Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111055.D
Acq On : 28 Nov 2018 19:43
Operator : JU/SJ
Sample : J6080-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-06

Quant Time: Nov 29 01:29:04 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	59021	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	239467	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	98795	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	149578	20.00	ng		0.00
76) Chrysene-d12	14.13	240	120679	20.00	ng		0.00
87) Perylene-d12	15.66	264	98122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	318132	89.39	ng		0.00
7) Phenol-d6	6.56	99	404215	87.15	ng		0.00
23) Nitrobenzene-d5	7.50	82	261465	62.49	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	76543	78.01	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	409356	60.03	ng		0.00
79) Terphenyl-d14	13.05	244	279683	45.11	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	662	Below Cal		#	1
10) Phenol	6.57	94	23886	4.573	ng		83
19) n-Nitroso-di-n-propylamine	7.50	70	33986	11.249	ng	#	80
25) Isophorone	7.50	82	261465	38.094	ng	#	67
50) Dimethylphthalate	9.69	163	27464	3.790	ng	#	99
51) 2,6-Dinitrotoluene	9.97	165	12190	7.557	ng	#	21
56) 4-Nitrophenol	10.20	139	1069	5.206	ng	#	6
57) 2,4-Dinitrotoluene	9.97	165	12190	5.825	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	4750	2.916	ng	#	1
71) Phenanthrene	11.50	178	51883	6.549	ng		99
75) Fluoranthene	12.69	202	57620	7.077	ng		99
78) Pyrene	12.93	202	50652	5.747	ng		97
81) Benzo(a)anthracene	14.12	228	23221	3.259	ng	#	96
83) Chrysene	14.16	228	21836	3.113	ng		95
88) Benzo(b)fluoranthene	15.22	252	28272	4.905	ng	#	92
89) Benzo(k)fluoranthene	15.22	252	28272	4.765	ng	#	91
90) Benzo(a)pyrene	15.60	252	15852	2.954	ng	#	94

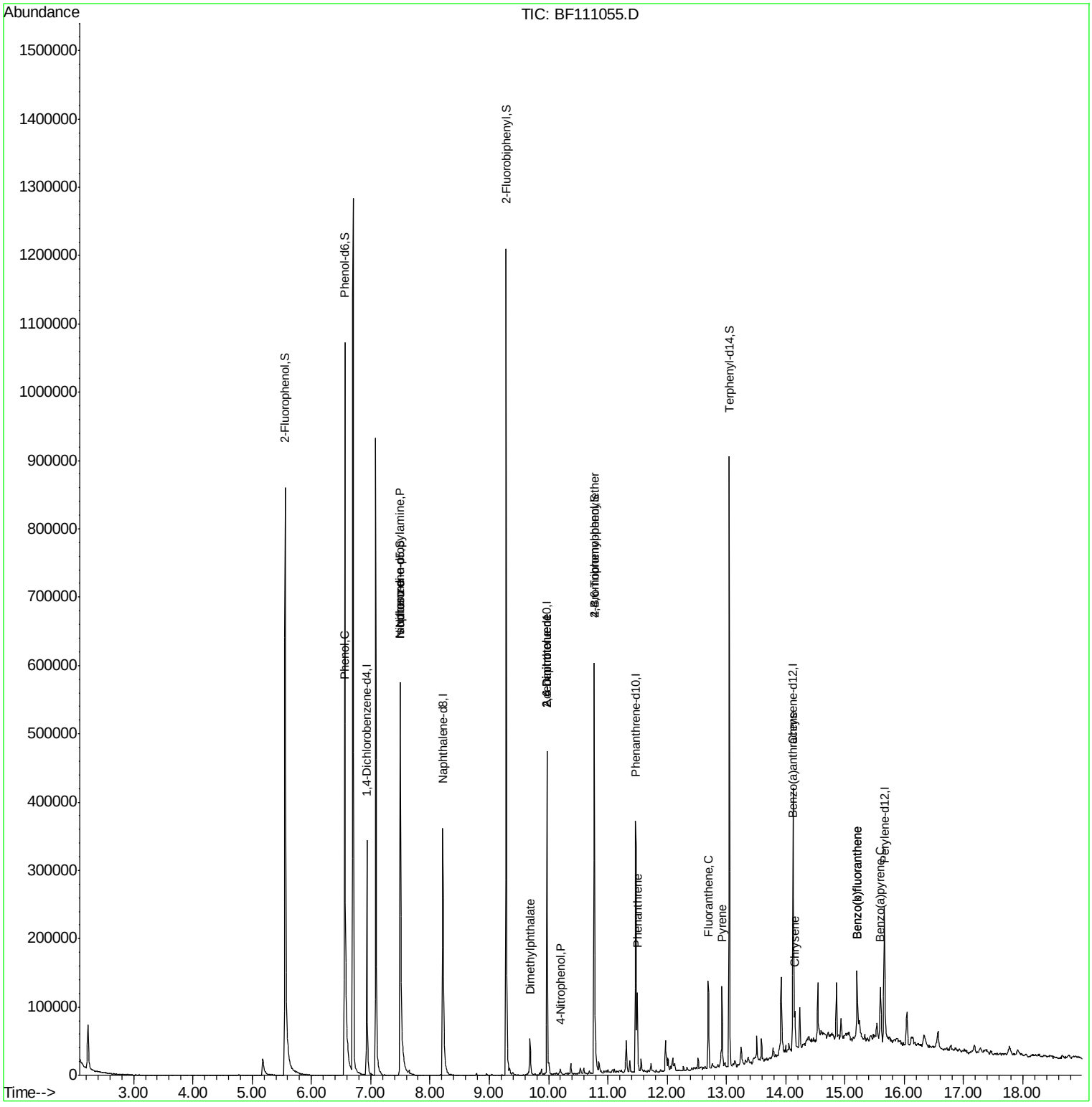
(#) = qualifier out of range (m) = manual integration (+) = signals summed

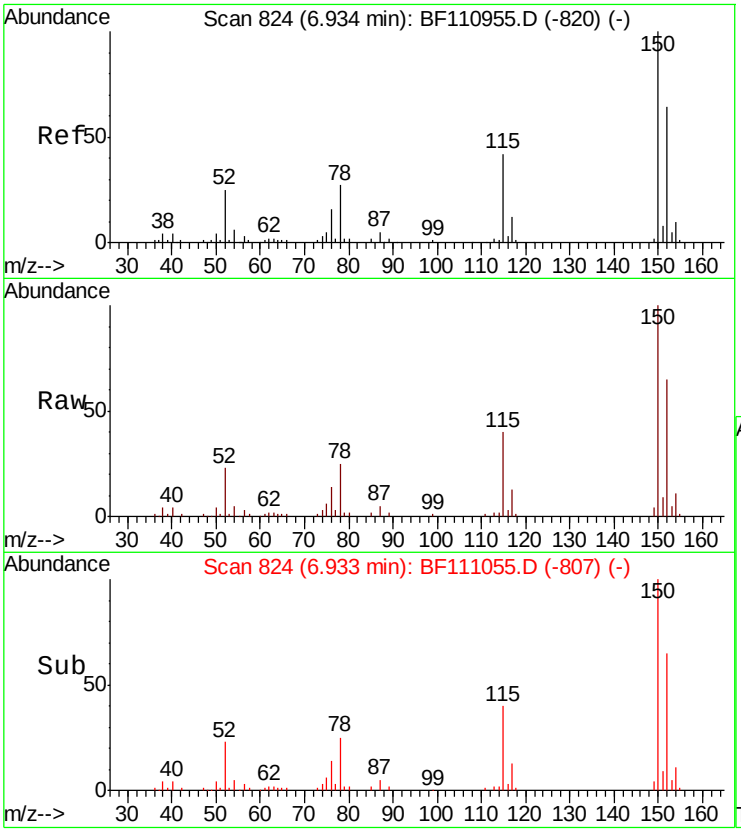
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111055.D
Acq On : 28 Nov 2018 19:43
Operator : JU/SJ
Sample : J6080-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-06

Quant Time: Nov 29 01:29:04 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



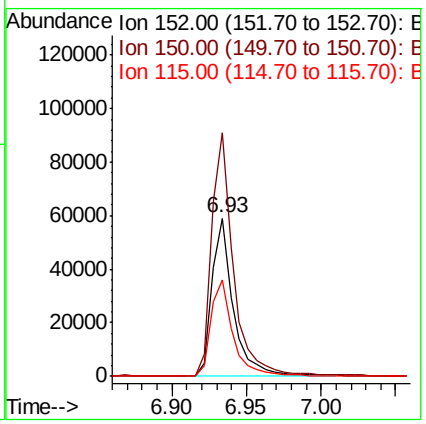


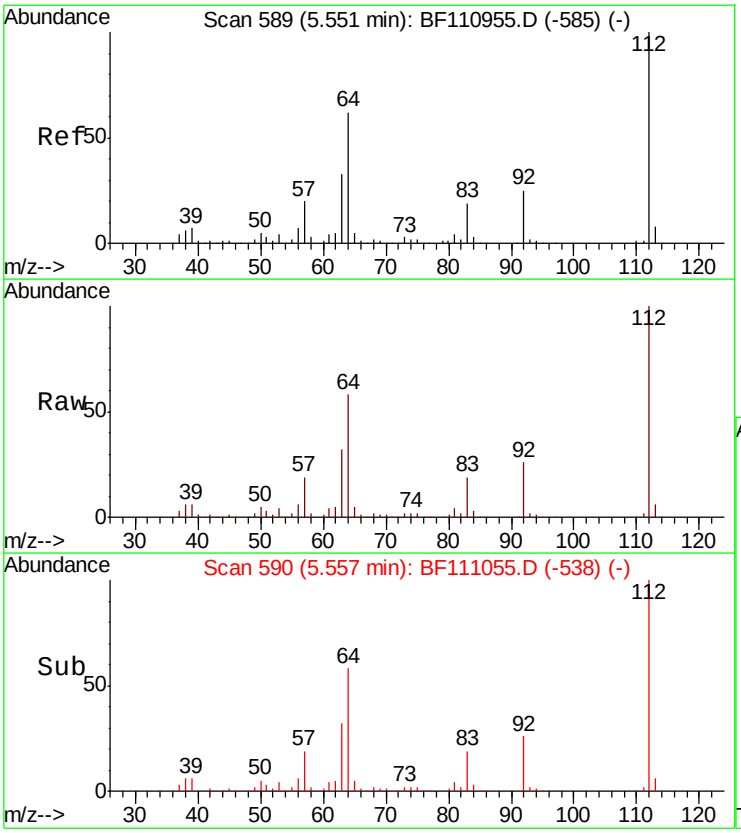
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:152 Resp: 59021

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	61.3	49.1	73.7

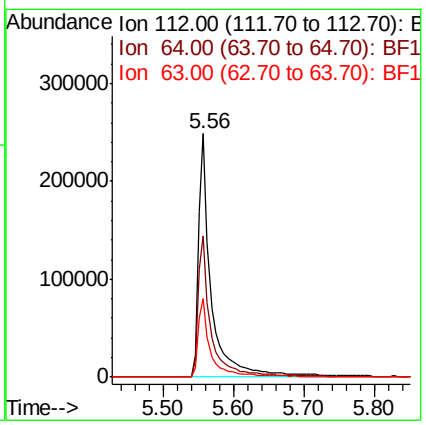


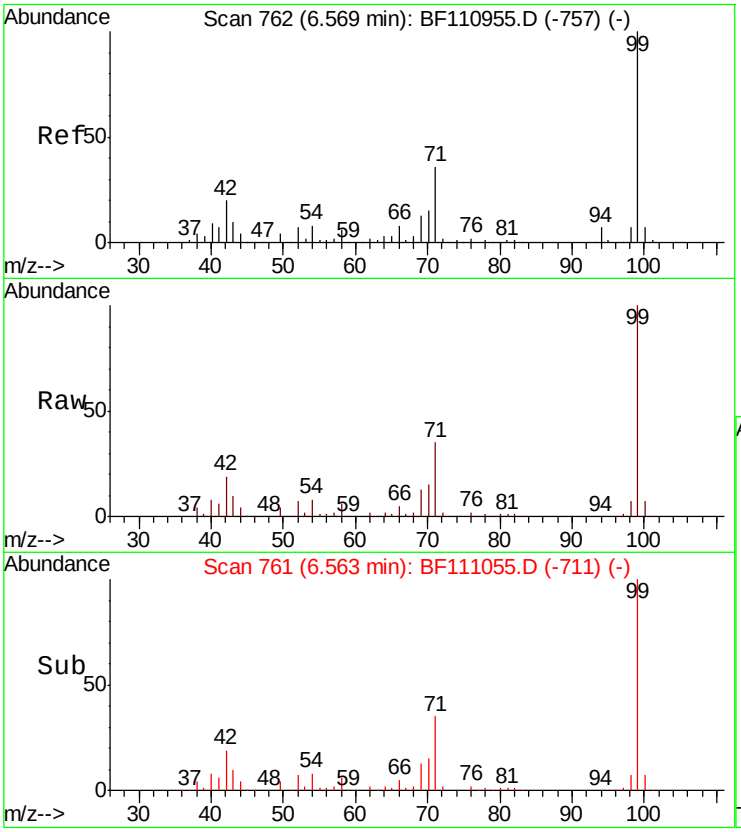


#5
2-Fluorophenol
Concen: 89.386 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:112 Resp: 318132

Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	32.0	23.7	35.5



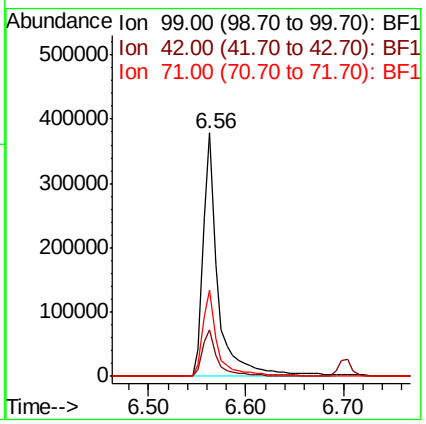


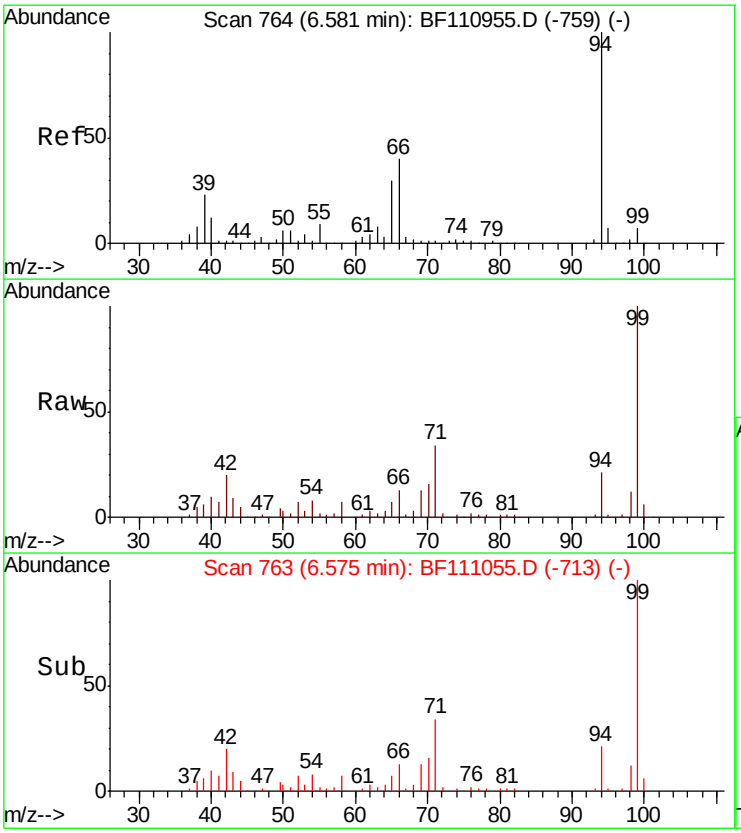
#7
Phenol-d6
Concen: 87.151 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion: 99 Resp: 404215

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	35.2	28.0	42.0

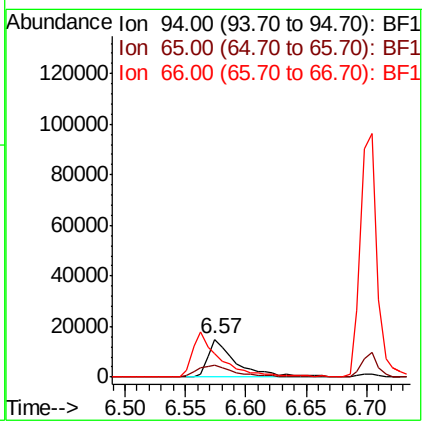


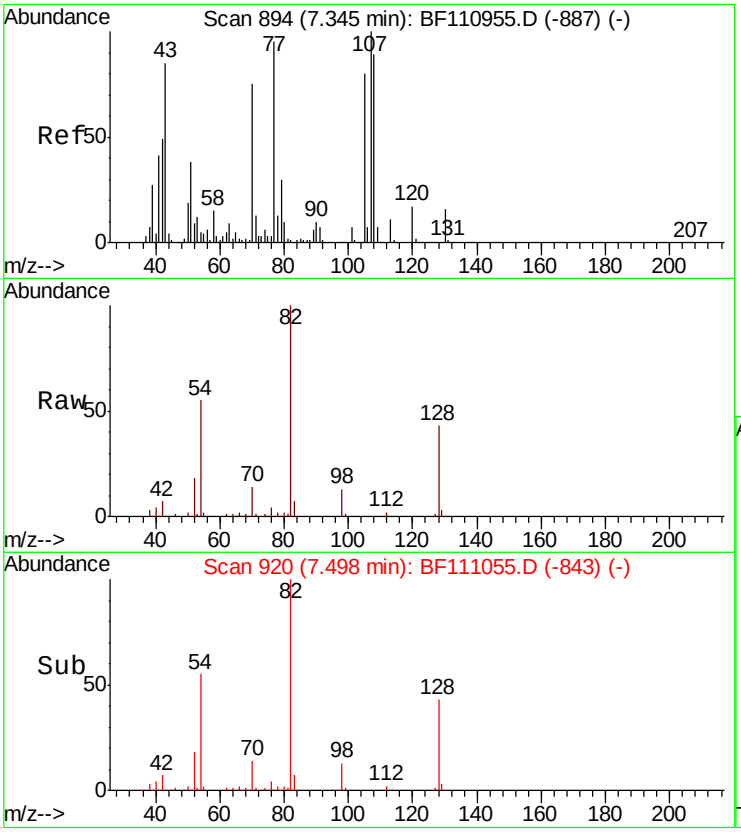


#10
Phenol
Concen: 4.573 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion: 94 Resp: 23886

Ion	Ratio	Lower	Upper
94	100		
65	32.8	25.3	65.3
66	61.8	54.5	94.5



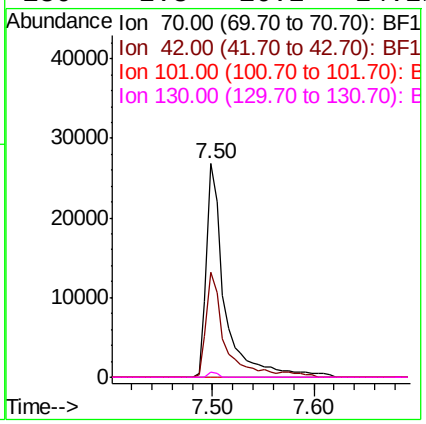


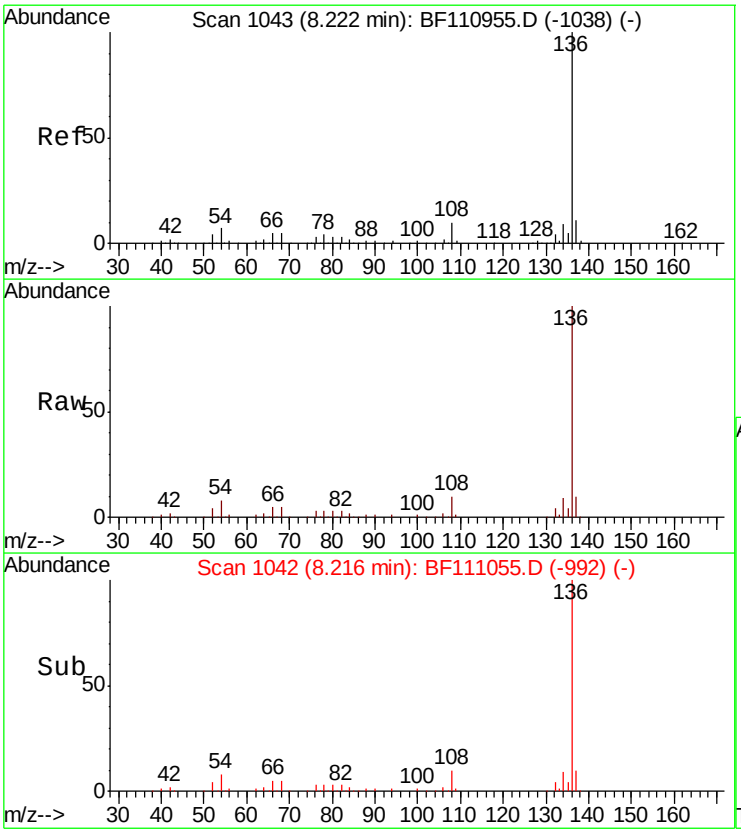
#19
n-Nitroso-di-n-propylamine
Concen: 11.249 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion: 70 Resp: 33986

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

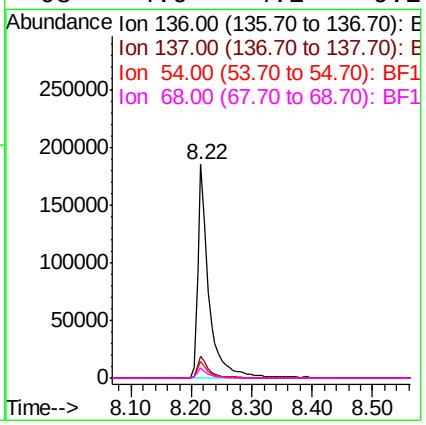


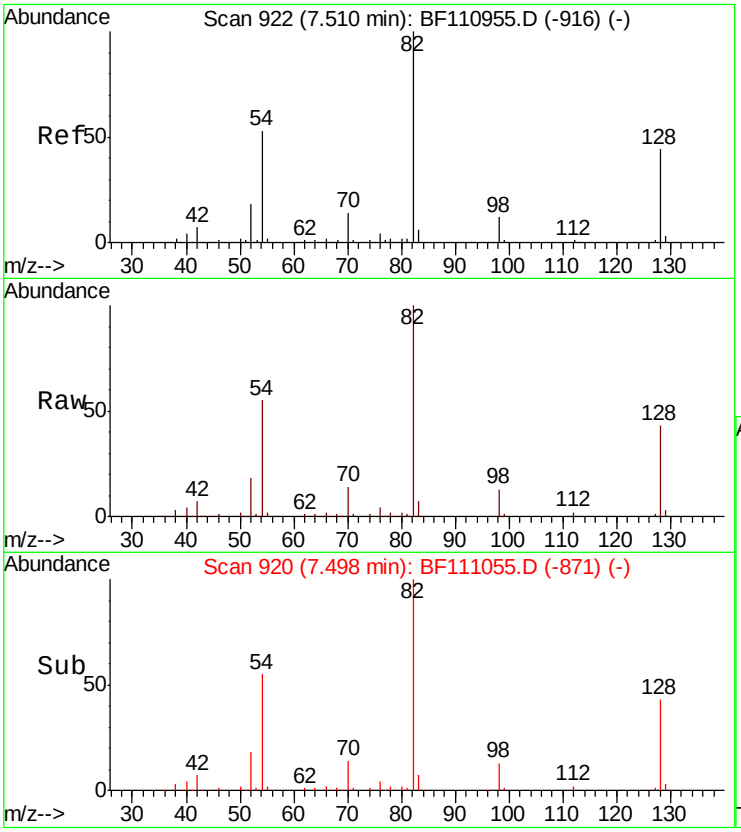


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:136 Resp: 239467

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.8	5.4	8.2
68	4.9	4.2	6.2



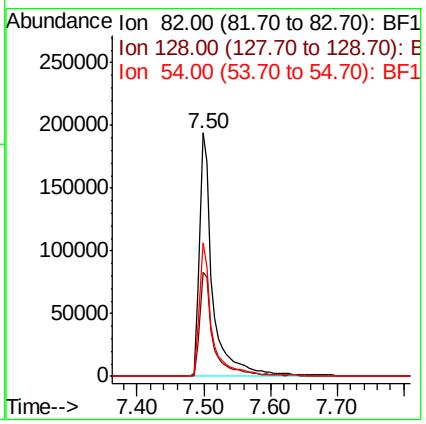


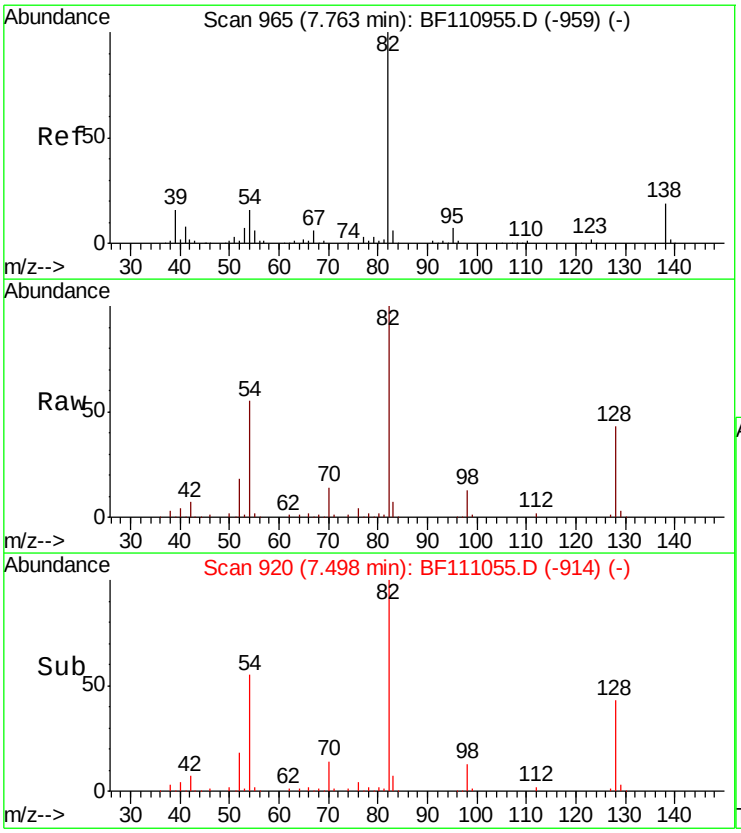
#23
Nitrobenzene-d5
Concen: 62.488 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion: 82 Resp: 261465

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	55.0	38.6	58.0

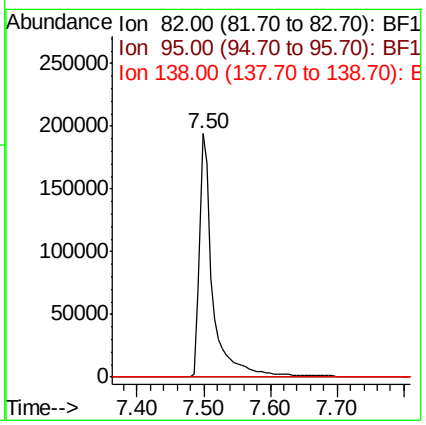


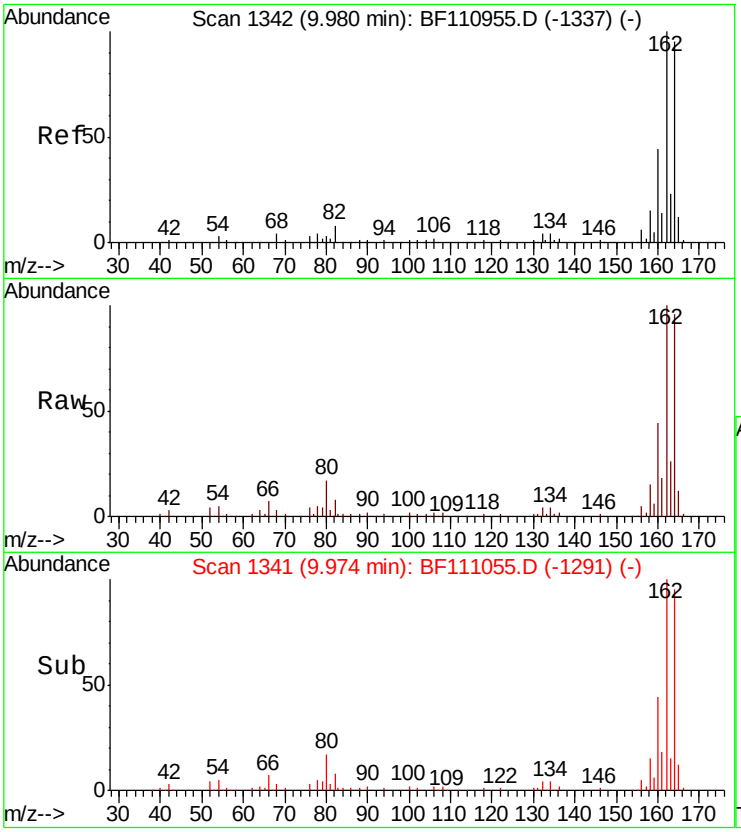


#25
Isophorone
Concen: 38.094 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion: 82 Resp: 261465

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



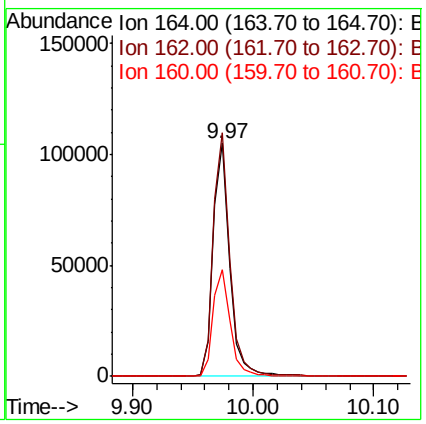


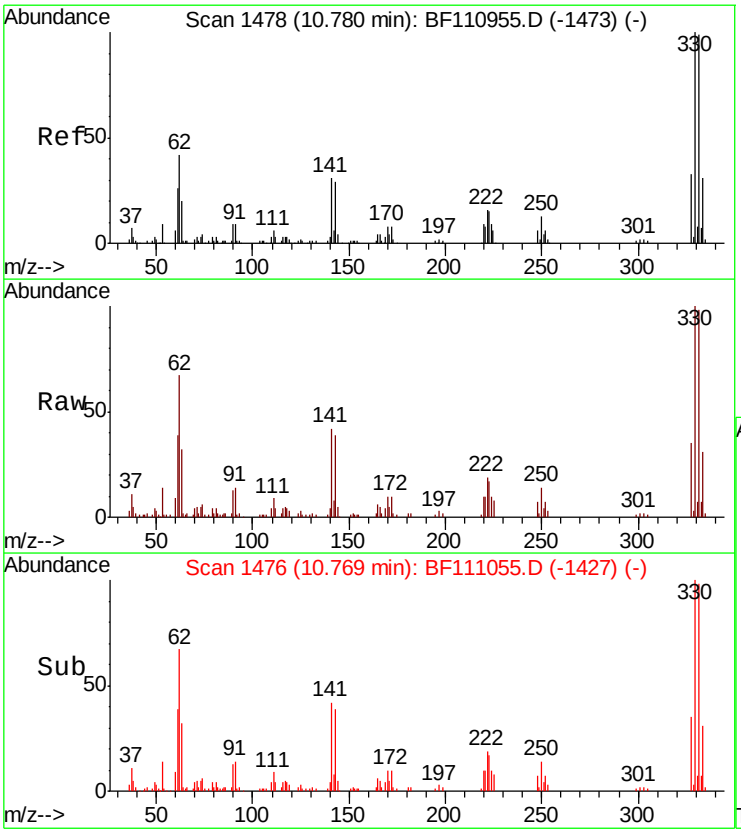
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:164 Resp: 98795

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	45.9	37.0	55.6

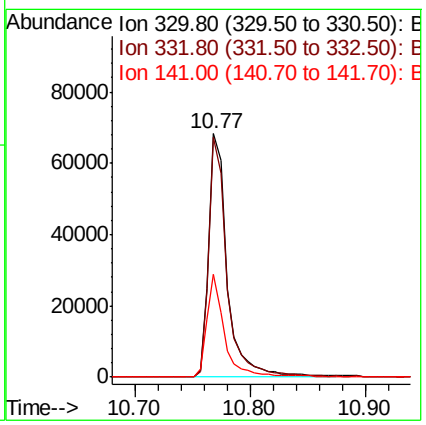


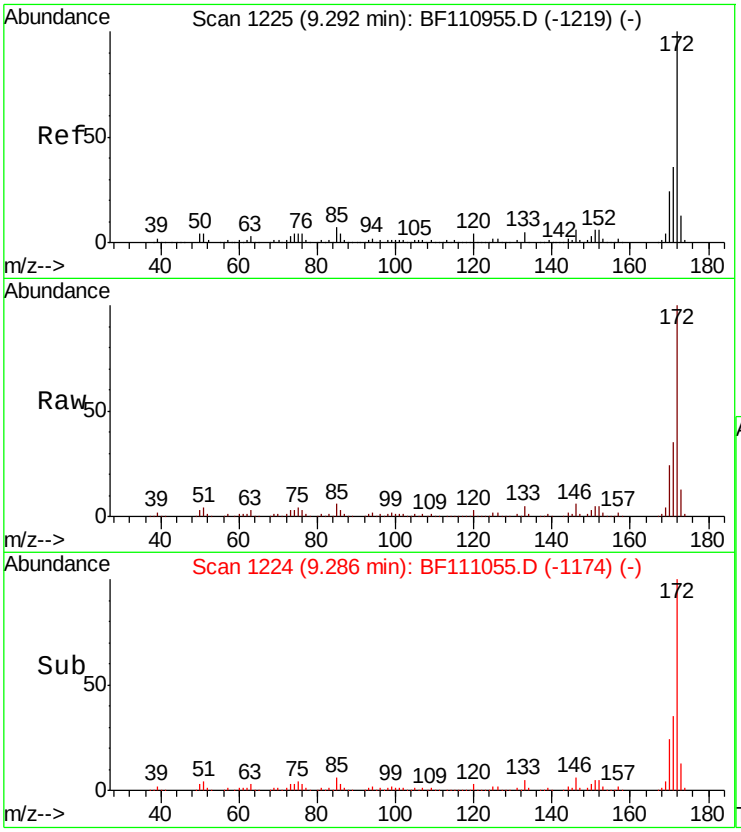


#42
2,4,6-Tribromophenol
Concen: 78.012 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:330 Resp: 76543

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	39.6	27.0	40.4



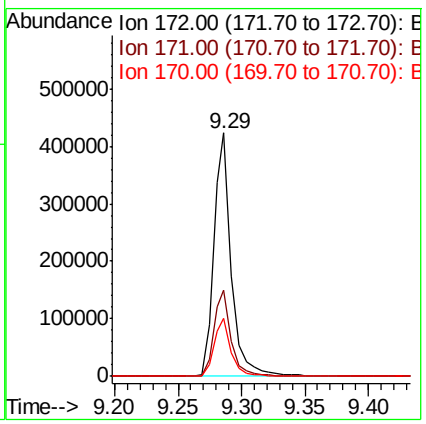


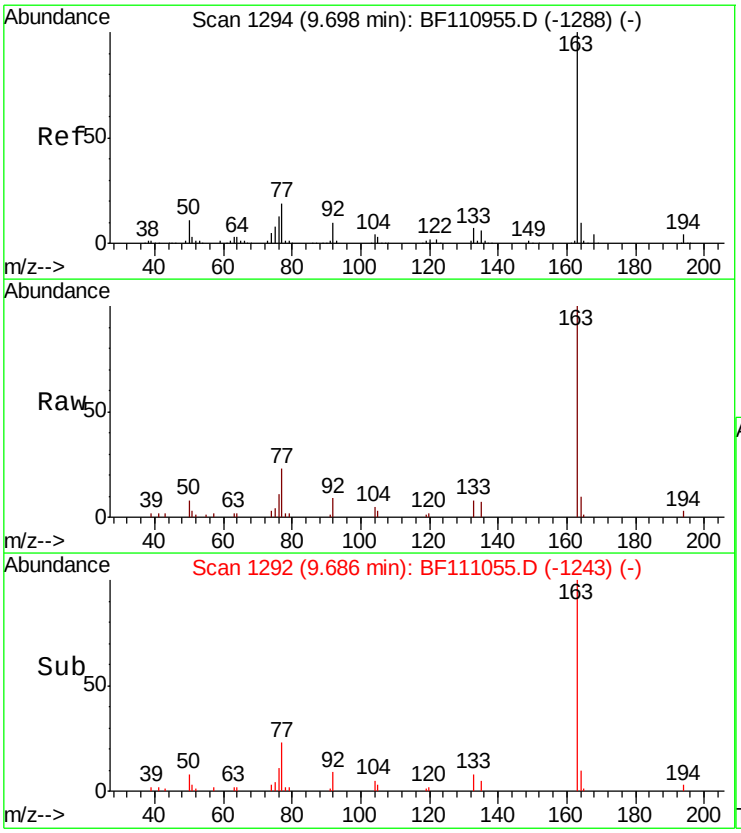
#45
2-Fluorobiphenyl
Concen: 60.030 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:172 Resp: 409356

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.8	19.7	29.5

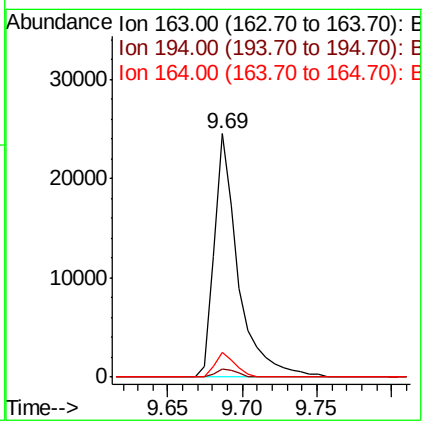


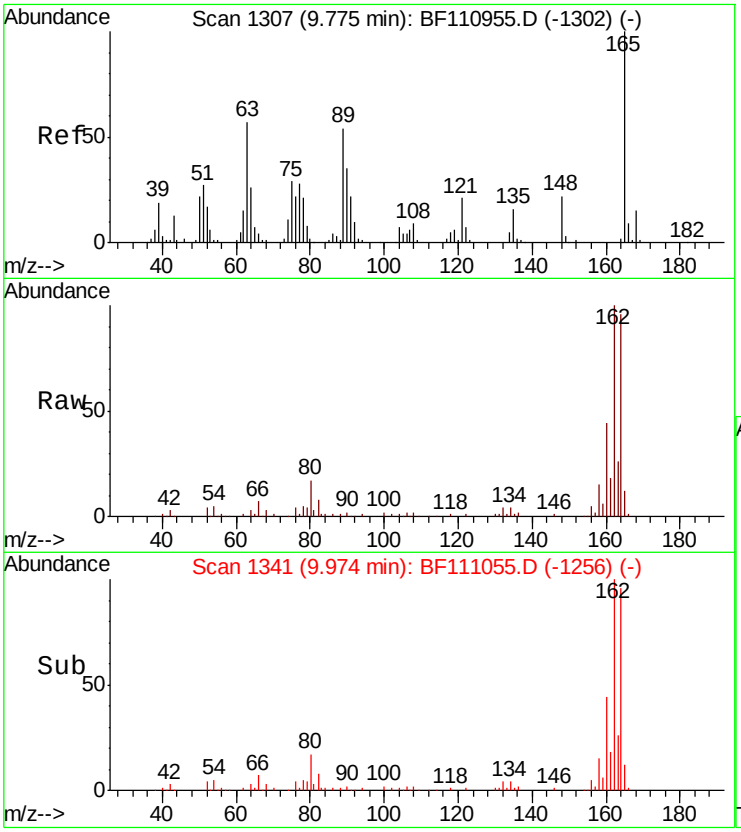


#50
Dimethylphthalate
Concen: 3.790 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:163 Resp: 27464

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	10.0	8.1	12.1



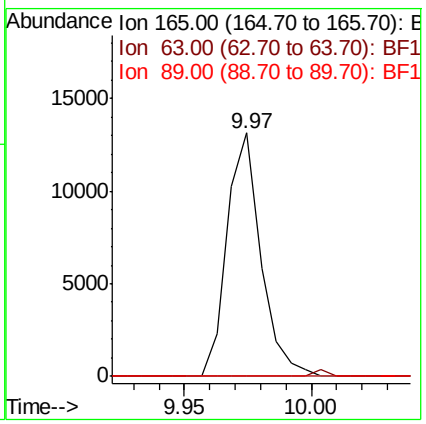


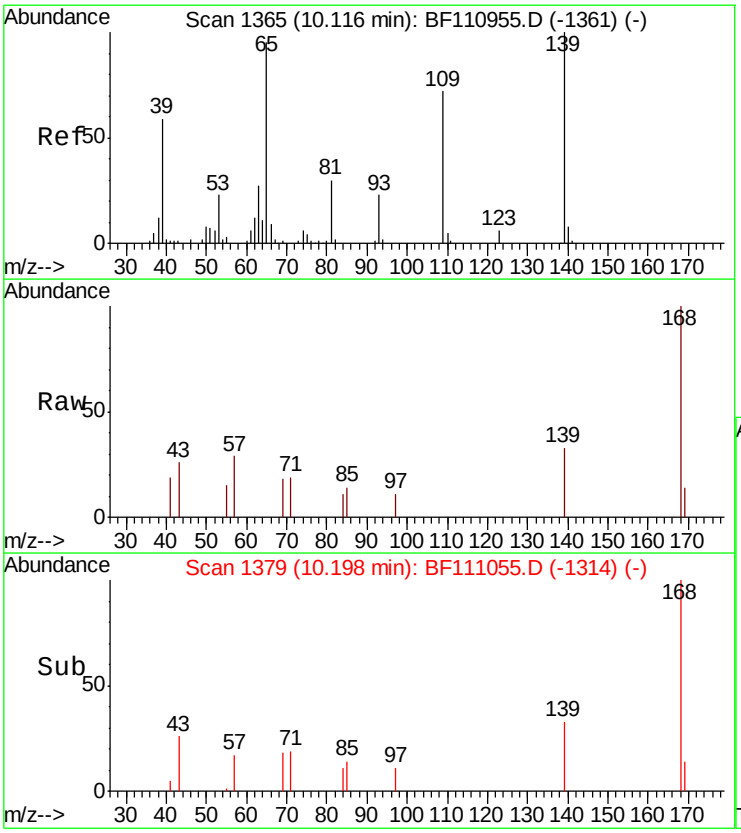
#51
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:165 Resp: 12190

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

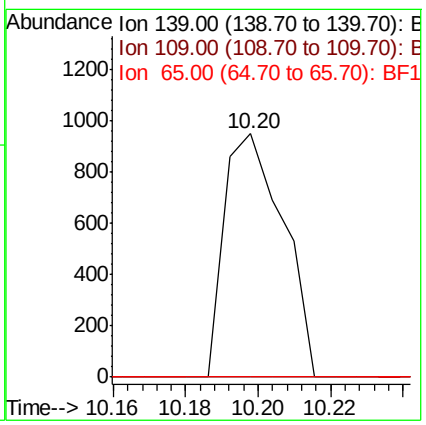


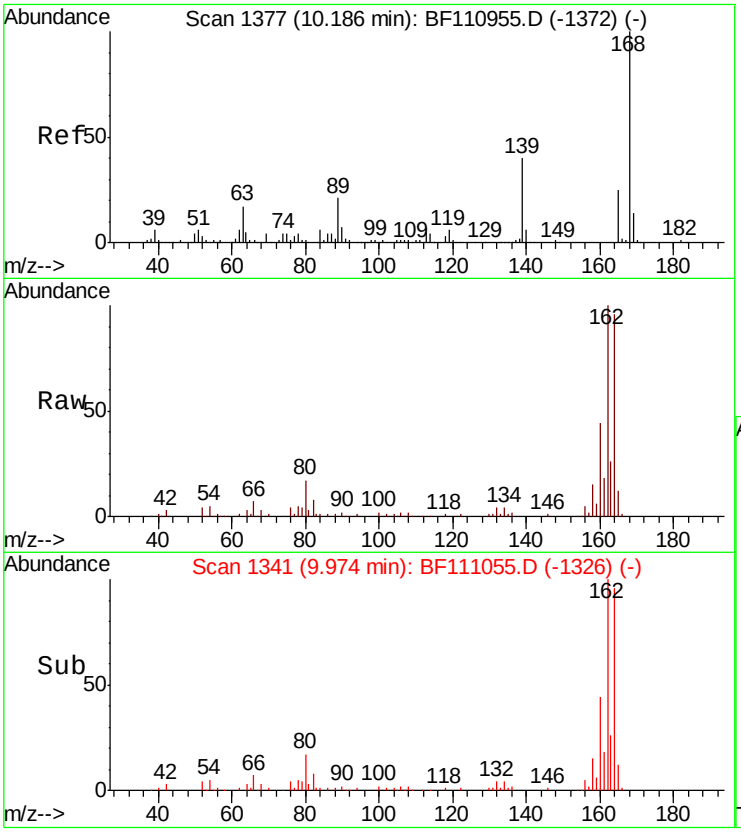


#56
4-Nitrophenol
Concen: 5.206 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.08 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:139 Resp: 1069

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#



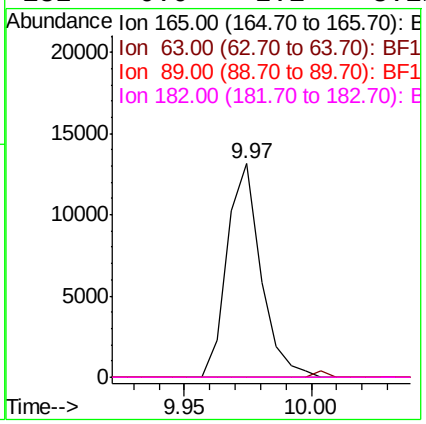


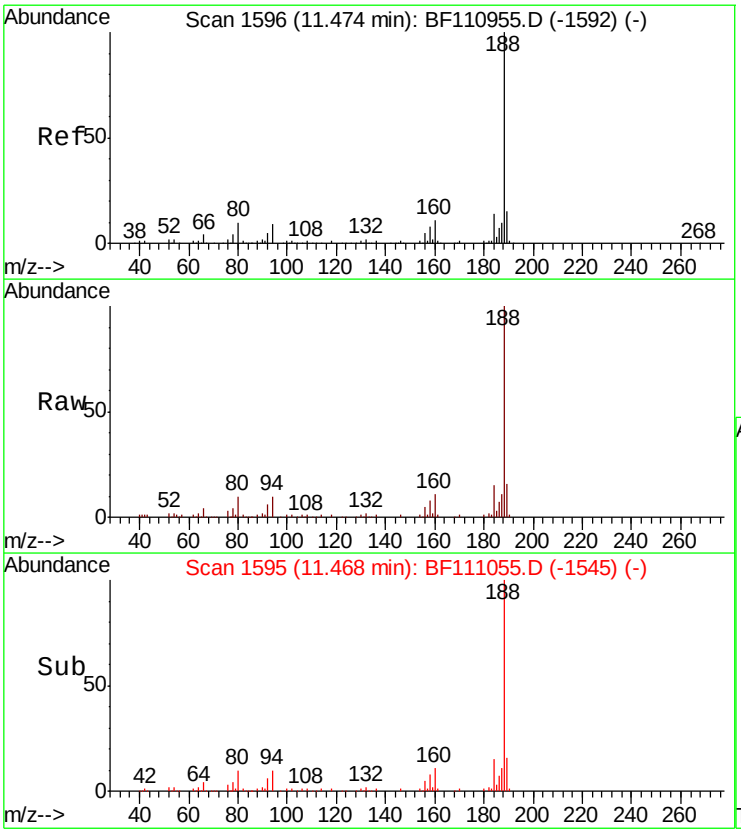
#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:165 Resp: 12190

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#

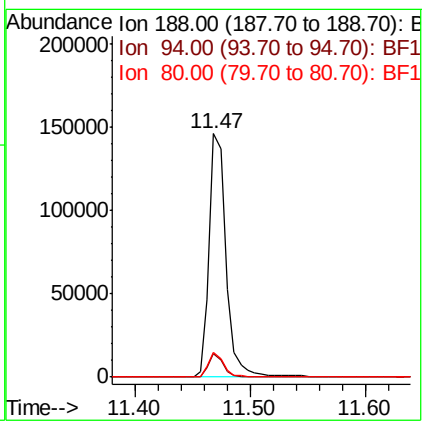


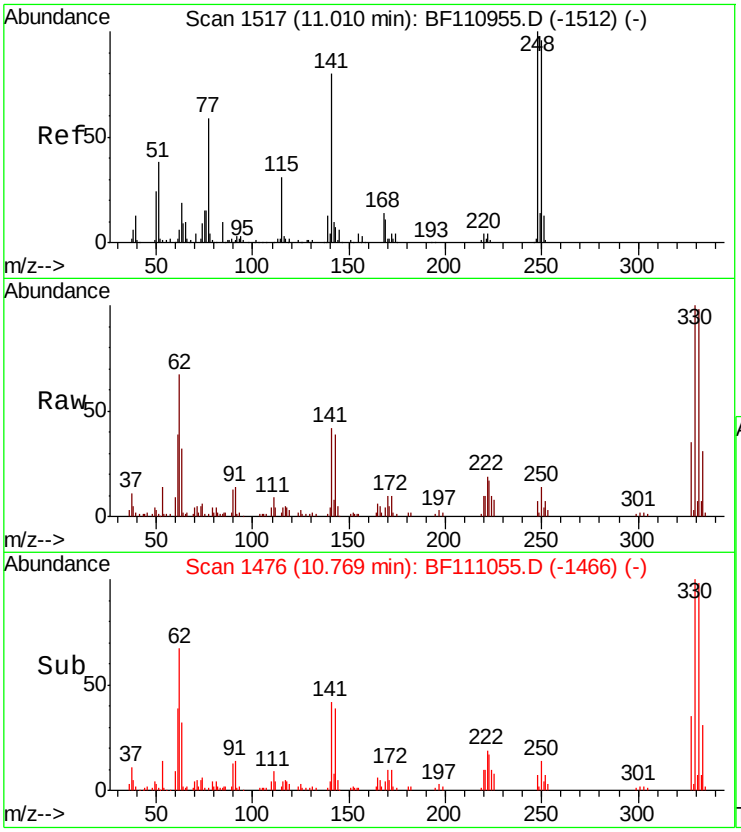


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:188 Resp: 149578

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.4	7.9	11.9



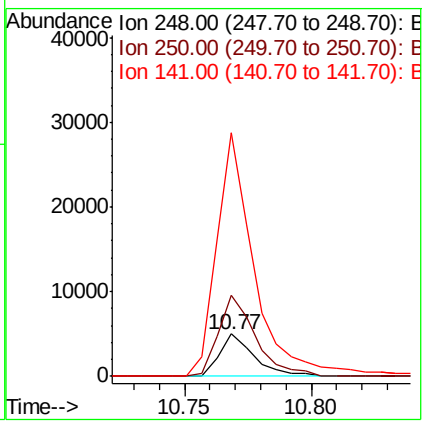


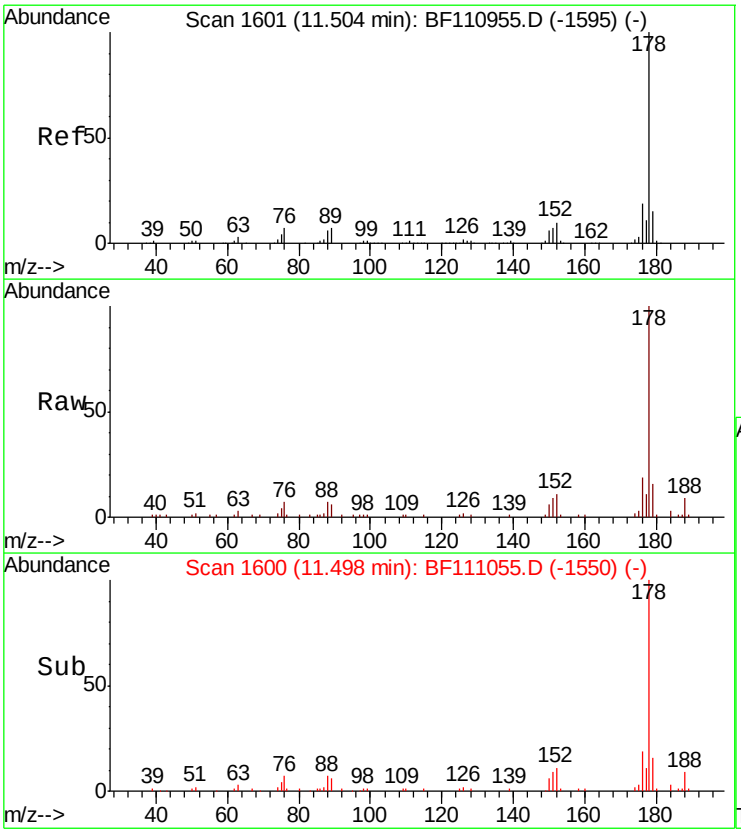
#67
4-Bromophenyl-phenylether
Concen: 2.916 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:248 Resp: 4750

Ion	Ratio	Lower	Upper
248	100		
250	191.2	79.4	119.2#
141	571.9	55.9	83.9#

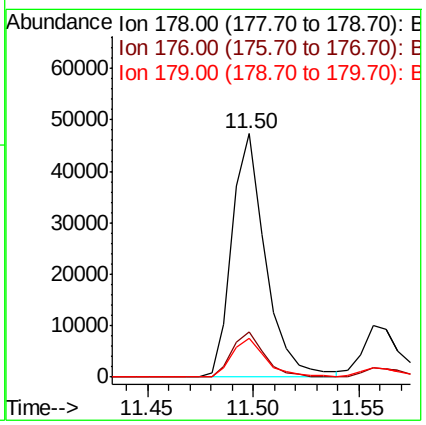


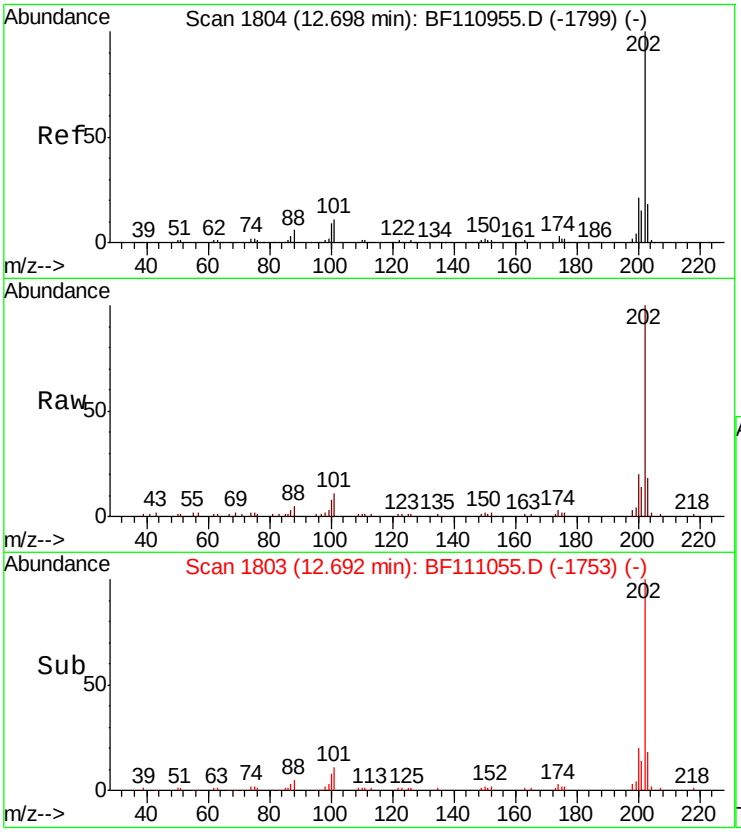


#71
Phenanthrene
Concen: 6.549 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:178 Resp: 51883

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.9	12.5	18.7



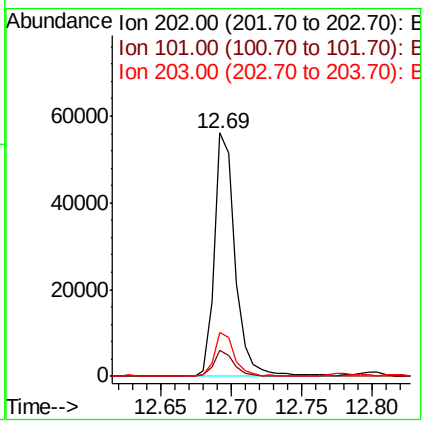


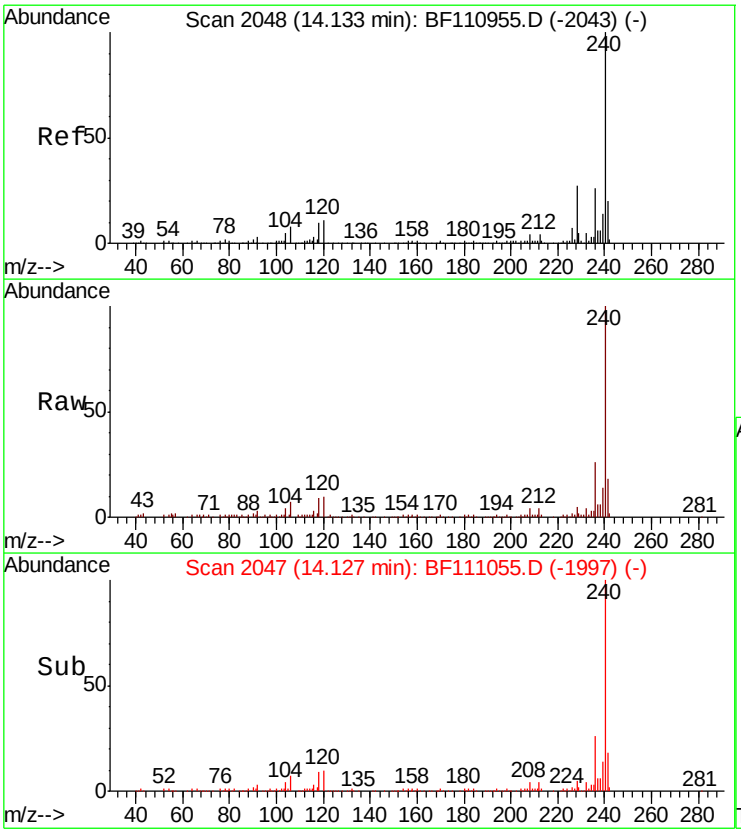
#75
Fluoranthene
Concen: 7.077 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:202 Resp: 57620

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.9	0.0	37.7

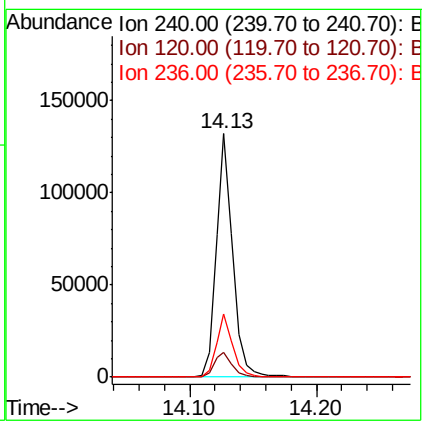


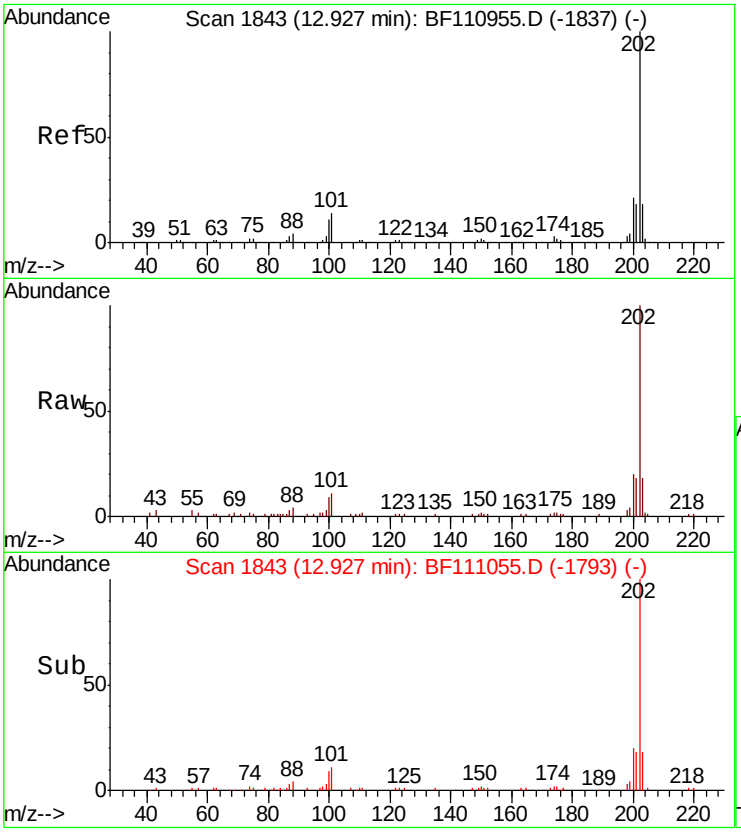


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:240 Resp: 120679

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.7	21.2	31.8



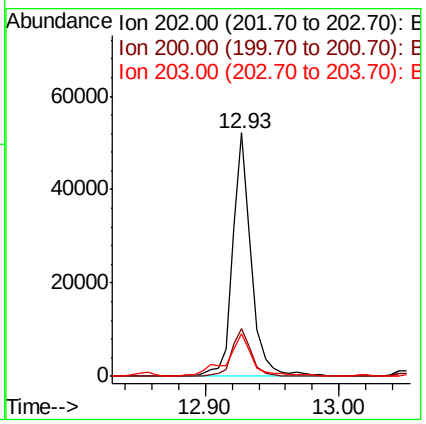


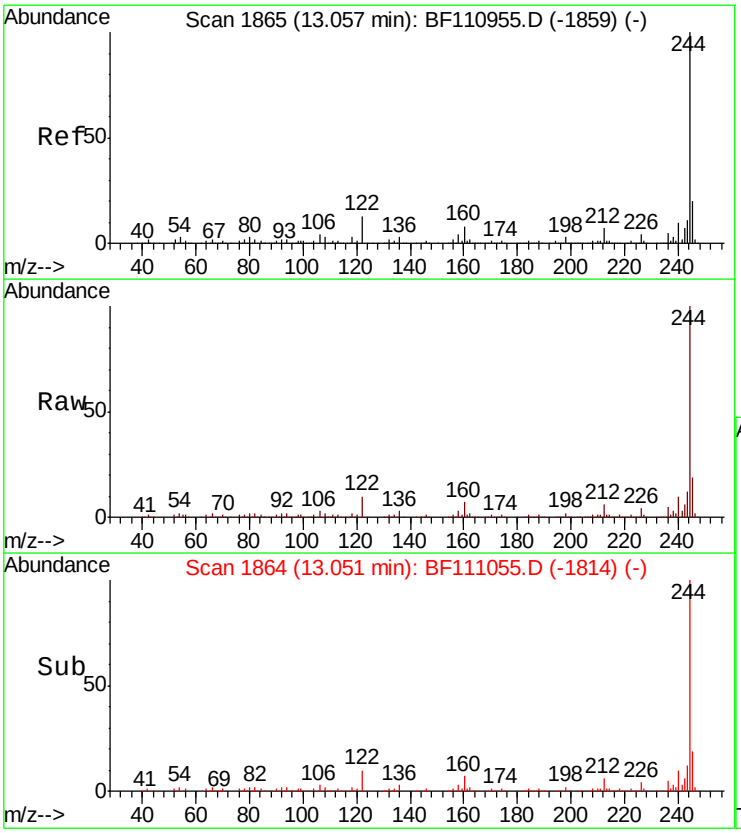
#78
Pyrene
Concen: 5.747 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:202 Resp: 50652

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.6
203	17.8	14.2	21.4

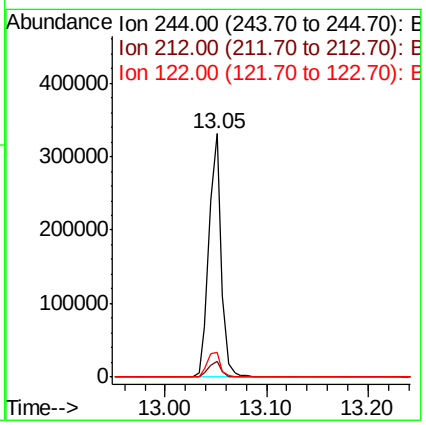


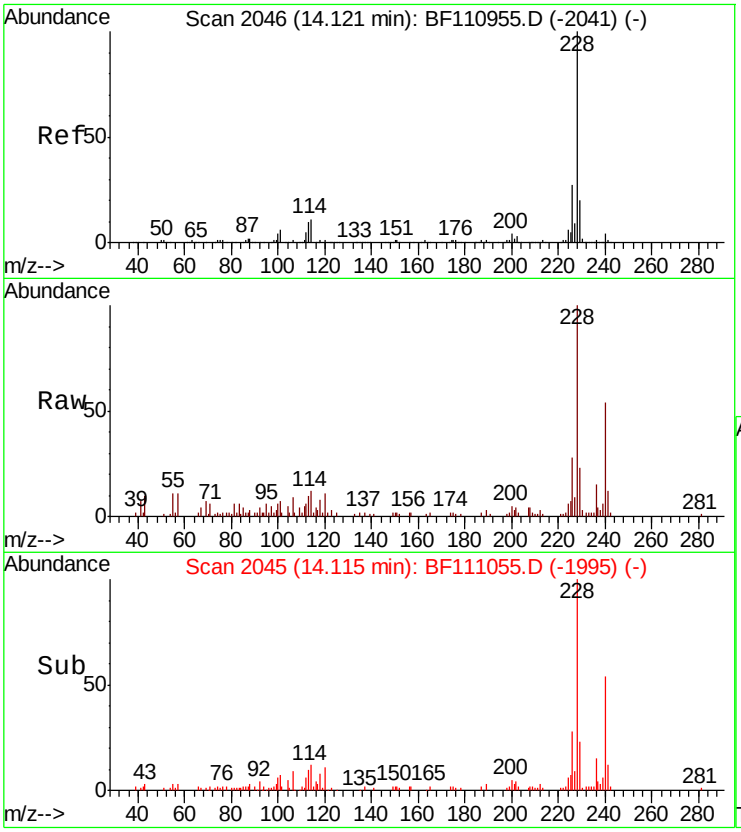


#79
Terphenyl-d14
Concen: 45.115 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:244 Resp: 279683

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.0	8.7	13.1



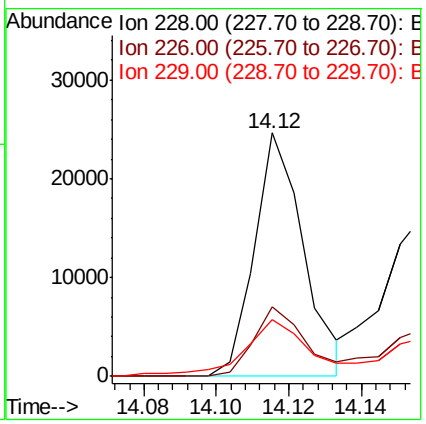


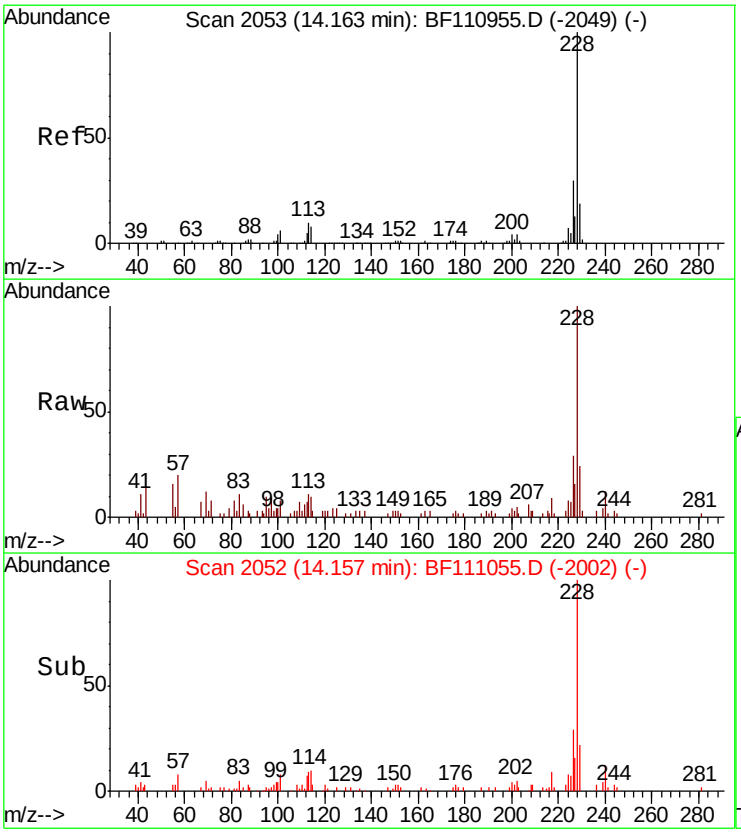
#81
Benzo(a)anthracene
Concen: 3.259 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:228 Resp: 23221

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	23.5	15.6	23.4#

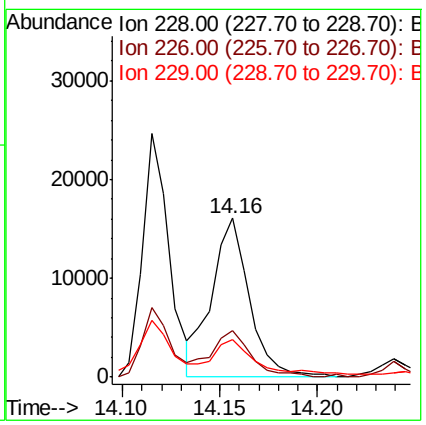


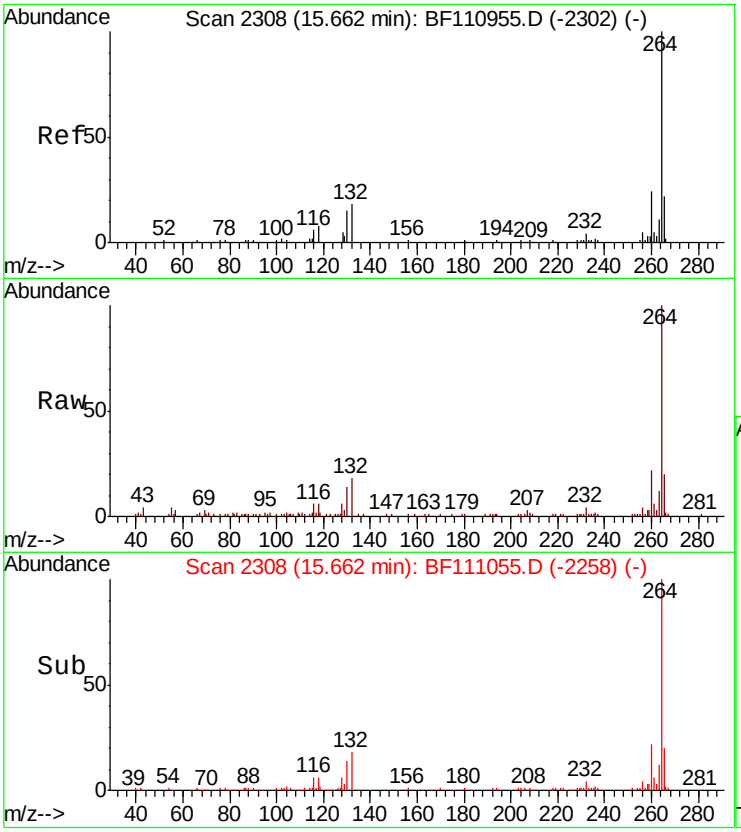


#83
Chrysene
Concen: 3.113 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:228 Resp: 21836

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.7	37.1
229	23.6	15.9	23.9



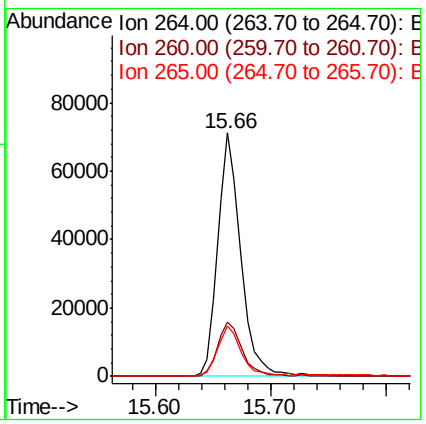


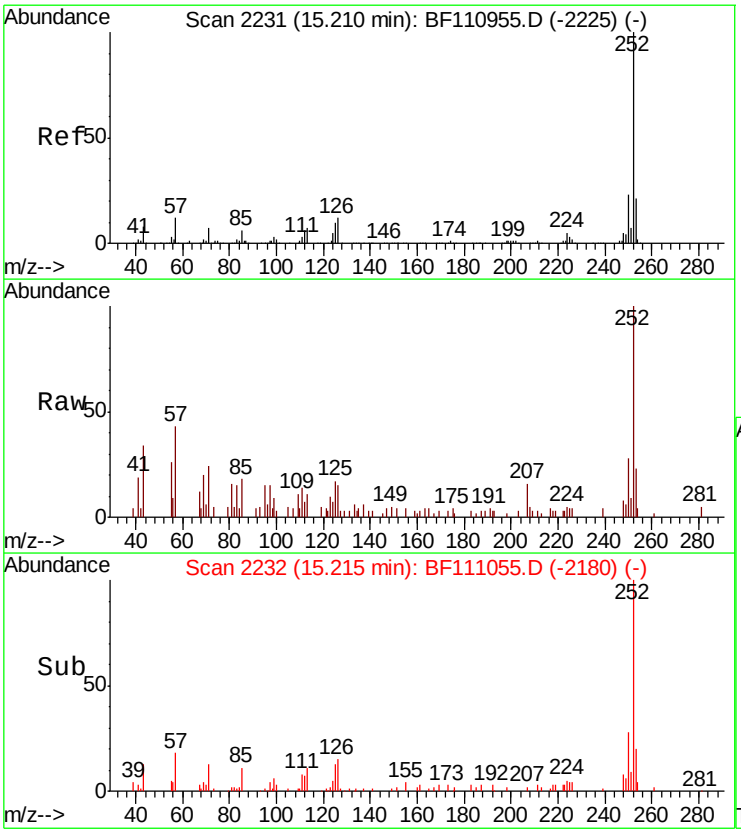
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:264 Resp: 98122

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	20.5	16.7	25.1

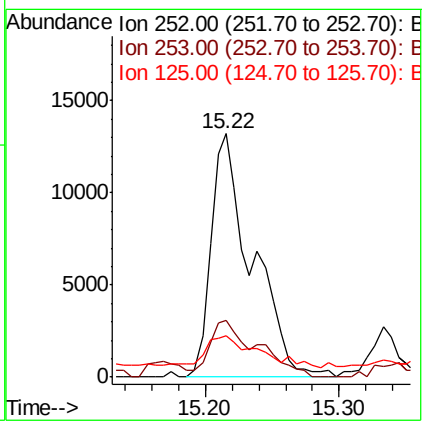


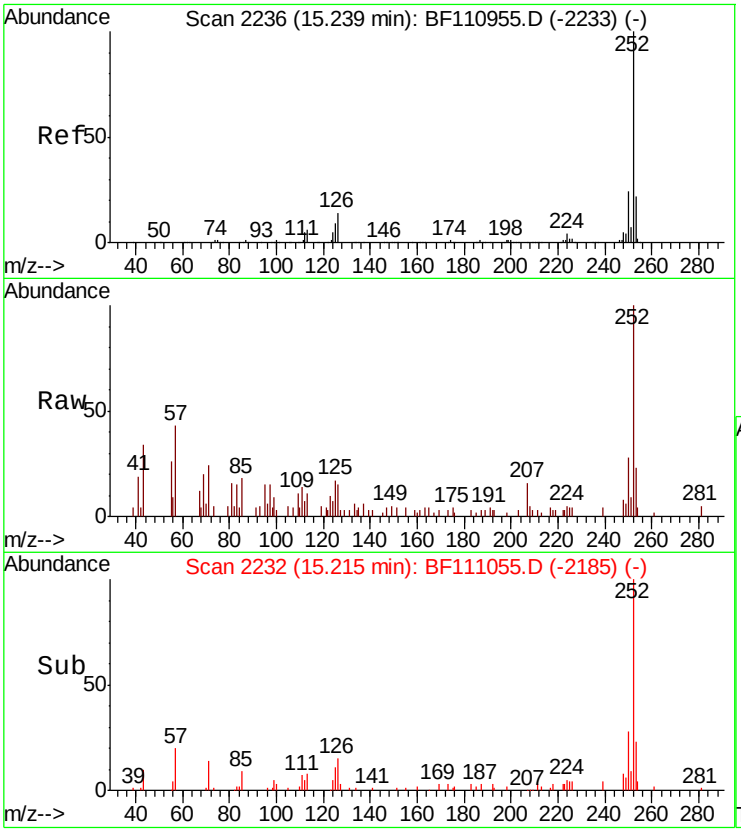


#88
Benzo(b)fluoranthene
Concen: 4.905 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:252 Resp: 28272

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	17.1	8.2	12.4#



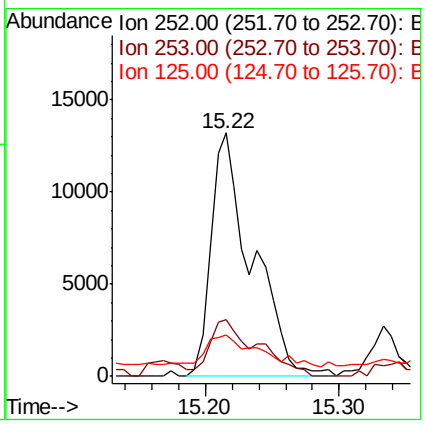


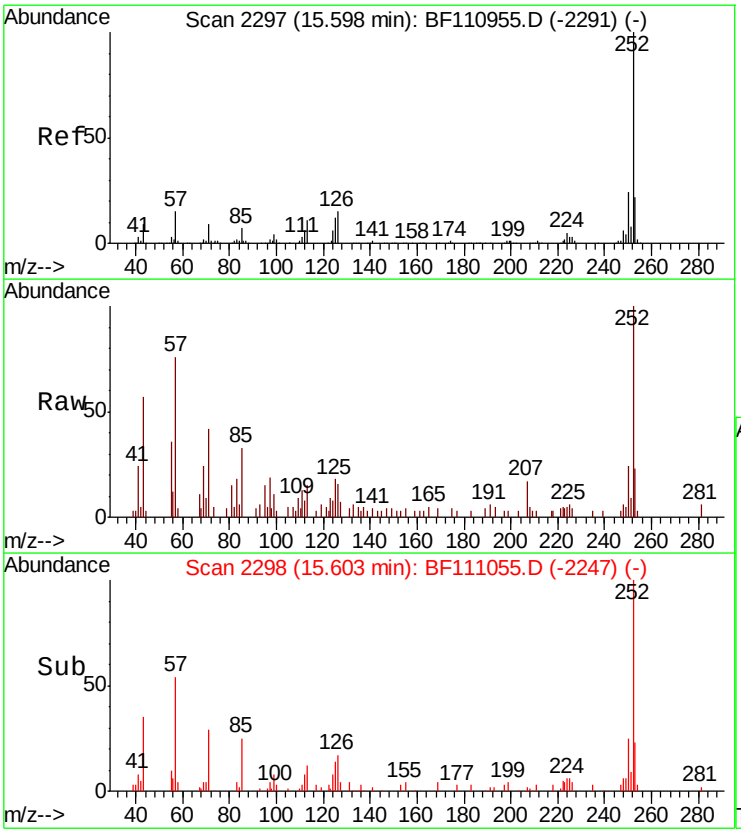
#89
Benzo(k)fluoranthene
Concen: 4.765 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Instrument :
BNA_F
ClientSampleId :
RCA-06

Tgt Ion:252 Resp: 28272

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	17.1	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.954 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF111055.D
Acq: 28 Nov 2018 19:43

Tgt Ion:252 Resp: 15852

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	18.2	9.0	13.6#