Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107299.D
Acq On : 11 Jul 2018 14:52
Operator : JU/SJ
Sample : J3933-10 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-10-E1

Quant Time: Jul 11 16:17:04 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	6.93	152	57148	20.00	ng		-0.03
21) Naphthalene-d8	8.21	136	214411	20.00	ng		-0.04
38) Acenaphthene-d10	9.98	164	90201	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	146254	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	183503	20.00	ng		0.01
86) Perylene-d12	15.78	264	199746	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	87534	25.94	ng		-0.03
7) Phenol-d6	6.58	99	110954	26.33	ng		-0.04
23) Nitrobenzene-d5	7.50	82	66441	17.22	ng		-0.04
41) 2,4,6-Tribromophenol	10.78	330	21061	20.15	ng		-0.02
44) 2-Fluorobiphenyl	9.29	172	109804	7.08	ng		-0.03
78) Terphenyl-d14	13.06	244	100162	13.22	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	8485	3.054	ng	#	76
25) Isophorone	7.50	82	66440	9.773	ng	#	64
31) Naphthalene	8.24	128	24805	2.474	ng		97
49) Dimethylphthalate	9.68	163	25674	3.795	ng	#	99
50) 2,6-Dinitrotoluene	9.98	165	11945	8.338	ng	#	24
51) Acenaphthene	10.01	154	11596	2.061	ng		98
55) 4-Nitrophenol	10.18	139	4690	4.076	ng	#	9
56) 2,4-Dinitrotoluene	9.98	165	11945	6.388	ng	#	21
70) Phenanthrene	11.50	178	171544	24.318	ng		98
71) Anthracene	11.55	178	36079	5.011	ng		98
72) Carbazole	11.71	167	13826	2.051	ng		96
74) Fluoranthene	12.70	202	298138	38.345	ng		95
77) Pyrene	12.94	202	288114	23.810	ng		100
80) Benzo(a)anthracene	14.17	228	195589	17.488	ng		99
82) Chrysene	14.21	228	179777	17.472	ng		98
85) Indeno(1,2,3-cd)pyrene	17.38	276	81640	9.350	ng	#	88
87) Benzo(b)fluoranthene	15.32	252	331685	26.731	ng		97
88) Benzo(k)fluoranthene	15.44	252	41248	3.491	ng		93
89) Benzo(a)pyrene	15.65	252	118196	10.715	ng		100
91) Benzo(g,h,i)perylene	17.87	276	71843	7.863	ng	#	89

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

Quantitation Report (Not Reviewed)

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Misc :
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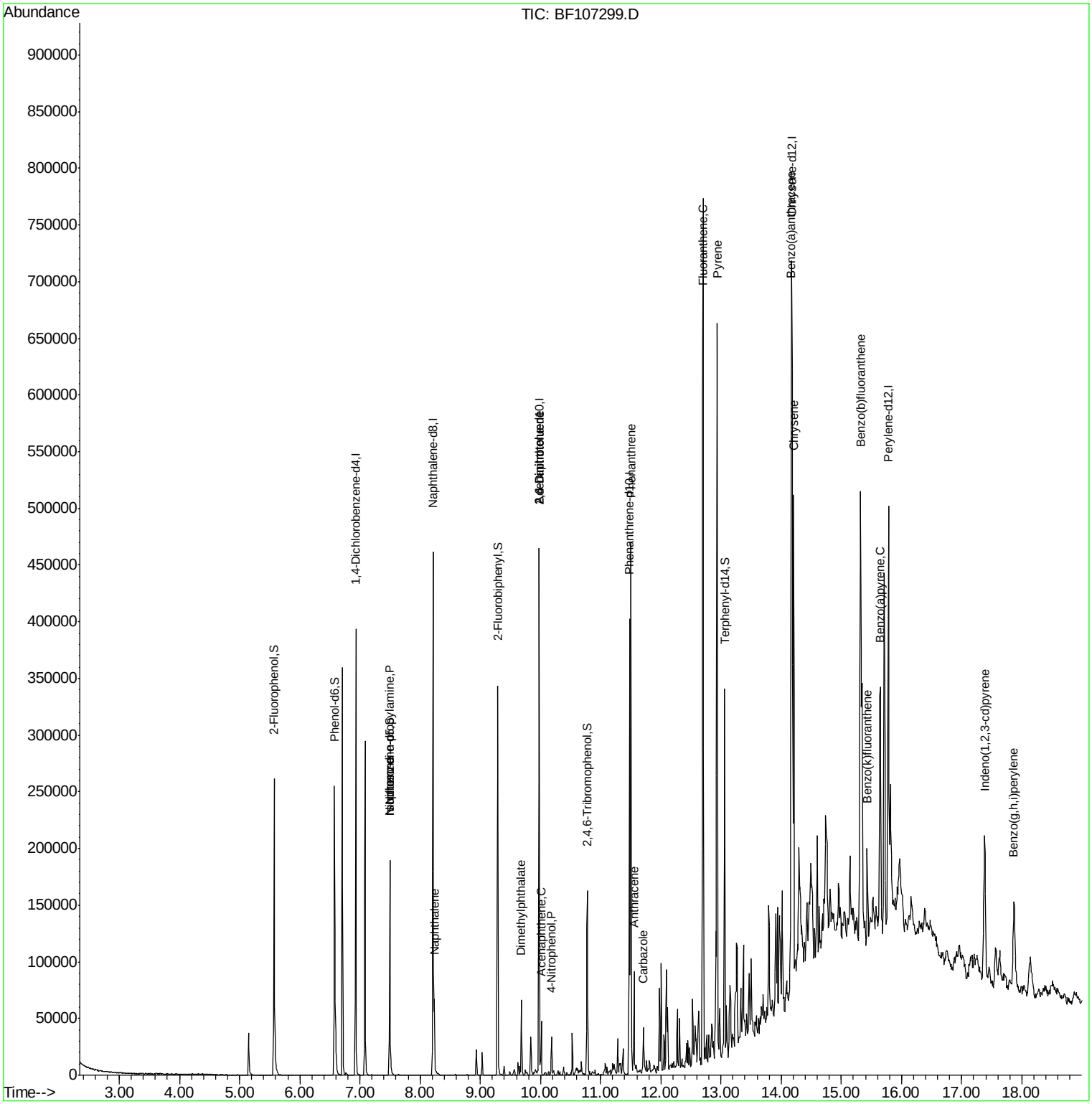
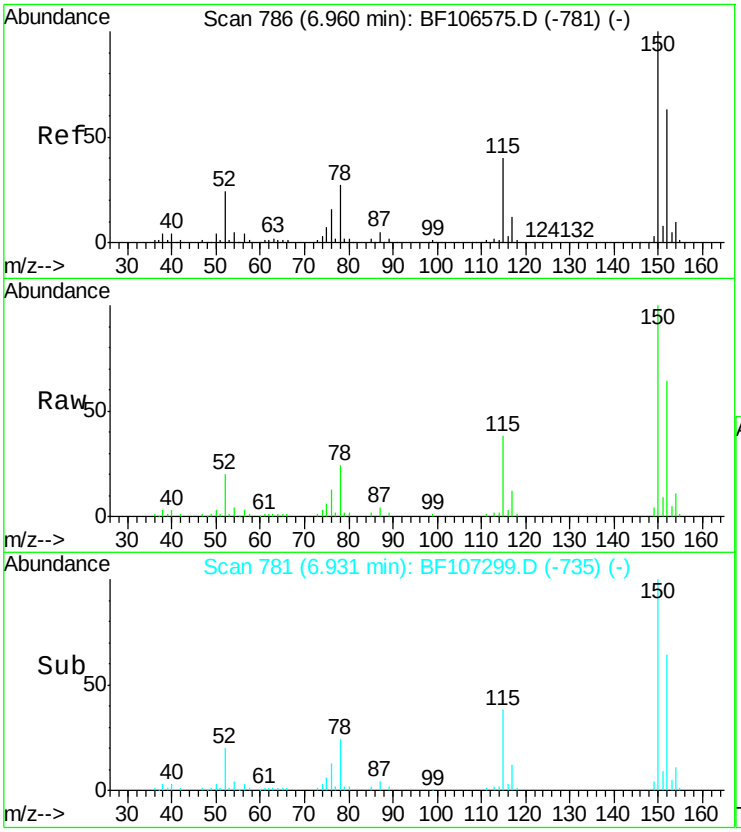


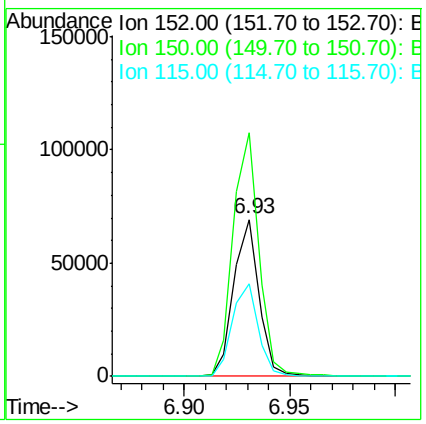


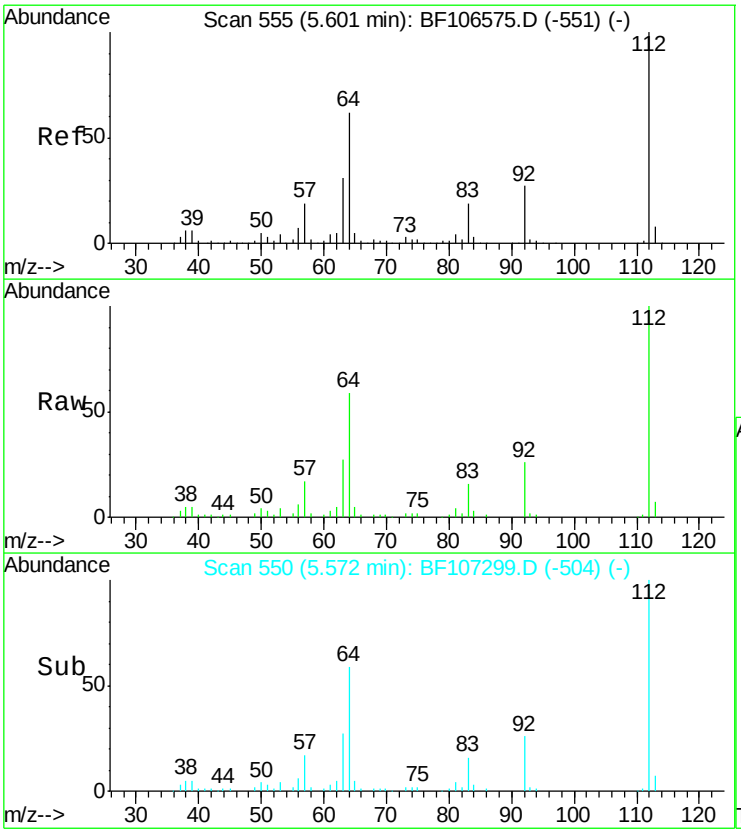
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:152 Resp: 57148

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.8	50.1	75.1

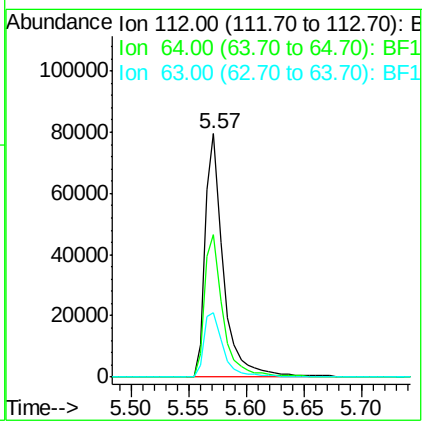


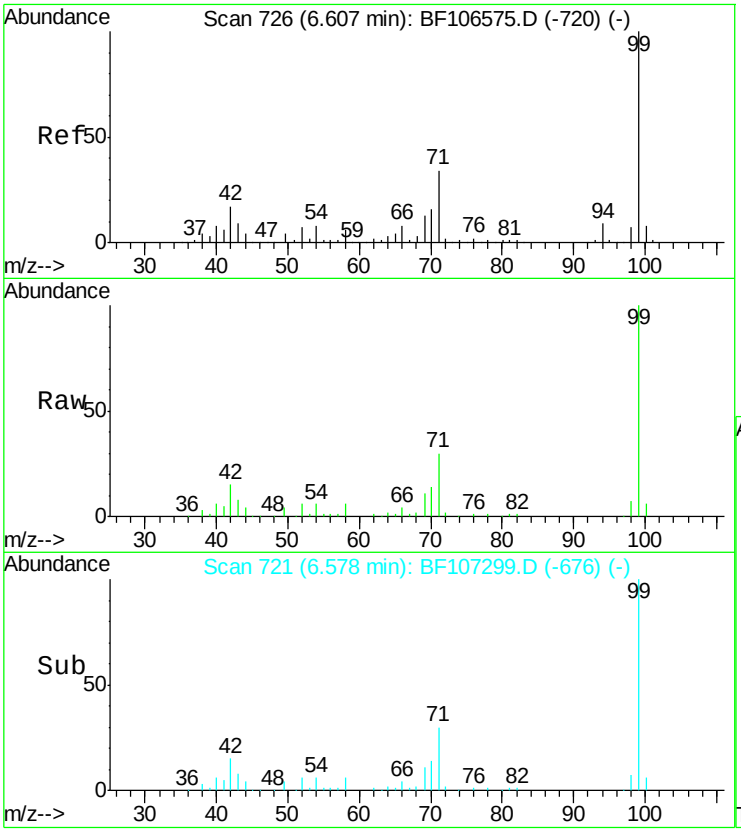


#5
2-Fluorophenol
Concen: 25.937 ng
RT: 5.57 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:112 Resp: 87534

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	26.7	23.7	35.5



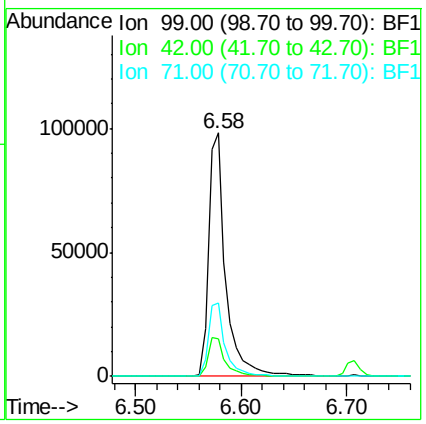


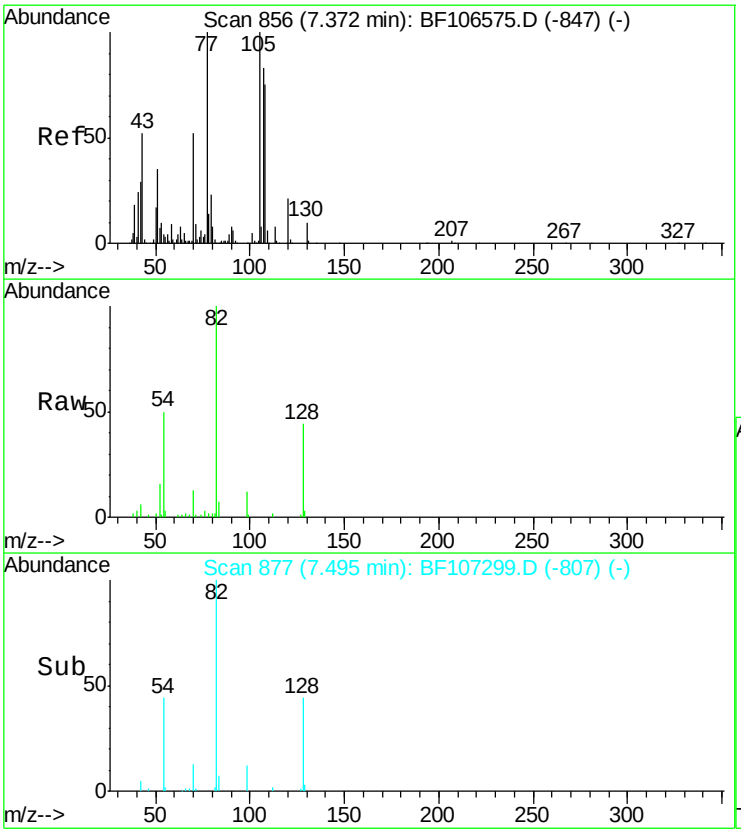
#7
Phenol-d6
Concen: 26.326 ng
RT: 6.58 min Scan# 721
Delta R.T. -0.04 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion: 99 Resp: 110954

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	30.3	25.4	38.0

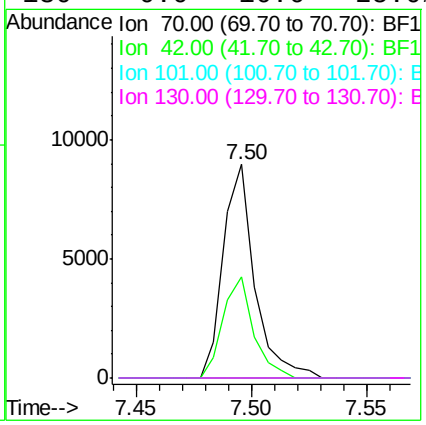


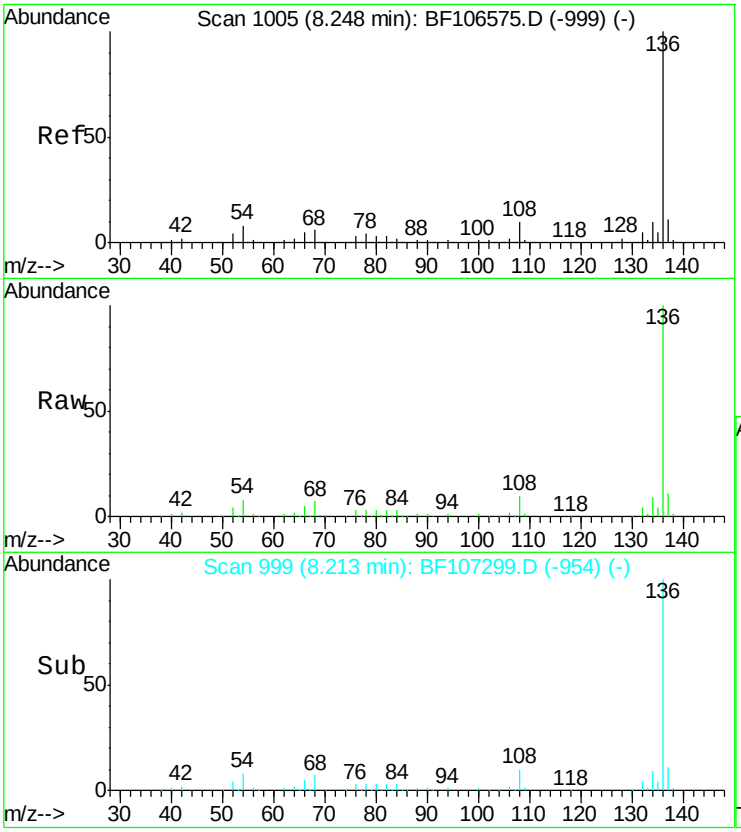


#19
n-Nitroso-di-n-propylamine
Concen: 3.054 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.11 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion: 70 Resp: 8485

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



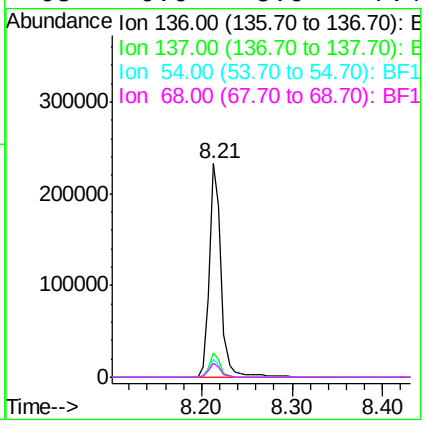


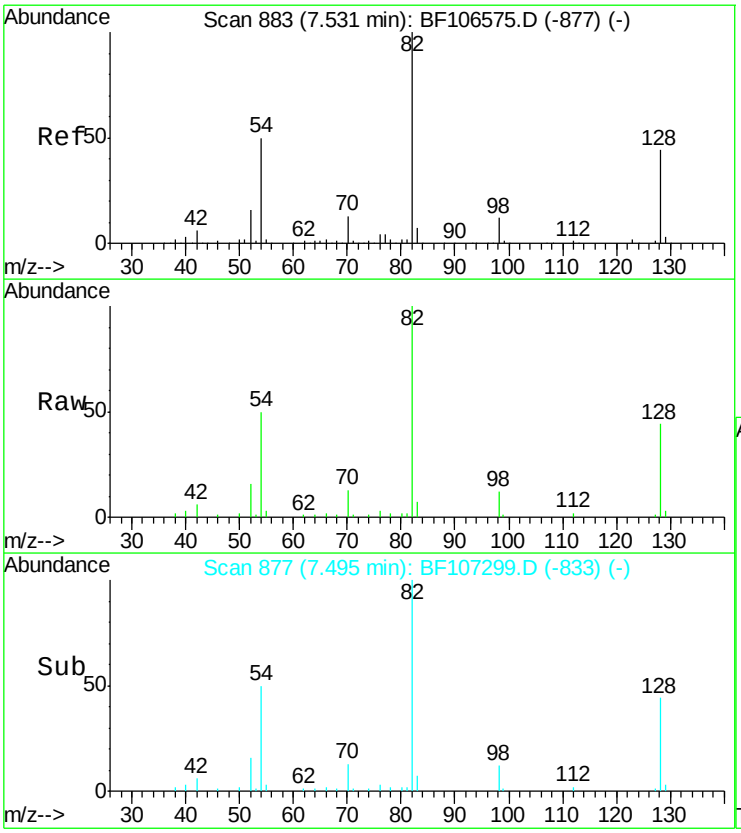
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.04 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:136 Resp: 214411

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4

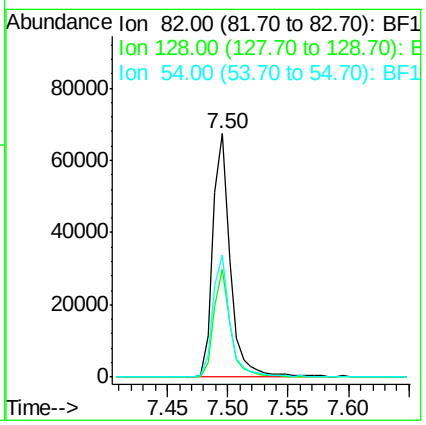


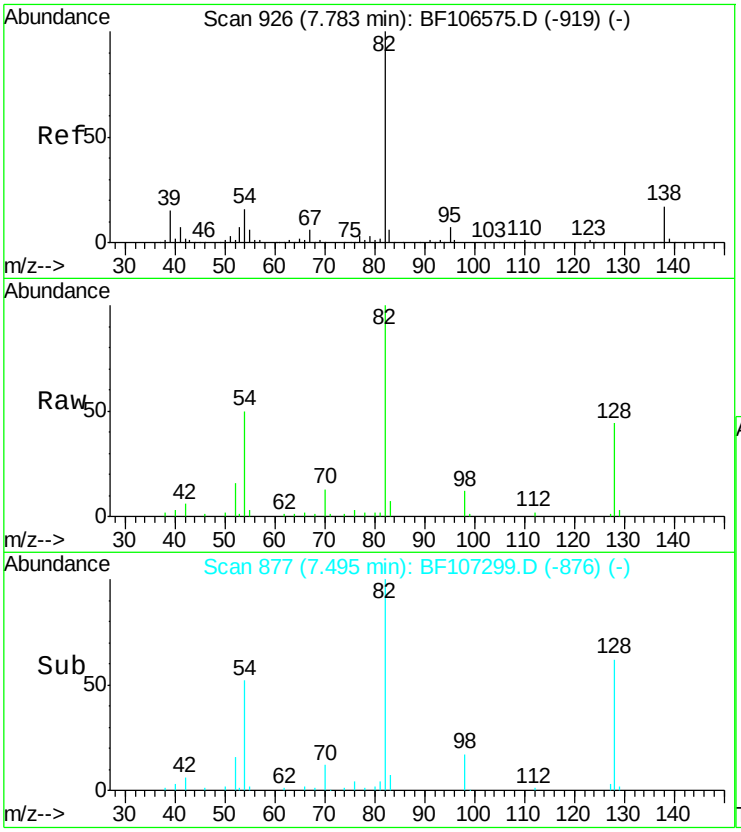


#23
Nitrobenzene-d5
Concen: 17.221 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion: 82 Resp: 66441

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	49.9	41.4	62.2



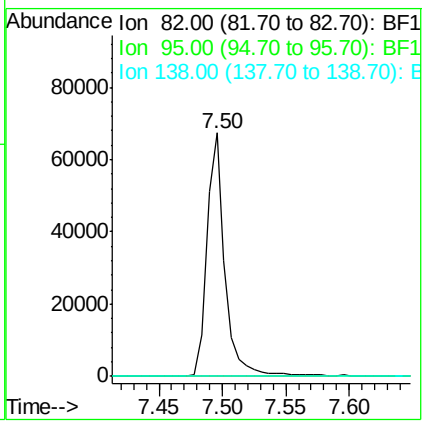


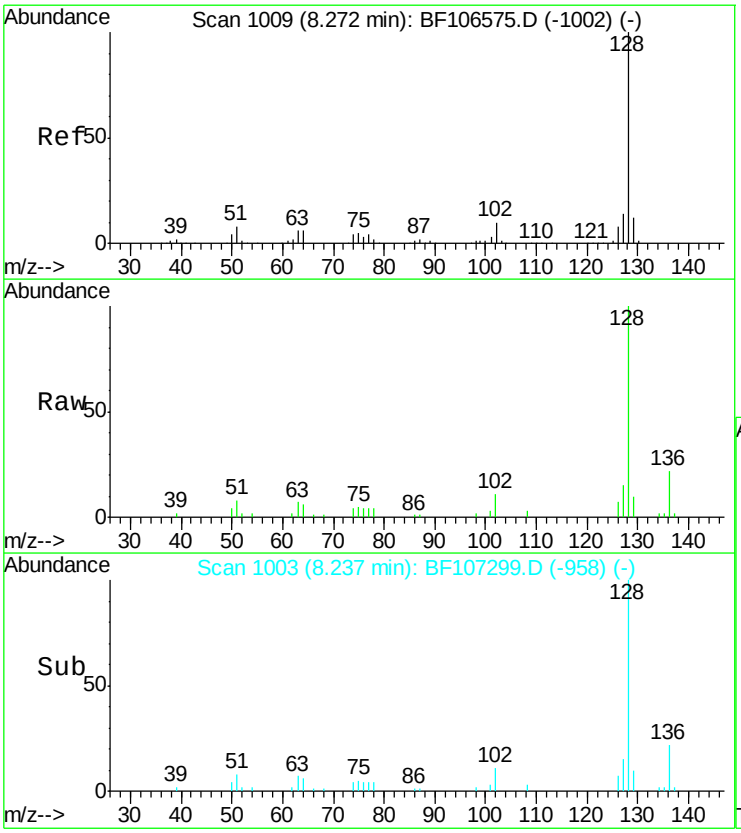
#25
Isophorone
Concen: 9.773 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion: 82 Resp: 66440

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

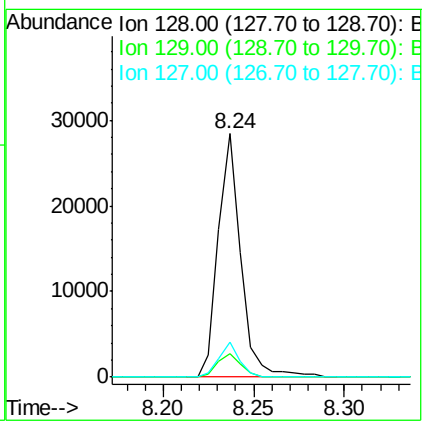


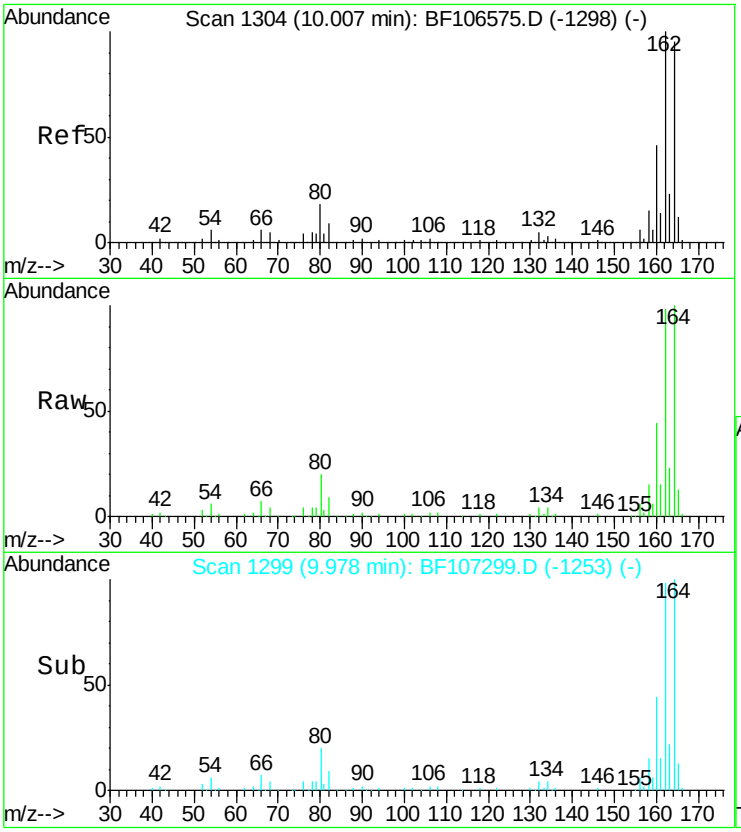


#31
Naphthalene
Concen: 2.474 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.04 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:128 Resp: 24805

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.8	13.2
127	14.5	10.9	16.3



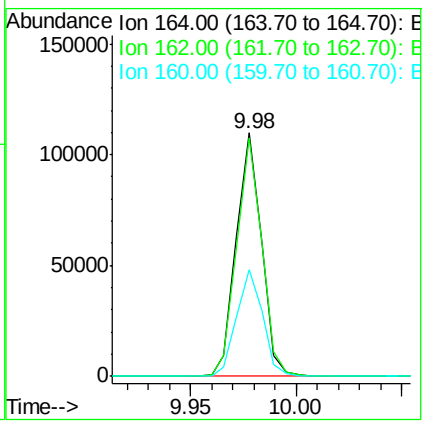


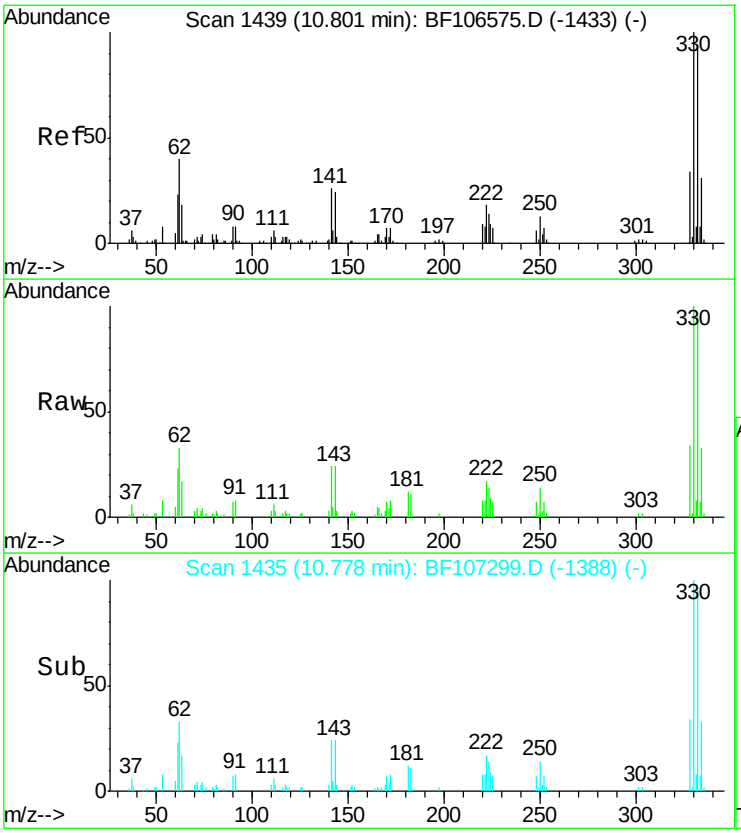
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:164 Resp: 90201

Ion	Ratio	Lower	Upper
164	100		
162	98.0	86.1	129.1
160	43.9	38.3	57.5

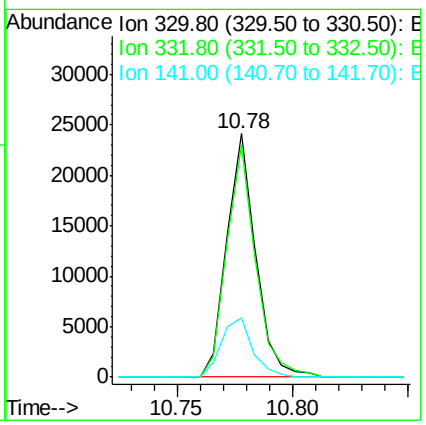


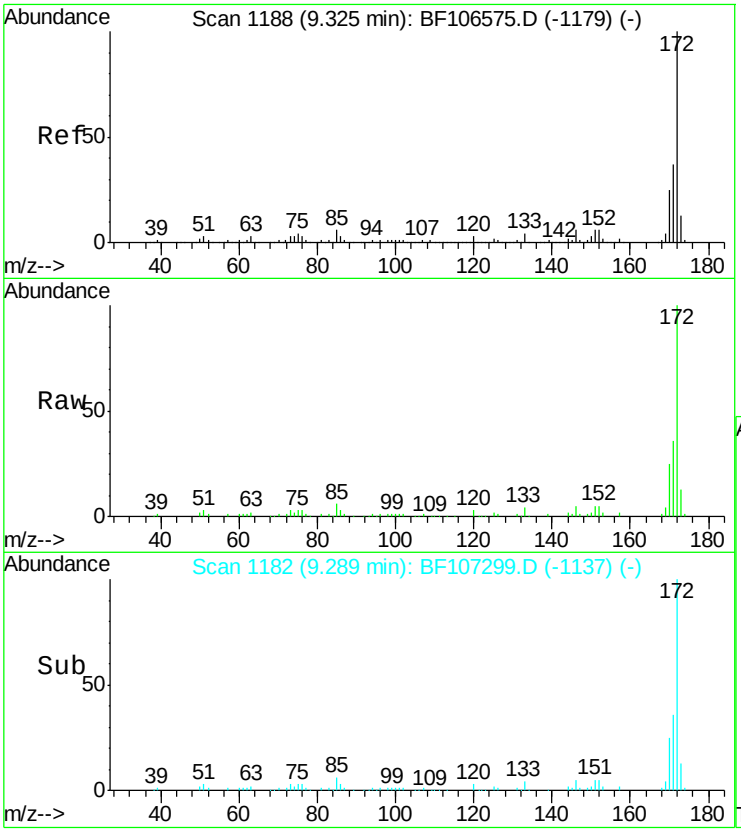


#41
2,4,6-Tribromophenol
Concen: 20.145 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:330 Resp: 21061

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	26.0	29.9	44.9#



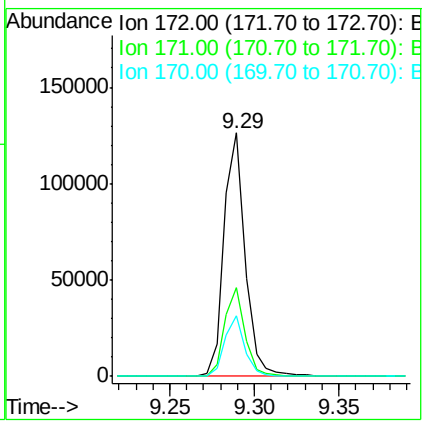


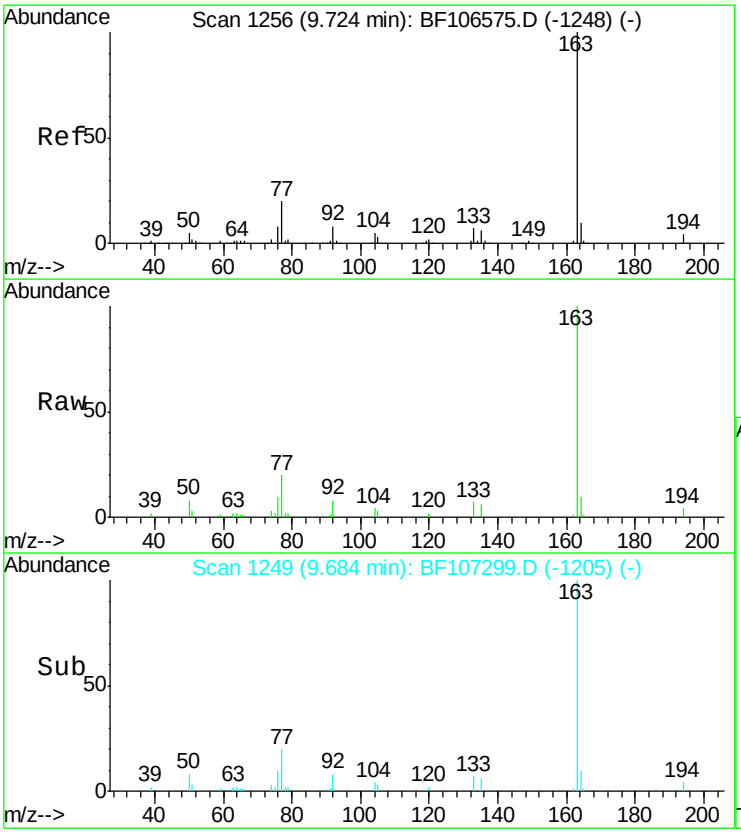
#44
2-Fluorobiphenyl
Concen: 7.083 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:172 Resp: 109804

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

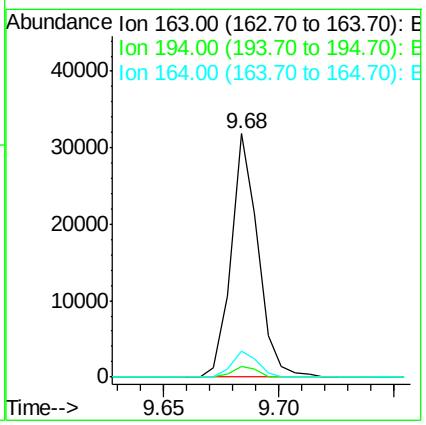


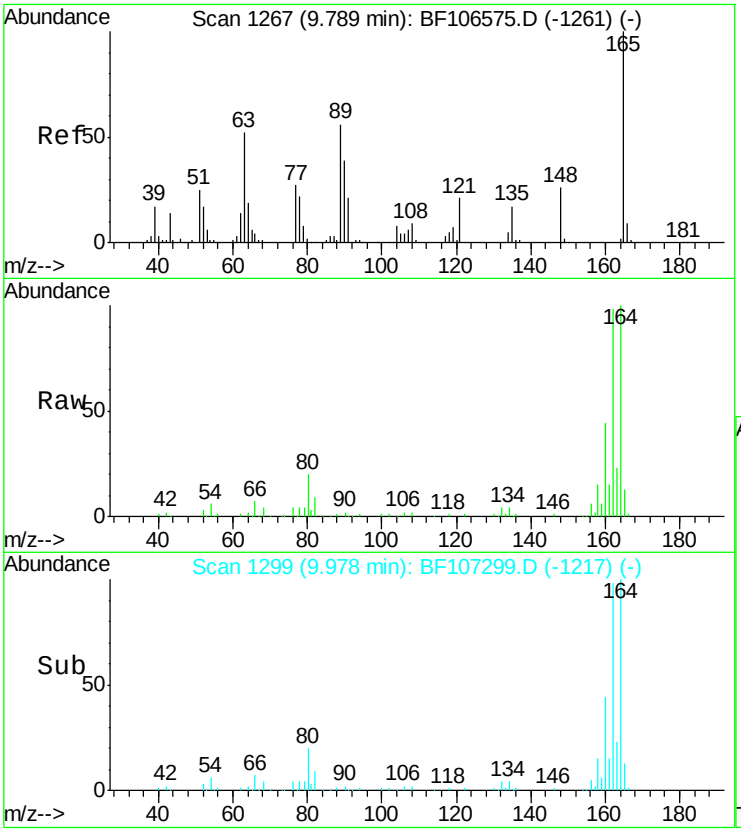


#49
Dimethylphthalate
Concen: 3.795 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:163 Resp: 25674

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.4	8.2	12.2



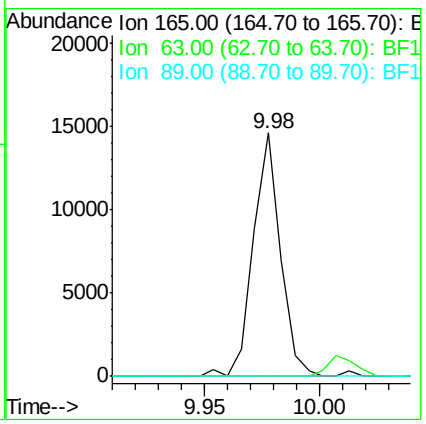


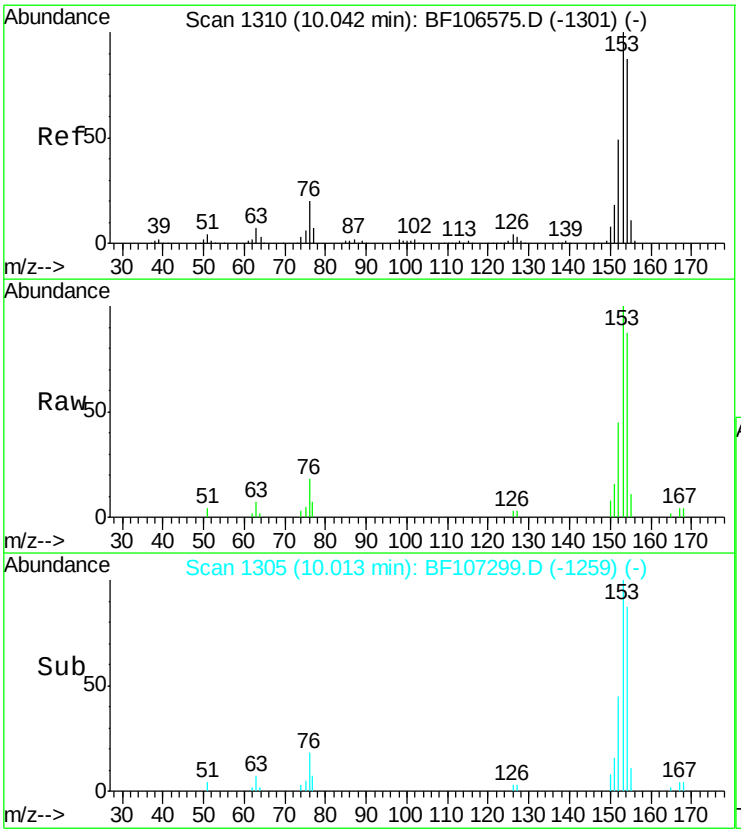
#50
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.18 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:165 Resp: 11945

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

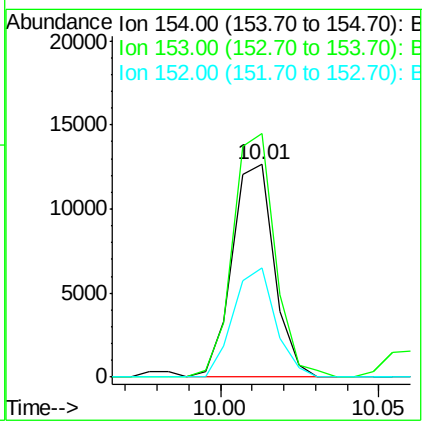


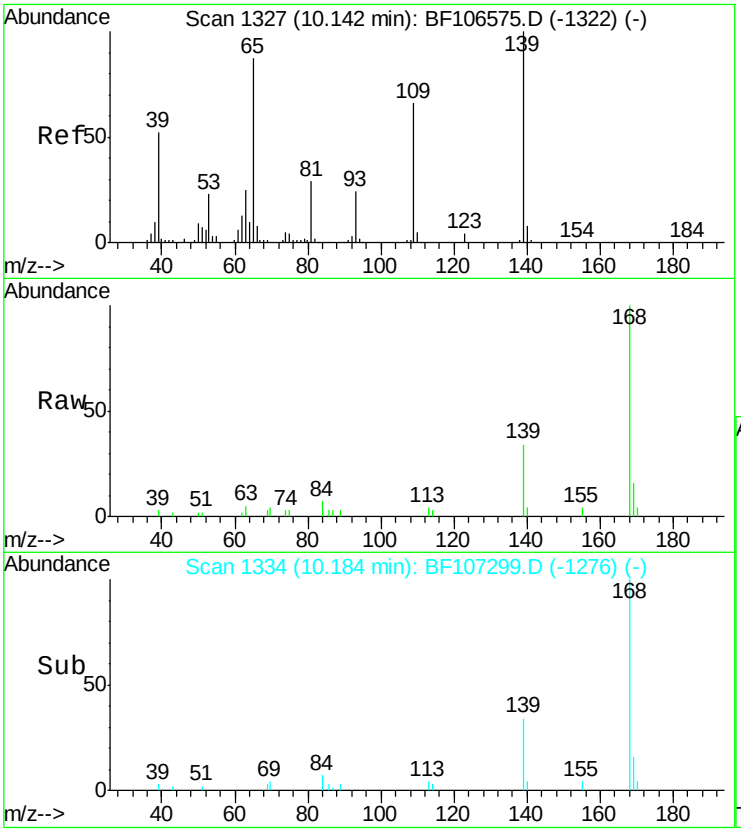


#51
Acenaphthene
Concen: 2.061 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:154 Resp: 11596

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	51.6	43.8	65.8



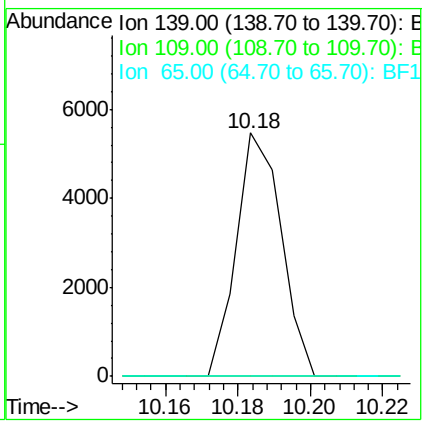


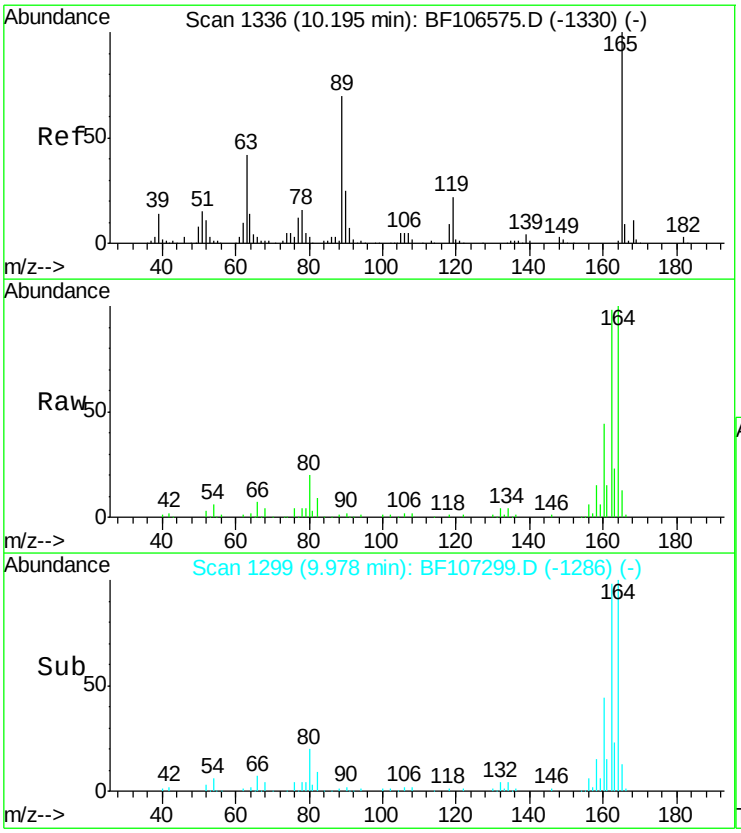
#55
4-Nitrophenol
Concen: 4.076 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.04 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:139 Resp: 4690

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

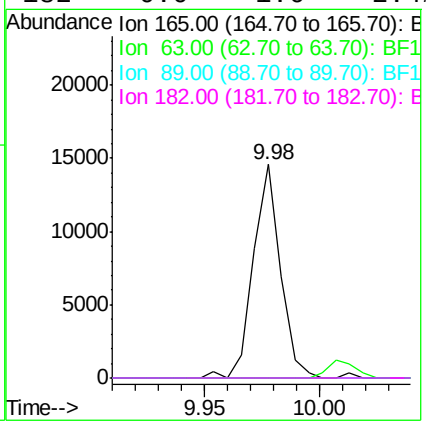


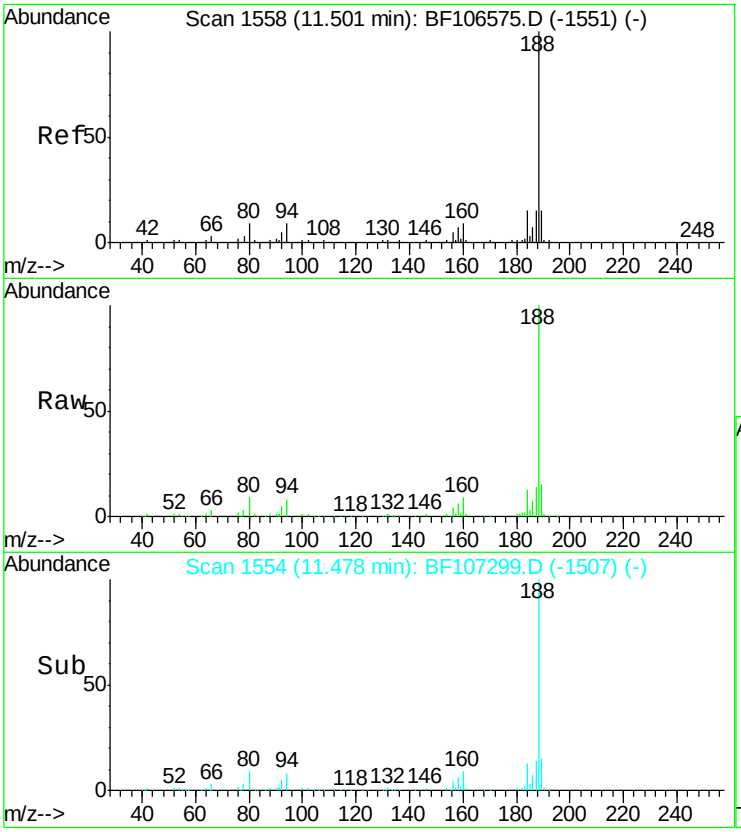


#56
2,4-Dinitrotoluene
Concen: 6.388 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.22 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:165 Resp: 11945

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#



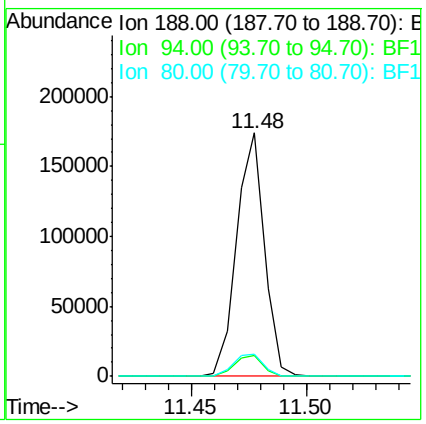


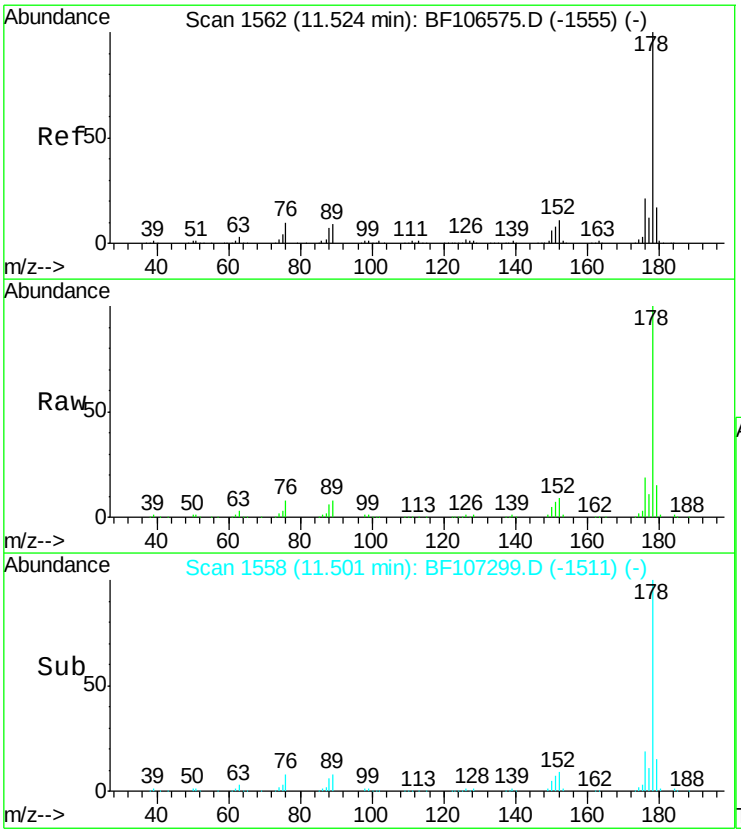
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:188 Resp: 146254

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#

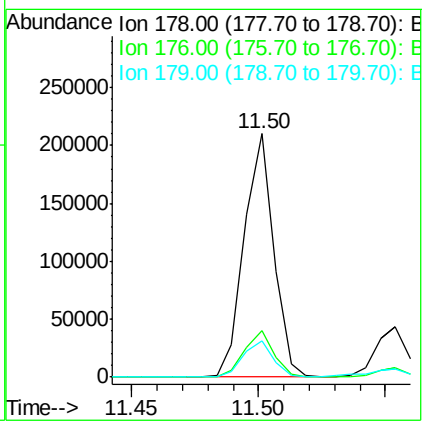


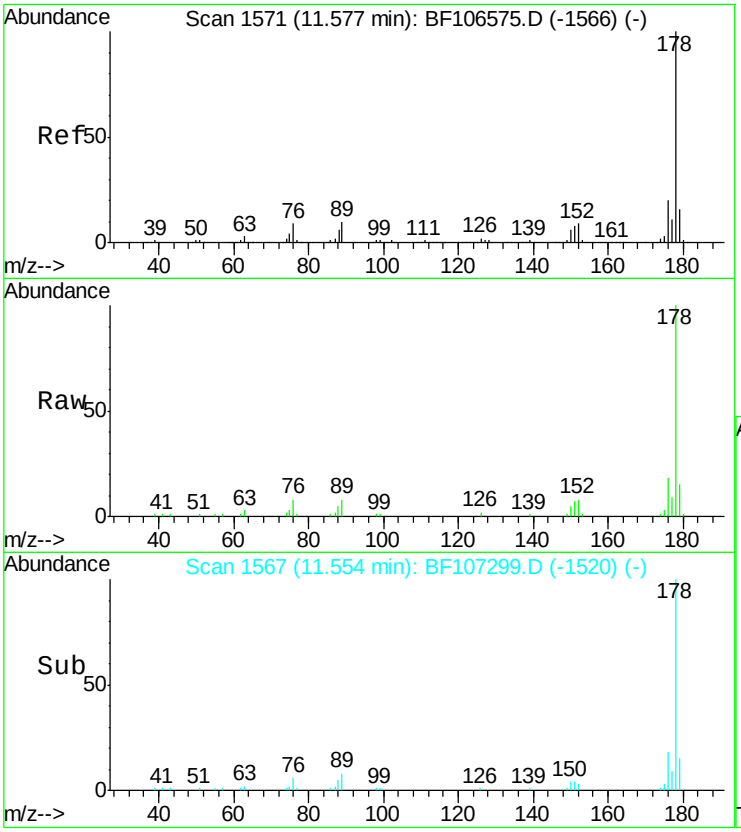


#70
Phenanthrene
Concen: 24.318 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:178 Resp: 171544

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



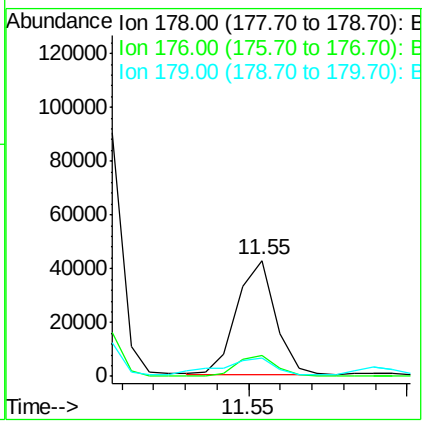


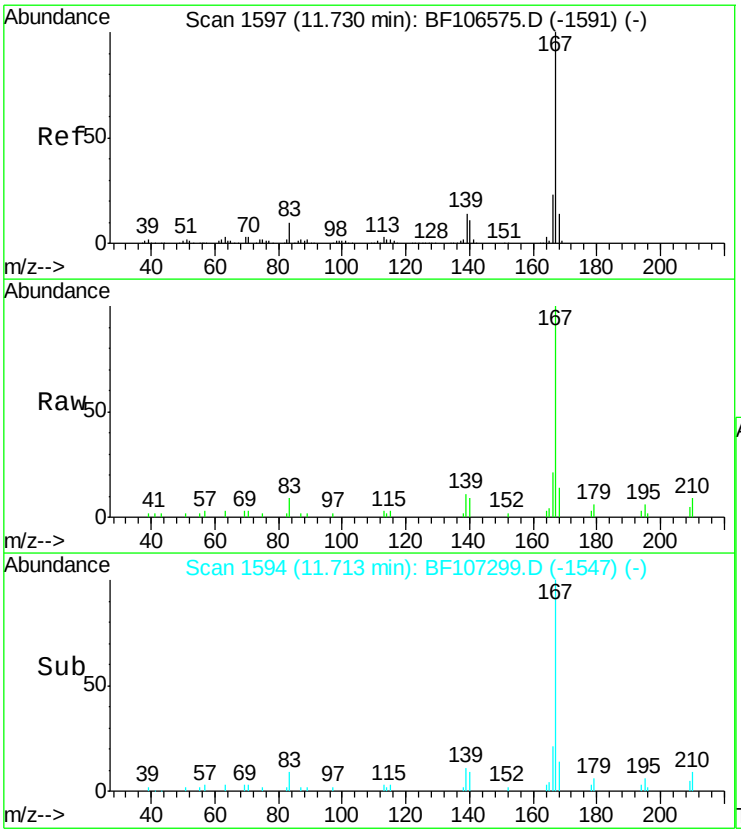
#71
Anthracene
Concen: 5.011 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:178 Resp: 36079

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.5	12.6	19.0

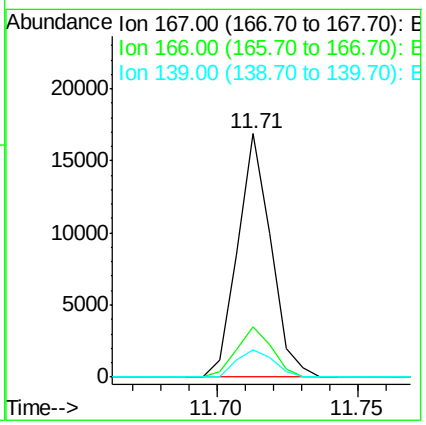


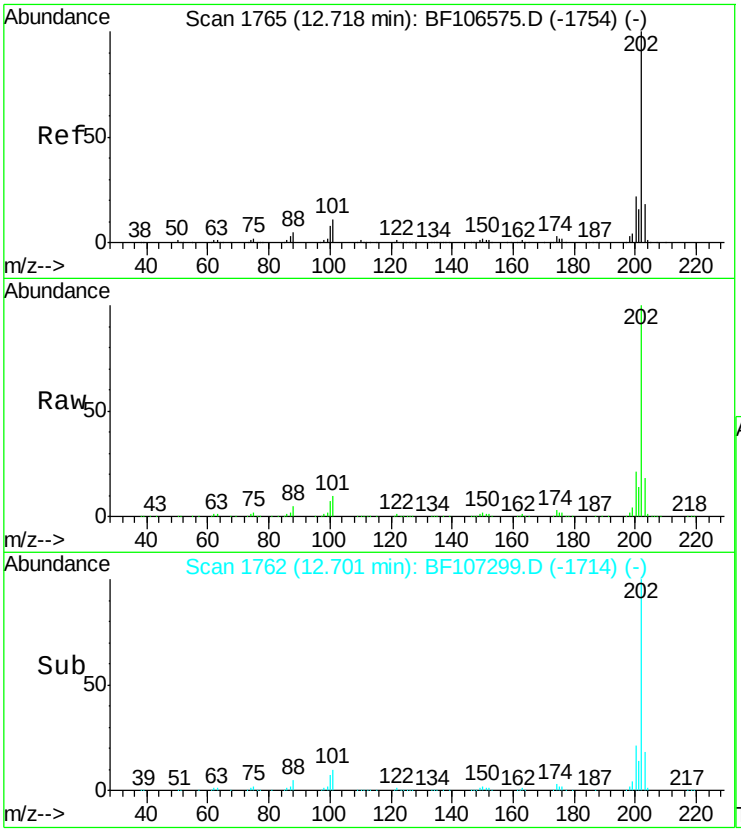


#72
Carbazole
Concen: 2.051 ng
RT: 11.71 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:167 Resp: 13826

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.6	26.4
139	11.0	10.9	16.3



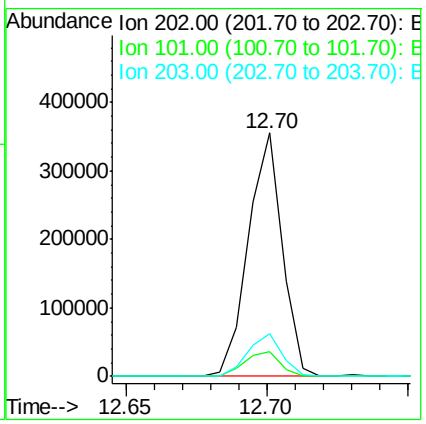


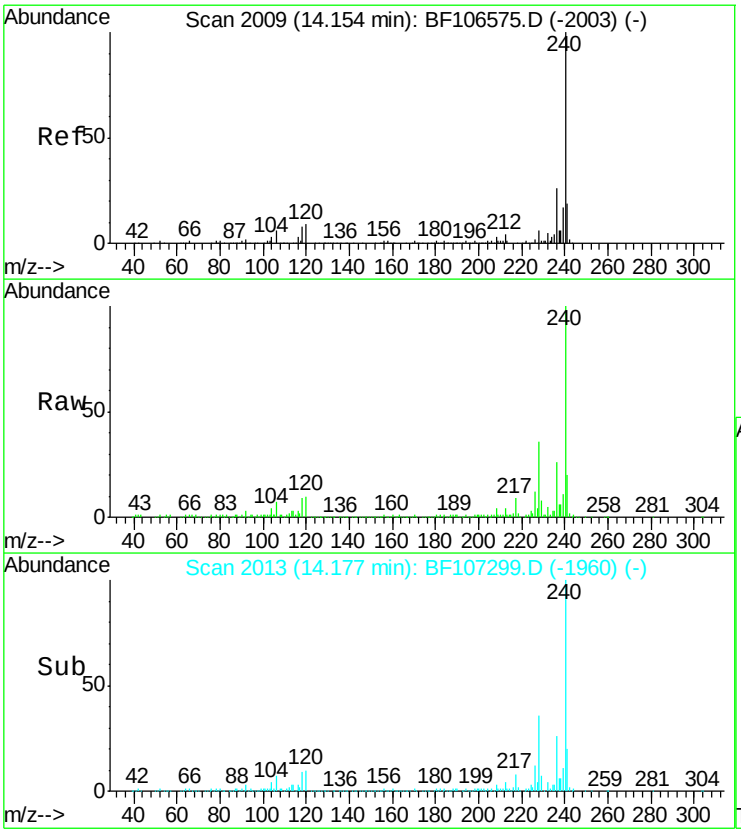
#74
Fluoranthene
Concen: 38.345 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:202 Resp: 298138

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.6	0.0	38.1

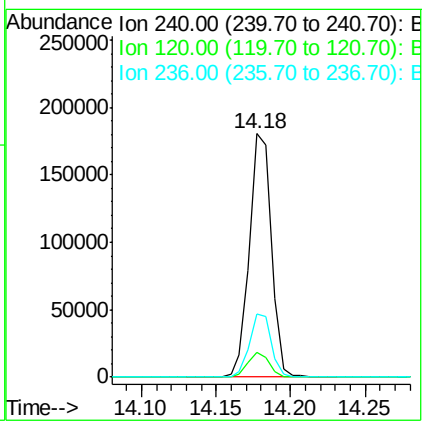


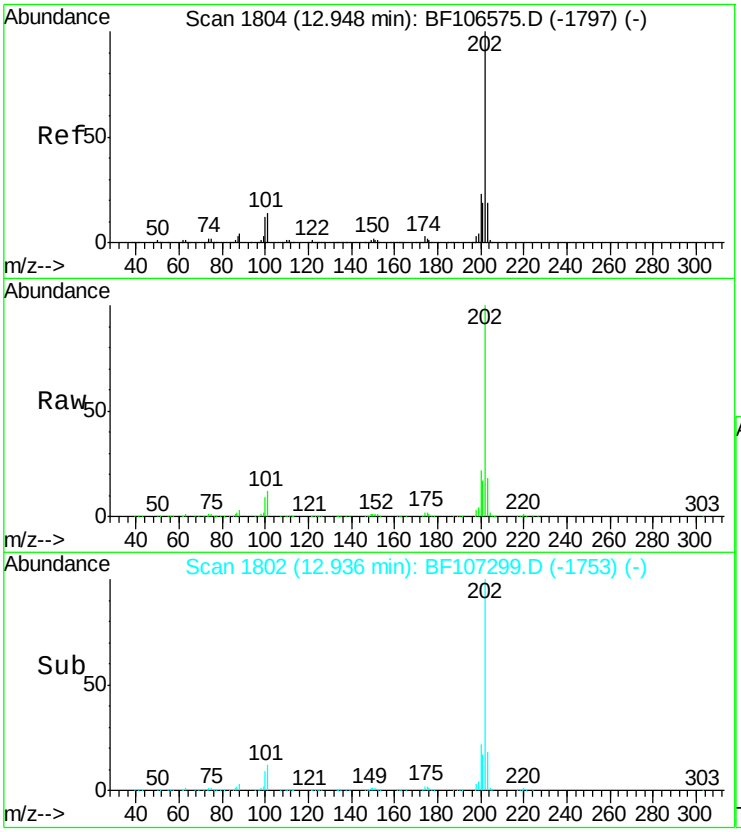


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:240 Resp: 183503

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.9	20.7	31.1



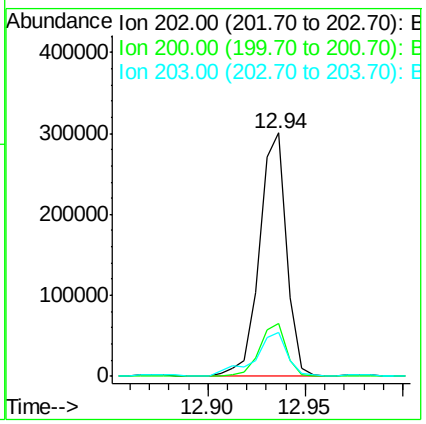


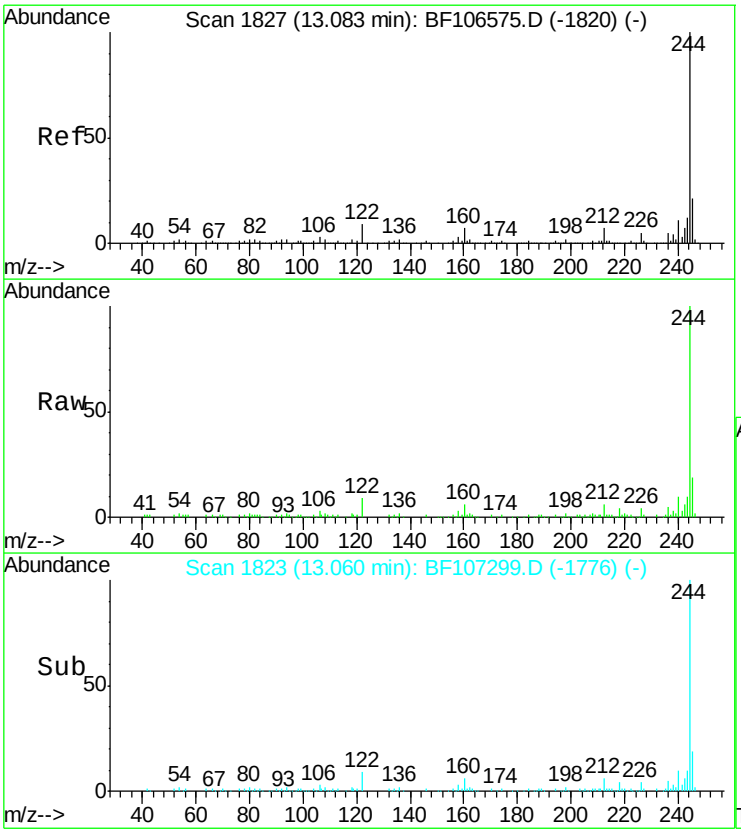
#77
Pyrene
Concen: 23.810 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:202 Resp: 288114

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.8	14.3	21.5

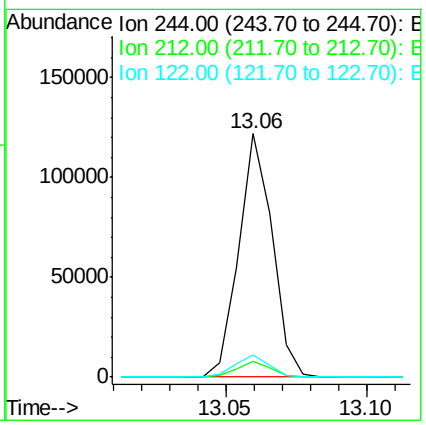


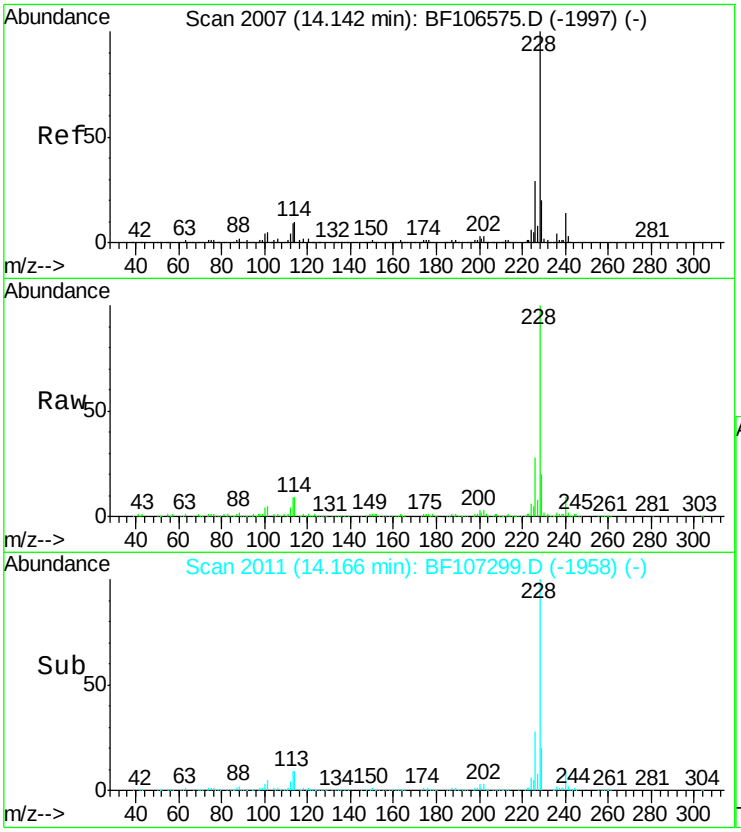


#78
Terphenyl-d14
Concen: 13.222 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:244 Resp: 100162

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.1	11.0	16.4#



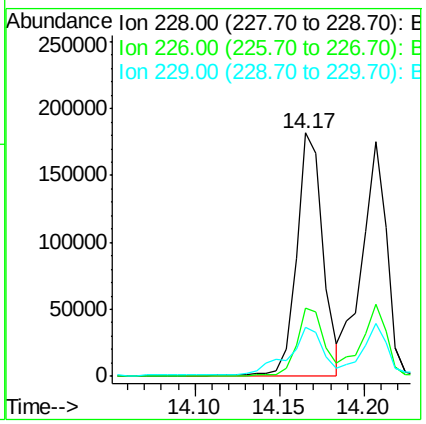


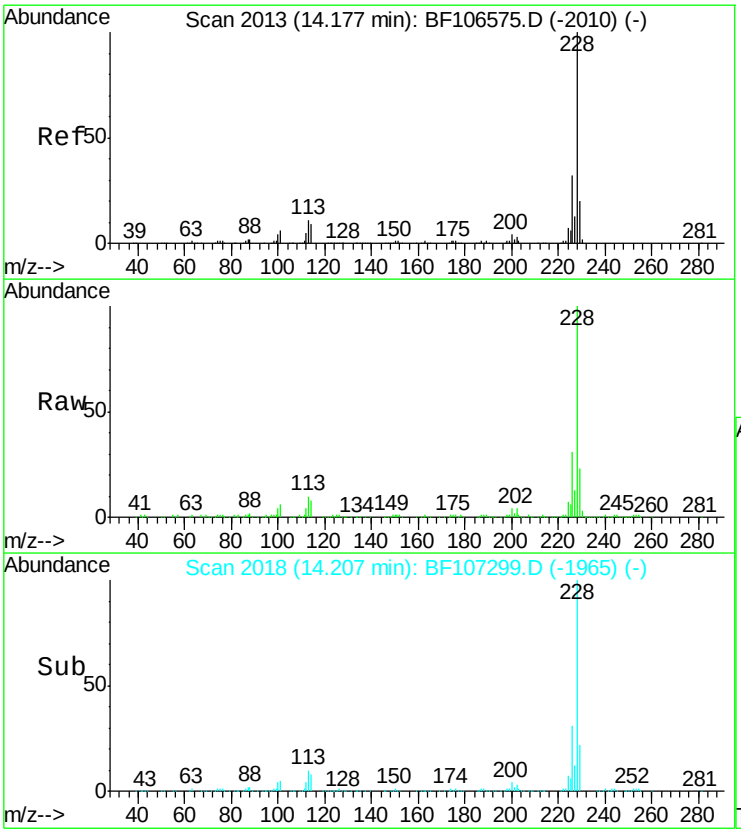
#80
Benzo(a)anthracene
Concen: 17.488 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:228 Resp: 195589

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.8	23.6

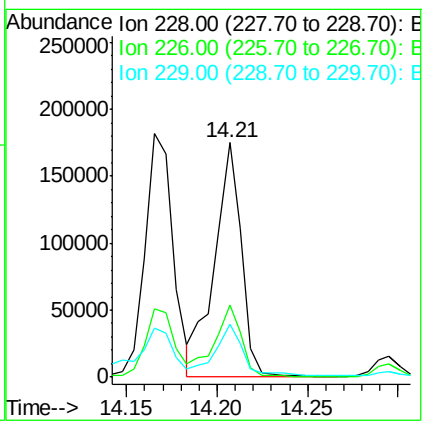


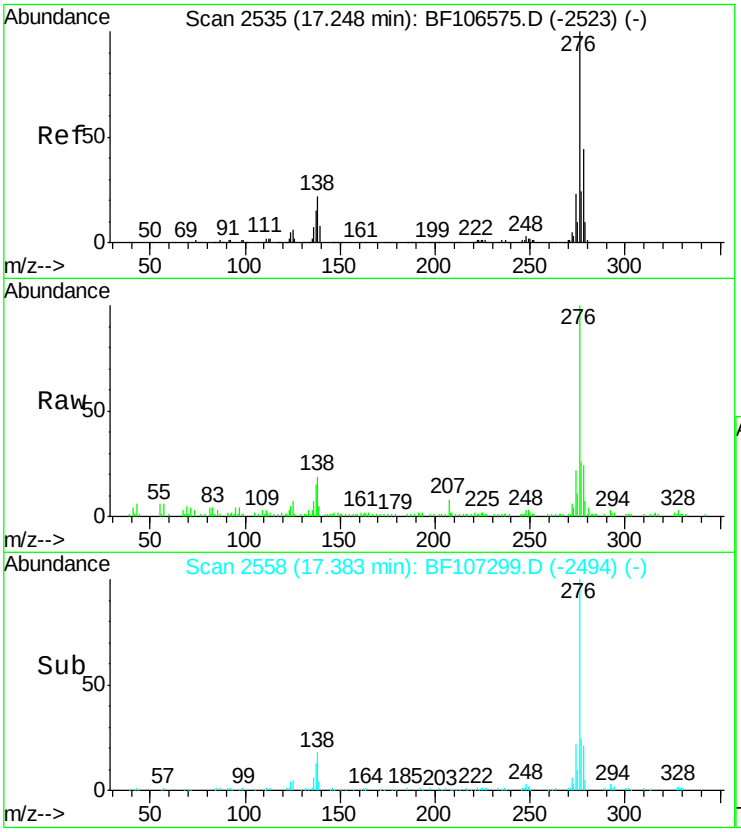


#82
Chrysene
Concen: 17.472 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:228 Resp: 179777

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.6	16.2	24.4



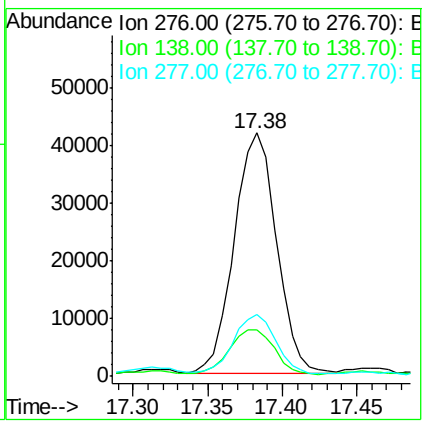


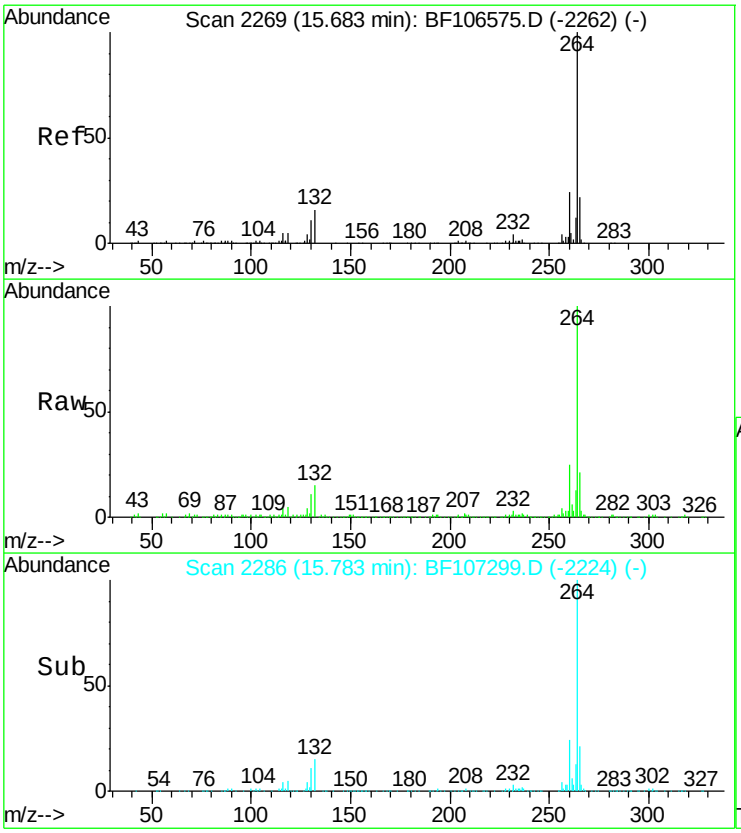
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.350 ng
RT: 17.38 min Scan# 2558
Delta R.T. 0.08 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:276 Resp: 81640

Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	24.7	20.1	30.1

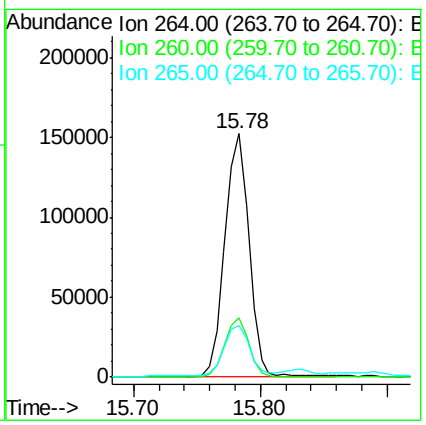


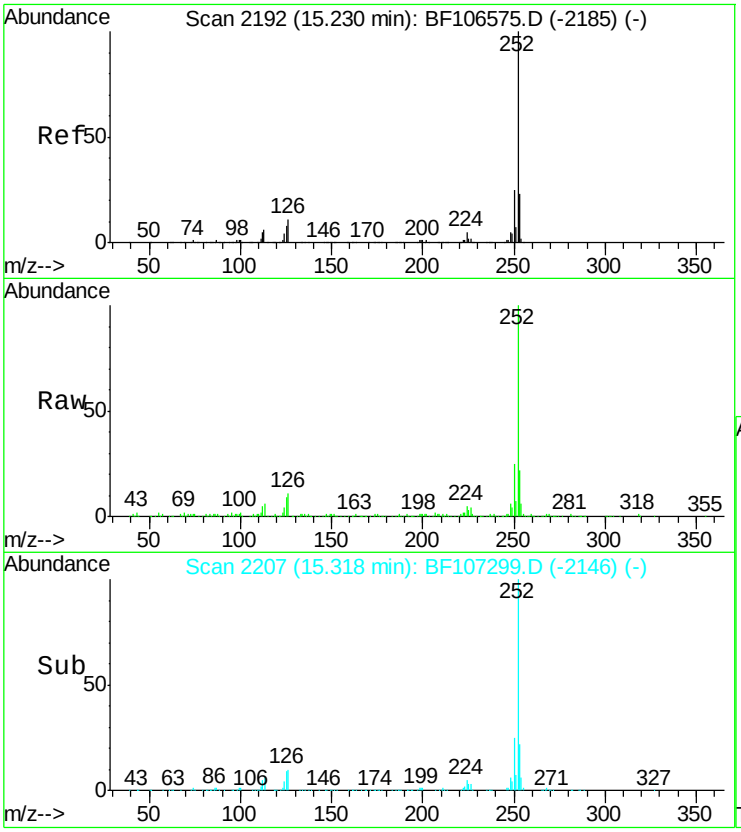


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.06 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:264 Resp: 199746

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3



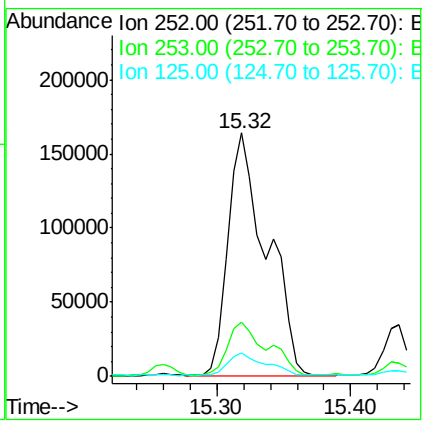


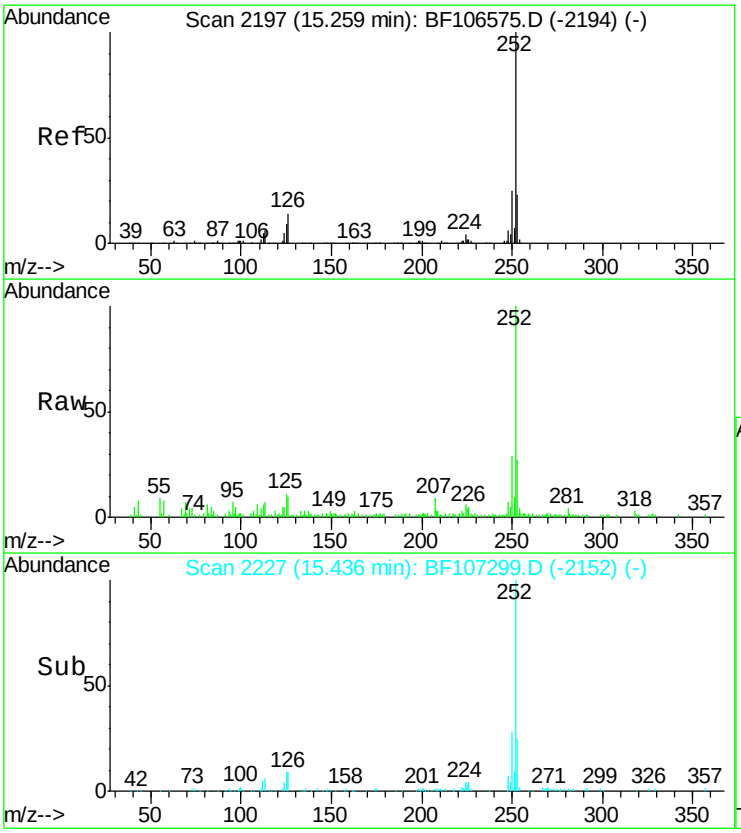
#87
Benzo(b)fluoranthene
Concen: 26.731 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.06 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:252 Resp: 331685

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.5	9.0	13.6

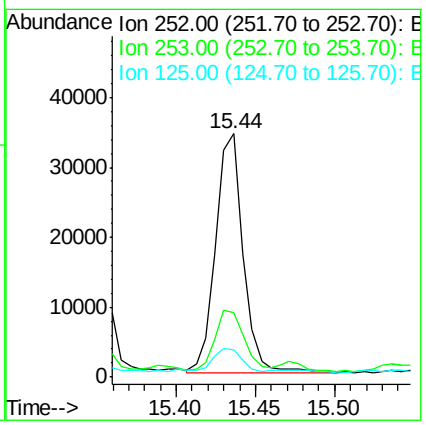


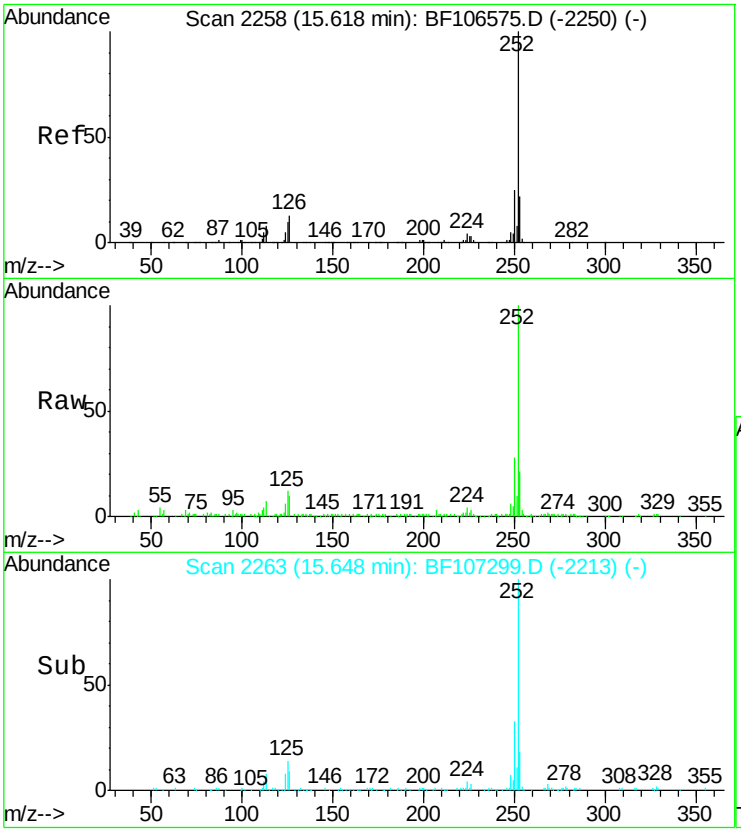


#88
Benzo(k)fluoranthene
Concen: 3.491 ng
RT: 15.44 min Scan# 2227
Delta R.T. 0.14 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:252 Resp: 41248

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	11.3	10.2	15.2



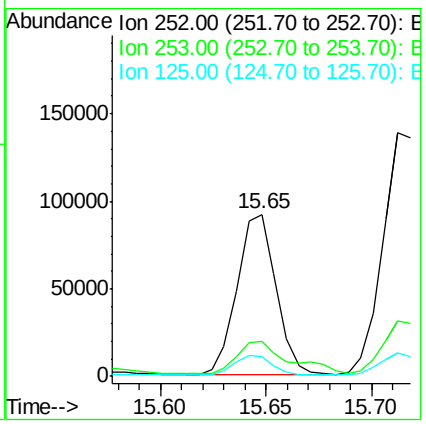


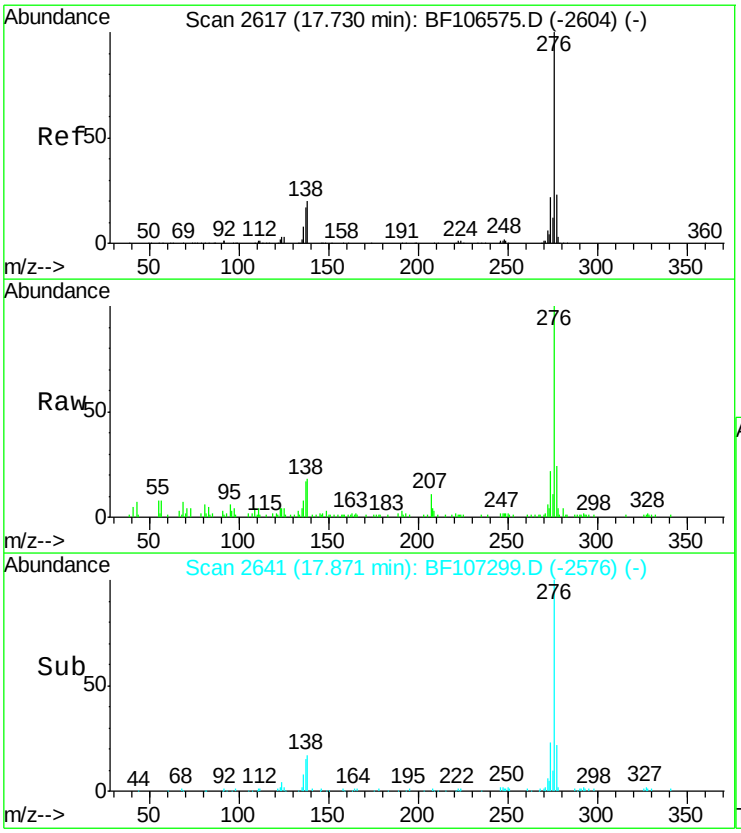
#89
Benzo(a)pyrene
Concen: 10.715 ng
RT: 15.65 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Instrument :
BNA_F
ClientSampleId :
EP-10-E1

Tgt Ion:252 Resp: 118196

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.863 ng
RT: 17.87 min Scan# 2641
Delta R.T. 0.08 min
Lab File: BF107299.D
Acq: 11 Jul 2018 14:52

Tgt Ion:276 Resp: 71843

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	17.7	21.8	32.8#