Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095121.D
Acq On : 12 May 2017 20:07
Operator : SJ/MA
Sample : I3124-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 13 00:55:27 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	86081	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	372078	20.00	ng		-0.04
38) Acenaphthene-d10	12.55	164	155727	20.00	ng		-0.03
63) Phenanthrene-d10	14.98	188	216561	20.00	ng		0.00
75) Chrysene-d12	18.64	240	204071	20.00	ng		-0.02
86) Perylene-d12	20.30	264	170867	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	3491	0.68	ng		0.16
7) Phenol-d6	7.44	99	4577	0.74	ng		0.16
23) Nitrobenzene-d5	8.71	82	7045	1.19	ng		0.08
41) 2,4,6-Tribromophenol	13.91	330	1096	0.86	ng		0.02
44) 2-Fluorobiphenyl	11.50	172	24863	2.30	ng		-0.03
78) Terphenyl-d14	17.30	244	17638	1.90	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	9.75	128	208134	11.13	ng		98
32) Benzoic acid	9.75	122	128	5.11	ng	#	1
33) 4-Chloroaniline	9.75	127	26290	3.77	ng	#	39
37) 2-Methylnaphthalene	10.88	142	410455	33.44	ng		98
50) 2,6-Dinitrotoluene	12.25	165	5806	2.23	ng	#	41
53) 2,4-Dinitrophenol	12.95	184	533	6.59	ng	#	1
69) Pentachlorophenol	14.72	266	638	6.42	ng	#	1
76) Benzidine	16.98	184	182	6.62	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 12 May 2017 20:07
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Misc :
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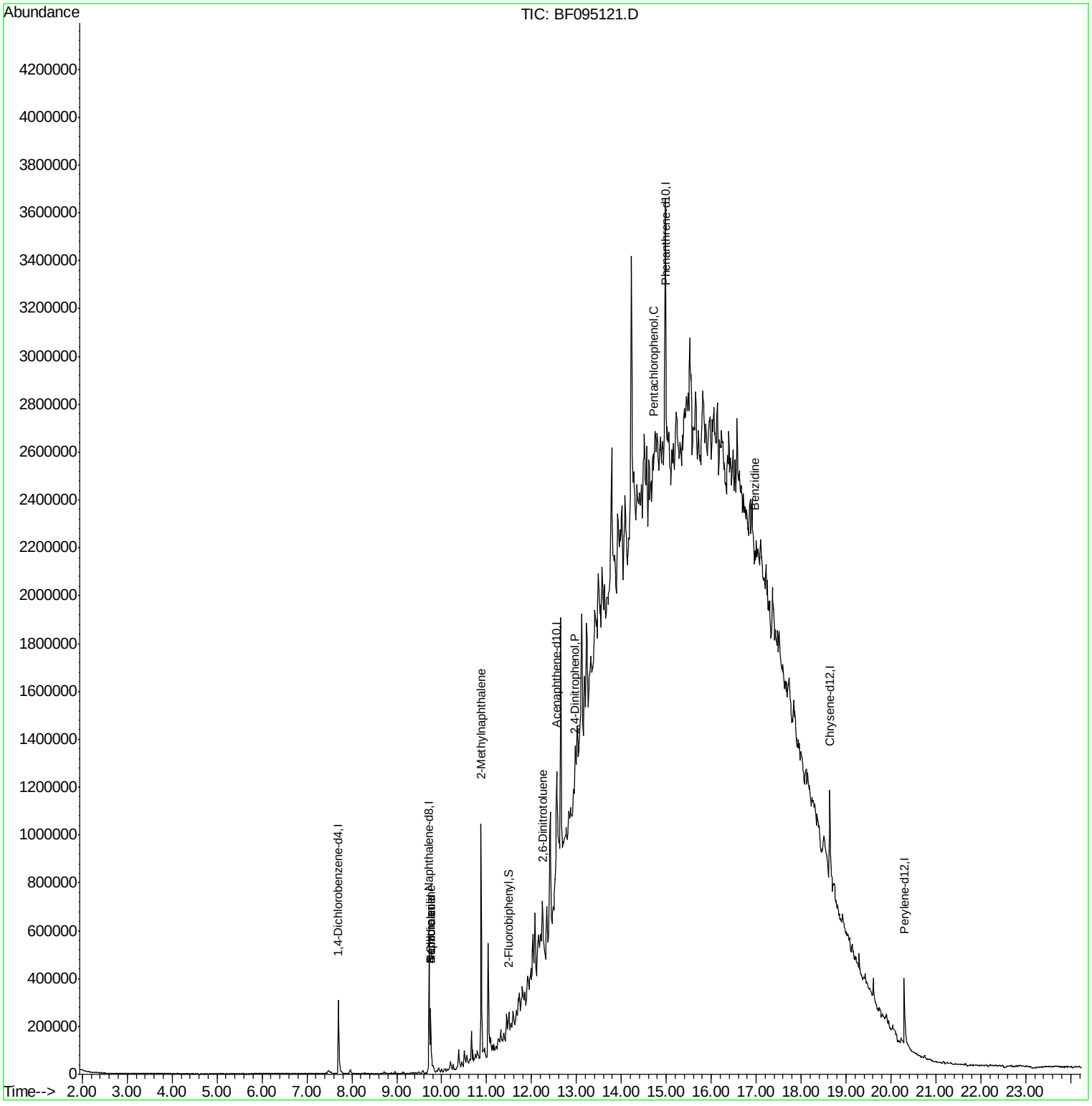
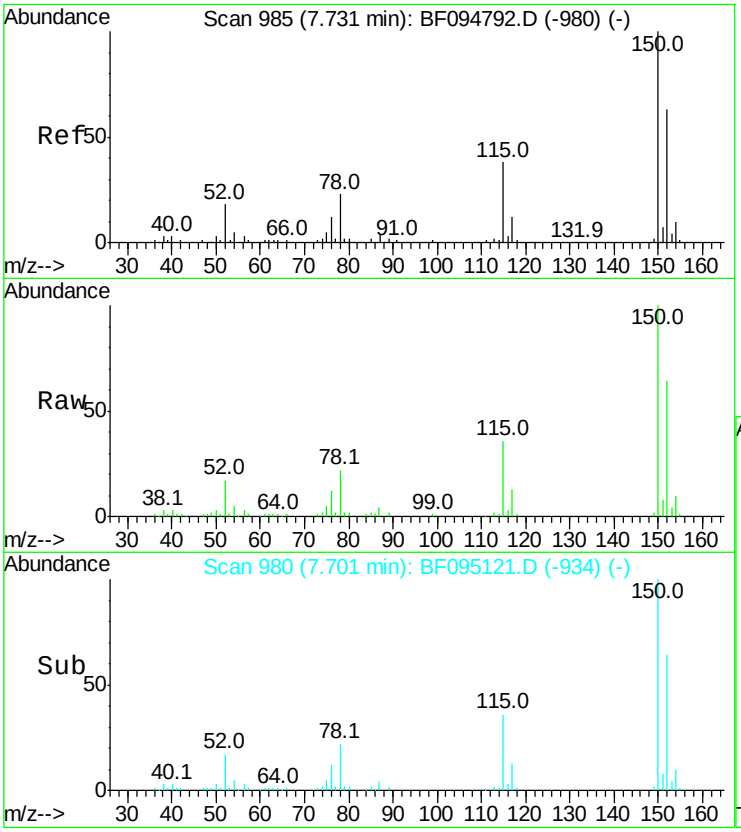


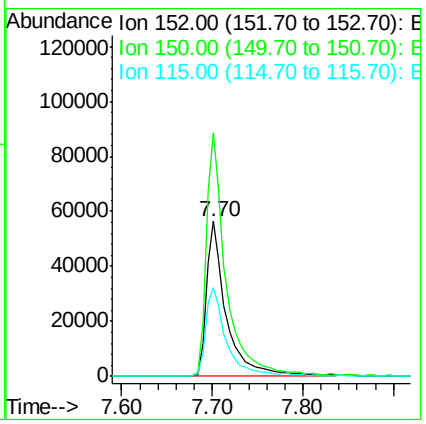


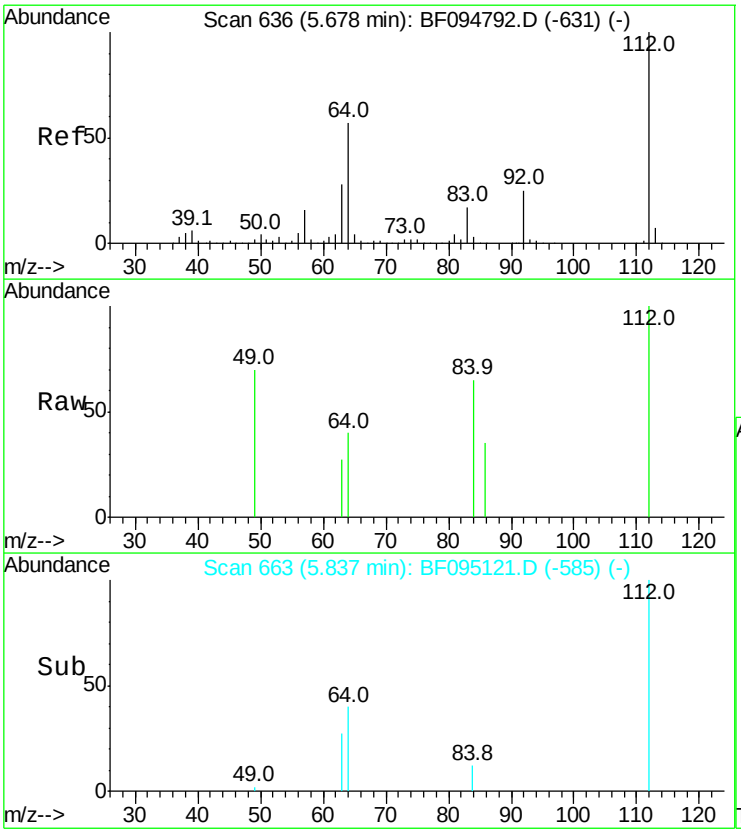
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86081

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	57.1	52.2	78.2

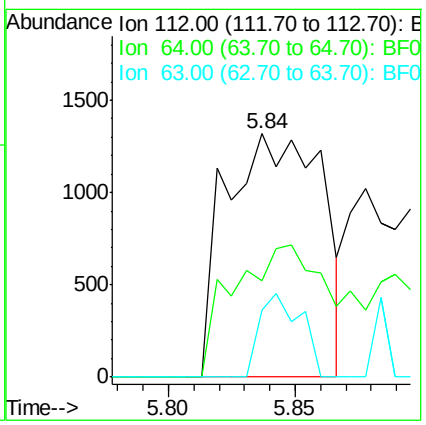


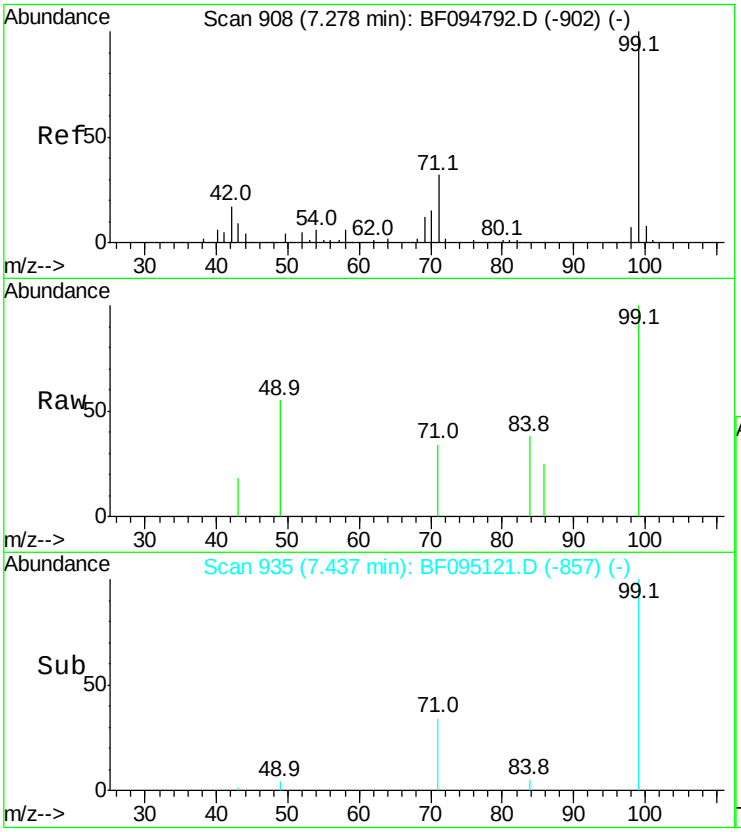


#5
2-Fluorophenol
Concen: 0.68 ng
RT: 5.84 min Scan# 663
Delta R.T. 0.16 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:112 Resp: 3491

Ion	Ratio	Lower	Upper
112	100		
64	39.7	46.0	69.0#
63	27.3	23.4	35.0



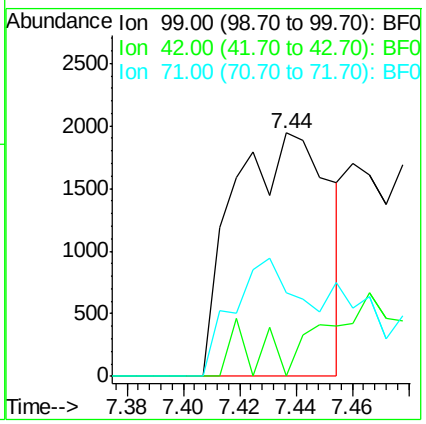


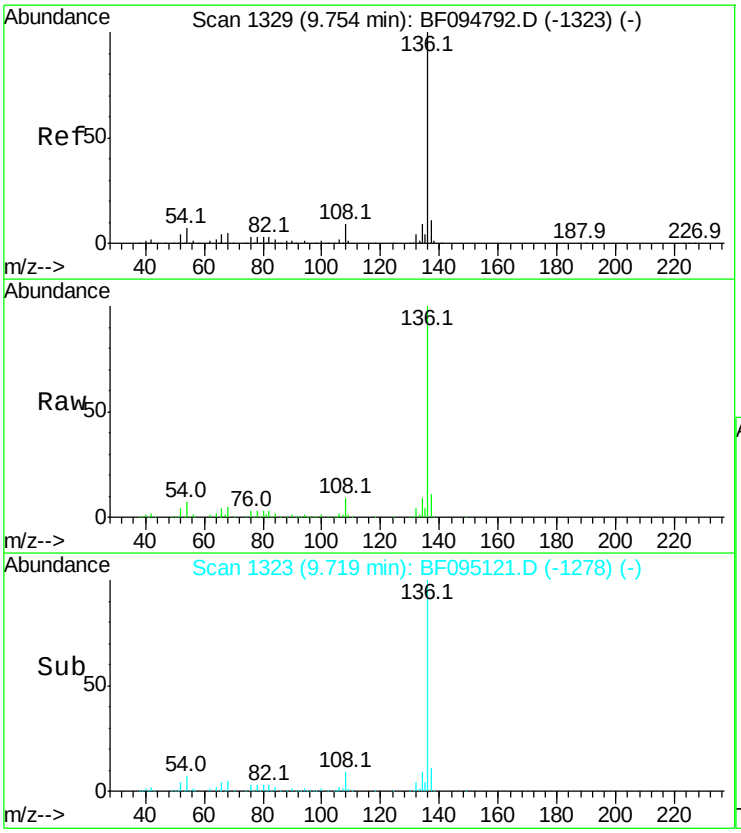
#7
Phenol-d6
Concen: 0.74 ng
RT: 7.44 min Scan# 935
Delta R.T. 0.16 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 4577

Ion	Ratio	Lower	Upper
99	100		
42	0.0	13.5	20.3#
71	34.4	24.5	36.7

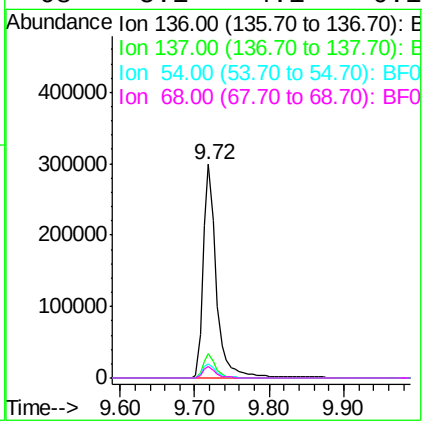


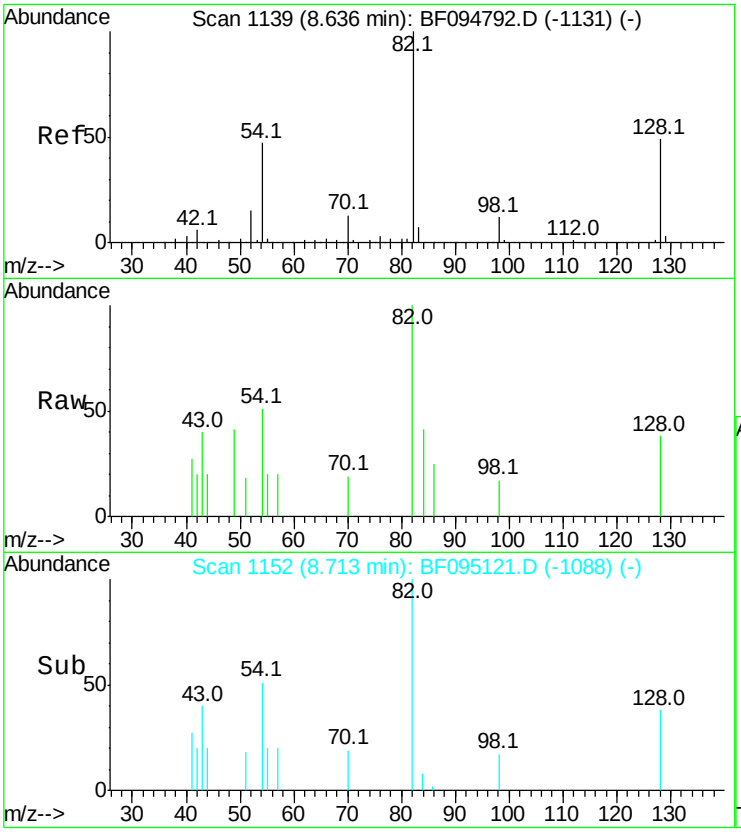


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:136 Resp: 372078

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.7	4.9	7.3
68	5.1	4.1	6.1



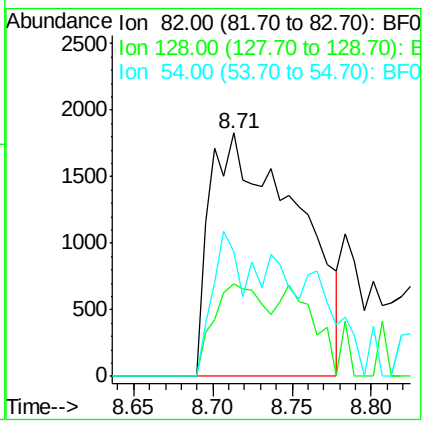


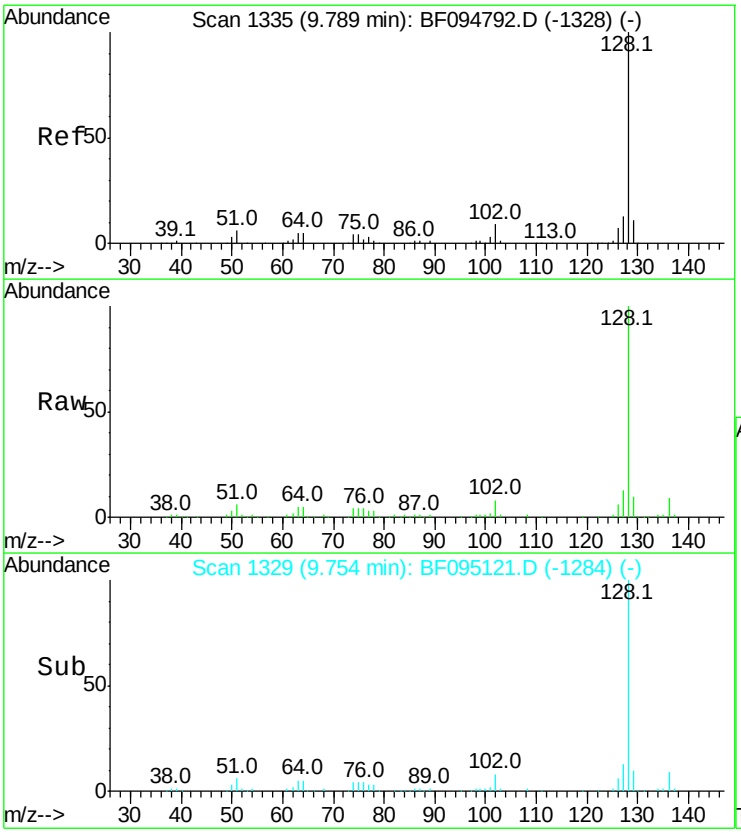
#23
Nitrobenzene-d5
Concen: 1.19 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.08 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 7045

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.0	51.0
54	51.0	42.2	63.2

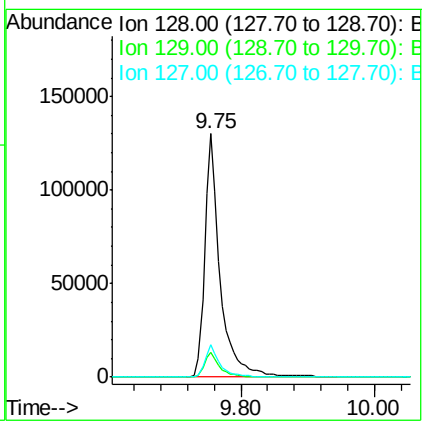


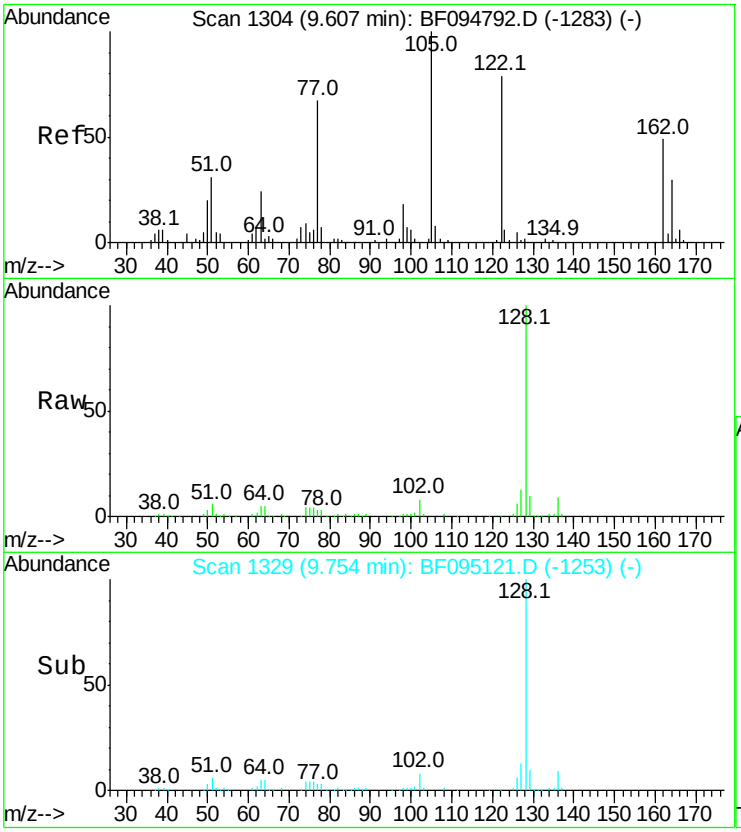


#31
Naphthalene
Concen: 11.13 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:128 Resp: 208134

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	13.3	10.8	16.2



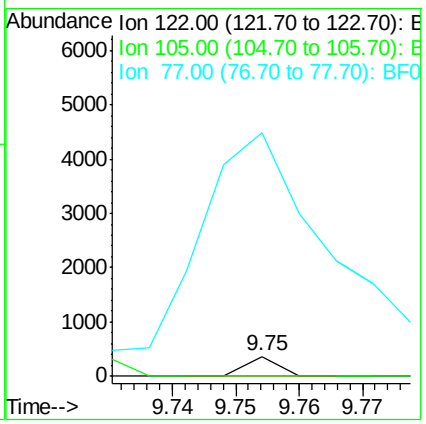


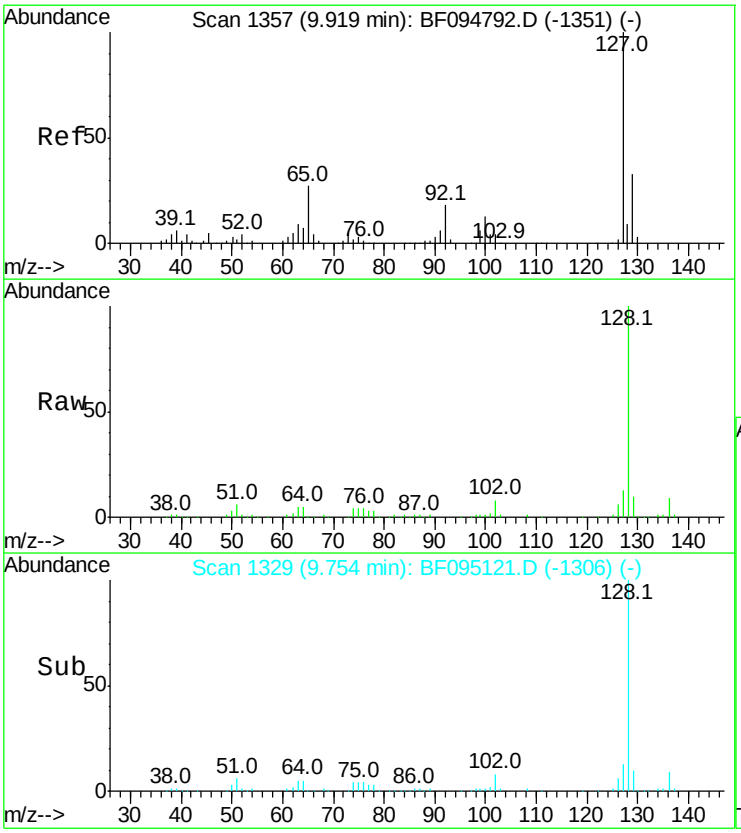
#32
Benzoic acid
Concen: 5.11 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.15 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 128

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	1231.3	73.7	113.7#

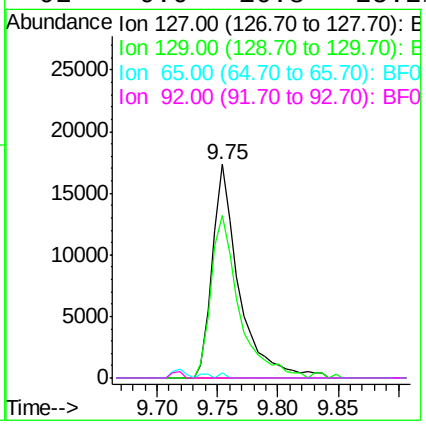


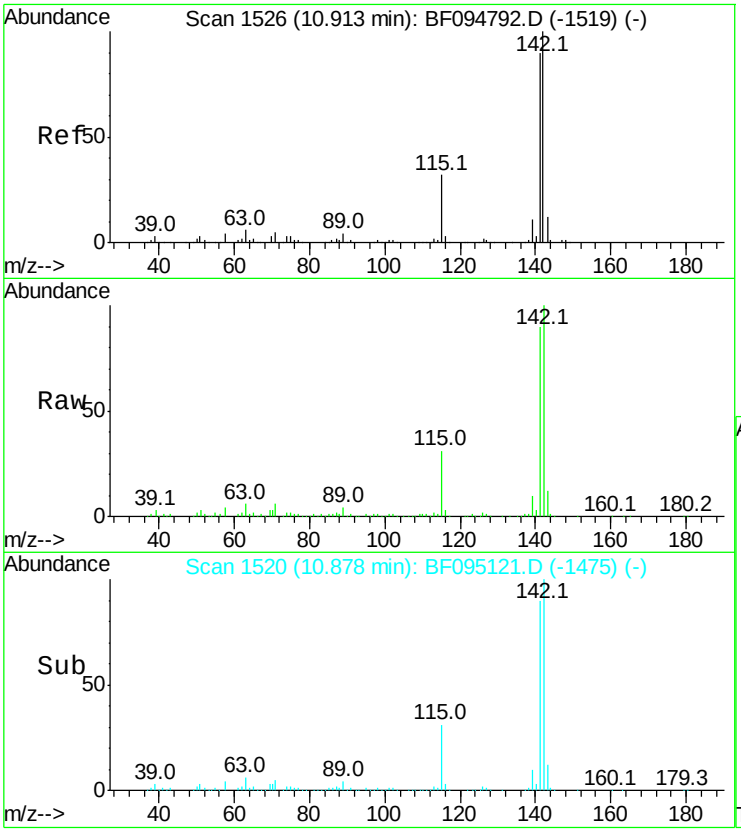


#33
4-Chloroaniline
Concen: 3.77 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.16 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:127 Resp: 26290

Ion	Ratio	Lower	Upper
127	100		
129	75.8	26.2	39.2#
65	2.3	27.8	41.8#
92	0.0	16.8	25.2#



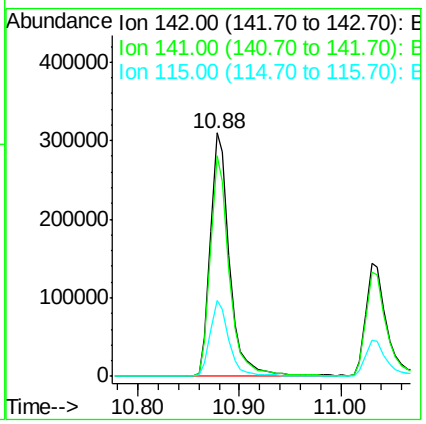


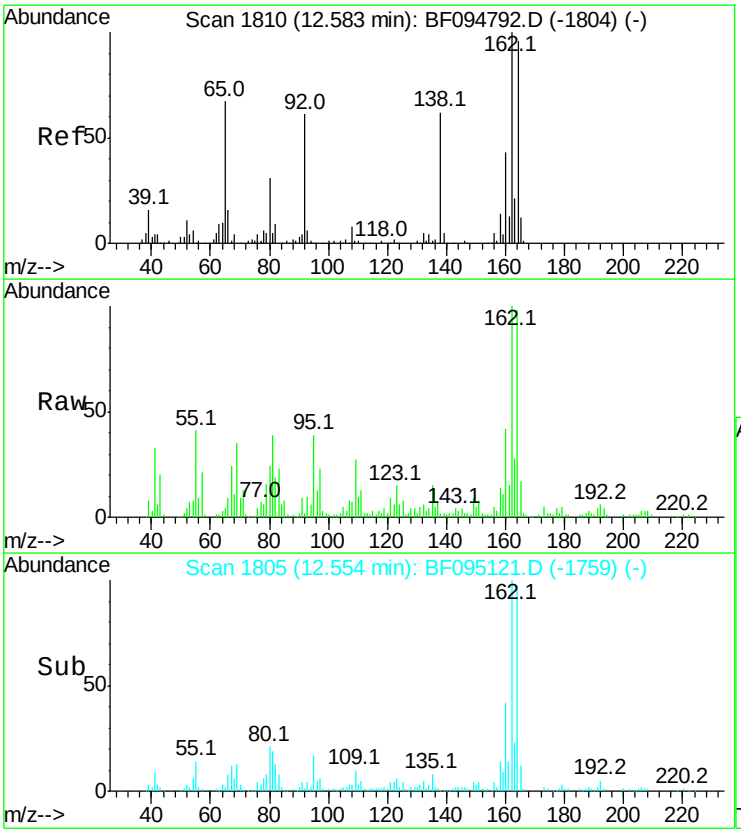
#37
2-Methylnaphthalene
Concen: 33.44 ng
RT: 10.88 min Scan# 1520
Delta R.T. -0.04 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 410455

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	31.1	27.1	40.7

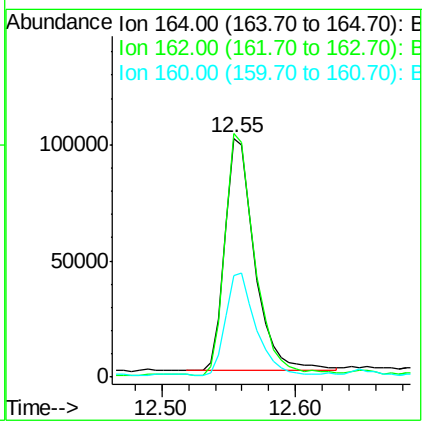


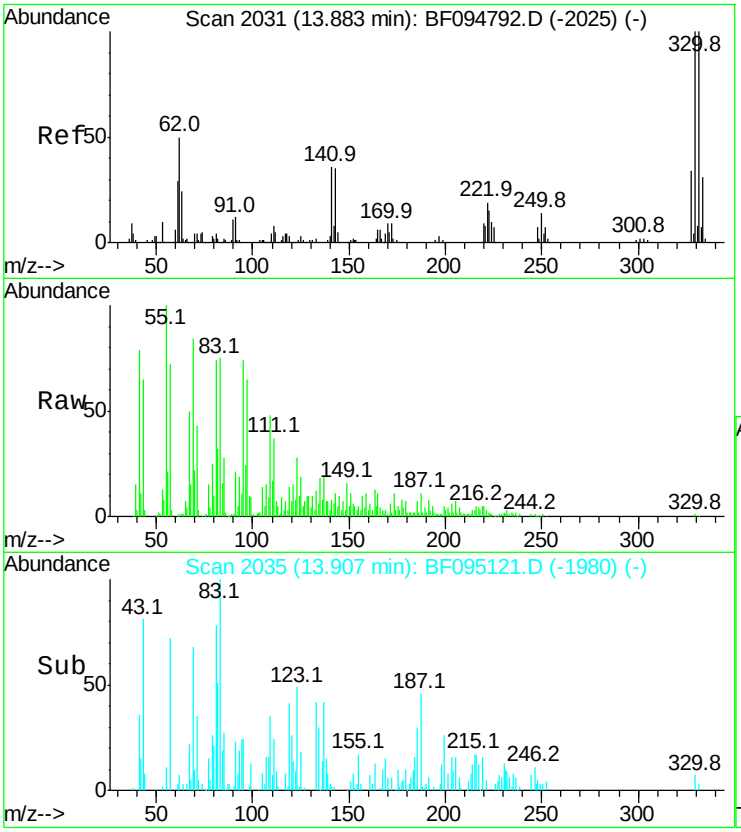


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:164 Resp: 155727

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	42.7	36.2	54.2



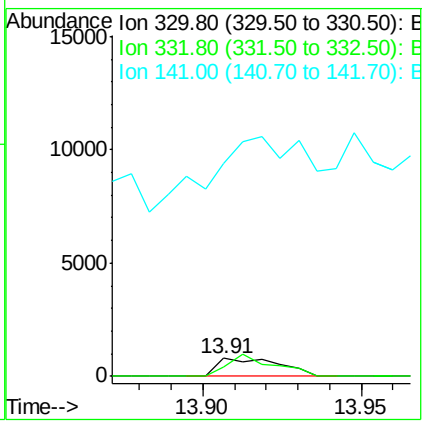


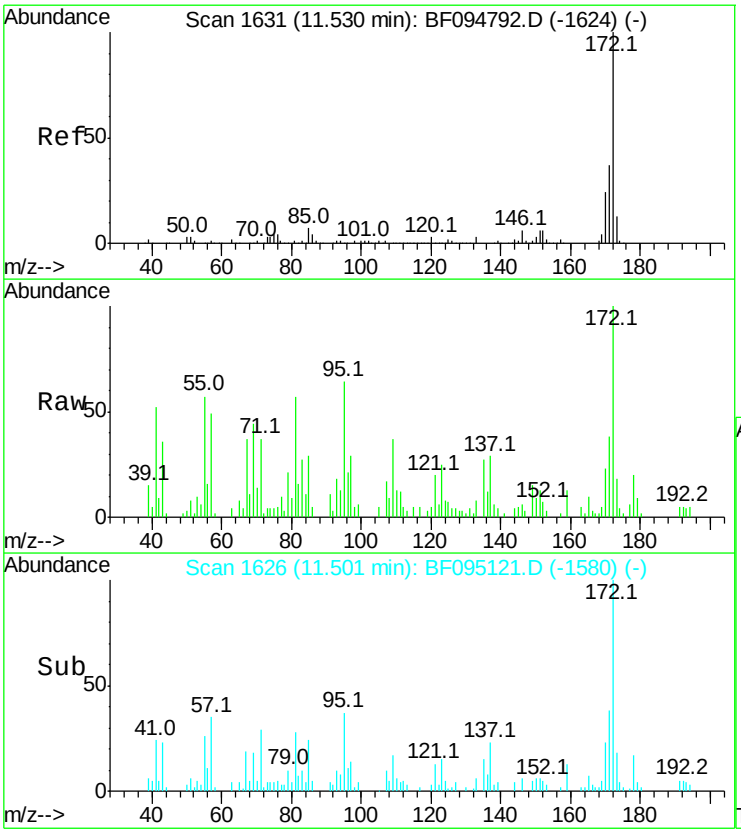
#41
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 13.91 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1096

Ion	Ratio	Lower	Upper
330	100		
332	86.7	76.6	115.0
141	613.7	31.4	47.2#

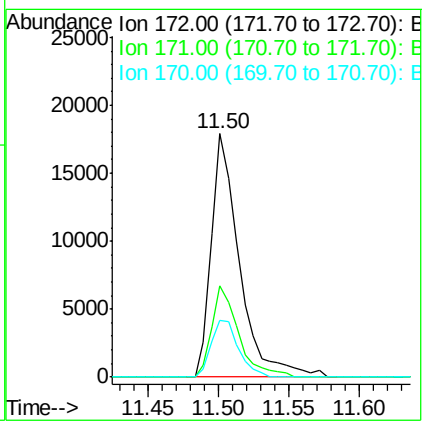


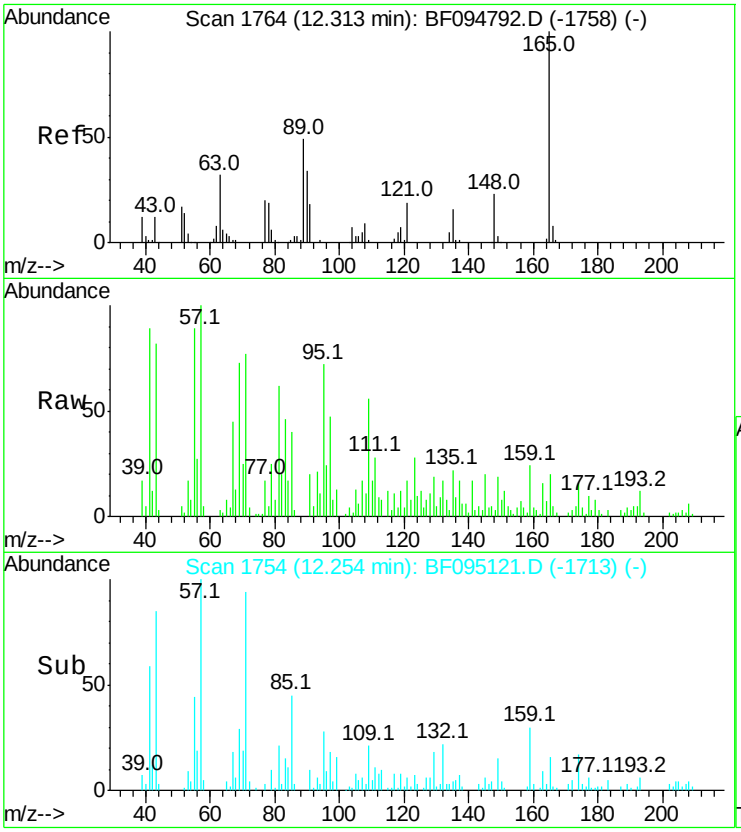


#44
2-Fluorobiphenyl
Concen: 2.30 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:172 Resp: 24863

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	23.2	19.8	29.8



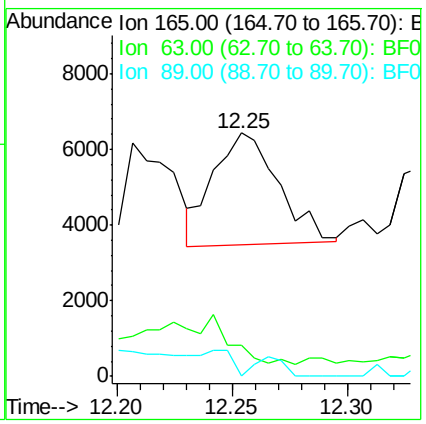


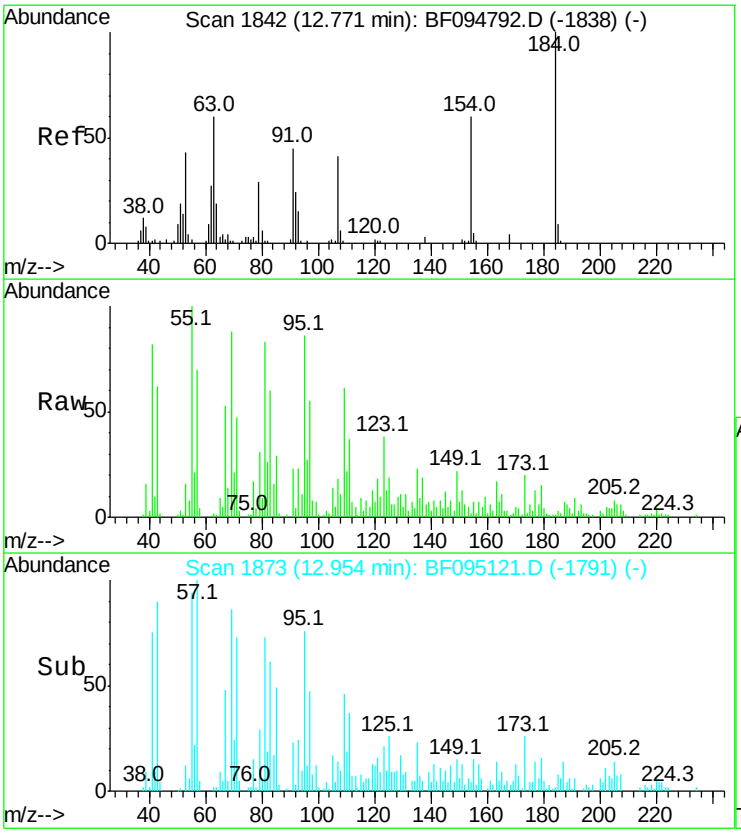
#50
2,6-Dinitrotoluene
Concen: 2.23 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.06 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5806

Ion	Ratio	Lower	Upper
165	100		
63	13.0	34.3	51.5#
89	0.0	37.1	55.7#

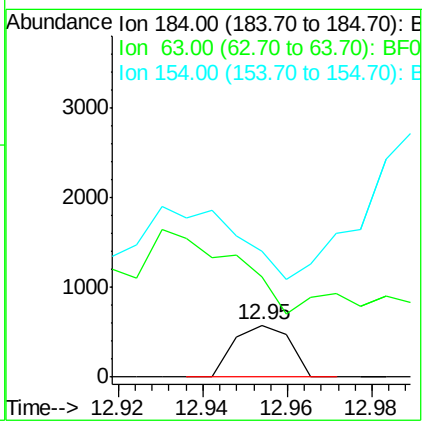


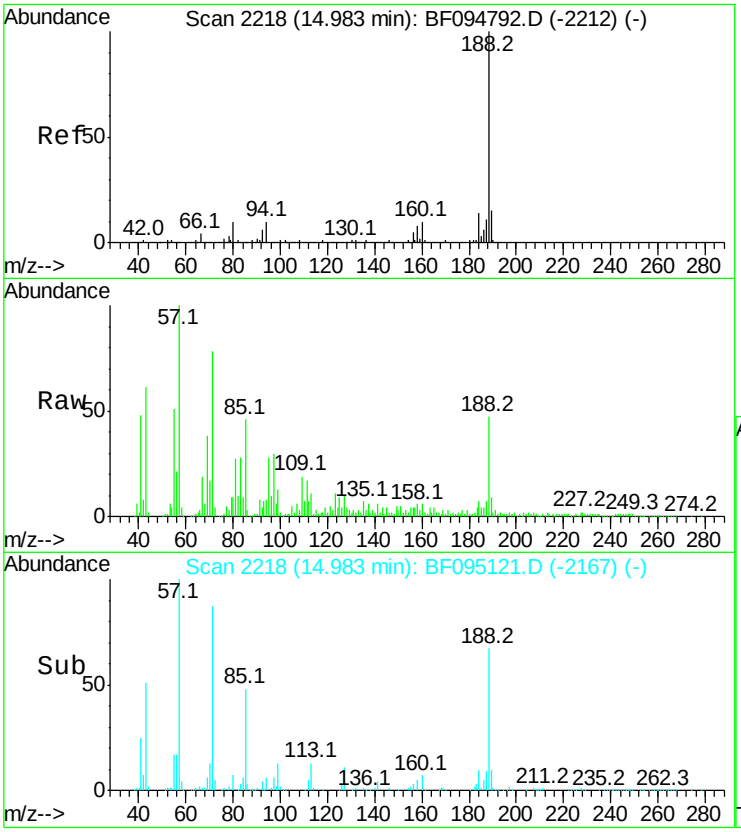


#53
2,4-Dinitrophenol
Concen: 6.59 ng
RT: 12.95 min Scan# 1873
Delta R.T. 0.18 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:184 Resp: 533

Ion	Ratio	Lower	Upper
184	100		
63	191.4	62.7	94.1#
154	240.0	81.1	121.7#



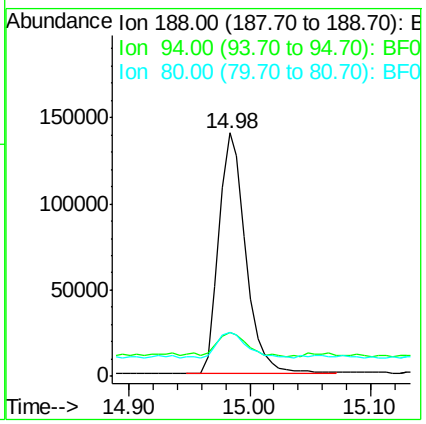


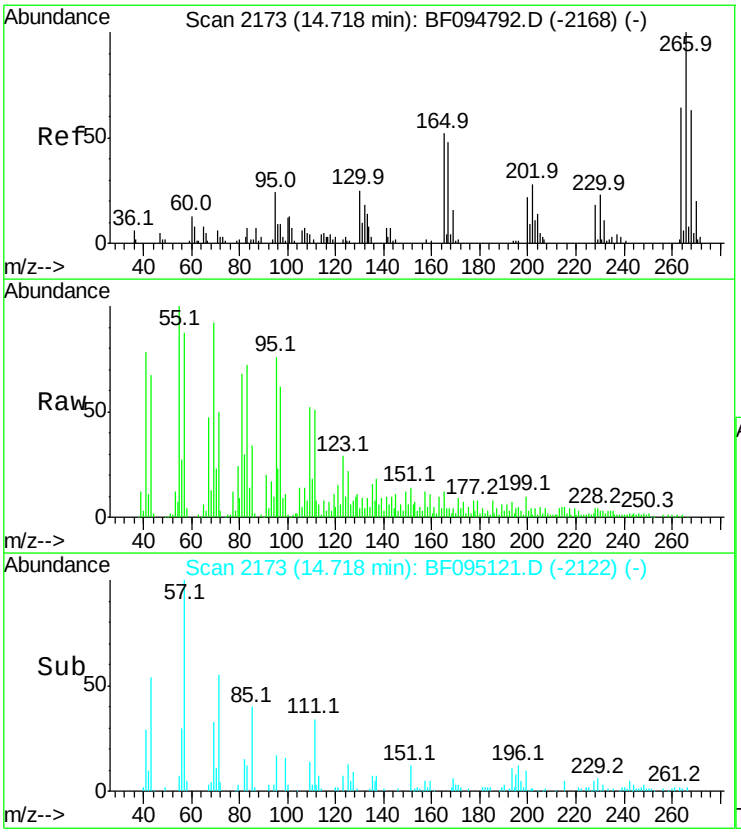
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 216561

Ion	Ratio	Lower	Upper
188	100		
94	17.9	9.4	14.2#
80	18.2	10.2	15.2#

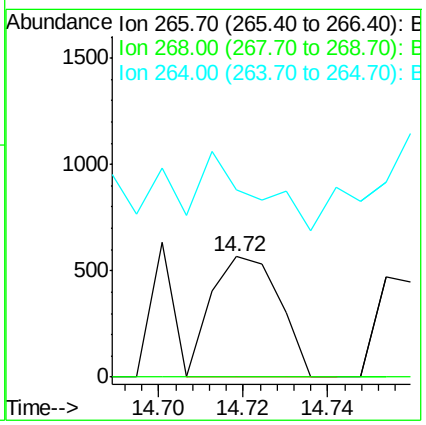


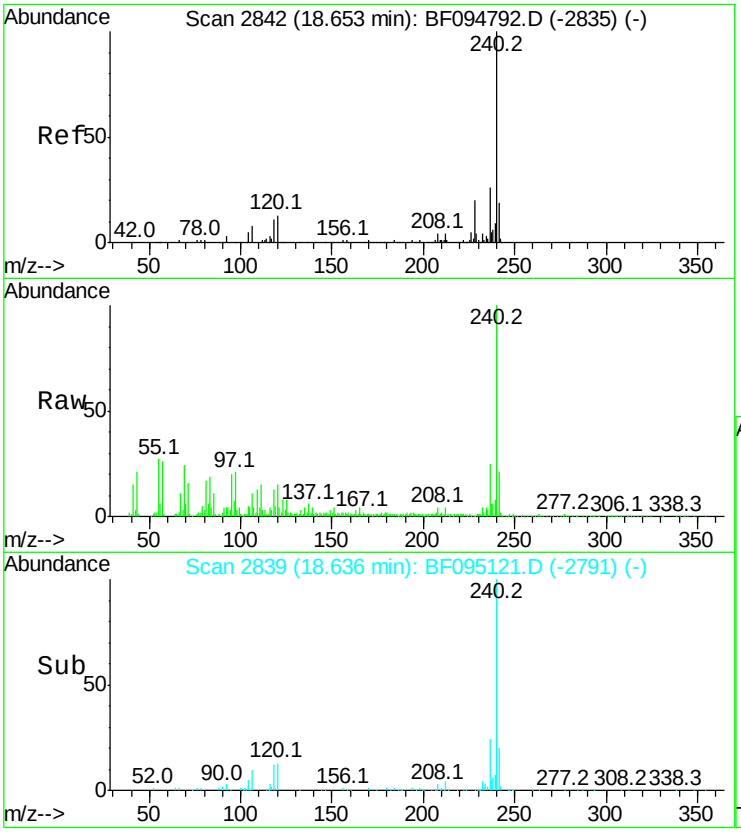


#69
Pentachlorophenol
Concen: 6.42 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:266 Resp: 638

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	155.7	51.7	77.5#



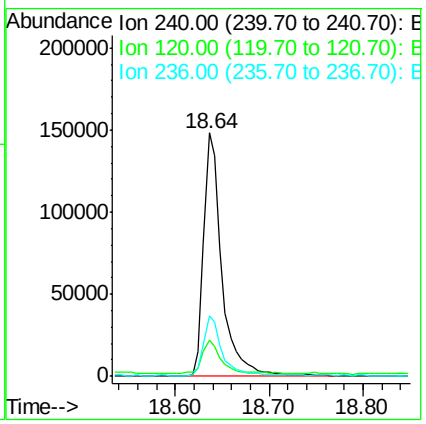


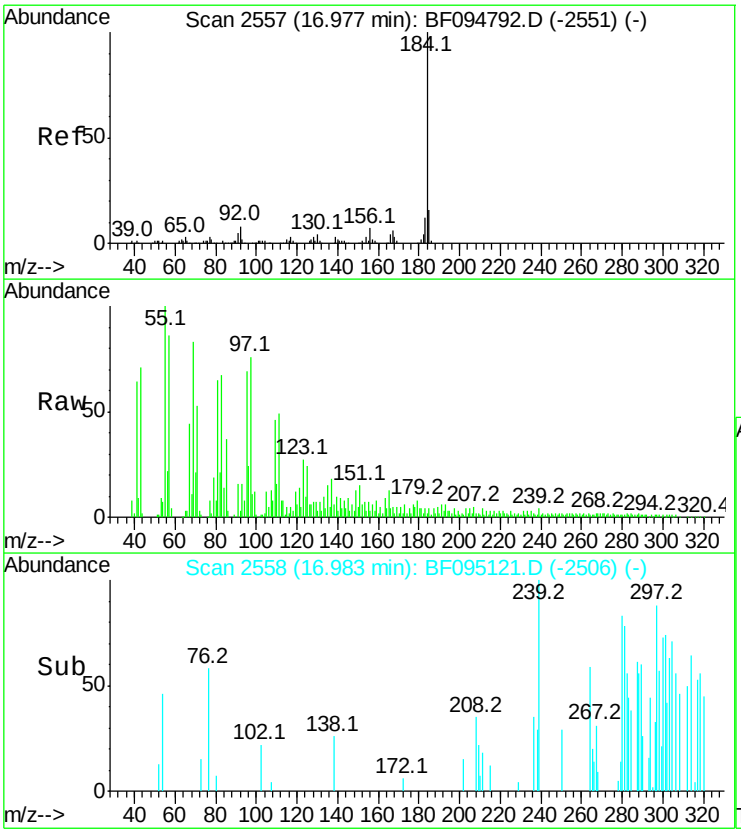
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 204071

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.0	20.5	30.7

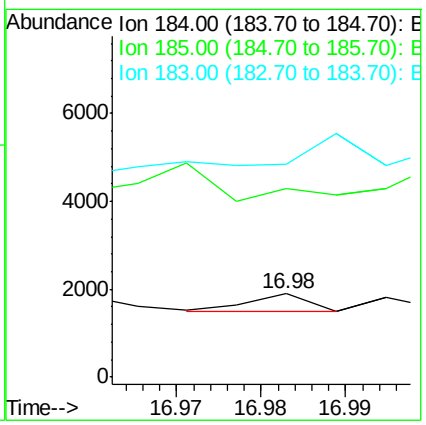


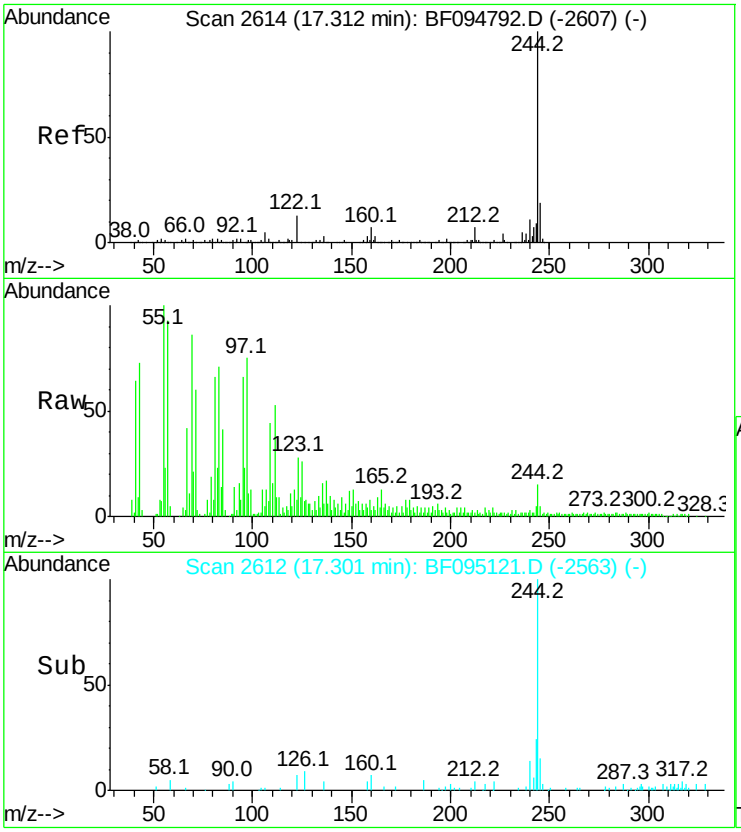


#76
Benzidine
Concen: 6.62 ng
RT: 16.98 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:184 Resp: 182

Ion	Ratio	Lower	Upper
184	100		
185	225.8	15.5	23.3#
183	254.7	9.8	14.6#



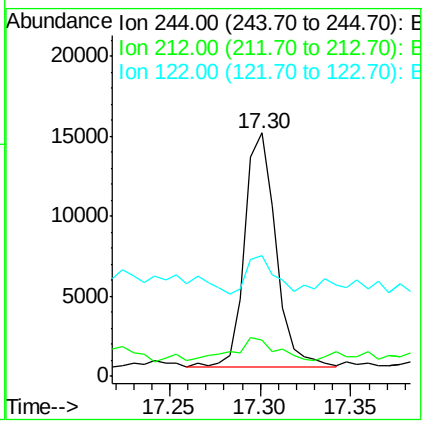


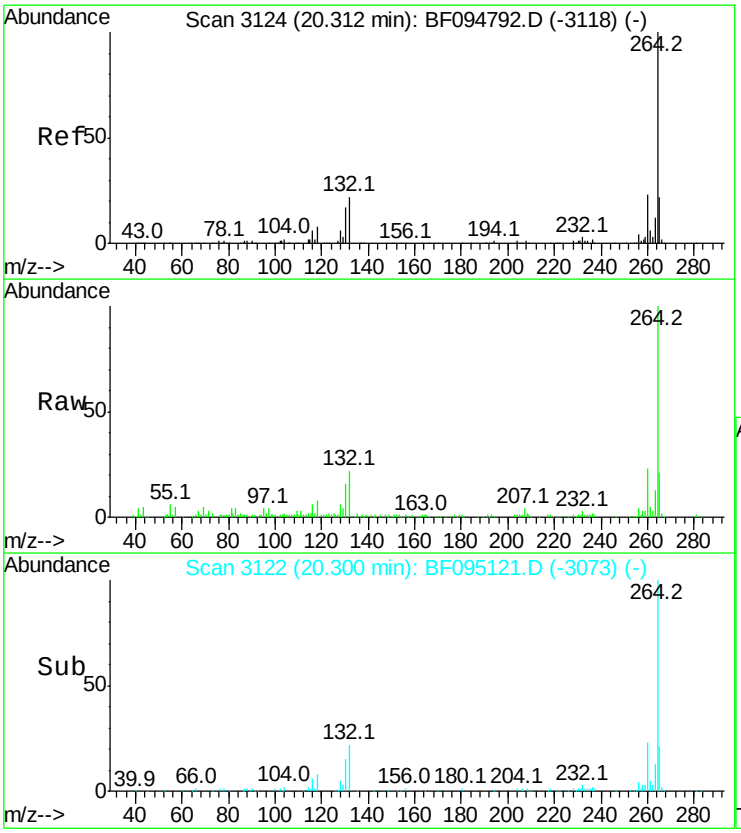
#78
Terphenyl-d14
Concen: 1.90 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 17638

Ion	Ratio	Lower	Upper
244	100		
212	14.7	6.0	9.0#
122	49.5	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: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:264 Resp: 170867

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.1	17.2	25.8