Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108757.D
Acq On : 4 Sep 2018 22:38
Operator : JU/SJ
Sample : J4756-01RE 4X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 03:14:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	51551	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	251444	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	128291	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	274188	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	199225	20.00	ng		-0.01
86) Perylene-d12	15.74	264	147676	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	11402	3.84	ng		0.07
7) Phenol-d6	6.66	99	11917	2.80	ng		0.01
23) Nitrobenzene-d5	7.61	82	33974	6.86	ng		0.04
41) 2,4,6-Tribromophenol	10.83	330	25867	15.27	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	134449	14.09	ng		-0.02
78) Terphenyl-d14	13.11	244	173040	16.88	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.61	82	33974	4.129	ng	#	64
49) Dimethylphthalate	9.74	163	30434	3.013	ng		98
50) 2,6-Dinitrotoluene	10.03	165	15674	7.039	ng	#	25
55) 4-Nitrophenol	10.25	139	2982	6.585	ng	#	24
56) 2,4-Dinitrotoluene	10.03	165	15674	5.316	ng	#	23
70) Phenanthrene	11.55	178	147084	10.628	ng		98
71) Anthracene	11.61	178	62053	4.267	ng		98
74) Fluoranthene	12.75	202	267442	17.168	ng		94
77) Pyrene	12.98	202	251341	16.783	ng		99
80) Benzo(a)anthracene	14.18	228	93243	7.677	ng		97
82) Chrysene	14.21	228	88087	7.542	ng		98
85) Indeno(1,2,3-cd)pyrene	17.36	276	31573	3.888	ng	#	86
87) Benzo(b)fluoranthene	15.28	252	108280	11.936	ng		95
88) Benzo(k)fluoranthene	15.28	252	108280	12.049	ng		98
89) Benzo(a)pyrene	15.68	252	57584	7.024	ng		94
91) Benzo(g,h,i)perylene	17.85	276	35639	5.600	ng		91

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

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Misc :
ALS Vial : 25 Sample Multiplier: 1

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BNA_F
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Quant Time: Sep 05 03:14:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
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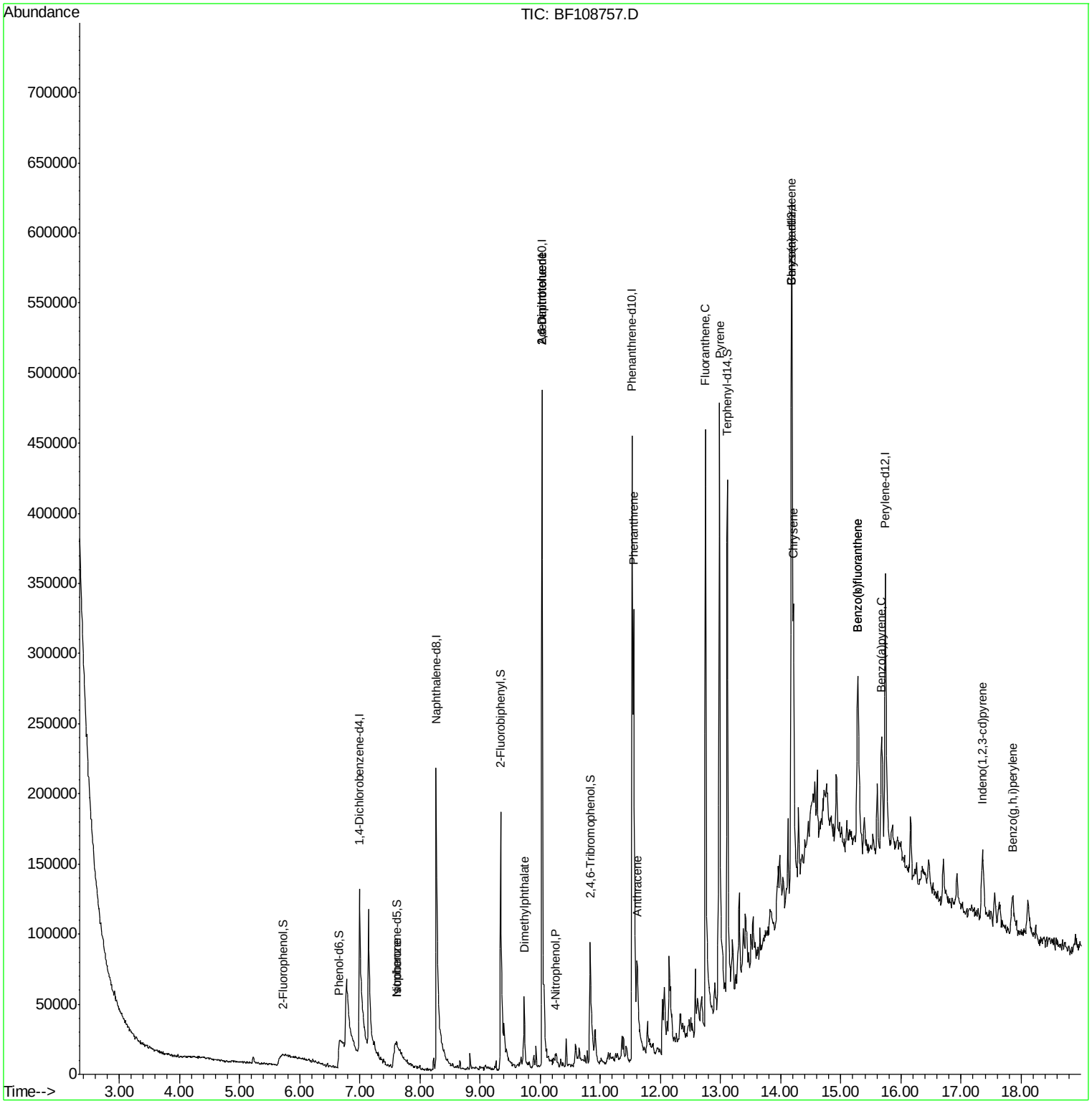
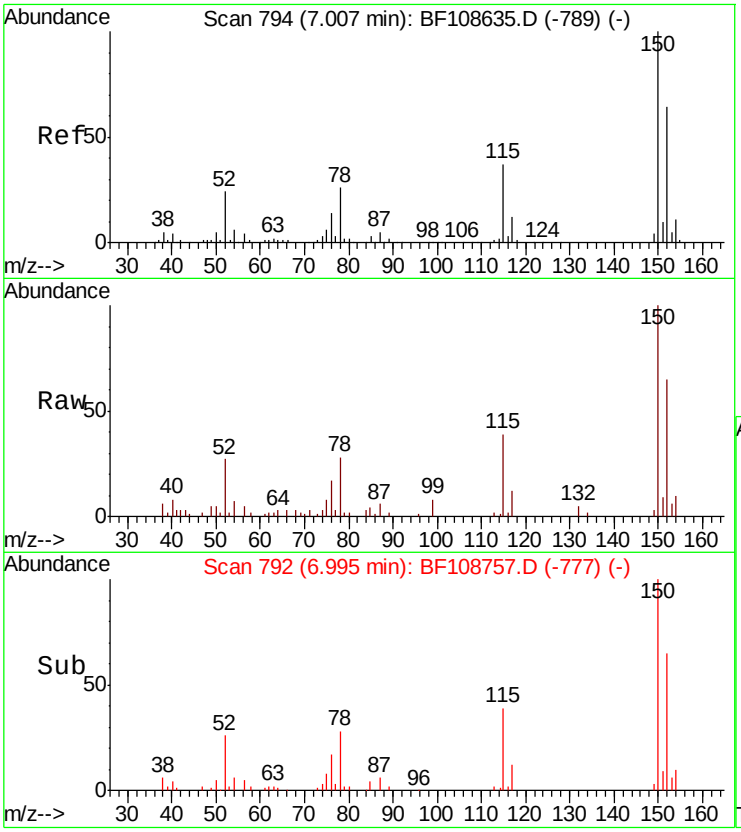


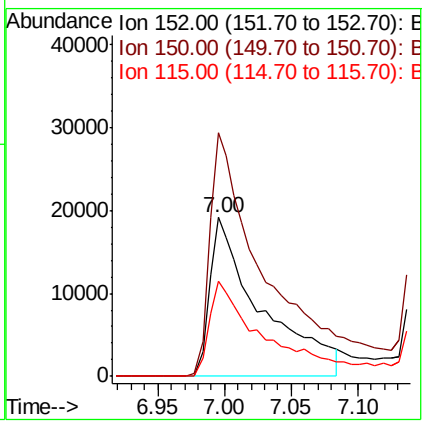


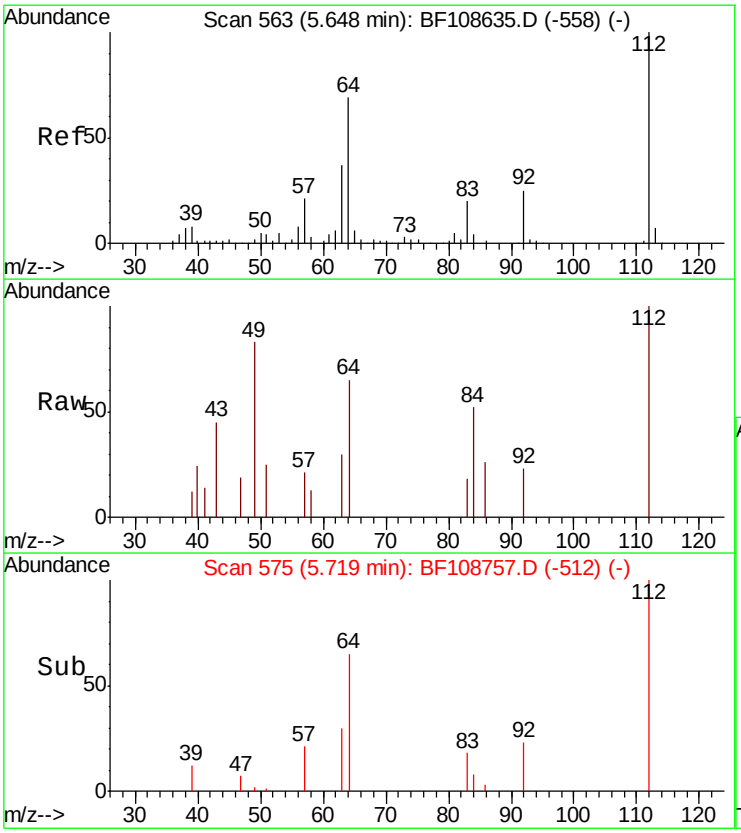
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51551

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	59.6	50.1	75.1

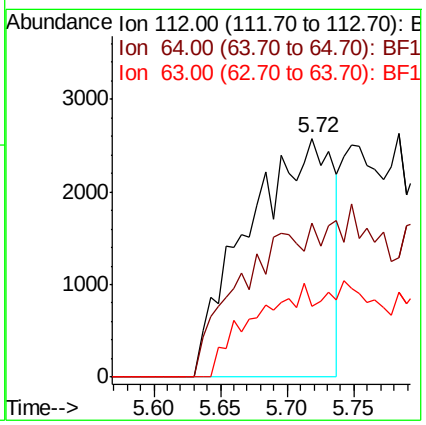


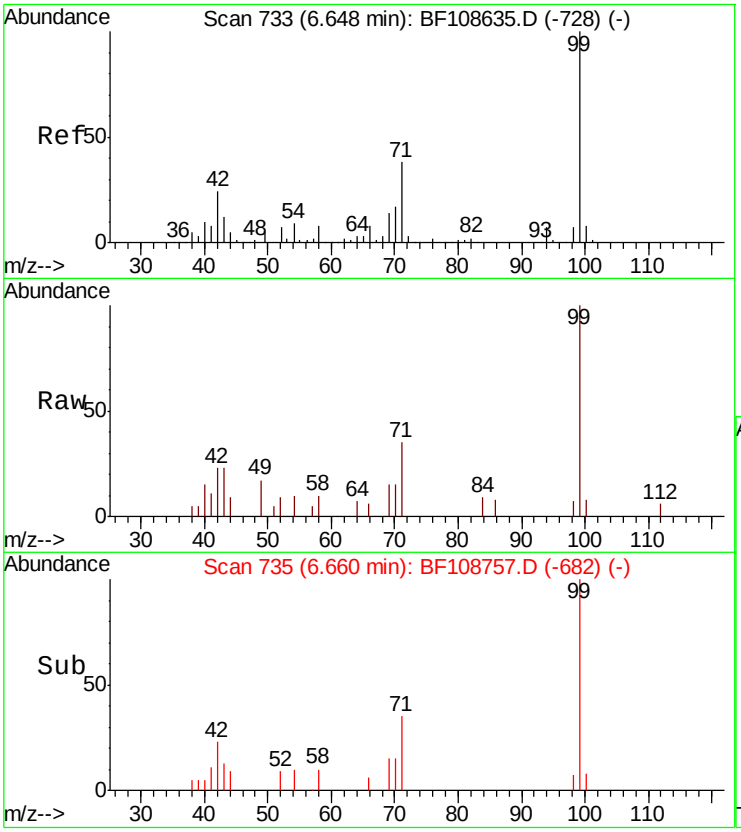


#5
2-Fluorophenol
Concen: 3.842 ng
RT: 5.72 min Scan# 575
Delta R.T. 0.07 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:112 Resp: 11402

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	29.7	23.7	35.5



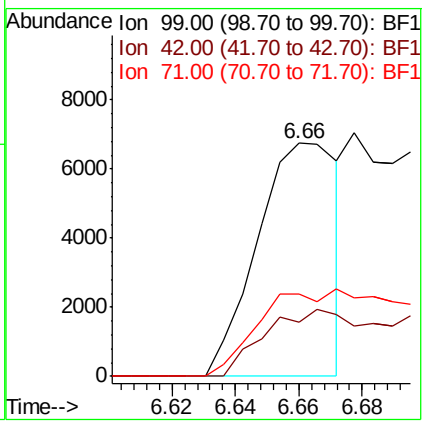


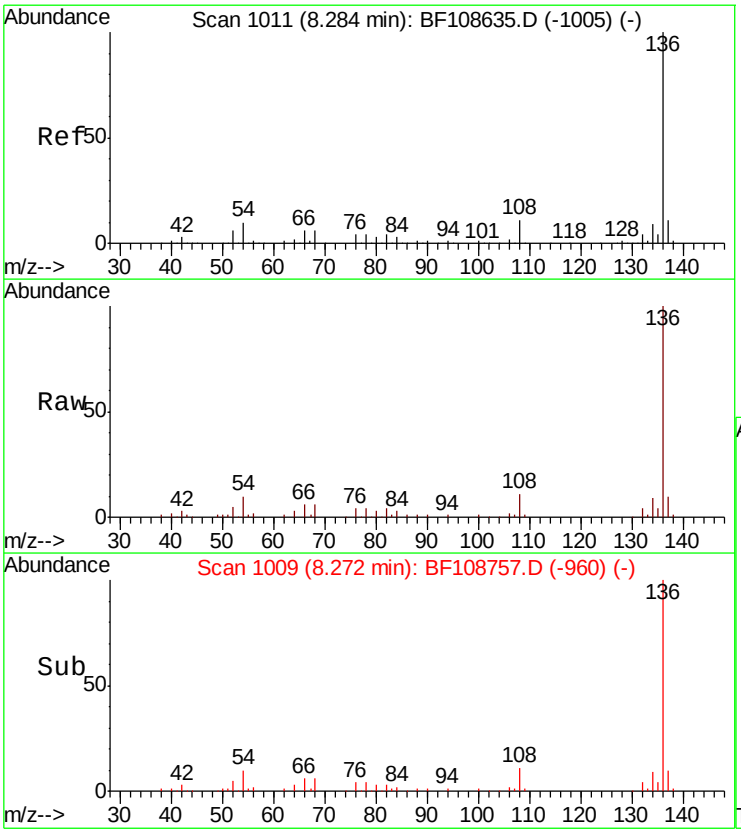
#7
Phenol-d6
Concen: 2.804 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 11917

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	35.4	25.4	38.0

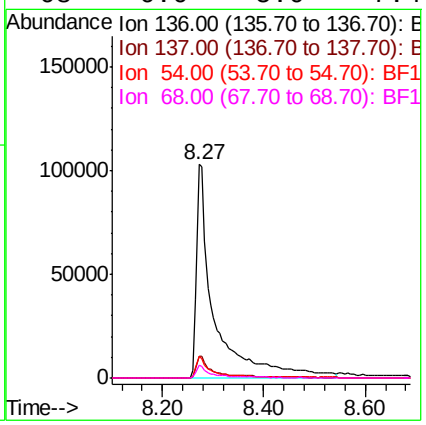


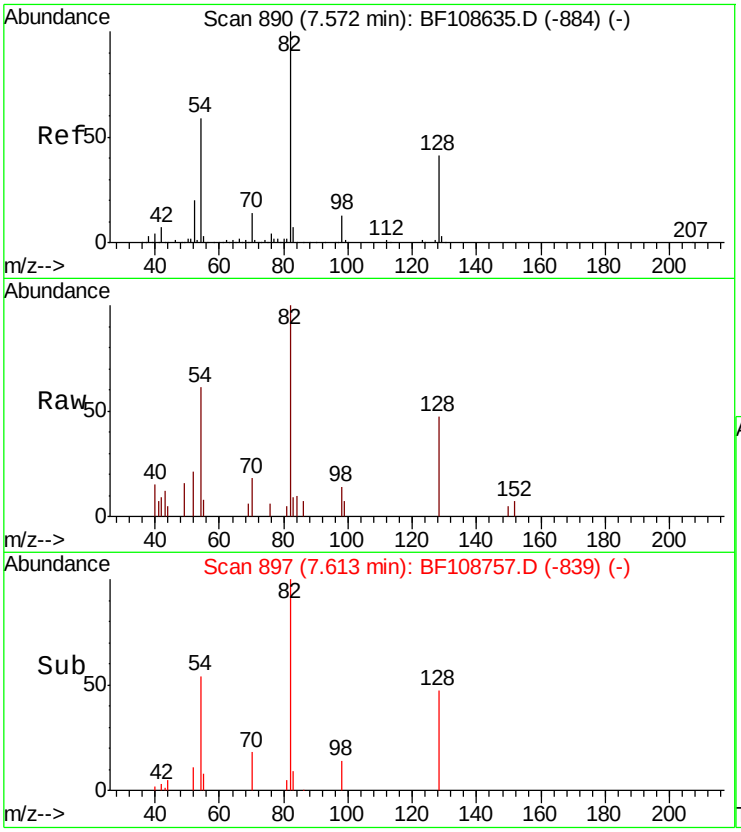


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:136 Resp: 251444

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	10.1	6.6	9.8#
68	6.0	5.0	7.4



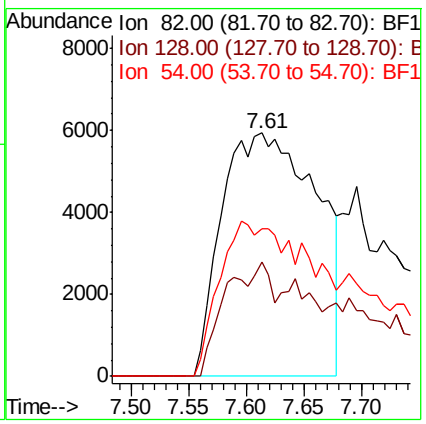


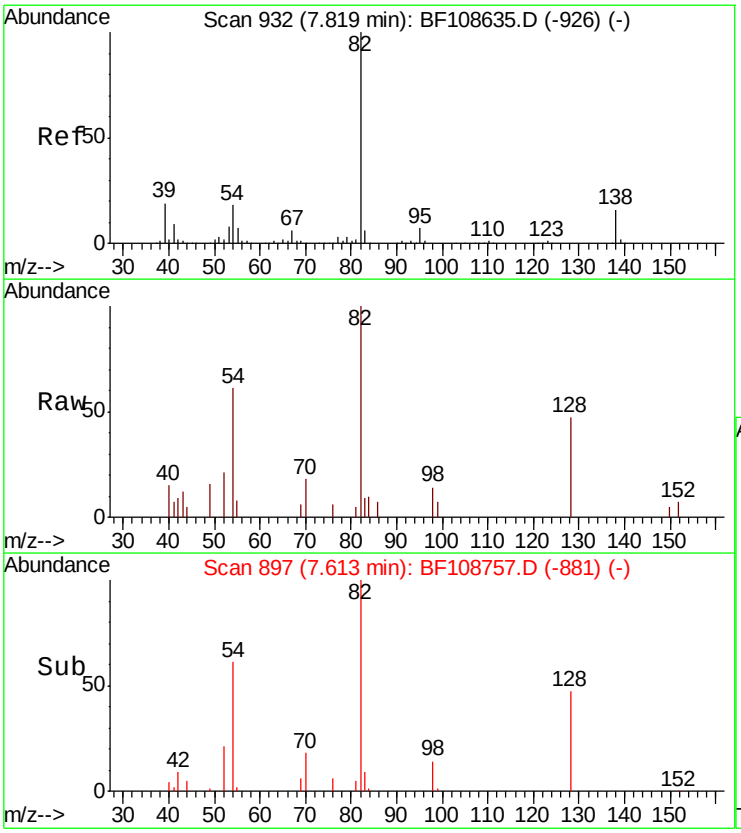
#23
Nitrobenzene-d5
Concen: 6.858 ng
RT: 7.61 min Scan# 897
Delta R.T. 0.04 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 33974

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	60.6	41.4	62.2

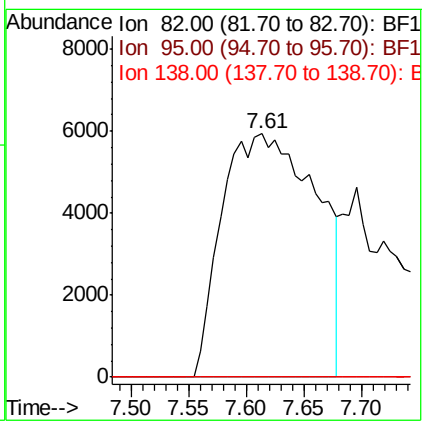


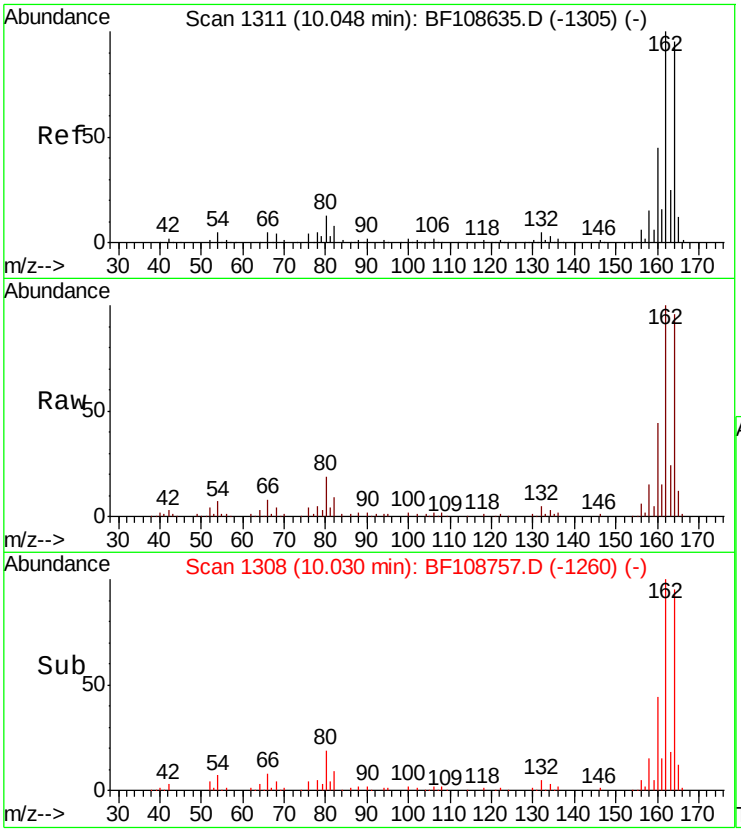


#25
Isophorone
Concen: 4.129 ng
RT: 7.61 min Scan# 897
Delta R.T. -0.21 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion: 82 Resp: 33974

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



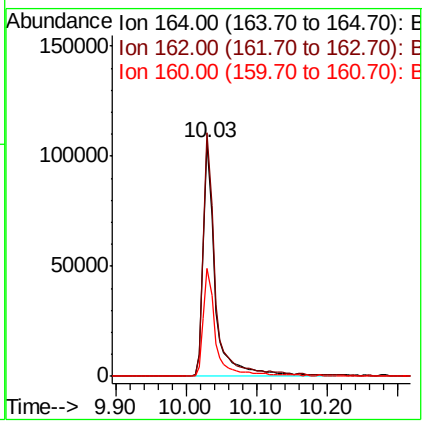


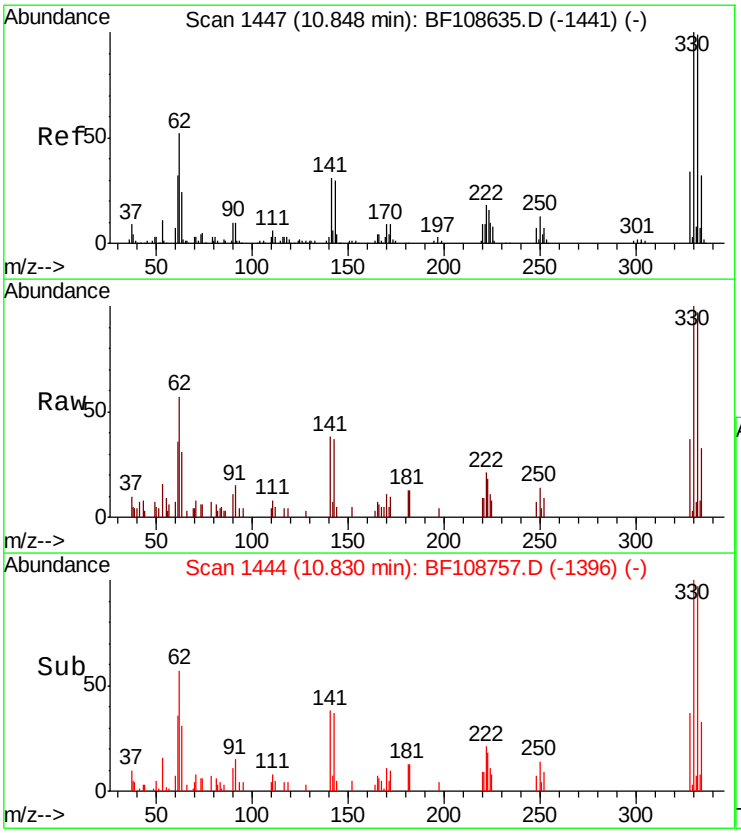
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 128291

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5

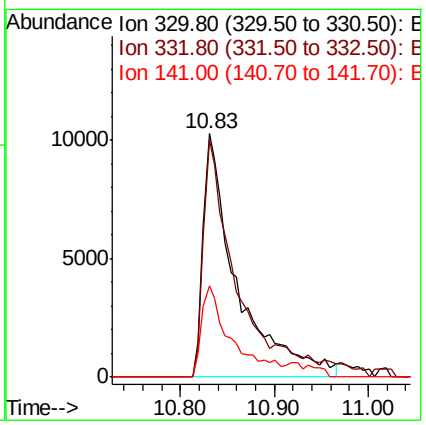


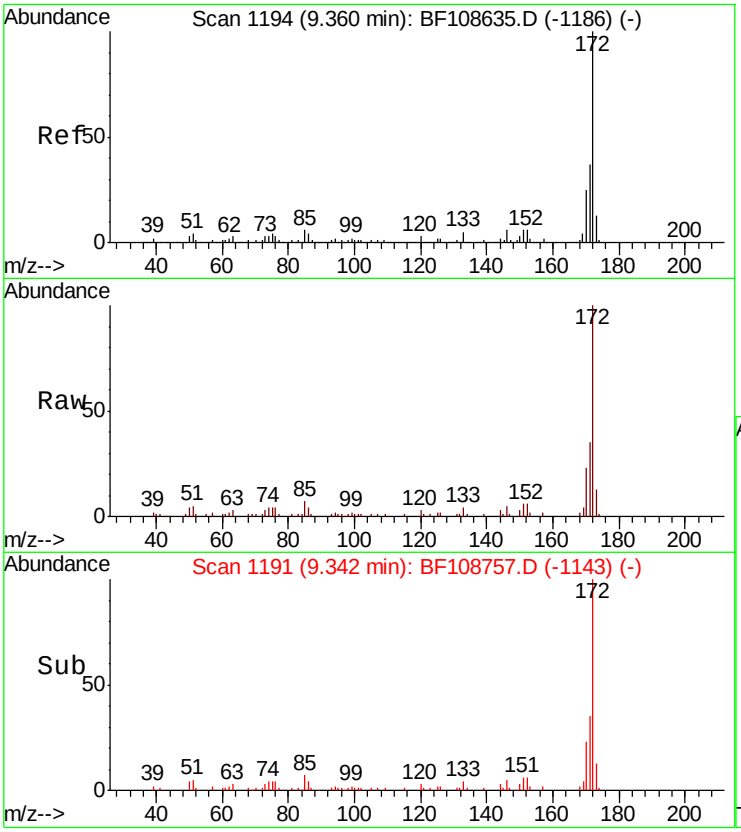


#41
2,4,6-Tribromophenol
Concen: 15.273 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:330 Resp: 25867

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.1	29.9	44.9



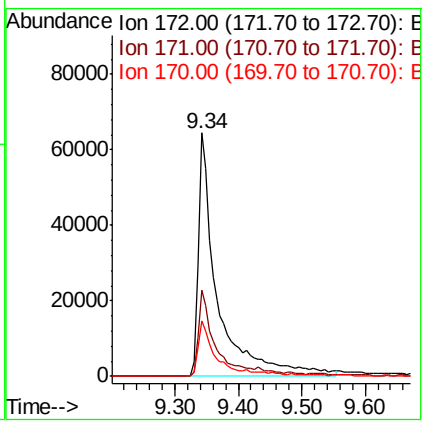


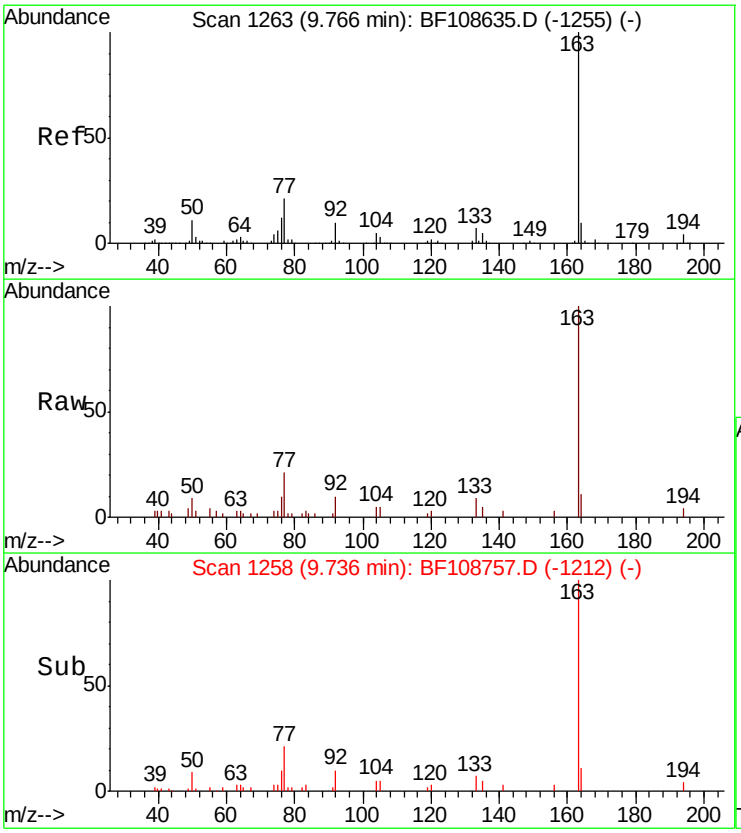
#44
2-Fluorobiphenyl
Concen: 14.091 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 134449

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.6	19.6	29.4

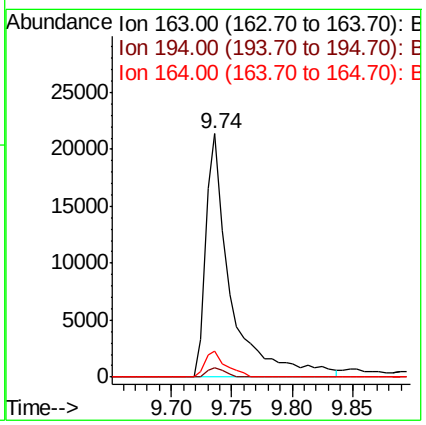


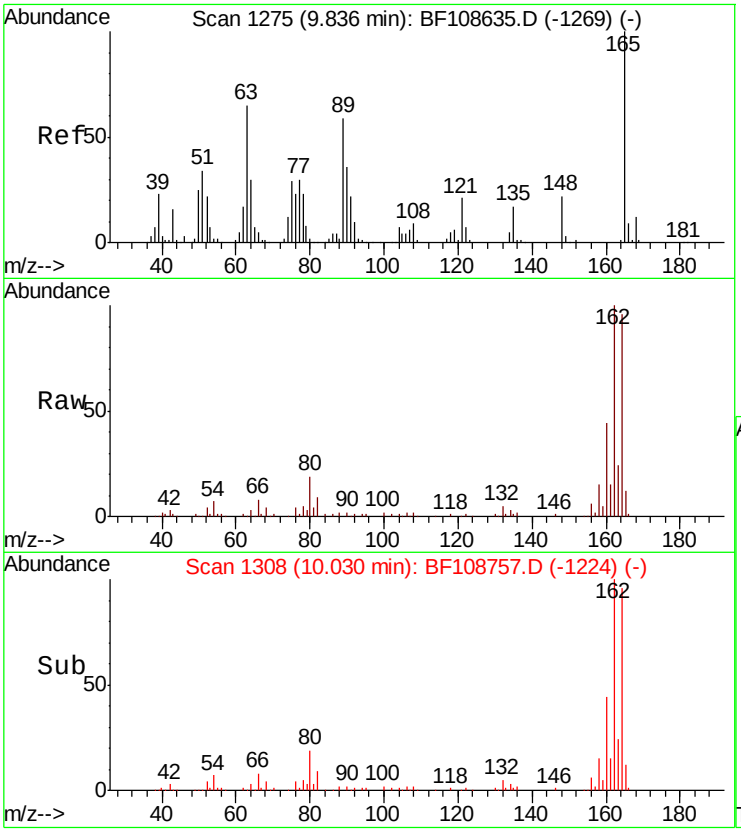


#49
Dimethylphthalate
Concen: 3.013 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:163 Resp: 30434

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.7	8.2	12.2



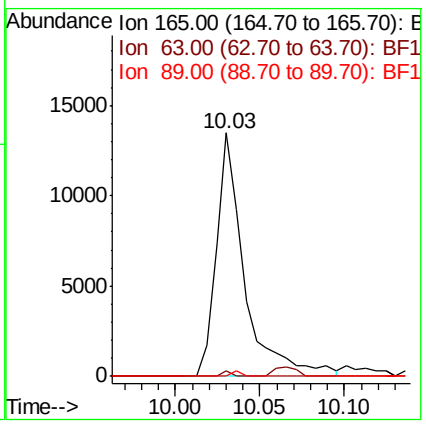


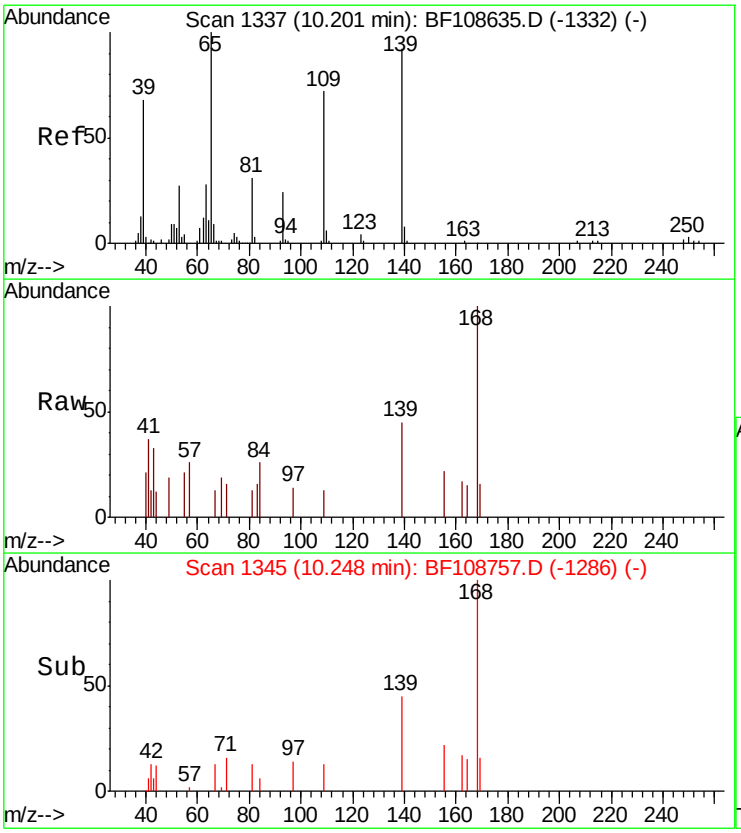
#50
2,6-Dinitrotoluene
Concen: 7.039 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.19 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15674

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	0.0	44.0	66.0#

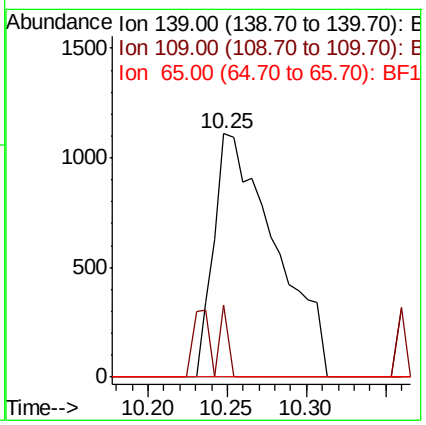


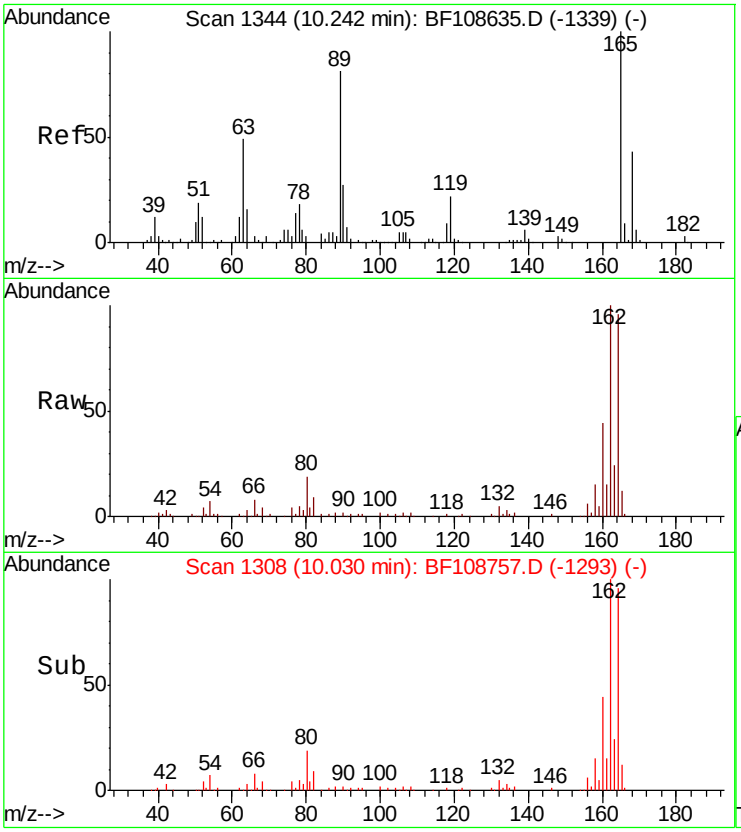


#55
4-Nitrophenol
Concen: 6.585 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.05 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:139 Resp: 2982

Ion	Ratio	Lower	Upper
139	100		
109	29.6	48.4	88.4#
65	0.0	72.6	112.6#



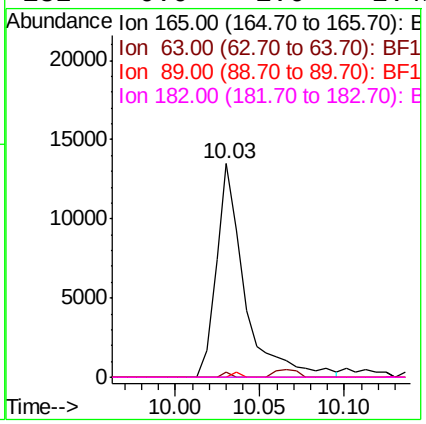


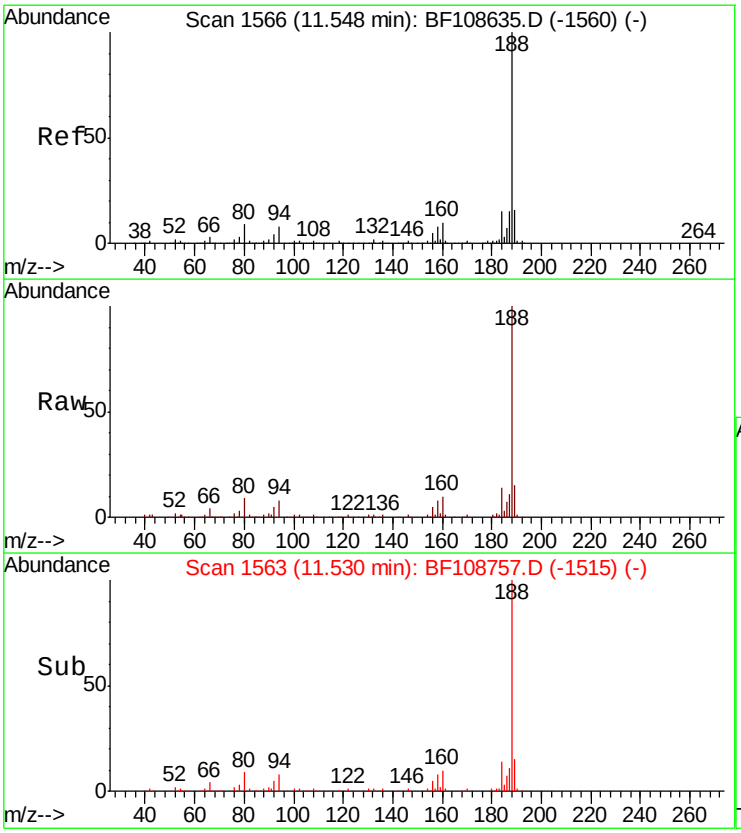
#56
2,4-Dinitrotoluene
Concen: 5.316 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15674

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

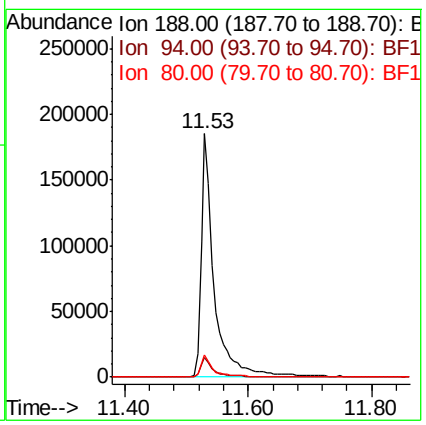


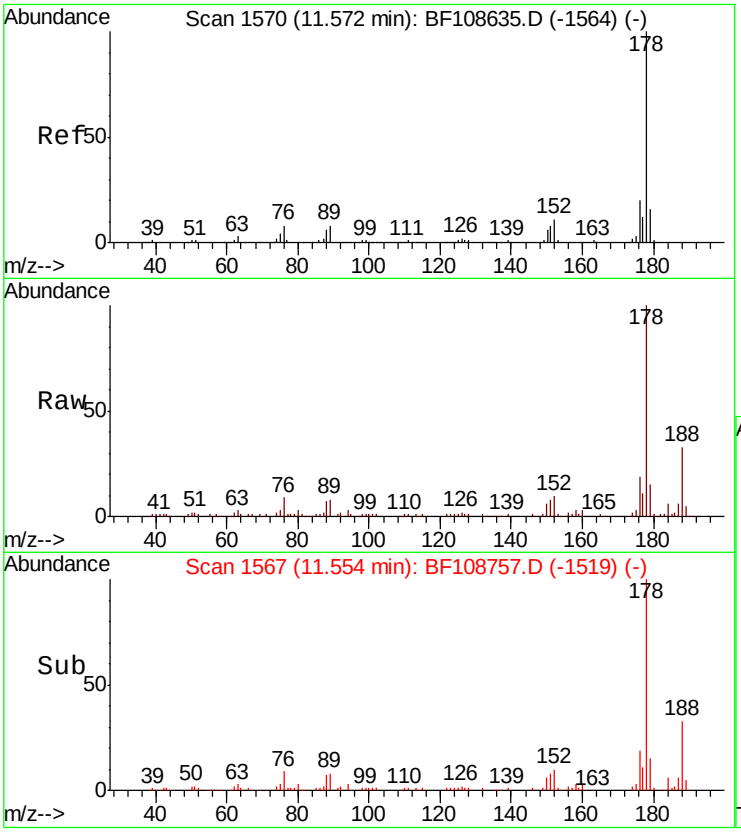


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:188 Resp: 274188

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.9	9.2	13.8#



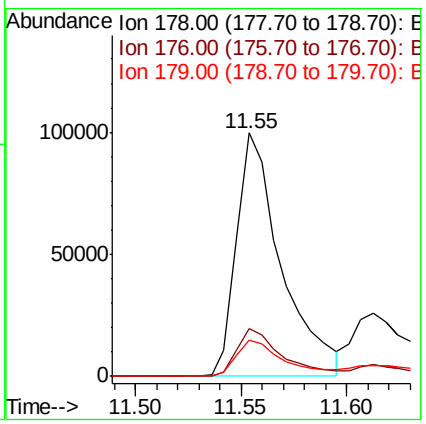


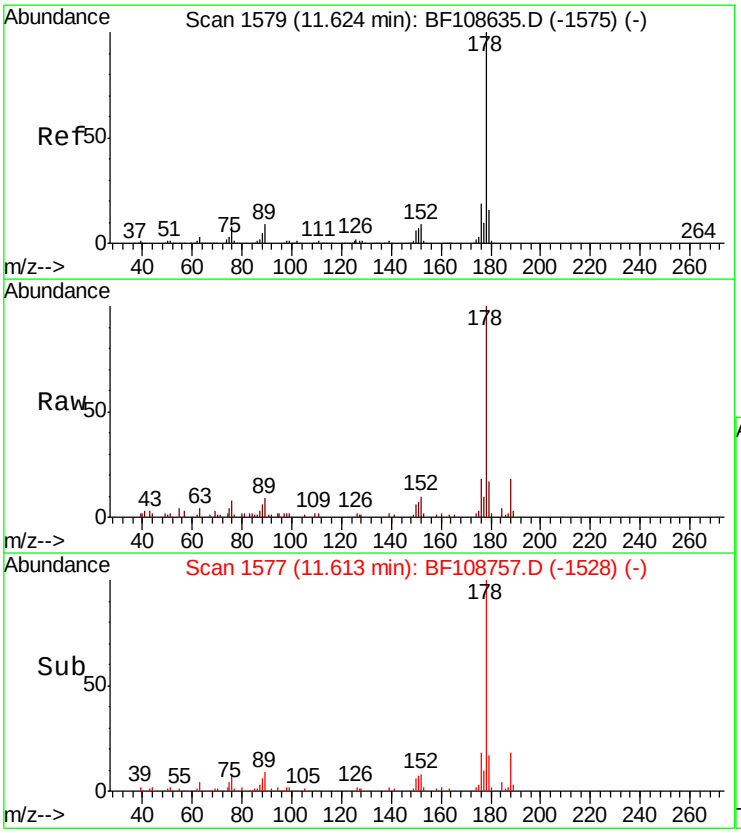
#70
Phenanthrene
Concen: 10.628 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 147084

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.9	13.0	19.6

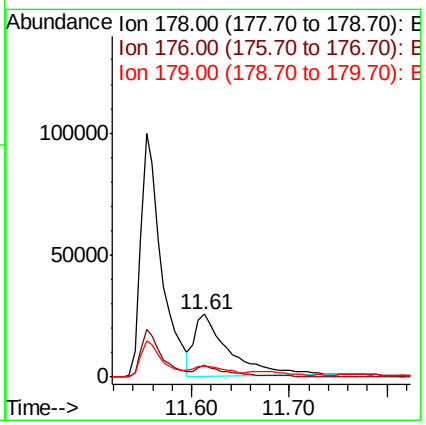


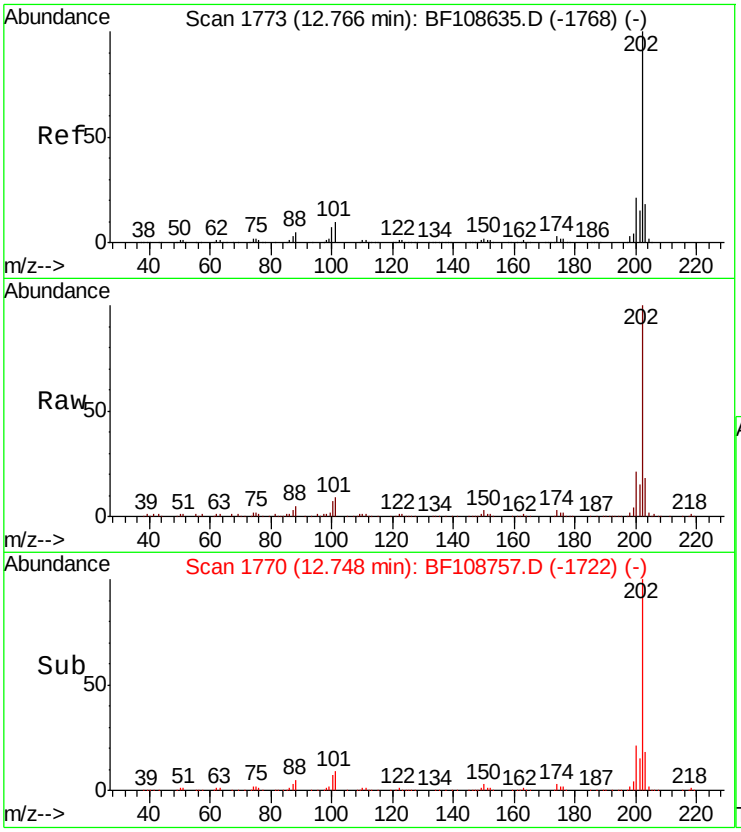


#71
Anthracene
Concen: 4.267 ng
RT: 11.61 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:178 Resp: 62053

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.6	12.6	19.0



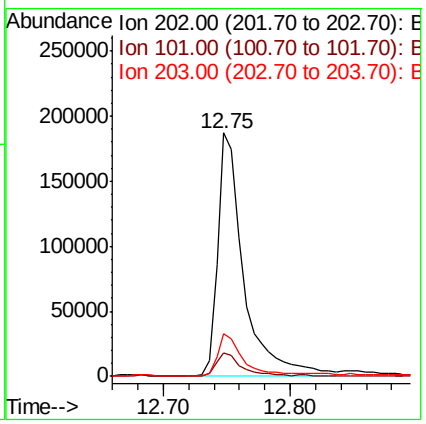


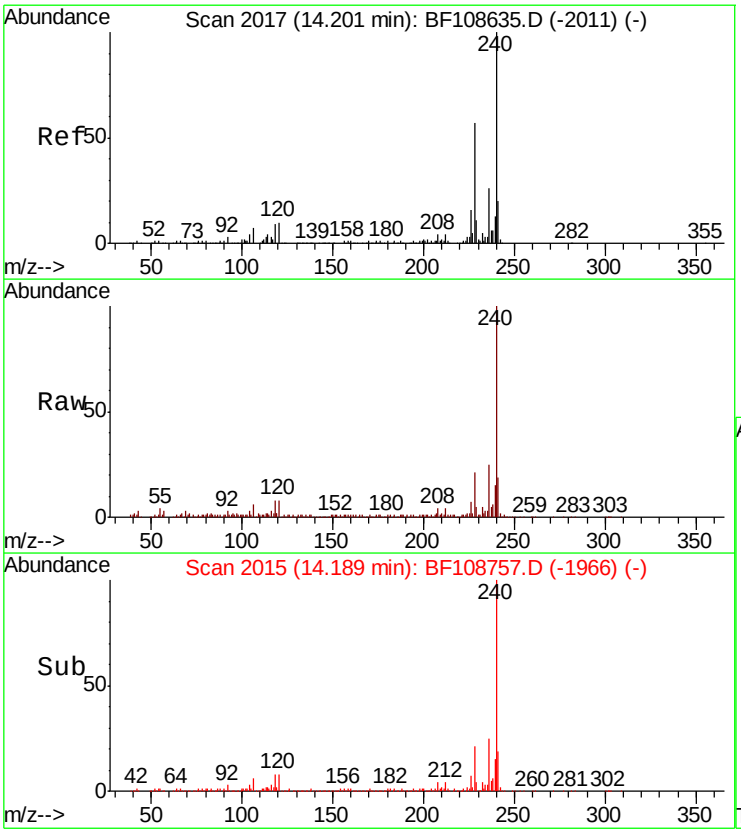
#74
Fluoranthene
Concen: 17.168 ng
RT: 12.75 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 267442

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.1
203	17.7	0.0	38.1

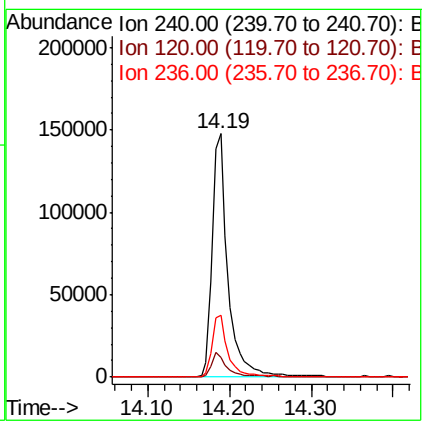


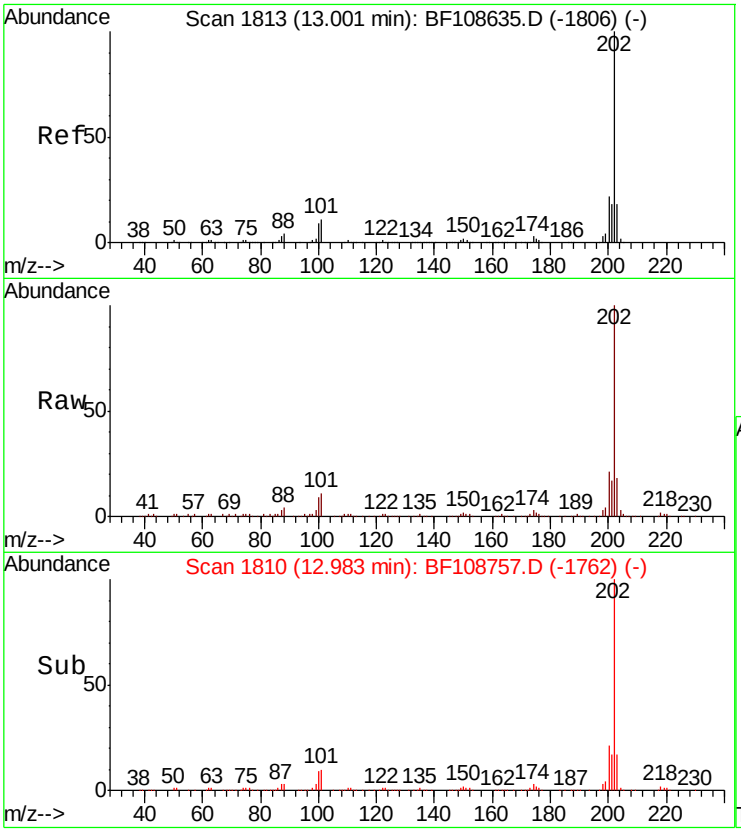


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:240 Resp: 199225

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	25.3	20.7	31.1



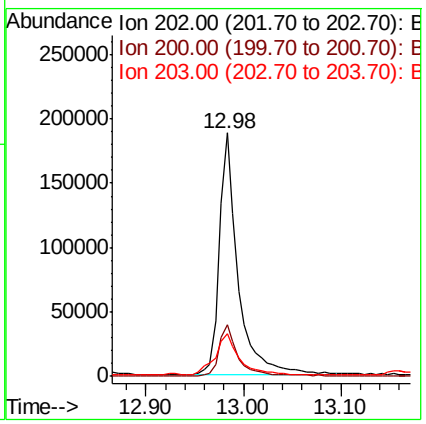


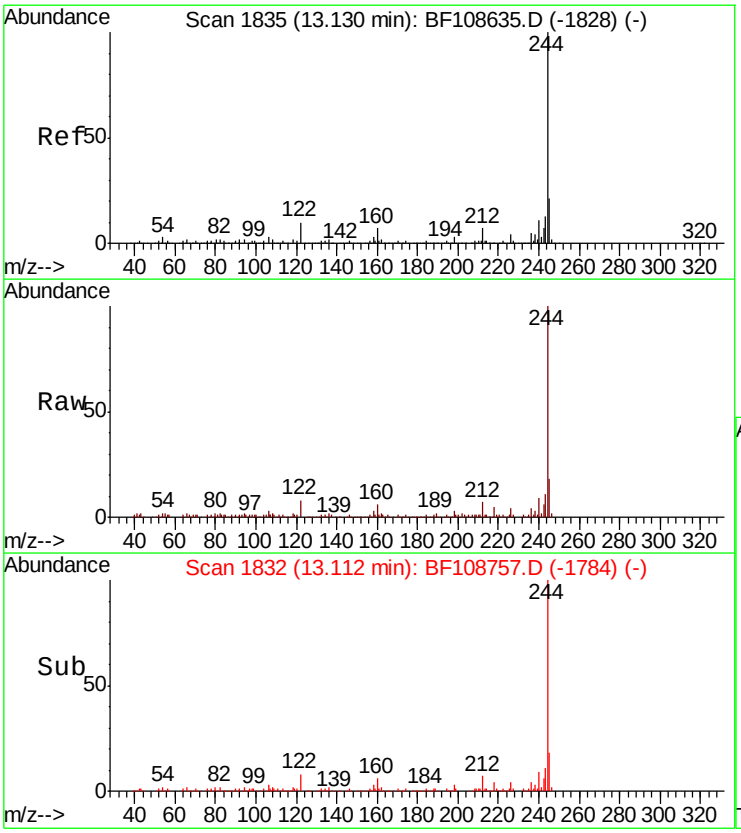
#77
Pyrene
Concen: 16.783 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 251341

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

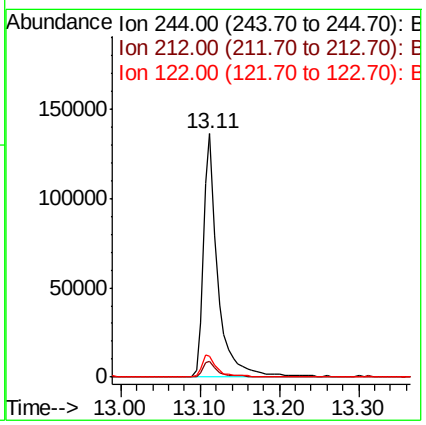


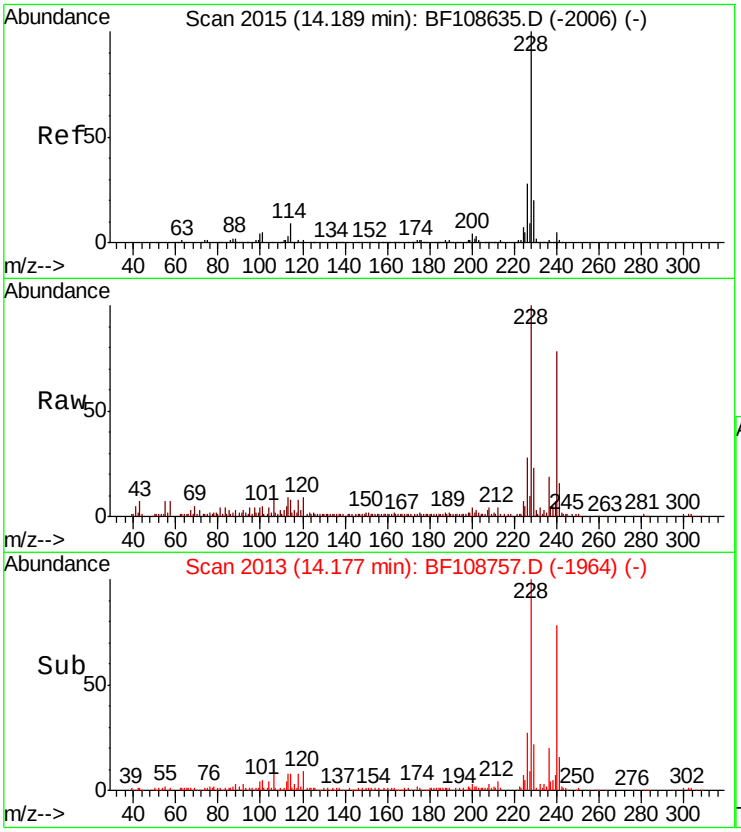


#78
Terphenyl-d14
Concen: 16.876 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:244 Resp: 173040

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.4	11.0	16.4#



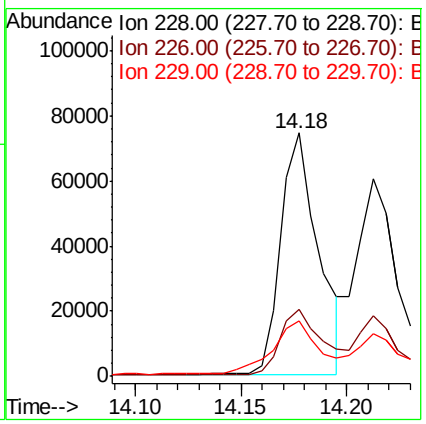


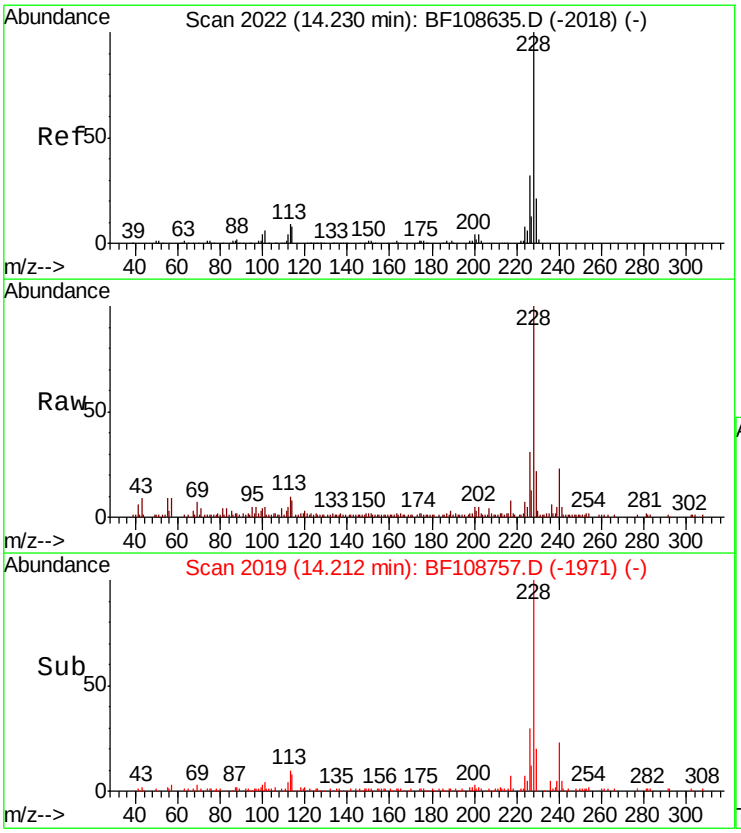
#80
Benzo(a)anthracene
Concen: 7.677 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 93243

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	22.6	15.8	23.6

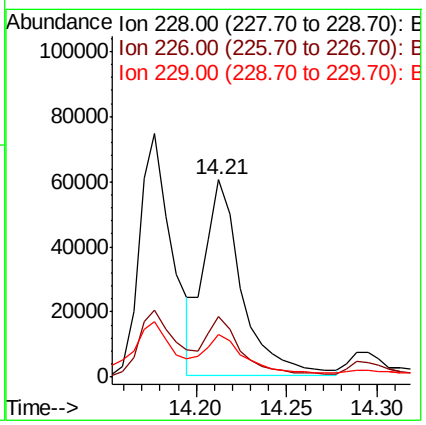


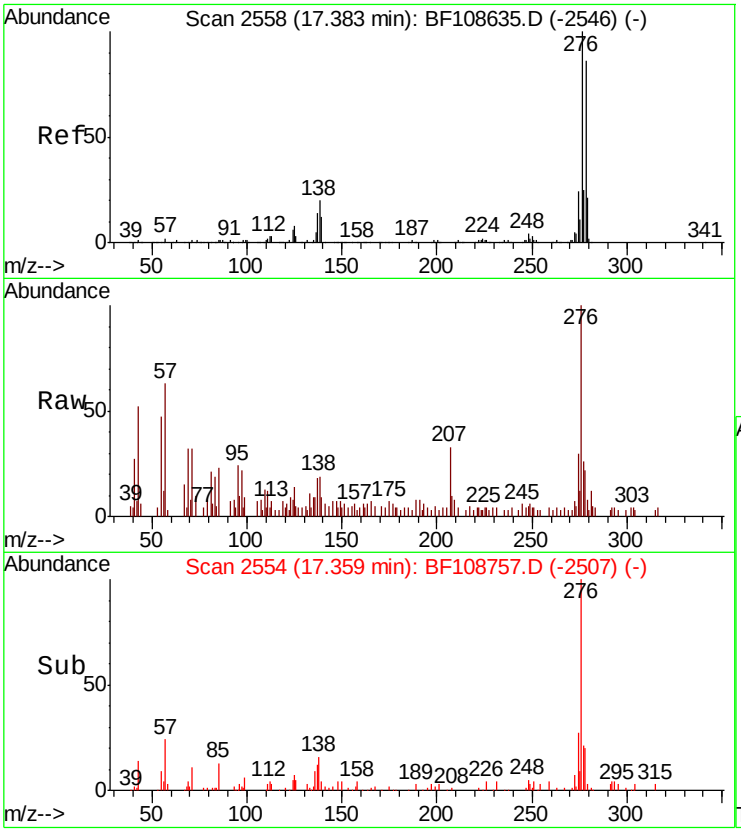


#82
Chrysene
Concen: 7.542 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:228 Resp: 88087

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.5	16.2	24.4



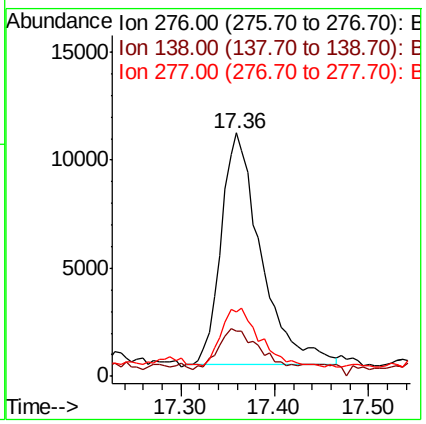


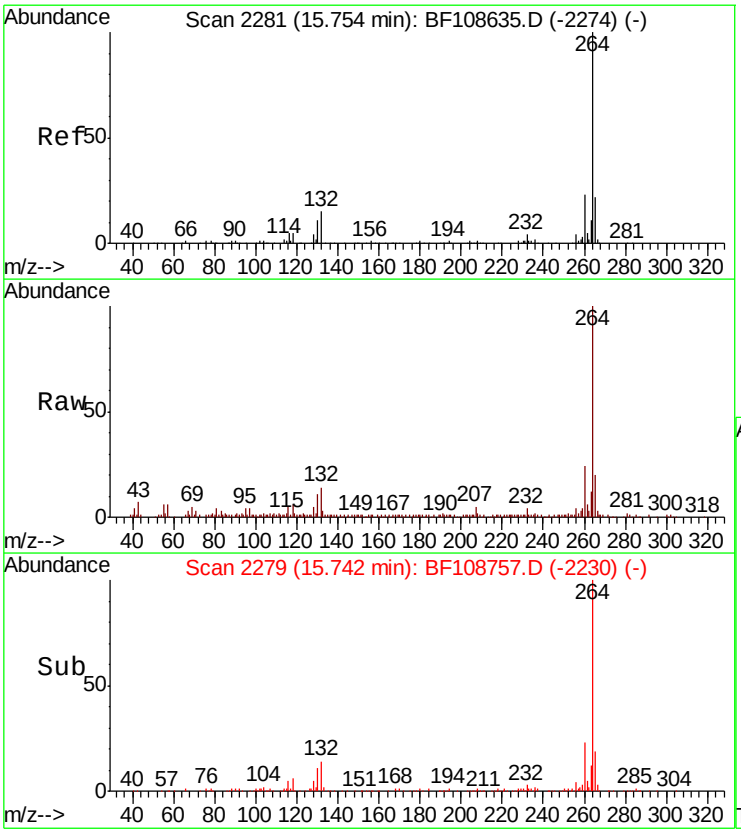
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.888 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31573

Ion	Ratio	Lower	Upper
276	100		
138	17.6	25.0	37.6#
277	24.4	20.1	30.1

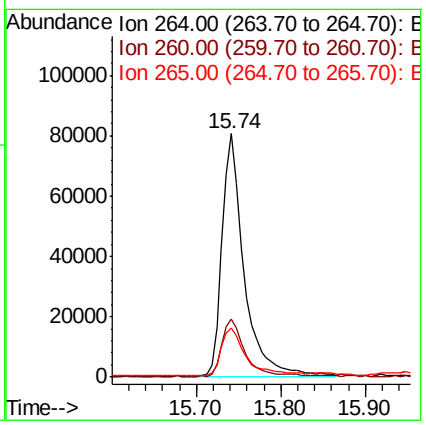


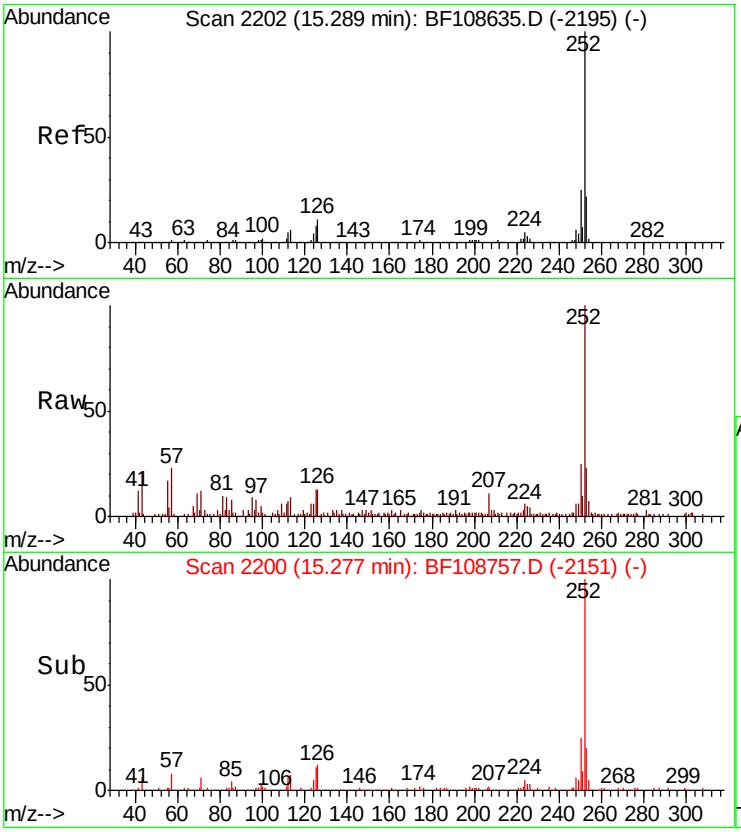


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:264 Resp: 147676

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	19.9	17.5	26.3



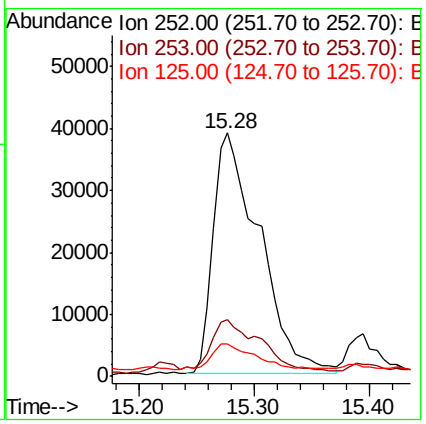


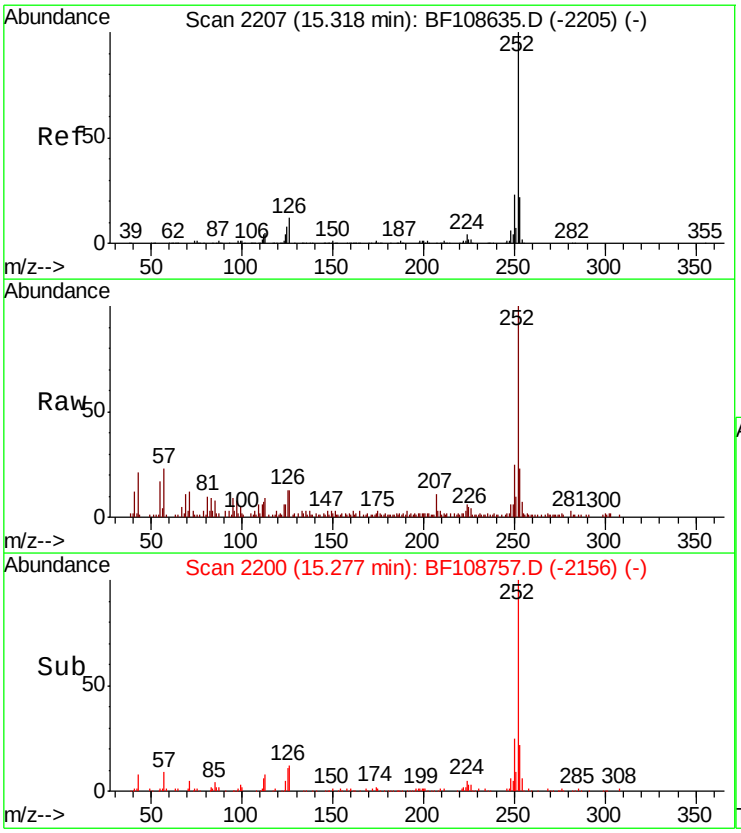
#87
Benzo(b)fluoranthene
Concen: 11.936 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 108280

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.4	9.0	13.6

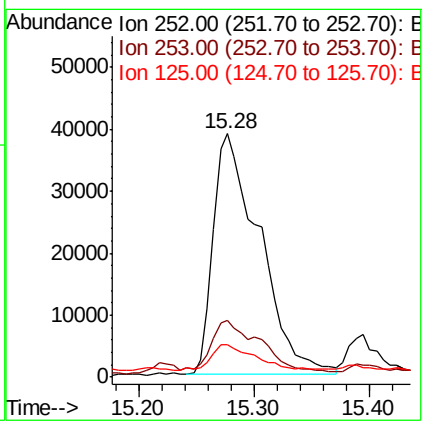


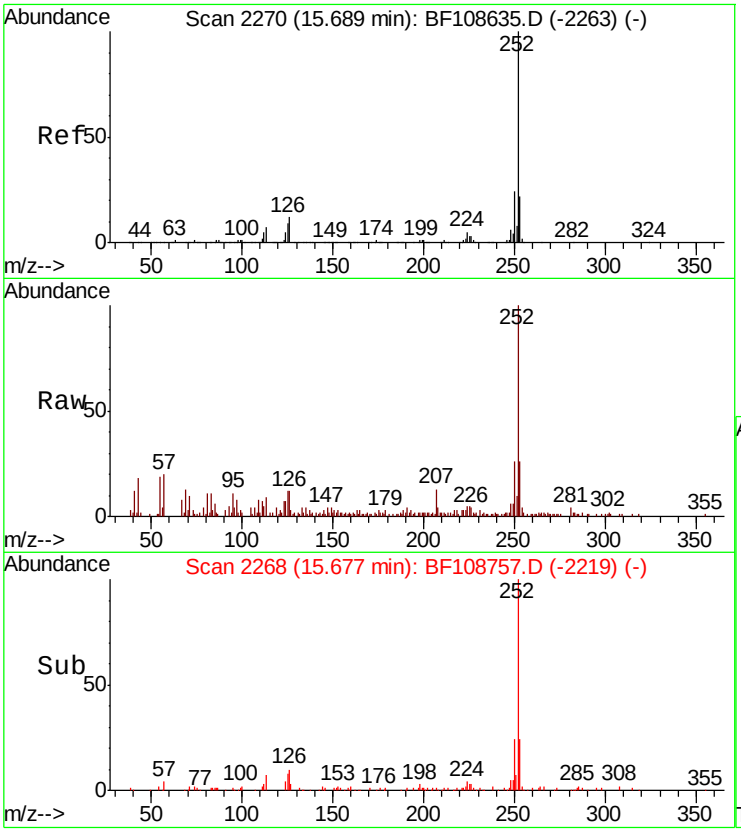


#88
Benzo(k)fluoranthene
Concen: 12.049 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:252 Resp: 108280

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.4	10.2	15.2



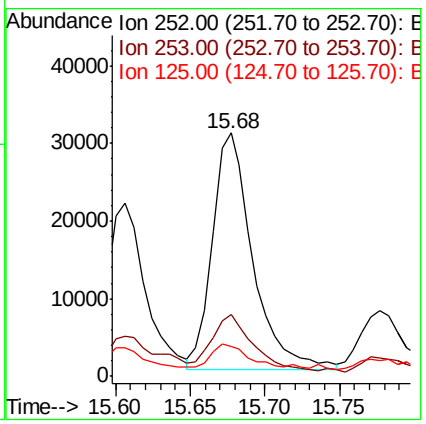


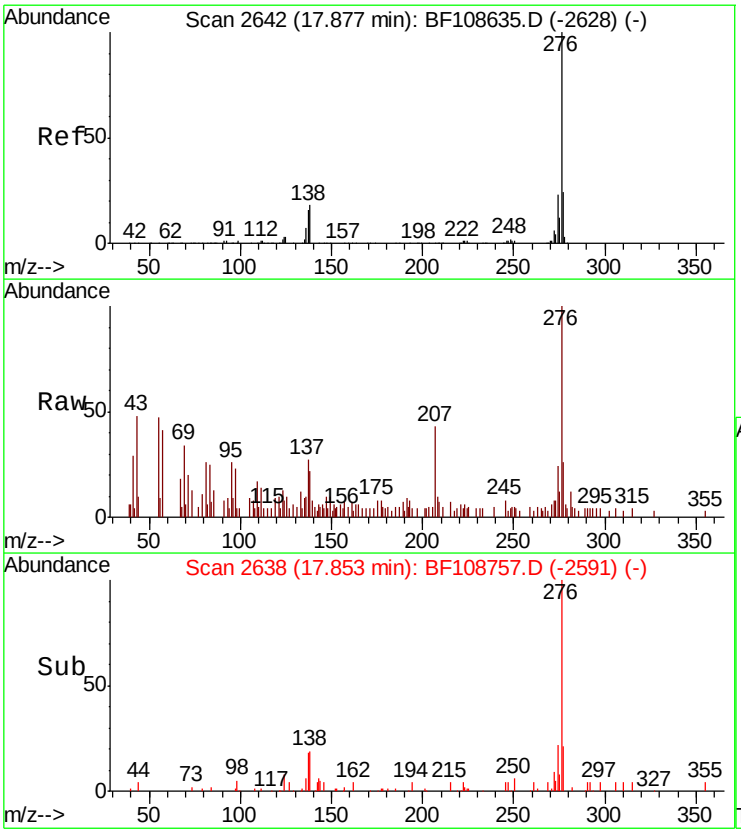
#89
Benzo(a)pyrene
Concen: 7.024 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57584

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	12.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.600 ng
RT: 17.85 min Scan# 2638
Delta R.T. -0.02 min
Lab File: BF108757.D
Acq: 4 Sep 2018 22:38

Tgt Ion:276 Resp: 35639

Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	22.1	21.8	32.8