Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
Data File : BF106943.D
Acq On : 29 Jun 2018 1:24
Operator : JU/SJ
Sample : J3048-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Time: Jun 29 05:55:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64995	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	237818	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	98700	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	176133	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	216848	20.00	ng		-0.03
86) Perylene-d12	15.67	264	186846	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	191750	49.96	ng		-0.01
7) Phenol-d6	6.59	99	230204	48.03	ng		-0.02
23) Nitrobenzene-d5	7.51	82	133340	31.16	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	50235	43.91	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	209422	25.61	ng		-0.02
78) Terphenyl-d14	13.07	244	237373	26.52	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	17258	5.462	ng	#	72
25) Isophorone	7.51	82	133339	17.682	ng	#	64
31) Naphthalene	8.25	128	29878	2.687	ng		99
49) Dimethylphthalate	9.70	163	26639	3.599	ng	#	98
50) 2,6-Dinitrotoluene	10.00	165	13343	8.512	ng	#	24
51) Acenaphthene	10.02	154	64871	10.539	ng		98
54) Dibenzofuran	10.20	168	44495	5.279	ng		94
55) 4-Nitrophenol	10.20	139	15212	12.082	ng	#	11
57) Fluorene	10.54	166	46551	6.960	ng		98
70) Phenanthrene	11.51	178	257884	30.356	ng		98
71) Anthracene	11.56	178	72970	8.415	ng		99
72) Carbazole	11.72	167	17840	2.197	ng		99
74) Fluoranthene	12.71	202	442033	47.208	ng		95
77) Pyrene	12.94	202	403533	28.220	ng		99
80) Benzo(a)anthracene	14.13	228	239098	18.091	ng		99
82) Chrysene	14.17	228	215047	17.686	ng		99
85) Indeno(1,2,3-cd)pyrene	17.24	276	81662	7.914	ng	#	86
87) Benzo(b)fluoranthene	15.22	252	325153	28.014	ng	#	96
88) Benzo(k)fluoranthene	15.22	252	325153	29.417	ng	#	96
89) Benzo(a)pyrene	15.54	252	110885	10.747	ng		99
90) Dibenzo(a,h)anthracene	17.25	278	21780	2.491	ng	#	91
91) Benzo(g,h,i)perylene	17.72	276	84721	9.912	ng	#	87

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

Quantitation Report (Not Reviewed)

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Acq On : 29 Jun 2018 1:24
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Sample : J3048-06 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-3-S

Quant Time: Jun 29 05:55:54 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
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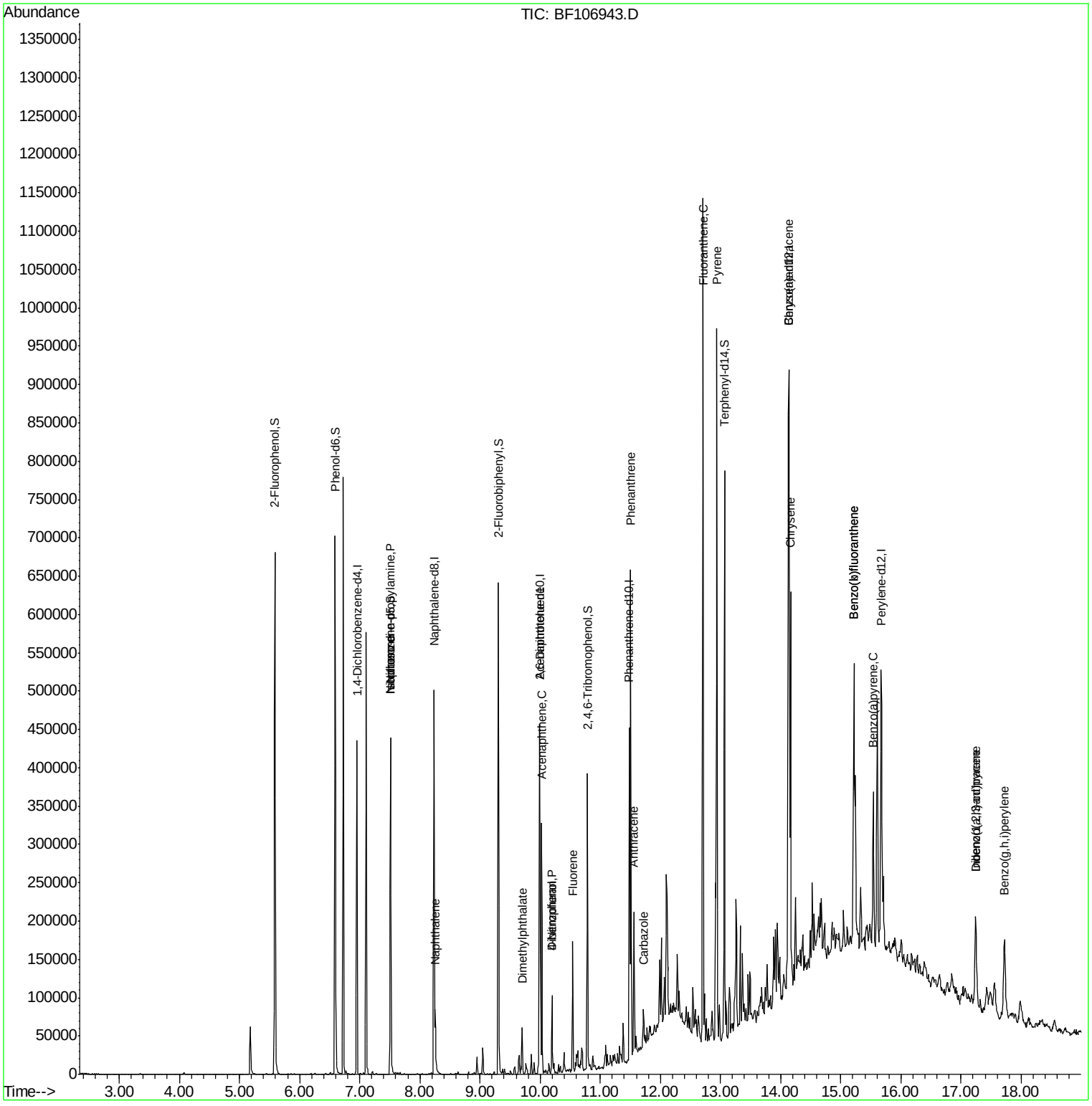
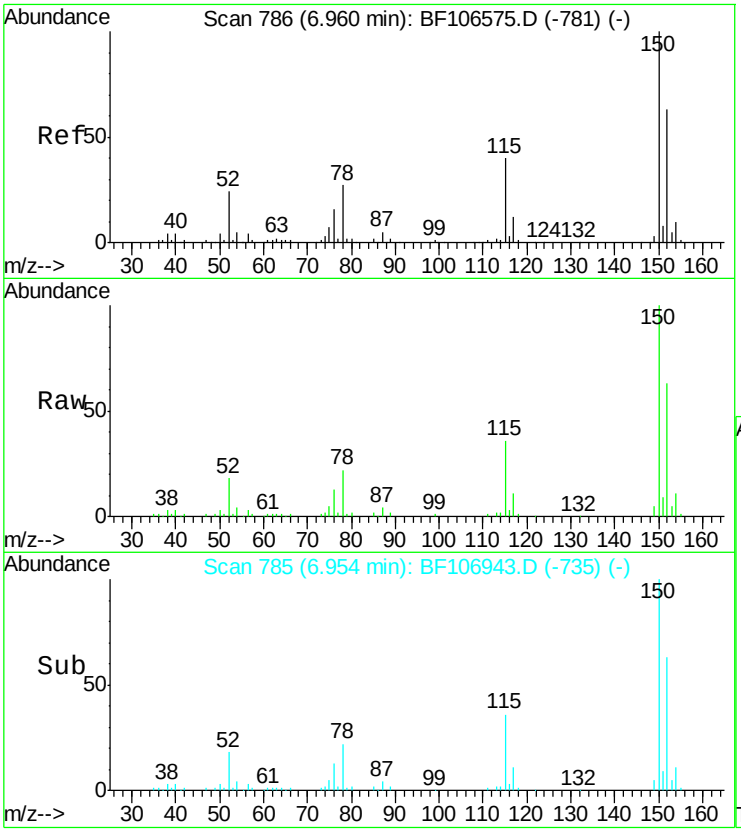


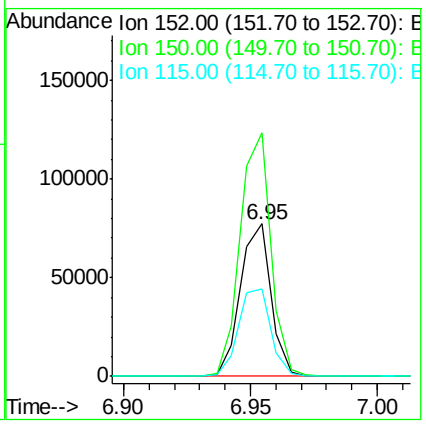


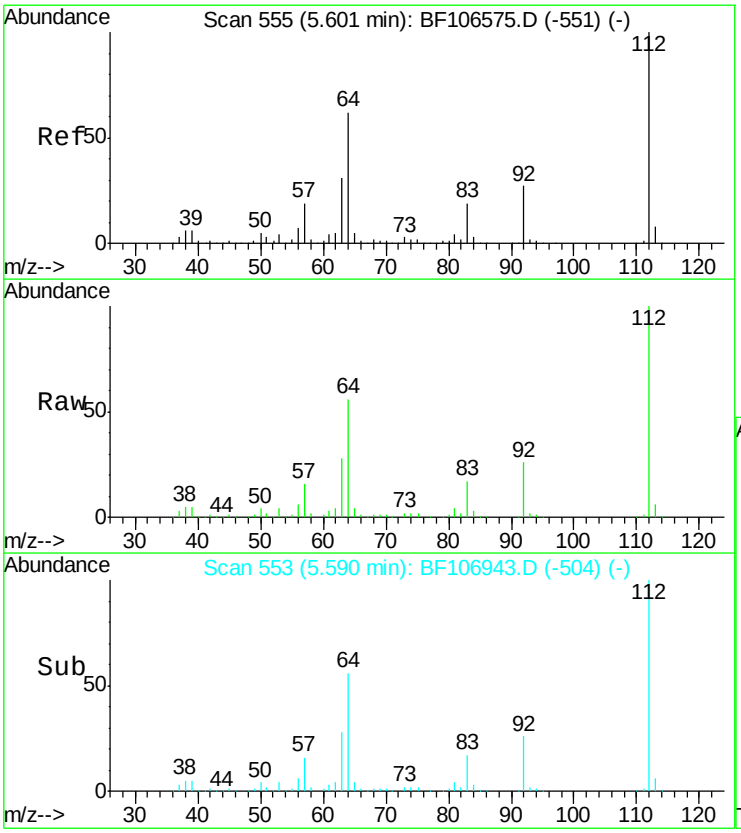
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:152 Resp: 64995

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	57.5	50.1	75.1

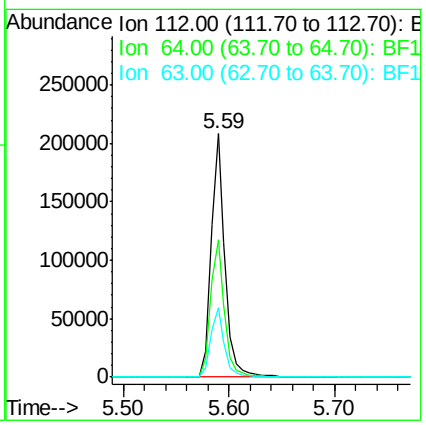


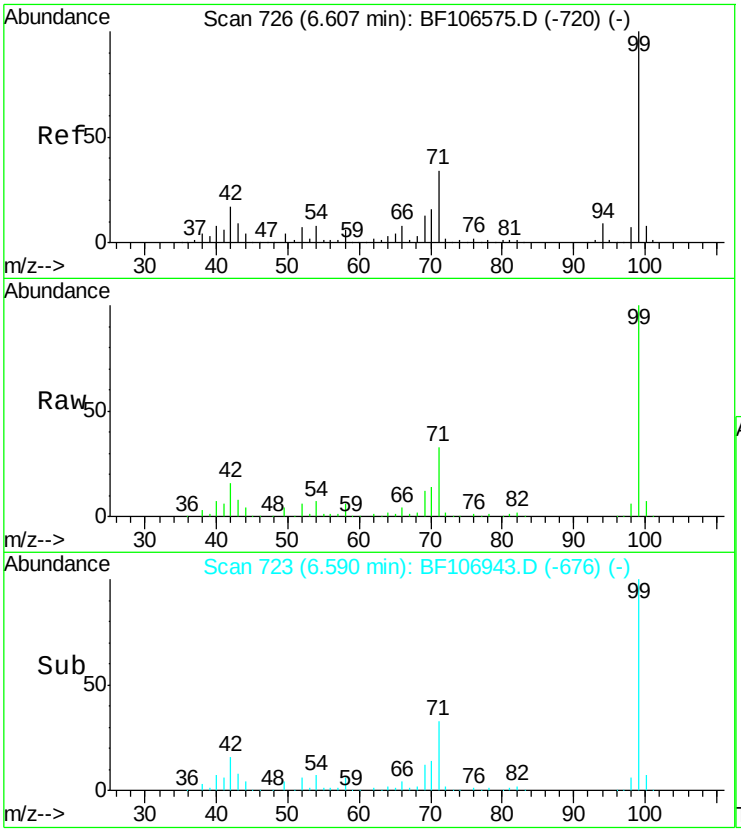


#5
2-Fluorophenol
Concen: 49.957 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:112 Resp: 191750

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.5	23.7	35.5



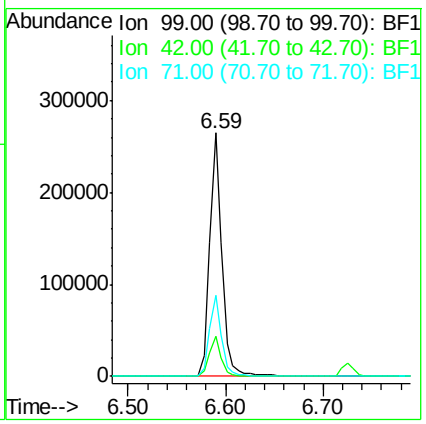


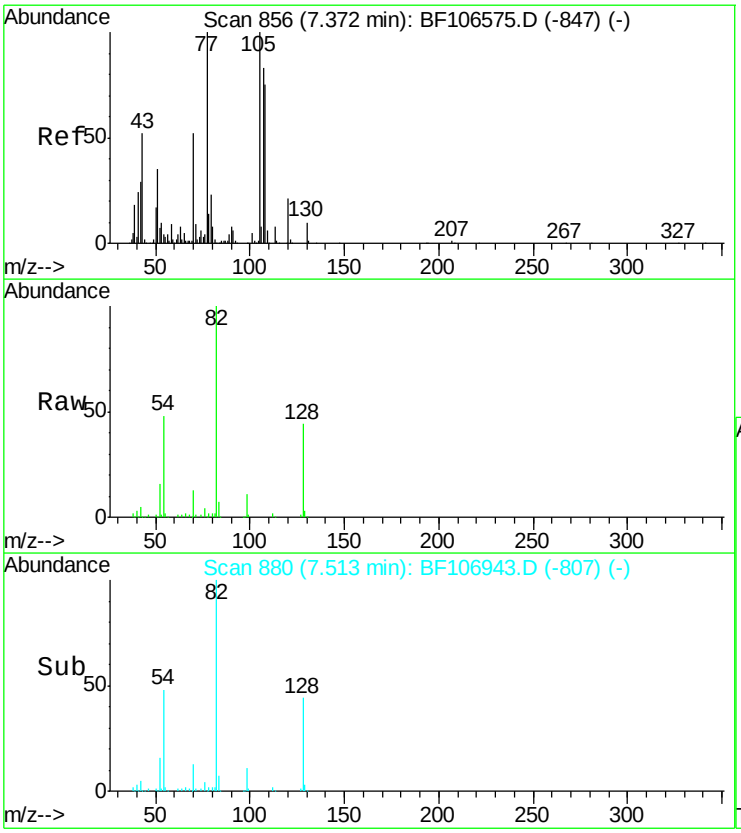
#7
Phenol-d6
Concen: 48.026 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion: 99 Resp: 230204

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.2	25.4	38.0

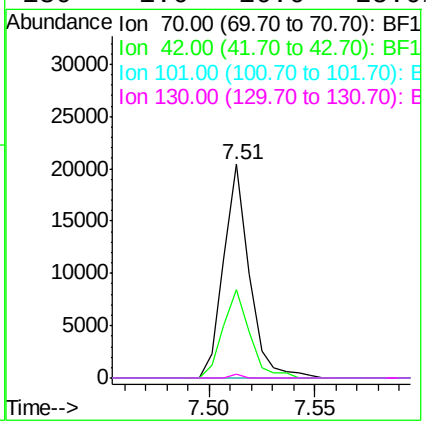


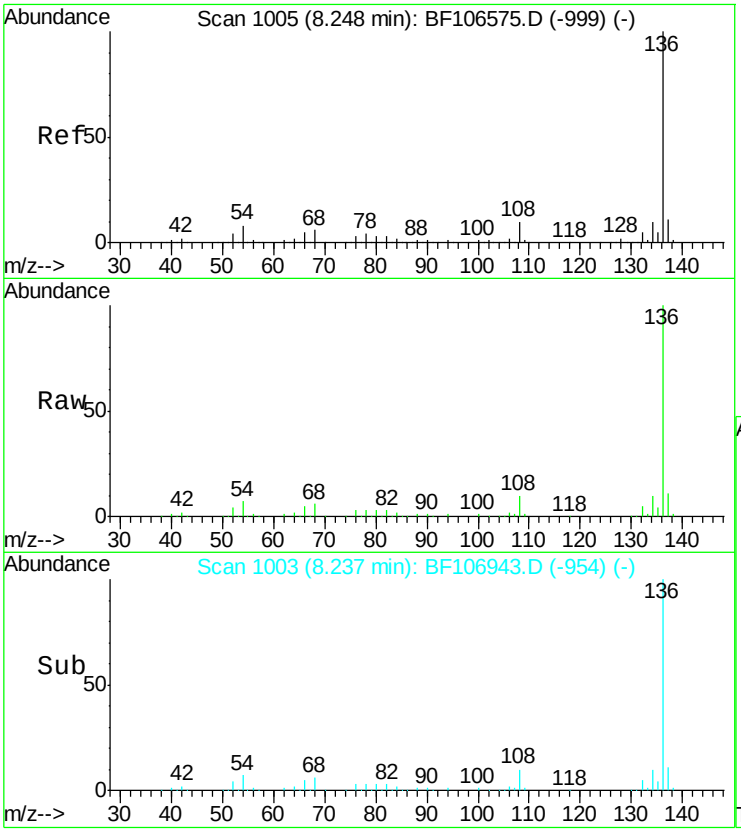


#19
n-Nitroso-di-n-propylamine
Concen: 5.462 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion: 70 Resp: 17258

Ion	Ratio	Lower	Upper
70	100		
42	41.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



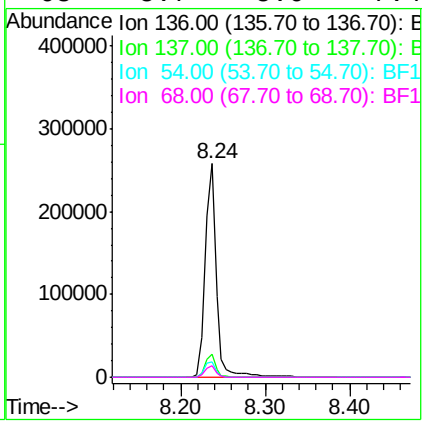


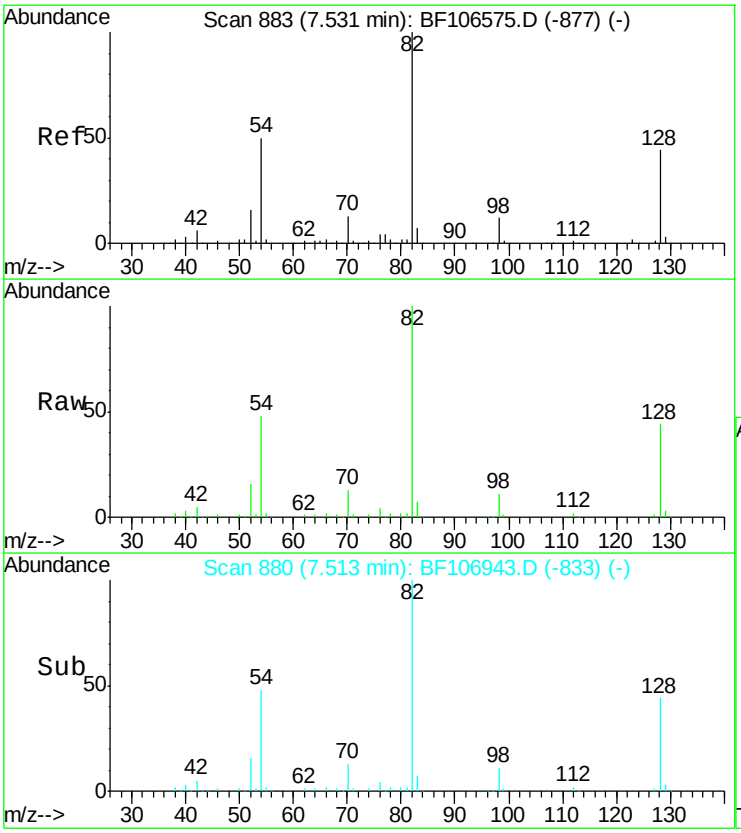
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:136 Resp: 237818

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4

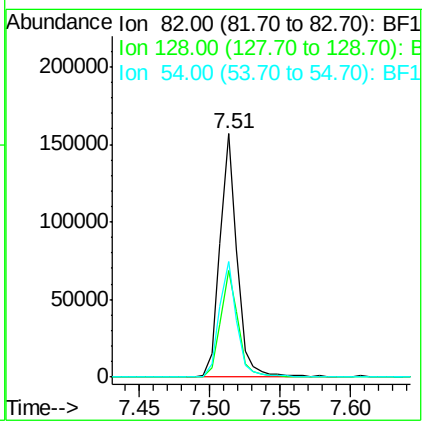


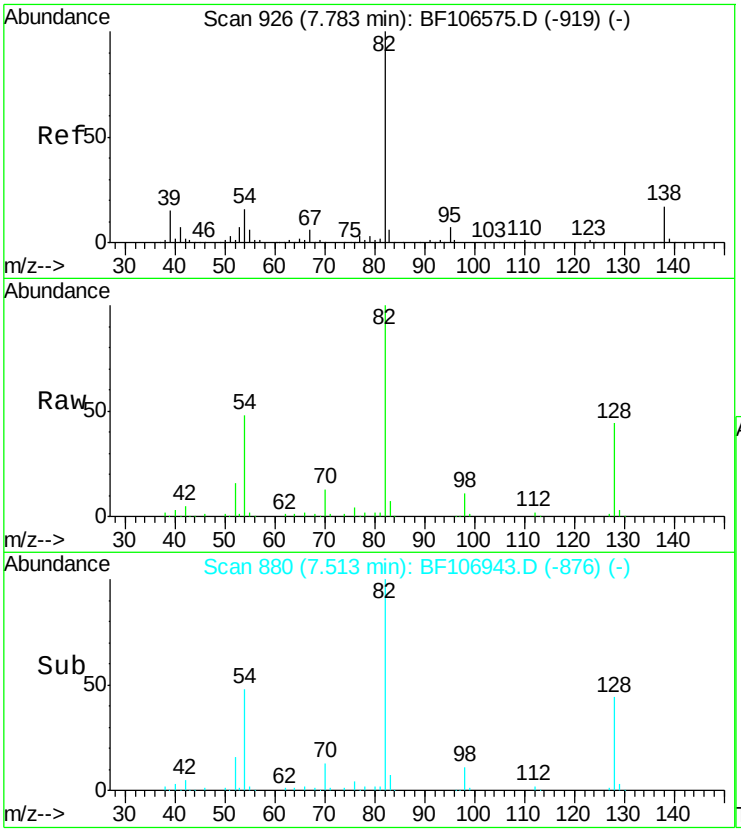


#23
Nitrobenzene-d5
Concen: 31.159 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion: 82 Resp: 133340

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	47.7	41.4	62.2



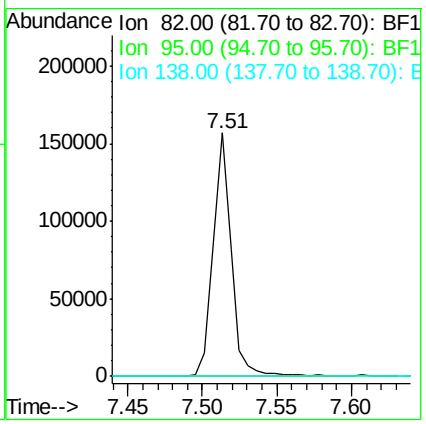


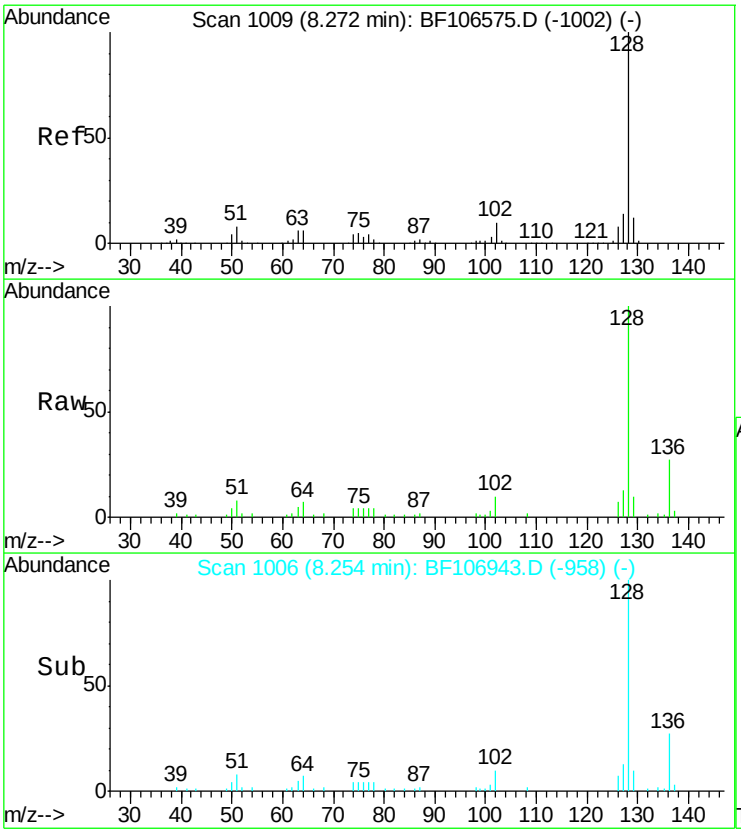
#25
Isophorone
Concen: 17.682 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion: 82 Resp: 133339

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

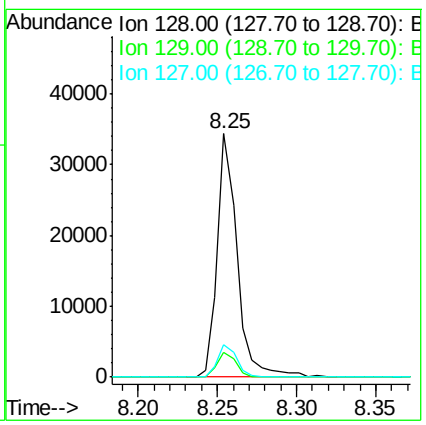


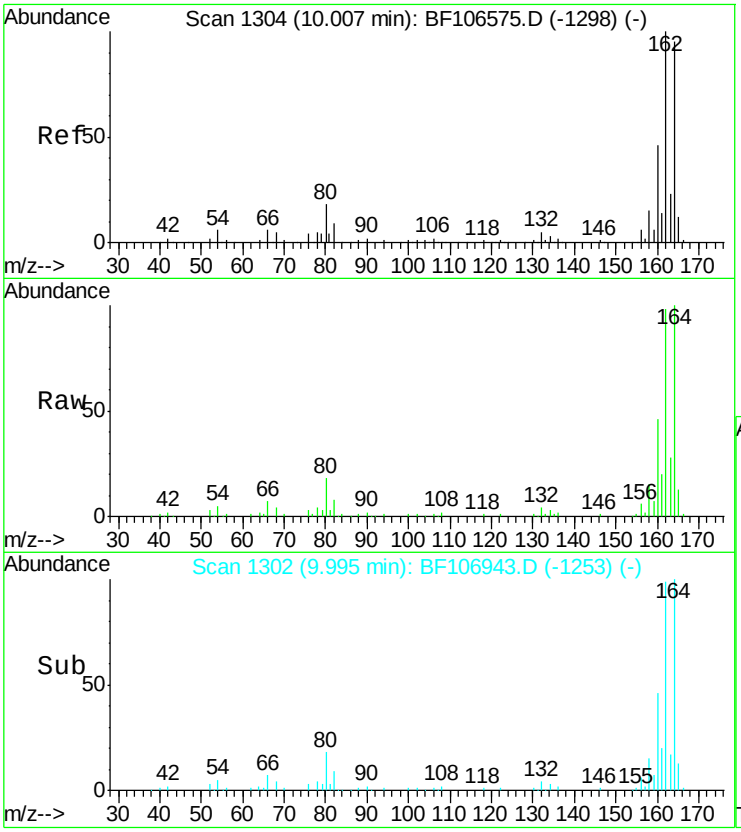


#31
Naphthalene
Concen: 2.687 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:128 Resp: 29878

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.2	10.9	16.3



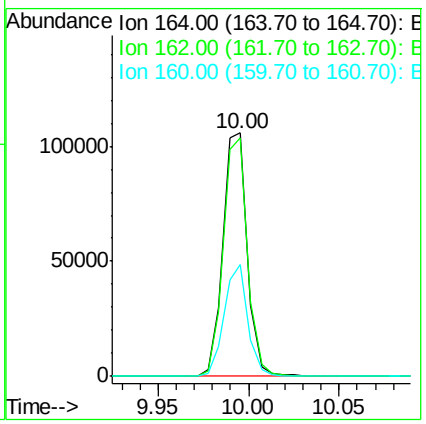


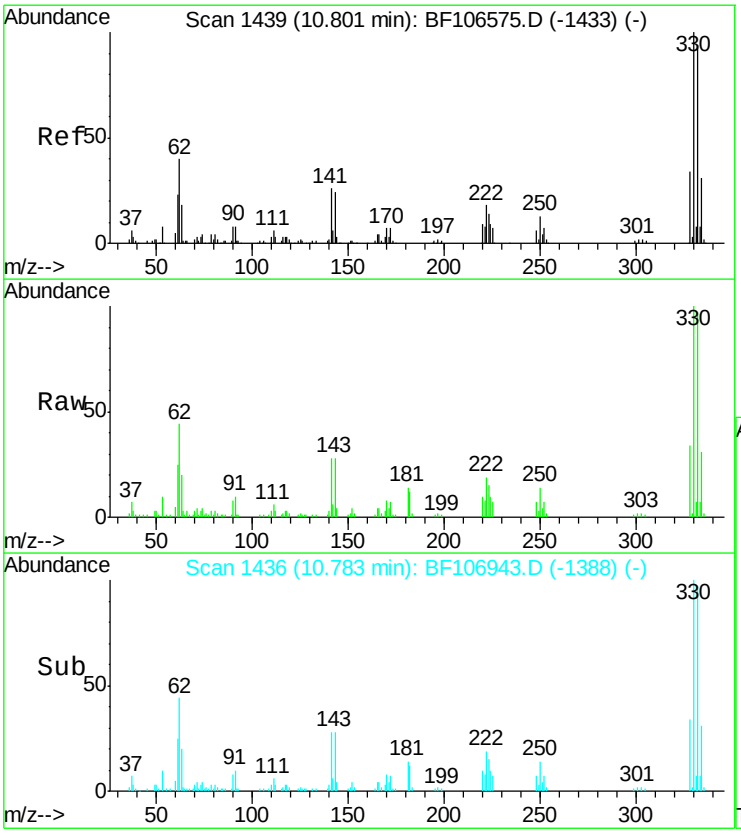
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:164 Resp: 98700

Ion	Ratio	Lower	Upper
164	100		
162	97.9	86.1	129.1
160	46.0	38.3	57.5

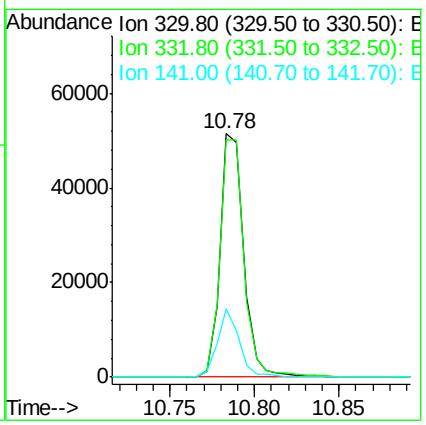


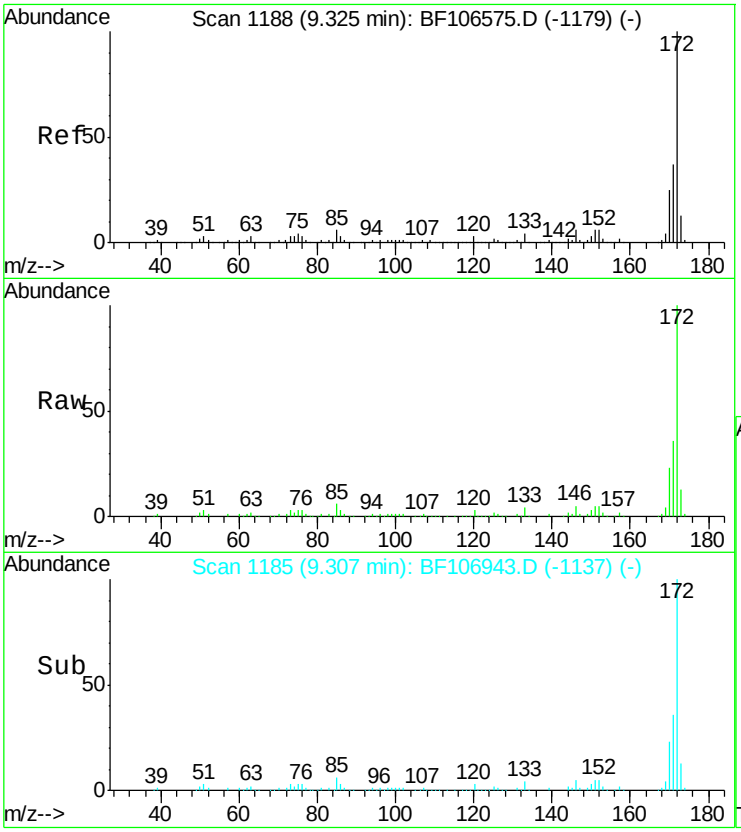


#41
2,4,6-Tribromophenol
Concen: 43.913 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:330 Resp: 50235

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	25.5	29.9	44.9#



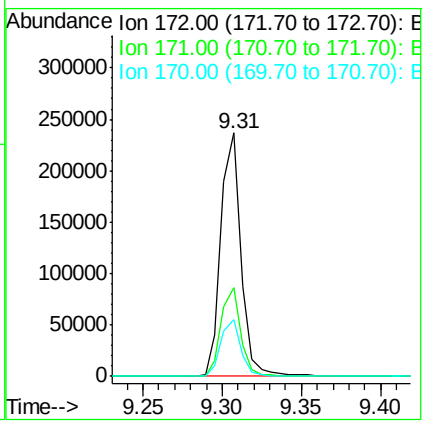


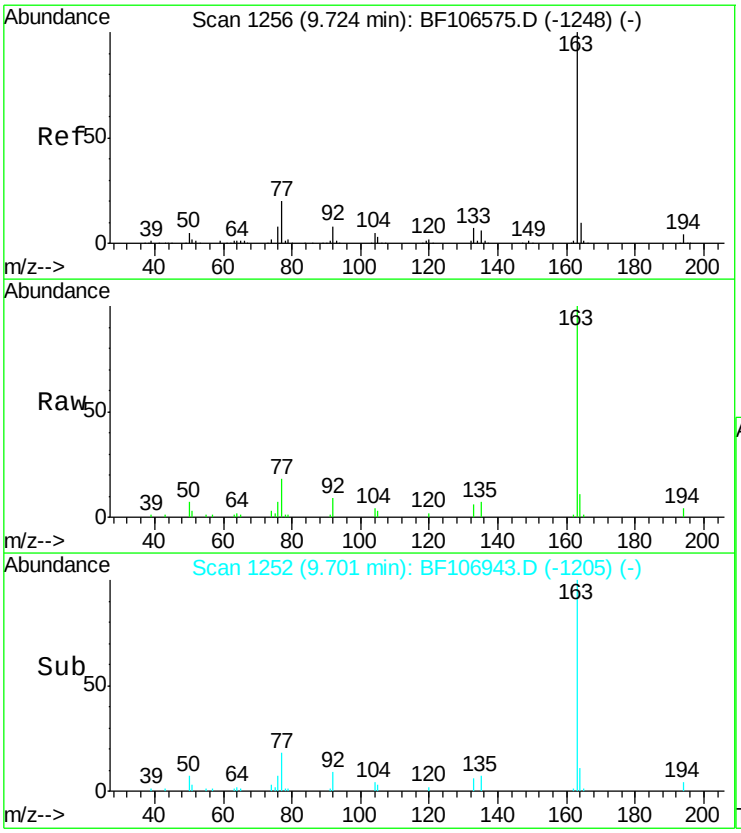
#44
2-Fluorobiphenyl
Concen: 25.607 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:172 Resp: 209422

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.4	19.6	29.4

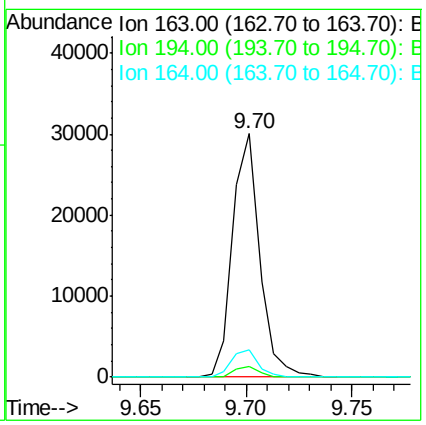


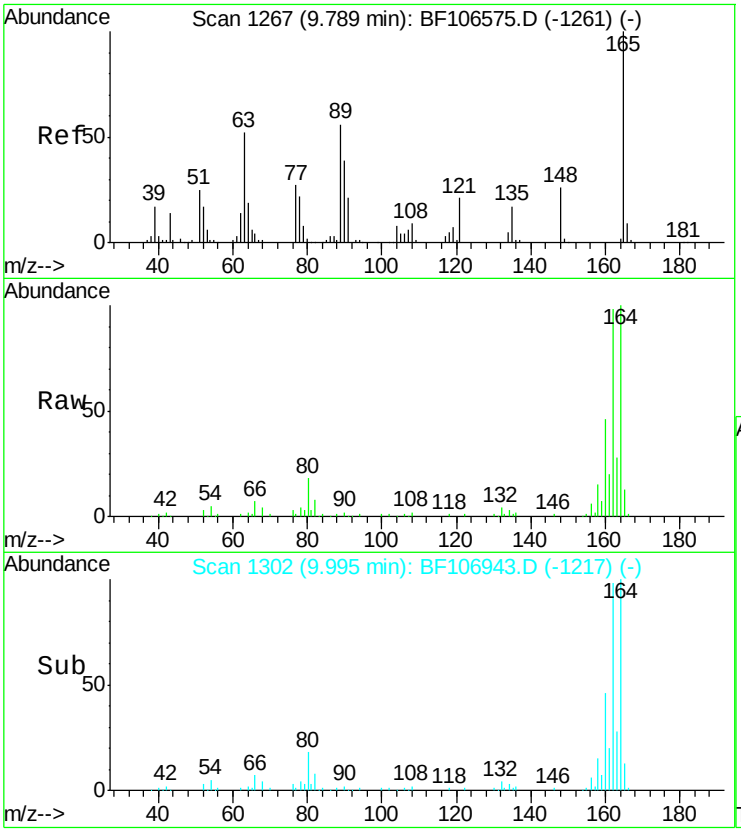


#49
Dimethylphthalate
Concen: 3.599 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:163 Resp: 26639

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	11.0	8.2	12.2



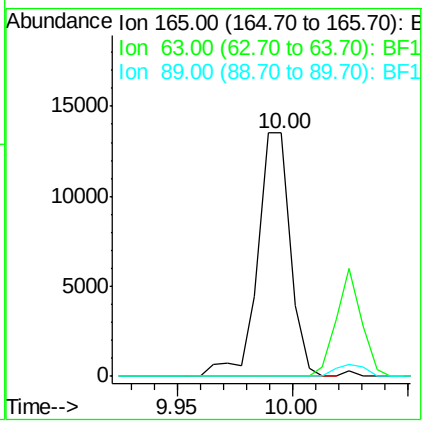


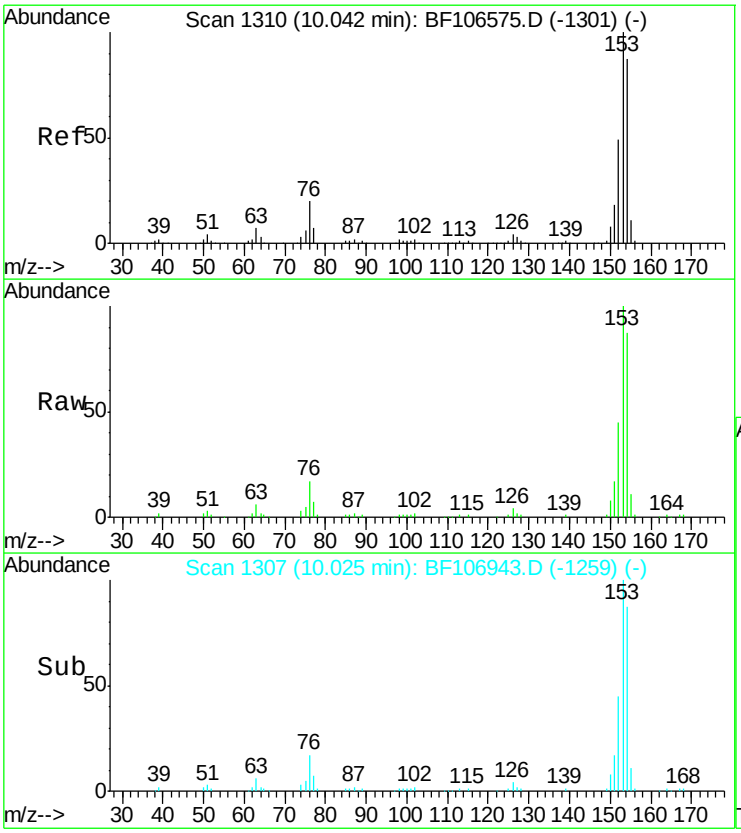
#50
2,6-Dinitrotoluene
Concen: 8.512 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:165 Resp: 13343

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

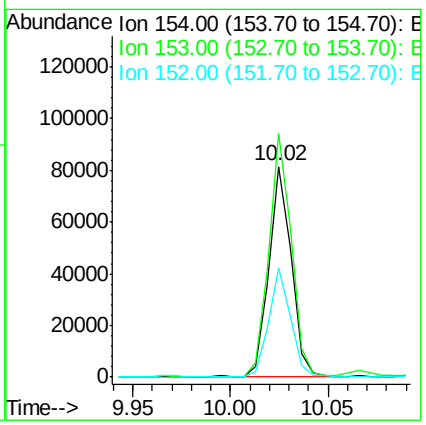


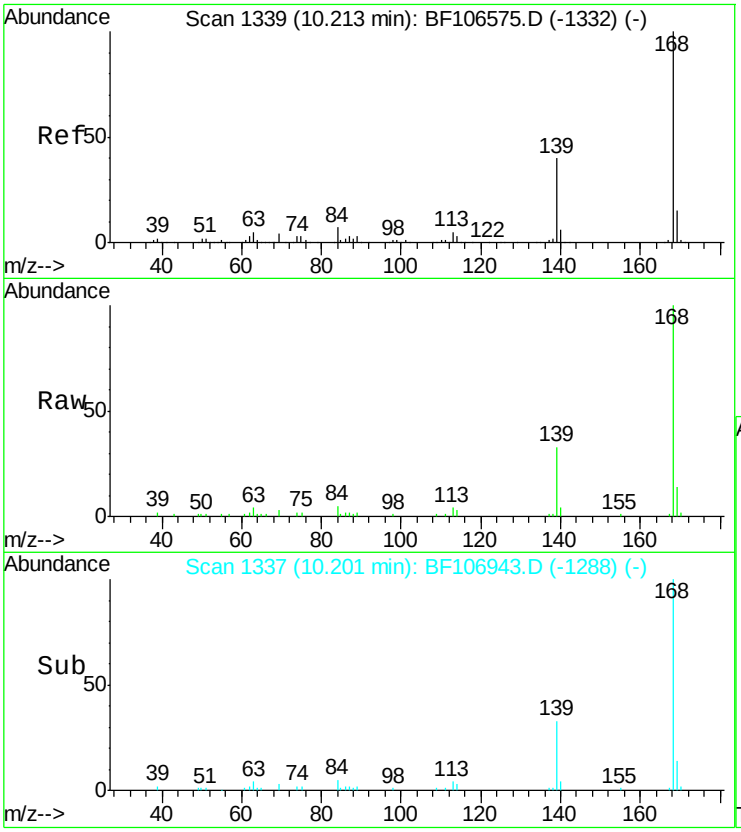


#51
Acenaphthene
Concen: 10.539 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:154 Resp: 64871

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	52.0	43.8	65.8



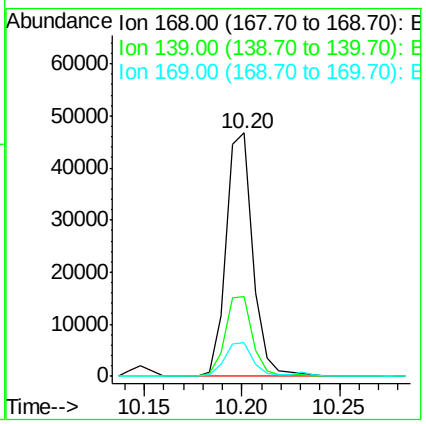


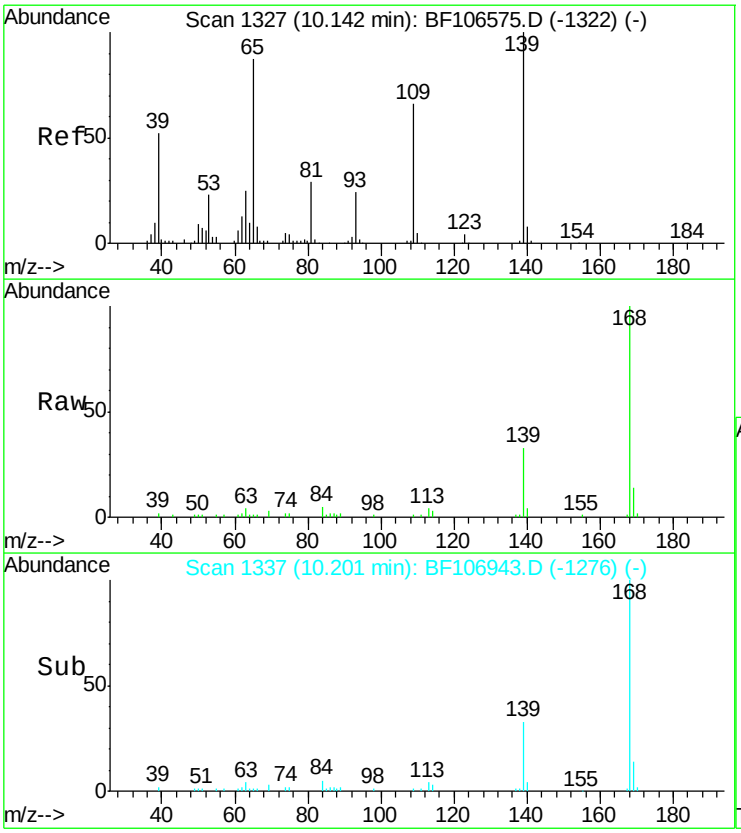
#54
Dibenzofuran
Concen: 5.279 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:168 Resp: 44495

Ion	Ratio	Lower	Upper
168	100		
139	32.8	30.1	45.1
169	13.7	10.9	16.3

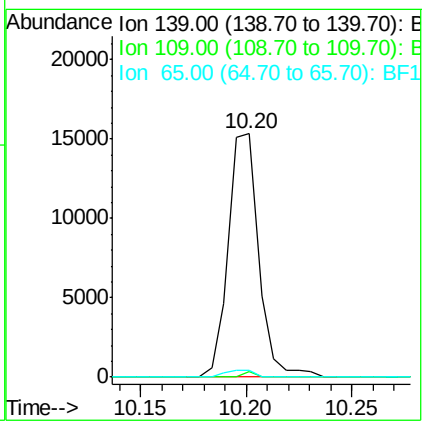


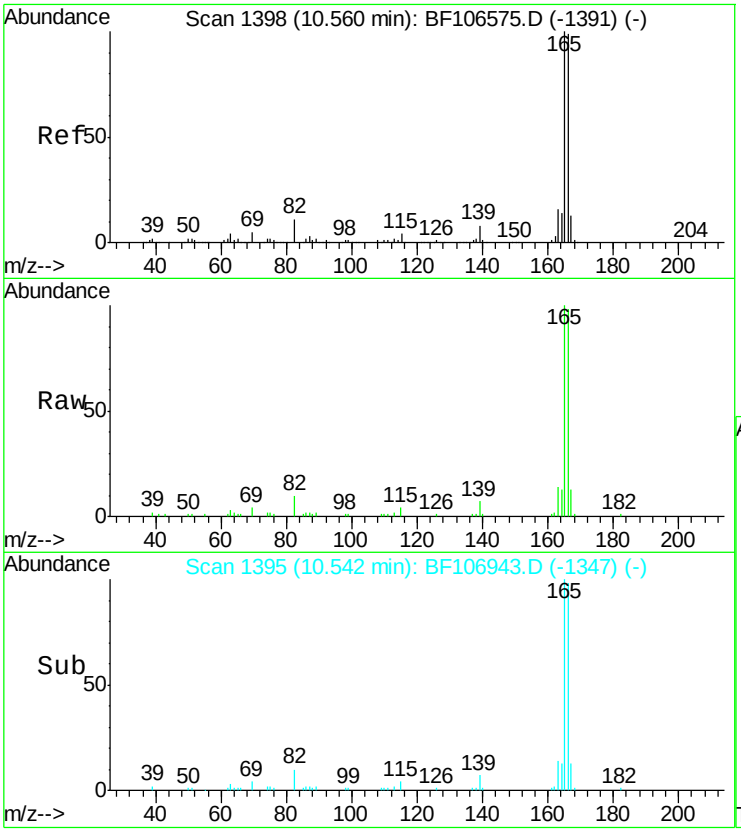


#55
4-Nitrophenol
Concen: 12.082 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:139 Resp: 15212

Ion	Ratio	Lower	Upper
139	100		
109	2.3	48.4	88.4#
65	2.6	72.6	112.6#



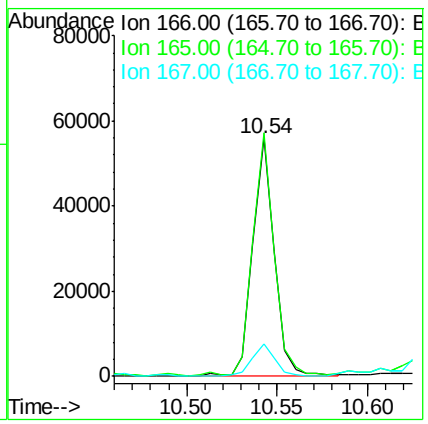


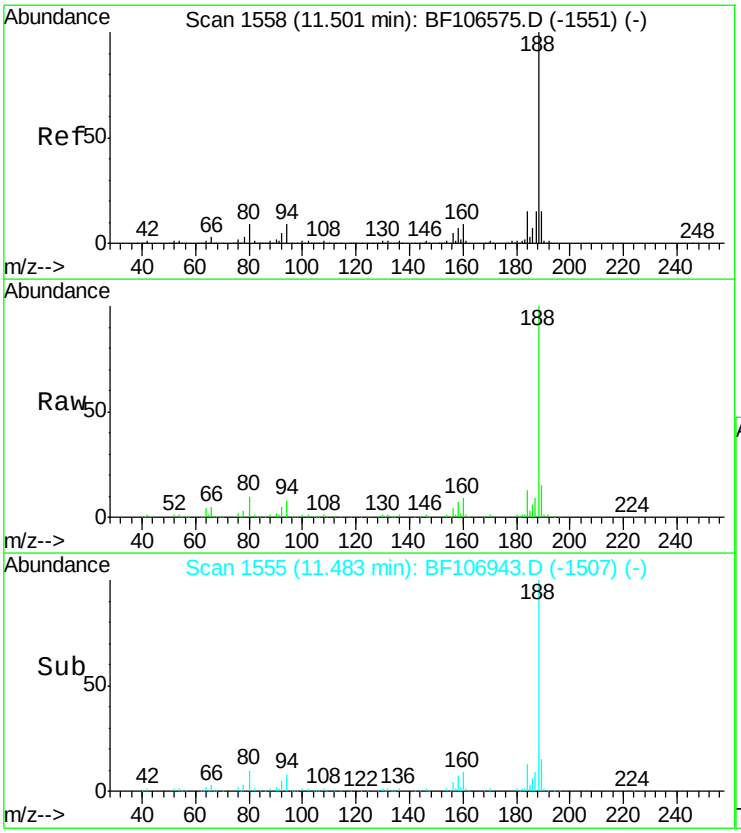
#57
Fluorene
Concen: 6.960 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:166 Resp: 46551

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.8	119.8
167	13.4	10.6	16.0

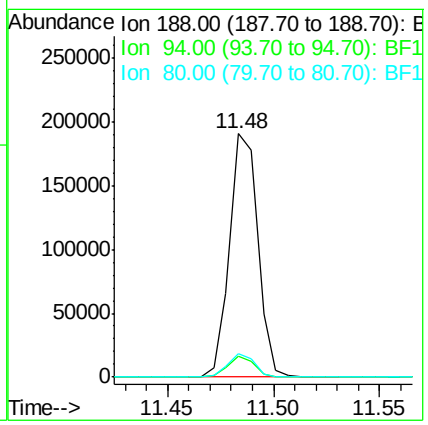


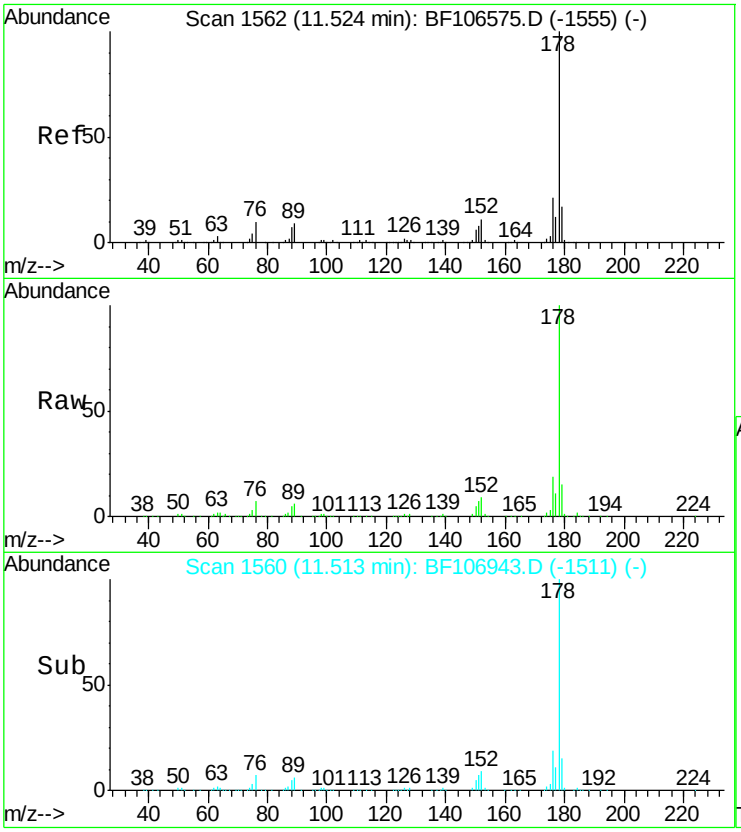


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:188 Resp: 176133

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.5	9.2	13.8



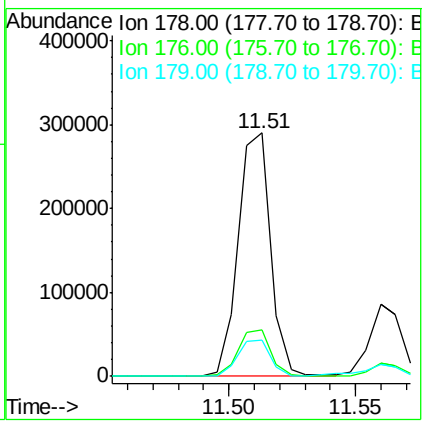


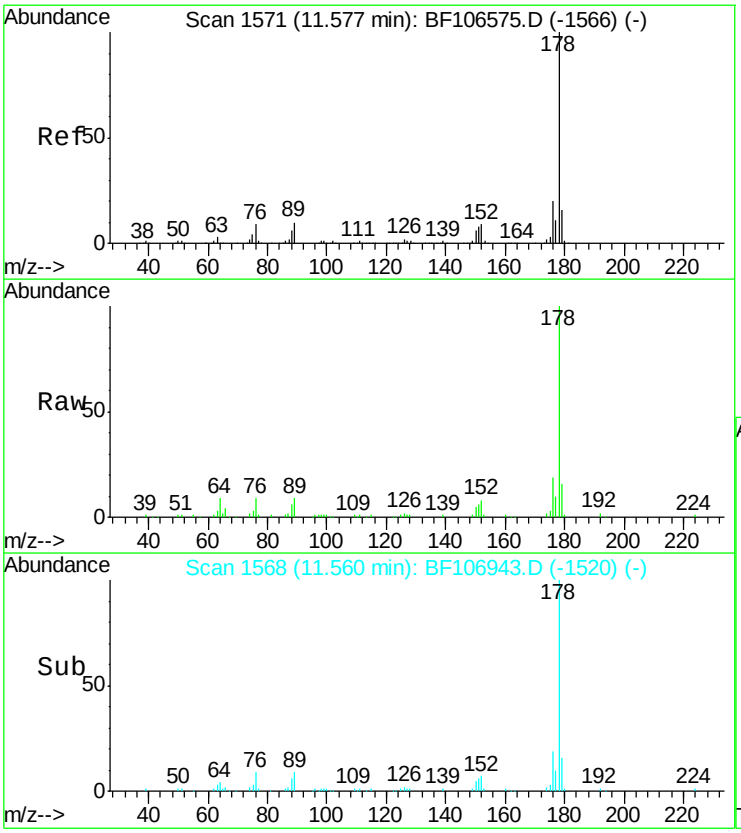
#70
Phenanthrene
Concen: 30.356 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:178 Resp: 257884

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6

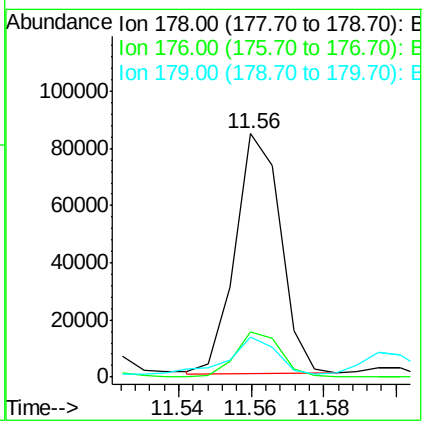


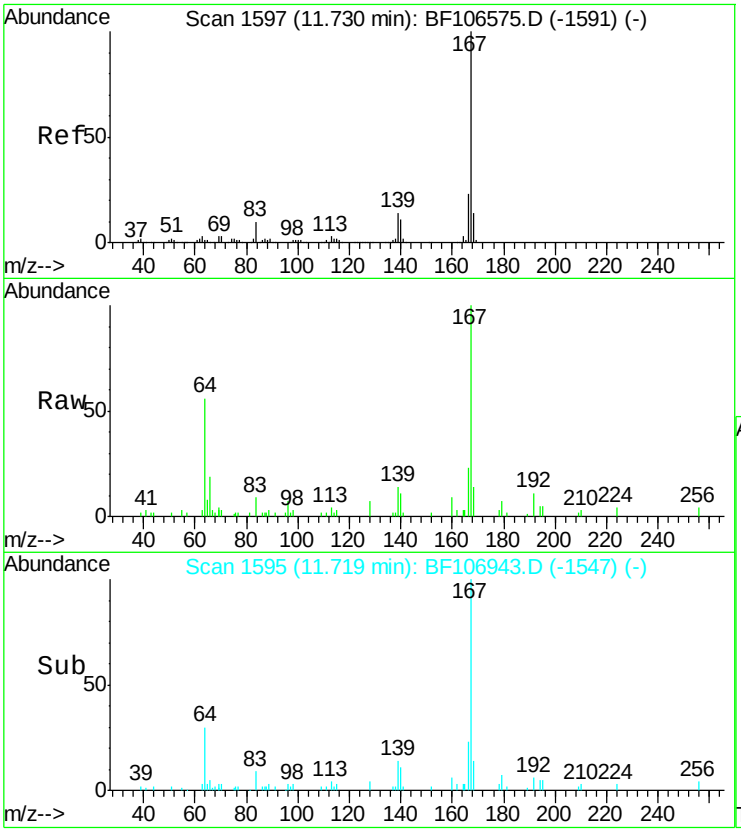


#71
Anthracene
Concen: 8.415 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:178 Resp: 72970

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.2	12.6	19.0



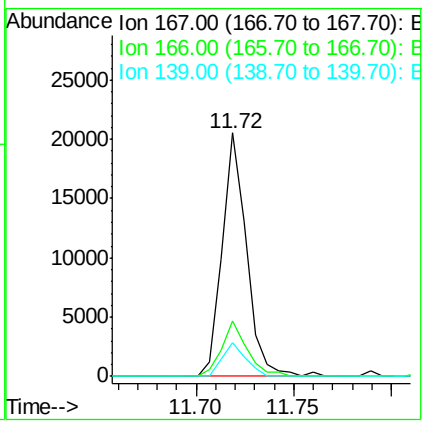


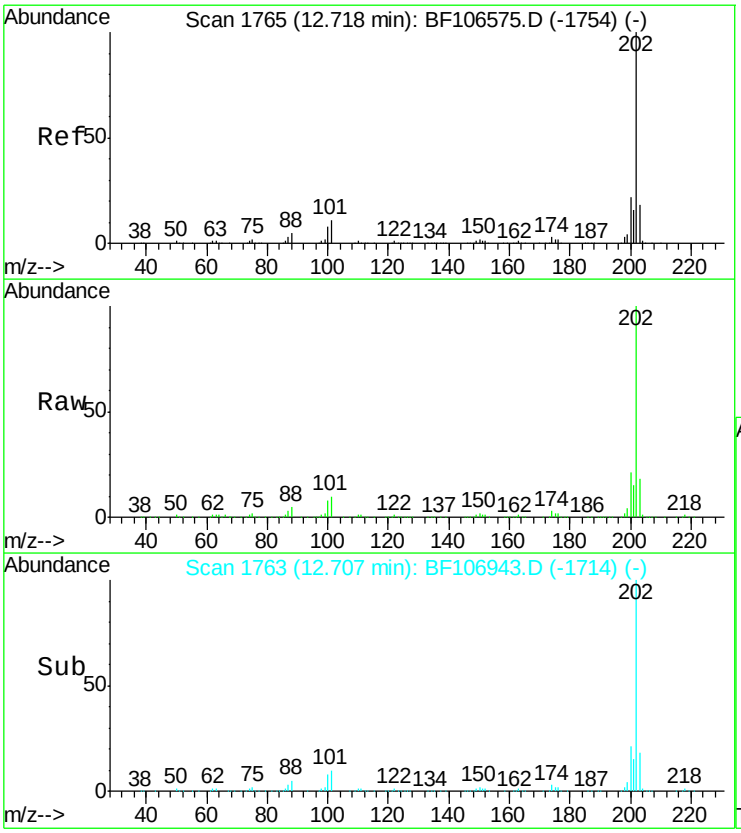
#72
Carbazole
Concen: 2.197 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:167 Resp: 17840

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.8	10.9	16.3

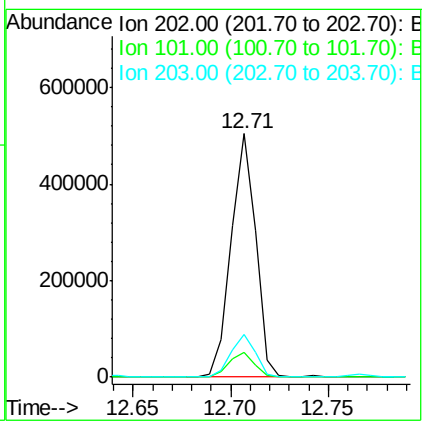


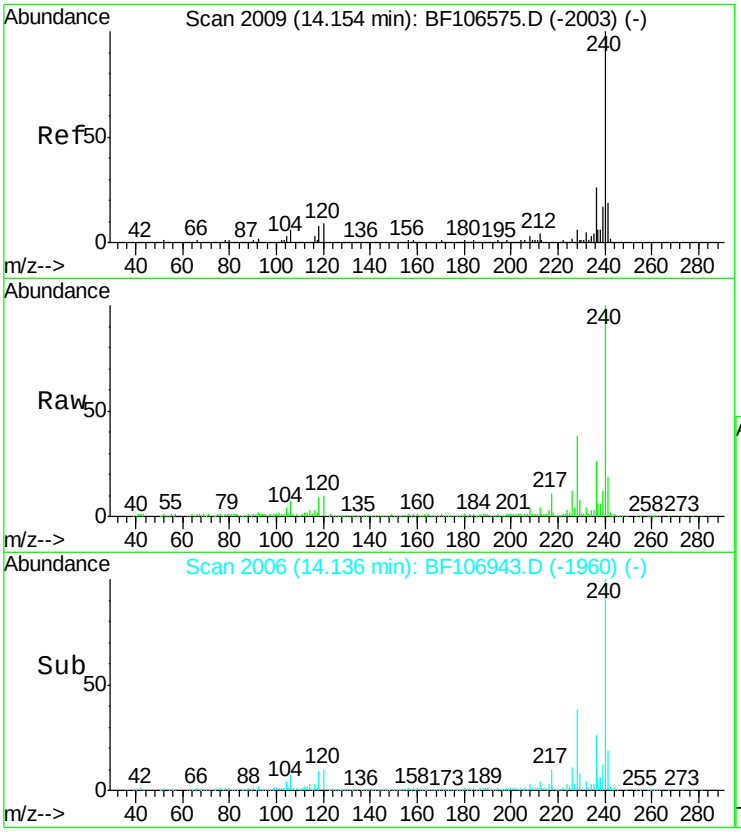


#74
Fluoranthene
Concen: 47.208 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:202 Resp: 442033

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.8	0.0	38.1



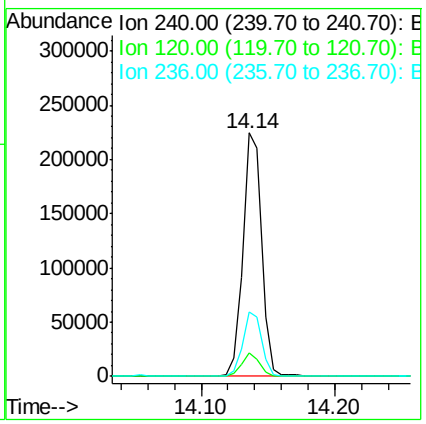


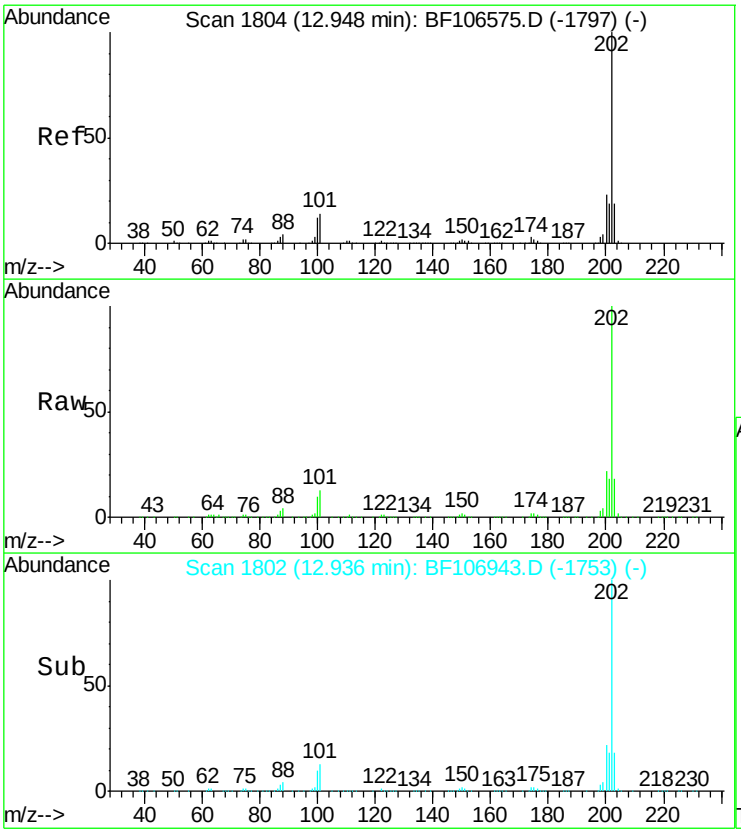
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:240 Resp: 216848

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.3	20.7	31.1

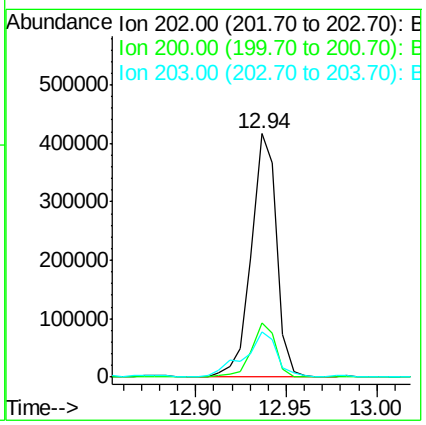


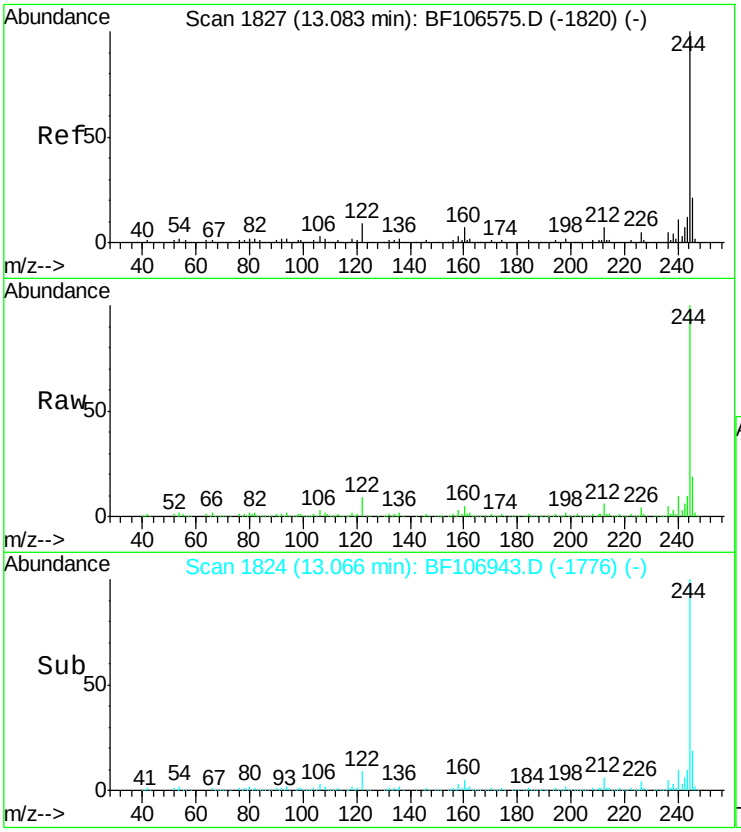


#77
Pyrene
Concen: 28.220 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:202 Resp: 403533

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.3	14.3	21.5



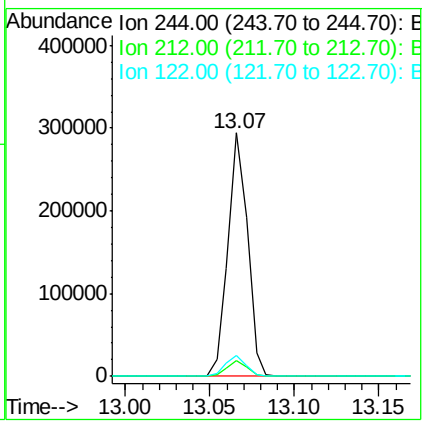


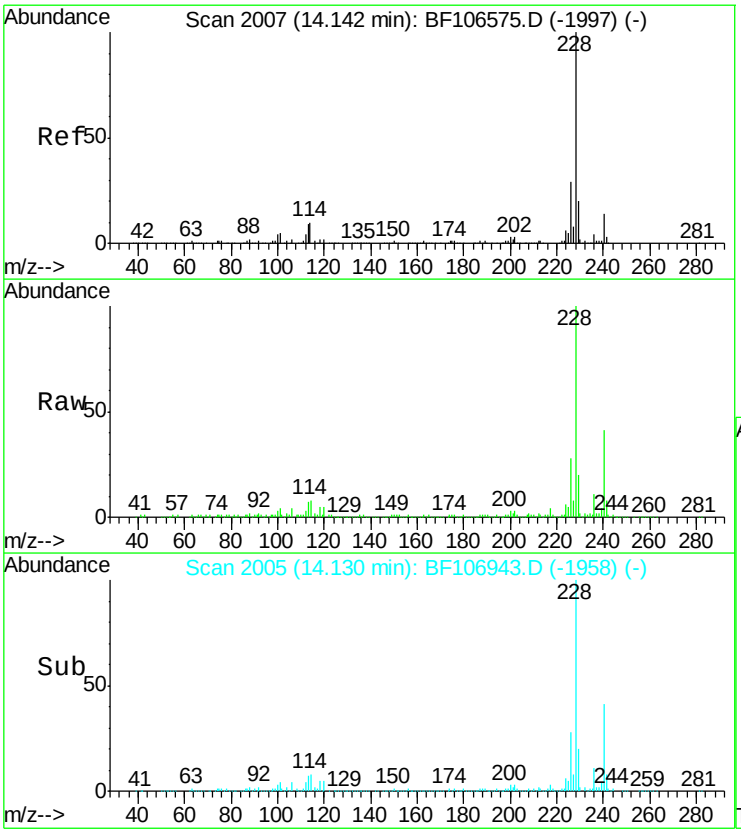
#78
Terphenyl-d14
Concen: 26.516 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:244 Resp: 237373

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.8	11.0	16.4#

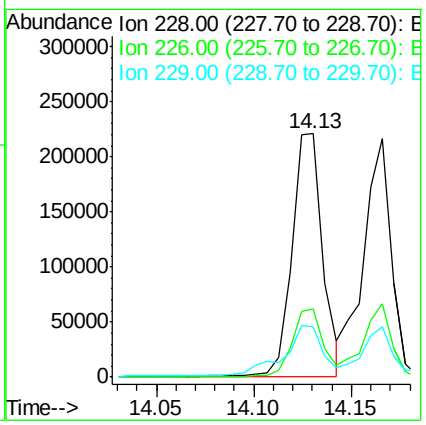


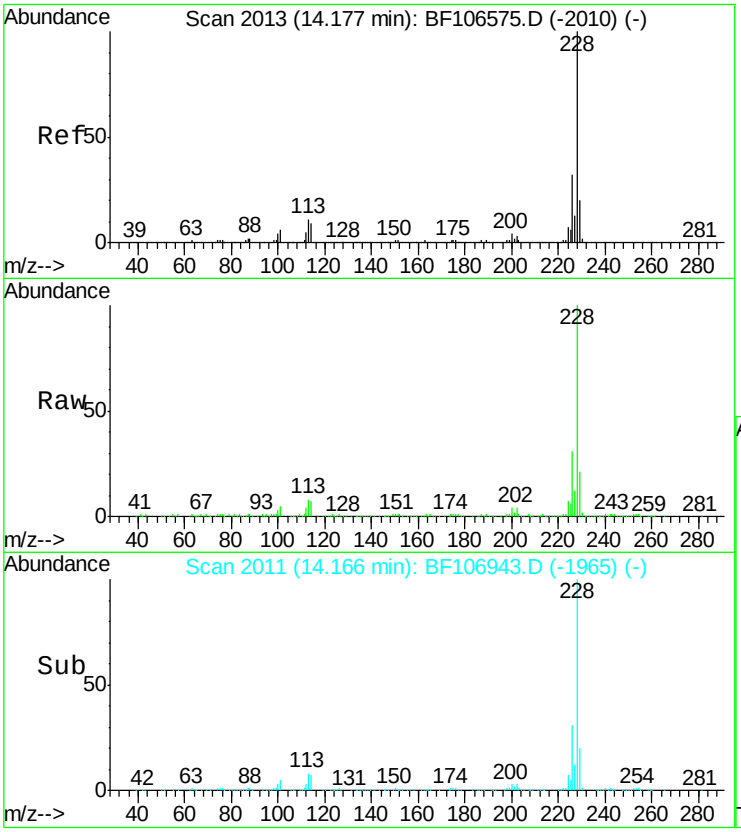


#80
Benzo(a)anthracene
Concen: 18.091 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:228 Resp: 239098

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.4	15.8	23.6



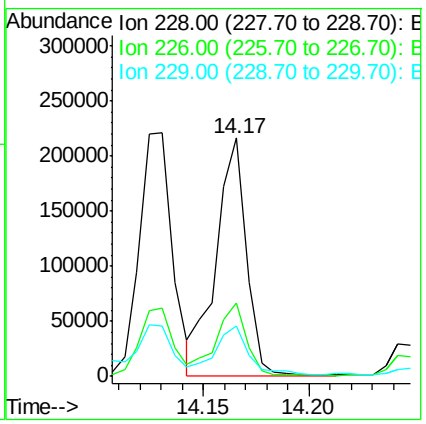


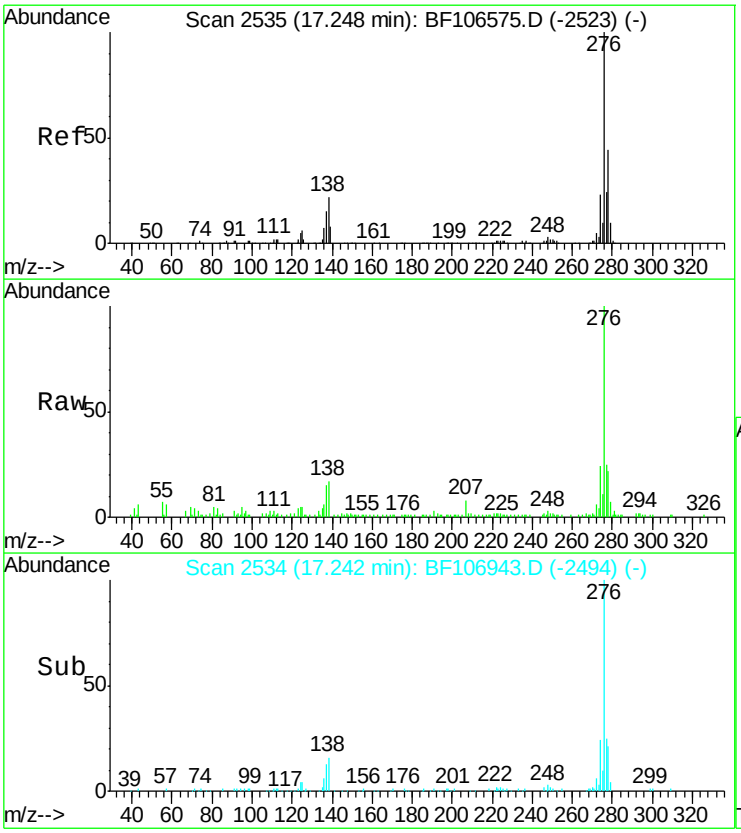
#82
Chrysene
Concen: 17.686 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:228 Resp: 215047

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.2	16.2	24.4

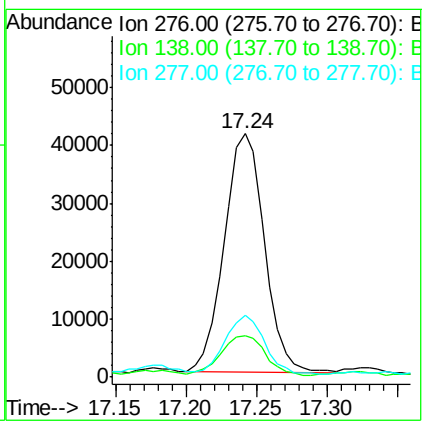


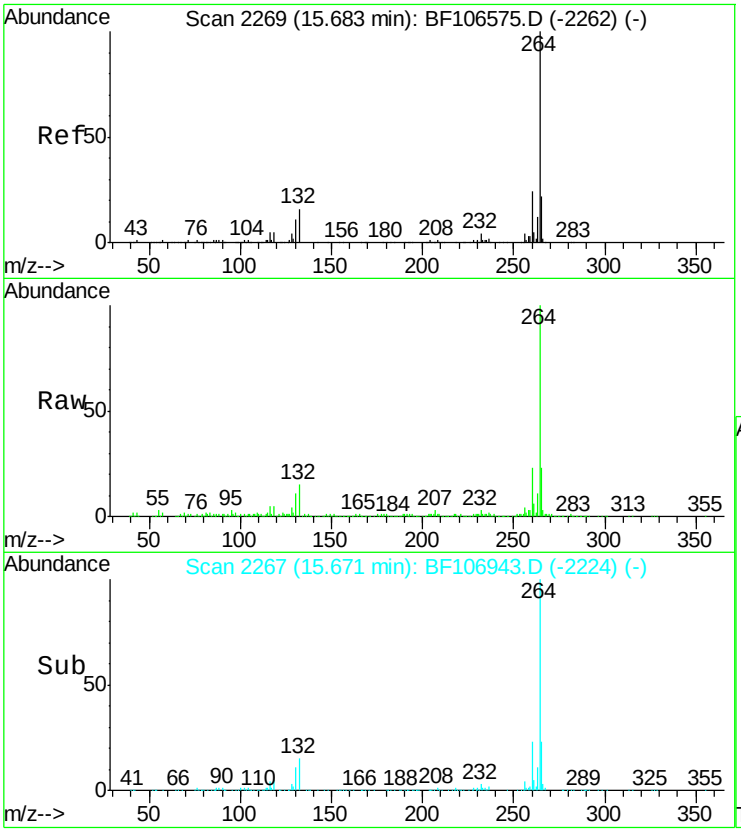


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.914 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:276 Resp: 81662

Ion	Ratio	Lower	Upper
276	100		
138	17.9	25.0	37.6#
277	24.4	20.1	30.1



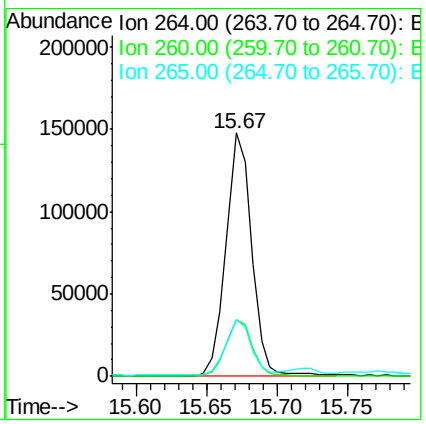


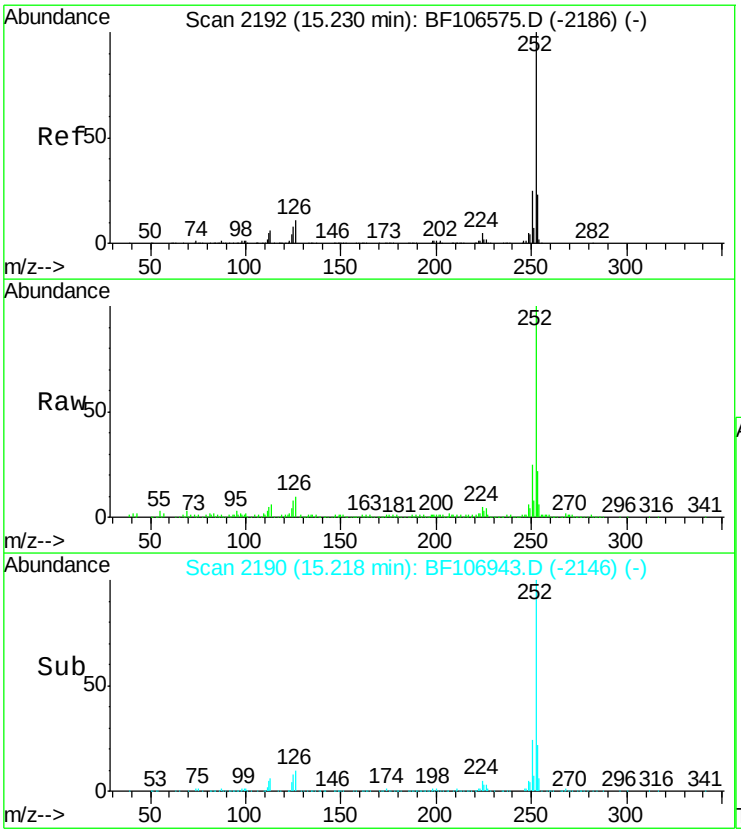
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:264 Resp: 186846

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.1	17.5	26.3

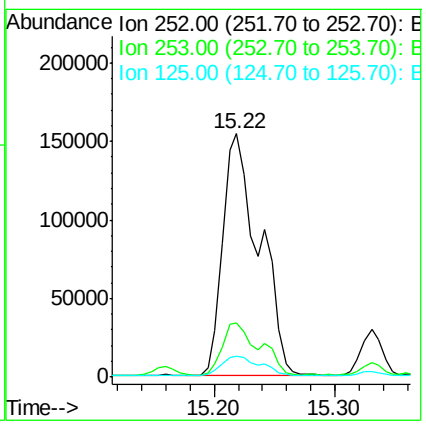


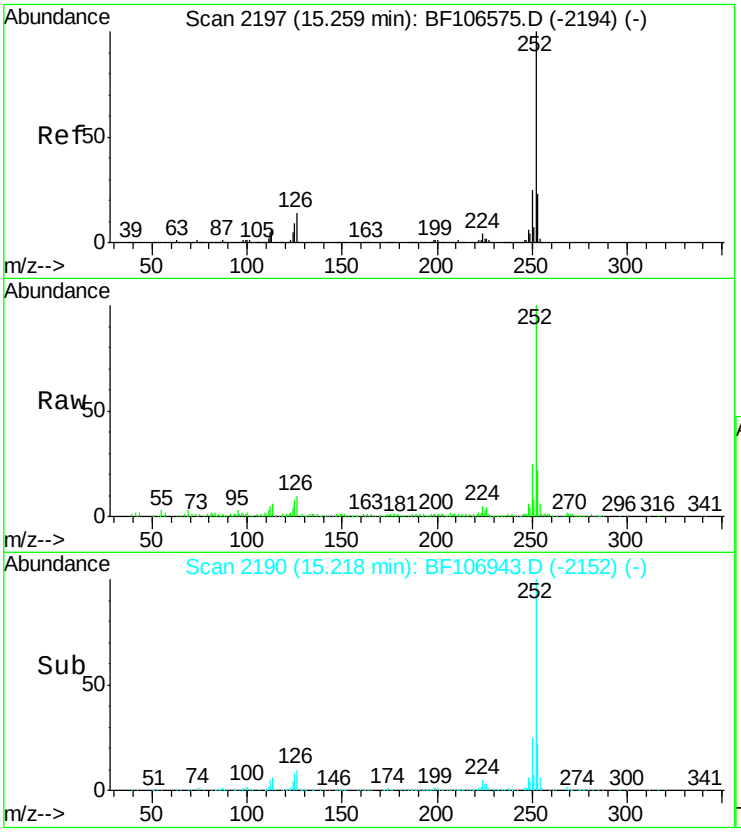


#87
Benzo(b)fluoranthene
Concen: 28.014 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:252 Resp: 325153

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.4	9.0	13.6#



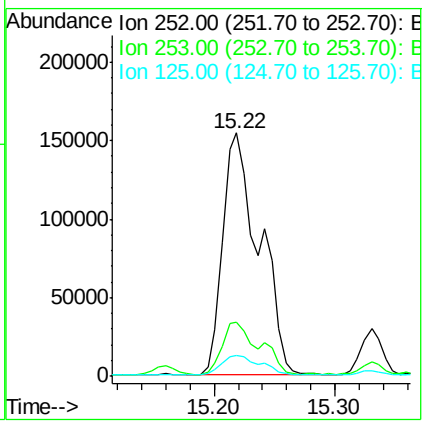


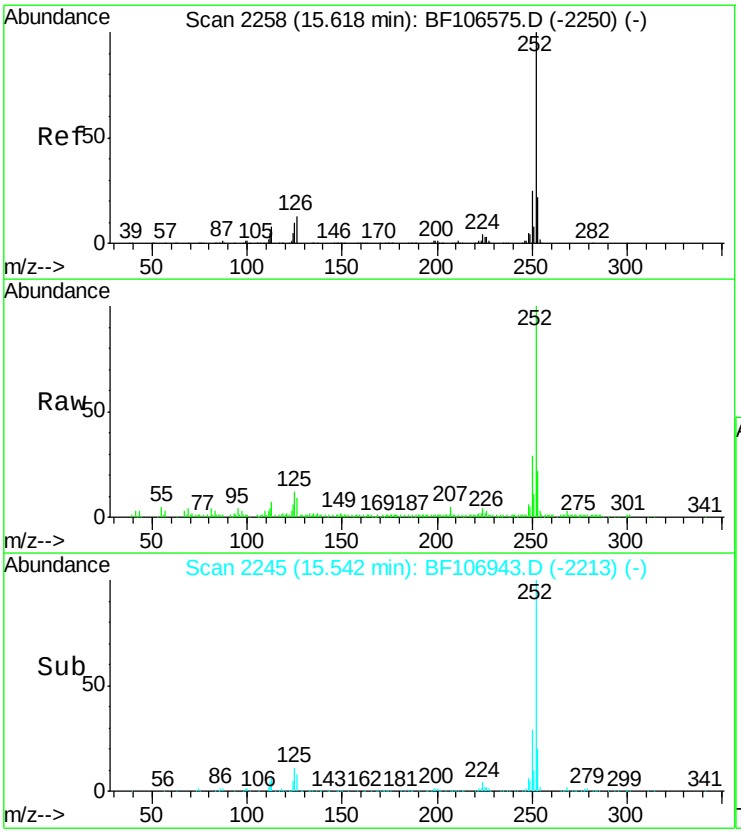
#88
Benzo(k)fluoranthene
Concen: 29.417 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:252 Resp: 325153

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.4	10.2	15.2#

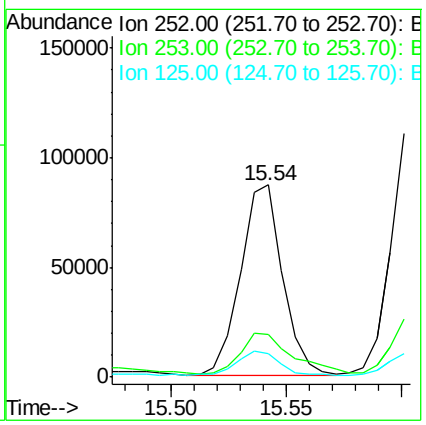


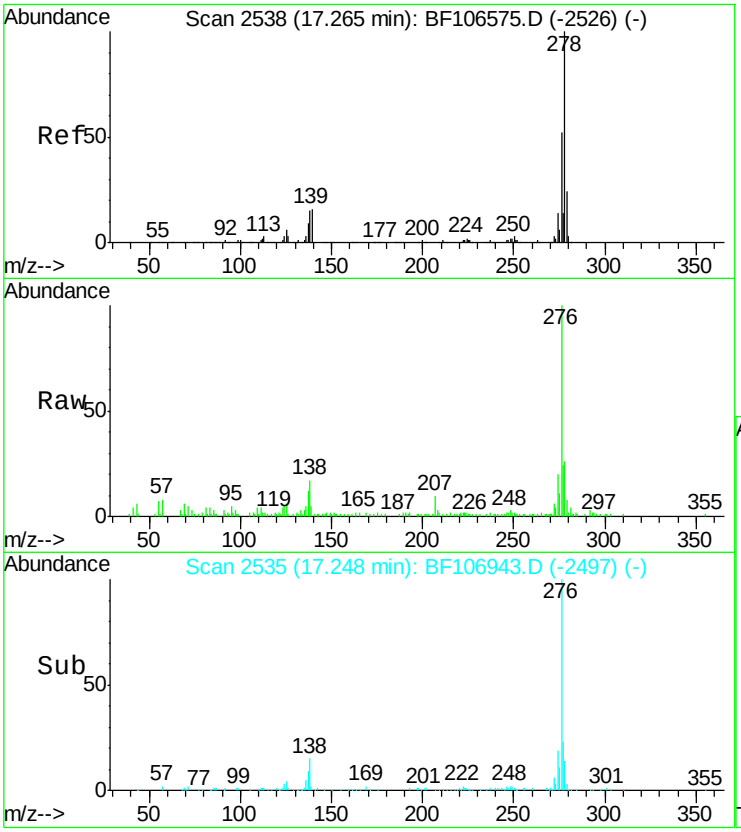


#89
Benzo(a)pyrene
Concen: 10.747 ng
RT: 15.54 min Scan# 2245
Delta R.T. -0.11 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:252 Resp: 110885

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.9	9.8	14.6



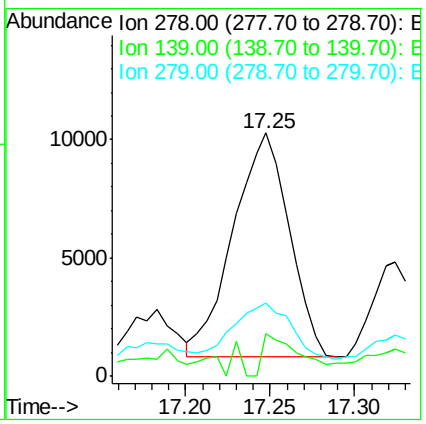


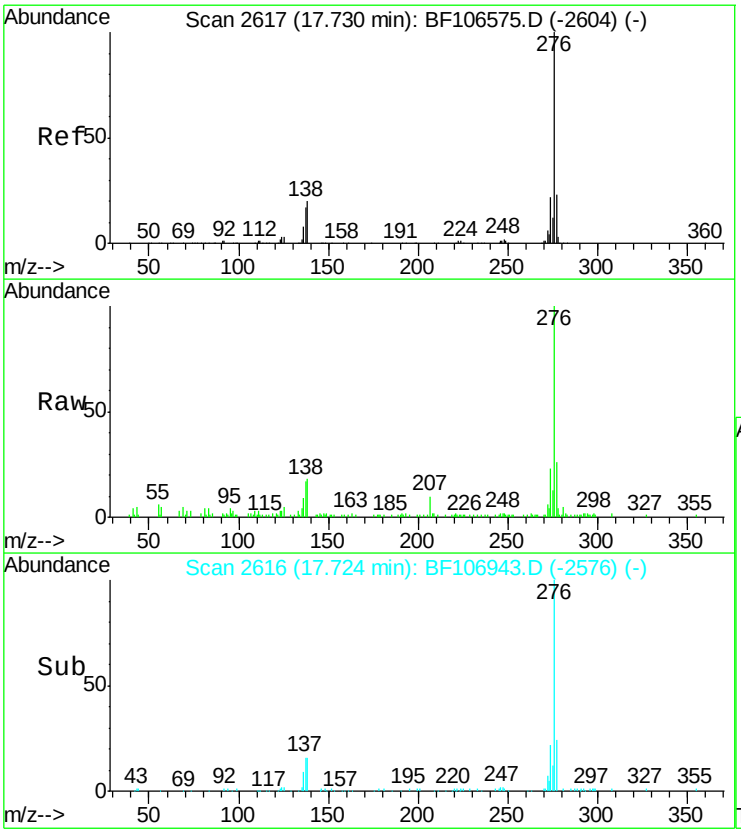
#90
Dibenzo(a,h)anthracene
Concen: 2.491 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.08 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tgt Ion:278 Resp: 21780

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	30.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.912 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.06 min
Lab File: BF106943.D
Acq: 29 Jun 2018 1:24

Tgt Ion:276 Resp: 84721

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	18.4	21.8	32.8#