Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:34:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49437	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	194276	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	86219	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	141810	20.00	ng		0.00
75) Chrysene-d12	14.01	240	112812	20.00	ng		0.00
86) Perylene-d12	15.49	264	92635	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	204158	68.24	ng		0.00
7) Phenol-d6	6.46	99	243260	66.97	ng		0.00
23) Nitrobenzene-d5	7.39	82	147303	45.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	56045	54.11	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	288044	45.71	ng		0.00
78) Terphenyl-d14	12.94	244	222369	43.11	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	4740	2.132	ng	#	80
19) n-Nitroso-di-n-propylamine	7.39	70	20085	8.211	ng	#	81
25) Isophorone	7.39	82	147302	26.479	ng	#	64
31) Naphthalene	8.13	128	47204	4.930	ng		98
37) 2-Methylnaphthalene	8.82	142	29060	4.467	ng		96
48) Acenaphthylene	9.72	152	45132	4.895	ng		98
49) Dimethylphthalate	9.57	163	36387	5.233	ng	#	98
51) Acenaphthene	9.89	154	28308	5.128	ng		98
54) Dibenzofuran	10.07	168	51629	6.490	ng		98
57) Fluorene	10.41	166	82986	12.832	ng		97
66) 4-Bromophenyl-phenylether	10.66	248	3823	2.408	ng	#	1
70) Phenanthrene	11.38	178	443455	56.785	ng		99
71) Anthracene	11.43	178	124876	15.799	ng		98
72) Carbazole	11.59	167	47808	6.620	ng		97
74) Fluoranthene	12.58	202	449401	51.914	ng		96
77) Pyrene	12.81	202	388589	49.919	ng		98
80) Benzo(a)anthracene	14.00	228	192908	27.083	ng		96
82) Chrysene	14.03	228	157474	23.805	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	60532	10.293	ng	#	89
87) Benzo(b)fluoranthene	15.06	252	227154	40.939	ng		96
88) Benzo(k)fluoranthene	15.06	252	227154	41.553	ng		98
89) Benzo(a)pyrene	15.43	252	120378	23.864	ng		96
90) Dibenzo(a,h)anthracene	16.98	278	17483	3.931	ng	#	89
91) Benzo(g,h,i)perylene	17.43	276	57877	13.810	ng	#	91

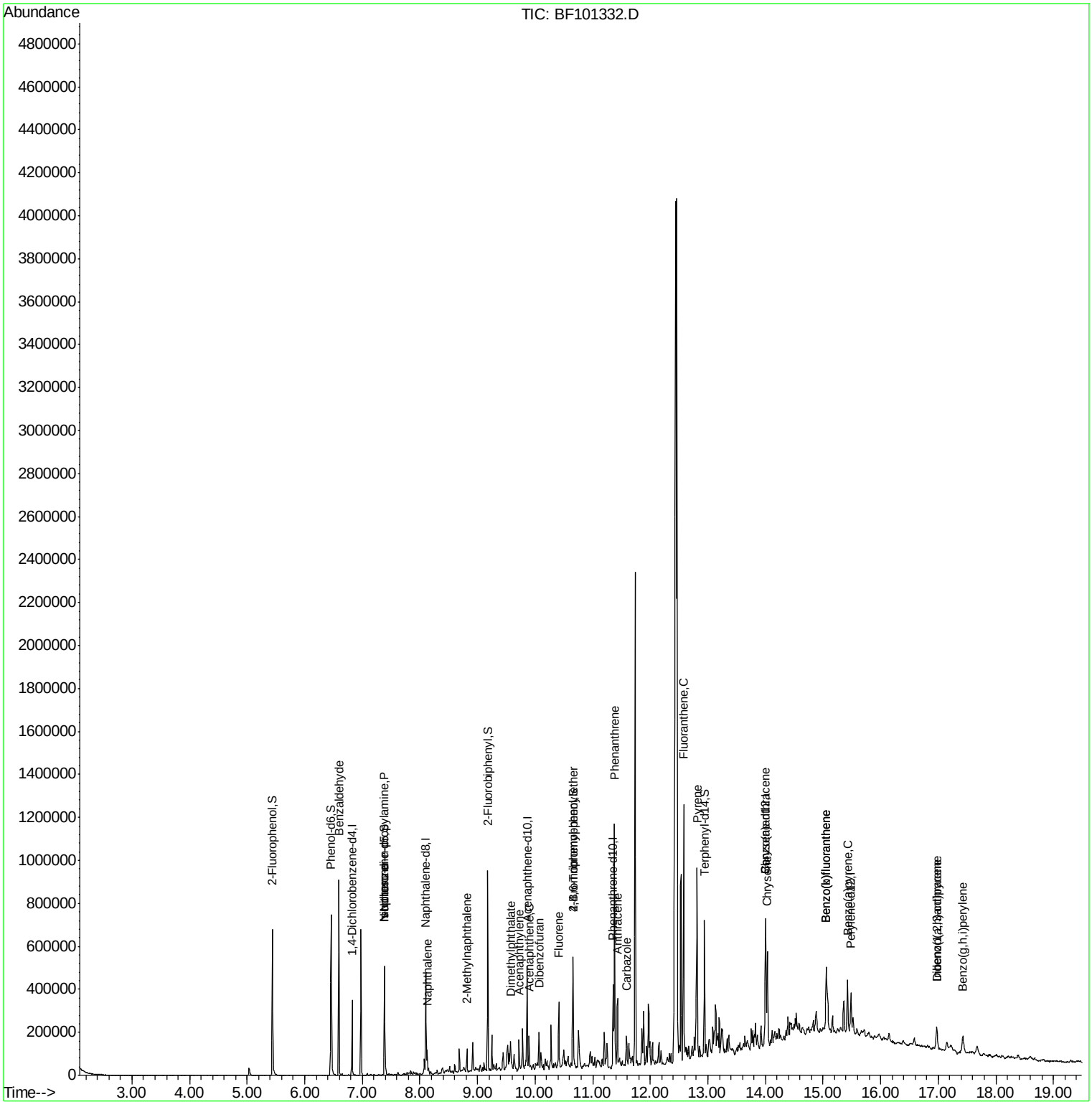
(#) = qualifier out of range (m) = manual integration (+) = signals summed

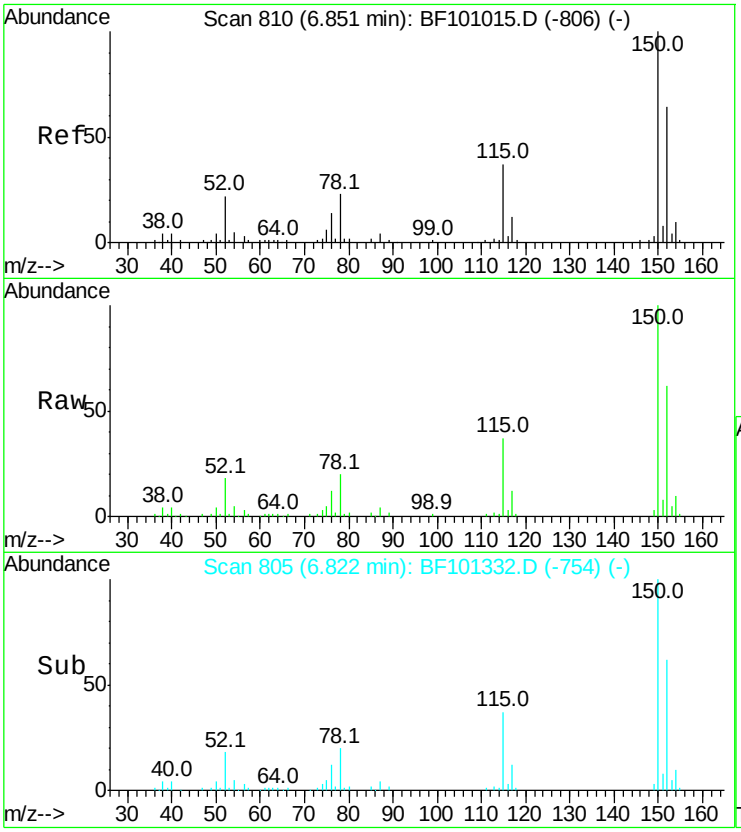
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 00:34:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



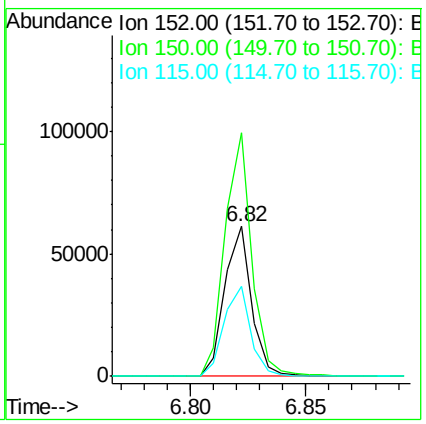


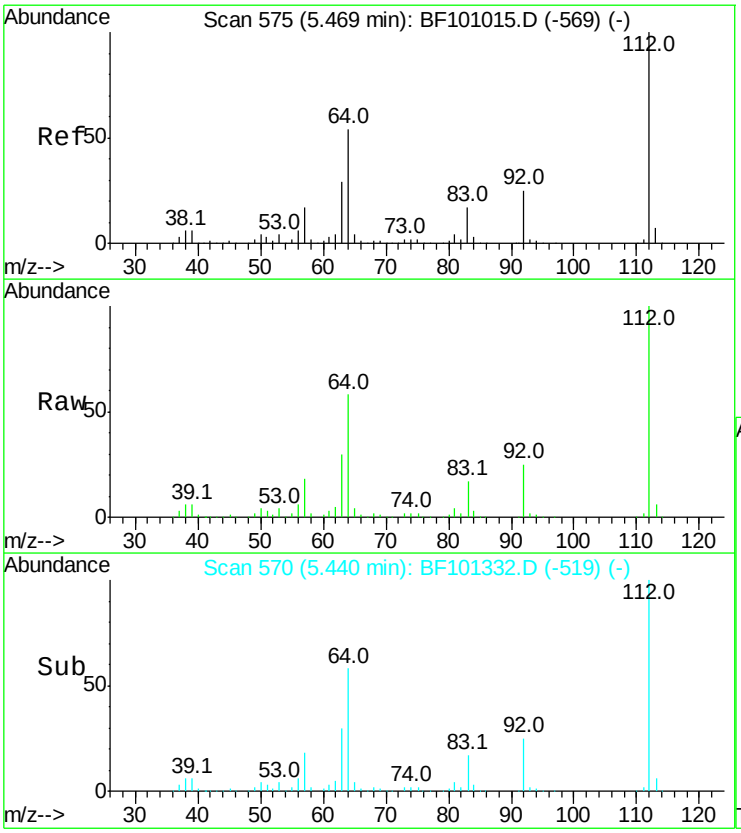
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49437

Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	186.8
115	59.9	50.1	75.1

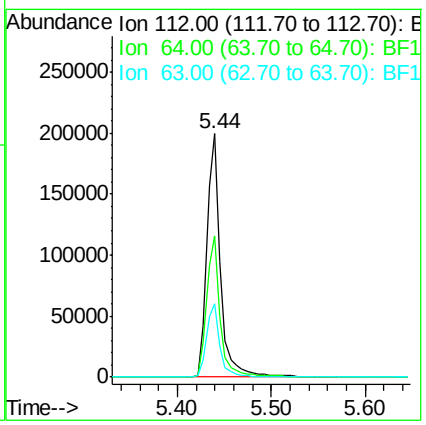


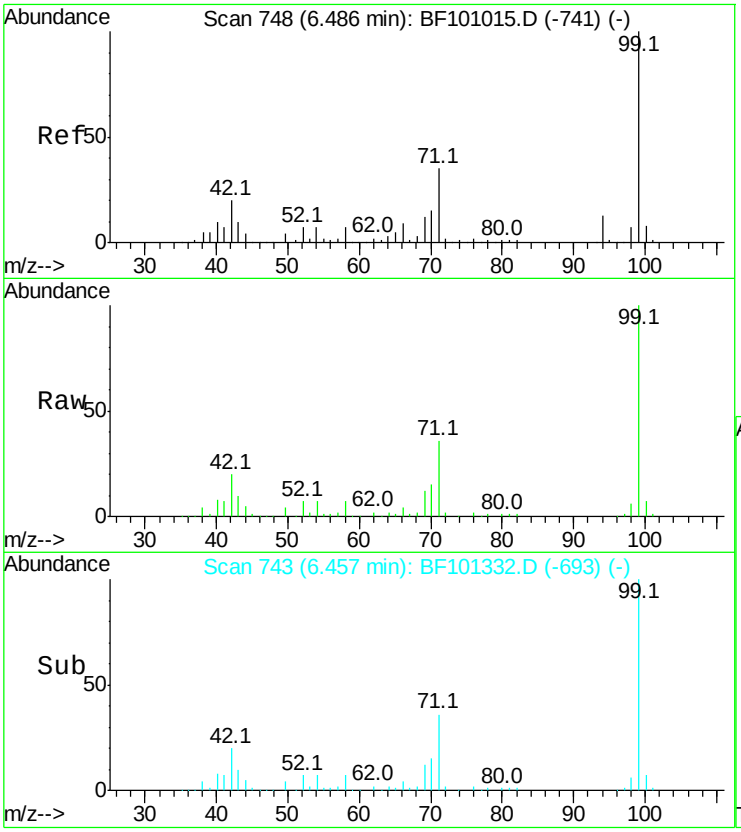


#5
2-Fluorophenol
Concen: 68.240 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:112 Resp: 204158

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	30.0	23.7	35.5



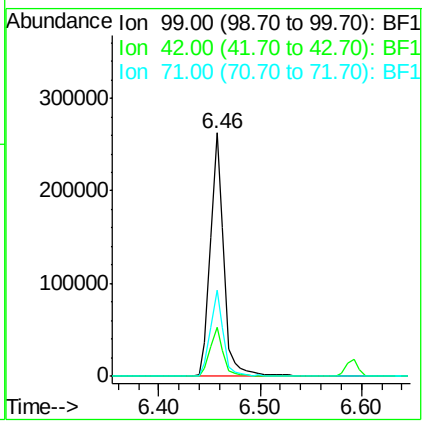


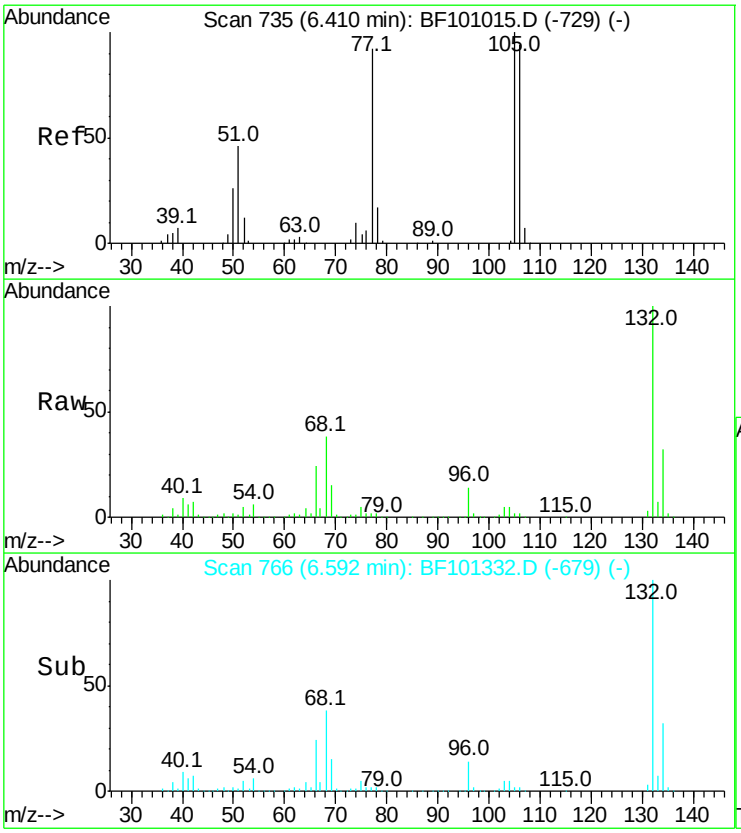
#7
Phenol-d6
Concen: 66.972 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 243260

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.6	25.4	38.0

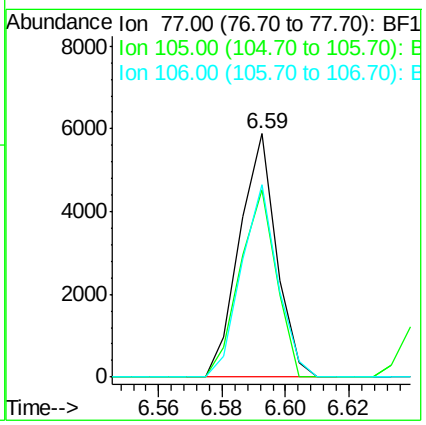


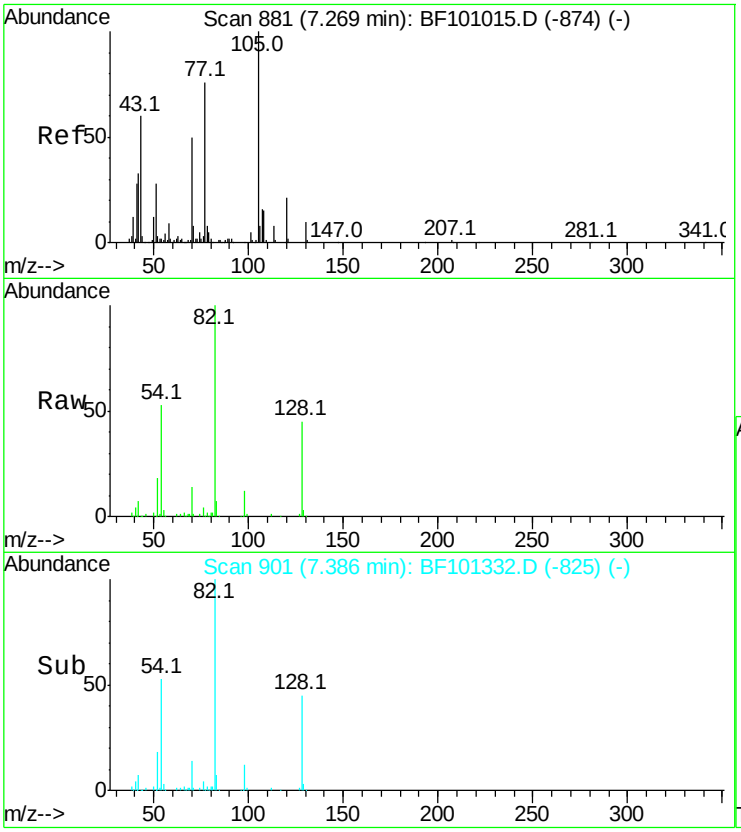


#9
Benzaldehyde
Concen: 2.132 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.21 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion: 77 Resp: 4740

Ion	Ratio	Lower	Upper
77	100		
105	76.9	81.1	121.1#
106	79.2	74.5	114.5



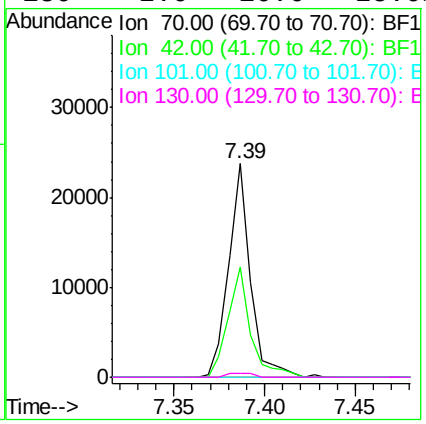


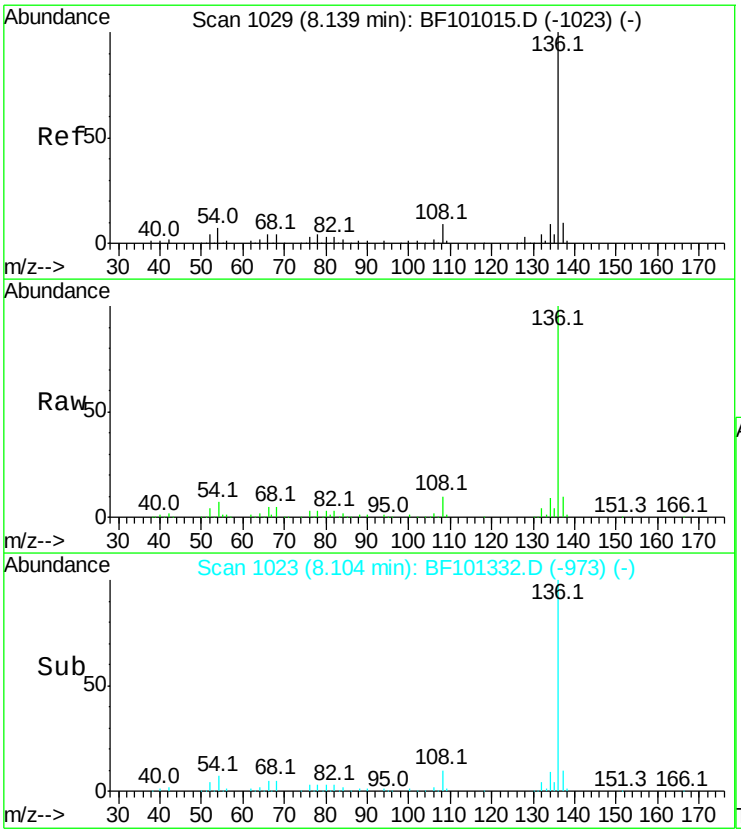
#19
n-Nitroso-di-n-propylamine
Concen: 8.211 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 20085

Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

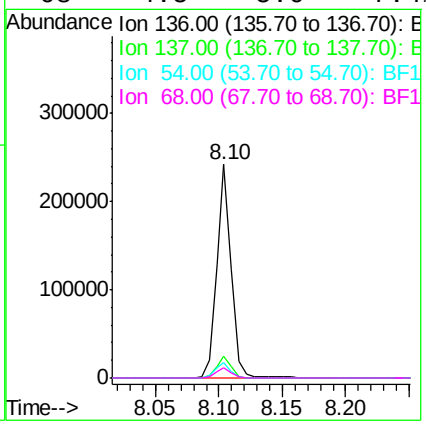


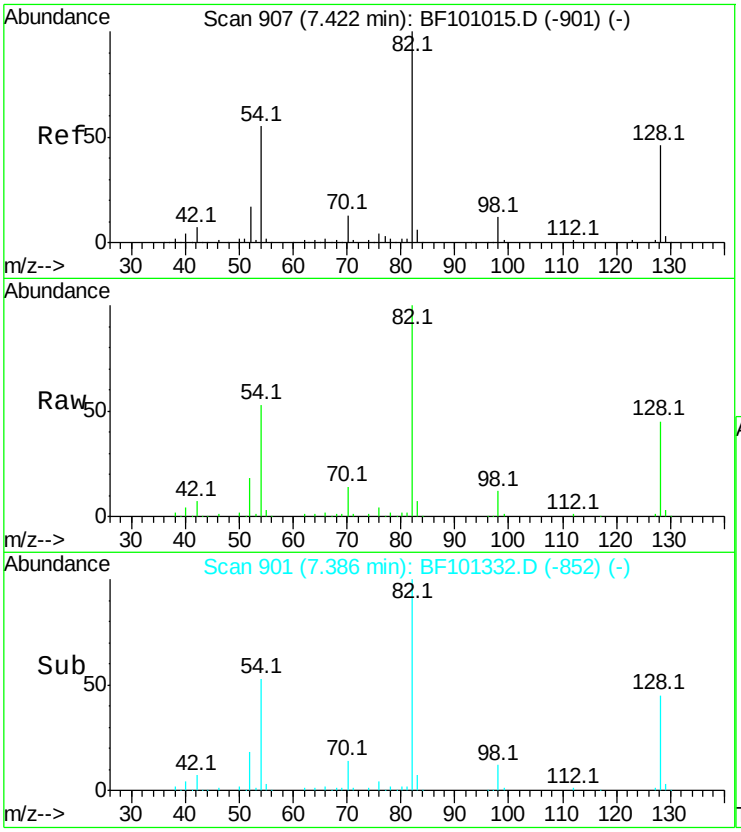


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:136 Resp: 194276

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.4	6.6	9.8
68	4.5	5.0	7.4#



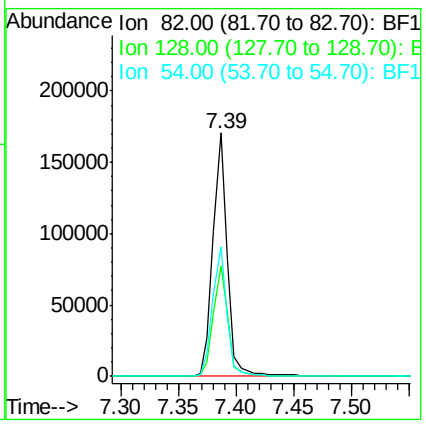


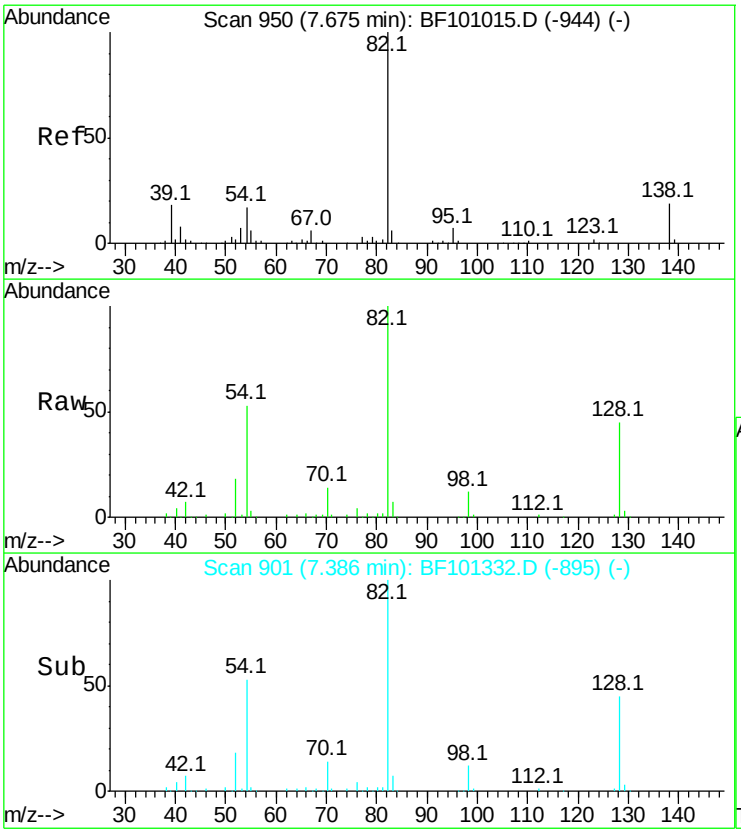
#23
Nitrobenzene-d5
Concen: 45.230 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 147303

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	53.4	41.4	62.2

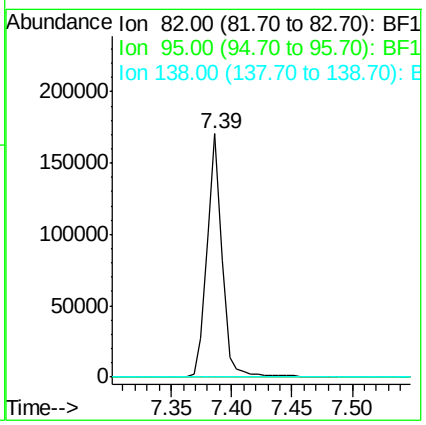


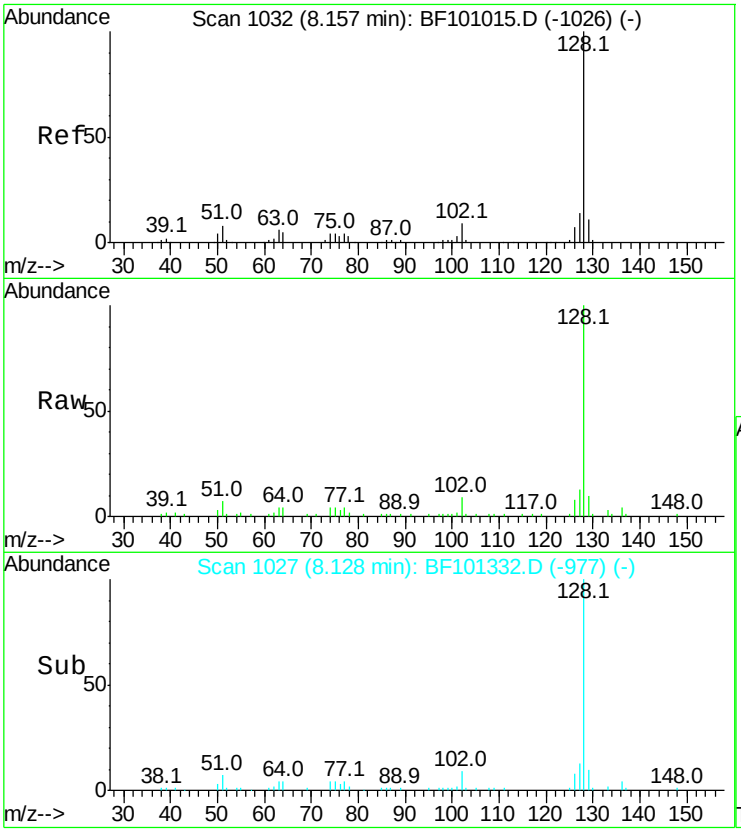


#25
Isophorone
Concen: 26.479 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion: 82 Resp: 147302

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



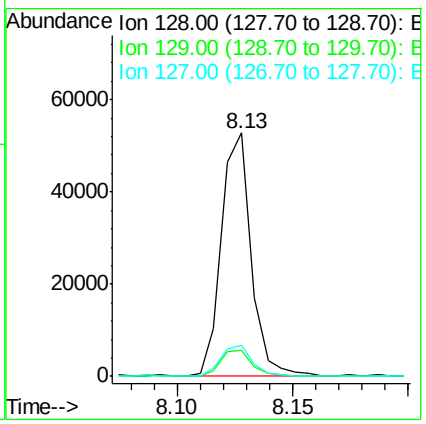


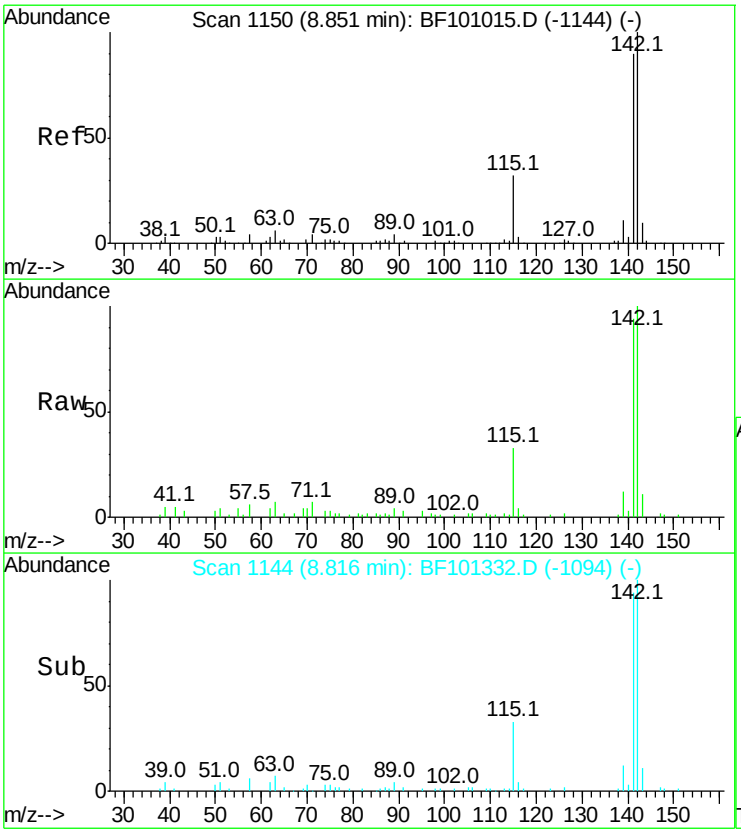
#31
Naphthalene
Concen: 4.930 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 47204

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.7	10.9	16.3

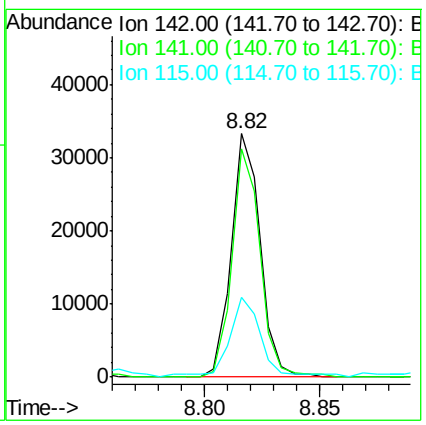


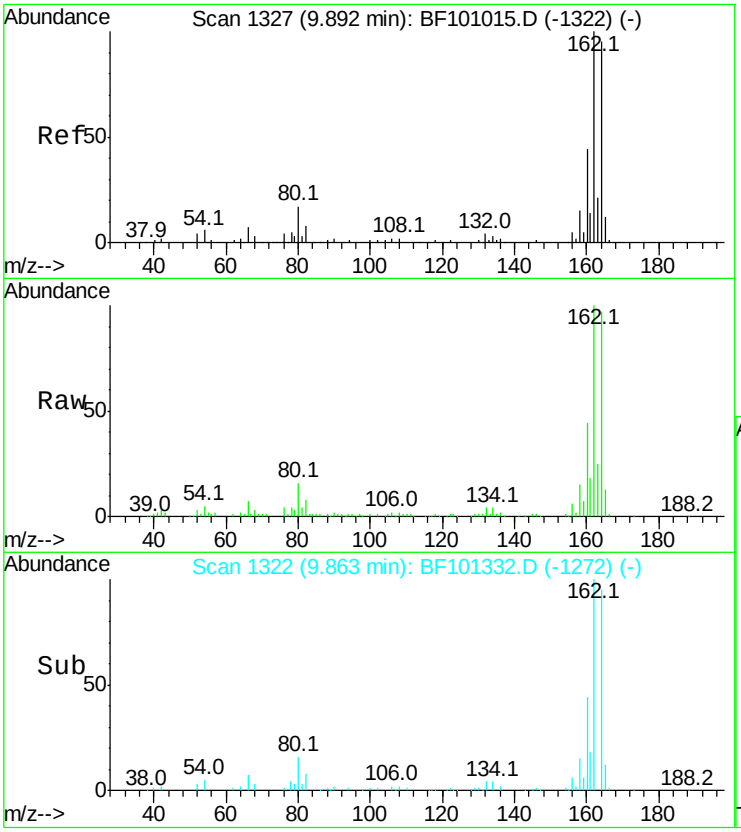


#37
2-Methylnaphthalene
Concen: 4.467 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:142 Resp: 29060

Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.8	106.2
115	32.8	26.1	39.1



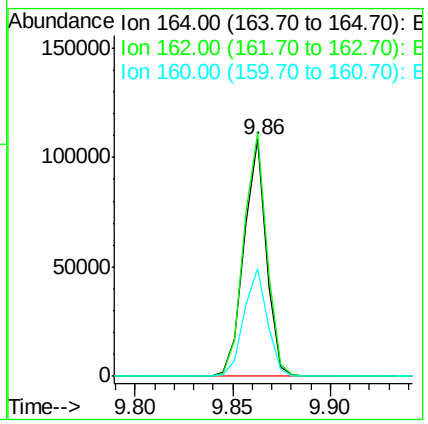


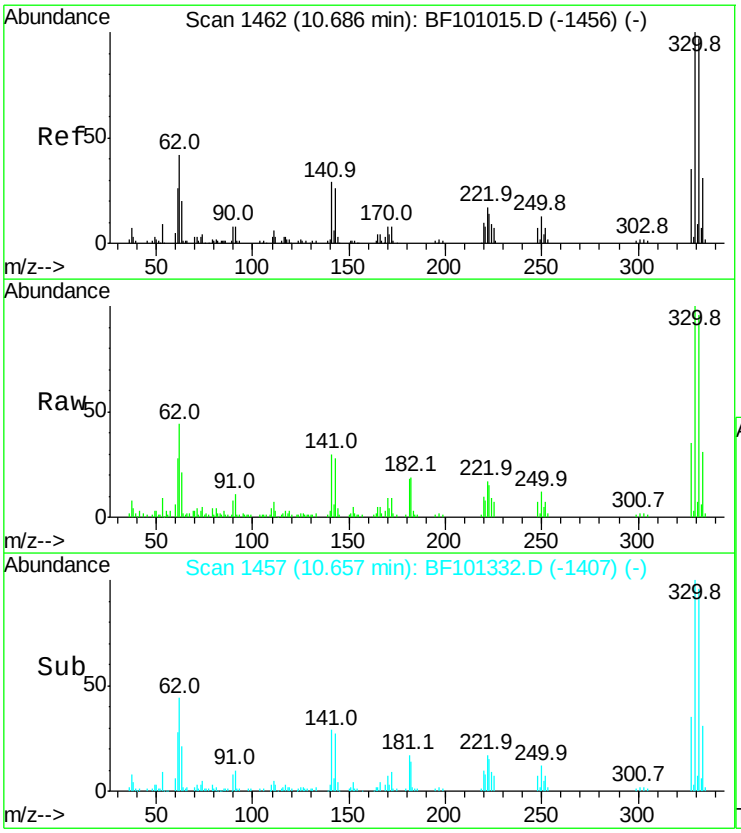
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 86219

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.4	38.3	57.5

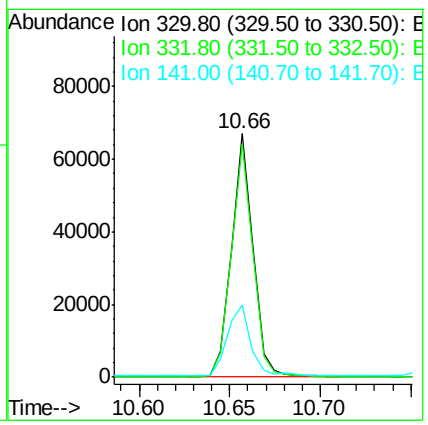


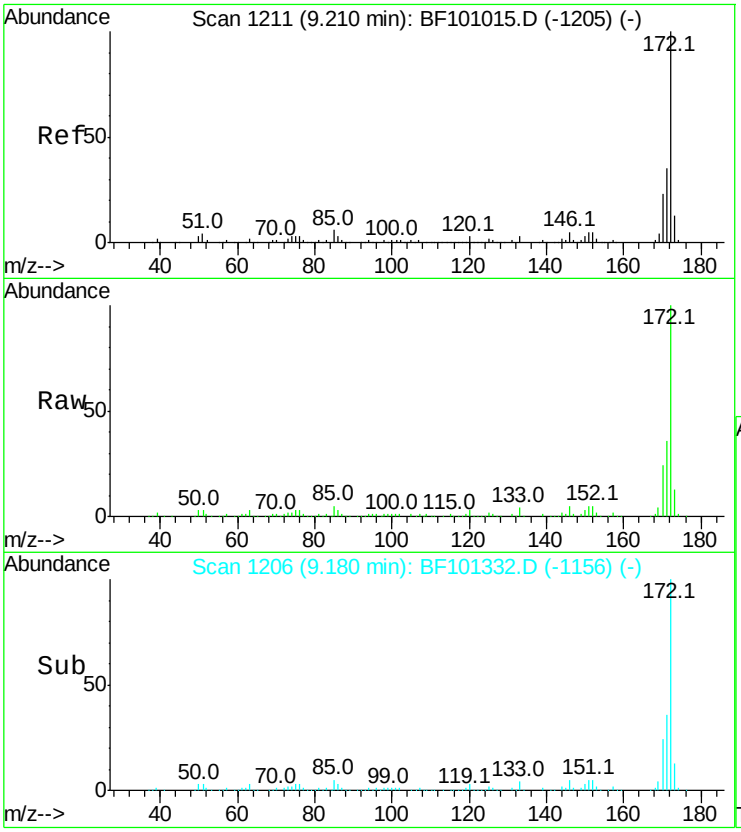


#41
2,4,6-Tribromophenol
Concen: 54.111 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:330 Resp: 56045

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.1	29.9	44.9



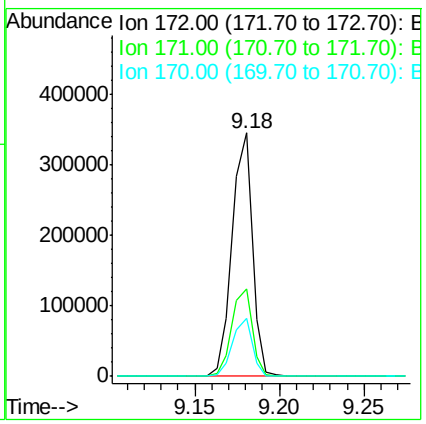


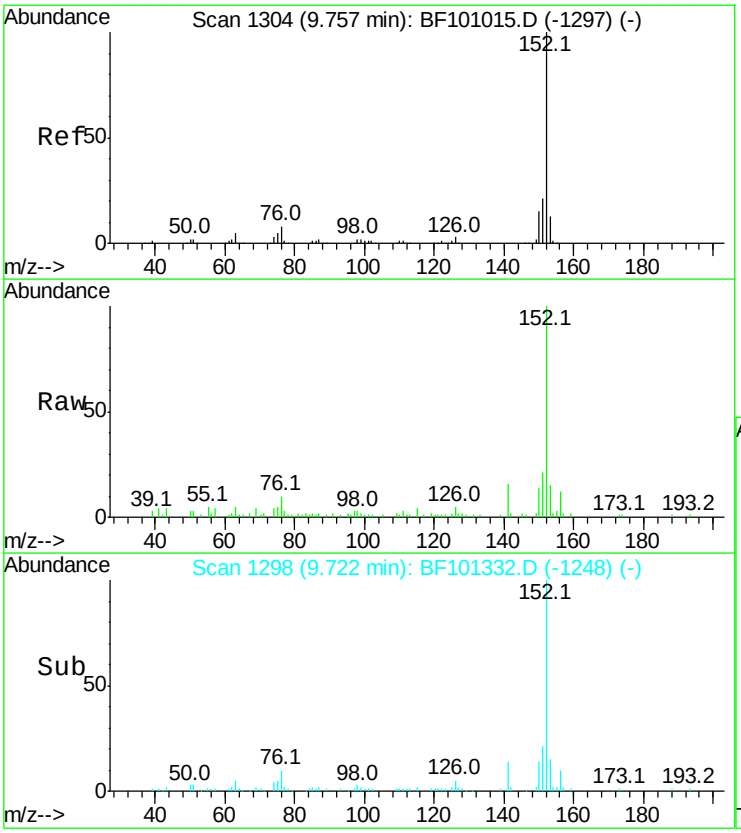
#44
2-Fluorobiphenyl
Concen: 45.709 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 288044

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

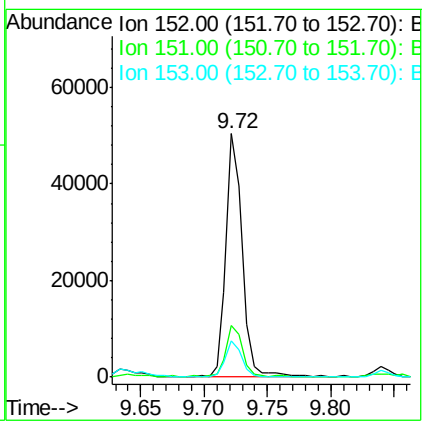


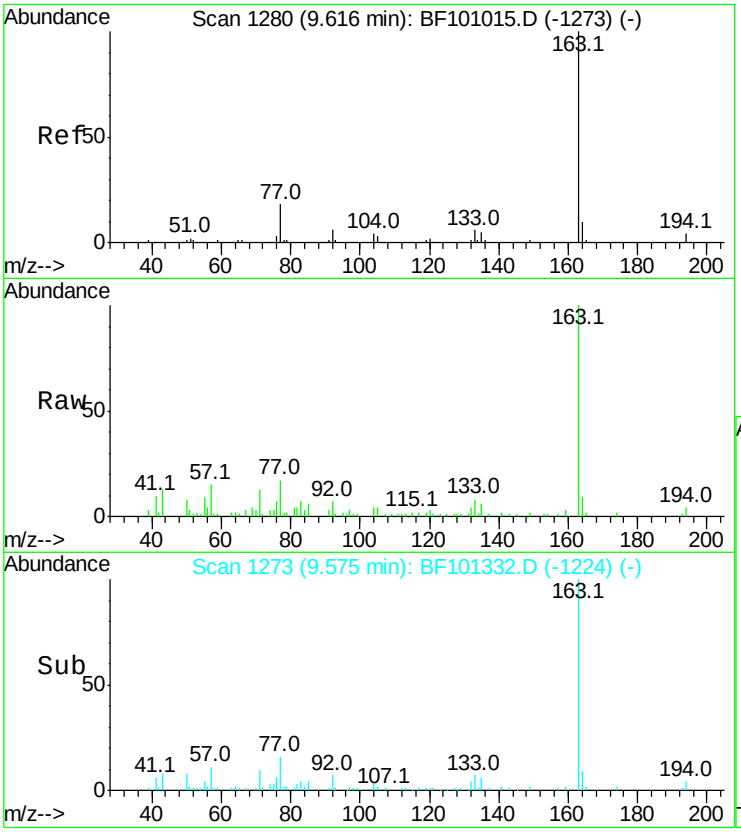


#48
Acenaphthylene
Concen: 4.895 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:152 Resp: 45132

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.8	10.7	16.1



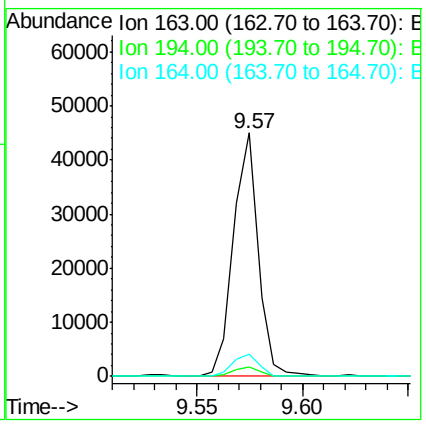


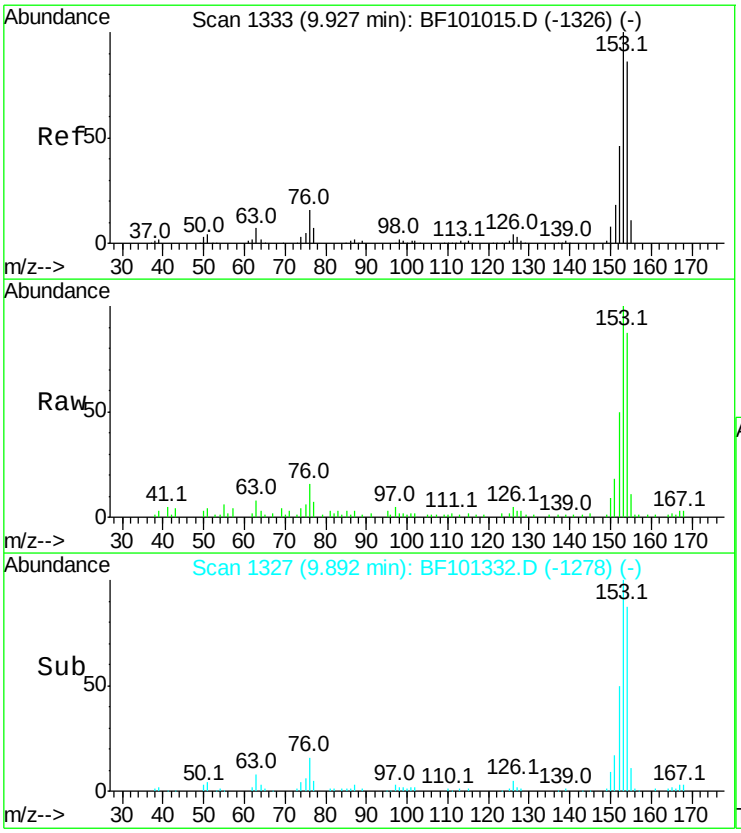
#49
Dimethylphthalate
Concen: 5.233 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 36387

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.2	8.2	12.2

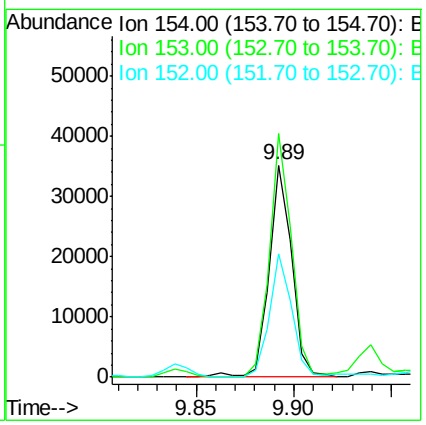


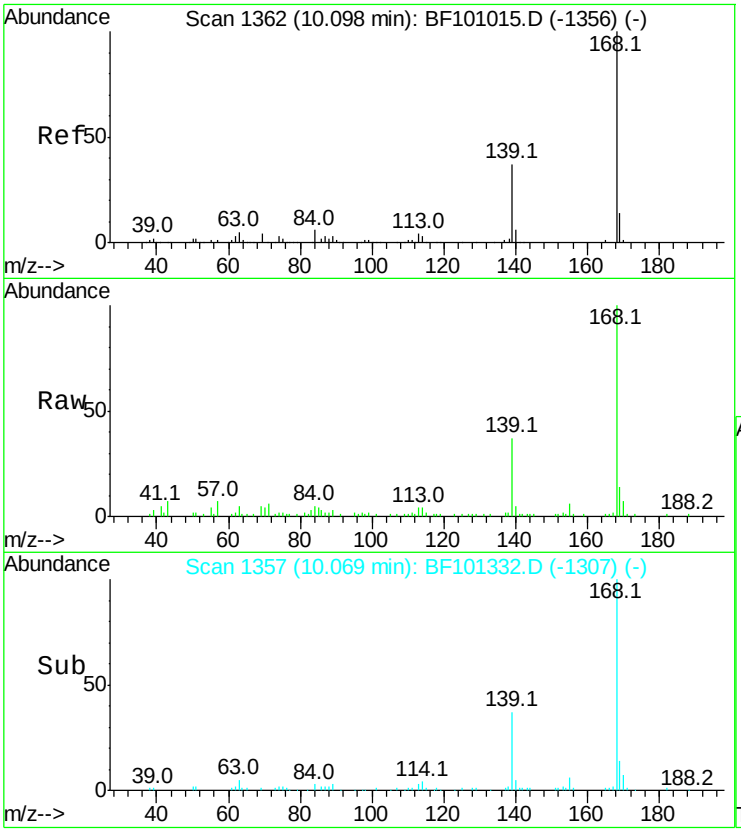


#51
Acenaphthene
Concen: 5.128 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:154 Resp: 28308

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	57.9	43.8	65.8



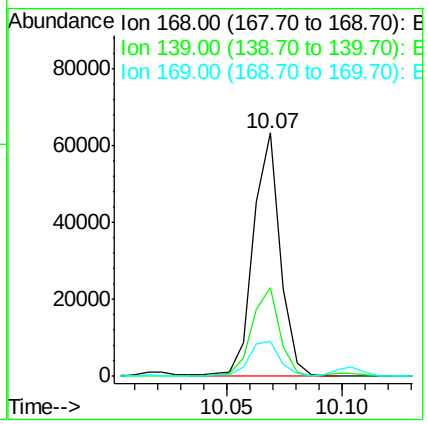


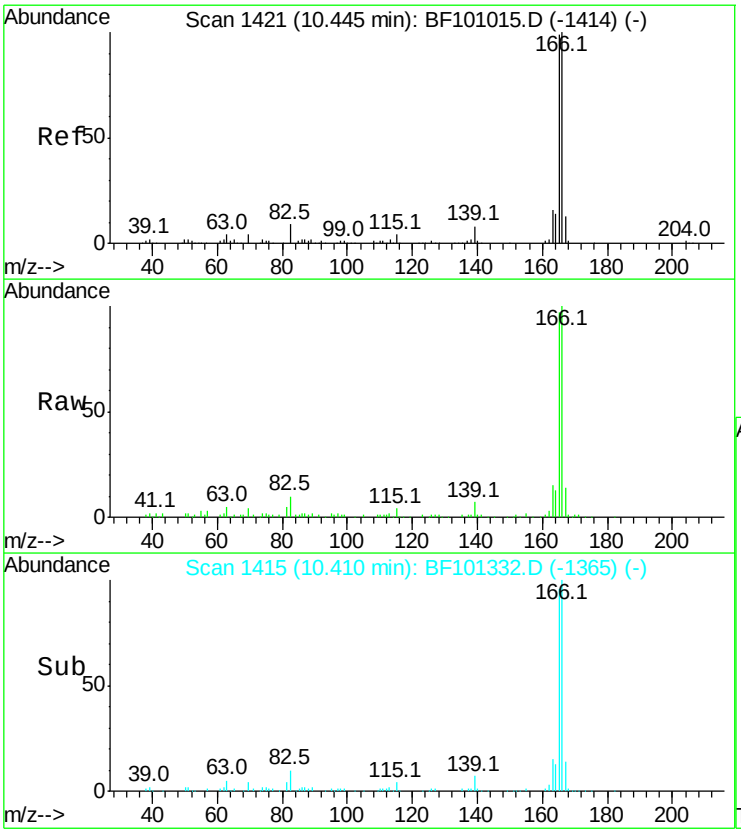
#54
Dibenzofuran
Concen: 6.490 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 51629

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.1	45.1
169	14.2	10.9	16.3

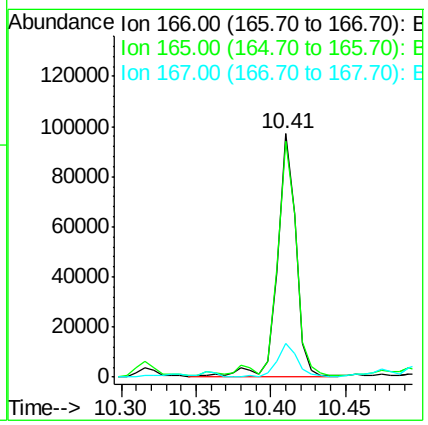


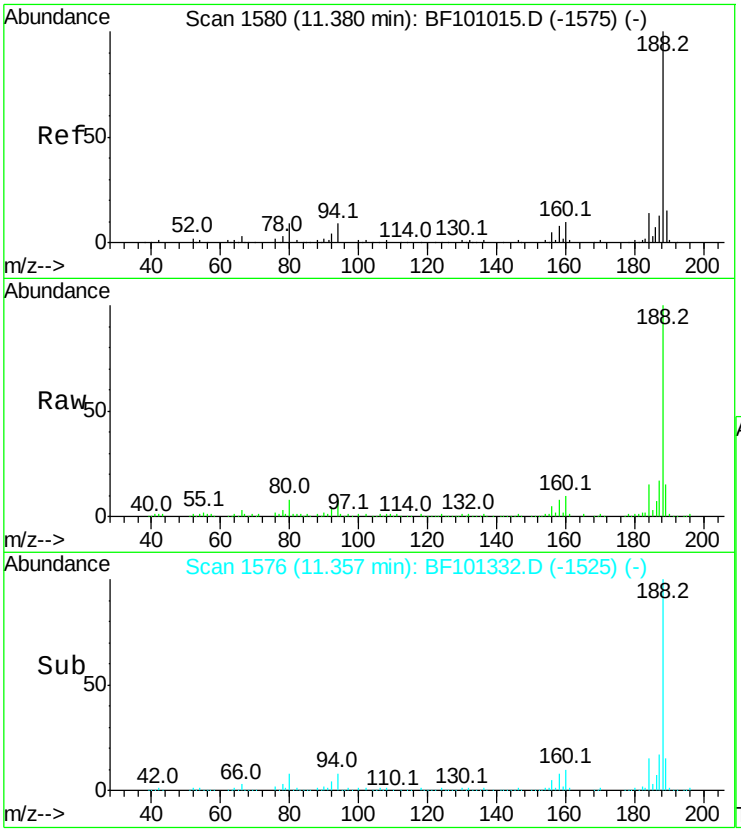


#57
Fluorene
Concen: 12.832 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:166 Resp: 82986

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	13.7	10.6	16.0



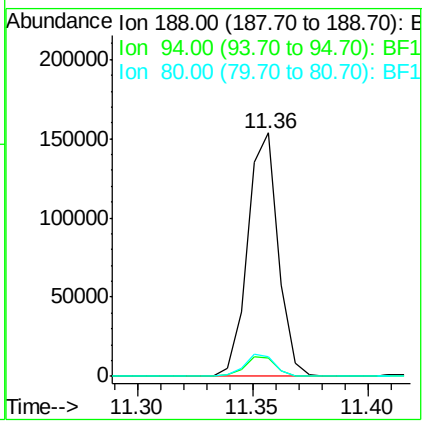


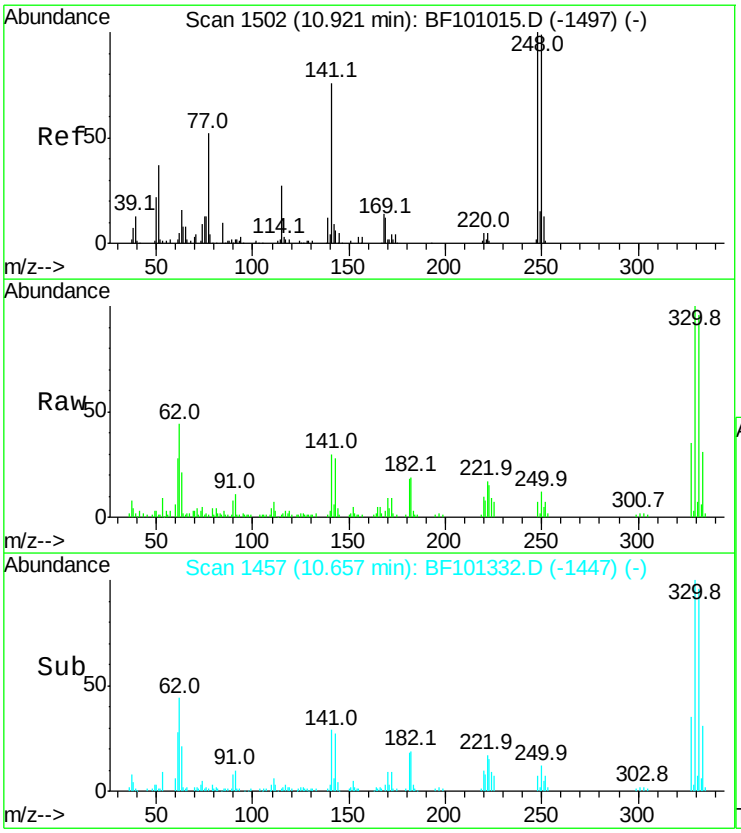
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 141810

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.3	9.2	13.8#

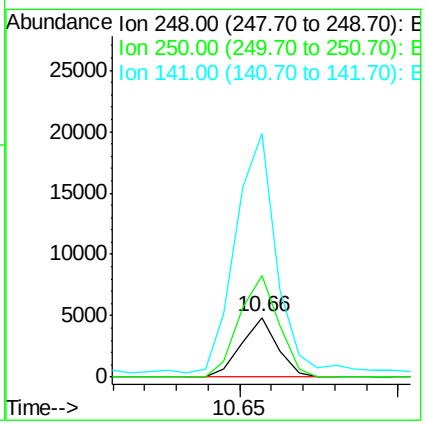


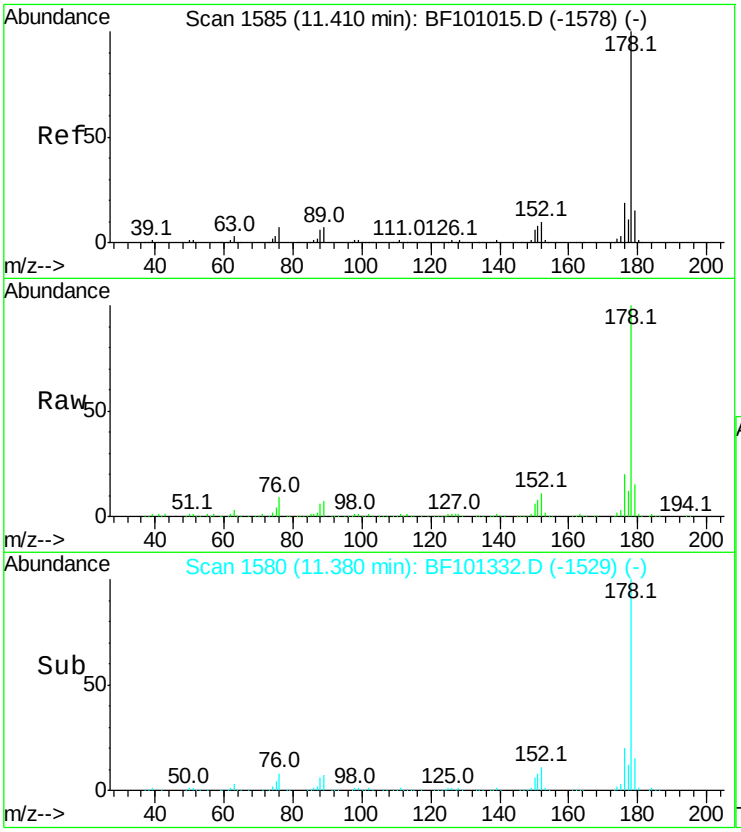


#66
4-Bromophenyl-phenylether
Concen: 2.408 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:248 Resp: 3823

Ion	Ratio	Lower	Upper
248	100		
250	170.6	76.9	115.3#
141	406.6	74.4	111.6#



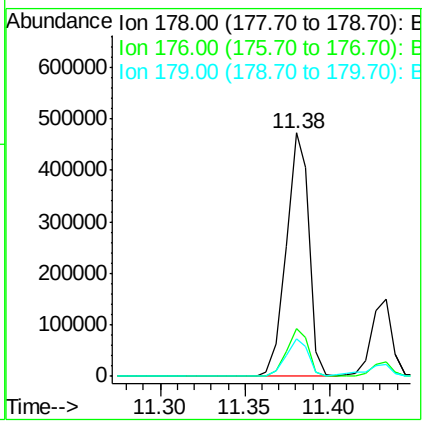


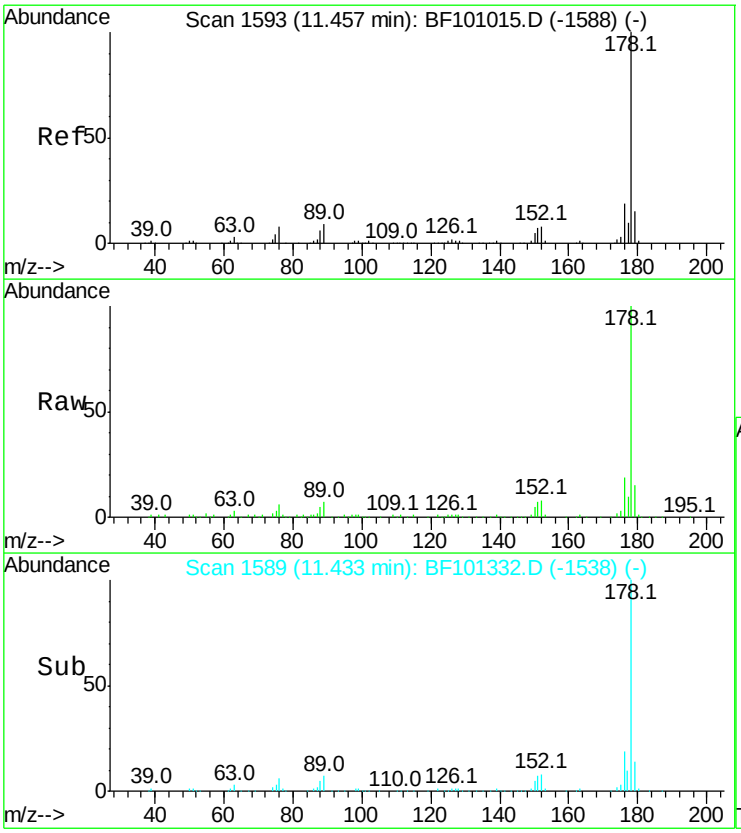
#70
Phenanthrene
Concen: 56.785 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 443455

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6

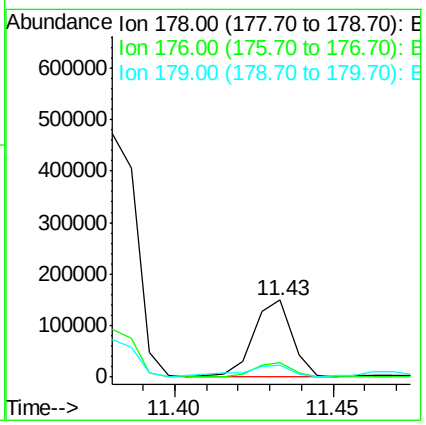


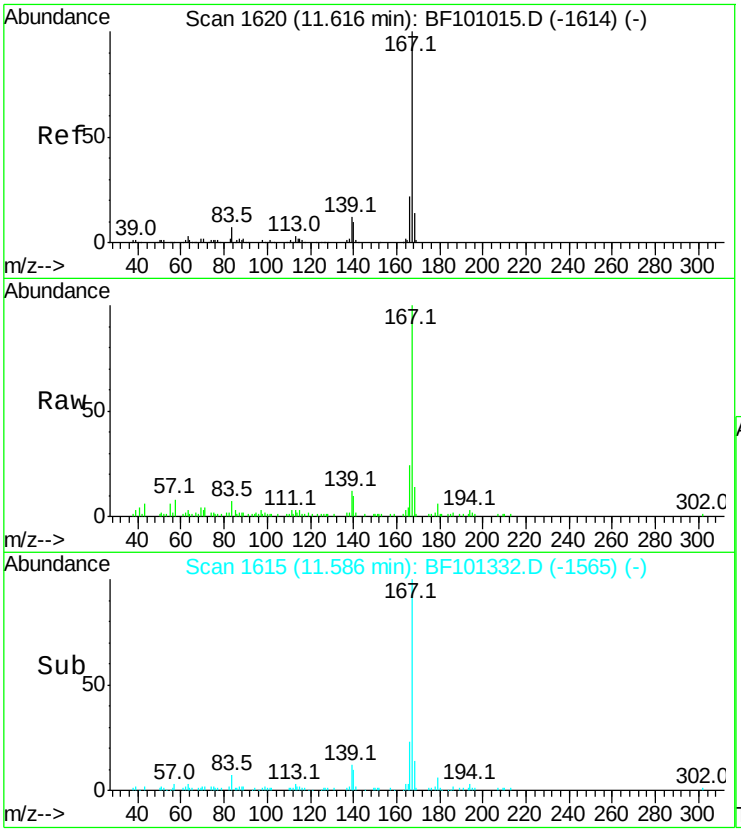


#71
Anthracene
Concen: 15.799 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:178 Resp: 124876

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.7	12.6	19.0



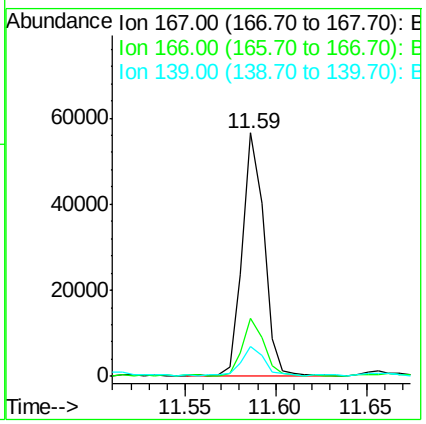


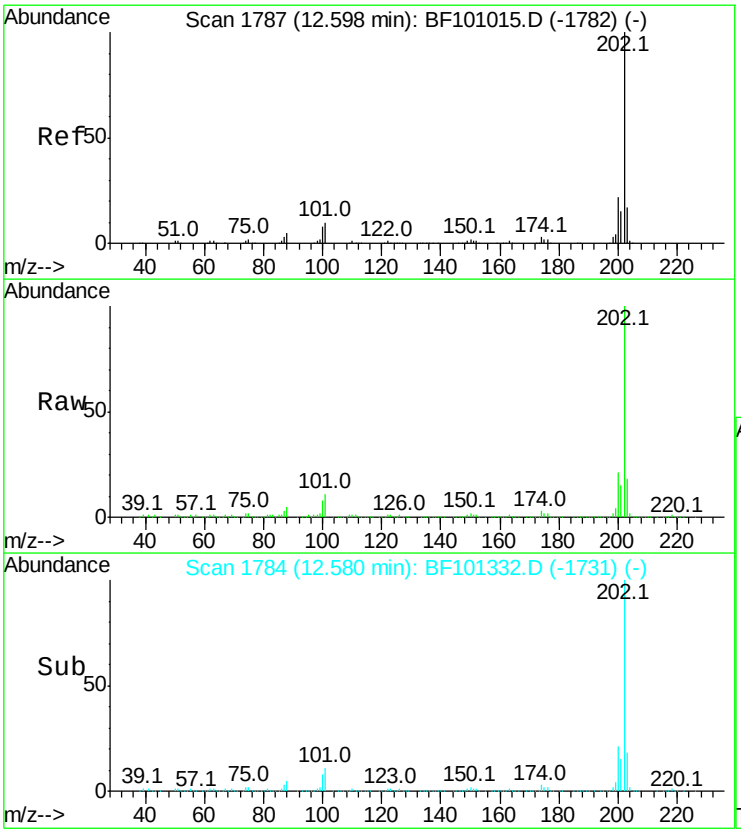
#72
Carbazole
Concen: 6.620 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 47808

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	12.4	10.9	16.3

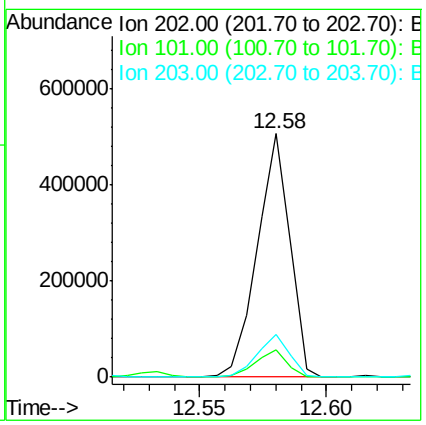


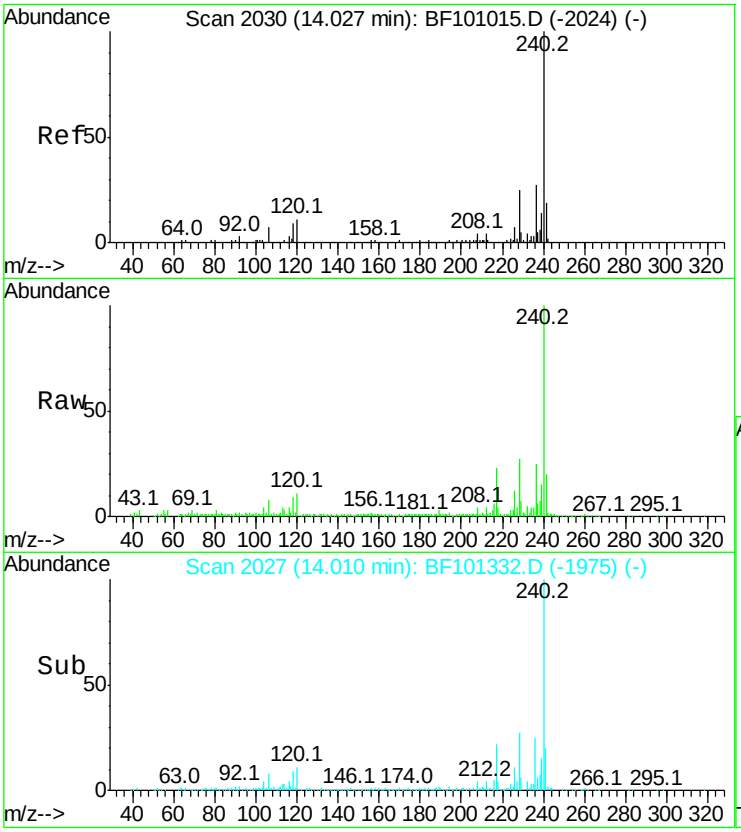


#74
Fluoranthene
Concen: 51.914 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:202 Resp: 449401

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.8	0.0	38.1



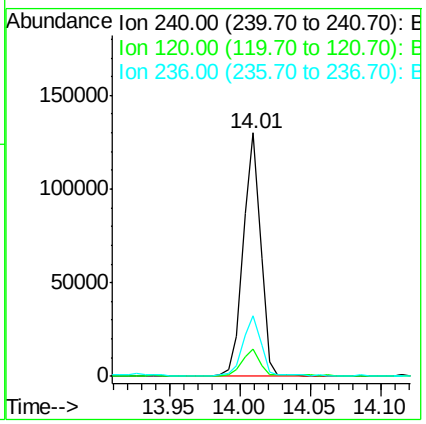


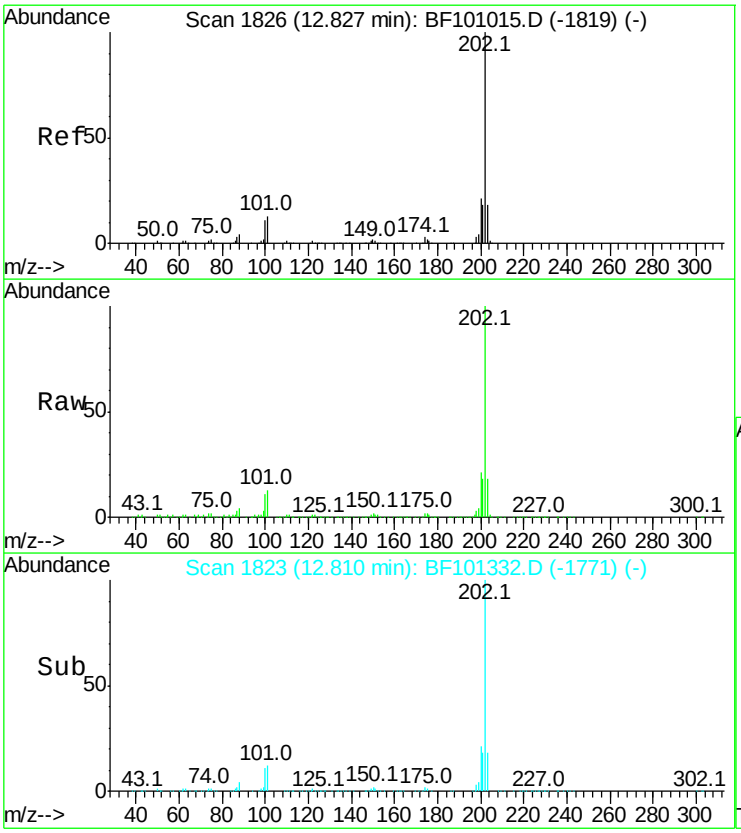
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 112812

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	24.9	20.7	31.1

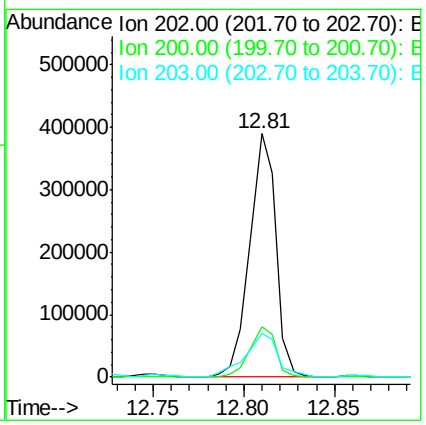


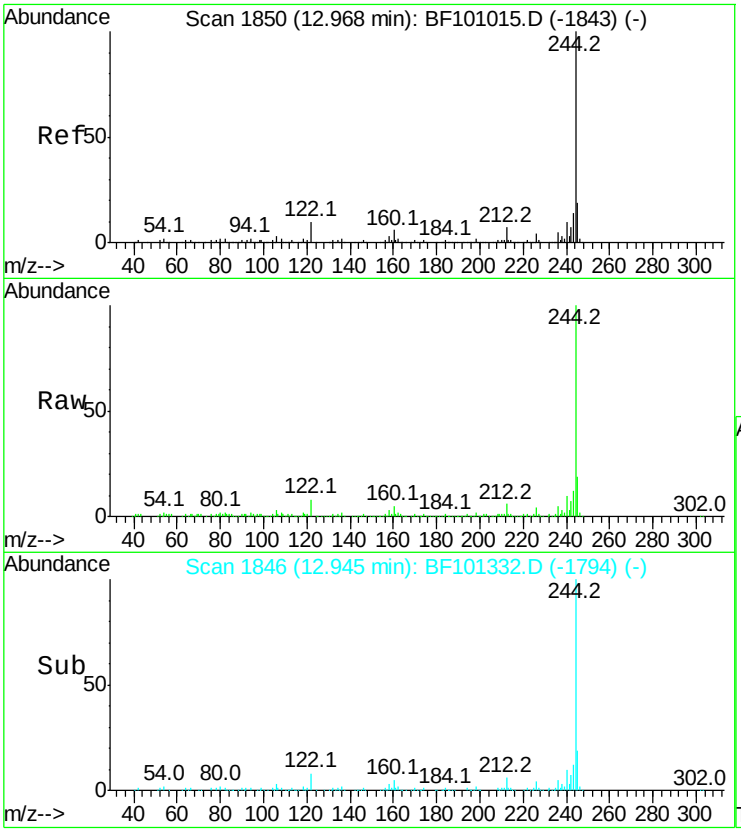


#77
Pyrene
Concen: 49.919 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:202 Resp: 388589

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.3	14.3	21.5



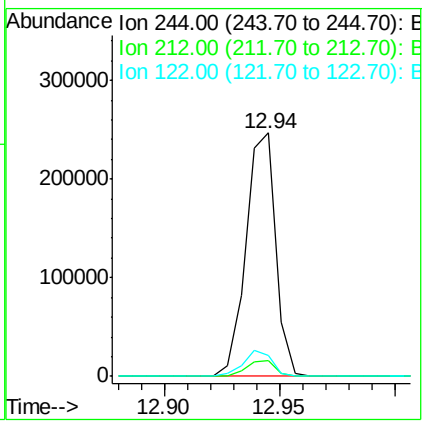


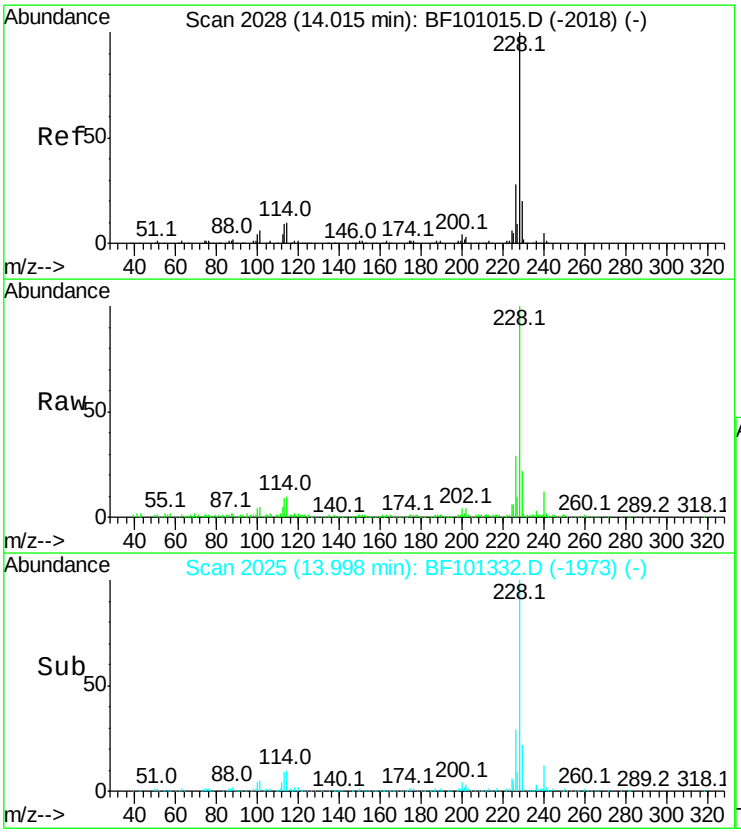
#78
Terphenyl-d14
Concen: 43.114 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 222369

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.5	11.0	16.4#

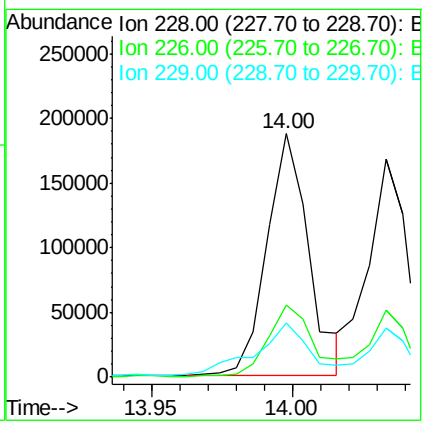


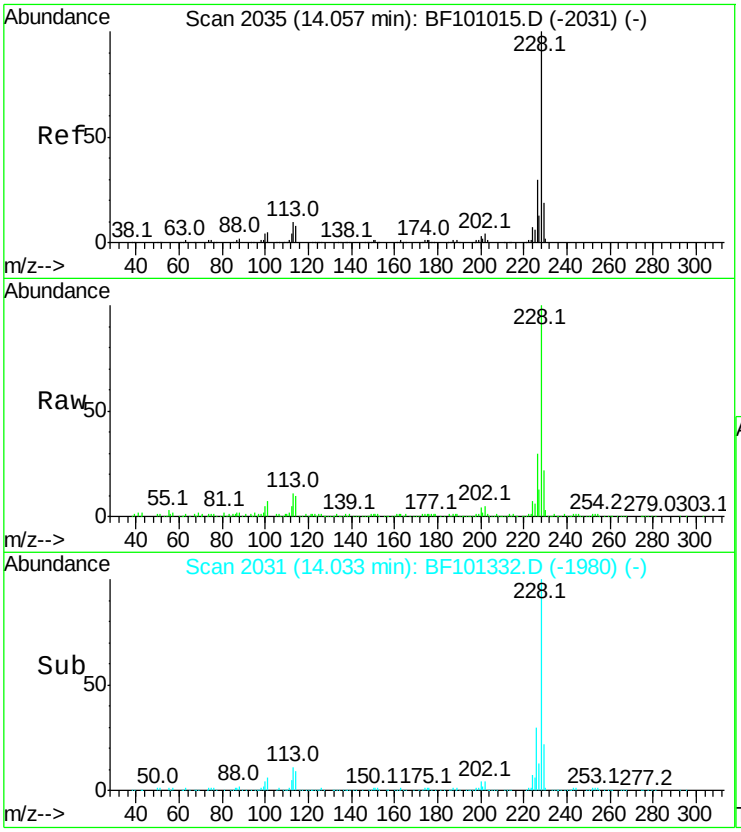


#80
Benzo(a)anthracene
Concen: 27.083 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:228 Resp: 192908

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	22.1	15.8	23.6



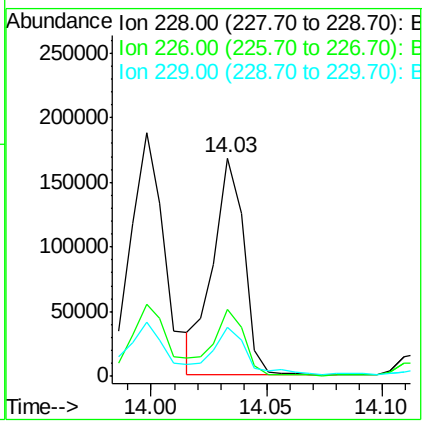


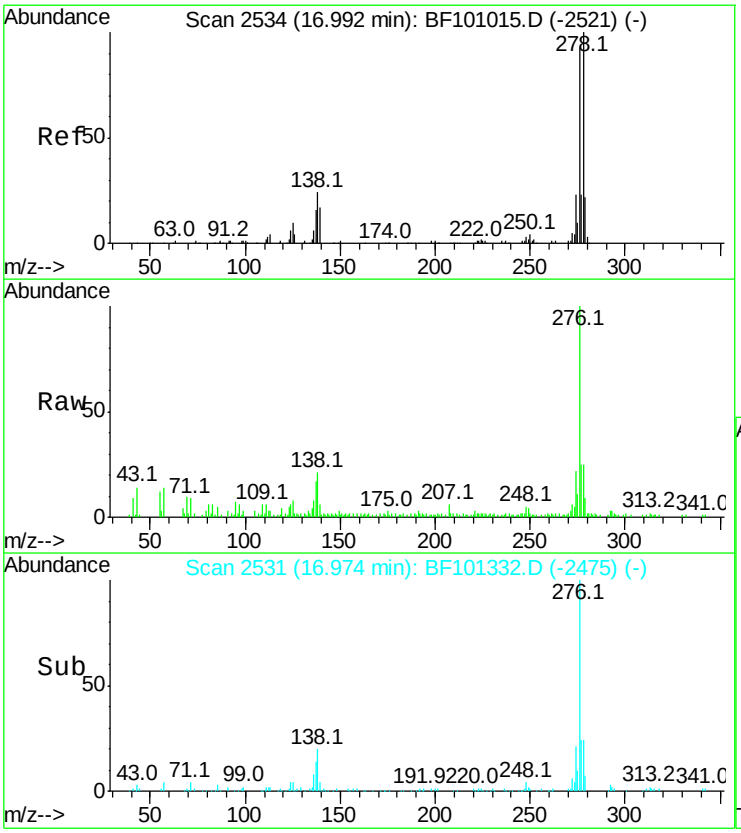
#82
Chrysene
Concen: 23.805 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 157474

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.4	16.2	24.4

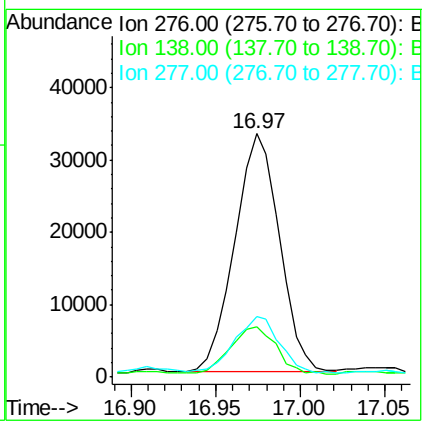


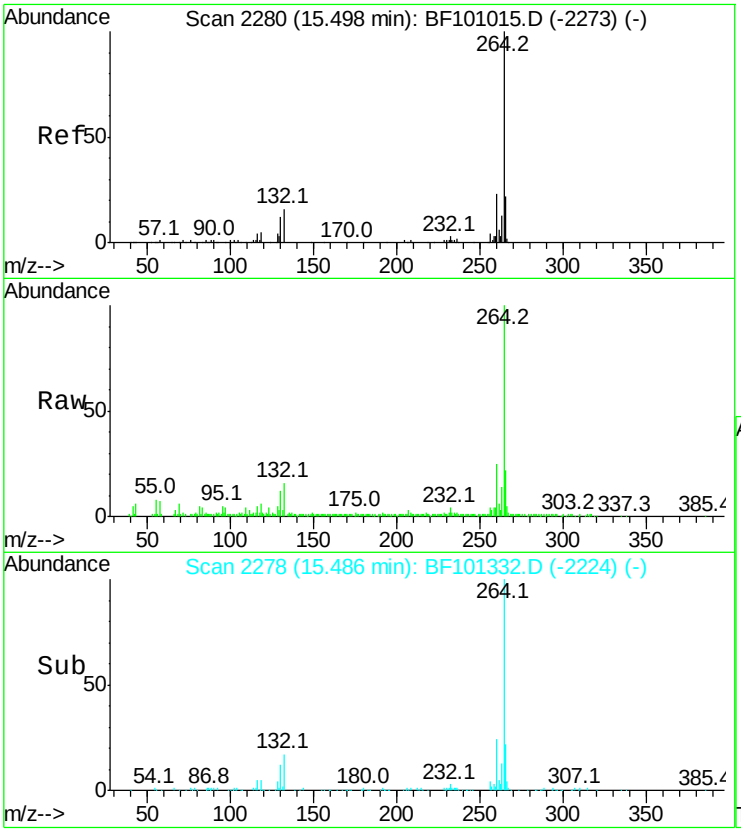


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.293 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.03 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:276 Resp: 60532

Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	24.0	20.1	30.1



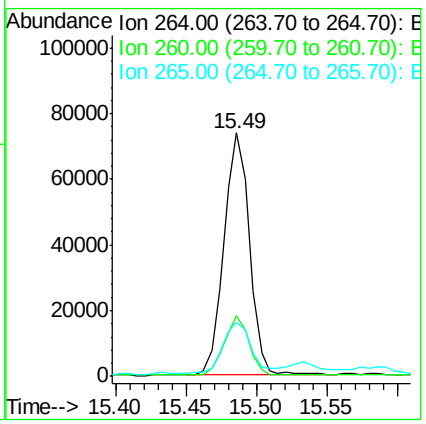


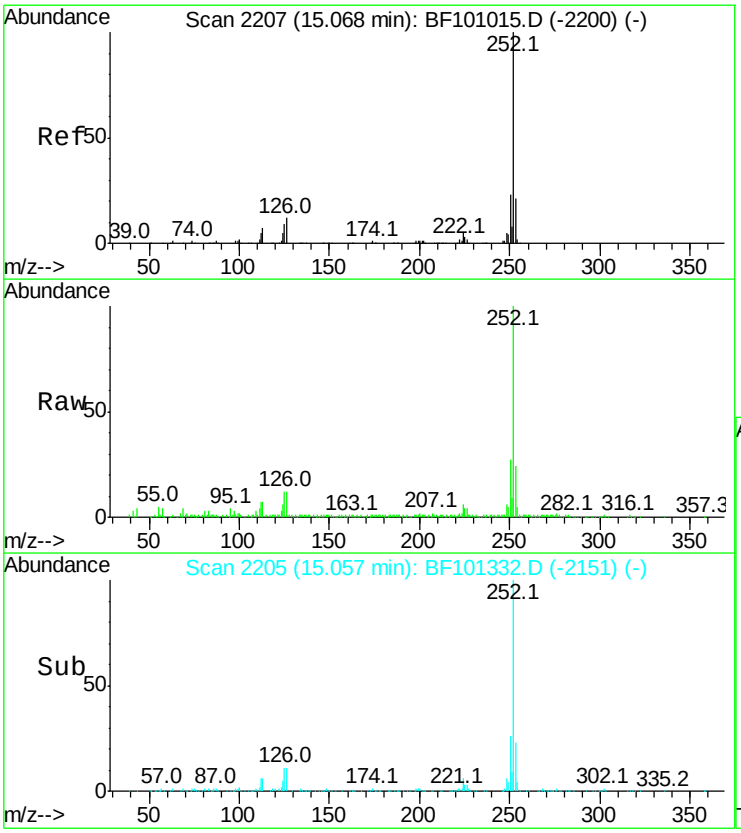
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 92635

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.3	17.5	26.3

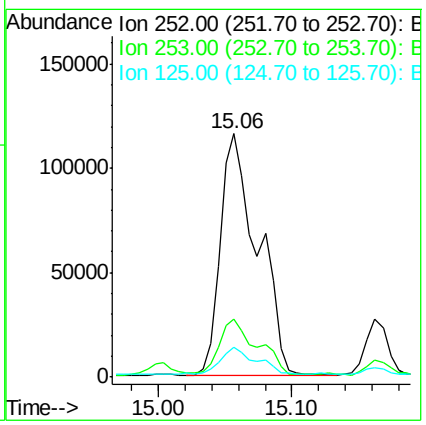


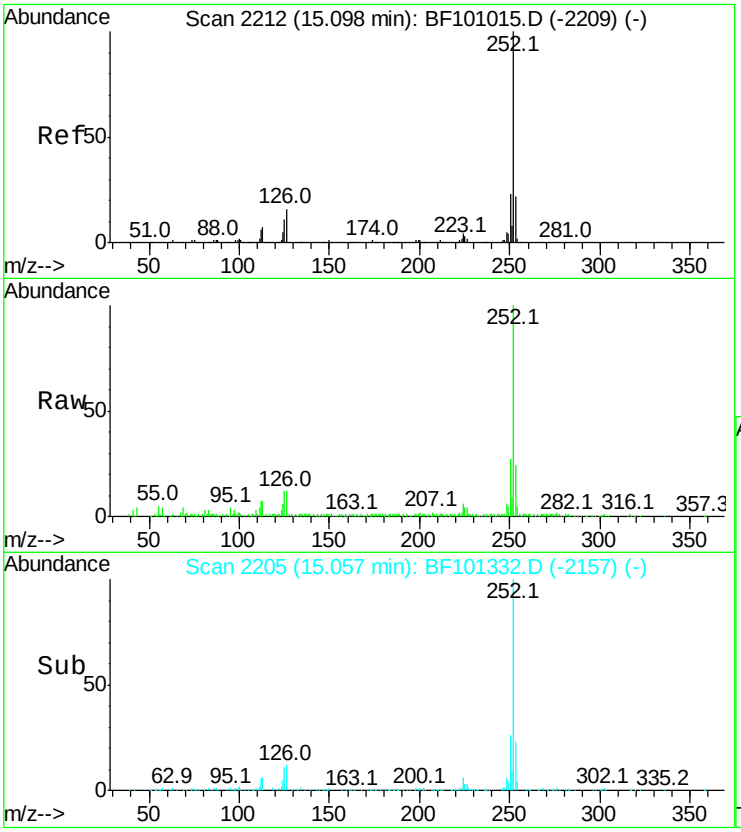


#87
Benzo(b)fluoranthene
Concen: 40.939 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:252 Resp: 227154

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	12.0	9.0	13.6



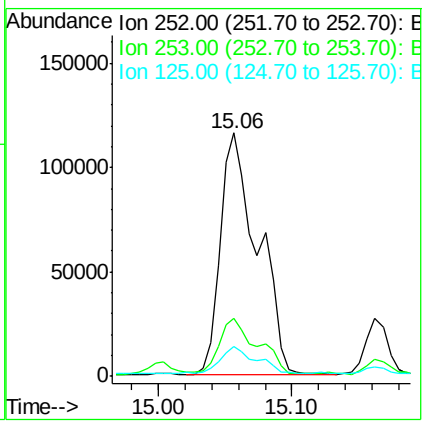


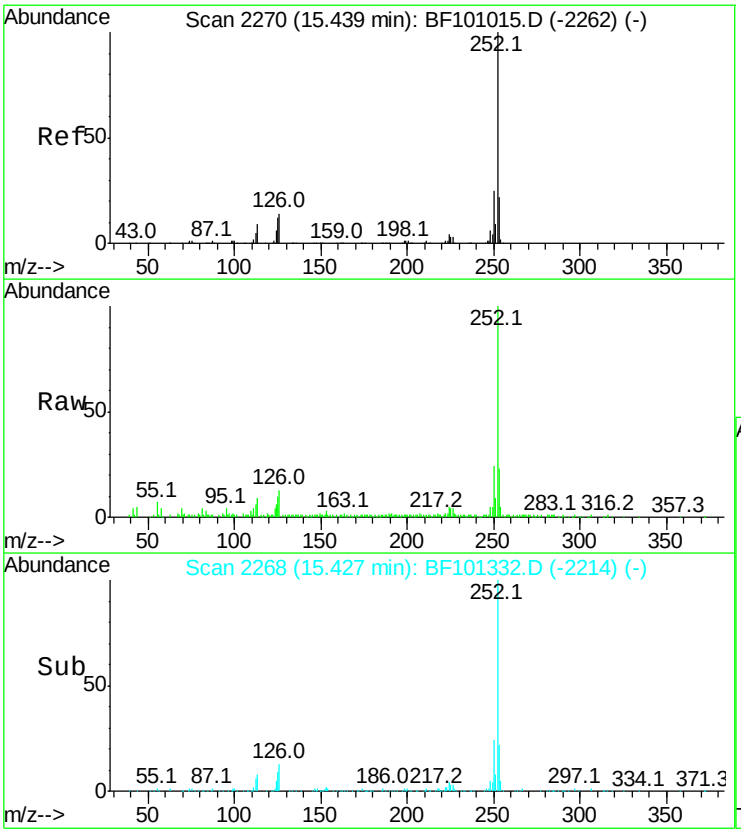
#88
Benzo(k)fluoranthene
Concen: 41.553 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 227154

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	12.0	10.2	15.2

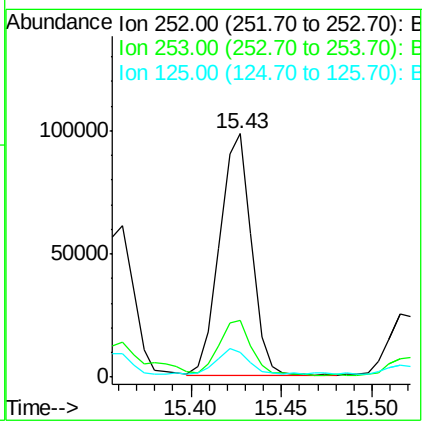


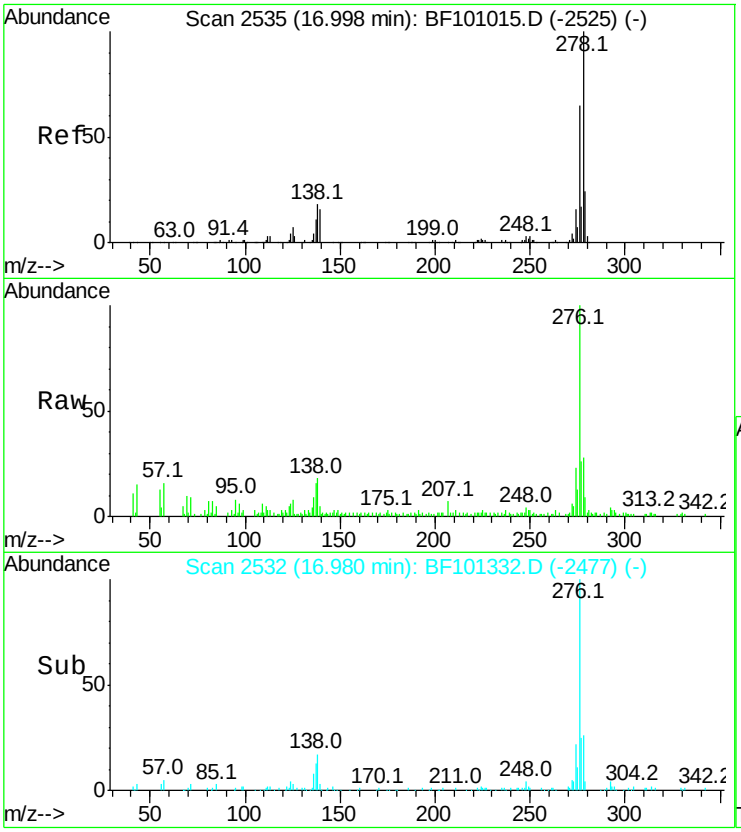


#89
Benzo(a)pyrene
Concen: 23.864 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:252 Resp: 120378

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.2	9.8	14.6



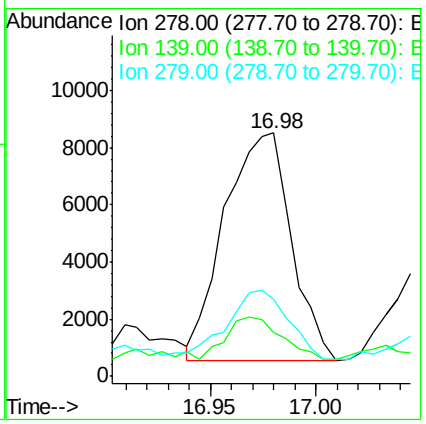


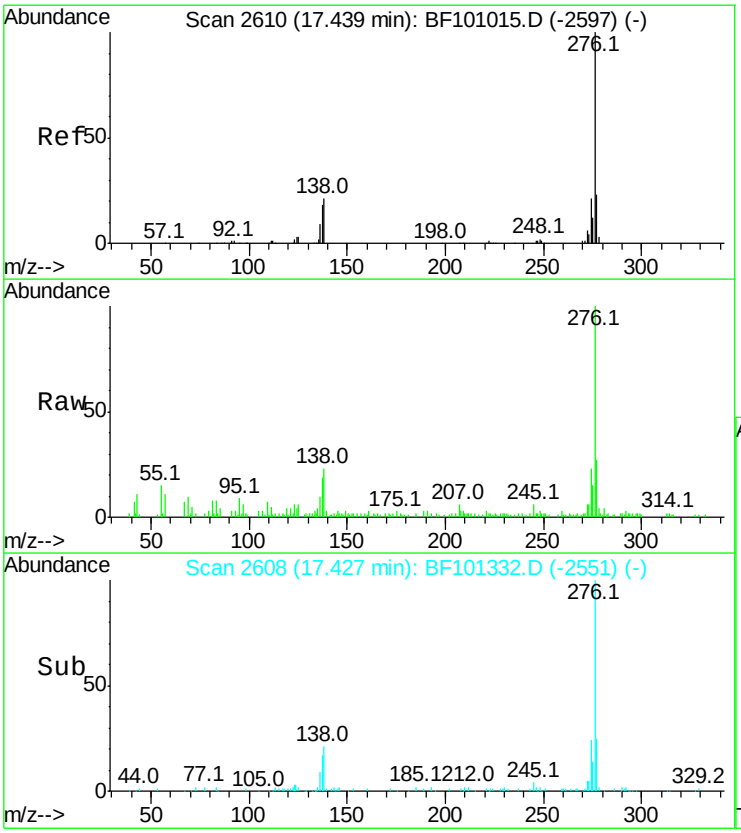
#90
Dibenzo(a,h)anthracene
Concen: 3.931 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 17483

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	31.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 13.810 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101332.D
Acq: 12 Dec 2017 16:22

Tgt Ion:276 Resp: 57877

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	23.0	21.8	32.8