Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 21:21:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128623	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	494401	20.00	ng		-0.02
39) Acenaphthene-d10	9.91	164	247619	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	441199	20.00	ng		-0.02
76) Chrysene-d12	14.04	240	327390	20.00	ng		-0.02
87) Perylene-d12	15.52	264	330656	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	757704	100.78	ng		-0.01
7) Phenol-d6	6.52	99	1000239	103.22	ng		-0.02
23) Nitrobenzene-d5	7.43	82	645255	69.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	303008	94.08	ng		-0.02
45) 2-Fluorobiphenyl	9.23	172	1132366	66.68	ng		-0.02
79) Terphenyl-d14	12.98	244	1012460	58.70	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	1822	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.43	70	87666	13.924	ng	#	77
25) Isophorone	7.43	82	645249	43.075	ng	#	65
50) Dimethylphthalate	9.62	163	292761	15.739	ng		100
57) 2,4-Dinitrotoluene	9.91	165	31206	5.806	ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	18077	3.163	ng	#	1
71) Phenanthrene	11.42	178	134400	5.698	ng		97
75) Fluoranthene	12.61	202	202448	8.360	ng		100
78) Pyrene	12.84	202	173327	7.694	ng		98
81) Benzo(a)anthracene	14.03	228	86394	4.585	ng		97
83) Chrysene	14.06	228	79390	4.419	ng		96
86) Indeno(1,2,3-cd)pyrene	17.00	276	44101	3.367	ng		94
88) Benzo(b)fluoranthene	15.08	252	142807	7.220	ng	#	97
89) Benzo(k)fluoranthene	15.08	252	142807	7.681	ng	#	98
90) Benzo(a)pyrene	15.45	252	76792	4.415	ng		96
92) Benzo(g,h,i)perylene	17.44	276	39929	2.918	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 21:21:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
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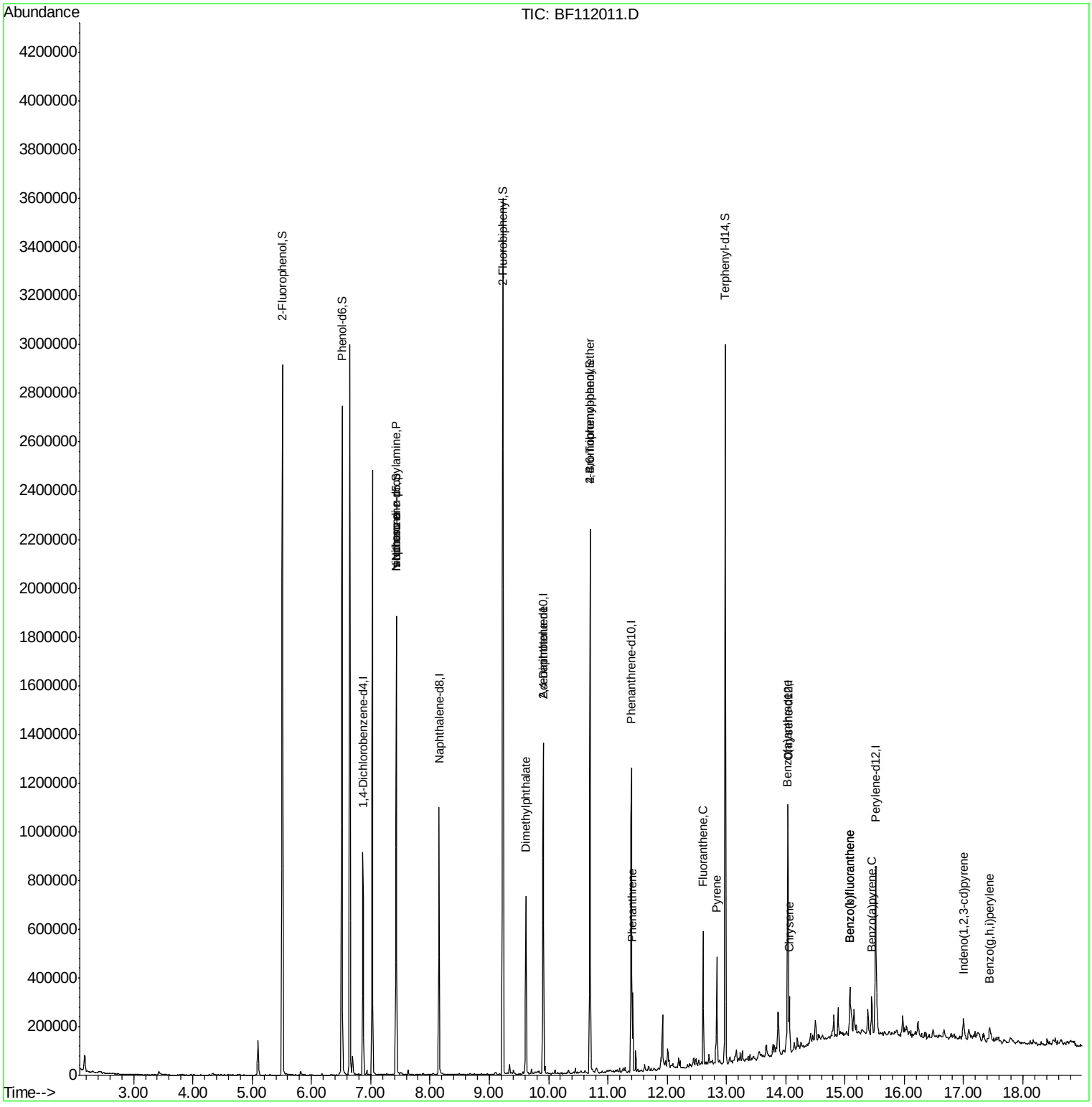
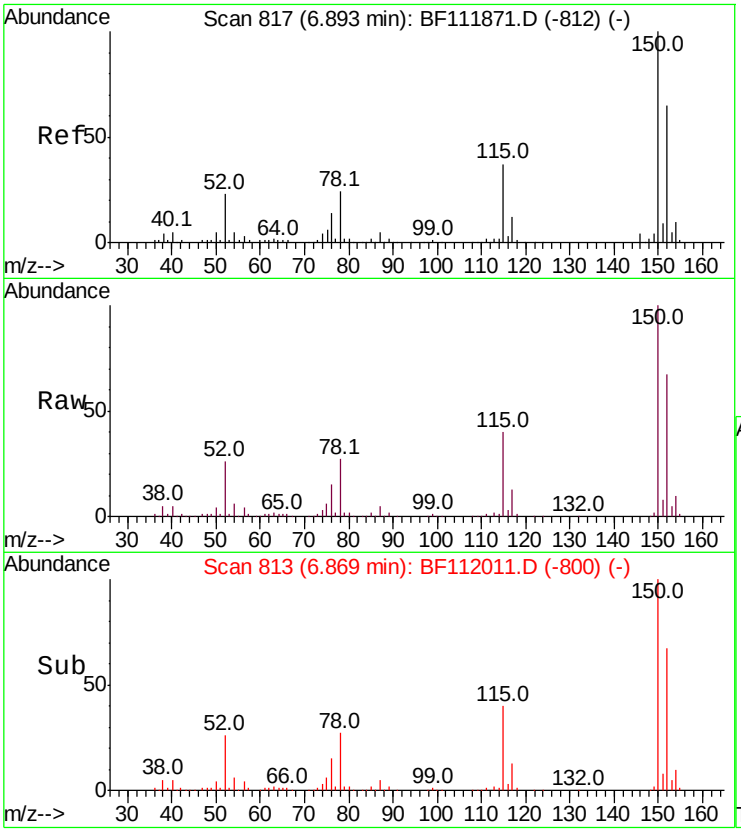


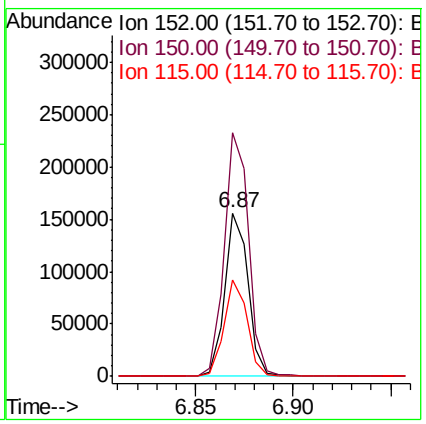


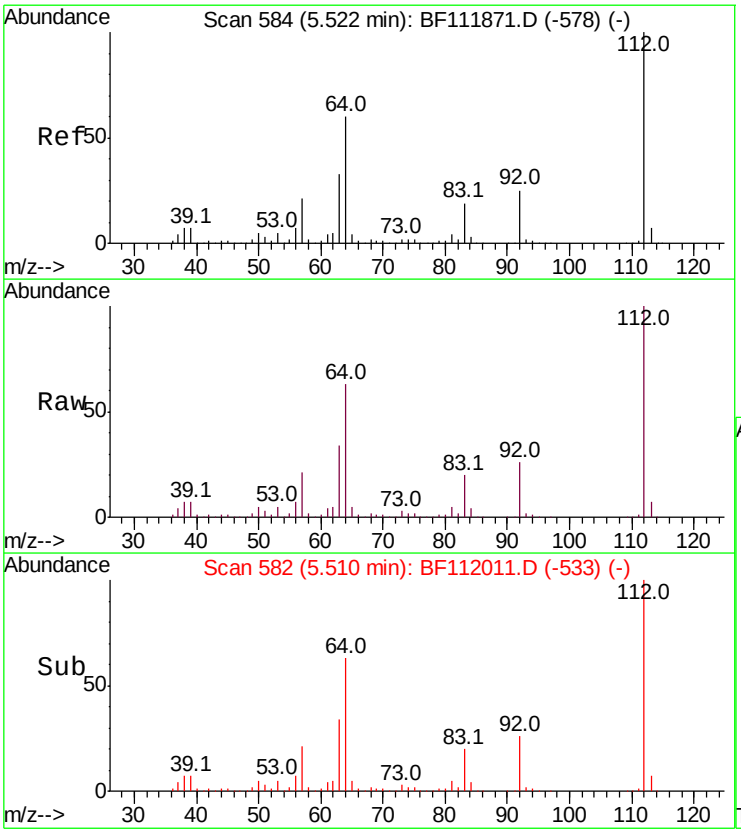
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128623

Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.7	184.1
115	59.2	45.2	67.8

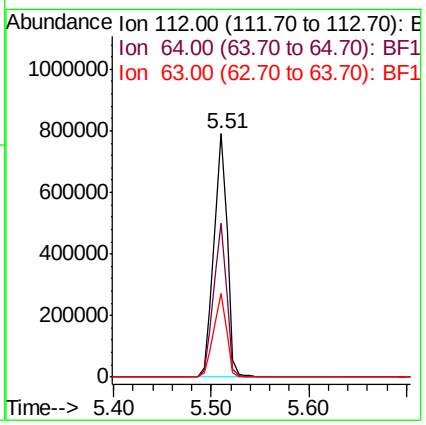


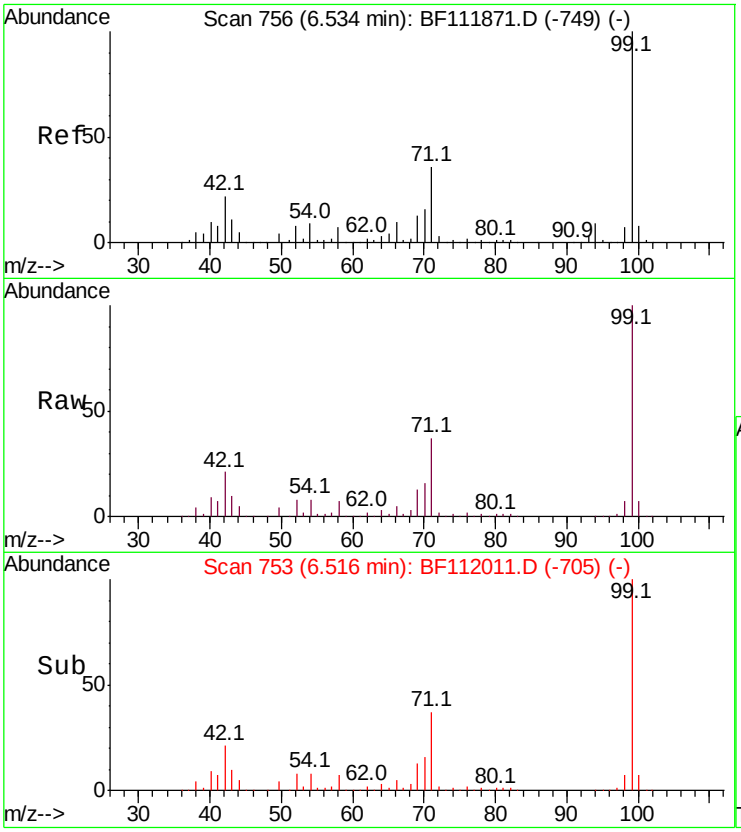


#5
2-Fluorophenol
Concen: 100.782 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:112 Resp: 757704

Ion	Ratio	Lower	Upper
112	100		
64	63.4	48.3	72.5
63	34.1	26.1	39.1



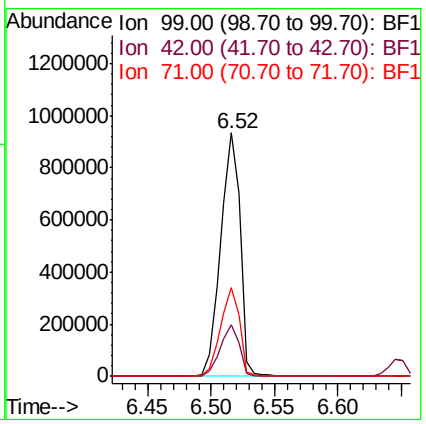


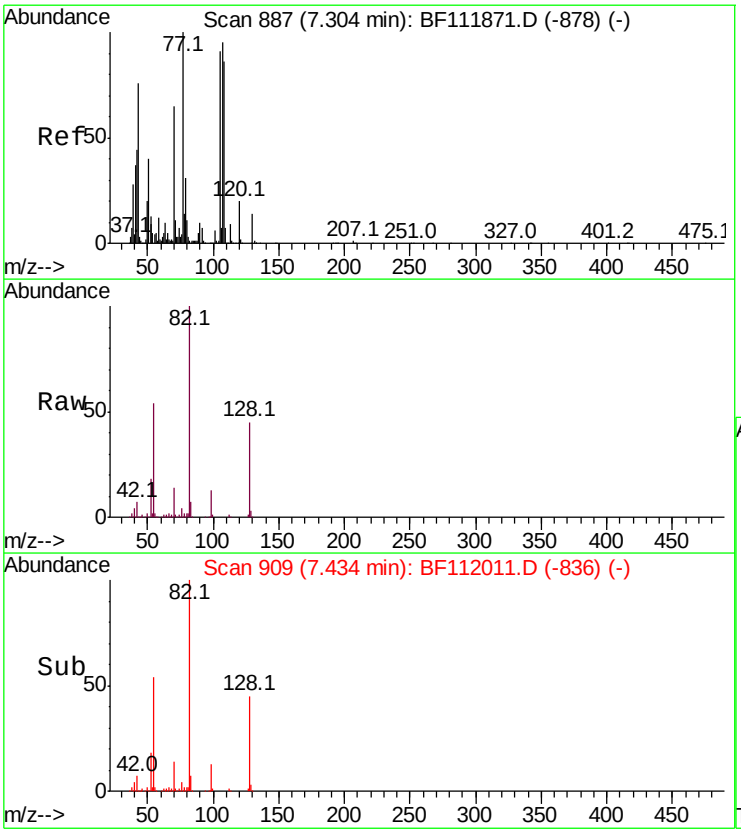
#7
Phenol-d6
Concen: 103.223 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1000239

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.9	26.9
71	36.7	28.7	43.1

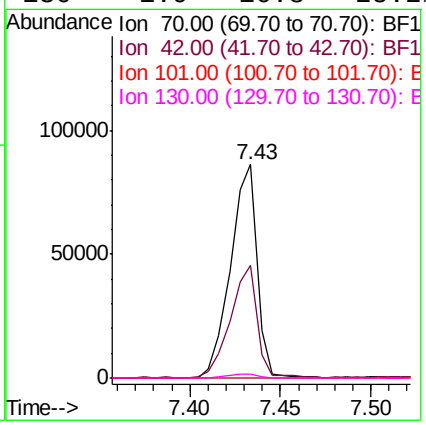


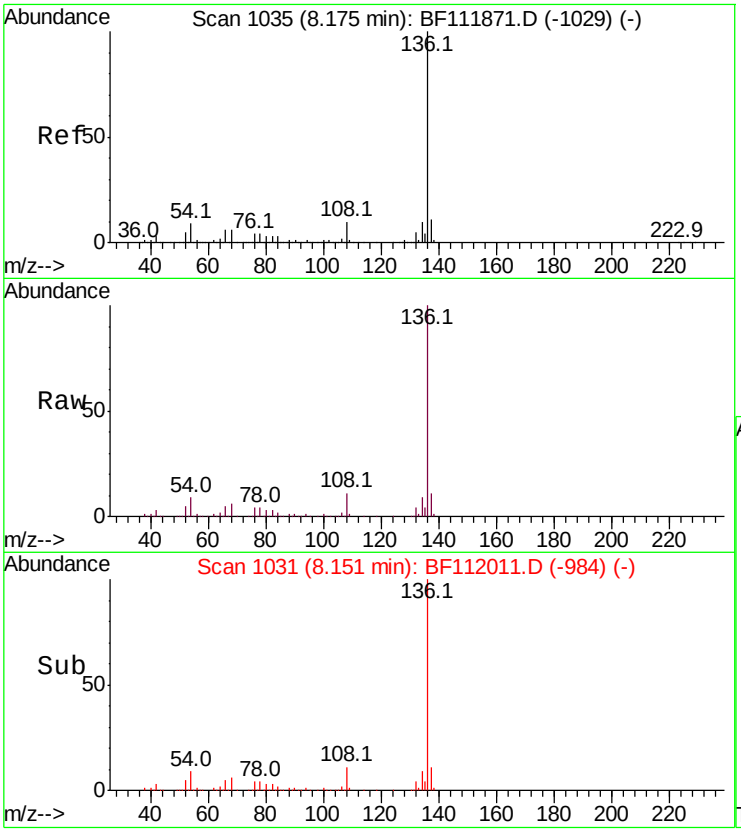


#19
n-Nitroso-di-n-propylamine
Concen: 13.924 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion: 70 Resp: 87666

Ion	Ratio	Lower	Upper
70	100		
42	52.7	53.6	80.4#
101	0.0	7.3	10.9#
130	1.9	16.8	25.2#



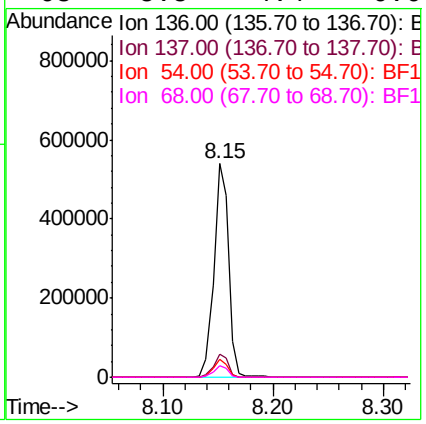


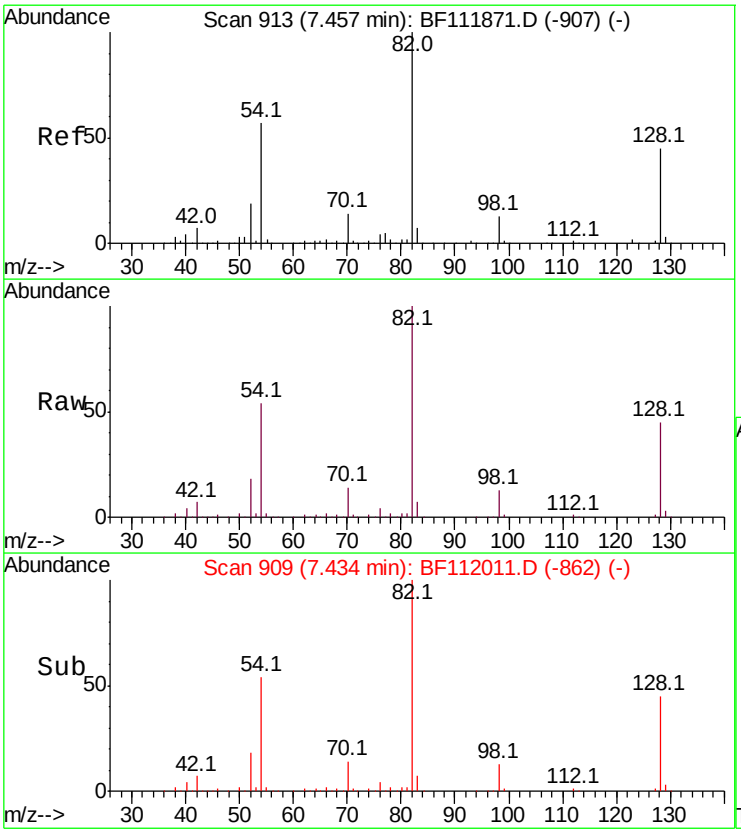
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 494401

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.5	7.2	10.8
68	5.5	4.4	6.6

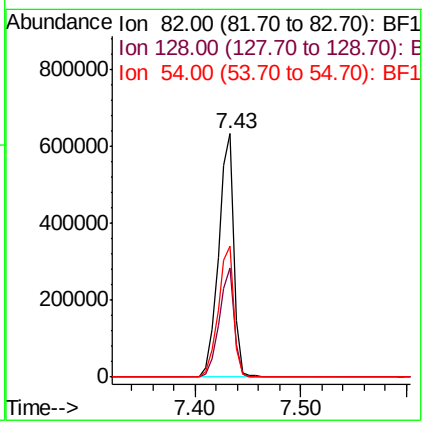


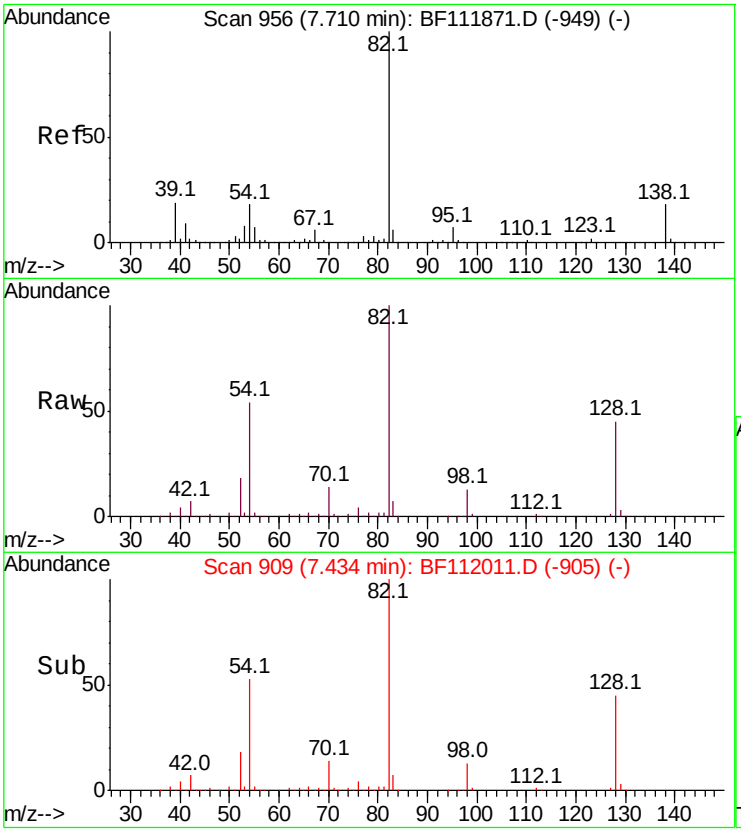


#23
Nitrobenzene-d5
Concen: 69.753 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion: 82 Resp: 645255

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	53.7	45.8	68.8



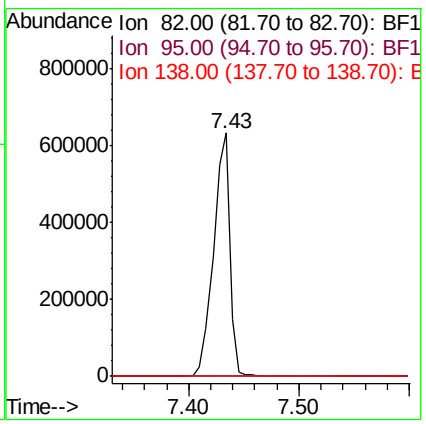


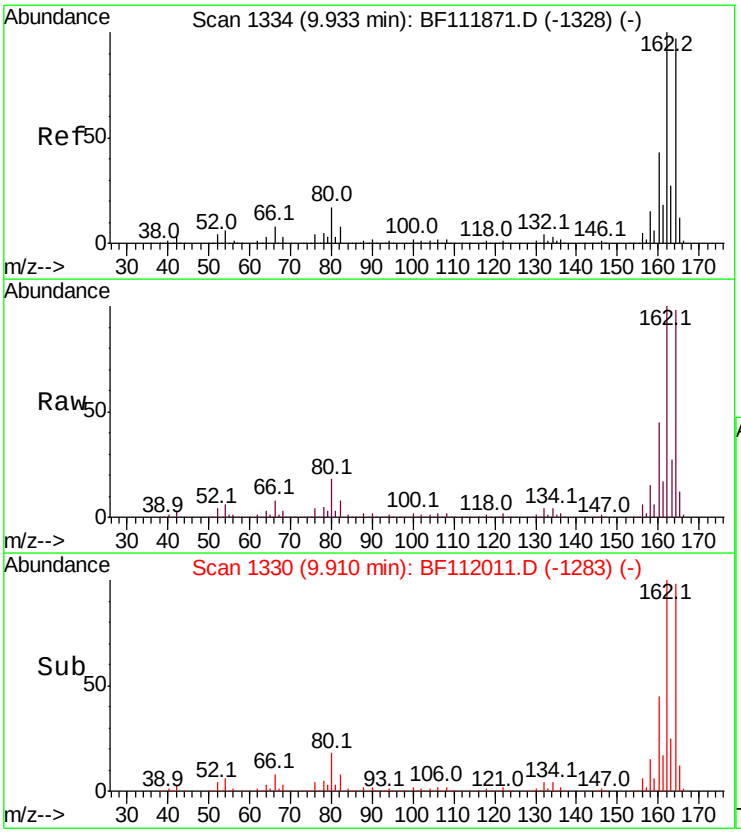
#25
Isophorone
Concen: 43.075 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 645249

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

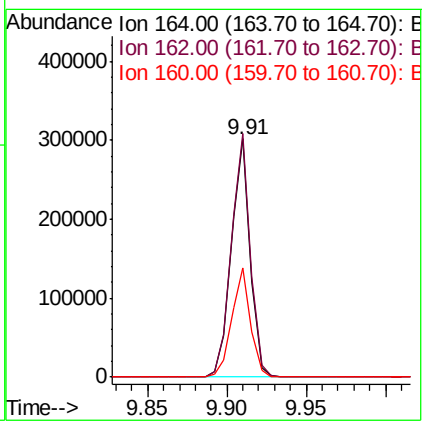


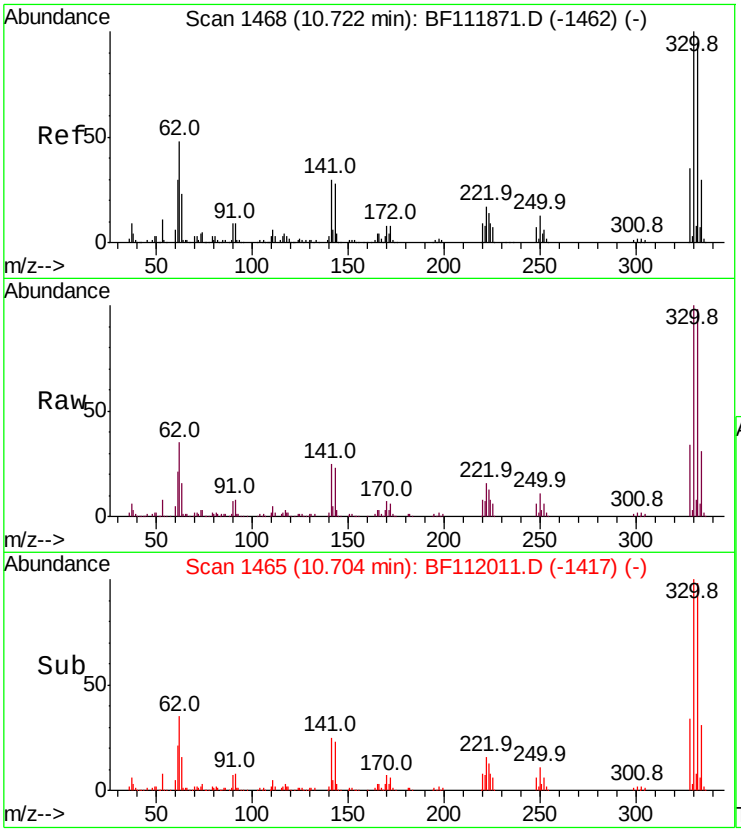


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:164 Resp: 247619

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	46.0	35.5	53.3



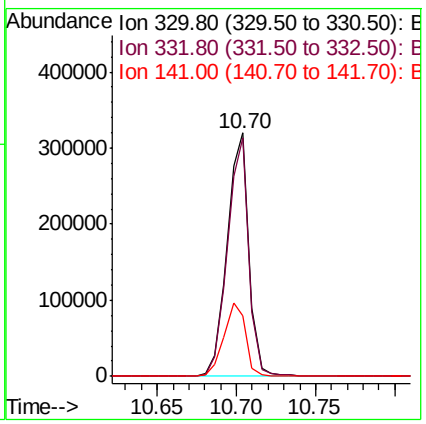


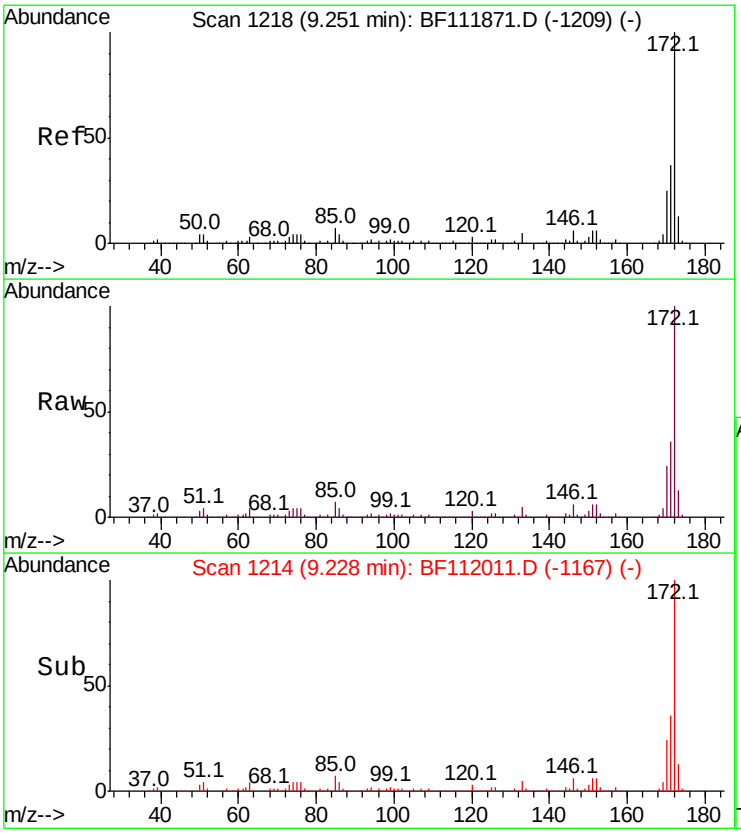
#42
2,4,6-Tribromophenol
Concen: 94.079 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 303008

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	30.5	23.7	35.5

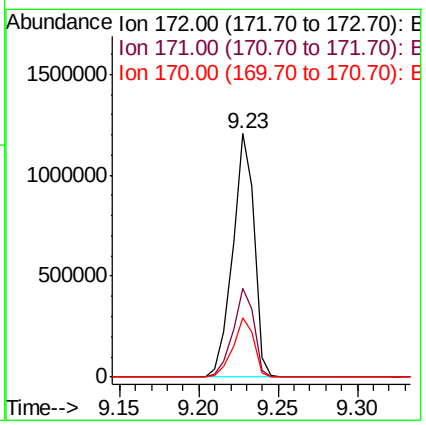


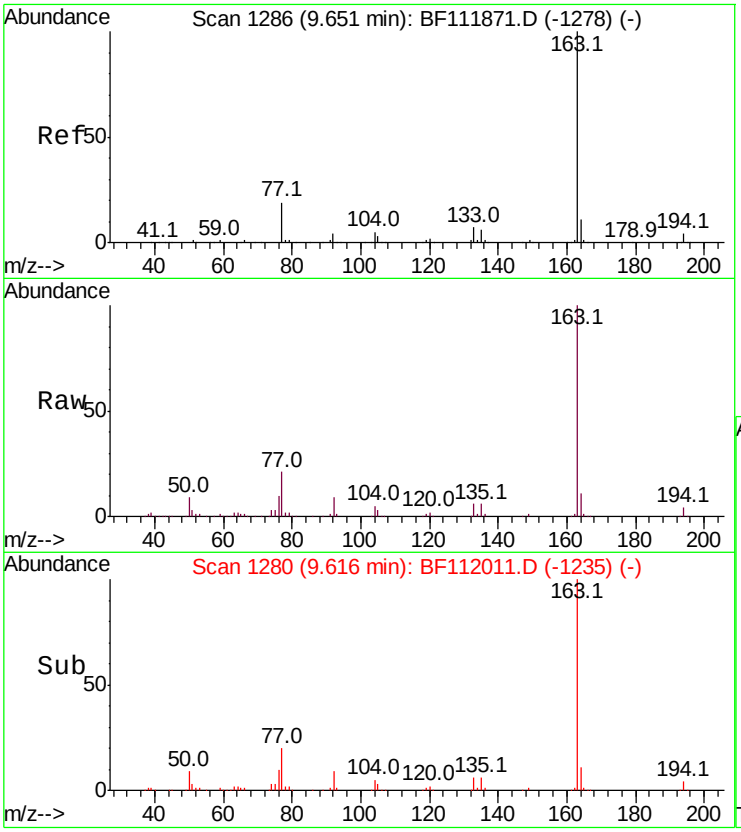


#45
2-Fluorobiphenyl
Concen: 66.684 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:172 Resp: 1132366

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8



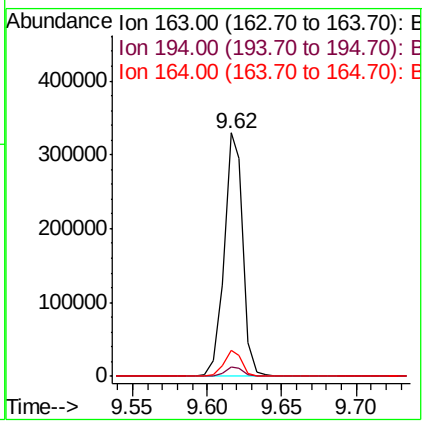


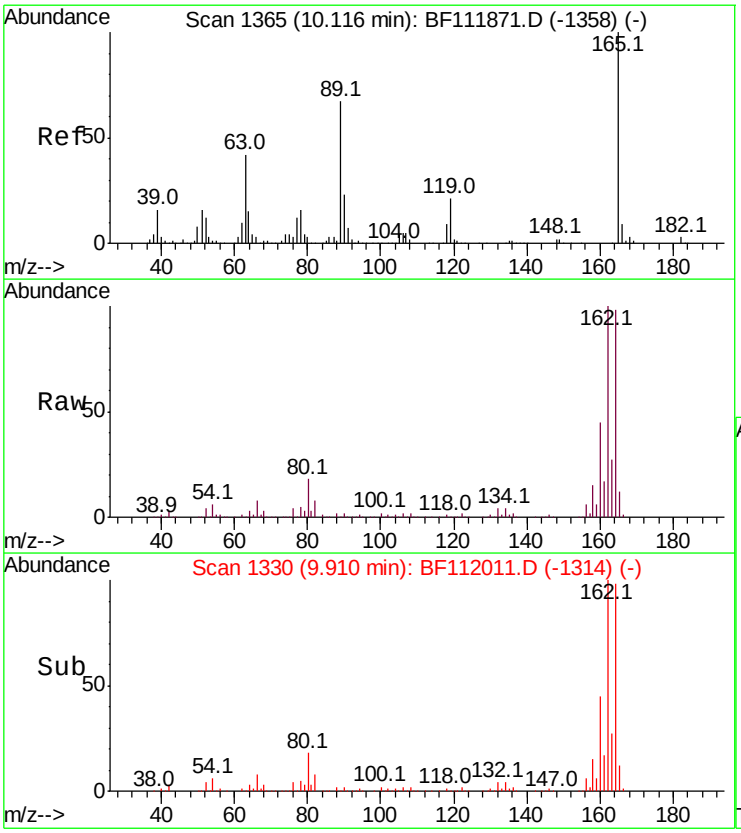
#50
Dimethylphthalate
Concen: 15.739 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 292761

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.5	8.5	12.7

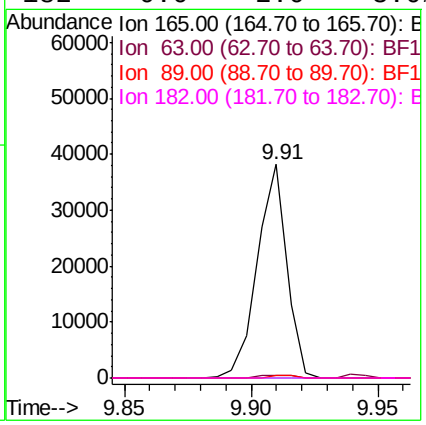


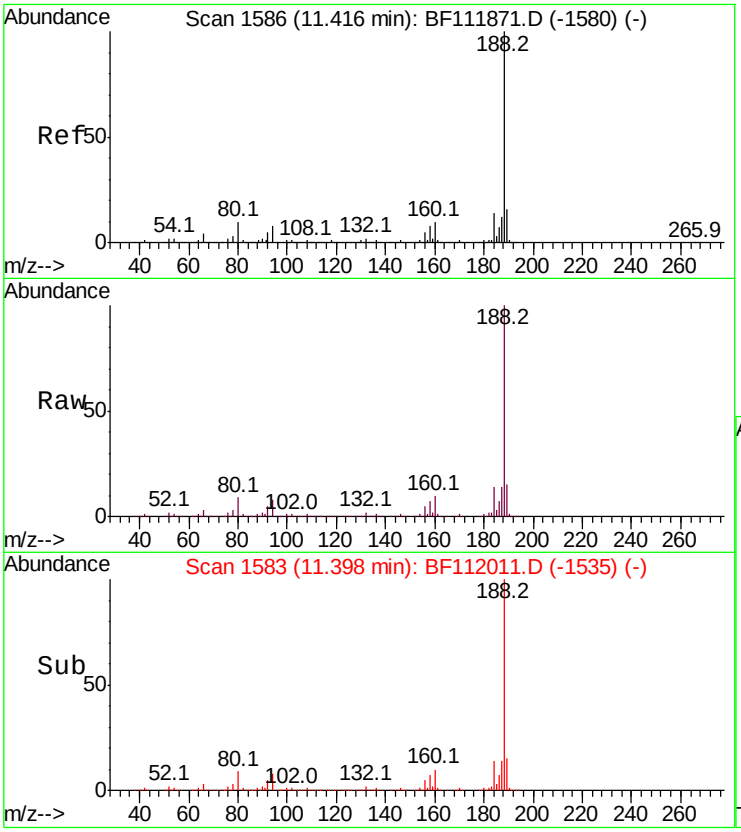


#57
2,4-Dinitrotoluene
Concen: 5.806 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:165 Resp: 31206

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.1	51.1#
89	1.4	53.5	80.3#
182	0.0	2.0	3.0#



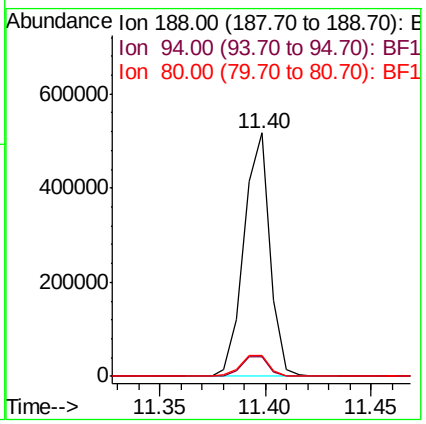


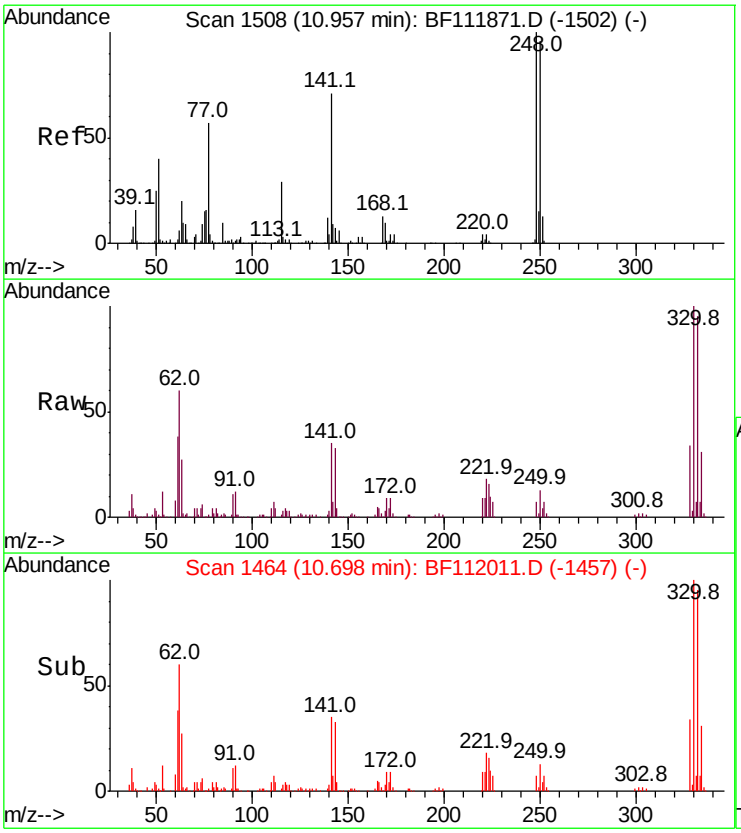
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 441199

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.5	7.7	11.5

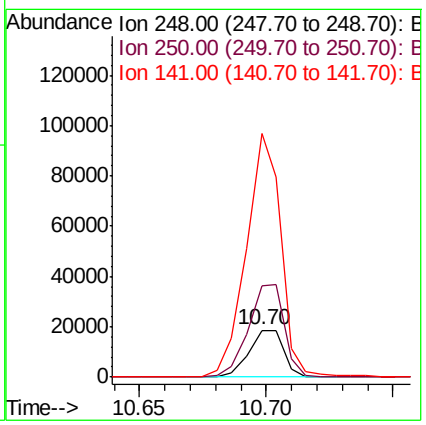


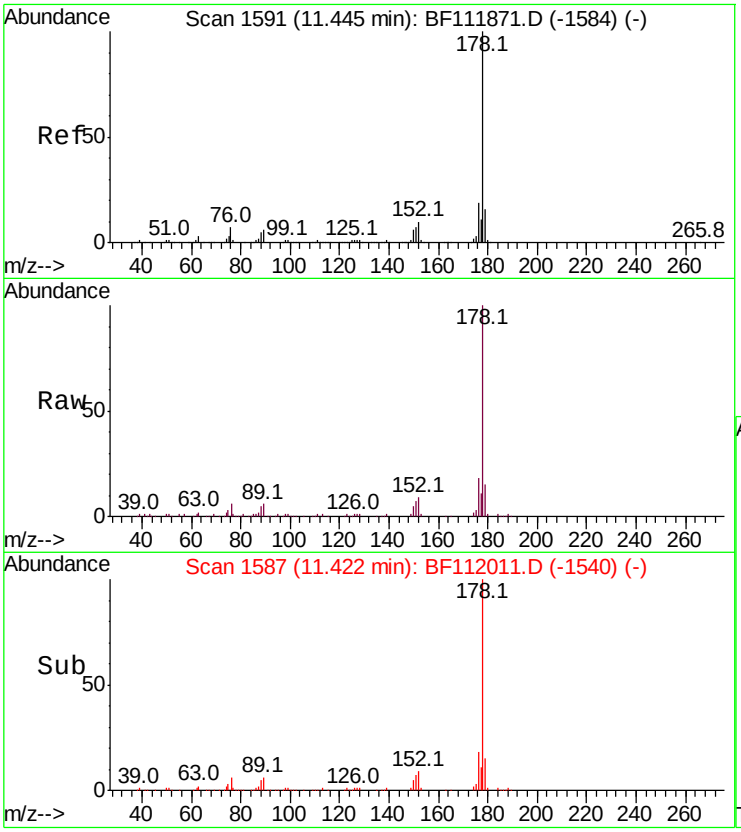


#67
4-Bromophenyl-phenylether
Concen: 3.163 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:248 Resp: 18077

Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.8	115.2#
141	520.9	57.0	85.6#



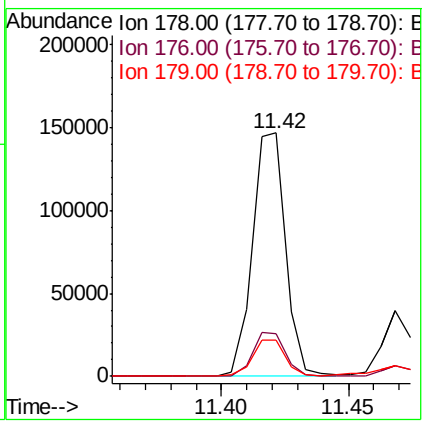


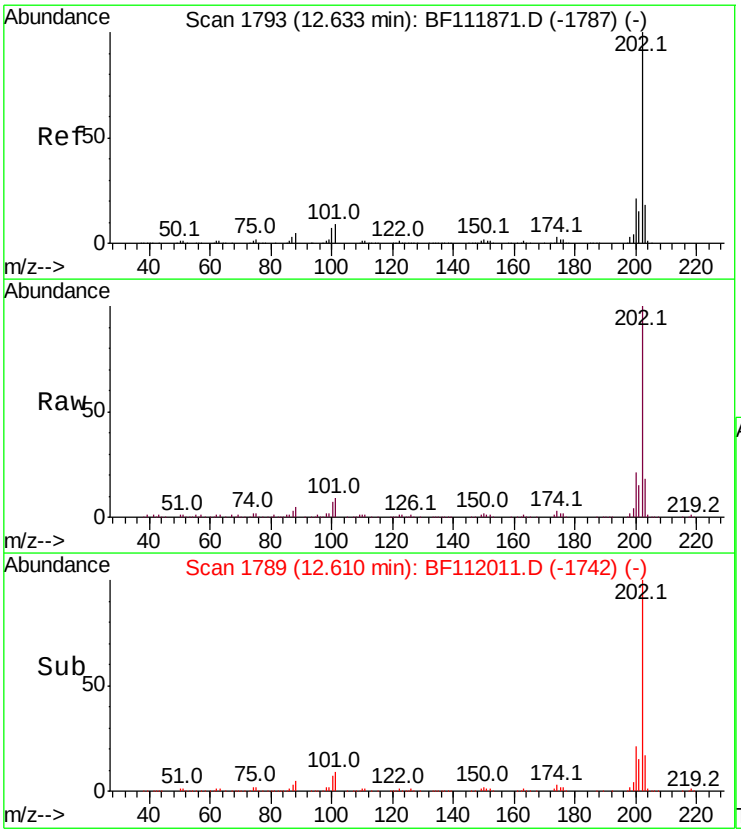
#71
Phenanthrene
Concen: 5.698 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 134400

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.6	23.4
179	14.8	12.6	18.8

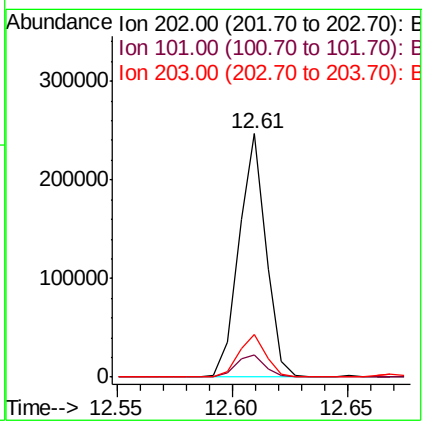


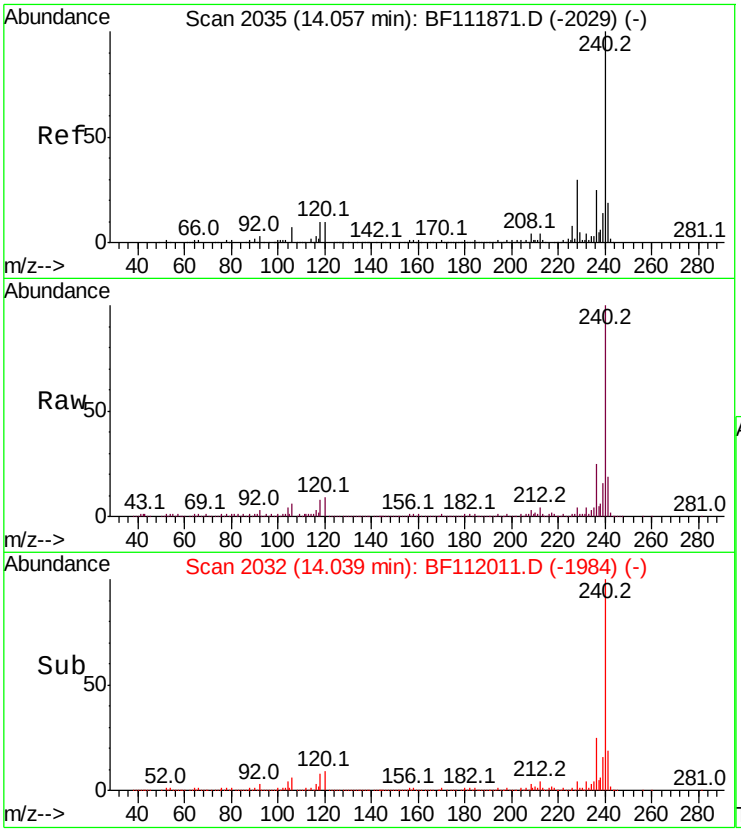


#75
Fluoranthene
Concen: 8.360 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:202 Resp: 202448

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.3
203	17.5	0.0	37.6



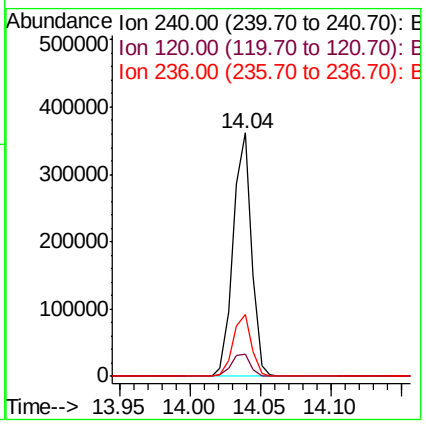


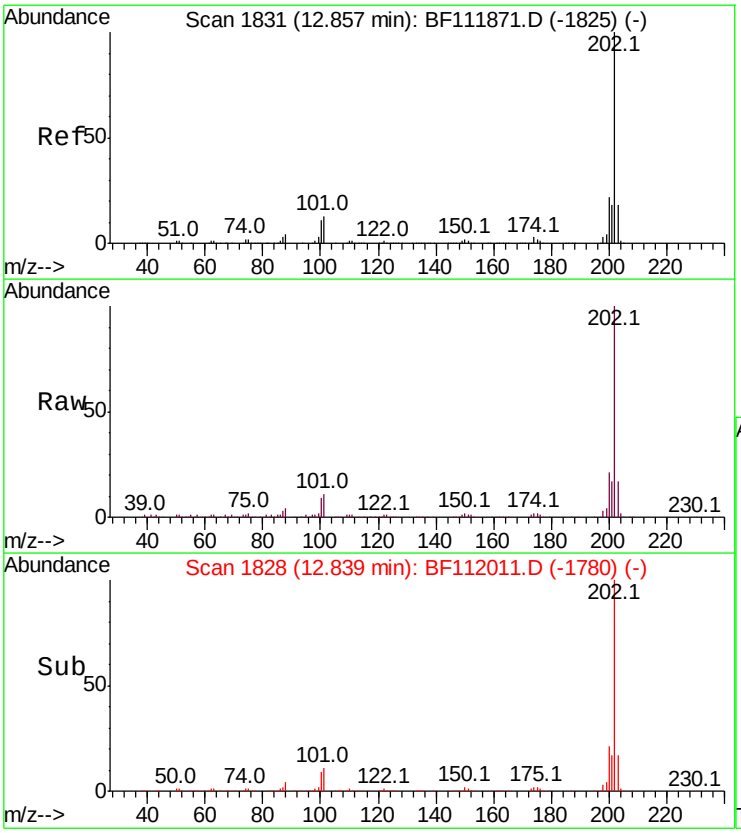
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 327390

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	25.5	20.2	30.4

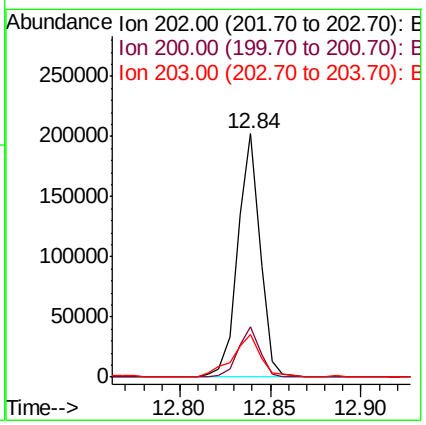


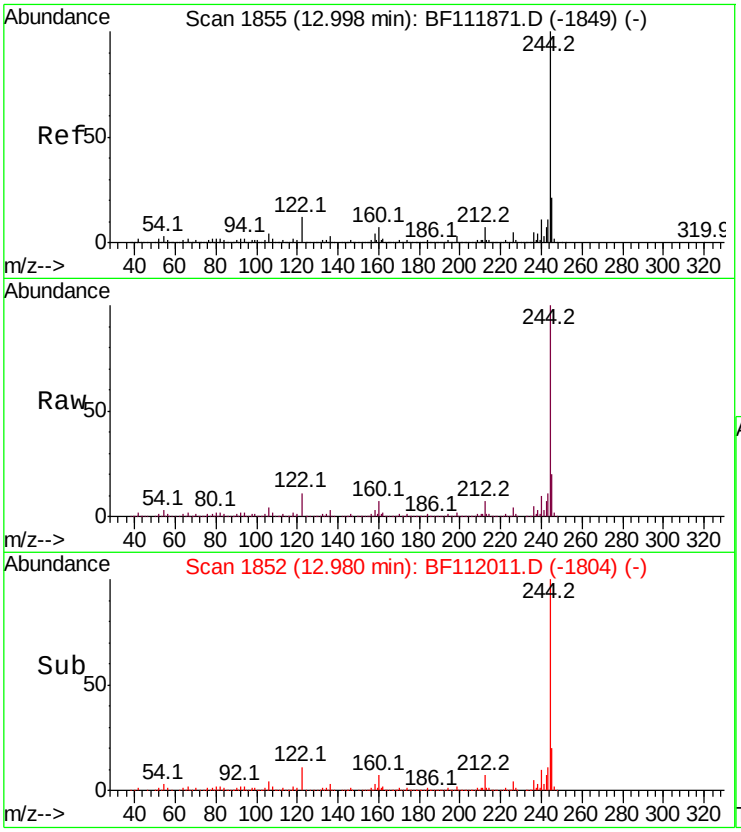


#78
Pyrene
Concen: 7.694 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:202 Resp: 173327

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.6	21.8



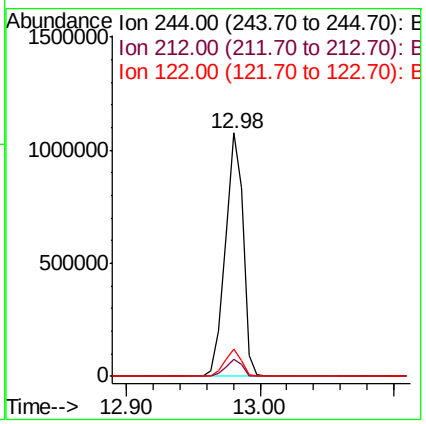


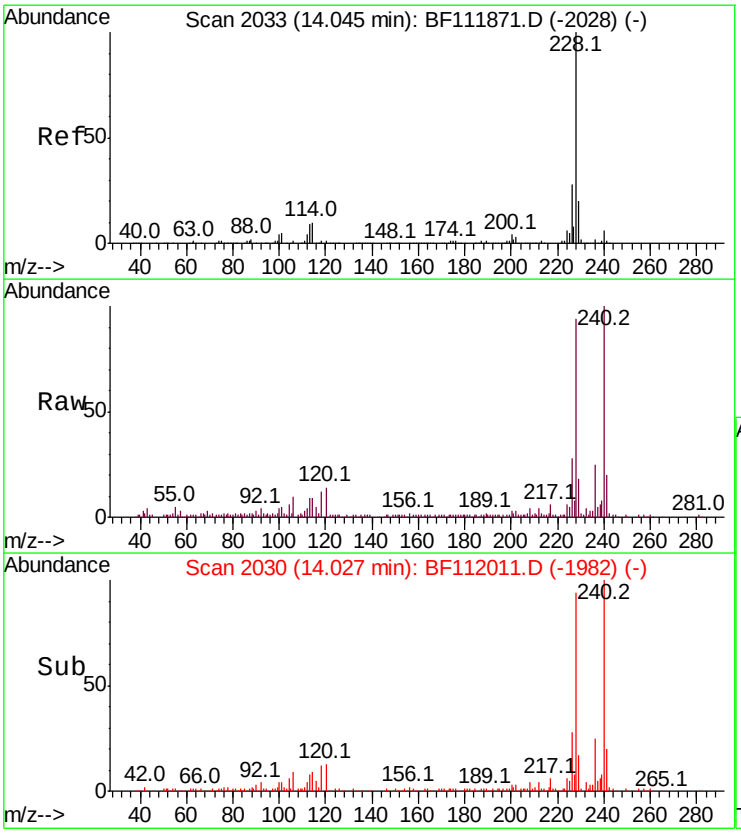
#79
Terphenyl-d14
Concen: 58.703 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1012460

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.1	9.5	14.3

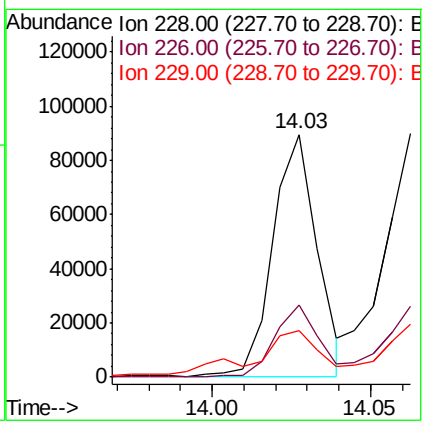


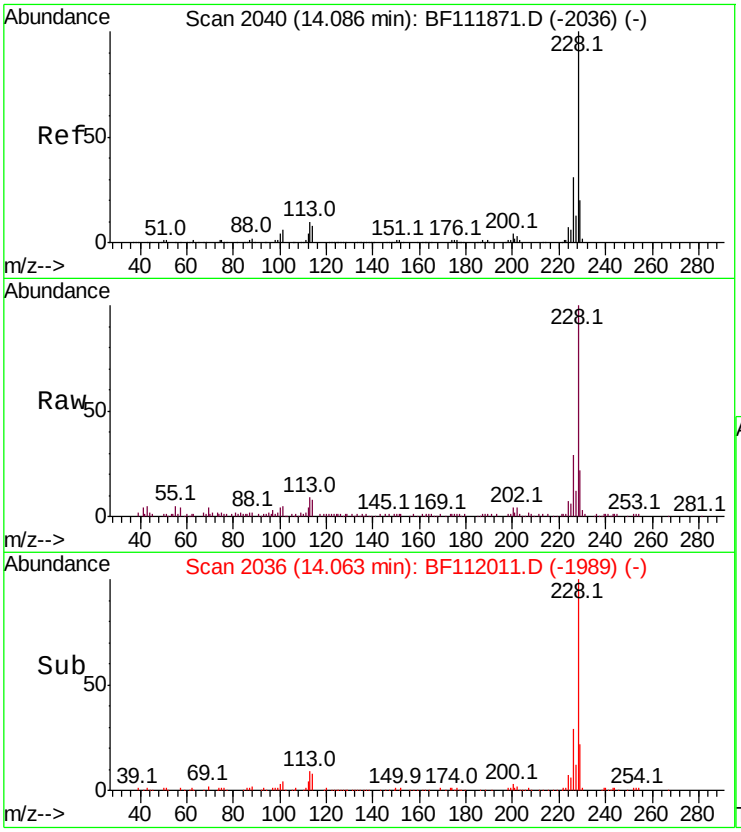


#81
Benzo(a)anthracene
Concen: 4.585 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:228 Resp: 86394

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.2	33.2
229	19.0	16.2	24.2



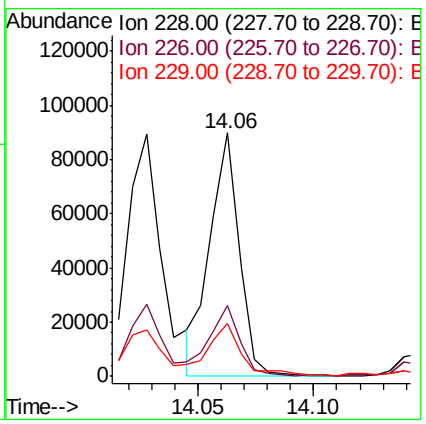


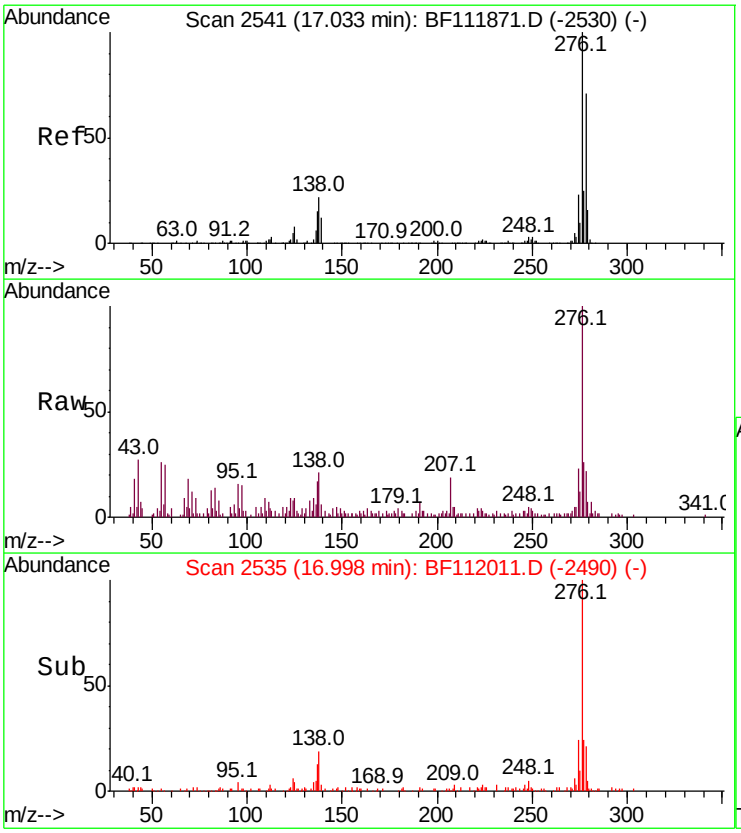
#83
Chrysene
Concen: 4.419 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79390

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	22.0	15.7	23.5

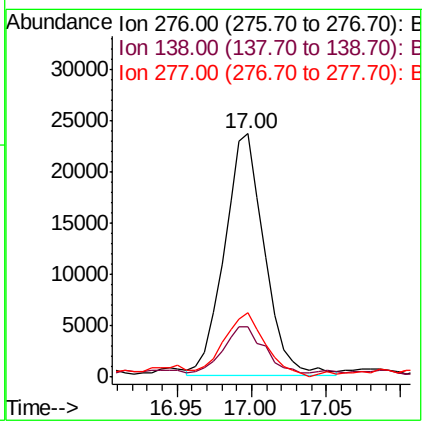


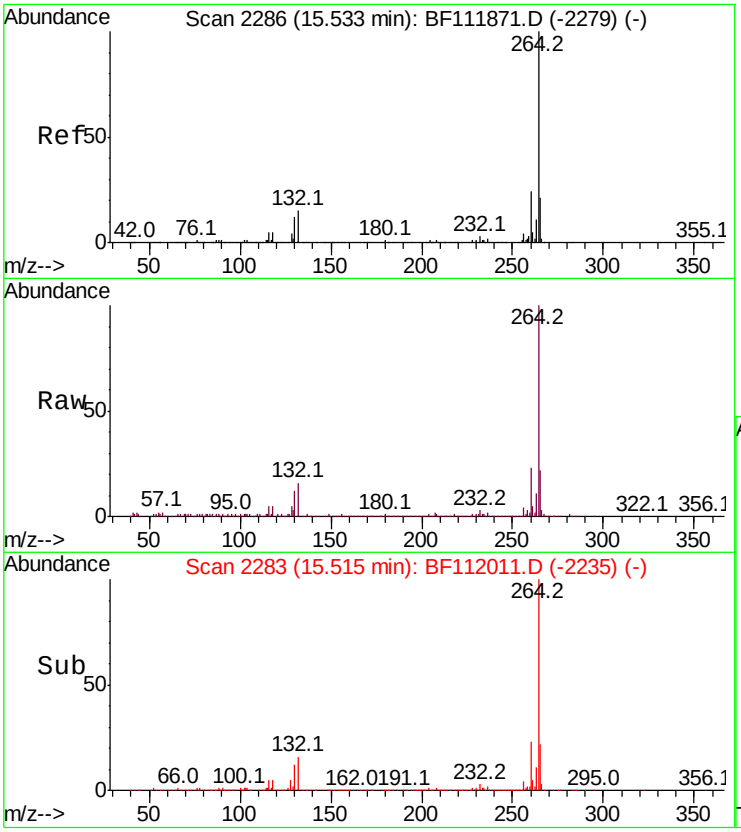


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.367 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.04 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:276 Resp: 44101

Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.1	27.1
277	27.7	19.9	29.9



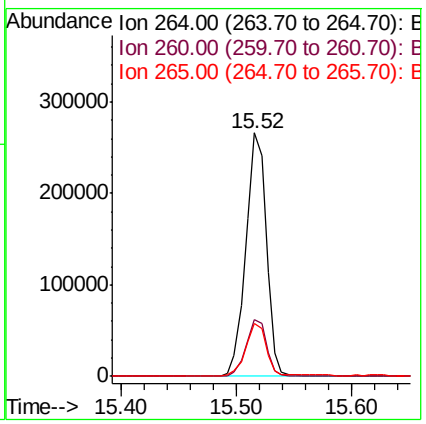


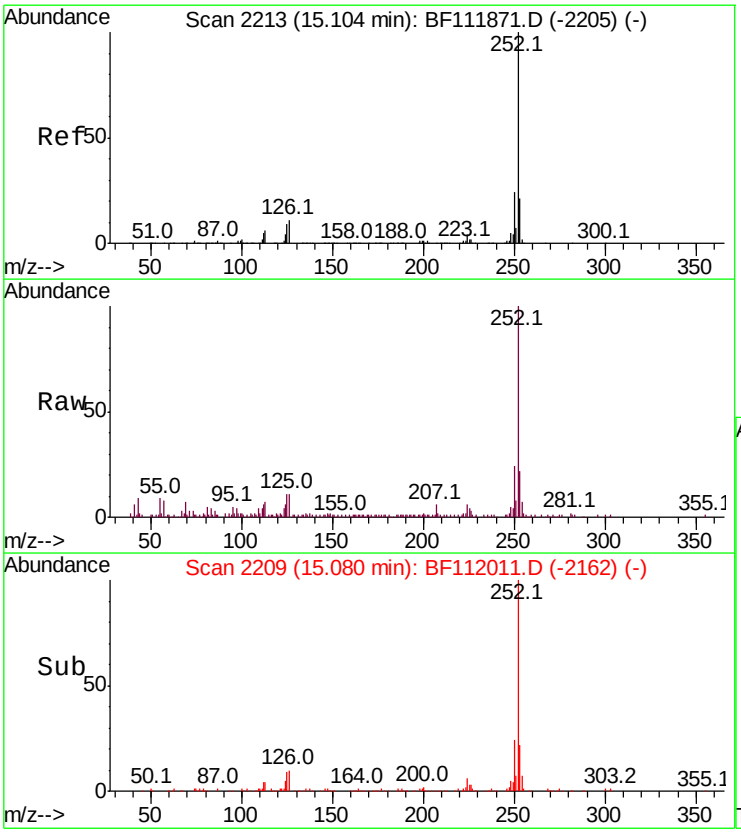
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 330656

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.1	25.7

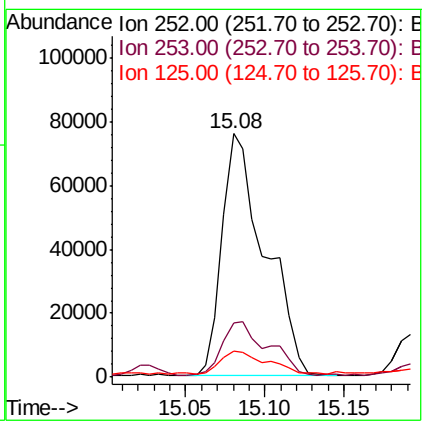


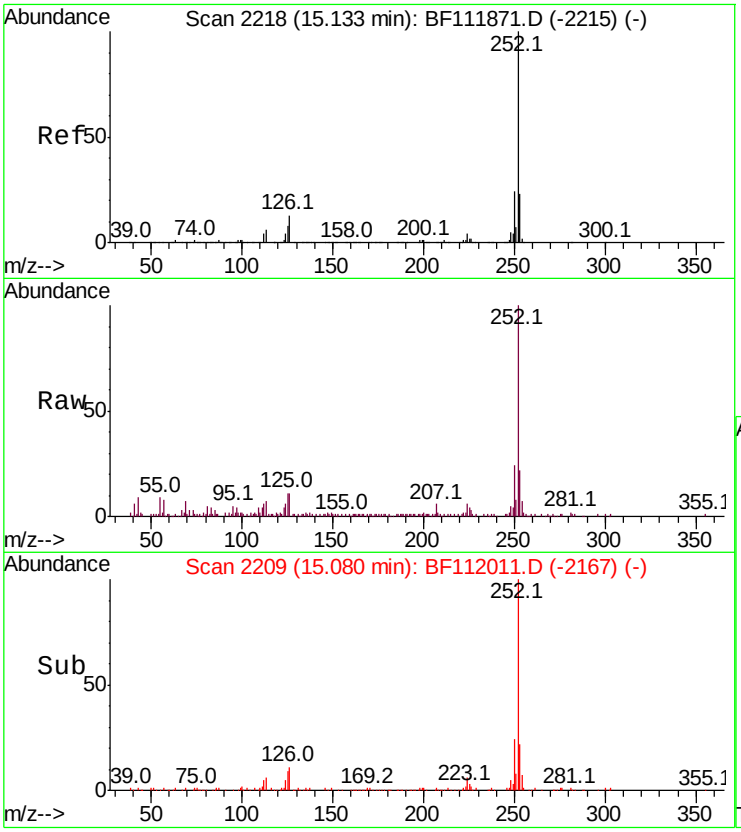


#88
Benzo(b)fluoranthene
Concen: 7.220 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:252 Resp: 142807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.9	7.1	10.7#



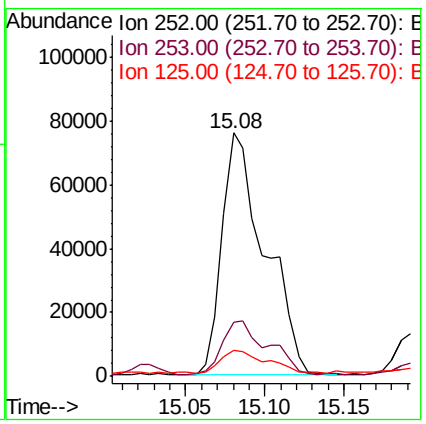


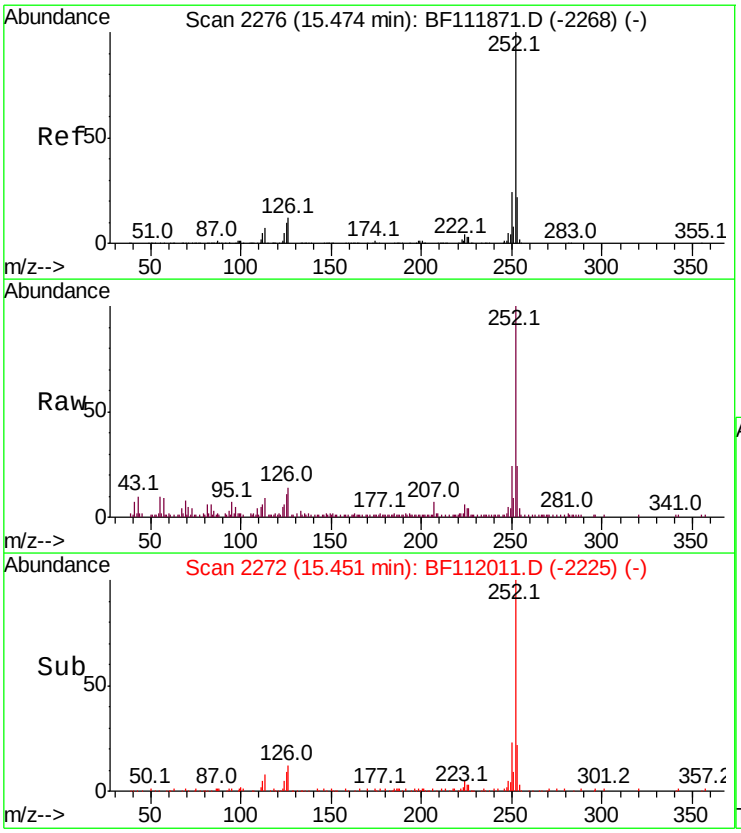
#89
Benzo(k)fluoranthene
Concen: 7.681 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.05 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 142807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.9	7.0	10.4#

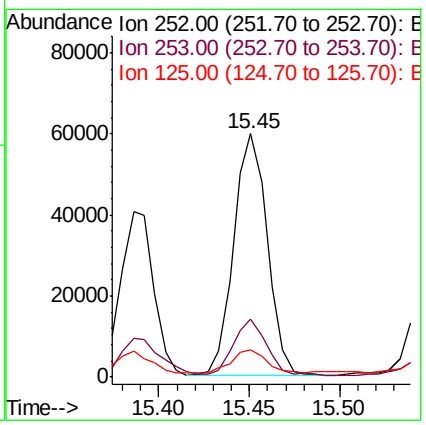


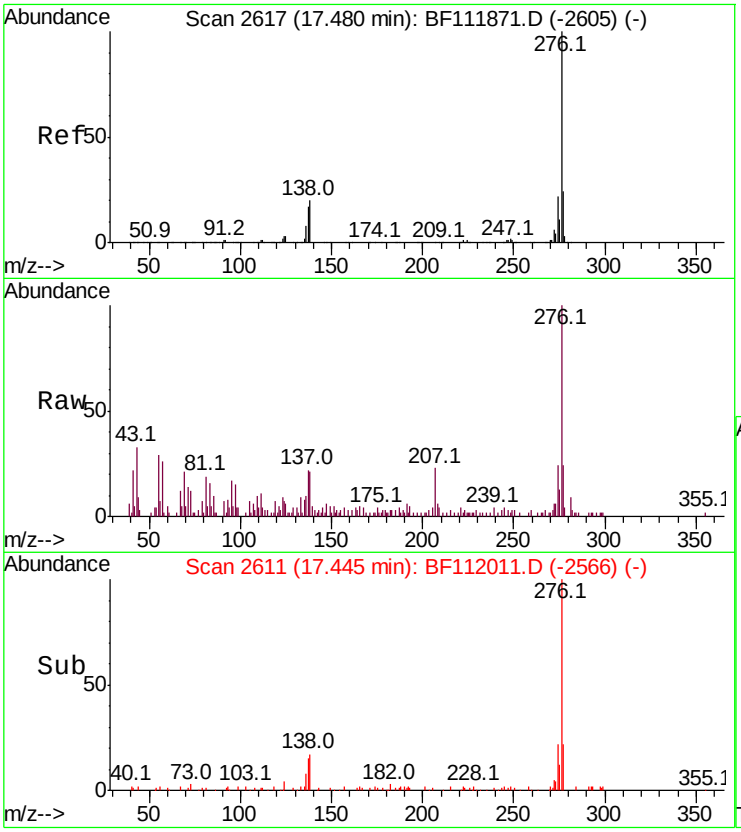


#90
Benzo(a)pyrene
Concen: 4.415 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion:252 Resp: 76792

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	11.3	7.9	11.9





#92
Benzo(g,h,i)perylene
Concen: 2.918 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.04 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39929

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.8	16.2	24.2