Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102440.D
Acq On : 25 Jan 2018 22:52
Operator : SJ/JU
Sample : J1289-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 00:24:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141722	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	574470	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	242665	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	357220	20.00	ng		0.00
75) Chrysene-d12	13.88	240	239424	20.00	ng		0.00
86) Perylene-d12	15.32	264	212453	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	968546	103.62	ng		0.02
7) Phenol-d6	6.37	99	1155377	102.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	684066	68.43	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	181760	75.59	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	939740	56.94	ng		0.00
78) Terphenyl-d14	12.83	244	598405	56.34	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	19573	2.518	ng		85
19) n-Nitroso-di-n-propylamine	7.29	70	90428	13.113	ng	#	79
25) Isophorone	7.29	82	679362	38.121	ng	#	64
49) Dimethylphthalate	9.47	163	103034	5.137	ng		99
51) Acenaphthene	9.79	154	52280	3.407	ng		97
54) Dibenzofuran	9.96	168	45132	2.173	ng		99
57) Fluorene	10.30	166	45658	2.774	ng		97
66) 4-Bromophenyl-phenylether	10.55	248	11972	3.113	ng	#	1
70) Phenanthrene	11.26	178	440850	21.178	ng		98
71) Anthracene	11.32	178	161880	7.619	ng		99
72) Carbazole	11.47	167	51559	2.487	ng		99
74) Fluoranthene	12.46	202	766727	36.120	ng		97
77) Pyrene	12.69	202	704953	38.082	ng		99
80) Benzo(a)anthracene	13.87	228	364049	24.697	ng		98
82) Chrysene	13.91	228	330190	22.058	ng		97
85) Indeno(1,2,3-cd)pyrene	16.72	276	126904	10.265	ng		97
87) Benzo(b)fluoranthene	14.90	252	481069	34.936	ng	#	92
88) Benzo(k)fluoranthene	14.90	252	481069	36.978	ng	#	95
89) Benzo(a)pyrene	15.26	252	269502	21.701	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	34855	3.465	ng	#	78
91) Benzo(g,h,i)perylene	17.14	276	125575	12.642	ng		94

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

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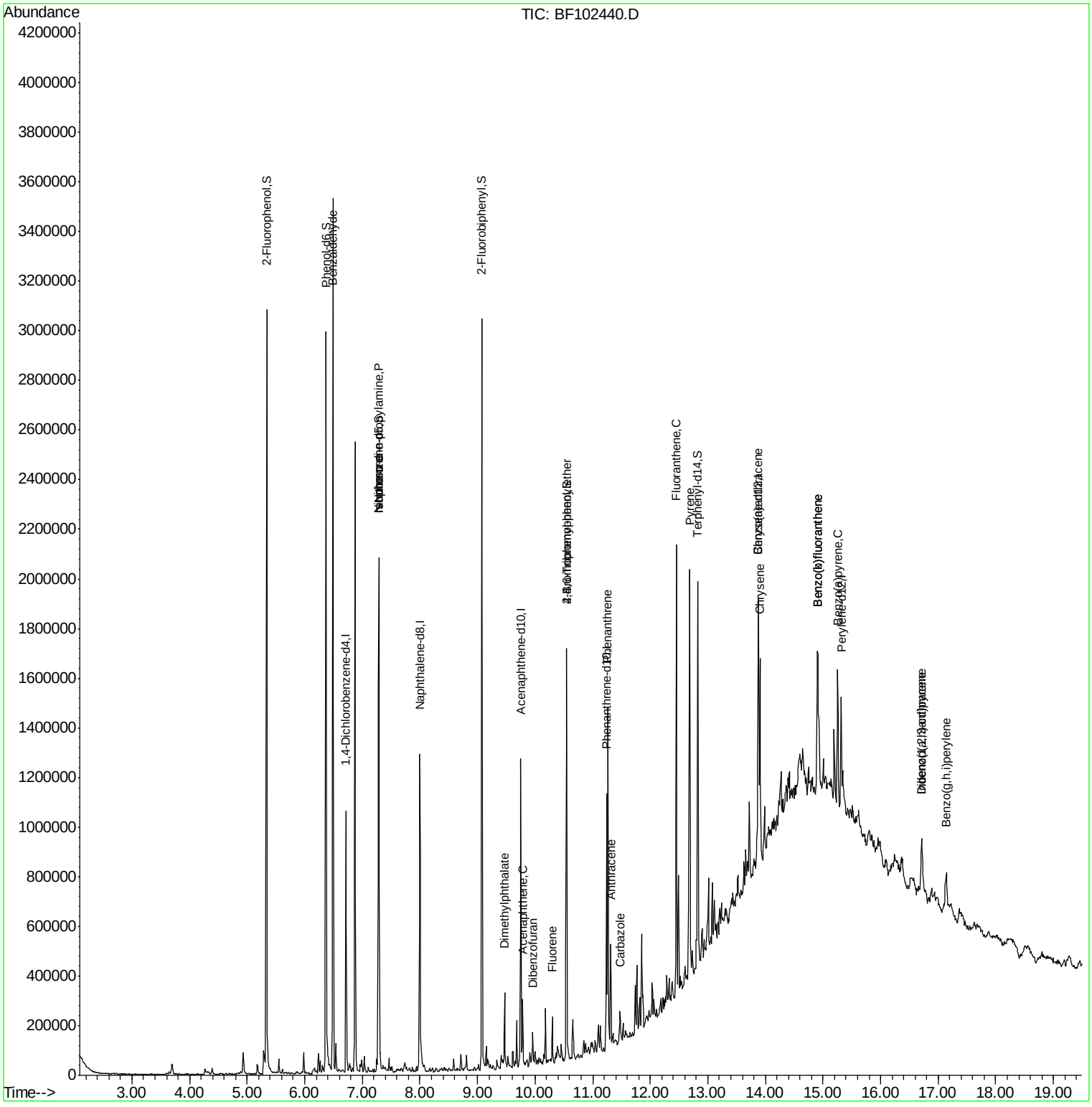
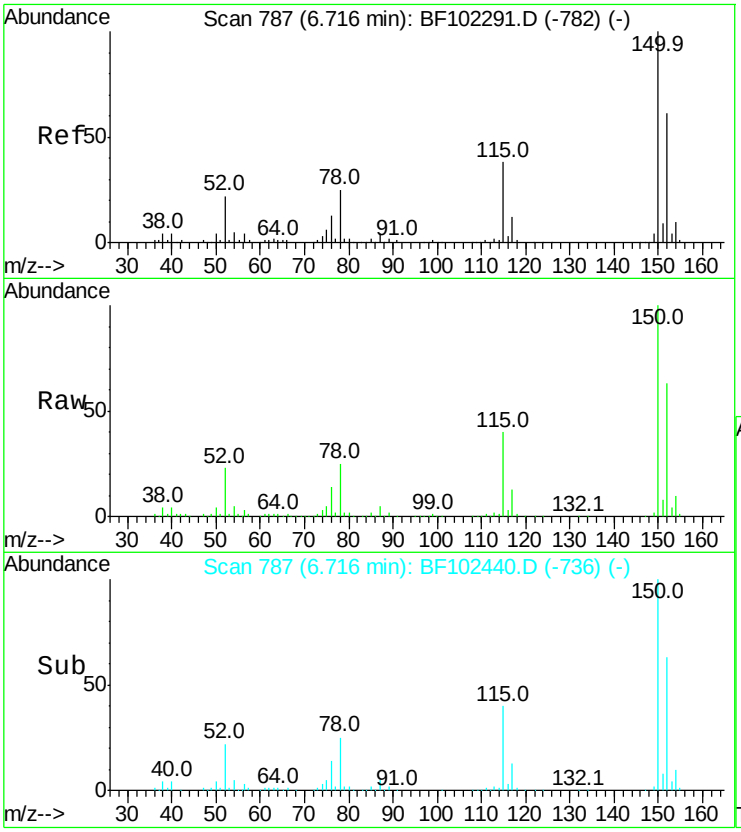


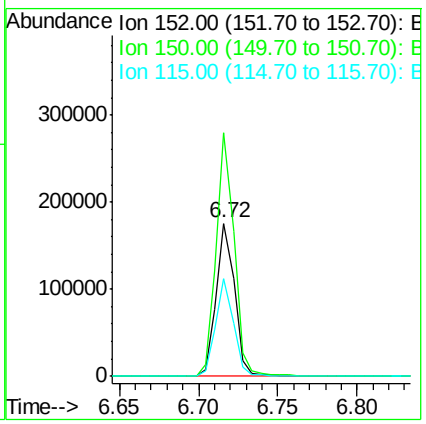


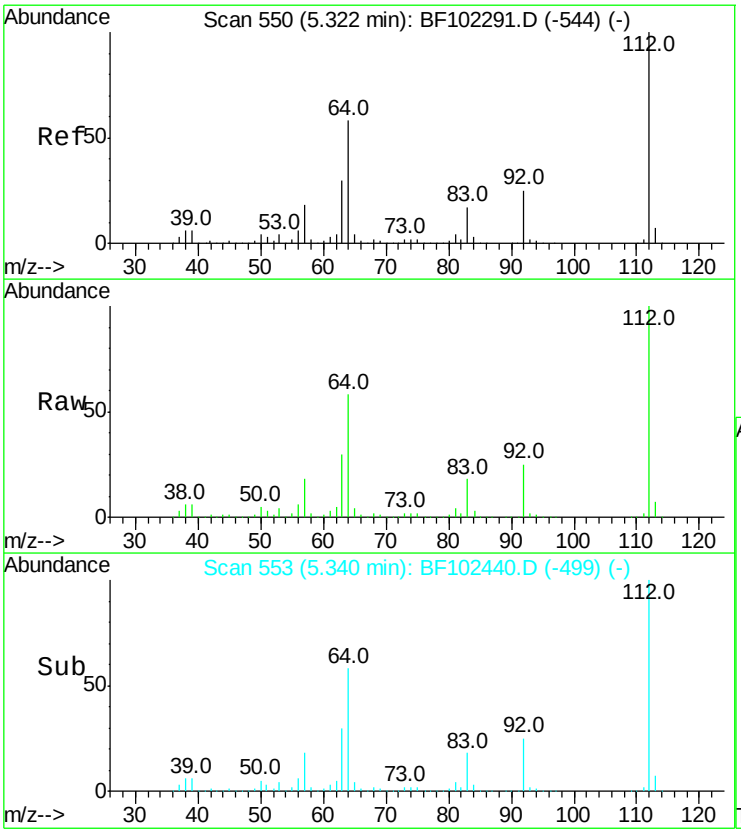
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141722

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	63.7	50.1	75.1

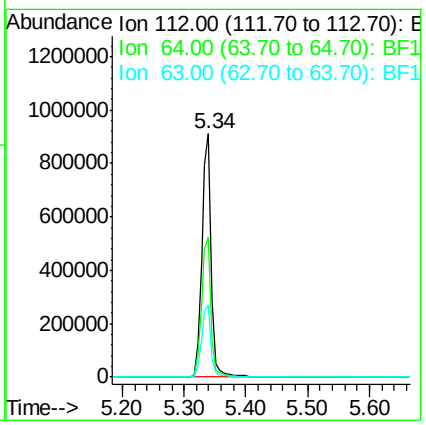


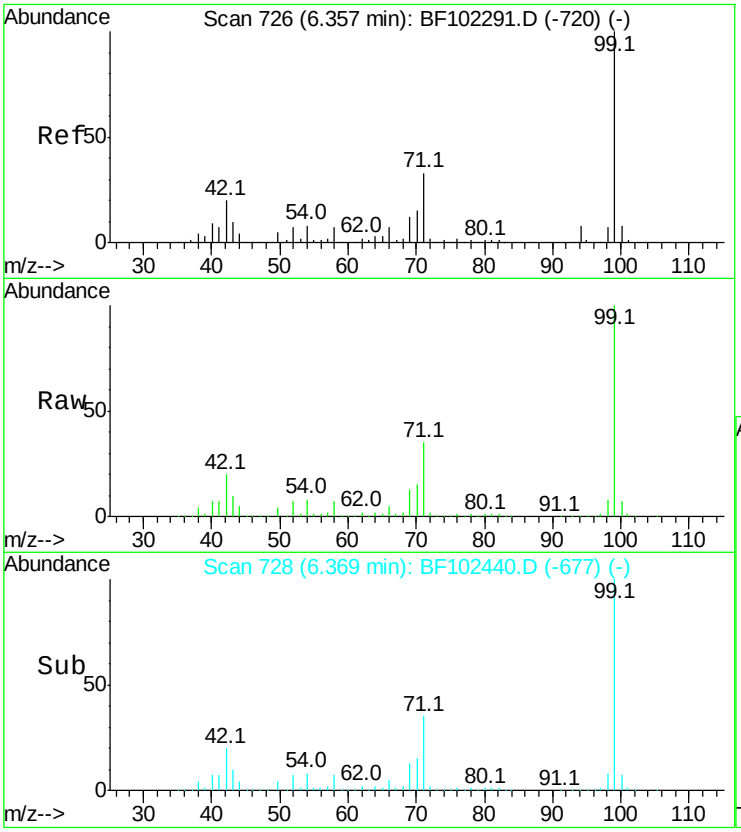


#5
2-Fluorophenol
Concen: 103.623 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:112 Resp: 968546

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	29.9	23.7	35.5



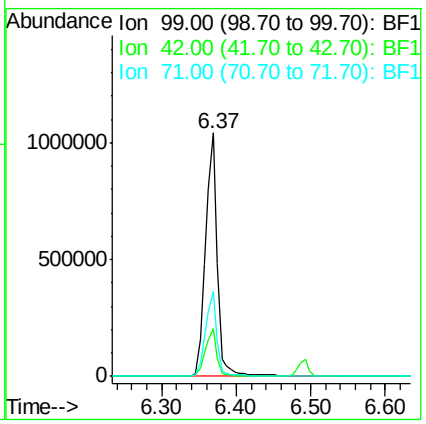


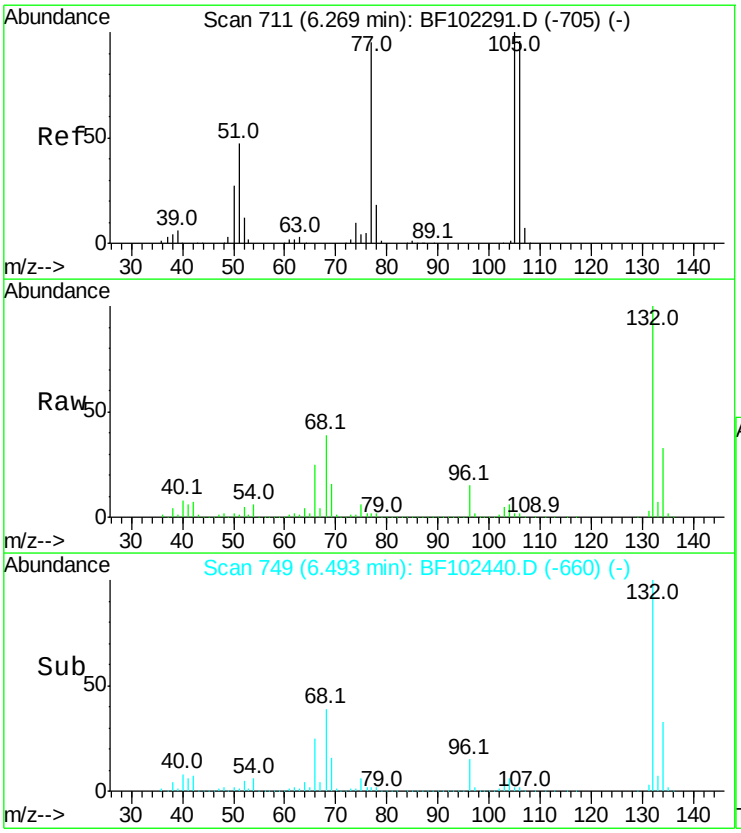
#7
Phenol-d6
Concen: 102.532 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1155377

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	34.7	25.4	38.0

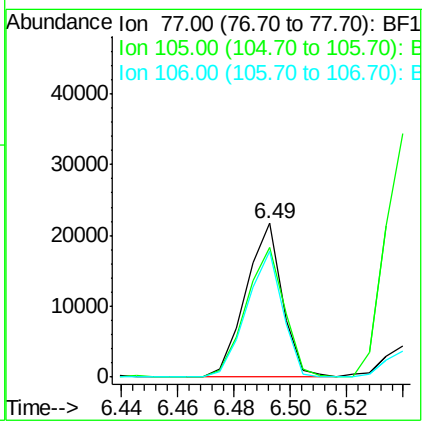


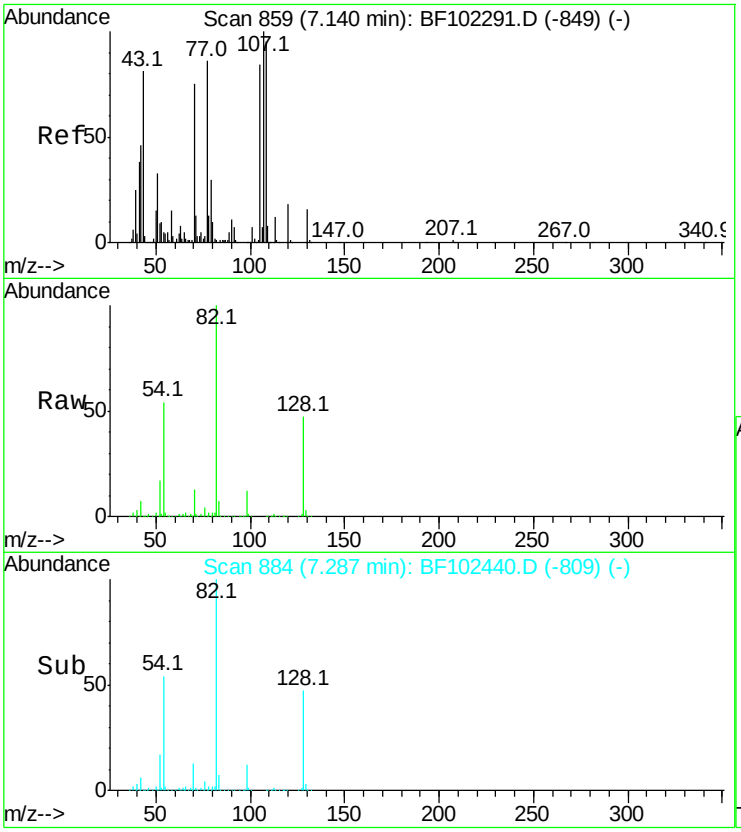


#9
Benzaldehyde
Concen: 2.518 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion: 77 Resp: 19573

Ion	Ratio	Lower	Upper
77	100		
105	84.5	81.1	121.1
106	81.6	74.5	114.5



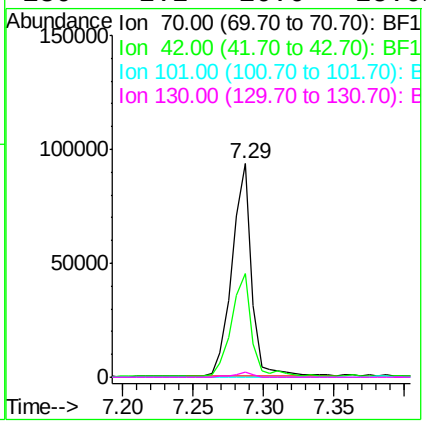


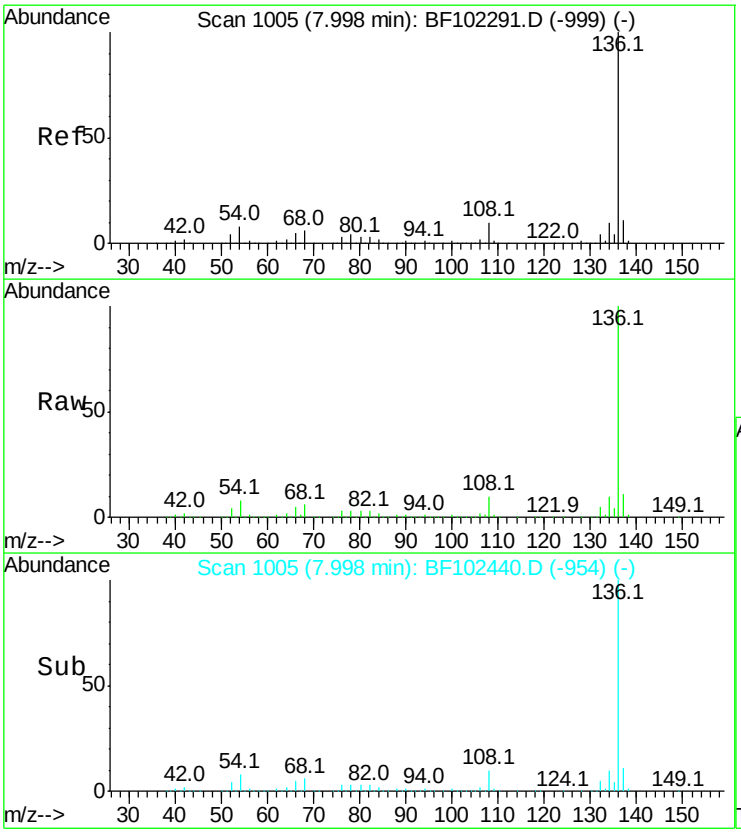
#19
n-Nitroso-di-n-propylamine
Concen: 13.113 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 90428

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

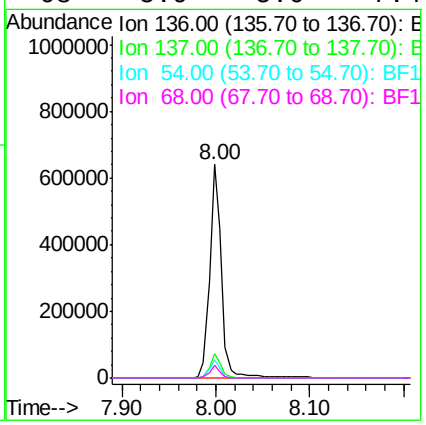


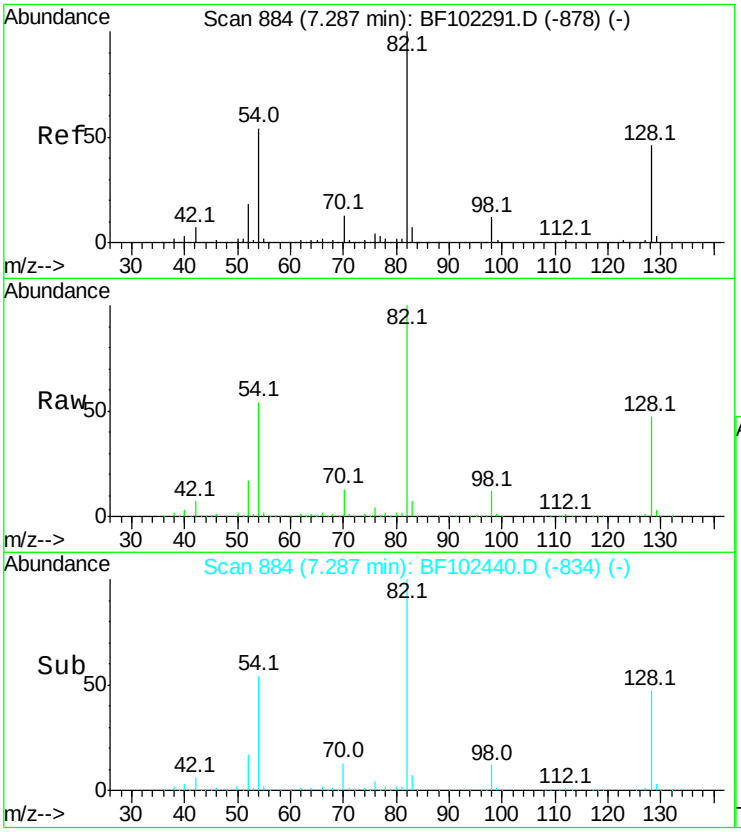


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:136 Resp: 574470

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	5.9	5.0	7.4



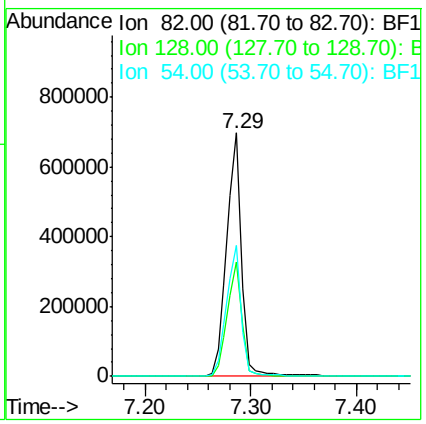


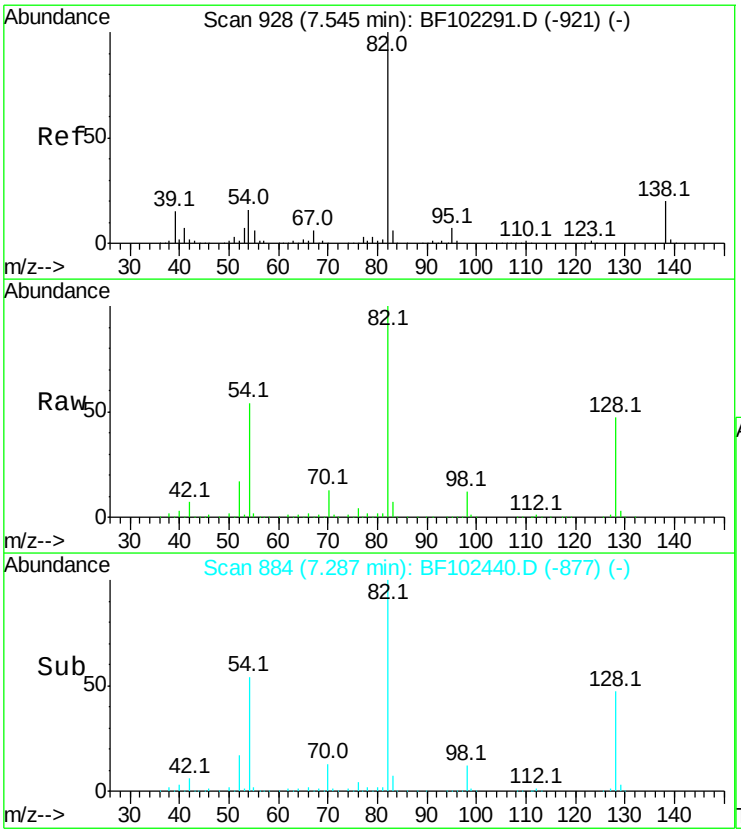
#23
Nitrobenzene-d5
Concen: 68.430 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 684066

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	53.6	41.4	62.2

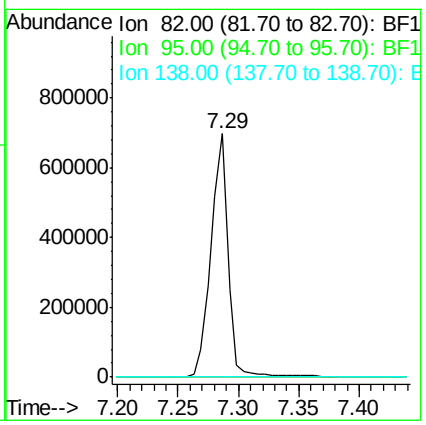


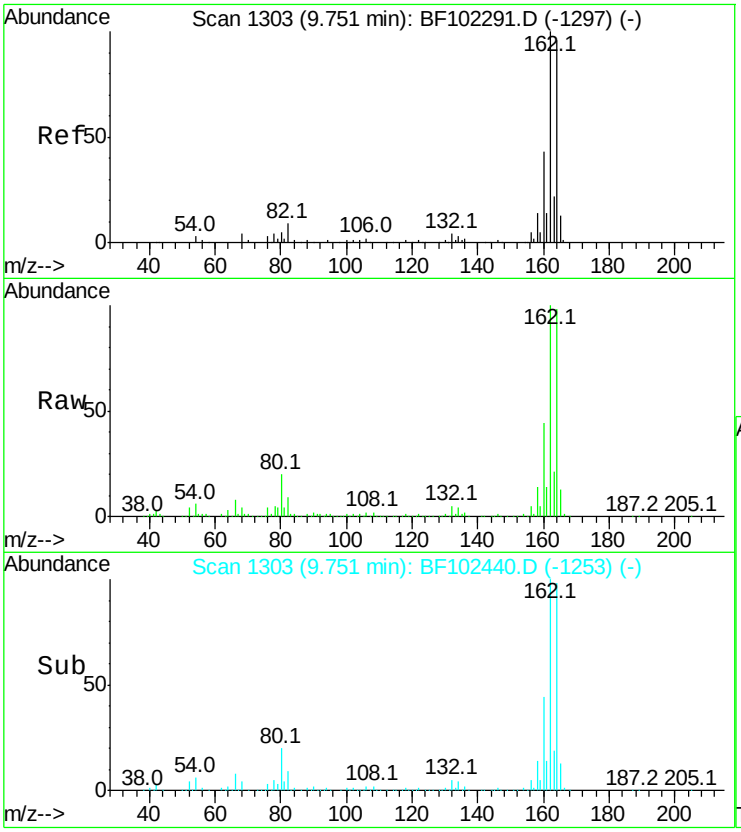


#25
Isophorone
Concen: 38.121 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion: 82 Resp: 679362

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



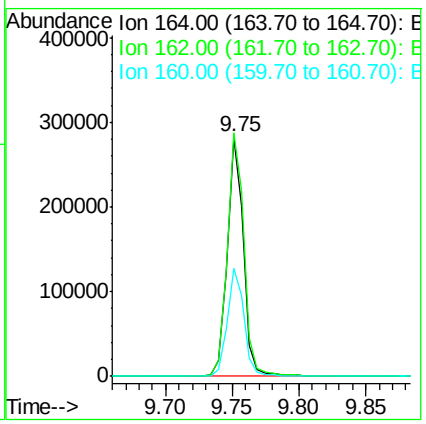


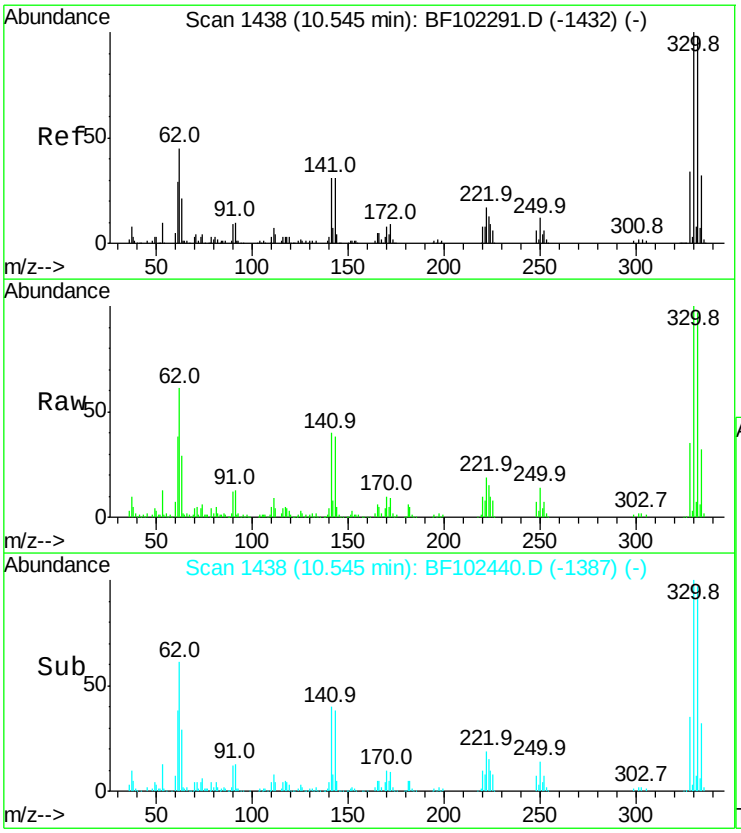
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 242665

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.0	38.3	57.5

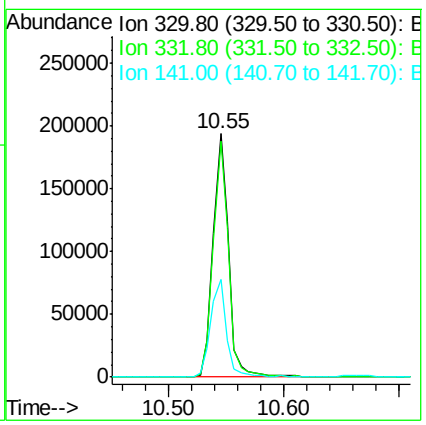


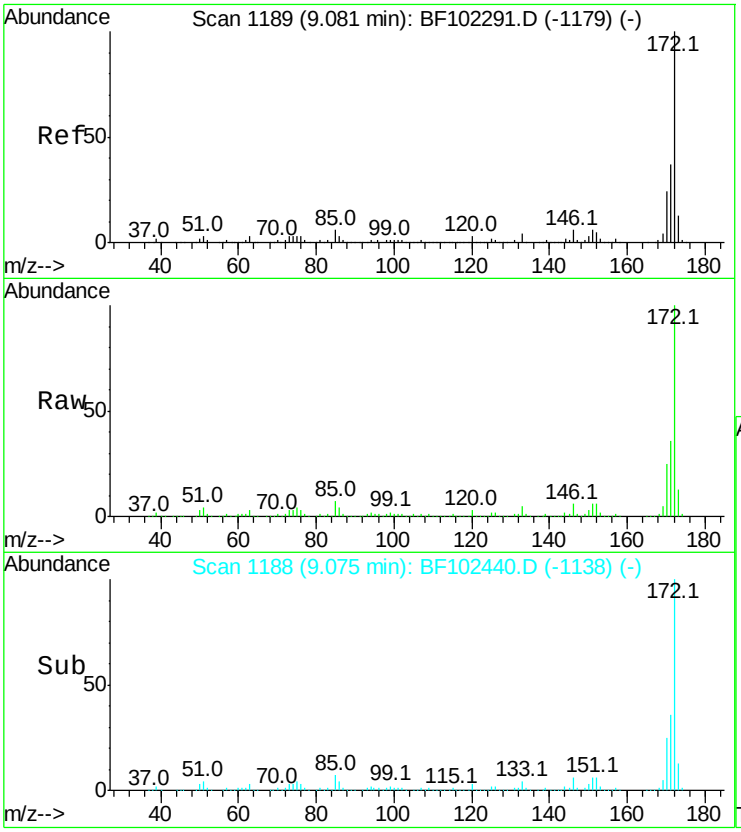


#41
2,4,6-Tribromophenol
Concen: 75.593 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:330 Resp: 181760

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	41.3	29.9	44.9



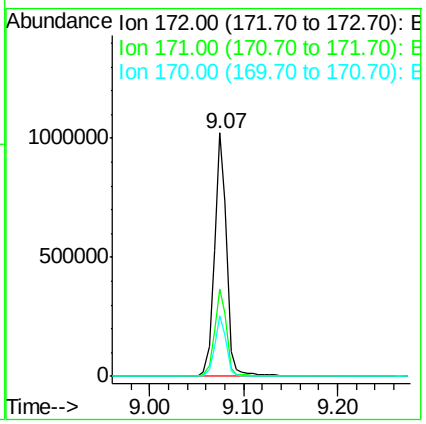


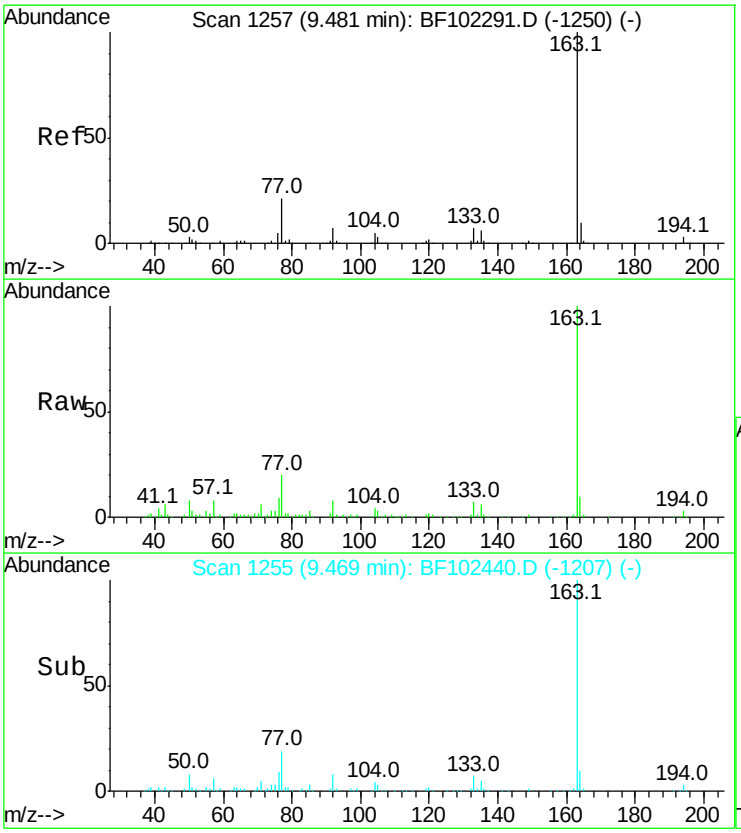
#44
2-Fluorobiphenyl
Concen: 56.941 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 939740

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.9	19.6	29.4

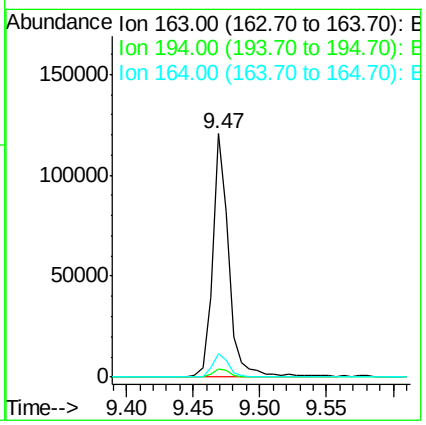


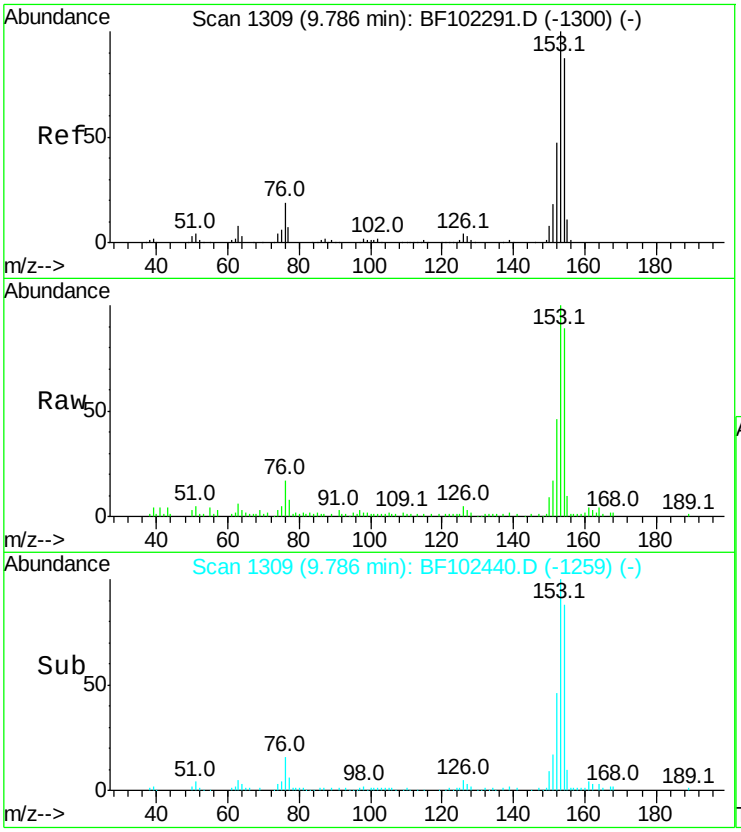


#49
Dimethylphthalate
Concen: 5.137 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:163 Resp: 103034

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2



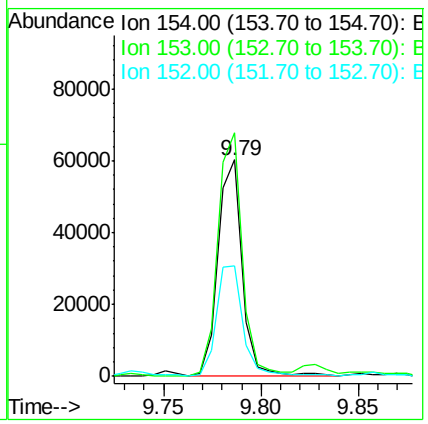


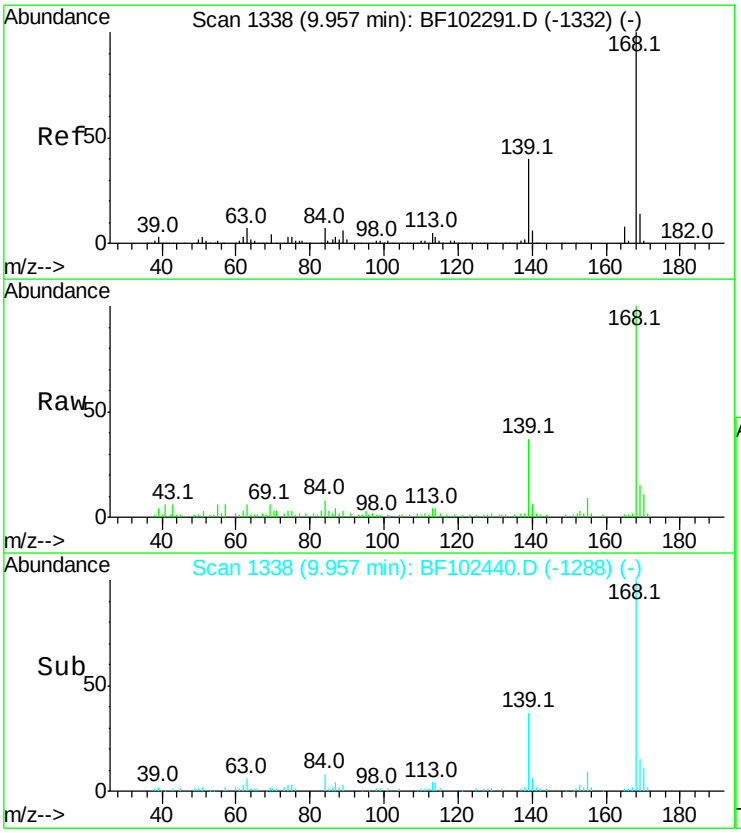
#51
Acenaphthene
Concen: 3.407 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 52280

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	51.2	43.8	65.8

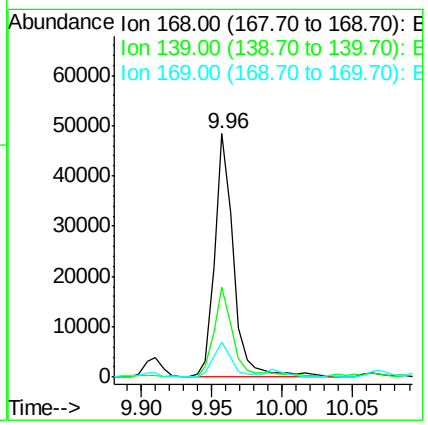


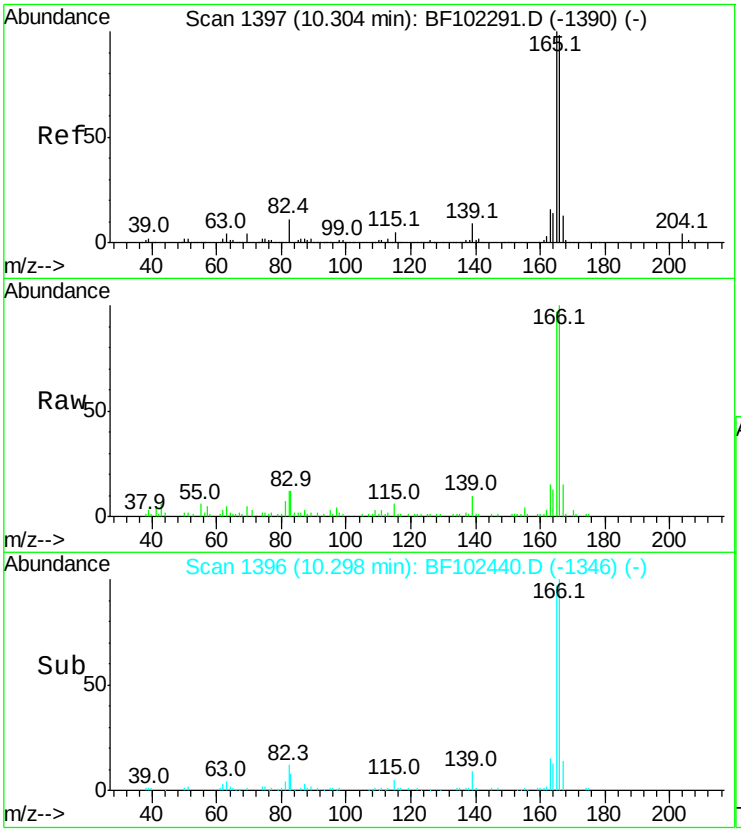


#54
Dibenzofuran
Concen: 2.173 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:168 Resp: 45132

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	14.5	10.9	16.3



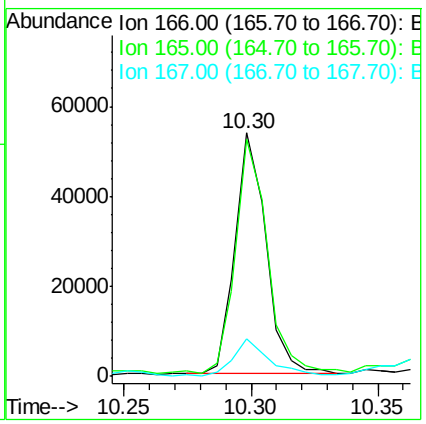


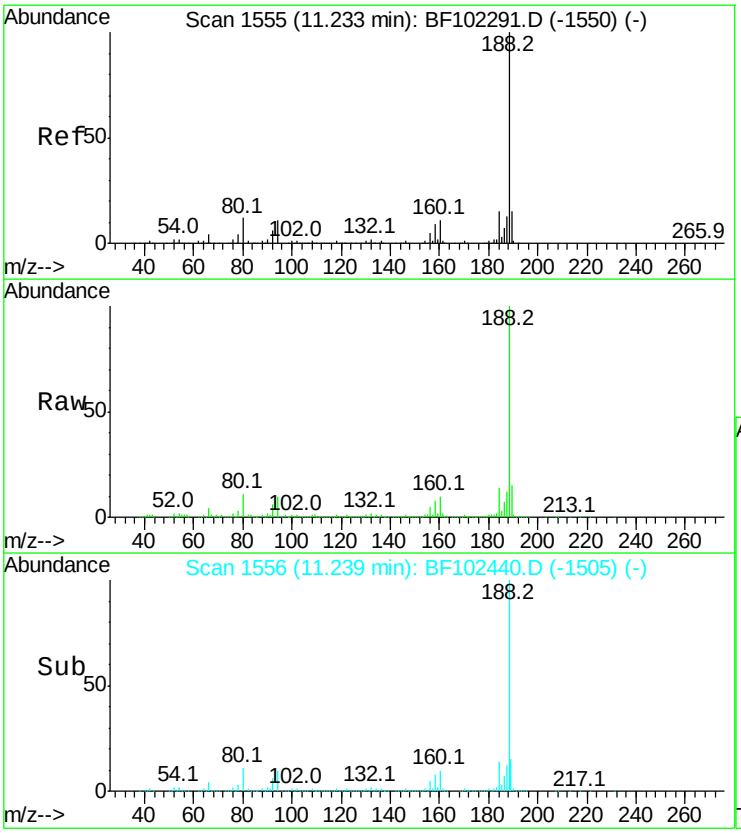
#57
Fluorene
Concen: 2.774 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 45658

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	15.2	10.6	16.0

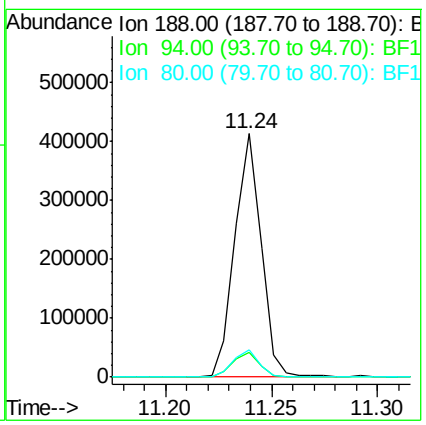


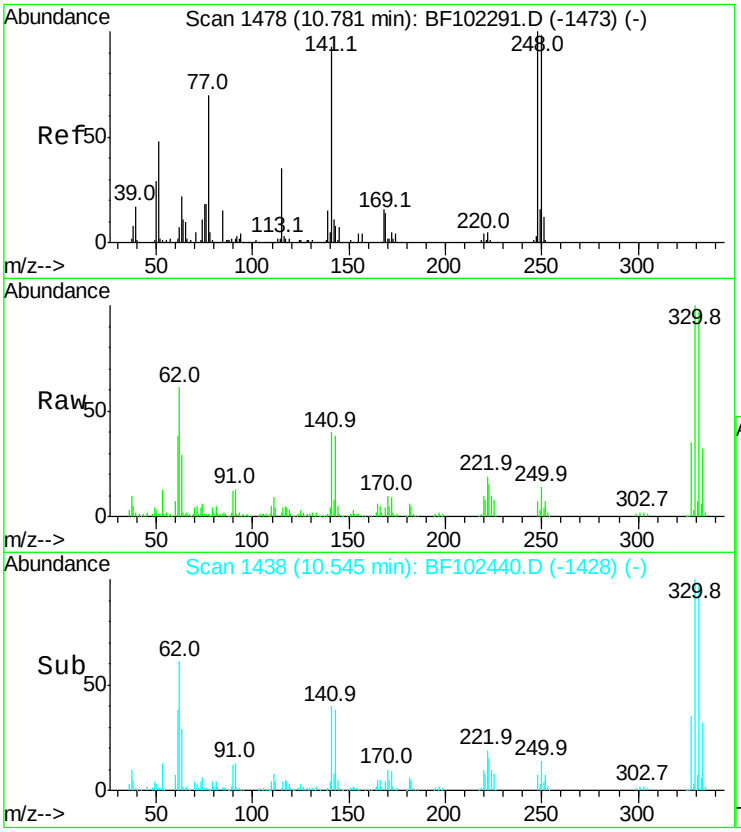


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:188 Resp: 357220

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8



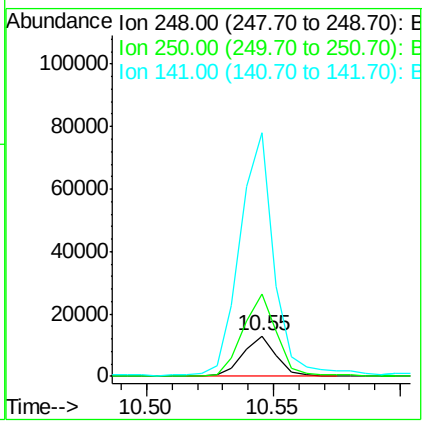


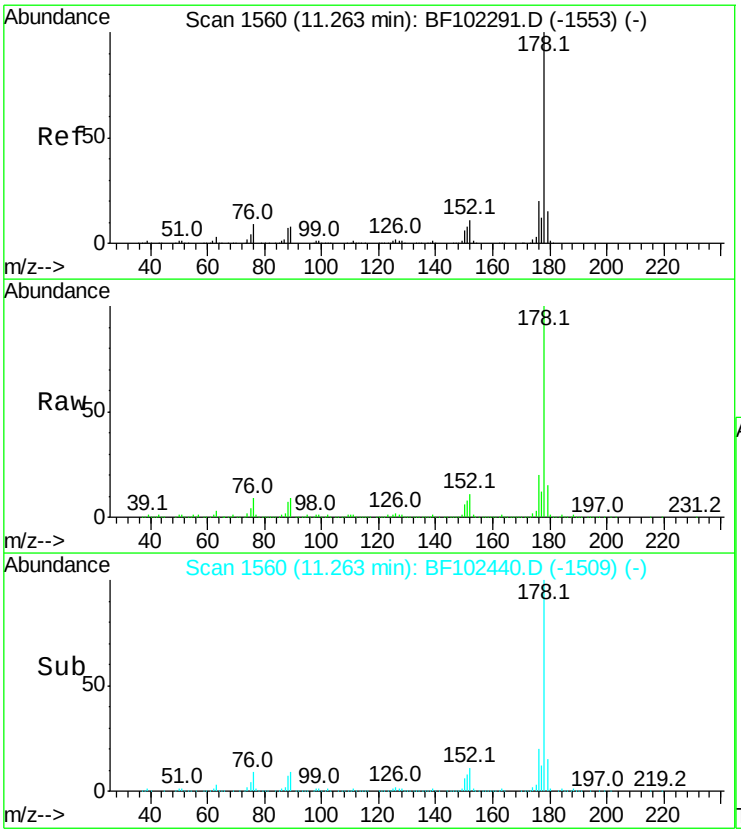
#66
4-Bromophenyl-phenylether
Concen: 3.113 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11972

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.9	115.3#
141	598.5	74.4	111.6#

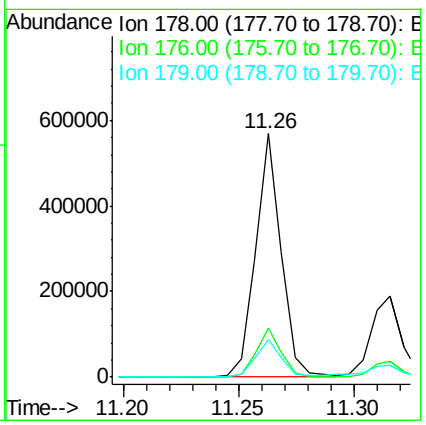


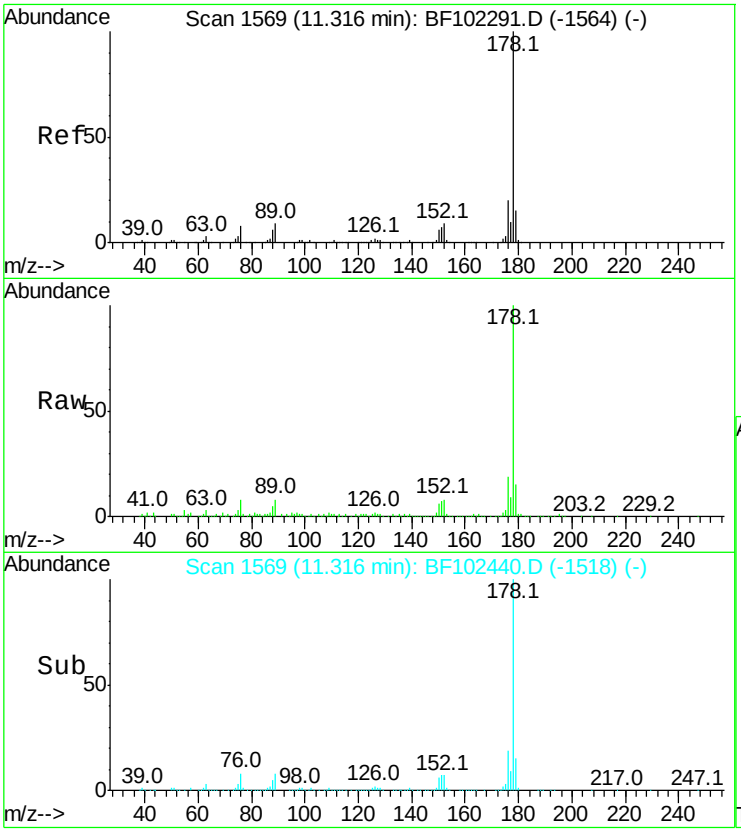


#70
Phenanthrene
Concen: 21.178 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:178 Resp: 440850

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.3	13.0	19.6



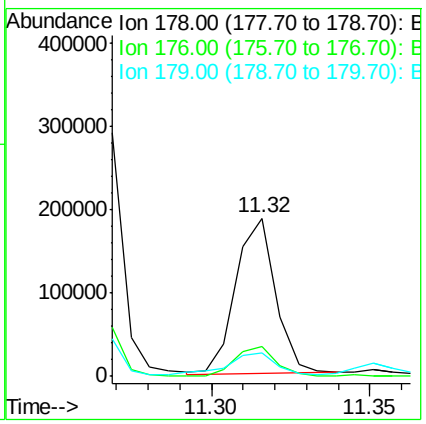


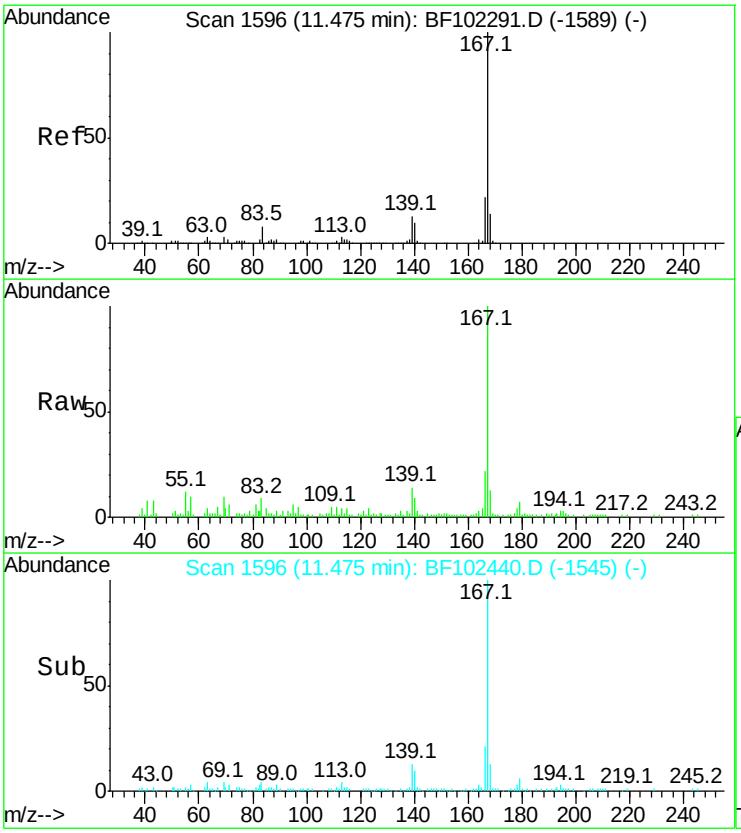
#71
Anthracene
Concen: 7.619 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 161880

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.0	12.6	19.0

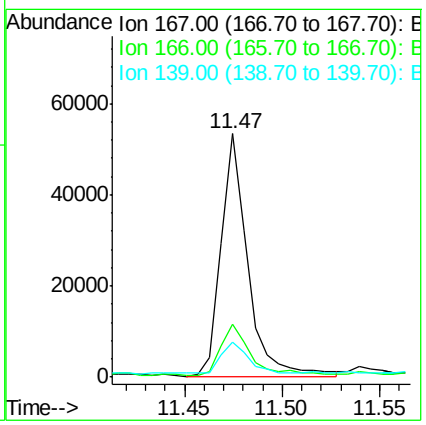


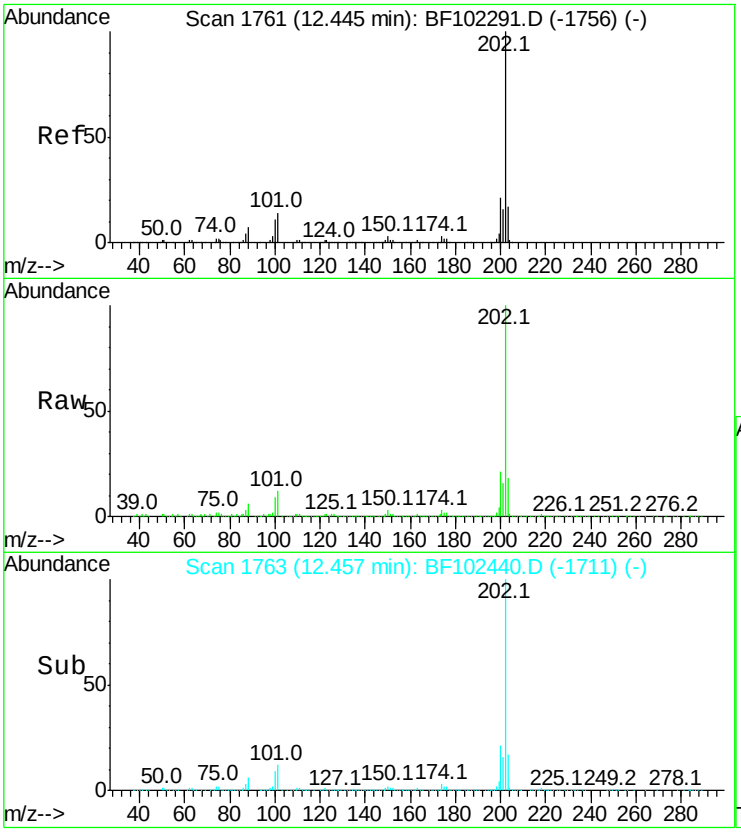


#72
Carbazole
Concen: 2.487 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:167 Resp: 51559

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	14.3	10.9	16.3



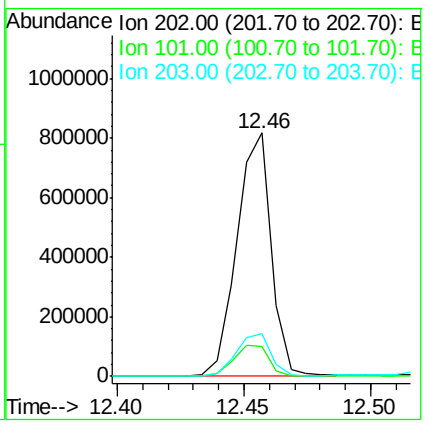


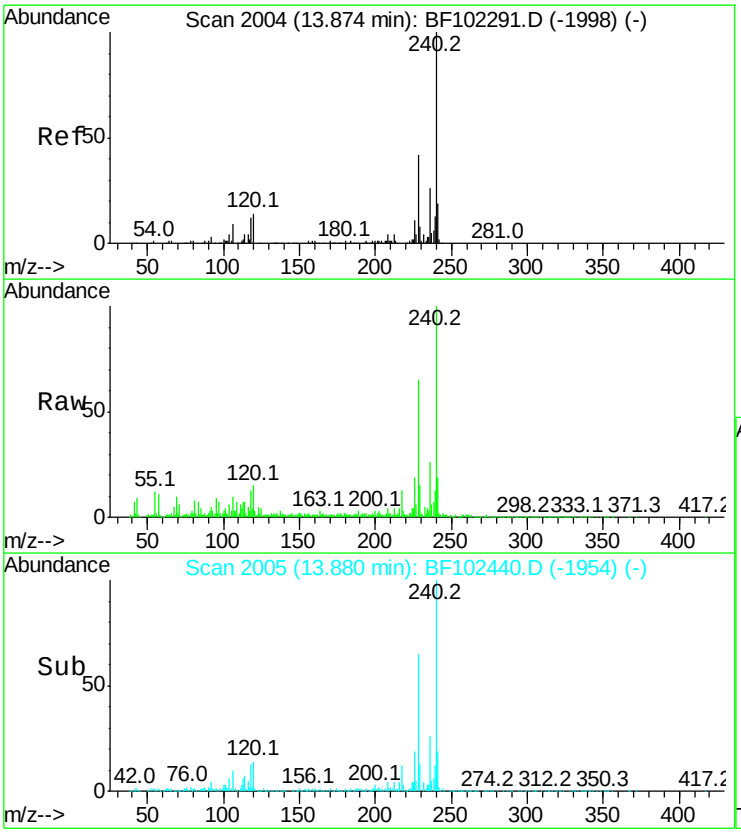
#74
Fluoranthene
Concen: 36.120 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 766727

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.6	0.0	38.1

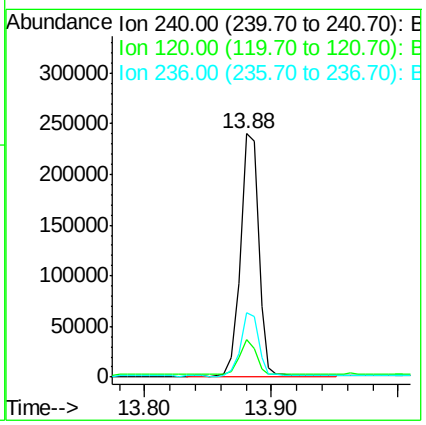


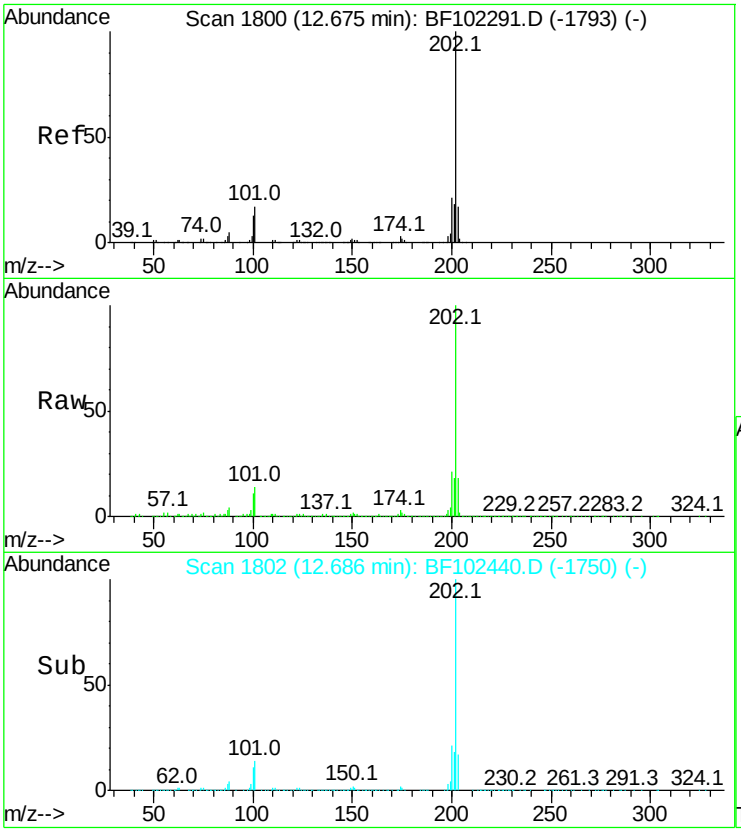


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:240 Resp: 239424

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	26.2	20.7	31.1



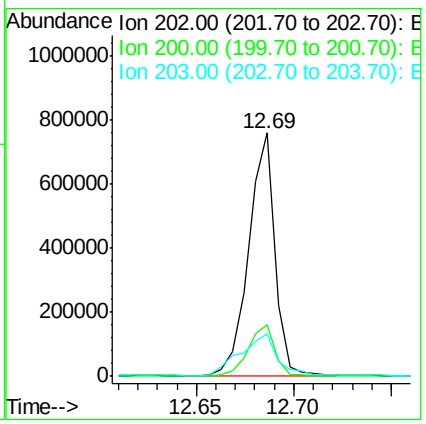


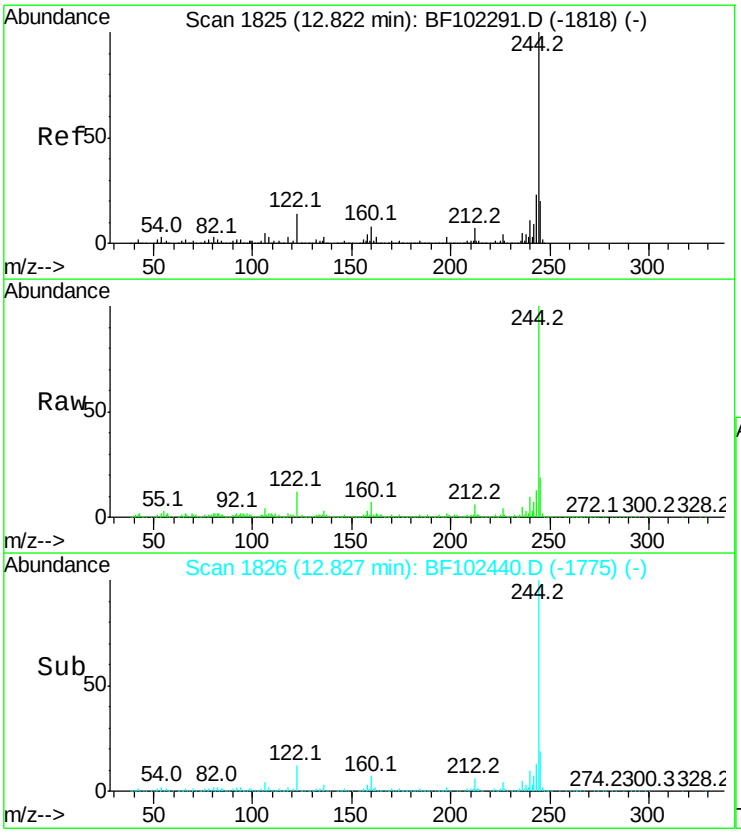
#77
Pyrene
Concen: 38.082 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 704953

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

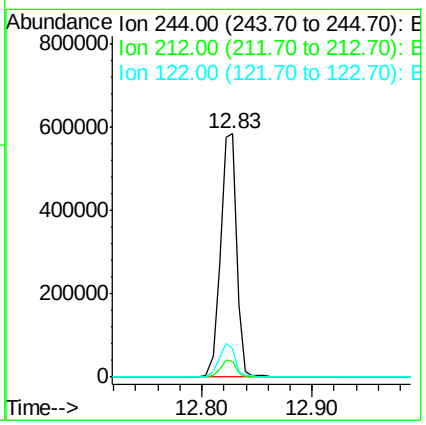


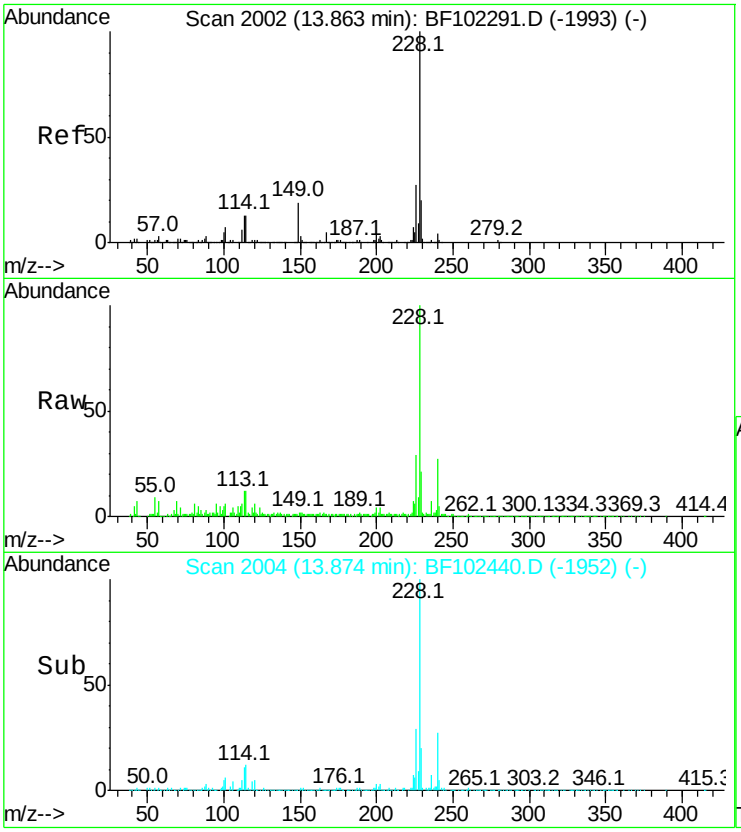


#78
Terphenyl-d14
Concen: 56.344 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:244 Resp: 598405

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.0	11.0	16.4



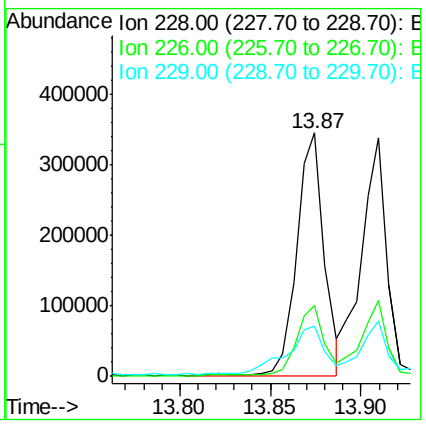


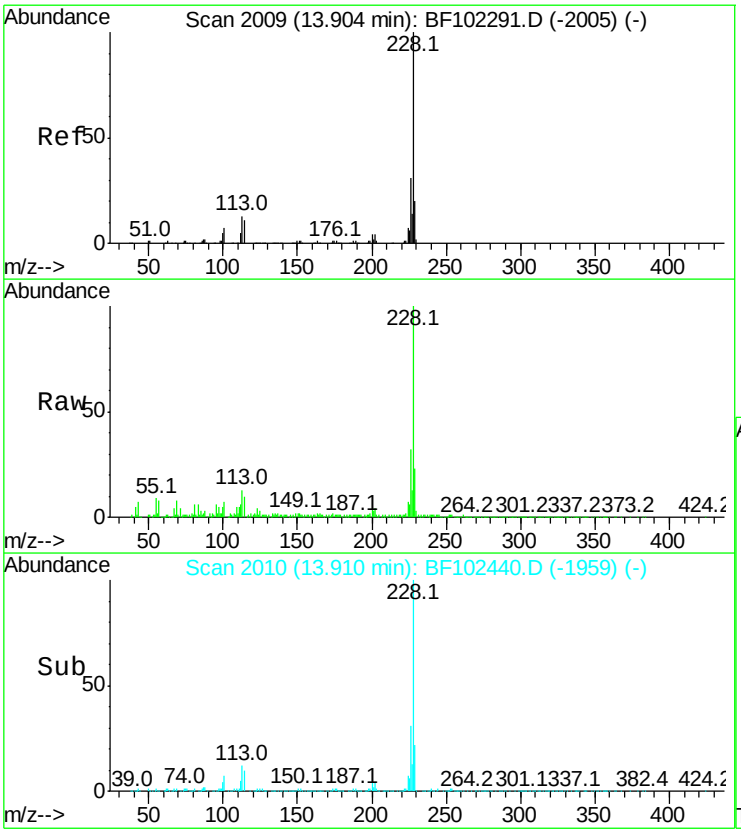
#80
Benzo(a)anthracene
Concen: 24.697 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 364049

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.9	15.8	23.6

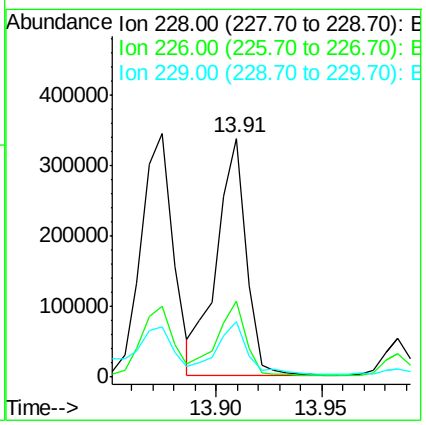


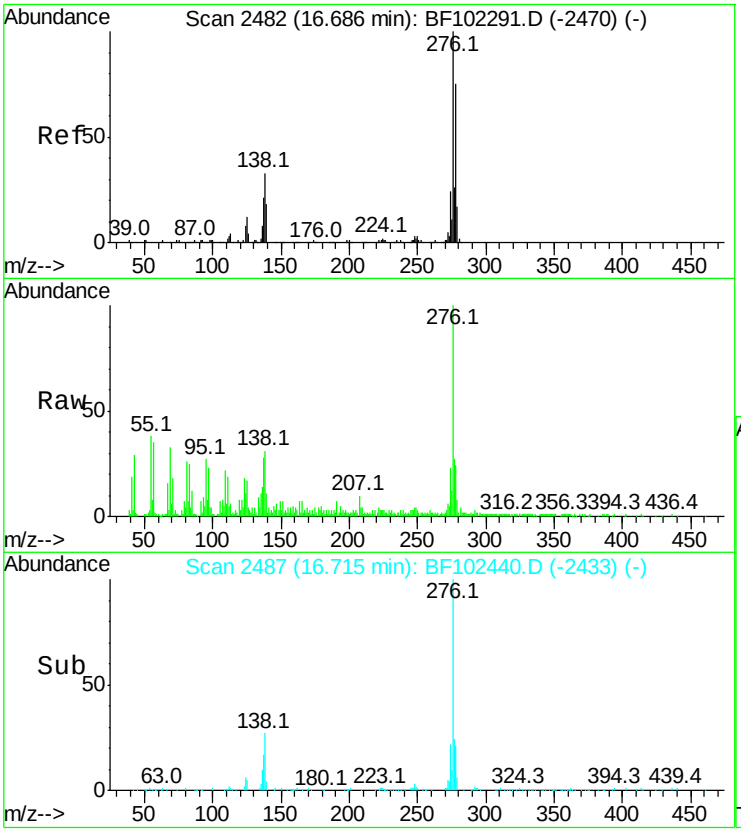


#82
Chrysene
Concen: 22.058 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:228 Resp: 330190

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	23.0	16.2	24.4



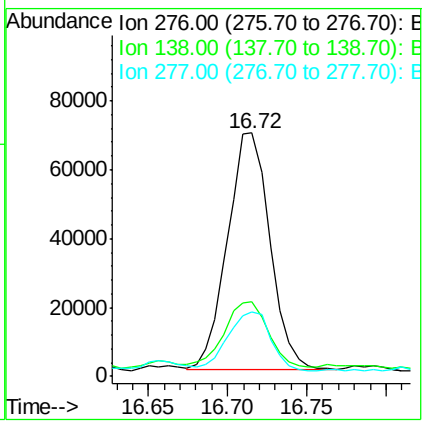


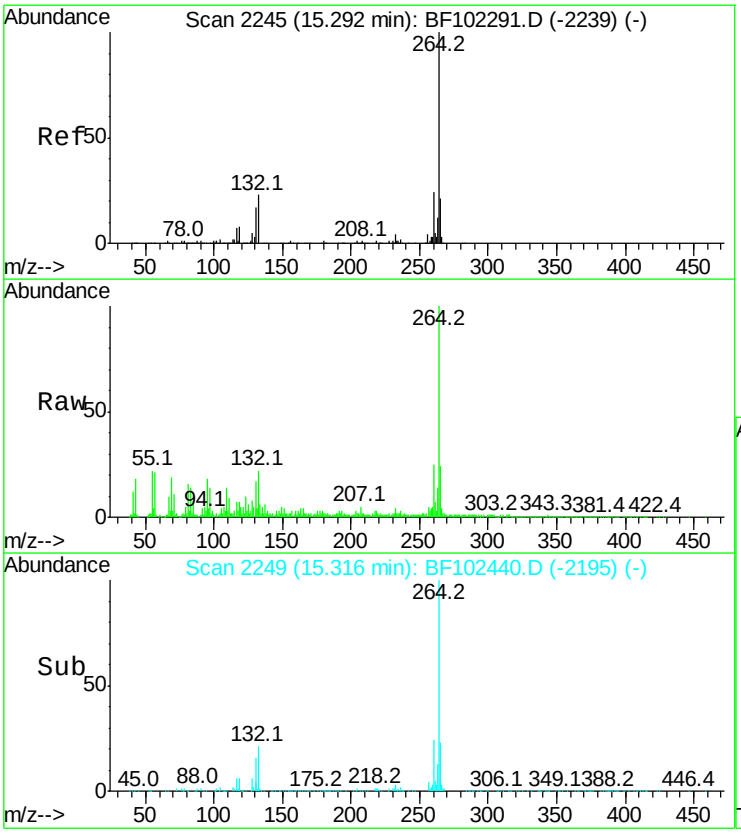
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.265 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.02 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 126904

Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.8	20.1	30.1

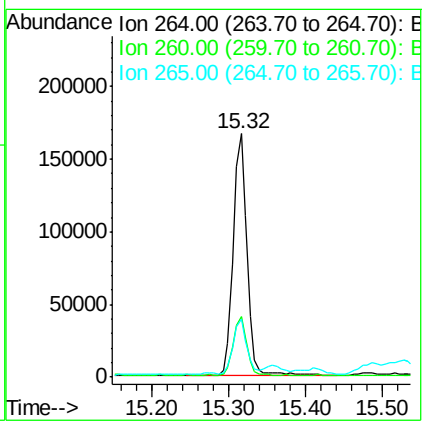


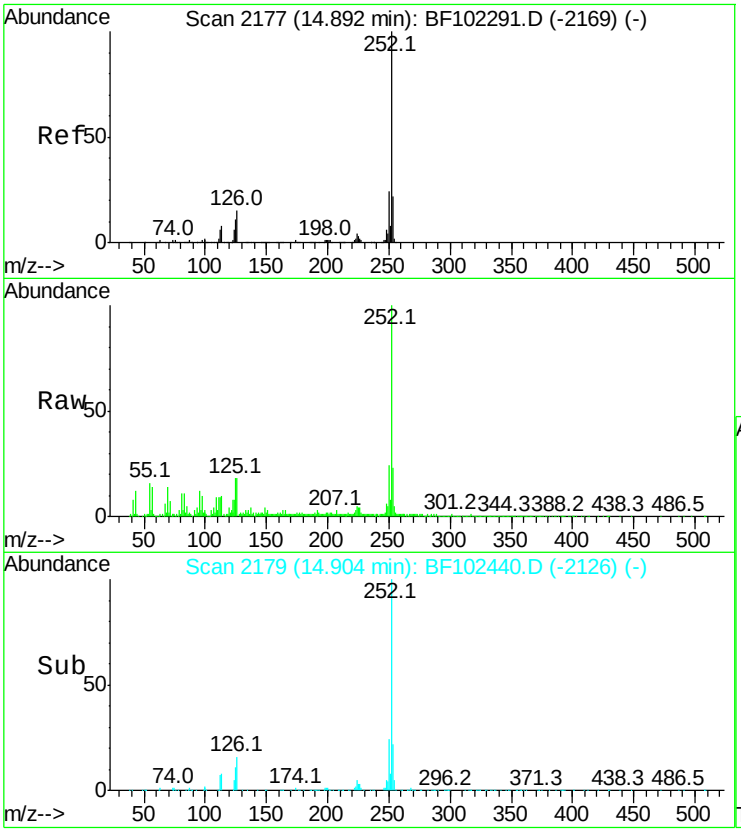


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.02 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:264 Resp: 212453

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.7	17.5	26.3



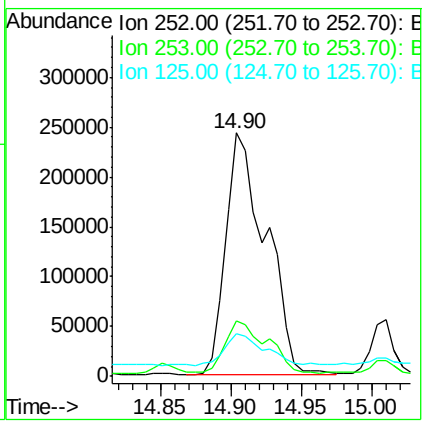


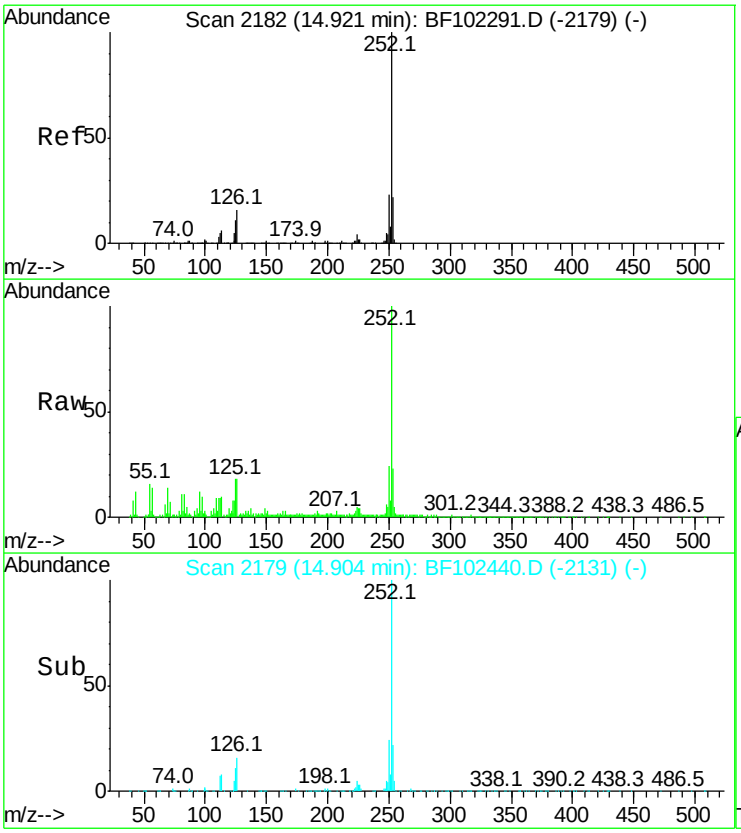
#87
Benzo(b)fluoranthene
Concen: 34.936 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 481069

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	17.5	9.0	13.6#

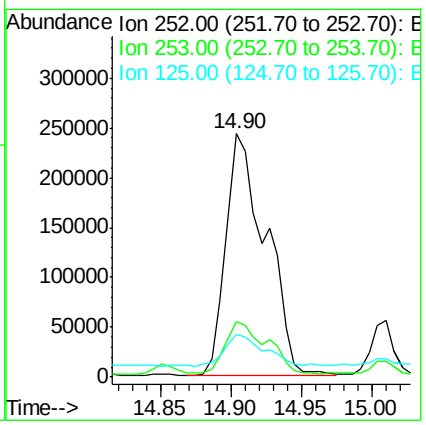


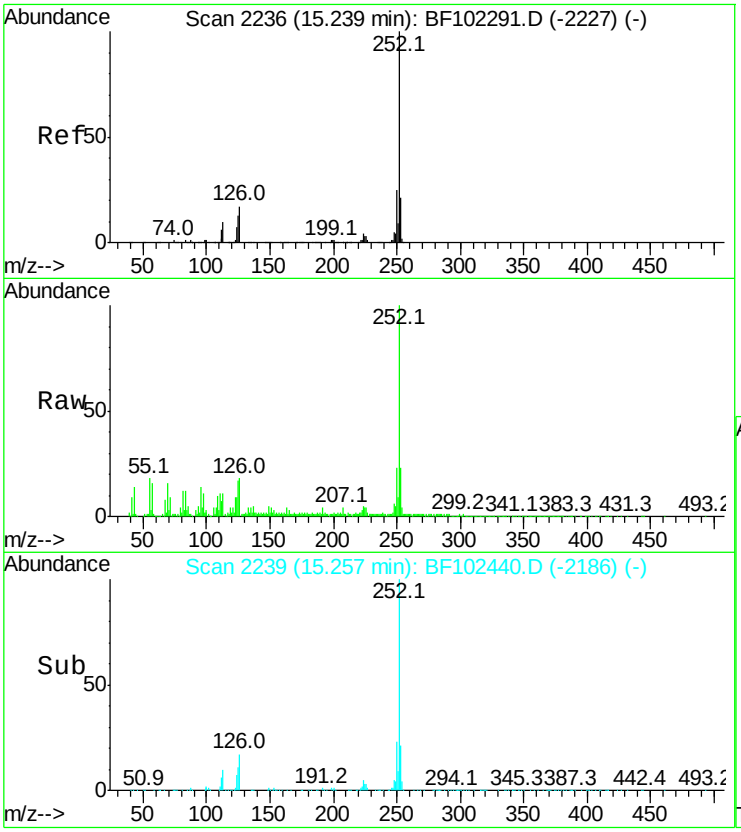


#88
Benzo(k)fluoranthene
Concen: 36.978 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:252 Resp: 481069

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	17.5	10.2	15.2#



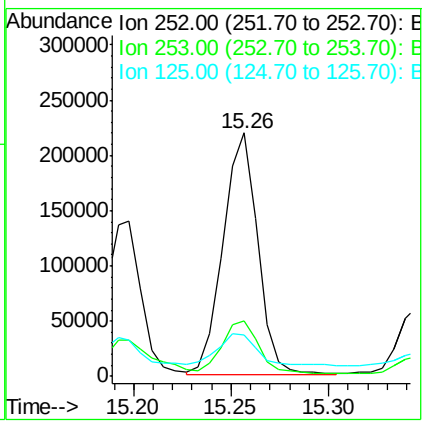


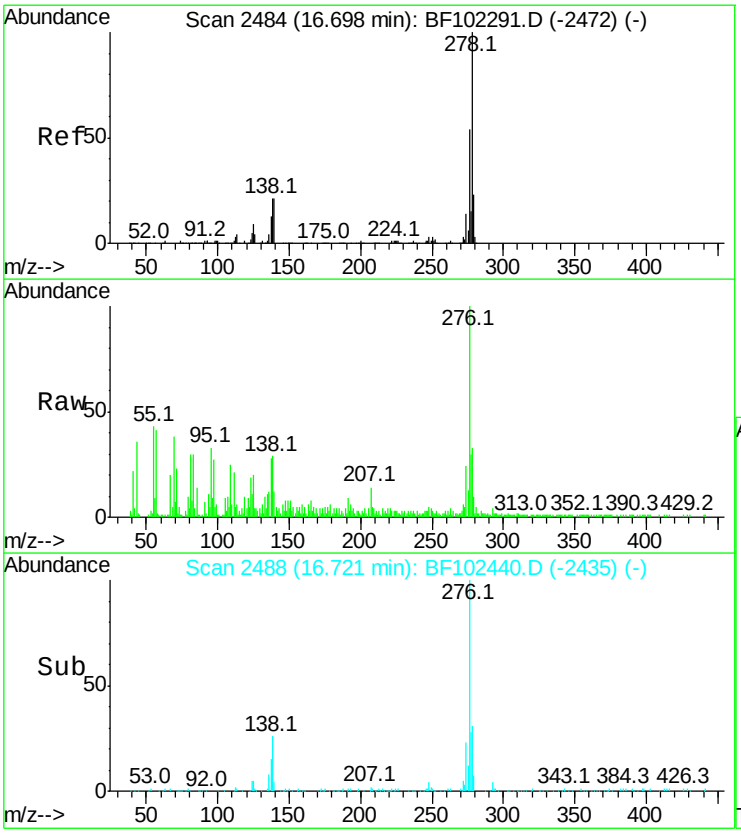
#89
Benzo(a)pyrene
Concen: 21.701 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 269502

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	16.8	9.8	14.6#

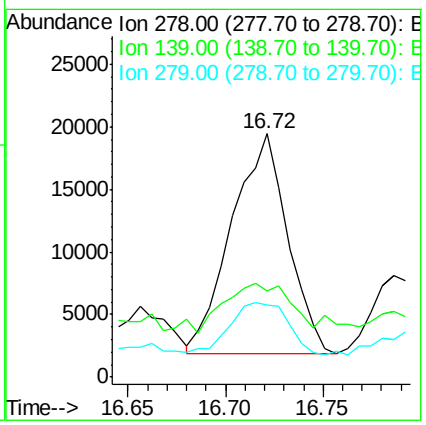


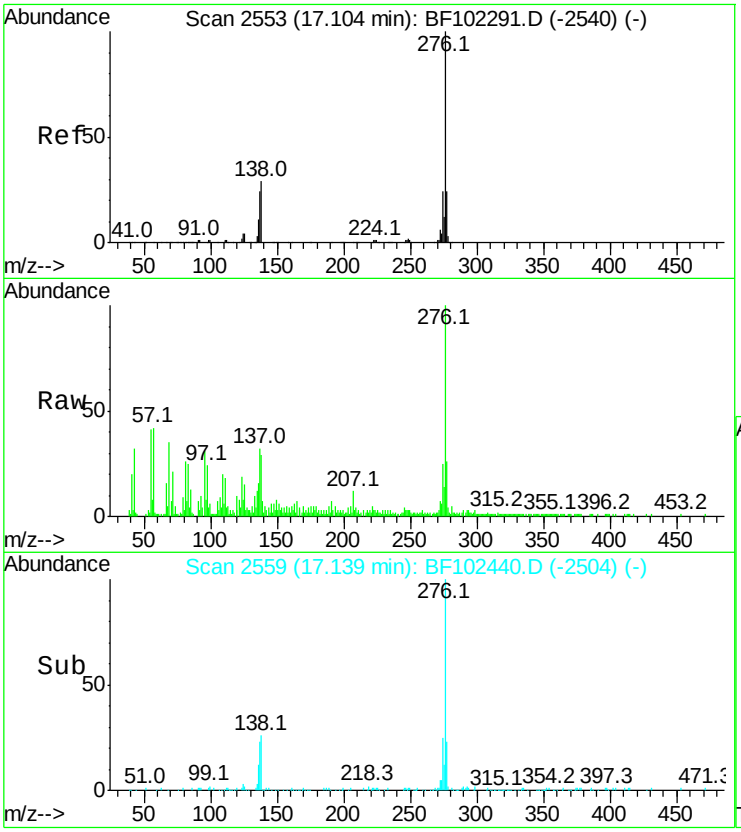


#90
Dibenzo(a,h)anthracene
Concen: 3.465 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Tgt Ion:278 Resp: 34855

Ion	Ratio	Lower	Upper
278	100		
139	35.3	15.9	23.9#
279	29.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.642 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BF102440.D
Acq: 25 Jan 2018 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 125575

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	29.5	21.8	32.8