Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
Data File : BF094922.D
Acq On : 5 May 2017 18:00
Operator : SJ/MA
Sample : I2930-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 05 18:28:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90587	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	358455	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	172131	20.00	ng		-0.01
63) Phenanthrene-d10	14.98	188	287191	20.00	ng		0.00
75) Chrysene-d12	18.64	240	281653	20.00	ng		-0.02
86) Perylene-d12	20.30	264	192366	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	49911	9.19	ng		0.01
7) Phenol-d6	7.28	99	69345	10.64	ng		0.00
23) Nitrobenzene-d5	8.62	82	41320	7.27	ng		-0.02
41) 2,4,6-Tribromophenol	13.88	330	13613	9.66	ng		0.00
44) 2-Fluorobiphenyl	11.51	172	91059	7.61	ng		-0.02
78) Terphenyl-d14	17.29	244	83462	6.53	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	9.77	128	65636	3.64	ng	#	92
32) Benzoic acid	9.61	122	1292	5.42	ng	#	49
35) Caprolactam	10.54	113	28146	19.10	ng	#	68
37) 2-Methylnaphthalene	10.91	142	710815	60.12	ng		98
51) Acenaphthene	12.62	154	34749	3.17	ng		97
53) 2,4-Dinitrophenol	12.92	184	386	6.47	ng	#	1
54) Dibenzofuran	12.92	168	46729	3.08	ng	#	67
55) 4-Nitrophenol	13.01	139	15367	8.27	ng		86
56) 2,4-Dinitrotoluene	12.94	165	21930	5.92	ng	#	50
57) Fluorene	13.47	166	80200	6.09	ng	#	98
65) n-Nitrosodiphenylamine	13.69	169	97055	9.31	ng	#	60
69) Pentachlorophenol	14.52	266	107	5.93	ng	#	18
70) Phenanthrene	15.01	178	281644	17.07	ng		98
71) Anthracene	15.01	178	281644	16.71	ng		99
76) Benzidine	16.95	184	276	6.62	ng	#	1

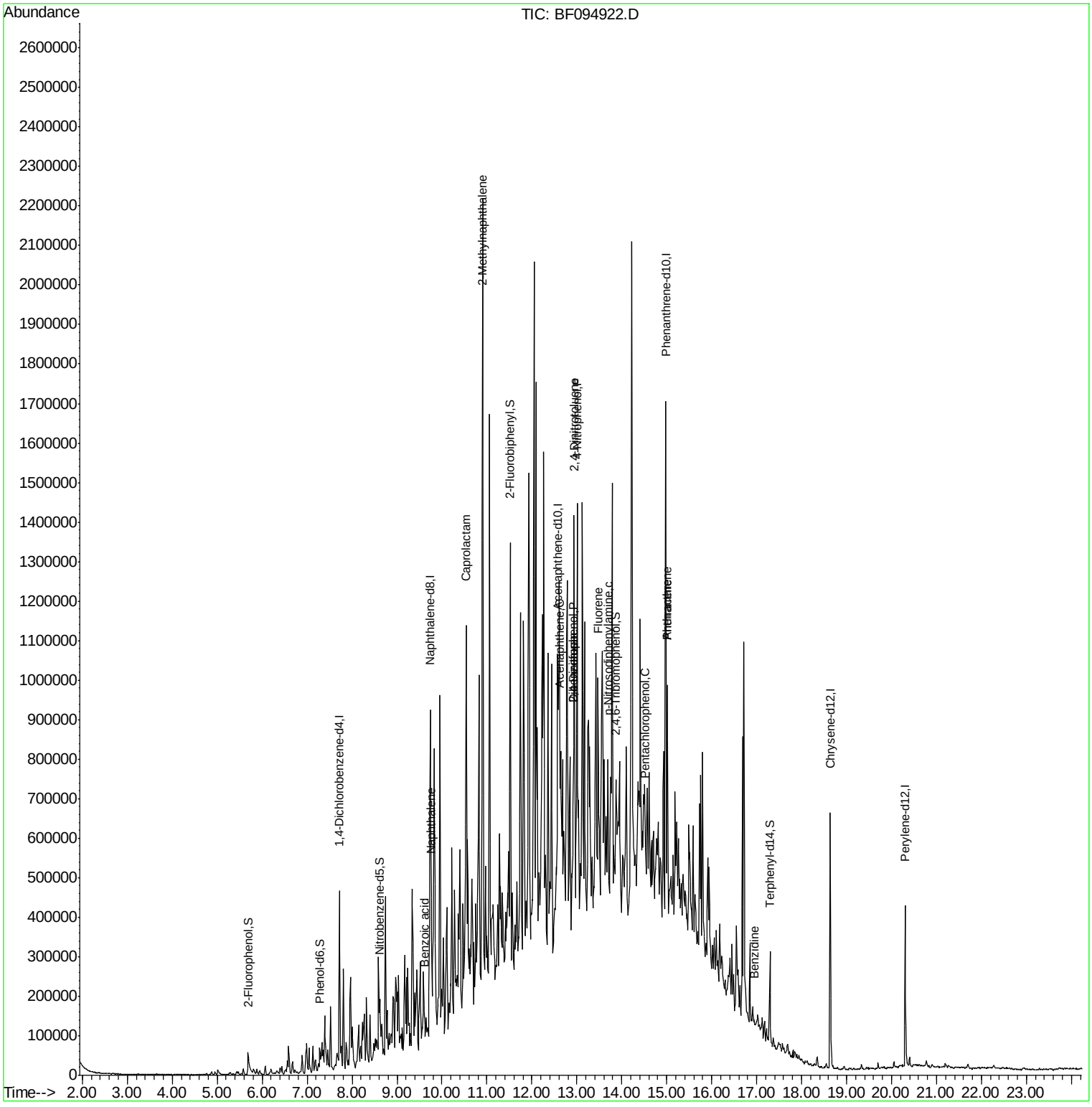
(#) = qualifier out of range (m) = manual integration (+) = signals summed

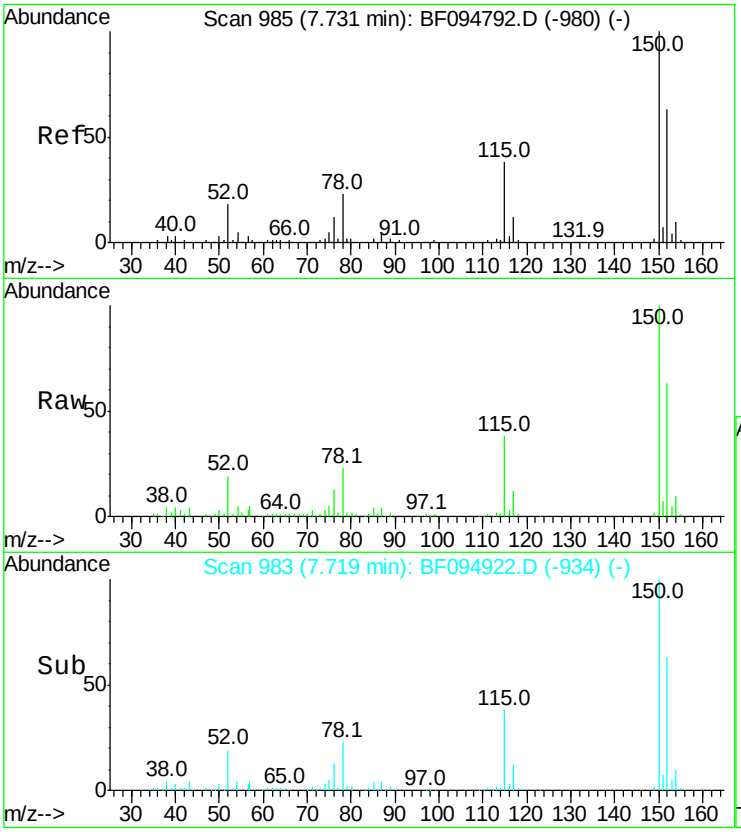
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
Data File : BF094922.D
Acq On : 5 May 2017 18:00
Operator : SJ/MA
Sample : I2930-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 05 18:28:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



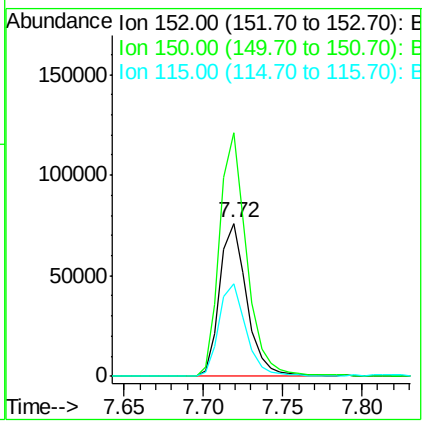


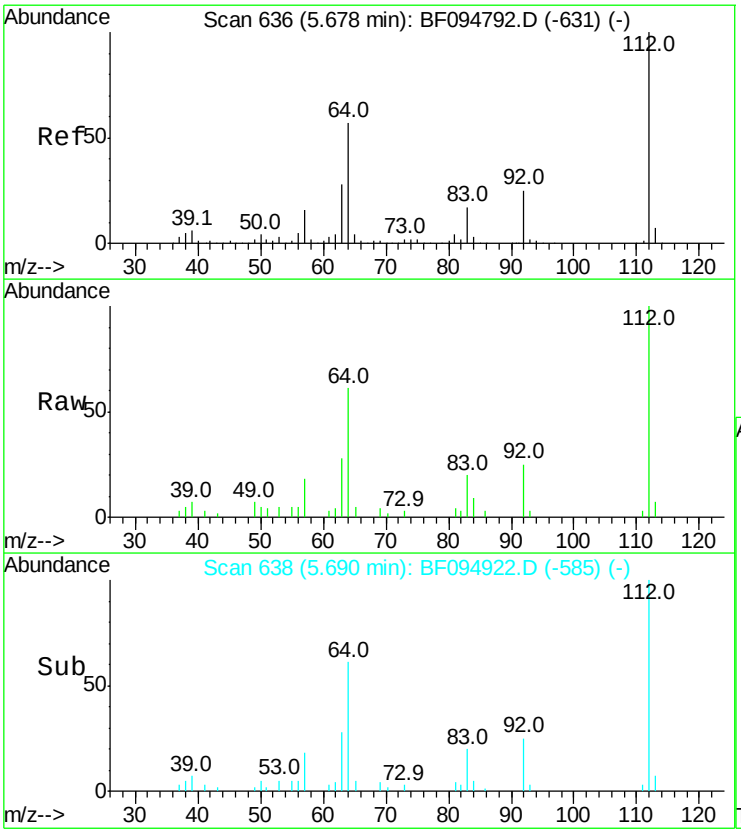
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90587

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	60.5	52.2	78.2

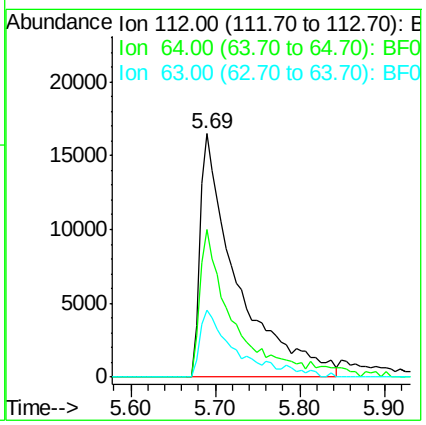


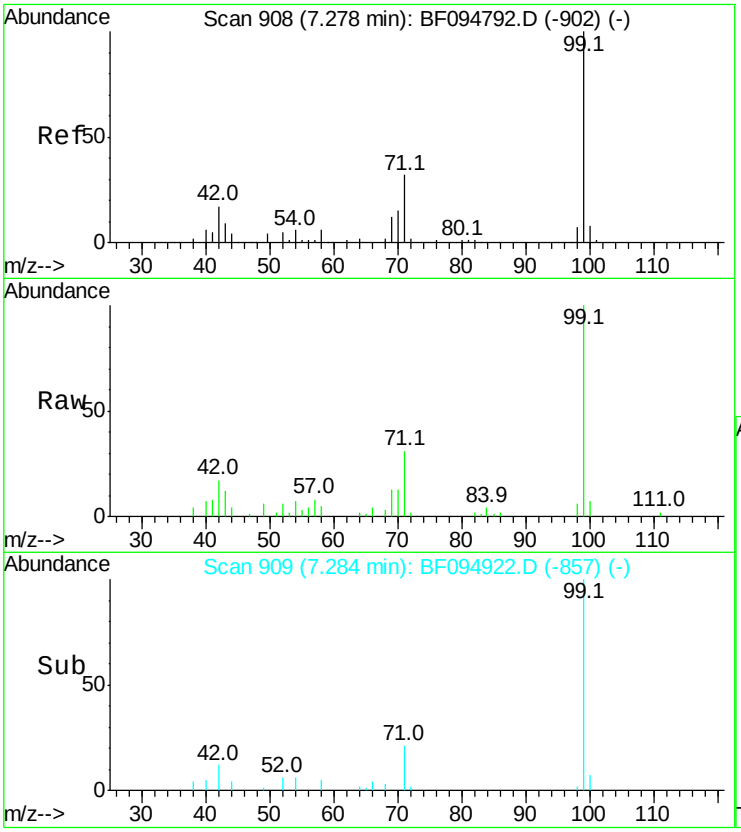


#5
2-Fluorophenol
Concen: 9.19 ng
RT: 5.69 min Scan# 638
Delta R.T. 0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:112 Resp: 49911

Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.0	69.0
63	27.8	23.4	35.0



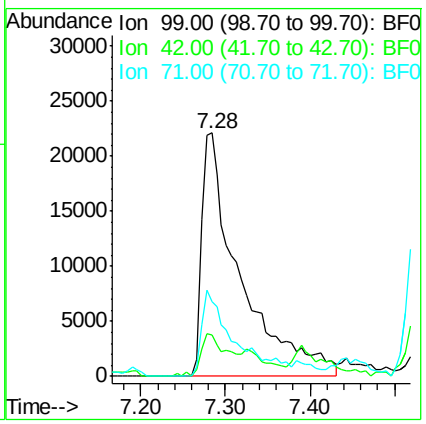


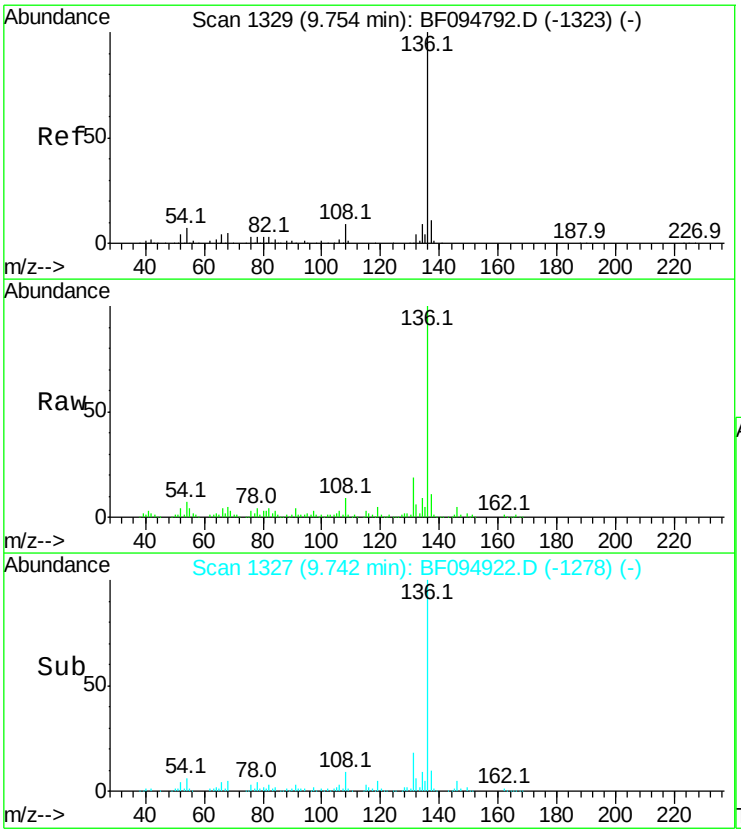
#7
Phenol-d6
Concen: 10.64 ng
RT: 7.28 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 69345

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	30.8	24.5	36.7

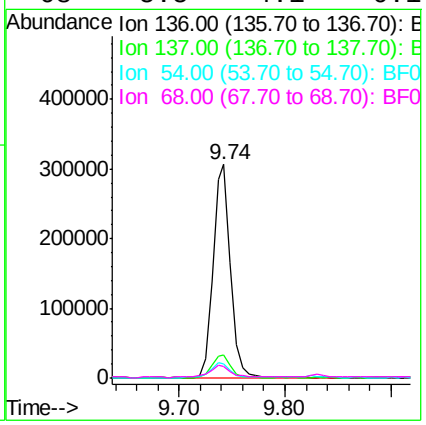


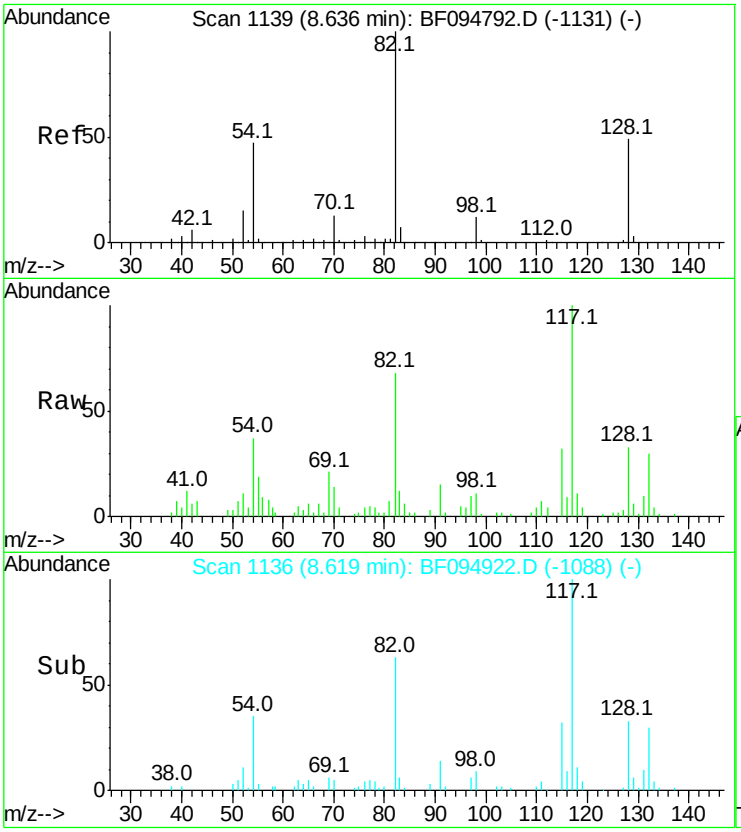


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:136 Resp: 358455

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	4.9	7.3
68	5.5	4.1	6.1

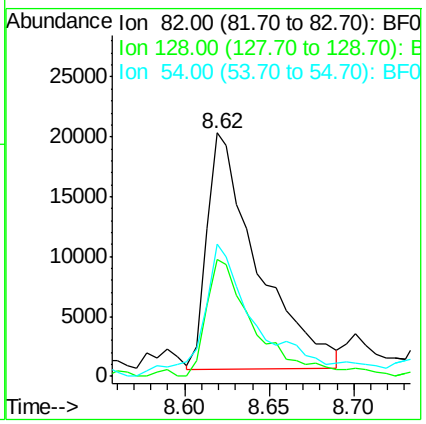




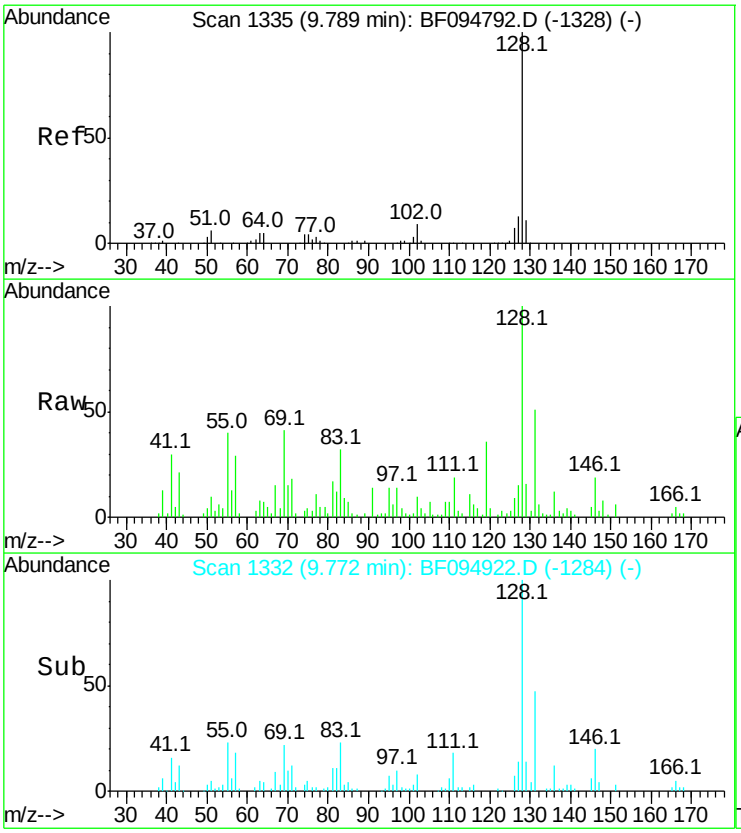
#23
Nitrobenzene-d5
Concen: 7.27 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion: 82 Resp: 41320

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	54.1	42.2	63.2



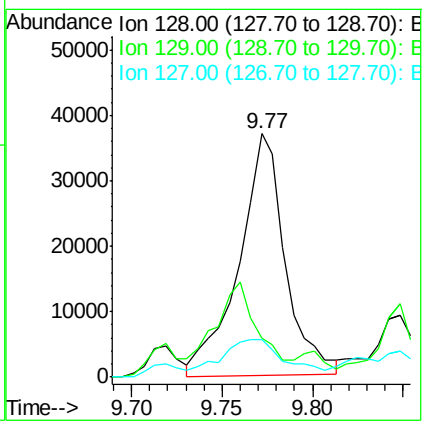
Instrument :
BNA_F
ClientSampleId :

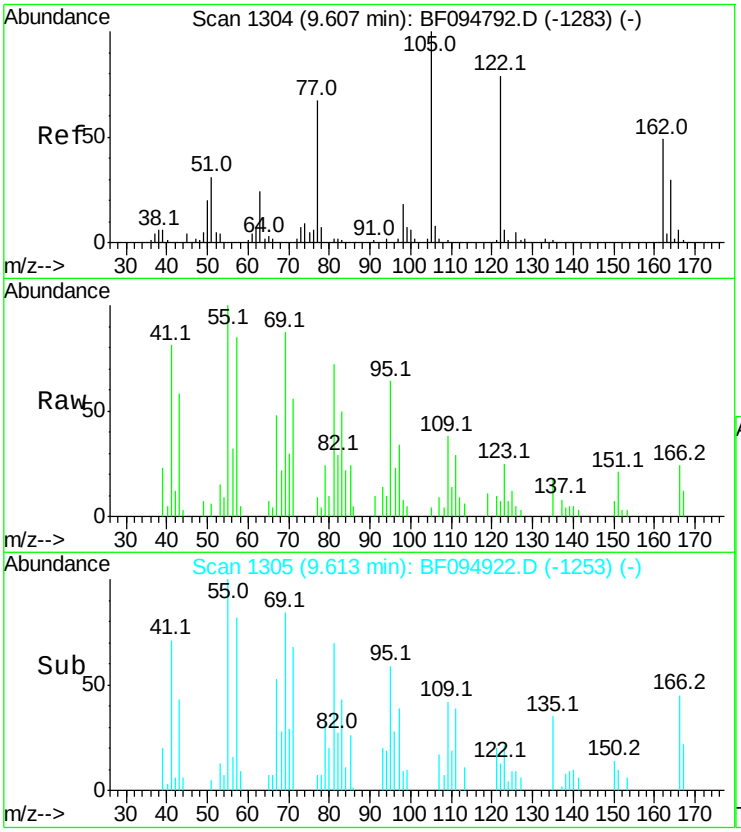


#31
Naphthalene
Concen: 3.64 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:128 Resp: 65636

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.0	13.6#
127	15.2	10.8	16.2



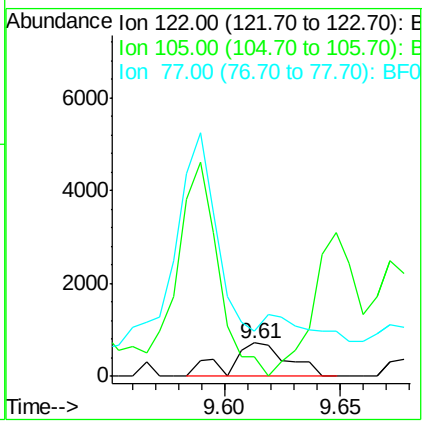


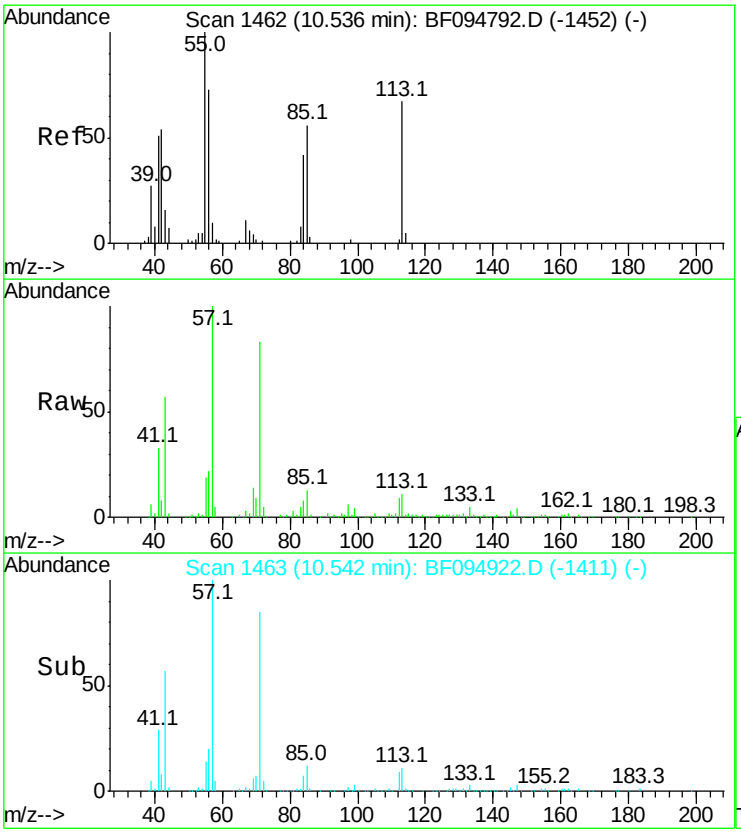
#32
Benzoic acid
Concen: 5.42 ng
RT: 9.61 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1292

Ion	Ratio	Lower	Upper
122	100		
105	58.0	103.3	143.3#
77	133.4	73.7	113.7#

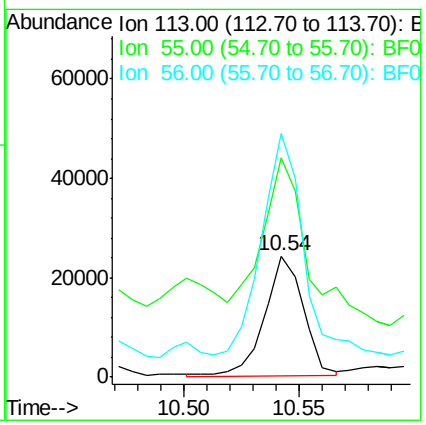


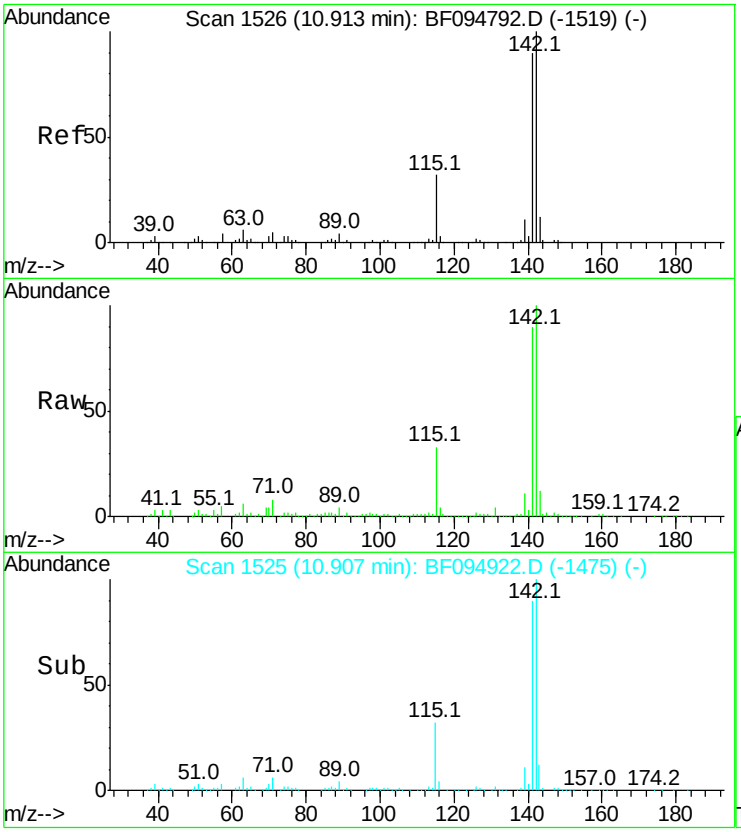


#35
Caprolactam
Concen: 19.10 ng
RT: 10.54 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:113 Resp: 28146

Ion	Ratio	Lower	Upper
113	100		
55	181.6	150.2	190.2
56	201.4	107.8	147.8#



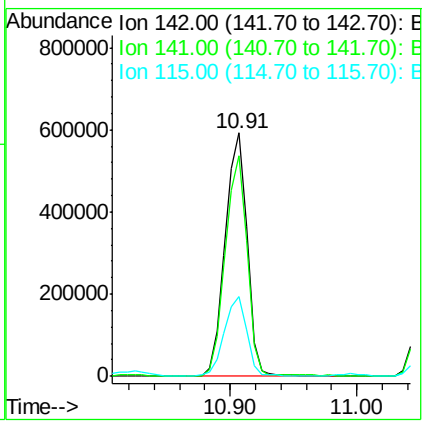


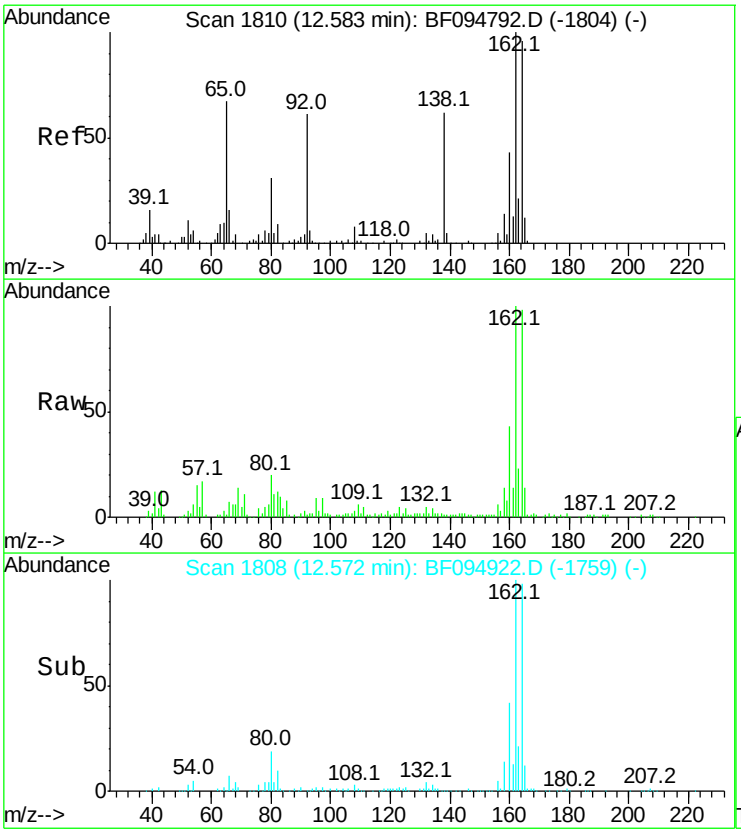
#37
2-Methylnaphthalene
Concen: 60.12 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 710815

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	32.7	27.1	40.7

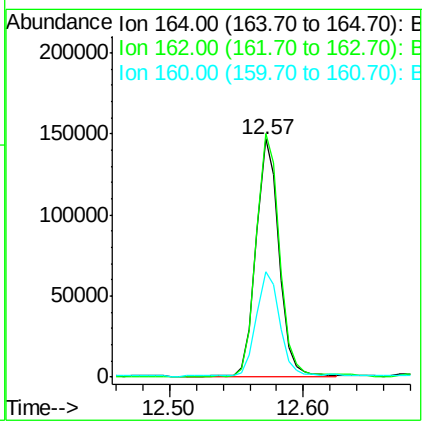


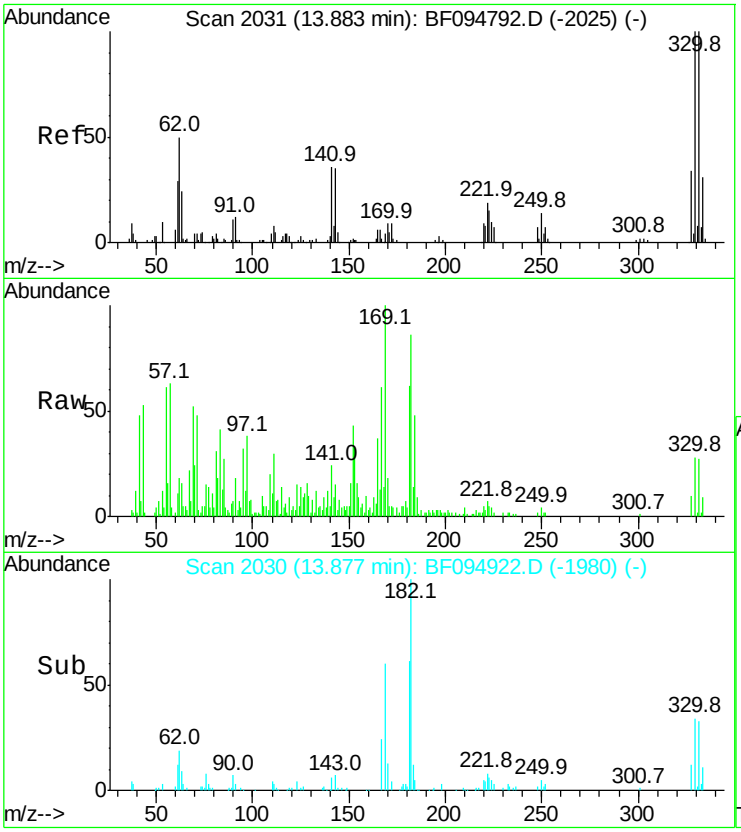


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:164 Resp: 172131

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	44.1	36.2	54.2



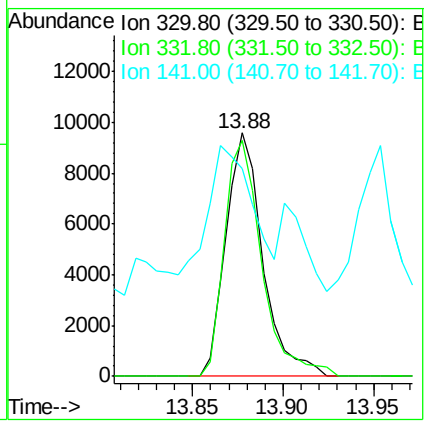


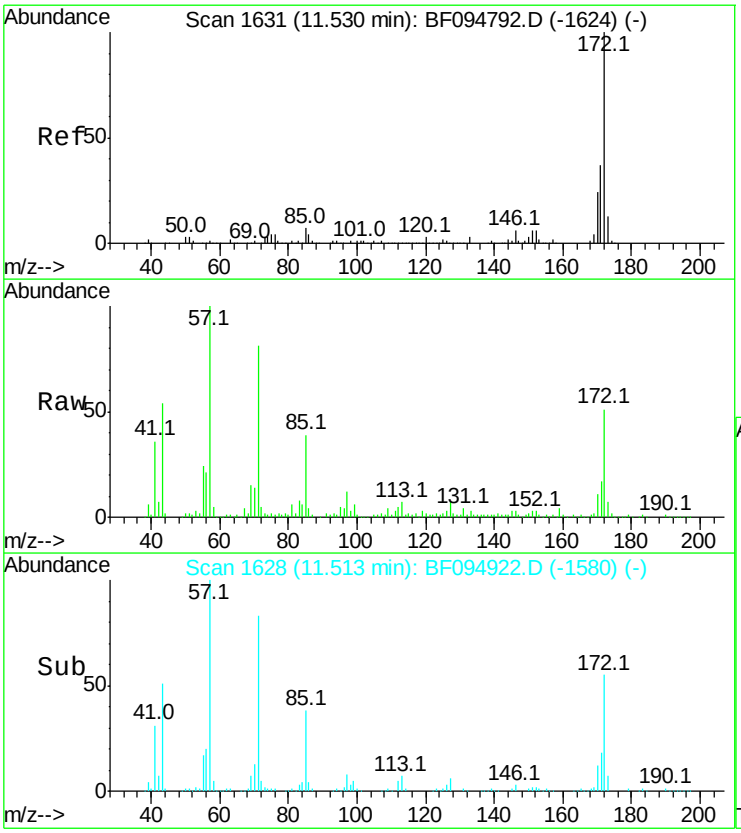
#41
2,4,6-Tribromophenol
Concen: 9.66 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13613

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	85.2	31.4	47.2#

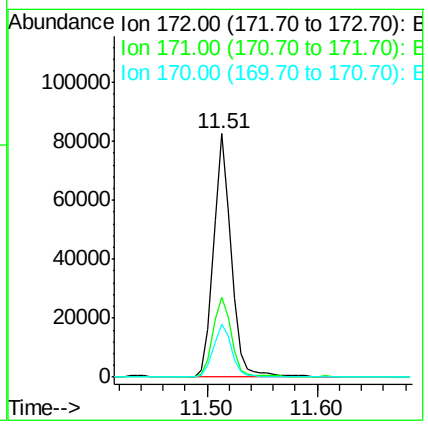


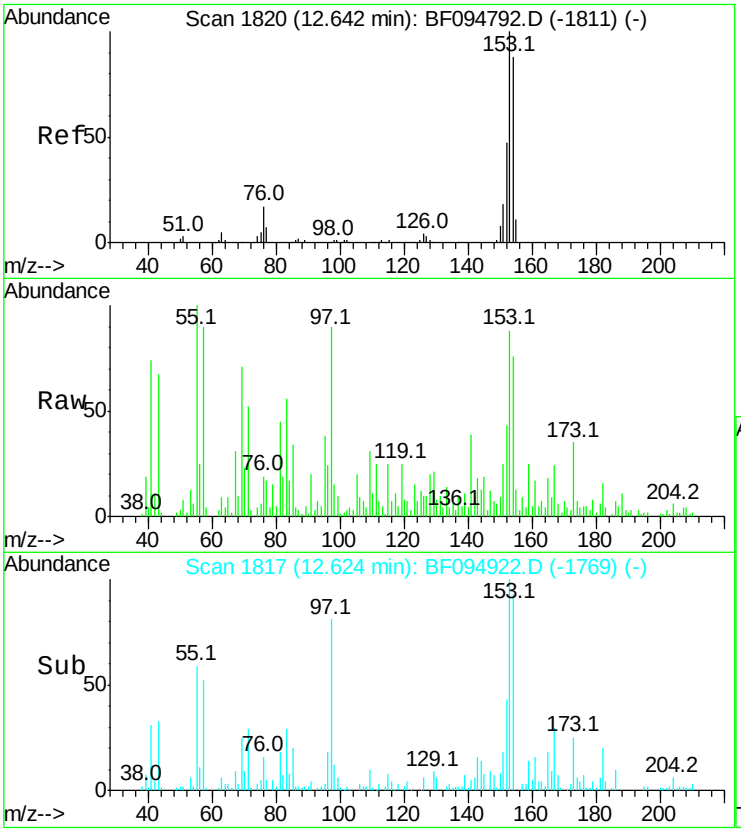


#44
2-Fluorobiphenyl
Concen: 7.61 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:172 Resp: 91059

Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.6	44.4
170	21.8	19.8	29.8



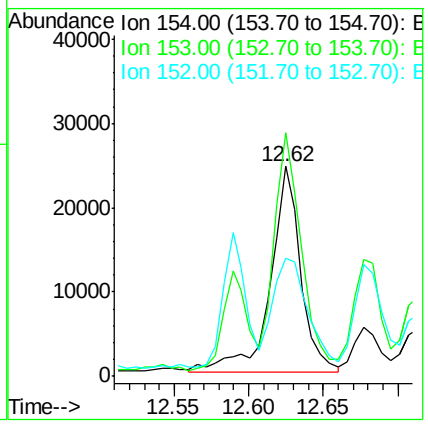


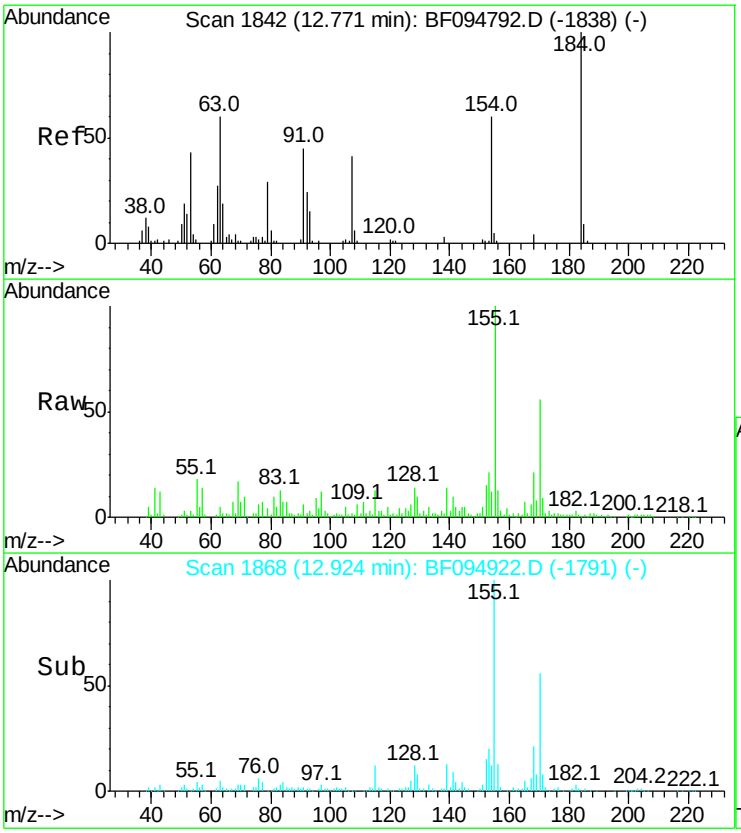
#51
Acenaphthene
Concen: 3.17 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34749

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.5	135.7
152	56.2	43.6	65.4

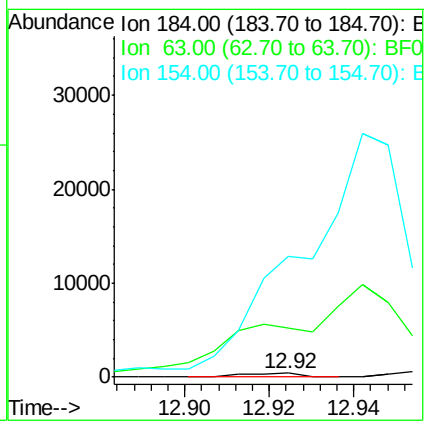


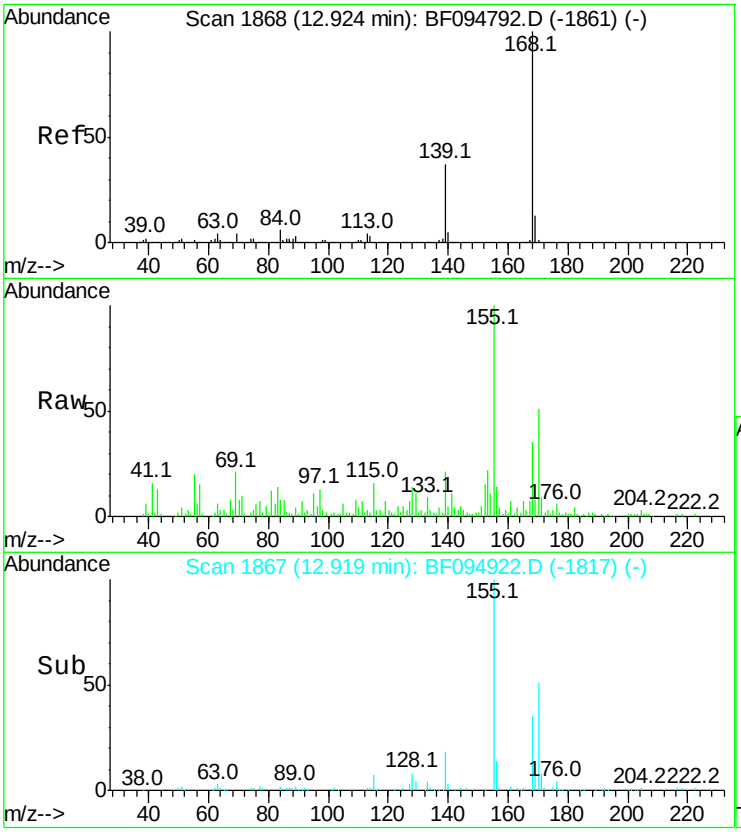


#53
2,4-Dinitrophenol
Concen: 6.47 ng
RT: 12.92 min Scan# 1868
Delta R.T. 0.15 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:184 Resp: 386

Ion	Ratio	Lower	Upper
184	100		
63	1237.3	62.7	94.1#
154	3042.7	81.1	121.7#



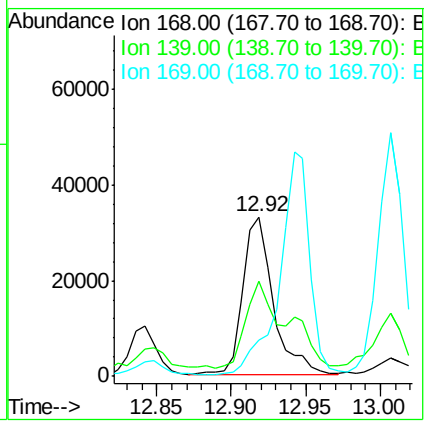


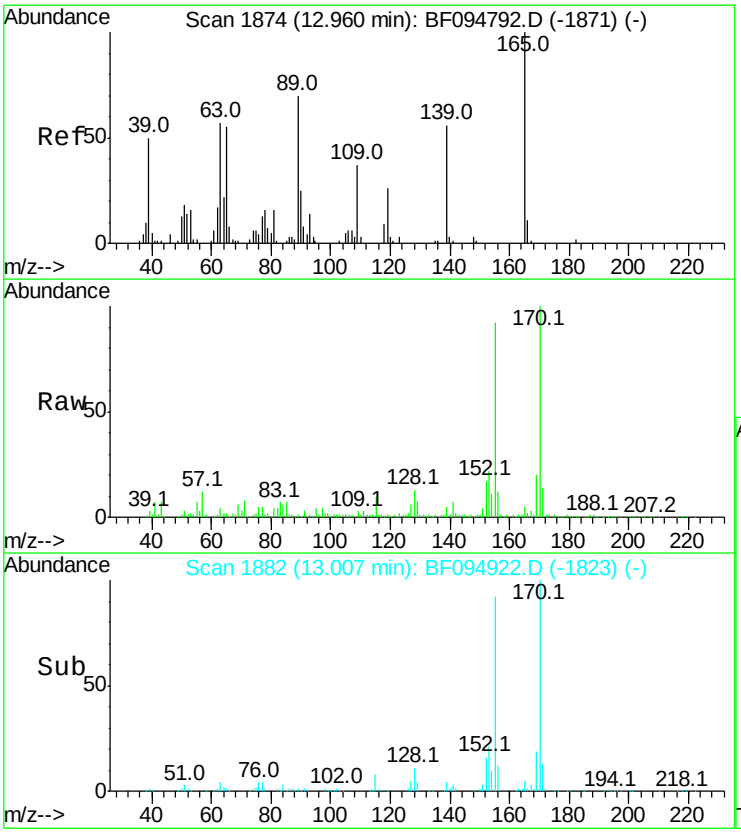
#54
Dibenzofuran
Concen: 3.08 ng
RT: 12.92 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 46729

Ion	Ratio	Lower	Upper
168	100		
139	59.9	30.6	45.8#
169	22.7	10.8	16.2#

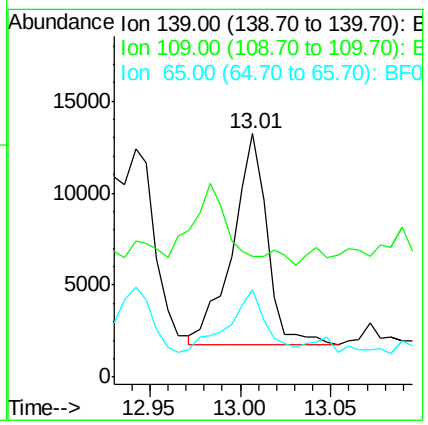


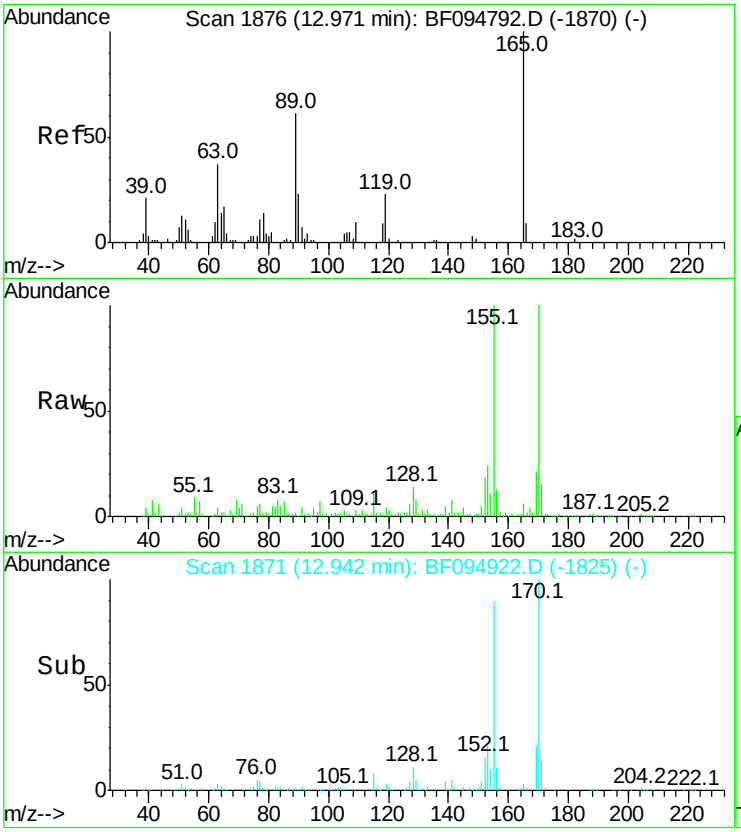


#55
4-Nitrophenol
Concen: 8.27 ng
RT: 13.01 min Scan# 1882
Delta R.T. 0.05 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:139 Resp: 15367

Ion	Ratio	Lower	Upper
139	100		
109	49.5	34.1	74.1
65	35.7	31.4	71.4



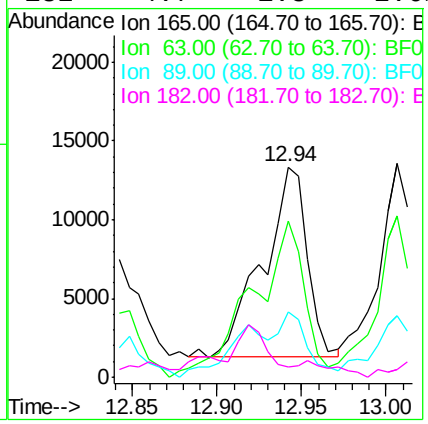


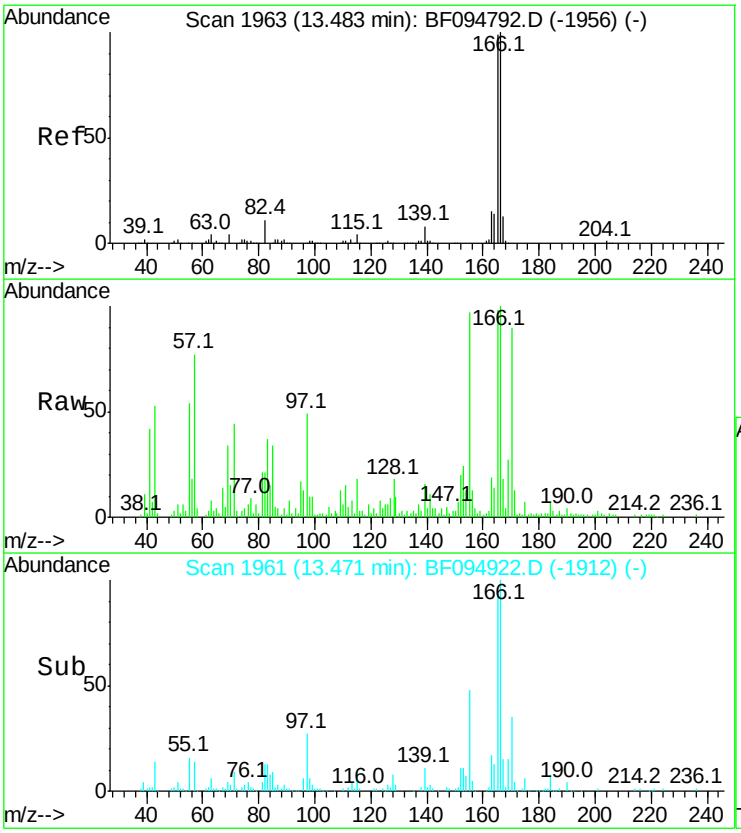
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21930

Ion	Ratio	Lower	Upper
165	100		
63	74.3	25.4	38.0#
89	30.9	46.4	69.6#
182	4.7	1.8	2.6#

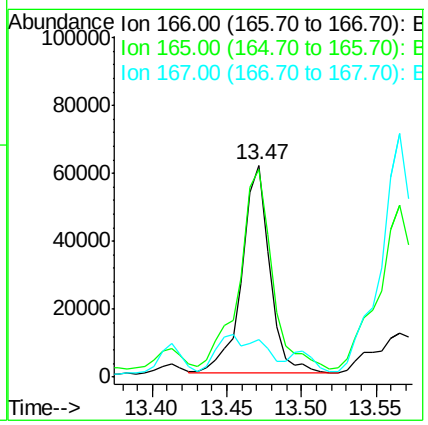


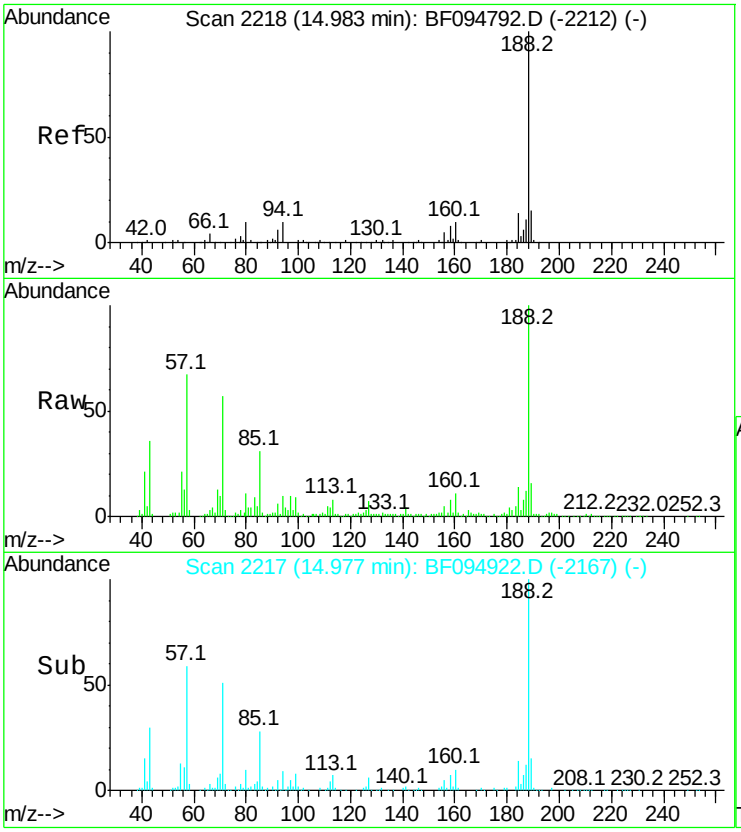


#57
Fluorene
Concen: 6.09 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:166 Resp: 80200

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.8	118.2
167	17.7	10.6	16.0#



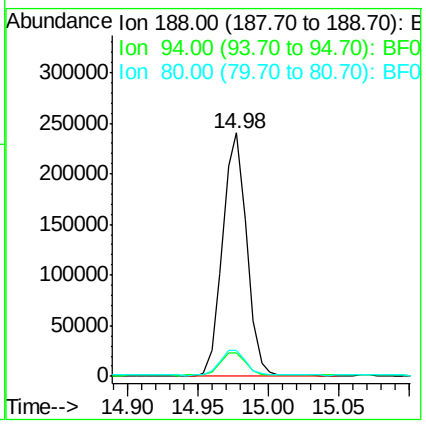


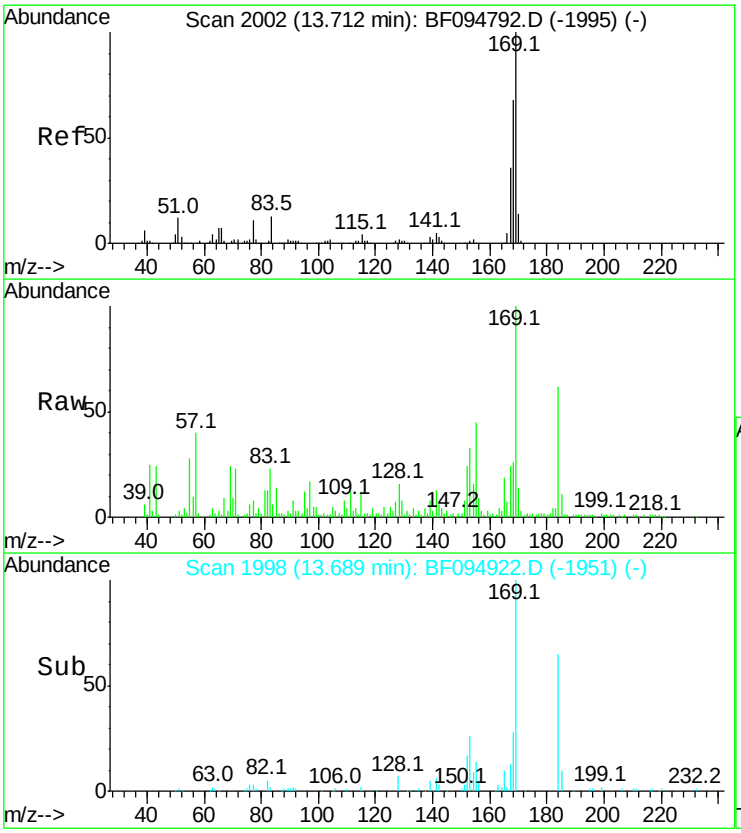
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 287191

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.9	10.2	15.2

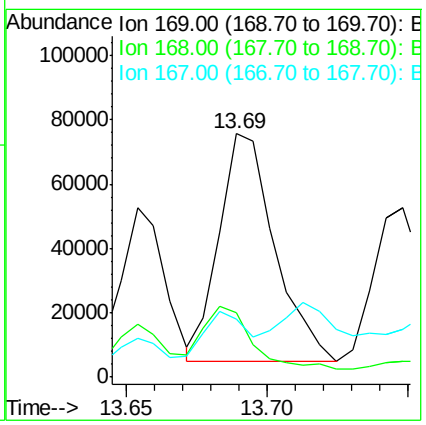


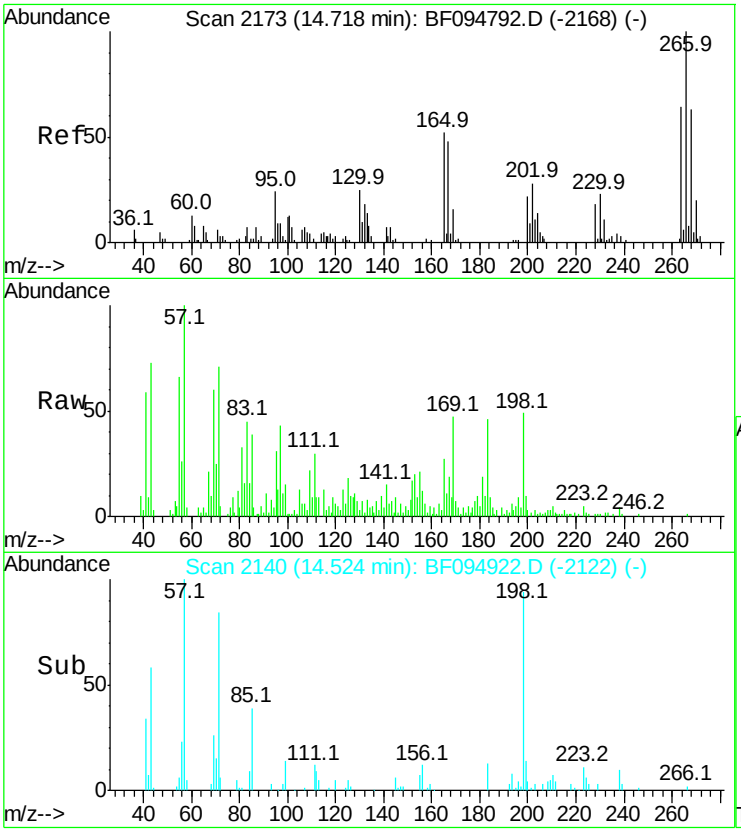


#65
n-Nitrosodiphenylamine
Concen: 9.31 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:169 Resp: 97055

Ion	Ratio	Lower	Upper
169	100		
168	26.3	53.2	79.8#
167	23.6	29.5	44.3#



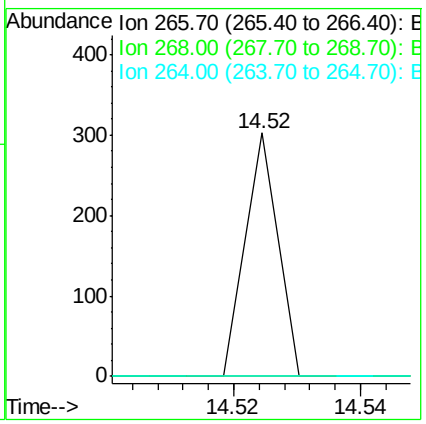


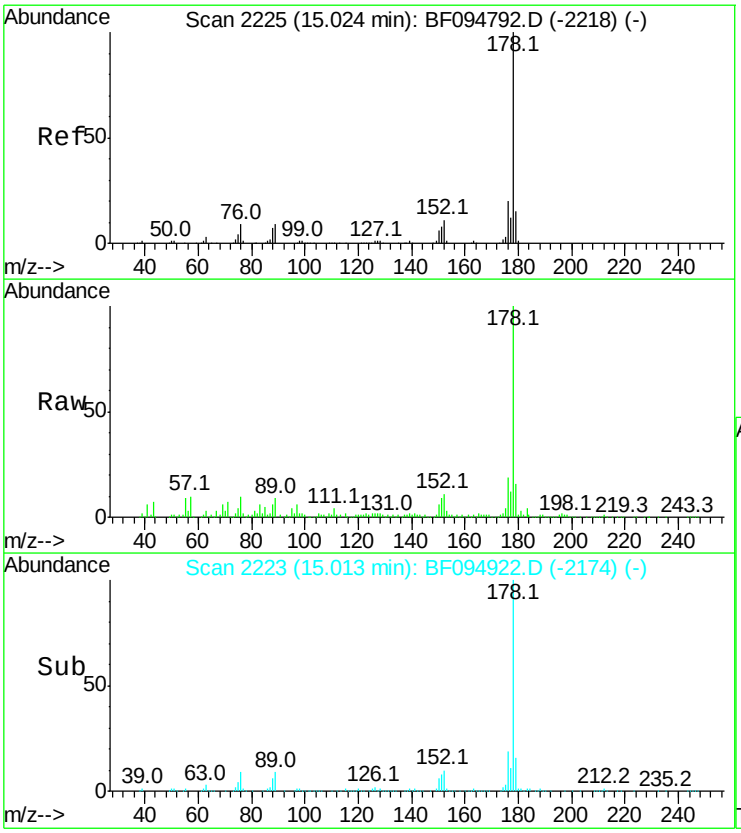
#69
Pentachlorophenol
Concen: 5.93 ng
RT: 14.52 min Scan# 2140
Delta R.T. -0.19 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	51.7	77.5#

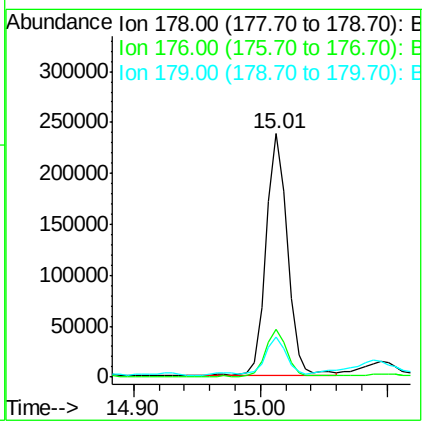


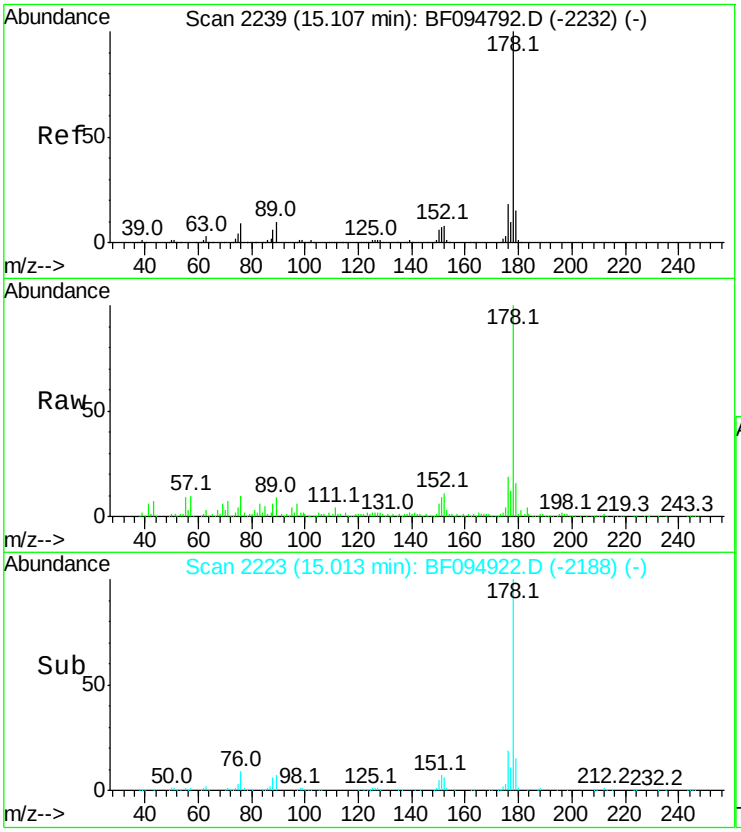


#70
Phenanthrene
Concen: 17.07 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:178 Resp: 281644

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	16.5	12.6	19.0



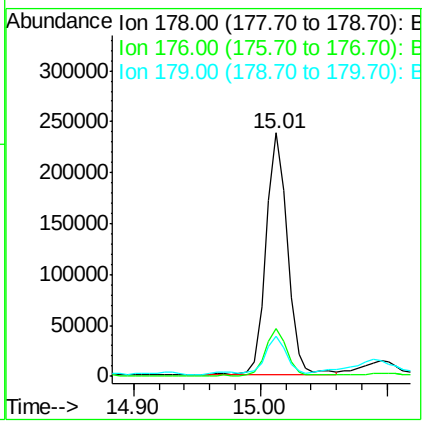


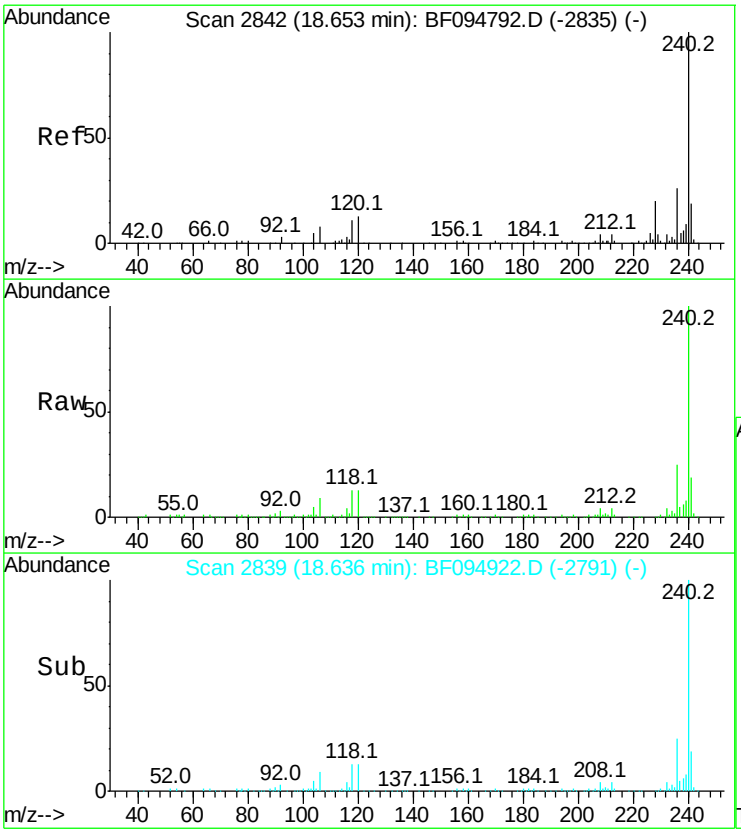
#71
Anthracene
Concen: 16.71 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.09 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 281644

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.5	12.7	19.1

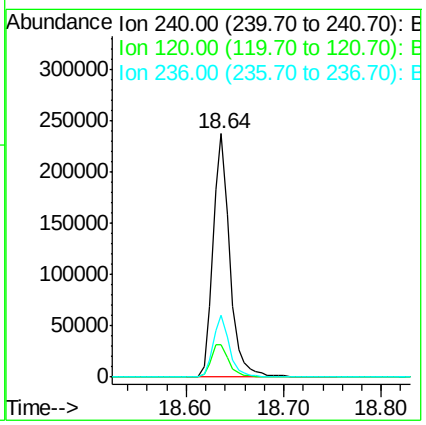


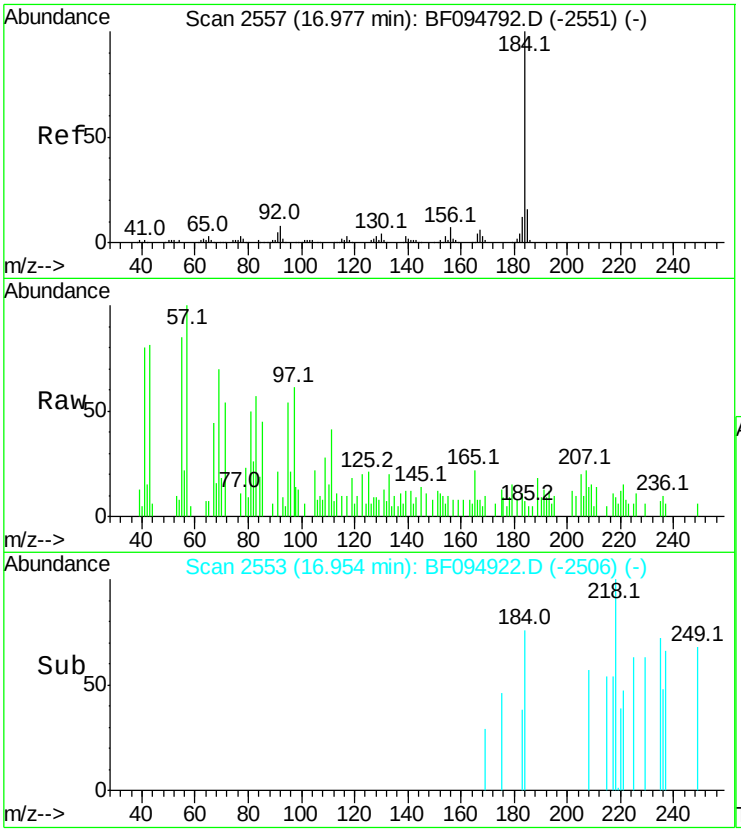


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:240 Resp: 281653

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.3	20.5	30.7



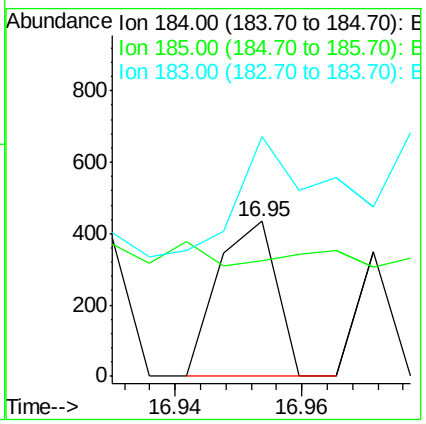


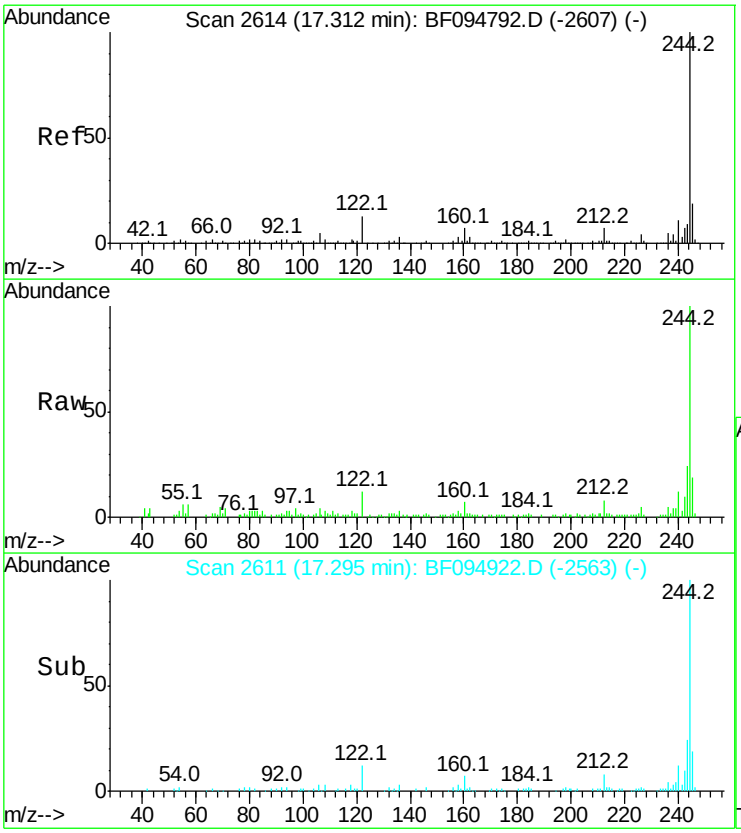
#76
Benzidine
Concen: 6.62 ng
RT: 16.95 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 276

Ion	Ratio	Lower	Upper
184	100		
185	74.5	15.5	23.3#
183	154.5	9.8	14.6#

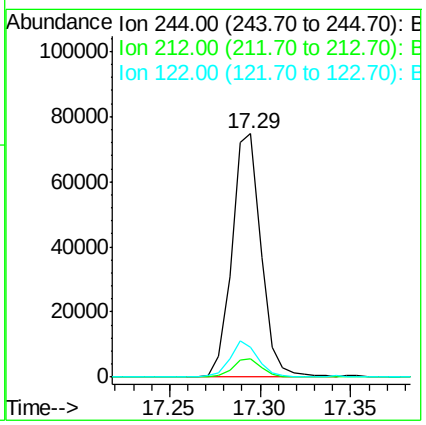


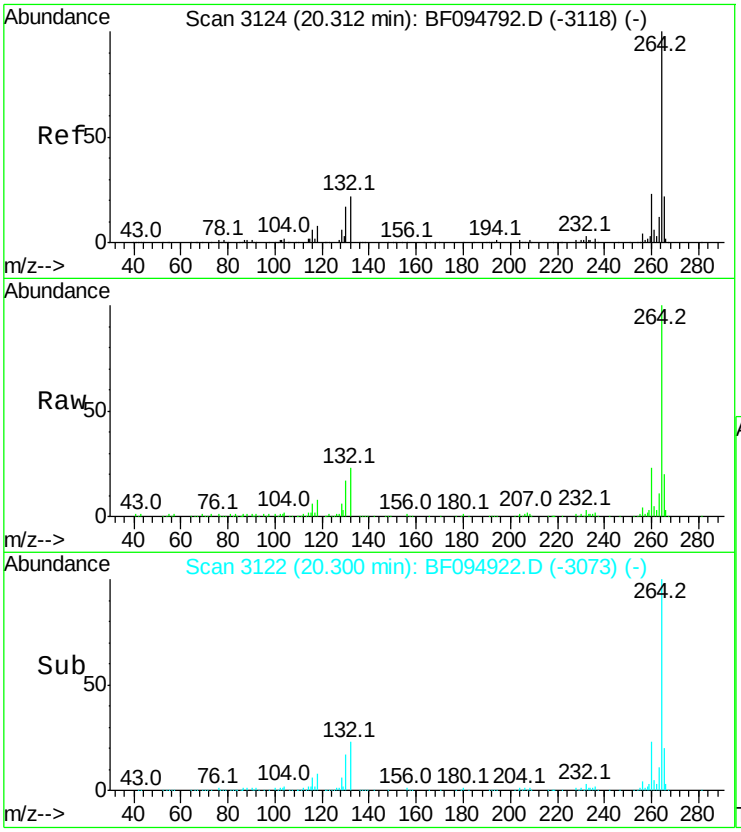


#78
Terphenyl-d14
Concen: 6.53 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Tgt Ion:244 Resp: 83462

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094922.D
Acq: 5 May 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 192366

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.2	17.2	25.8