Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
Data File : BF075738.D
Acq On : 21 Nov 2014 6:33
Operator : TP / JJ
Sample : F4761-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WOODBE001-111314-001

Quant Time: Nov 21 07:29:30 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	64104	20.00	ng		-0.01
21) Naphthalene-d8	9.05	136	281947	20.00	ng		-0.01
38) Acenaphthene-d10	11.23	164	138331	20.00	ng		-0.02
63) Phenanthrene-d10	13.08	188	241430	20.00	ng		-0.01
75) Chrysene-d12	16.37	240	252012	20.00	ng		-0.02
86) Perylene-d12	18.14	264	251033	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	337987	81.91	ng		-0.01
7) Phenol-d6	7.03	99	349295	69.61	ng		-0.01
23) Nitrobenzene-d5	8.16	82	259065	56.40	ng		-0.01
41) 2,4,6-Tribromophenol	12.22	330	113188	100.36	ng		-0.01
44) 2-Fluorobiphenyl	10.40	172	518239	58.65	ng		-0.01
78) Terphenyl-d14	15.07	244	566640	56.24	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.92	77	9929	2.57	ng		87
20) 3+4-Methylphenols	7.99	107	12944	2.56	ng	#	53
31) Naphthalene	9.08	128	29627	2.06	ng		98
32) Benzoic acid	8.71	122	8601	3.48	ng	#	77
69) Pentachlorophenol	12.84	266	514	5.12	ng	#	85
76) Benzidine	14.76	184	638	Below Cal		#	1
83) Bis(2-ethylhexyl)phthalate	16.41	149	277521	28.02	ng		97

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

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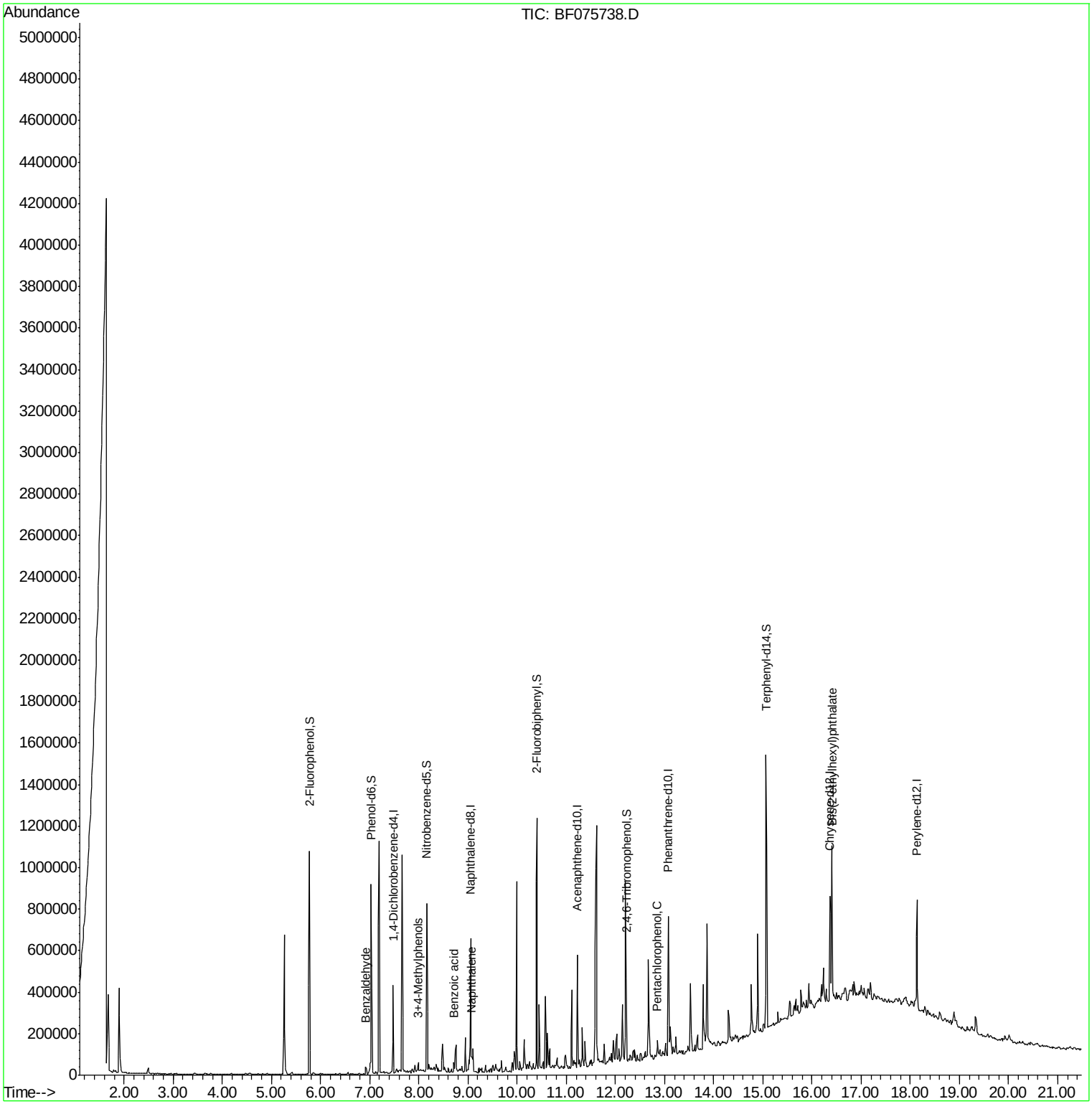
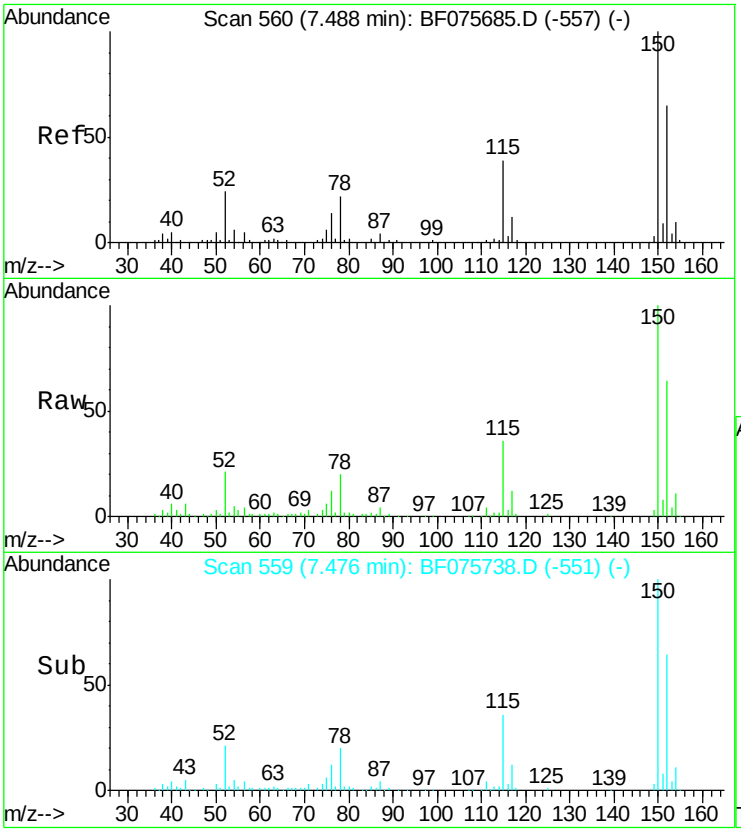


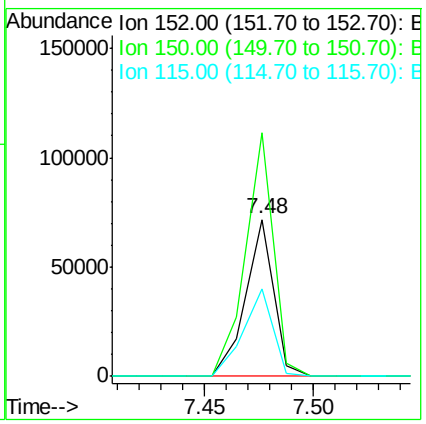


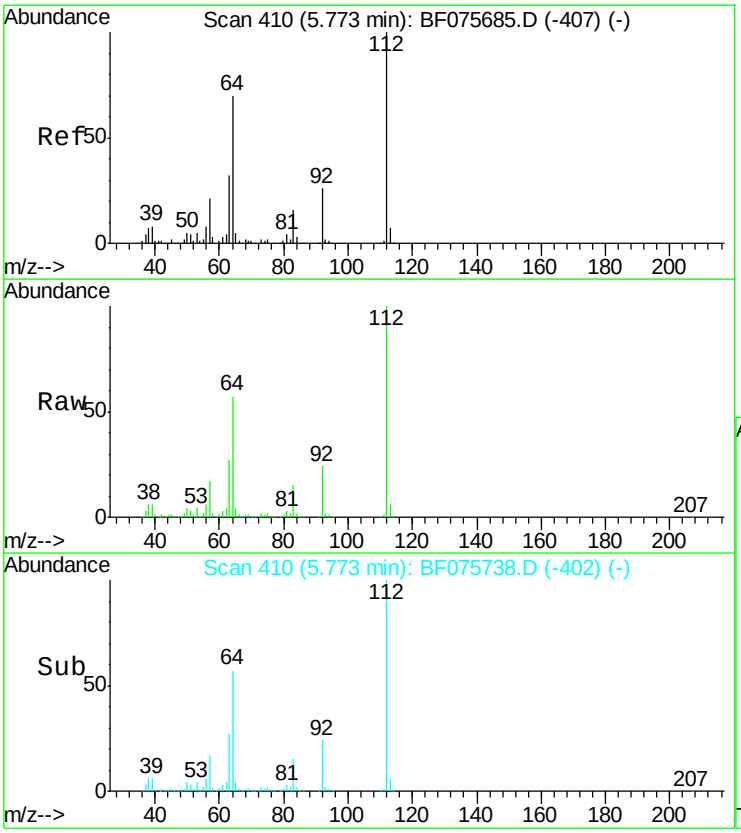
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:152 Resp: 64104

Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.2	190.8
115	55.9	57.1	85.7#

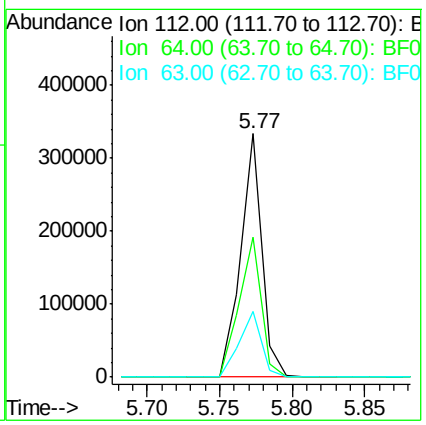


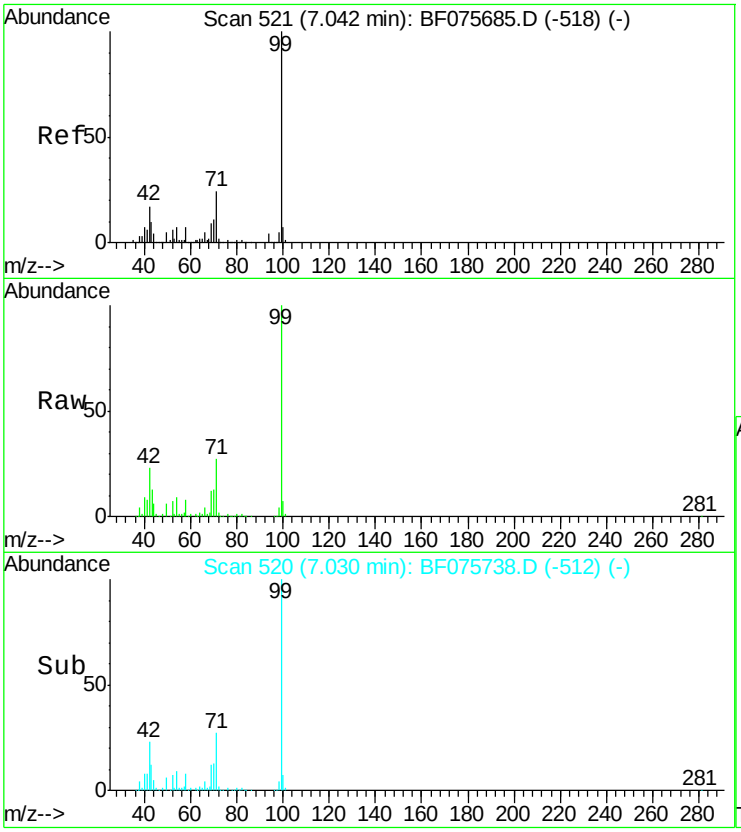


#5
2-Fluorophenol
Concen: 81.91 ng
RT: 5.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:112 Resp: 337987

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.8	68.6
63	26.7	22.7	34.1



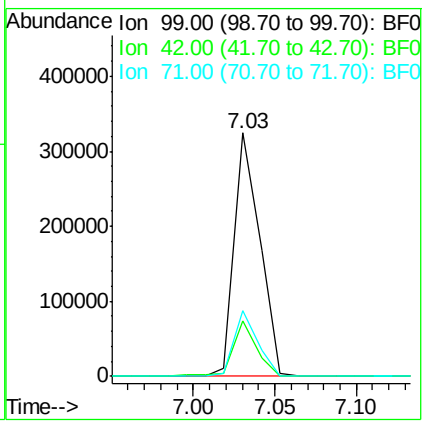


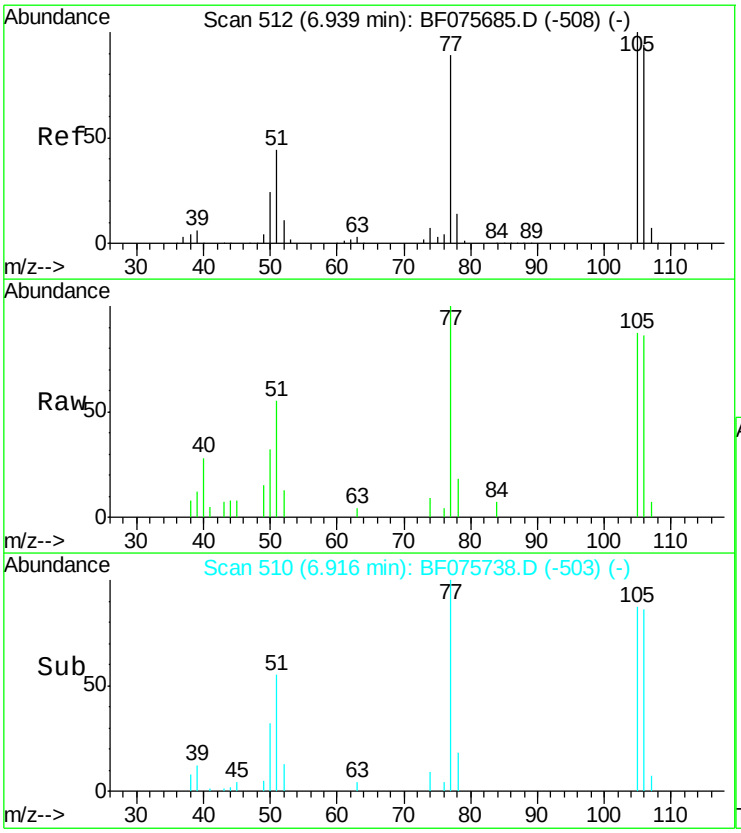
#7
Phenol-d6
Concen: 69.61 ng
RT: 7.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion: 99 Resp: 349295

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.8	29.6
71	27.0	25.5	38.3

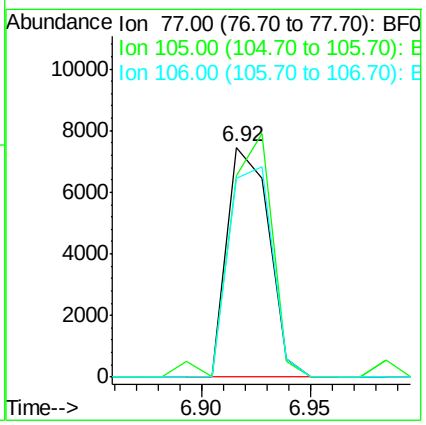


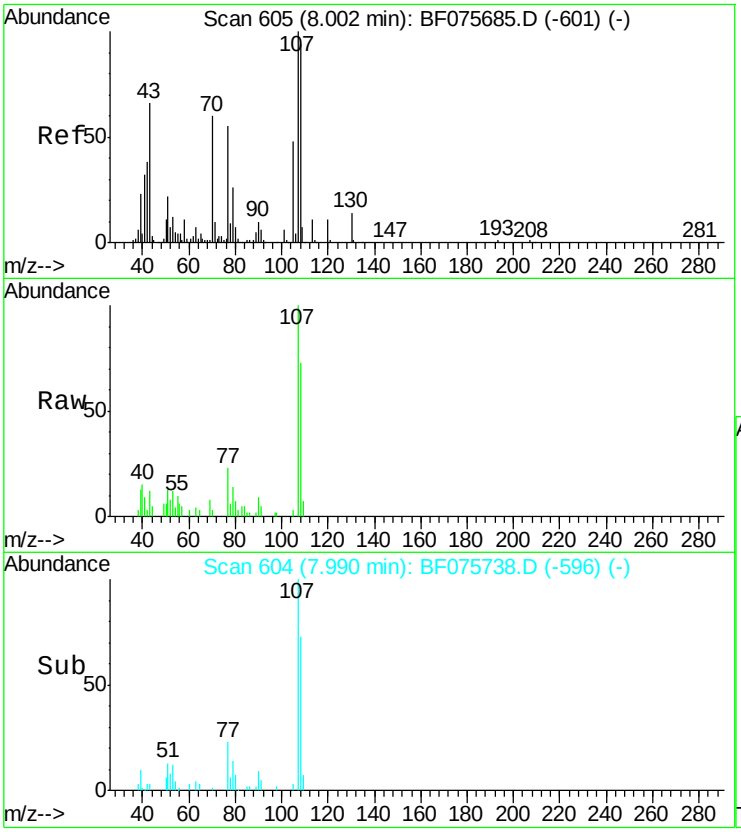


#9
Benzaldehyde
Concen: 2.57 ng
RT: 6.92 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion: 77 Resp: 9929

Ion	Ratio	Lower	Upper
77	100		
105	87.4	81.6	121.6
106	86.4	77.5	117.5



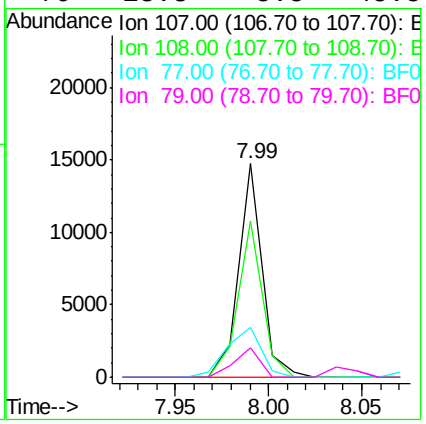


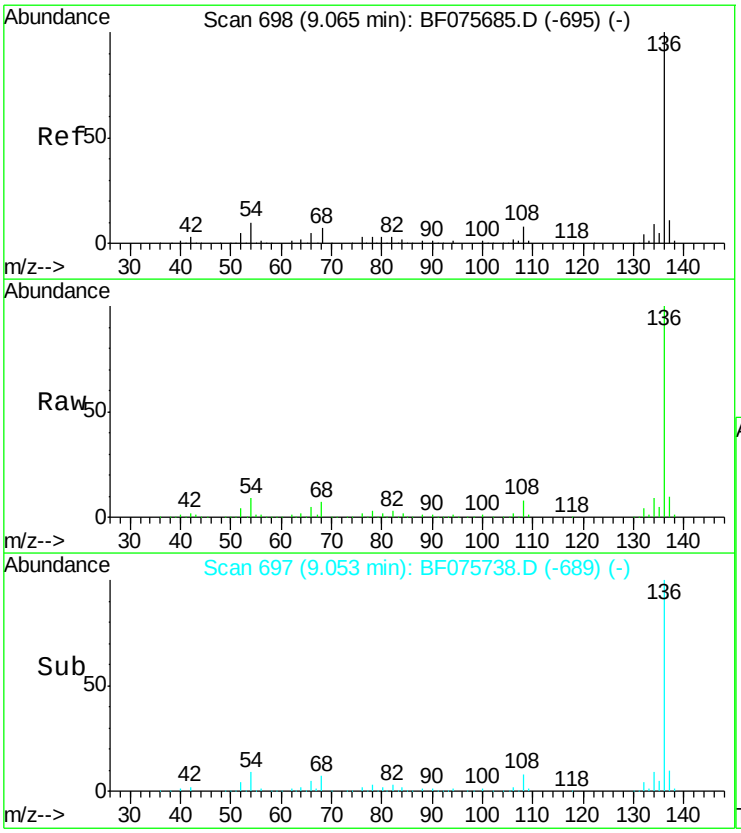
#20
3+4-Methylphenols
Concen: 2.56 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:107 Resp: 12944

Ion	Ratio	Lower	Upper
107	100		
108	73.1	69.6	109.6
77	23.4	84.4	124.4#
79	13.8	5.5	45.5

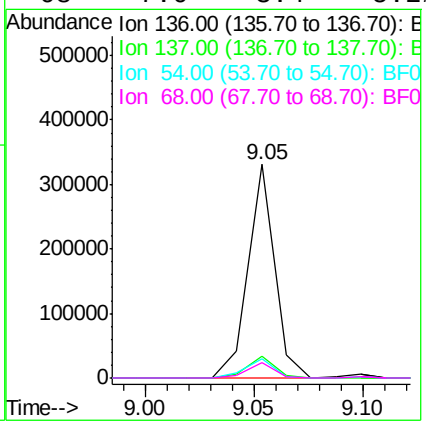


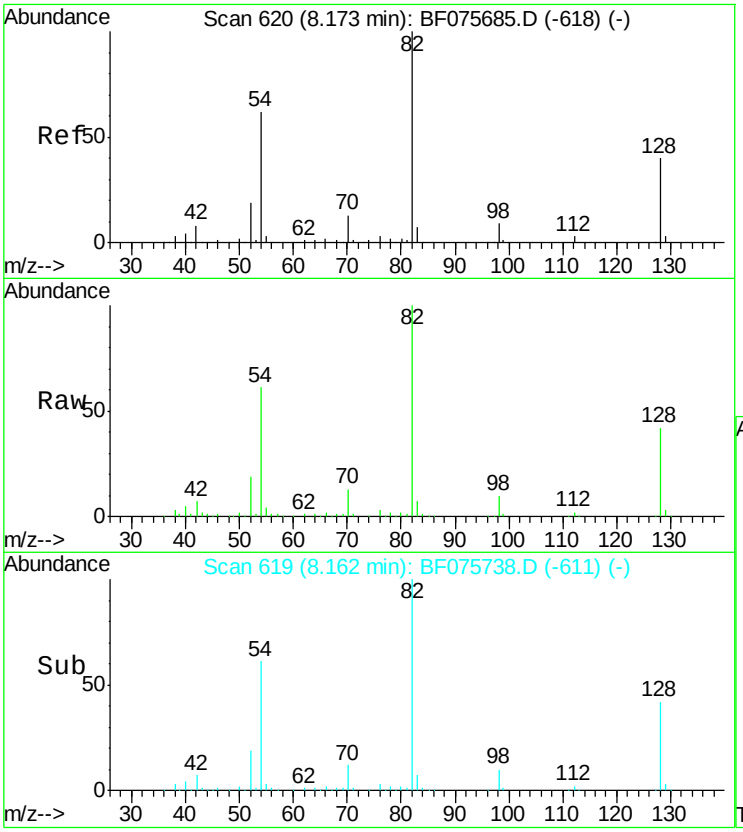


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:136 Resp: 281947

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	9.1	6.2	9.4
68	7.0	3.4	5.2#



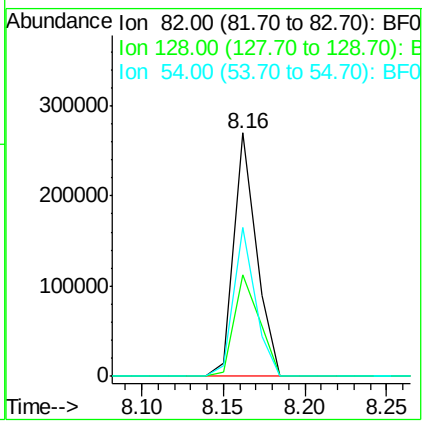


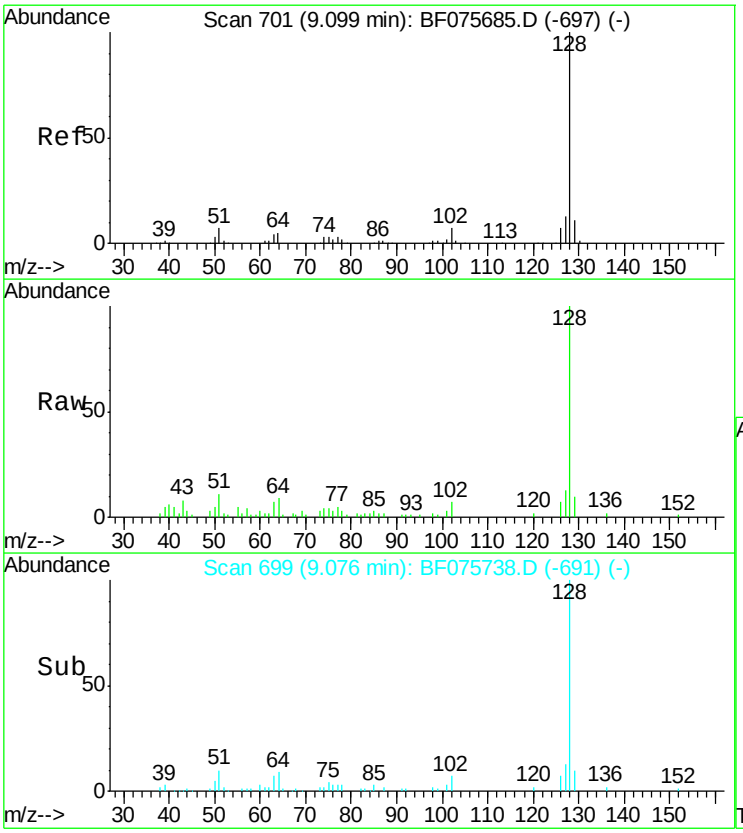
#23
Nitrobenzene-d5
Concen: 56.40 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion: 82 Resp: 259065

Ion	Ratio	Lower	Upper
82	100		
128	41.7	37.8	56.6
54	61.4	49.8	74.8

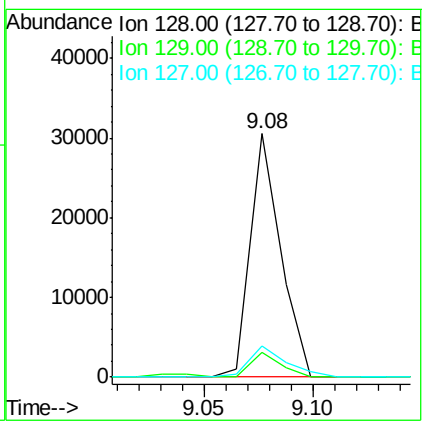


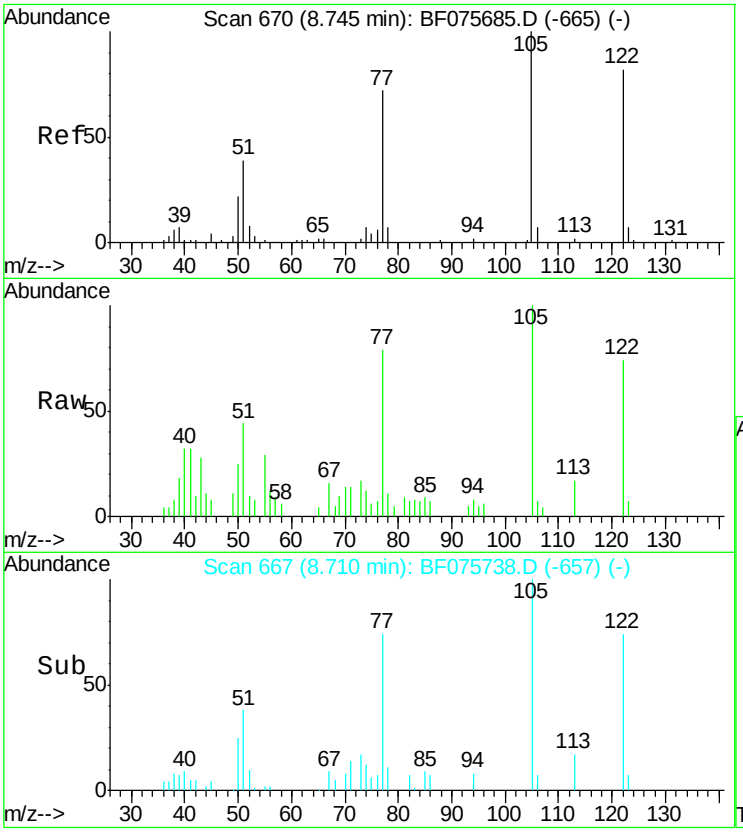


#31
Naphthalene
Concen: 2.06 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:128 Resp: 29627

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.4
127	13.0	10.2	15.4



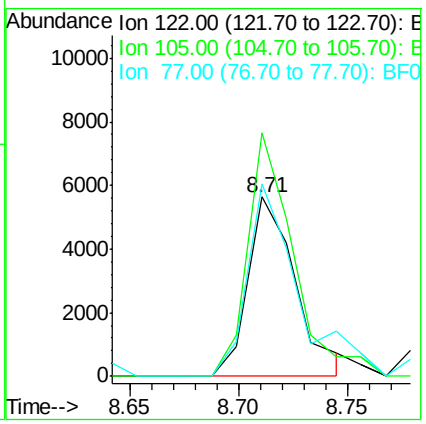


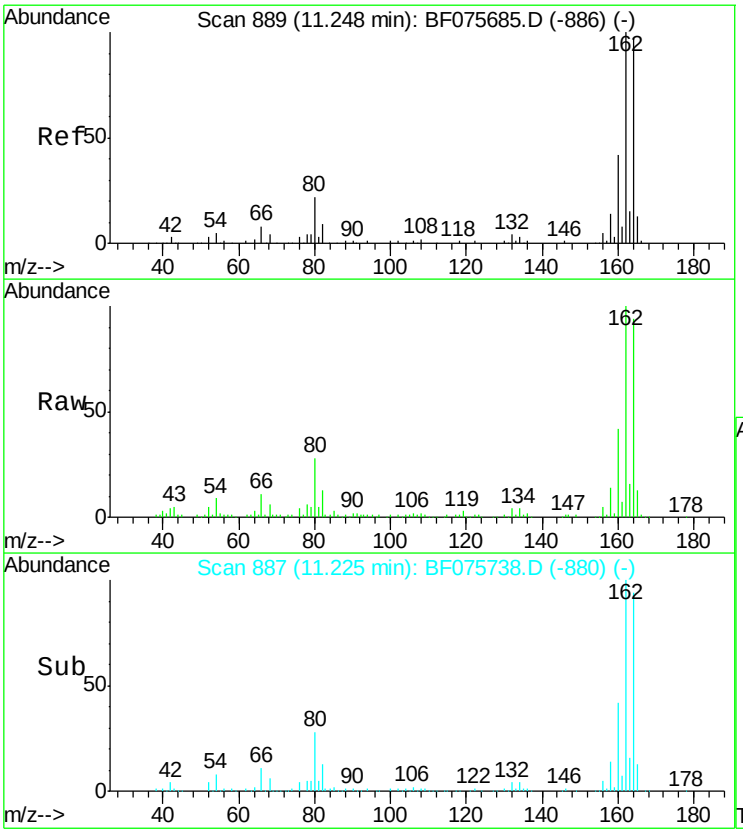
#32
Benzoic acid
Concen: 3.48 ng
RT: 8.71 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:122 Resp: 8601

Ion	Ratio	Lower	Upper
122	100		
105	135.8	95.1	135.1#
77	107.2	62.6	102.6#

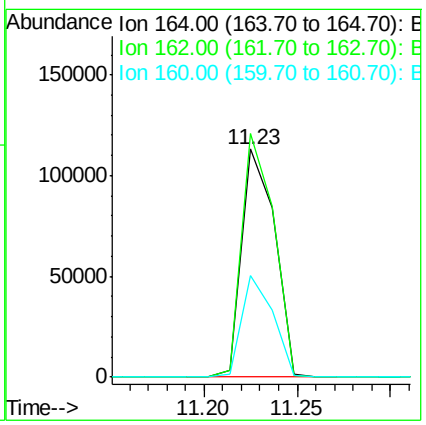


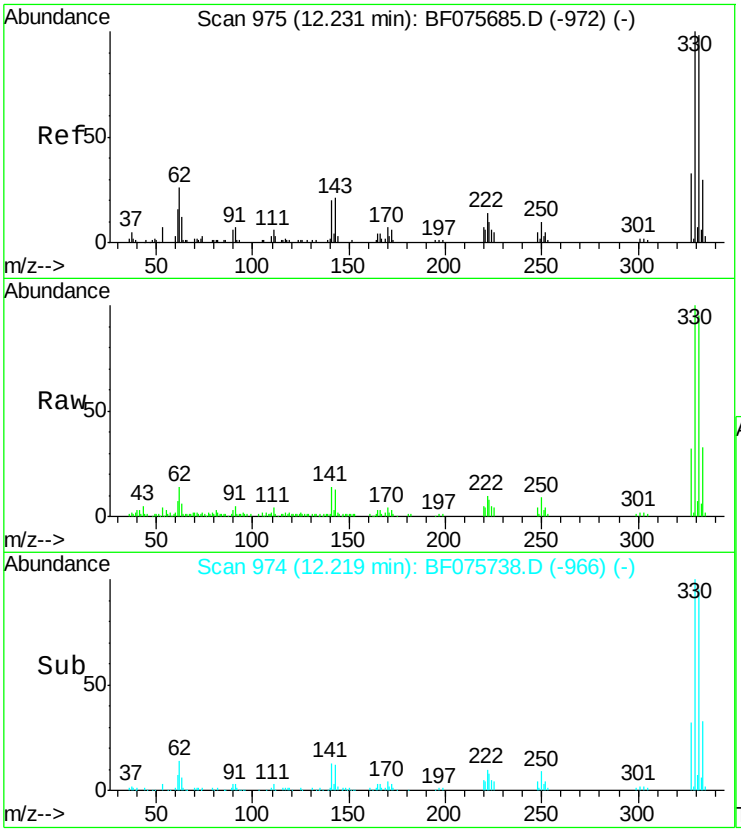


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:164 Resp: 138331

Ion	Ratio	Lower	Upper
164	100		
162	106.9	79.1	118.7
160	44.8	34.6	51.8



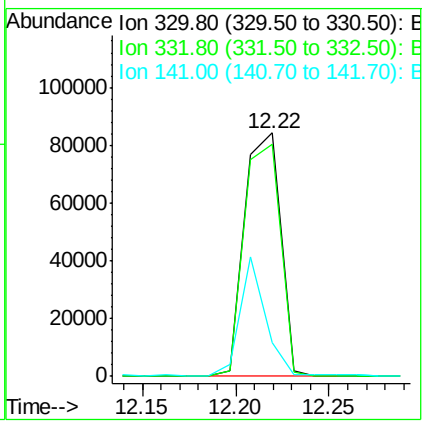


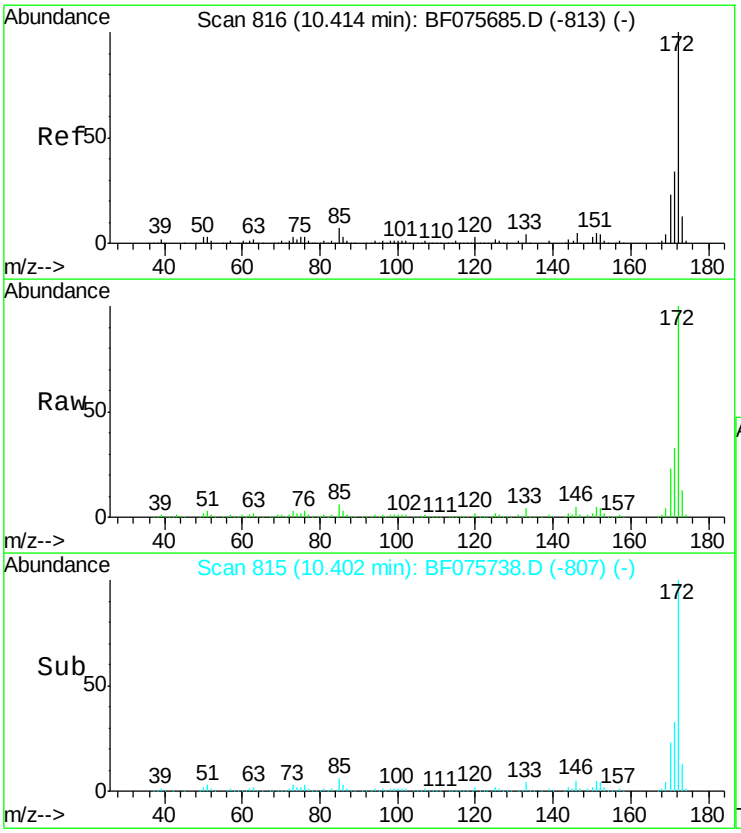
#41
2,4,6-Tribromophenol
Concen: 100.36 ng
RT: 12.22 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:330 Resp: 113188

Ion	Ratio	Lower	Upper
330	100		
332	96.4	74.5	111.7
141	34.5	30.7	46.1

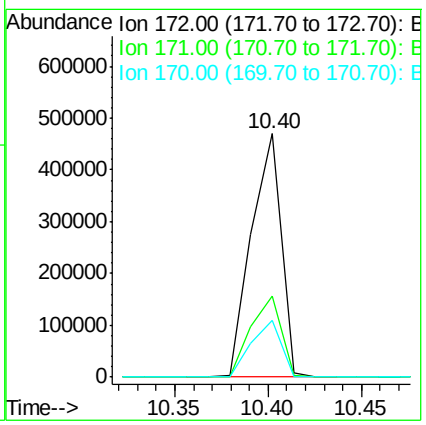


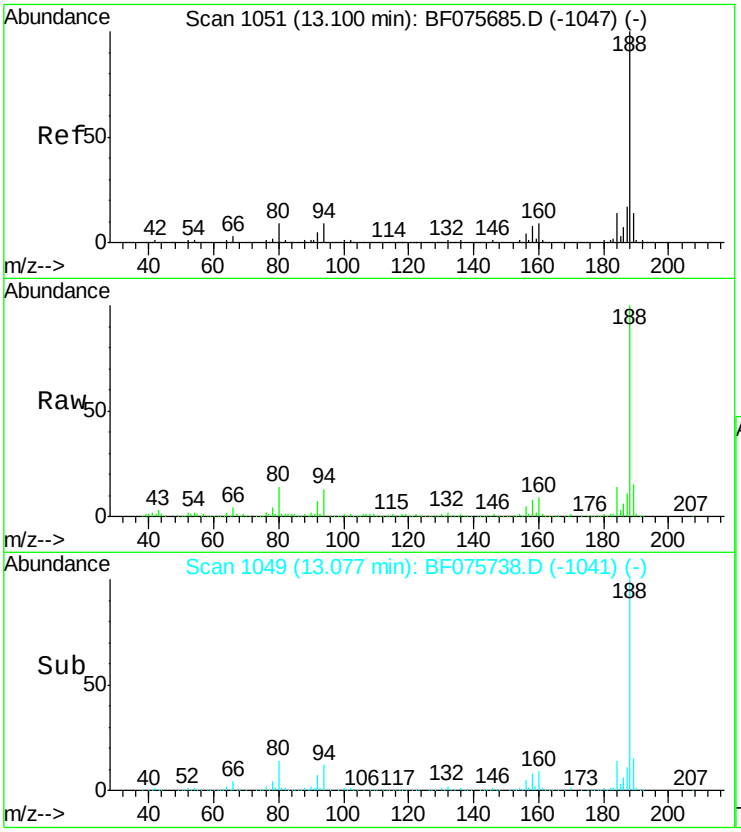


#44
2-Fluorobiphenyl
Concen: 58.65 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:172 Resp: 518239

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.3	40.9
170	23.1	18.4	27.6



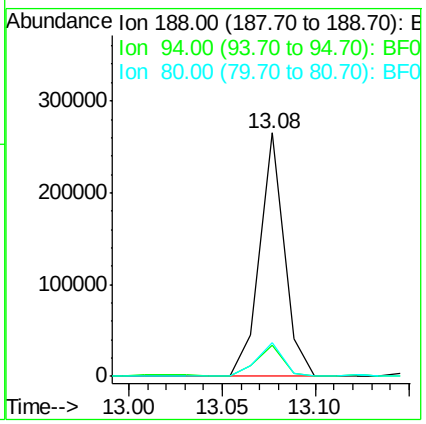


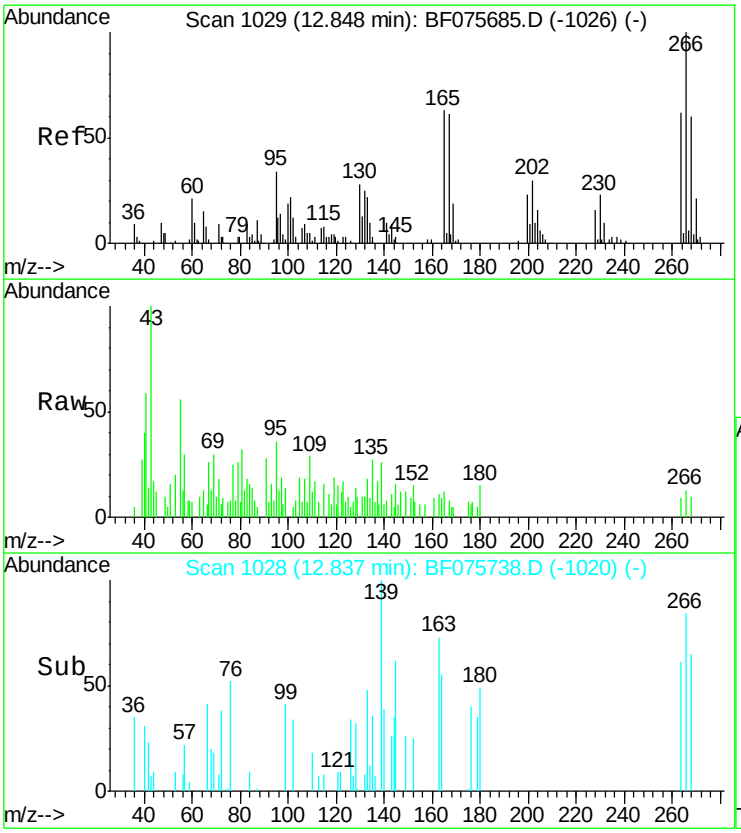
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:188 Resp: 241430

Ion	Ratio	Lower	Upper
188	100		
94	12.7	7.8	11.6#
80	13.8	8.0	12.0#

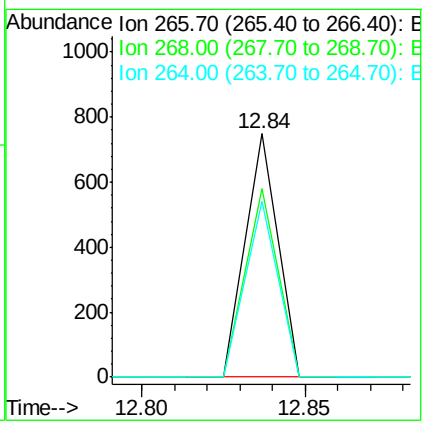


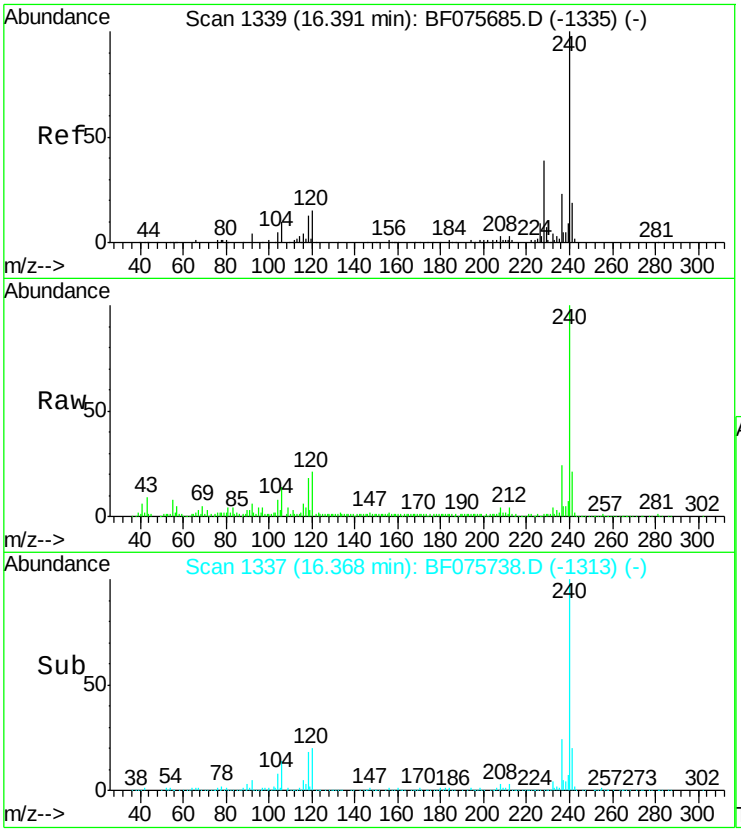


#69
Pentachlorophenol
Concen: 5.12 ng
RT: 12.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:266 Resp: 514

Ion	Ratio	Lower	Upper
266	100		
268	77.6	48.6	73.0#
264	72.5	52.1	78.1



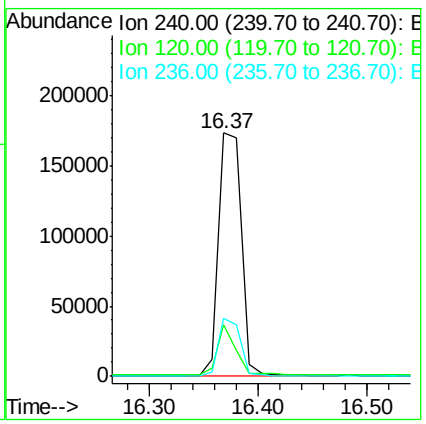


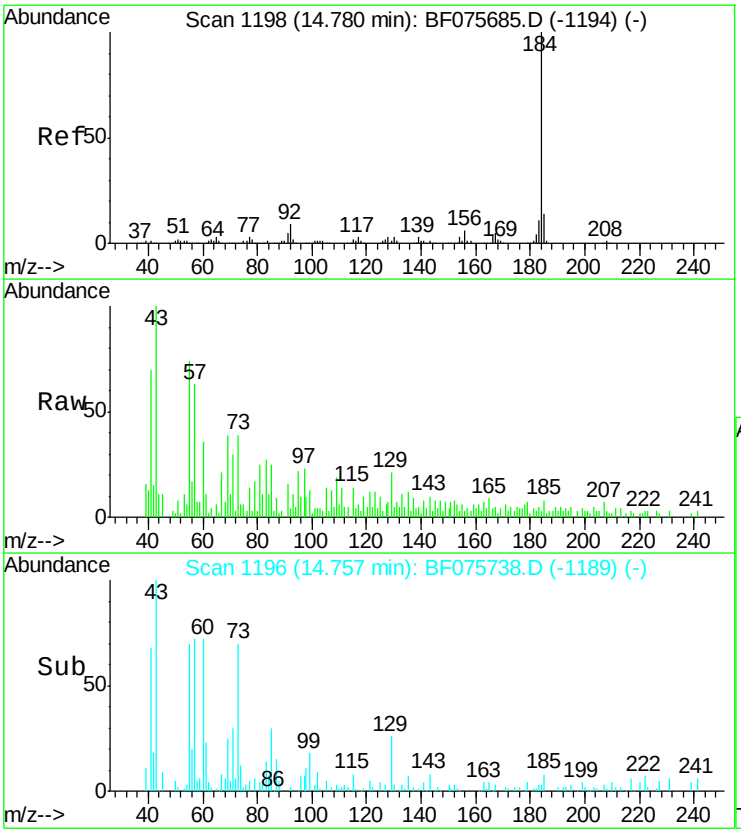
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:240 Resp: 252012

Ion	Ratio	Lower	Upper
240	100		
120	21.0	9.6	14.4#
236	23.7	18.9	28.3

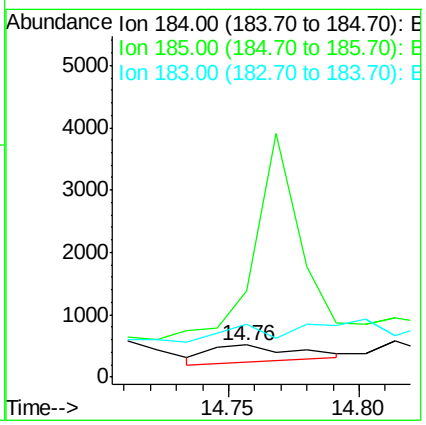


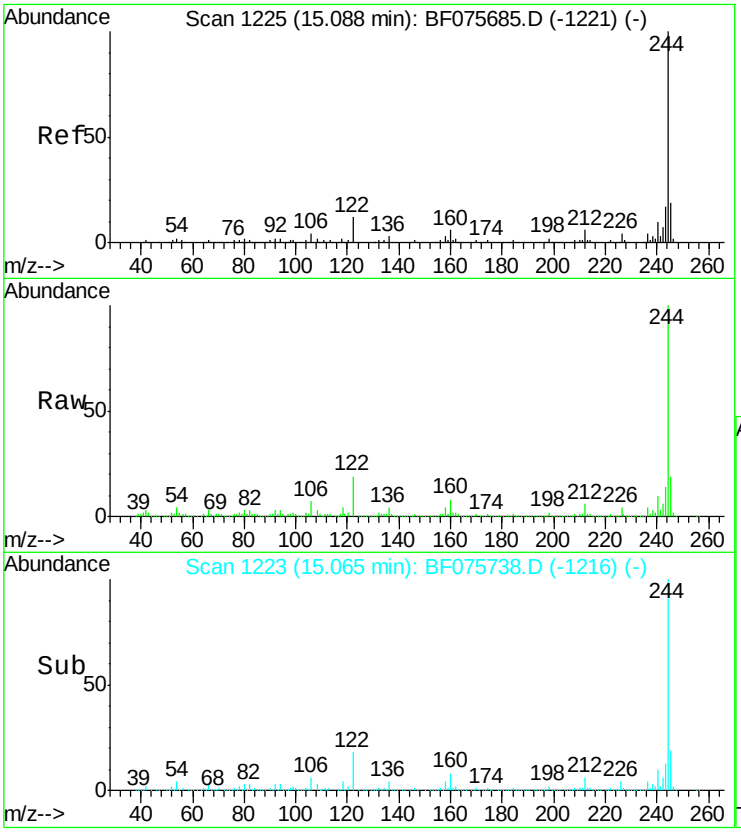


#76
Benzidine
Concen: Below Cal
RT: 14.76 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:184 Resp: 638

Ion	Ratio	Lower	Upper
184	100		
185	269.3	10.9	16.3#
183	165.4	8.7	13.1#



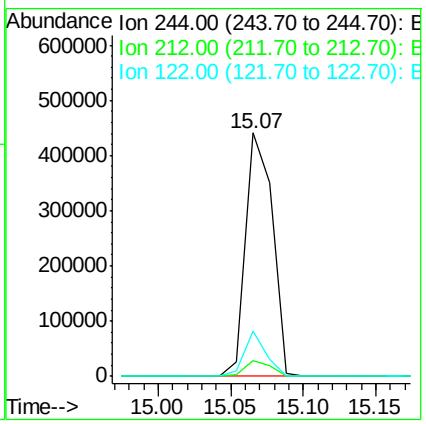


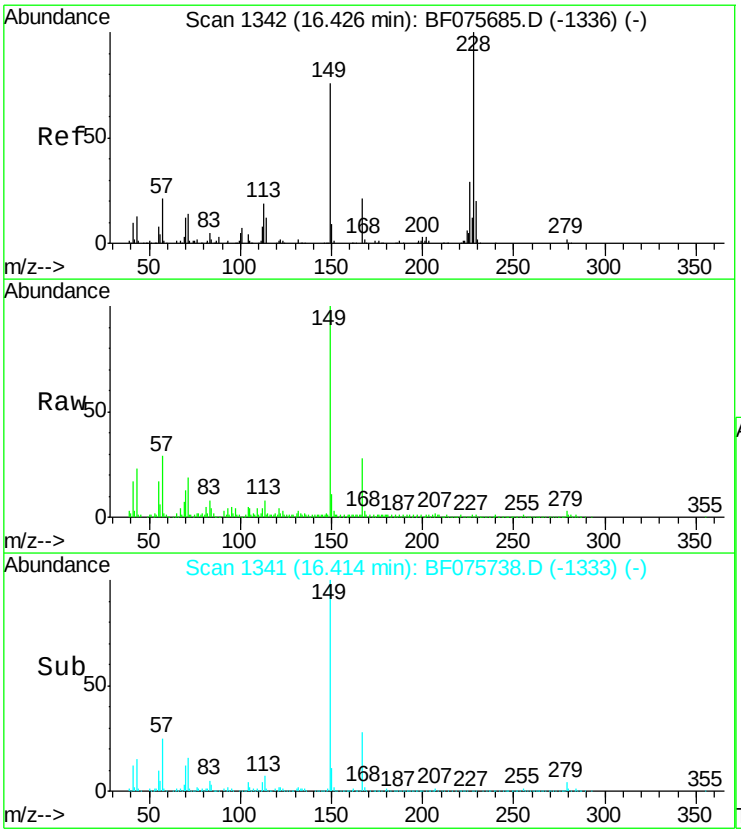
#78
Terphenyl-d14
Concen: 56.24 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:244 Resp: 566640

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	18.5	9.7	14.5#

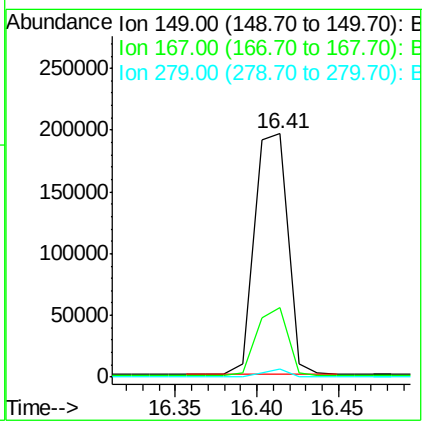


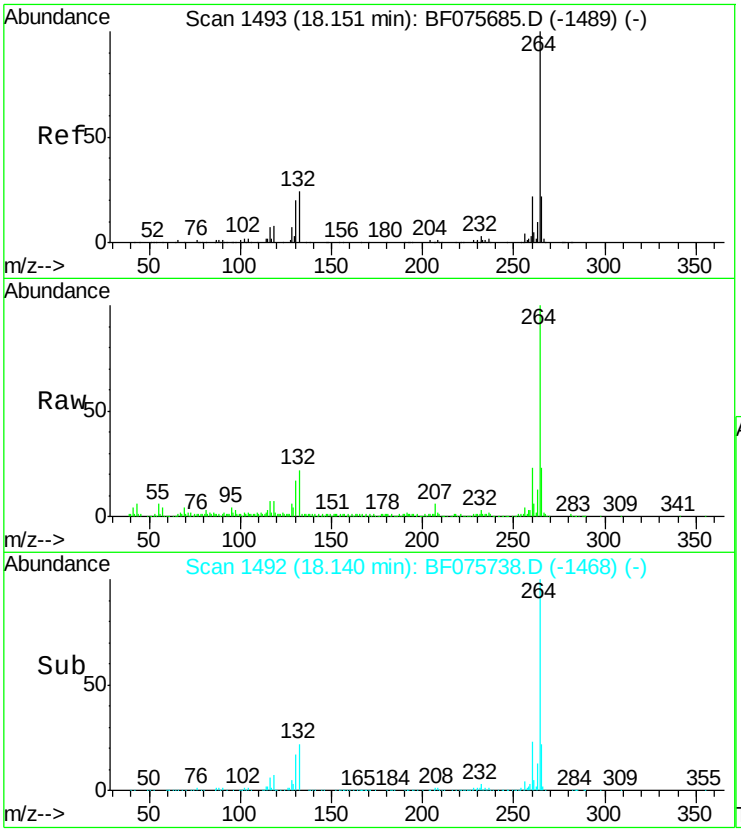


#83
Bis(2-ethylhexyl)phthalate
Concen: 28.02 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Tgt Ion:149 Resp: 277521

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.4	32.2
279	3.5	2.8	4.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.14 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF075738.D
Acq: 21 Nov 2014 6:33

Instrument :
BNA_F
ClientSampleId :
P001-WOODBE001-111314-001

Tgt Ion:264 Resp: 251033

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	22.5	16.3	24.5