Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100955.D
Acq On : 29 Nov 2017 1:43
Operator : SJ/JU
Sample : I6579-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 04:47:47 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	63187	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	223132	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	89482	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	152556	20.00	ng		0.00
75) Chrysene-d12	14.02	240	156984	20.00	ng		0.00
86) Perylene-d12	15.50	264	127992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	398586	101.12	ng		0.00
7) Phenol-d6	6.49	99	459413	94.51	ng		0.00
23) Nitrobenzene-d5	7.42	82	278805	82.61	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	94393	103.52	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	536571	91.31	ng		0.00
78) Terphenyl-d14	12.96	244	448908	65.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	8585	2.473	ng		82
10) Phenol	6.50	94	10541	2.066	ng	#	71
19) n-Nitroso-di-n-propylamine	7.42	70	35474	10.523	ng	#	83
25) Isophorone	7.42	82	278801	39.311	ng	#	64
47) 2-Nitroaniline	9.21	65	783	3.229	ng	#	9
49) Dimethylphthalate	9.60	163	17749	2.598	ng		98
50) 2,6-Dinitrotoluene	9.89	165	11209	8.288	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	11209	6.570	ng	#	21
62) Azobenzene	10.60	77	33703	5.234	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	6127	3.747	ng	#	1
70) Phenanthrene	11.40	178	66756	8.311	ng		97
74) Fluoranthene	12.59	202	132076	15.515	ng		95
77) Pyrene	12.82	202	134476	12.017	ng		97
80) Benzo(a)anthracene	14.01	228	67423	7.132	ng		100
82) Chrysene	14.04	228	62474	6.824	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	23752	3.208	ng	#	89
87) Benzo(b)fluoranthene	15.06	252	90870	11.984	ng		96
88) Benzo(k)fluoranthene	15.06	252	90870	12.683	ng		97
89) Benzo(a)pyrene	15.43	252	46481	6.914	ng		97
91) Benzo(g,h,i)perylene	17.42	276	27146	5.044	ng	#	87

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

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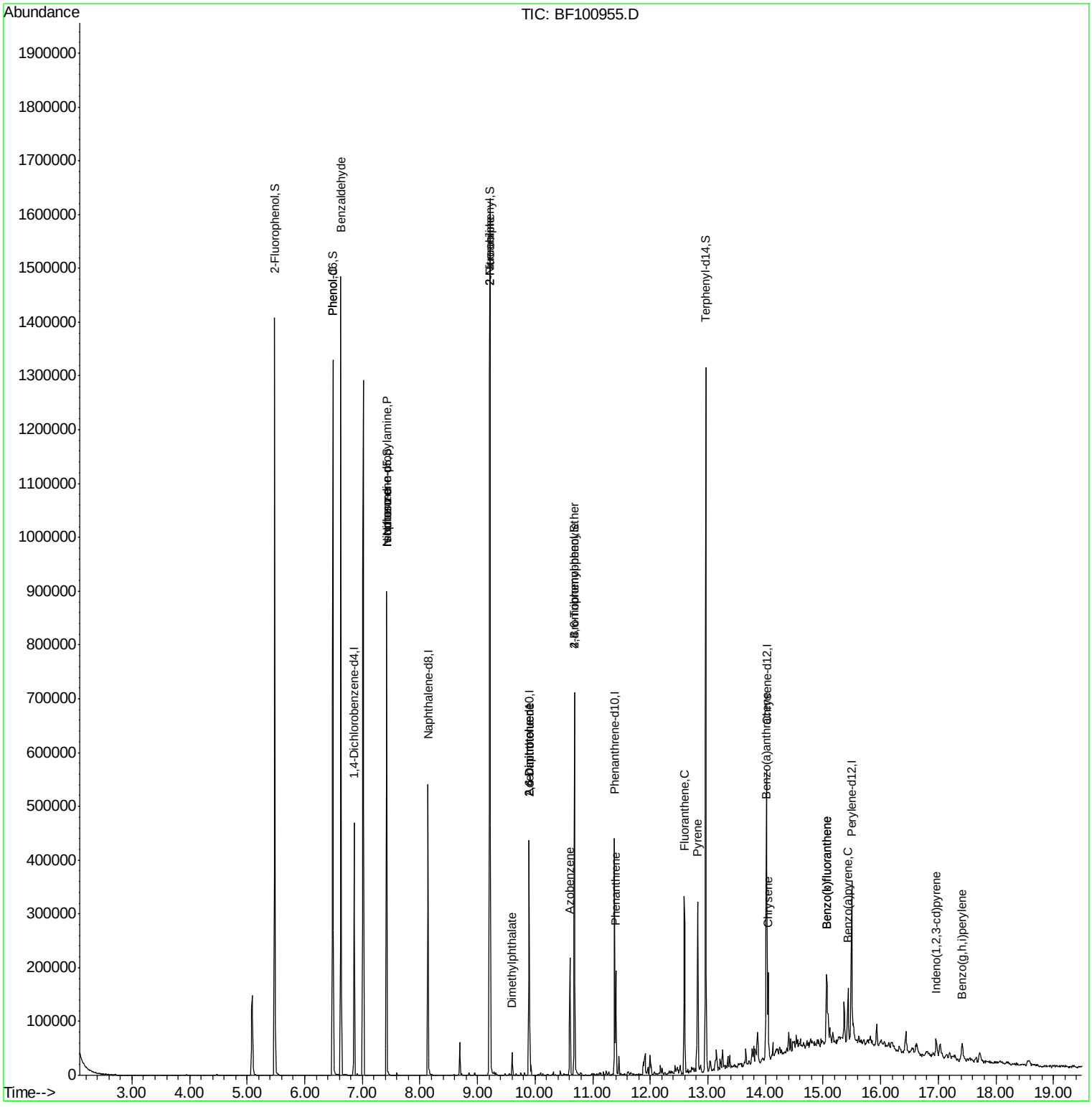
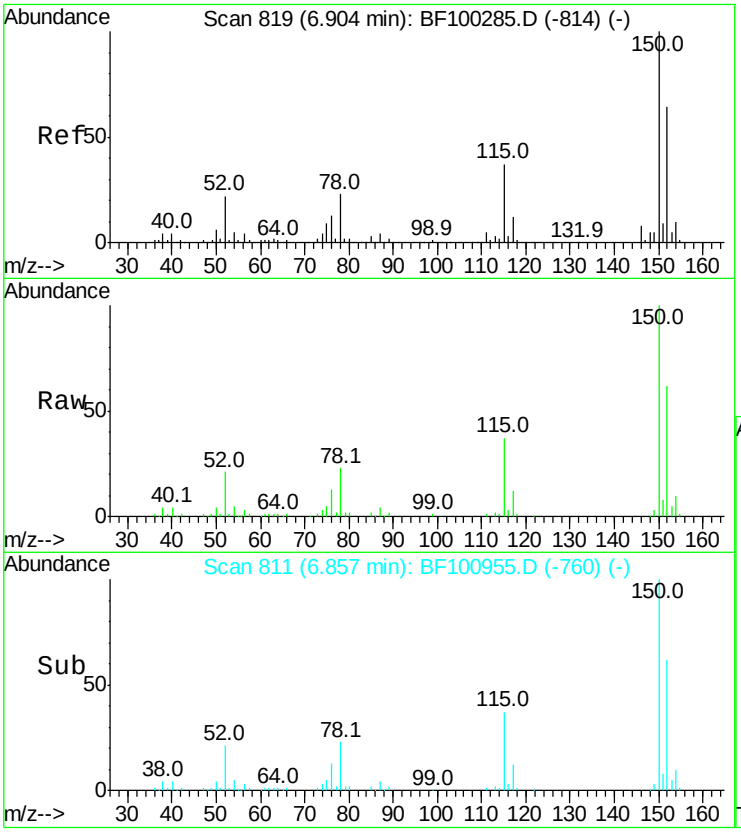


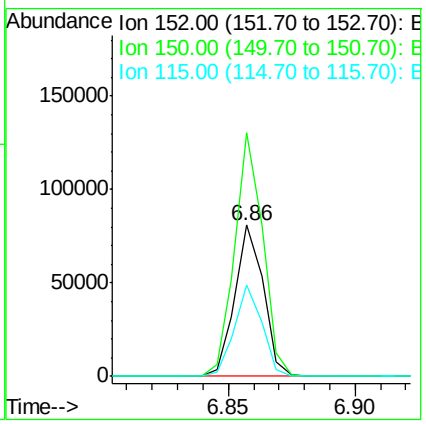


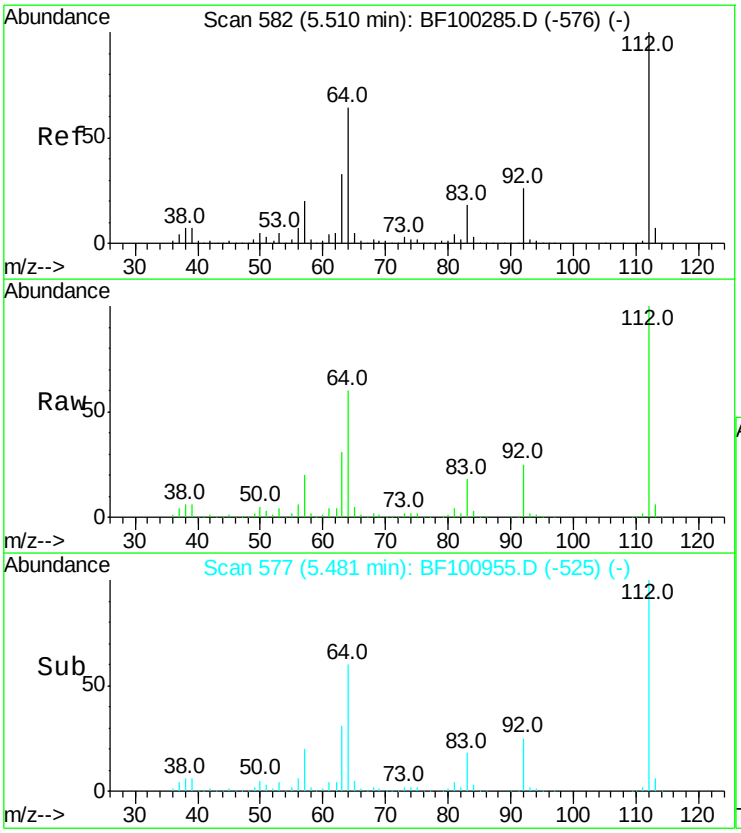
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63187

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	60.3	50.1	75.1

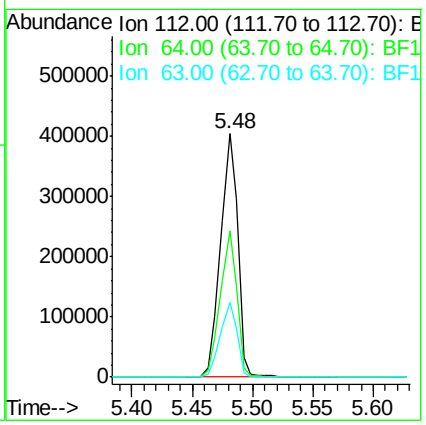


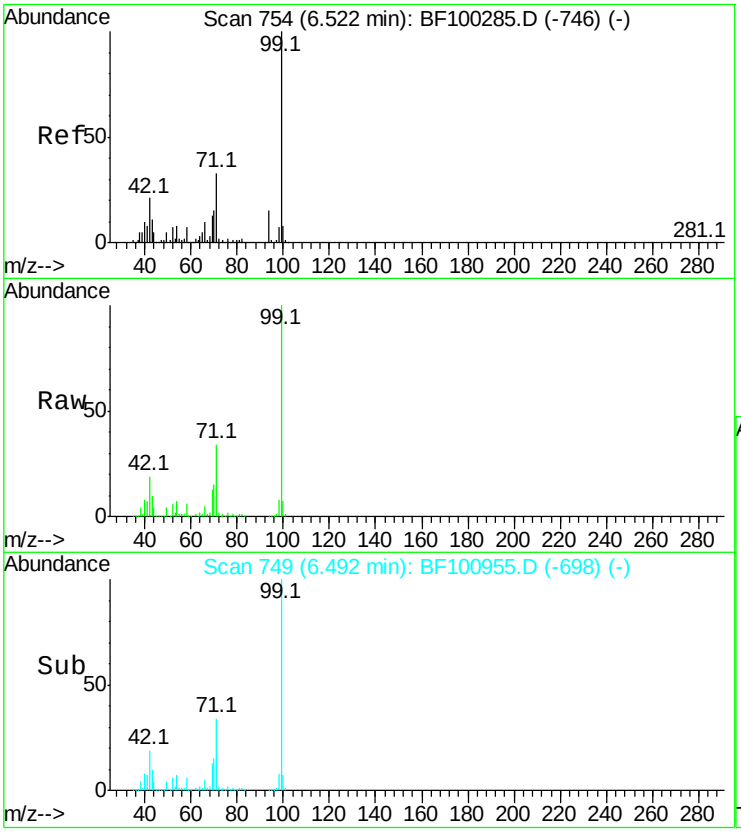


#5
2-Fluorophenol
Concen: 101.117 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:112 Resp: 398586

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.7	23.7	35.5



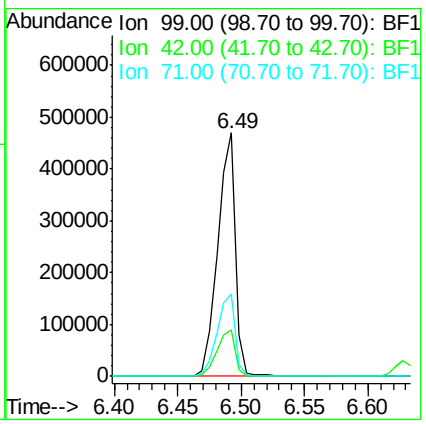


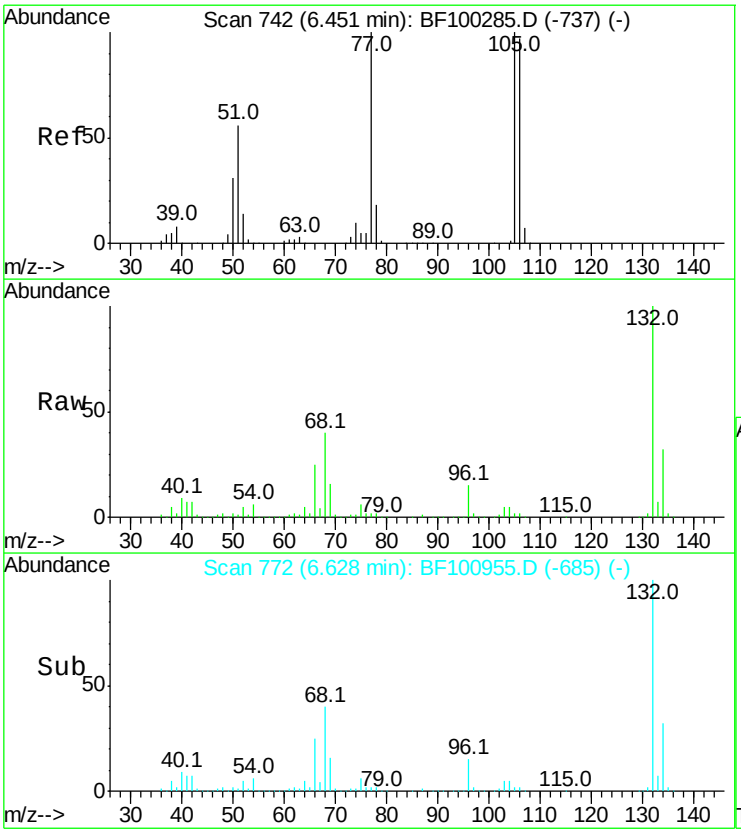
#7
Phenol-d6
Concen: 94.514 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 459413

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.8	25.4	38.0

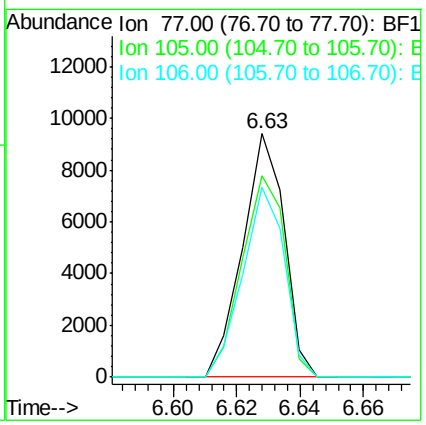


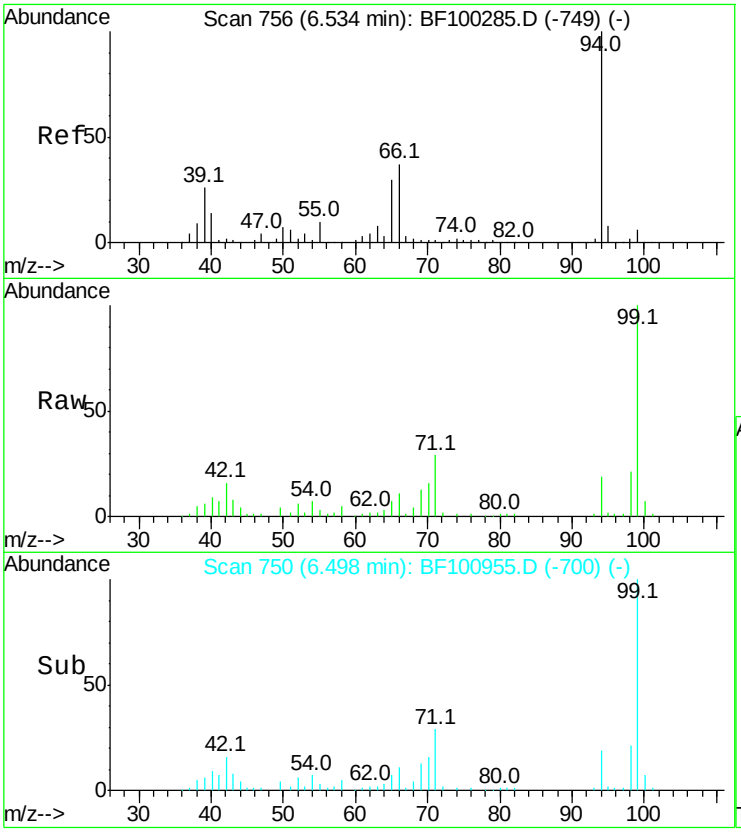


#9
Benzaldehyde
Concen: 2.473 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.21 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion: 77 Resp: 8585

Ion	Ratio	Lower	Upper
77	100		
105	82.6	81.1	121.1
106	78.1	74.5	114.5



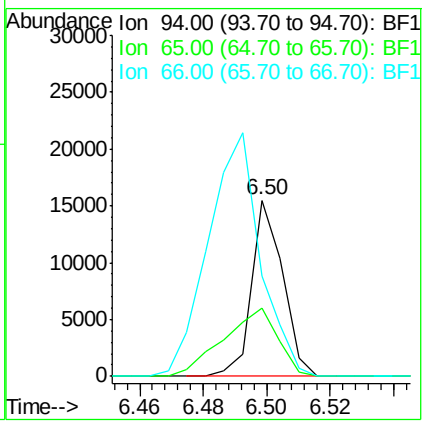


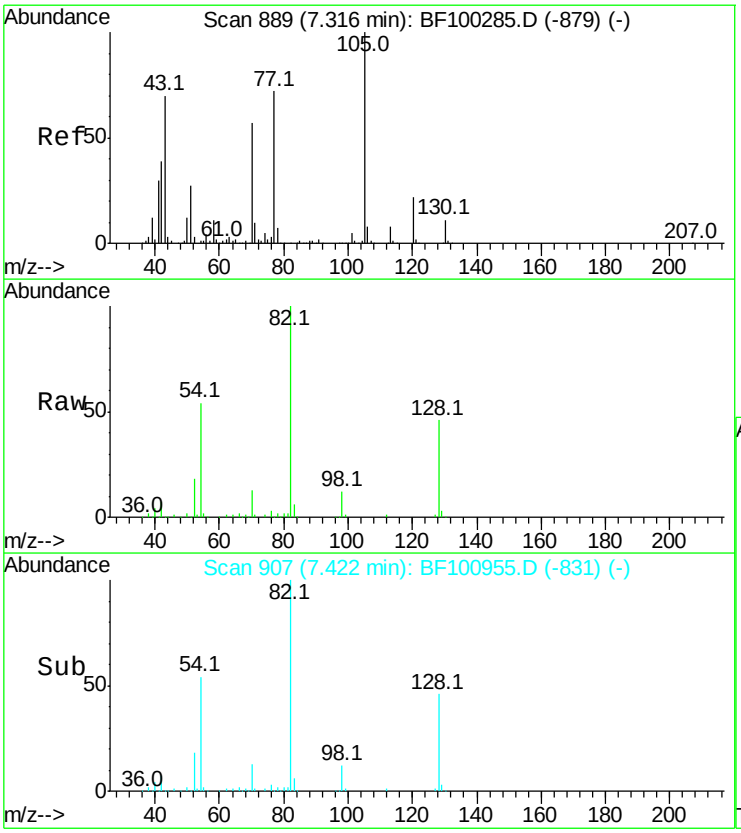
#10
Phenol
Concen: 2.066 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 10541

Ion	Ratio	Lower	Upper
94	100		
65	38.5	7.9	47.9
66	57.1	16.2	56.2#

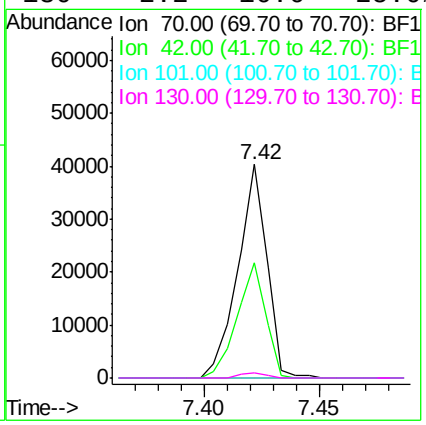


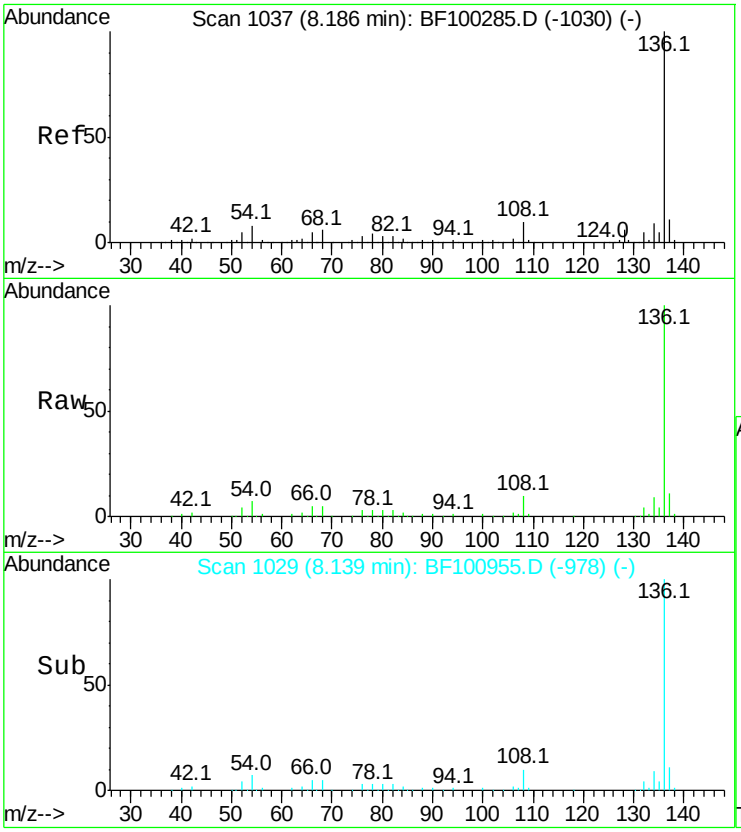


#19
n-Nitroso-di-n-propylamine
Concen: 10.523 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion: 70 Resp: 35474

Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



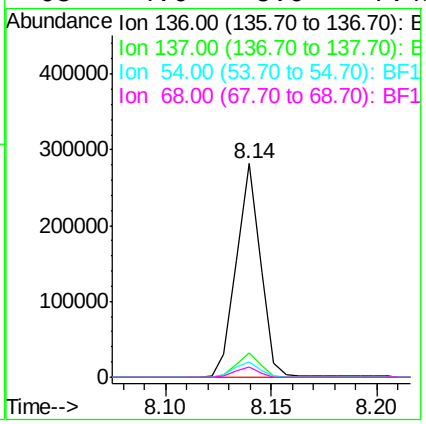


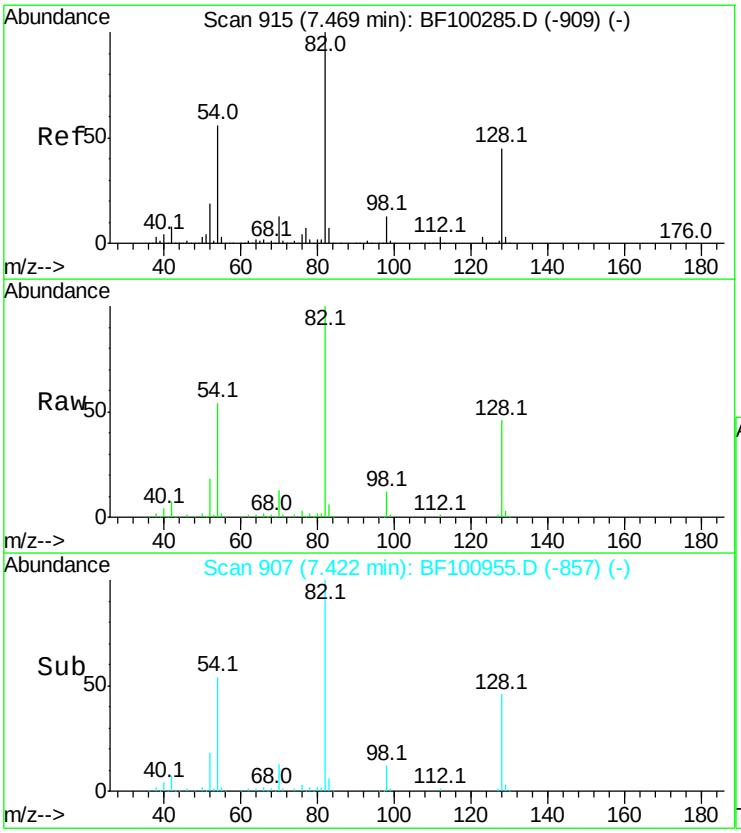
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 223132

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	6.6	9.8
68	4.6	5.0	7.4#

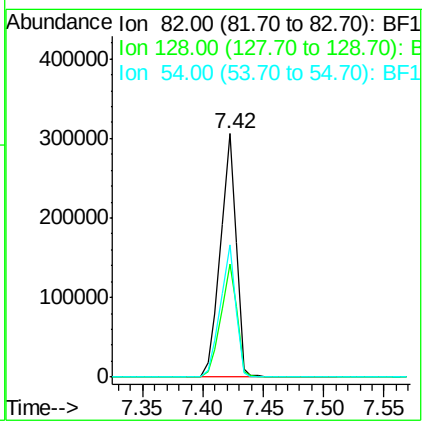


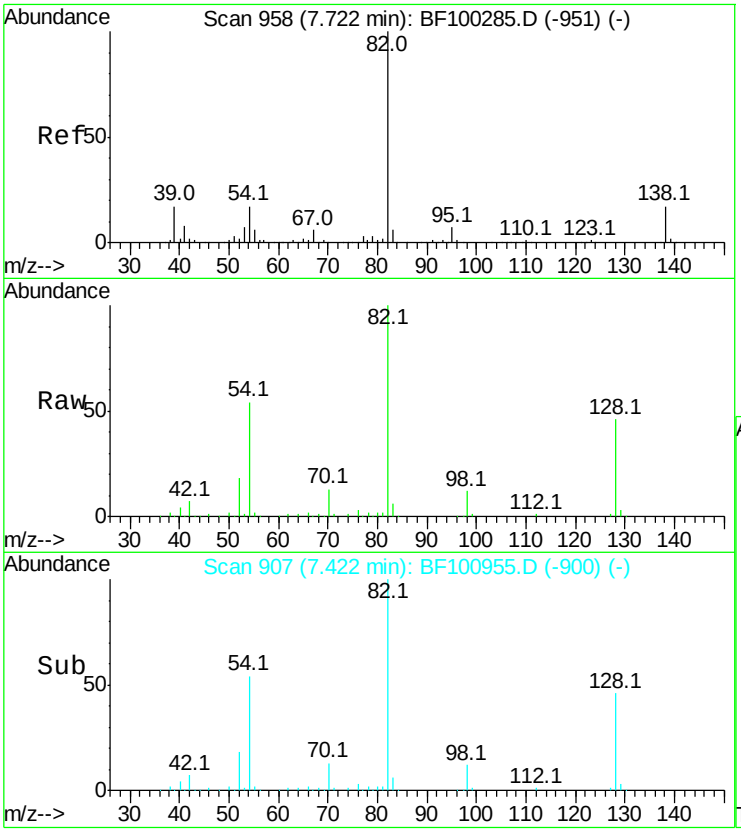


#23
Nitrobenzene-d5
Concen: 82.609 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion: 82 Resp: 278805

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.2	41.4	62.2



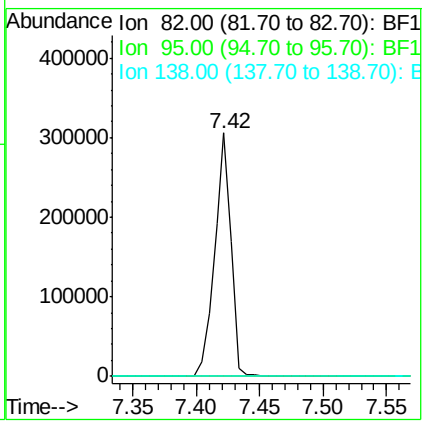


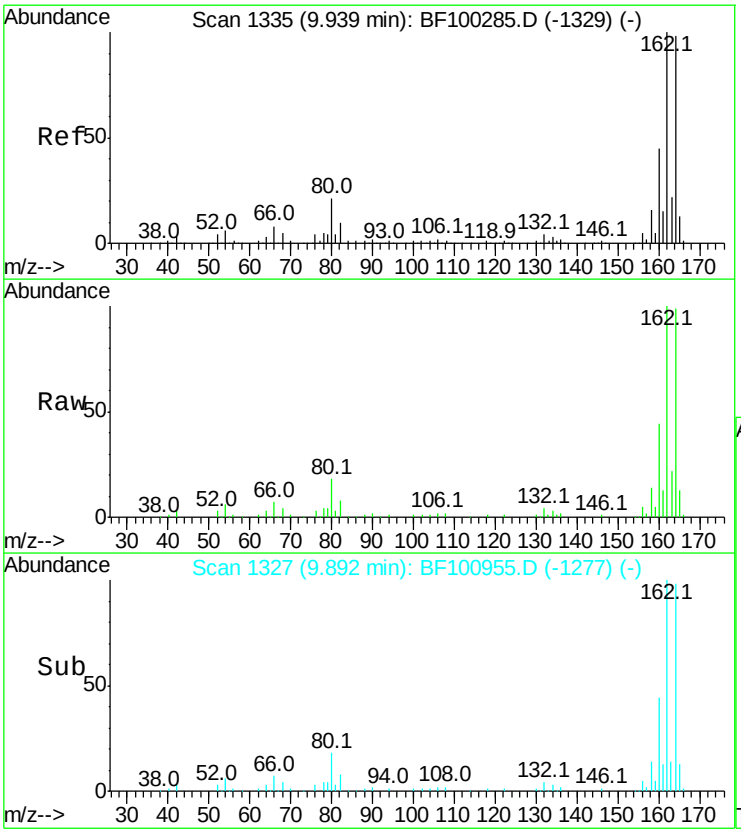
#25
Isophorone
Concen: 39.311 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 278801

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

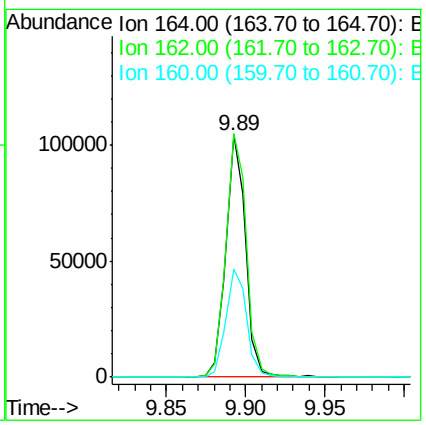


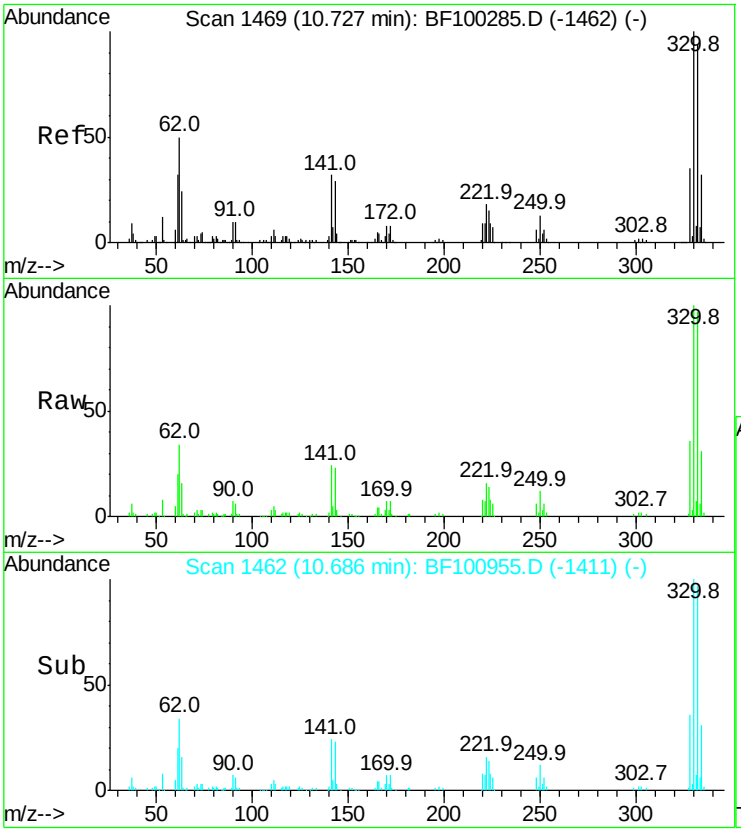


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:164 Resp: 89482

Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	44.6	38.3	57.5



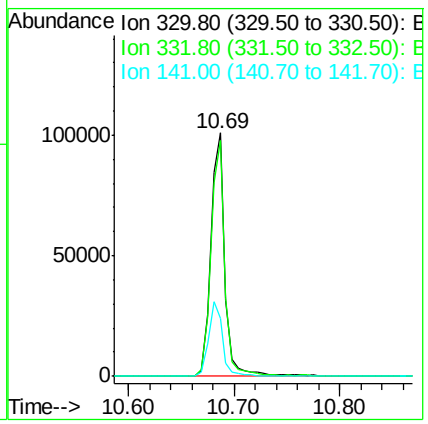


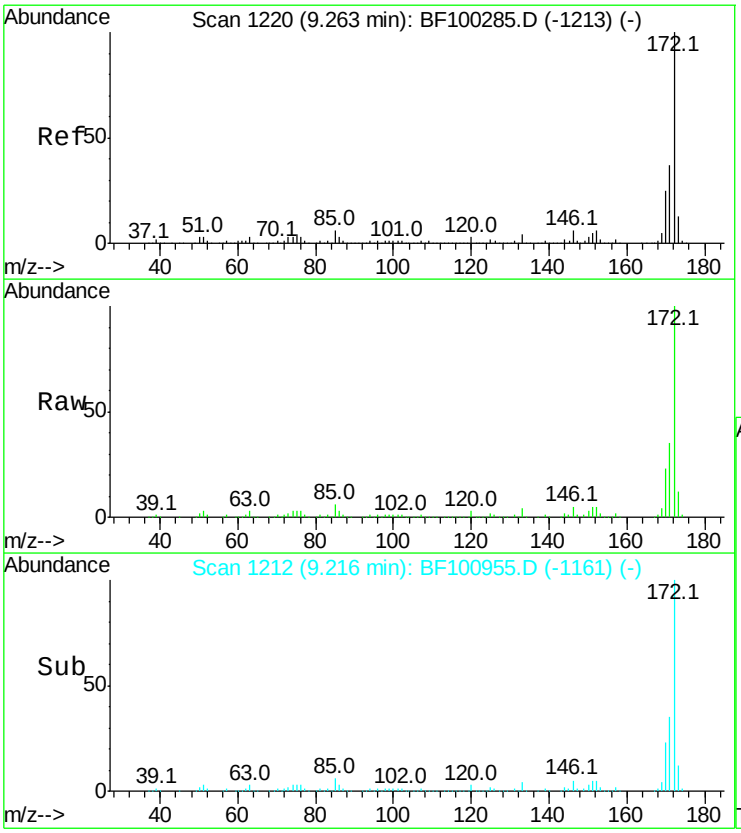
#41
2,4,6-Tribromophenol
Concen: 103.521 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 94393

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.1	29.9	44.9

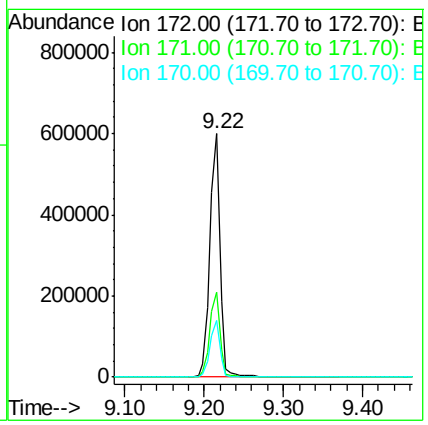


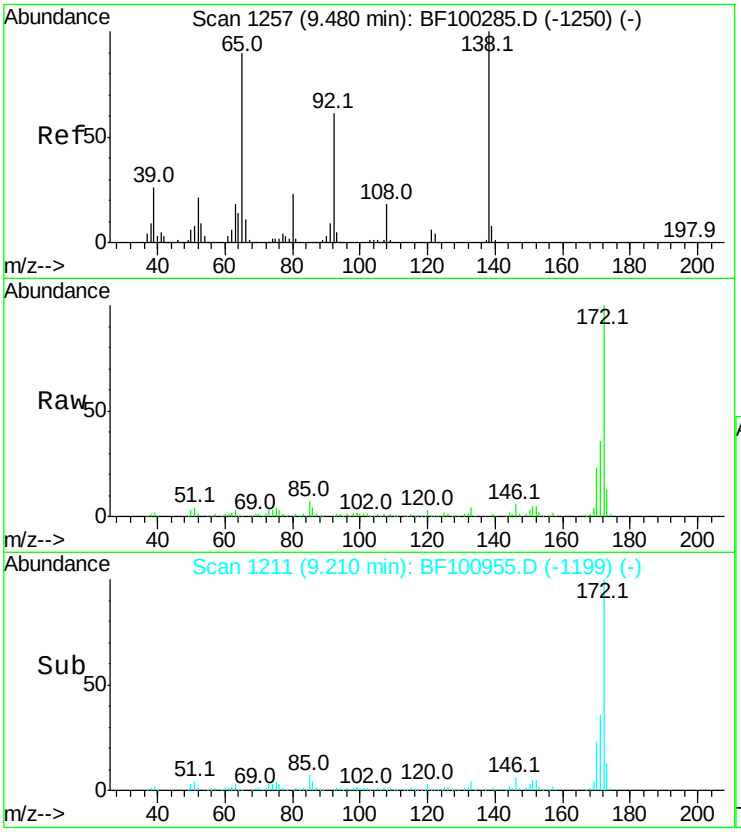


#44
2-Fluorobiphenyl
Concen: 91.308 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:172 Resp: 536571

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.4	19.6	29.4



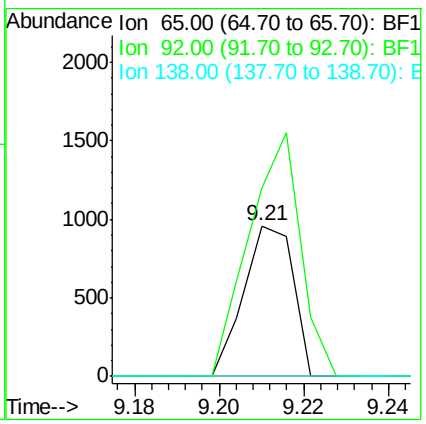


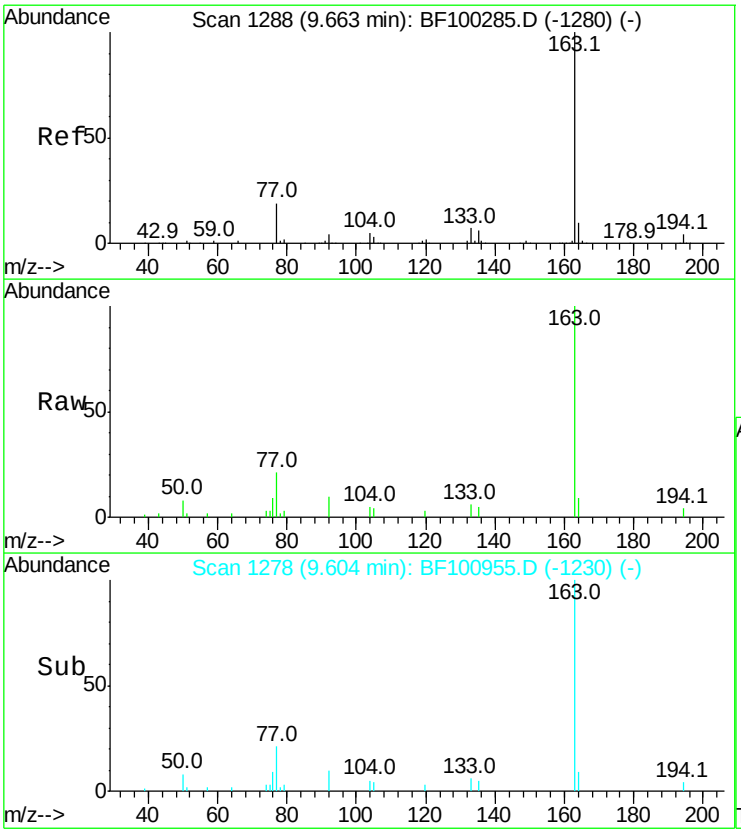
#47
2-Nitroaniline
Concen: 3.229 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.23 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 783

Ion	Ratio	Lower	Upper
65	100		
92	124.9	55.8	83.6#
138	0.0	91.2	136.8#

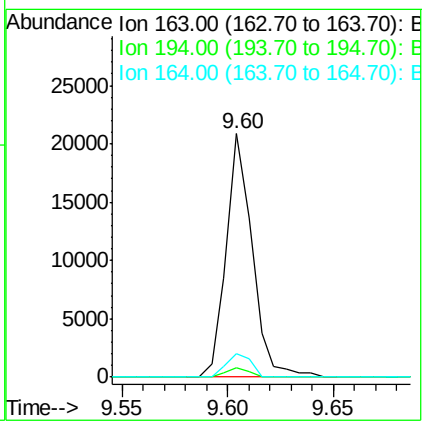


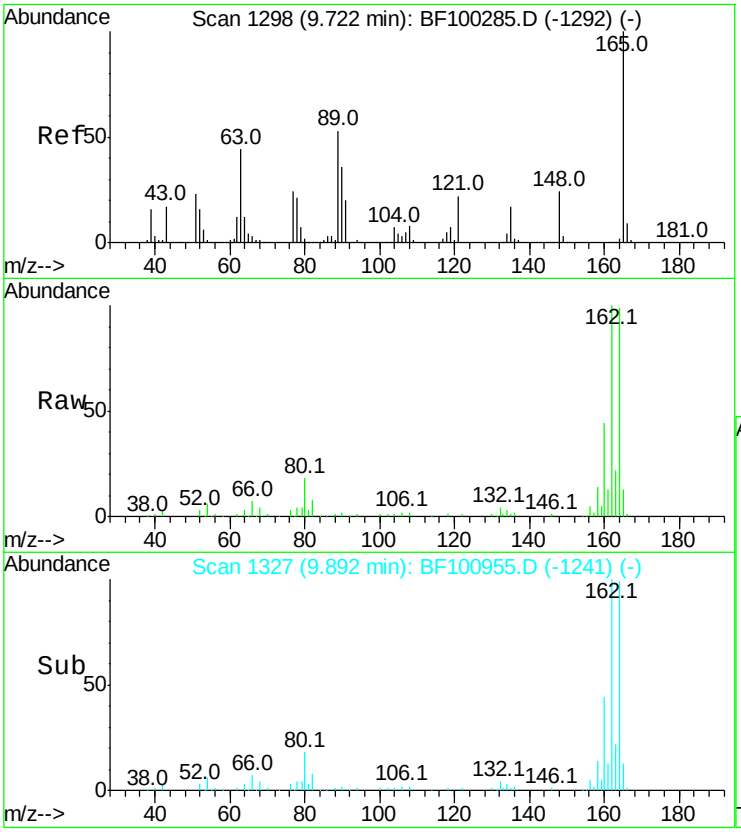


#49
Dimethylphthalate
Concen: 2.598 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:163 Resp: 17749

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.4	8.2	12.2



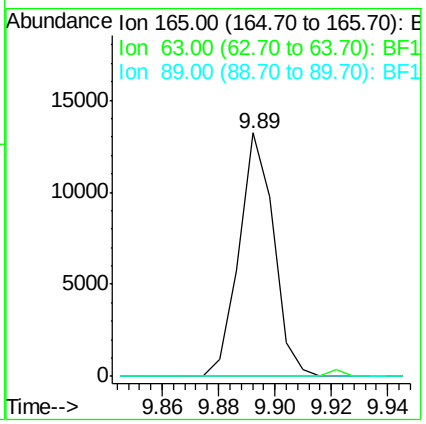


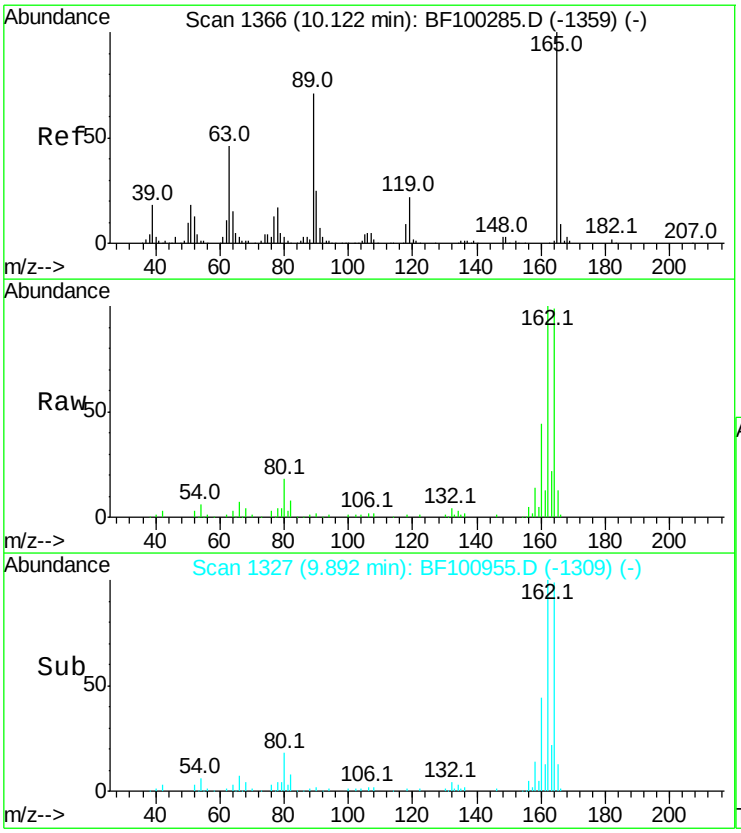
#50
2,6-Dinitrotoluene
Concen: 8.288 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11209

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

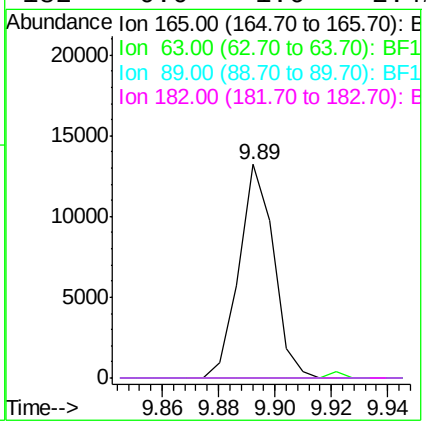


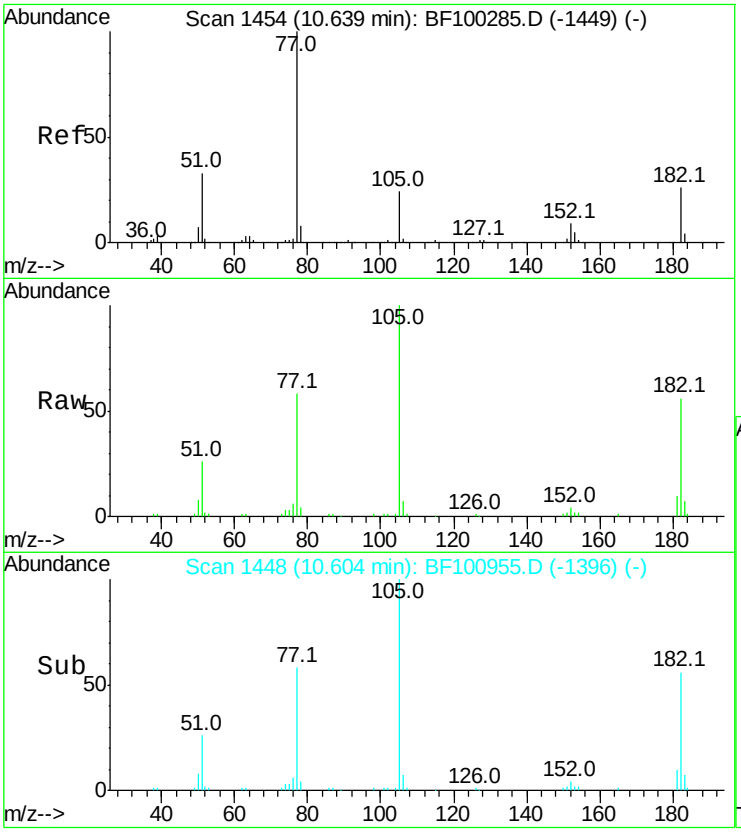


#56
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:165 Resp: 11209

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#



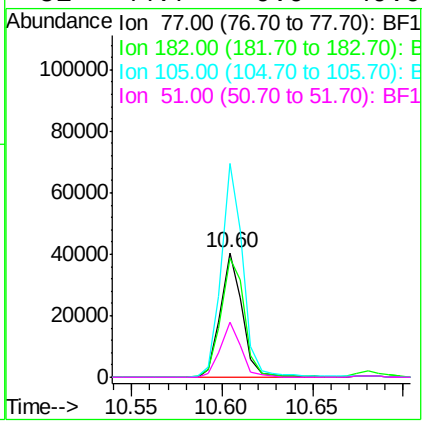


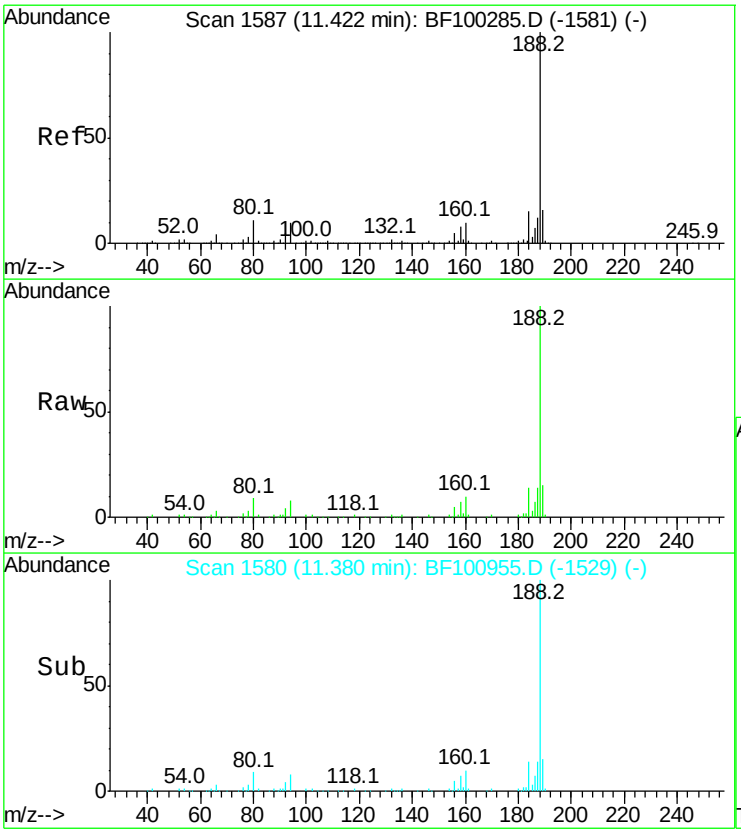
#62
Azobenzene
Concen: 5.234 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 33703

Ion	Ratio	Lower	Upper
77	100		
182	95.5	1.7	41.7#
105	171.7	3.0	43.0#
51	44.7	9.9	49.9

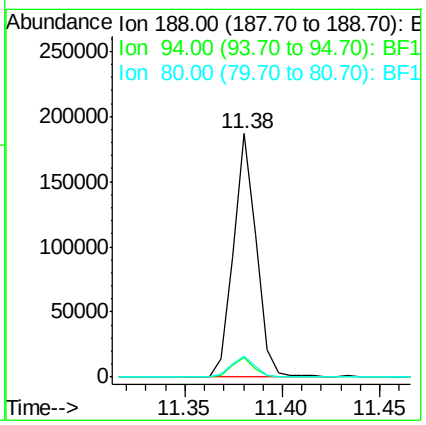


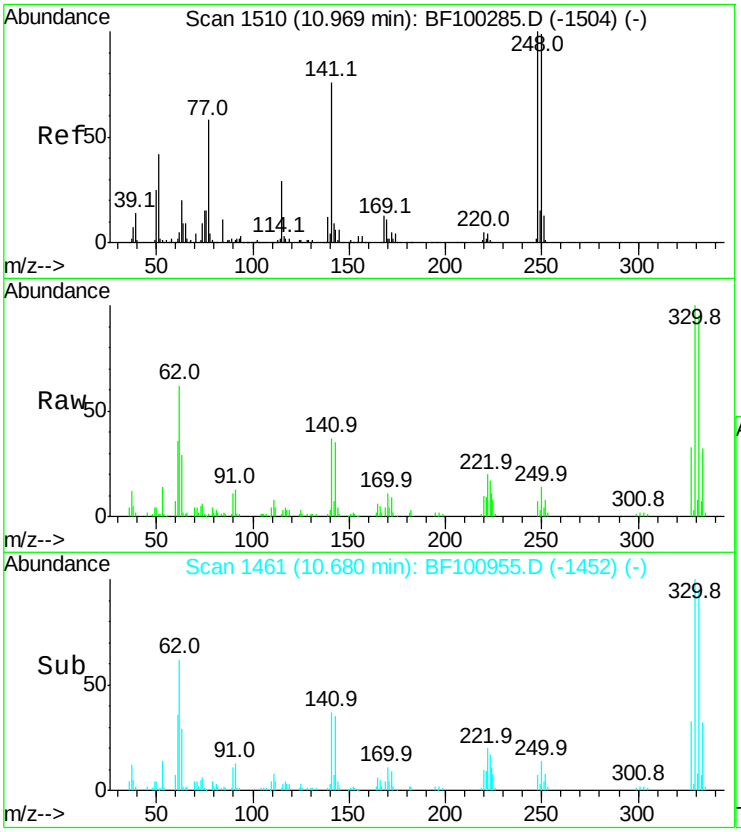


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:188 Resp: 152556

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	9.2	13.8#



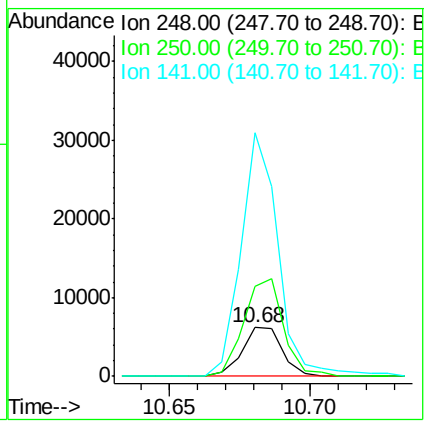


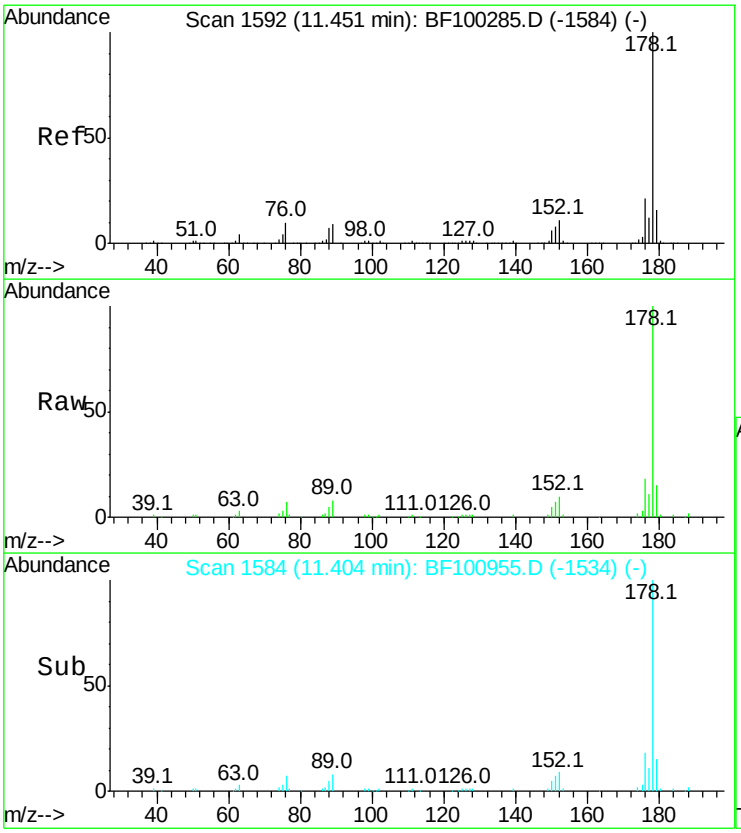
#66
4-Bromophenyl-phenylether
Concen: 3.747 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6127

Ion	Ratio	Lower	Upper
248	100		
250	184.4	76.9	115.3#
141	498.6	74.4	111.6#

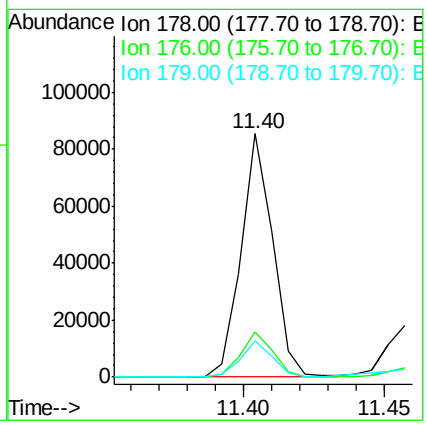


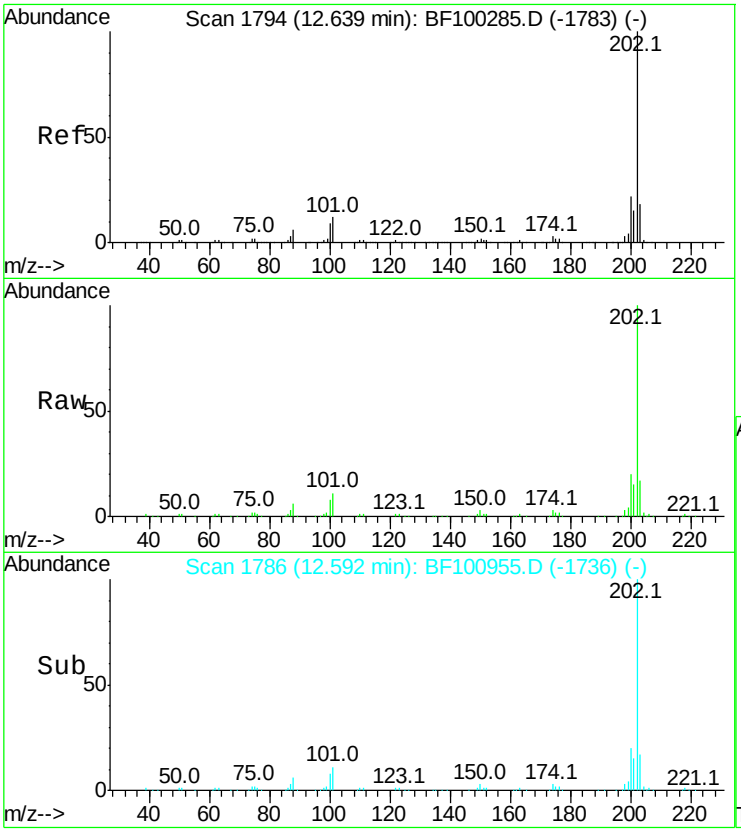


#70
Phenanthrene
Concen: 8.311 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:178 Resp: 66756

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.0	13.0	19.6



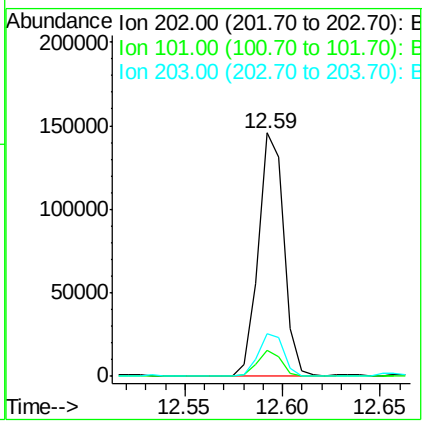


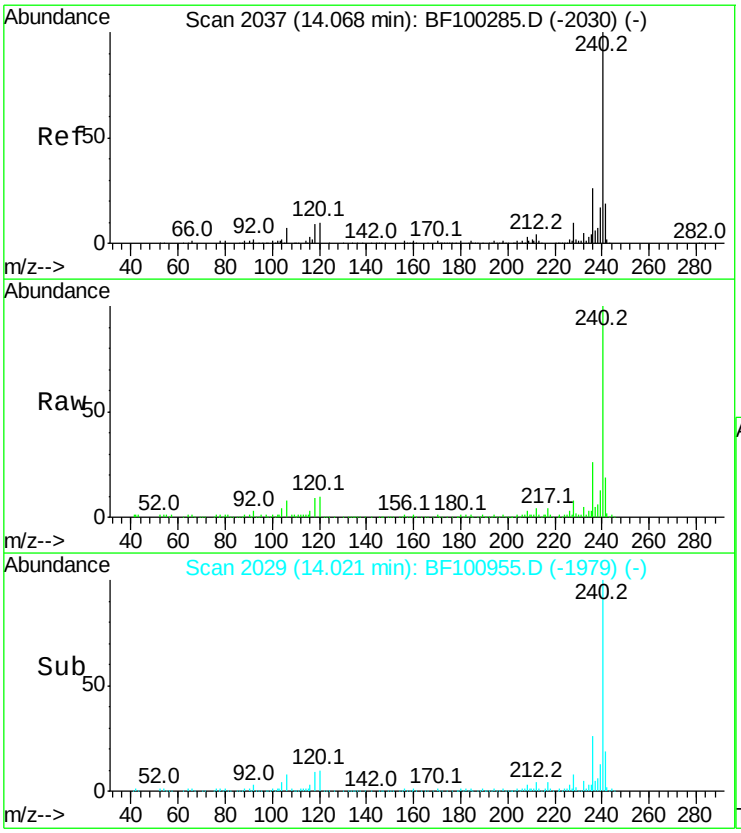
#74
Fluoranthene
Concen: 15.515 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 132076

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.4	0.0	38.1

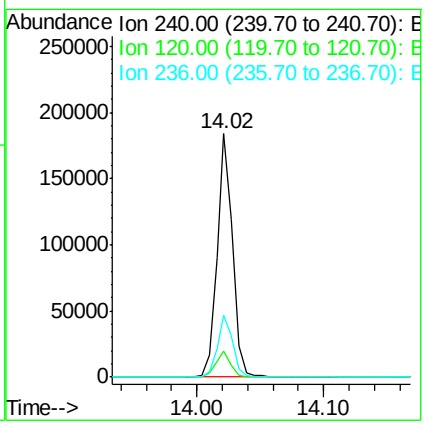


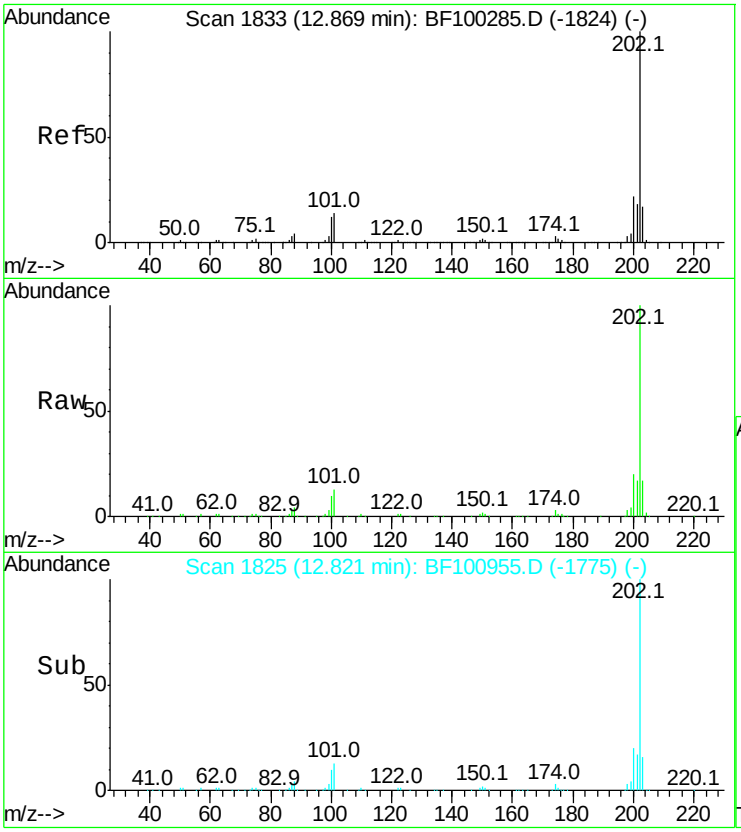


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:240 Resp: 156984

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.6	20.7	31.1



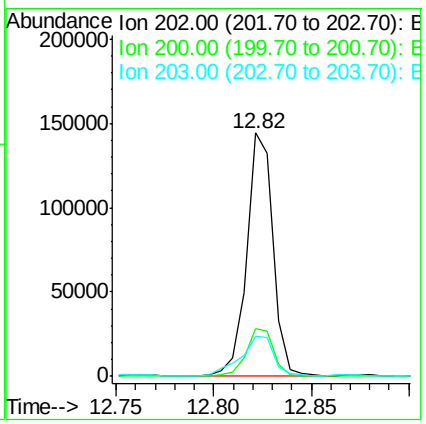


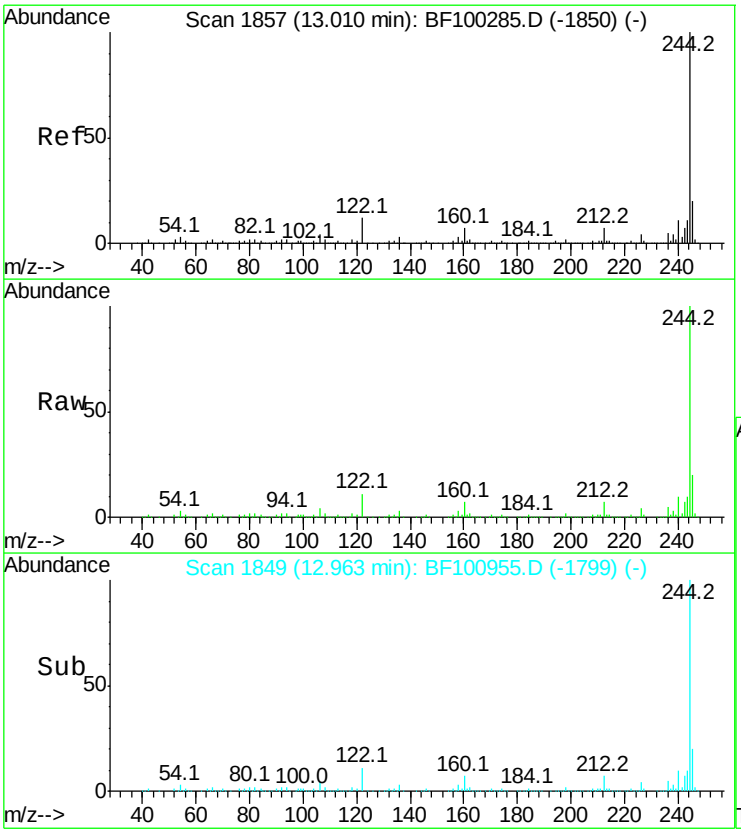
#77
Pyrene
Concen: 12.017 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 134476

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.7	14.3	21.5

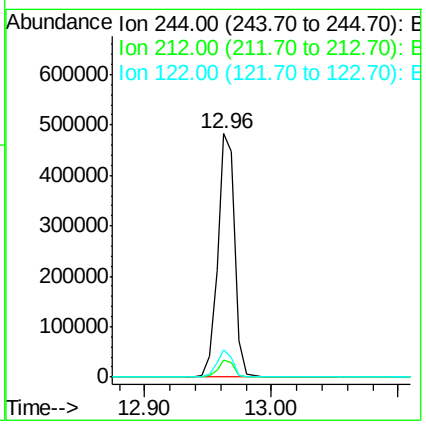


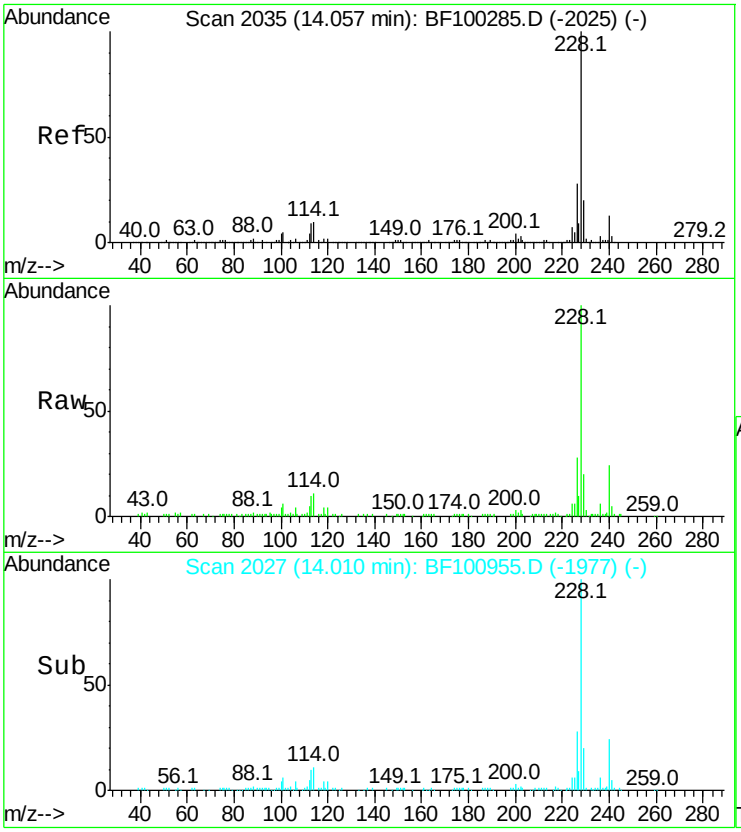


#78
Terphenyl-d14
Concen: 65.705 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:244 Resp: 448908

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4



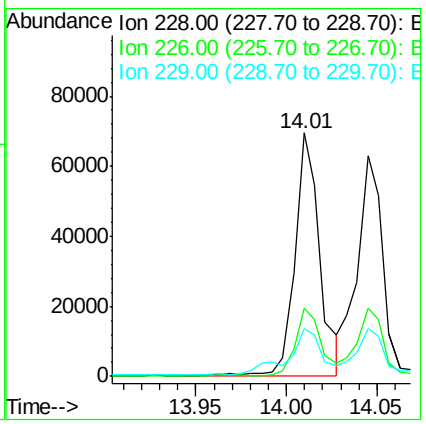


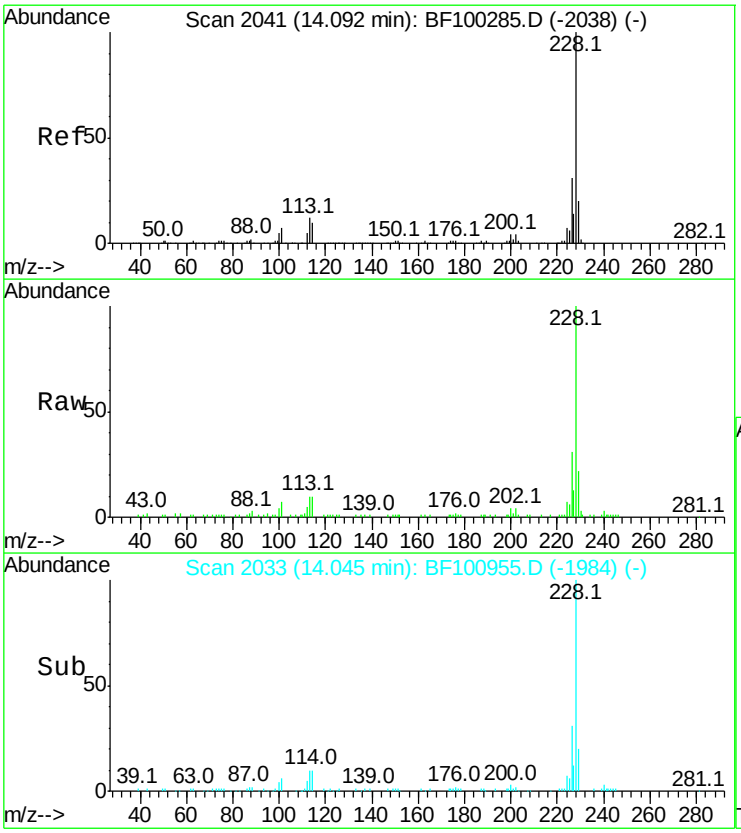
#80
Benzo(a)anthracene
Concen: 7.132 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 67423

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6

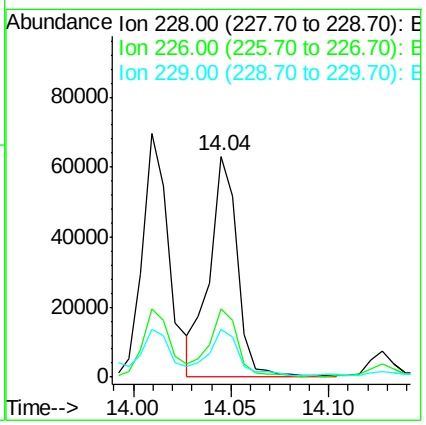


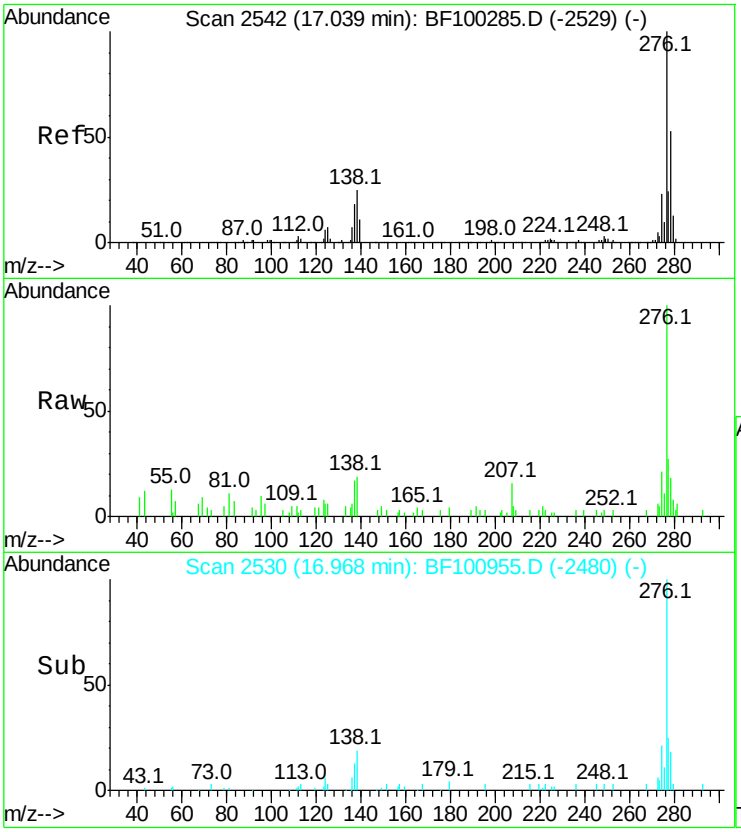


#82
Chrysene
Concen: 6.824 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:228 Resp: 62474

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.7	16.2	24.4



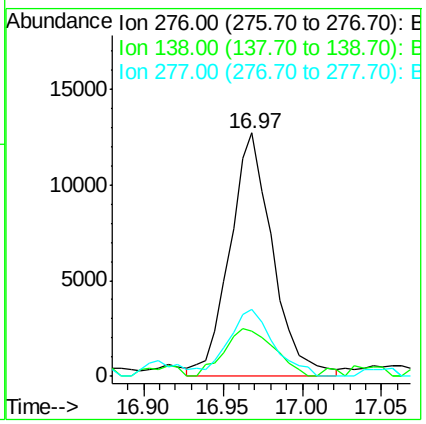


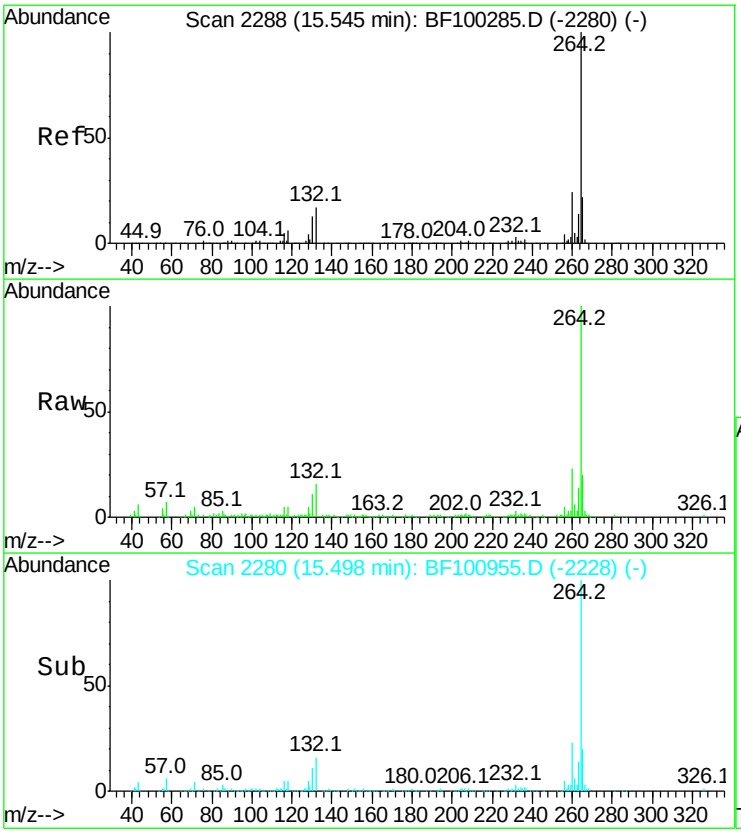
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.208 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23752

Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	28.3	20.1	30.1

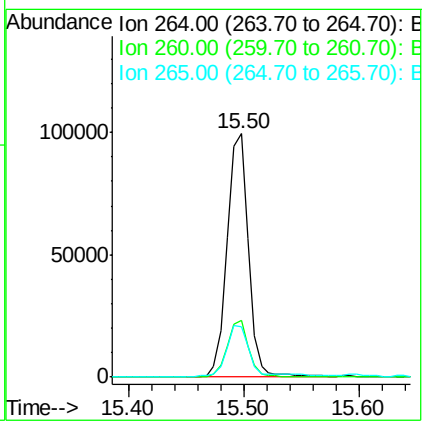


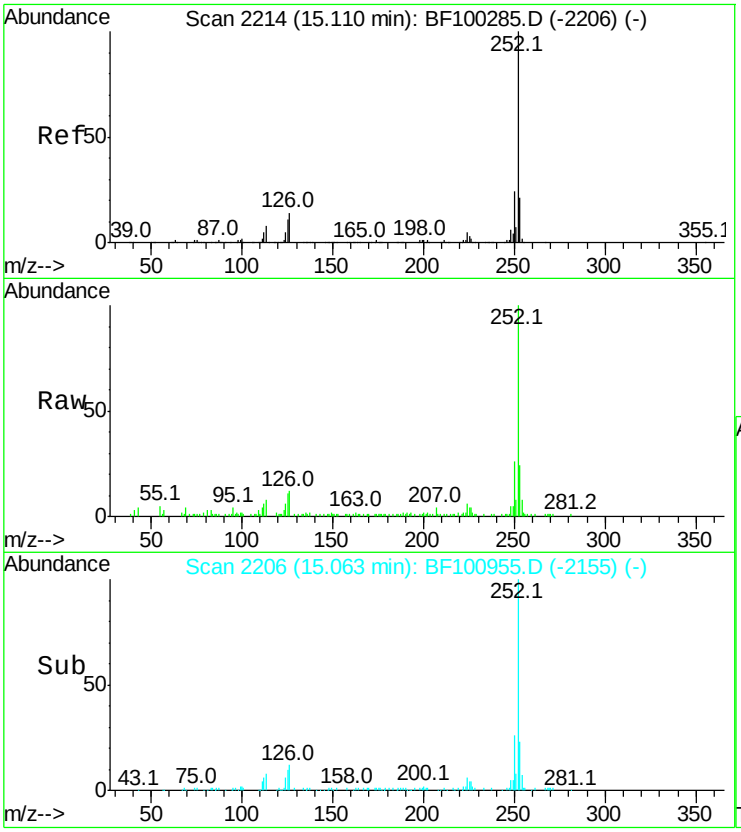


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:264 Resp: 127992

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3



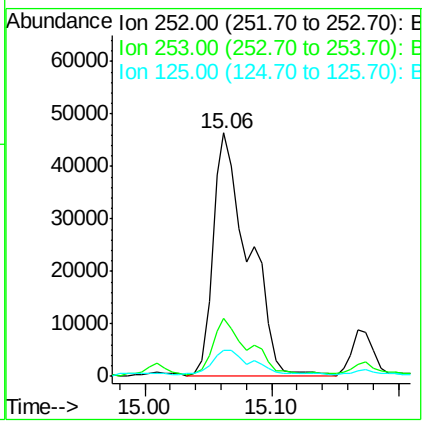


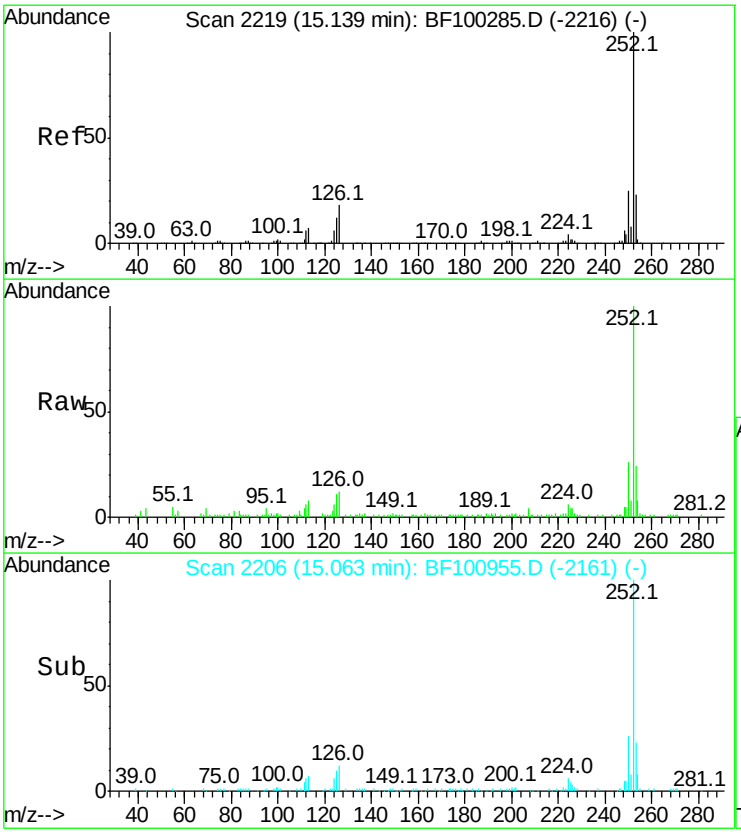
#87
Benzo(b)fluoranthene
Concen: 11.984 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 90870

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	10.9	9.0	13.6

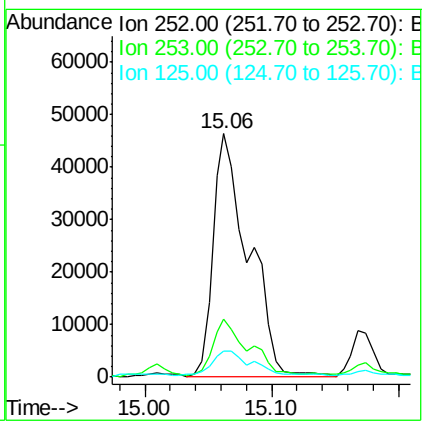


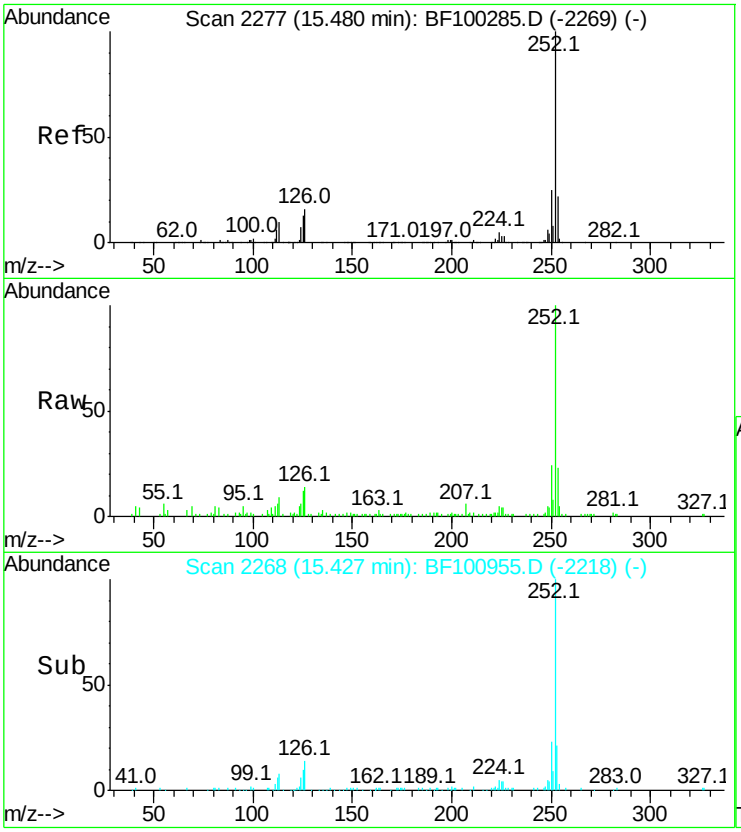


#88
Benzo(k)fluoranthene
Concen: 12.683 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:252 Resp: 90870

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.9	10.2	15.2



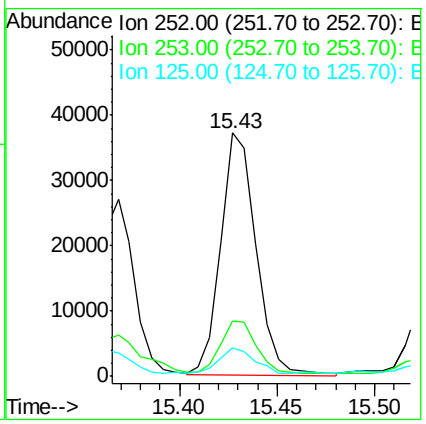


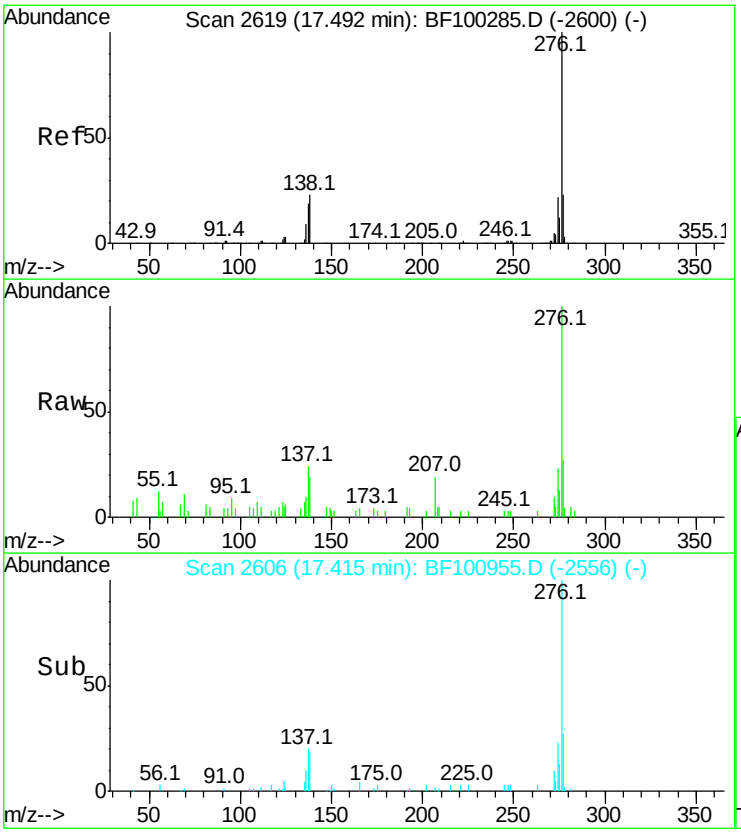
#89
Benzo(a)pyrene
Concen: 6.914 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46481

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.044 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion:276 Resp: 27146

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	19.3	21.8	32.8#