Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087691.D
Acq On : 5 Jun 2016 6:10
Operator : UM/SJ
Sample : H3344-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

Quant Time: Jun 06 01:14:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126429	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	516904	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	241956	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	455583	20.00	ng		0.00
75) Chrysene-d12	14.01	240	379767	20.00	ng		-0.01
86) Perylene-d12	15.44	264	285827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	489528	62.58	ng		0.00
7) Phenol-d6	6.48	99	421180	42.94	ng		-0.01
23) Nitrobenzene-d5	7.43	82	902064	100.97	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	312876	128.82	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1425217	93.43	ng		-0.01
78) Terphenyl-d14	12.97	244	1116596	71.74	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	121539	19.84	ng	#	73
31) Naphthalene	8.16	128	120782	4.81	ng		99
37) 2-Methylnaphthalene	8.96	142	53963	3.25	ng		95
48) Acenaphthylene	9.76	152	66251	2.72	ng		99
50) 2,6-Dinitrotoluene	9.90	165	31649	7.91	ng	#	40
56) 2,4-Dinitrotoluene	9.90	165	31644	6.21	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.68	198	514	2.21	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	18303	4.05	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 5 Jun 2016 6:10
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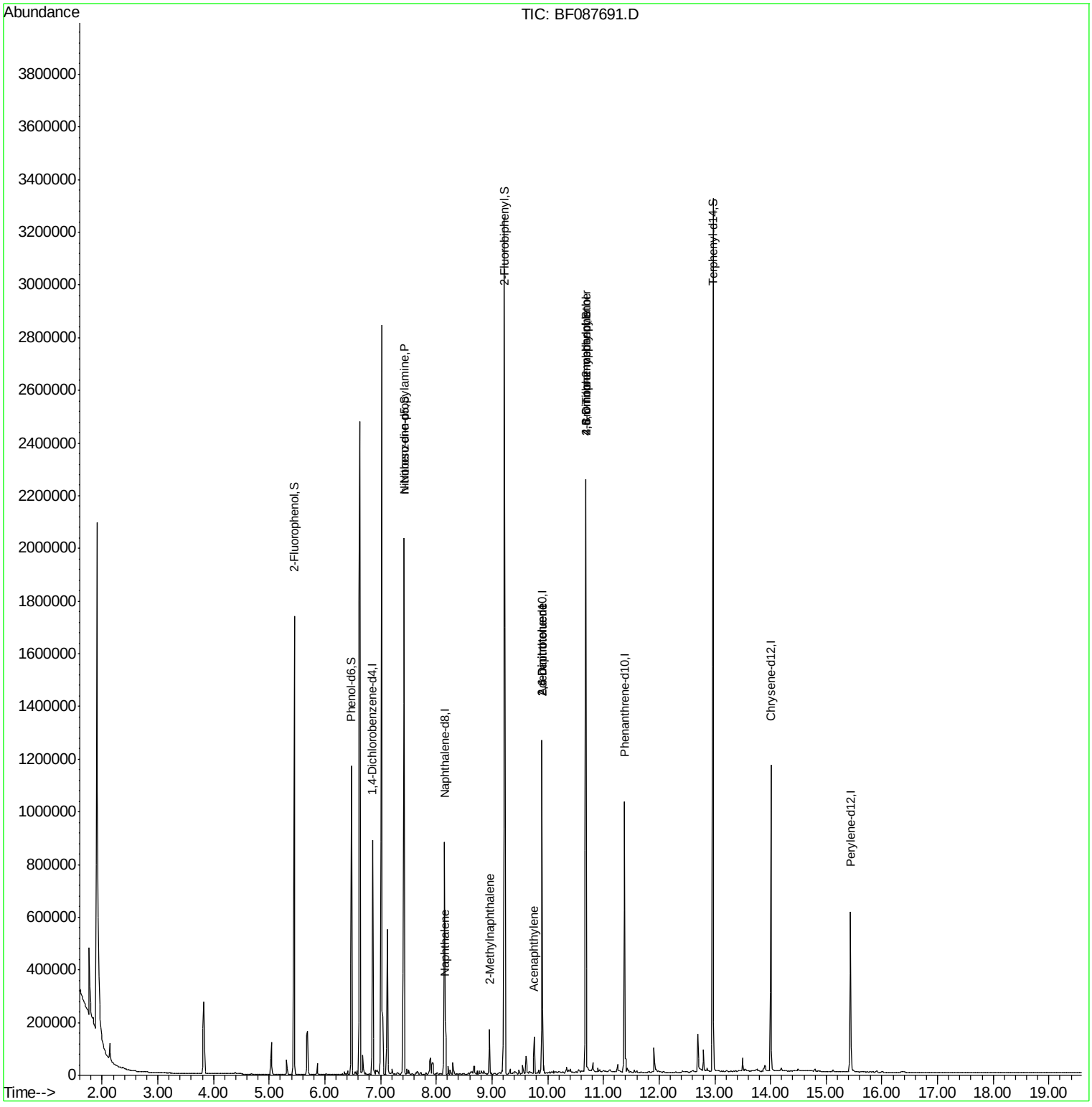
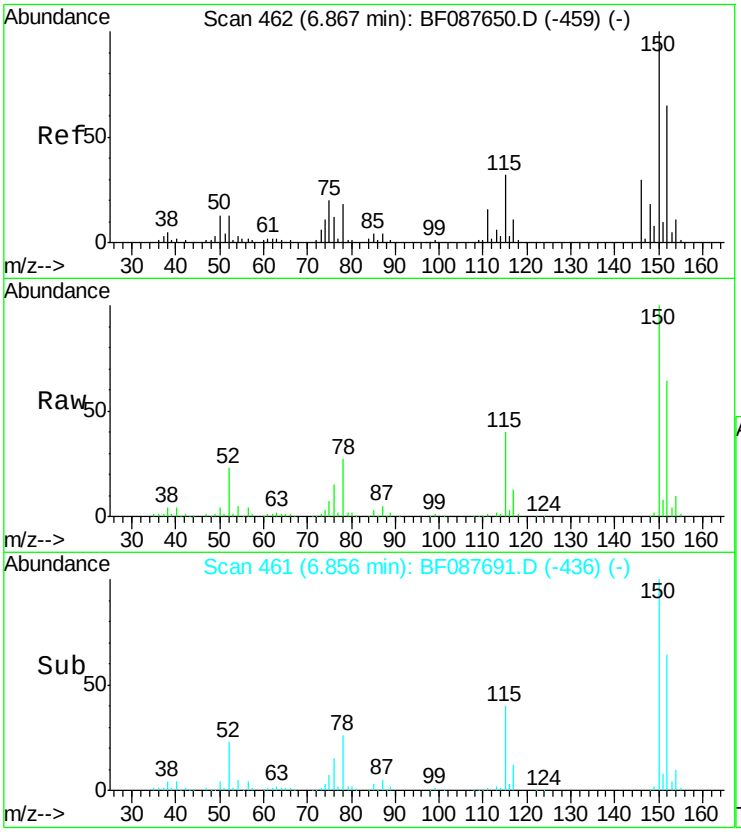


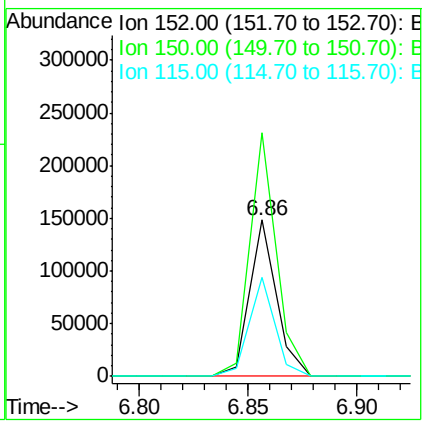


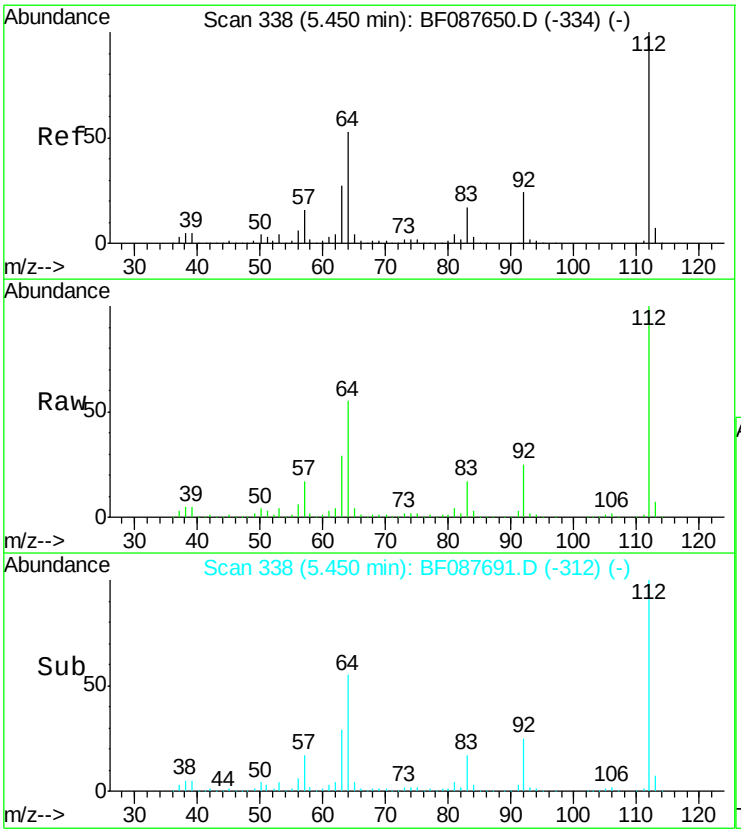
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 126429

Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.8	185.6
115	63.1	39.6	59.4#

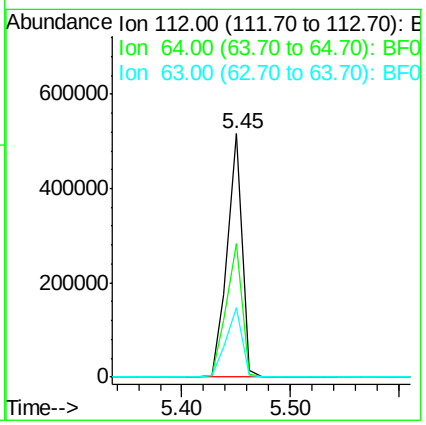


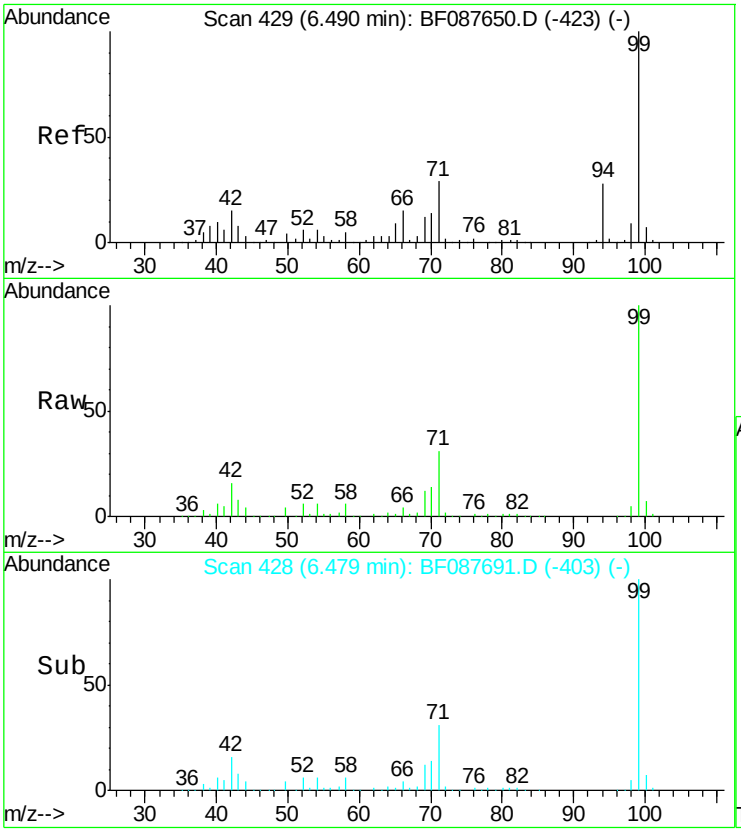


#5
2-Fluorophenol
Concen: 62.58 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:112 Resp: 489528

Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.2	63.2
63	28.6	21.8	32.8



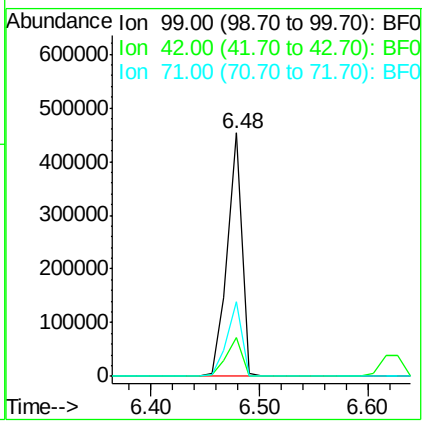


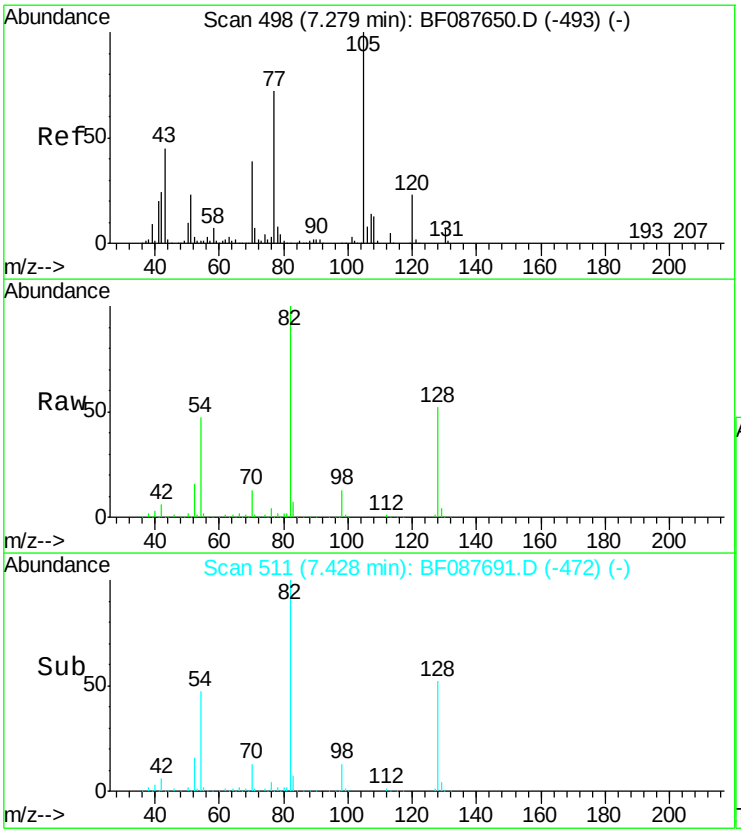
#7
Phenol-d6
Concen: 42.94 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 421180

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	30.7	23.4	35.0

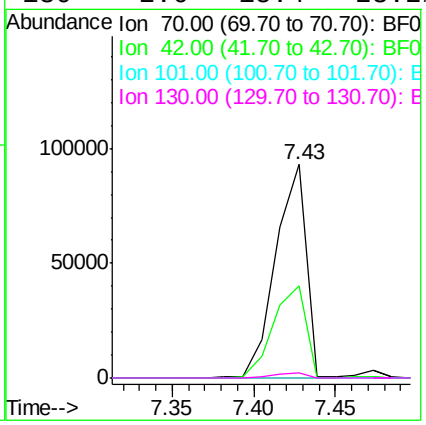


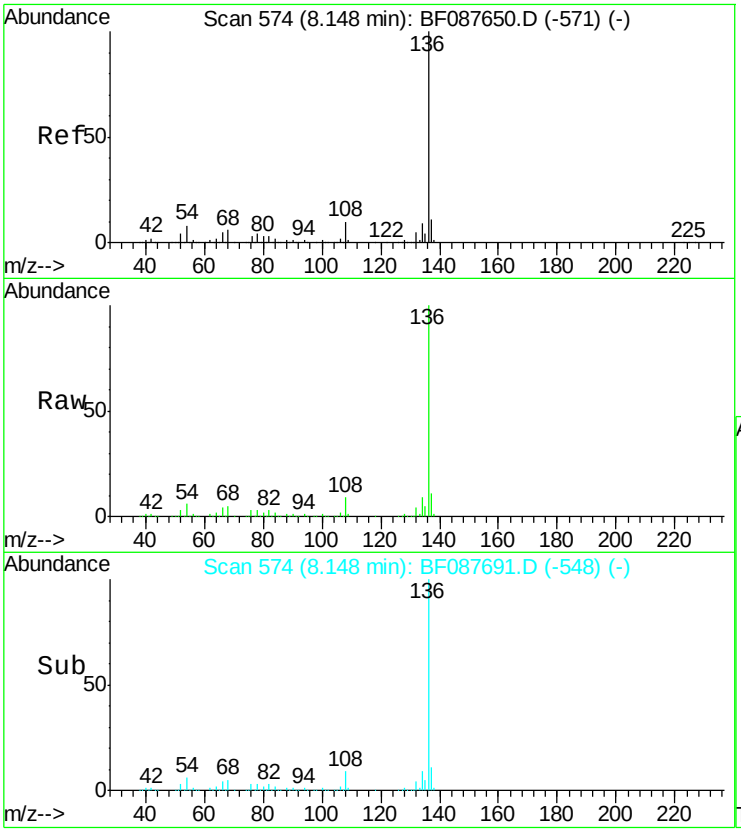


#19
n-Nitroso-di-n-propylamine
Concen: 19.84 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion: 70 Resp: 121539

Ion	Ratio	Lower	Upper
70	100		
42	42.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#



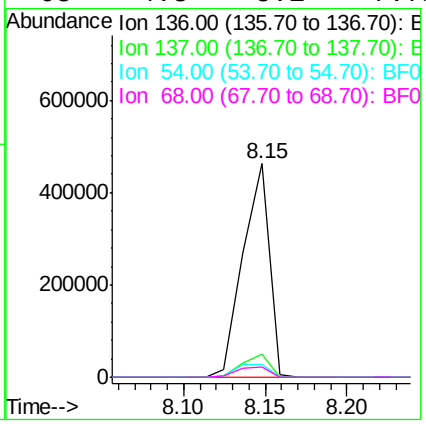


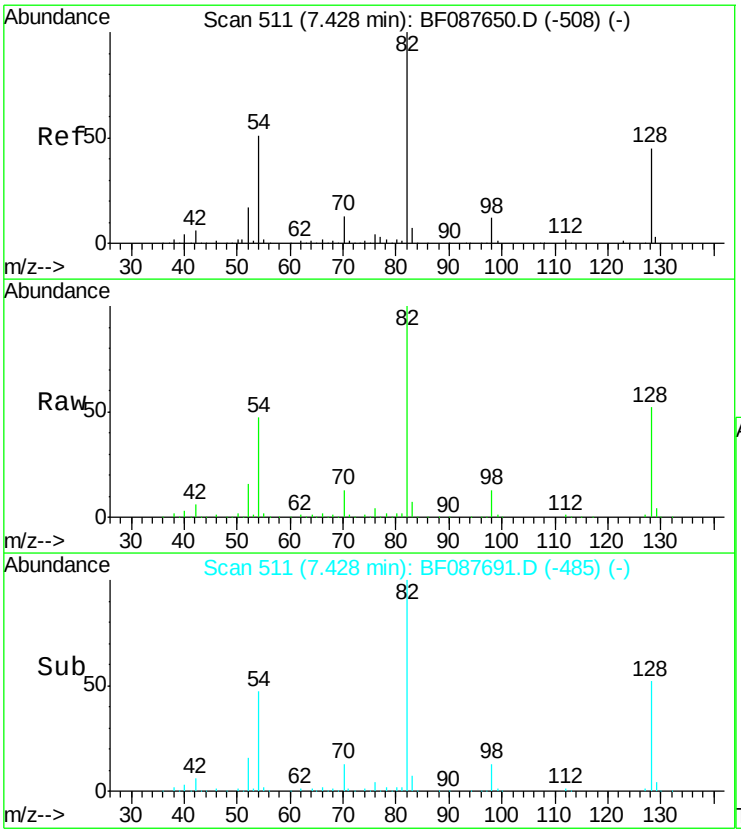
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:136 Resp: 516904

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	4.8	5.1	7.7#

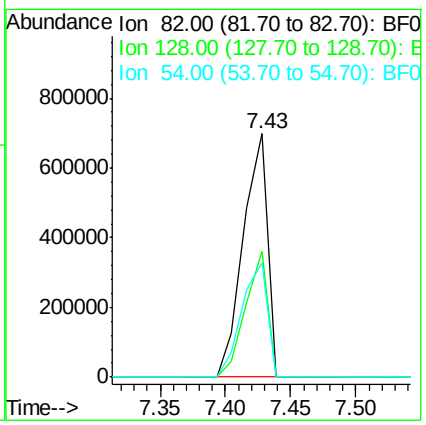


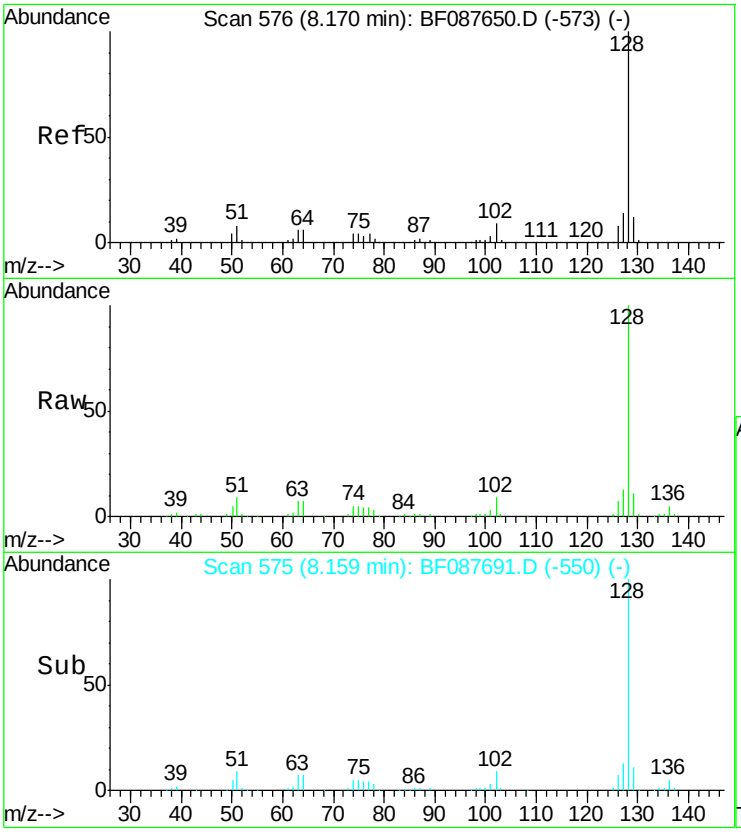


#23
Nitrobenzene-d5
Concen: 100.97 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion: 82 Resp: 902064

Ion	Ratio	Lower	Upper
82	100		
128	51.7	35.9	53.9
54	46.9	40.9	61.3



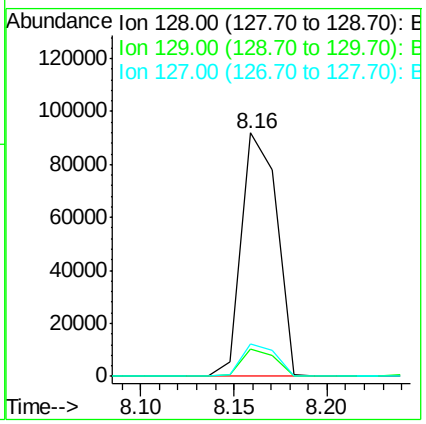


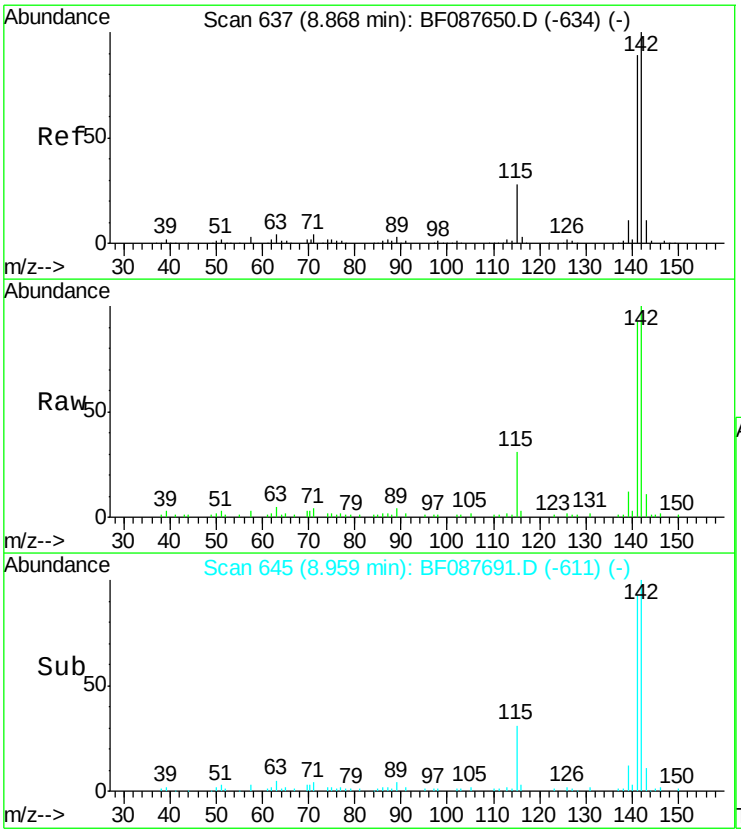
#31
Naphthalene
Concen: 4.81 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:128 Resp: 120782

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.2	10.9	16.3

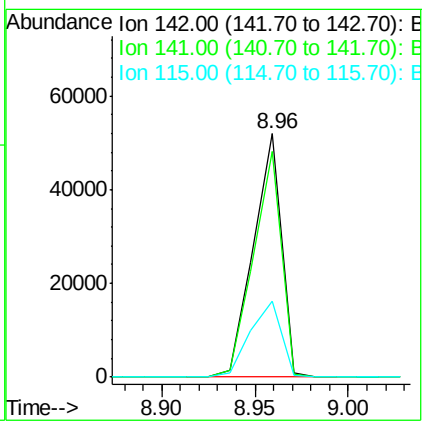


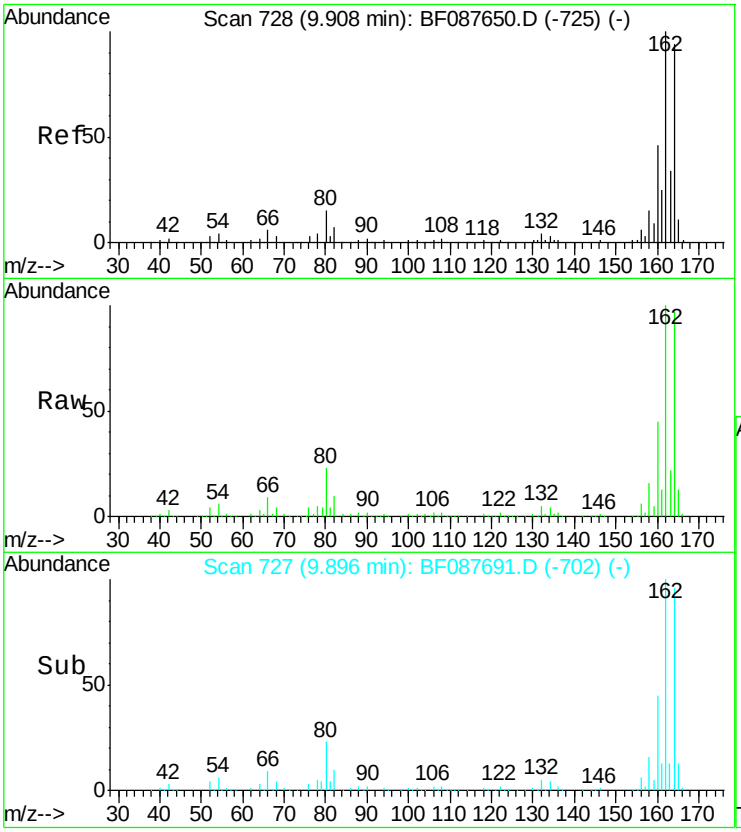


#37
2-Methylnaphthalene
Concen: 3.25 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.09 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:142 Resp: 53963

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.0	106.6
115	31.4	22.6	33.8



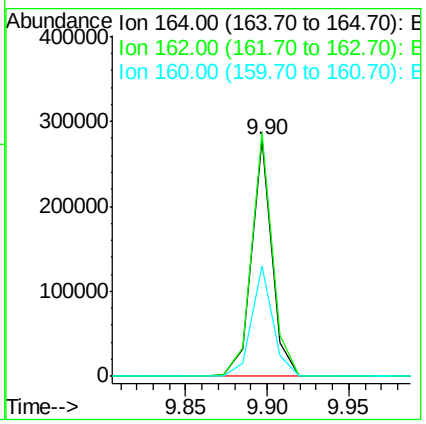


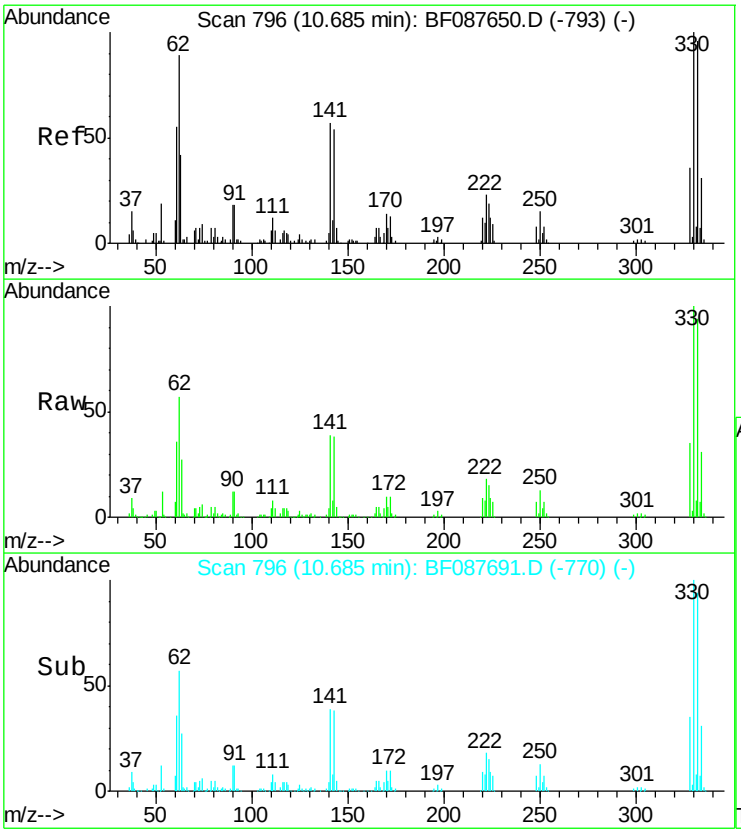
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 241956

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.4	128.2
160	46.7	39.5	59.3

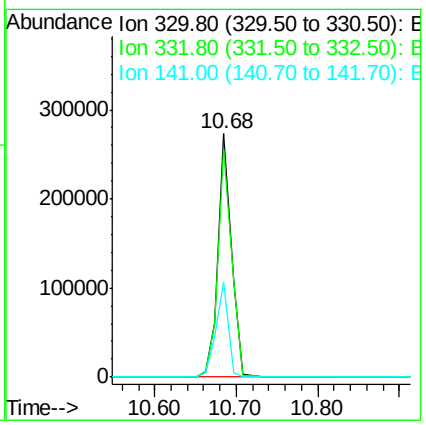


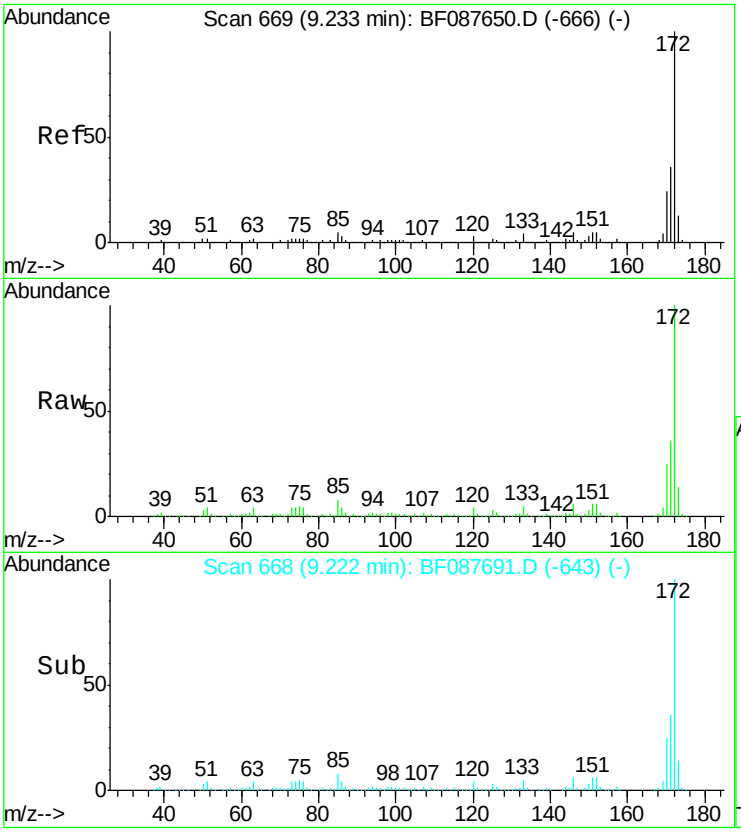


#41
2,4,6-Tribromophenol
Concen: 128.82 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:330 Resp: 312876

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	36.1	0.0	0.0#



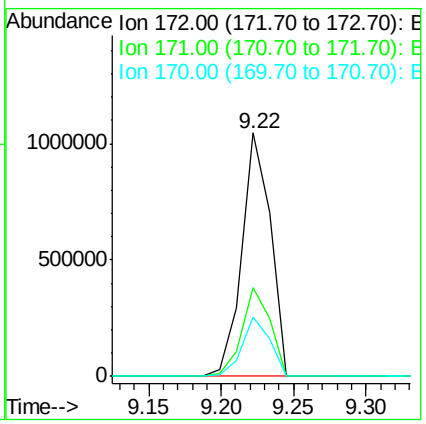


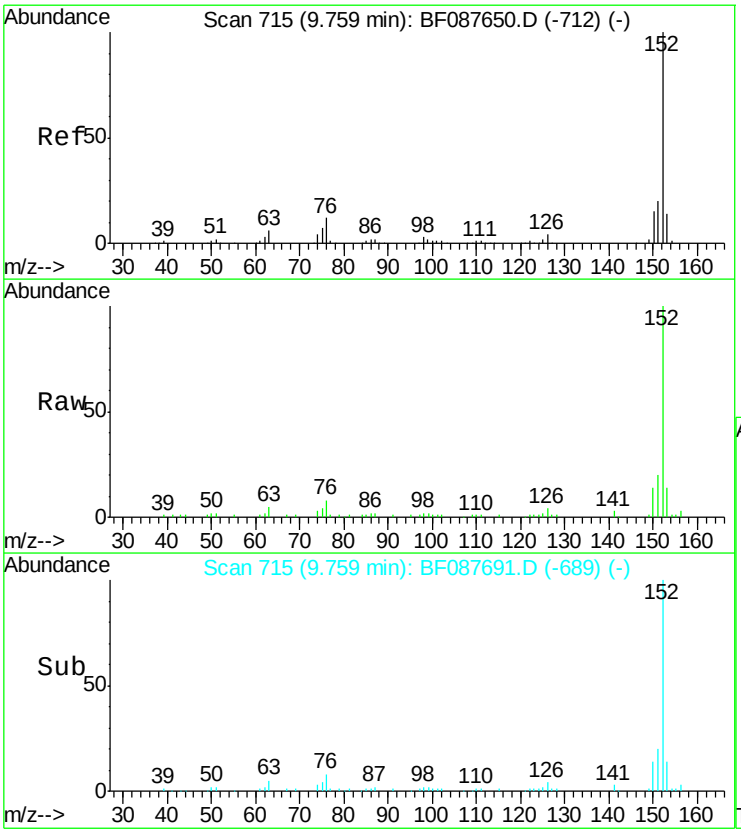
#44
2-Fluorobiphenyl
Concen: 93.43 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:172 Resp: 1425217

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8

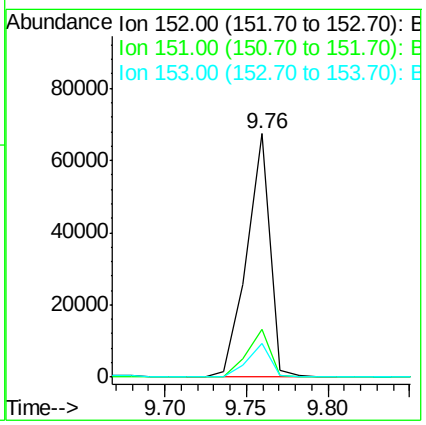


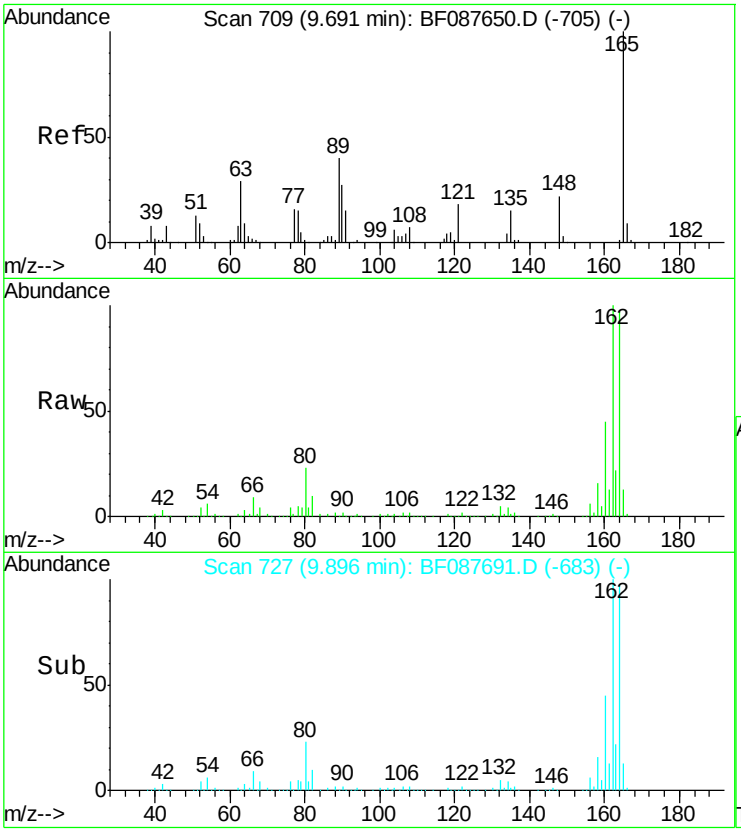


#48
Acenaphthylene
Concen: 2.72 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:152 Resp: 66251

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.6	11.0	16.6



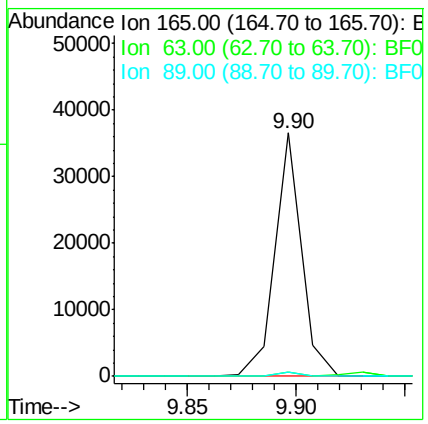


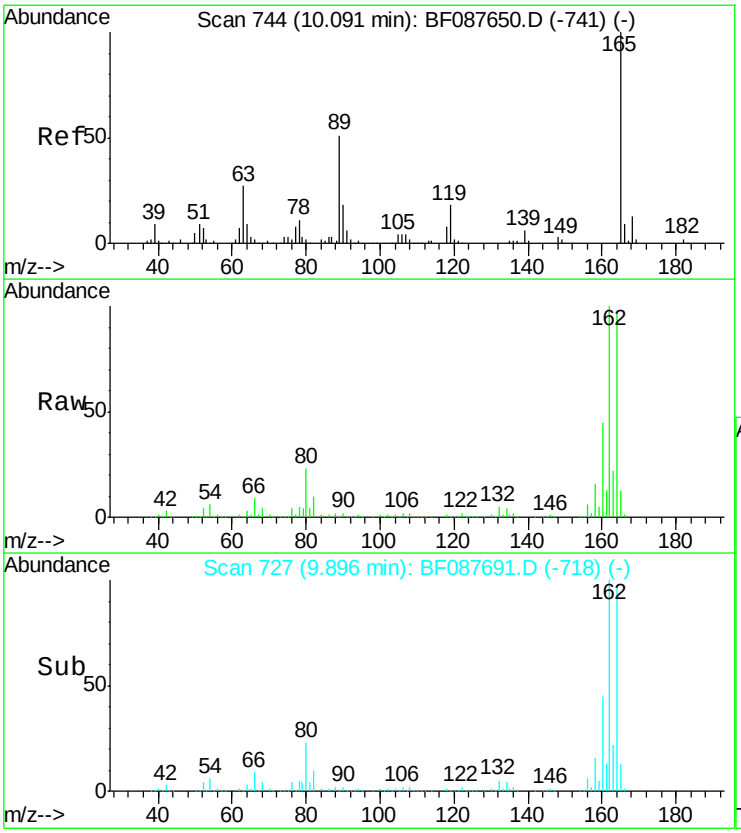
#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:165 Resp: 31649

Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.1	42.1#
89	1.7	32.2	48.2#

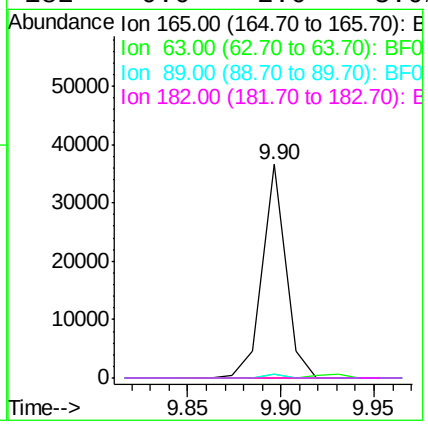


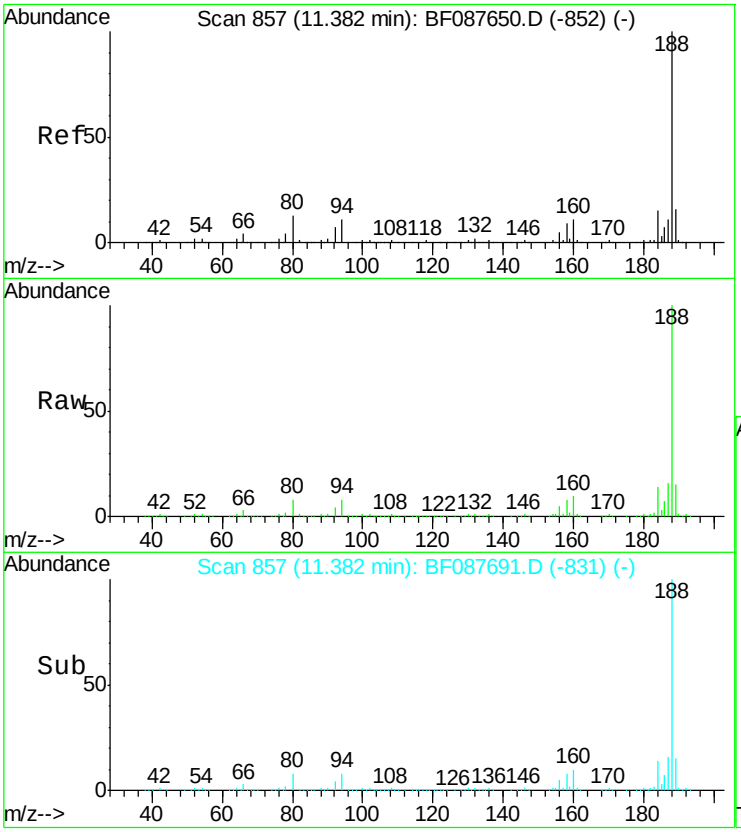


#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:165 Resp: 31644

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



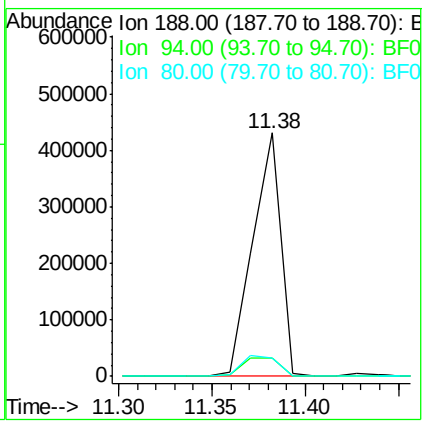


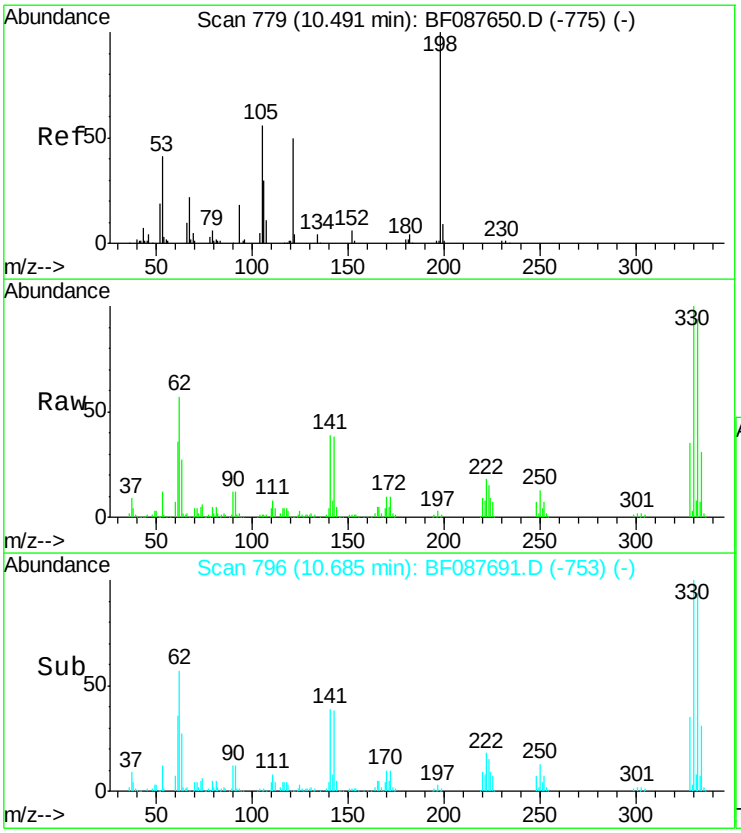
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 455583

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.6	10.0	15.0#

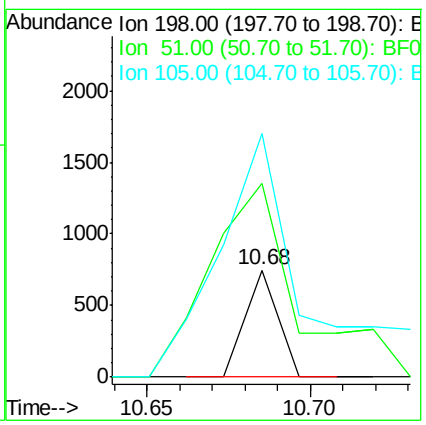


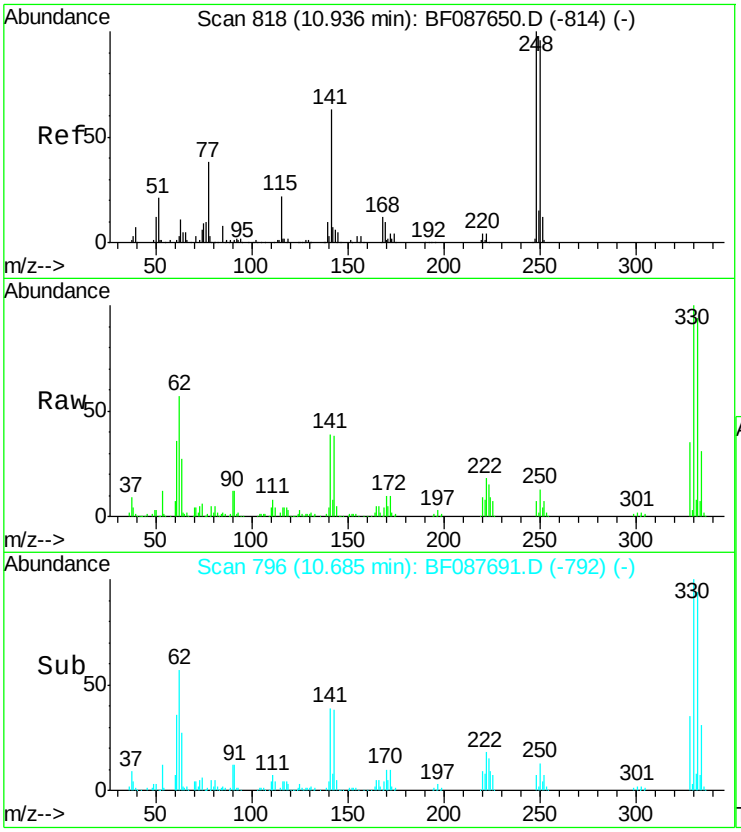


#64
4,6-Dinitro-2-methylphenol
Concen: 2.21 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:198 Resp: 514

Ion	Ratio	Lower	Upper
198	100		
51	180.4	39.6	79.6#
105	227.1	36.6	76.6#



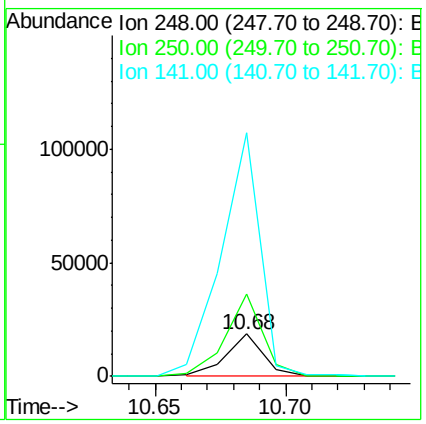


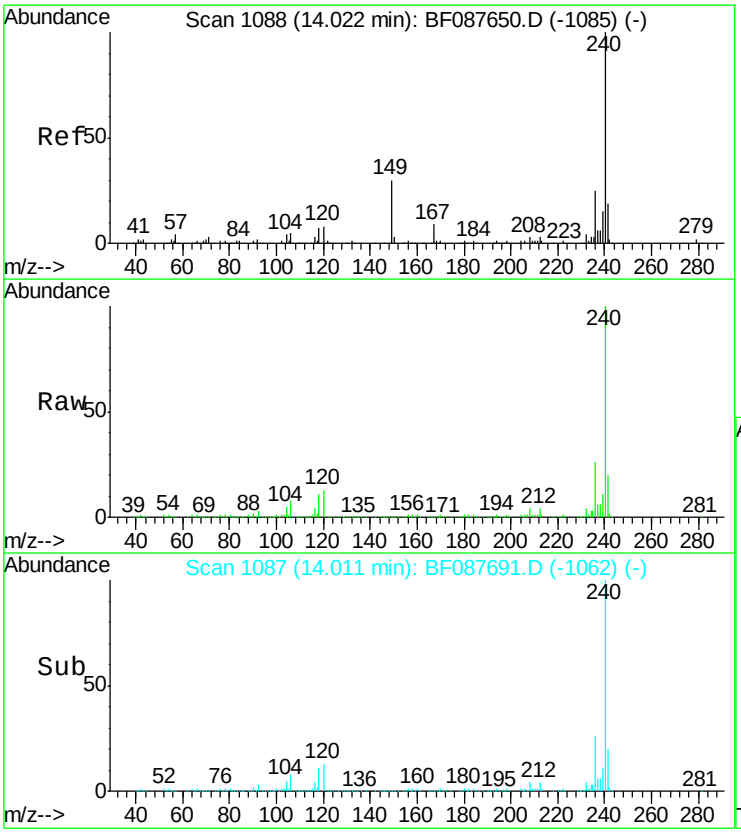
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:248 Resp: 18303

Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.1	115.7#
141	572.0	50.6	76.0#

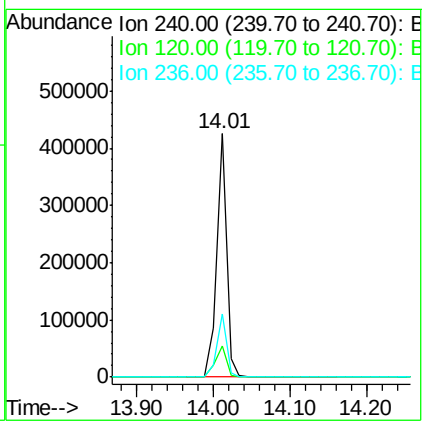


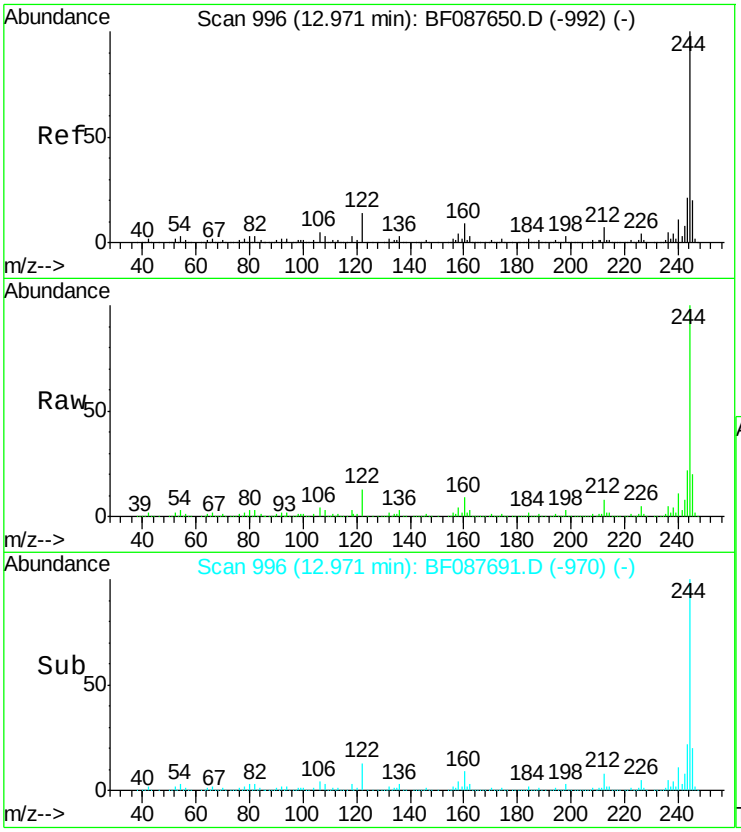


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:240 Resp: 379767

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.8	10.2#
236	25.7	20.2	30.2



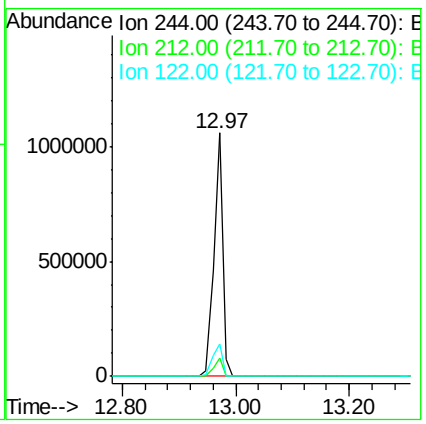


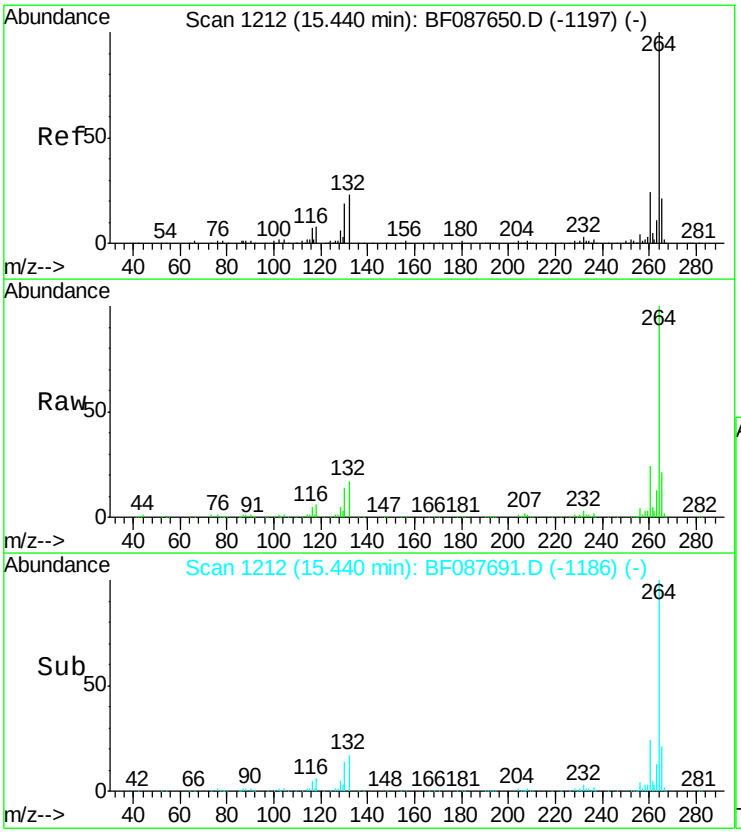
#78
Terphenyl-d14
Concen: 71.74 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 1116596

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:264 Resp: 285827

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.7	16.9	25.3