Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106633.D
Acq On : 20 Jun 2018 21:28
Operator : JU/SJ
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

Quant Time: Jun 21 01:04:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93753	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	378291	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	202029	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	381823	20.00	ng		0.00
75) Chrysene-d12	14.15	240	278844	20.00	ng		0.00
86) Perylene-d12	15.68	264	284164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	120153	21.70	ng		0.00
7) Phenol-d6	6.61	99	157234	22.74	ng		0.00
23) Nitrobenzene-d5	7.52	82	97631	14.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	50272	21.47	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	211569	3.60	ng		-0.01
78) Terphenyl-d14	13.08	244	218129	18.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	13512	2.965	ng	#	78
25) Isophorone	7.52	82	97650	8.141	ng	#	64
51) Acenaphthene	10.03	154	35675	2.831	ng		97
57) Fluorene	10.55	166	68402	4.996	ng		98
70) Phenanthrene	11.52	178	516539	28.048	ng		99
71) Anthracene	11.57	178	159765	8.499	ng		99
74) Fluoranthene	12.72	202	941405	46.379	ng		96
77) Pyrene	12.95	202	828501	45.057	ng		98
80) Benzo(a)anthracene	14.14	228	446559	26.276	ng		97
82) Chrysene	14.17	228	371376	23.753	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	154355	11.633	ng	#	89
87) Benzo(b)fluoranthene	15.23	252	635183	35.983	ng	#	95
88) Benzo(k)fluoranthene	15.23	252	635183	37.786	ng	#	95
89) Benzo(a)pyrene	15.55	252	221408	14.109	ng		96
90) Dibenzo(a,h)anthracene	17.44	278	33018	2.483	ng		94
91) Benzo(g,h,i)perylene	17.72	276	141927	10.918	ng	#	92

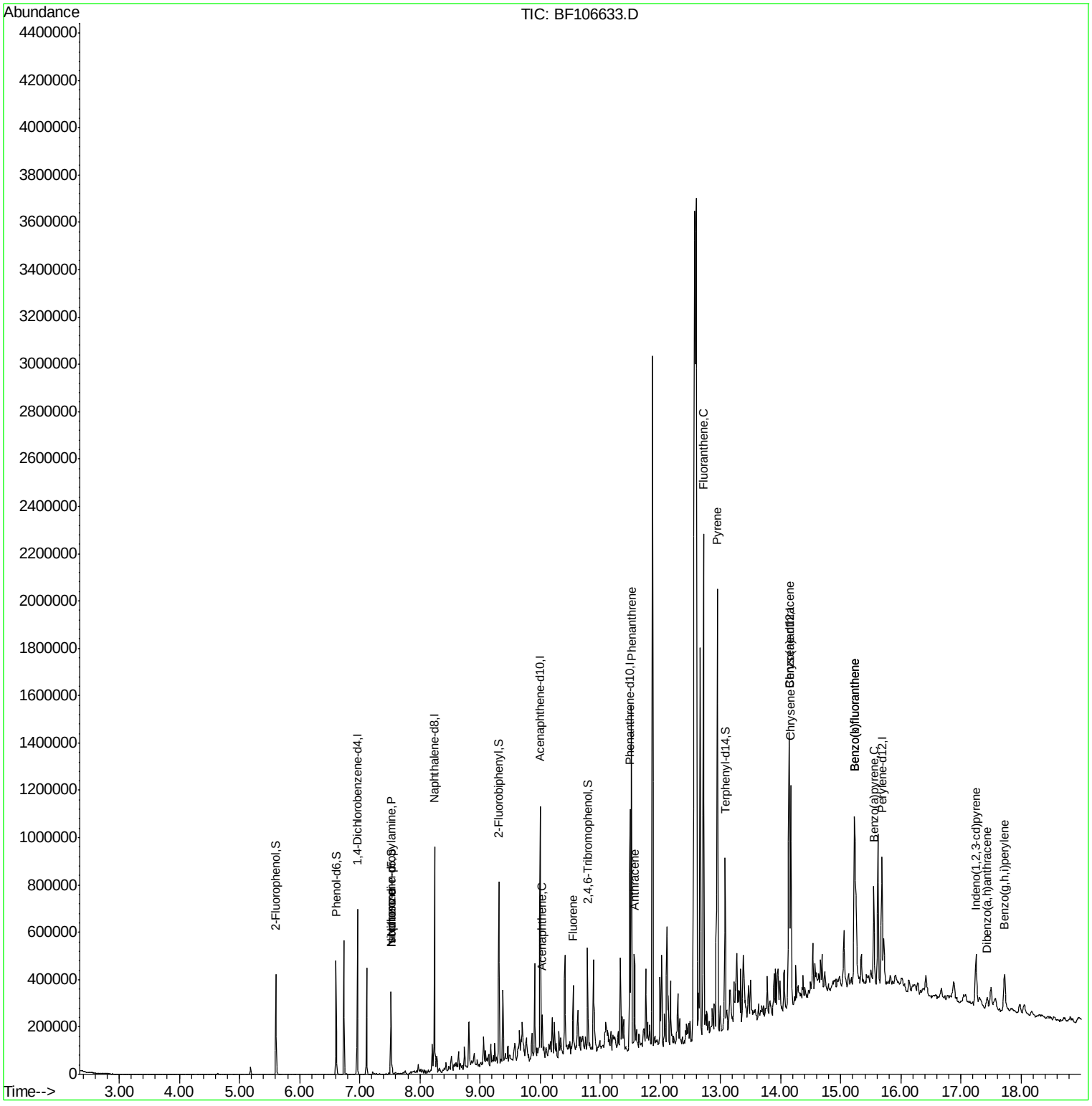
(#) = qualifier out of range (m) = manual integration (+) = signals summed

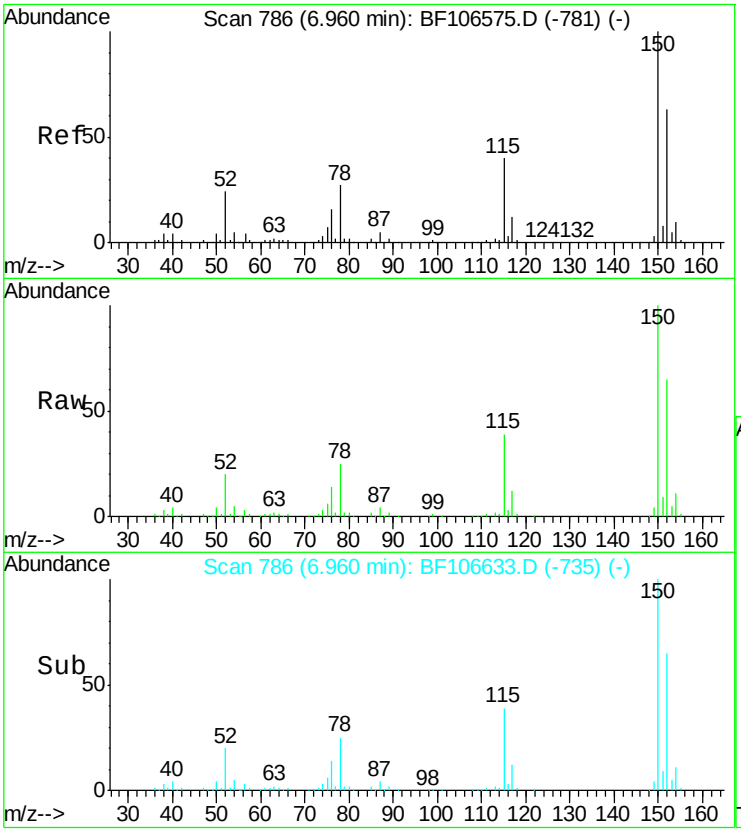
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106633.D
Acq On : 20 Jun 2018 21:28
Operator : JU/SJ
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Quant Time: Jun 21 01:04:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration



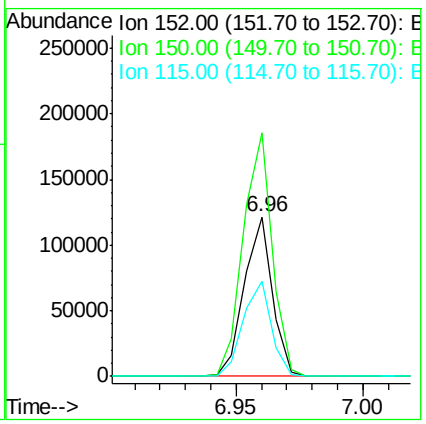


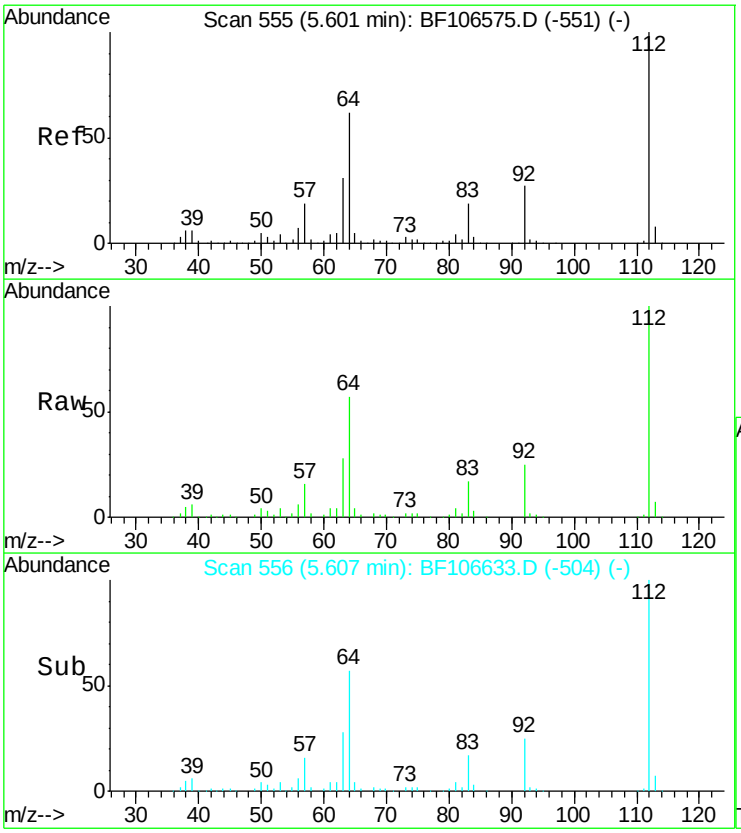
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:152 Resp: 93753

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	59.4	50.1	75.1

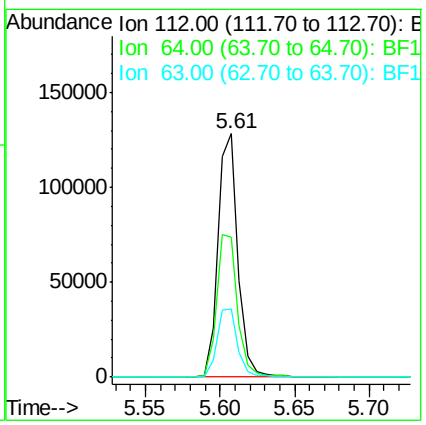


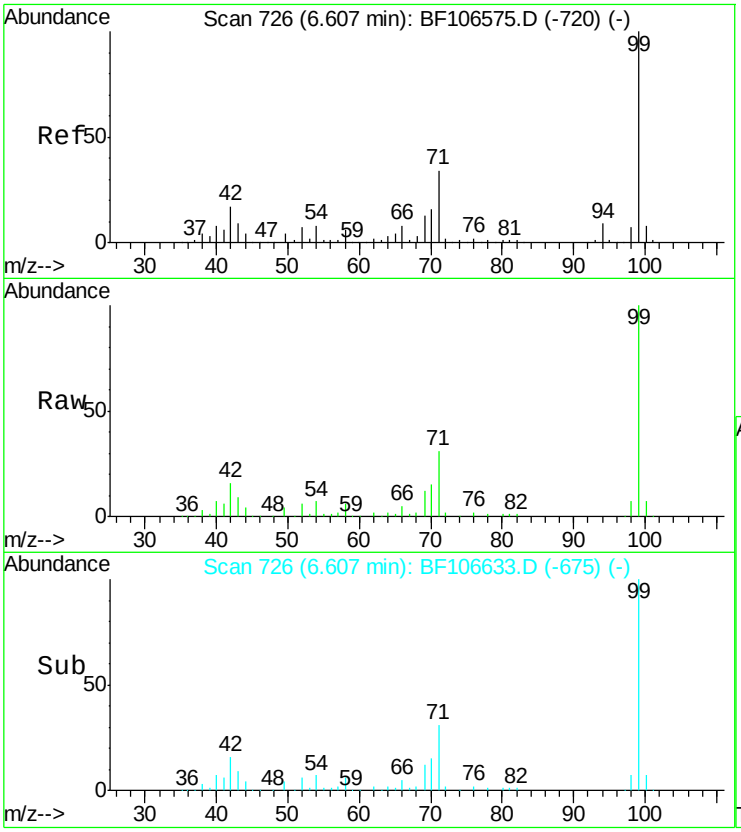


#5
2-Fluorophenol
Concen: 21.701 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:112 Resp: 120153

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.2	23.7	35.5



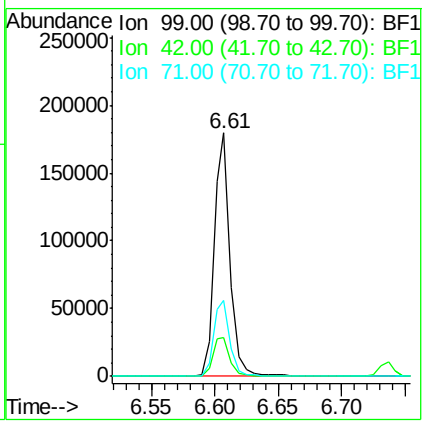


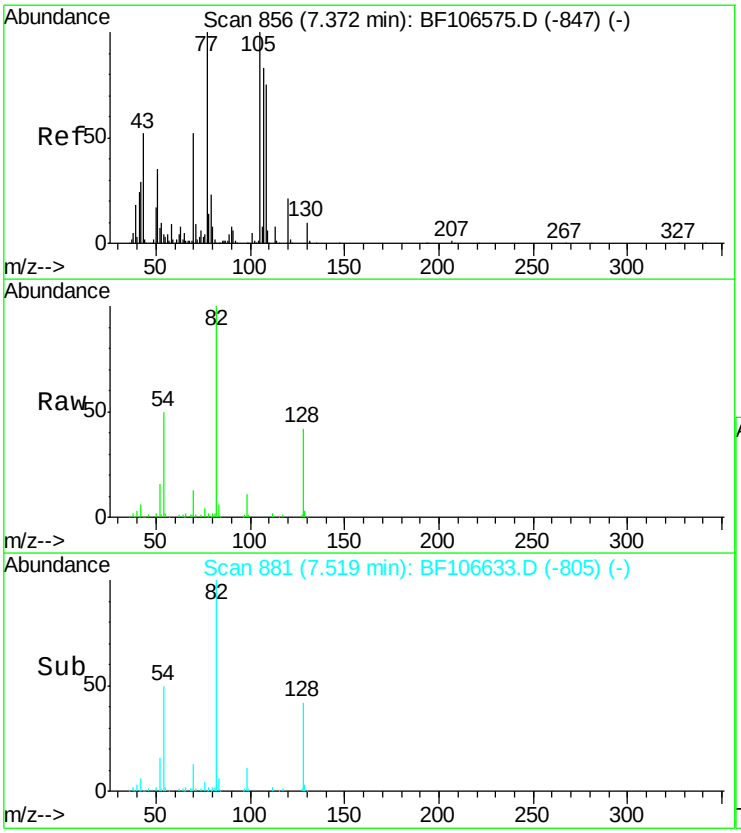
#7
Phenol-d6
Concen: 22.741 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion: 99 Resp: 157234

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	31.3	25.4	38.0

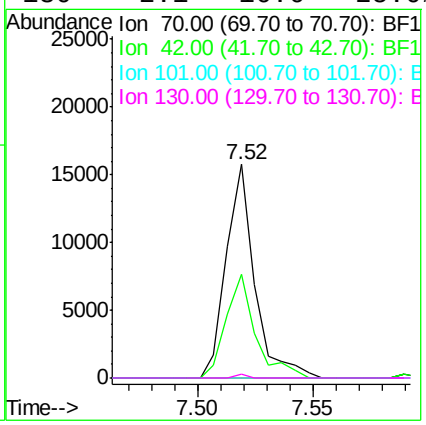


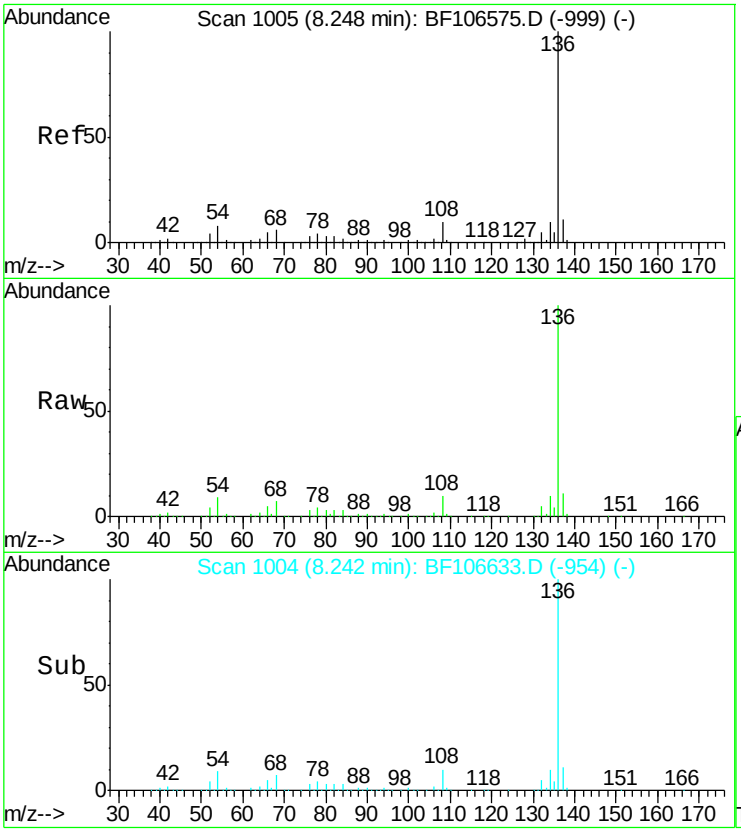


#19
n-Nitroso-di-n-propylamine
Concen: 2.965 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion: 70 Resp: 13512

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



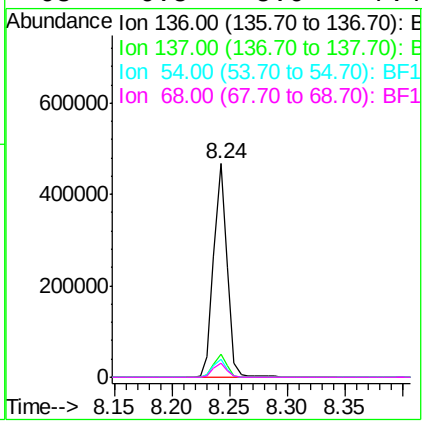


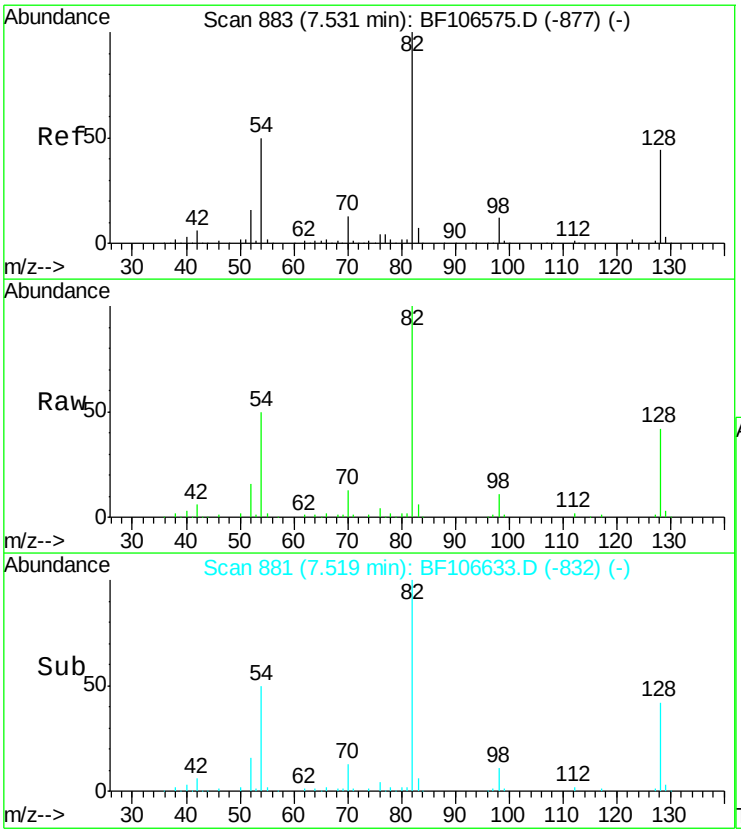
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:136 Resp: 378291

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	6.5	5.0	7.4

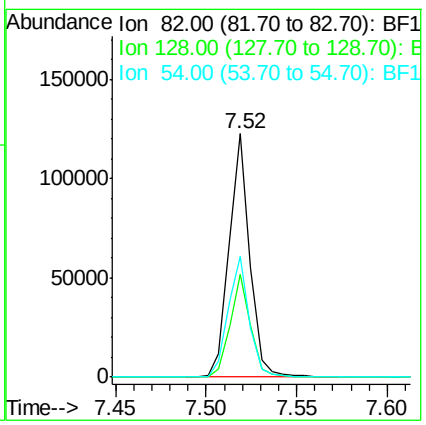


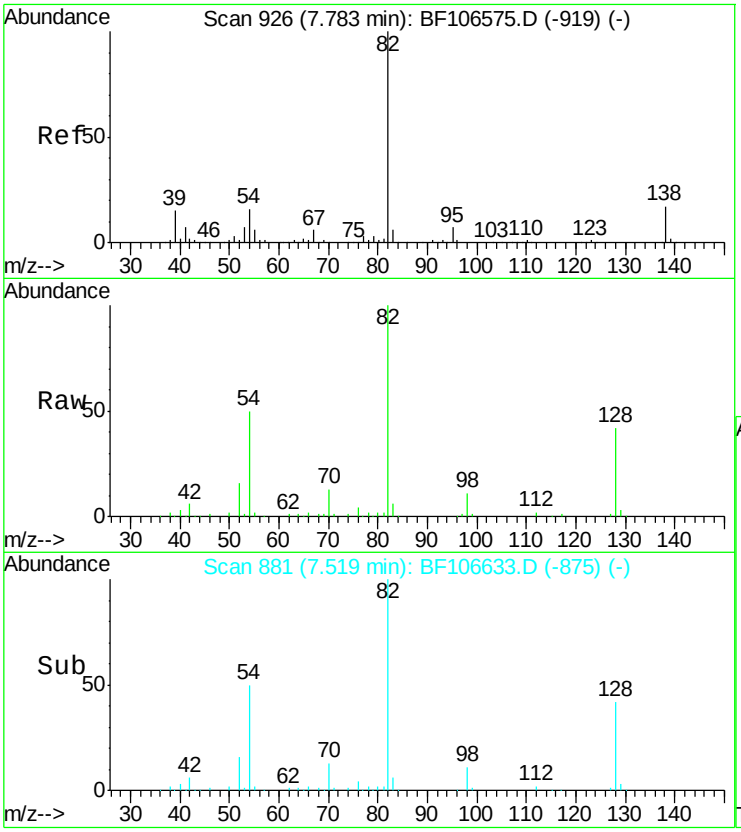


#23
Nitrobenzene-d5
Concen: 14.343 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion: 82 Resp: 97631

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	49.7	41.4	62.2



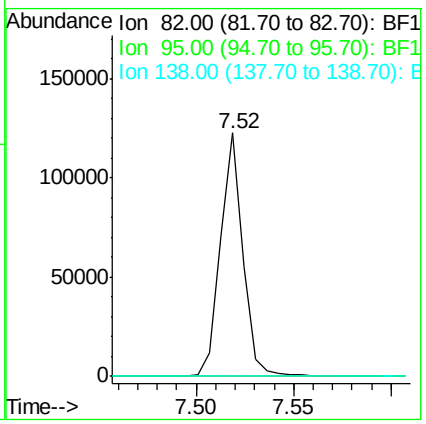


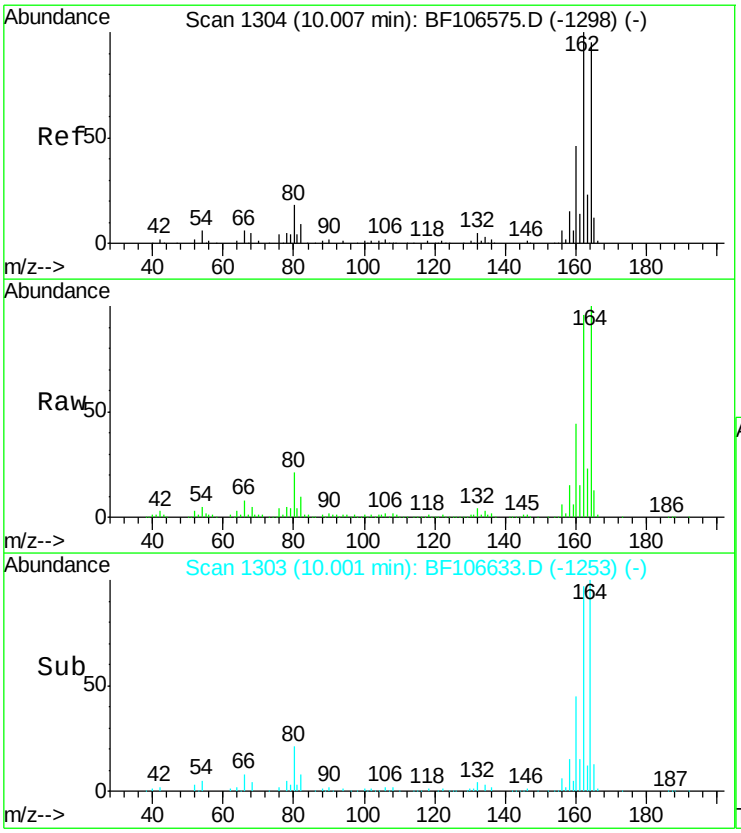
#25
Isophorone
Concen: 8.141 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion: 82 Resp: 97650

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

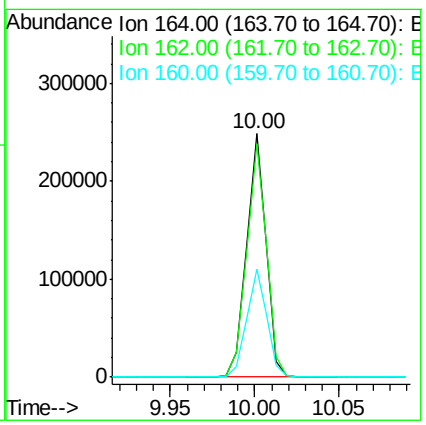


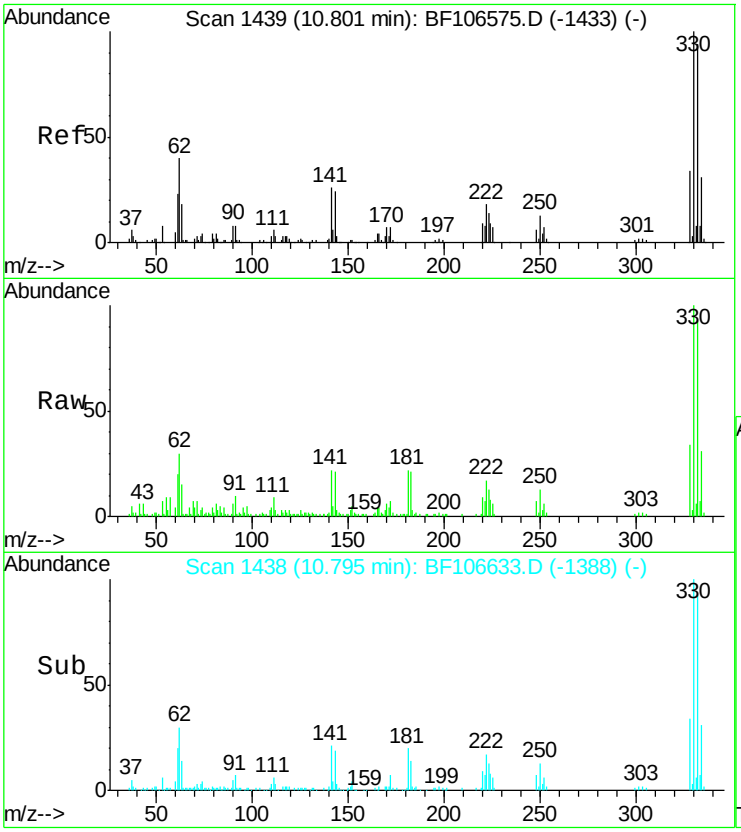


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:164 Resp: 202029

Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	44.2	38.3	57.5



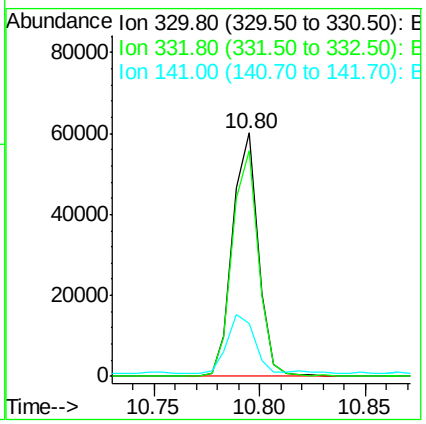


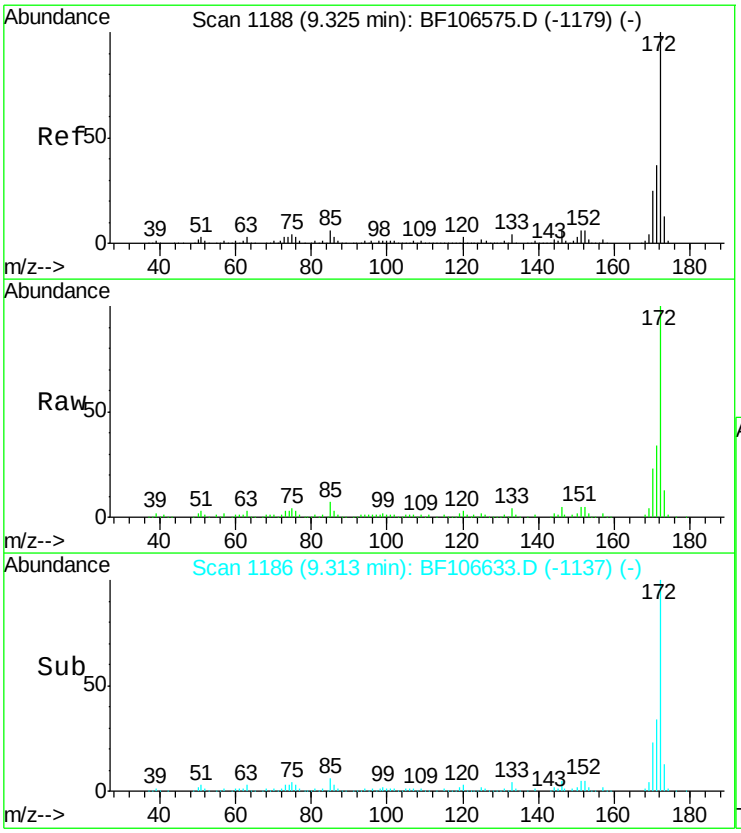
#41
2,4,6-Tribromophenol
Concen: 21.469 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:330 Resp: 50272

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	26.5	29.9	44.9#

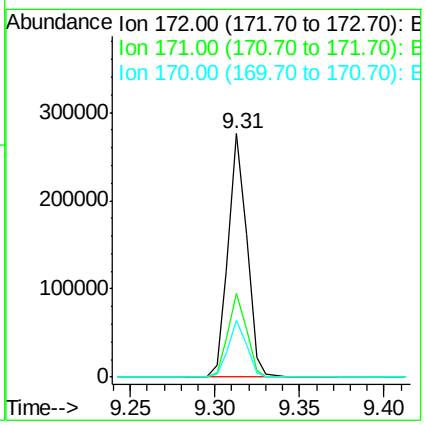


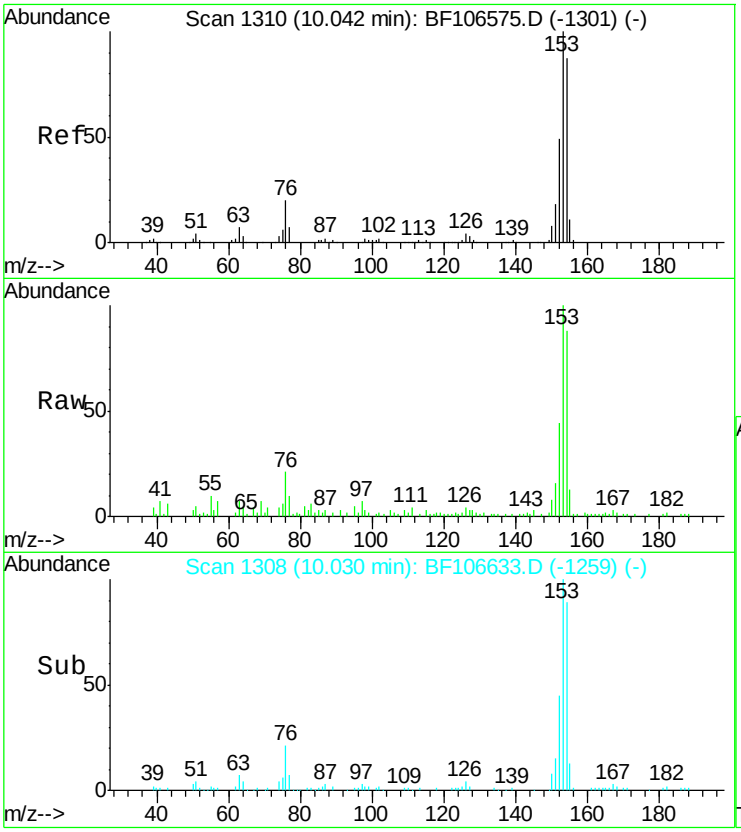


#44
2-Fluorobiphenyl
Concen: 3.599 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:172 Resp: 211569

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	23.1	19.6	29.4



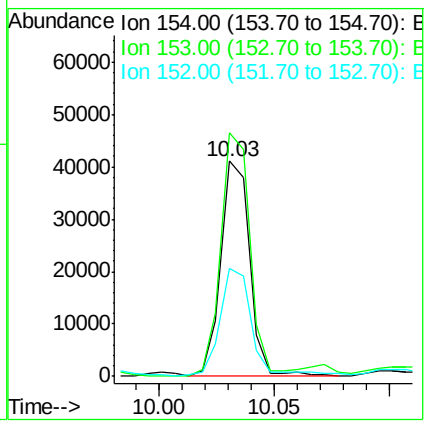


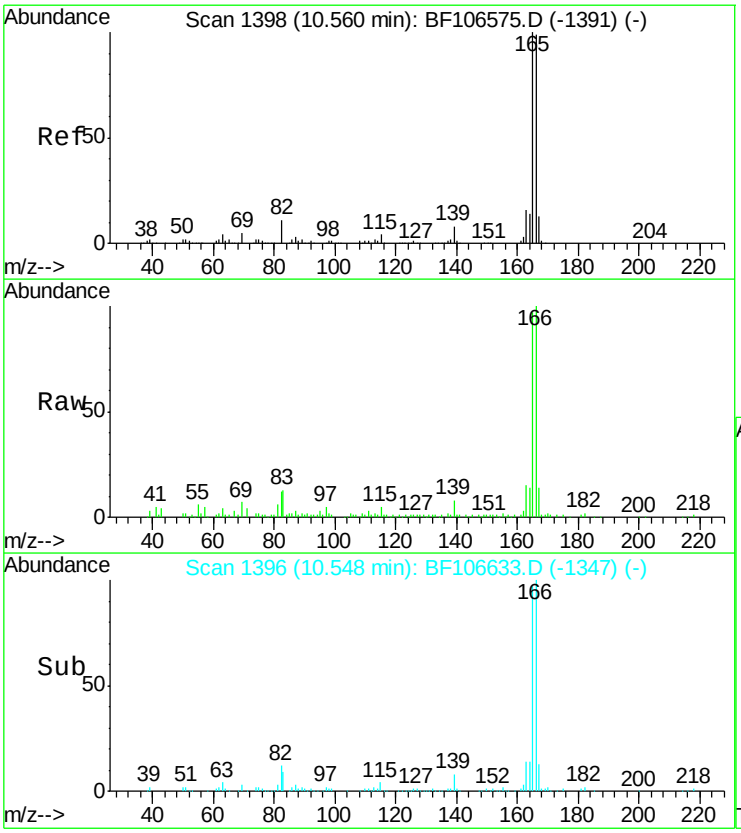
#51
Acenaphthene
Concen: 2.831 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:154 Resp: 35675

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	50.0	43.8	65.8

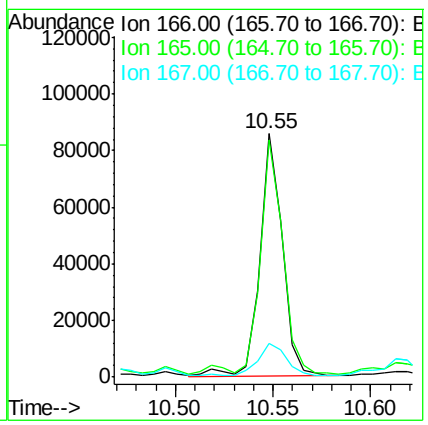


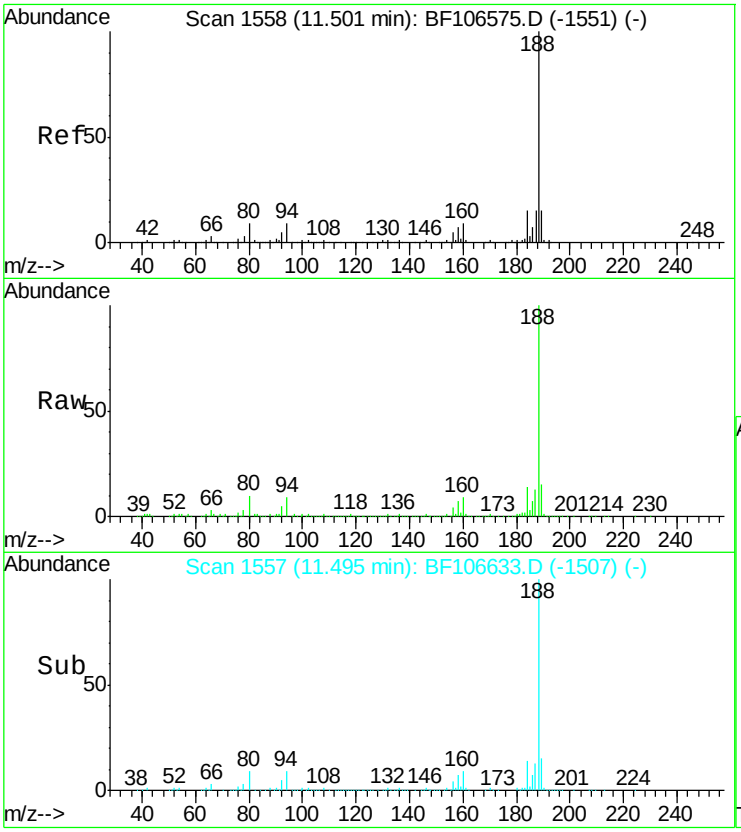


#57
Fluorene
Concen: 4.996 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:166 Resp: 68402

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	13.6	10.6	16.0



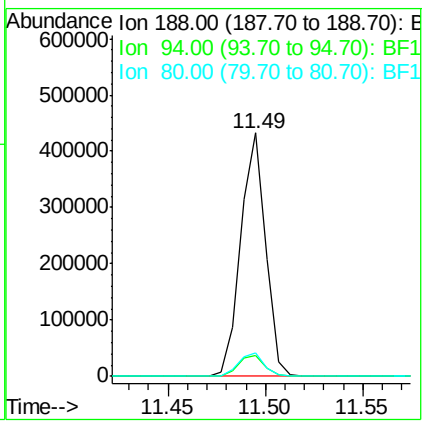


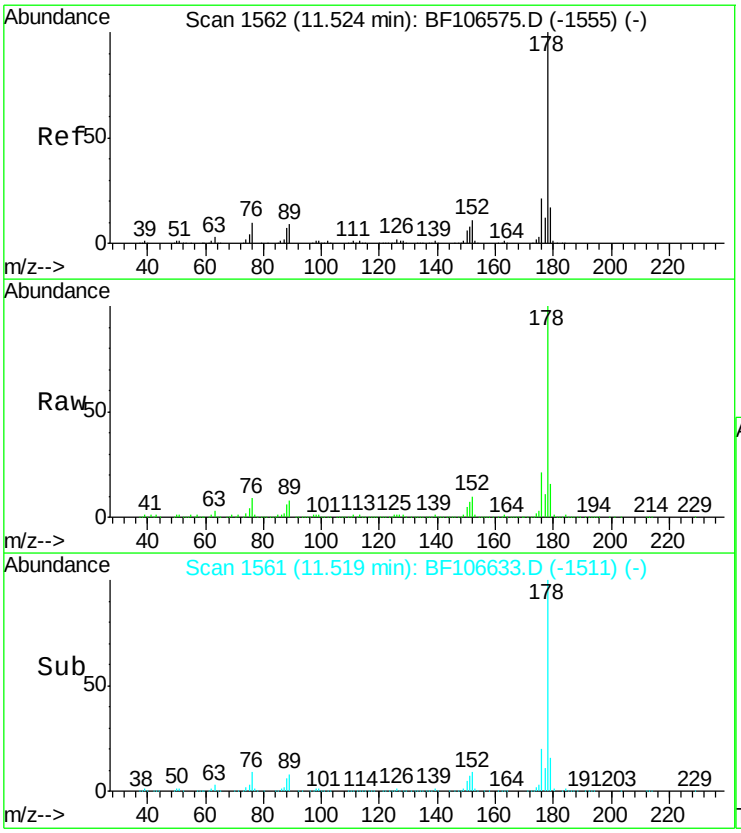
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:188 Resp: 381823

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.6	9.2	13.8

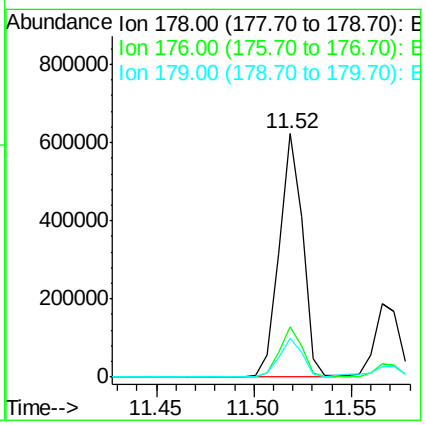


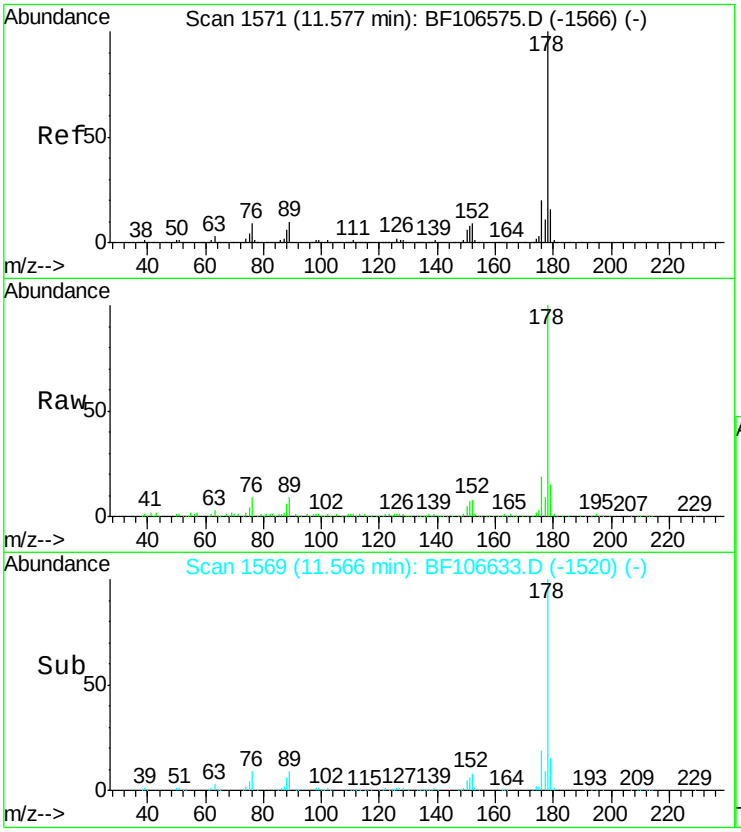


#70
Phenanthrene
Concen: 28.048 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:178 Resp: 516539

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.8	13.0	19.6



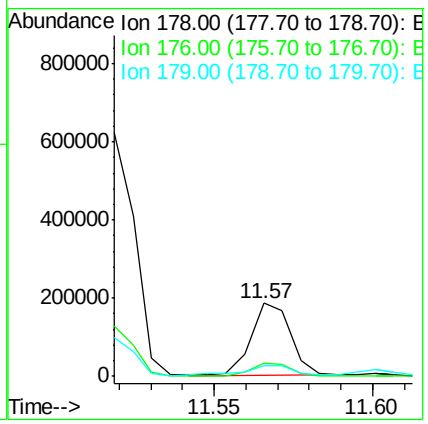


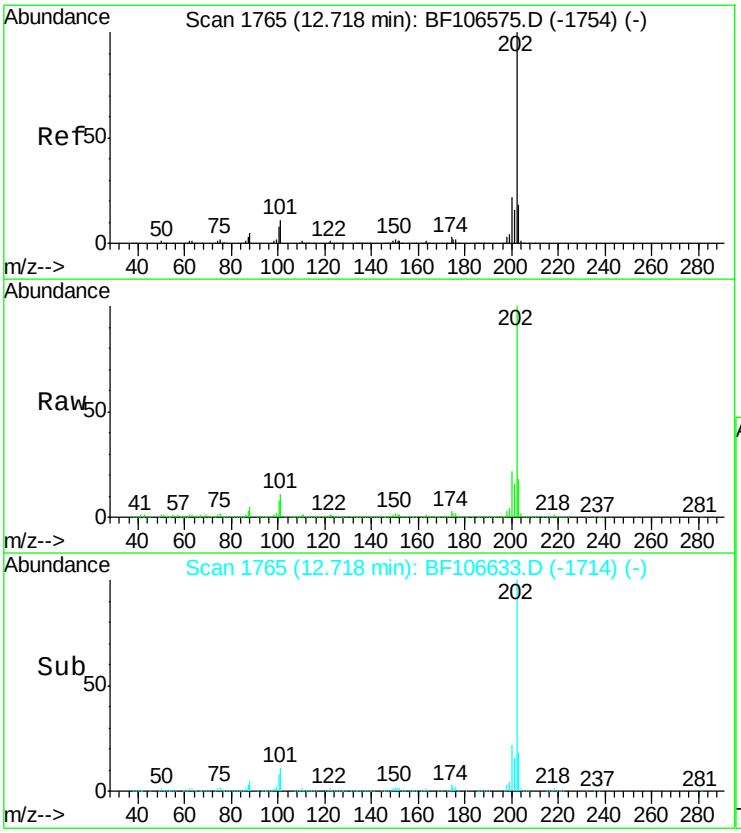
#71
Anthracene
Concen: 8.499 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:178 Resp: 159765

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.6	19.0

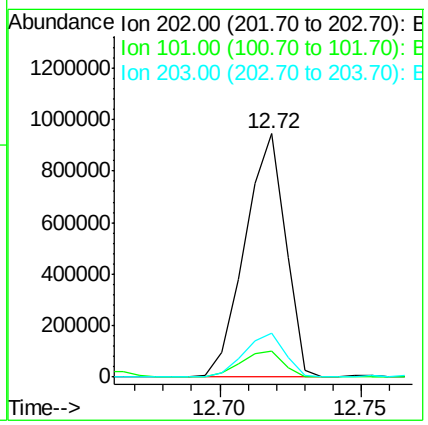


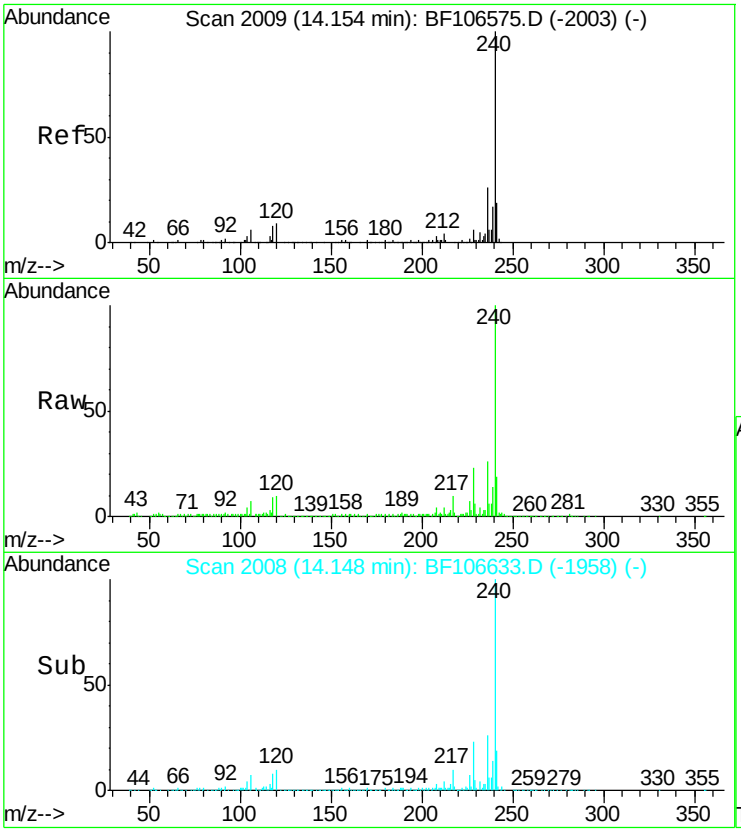


#74
Fluoranthene
Concen: 46.379 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:202 Resp: 941405

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.3	0.0	38.1



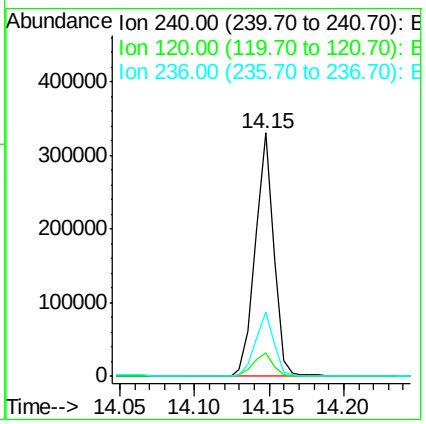


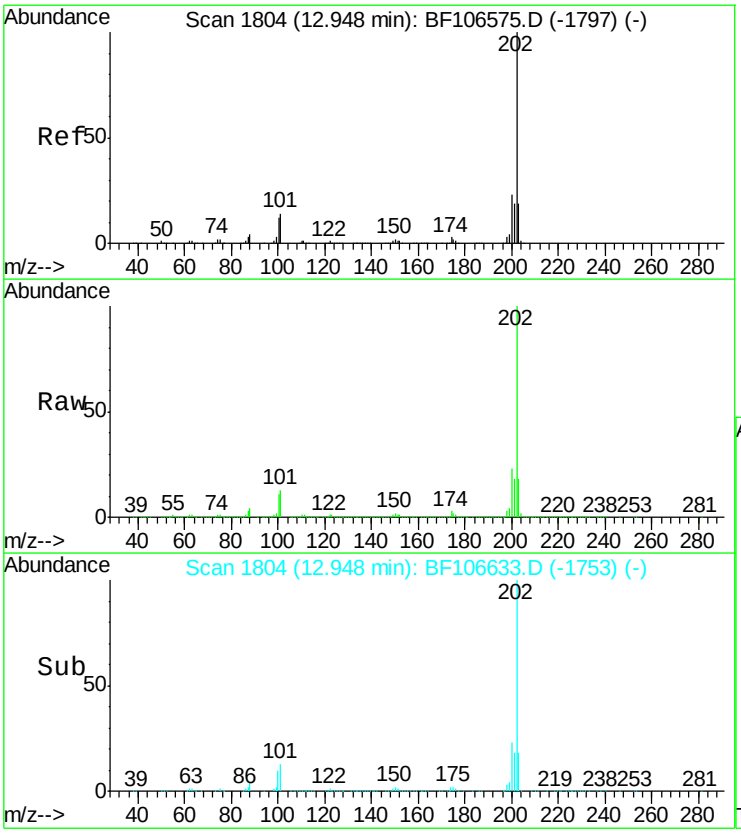
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:240 Resp: 278844

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.2	20.7	31.1

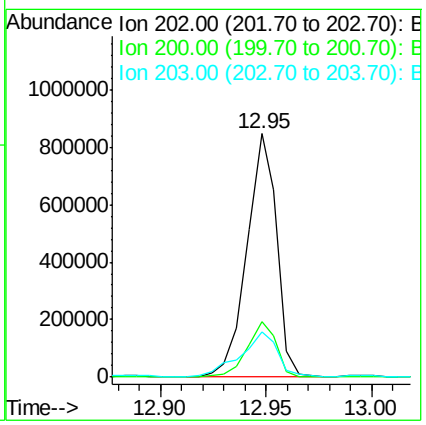


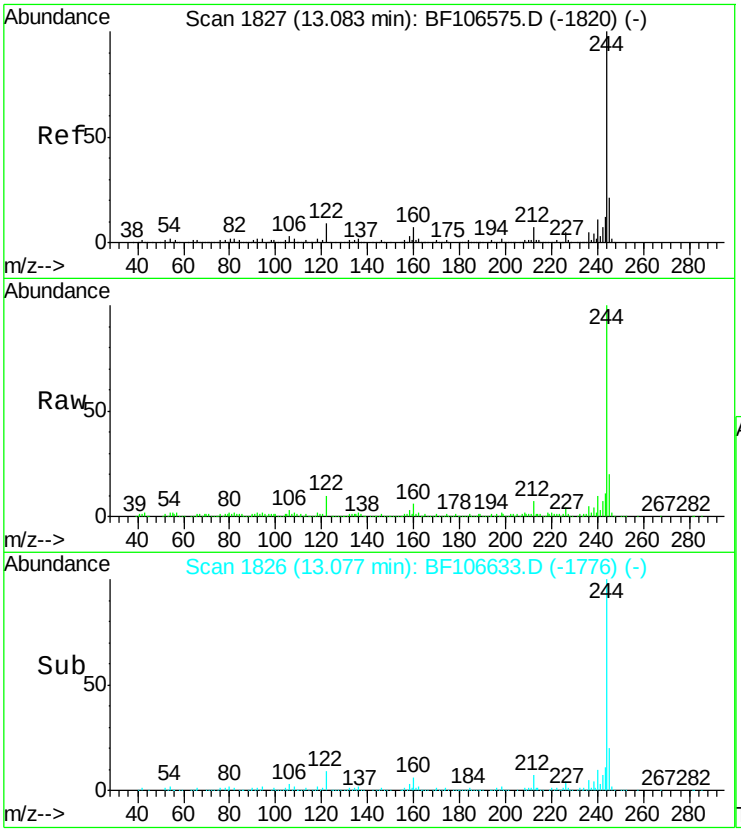


#77
Pyrene
Concen: 45.057 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:202 Resp: 828501

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.4	14.3	21.5



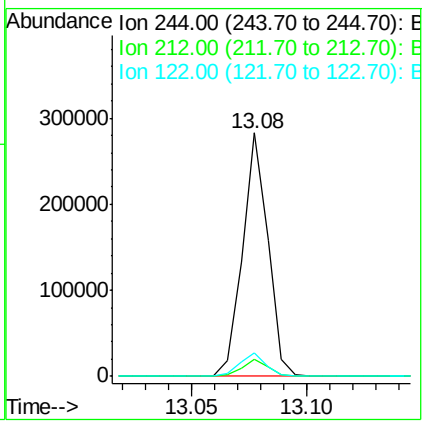


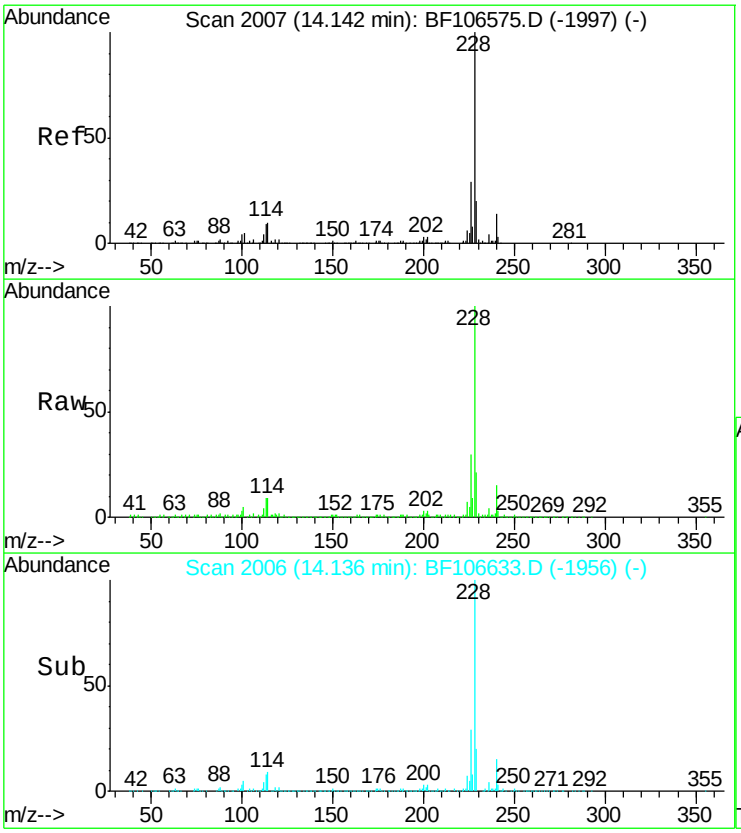
#78
Terphenyl-d14
Concen: 18.949 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:244 Resp: 218129

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.7	11.0	16.4#

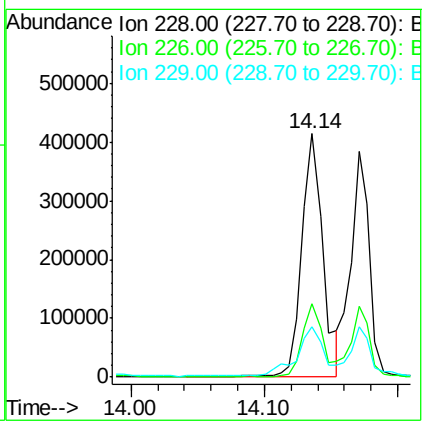


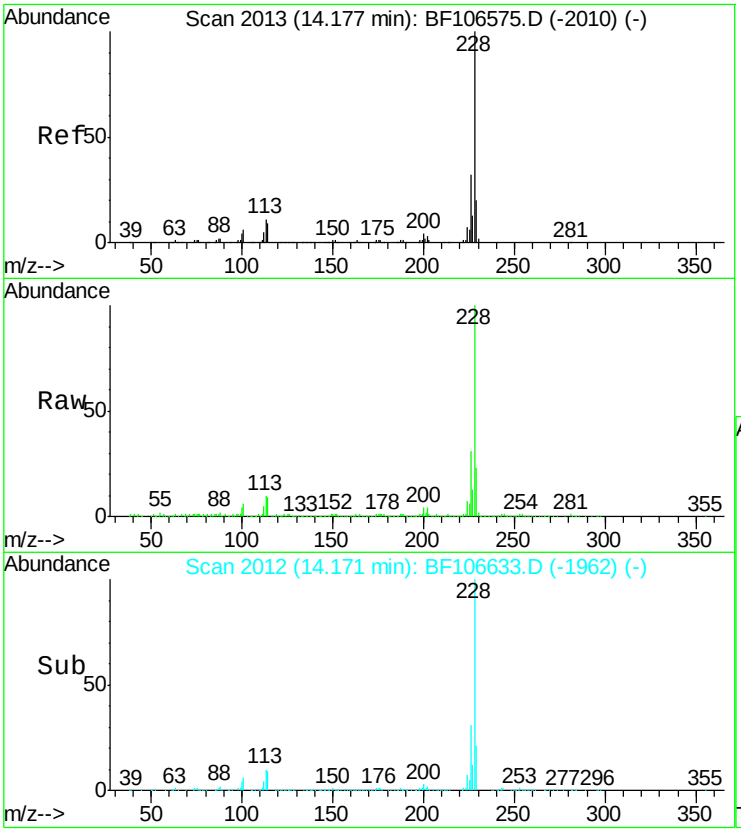


#80
Benzo(a)anthracene
Concen: 26.276 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:228 Resp: 446559

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.7	15.8	23.6



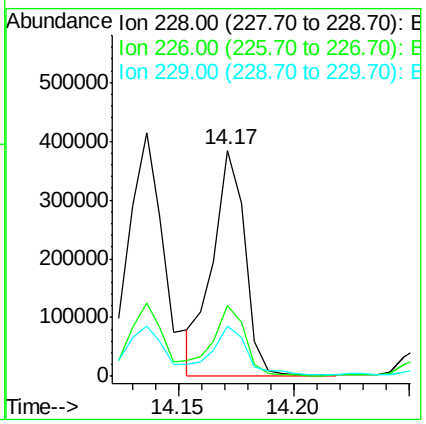


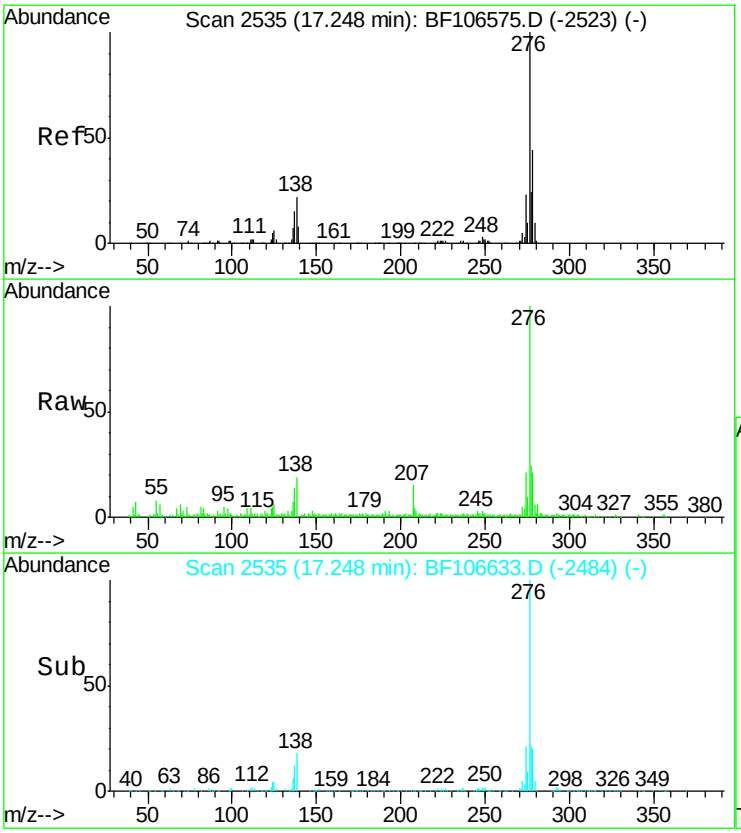
#82
Chrysene
Concen: 23.753 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:228 Resp: 371376

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.5	16.2	24.4

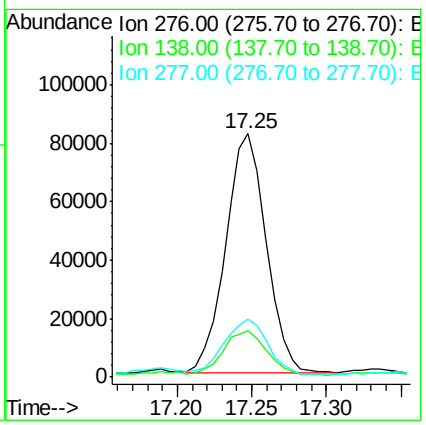


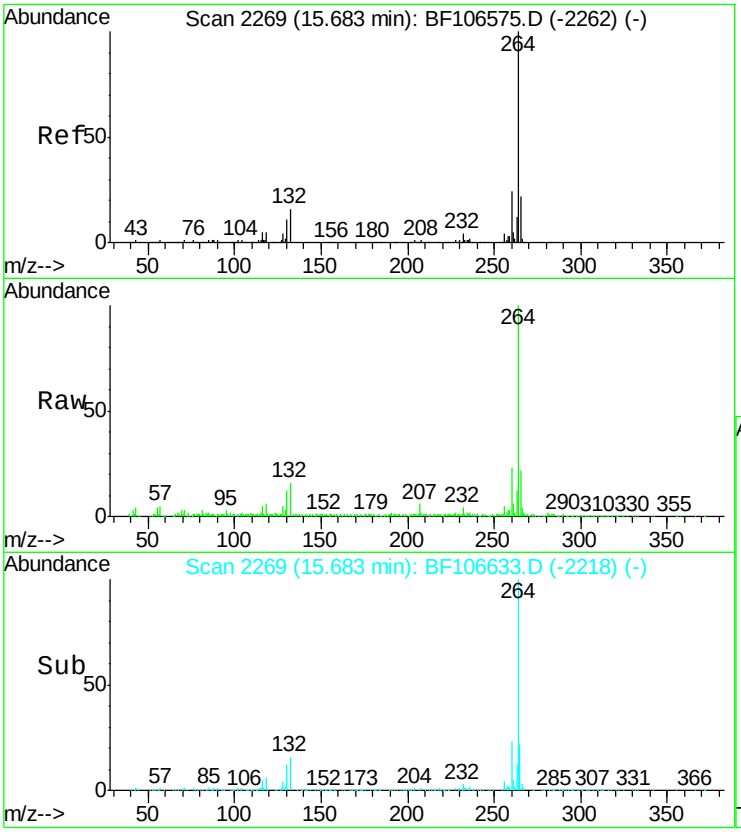


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.633 ng
RT: 17.25 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:276 Resp: 154355

Ion	Ratio	Lower	Upper
276	100		
138	20.2	25.0	37.6#
277	25.1	20.1	30.1



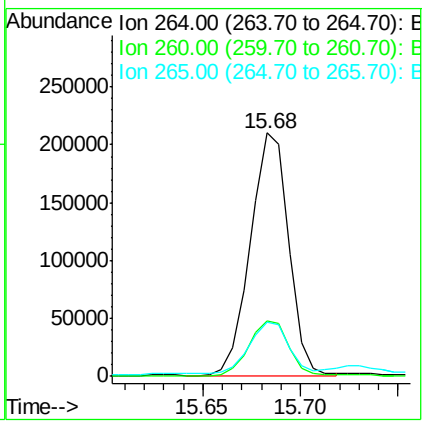


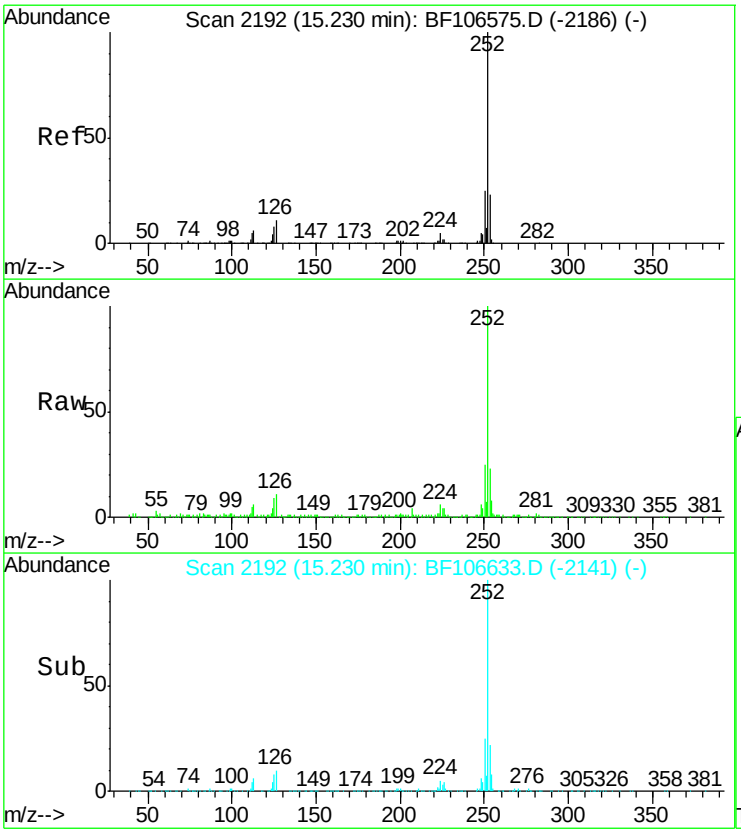
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:264 Resp: 284164

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.5	17.5	26.3

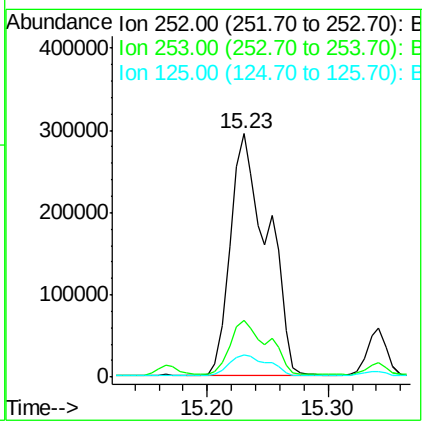


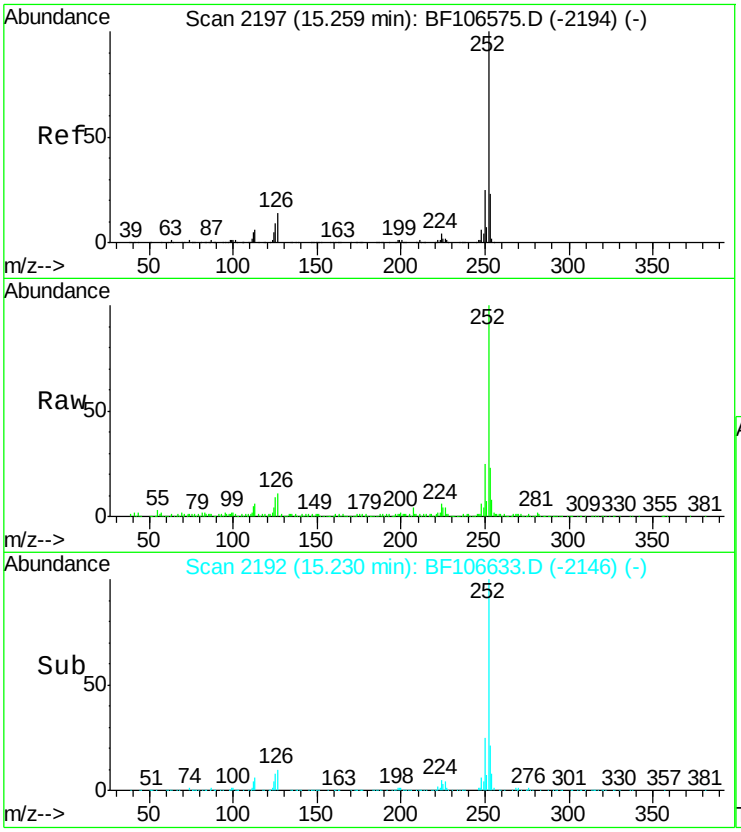


#87
Benzo(b)fluoranthene
Concen: 35.983 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:252 Resp: 635183

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	8.9	9.0	13.6#



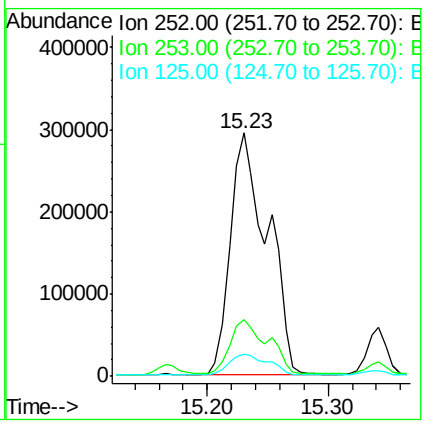


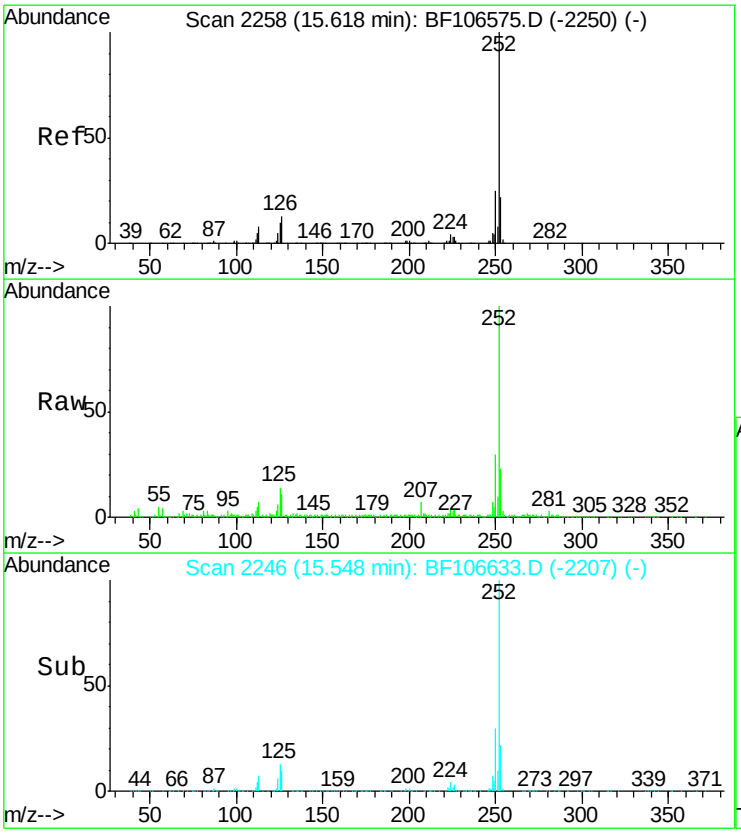
#88
Benzo(k)fluoranthene
Concen: 37.786 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:252 Resp: 635183

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	8.9	10.2	15.2#

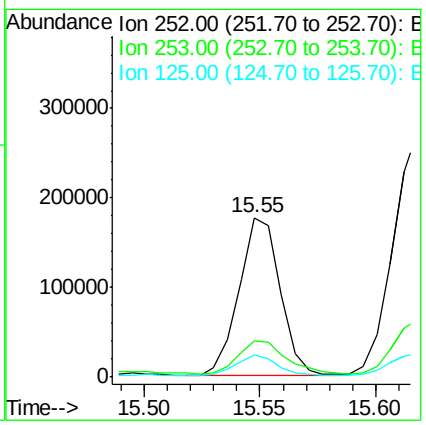


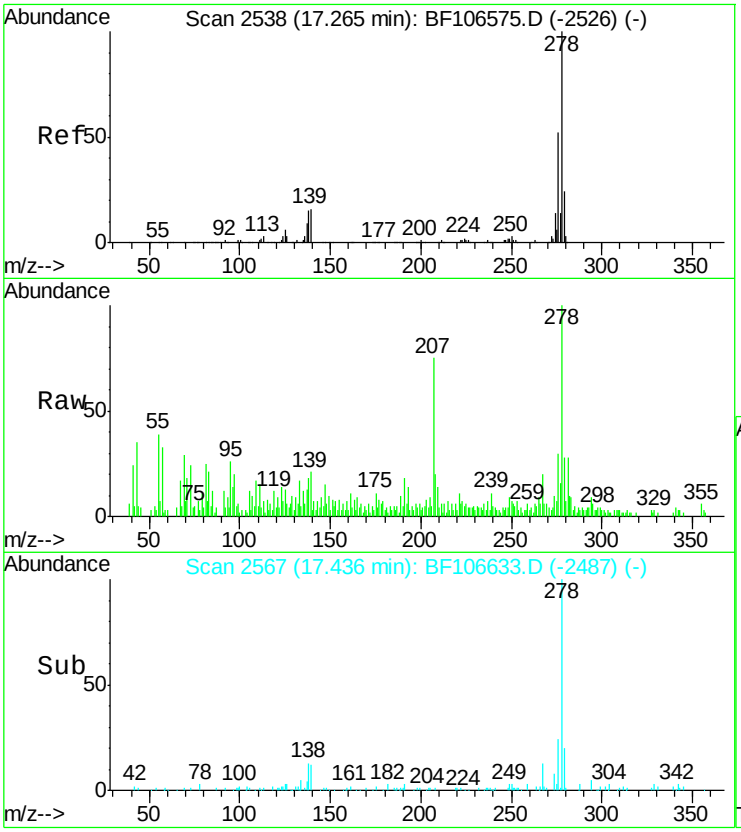


#89
Benzo(a)pyrene
Concen: 14.109 ng
RT: 15.55 min Scan# 2246
Delta R.T. -0.07 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:252 Resp: 221408

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.0	9.8	14.6



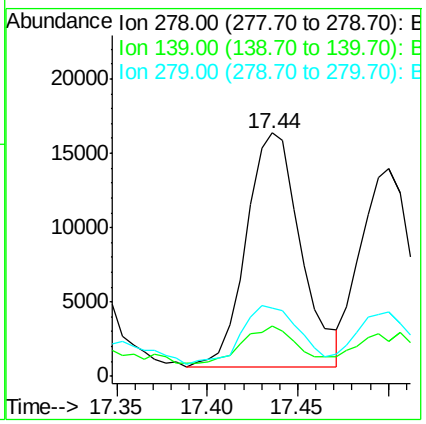


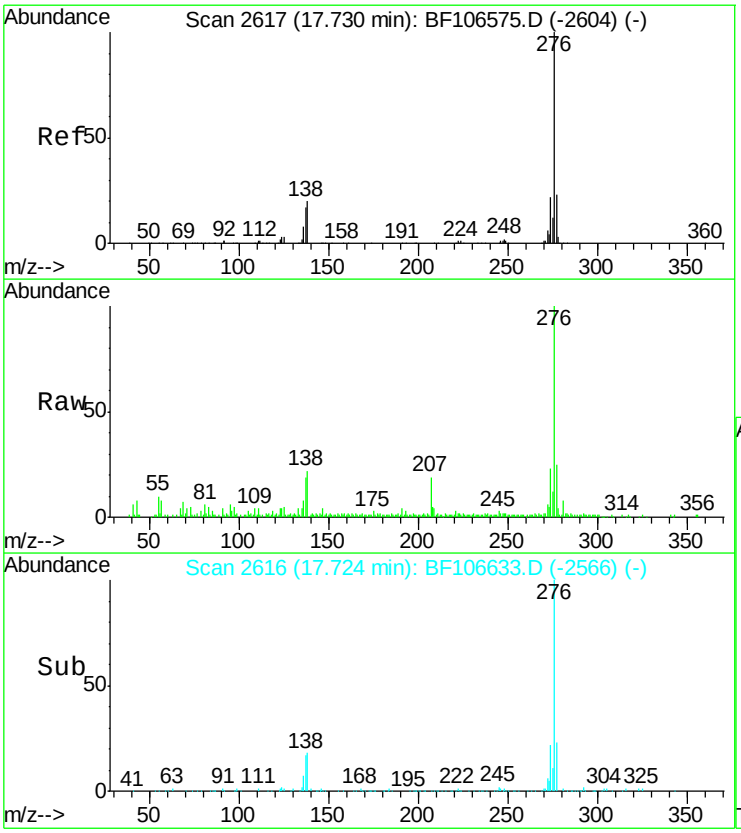
#90
Dibenzo(a,h)anthracene
Concen: 2.483 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.17 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Tgt Ion:278 Resp: 33018

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	28.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 10.918 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF106633.D
Acq: 20 Jun 2018 21:28

Tgt Ion:276 Resp: 141927

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	21.5	21.8	32.8#