Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088303.D
Acq On : 23 Jun 2016 22:12
Operator : UM/SJ
Sample : H3607-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-MW2-15

Quant Time: Jun 24 01:38:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	93865	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	360727	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	160634	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	286894	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	185725	20.00	ng	-0.02
86) Perylene-d12	15.09	264	158729	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	346798	63.16	ng	0.01
7) Phenol-d6	6.26	99	290360	43.64	ng	0.00
23) Nitrobenzene-d5	7.18	82	539218	87.29	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	191634	112.98	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	912965	89.58	ng	-0.01
78) Terphenyl-d14	12.69	244	664493	81.42	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	11185	2.47	ng	# 72
10) Phenol	6.28	94	895	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.16	70	68413	16.07	ng	# 72
25) Isophorone	7.18	82	528371	46.18	ng	# 65
45) 1,1'-Biphenyl	8.96	154	1672	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.62	165	20641	7.75	ng	# 39
56) 2,4-Dinitrotoluene	9.62	165	20641	6.03	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.42	198	270	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.42	248	13012	4.23	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088303.D
Acq On : 23 Jun 2016 22:12
Operator : UM/SJ
Sample : H3607-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-MW2-15

Quant Time: Jun 24 01:38:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
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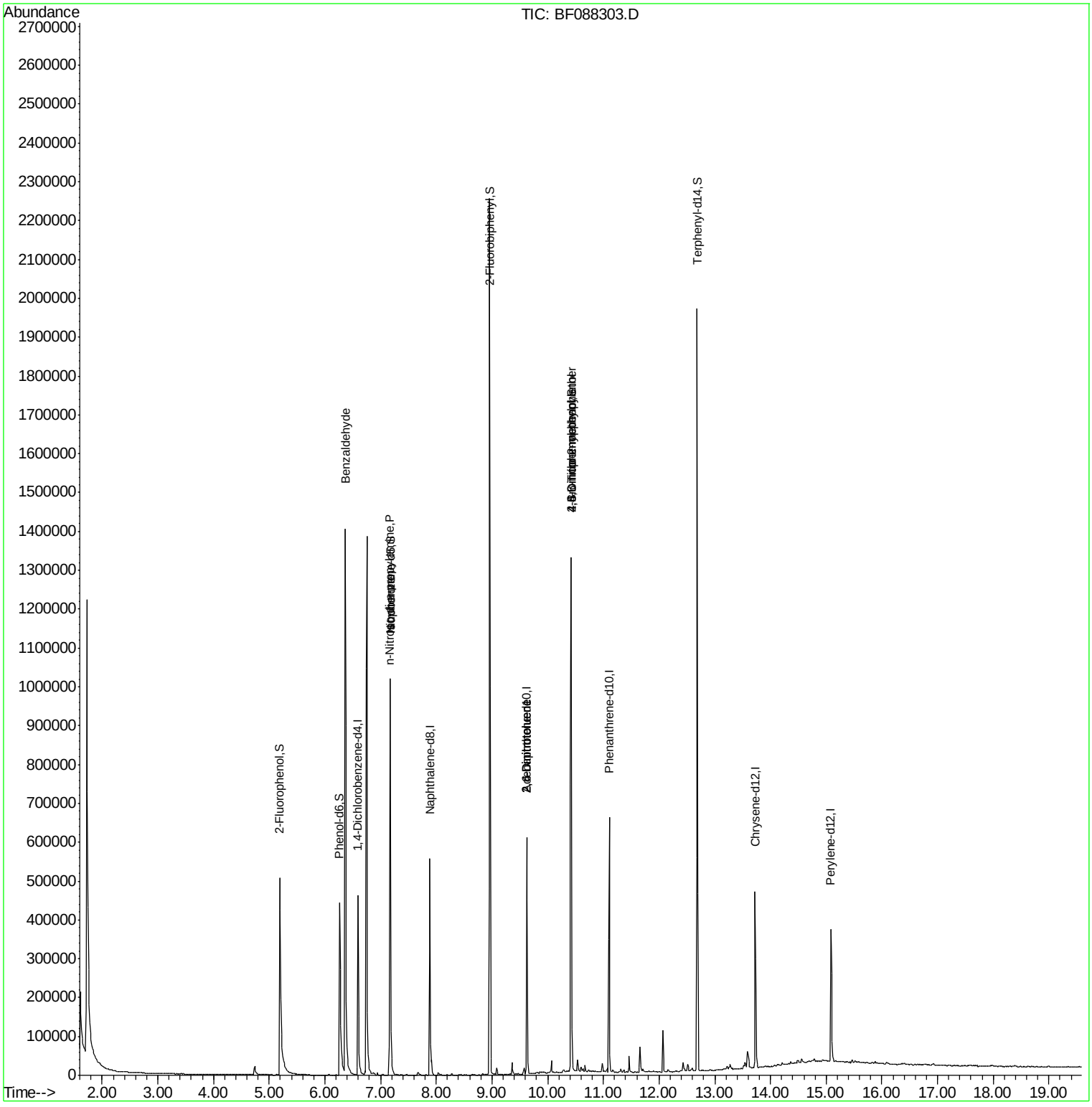
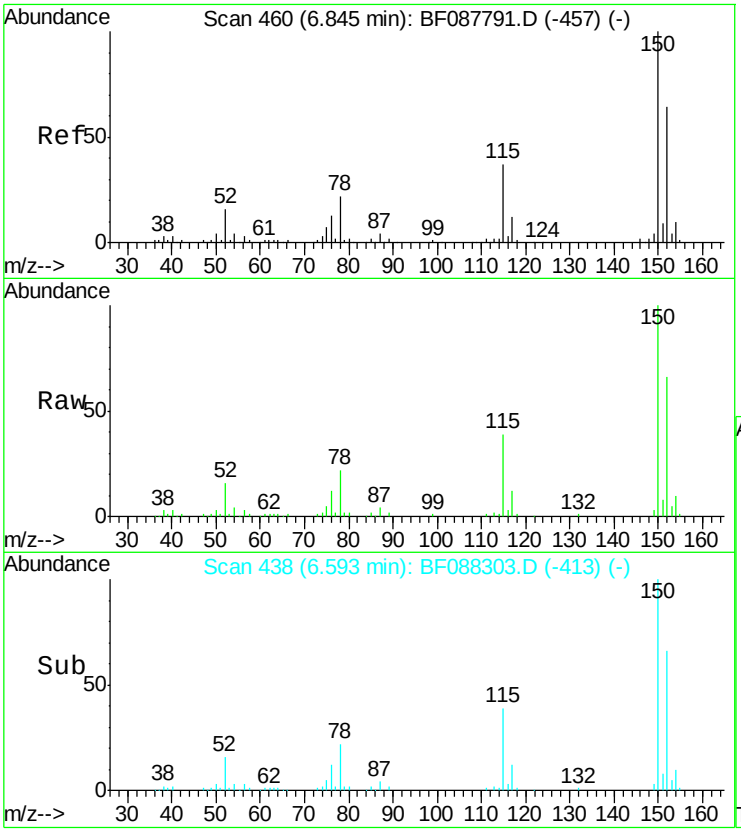


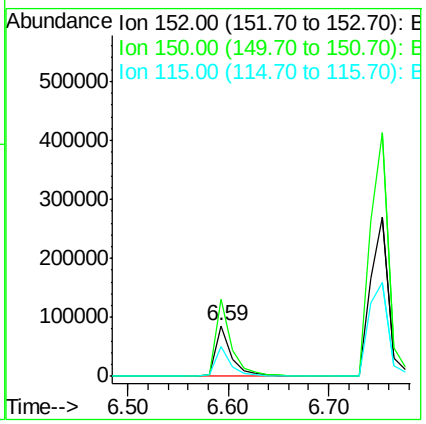


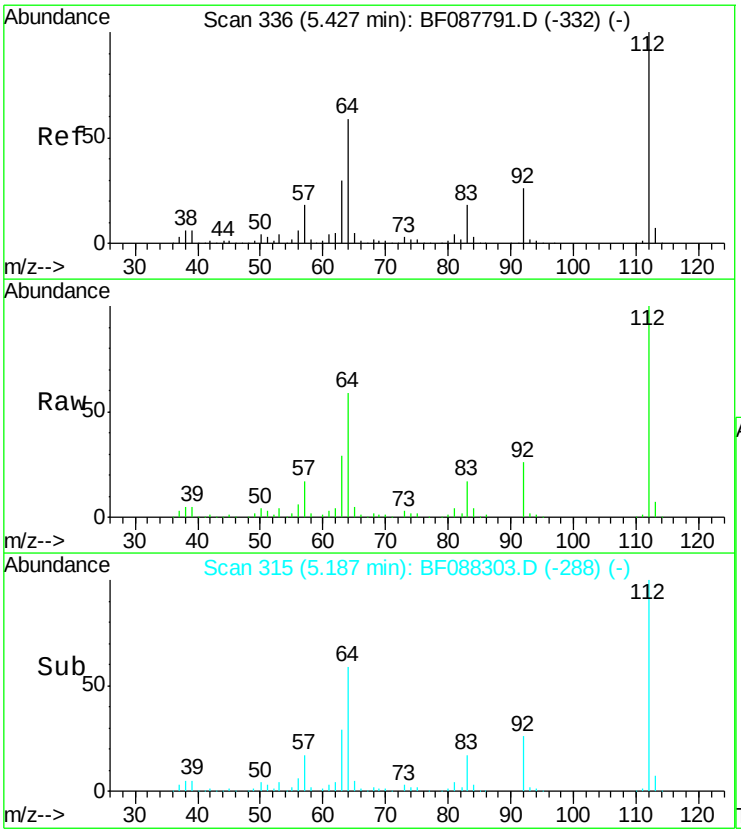
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:152 Resp: 93865

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.8	185.6
115	58.8	39.6	59.4

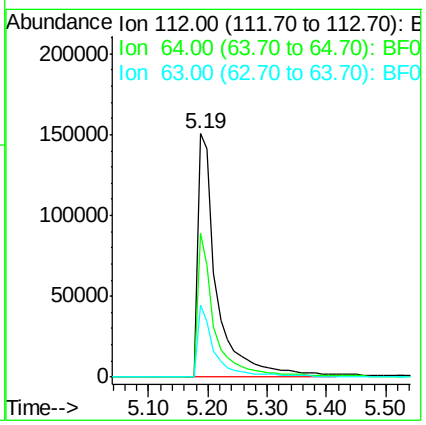


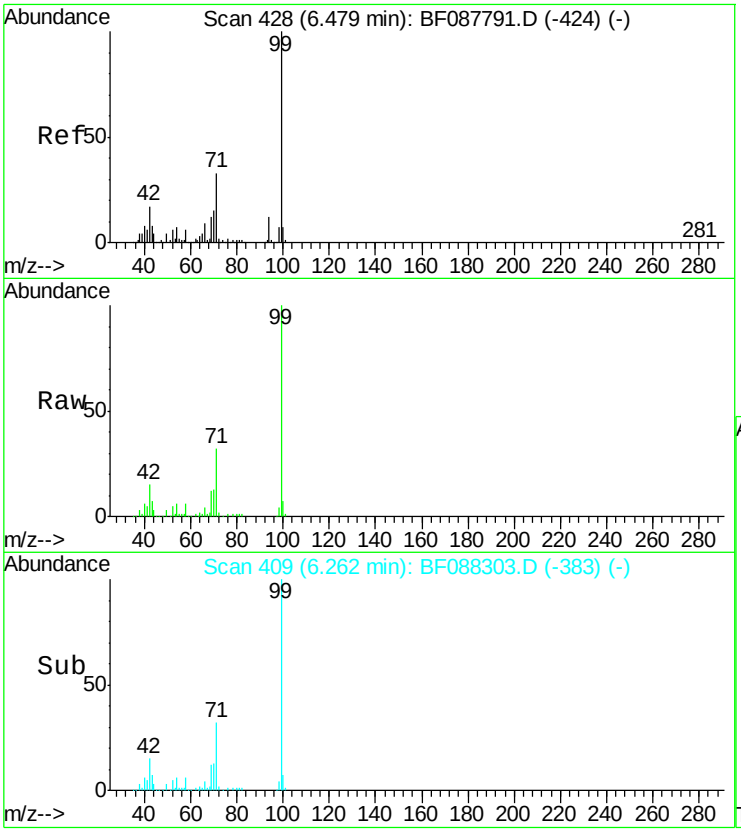


#5
2-Fluorophenol
Concen: 63.16 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:112 Resp: 346798

Ion	Ratio	Lower	Upper
112	100		
64	58.9	42.2	63.2
63	29.5	21.8	32.8



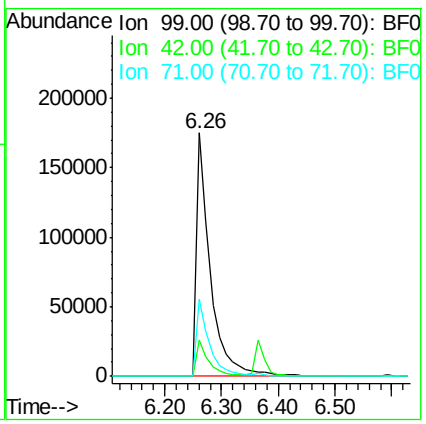


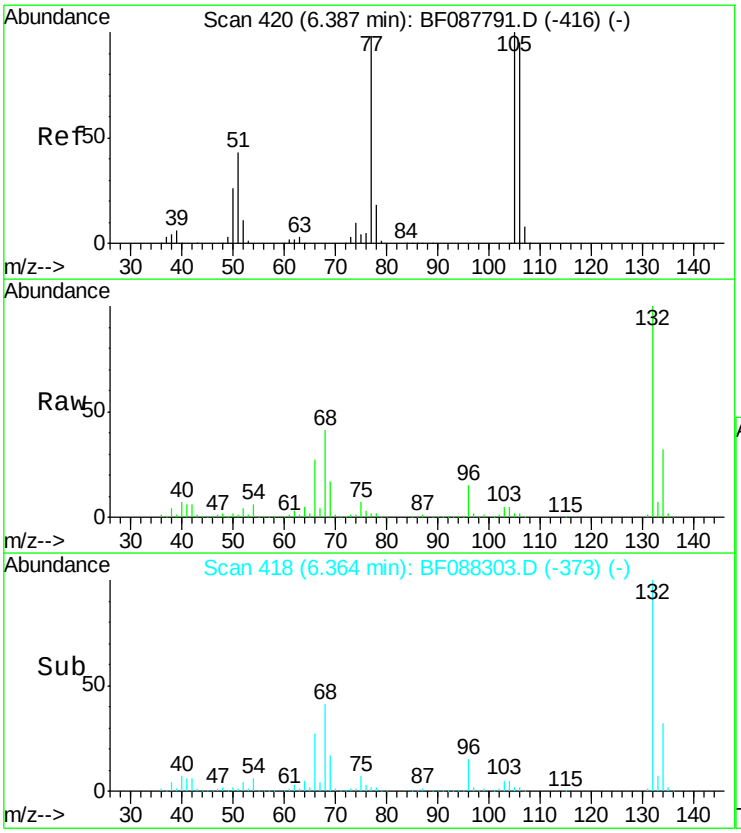
#7
Phenol-d6
Concen: 43.64 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion: 99 Resp: 290360

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.2
71	31.9	23.4	35.0

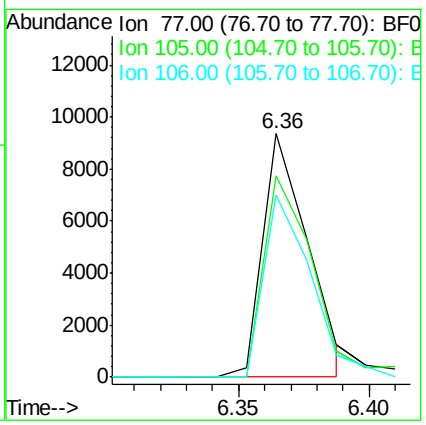


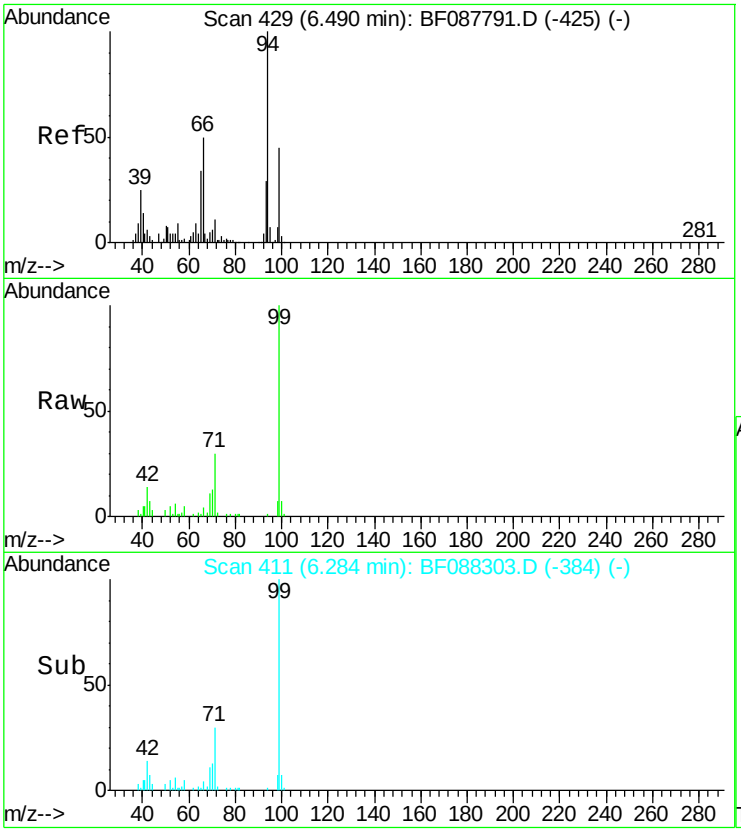


#9
Benzaldehyde
Concen: 2.47 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.22 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion: 77 Resp: 11185

Ion	Ratio	Lower	Upper
77	100		
105	82.7	90.6	130.6#
106	75.1	85.3	125.3#



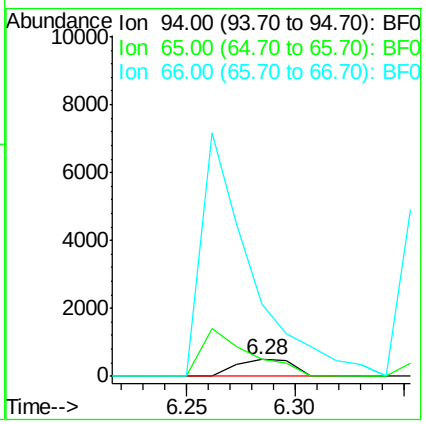


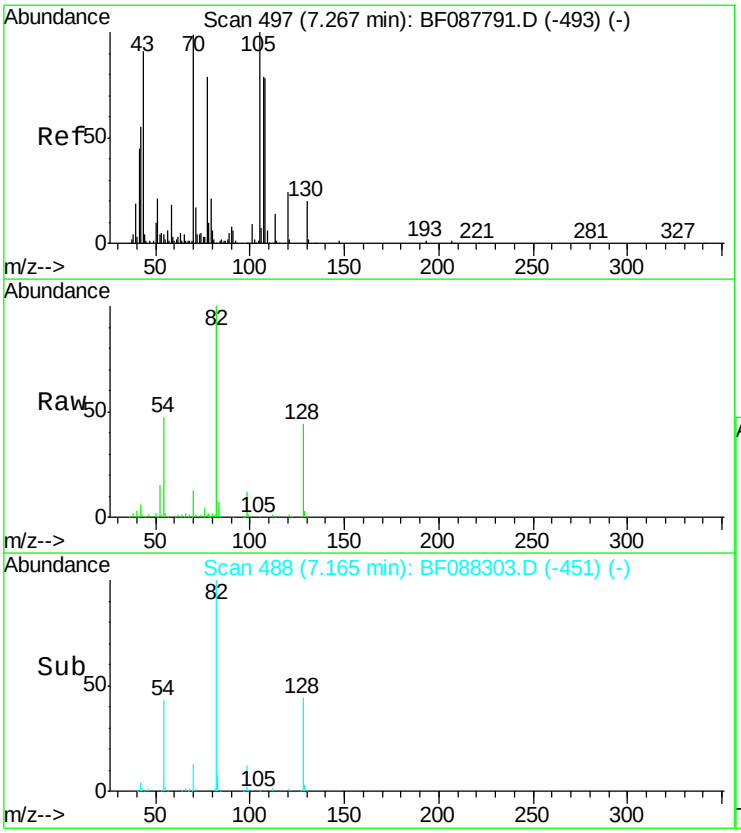
#10
Phenol
Concen: Below Cal
RT: 6.28 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion: 94 Resp: 895

Ion	Ratio	Lower	Upper
94	100		
65	105.9	5.9	45.9#
66	434.8	14.0	54.0#

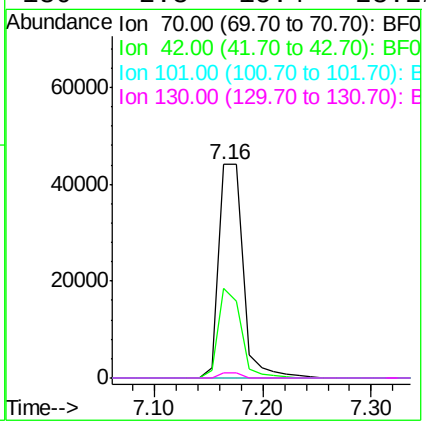


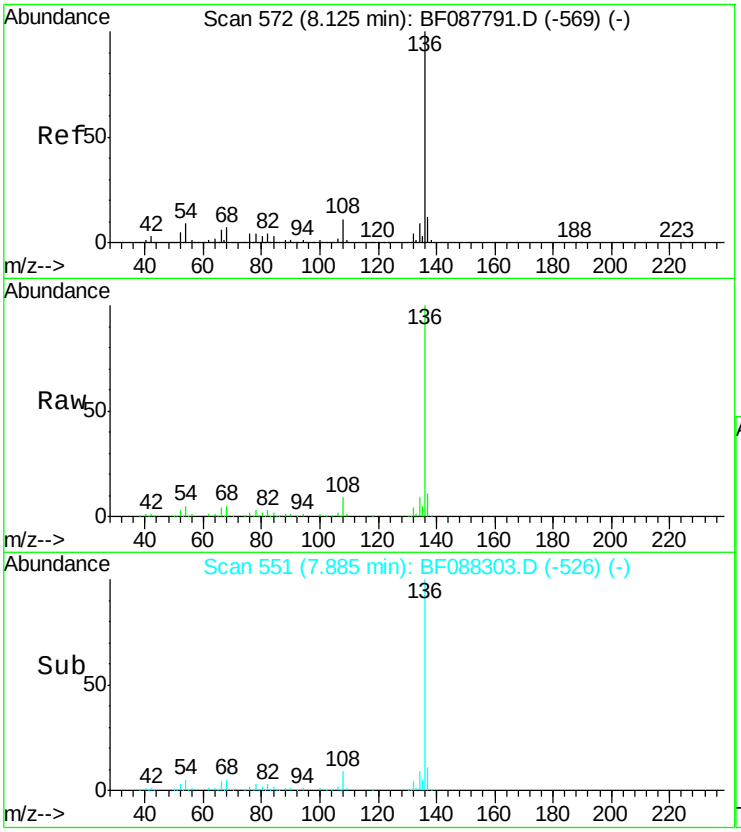


#19
n-Nitroso-di-n-propylamine
Concen: 16.07 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion: 70 Resp: 68413

Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



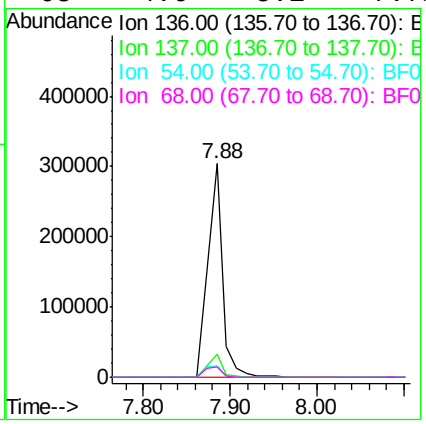


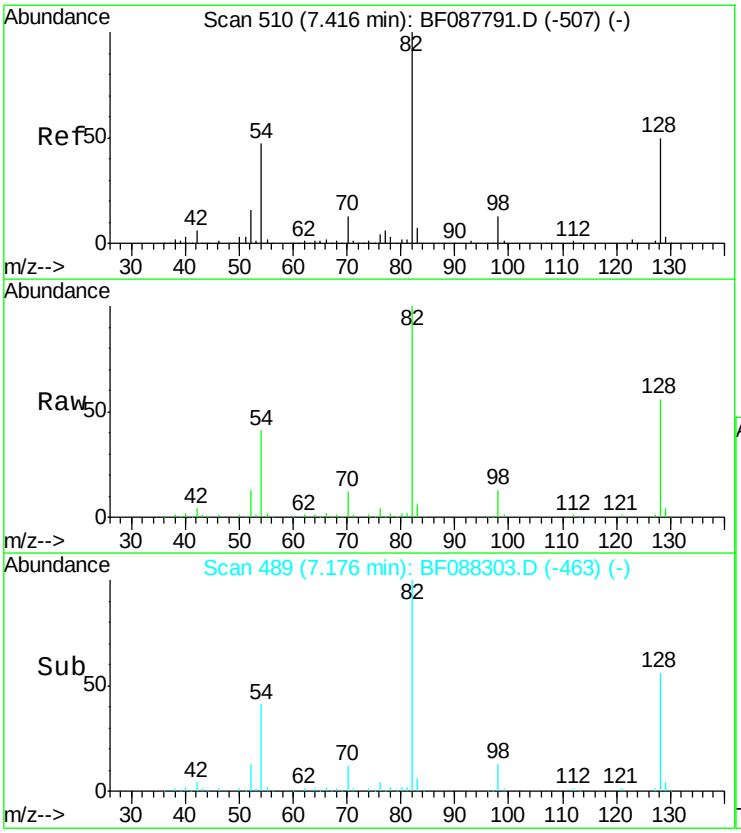
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:136 Resp: 360727

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.2	6.6	10.0#
68	4.6	5.1	7.7#

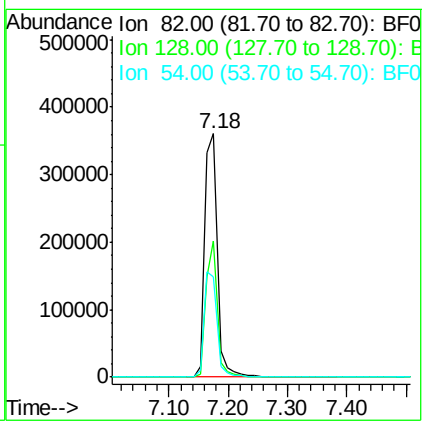


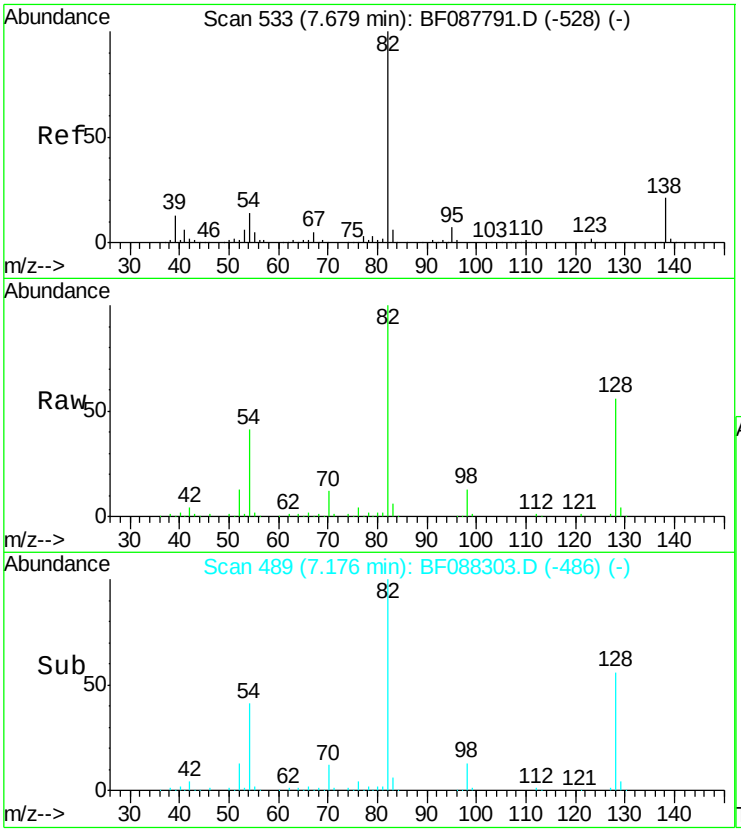


#23
Nitrobenzene-d5
Concen: 87.29 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion: 82 Resp: 539218

Ion	Ratio	Lower	Upper
82	100		
128	56.1	35.9	53.9#
54	41.0	40.9	61.3



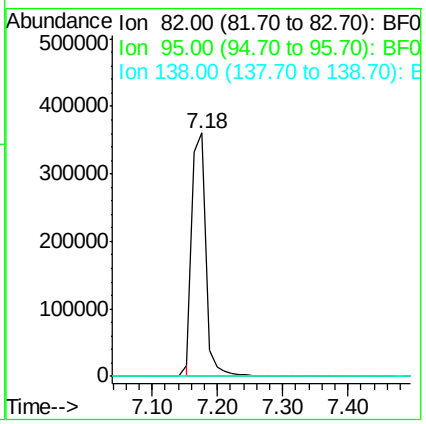


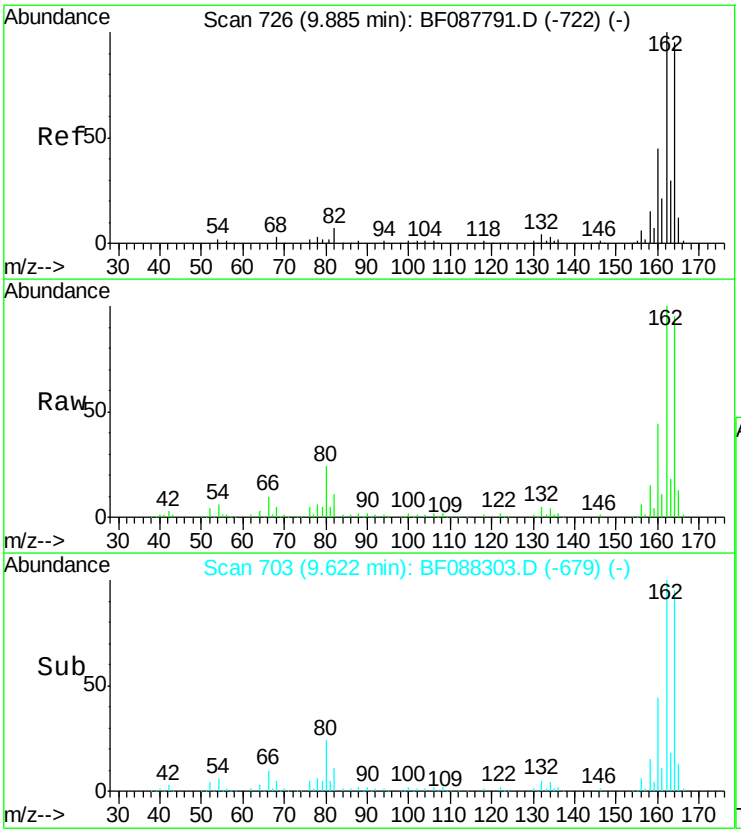
#25
Isophorone
Concen: 46.18 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion: 82 Resp: 528371

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

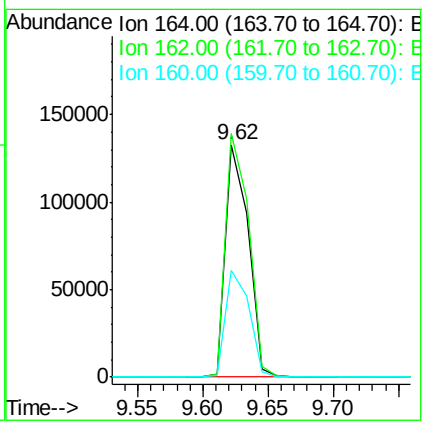


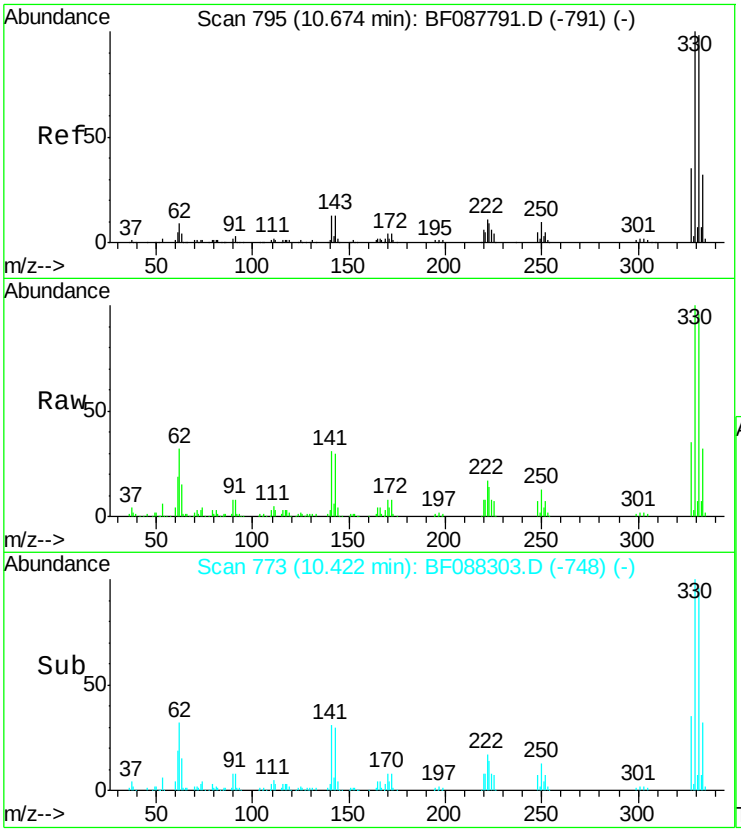


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:164 Resp: 160634

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	45.7	39.5	59.3



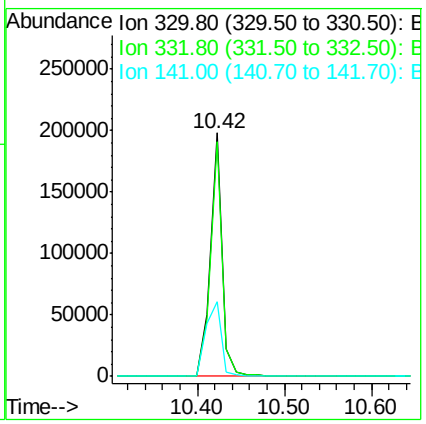


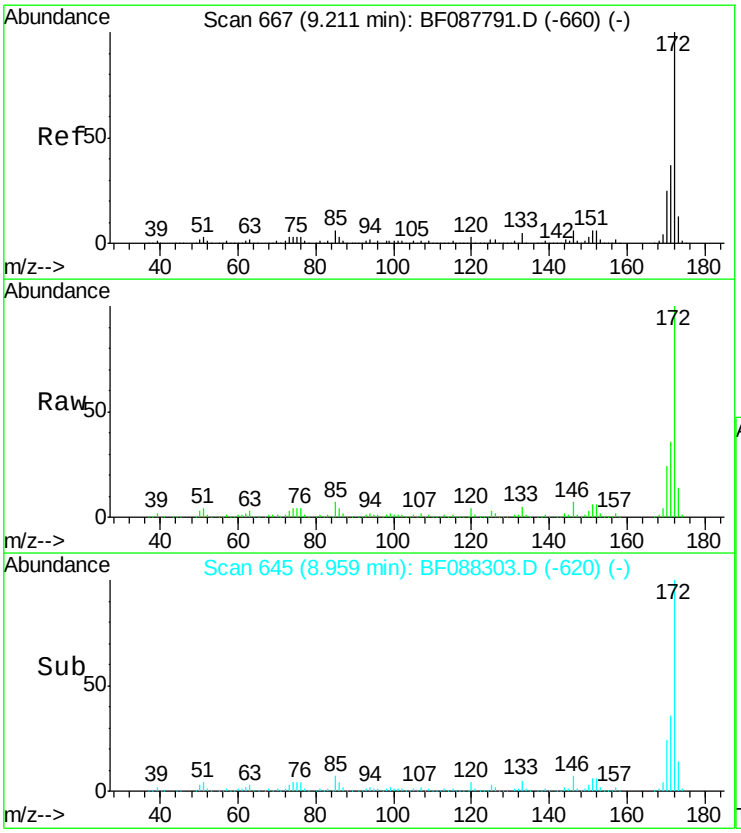
#41
2,4,6-Tribromophenol
Concen: 112.98 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:330 Resp: 191634

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	40.0	0.0	0.0#

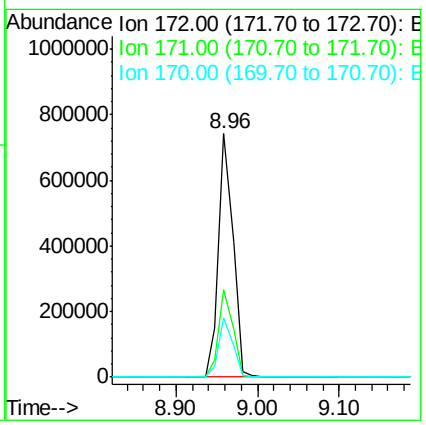


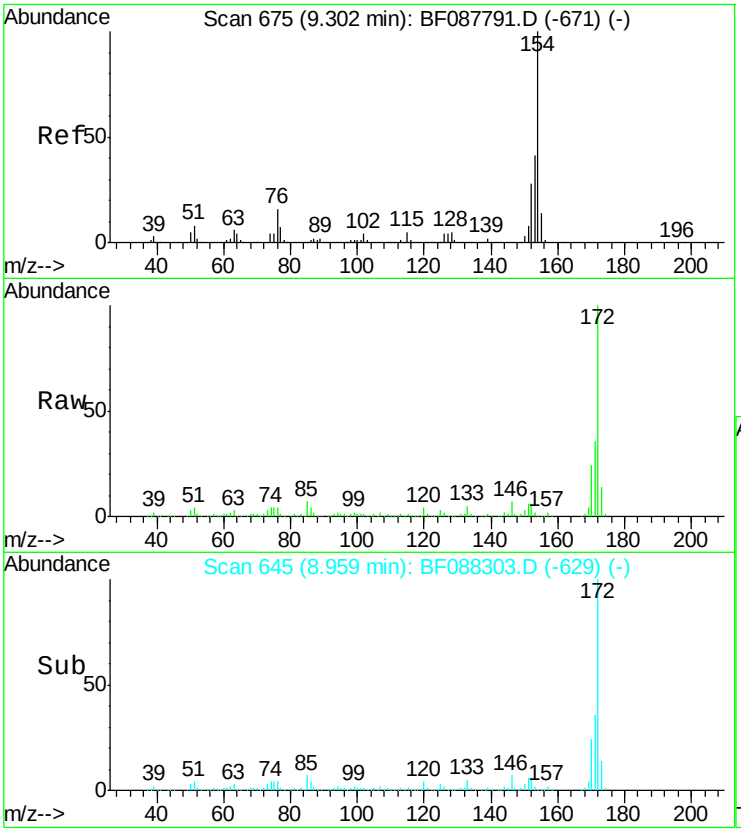


#44
2-Fluorobiphenyl
Concen: 89.58 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:172 Resp: 912965

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.2	28.8



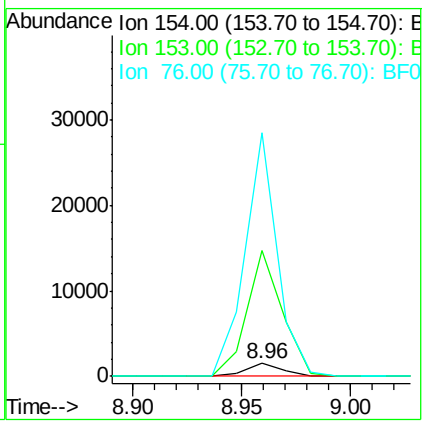


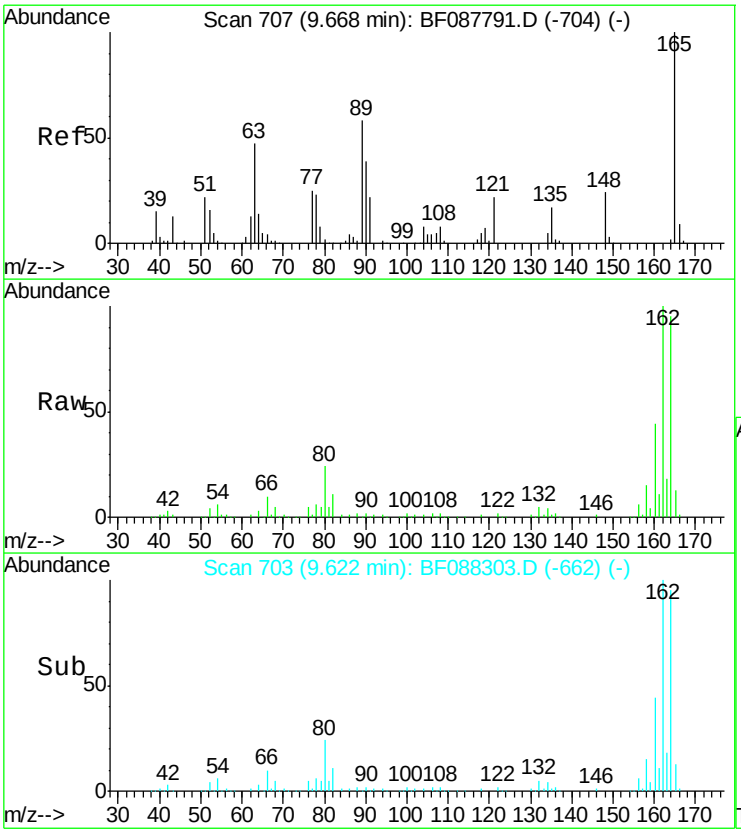
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.96 min Scan# 645
Delta R.T. -0.11 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:154 Resp: 1672

Ion	Ratio	Lower	Upper
154	100		
153	994.0	20.6	60.6#
76	1928.2	0.0	35.1#

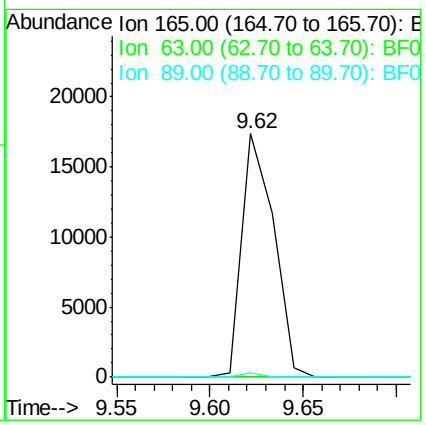


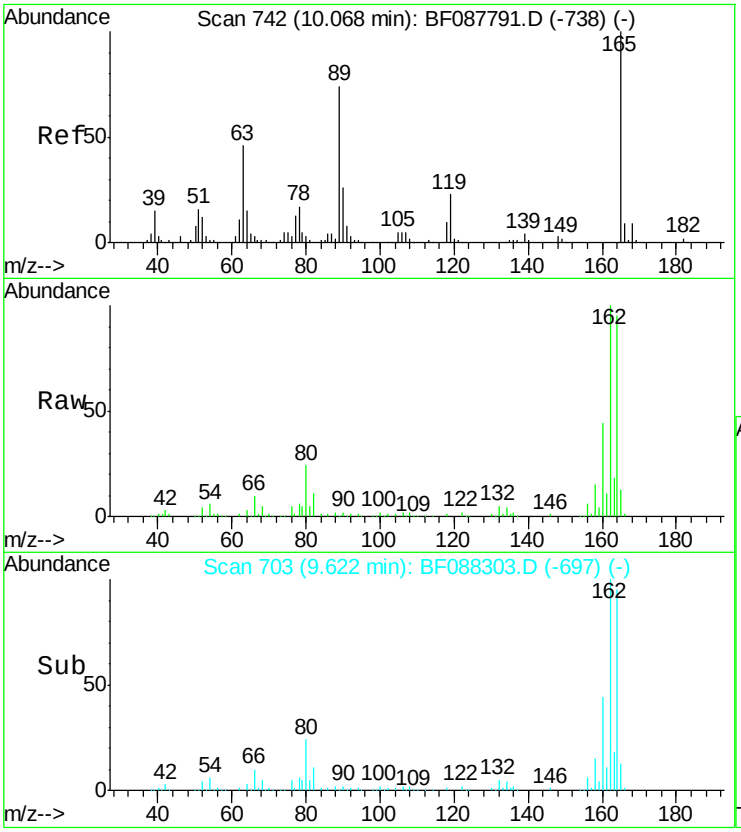


#50
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.17 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:165 Resp: 20641

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.7	32.2	48.2#



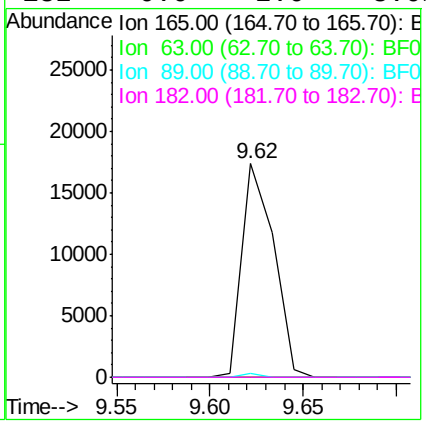


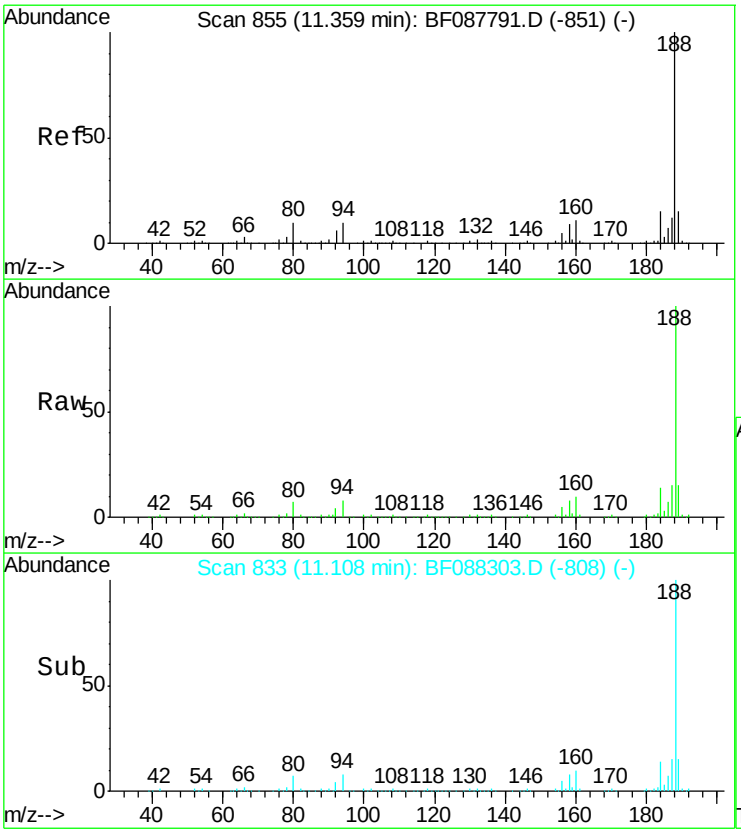
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.23 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:165 Resp: 20641

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

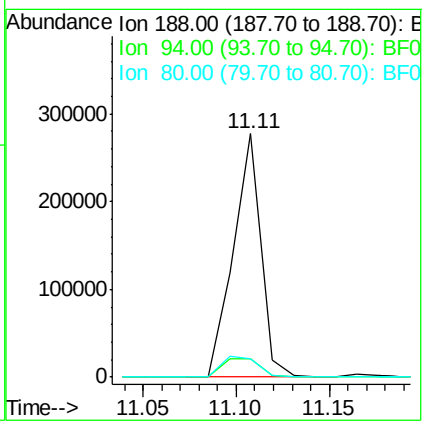


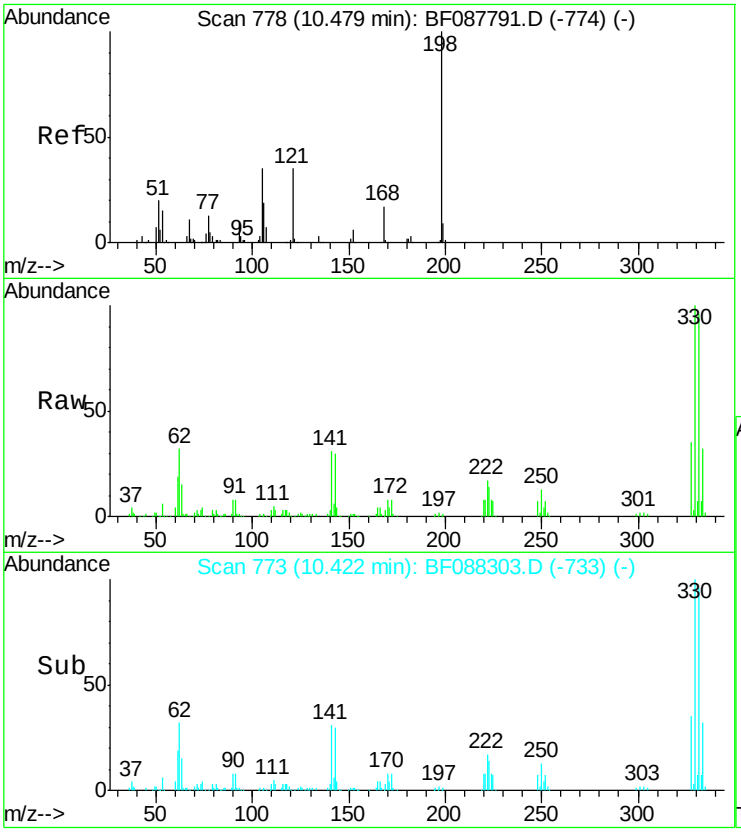


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:188 Resp: 286894

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.4	10.0	15.0#



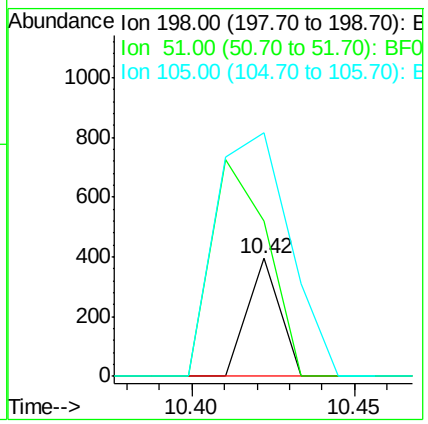


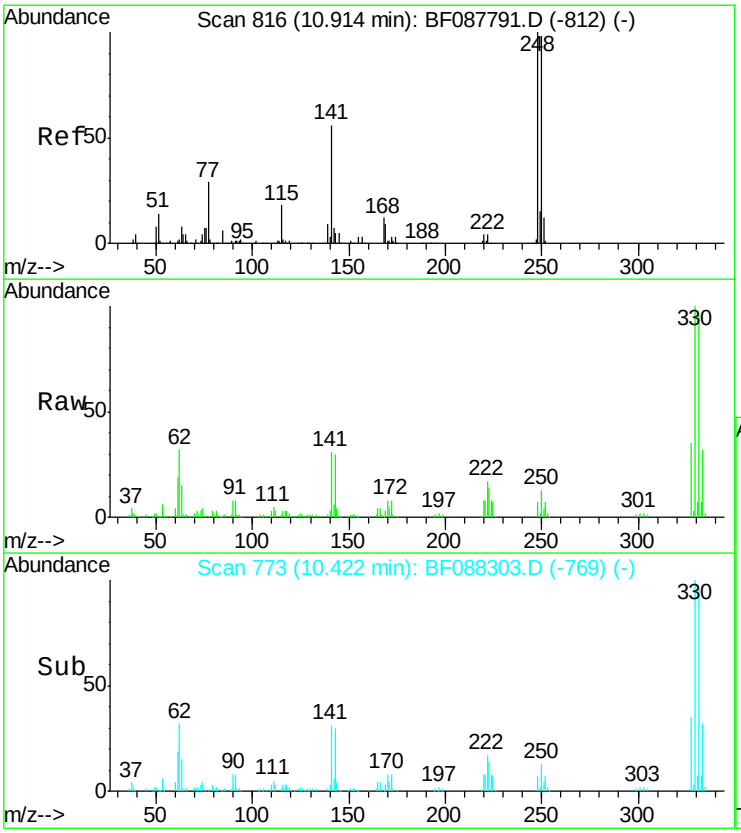
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:198 Resp: 270

Ion	Ratio	Lower	Upper
198	100		
51	132.2	39.6	79.6#
105	206.9	36.6	76.6#

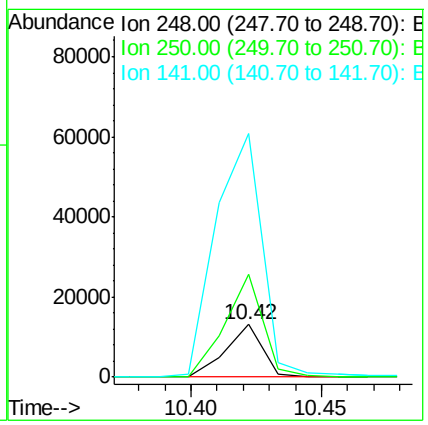


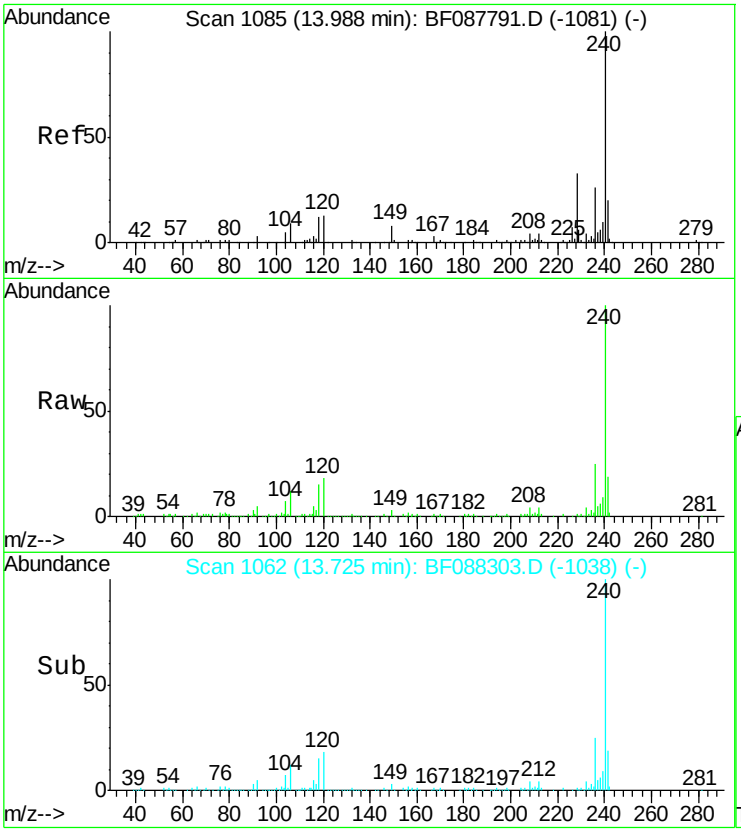


#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:248 Resp: 13012

Ion	Ratio	Lower	Upper
248	100		
250	195.7	77.1	115.7#
141	464.9	50.6	76.0#



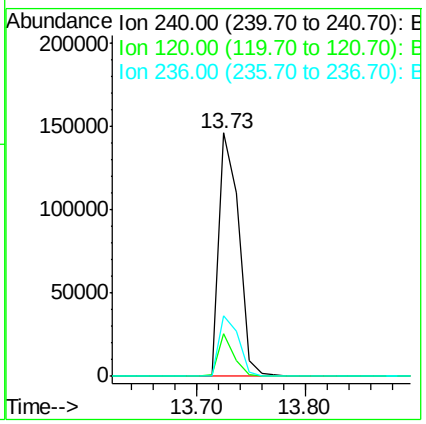


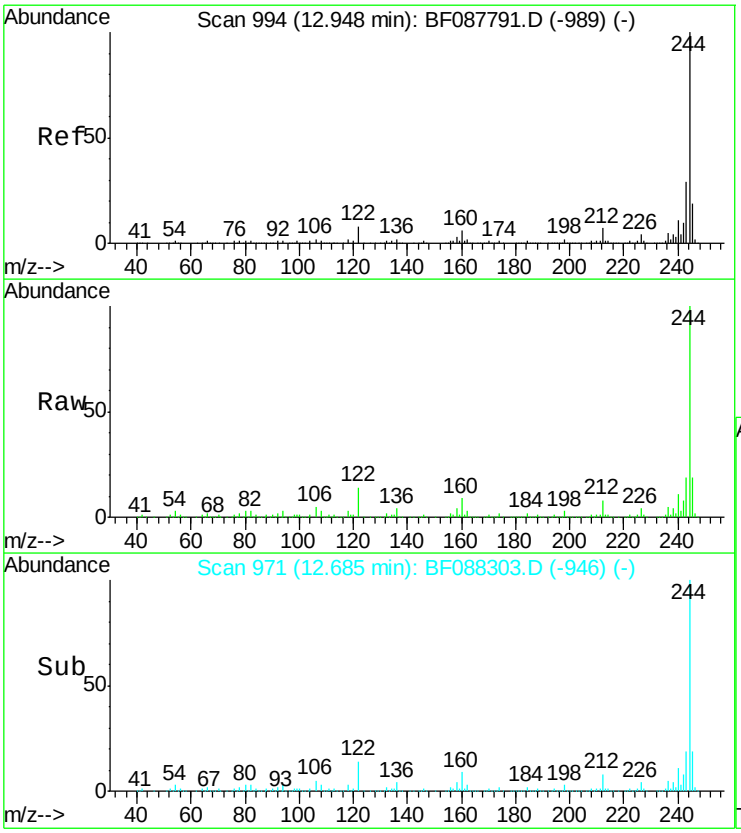
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:240 Resp: 185725

Ion	Ratio	Lower	Upper
240	100		
120	17.7	6.8	10.2#
236	24.7	20.2	30.2

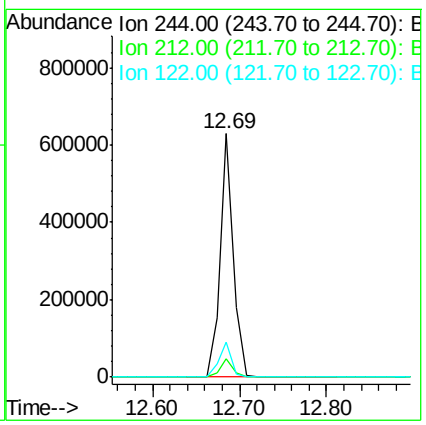


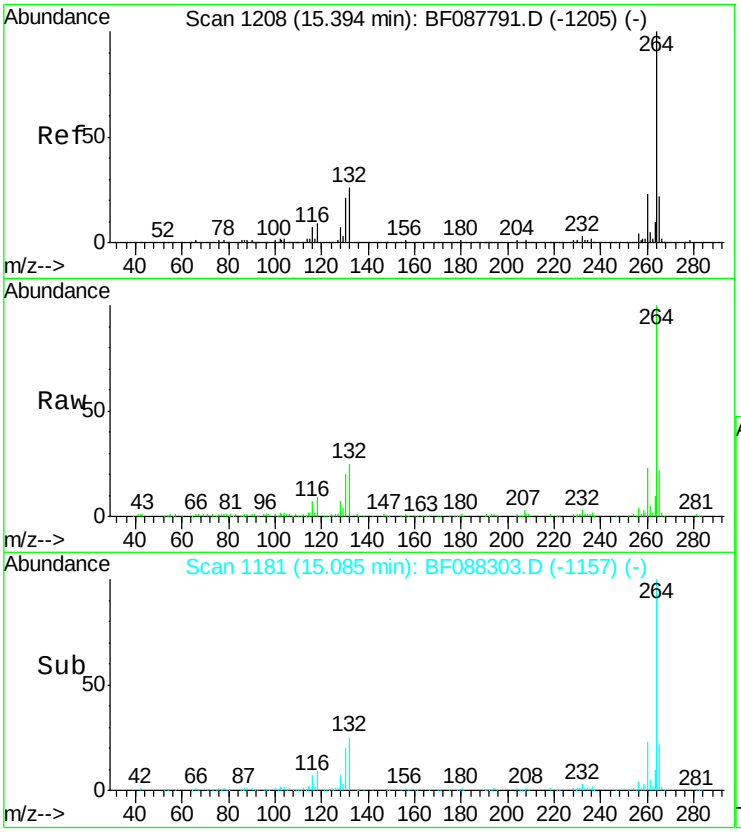


#78
Terphenyl-d14
Concen: 81.42 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Tgt Ion:244 Resp: 664493

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088303.D
Acq: 23 Jun 2016 22:12

Instrument :
BNA_F
ClientSampleId :
TE-MW2-15

Tgt Ion:264 Resp: 158729

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	16.9	25.3