Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100935.D
Acq On : 28 Nov 2017 15:48
Operator : SJ/JU
Sample : I6579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 00:37:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	66449	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	256499	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	108860	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	172684	20.00	ng		0.00
75) Chrysene-d12	14.02	240	152225	20.00	ng		0.00
86) Perylene-d12	15.49	264	158662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	394599	95.19	ng		0.00
7) Phenol-d6	6.49	99	479882	93.88	ng		0.00
23) Nitrobenzene-d5	7.42	82	298276	76.88	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	111774	100.76	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	554406	77.55	ng		0.00
78) Terphenyl-d14	12.96	244	406034	61.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	9096	2.492	ng		87
10) Phenol	6.50	94	11770	2.193	ng	#	57
19) n-Nitroso-di-n-propylamine	7.42	70	39804	11.228	ng	#	81
25) Isophorone	7.42	82	298323	36.591	ng	#	64
47) 2-Nitroaniline	9.60	65	146	2.852	ng	#	1
49) Dimethylphthalate	9.60	163	35168	4.231	ng	#	99
50) 2,6-Dinitrotoluene	9.89	165	14273	8.675	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	14273	6.877	ng	#	21
62) Azobenzene	10.60	77	64946	8.290	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.69	198	119	8.682	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	7074	3.821	ng	#	1
70) Phenanthrene	11.40	178	22703	2.497	ng		95
74) Fluoranthene	12.59	202	71211	7.390	ng		95
77) Pyrene	12.82	202	73147	6.741	ng		98
80) Benzo(a)anthracene	14.01	228	48317	5.271	ng		97
82) Chrysene	14.04	228	40836	4.600	ng		96
85) Indeno(1,2,3-cd)pyrene	16.96	276	26449	3.684	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	81622	8.683	ng		96
88) Benzo(k)fluoranthene	15.06	252	81622	9.190	ng		97
89) Benzo(a)pyrene	15.43	252	46783	5.614	ng		99
91) Benzo(g,h,i)perylene	17.41	276	25036	3.753	ng	#	90

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

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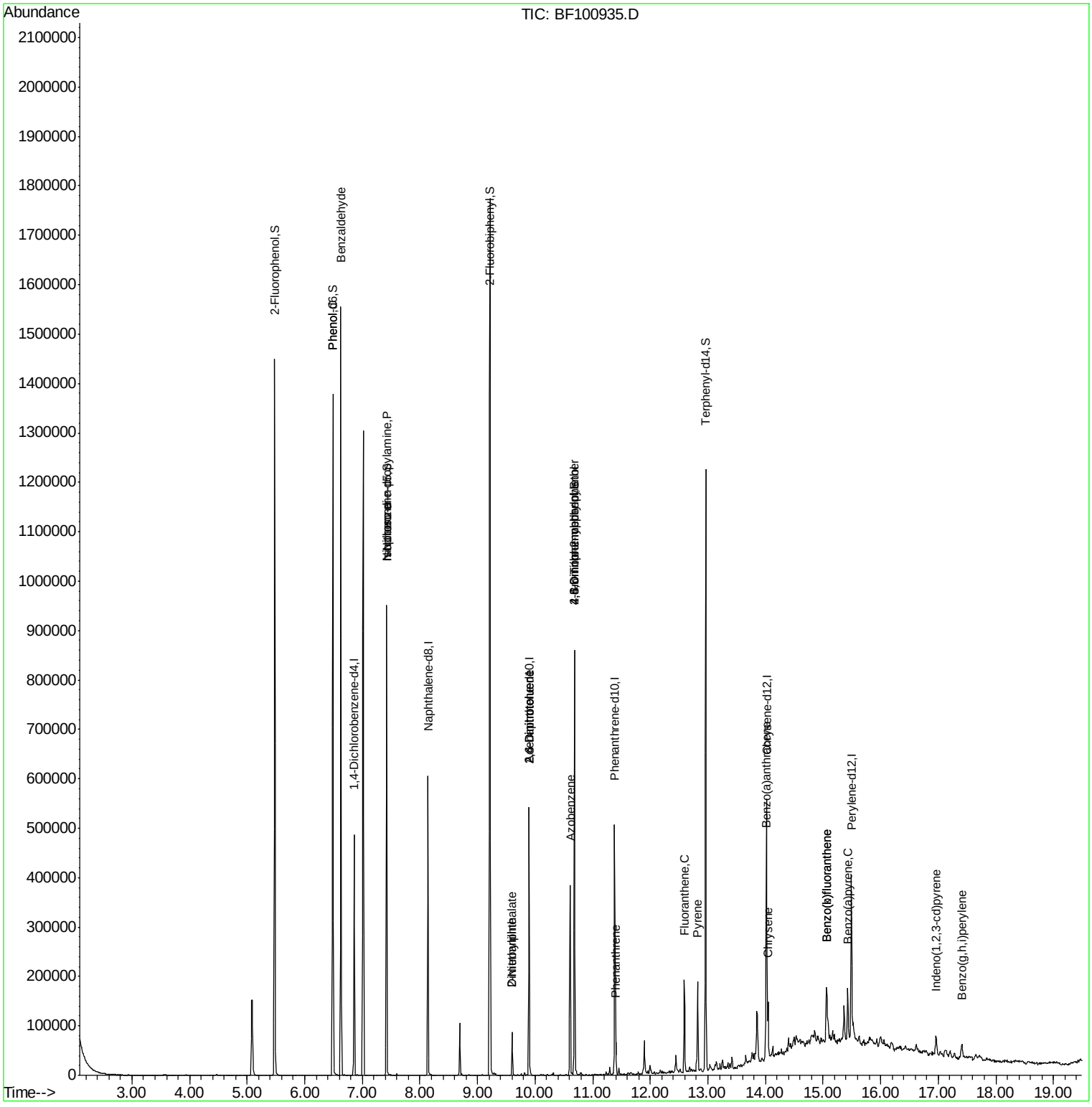
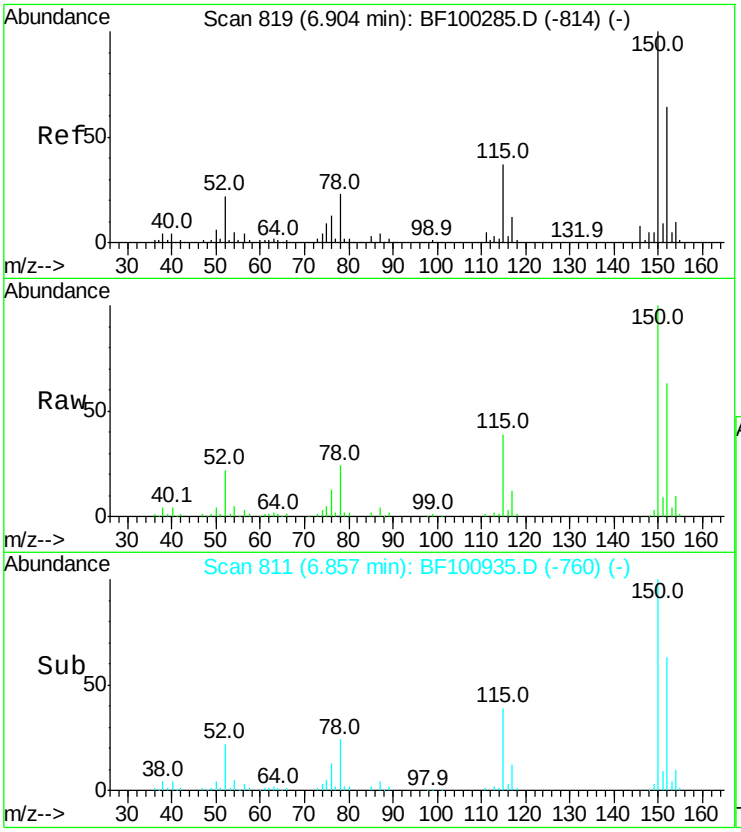
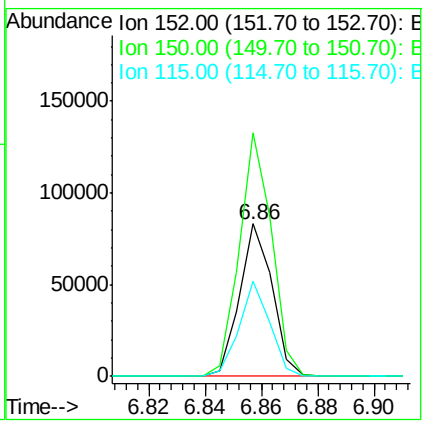




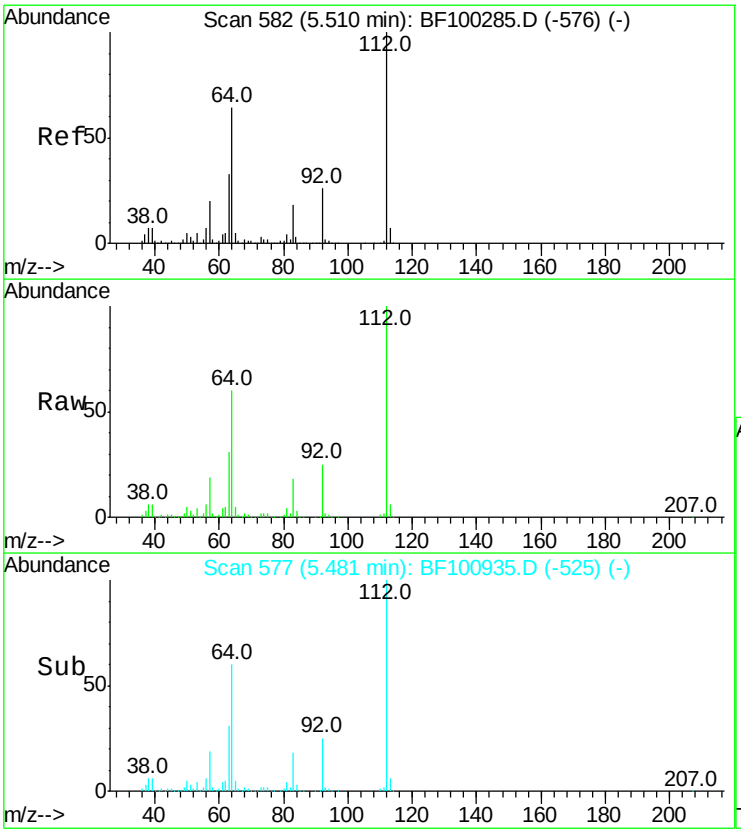
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:152 Resp: 66449

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	62.3	50.1	75.1



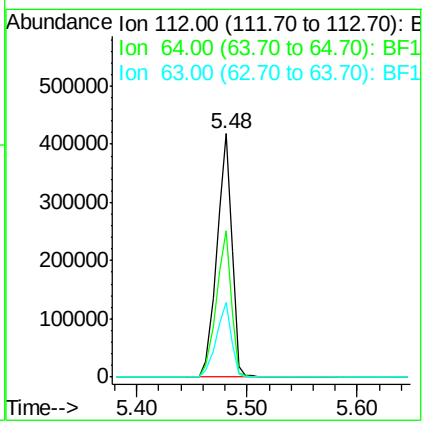
Instrument :
BNA_F
ClientSampleId :

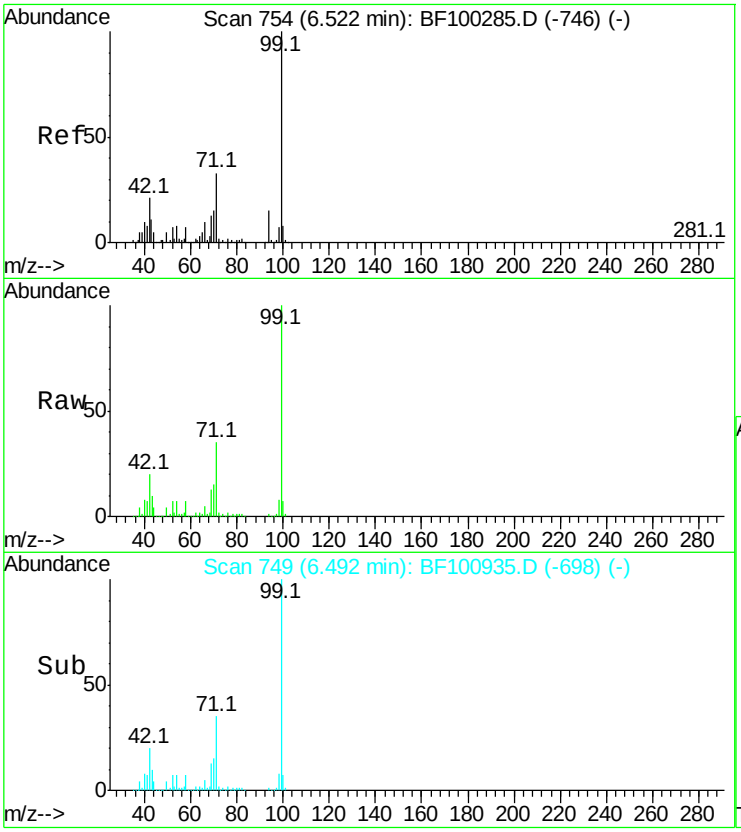


#5
2-Fluorophenol
Concen: 95.191 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:112 Resp: 394599

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.7	23.7	35.5



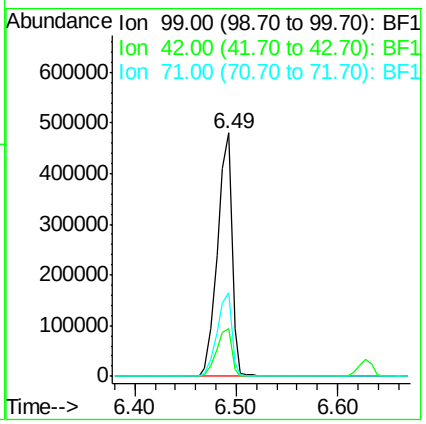


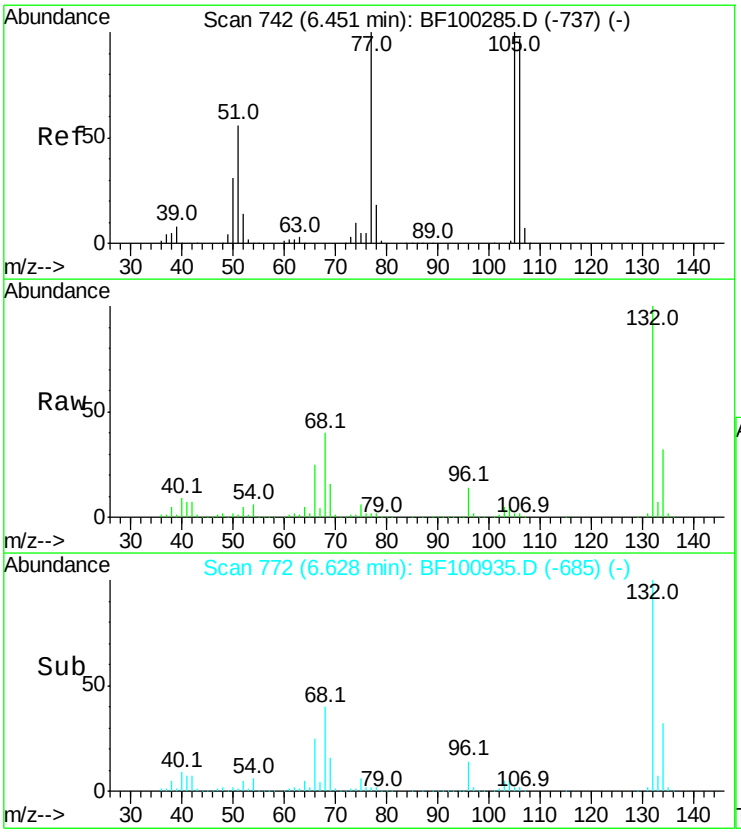
#7
Phenol-d6
Concen: 93.879 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 479882

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.5	25.4	38.0

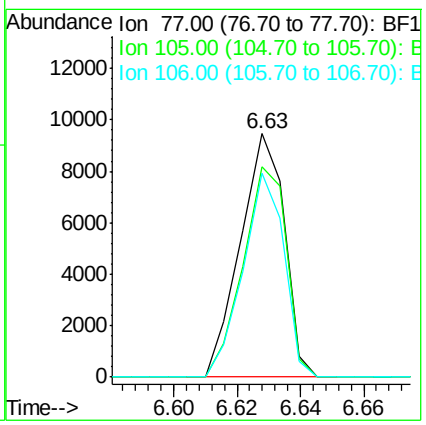


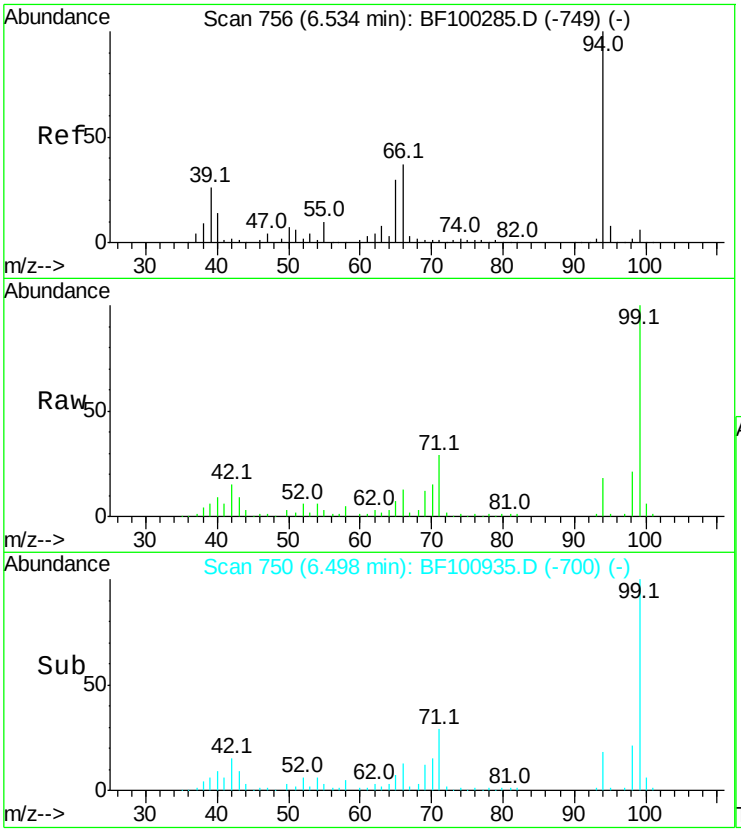


#9
Benzaldehyde
Concen: 2.492 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.21 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion: 77 Resp: 9096

Ion	Ratio	Lower	Upper
77	100		
105	86.4	81.1	121.1
106	83.6	74.5	114.5



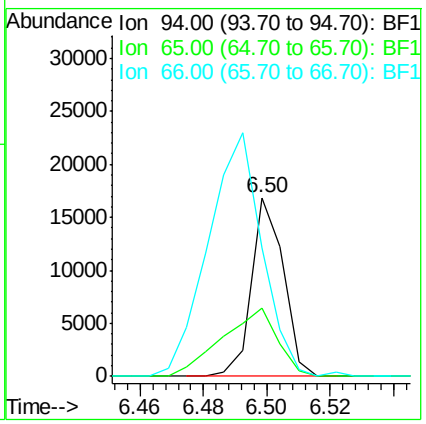


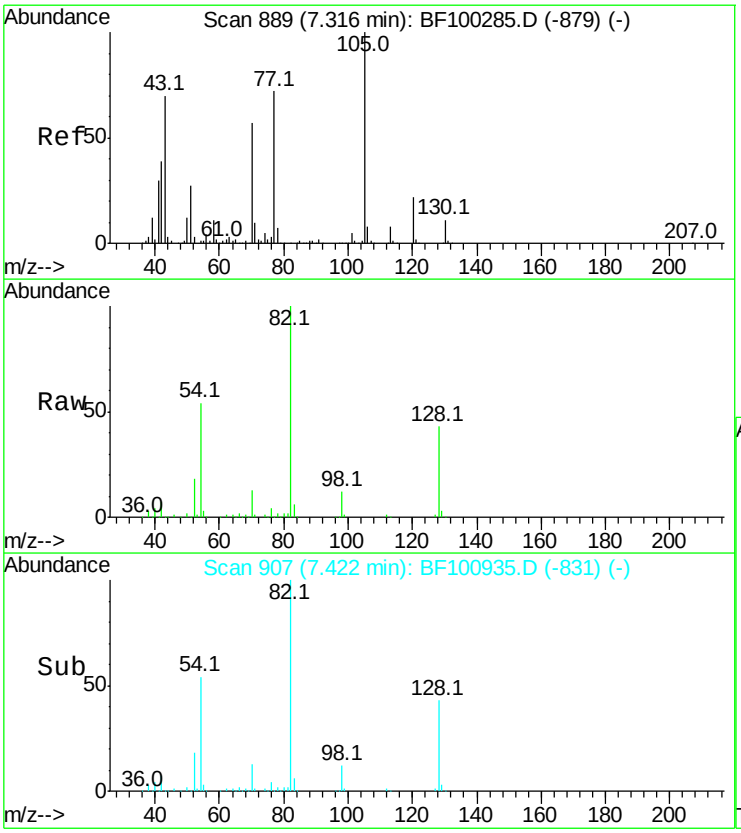
#10
Phenol
Concen: 2.193 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 11770

Ion	Ratio	Lower	Upper
94	100		
65	38.5	7.9	47.9
66	71.9	16.2	56.2#

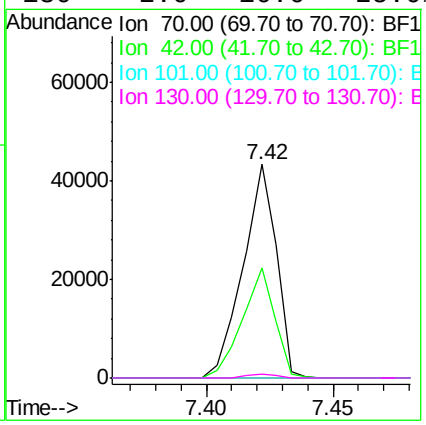


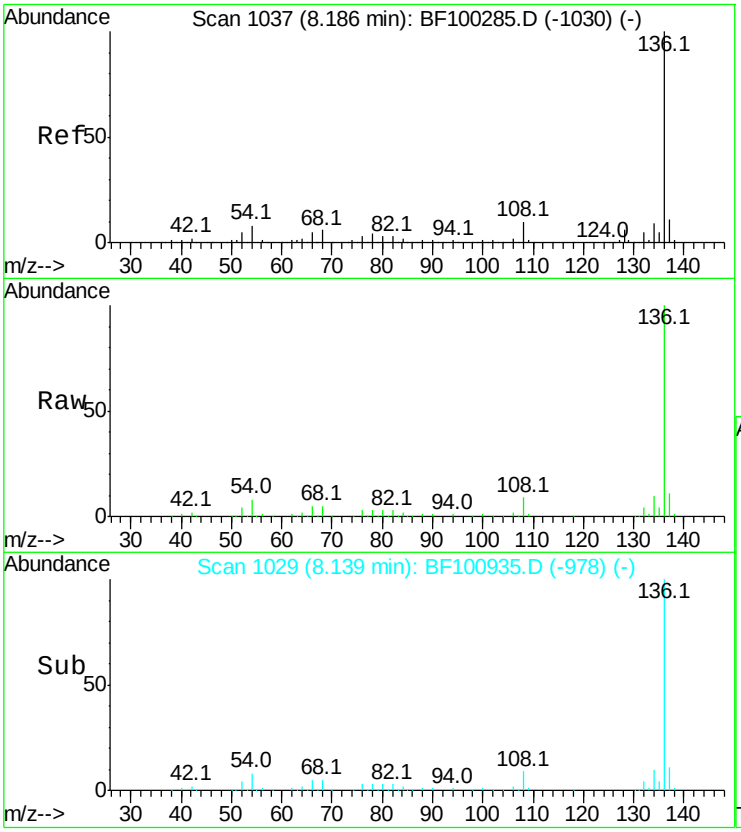


#19
n-Nitroso-di-n-propylamine
Concen: 11.228 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion: 70 Resp: 39804

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



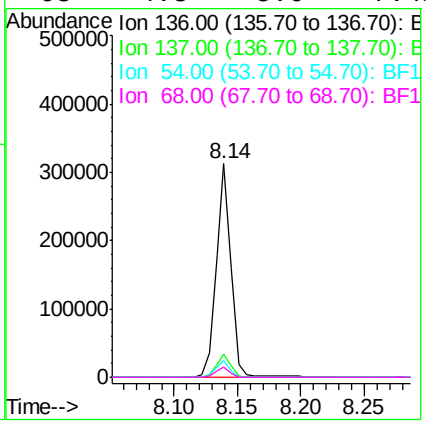


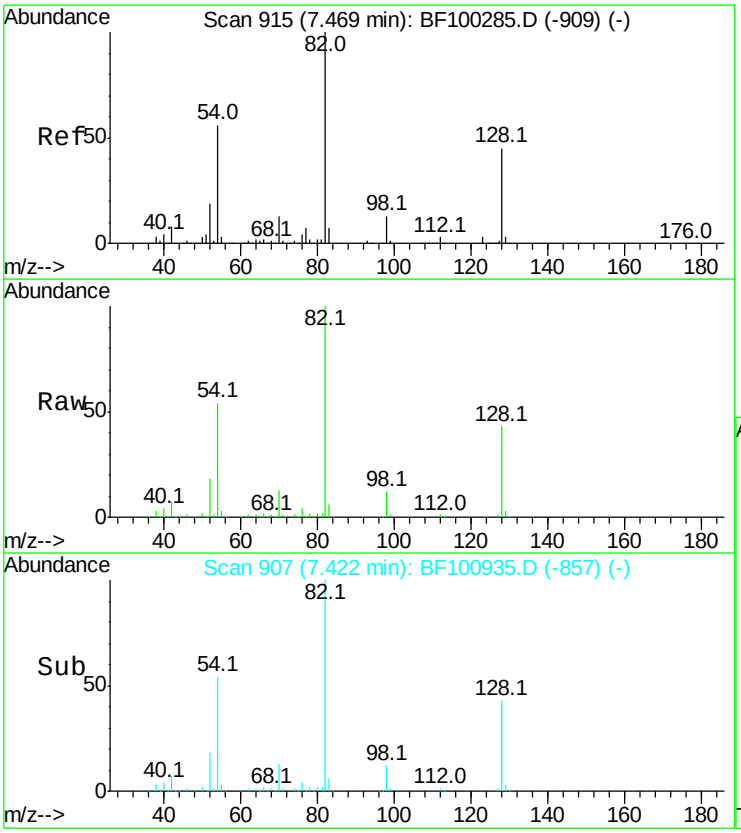
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 256499

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	4.8	5.0	7.4#

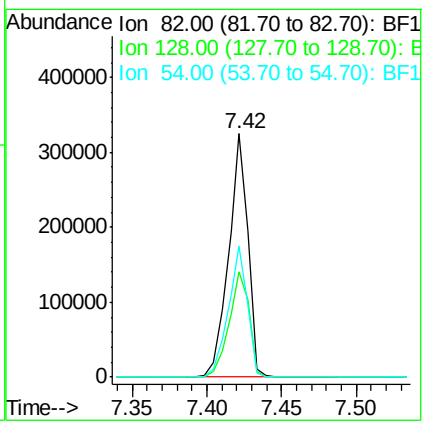


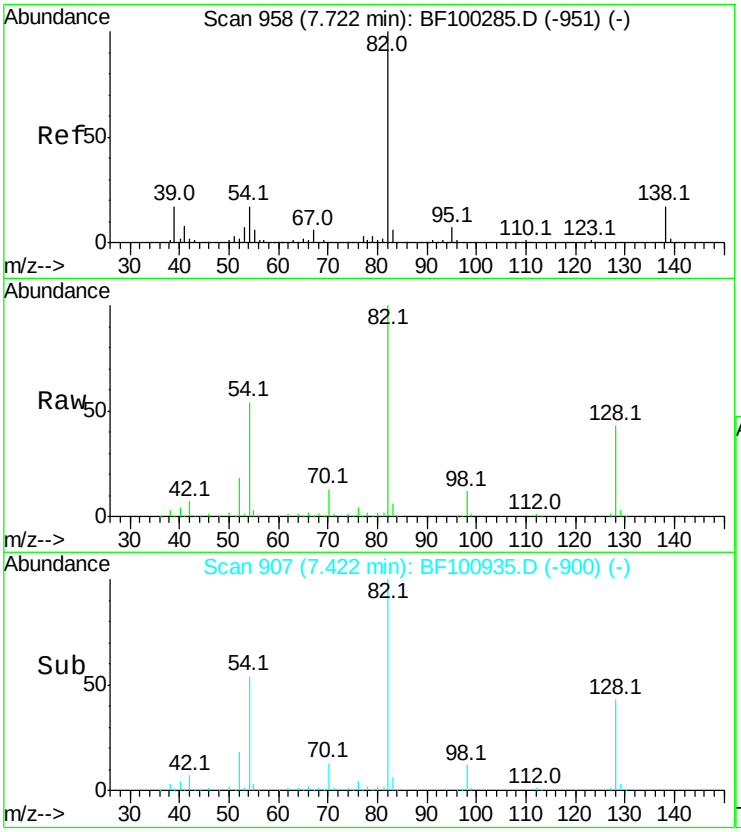


#23
Nitrobenzene-d5
Concen: 76.882 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion: 82 Resp: 298276

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	53.6	41.4	62.2



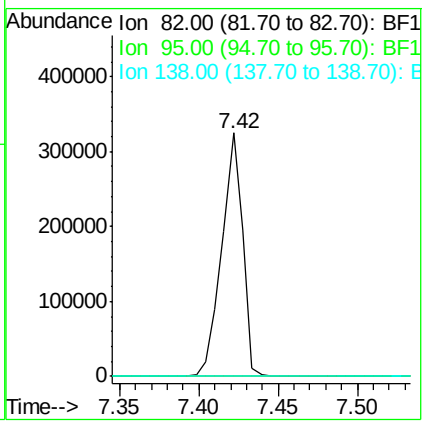


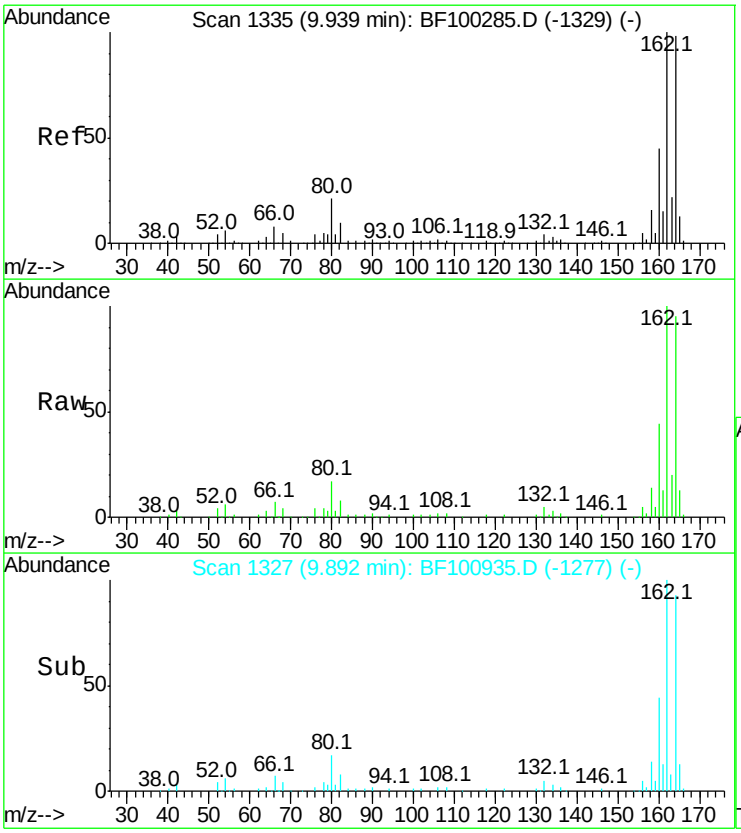
#25
Isophorone
Concen: 36.591 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 298323

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

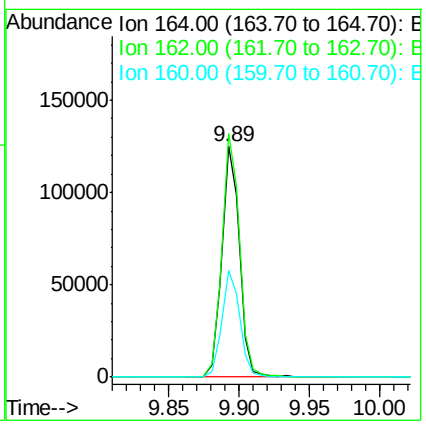


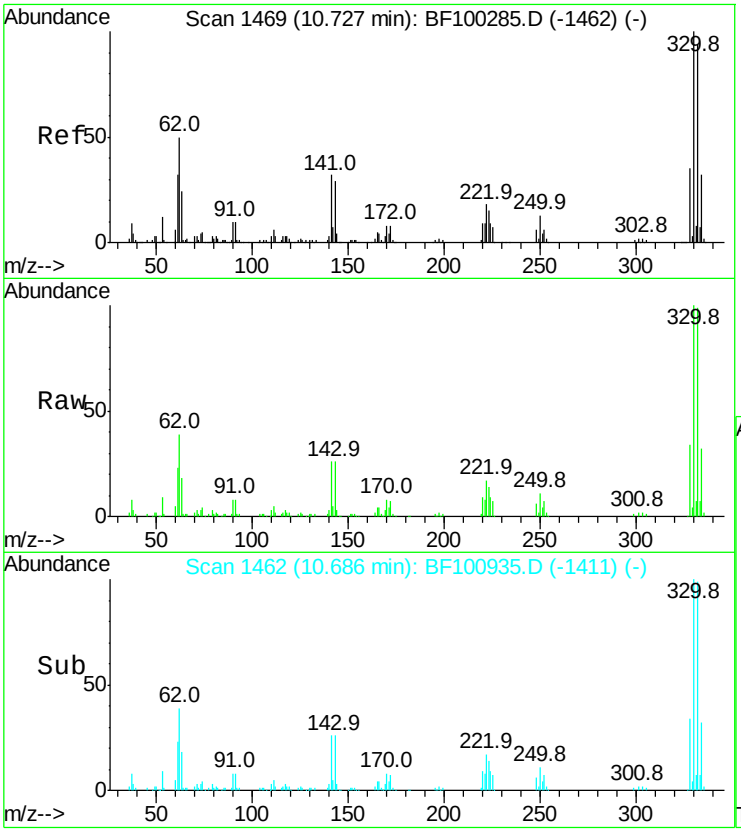


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:164 Resp: 108860

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.2	38.3	57.5



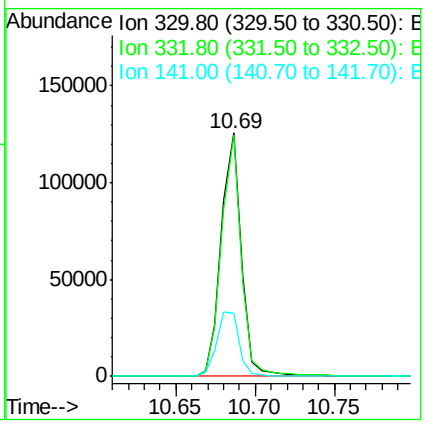


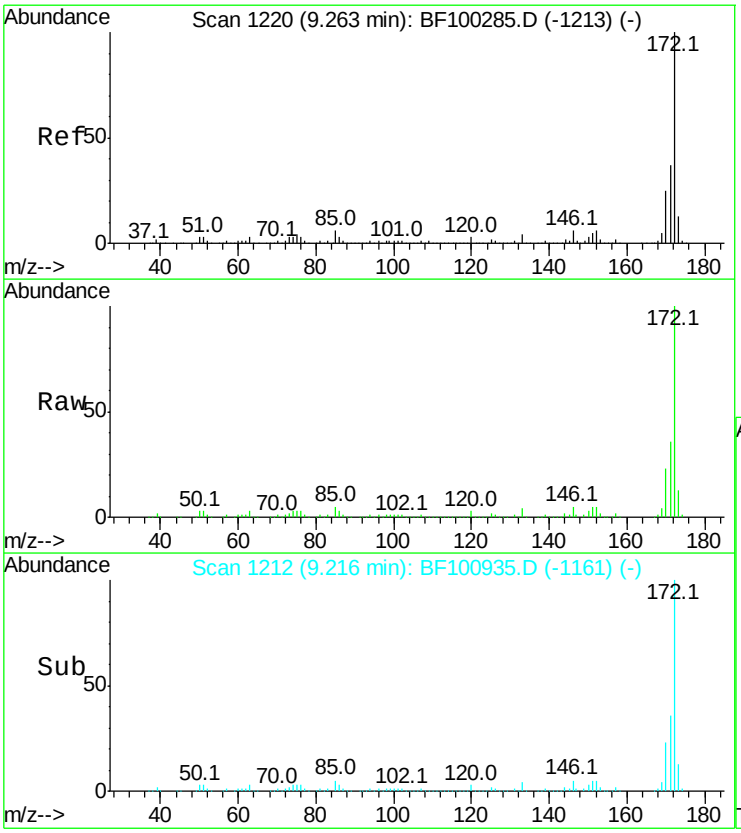
#41
2,4,6-Tribromophenol
Concen: 100.762 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 111774

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	29.4	29.9	44.9#

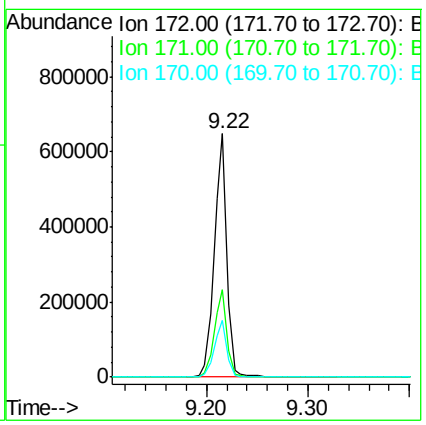


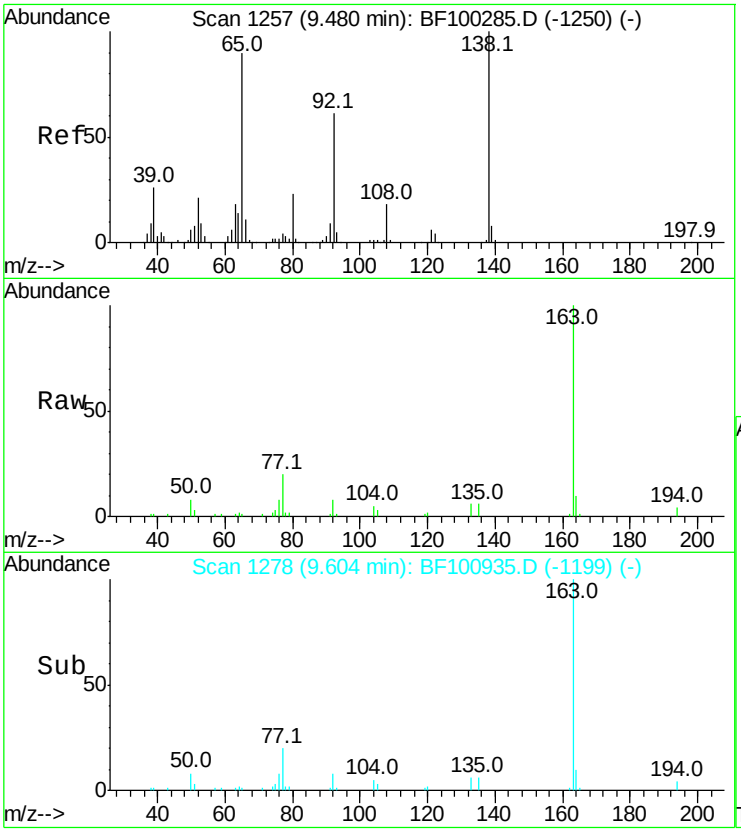


#44
2-Fluorobiphenyl
Concen: 77.549 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:172 Resp: 554406

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.3	19.6	29.4



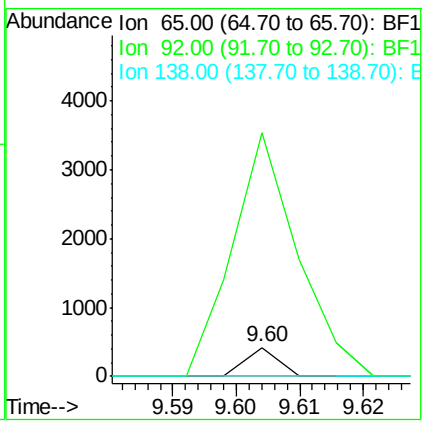


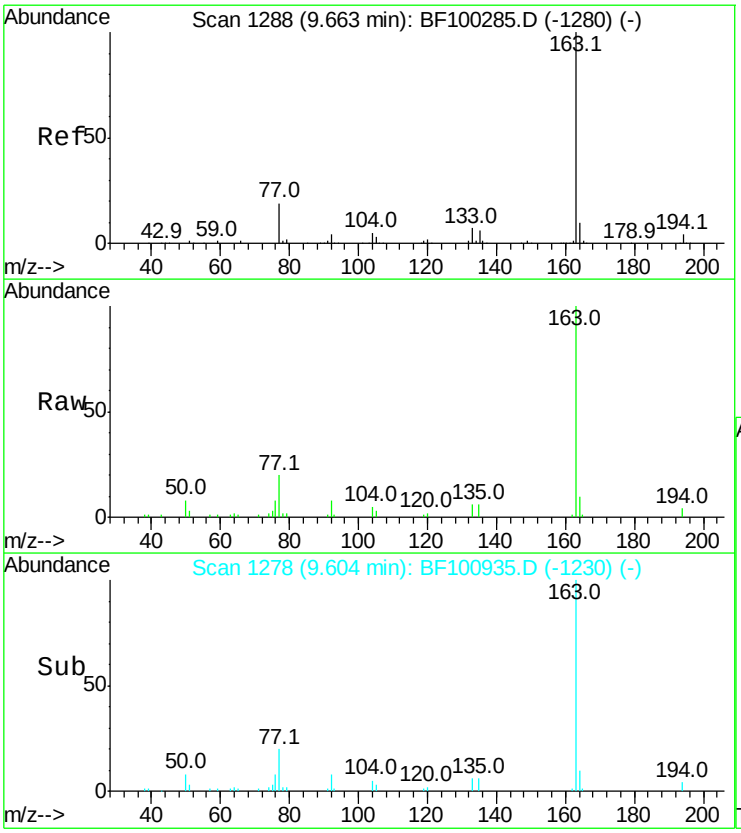
#47
2-Nitroaniline
Concen: 2.852 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 146

Ion	Ratio	Lower	Upper
65	100		
92	852.3	55.8	83.6#
138	0.0	91.2	136.8#

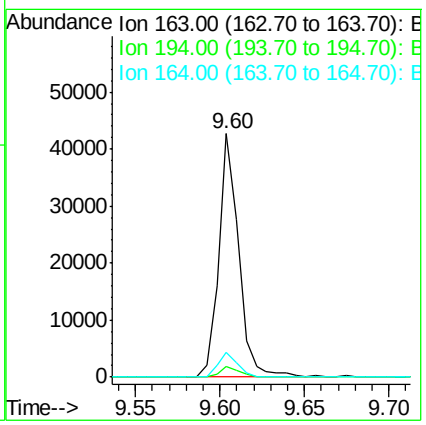


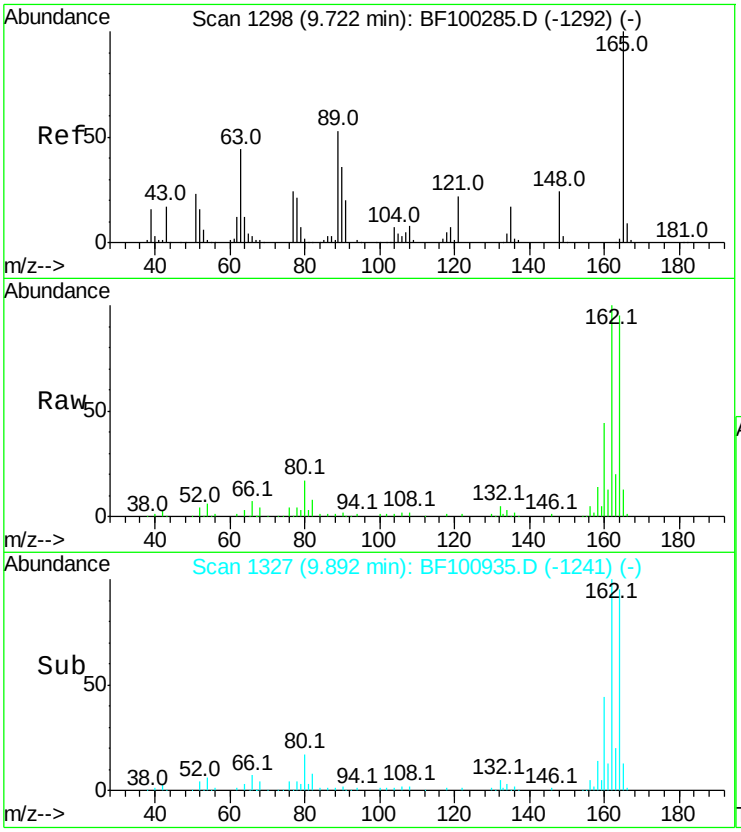


#49
Dimethylphthalate
Concen: 4.231 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:163 Resp: 35168

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.9	8.2	12.2



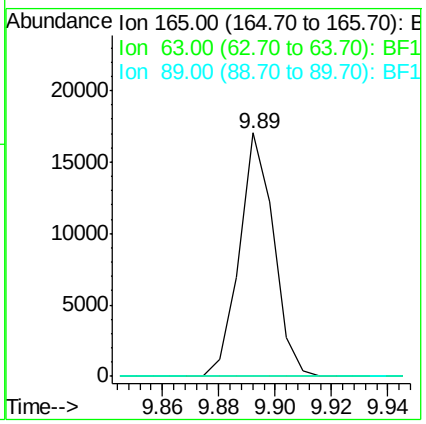


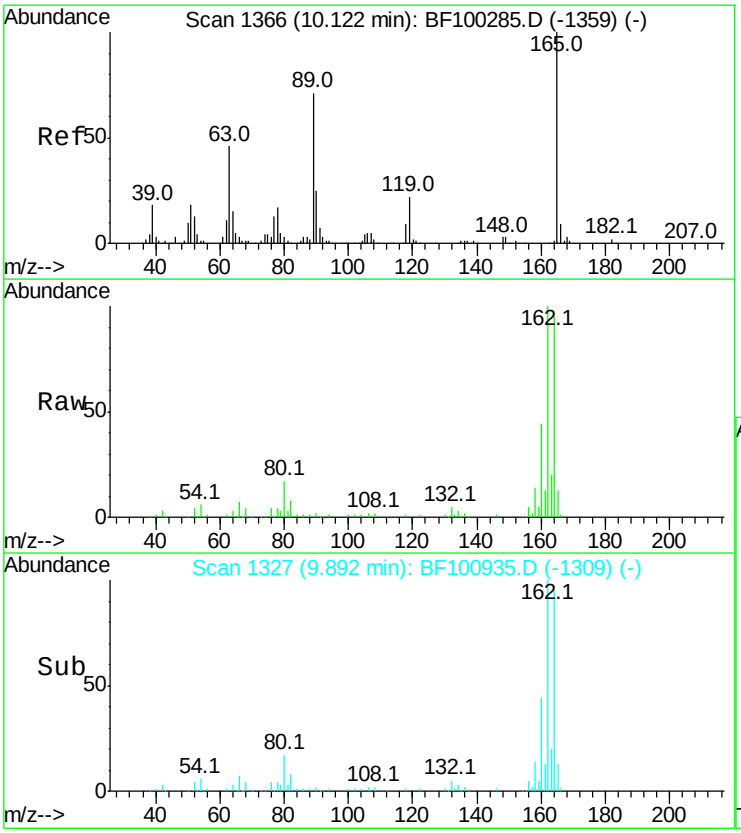
#50
2,6-Dinitrotoluene
Concen: 8.675 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14273

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

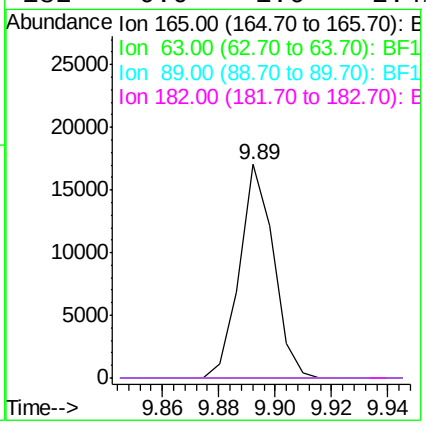


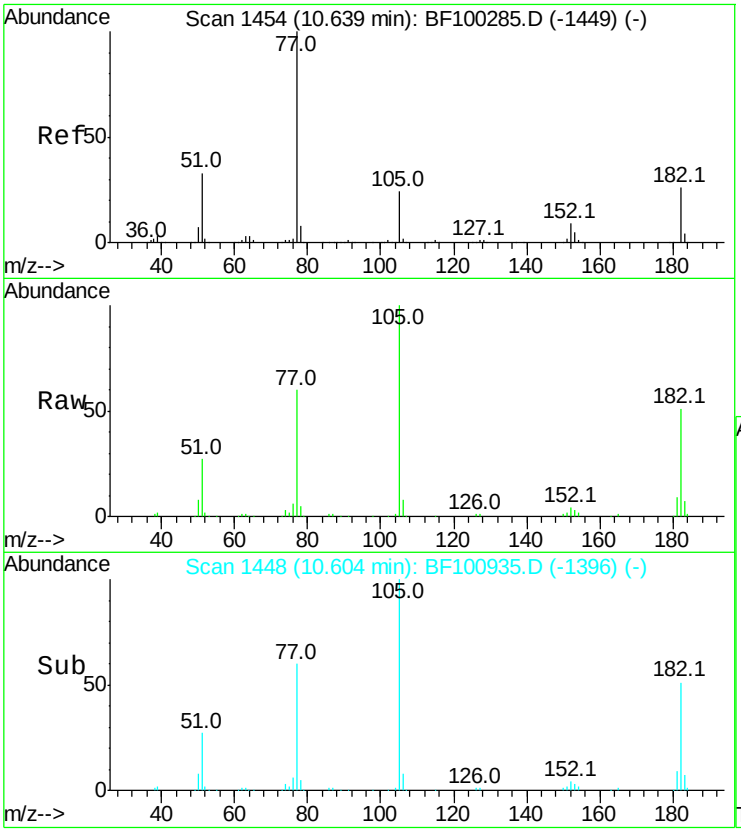


#56
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:165 Resp: 14273

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



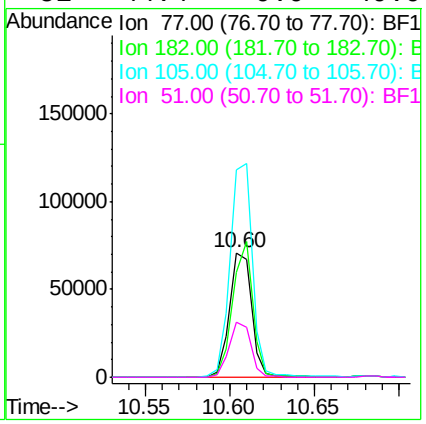


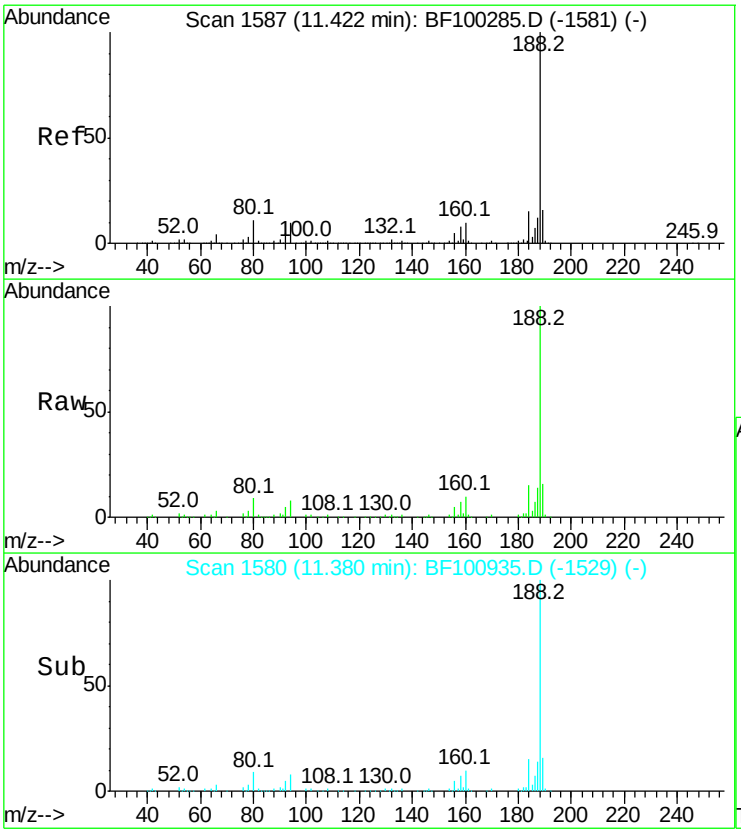
#62
Azobenzene
Concen: 8.290 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 64946

Ion	Ratio	Lower	Upper
77	100		
182	84.7	1.7	41.7#
105	166.6	3.0	43.0#
51	44.4	9.9	49.9

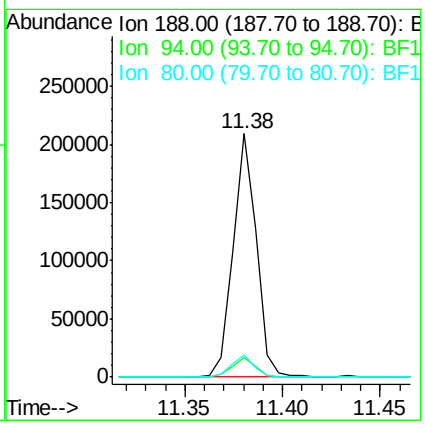


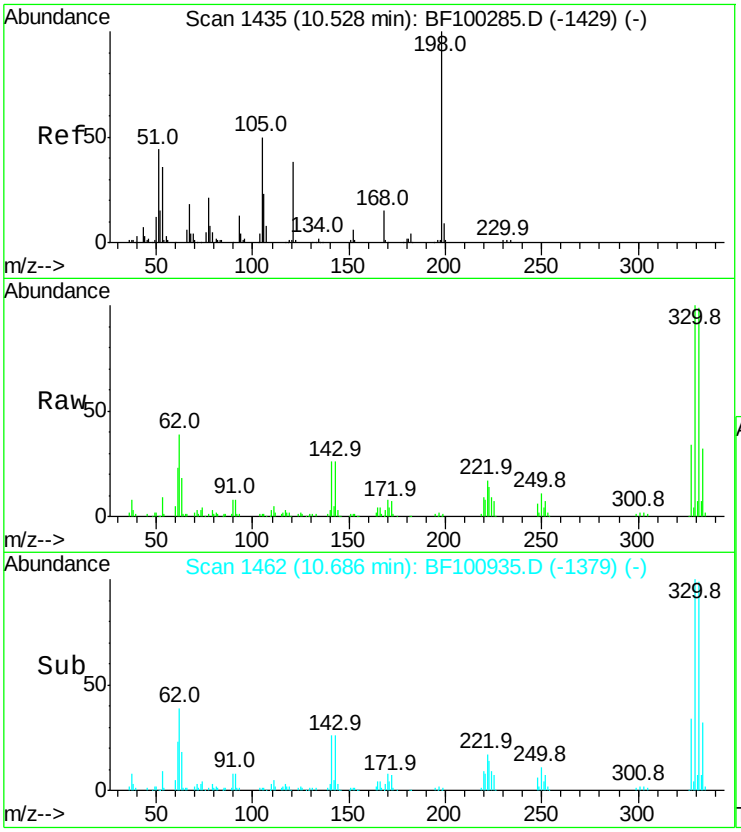


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:188 Resp: 172684

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.3	9.2	13.8



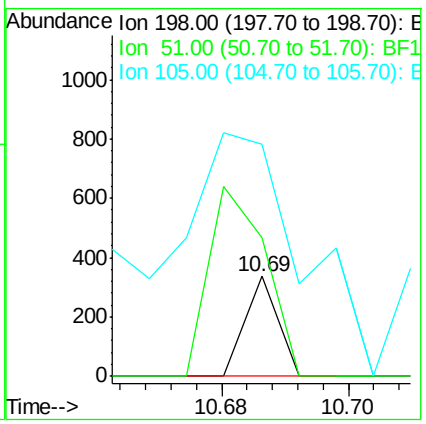


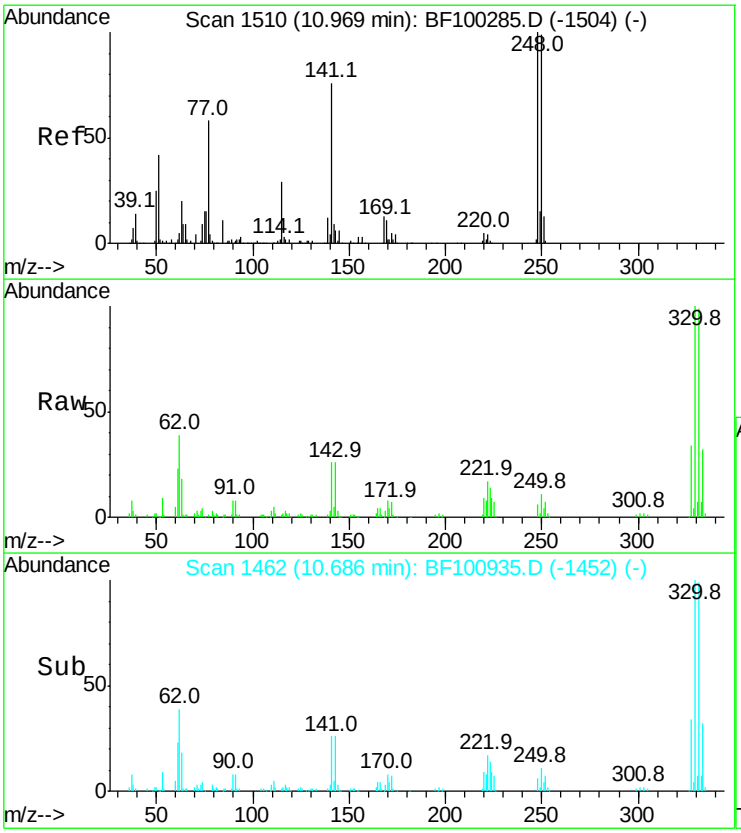
#64
4,6-Dinitro-2-methylphenol
Concen: 8.682 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	138.3	37.7	77.7#
105	232.0	36.3	76.3#

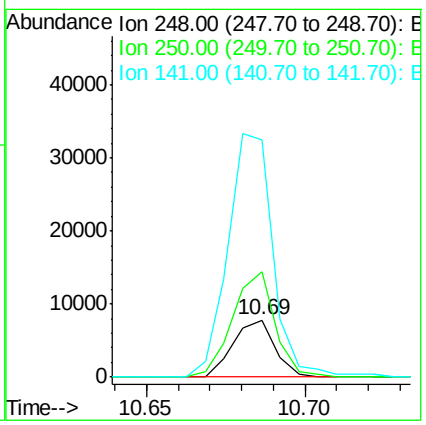


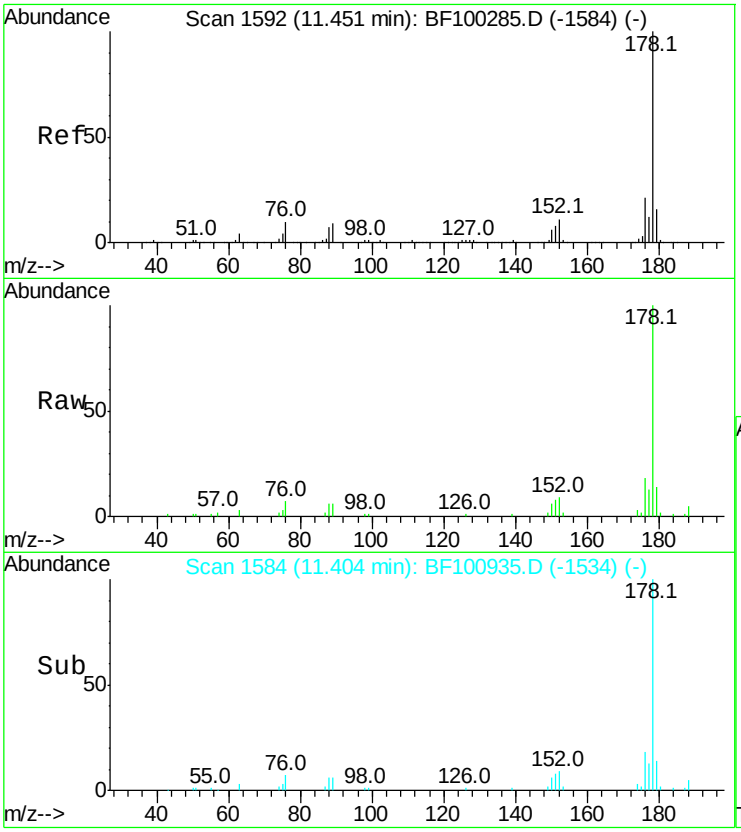


#66
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:248 Resp: 7074

Ion	Ratio	Lower	Upper
248	100		
250	184.6	76.9	115.3#
141	414.9	74.4	111.6#



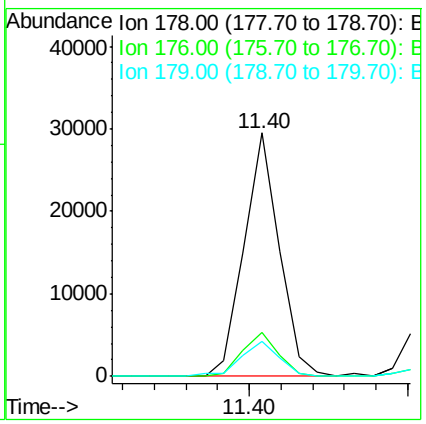


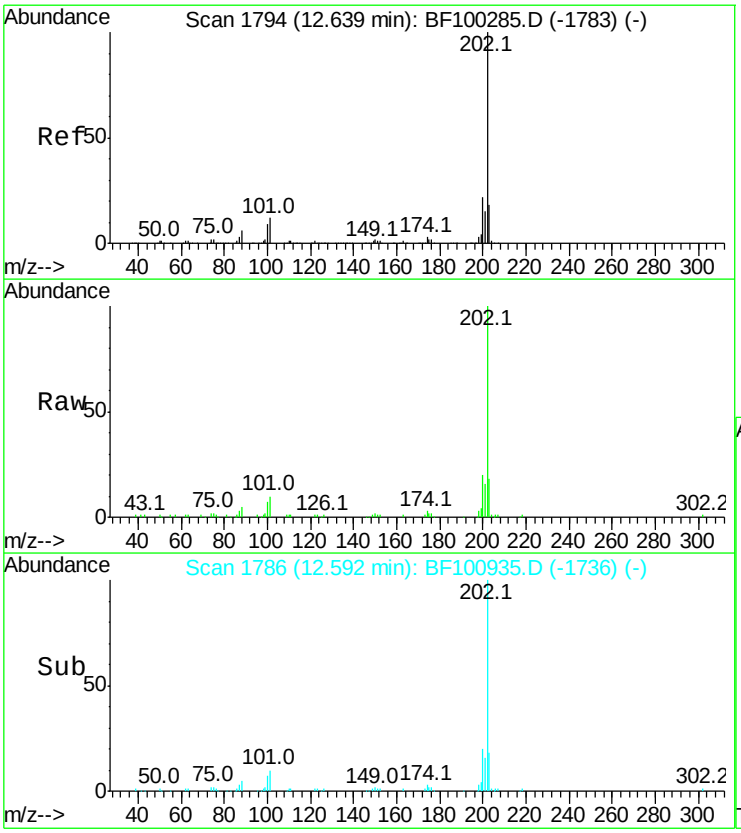
#70
Phenanthrene
Concen: 2.497 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 22703

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	14.2	13.0	19.6

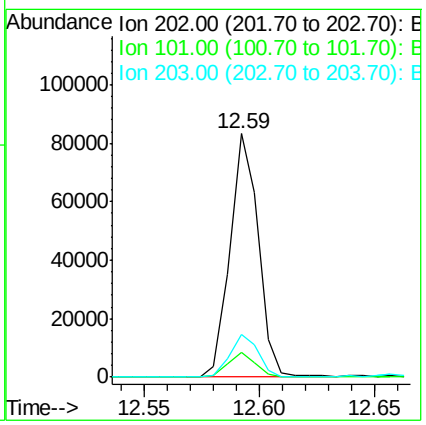


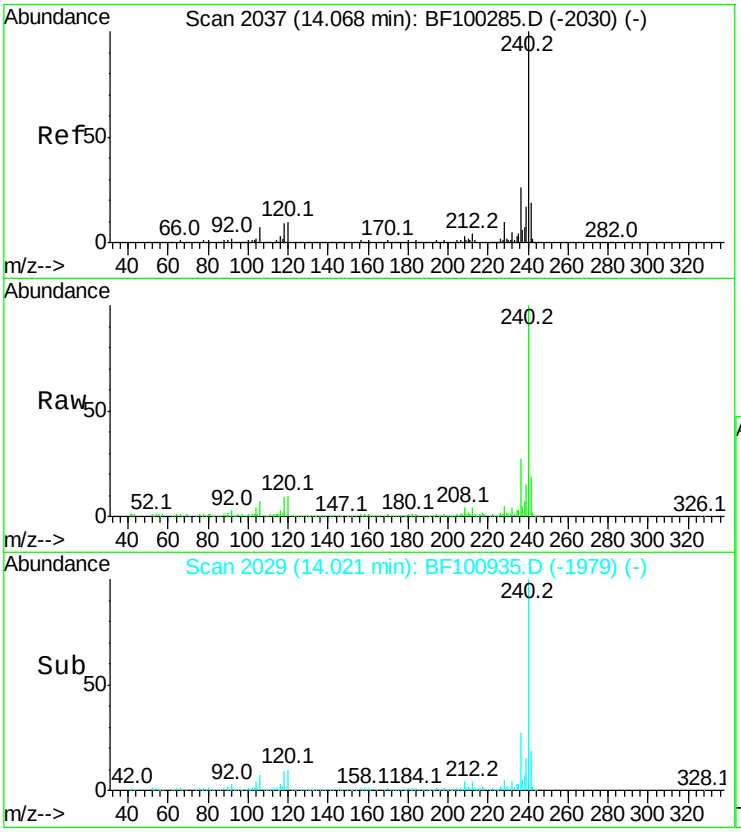


#74
Fluoranthene
Concen: 7.390 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:202 Resp: 71211

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.7	0.0	38.1



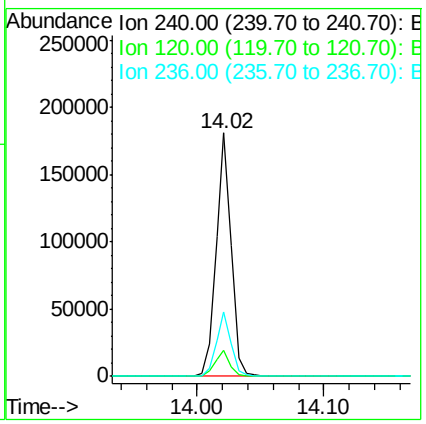


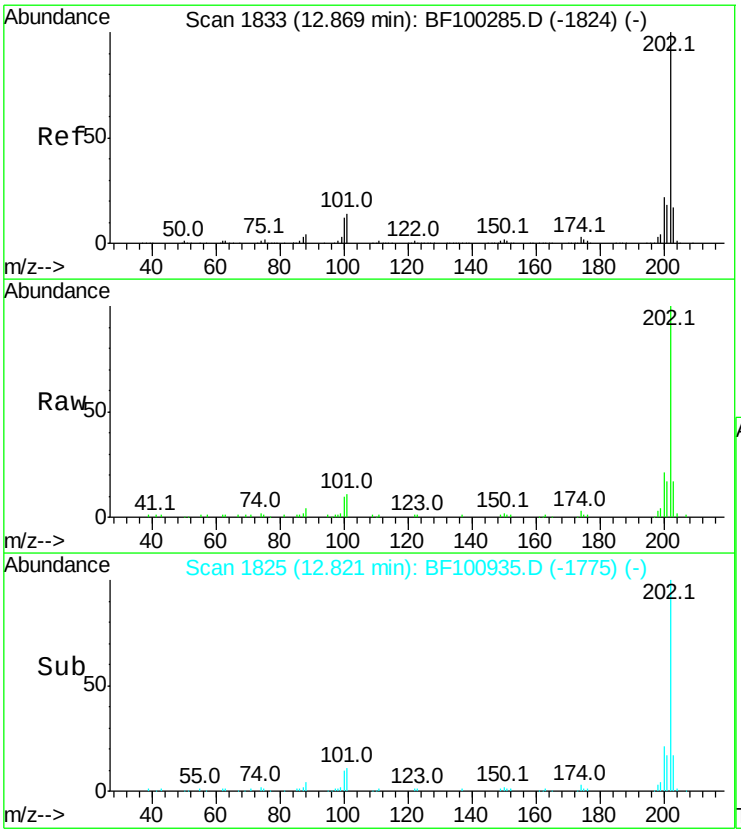
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 152225

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.5	20.7	31.1

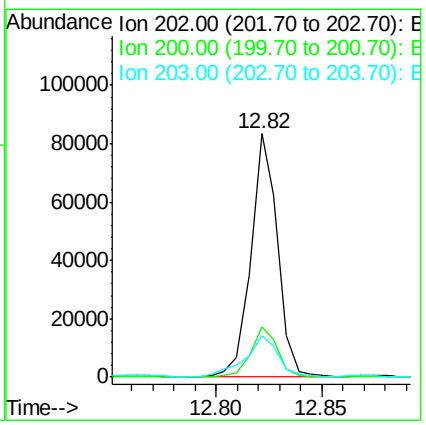


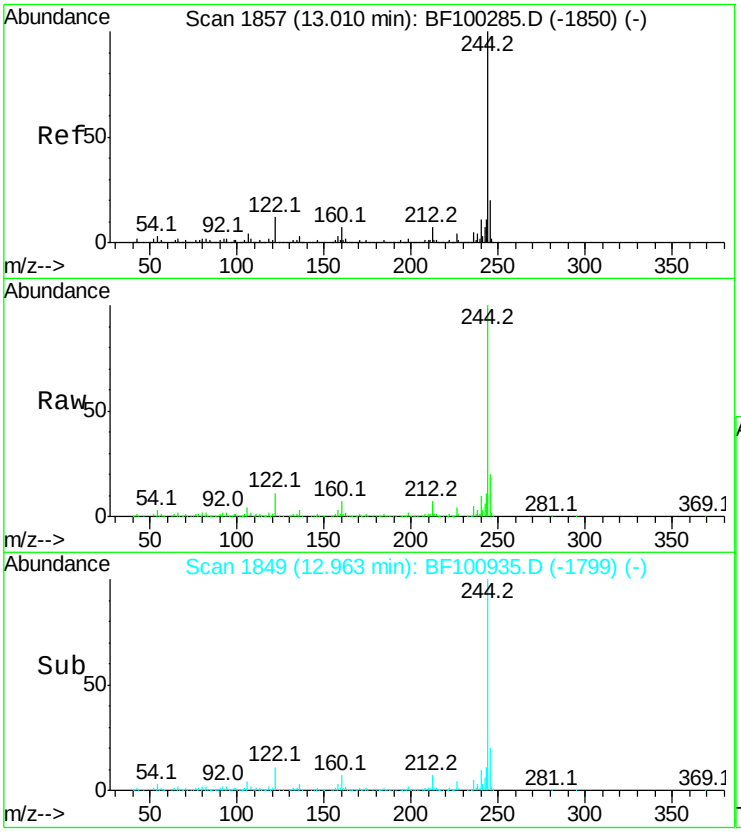


#77
Pyrene
Concen: 6.741 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:202 Resp: 73147

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.0	14.3	21.5



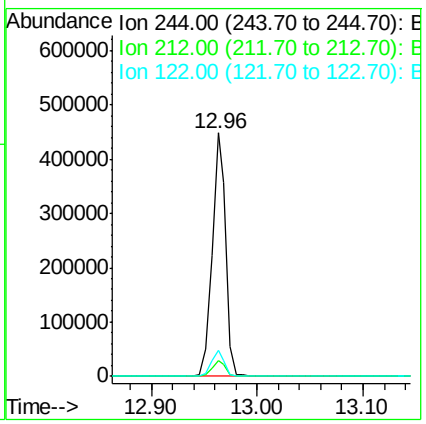


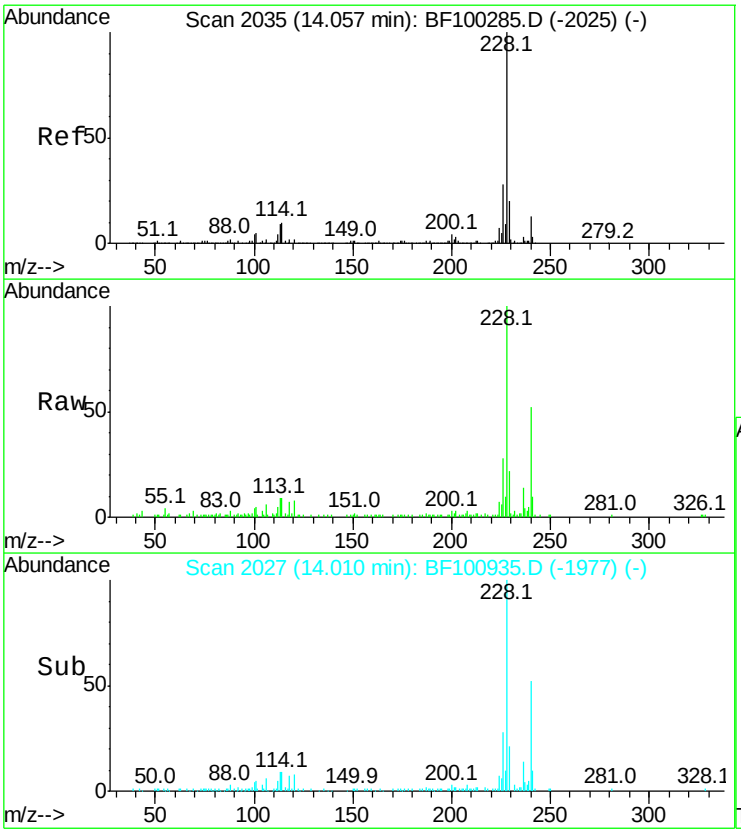
#78
Terphenyl-d14
Concen: 61.287 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 406034

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.7	11.0	16.4#

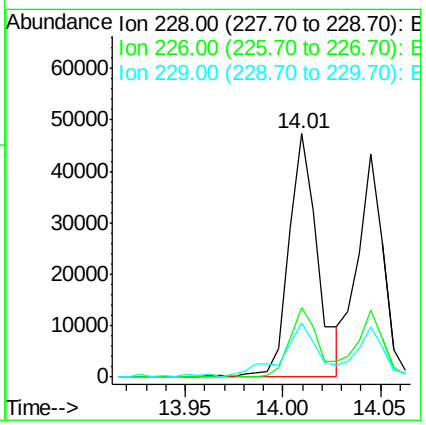


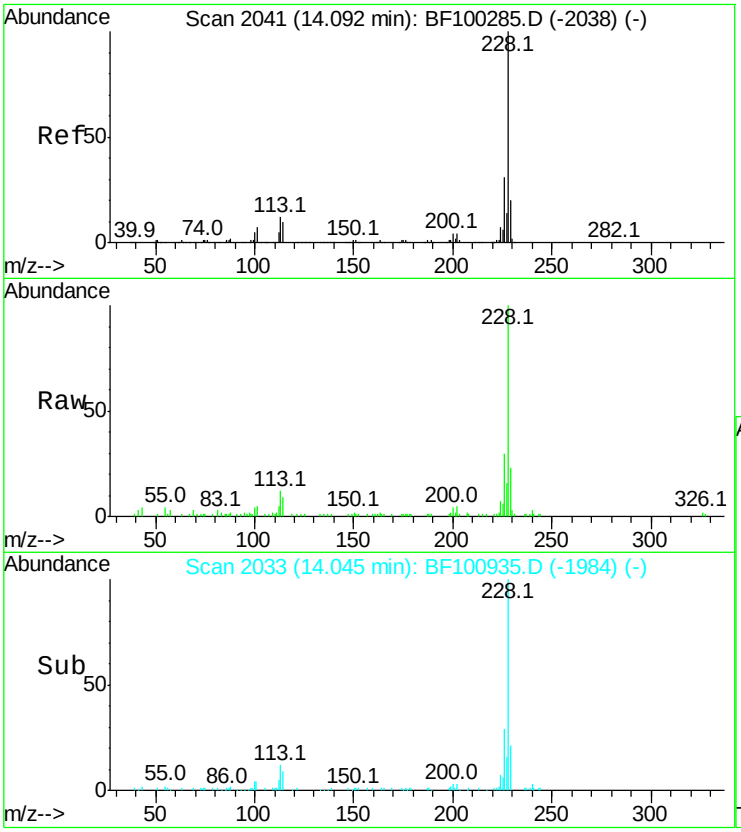


#80
Benzo(a)anthracene
Concen: 5.271 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:228 Resp: 48317

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.1	15.8	23.6



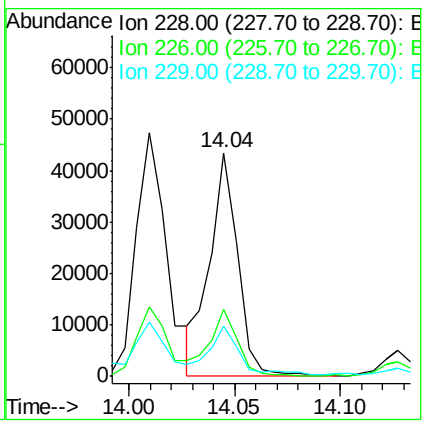


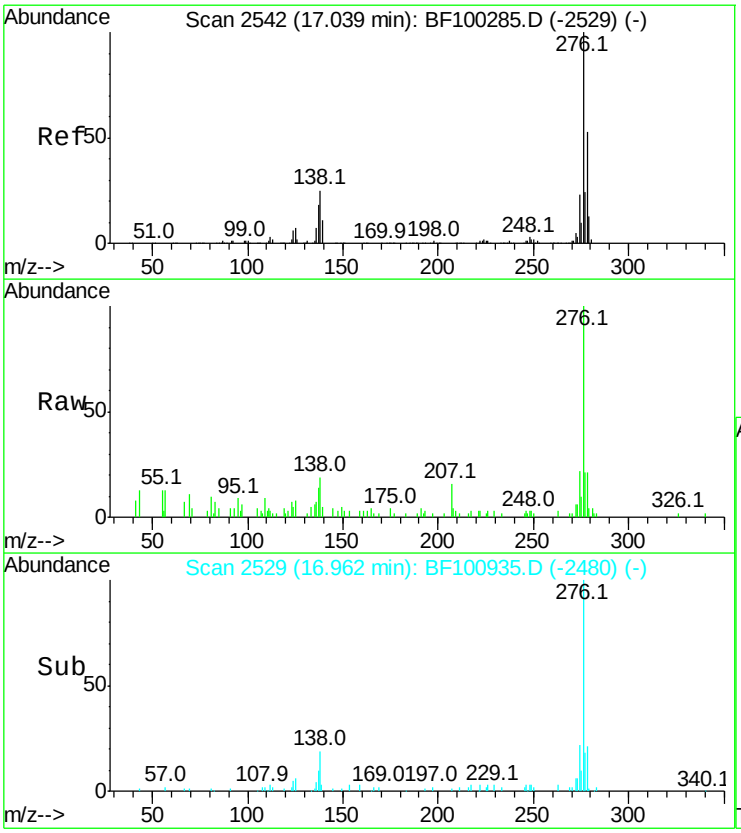
#82
Chrysene
Concen: 4.600 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 40836

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.7	16.2	24.4

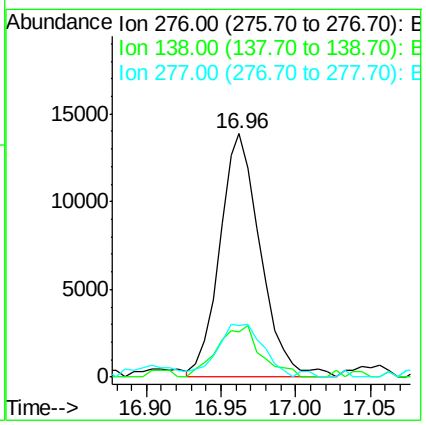


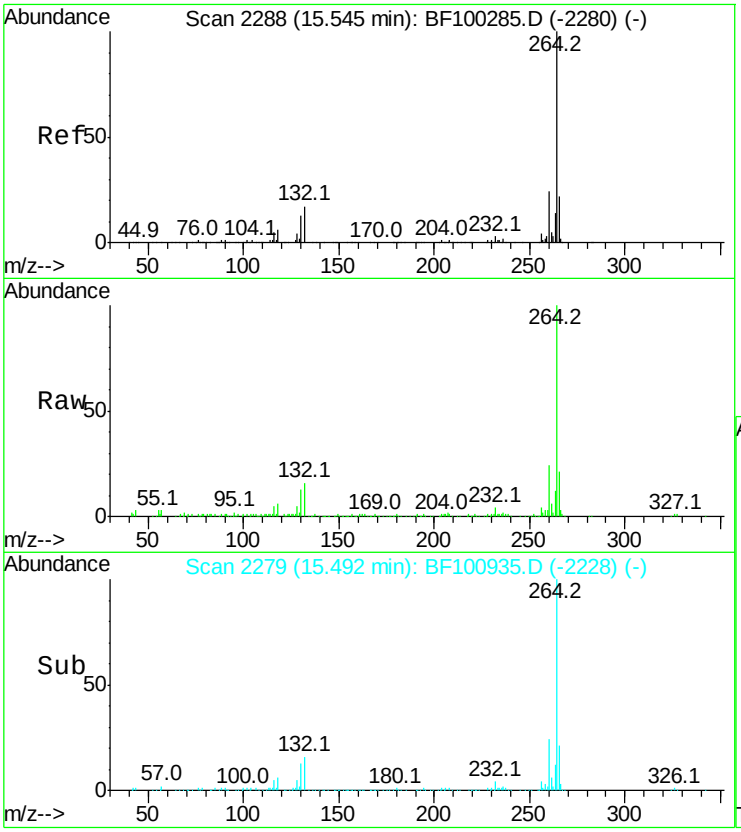


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.684 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:276 Resp: 26449

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.4	20.1	30.1



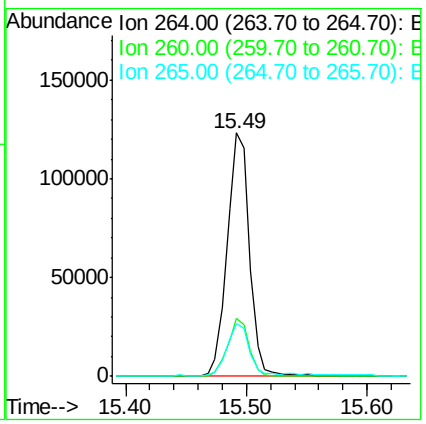


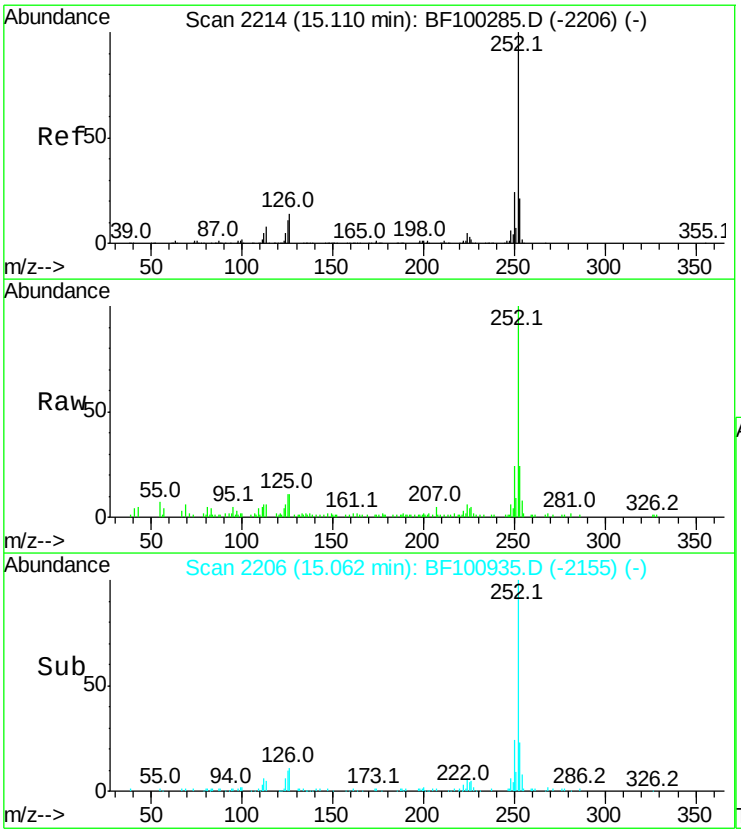
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 158662

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

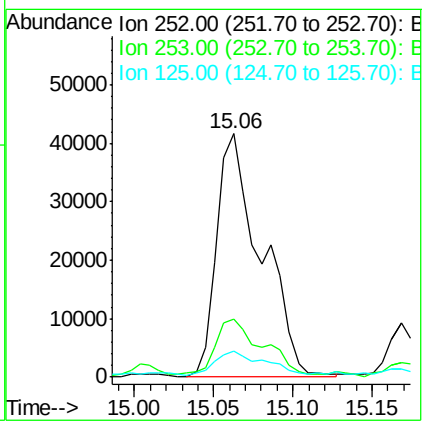


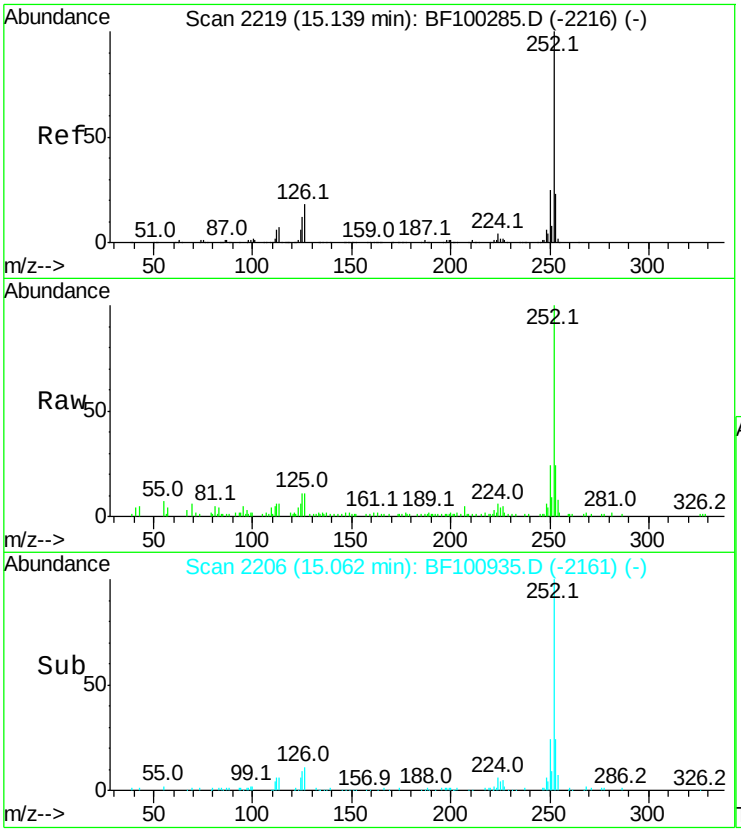


#87
Benzo(b)fluoranthene
Concen: 8.683 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:252 Resp: 81622

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	10.7	9.0	13.6



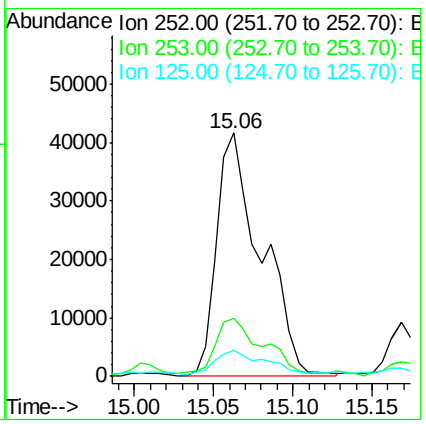


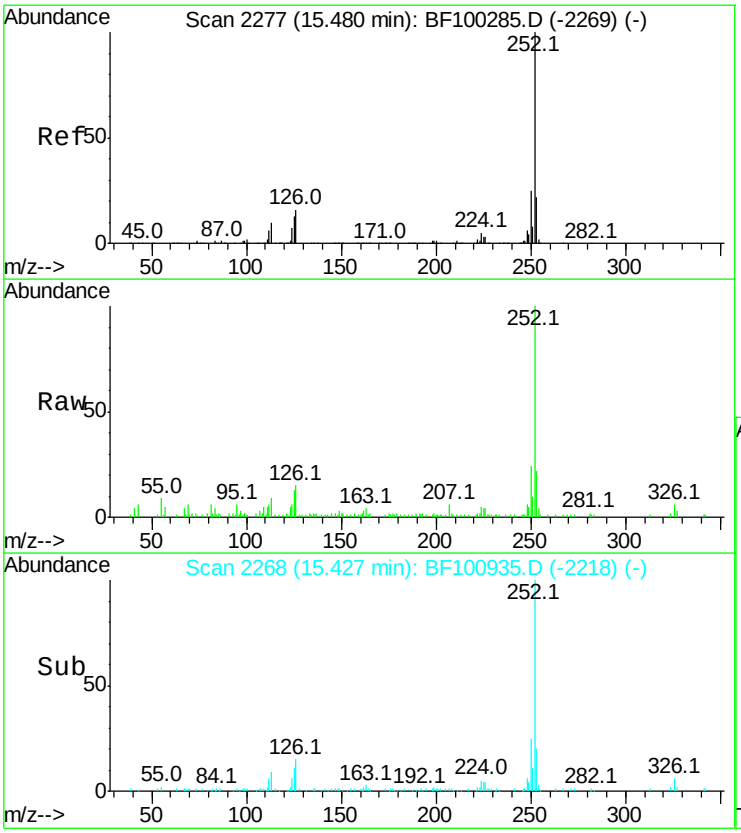
#88
Benzo(k)fluoranthene
Concen: 9.190 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81622

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	10.7	10.2	15.2

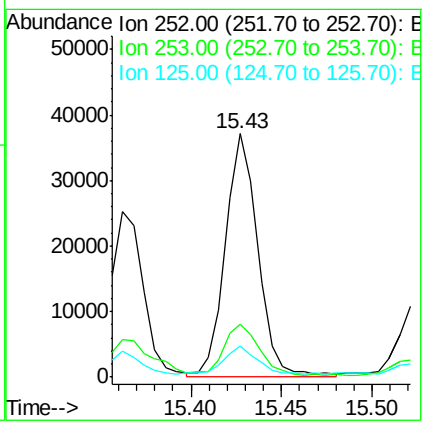


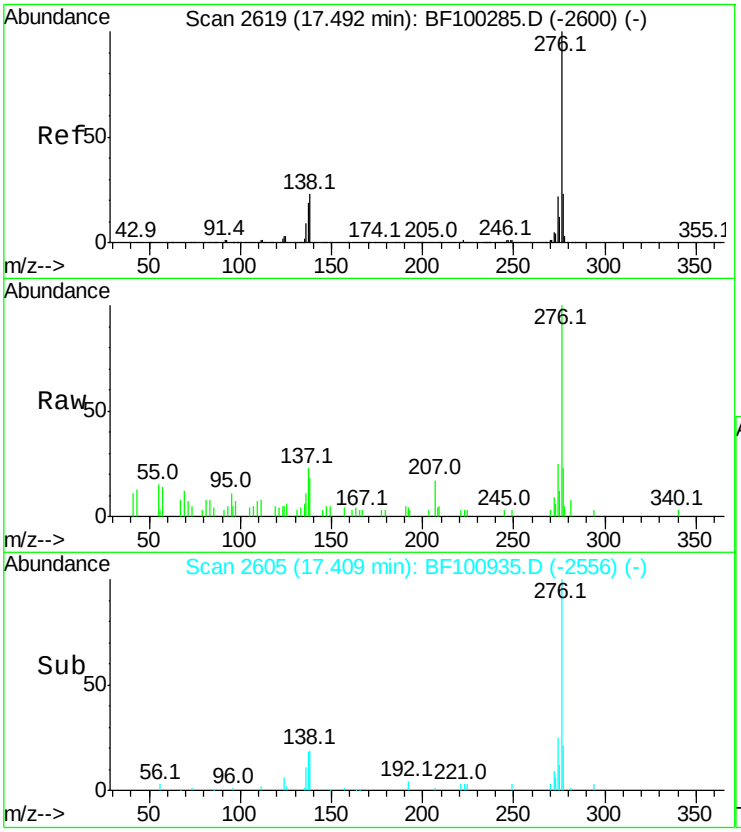


#89
Benzo(a)pyrene
Concen: 5.614 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Tgt Ion:252 Resp: 46783

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.753 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF100935.D
Acq: 28 Nov 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25036

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	18.3	21.8	32.8#