Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095653.D
Acq On : 3 Jun 2017 1:26
Operator : SJ/MA
Sample : I3441-09 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 05 04:59:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	91910	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	362638	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	145493	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	211021	20.00	ng		0.00
75) Chrysene-d12	18.50	240	172797	20.00	ng		0.00
86) Perylene-d12	20.17	264	118099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	90317	16.38	ng		0.04
7) Phenol-d6	7.12	99	108234	16.36	ng		0.02
23) Nitrobenzene-d5	8.46	82	65447	11.38	ng		0.00
41) 2,4,6-Tribromophenol	13.71	330	17646	14.81	ng		0.01
44) 2-Fluorobiphenyl	11.35	172	143804	14.23	ng		0.00
78) Terphenyl-d14	17.14	244	87034	11.09	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	9.60	128	38264	2.10	ng		98
50) 2,6-Dinitrotoluene	12.40	165	18961	7.78	ng	#	31
55) 4-Nitrophenol	12.76	139	4149	2.64	ng	#	25
70) Phenanthrene	14.84	178	66527	5.49	ng		97
71) Anthracene	14.84	178	66527	5.37	ng		98
74) Fluoranthene	16.60	202	41600	3.34	ng		97
76) Benzidine	16.68	184	108	6.61	ng	#	1
77) Pyrene	16.91	202	38419	2.97	ng		95

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

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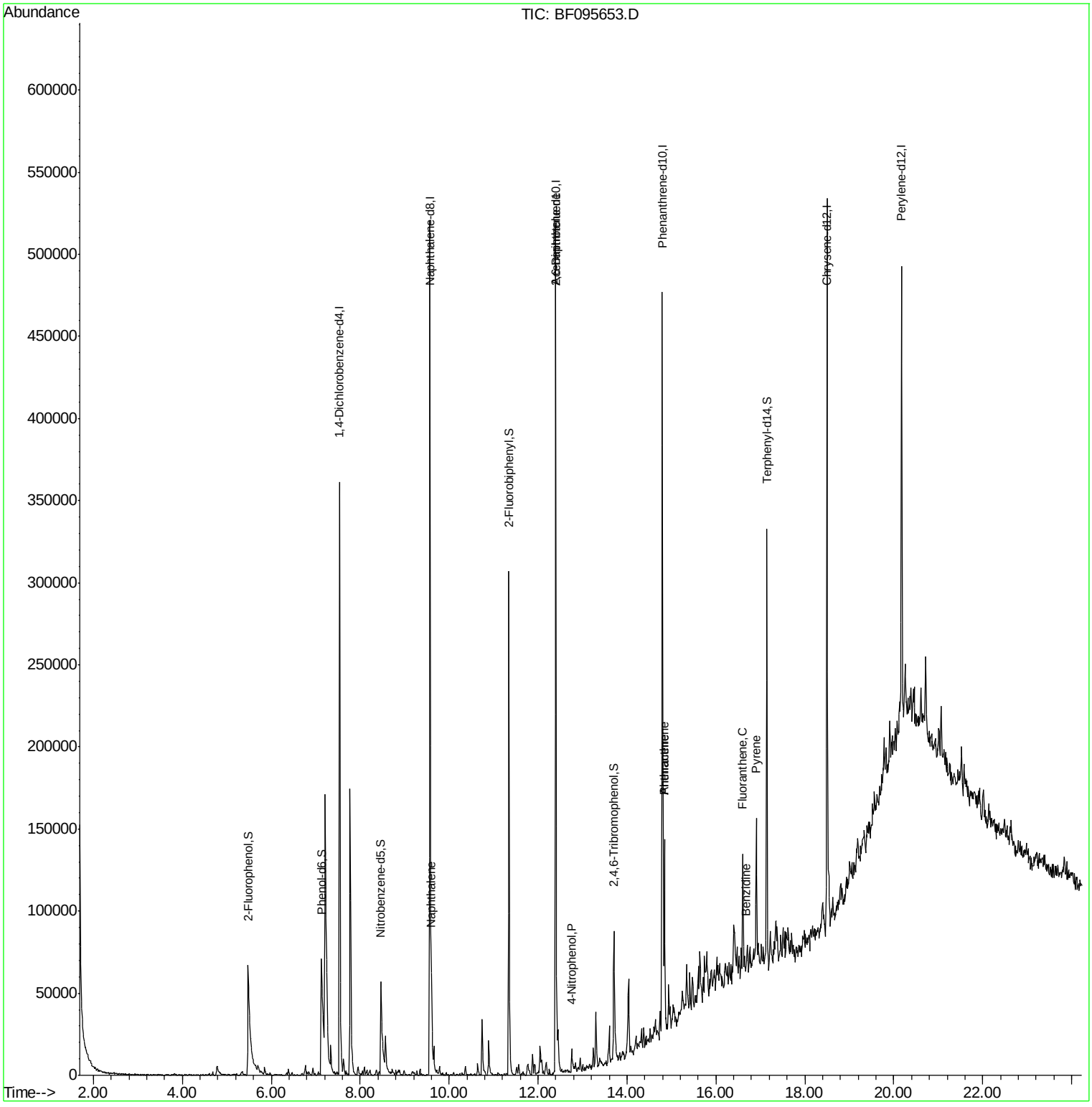
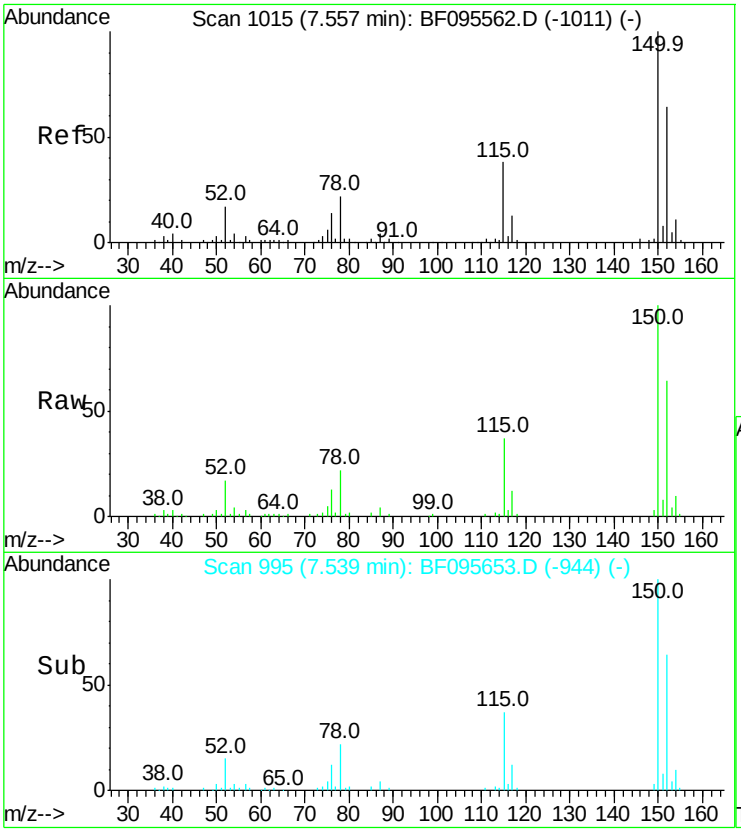


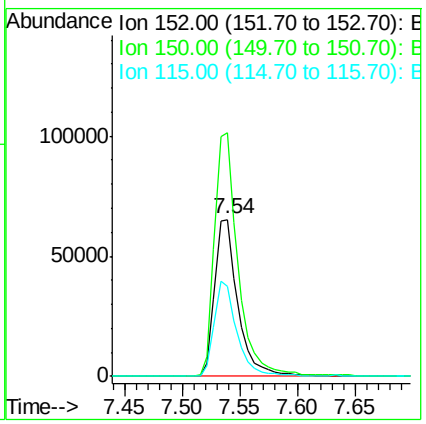


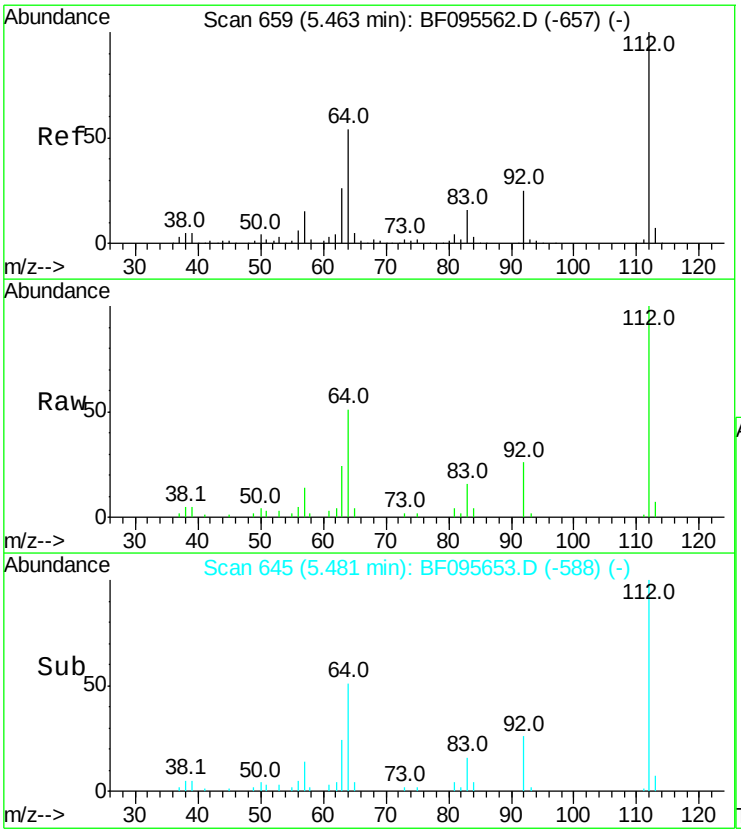
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91910

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	57.5	52.2	78.2

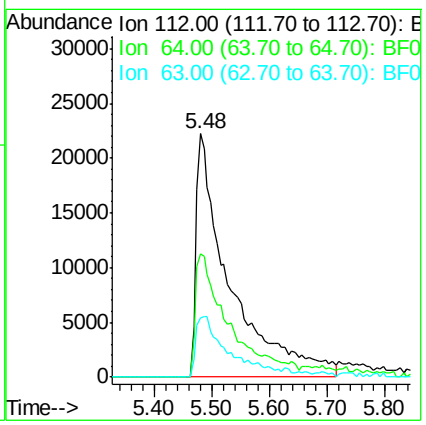


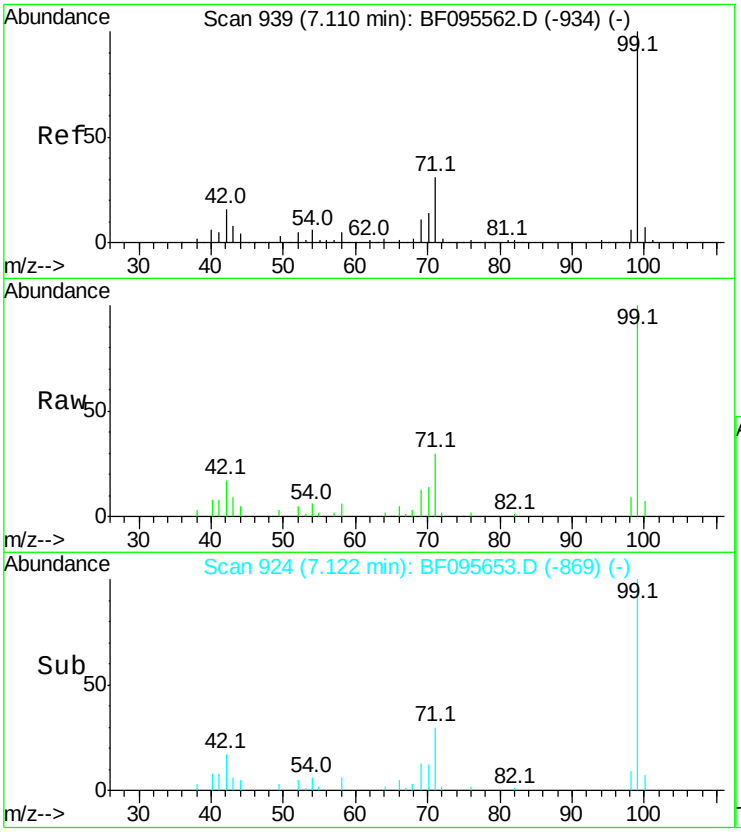


#5
2-Fluorophenol
Concen: 16.38 ng
RT: 5.48 min Scan# 645
Delta R.T. 0.04 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:112 Resp: 90317

Ion	Ratio	Lower	Upper
112	100		
64	50.5	46.0	69.0
63	24.3	23.4	35.0



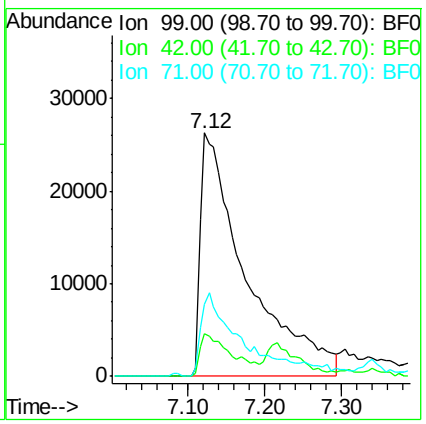


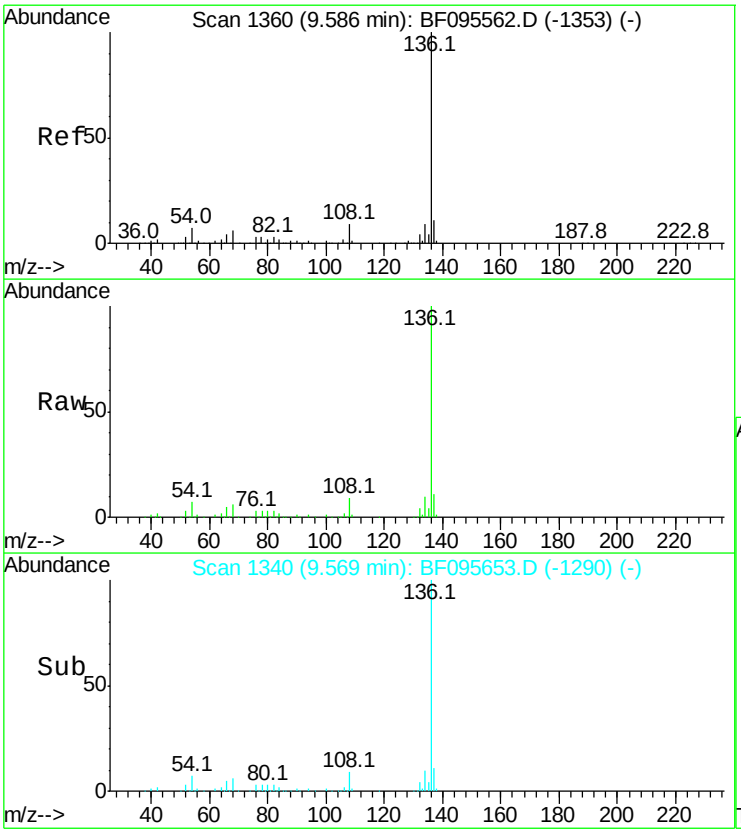
#7
Phenol-d6
Concen: 16.36 ng
RT: 7.12 min Scan# 924
Delta R.T. 0.02 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 108234

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	29.6	24.5	36.7

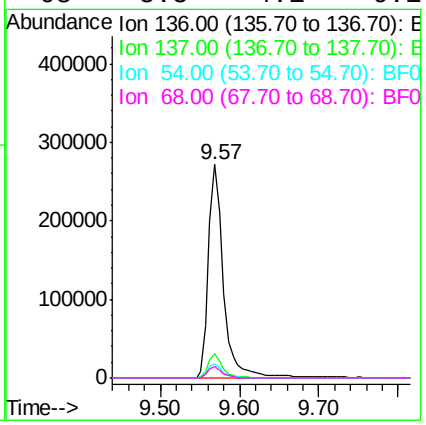


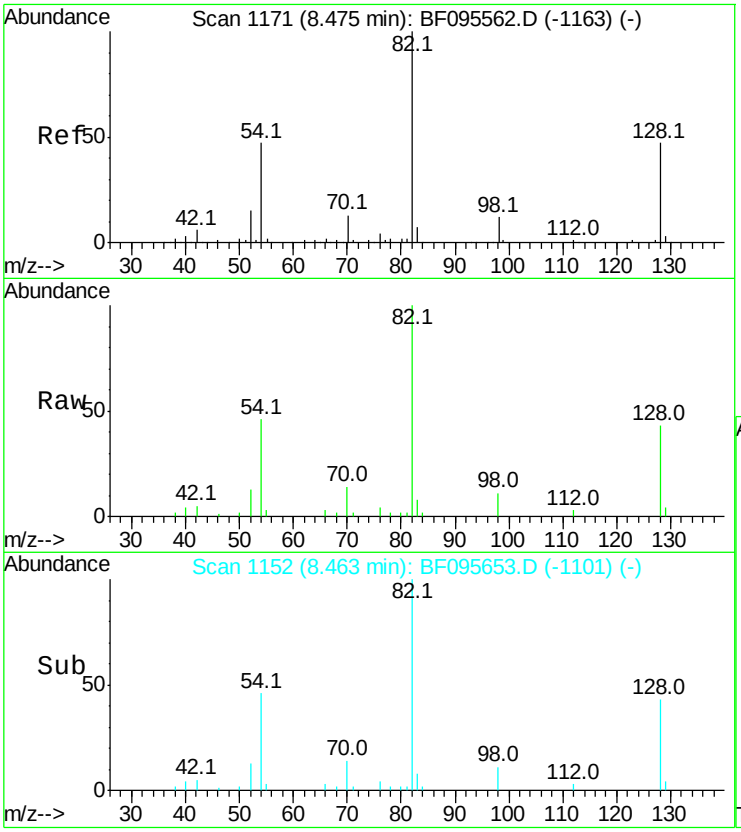


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:136 Resp: 362638

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1



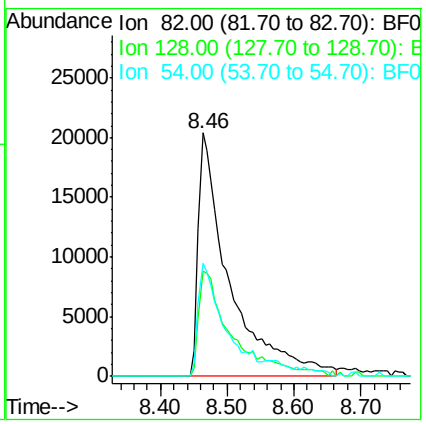


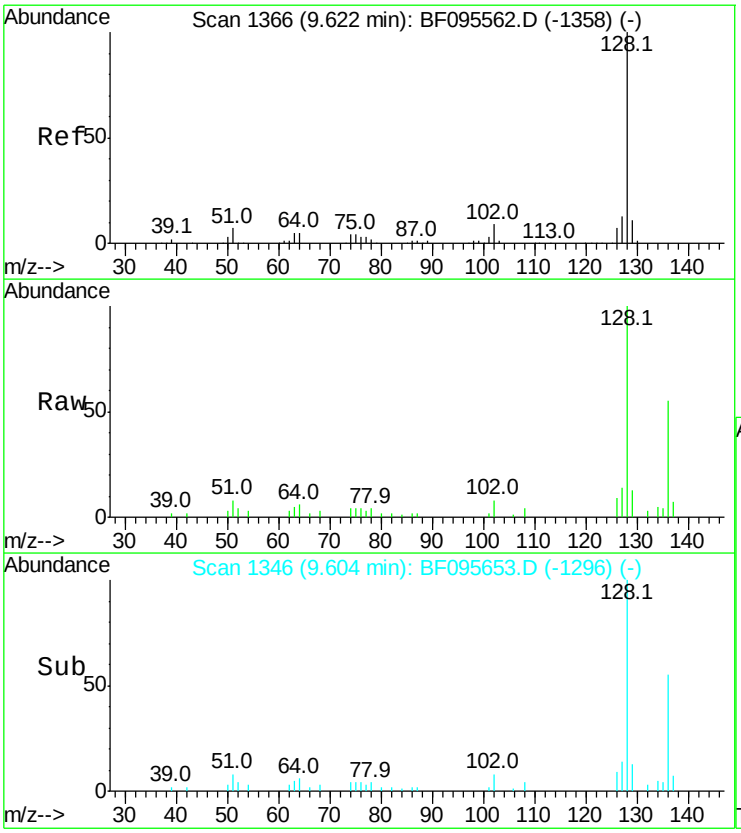
#23
Nitrobenzene-d5
Concen: 11.38 ng
RT: 8.46 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 65447

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	46.4	42.2	63.2

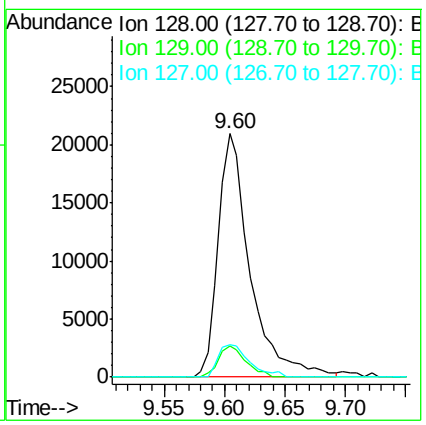


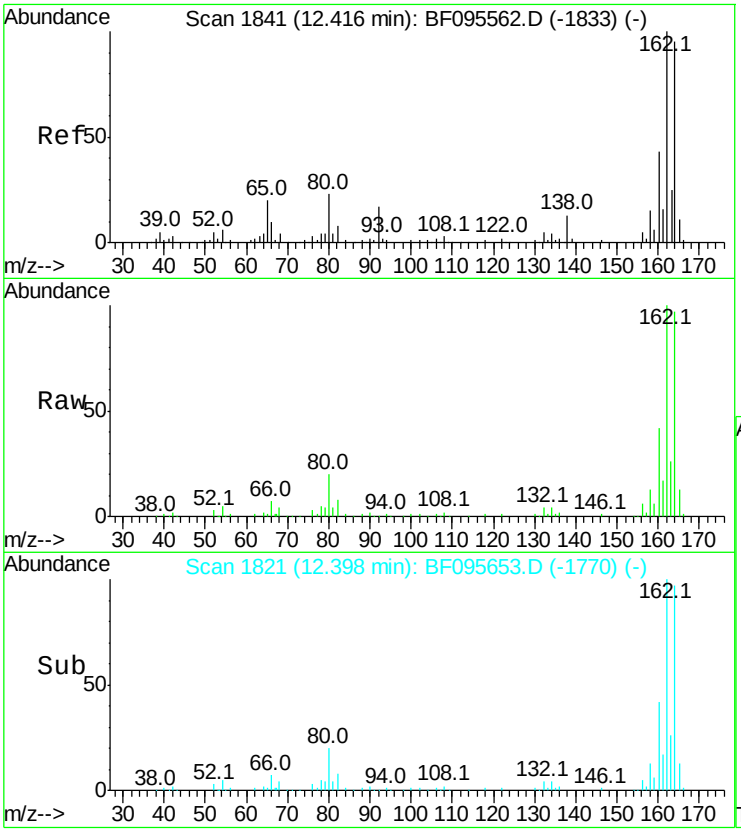


#31
Naphthalene
Concen: 2.10 ng
RT: 9.60 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:128 Resp: 38264

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	13.5	10.8	16.2



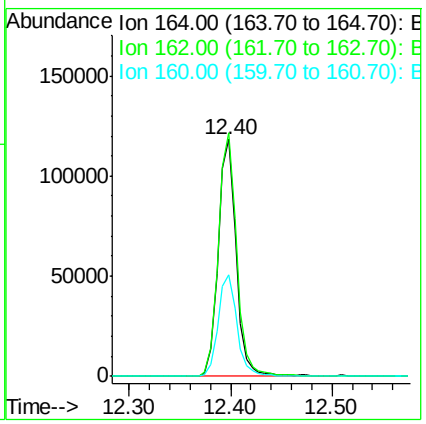


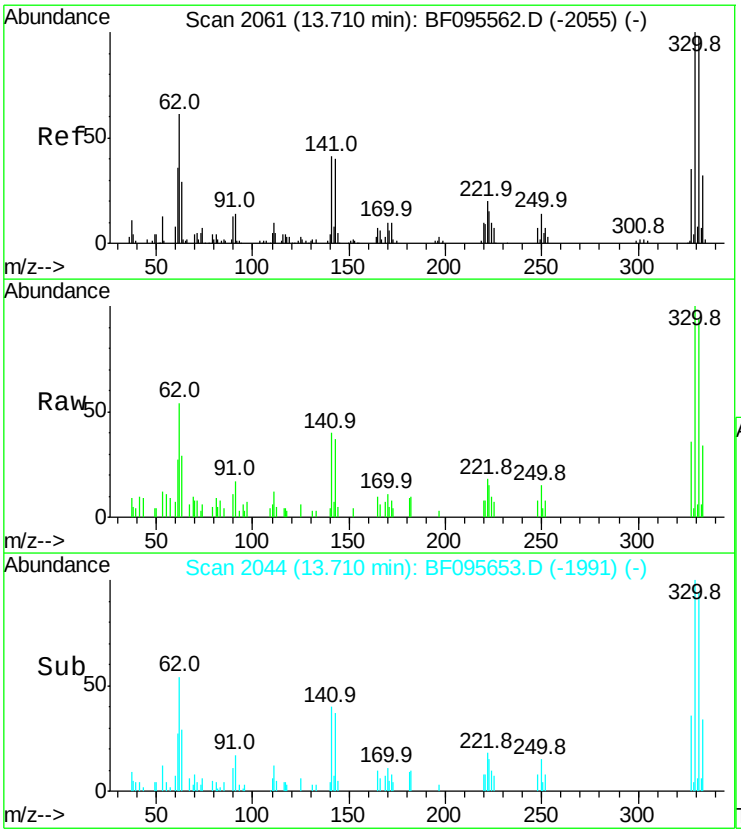
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 145493

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	42.9	36.2	54.2

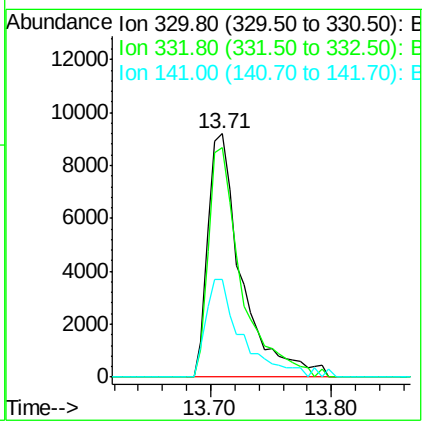


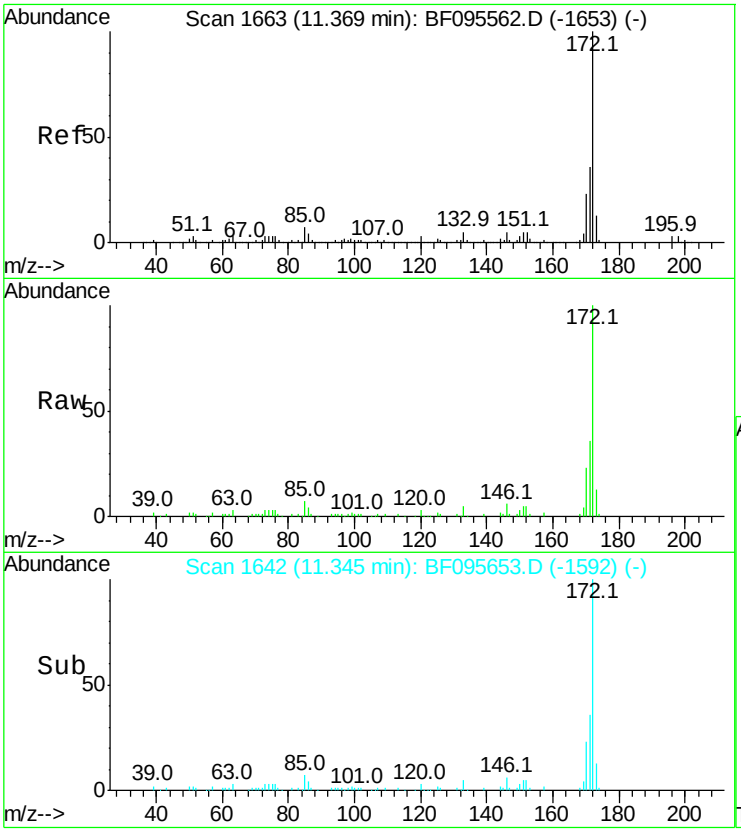


#41
2,4,6-Tribromophenol
Concen: 14.81 ng
RT: 13.71 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:330 Resp: 17646

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	115.0
141	42.4	31.4	47.2



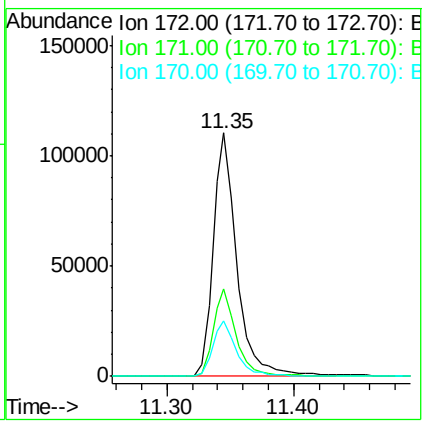


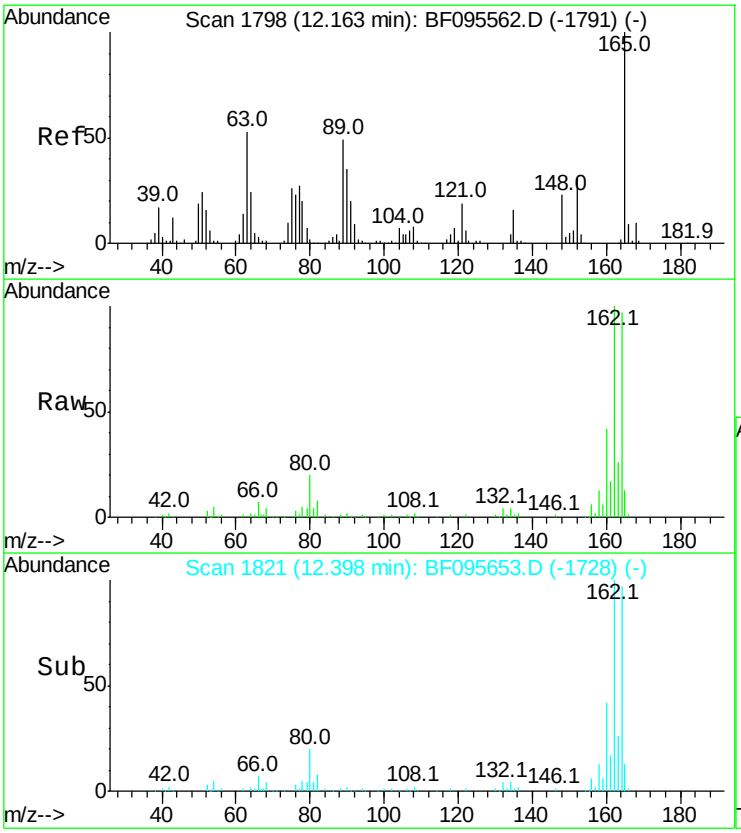
#44
2-Fluorobiphenyl
Concen: 14.23 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 143804

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	22.5	19.8	29.8

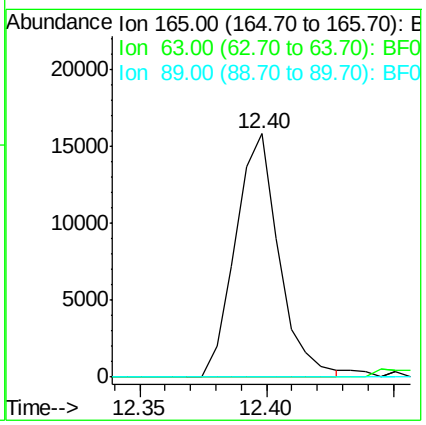


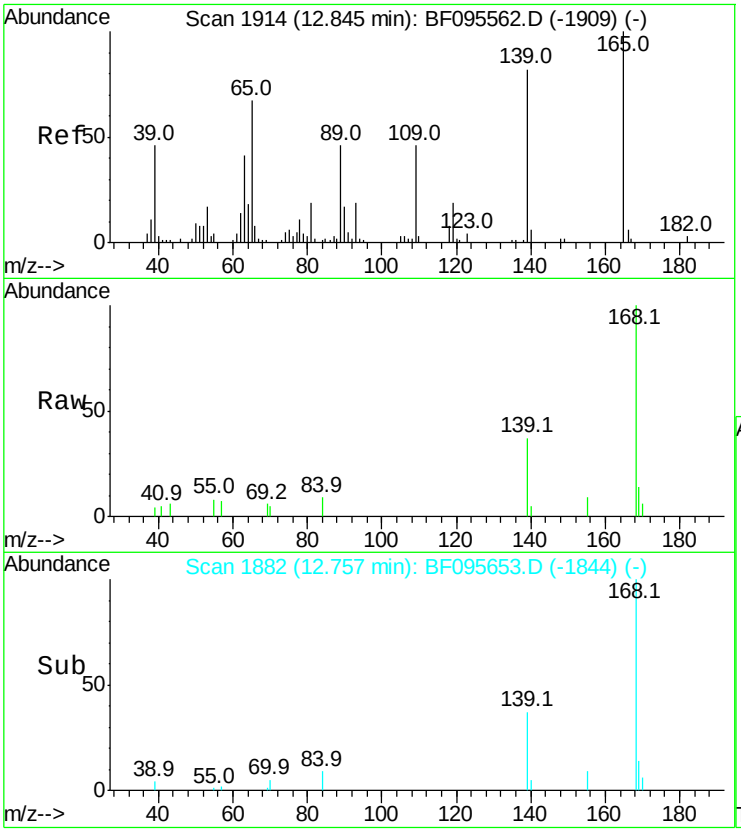


#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 12.40 min Scan# 1821
Delta R.T. 0.25 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:165 Resp: 18961

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



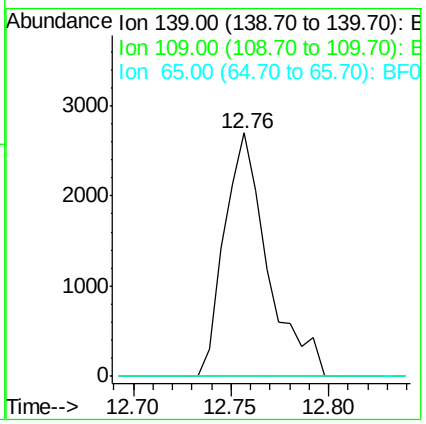


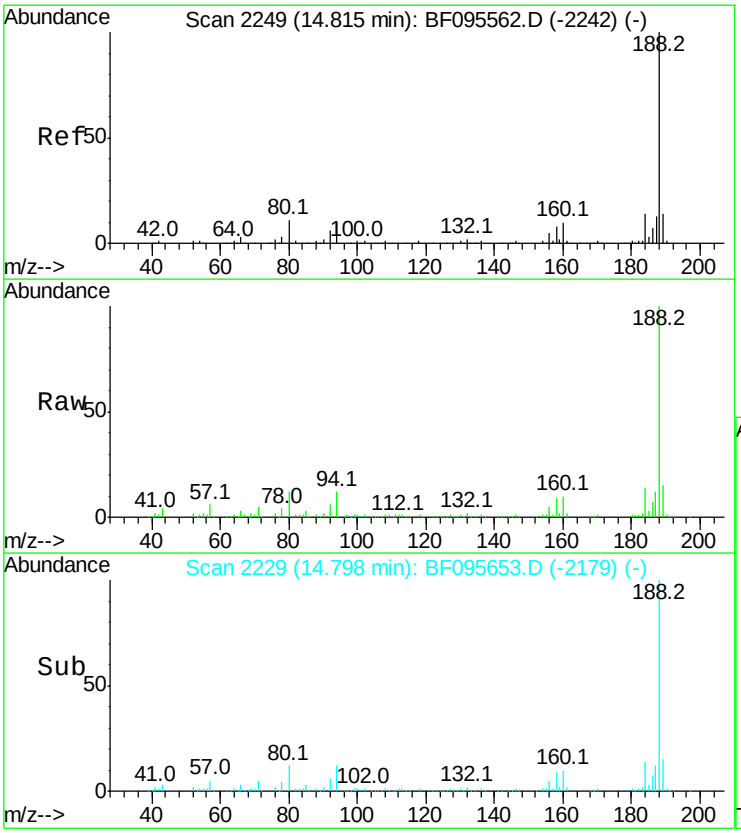
#55
4-Nitrophenol
Concen: 2.64 ng
RT: 12.76 min Scan# 1882
Delta R.T. -0.08 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4149

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

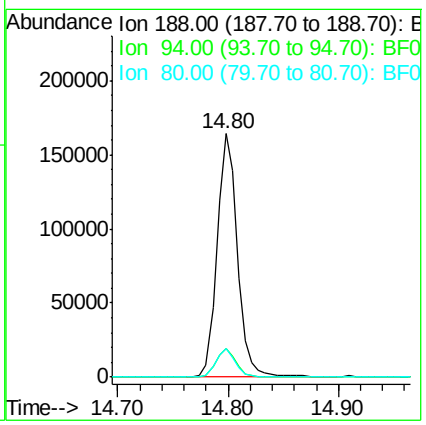


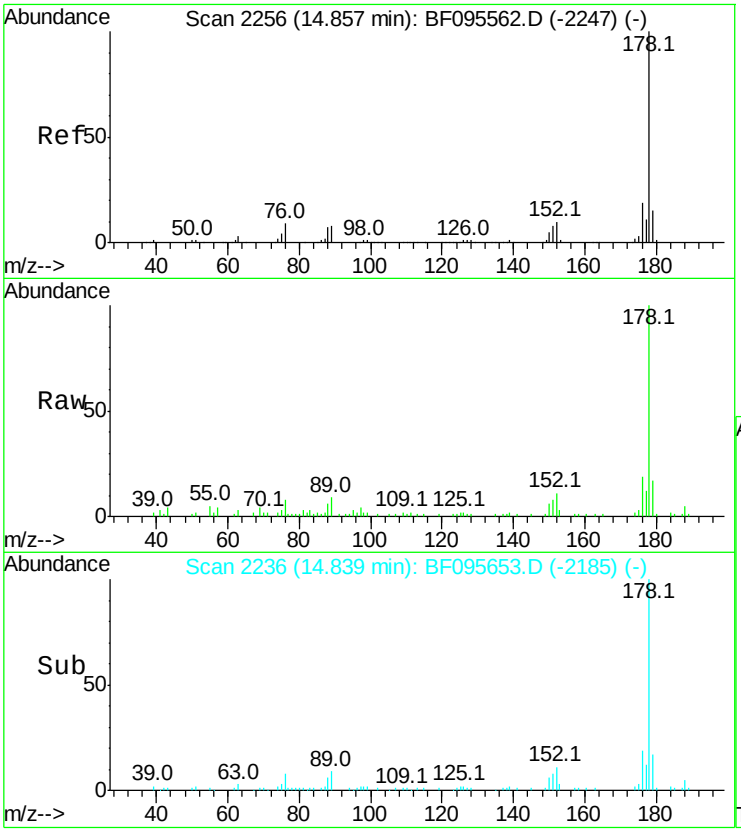


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:188 Resp: 211021

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.7	10.2	15.2



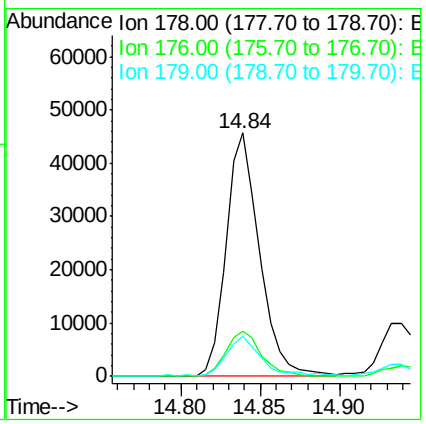


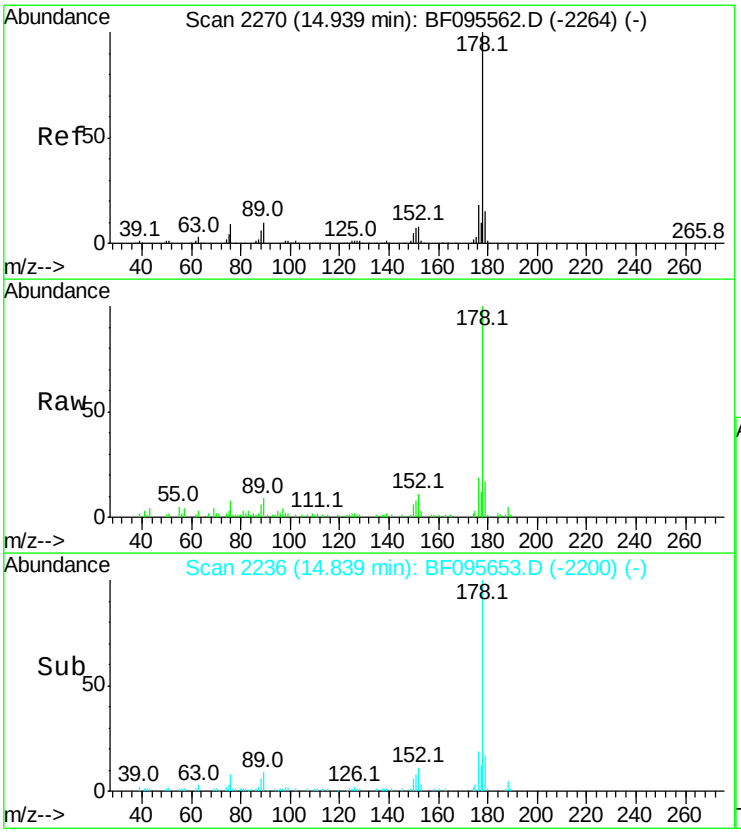
#70
Phenanthrene
Concen: 5.49 ng
RT: 14.84 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 66527

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.5	12.6	19.0

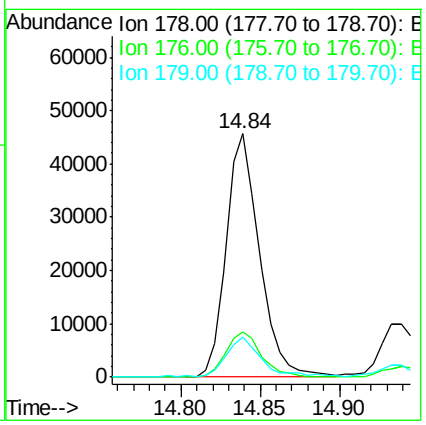


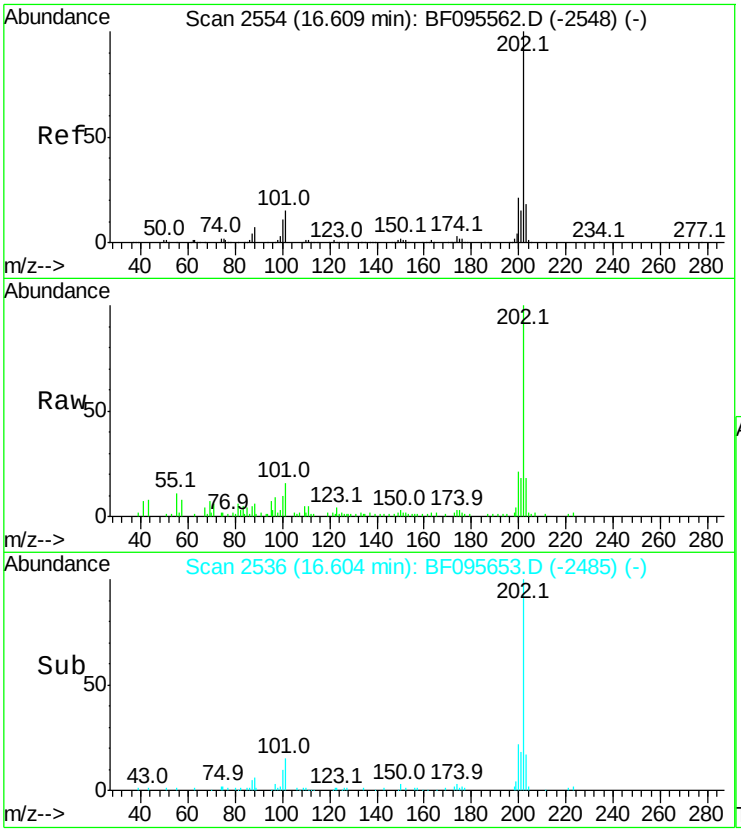


#71
Anthracene
Concen: 5.37 ng
RT: 14.84 min Scan# 2236
Delta R.T. -0.09 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:178 Resp: 66527

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.5	12.7	19.1



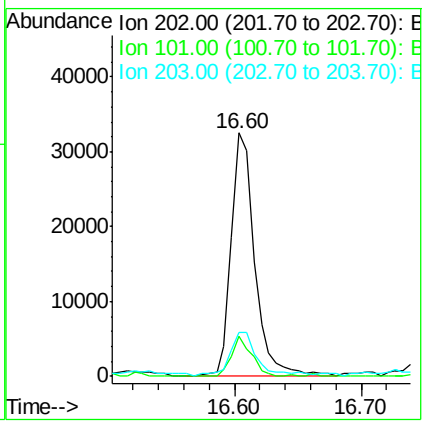


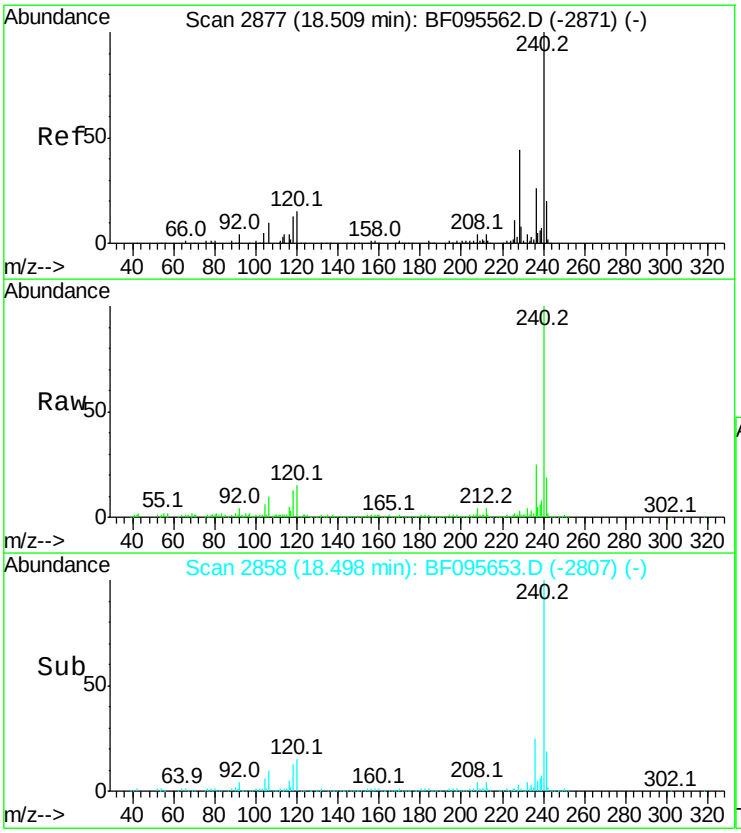
#74
Fluoranthene
Concen: 3.34 ng
RT: 16.60 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 41600

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	33.2
203	18.1	0.0	38.1

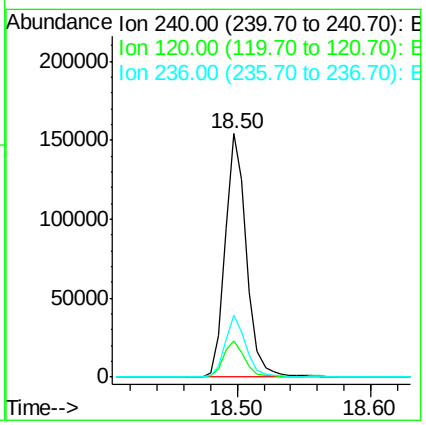


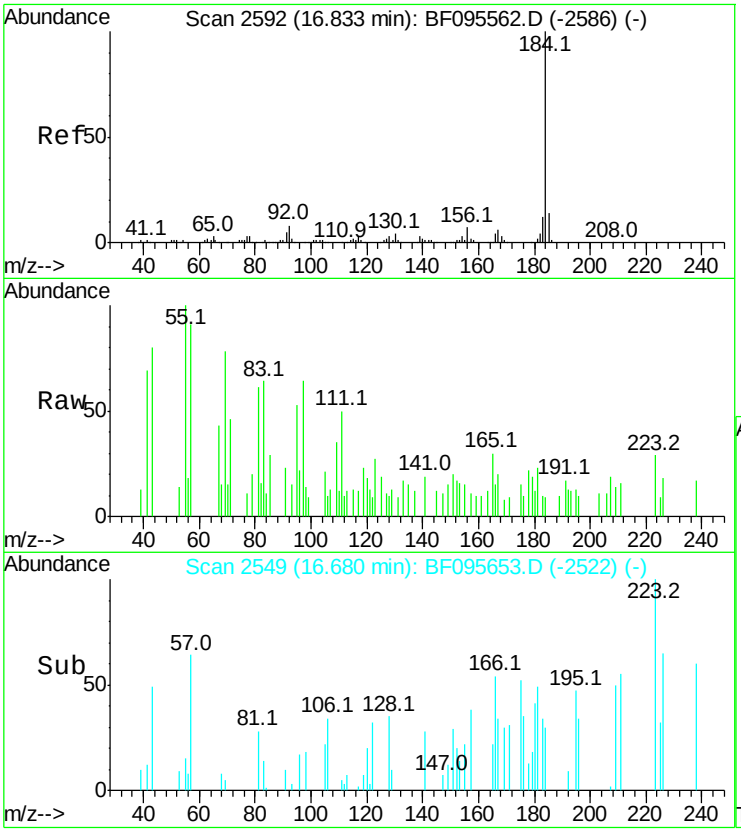


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:240 Resp: 172797

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.3	20.5	30.7



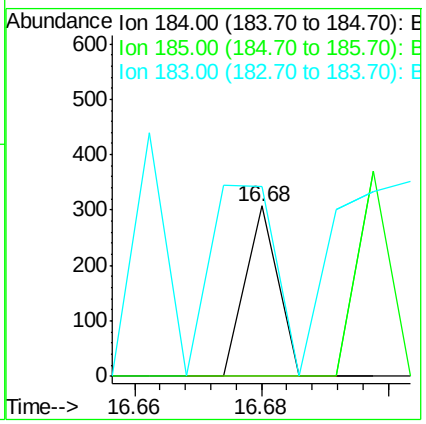


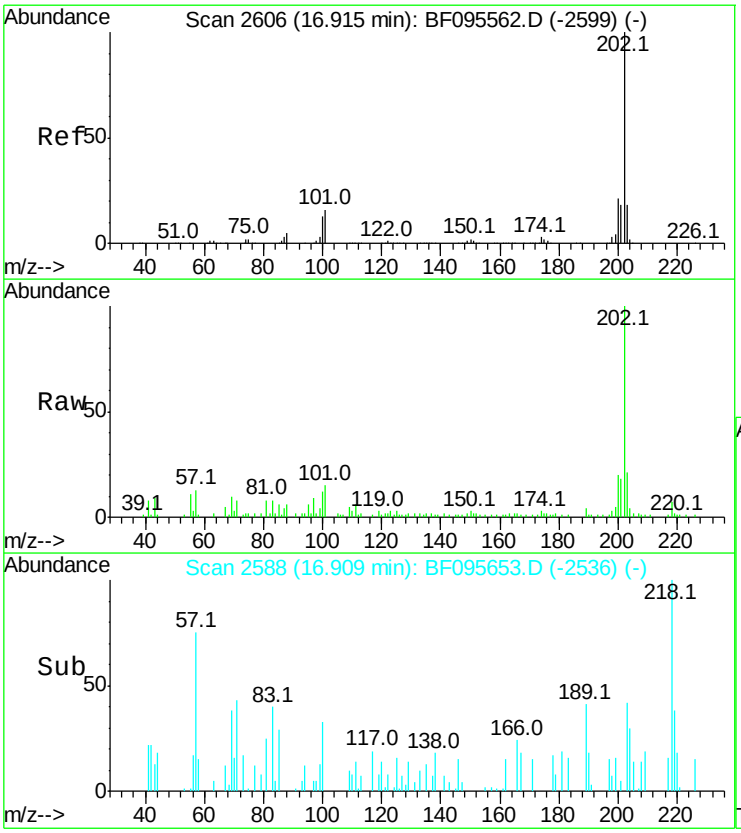
#76
Benzidine
Concen: 6.61 ng
RT: 16.68 min Scan# 2549
Delta R.T. -0.14 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	111.7	9.8	14.6#

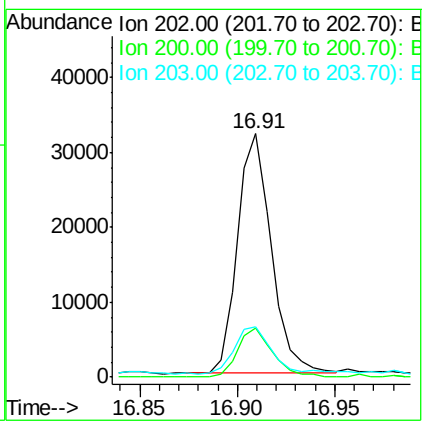


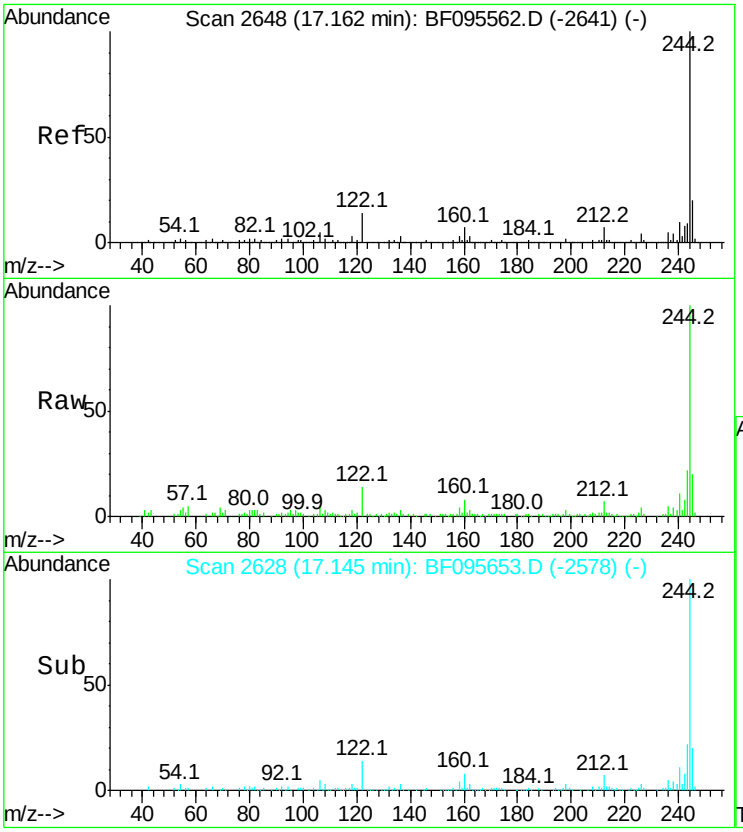


#77
Pyrene
Concen: 2.97 ng
RT: 16.91 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:202 Resp: 38419

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	20.8	14.4	21.6



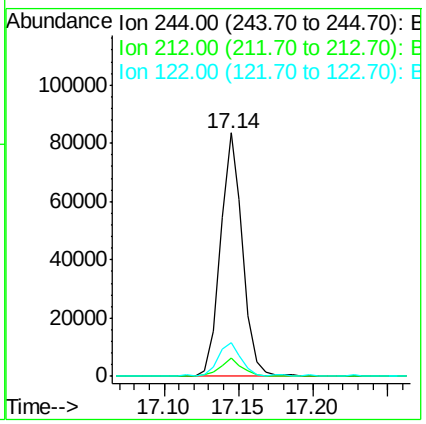


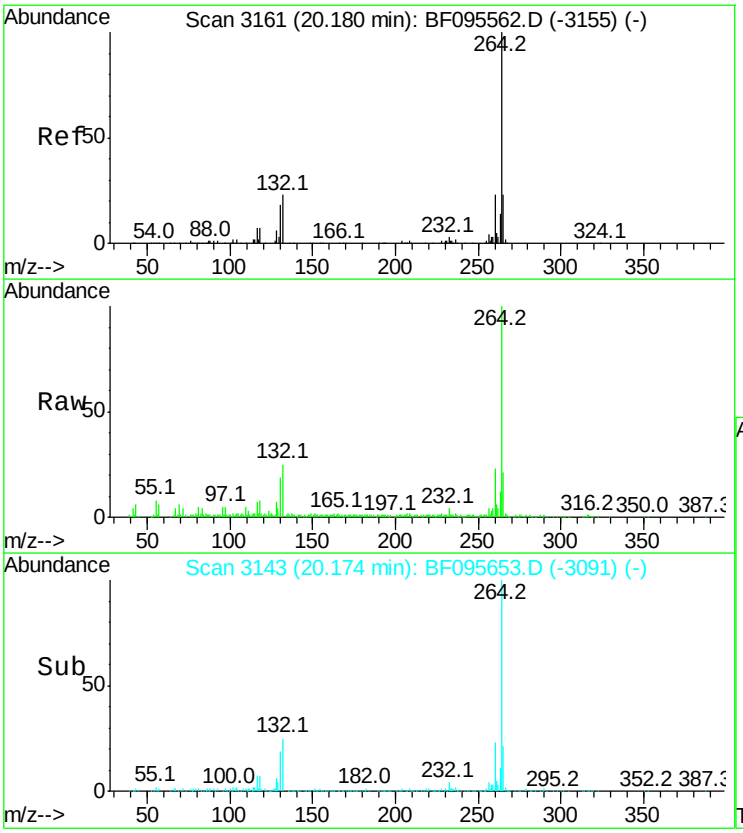
#78
Terphenyl-d14
Concen: 11.09 ng
RT: 17.14 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 87034

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion:264 Resp: 118099

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	17.2	25.8