Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107172.D
Acq On : 6 Jul 2018 14:59
Operator : JU/SJ
Sample : J3818-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5002

Quant Time: Jul 06 15:27:48 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	6.94	152	58273	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	235901	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	120729	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	218839	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	166869	20.00	ng		-0.03
86) Perylene-d12	15.67	264	177881	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	354614	103.05	ng		-0.01
7) Phenol-d6	6.59	99	457354	106.42	ng		-0.02
23) Nitrobenzene-d5	7.51	82	289116	68.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	150824	107.79	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	544023	74.44	ng		-0.02
78) Terphenyl-d14	13.07	244	524963	76.20	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	7631	2.116	ng		87
19) n-Nitroso-di-n-propylamine	7.51	70	37046	13.077	ng	#	74
25) Isophorone	7.51	82	289114	38.651	ng	#	64
49) Dimethylphthalate	9.70	163	127060	14.032	ng		99
56) 2,4-Dinitrotoluene	9.98	165	15622	6.242	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	8943	3.424	ng	#	1
70) Phenanthrene	11.51	178	83994	7.958	ng		97
74) Fluoranthene	12.70	202	117980	10.141	ng		94
77) Pyrene	12.93	202	110463	10.039	ng		99
80) Benzo(a)anthracene	14.12	228	61220	6.020	ng		99
82) Chrysene	14.16	228	63878	6.827	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	48250	8.342	ng		100
85) Indeno(1,2,3-cd)pyrene	17.24	276	29799	3.753	ng	#	89
87) Benzo(b)fluoranthene	15.21	252	111845	10.122	ng		97
88) Benzo(k)fluoranthene	15.21	252	111845	10.629	ng	#	97
89) Benzo(a)pyrene	15.60	252	54548	5.553	ng		95
91) Benzo(g,h,i)perylene	17.72	276	27392	3.366	ng	#	88

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

Quantitation Report (Not Reviewed)

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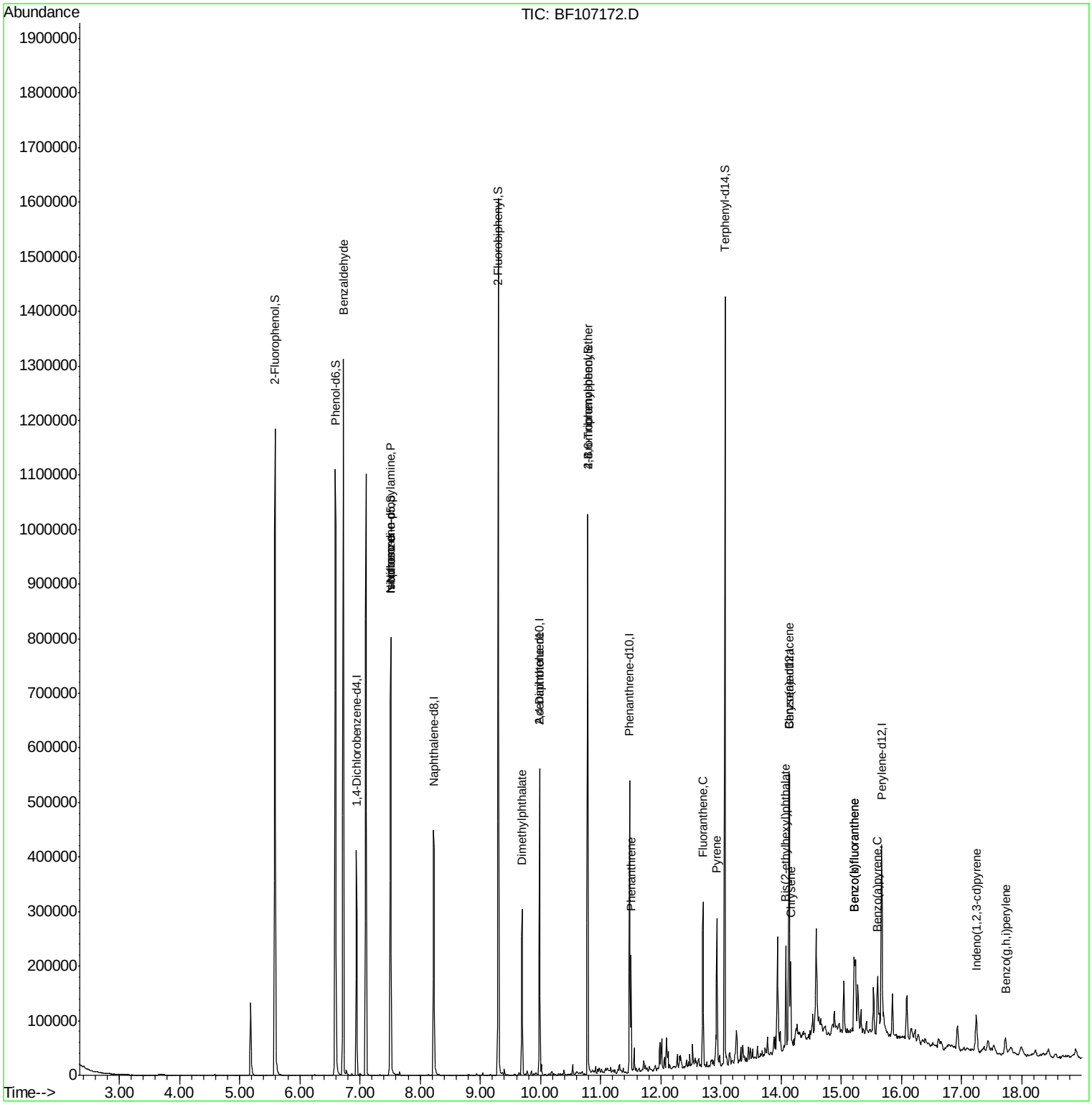
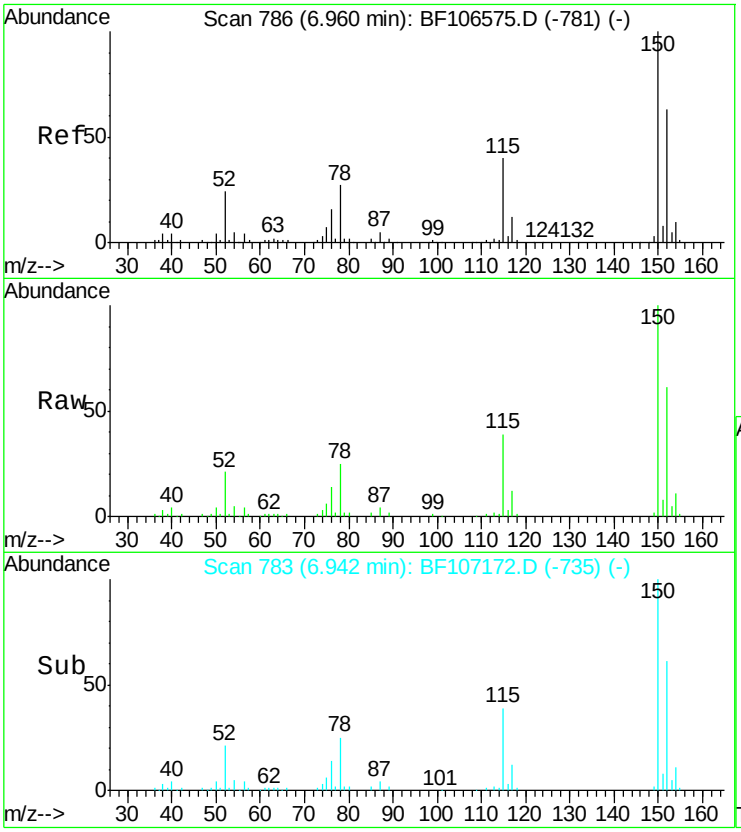


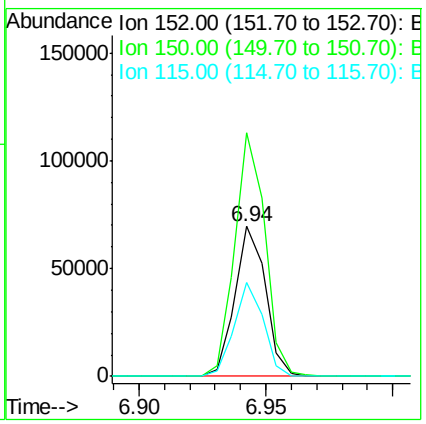


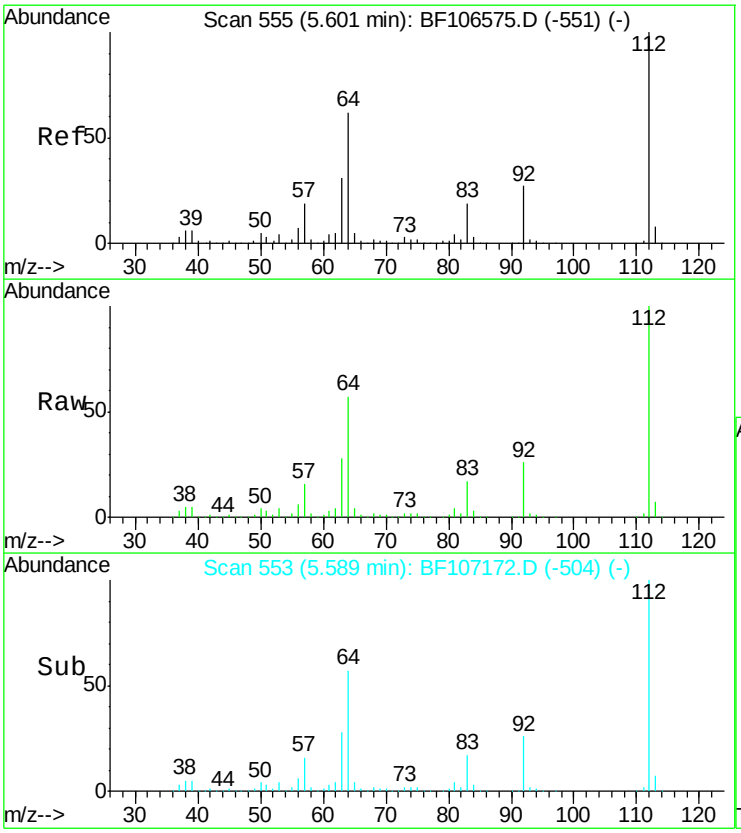
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:152 Resp: 58273

Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.6	186.8
115	62.7	50.1	75.1

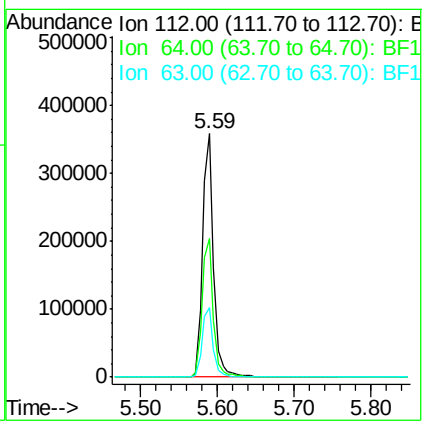


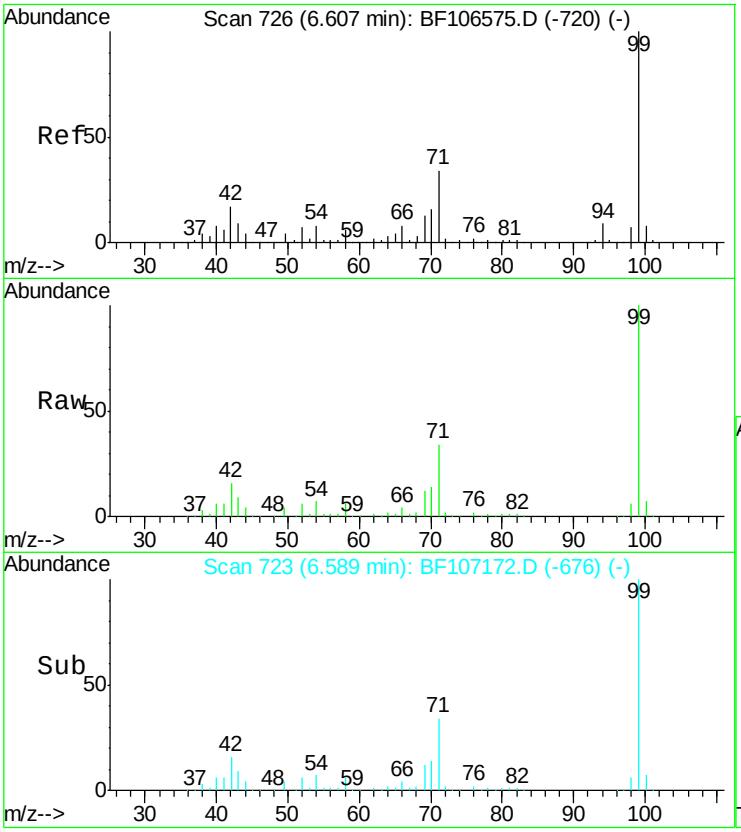


#5
2-Fluorophenol
Concen: 103.045 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:112 Resp: 354614

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.3	23.7	35.5



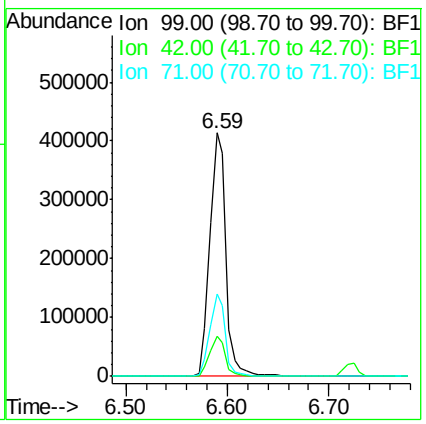


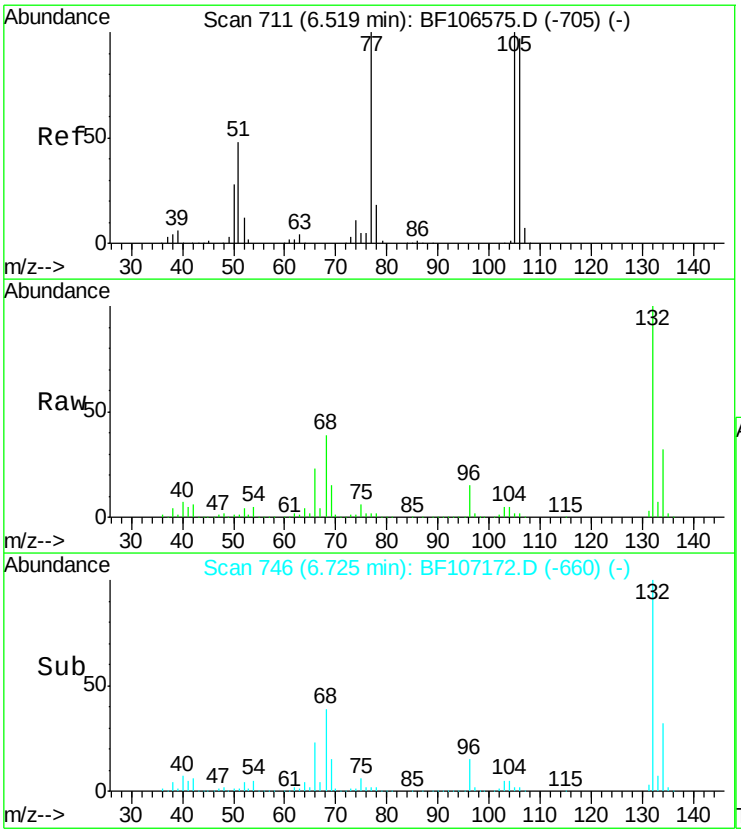
#7
Phenol-d6
Concen: 106.421 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion: 99 Resp: 457354

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.8	25.4	38.0

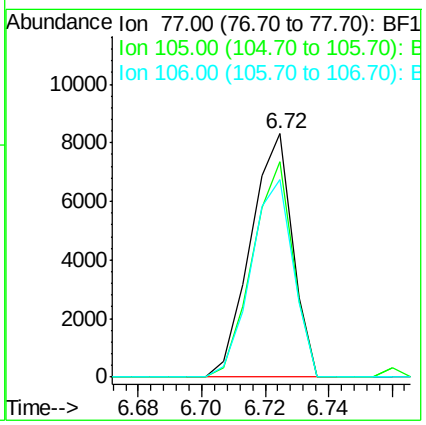


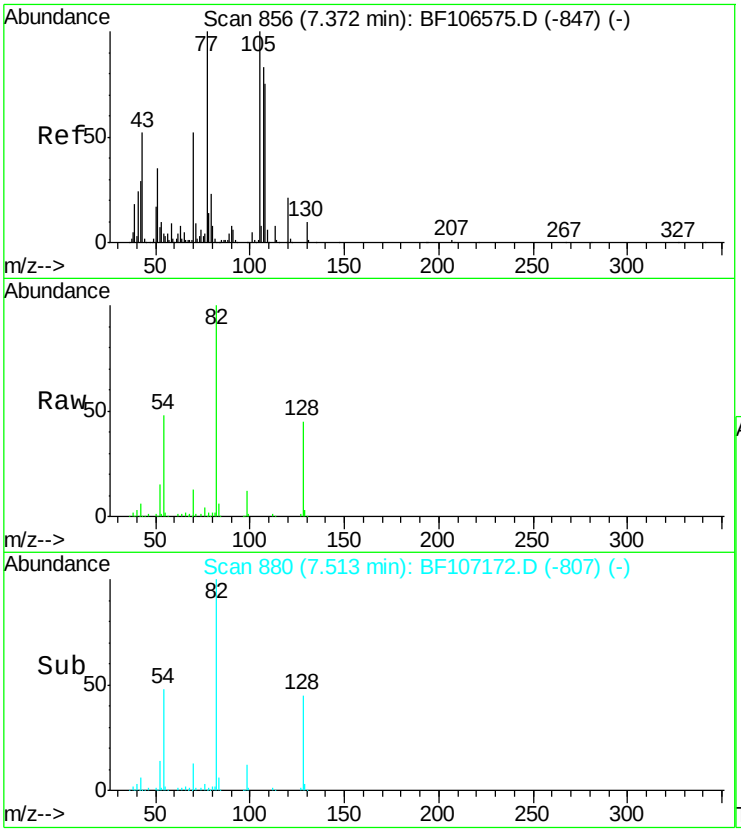


#9
Benzaldehyde
Concen: 2.116 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.21 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion: 77 Resp: 7631

Ion	Ratio	Lower	Upper
77	100		
105	88.4	81.1	121.1
106	81.0	74.5	114.5



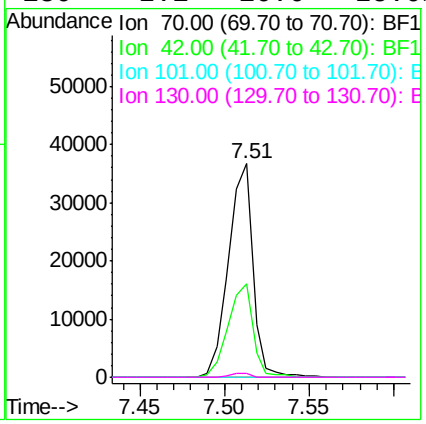


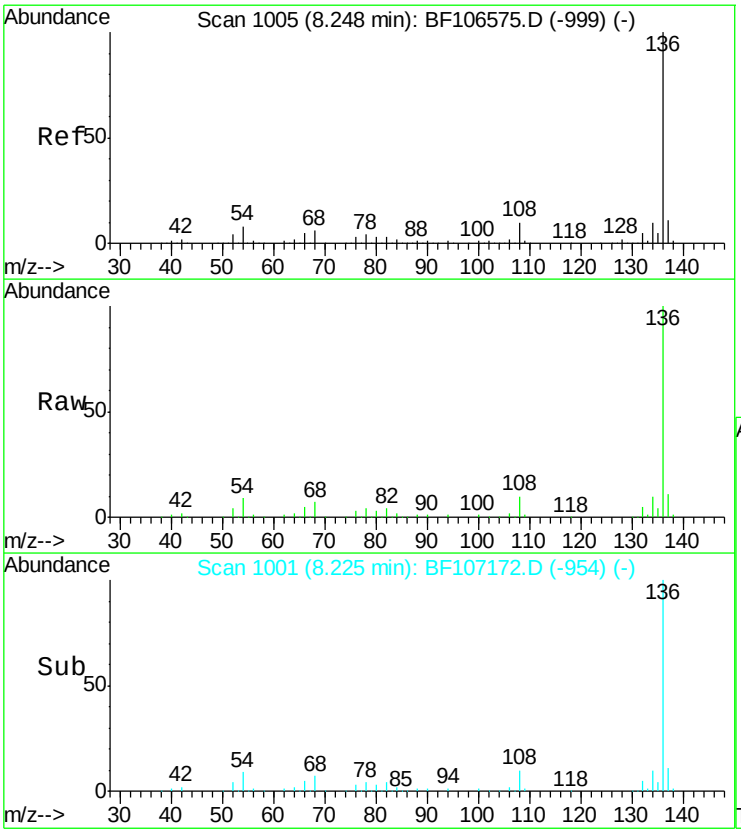
#19
n-Nitroso-di-n-propylamine
Concen: 13.077 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion: 70 Resp: 37046

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

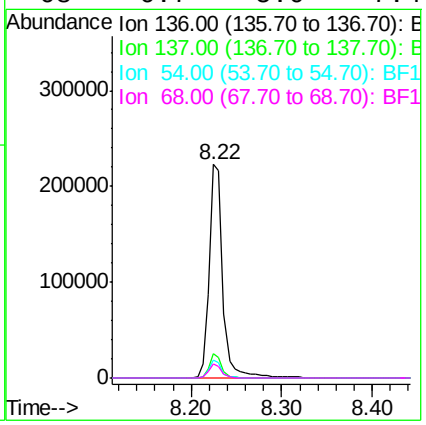


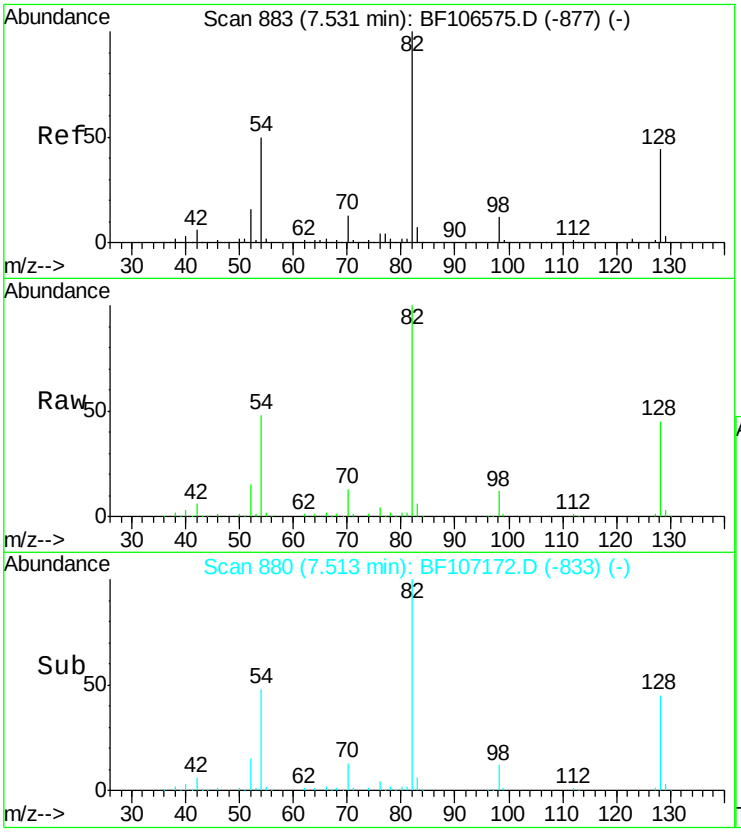


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:136 Resp: 235901

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.7	5.0	7.4



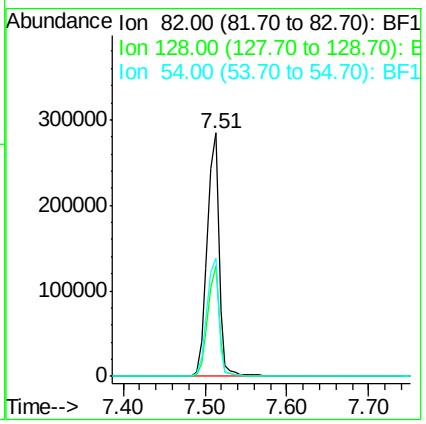


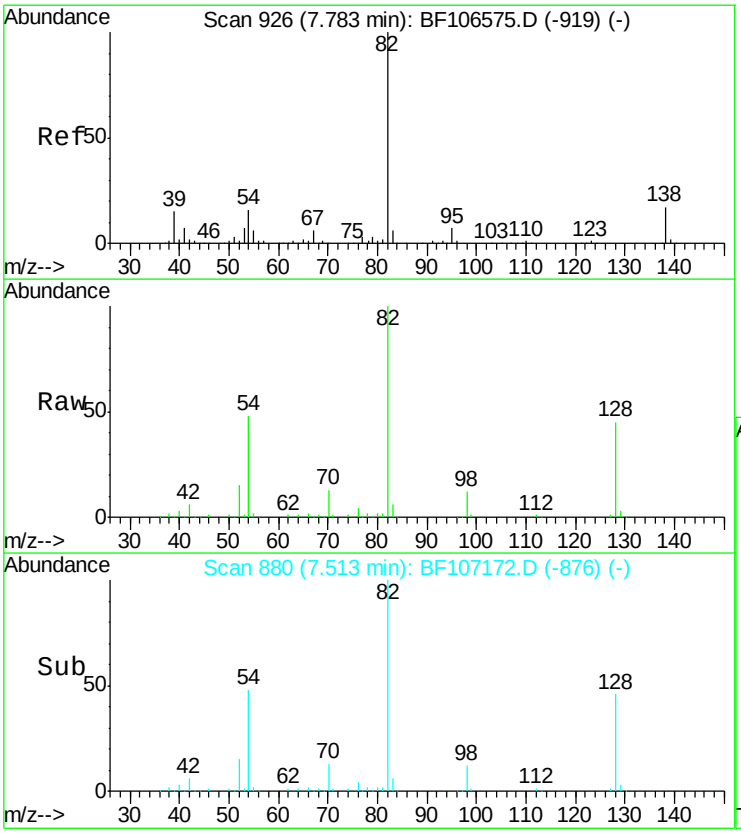
#23
Nitrobenzene-d5
Concen: 68.110 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion: 82 Resp: 289116

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	48.3	41.4	62.2

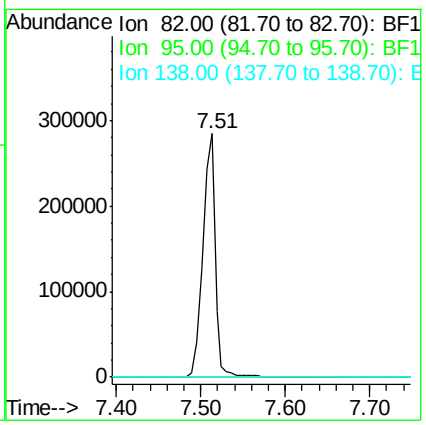


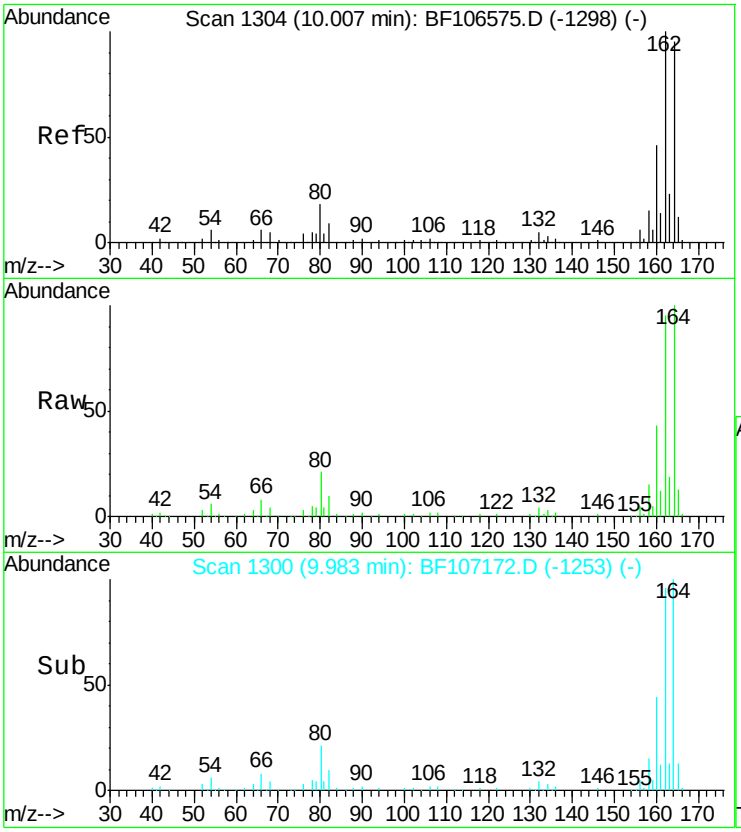


#25
Isophorone
Concen: 38.651 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion: 82 Resp: 289114

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



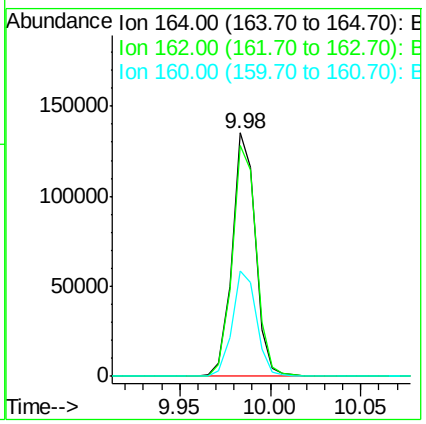


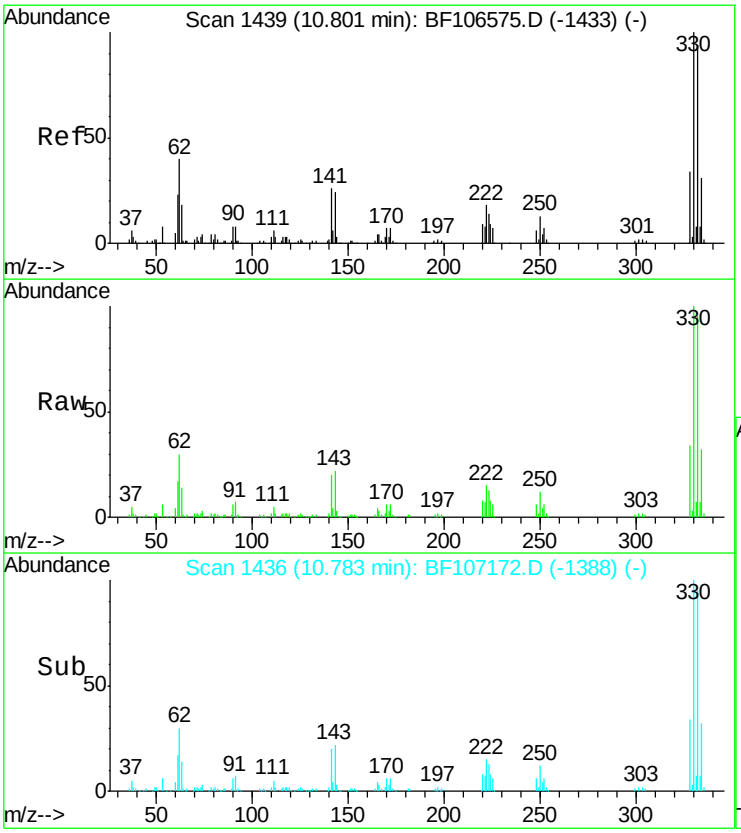
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:164 Resp: 120729

Ion	Ratio	Lower	Upper
164	100		
162	94.9	86.1	129.1
160	43.3	38.3	57.5

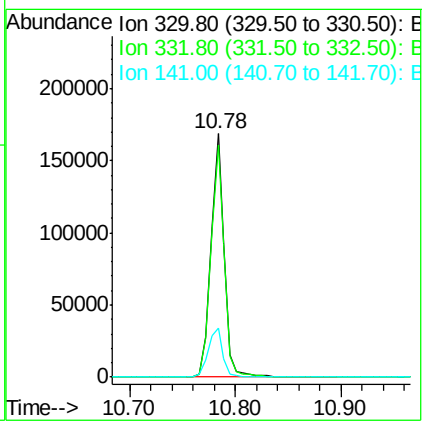


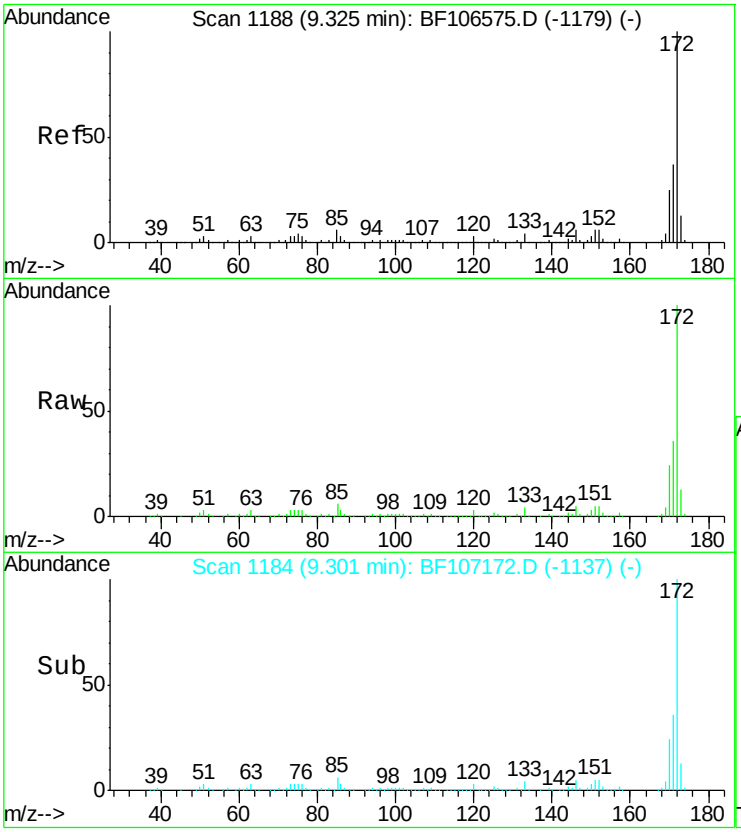


#41
2,4,6-Tribromophenol
Concen: 107.787 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:330 Resp: 150824

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	22.1	29.9	44.9#



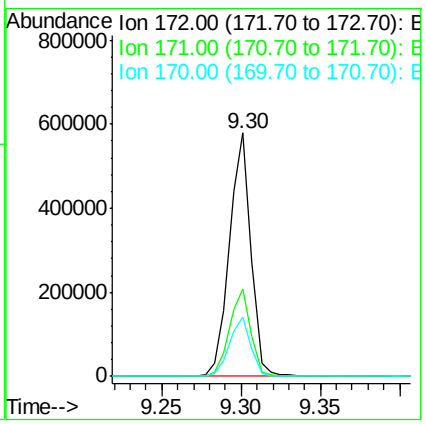


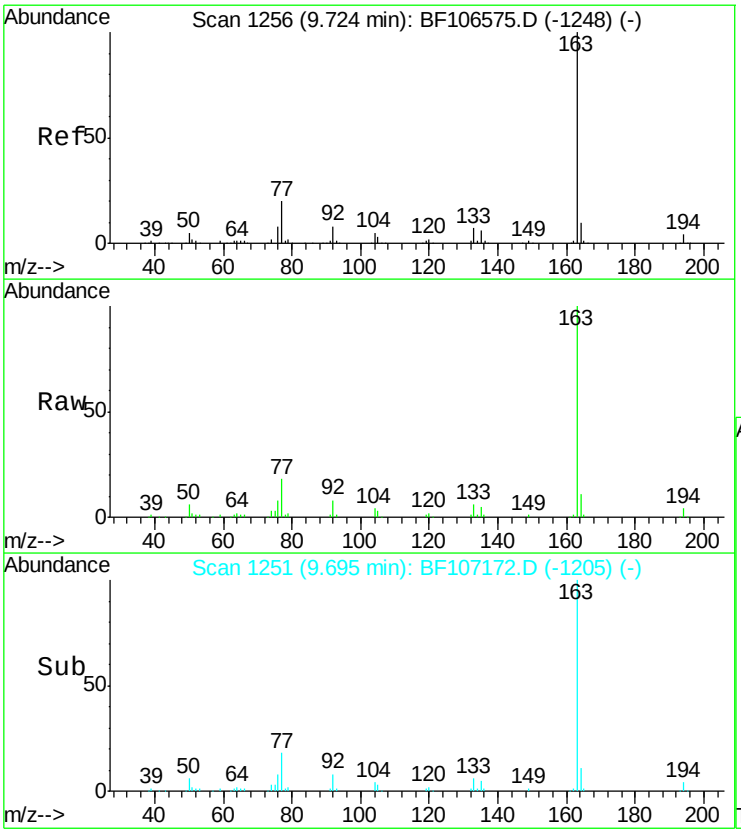
#44
2-Fluorobiphenyl
Concen: 74.440 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:172 Resp: 544023

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

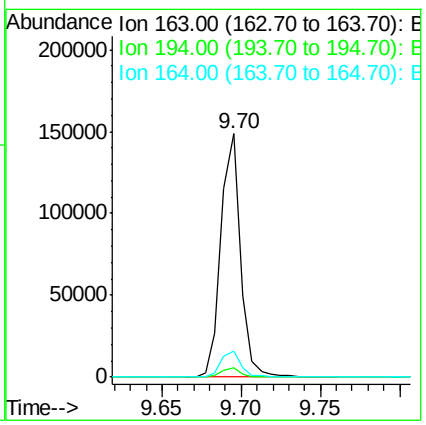


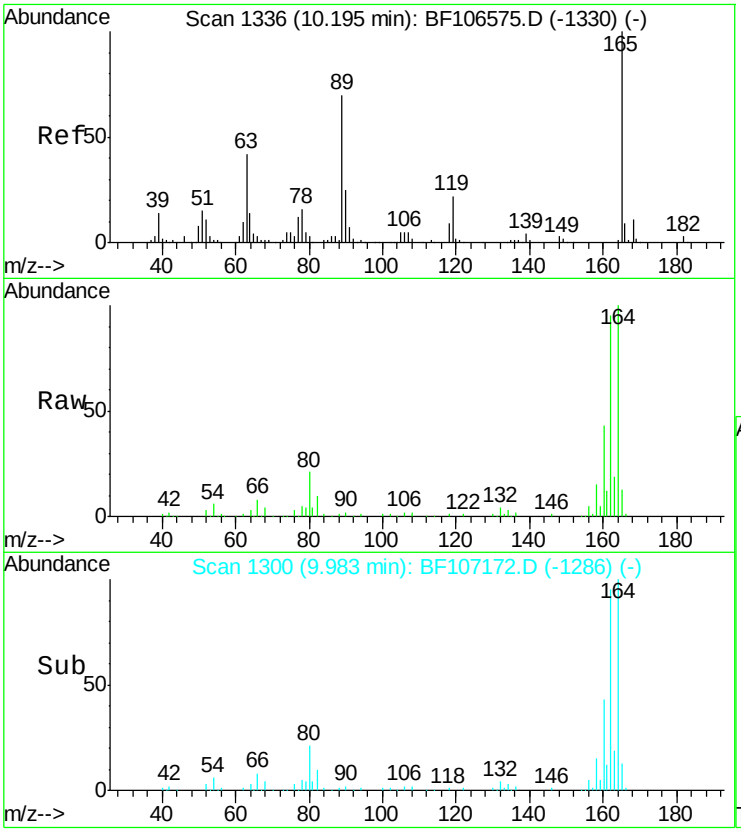


#49
Dimethylphthalate
Concen: 14.032 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:163 Resp: 127060

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



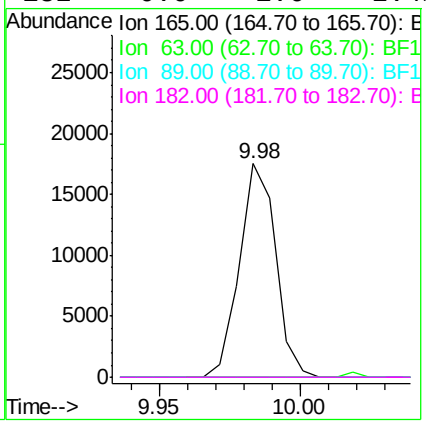


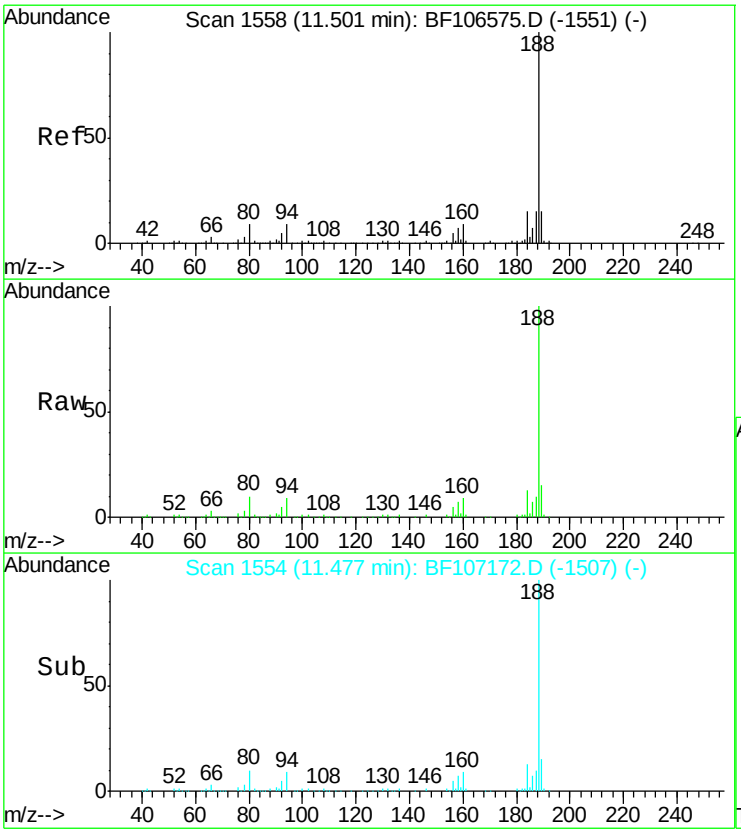
#56
2,4-Dinitrotoluene
Concen: 6.242 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:165 Resp: 15622

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

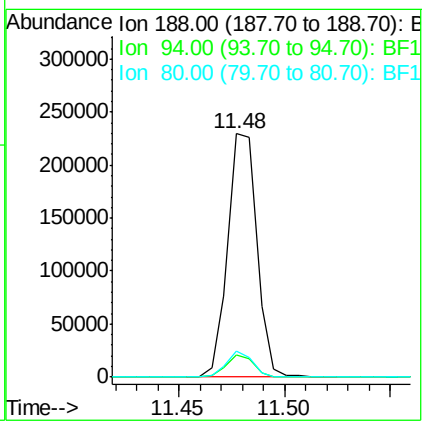


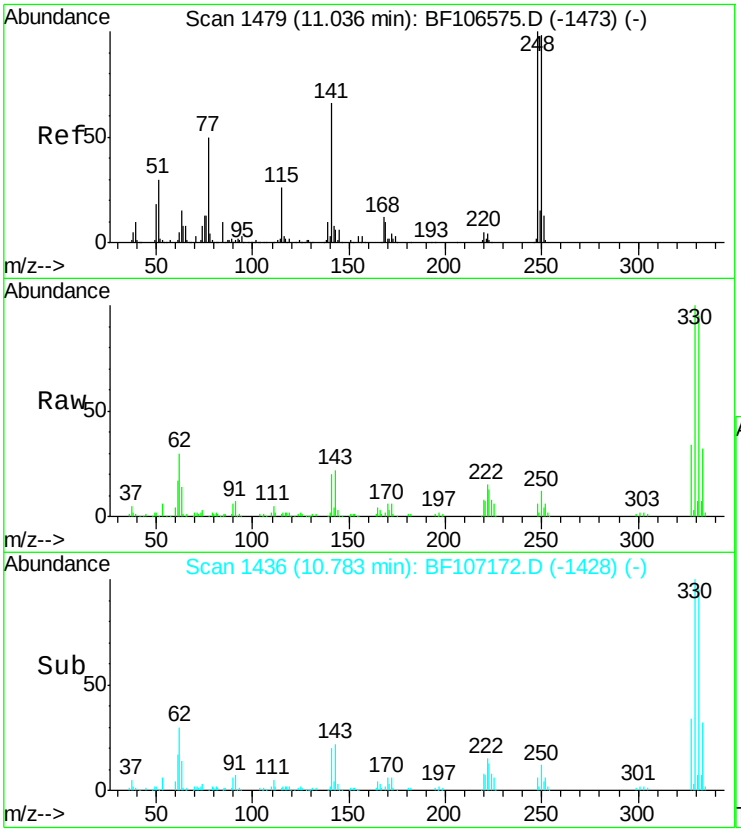


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:188 Resp: 218839

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.5	9.2	13.8



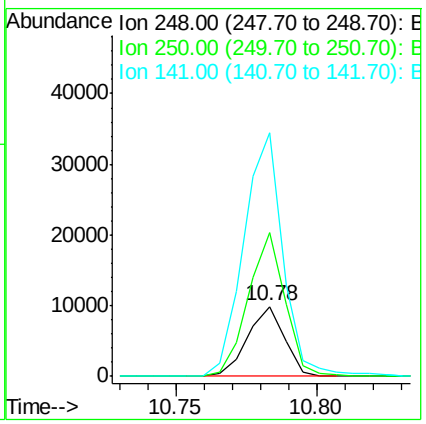


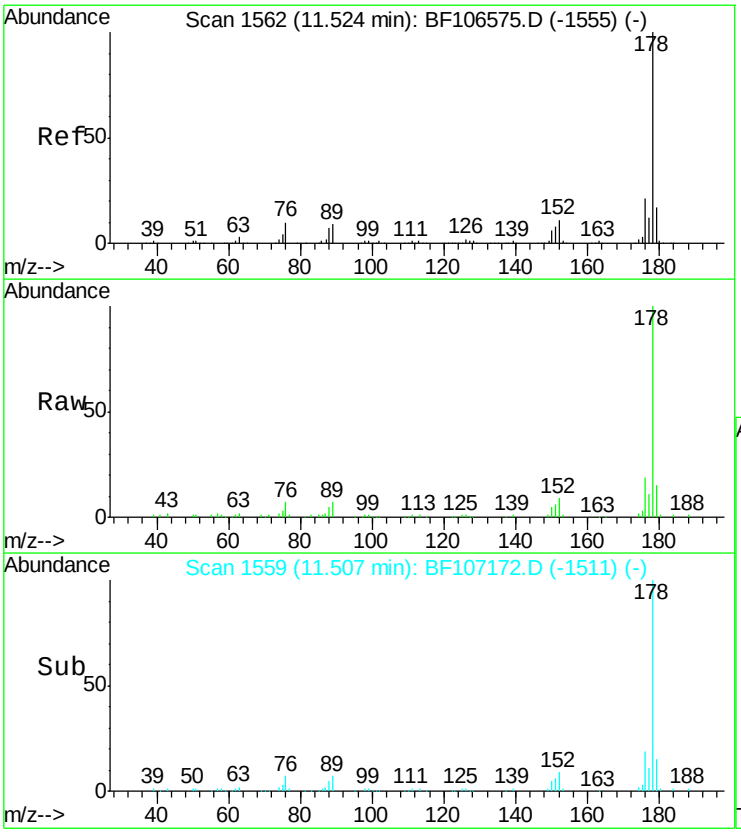
#66
4-Bromophenyl-phenylether
Concen: 3.424 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:248 Resp: 8943

Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.9	115.3#
141	349.2	74.4	111.6#

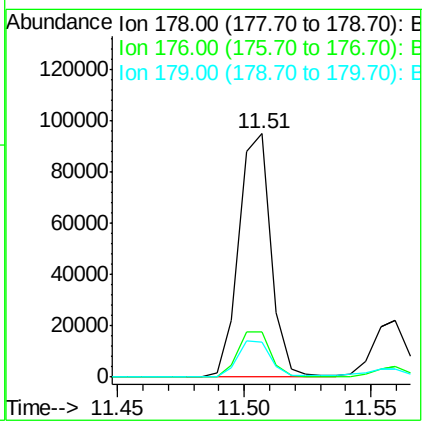


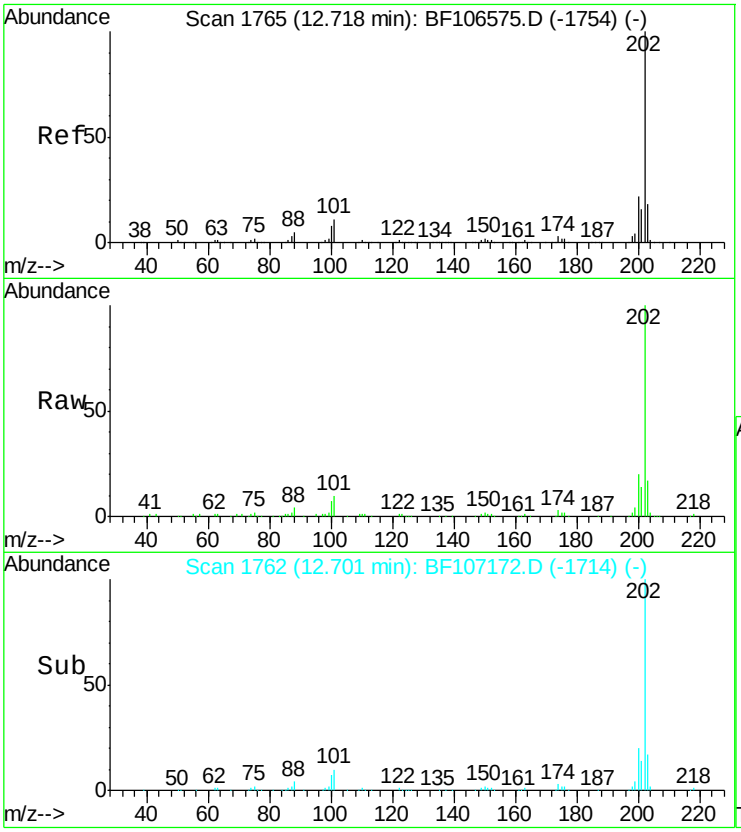


#70
Phenanthrene
Concen: 7.958 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:178 Resp: 83994

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.6	13.0	19.6



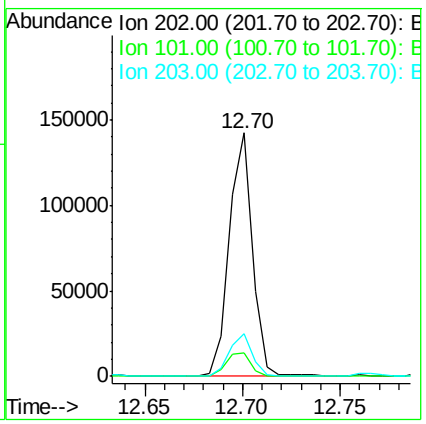


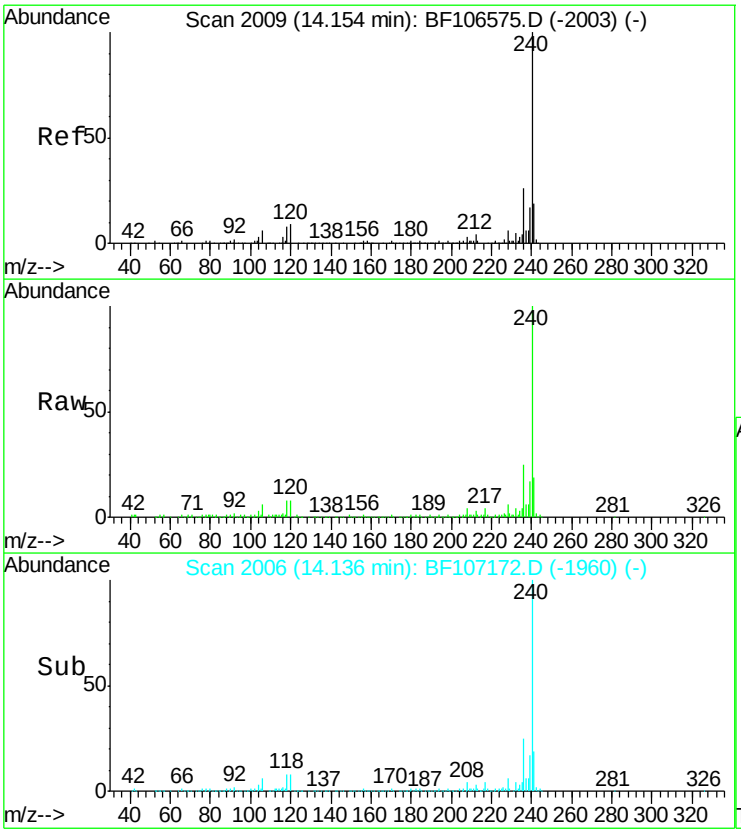
#74
Fluoranthene
Concen: 10.141 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:202 Resp: 117980

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.3	0.0	38.1

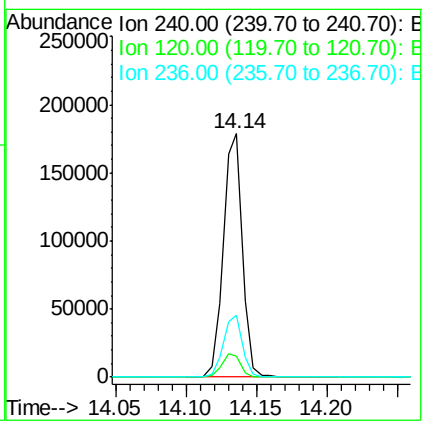


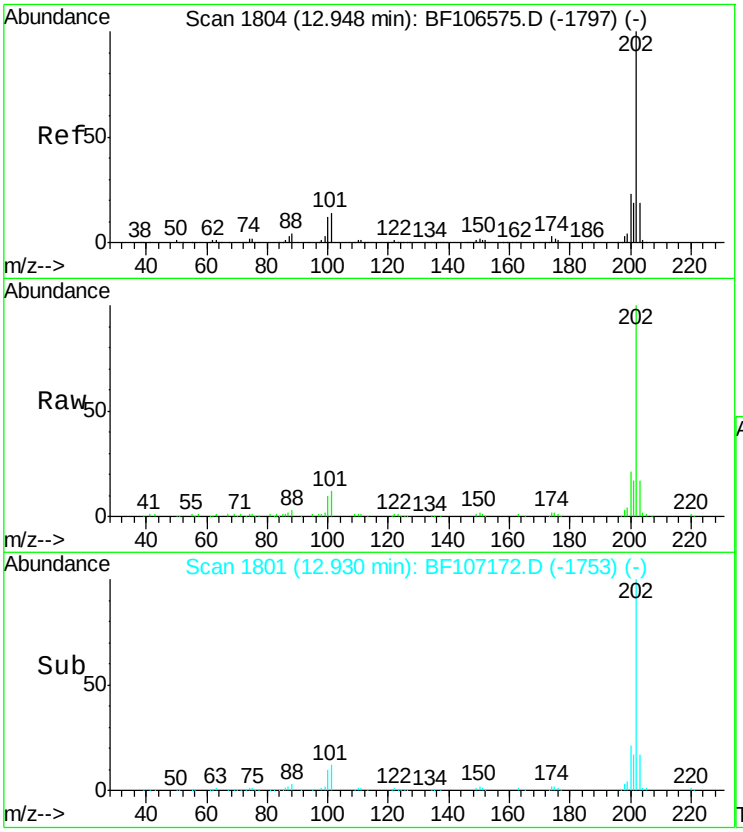


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:240 Resp: 166869

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	25.3	20.7	31.1



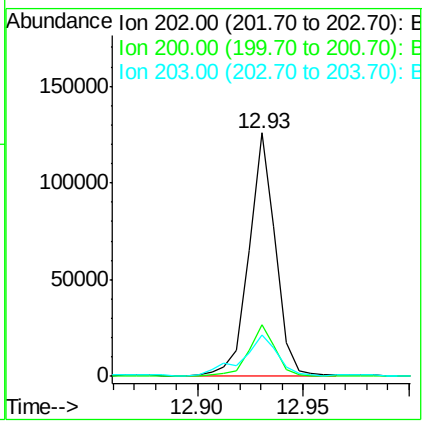


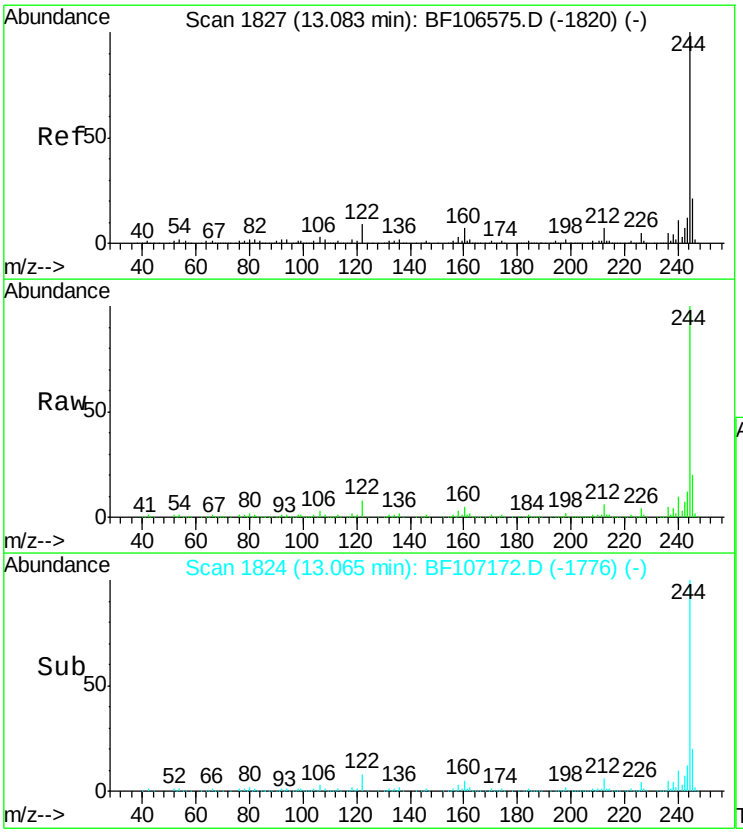
#77
Pyrene
Concen: 10.039 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:202 Resp: 110463

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.2	14.3	21.5

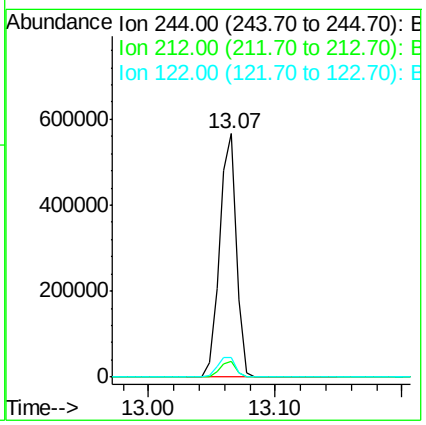


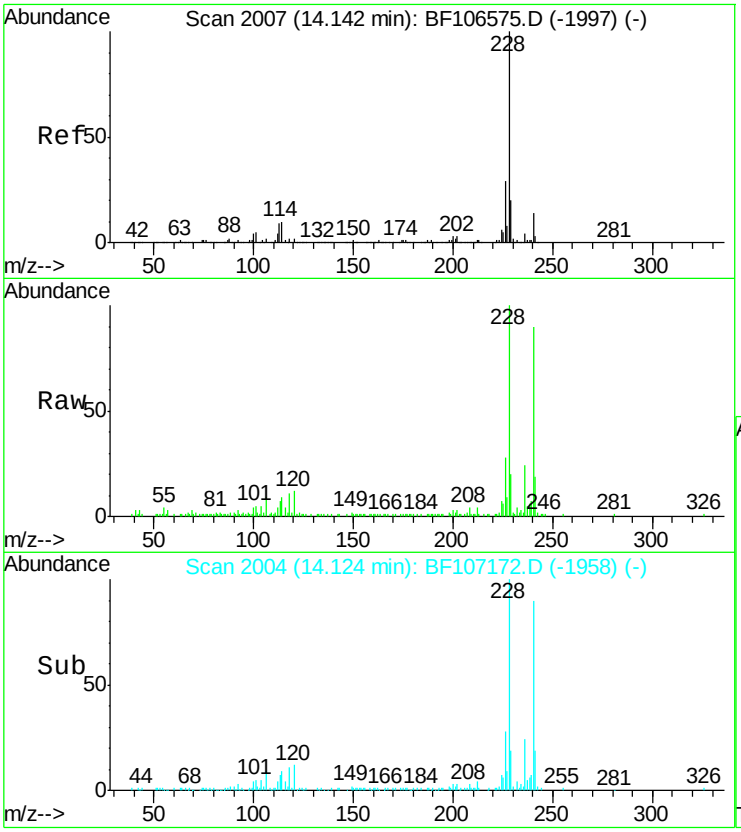


#78
Terphenyl-d14
Concen: 76.205 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:244 Resp: 524963

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.3	11.0	16.4#



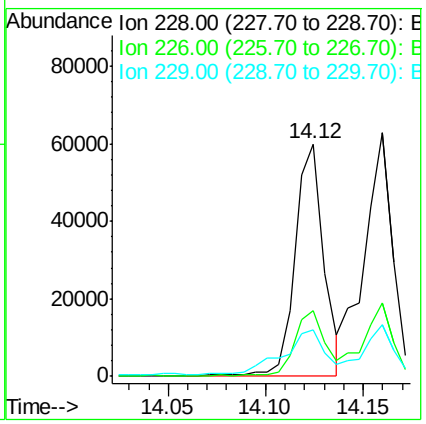


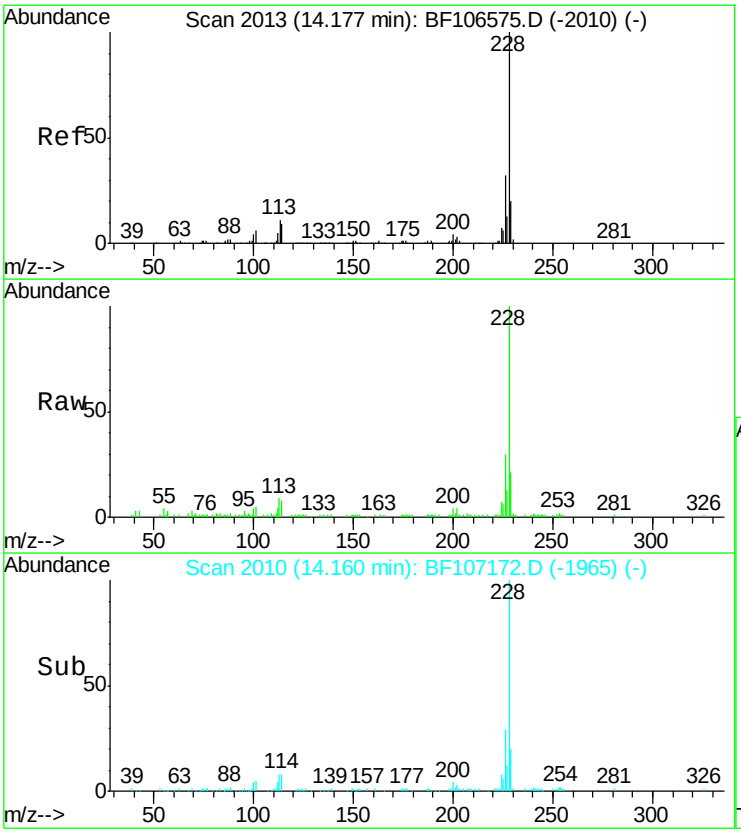
#80
Benzo(a)anthracene
Concen: 6.020 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:228 Resp: 61220

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	15.8	23.6

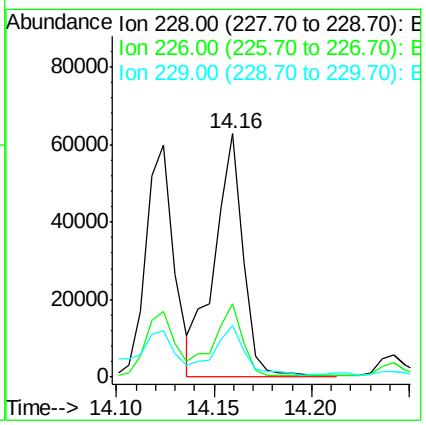


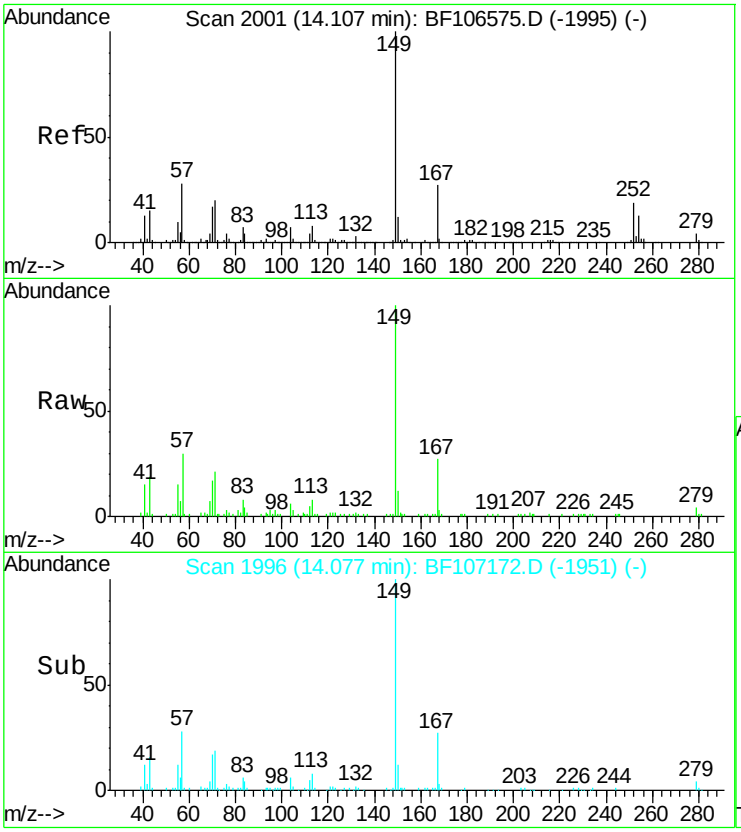


#82
Chrysene
Concen: 6.827 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:228 Resp: 63878

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.1	16.2	24.4



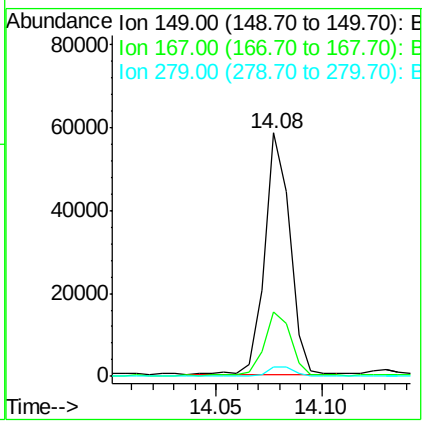


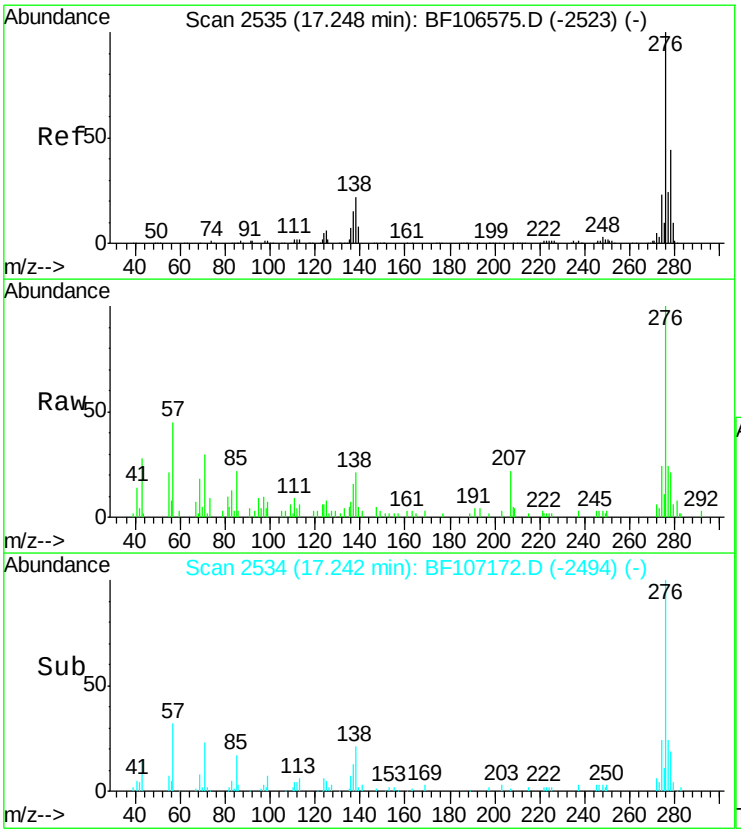
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.342 ng
RT: 14.08 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:149 Resp: 48250

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.7	3.0	4.4

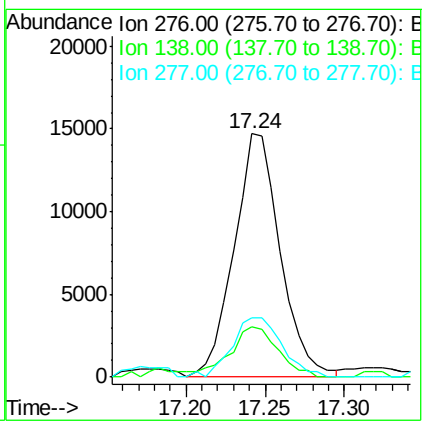


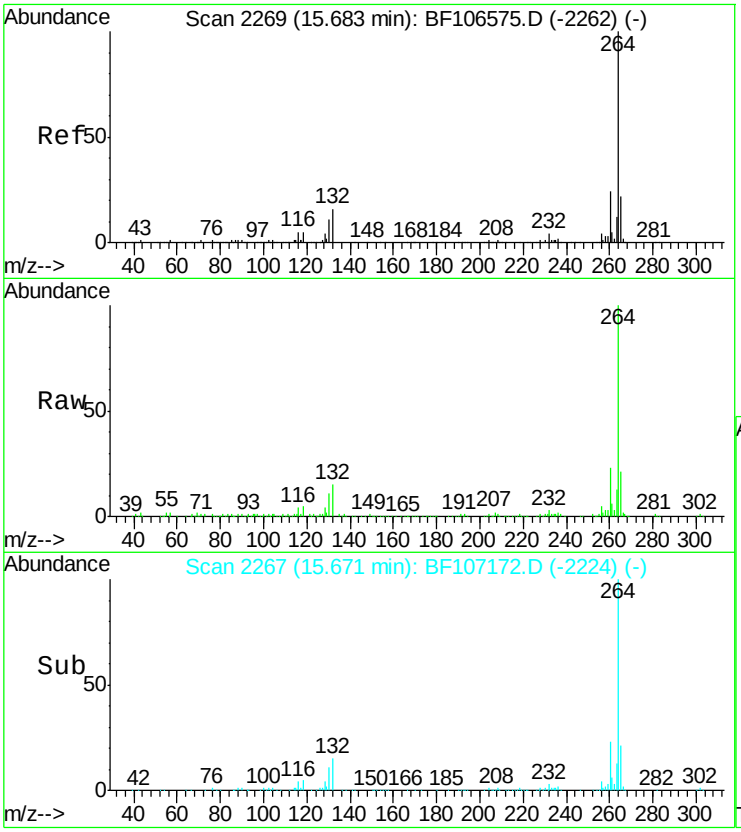


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.753 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:276 Resp: 29799

Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	26.4	20.1	30.1



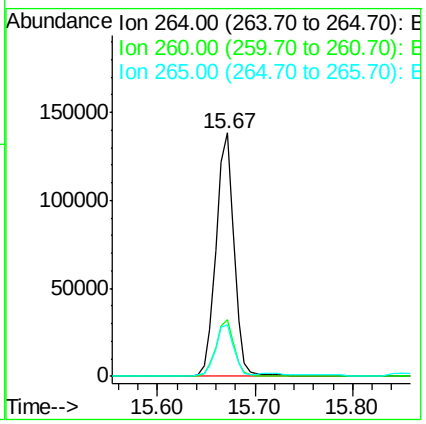


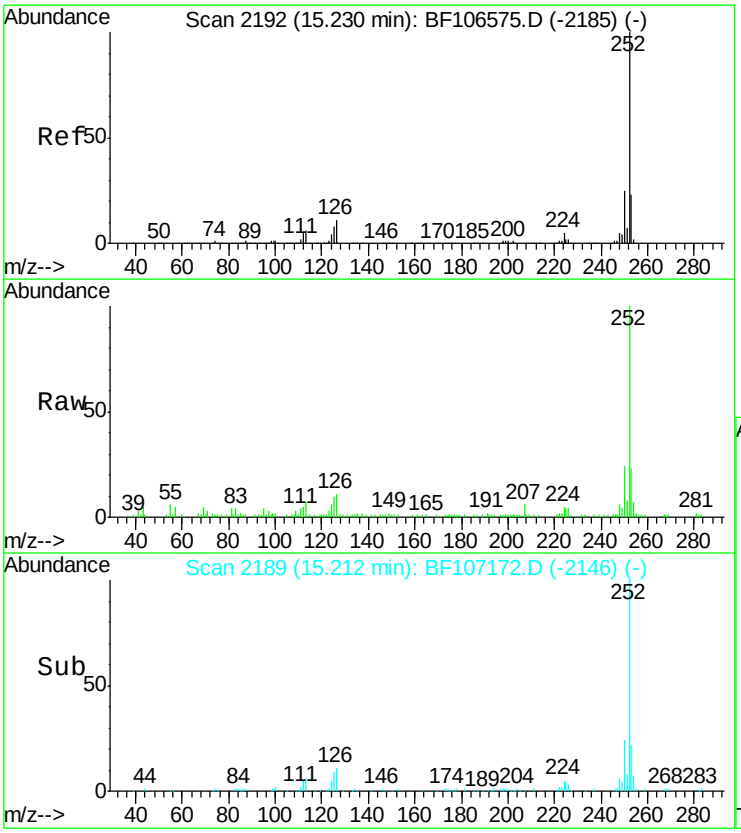
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:264 Resp: 177881

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3

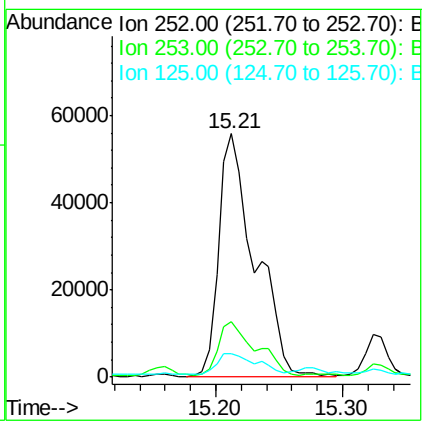


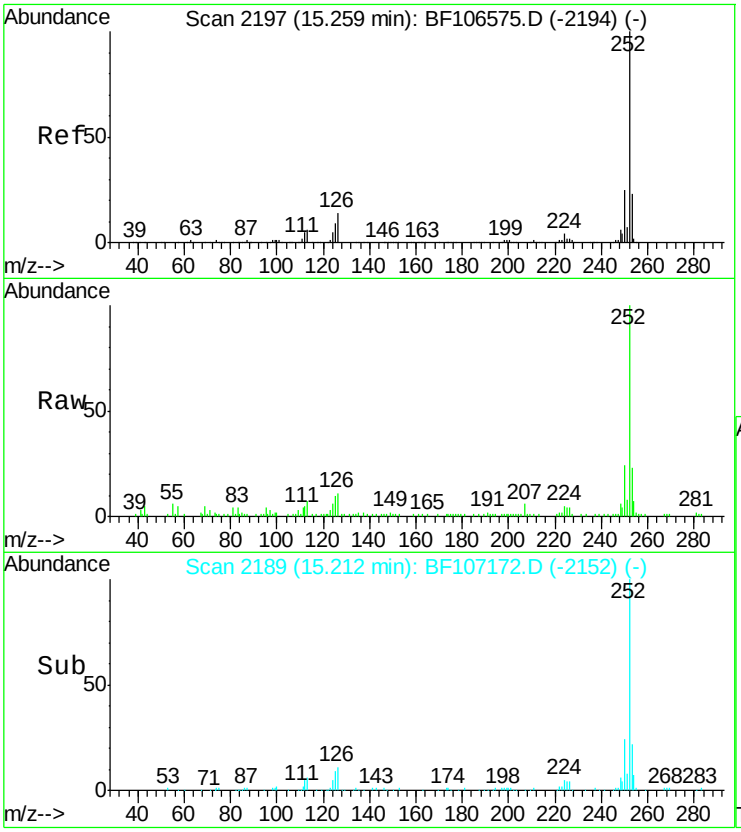


#87
Benzo(b)fluoranthene
Concen: 10.122 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:252 Resp: 111845

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.9	9.0	13.6



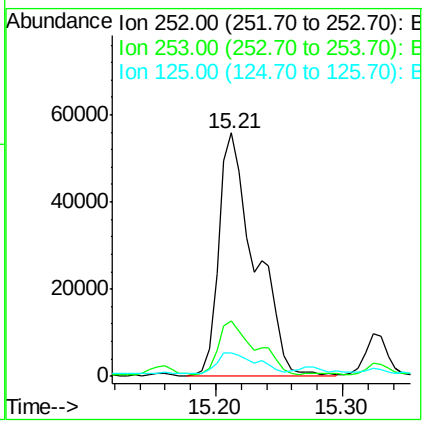


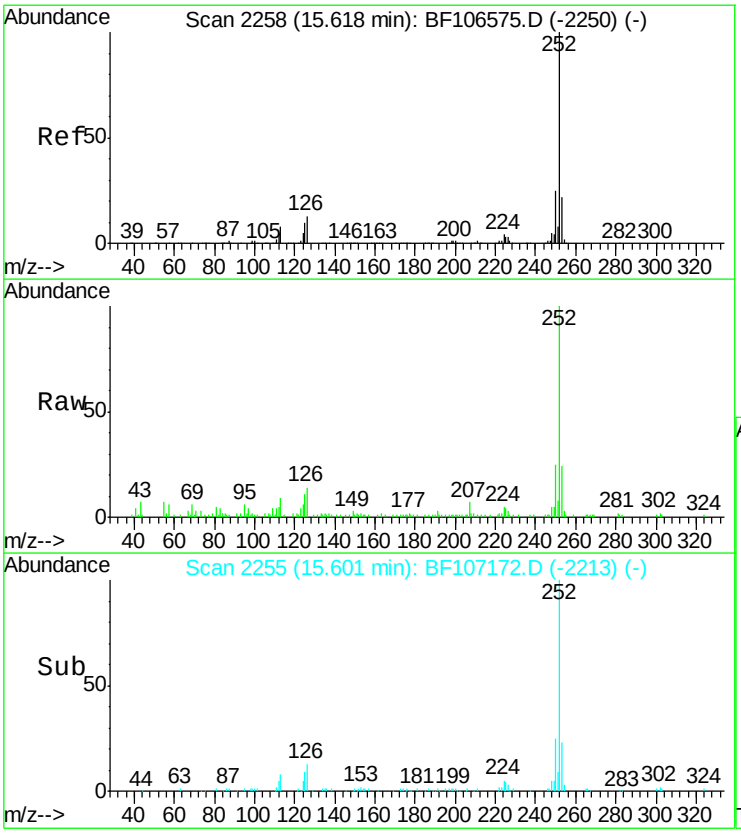
#88
Benzo(k)fluoranthene
Concen: 10.629 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.08 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:252 Resp: 111845

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.9	10.2	15.2#

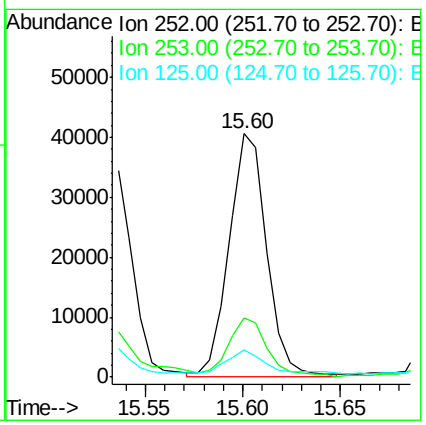


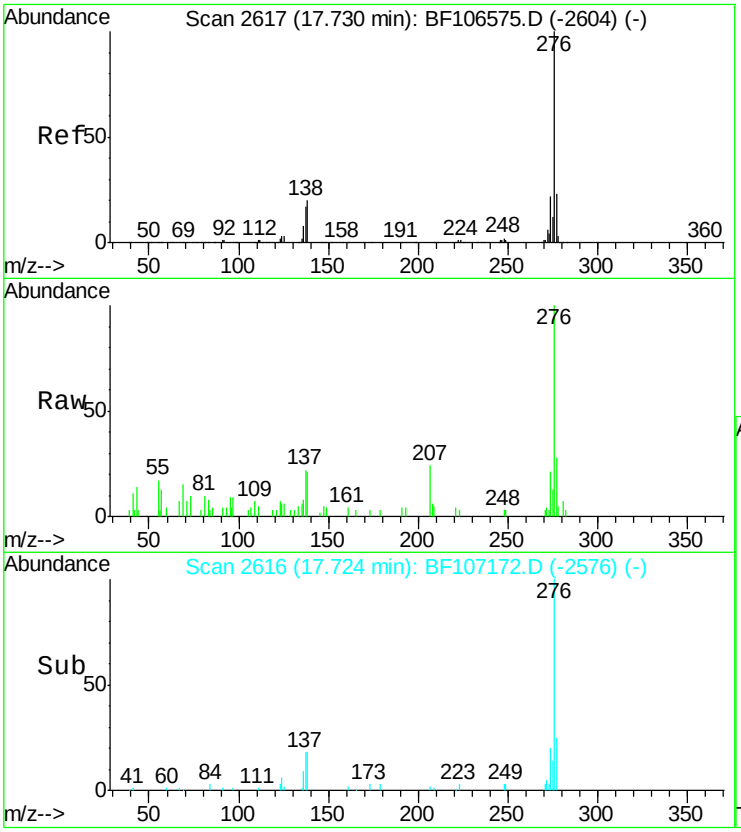


#89
Benzo(a)pyrene
Concen: 5.553 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion:252 Resp: 54548

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	11.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.366 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.06 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tgt Ion:276 Resp: 27392

Ion	Ratio	Lower	Upper
276	100		
277	28.0	17.9	26.9#
138	20.8	21.8	32.8#