Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102481.D
Acq On : 26 Jan 2018 20:56
Operator : SJ/JU
Sample : J1257-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 22:04:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170748	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	683029	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	264608	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	376999	20.00	ng		0.00
75) Chrysene-d12	13.89	240	272803	20.00	ng		0.01
86) Perylene-d12	15.33	264	187424	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1100696	97.74	ng		0.01
7) Phenol-d6	6.37	99	1313356	96.74	ng		0.00
23) Nitrobenzene-d5	7.29	82	723674	60.89	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	170702	65.11	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1206191	67.02	ng		0.00
78) Terphenyl-d14	12.83	244	804130	66.45	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	22798	2.439	ng		84
10) Phenol	6.38	94	51420	3.469	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	95045	11.440	ng	#	81
25) Isophorone	7.29	82	720304	33.994	ng	#	64
31) Naphthalene	8.02	128	109493	3.211	ng		99
49) Dimethylphthalate	9.47	163	331043	15.136	ng		100
51) Acenaphthene	9.79	154	86495	5.169	ng		98
54) Dibenzofuran	9.96	168	86776	3.832	ng		98
57) Fluorene	10.30	166	131086	7.305	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	12384	3.051	ng	#	1
70) Phenanthrene	11.27	178	954279	43.438	ng		99
71) Anthracene	11.32	178	243280	10.850	ng		98
72) Carbazole	11.48	167	142332	6.506	ng		98
74) Fluoranthene	12.46	202	1076607	48.057	ng		100
77) Pyrene	12.69	202	924380	43.826	ng		99
80) Benzo(a)anthracene	13.88	228	448081	26.678	ng		99
82) Chrysene	13.92	228	380140	22.288	ng		97
85) Indeno(1,2,3-cd)pyrene	16.74	276	132330	9.395	ng		97
87) Benzo(b)fluoranthene	14.92	252	491326	40.445	ng	#	92
88) Benzo(k)fluoranthene	14.92	252	491326	42.809	ng	#	95
89) Benzo(a)pyrene	15.27	252	240995	21.997	ng	#	91
90) Dibenzo(a,h)anthracene	16.74	278	34577	3.896	ng	#	80
91) Benzo(g,h,i)perylene	17.17	276	132003	15.064	ng		93

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

Quantitation Report (Not Reviewed)

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Data File : BF102481.D
Acq On : 26 Jan 2018 20:56
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 26 22:04:18 2018
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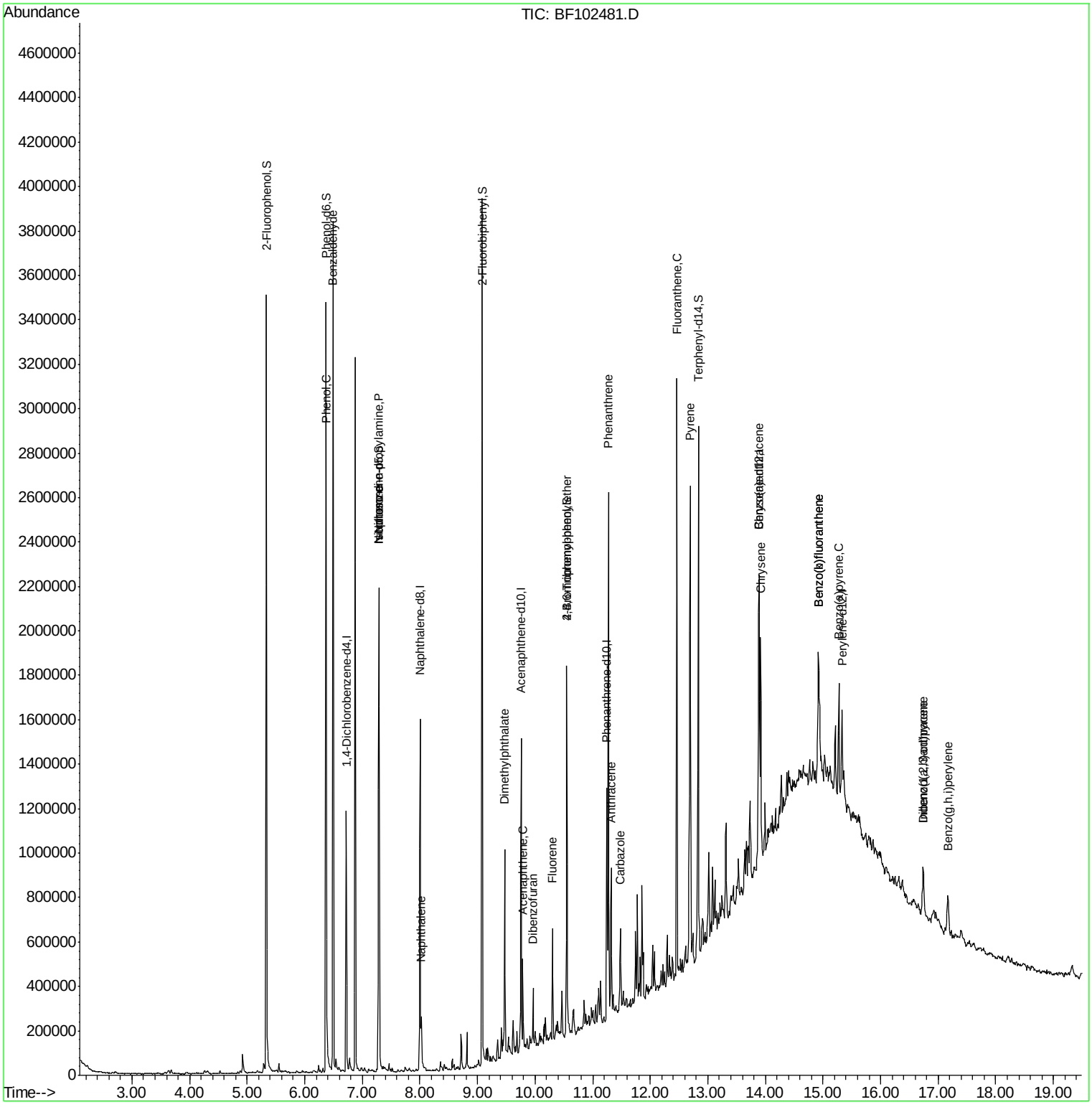
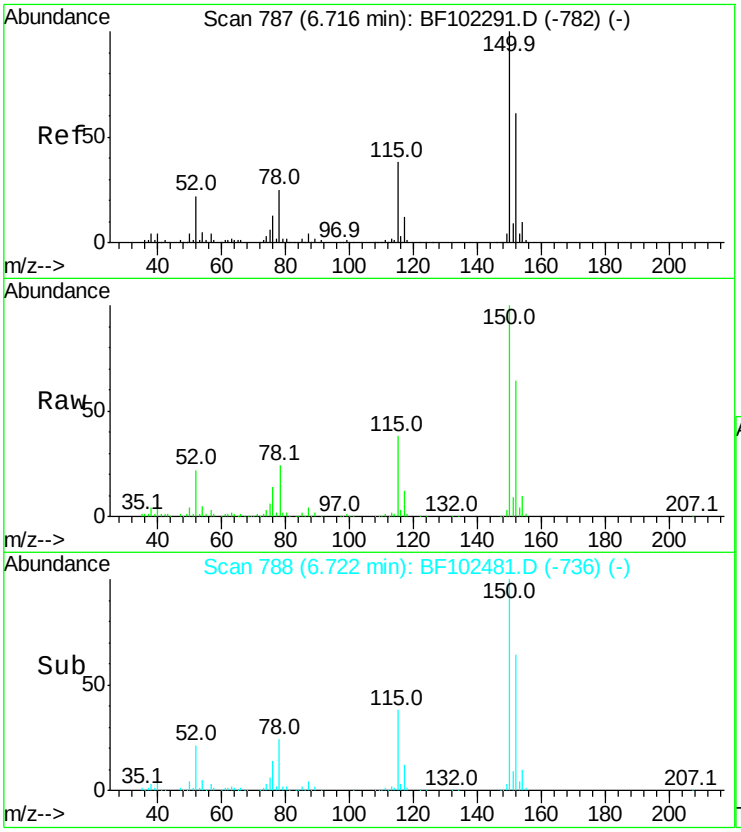


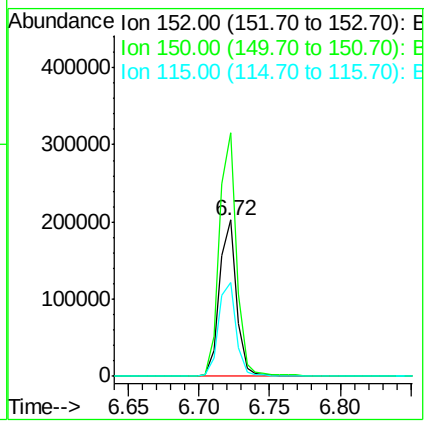


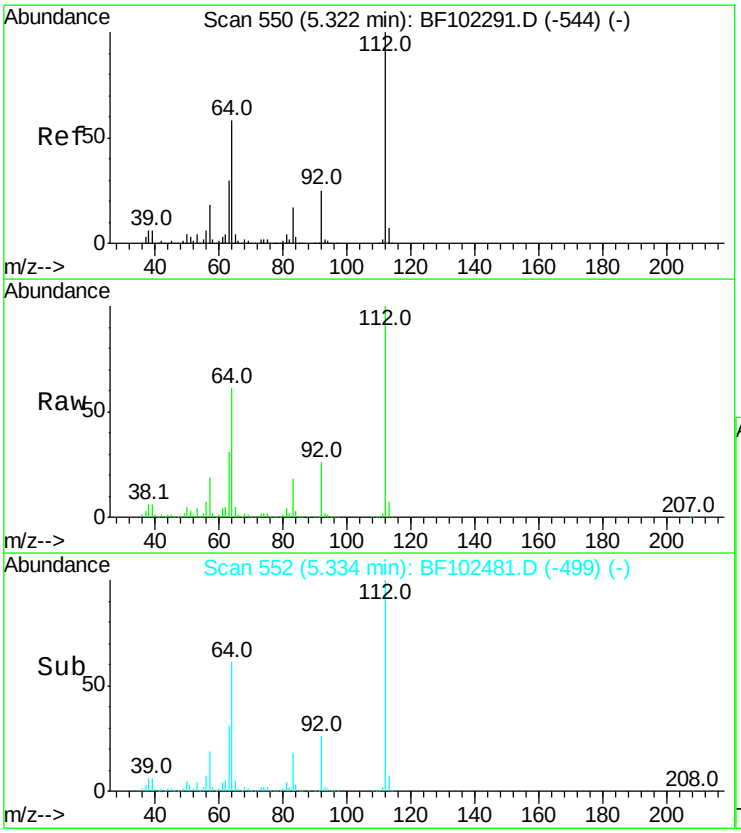
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 170748

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	59.8	50.1	75.1

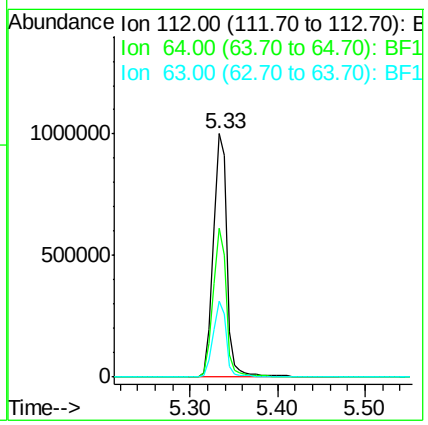


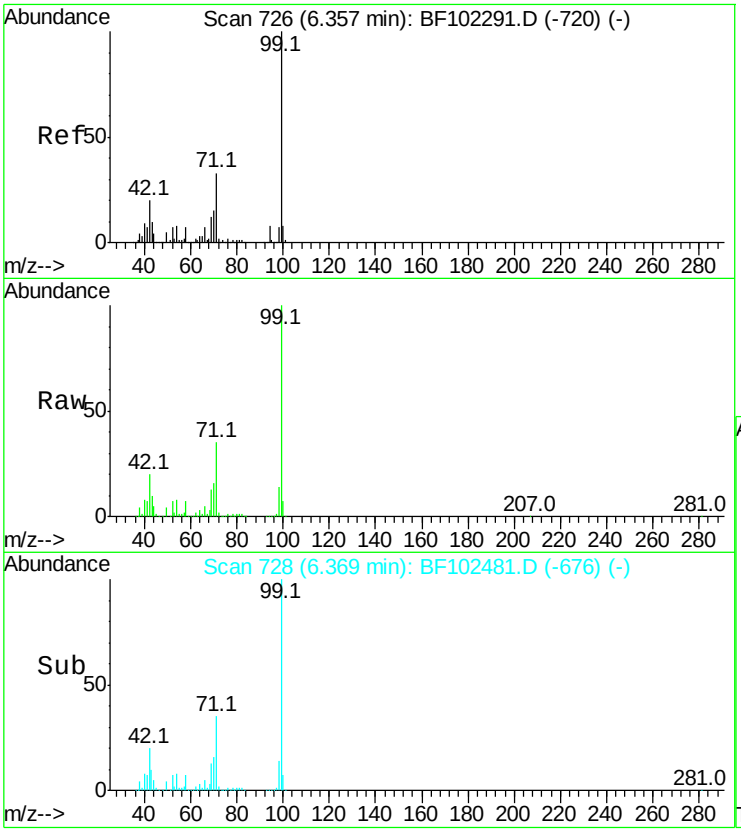


#5
2-Fluorophenol
Concen: 97.743 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:112 Resp: 1100696

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	31.4	23.7	35.5



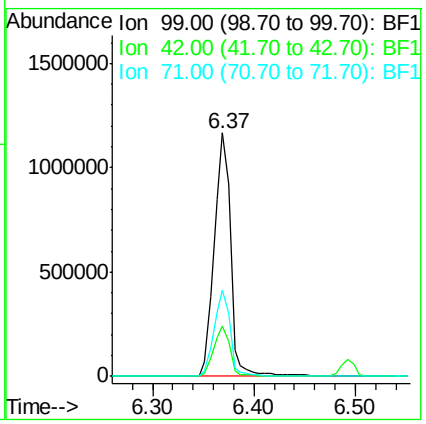


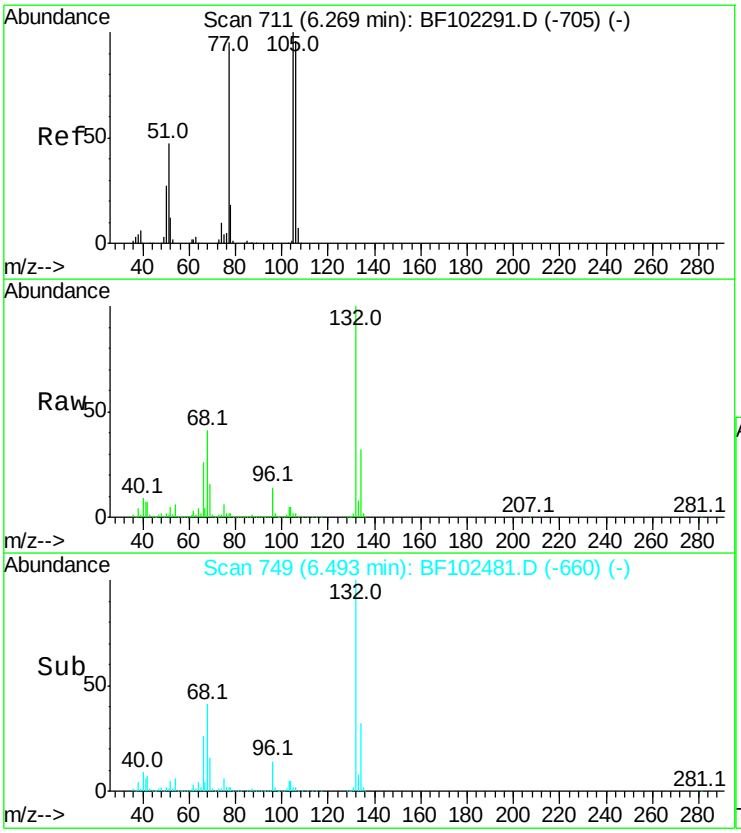
#7
Phenol-d6
Concen: 96.739 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1313356

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	35.3	25.4	38.0

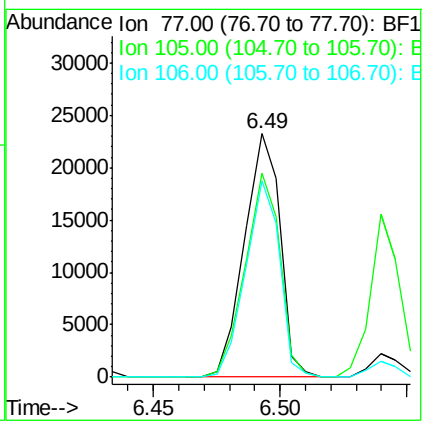


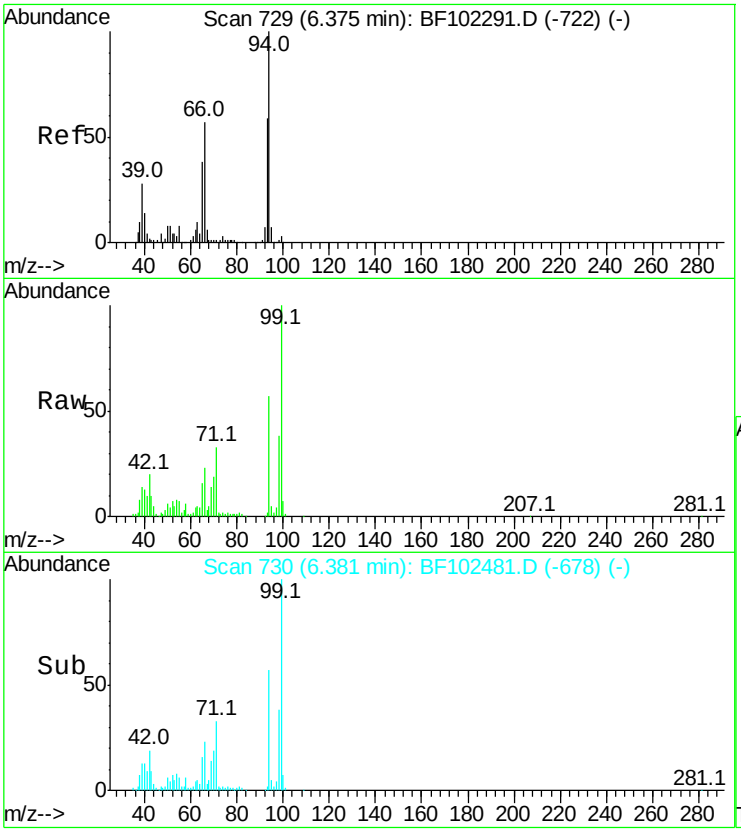


#9
Benzaldehyde
Concen: 2.439 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion: 77 Resp: 22798

Ion	Ratio	Lower	Upper
77	100		
105	83.9	81.1	121.1
106	80.7	74.5	114.5



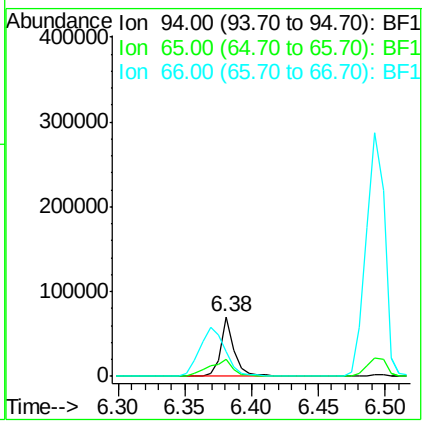


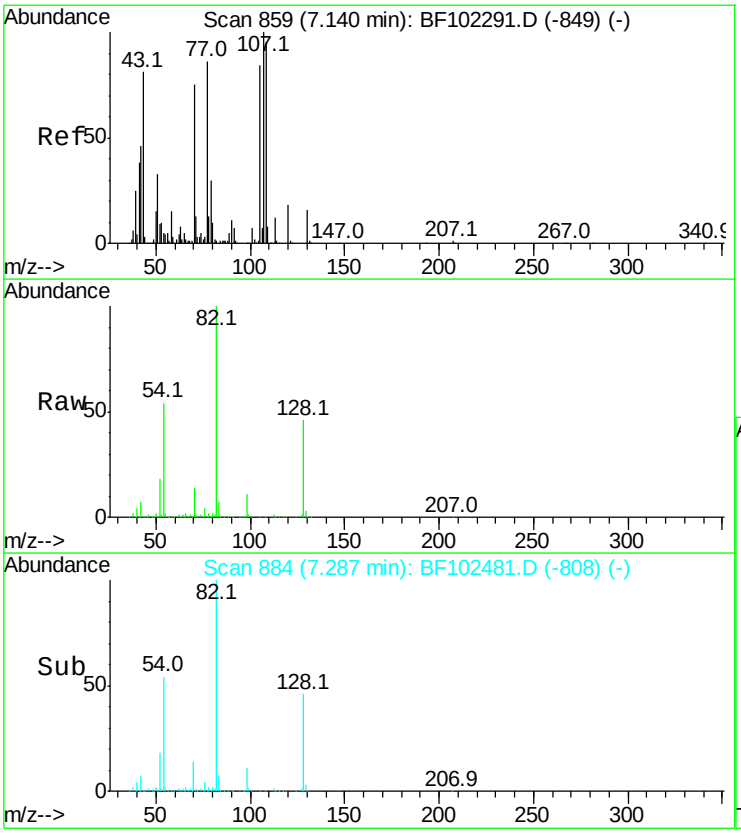
#10
Phenol
Concen: 3.469 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 51420

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	40.5	16.2	56.2

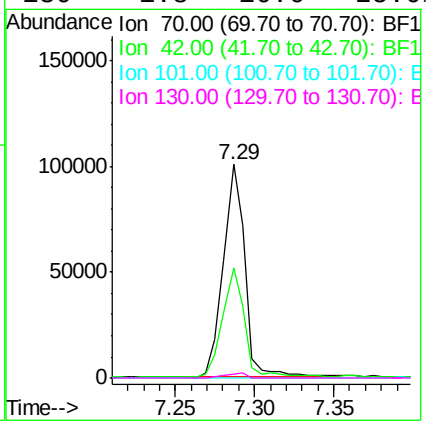


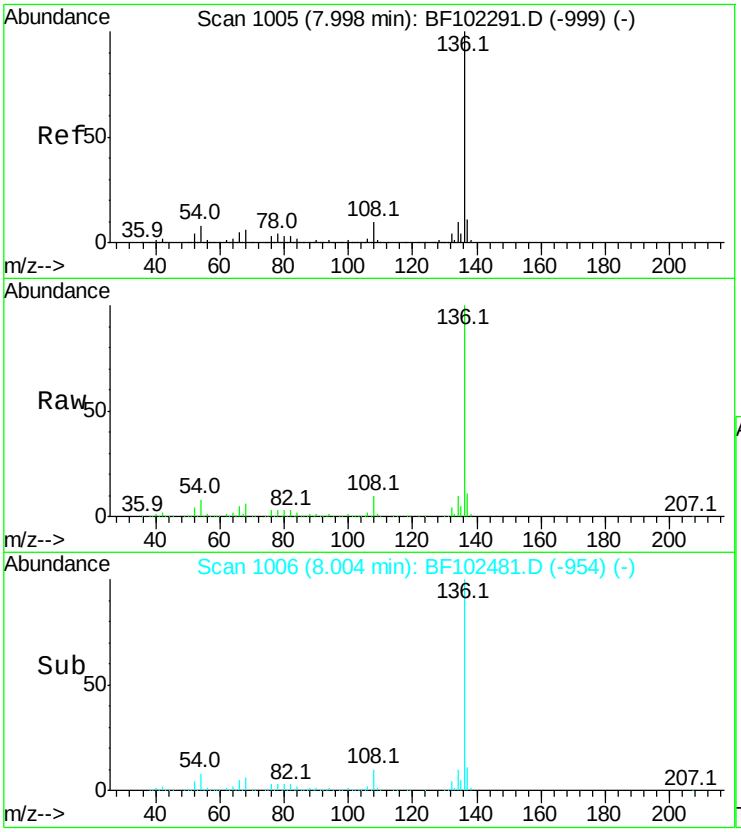


#19
n-Nitroso-di-n-propylamine
Concen: 11.440 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion: 70 Resp: 95045

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



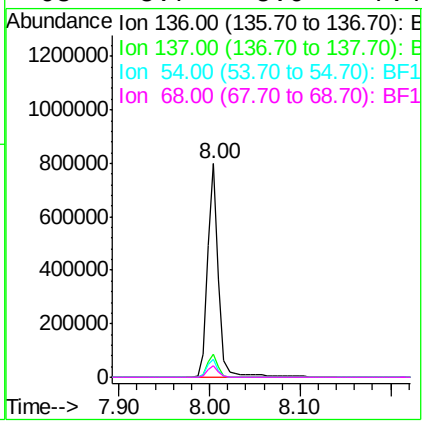


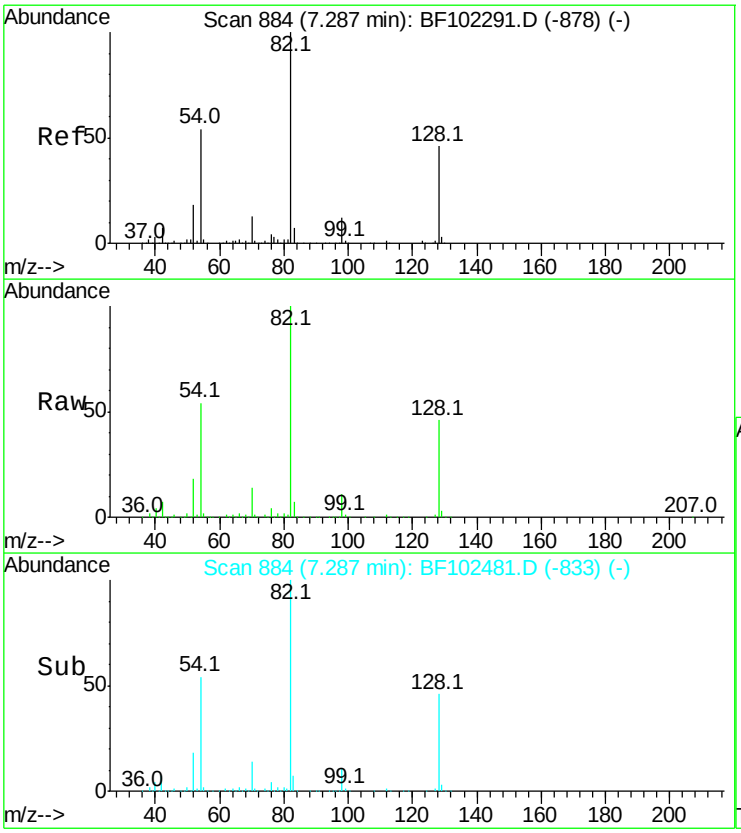
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 683029

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	5.7	5.0	7.4

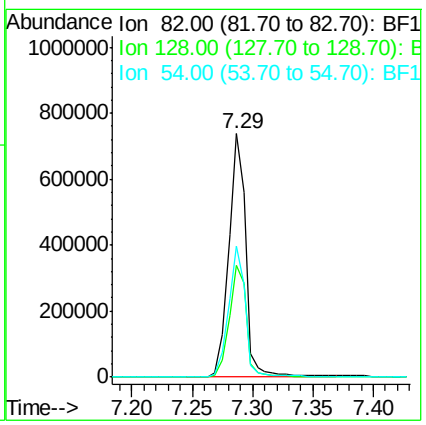


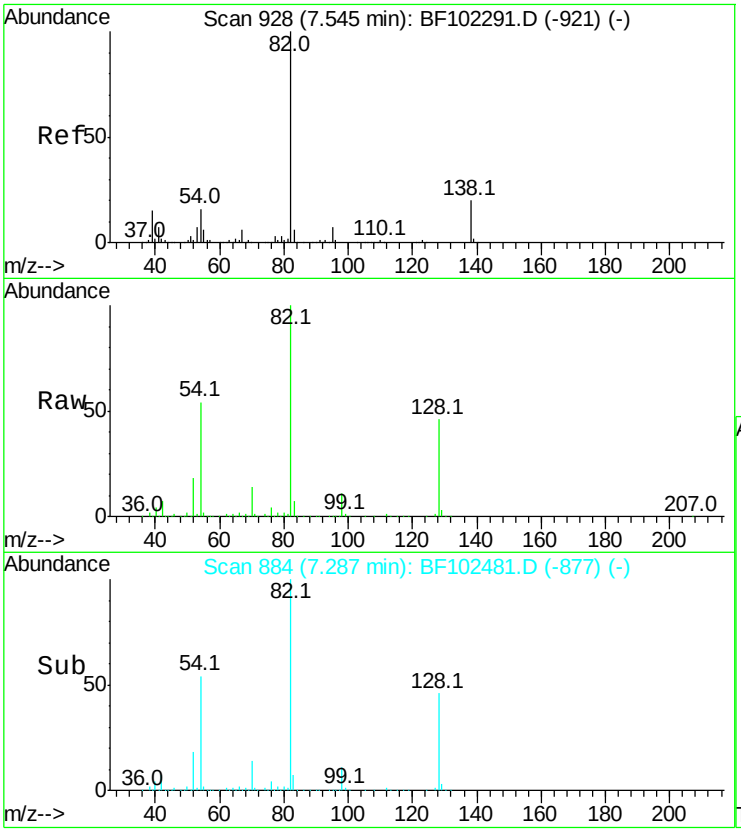


#23
Nitrobenzene-d5
Concen: 60.887 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion: 82 Resp: 723674

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	54.0	41.4	62.2



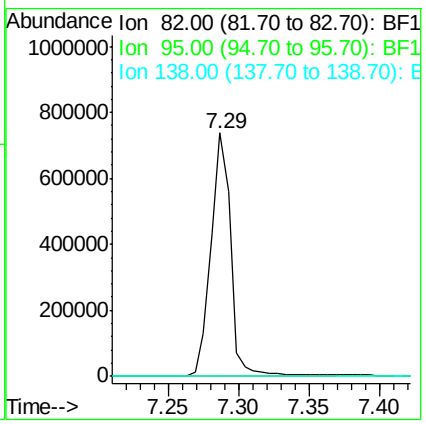


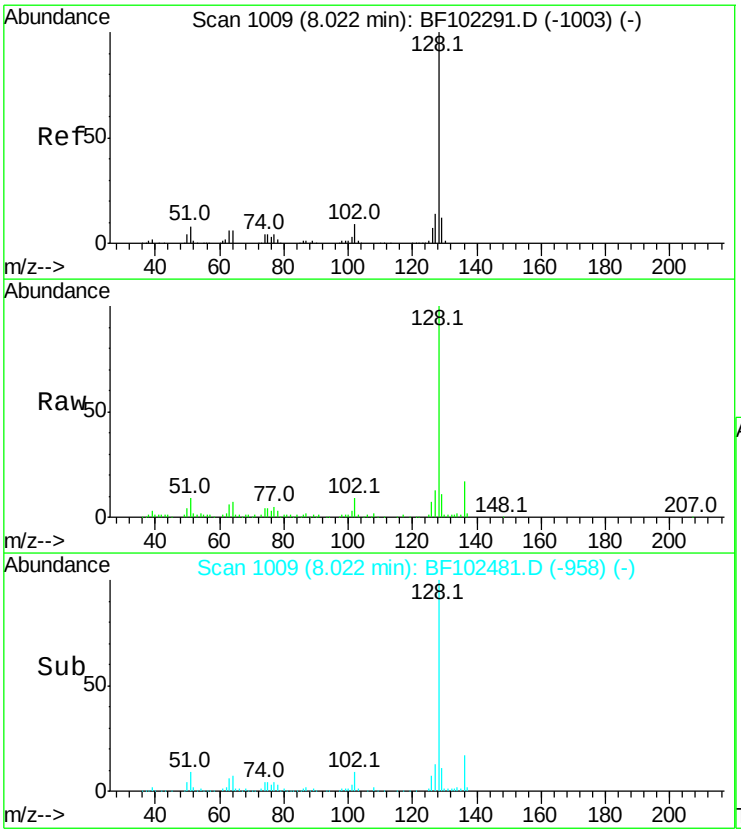
#25
Isophorone
Concen: 33.994 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 720304

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

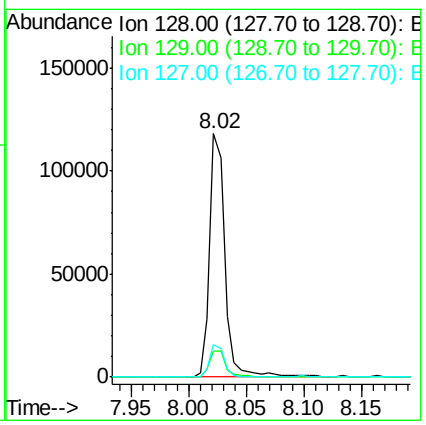


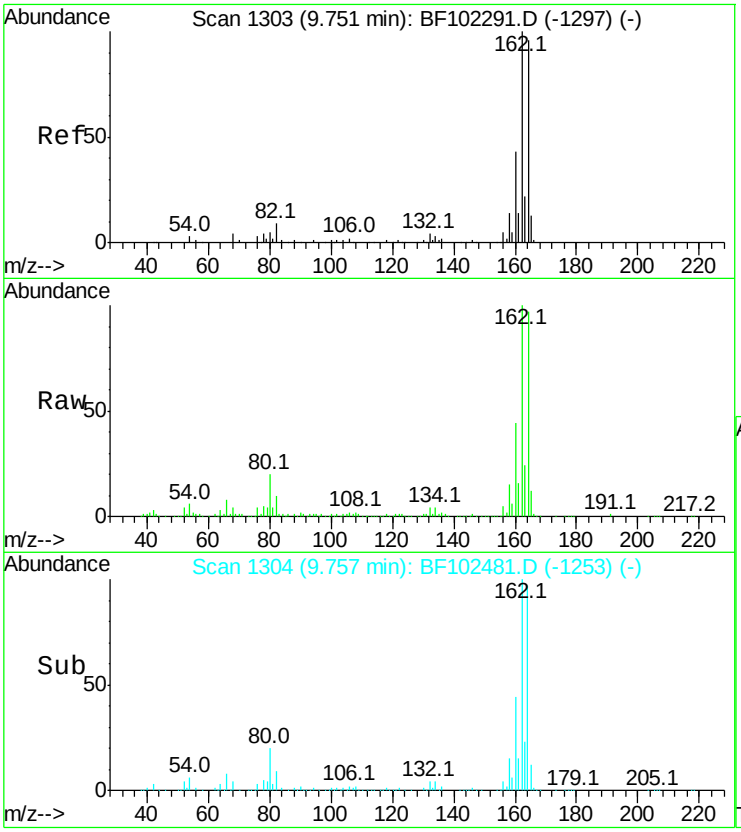


#31
Naphthalene
Concen: 3.211 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:128 Resp: 109493

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.1	10.9	16.3



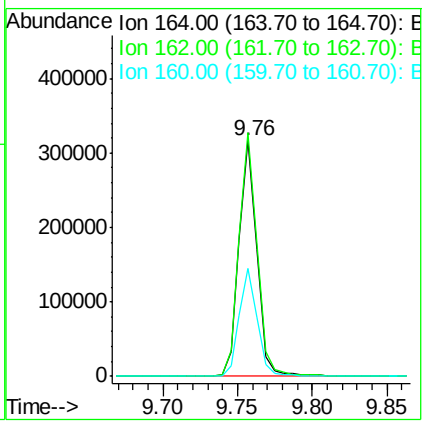


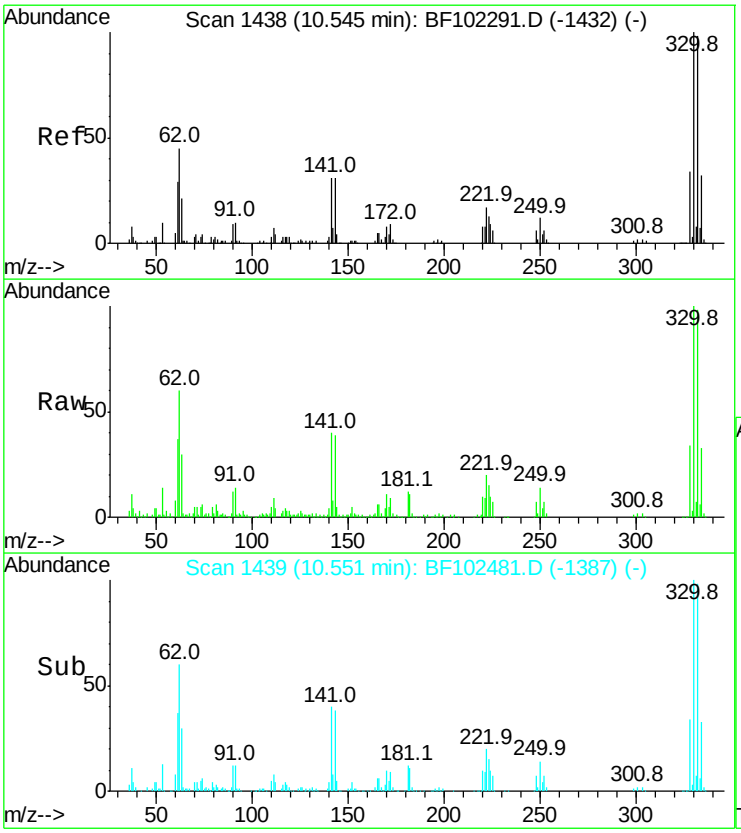
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 264608

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.6	38.3	57.5

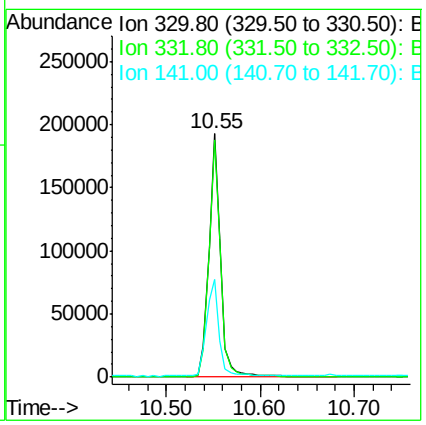


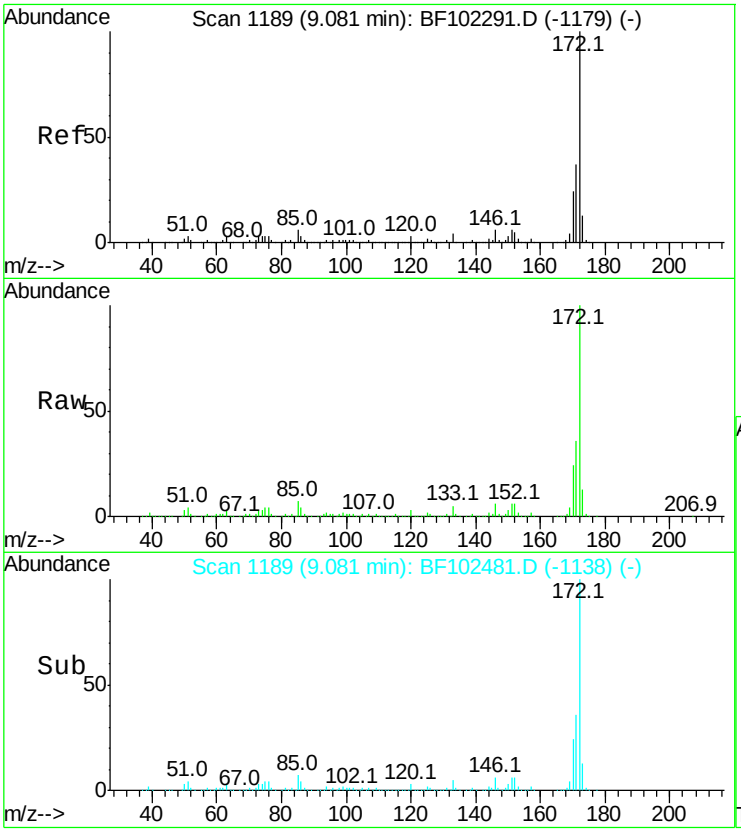


#41
2,4,6-Tribromophenol
Concen: 65.107 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:330 Resp: 170702

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	43.4	29.9	44.9



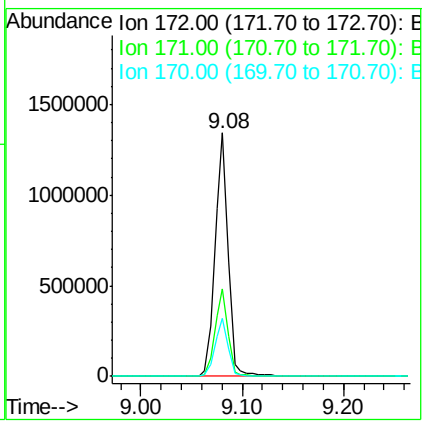


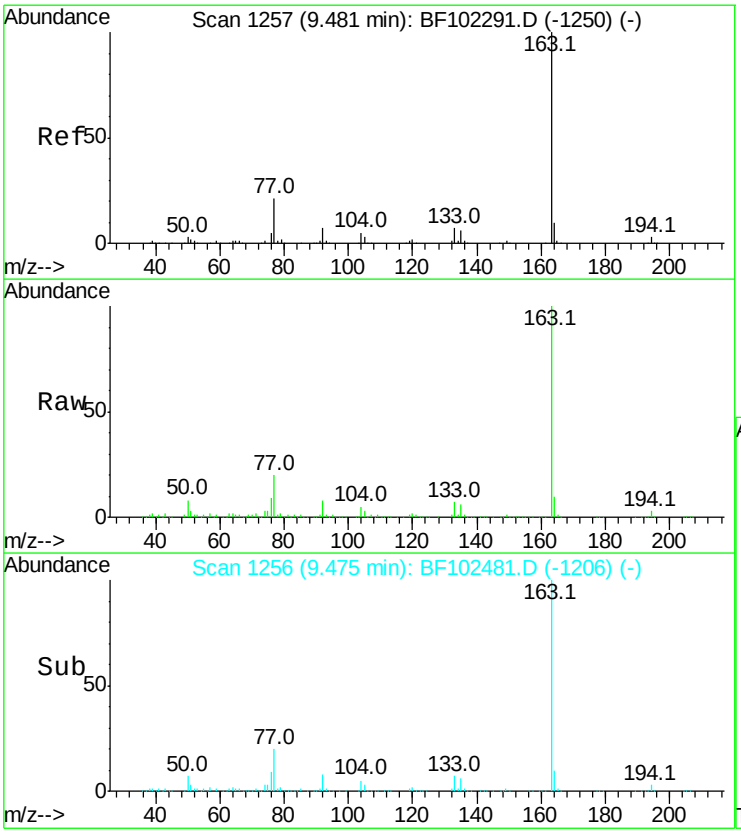
#44
2-Fluorobiphenyl
Concen: 67.025 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1206191

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

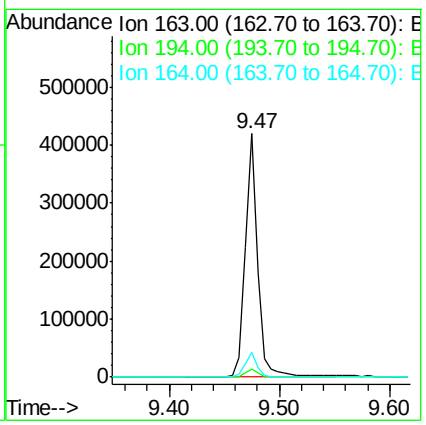


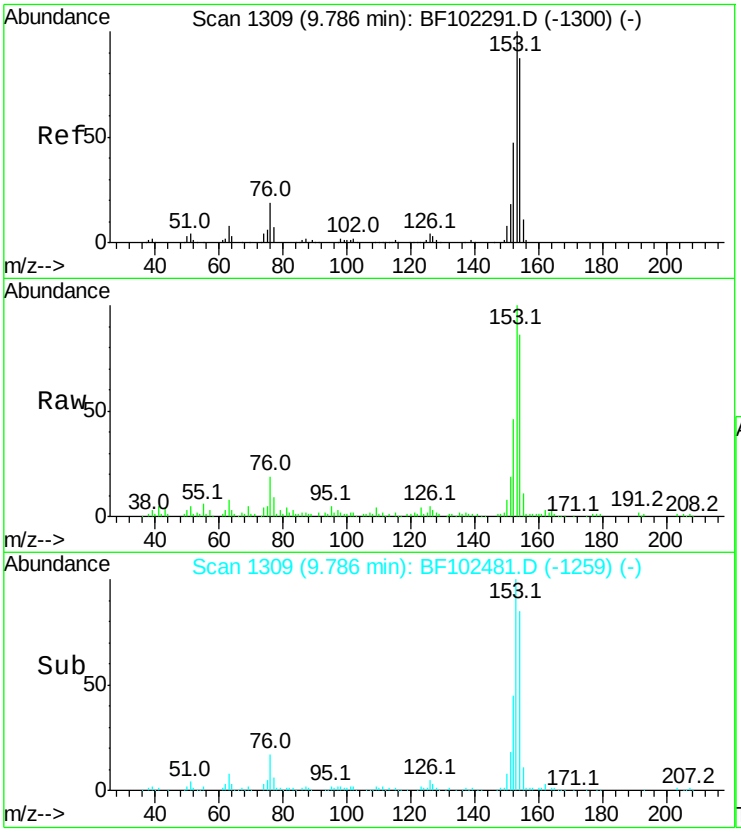


#49
Dimethylphthalate
Concen: 15.136 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:163 Resp: 331043

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2



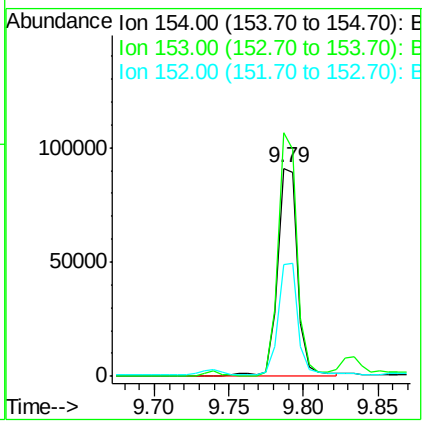


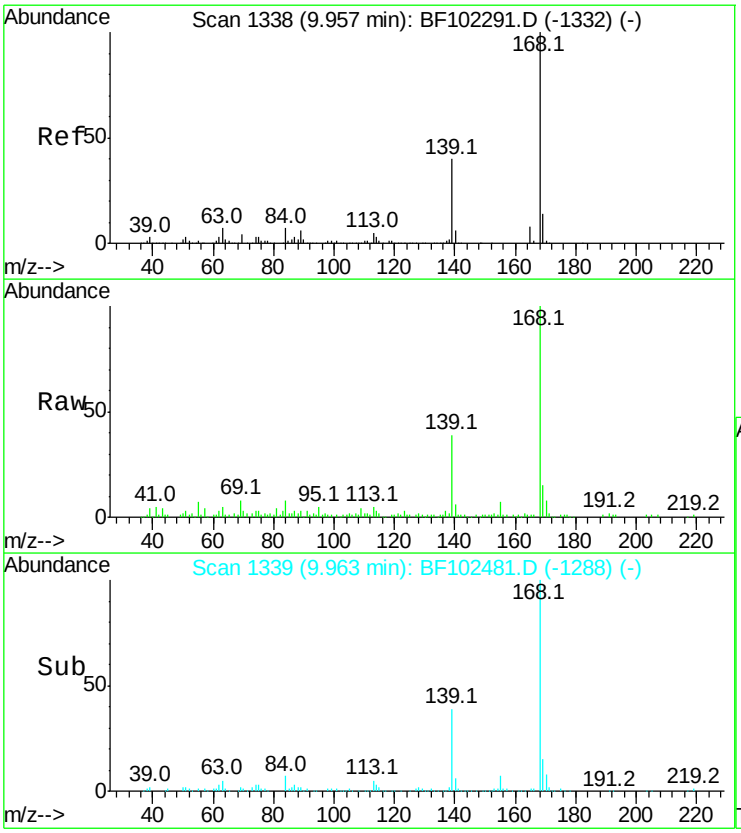
#51
Acenaphthene
Concen: 5.169 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 86495

Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.2	136.8
152	53.7	43.8	65.8

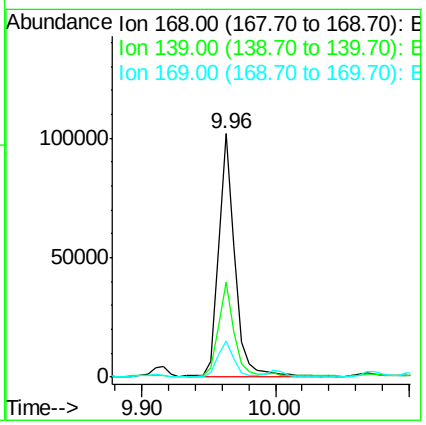


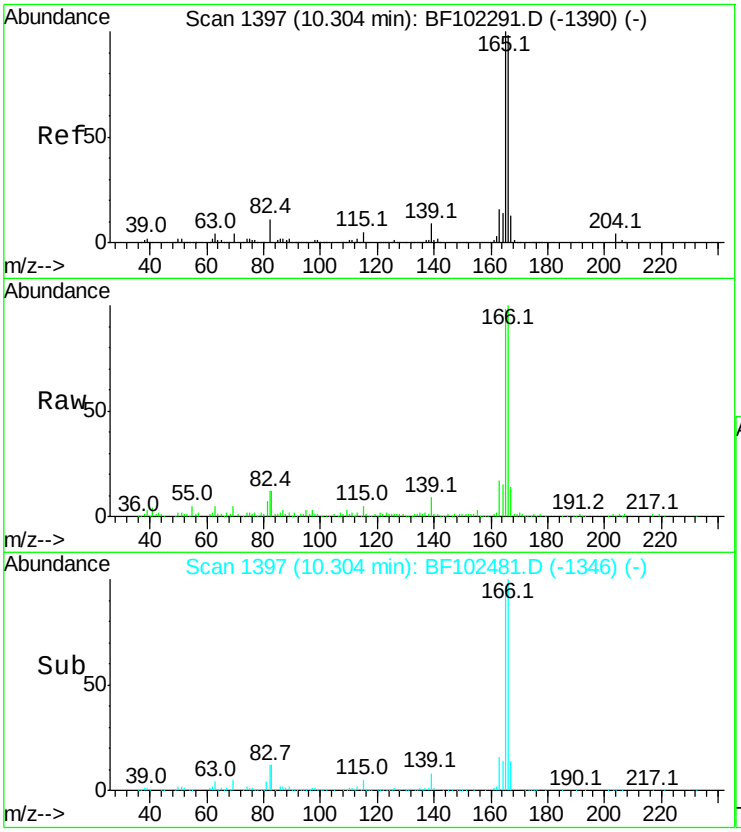


#54
Dibenzofuran
Concen: 3.832 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:168 Resp: 86776

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.9	10.9	16.3



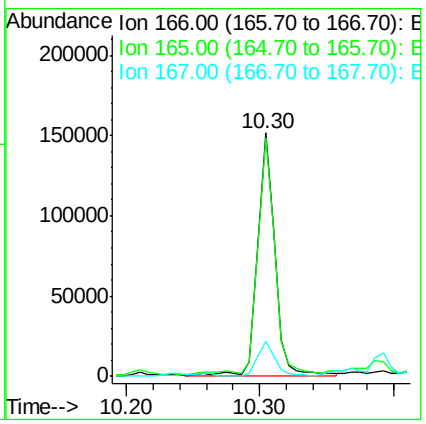


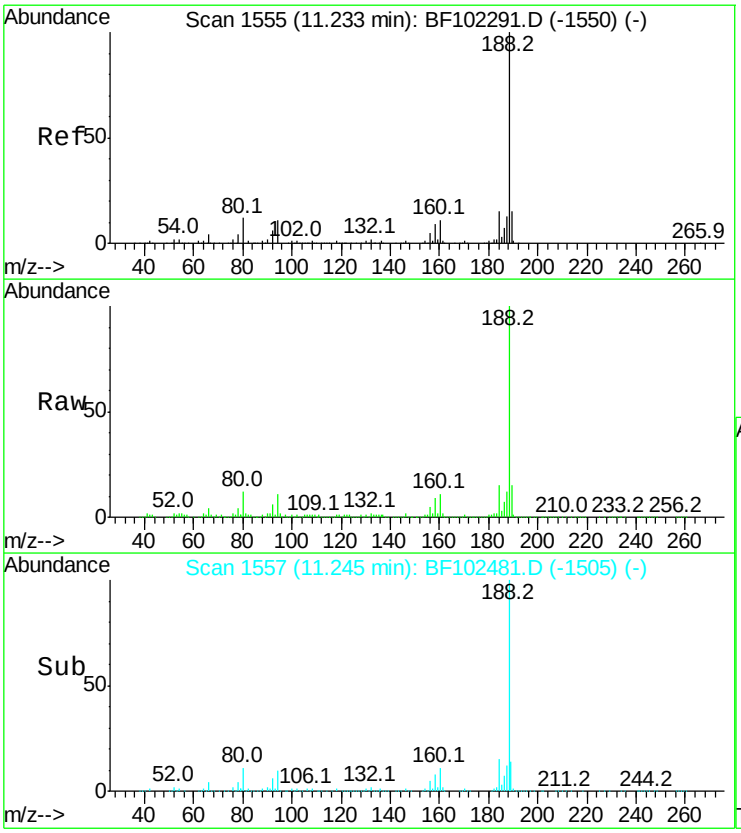
#57
Fluorene
Concen: 7.305 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 131086

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	14.5	10.6	16.0

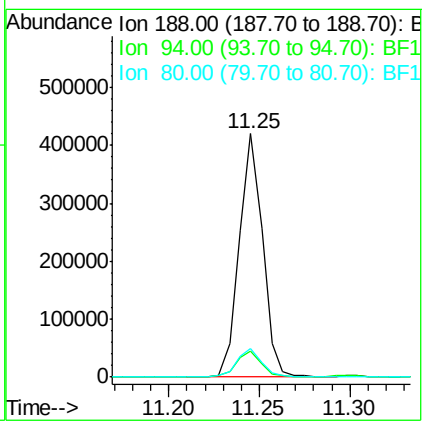


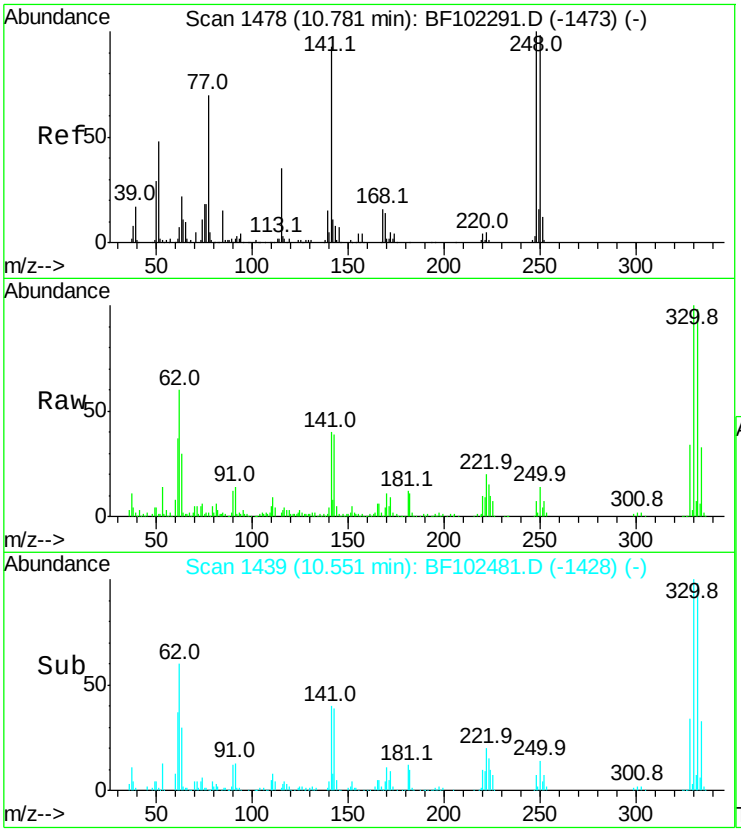


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:188 Resp: 376999

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.5	9.2	13.8



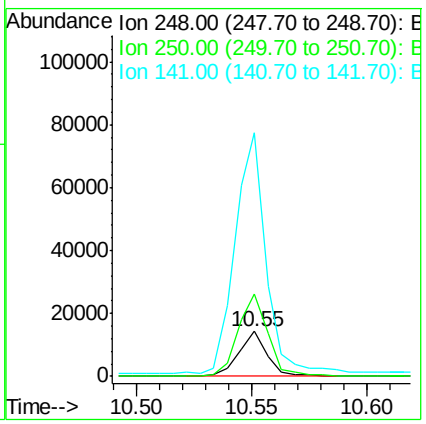


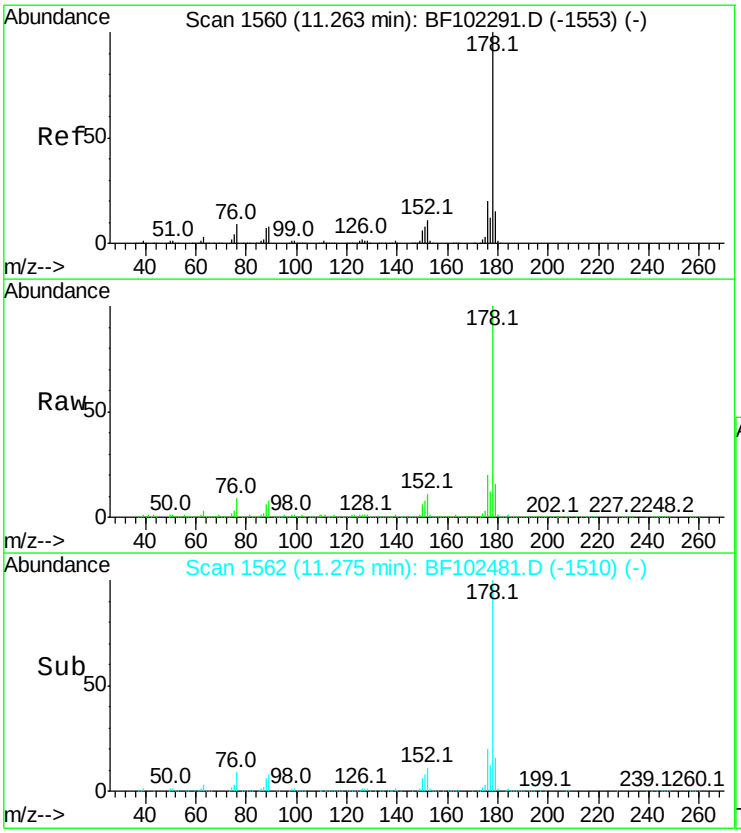
#66
4-Bromophenyl-phenylether
Concen: 3.051 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12384

Ion	Ratio	Lower	Upper
248	100		
250	184.1	76.9	115.3#
141	543.6	74.4	111.6#

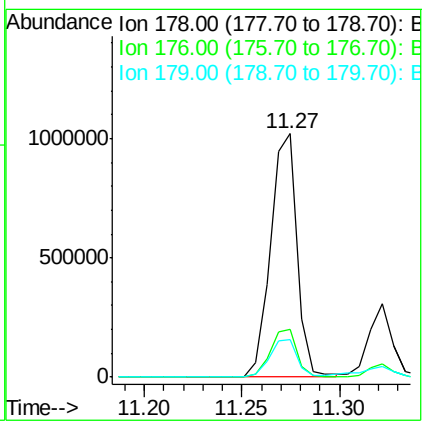


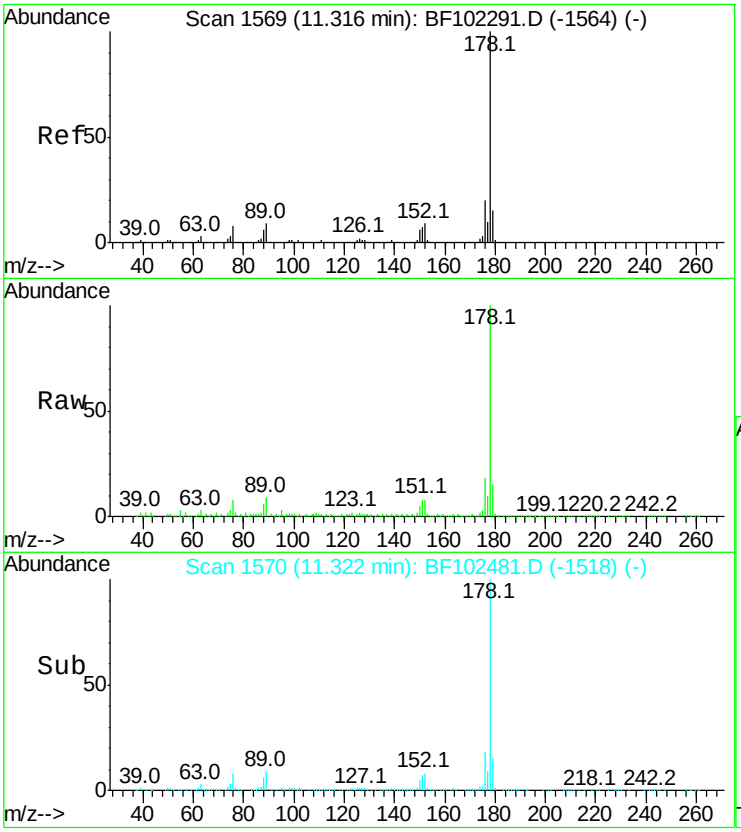


#70
Phenanthrene
Concen: 43.438 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:178 Resp: 954279

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6



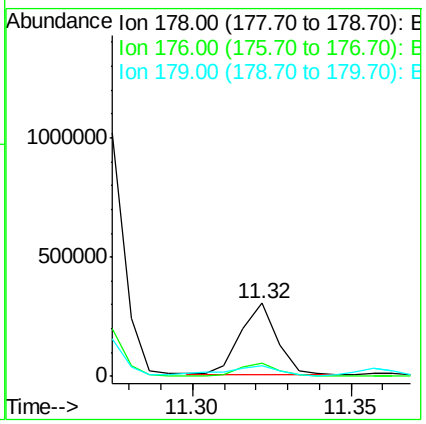


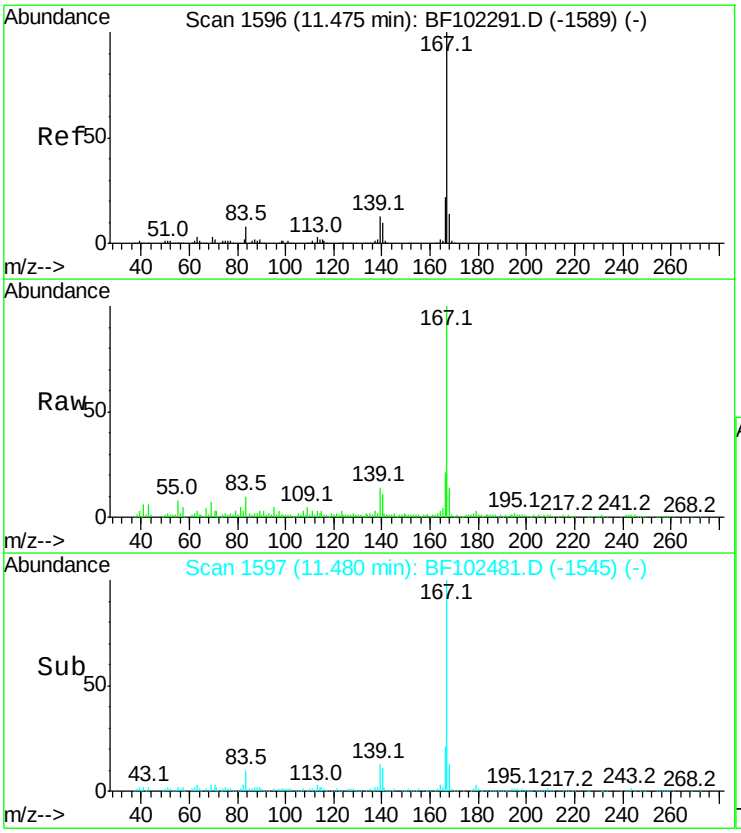
#71
Anthracene
Concen: 10.850 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 243280

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.6	19.0

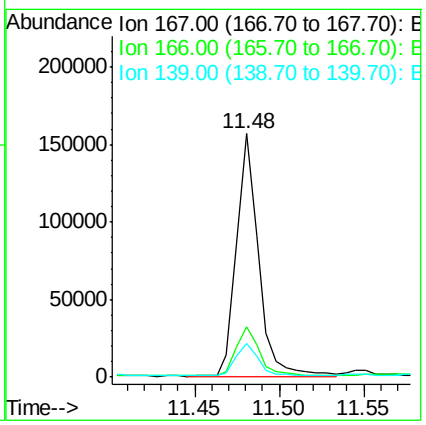


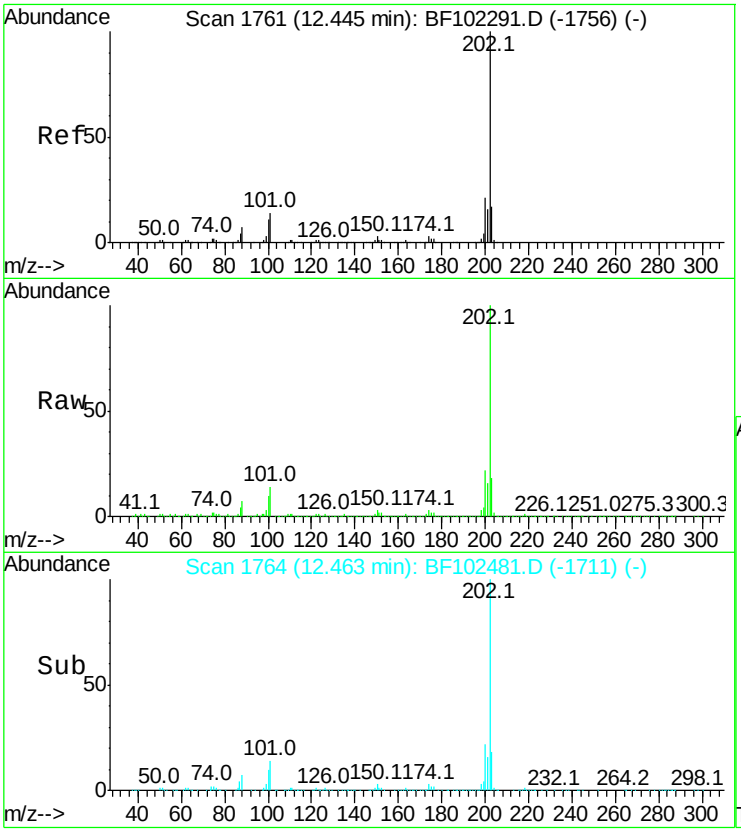


#72
Carbazole
Concen: 6.506 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:167 Resp: 142332

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.6	26.4
139	13.9	10.9	16.3



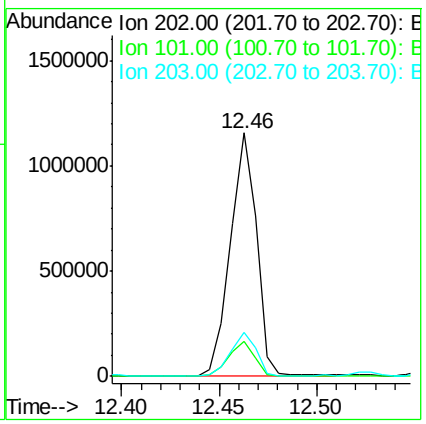


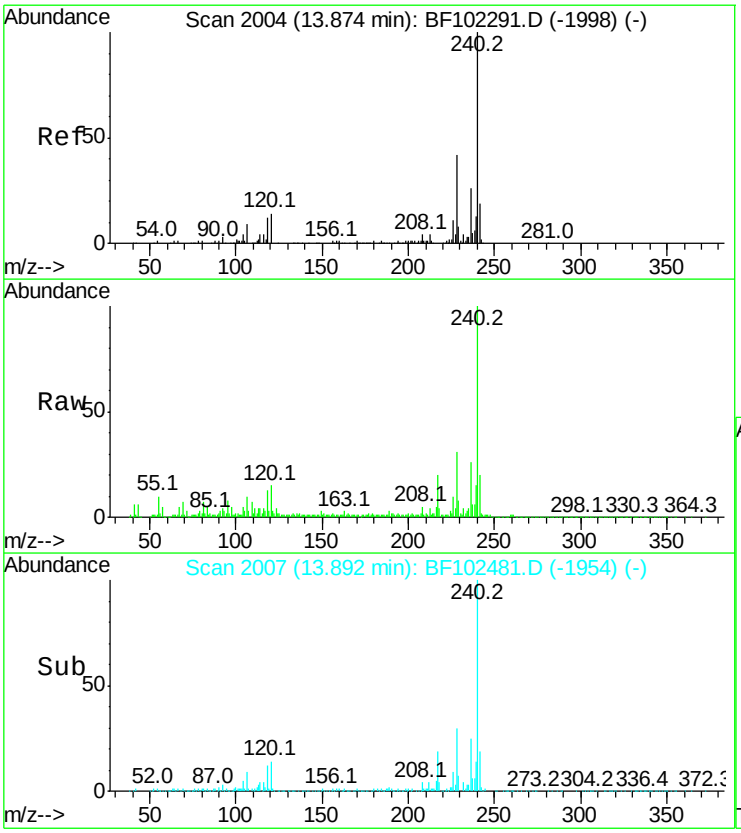
#74
Fluoranthene
Concen: 48.057 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1076607

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	18.0	0.0	38.1

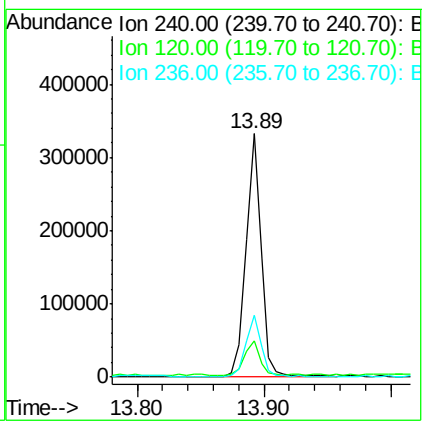


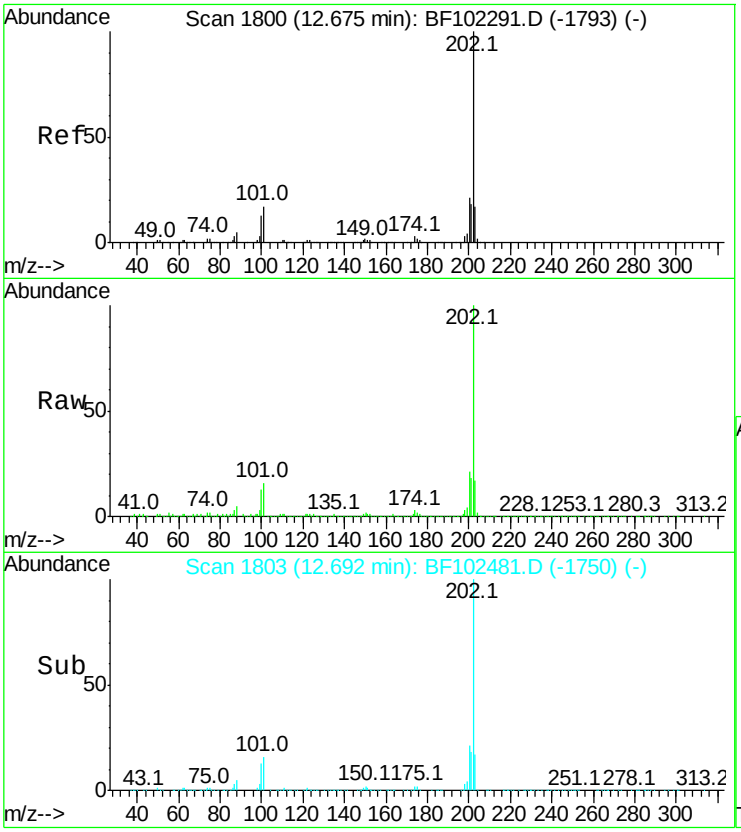


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:240 Resp: 272803

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.6	20.7	31.1



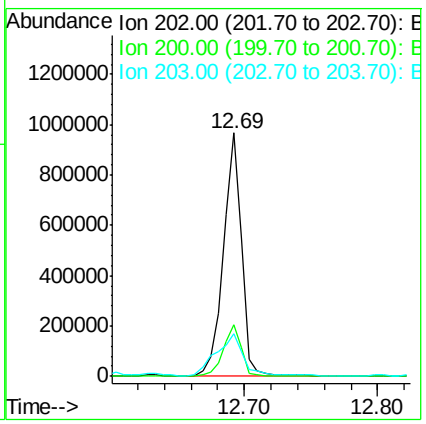


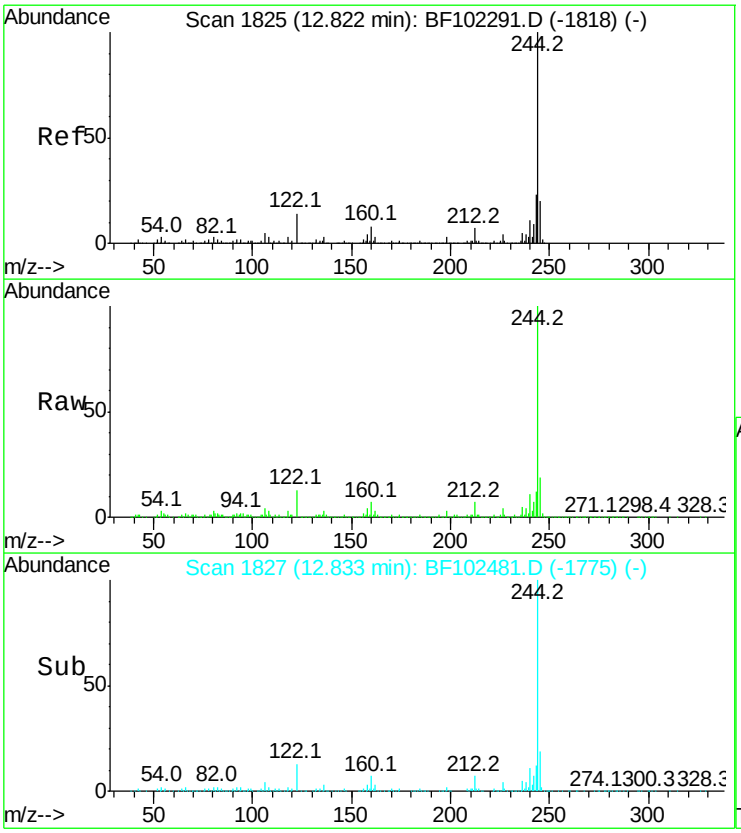
#77
Pyrene
Concen: 43.826 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 924380

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5

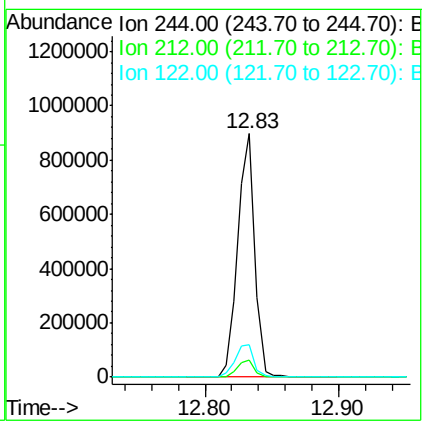


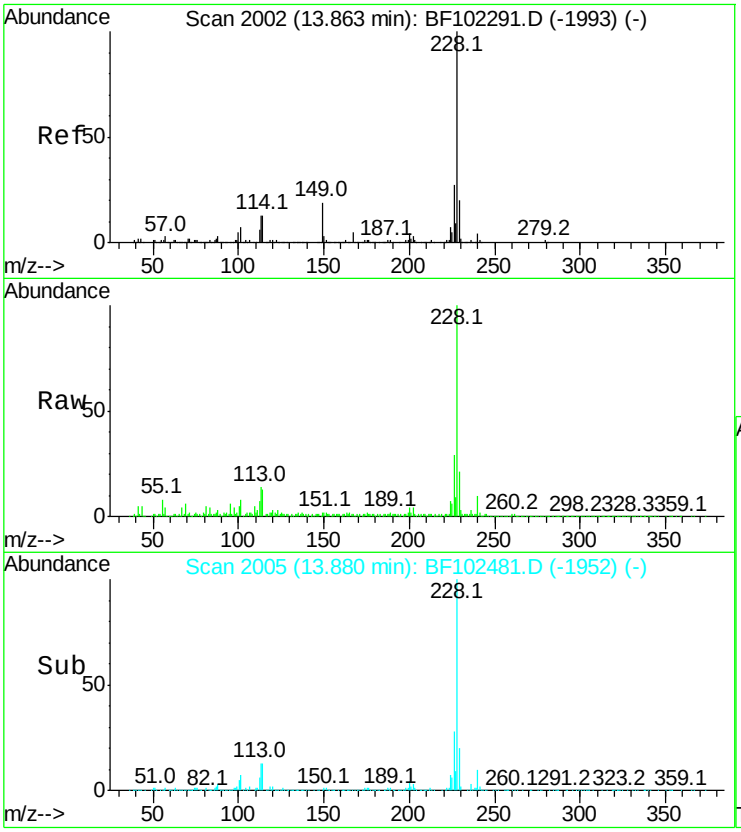


#78
Terphenyl-d14
Concen: 66.451 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:244 Resp: 804130

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4



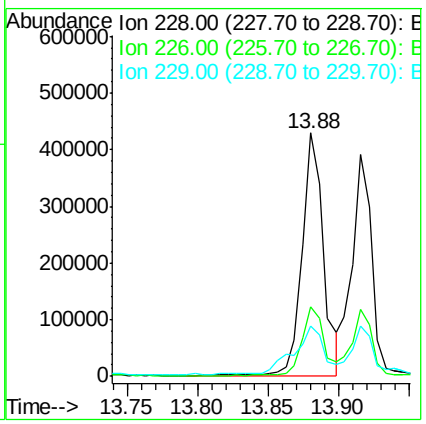


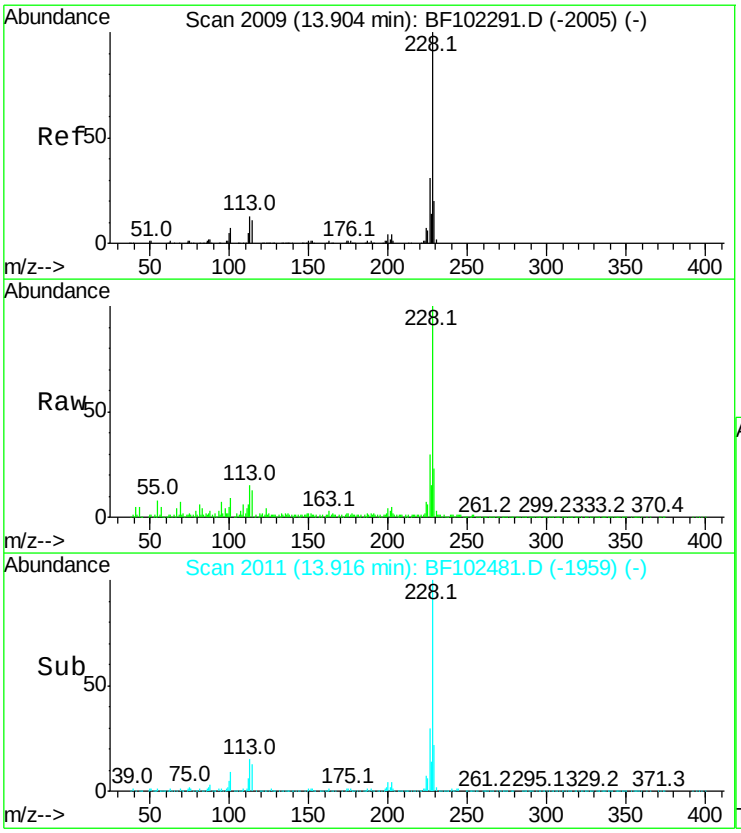
#80
Benzo(a)anthracene
Concen: 26.678 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 448081

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.5	15.8	23.6

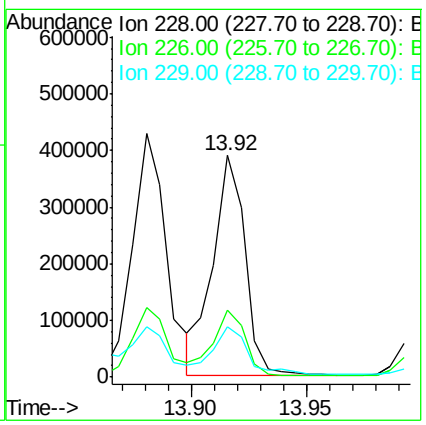


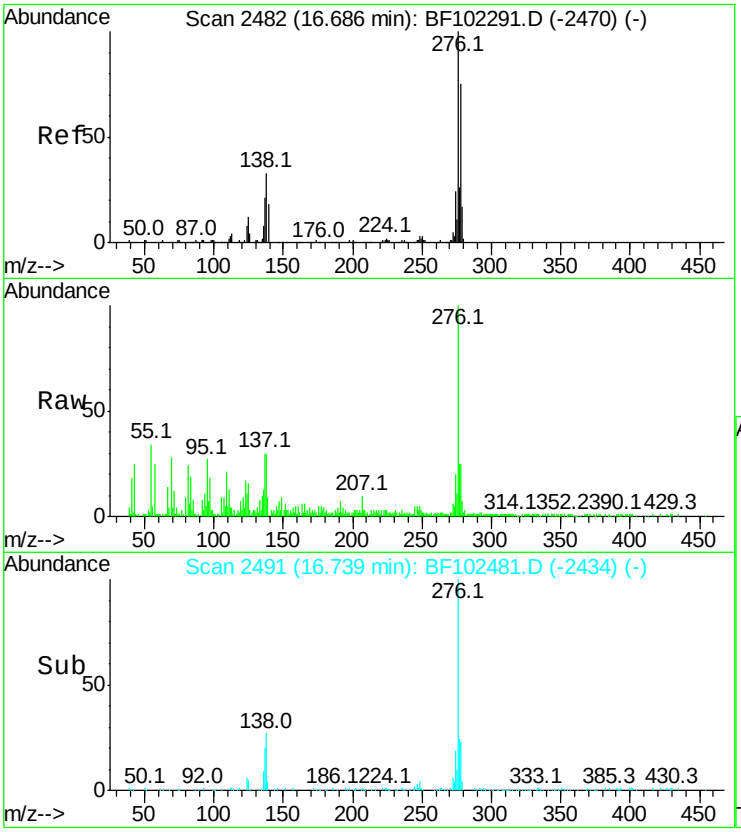


#82
Chrysene
Concen: 22.288 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:228 Resp: 380140

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.9	16.2	24.4



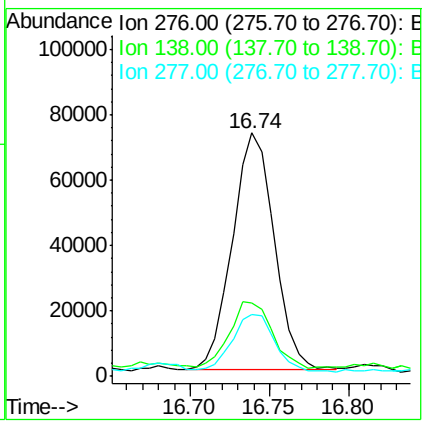


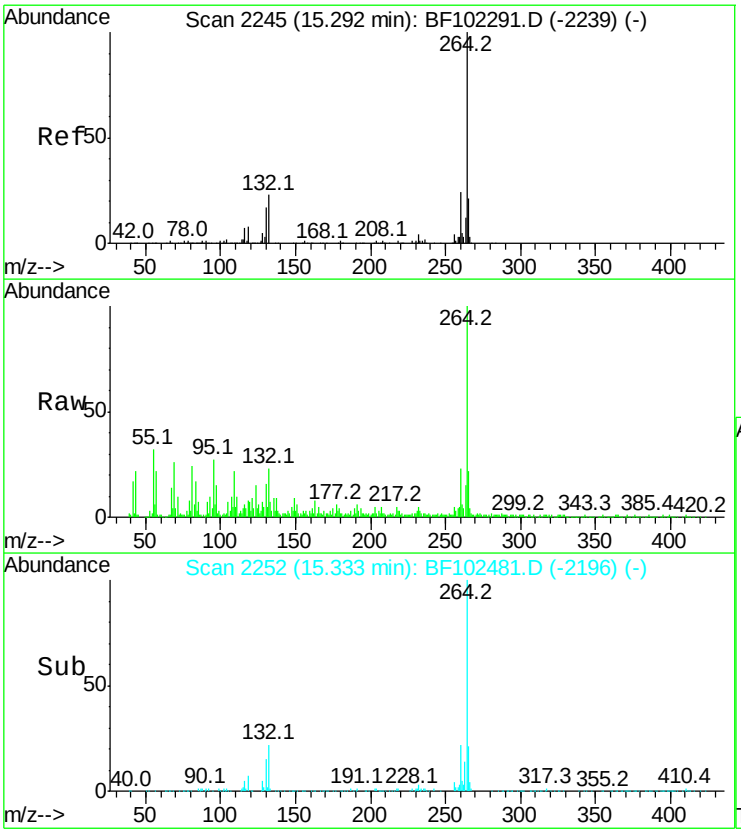
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.395 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.04 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 132330

Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	24.8	20.1	30.1

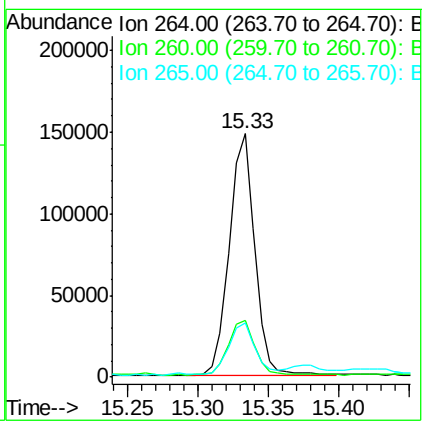


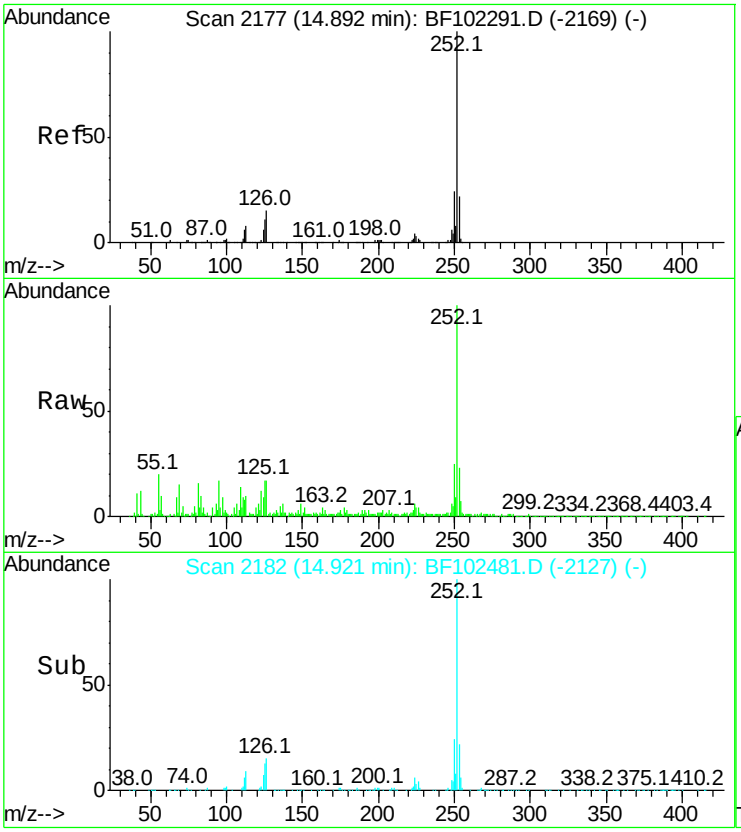


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.03 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:264 Resp: 187424

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.2	17.5	26.3



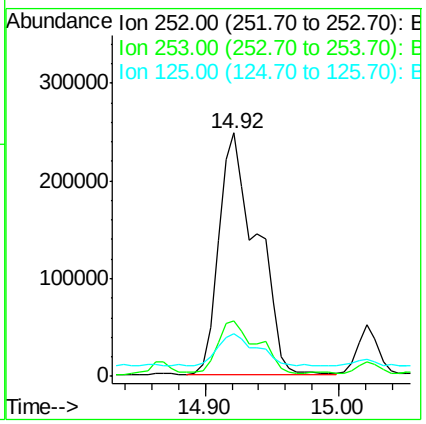


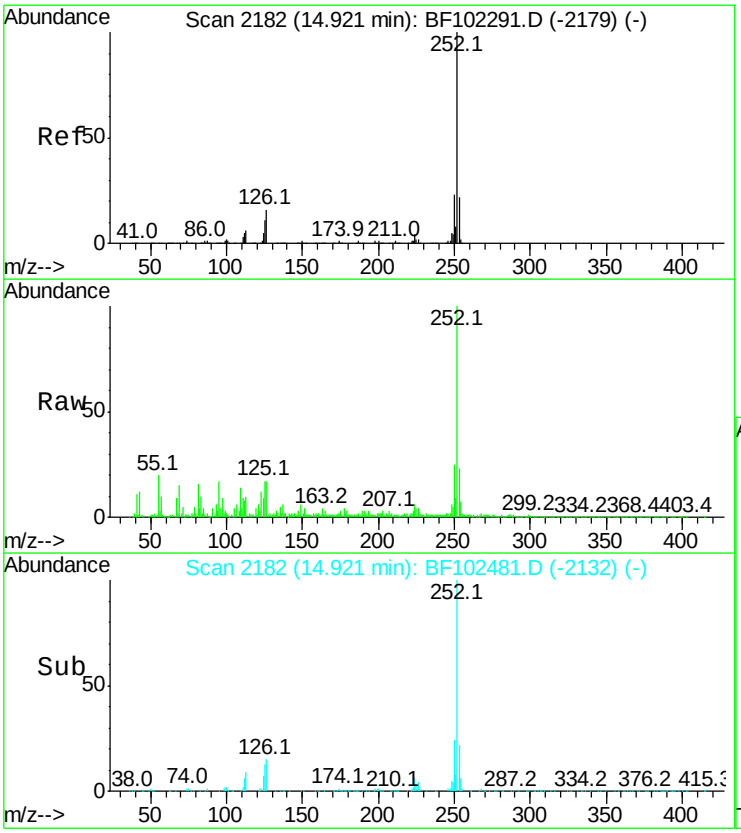
#87
Benzo(b)fluoranthene
Concen: 40.445 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 491326

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	17.3	9.0	13.6#

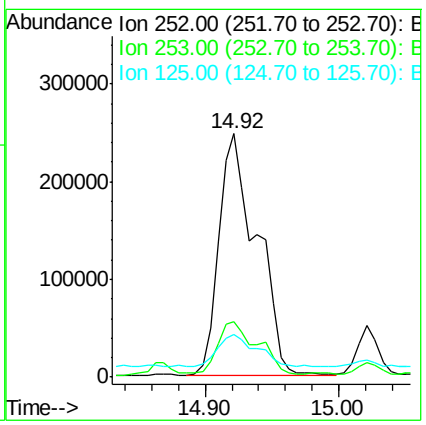


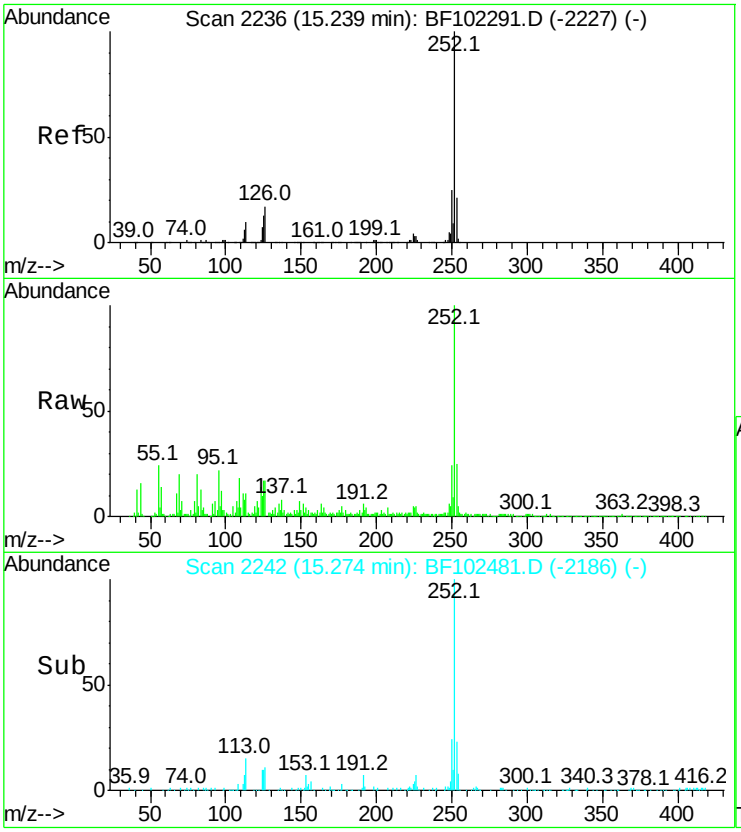


#88
Benzo(k)fluoranthene
Concen: 42.809 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:252 Resp: 491326

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	17.3	10.2	15.2#



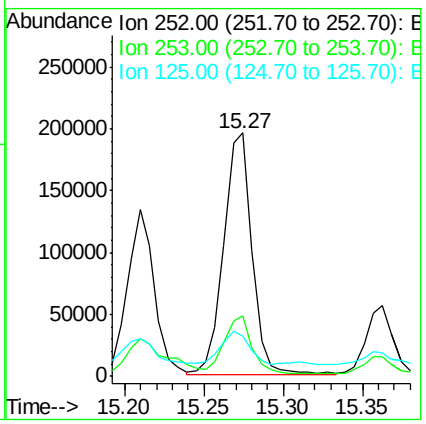


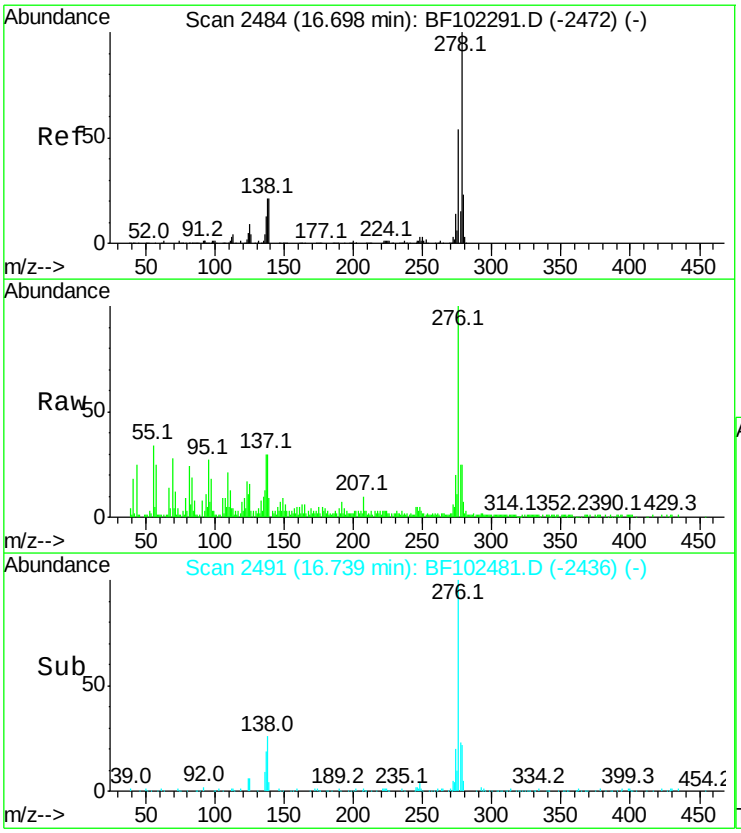
#89
Benzo(a)pyrene
Concen: 21.997 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.03 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 240995

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	16.7	9.8	14.6#

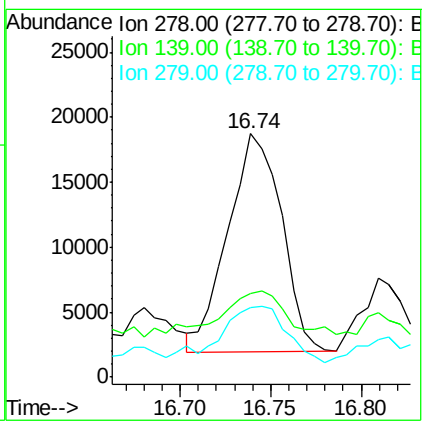


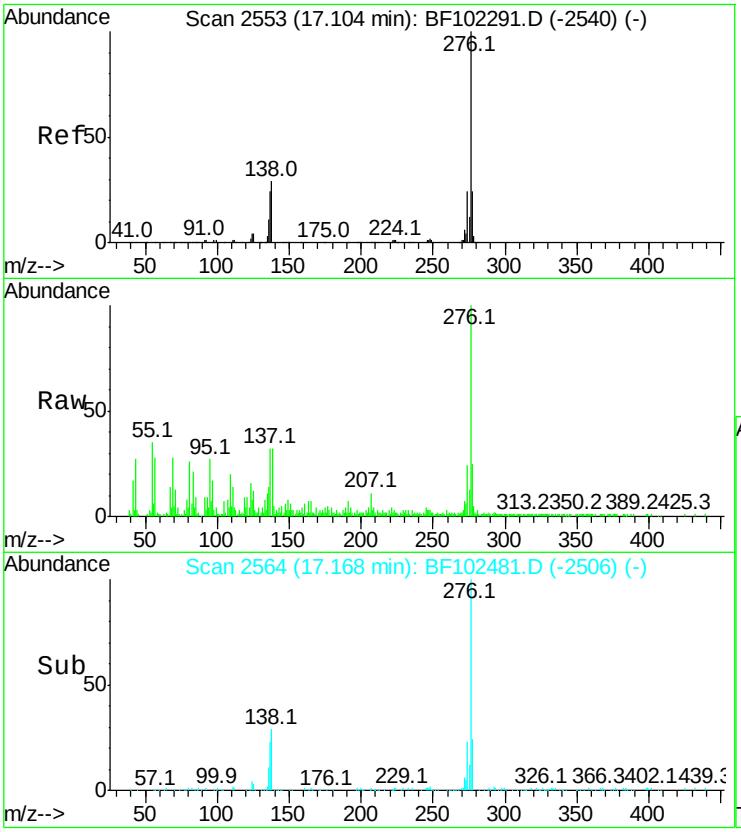


#90
Dibenzo(a,h)anthracene
Concen: 3.896 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Tgt Ion:278 Resp: 34577

Ion	Ratio	Lower	Upper
278	100		
139	34.5	15.9	23.9#
279	28.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 15.064 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.04 min
Lab File: BF102481.D
Acq: 26 Jan 2018 20:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 132003

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	31.7	21.8	32.8