Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111089.D
Acq On : 29 Nov 2018 14:27
Operator : JU/SJ
Sample : J6079-04RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 15:17:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53519	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	226505	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	107895	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	196379	20.00	ng		0.00
76) Chrysene-d12	14.13	240	121324	20.00	ng		0.00
87) Perylene-d12	15.66	264	117802	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	315975	97.91	ng		0.00
7) Phenol-d6	6.56	99	399901	95.08	ng		0.00
23) Nitrobenzene-d5	7.50	82	258518	65.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	86875	81.07	ng		-0.01
45) 2-Fluorobiphenyl	9.28	172	477465	64.11	ng		-0.01
79) Terphenyl-d14	13.04	244	369585	59.30	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	475	Below Cal		#	1
10) Phenol	6.57	94	19538	4.125	ng		84
19) n-Nitroso-di-n-propylamine	7.50	70	33091	12.079	ng	#	81
25) Isophorone	7.50	82	258518	39.820	ng	#	67
50) Dimethylphthalate	9.69	163	40185	5.078	ng		99
51) 2,6-Dinitrotoluene	9.97	165	13888	7.884	ng	#	21
57) 2,4-Dinitrotoluene	9.97	165	13888	6.076	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	5485	2.565	ng	#	1
71) Phenanthrene	11.49	178	43110	4.145	ng		98
72) Anthracene	11.49	178	43110	4.070	ng		98
75) Fluoranthene	12.69	202	51587	4.826	ng		98
78) Pyrene	12.93	202	55673	6.283	ng		98
81) Benzo(a)anthracene	14.12	228	18528	2.587	ng		95
83) Chrysene	14.16	228	20966	2.973	ng		97
84) Bis(2-ethylhexyl)phthalate	14.06	149	16551	3.105	ng		99
88) Benzo(b)fluoranthene	15.21	252	27172	3.926	ng	#	94
89) Benzo(k)fluoranthene	15.21	252	27172	3.815	ng	#	93
90) Benzo(a)pyrene	15.60	252	15597	2.421	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
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Acq On : 29 Nov 2018 14:27
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Sample : J6079-04RE
Misc :
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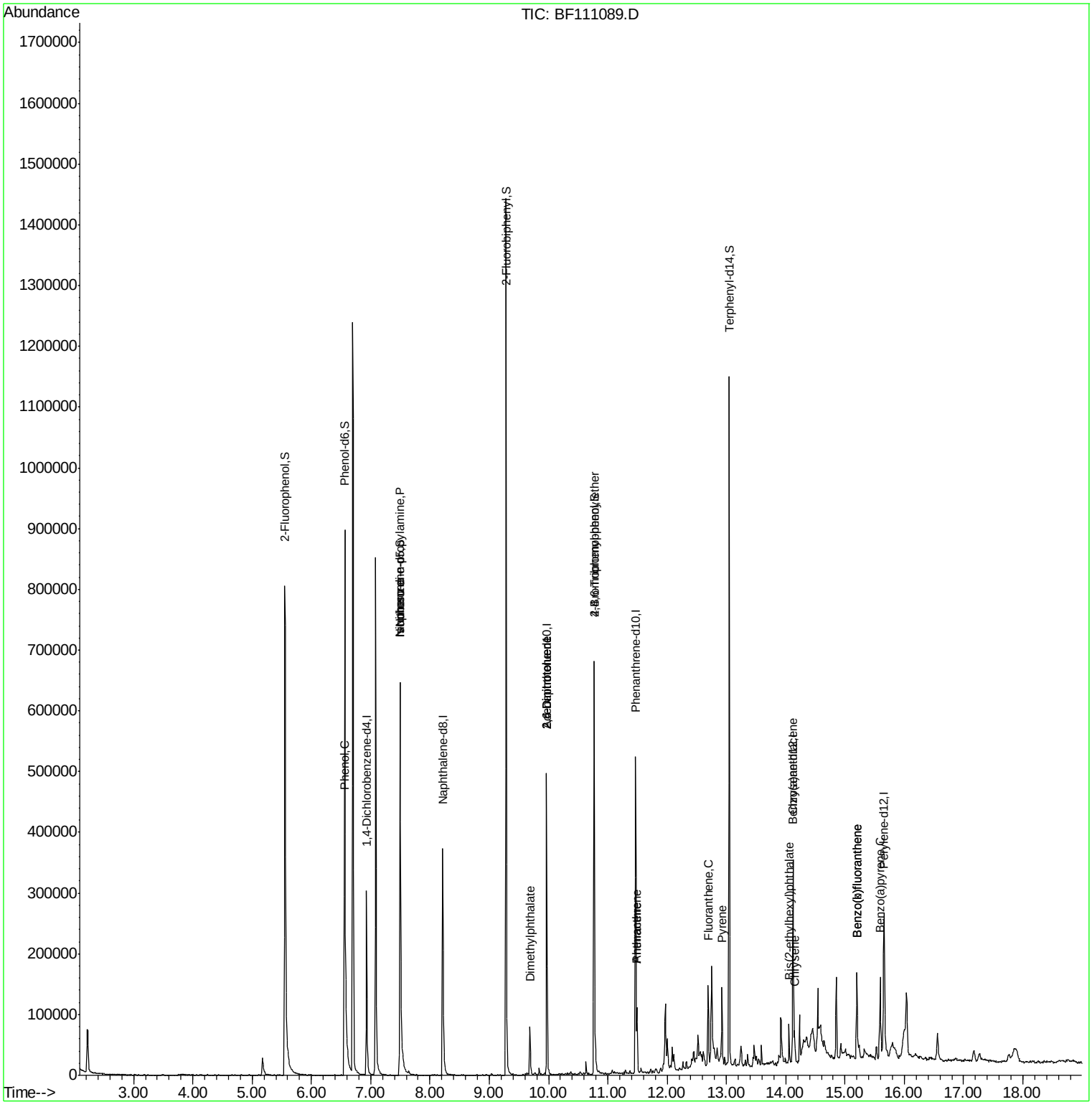
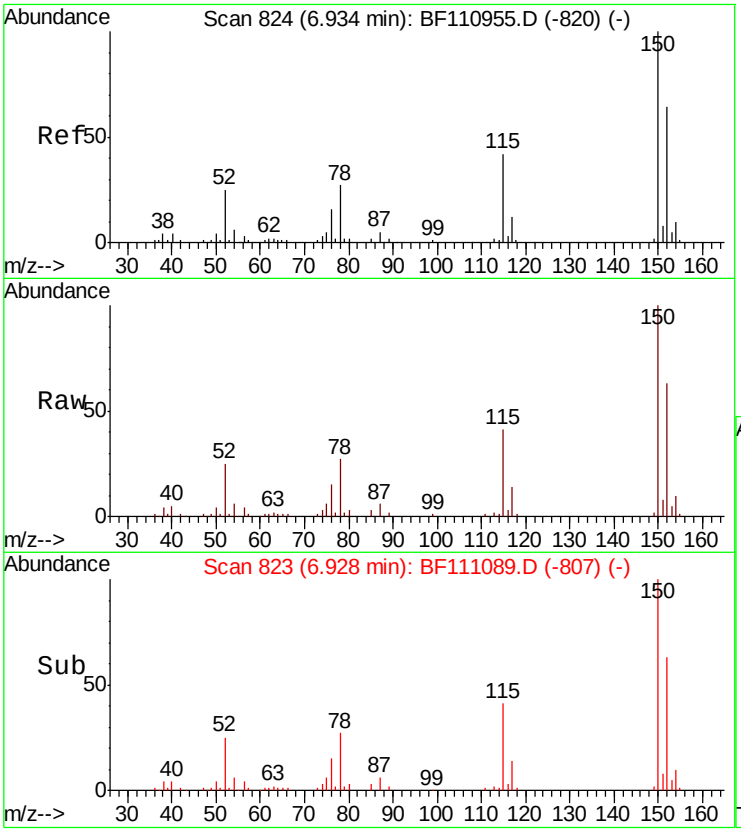
Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 29 15:17:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration



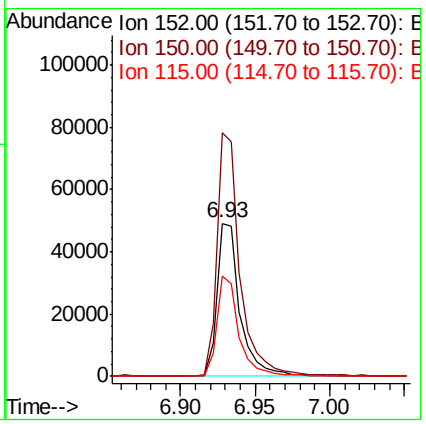


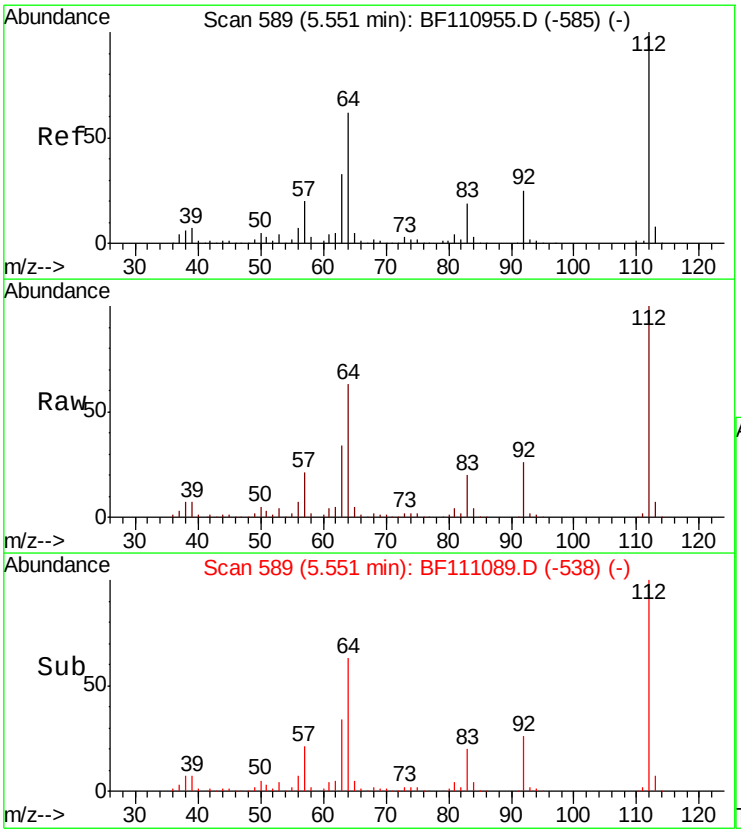
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 53519

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	65.5	49.1	73.7

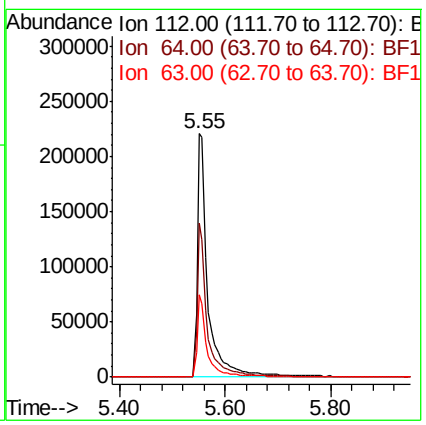


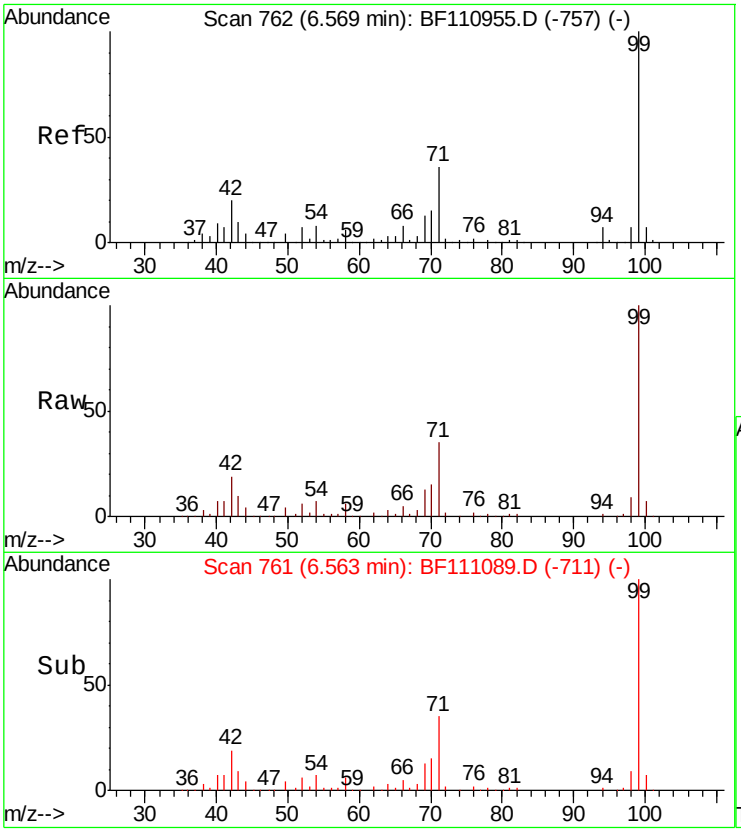


#5
2-Fluorophenol
Concen: 97.907 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:112 Resp: 315975

Ion	Ratio	Lower	Upper
112	100		
64	63.4	44.1	66.1
63	33.7	23.7	35.5



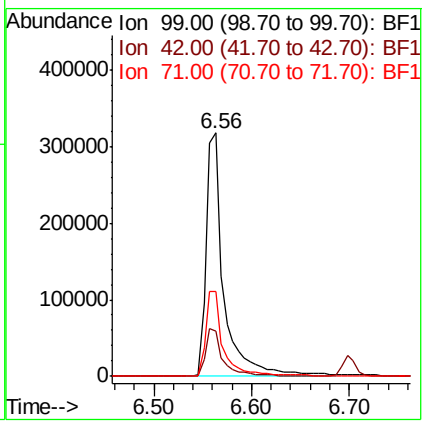


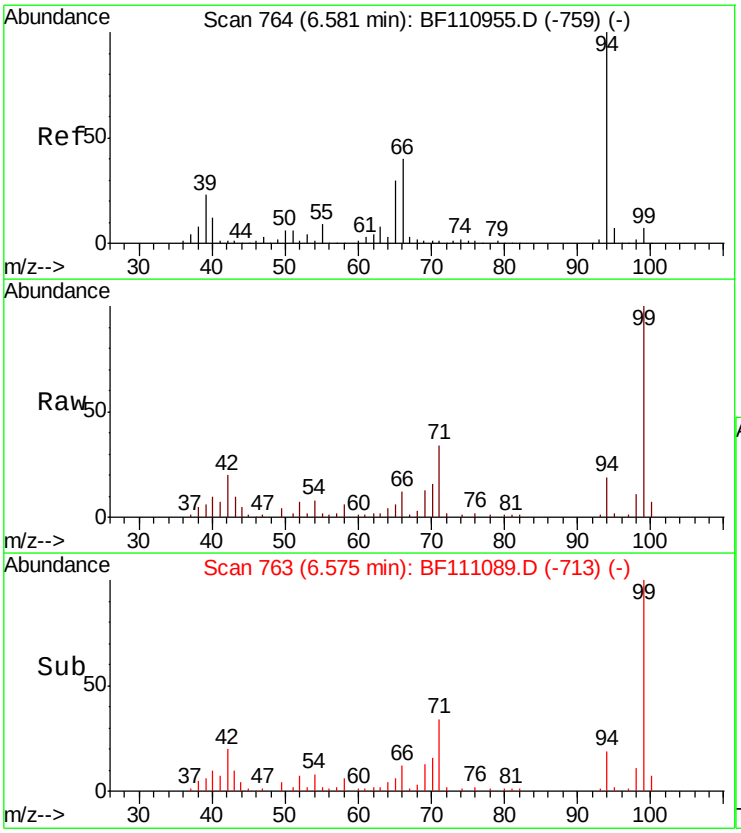
#7
Phenol-d6
Concen: 95.085 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 399901

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.7	28.0	42.0

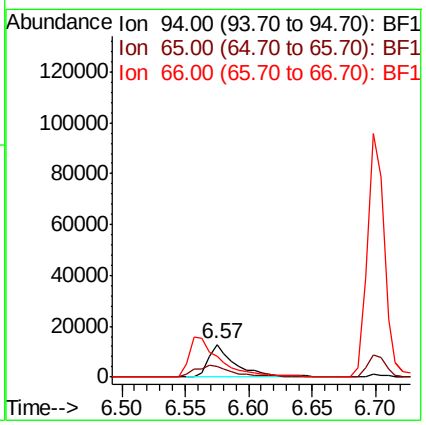


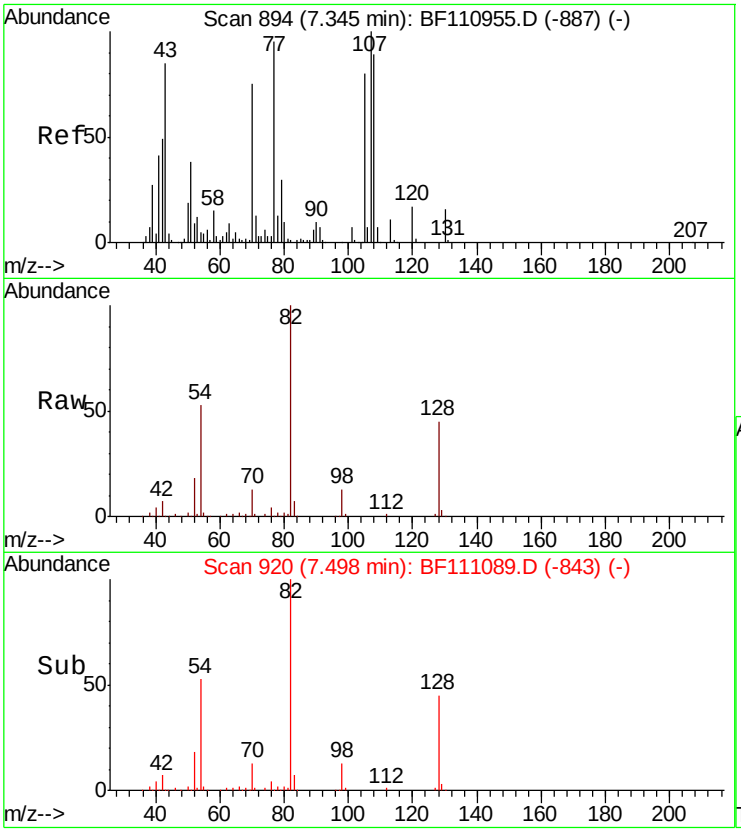


#10
Phenol
Concen: 4.125 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion: 94 Resp: 19538

Ion	Ratio	Lower	Upper
94	100		
65	34.0	25.3	65.3
66	62.1	54.5	94.5



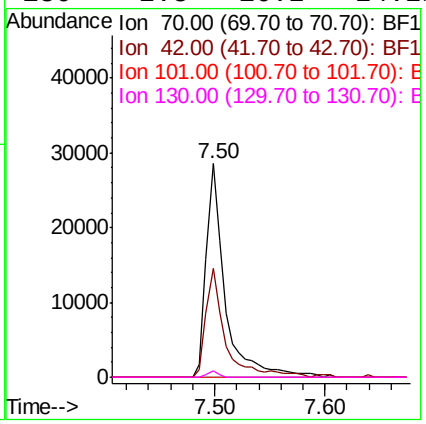


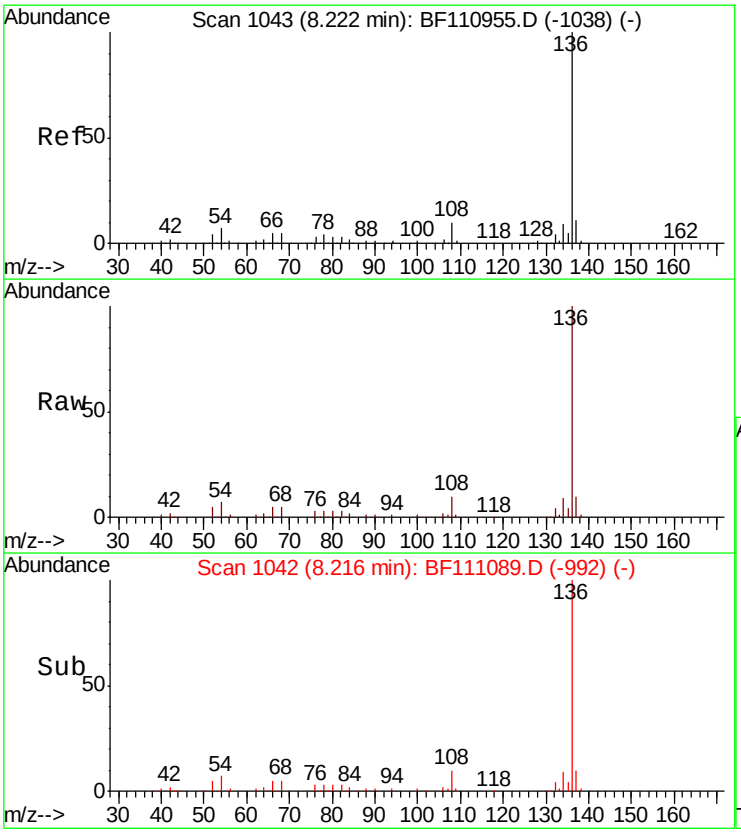
#19
n-Nitroso-di-n-propylamine
Concen: 12.079 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 33091

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.8	16.2	24.2#

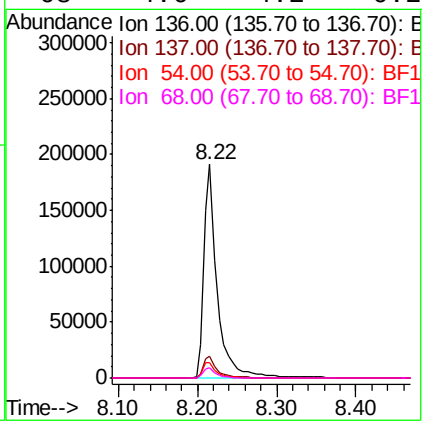


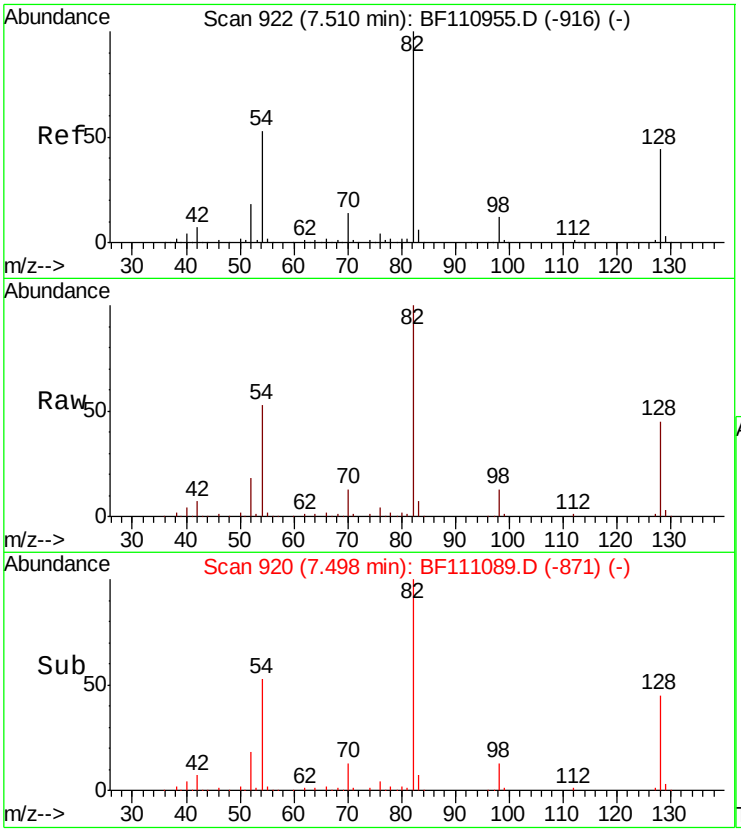


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:136 Resp: 226505

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	5.4	8.2
68	4.6	4.2	6.2



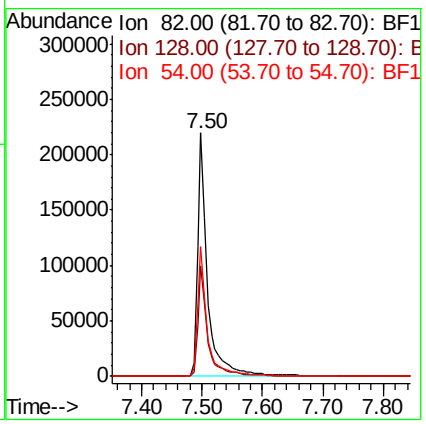


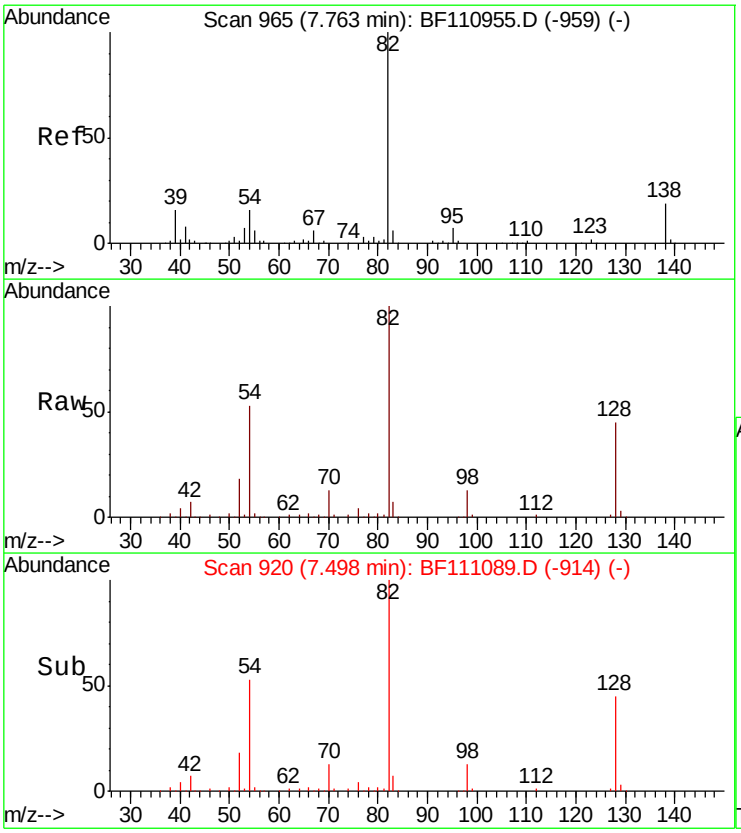
#23
Nitrobenzene-d5
Concen: 65.319 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 258518

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	53.3	38.6	58.0

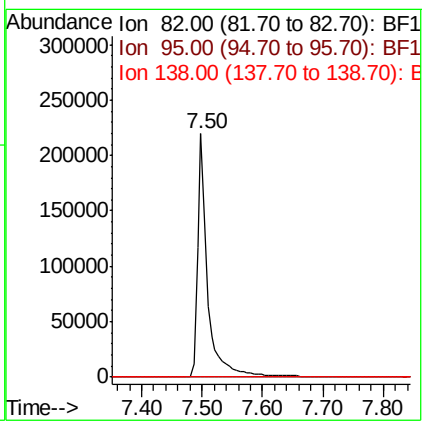


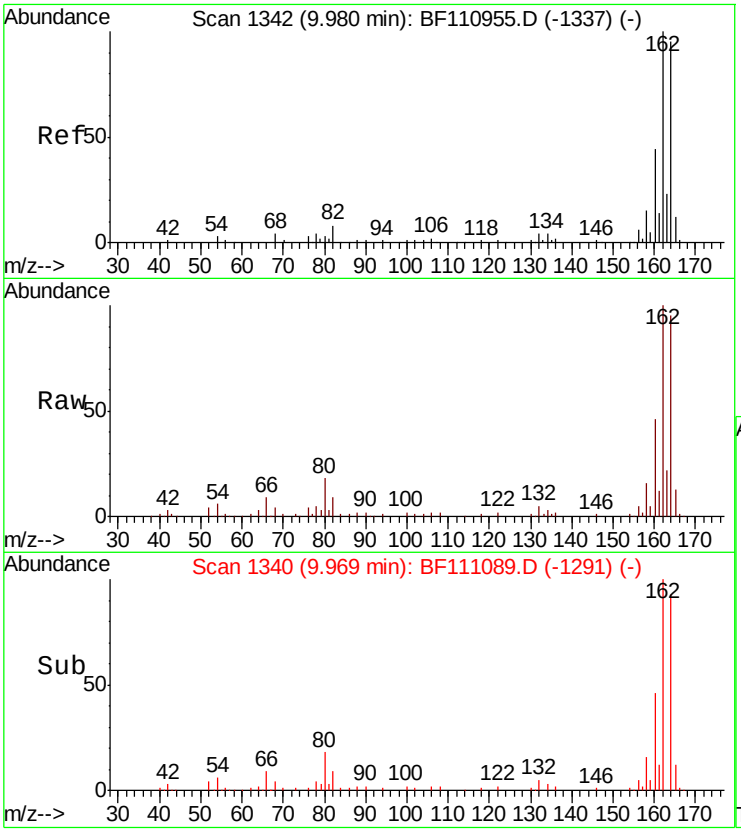


#25
Isophorone
Concen: 39.820 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion: 82 Resp: 258518

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



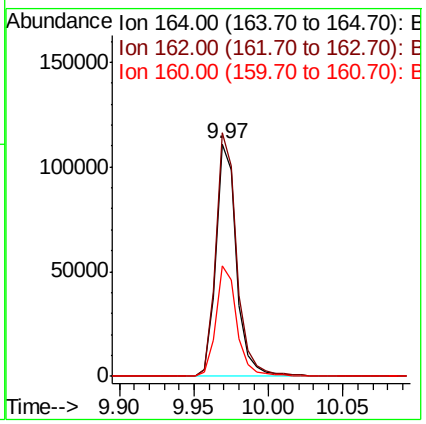


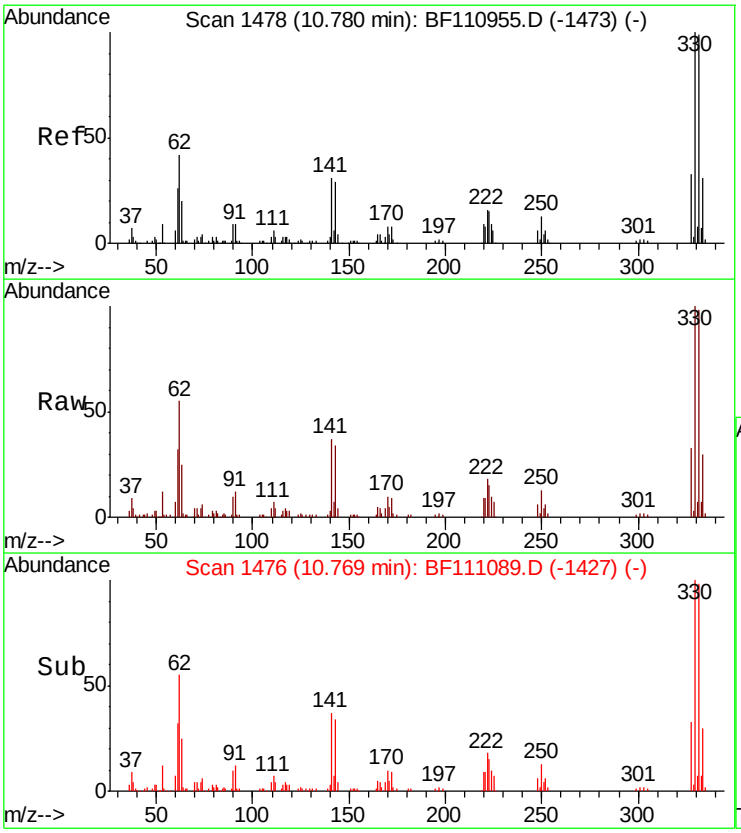
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 107895

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	47.8	37.0	55.6

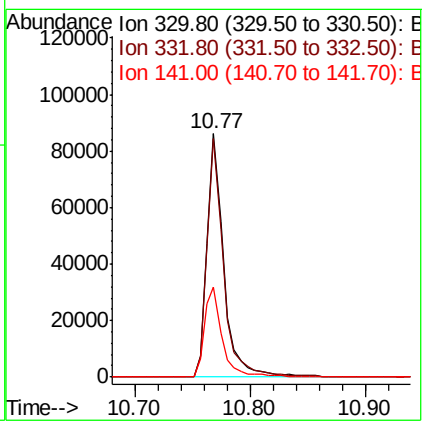


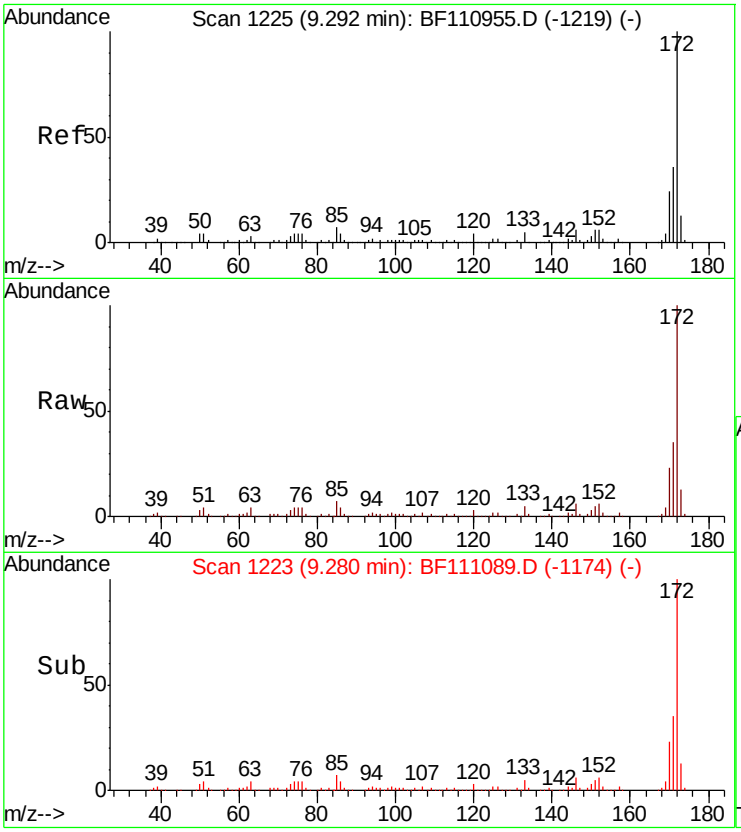


#42
2,4,6-Tribromophenol
Concen: 81.075 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:330 Resp: 86875

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	39.3	27.0	40.4



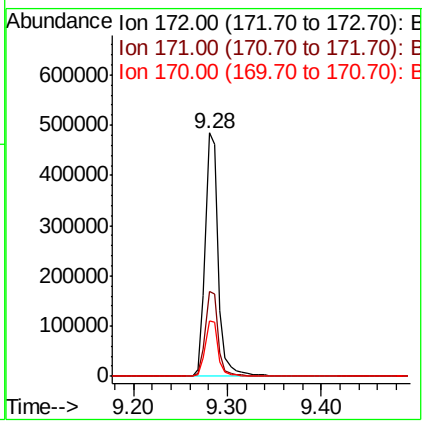


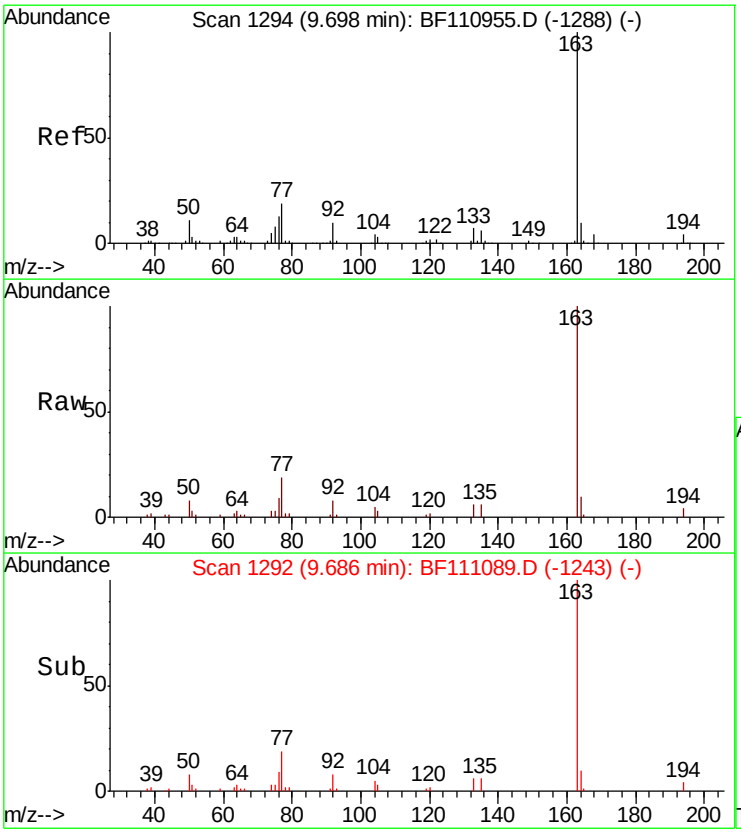
#45
2-Fluorobiphenyl
Concen: 64.112 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 477465

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.7	29.5

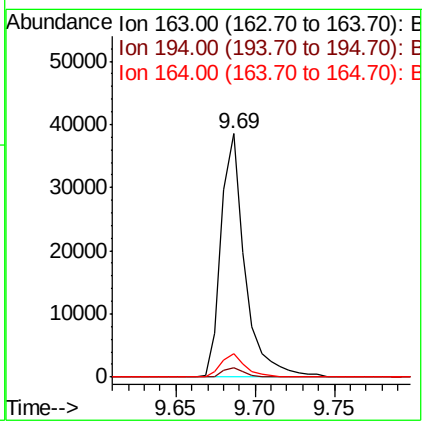


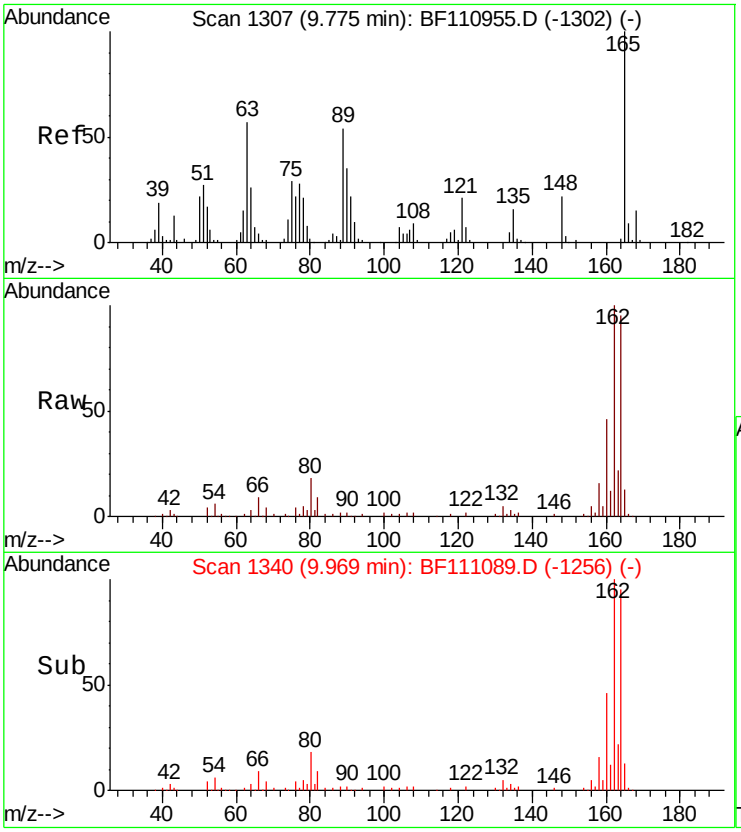


#50
Dimethylphthalate
Concen: 5.078 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:163 Resp: 40185

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.7	8.1	12.1



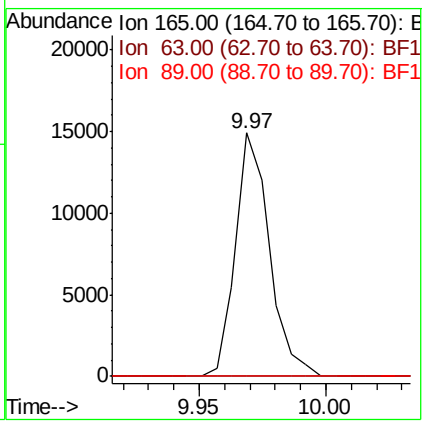


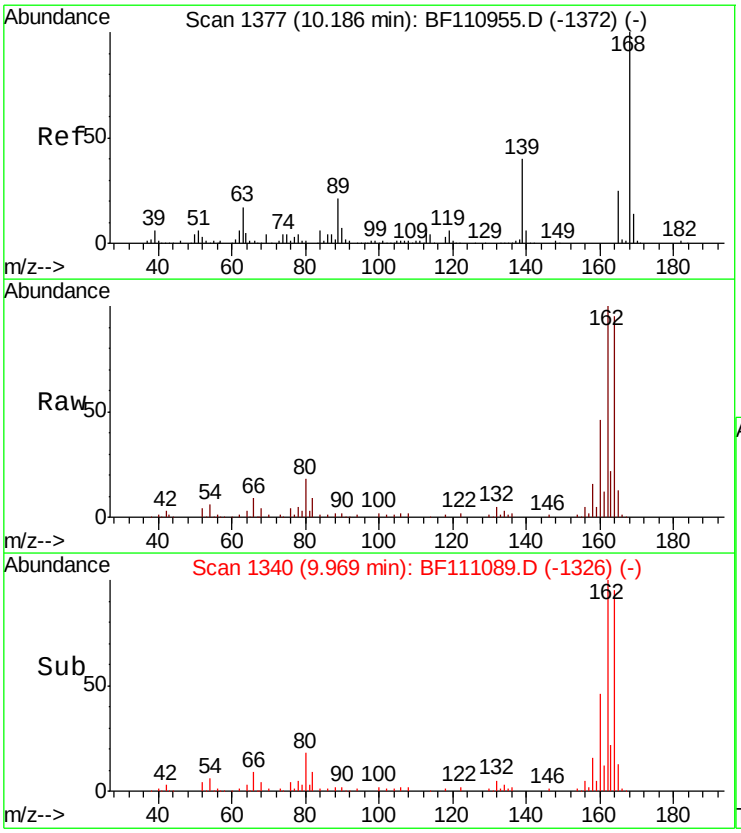
#51
2,6-Dinitrotoluene
Concen: 7.884 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.19 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13888

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

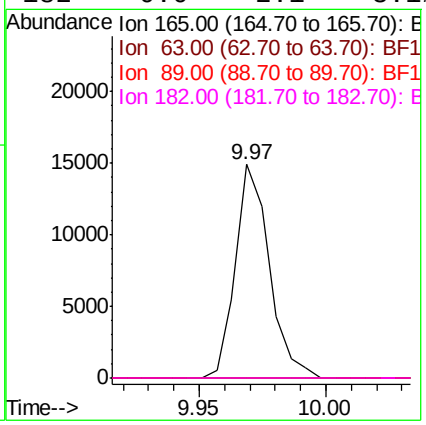


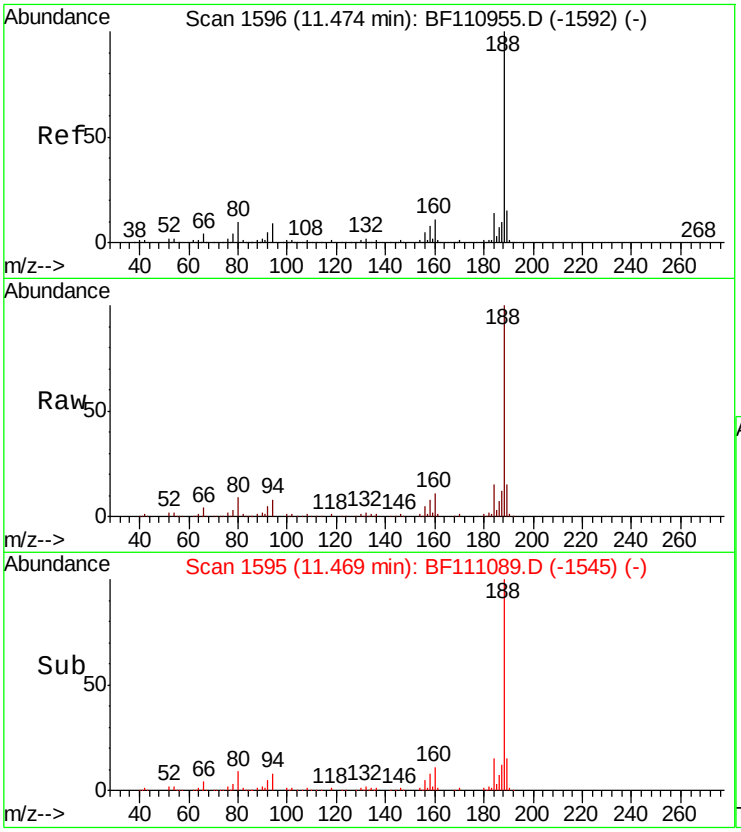


#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.22 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:165 Resp: 13888

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#



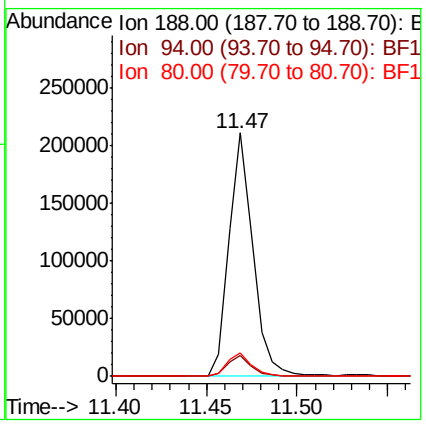


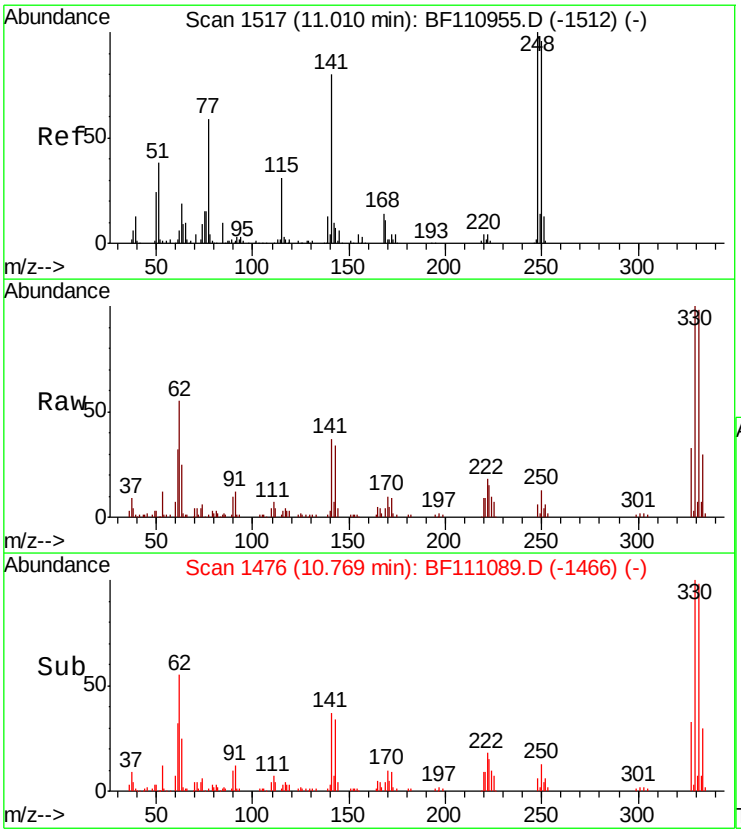
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 196379

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.5	7.9	11.9

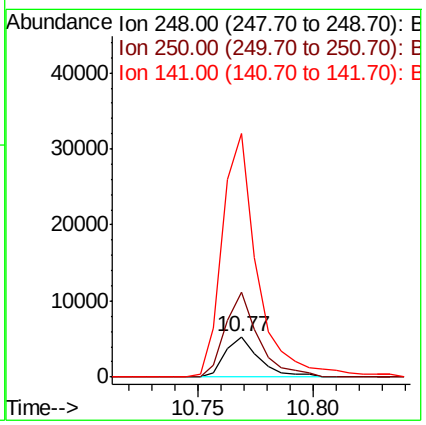


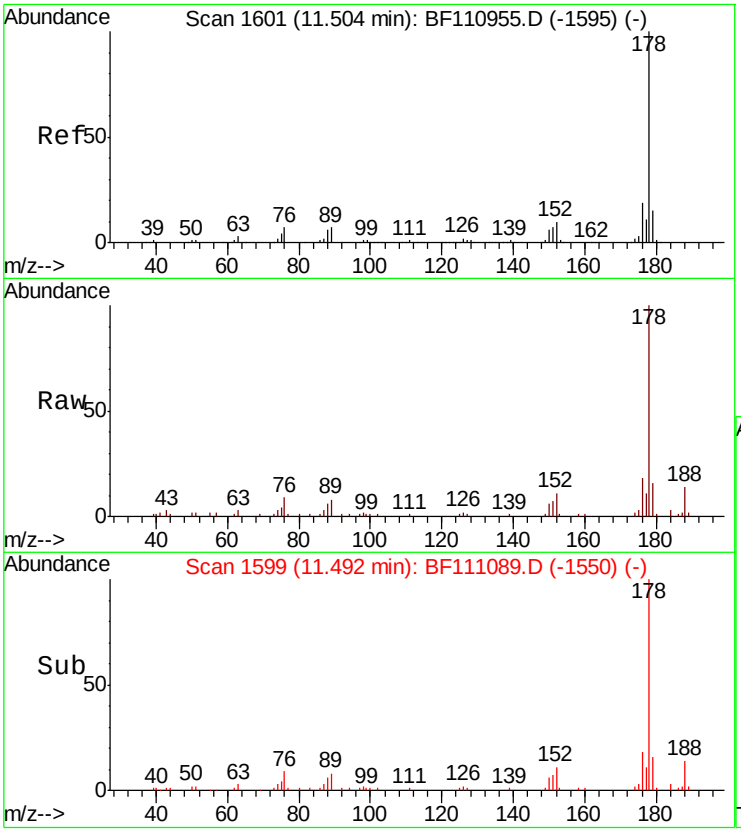


#67
4-Bromophenyl-phenylether
Concen: 2.565 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:248 Resp: 5485

Ion	Ratio	Lower	Upper
248	100		
250	209.5	79.4	119.2#
141	599.3	55.9	83.9#



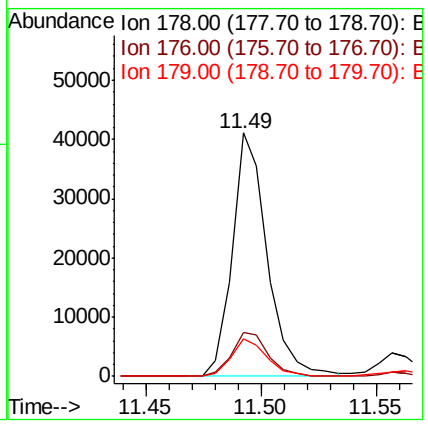


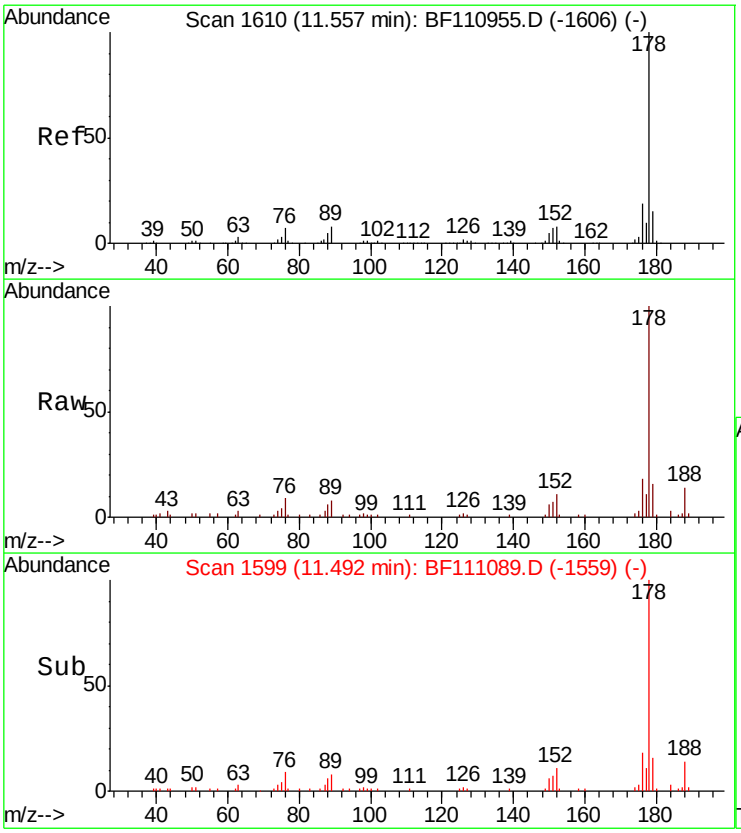
#71
Phenanthrene
Concen: 4.145 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 43110

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	15.6	12.5	18.7

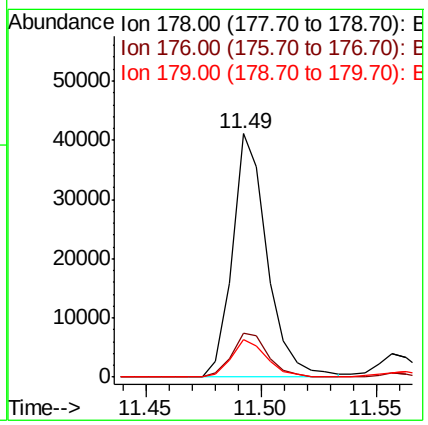


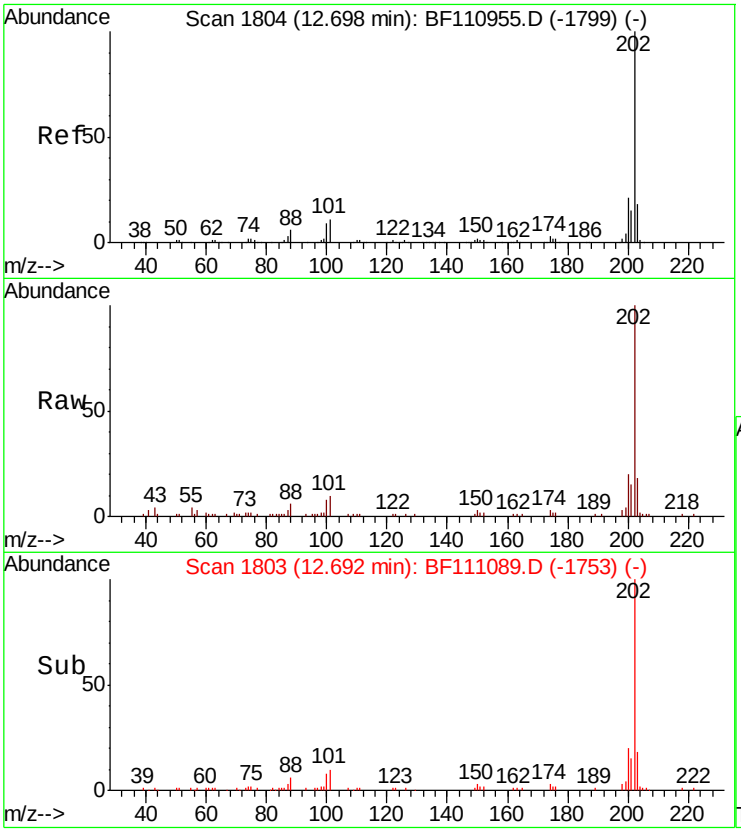


#72
Anthracene
Concen: 4.070 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.06 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:178 Resp: 43110

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.6	12.6	18.8



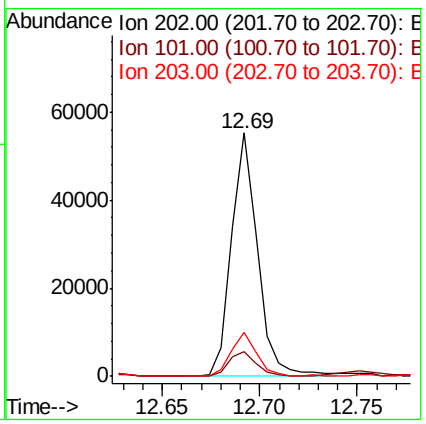


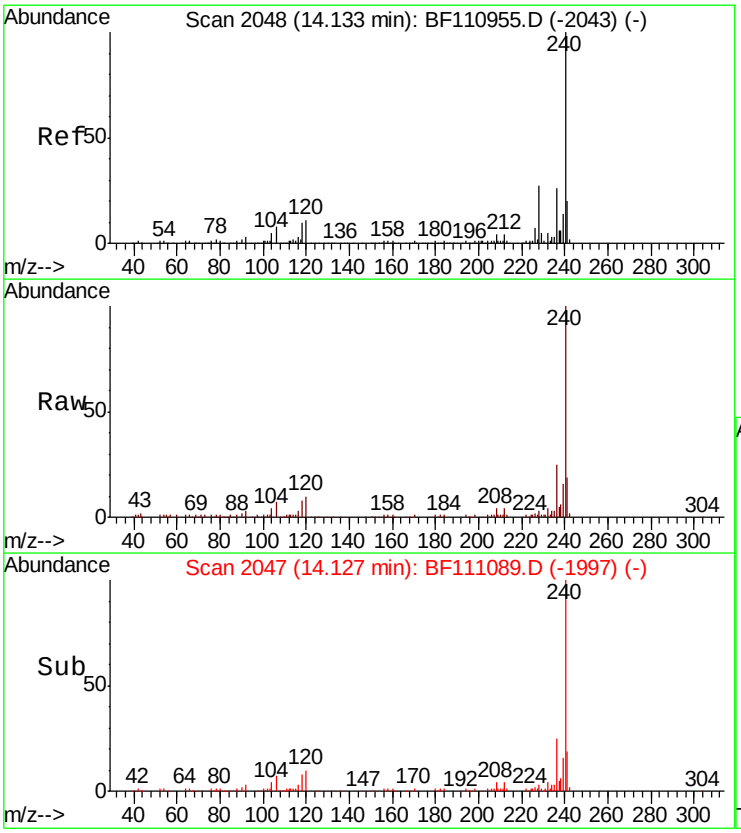
#75
Fluoranthene
Concen: 4.826 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 51587

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	18.1	0.0	37.7

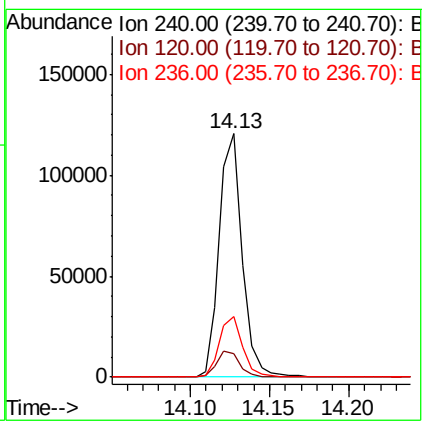


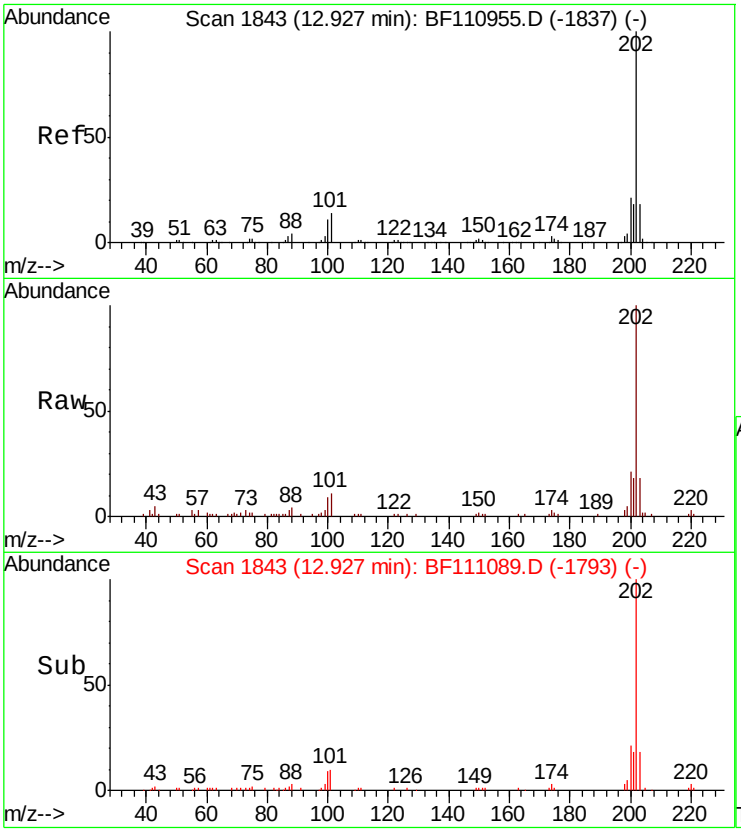


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:240 Resp: 121324

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.7	21.2	31.8



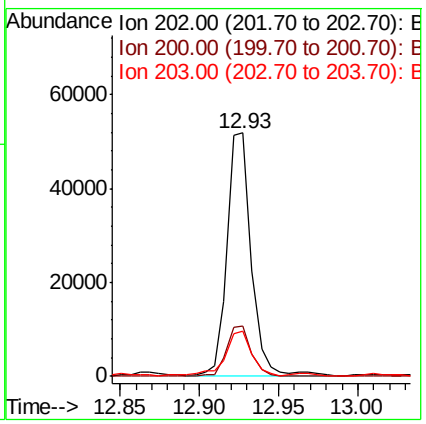


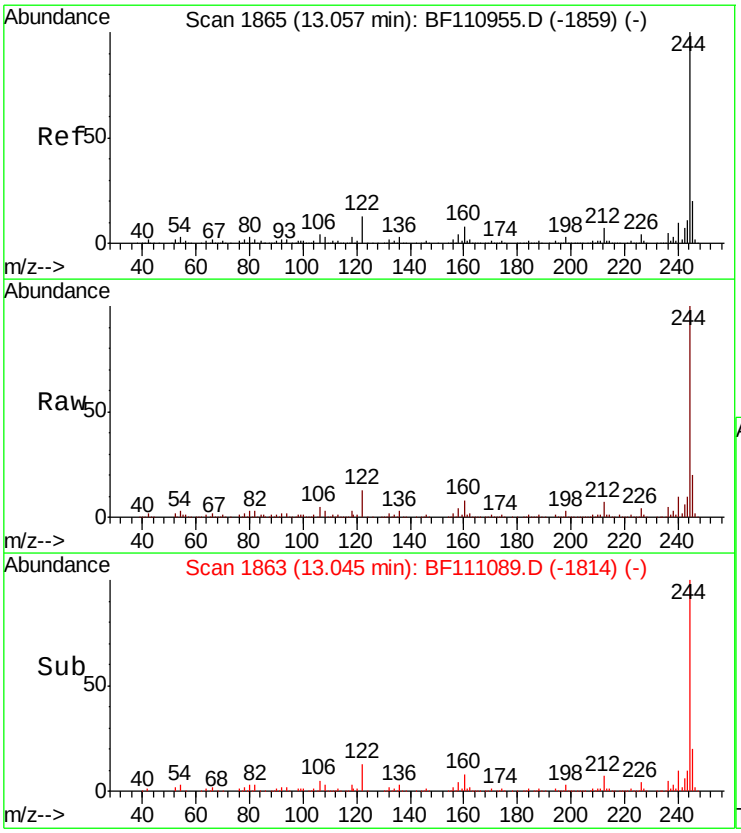
#78
Pyrene
Concen: 6.283 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 55673

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.4	14.2	21.4

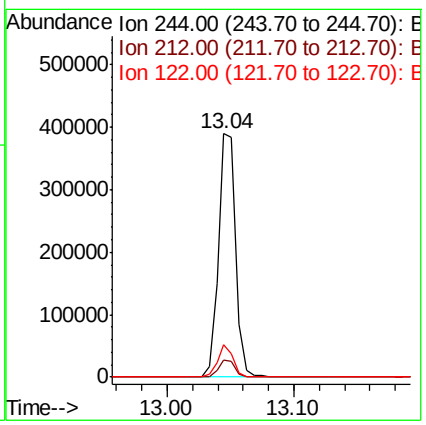


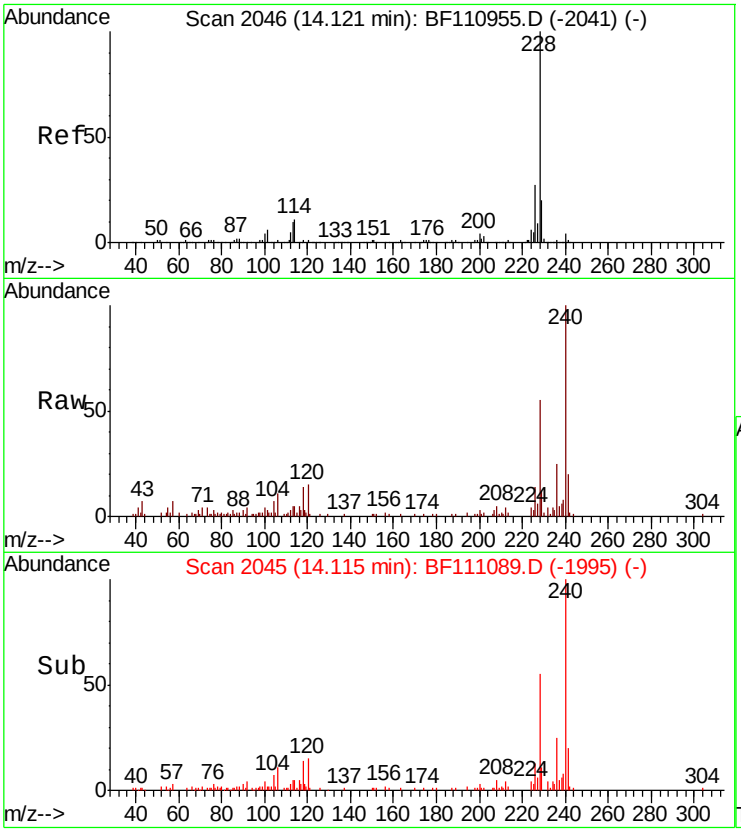


#79
Terphenyl-d14
Concen: 59.300 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:244 Resp: 369585

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.4	8.7	13.1#



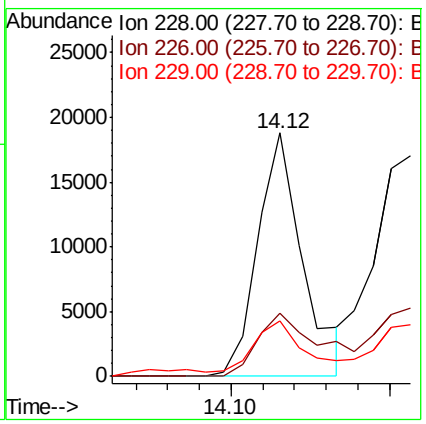


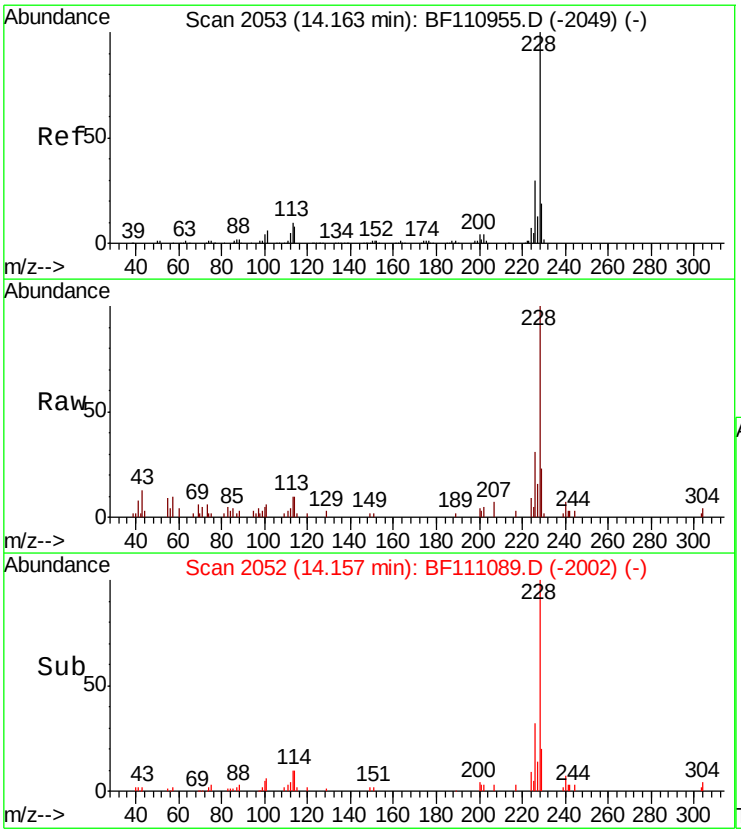
#81
Benzo(a)anthracene
Concen: 2.587 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 18528

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	22.5	15.6	23.4

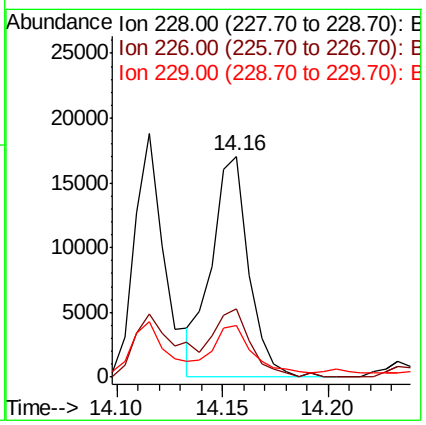


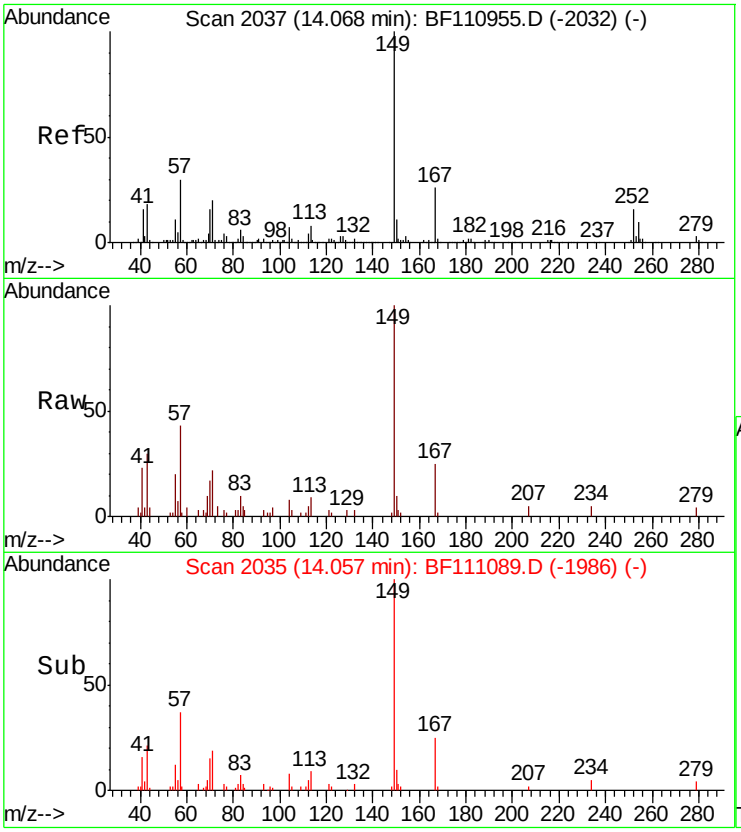


#83
Chrysene
Concen: 2.973 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:228 Resp: 20966

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	23.4	15.9	23.9



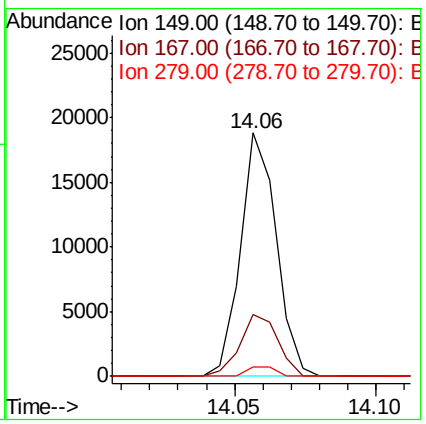


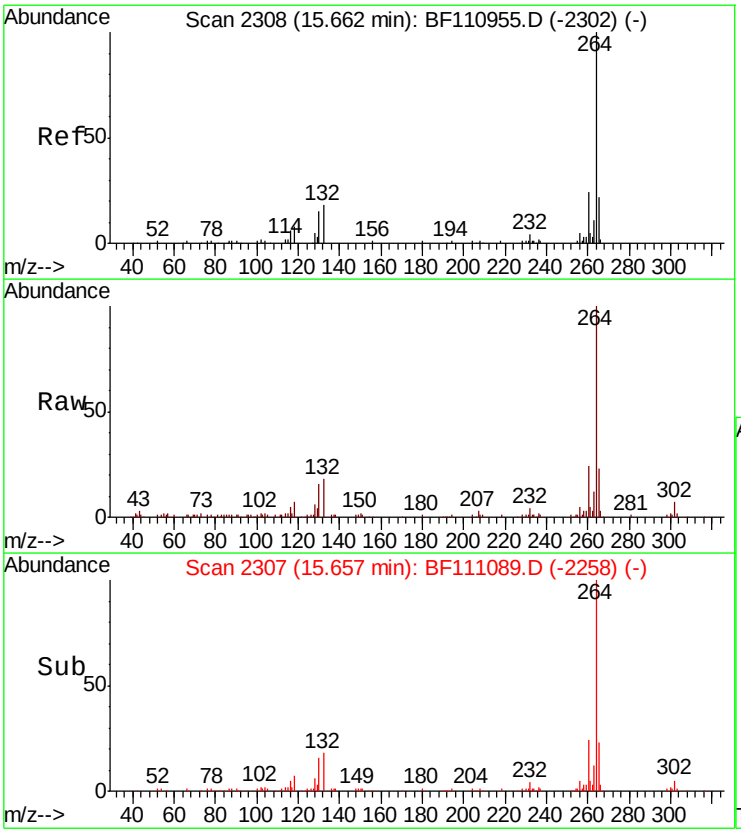
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.105 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16551

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.8	2.7	4.1

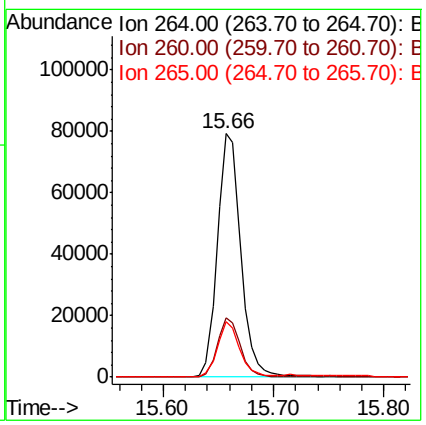


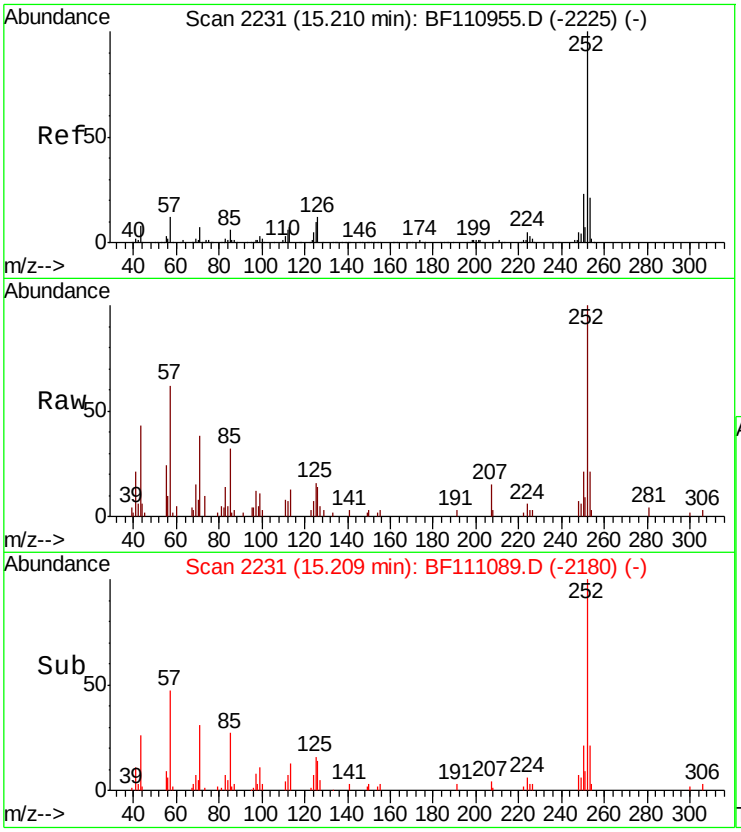


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:264 Resp: 117802

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	23.0	16.7	25.1



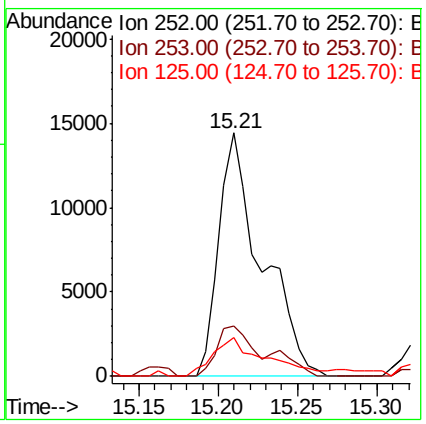


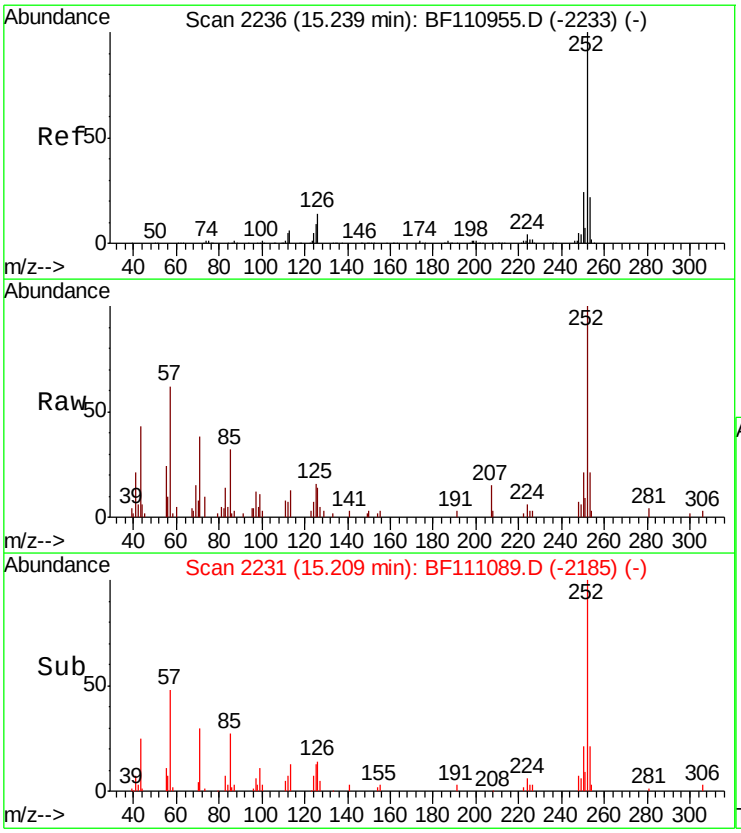
#88
Benzo(b)fluoranthene
Concen: 3.926 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27172

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.2	25.8
125	16.1	8.2	12.4#

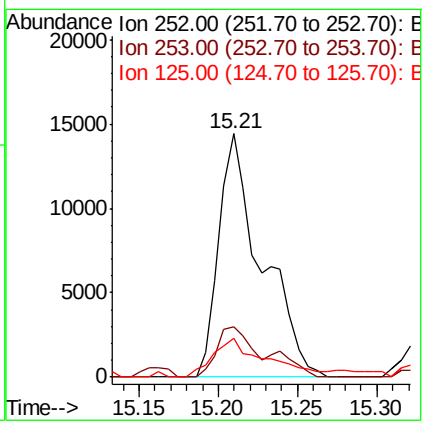


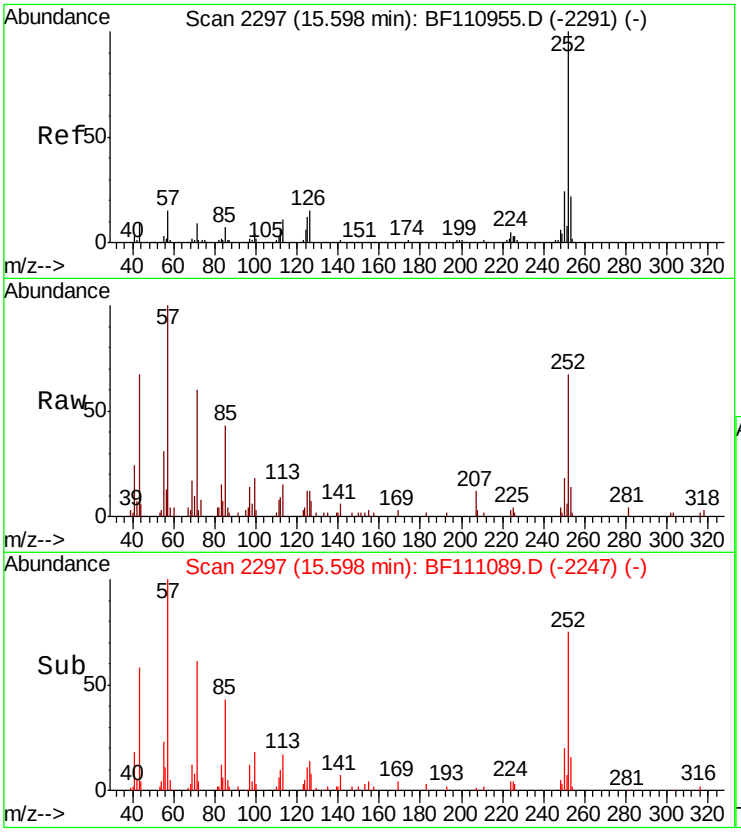


#89
Benzo(k)fluoranthene
Concen: 3.815 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Tgt Ion:252 Resp: 27172

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.2	25.8
125	16.1	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.421 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111089.D
Acq: 29 Nov 2018 14:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 15597

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	17.7	9.0	13.6#