Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
Operator : SJ/MA
Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 08:37:09 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	7.71	152	73975	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	294435	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	133167	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	206027	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	173041	20.00	ng		-0.02
86) Perylene-d12	20.30	264	134047	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	72318	16.30	ng		0.00
7) Phenol-d6	7.27	99	85739	16.10	ng		-0.01
23) Nitrobenzene-d5	8.61	82	51406	11.01	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	15593	14.30	ng		-0.01
44) 2-Fluorobiphenyl	11.51	172	115955	12.53	ng		-0.02
78) Terphenyl-d14	17.28	244	82897	10.55	ng		-0.03
Target Compounds							Qvalue
18) Hexachloroethane	8.56	117	4028	2.05	ng	#	1
32) Benzoic acid	9.61	122	2251	5.80	ng	#	22
35) Caprolactam	10.54	113	28007	23.13	ng	#	78
37) 2-Methylnaphthalene	11.05	142	89525	9.22	ng		97
53) 2,4-Dinitrophenol	12.92	184	356	6.51	ng	#	1
55) 4-Nitrophenol	12.91	139	13845	9.63	ng		74
56) 2,4-Dinitrotoluene	12.93	165	12557	4.38	ng	#	53
57) Fluorene	13.46	166	26066	2.56	ng	#	92
65) n-Nitrosodiphenylamine	13.68	169	49190	6.58	ng	#	43
70) Phenanthrene	15.00	178	73640	6.22	ng	#	94
76) Benzidine	16.98	184	233	6.63	ng	#	1

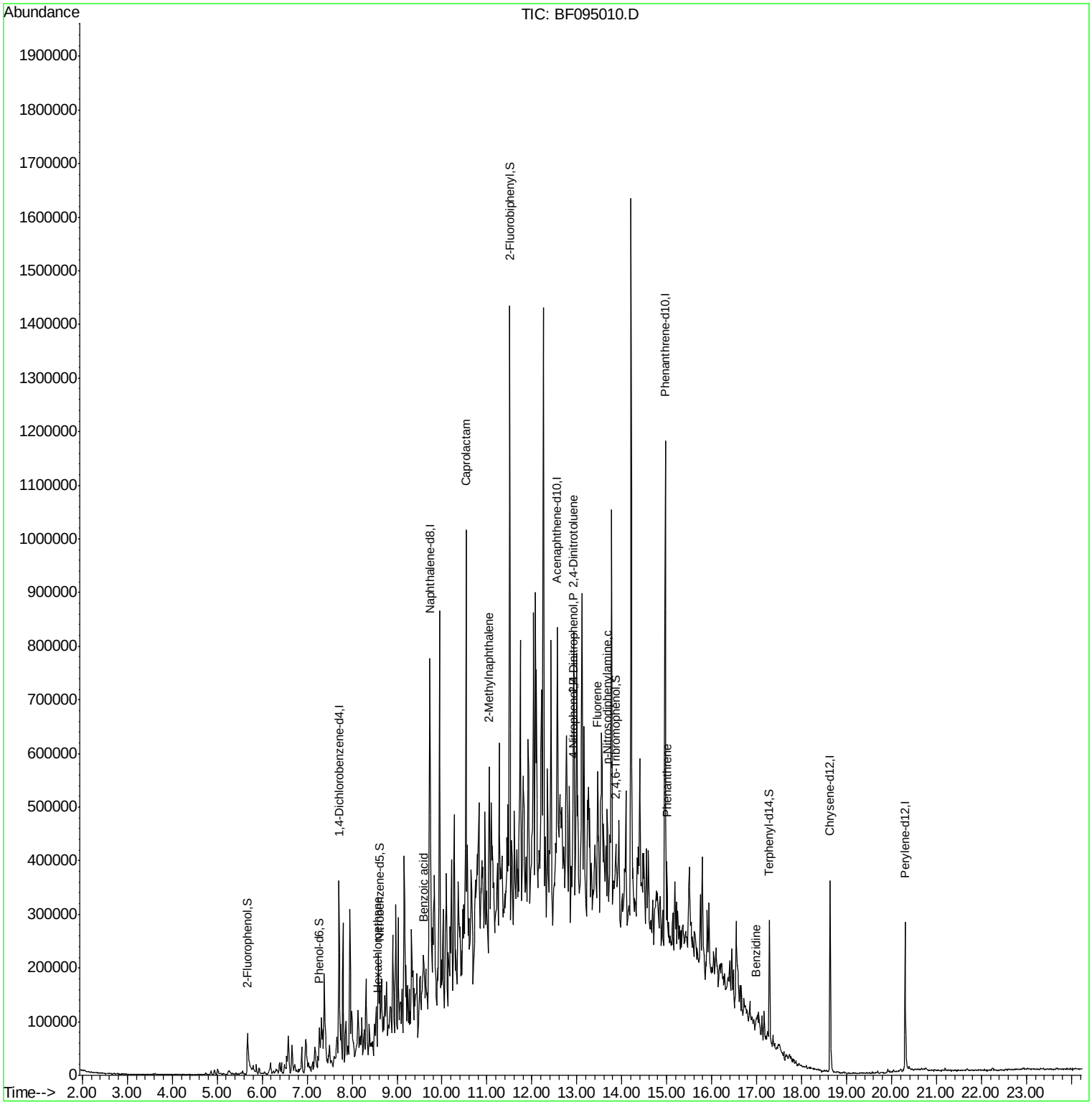
(#) = qualifier out of range (m) = manual integration (+) = signals summed

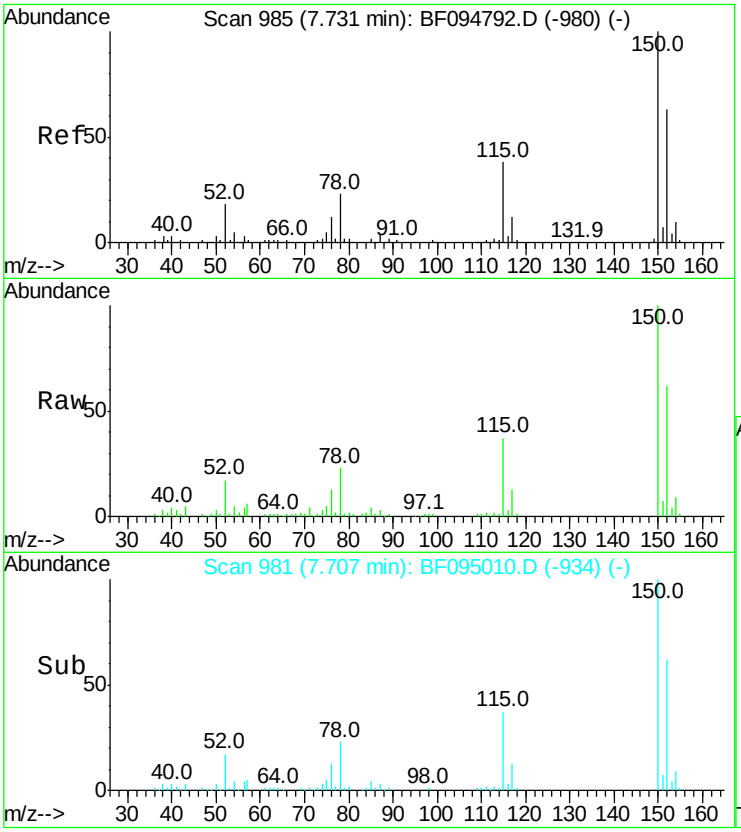
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
Operator : SJ/MA
Sample : I2881-01 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 09 08:37:09 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



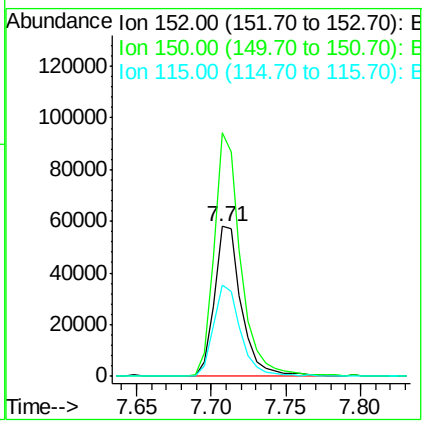


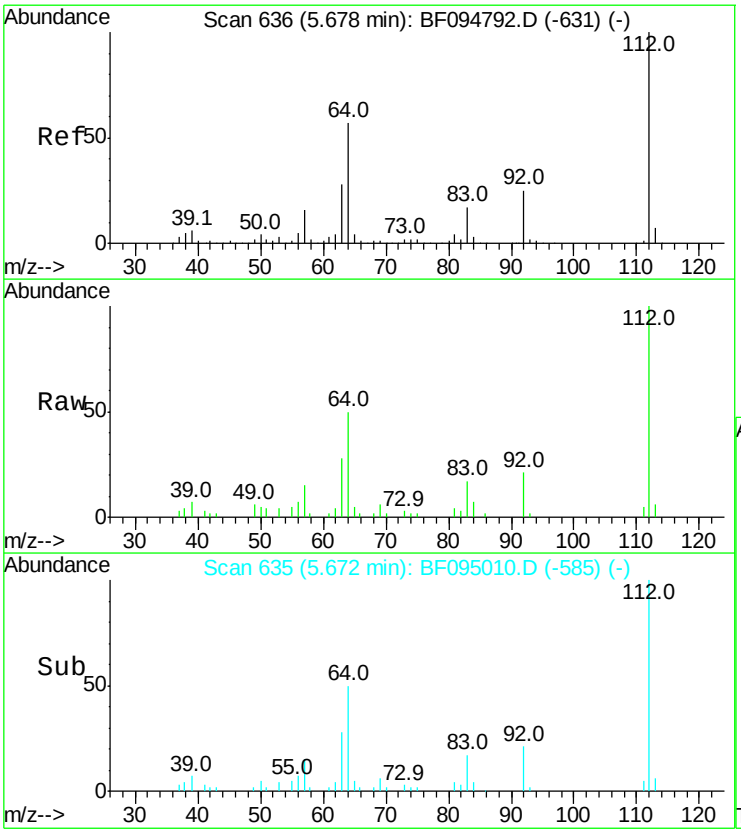
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73975

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	60.7	52.2	78.2

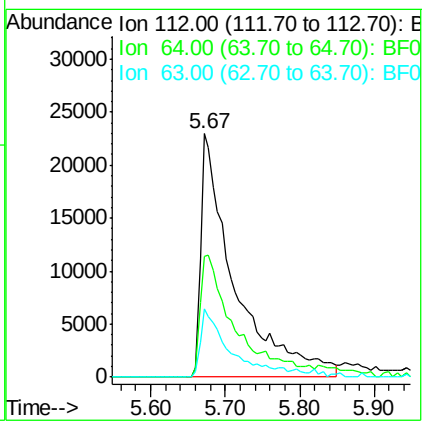


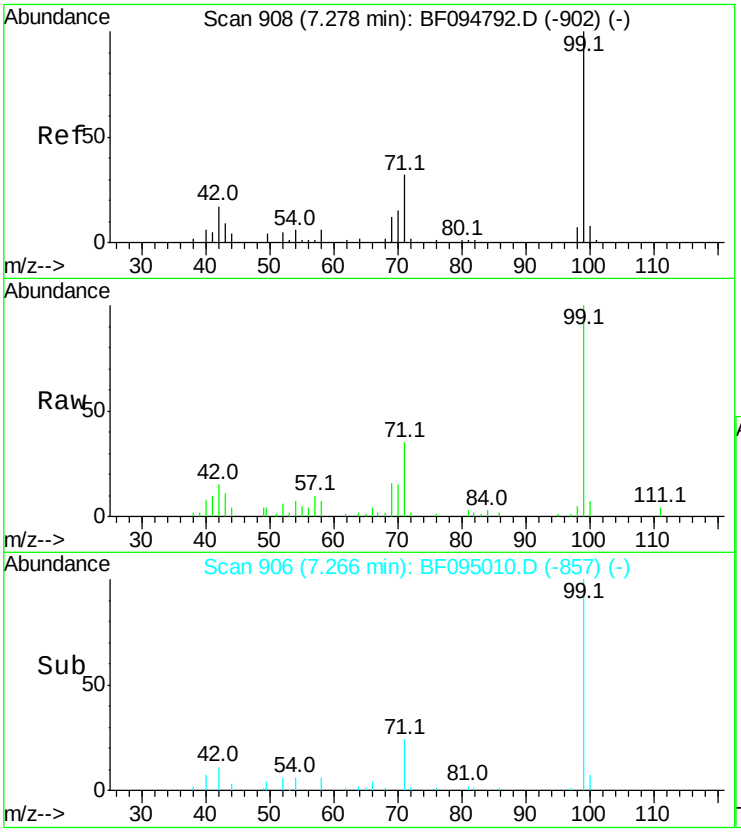


#5
2-Fluorophenol
Concen: 16.30 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:112 Resp: 72318

Ion	Ratio	Lower	Upper
112	100		
64	49.8	46.0	69.0
63	27.9	23.4	35.0



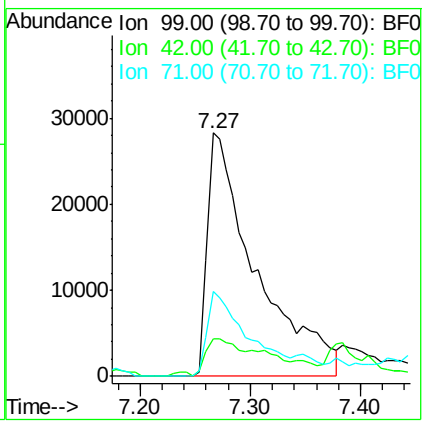


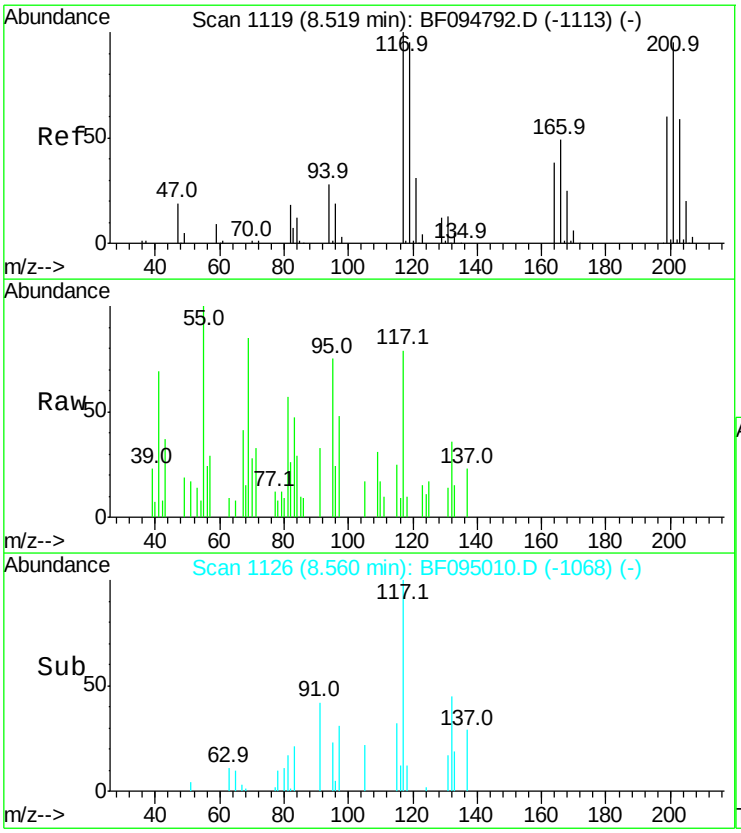
#7
Phenol-d6
Concen: 16.10 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 85739

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	34.7	24.5	36.7

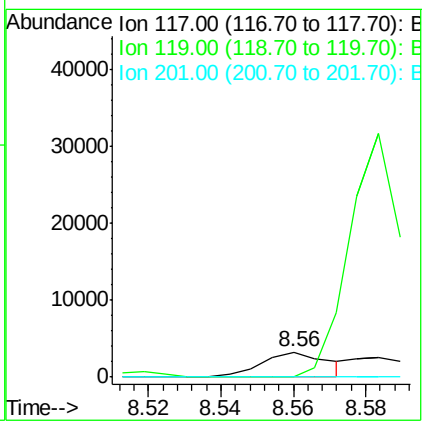


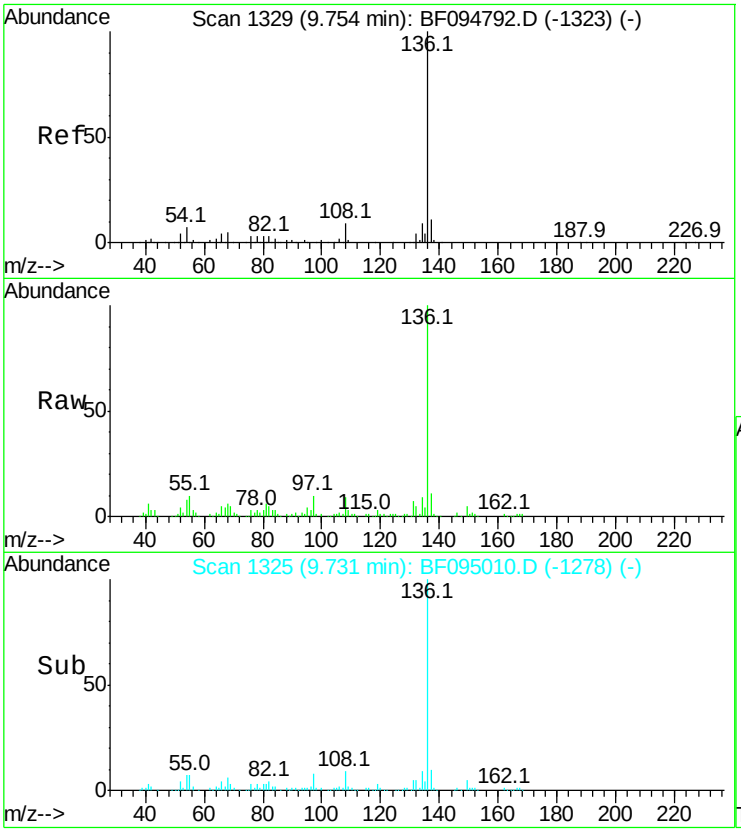


#18
Hexachloroethane
Concen: 2.05 ng
RT: 8.56 min Scan# 1126
Delta R.T. 0.04 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:117 Resp: 4028

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
201	0.0	94.6	141.8#



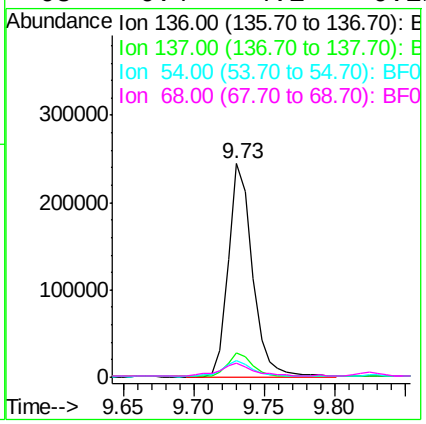


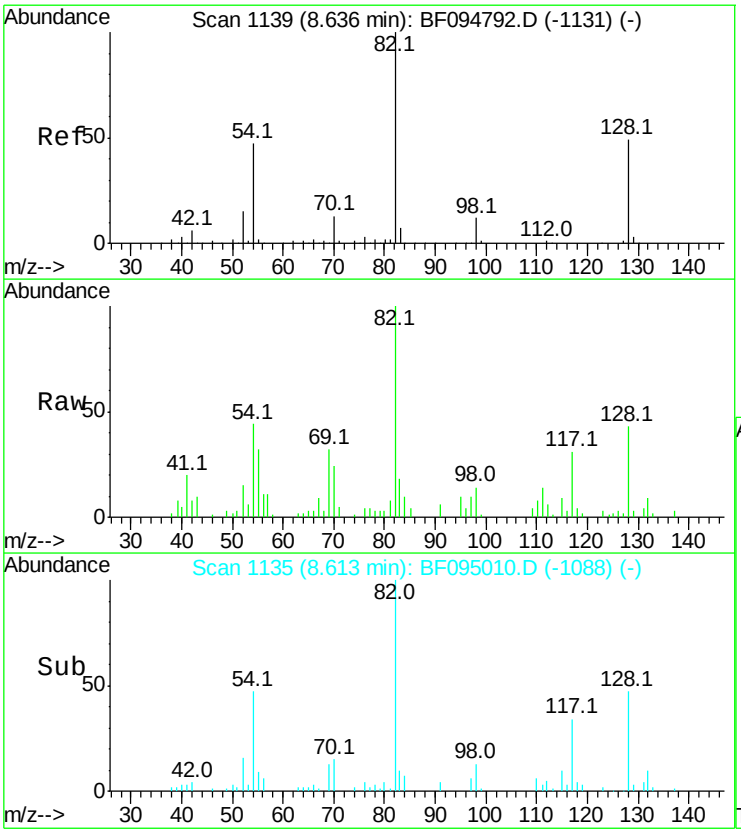
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 294435

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.8	4.9	7.3#
68	6.4	4.1	6.1#

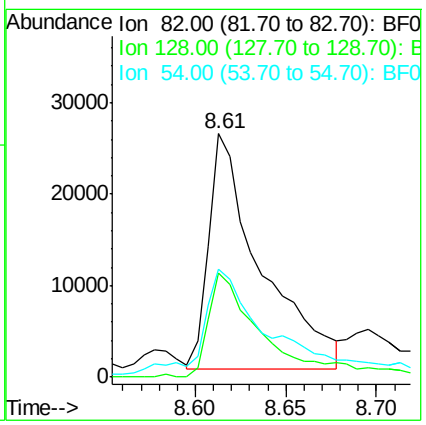


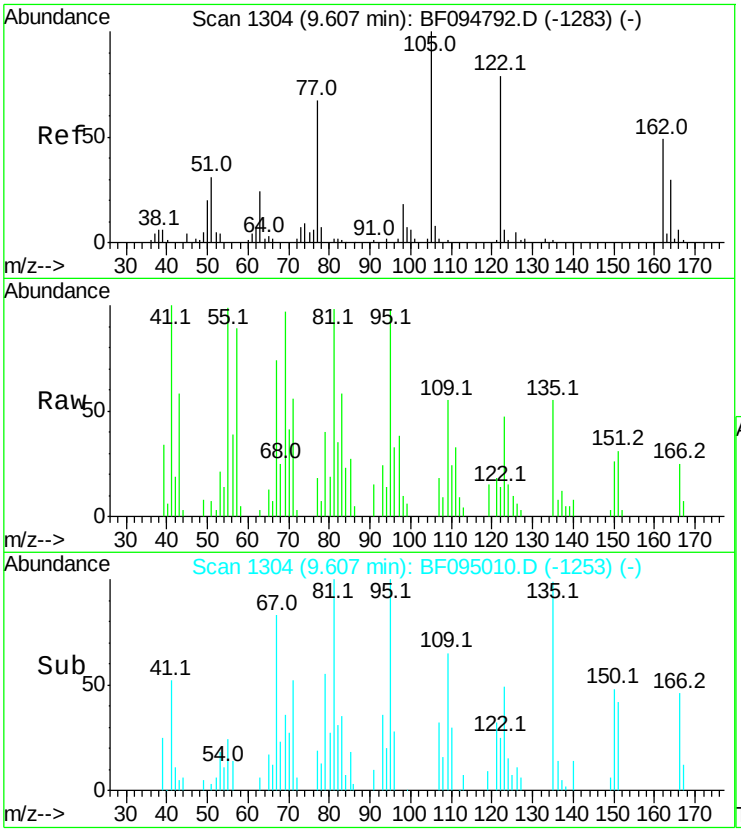


#23
Nitrobenzene-d5
Concen: 11.01 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion: 82 Resp: 51406

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	44.3	42.2	63.2



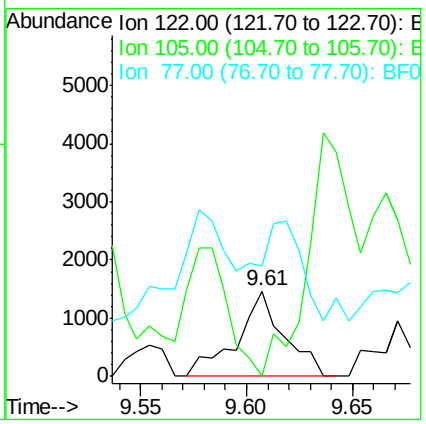


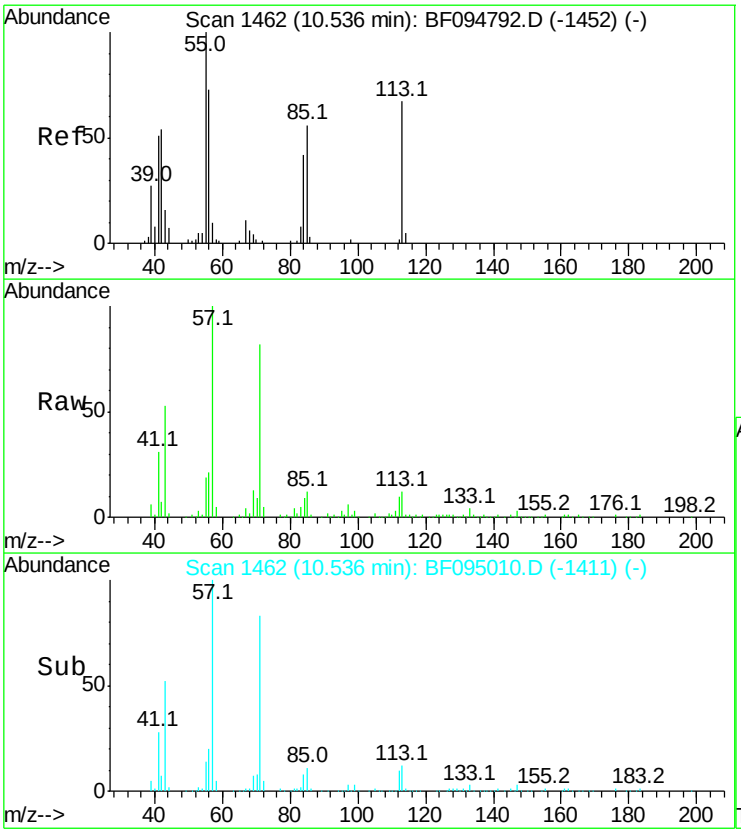
#32
Benzoic acid
Concen: 5.80 ng
RT: 9.61 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2251

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	129.3	73.7	113.7#

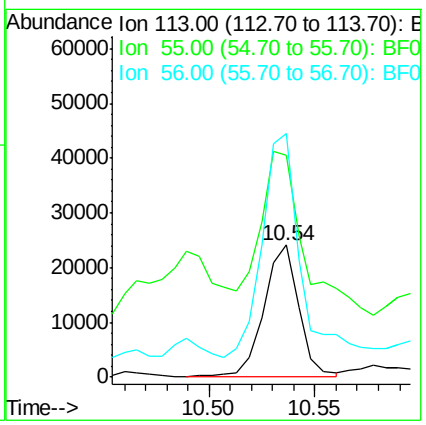


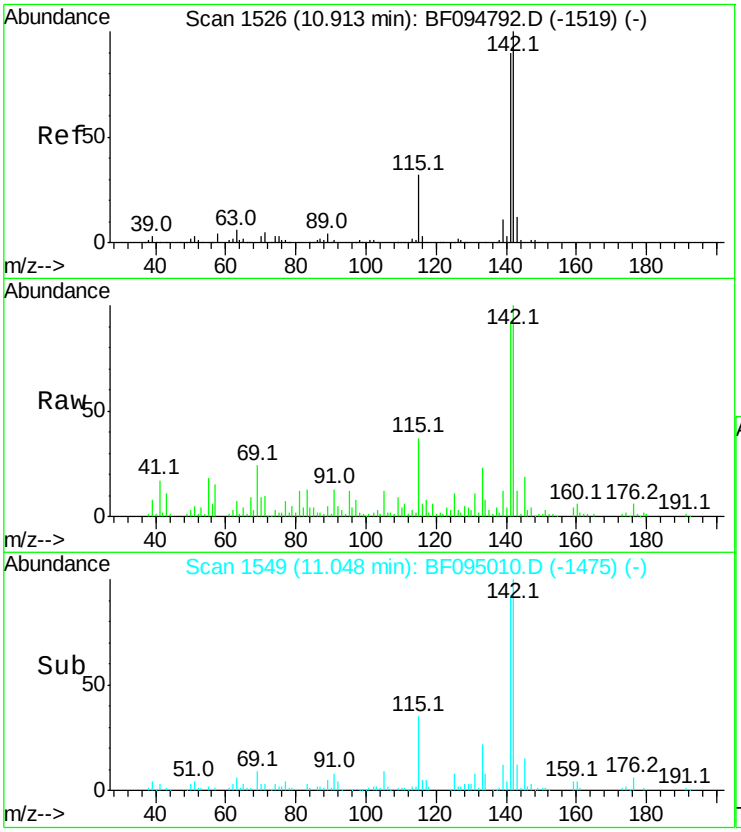


#35
Caprolactam
Concen: 23.13 ng
RT: 10.54 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:113 Resp: 28007

Ion	Ratio	Lower	Upper
113	100		
55	167.6	150.2	190.2
56	184.3	107.8	147.8#



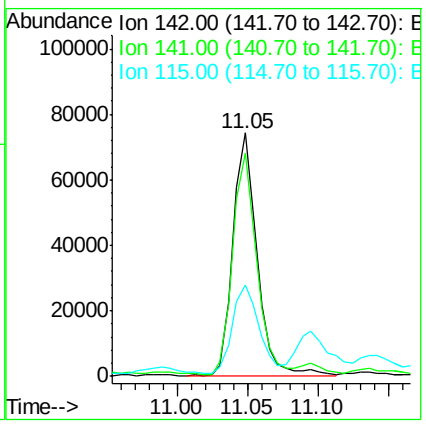


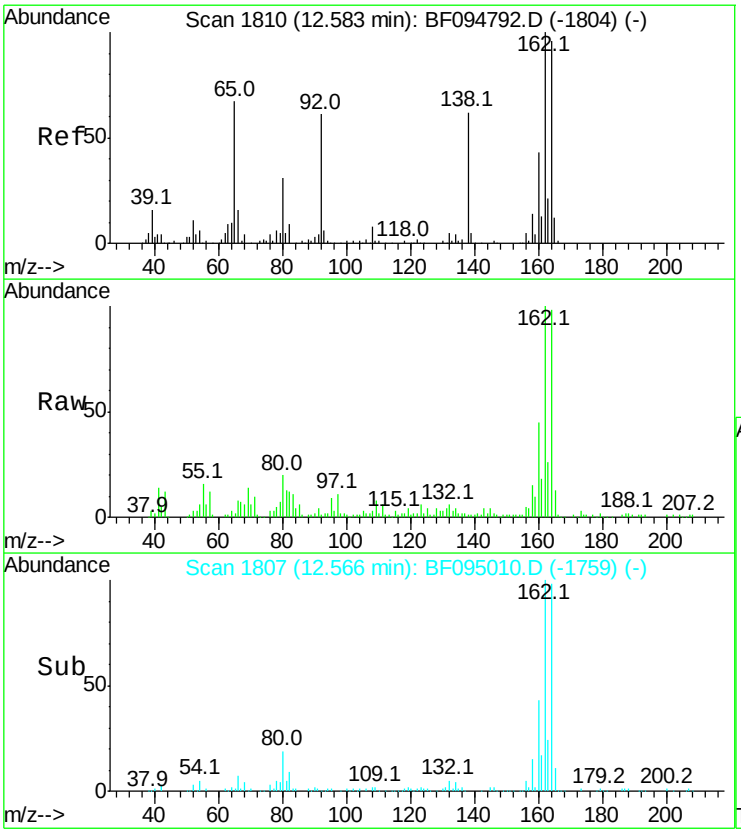
#37
2-Methylnaphthalene
Concen: 9.22 ng
RT: 11.05 min Scan# 1549
Delta R.T. 0.14 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 89525

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
115	37.3	27.1	40.7

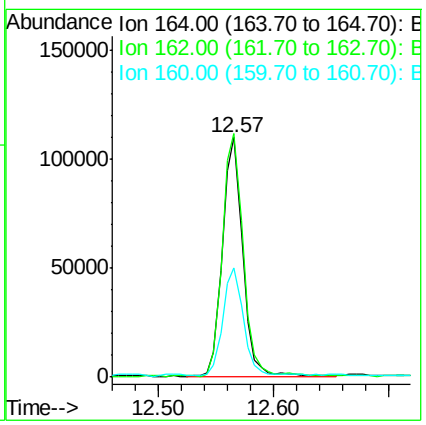


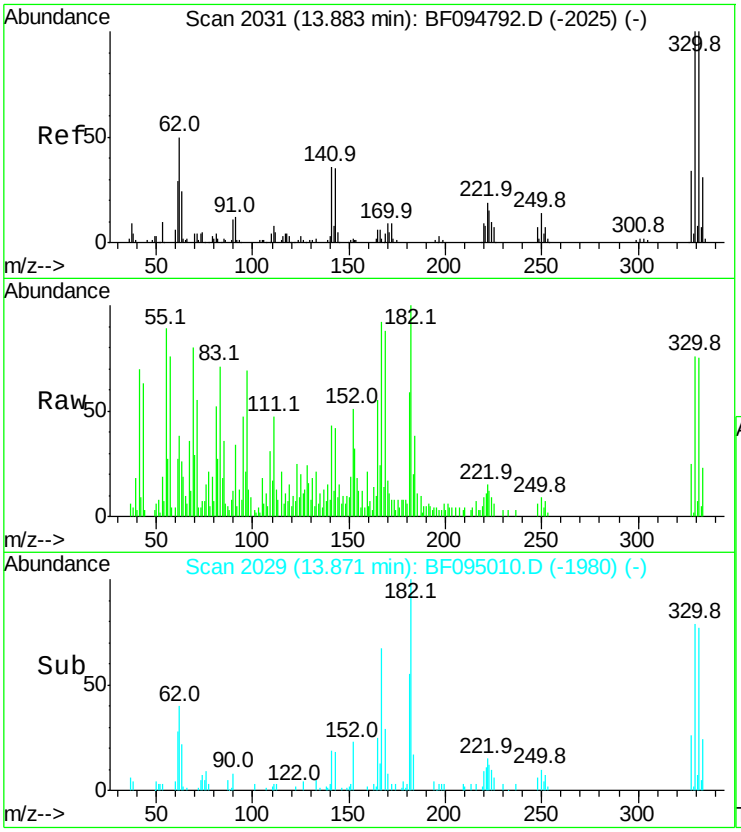


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:164 Resp: 133167

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	45.5	36.2	54.2



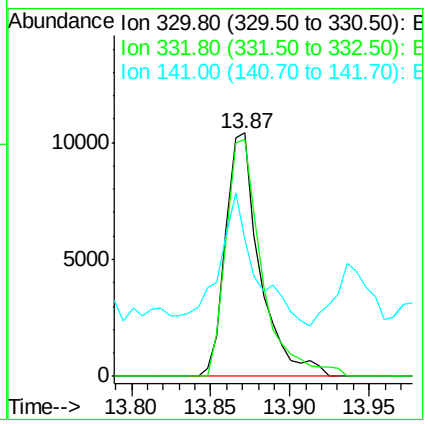


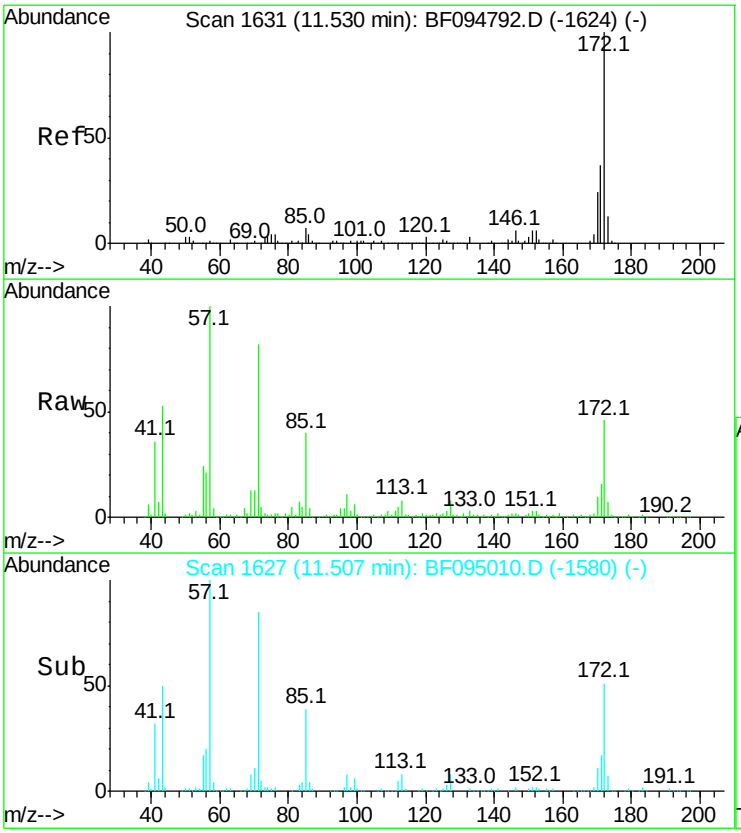
#41
2,4,6-Tribromophenol
Concen: 14.30 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 15593

Ion	Ratio	Lower	Upper
330	100		
332	102.2	76.6	115.0
141	57.2	31.4	47.2#

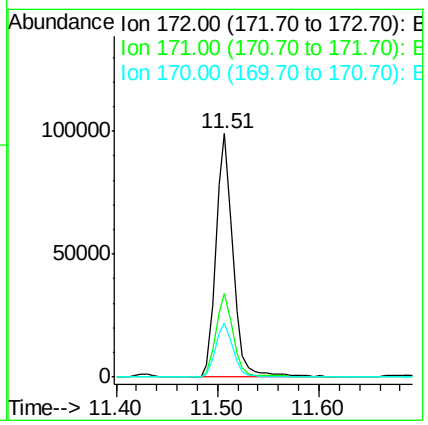


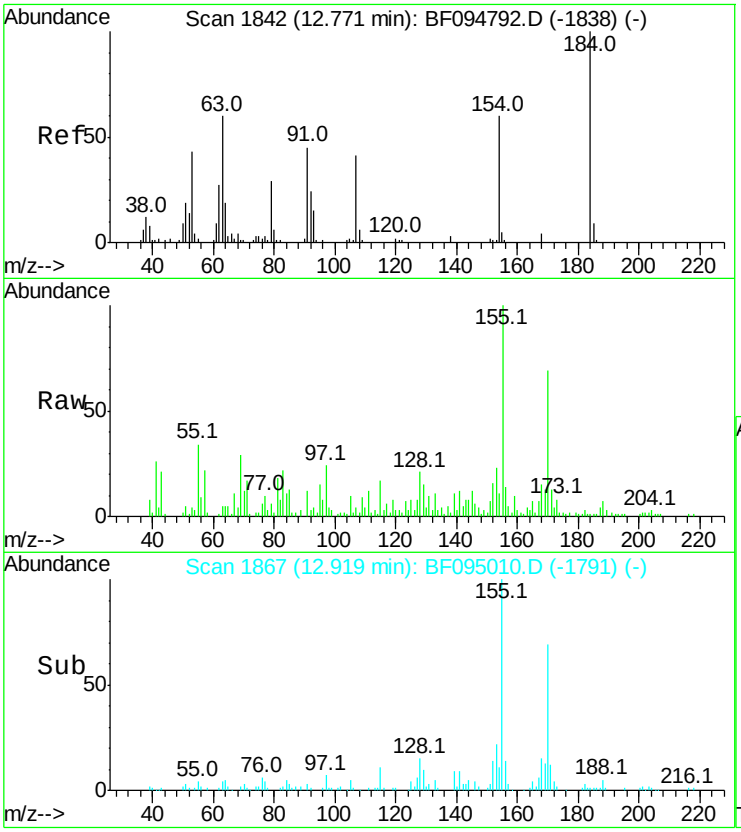


#44
2-Fluorobiphenyl
Concen: 12.53 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:172 Resp: 115955

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	22.3	19.8	29.8



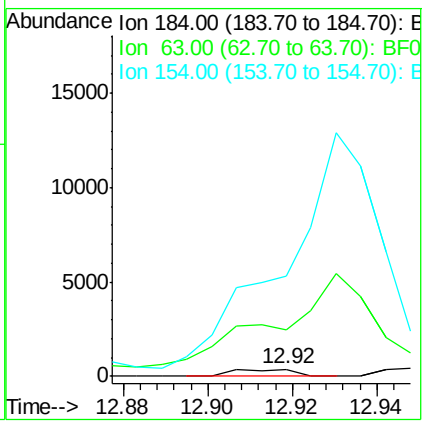


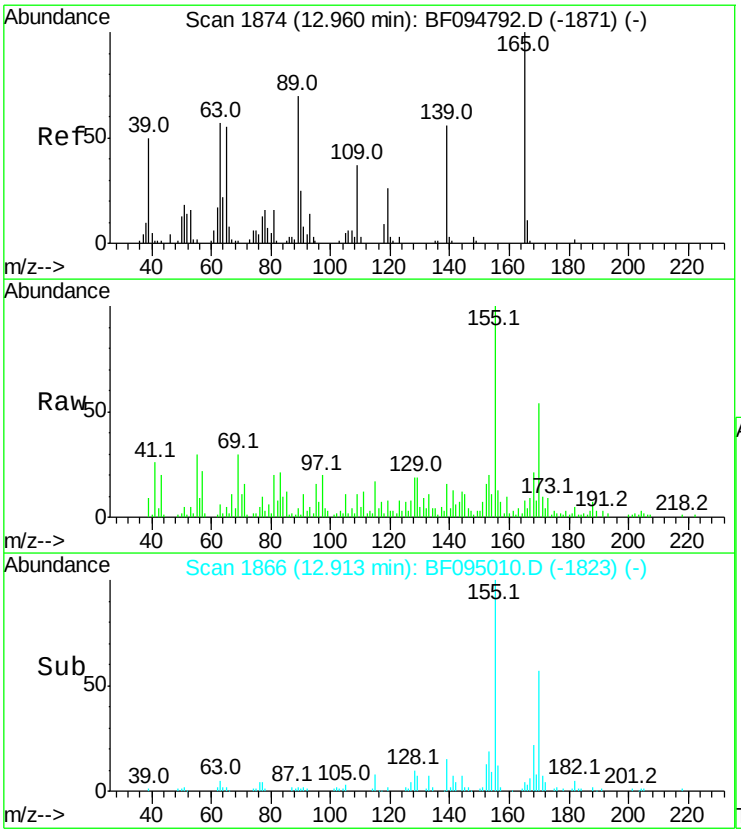
#53
2,4-Dinitrophenol
Concen: 6.51 ng
RT: 12.92 min Scan# 1867
Delta R.T. 0.15 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 356

Ion	Ratio	Lower	Upper
184	100		
63	685.3	62.7	94.1#
154	1470.0	81.1	121.7#

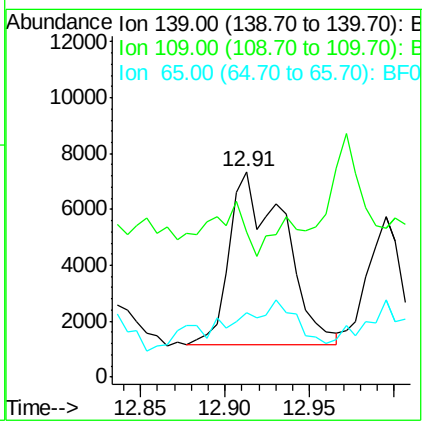


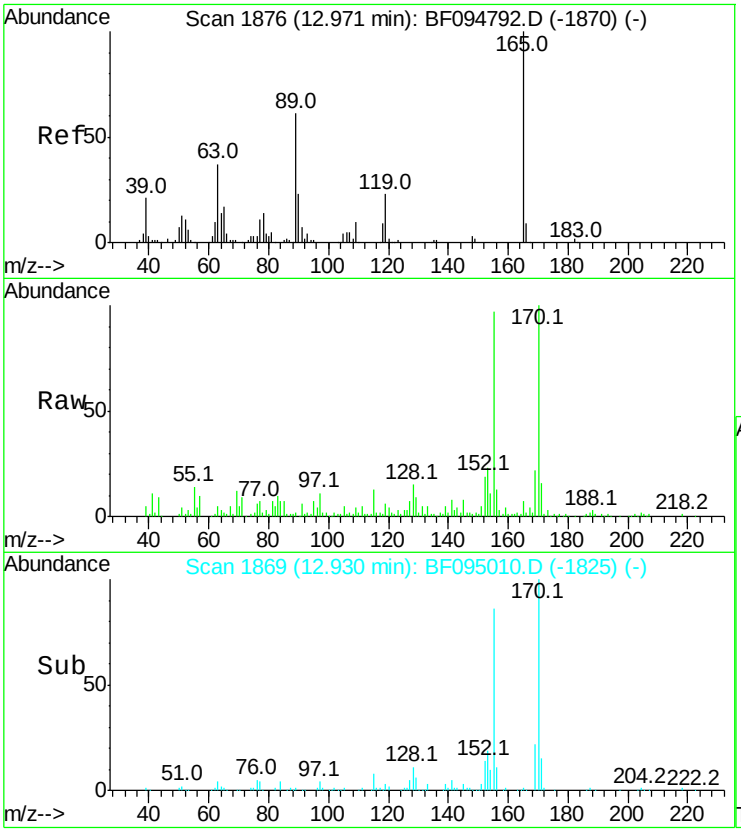


#55
4-Nitrophenol
Concen: 9.63 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.05 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:139 Resp: 13845

Ion	Ratio	Lower	Upper
139	100		
109	70.7	34.1	74.1
65	31.5	31.4	71.4



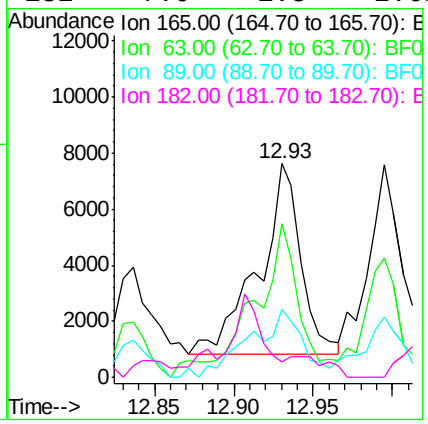


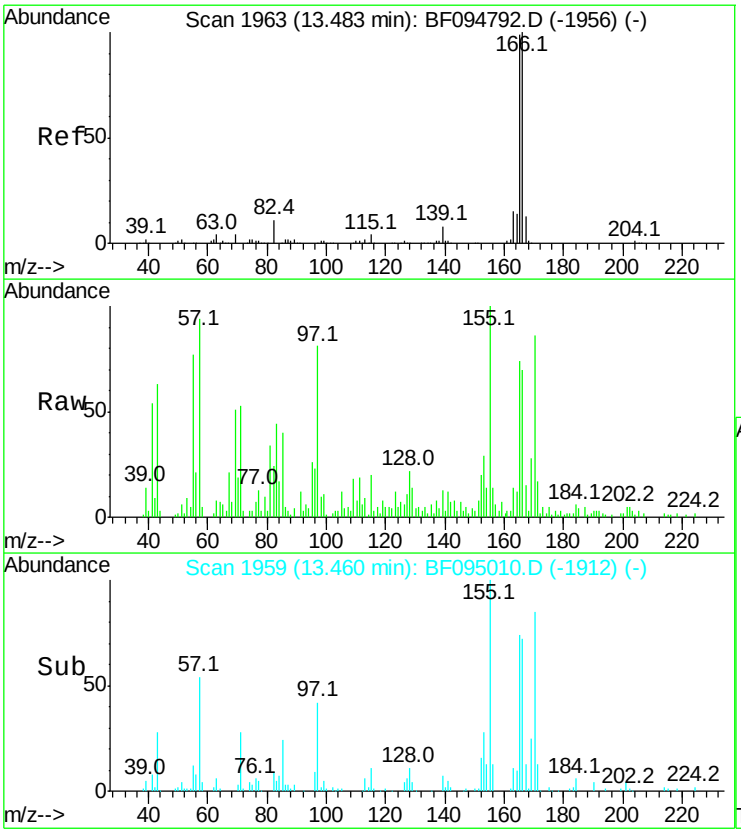
#56
2,4-Dinitrotoluene
Concen: 4.38 ng
RT: 12.93 min Scan# 1869
Delta R.T. -0.04 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12557

Ion	Ratio	Lower	Upper
165	100		
63	71.8	25.4	38.0#
89	31.8	46.4	69.6#
182	7.0	1.8	2.6#

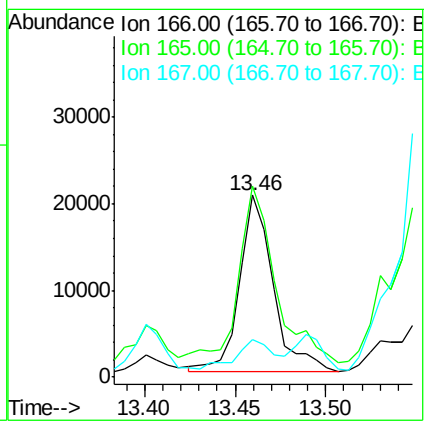


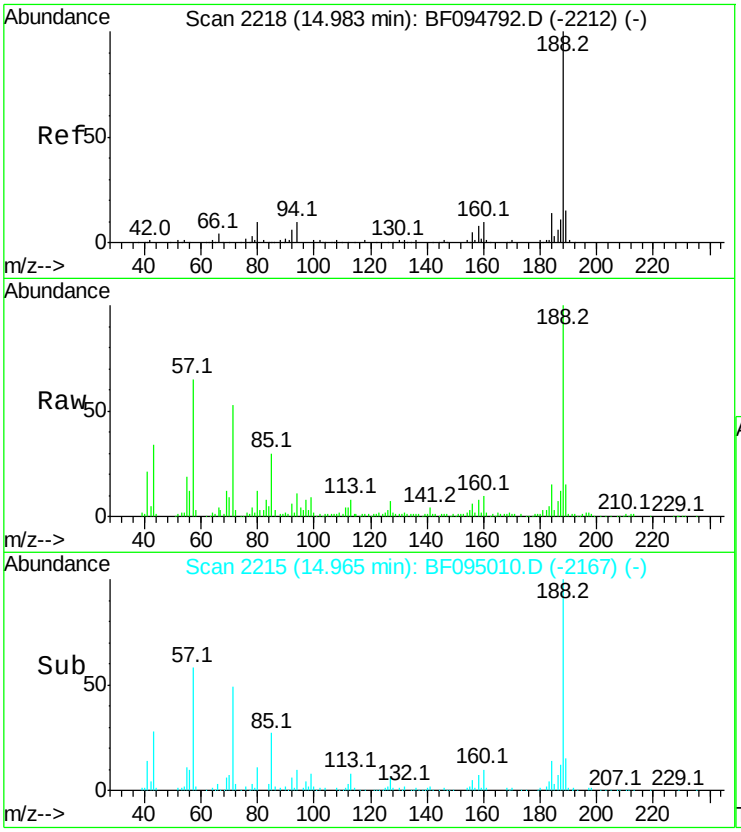


#57
Fluorene
Concen: 2.56 ng
RT: 13.46 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:166 Resp: 26066

Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.8	118.2
167	20.9	10.6	16.0#



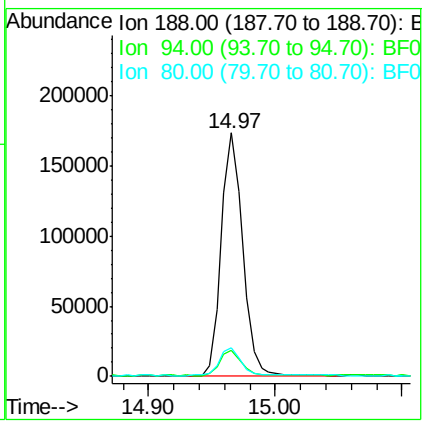


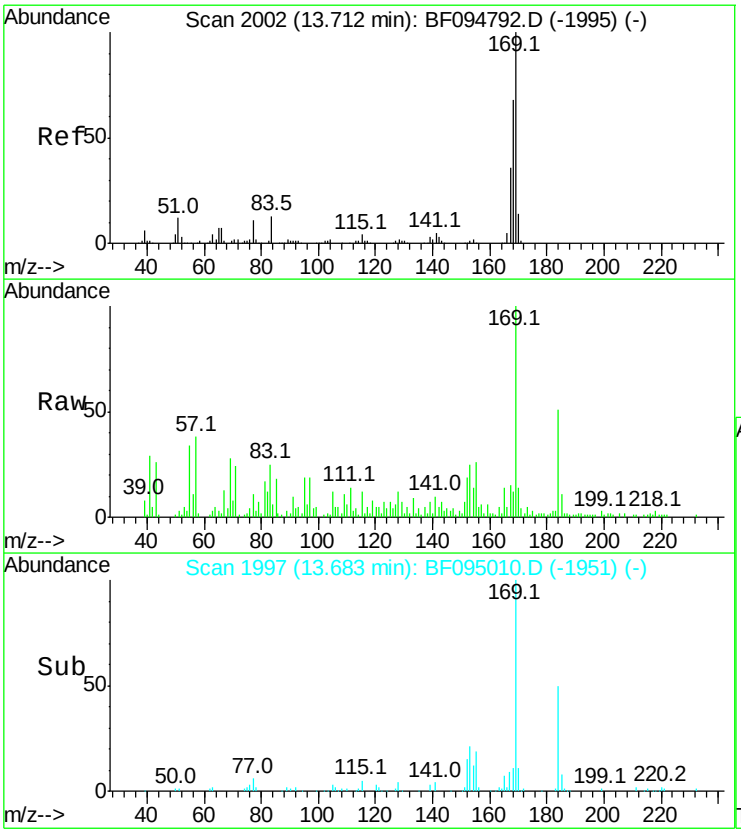
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 206027

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.8	10.2	15.2

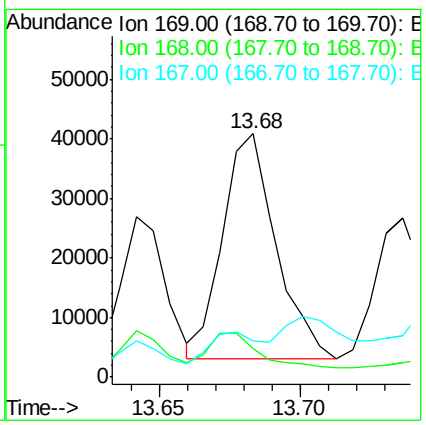


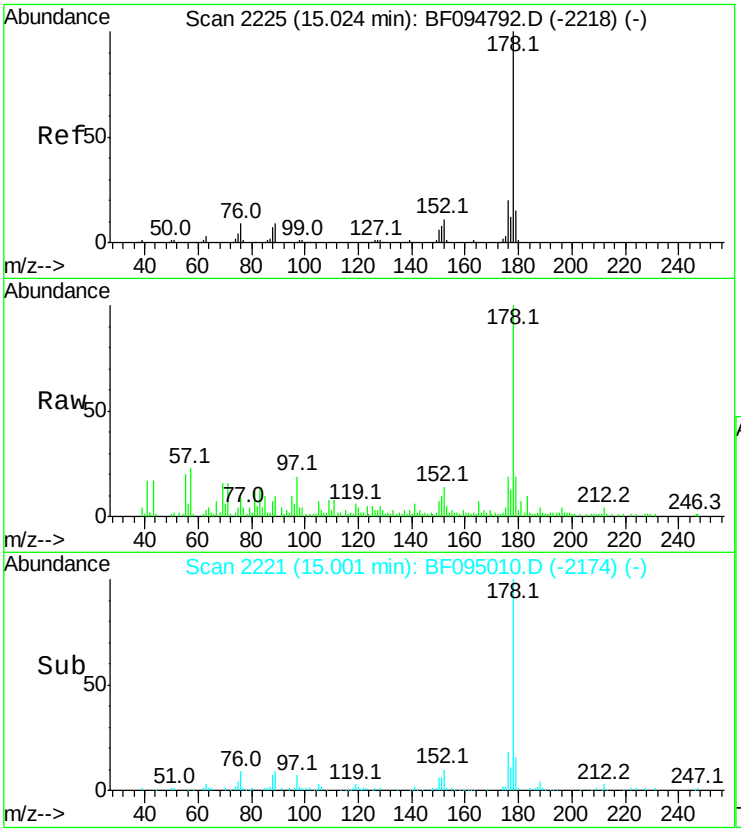


#65
n-Nitrosodiphenylamine
Concen: 6.58 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:169 Resp: 49190

Ion	Ratio	Lower	Upper
169	100		
168	12.0	53.2	79.8#
167	14.8	29.5	44.3#



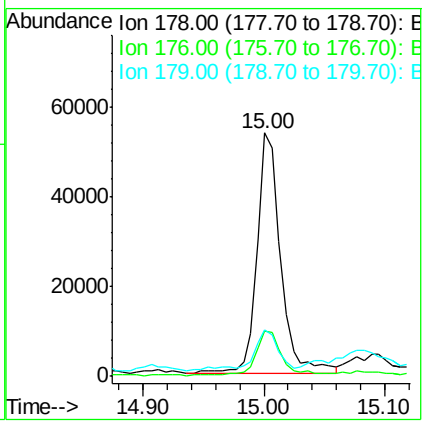


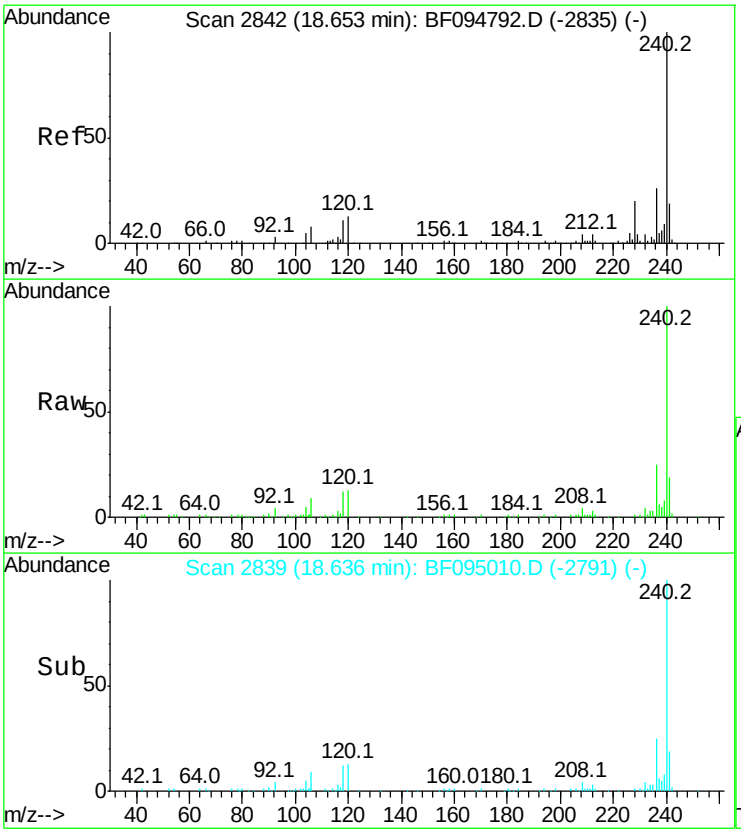
#70
Phenanthrene
Concen: 6.22 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73640

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	19.3	12.6	19.0#

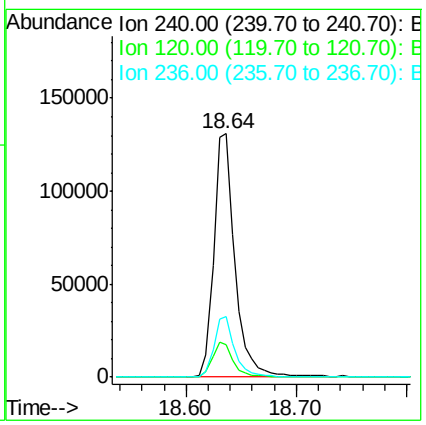


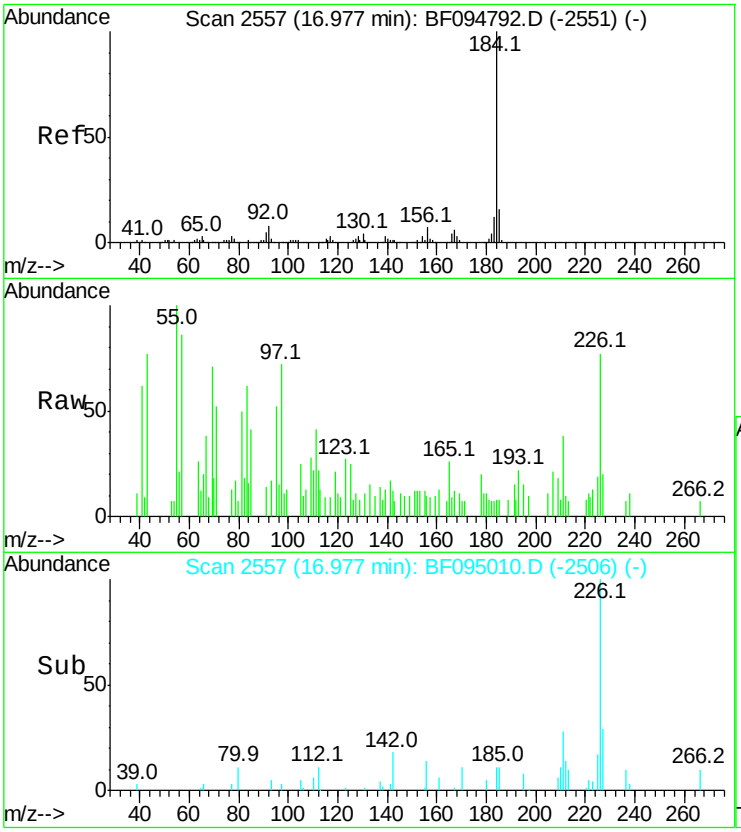


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:240 Resp: 173041

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.1	20.5	30.7



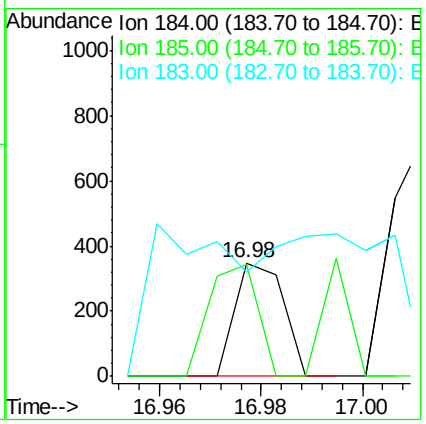


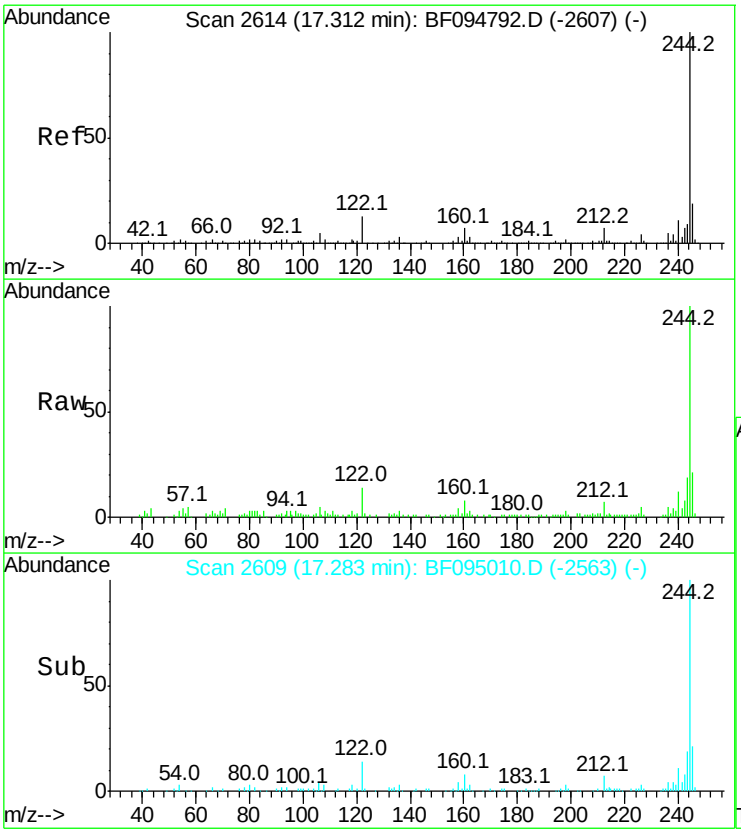
#76
Benzidine
Concen: 6.63 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 233

Ion	Ratio	Lower	Upper
184	100		
185	98.6	15.5	23.3#
183	91.1	9.8	14.6#

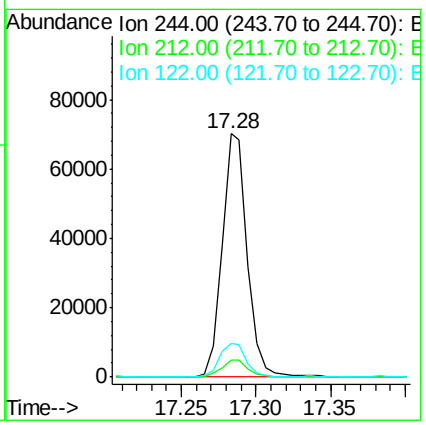


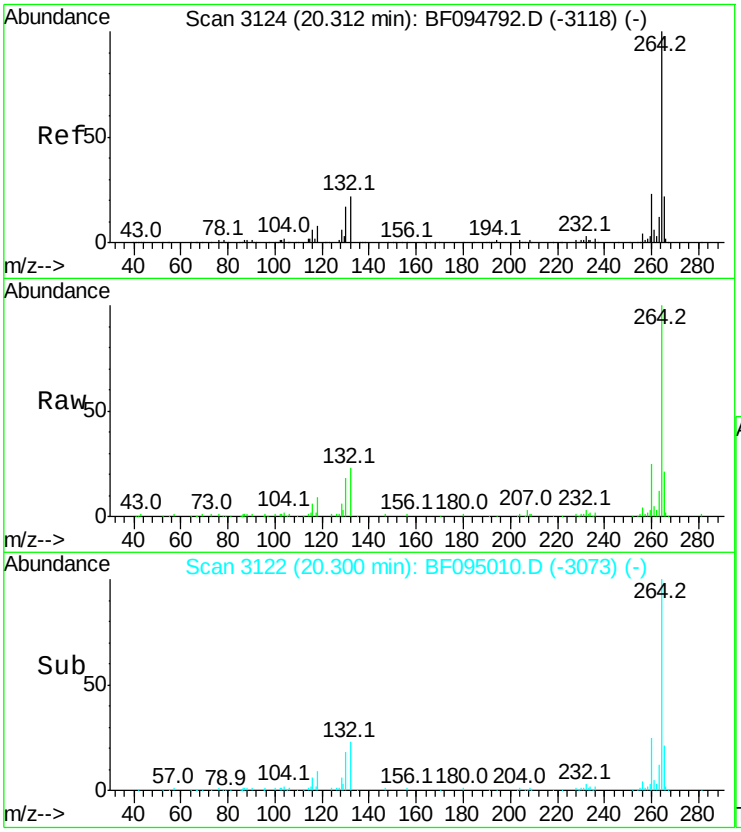


#78
Terphenyl-d14
Concen: 10.55 ng
RT: 17.28 min Scan# 2609
Delta R.T. -0.03 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion:244 Resp: 82897

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.6	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: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 134047

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	20.8	17.2	25.8