Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111059.D
Acq On : 28 Nov 2018 21:34
Operator : JU/SJ
Sample : J6079-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J-4

Quant Time: Nov 29 01:29:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54379	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	216337	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	86795	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	126707	20.00	ng		0.00
76) Chrysene-d12	14.13	240	109889	20.00	ng		0.00
87) Perylene-d12	15.66	264	85628	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	309322	94.33	ng		0.00
7) Phenol-d6	6.56	99	400917	93.82	ng		0.00
23) Nitrobenzene-d5	7.50	82	251620	66.56	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	68601	79.58	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	425701	71.06	ng		0.00
79) Terphenyl-d14	13.05	244	272974	48.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	475	Below Cal		#	1
10) Phenol	6.57	94	19547	4.062	ng		83
19) n-Nitroso-di-n-propylamine	7.50	70	31977	11.488	ng	#	84
25) Isophorone	7.50	82	251620	40.579	ng	#	67
50) Dimethylphthalate	9.69	163	33138	5.206	ng		98
51) 2,6-Dinitrotoluene	9.97	165	11440	8.073	ng	#	21
57) 2,4-Dinitrotoluene	9.97	165	11440	6.222	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	4310	3.123	ng	#	1
71) Phenanthrene	11.50	178	26859	4.002	ng		98
75) Fluoranthene	12.70	202	36038	5.225	ng		97
78) Pyrene	12.93	202	40987	5.107	ng		97
81) Benzo(a)anthracene	14.16	228	19531	3.010	ng		93
83) Chrysene	14.16	228	19531	3.058	ng		97
84) Bis(2-ethylhexyl)phthalate	14.06	149	13742	2.846	ng		96
88) Benzo(b)fluoranthene	15.22	252	22508	4.474	ng		98
89) Benzo(k)fluoranthene	15.22	252	22508	4.347	ng	#	98
90) Benzo(a)pyrene	15.60	252	11246	2.402	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111059.D
Acq On : 28 Nov 2018 21:34
Operator : JU/SJ
Sample : J6079-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
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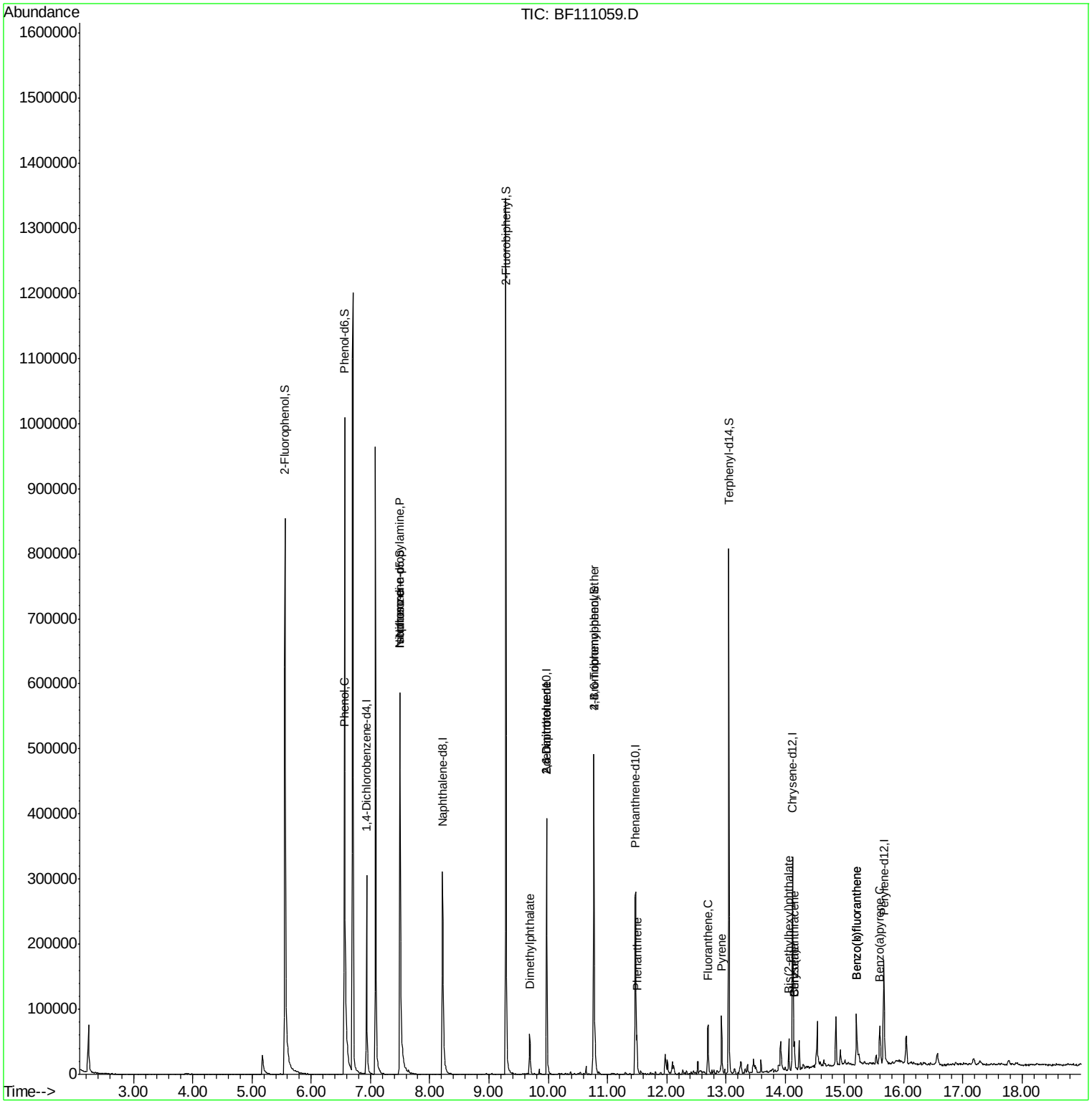
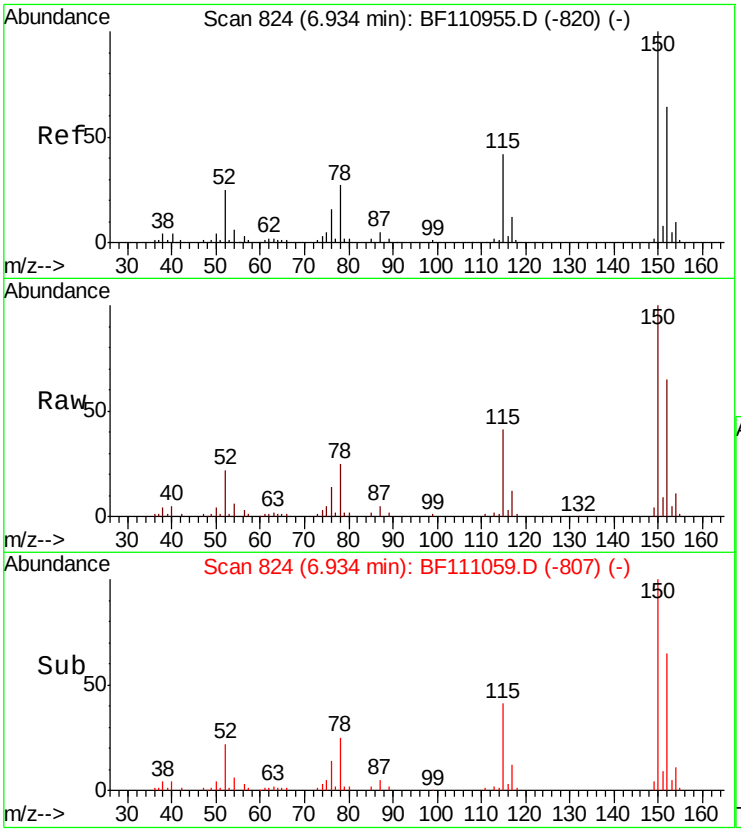


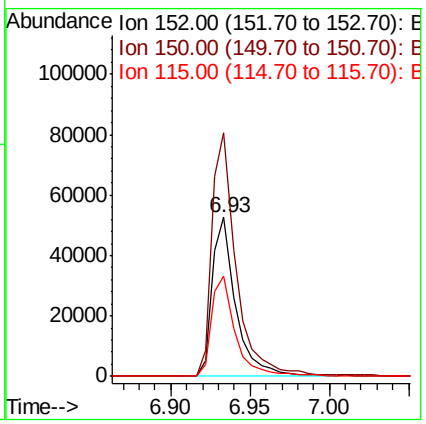


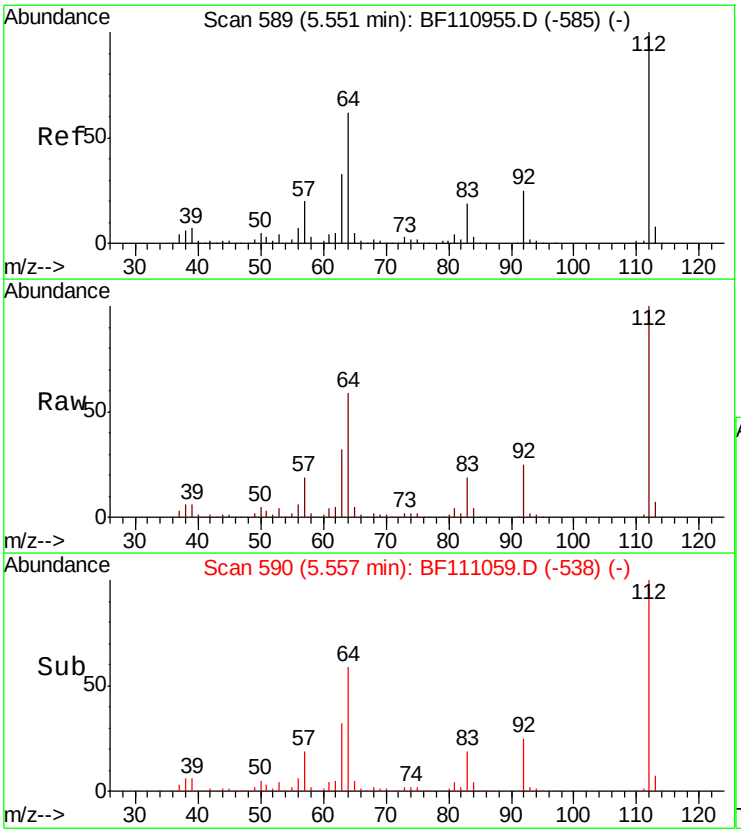
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:152 Resp: 54379

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	62.8	49.1	73.7

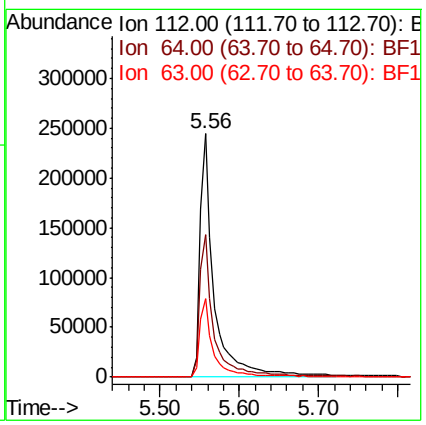


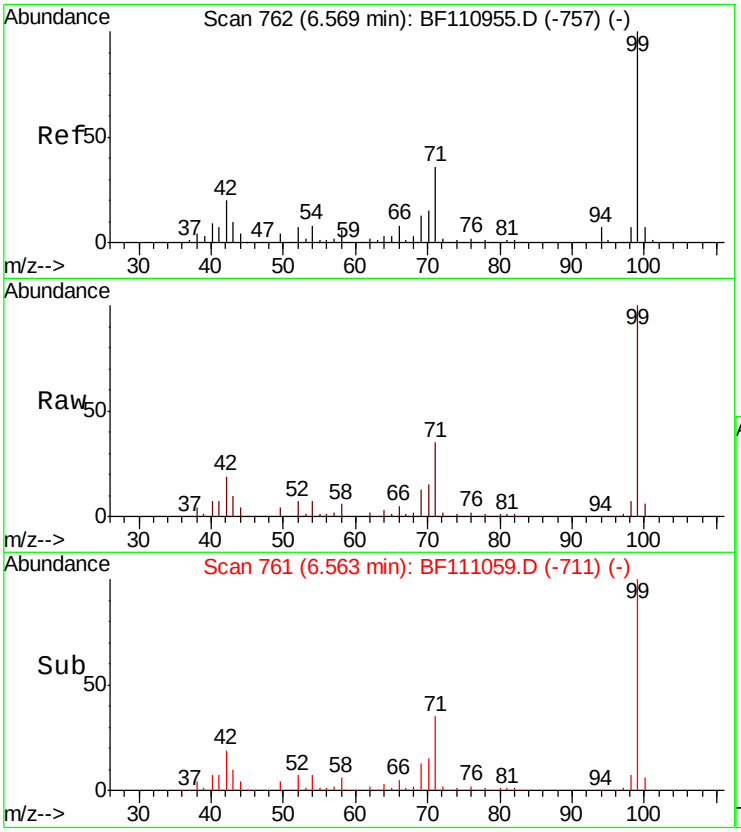


#5
2-Fluorophenol
Concen: 94.329 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:112 Resp: 309322

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	32.3	23.7	35.5



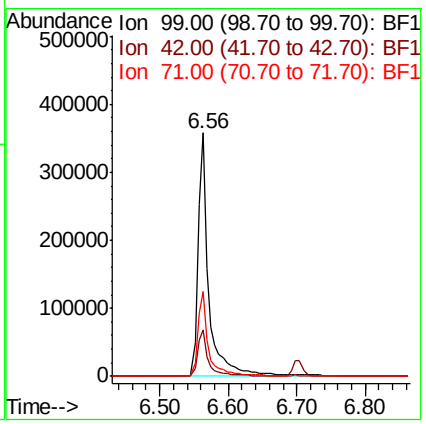


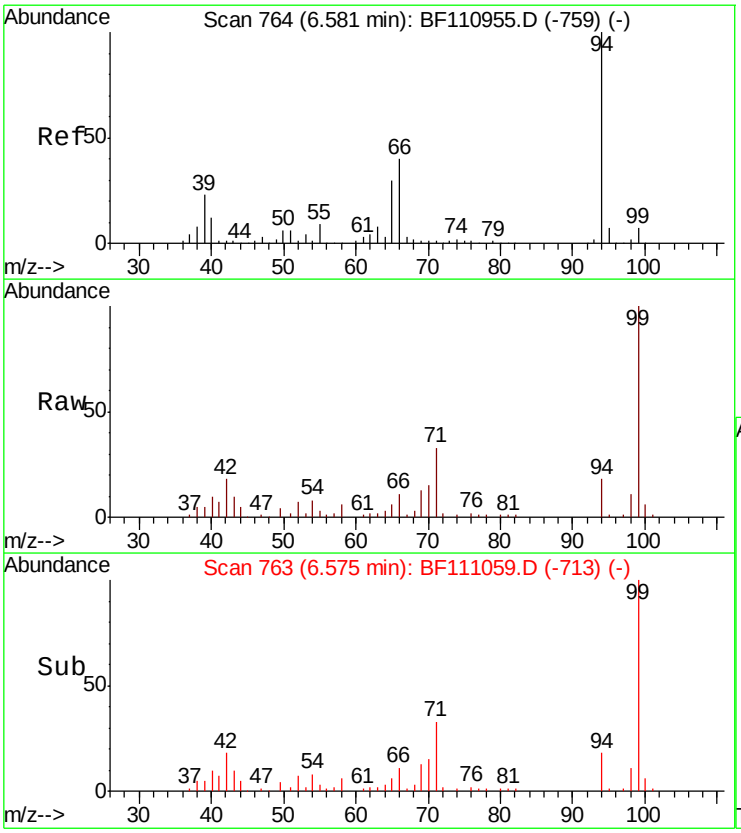
#7
Phenol-d6
Concen: 93.819 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion: 99 Resp: 400917

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	35.0	28.0	42.0

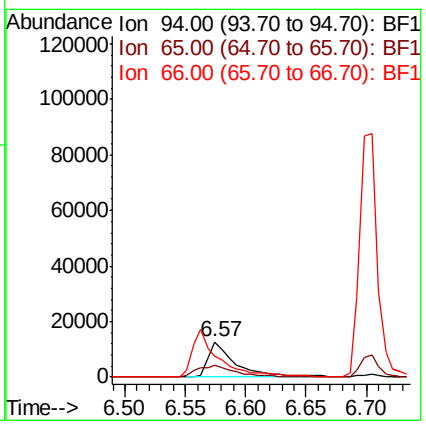


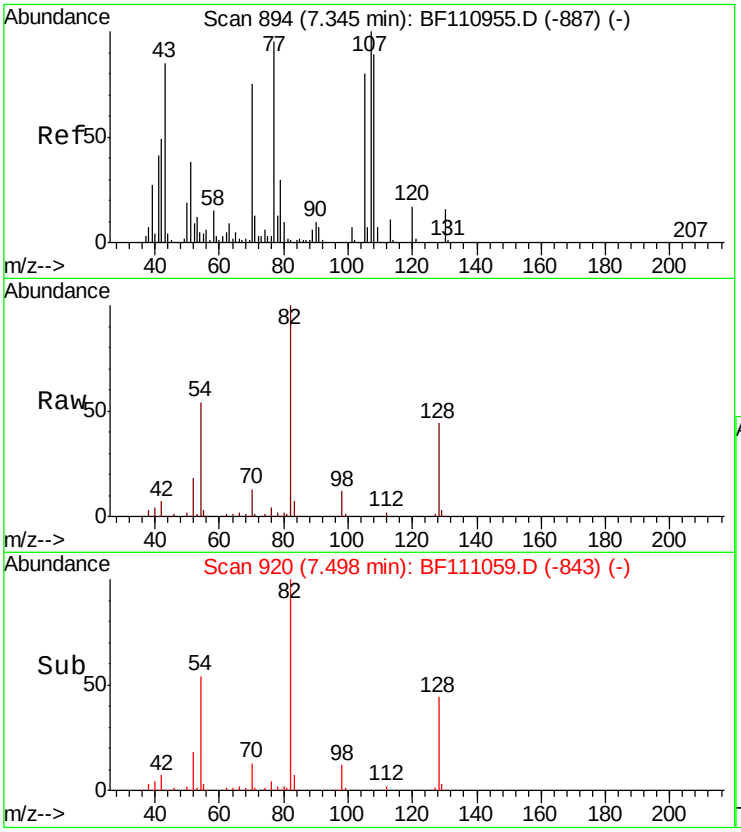


#10
Phenol
Concen: 4.062 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion: 94 Resp: 19547

Ion	Ratio	Lower	Upper
94	100		
65	33.0	25.3	65.3
66	61.2	54.5	94.5



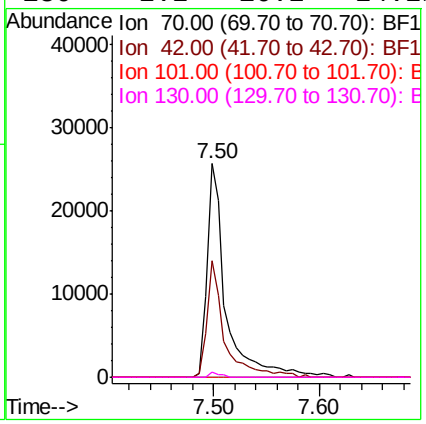


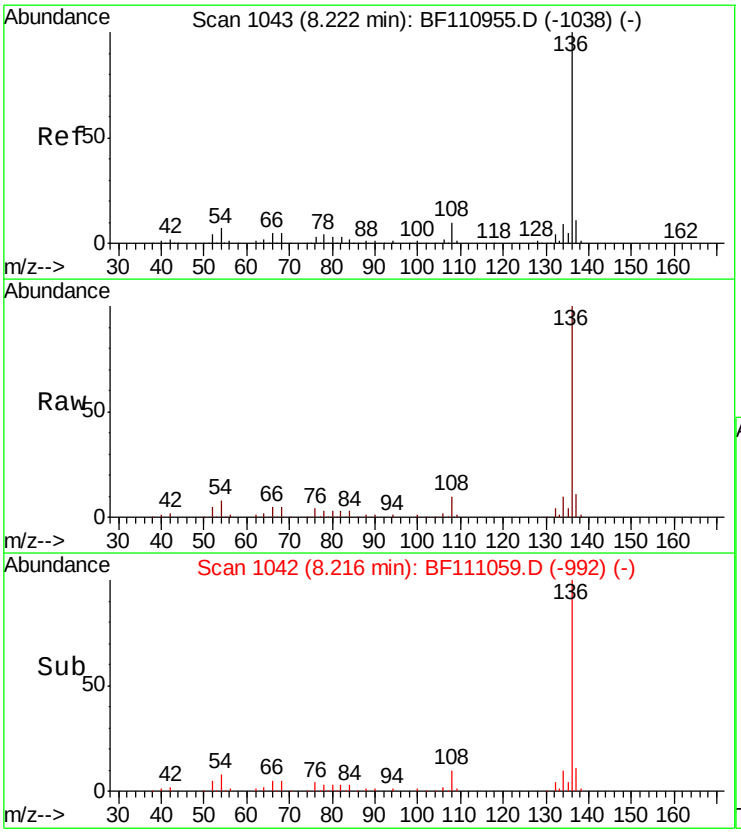
#19
n-Nitroso-di-n-propylamine
Concen: 11.488 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion: 70 Resp: 31977

Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

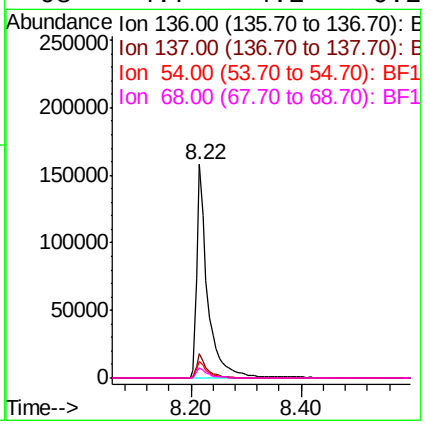


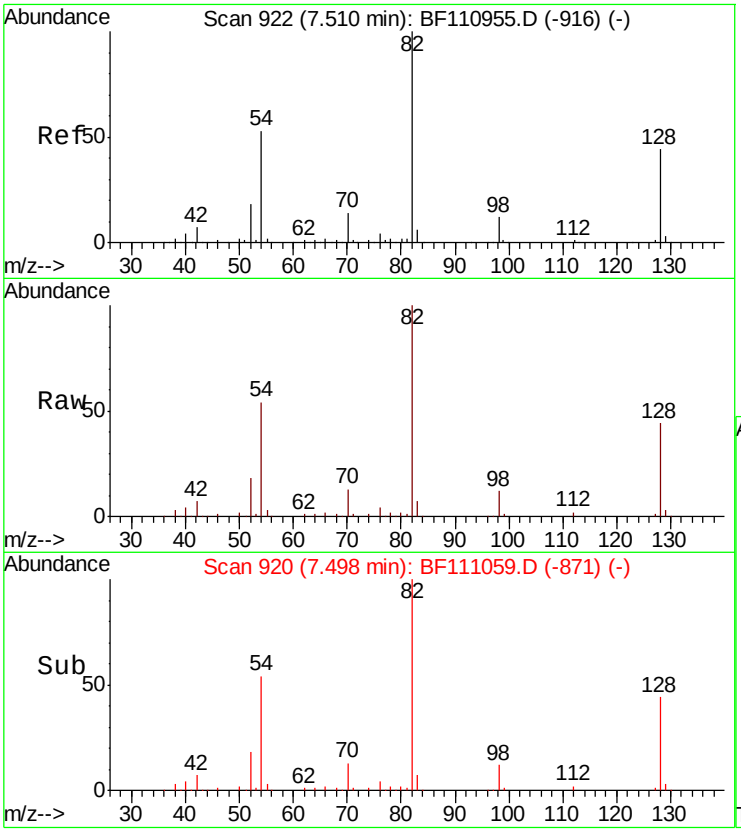


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:136 Resp: 216337

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	5.4	8.2
68	4.7	4.2	6.2



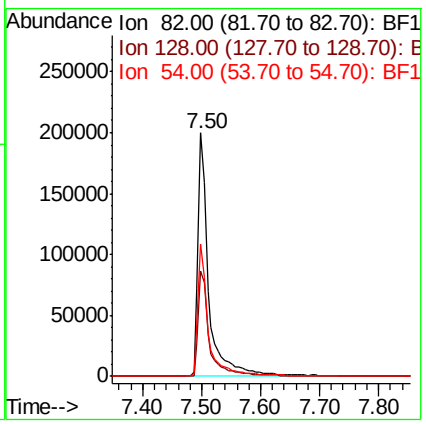


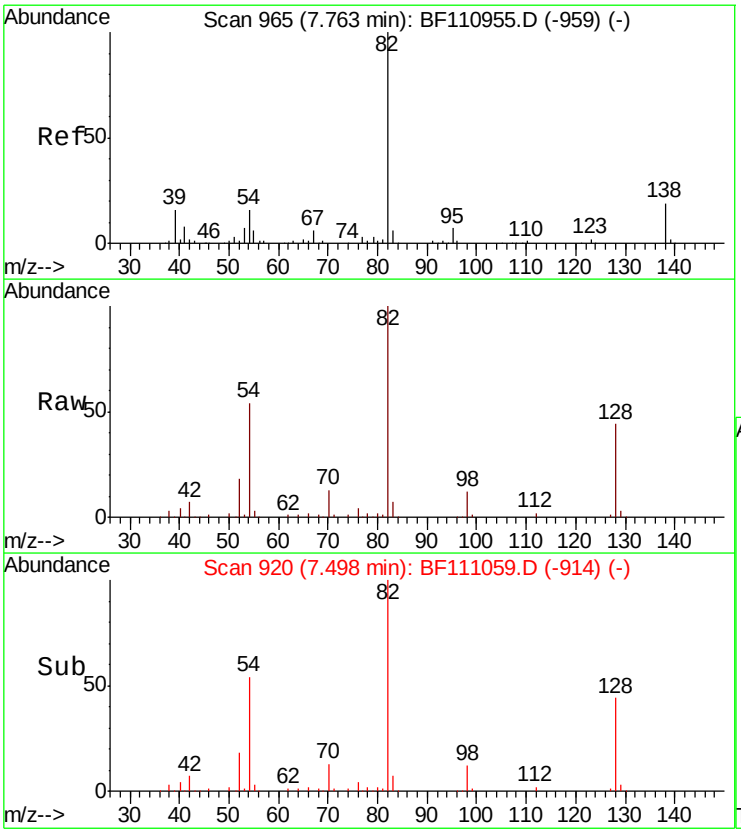
#23
Nitrobenzene-d5
Concen: 66.565 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion: 82 Resp: 251620

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	54.3	38.6	58.0

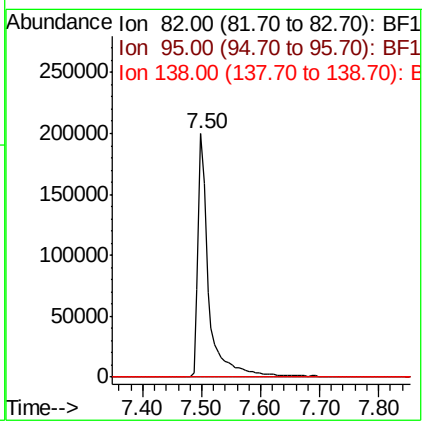


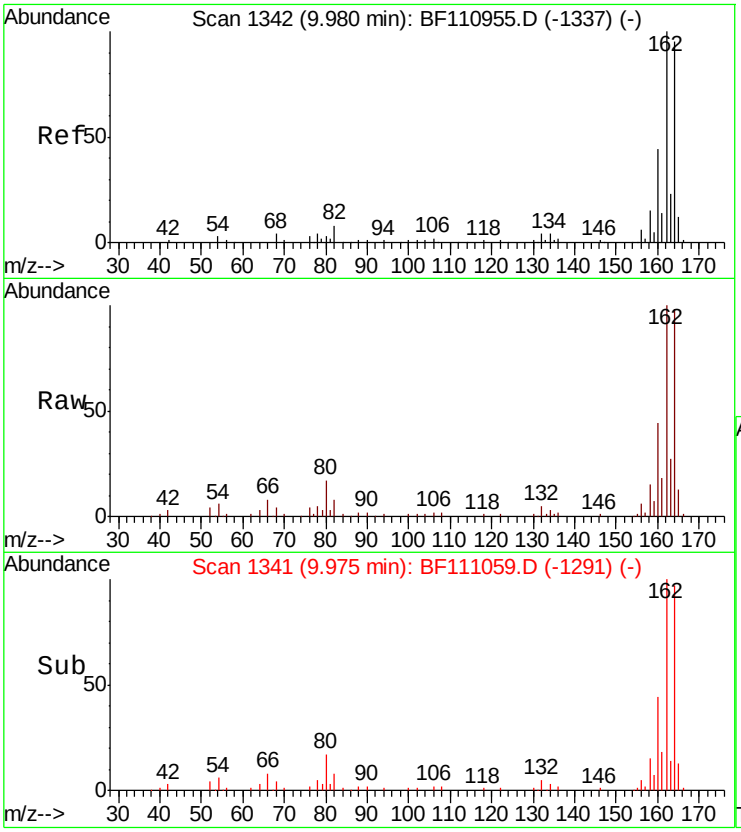


#25
Isophorone
Concen: 40.579 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion: 82 Resp: 251620

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



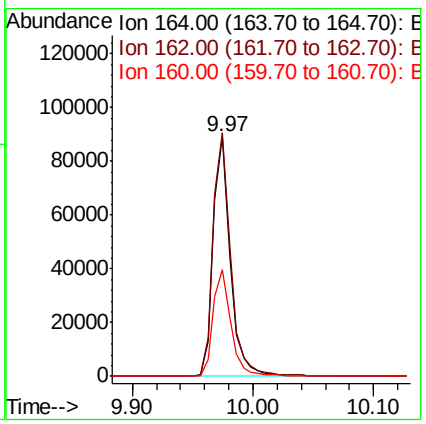


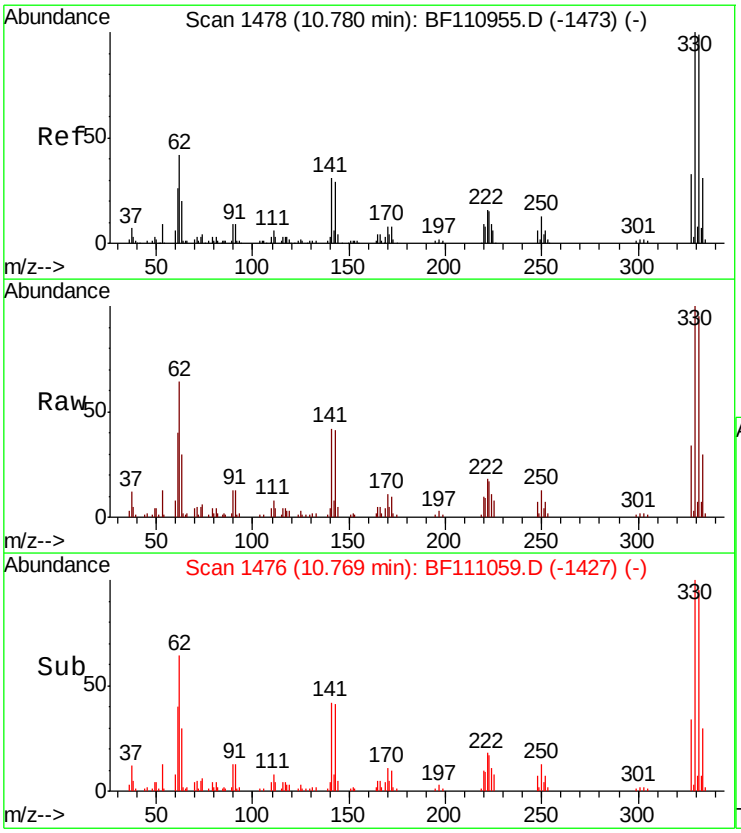
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:164 Resp: 86795

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.6
160	44.7	37.0	55.6

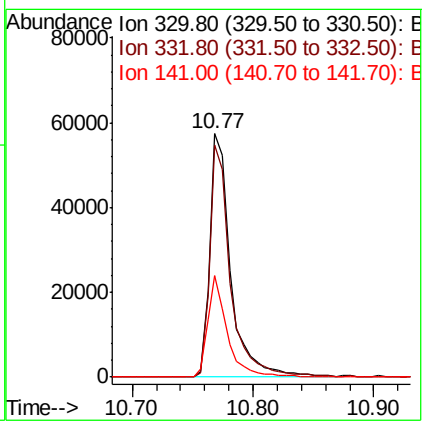


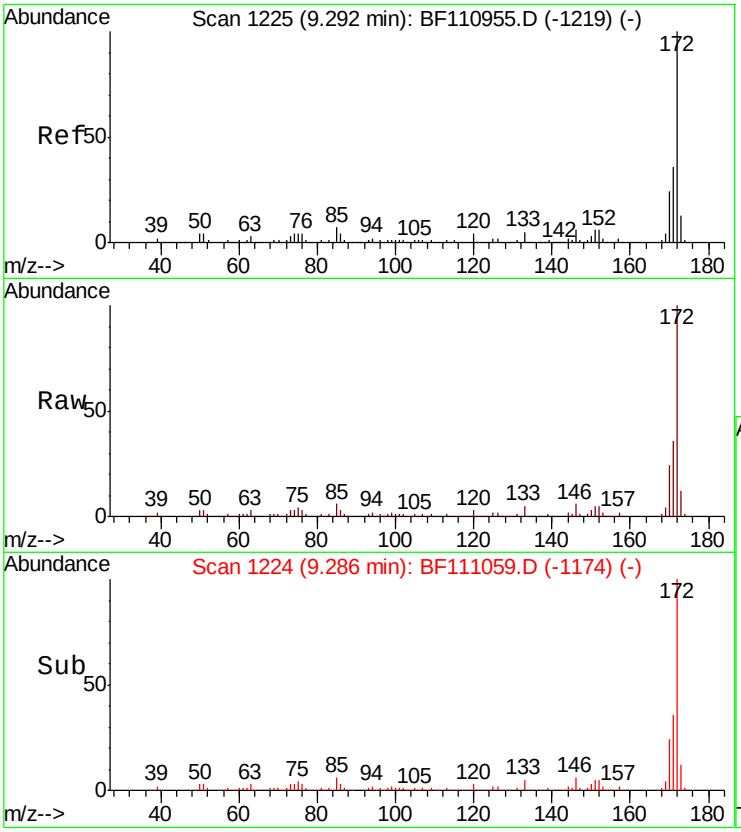


#42
2,4,6-Tribromophenol
Concen: 79.584 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:330 Resp: 68601

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	38.6	27.0	40.4



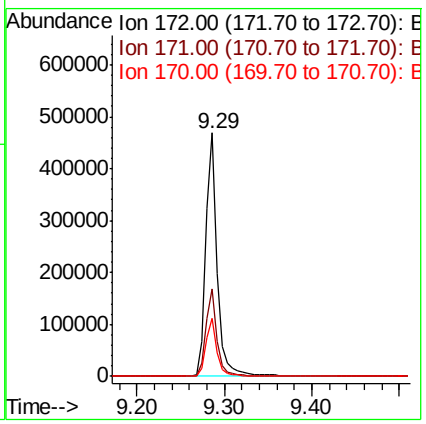


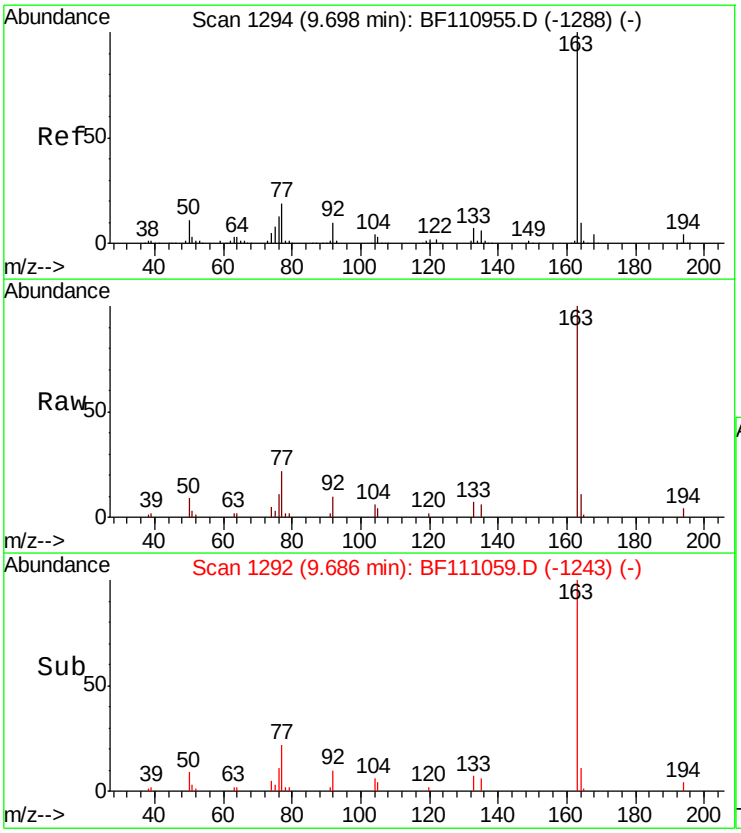
#45
2-Fluorobiphenyl
Concen: 71.058 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:172 Resp: 425701

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.6	19.7	29.5

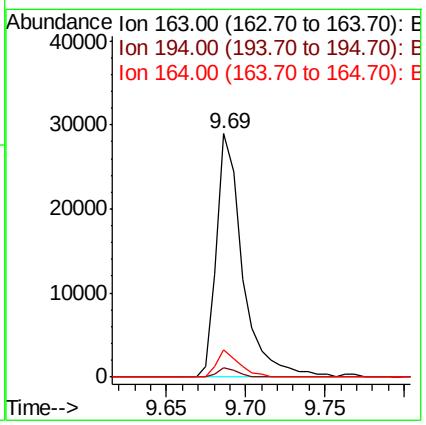


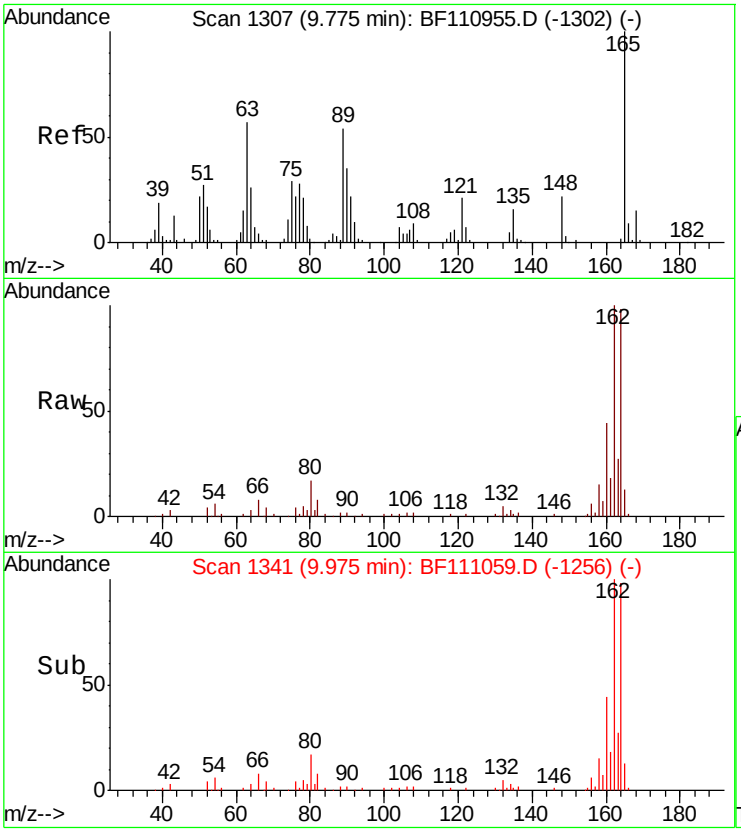


#50
Dimethylphthalate
Concen: 5.206 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:163 Resp: 33138

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	11.1	8.1	12.1



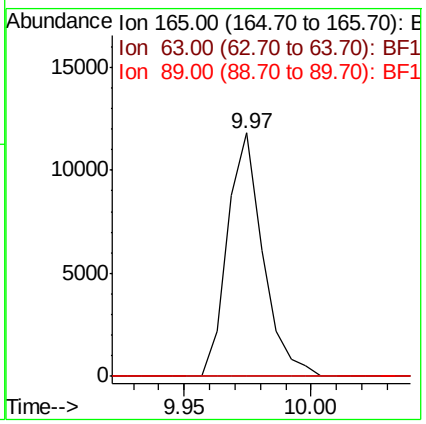


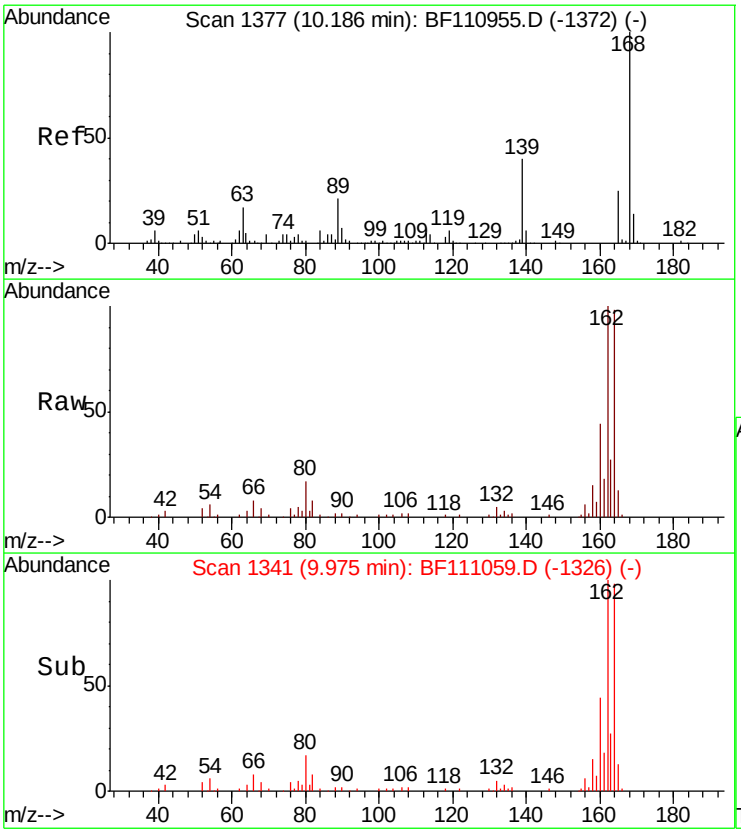
#51
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:165 Resp: 11440

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

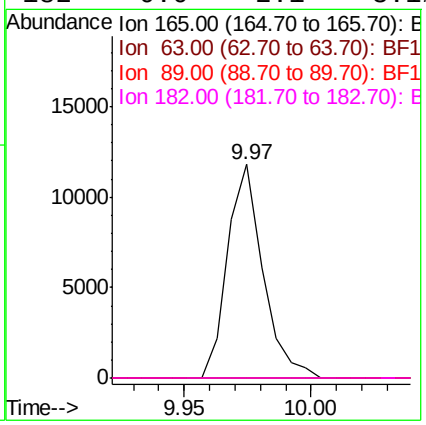


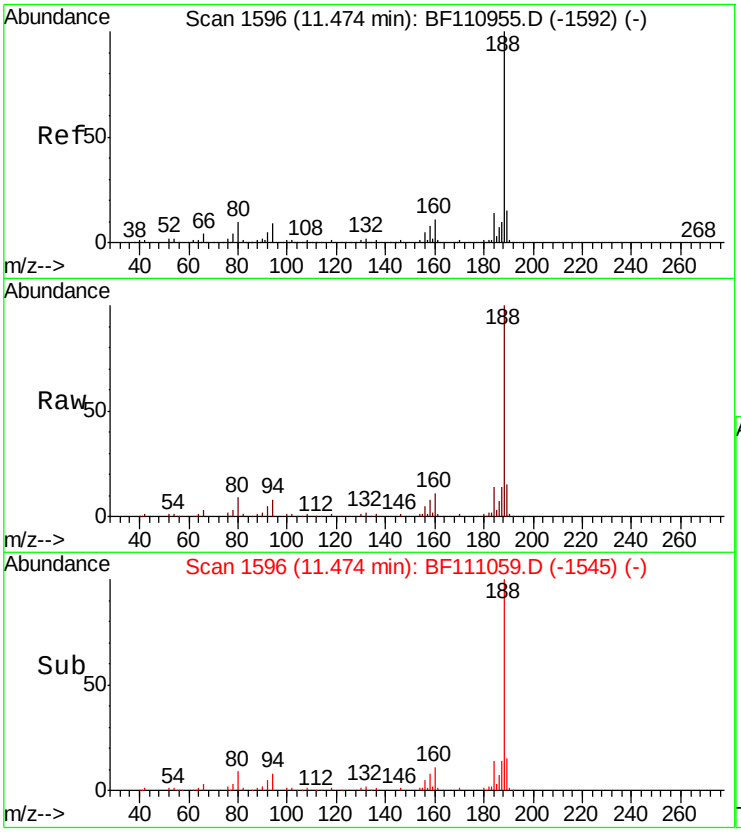


#57
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:165 Resp: 11440

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



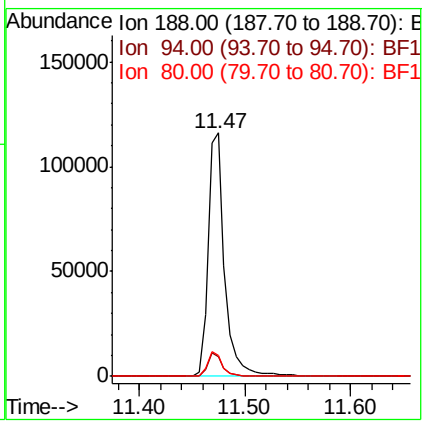


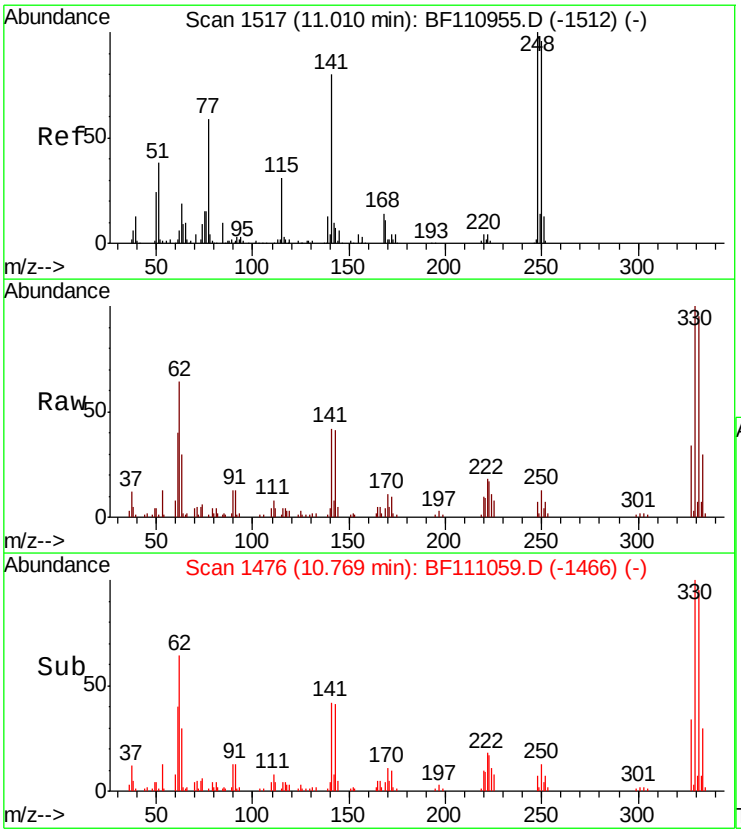
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:188 Resp: 126707

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9

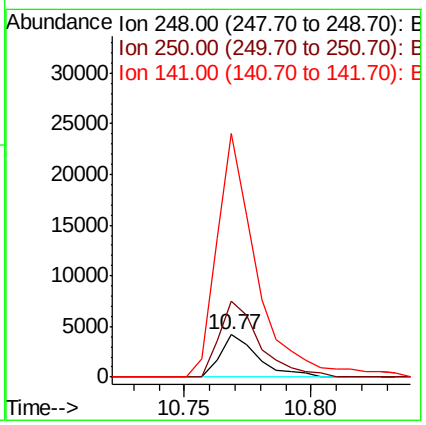


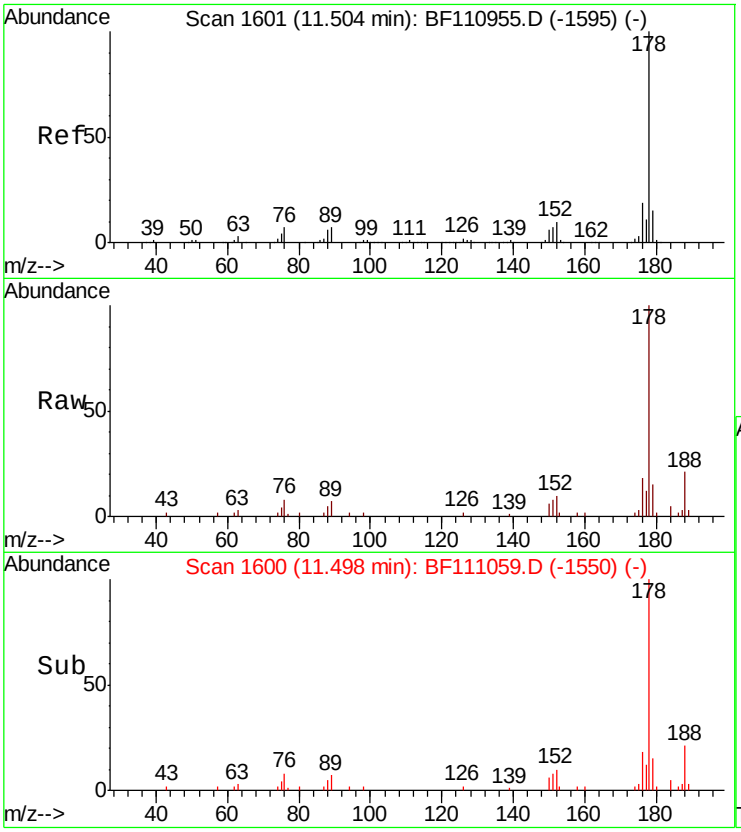


#67
4-Bromophenyl-phenylether
Concen: 3.123 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:248 Resp: 4310

Ion	Ratio	Lower	Upper
248	100		
250	178.8	79.4	119.2#
141	577.8	55.9	83.9#



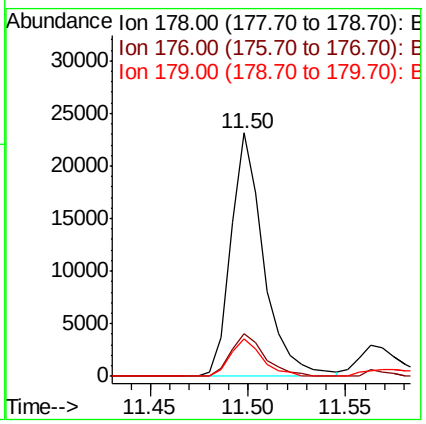


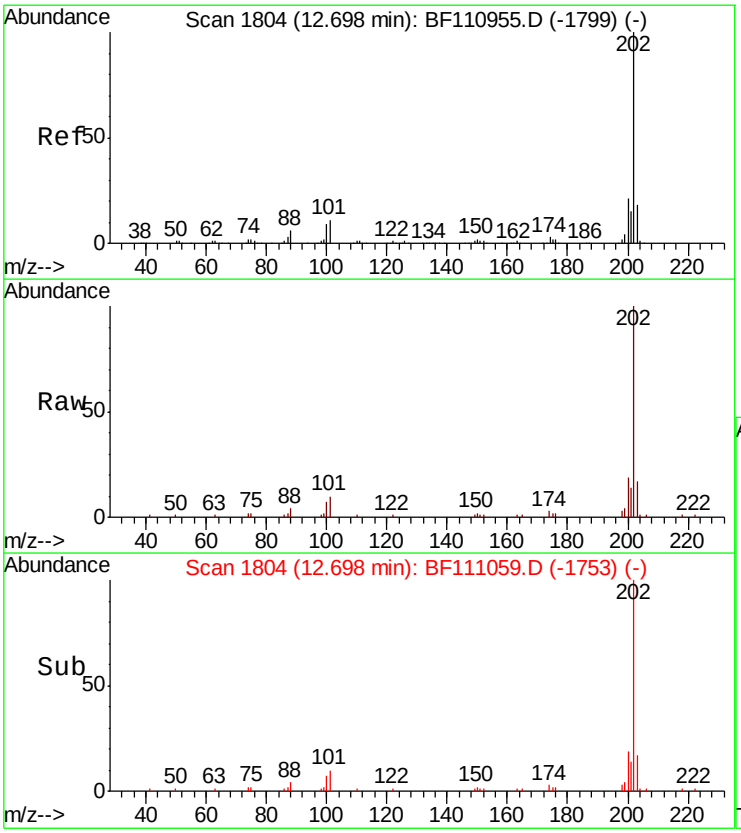
#71
Phenanthrene
Concen: 4.002 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:178 Resp: 26859

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.5	23.3
179	15.5	12.5	18.7

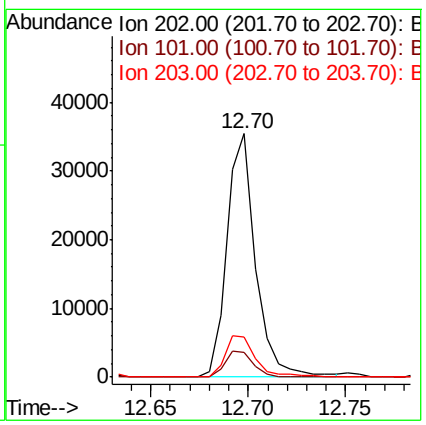


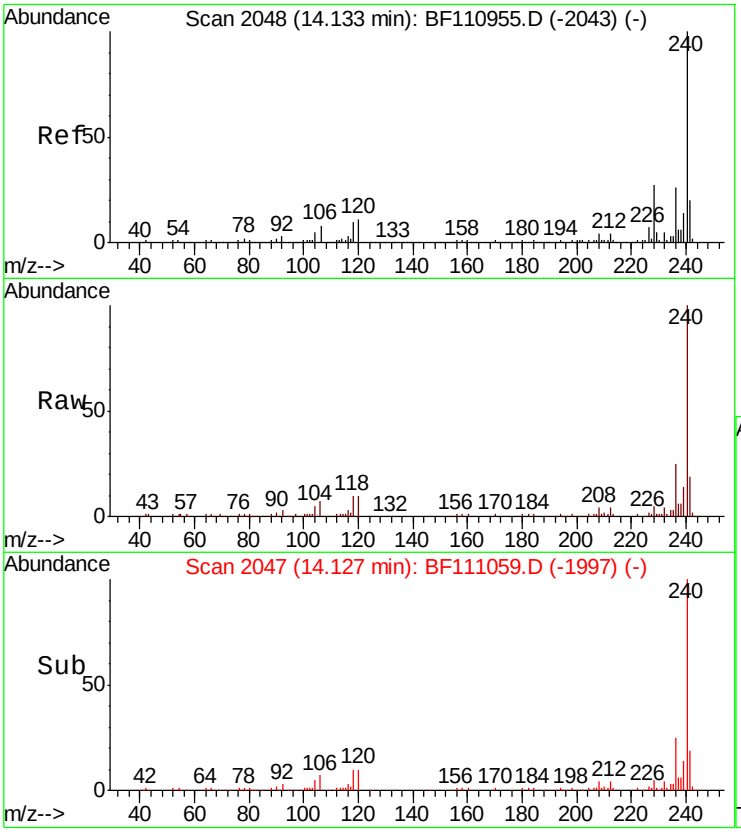


#75
Fluoranthene
Concen: 5.225 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:202 Resp: 36038

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.4
203	16.6	0.0	37.7



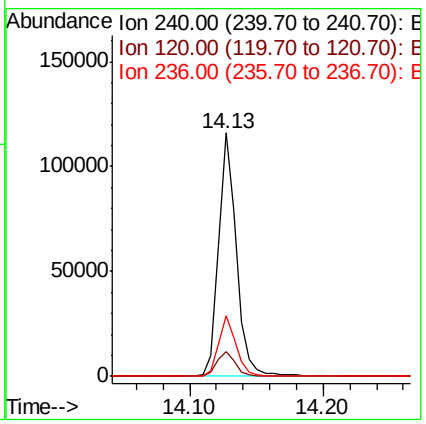


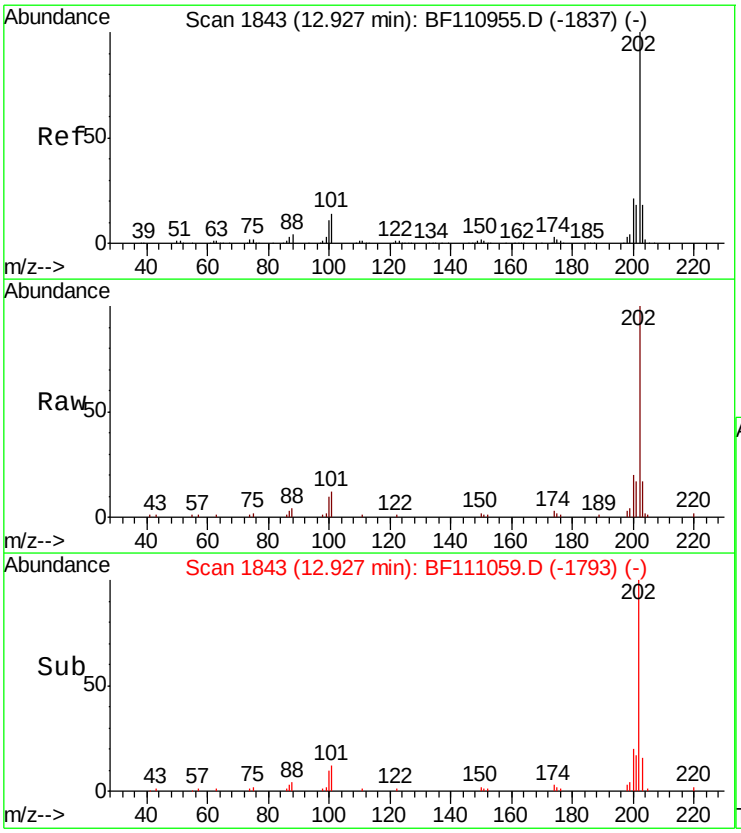
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:240 Resp: 109889

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.6	21.2	31.8

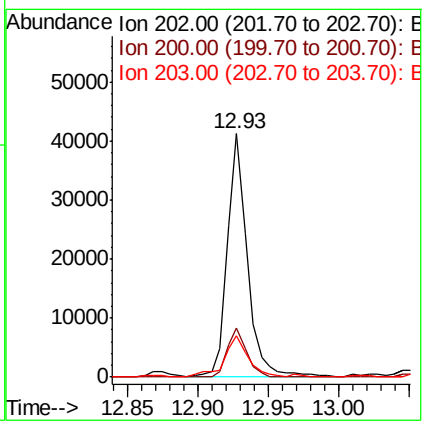


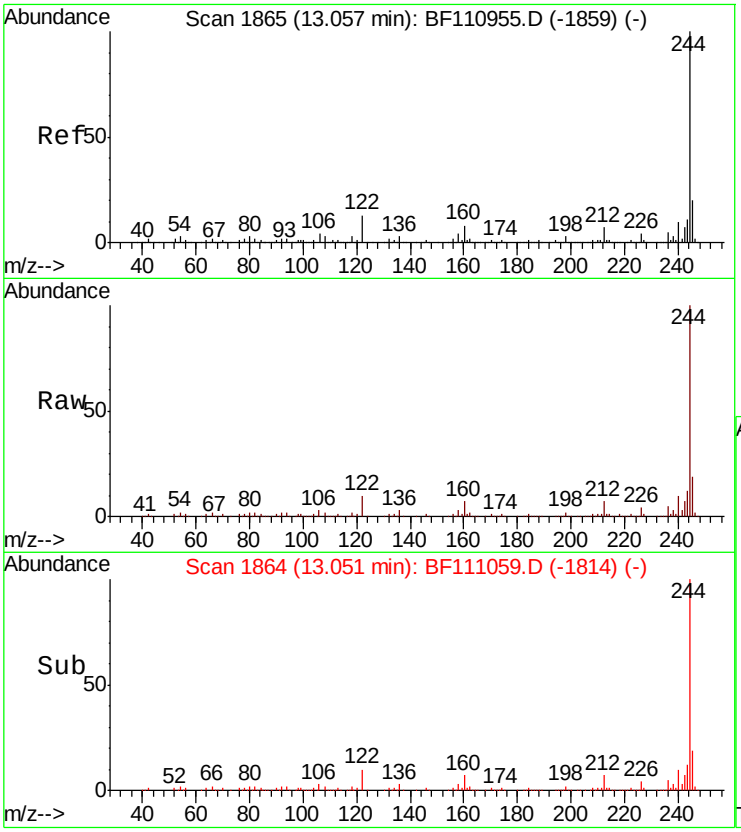


#78
Pyrene
Concen: 5.107 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:202 Resp: 40987

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	16.9	14.2	21.4



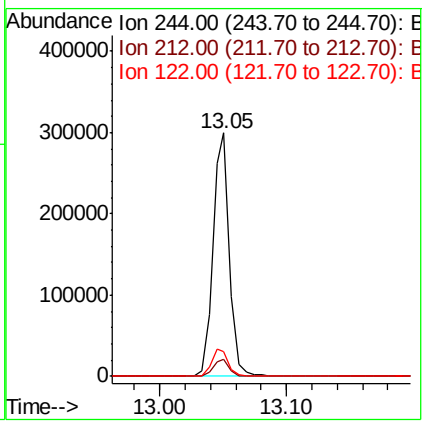


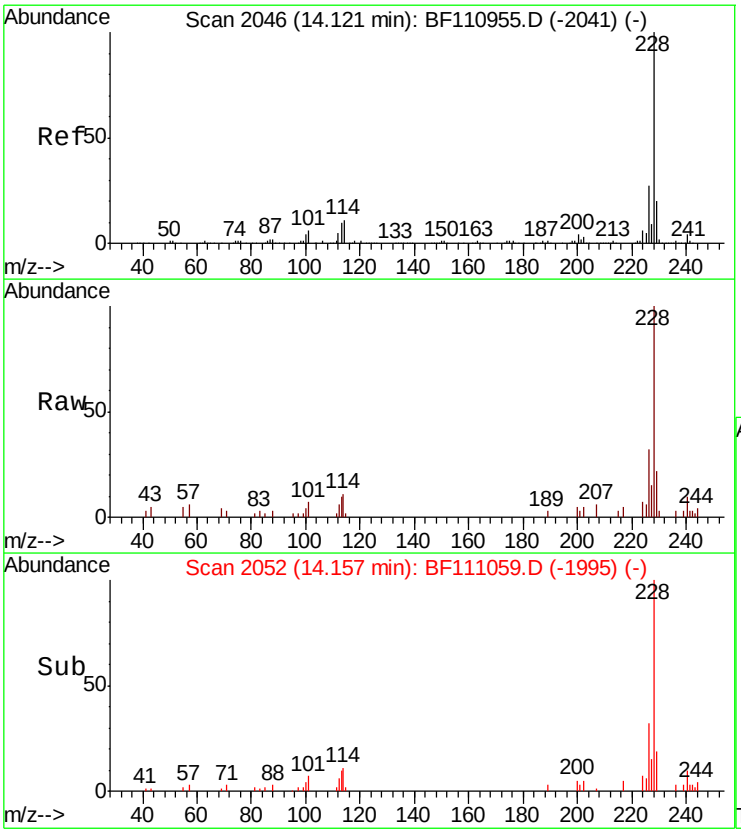
#79
Terphenyl-d14
Concen: 48.356 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:244 Resp: 272974

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.1	8.7	13.1

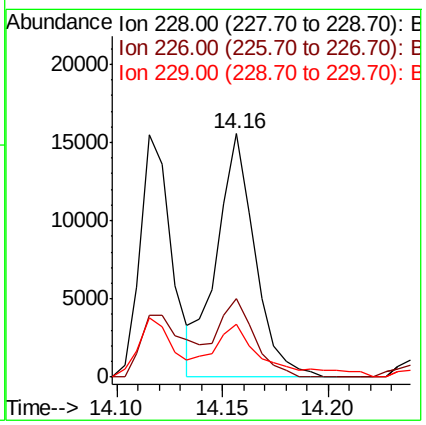


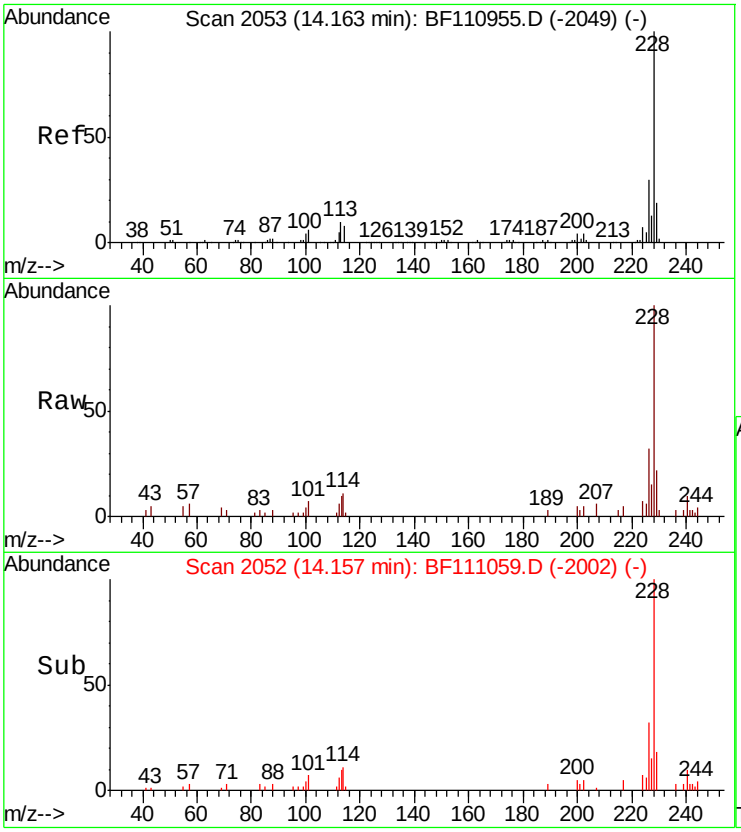


#81
Benzo(a)anthracene
Concen: 3.010 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.04 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:228 Resp: 19531

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.1	33.1
229	21.9	15.6	23.4



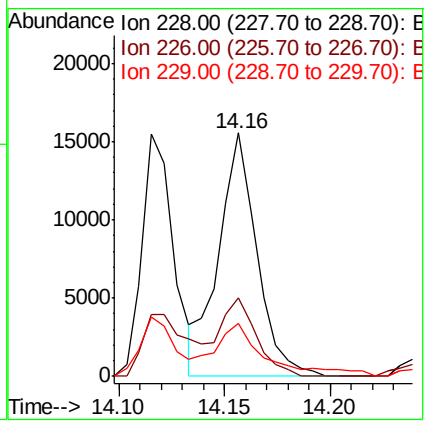


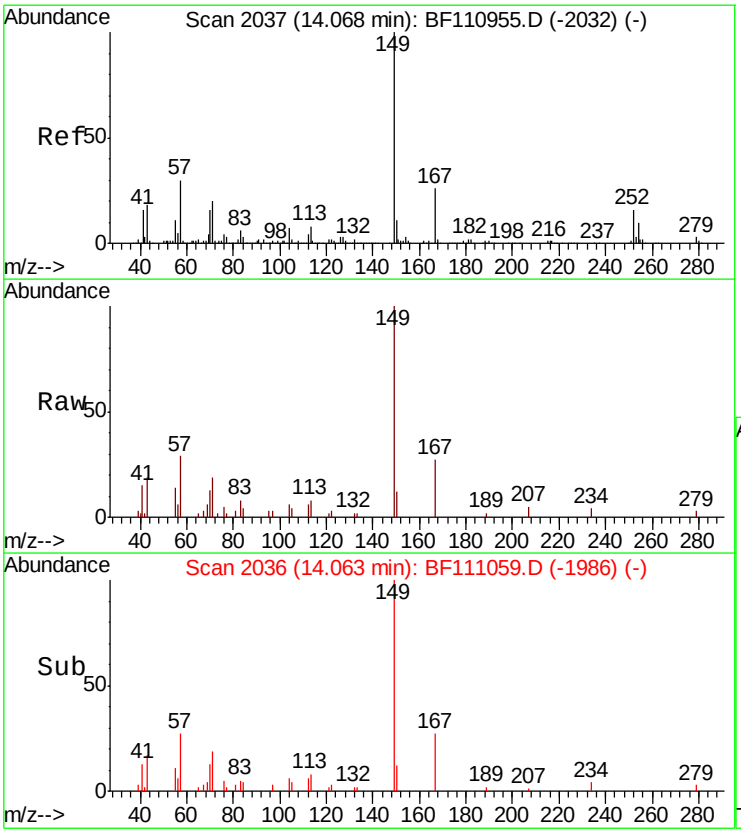
#83
Chrysene
Concen: 3.058 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:228 Resp: 19531

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.7	37.1
229	21.9	15.9	23.9

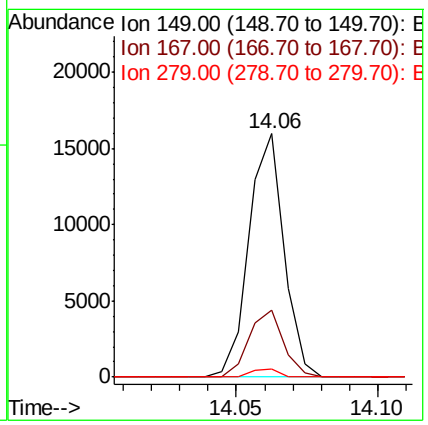


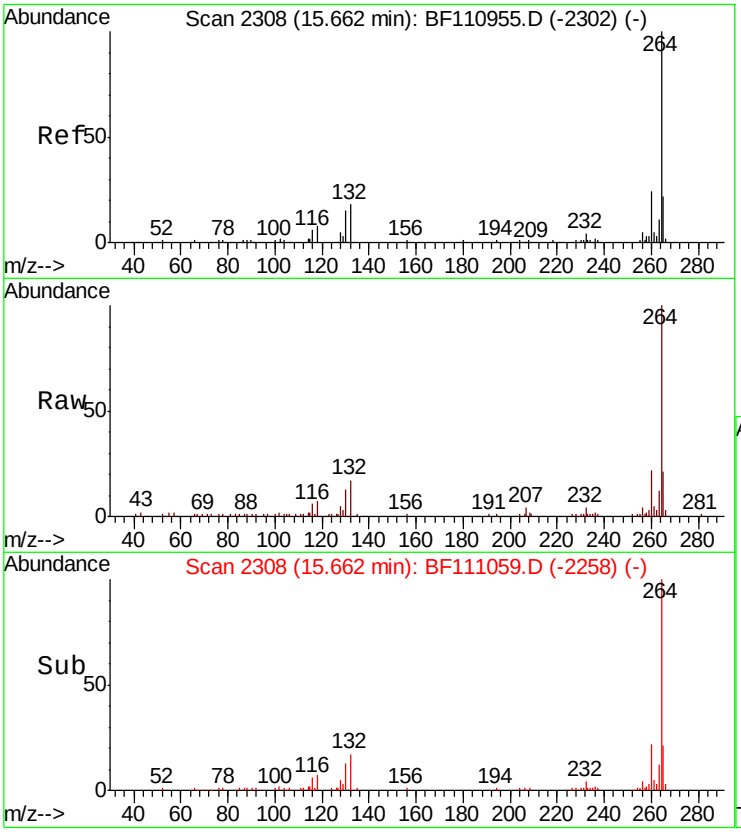


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.846 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:149 Resp: 13742

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.8	29.8
279	3.4	2.7	4.1



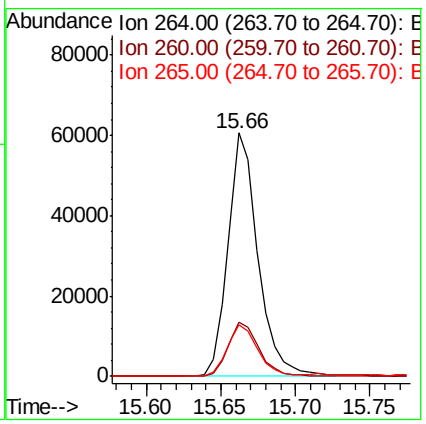


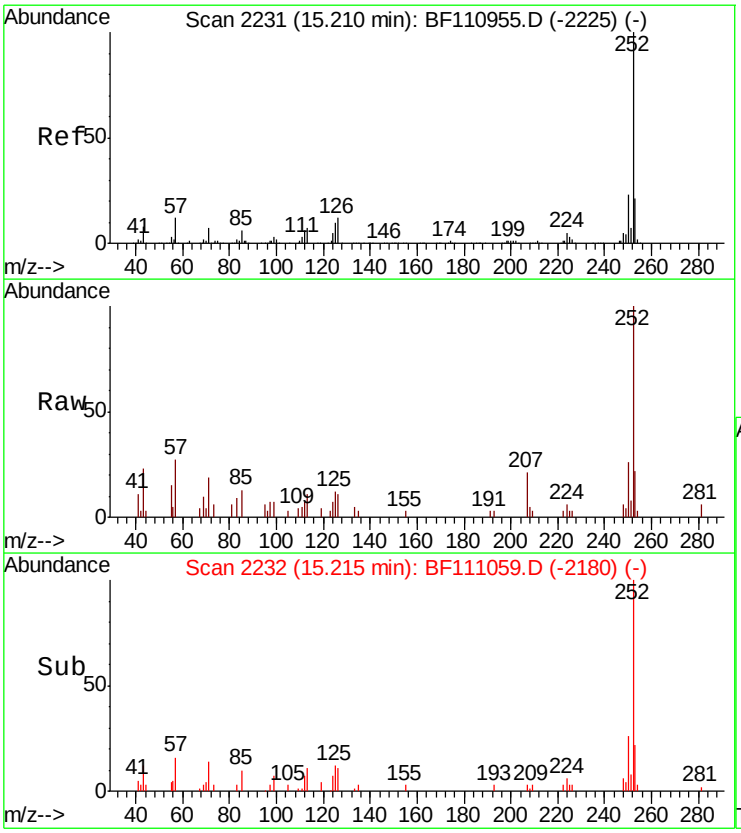
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:264 Resp: 85628

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.0	16.7	25.1

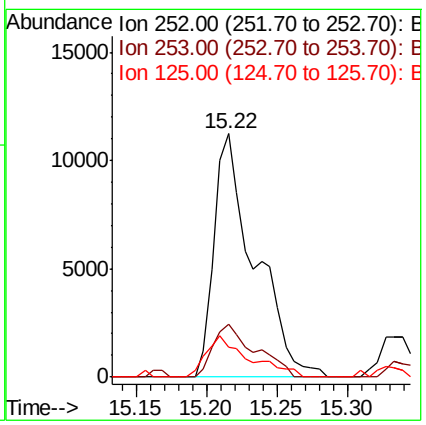


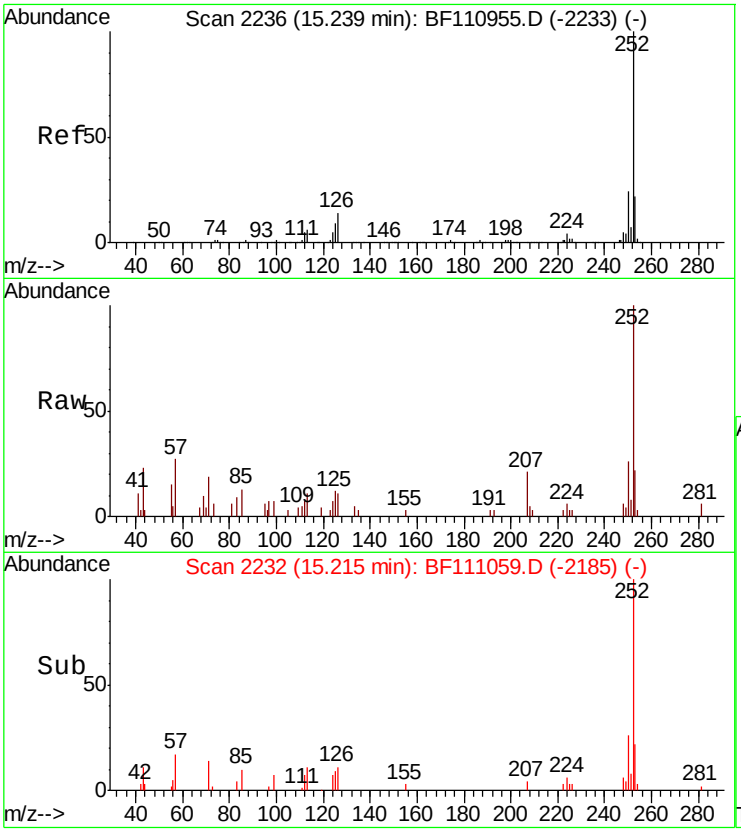


#88
Benzo(b)fluoranthene
Concen: 4.474 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:252 Resp: 22508

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.2	8.2	12.4



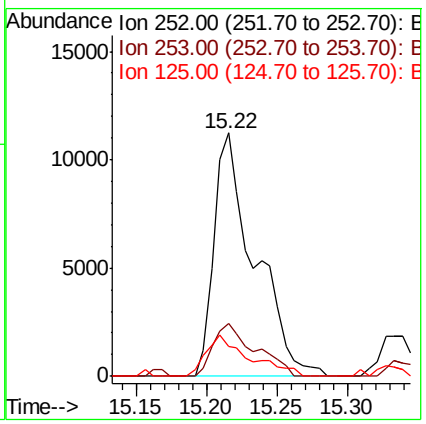


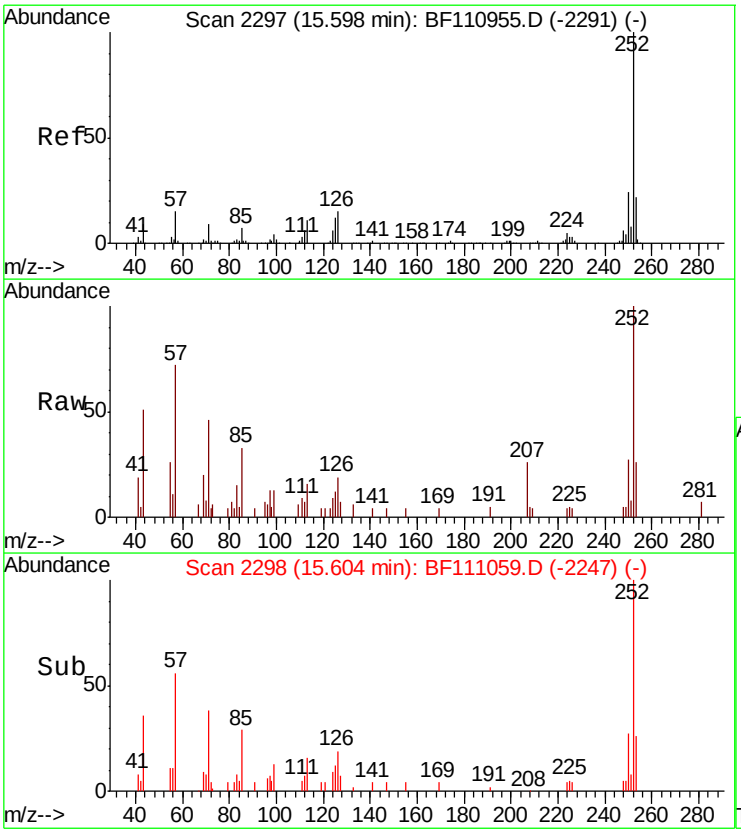
#89
Benzo(k)fluoranthene
Concen: 4.347 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
J-4

Tgt Ion:252 Resp: 22508

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.2	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.402 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF111059.D
Acq: 28 Nov 2018 21:34

Tgt Ion:252 Resp: 11246

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.4
125	12.5	9.0	13.6