Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
Data File : BF111790.D
Acq On : 28 Dec 2018 15:57
Operator : JU/SJ
Sample : J6195-11 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-122618-A

Quant Time: Dec 29 01:10:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	165535	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	625092	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	282279	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	441701	20.00	ng		0.01
76) Chrysene-d12	14.07	240	366414	20.00	ng		0.02
87) Perylene-d12	15.56	264	295968	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	452458	46.59	ng		0.02
7) Phenol-d6	6.54	99	592623	47.95	ng		0.02
23) Nitrobenzene-d5	7.46	82	372749	34.71	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	141331	42.37	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	679440	35.08	ng		0.00
79) Terphenyl-d14	13.01	244	527177	27.28	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	40416	2.898	ng		97
25) Isophorone	7.46	82	365789	19.187	ng	#	64
31) Naphthalene	8.20	128	141724	4.719	ng		96
37) 2-Methylnaphthalene	8.90	142	68722	3.517	ng		100
38) 1-Methylnaphthalene	8.90	142	68722	3.662	ng		96
50) Dimethylphthalate	9.65	163	116044	5.622	ng	#	97
52) Acenaphthene	9.97	154	109137	6.419	ng		97
54) 2,4-Dinitrophenol	10.22	184	106	7.380	ng	#	12
55) Dibenzofuran	10.15	168	134659	5.243	ng		96
58) Fluorene	10.49	166	164911	8.910	ng		99
65) 4,6-Dinitro-2-methylphenol	10.73	198	277	6.823	ng	#	1
71) Phenanthrene	11.45	178	1029864	43.964	ng		94
72) Anthracene	11.50	178	346054	14.718	ng		94
73) Carbazole	11.65	167	74718	3.273	ng		93
75) Fluoranthene	12.64	202	1154610	48.674	ng		96
78) Pyrene	12.87	202	959010	37.063	ng		97
81) Benzo(a)anthracene	14.06	228	481492	23.026	ng		99
83) Chrysene	14.09	228	398044	19.367	ng		97
86) Indeno(1,2,3-cd)pyrene	17.06	276	164939	9.440	ng	#	84
88) Benzo(b)fluoranthene	15.12	252	604325	34.937	ng		96
89) Benzo(k)fluoranthene	15.12	252	604325	36.697	ng		97
90) Benzo(a)pyrene	15.43	252	195246	12.424	ng		95
91) Dibenzo(a,h)anthracene	17.07	278	38308	2.784	ng	#	90
92) Benzo(g,h,i)perylene	17.52	276	144412	10.747	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
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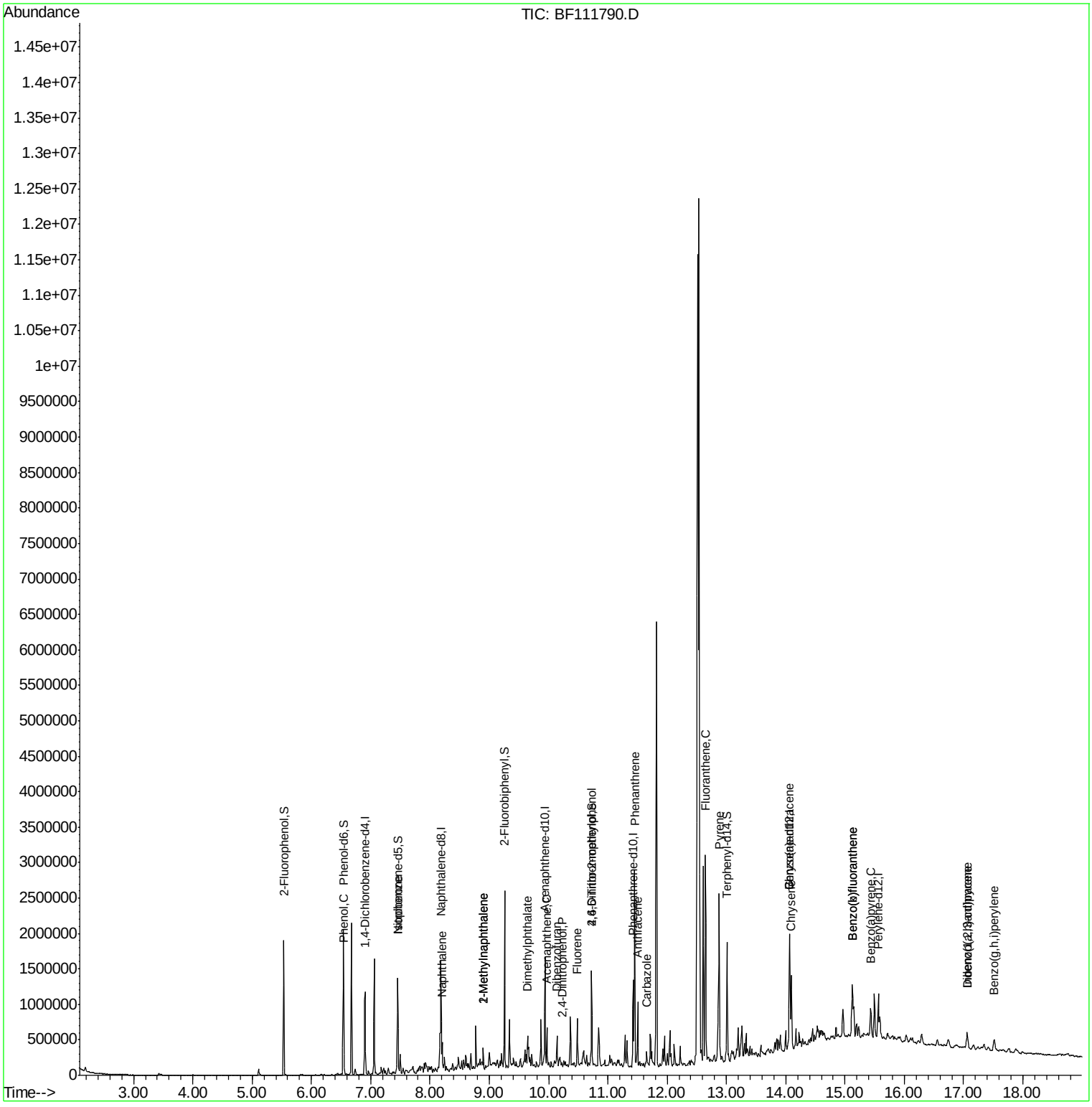
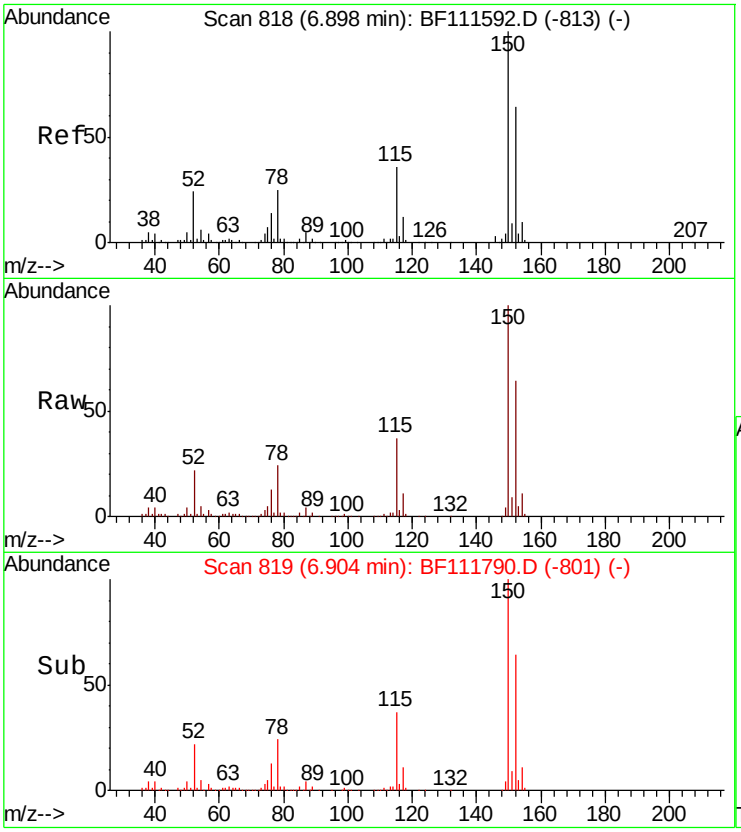
Acq On : 28 Dec 2018 15:57
Operator : JU/SJ
Sample : J6195-11 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Quant Time: Dec 29 01:10:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



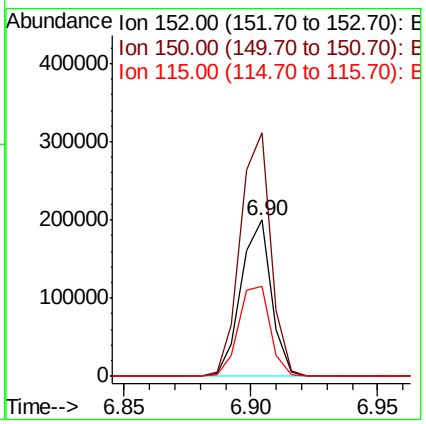


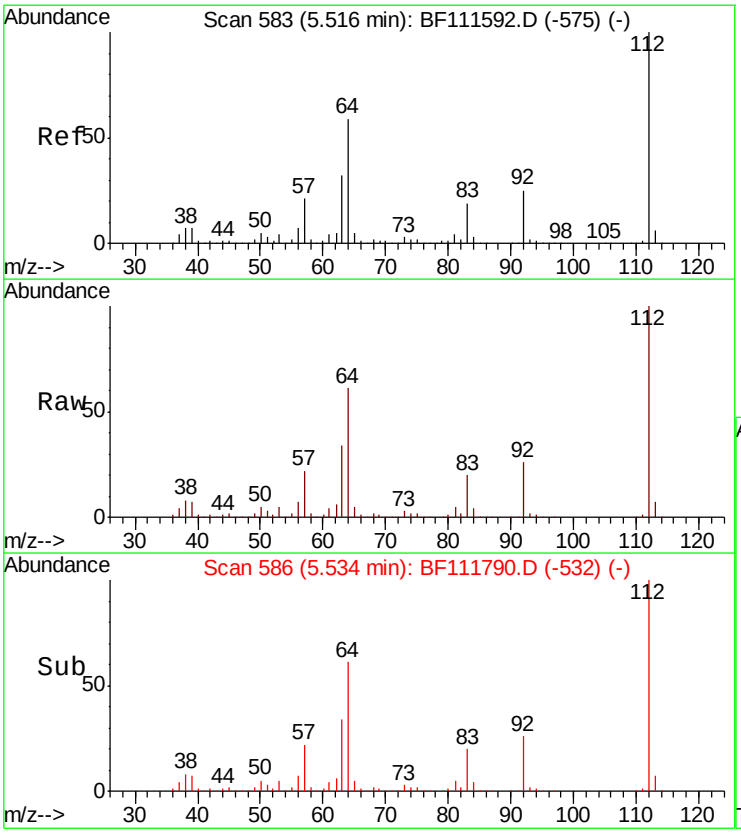
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:152 Resp: 165535

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	57.9	50.7	76.1

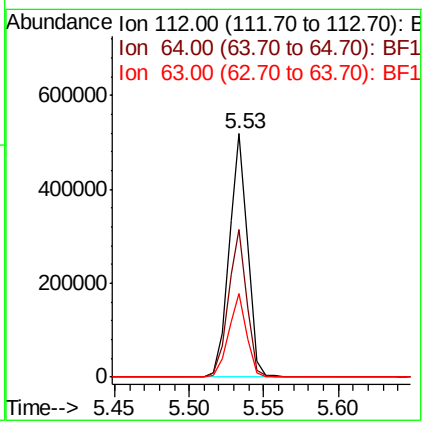


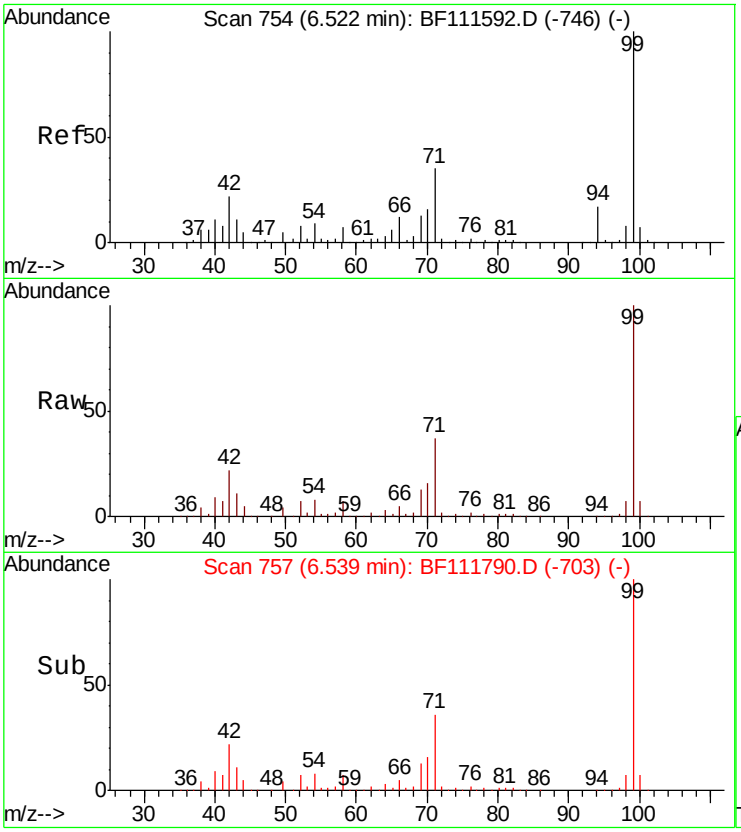


#5
2-Fluorophenol
Concen: 46.590 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:112 Resp: 452458

Ion	Ratio	Lower	Upper
112	100		
64	60.8	51.8	77.6
63	34.2	26.8	40.2



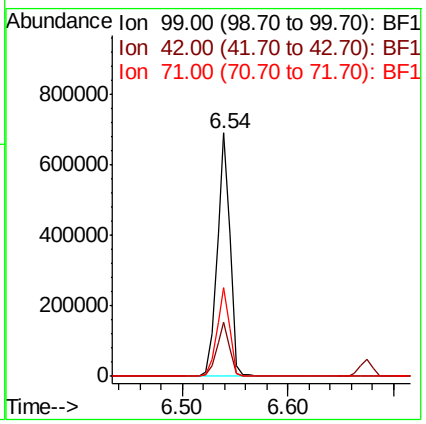


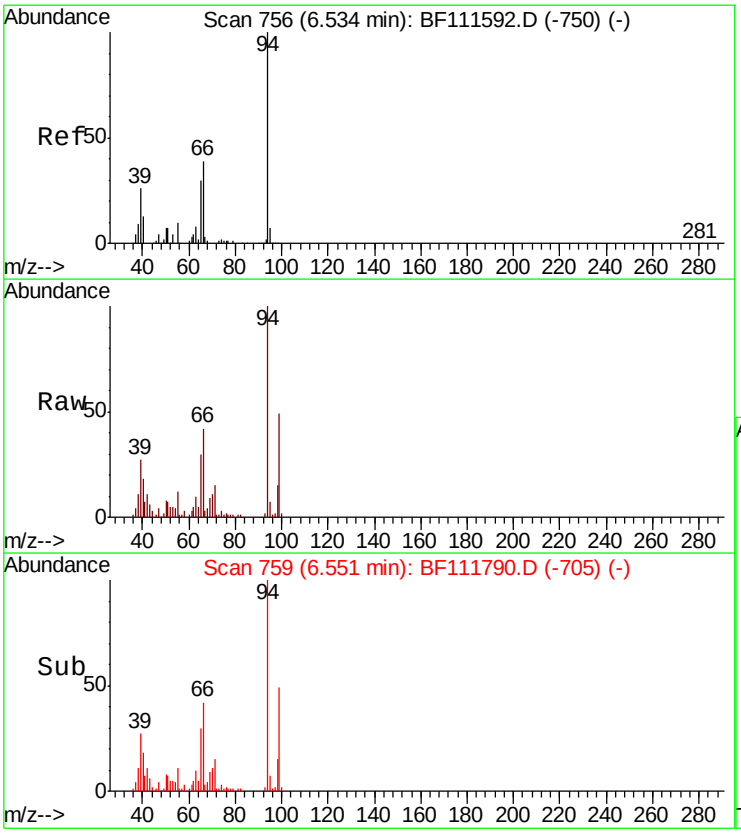
#7
Phenol-d6
Concen: 47.950 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 99 Resp: 592623

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	36.5	26.1	39.1

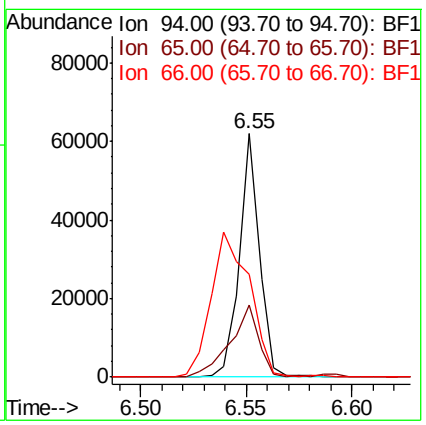


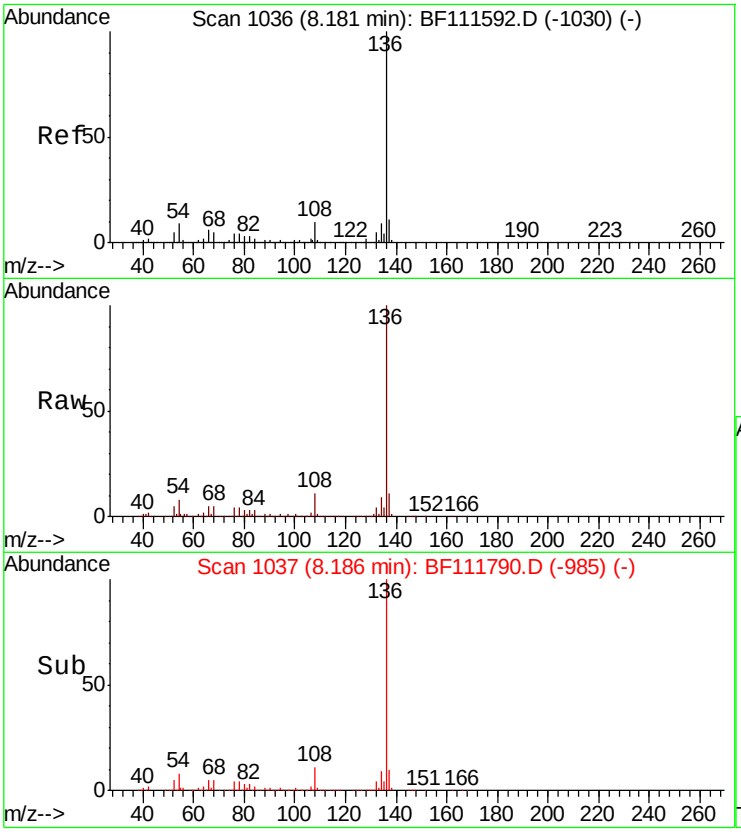


#10
Phenol
Concen: 2.898 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion: 94 Resp: 40416

Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.7	51.7
66	42.3	21.0	61.0



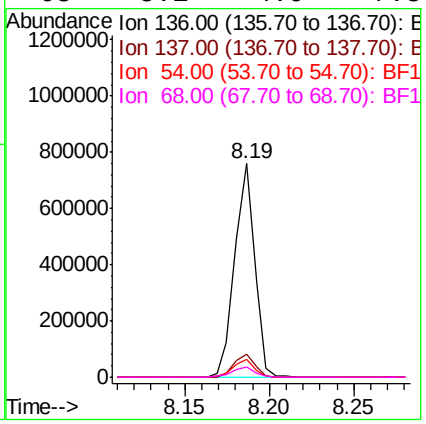


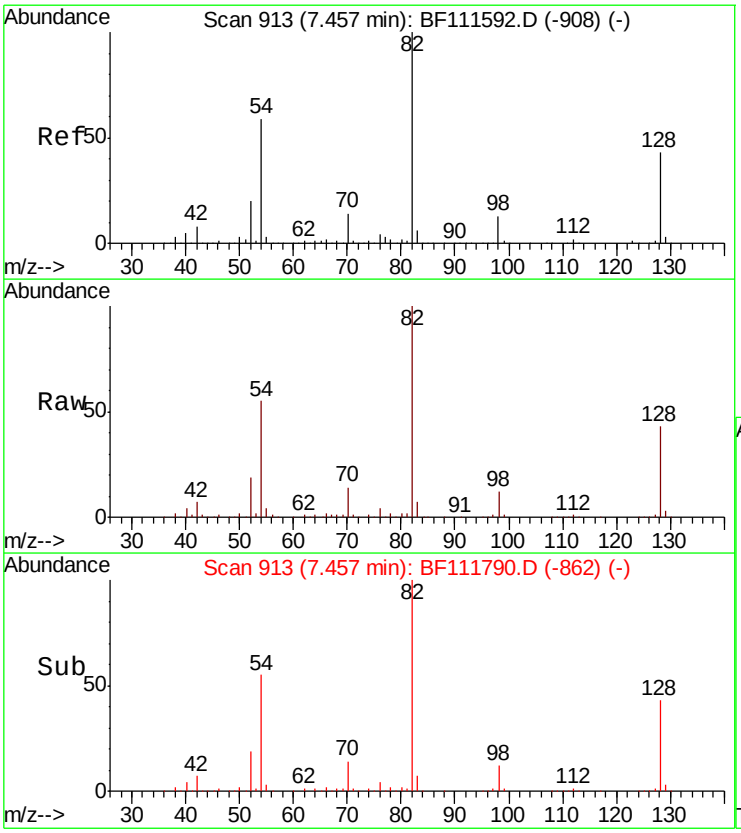
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:136 Resp: 625092

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.4	7.7	11.5
68	5.1	4.9	7.3

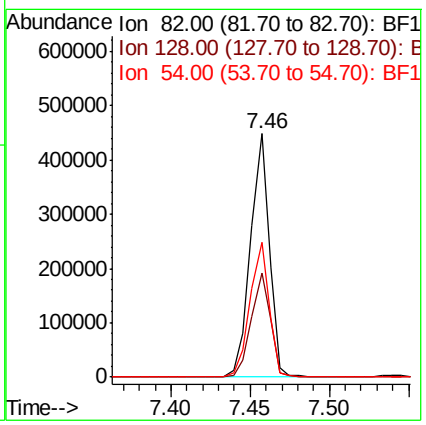


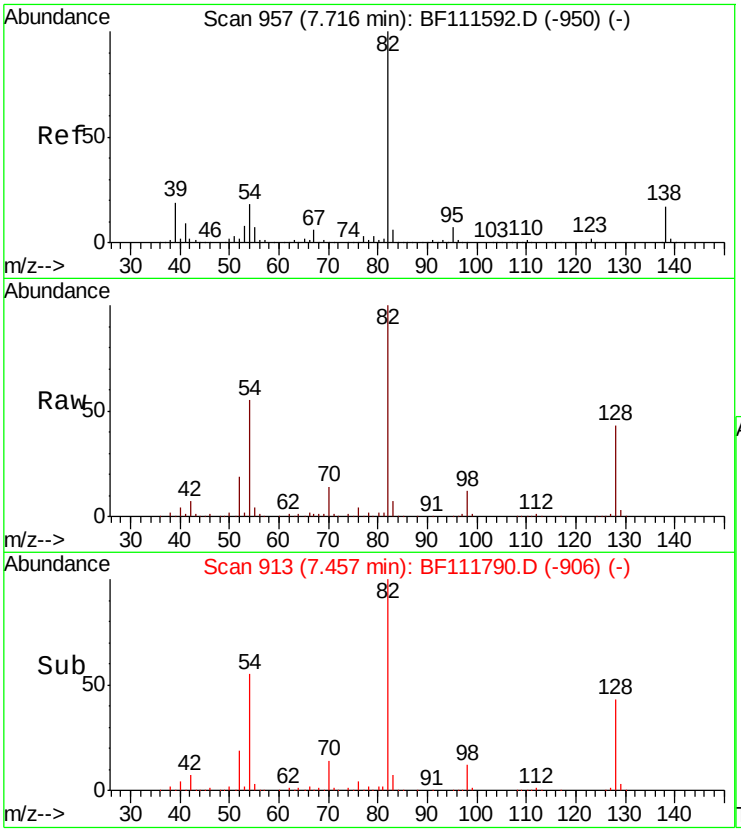


#23
Nitrobenzene-d5
Concen: 34.710 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion: 82 Resp: 372749

Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.4	56.2
54	55.4	47.6	71.4



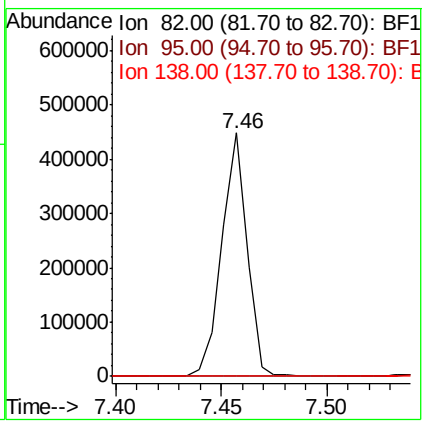


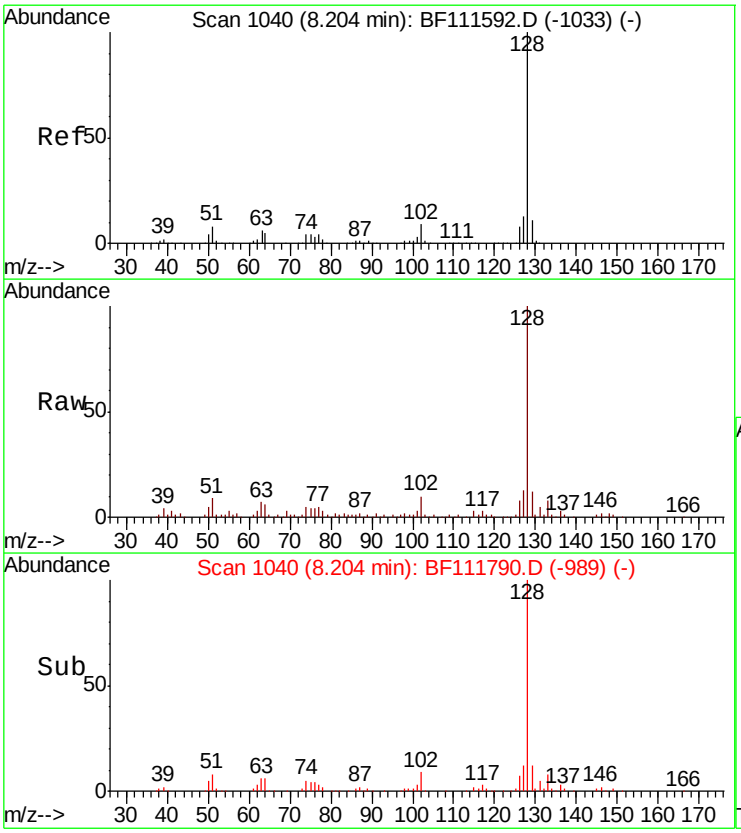
#25
Isophorone
Concen: 19.187 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 82 Resp: 365789

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.4	8.2#
138	0.0	15.1	22.7#

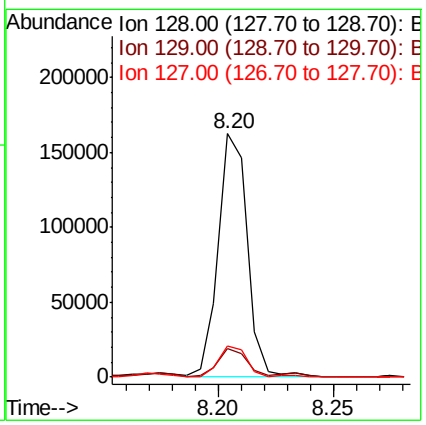


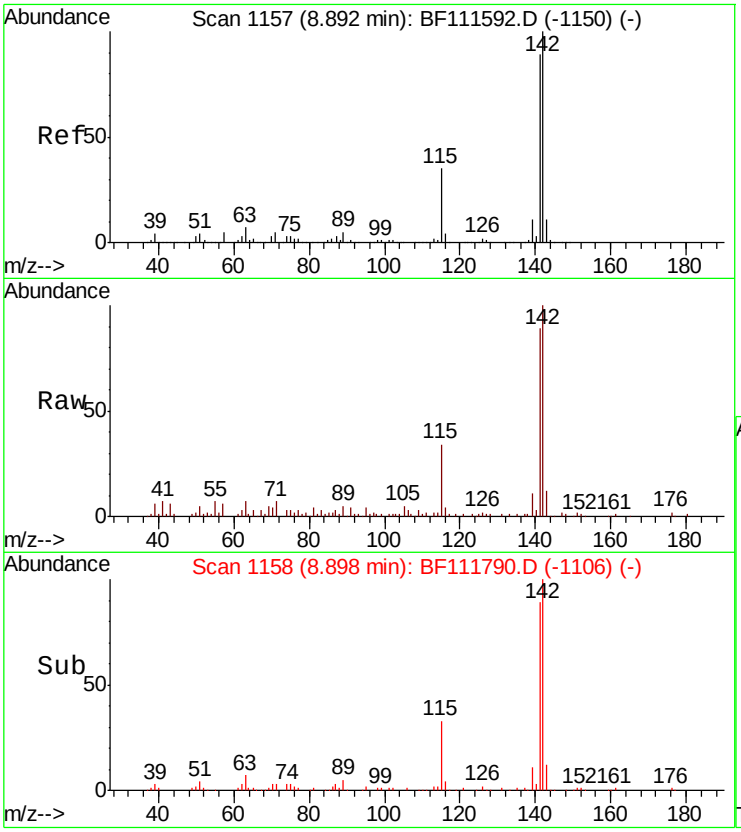


#31
Naphthalene
Concen: 4.719 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:128 Resp: 141724

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	12.6	12.0	18.0



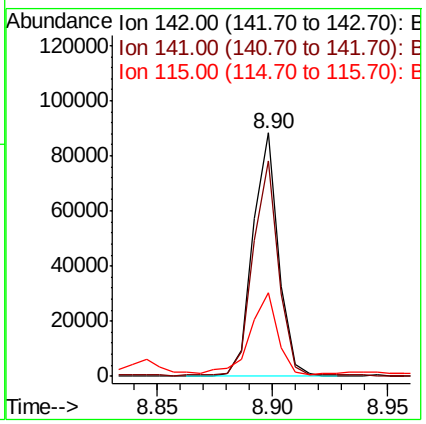


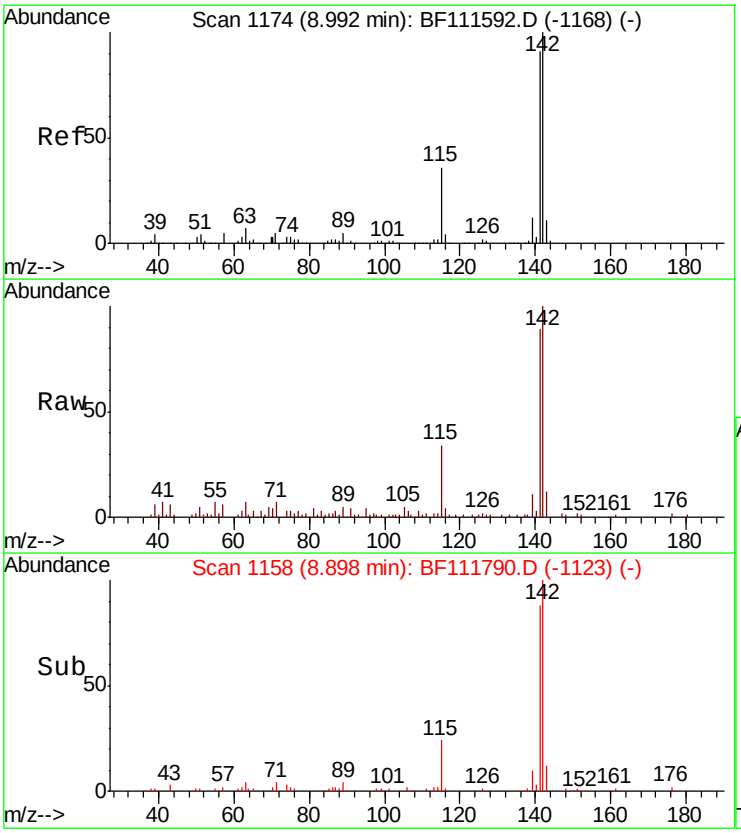
#37
2-Methylnaphthalene
Concen: 3.517 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:142 Resp: 68722

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	34.3	27.0	40.6

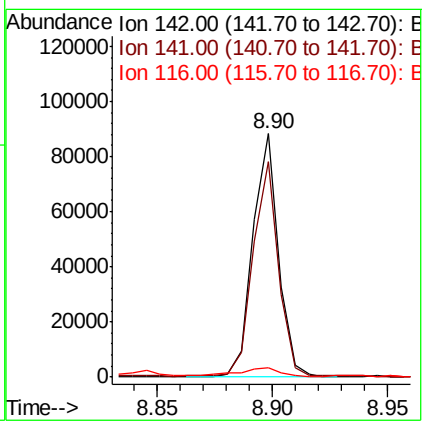


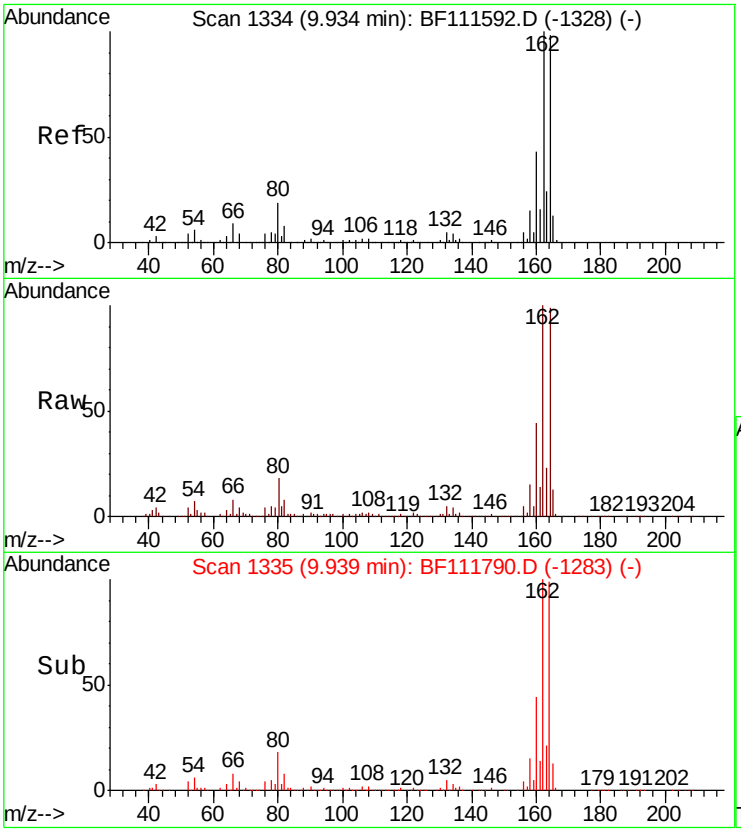


#38
1-Methylnaphthalene
Concen: 3.662 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.09 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:142 Resp: 68722

Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.2	111.4
116	3.8	2.9	4.3



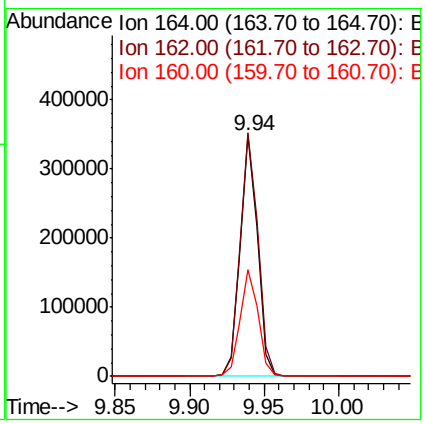


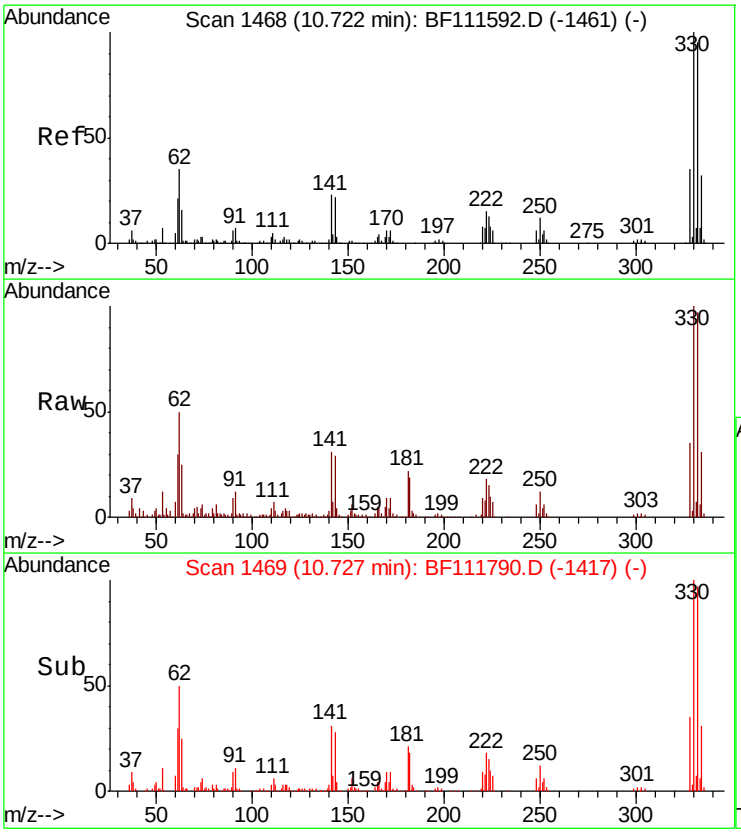
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:164 Resp: 282279

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.4	35.7	53.5

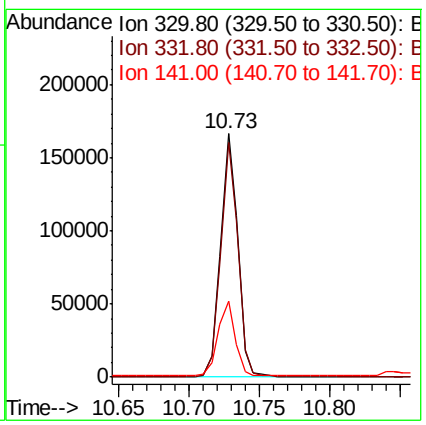


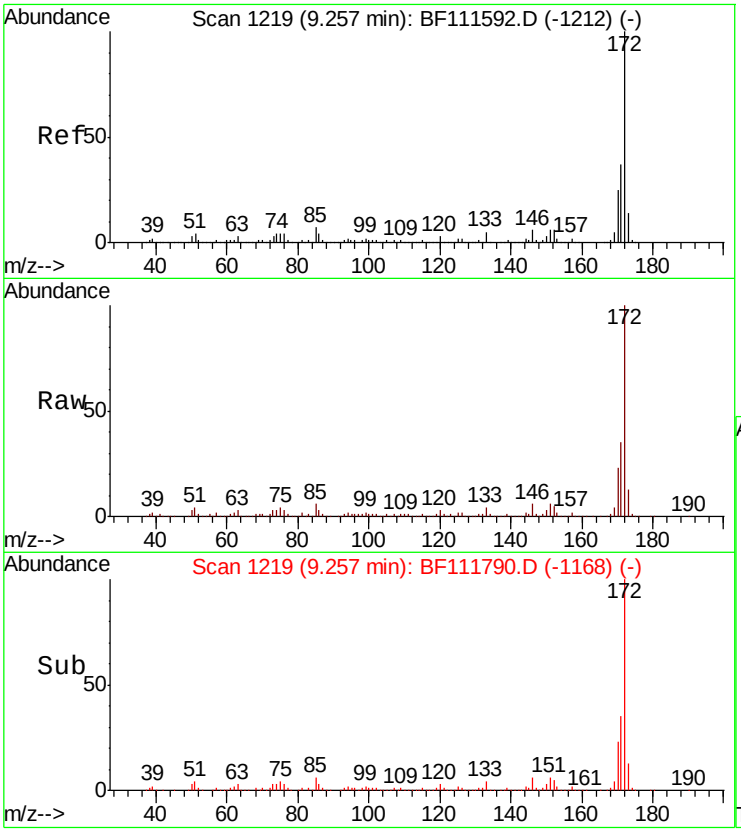


#42
2,4,6-Tribromophenol
Concen: 42.374 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:330 Resp: 141331

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	30.5	31.0	46.6#



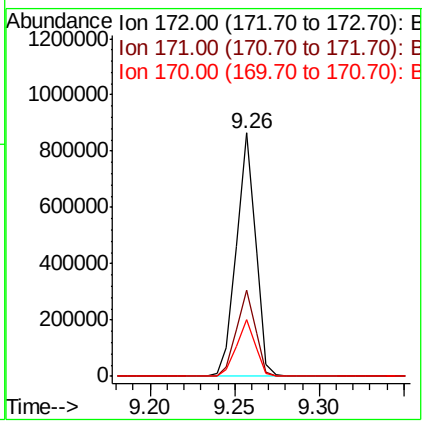


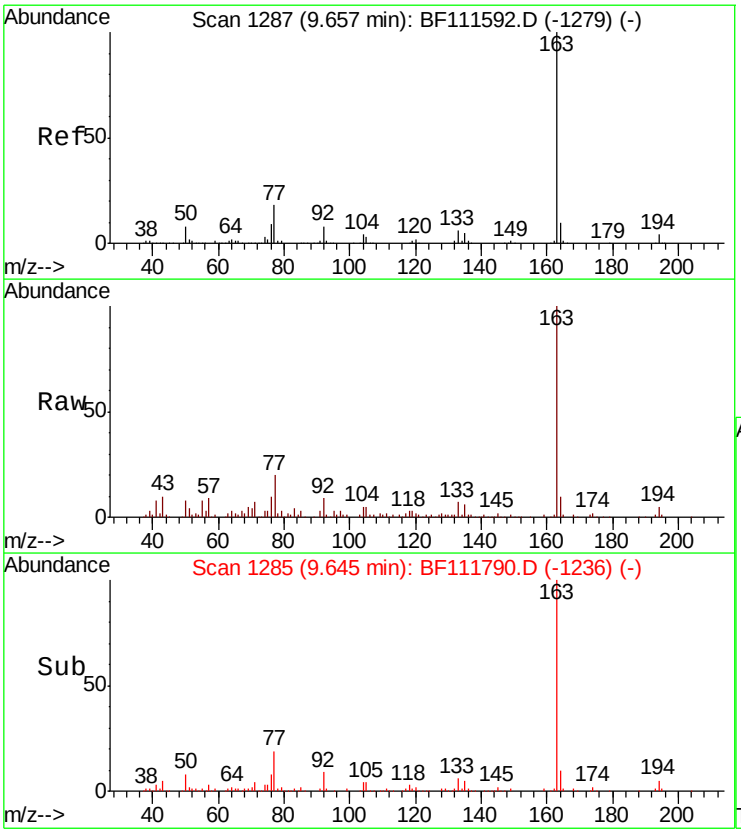
#45
2-Fluorobiphenyl
Concen: 35.084 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:172 Resp: 679440

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.2	22.3	33.5

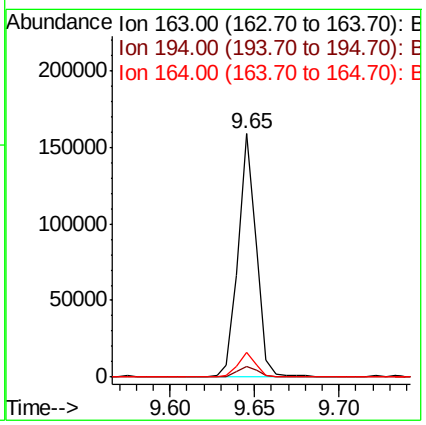


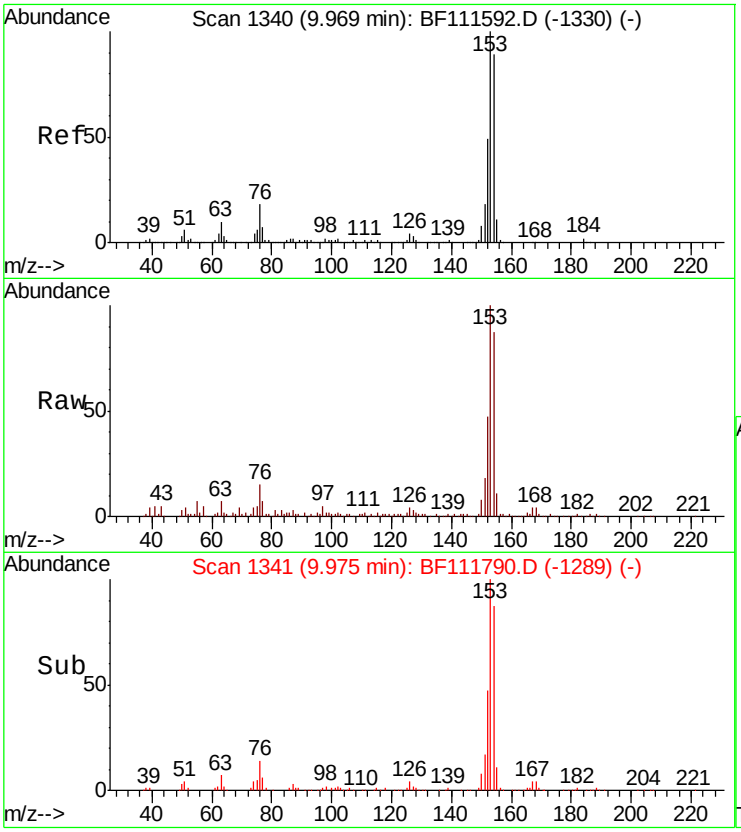


#50
Dimethylphthalate
Concen: 5.622 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:163 Resp: 116044

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	10.1	8.9	13.3



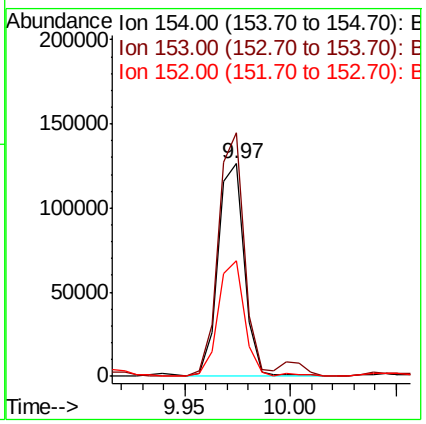


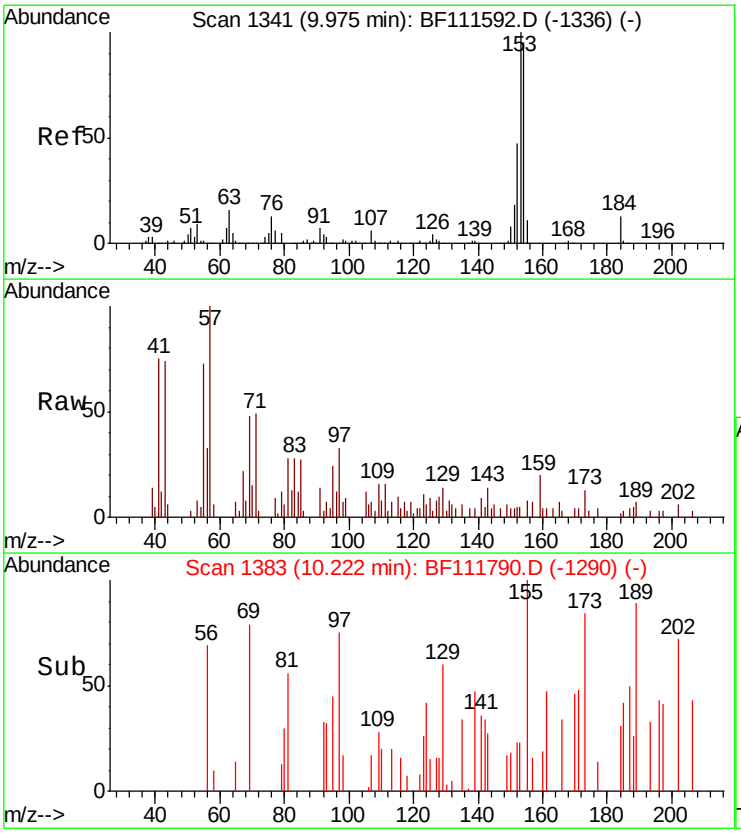
#52
Acenaphthene
Concen: 6.419 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:154 Resp: 109137

Ion	Ratio	Lower	Upper
154	100		
153	114.7	87.8	131.8
152	54.4	43.4	65.2

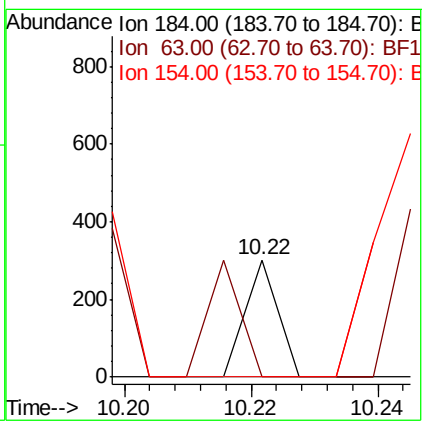


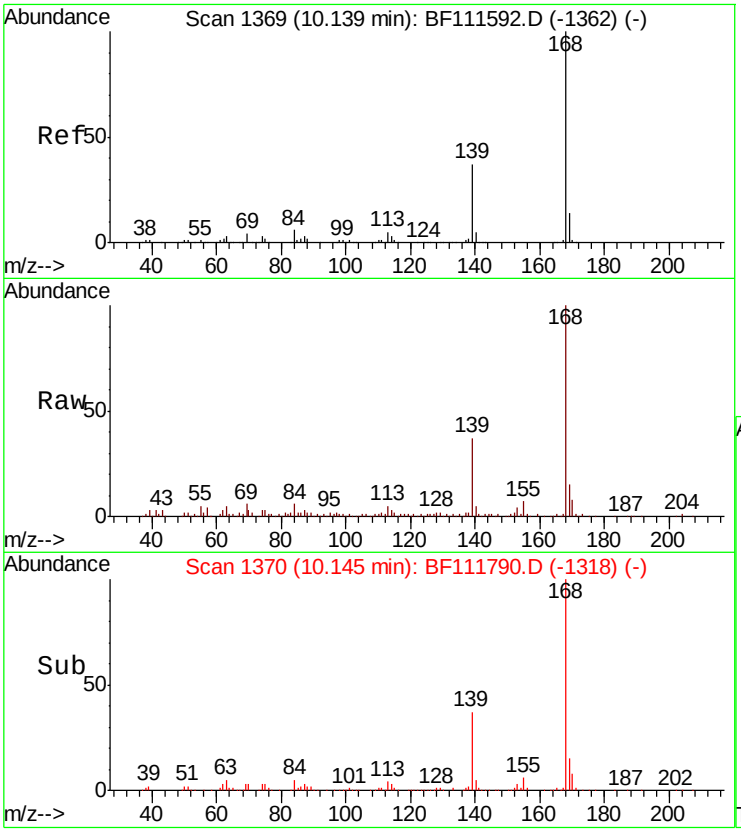


#54
2,4-Dinitrophenol
Concen: 7.380 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.25 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:184 Resp: 106

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.3	93.5#
154	0.0	56.2	84.2#



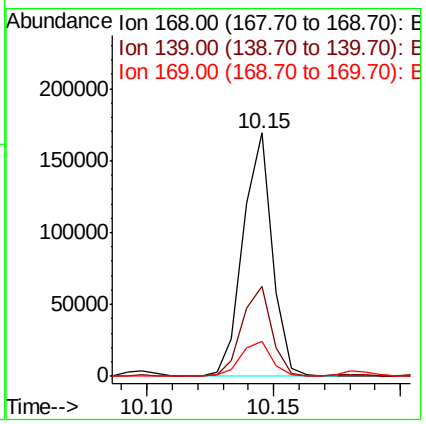


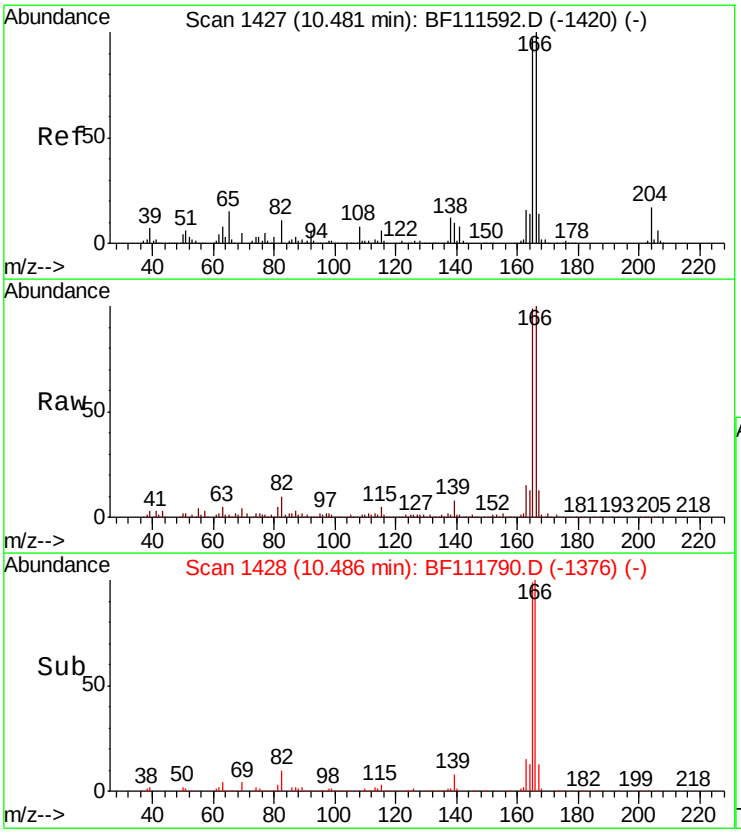
#55
Dibenzofuran
Concen: 5.243 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:168 Resp: 134659

Ion	Ratio	Lower	Upper
168	100		
139	37.1	32.6	49.0
169	14.5	11.8	17.6

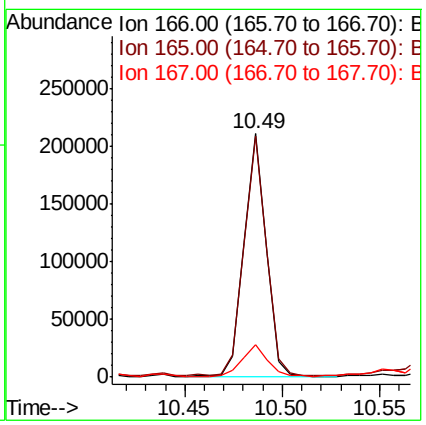


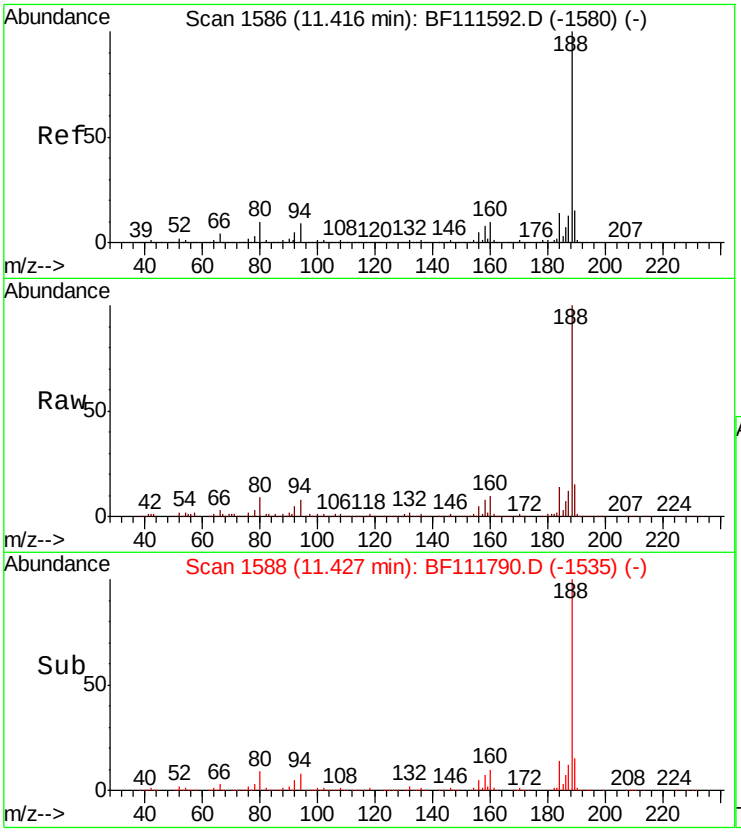


#58
Fluorene
Concen: 8.910 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:166 Resp: 164911

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.4	11.2	16.8



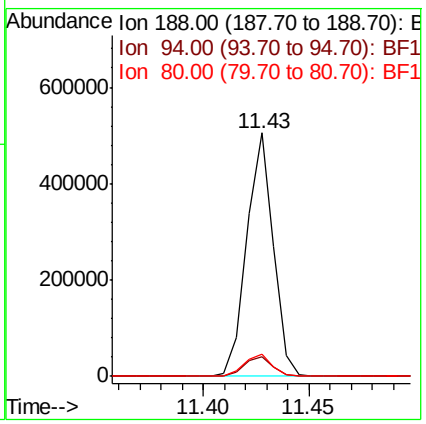


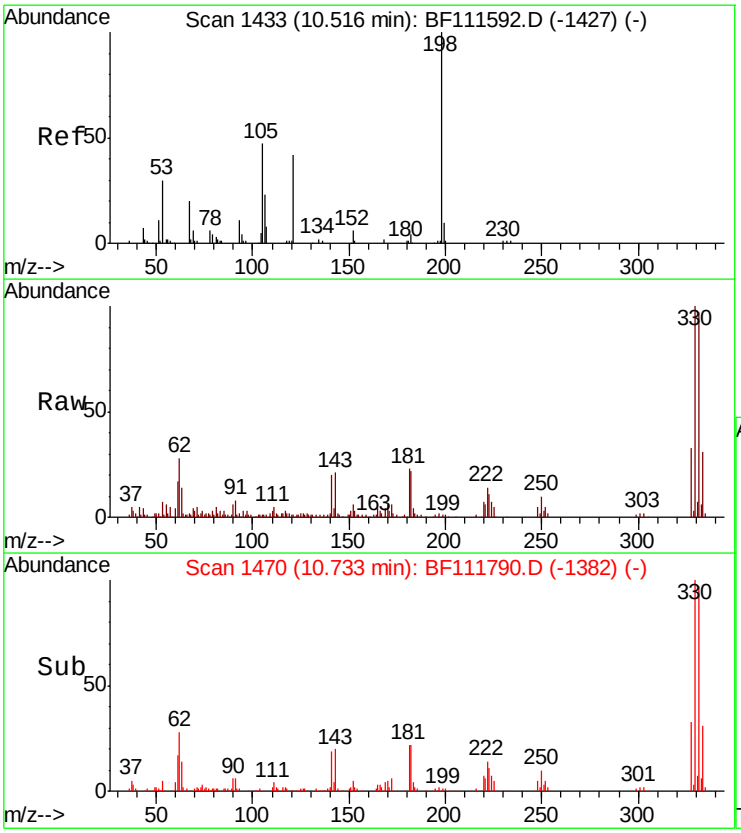
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:188 Resp: 441701

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	8.9	9.8	14.6#

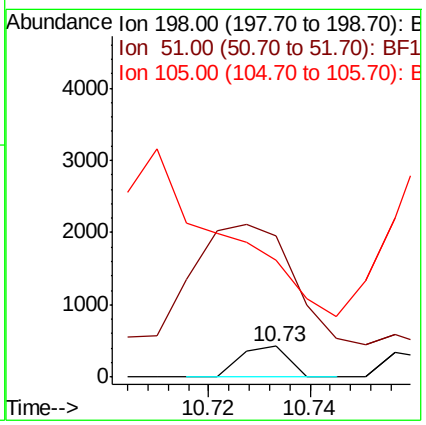


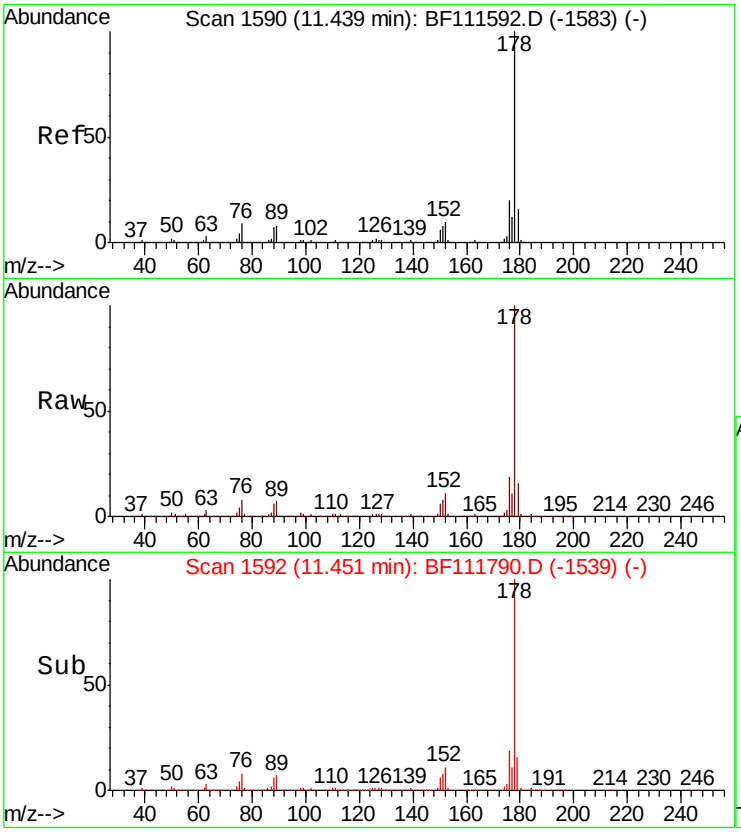


#65
4,6-Dinitro-2-methylphenol
Concen: 6.823 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.22 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:198 Resp: 277

Ion	Ratio	Lower	Upper
198	100		
51	454.1	48.0	88.0#
105	375.8	34.0	74.0#



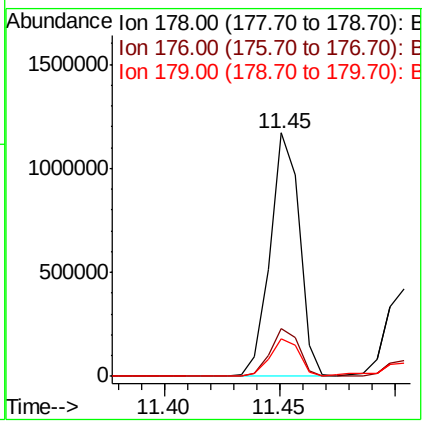


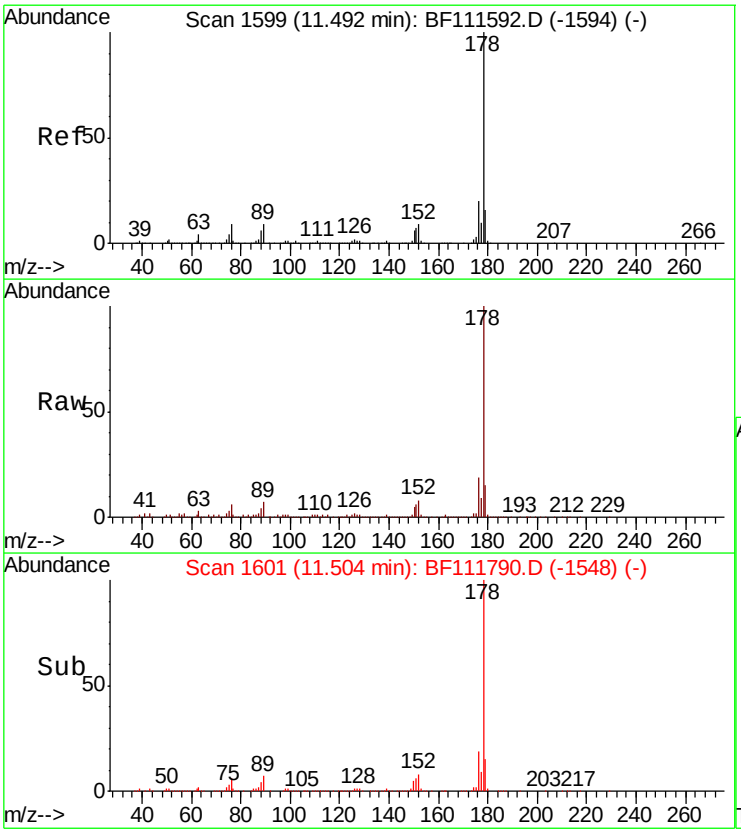
#71
Phenanthrene
Concen: 43.964 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:178 Resp: 1029864

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.6	14.0	21.0

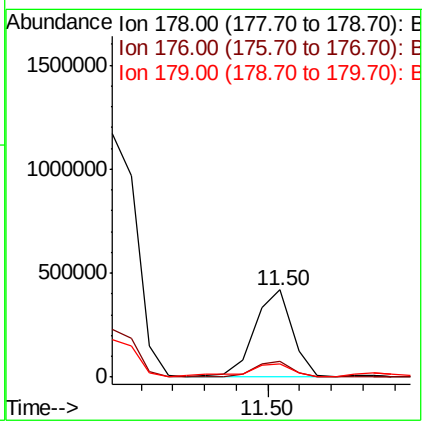


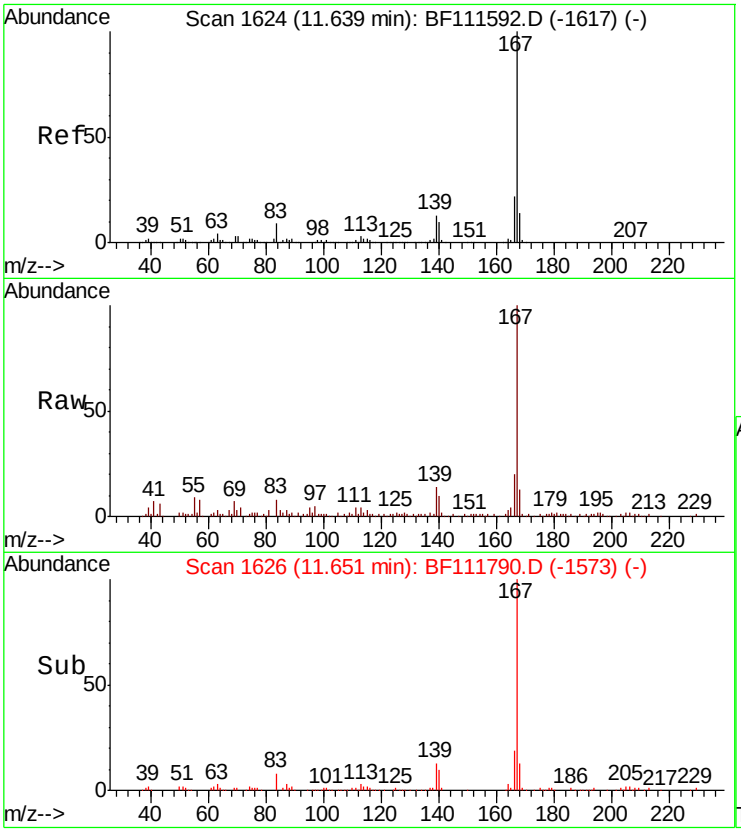


#72
Anthracene
Concen: 14.718 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:178 Resp: 346054

Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.2	25.8
179	15.2	13.8	20.8



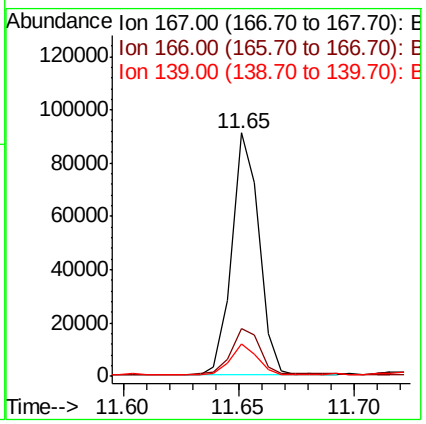


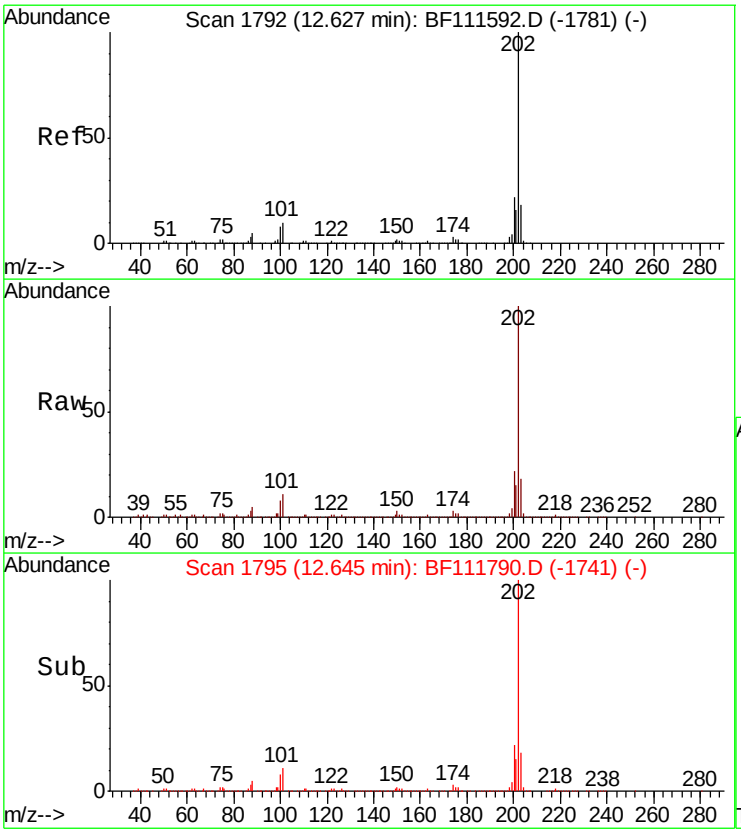
#73
Carbazole
Concen: 3.273 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:167 Resp: 74718

Ion	Ratio	Lower	Upper
167	100		
166	19.5	19.3	28.9
139	13.5	11.9	17.9

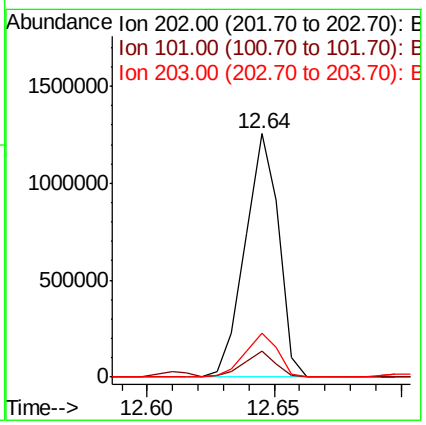


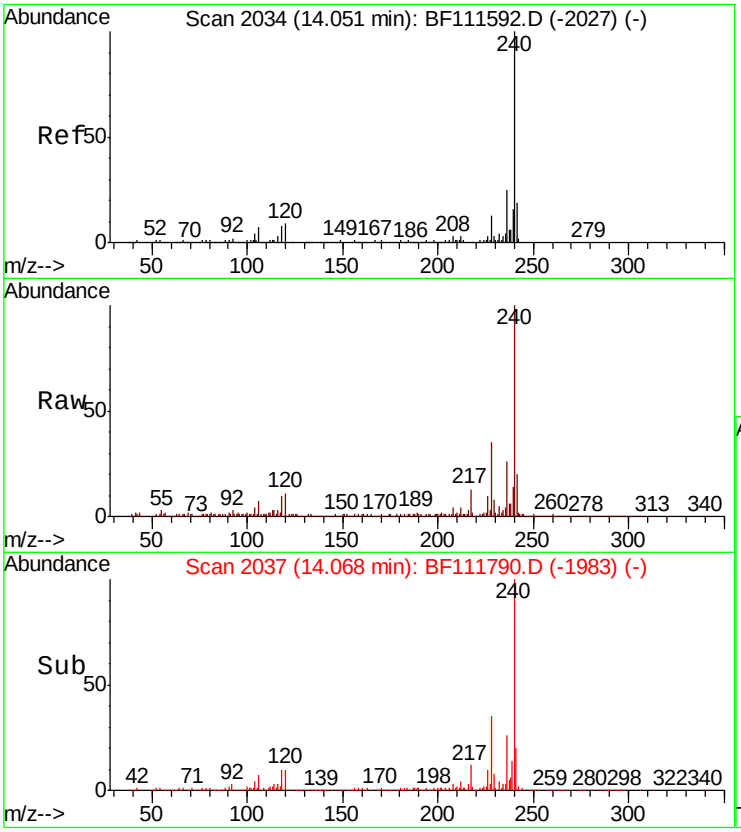


#75
Fluoranthene
Concen: 48.674 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:202 Resp: 1154610

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	17.8	0.0	38.6



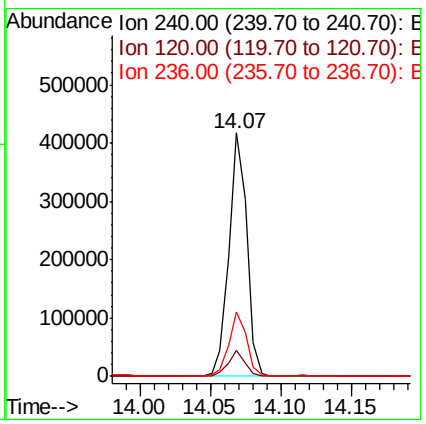


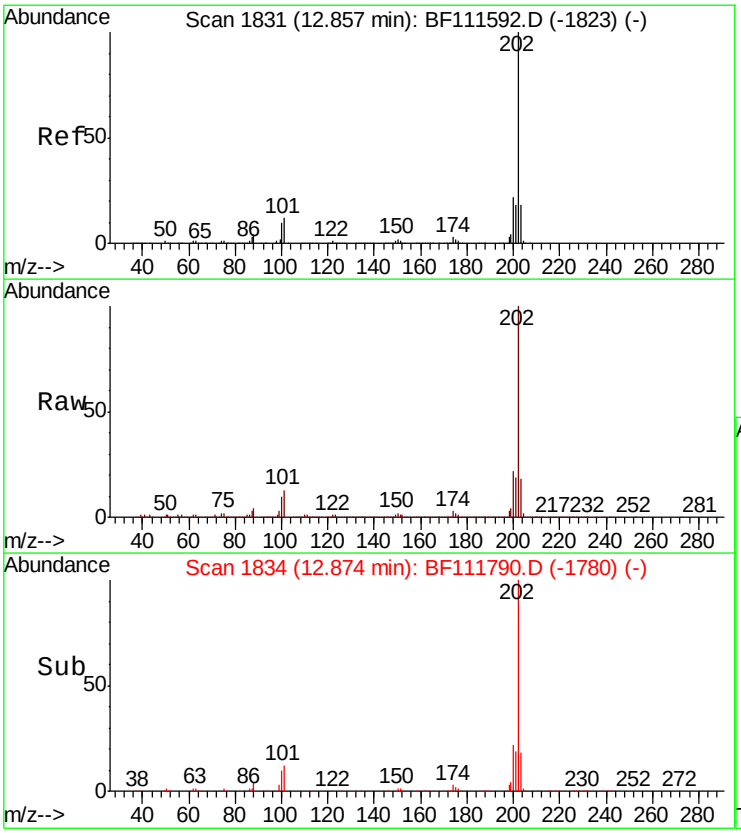
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:240 Resp: 366414

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.2	18.2#
236	26.5	20.2	30.2

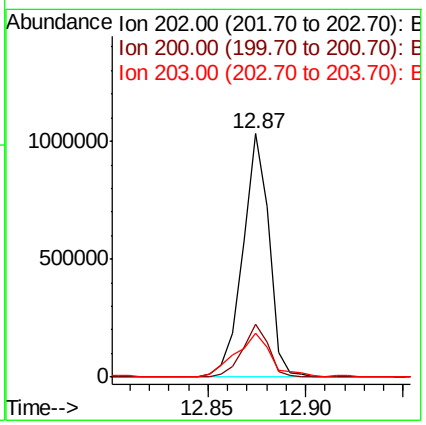


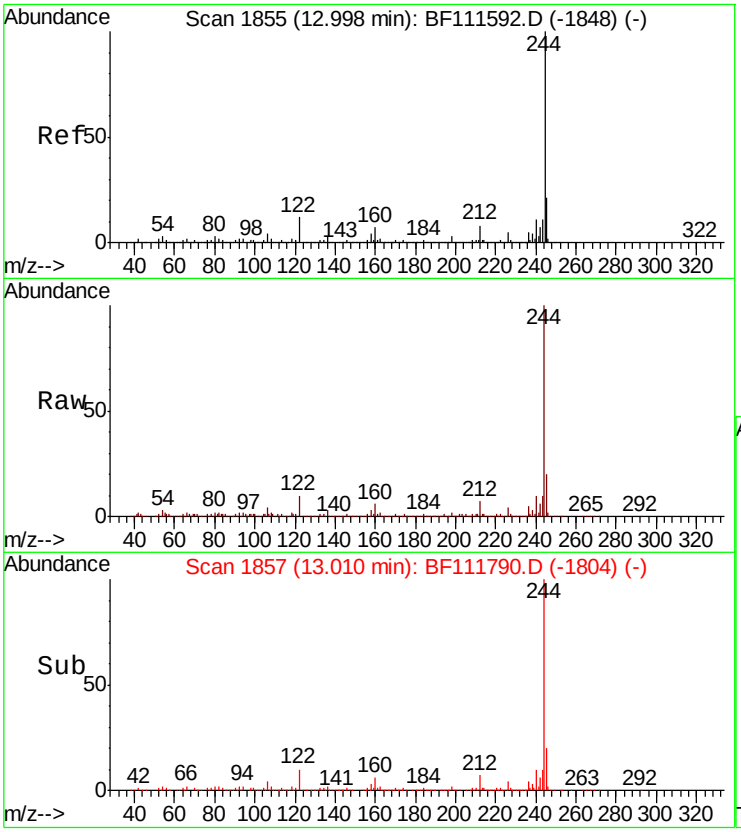


#78
Pyrene
Concen: 37.063 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:202 Resp: 959010

Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.0	28.4
203	17.9	15.2	22.8



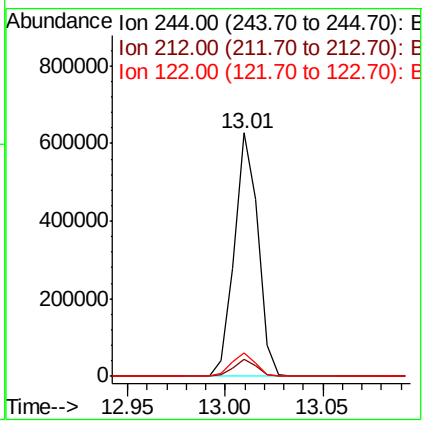


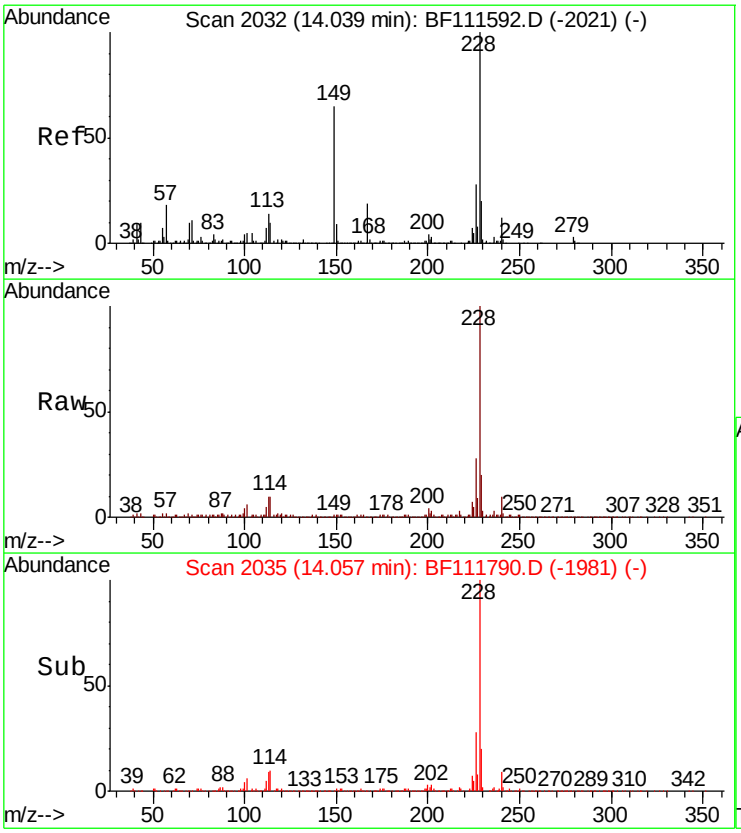
#79
Terphenyl-d14
Concen: 27.285 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:244 Resp: 527177

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.8	13.1	19.7#

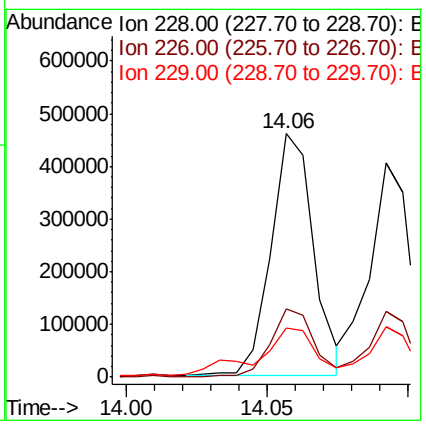


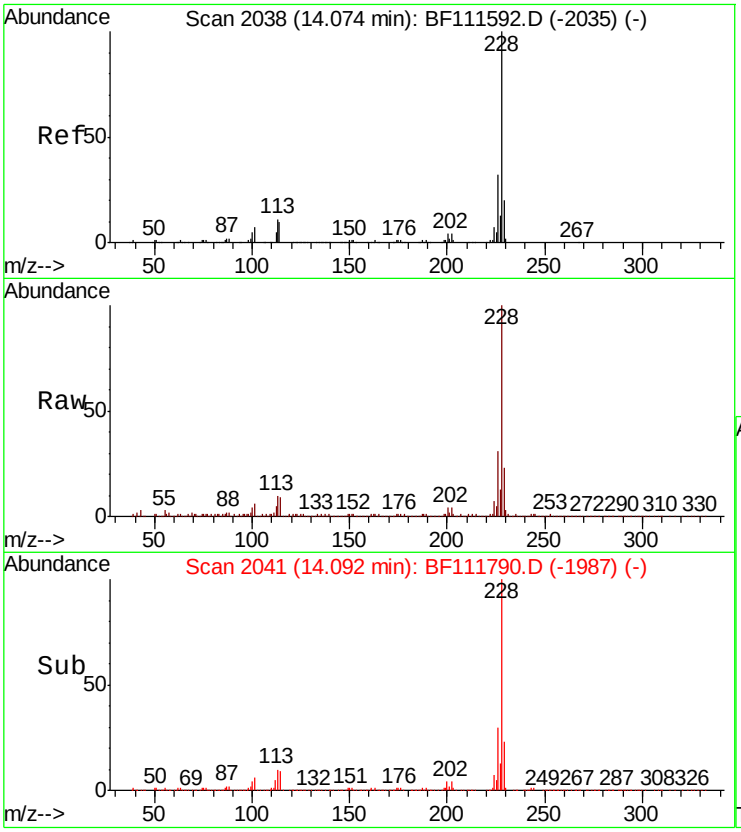


#81
Benzo(a)anthracene
Concen: 23.026 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:228 Resp: 481492

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.0	16.3	24.5



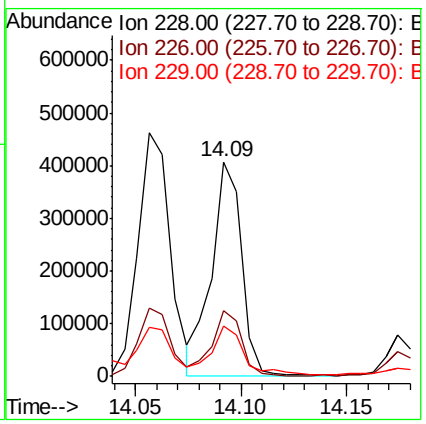


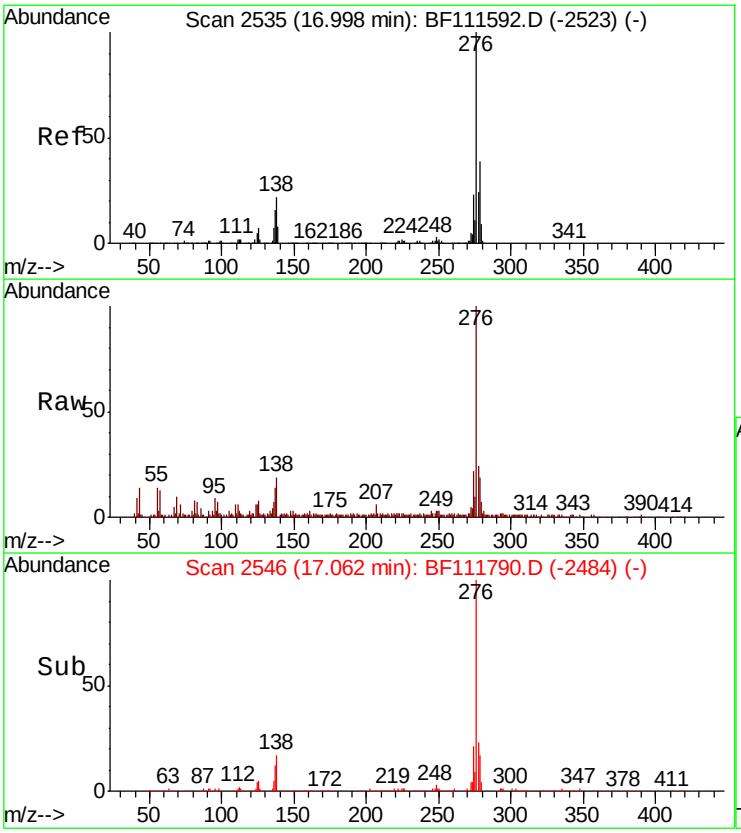
#83
Chrysene
Concen: 19.367 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:228 Resp: 398044

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	23.3	17.2	25.8

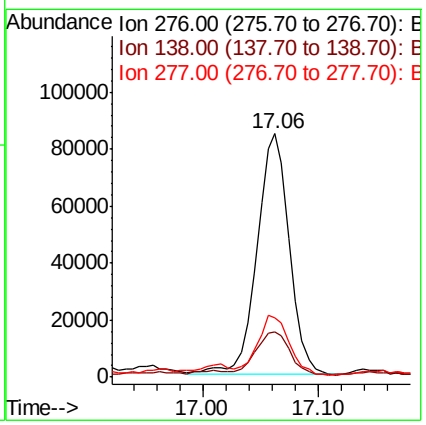


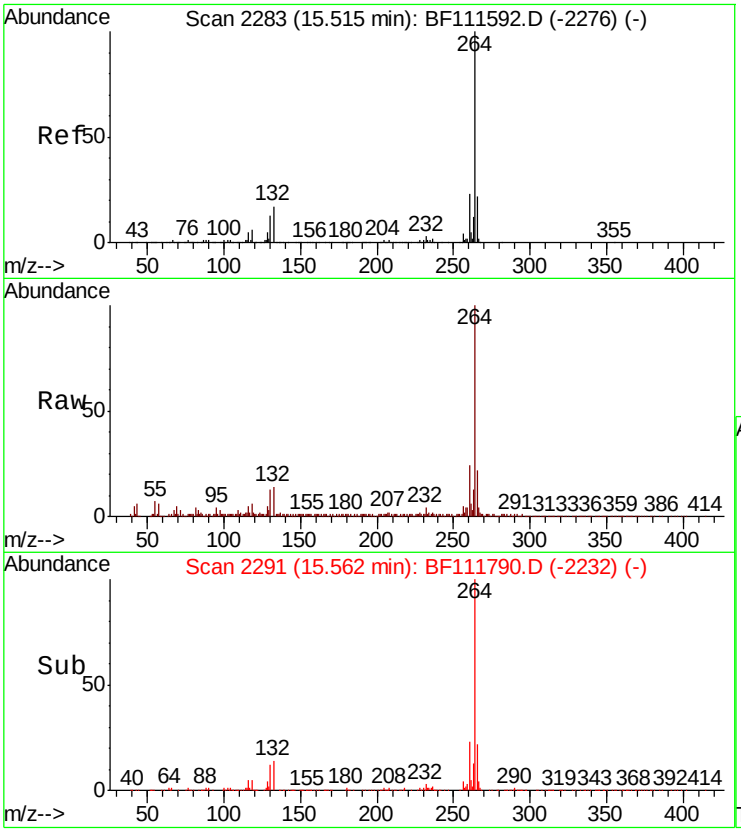


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.440 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.06 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:276 Resp: 164939

Ion	Ratio	Lower	Upper
276	100		
138	19.1	27.8	41.6#
277	24.2	20.1	30.1



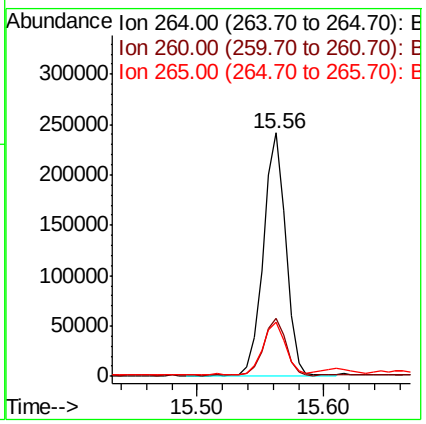


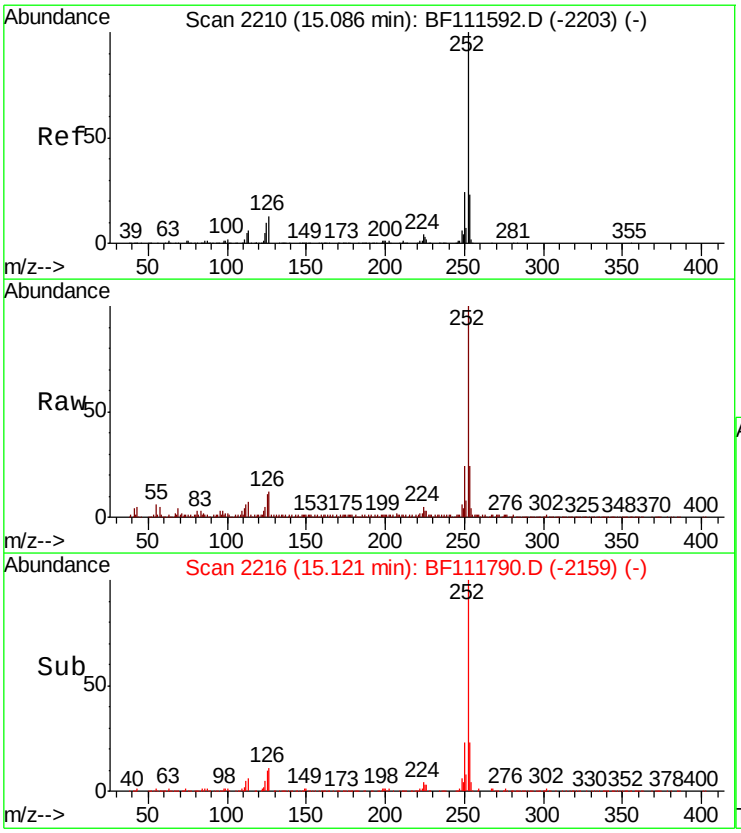
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:264 Resp: 295968

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.4	17.7	26.5

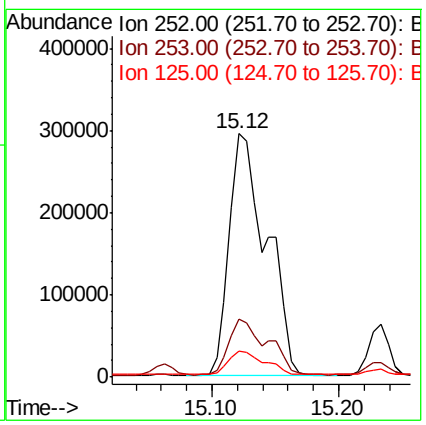


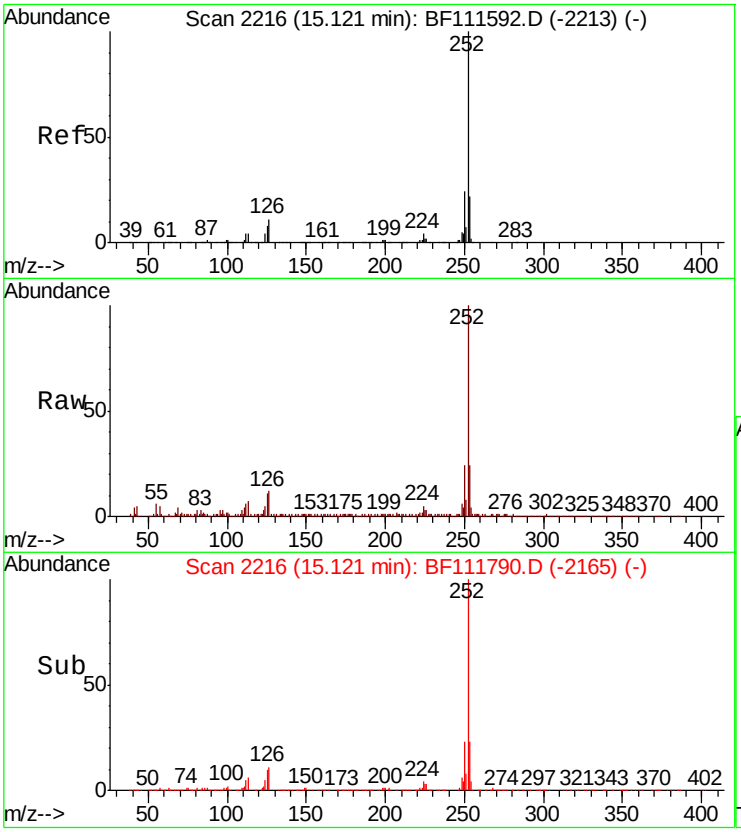


#88
Benzo(b)fluoranthene
Concen: 34.937 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:252 Resp: 604325

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	10.6	10.4	15.6



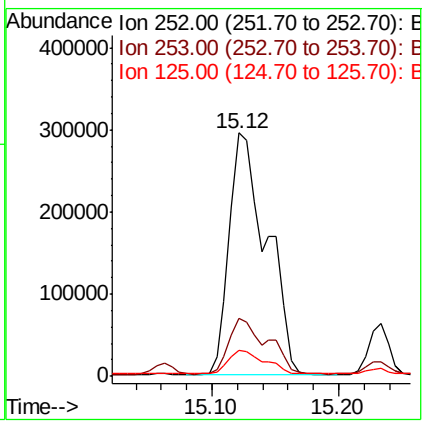


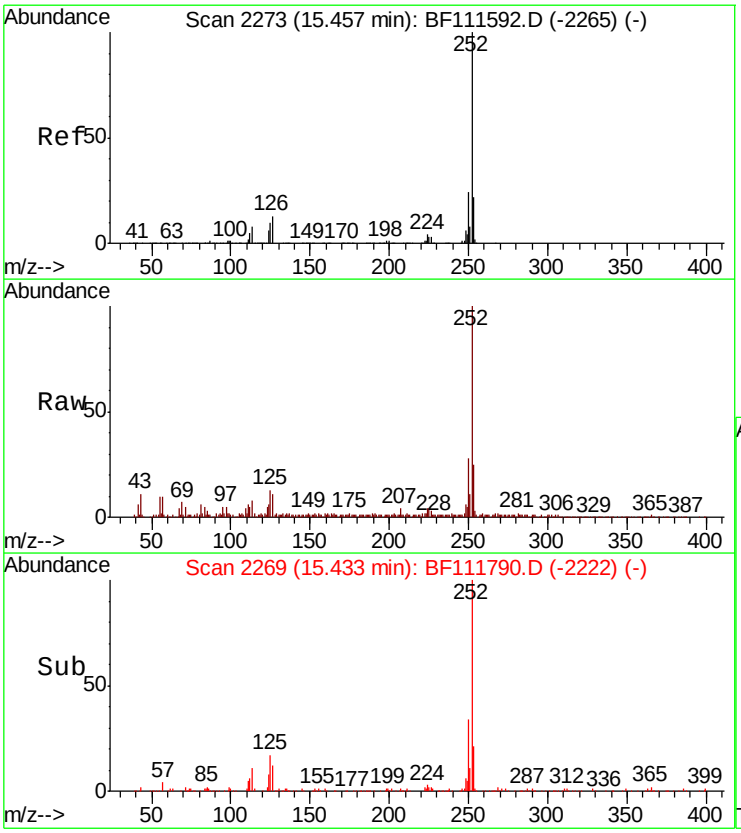
#89
Benzo(k)fluoranthene
Concen: 36.697 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:252 Resp: 604325

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	10.6	9.8	14.8

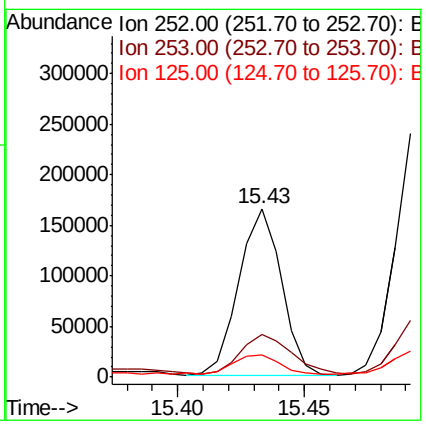


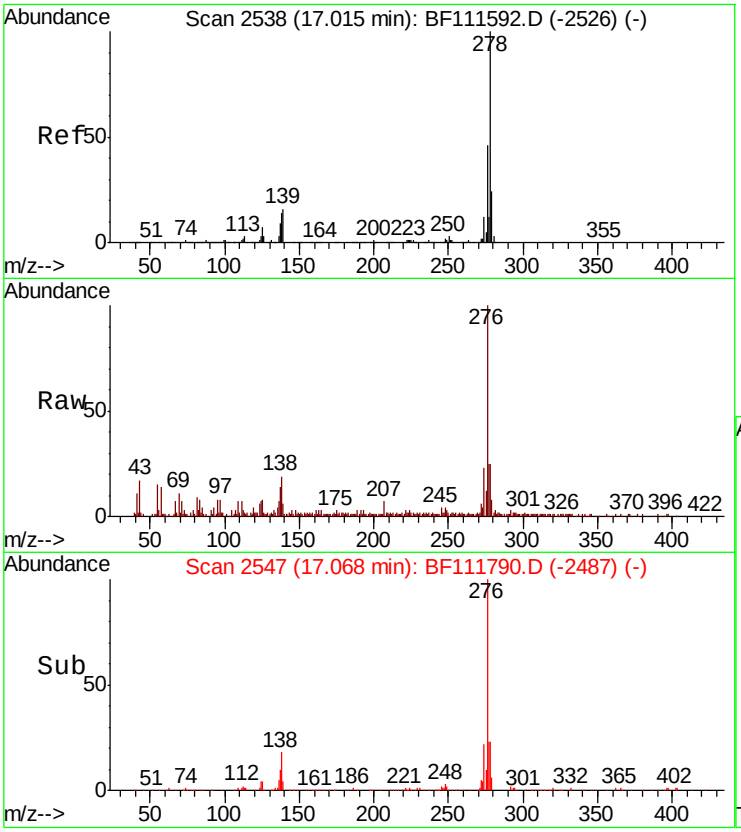


#90
Benzo(a)pyrene
Concen: 12.424 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:252 Resp: 195246

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	13.4	12.3	18.5



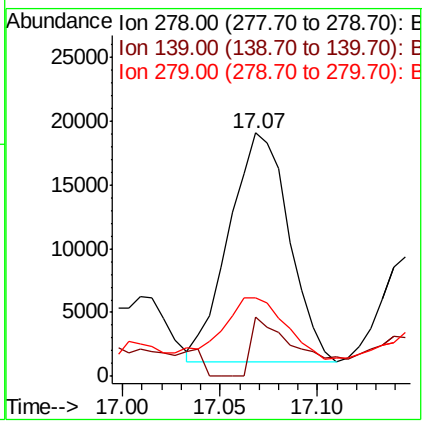


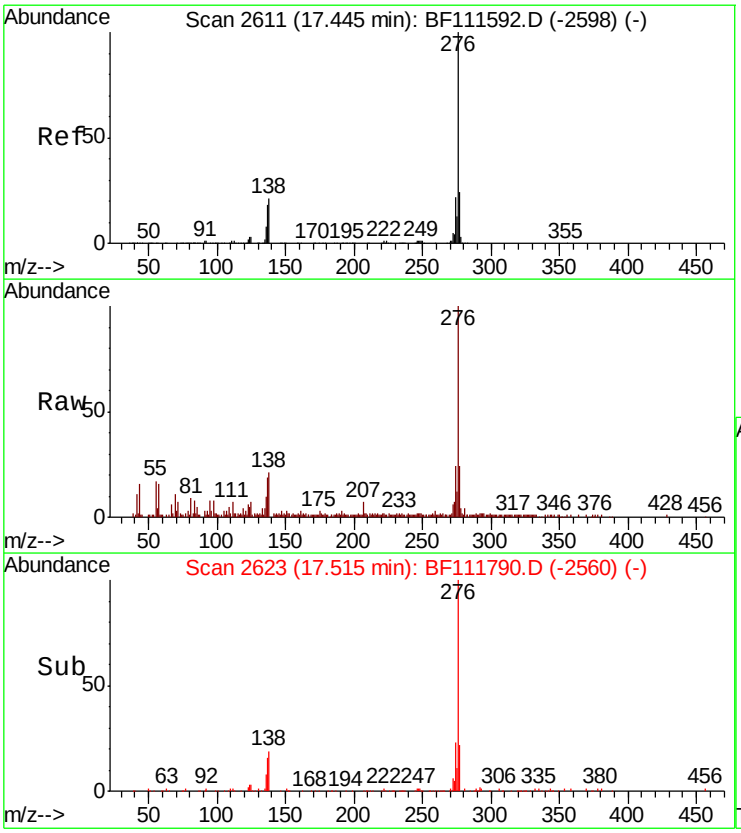
#91
Dibenzo(a,h)anthracene
Concen: 2.784 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:278 Resp: 38308

Ion	Ratio	Lower	Upper
278	100		
139	24.4	18.2	27.4
279	32.1	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 10.747 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.07 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:276 Resp: 144412

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	21.1	24.9	37.3#