Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100932.D
Acq On : 28 Nov 2017 14:28
Operator : SJ/JU
Sample : I6578-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 00:36:12 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	67617	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	255874	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	111971	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	177044	20.00	ng		0.00
75) Chrysene-d12	14.02	240	146006	20.00	ng		0.00
86) Perylene-d12	15.50	264	151195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	475218	112.66	ng		0.00
7) Phenol-d6	6.49	99	602090	115.75	ng		0.00
23) Nitrobenzene-d5	7.43	82	369158	95.38	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	144220	126.40	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	780538	106.15	ng		0.00
78) Terphenyl-d14	12.97	244	552758	86.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	11502	2.106	ng		97
19) n-Nitroso-di-n-propylamine	7.42	70	49851	13.819	ng	#	80
25) Isophorone	7.43	82	369154	45.390	ng	#	64
47) 2-Nitroaniline	9.60	65	170	2.861	ng	#	1
49) Dimethylphthalate	9.60	163	37711	4.411	ng		100
50) 2,6-Dinitrotoluene	9.89	165	14446	8.537	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	14446	6.767	ng	#	21
62) Azobenzene	10.61	77	79824	9.906	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.69	198	175	8.731	ng	#	34
66) 4-Bromophenyl-phenylether	10.69	248	9181	4.837	ng	#	1
74) Fluoranthene	12.59	202	24818	2.512	ng		96
77) Pyrene	12.82	202	25450	2.445	ng		99
82) Chrysene	14.04	228	17170	2.017	ng	#	94
87) Benzo(b)fluoranthene	15.06	252	31255	3.489	ng	#	71
88) Benzo(k)fluoranthene	15.06	252	31255	3.693	ng	#	74
89) Benzo(a)pyrene	15.43	252	17488	2.202	ng	#	82
91) Benzo(g,h,i)perylene	17.43	276	15190	2.389	ng	#	92

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

Quantitation Report (Not Reviewed)

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Data File : BF100932.D
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Operator : SJ/JU
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Misc :
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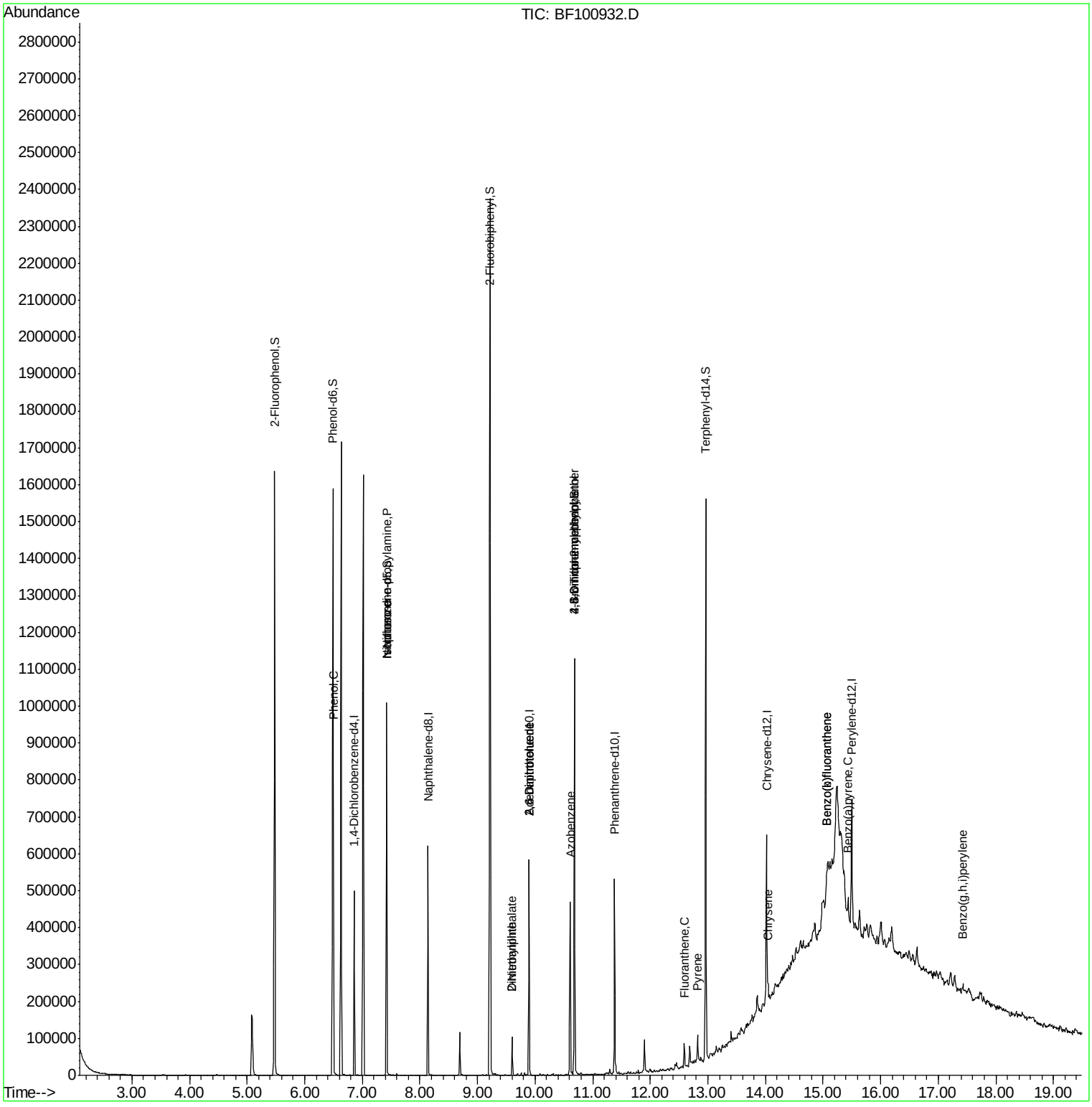
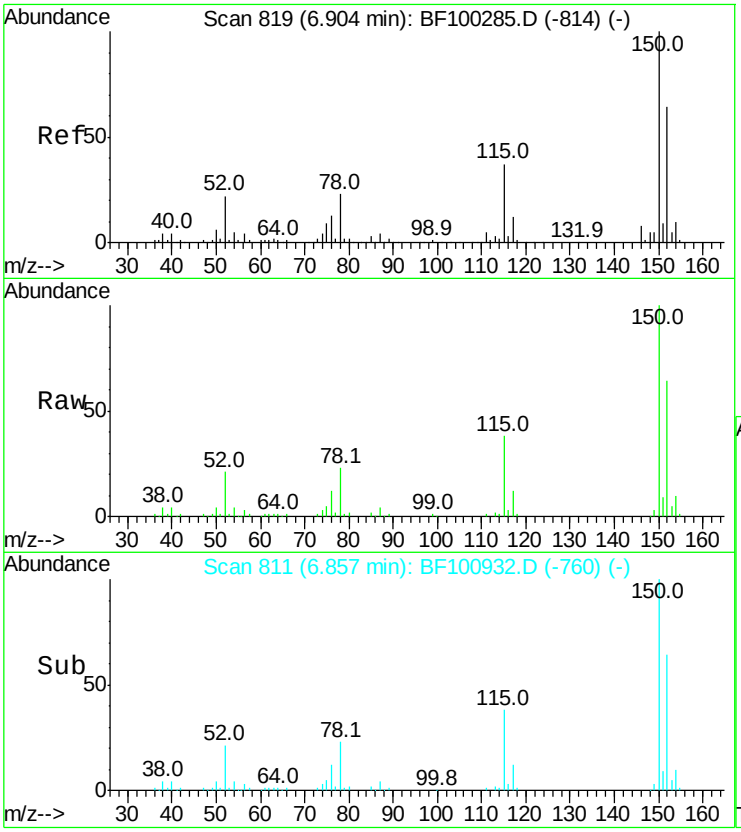


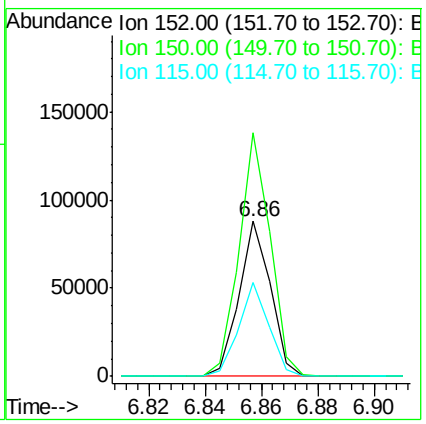


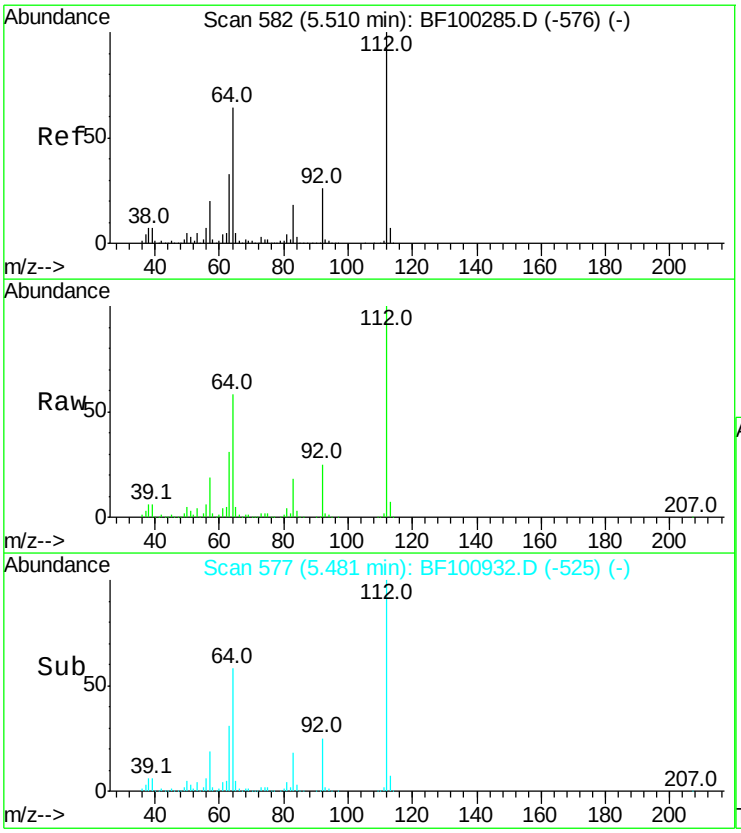
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 67617

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	60.4	50.1	75.1

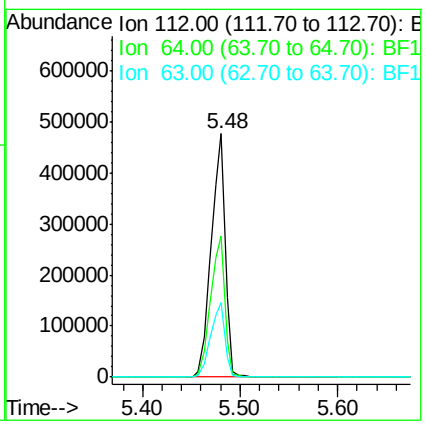


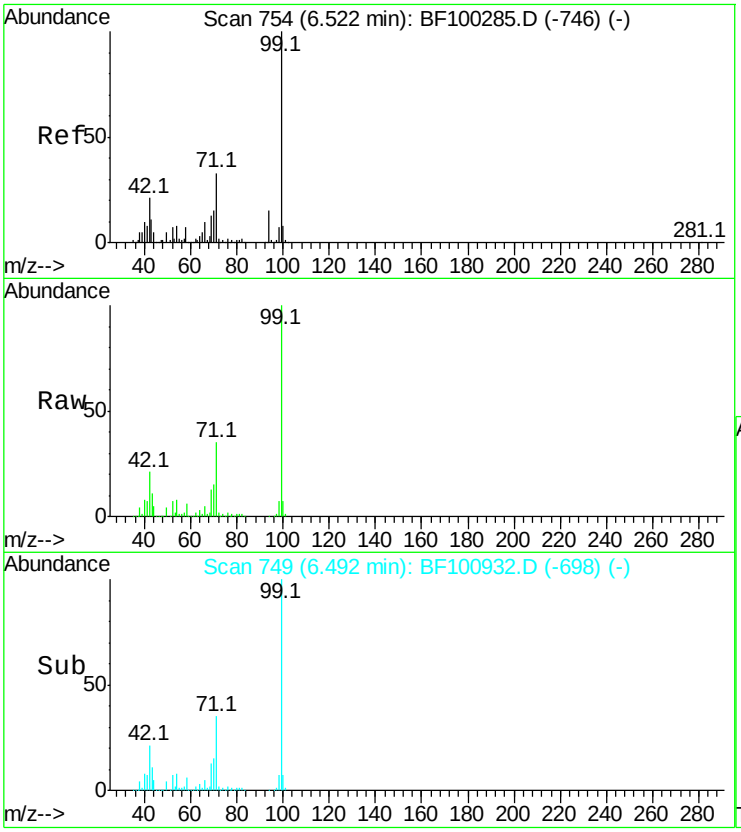


#5
2-Fluorophenol
Concen: 112.659 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:112 Resp: 475218

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	30.6	23.7	35.5



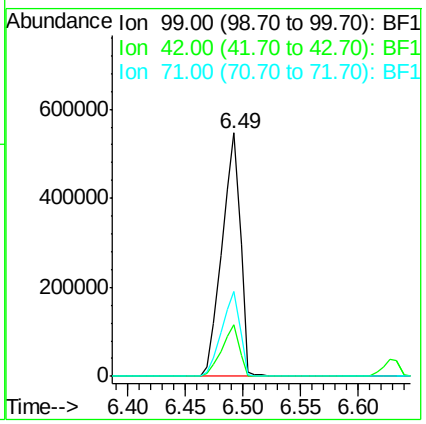


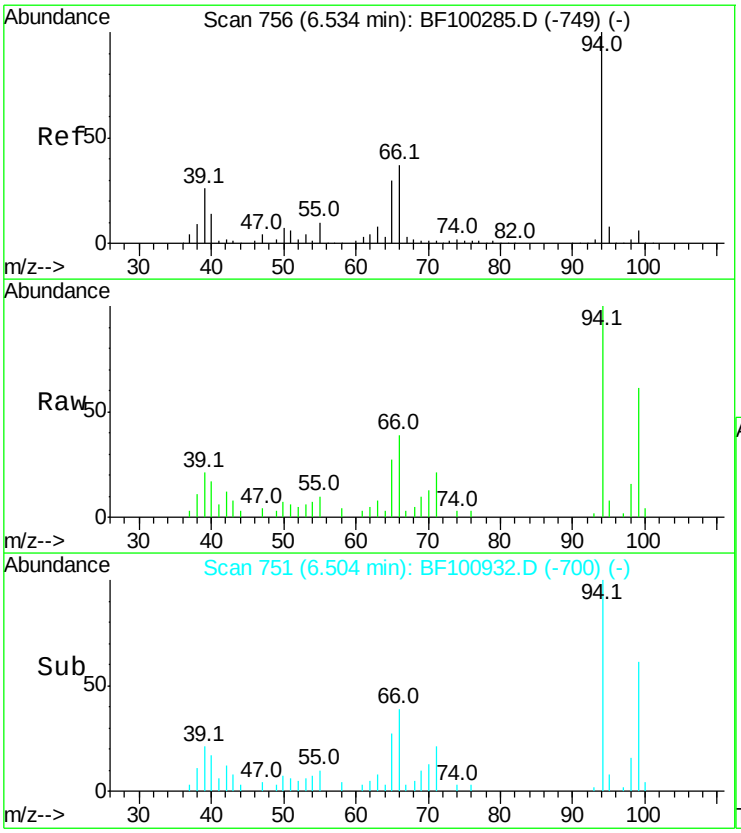
#7
Phenol-d6
Concen: 115.751 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 602090

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	35.1	25.4	38.0

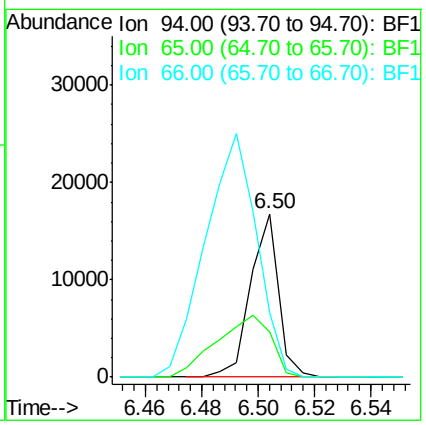


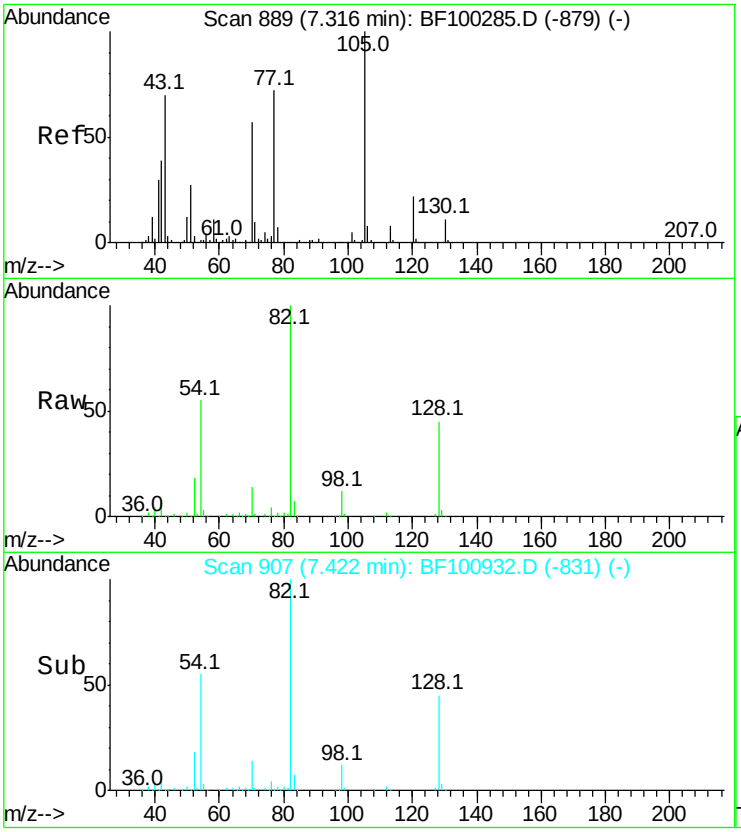


#10
Phenol
Concen: 2.106 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion: 94 Resp: 11502

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	39.1	16.2	56.2



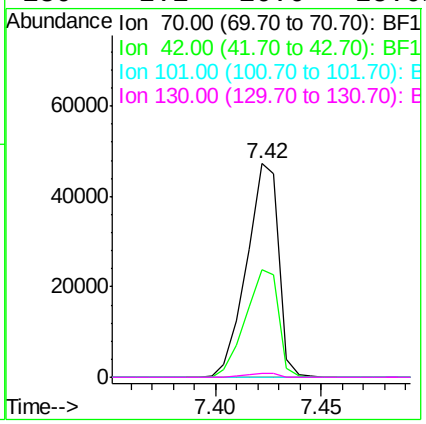


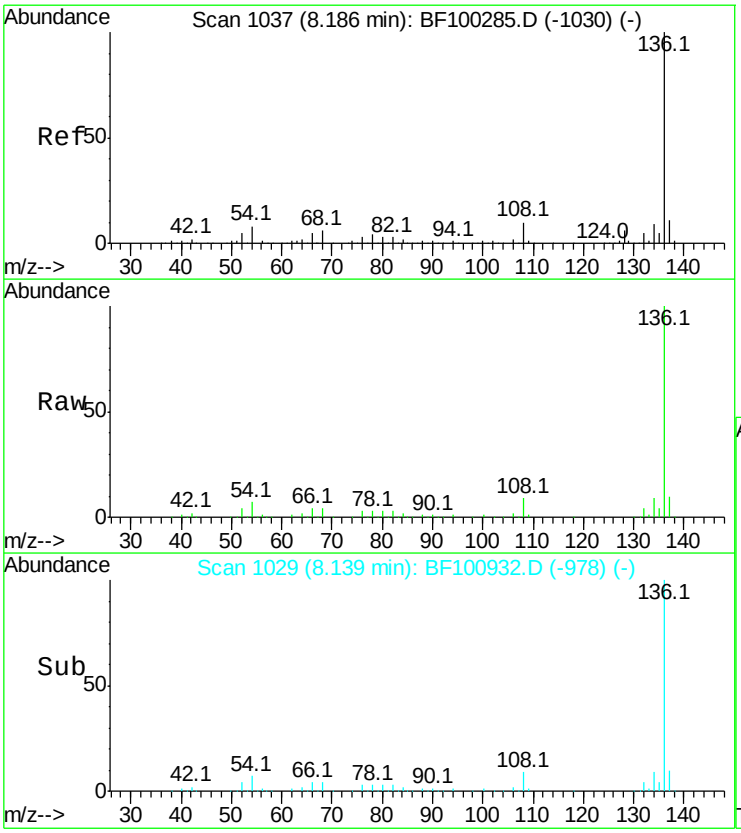
#19
n-Nitroso-di-n-propylamine
Concen: 13.819 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49851

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

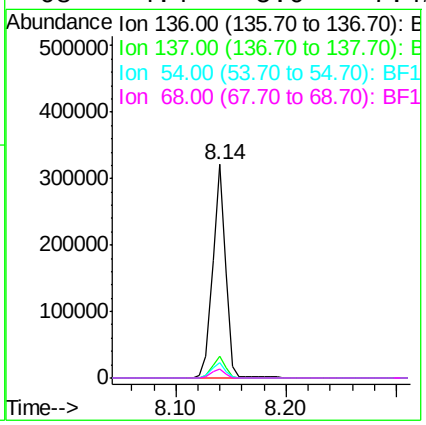


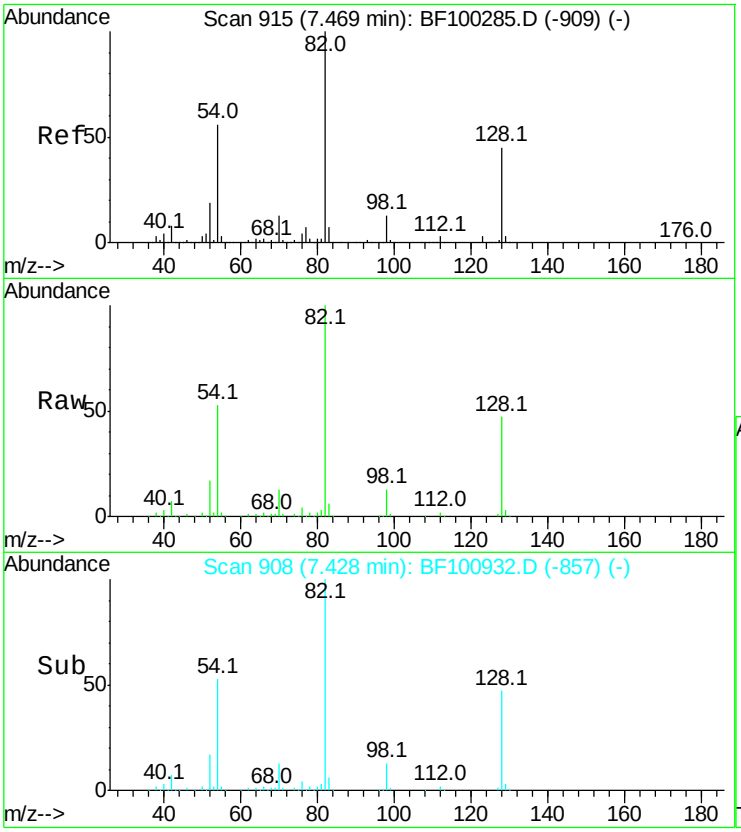


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:136 Resp: 255874

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.5	6.6	9.8
68	4.4	5.0	7.4#



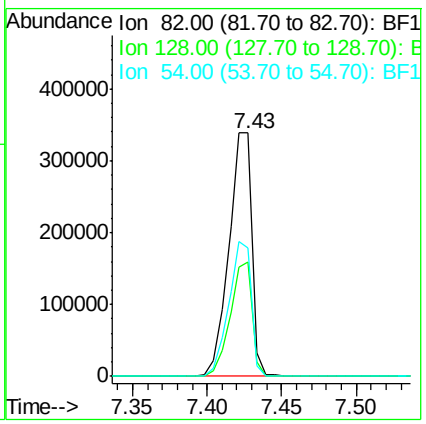


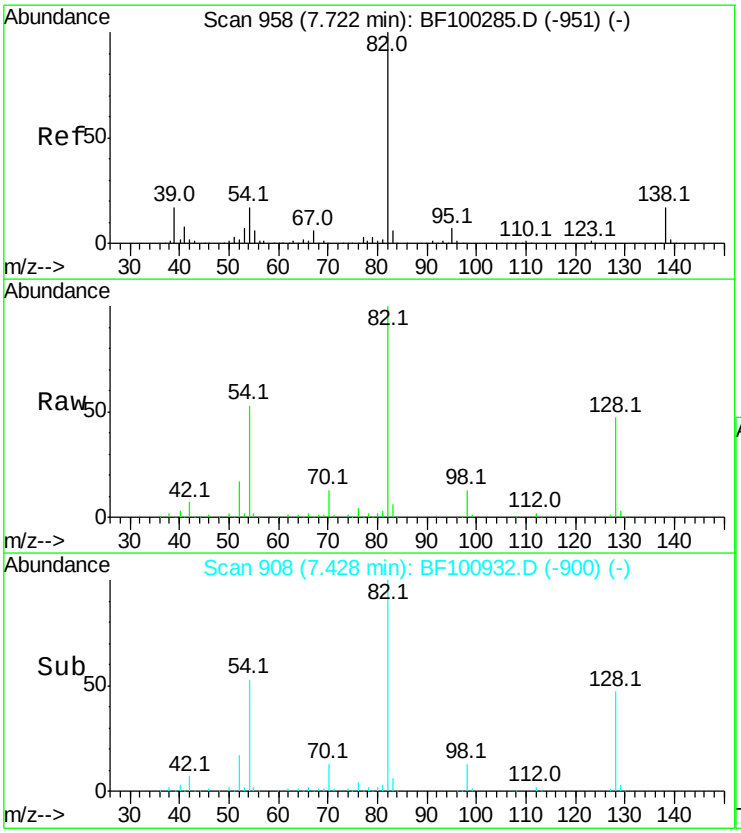
#23
Nitrobenzene-d5
Concen: 95.384 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 369158

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	52.7	41.4	62.2

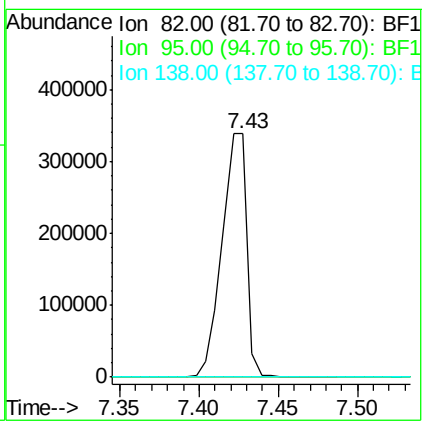


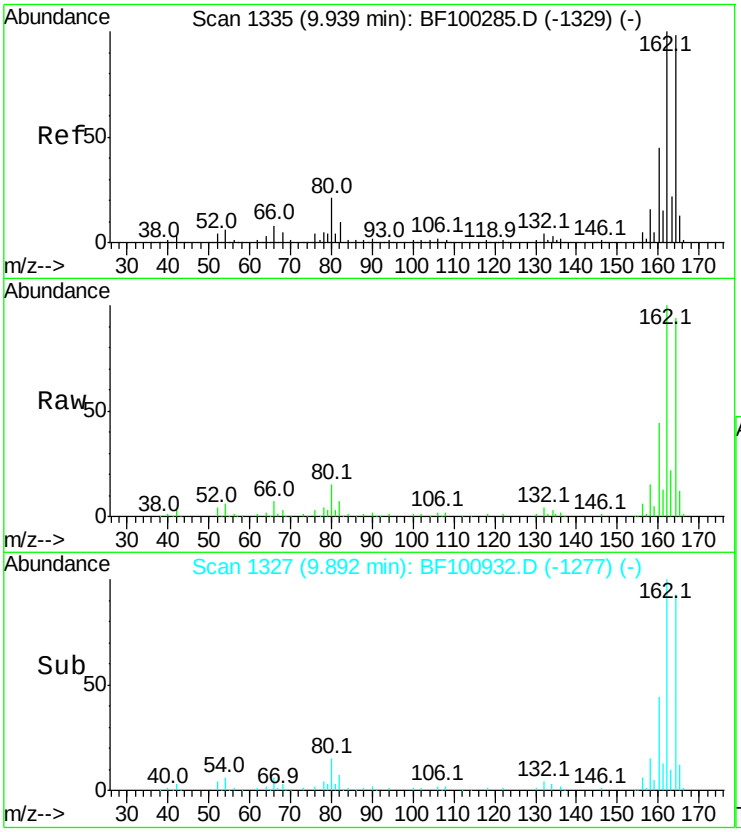


#25
Isophorone
Concen: 45.390 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion: 82 Resp: 369154

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



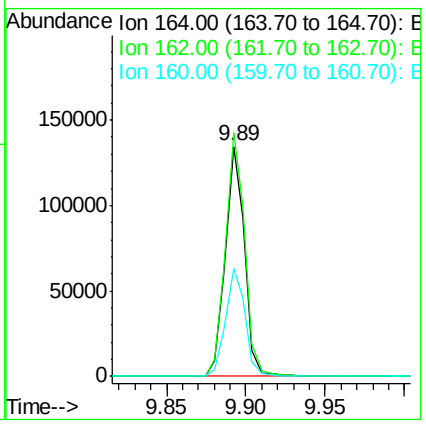


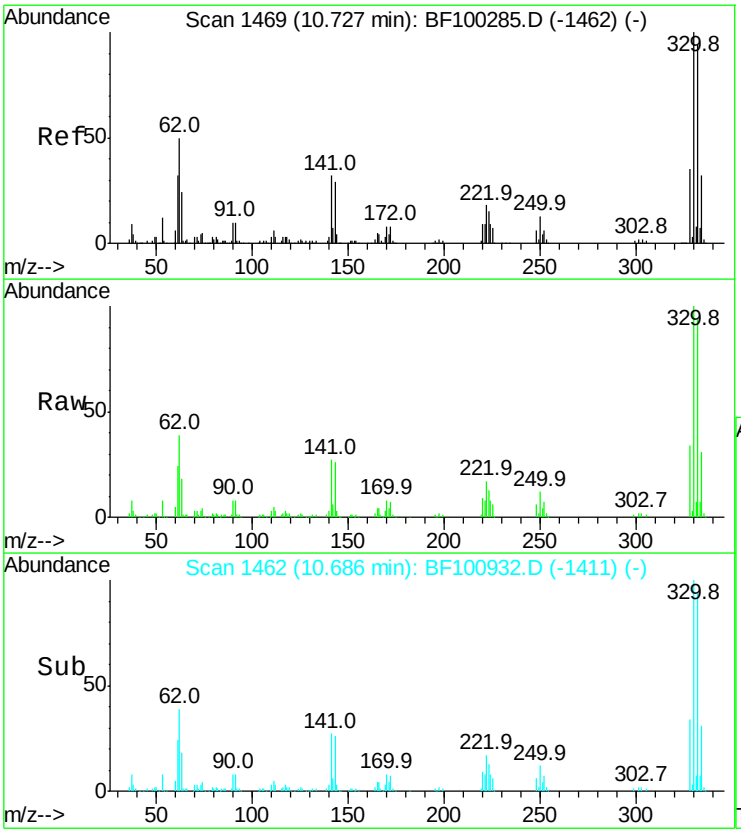
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 111971

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.8	38.3	57.5

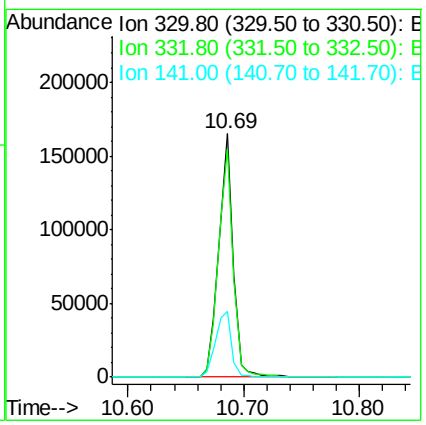


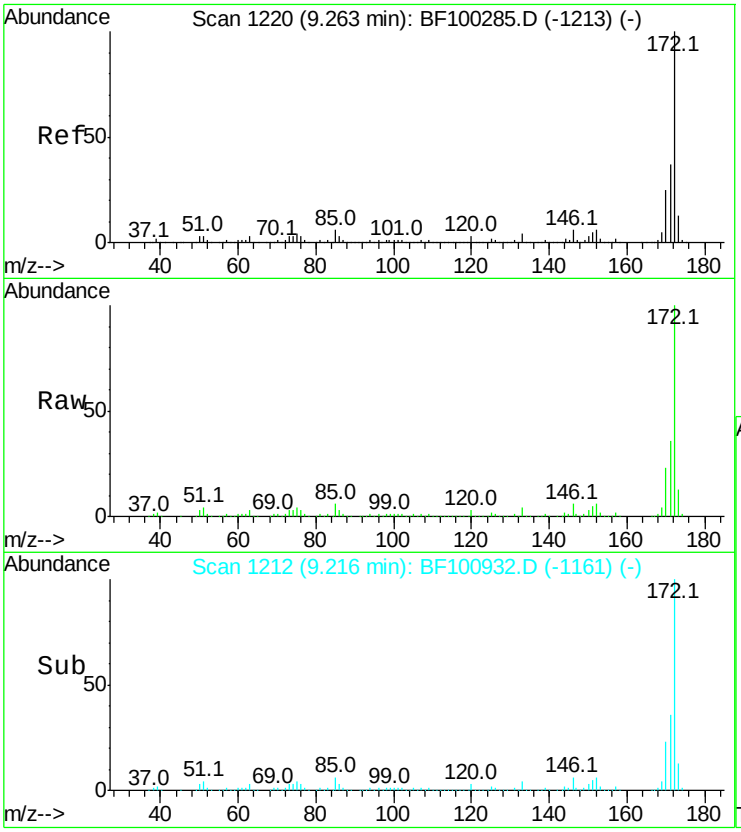


#41
2,4,6-Tribromophenol
Concen: 126.400 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:330 Resp: 144220

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.8	29.9	44.9#



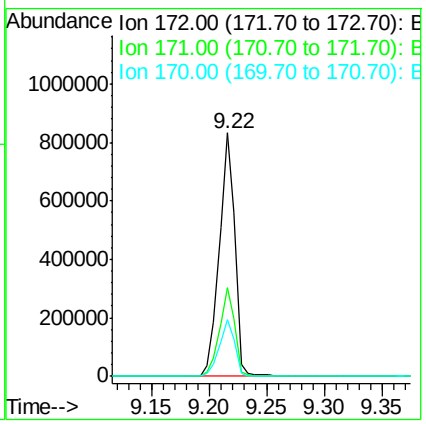


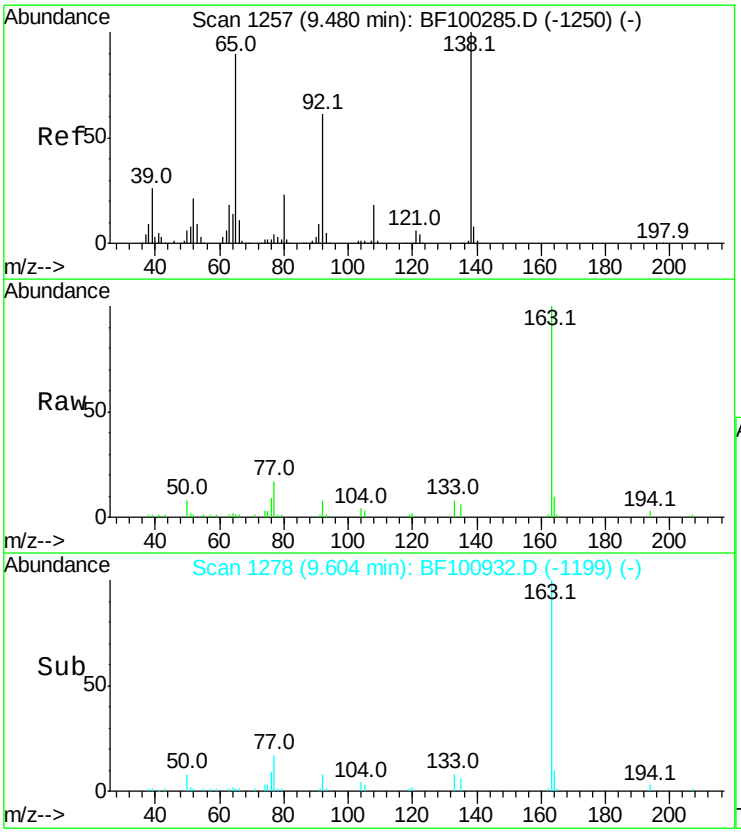
#44
2-Fluorobiphenyl
Concen: 106.147 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 780538

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.2	19.6	29.4

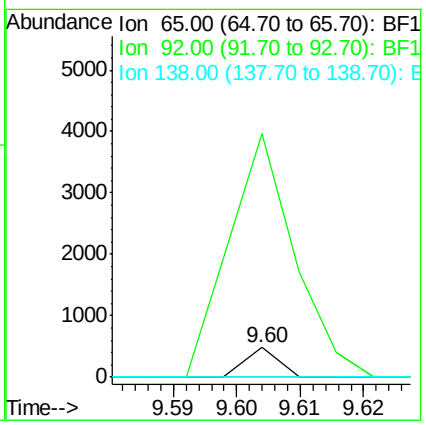


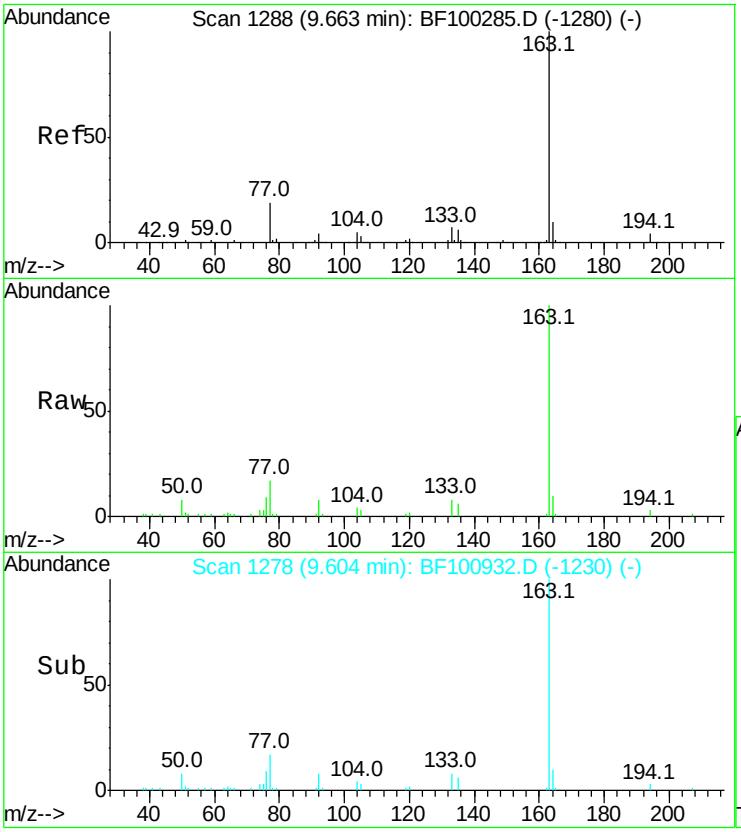


#47
2-Nitroaniline
Concen: 2.861 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion: 65 Resp: 170

Ion	Ratio	Lower	Upper
65	100		
92	821.1	55.8	83.6#
138	0.0	91.2	136.8#



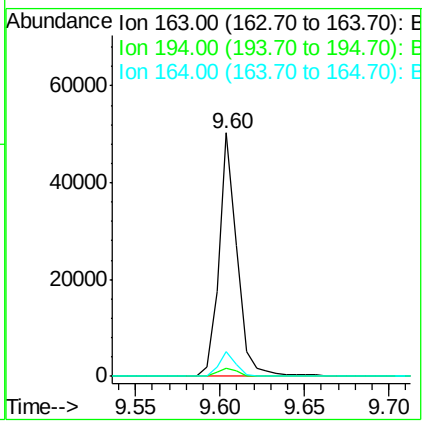


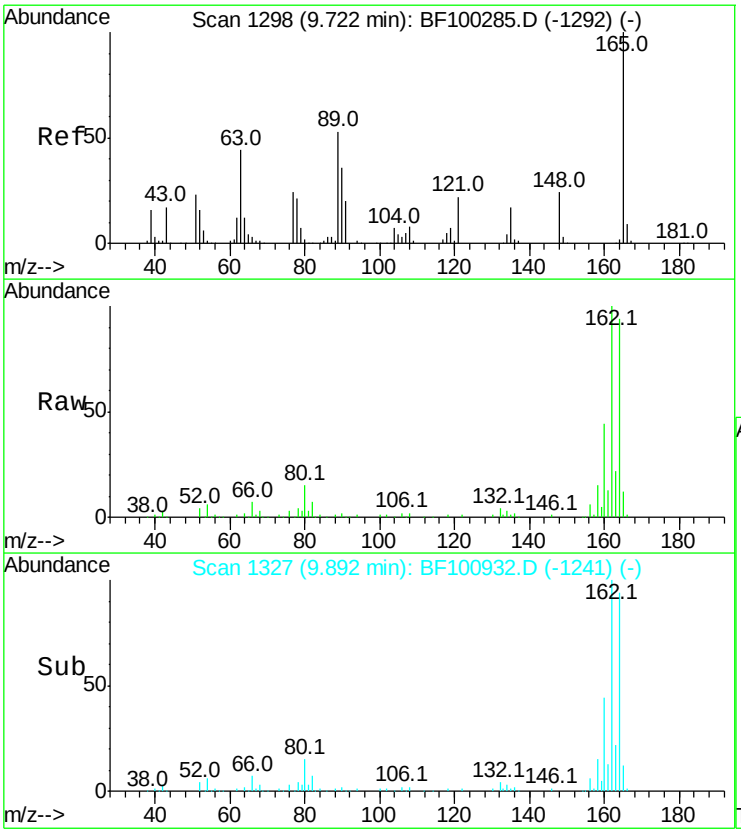
#49
Dimethylphthalate
Concen: 4.411 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 37711

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

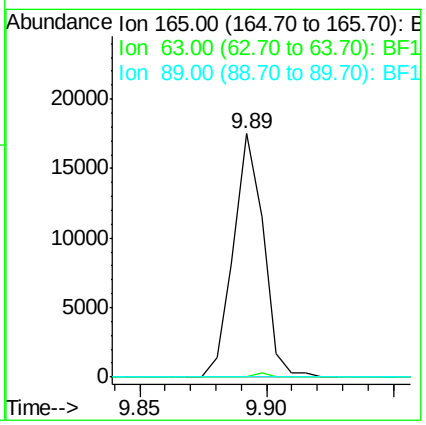


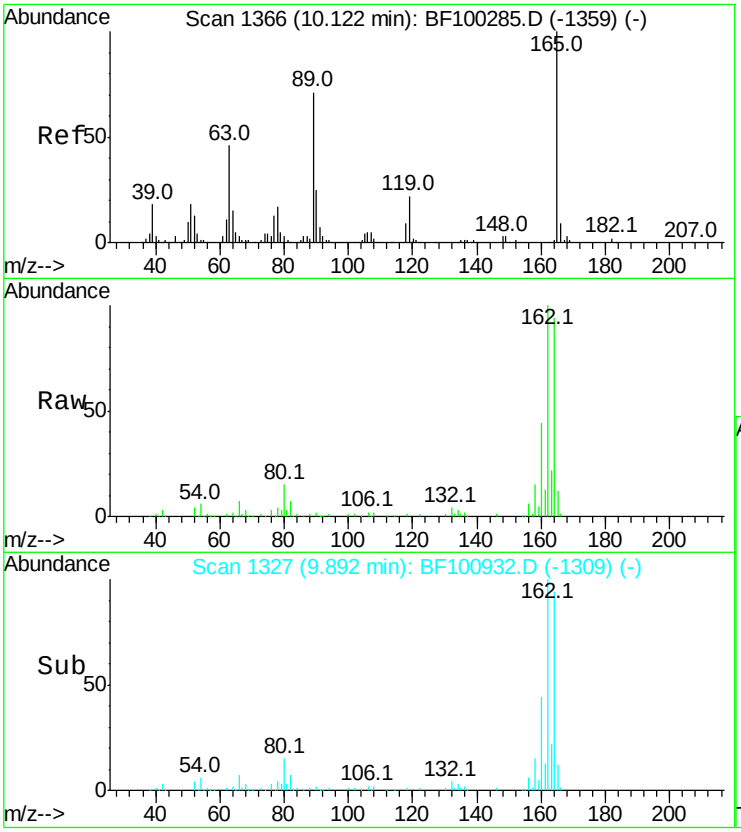


#50
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:165 Resp: 14446

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



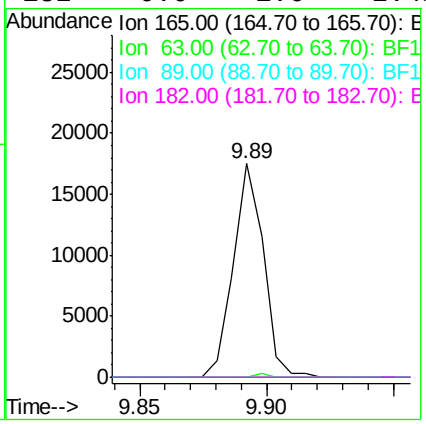


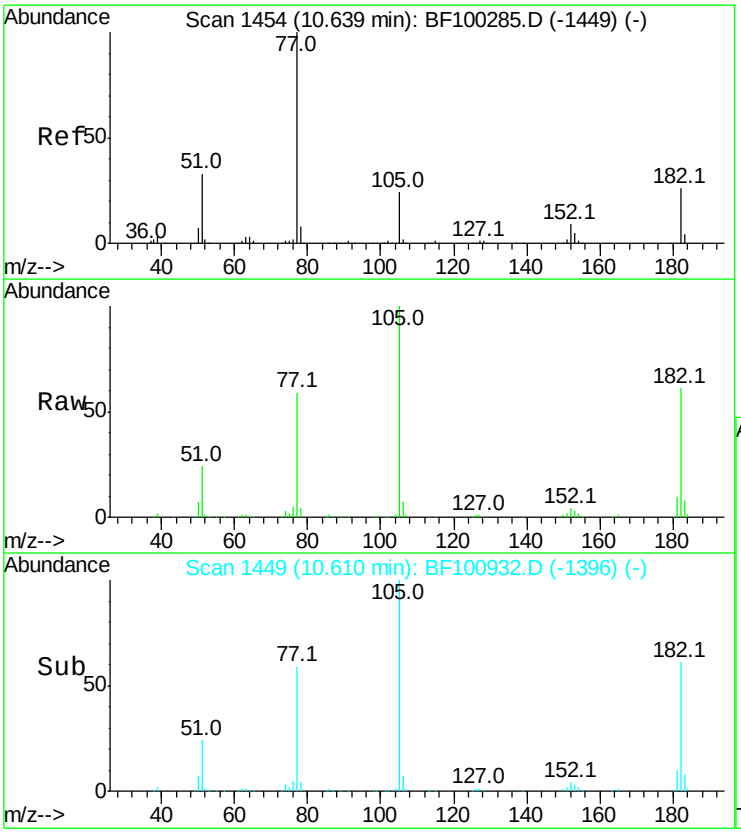
#56
2,4-Dinitrotoluene
Concen: 6.767 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14446

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#

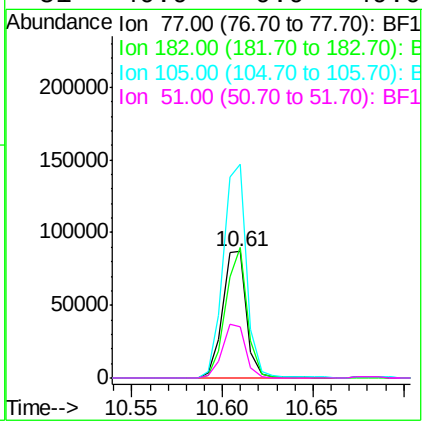


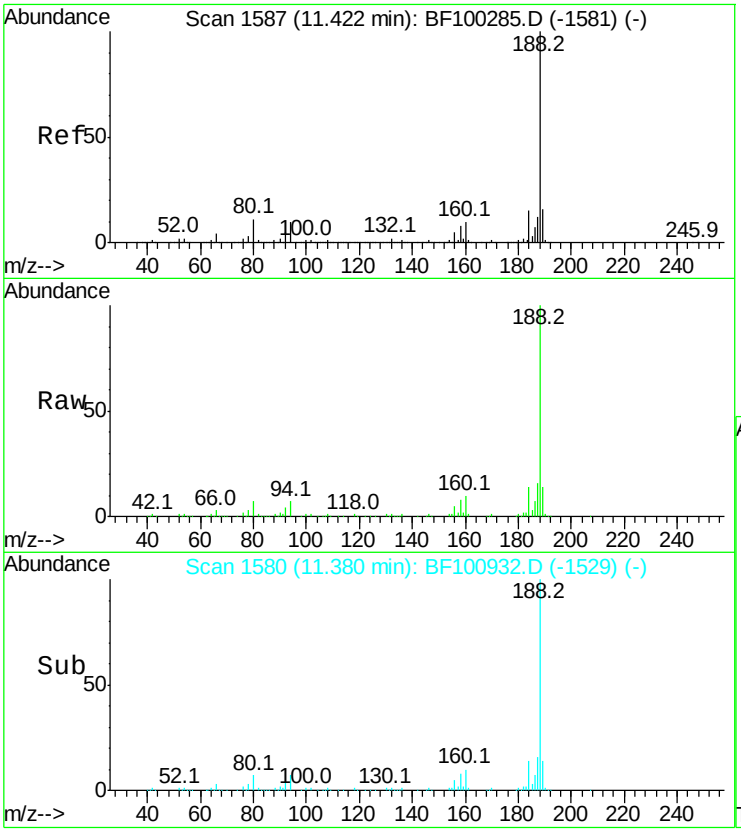


#62
Azobenzene
Concen: 9.906 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion: 77 Resp: 79824

Ion	Ratio	Lower	Upper
77	100		
182	103.6	1.7	41.7#
105	169.3	3.0	43.0#
51	40.9	9.9	49.9



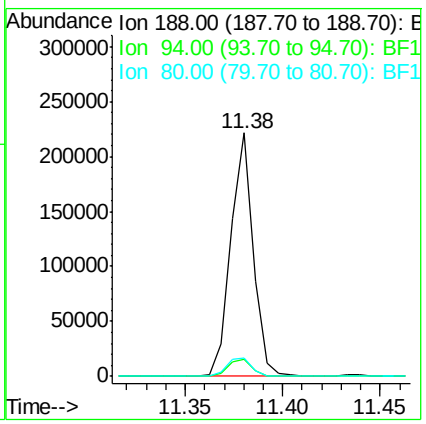


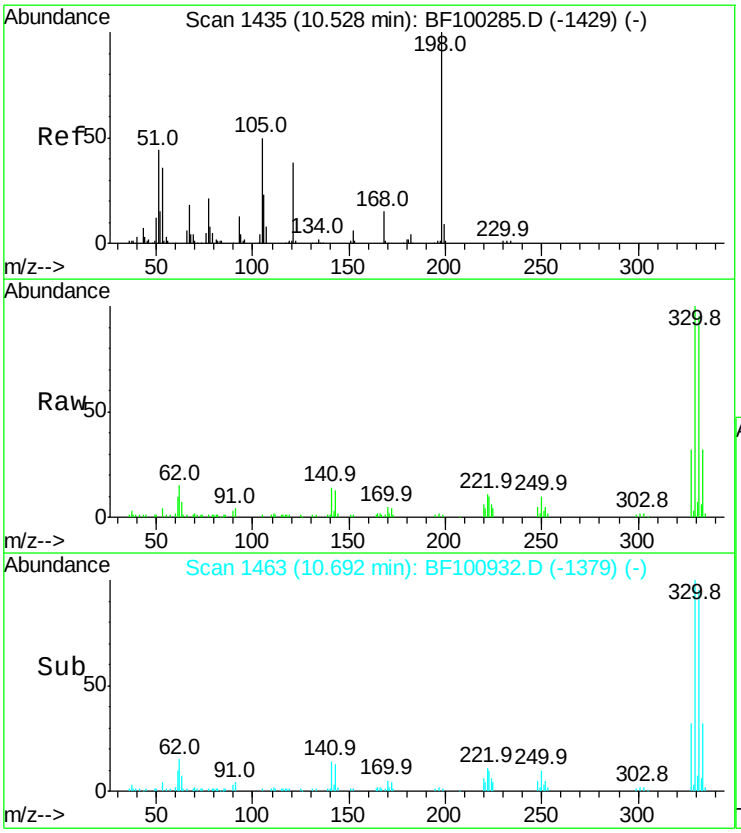
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 177044

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.5	12.7#
80	7.4	9.2	13.8#

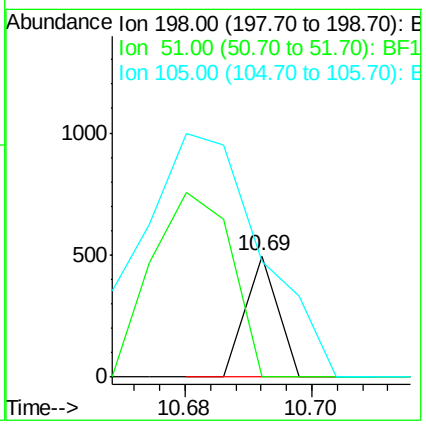


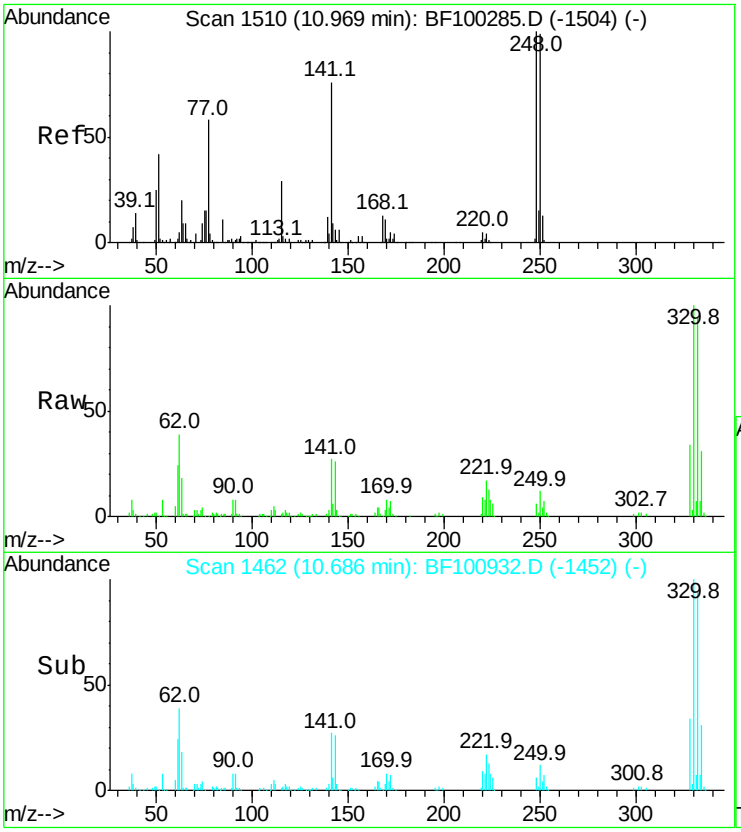


#64
4,6-Dinitro-2-methylphenol
Concen: 8.731 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.19 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:198 Resp: 175

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	95.0	36.3	76.3#



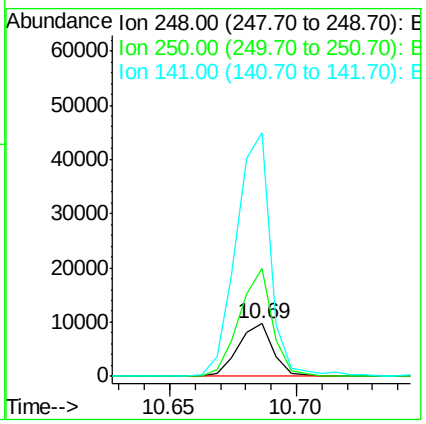


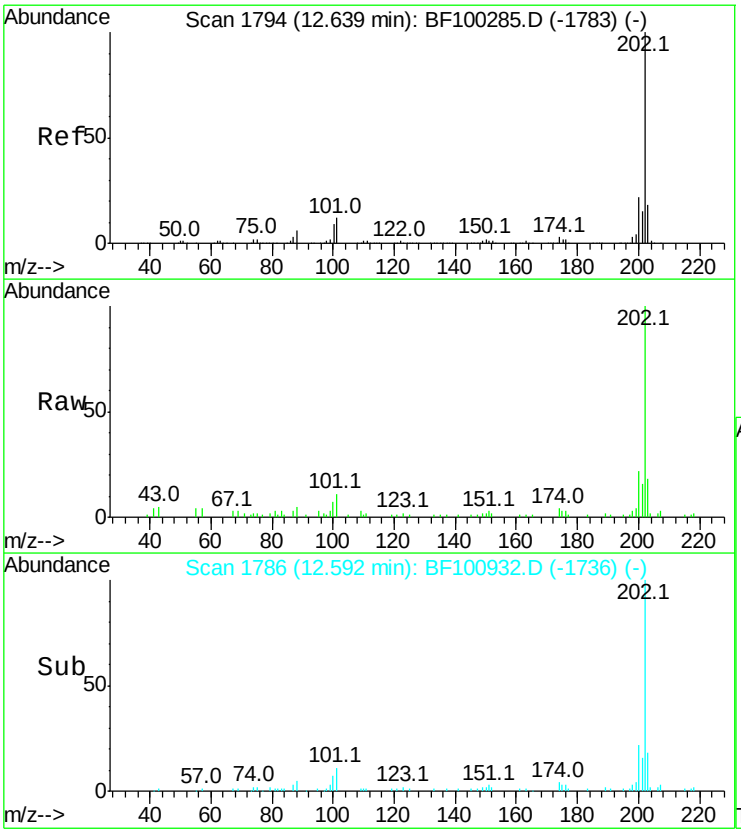
#66
4-Bromophenyl-phenylether
Concen: 4.837 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9181

Ion	Ratio	Lower	Upper
248	100		
250	205.8	76.9	115.3#
141	462.4	74.4	111.6#

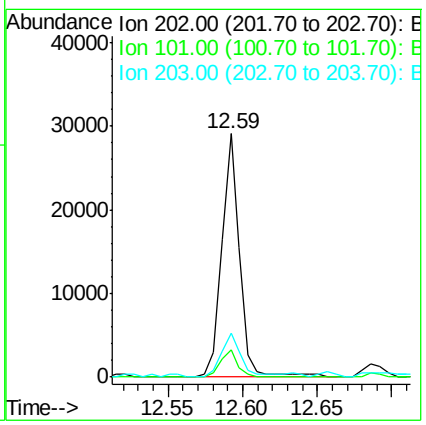


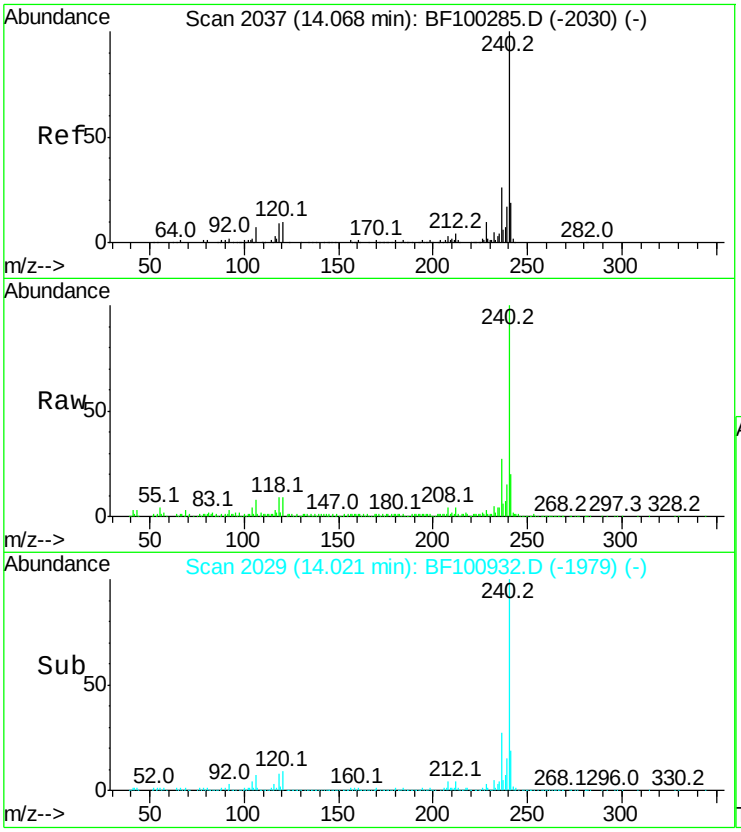


#74
Fluoranthene
Concen: 2.512 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:202 Resp: 24818

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.8	0.0	38.1



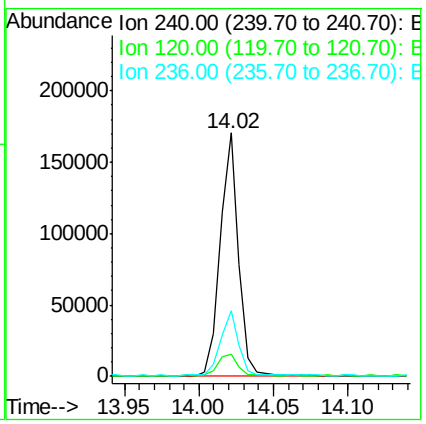


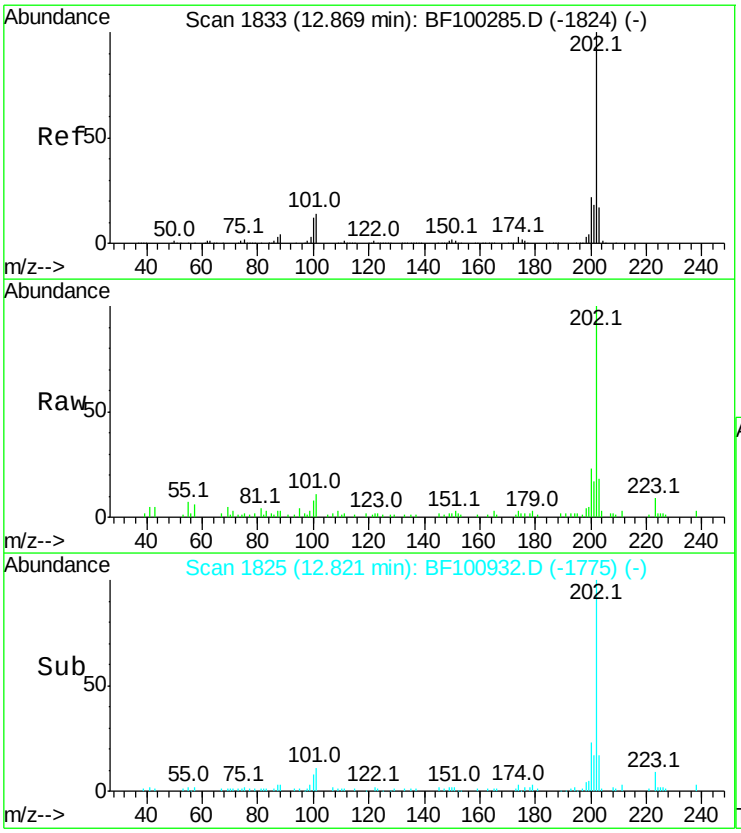
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 146006

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.9	20.7	31.1

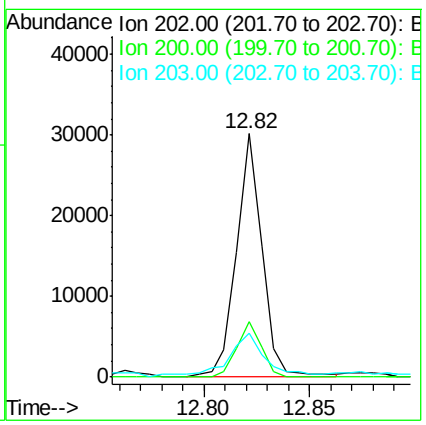


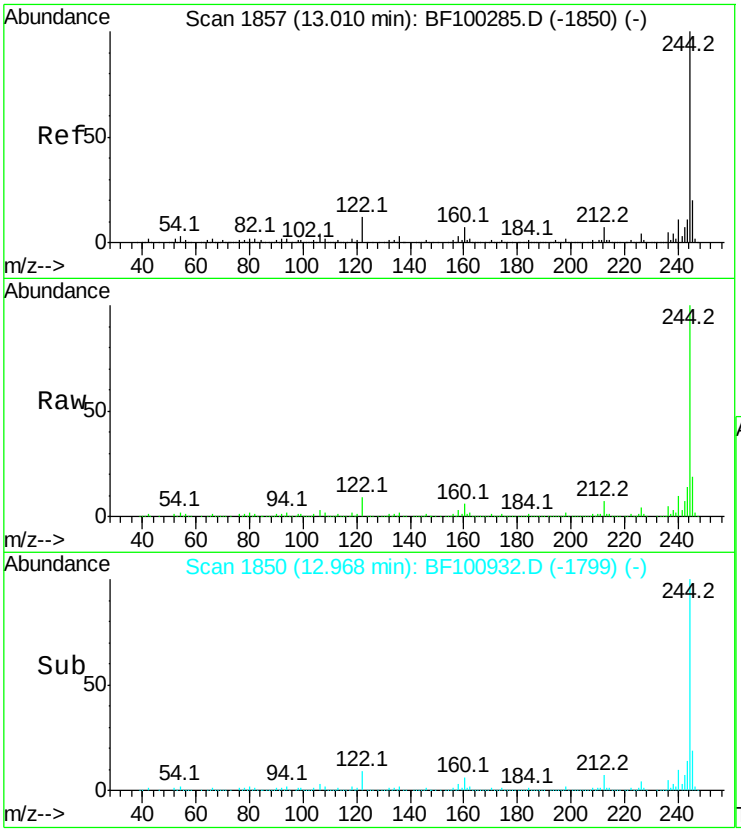


#77
Pyrene
Concen: 2.445 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:202 Resp: 25450

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.1	14.3	21.5



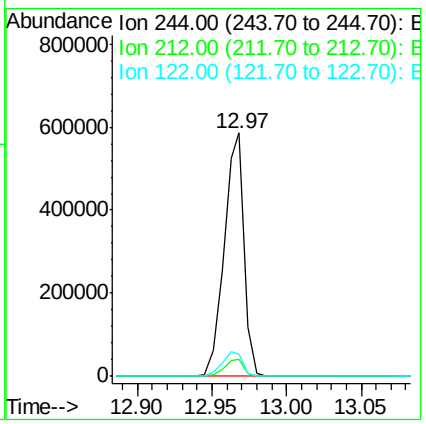


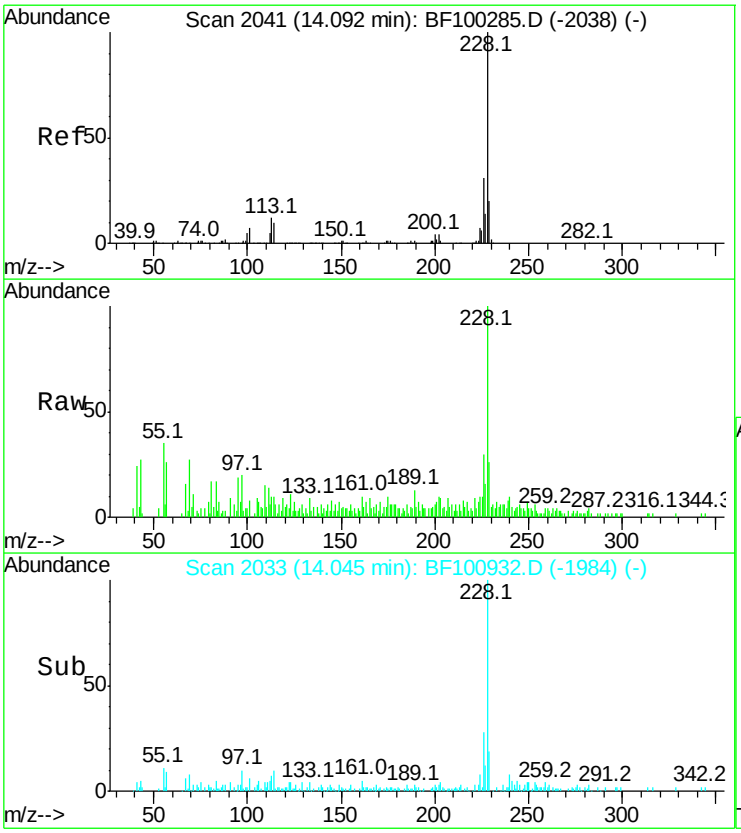
#78
Terphenyl-d14
Concen: 86.988 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 552758

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.0	11.0	16.4#

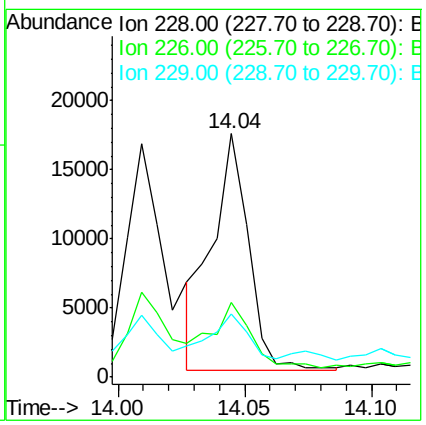


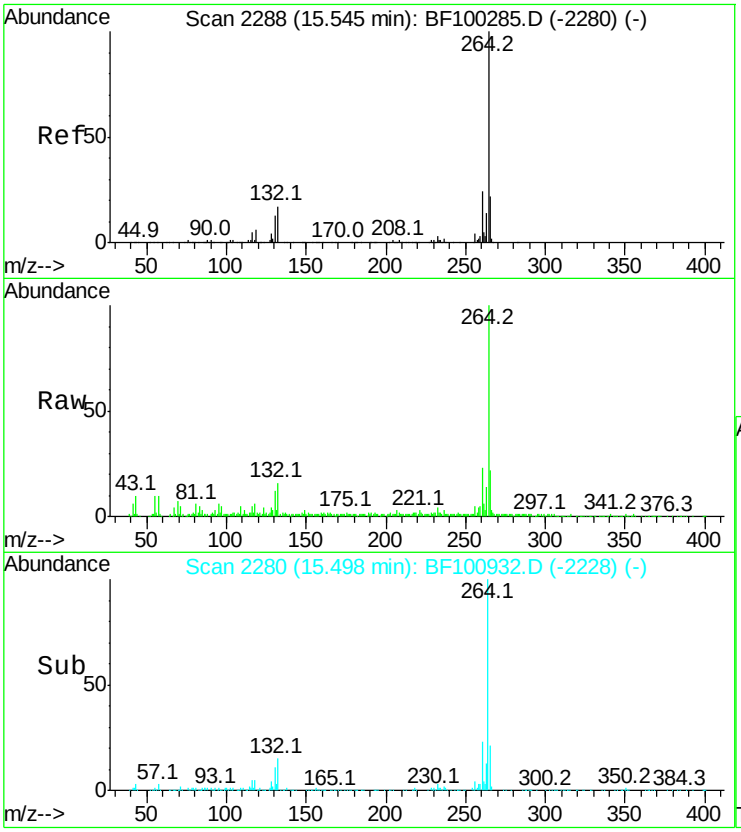


#82
Chrysene
Concen: 2.017 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:228 Resp: 17170

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	26.0	16.2	24.4#



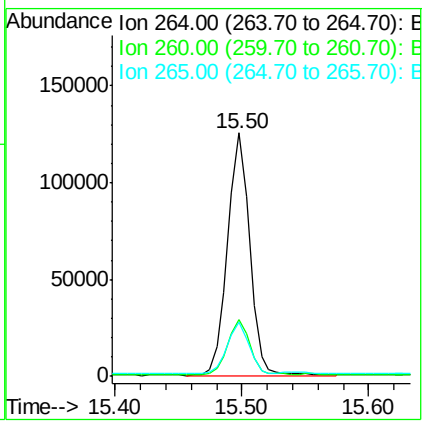


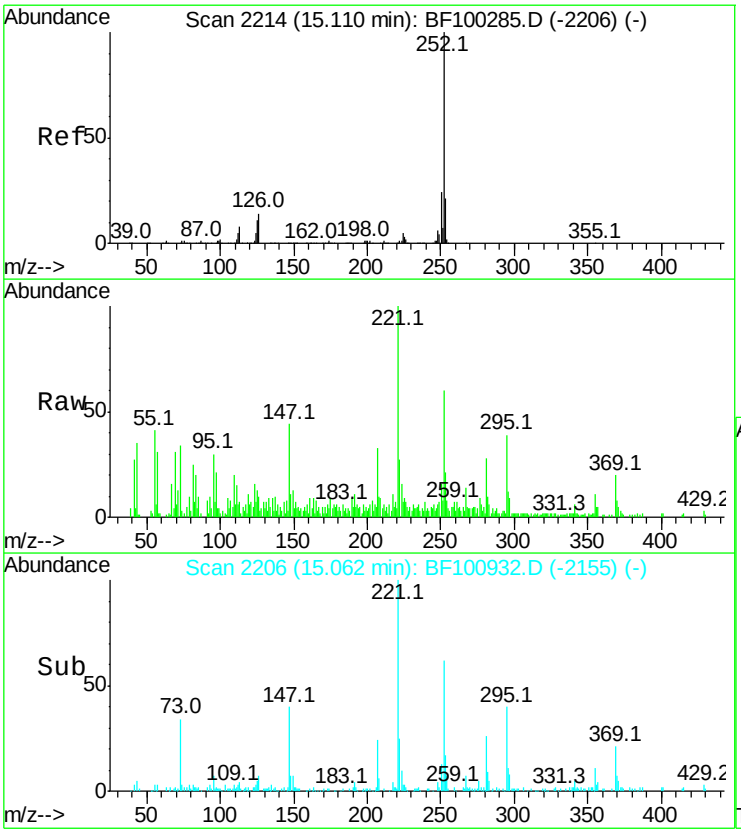
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 151195

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

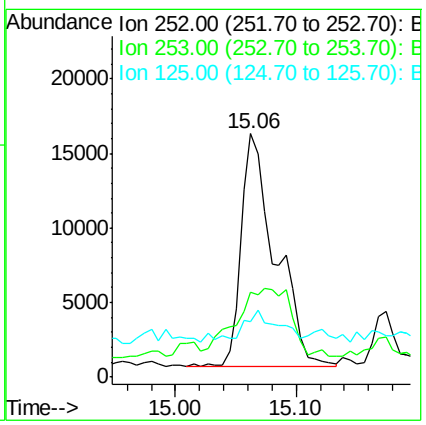


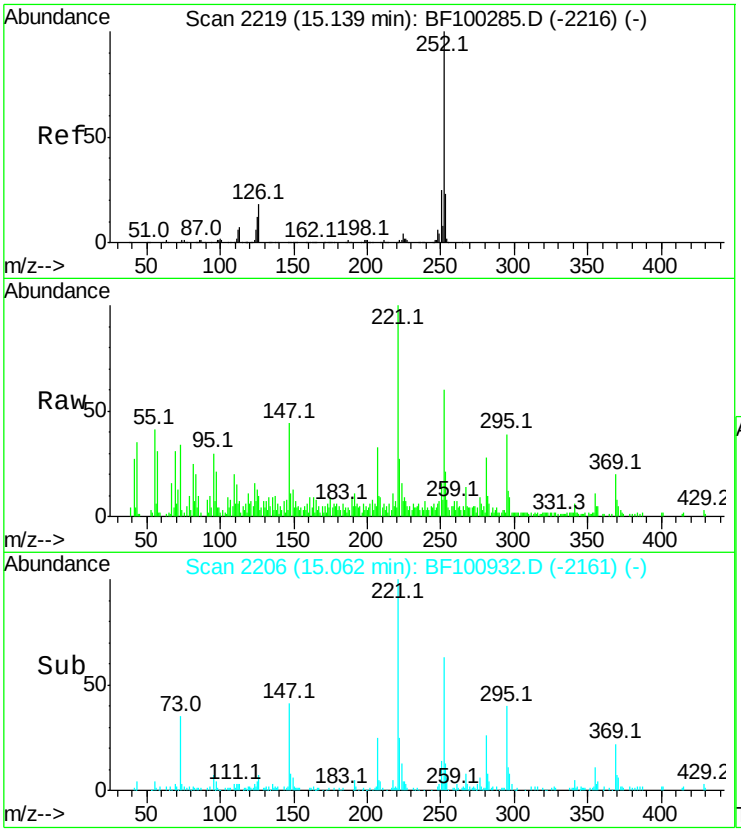


#87
Benzo(b)fluoranthene
Concen: 3.489 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:252 Resp: 31255

Ion	Ratio	Lower	Upper
252	100		
253	34.9	17.0	25.6#
125	22.5	9.0	13.6#



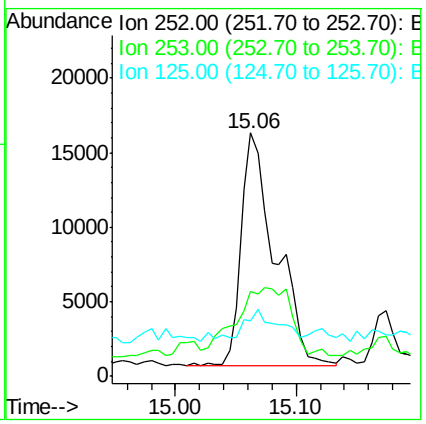


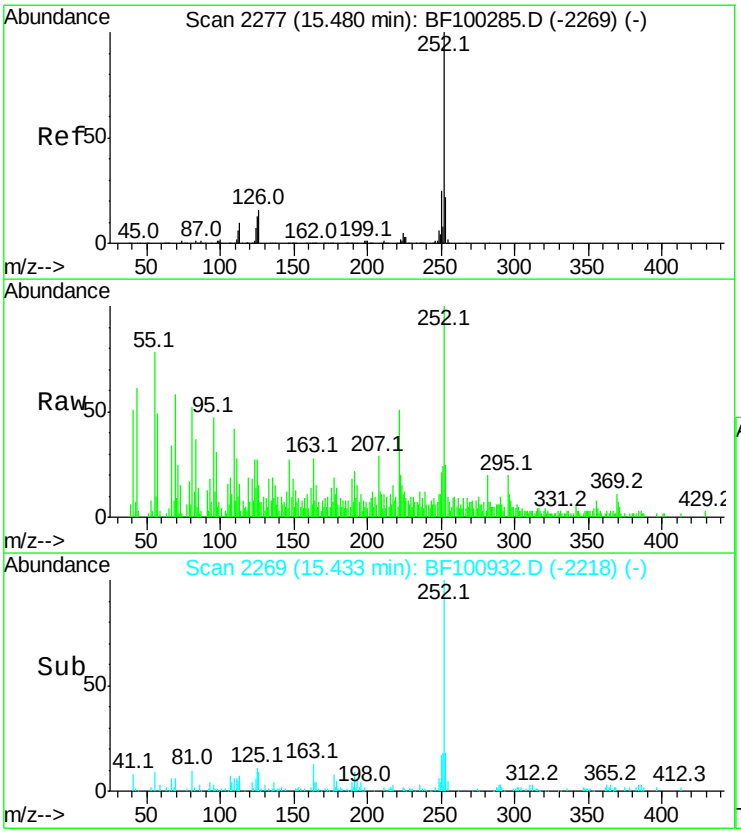
#88
Benzo(k)fluoranthene
Concen: 3.693 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 31255

Ion	Ratio	Lower	Upper
252	100		
253	34.9	17.9	26.9#
125	22.5	10.2	15.2#

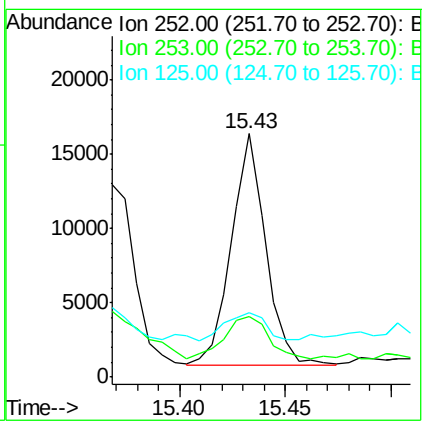


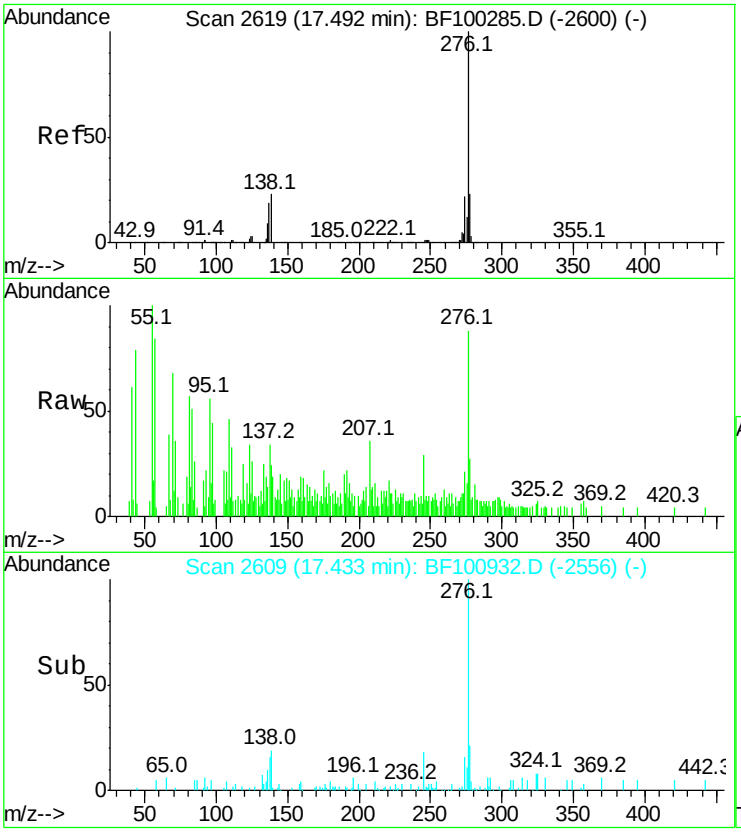


#89
Benzo(a)pyrene
Concen: 2.202 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Tgt Ion:252 Resp: 17488

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	26.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.389 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF100932.D
Acq: 28 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 15190

Ion	Ratio	Lower	Upper
276	100		
277	31.0	17.9	26.9#
138	26.9	21.8	32.8