Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Time: Dec 24 07:57:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45794	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	182019	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	81697	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	121368	20.00	ng	0.00
75) Chrysene-d12	13.99	240	87093	20.00	ng	-0.01
86) Perylene-d12	15.41	264	83459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	101121	37.65	ng	0.01
7) Phenol-d6	6.49	99	14143m	4.48	ng	0.01
23) Nitrobenzene-d5	7.39	82	196092	66.18	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	81471	103.68	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	422643	69.62	ng	-0.01
78) Terphenyl-d14	12.93	244	299416	81.99	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.49	93	45173	10.34	ng	# 84
17) 2-Methylphenol	7.10	107	18607	7.55	ng	# 91
20) 3+4-Methylphenols	7.26	107	318988	104.92	ng	# 44
31) Naphthalene	8.13	128	49702m	5.35	ng	
37) 2-Methylnaphthalene	8.83	142	360964	59.94	ng	98
49) Dimethylphthalate	9.58	163	24186	3.78	ng	# 74
54) Dibenzofuran	10.08	168	16290	2.22	ng	# 68
83) Bis(2-ethylhexyl)phthalate	13.97	149	12253	3.25	ng	# 84

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

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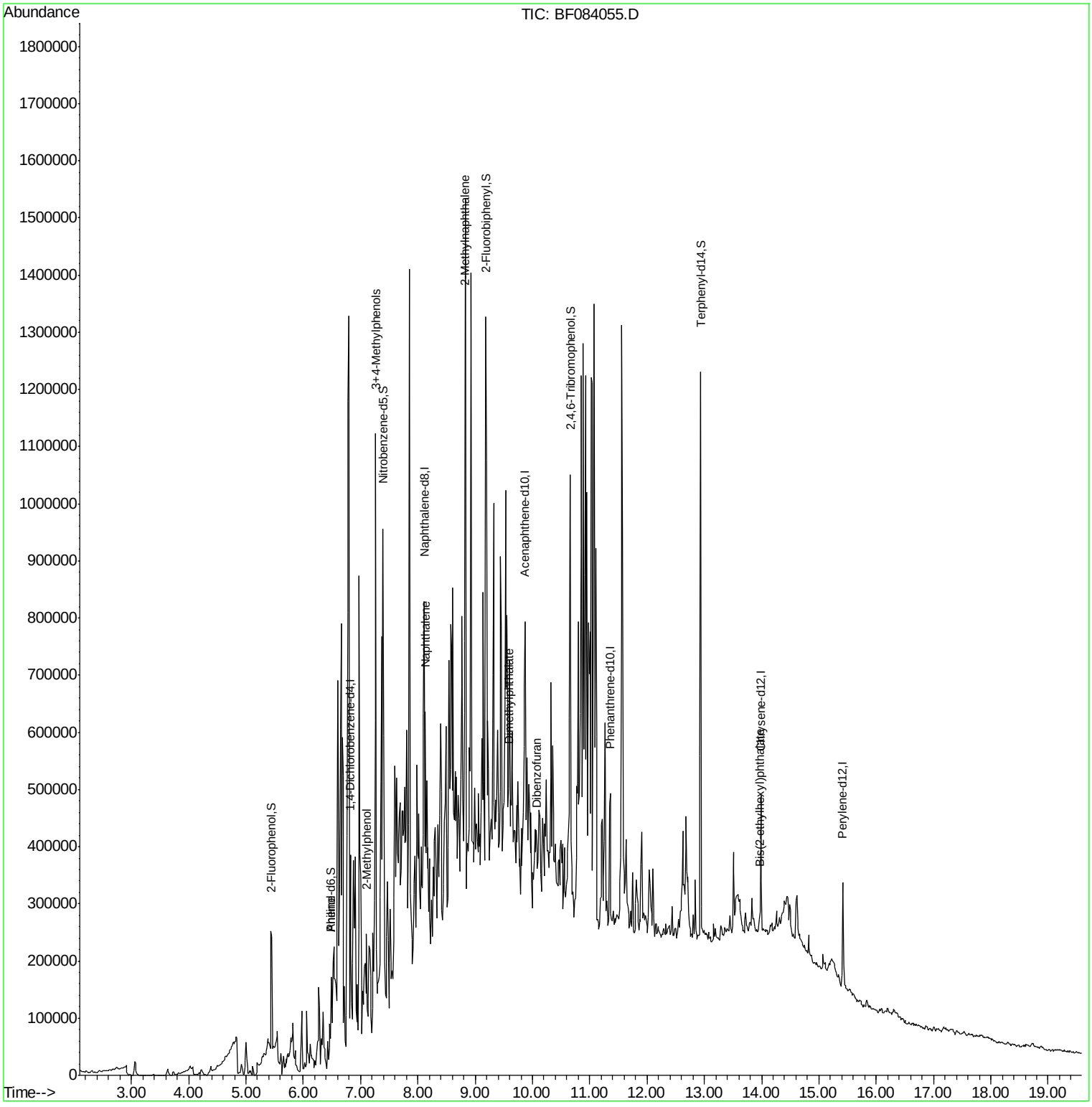
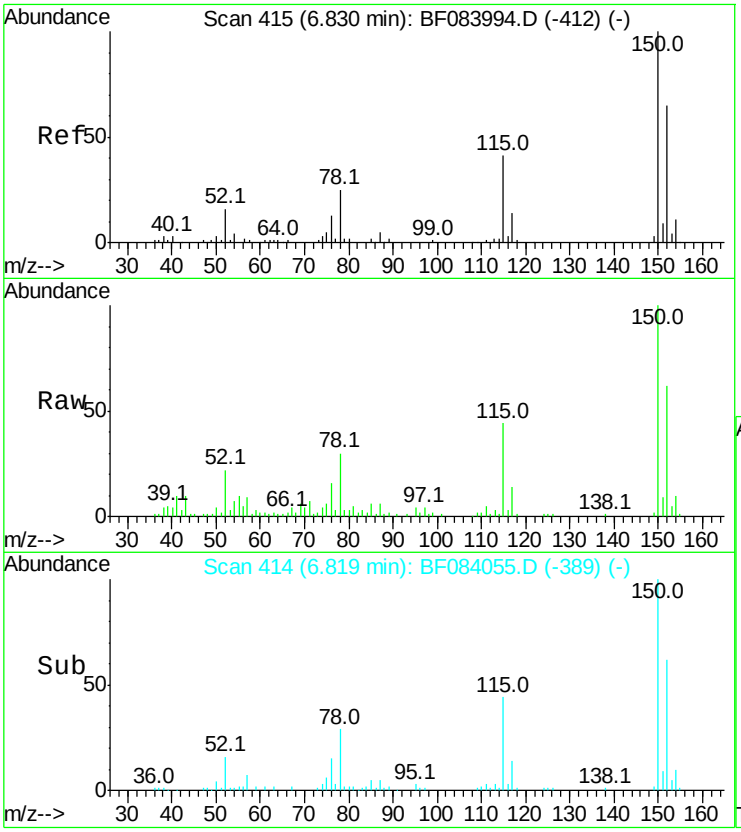


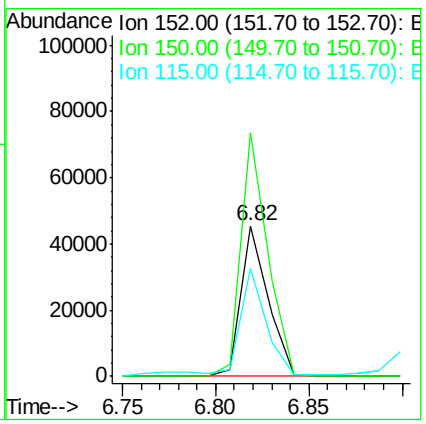


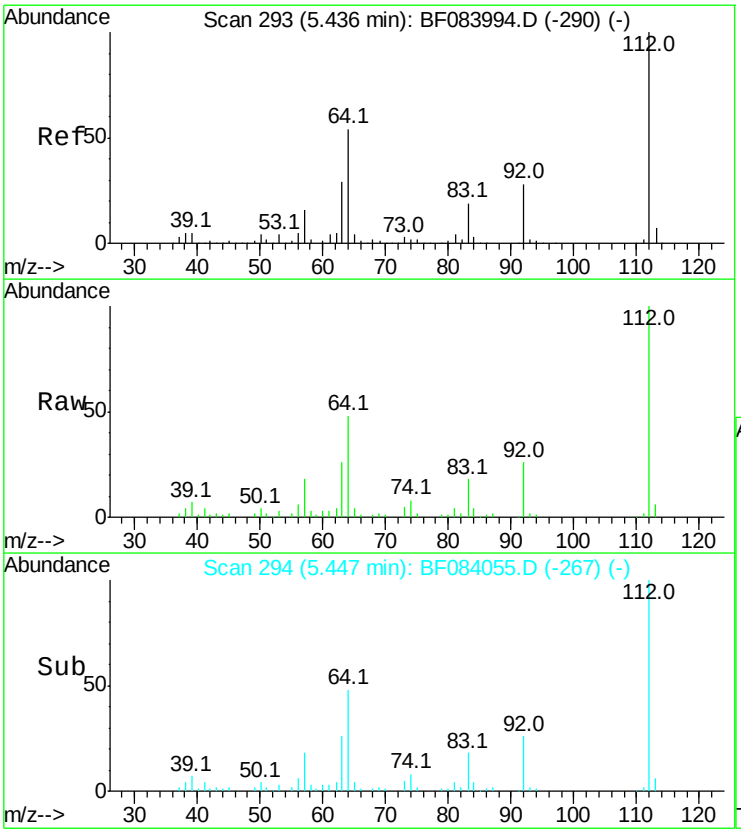
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 45794

Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.0	184.4
115	71.4	51.4	77.2

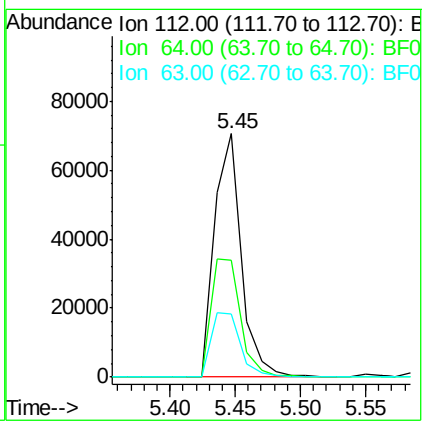


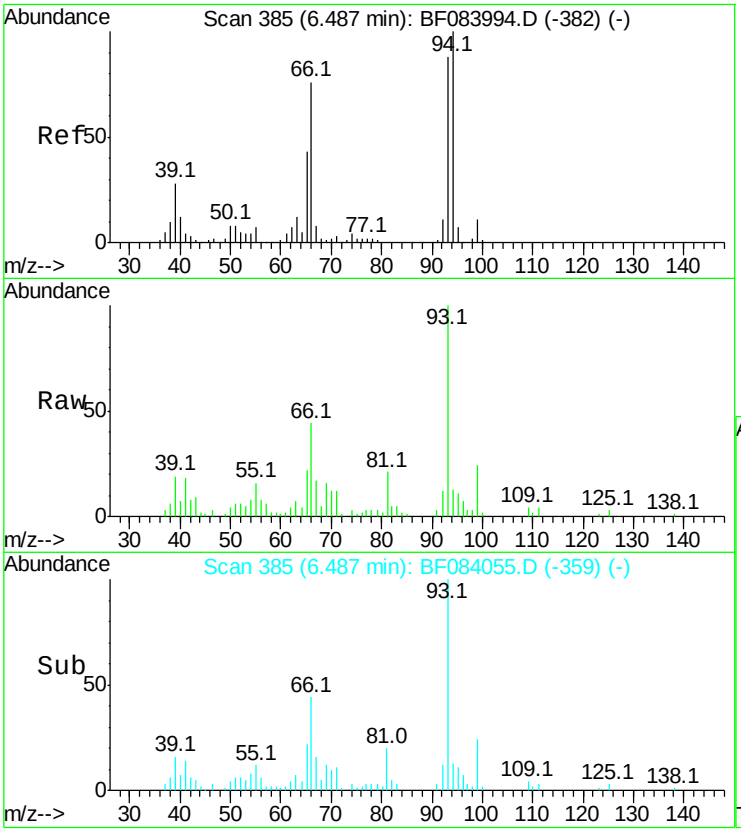


#5
2-Fluorophenol
Concen: 37.65 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:112 Resp: 101121

Ion	Ratio	Lower	Upper
112	100		
64	47.9	36.6	55.0
63	25.7	19.4	29.0



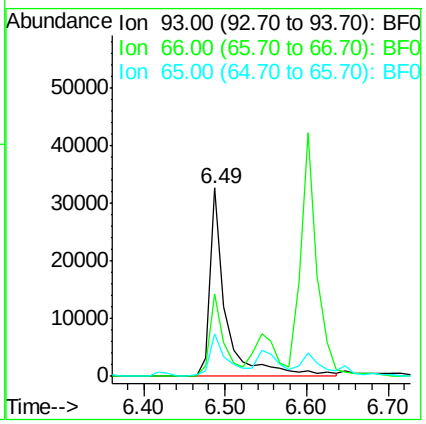


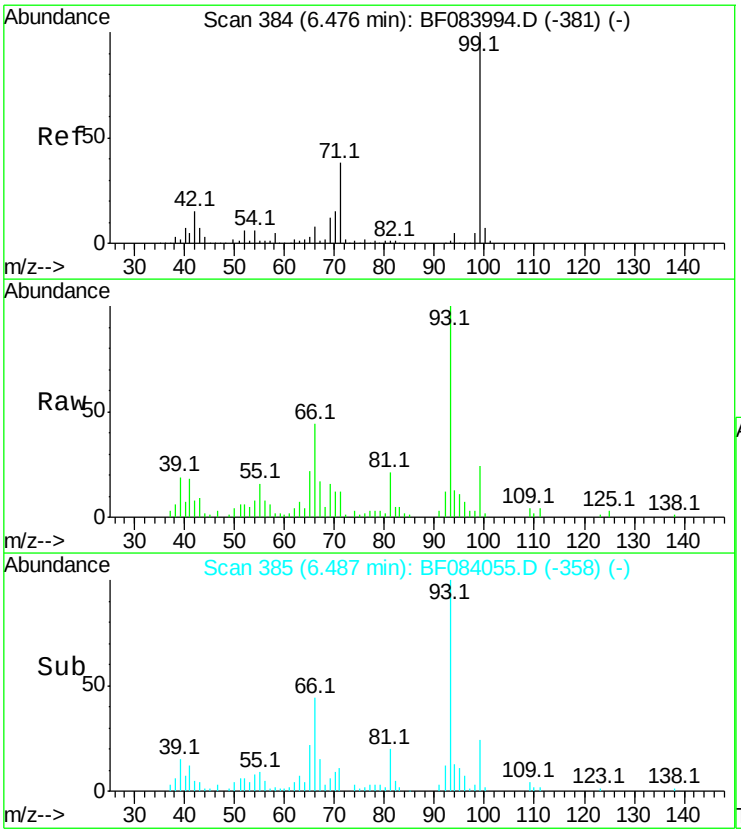
#6
Aniline
Concen: 10.34 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 93 Resp: 45173

Ion	Ratio	Lower	Upper
93	100		
66	43.9	44.9	67.3#
65	22.4	23.7	35.5#

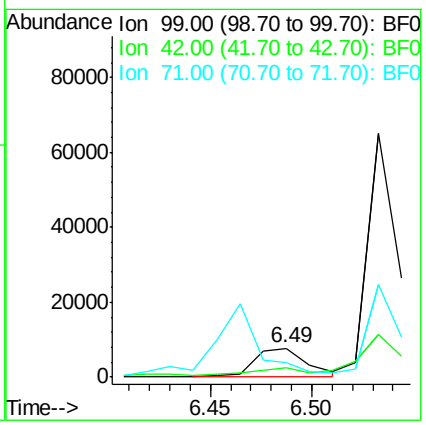


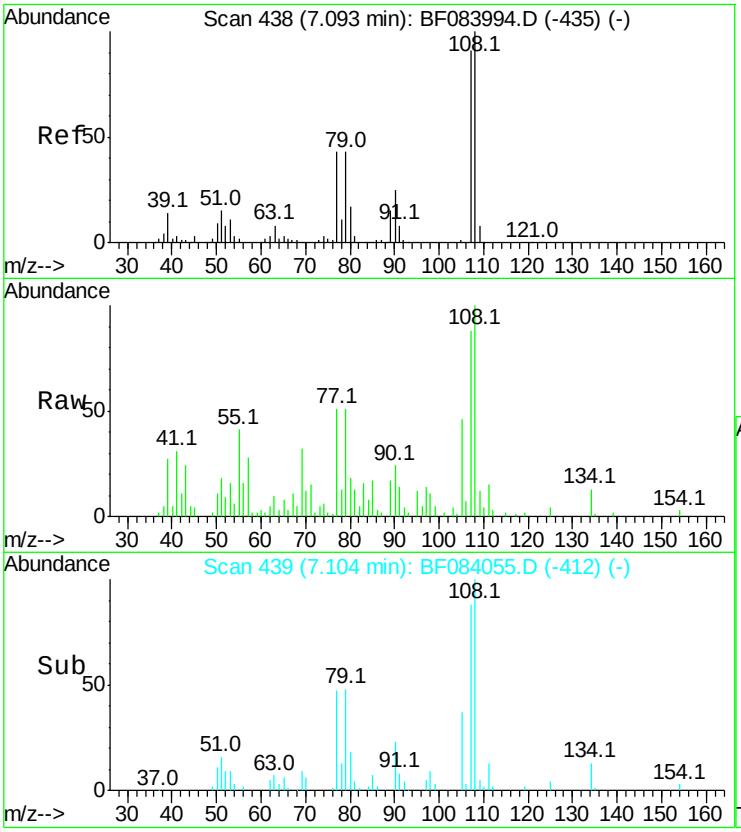


#7
Phenol-d6
Concen: 4.48 ng m
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion: 99 Resp: 14143

Ion	Ratio	Lower	Upper
99	100		
42	31.5	12.8	19.2#
71	51.7	30.9	46.3#



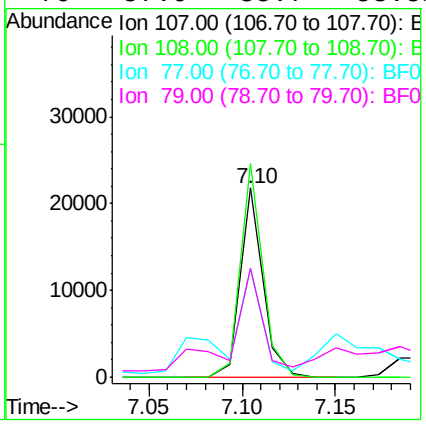


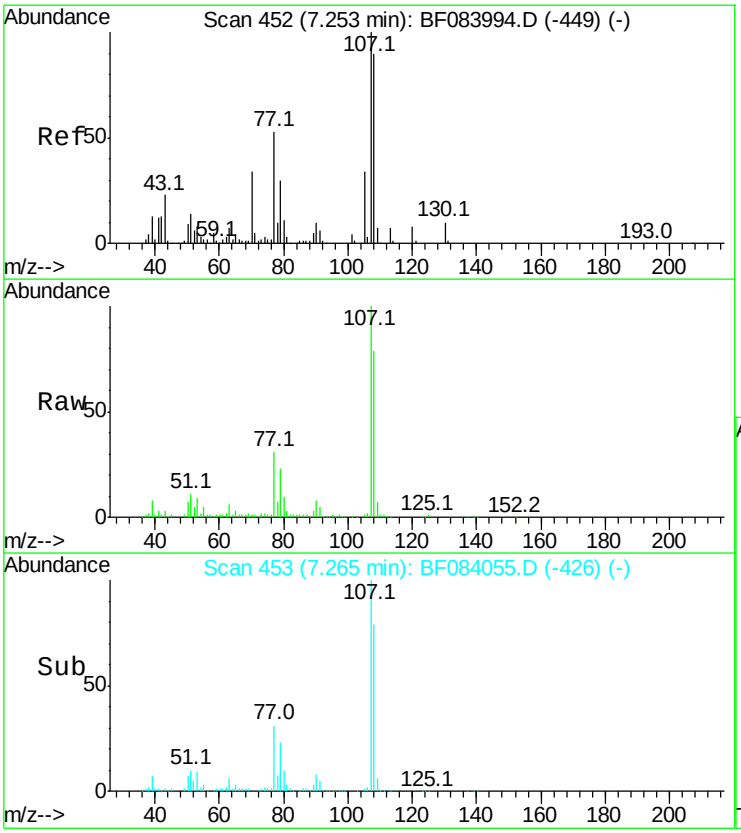
#17
2-Methylphenol
Concen: 7.55 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:107 Resp: 18607

Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.8	134.6
77	57.9	35.7	53.5#
79	57.9	35.7	53.5#

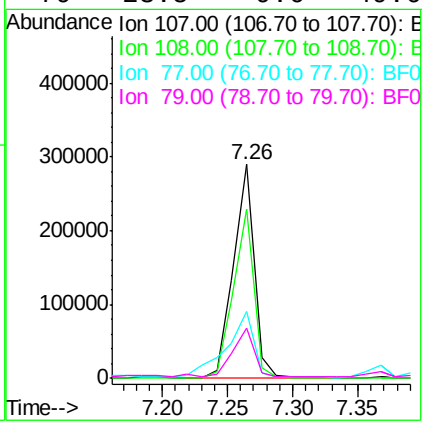


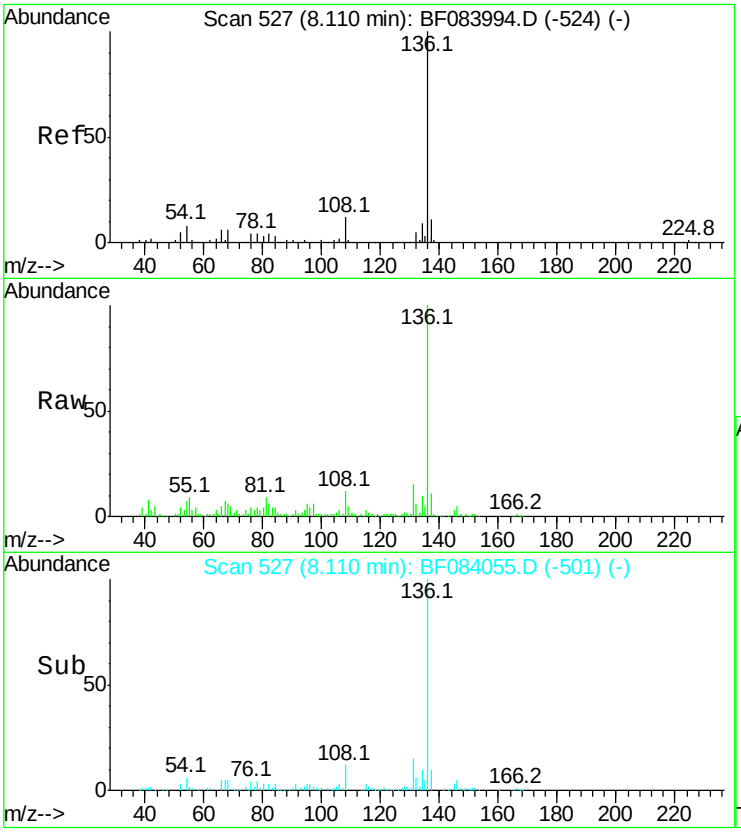


#20
3+4-Methylphenols
Concen: 104.92 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:107 Resp: 318988

Ion	Ratio	Lower	Upper
107	100		
108	79.3	64.1	104.1
77	31.4	128.9	168.9#
79	23.5	9.6	49.6



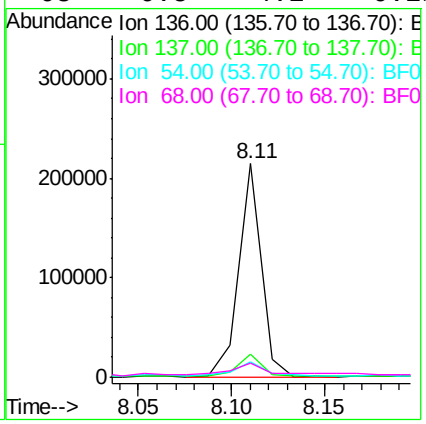


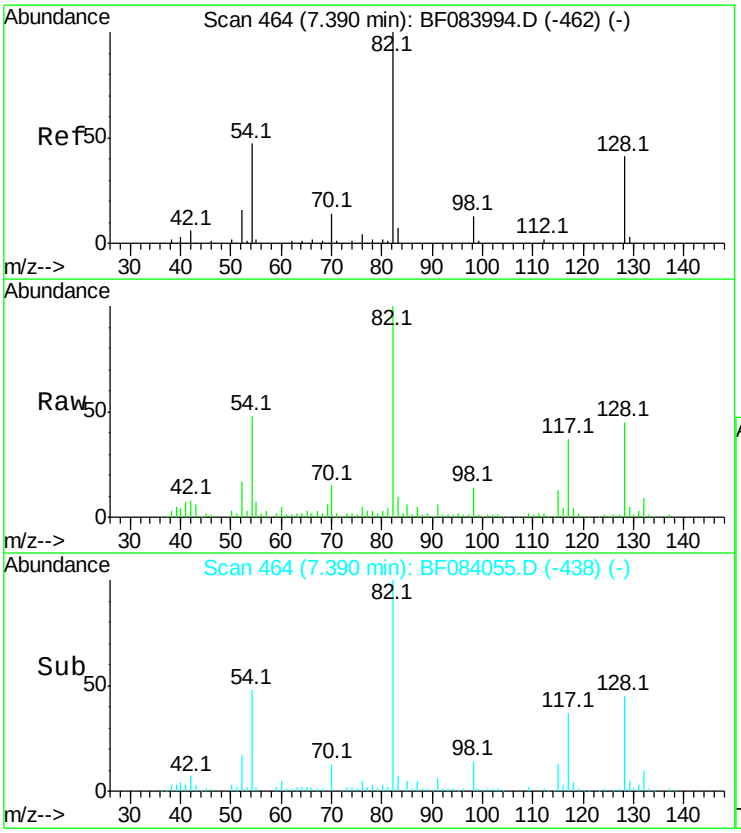
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:136 Resp: 182019

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.4	5.8	8.8
68	6.5	4.2	6.2#

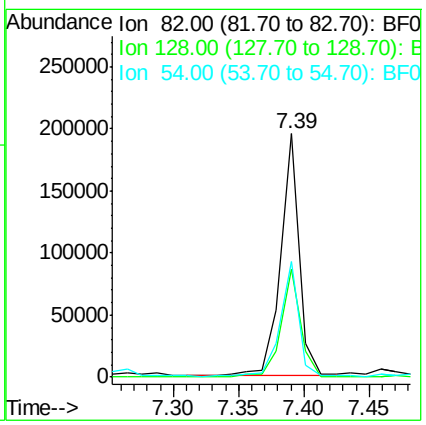


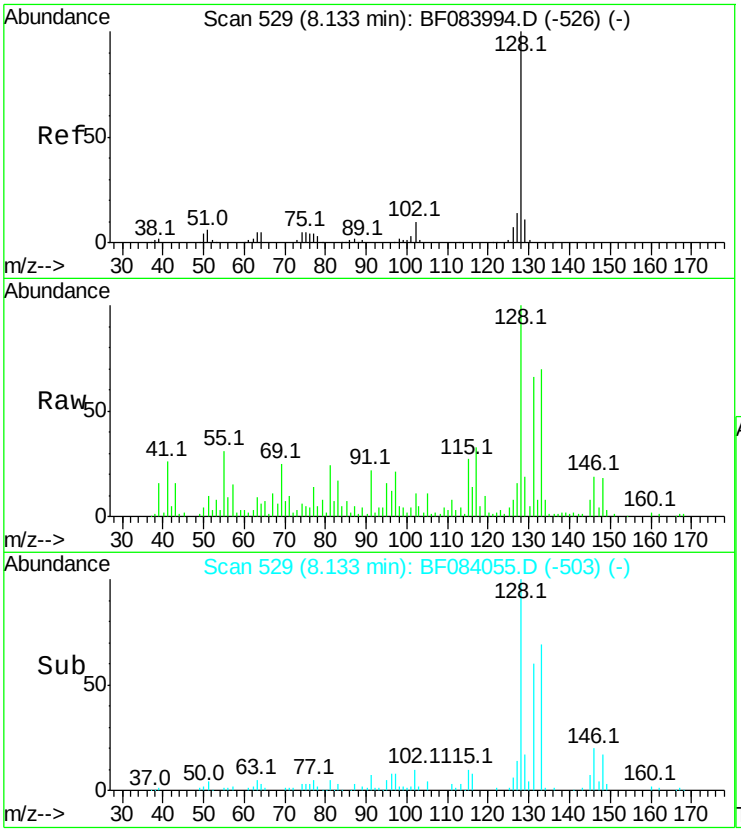


#23
Nitrobenzene-d5
Concen: 66.18 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion: 82 Resp: 196092

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	47.6	38.4	57.6



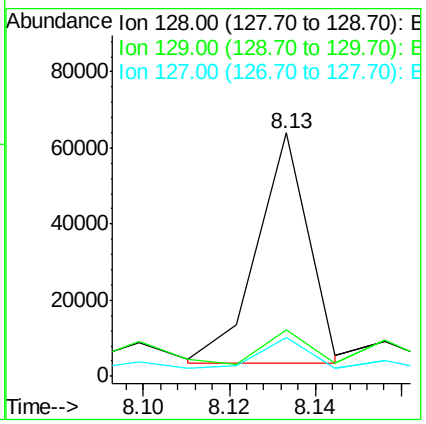


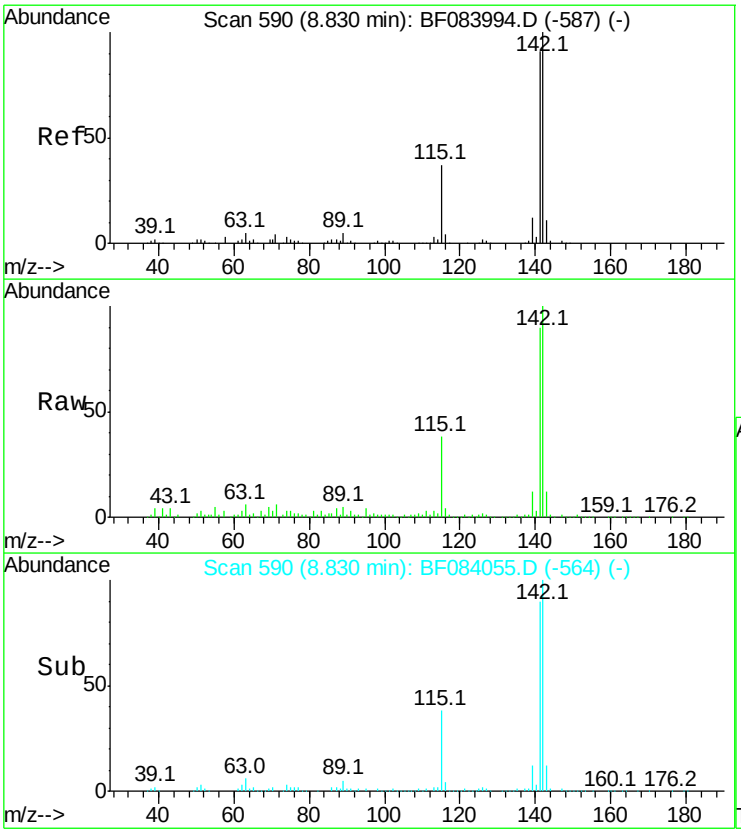
#31
Naphthalene
Concen: 5.35 ng m
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:128 Resp: 49702

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.1	13.7#
127	15.8	11.1	16.7

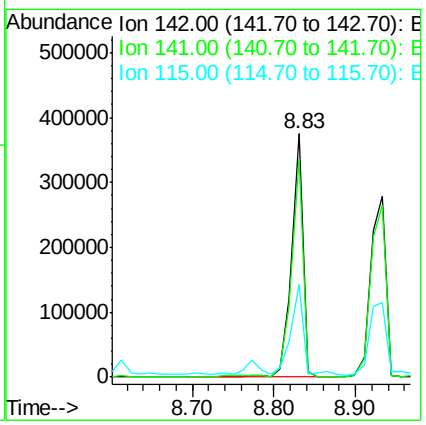


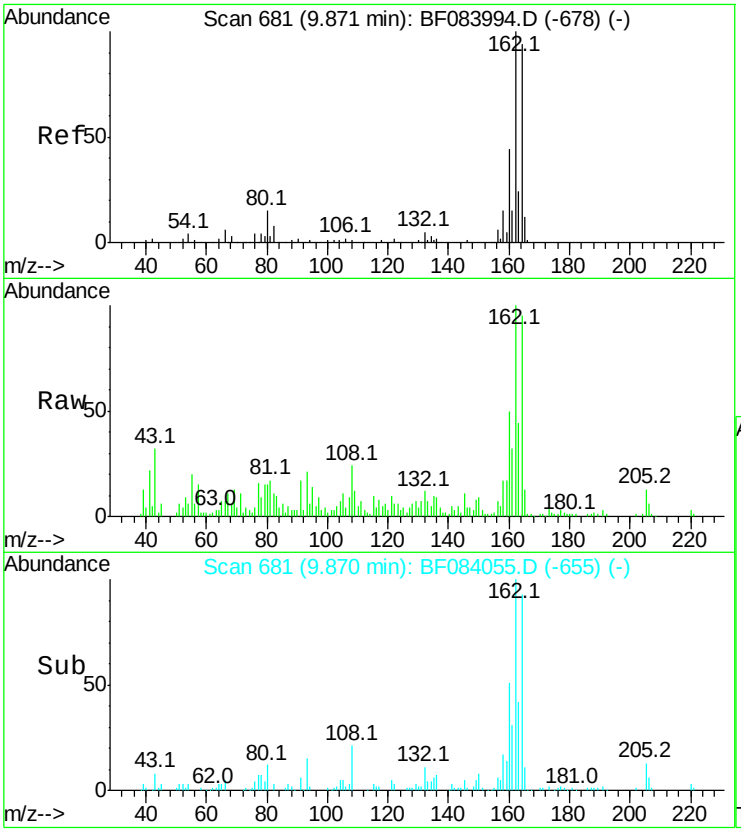


#37
2-Methylnaphthalene
Concen: 59.94 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:142 Resp: 360964

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	38.1	27.9	41.9



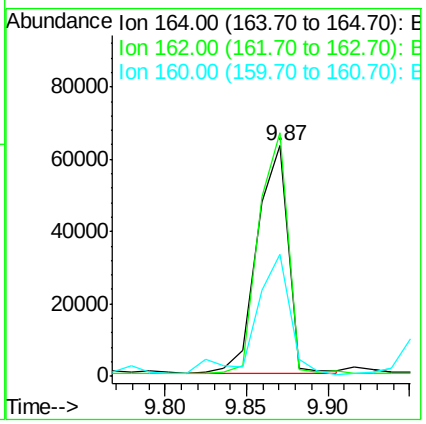


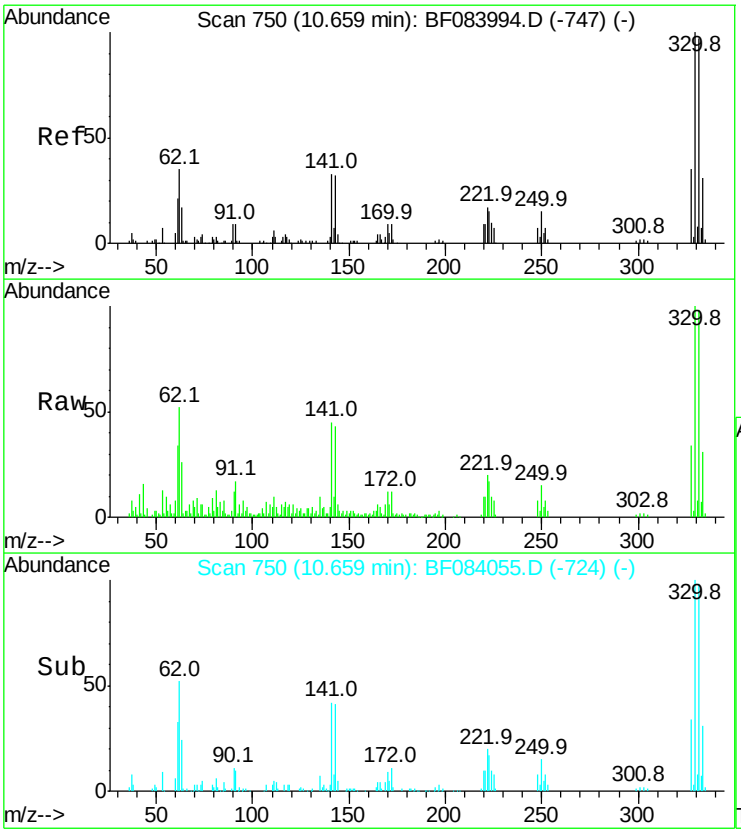
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 81697

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	53.1	37.5	56.3

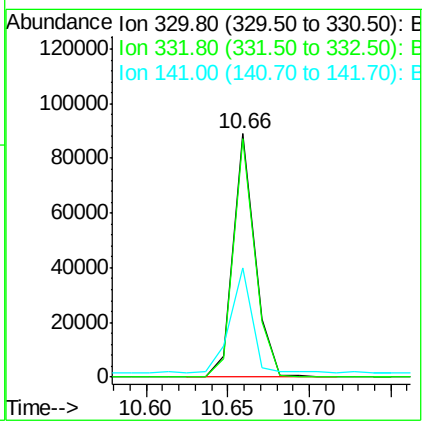


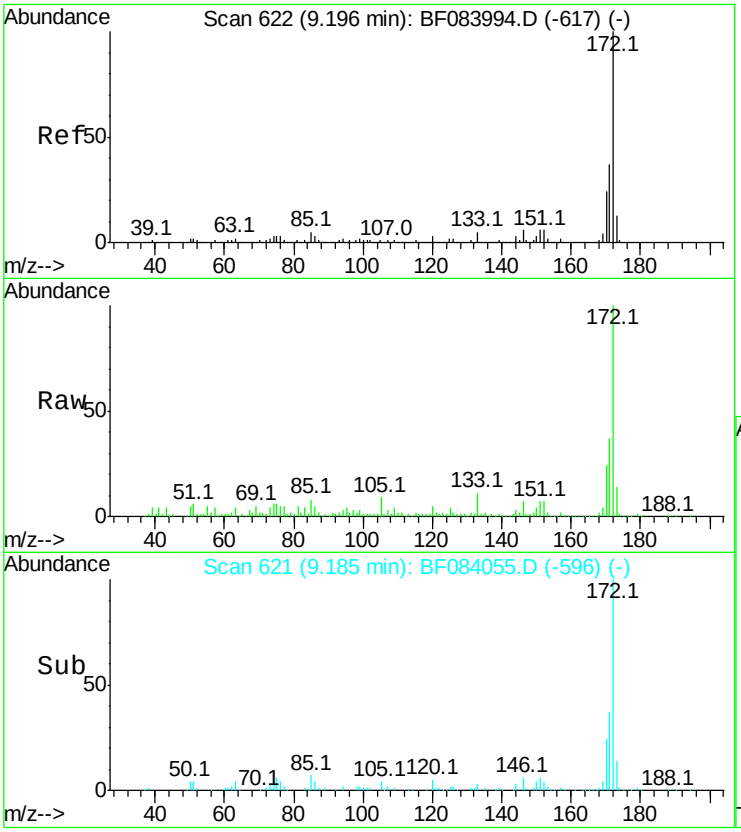


#41
2,4,6-Tribromophenol
Concen: 103.68 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:330 Resp: 81471

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	45.8	27.8	41.6#



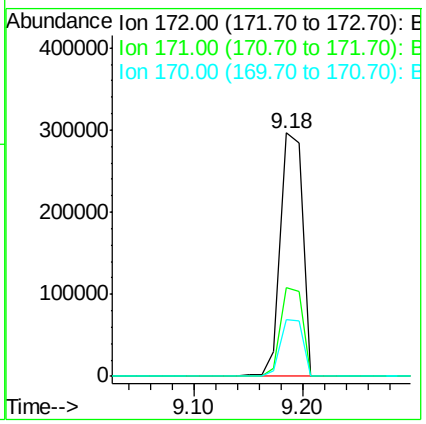


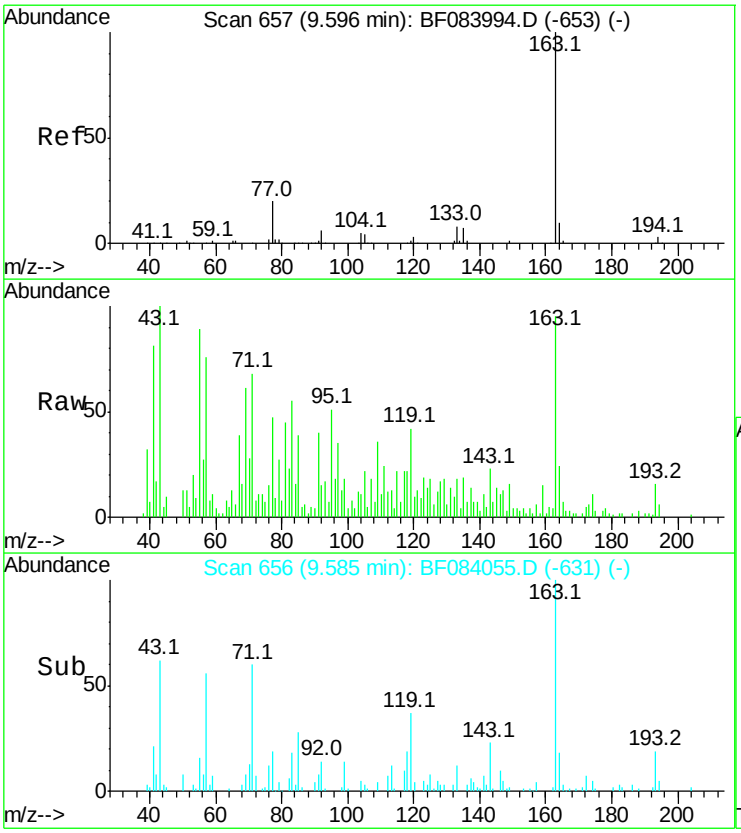
#44
2-Fluorobiphenyl
Concen: 69.62 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:172 Resp: 422643

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.6	18.6	27.8

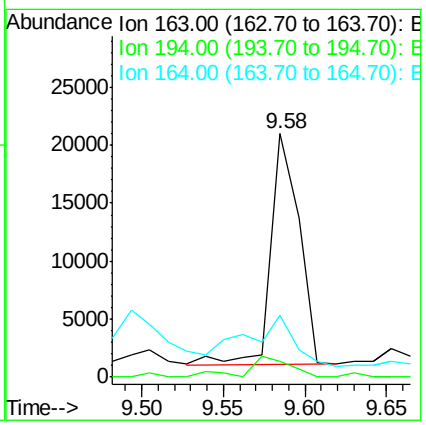


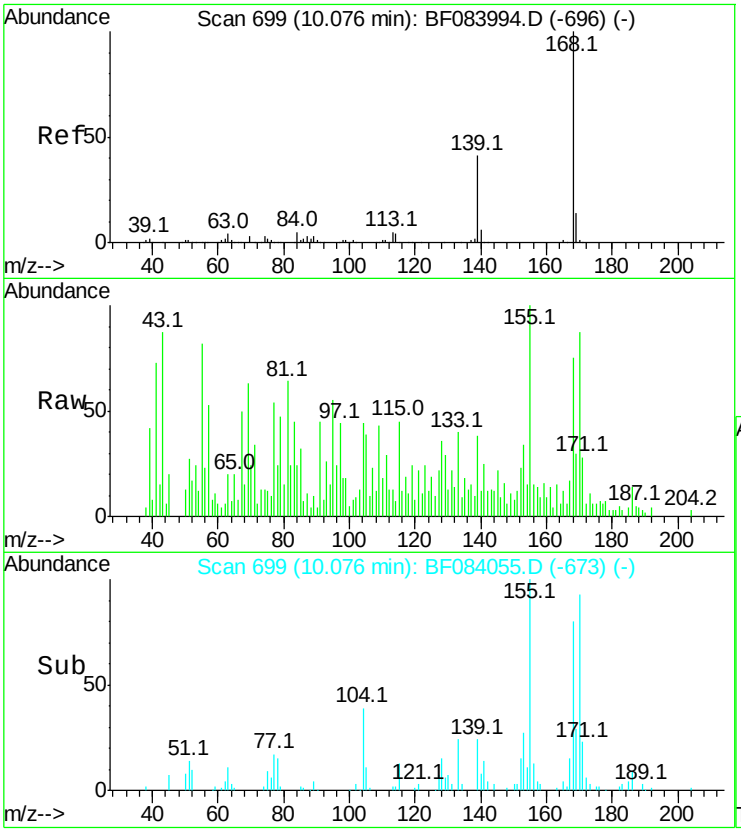


#49
Dimethylphthalate
Concen: 3.78 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:163 Resp: 24186

Ion	Ratio	Lower	Upper
163	100		
194	6.3	8.0	12.0#
164	25.5	8.0	12.0#



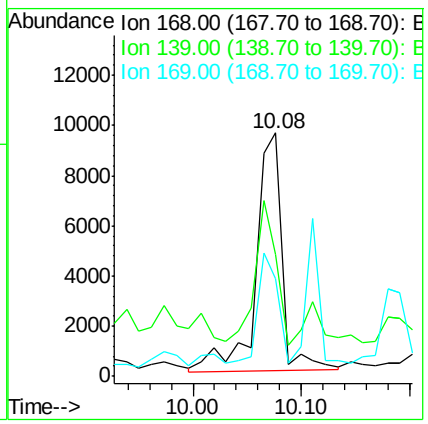


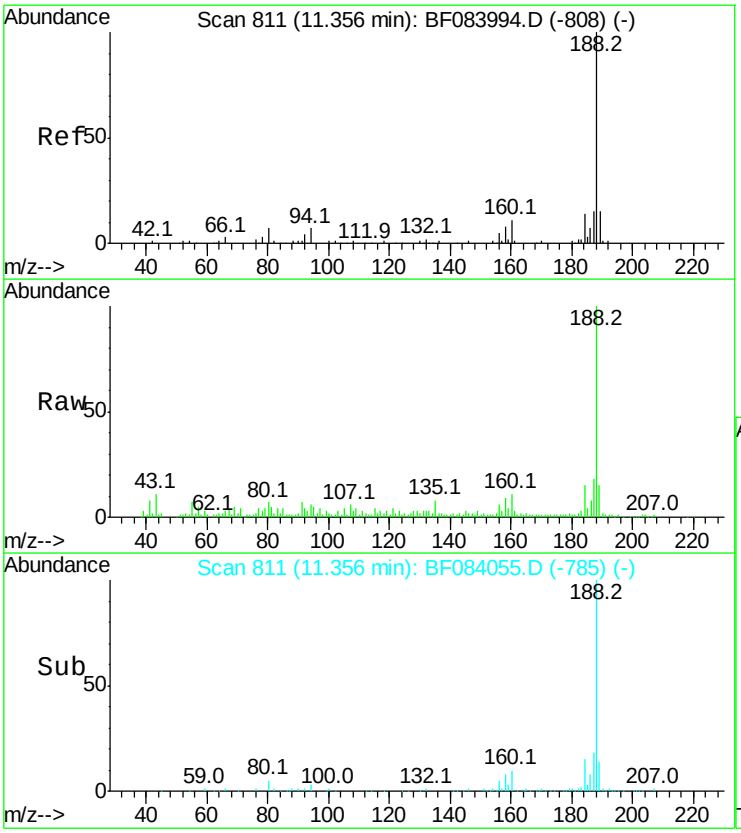
#54
Dibenzofuran
Concen: 2.22 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:168 Resp: 16290

Ion	Ratio	Lower	Upper
168	100		
139	50.2	30.5	45.7#
169	40.0	10.4	15.6#

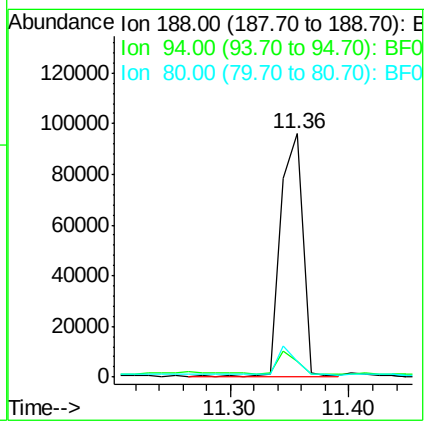


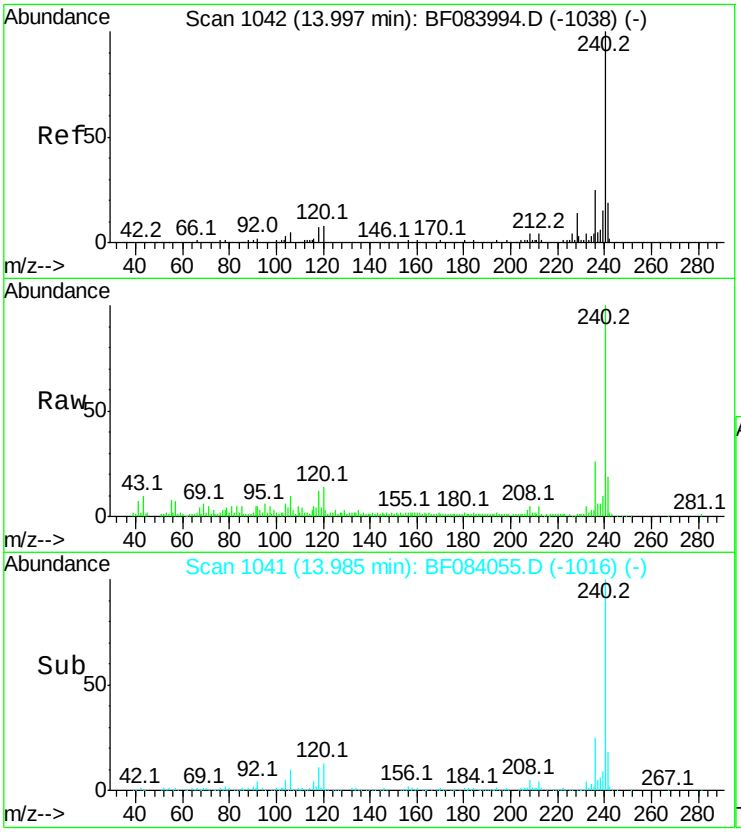


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:188 Resp: 121368

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.6	9.6	14.4#



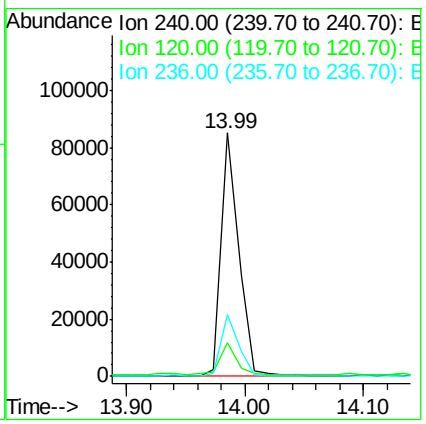


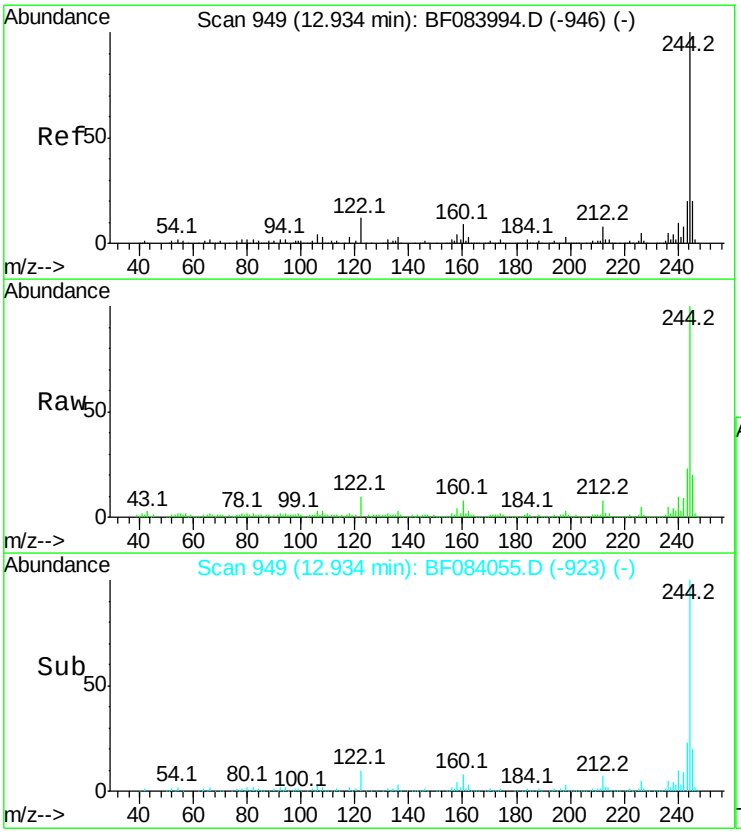
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:240 Resp: 87093

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.5	20.6	31.0

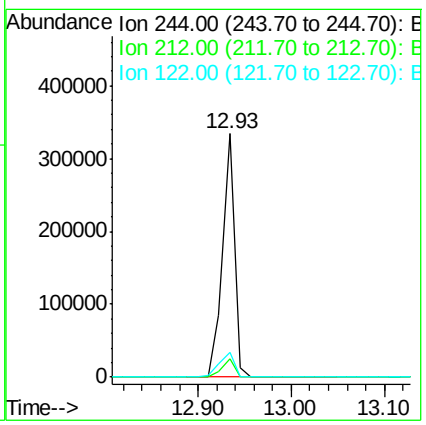


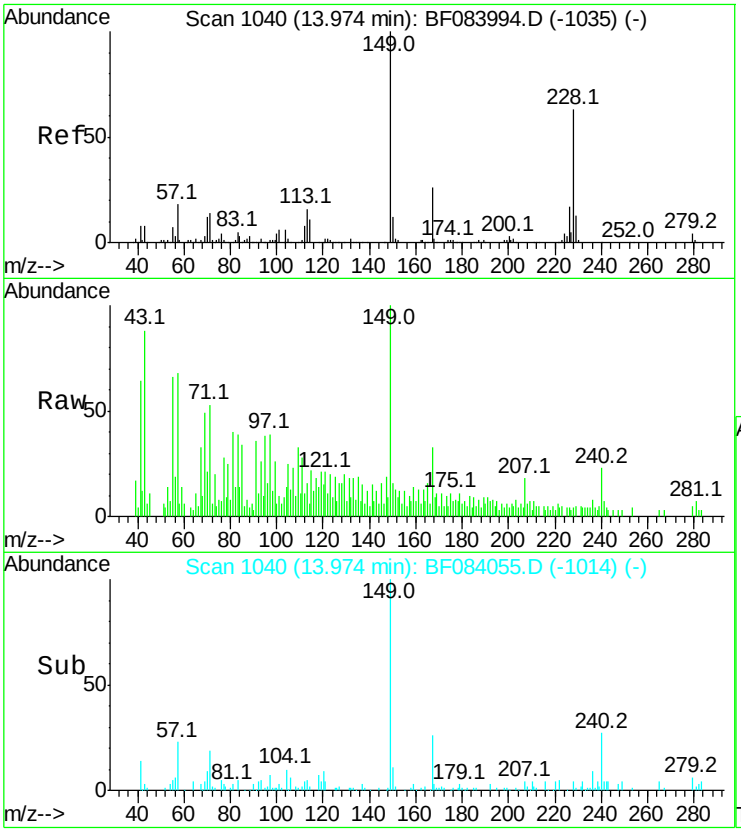


#78
Terphenyl-d14
Concen: 81.99 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:244 Resp: 299416

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.3	7.4	11.0



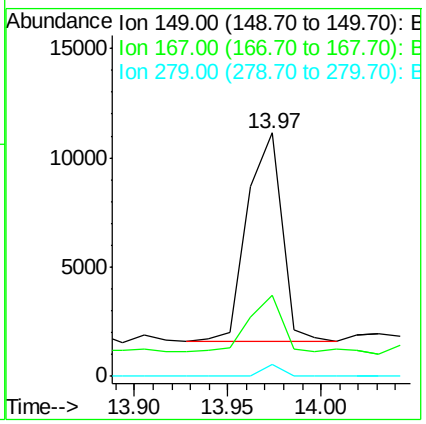


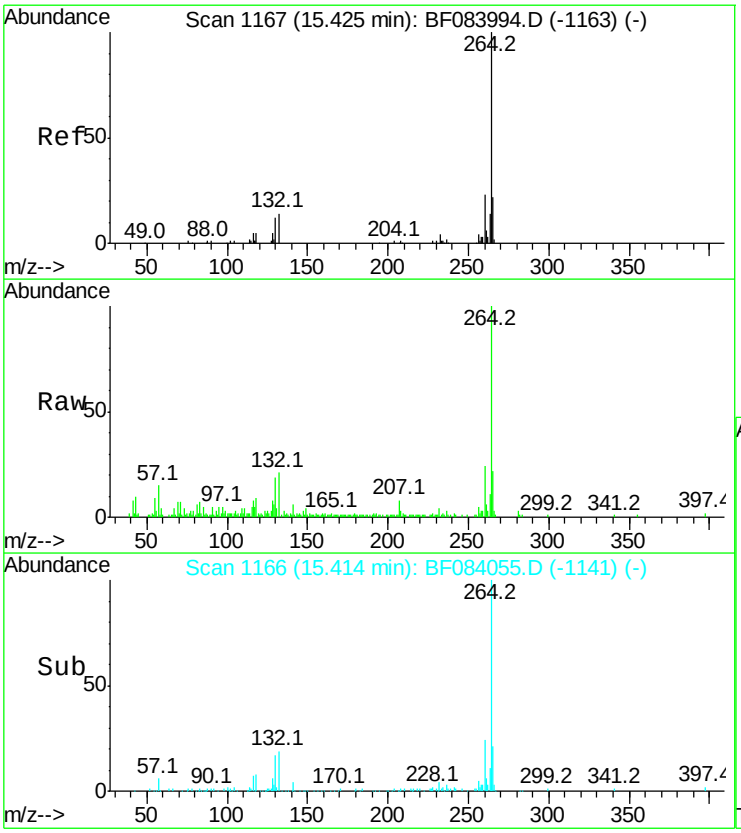
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.25 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:149 Resp: 12253

Ion	Ratio	Lower	Upper
149	100		
167	33.1	19.7	29.5#
279	4.8	1.8	2.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:264 Resp: 83459

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	17.8	26.6