Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095120.D
Acq On : 12 May 2017 19:35
Operator : SJ/MA
Sample : I3058-04 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 13 00:55:03 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	7.70	152	95005	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	377676	20.00	ng		-0.04
38) Acenaphthene-d10	12.55	164	164836	20.00	ng		-0.04
63) Phenanthrene-d10	14.95	188	296210	20.00	ng		-0.03
75) Chrysene-d12	18.64	240	210674	20.00	ng		-0.01
86) Perylene-d12	20.30	264	188864	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	515	0.09	ng		0.09
7) Phenol-d6	7.46	99	1187	0.17	ng		0.18
23) Nitrobenzene-d5	8.68	82	1524	0.25	ng		0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	11.52	172	4383	0.38	ng		-0.01
78) Terphenyl-d14	17.30	244	2600	0.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	23386	8.37	ng		99
13) 1,4-Dichlorobenzene	7.97	146	24053	3.22	ng		95
14) 1,2-Dichlorobenzene	7.97	146	26715	3.84	ng		97
20) 3+4-Methylphenols	8.52	107	24779	3.44	ng	#	53
32) Benzoic acid	9.59	122	14981	8.81	ng	#	16
50) 2,6-Dinitrotoluene	12.55	165	15779	5.72	ng	#	31
76) Benzidine	16.97	184	240	6.63	ng	#	1

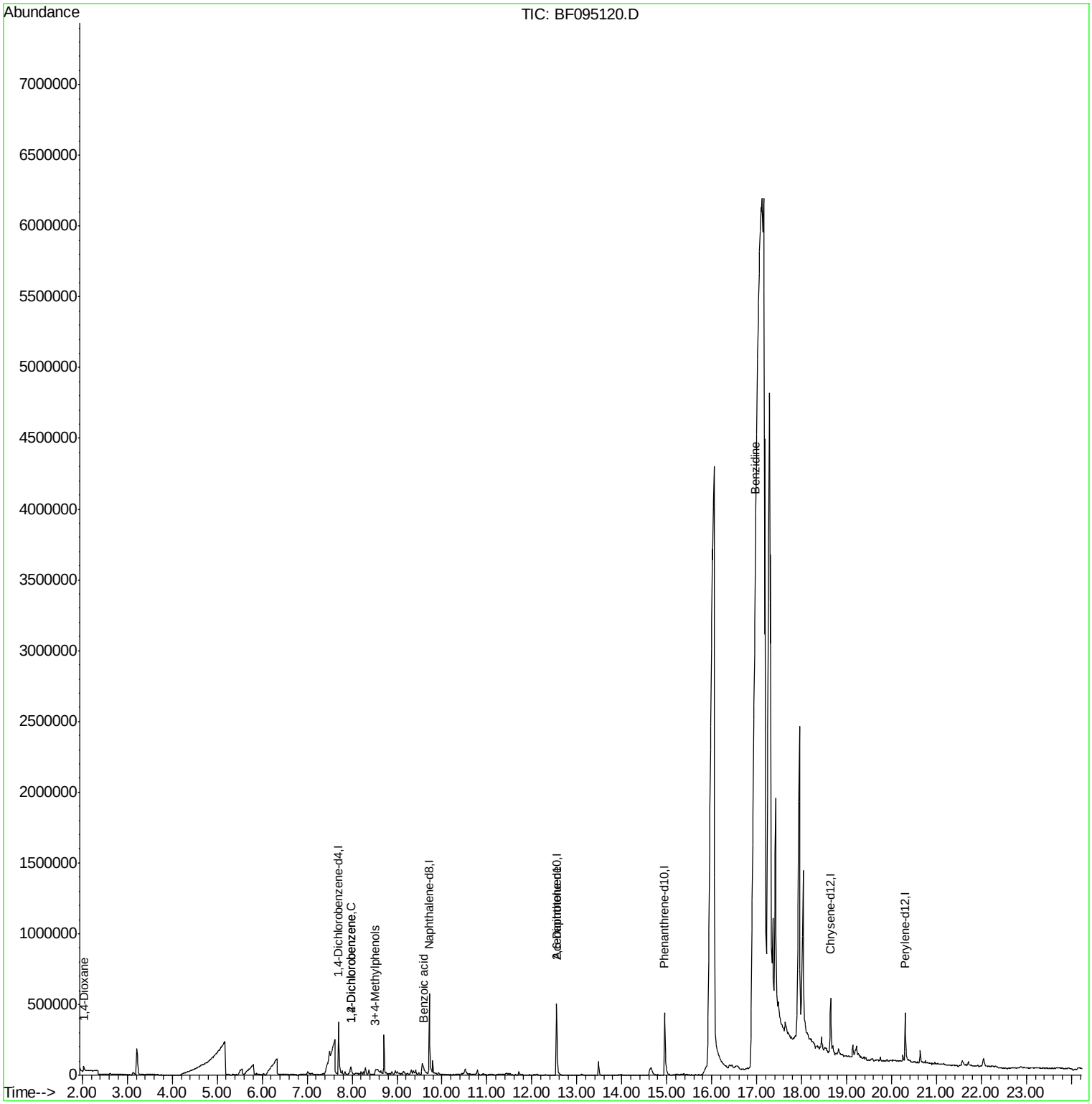
(#) = qualifier out of range (m) = manual integration (+) = signals summed

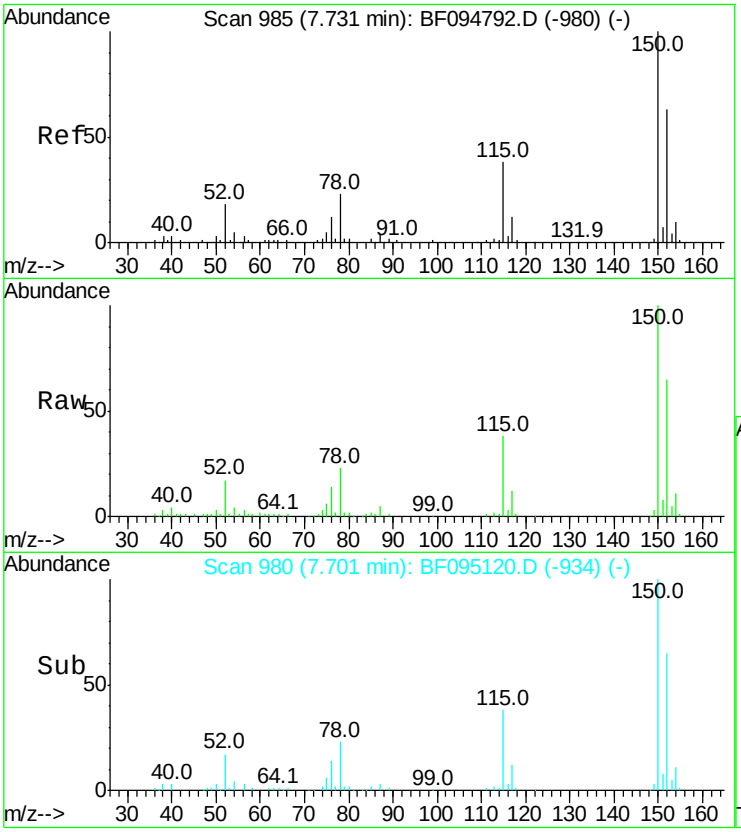
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095120.D
Acq On : 12 May 2017 19:35
Operator : SJ/MA
Sample : I3058-04 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 13 00:55:03 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



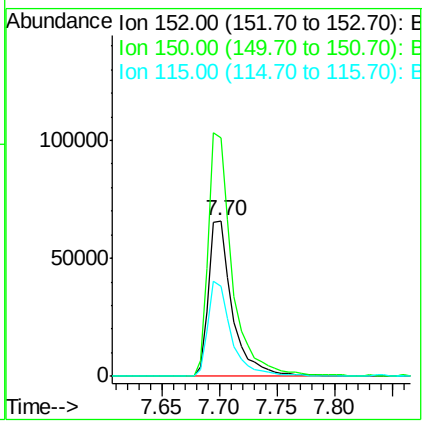


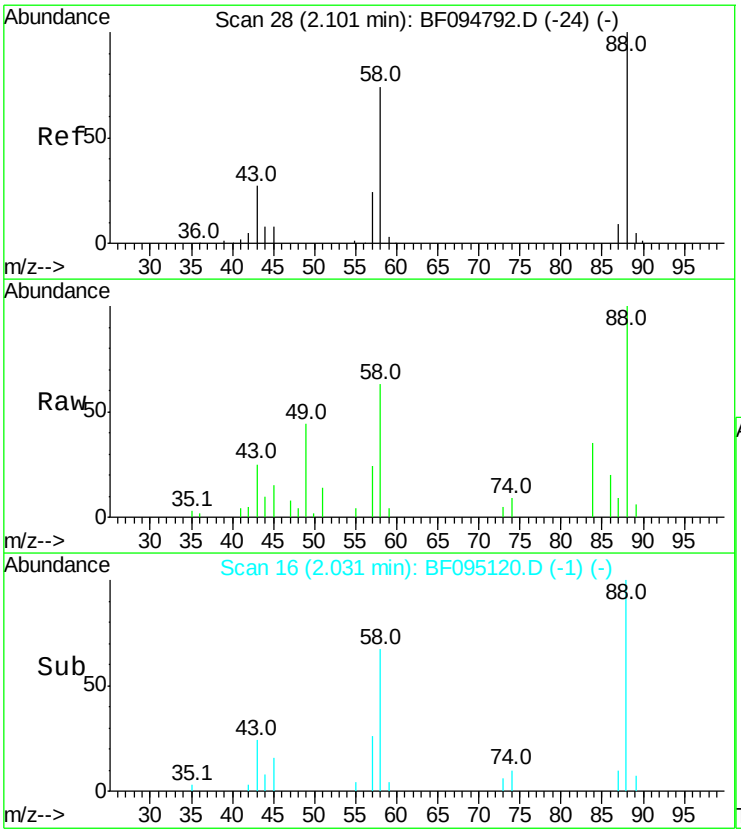
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 95005

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	57.9	52.2	78.2

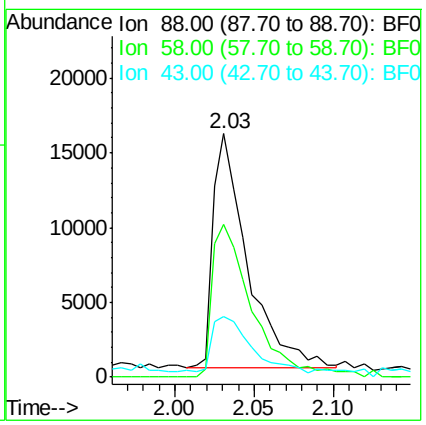


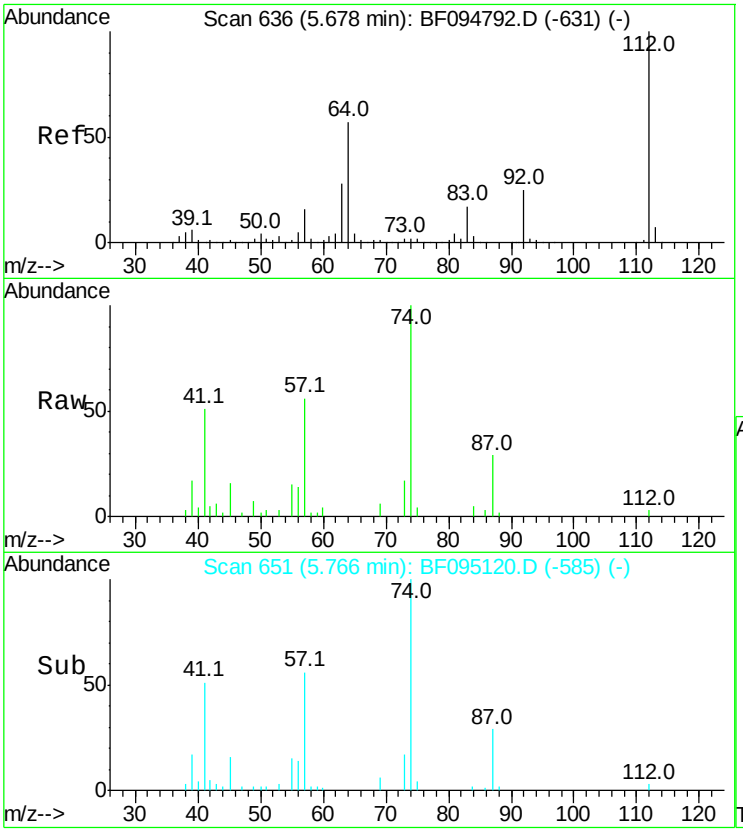


#2
1,4-Dioxane
Concen: 8.37 ng
RT: 2.03 min Scan# 16
Delta R.T. -0.07 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion: 88 Resp: 23386

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.4	92.0
43	27.3	23.4	35.0



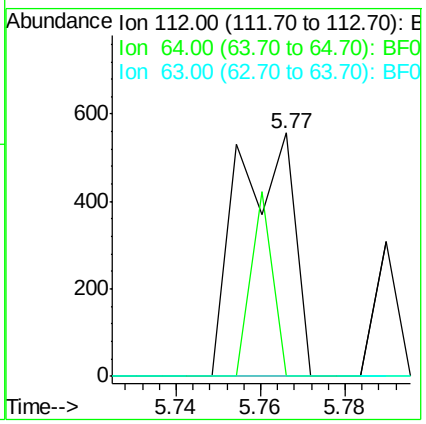


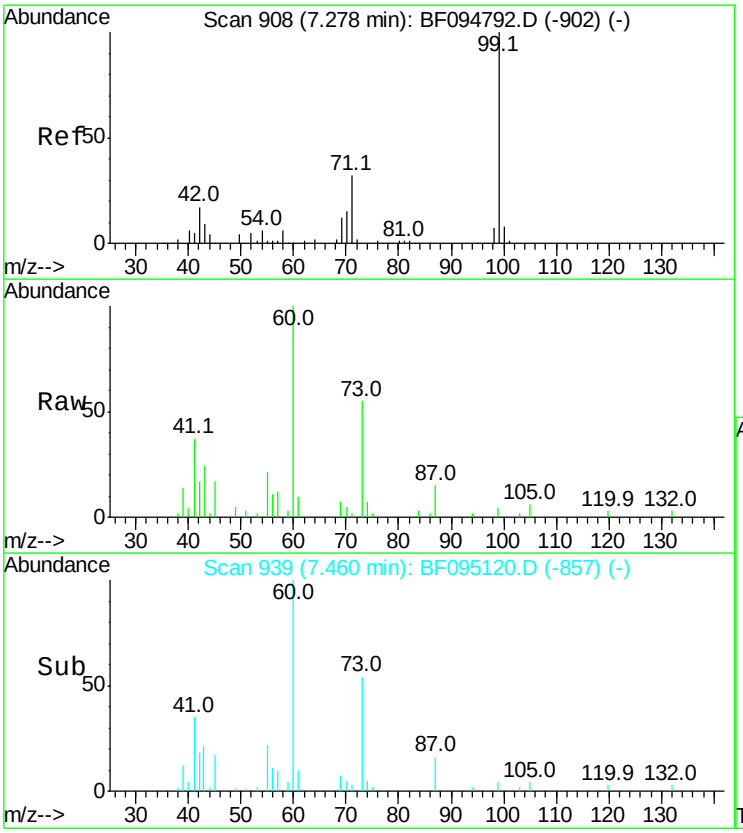
#5
2-Fluorophenol
Concen: 0.09 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.09 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 515

Ion	Ratio	Lower	Upper
112	100		
64	0.0	46.0	69.0#
63	0.0	23.4	35.0#

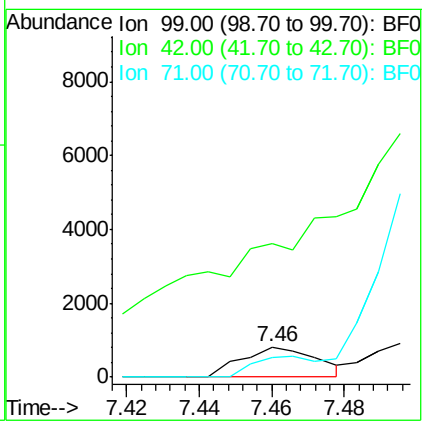


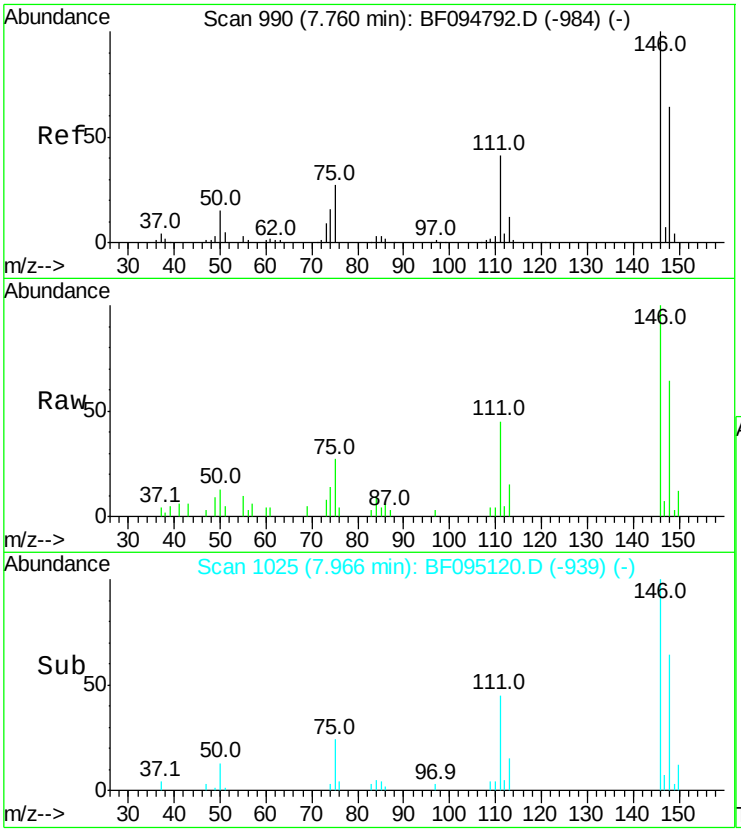


#7
Phenol-d6
Concen: 0.17 ng
RT: 7.46 min Scan# 939
Delta R.T. 0.18 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion: 99 Resp: 1187

Ion	Ratio	Lower	Upper
99	100		
42	443.0	13.5	20.3#
71	63.5	24.5	36.7#



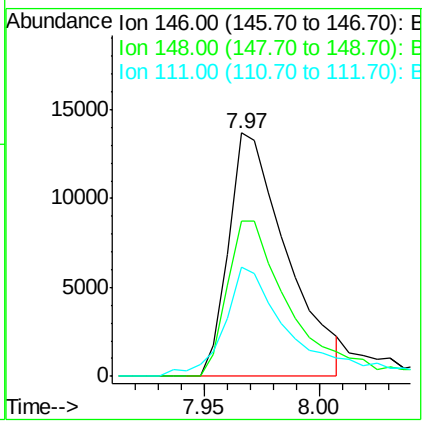


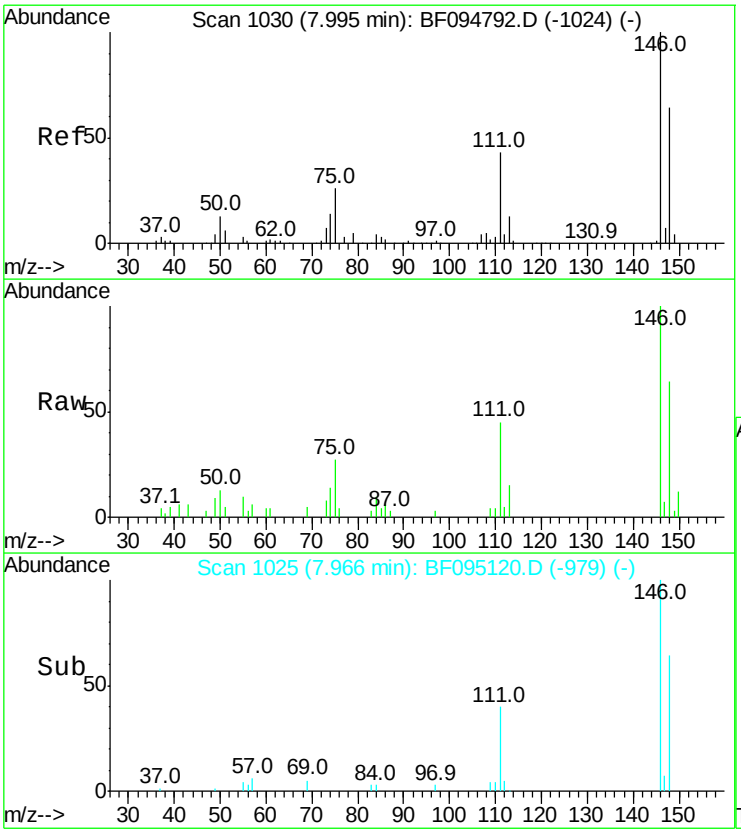
#13
1,4-Dichlorobenzene
Concen: 3.22 ng
RT: 7.97 min Scan# 1025
Delta R.T. 0.21 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 24053

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	44.9	30.3	45.5

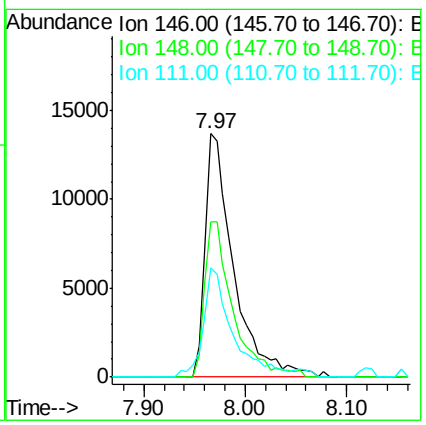


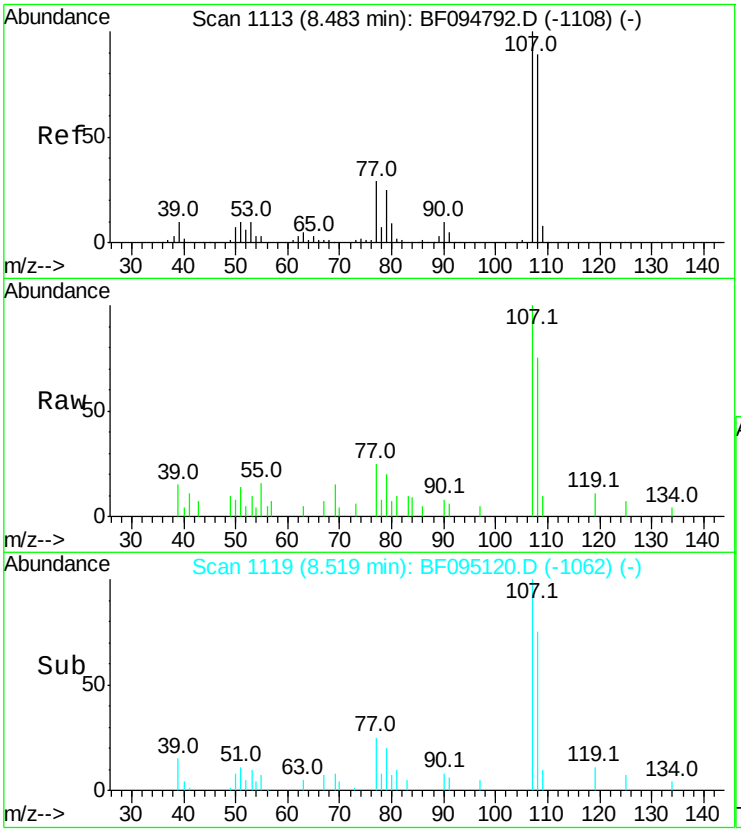


#14
1,2-Dichlorobenzene
Concen: 3.84 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion:146 Resp: 26715

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	44.9	38.2	57.4



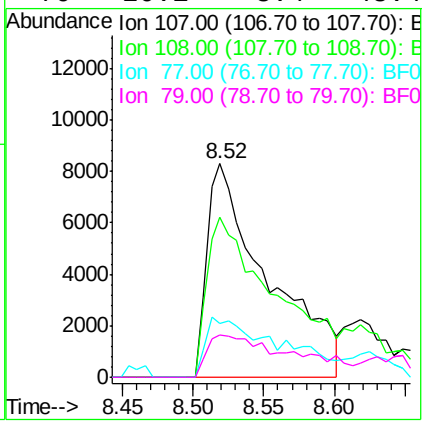


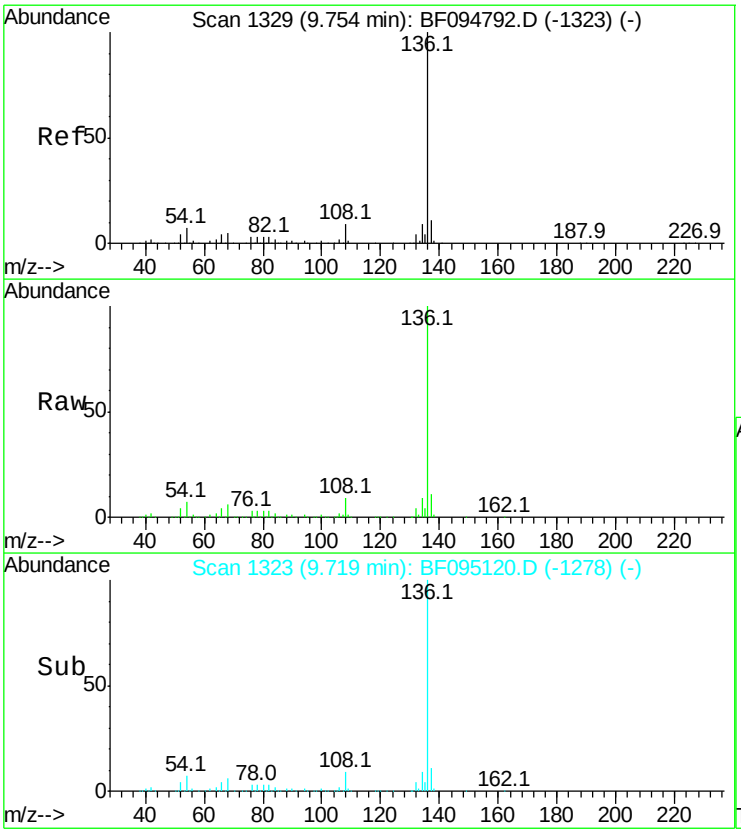
#20
3+4-Methylphenols
Concen: 3.44 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.04 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 24779

Ion	Ratio	Lower	Upper
107	100		
108	74.8	71.0	111.0
77	25.1	90.5	130.5#
79	20.1	8.4	48.4

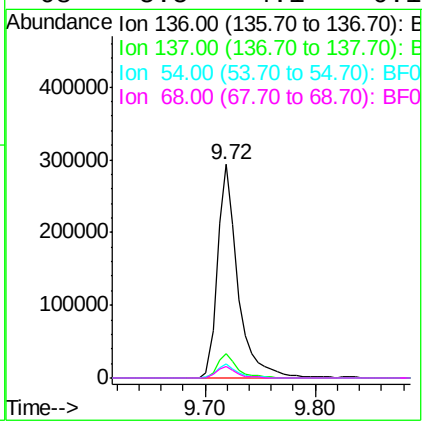


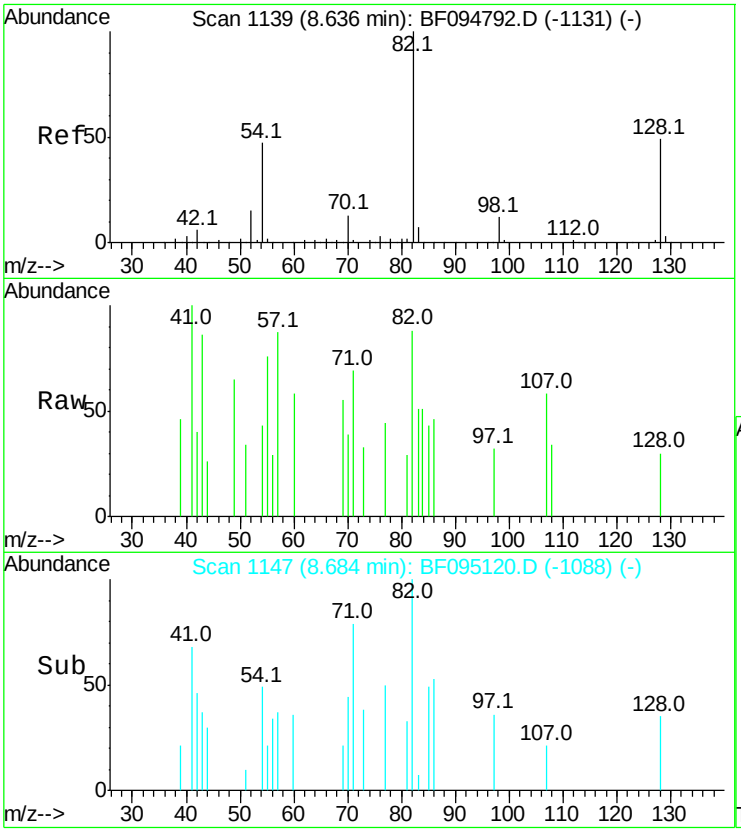


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion:136 Resp: 377676

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.7	4.9	7.3
68	5.5	4.1	6.1



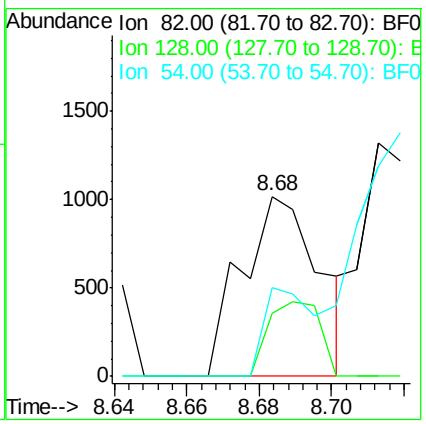


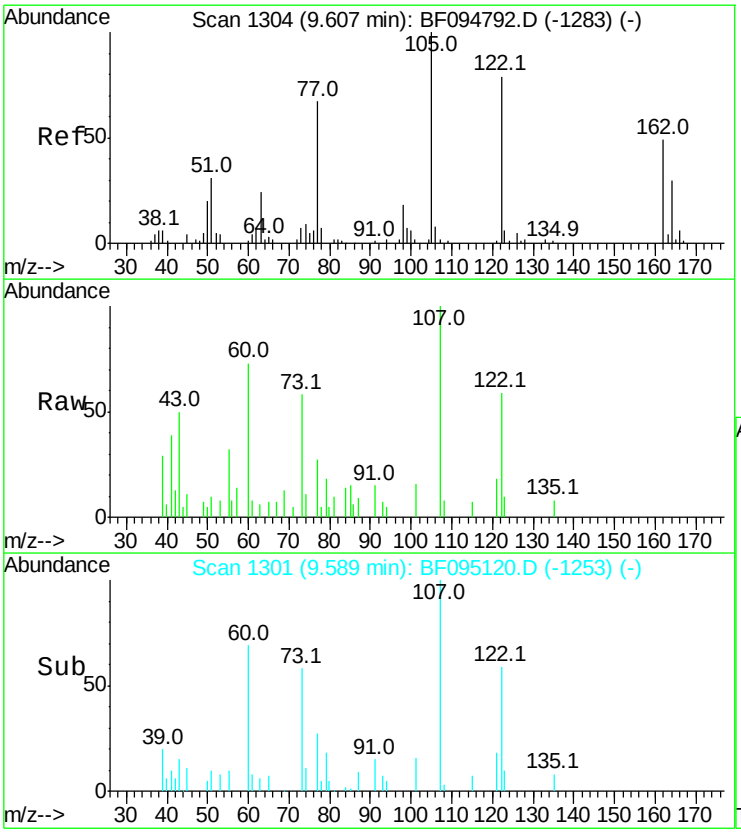
#23
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1524

Ion	Ratio	Lower	Upper
82	100		
128	34.7	34.0	51.0
54	49.4	42.2	63.2

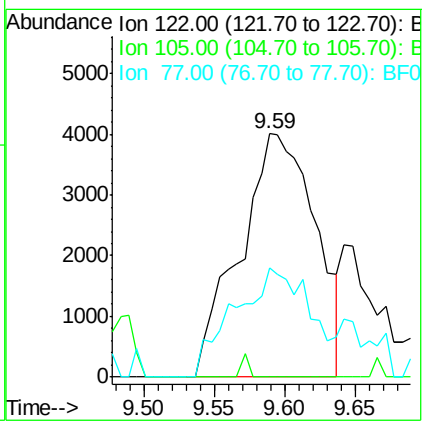


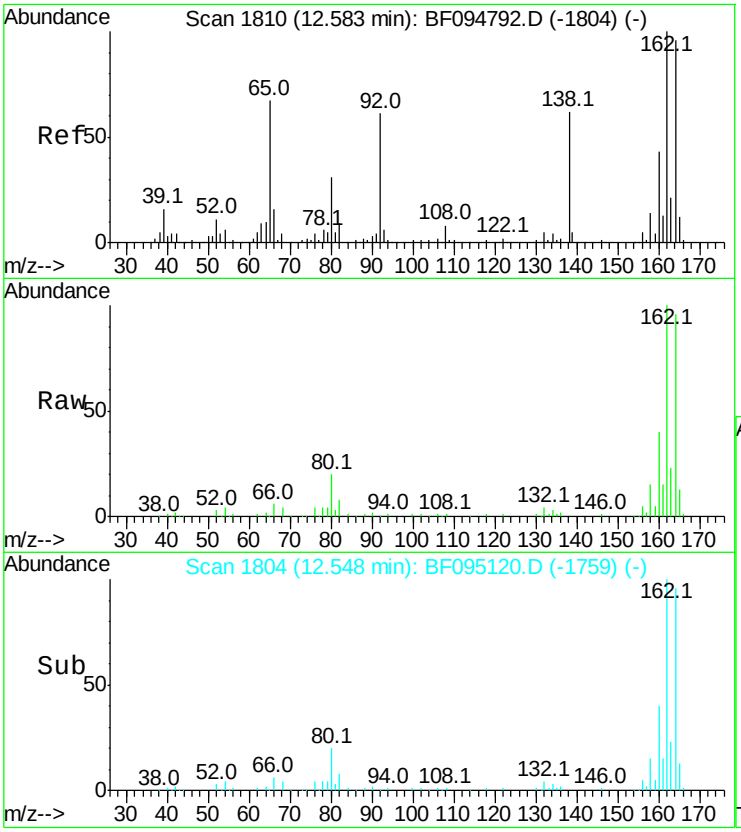


#32
Benzoic acid
Concen: 8.81 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion:122 Resp: 14981

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	44.9	73.7	113.7#



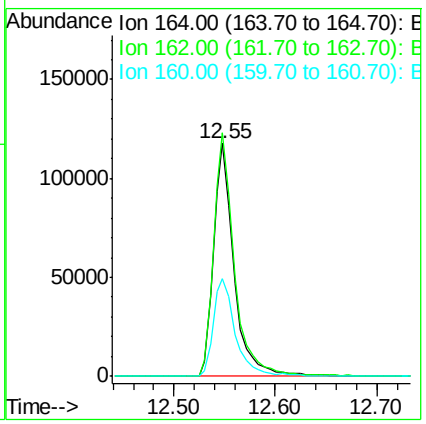


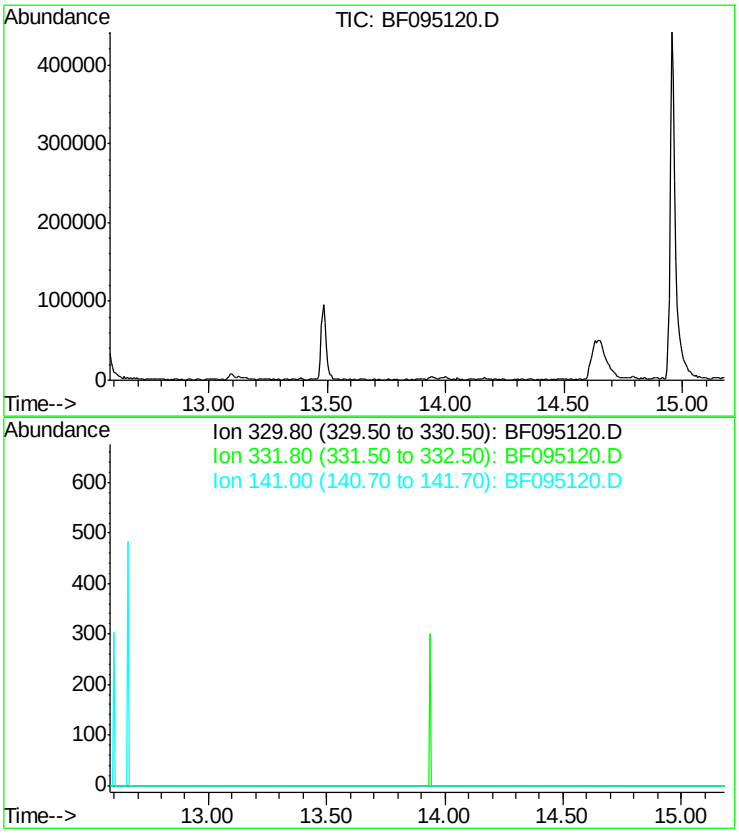
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 164836

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	42.1	36.2	54.2



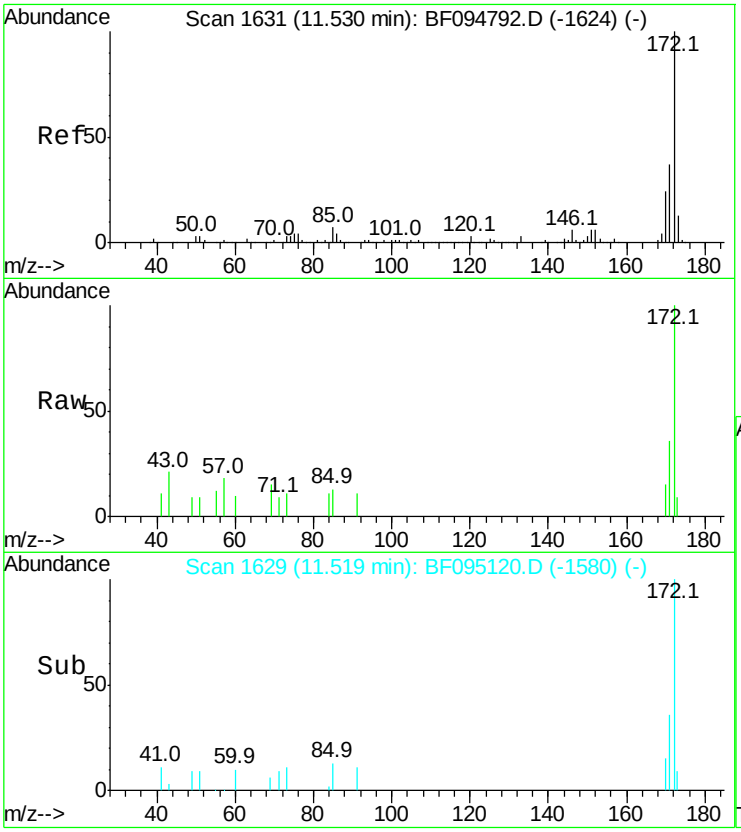


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 13.88 min

Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3

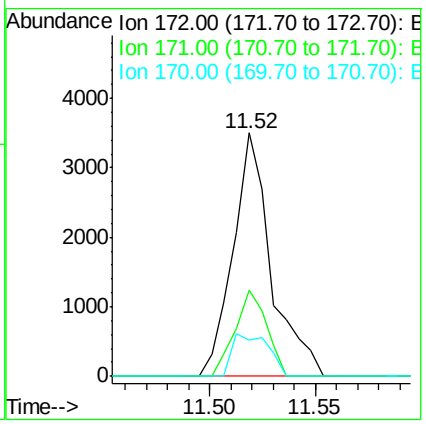


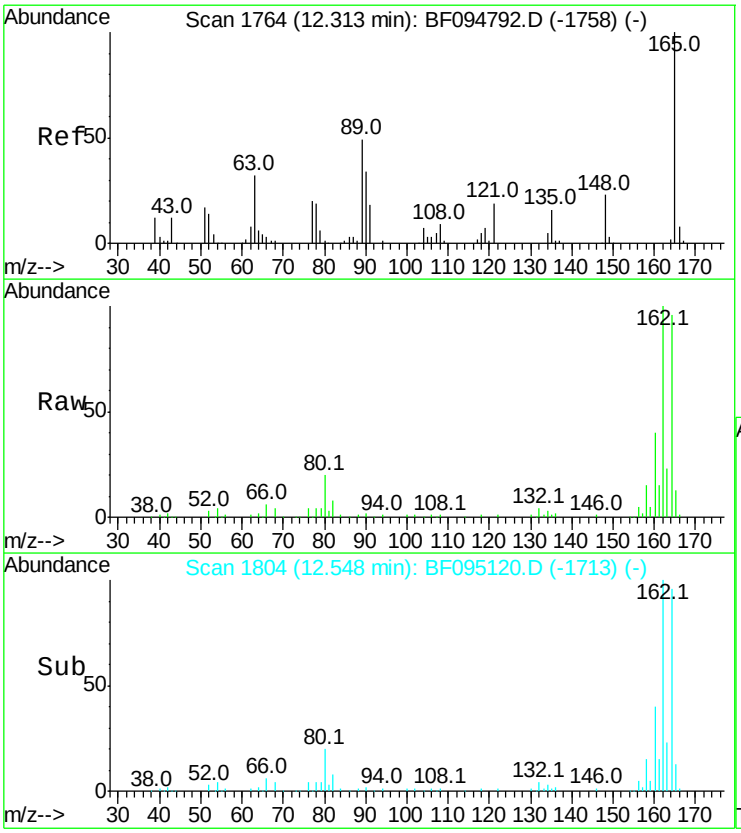
#44
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 4383

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	14.8	19.8	29.8#

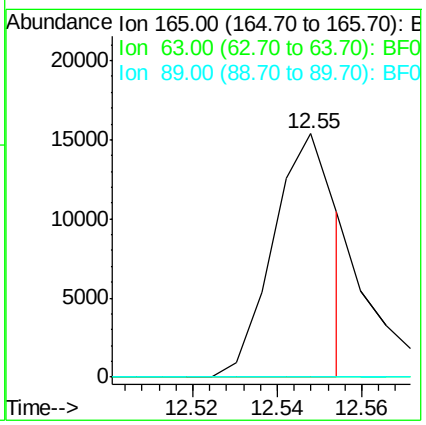


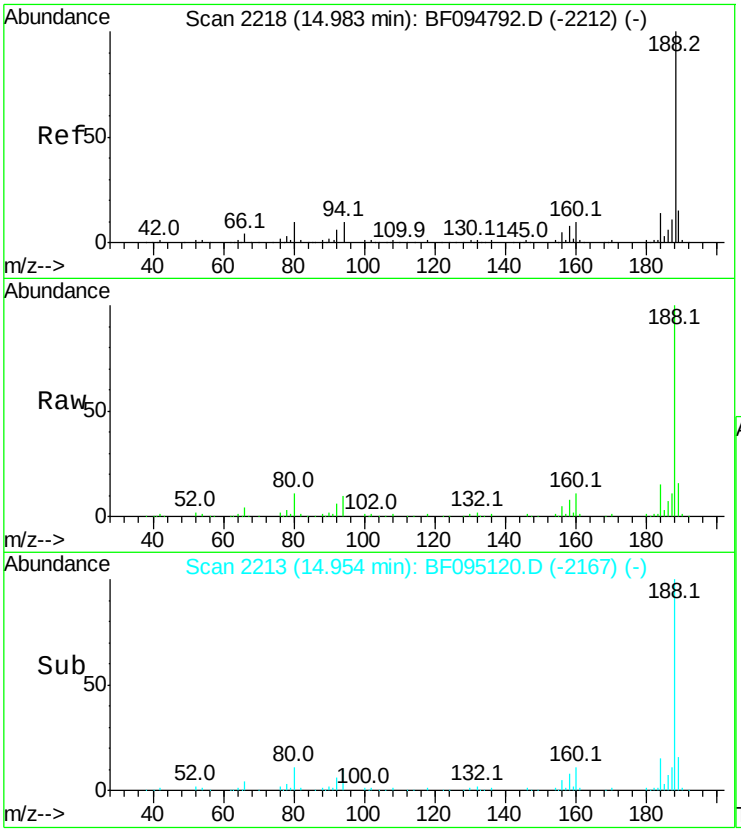


#50
2,6-Dinitrotoluene
Concen: 5.72 ng
RT: 12.55 min Scan# 1804
Delta R.T. 0.24 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion:165 Resp: 15779

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



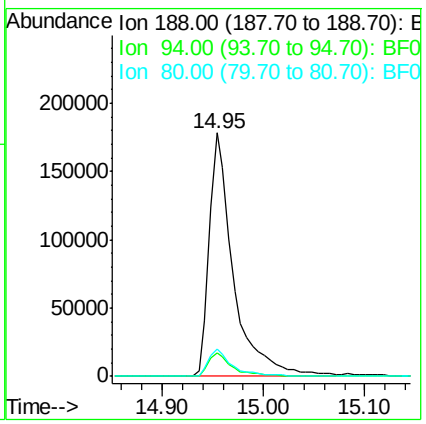


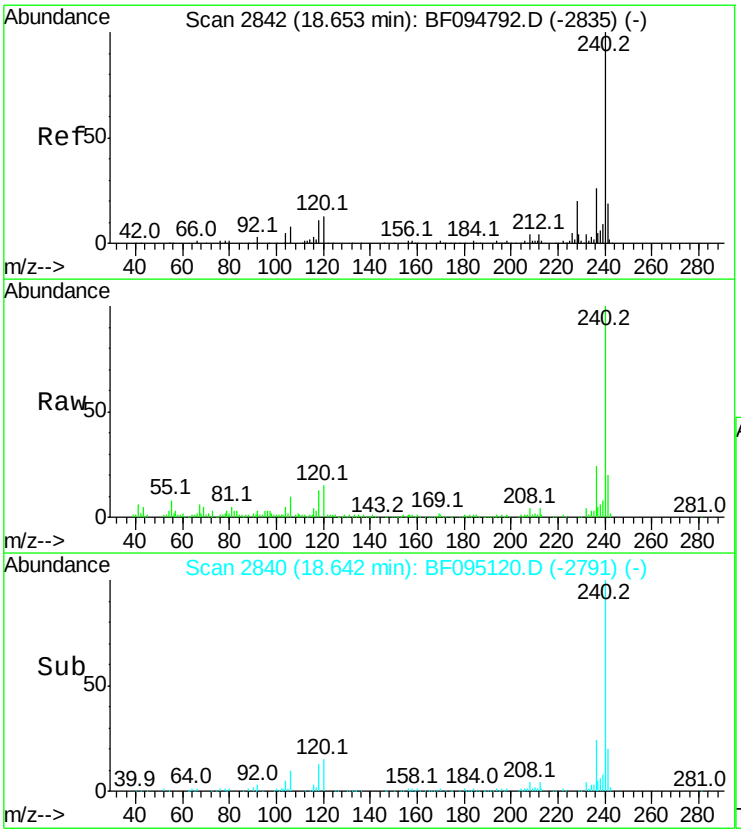
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 296210

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.1	10.2	15.2

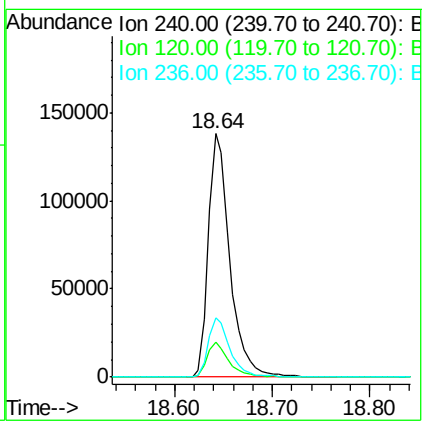


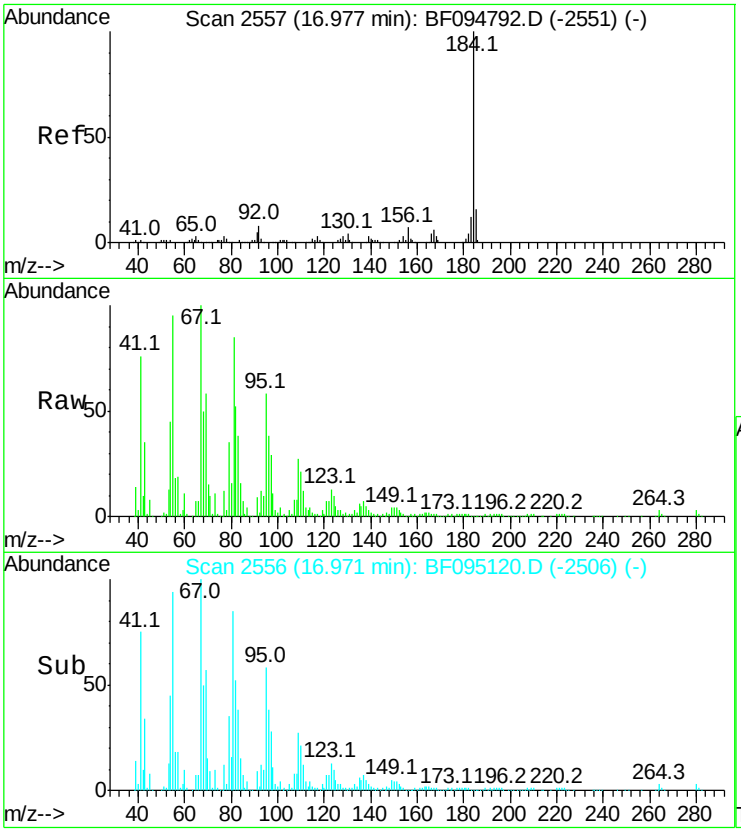


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion:240 Resp: 210674

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	24.3	20.5	30.7



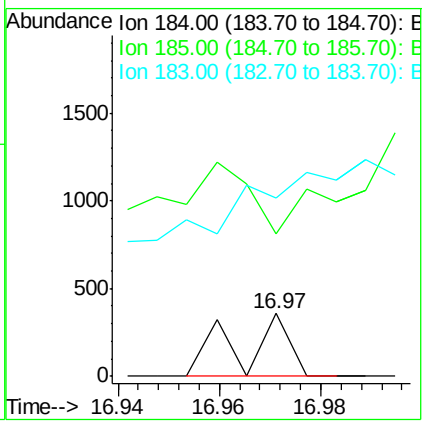


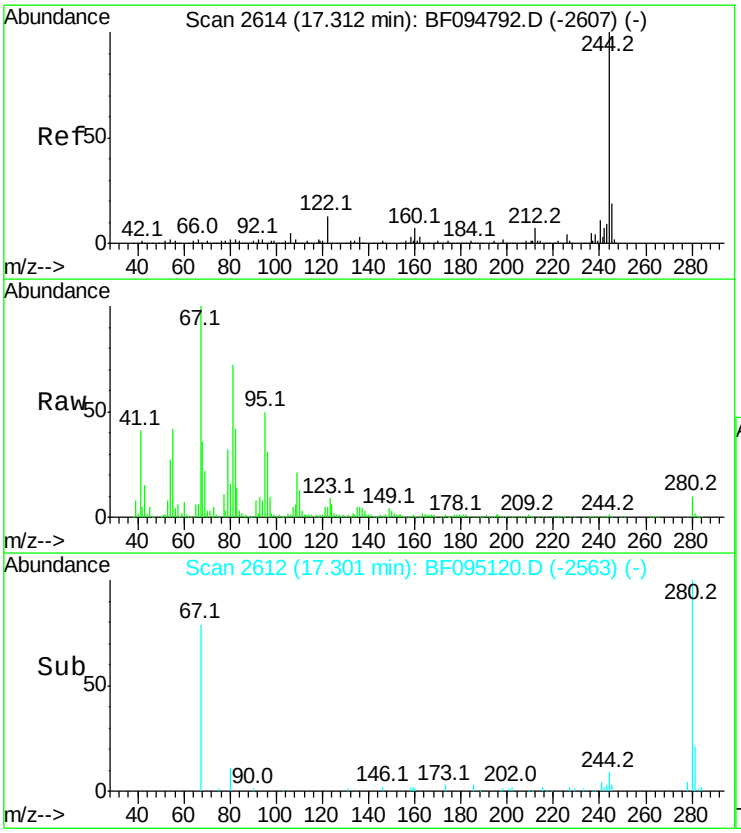
#76
Benzidine
Concen: 6.63 ng
RT: 16.97 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 240

Ion	Ratio	Lower	Upper
184	100		
185	226.3	15.5	23.3#
183	283.2	9.8	14.6#

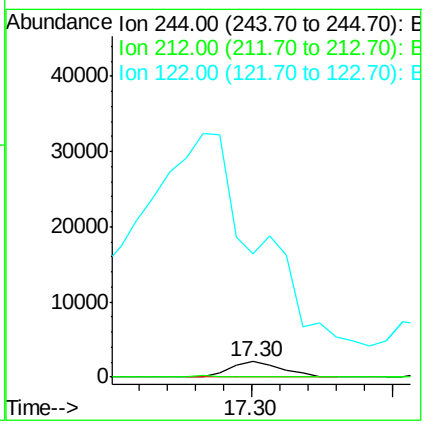


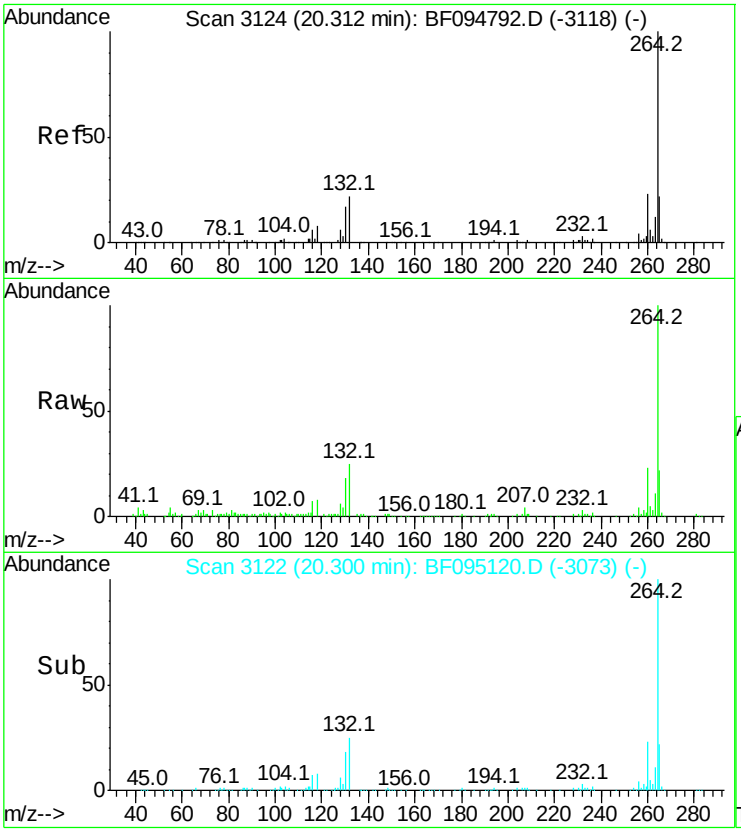


#78
Terphenyl-d14
Concen: 0.27 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF095120.D
Acq: 12 May 2017 19:35

Tgt Ion:244 Resp: 2600

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	786.2	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: BF095120.D
Acq: 12 May 2017 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 188864

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.0	17.2	25.8