Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100824.D
Acq On : 22 Nov 2017 14:12
Operator : SJ/JU
Sample : I6565-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 17:27:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77271	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	291008	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	118903	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	180044	20.00	ng		0.00
75) Chrysene-d12	14.04	240	164532	20.00	ng		0.00
86) Perylene-d12	15.52	264	145427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	210467	43.66	ng		0.00
7) Phenol-d6	6.50	99	263263	44.29	ng		-0.01
23) Nitrobenzene-d5	7.43	82	157067	35.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	55690	45.96	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	325670	41.71	ng		-0.01
78) Terphenyl-d14	12.98	244	221745	30.97	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	20234	4.908	ng	#	77
25) Isophorone	7.43	82	157065	16.981	ng	#	64
47) 2-Nitroaniline	9.62	65	401	2.955	ng	#	1
50) 2,6-Dinitrotoluene	9.91	165	15457	8.601	ng	#	24
56) 2,4-Dinitrotoluene	9.91	165	15457	6.818	ng	#	21
70) Phenanthrene	11.42	178	65328	6.891	ng		98
74) Fluoranthene	12.61	202	181152	18.031	ng		96
77) Pyrene	12.84	202	163701	13.958	ng		96
80) Benzo(a)anthracene	14.03	228	101640	10.258	ng		99
82) Chrysene	14.06	228	91430	9.529	ng		96
83) Bis(2-ethylhexyl)phthalate	14.01	149	513543	81.633	ng		99
84) Di-n-octyl phthalate	14.60	149	32815	3.036	ng	#	31
85) Indeno(1,2,3-cd)pyrene	17.00	276	36971	4.764	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	146915	17.052	ng	#	94
88) Benzo(k)fluoranthene	15.09	252	146915	18.047	ng	#	97
89) Benzo(a)pyrene	15.45	252	72811	9.532	ng	#	92
91) Benzo(g,h,i)perylene	17.45	276	35360	5.783	ng		94

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
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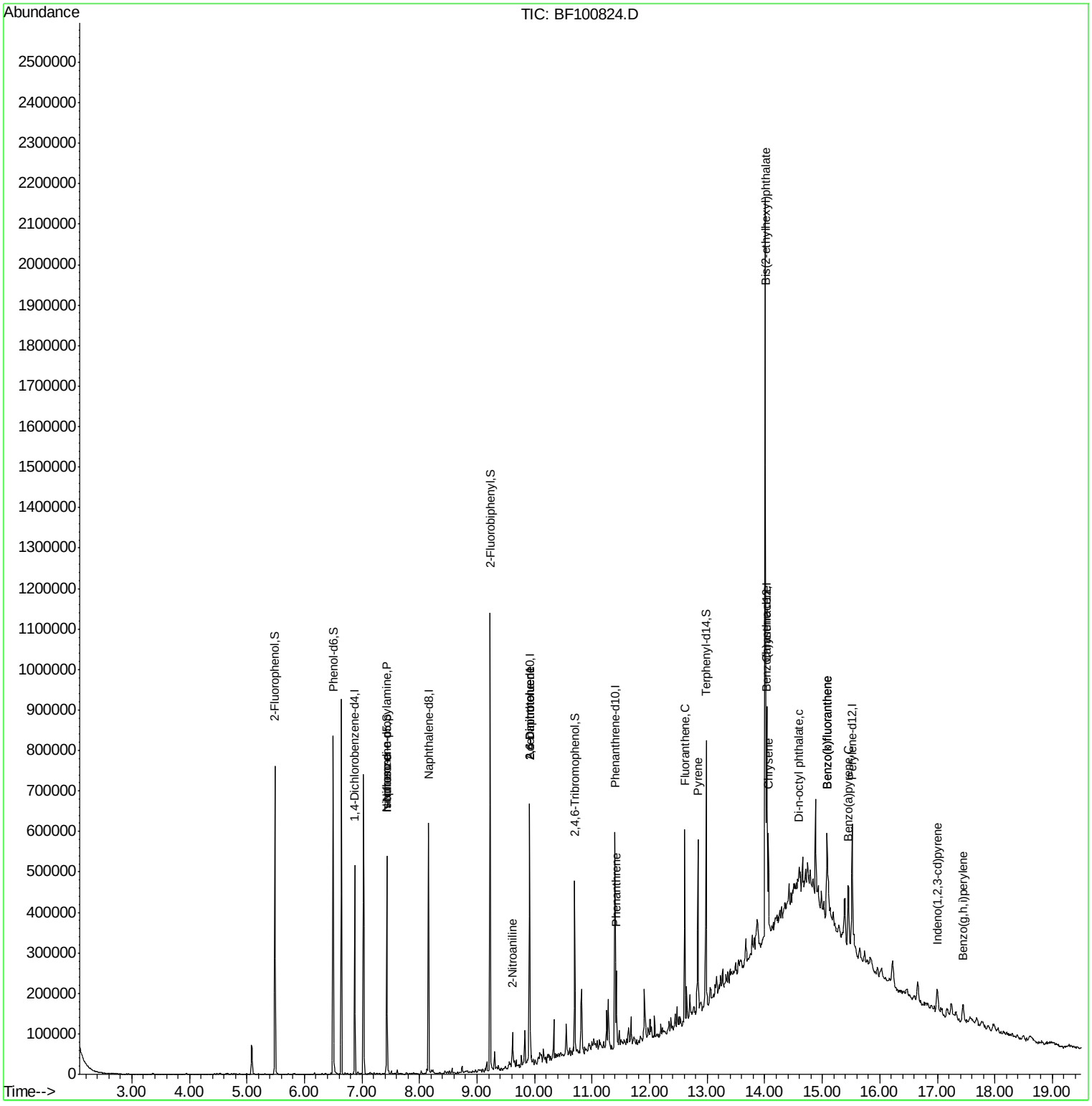
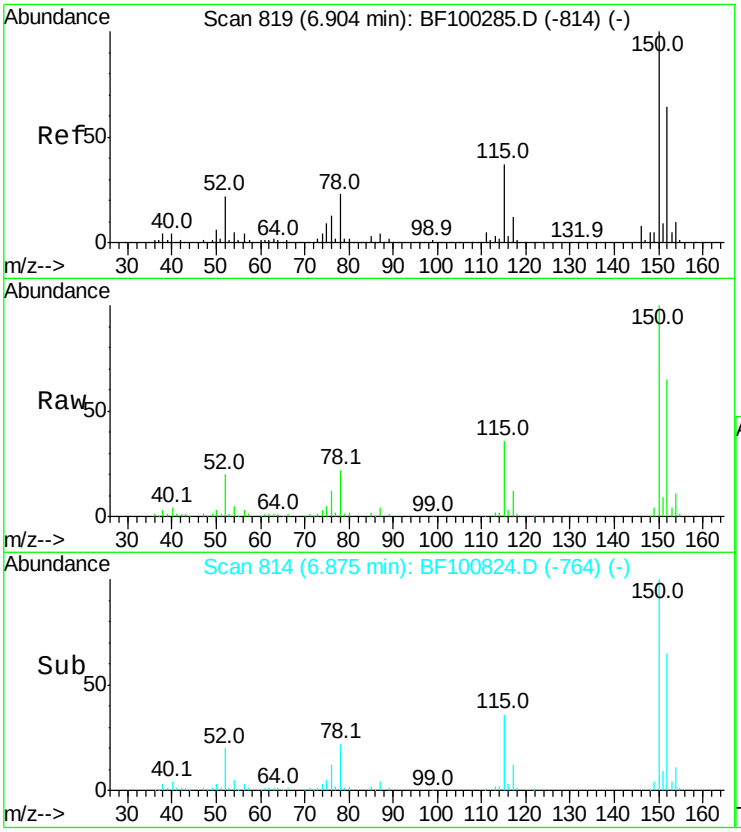


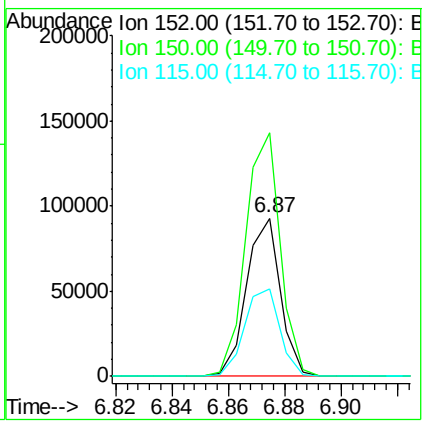


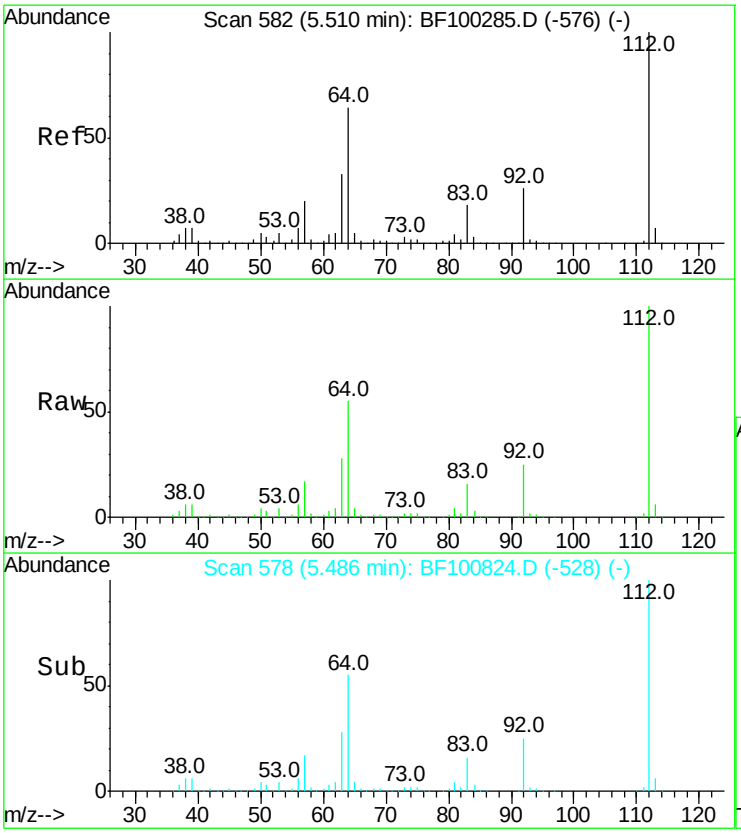
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77271

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	55.3	50.1	75.1

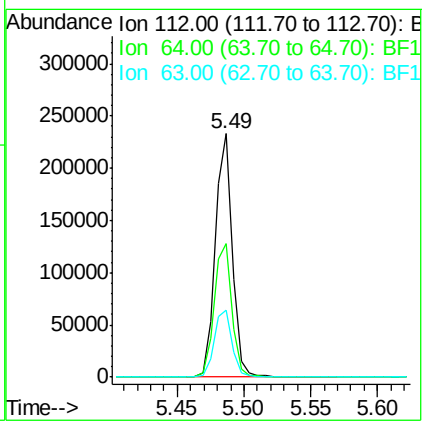


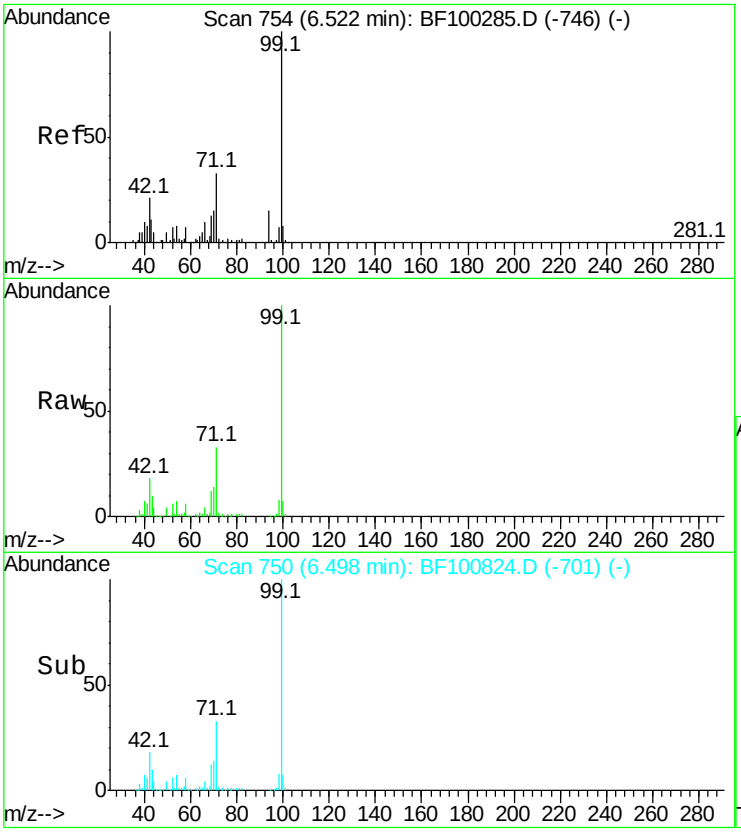


#5
2-Fluorophenol
Concen: 43.661 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:112 Resp: 210467

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.8	23.7	35.5



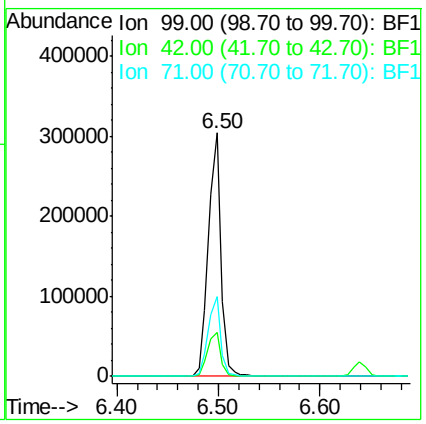


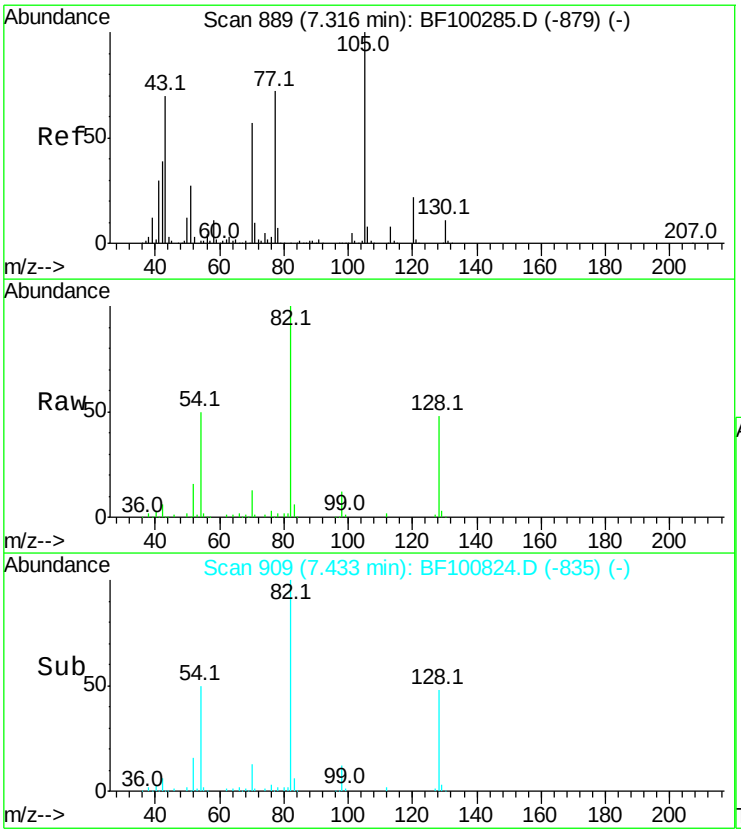
#7
Phenol-d6
Concen: 44.289 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 263263

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.8	25.4	38.0

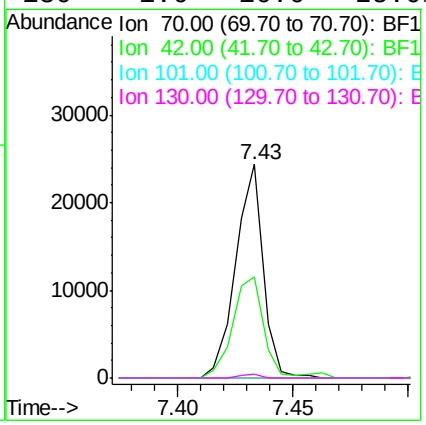


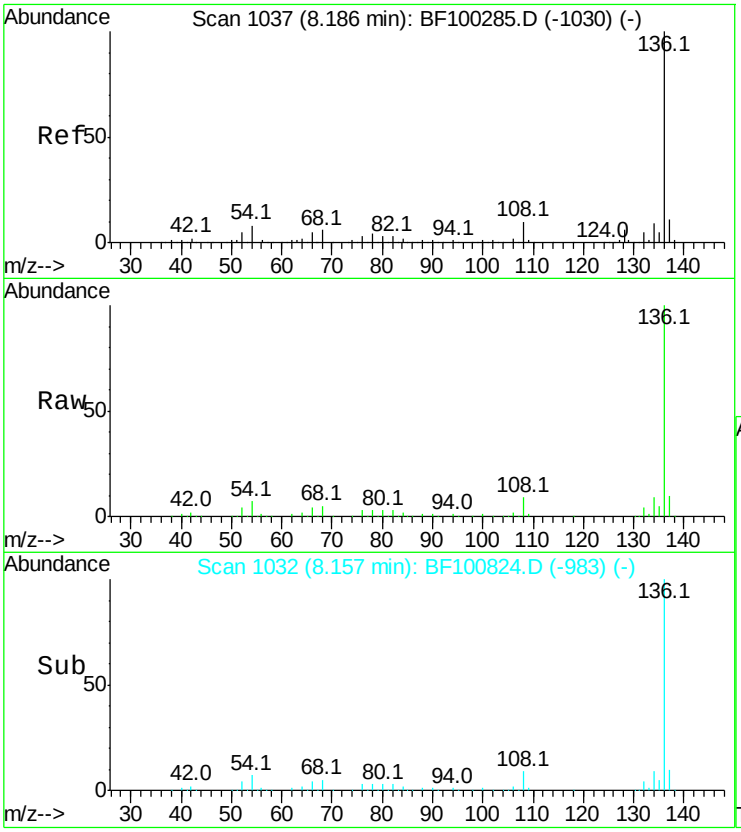


#19
n-Nitroso-di-n-propylamine
Concen: 4.908 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion: 70 Resp: 20234

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



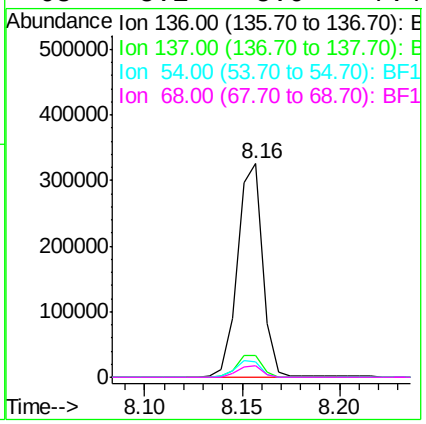


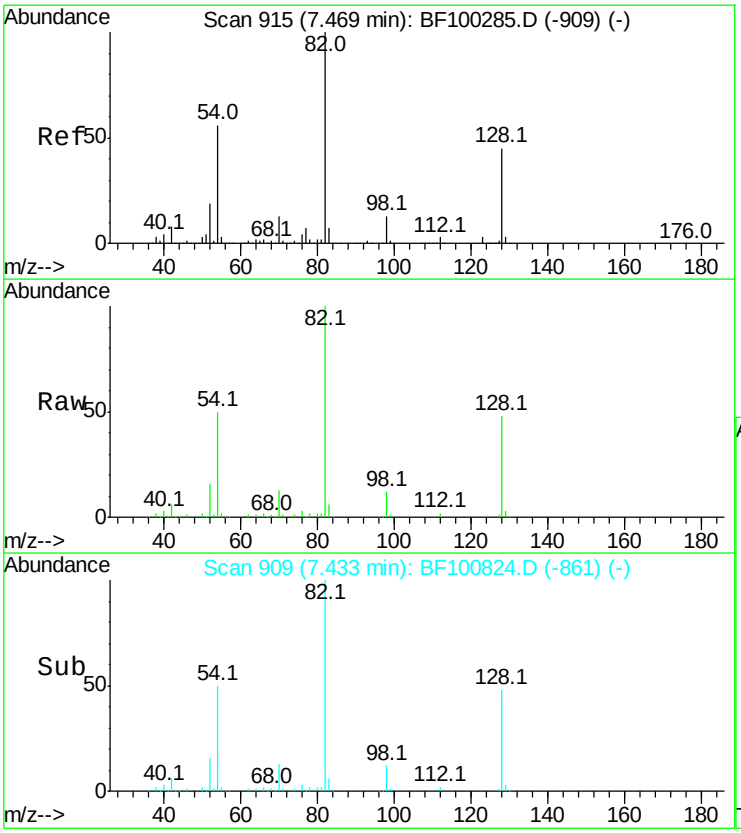
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 291008

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.2	6.6	9.8
68	5.1	5.0	7.4

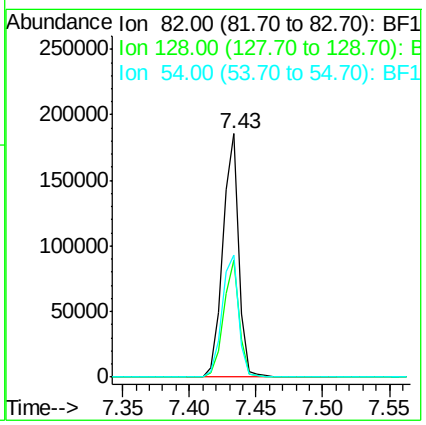


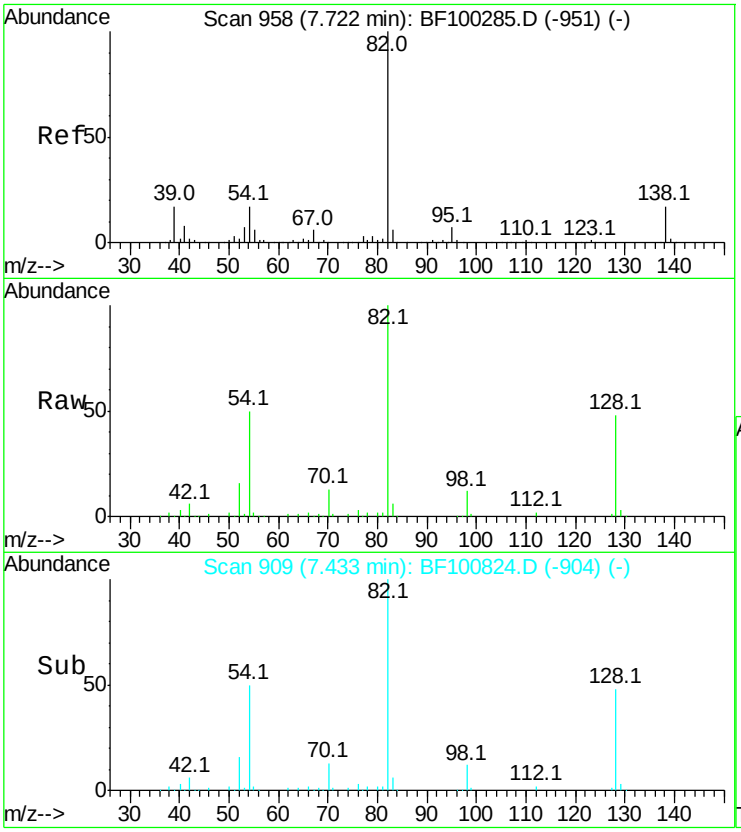


#23
Nitrobenzene-d5
Concen: 35.684 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion: 82 Resp: 157067

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	50.3	41.4	62.2



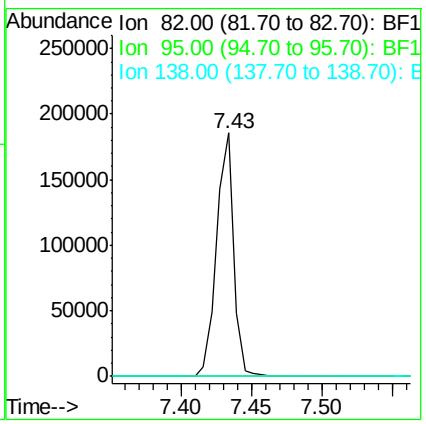


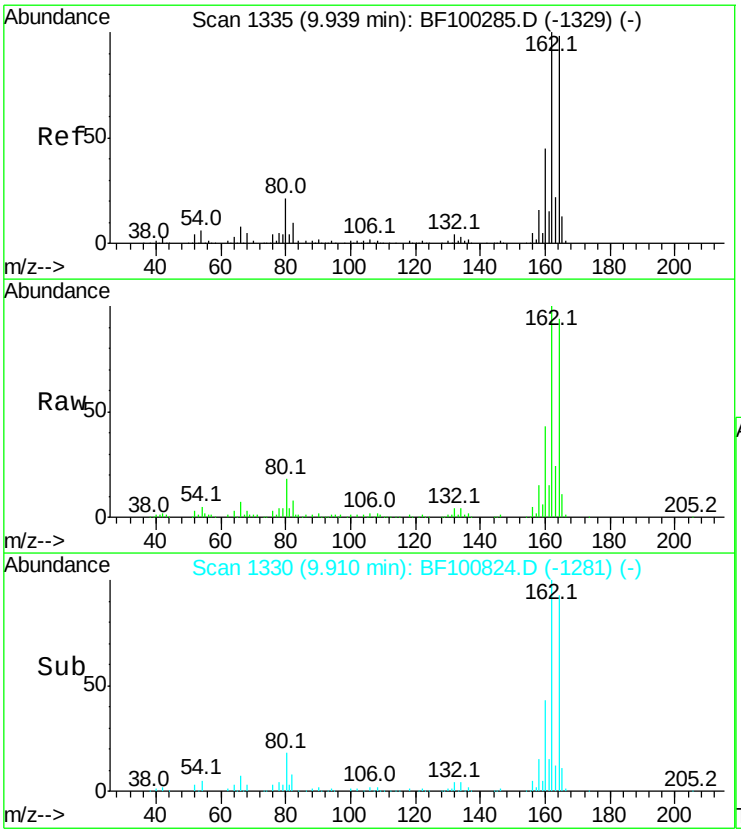
#25
Isophorone
Concen: 16.981 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 157065

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

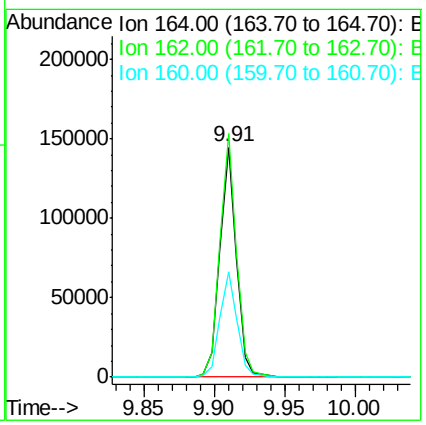


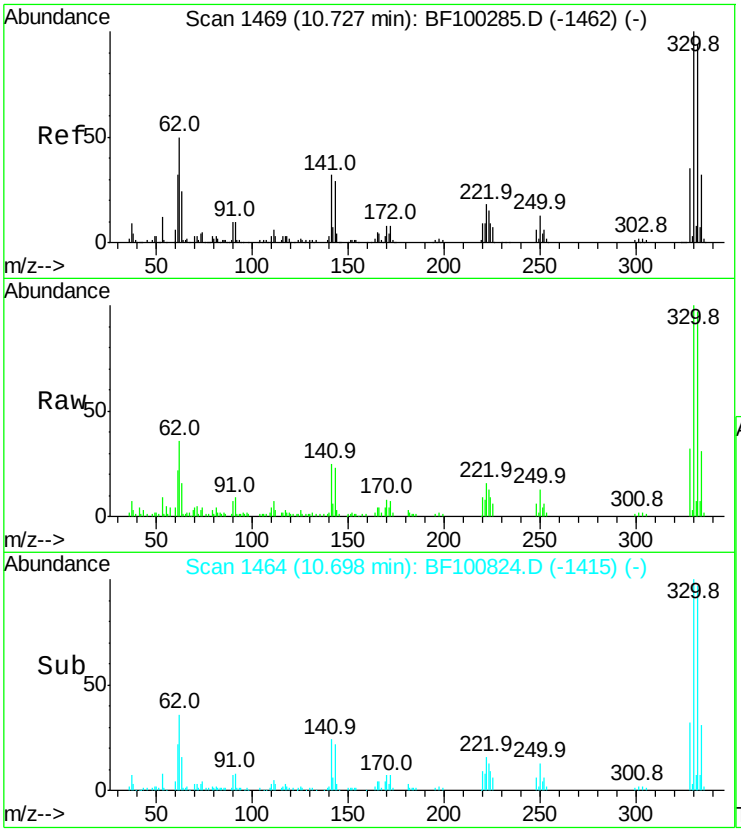


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:164 Resp: 118903

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	45.7	38.3	57.5



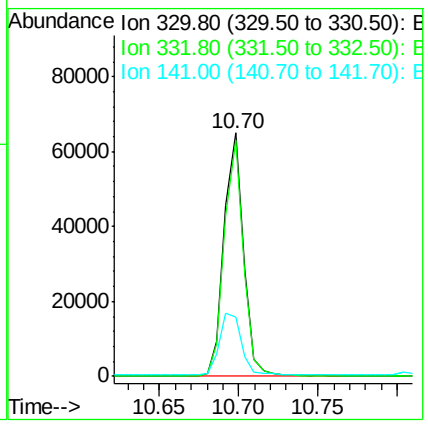


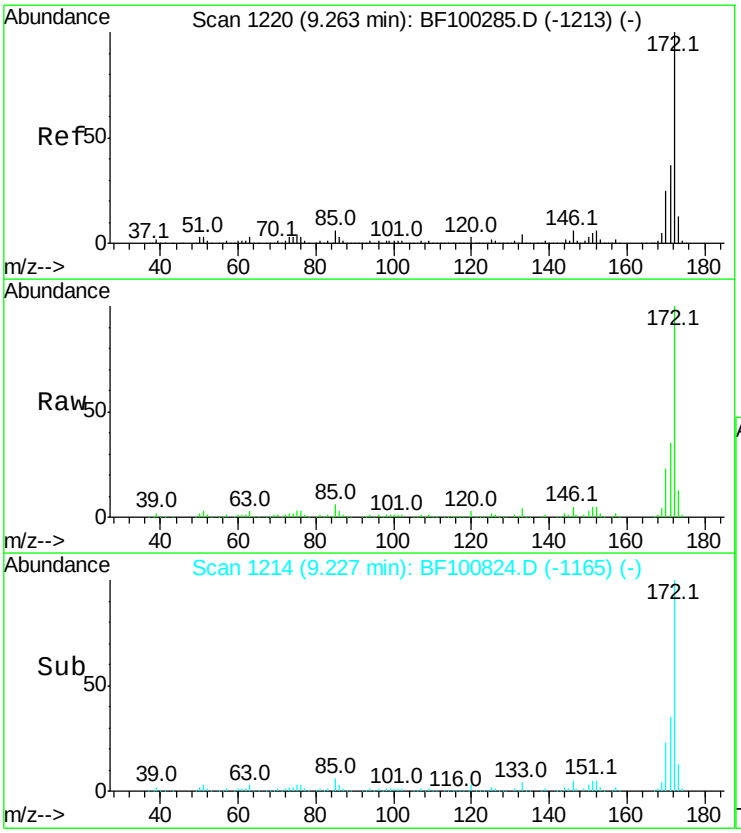
#41
2,4,6-Tribromophenol
Concen: 45.963 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 55690

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	29.0	29.9	44.9#

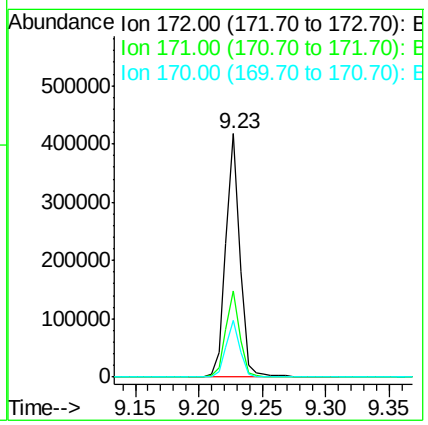


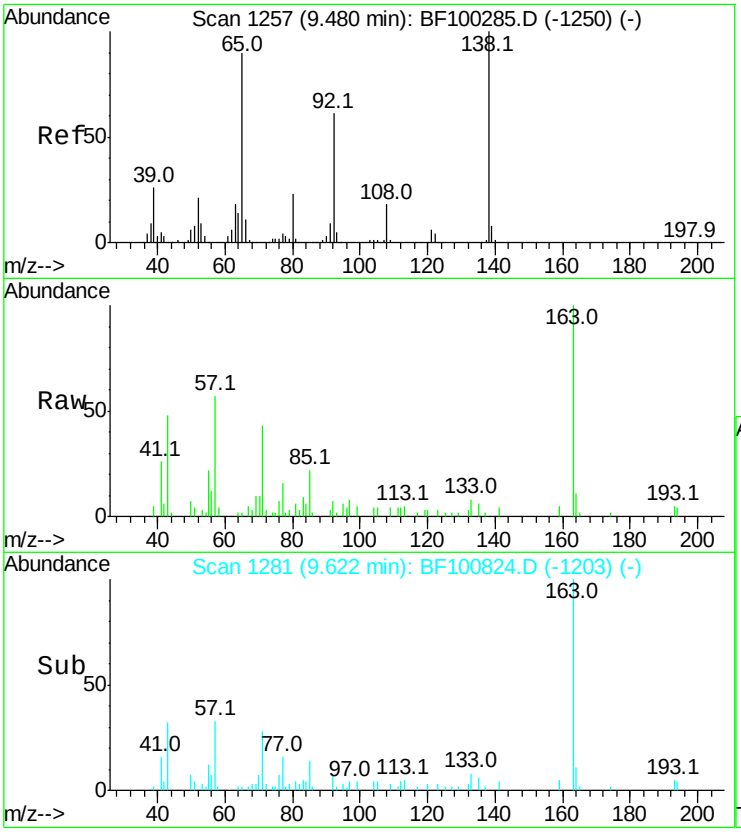


#44
2-Fluorobiphenyl
Concen: 41.706 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:172 Resp: 325670

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4



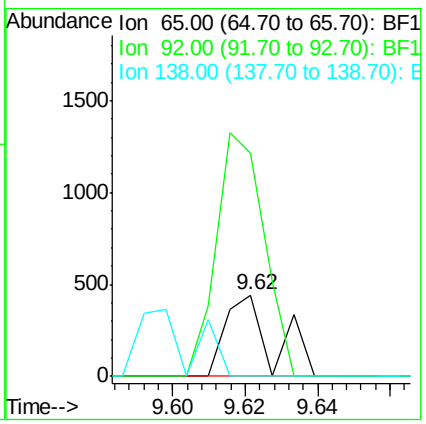


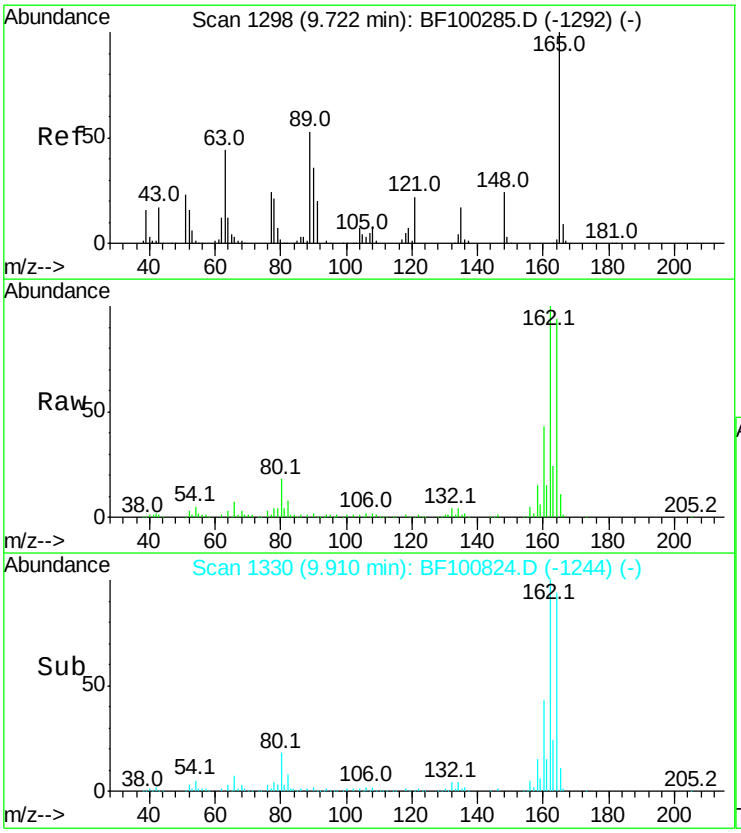
#47
2-Nitroaniline
Concen: 2.955 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 401

Ion	Ratio	Lower	Upper
65	100		
92	274.0	55.8	83.6#
138	0.0	91.2	136.8#

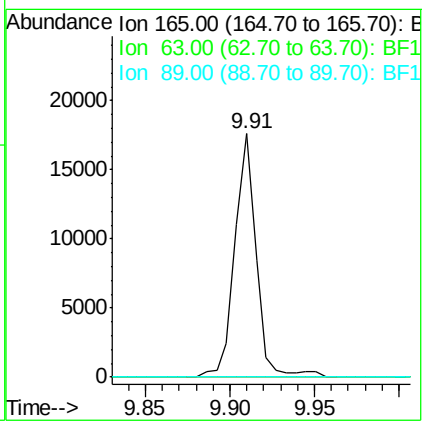


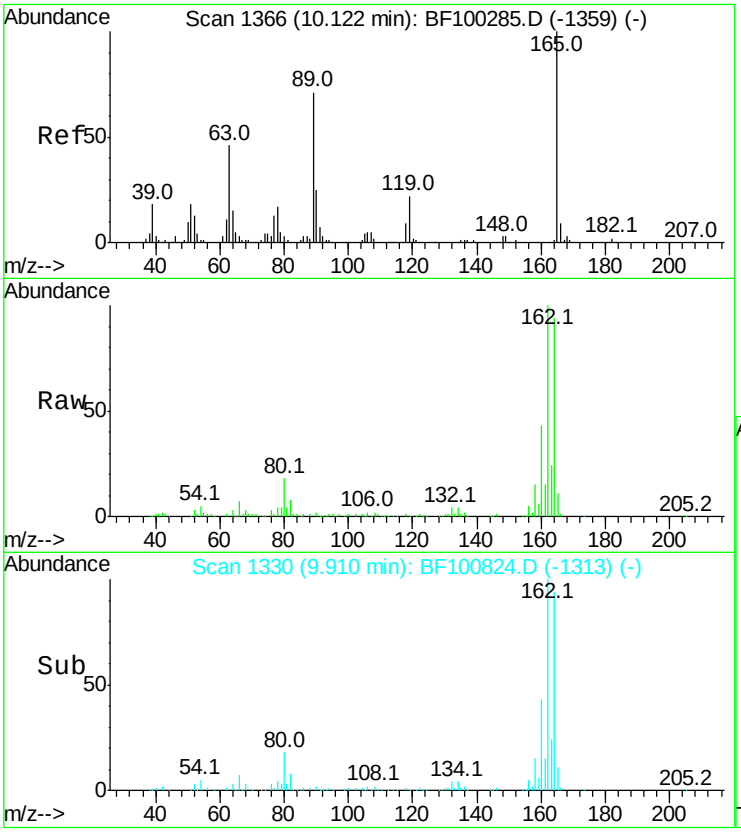


#50
2,6-Dinitrotoluene
Concen: 8.601 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:165 Resp: 15457

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



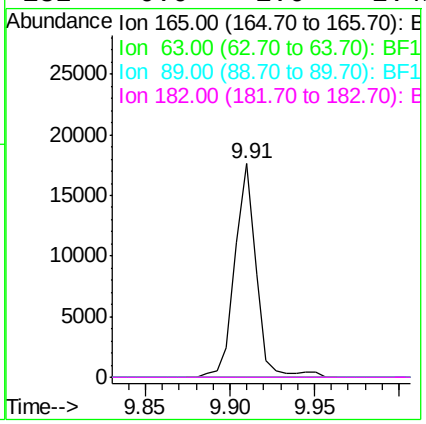


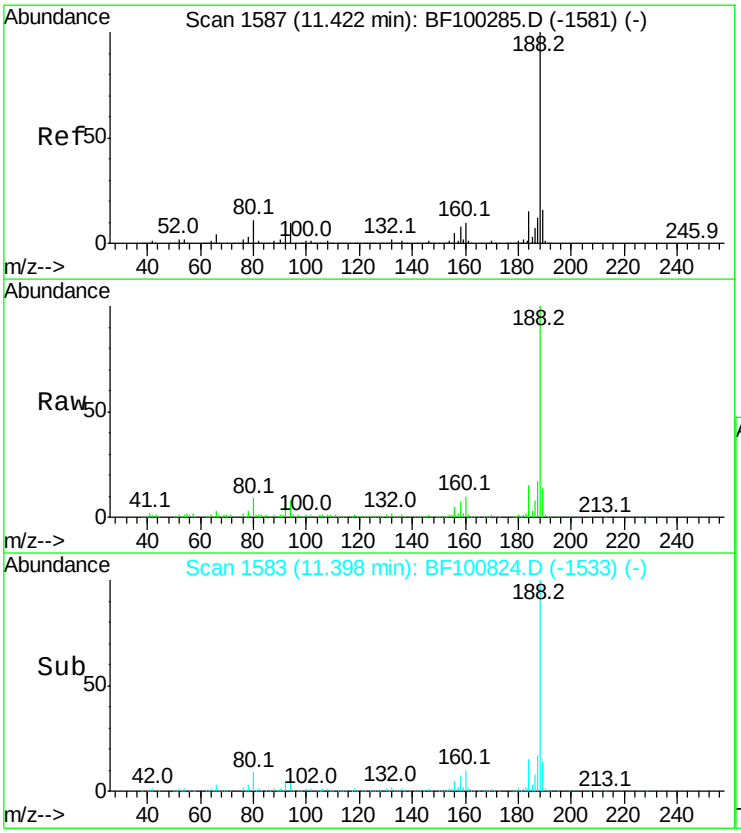
#56
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15457

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#

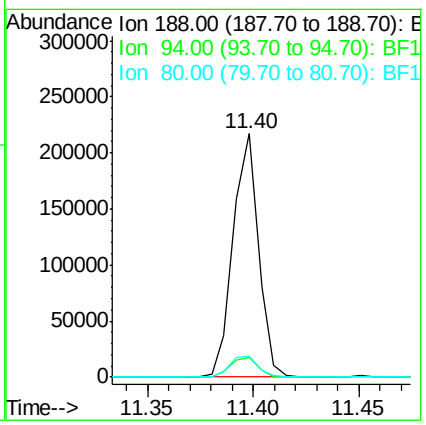


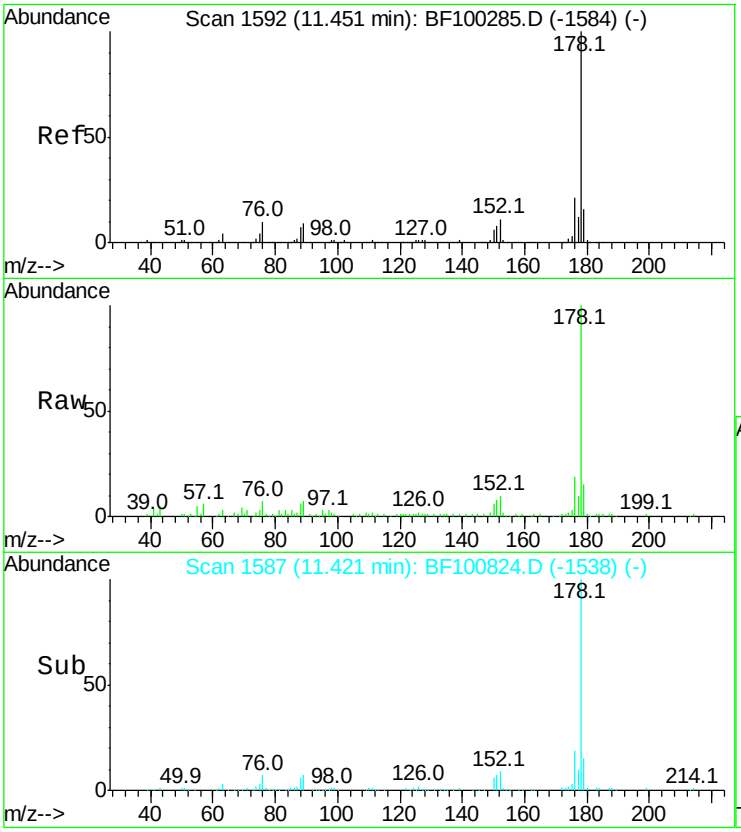


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:188 Resp: 180044

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



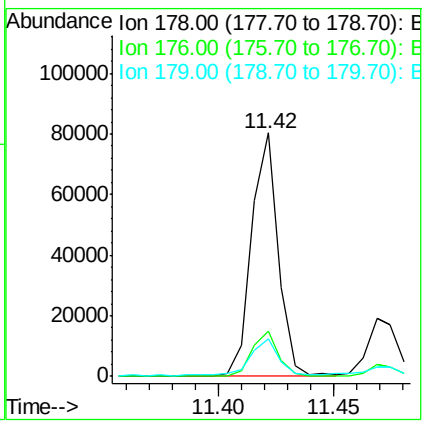


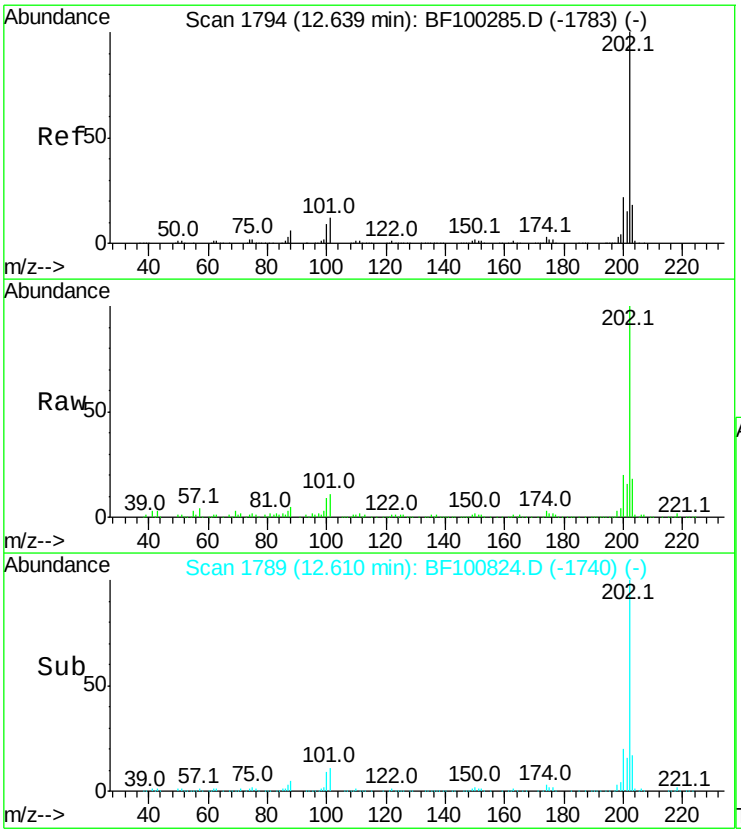
#70
Phenanthrene
Concen: 6.891 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 65328

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.4	13.0	19.6

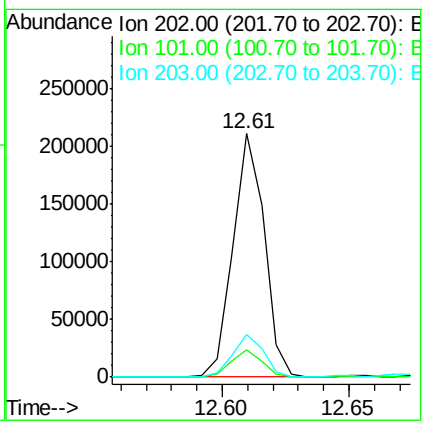


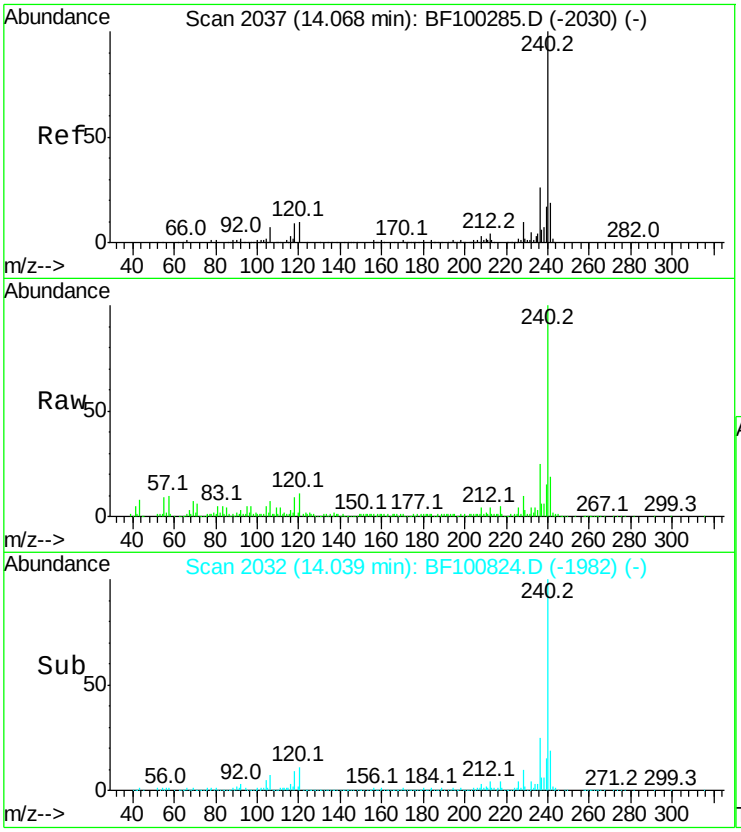


#74
Fluoranthene
Concen: 18.031 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:202 Resp: 181152

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.7	0.0	38.1



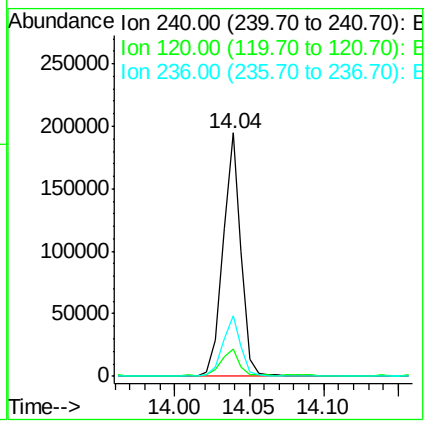


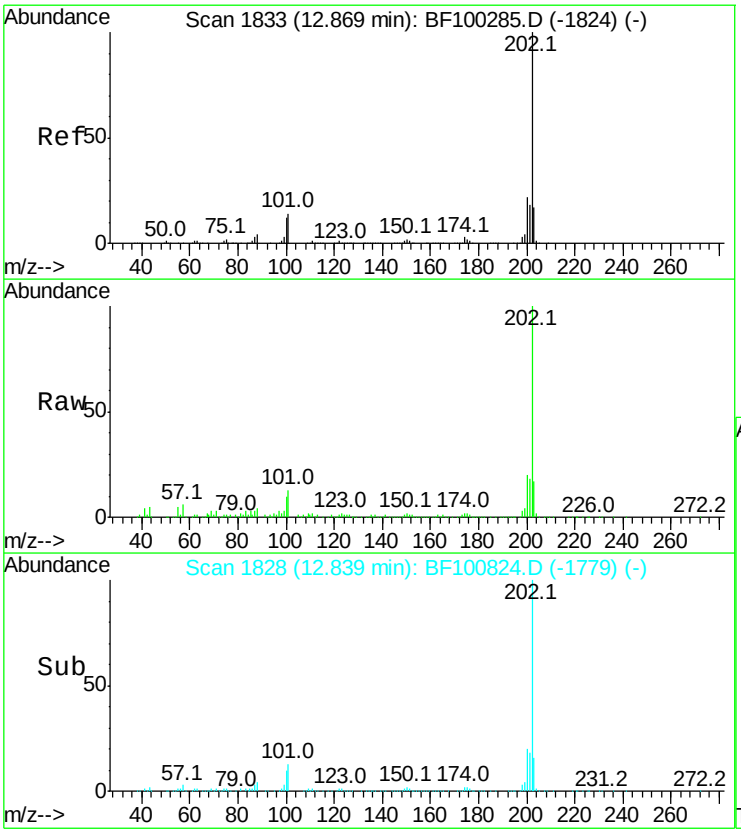
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 164532

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.0	20.7	31.1

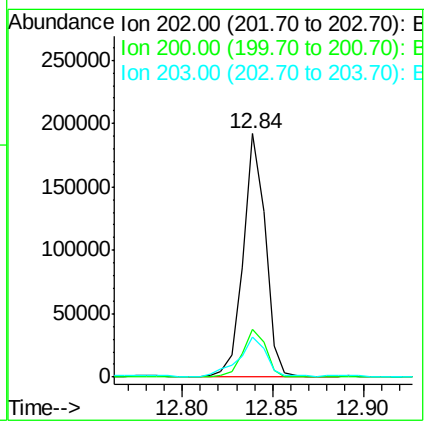


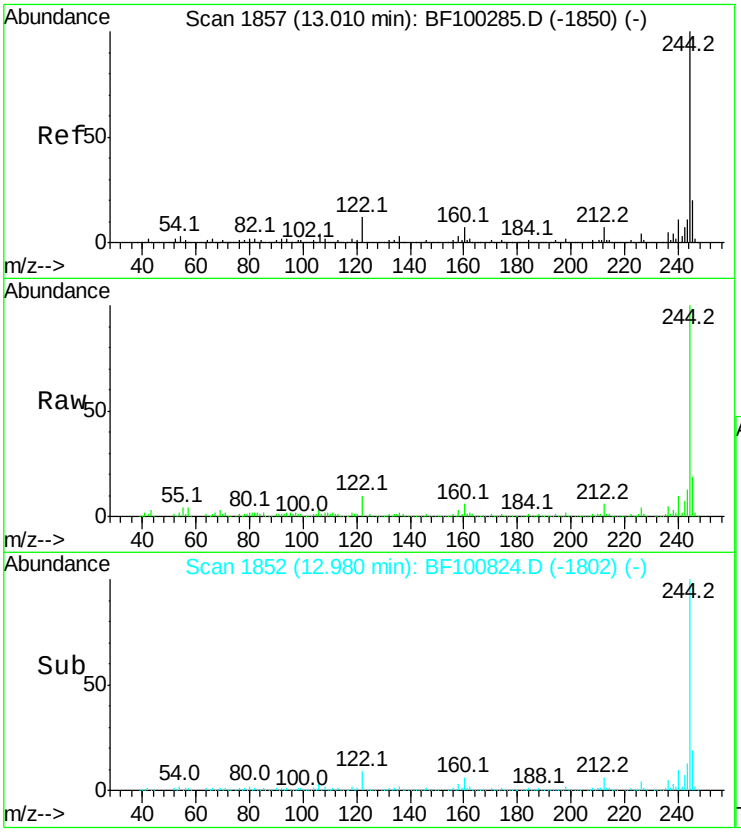


#77
Pyrene
Concen: 13.958 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:202 Resp: 163701

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.6	14.3	21.5



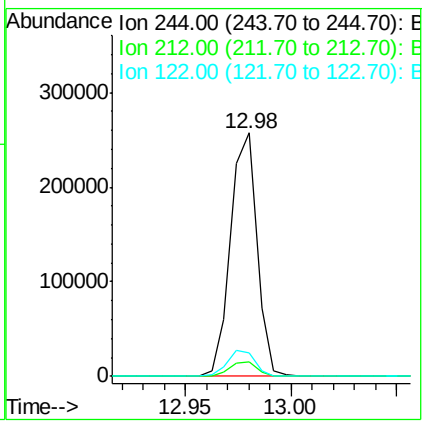


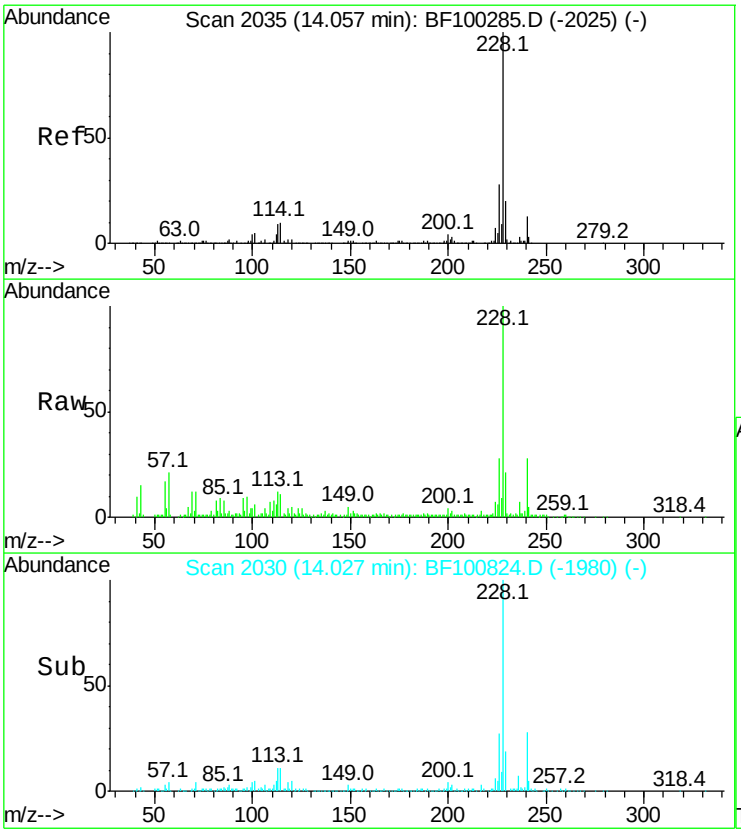
#78
Terphenyl-d14
Concen: 30.967 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 221745

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.6	11.0	16.4#

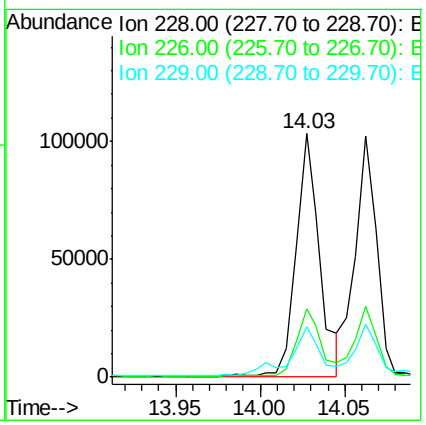


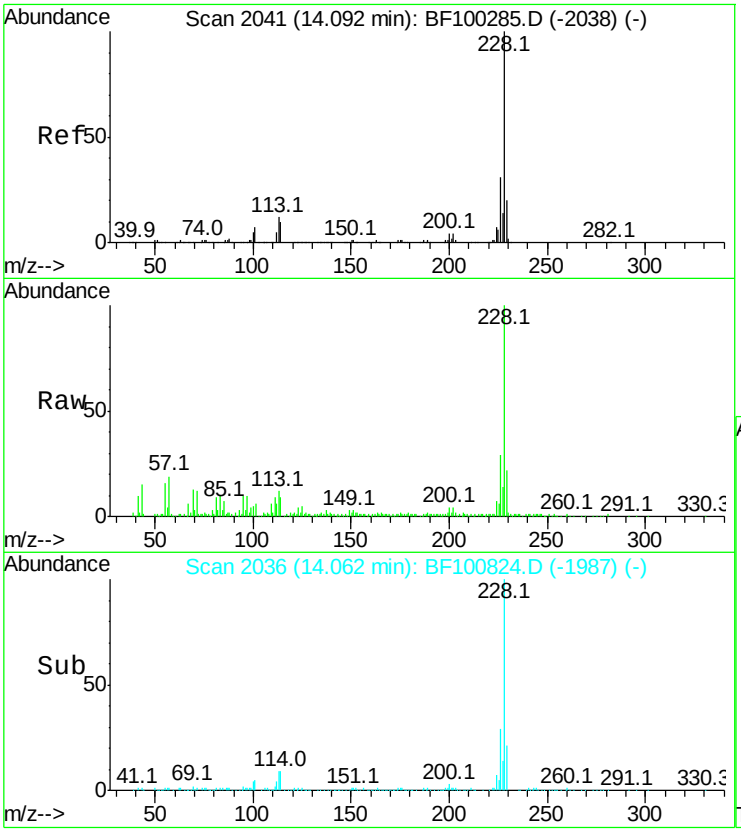


#80
Benzo(a)anthracene
Concen: 10.258 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:228 Resp: 101640

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.5	15.8	23.6



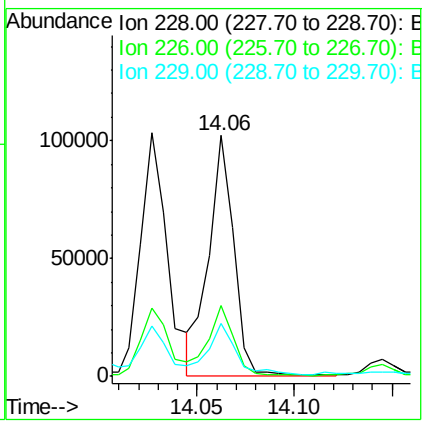


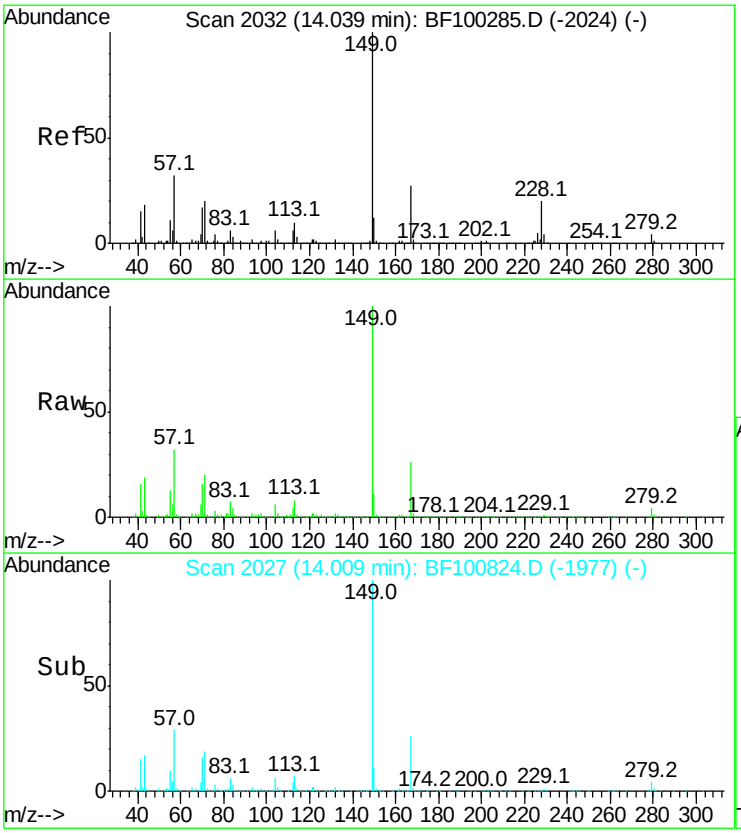
#82
Chrysene
Concen: 9.529 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 91430

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	21.9	16.2	24.4

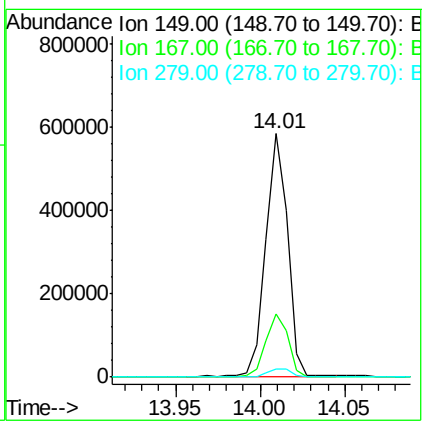


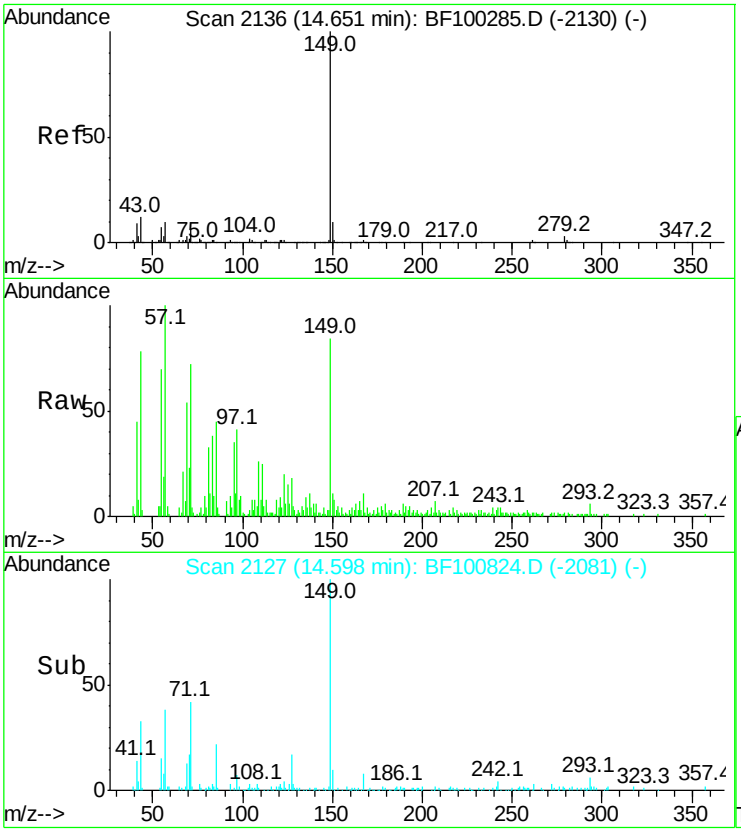


#83
Bis(2-ethylhexyl)phthalate
Concen: 81.633 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:149 Resp: 513543

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.6	3.0	4.4



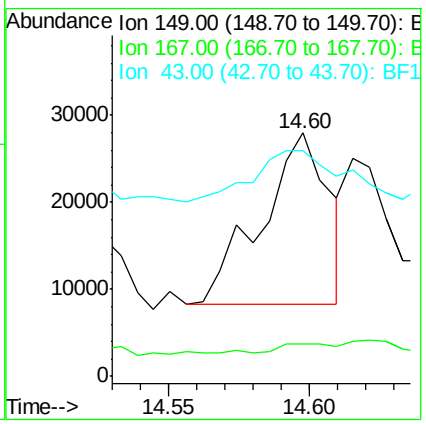


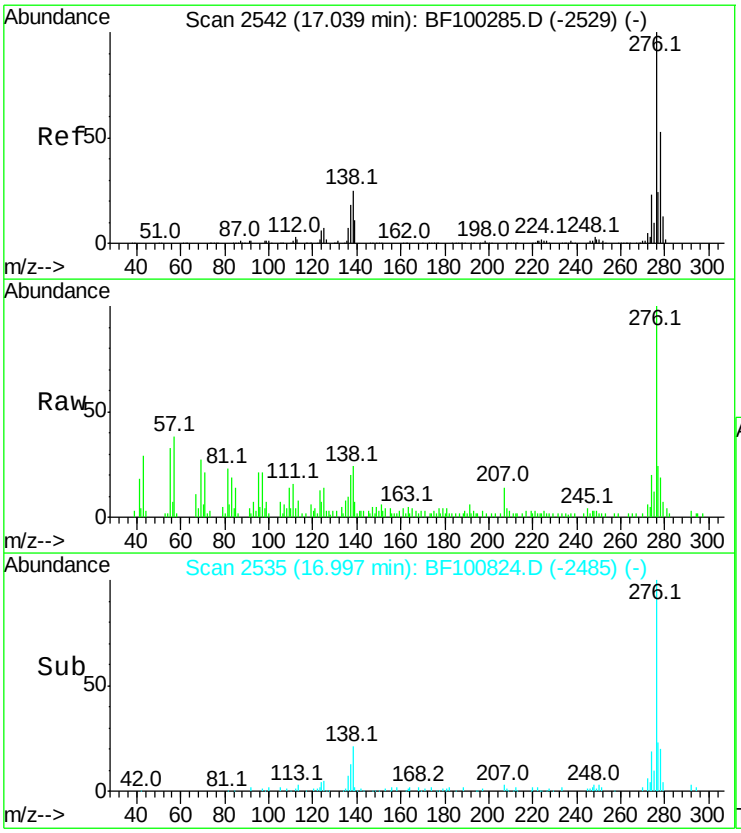
#84
Di-n-octyl phthalate
Concen: 3.036 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.03 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 32815

Ion	Ratio	Lower	Upper
149	100		
167	5.9	1.2	1.8#
43	39.3	8.4	12.6#

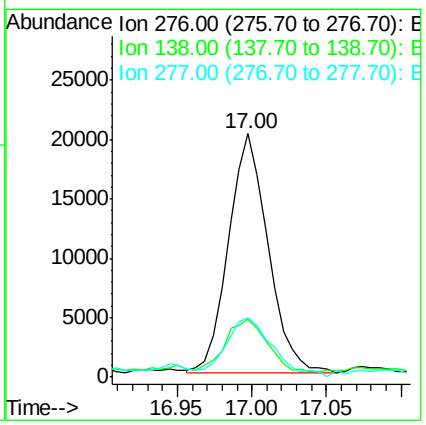


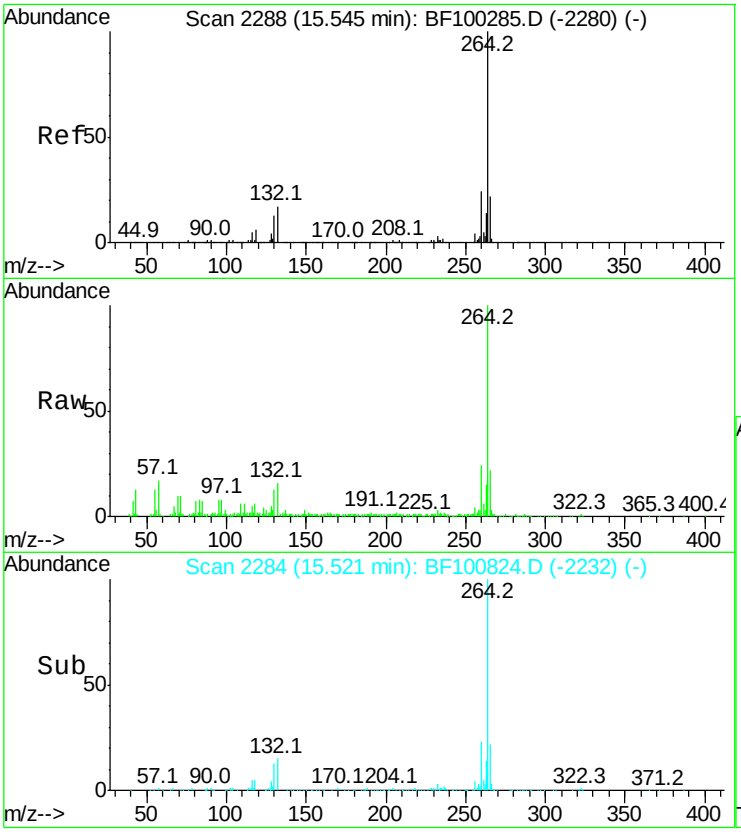


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.764 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:276 Resp: 36971

Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	29.6	20.1	30.1



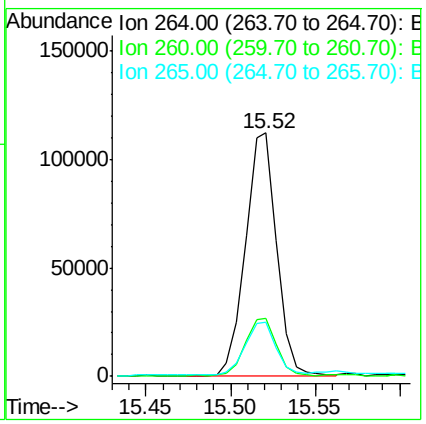


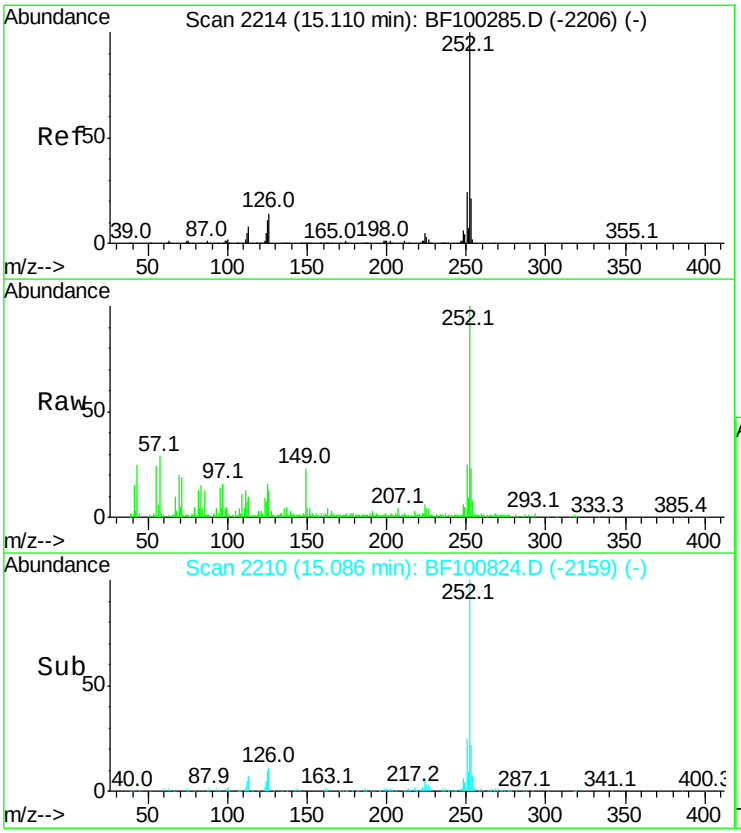
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 145427

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	17.5	26.3

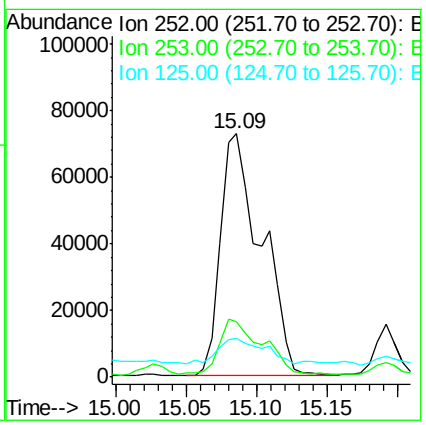


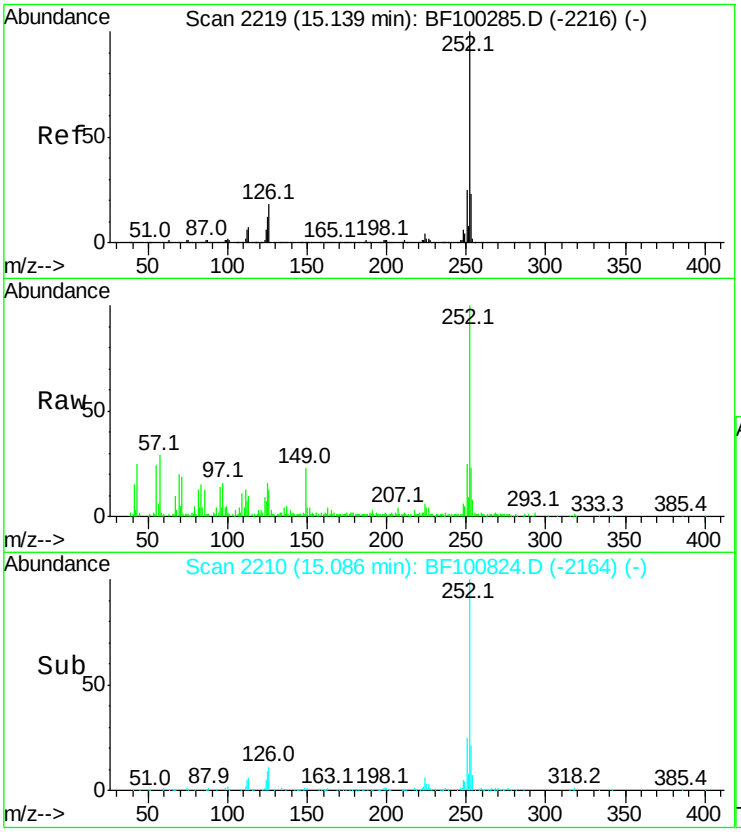


#87
Benzo(b)fluoranthene
Concen: 17.052 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:252 Resp: 146915

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	16.0	9.0	13.6#



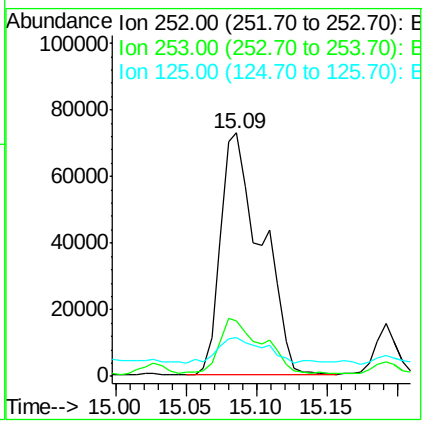


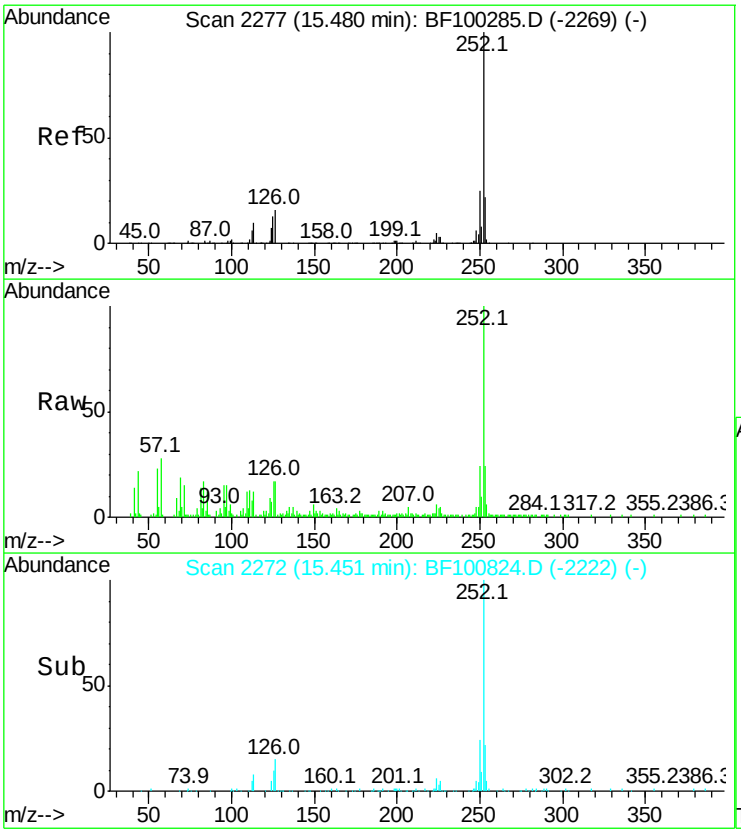
#88
Benzo(k)fluoranthene
Concen: 18.047 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 146915

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	16.0	10.2	15.2#

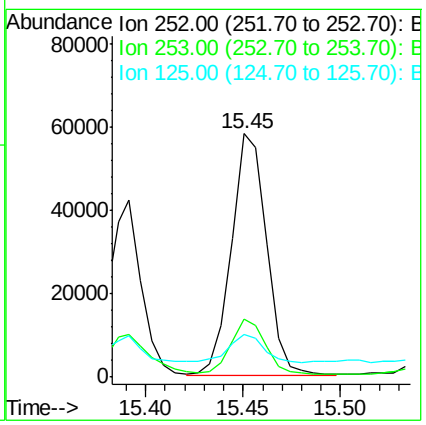


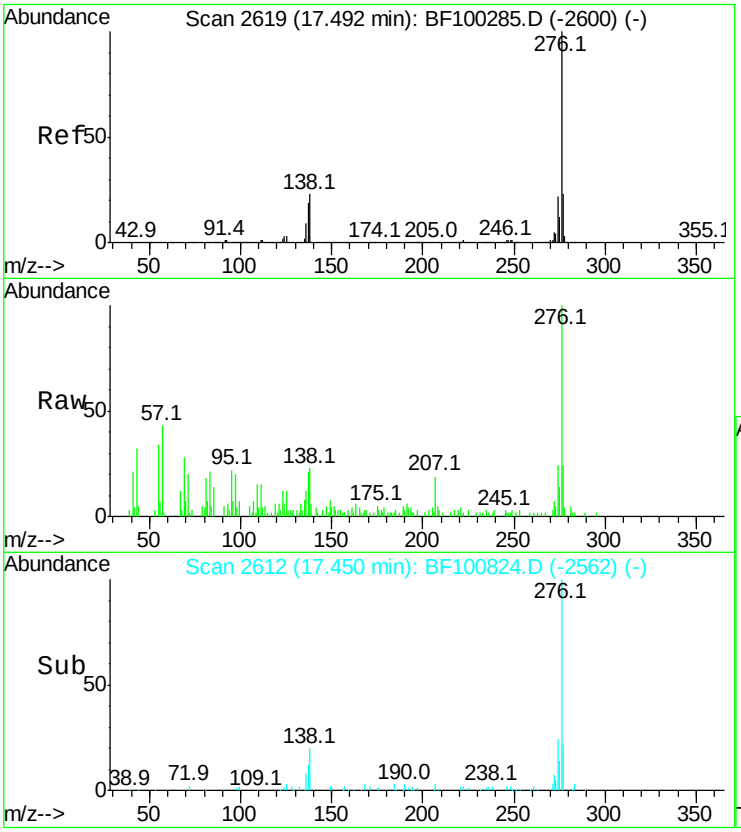


#89
Benzo(a)pyrene
Concen: 9.532 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion:252 Resp: 72811

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	17.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.783 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 35360

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.0	21.8	32.8