Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100501.D
Acq On : 13 Nov 2017 14:35
Operator : SJ/JU
Sample : I6399-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 13 15:37:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91914	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	346942	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	150112	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	248895	20.00	ng		0.00
75) Chrysene-d12	14.05	240	205224	20.00	ng		0.00
86) Perylene-d12	15.53	264	171776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	499293	87.08	ng		0.00
7) Phenol-d6	6.52	99	609219	86.16	ng		0.00
23) Nitrobenzene-d5	7.45	82	374328	71.33	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	143098	93.55	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	679004	68.88	ng		0.00
78) Terphenyl-d14	12.99	244	456857	51.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	26614	3.585	ng		99
19) n-Nitroso-di-n-propylamine	7.45	70	49887	10.174	ng	#	81
25) Isophorone	7.45	82	374321	33.944	ng	#	64
32) Benzoic acid	7.95	122	120	9.396	ng	#	1
47) 2-Nitroaniline	9.59	65	107	2.820	ng	#	2
49) Dimethylphthalate	9.63	163	68343	5.963	ng	#	99
56) 2,4-Dinitrotoluene	9.93	165	19915	6.958	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.72	198	269	8.746	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	9211	3.452	ng	#	1
70) Phenanthrene	11.43	178	42683	3.257	ng		99
74) Fluoranthene	12.63	202	66905	4.817	ng		92
77) Pyrene	12.85	202	58539	4.002	ng		97
80) Benzo(a)anthracene	14.04	228	28797	2.330	ng	#	84
82) Chrysene	14.07	228	38062	3.180	ng	#	92
87) Benzo(b)fluoranthene	15.09	252	43112	4.236	ng	#	91
88) Benzo(k)fluoranthene	15.09	252	43112	4.484	ng		94
89) Benzo(a)pyrene	15.46	252	20514	2.274	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
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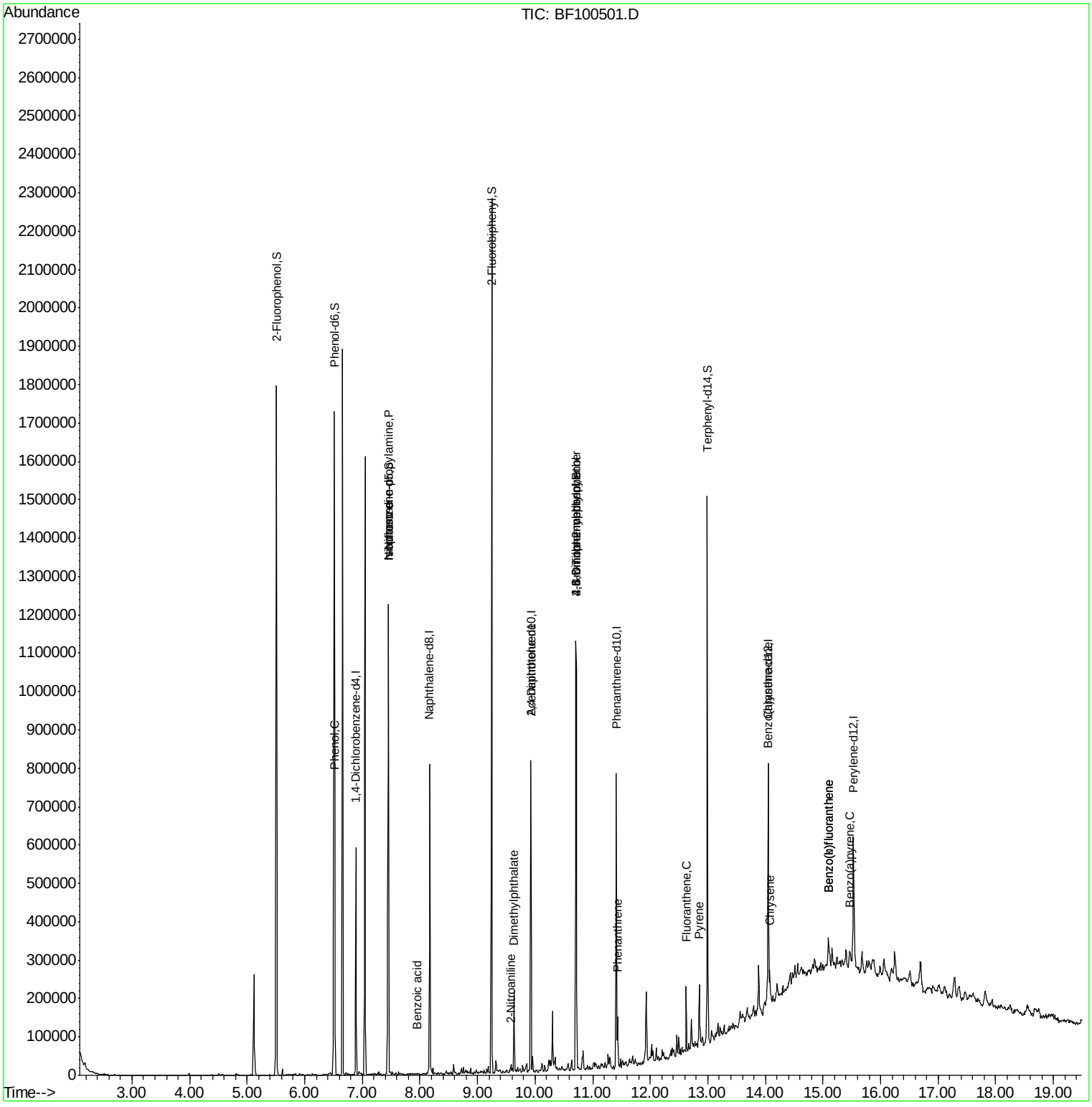
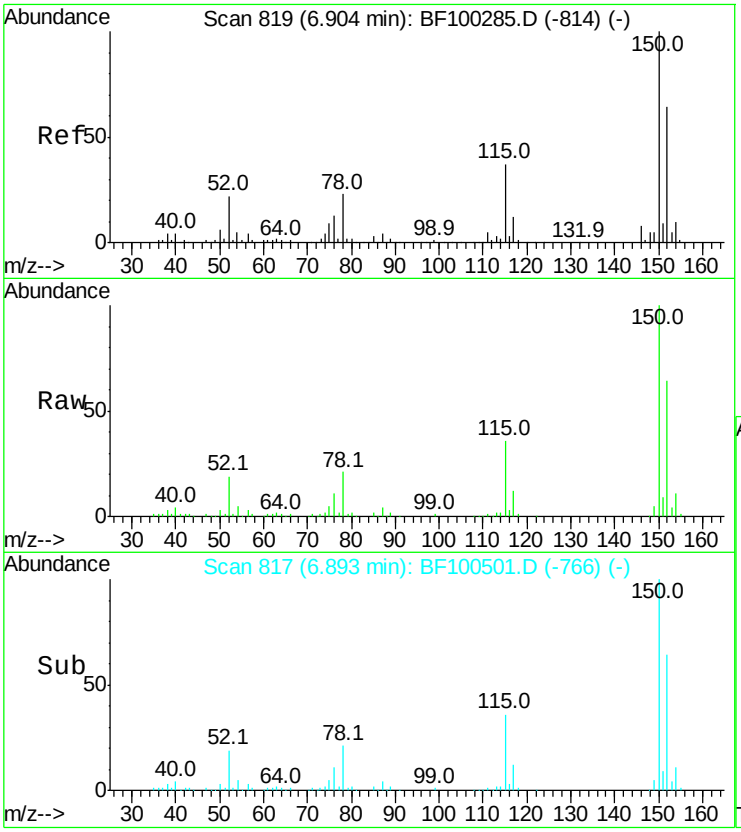


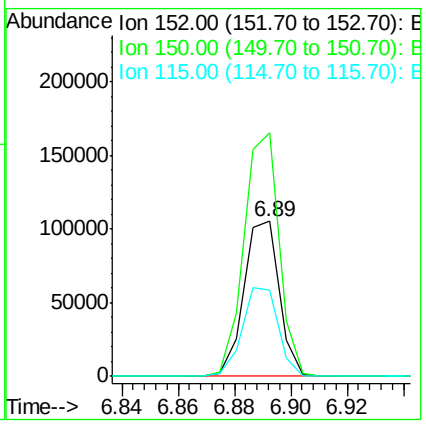


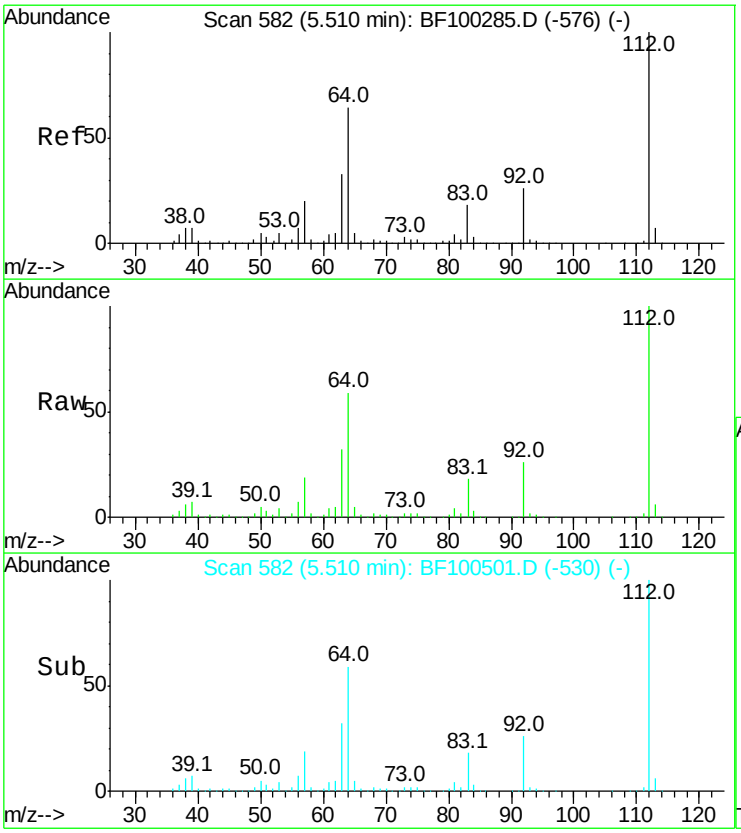
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91914

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	55.9	50.1	75.1

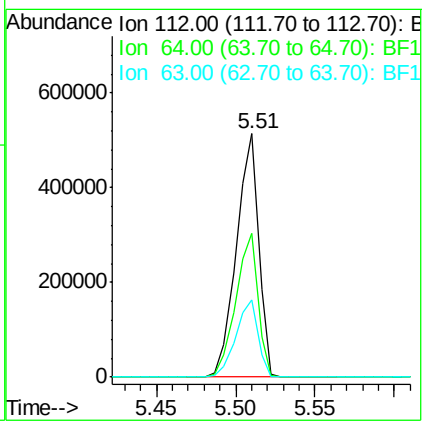


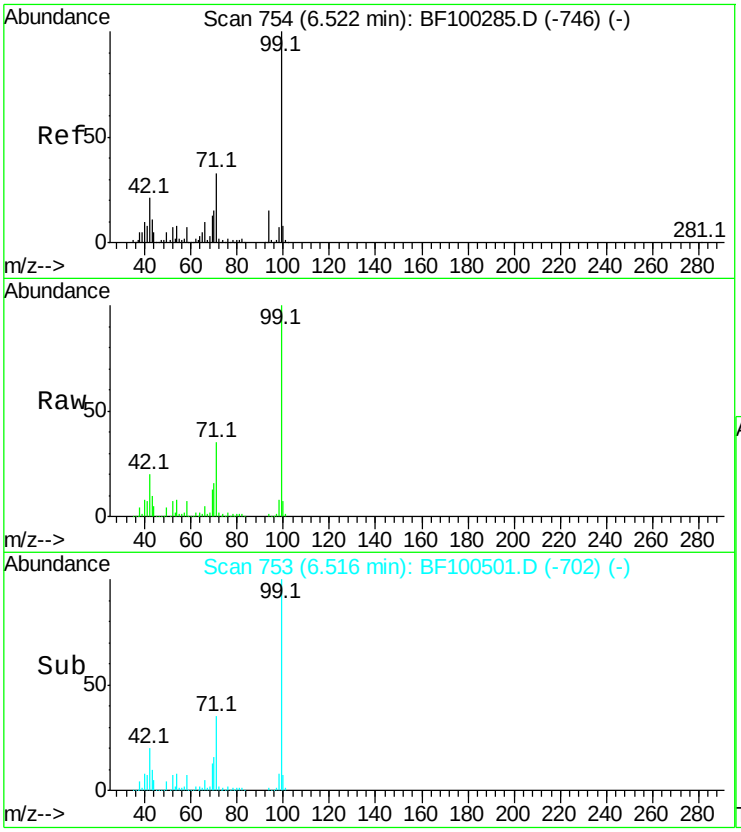


#5
2-Fluorophenol
Concen: 87.077 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:112 Resp: 499293

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.7	23.7	35.5



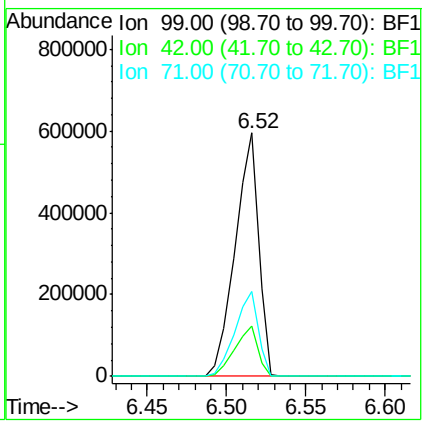


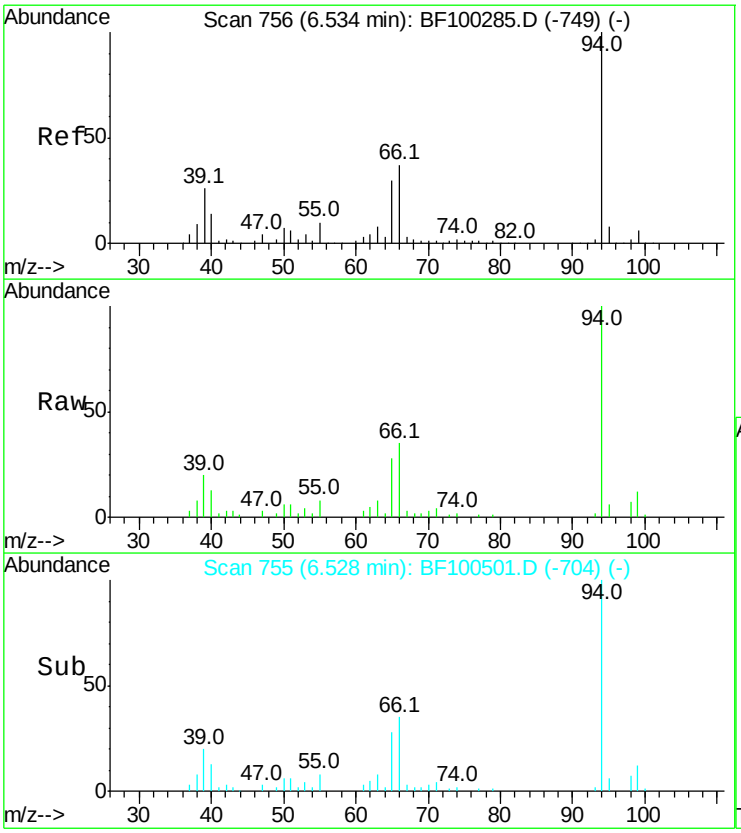
#7
Phenol-d6
Concen: 86.161 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 609219

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.1	25.4	38.0

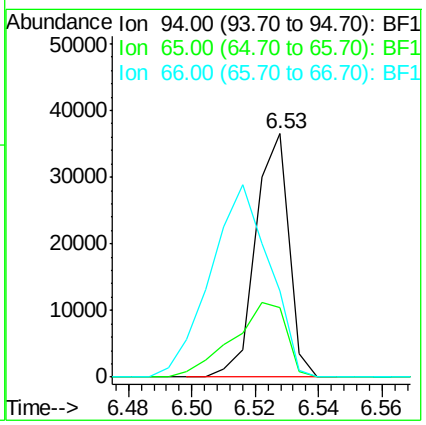


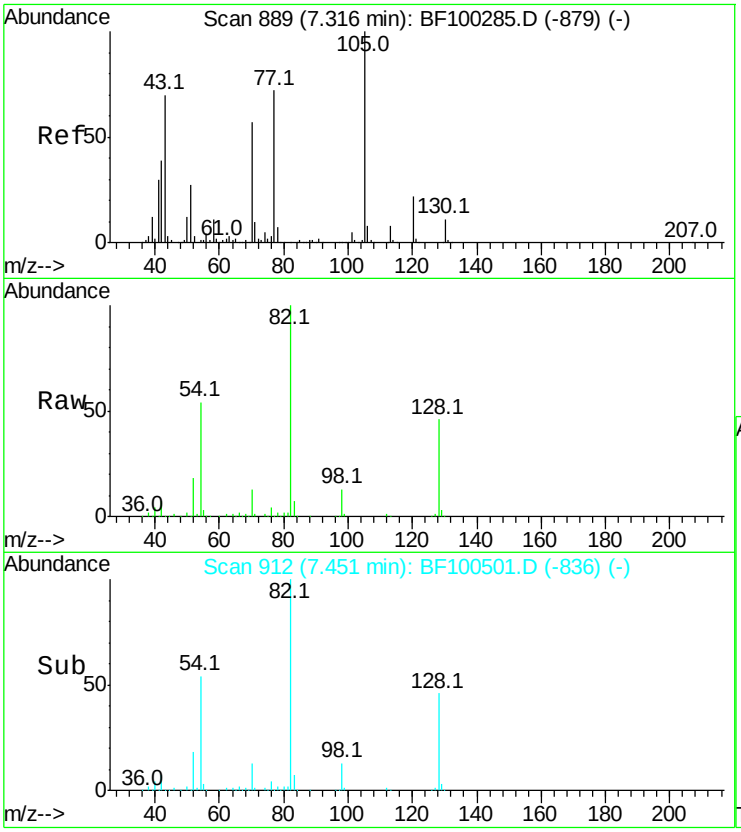


#10
Phenol
Concen: 3.585 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion: 94 Resp: 26614

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	35.5	16.2	56.2



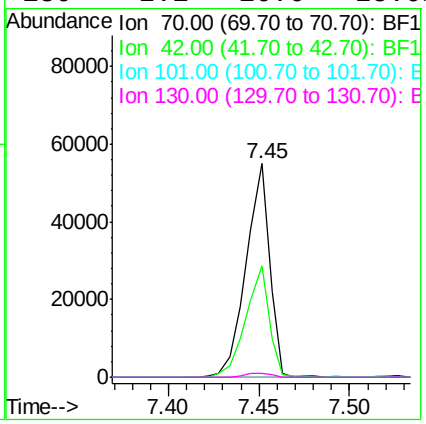


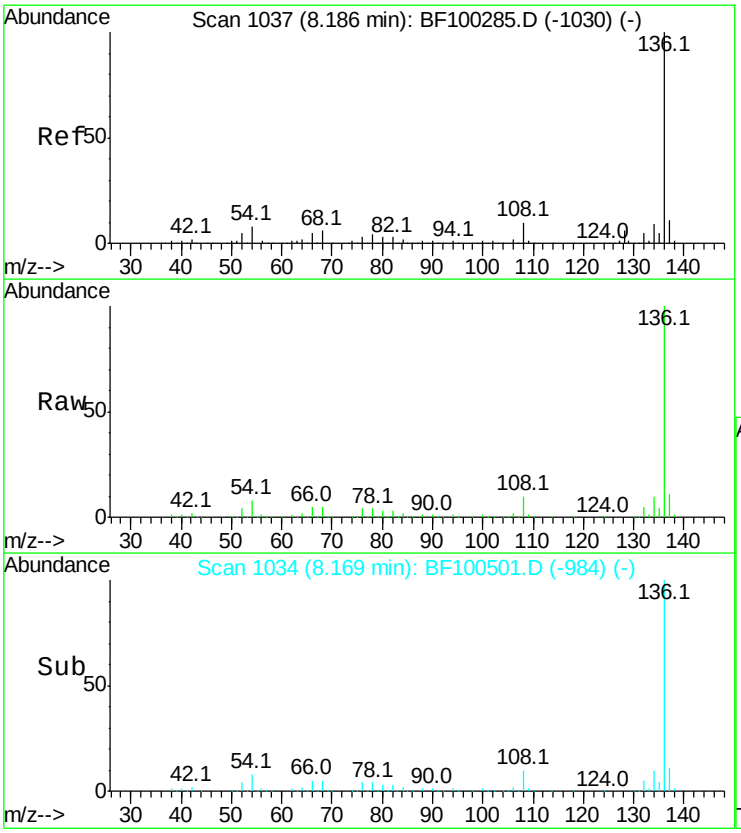
#19
n-Nitroso-di-n-propylamine
Concen: 10.174 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49887

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

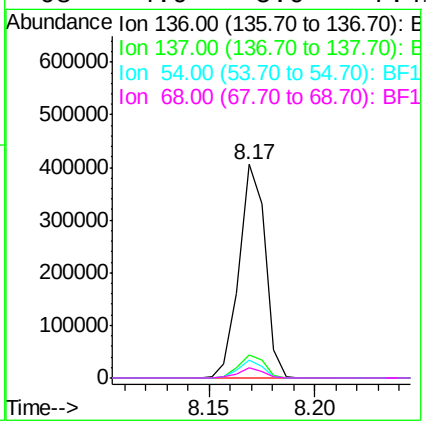


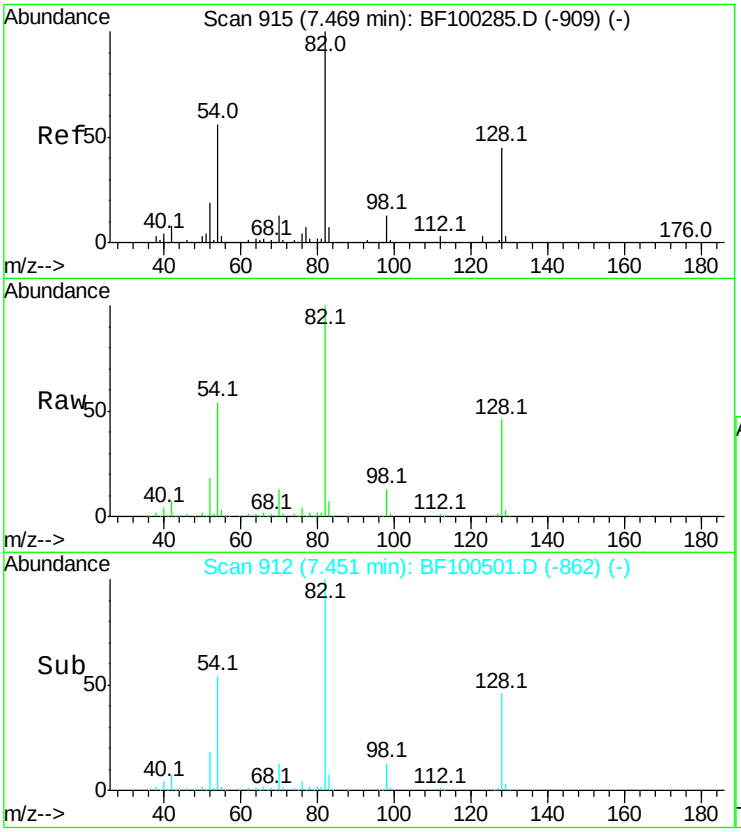


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:136 Resp: 346942

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	4.9	5.0	7.4#



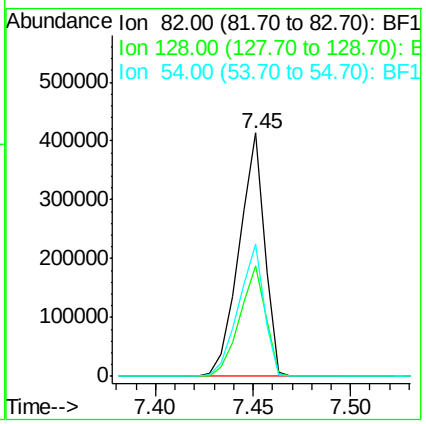


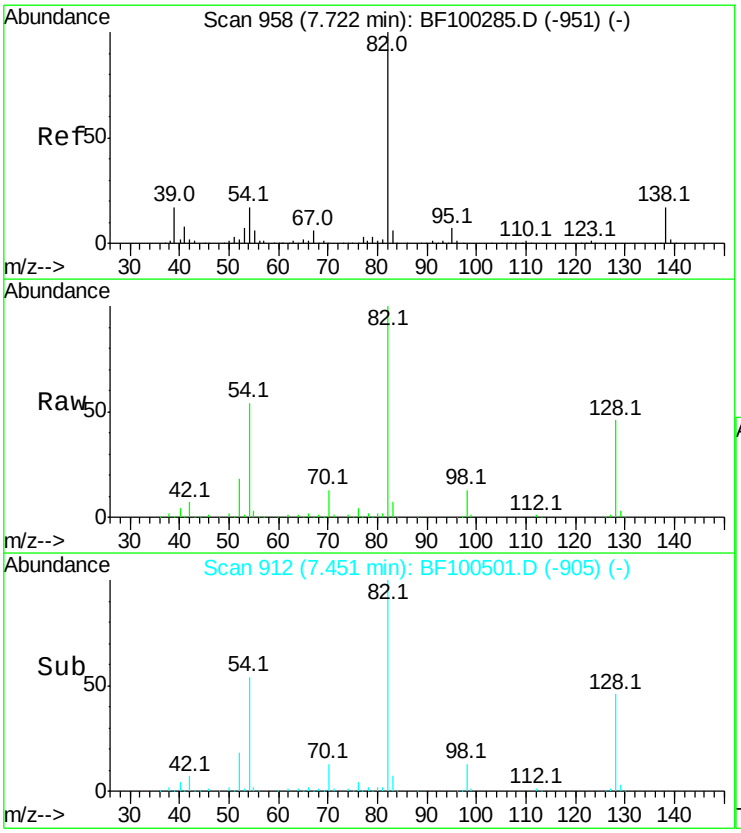
#23
Nitrobenzene-d5
Concen: 71.332 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 374328

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.2	41.4	62.2

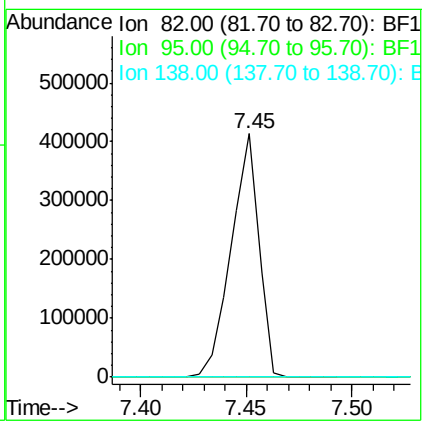


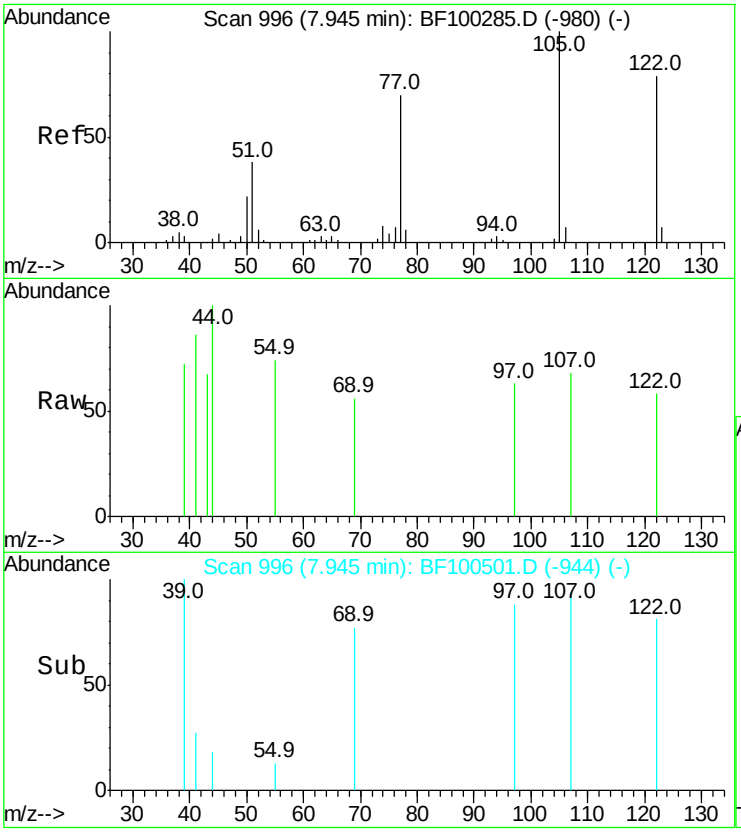


#25
Isophorone
Concen: 33.944 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion: 82 Resp: 374321

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



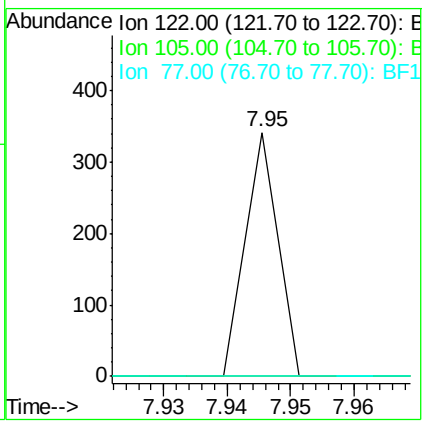


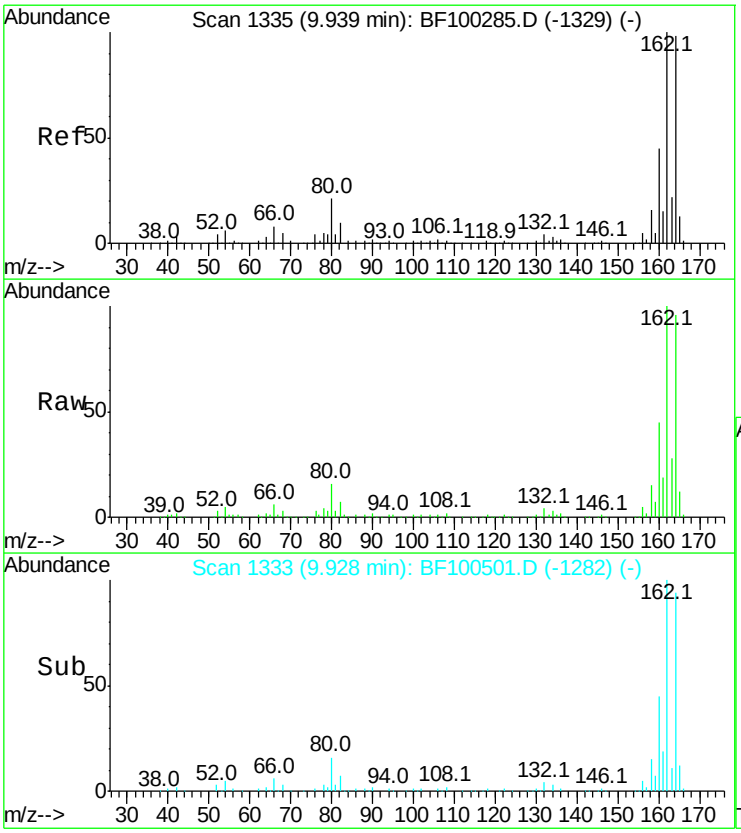
#32
Benzoic acid
Concen: 9.396 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

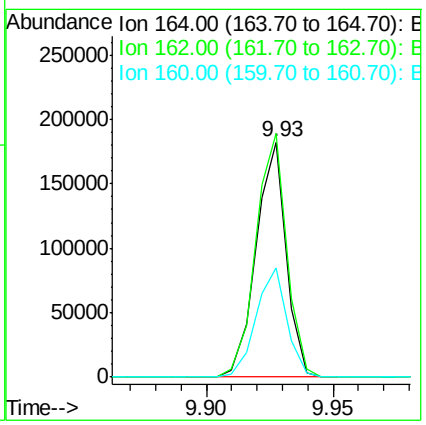


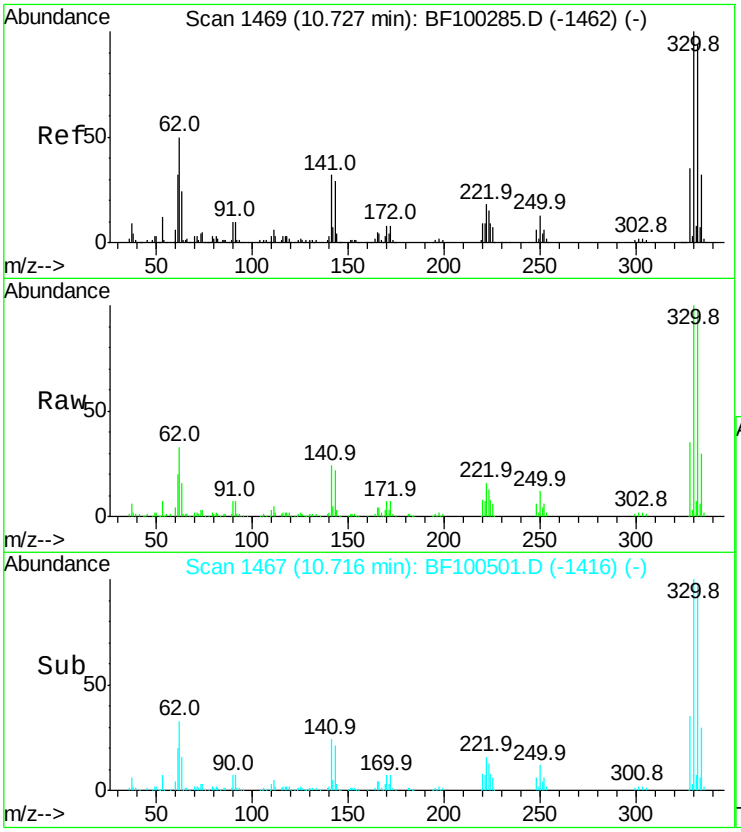


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:164 Resp: 150112

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.7	38.3	57.5



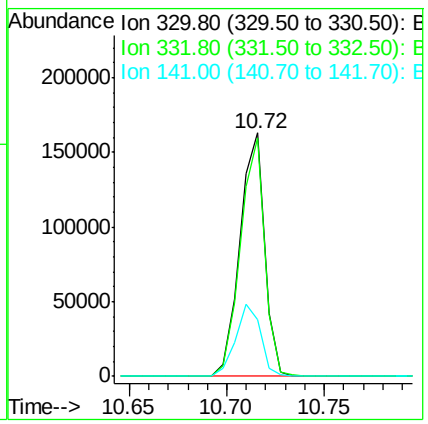


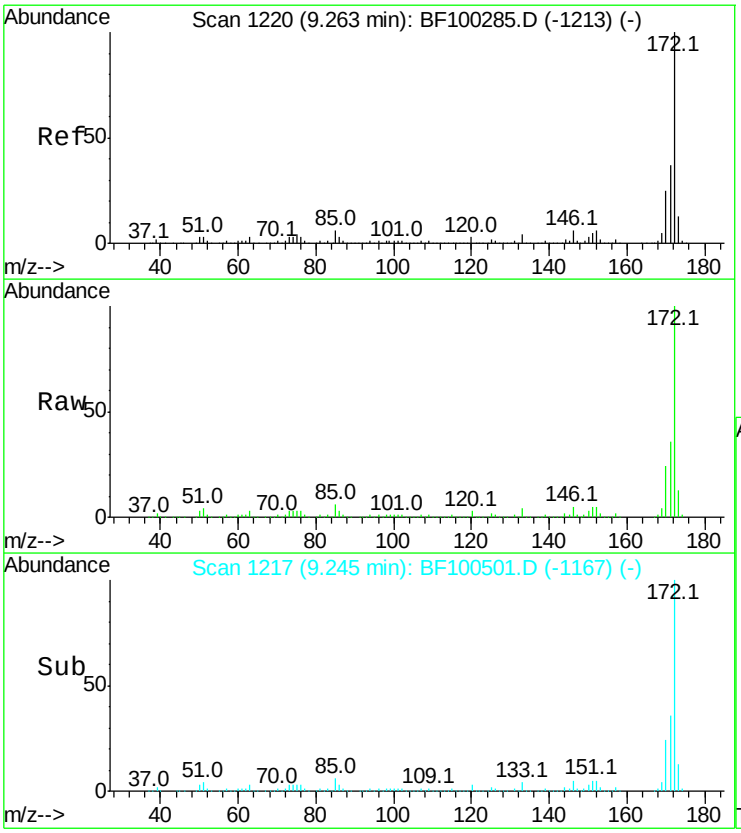
#41
2,4,6-Tribromophenol
Concen: 93.550 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 143098

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.8	29.9	44.9

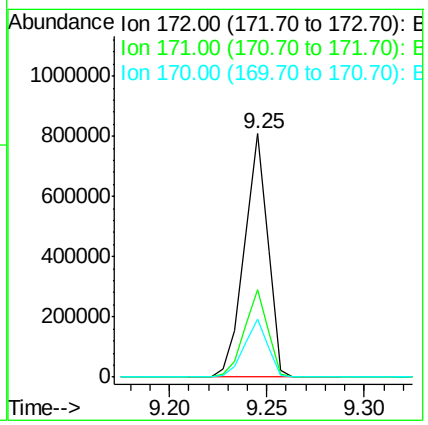


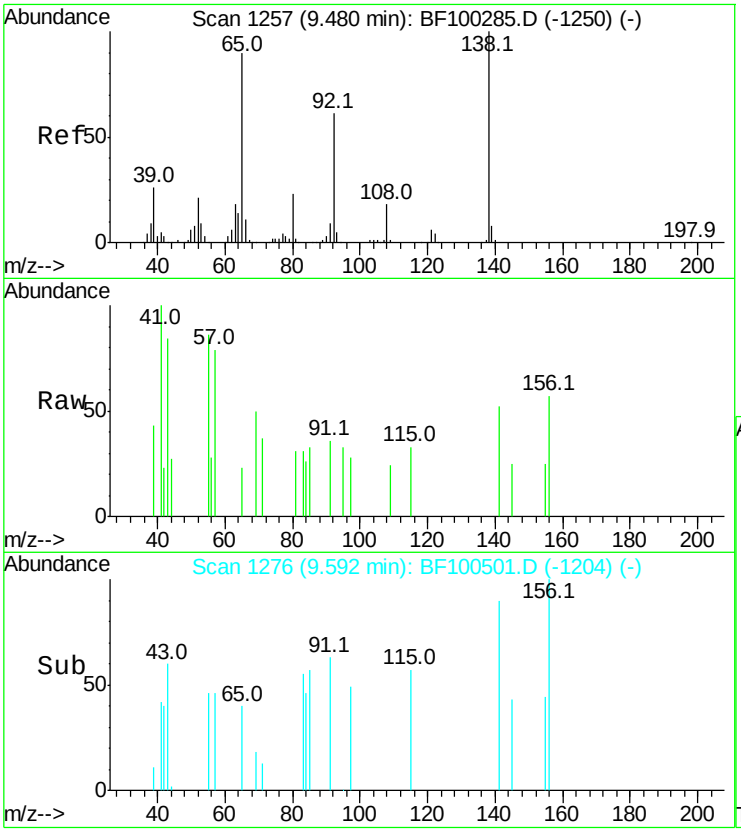


#44
2-Fluorobiphenyl
Concen: 68.877 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:172 Resp: 679004

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4



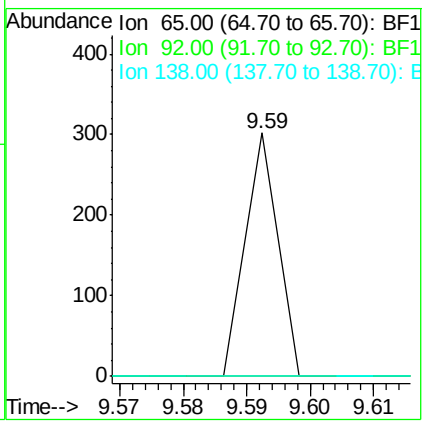


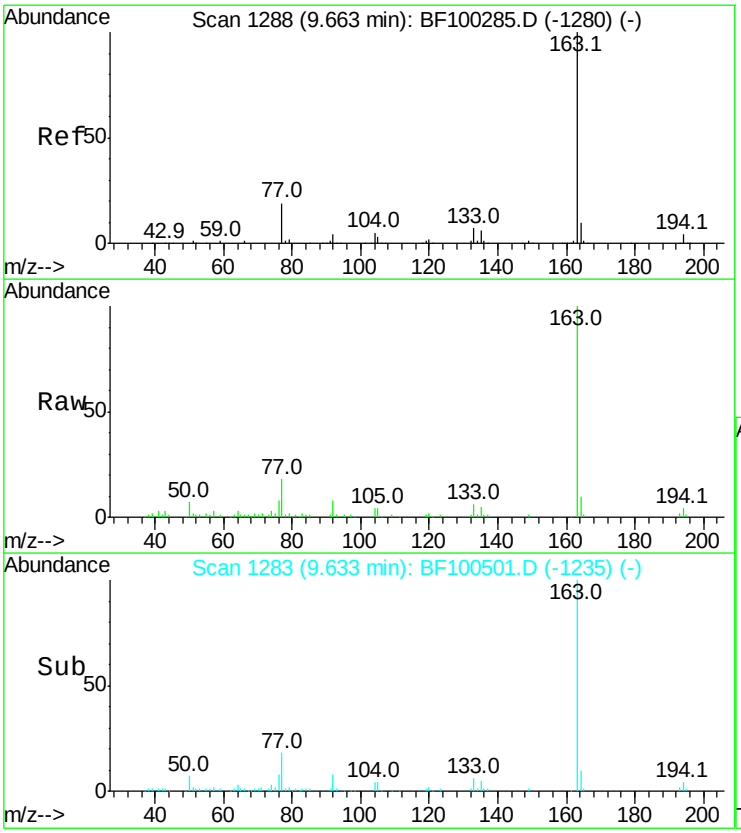
#47
2-Nitroaniline
Concen: 2.820 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.12 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 107

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

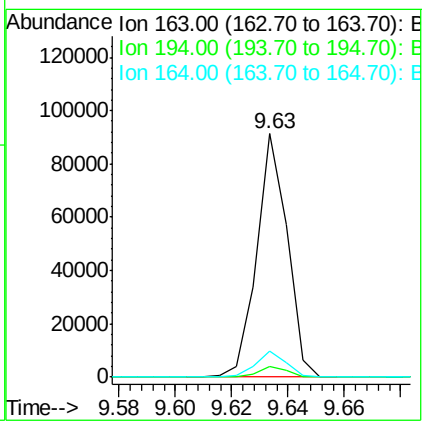


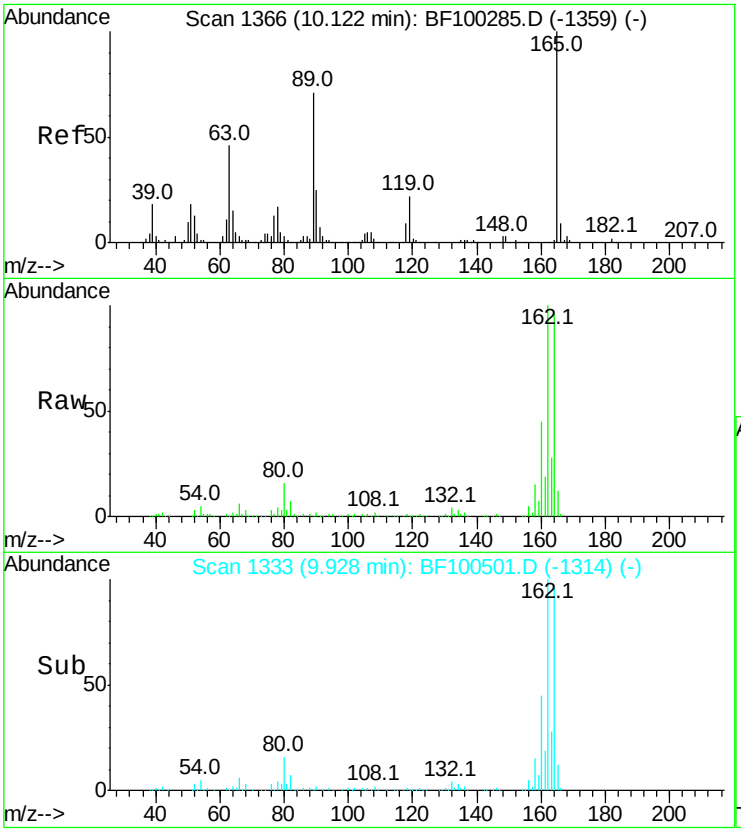


#49
Dimethylphthalate
Concen: 5.963 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:163 Resp: 68343

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.5	8.2	12.2



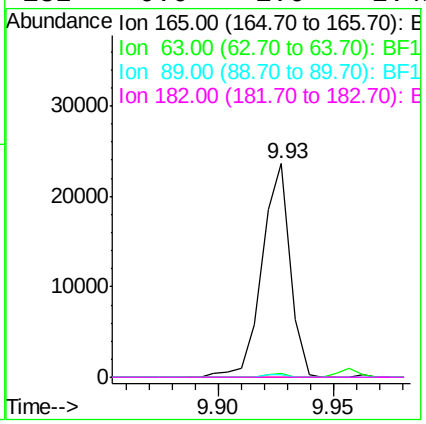


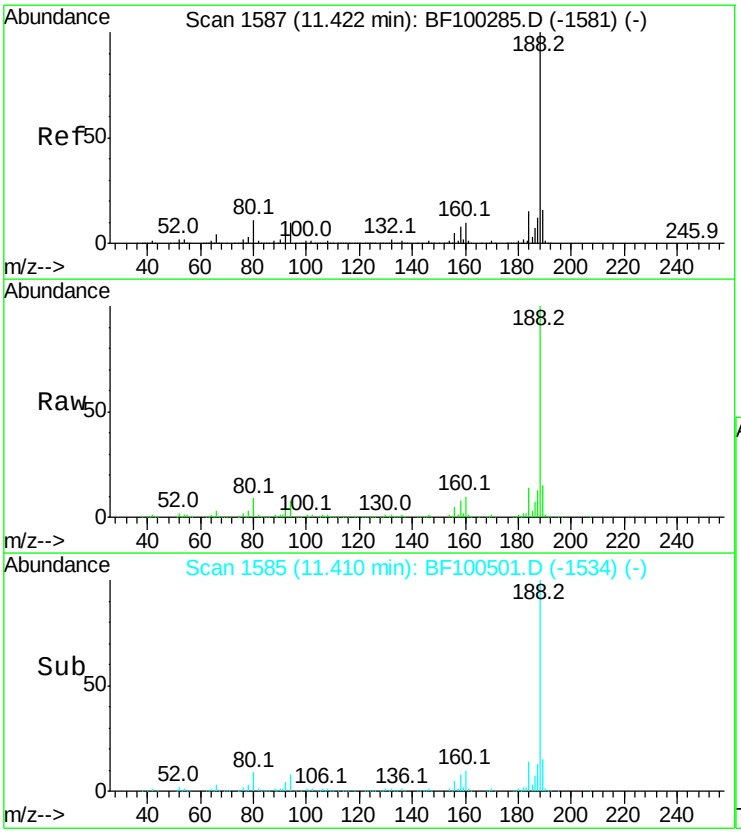
#56
2,4-Dinitrotoluene
Concen: 6.958 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19915

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

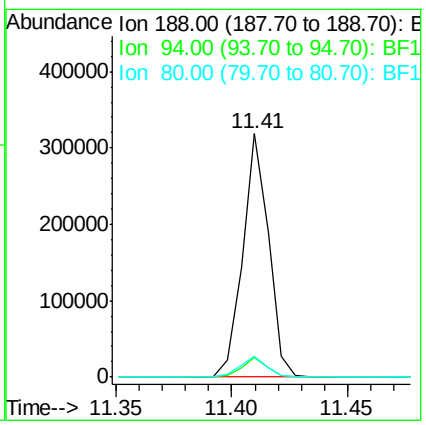


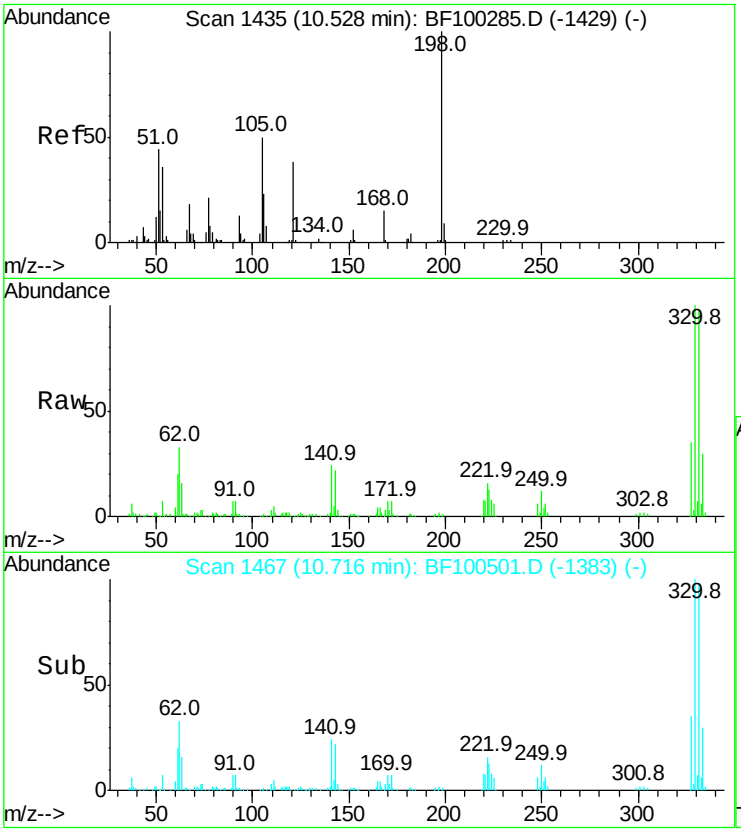


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:188 Resp: 248895

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.8	9.2	13.8#



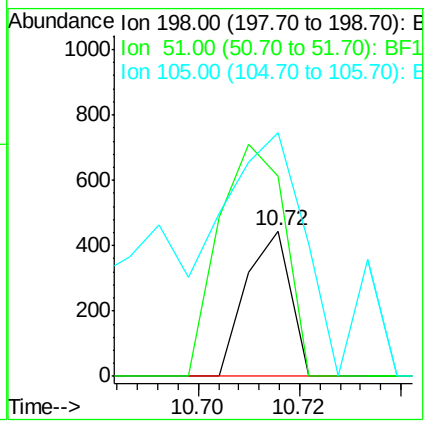


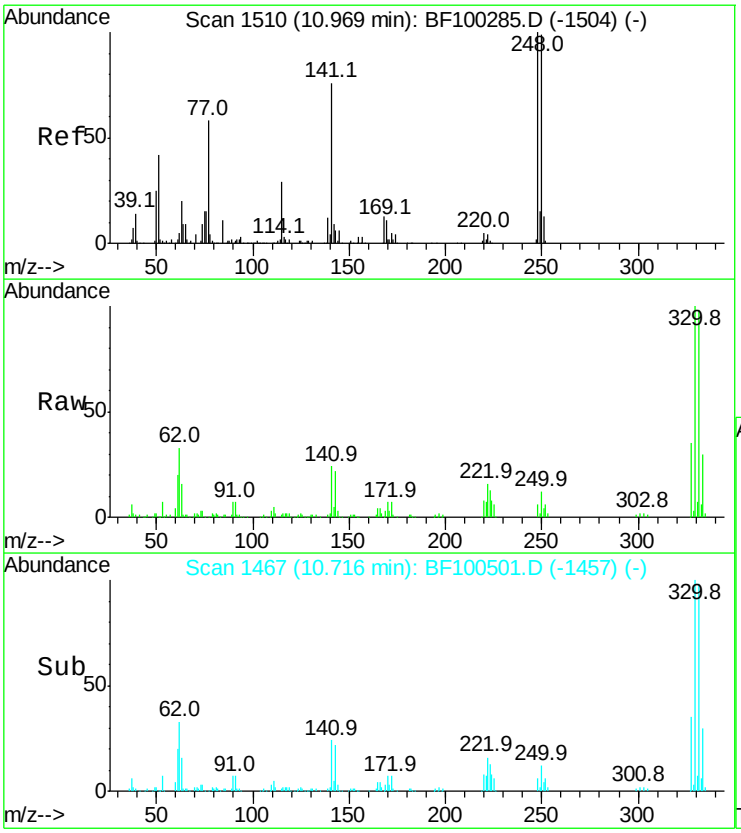
#64
4,6-Dinitro-2-methylphenol
Concen: 8.746 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	138.3	37.7	77.7#
105	167.8	36.3	76.3#

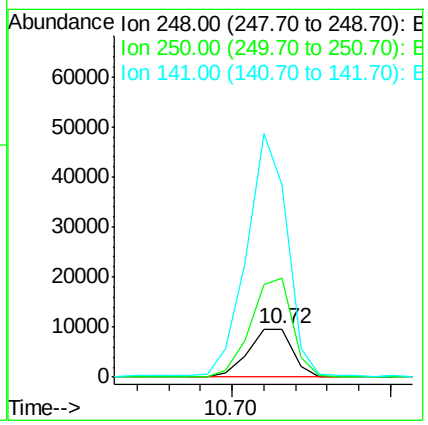


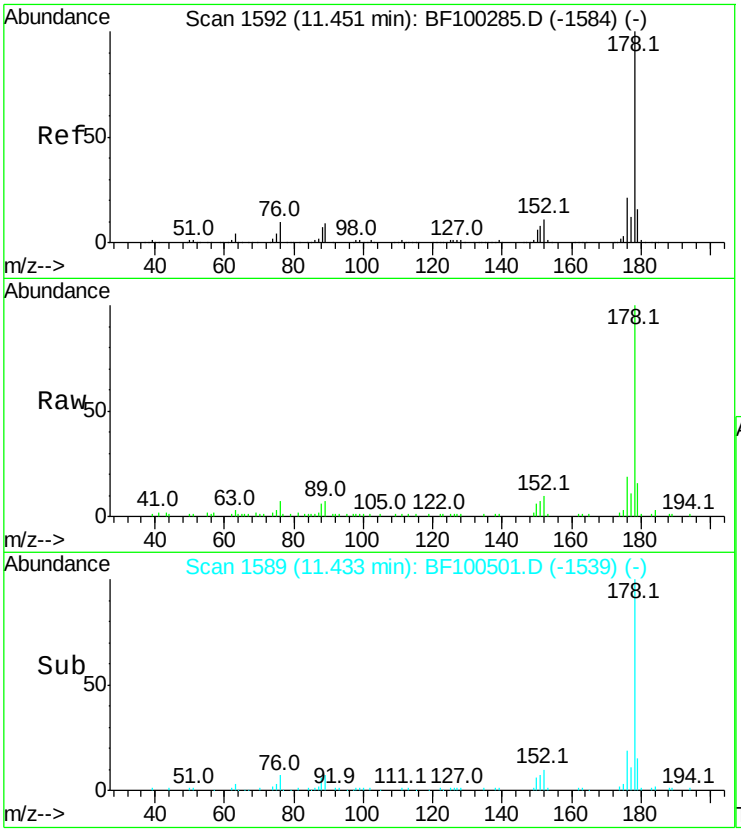


#66
4-Bromophenyl-phenylether
Concen: 3.452 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:248 Resp: 9211

Ion	Ratio	Lower	Upper
248	100		
250	205.9	76.9	115.3#
141	398.6	74.4	111.6#



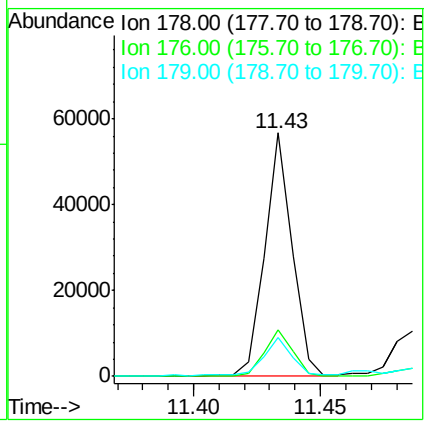


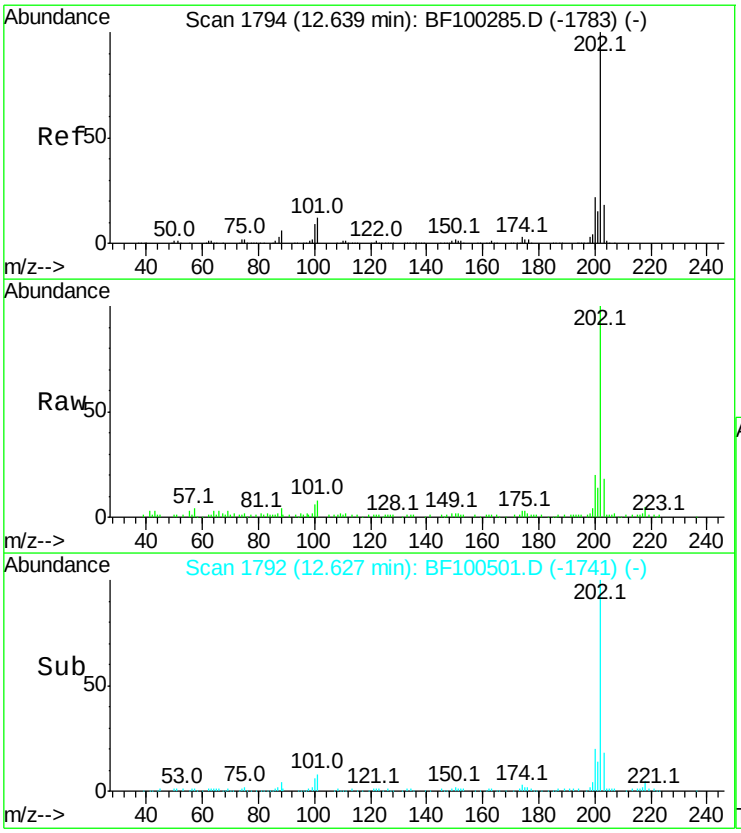
#70
Phenanthrene
Concen: 3.257 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 42683

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.1	13.0	19.6

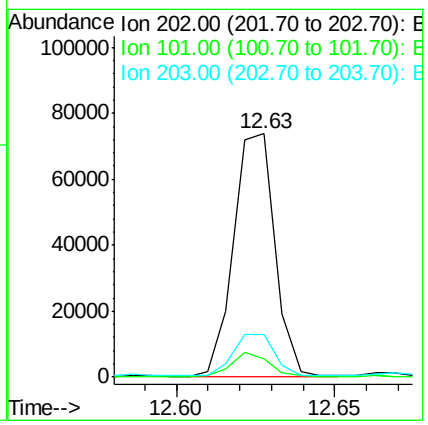


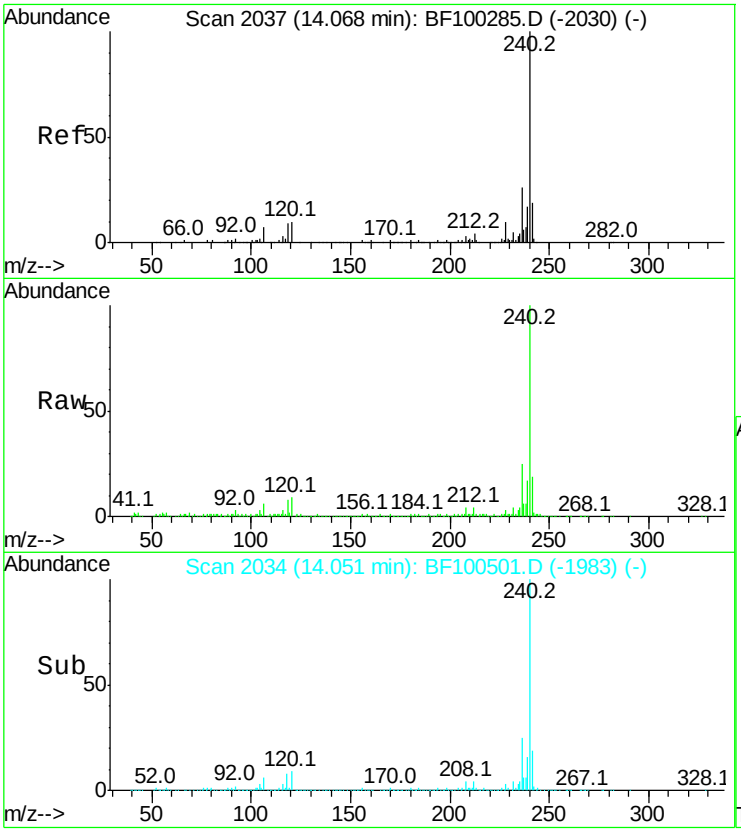


#74
Fluoranthene
Concen: 4.817 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:202 Resp: 66905

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	34.1
203	17.6	0.0	38.1



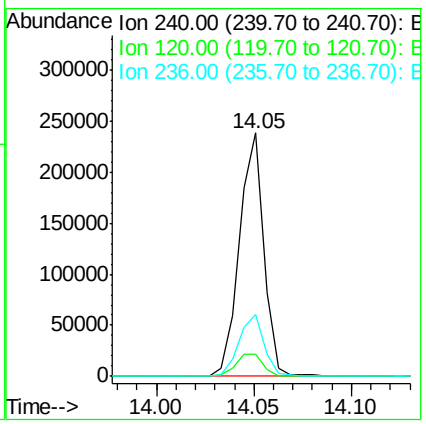


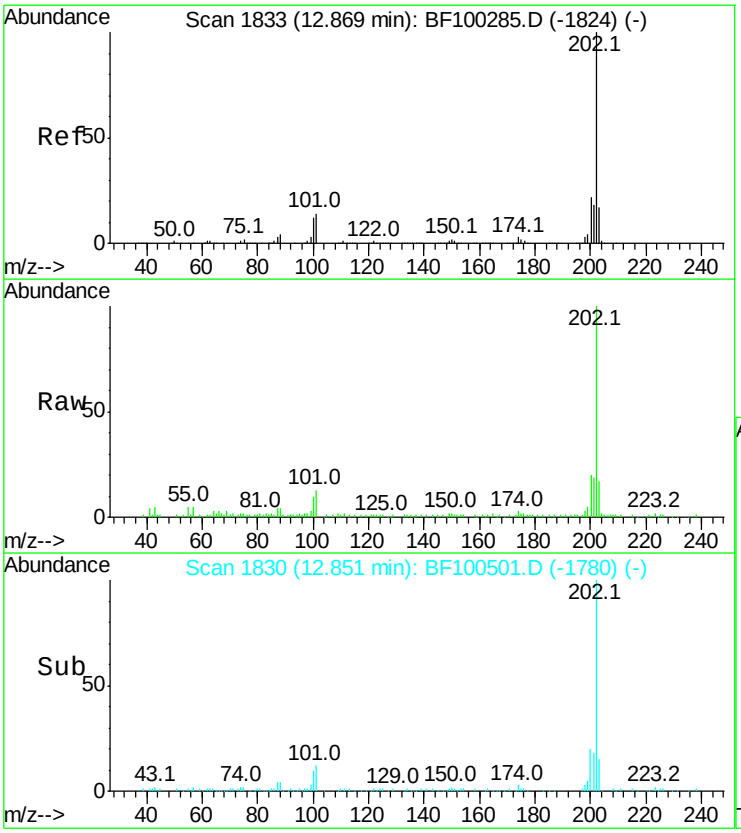
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 205224

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.4	20.7	31.1

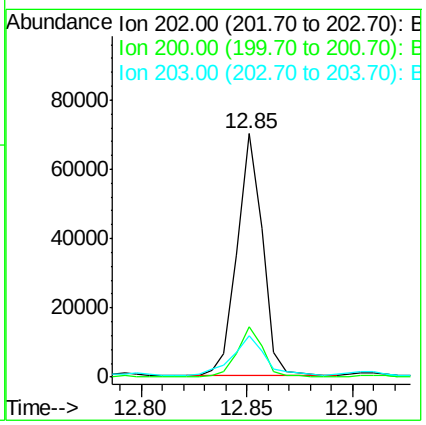


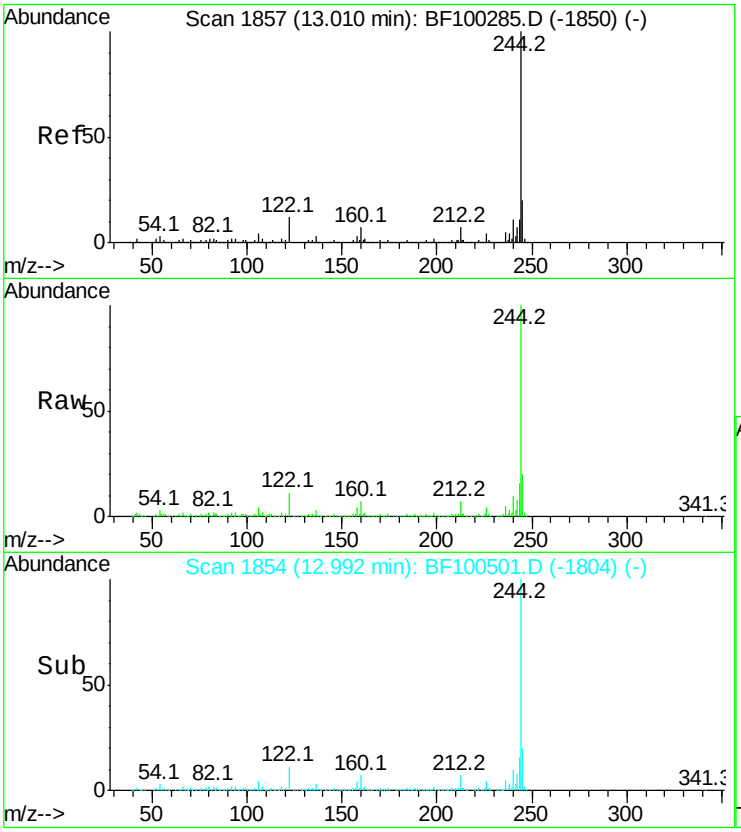


#77
Pyrene
Concen: 4.002 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:202 Resp: 58539

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.8	14.3	21.5



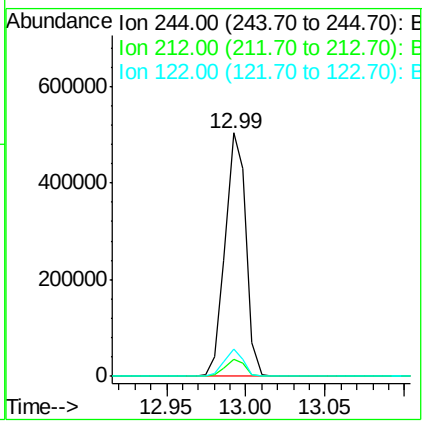


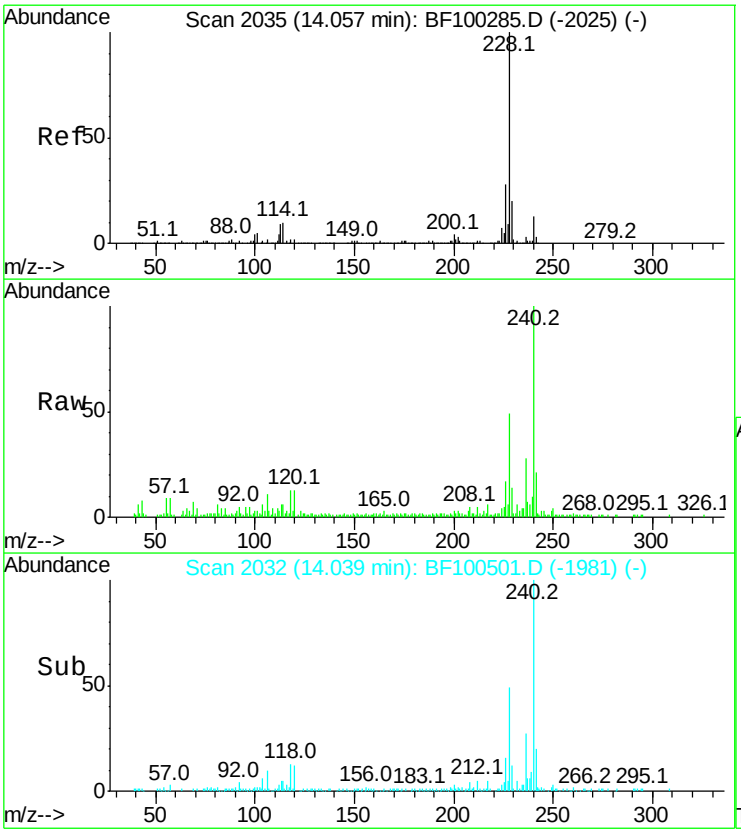
#78
Terphenyl-d14
Concen: 51.150 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 456857

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.1	11.0	16.4

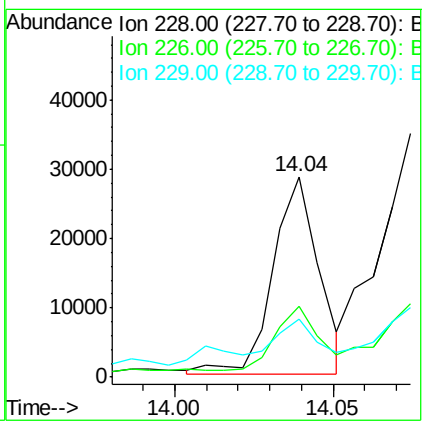


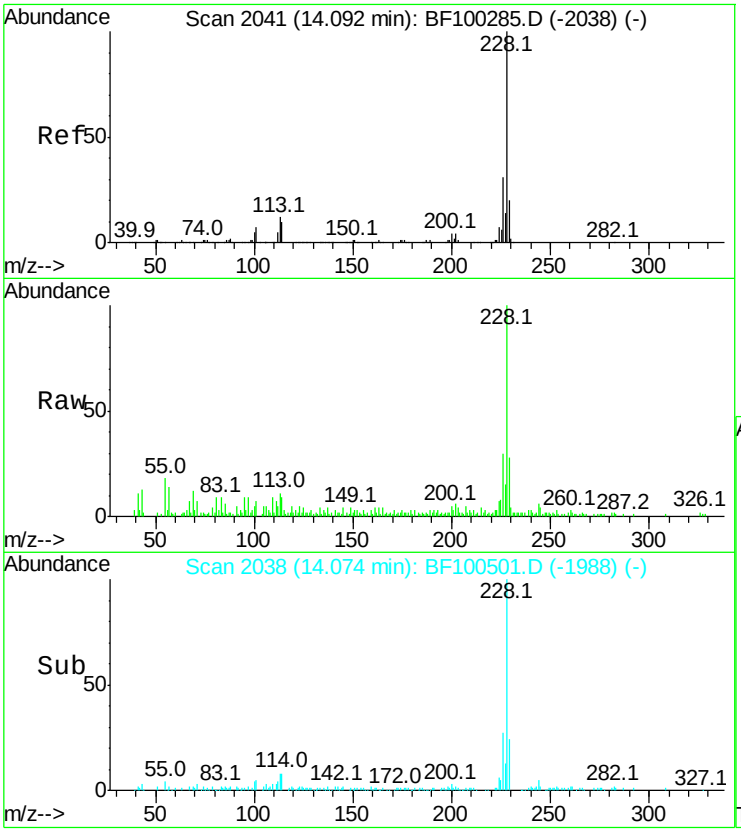


#80
Benzo(a)anthracene
Concen: 2.330 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:228 Resp: 28797

Ion	Ratio	Lower	Upper
228	100		
226	35.4	22.6	33.8#
229	28.8	15.8	23.6#



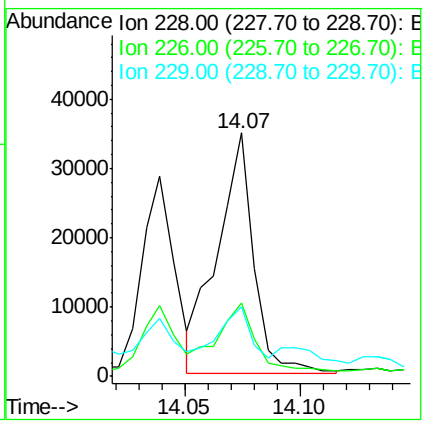


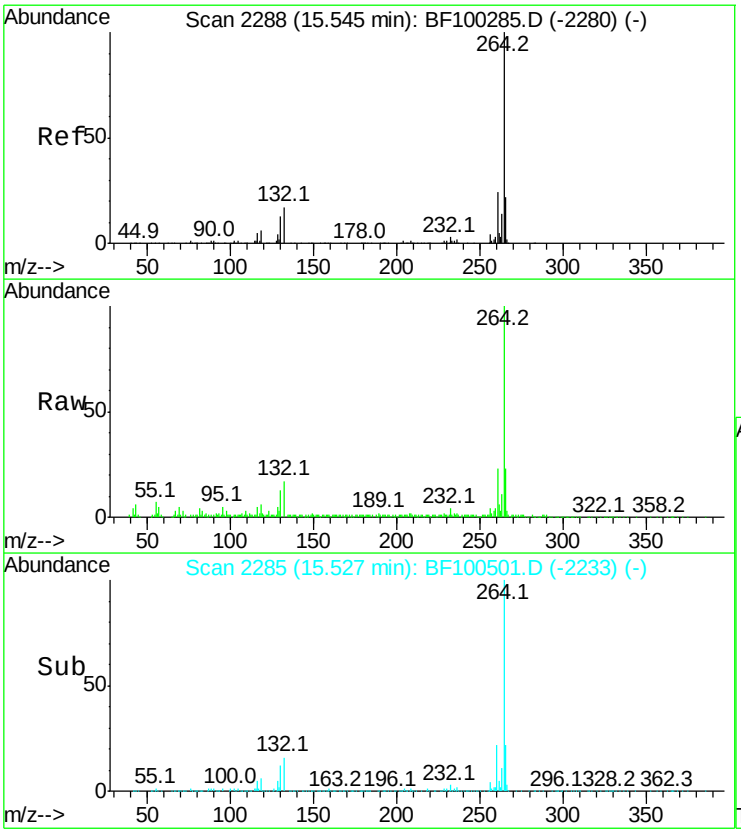
#82
Chrysene
Concen: 3.180 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38062

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	28.4	16.2	24.4#

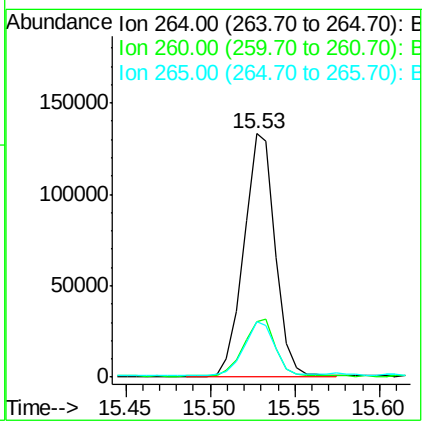


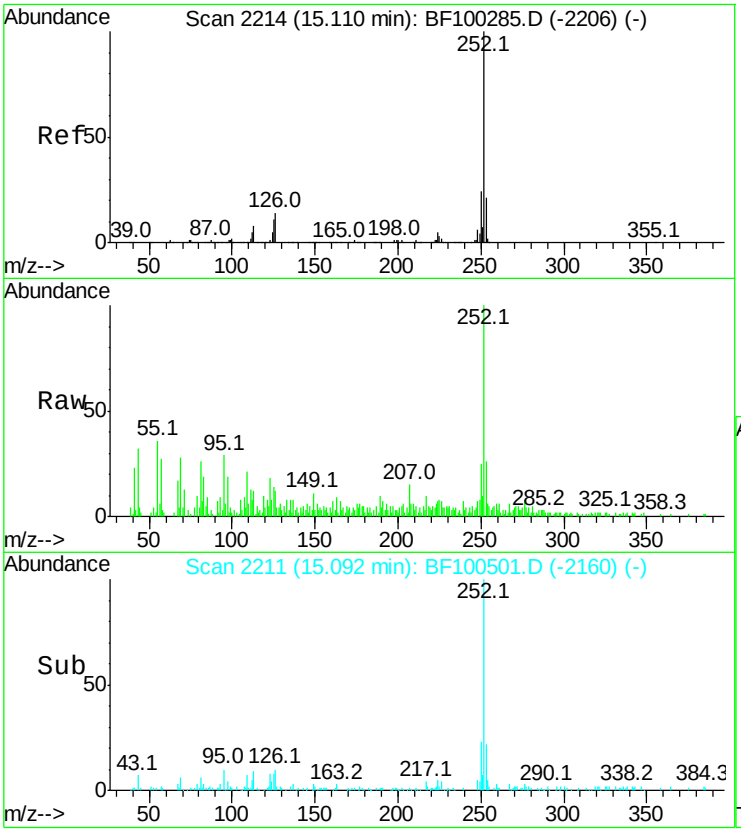


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:264 Resp: 171776

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.5	17.5	26.3



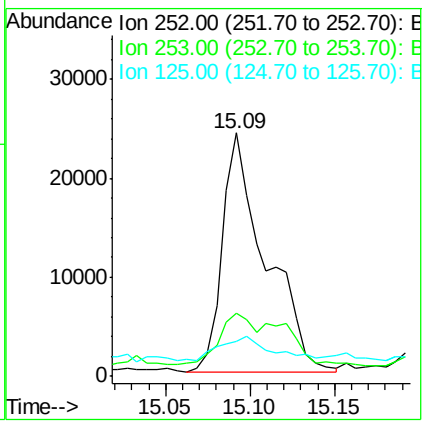


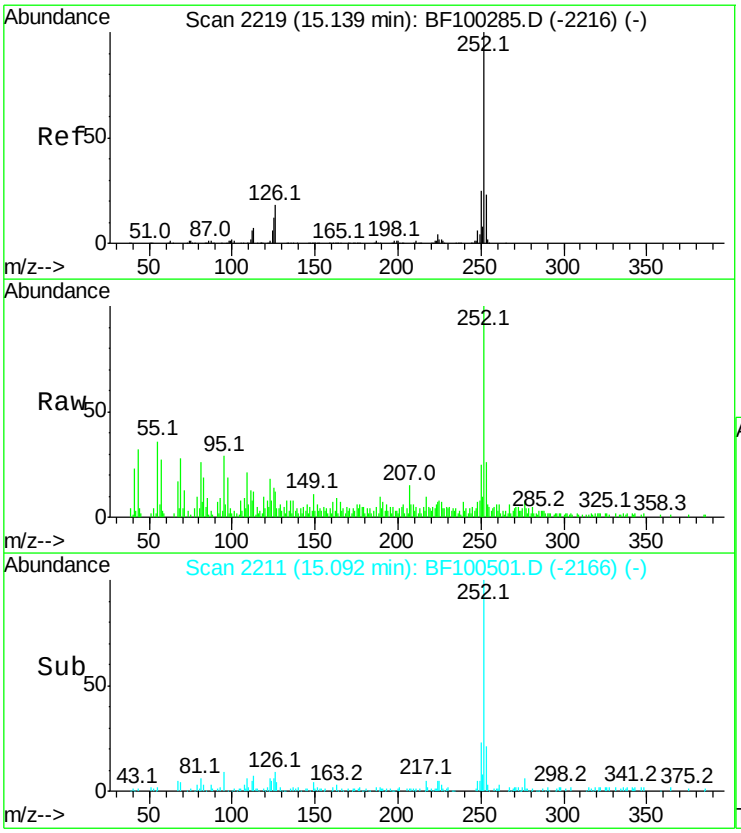
#87
Benzo(b)fluoranthene
Concen: 4.236 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43112

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	14.4	9.0	13.6#

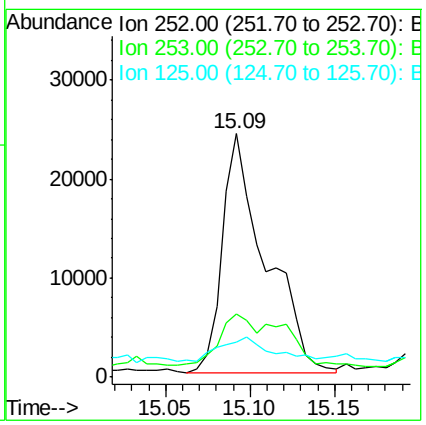


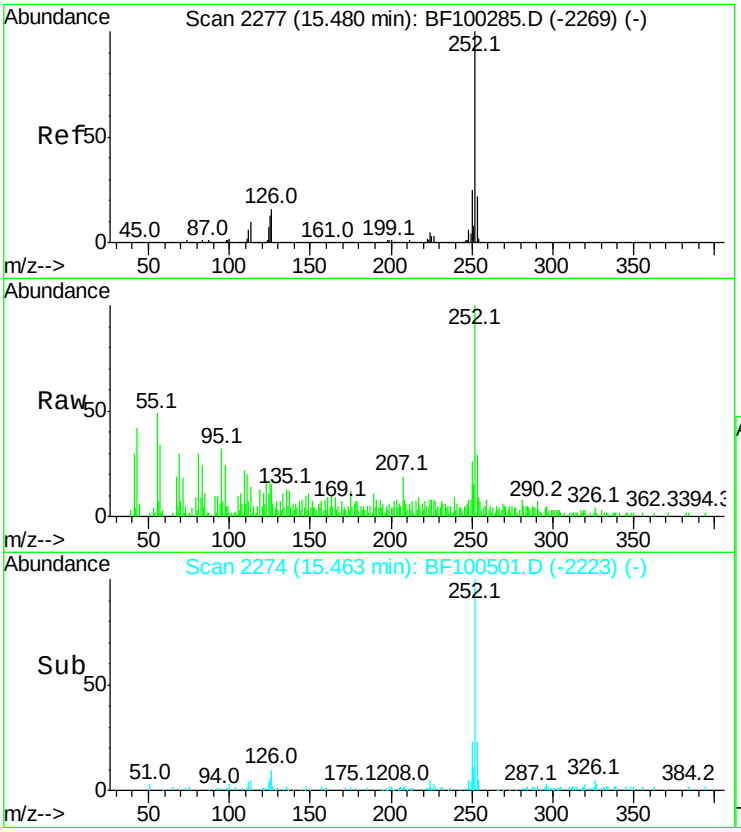


#88
Benzo(k)fluoranthene
Concen: 4.484 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Tgt Ion:252 Resp: 43112

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	14.4	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.274 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF100501.D
Acq: 13 Nov 2017 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20514

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.1	25.7#
125	16.8	9.8	14.6#