Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051117\
Data File : BF095106.D
Acq On : 12 May 2017 8:35
Operator : SJ/MA
Sample : I3058-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 12 13:44:31 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	86313	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	353105	20.00	ng		-0.04
38) Acenaphthene-d10	12.55	164	148490	20.00	ng		-0.04
63) Phenanthrene-d10	14.96	188	275646	20.00	ng		-0.02
75) Chrysene-d12	18.65	240	183350	20.00	ng		0.00
86) Perylene-d12	20.31	264	176670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	1201	0.23	ng		0.06
7) Phenol-d6	7.45	99	1528	0.25	ng		0.18
23) Nitrobenzene-d5	8.56	82	327	0.06	ng		-0.08
41) 2,4,6-Tribromophenol	13.91	330	108	0.09	ng		0.03
44) 2-Fluorobiphenyl	11.51	172	5029	0.49	ng		-0.02
78) Terphenyl-d14	17.30	244	3339	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	31028	12.22	ng		86
14) 1,2-Dichlorobenzene	7.97	146	32256	5.10	ng		95
20) 3+4-Methylphenols	8.50	107	33373	5.09	ng	#	58
32) Benzoic acid	9.58	122	15607	9.23	ng	#	16
50) 2,6-Dinitrotoluene	12.55	165	13735	5.52	ng	#	33
76) Benzidine	16.98	184	848	6.74	ng	#	1
79) Butylbenzylphthalate	17.97	149	21133	3.31	ng	#	88
83) Bis(2-ethylhexyl)phthalate	18.70	149	18720	2.06	ng		100

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

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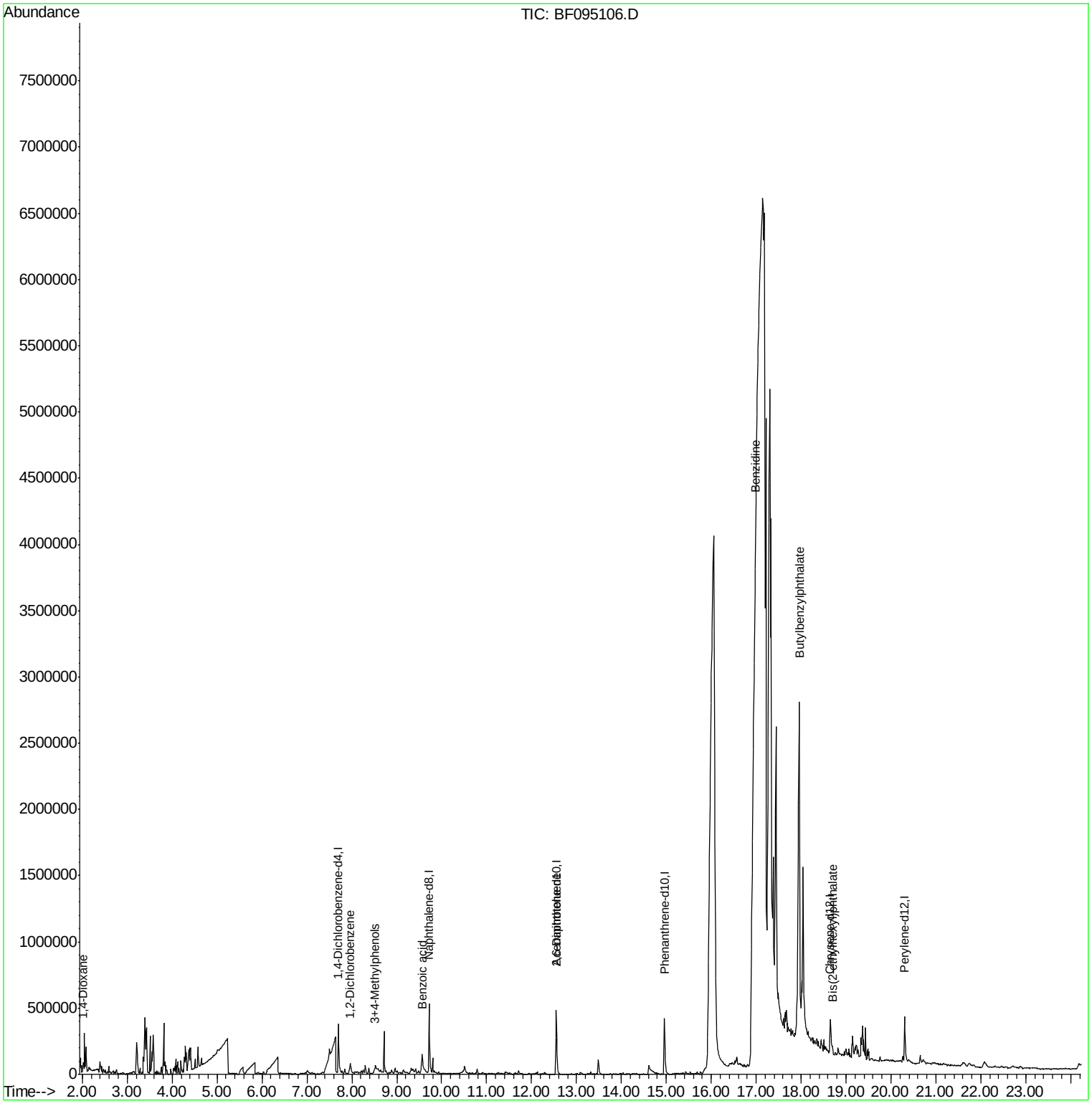
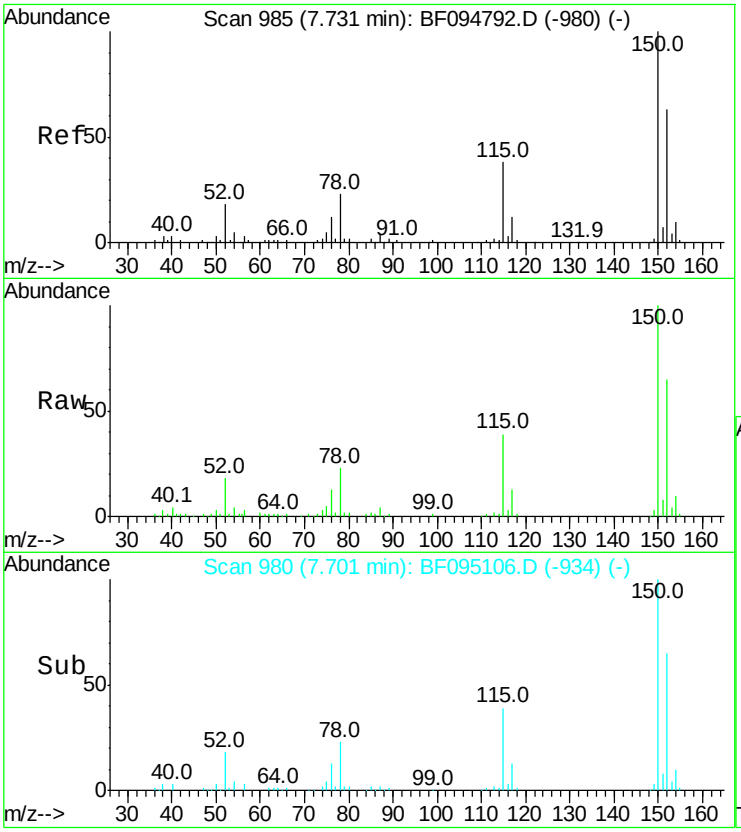
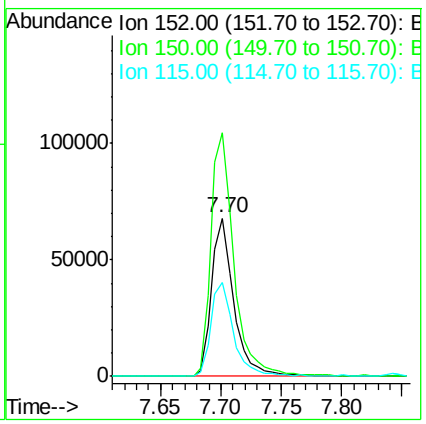




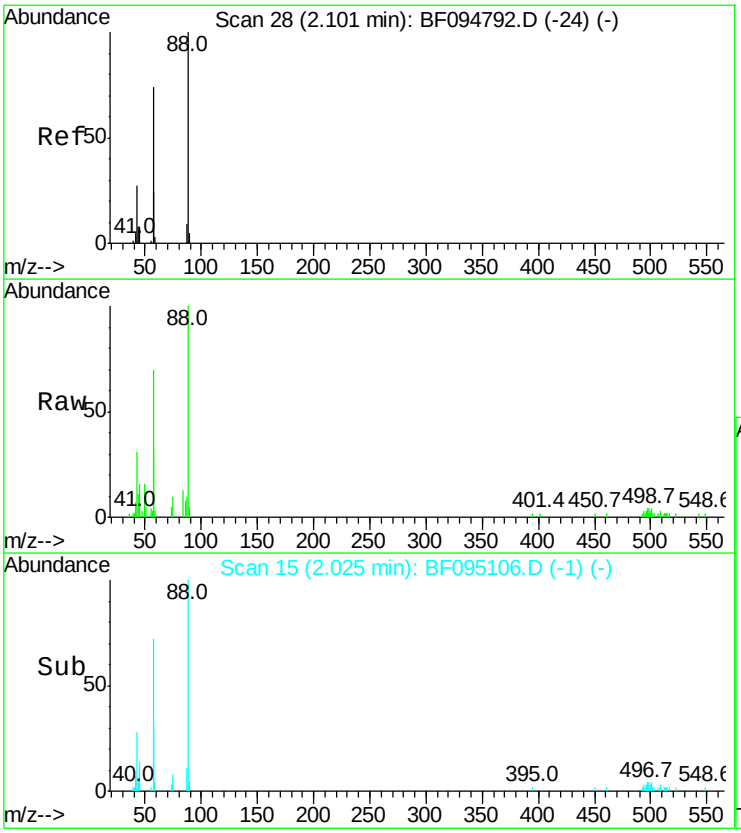
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:152 Resp: 86313

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	59.4	52.2	78.2



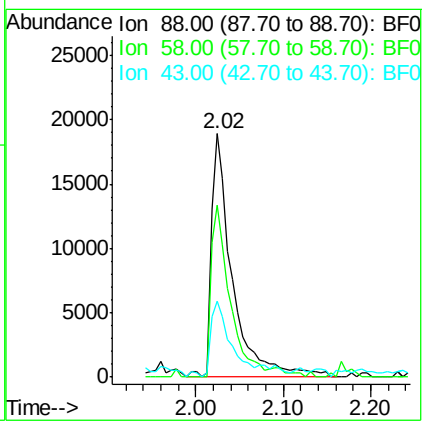
Instrument :
BNA_F
ClientSampleId :

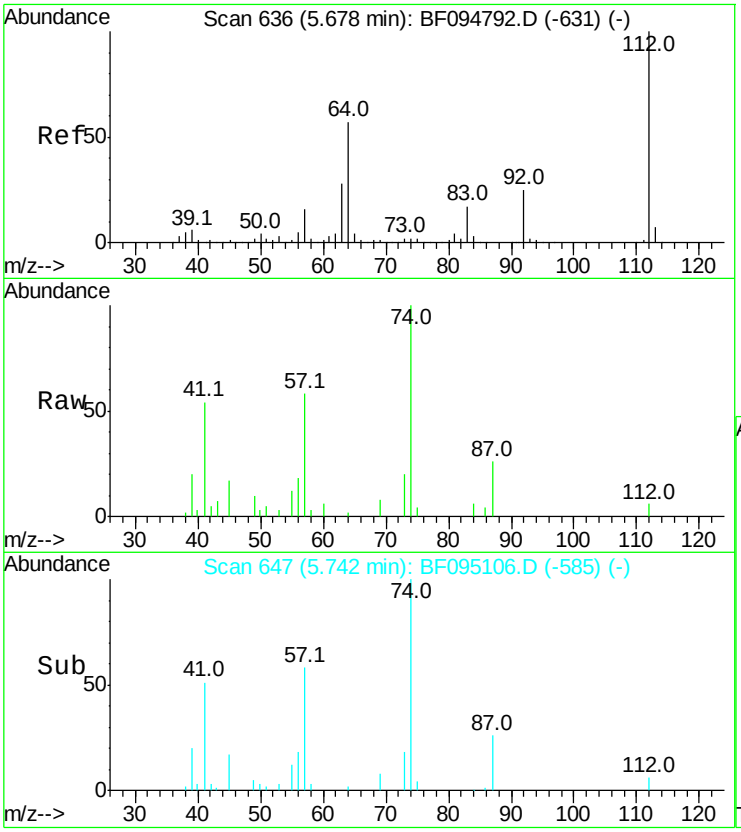


#2
1,4-Dioxane
Concen: 12.22 ng
RT: 2.02 min Scan# 15
Delta R.T. -0.08 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion: 88 Resp: 31028

Ion	Ratio	Lower	Upper
88	100		
58	63.7	61.4	92.0
43	34.6	23.4	35.0



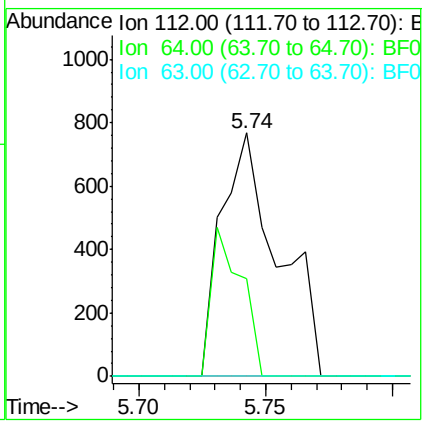


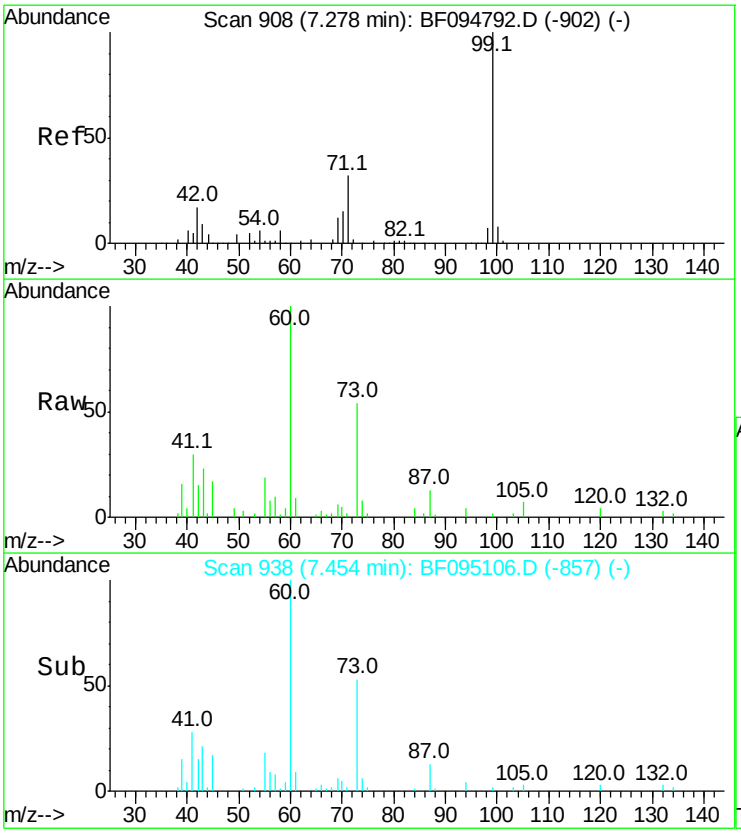
#5
2-Fluorophenol
Concen: 0.23 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1201

Ion	Ratio	Lower	Upper
112	100		
64	40.2	46.0	69.0#
63	0.0	23.4	35.0#

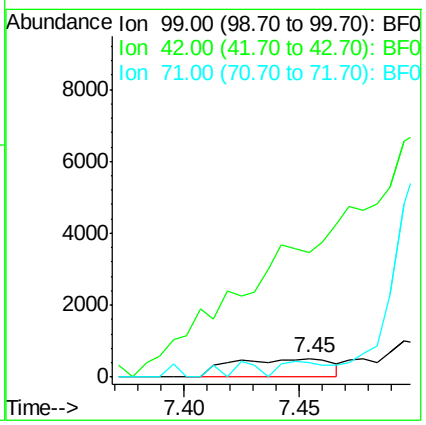


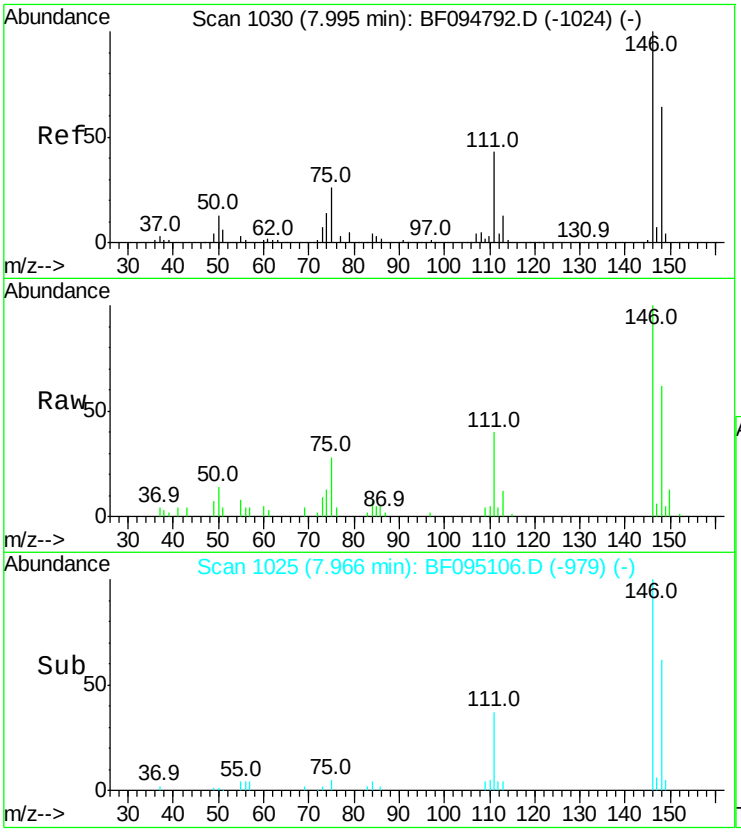


#7
Phenol-d6
Concen: 0.25 ng
RT: 7.45 min Scan# 938
Delta R.T. 0.18 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion: 99 Resp: 1528

Ion	Ratio	Lower	Upper
99	100		
42	664.9	13.5	20.3#
71	79.5	24.5	36.7#



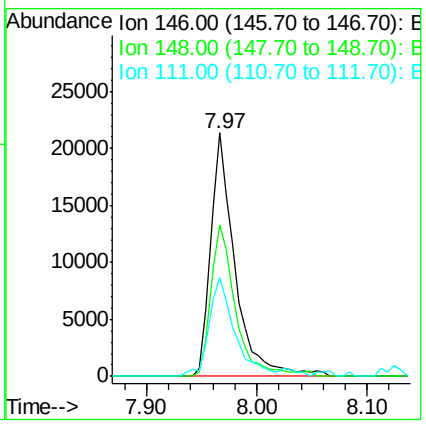


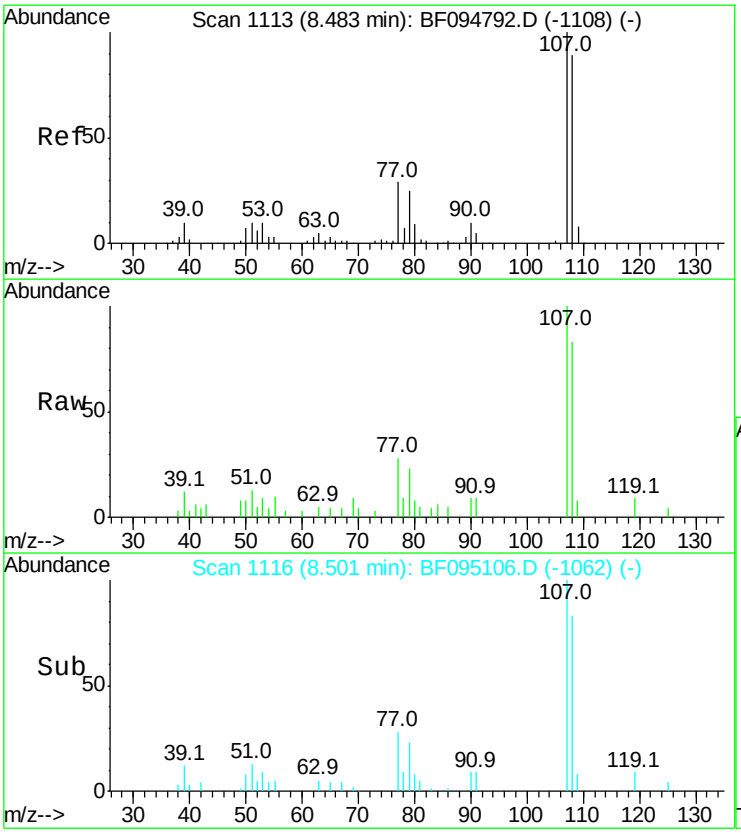
#14
1,2-Dichlorobenzene
Concen: 5.10 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 32256

Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	40.5	38.2	57.4

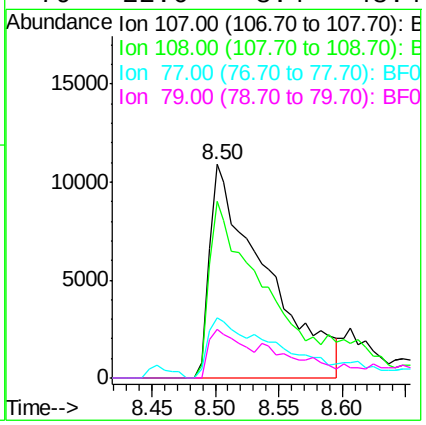


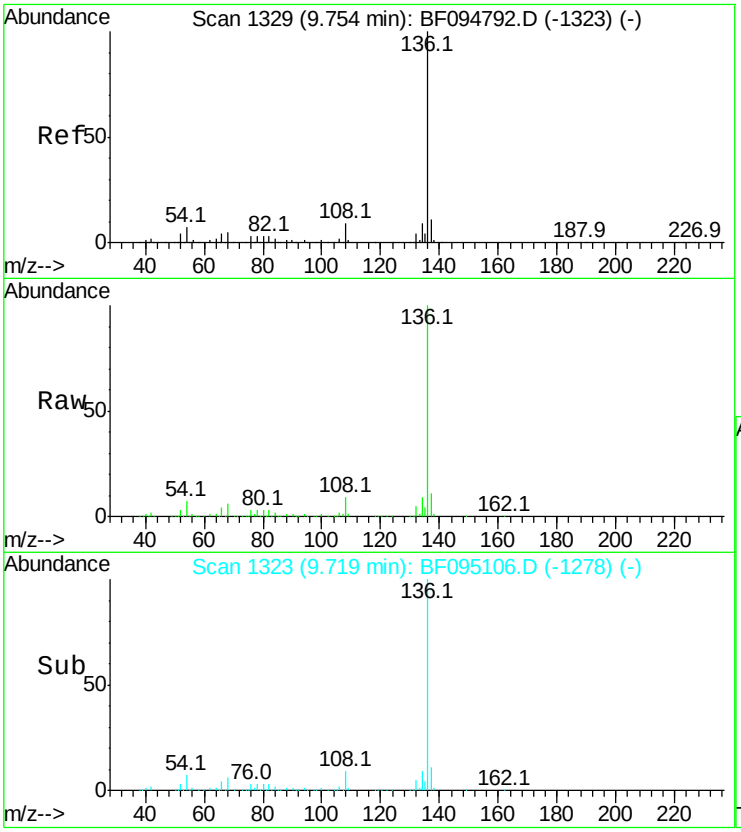


#20
3+4-Methylphenols
Concen: 5.09 ng
RT: 8.50 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:107 Resp: 33373

Ion	Ratio	Lower	Upper
107	100		
108	82.5	71.0	111.0
77	28.1	90.5	130.5#
79	22.6	8.4	48.4

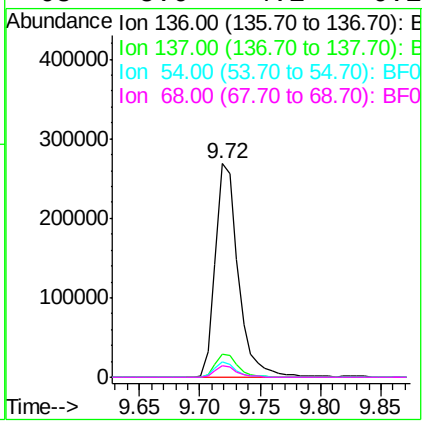




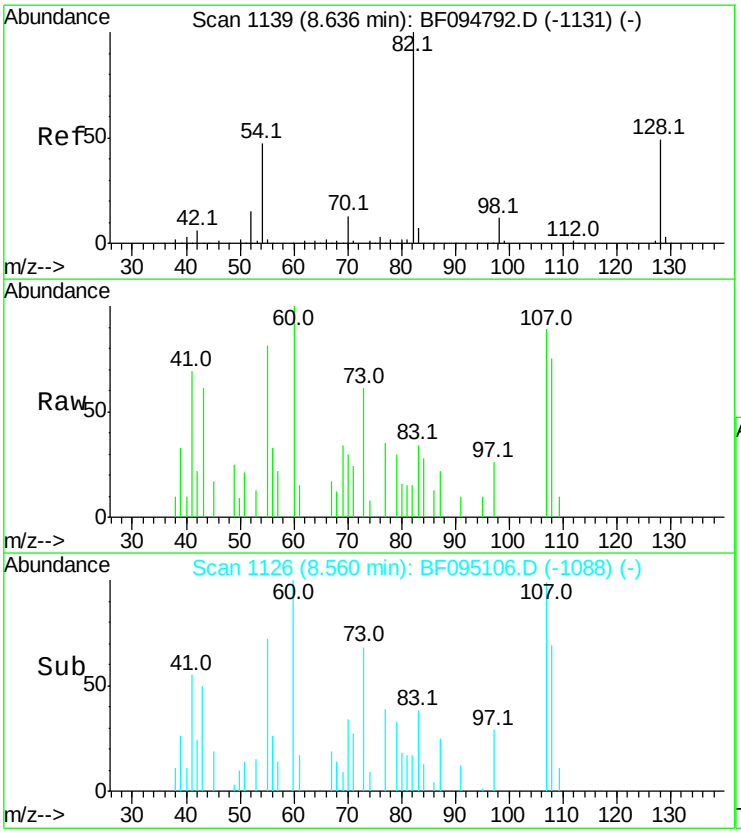
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:136 Resp: 353105

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.6	4.1	6.1



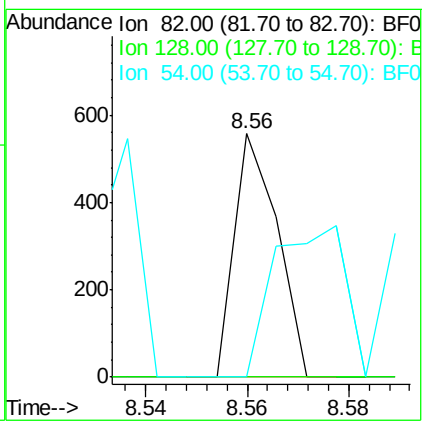
Instrument :
BNA_F
ClientSampleId :

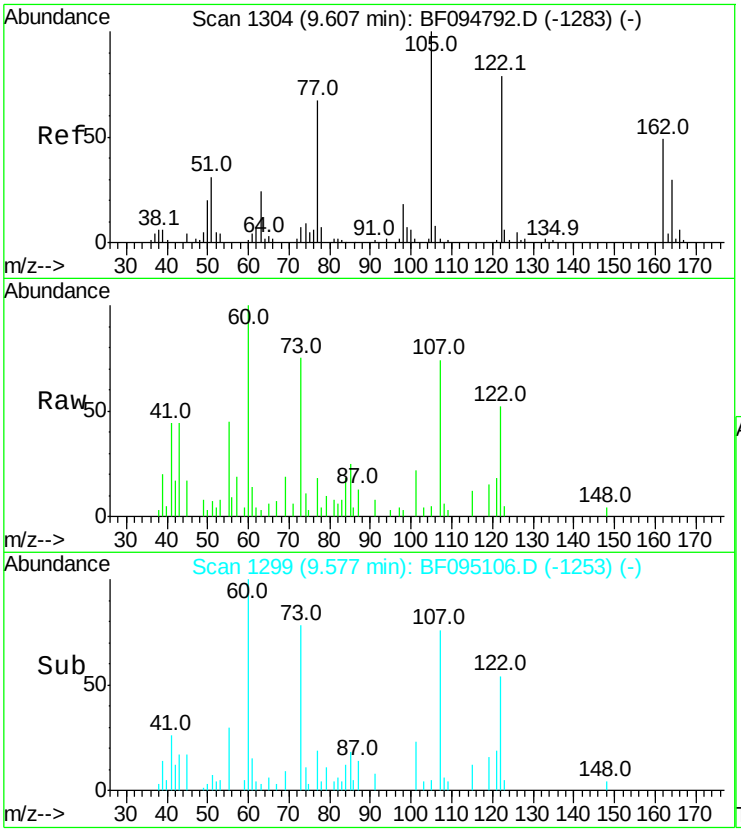


#23
Nitrobenzene-d5
Concen: 0.06 ng
RT: 8.56 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion: 82 Resp: 327

Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.0	51.0#
54	0.0	42.2	63.2#



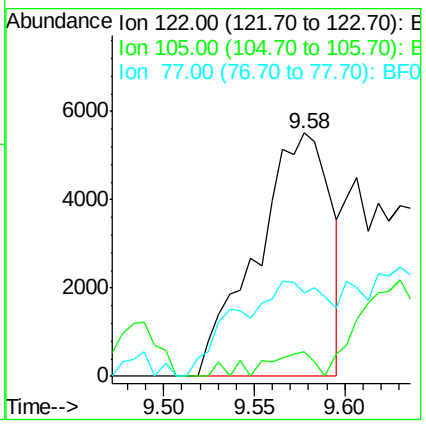


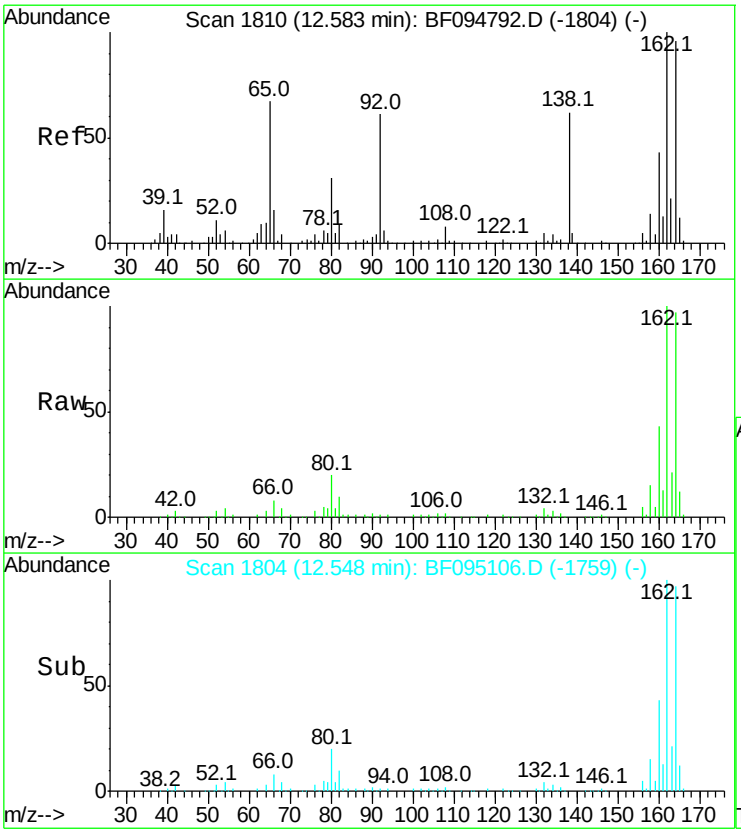
#32
Benzoic acid
Concen: 9.23 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 15607

Ion	Ratio	Lower	Upper
122	100		
105	9.9	103.3	143.3#
77	34.2	73.7	113.7#

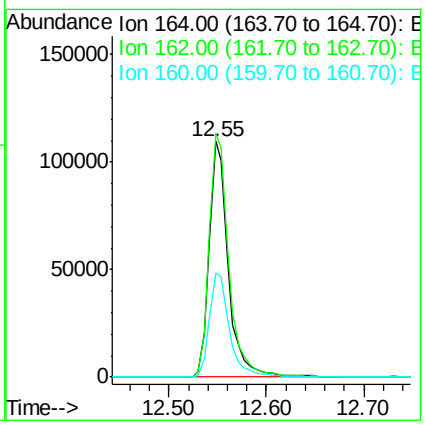


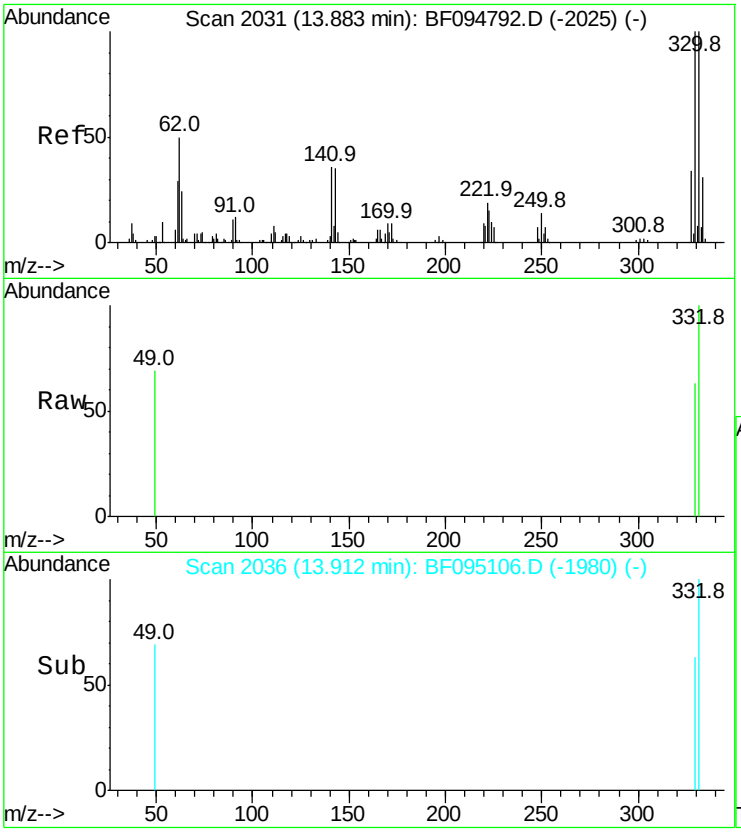


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:164 Resp: 148490

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	44.1	36.2	54.2



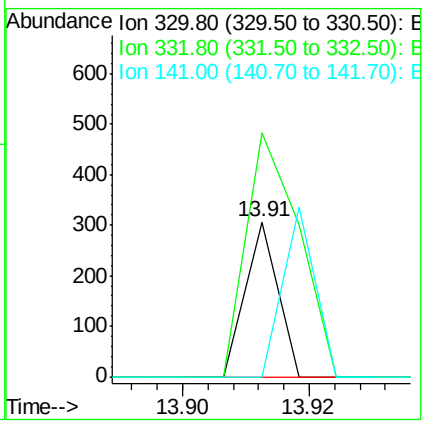


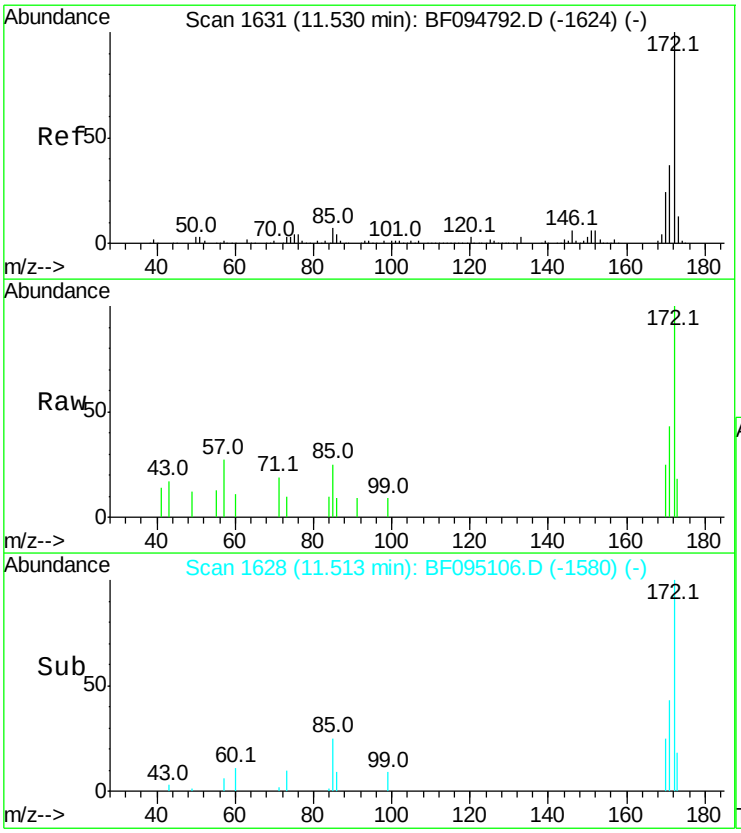
#41
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 13.91 min Scan# 2036
Delta R.T. 0.03 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 108

Ion	Ratio	Lower	Upper
330	100		
332	256.5	76.6	115.0#
141	110.2	31.4	47.2#

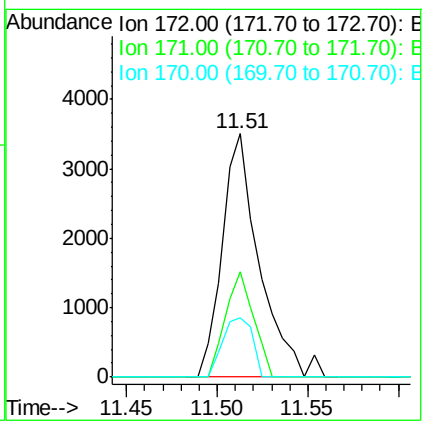


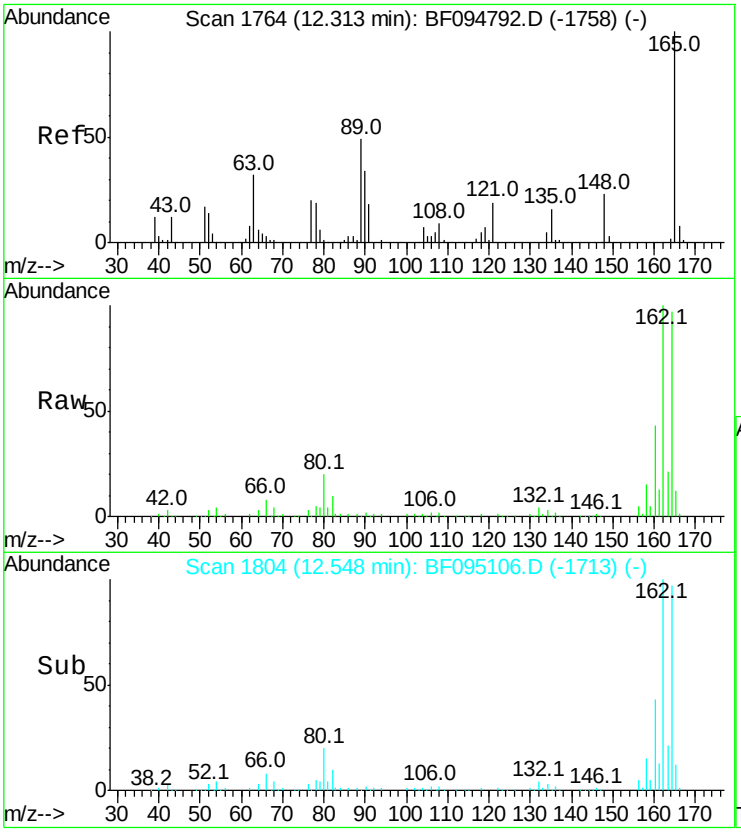


#44
2-Fluorobiphenyl
Concen: 0.49 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:172 Resp: 5029

Ion	Ratio	Lower	Upper
172	100		
171	43.1	29.6	44.4
170	24.6	19.8	29.8



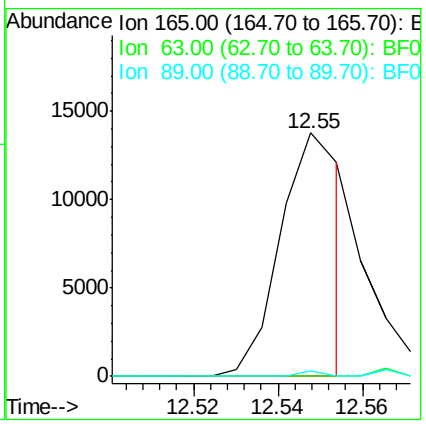


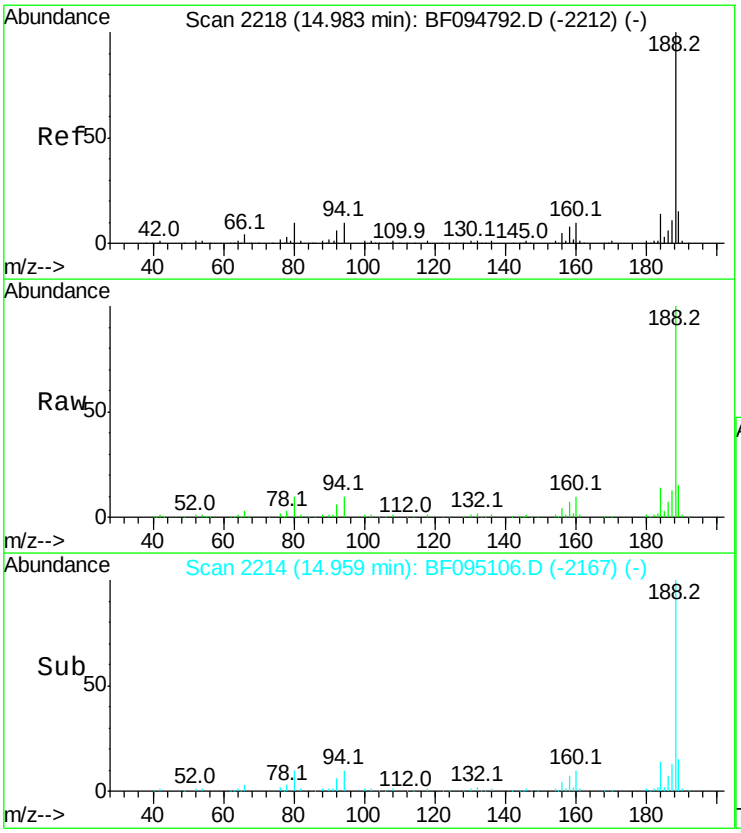
#50
2,6-Dinitrotoluene
Concen: 5.52 ng
RT: 12.55 min Scan# 1804
Delta R.T. 0.24 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13735

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.3	37.1	55.7#

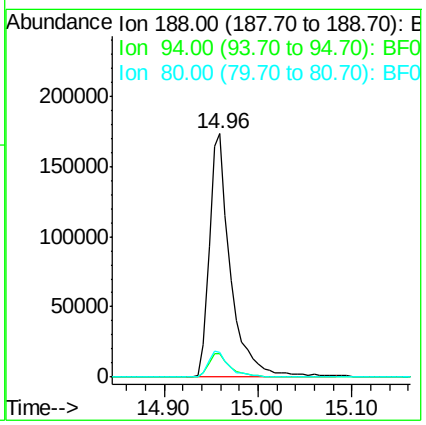


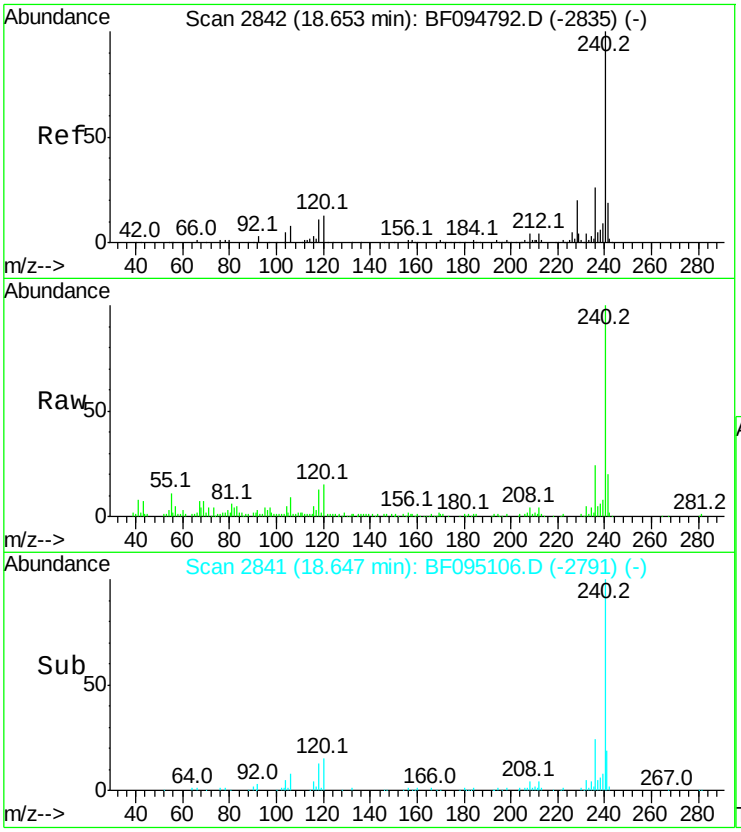


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:188 Resp: 275646

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	9.9	10.2	15.2#



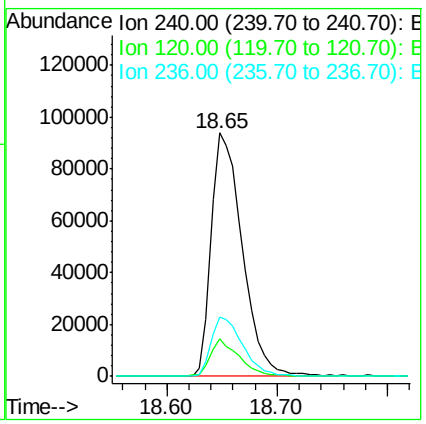


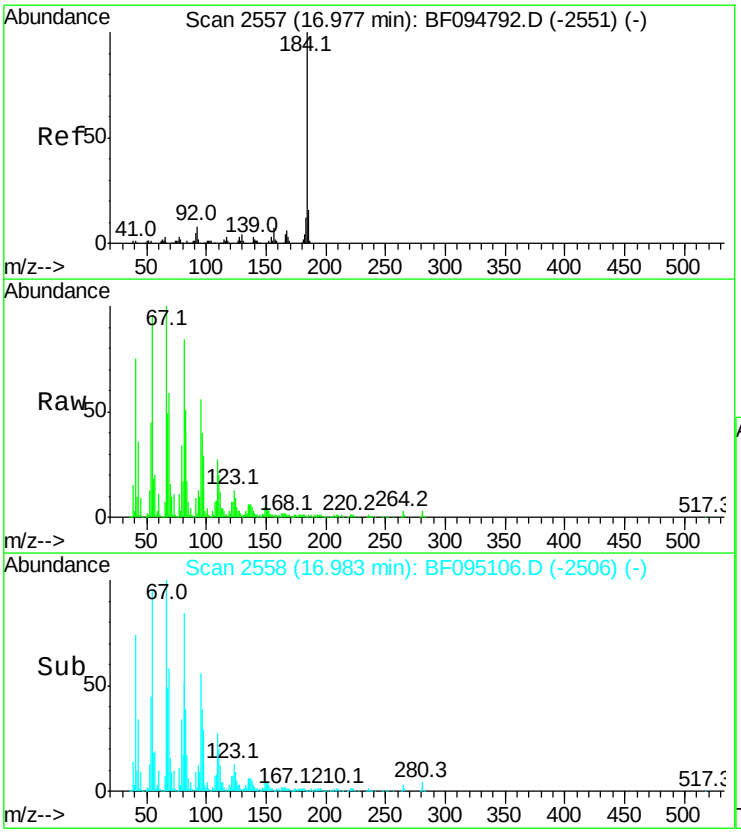
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 183350

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.4	20.5	30.7

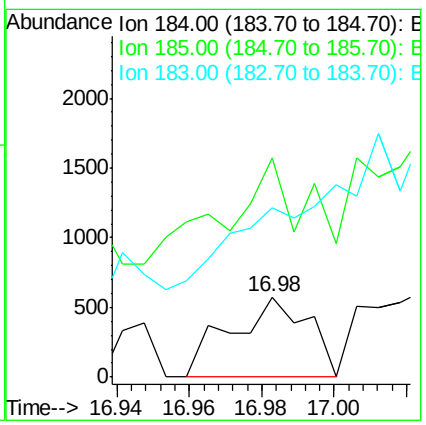


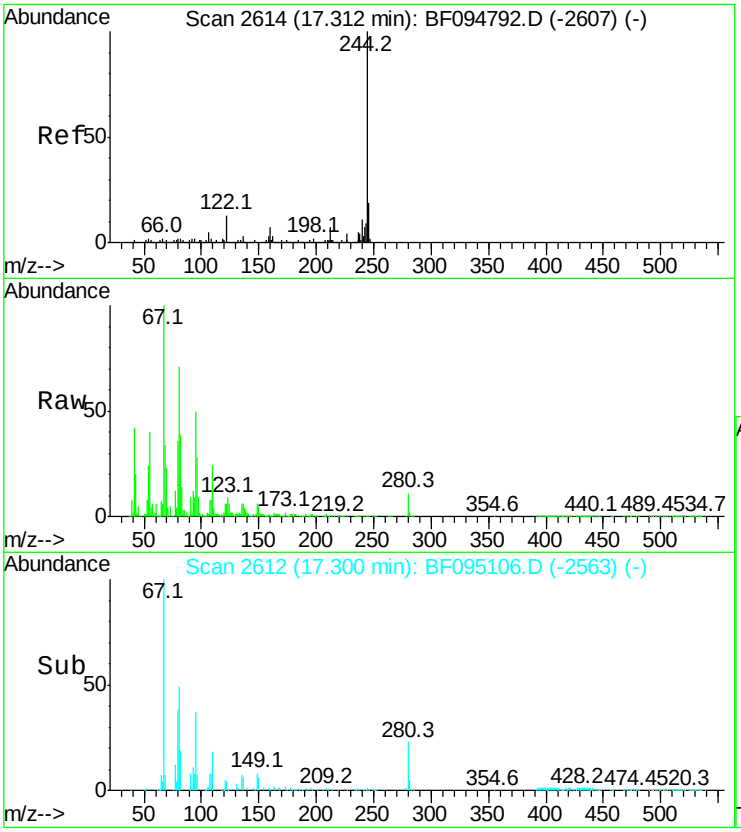


#76
Benzidine
Concen: 6.74 ng
RT: 16.98 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:184 Resp: 848

Ion	Ratio	Lower	Upper
184	100		
185	272.7	15.5	23.3#
183	211.3	9.8	14.6#



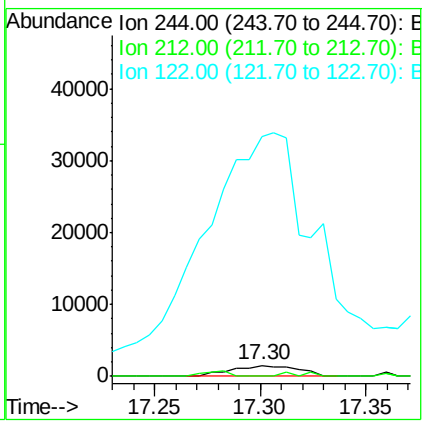


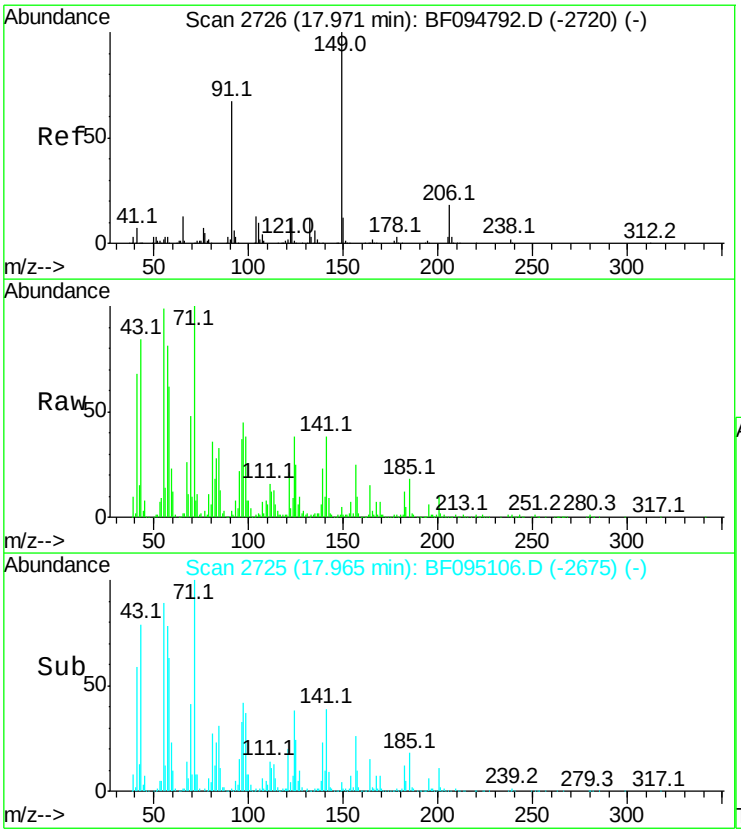
#78
Terphenyl-d14
Concen: 0.40 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3339

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	2187.0	10.3	15.5#

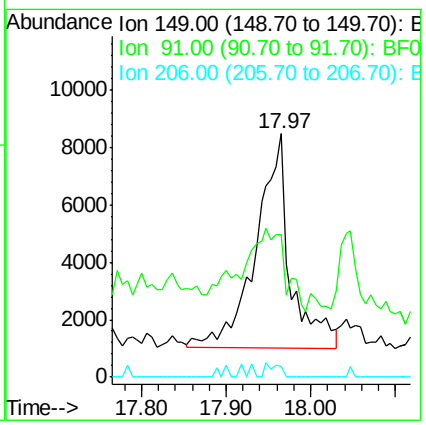


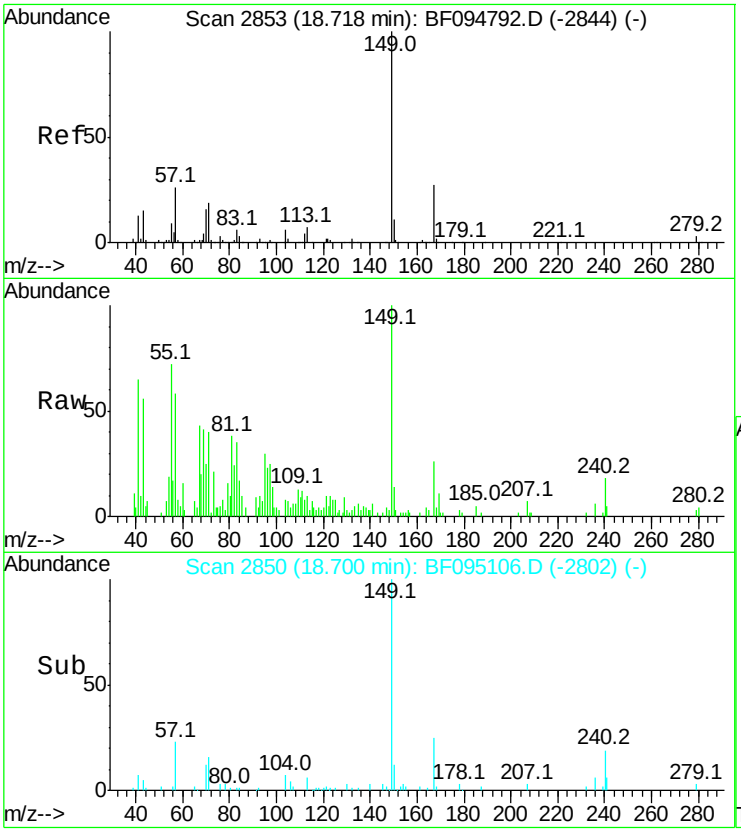


#79
Butylbenzylphthalate
Concen: 3.31 ng
RT: 17.97 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:149 Resp: 21133

Ion	Ratio	Lower	Upper
149	100		
91	58.3	45.0	67.4
206	4.4	17.0	25.6#



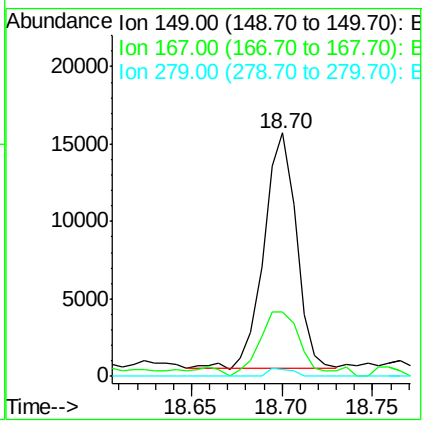


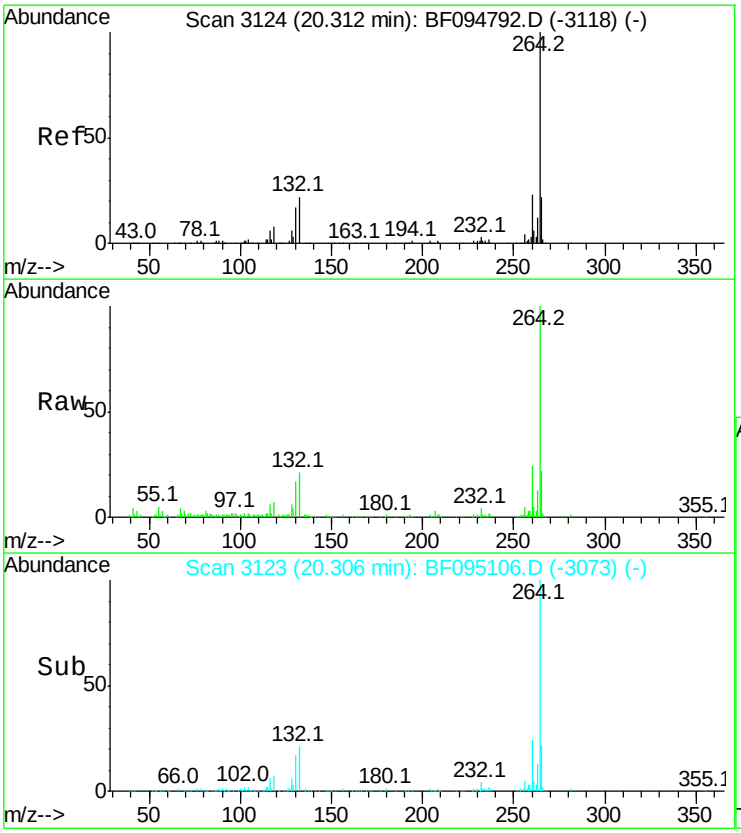
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.06 ng
RT: 18.70 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 18720

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.5	1.9	2.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion:264 Resp: 176670

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	17.2	25.8