Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 24 18:35:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	132347	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	509609	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	259139	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	503959	20.00	ng		0.00
75) Chrysene-d12	14.19	240	299170	20.00	ng		0.00
86) Perylene-d12	15.75	264	286259	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	745950	102.04	ng		0.00
7) Phenol-d6	6.62	99	1023957	105.41	ng		0.00
23) Nitrobenzene-d5	7.56	82	678336	74.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	315725	122.14	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1210560	75.00	ng		0.00
78) Terphenyl-d14	13.12	244	1198157	101.83	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	21186	2.108	ng		90
19) n-Nitroso-di-n-propylamine	7.56	70	91496	13.928	ng	#	83
25) Isophorone	7.56	82	678431	38.975	ng	#	64
49) Dimethylphthalate	9.75	163	344107	19.063	ng		99
56) 2,4-Dinitrotoluene	10.04	165	33739	6.940	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.84	198	722	5.698	ng	#	1
66) 4-Bromophenyl-phenylether	10.84	248	21080	3.849	ng	#	1
70) Phenanthrene	11.57	178	145654	6.128	ng		97
74) Fluoranthene	12.76	202	202590	7.809	ng		94
77) Pyrene	12.99	202	179208	9.462	ng		99
80) Benzo(a)anthracene	14.18	228	69404	4.042	ng		98
82) Chrysene	14.22	228	68213	4.334	ng		95
85) Indeno(1,2,3-cd)pyrene	17.35	276	38377	2.814	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	101258	5.920	ng		95
88) Benzo(k)fluoranthene	15.28	252	101258	6.440	ng		96
89) Benzo(a)pyrene	15.68	252	56248	3.672	ng		97
91) Benzo(g,h,i)perylene	17.85	276	37245	2.985	ng		94

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

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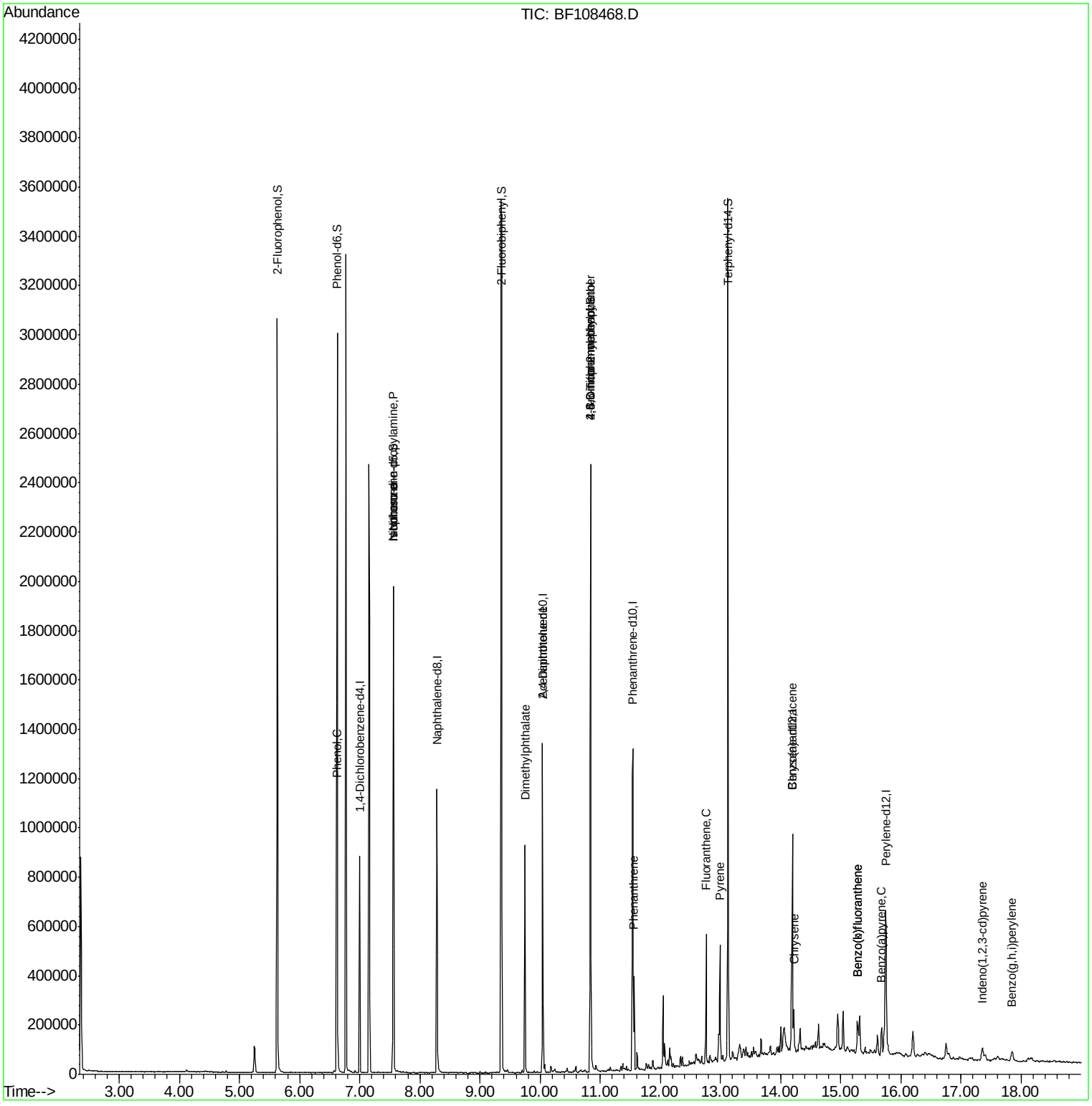
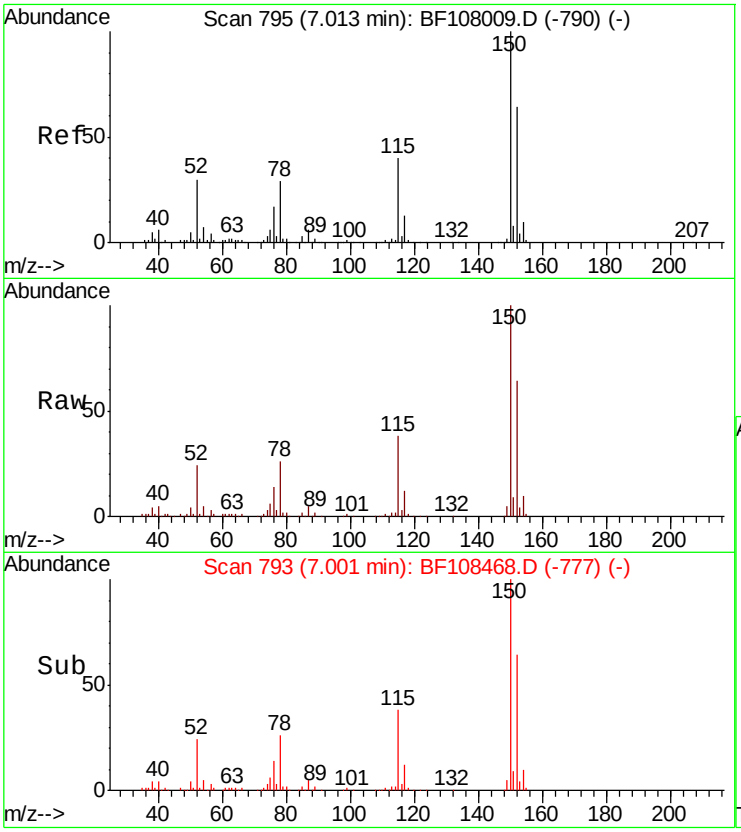


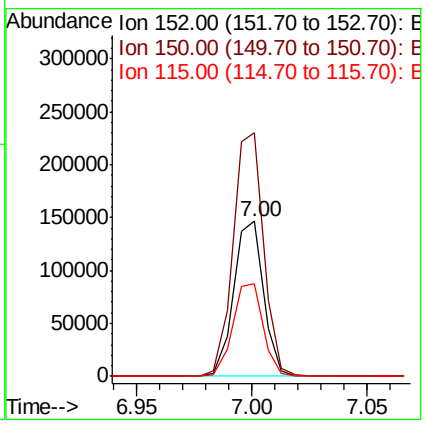


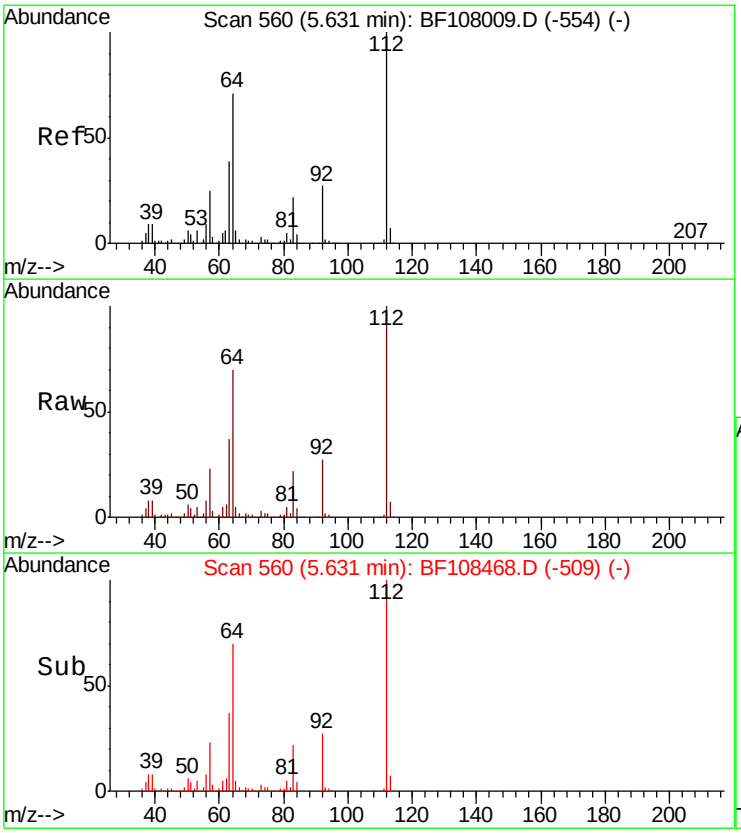
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132347

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.6	50.1	75.1

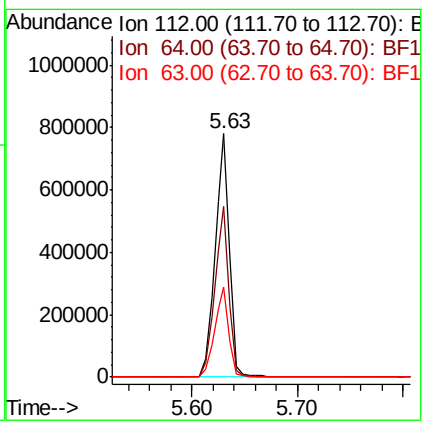


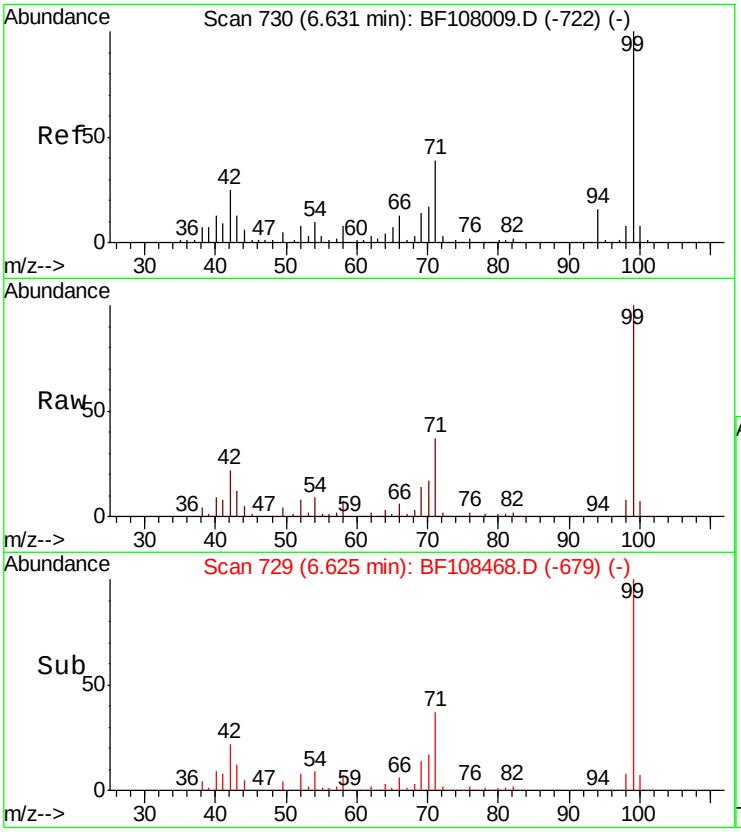


#5
2-Fluorophenol
Concen: 102.043 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:112 Resp: 745950

Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	37.1	23.7	35.5#



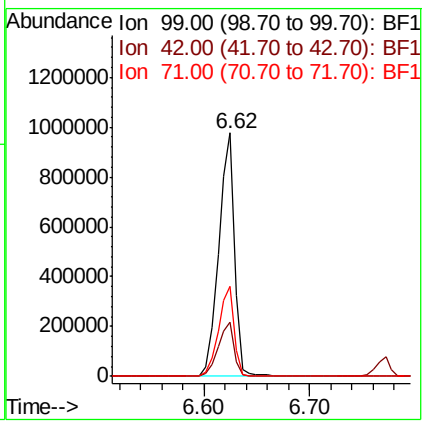


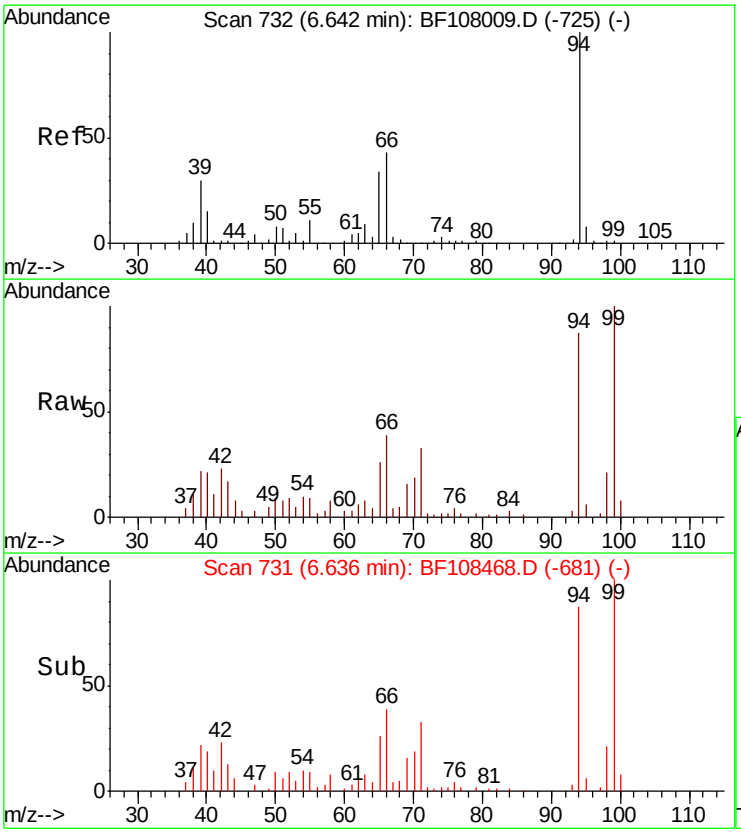
#7
Phenol-d6
Concen: 105.408 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1023957

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	37.2	25.4	38.0

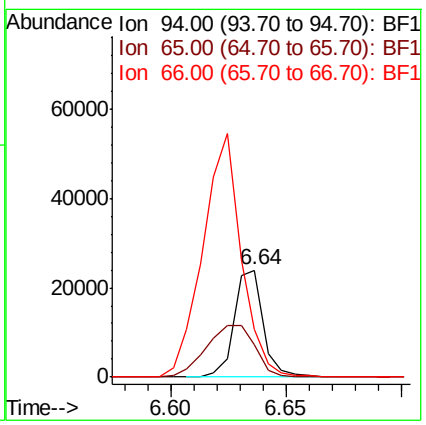


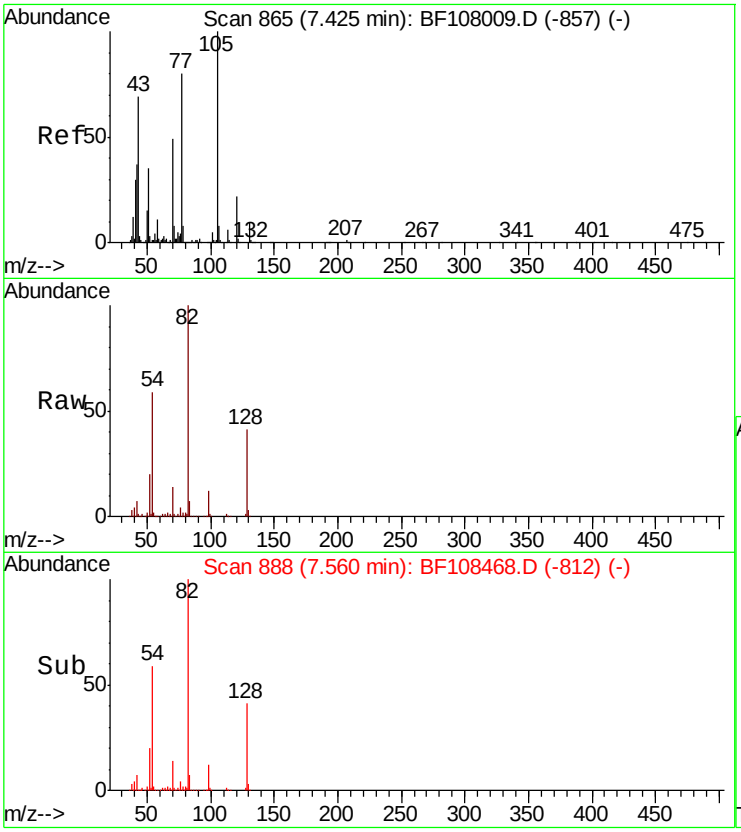


#10
Phenol
Concen: 2.108 ng
RT: 6.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion: 94 Resp: 21186

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	44.5	16.2	56.2



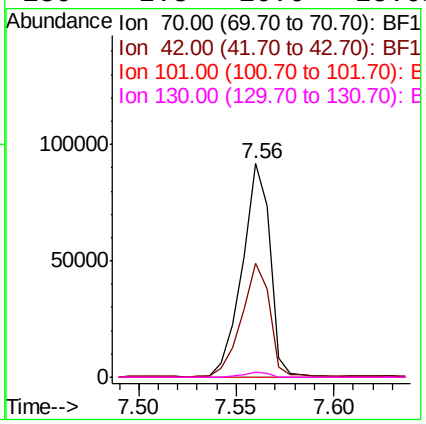


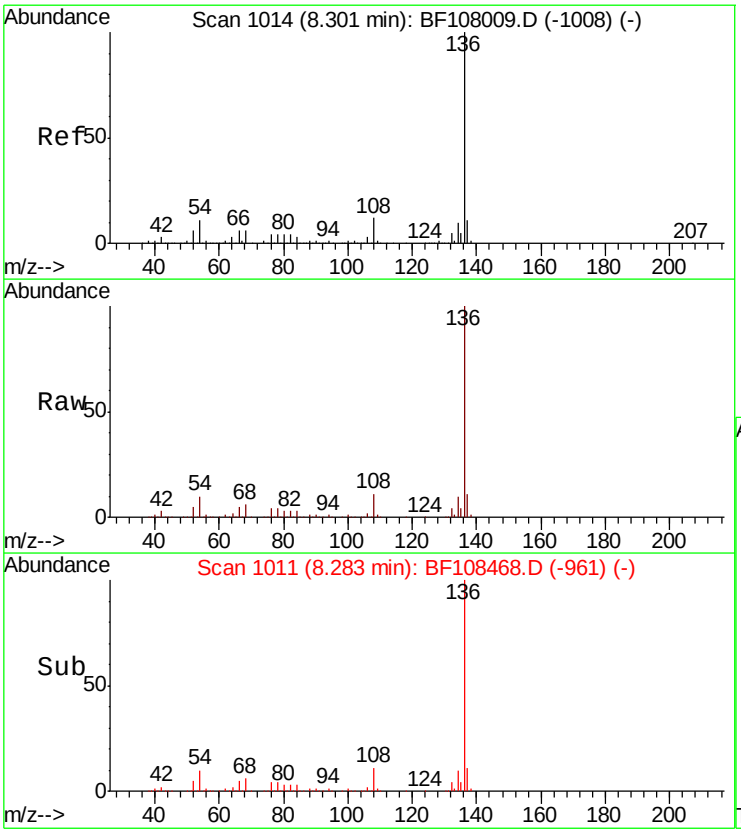
#19
n-Nitroso-di-n-propylamine
Concen: 13.928 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91496

Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

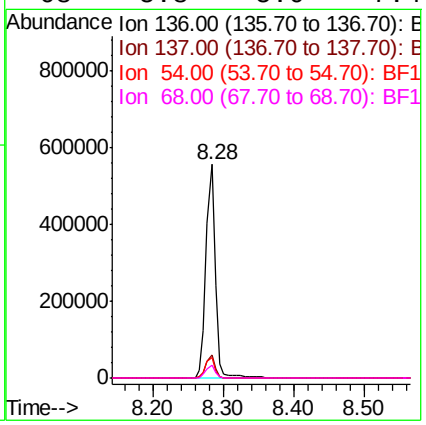


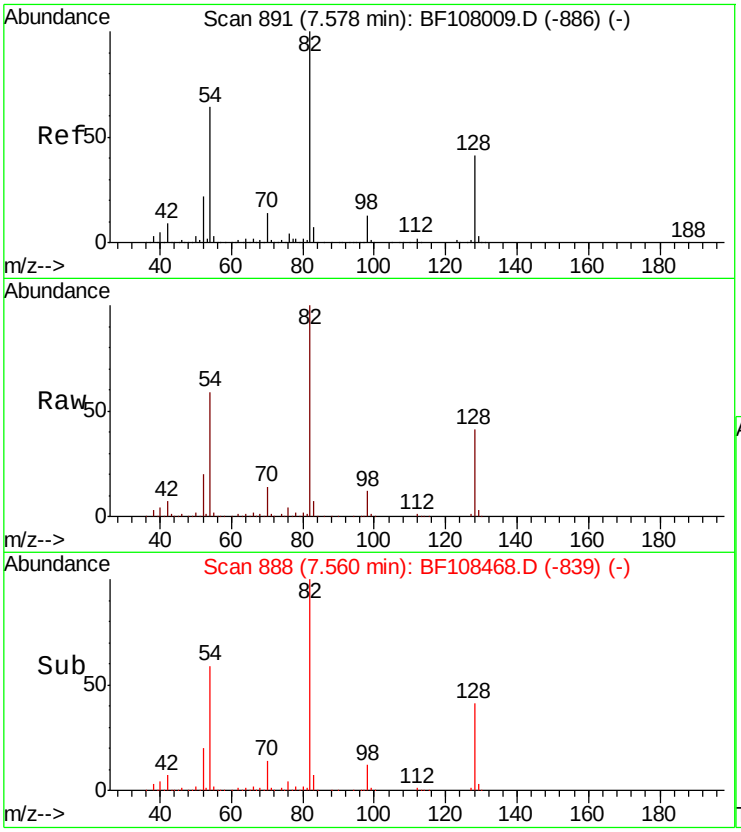


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:136 Resp: 509609

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



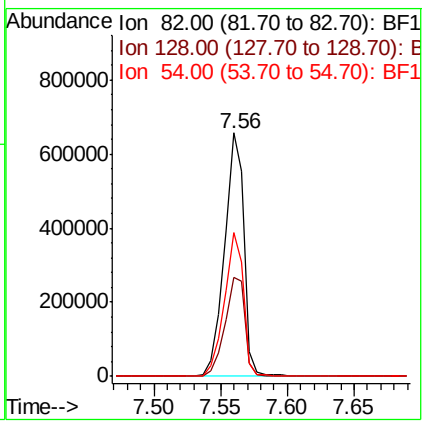


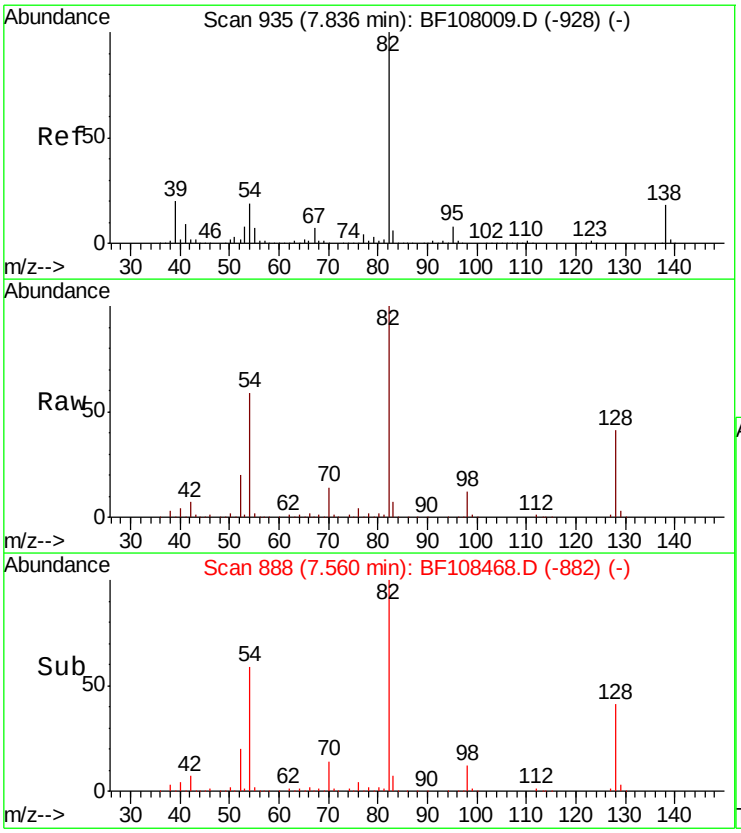
#23
Nitrobenzene-d5
Concen: 74.277 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 678336

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	59.3	41.4	62.2

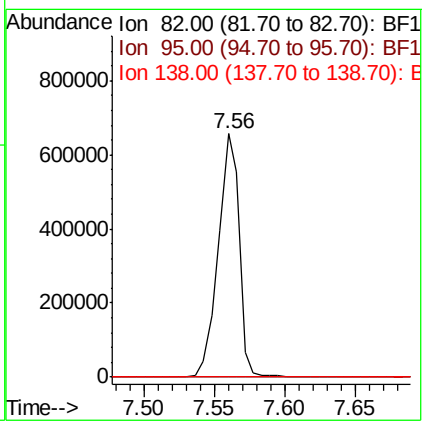


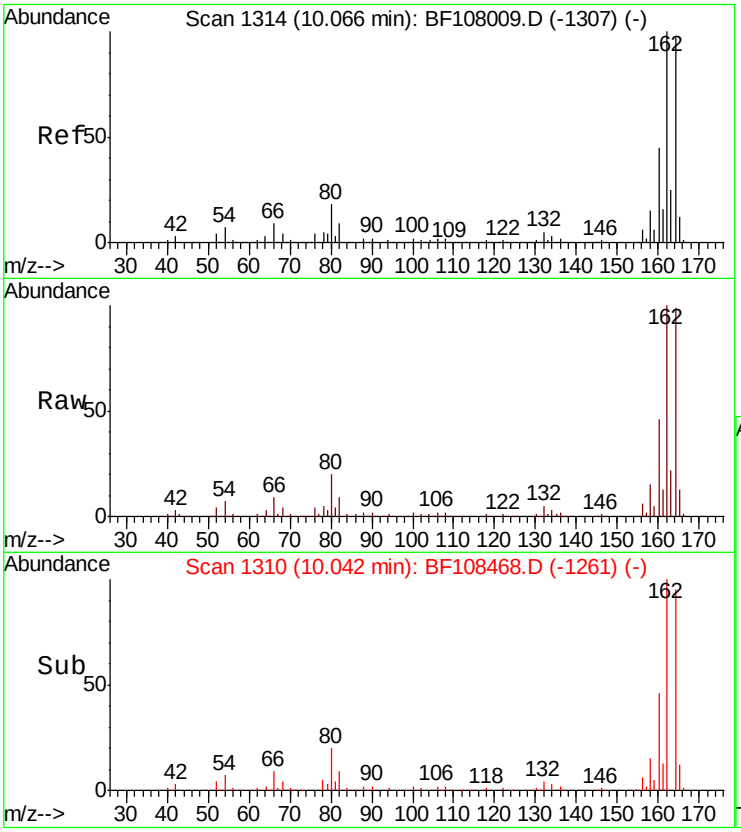


#25
Isophorone
Concen: 38.975 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion: 82 Resp: 678431

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



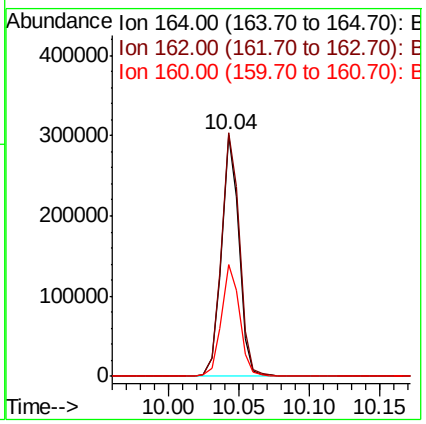


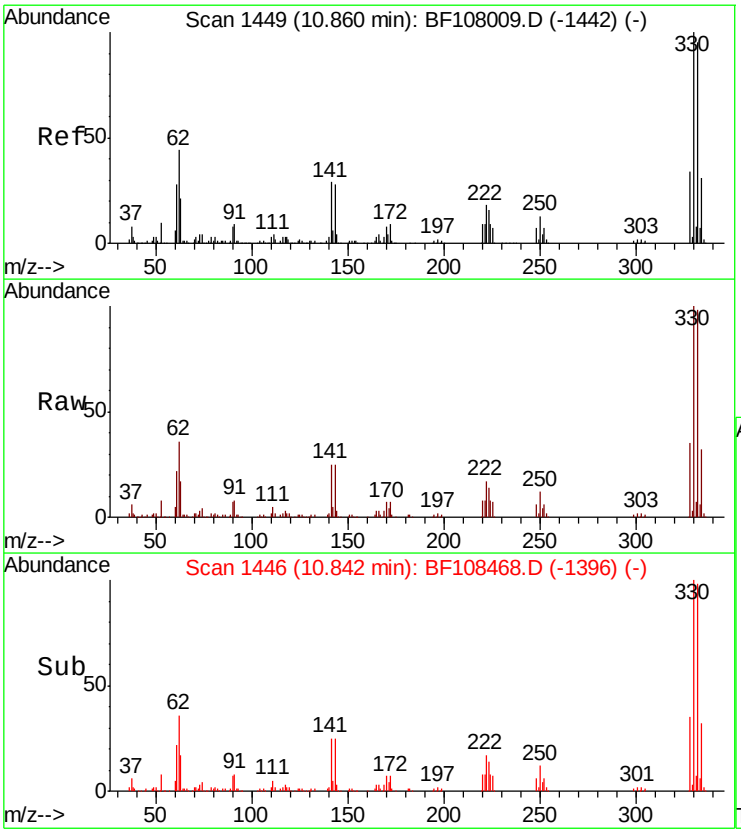
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 259139

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	46.1	38.3	57.5

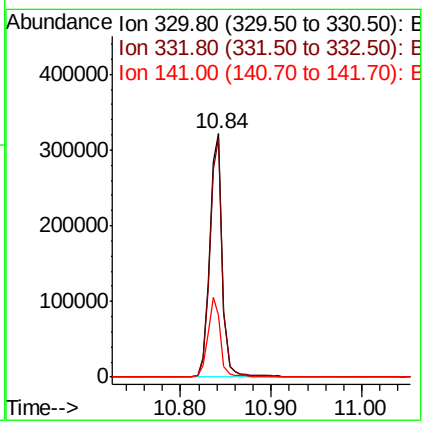


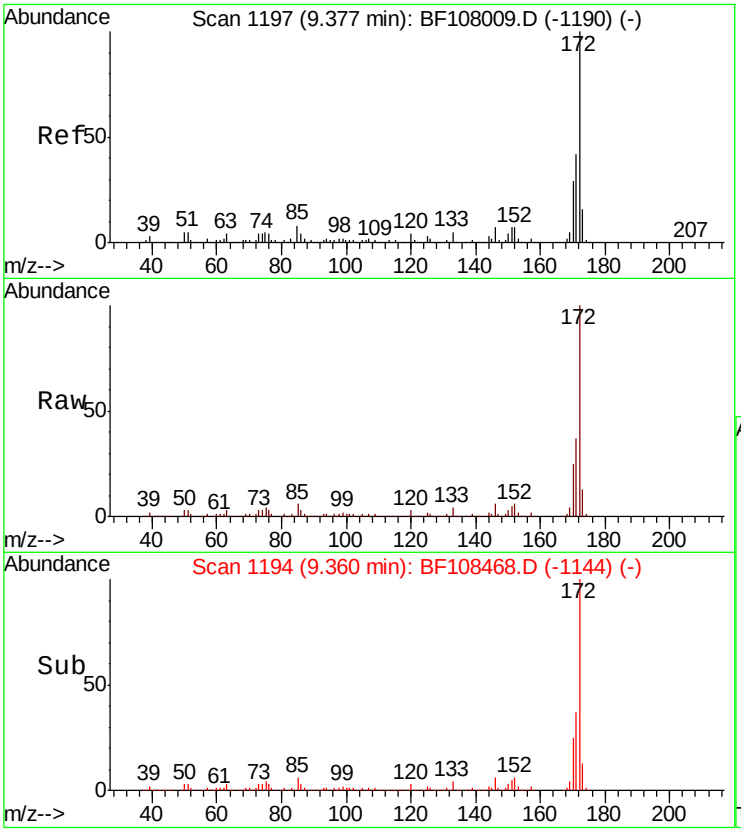


#41
2,4,6-Tribromophenol
Concen: 122.145 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:330 Resp: 315725

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.6	29.9	44.9



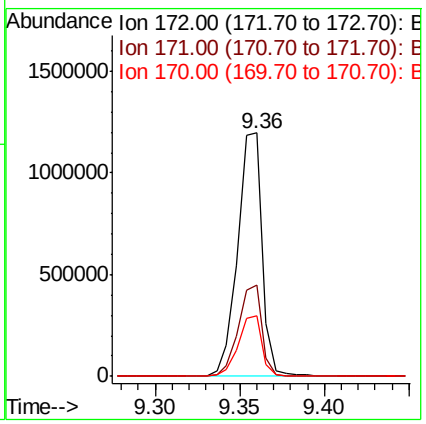


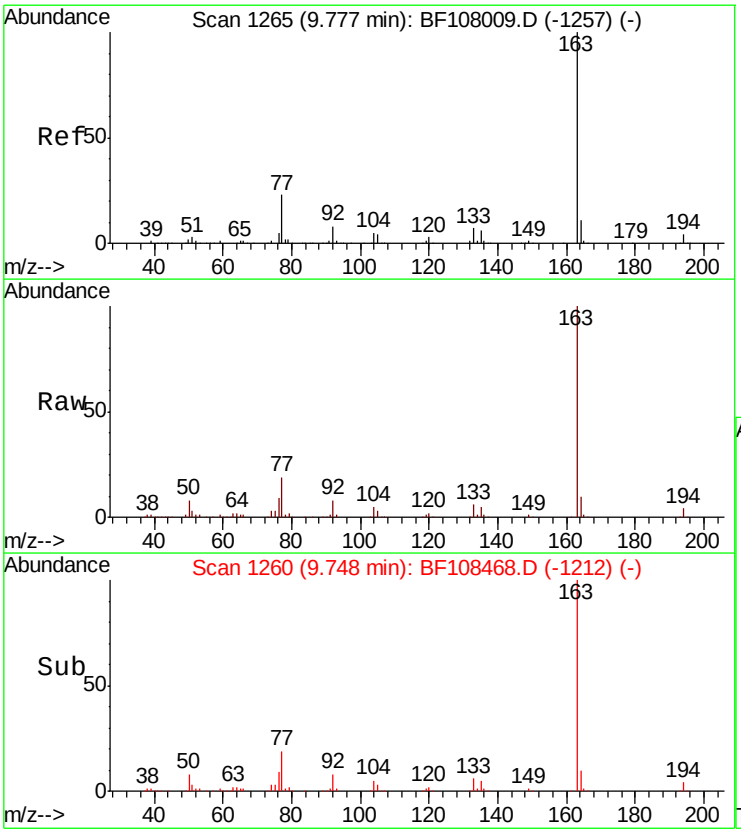
#44
2-Fluorobiphenyl
Concen: 74.999 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1210560

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.0	19.6	29.4

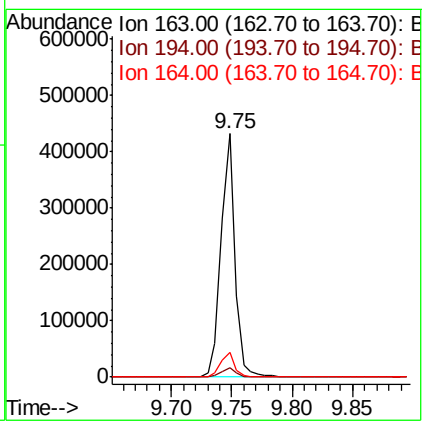


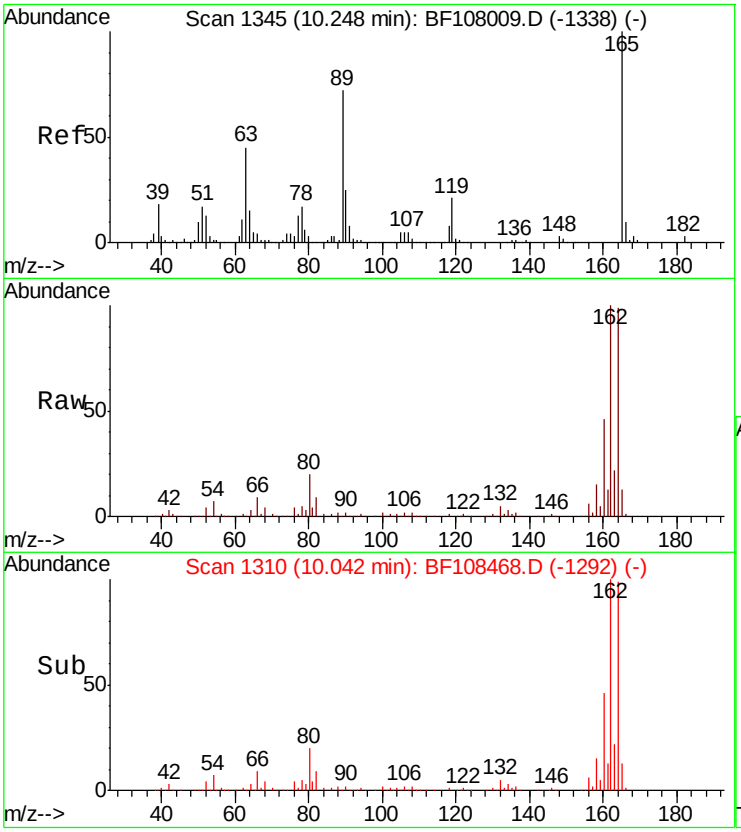


#49
Dimethylphthalate
Concen: 19.063 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:163 Resp: 344107

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2



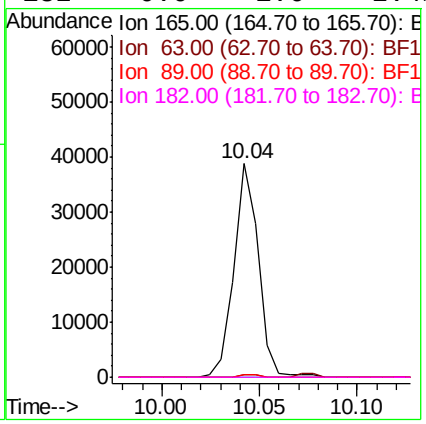


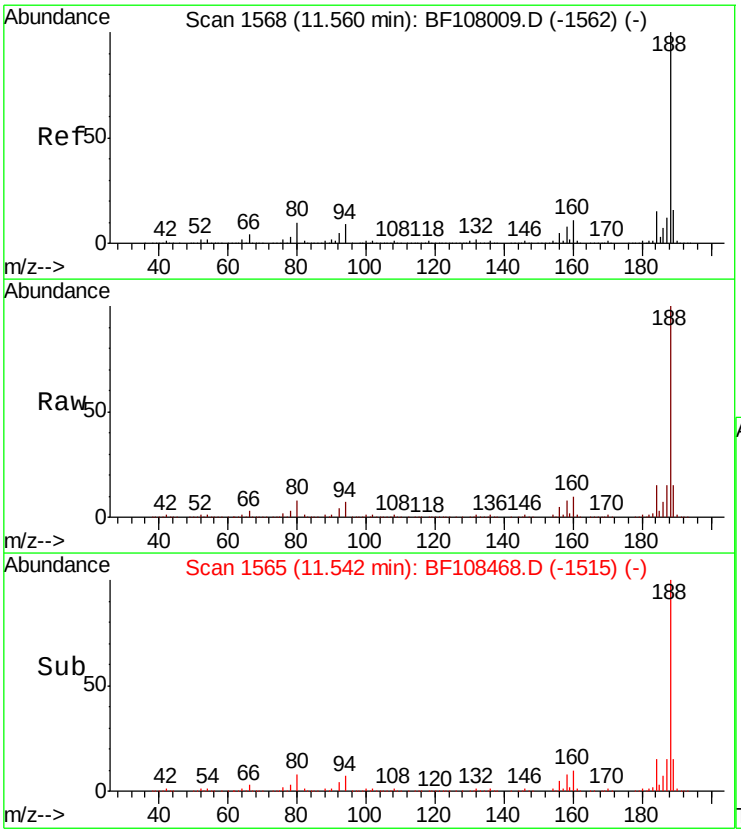
#56
2,4-Dinitrotoluene
Concen: 6.940 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33739

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

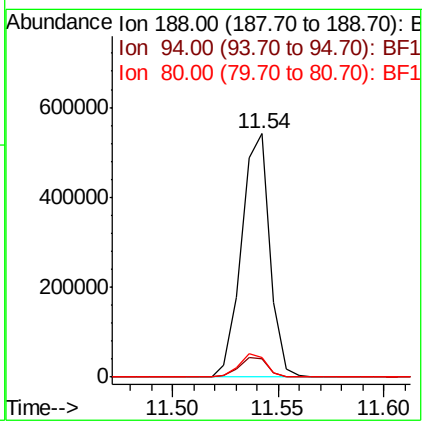


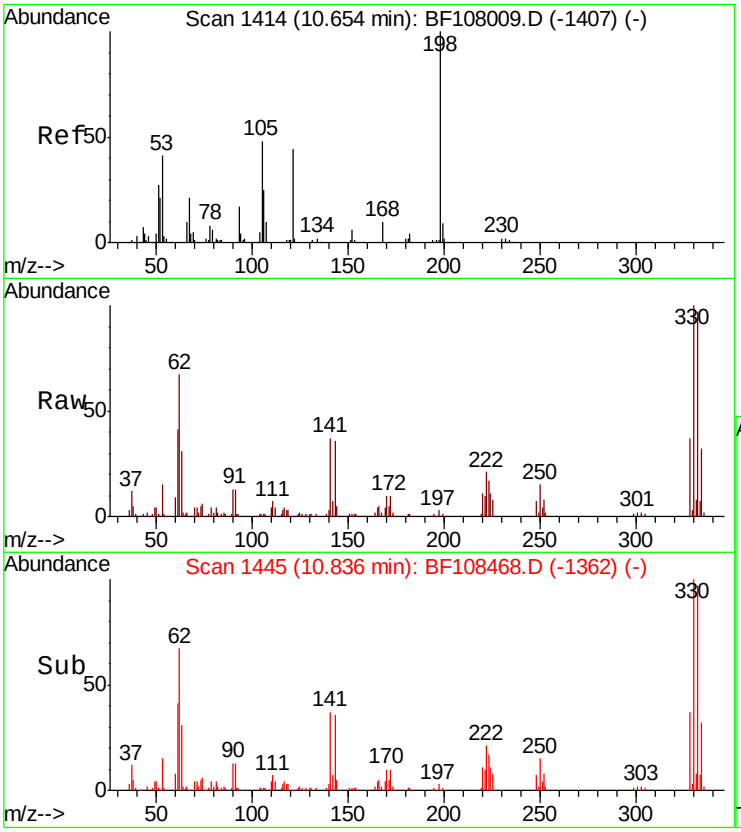


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:188 Resp: 503959

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.2	9.2	13.8#



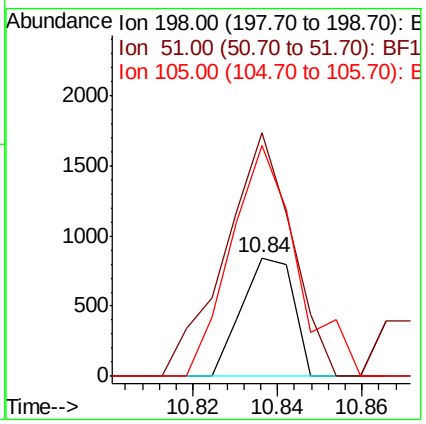


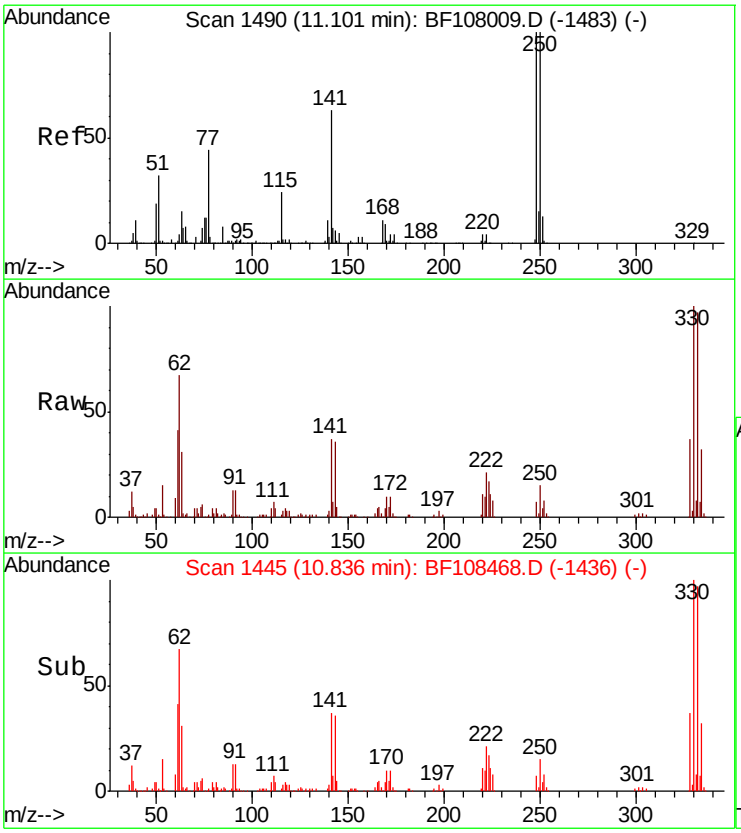
#64
4,6-Dinitro-2-methylphenol
Concen: 5.698 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 722

Ion	Ratio	Lower	Upper
198	100		
51	205.2	37.7	77.7#
105	194.2	36.3	76.3#

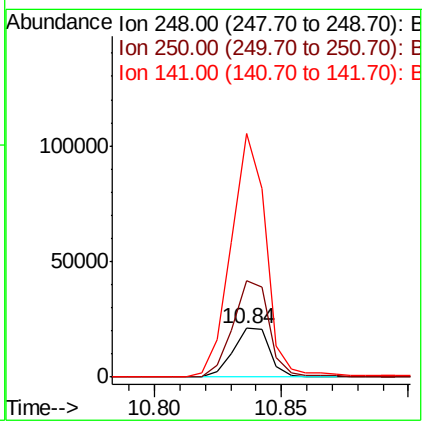


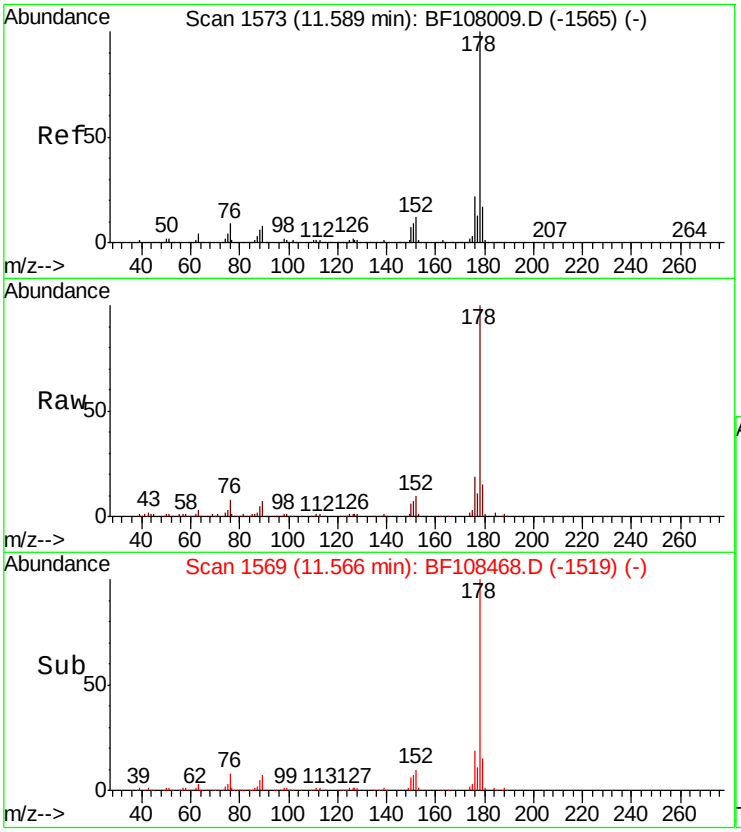


#66
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:248 Resp: 21080

Ion	Ratio	Lower	Upper
248	100		
250	197.5	76.9	115.3#
141	498.6	74.4	111.6#



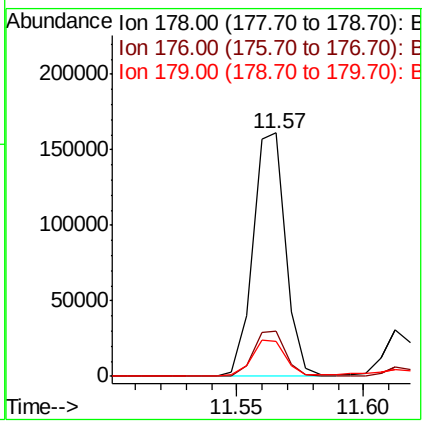


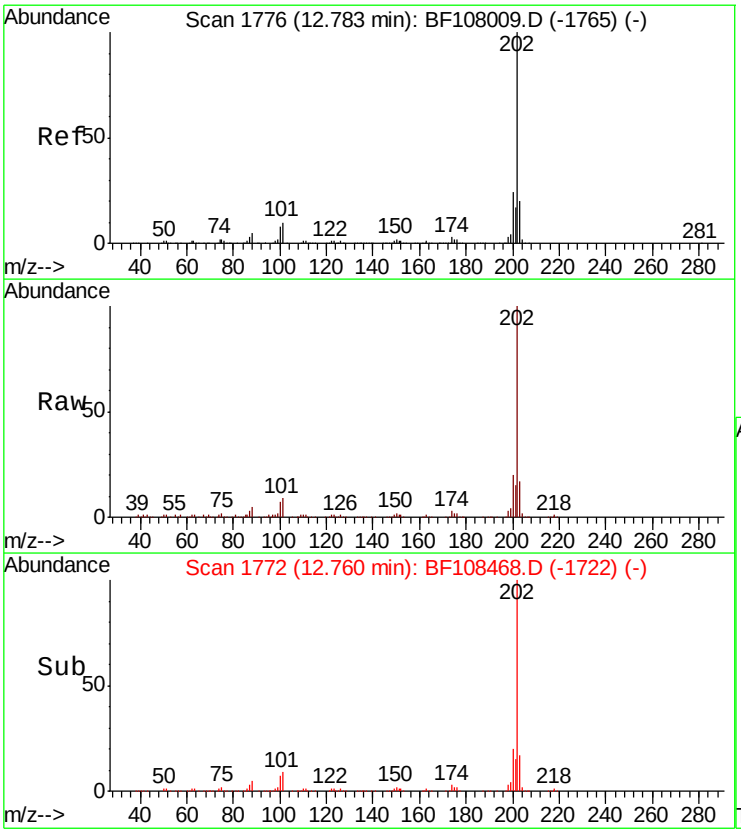
#70
Phenanthrene
Concen: 6.128 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 145654

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	13.0	19.6

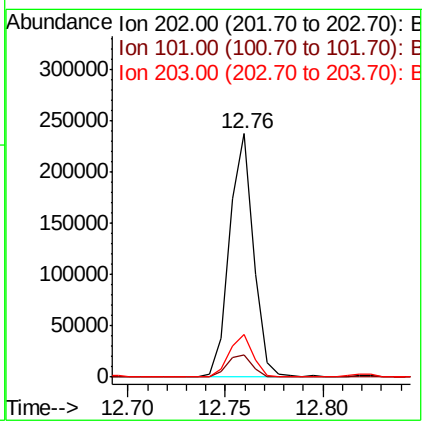


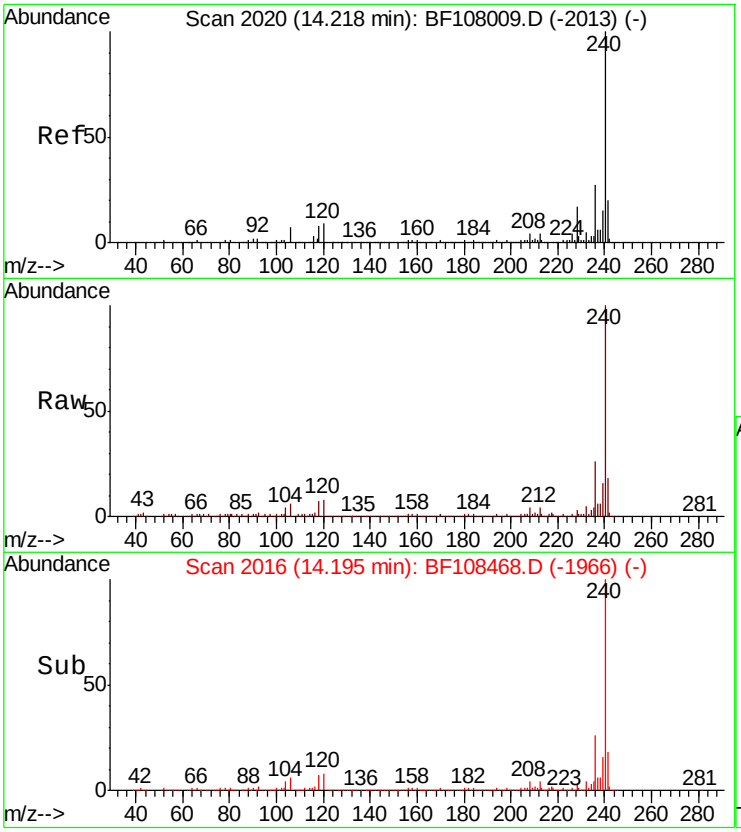


#74
Fluoranthene
Concen: 7.809 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:202 Resp: 202590

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.3	0.0	38.1



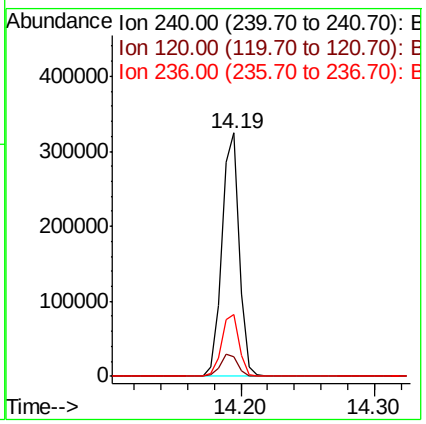


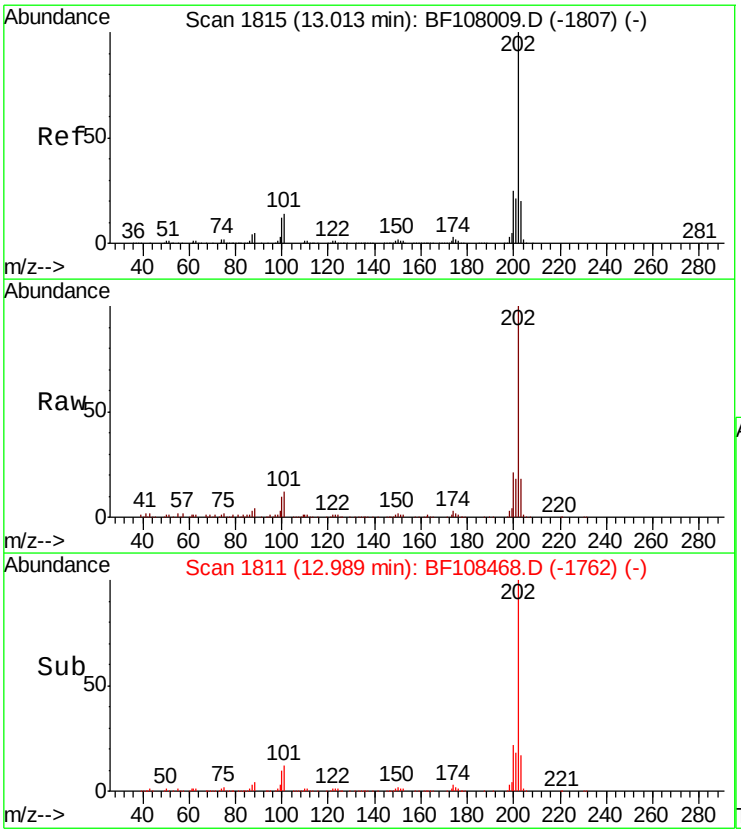
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 299170

Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	25.5	20.7	31.1

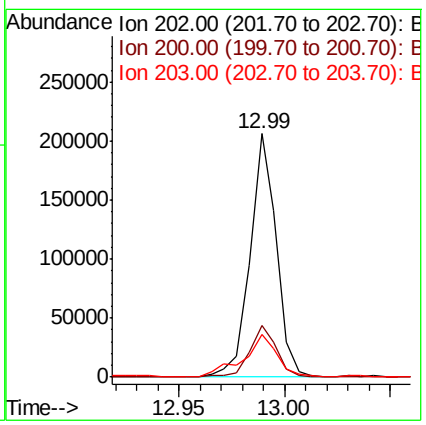


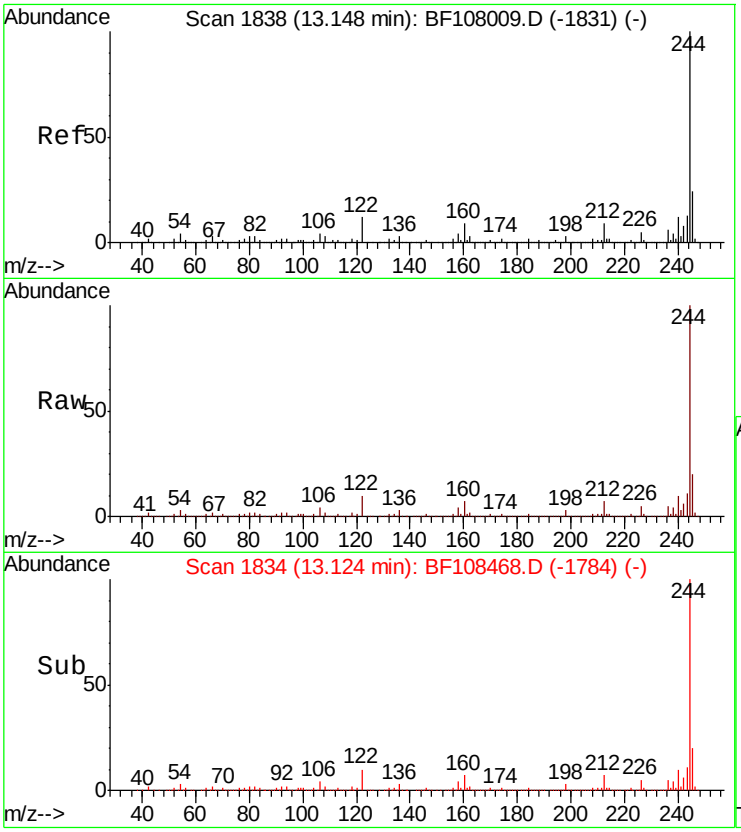


#77
Pyrene
Concen: 9.462 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:202 Resp: 179208

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.7	14.3	21.5



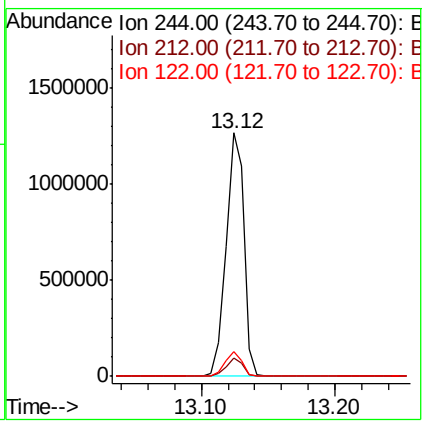


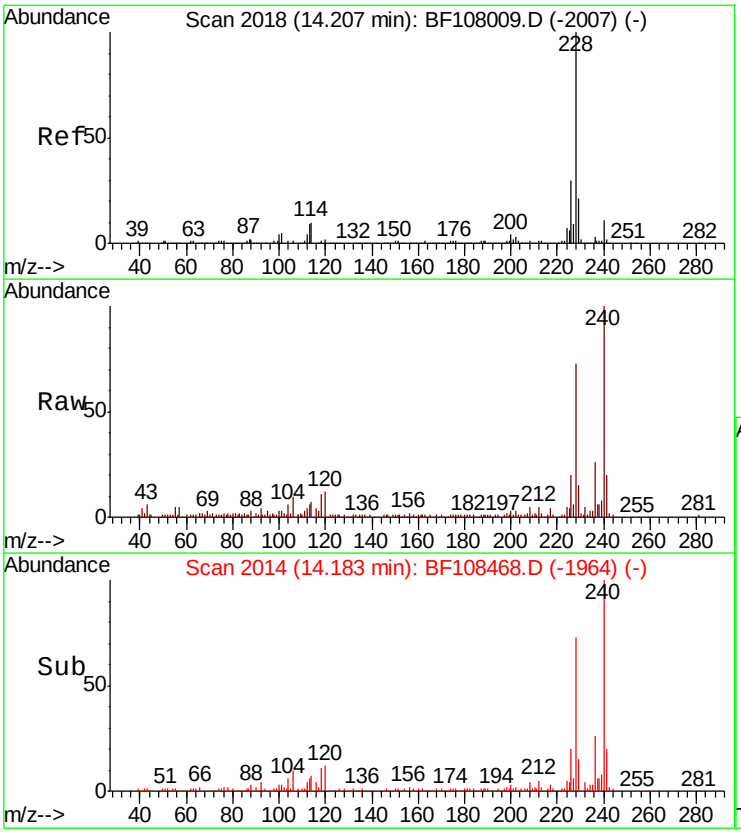
#78
Terphenyl-d14
Concen: 101.828 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1198157

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.4	11.0	16.4#

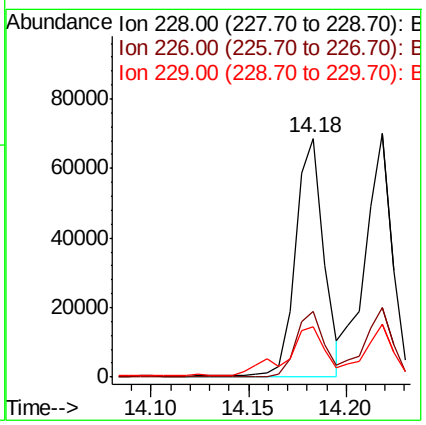


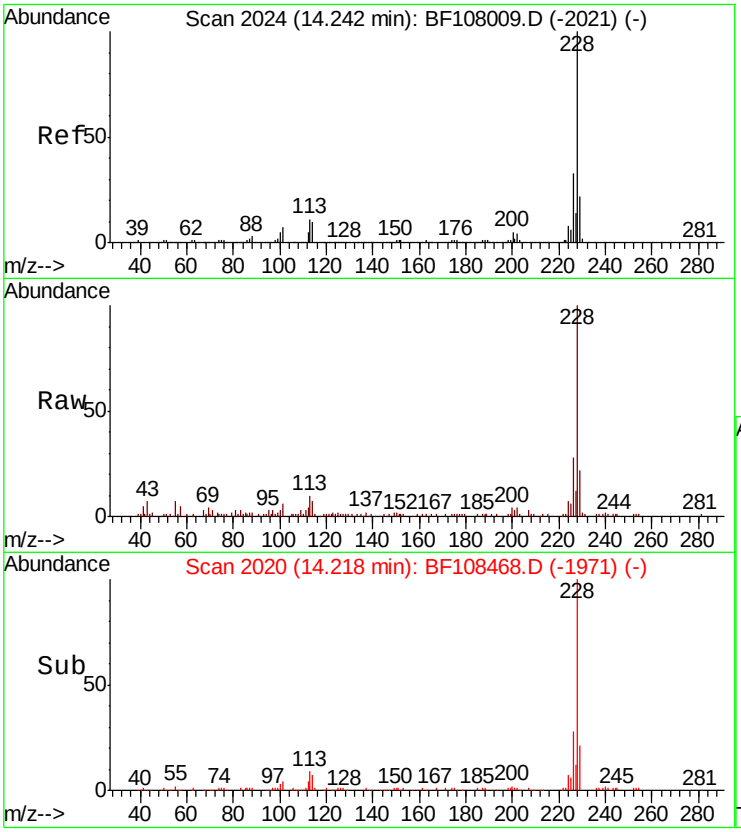


#80
Benzo(a)anthracene
Concen: 4.042 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:228 Resp: 69404

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.0	15.8	23.6



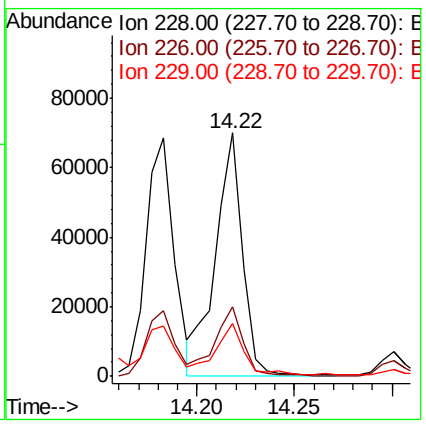


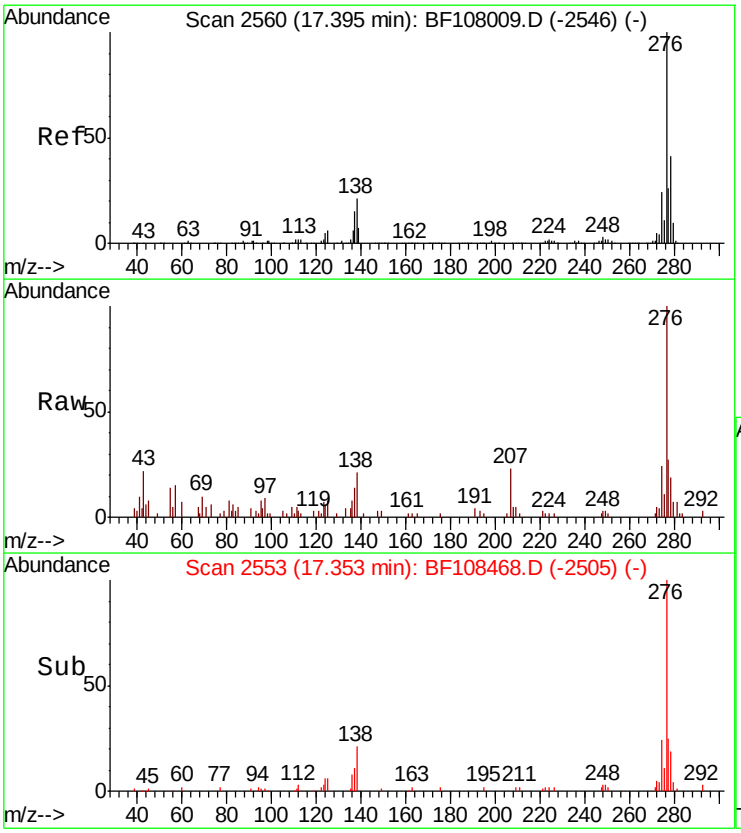
#82
Chrysene
Concen: 4.334 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 68213

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	21.8	16.2	24.4

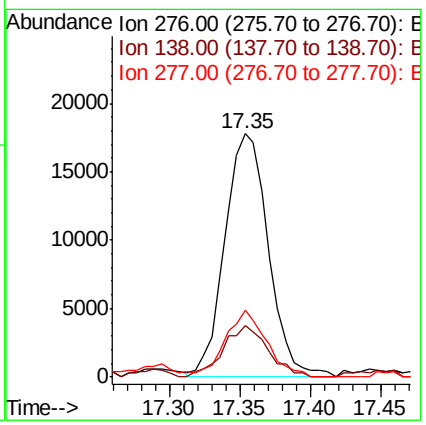


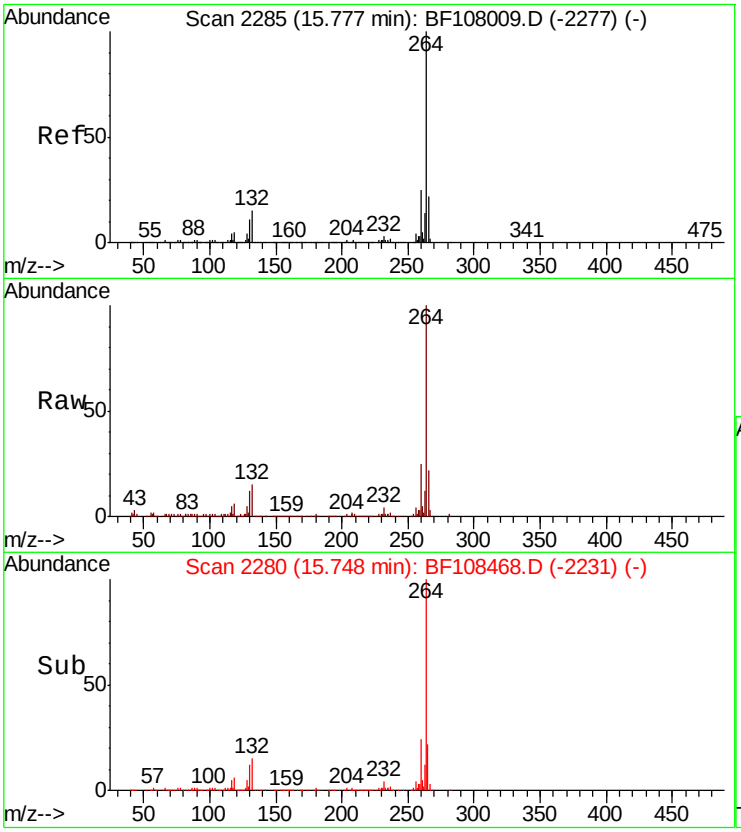


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.814 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:276 Resp: 38377

Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.8	20.1	30.1



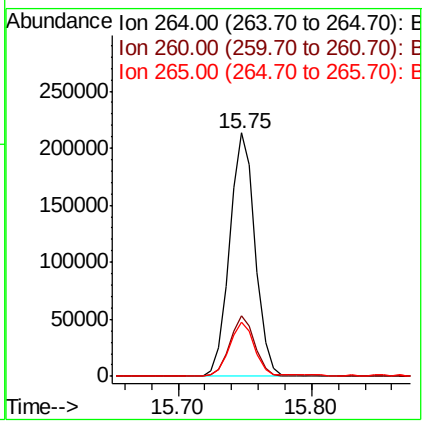


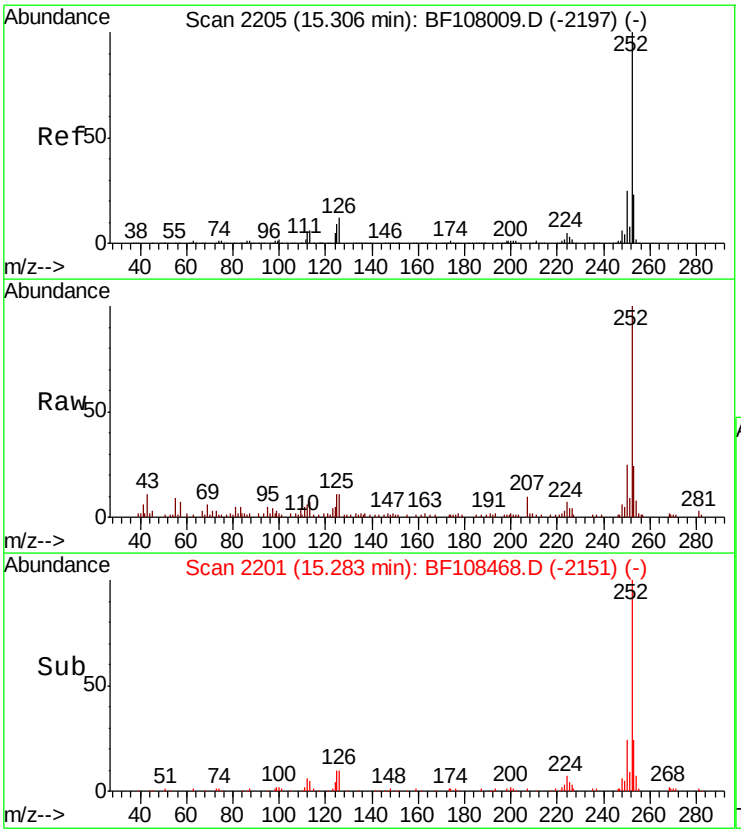
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 286259

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.5	26.3

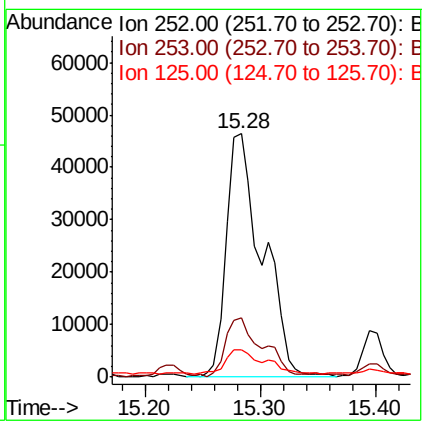


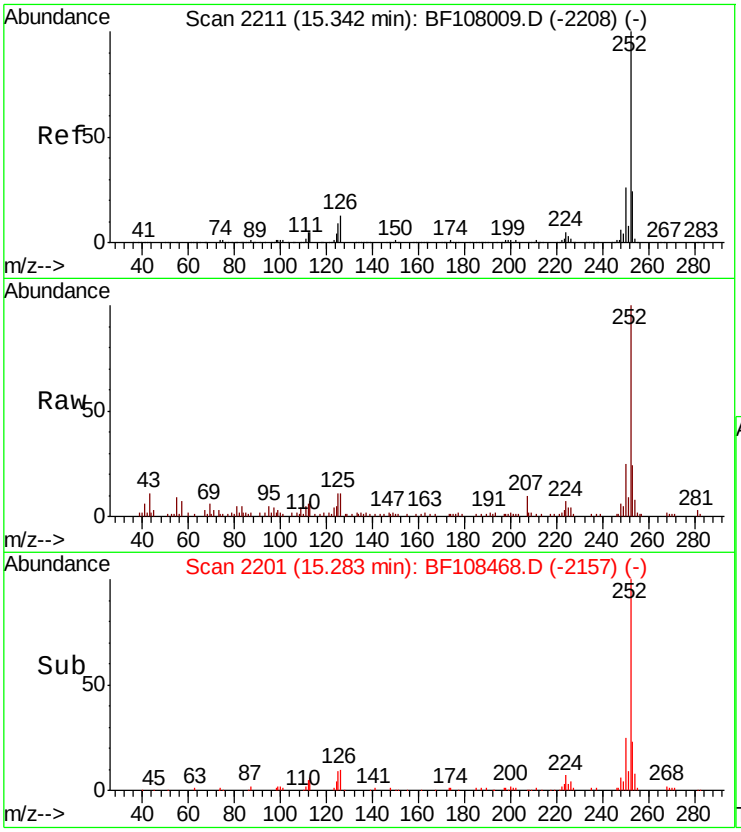


#87
Benzo(b)fluoranthene
Concen: 5.920 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:252 Resp: 101258

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	11.1	9.0	13.6



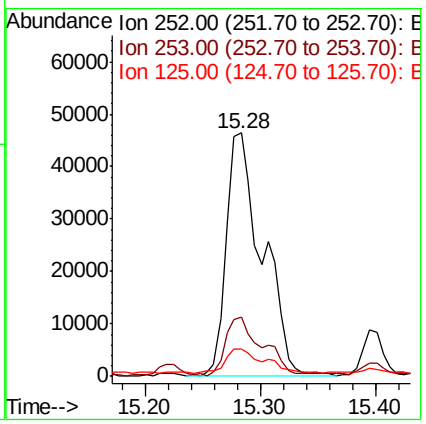


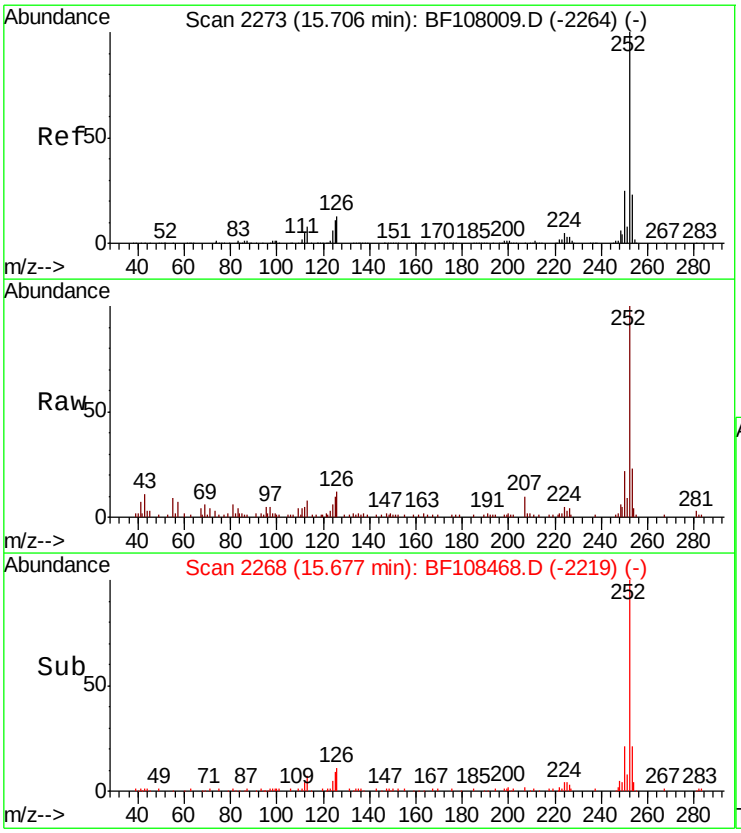
#88
Benzo(k)fluoranthene
Concen: 6.440 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 101258

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	11.1	10.2	15.2

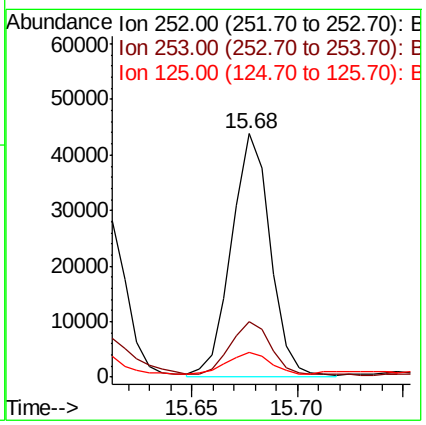


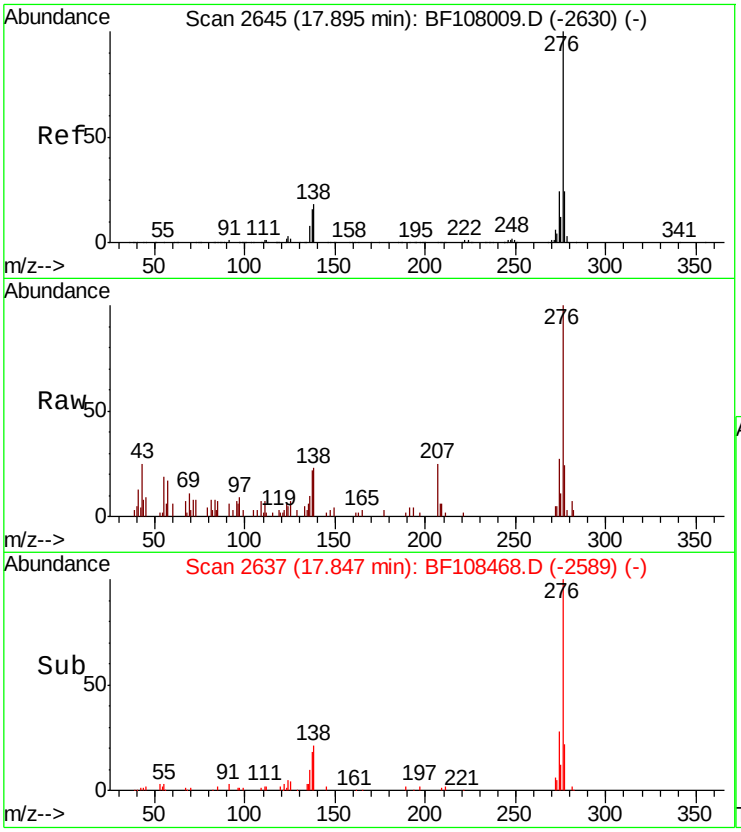


#89
Benzo(a)pyrene
Concen: 3.672 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:252 Resp: 56248

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.985 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37245

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	22.6	21.8	32.8