Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107014.D
Acq On : 30 Jun 2018 15:02
Operator : JU/SJ
Sample : J3600-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 02 04:05:26 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	63509	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	230639	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	99072	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	186471	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	213905	20.00	ng		-0.02
86) Perylene-d12	15.69	264	153864	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	76000	20.26	ng		-0.01
7) Phenol-d6	6.60	99	91615	19.56	ng		-0.02
23) Nitrobenzene-d5	7.51	82	51326	12.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	21469	18.70	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	103837	3.62	ng		-0.02
78) Terphenyl-d14	13.07	244	126279	14.30	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	6349	2.056	ng	#	80
25) Isophorone	7.51	82	51325	7.018	ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	12441	7.907	ng	#	25
56) 2,4-Dinitrotoluene	10.00	165	12441	6.058	ng	#	23
70) Phenanthrene	11.51	178	141366	15.718	ng		99
71) Anthracene	11.57	178	45122	4.915	ng		98
74) Fluoranthene	12.71	202	242323	24.445	ng		94
77) Pyrene	12.94	202	218154	15.466	ng		98
80) Benzo(a)anthracene	14.14	228	133417	10.234	ng		99
82) Chrysene	14.17	228	114855	9.576	ng		96
83) Bis(2-ethylhexyl)phthalate	14.09	149	16584	2.237	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	42321	4.158	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	173512	18.154	ng		97
88) Benzo(k)fluoranthene	15.24	252	173512	19.063	ng	#	96
89) Benzo(a)pyrene	15.62	252	81896	9.638	ng		96
91) Benzo(g,h,i)perylene	17.75	276	38580	5.481	ng	#	85

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

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Misc :
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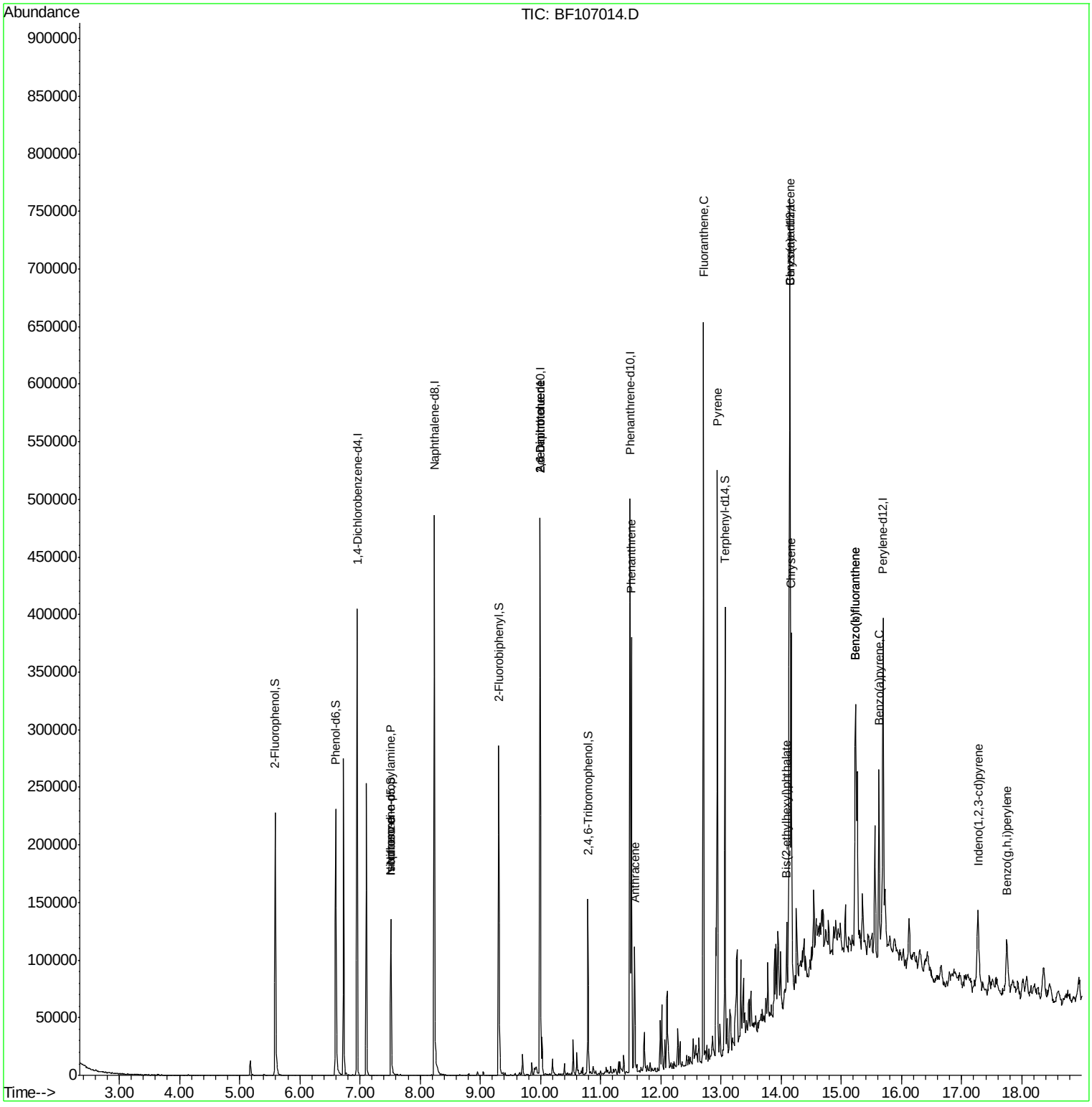
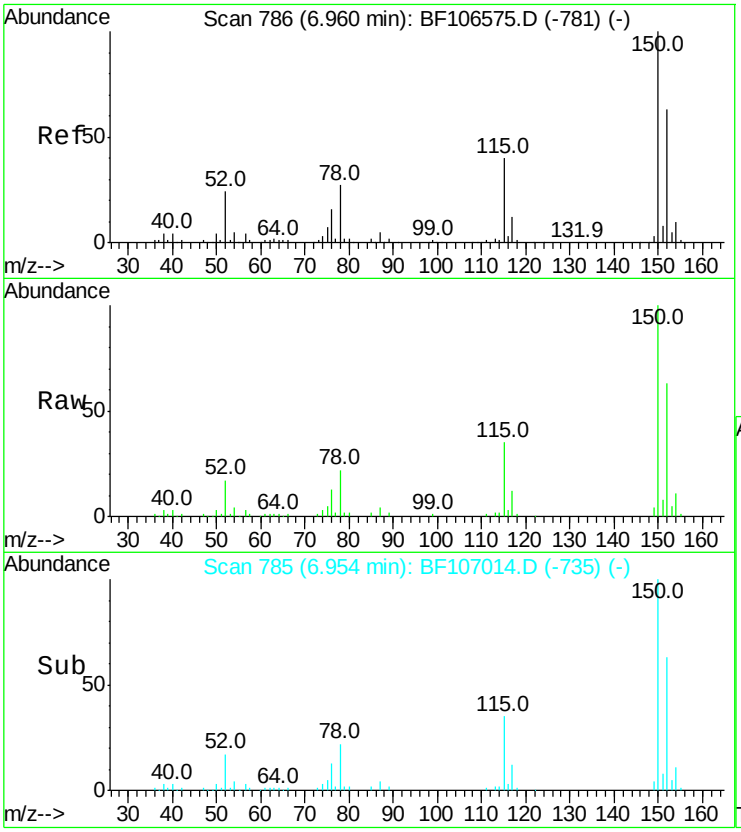


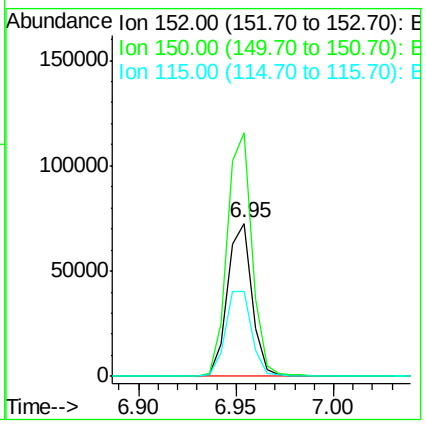


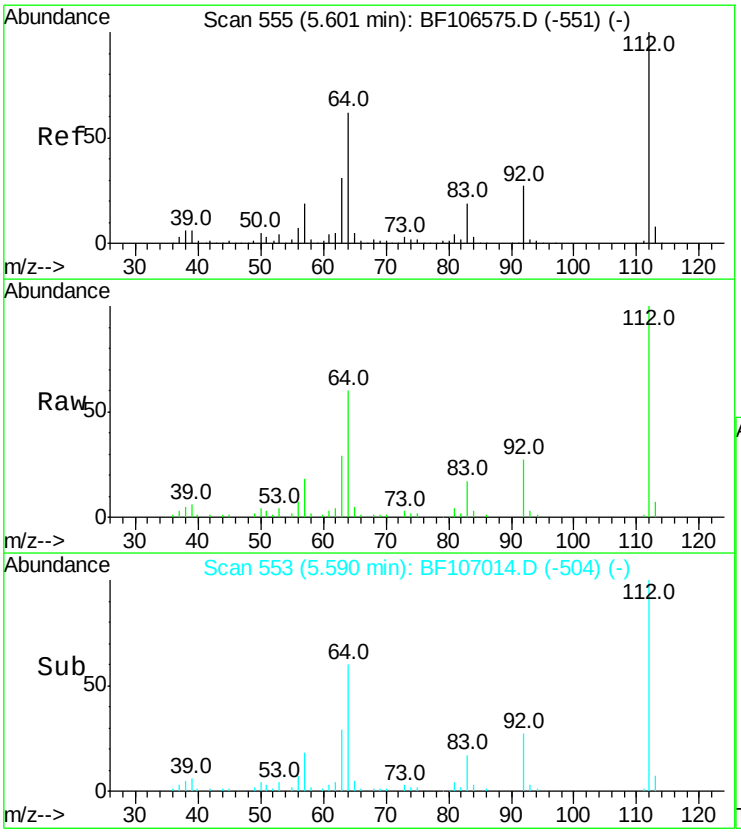
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63509

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	55.7	50.1	75.1

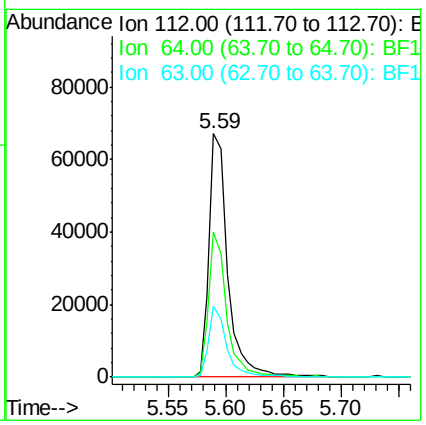


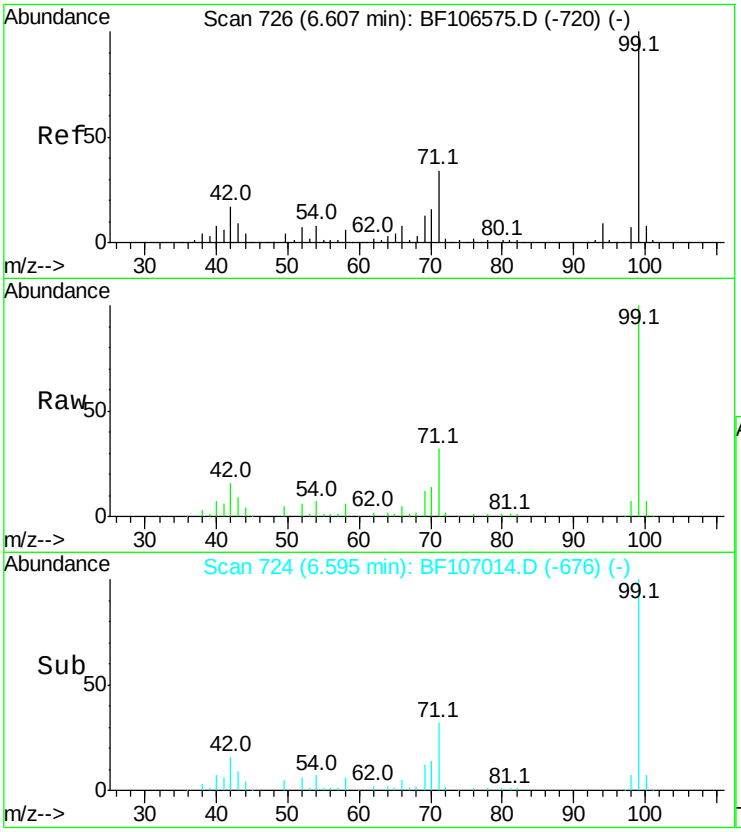


#5
2-Fluorophenol
Concen: 20.264 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:112 Resp: 76000

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	28.9	23.7	35.5



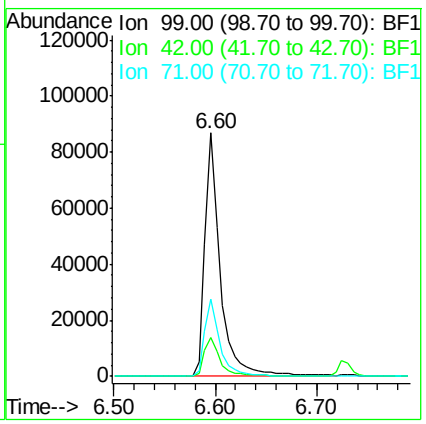


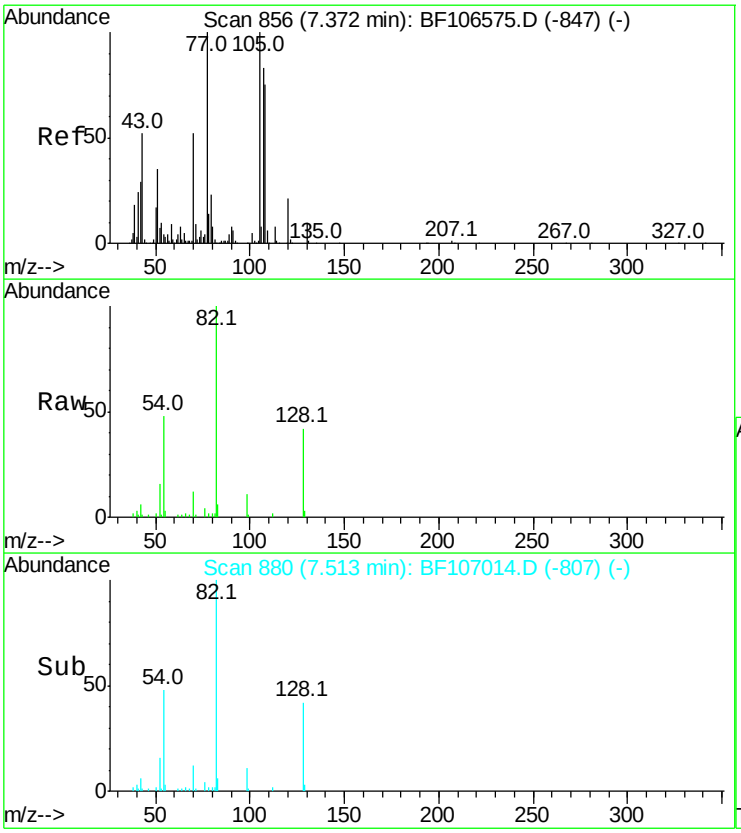
#7
Phenol-d6
Concen: 19.560 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 91615

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	31.7	25.4	38.0

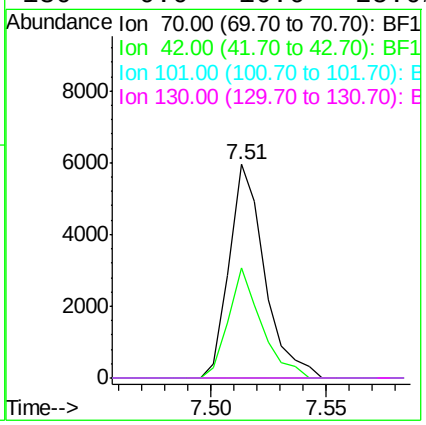


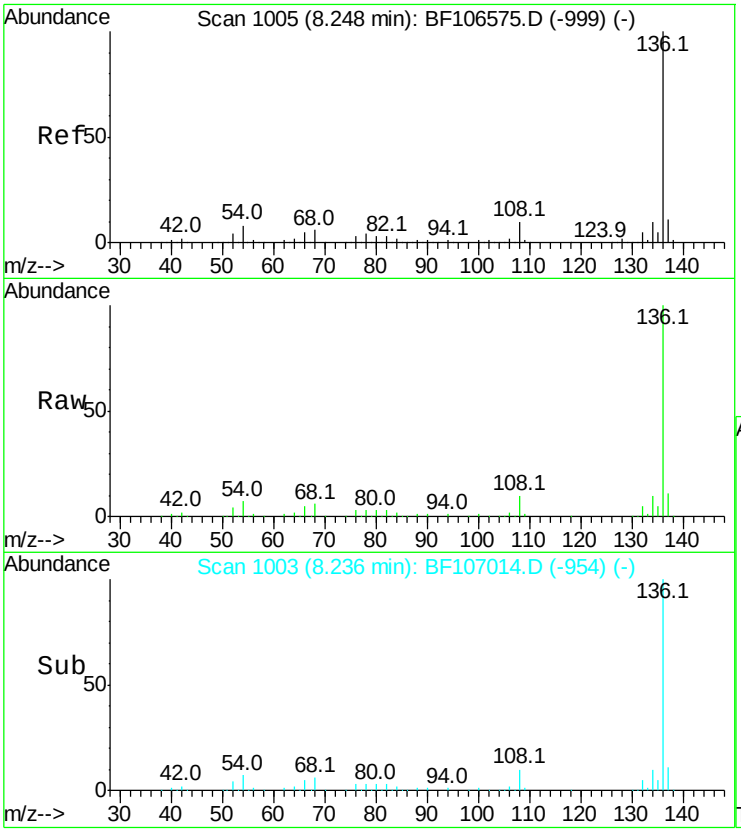


#19
n-Nitroso-di-n-propylamine
Concen: 2.056 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion: 70 Resp: 6349

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



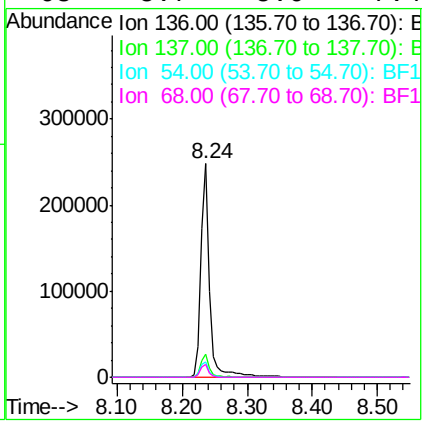


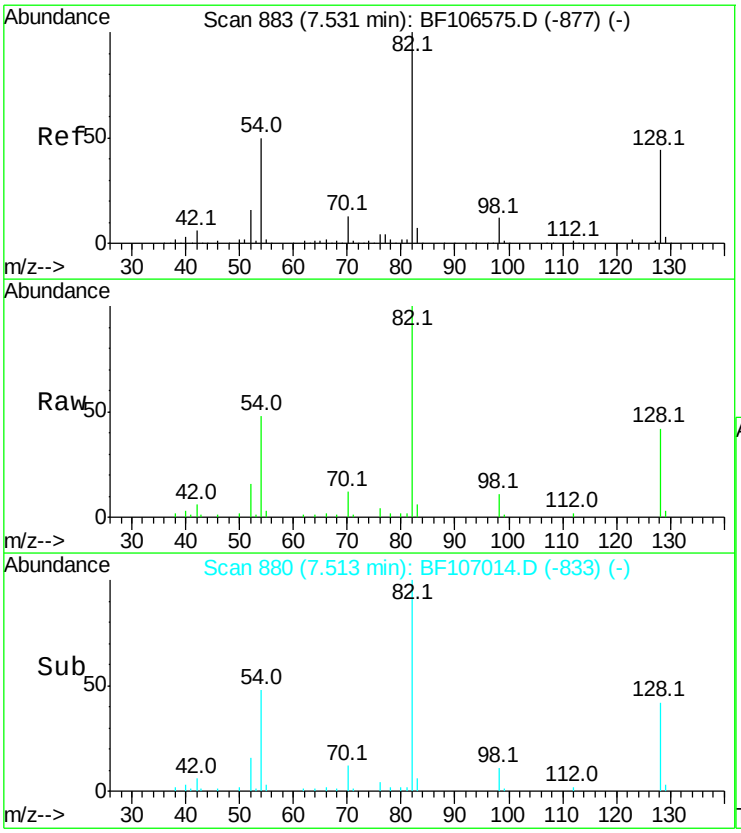
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 230639

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4

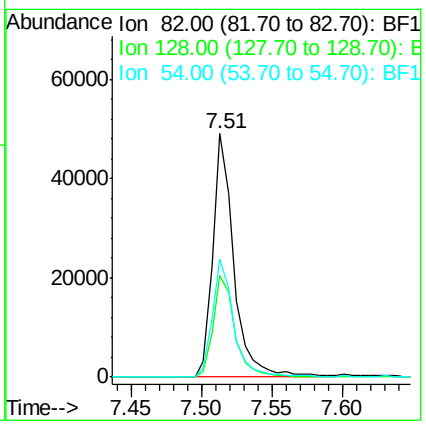


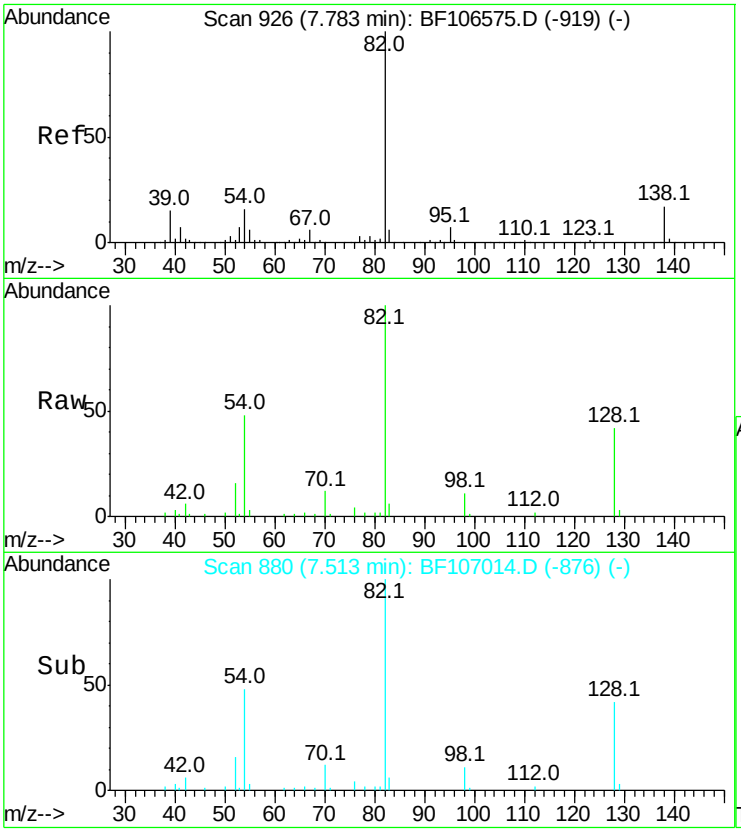


#23
Nitrobenzene-d5
Concen: 12.367 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion: 82 Resp: 51326

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	48.5	41.4	62.2



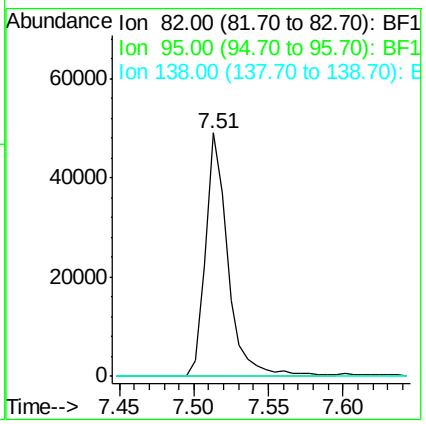


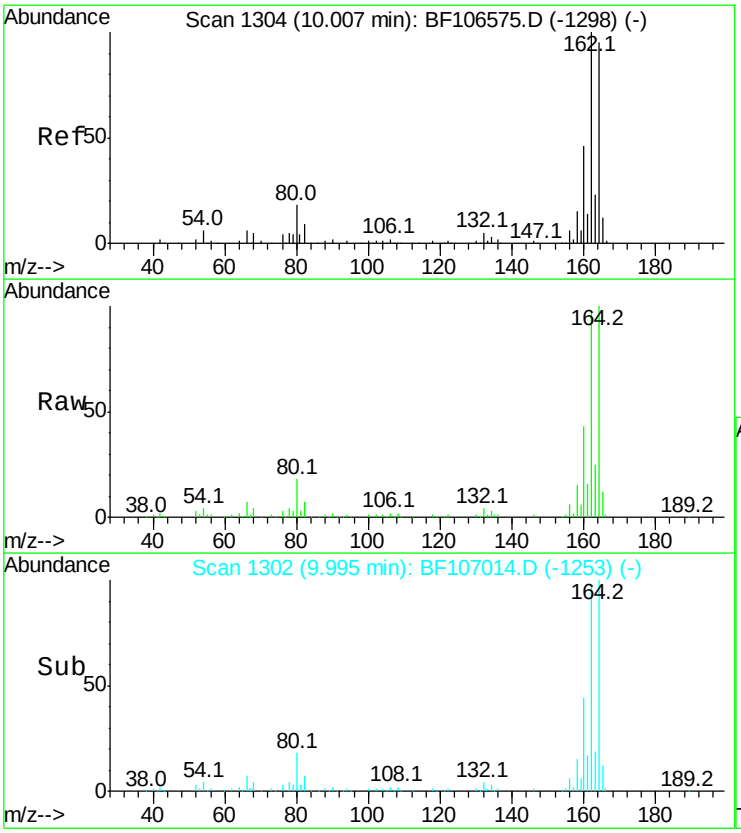
#25
Isophorone
Concen: 7.018 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 51325

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

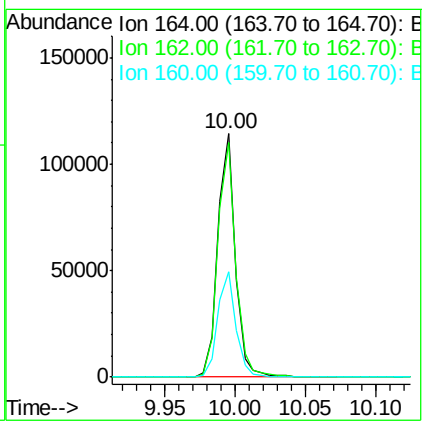


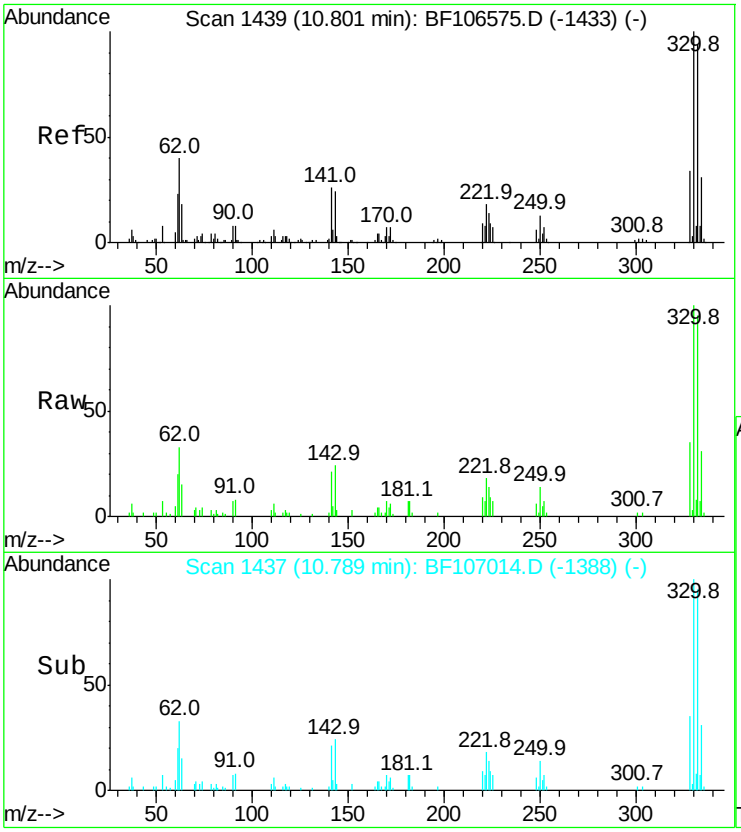


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:164 Resp: 99072

Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	43.2	38.3	57.5



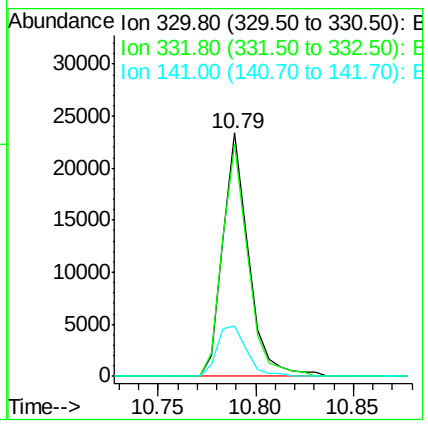


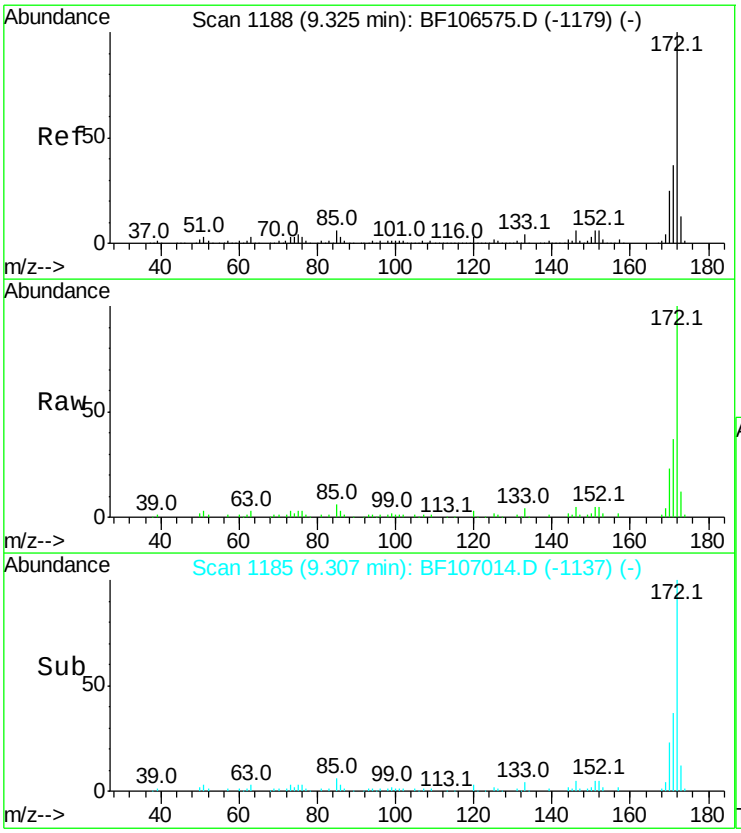
#41
2,4,6-Tribromophenol
Concen: 18.697 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 21469

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	23.9	29.9	44.9#

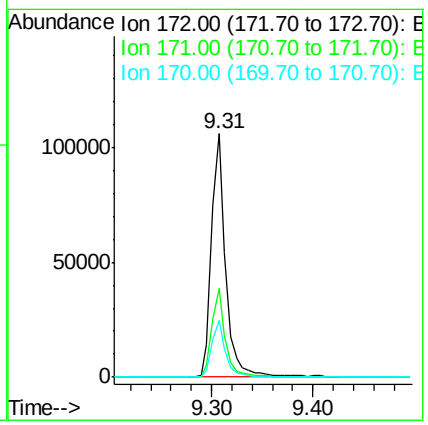


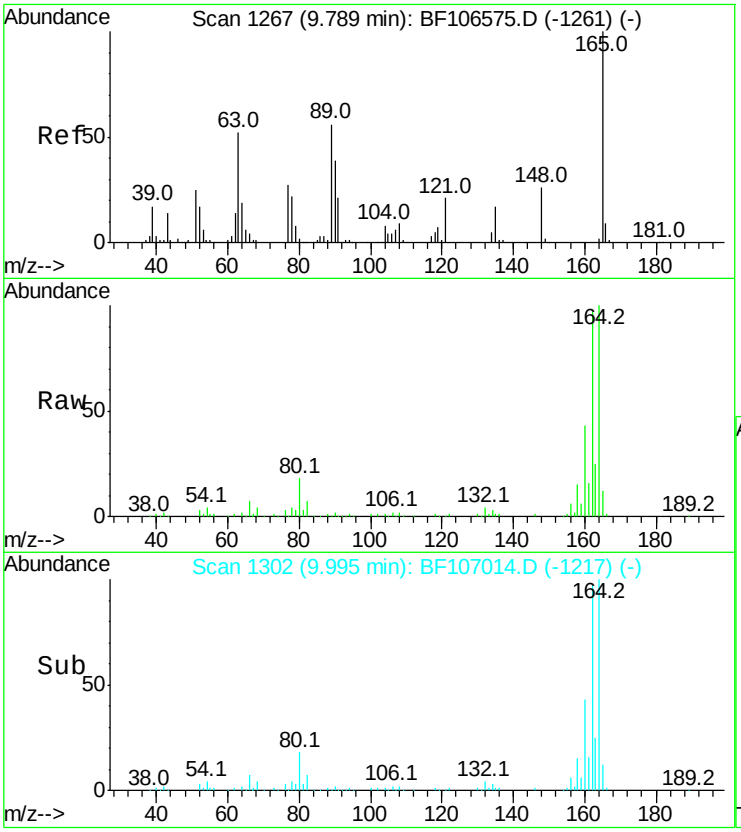


#44
2-Fluorobiphenyl
Concen: 3.617 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:172 Resp: 103837

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.1	19.6	29.4



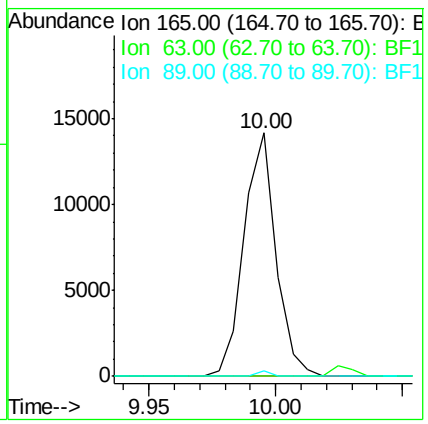


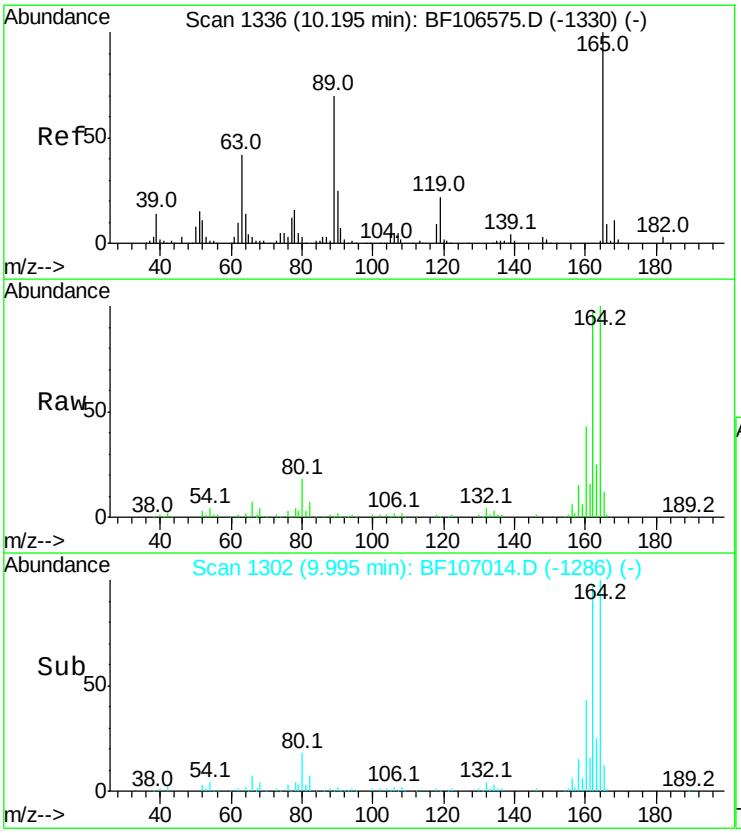
#50
2,6-Dinitrotoluene
Concen: 7.907 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12441

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.4	44.0	66.0#

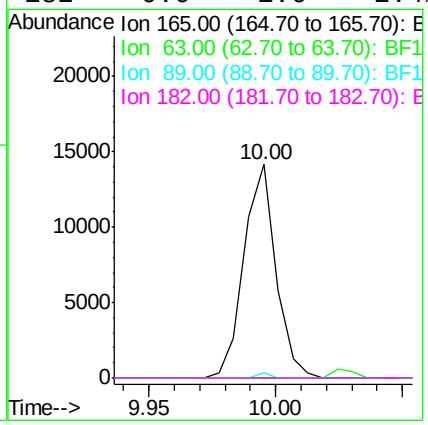


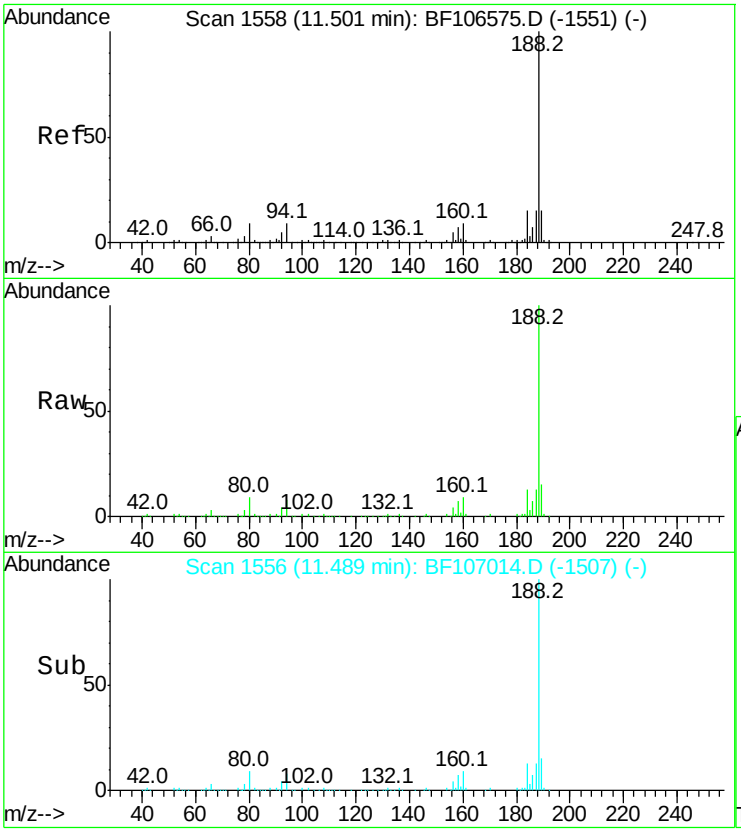


#56
2,4-Dinitrotoluene
Concen: 6.058 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:165 Resp: 12441

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



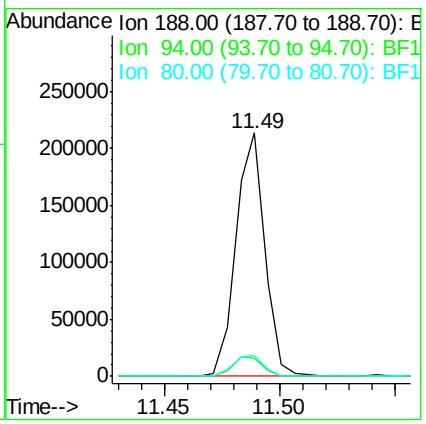


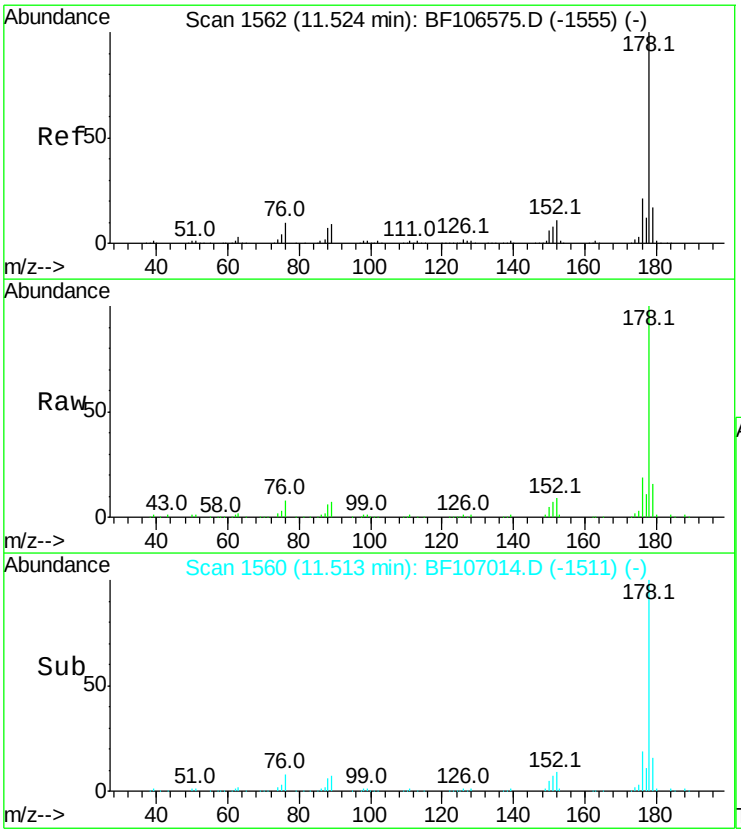
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 186471

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#

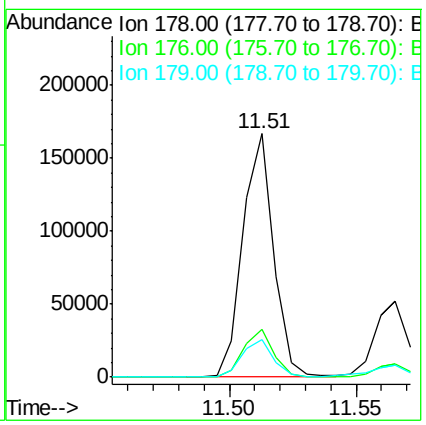


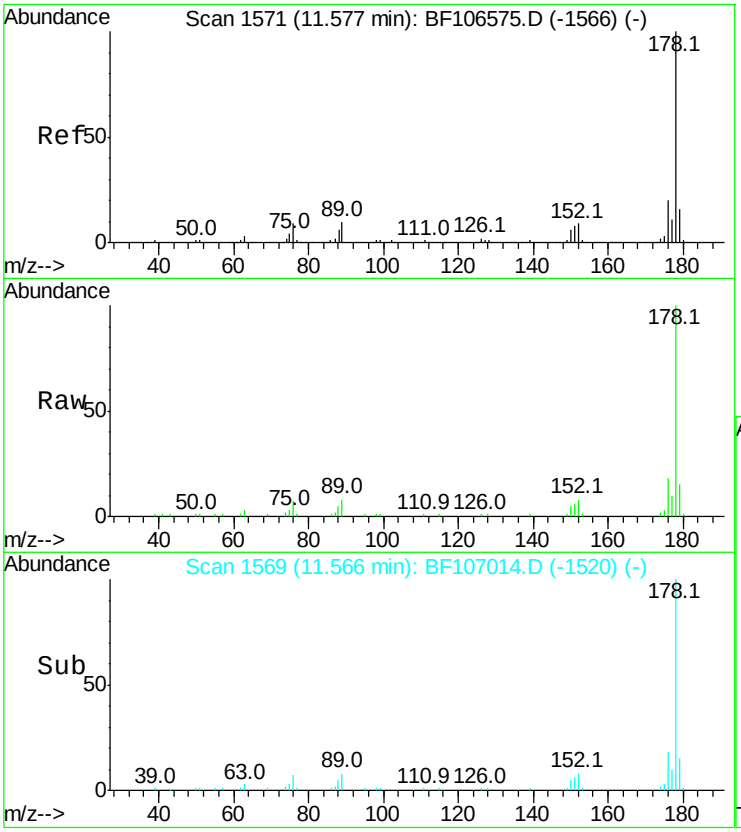


#70
Phenanthrene
Concen: 15.718 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:178 Resp: 141366

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	13.0	19.6



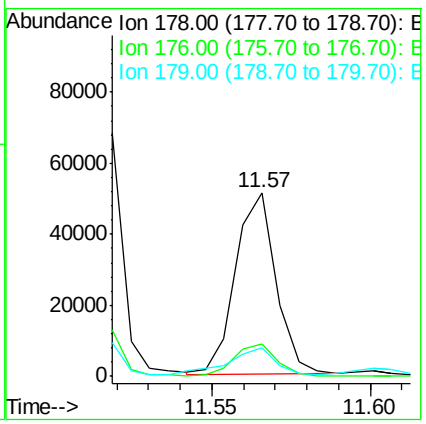


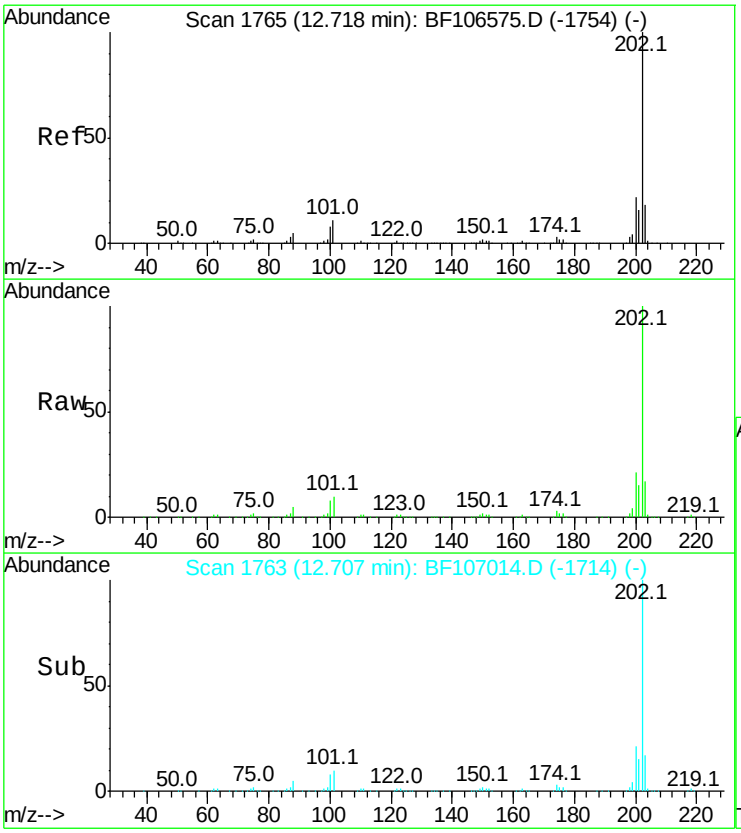
#71
Anthracene
Concen: 4.915 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 45122

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.3	12.6	19.0

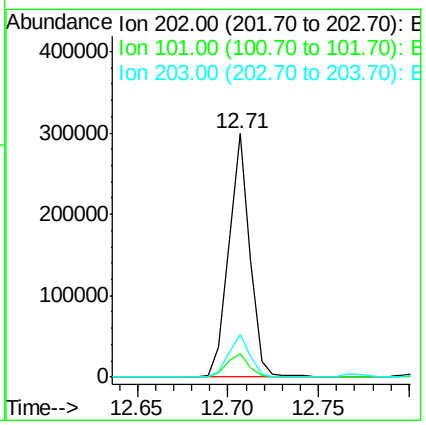


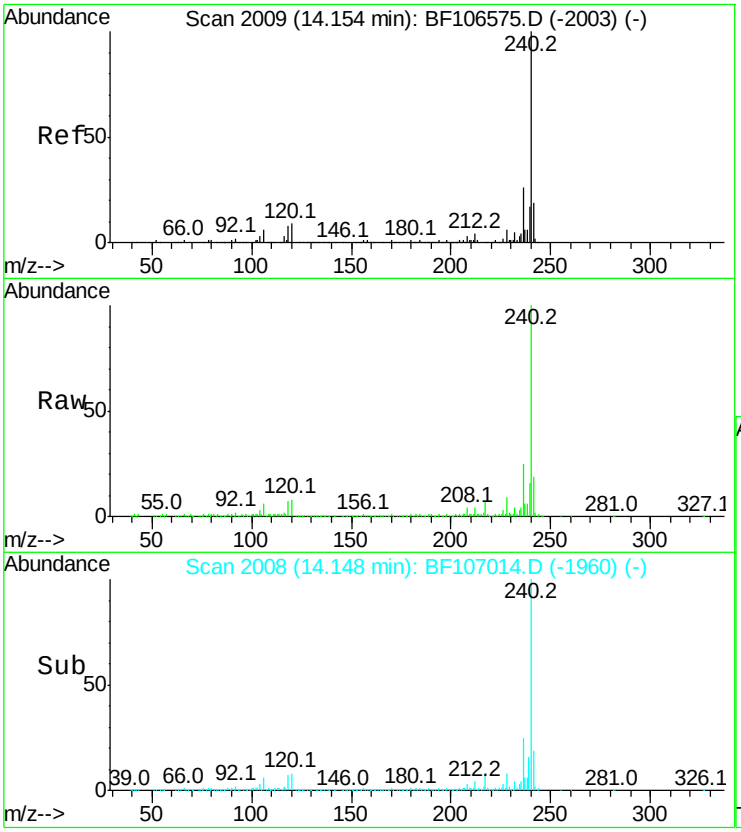


#74
Fluoranthene
Concen: 24.445 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:202 Resp: 242323

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.3	0.0	38.1



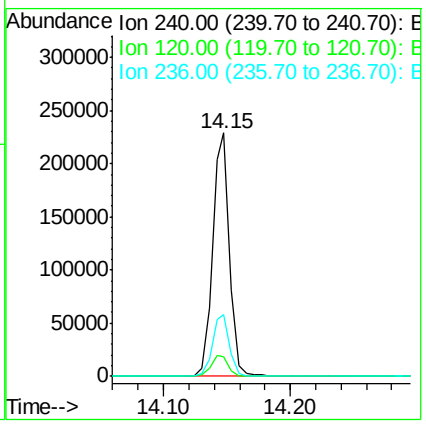


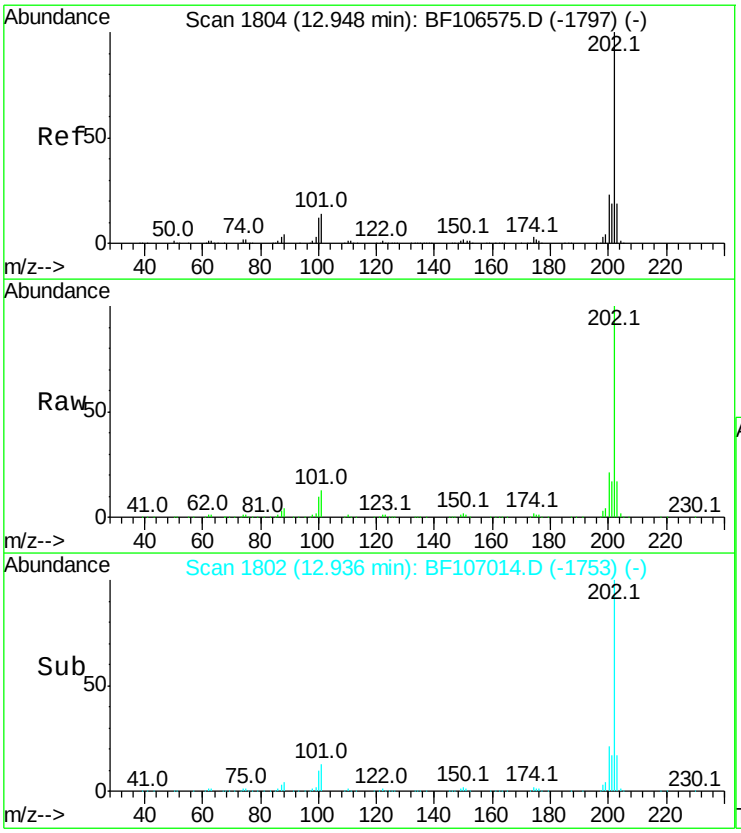
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 213905

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.2	20.7	31.1

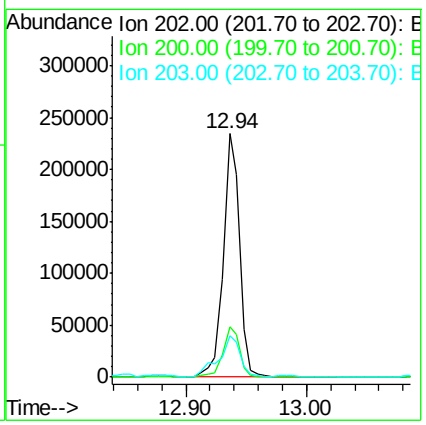


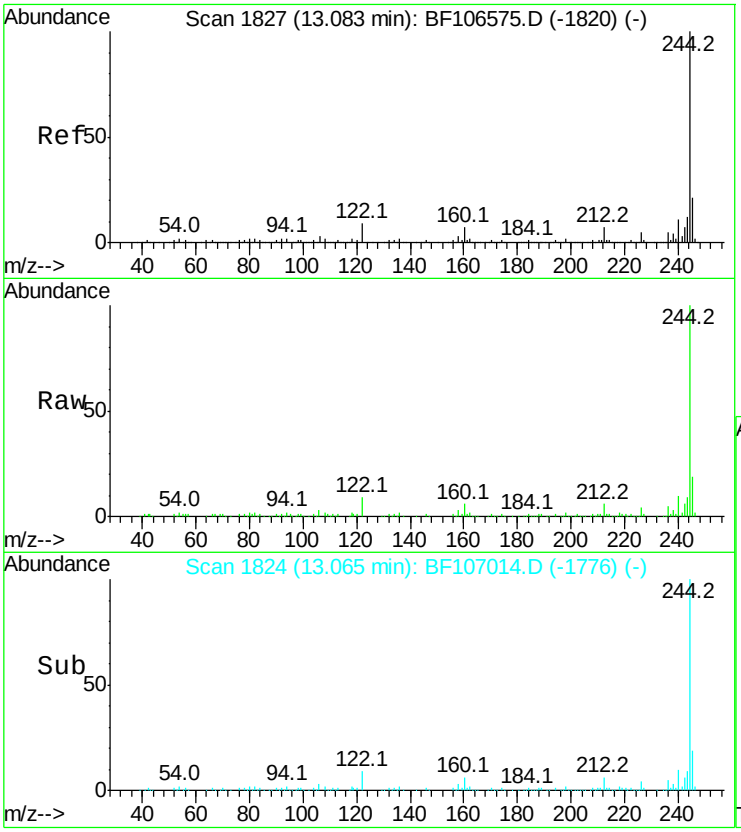


#77
Pyrene
Concen: 15.466 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:202 Resp: 218154

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.3	14.3	21.5



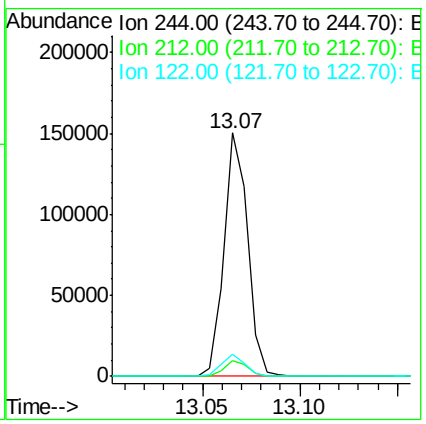


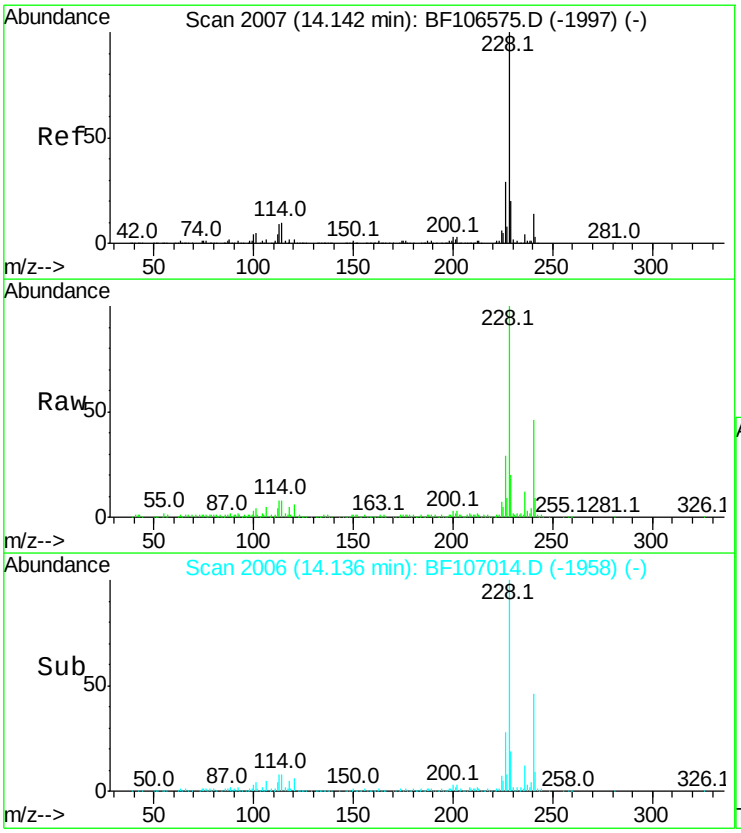
#78
Terphenyl-d14
Concen: 14.300 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 126279

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.3	11.0	16.4#

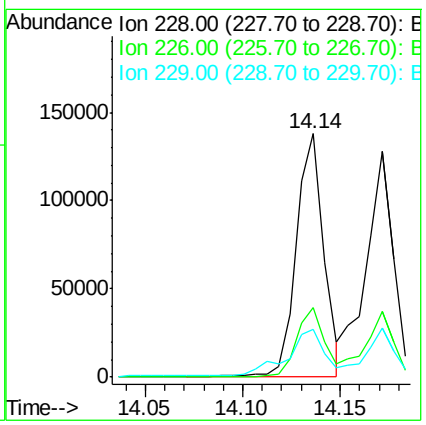


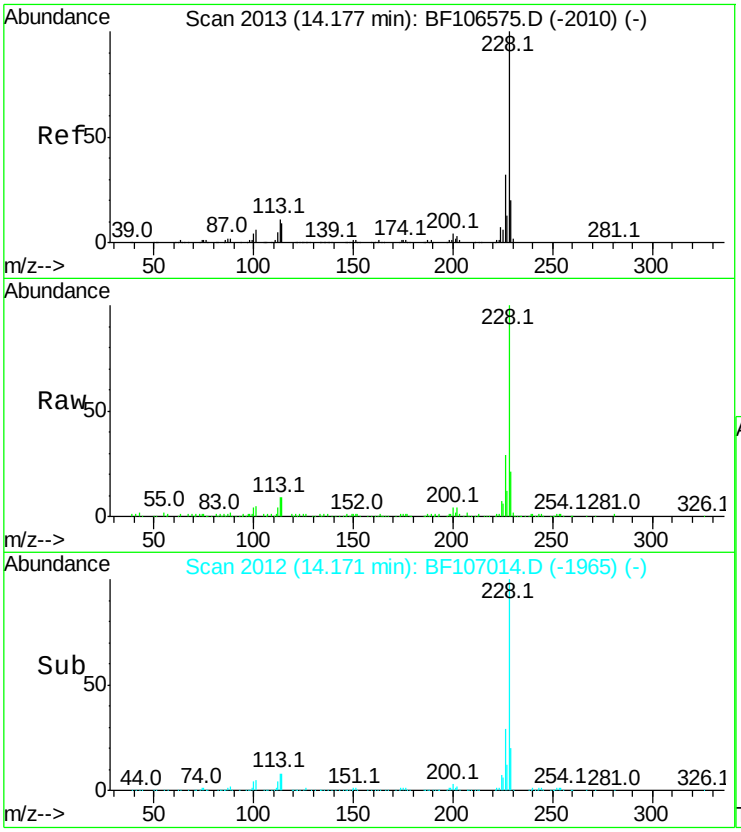


#80
Benzo(a)anthracene
Concen: 10.234 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:228 Resp: 133417

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.5	15.8	23.6



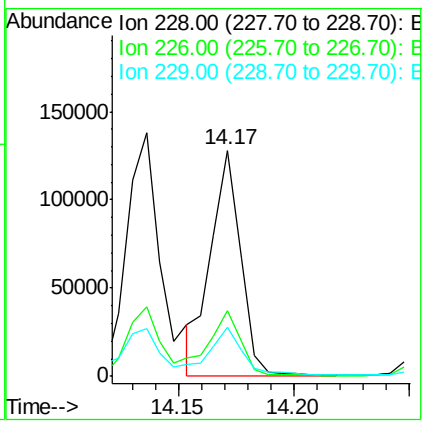


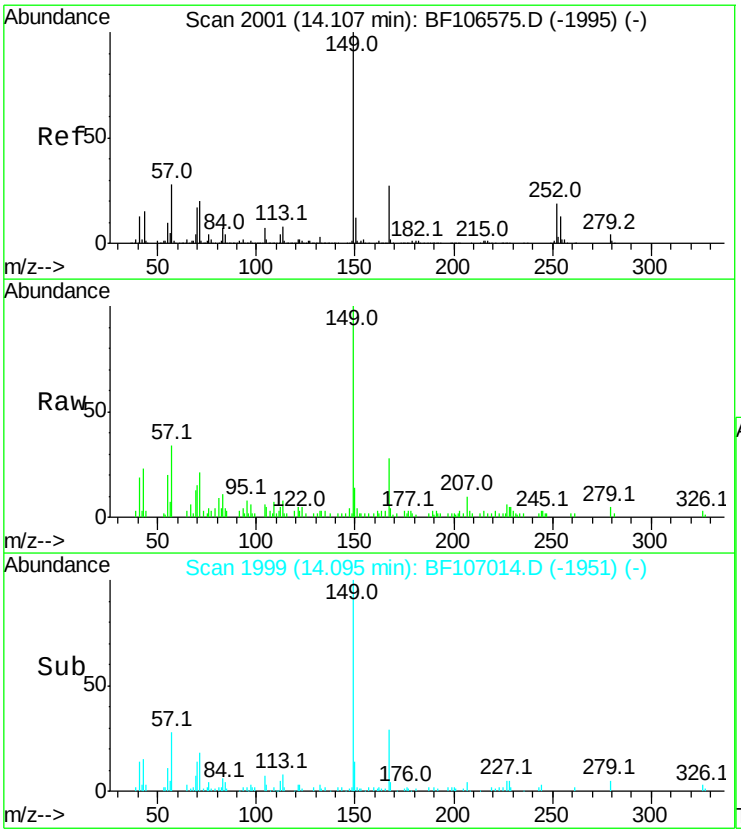
#82
Chrysene
Concen: 9.576 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 114855

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	21.5	16.2	24.4

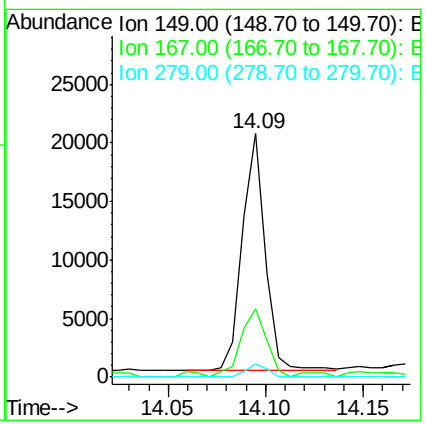


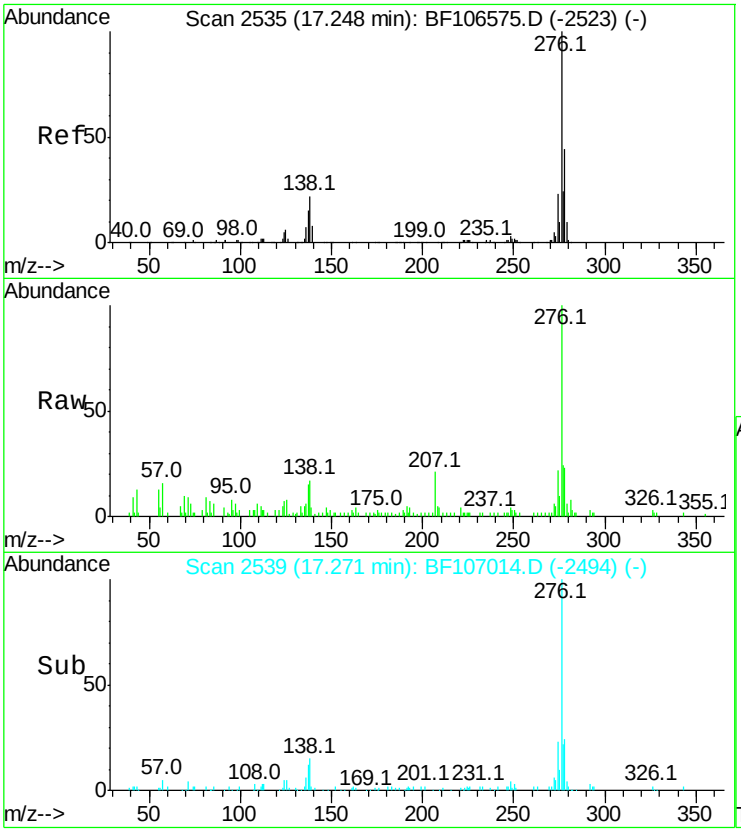


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.237 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:149 Resp: 16584

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	5.3	3.0	4.4#



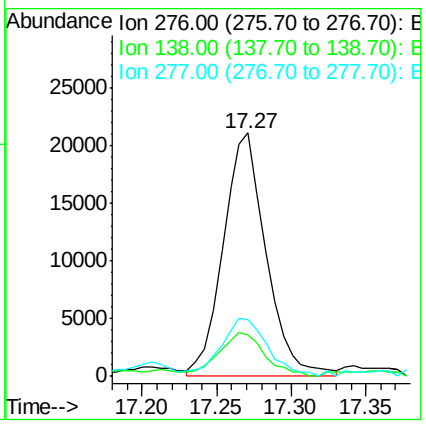


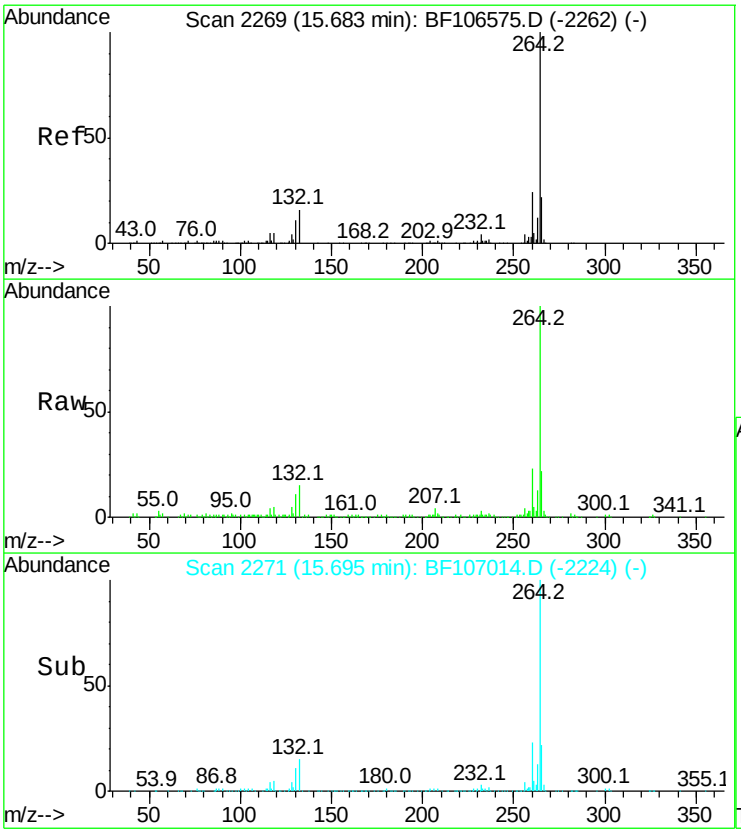
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.158 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42321

Ion	Ratio	Lower	Upper
276	100		
138	19.3	25.0	37.6#
277	25.8	20.1	30.1

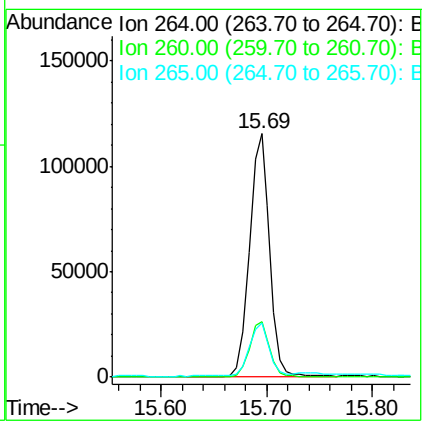


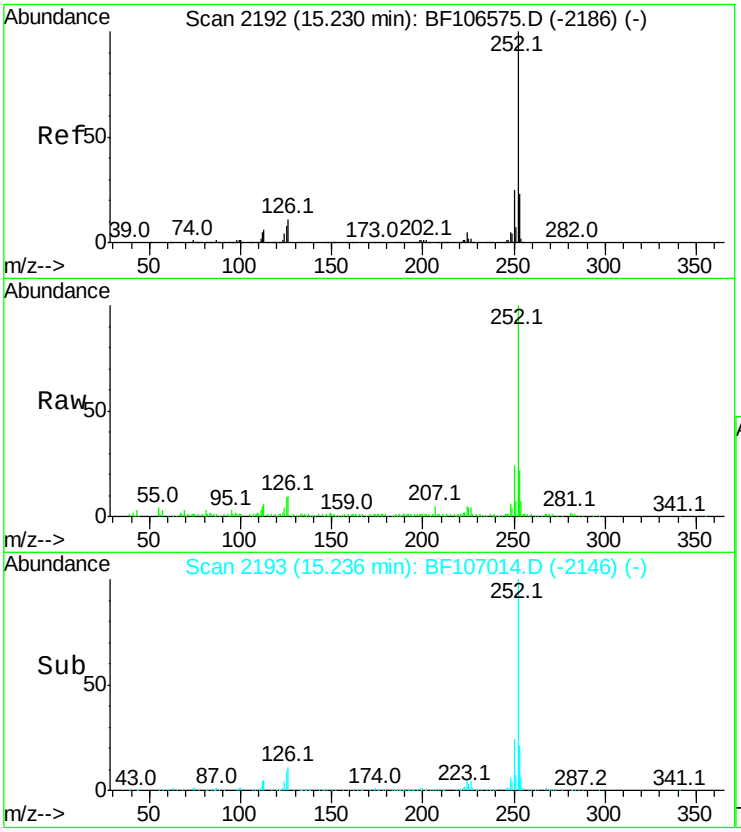


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:264 Resp: 153864

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.1	17.5	26.3



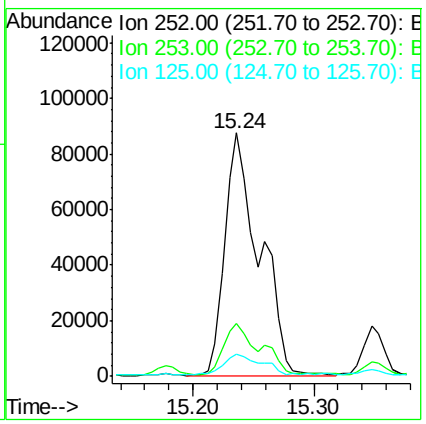


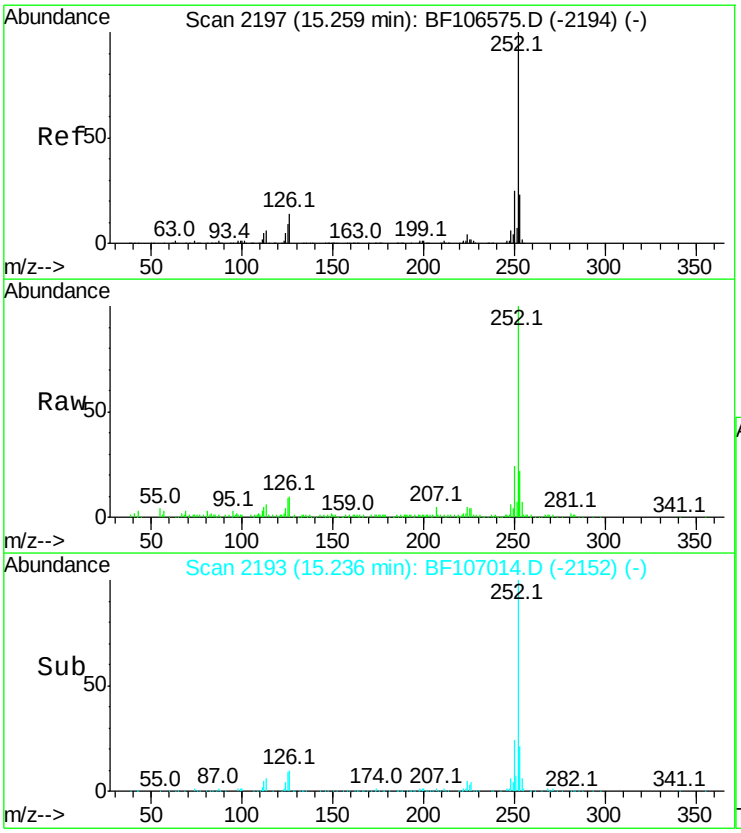
#87
Benzo(b)fluoranthene
Concen: 18.154 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 173512

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.3	9.0	13.6

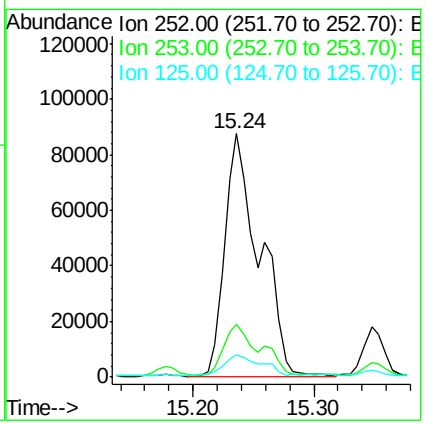


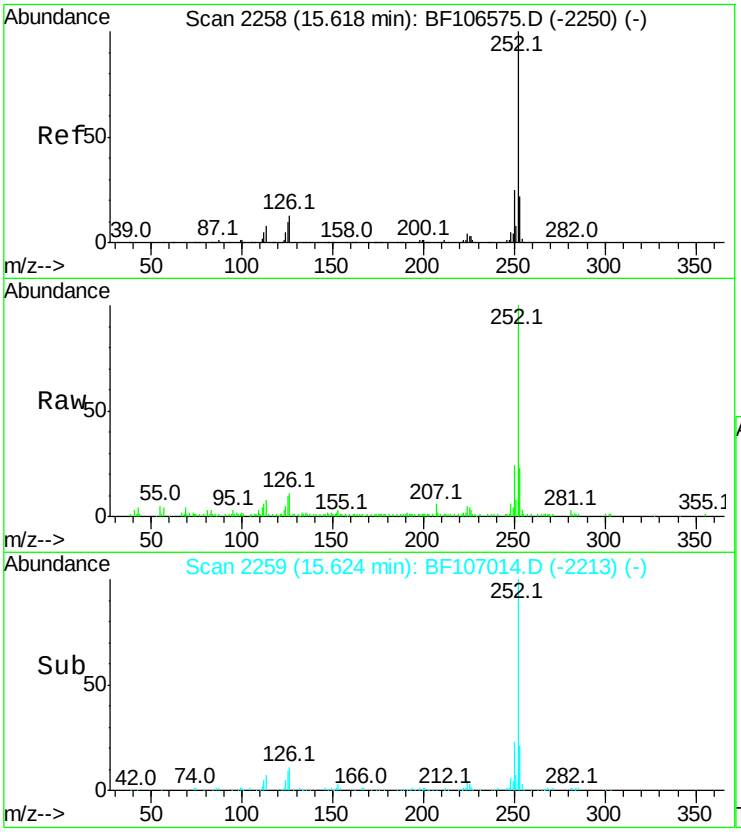


#88
Benzo(k)fluoranthene
Concen: 19.063 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:252 Resp: 173512

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.3	10.2	15.2#



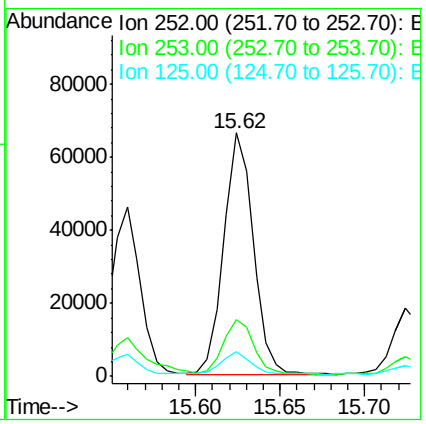


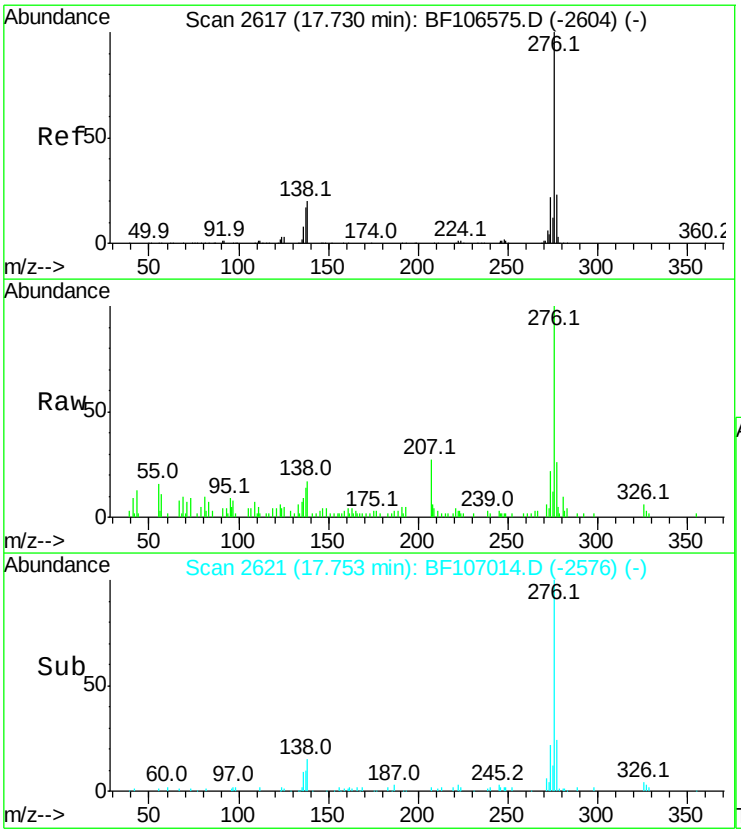
#89
Benzo(a)pyrene
Concen: 9.638 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81896

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.481 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.04 min
Lab File: BF107014.D
Acq: 30 Jun 2018 15:02

Tgt Ion:276 Resp: 38580

Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	16.6	21.8	32.8#