Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102565.D
Acq On : 28 Jan 2018 18:49
Operator : SJ/JU
Sample : J1290-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 29 03:17:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152990	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	630860	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	271053	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	435267	20.00	ng		0.00
75) Chrysene-d12	13.87	240	268428	20.00	ng		0.00
86) Perylene-d12	15.30	264	282379	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1051191	104.18	ng		0.00
7) Phenol-d6	6.36	99	1267740	104.22	ng		0.00
23) Nitrobenzene-d5	7.28	82	781855	71.22	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	241874	90.06	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1241491	67.35	ng		0.00
78) Terphenyl-d14	12.82	244	900301	75.61	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	21555	2.566	ng		93
10) Phenol	6.37	94	67829	5.108	ng		87
19) n-Nitroso-di-n-propylamine	7.28	70	102354	13.749	ng	#	79
25) Isophorone	7.28	82	778871	39.798	ng	#	64
31) Naphthalene	8.02	128	85215	2.705	ng		99
49) Dimethylphthalate	9.46	163	177245	7.911	ng		99
51) Acenaphthene	9.78	154	57810	3.373	ng		98
53) 2,4-Dinitrophenol	10.03	184	710	4.008	ng	#	27
54) Dibenzofuran	9.95	168	55006	2.371	ng	#	92
57) Fluorene	10.29	166	83157	4.524	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	16379	3.496	ng	#	1
70) Phenanthrene	11.26	178	565735	22.305	ng		99
71) Anthracene	11.31	178	115638	4.467	ng		98
72) Carbazole	11.47	167	72332	2.864	ng		98
74) Fluoranthene	12.45	202	618426	23.910	ng		99
77) Pyrene	12.68	202	550566	26.528	ng		99
80) Benzo(a)anthracene	13.86	228	265788	16.083	ng		99
82) Chrysene	13.90	228	248929	14.833	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	112903	8.146	ng		99
87) Benzo(b)fluoranthene	14.89	252	402067	21.968	ng	#	95
88) Benzo(k)fluoranthene	14.89	252	402067	23.252	ng		98
89) Benzo(a)pyrene	15.24	252	221434	13.415	ng		96
90) Dibenzo(a,h)anthracene	16.69	278	34170	2.555	ng	#	85
91) Benzo(g,h,i)perylene	17.12	276	107011	8.105	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
BNA_F
ClientSampleId :

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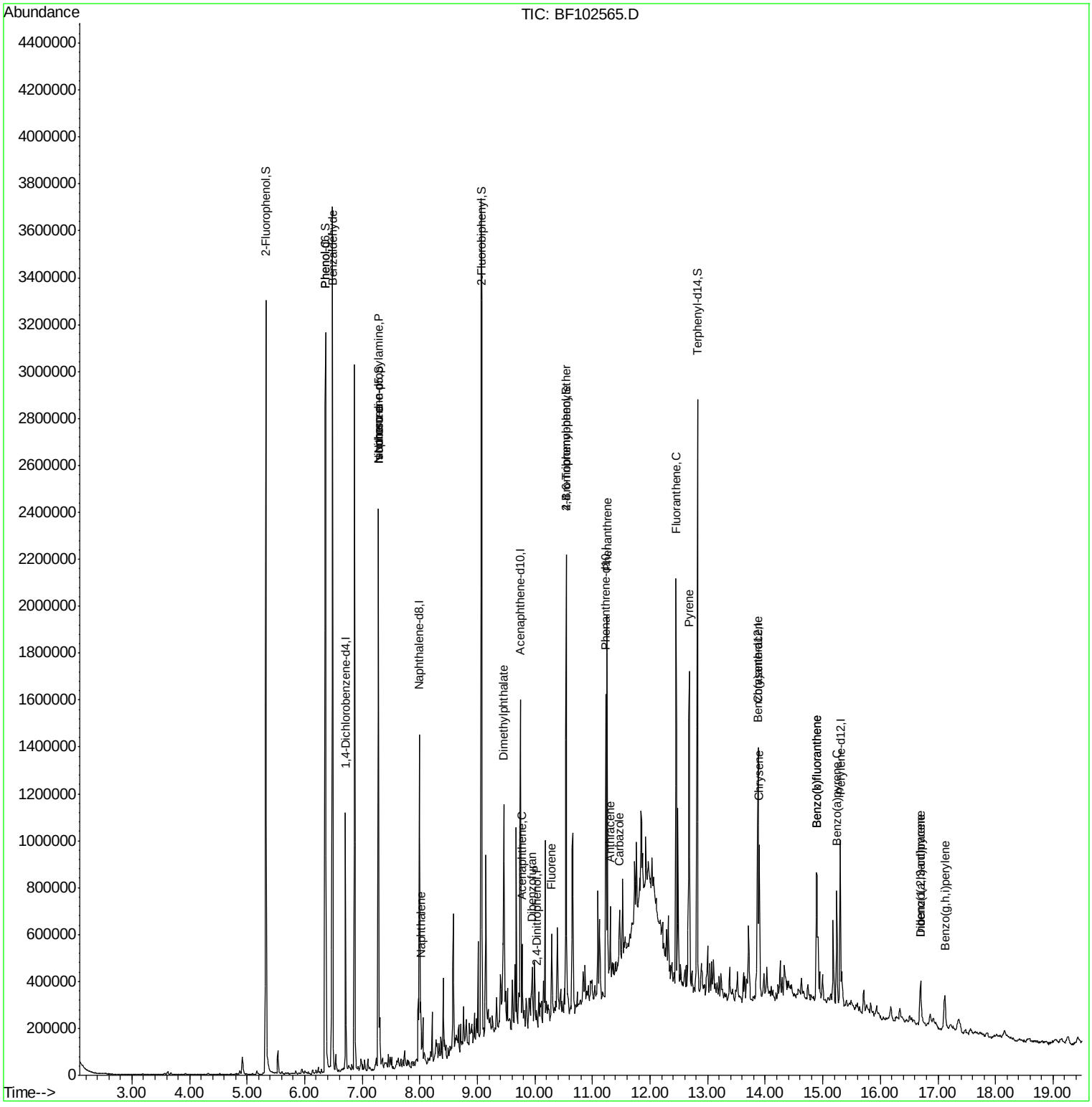
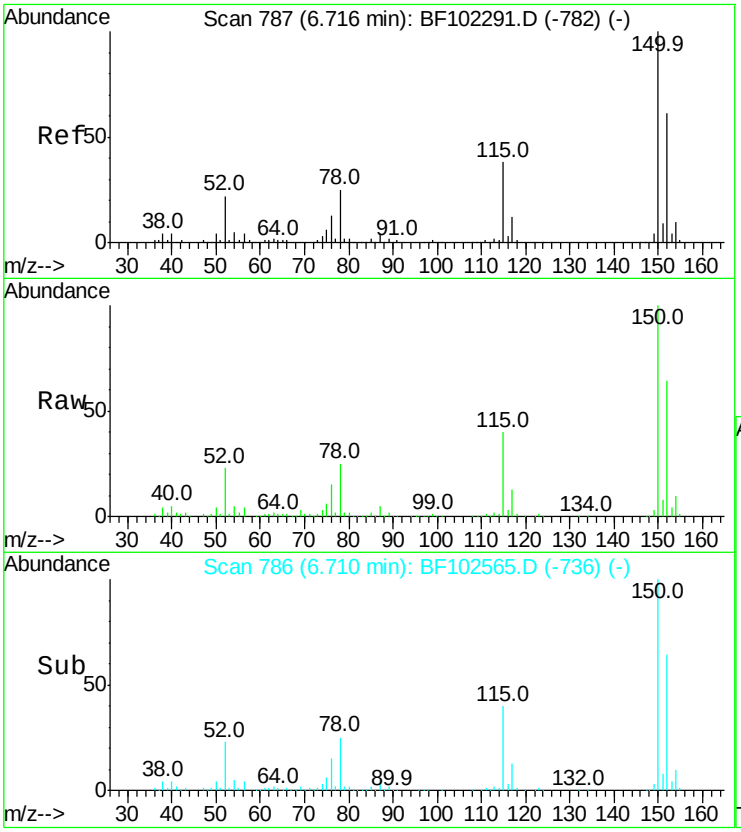


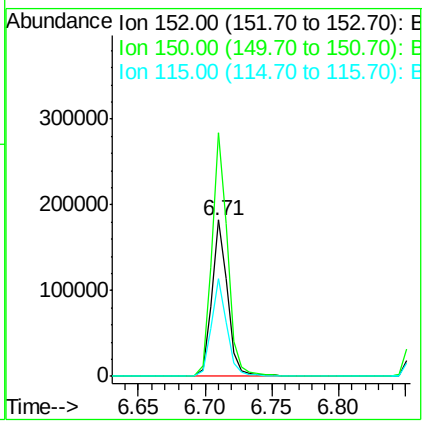


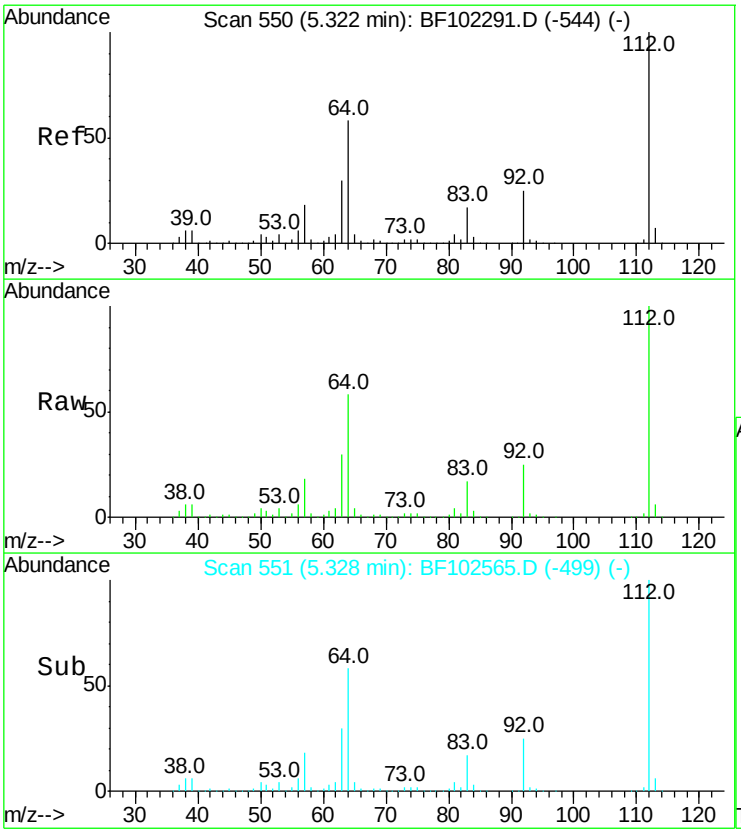
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152990

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	62.5	50.1	75.1

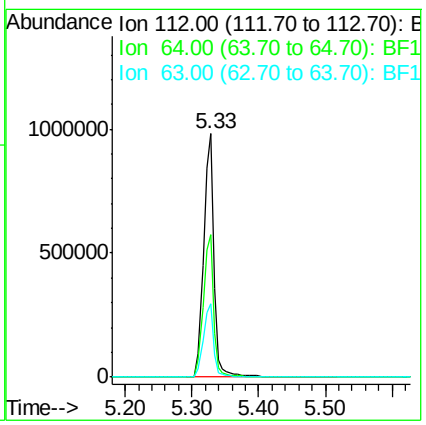


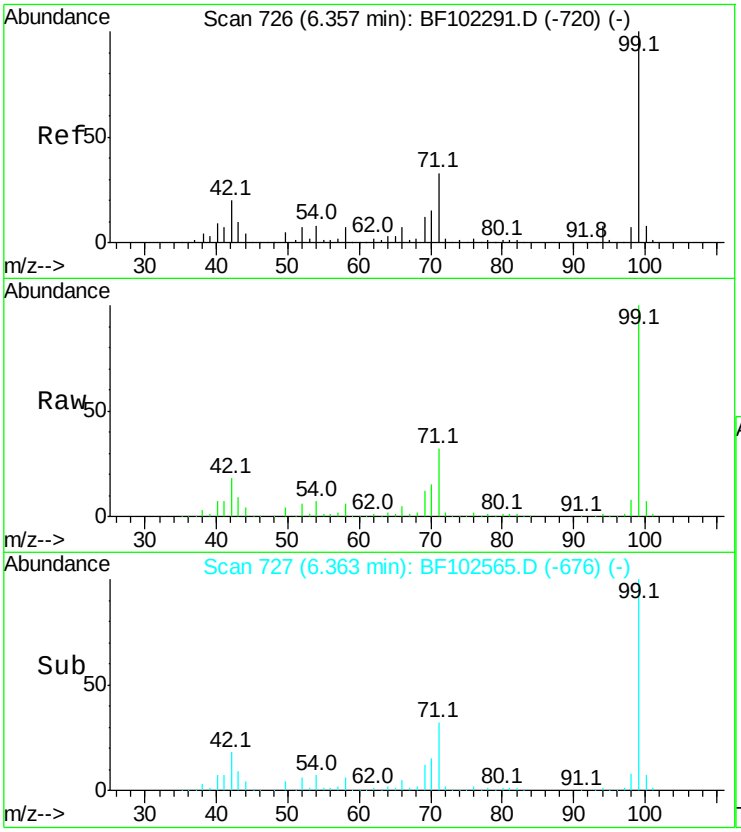


#5
2-Fluorophenol
Concen: 104.182 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:112 Resp: 1051191

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.2	23.7	35.5



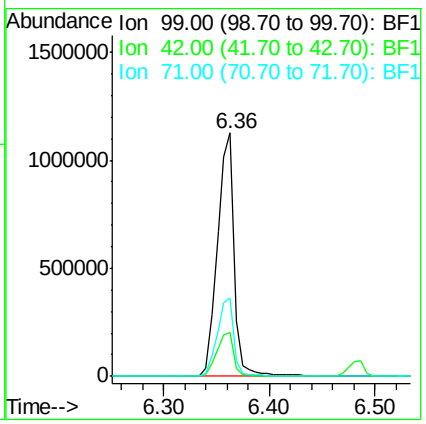


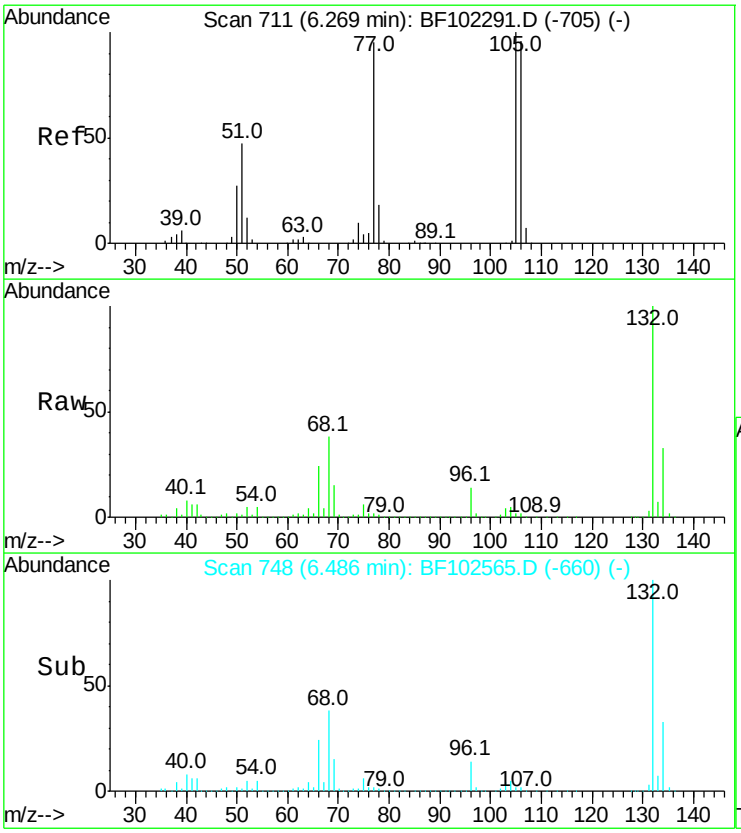
#7
Phenol-d6
Concen: 104.218 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1267740

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	32.2	25.4	38.0

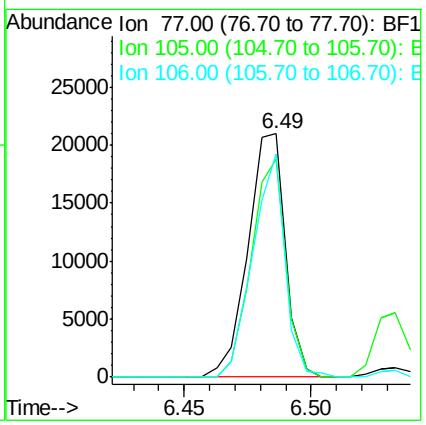


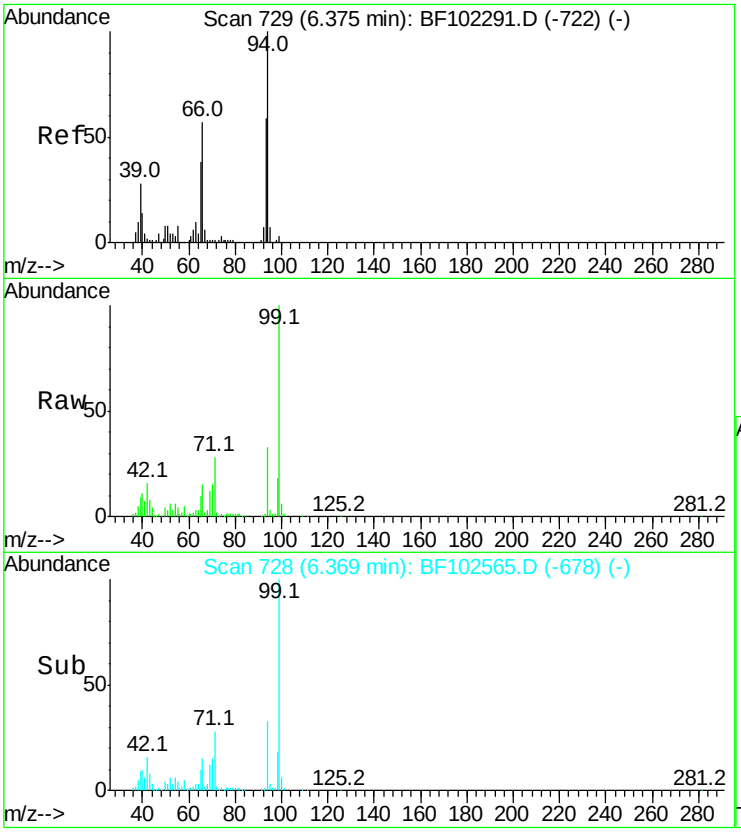


#9
Benzaldehyde
Concen: 2.566 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion: 77 Resp: 21555

Ion	Ratio	Lower	Upper
77	100		
105	89.5	81.1	121.1
106	91.6	74.5	114.5



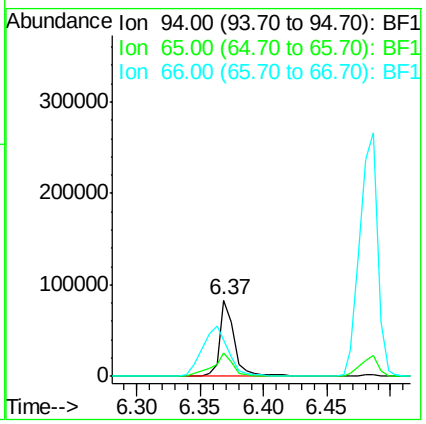


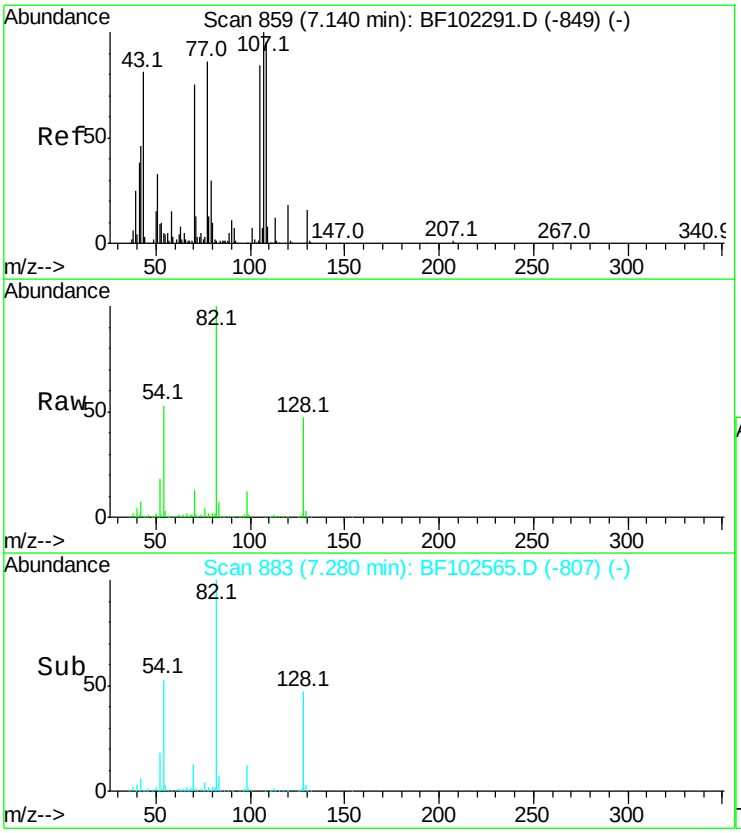
#10
Phenol
Concen: 5.108 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 67829

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	47.0	16.2	56.2

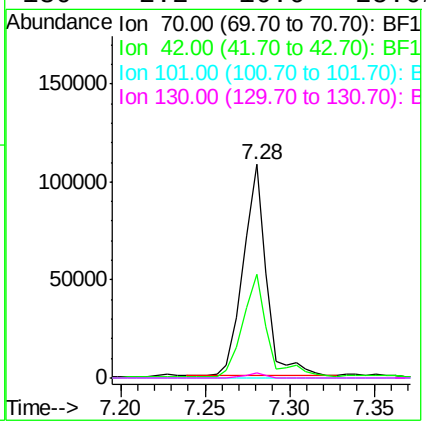


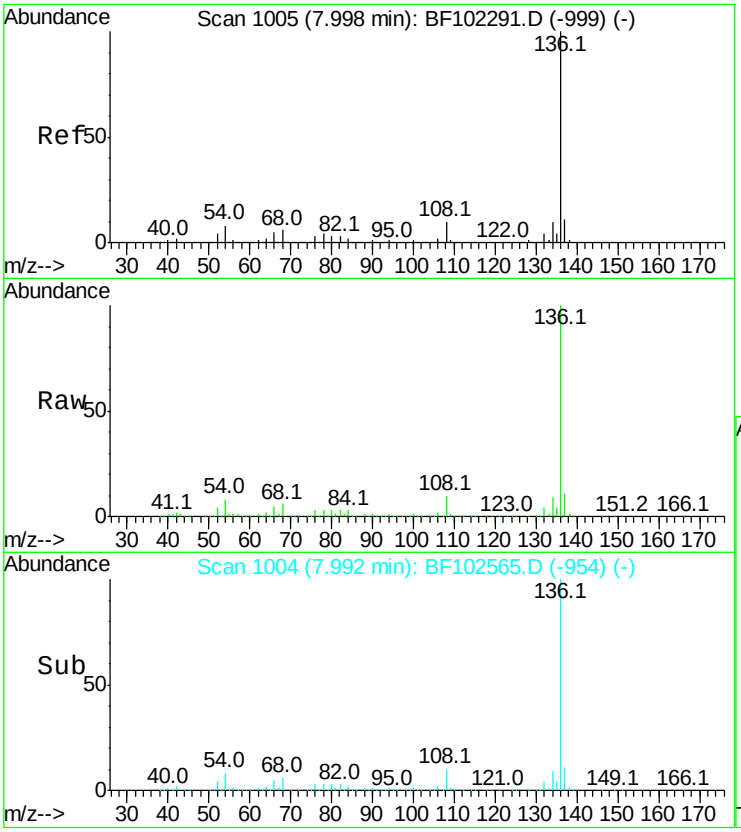


#19
n-Nitroso-di-n-propylamine
Concen: 13.749 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion: 70 Resp: 102354

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



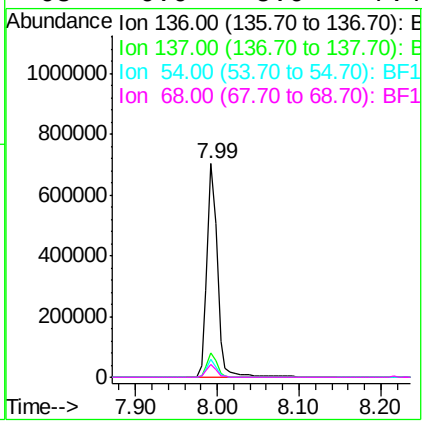


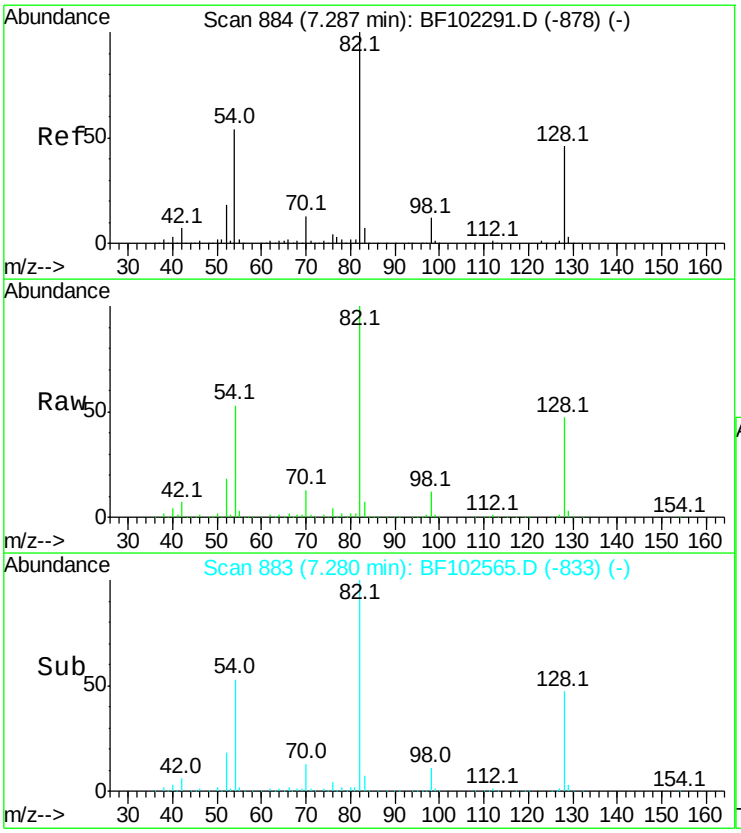
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 630860

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.0	5.0	7.4

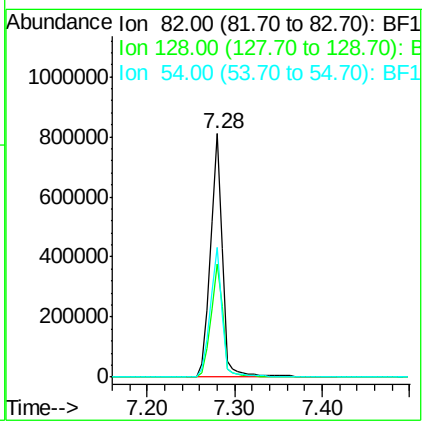


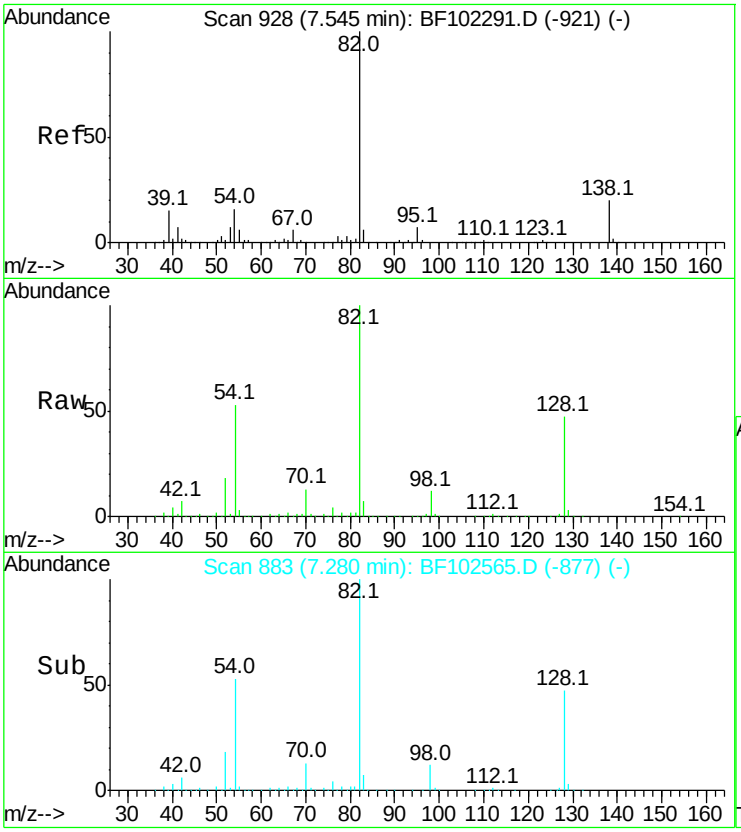


#23
Nitrobenzene-d5
Concen: 71.221 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion: 82 Resp: 781855

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	53.0	41.4	62.2



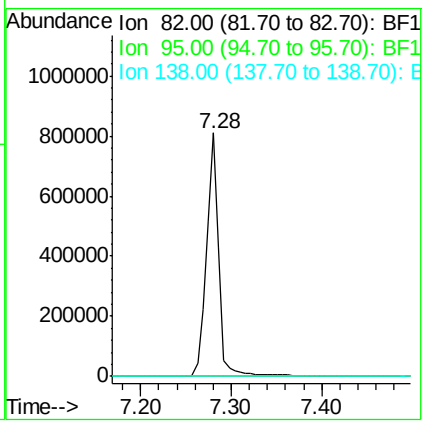


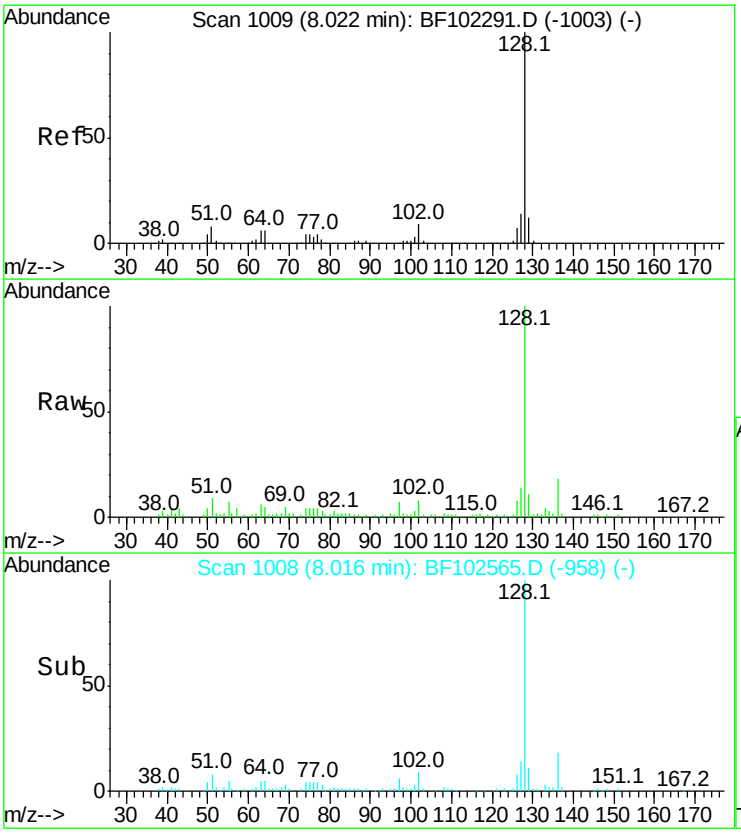
#25
Isophorone
Concen: 39.798 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 778871

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

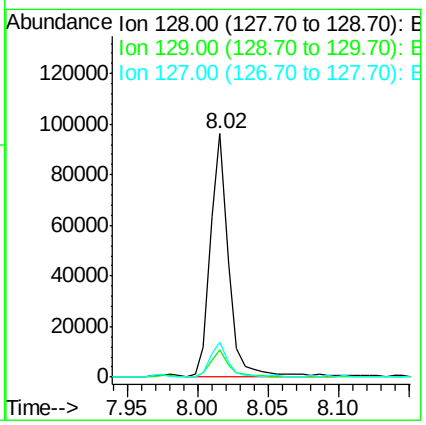


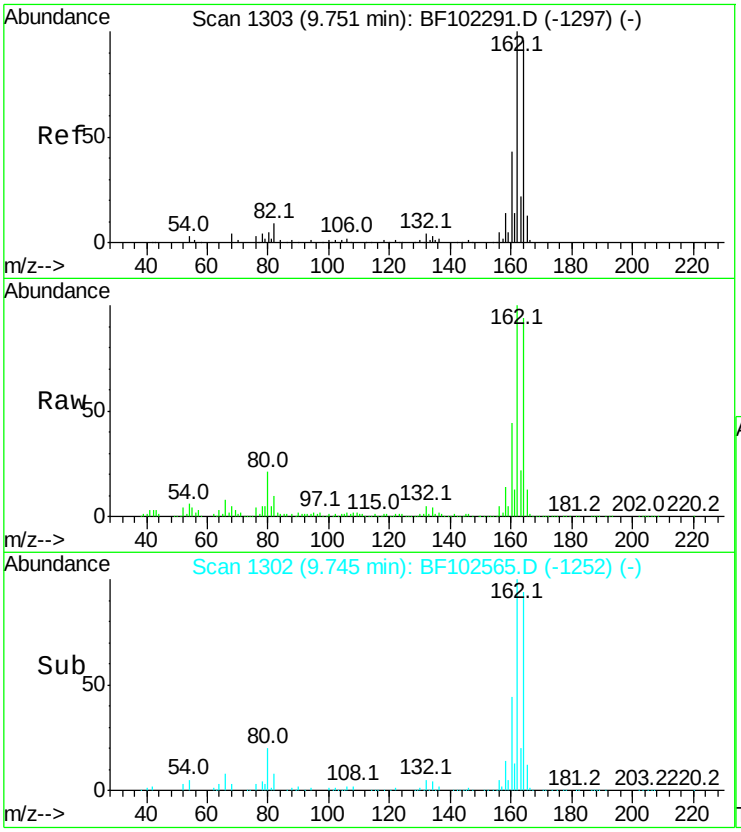


#31
Naphthalene
Concen: 2.705 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:128 Resp: 85215

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.4	10.9	16.3



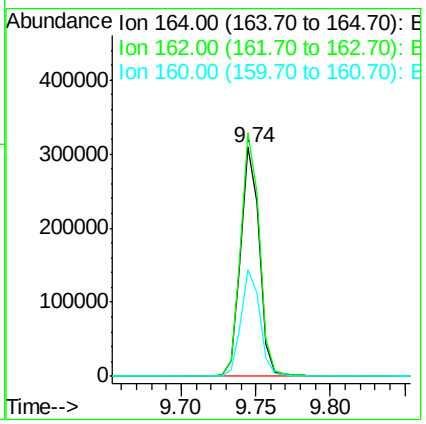


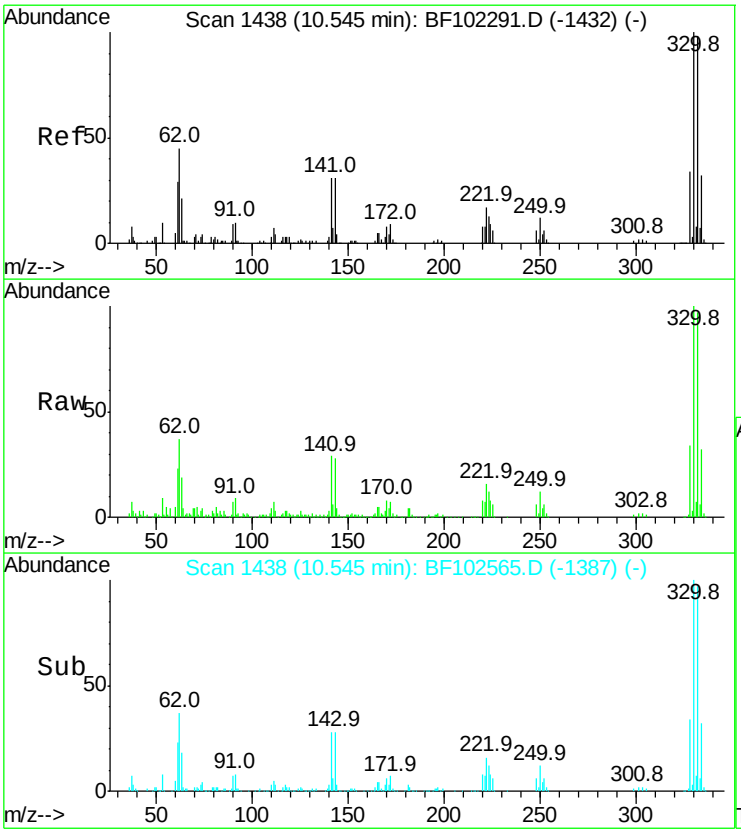
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 271053

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.6	38.3	57.5

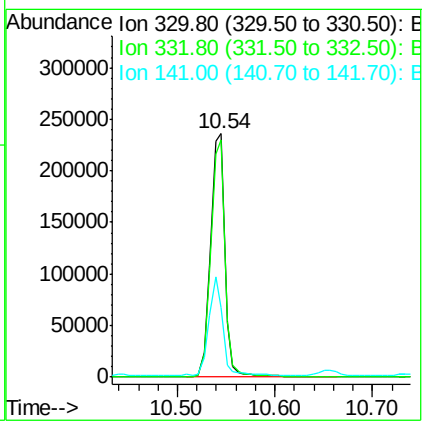


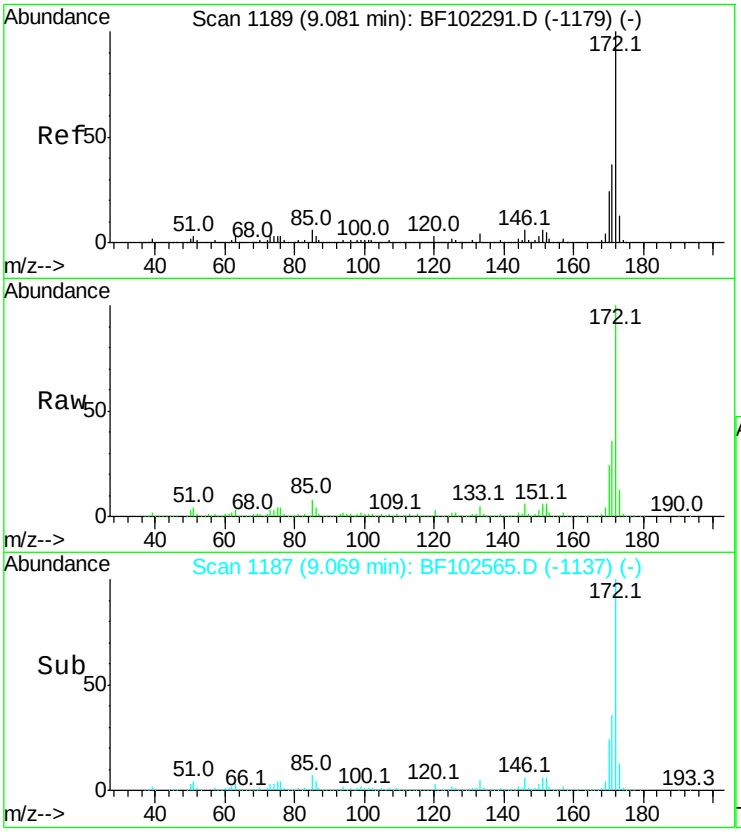


#41
2,4,6-Tribromophenol
Concen: 90.058 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:330 Resp: 241874

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	39.0	29.9	44.9



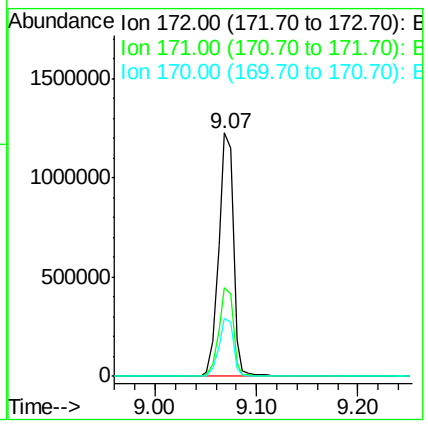


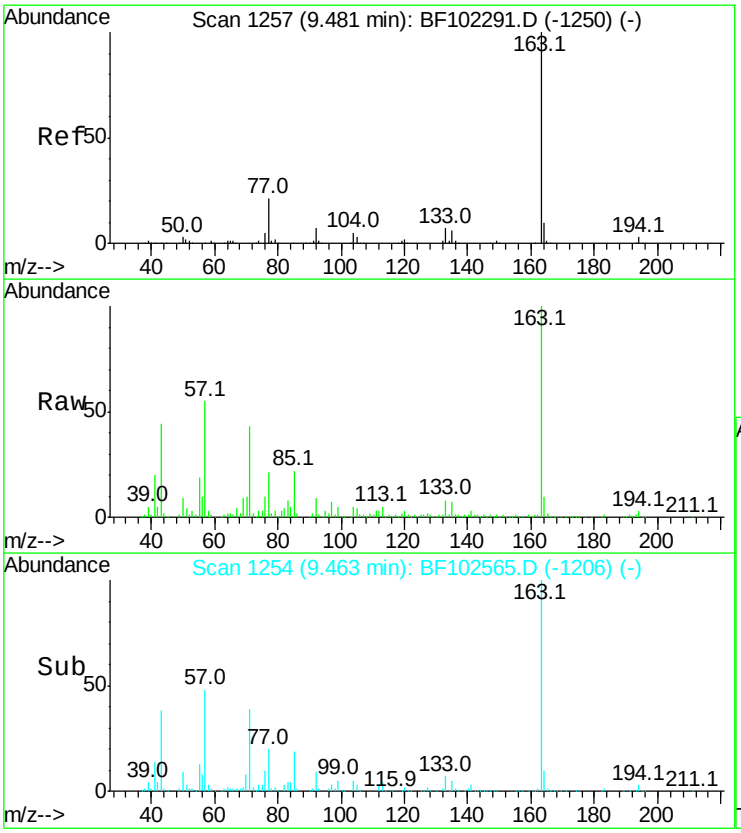
#44
2-Fluorobiphenyl
Concen: 67.346 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1241491

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

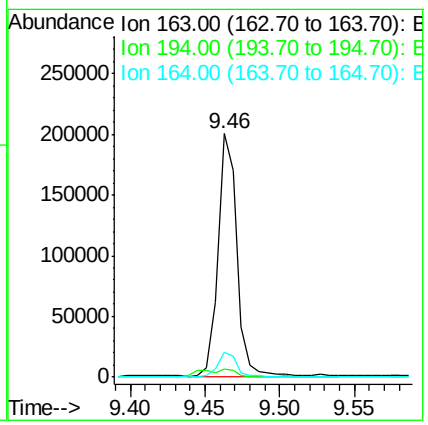


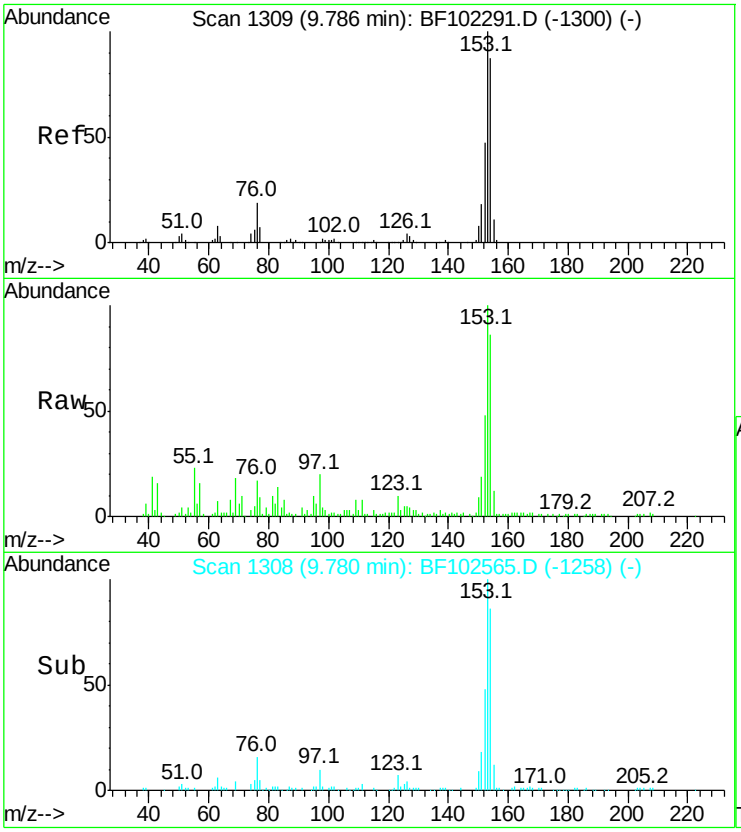


#49
Dimethylphthalate
Concen: 7.911 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:163 Resp: 177245

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2



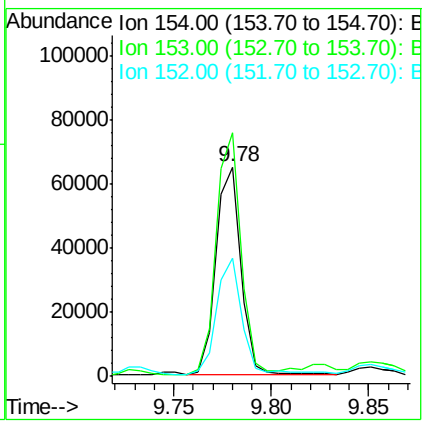


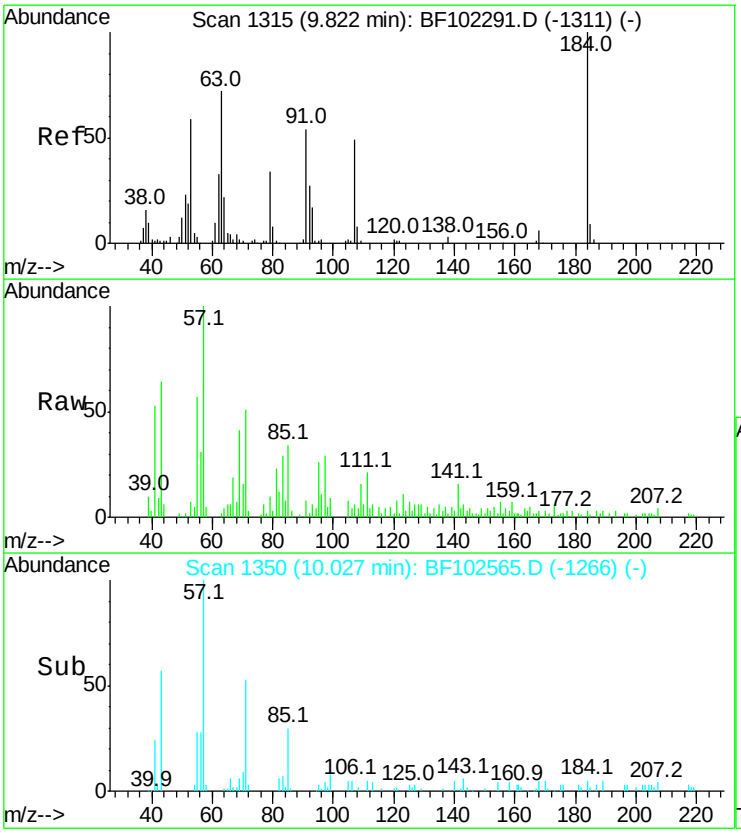
#51
Acenaphthene
Concen: 3.373 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 57810

Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.2	136.8
152	56.3	43.8	65.8

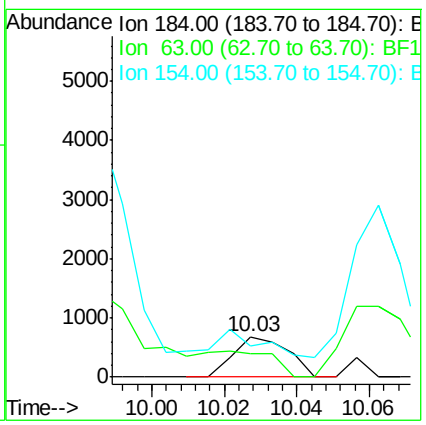


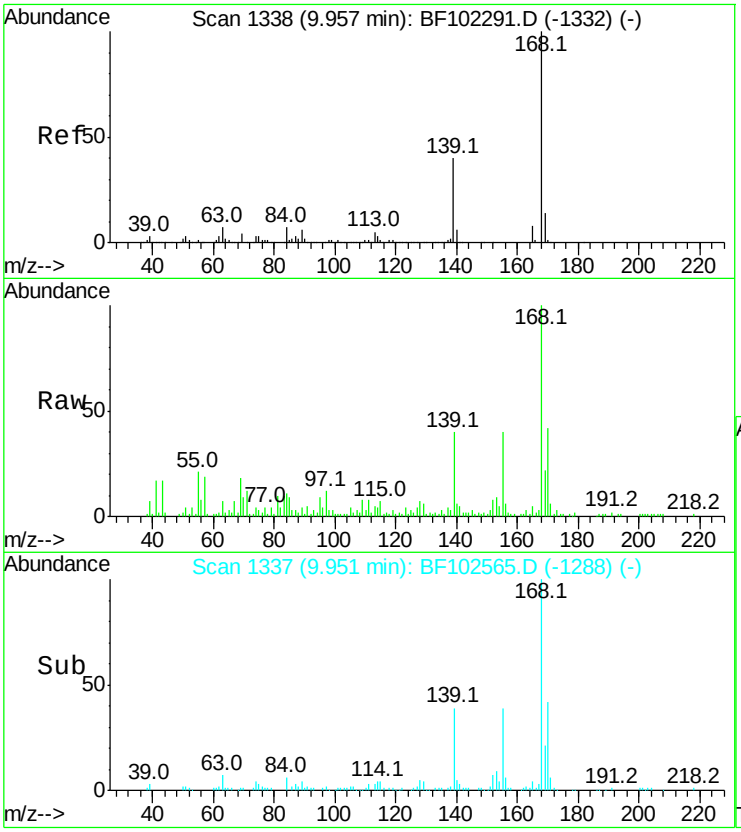


#53
2,4-Dinitrophenol
Concen: 4.008 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.19 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:184 Resp: 710

Ion	Ratio	Lower	Upper
184	100		
63	59.3	54.2	81.2
154	78.3	184.0	276.0#



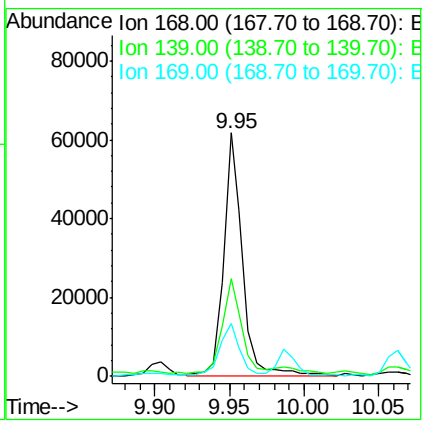


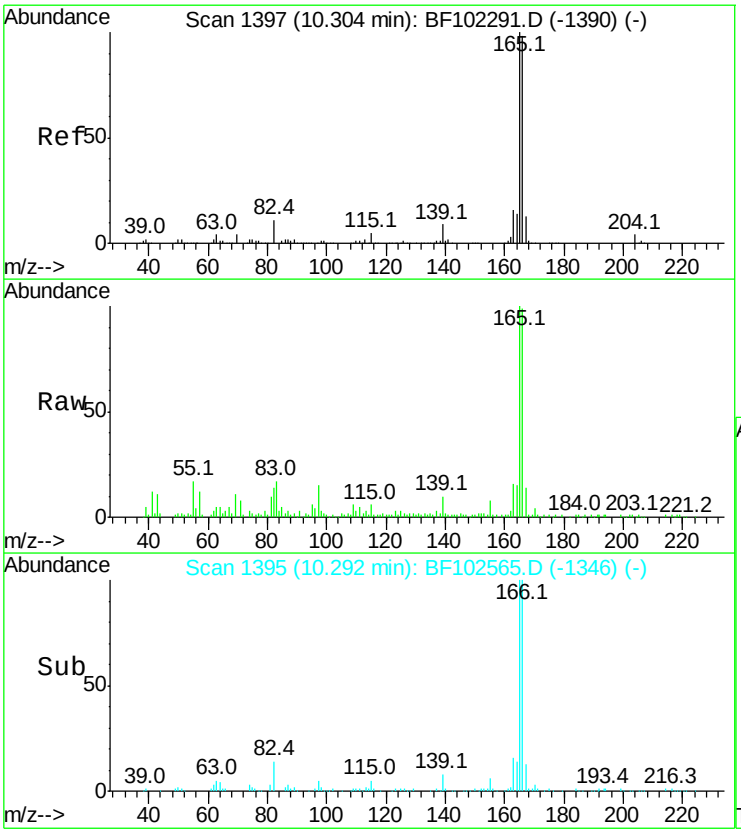
#54
Dibenzofuran
Concen: 2.371 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 55006

Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	21.8	10.9	16.3#

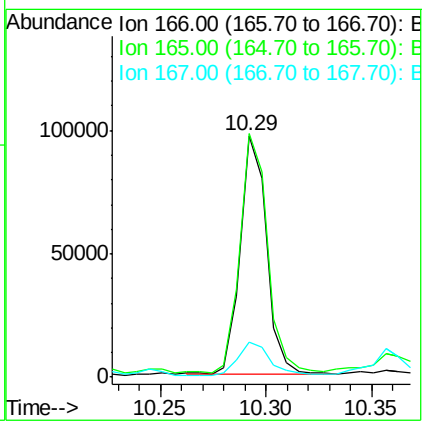


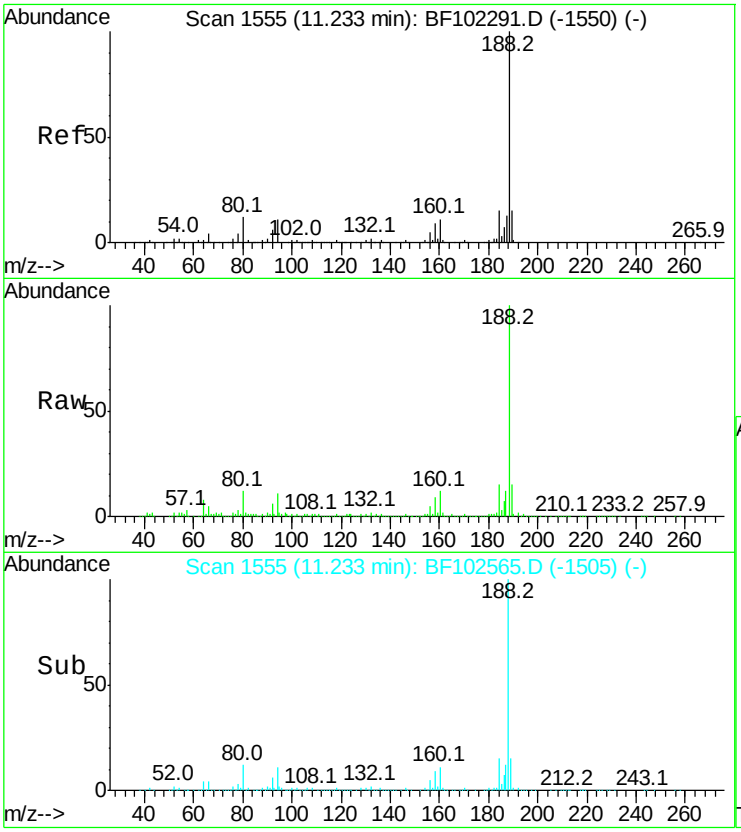


#57
Fluorene
Concen: 4.524 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:166 Resp: 83157

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	14.4	10.6	16.0



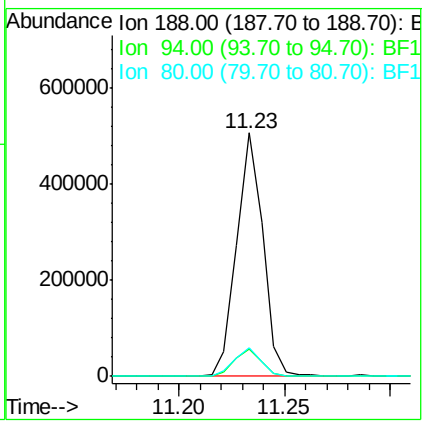


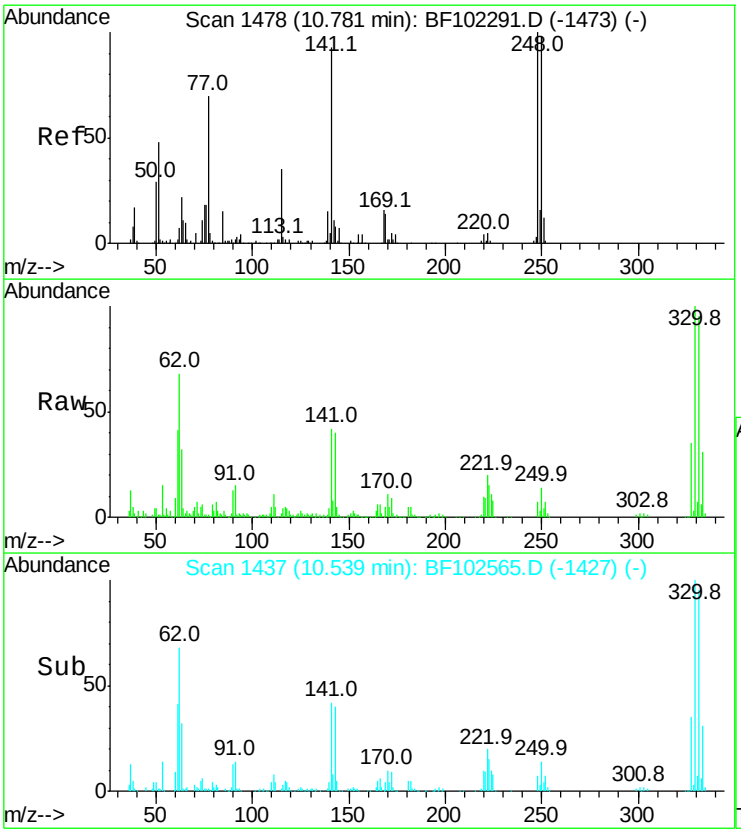
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 435267

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8

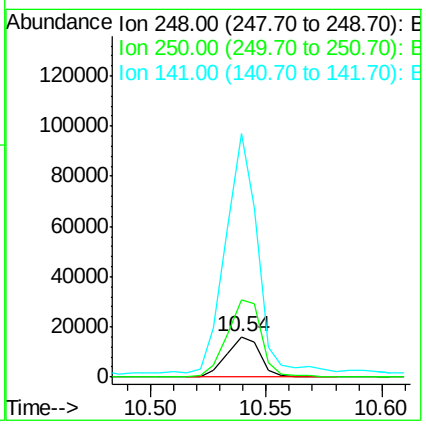


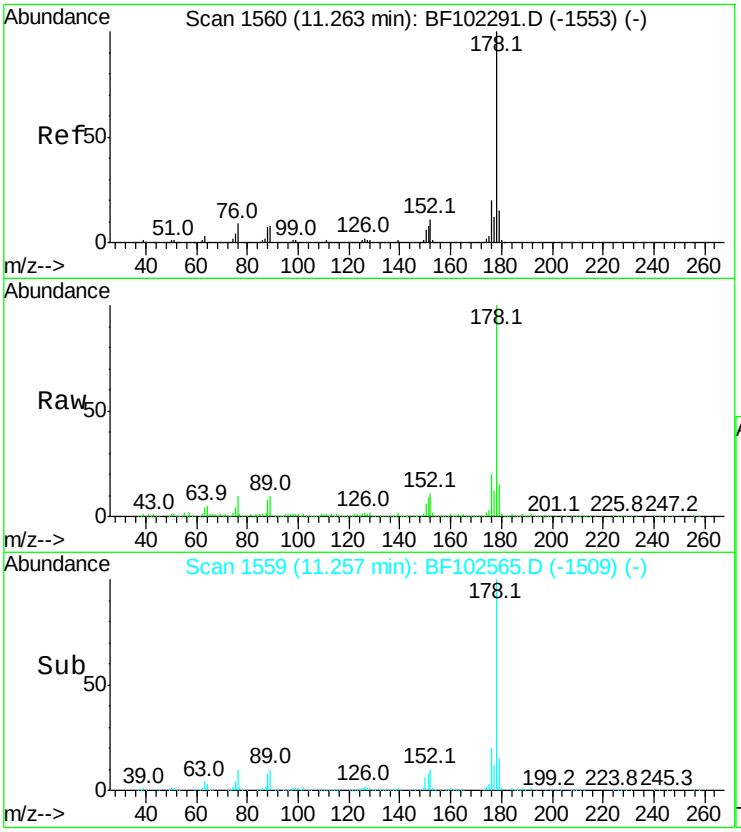


#66
4-Bromophenyl-phenylether
Concen: 3.496 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:248 Resp: 16379

Ion	Ratio	Lower	Upper
248	100		
250	191.4	76.9	115.3#
141	600.3	74.4	111.6#



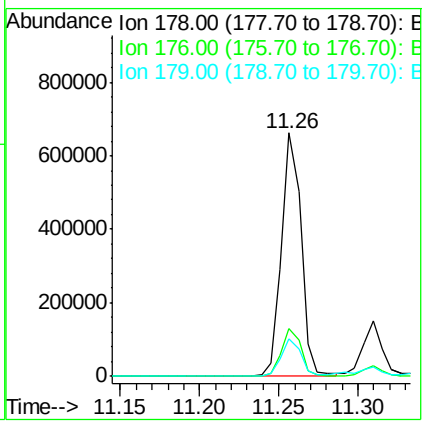


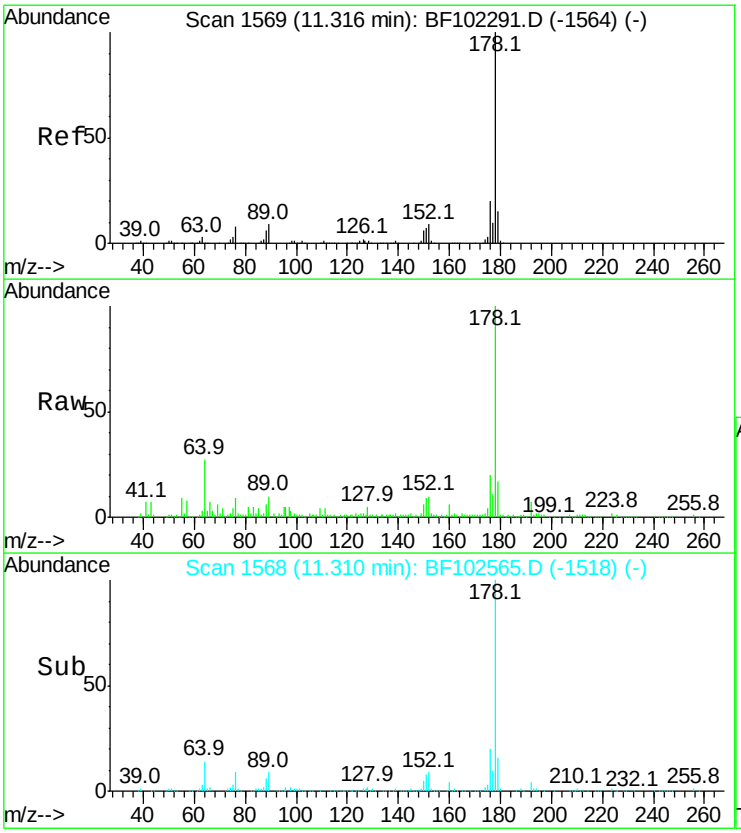
#70
Phenanthrene
Concen: 22.305 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 565735

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	13.0	19.6

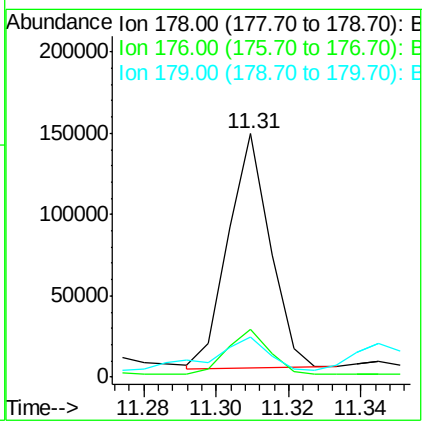


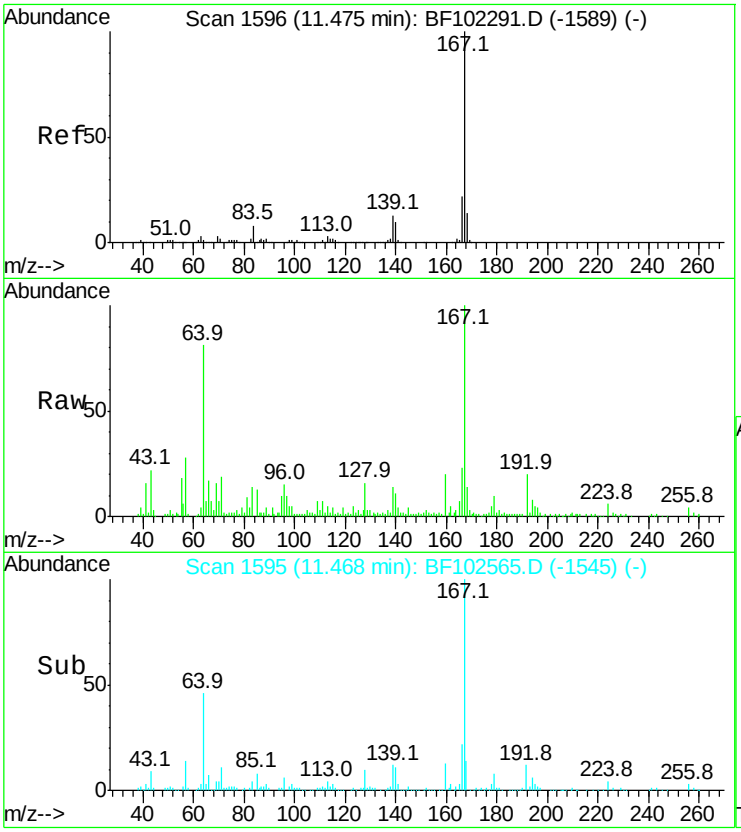


#71
Anthracene
Concen: 4.467 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:178 Resp: 115638

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.6	12.6	19.0



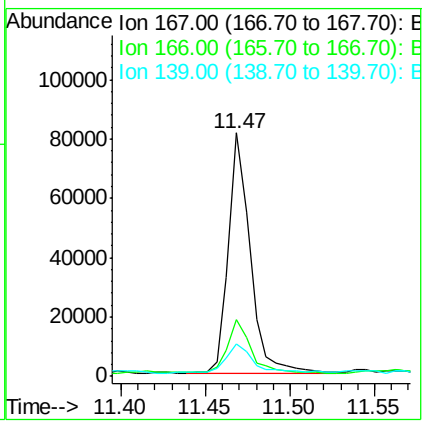


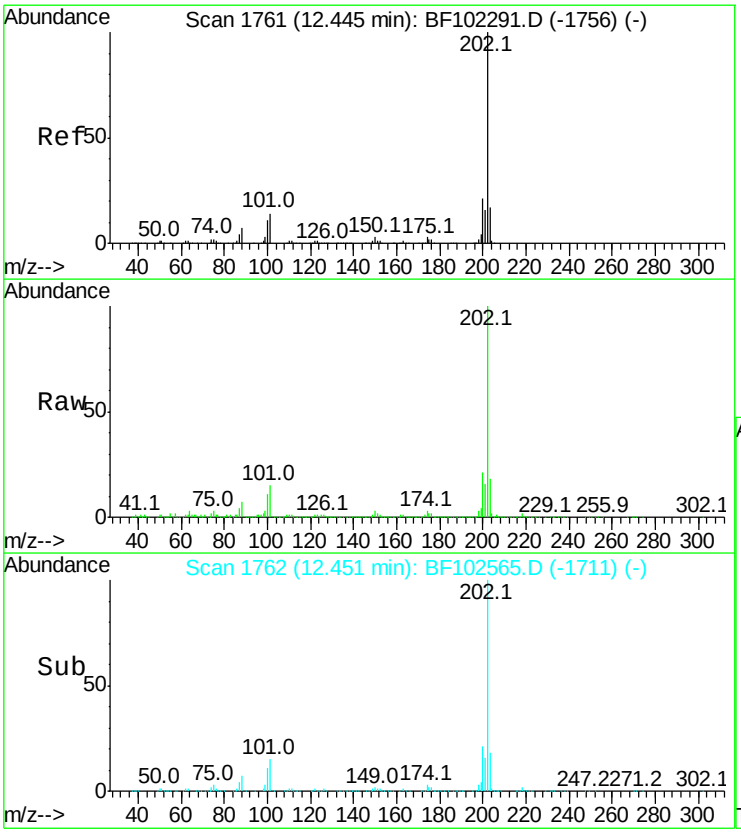
#72
Carbazole
Concen: 2.864 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 72332

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	13.5	10.9	16.3

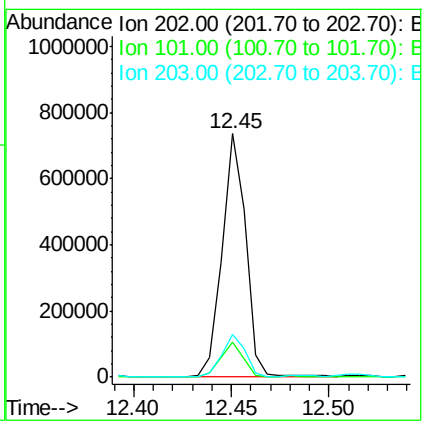


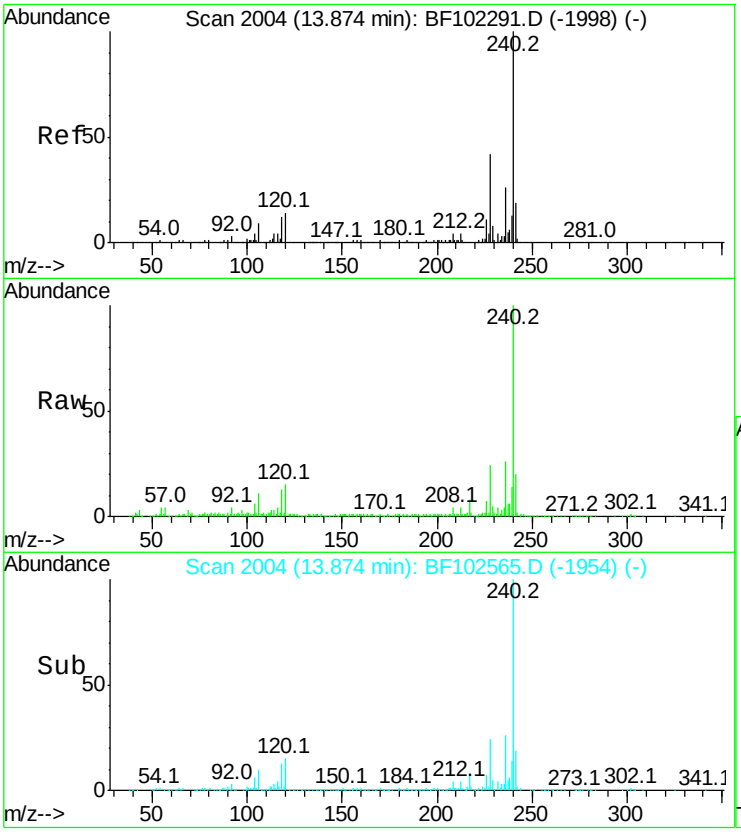


#74
Fluoranthene
Concen: 23.910 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:202 Resp: 618426

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.8	0.0	38.1



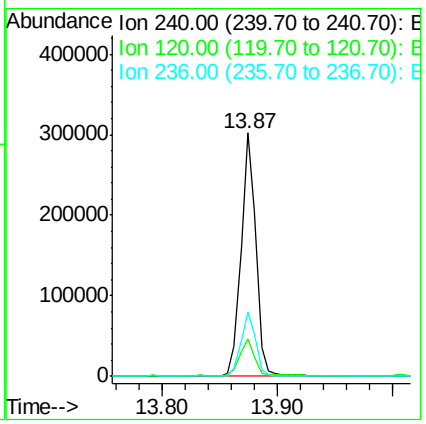


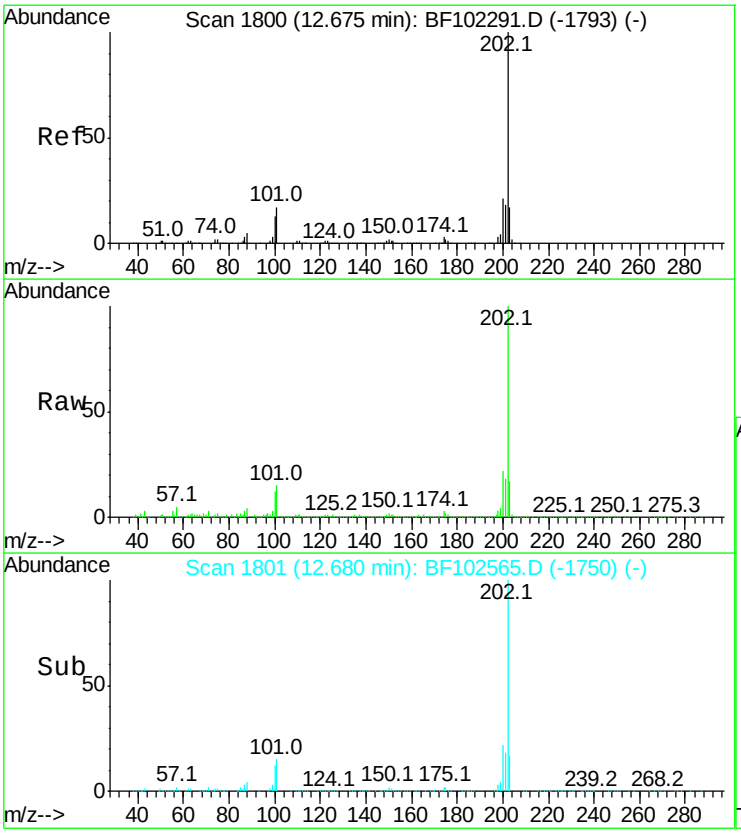
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 268428

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.3	20.7	31.1

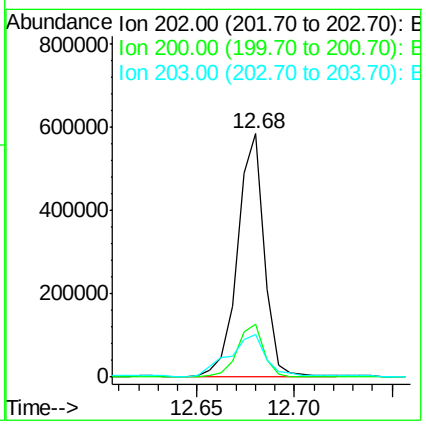


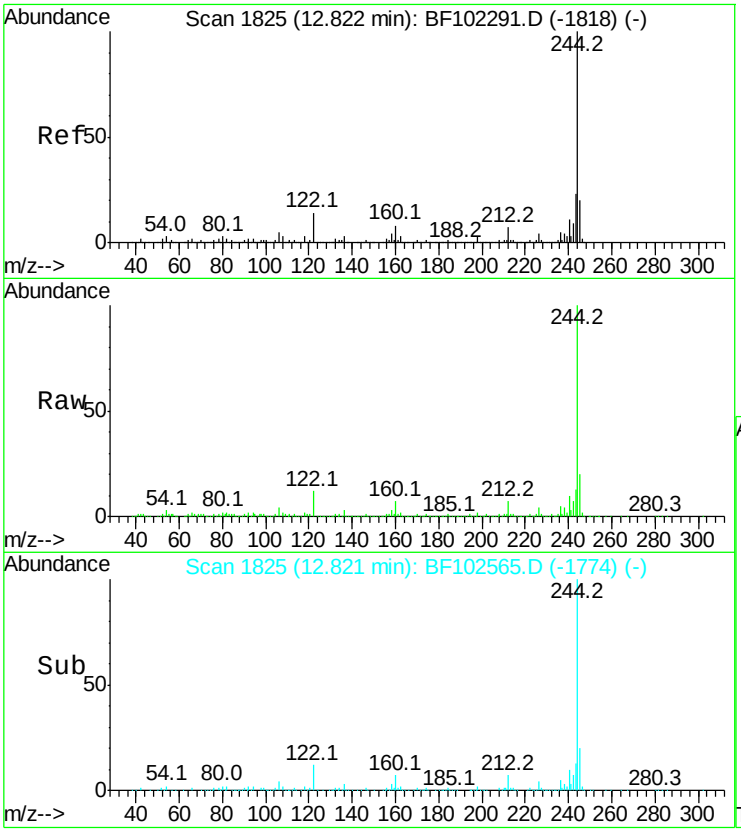


#77
Pyrene
Concen: 26.528 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:202 Resp: 550566

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.4	14.3	21.5



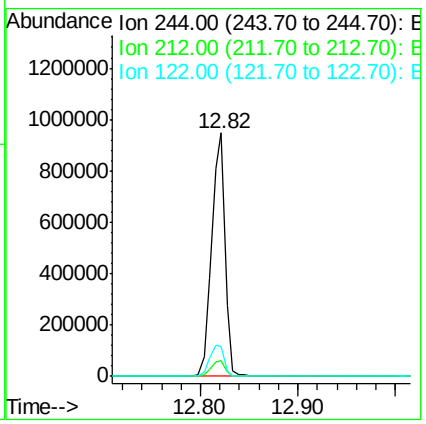


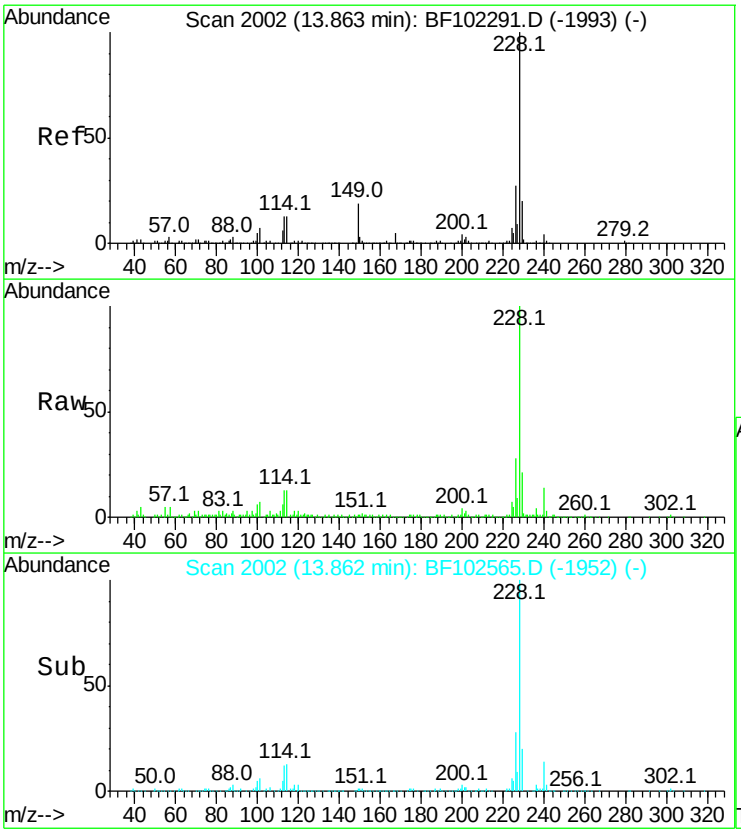
#78
Terphenyl-d14
Concen: 75.611 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 900301

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4

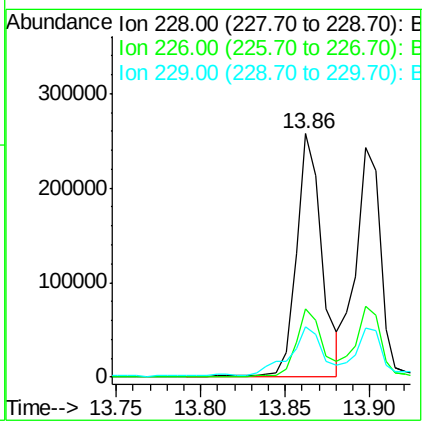


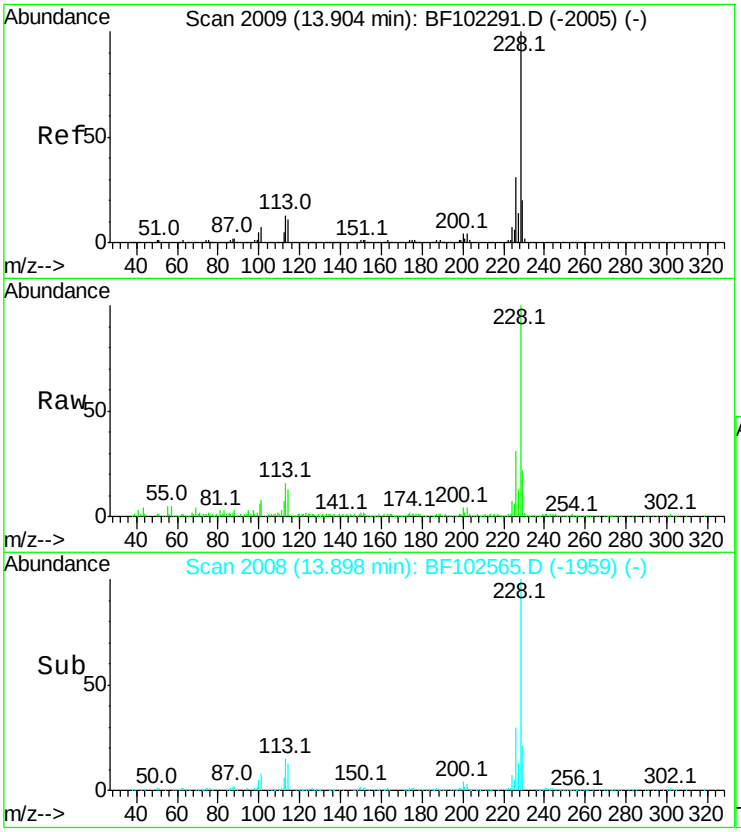


#80
Benzo(a)anthracene
Concen: 16.083 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:228 Resp: 265788

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.7	15.8	23.6



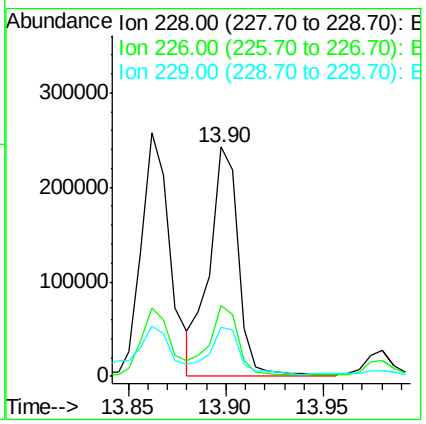


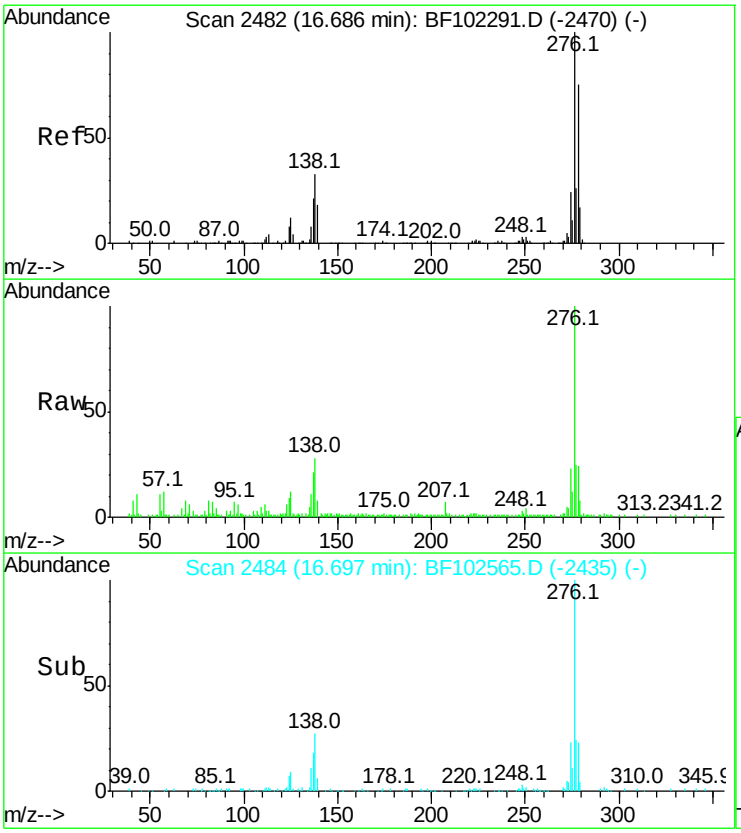
#82
Chrysene
Concen: 14.833 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 248929

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.5	16.2	24.4

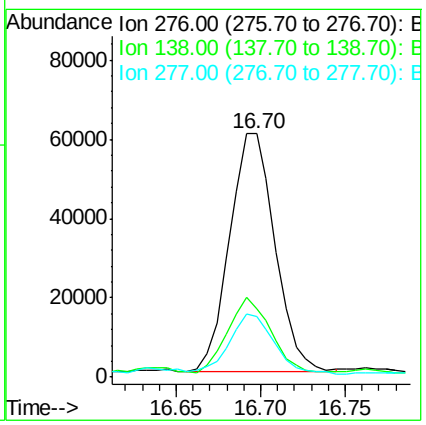


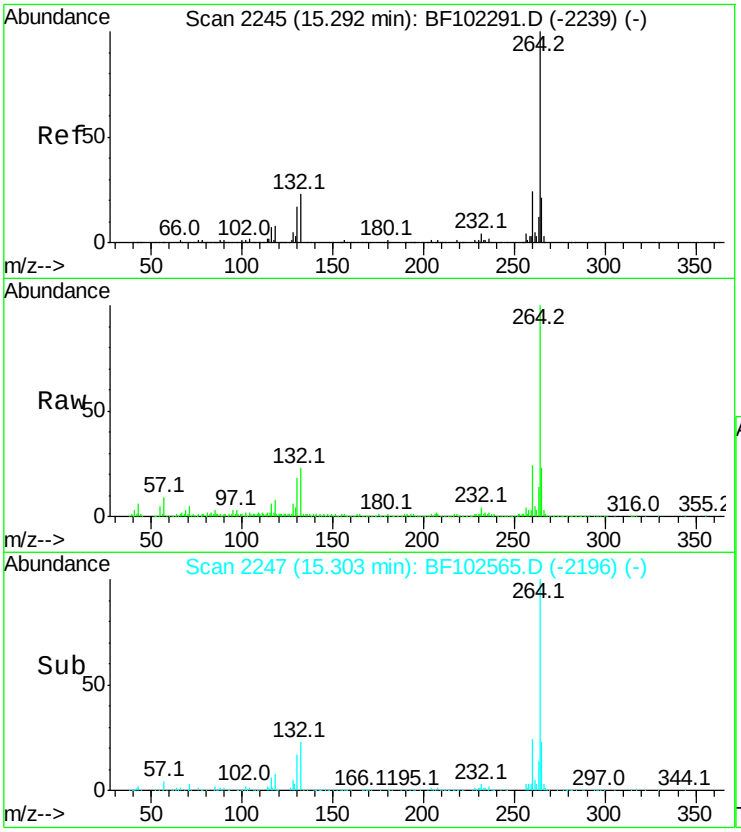


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.146 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:276 Resp: 112903

Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	24.4	20.1	30.1



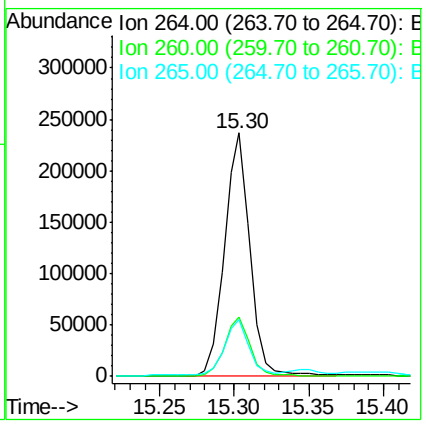


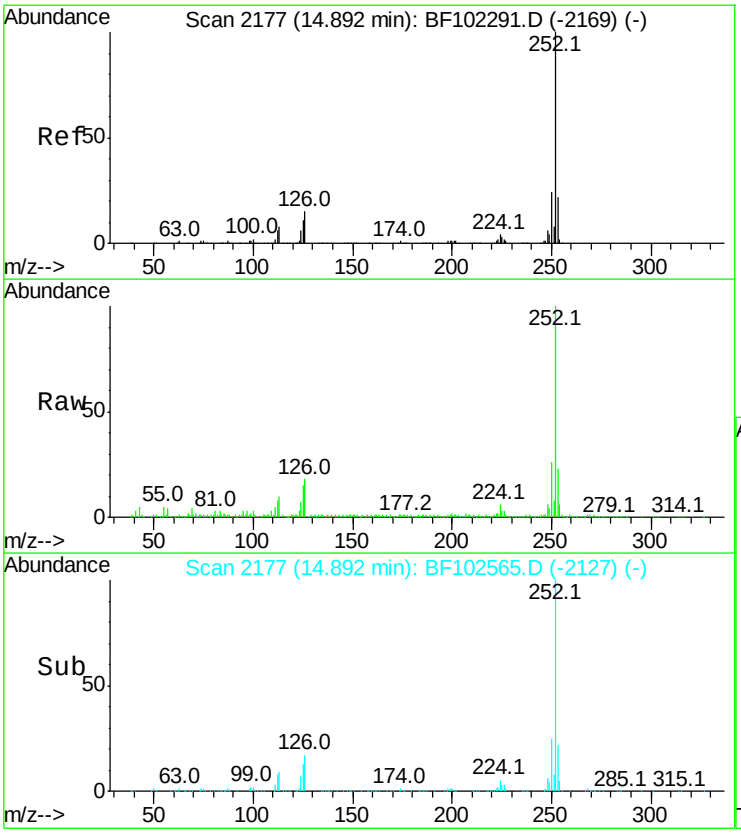
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 282379

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.2	17.5	26.3

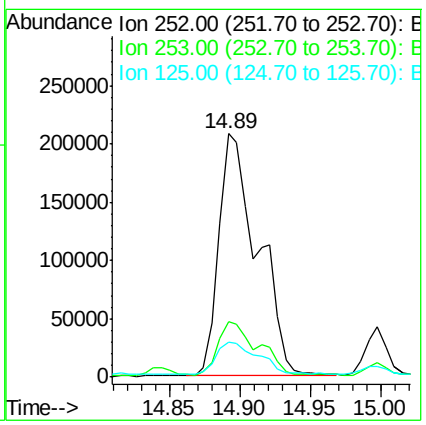


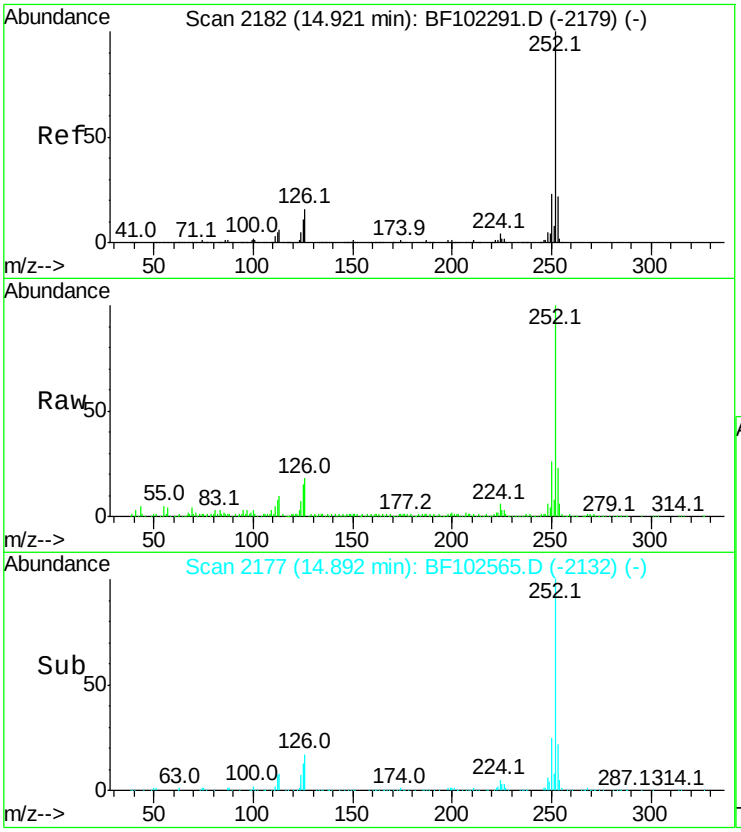


#87
Benzo(b)fluoranthene
Concen: 21.968 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:252 Resp: 402067

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.6	9.0	13.6#



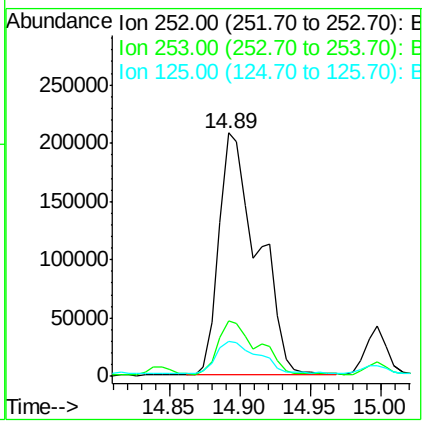


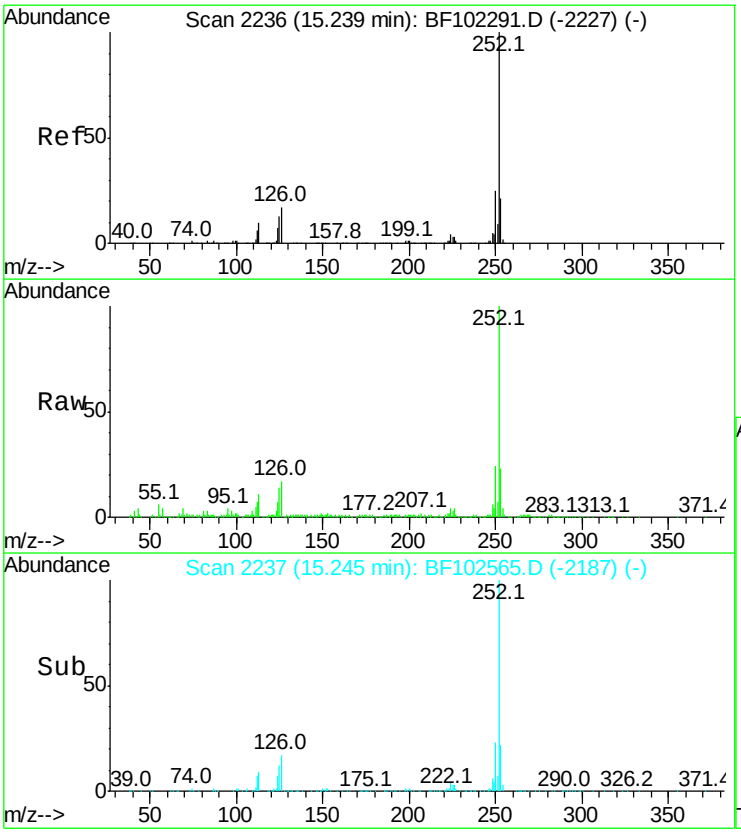
#88
Benzo(k)fluoranthene
Concen: 23.252 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.04 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 402067

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.6	10.2	15.2

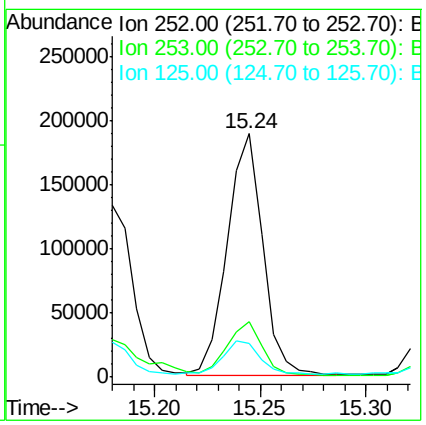


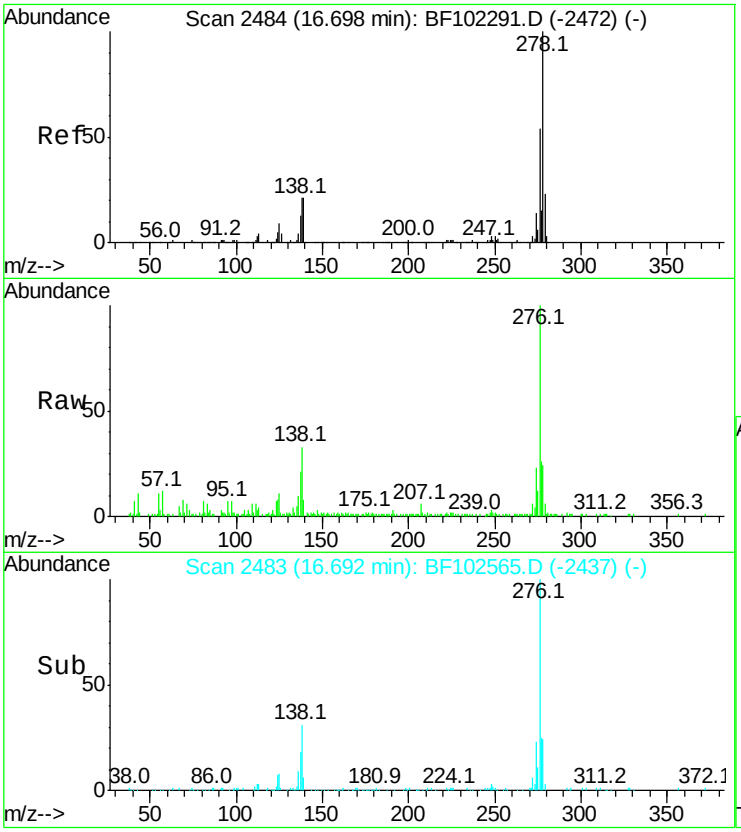


#89
Benzo(a)pyrene
Concen: 13.415 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:252 Resp: 221434

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.8	9.8	14.6



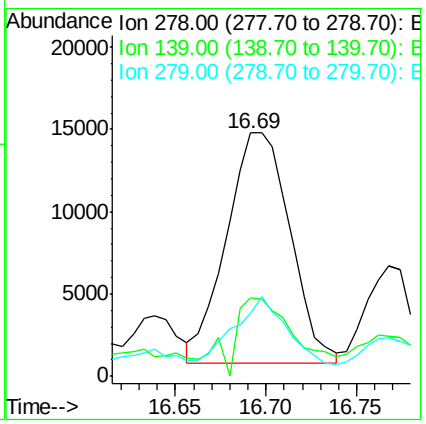


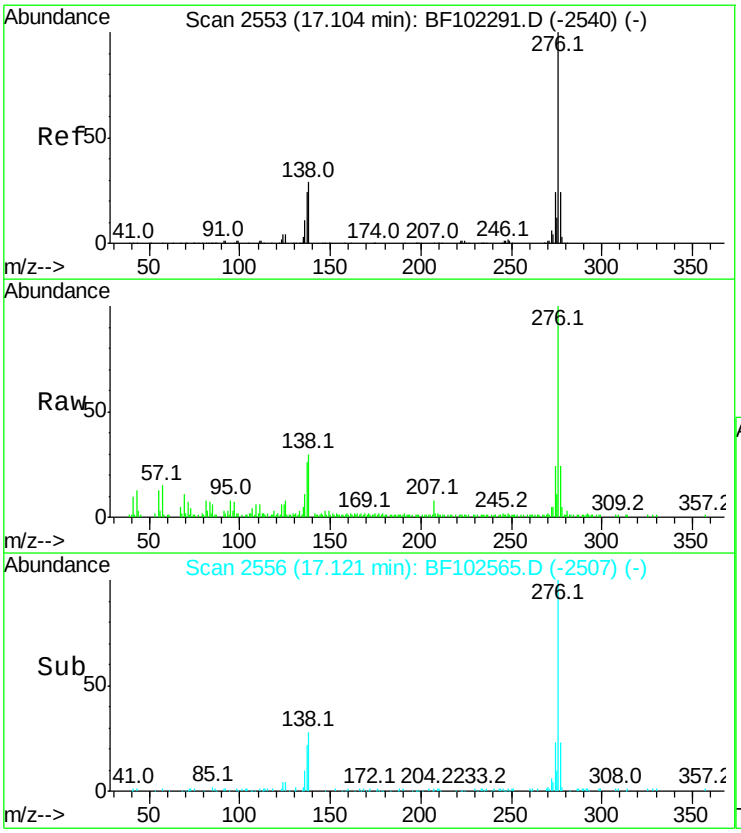
#90
Dibenzo(a,h)anthracene
Concen: 2.555 ng
RT: 16.69 min Scan# 2483
Delta R.T. -0.03 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 34170

Ion	Ratio	Lower	Upper
278	100		
139	32.4	15.9	23.9#
279	26.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 8.105 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF102565.D
Acq: 28 Jan 2018 18:49

Tgt Ion:276 Resp: 107011

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	29.6	21.8	32.8