Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111550.D
Acq On : 17 Dec 2018 20:26
Operator : JU/SJ
Sample : J6403-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-B

Quant Time: Dec 18 04:11:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185496	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	754791	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	350199	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	592801	20.00	ng		-0.01
76) Chrysene-d12	13.94	240	382375	20.00	ng		0.00
87) Perylene-d12	15.38	264	375416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	730833	65.56	ng		0.00
7) Phenol-d6	6.44	99	1429035	96.38	ng		0.00
23) Nitrobenzene-d5	7.35	82	849960	67.06	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	263421	83.97	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	1337081	58.98	ng		-0.01
79) Terphenyl-d14	12.89	244	947108	58.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	85900	5.200	ng		84
19) n-Nitroso-di-n-propylamine	7.35	70	109707	11.215	ng	#	77
25) Isophorone	7.35	82	849953	39.631	ng	#	64
50) Dimethylphthalate	9.54	163	136202	5.400	ng		98
51) 2,6-Dinitrotoluene	9.82	165	43843	7.723	ng	#	29
57) 2,4-Dinitrotoluene	9.82	165	43844	5.884	ng	#	24
67) 4-Bromophenyl-phenylether	10.61	248	16557	2.591	ng	#	1
71) Phenanthrene	11.33	178	65146	2.133	ng		95
75) Fluoranthene	12.52	202	111285	3.724	ng		97
78) Pyrene	12.74	202	109502	4.062	ng		94
81) Benzo(a)anthracene	13.93	228	45740	2.200	ng		98
83) Chrysene	13.97	228	47661	2.176	ng		93
84) Bis(2-ethylhexyl)phthalate	13.93	149	296060	17.640	ng		99
88) Benzo(b)fluoranthene	14.97	252	80963	3.699	ng	#	93
89) Benzo(k)fluoranthene	14.97	252	80963	3.871	ng	#	92
90) Benzo(a)pyrene	15.32	252	44030	2.231	ng		95

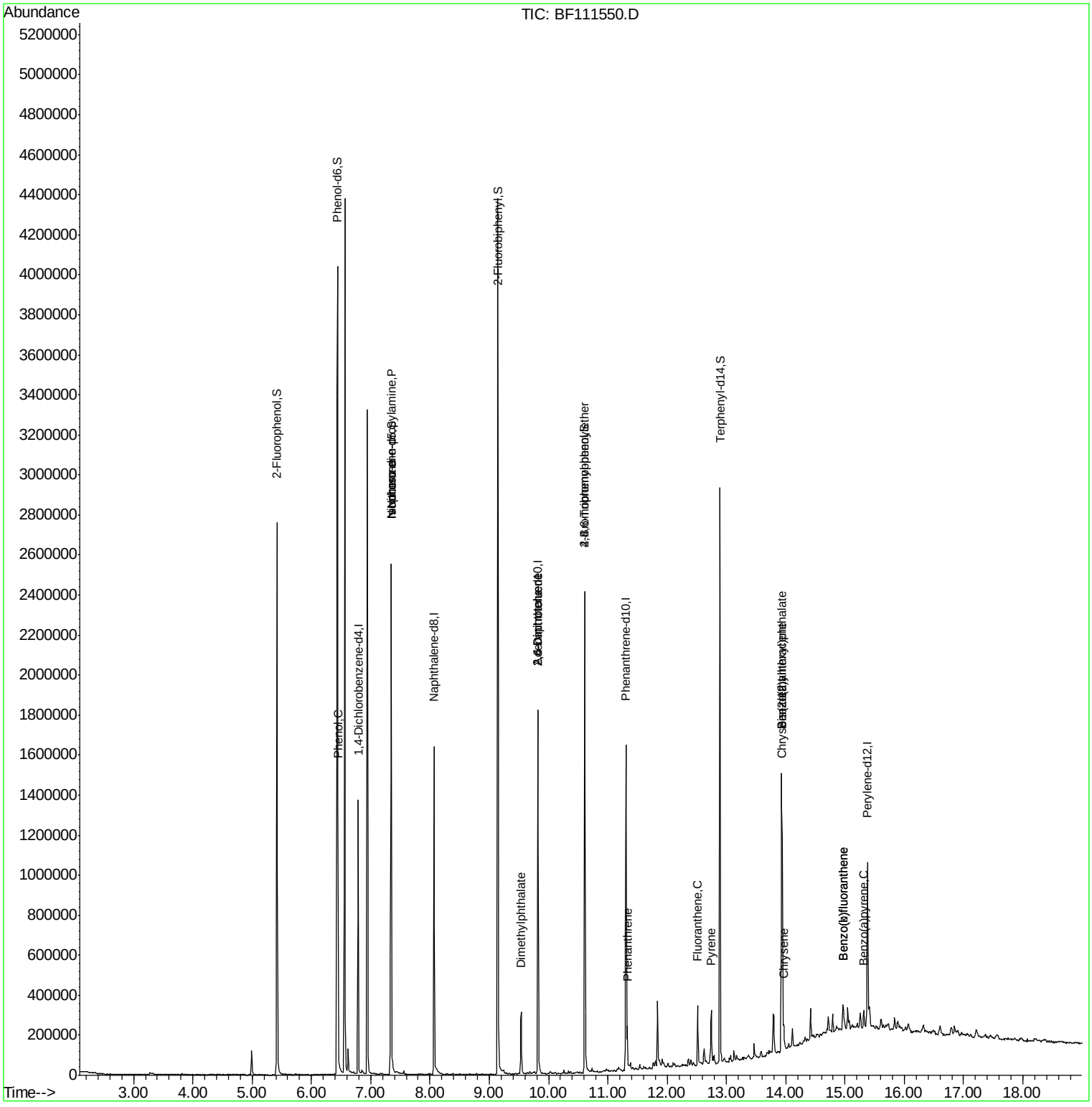
(#) = qualifier out of range (m) = manual integration (+) = signals summed

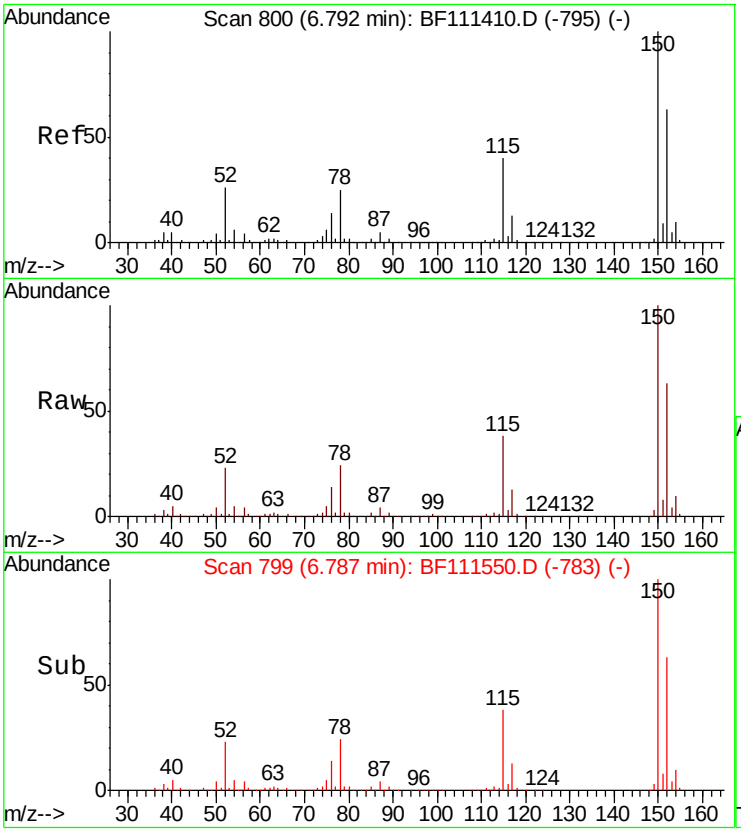
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111550.D
Acq On : 17 Dec 2018 20:26
Operator : JU/SJ
Sample : J6403-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Quant Time: Dec 18 04:11:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



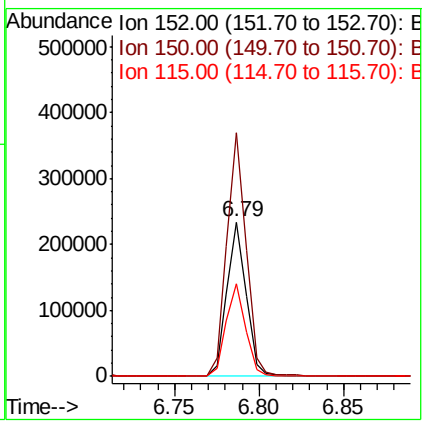


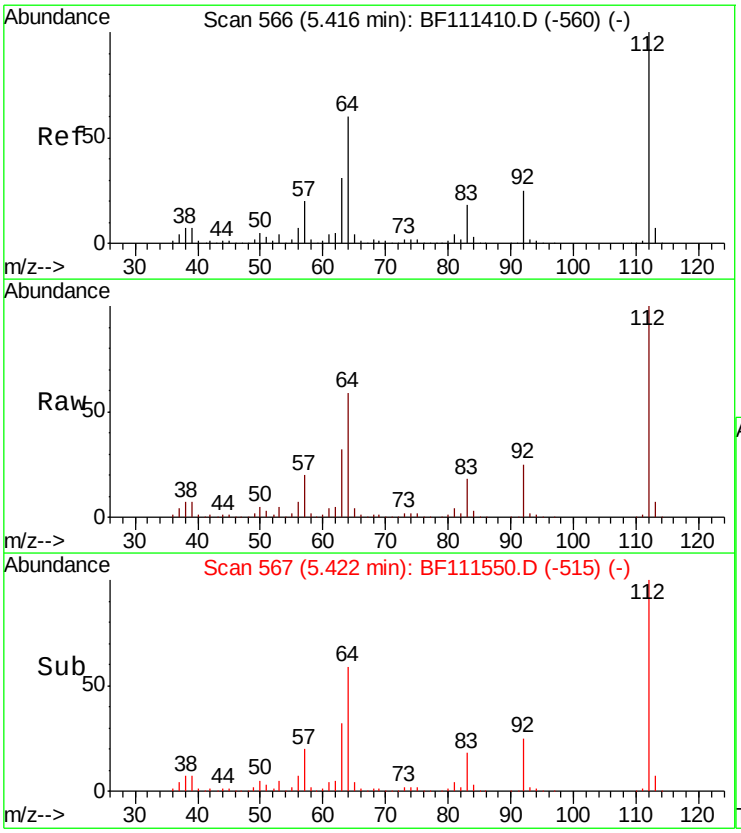
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:152 Resp: 185496

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	60.2	50.7	76.1

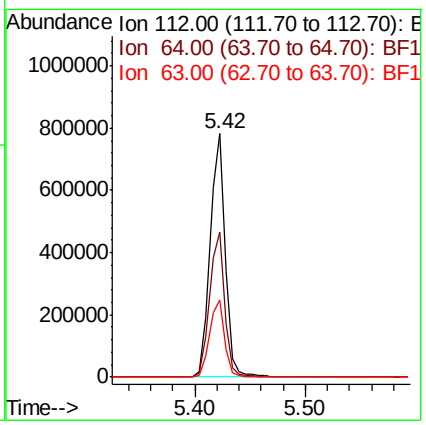


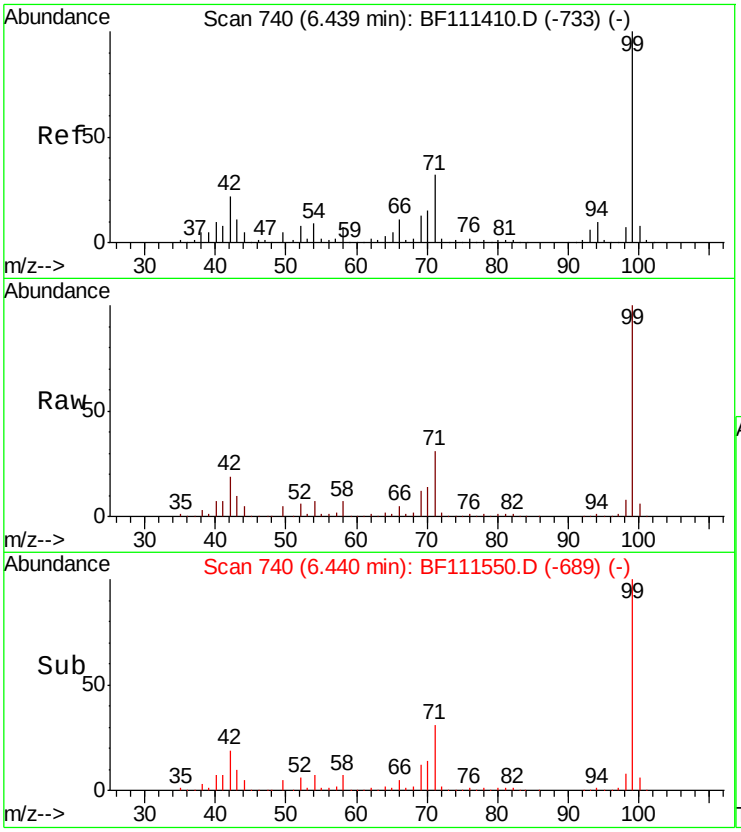


#5
2-Fluorophenol
Concen: 65.562 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:112 Resp: 730833

Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	31.9	26.8	40.2



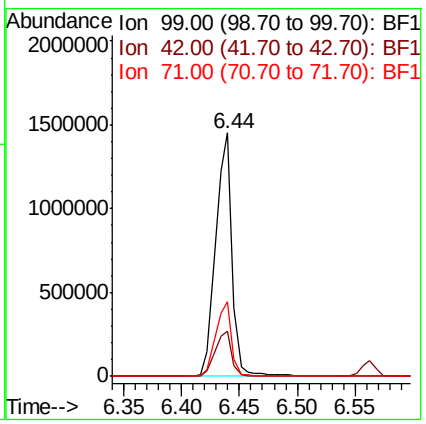


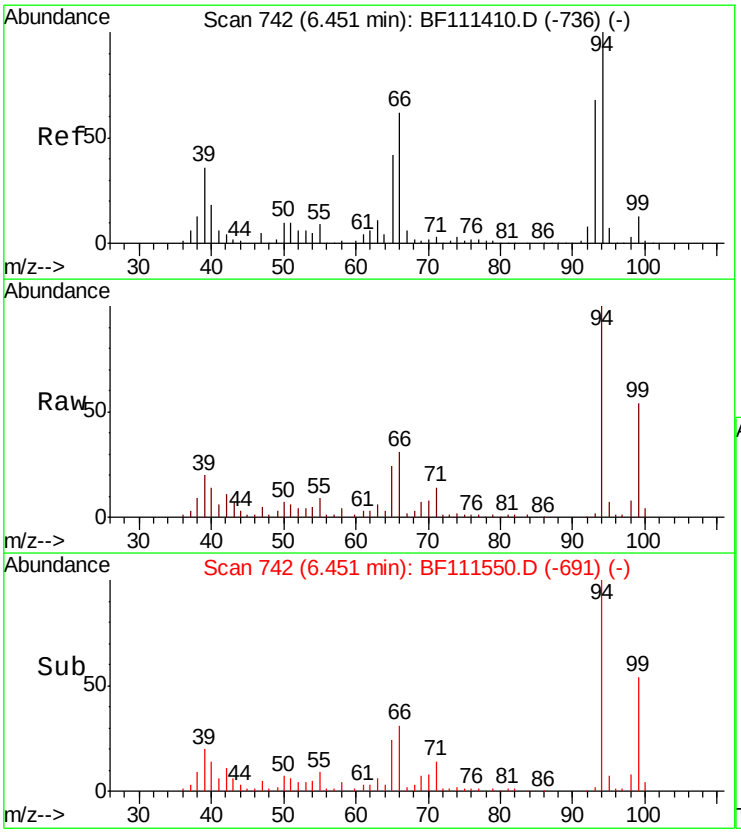
#7
Phenol-d6
Concen: 96.376 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion: 99 Resp: 1429035

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.4	26.0
71	30.5	26.1	39.1

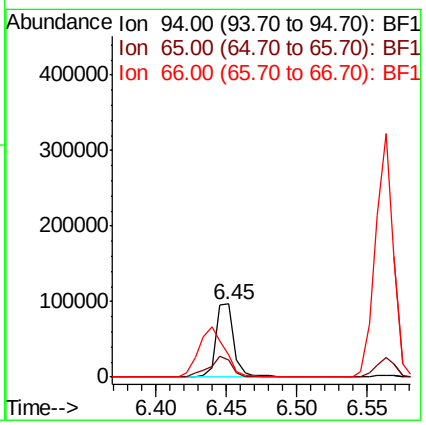


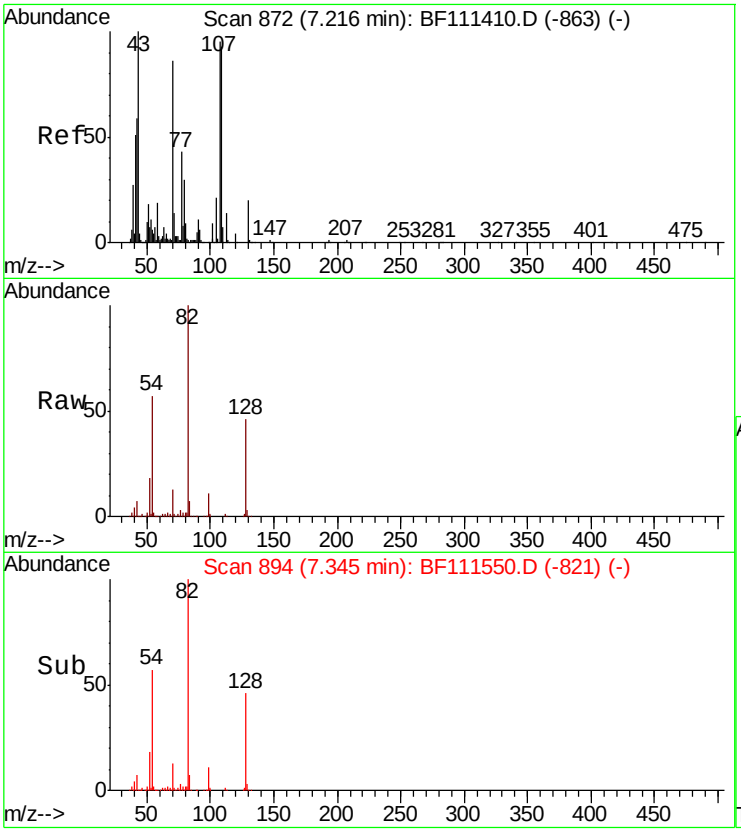


#10
Phenol
Concen: 5.200 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion: 94 Resp: 85900

Ion	Ratio	Lower	Upper
94	100		
65	23.6	11.7	51.7
66	30.7	21.0	61.0



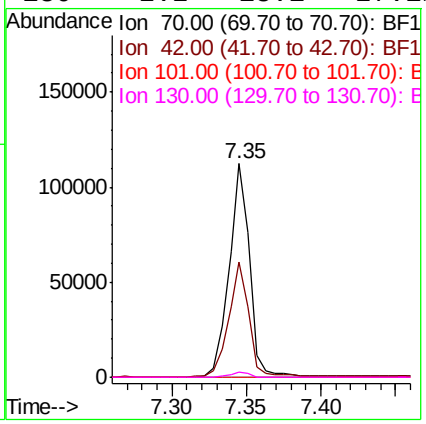


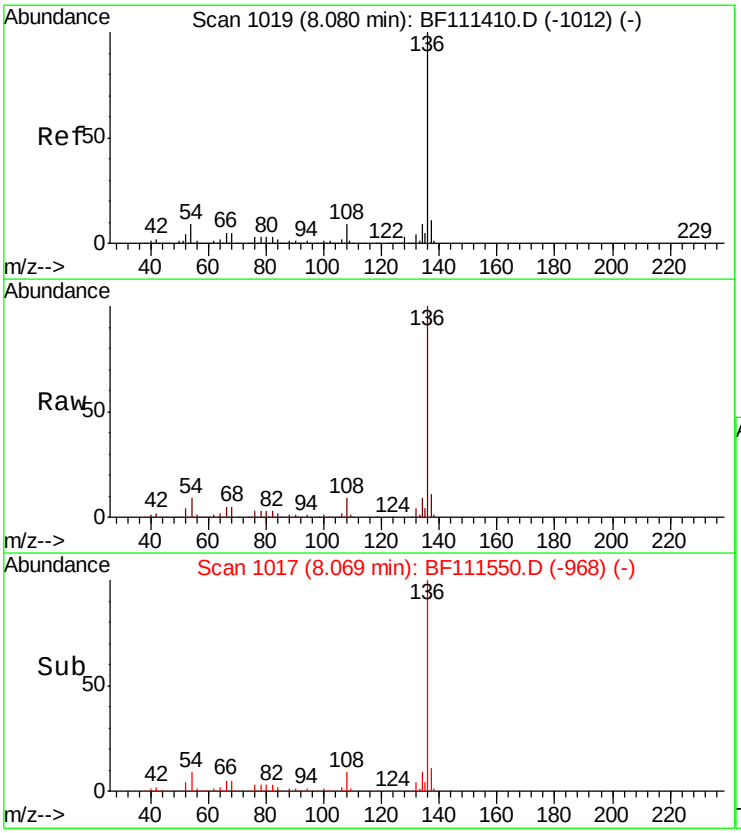
#19
n-Nitroso-di-n-propylamine
Concen: 11.215 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.13 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion: 70 Resp: 109707

Ion	Ratio	Lower	Upper
70	100		
42	53.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

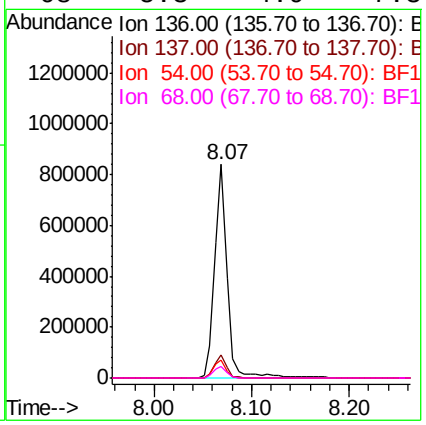


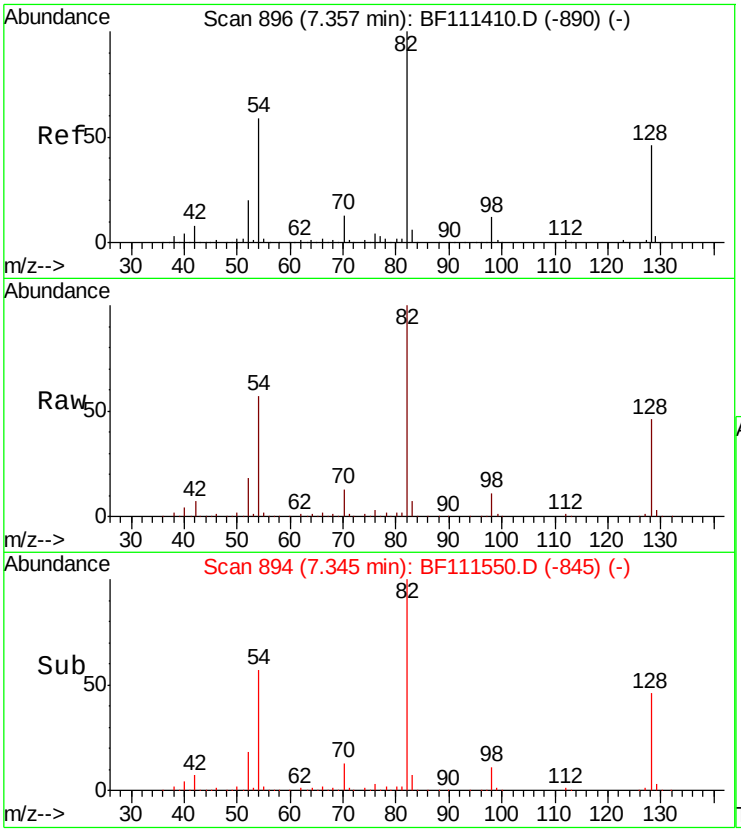


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:136 Resp: 754791

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.5	7.7	11.5
68	5.3	4.9	7.3



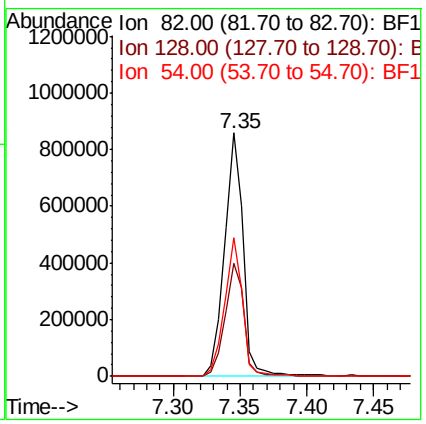


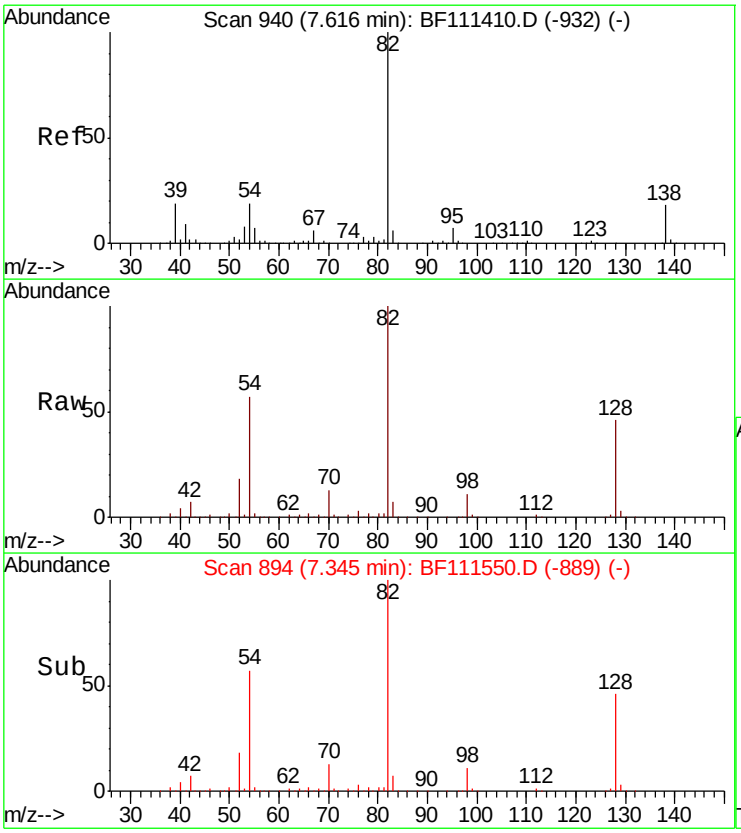
#23
Nitrobenzene-d5
Concen: 67.057 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion: 82 Resp: 849960

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.4	56.2
54	57.0	47.6	71.4

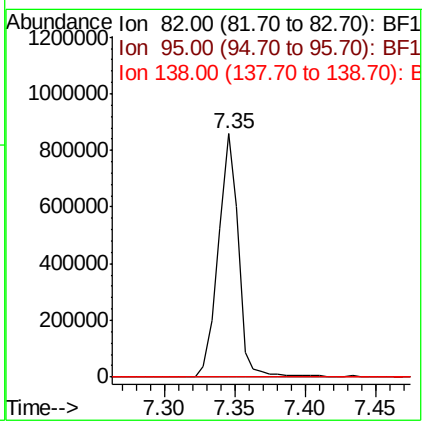


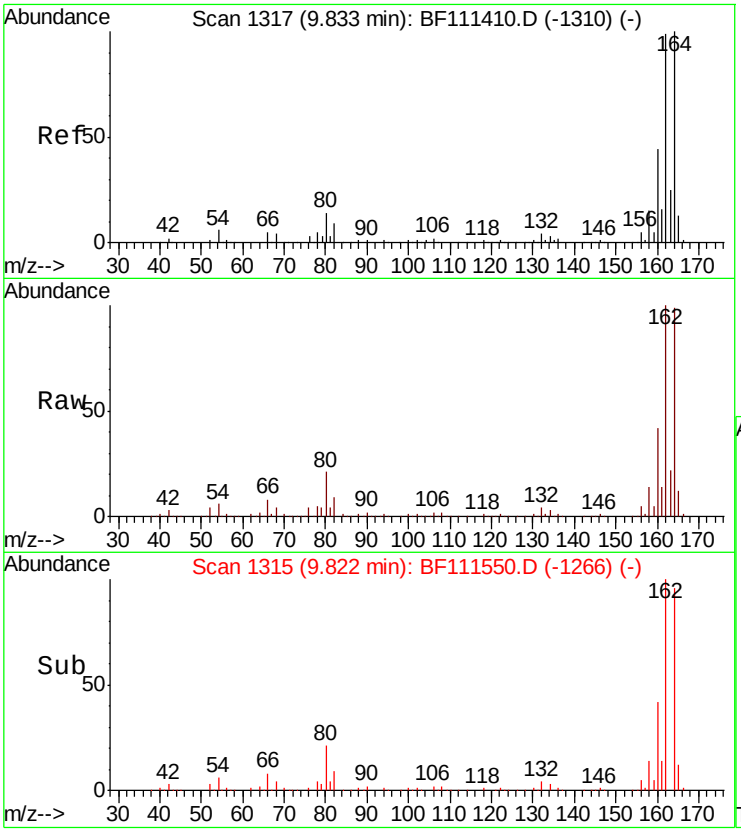


#25
Isophorone
Concen: 39.631 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion: 82 Resp: 849953

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



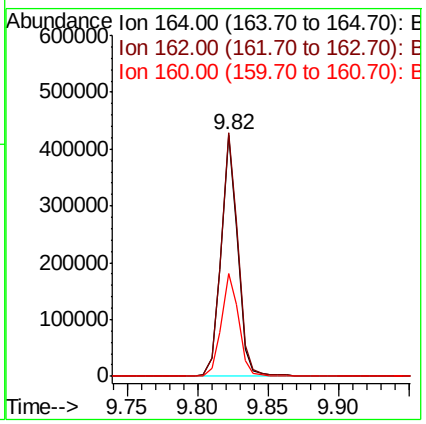


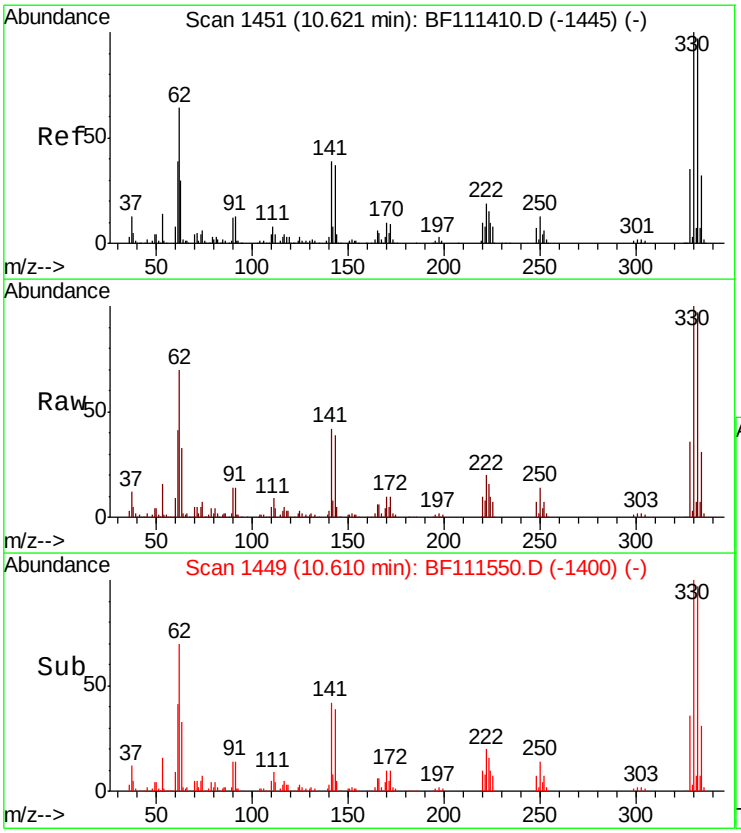
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:164 Resp: 350199

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	42.4	35.7	53.5

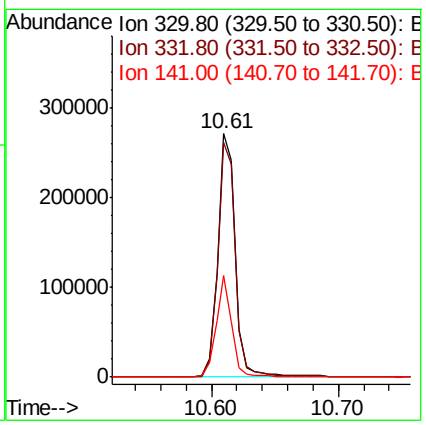


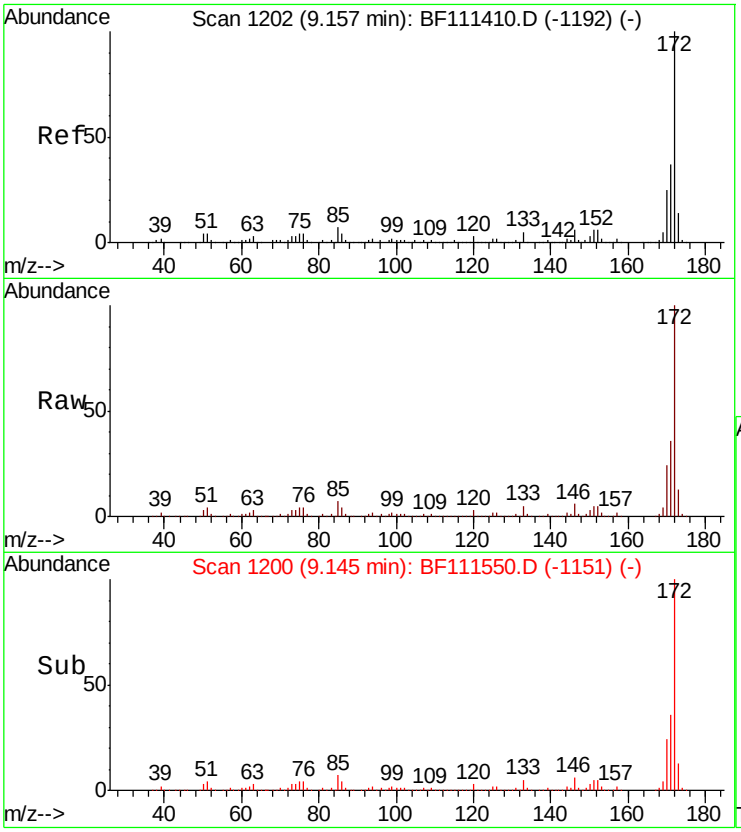


#42
2,4,6-Tribromophenol
Concen: 83.971 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:330 Resp: 263421

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	37.2	31.0	46.6

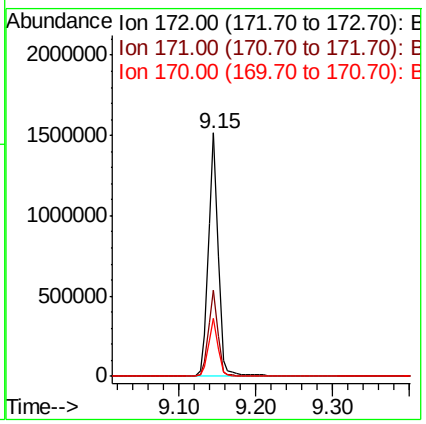




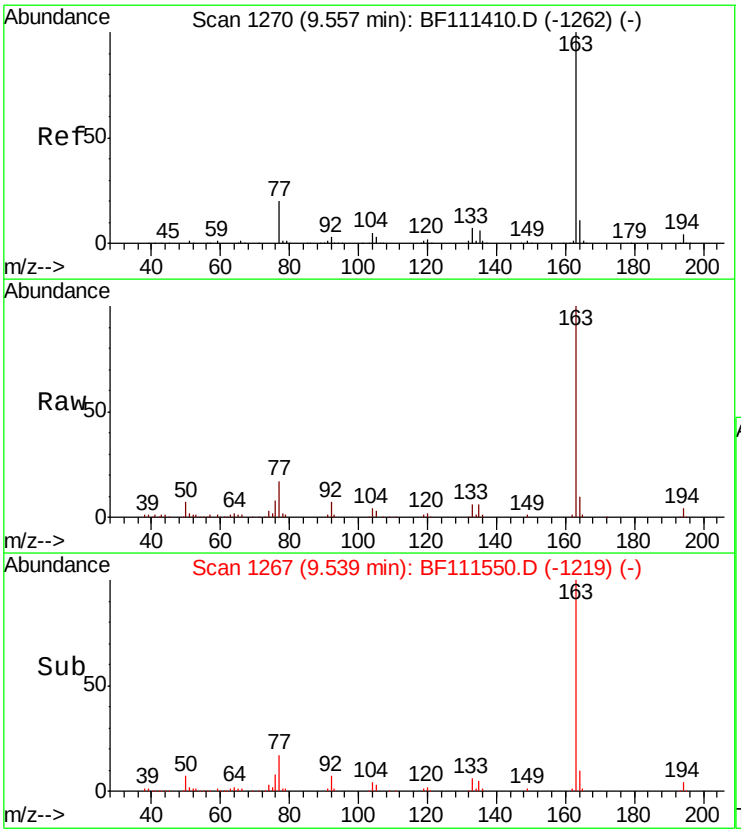
#45
2-Fluorobiphenyl
Concen: 58.975 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:172 Resp: 1337081

Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	23.8	22.3	33.5



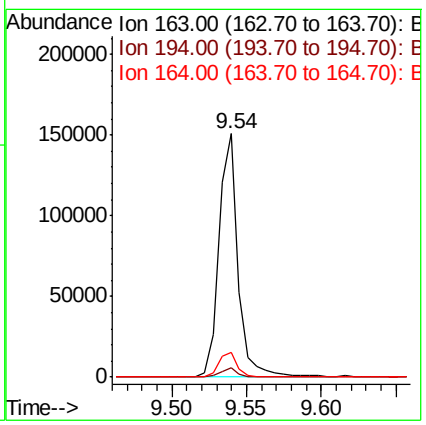
Instrument :
BNA_F
ClientSampleId :
TP-1-B

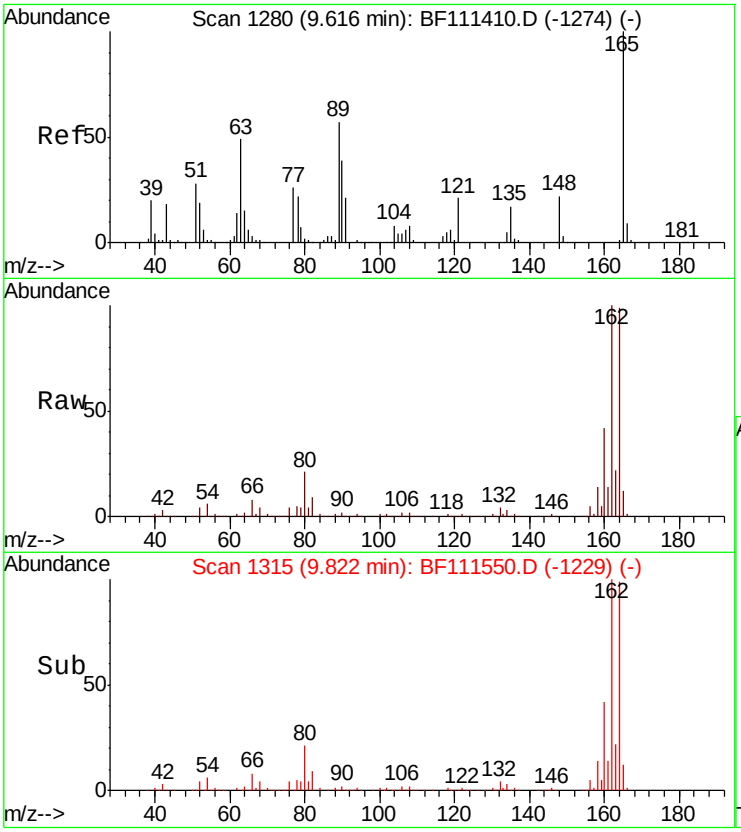


#50
Dimethylphthalate
Concen: 5.400 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:163 Resp: 136202

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	8.9	13.3



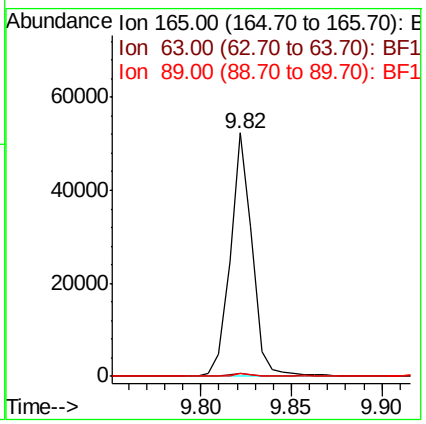


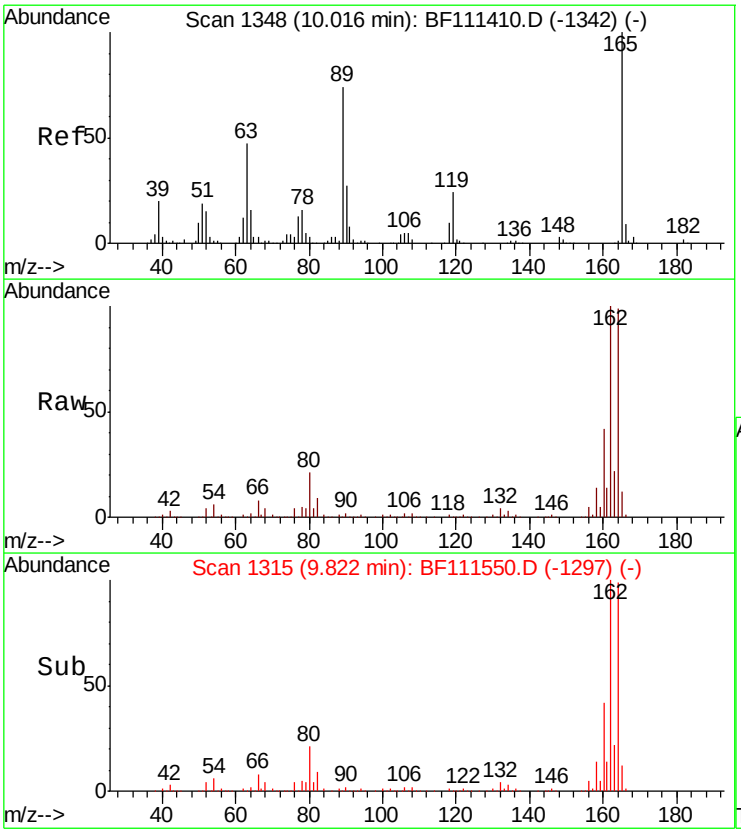
#51
2,6-Dinitrotoluene
Concen: 7.723 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:165 Resp: 43843

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.5	60.7#
89	1.0	40.0	60.0#

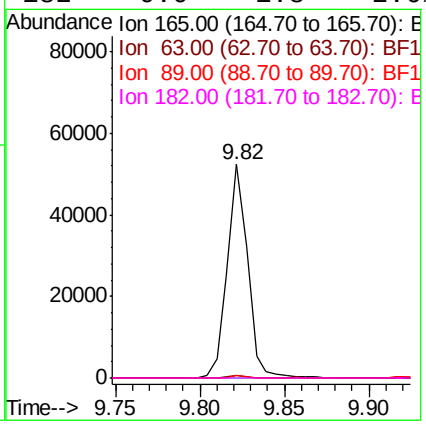


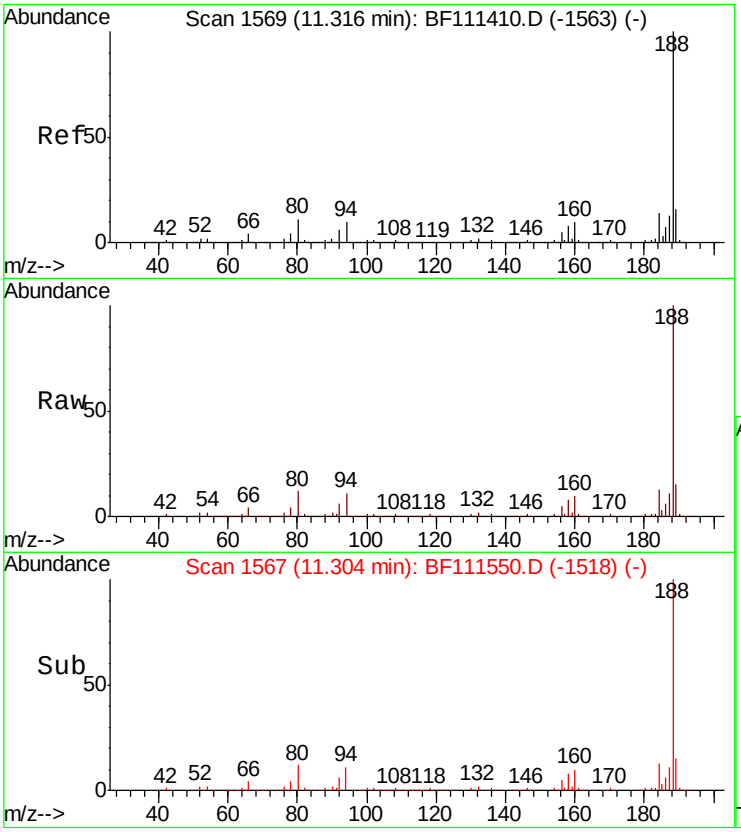


#57
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:165 Resp: 43844

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.0	56.2	84.4#
182	0.0	1.8	2.6#



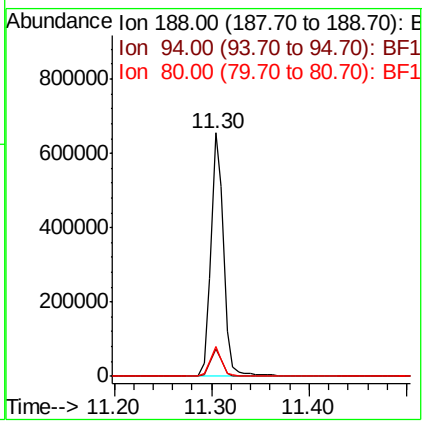


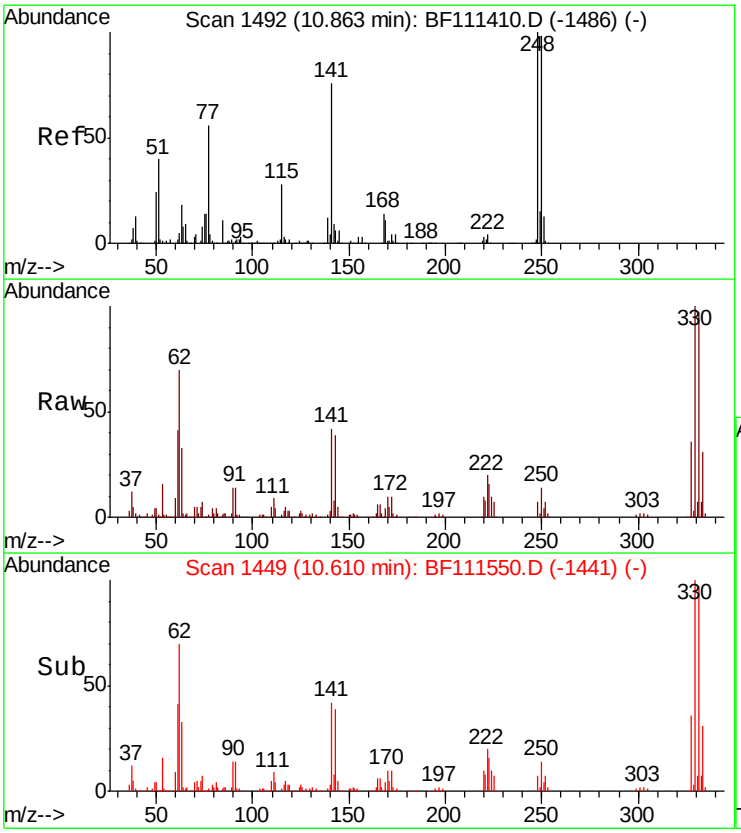
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:188 Resp: 592801

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.6	14.4
80	12.2	9.8	14.6

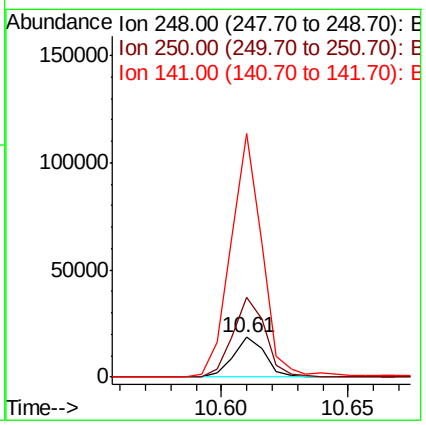


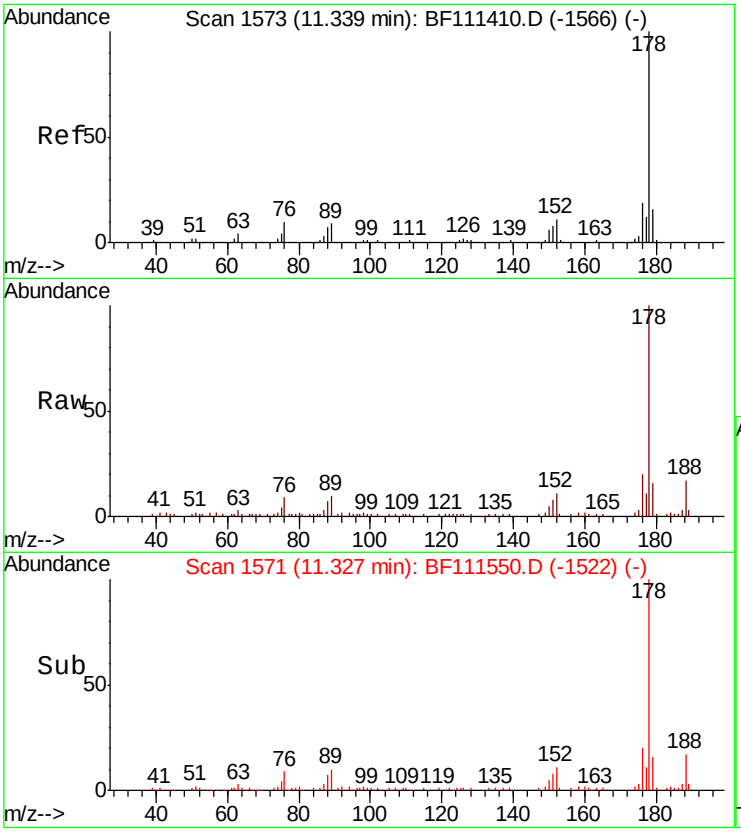


#67
4-Bromophenyl-phenylether
Concen: 2.591 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:248 Resp: 16557

Ion	Ratio	Lower	Upper
248	100		
250	198.6	77.0	115.4#
141	607.7	63.0	94.6#



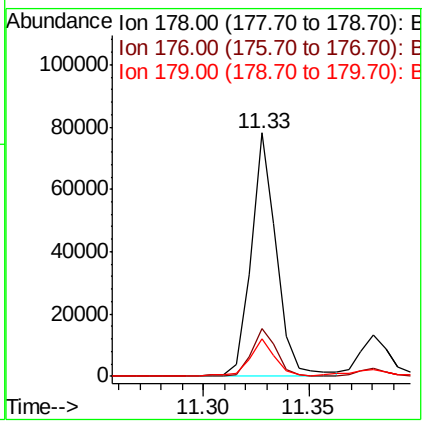


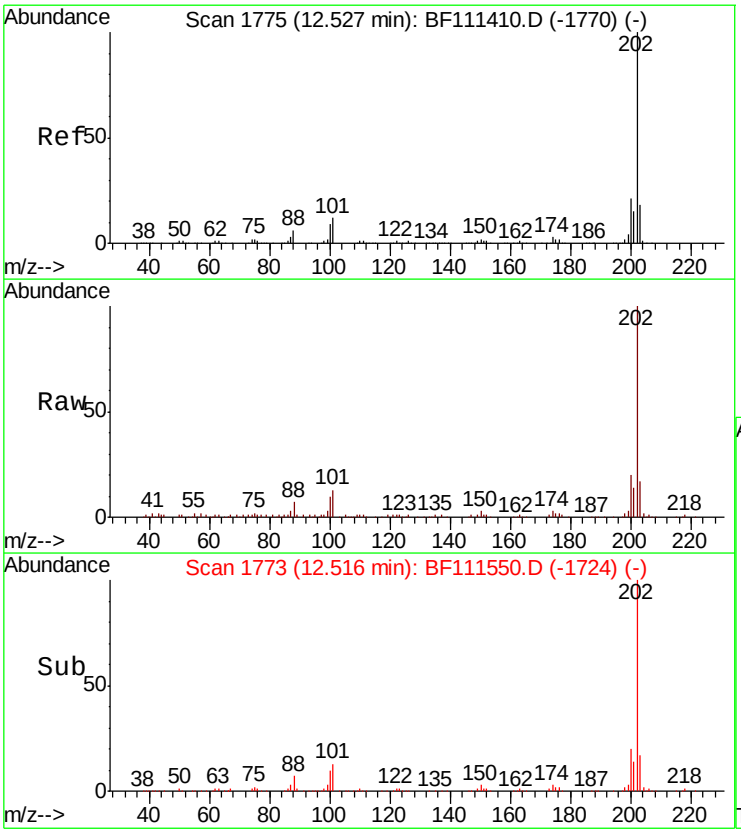
#71
Phenanthrene
Concen: 2.133 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:178 Resp: 65146

Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.1	27.1
179	15.5	14.0	21.0

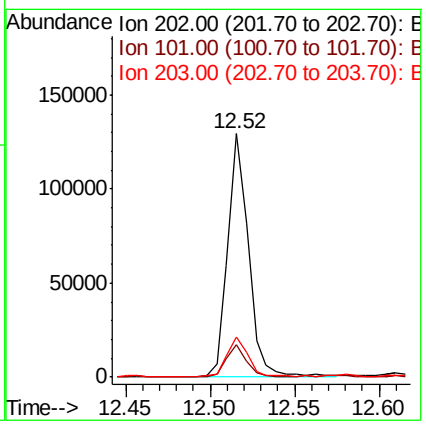


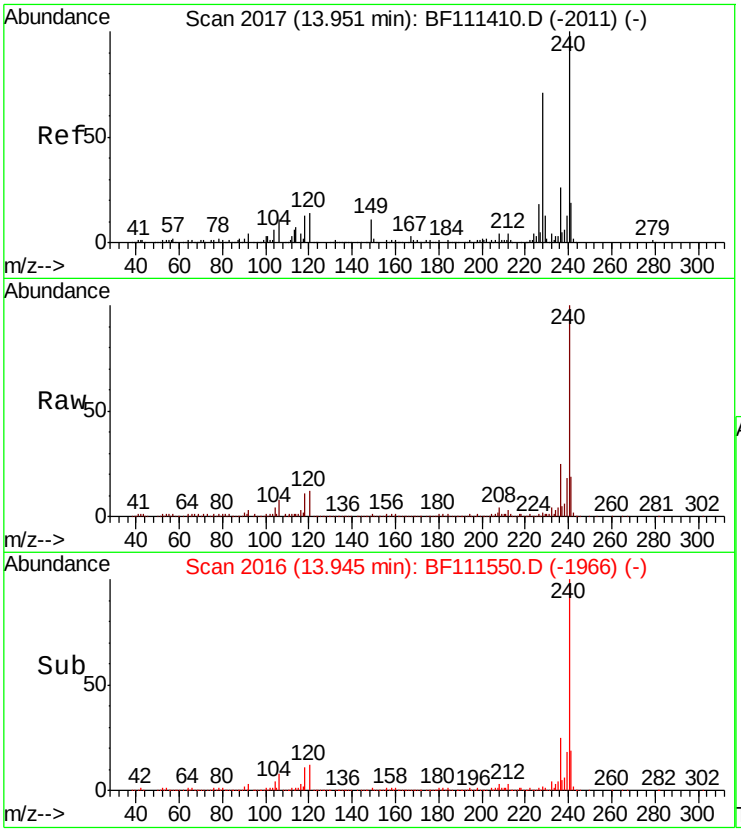


#75
Fluoranthene
Concen: 3.724 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:202 Resp: 111285

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.8
203	16.6	0.0	38.6



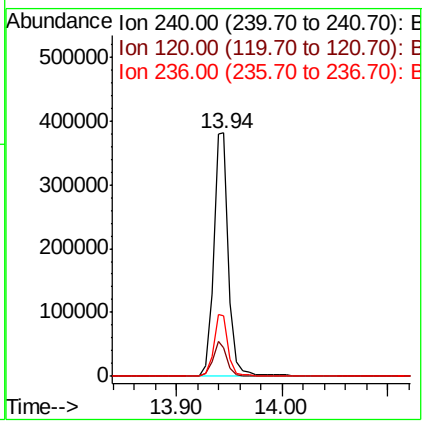


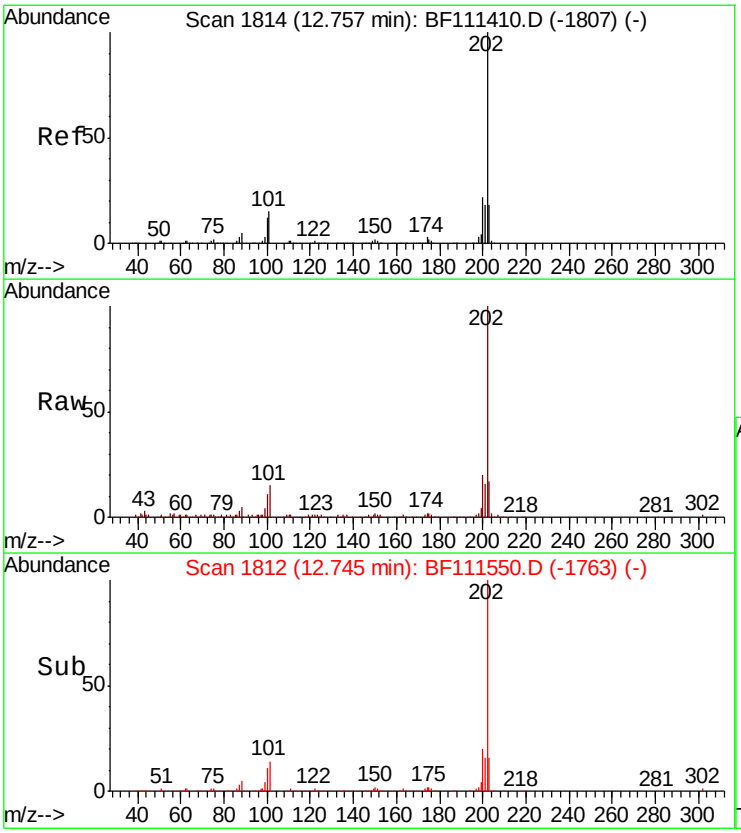
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:240 Resp: 382375

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.2	18.2#
236	25.0	20.2	30.2

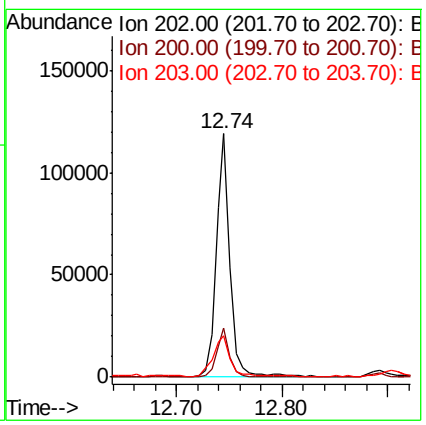


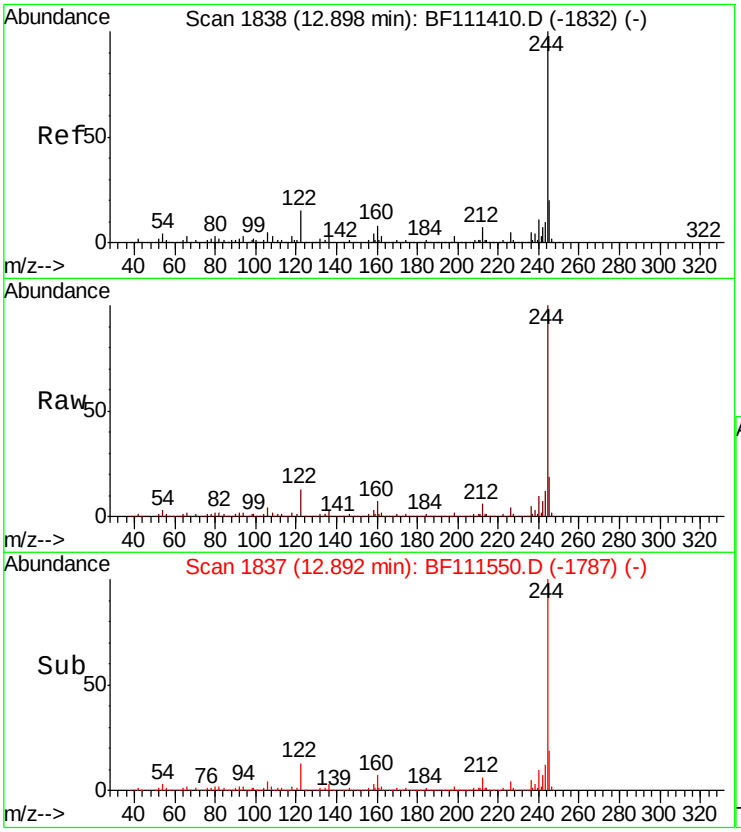


#78
Pyrene
Concen: 4.062 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:202 Resp: 109502

Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	16.9	15.2	22.8



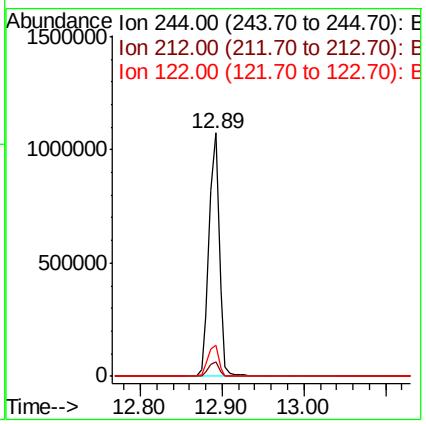


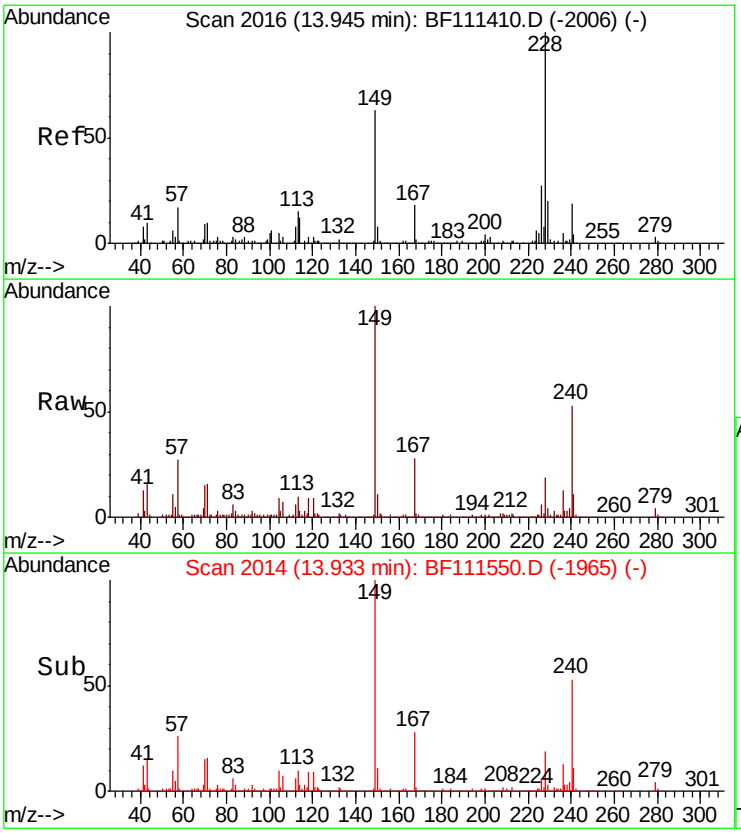
#79
Terphenyl-d14
Concen: 58.164 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:244 Resp: 947108

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	13.0	13.1	19.7#

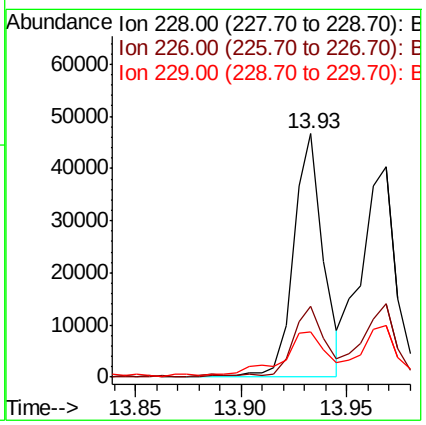


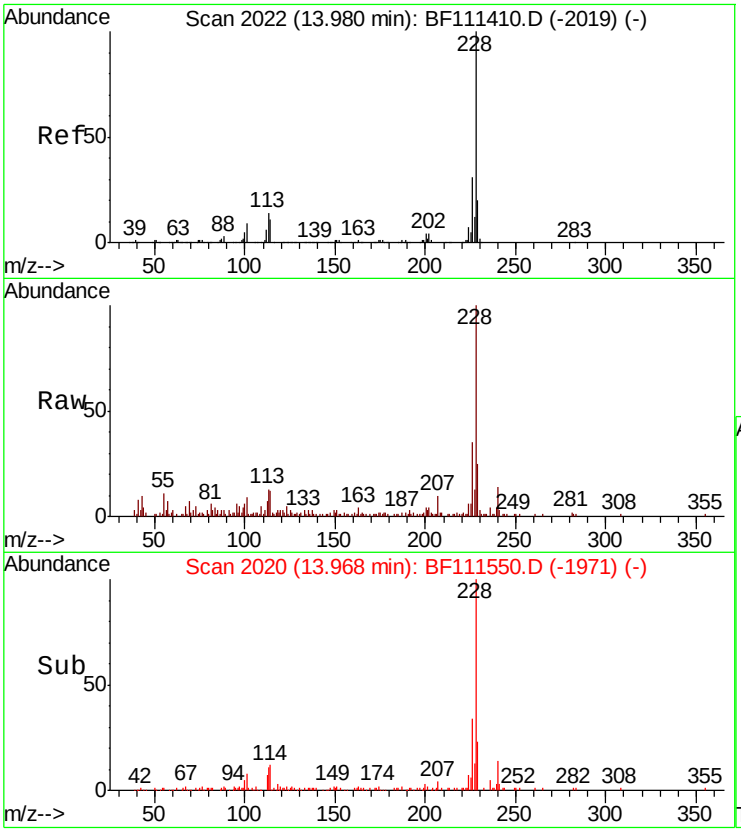


#81
Benzo(a)anthracene
Concen: 2.200 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:228 Resp: 45740

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	18.6	16.3	24.5



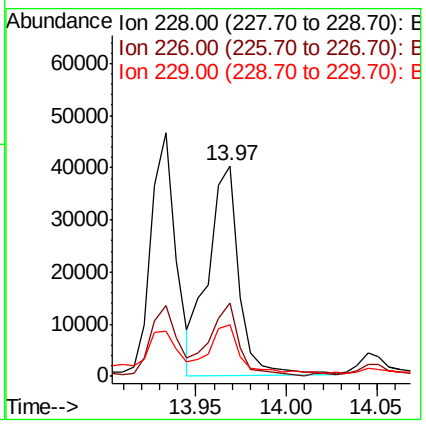


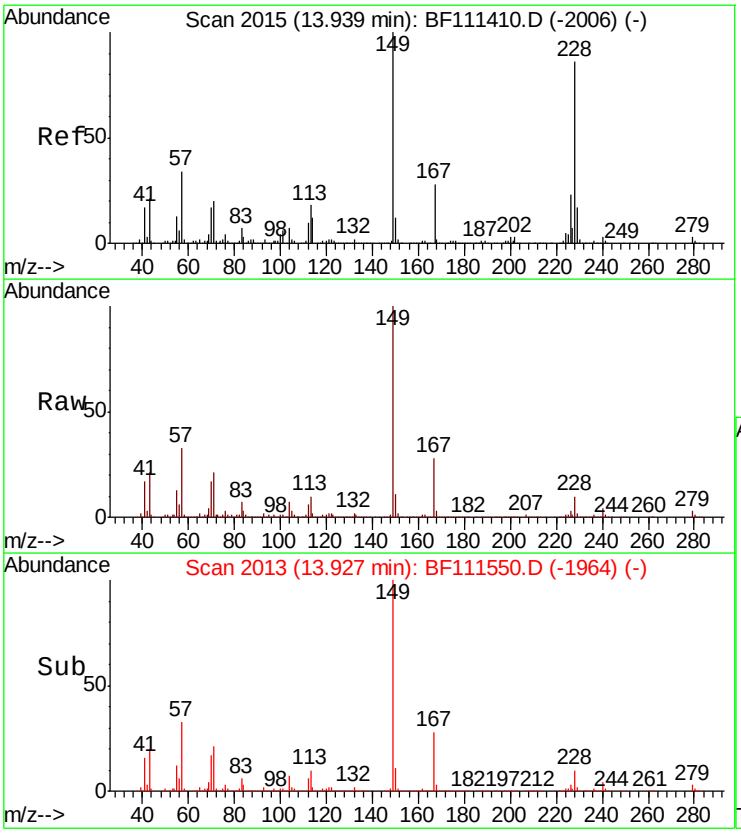
#83
Chrysene
Concen: 2.176 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:228 Resp: 47661

Ion	Ratio	Lower	Upper
228	100		
226	35.2	25.3	37.9
229	24.7	17.2	25.8

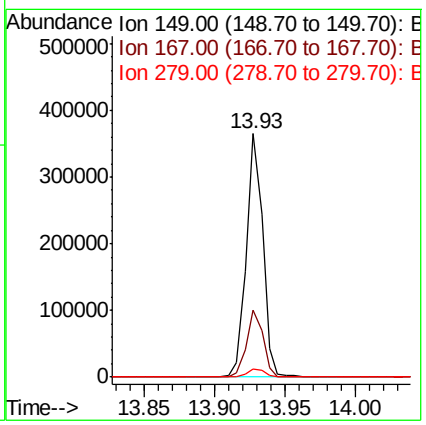


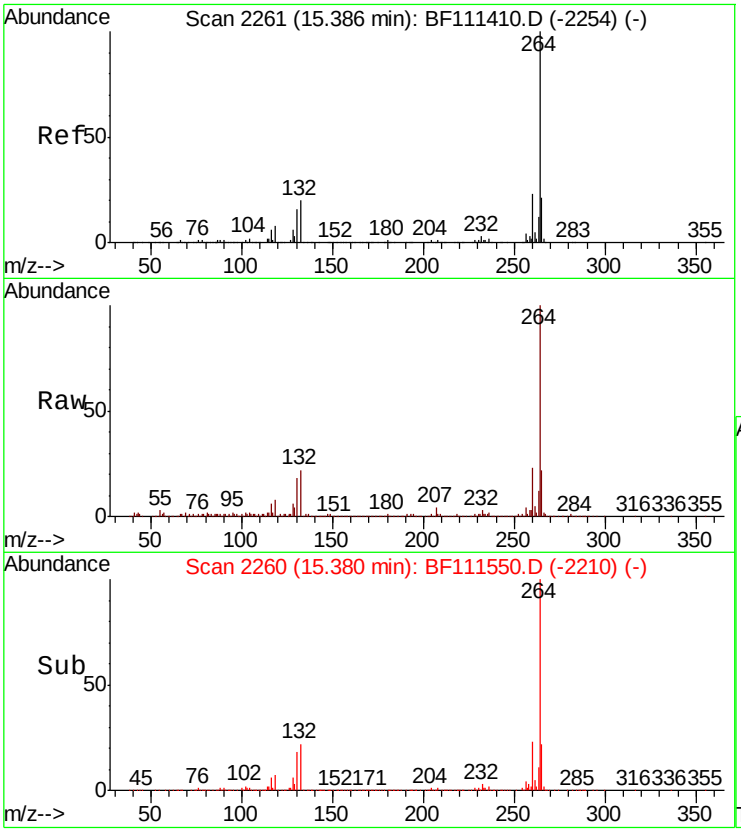


#84
Bis(2-ethylhexyl)phthalate
Concen: 17.640 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:149 Resp: 296060

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	3.2	2.6	4.0



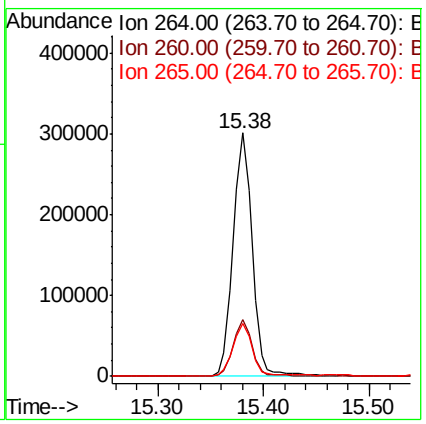


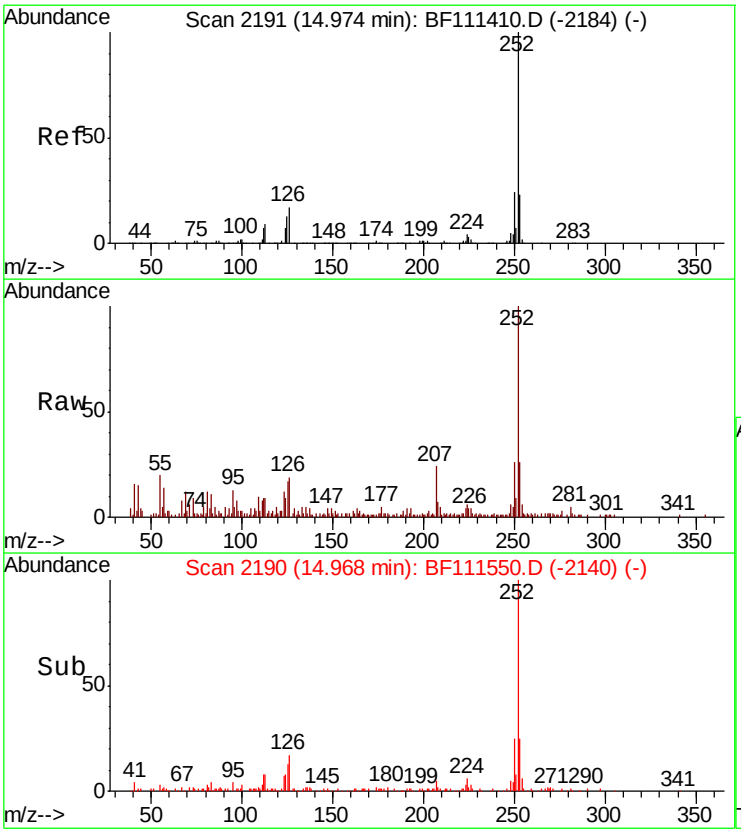
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:264 Resp: 375416

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.8	17.7	26.5

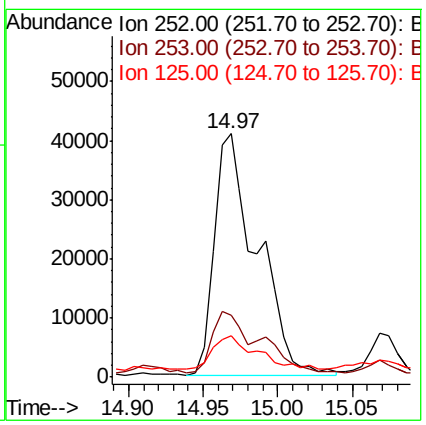


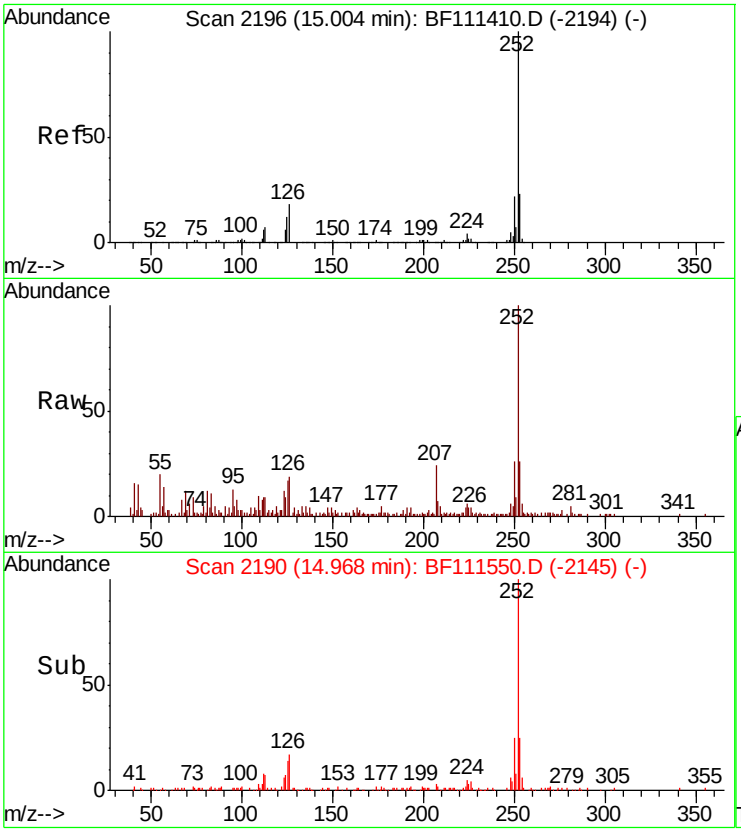


#88
Benzo(b)fluoranthene
Concen: 3.699 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:252 Resp: 80963

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	17.0	10.4	15.6#



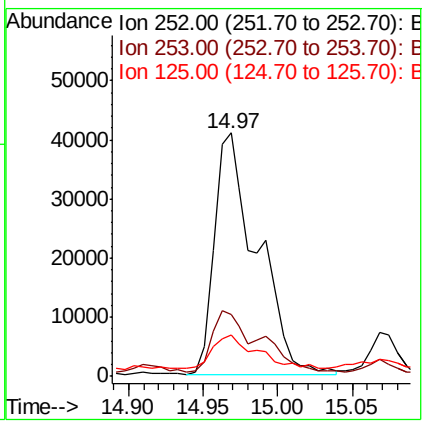


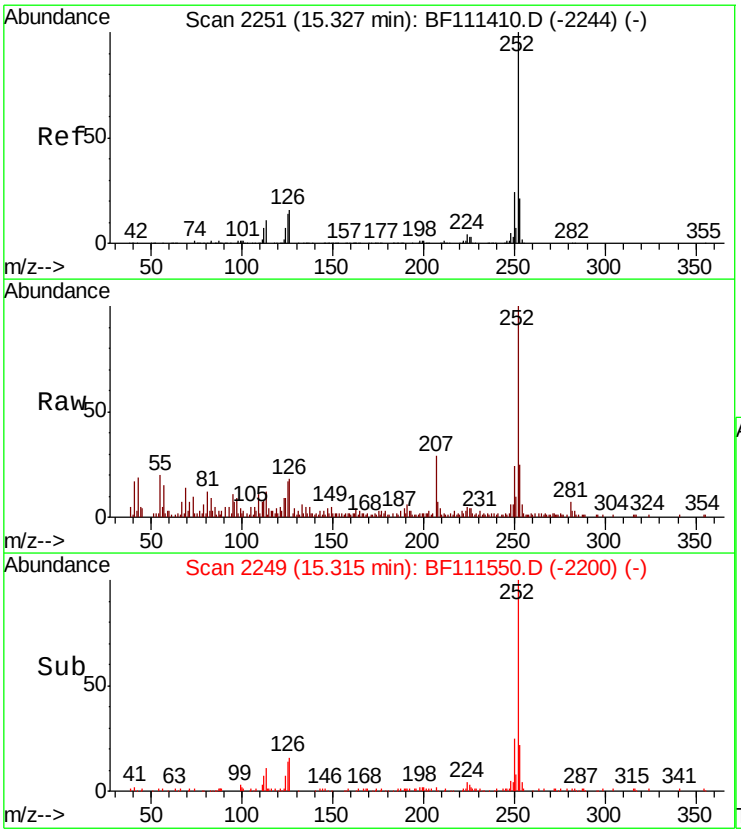
#89
Benzo(k)fluoranthene
Concen: 3.871 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Instrument :
BNA_F
ClientSampleId :
TP-1-B

Tgt Ion:252 Resp: 80963

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	17.0	9.8	14.8#





#90
Benzo(a)pyrene
Concen: 2.231 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111550.D
Acq: 17 Dec 2018 20:26

Tgt Ion:252 Resp: 44030

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	17.1	12.3	18.5