Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095037.D
Acq On : 9 May 2017 23:20
Operator : SJ/MA
Sample : I3035-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 10 01:17:51 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	99138	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	416377	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	174648	20.00	ng		-0.02
63) Phenanthrene-d10	14.96	188	351575	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	268207	20.00	ng		-0.02
86) Perylene-d12	20.29	264	183739	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	308478	51.88	ng		-0.02
7) Phenol-d6	7.26	99	238457	33.42	ng		-0.02
23) Nitrobenzene-d5	8.61	82	563136	85.28	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	196270	137.22	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1156015	95.27	ng		-0.02
78) Terphenyl-d14	17.29	244	855523	70.26	ng		-0.02
Target Compounds							Qvalue
18) Hexachloroethane	8.41	117	7438	2.82	ng	#	1
19) n-Nitroso-di-n-propylamine	8.61	70	72569	15.04	ng	#	75
32) Benzoic acid	9.56	122	10695	7.49	ng	#	17
49) Dimethylphthalate	12.20	163	32854	2.29	ng		99
50) 2,6-Dinitrotoluene	12.55	165	19990	6.83	ng	#	33
51) Acenaphthene	12.61	154	24059	2.17	ng		97
53) 2,4-Dinitrophenol	12.85	184	111	6.31	ng	#	33
76) Benzidine	17.18	184	244	6.62	ng	#	1

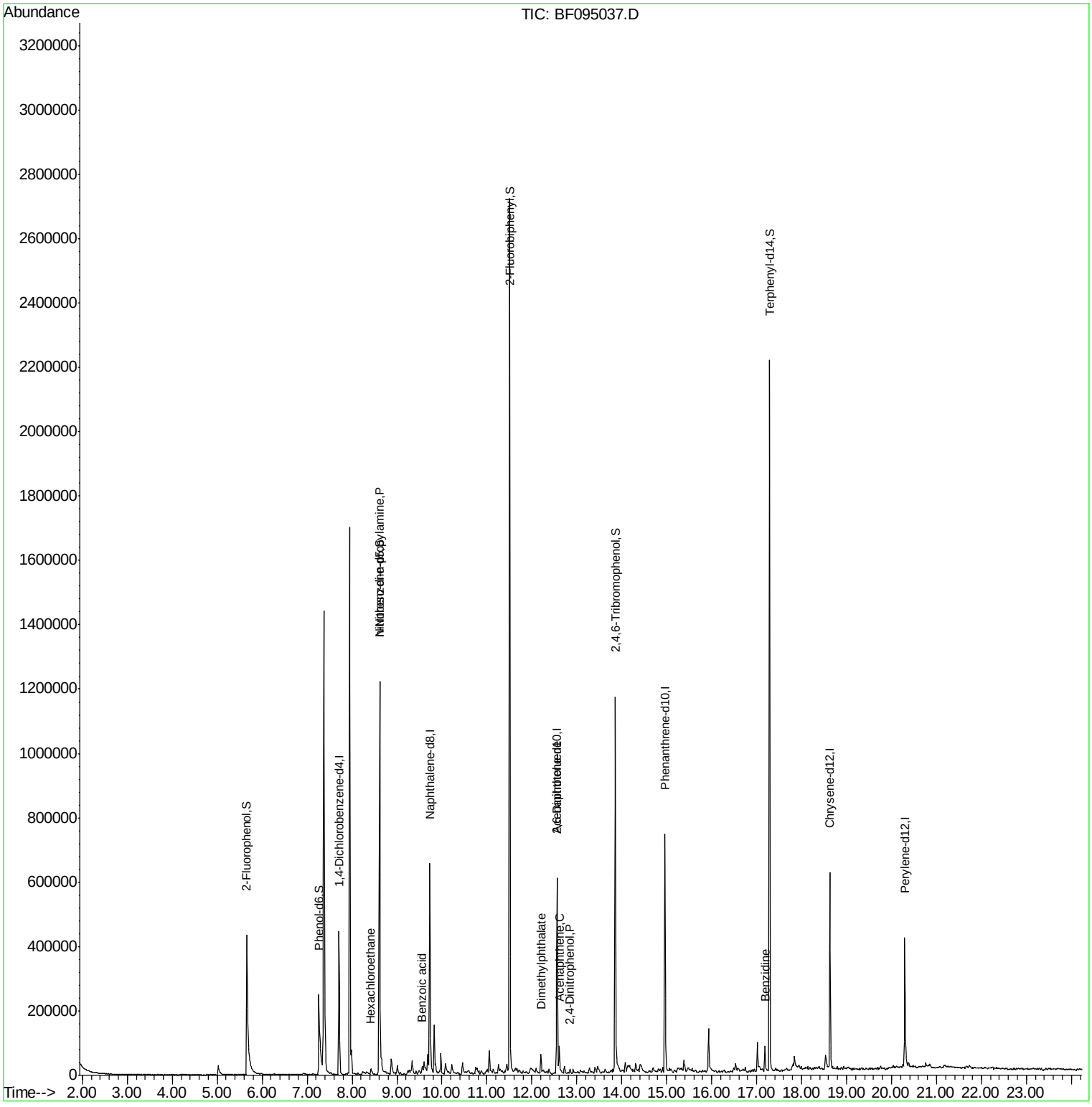
(#) = qualifier out of range (m) = manual integration (+) = signals summed

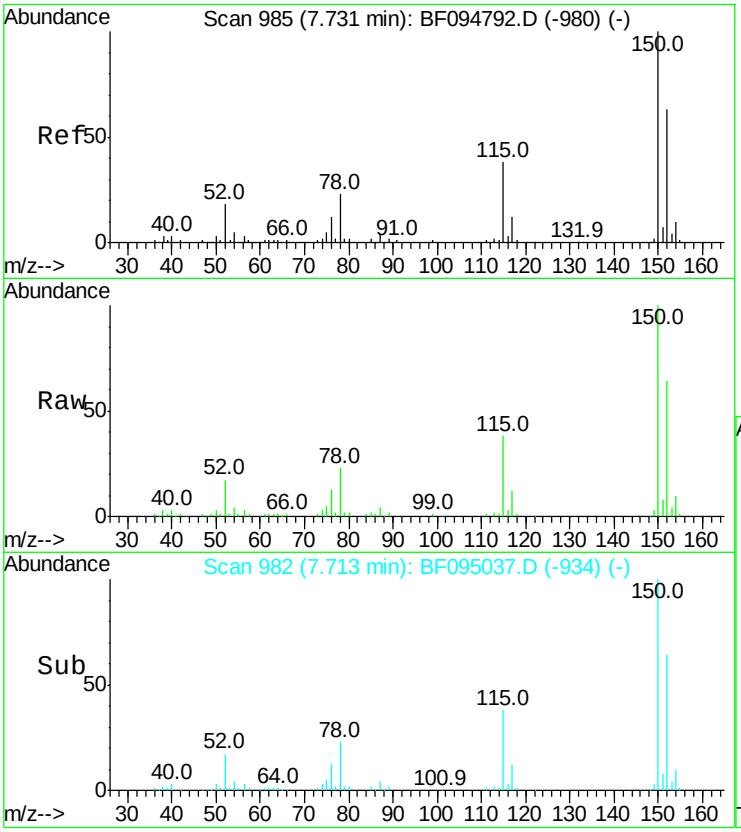
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095037.D
Acq On : 9 May 2017 23:20
Operator : SJ/MA
Sample : I3035-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 10 01:17:51 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



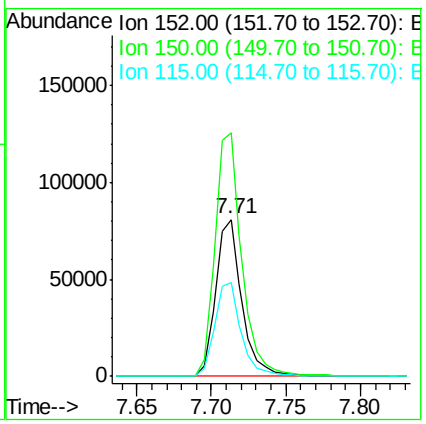


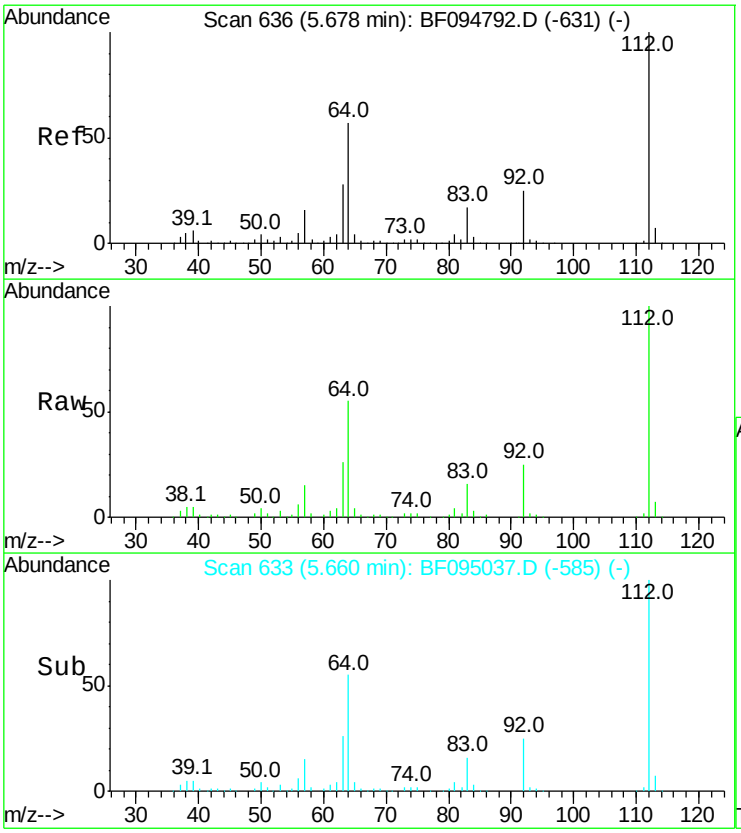
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99138

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	59.5	52.2	78.2

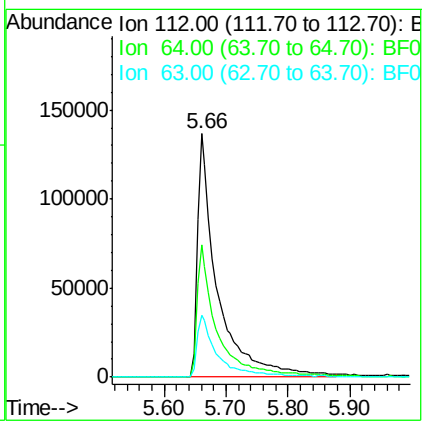


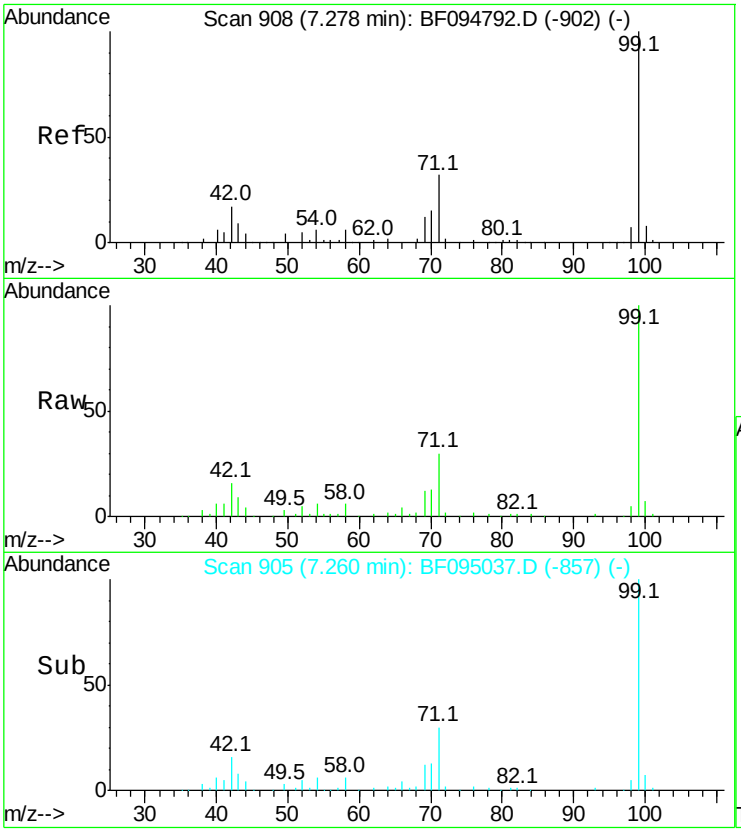


#5
2-Fluorophenol
Concen: 51.88 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:112 Resp: 308478

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	25.6	23.4	35.0



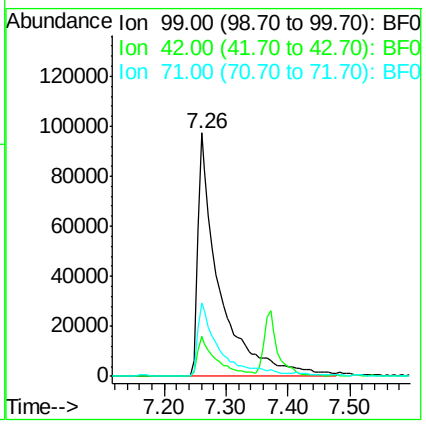


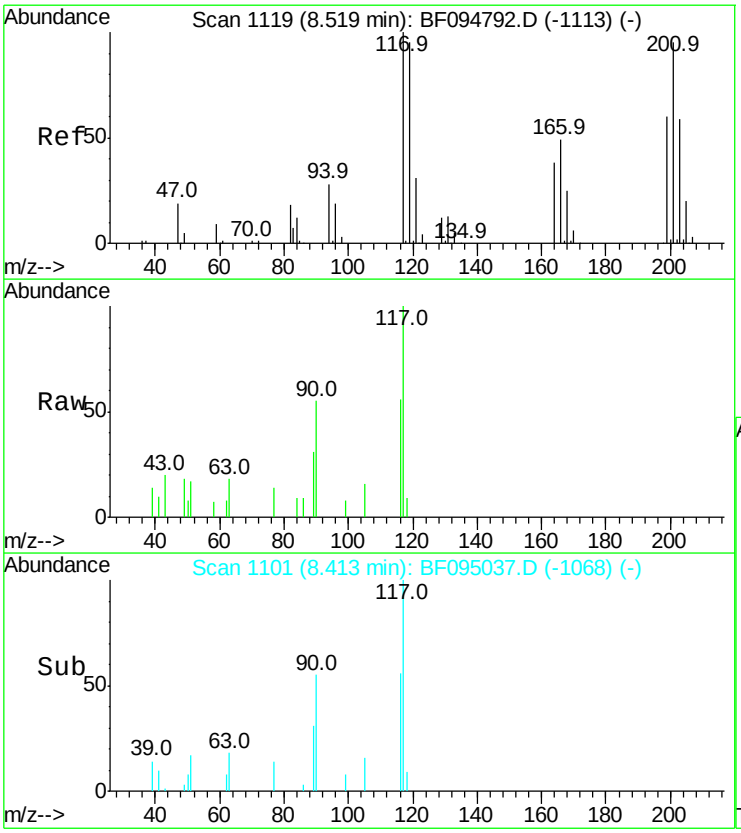
#7
Phenol-d6
Concen: 33.42 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 238457

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.3	24.5	36.7

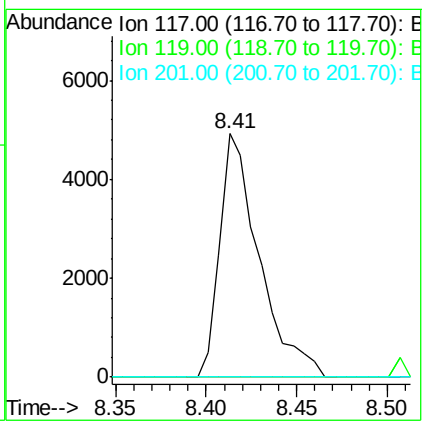


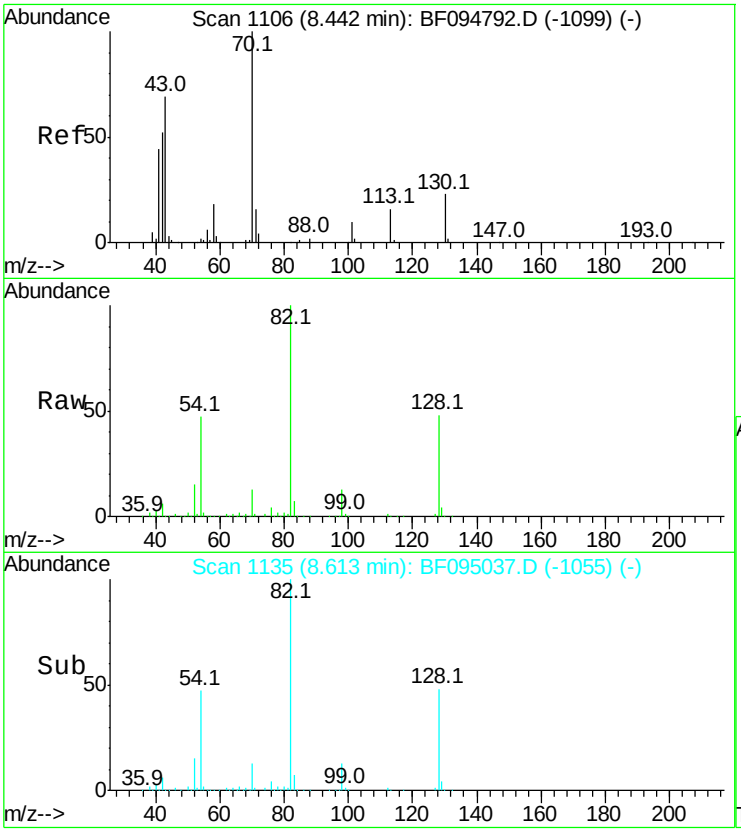


#18
Hexachloroethane
Concen: 2.82 ng
RT: 8.41 min Scan# 1101
Delta R.T. -0.11 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:117 Resp: 7438

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



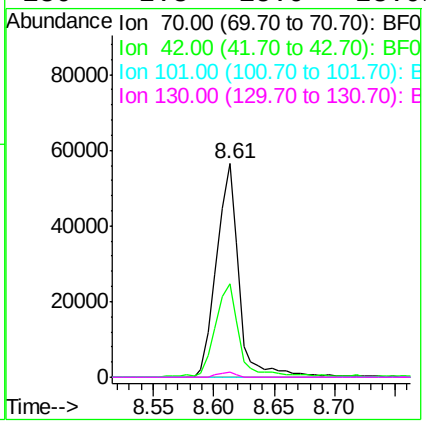


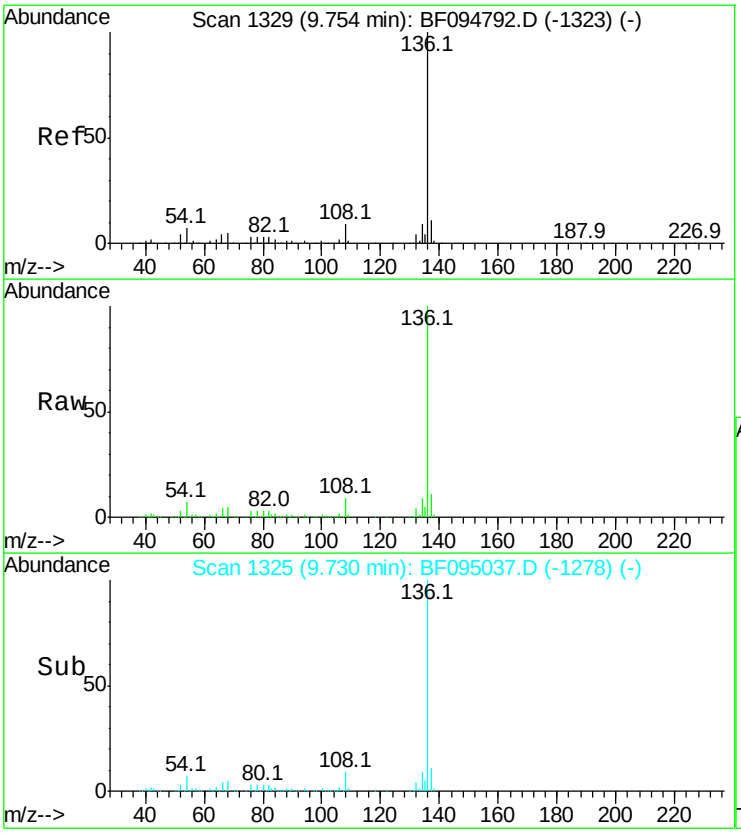
#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 72569

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

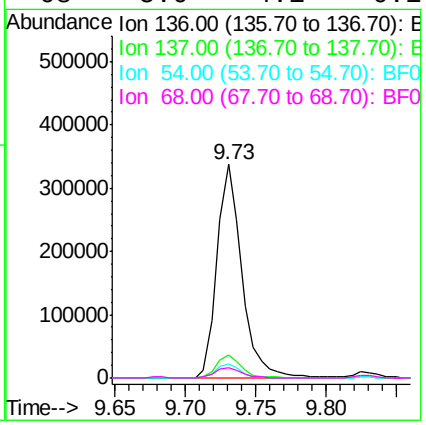


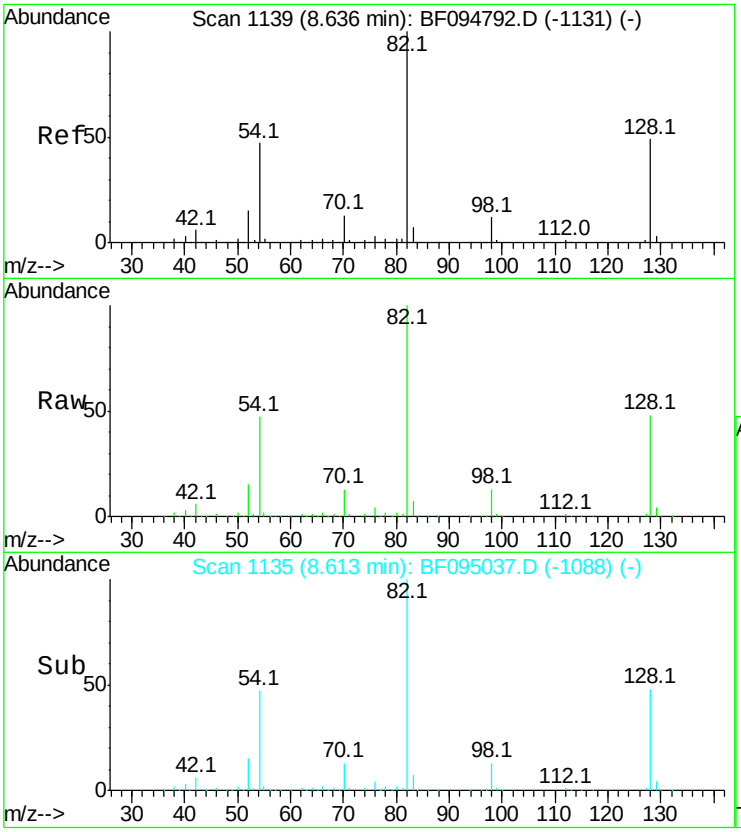


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:136 Resp: 416377

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.7	4.9	7.3
68	5.0	4.1	6.1



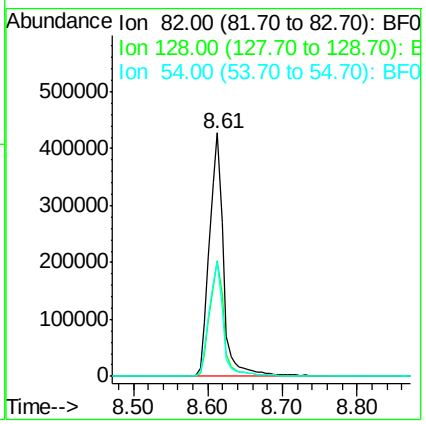


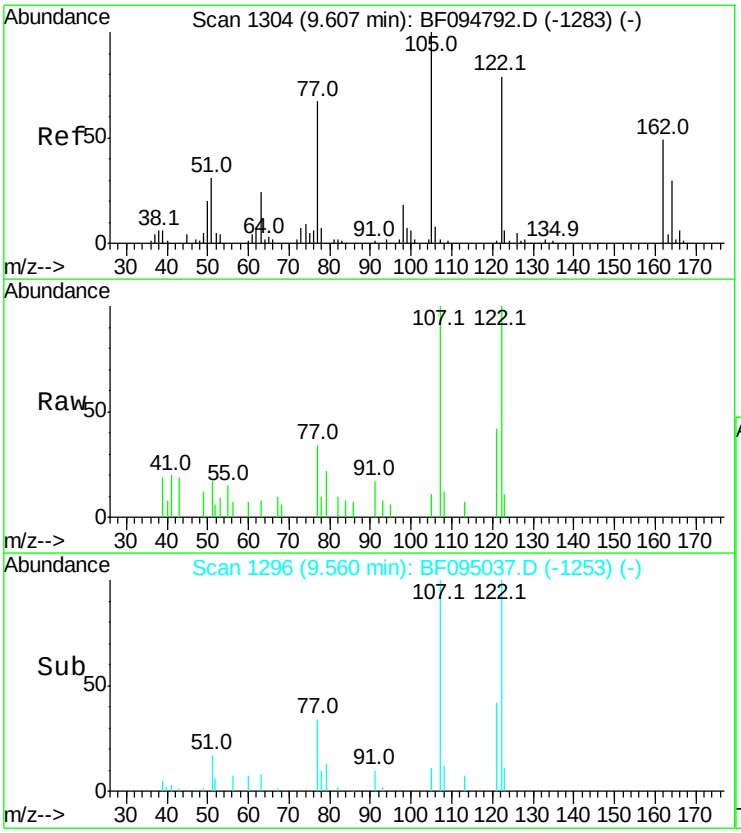
#23
Nitrobenzene-d5
Concen: 85.28 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 563136

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	46.8	42.2	63.2

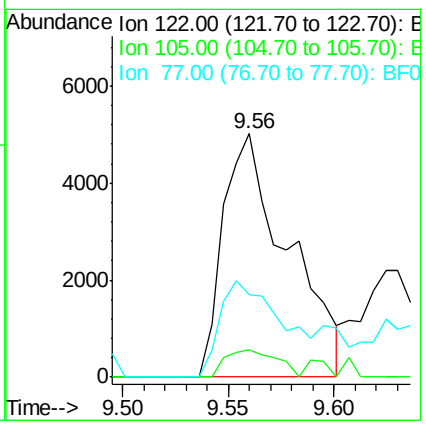


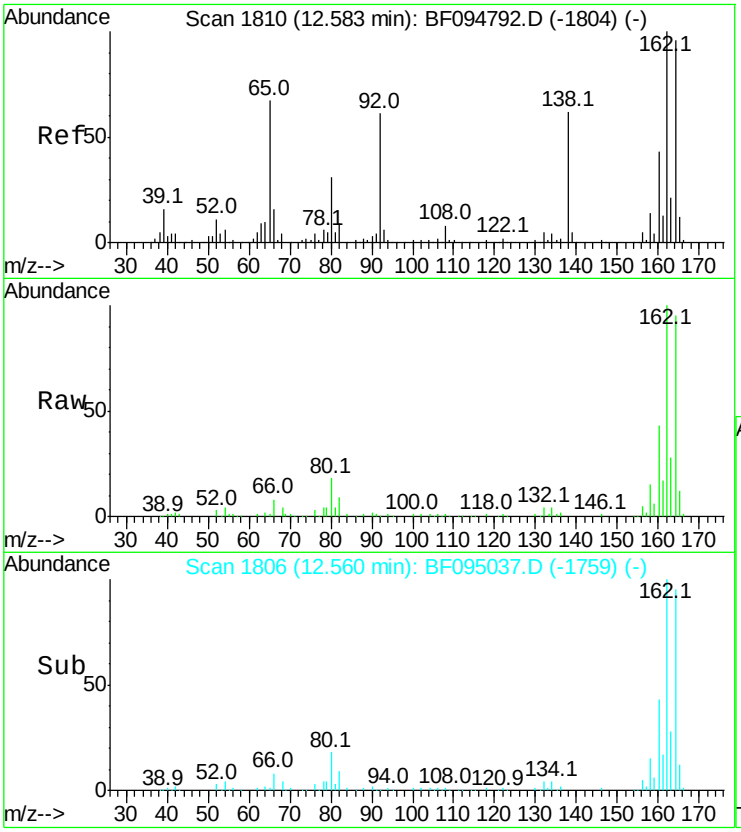


#32
Benzoic acid
Concen: 7.49 ng
RT: 9.56 min Scan# 1296
Delta R.T. -0.05 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:122 Resp: 10695

Ion	Ratio	Lower	Upper
122	100		
105	11.2	103.3	143.3#
77	33.9	73.7	113.7#



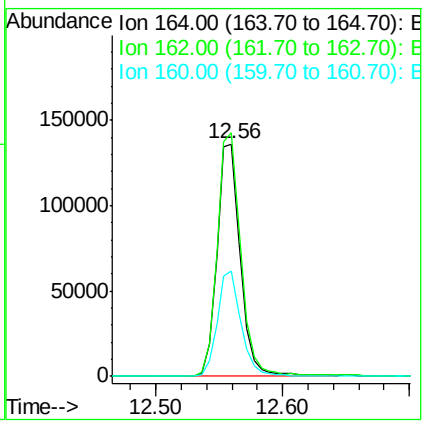


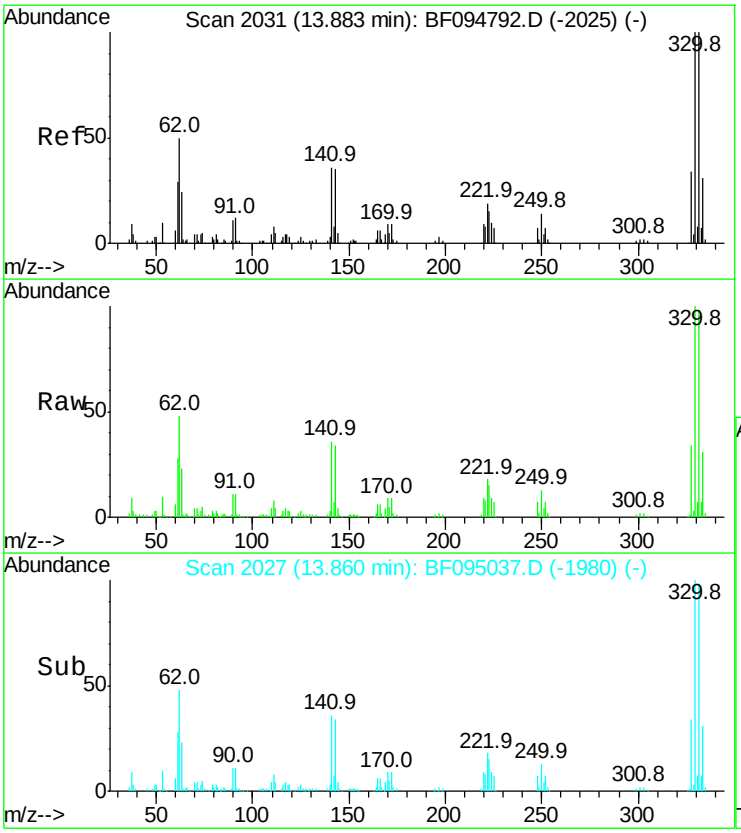
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 174648

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.5	36.2	54.2

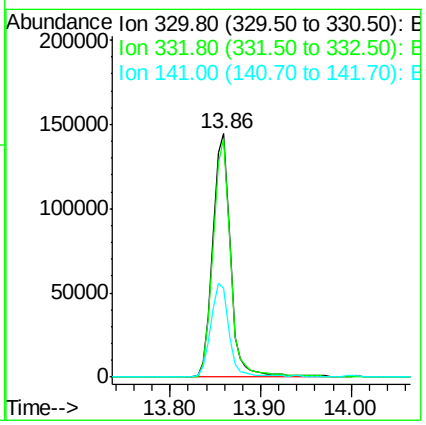


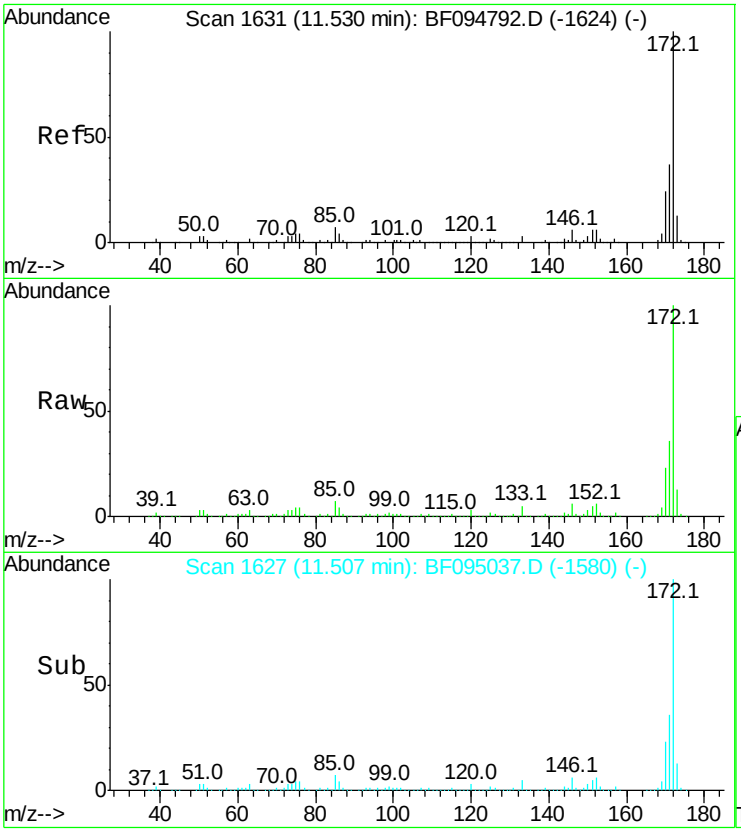


#41
2,4,6-Tribromophenol
Concen: 137.22 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:330 Resp: 196270

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.9	31.4	47.2



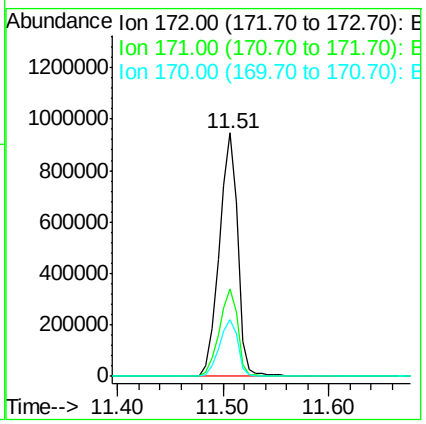


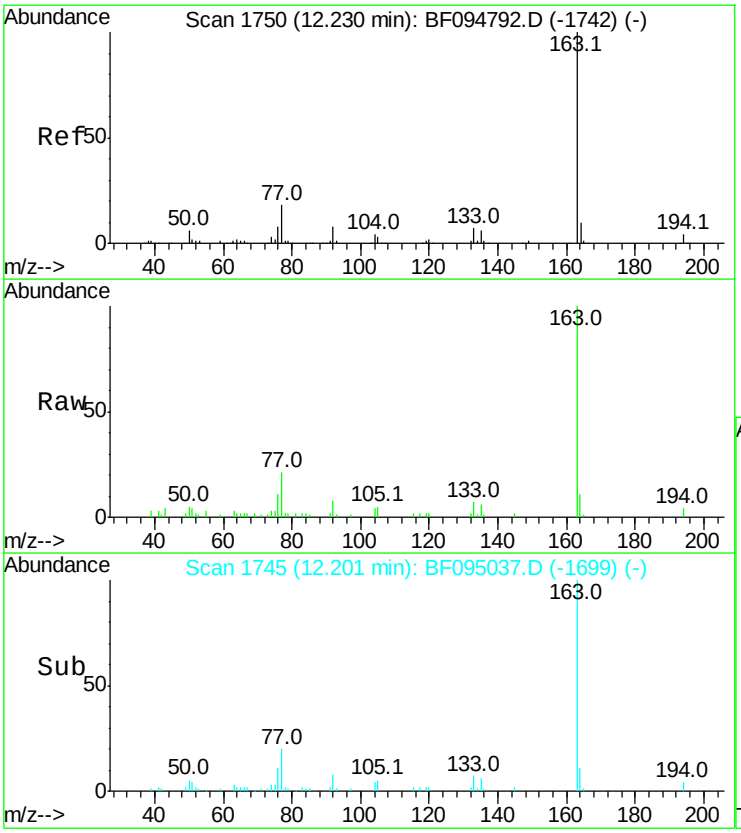
#44
2-Fluorobiphenyl
Concen: 95.27 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1156015

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.4	19.8	29.8

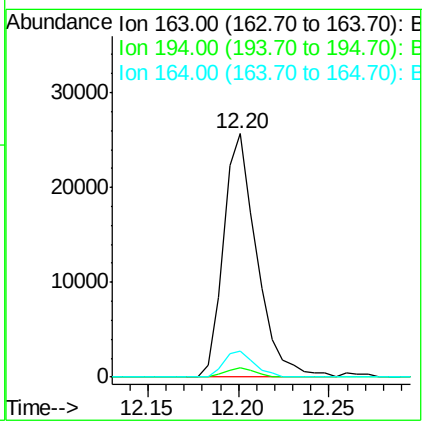


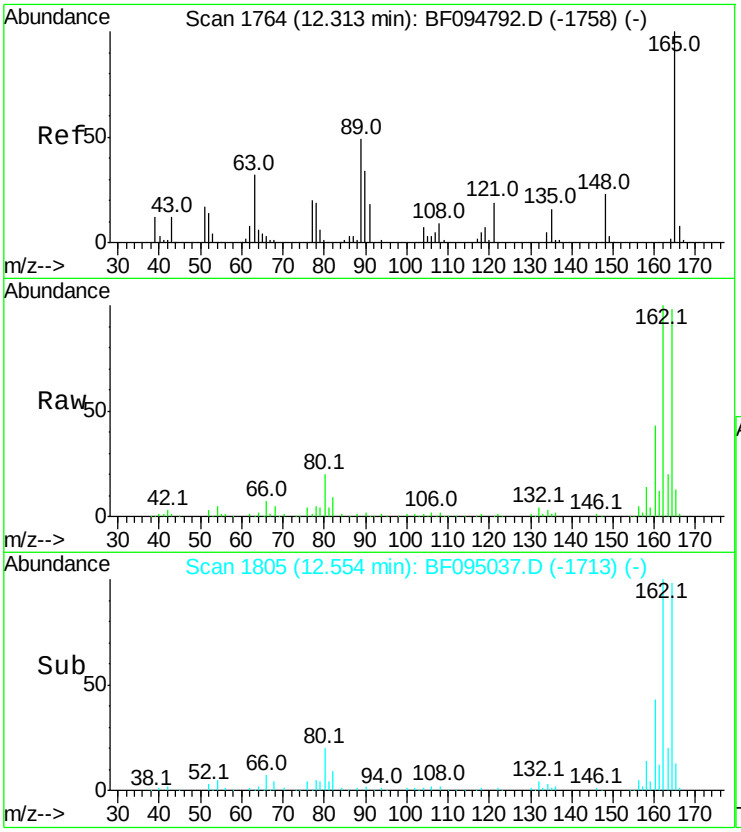


#49
Dimethylphthalate
Concen: 2.29 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:163 Resp: 32854

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.8	8.4	12.6



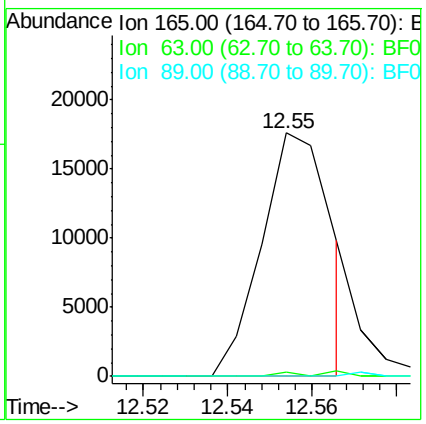


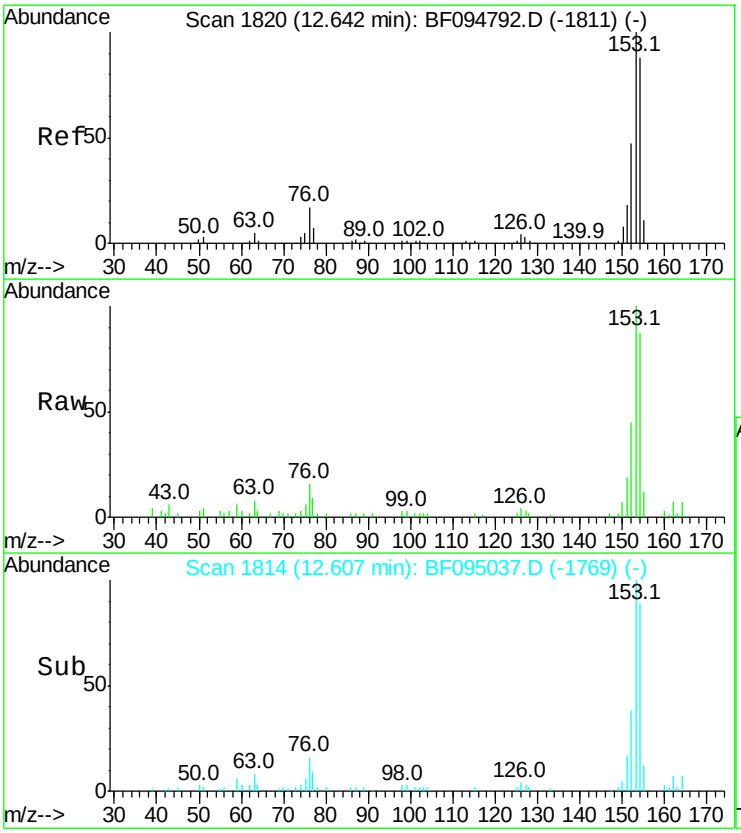
#50
2,6-Dinitrotoluene
Concen: 6.83 ng
RT: 12.55 min Scan# 1805
Delta R.T. 0.24 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19990

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.0	37.1	55.7#

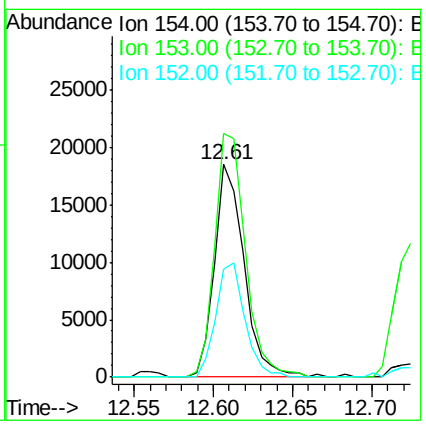


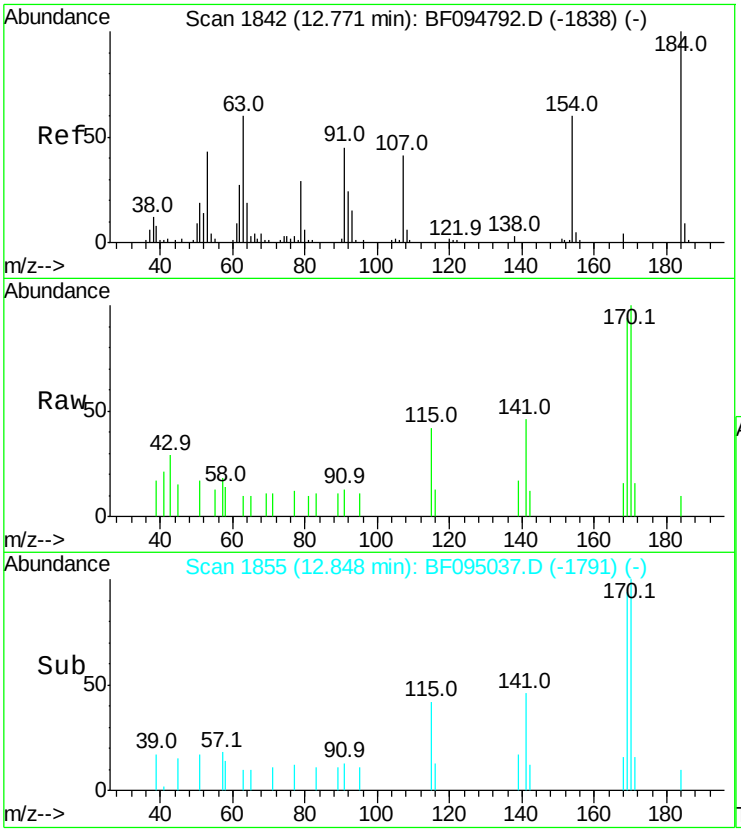


#51
Acenaphthene
Concen: 2.17 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.04 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:154 Resp: 24059

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	51.0	43.6	65.4



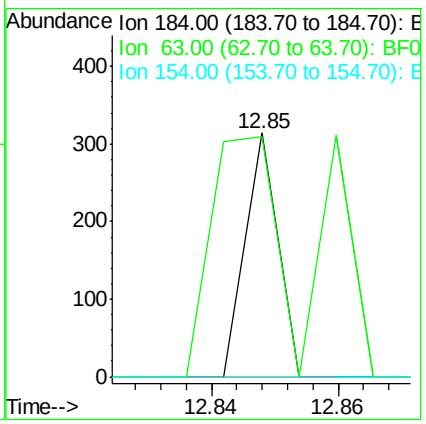


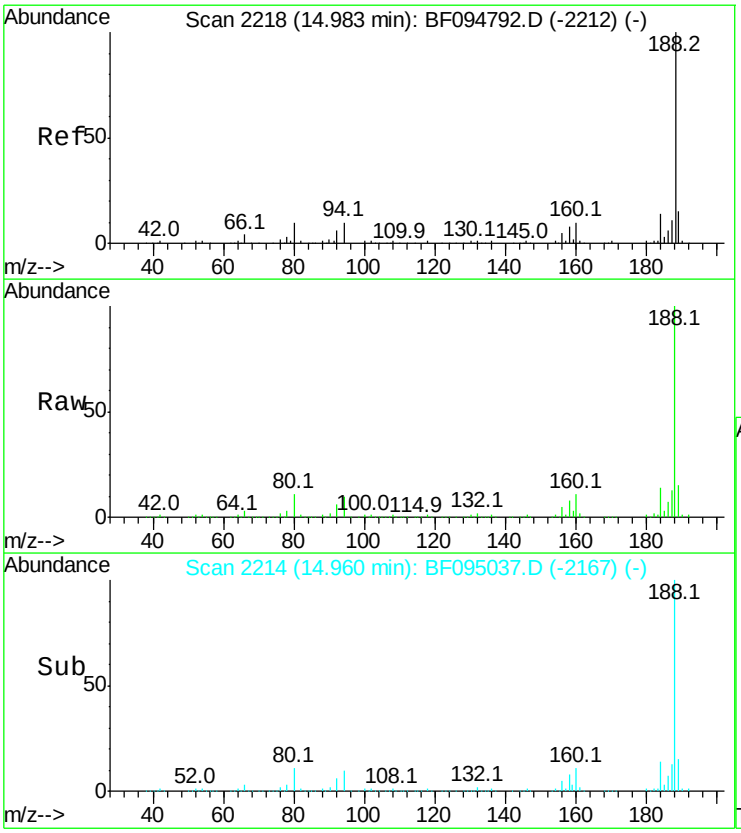
#53
2,4-Dinitrophenol
Concen: 6.31 ng
RT: 12.85 min Scan# 1855
Delta R.T. 0.08 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 111

Ion	Ratio	Lower	Upper
184	100		
63	98.7	62.7	94.1#
154	0.0	81.1	121.7#

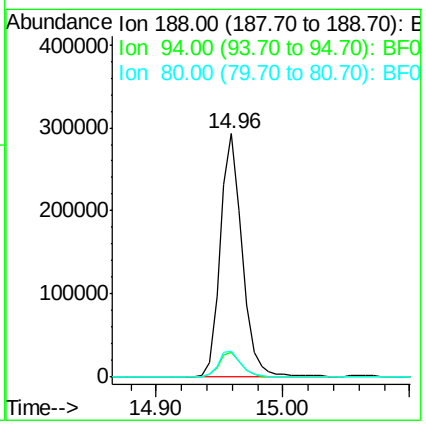


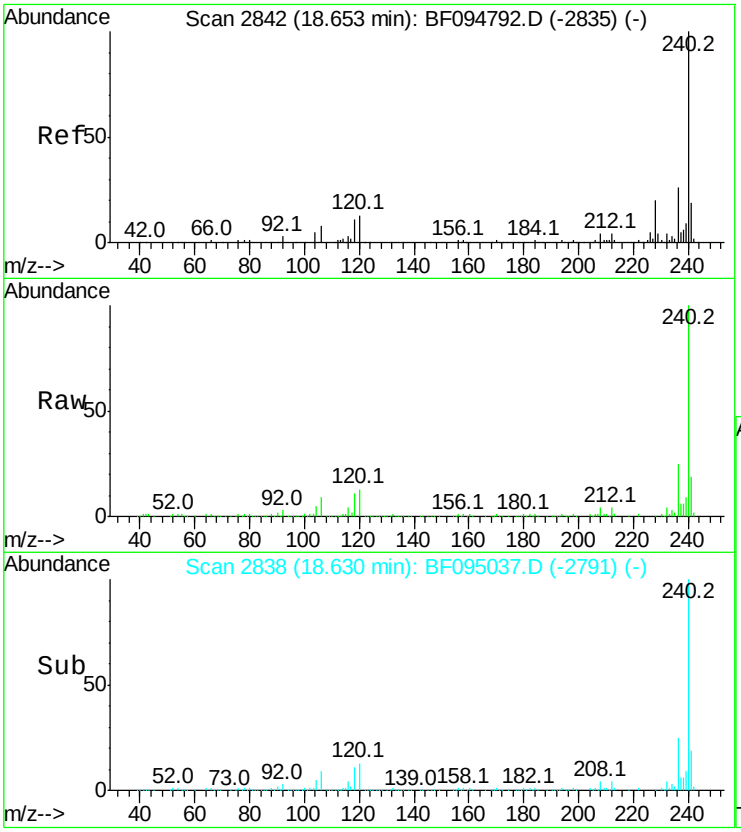


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:188 Resp: 351575

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2



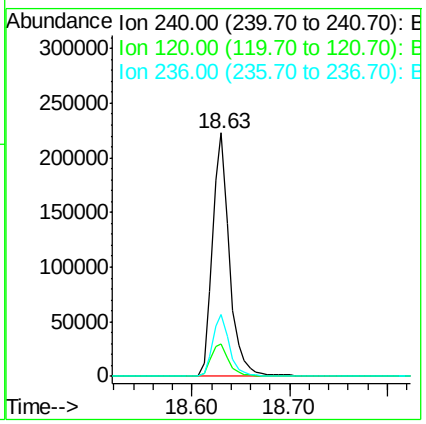


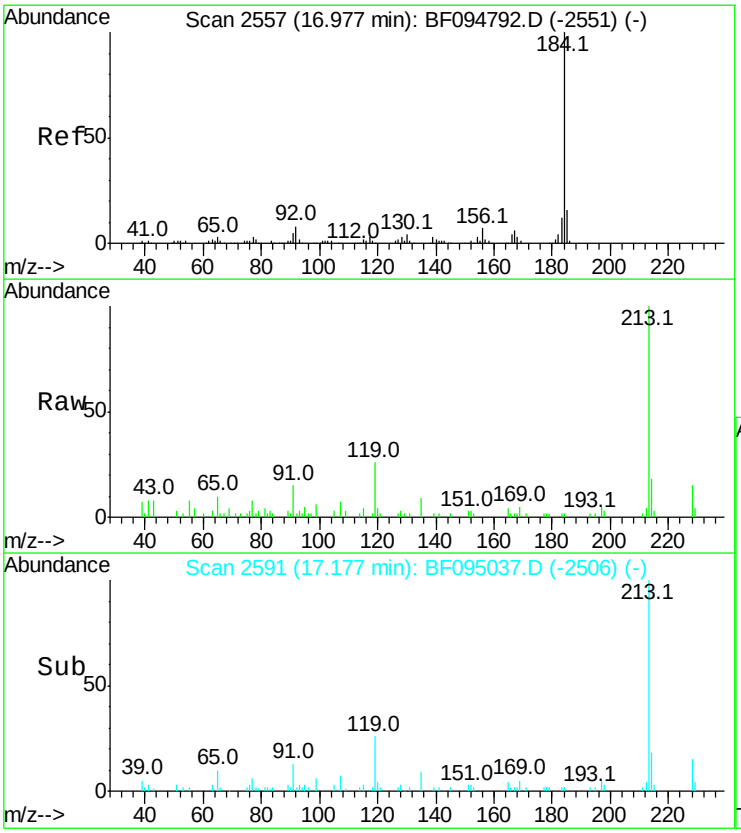
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 268207

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.4	20.5	30.7

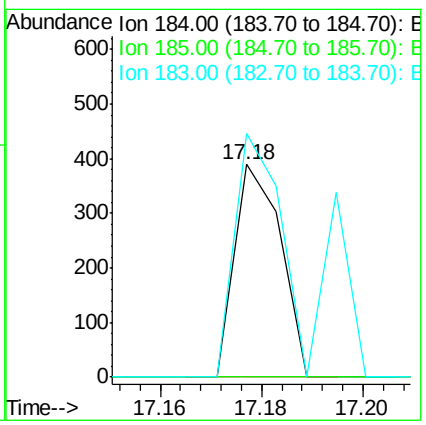


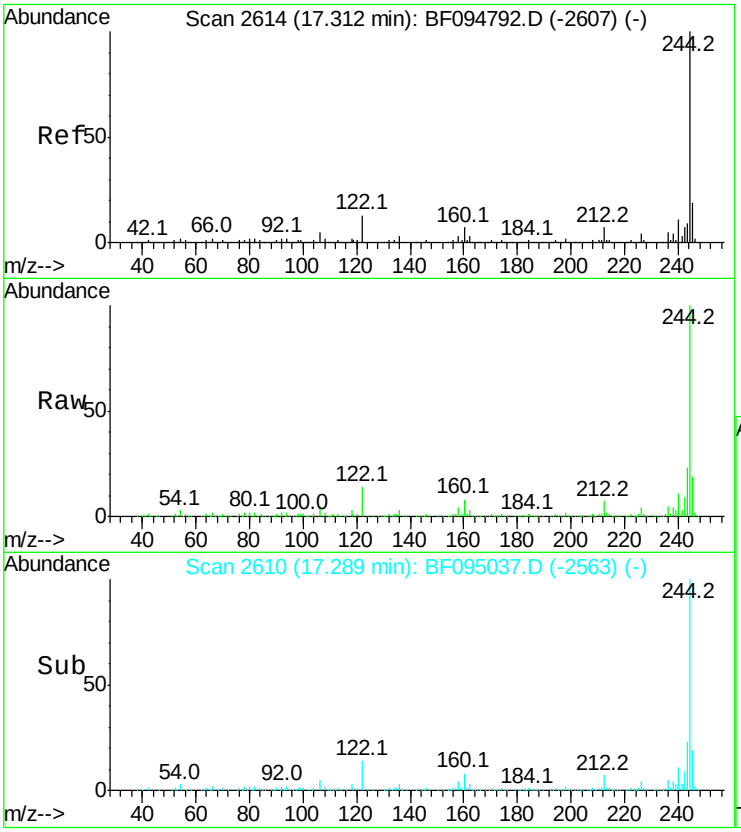


#76
Benzidine
Concen: 6.62 ng
RT: 17.18 min Scan# 2591
Delta R.T. 0.20 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:184 Resp: 244

Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	114.7	9.8	14.6#



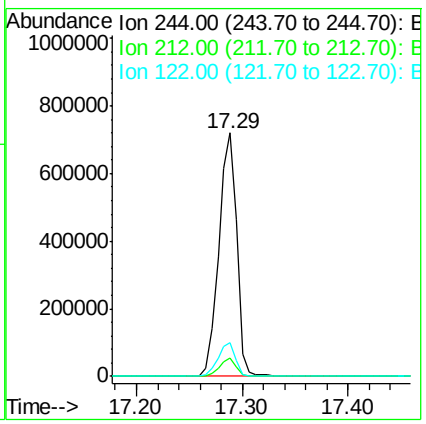


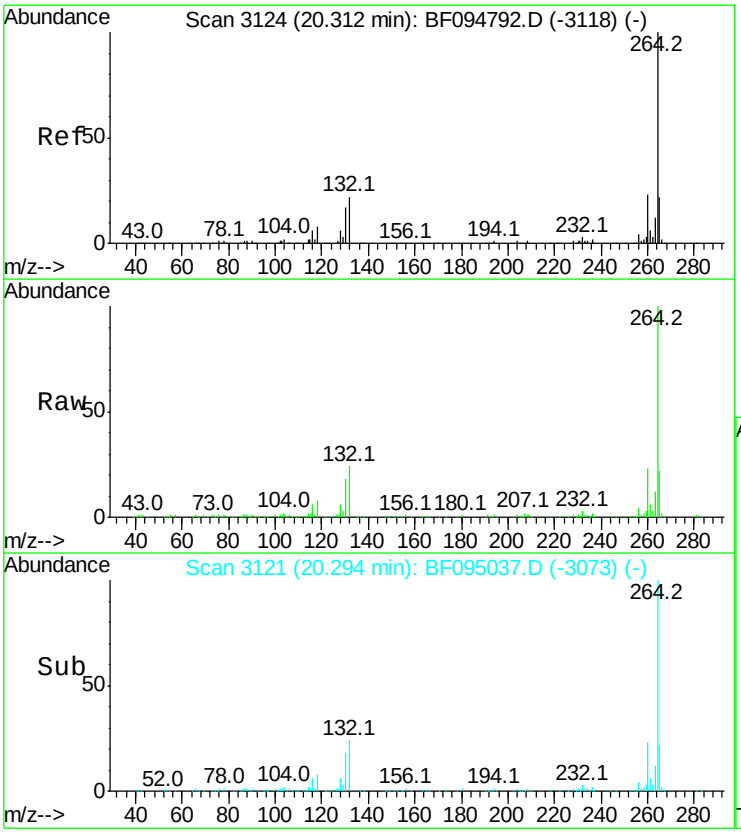
#78
Terphenyl-d14
Concen: 70.26 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 855523

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:264 Resp: 183739

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.7	17.2	25.8