Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099218.D
Acq On : 8 Oct 2017 3:51
Operator : SJ/JU
Sample : I5530-08 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 08 06:06:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113150	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	418093	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	158407	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	246362	20.00	ng		0.00
75) Chrysene-d12	14.03	240	209908	20.00	ng		0.00
86) Perylene-d12	15.51	264	164967	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	159510	22.44	ng		0.00
7) Phenol-d6	6.49	99	184690	21.06	ng		-0.01
23) Nitrobenzene-d5	7.42	82	93427	14.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	22688	17.50	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	191310	20.16	ng		0.00
78) Terphenyl-d14	12.97	244	141049	15.28	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	11964	2.137	ng	#	75
25) Isophorone	7.42	82	93425	6.931	ng	#	64
49) Dimethylphthalate	9.61	163	26269	2.197	ng		100
50) 2,6-Dinitrotoluene	9.90	165	20055	7.705	ng	#	25
56) 2,4-Dinitrotoluene	9.90	165	20055	5.937	ng	#	22
70) Phenanthrene	11.41	178	35974	2.728	ng		99
74) Fluoranthene	12.60	202	68653	5.141	ng		96
77) Pyrene	12.83	202	77010	4.811	ng		97
80) Benzo(a)anthracene	14.02	228	37690	2.965	ng		95
82) Chrysene	14.02	228	37690	3.115	ng		97
87) Benzo(b)fluoranthene	15.07	252	45192	4.456	ng	#	85
88) Benzo(k)fluoranthene	15.07	252	45192	4.511	ng	#	88
89) Benzo(a)pyrene	15.44	252	27531	2.957	ng	#	89
91) Benzo(g,h,i)perylene	17.44	276	19700	2.675	ng		94

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

Quantitation Report (Not Reviewed)

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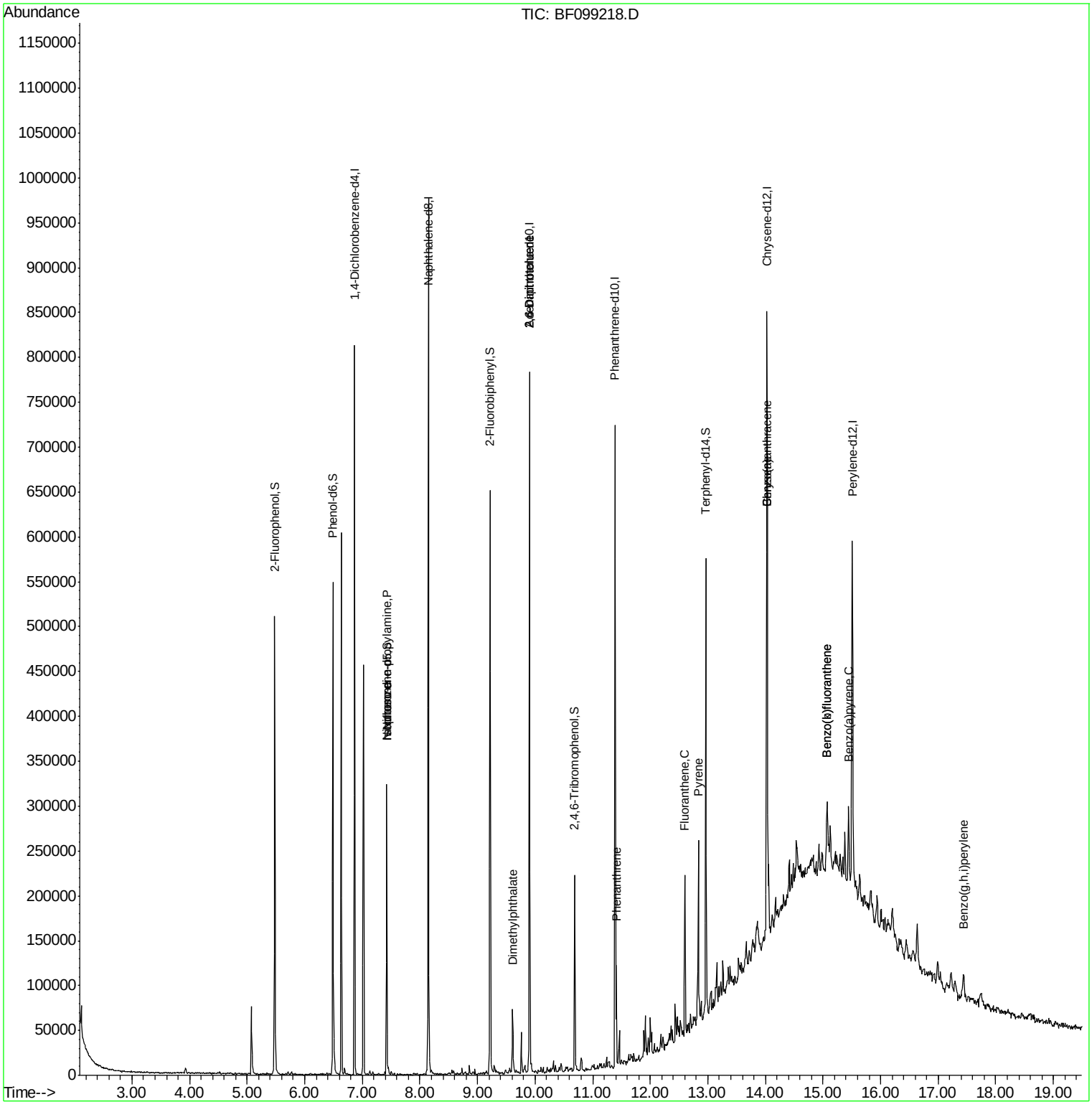
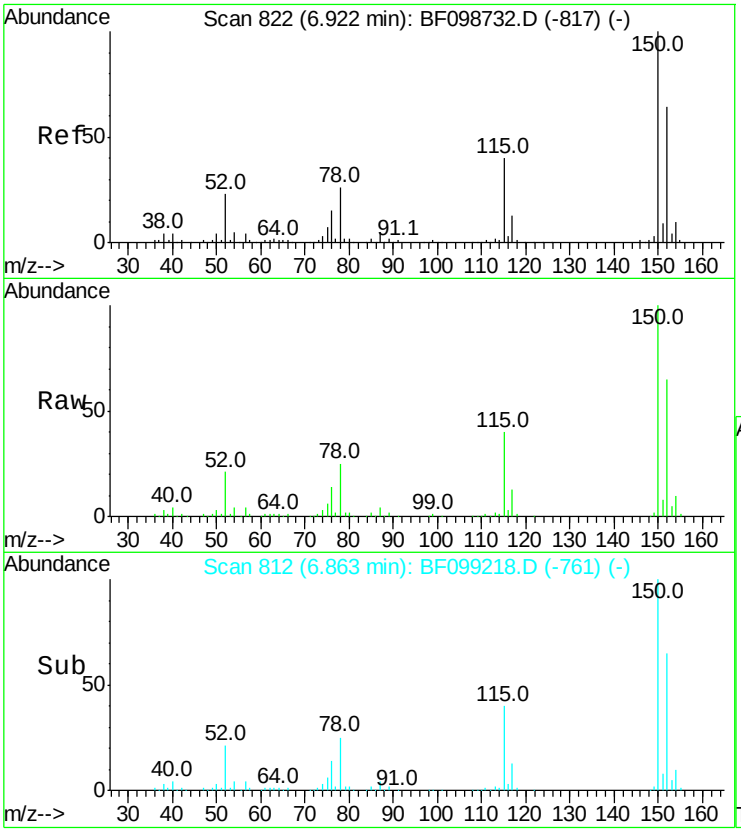


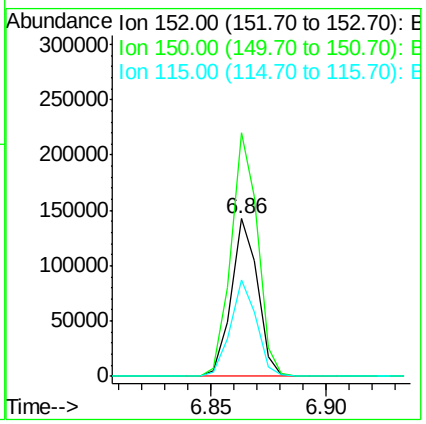


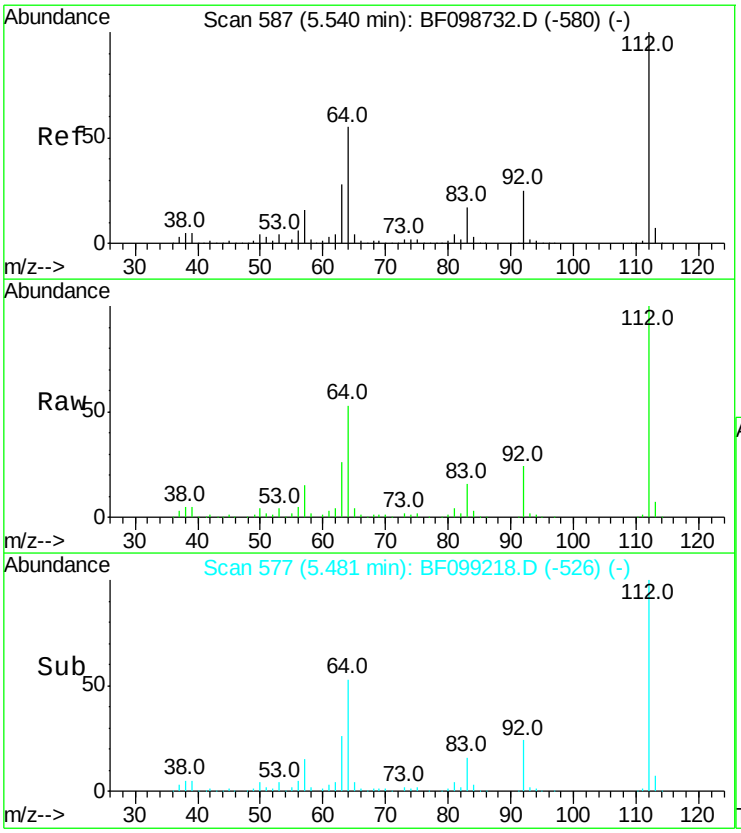
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113150

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.5	50.1	75.1

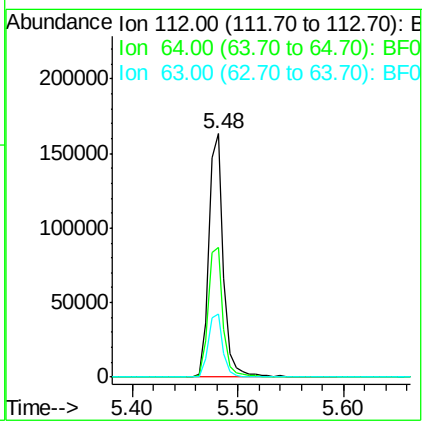


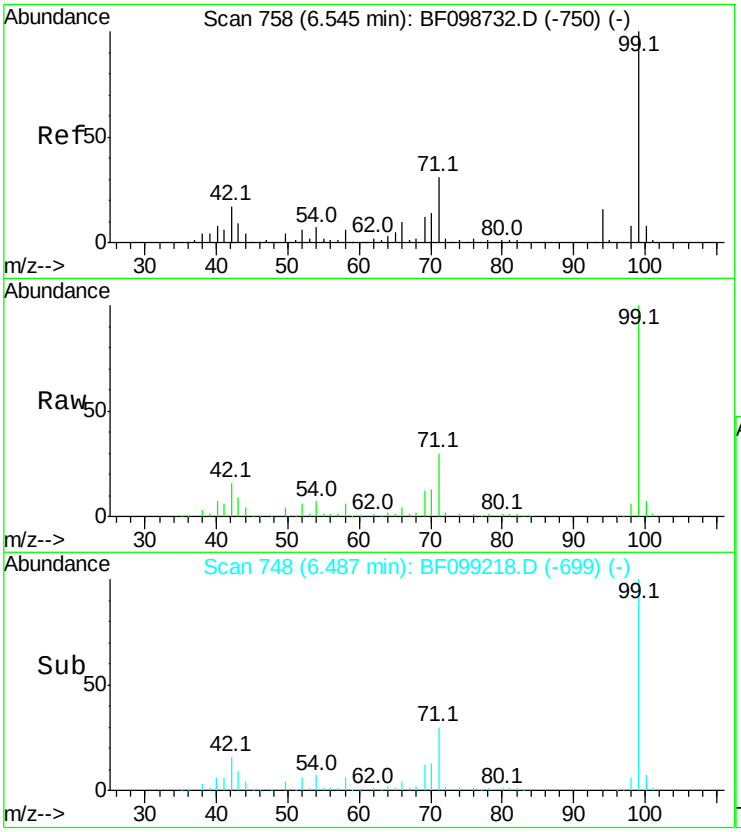


#5
2-Fluorophenol
Concen: 22.441 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:112 Resp: 159510

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	25.7	23.7	35.5



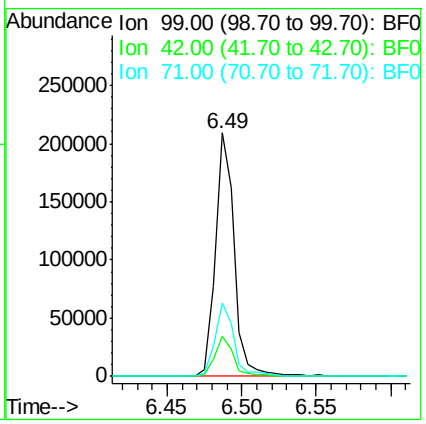


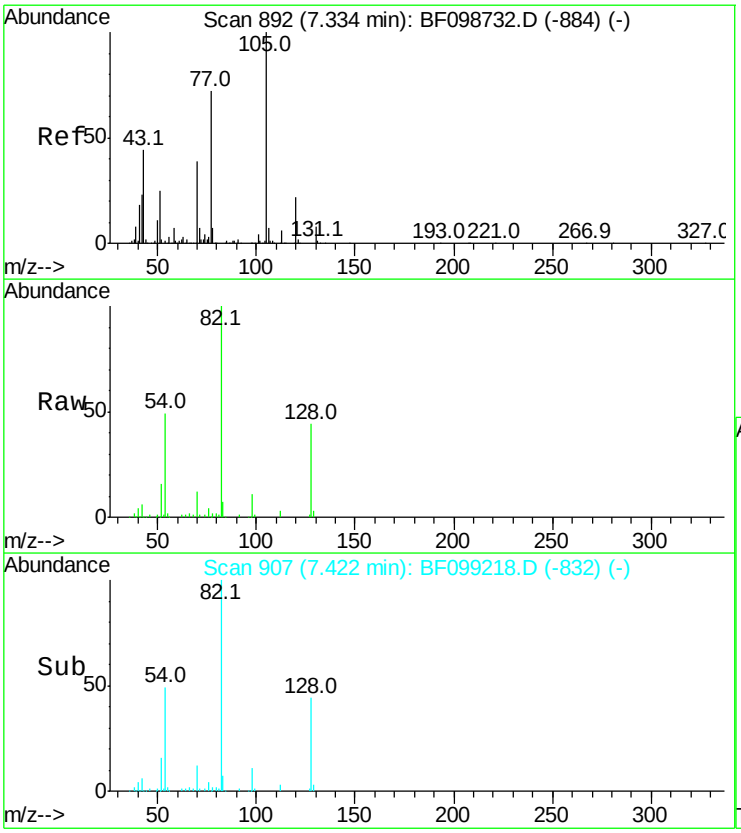
#7
Phenol-d6
Concen: 21.063 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 184690

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	30.2	25.4	38.0

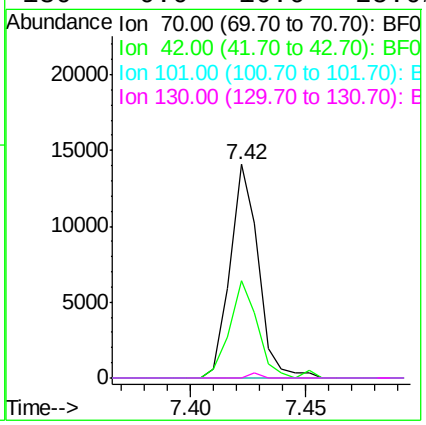


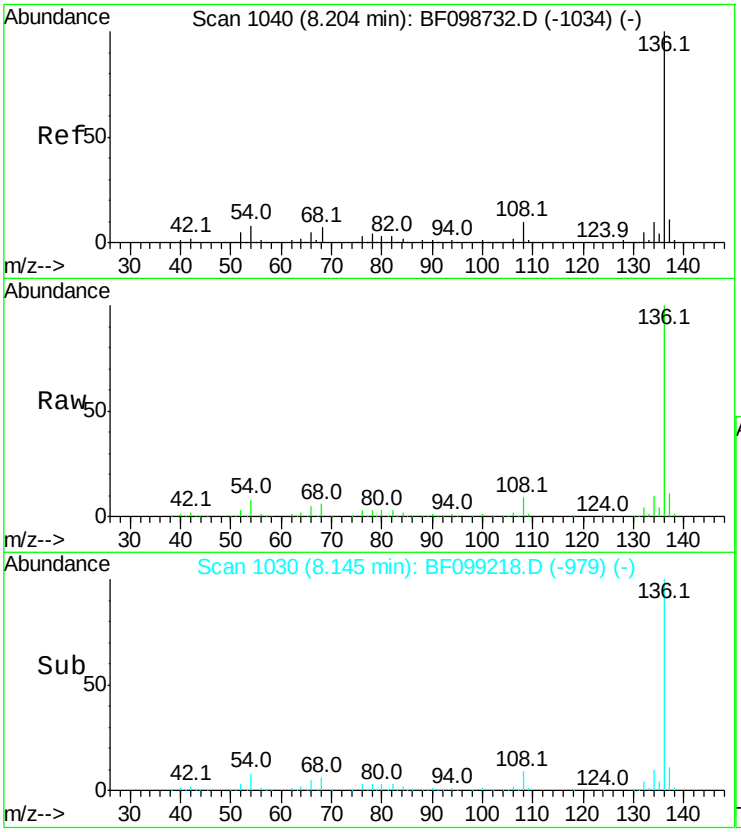


#19
n-Nitroso-di-n-propylamine
Concen: 2.137 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion: 70 Resp: 11964

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



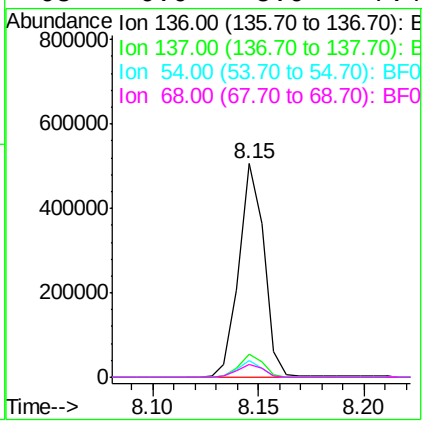


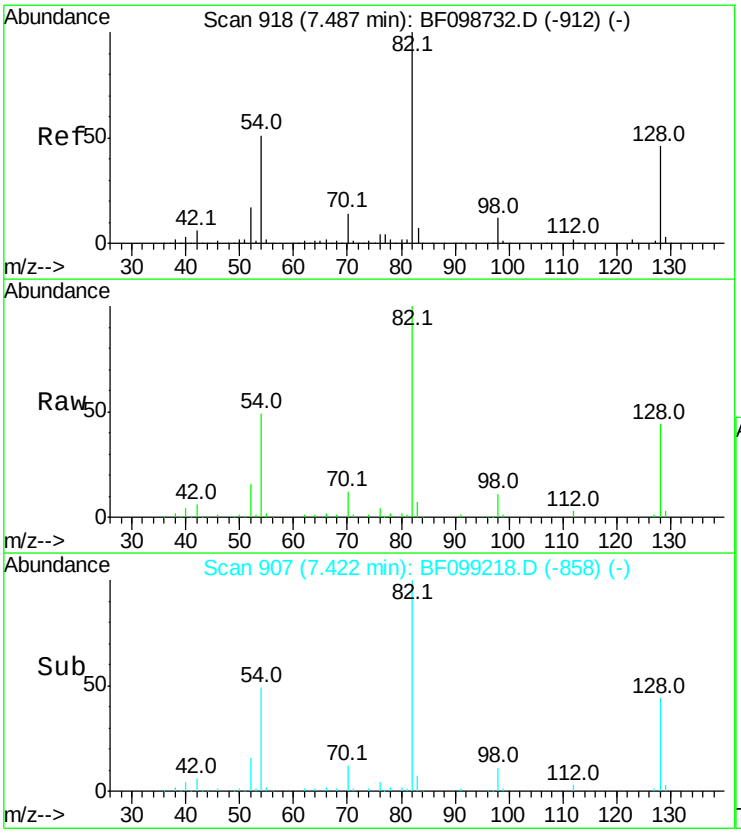
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 418093

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4

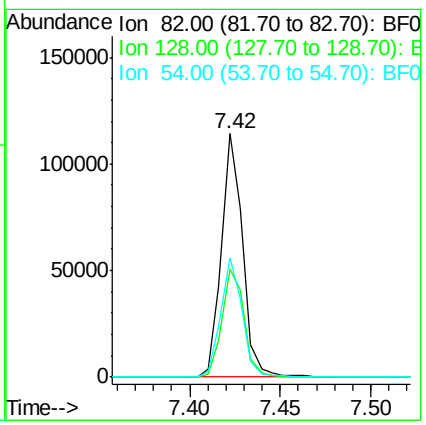


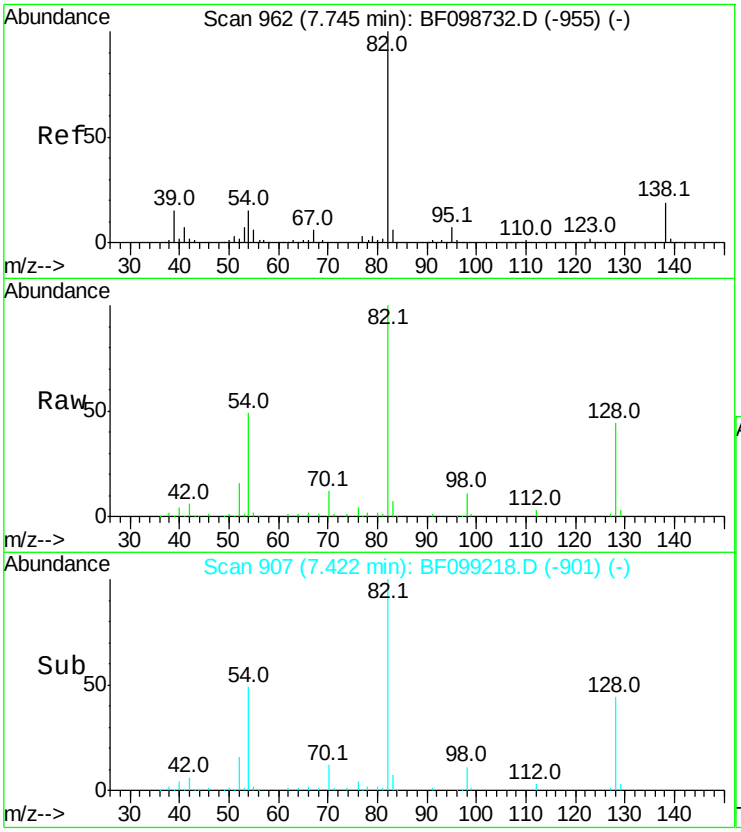


#23
Nitrobenzene-d5
Concen: 14.331 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion: 82 Resp: 93427

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	48.9	41.4	62.2



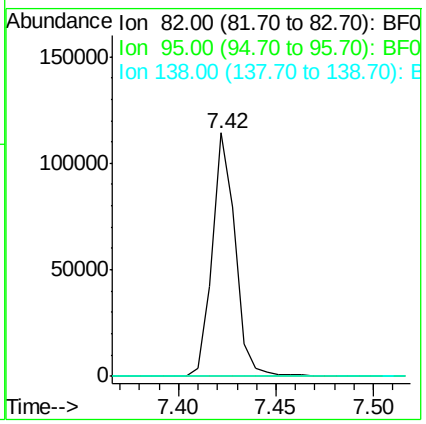


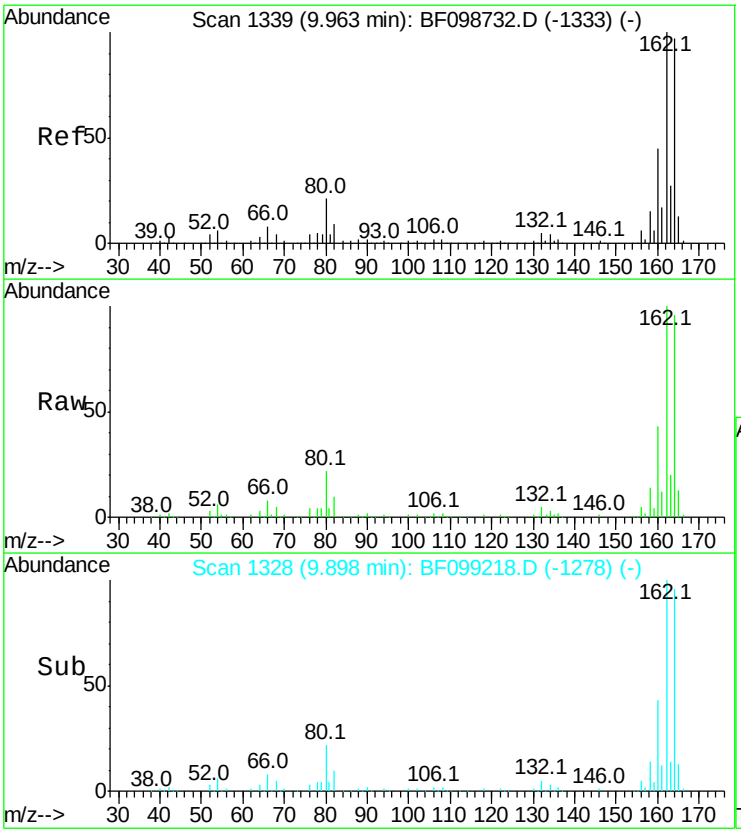
#25
Isophorone
Concen: 6.931 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 93425

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

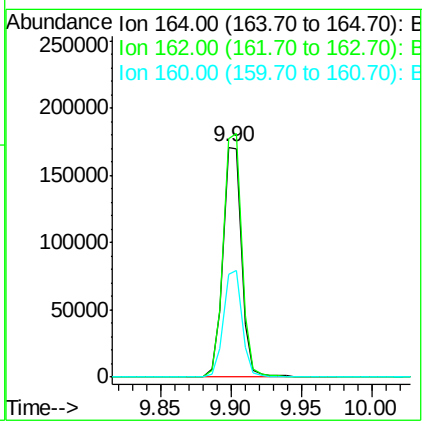


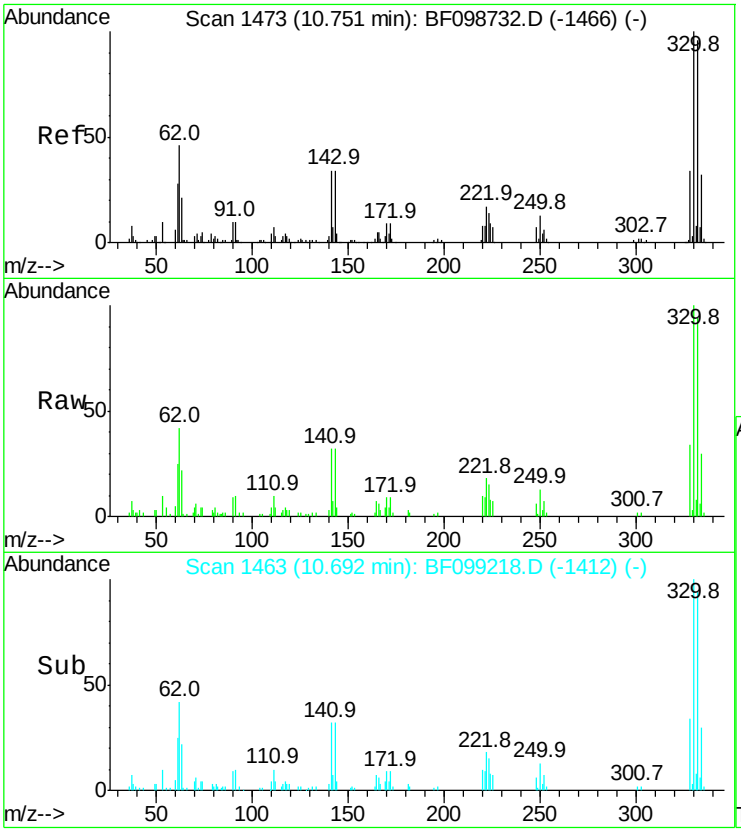


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:164 Resp: 158407

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.8	38.3	57.5



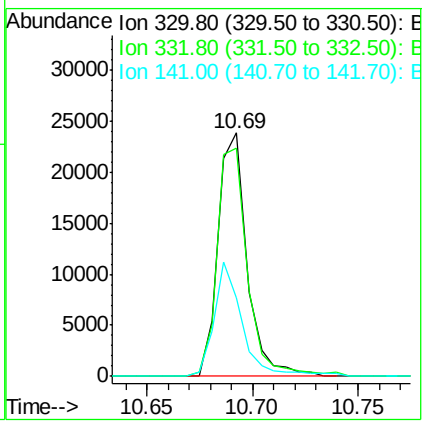


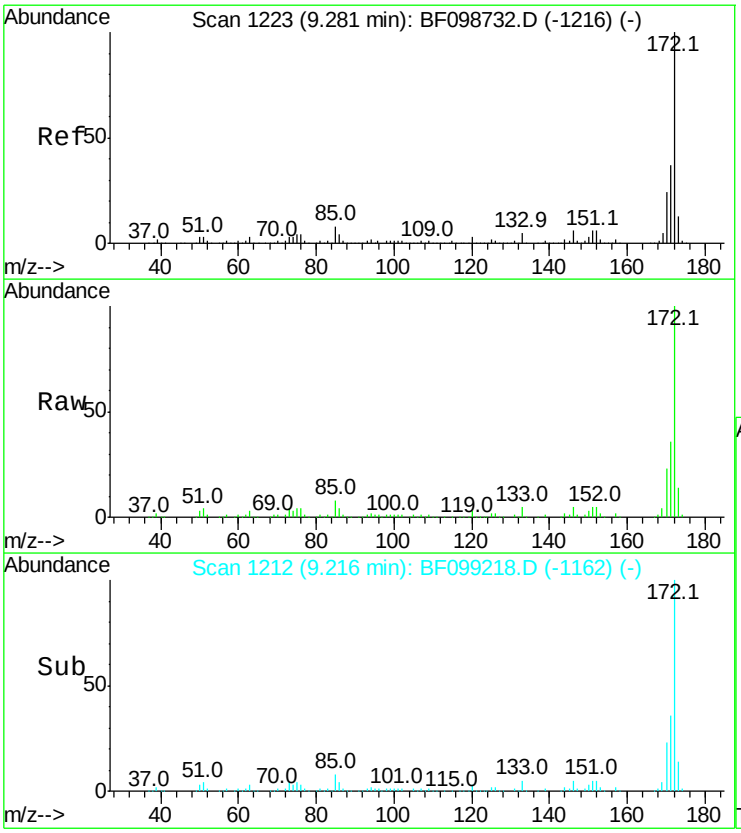
#41
2,4,6-Tribromophenol
Concen: 17.503 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 22688

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	46.1	29.9	44.9#

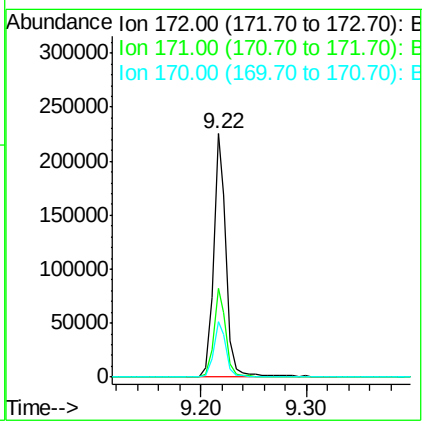


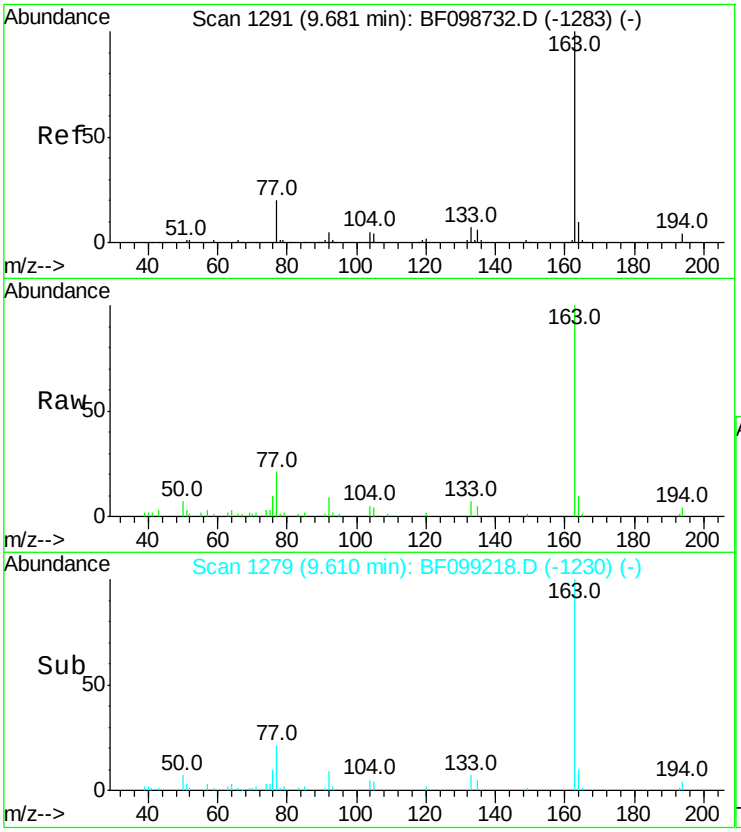


#44
2-Fluorobiphenyl
Concen: 20.162 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:172 Resp: 191310

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	22.9	19.6	29.4



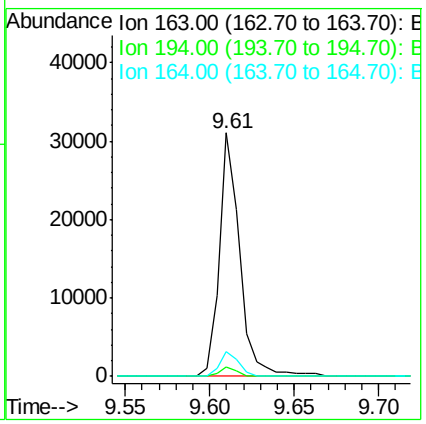


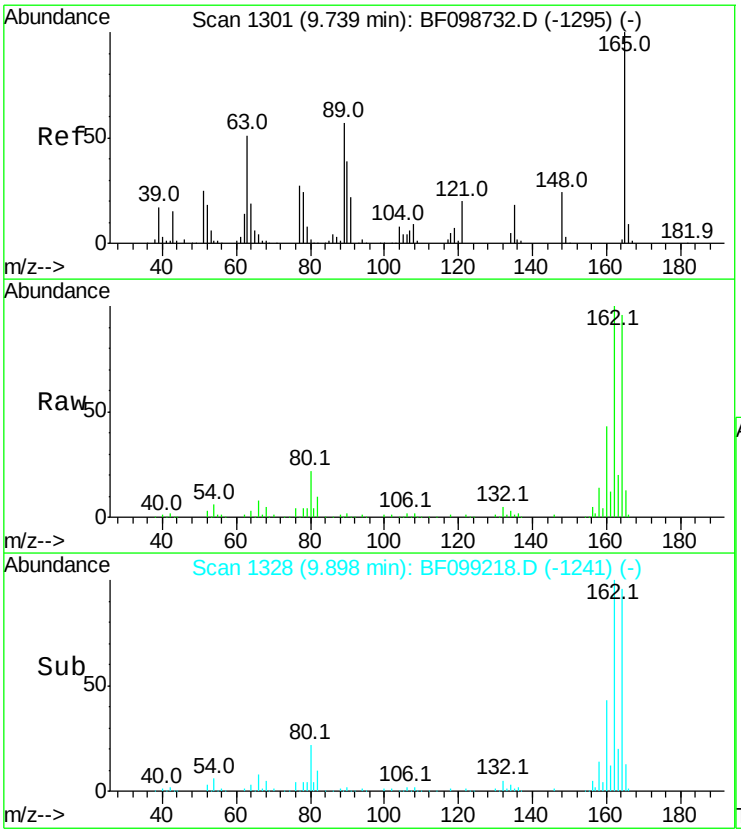
#49
Dimethylphthalate
Concen: 2.197 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 26269

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

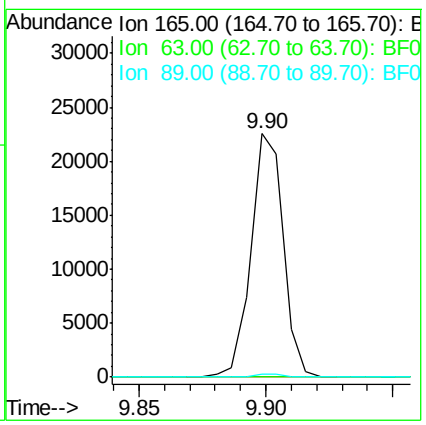


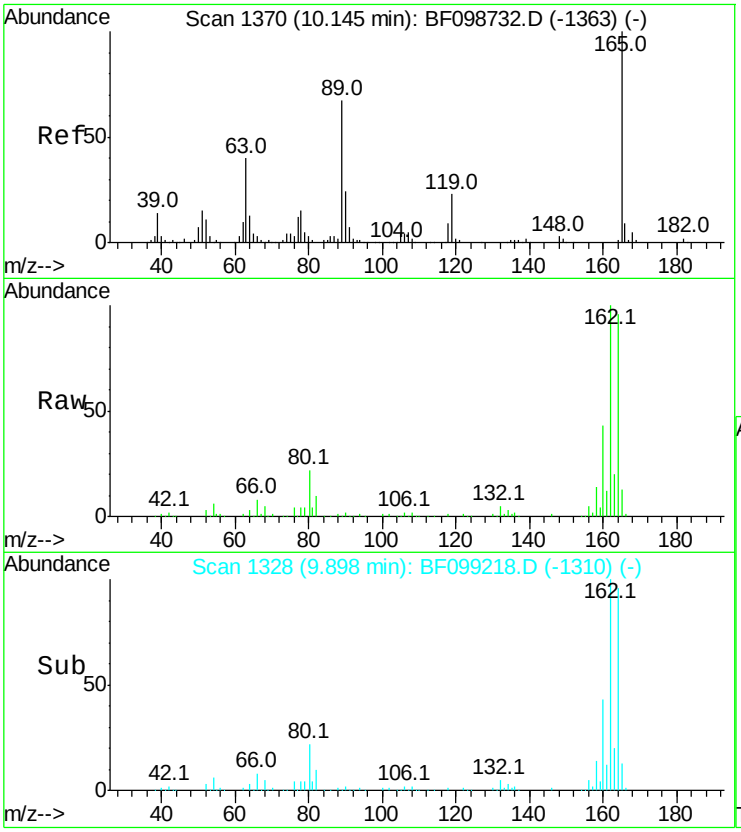


#50
2,6-Dinitrotoluene
Concen: 7.705 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:165 Resp: 20055

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



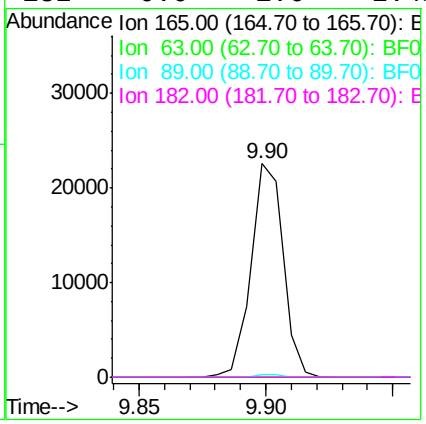


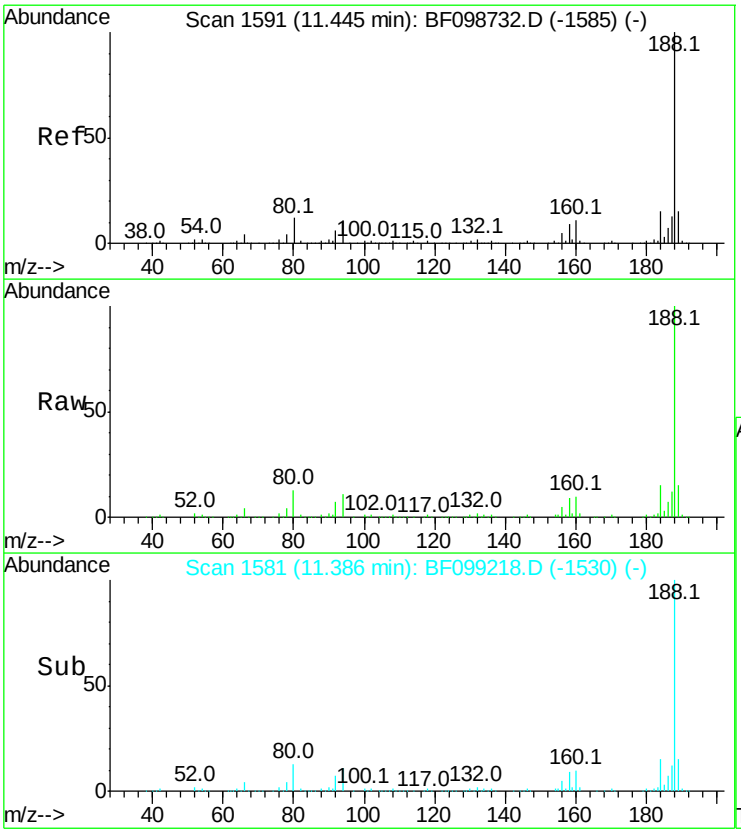
#56
2,4-Dinitrotoluene
Concen: 5.937 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20055

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

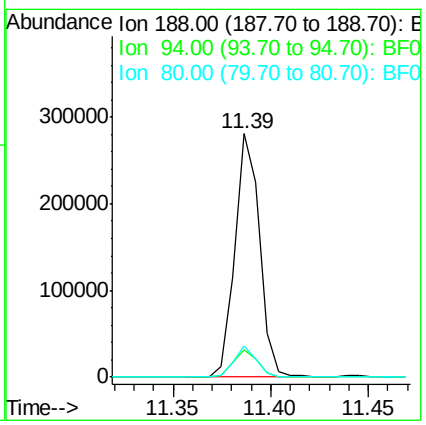


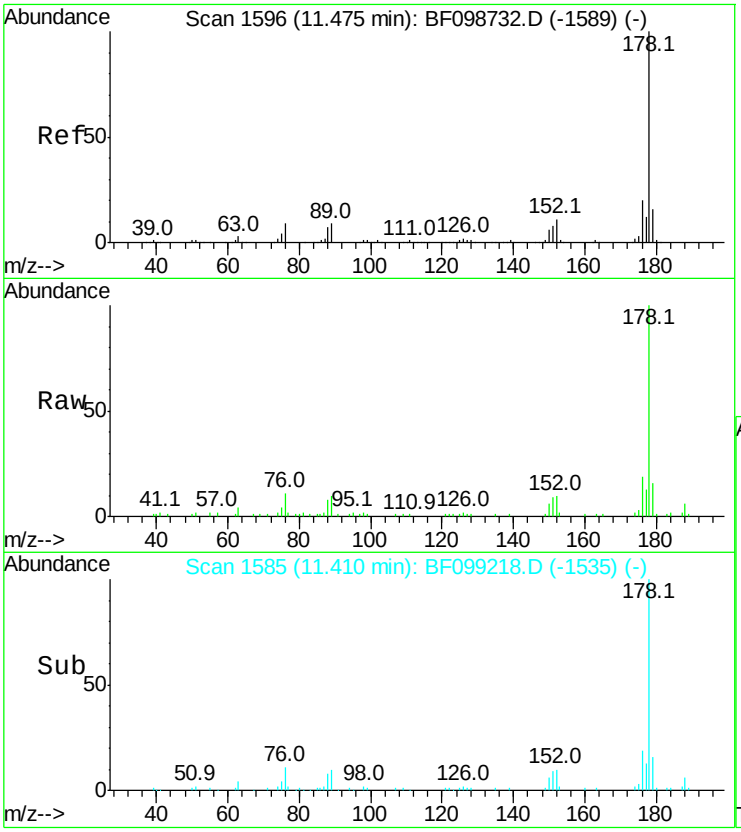


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:188 Resp: 246362

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.7	9.2	13.8



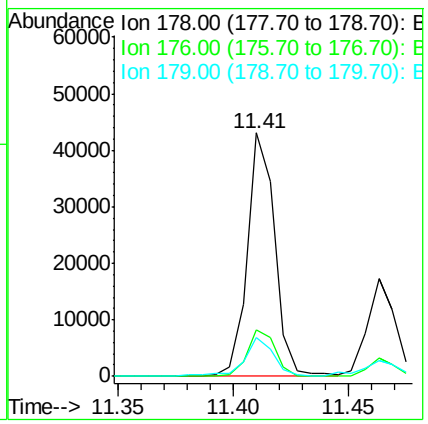


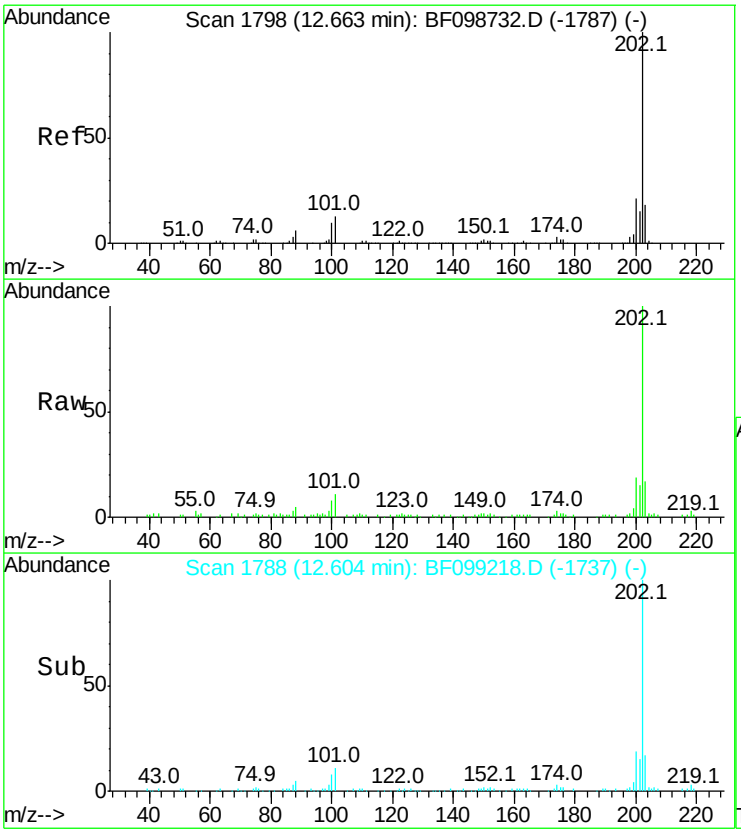
#70
Phenanthrene
Concen: 2.728 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 35974

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	13.0	19.6

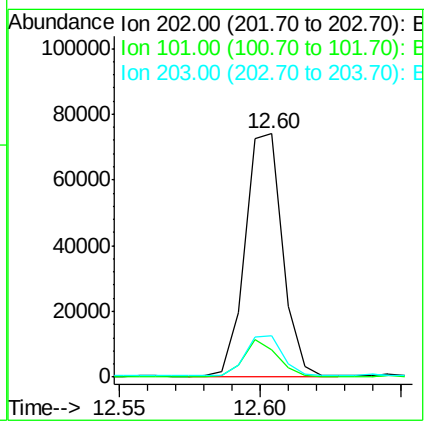


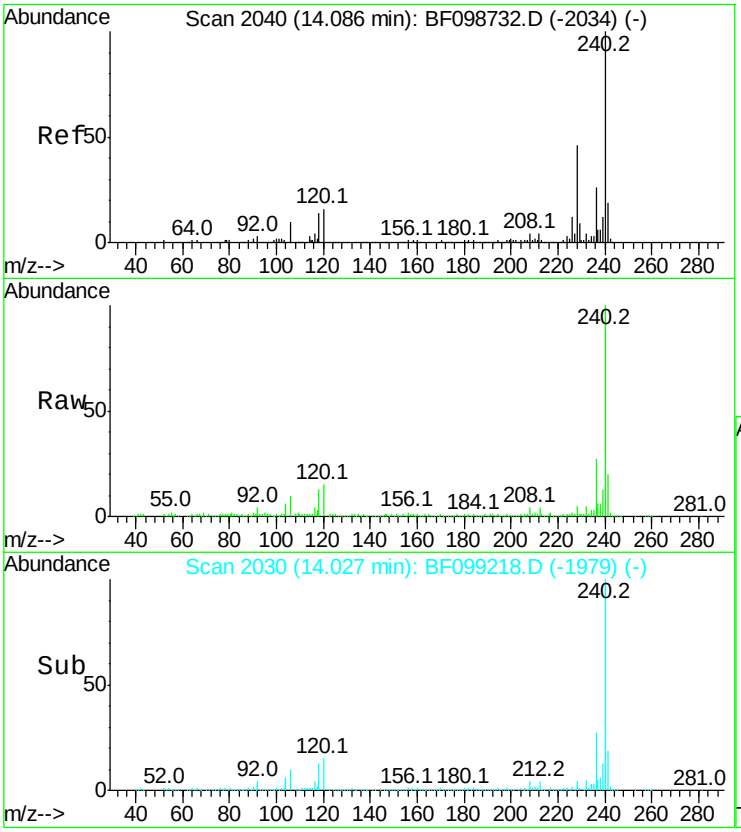


#74
Fluoranthene
Concen: 5.141 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:202 Resp: 68653

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.1	0.0	38.1



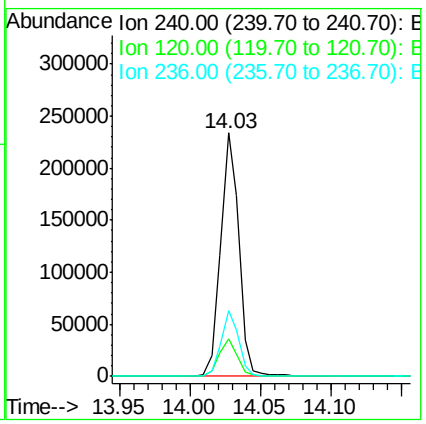


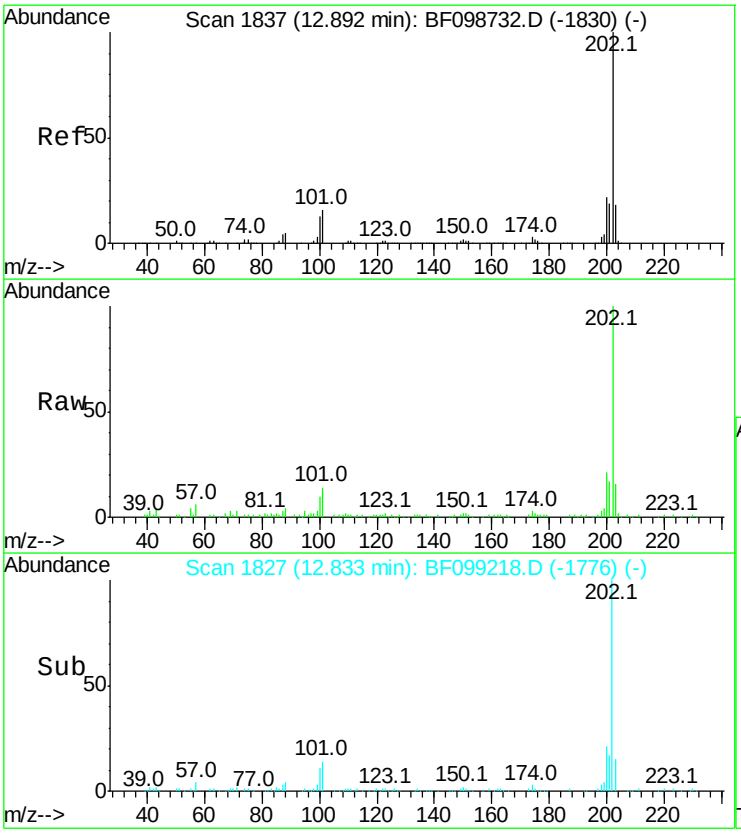
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 209908

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	27.0	20.7	31.1

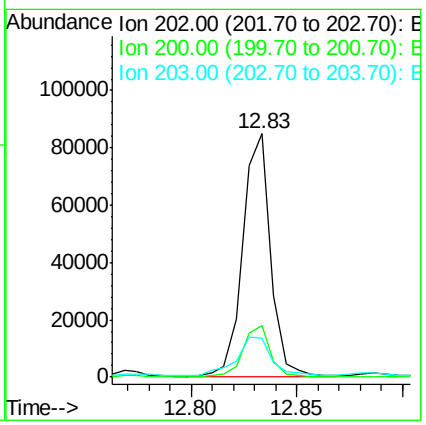


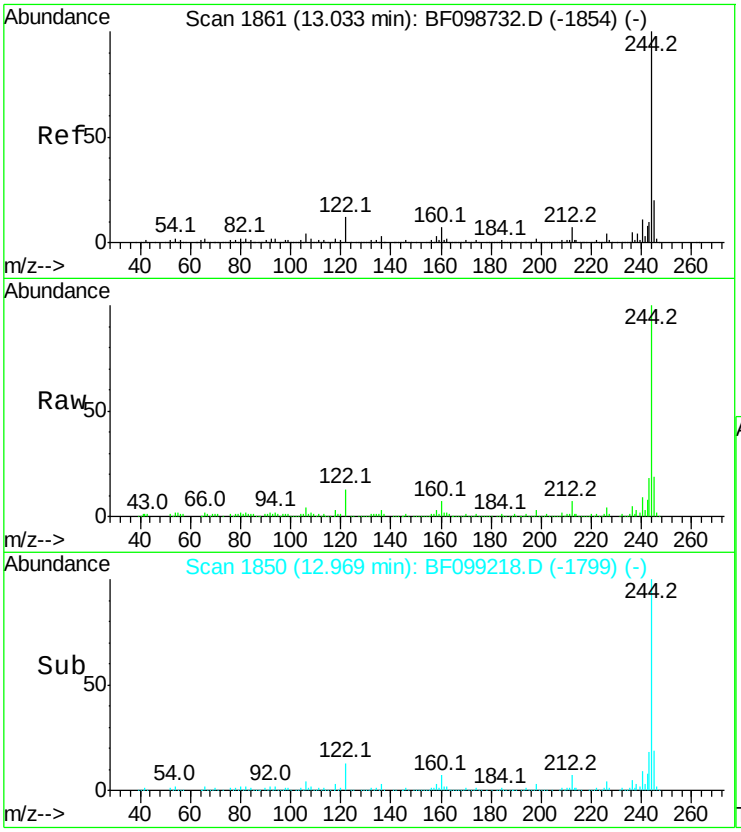


#77
Pyrene
Concen: 4.811 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:202 Resp: 77010

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.0	14.3	21.5



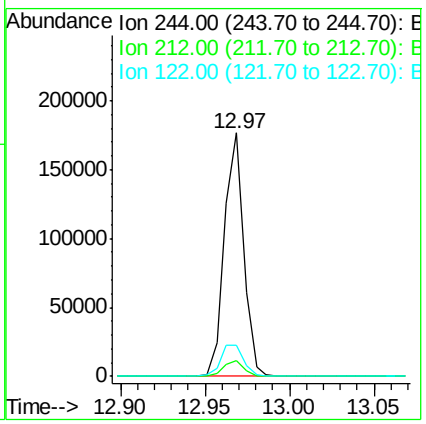


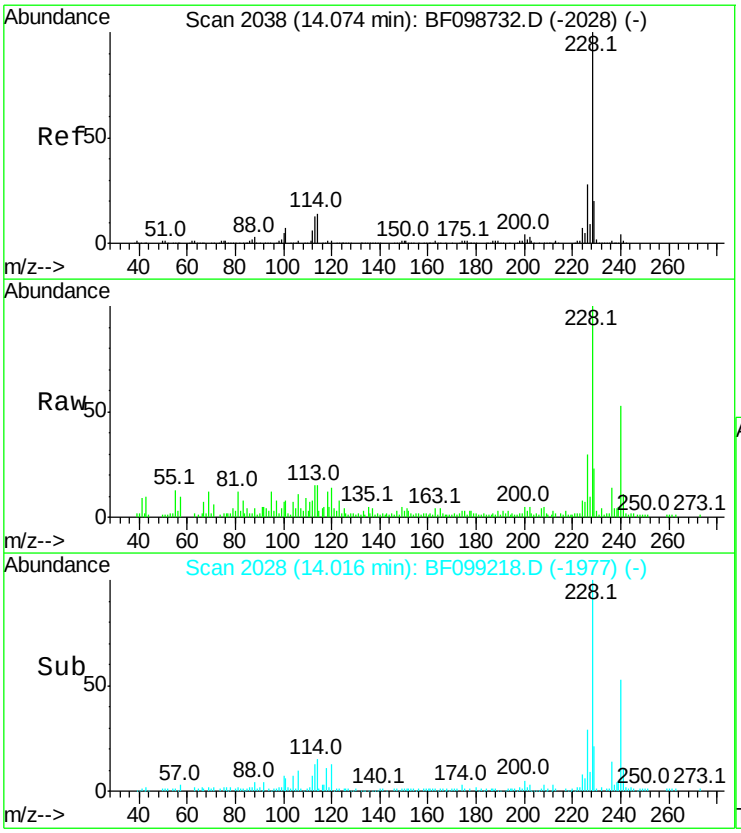
#78
Terphenyl-d14
Concen: 15.282 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 141049

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.0	11.0	16.4

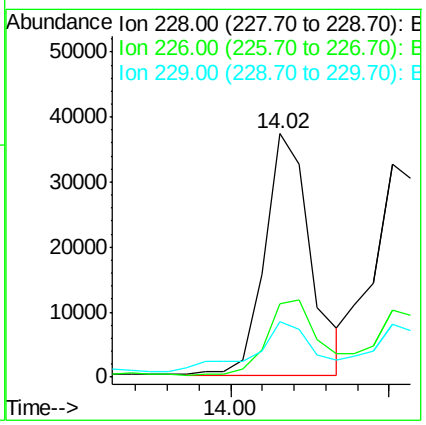


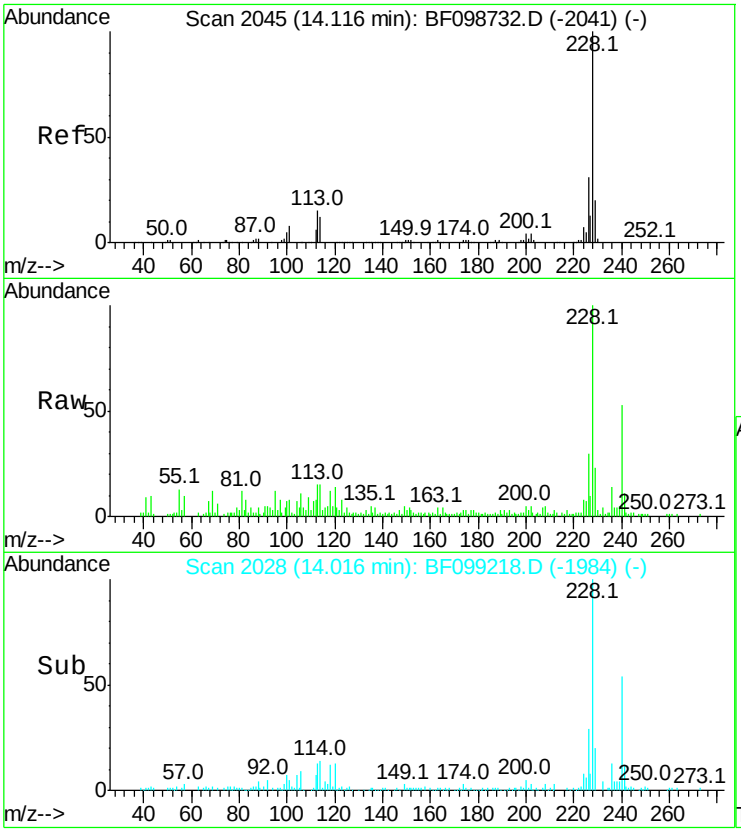


#80
Benzo(a)anthracene
Concen: 2.965 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:228 Resp: 37690

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	22.8	15.8	23.6



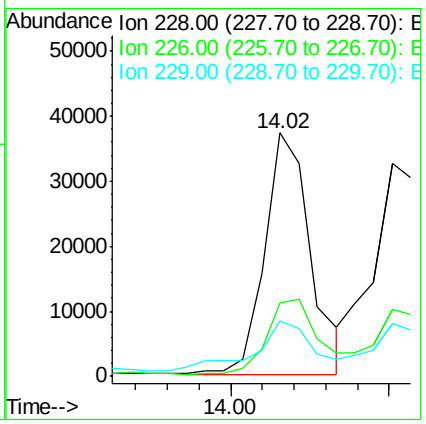


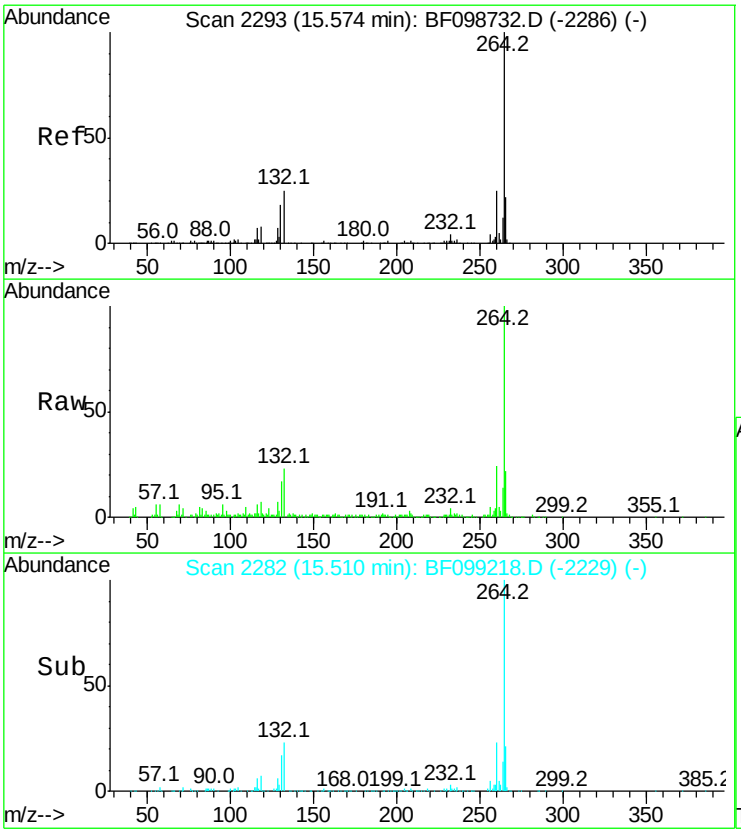
#82
Chrysene
Concen: 3.115 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 37690

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.8	16.2	24.4

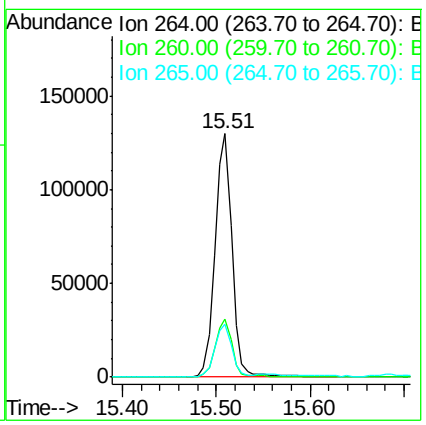


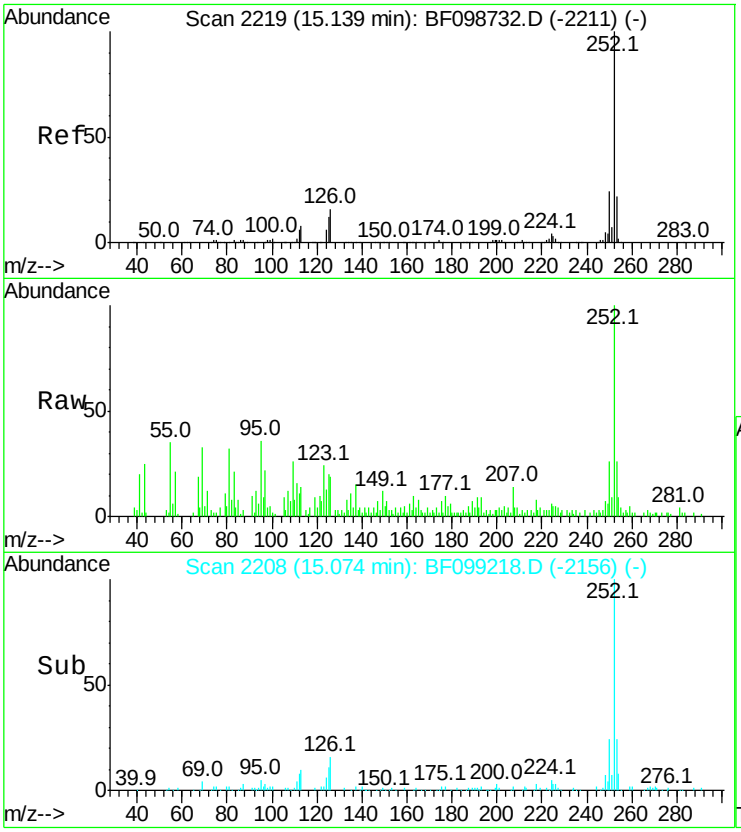


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:264 Resp: 164967

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3



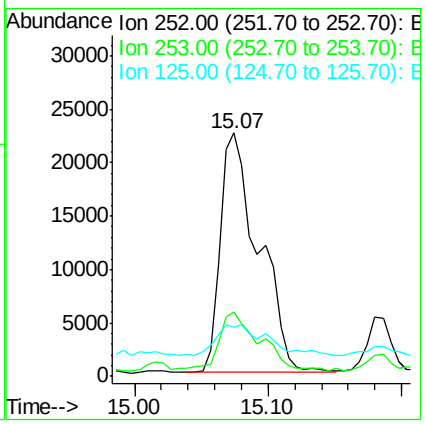


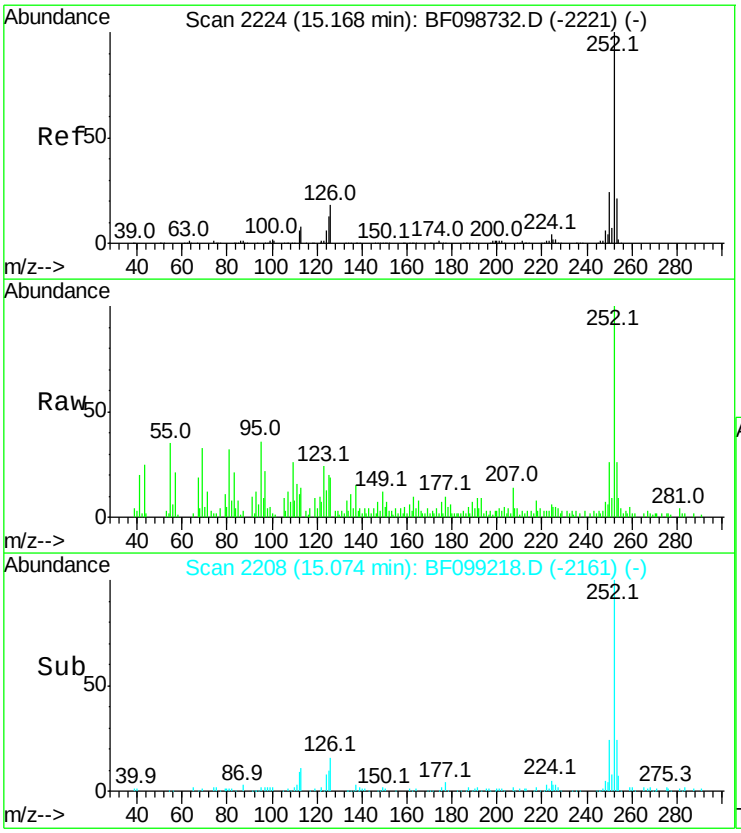
#87
Benzo(b)fluoranthene
Concen: 4.456 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45192

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	20.0	9.0	13.6#

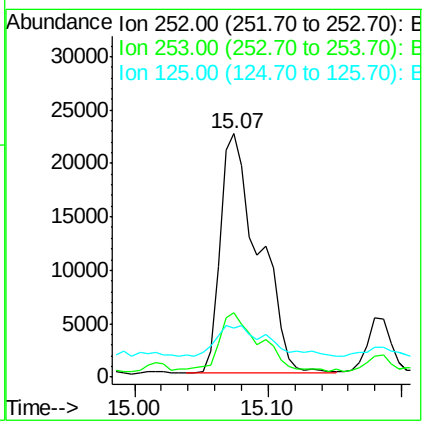


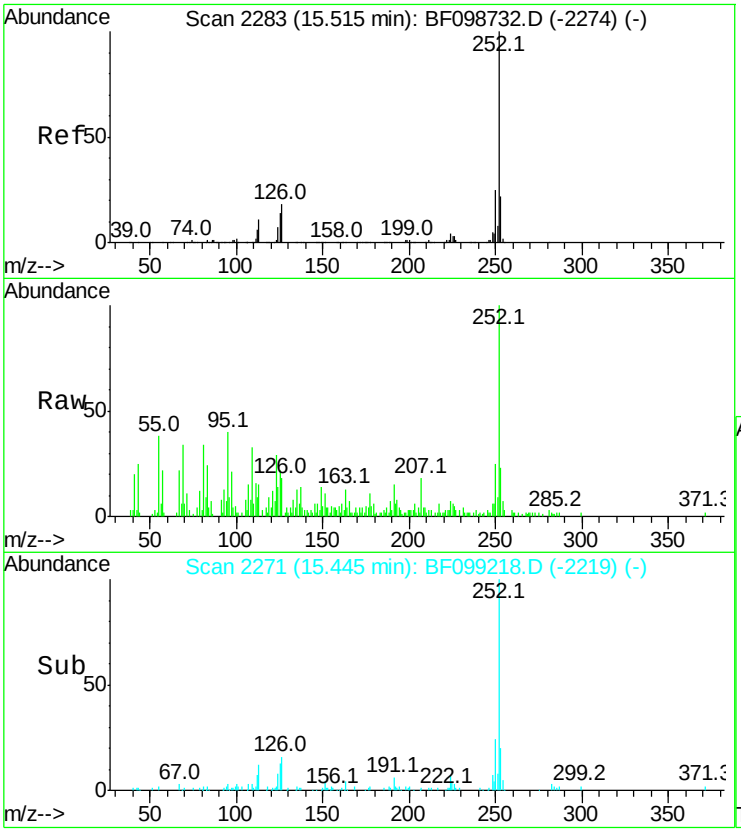


#88
Benzo(k)fluoranthene
Concen: 4.511 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:252 Resp: 45192

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	20.0	10.2	15.2#



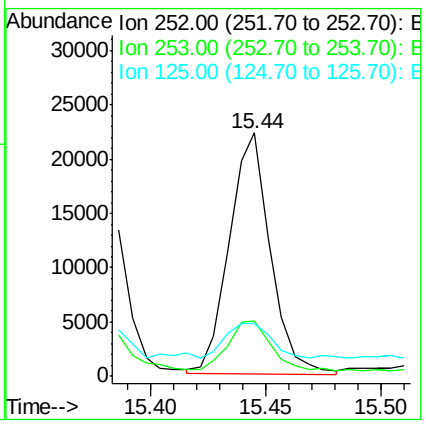


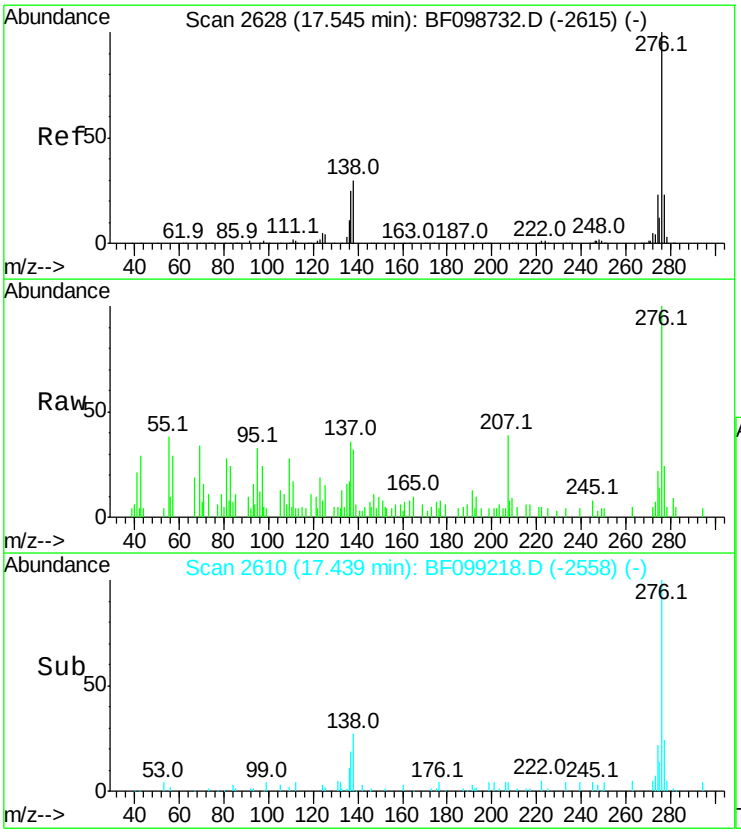
#89
Benzo(a)pyrene
Concen: 2.957 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27531

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	22.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.675 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.01 min
Lab File: BF099218.D
Acq: 8 Oct 2017 3:51

Tgt Ion:276 Resp: 19700

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	31.6	21.8	32.8