Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
Data File : BF075740.D
Acq On : 21 Nov 2014 7:31
Operator : TP / JJ
Sample : F4777-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06-11-14-14

Quant Time: Nov 21 08:02:07 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 18:09:59 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	63913	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	281598	20.00	ng	-0.01
38) Acenaphthene-d10	11.24	164	148129	20.00	ng	-0.01
63) Phenanthrene-d10	13.08	188	230072	20.00	ng	-0.01
75) Chrysene-d12	16.38	240	246218	20.00	ng	-0.01
86) Perylene-d12	18.17	264	243471	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	208748	50.74	ng	-0.01
7) Phenol-d6	7.03	99	155321	31.05	ng	-0.01
23) Nitrobenzene-d5	8.16	82	319842	69.72	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	136345	112.90	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	642300	67.88	ng	-0.01
78) Terphenyl-d14	15.08	244	531626	54.01	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.14	117	14811	8.57	ng	# 1
51) Acenaphthene	11.27	154	43586	5.15	ng	99
53) 2,4-Dinitrophenol	11.35	184	282	7.53	ng	# 1
54) Dibenzofuran	11.49	168	41589	3.36	ng	# 87
57) Fluorene	11.91	166	46446	4.65	ng	# 92
64) 4,6-Dinitro-2-methylphenol	12.03	198	767	4.01	ng	# 1
70) Phenanthrene	13.11	178	65450	4.67	ng	97
71) Anthracene	13.11	178	47948	3.30	ng	97
76) Benzidine	14.73	184	1908	Below Cal		# 1

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

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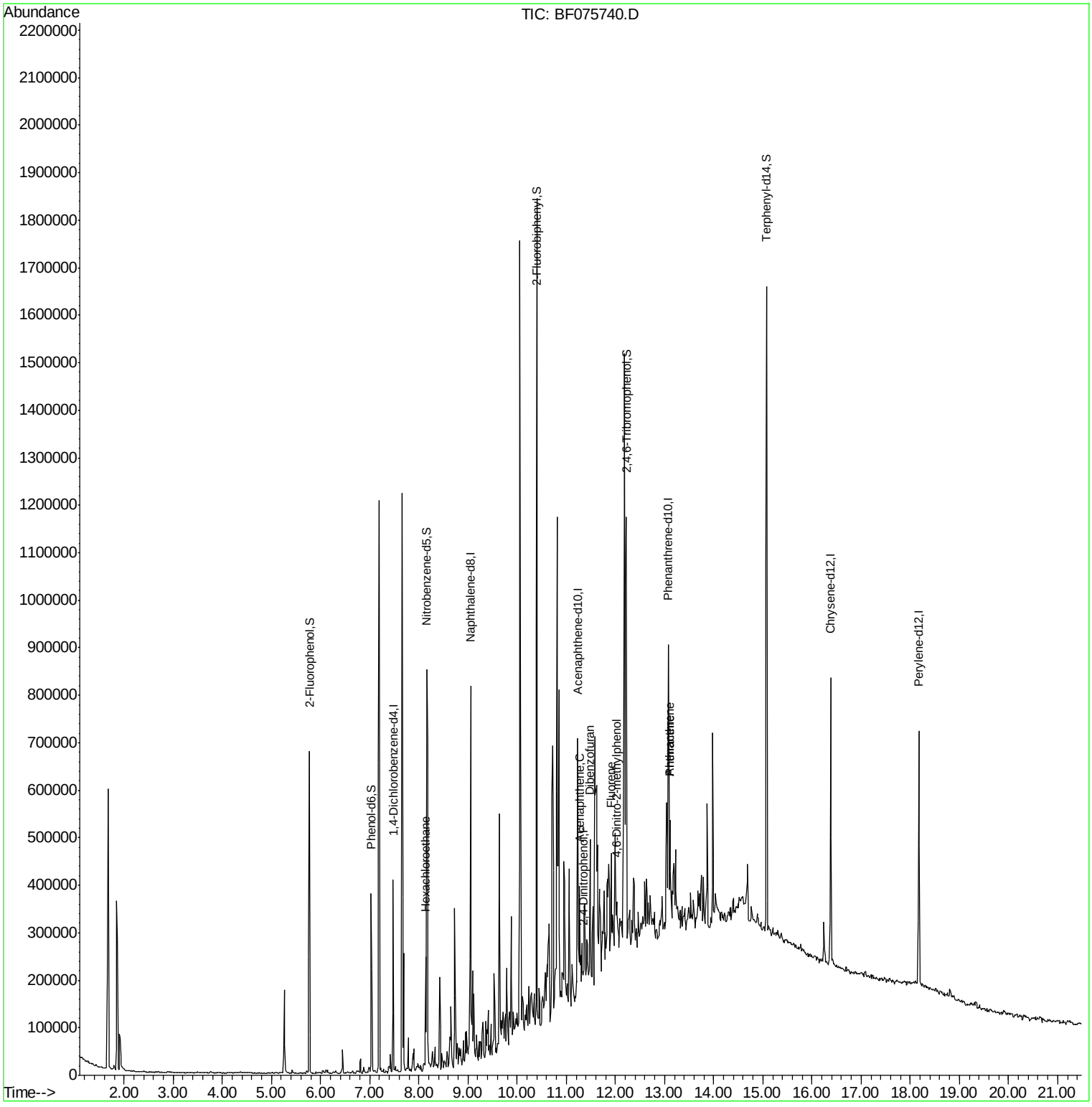
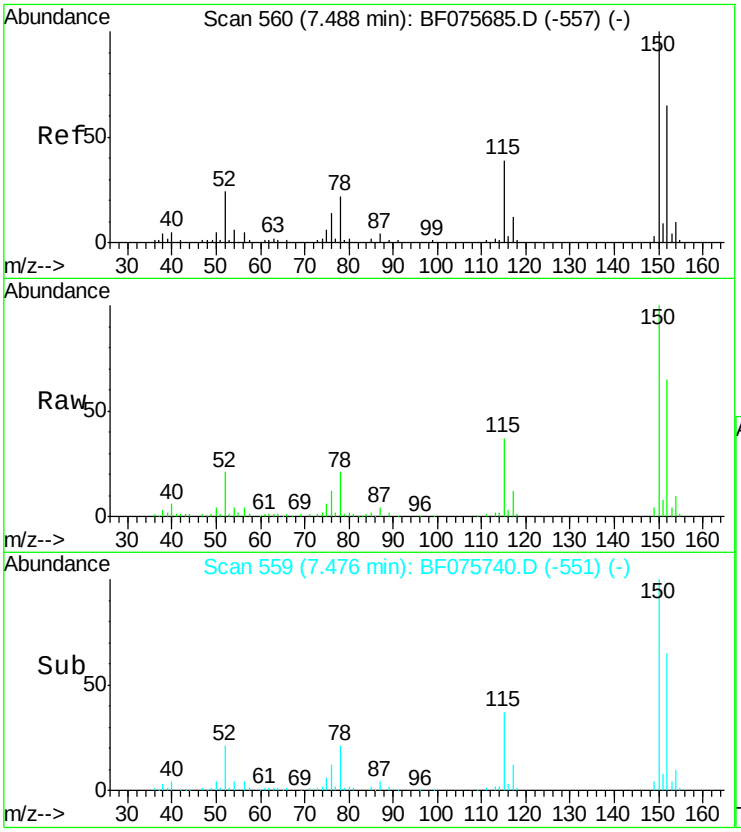


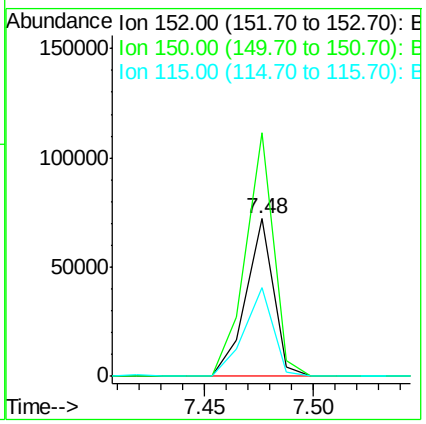


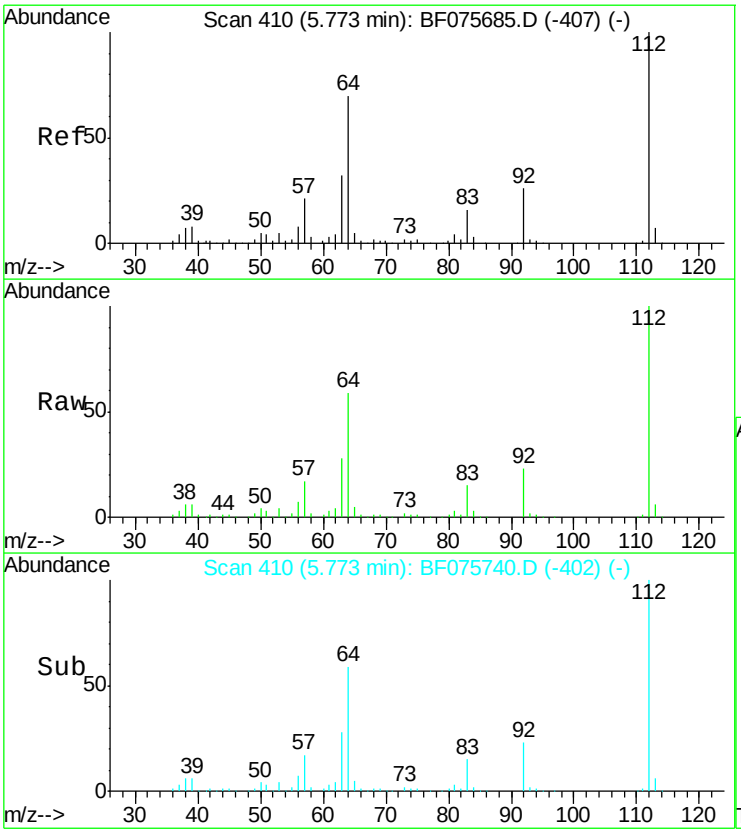
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:152 Resp: 63913

Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.2	190.8
115	56.7	57.1	85.7#

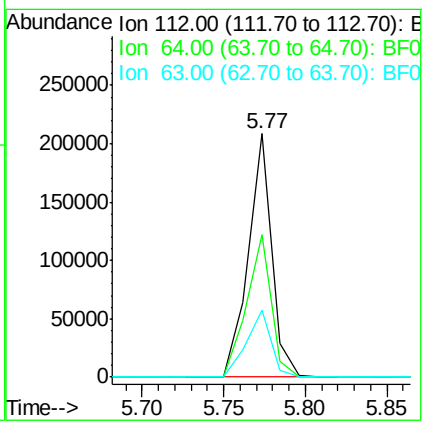


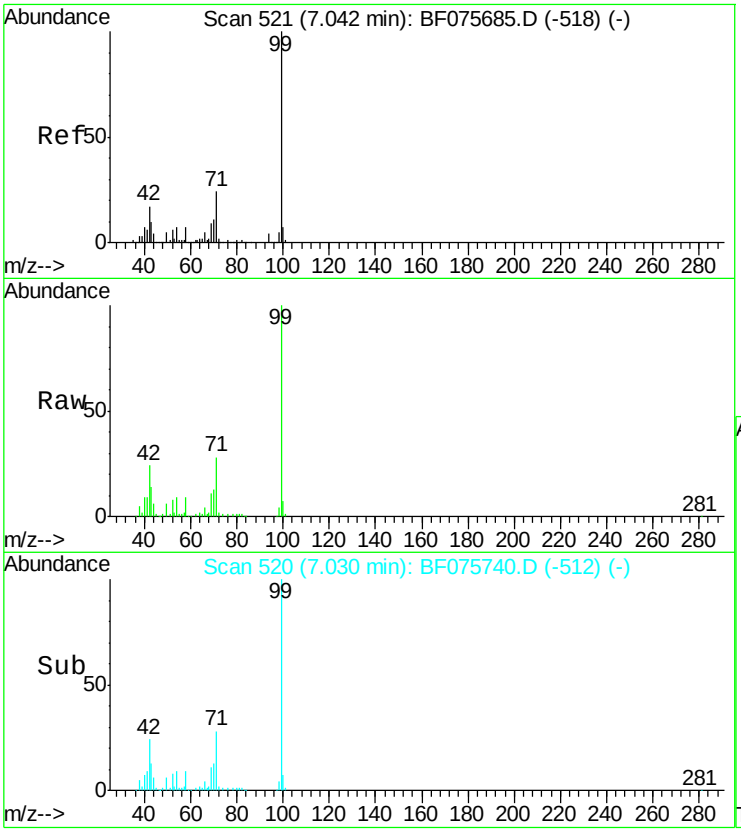


#5
2-Fluorophenol
Concen: 50.74 ng
RT: 5.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:112 Resp: 208748

Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.8	68.6
63	27.6	22.7	34.1



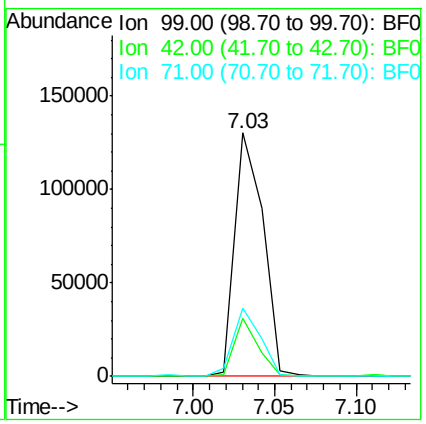


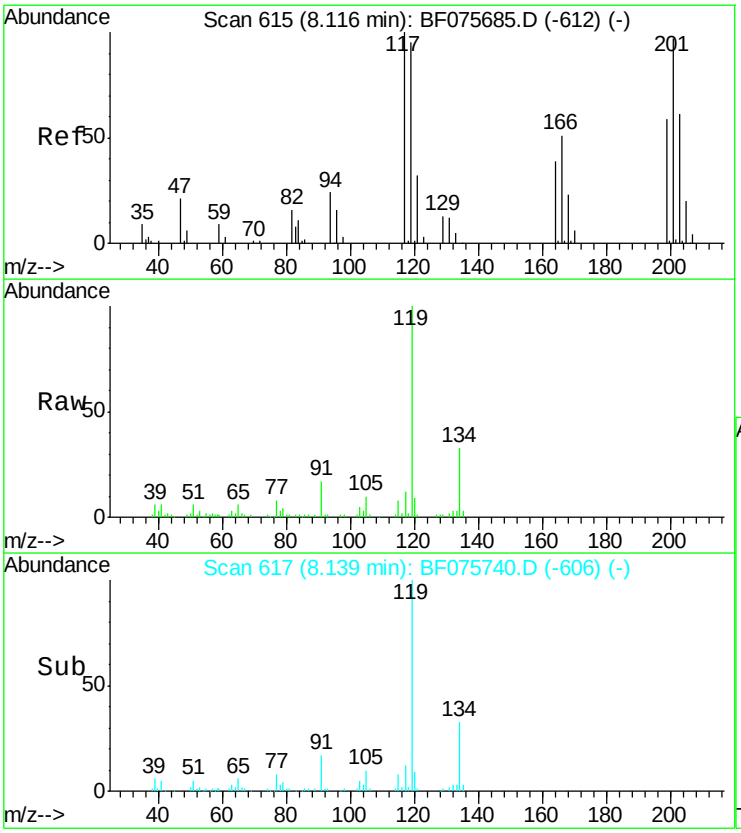
#7
Phenol-d6
Concen: 31.05 ng
RT: 7.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion: 99 Resp: 155321

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.8	29.6
71	28.2	25.5	38.3

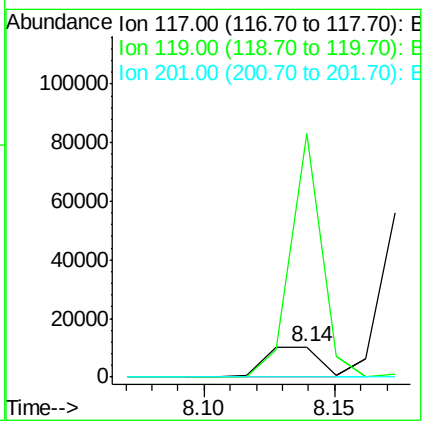


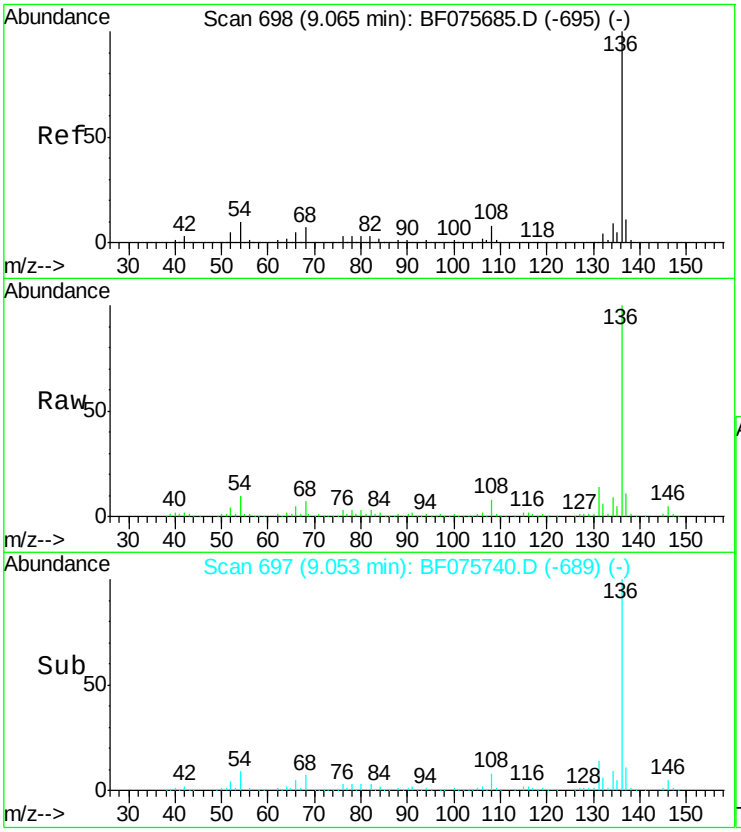


#18
Hexachloroethane
Concen: 8.57 ng
RT: 8.14 min Scan# 617
Delta R.T. 0.02 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:117 Resp: 14811

Ion	Ratio	Lower	Upper
117	100		
119	801.7	72.9	109.3#
201	0.0	48.2	72.4#



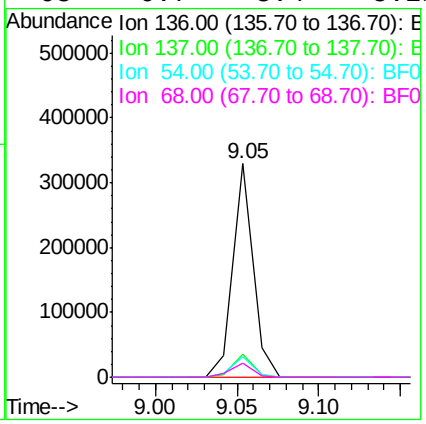


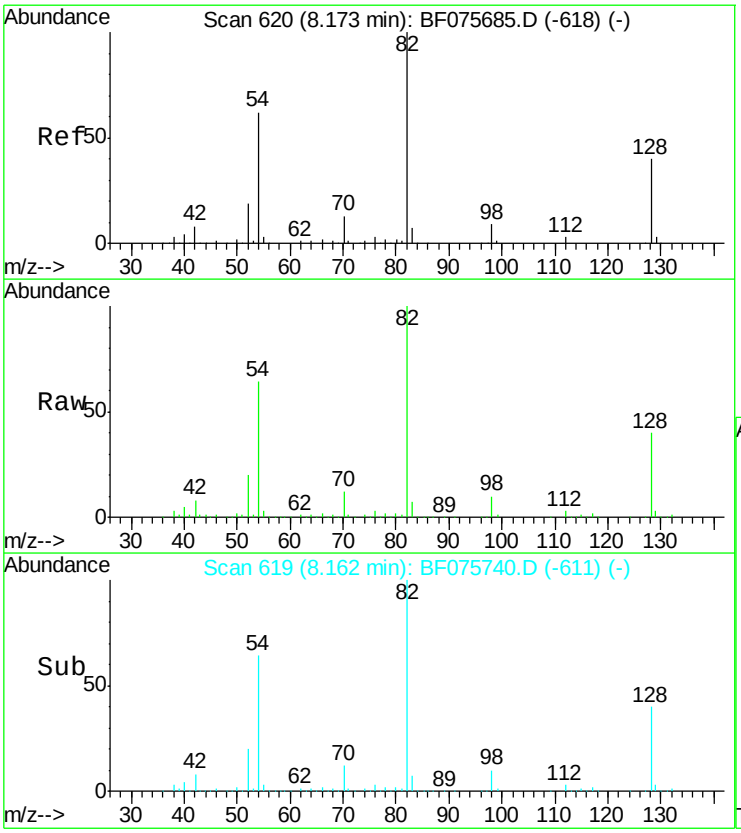
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:136 Resp: 281598

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	9.5	6.2	9.4#
68	6.7	3.4	5.2#

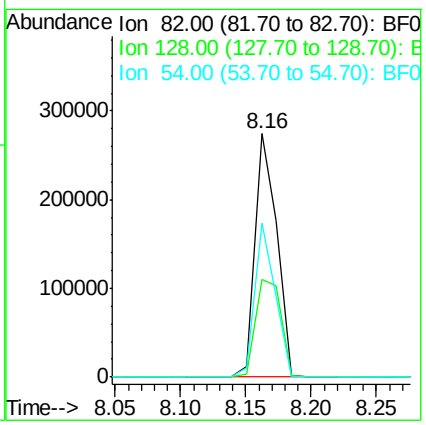


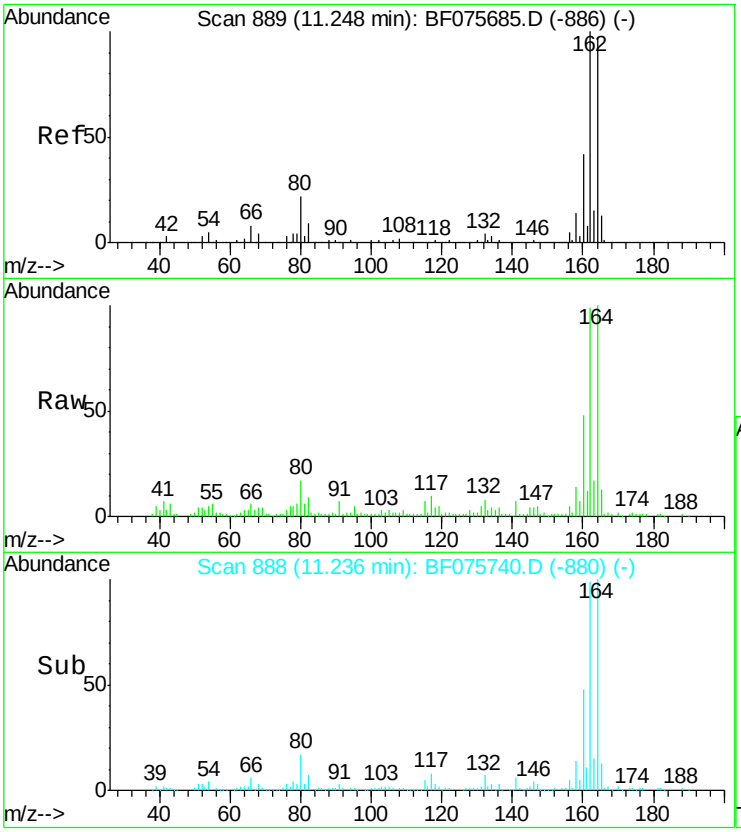


#23
Nitrobenzene-d5
Concen: 69.72 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion: 82 Resp: 319842

Ion	Ratio	Lower	Upper
82	100		
128	40.0	37.8	56.6
54	63.5	49.8	74.8



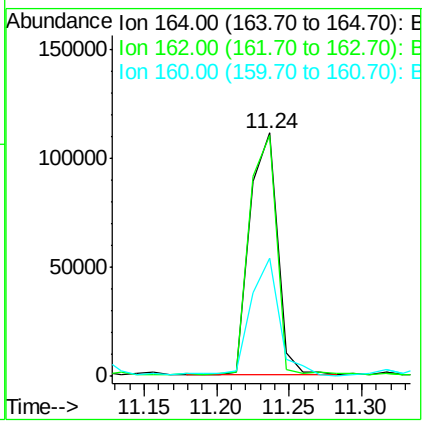


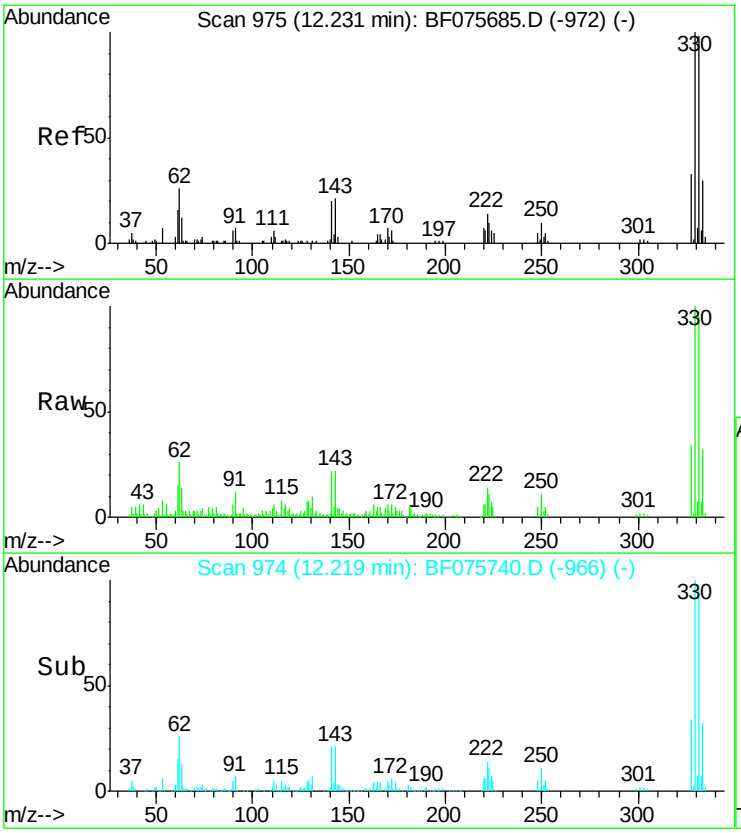
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:164 Resp: 148129

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.1	118.7
160	48.3	34.6	51.8

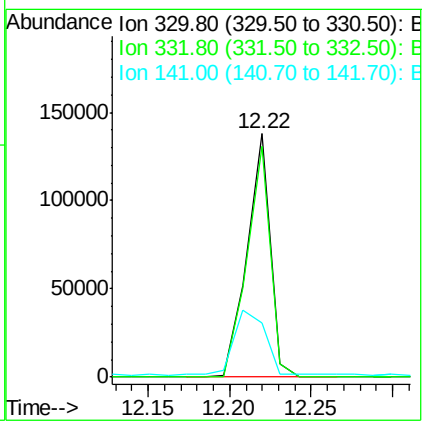


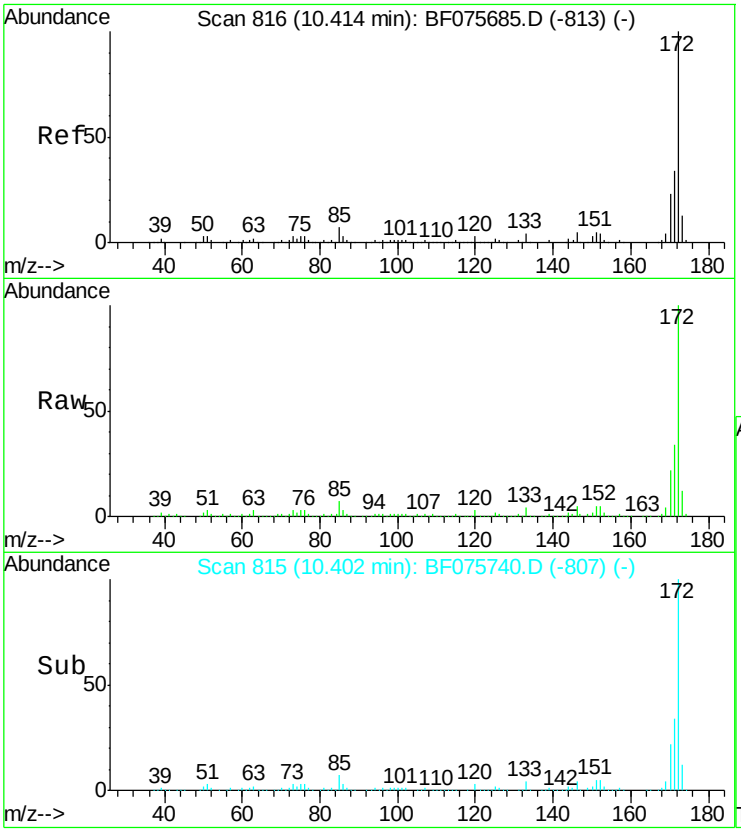


#41
2,4,6-Tribromophenol
Concen: 112.90 ng
RT: 12.22 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:330 Resp: 136345

Ion	Ratio	Lower	Upper
330	100		
332	95.1	74.5	111.7
141	35.9	30.7	46.1



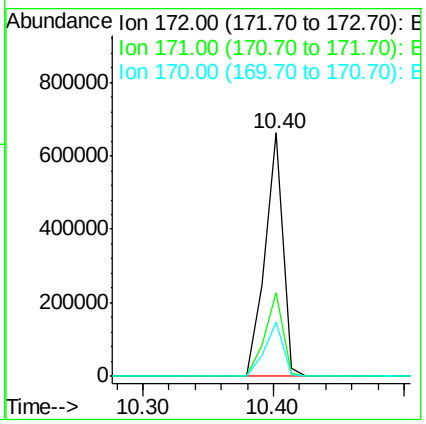


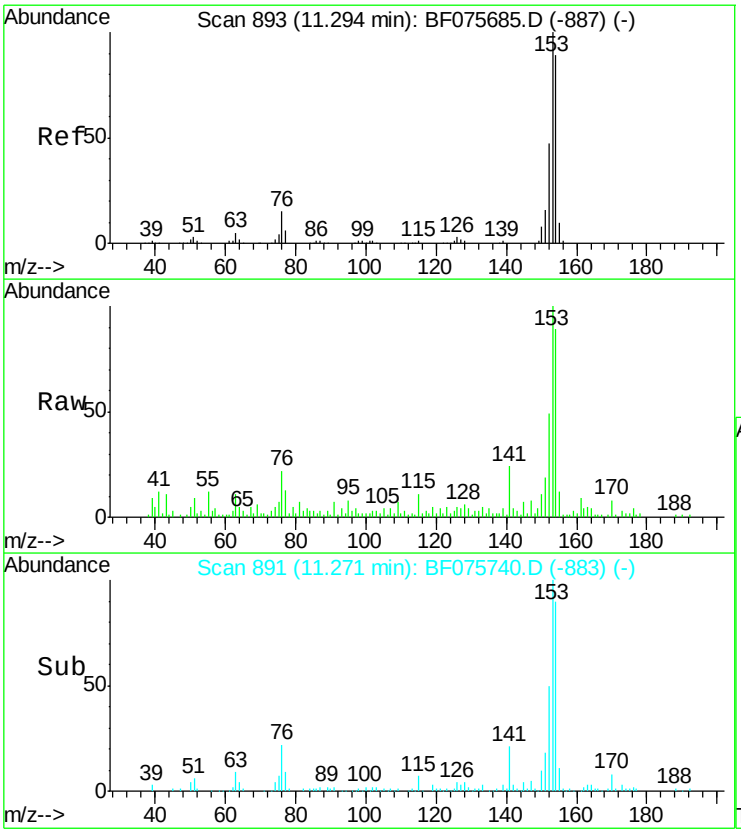
#44
2-Fluorobiphenyl
Concen: 67.88 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:172 Resp: 642300

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.3	40.9
170	22.1	18.4	27.6

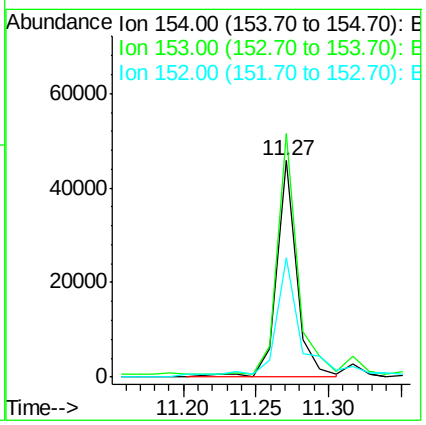


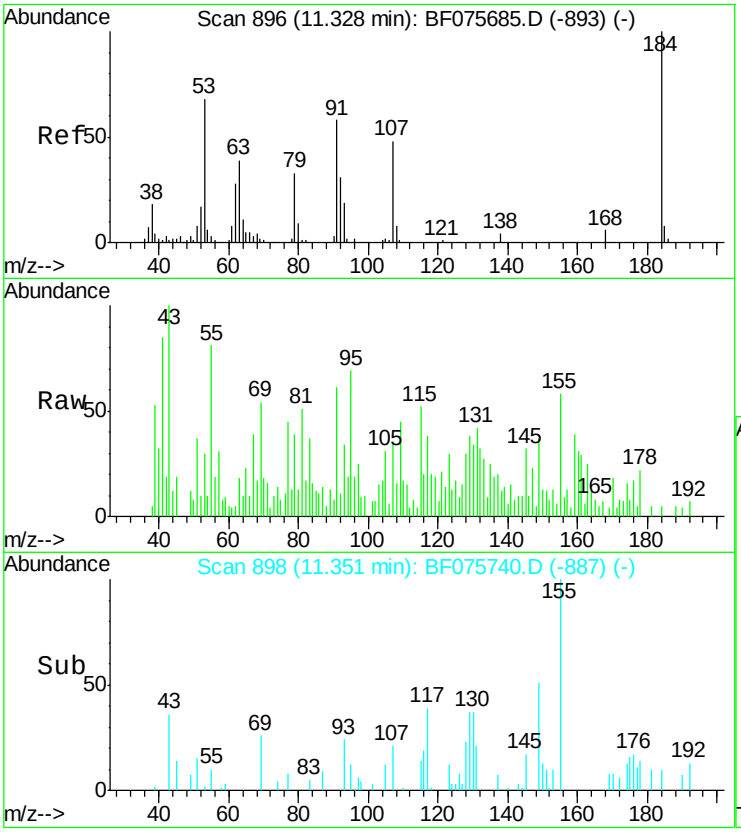


#51
Acenaphthene
Concen: 5.15 ng
RT: 11.27 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:154 Resp: 43586

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	54.9	43.4	65.0



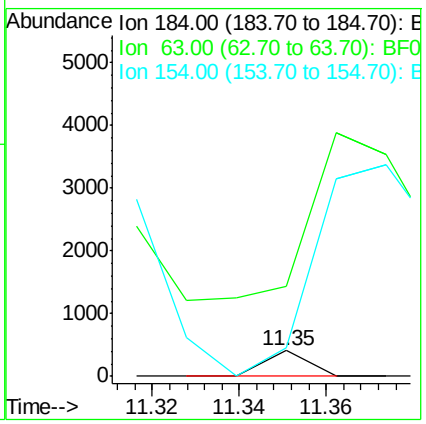


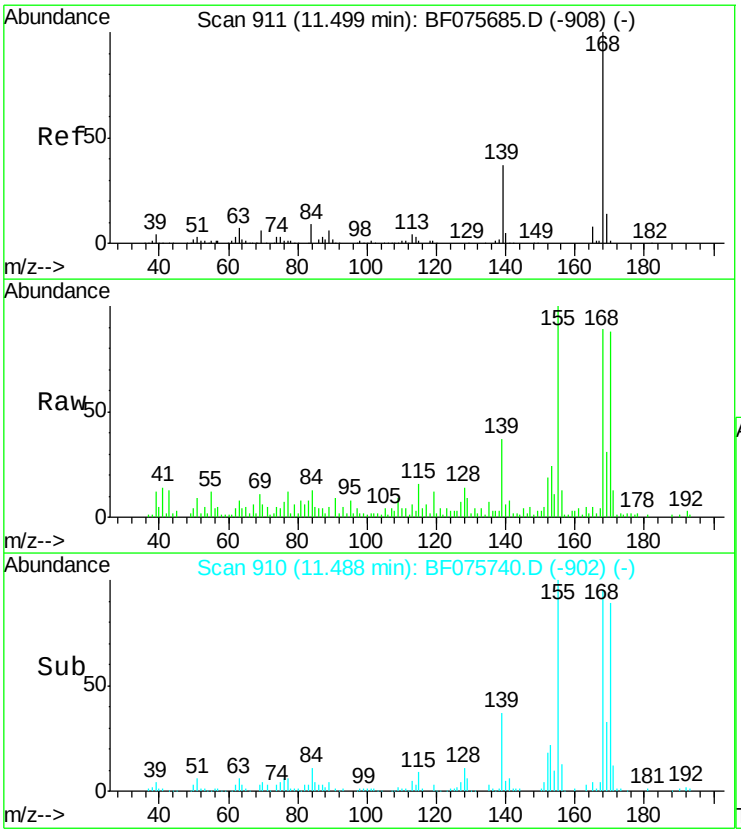
#53
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 11.35 min Scan# 898
Delta R.T. 0.02 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:184 Resp: 282

Ion	Ratio	Lower	Upper
184	100		
63	348.3	96.3	144.5#
154	111.2	56.2	84.4#

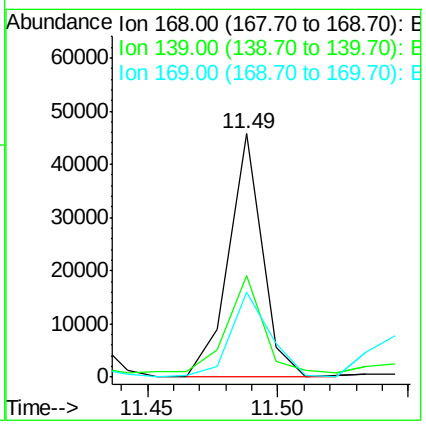


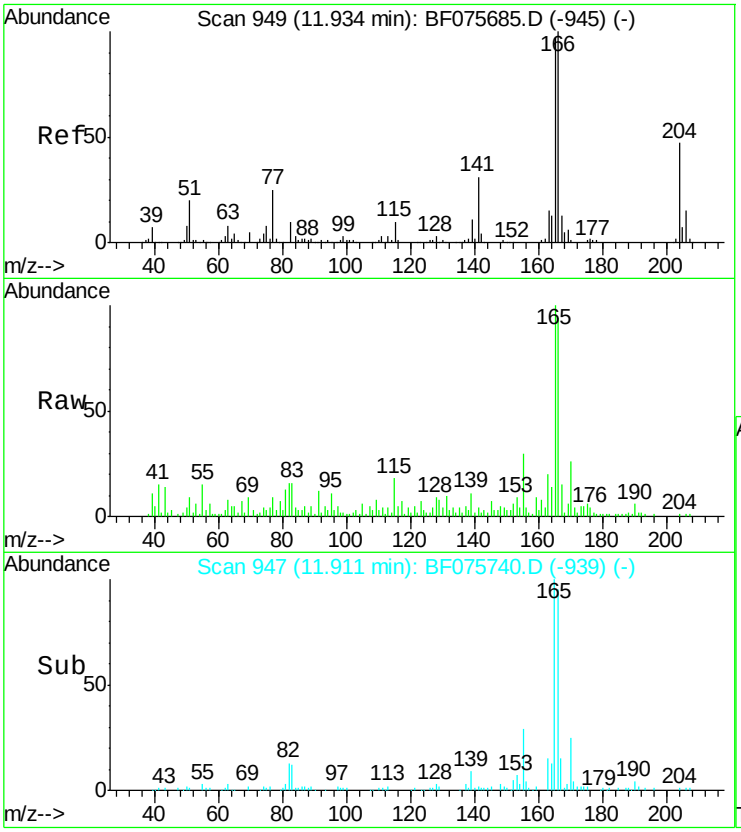


#54
Dibenzofuran
Concen: 3.36 ng
RT: 11.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:168 Resp: 41589

Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.4
169	34.6	10.8	16.2#



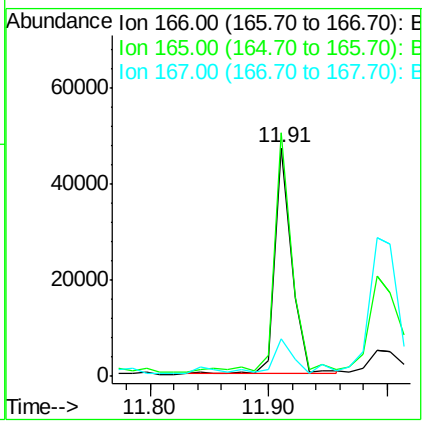


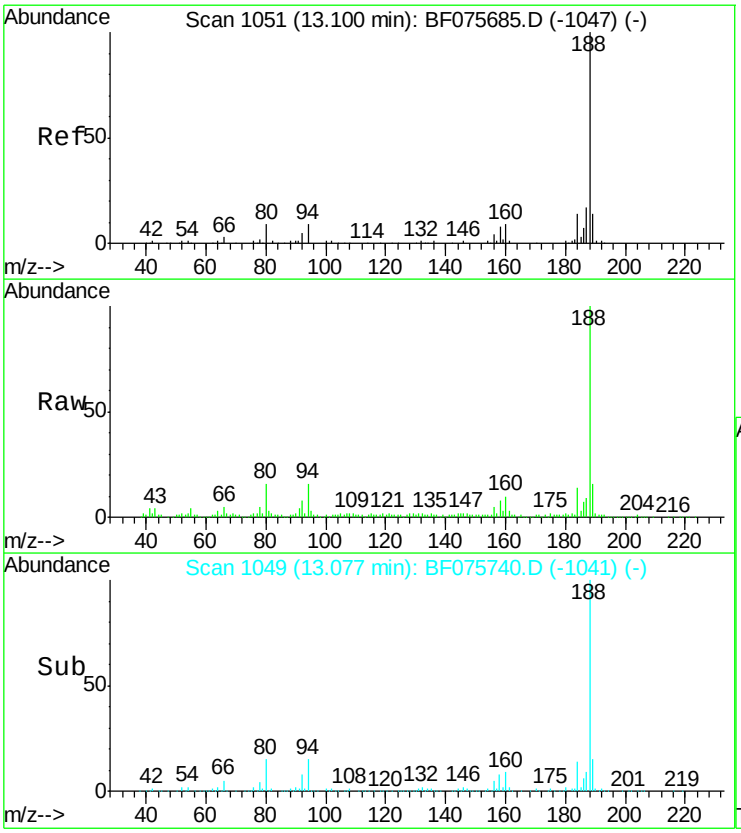
#57
Fluorene
Concen: 4.65 ng
RT: 11.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:166 Resp: 46446

Ion	Ratio	Lower	Upper
166	100		
165	106.4	78.8	118.2
167	16.4	10.6	15.8#

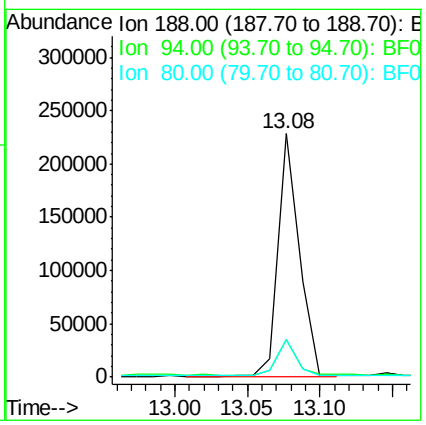


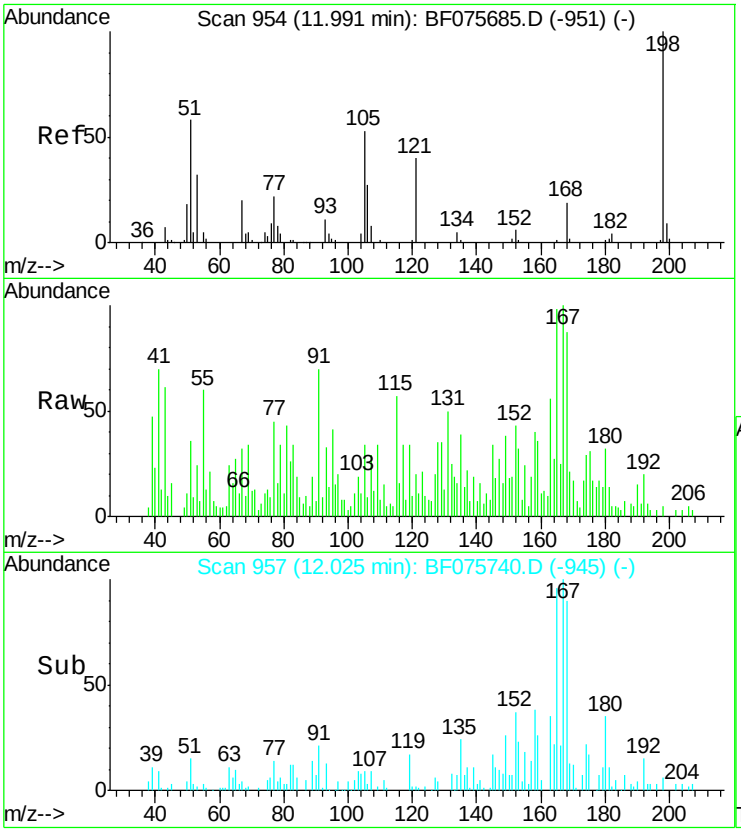


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:188 Resp: 230072

Ion	Ratio	Lower	Upper
188	100		
94	15.7	7.8	11.6#
80	15.6	8.0	12.0#



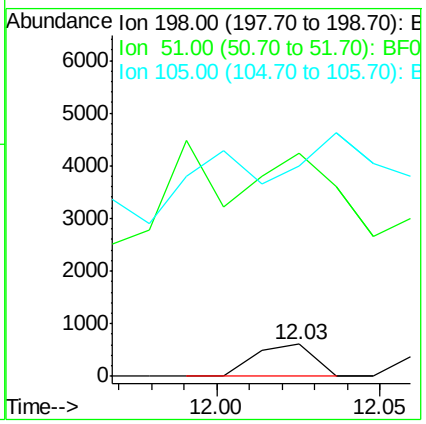


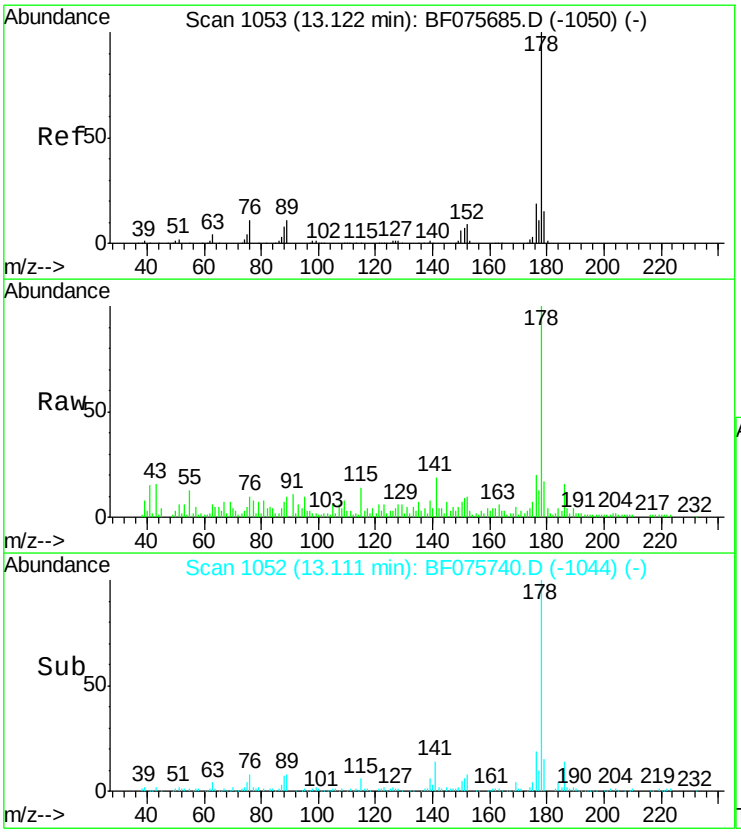
#64
4,6-Dinitro-2-methylphenol
Concen: 4.01 ng
RT: 12.03 min Scan# 957
Delta R.T. 0.04 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:198 Resp: 767

Ion	Ratio	Lower	Upper
198	100		
51	690.0	26.0	66.0#
105	652.7	24.2	64.2#

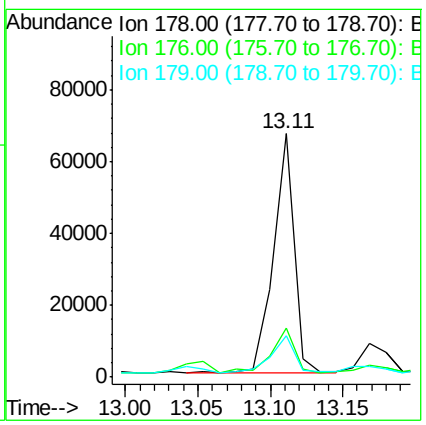


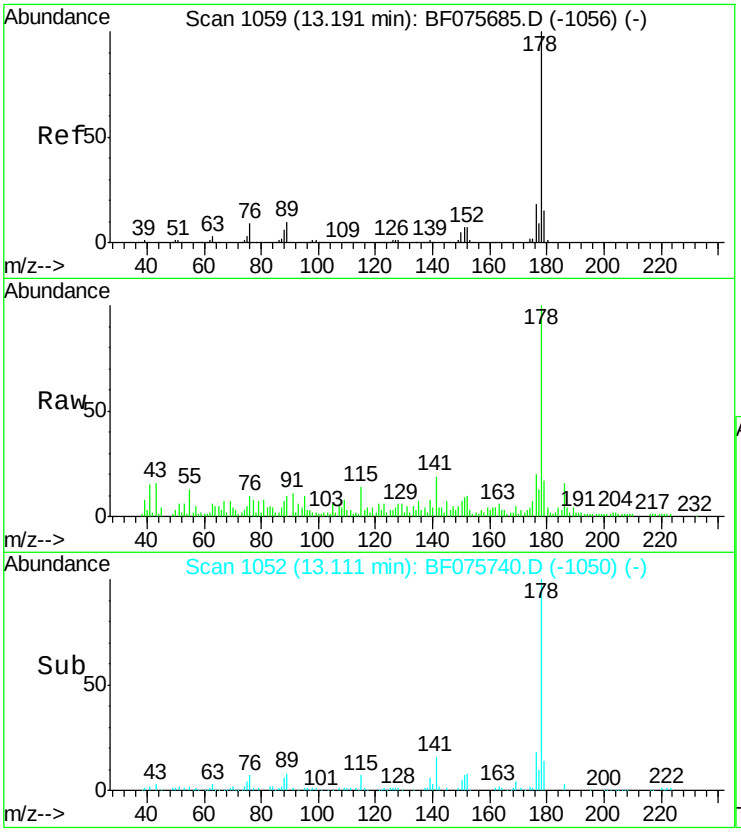


#70
Phenanthrene
Concen: 4.67 ng
RT: 13.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:178 Resp: 65450

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	16.9	12.2	18.4



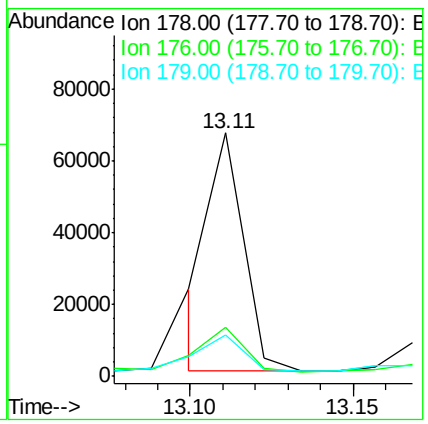


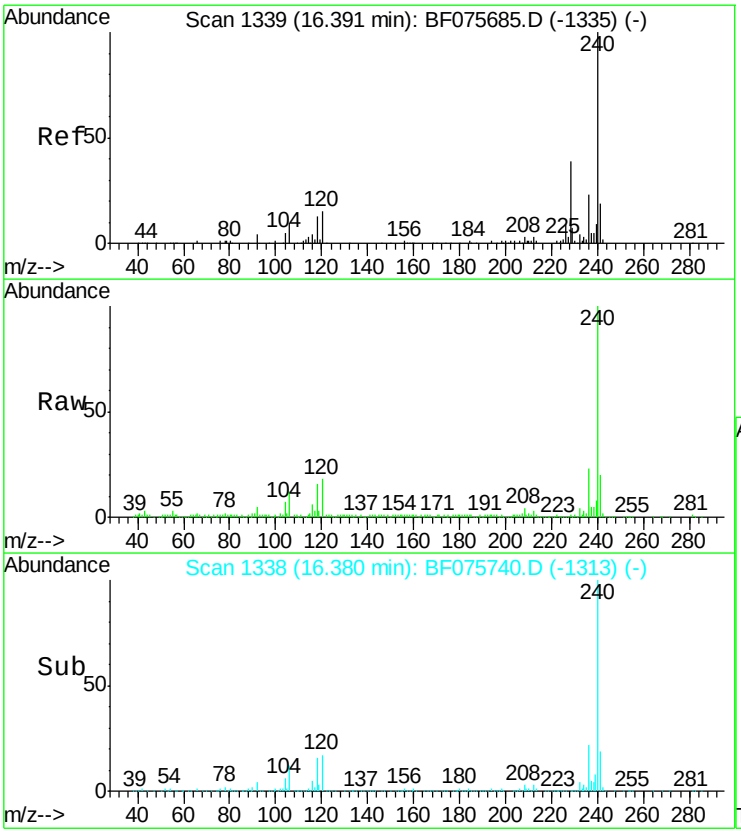
#71
Anthracene
Concen: 3.30 ng
RT: 13.11 min Scan# 1052
Delta R.T. -0.08 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:178 Resp: 47948

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	16.9	12.2	18.2

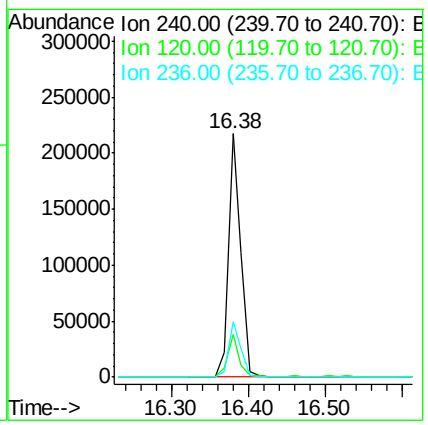


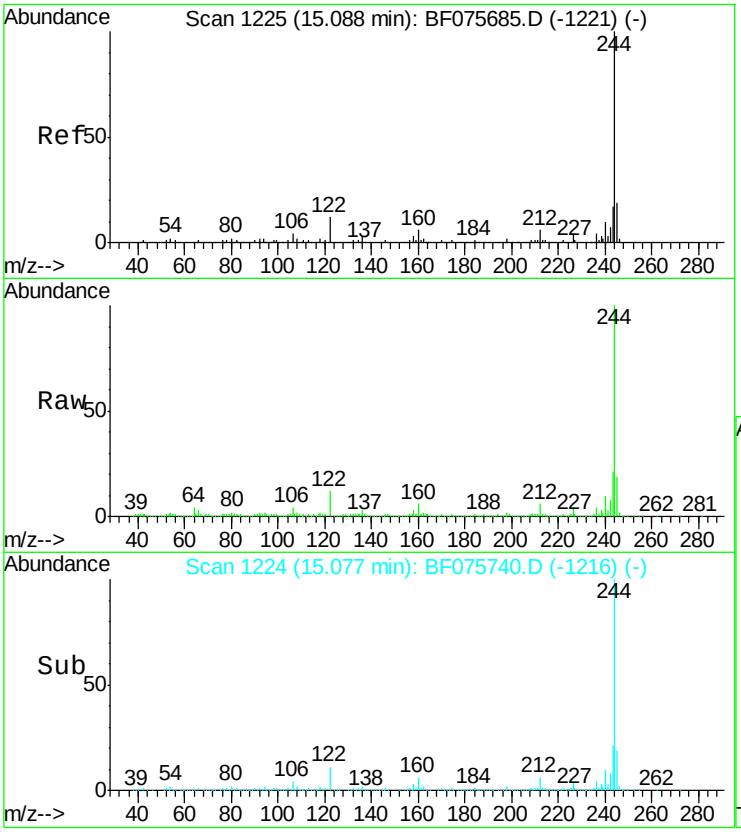


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.38 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:240 Resp: 246218

Ion	Ratio	Lower	Upper
240	100		
120	17.8	9.6	14.4#
236	22.6	18.9	28.3



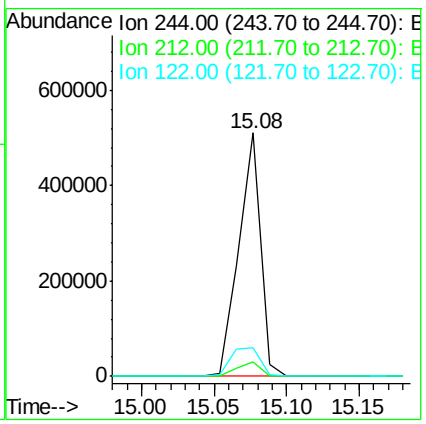


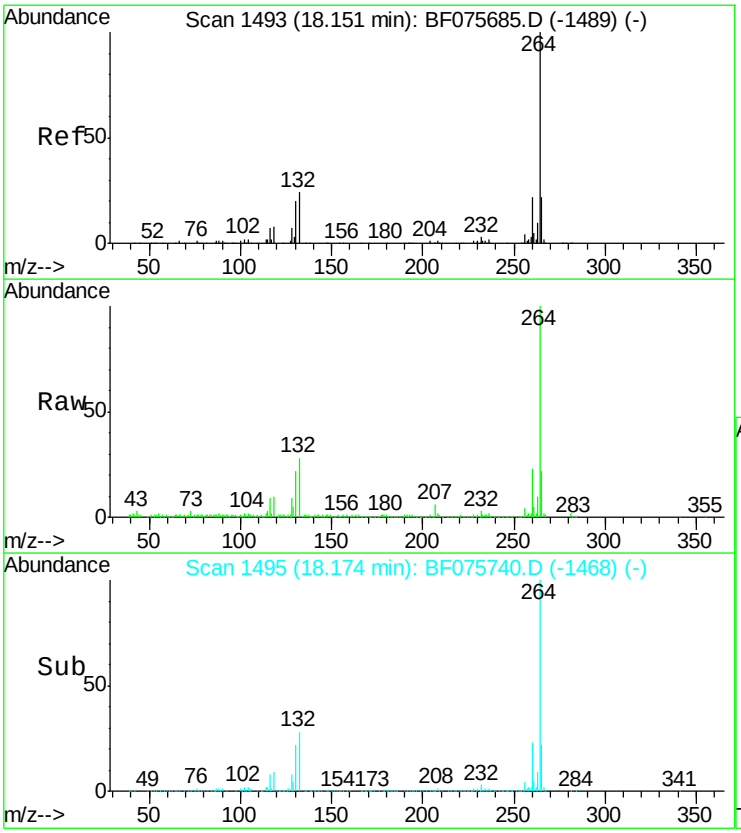
#78
Terphenyl-d14
Concen: 54.01 ng
RT: 15.08 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Instrument :
BNA_F
ClientSampleId :
MW-06-11-14-14

Tgt Ion:244 Resp: 531626

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.5	8.3
122	11.5	9.7	14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.17 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF075740.D
Acq: 21 Nov 2014 7:31

Tgt Ion:264 Resp: 243471

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.9	16.3	24.5