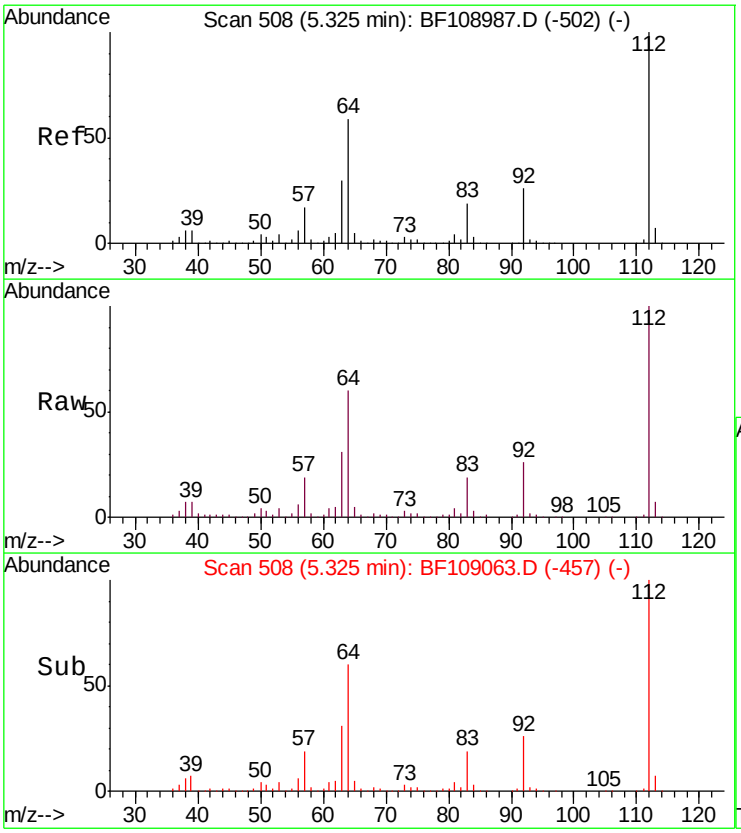
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:152 Resp: 113242

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.1	50.1	75.1

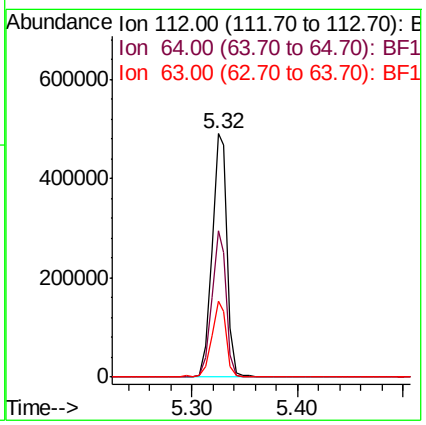


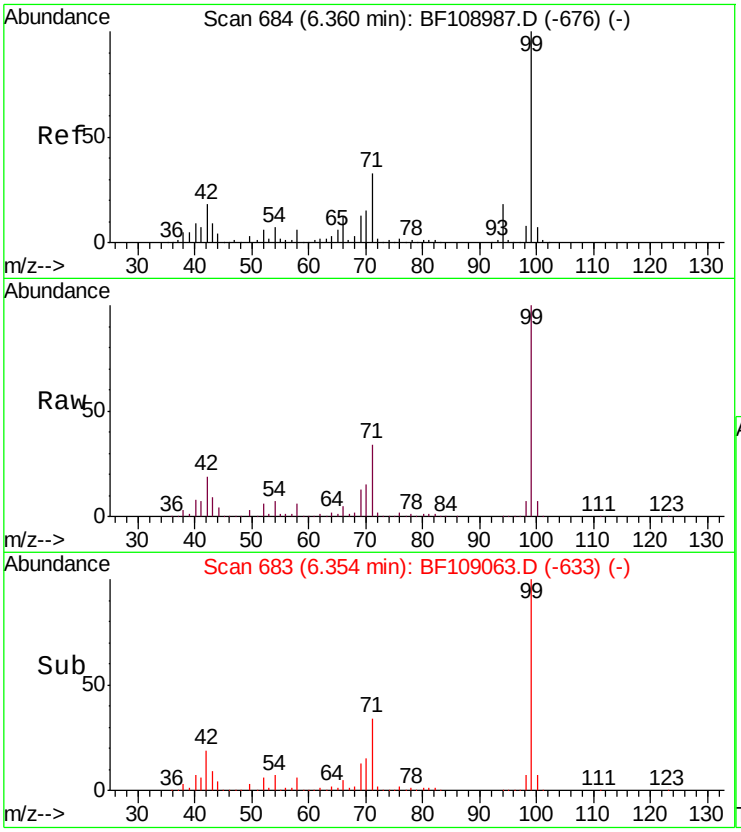


#5
2-Fluorophenol
Concen: 72.796 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:112 Resp: 496337

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.1	23.7	35.5



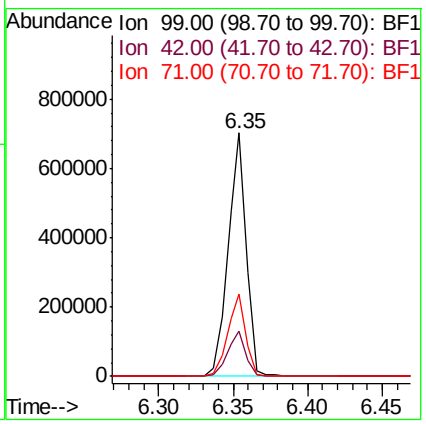


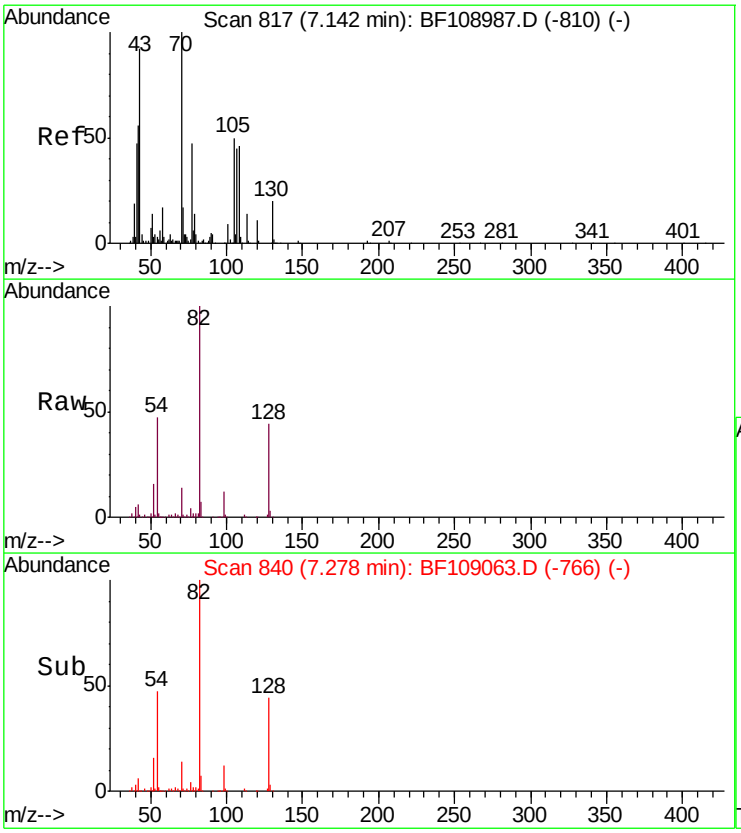
#7
Phenol-d6
Concen: 68.785 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion: 99 Resp: 604738

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.7	25.4	38.0

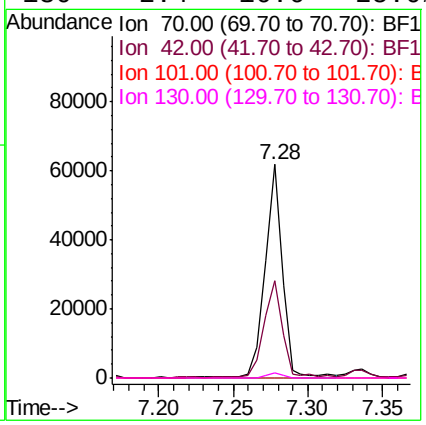


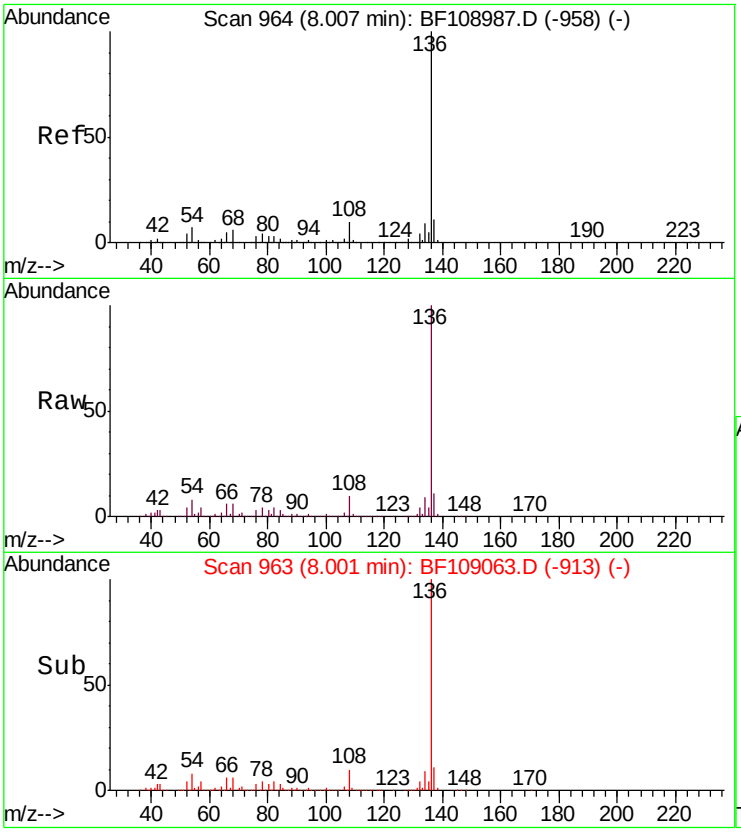


#19
n-Nitroso-di-n-propylamine
Concen: 8.611 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion: 70 Resp: 50044

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



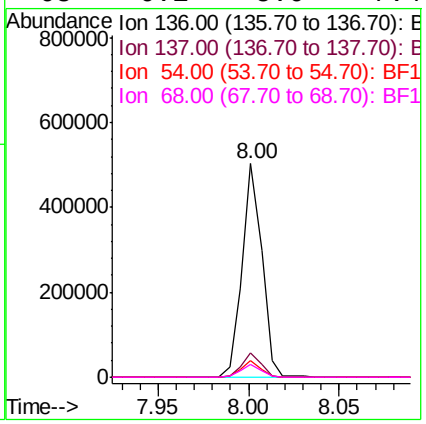


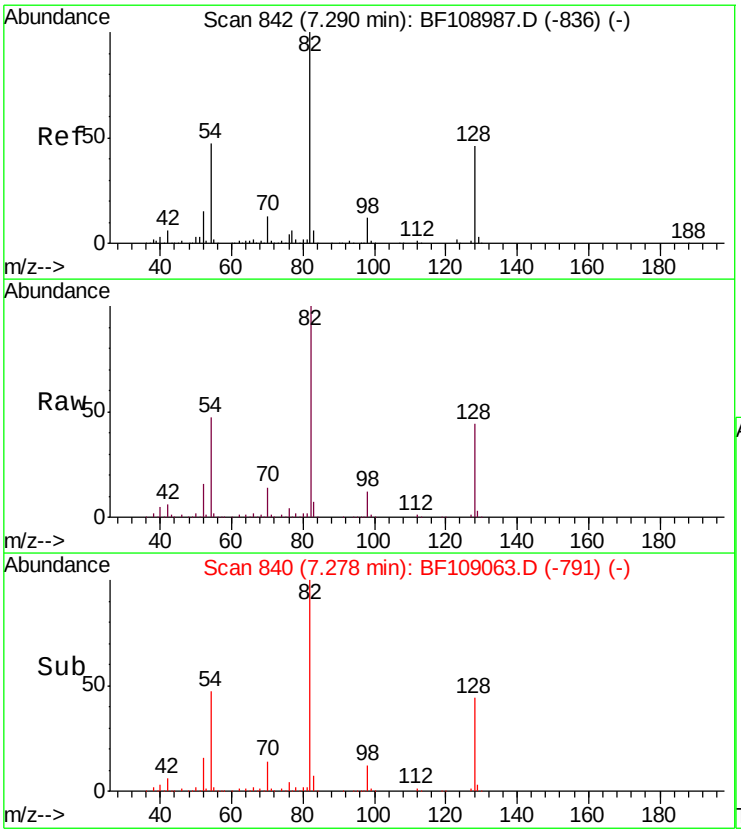
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:136 Resp: 383116

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4

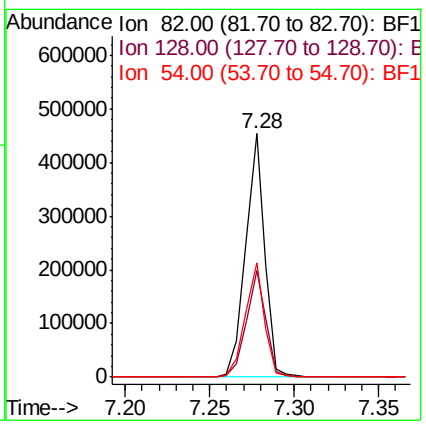


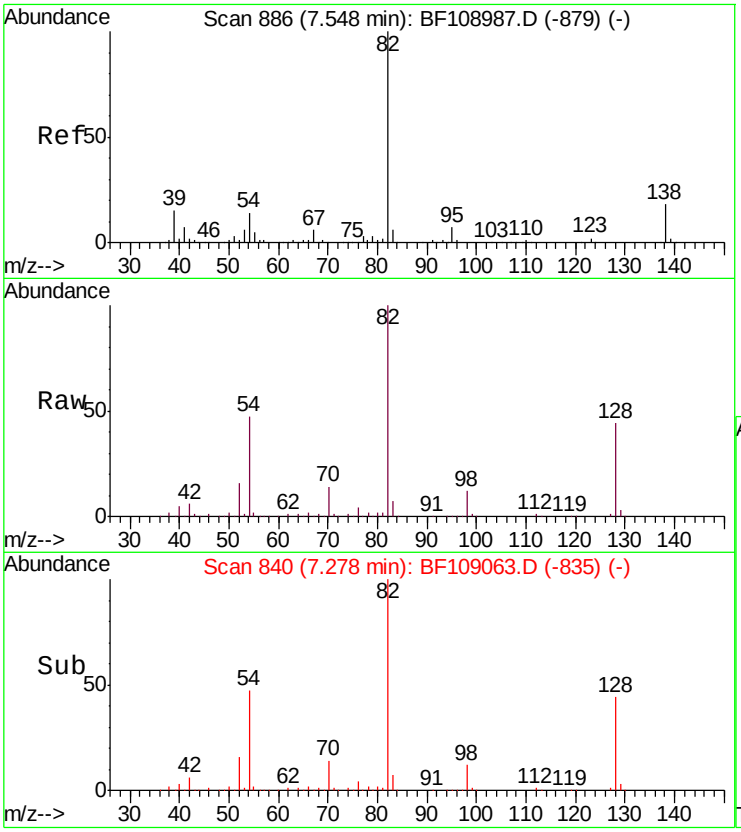


#23
Nitrobenzene-d5
Concen: 53.102 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion: 82 Resp: 362716

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	46.9	41.4	62.2



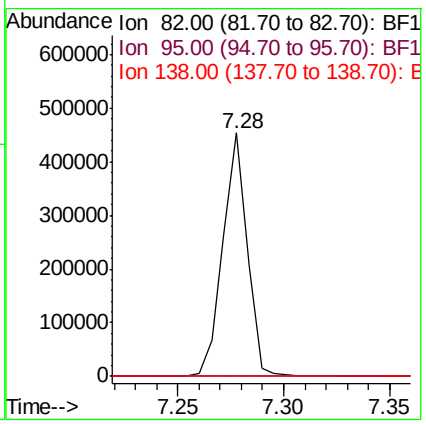


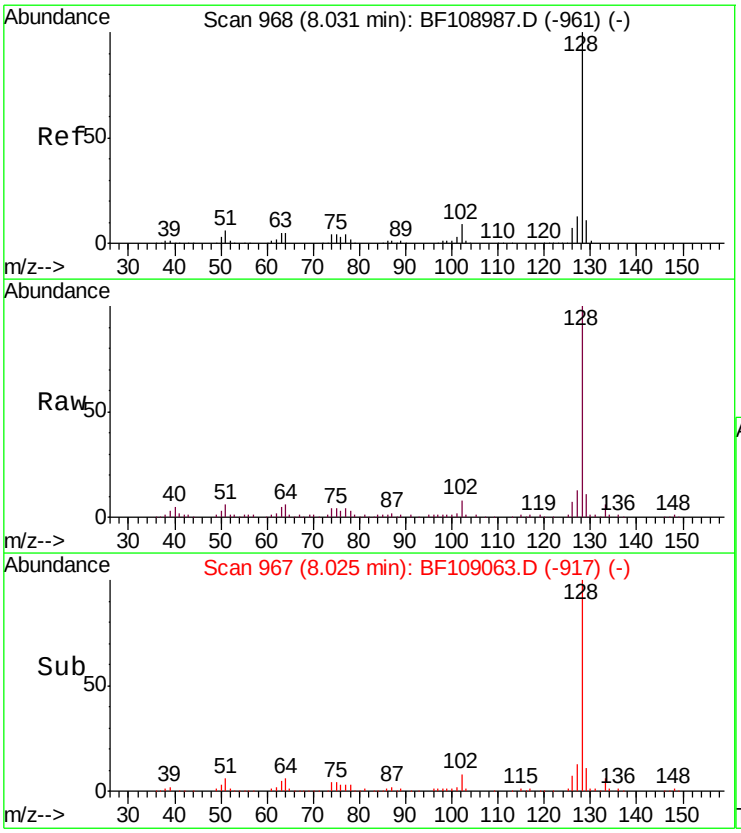
#25
Isophorone
Concen: 30.667 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion: 82 Resp: 360079

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

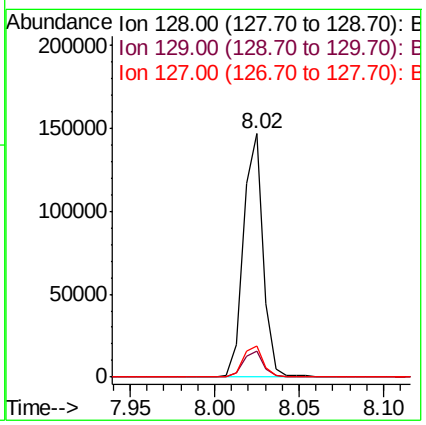


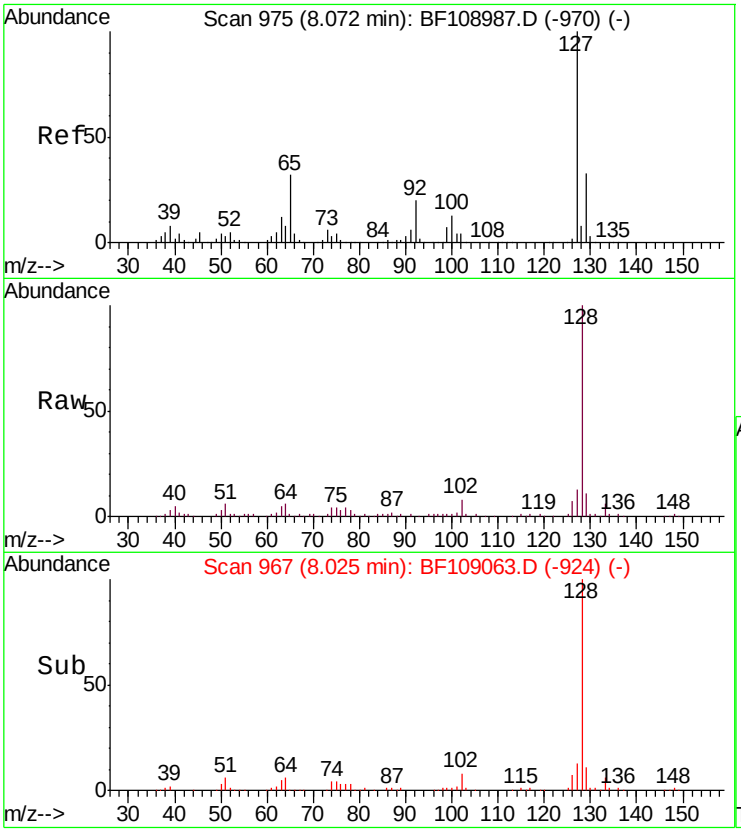


#31
Naphthalene
Concen: 6.739 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:128 Resp: 119839

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.7	10.9	16.3



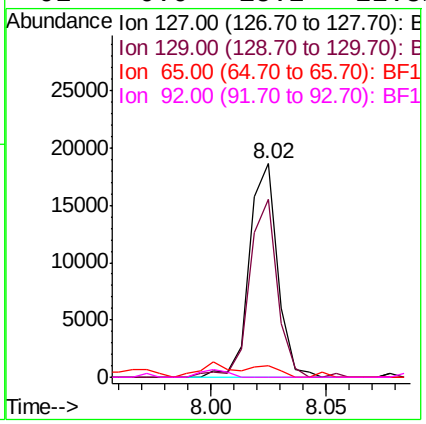


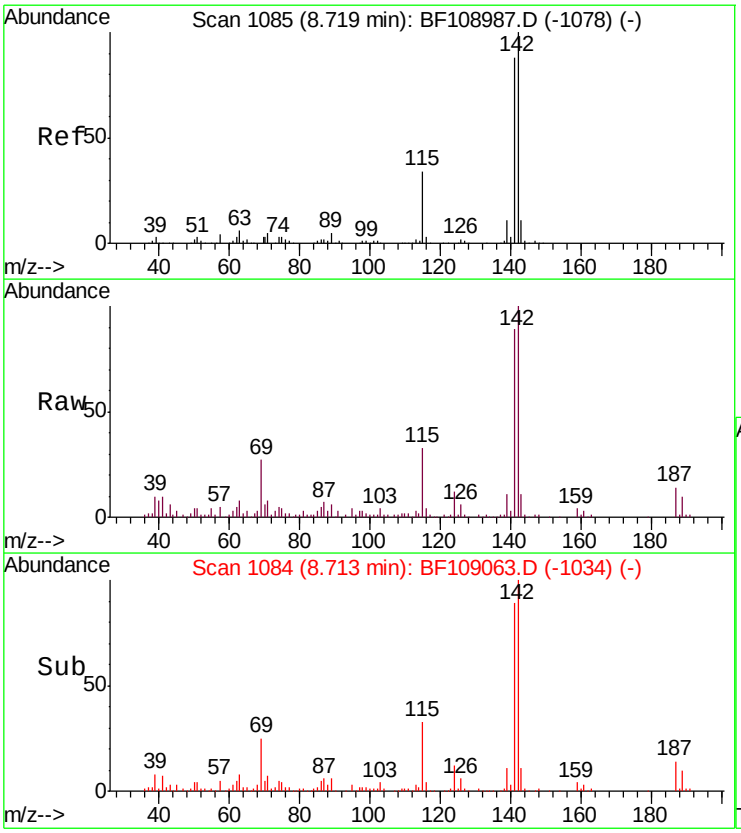
#33
4-Chloroaniline
Concen: 2.019 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:127 Resp: 15959

Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.9	38.9#
65	5.3	25.0	37.4#
92	0.0	15.2	22.8#

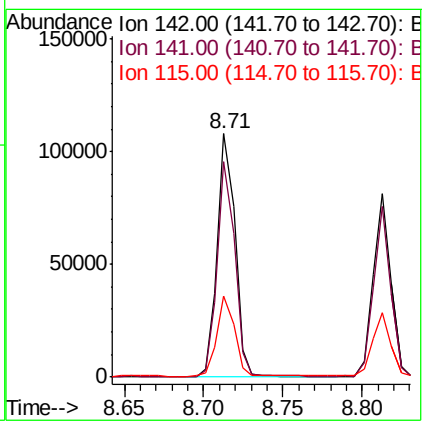


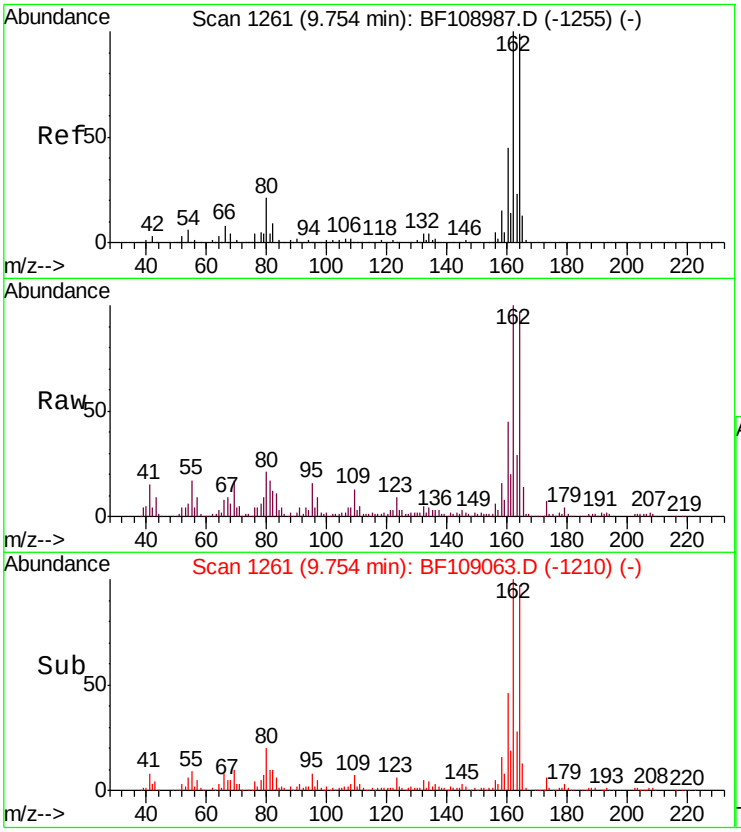


#37
2-Methylnaphthalene
Concen: 7.340 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:142 Resp: 85086

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.4	26.1	39.1



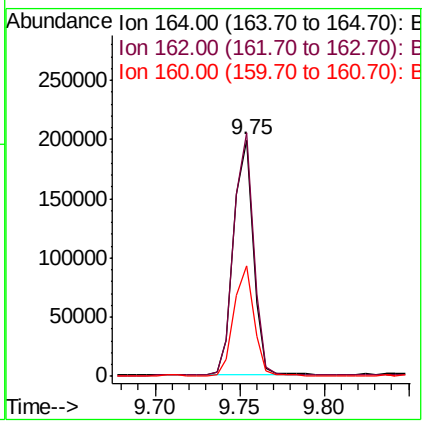


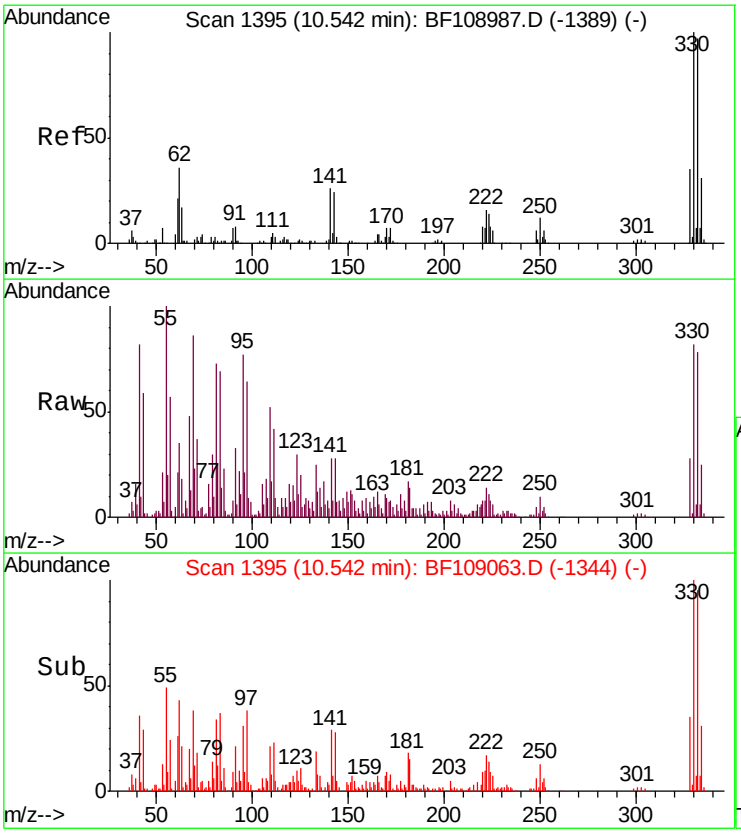
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:164 Resp: 159703

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5

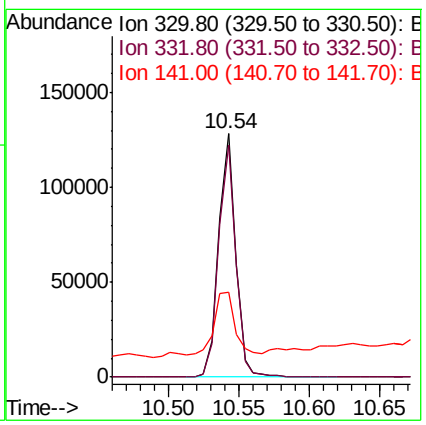


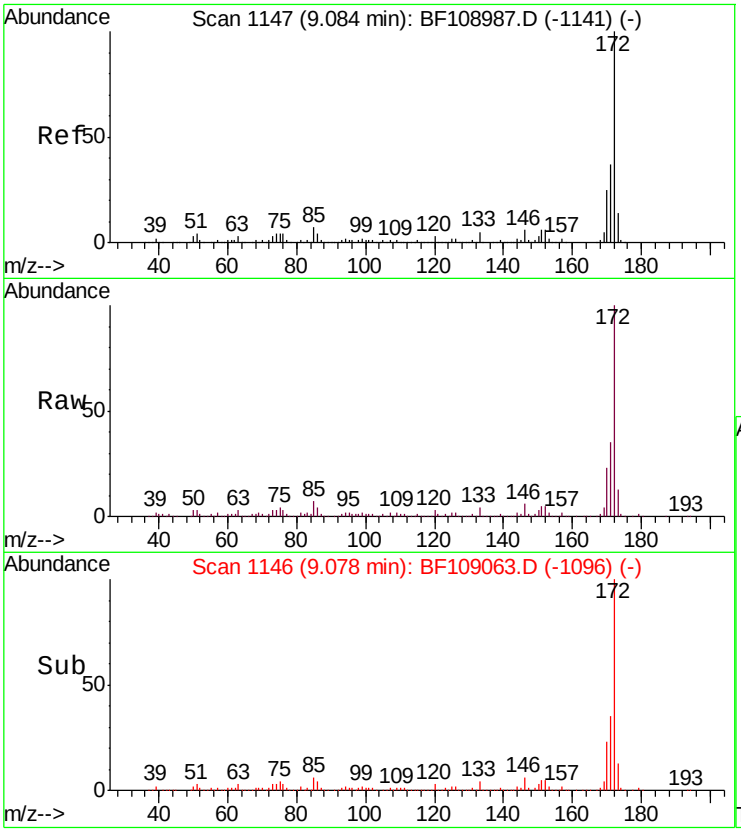


#41
2,4,6-Tribromophenol
Concen: 62.489 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:330 Resp: 108307

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.0	29.9	44.9



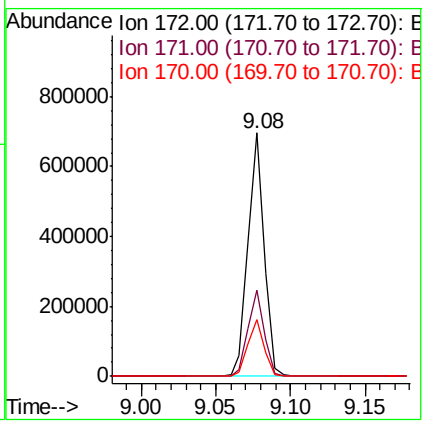


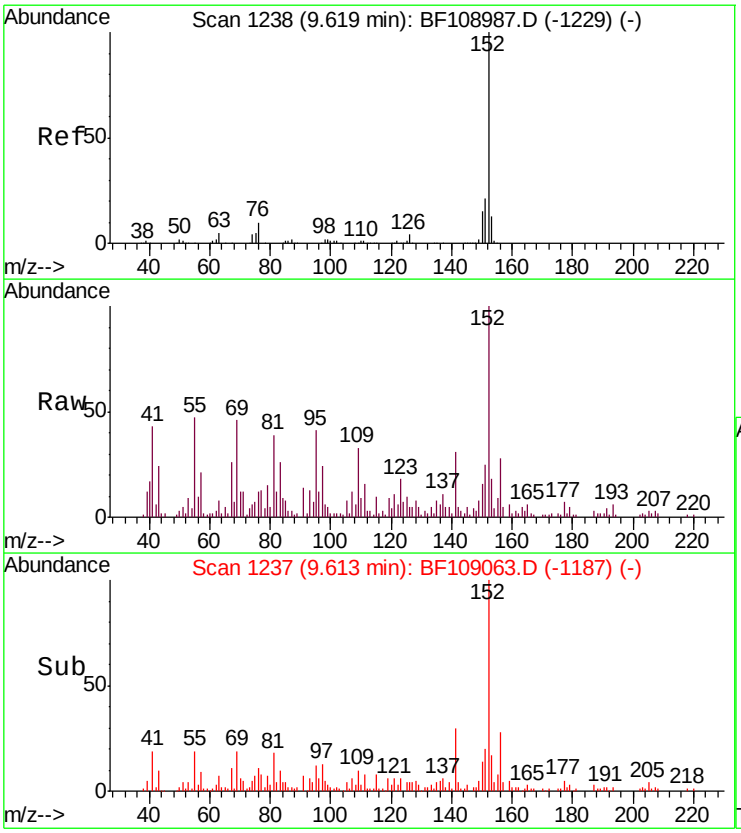
#44
2-Fluorobiphenyl
Concen: 50.905 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:172 Resp: 518896

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4

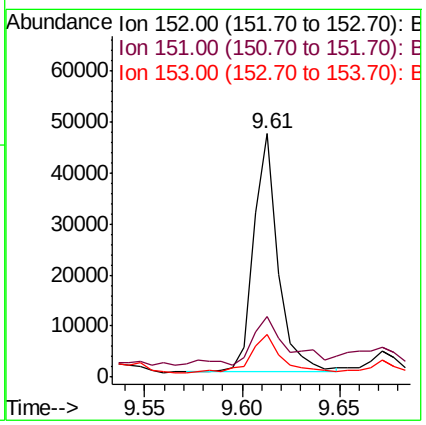


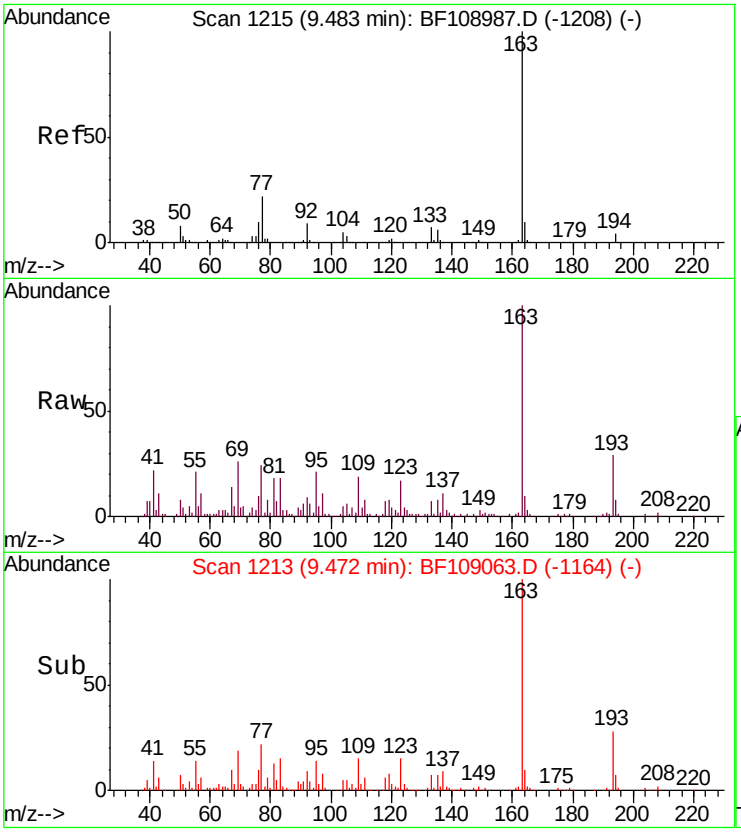


#48
Acenaphthylene
Concen: 2.614 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:152 Resp: 40322

Ion	Ratio	Lower	Upper
152	100		
151	24.7	16.3	24.5#
153	17.7	10.7	16.1#



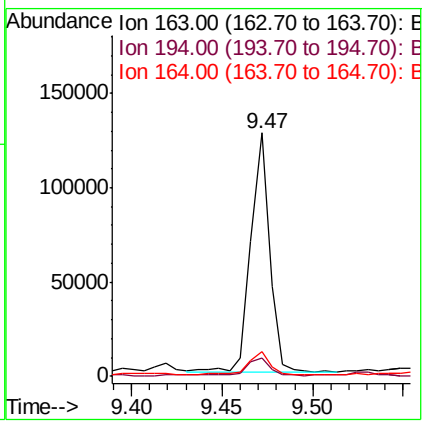


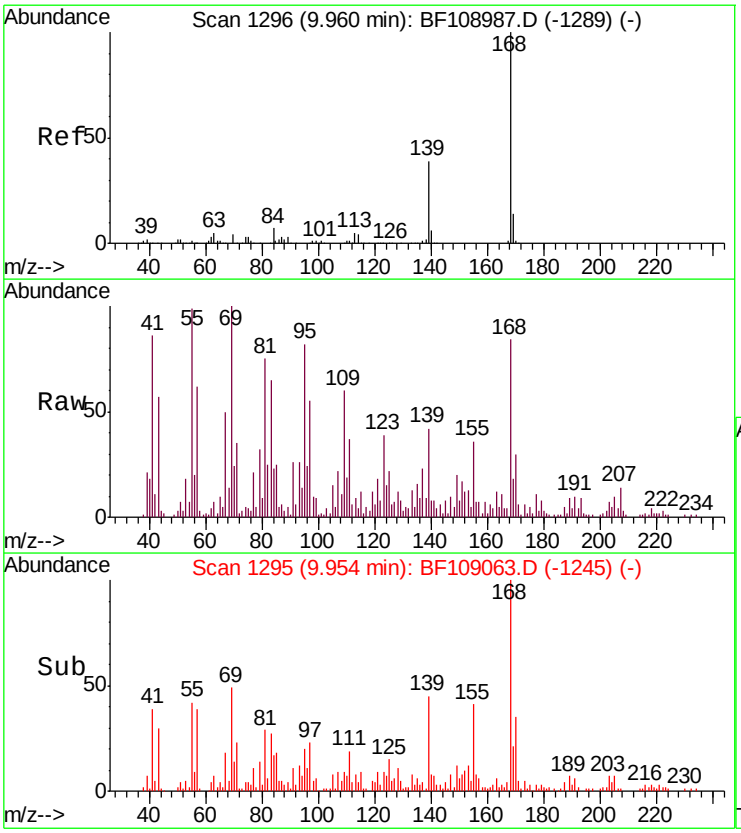
#49
Dimethylphthalate
Concen: 8.115 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:163 Resp: 92624

Ion	Ratio	Lower	Upper
163	100		
194	7.7	2.7	4.1#
164	10.4	8.2	12.2

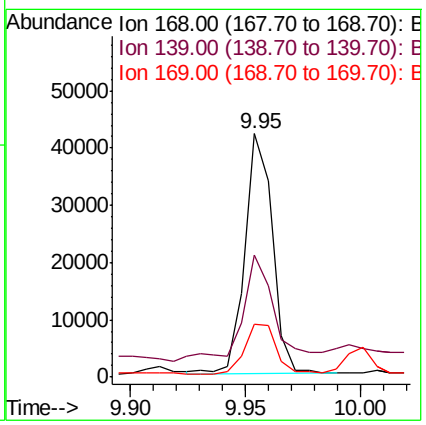


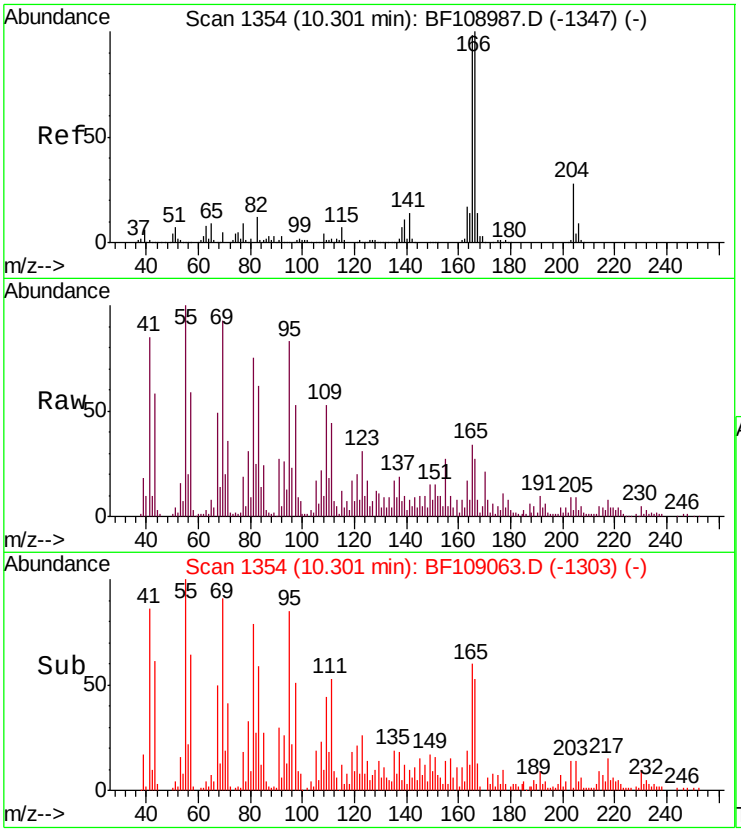


#54
Dibenzofuran
Concen: 2.522 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:168 Resp: 35012

Ion	Ratio	Lower	Upper
168	100		
139	49.9	30.1	45.1#
169	21.8	10.9	16.3#



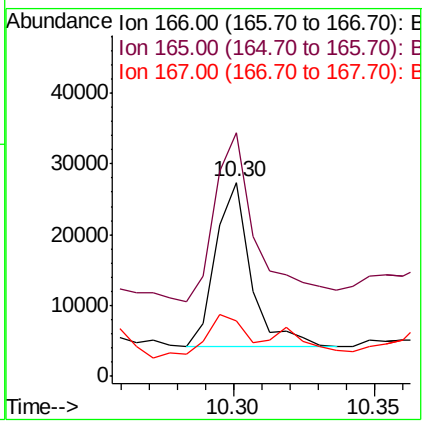


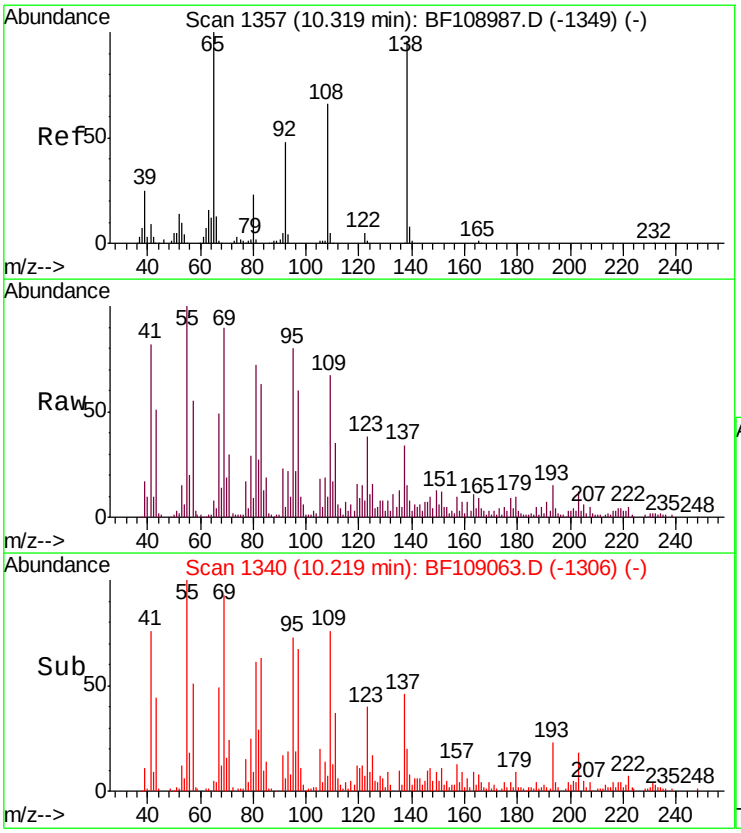
#57
Fluorene
Concen: 2.199 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:166 Resp: 20347

Ion	Ratio	Lower	Upper
166	100		
165	125.4	79.8	119.8#
167	28.7	10.6	16.0#

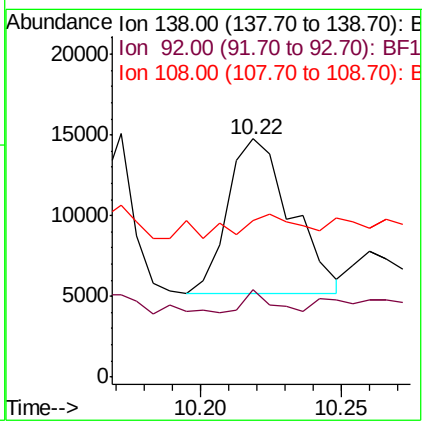


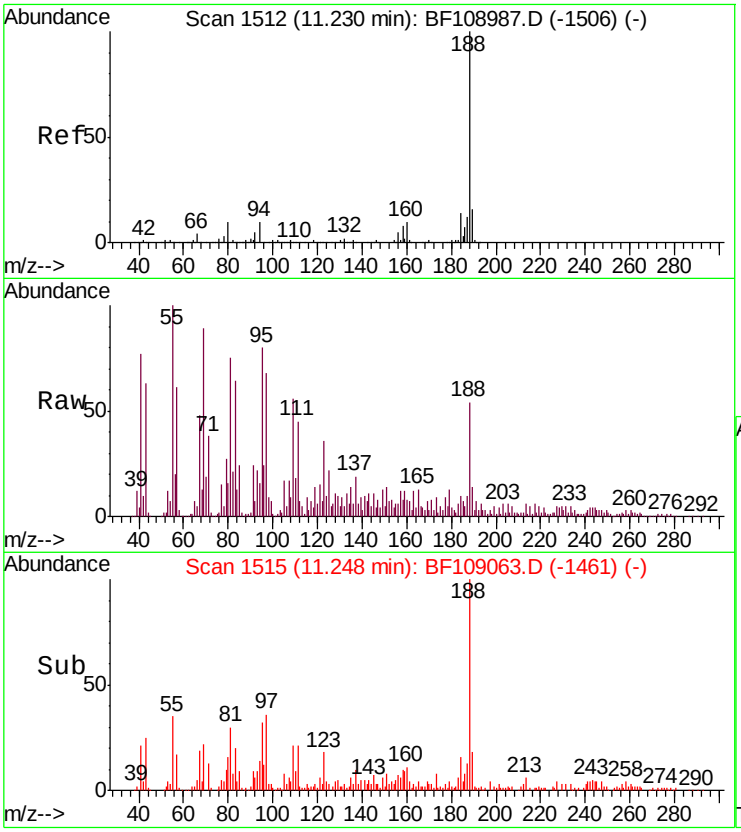


#61
4-Nitroaniline
Concen: 5.324 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.10 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:138 Resp: 15077

Ion	Ratio	Lower	Upper
138	100		
92	36.9	30.2	70.2
108	66.0	52.5	92.5



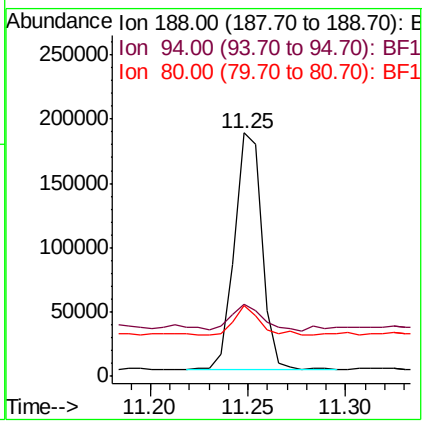


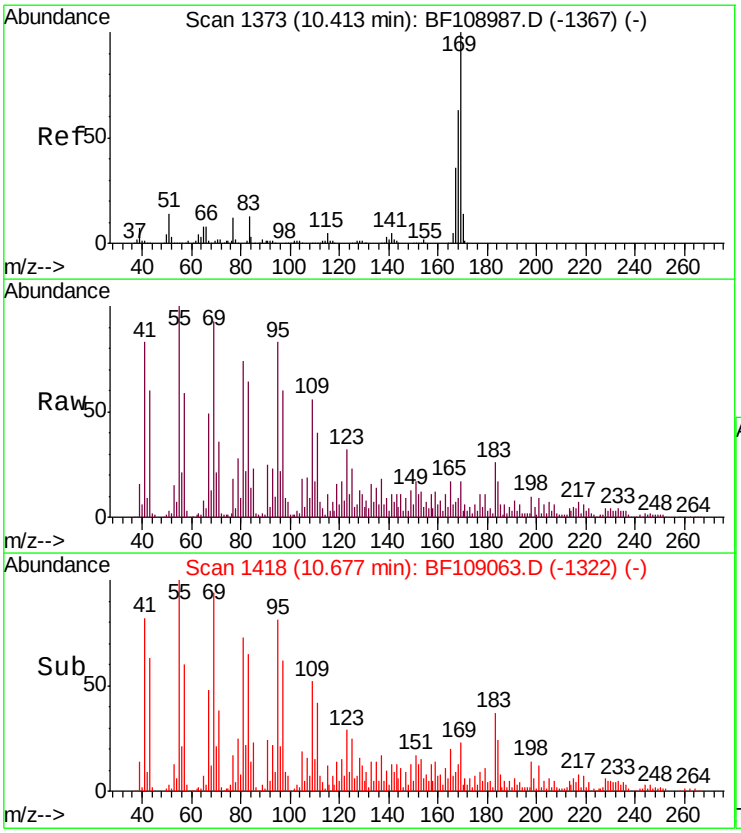
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:188 Resp: 179376

Ion	Ratio	Lower	Upper
188	100		
94	29.7	8.5	12.7#
80	29.0	9.2	13.8#

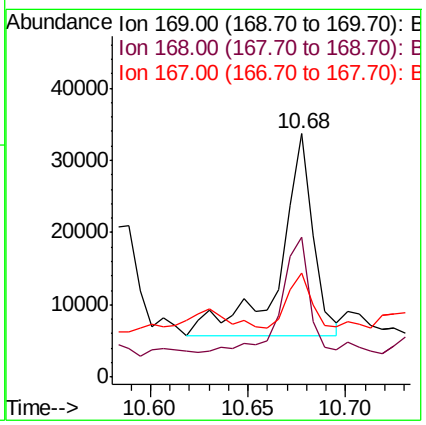


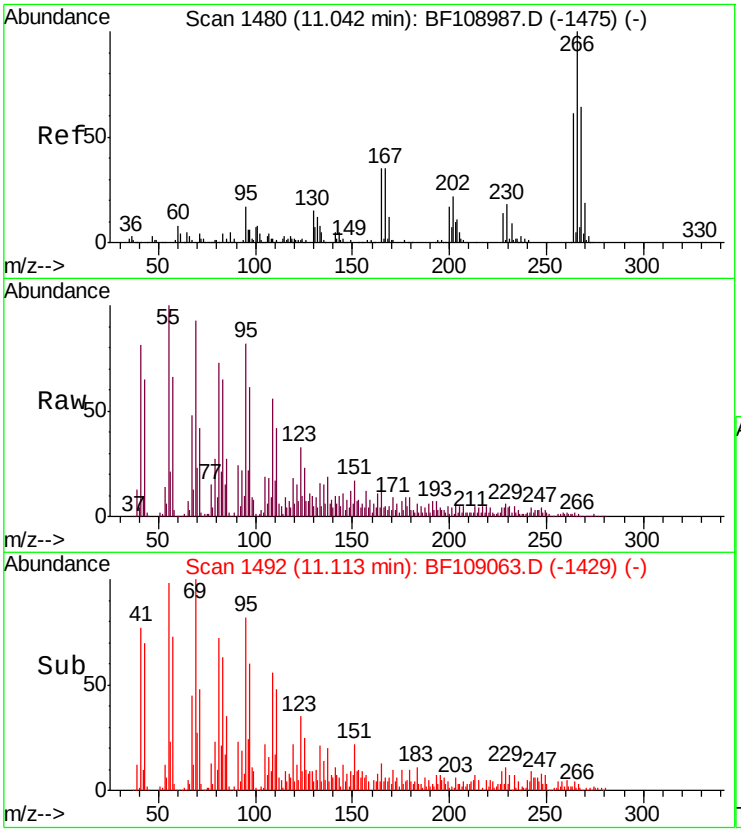


#65
n-Nitrosodiphenylamine
Concen: 5.679 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.26 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:169 Resp: 33321

Ion	Ratio	Lower	Upper
169	100		
168	57.3	54.4	81.6
167	42.5	29.8	44.6



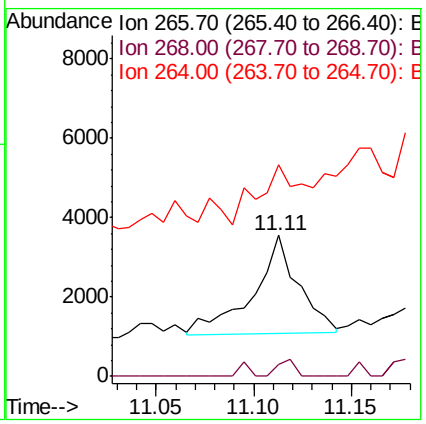


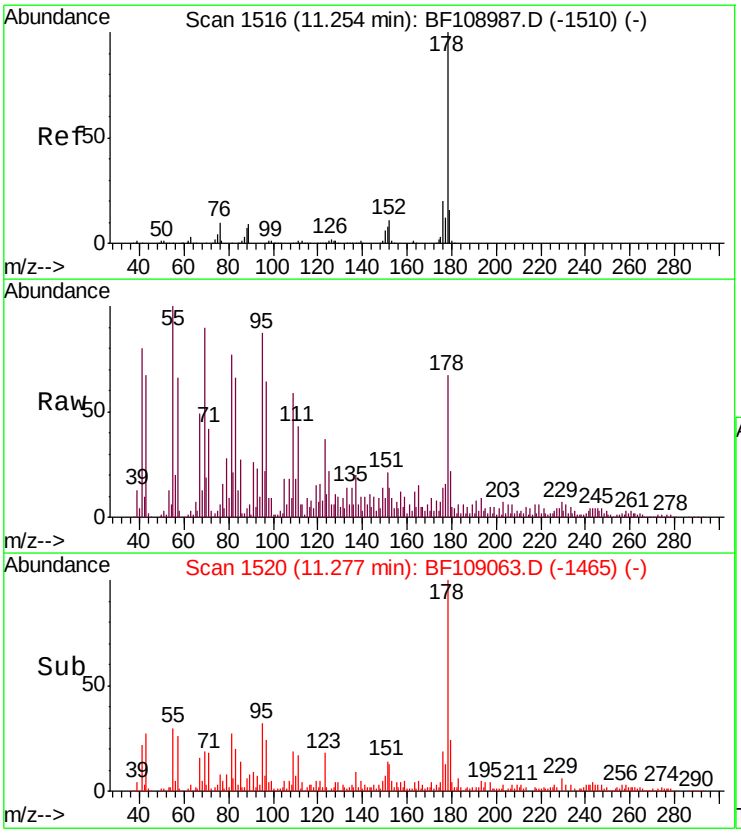
#69
Pentachlorophenol
Concen: 2.898 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.07 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:266 Resp: 4010

Ion	Ratio	Lower	Upper
266	100		
268	8.9	51.1	76.7#
264	150.4	49.5	74.3#

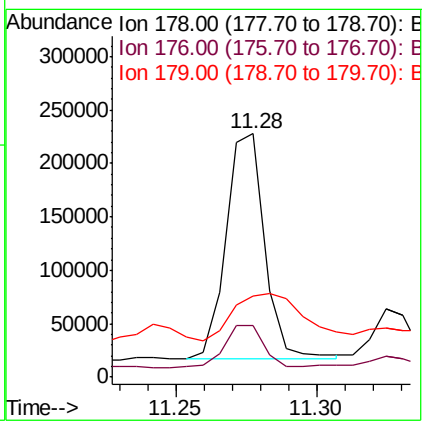


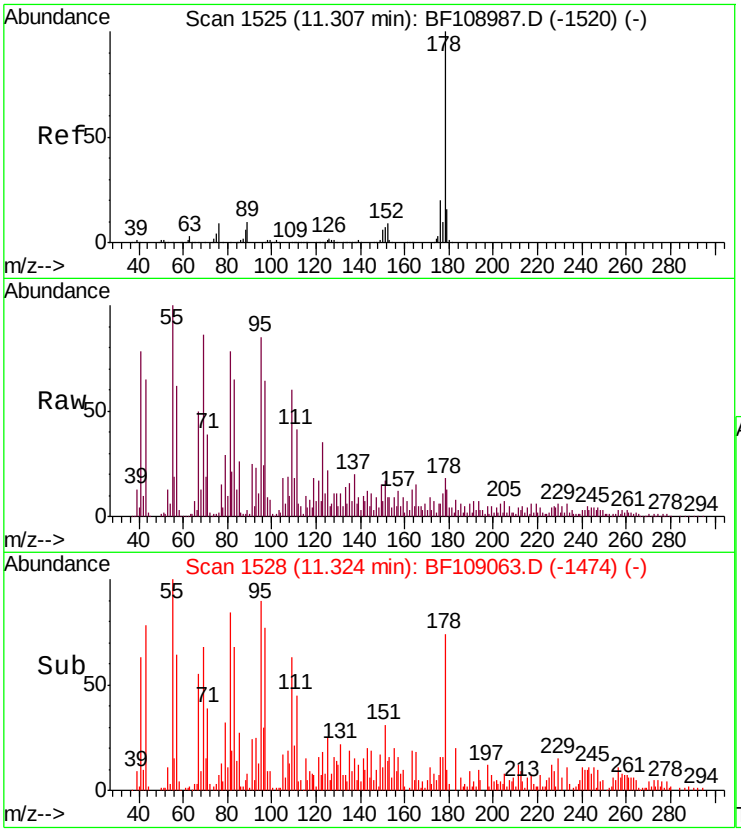


#70
Phenanthrene
Concen: 22.919 ng
RT: 11.28 min Scan# 1520
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:178 Resp: 201531

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	33.3	13.0	19.6#



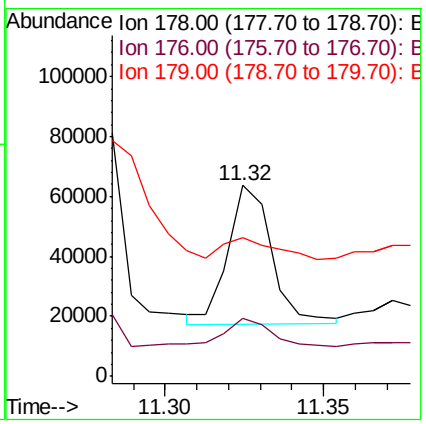


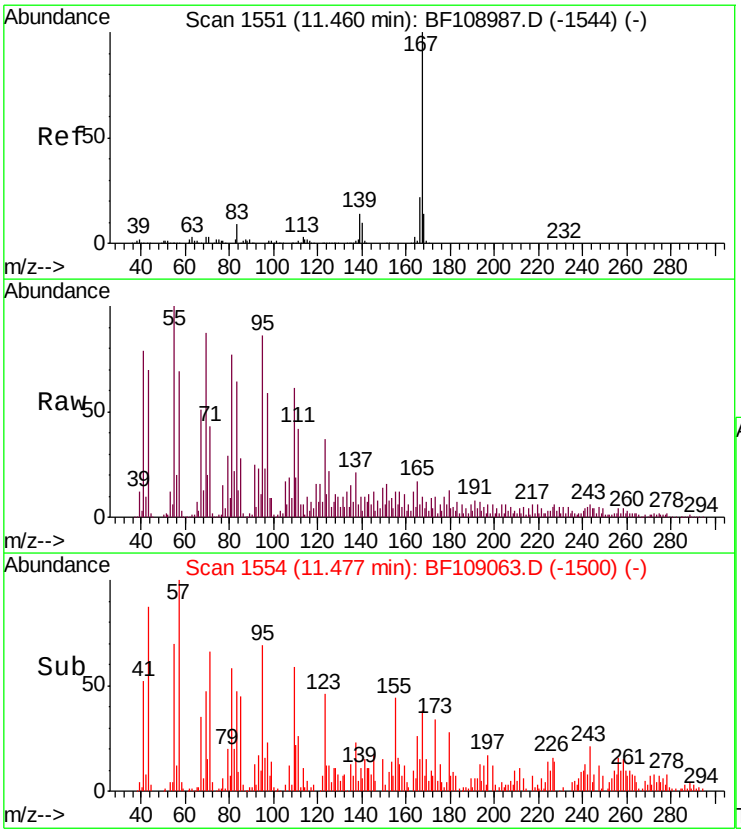
#71
Anthracene
Concen: 4.992 ng
RT: 11.32 min Scan# 1528
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:178 Resp: 44493

Ion	Ratio	Lower	Upper
178	100		
176	30.6	15.4	23.2#
179	72.5	12.6	19.0#

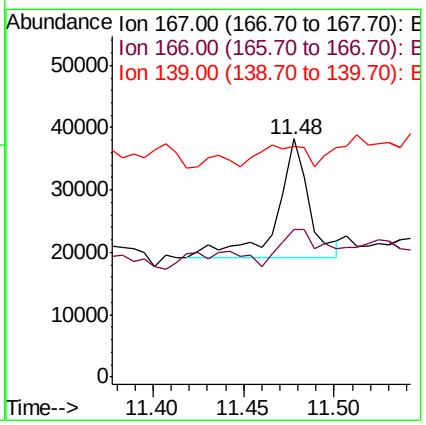


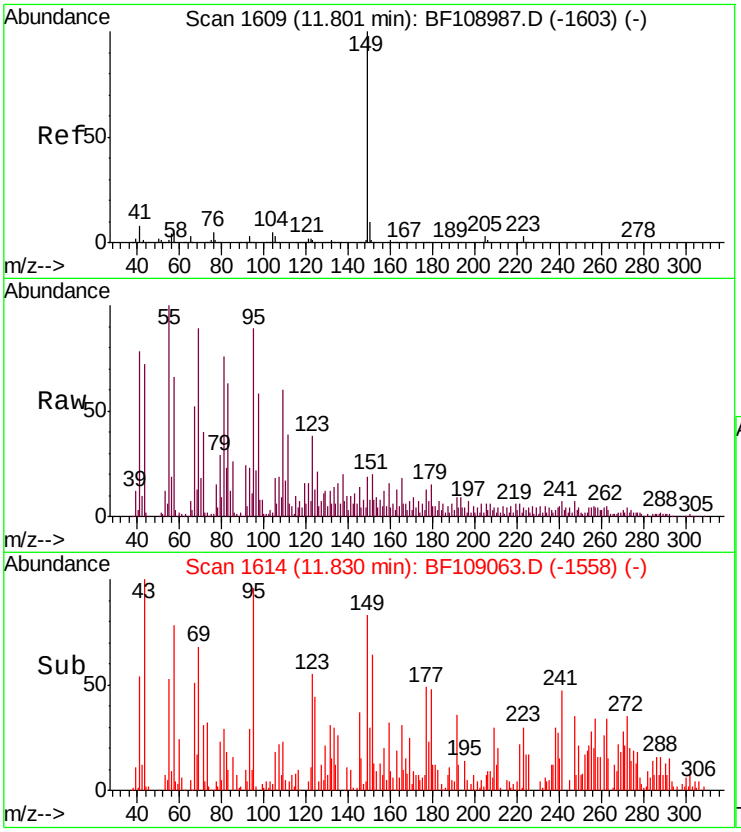


#72
Carbazole
Concen: 2.681 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:167 Resp: 23658

Ion	Ratio	Lower	Upper
167	100		
166	62.3	17.6	26.4#
139	97.0	10.9	16.3#



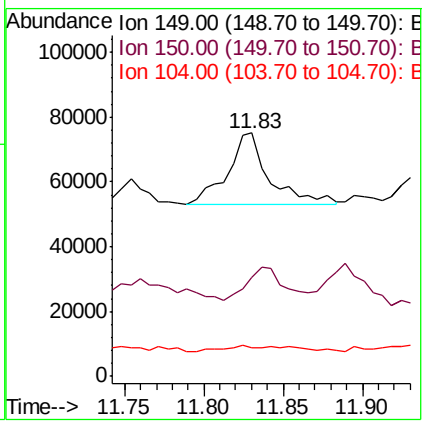


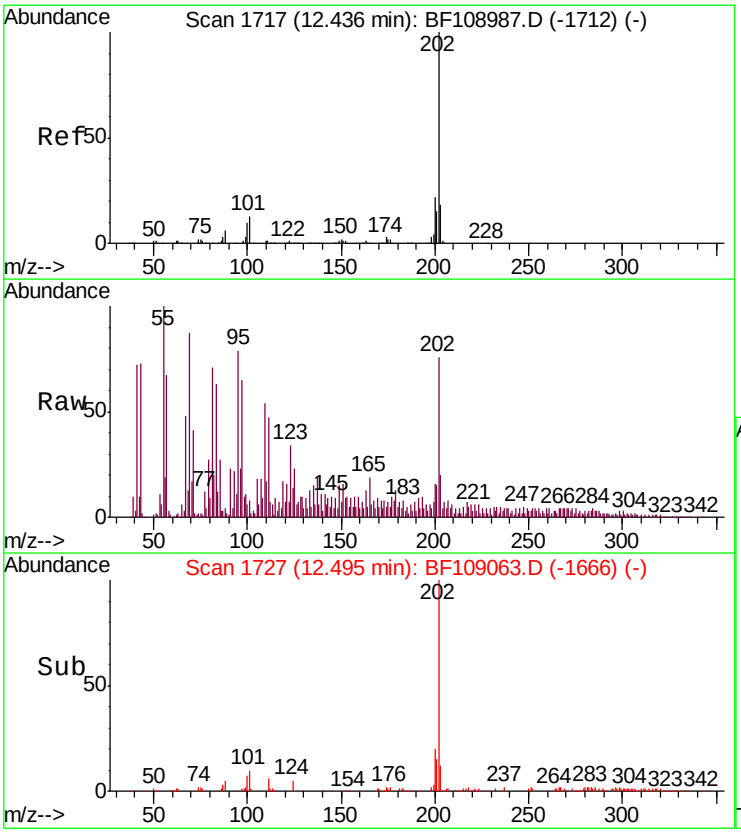
#73
Di-n-butylphthalate
Concen: 3.984 ng
RT: 11.83 min Scan# 1614
Delta R.T. 0.03 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:149 Resp: 41147

Ion	Ratio	Lower	Upper
149	100		
150	40.9	7.8	11.6#
104	11.6	3.8	5.8#

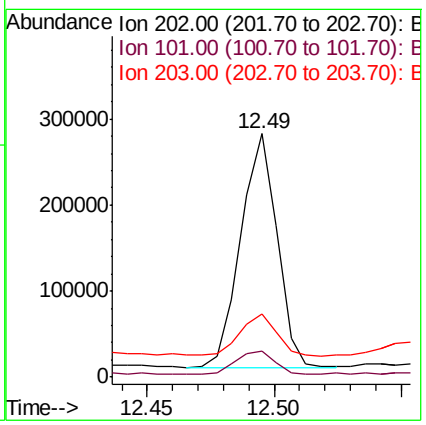


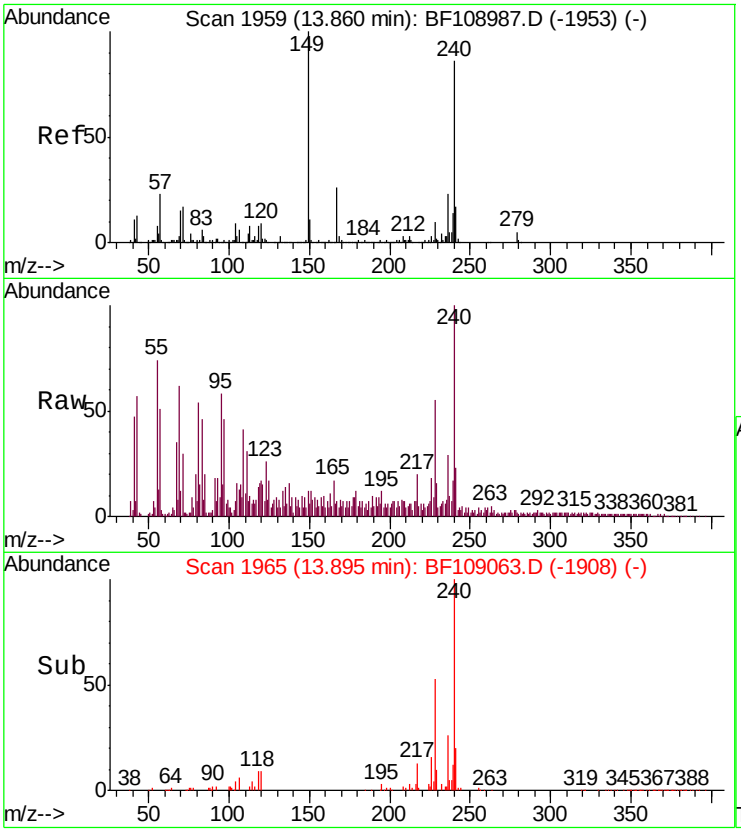


#74
Fluoranthene
Concen: 29.179 ng
RT: 12.49 min Scan# 1727
Delta R.T. 0.06 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:202 Resp: 270863

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	26.1	0.0	38.1



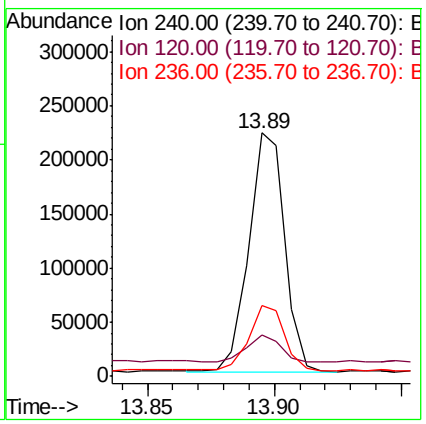


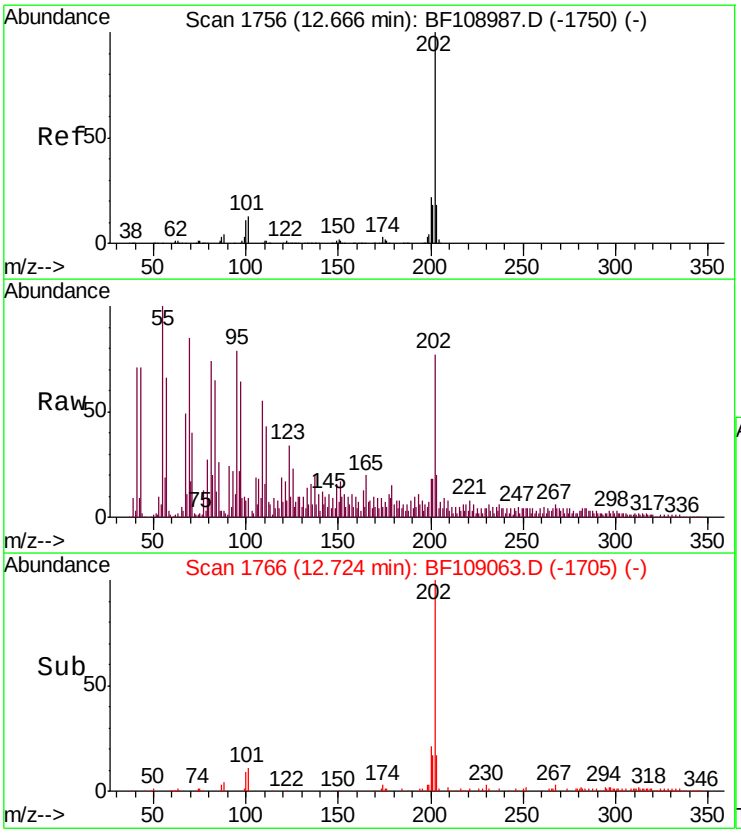
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 1965
Delta R.T. 0.04 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:240 Resp: 215612

Ion	Ratio	Lower	Upper
240	100		
120	17.1	9.5	14.3#
236	28.8	20.7	31.1

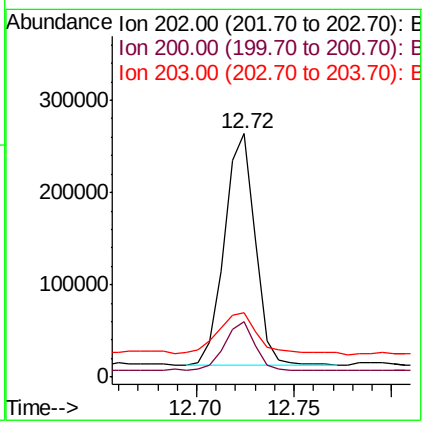


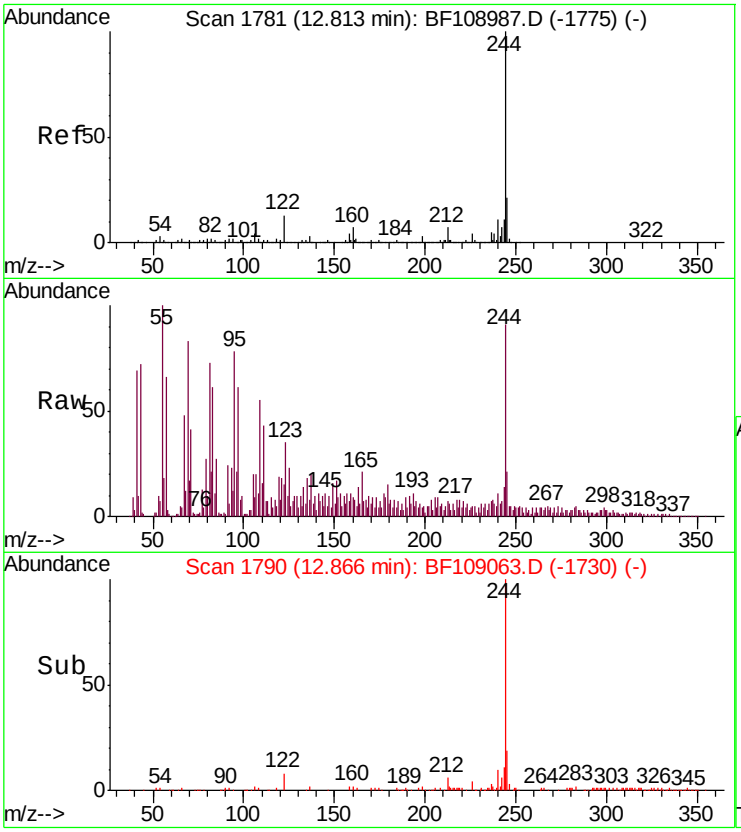


#77
Pyrene
Concen: 17.025 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.06 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:202 Resp: 272663

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.4	26.2
203	26.3	14.3	21.5#



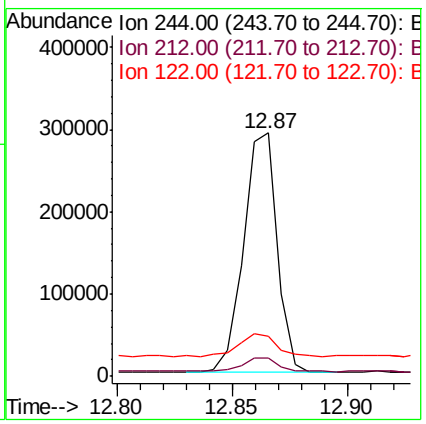


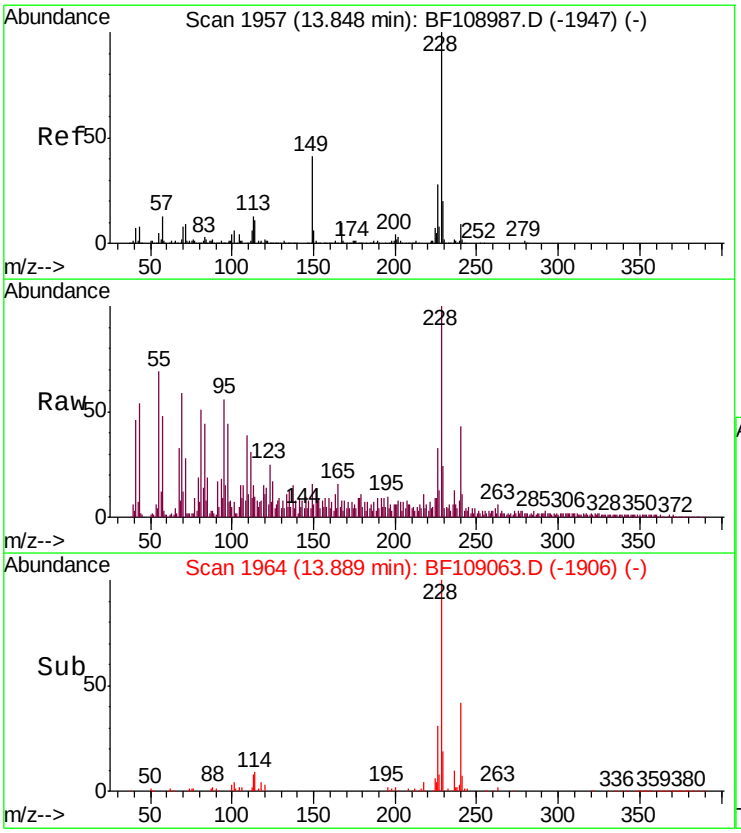
#78
Terphenyl-d14
Concen: 32.451 ng
RT: 12.87 min Scan# 1790
Delta R.T. 0.05 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:244 Resp: 295191

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	16.6	11.0	16.4#

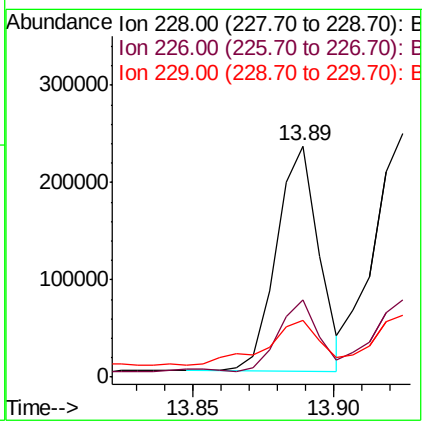


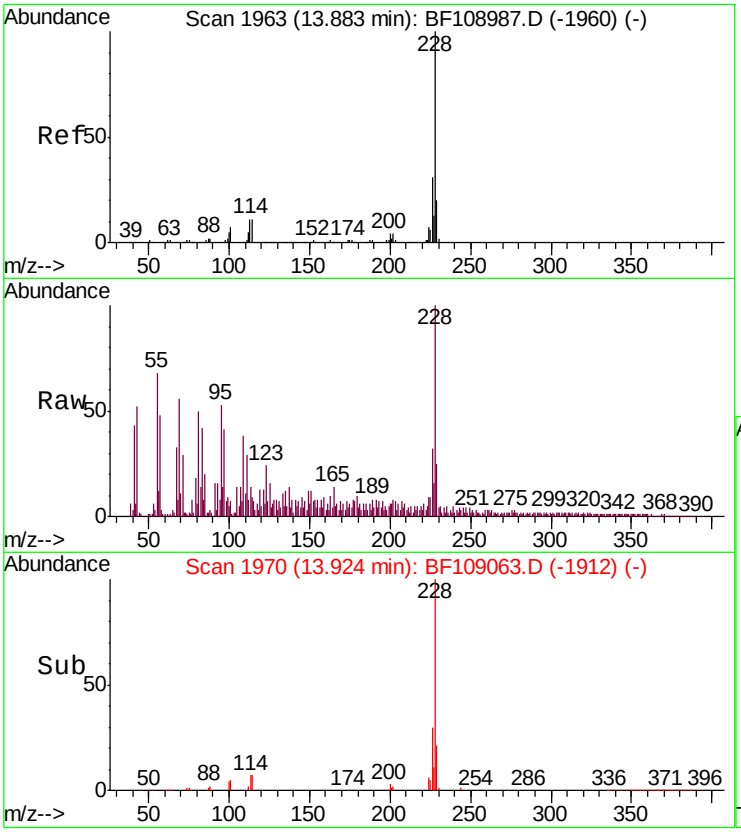


#80
Benzo(a)anthracene
Concen: 18.437 ng
RT: 13.89 min Scan# 1964
Delta R.T. 0.04 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:228 Resp: 240672

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	24.5	15.8	23.6#



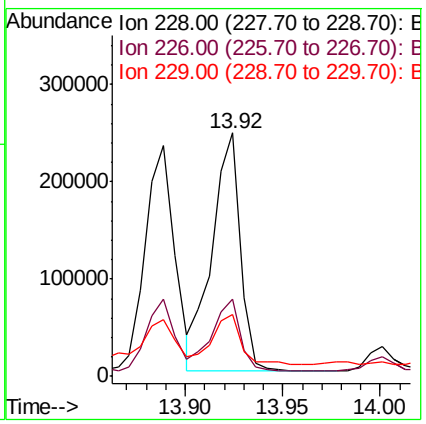


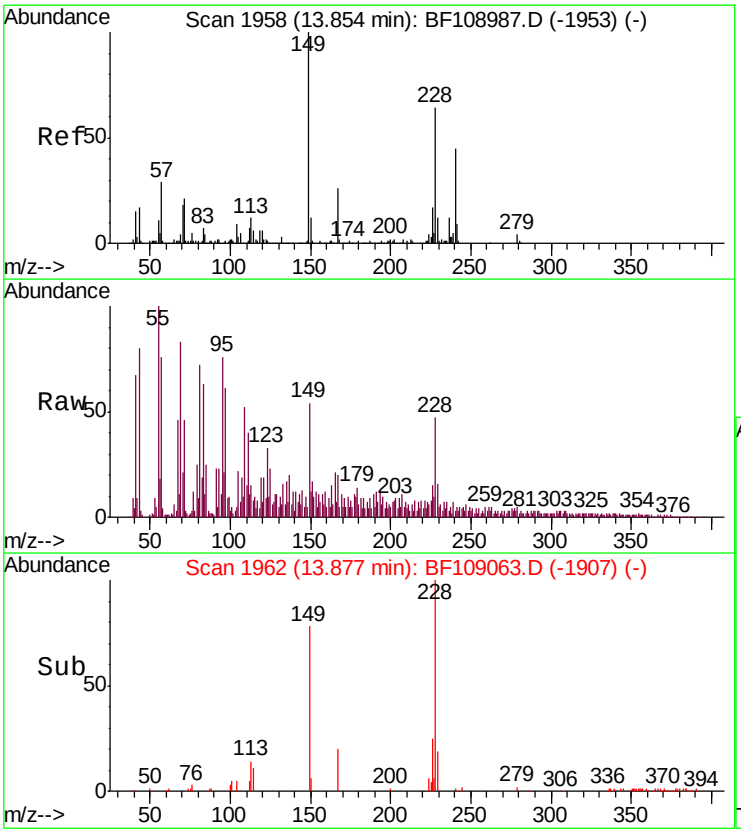
#82
Chrysene
Concen: 18.943 ng
RT: 13.92 min Scan# 1970
Delta R.T. 0.04 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:228 Resp: 247398

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	25.3	16.2	24.4#

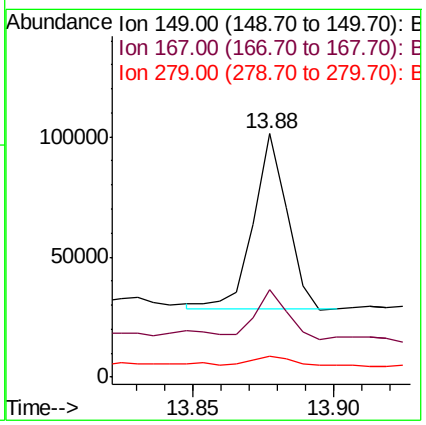


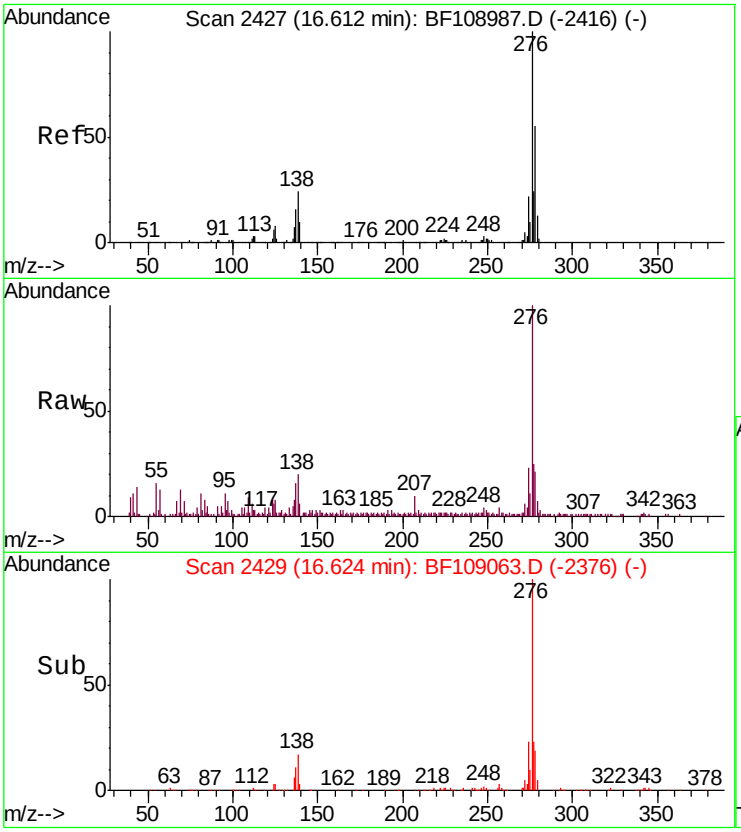


#83
Bis(2-ethylhexyl)phthalate
Concen: 7.042 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:149 Resp: 60993

Ion	Ratio	Lower	Upper
149	100		
167	36.1	21.3	31.9#
279	8.5	3.0	4.4#



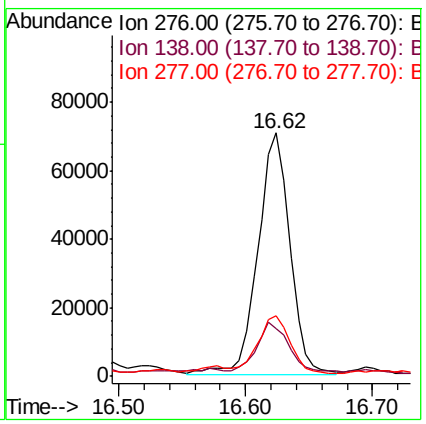


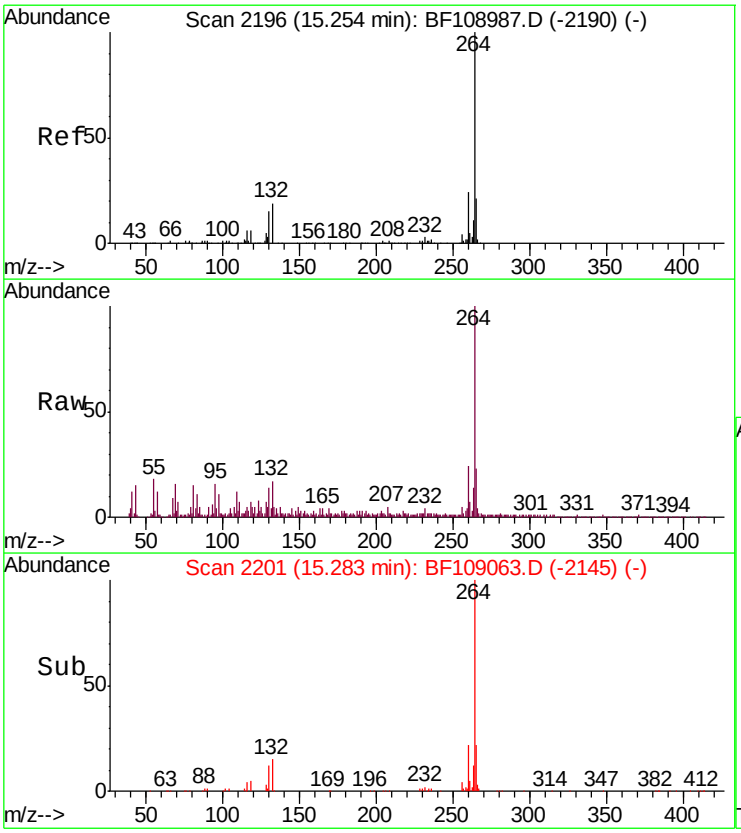
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.840 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:276 Resp: 123634

Ion	Ratio	Lower	Upper
276	100		
138	20.0	25.0	37.6#
277	24.8	20.1	30.1

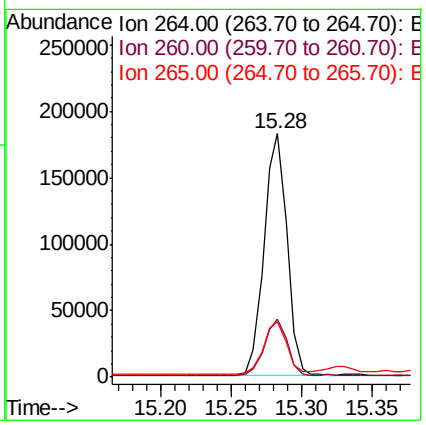


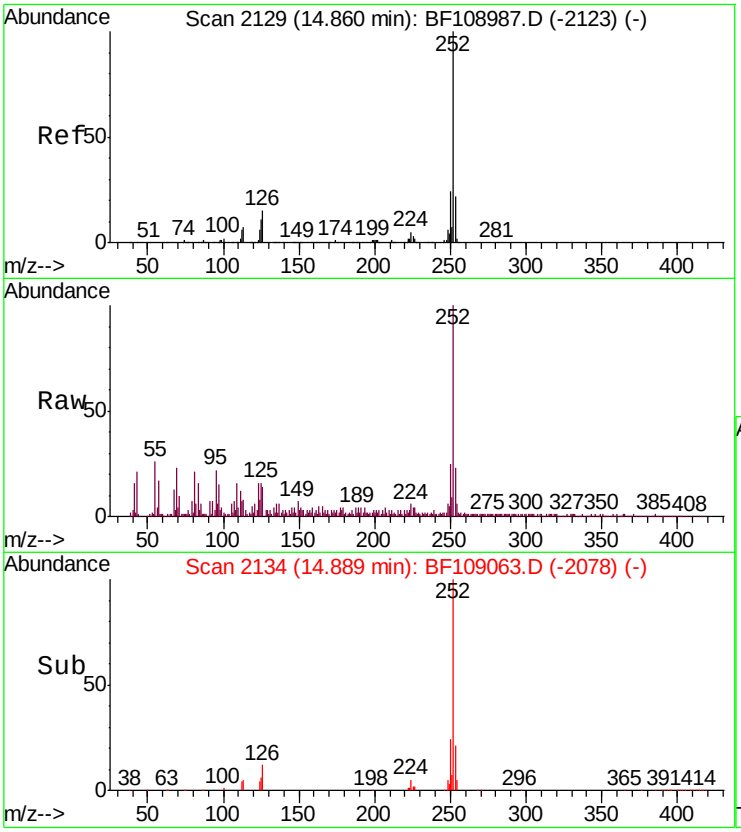


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.03 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:264 Resp: 210254

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.9	17.5	26.3



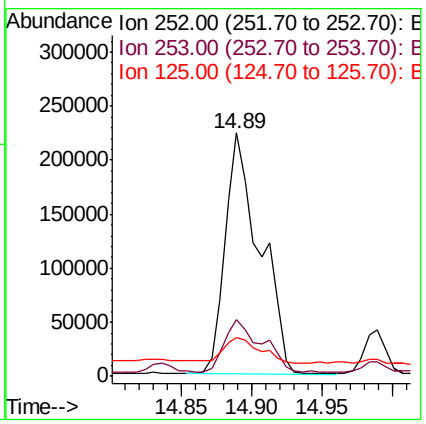


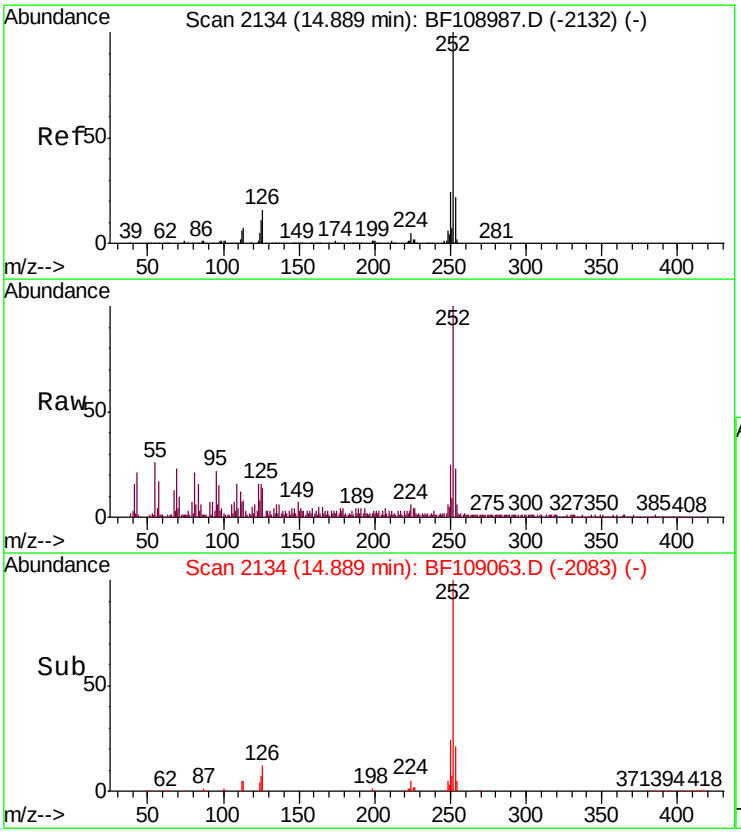
#87
Benzo(b)fluoranthene
Concen: 32.928 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.03 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:252 Resp: 383014

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	15.8	9.0	13.6#

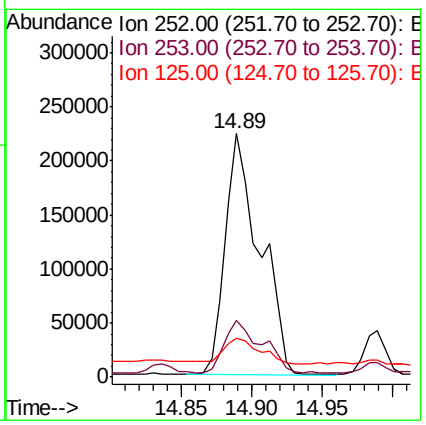


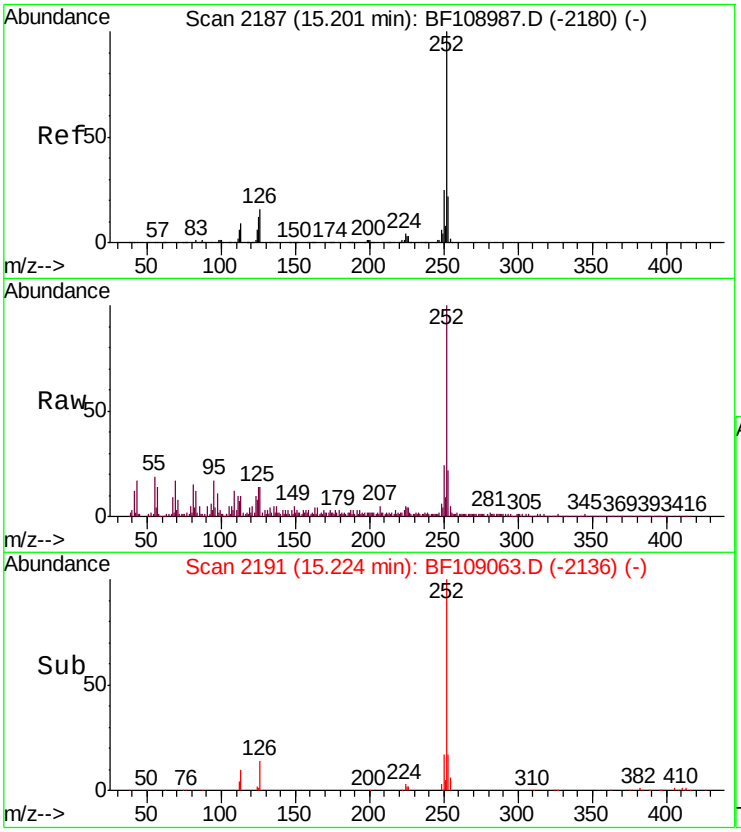


#88
Benzo(k)fluoranthene
Concen: 35.255 ng
RT: 14.89 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:252 Resp: 383014

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	15.8	10.2	15.2#



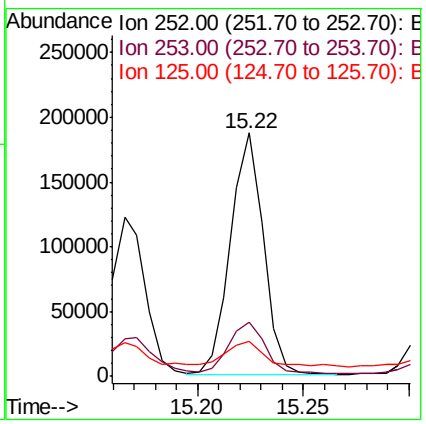


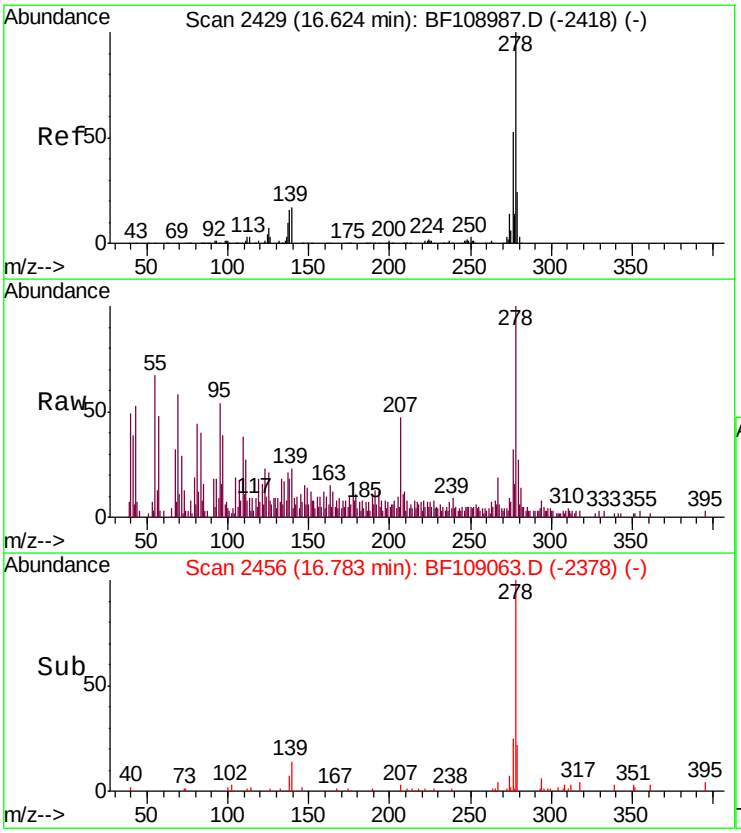
#89
Benzo(a)pyrene
Concen: 19.374 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.02 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:252 Resp: 200134

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.4	9.8	14.6

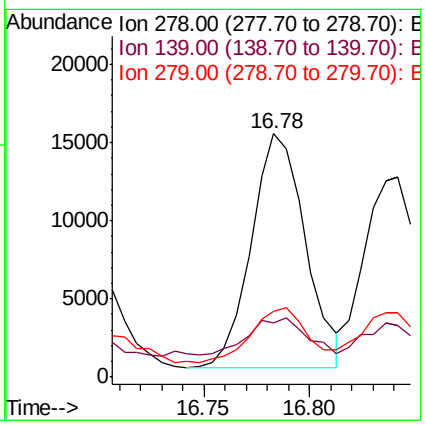


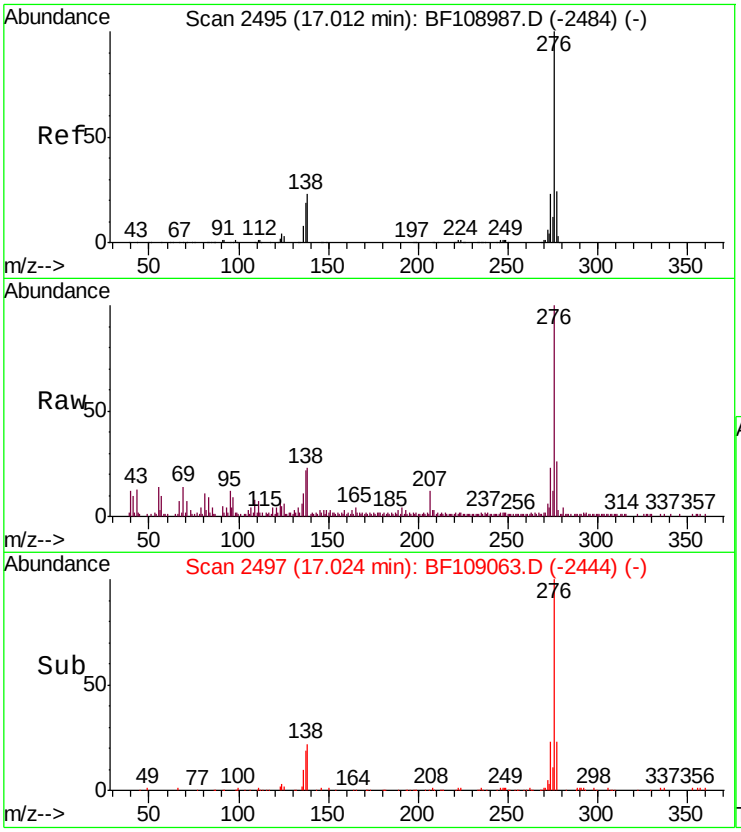


#90
Dibenzo(a,h)anthracene
Concen: 3.080 ng
RT: 16.78 min Scan# 2456
Delta R.T. 0.16 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Tgt Ion:278 Resp: 26728

Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	27.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 12.844 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF109063.D
Acq: 17 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
PHASE-1

Tgt Ion:276 Resp: 111439

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	23.2	21.8	32.8