Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107091.D
Acq On : 3 Jul 2018 19:24
Operator : JU/SJ
Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

Quant Time: Jul 03 22:48:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	51659	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	180508	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	78343	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	164524	20.00	ng		0.00
75) Chrysene-d12	14.15	240	148316	20.00	ng		-0.02
86) Perylene-d12	15.69	264	111520	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	169089	55.43	ng		0.00
7) Phenol-d6	6.60	99	201541	52.90	ng		-0.01
23) Nitrobenzene-d5	7.52	82	105885	32.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	50844	55.99	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	208720	36.72	ng		-0.02
78) Terphenyl-d14	13.08	244	284978	46.54	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	13634	5.429	ng	#	74
25) Isophorone	7.52	82	105884	18.500	ng	#	64
49) Dimethylphthalate	9.70	163	21248	3.616	ng	#	95
50) 2,6-Dinitrotoluene	10.00	165	10409	8.366	ng	#	24
70) Phenanthrene	11.52	178	70845	8.928	ng		98
71) Anthracene	11.57	178	22890	2.826	ng		97
74) Fluoranthene	12.72	202	201884	23.082	ng		93
77) Pyrene	12.95	202	210147	21.487	ng		99
79) Butylbenzylphthalate	13.54	149	26897	6.689	ng	#	95
80) Benzo(a)anthracene	14.14	228	80094	8.860	ng		97
82) Chrysene	14.17	228	66837	8.037	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	16217	2.298	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	65397	9.440	ng		97
88) Benzo(k)fluoranthene	15.23	252	65397	9.913	ng		97
89) Benzo(a)pyrene	15.62	252	33922	5.508	ng		96
91) Benzo(g,h,i)perylene	17.76	276	19794	3.880	ng	#	87

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

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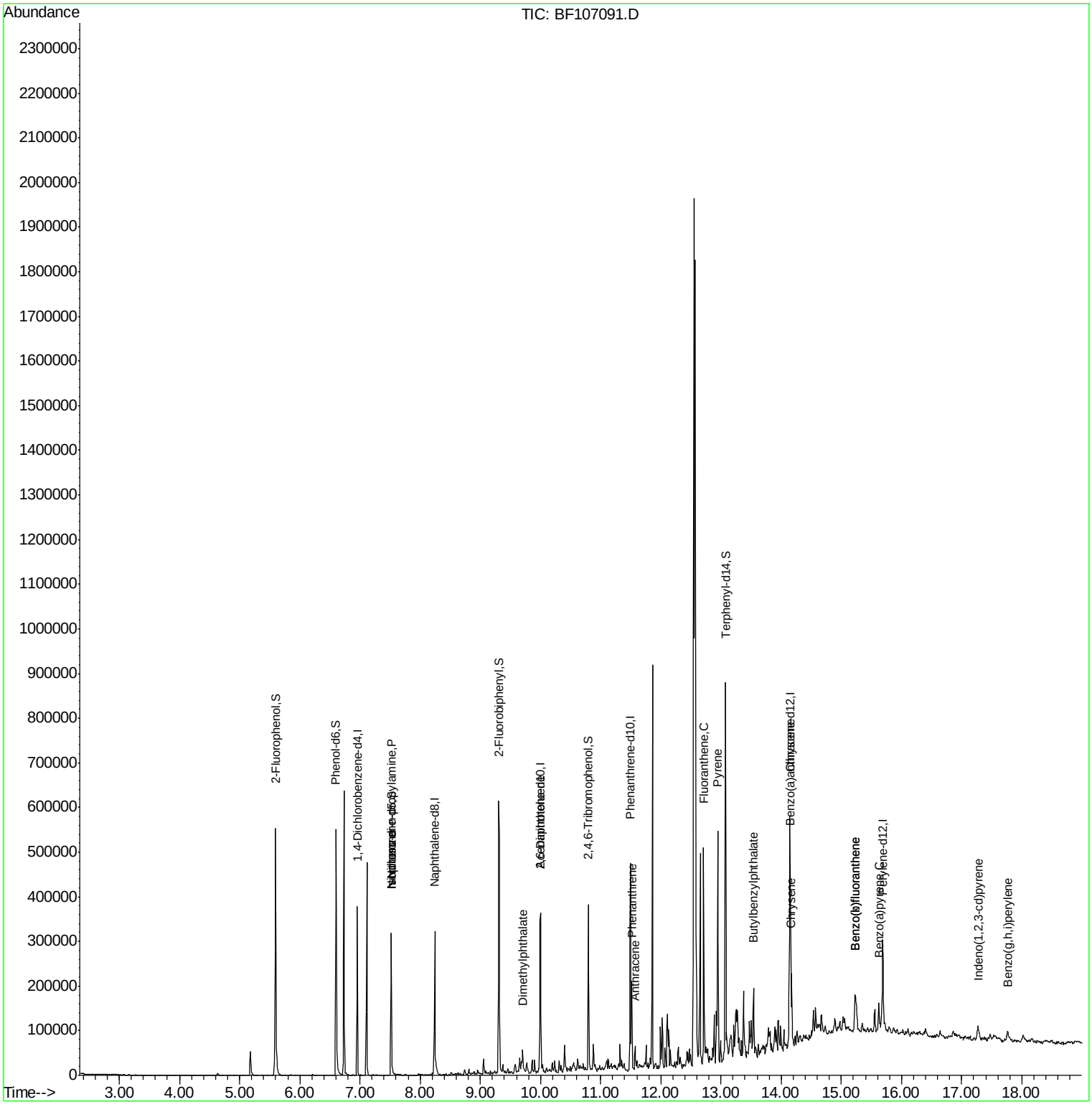
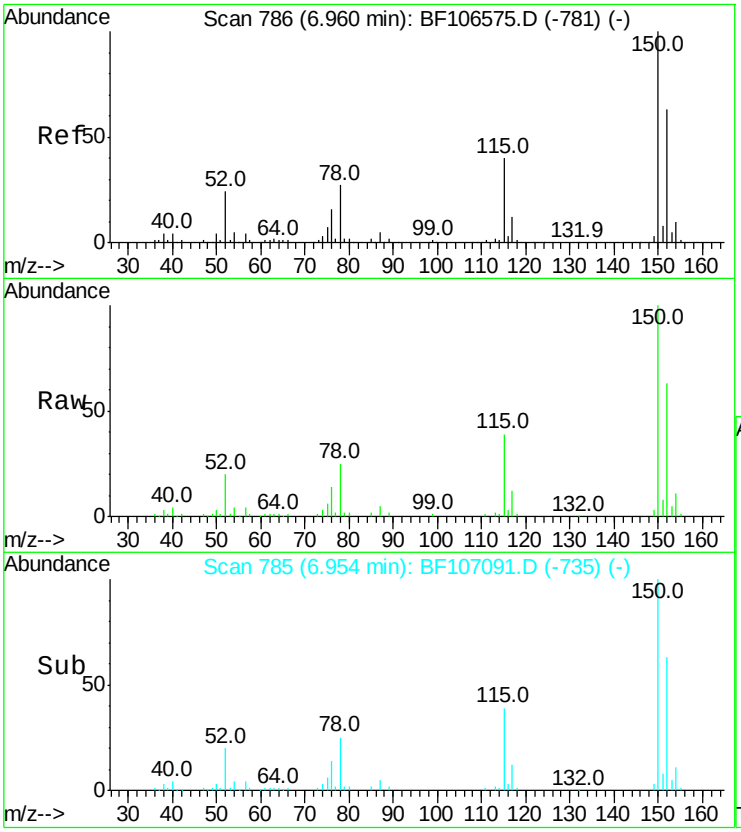


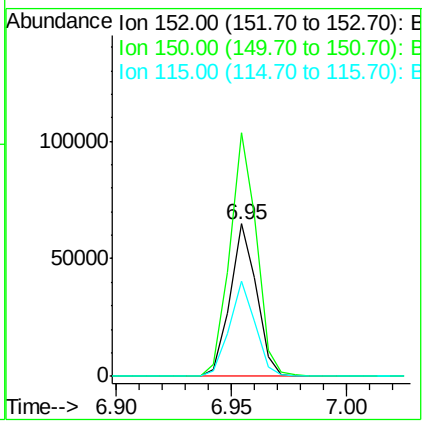


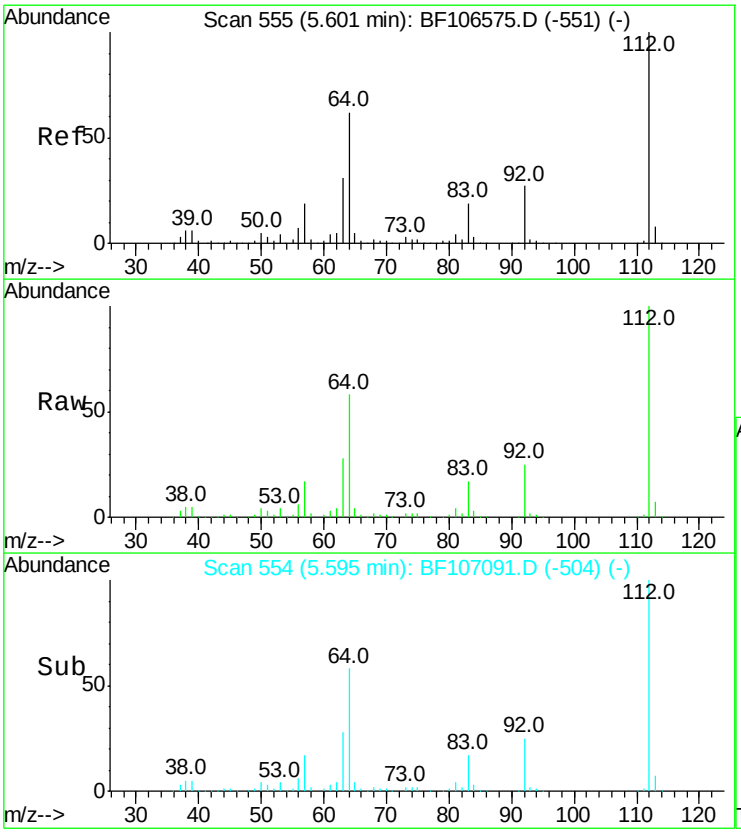
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:152 Resp: 51659

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	62.3	50.1	75.1

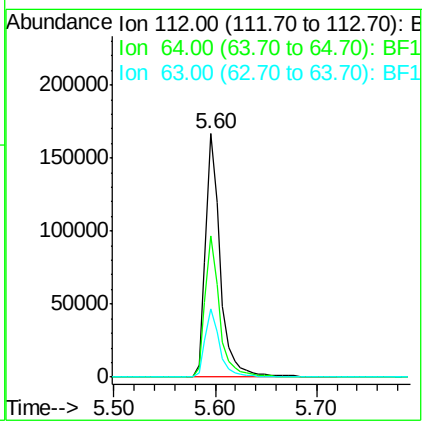


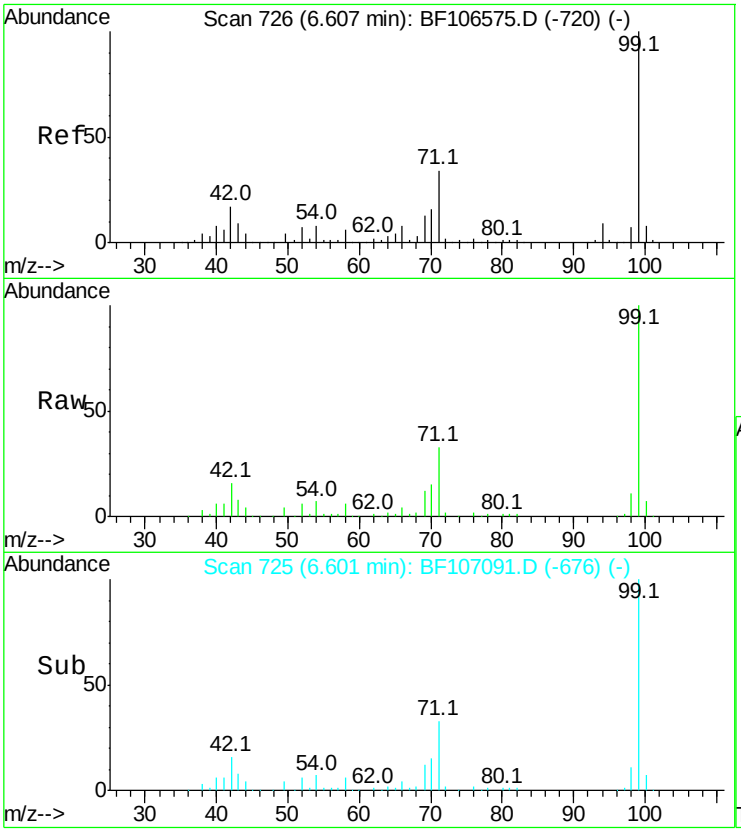


#5
2-Fluorophenol
Concen: 55.425 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:112 Resp: 169089

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	28.3	23.7	35.5



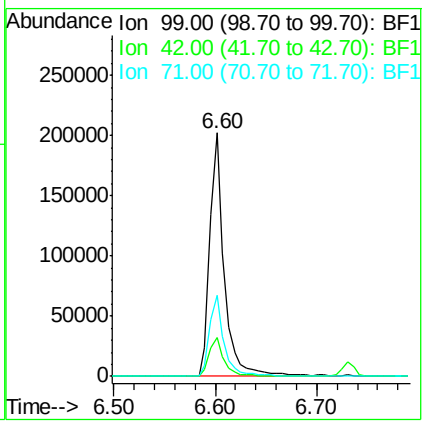


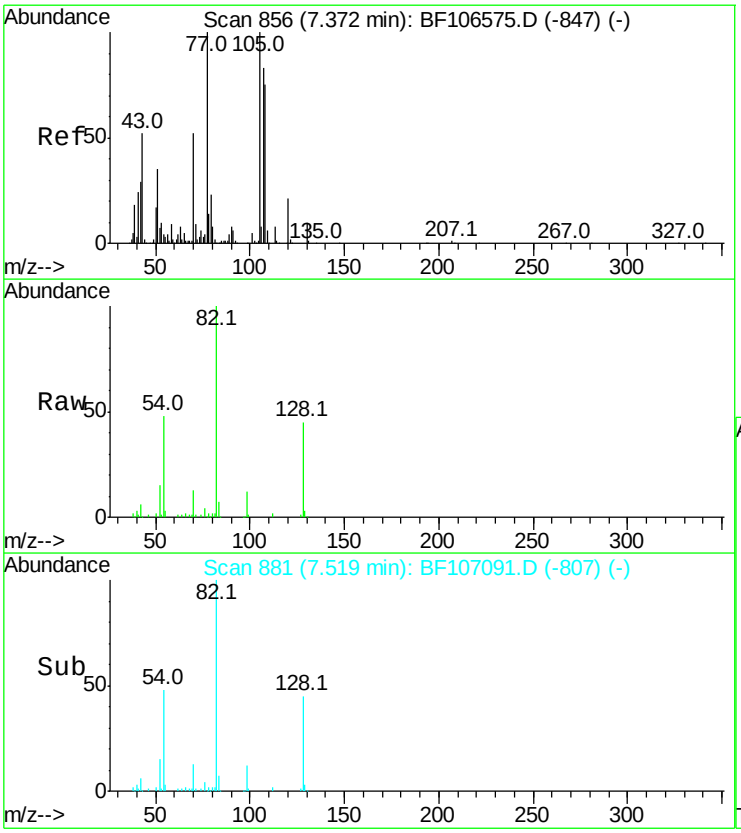
#7
Phenol-d6
Concen: 52.901 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion: 99 Resp: 201541

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.2	25.4	38.0

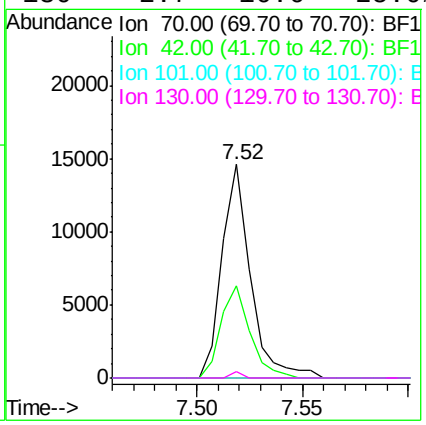


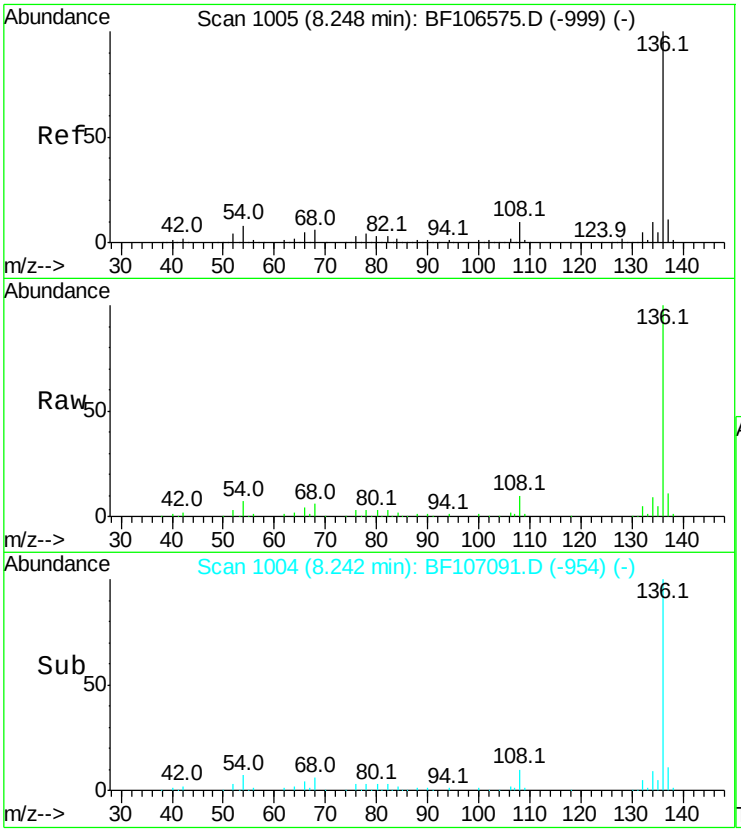


#19
n-Nitroso-di-n-propylamine
Concen: 5.429 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion: 70 Resp: 13634

Ion	Ratio	Lower	Upper
70	100		
42	43.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



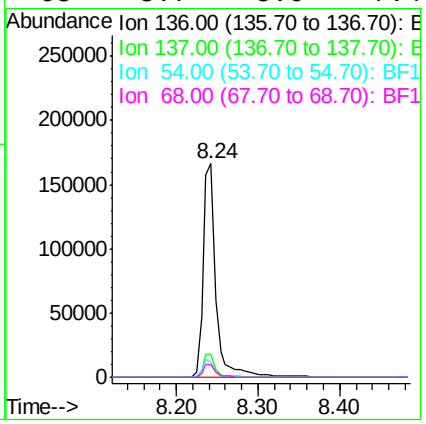


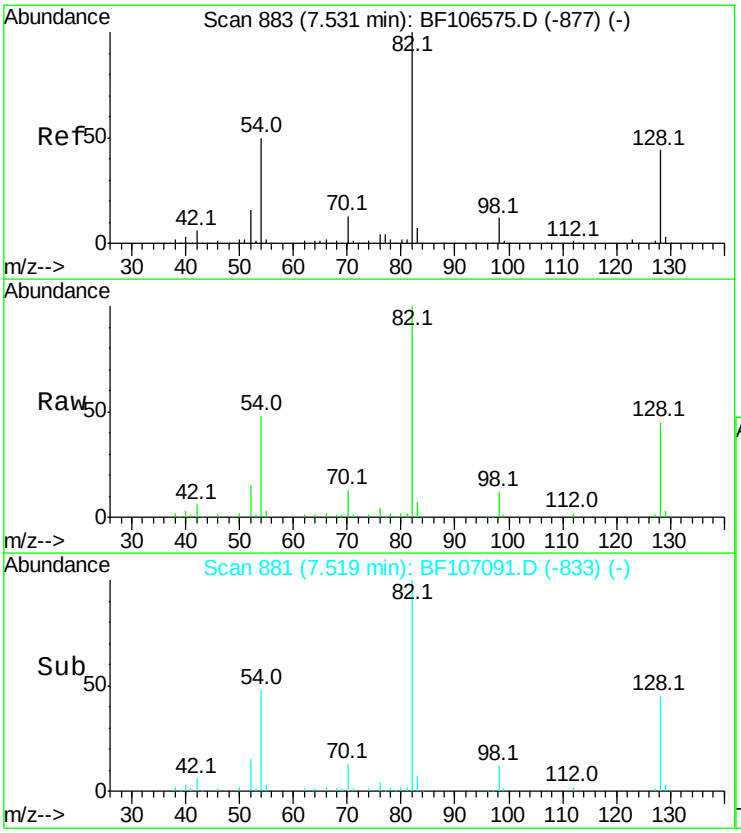
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:136 Resp: 180508

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

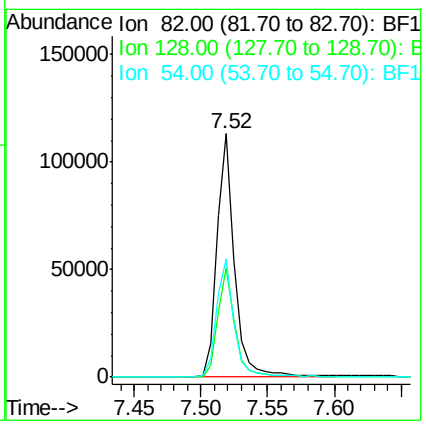


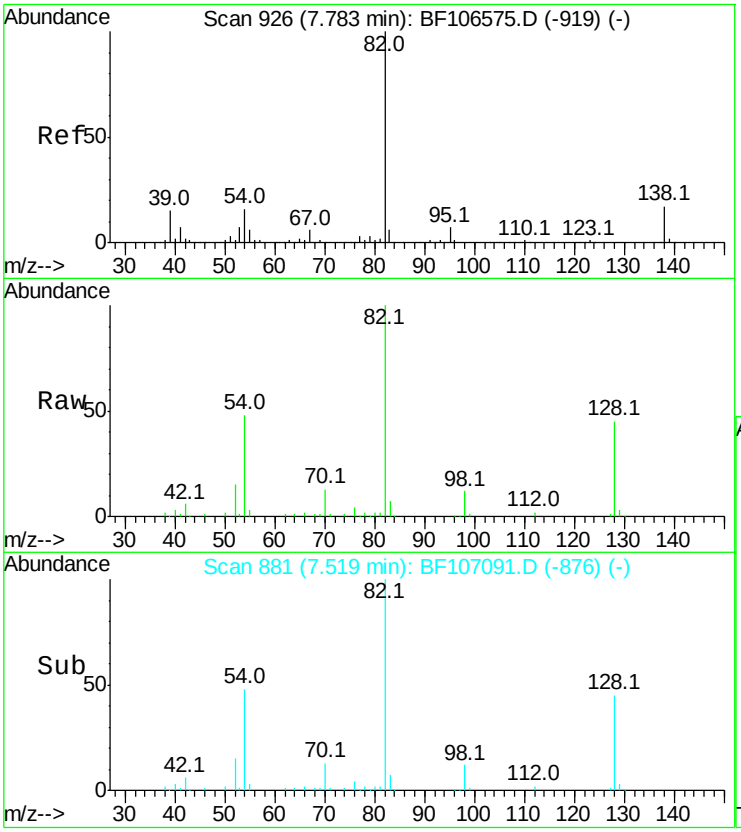


#23
Nitrobenzene-d5
Concen: 32.599 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion: 82 Resp: 105885

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	48.3	41.4	62.2



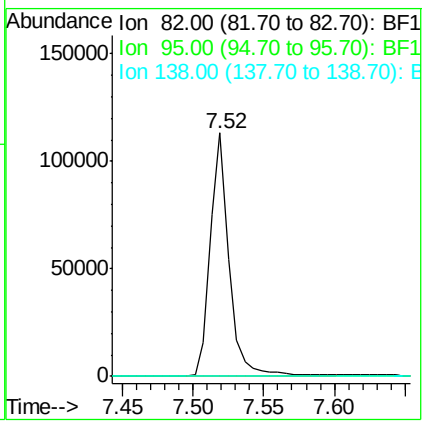


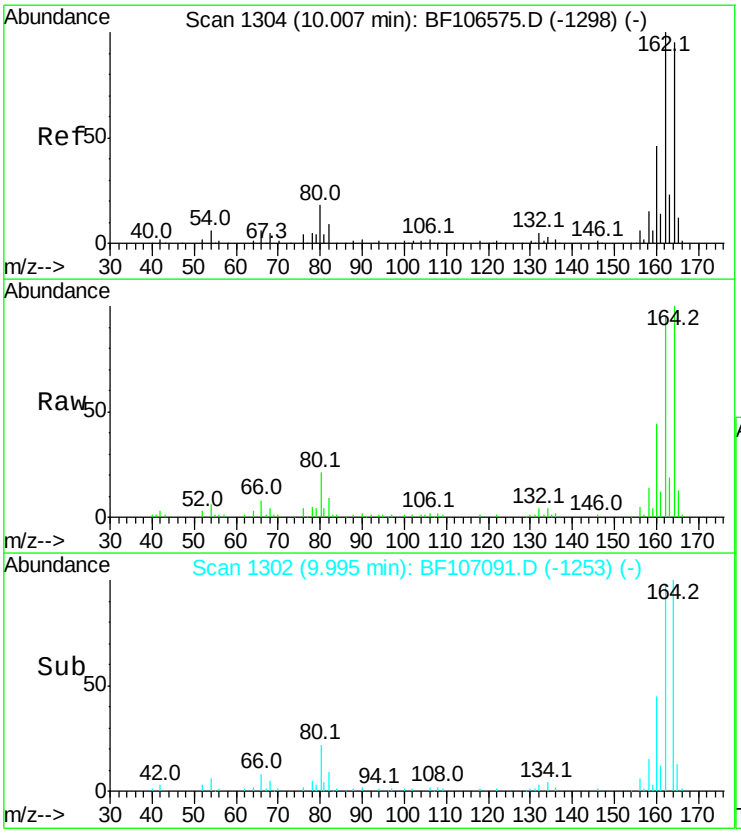
#25
Isophorone
Concen: 18.500 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion: 82 Resp: 105884

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

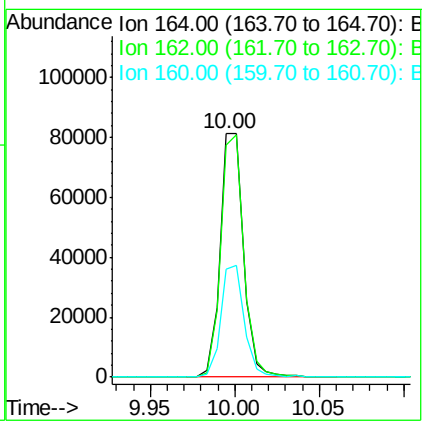


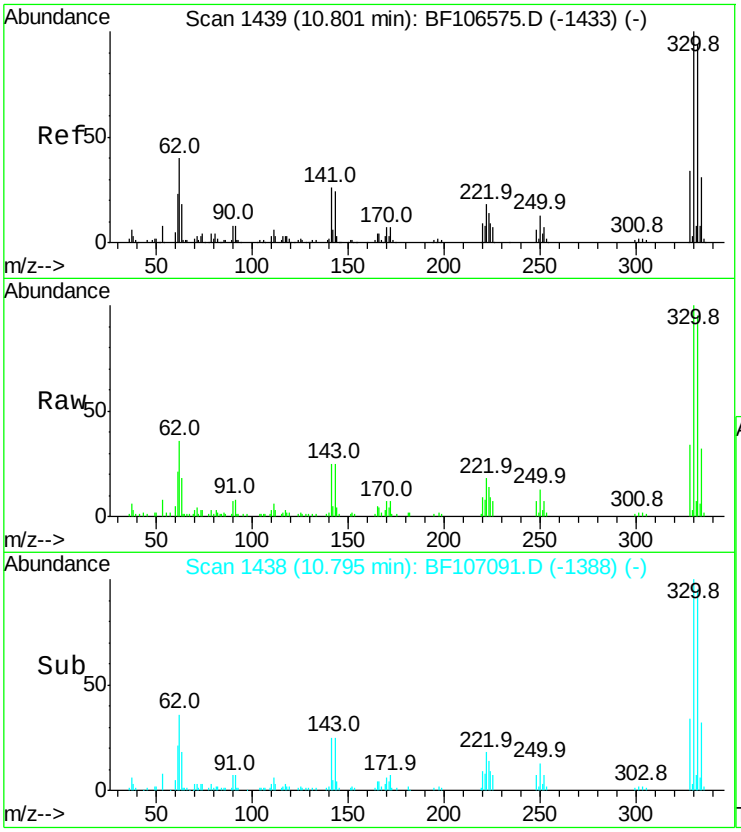


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:164 Resp: 78343

Ion	Ratio	Lower	Upper
164	100		
162	95.1	86.1	129.1
160	44.1	38.3	57.5



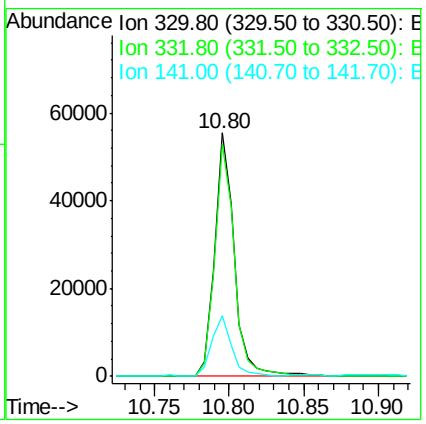


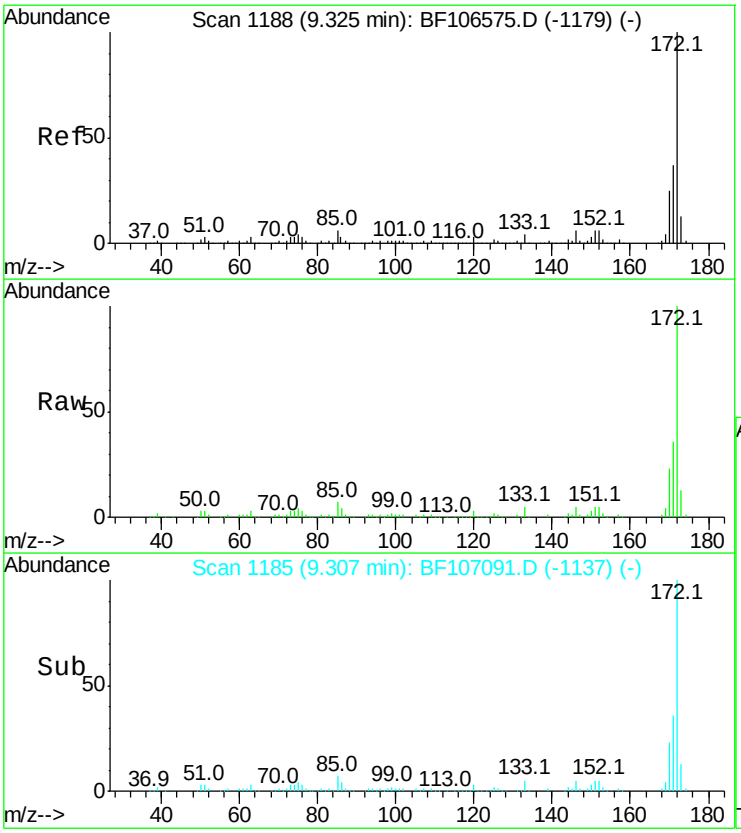
#41
2,4,6-Tribromophenol
Concen: 55.995 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:330 Resp: 50844

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	25.4	29.9	44.9#

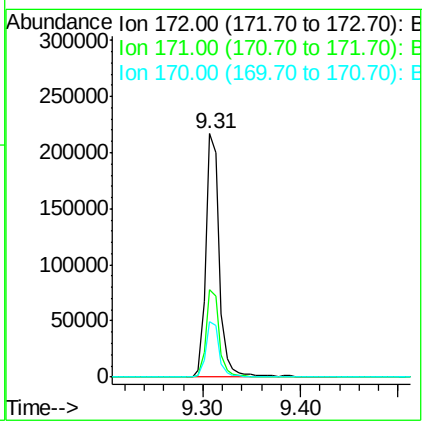


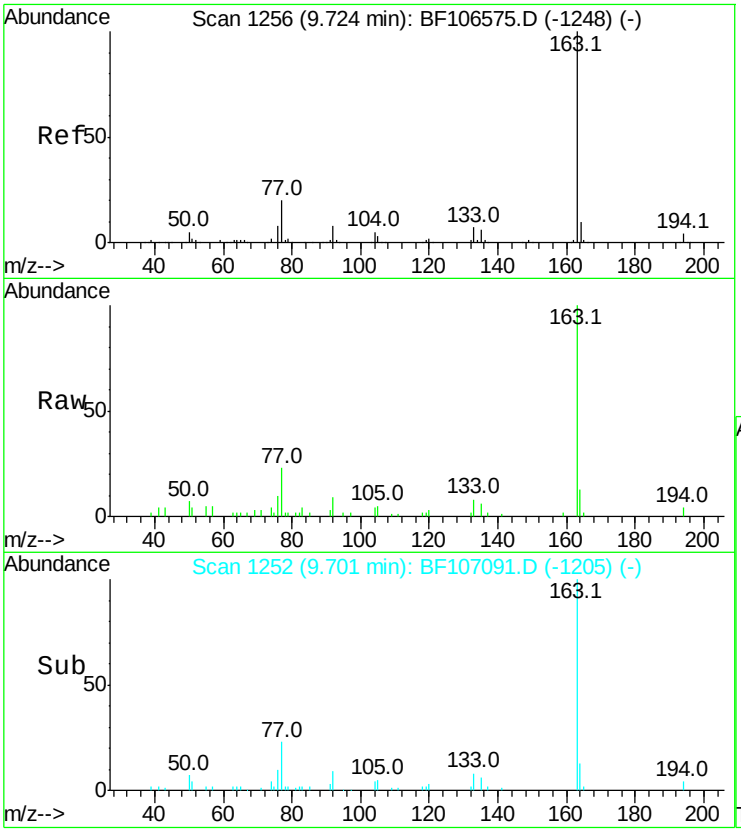


#44
2-Fluorobiphenyl
Concen: 36.715 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:172 Resp: 208720

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	22.9	19.6	29.4



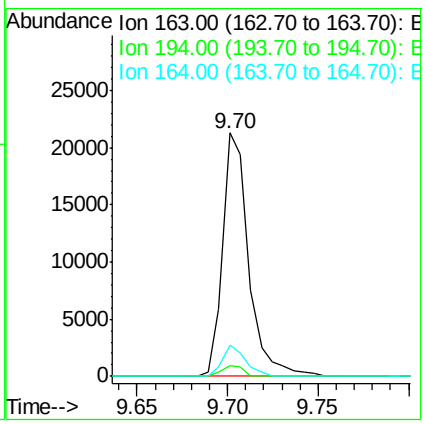


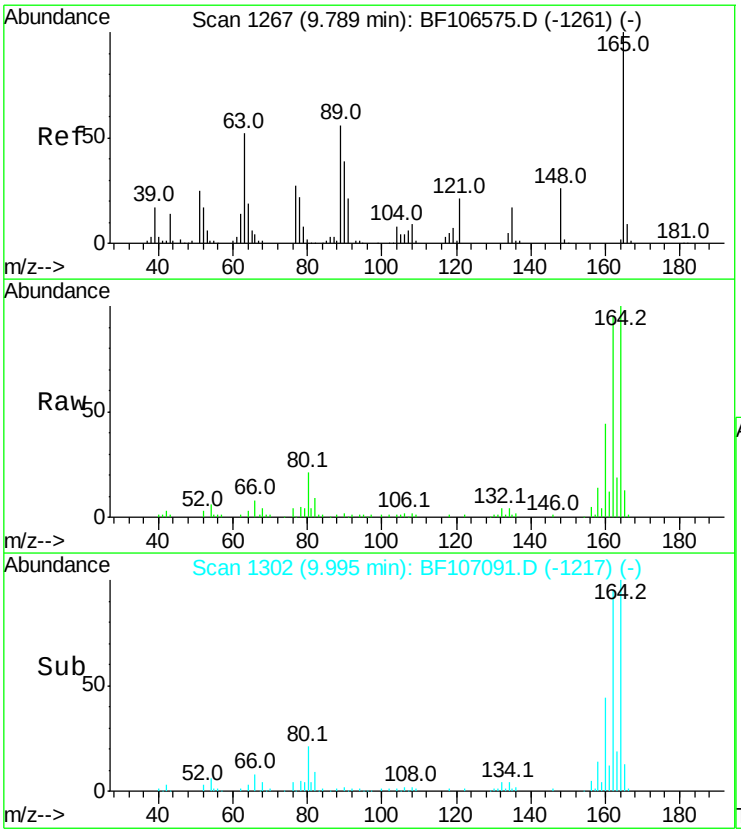
#49
Dimethylphthalate
Concen: 3.616 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:163 Resp: 21248

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	12.6	8.2	12.2#

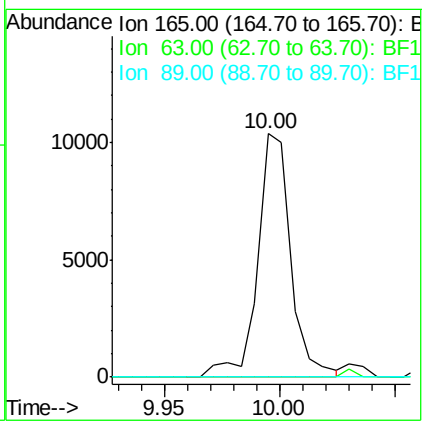


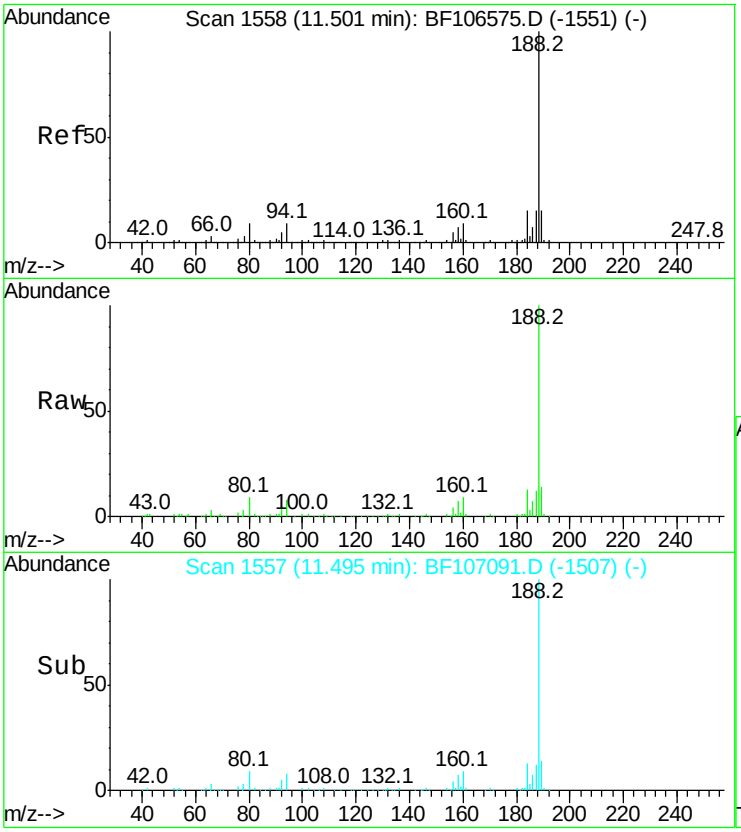


#50
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:165 Resp: 10409

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



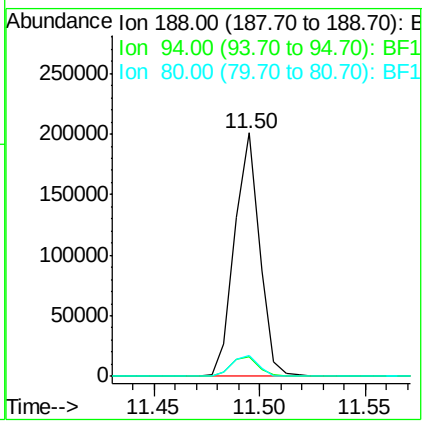


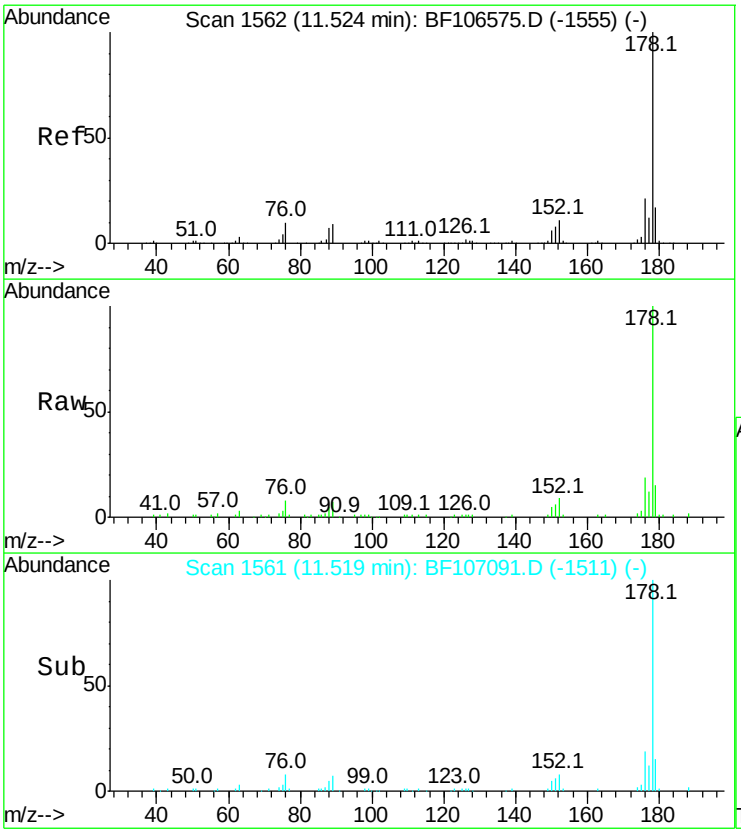
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:188 Resp: 164524

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.8	9.2	13.8#

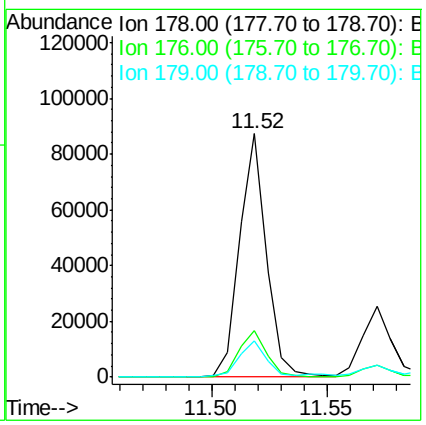


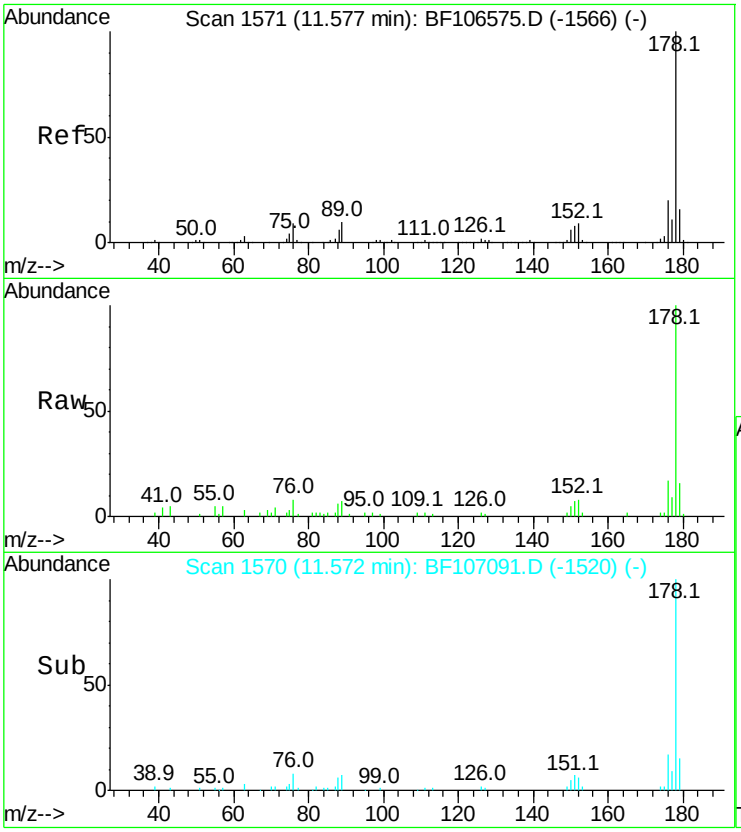


#70
Phenanthrene
Concen: 8.928 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:178 Resp: 70845

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6



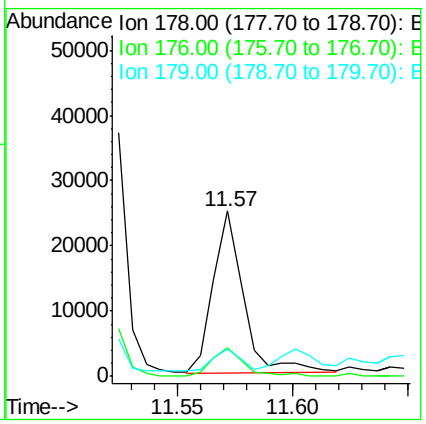


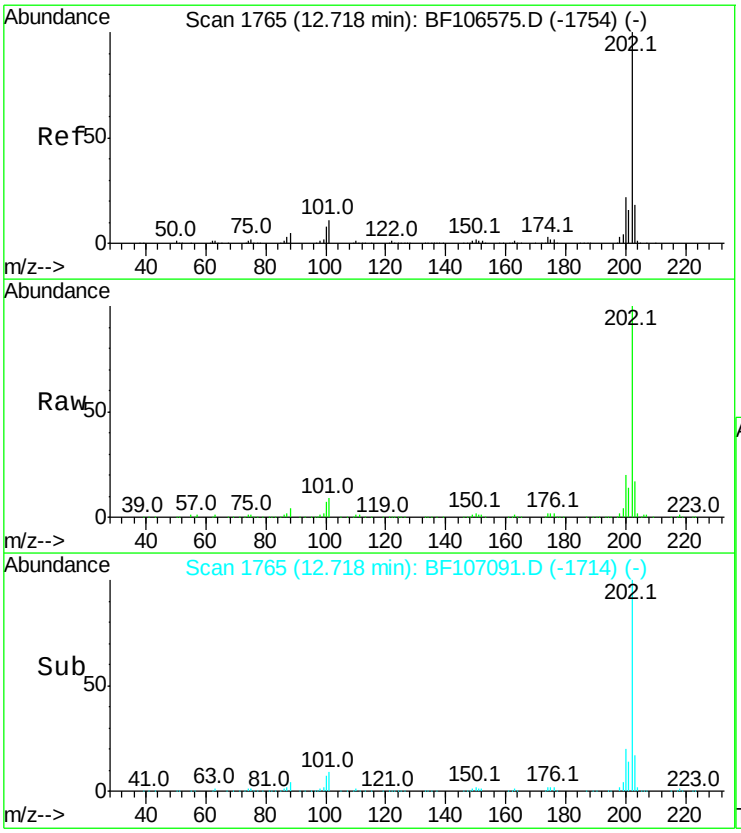
#71
Anthracene
Concen: 2.826 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:178 Resp: 22890

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.2
179	16.2	12.6	19.0

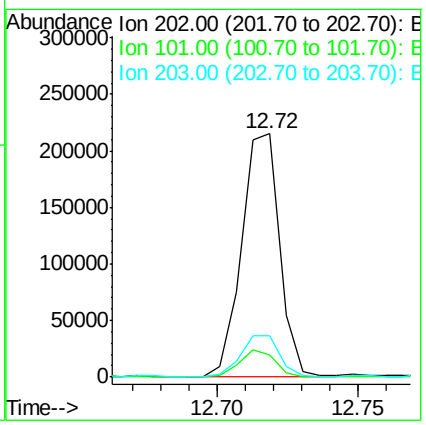


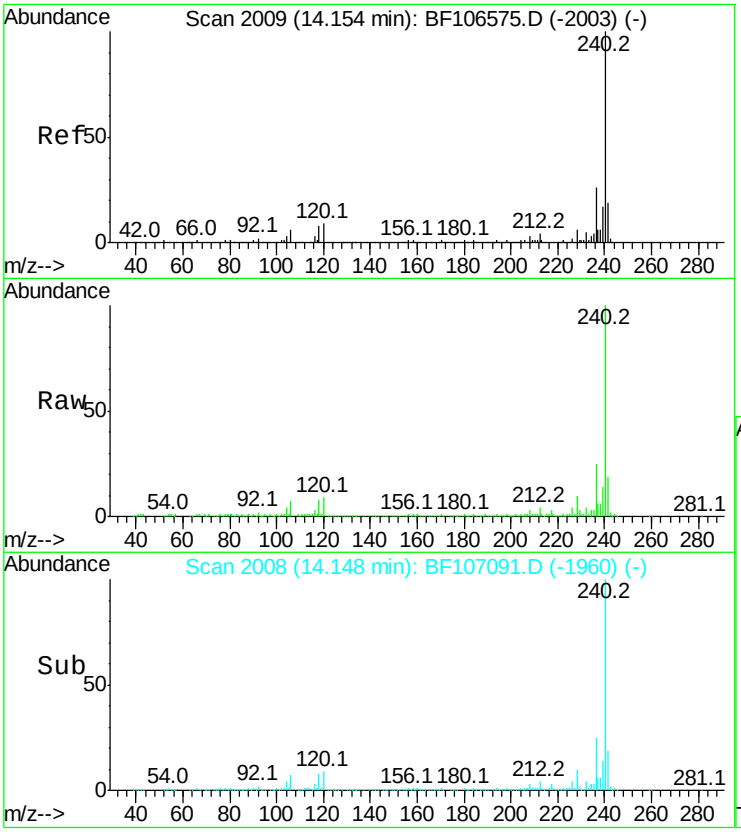


#74
Fluoranthene
Concen: 23.082 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:202 Resp: 201884

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	16.9	0.0	38.1



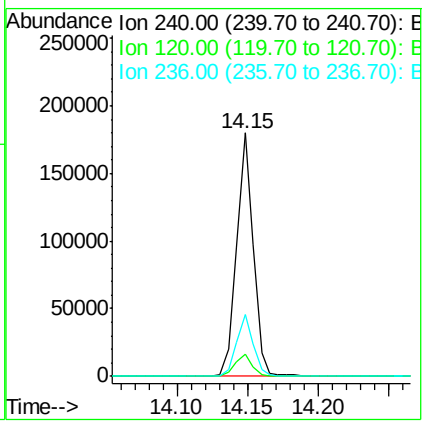


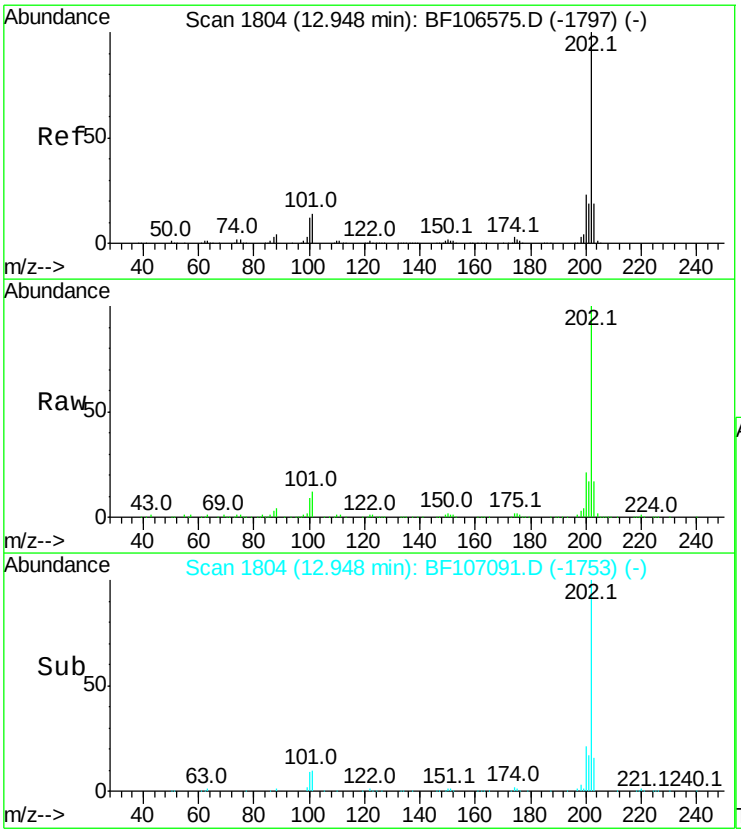
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:240 Resp: 148316

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.3	20.7	31.1

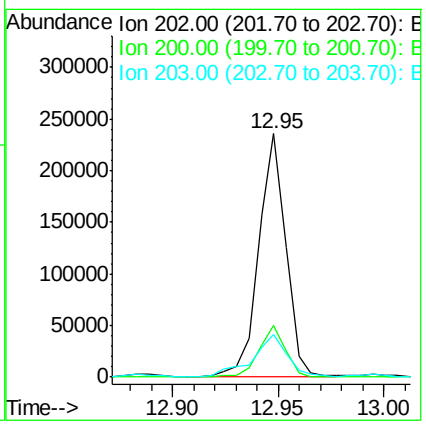


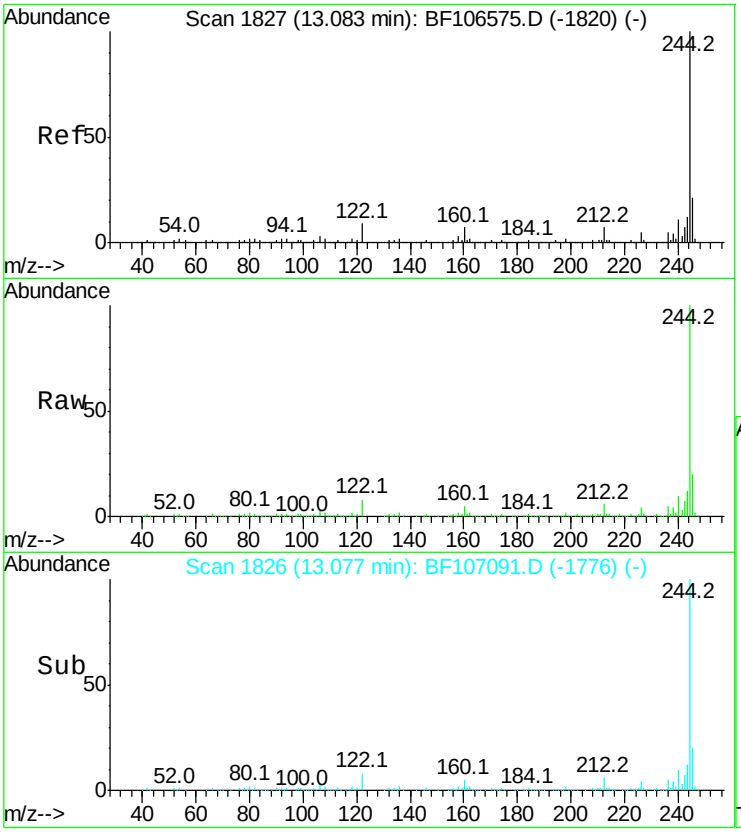


#77
Pyrene
Concen: 21.487 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:202 Resp: 210147

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5



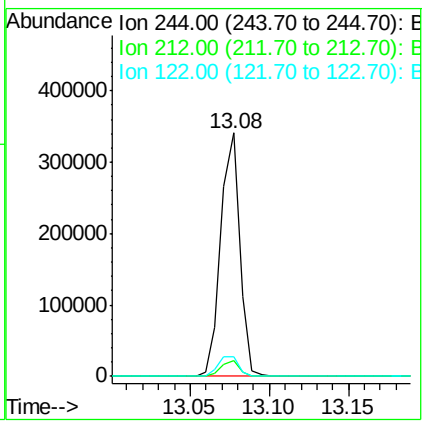


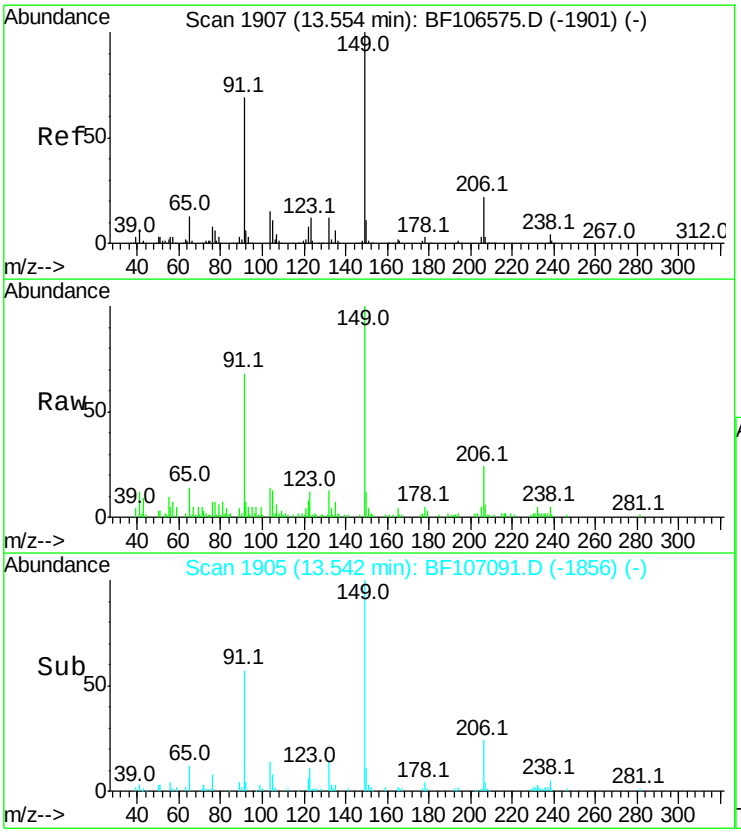
#78
Terphenyl-d14
Concen: 46.543 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument : BNA_F
ClientSampleId : NB-08-062918

Tgt Ion:244 Resp: 284978

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	7.9	11.0	16.4#

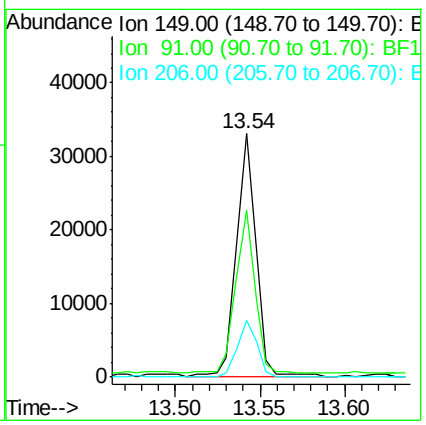


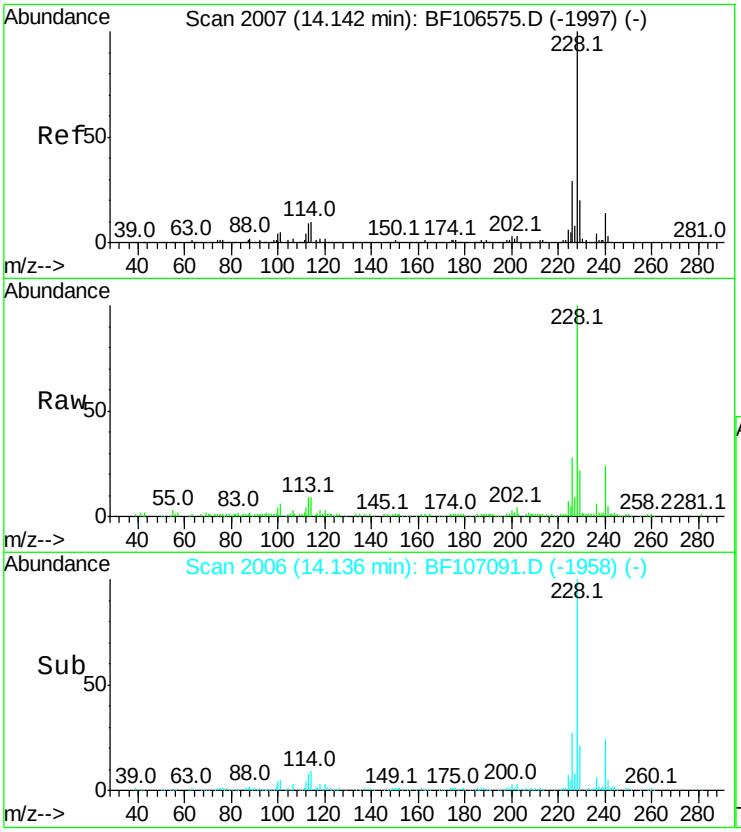


#79
Butylbenzylphthalate
Concen: 6.689 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:149 Resp: 26897

Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	23.5	14.1	21.1#



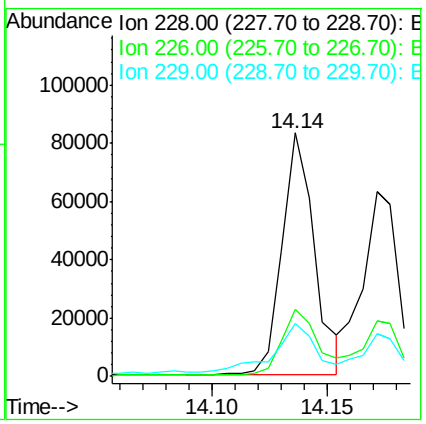


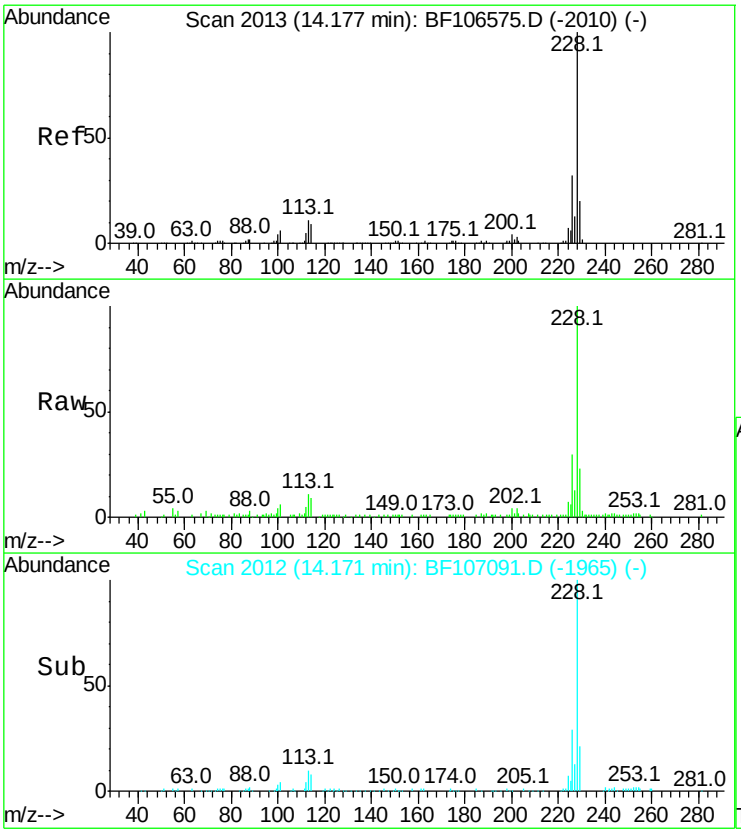
#80
Benzo(a)anthracene
Concen: 8.860 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:228 Resp: 80094

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.8	15.8	23.6

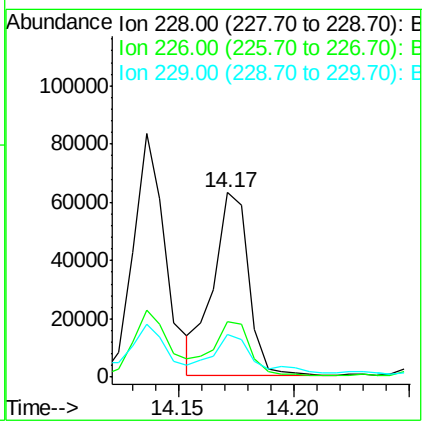


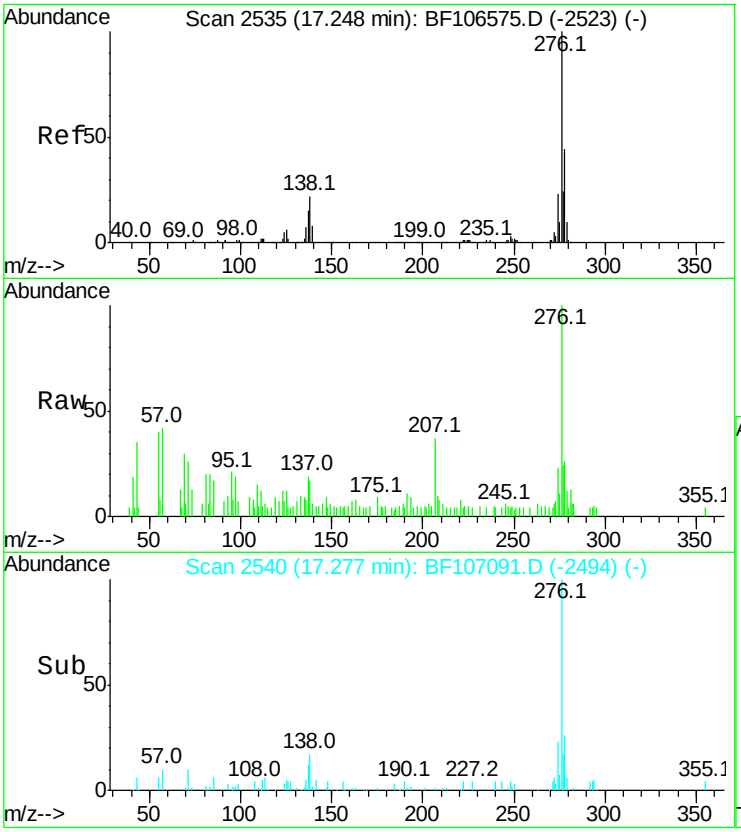


#82
Chrysene
Concen: 8.037 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:228 Resp: 66837

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	23.4	16.2	24.4



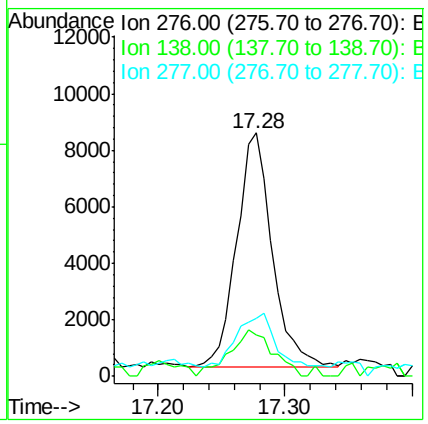


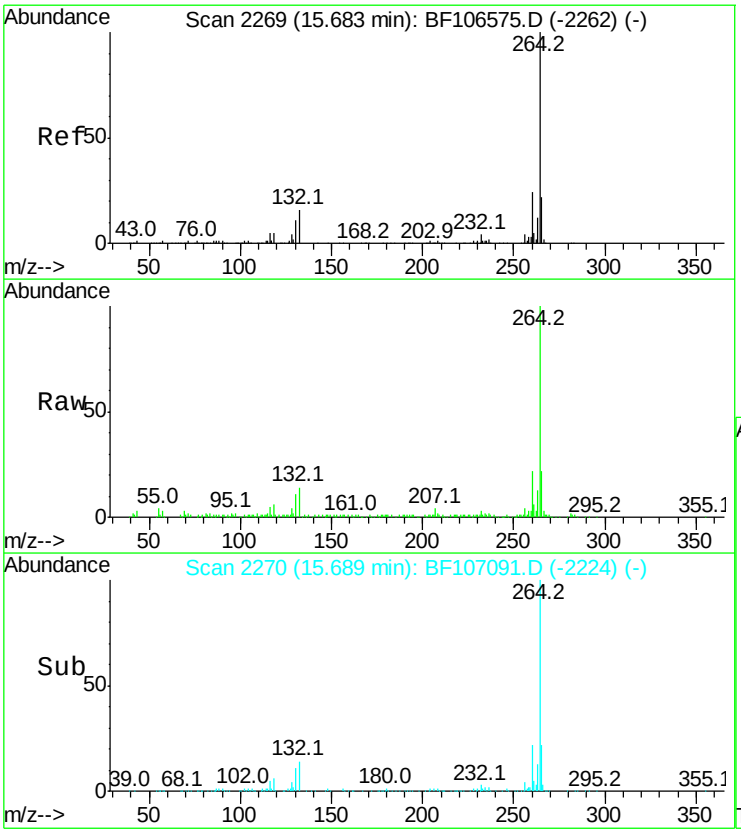
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.298 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:276 Resp: 16217

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	24.5	20.1	30.1

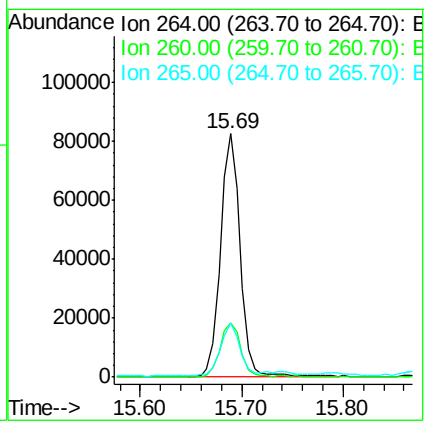


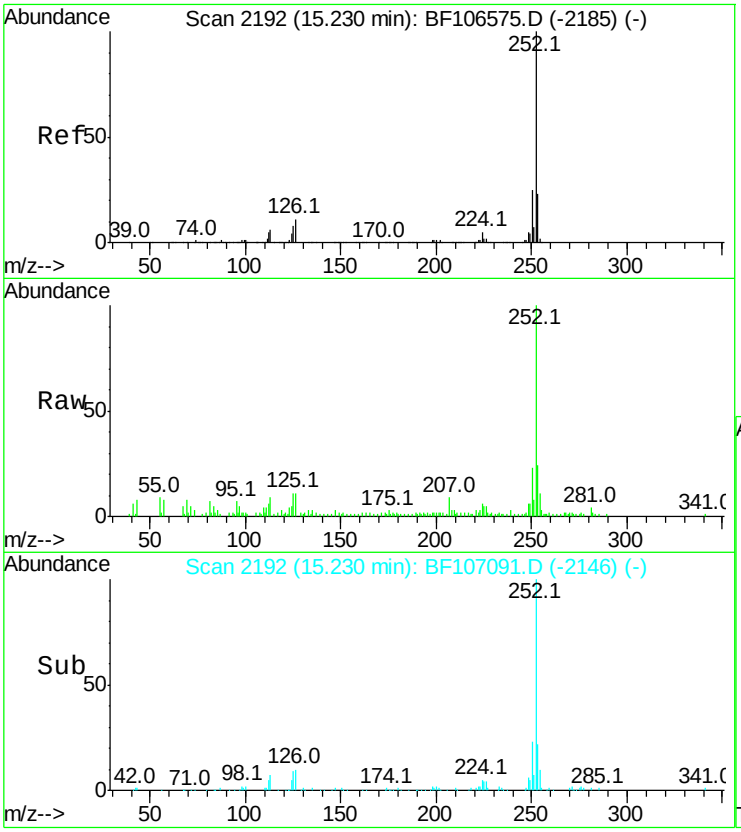


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:264 Resp: 111520

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	22.4	17.5	26.3



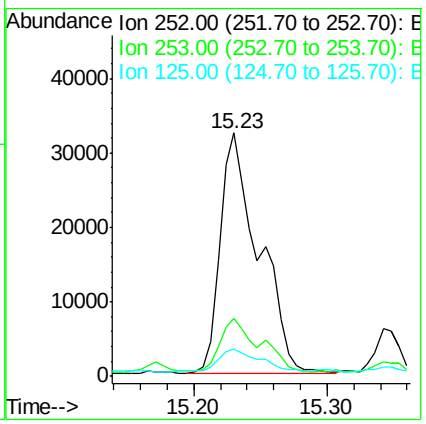


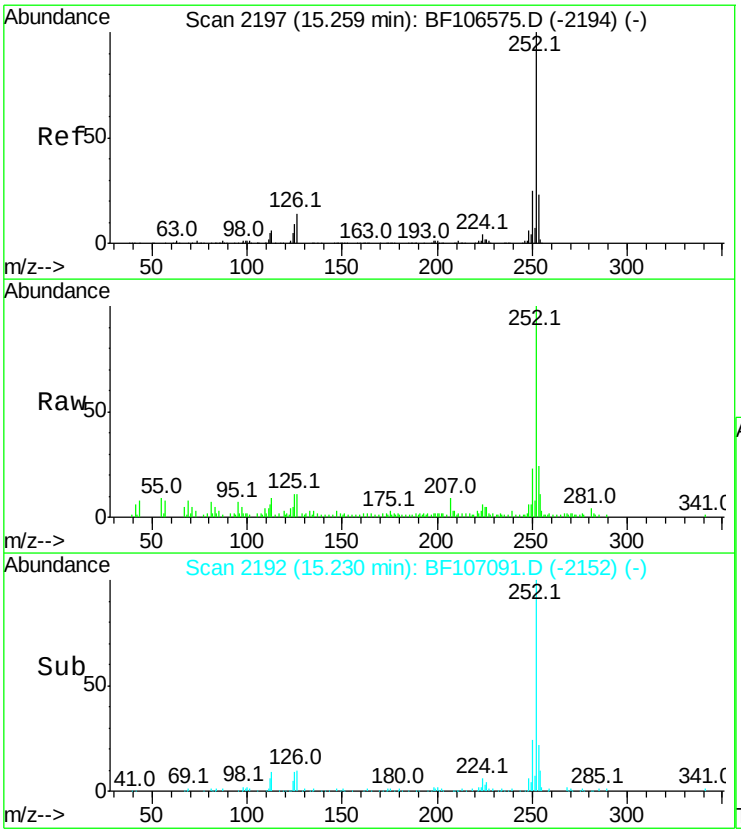
#87
Benzo(b)fluoranthene
Concen: 9.440 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:252 Resp: 65397

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	11.2	9.0	13.6

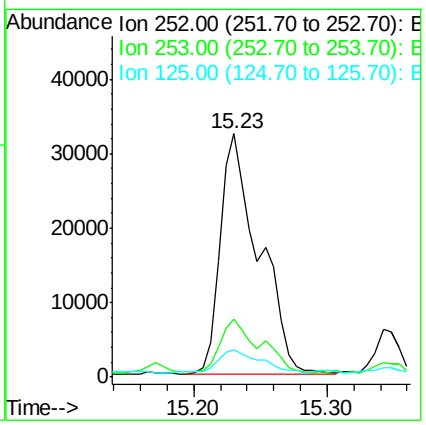


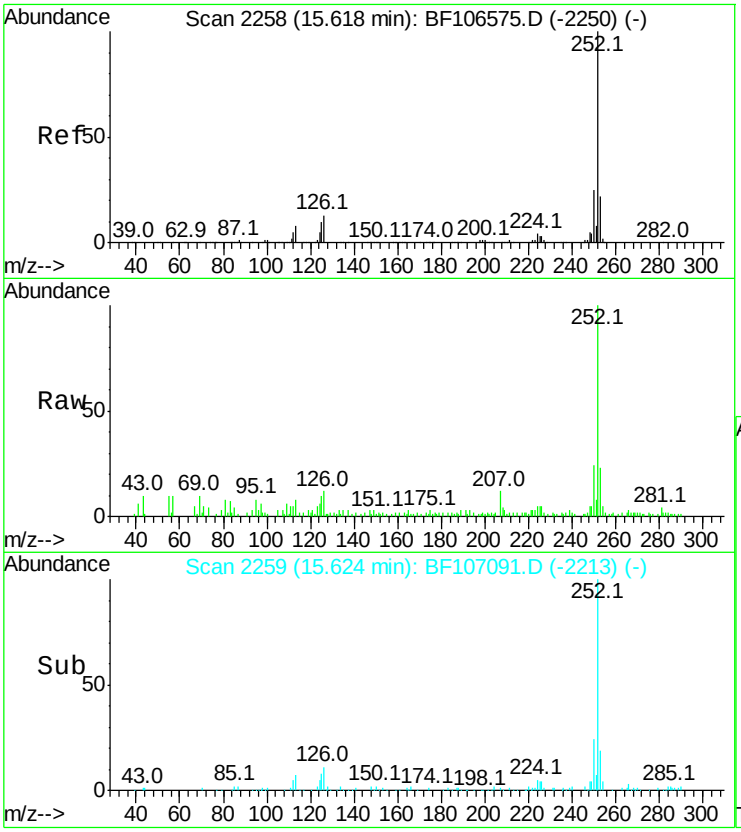


#88
Benzo(k)fluoranthene
Concen: 9.913 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:252 Resp: 65397

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	11.2	10.2	15.2



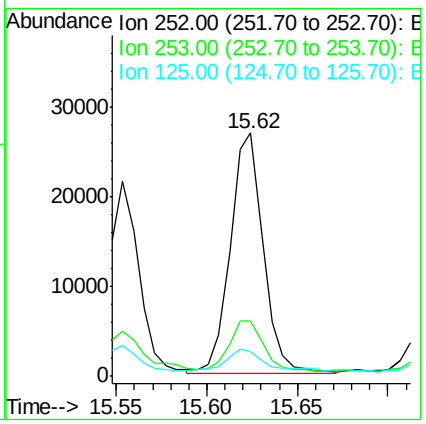


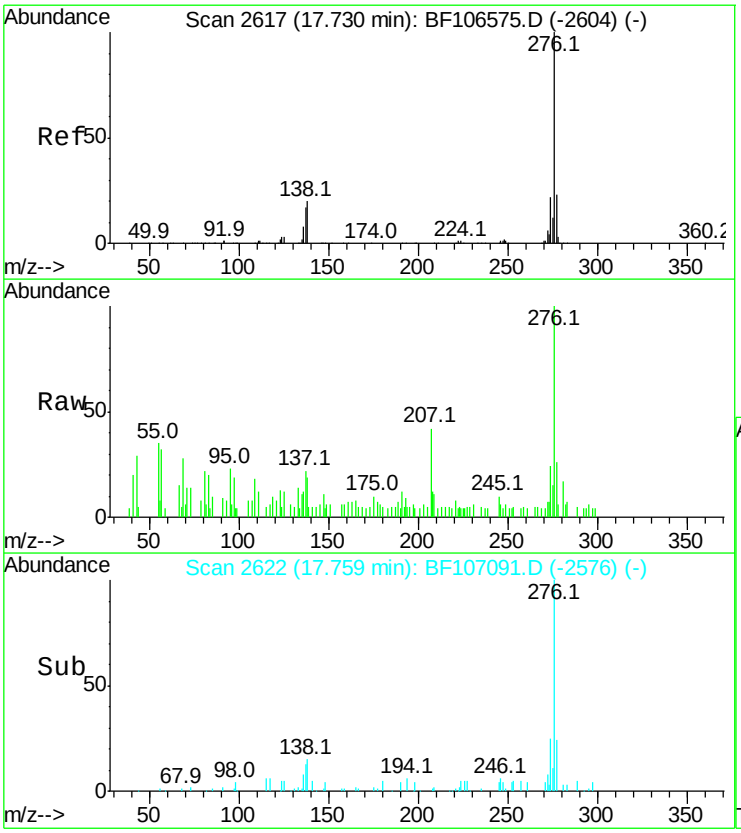
#89
Benzo(a)pyrene
Concen: 5.508 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Instrument :
BNA_F
ClientSampleId :
NB-08-062918

Tgt Ion:252 Resp: 33922

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.880 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.03 min
Lab File: BF107091.D
Acq: 3 Jul 2018 19:24

Tgt Ion:276 Resp: 19794

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	18.6	21.8	32.8#