Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112048.D
Acq On : 14 Jan 2019 14:09
Operator : JU/SJ
Sample : K1126-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 14 15:59:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133305	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	505077	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	257747	20.00	ng		-0.01
64) Phenanthrene-d10	11.39	188	561946	20.00	ng		0.00
76) Chrysene-d12	14.03	240	366260	20.00	ng		-0.01
87) Perylene-d12	15.52	264	426376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	761577	97.74	ng		0.00
7) Phenol-d6	6.52	99	1236053	123.08	ng		0.00
23) Nitrobenzene-d5	7.43	82	603559	63.87	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	324602	96.82	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1188314	67.23	ng		0.00
79) Terphenyl-d14	12.98	244	1435515	74.40	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	2117	Below Cal		#	1
10) Phenol	6.52	94	24270	2.223	ng		92
19) n-Nitroso-di-n-propylamine	7.43	70	81295	12.459	ng	#	74
25) Isophorone	7.43	82	600662	39.251	ng	#	65
50) Dimethylphthalate	9.62	163	347355	17.940	ng		98
75) Fluoranthene	12.61	202	231382	7.502	ng		99
78) Pyrene	12.83	202	203642	8.081	ng		97
81) Benzo(a)anthracene	14.02	228	81168	3.851	ng		98
83) Chrysene	14.06	228	96911	4.822	ng		96
84) Bis(2-ethylhexyl)phthalate	14.00	149	107384	7.675	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	37616	2.567	ng		97
88) Benzo(b)fluoranthene	15.08	252	203039	7.961	ng		99
89) Benzo(k)fluoranthene	15.08	252	203039	8.469	ng		99
90) Benzo(a)pyrene	15.44	252	79623	3.550	ng	#	95
92) Benzo(g,h,i)perylene	17.44	276	35860	2.033	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
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Acq On : 14 Jan 2019 14:09
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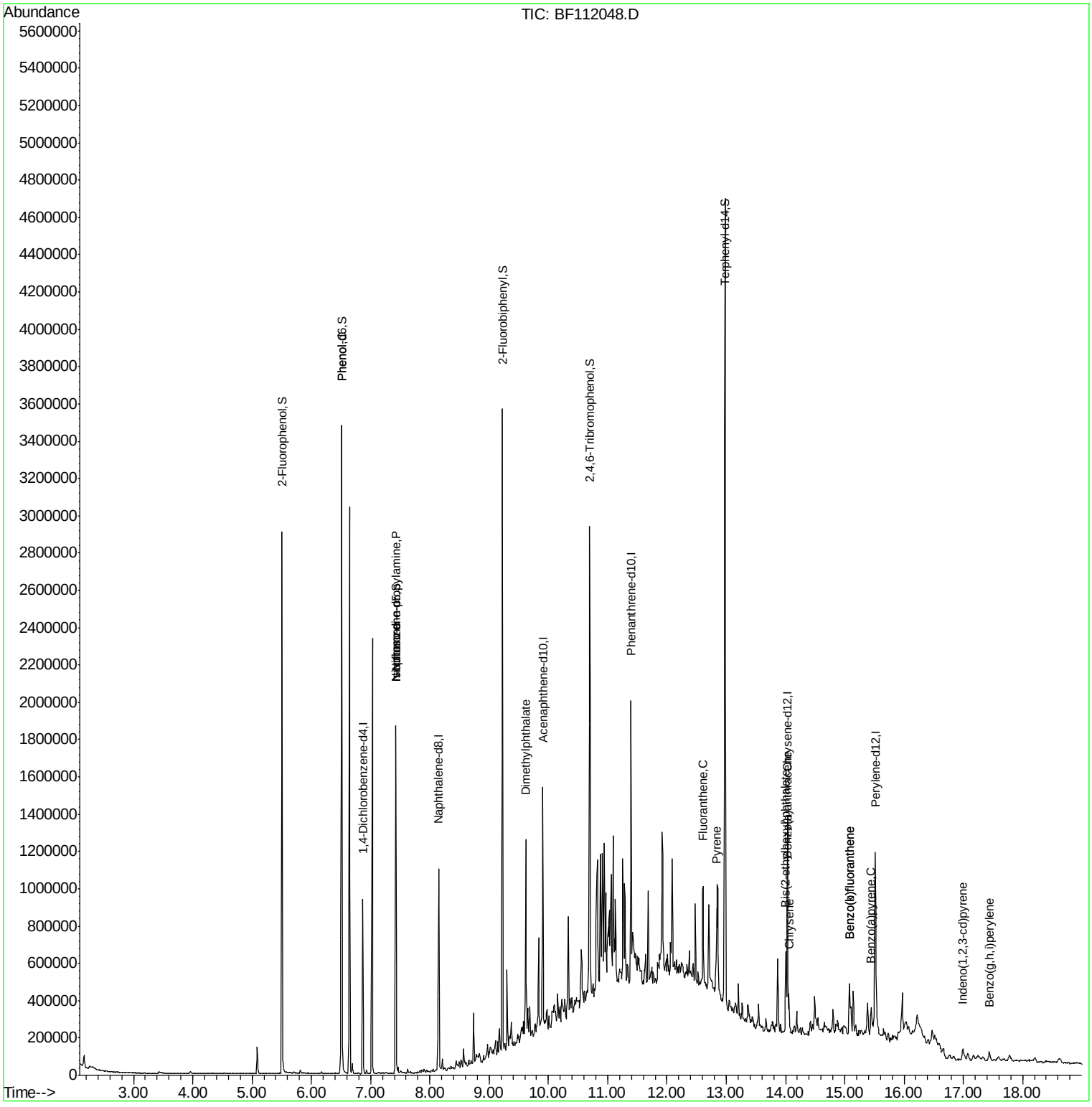
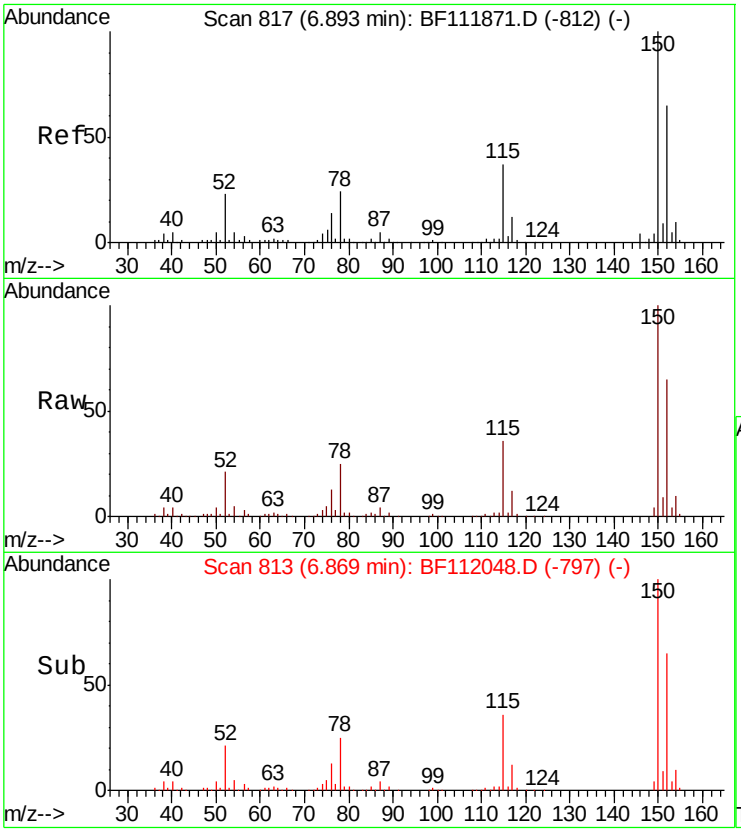
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 15:59:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



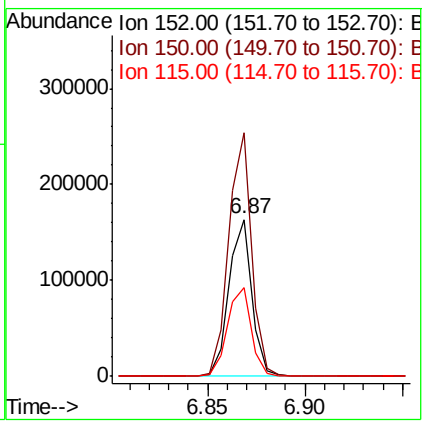


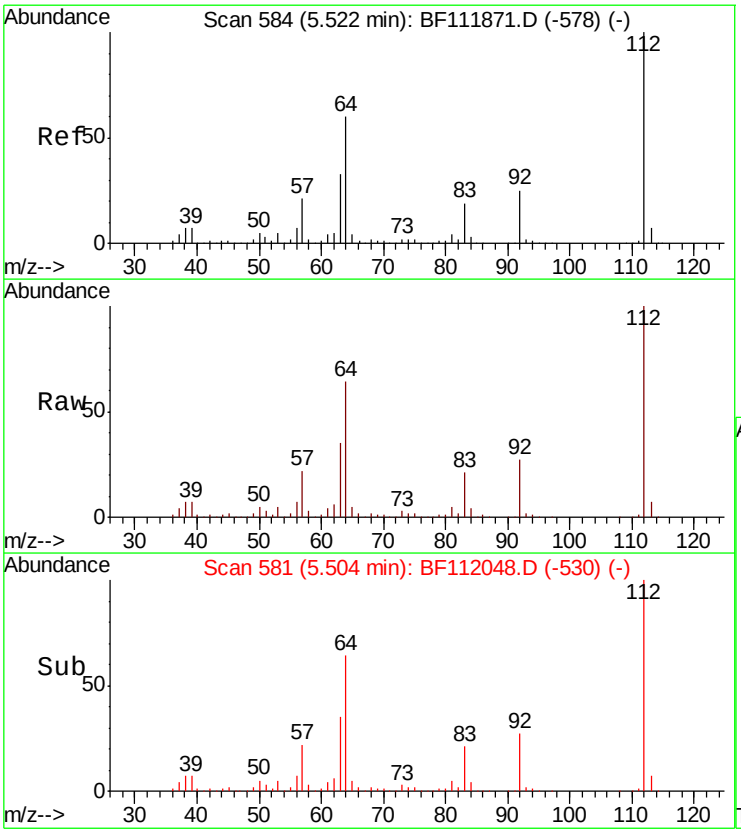
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 133305

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	56.1	45.2	67.8

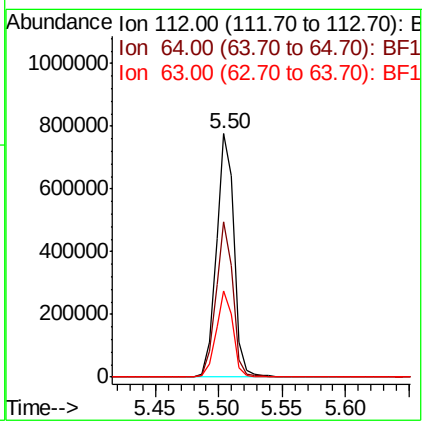


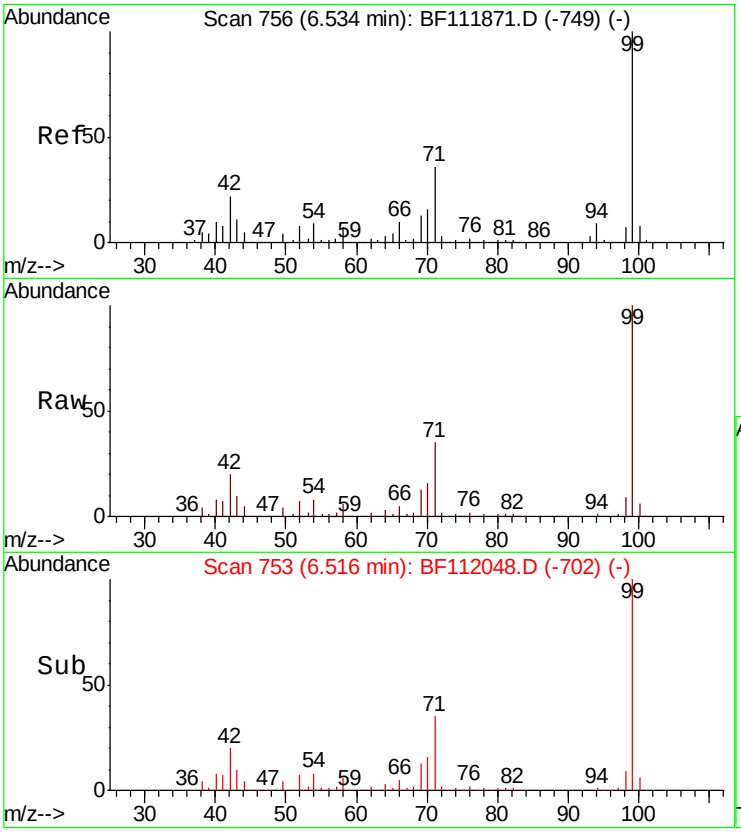


#5
2-Fluorophenol
Concen: 97.740 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:112 Resp: 761577

Ion	Ratio	Lower	Upper
112	100		
64	63.6	48.3	72.5
63	35.2	26.1	39.1



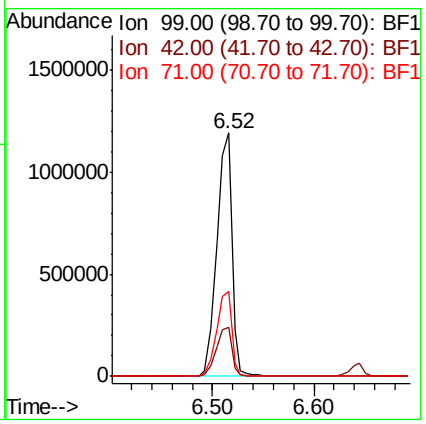


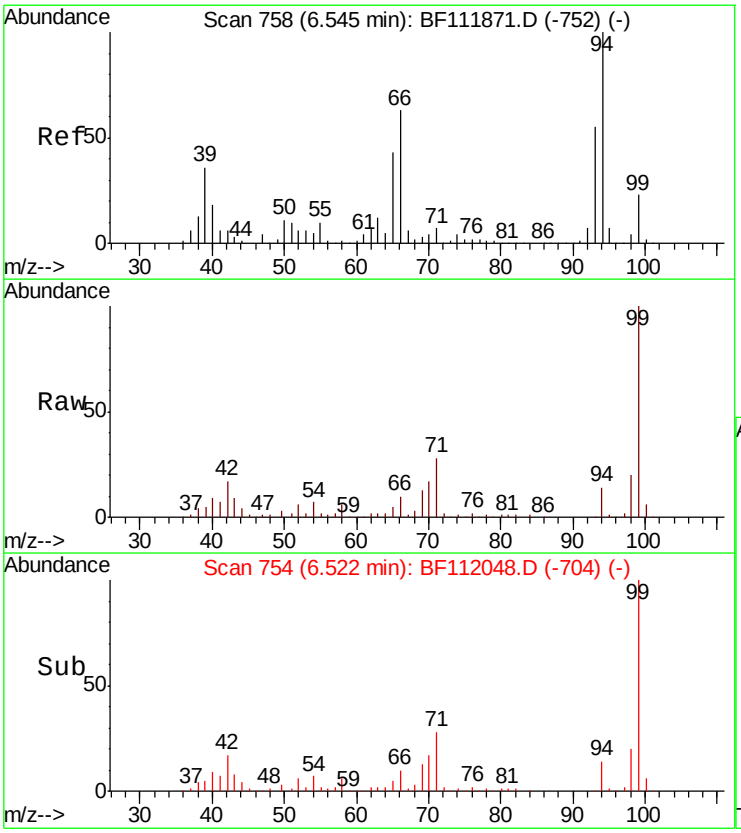
#7
Phenol-d6
Concen: 123.078 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1236053

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.9	26.9
71	34.6	28.7	43.1

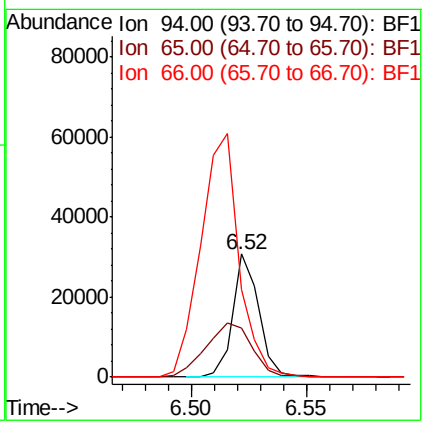


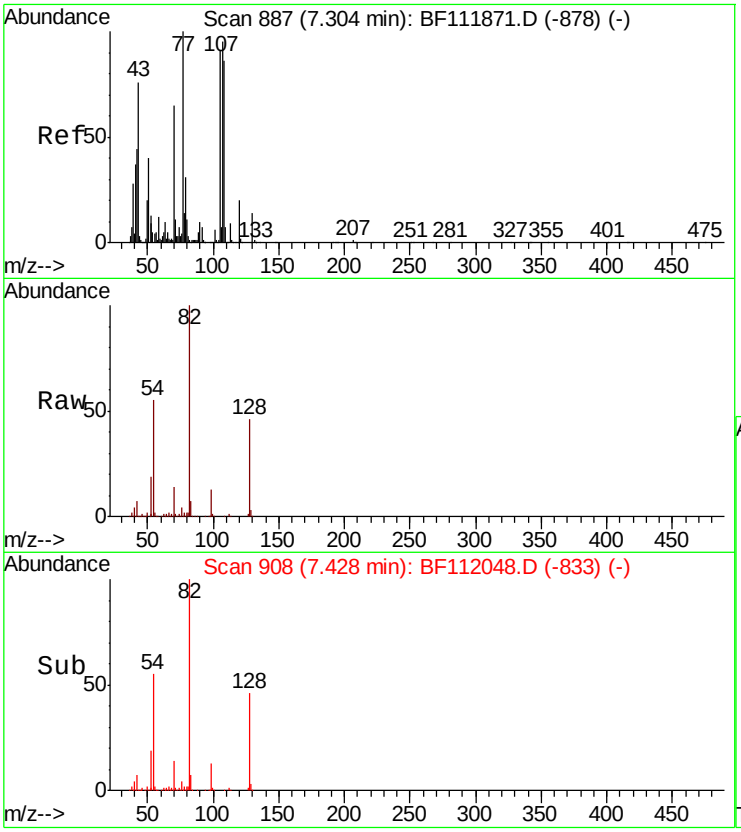


#10
Phenol
Concen: 2.223 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion: 94 Resp: 24270

Ion	Ratio	Lower	Upper
94	100		
65	39.6	22.8	62.8
66	71.3	43.3	83.3



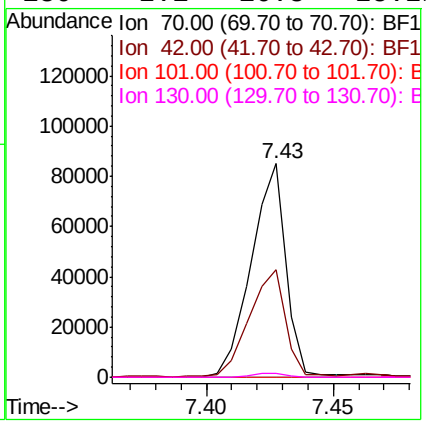


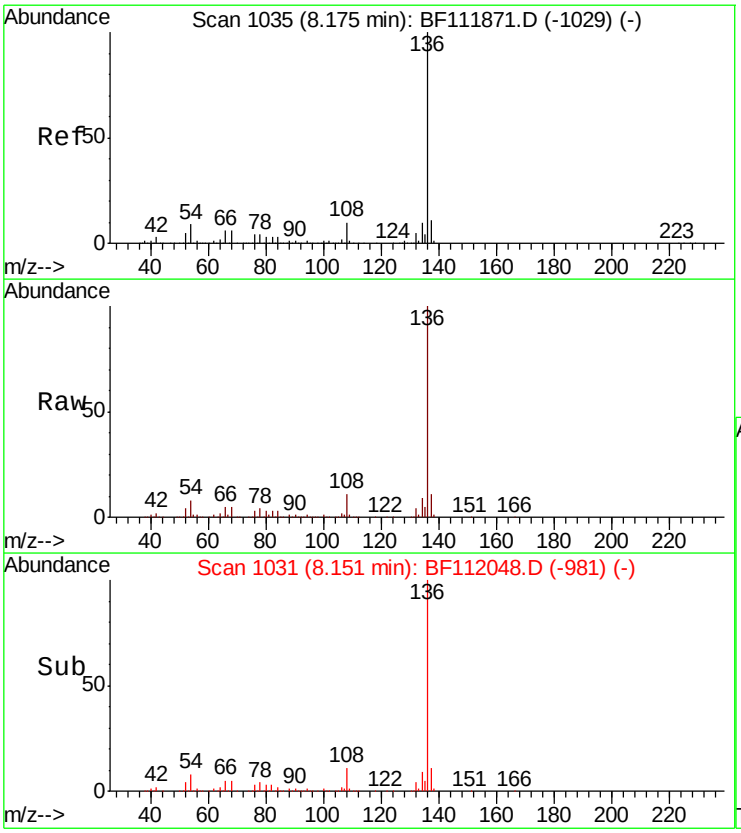
#19
n-Nitroso-di-n-propylamine
Concen: 12.459 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 81295

Ion	Ratio	Lower	Upper
70	100		
42	50.2	53.6	80.4#
101	0.0	7.3	10.9#
130	2.1	16.8	25.2#

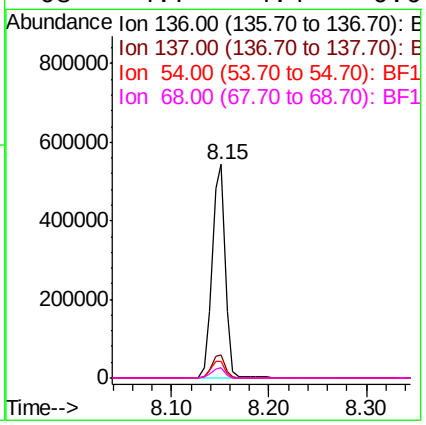


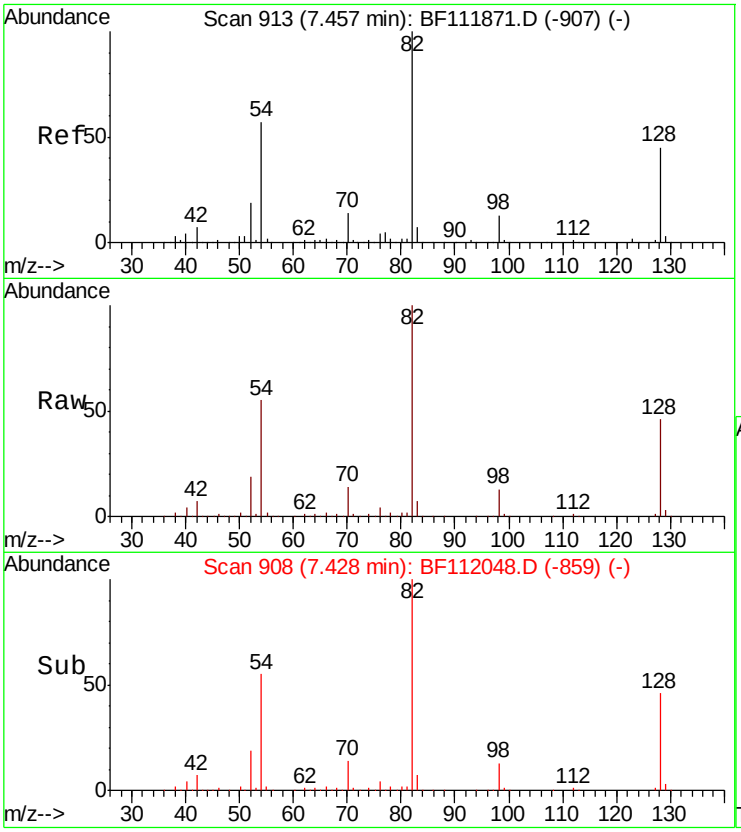


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:136 Resp: 505077

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.9	7.2	10.8
68	4.7	4.4	6.6



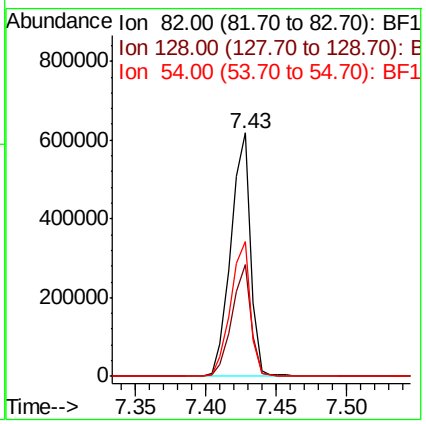


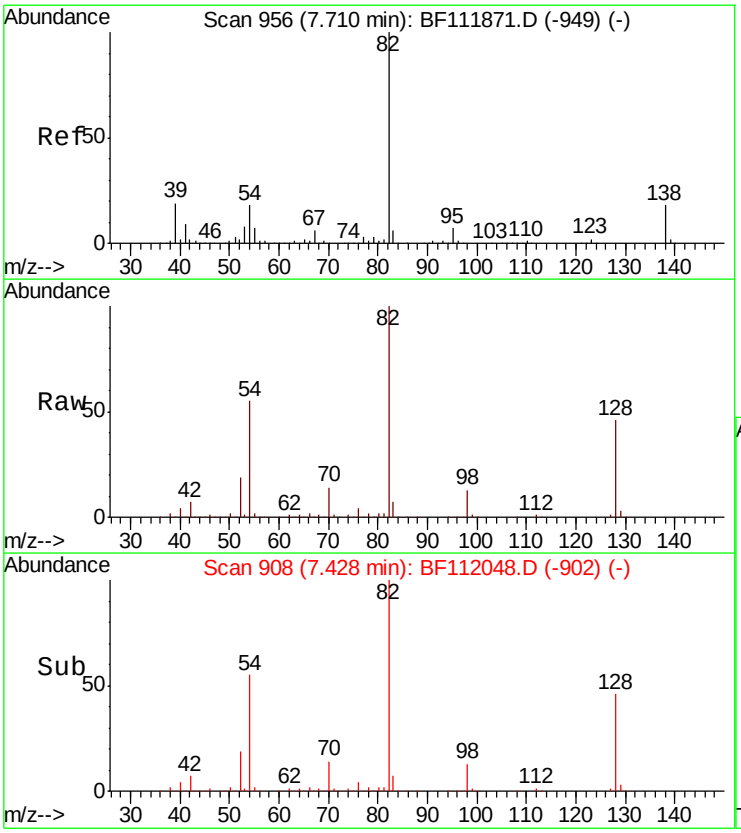
#23
Nitrobenzene-d5
Concen: 63.866 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 603559

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	55.2	45.8	68.8

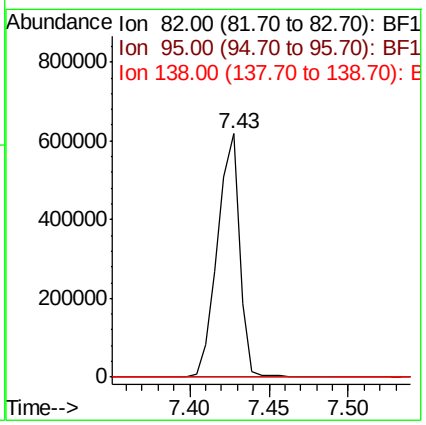


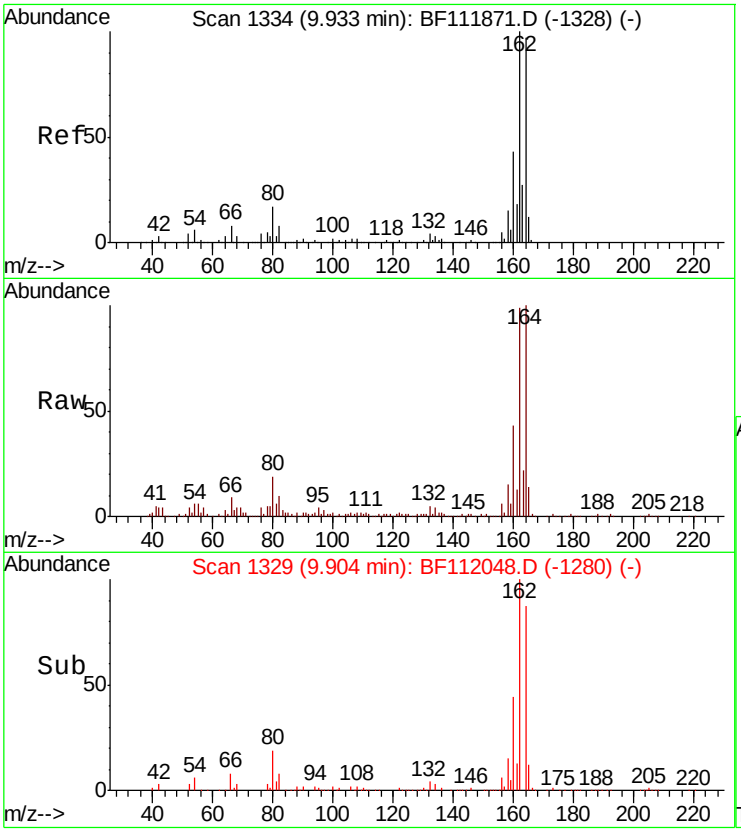


#25
Isophorone
Concen: 39.251 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion: 82 Resp: 600662

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#



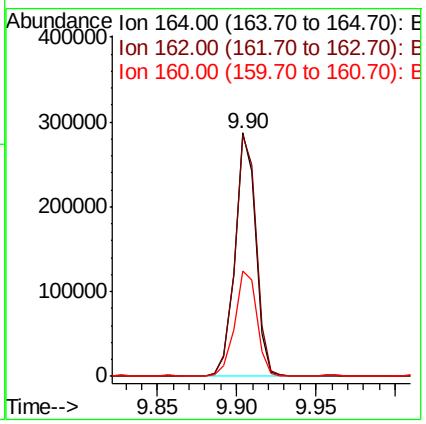


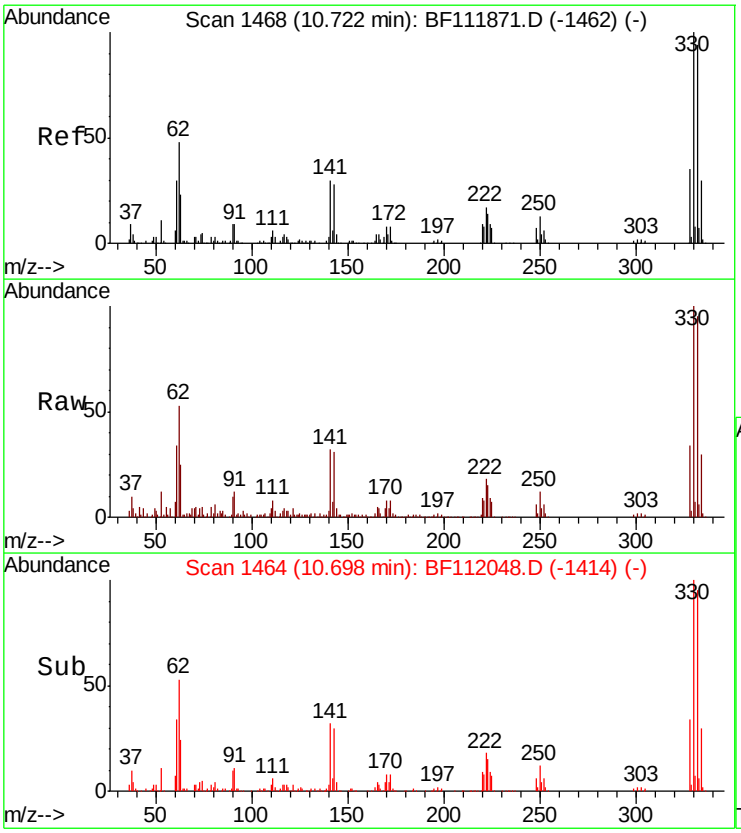
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 257747

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.2	123.2
160	43.4	35.5	53.3

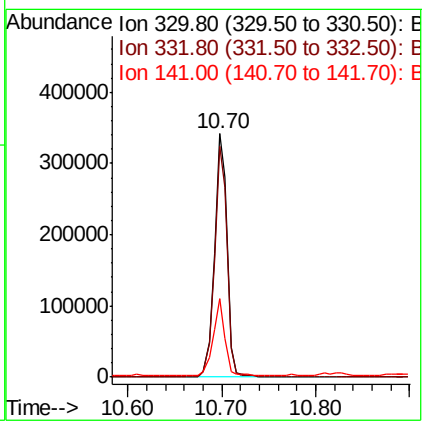


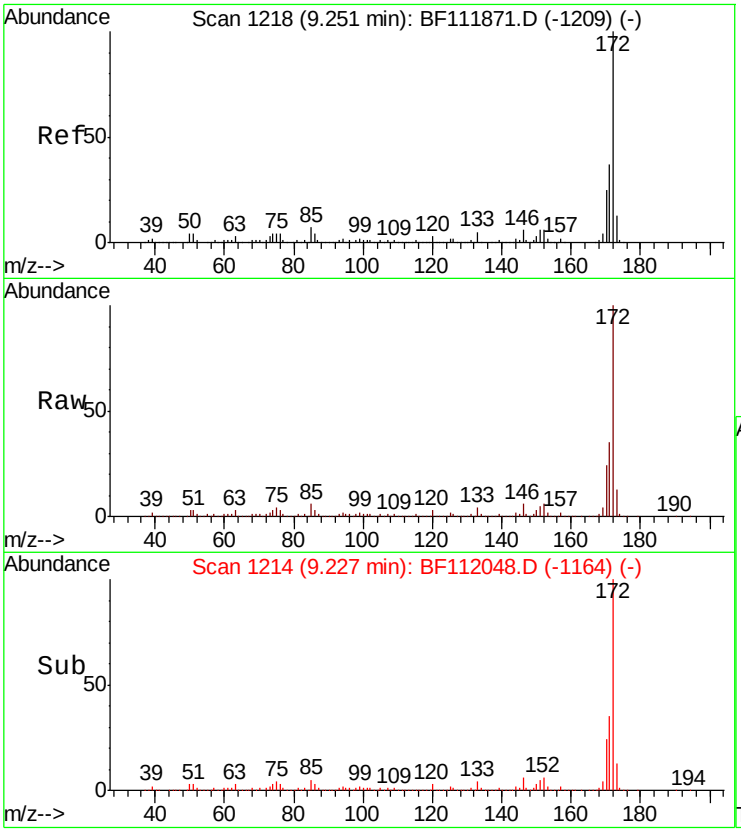


#42
2,4,6-Tribromophenol
Concen: 96.824 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:330 Resp: 324602

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	29.7	23.7	35.5



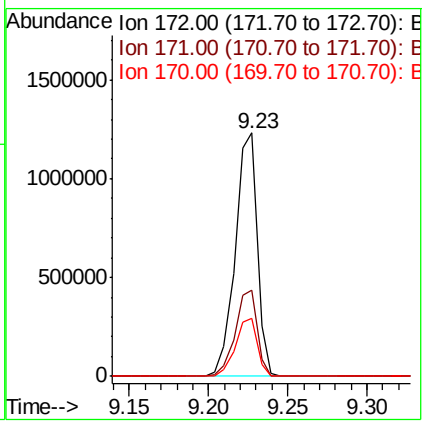


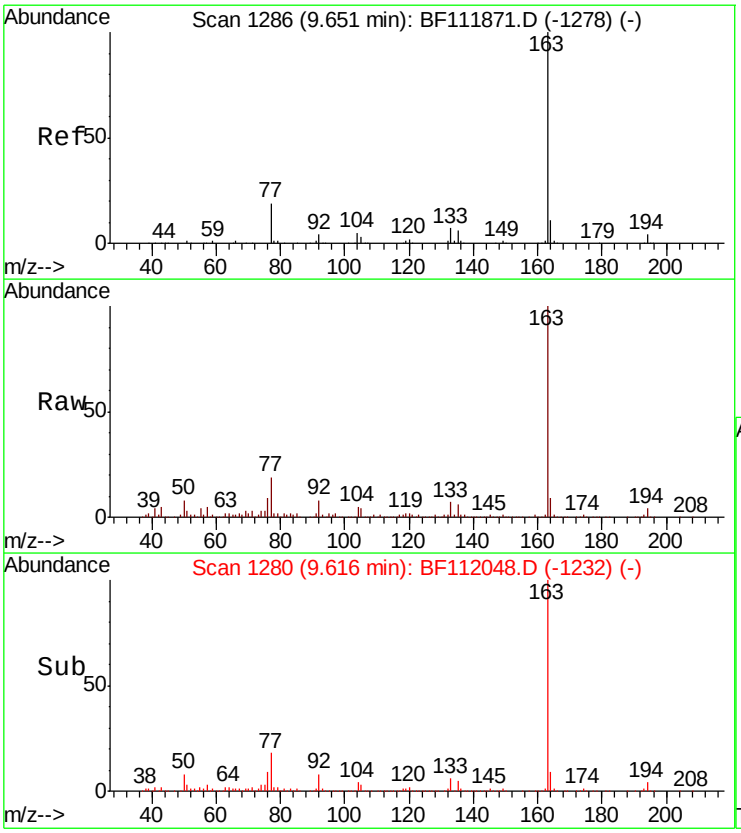
#45
2-Fluorobiphenyl
Concen: 67.229 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1188314

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	19.8	29.8

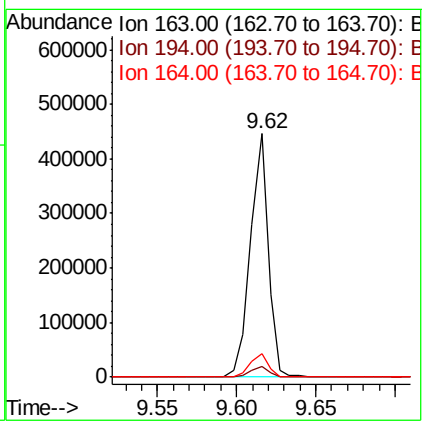


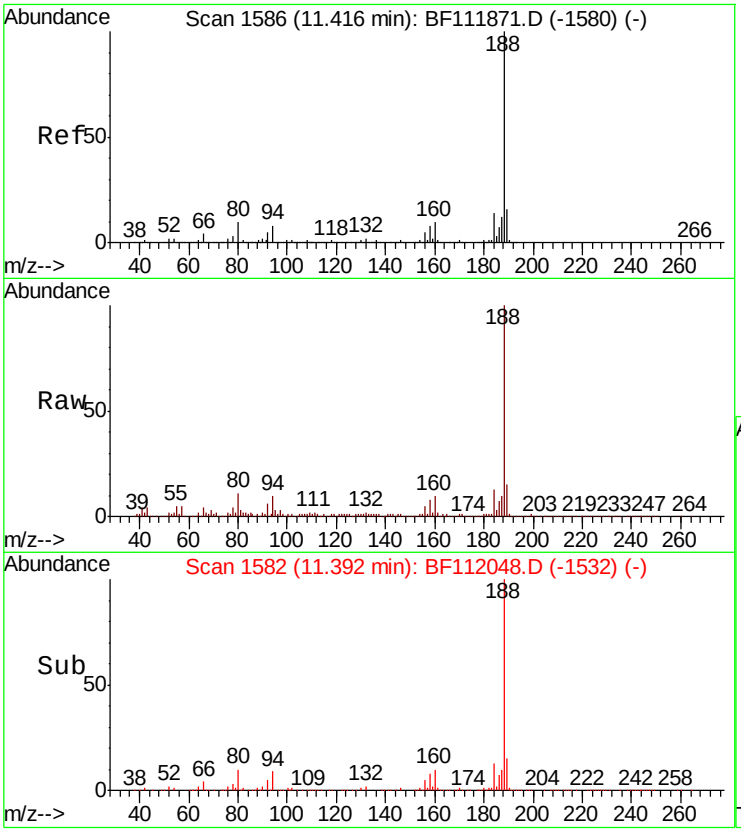


#50
Dimethylphthalate
Concen: 17.940 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:163 Resp: 347355

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.4	8.5	12.7



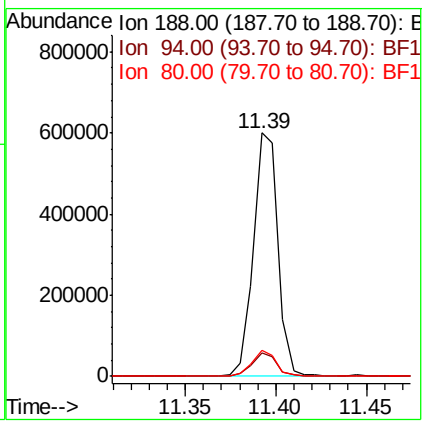


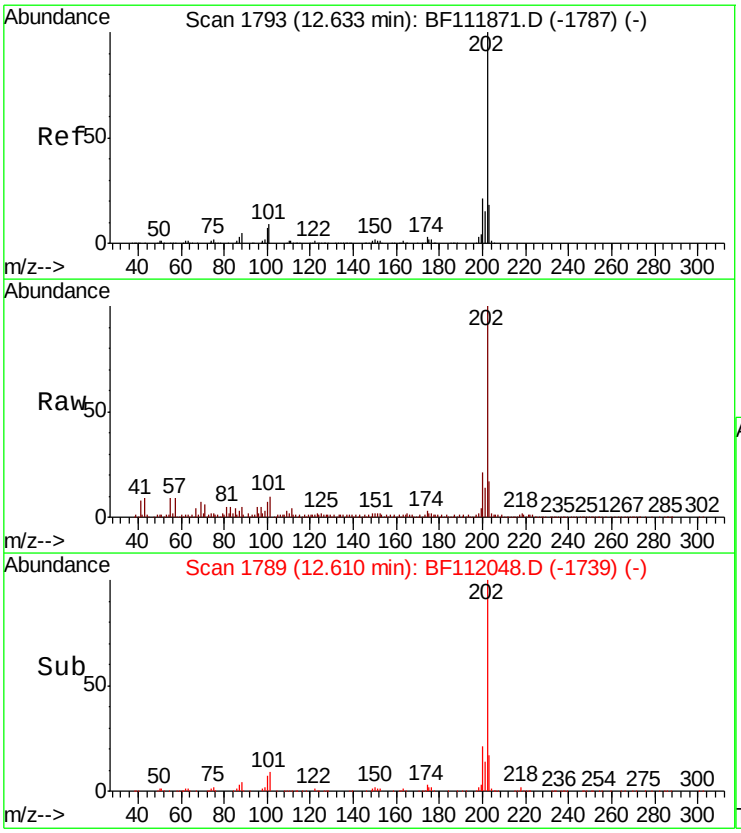
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 561946

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.6	10.0
80	10.6	7.7	11.5

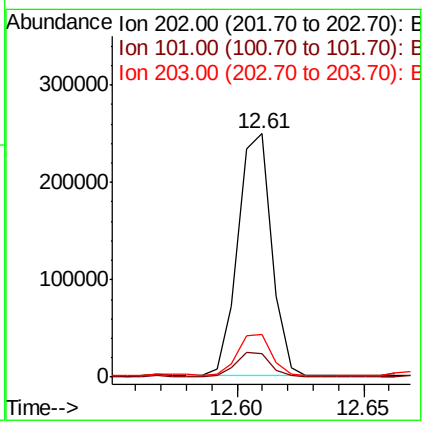


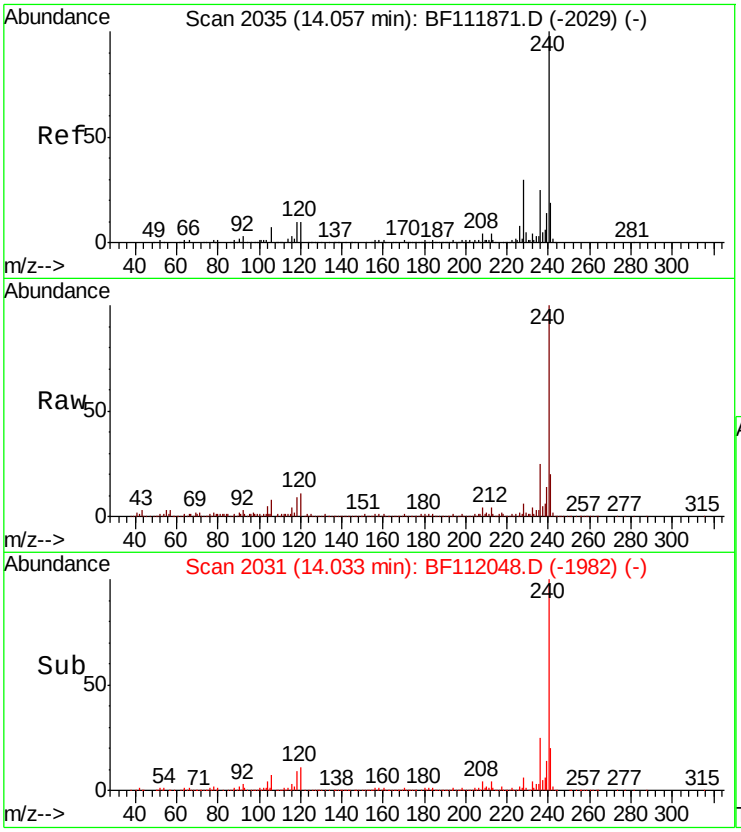


#75
Fluoranthene
Concen: 7.502 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:202 Resp: 231382

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
203	17.4	0.0	37.6



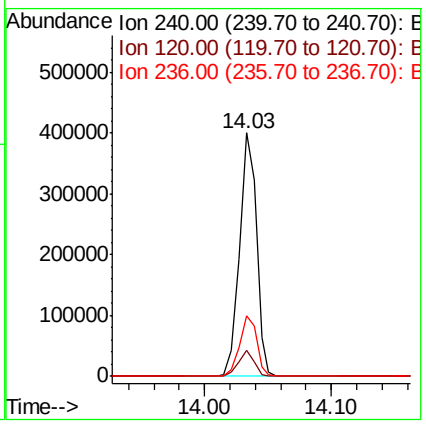


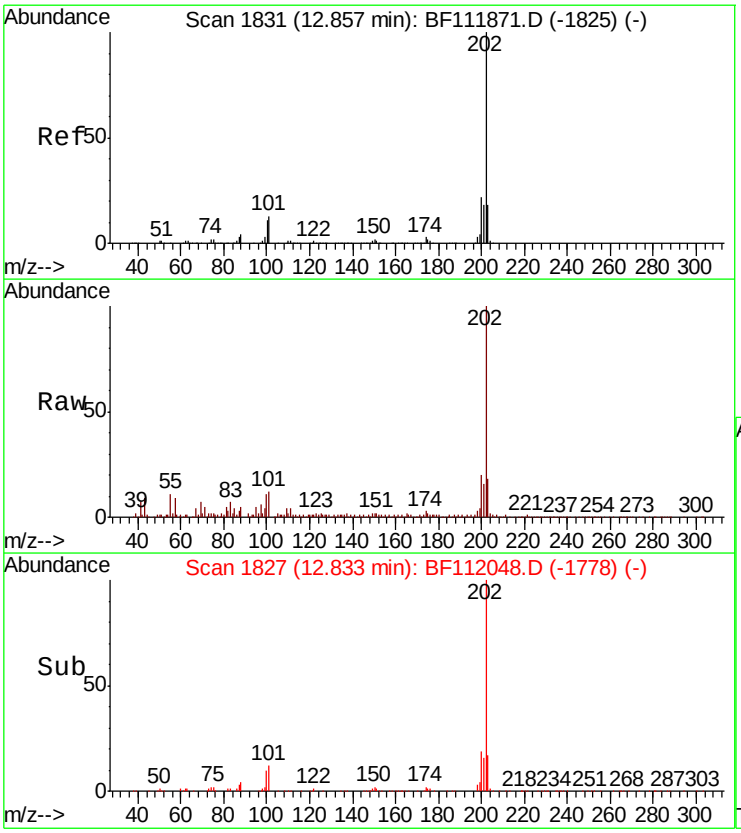
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 366260

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.2	12.2
236	25.1	20.2	30.4

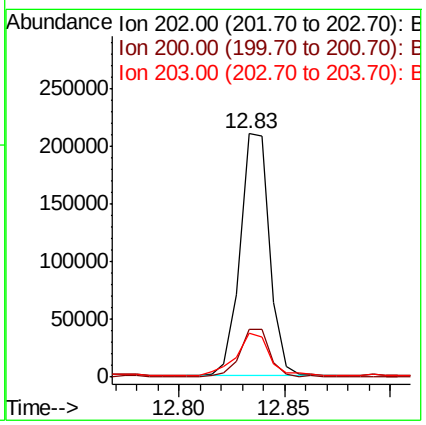


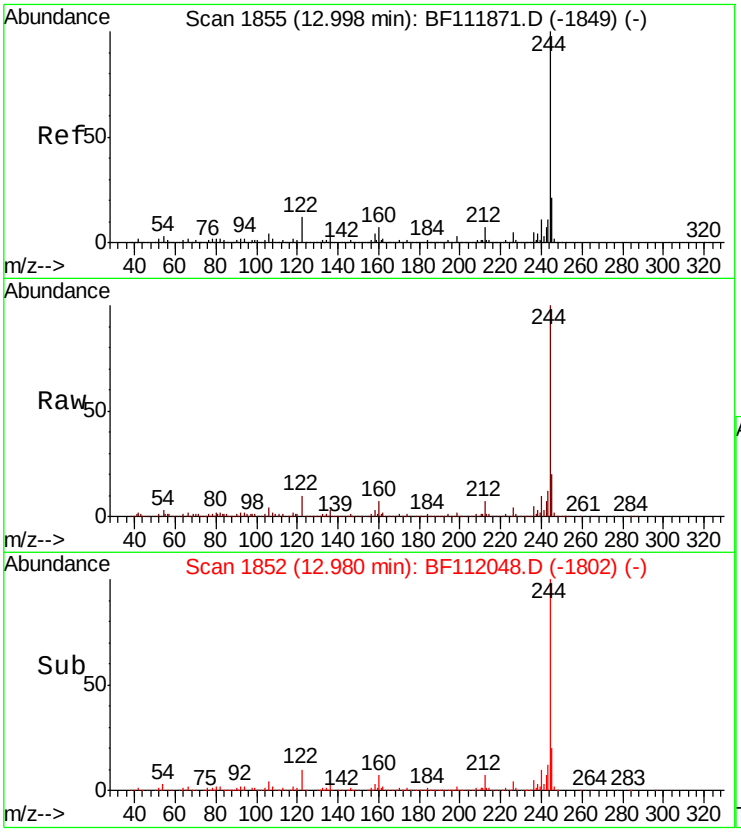


#78
Pyrene
Concen: 8.081 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:202 Resp: 203642

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	17.8	14.6	21.8



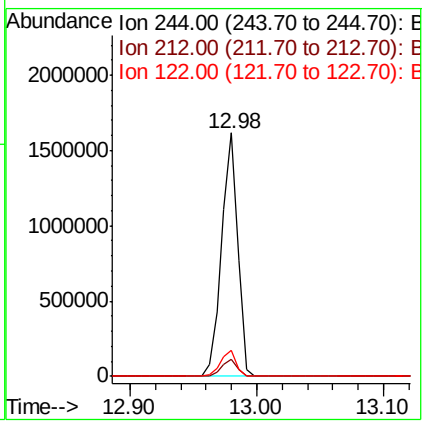


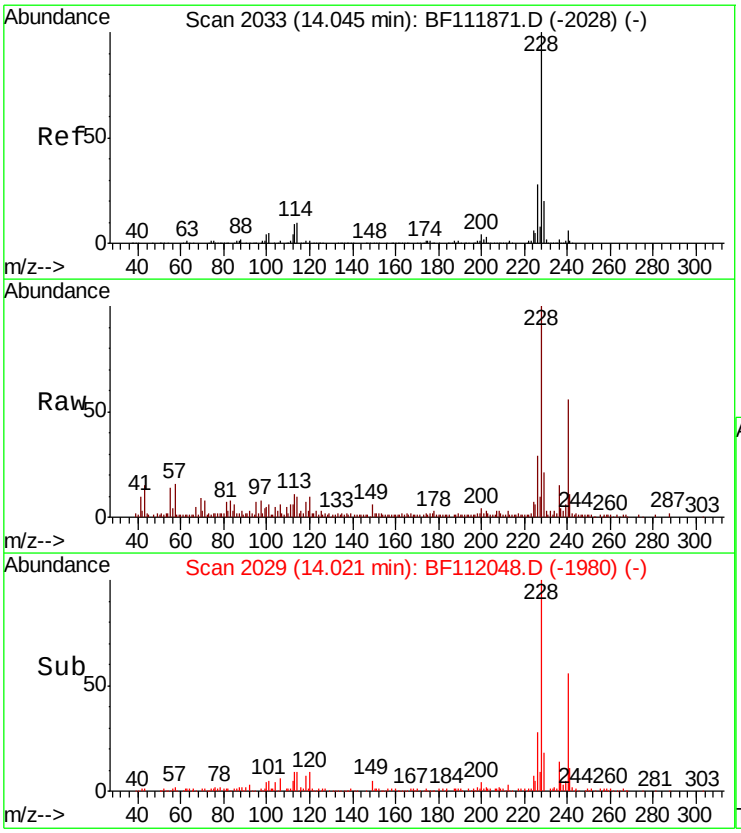
#79
Terphenyl-d14
Concen: 74.399 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1435515

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	9.5	14.3

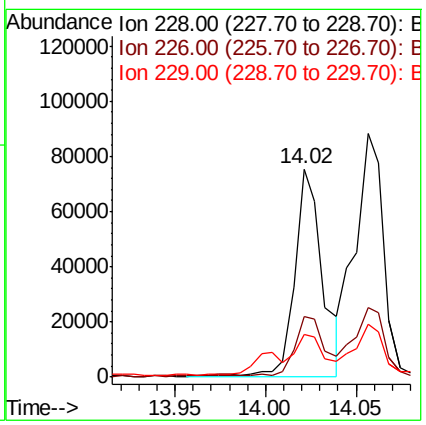


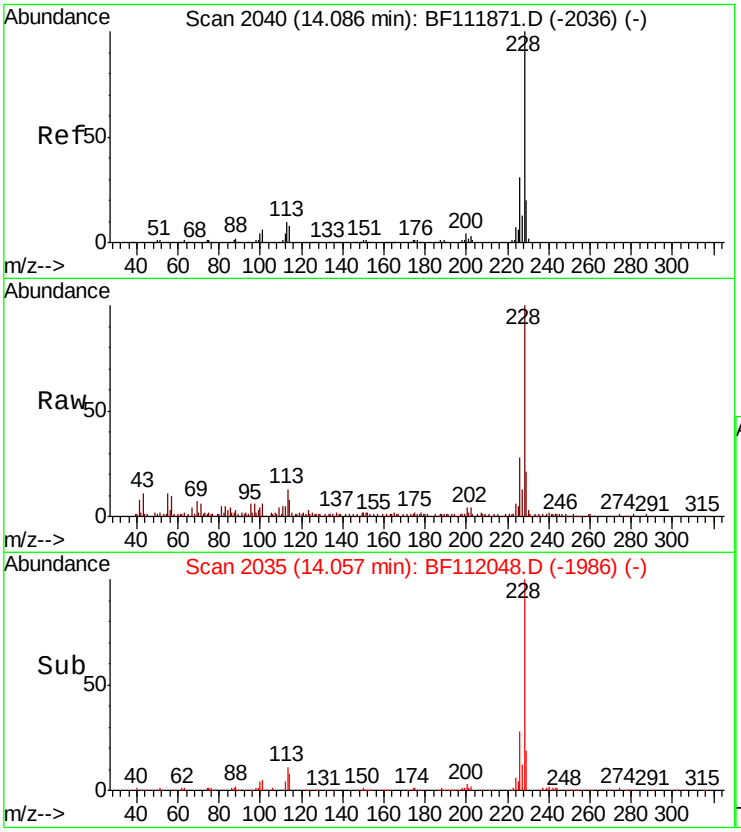


#81
Benzo(a)anthracene
Concen: 3.851 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:228 Resp: 81168

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	20.5	16.2	24.2



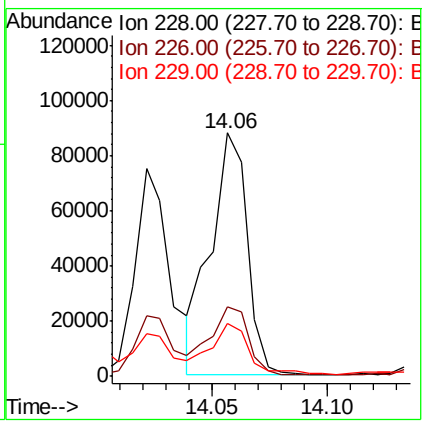


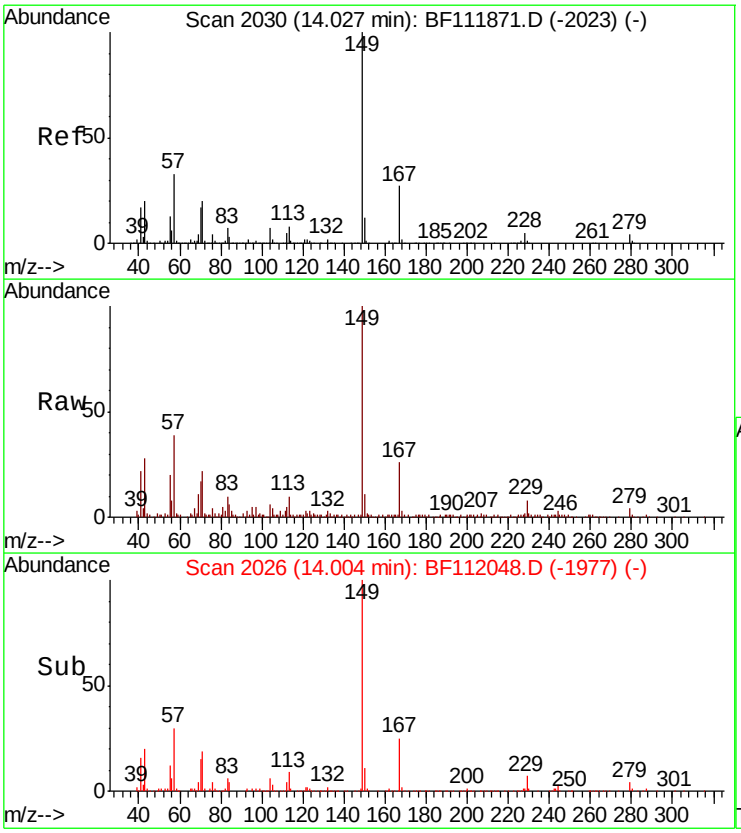
#83
Chrysene
Concen: 4.822 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 96911

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.6	37.0
229	21.5	15.7	23.5

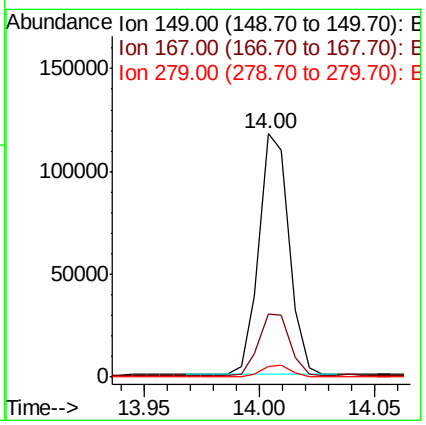


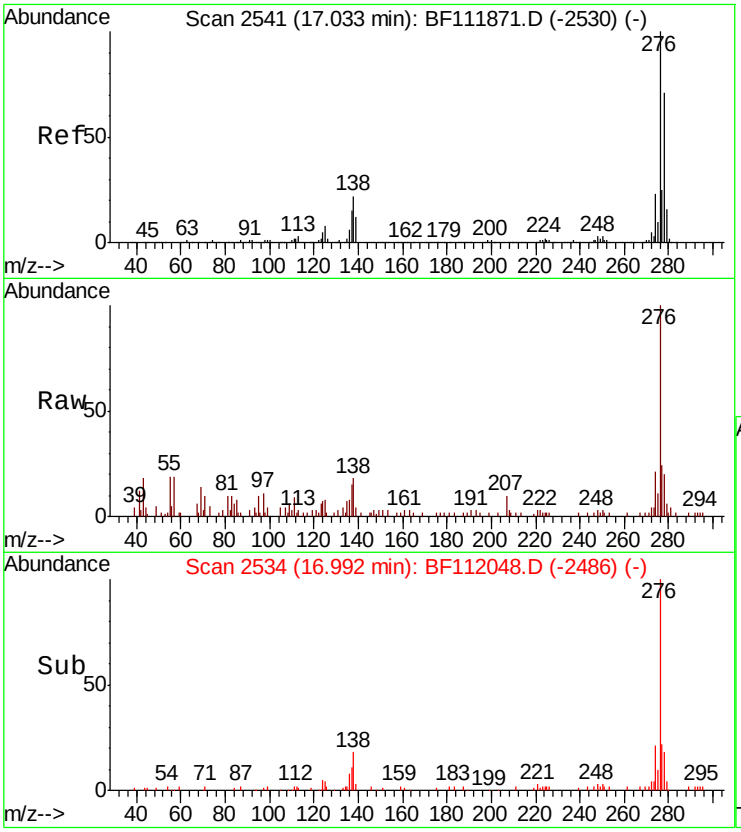


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.675 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:149 Resp: 107384

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.5	32.3
279	4.2	3.0	4.6



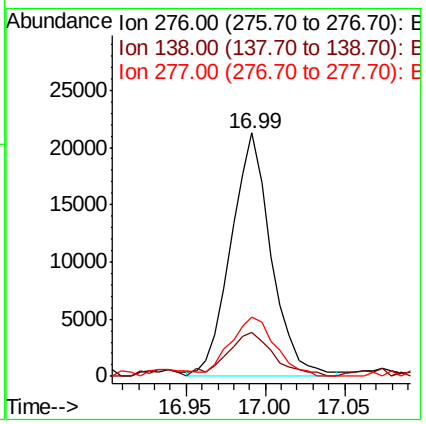


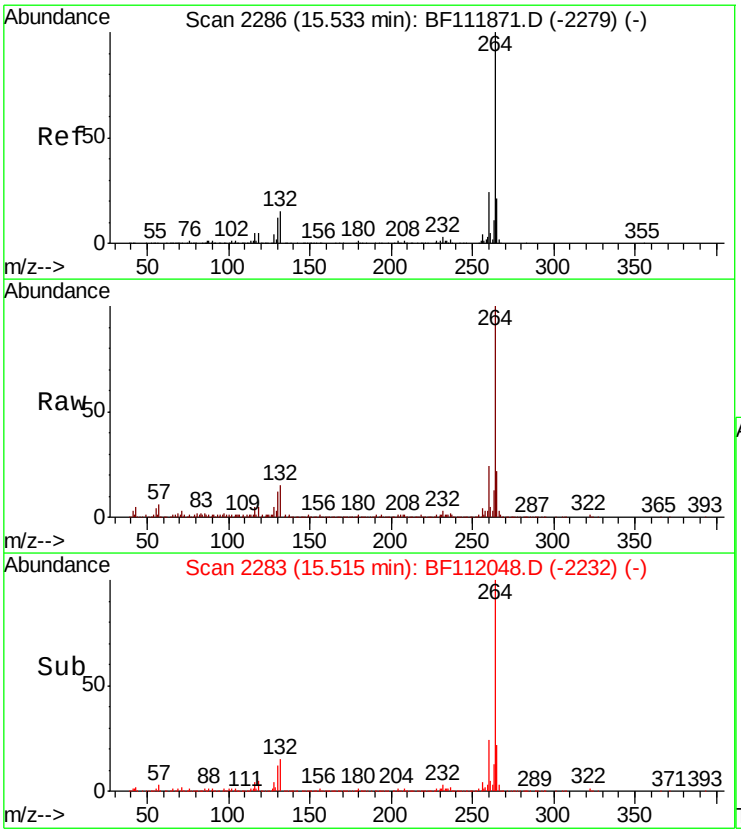
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.567 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37616

Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.1	27.1
277	26.5	19.9	29.9

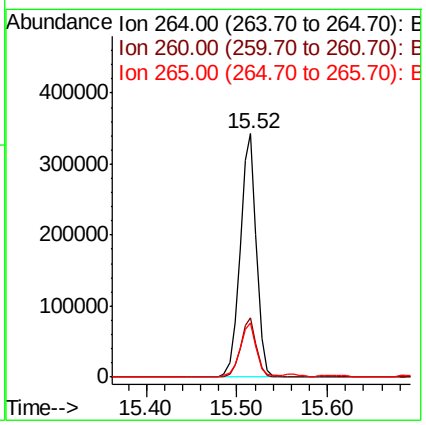


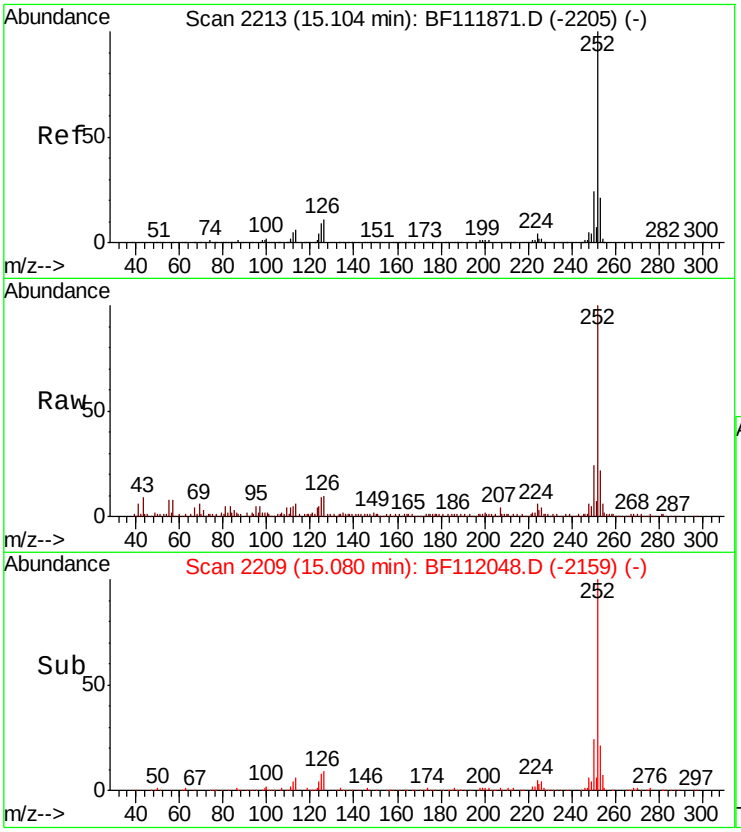


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:264 Resp: 426376

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.1	25.7



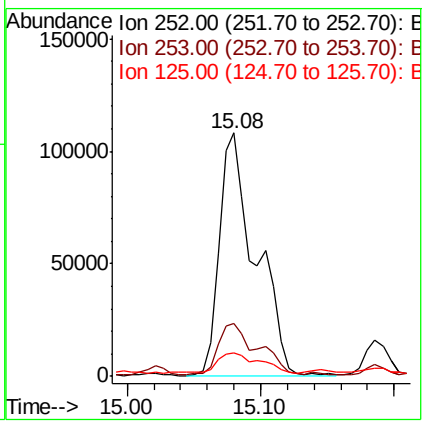


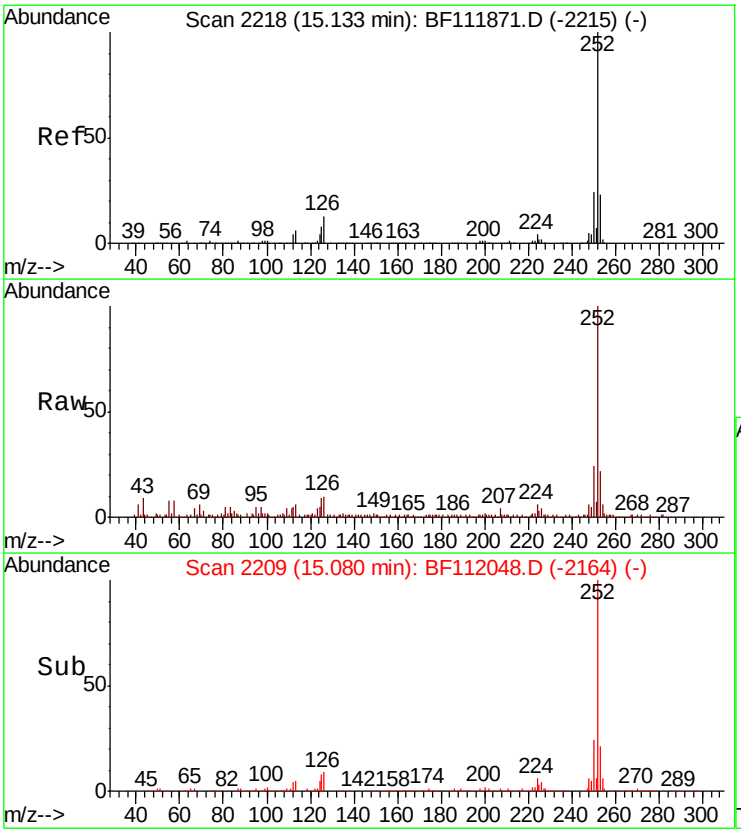
#88
Benzo(b)fluoranthene
Concen: 7.961 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 203039

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.5	7.1	10.7

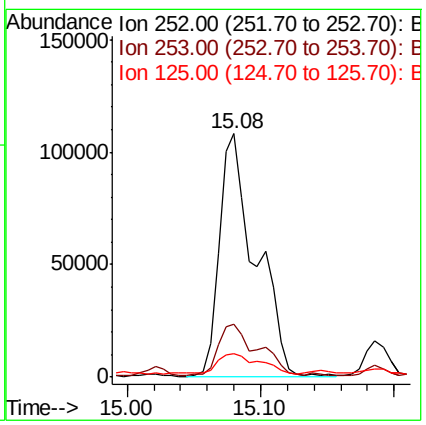


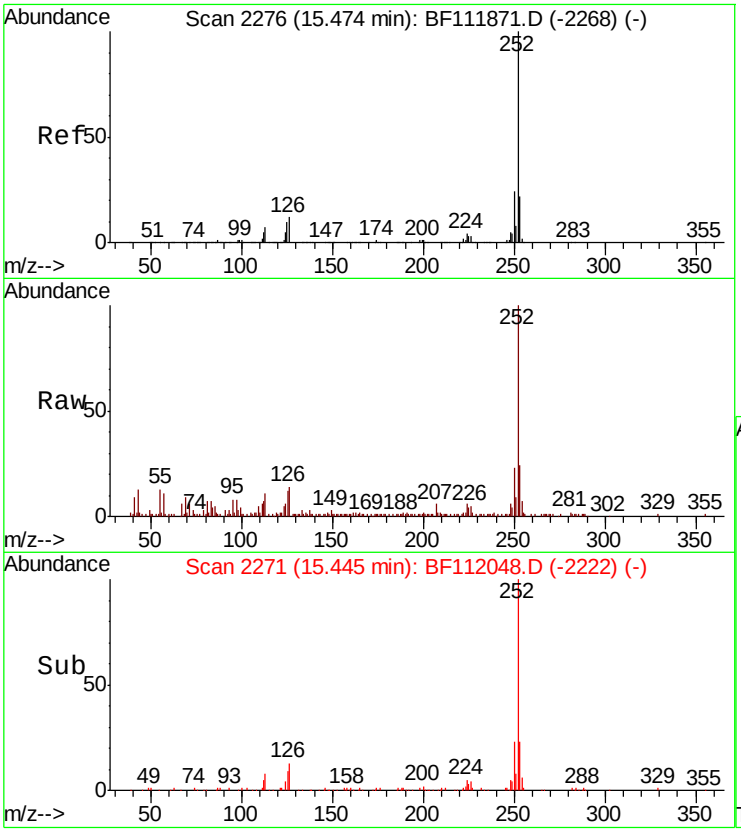


#89
Benzo(k)fluoranthene
Concen: 8.469 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:252 Resp: 203039

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.5	7.0	10.4



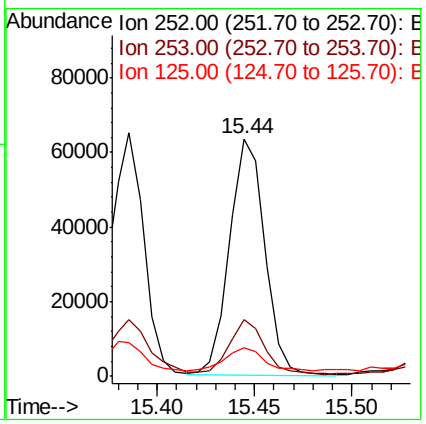


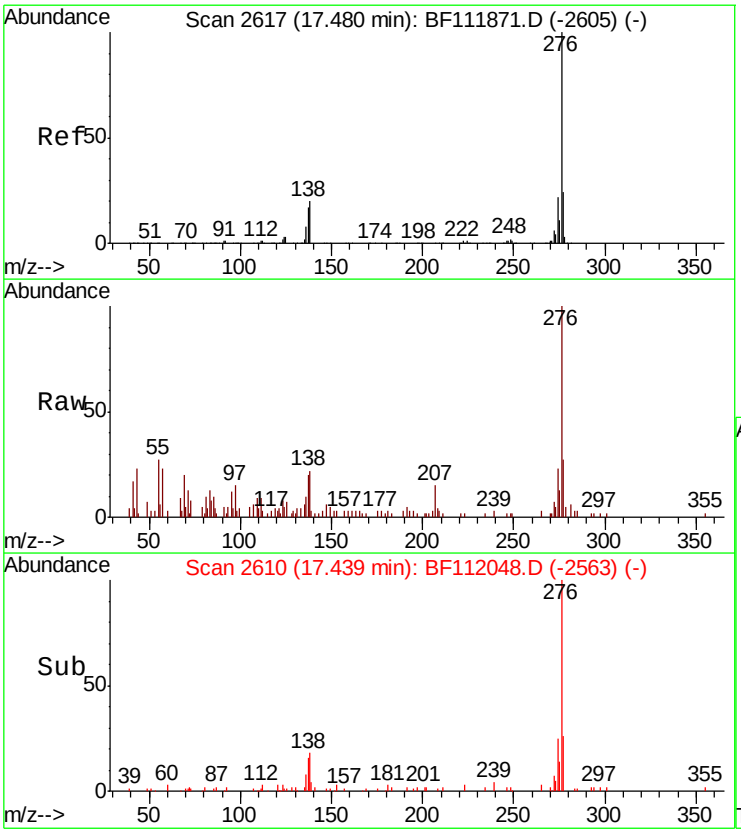
#90
Benzo(a)pyrene
Concen: 3.550 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 79623

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	12.1	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 2.033 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF112048.D
Acq: 14 Jan 2019 14:09

Tgt Ion:276 Resp: 35860

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.0	28.6
138	21.9	16.2	24.2