Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100825.D
Acq On : 22 Nov 2017 14:39
Operator : SJ/JU
Sample : I6305-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 17:27:56 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	76611	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	291567	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	126992	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	214790	20.00	ng		0.00
75) Chrysene-d12	14.04	240	190023	20.00	ng		0.00
86) Perylene-d12	15.52	264	159053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	119068	24.91	ng		-0.01
7) Phenol-d6	6.49	99	141932	24.08	ng		-0.02
23) Nitrobenzene-d5	7.43	82	81752	18.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	32693	25.26	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	174487	20.92	ng		-0.01
78) Terphenyl-d14	12.97	244	140812	17.03	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	10034	2.455	ng	#	86
25) Isophorone	7.43	82	81765	8.823	ng	#	64
47) 2-Nitroaniline	9.22	65	108	2.827	ng	#	1
50) 2,6-Dinitrotoluene	9.91	165	16589	8.643	ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	16589	6.851	ng	#	23
70) Phenanthrene	11.42	178	87555	7.742	ng		96
71) Anthracene	11.47	178	32739	2.853	ng		99
74) Fluoranthene	12.61	202	186443	15.556	ng		95
77) Pyrene	12.84	202	160996	11.886	ng		98
80) Benzo(a)anthracene	14.03	228	93427	8.164	ng		98
82) Chrysene	14.06	228	78854	7.116	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	30357	3.387	ng	#	90
87) Benzo(b)fluoranthene	15.08	252	116426	12.355	ng		98
88) Benzo(k)fluoranthene	15.08	252	116426	13.077	ng		99
89) Benzo(a)pyrene	15.44	252	58549	7.009	ng	#	97
91) Benzo(g,h,i)perylene	17.44	276	25844	3.864	ng		93

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Nov 2017 14:39
Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 22 17:27:56 2017
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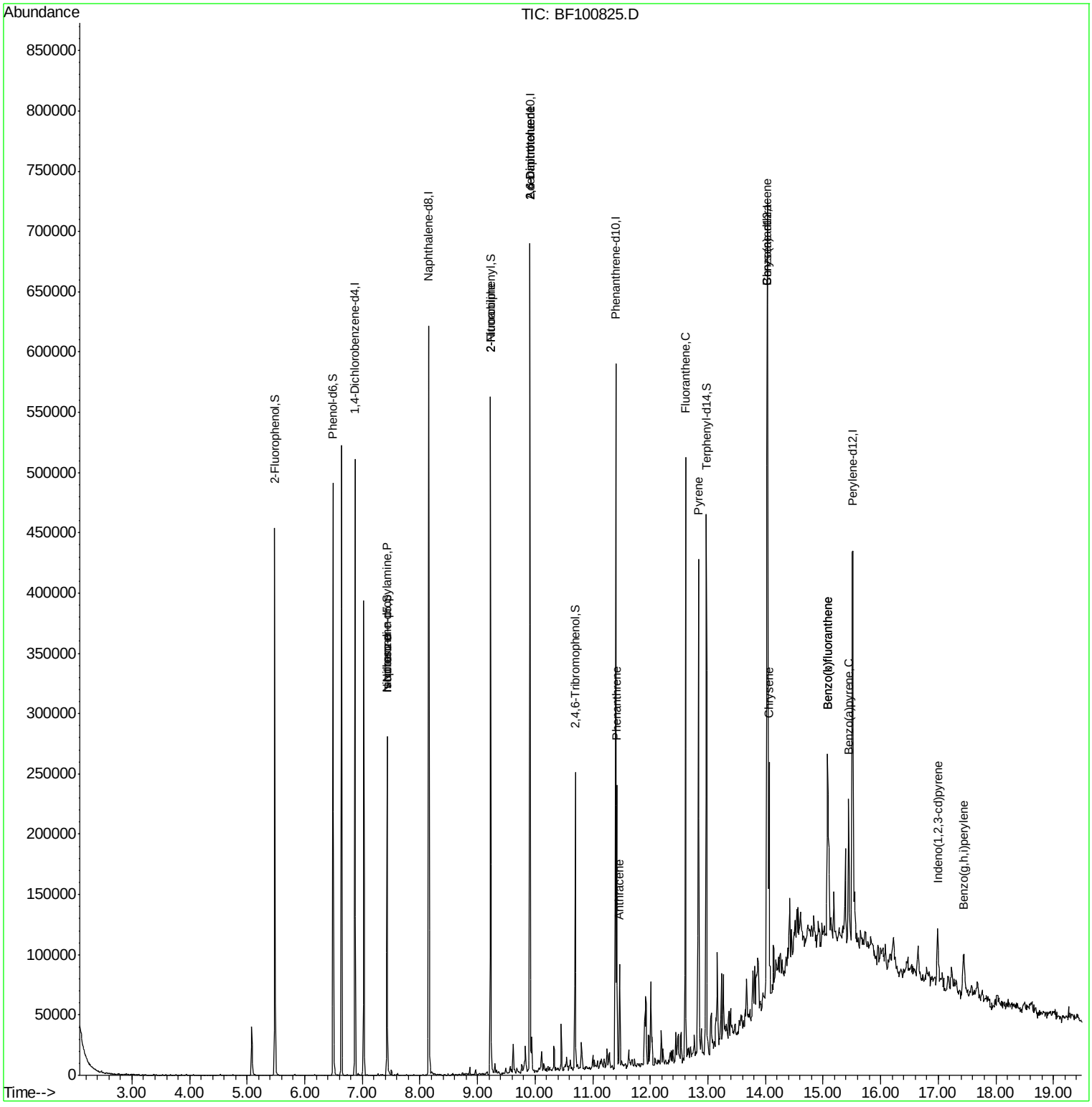
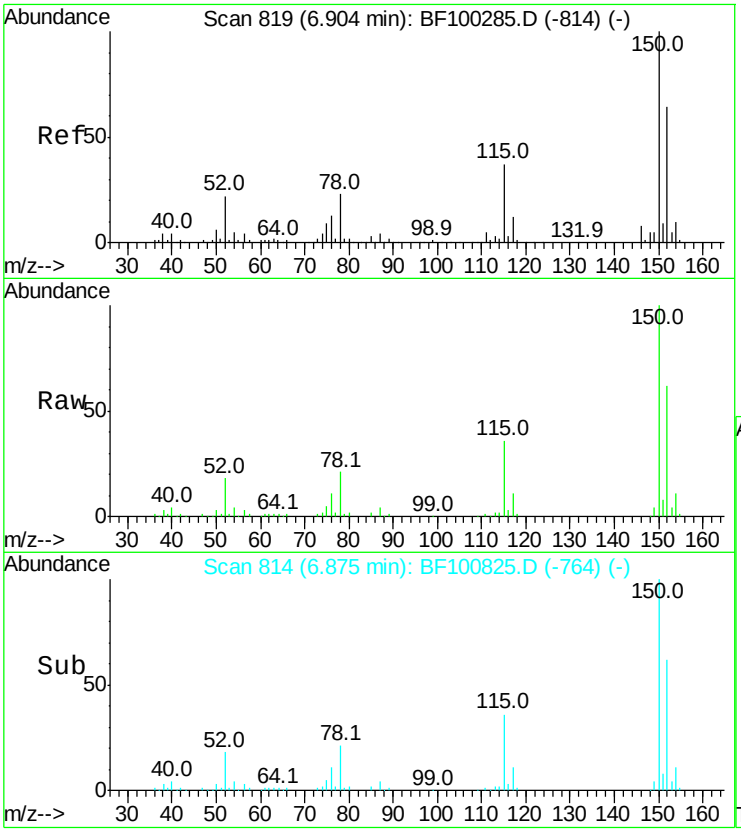


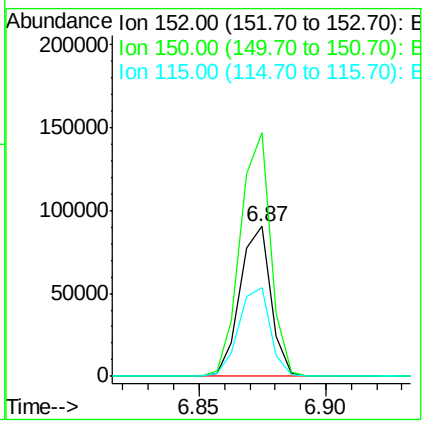


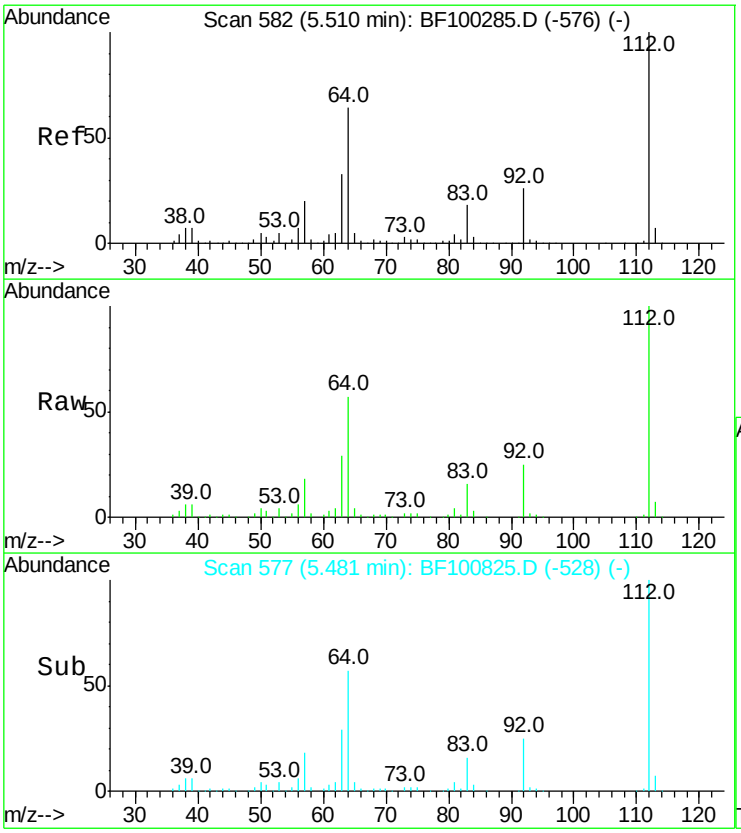
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76611

Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.6	186.8
115	58.7	50.1	75.1

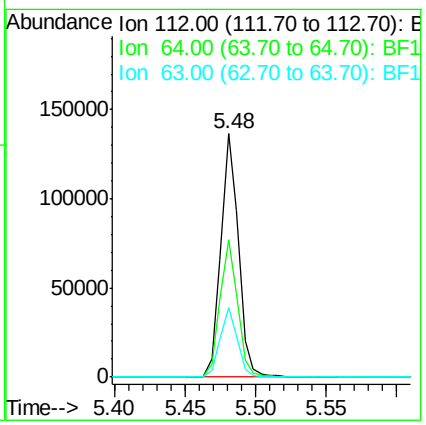


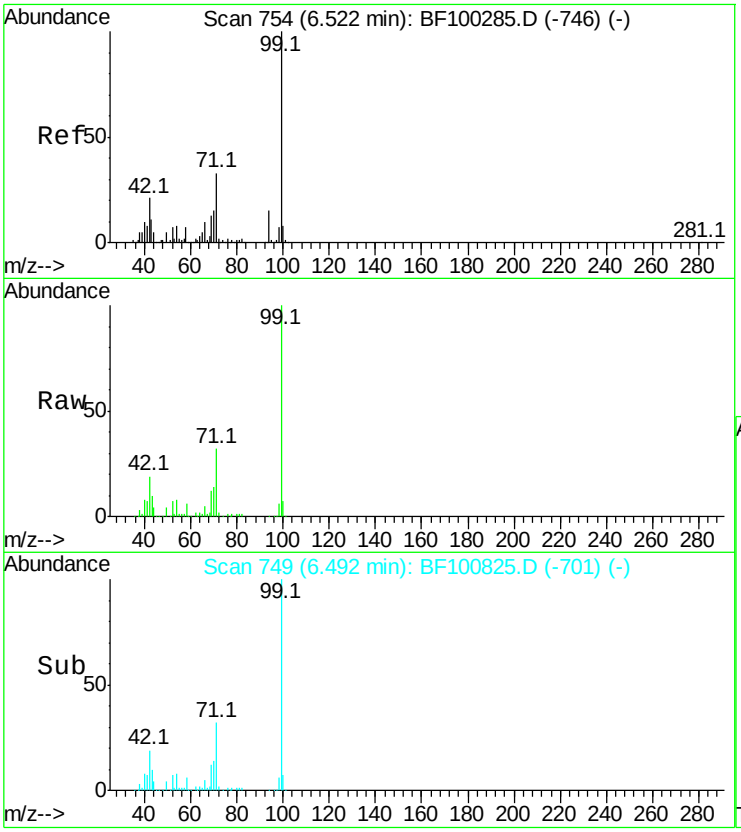


#5
2-Fluorophenol
Concen: 24.913 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:112 Resp: 119068

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.8	23.7	35.5



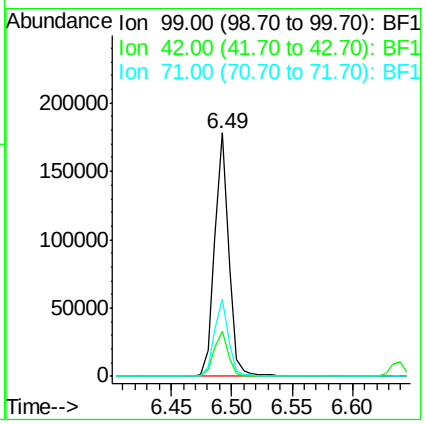


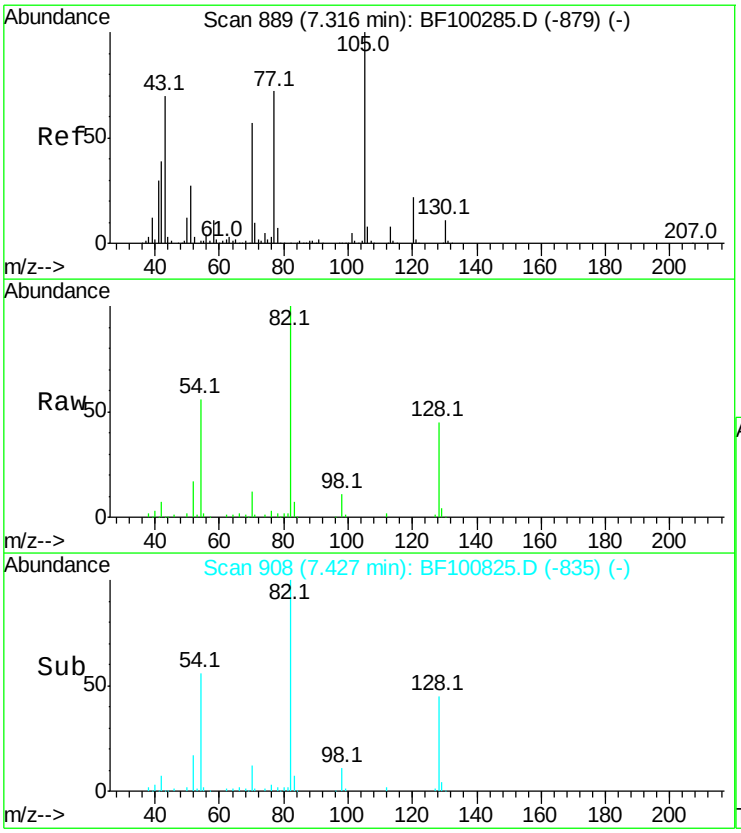
#7
Phenol-d6
Concen: 24.083 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 141932

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	31.9	25.4	38.0

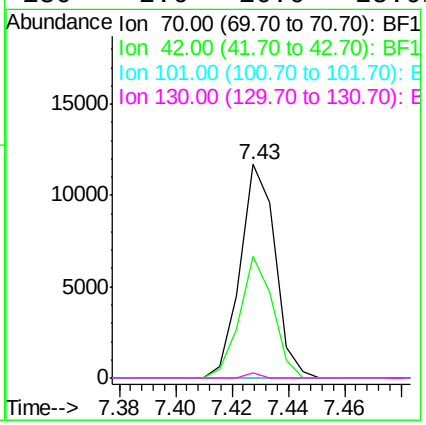


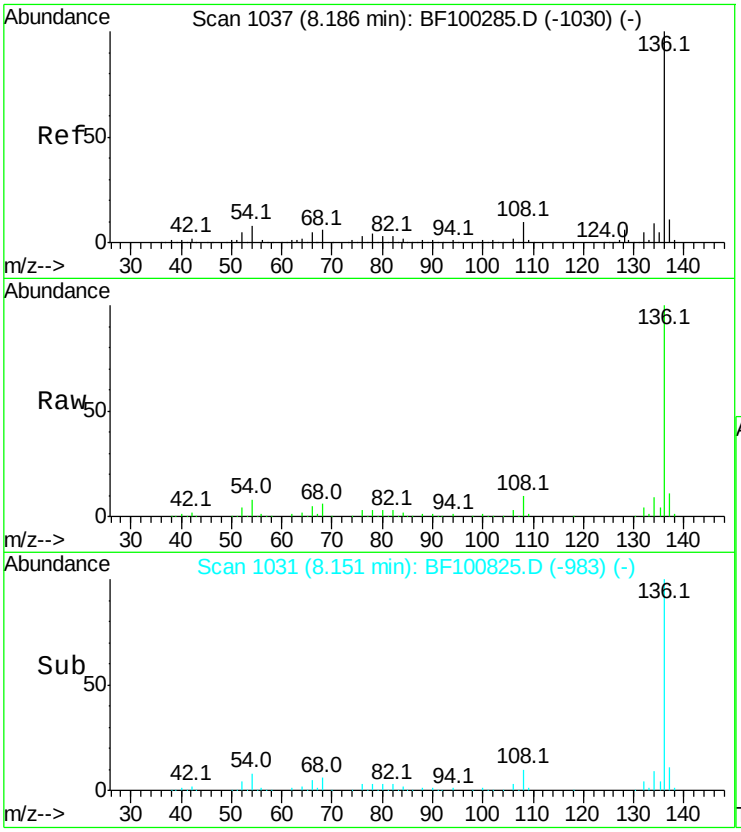


#19
n-Nitroso-di-n-propylamine
Concen: 2.455 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.13 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion: 70 Resp: 10034

Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



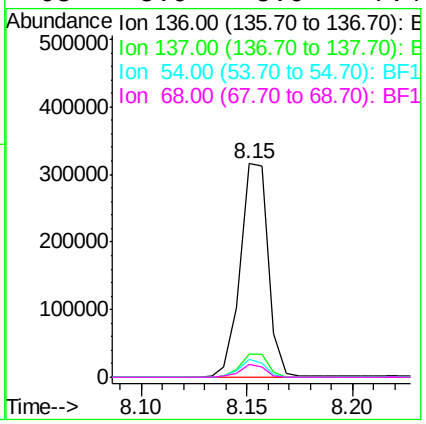


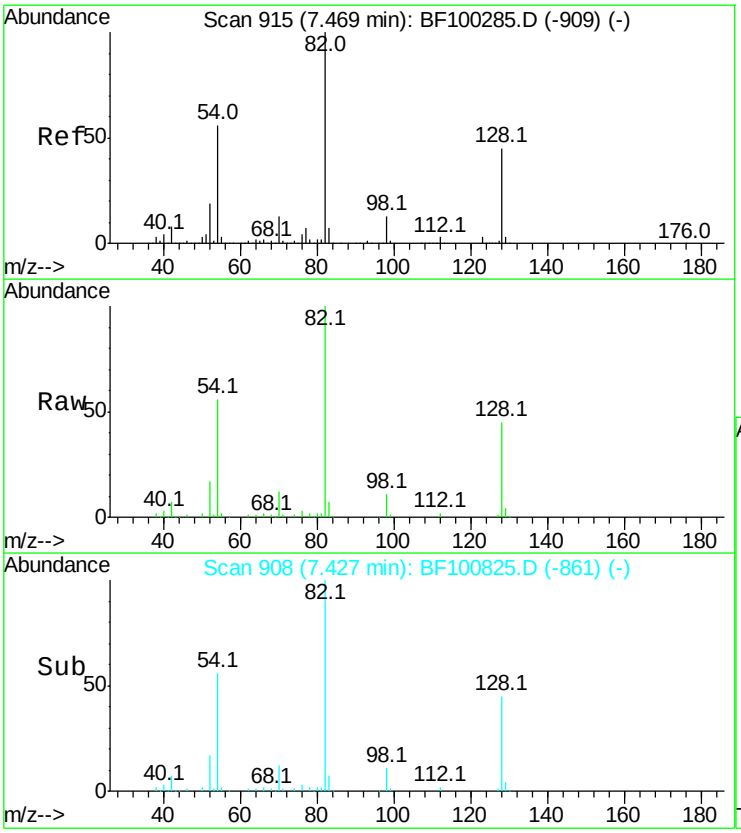
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 291567

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4

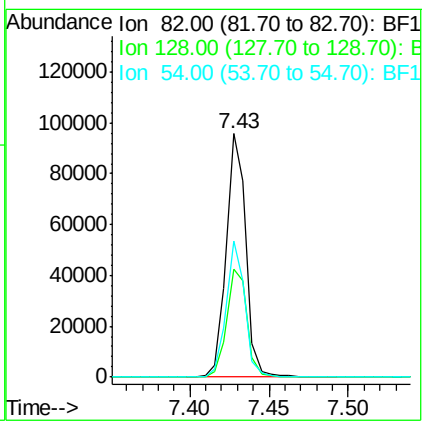


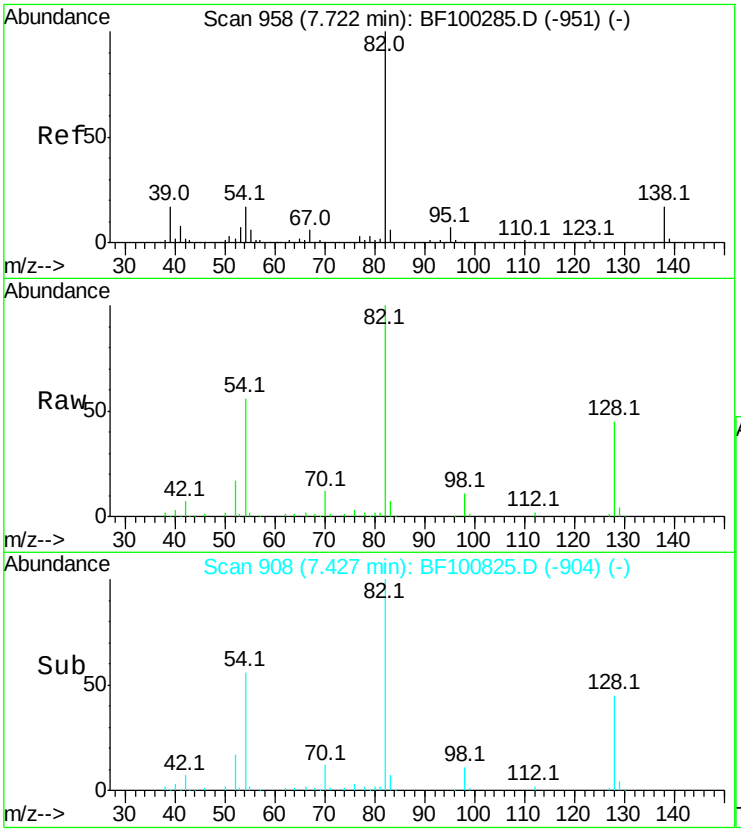


#23
Nitrobenzene-d5
Concen: 18.537 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion: 82 Resp: 81752

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	55.7	41.4	62.2

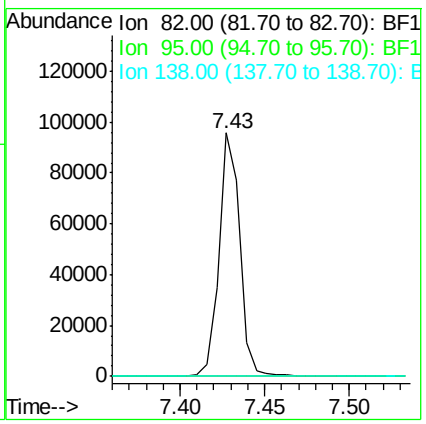




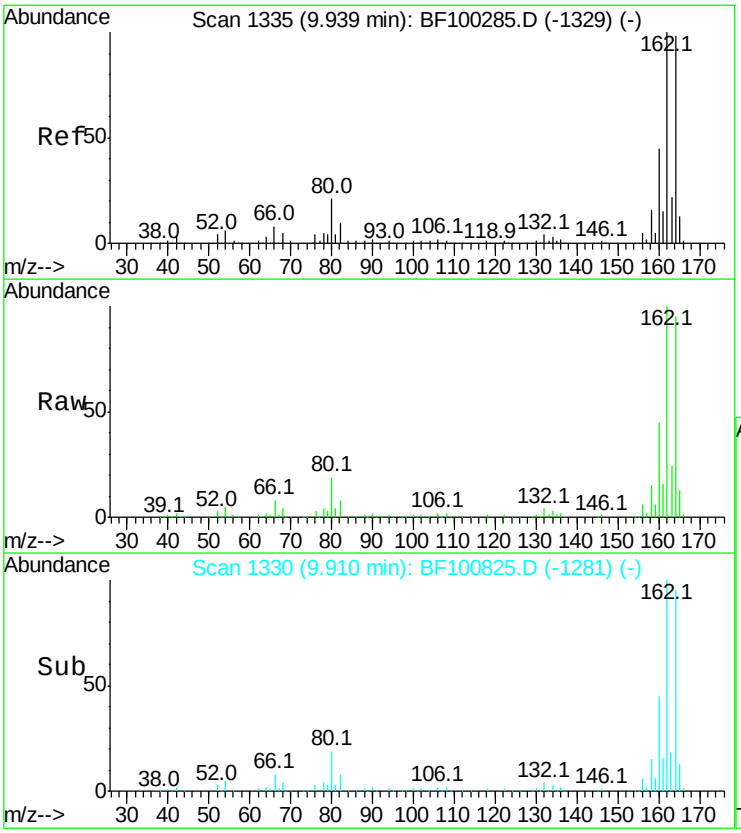
#25
Isophorone
Concen: 8.823 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.28 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion: 82 Resp: 81765

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



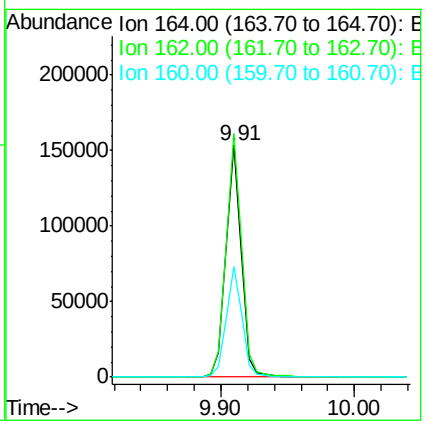
Instrument :
BNA_F
ClientSampleId :

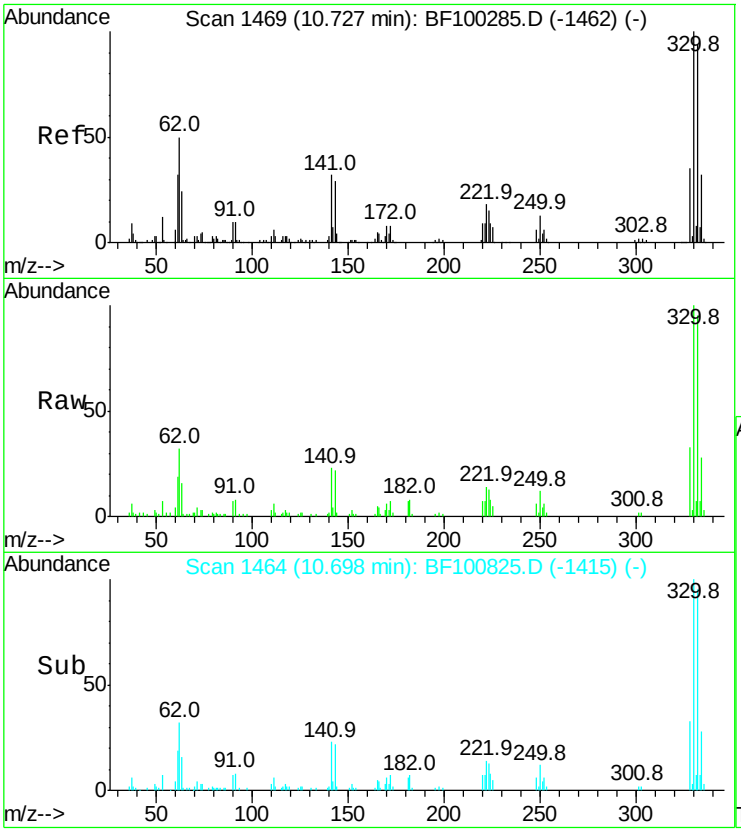


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:164 Resp: 126992

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.8	38.3	57.5



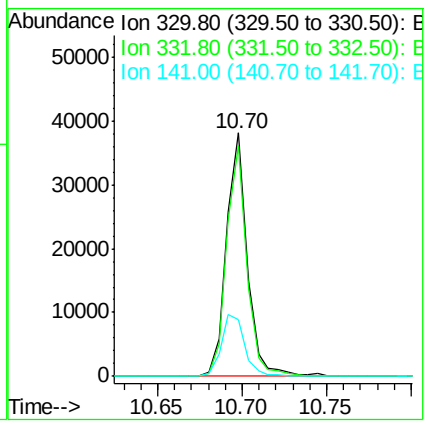


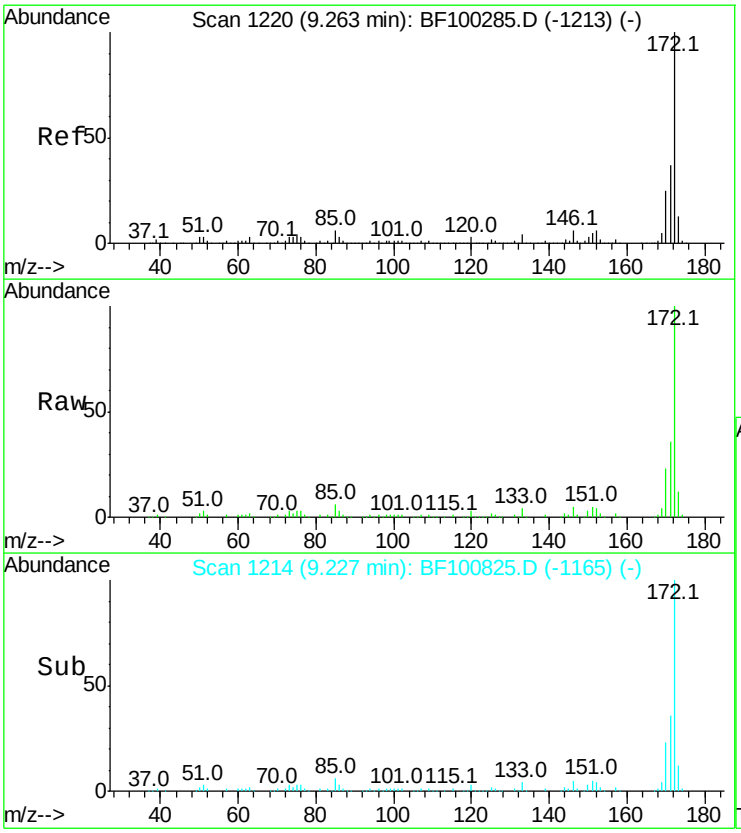
#41
2,4,6-Tribromophenol
Concen: 25.264 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32693

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	28.8	29.9	44.9#

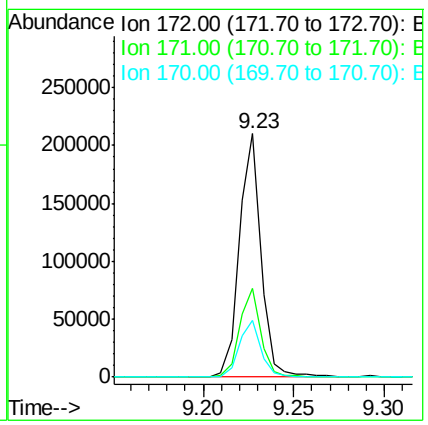


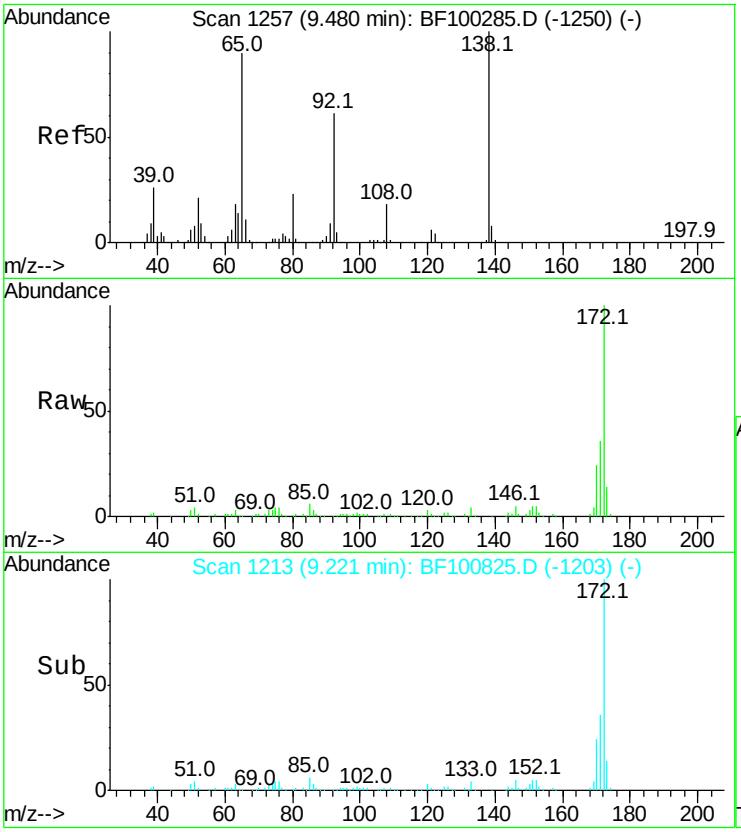


#44
2-Fluorobiphenyl
Concen: 20.922 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:172 Resp: 174487

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.3	19.6	29.4



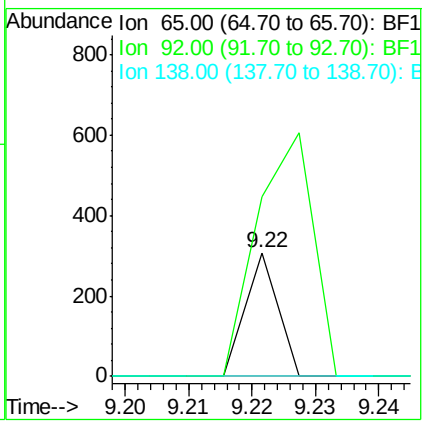


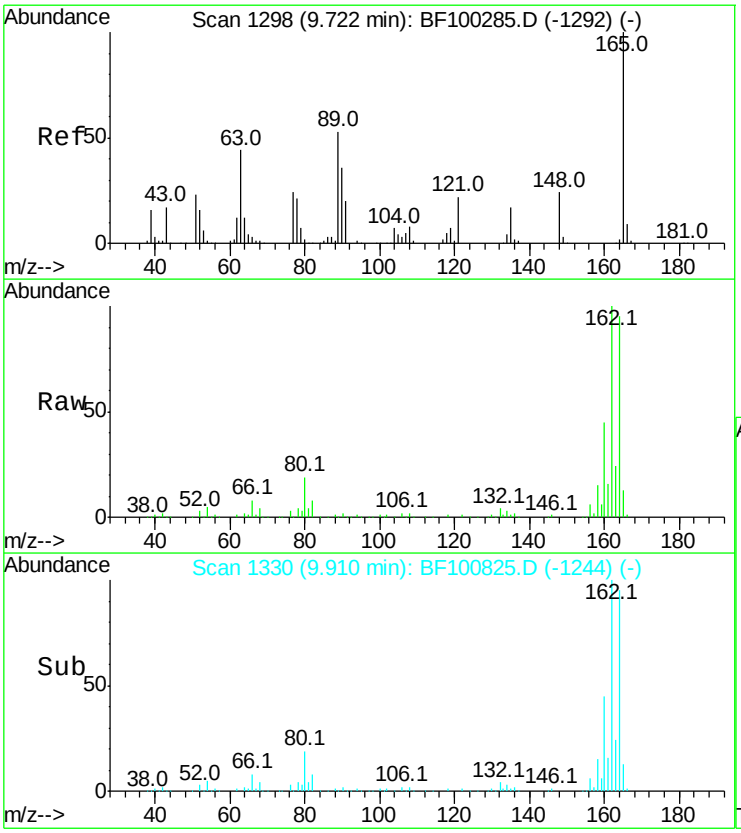
#47
2-Nitroaniline
Concen: 2.827 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.24 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 108

Ion	Ratio	Lower	Upper
65	100		
92	145.9	55.8	83.6#
138	0.0	91.2	136.8#

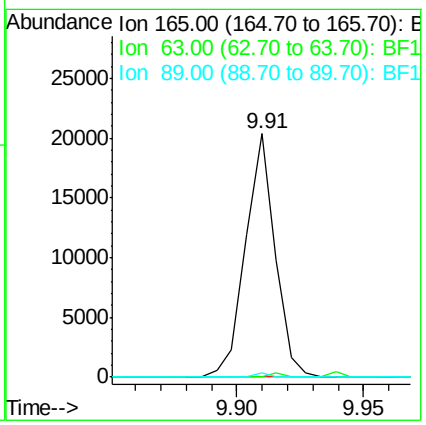


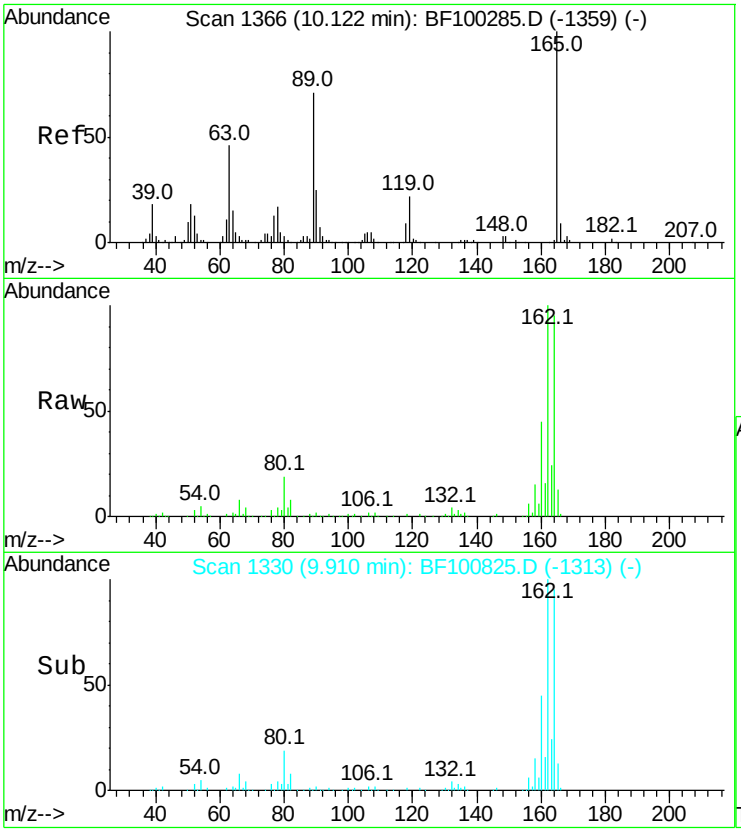


#50
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:165 Resp: 16589

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



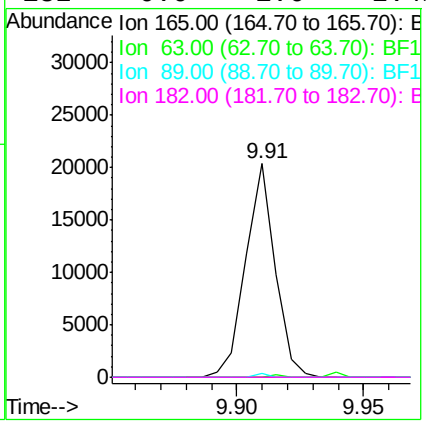


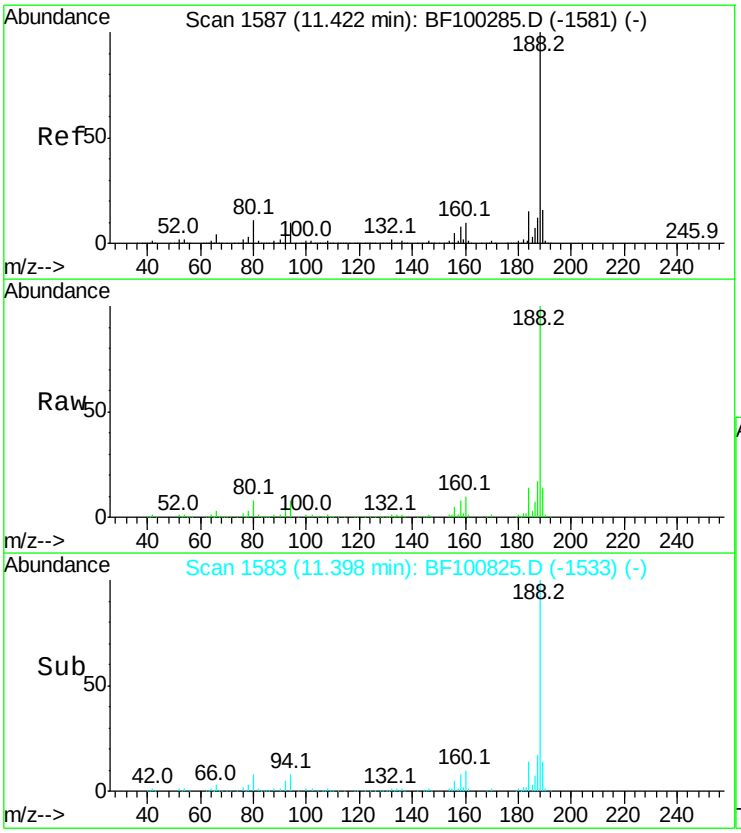
#56
2,4-Dinitrotoluene
Concen: 6.851 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16589

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

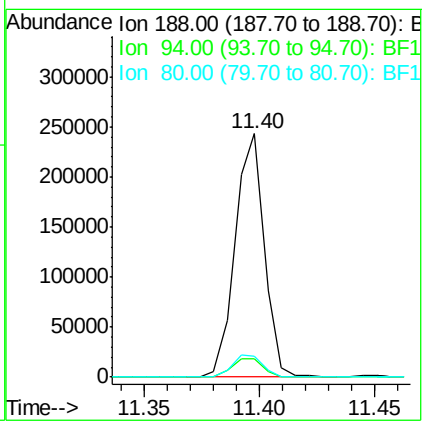


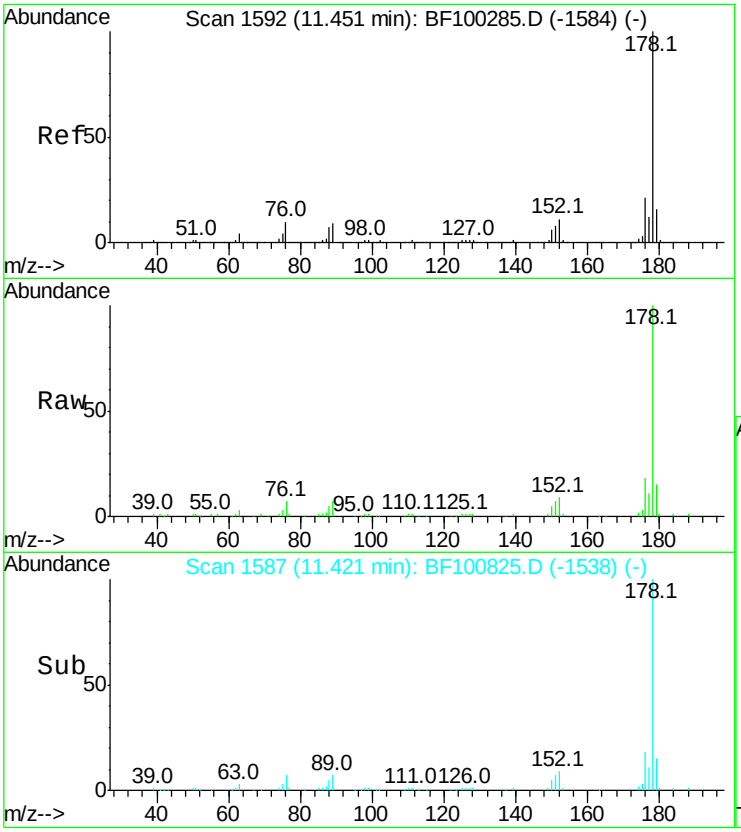


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:188 Resp: 214790

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.4	9.2	13.8#



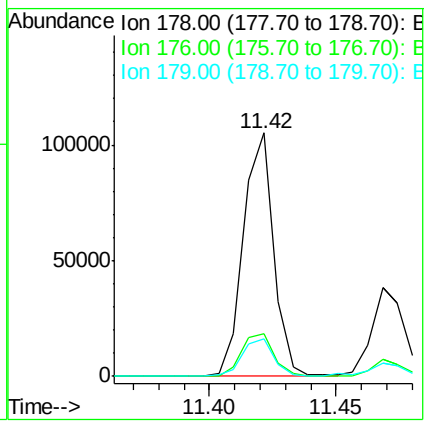


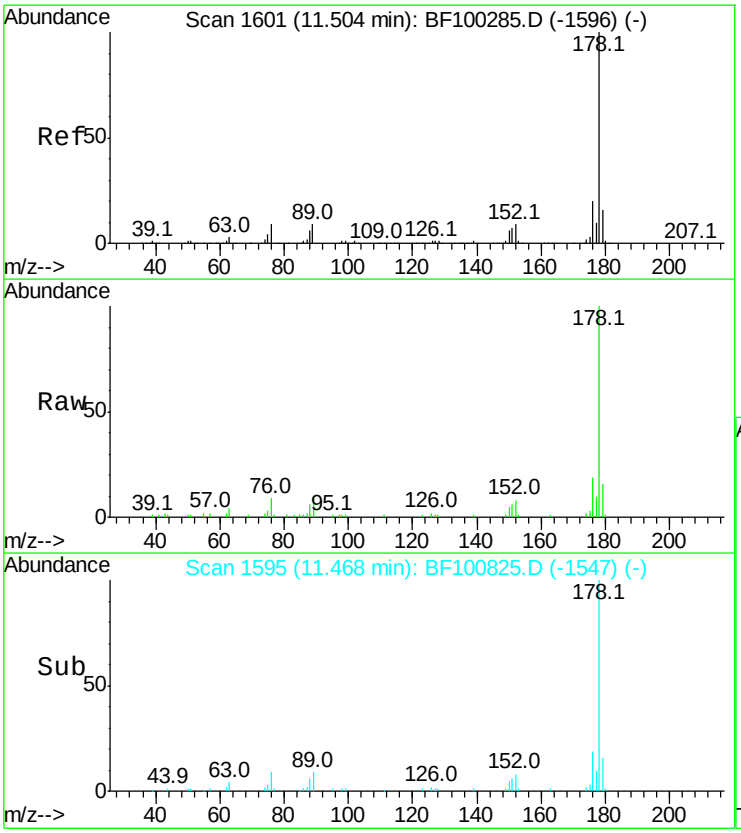
#70
Phenanthrene
Concen: 7.742 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 87555

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	15.3	13.0	19.6

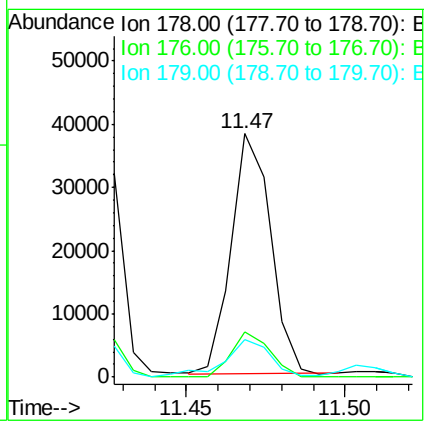


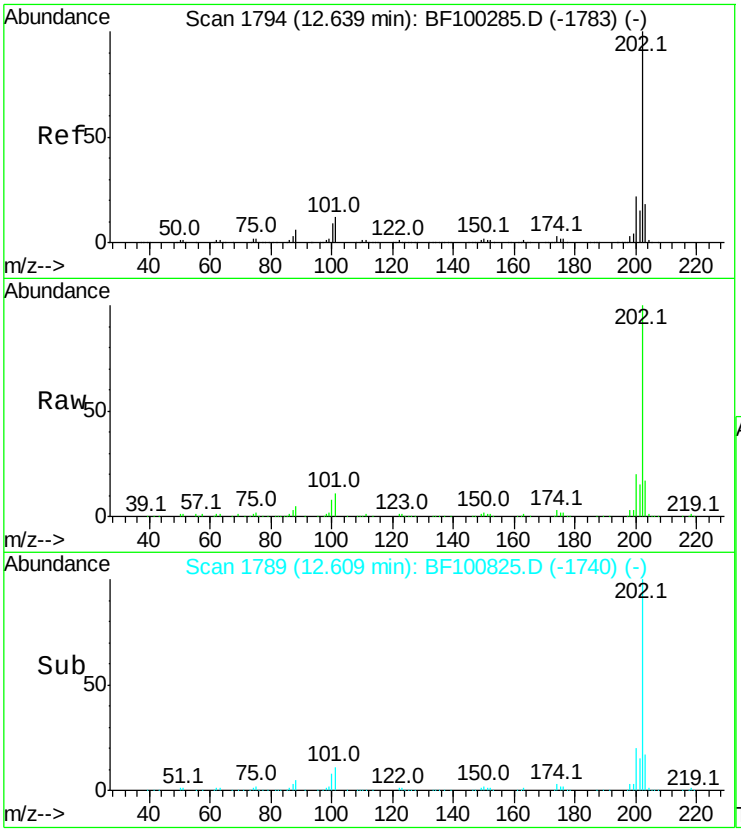


#71
Anthracene
Concen: 2.853 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:178 Resp: 32739

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0



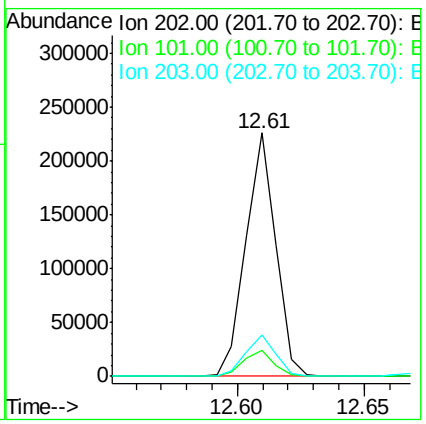


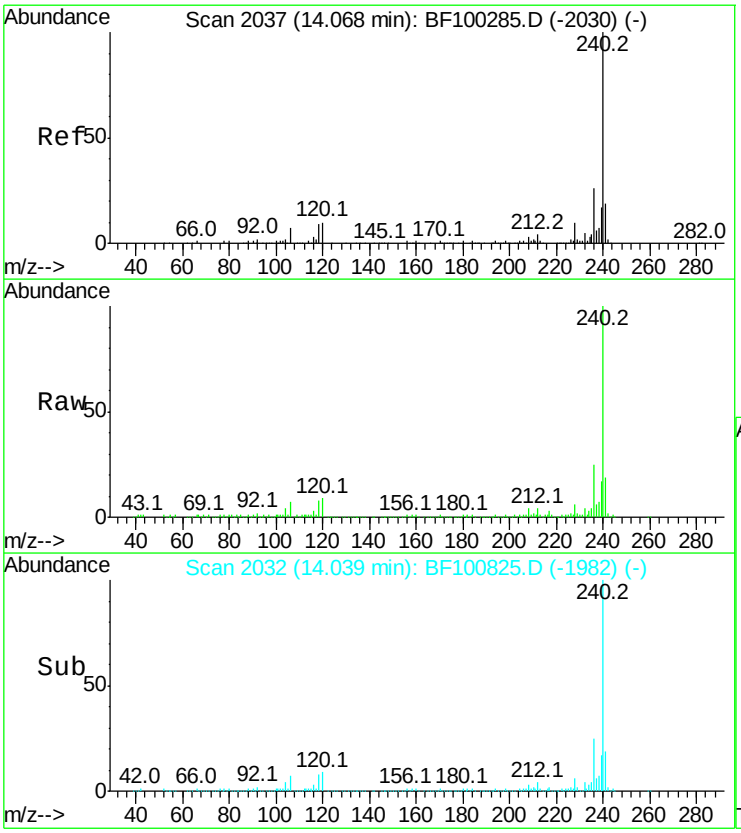
#74
Fluoranthene
Concen: 15.556 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 186443

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.3	0.0	38.1

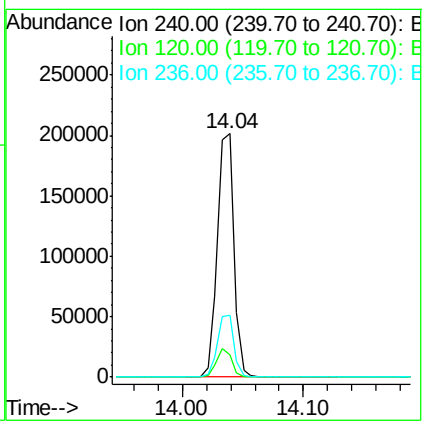


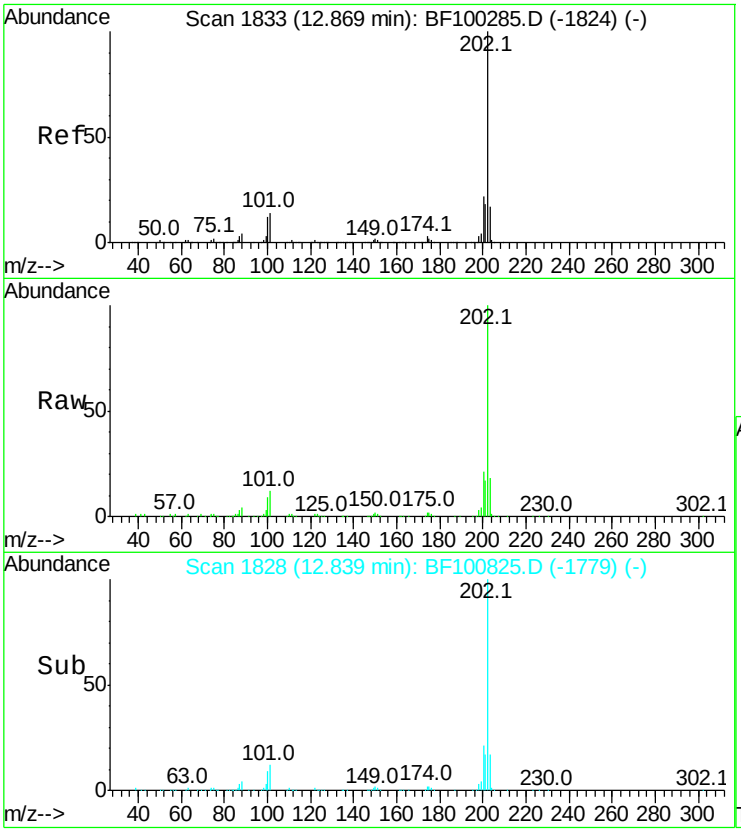


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:240 Resp: 190023

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.5	20.7	31.1



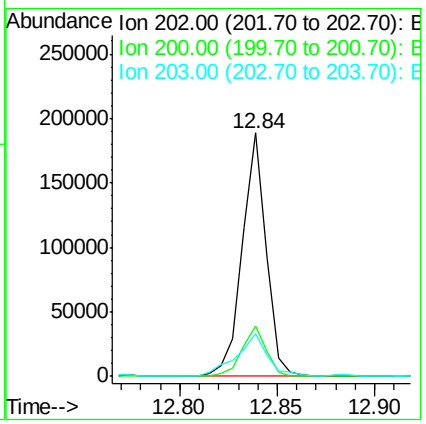


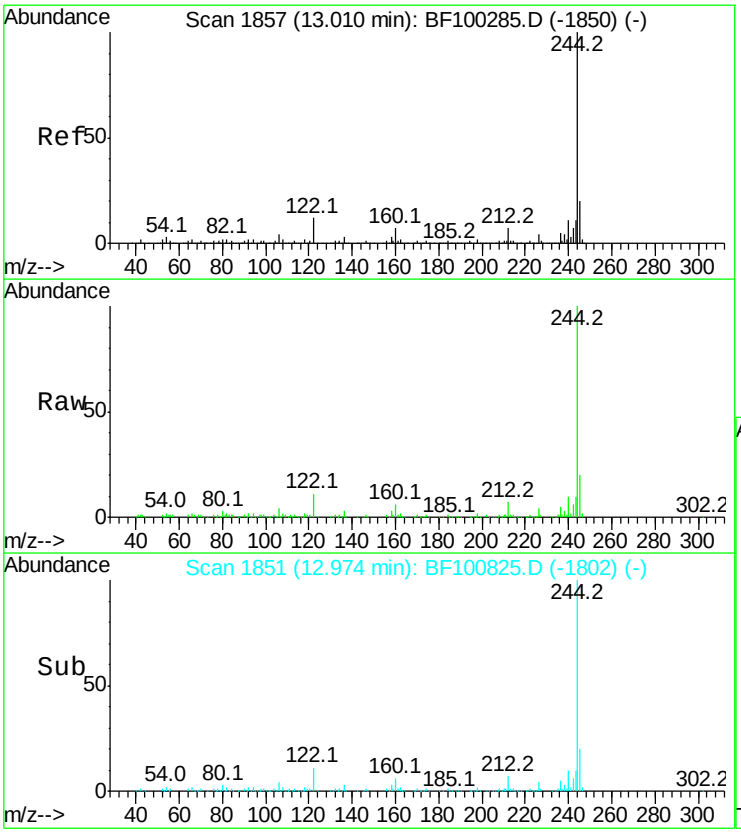
#77
Pyrene
Concen: 11.886 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 160996

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.6	14.3	21.5

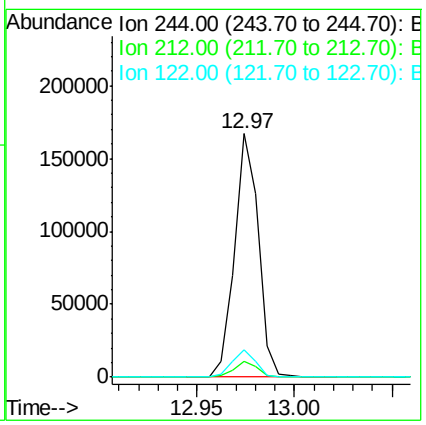


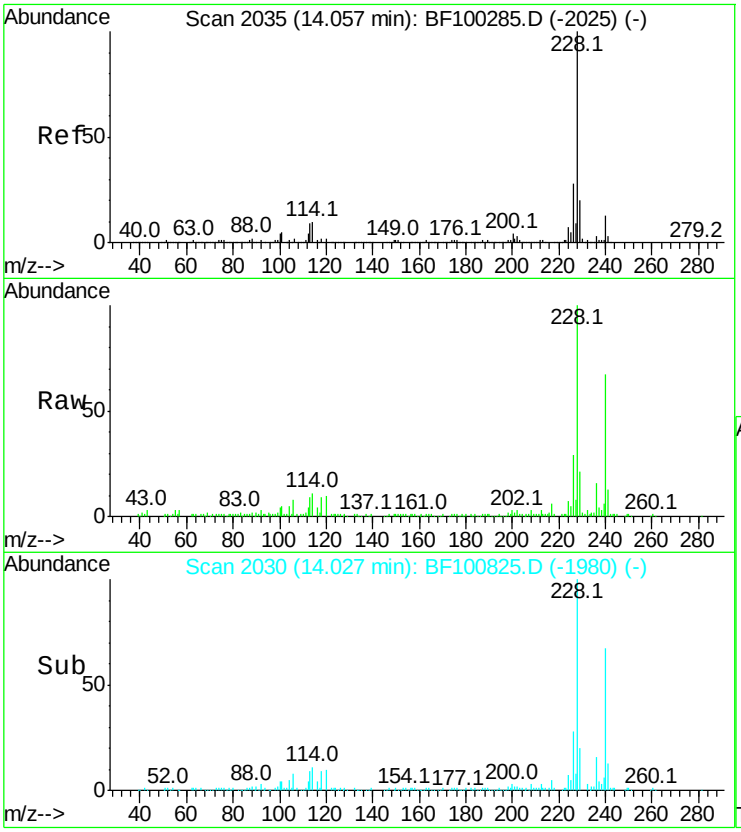


#78
Terphenyl-d14
Concen: 17.027 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:244 Resp: 140812

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



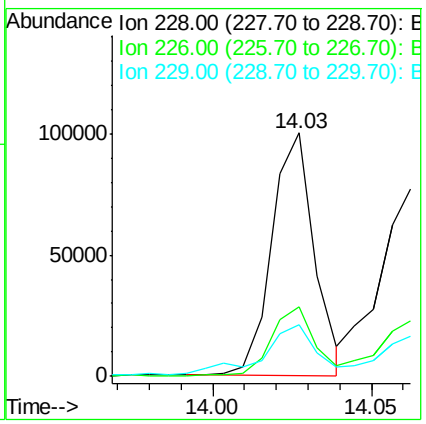


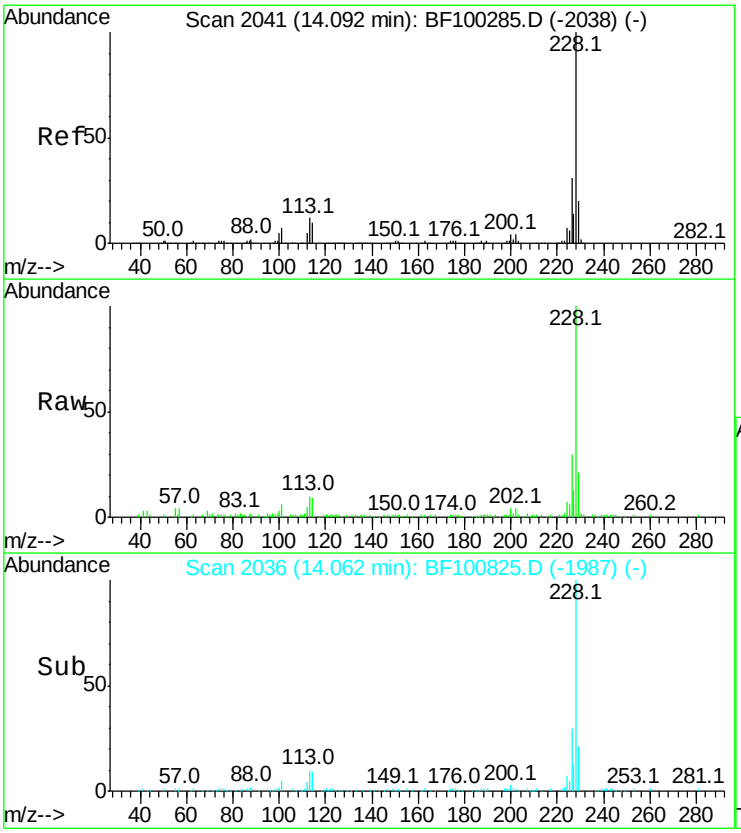
#80
Benzo(a)anthracene
Concen: 8.164 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 93427

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.0	15.8	23.6

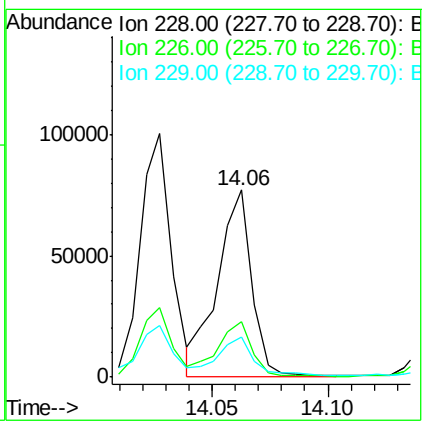


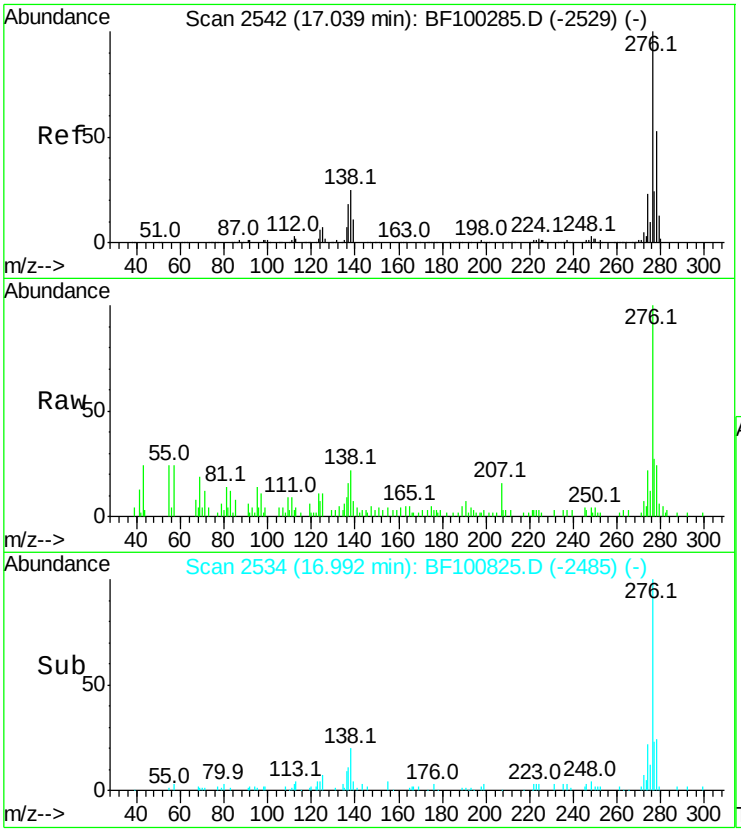


#82
Chrysene
Concen: 7.116 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:228 Resp: 78854

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.5	16.2	24.4



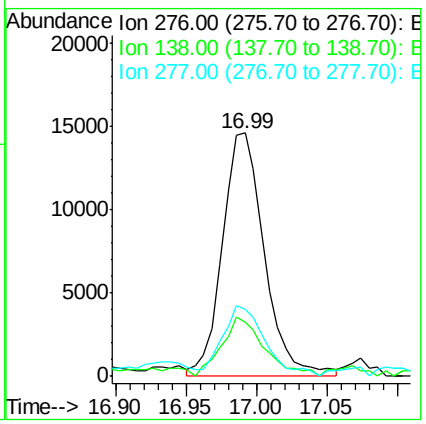


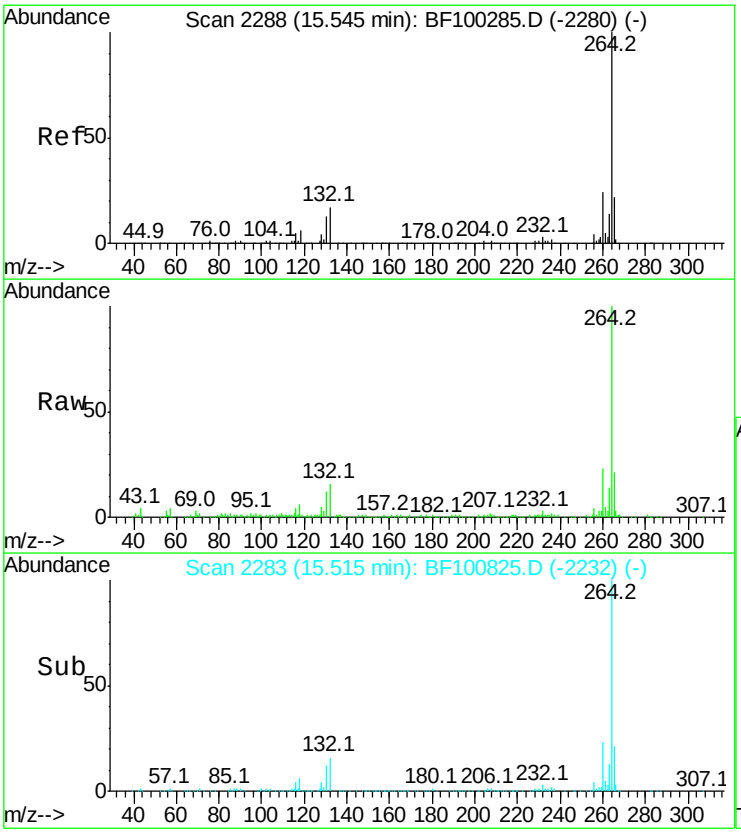
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.387 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30357

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	29.0	20.1	30.1

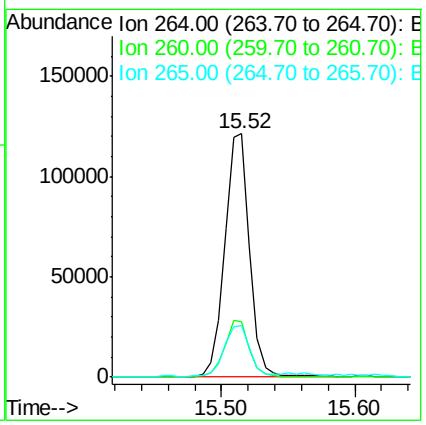


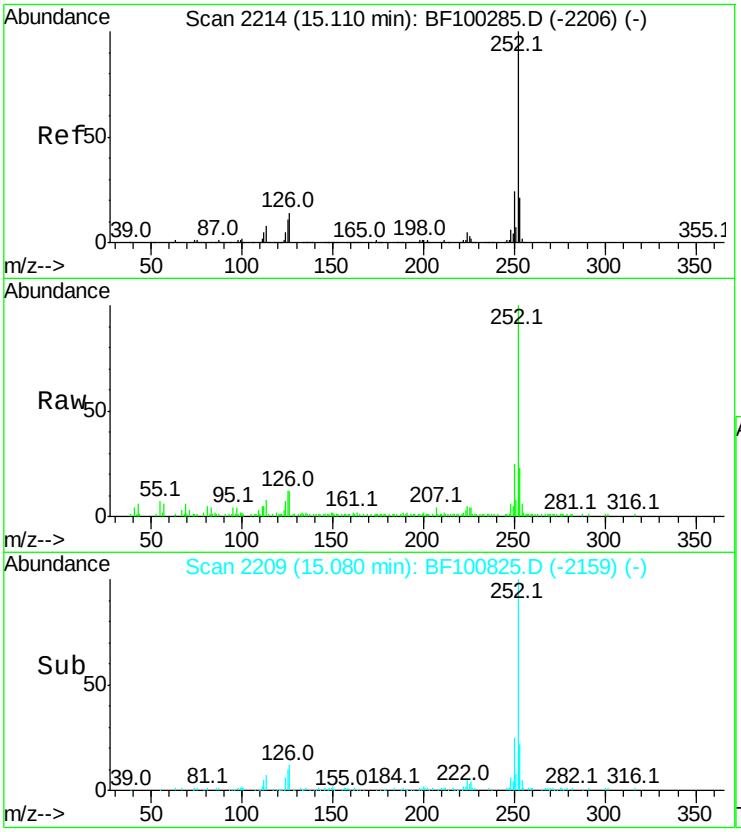


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:264 Resp: 159053

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	17.5	26.3



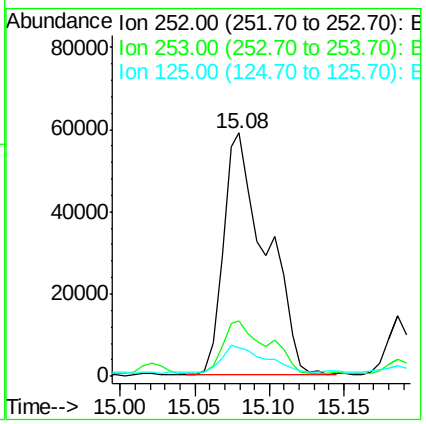


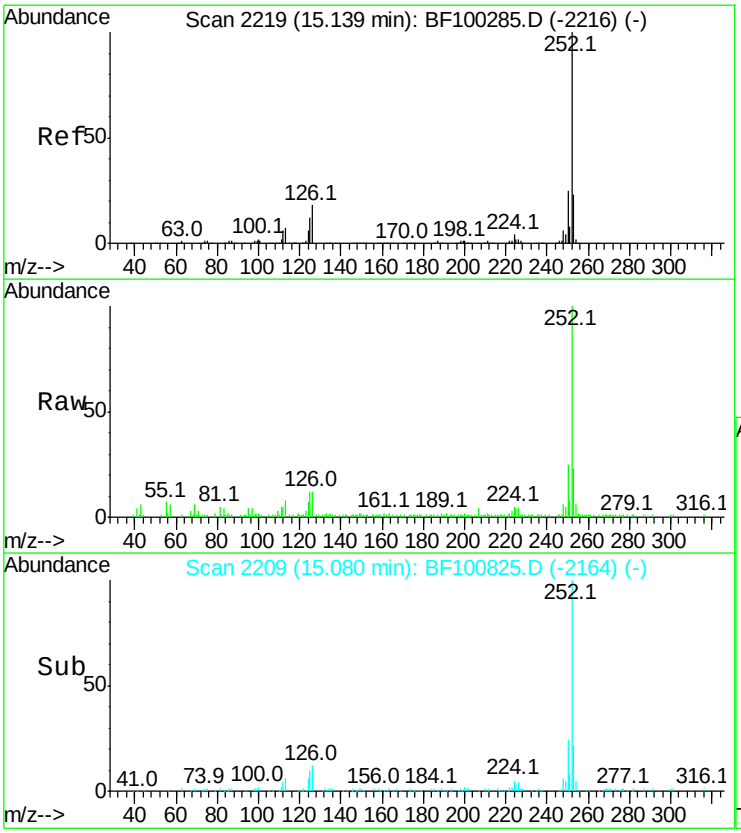
#87
Benzo(b)fluoranthene
Concen: 12.355 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 116426

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.7	9.0	13.6

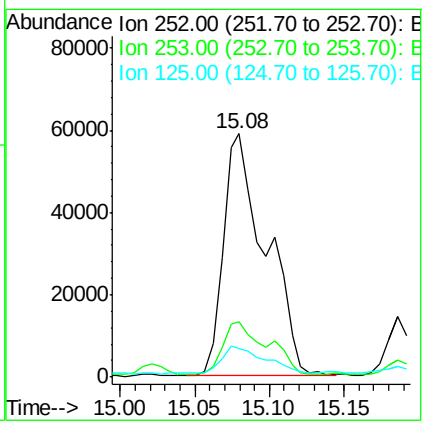


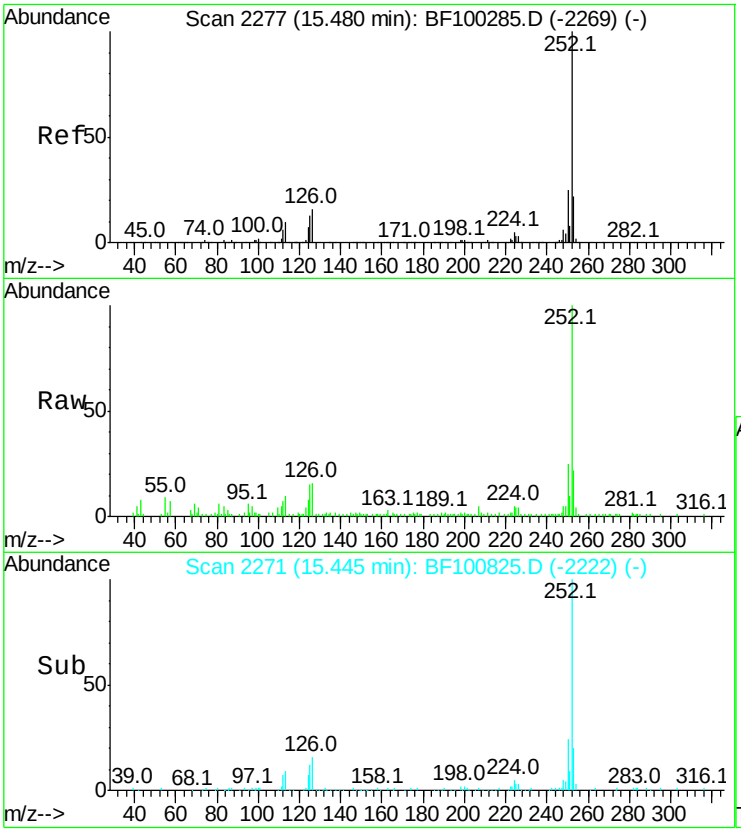


#88
Benzo(k)fluoranthene
Concen: 13.077 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:252 Resp: 116426

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.7	10.2	15.2



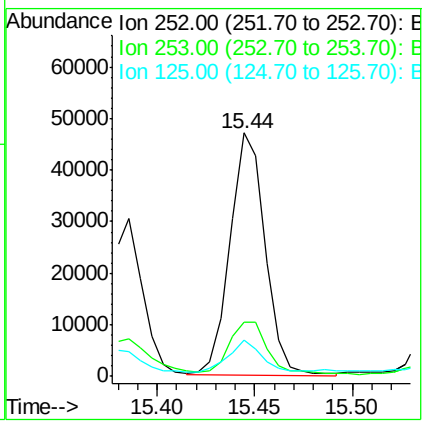


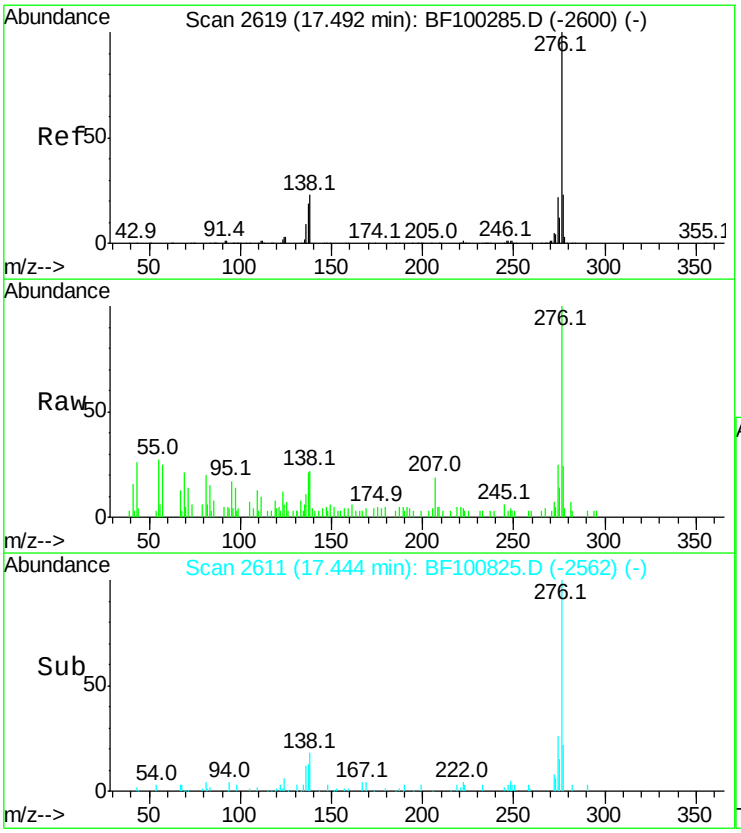
#89
Benzo(a)pyrene
Concen: 7.009 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 58549

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.864 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF100825.D
Acq: 22 Nov 2017 14:39

Tgt Ion:276 Resp: 25844

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	22.1	21.8	32.8