Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111305.D
Acq On : 12 Dec 2018 4:43
Operator : JU/SJ
Sample : J6148-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-MH-F

Quant Time: Dec 12 06:42:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	270606	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1047252	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	429976	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	635392	20.00	ng		0.00
76) Chrysene-d12	13.96	240	558836	20.00	ng		0.00
87) Perylene-d12	15.40	264	405128	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	803152	46.87	ng		0.00
7) Phenol-d6	6.43	99	1016878	47.75	ng		0.00
23) Nitrobenzene-d5	7.35	82	585321	31.35	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	158444	41.60	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	956262	30.74	ng		-0.01
79) Terphenyl-d14	12.90	244	661919	28.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	2431	Below Cal		#	81
10) Phenol	6.44	94	72246	2.901	ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	76454	5.359	ng	#	83
25) Isophorone	7.35	82	575471	18.096	ng	#	64
46) 1,1'-Biphenyl	9.25	154	9090	Below Cal			91
49) Acenaphthylene	9.69	152	171622	4.202	ng		93
51) 2,6-Dinitrotoluene	9.83	165	57810	8.251	ng	#	30
71) Phenanthrene	11.34	178	414249	12.926	ng		94
72) Anthracene	11.39	178	157209	4.689	ng		96
75) Fluoranthene	12.53	202	760882	25.990	ng		99
78) Pyrene	12.76	202	1042394	26.102	ng		96
80) Butylbenzylphthalate	13.39	149	1154626	55.355	ng		93
81) Benzo(a)anthracene	13.95	228	546594	17.532	ng		94
83) Chrysene	13.98	228	508625	15.825	ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	58333	2.353	ng		96
86) Indeno(1,2,3-cd)pyrene	16.80	276	182508	7.034	ng		91
88) Benzo(b)fluoranthene	14.98	252	611892	27.311	ng		96
89) Benzo(k)fluoranthene	14.98	252	611892	29.049	ng	#	95
90) Benzo(a)pyrene	15.33	252	346254	16.783	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	47142	2.909	ng	#	87
92) Benzo(g,h,i)perylene	17.23	276	202180	12.463	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
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Acq On : 12 Dec 2018 4:43
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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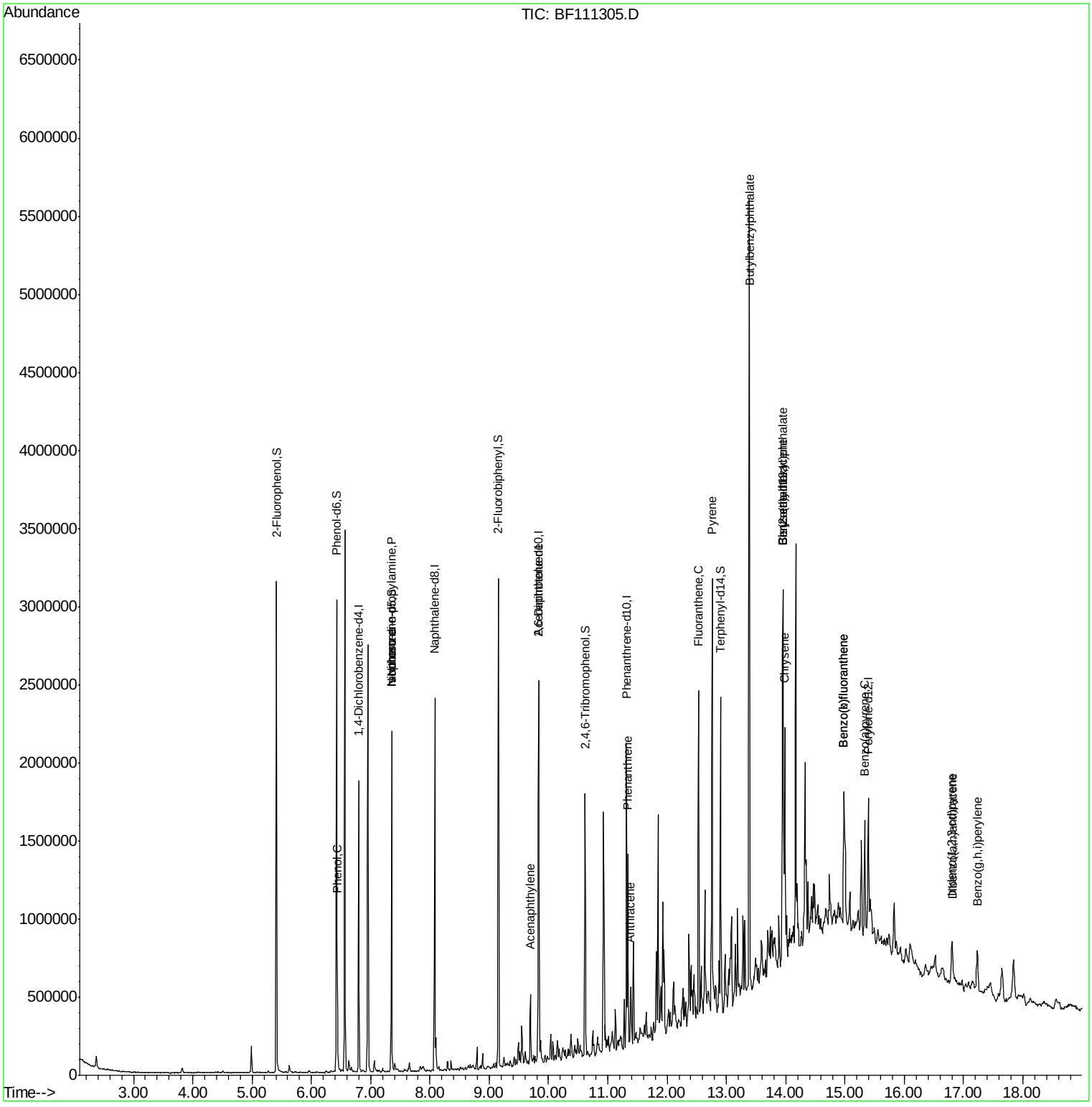
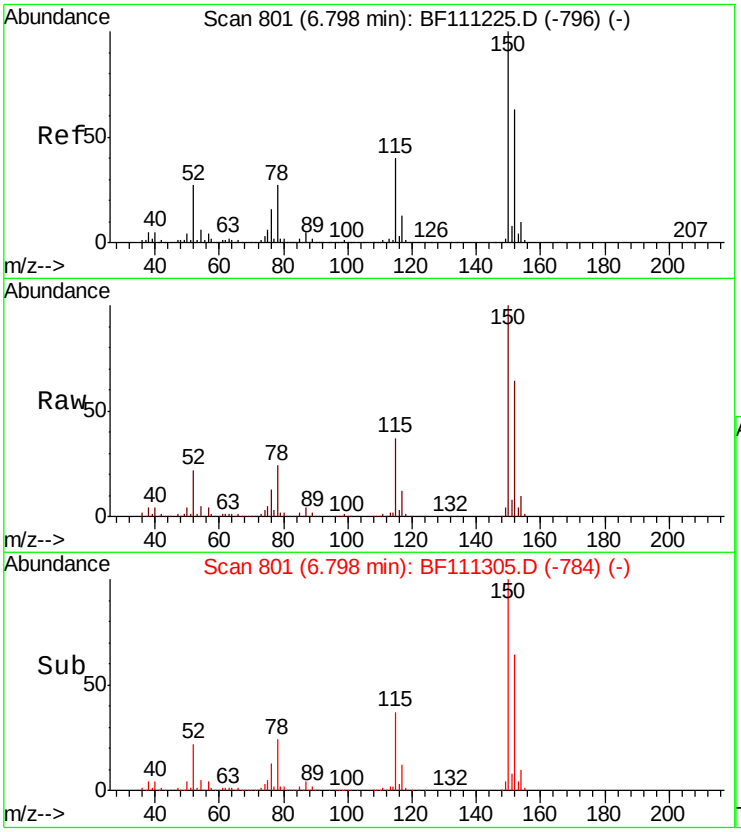
Quant Time: Dec 12 06:42:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



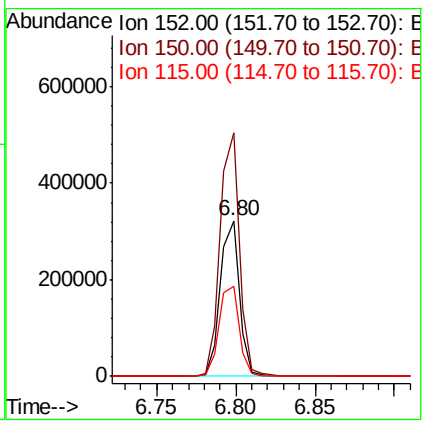


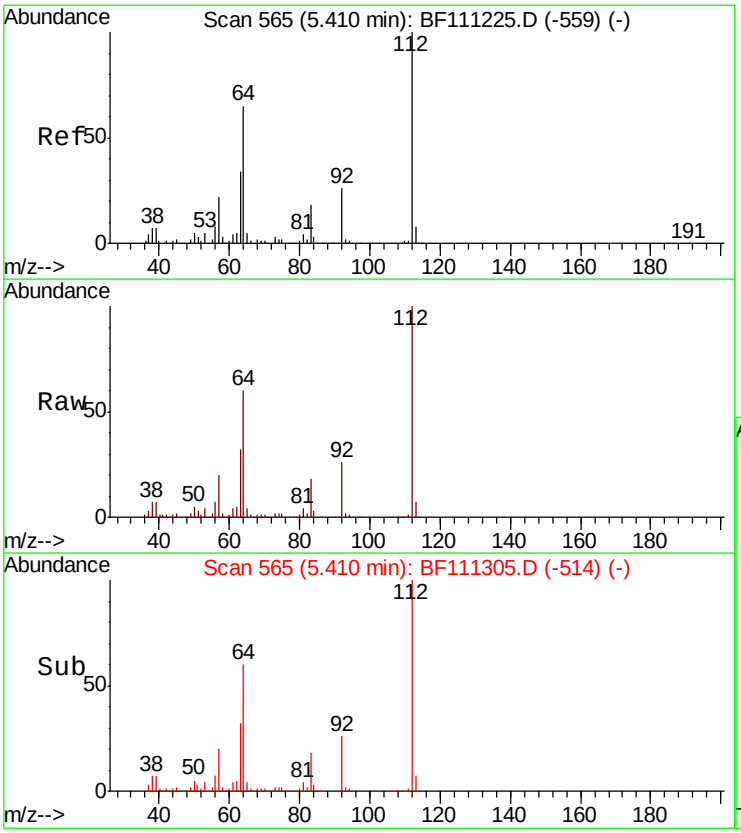
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:152 Resp: 270606

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	58.1	50.7	76.1

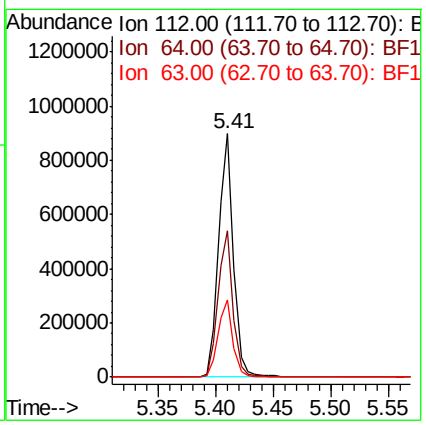


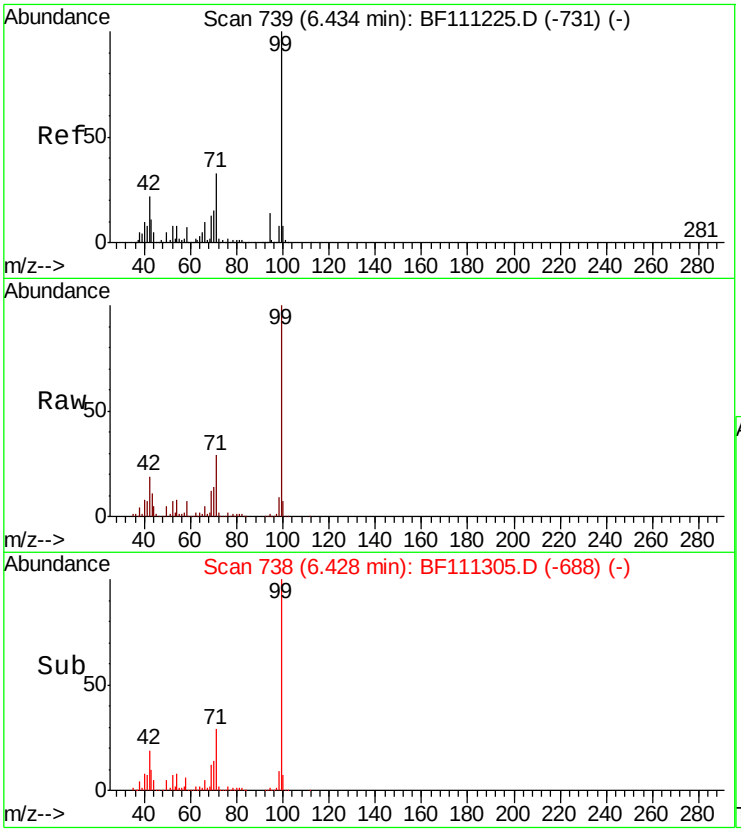


#5
2-Fluorophenol
Concen: 46.866 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:112 Resp: 803152

Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	31.6	26.8	40.2



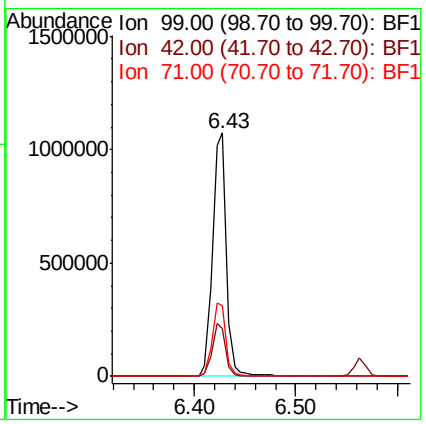


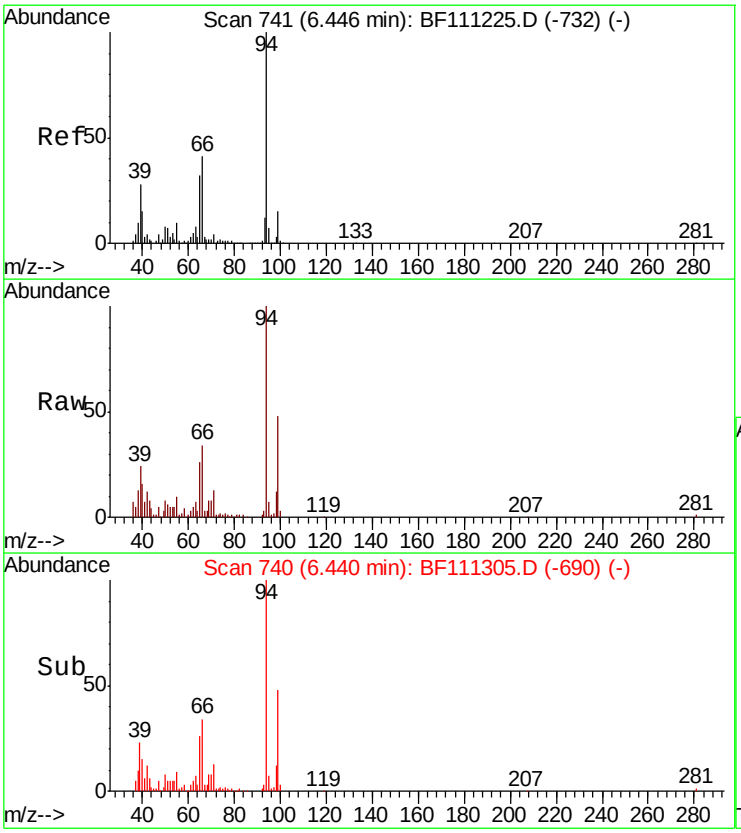
#7
Phenol-d6
Concen: 47.747 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion: 99 Resp: 1016878

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.4	26.0
71	29.3	26.1	39.1

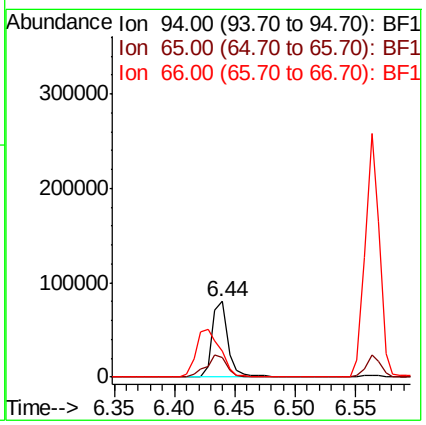


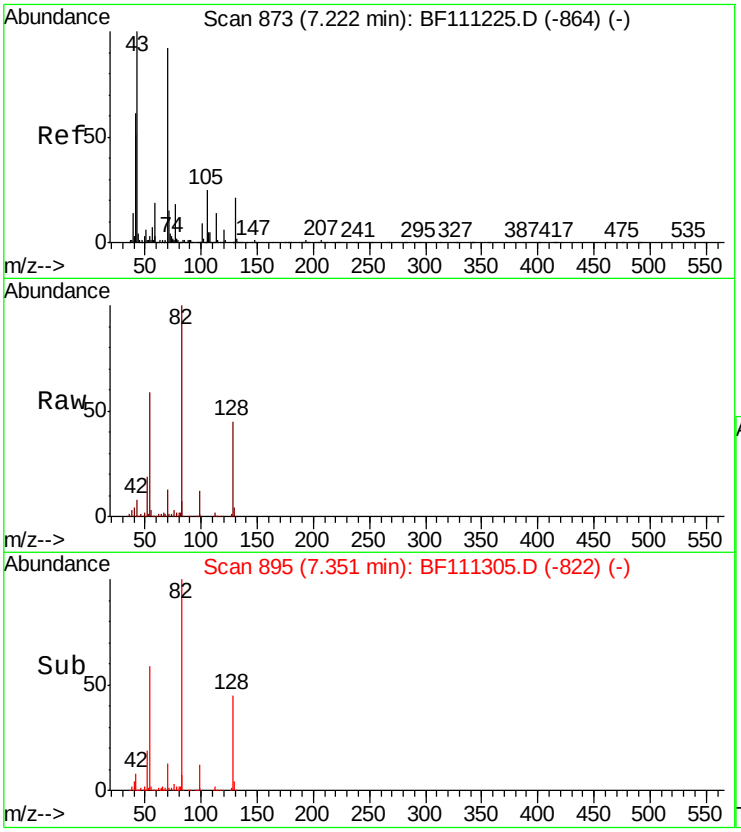


#10
Phenol
Concen: 2.901 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion: 94 Resp: 72246

Ion	Ratio	Lower	Upper
94	100		
65	26.4	11.7	51.7
66	34.5	21.0	61.0



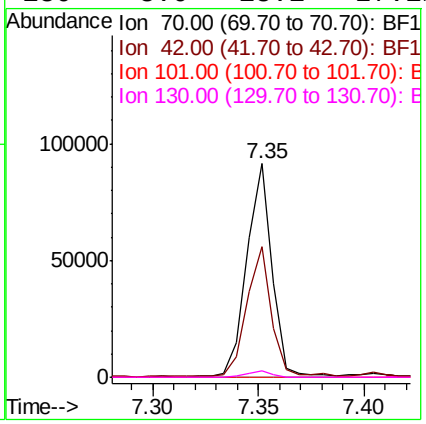


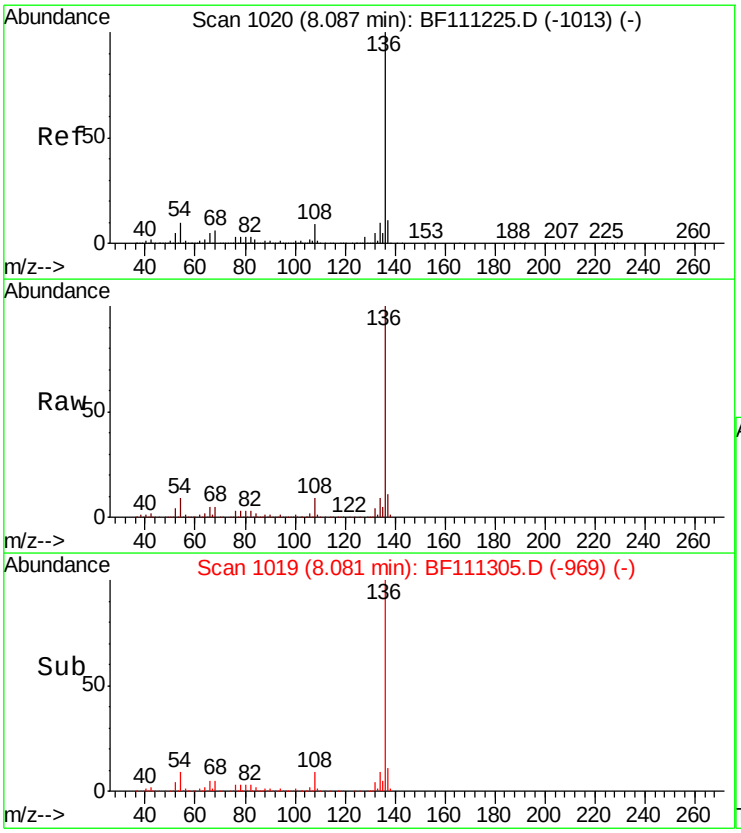
#19
n-Nitroso-di-n-propylamine
Concen: 5.359 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion: 70 Resp: 76454

Ion	Ratio	Lower	Upper
70	100		
42	61.0	53.2	79.8
101	0.0	8.2	12.4#
130	3.0	18.1	27.1#

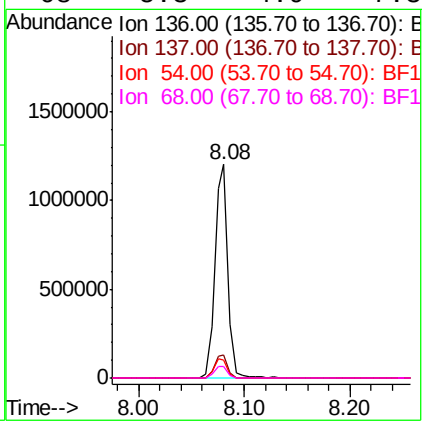


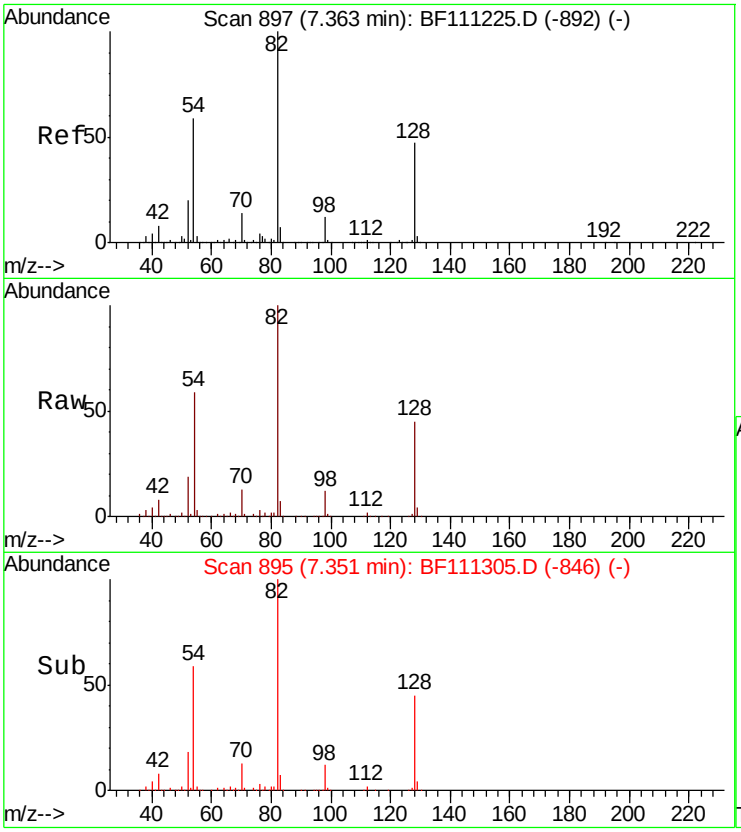


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:136 Resp: 1047252

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.6	7.7	11.5
68	5.3	4.9	7.3



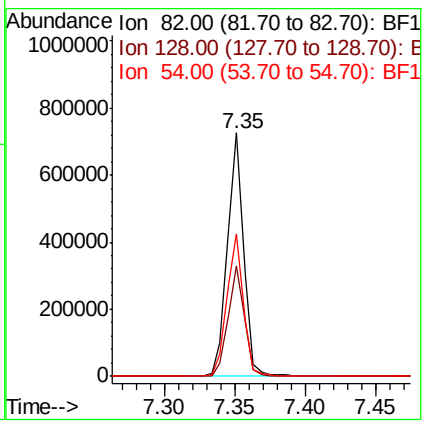


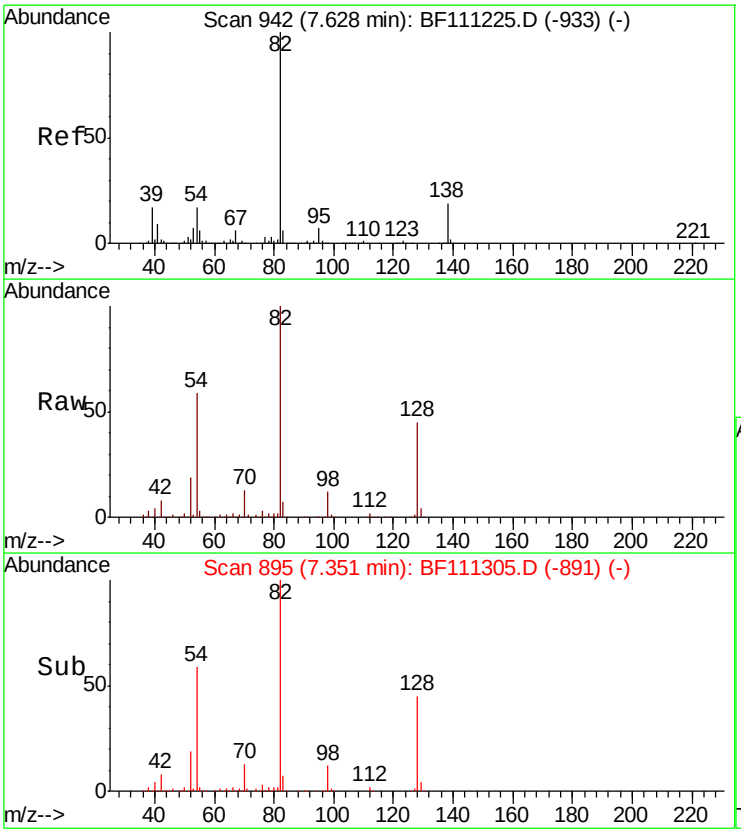
#23
Nitrobenzene-d5
Concen: 31.349 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion: 82 Resp: 585321

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	58.6	47.6	71.4

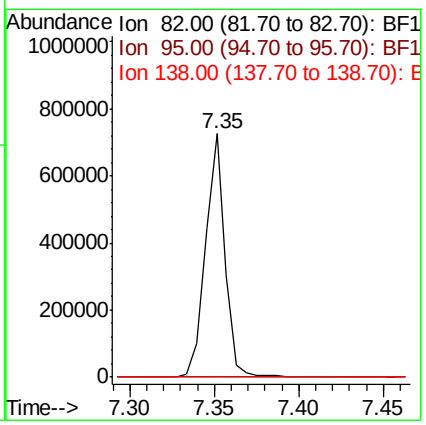


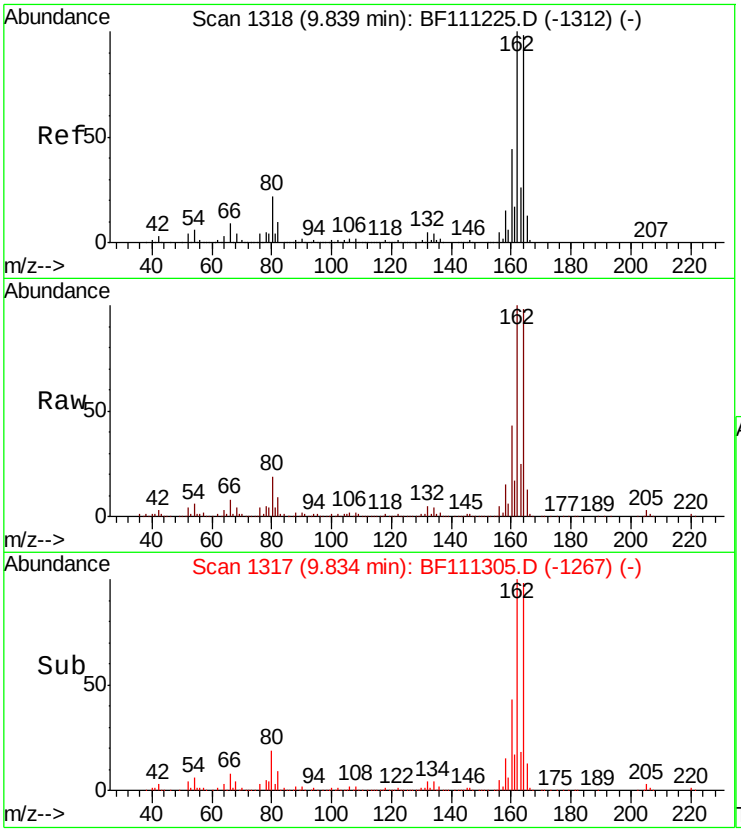


#25
Isophorone
Concen: 18.096 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion: 82 Resp: 575471

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



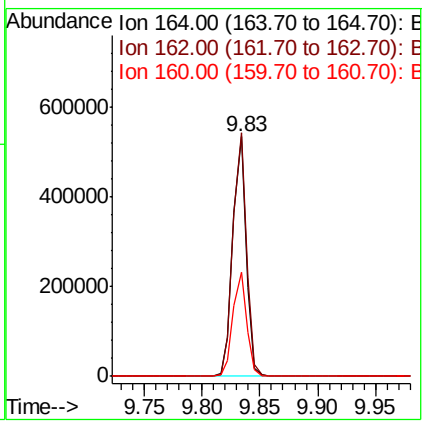


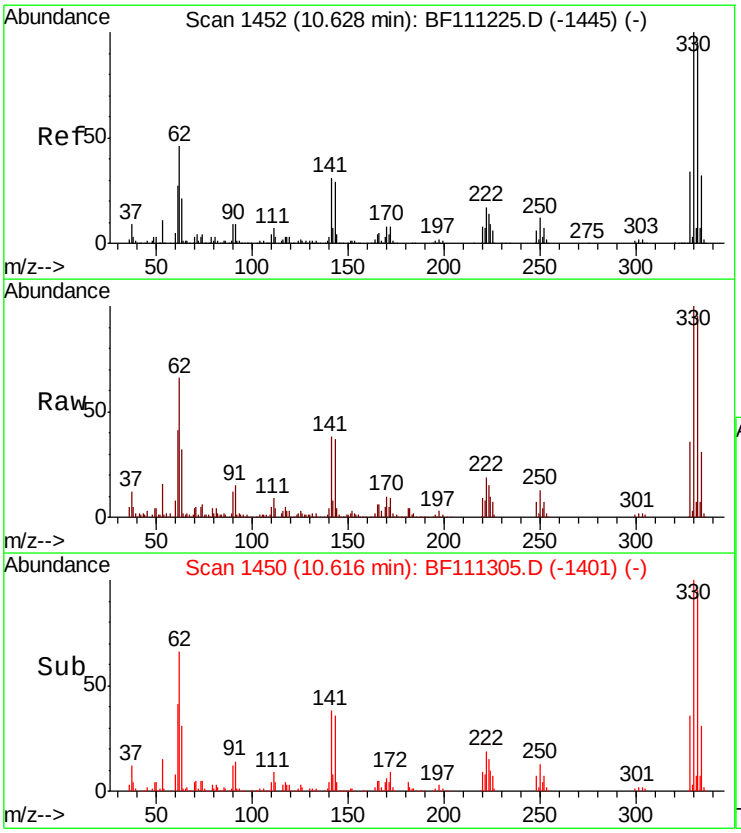
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:164 Resp: 429976

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	43.7	35.7	53.5

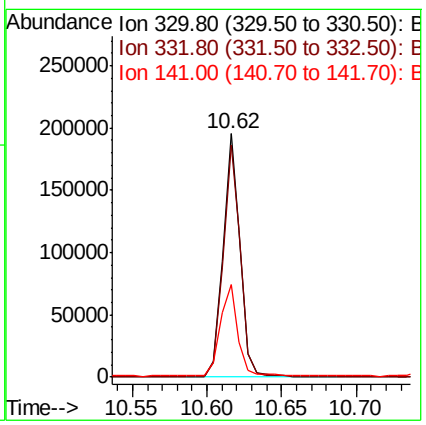


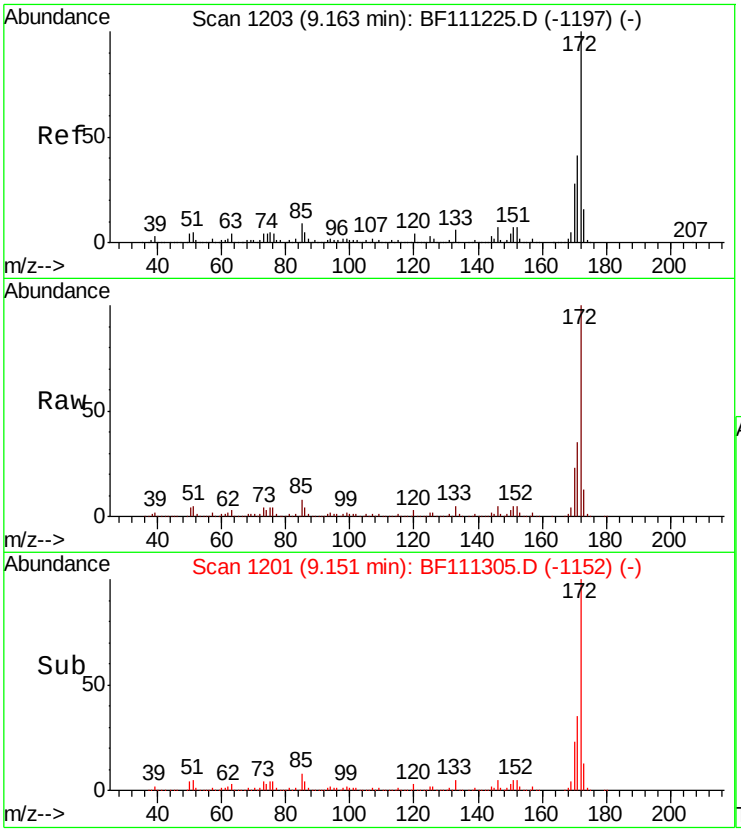


#42
2,4,6-Tribromophenol
Concen: 41.600 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:330 Resp: 158444

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	38.1	31.0	46.6



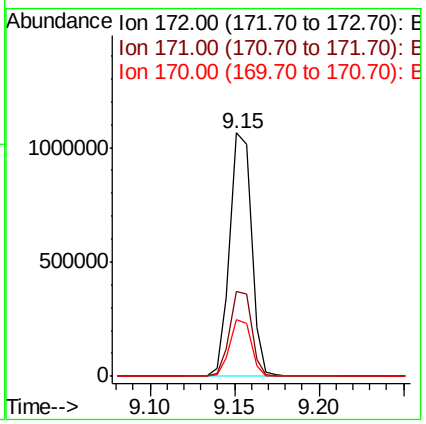


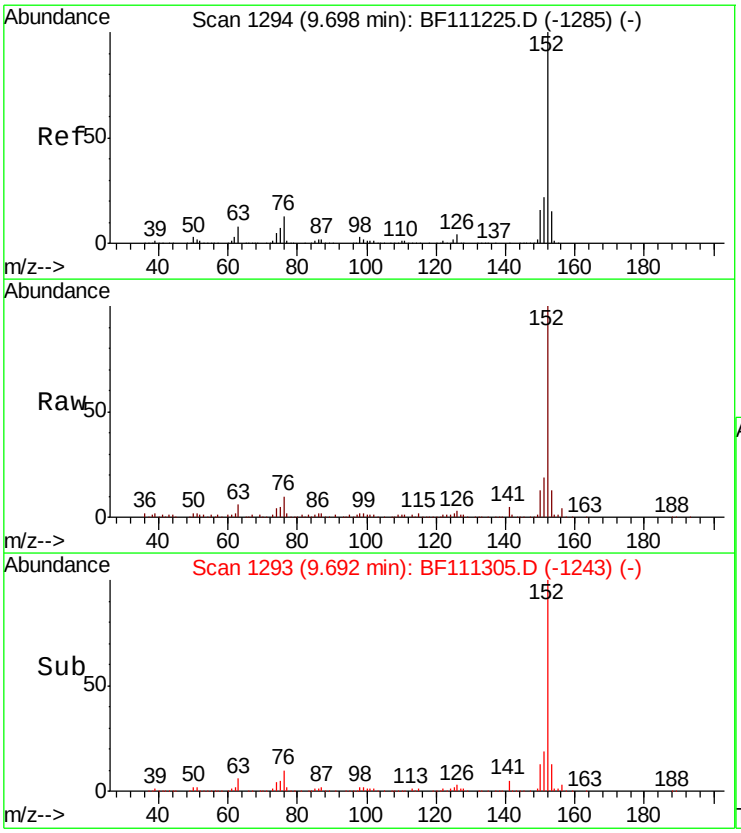
#45
2-Fluorobiphenyl
Concen: 30.744 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:172 Resp: 956262

Ion	Ratio	Lower	Upper
172	100		
171	34.7	33.0	49.4
170	23.2	22.3	33.5

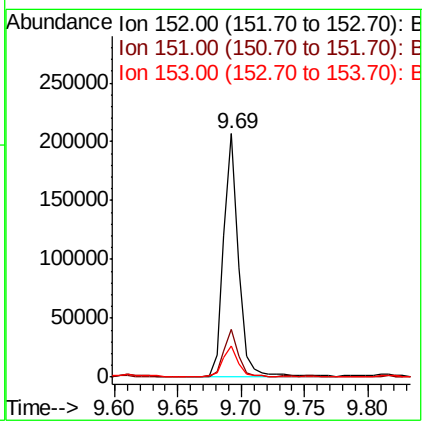


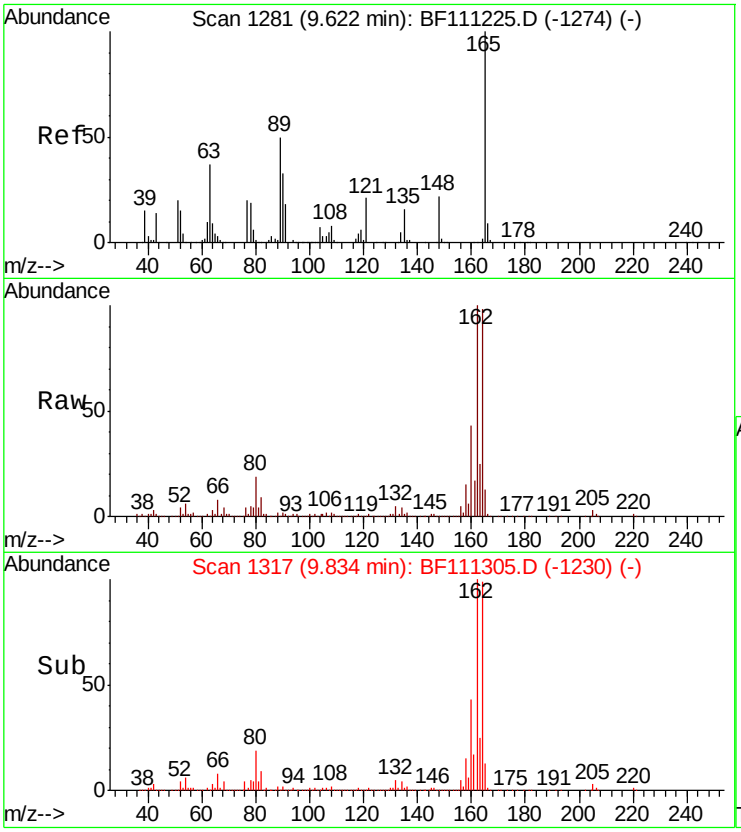


#49
Acenaphthylene
Concen: 4.202 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:152 Resp: 171622

Ion	Ratio	Lower	Upper
152	100		
151	19.4	18.0	27.0
153	12.6	12.3	18.5



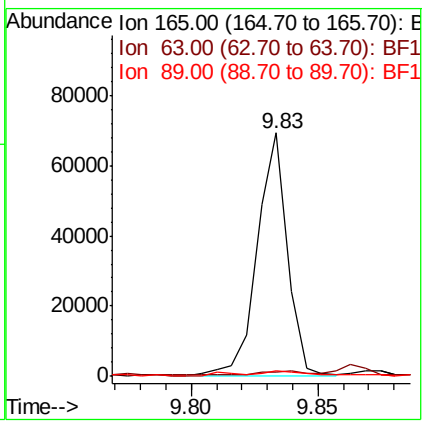


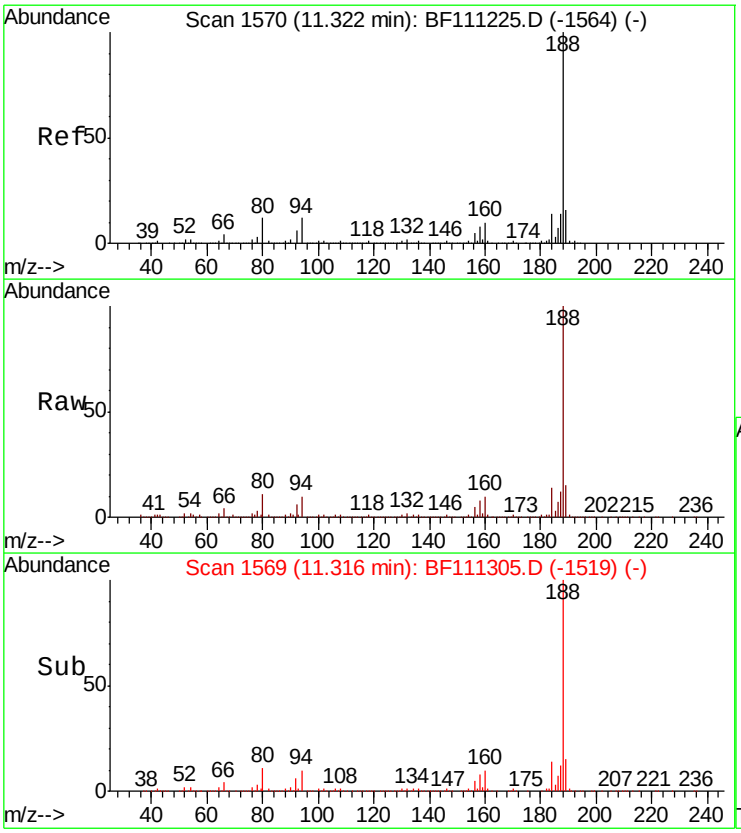
#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:165 Resp: 57810

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	2.1	40.0	60.0#

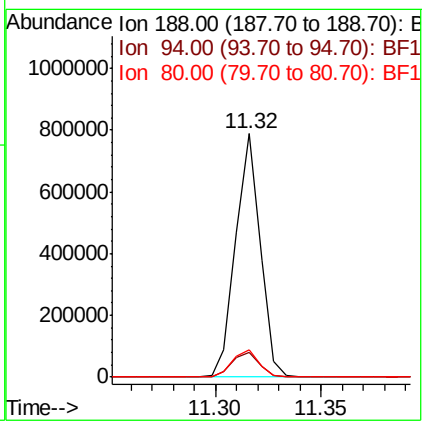


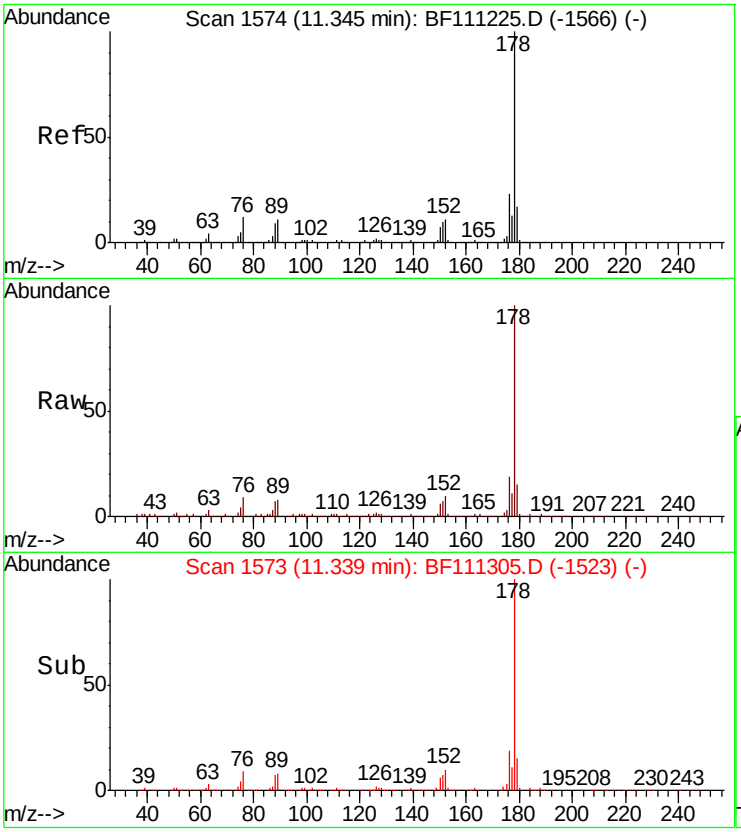


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:188 Resp: 635392

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	11.2	9.8	14.6



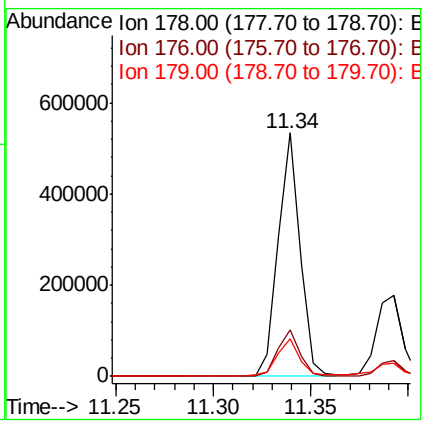


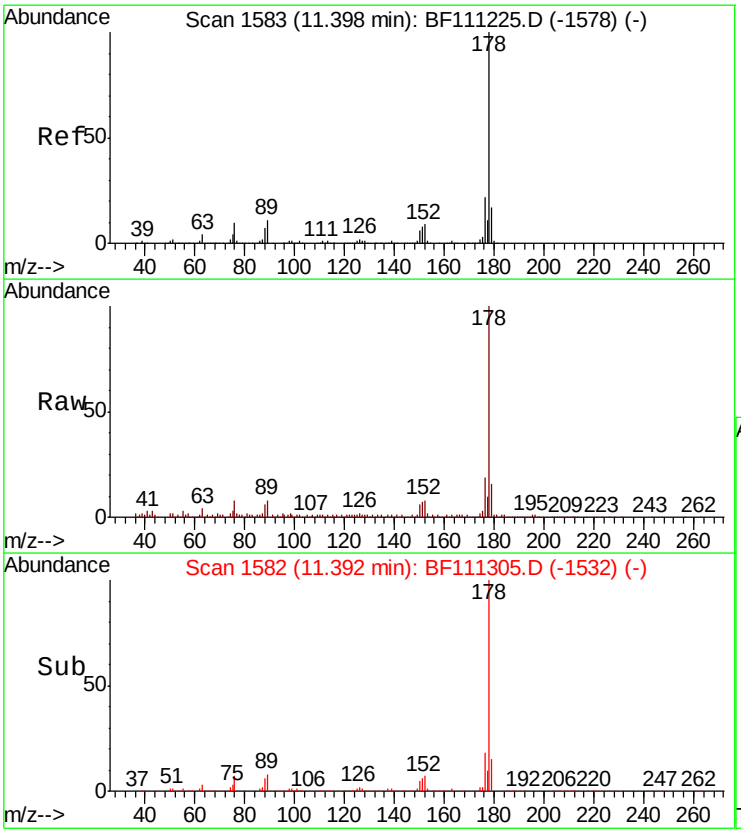
#71
Phenanthrene
Concen: 12.926 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:178 Resp: 414249

Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.2	14.0	21.0

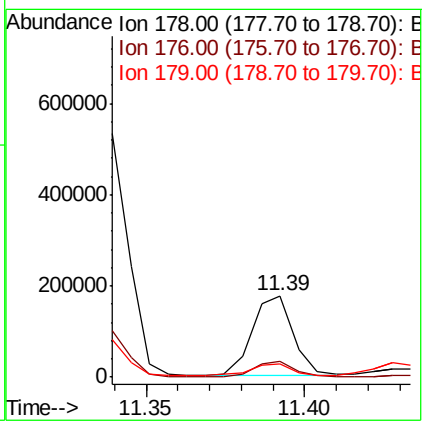


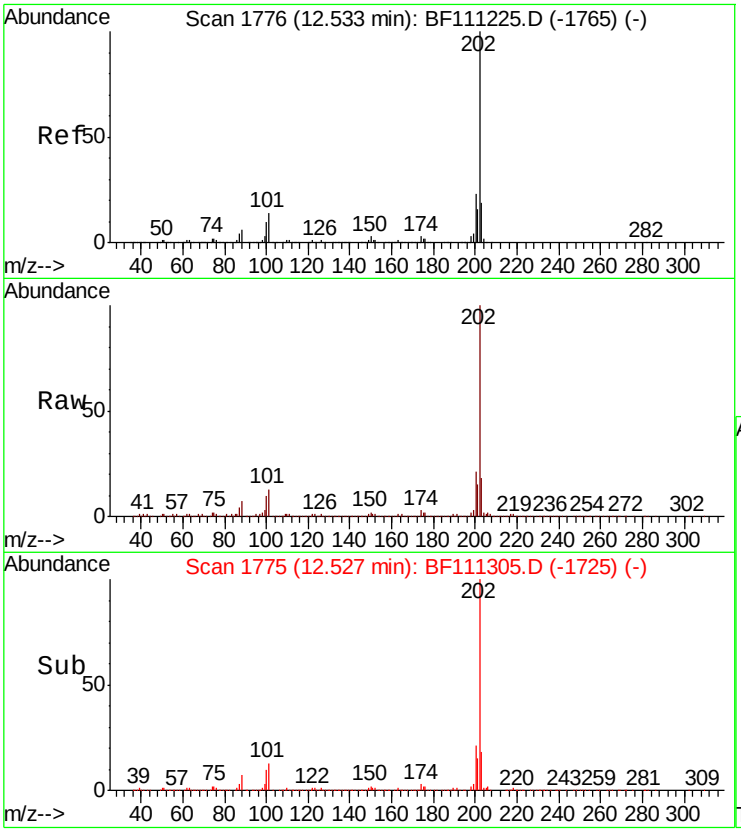


#72
Anthracene
Concen: 4.689 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:178 Resp: 157209

Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.2	25.8
179	16.0	13.8	20.8



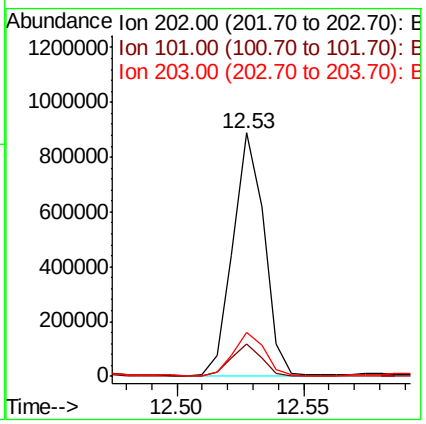


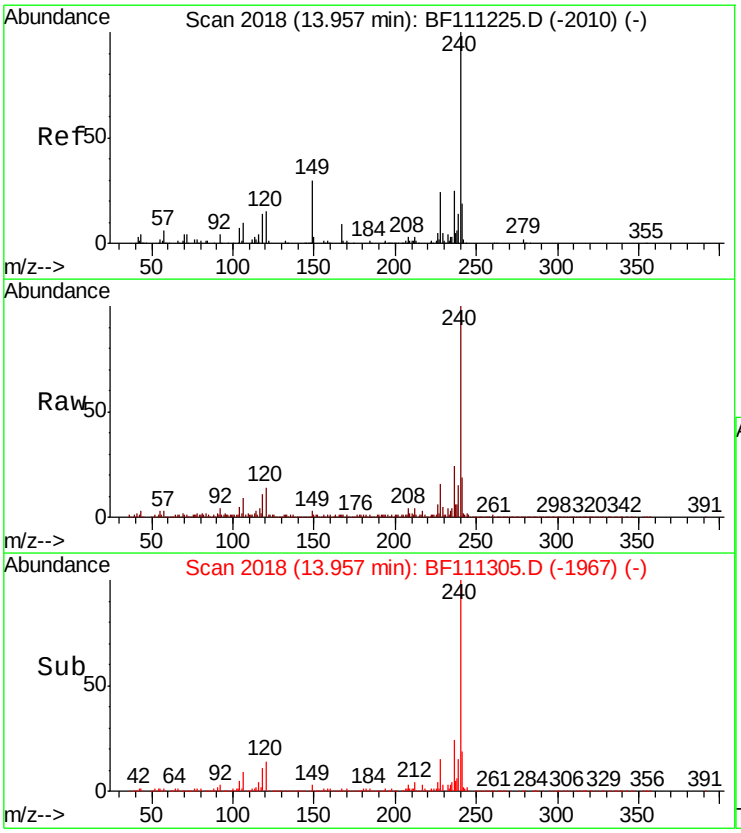
#75
Fluoranthene
Concen: 25.990 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:202 Resp: 760882

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.8
203	18.2	0.0	38.6

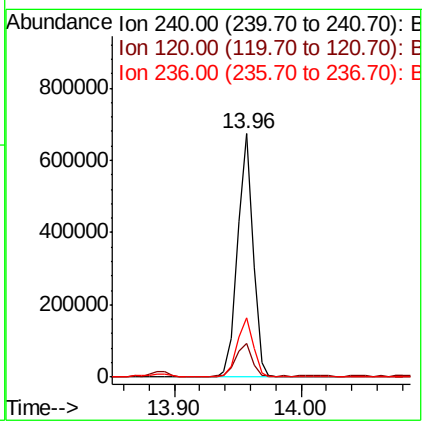


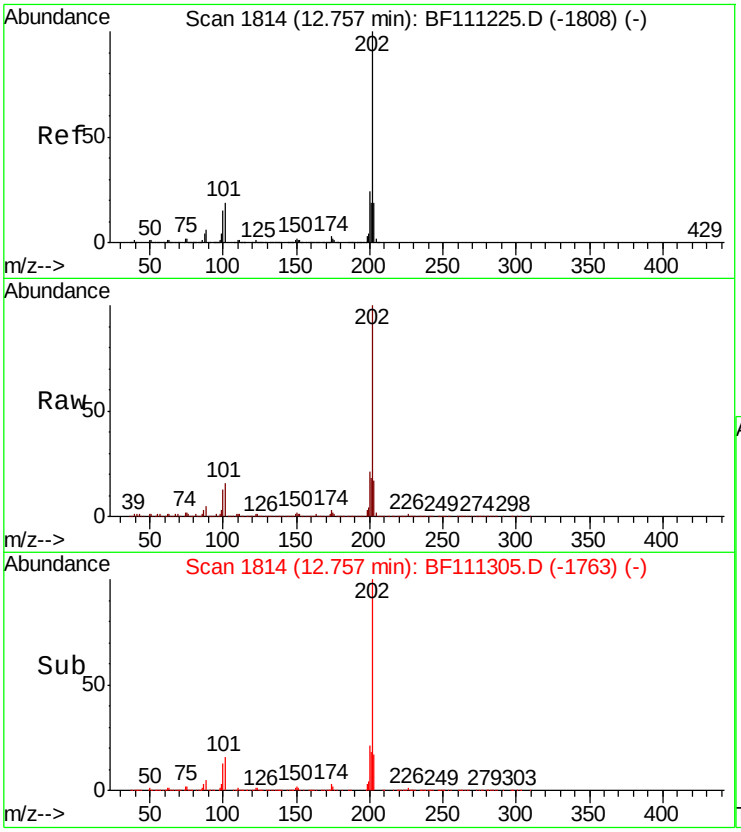


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:240 Resp: 558836

Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.2	18.2
236	24.1	20.2	30.2



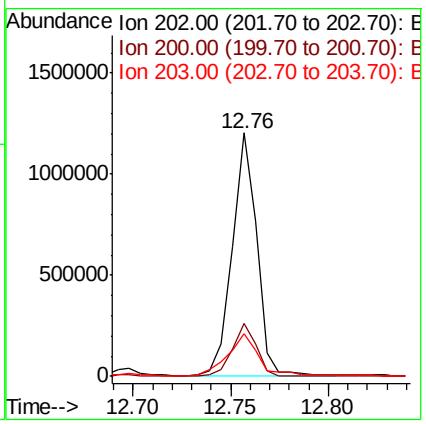


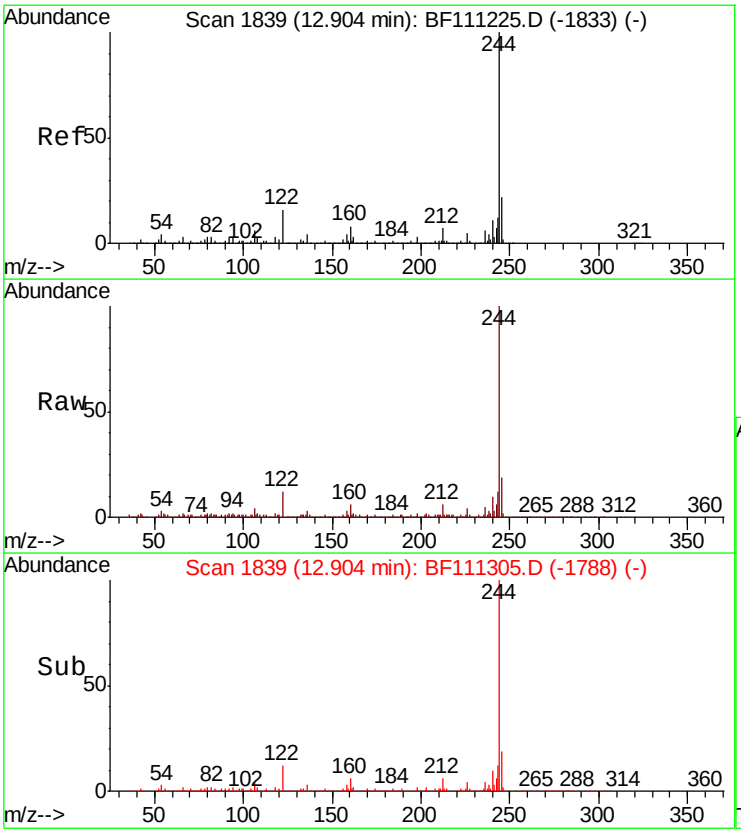
#78
Pyrene
Concen: 26.102 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:202 Resp: 1042394

Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.0	28.4
203	17.5	15.2	22.8

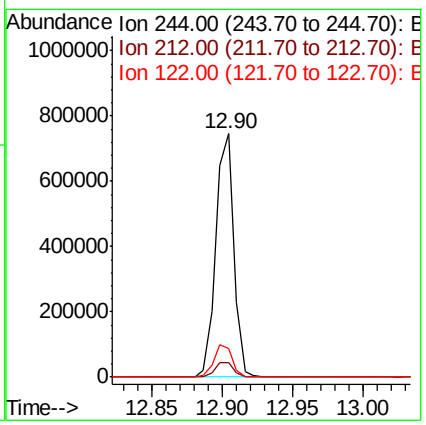


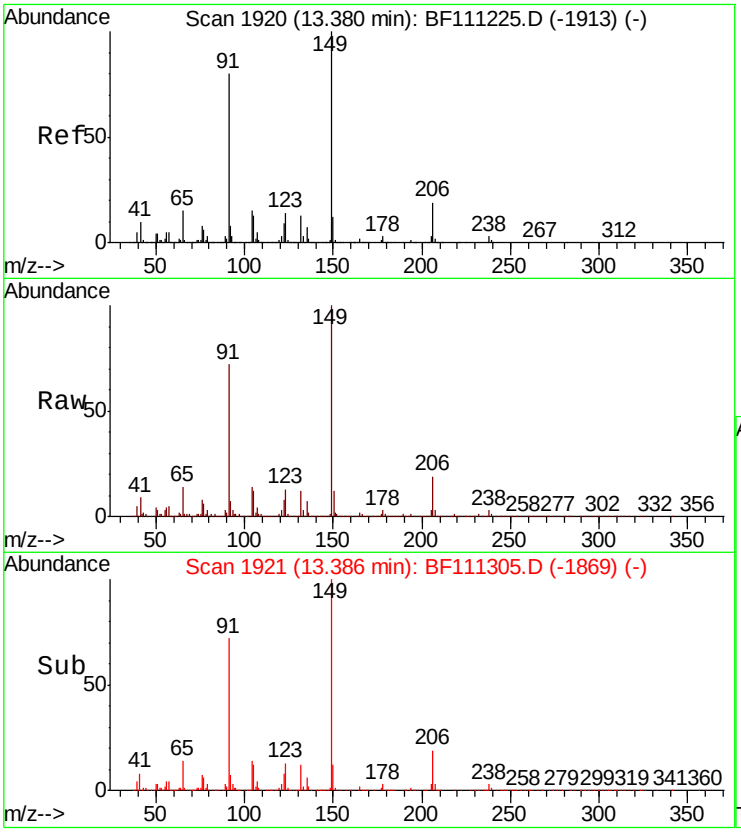


#79
Terphenyl-d14
Concen: 28.411 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:244 Resp: 661919

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.7	8.5
122	11.9	13.1	19.7#



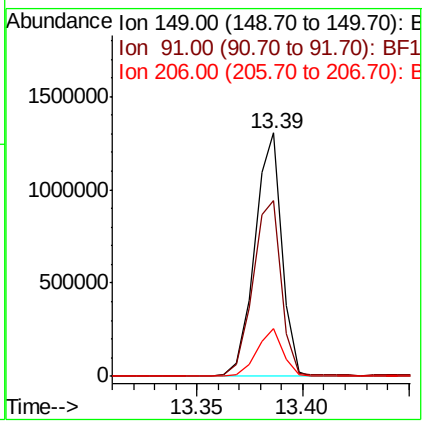


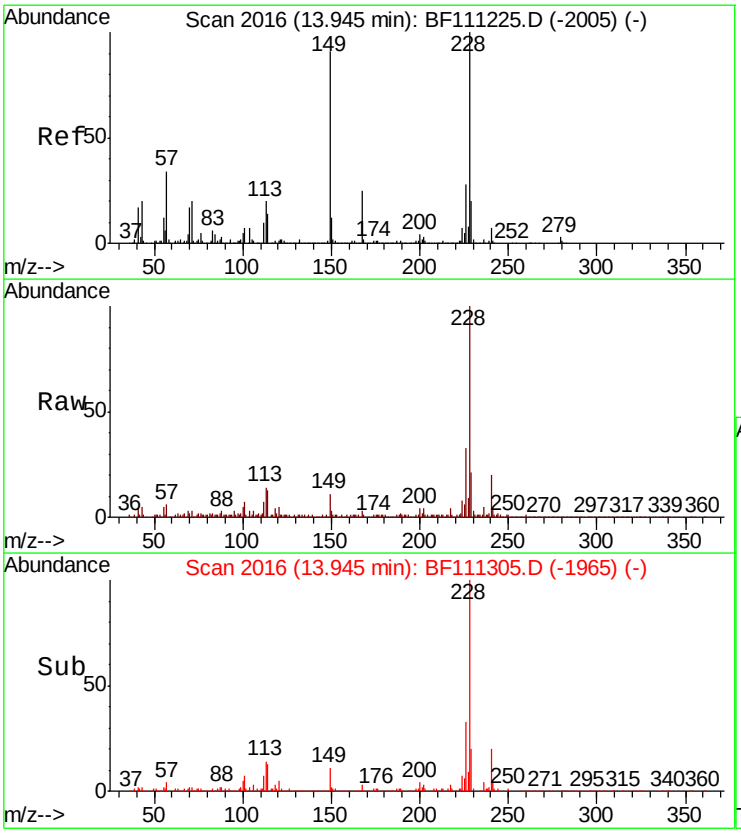
#80
Butylbenzylphthalate
Concen: 55.355 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:149 Resp: 1154626

Ion	Ratio	Lower	Upper
149	100		
91	72.4	63.8	95.6
206	19.4	15.1	22.7

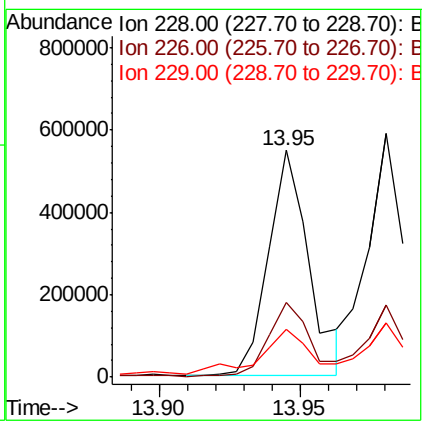


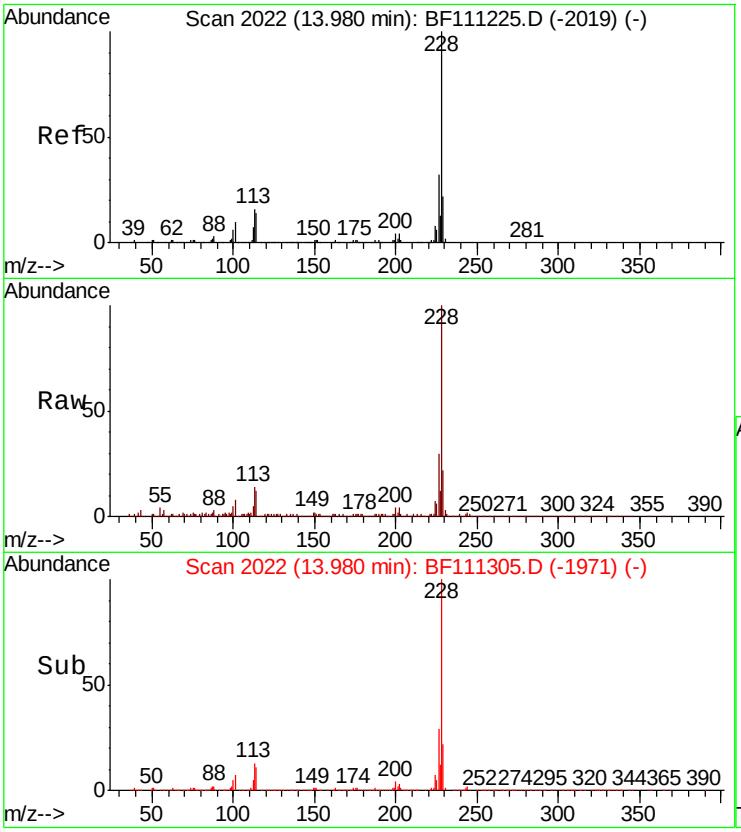


#81
Benzo(a)anthracene
Concen: 17.532 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:228 Resp: 546594

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	34.0
229	21.2	16.3	24.5



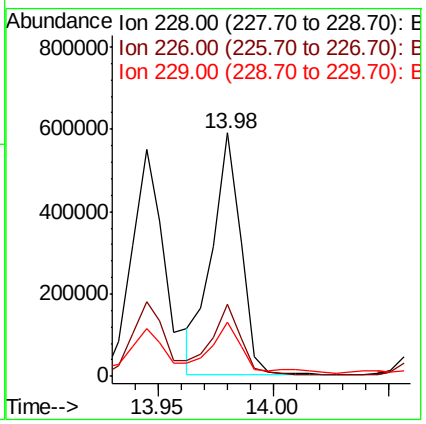


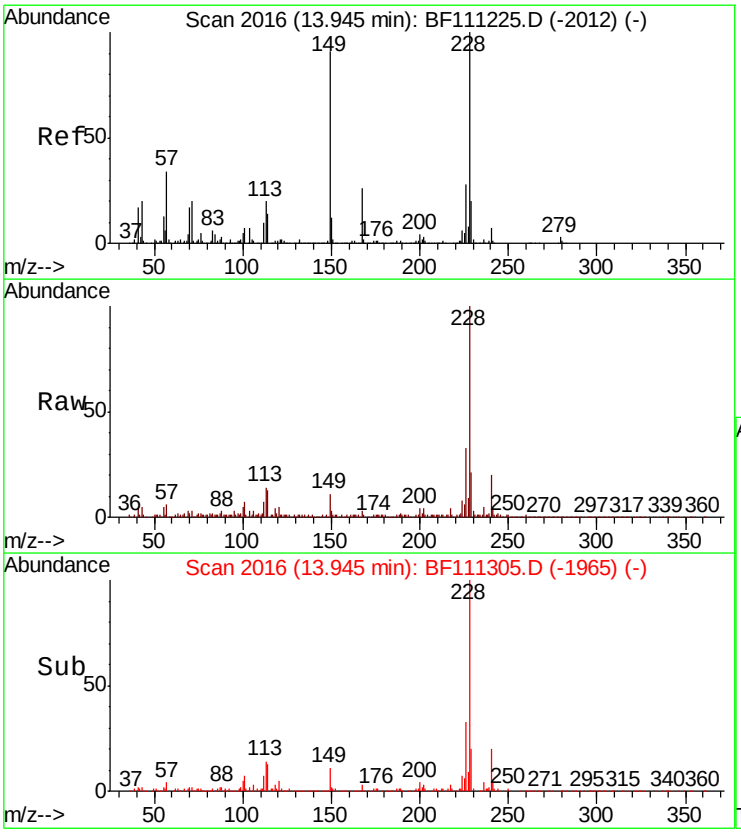
#83
Chrysene
Concen: 15.825 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:228 Resp: 508625

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	22.2	17.2	25.8

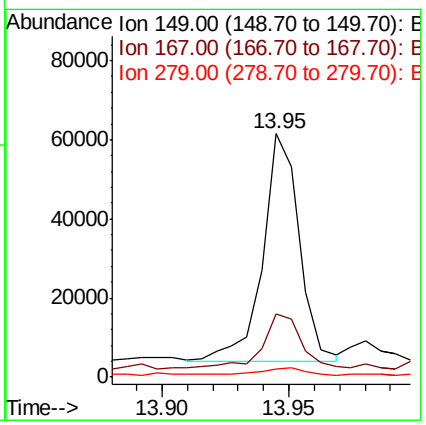


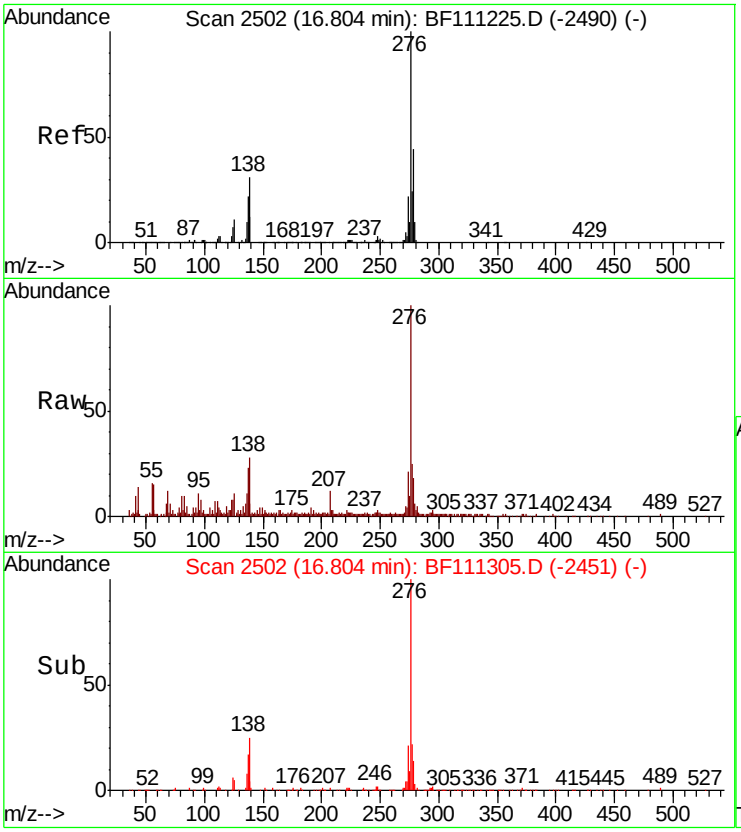


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.353 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:149 Resp: 58333

Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.5	33.7
279	3.2	2.6	4.0



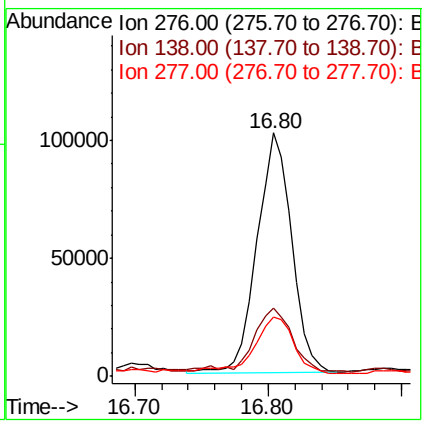


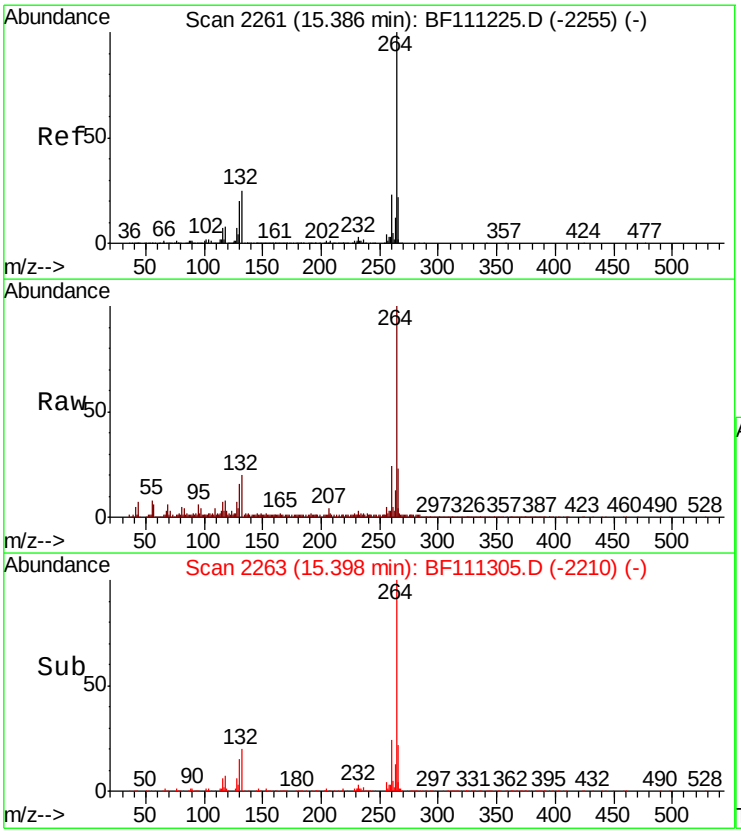
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.034 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:276 Resp: 182508

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	28.3	20.1	30.1

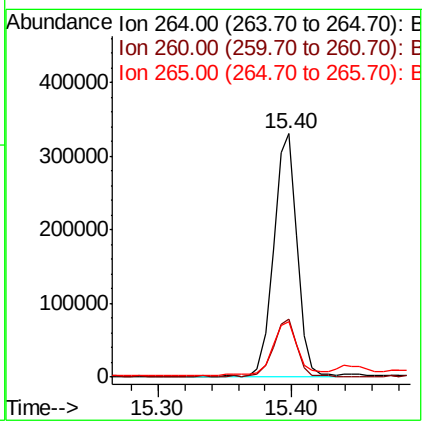


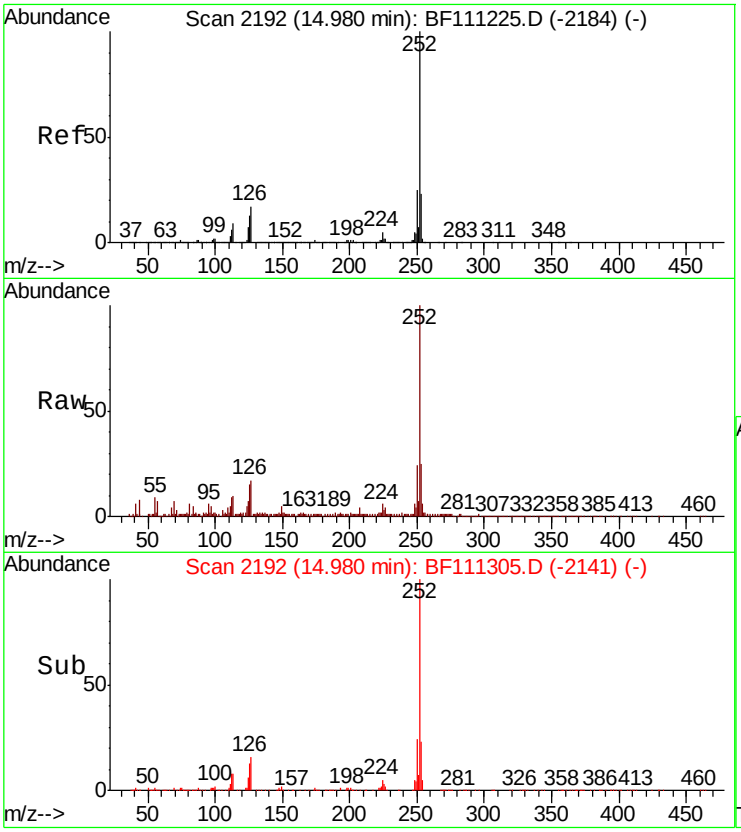


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:264 Resp: 405128

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.7	17.7	26.5



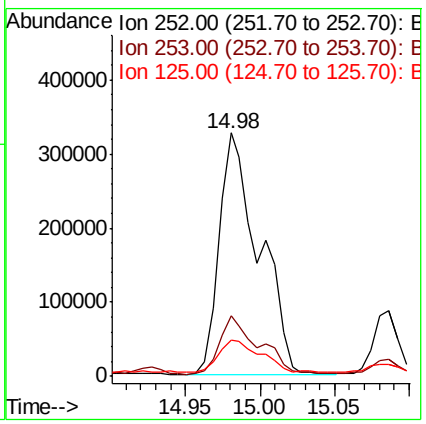


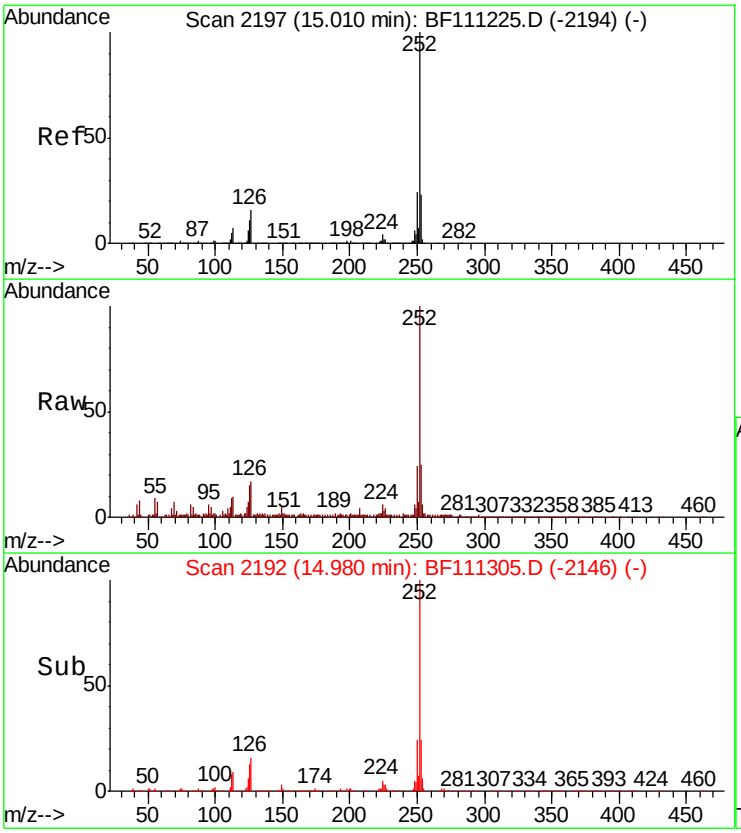
#88
Benzo(b)fluoranthene
Concen: 27.311 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:252 Resp: 611892

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	14.8	10.4	15.6

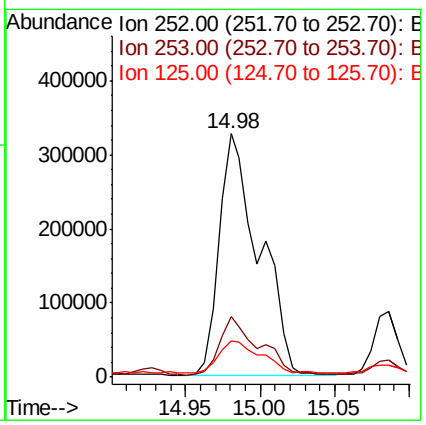


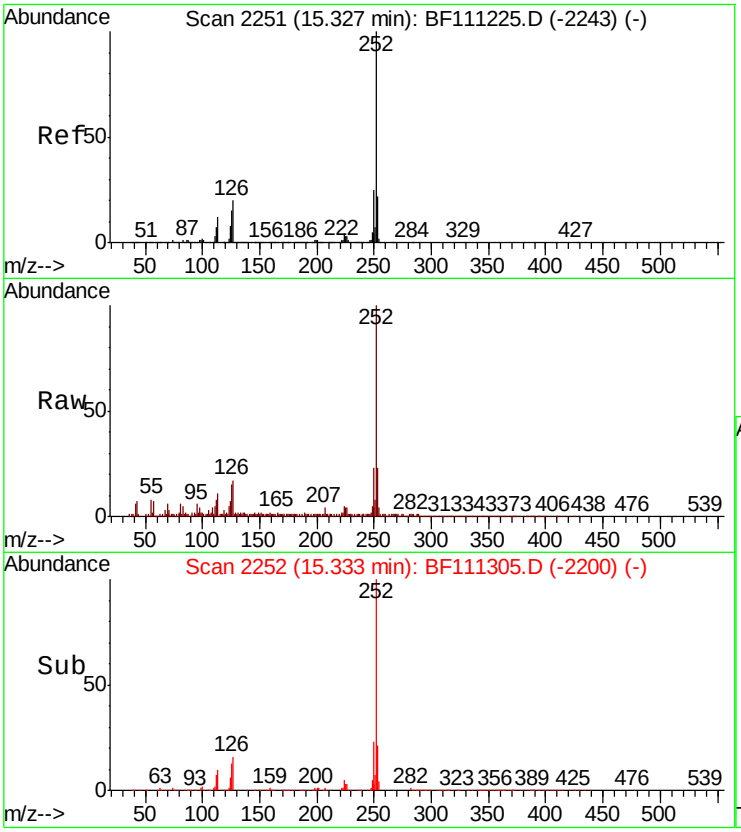


#89
Benzo(k)fluoranthene
Concen: 29.049 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:252 Resp: 611892

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	14.8	9.8	14.8#



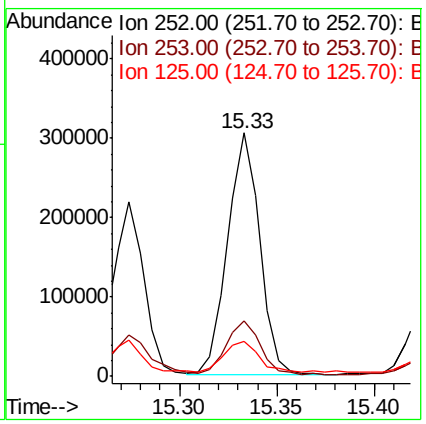


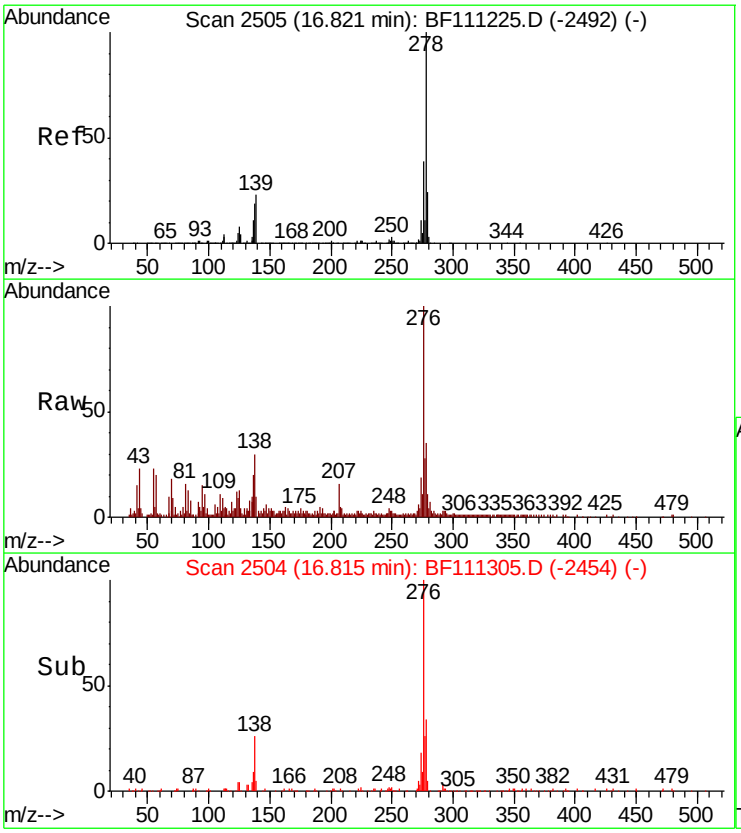
#90
Benzo(a)pyrene
Concen: 16.783 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:252 Resp: 346254

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	14.6	12.3	18.5

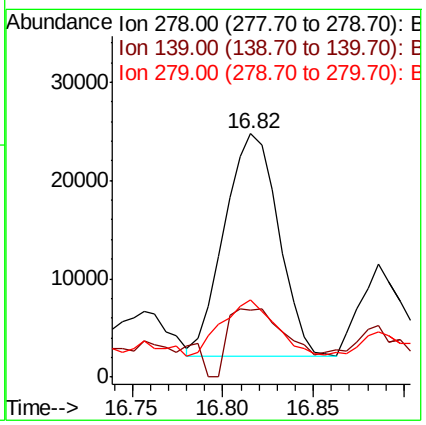


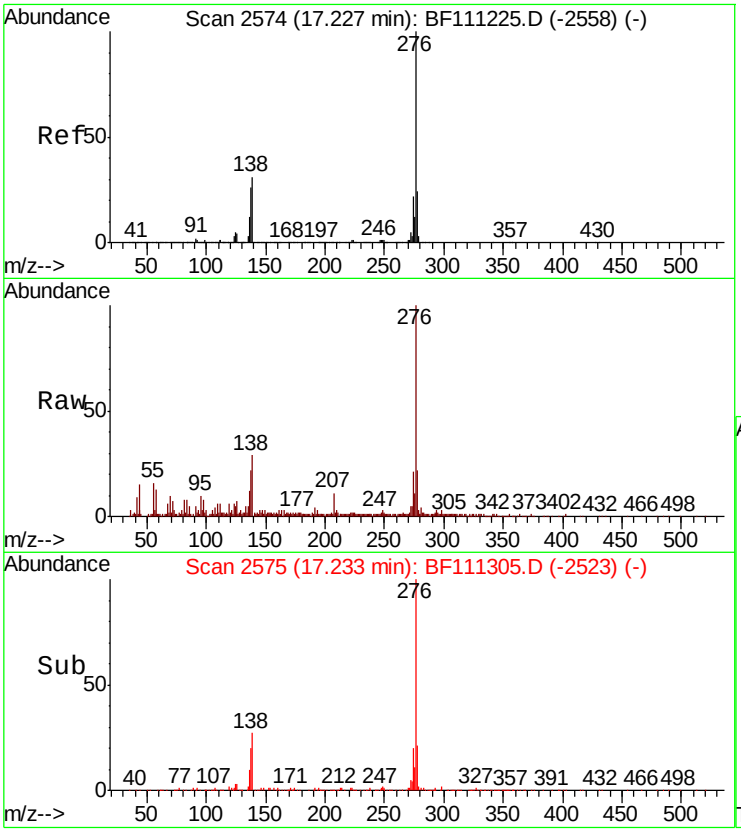


#91
Dibenzo(a,h)anthracene
Concen: 2.909 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Tgt Ion:278 Resp: 47142

Ion	Ratio	Lower	Upper
278	100		
139	27.7	18.2	27.4#
279	31.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 12.463 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111305.D
Acq: 12 Dec 2018 4:43

Instrument :
BNA_F
ClientSampleId :
TP-MH-F

Tgt Ion:276 Resp: 202180

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.2	28.8
138	28.6	24.9	37.3