Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108744.D
Acq On : 4 Sep 2018 16:46
Operator : JU/SJ
Sample : J4712-06RE 4X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 03:10:47 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	76367	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	338369	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	165246	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	336281	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	262804	20.00	ng		-0.01
86) Perylene-d12	15.75	264	198570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	11313	2.57	ng		0.03
7) Phenol-d6	6.65	99	54740	8.69	ng		0.00
23) Nitrobenzene-d5	7.60	82	46591	6.99	ng		0.02
41) 2,4,6-Tribromophenol	10.84	330	26648	12.22	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	139084	11.32	ng		-0.02
78) Terphenyl-d14	13.11	244	157403	11.64	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.60	82	46591	4.207	ng	#	64
48) Acenaphthylene	9.90	152	84193	5.106	ng		99
50) 2,6-Dinitrotoluene	10.03	165	20272	7.068	ng	#	27
55) 4-Nitrophenol	10.26	139	325	4.914	ng	#	9
56) 2,4-Dinitrotoluene	10.03	165	20625	5.431	ng	#	24
70) Phenanthrene	11.55	178	70180	4.135	ng		99
71) Anthracene	11.61	178	81990	4.597	ng		99
74) Fluoranthene	12.75	202	382064	19.997	ng		93
77) Pyrene	12.98	202	382439	19.359	ng		100
80) Benzo(a)anthracene	14.18	228	274781	17.151	ng		97
82) Chrysene	14.22	228	207333	13.457	ng		98
85) Indeno(1,2,3-cd)pyrene	17.37	276	163434	15.256	ng	#	82
87) Benzo(b)fluoranthene	15.28	252	465165	38.135	ng		98
88) Benzo(k)fluoranthene	15.28	252	465165	38.496	ng	#	96
89) Benzo(a)pyrene	15.61	252	145188	13.171	ng		98
90) Dibenzo(a,h)anthracene	17.37	278	35185	3.996	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	143501	16.770	ng	#	86

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

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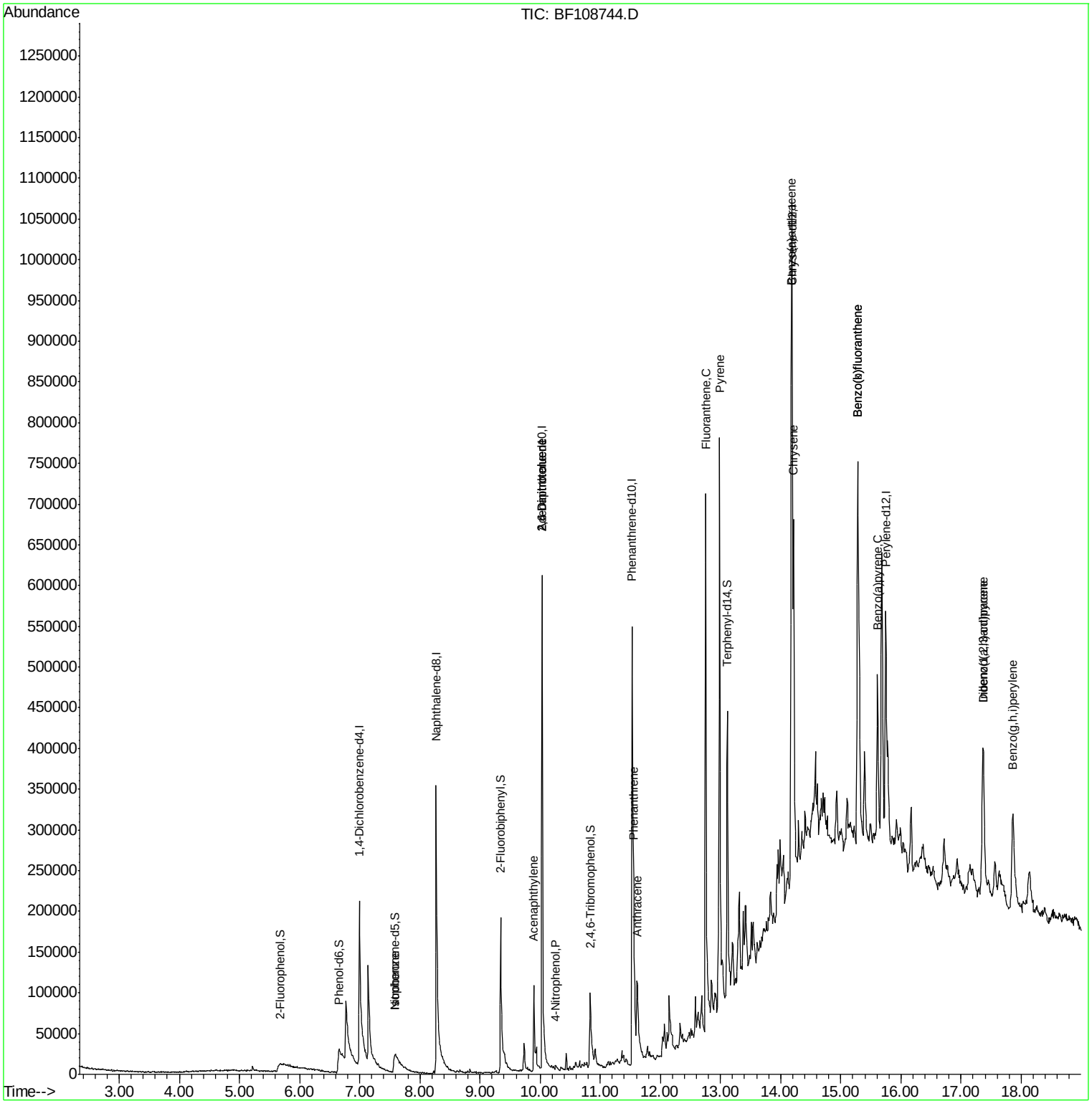
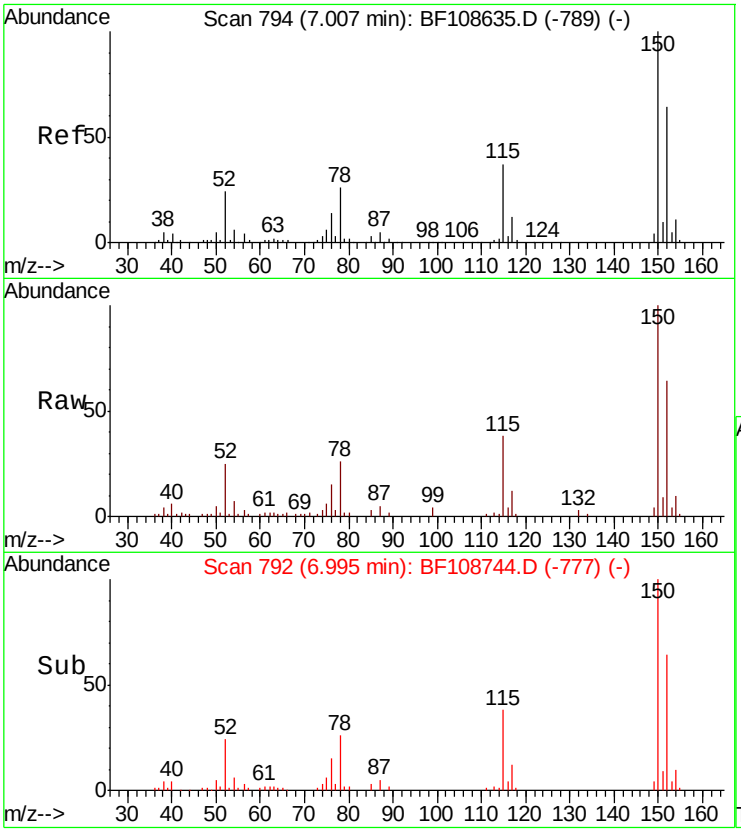


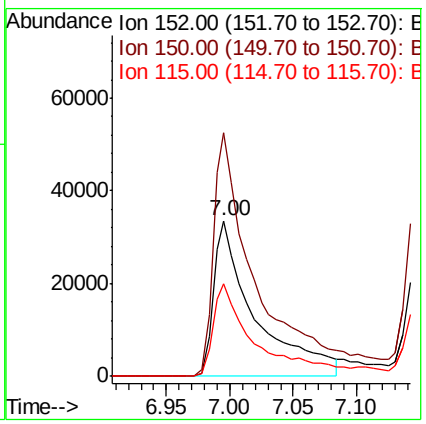


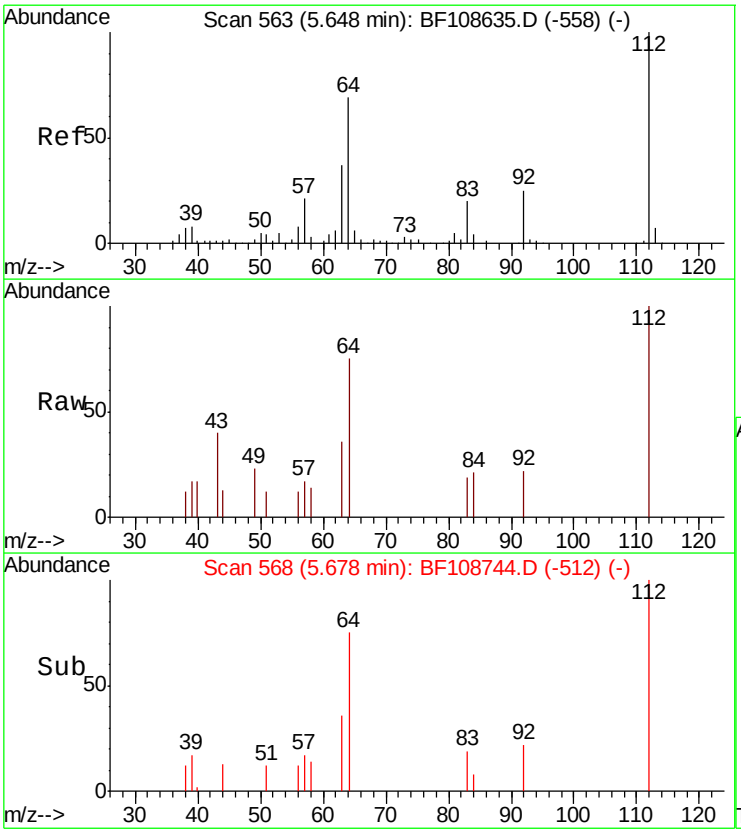
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76367

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.3	50.1	75.1

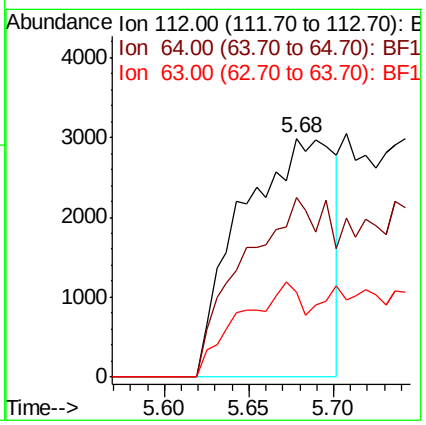


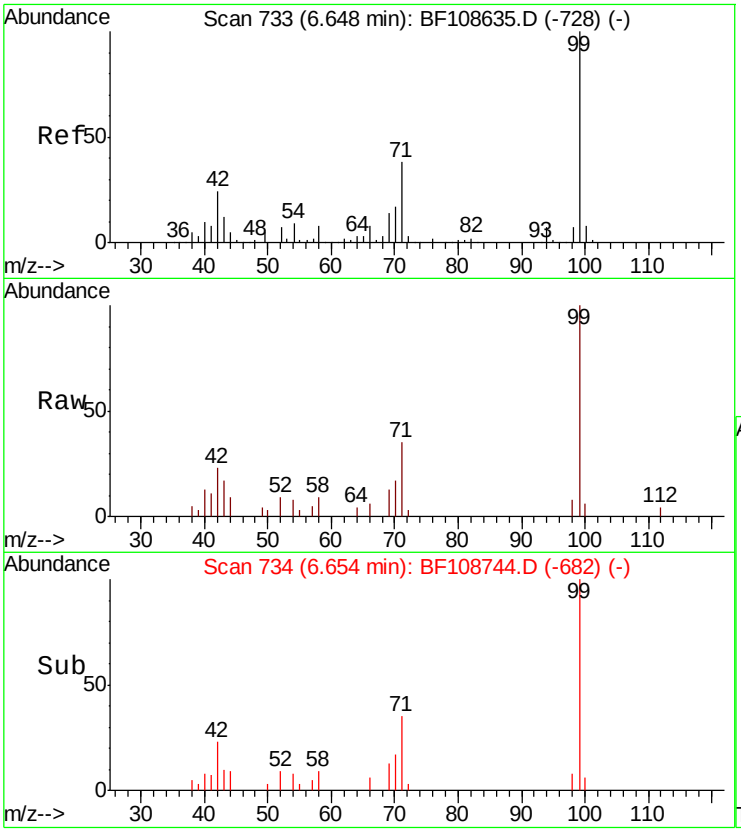


#5
2-Fluorophenol
Concen: 2.573 ng
RT: 5.68 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:112 Resp: 11313

Ion	Ratio	Lower	Upper
112	100		
64	75.4	47.9	71.9#
63	35.7	23.7	35.5#



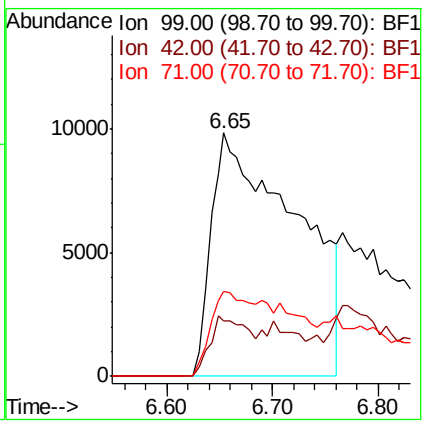


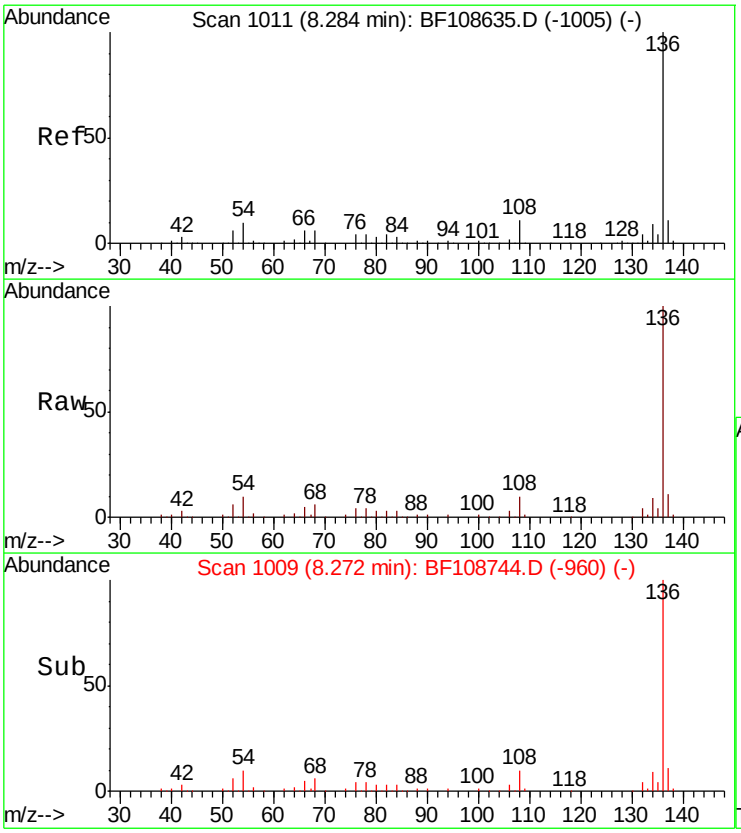
#7
Phenol-d6
Concen: 8.694 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 54740

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	34.8	25.4	38.0

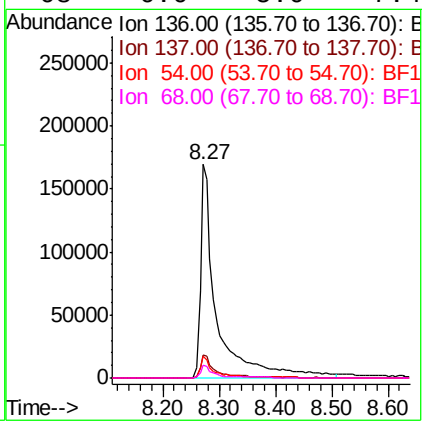


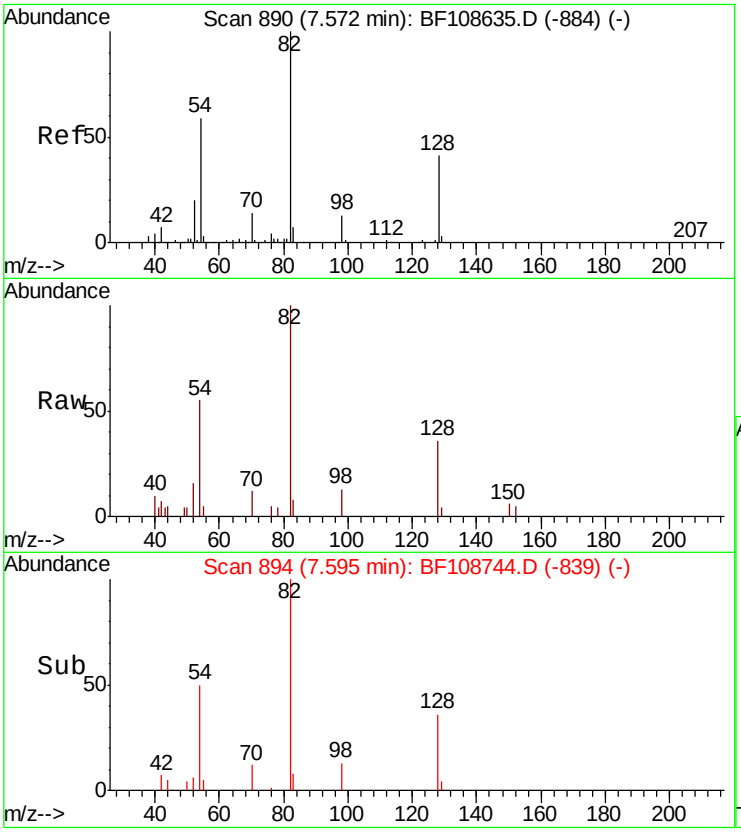


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:136 Resp: 338369

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	6.6	9.8#
68	6.0	5.0	7.4



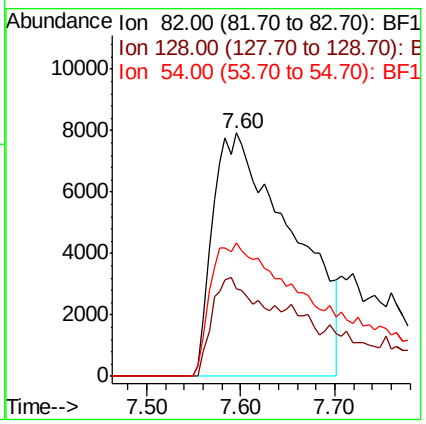


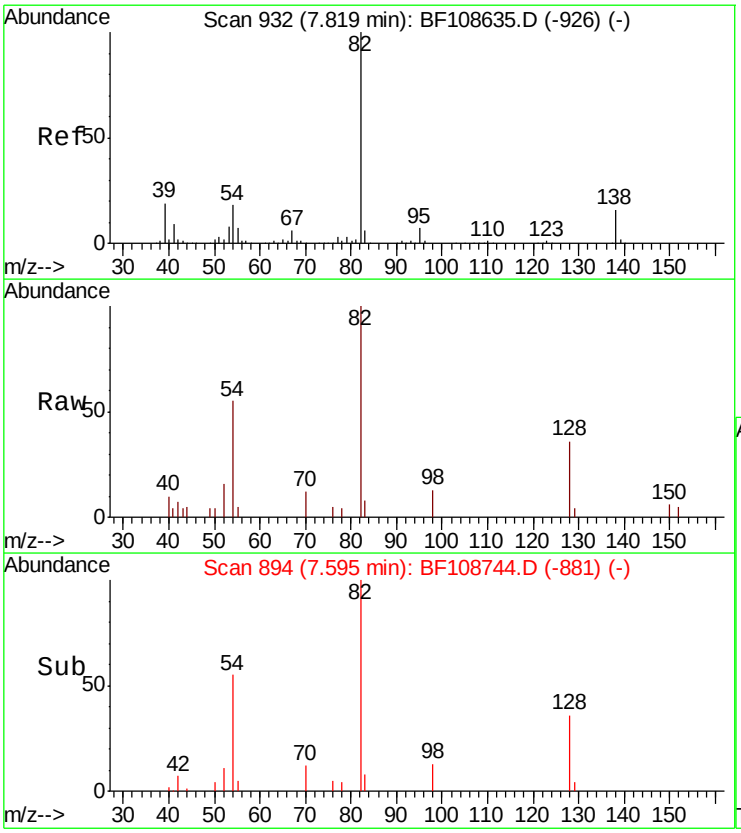
#23
Nitrobenzene-d5
Concen: 6.989 ng
RT: 7.60 min Scan# 894
Delta R.T. 0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 46591

Ion	Ratio	Lower	Upper
82	100		
128	35.7	36.1	54.1#
54	54.7	41.4	62.2

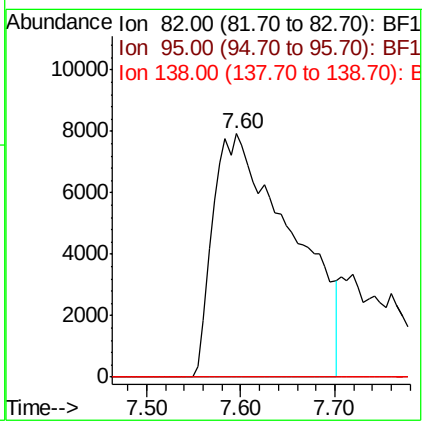


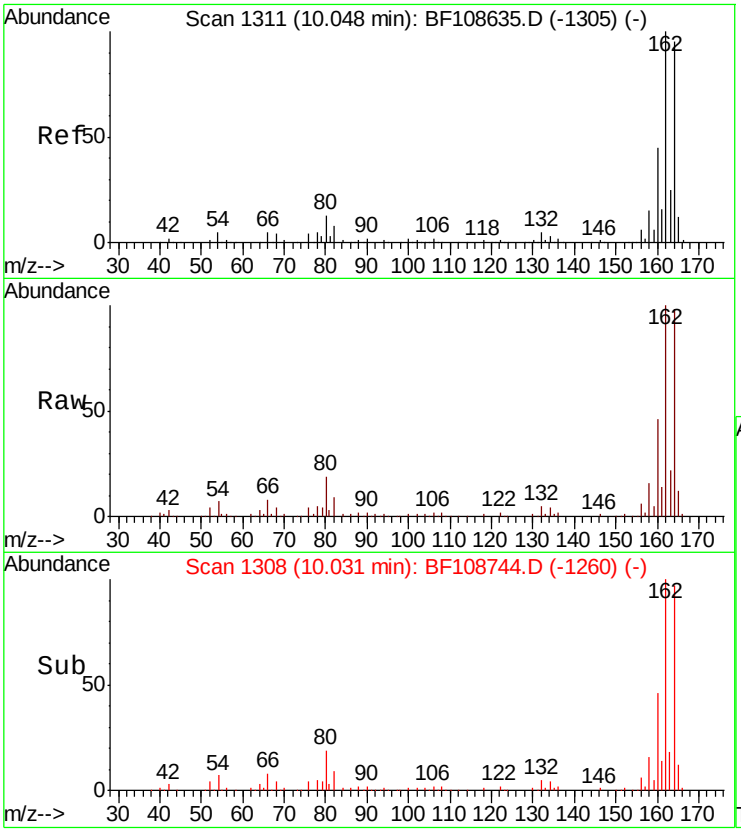


#25
Isophorone
Concen: 4.207 ng
RT: 7.60 min Scan# 894
Delta R.T. -0.22 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion: 82 Resp: 46591

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



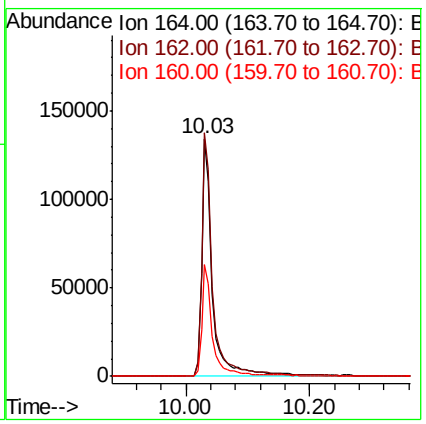


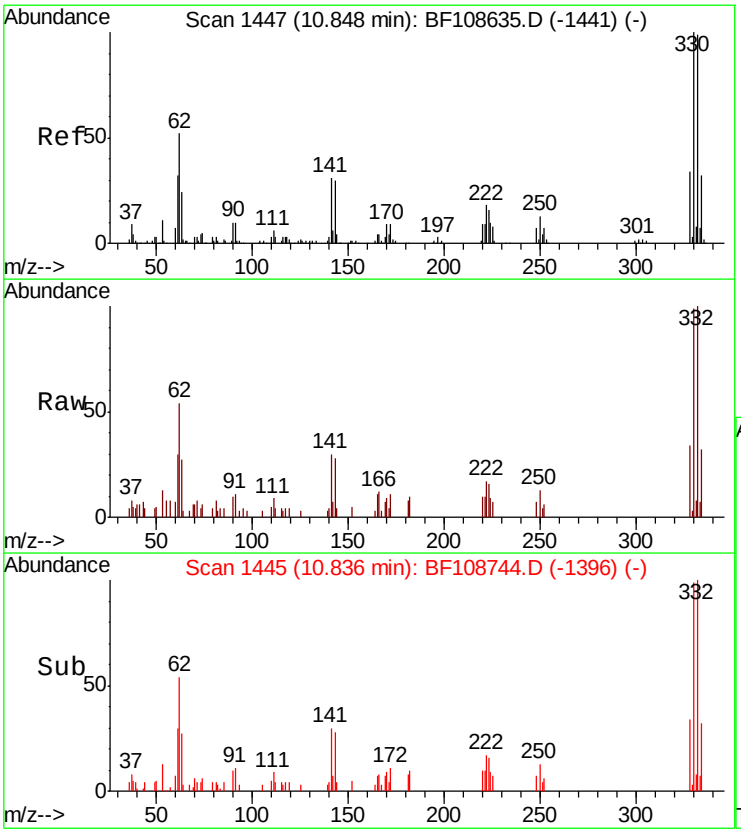
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 165246

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.1	38.3	57.5

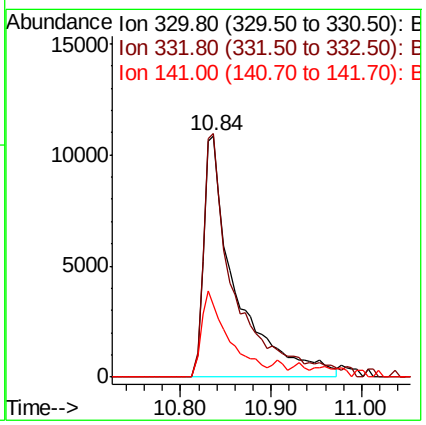


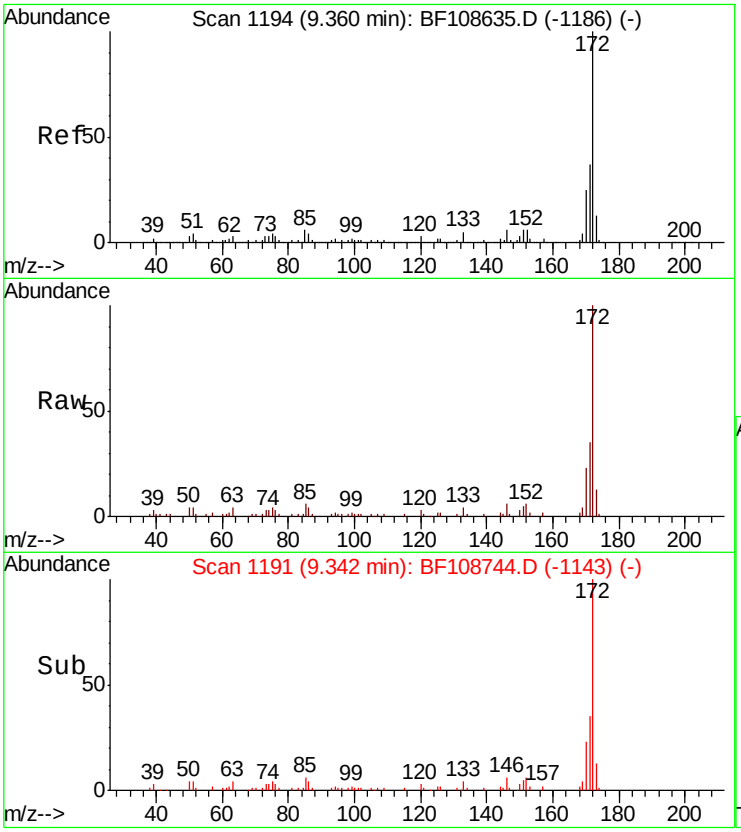


#41
2,4,6-Tribromophenol
Concen: 12.216 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:330 Resp: 26648

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	30.8	29.9	44.9



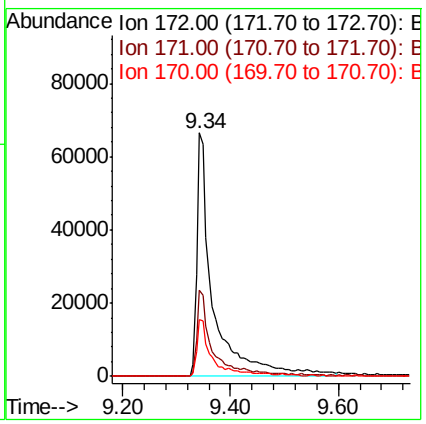


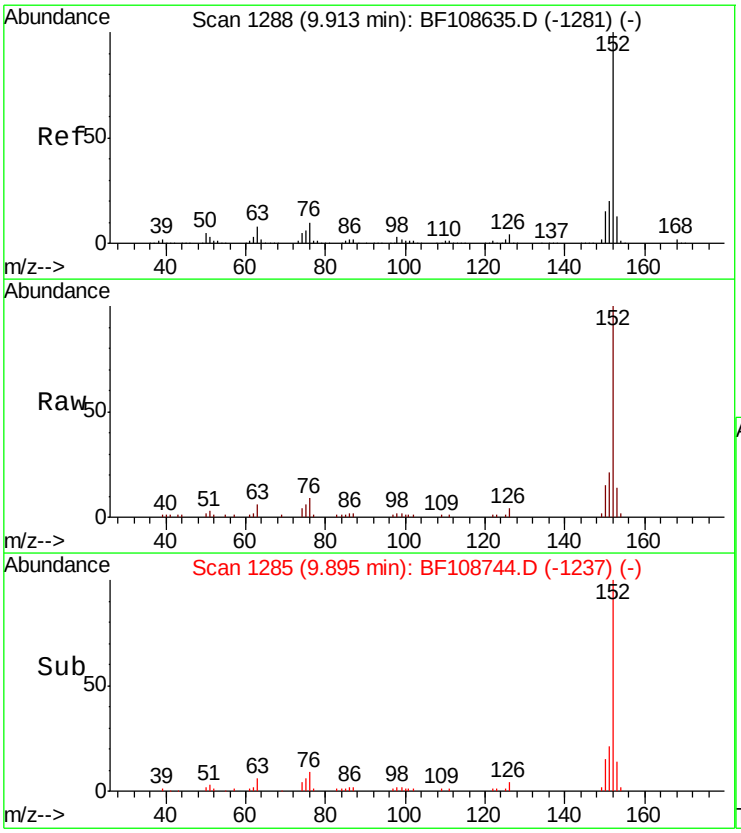
#44
2-Fluorobiphenyl
Concen: 11.317 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 139084

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4

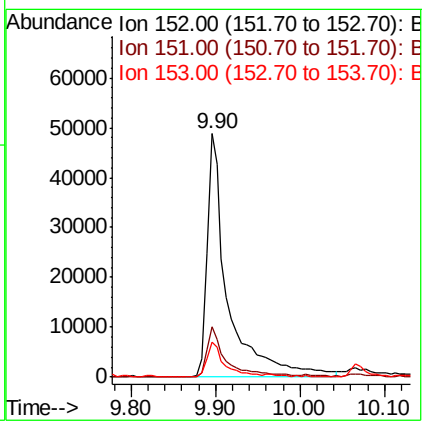


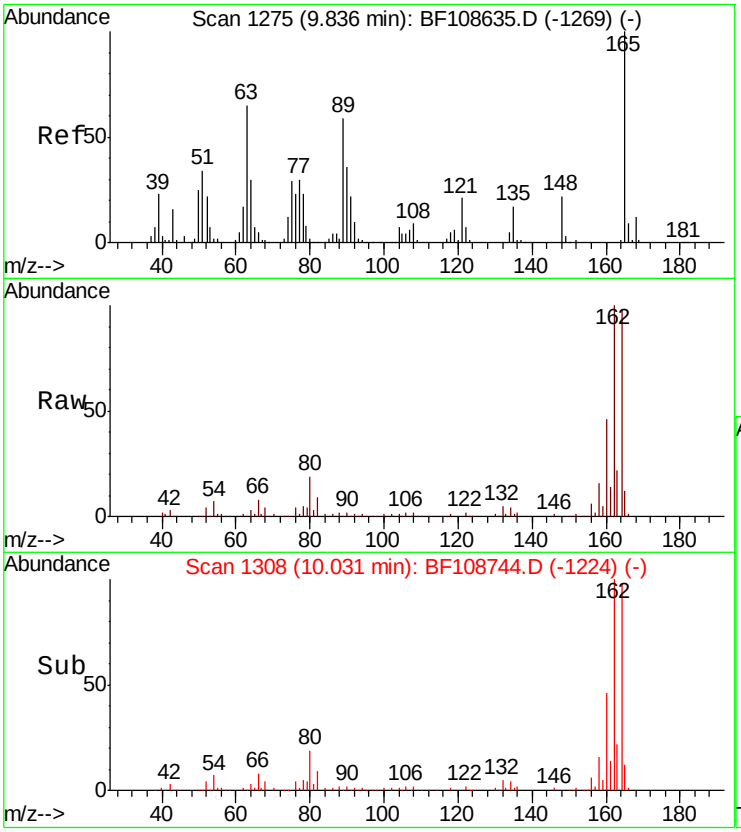


#48
Acenaphthylene
Concen: 5.106 ng
RT: 9.90 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:152 Resp: 84193

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.3	10.7	16.1



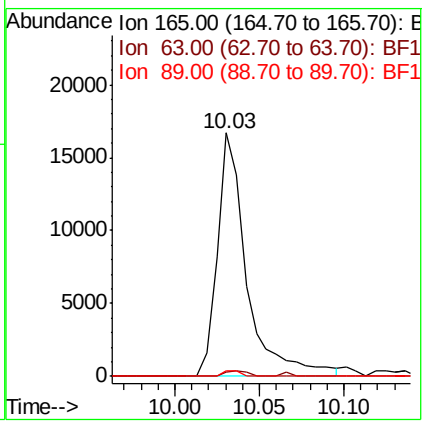


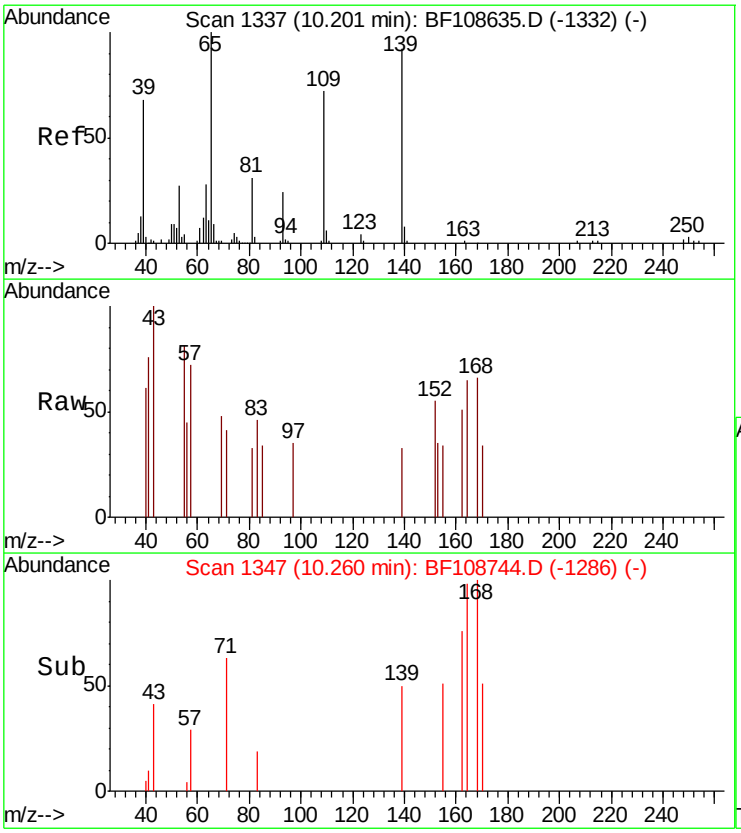
#50
2,6-Dinitrotoluene
Concen: 7.068 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.19 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20272

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.3	44.0	66.0#

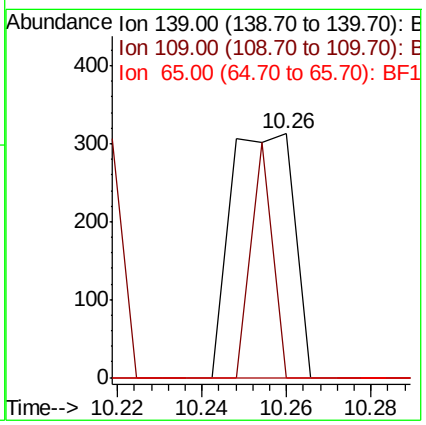


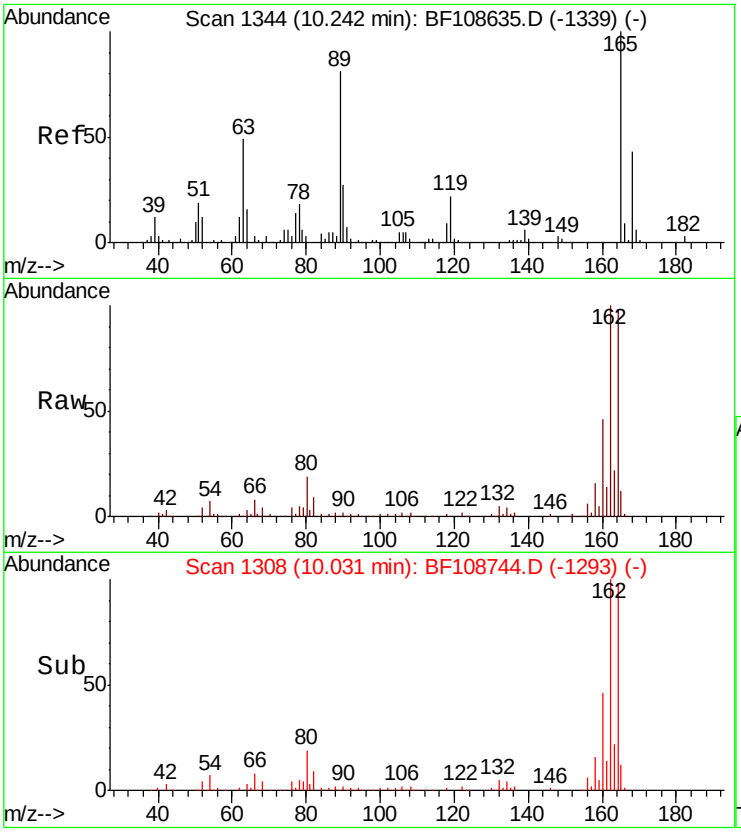


#55
4-Nitrophenol
Concen: 4.914 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.06 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:139 Resp: 325

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



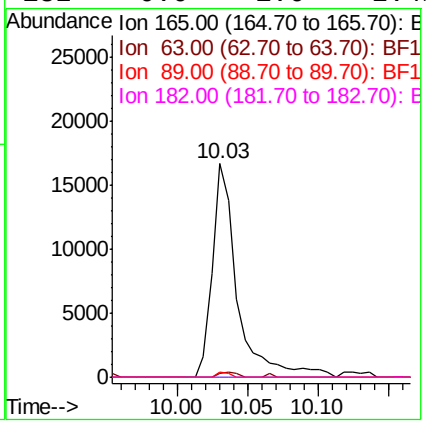


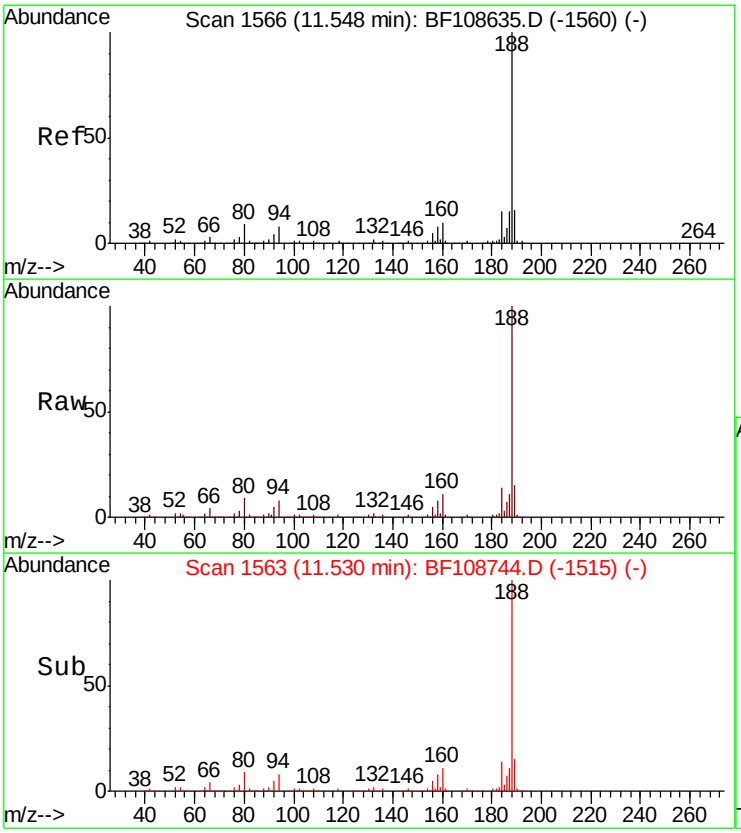
#56
2,4-Dinitrotoluene
Concen: 5.431 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20625

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

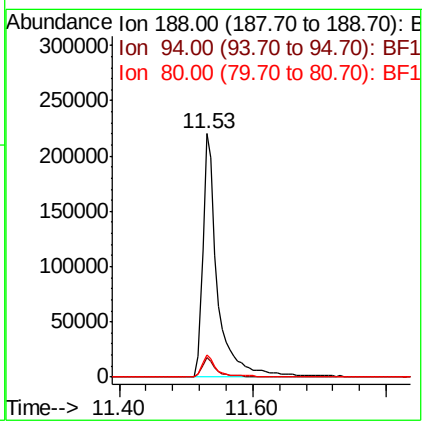


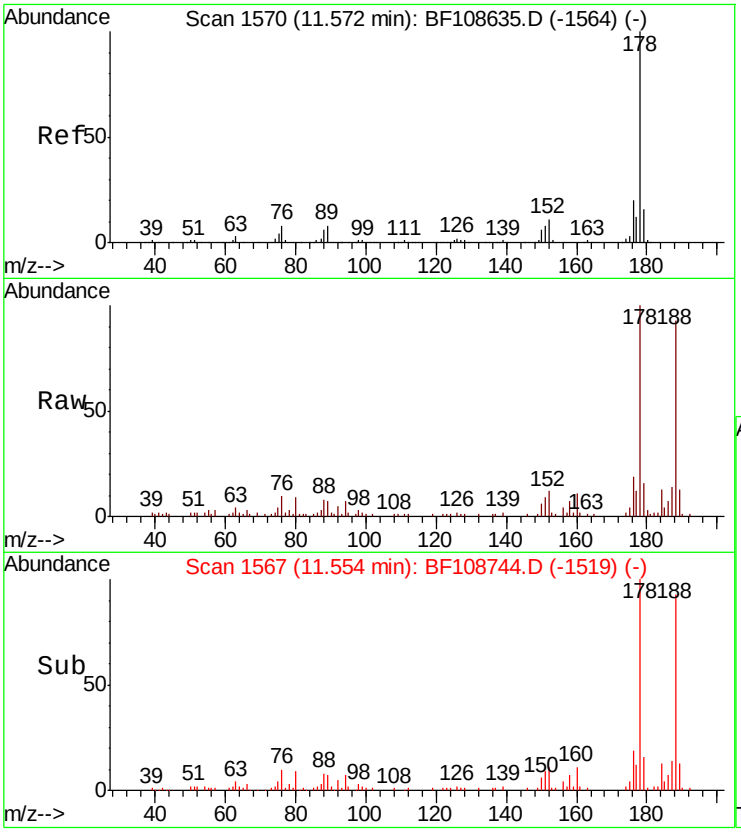


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:188 Resp: 336281

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.3	9.2	13.8



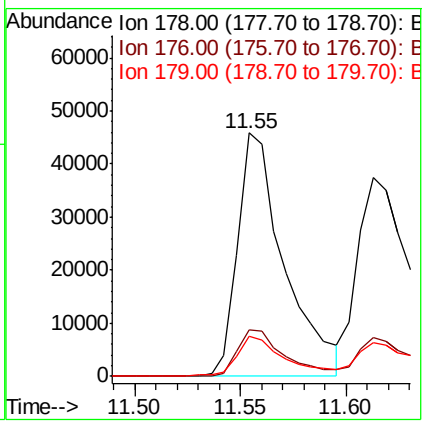


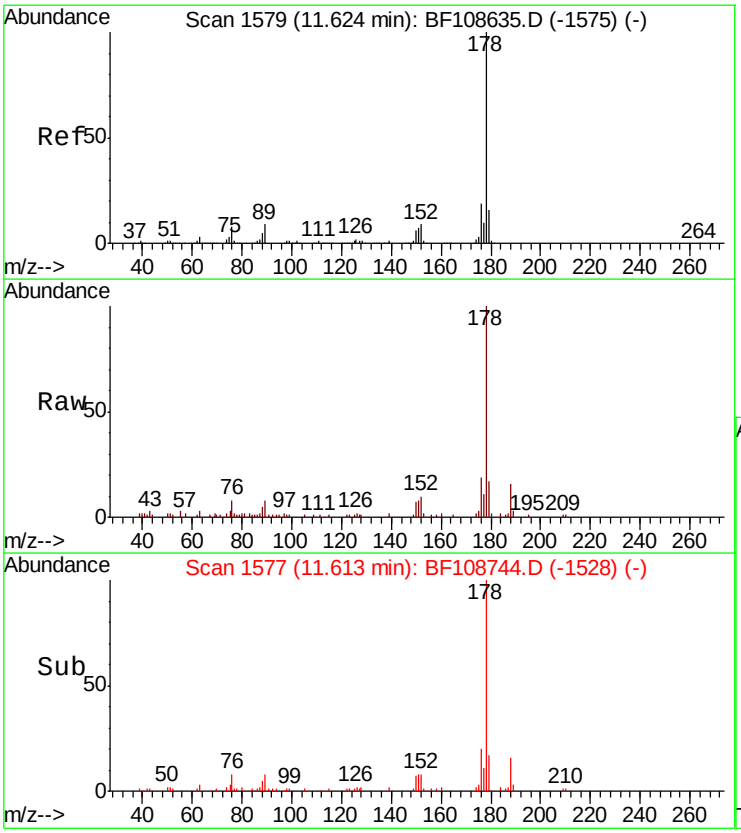
#70
Phenanthrene
Concen: 4.135 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 70180

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.4	13.0	19.6

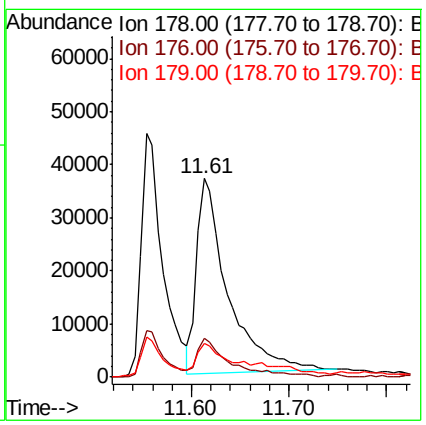


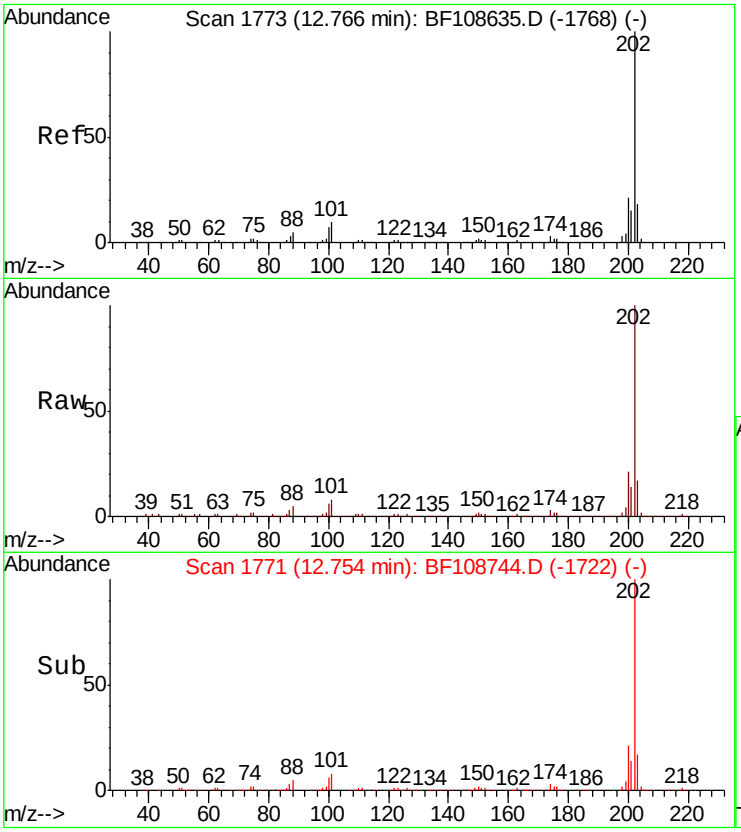


#71
Anthracene
Concen: 4.597 ng
RT: 11.61 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:178 Resp: 81990

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.7	12.6	19.0



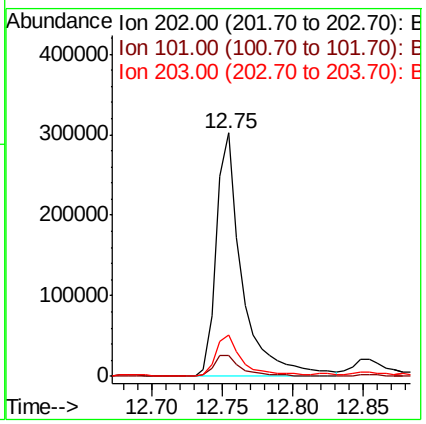


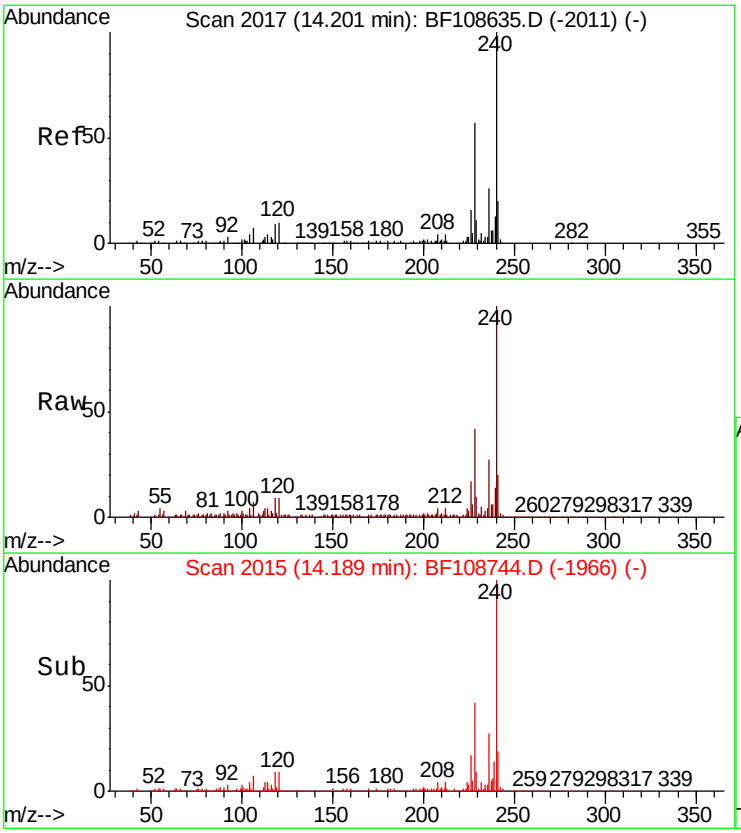
#74
Fluoranthene
Concen: 19.997 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 382064

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	34.1
203	17.2	0.0	38.1

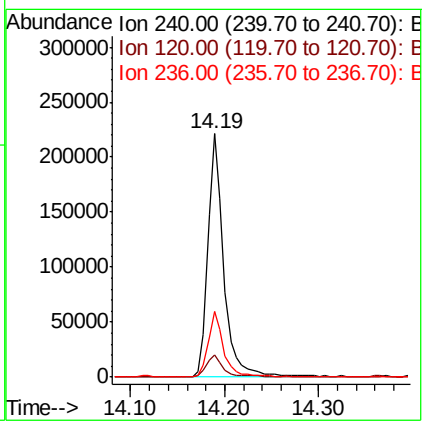


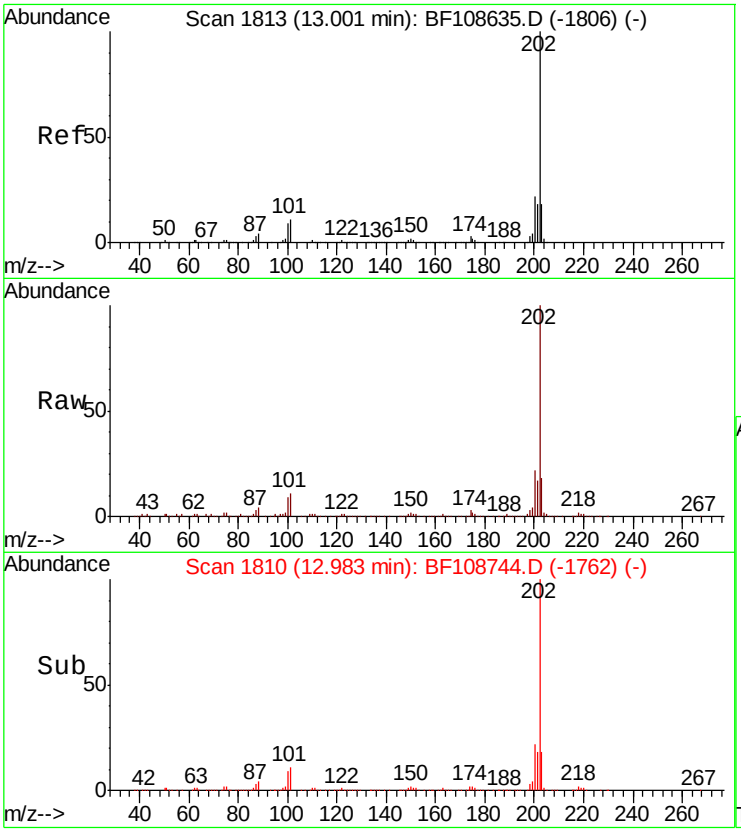


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:240 Resp: 262804

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	27.0	20.7	31.1



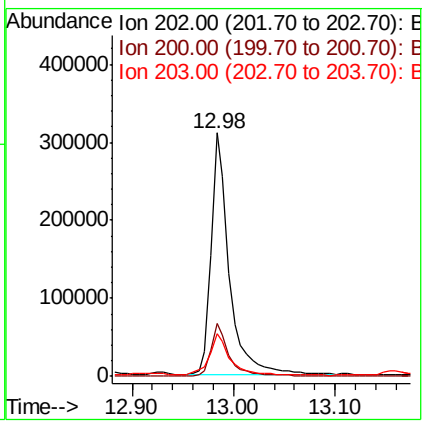


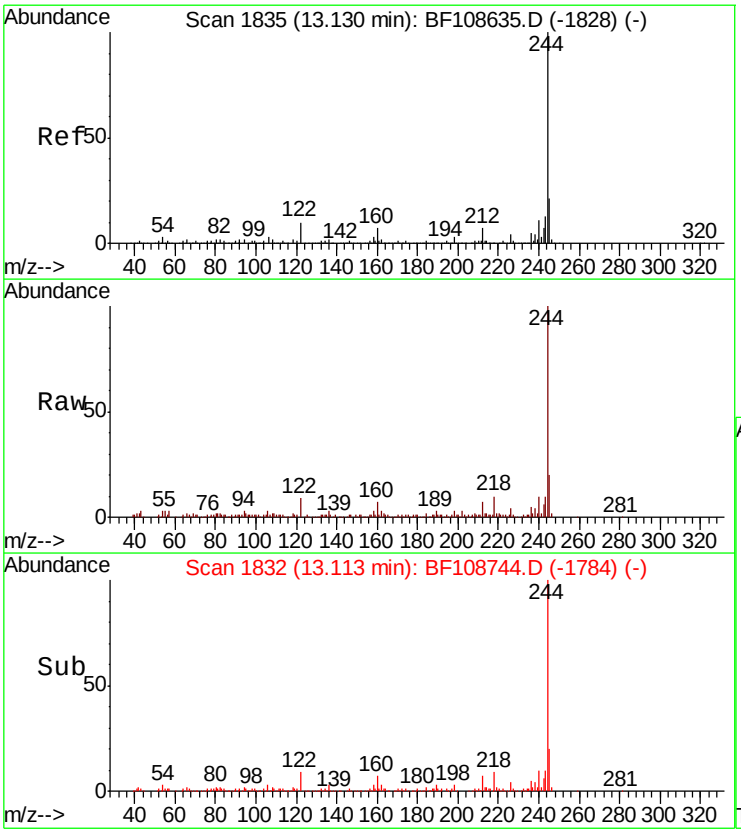
#77
Pyrene
Concen: 19.359 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 382439

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.8	14.3	21.5

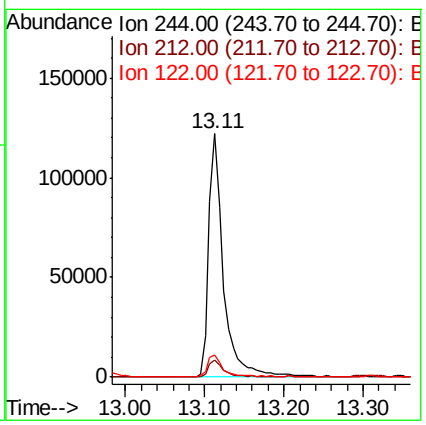


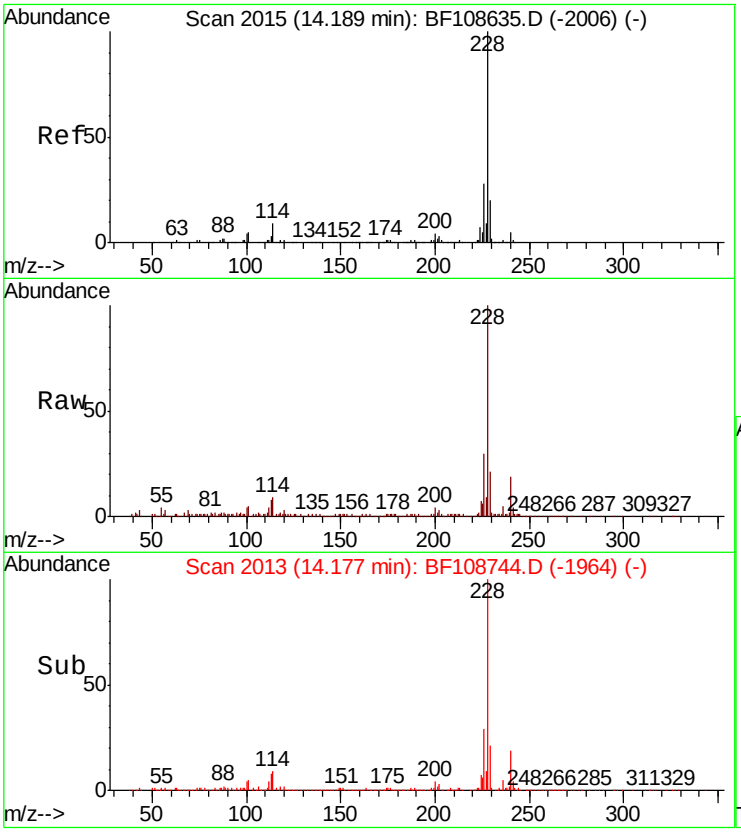


#78
Terphenyl-d14
Concen: 11.637 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:244 Resp: 157403

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.2	11.0	16.4#



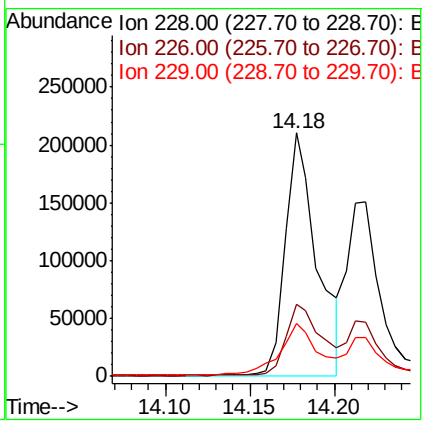


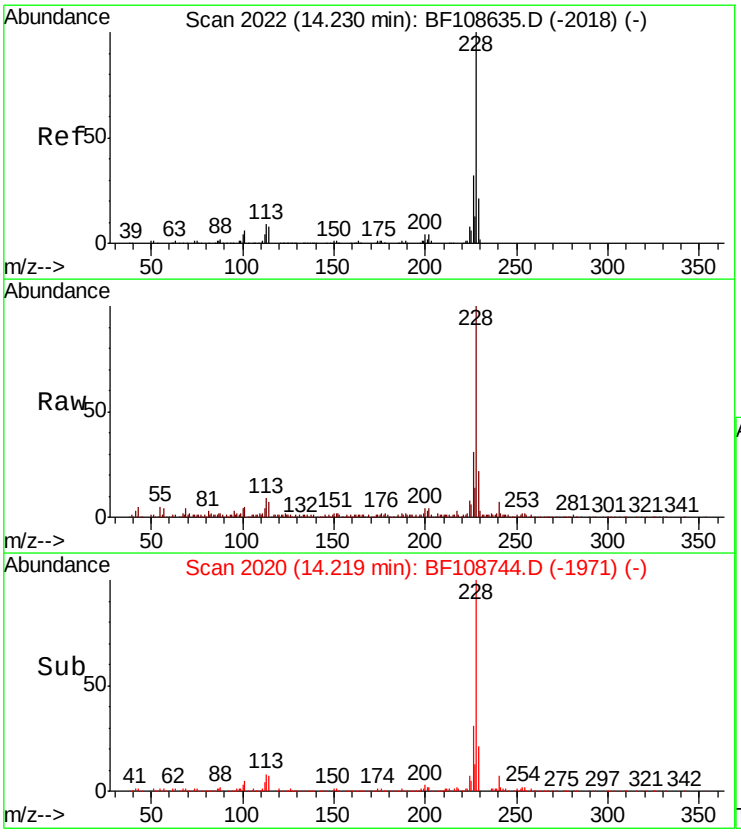
#80
Benzo(a)anthracene
Concen: 17.151 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 274781

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.5	15.8	23.6

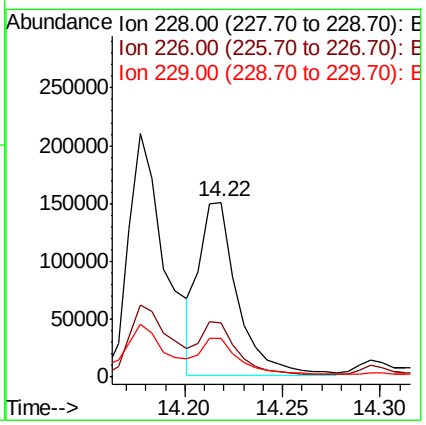


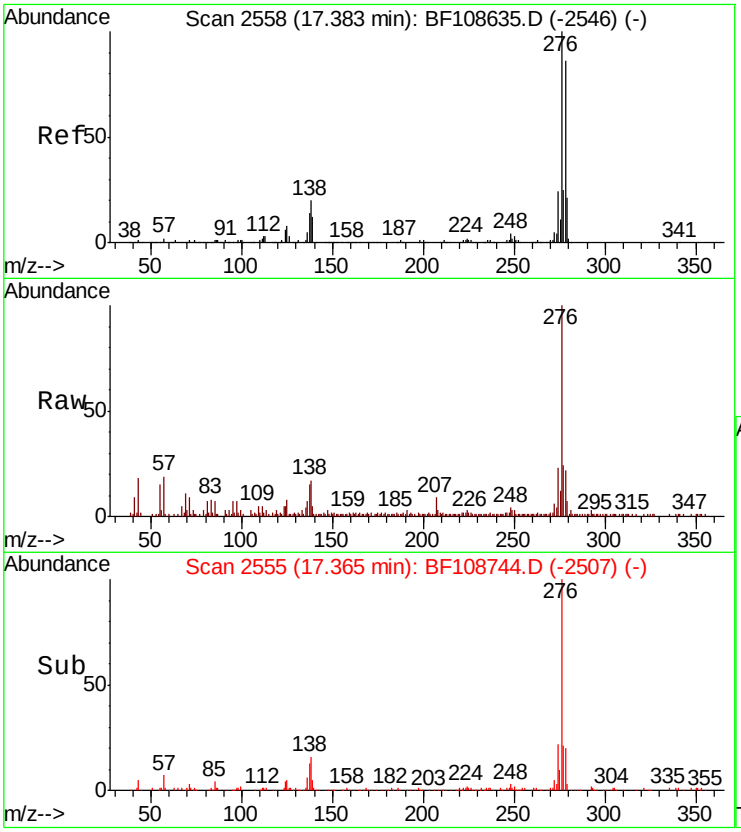


#82
Chrysene
Concen: 13.457 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:228 Resp: 207333

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.2	16.2	24.4



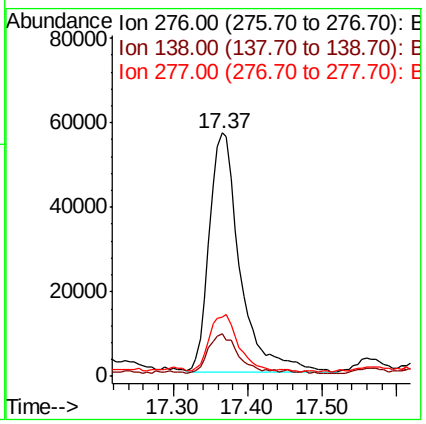


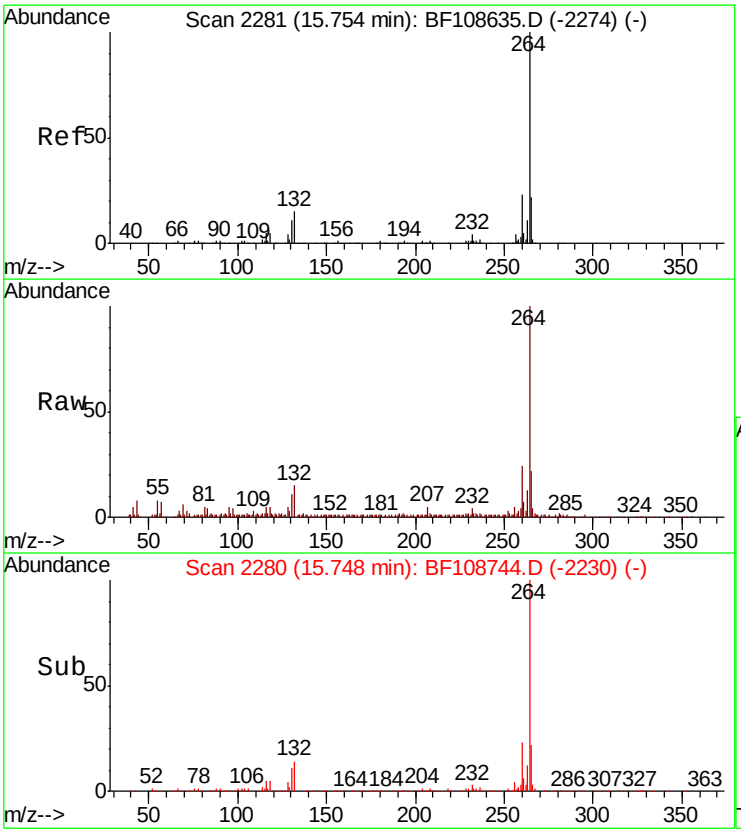
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.256 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 163434

Ion	Ratio	Lower	Upper
276	100		
138	15.7	25.0	37.6#
277	22.9	20.1	30.1

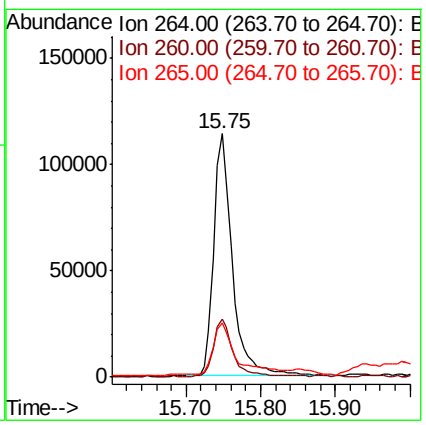


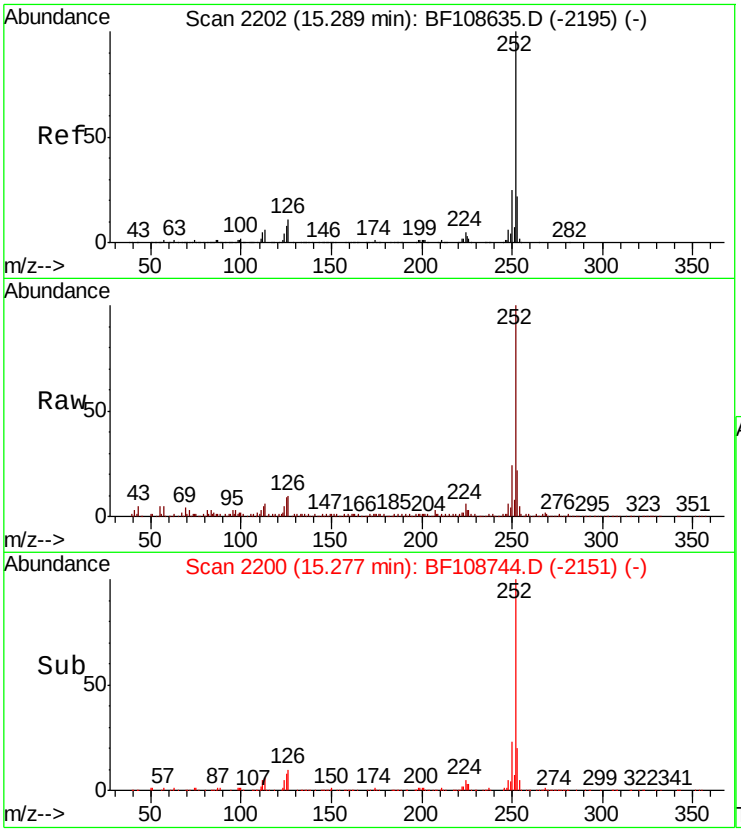


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:264 Resp: 198570

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	17.5	26.3



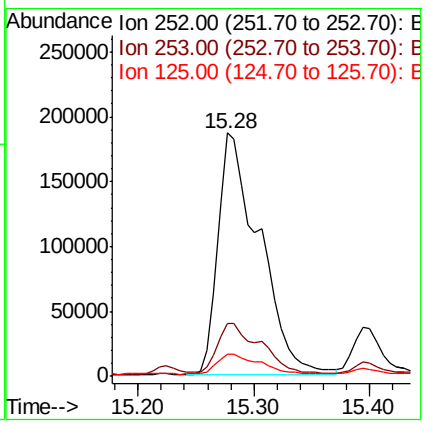


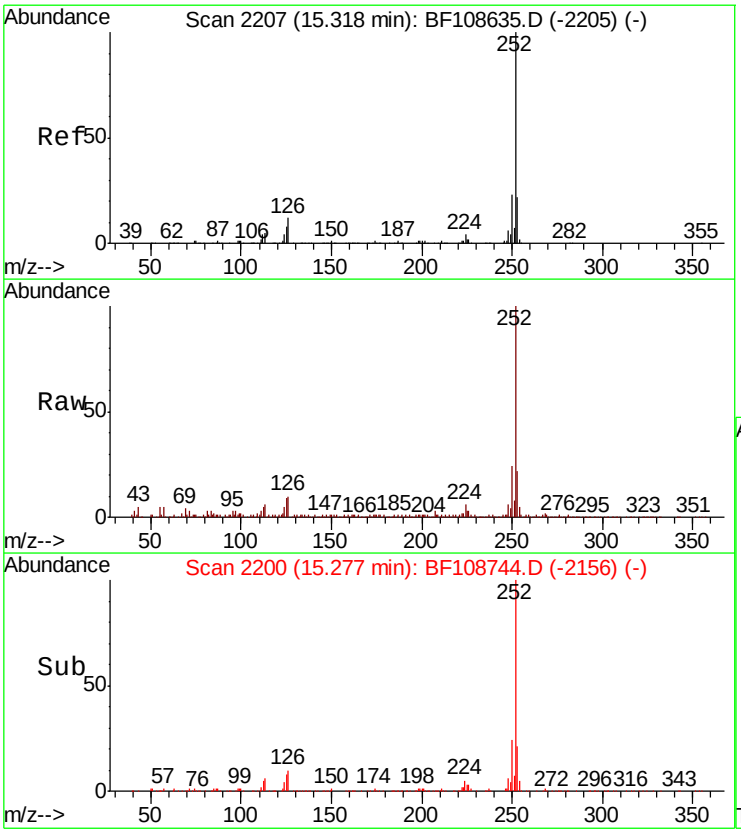
#87
Benzo(b)fluoranthene
Concen: 38.135 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 465165

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.2	9.0	13.6

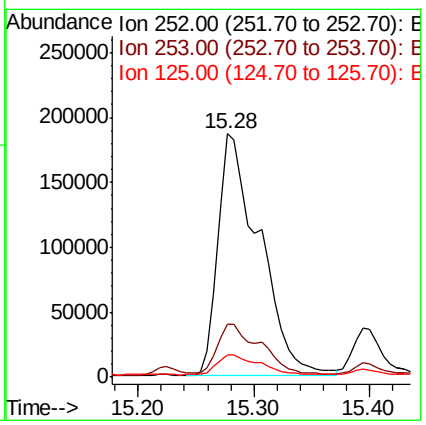


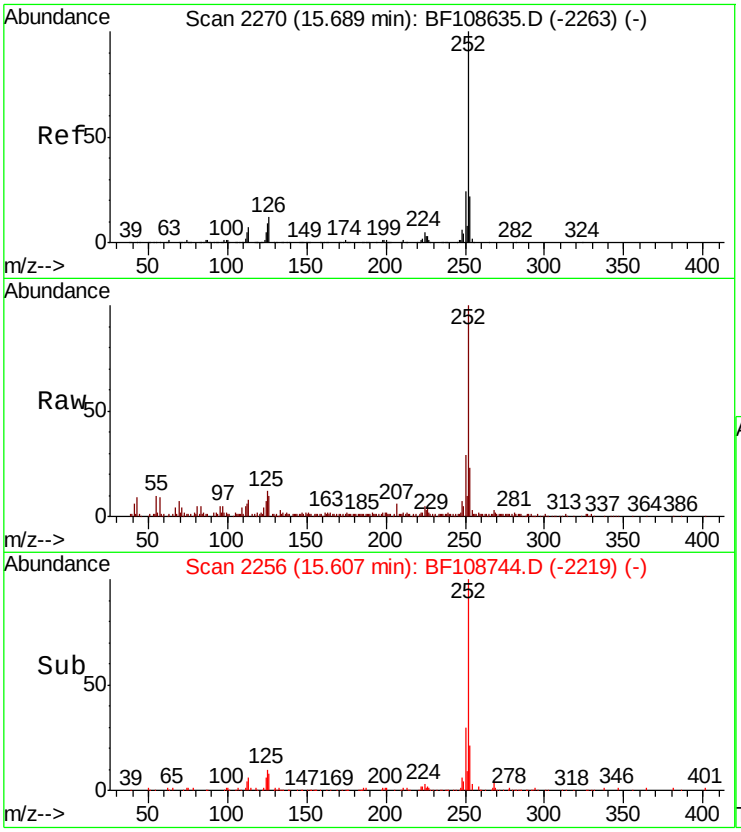


#88
Benzo(k)fluoranthene
Concen: 38.496 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:252 Resp: 465165

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.2	10.2	15.2#



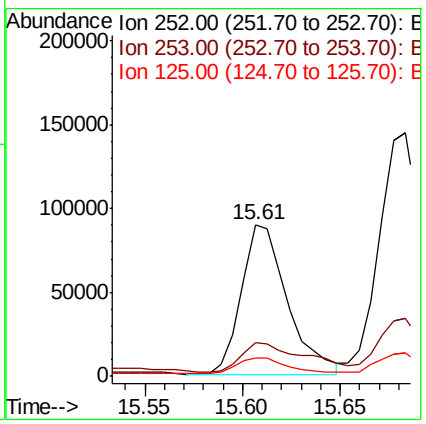


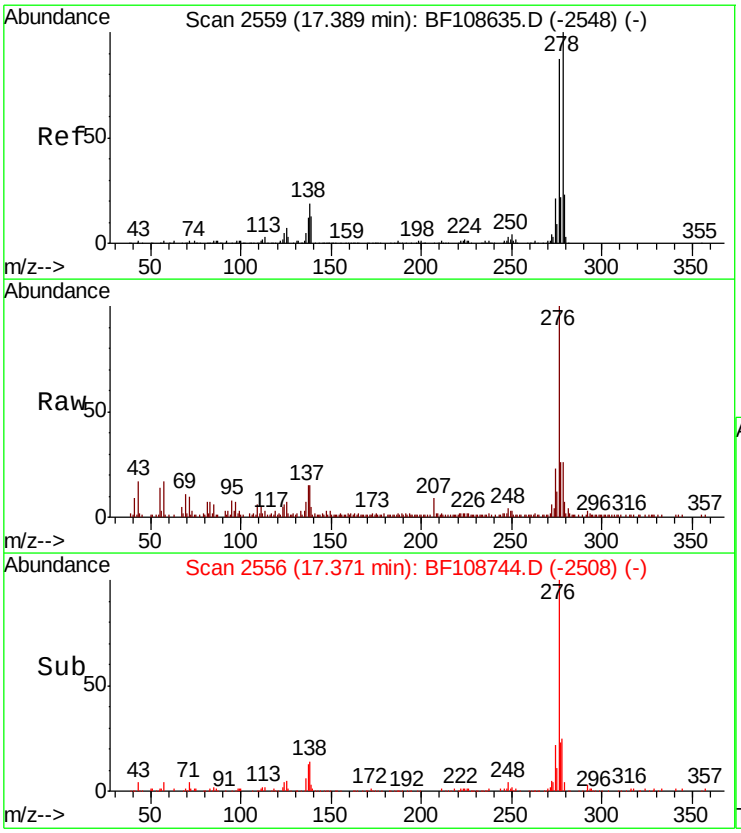
#89
Benzo(a)pyrene
Concen: 13.171 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.08 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 145188

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.1	9.8	14.6

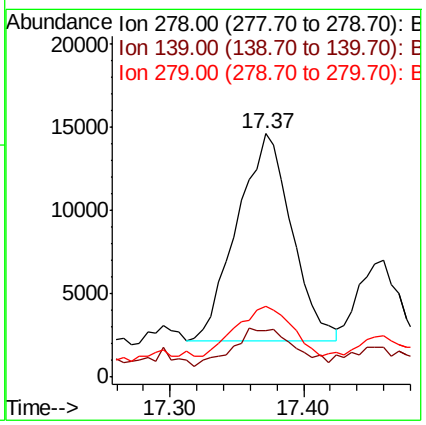


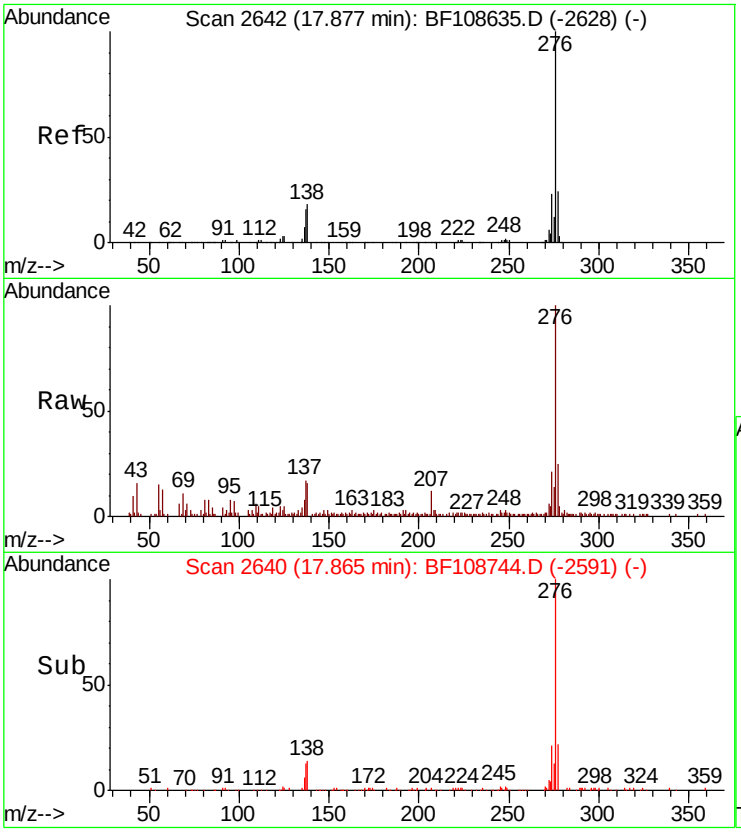


#90
Dibenzo(a,h)anthracene
Concen: 3.996 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Tgt Ion:278 Resp: 35185

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	28.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 16.770 ng
RT: 17.87 min Scan# 2640
Delta R.T. -0.01 min
Lab File: BF108744.D
Acq: 4 Sep 2018 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 143501

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	16.3	21.8	32.8#