Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
Data File : BF088251.D
Acq On : 22 Jun 2016 15:56
Operator : UM/SJ
Sample : H3514-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B200-C

Quant Time: Jun 22 16:55:16 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	6.60	152	82965	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	359330	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	170622	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	309277	20.00	ng		0.00
75) Chrysene-d12	13.75	240	274745	20.00	ng		0.00
86) Perylene-d12	15.11	264	201730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	699147	144.06	ng		0.01
7) Phenol-d6	6.26	99	839070	142.66	ng		0.00
23) Nitrobenzene-d5	7.18	82	543093	88.26	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	232894	129.27	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	947049	87.35	ng		0.00
78) Terphenyl-d14	12.70	244	854909	70.81	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.27	94	4762	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.18	70	71212	18.93	ng	#	69
25) Isophorone	7.18	82	543082	47.65	ng	#	65
45) 1,1'-Biphenyl	8.97	154	1920	Below Cal		#	1
49) Dimethylphthalate	9.37	163	274788	22.23	ng		99
56) 2,4-Dinitrotoluene	9.63	165	21795	5.99	ng	#	37
57) Fluorene	10.42	166	9579	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.42	198	280	2.30	ng	#	1
66) 4-Bromophenyl-phenylether	10.42	248	14090	4.25	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
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Acq On : 22 Jun 2016 15:56
Operator : UM/SJ
Sample : H3514-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5-B200-C

Quant Time: Jun 22 16:55:16 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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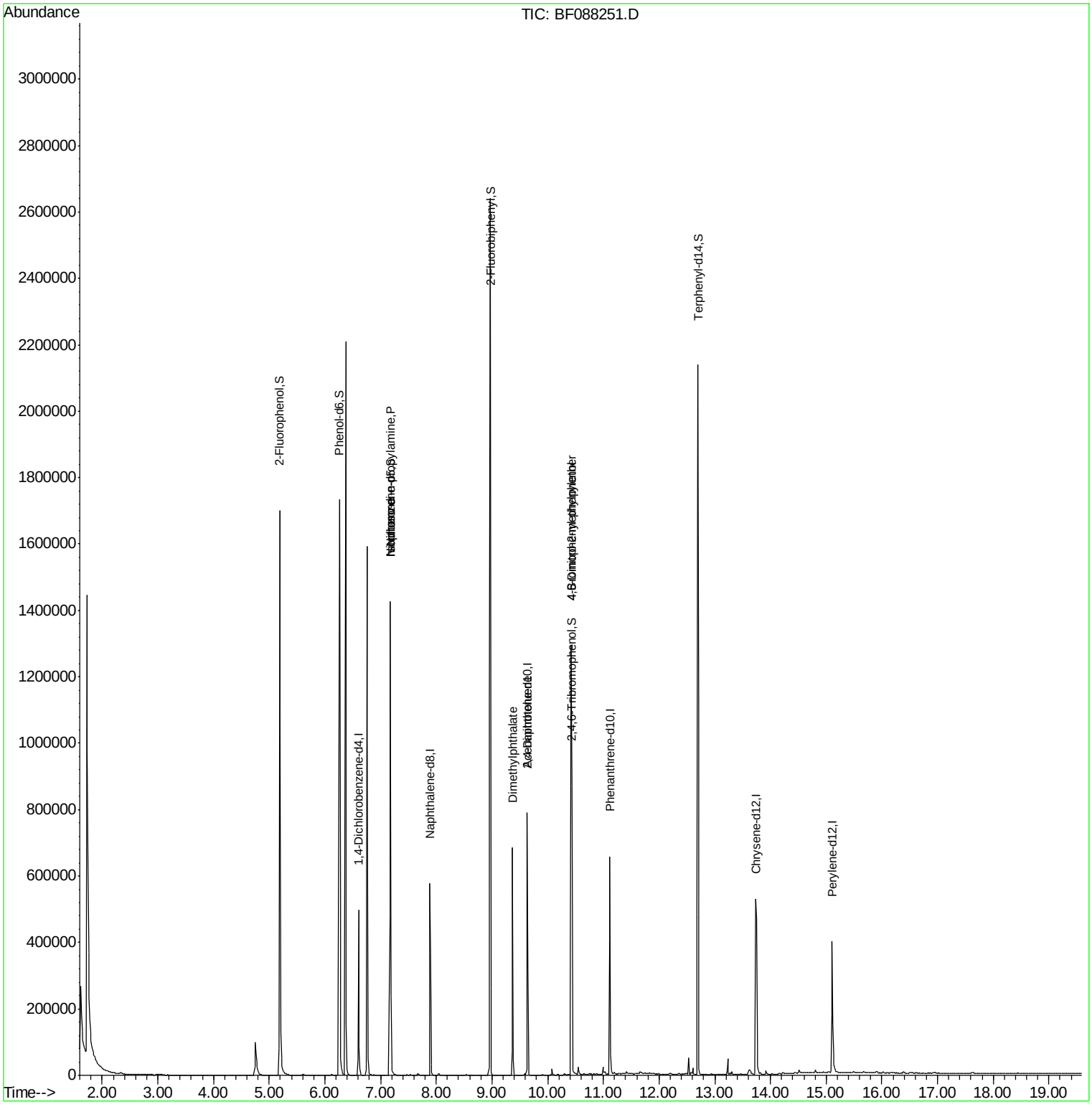
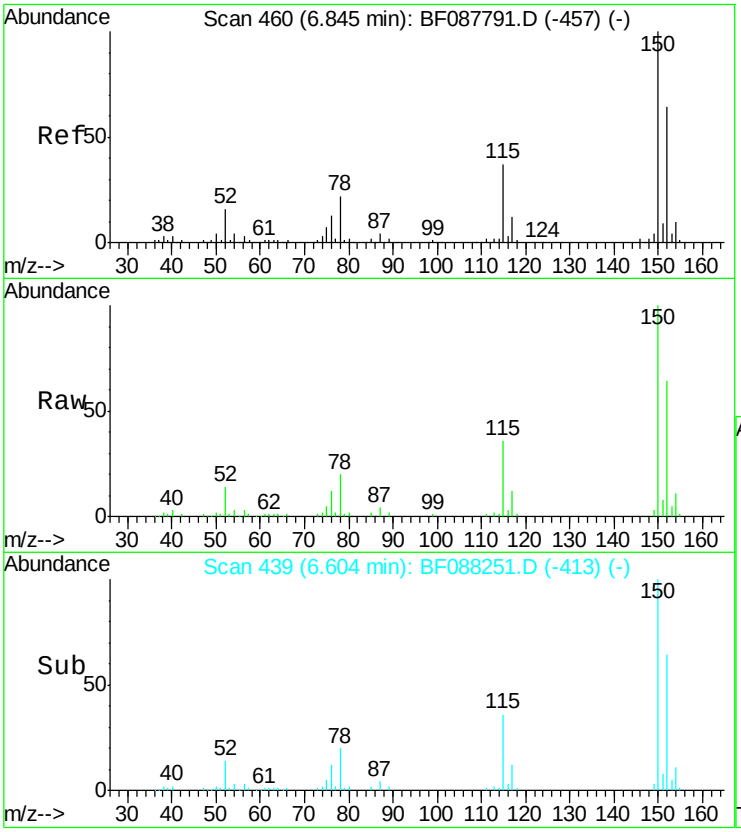


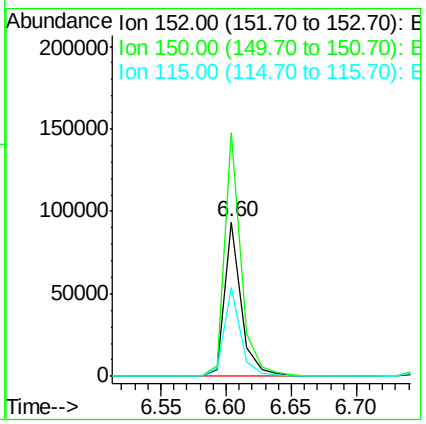


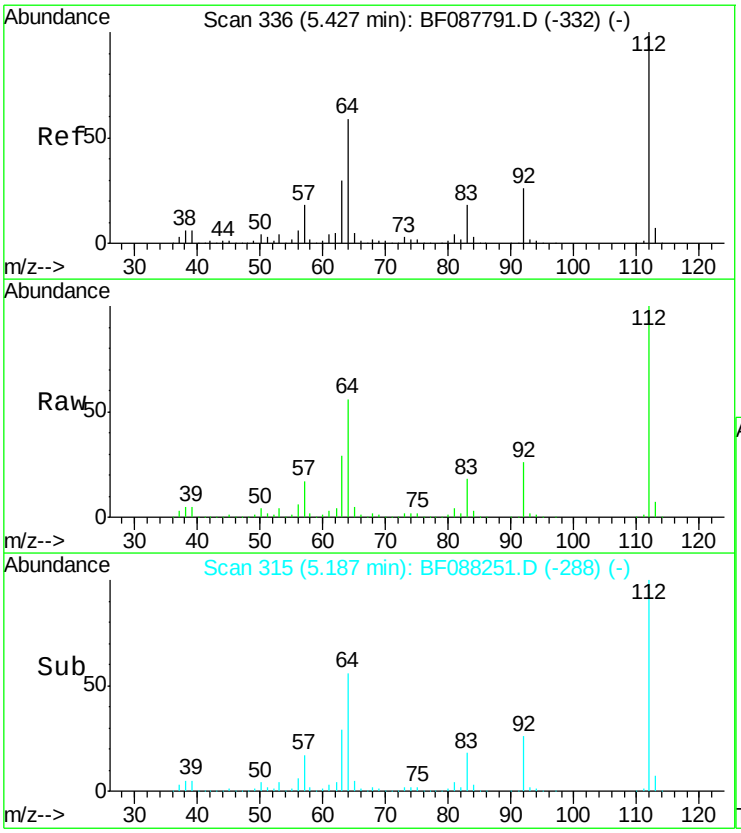
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:152 Resp: 82965

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	57.1	39.6	59.4

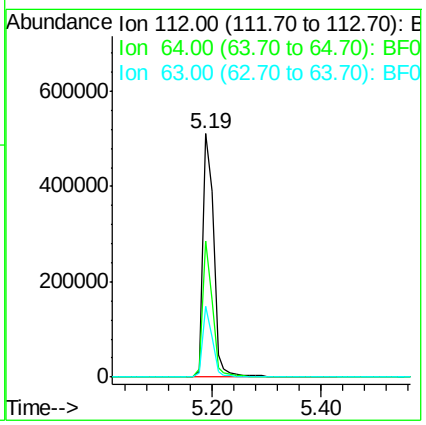


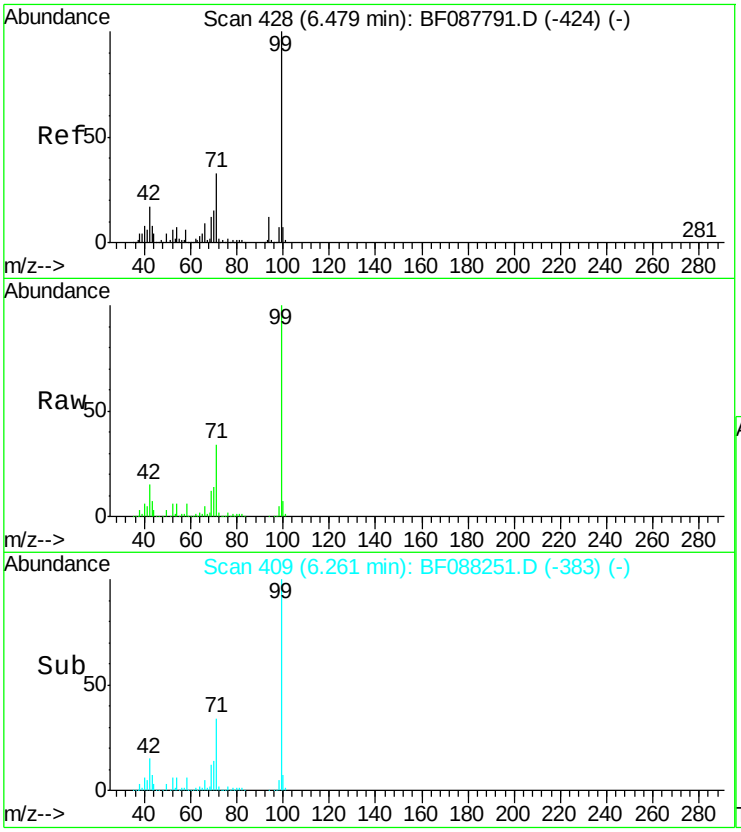


#5
2-Fluorophenol
Concen: 144.06 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:112 Resp: 699147

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.2	63.2
63	29.0	21.8	32.8



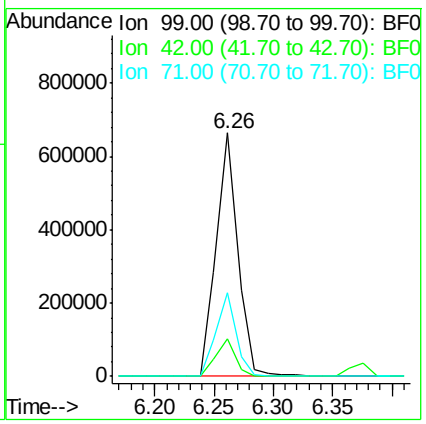


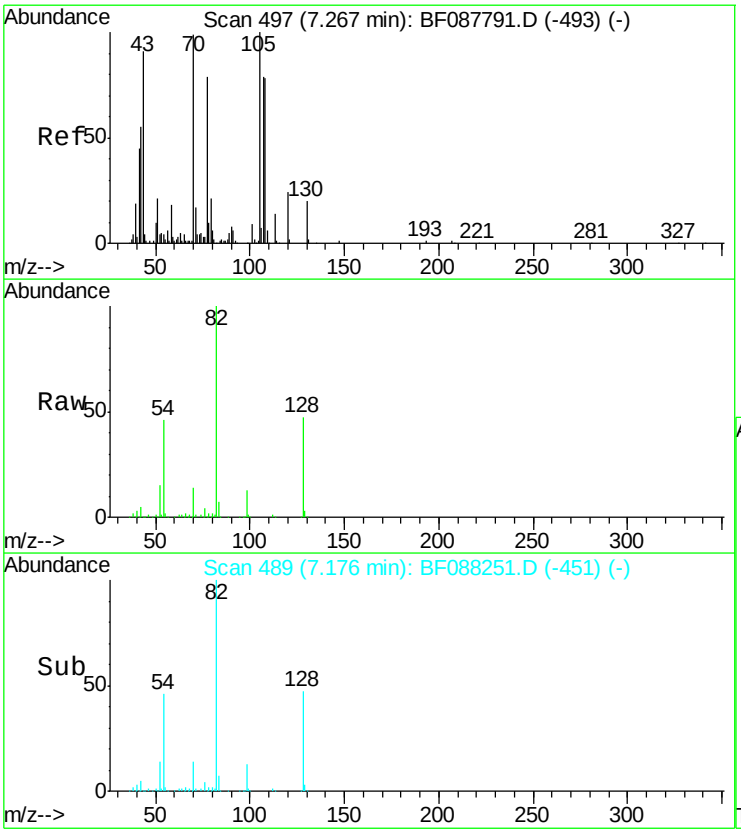
#7
Phenol-d6
Concen: 142.66 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion: 99 Resp: 839070

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	34.3	23.4	35.0

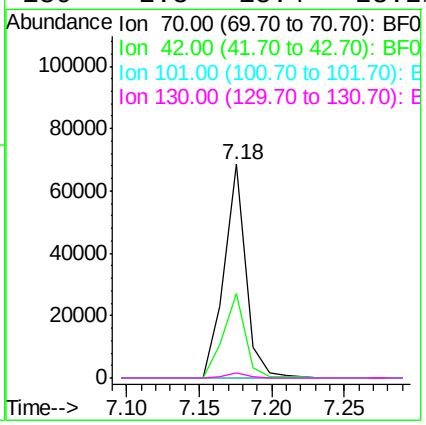


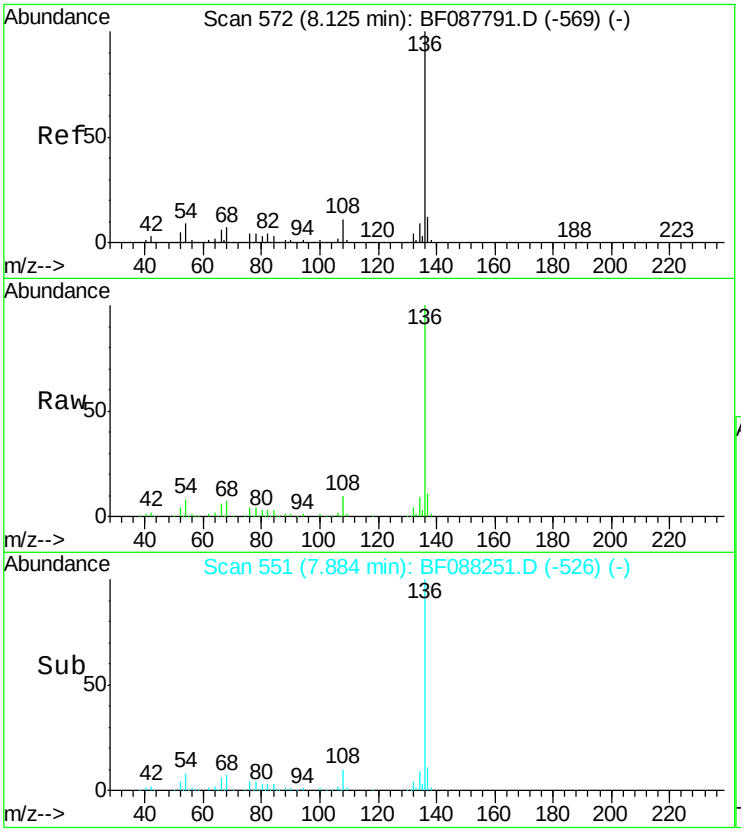


#19
n-Nitroso-di-n-propylamine
Concen: 18.93 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion: 70 Resp: 71212

Ion	Ratio	Lower	Upper
70	100		
42	39.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



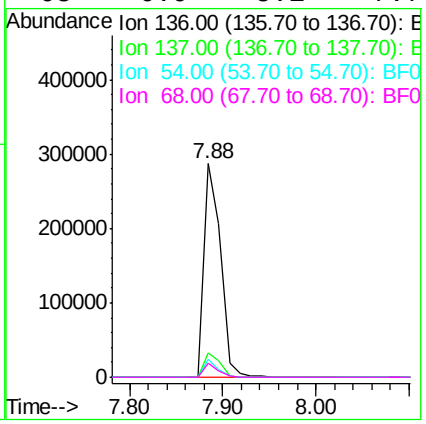


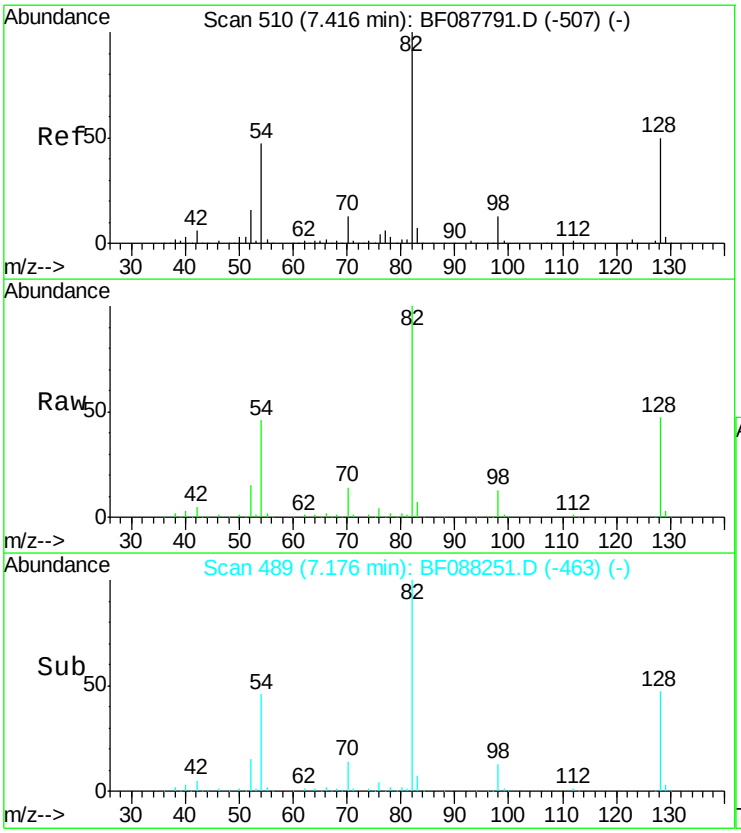
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:136 Resp: 359330

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.4	6.6	10.0
68	6.9	5.1	7.7

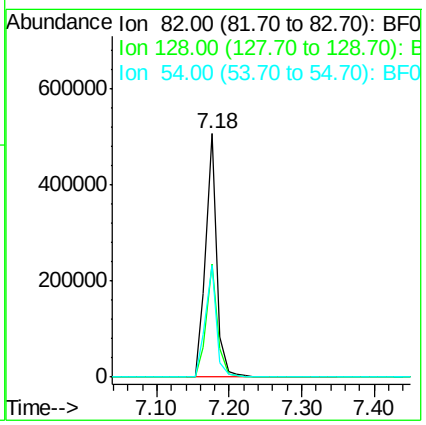


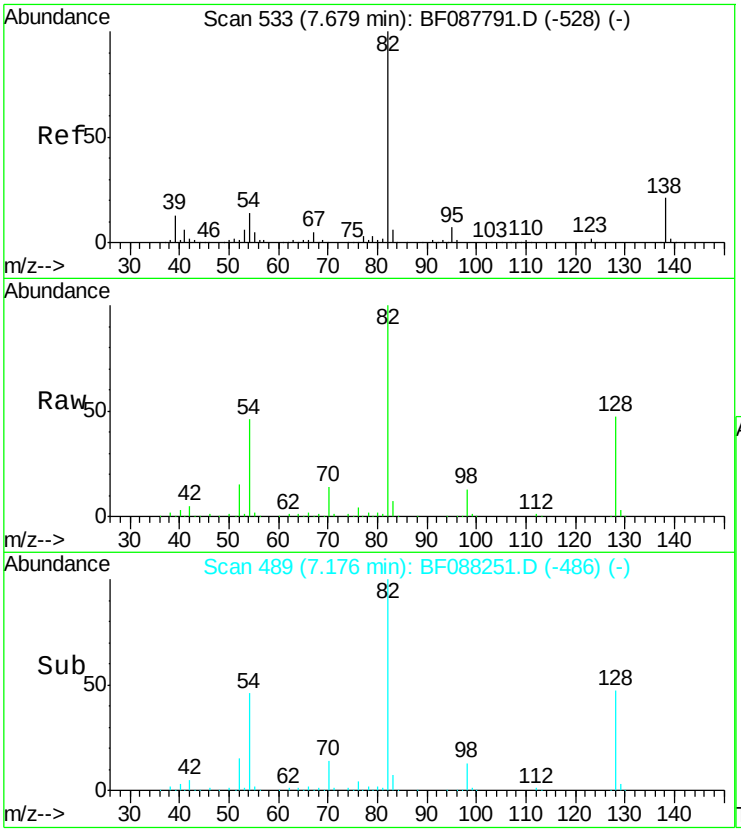


#23
Nitrobenzene-d5
Concen: 88.26 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion: 82 Resp: 543093

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.9	53.9
54	45.9	40.9	61.3



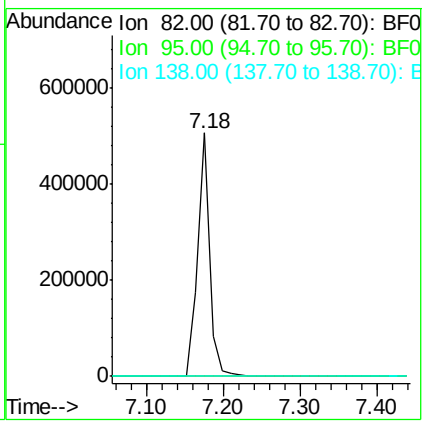


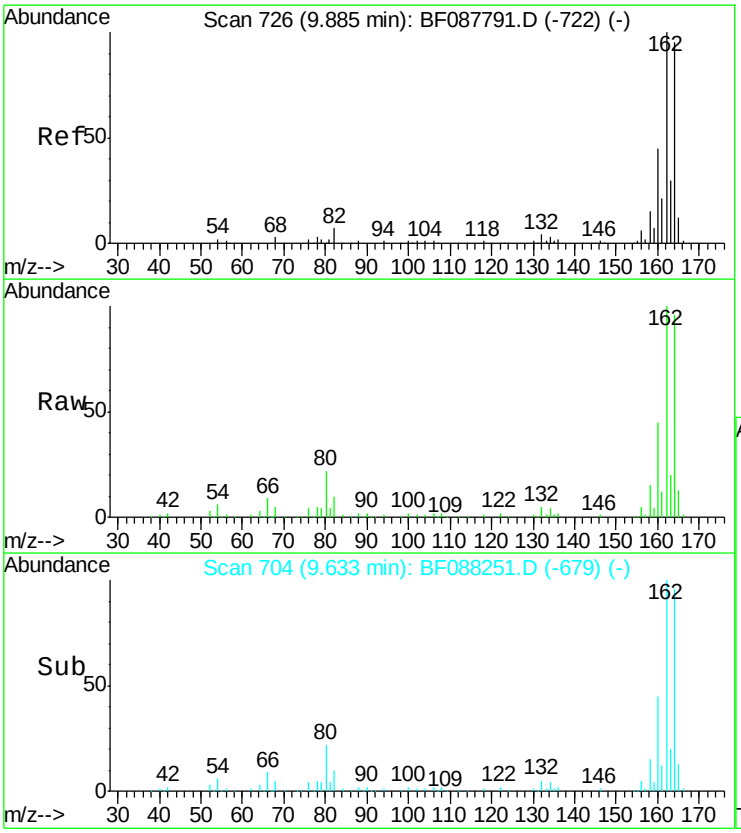
#25
Isophorone
Concen: 47.65 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion: 82 Resp: 543082

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

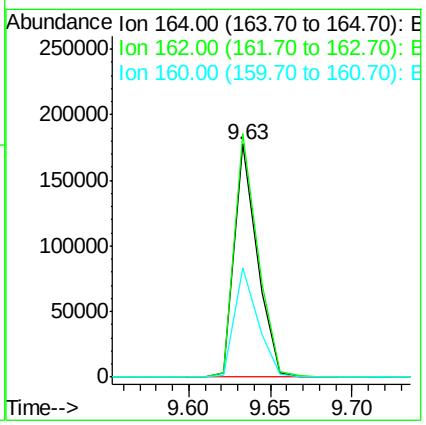


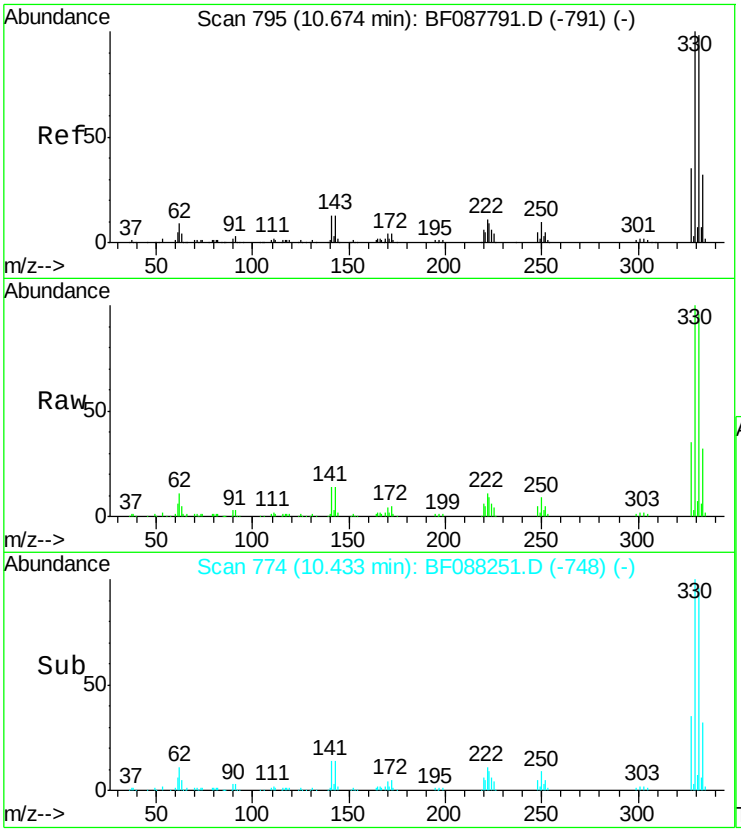


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:164 Resp: 170622

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	47.1	39.5	59.3



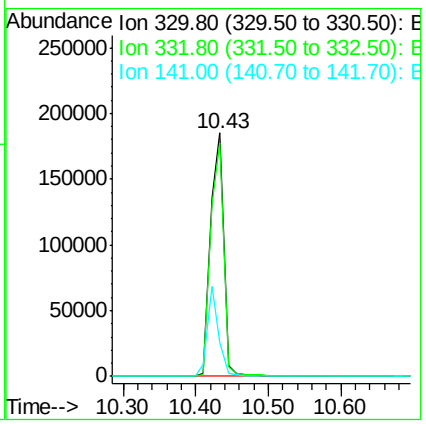


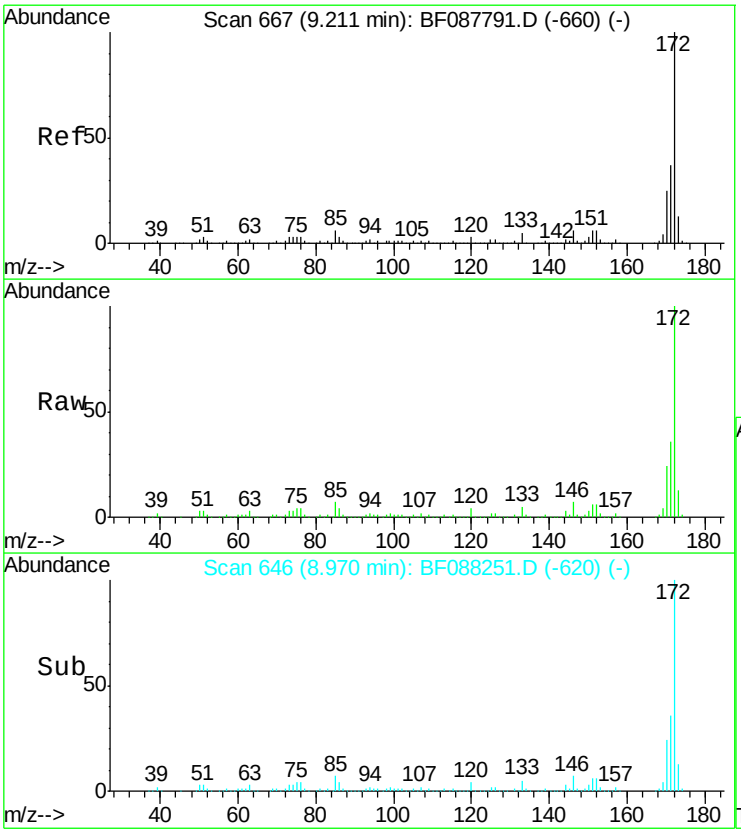
#41
2,4,6-Tribromophenol
Concen: 129.27 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:330 Resp: 232894

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	31.6	0.0	0.0#

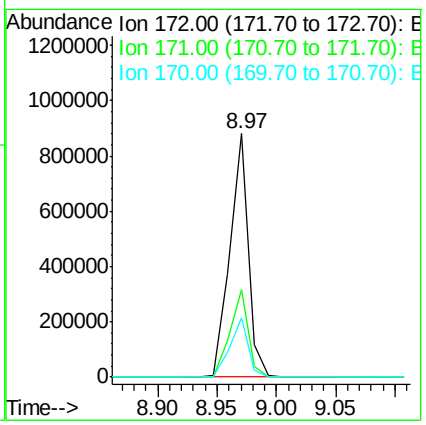


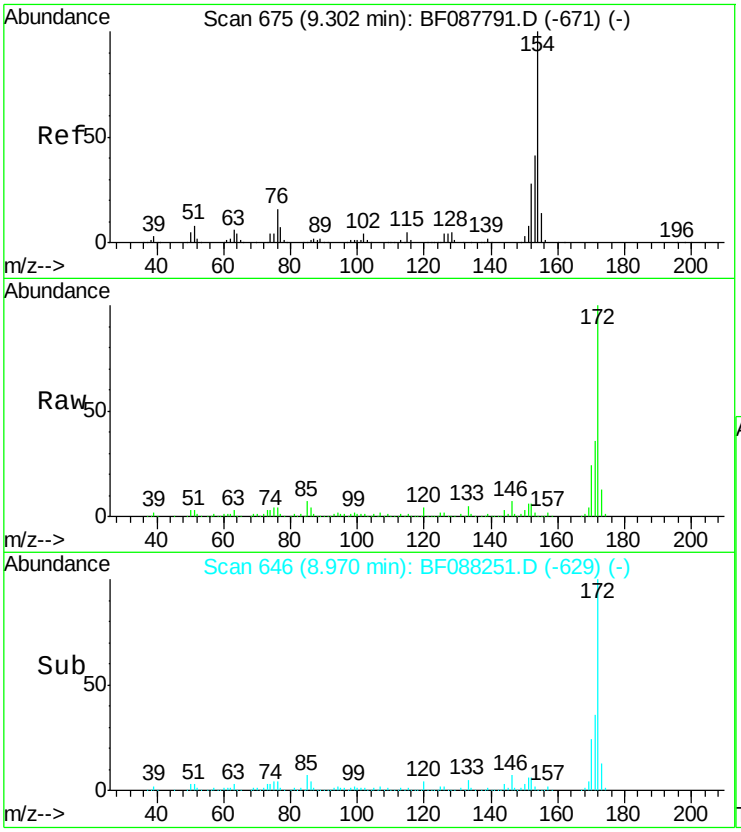


#44
2-Fluorobiphenyl
Concen: 87.35 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:172 Resp: 947049

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8



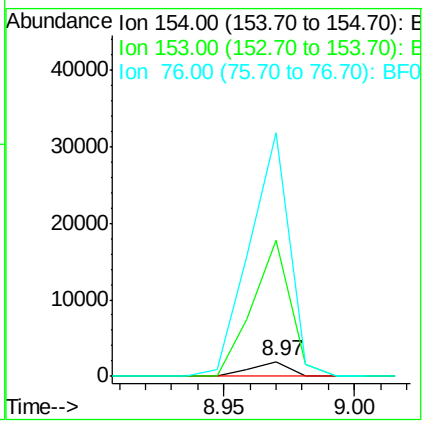


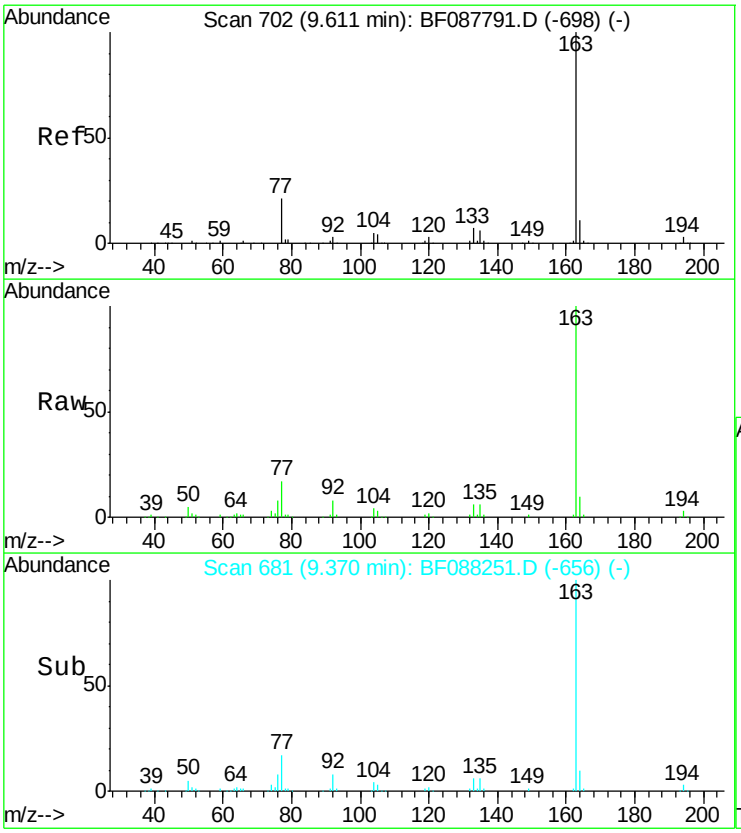
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:154 Resp: 1920

Ion	Ratio	Lower	Upper
154	100		
153	923.6	20.6	60.6#
76	1648.5	0.0	35.1#

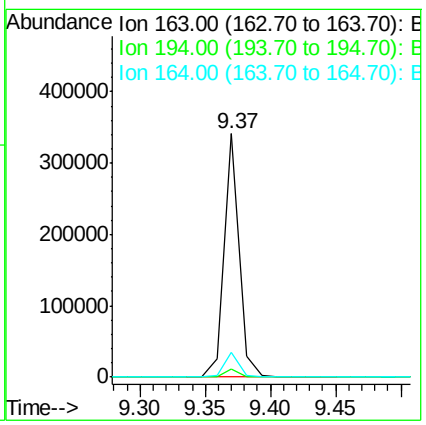


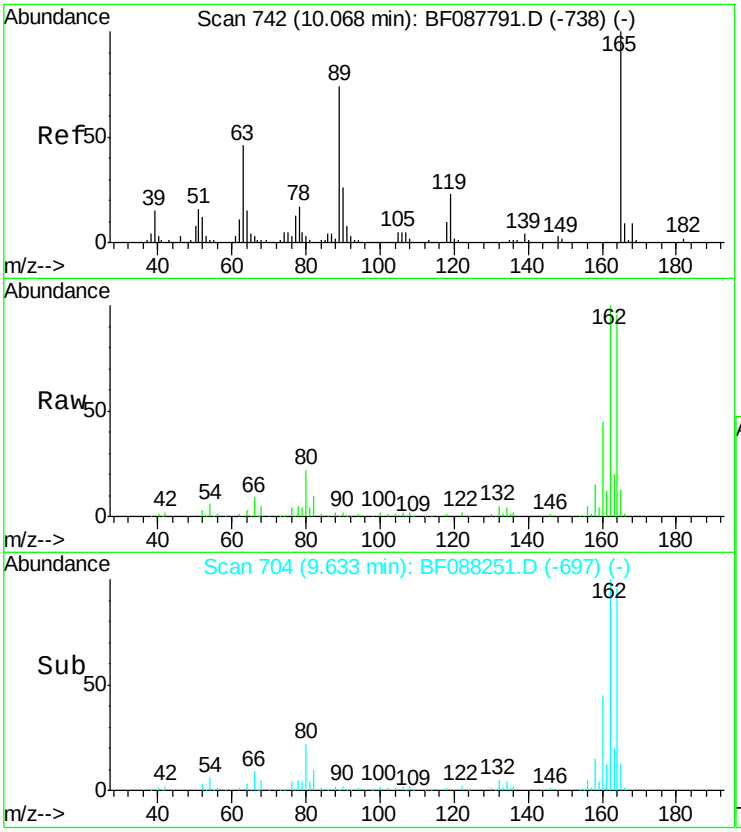


#49
Dimethylphthalate
Concen: 22.23 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:163 Resp: 274788

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5



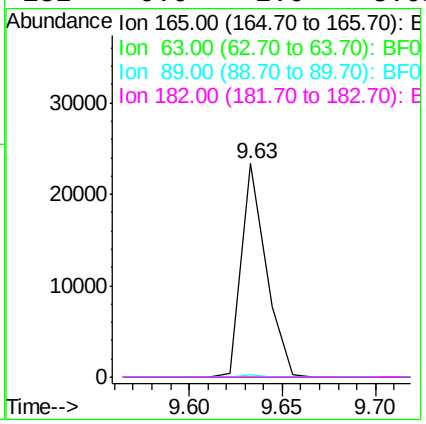


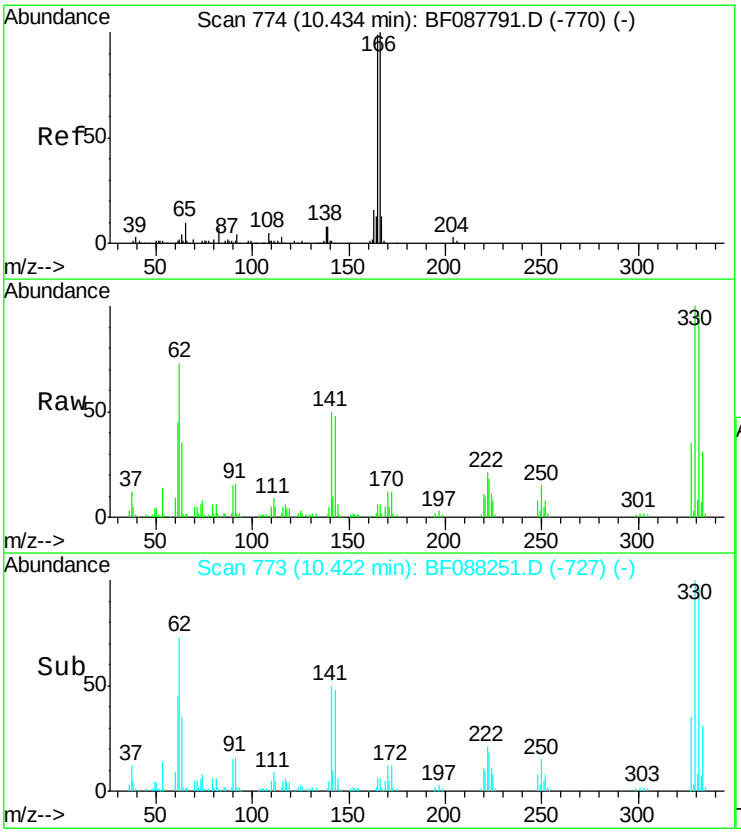
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:165 Resp: 21795

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

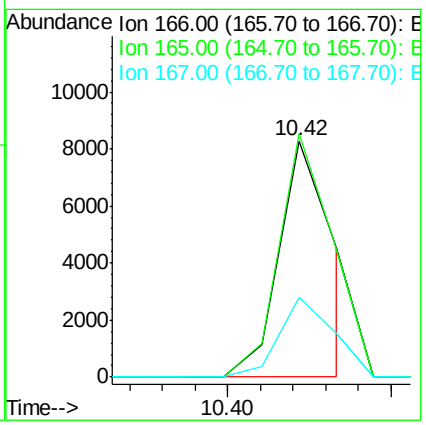


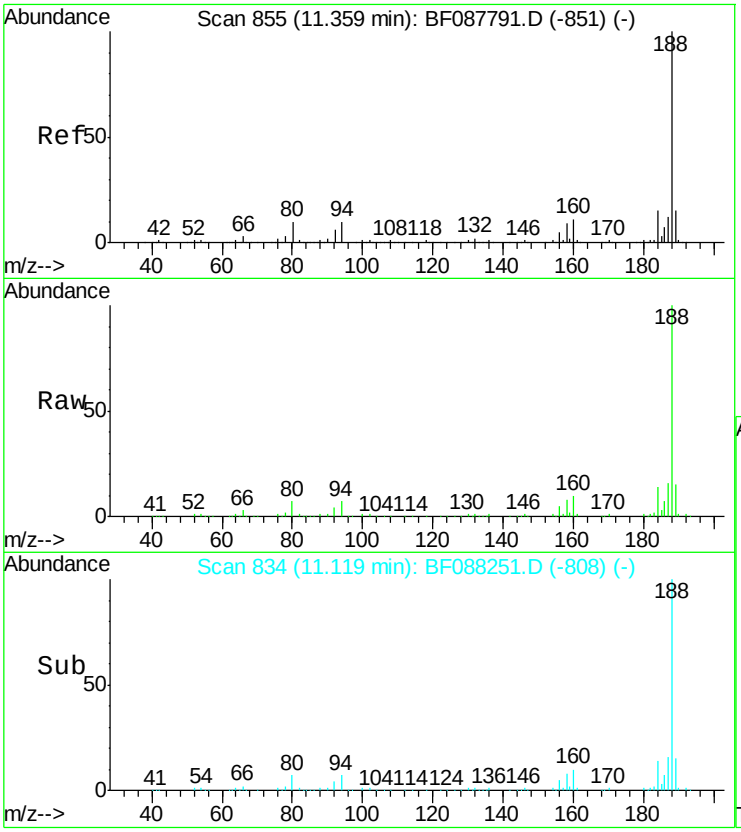


#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 773
Delta R.T. 0.23 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:166 Resp: 9579

Ion	Ratio	Lower	Upper
166	100		
165	103.1	77.8	116.8
167	34.0	11.2	16.8#



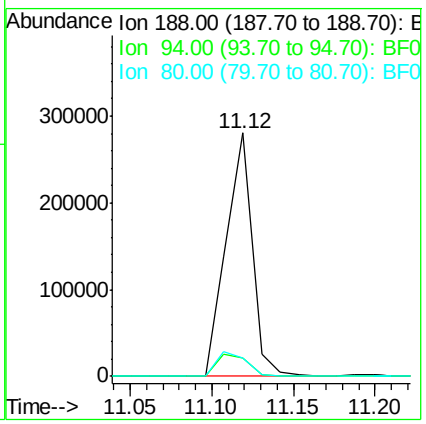


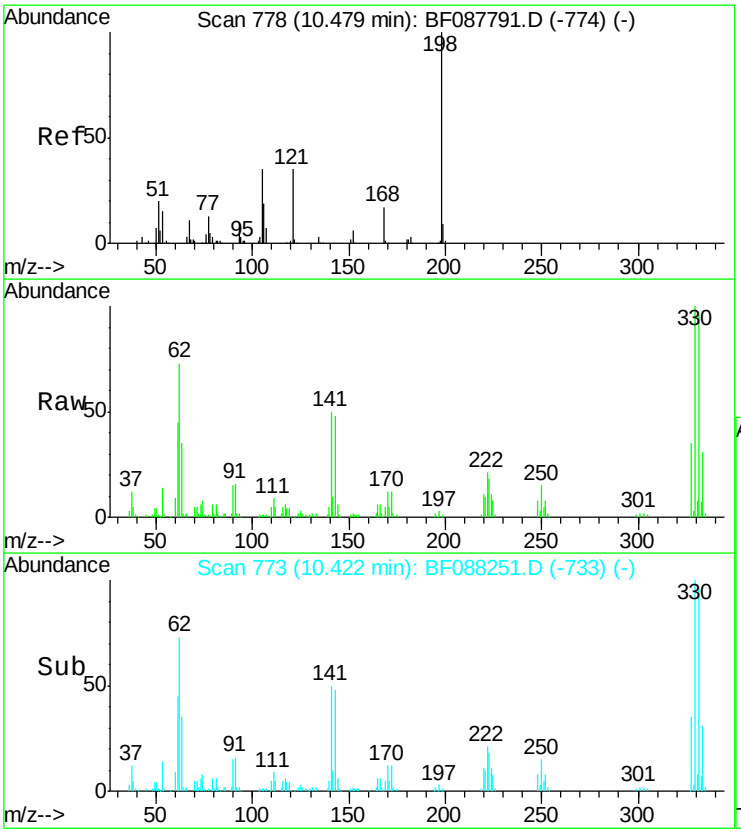
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:188 Resp: 309277

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.4	10.0	15.0#

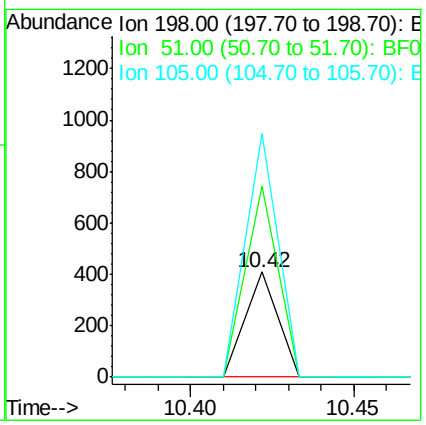


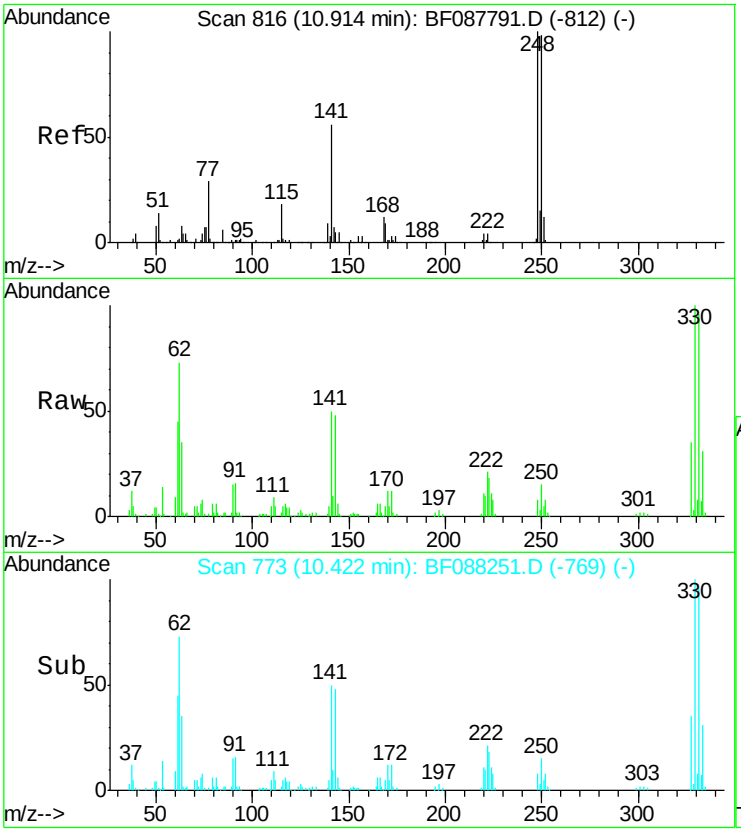


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:198 Resp: 280

Ion	Ratio	Lower	Upper
198	100		
51	182.6	39.6	79.6#
105	232.1	36.6	76.6#



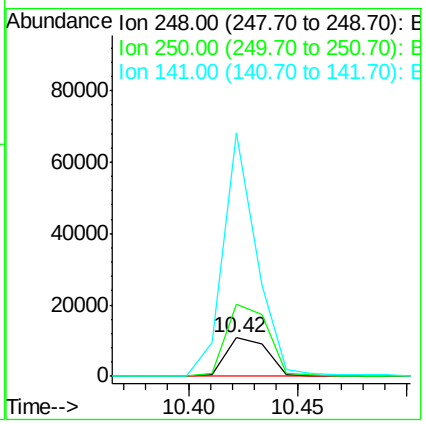


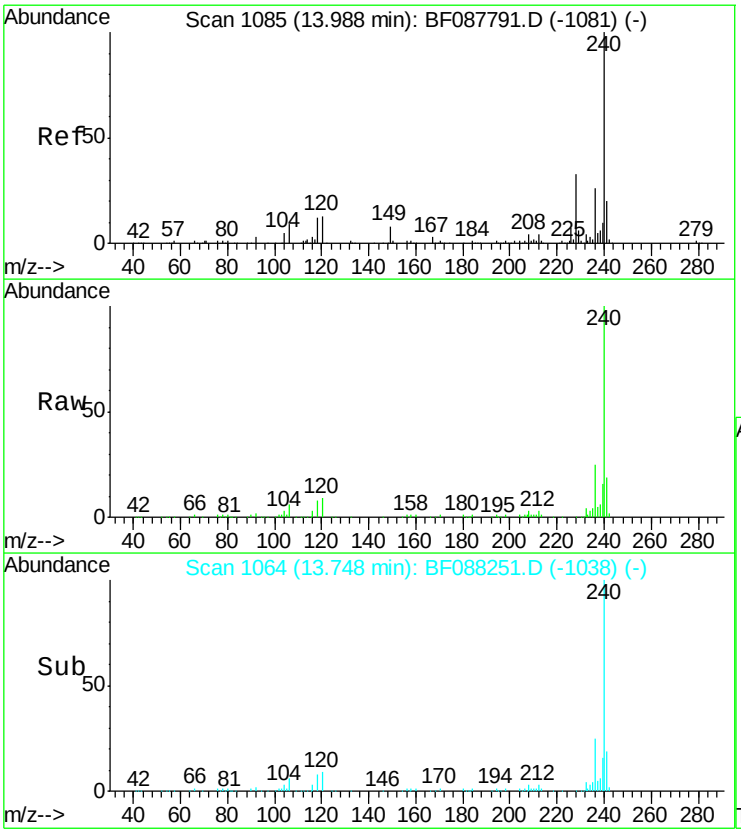
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:248 Resp: 14090

Ion	Ratio	Lower	Upper
248	100		
250	189.9	77.1	115.7#
141	636.8	50.6	76.0#

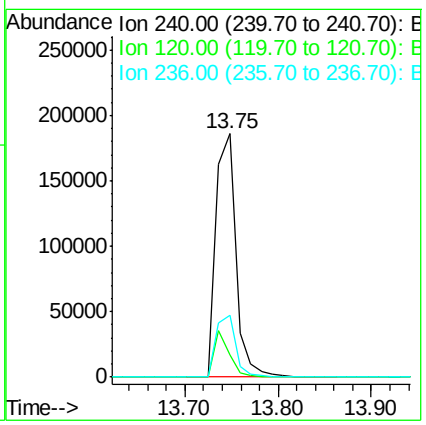


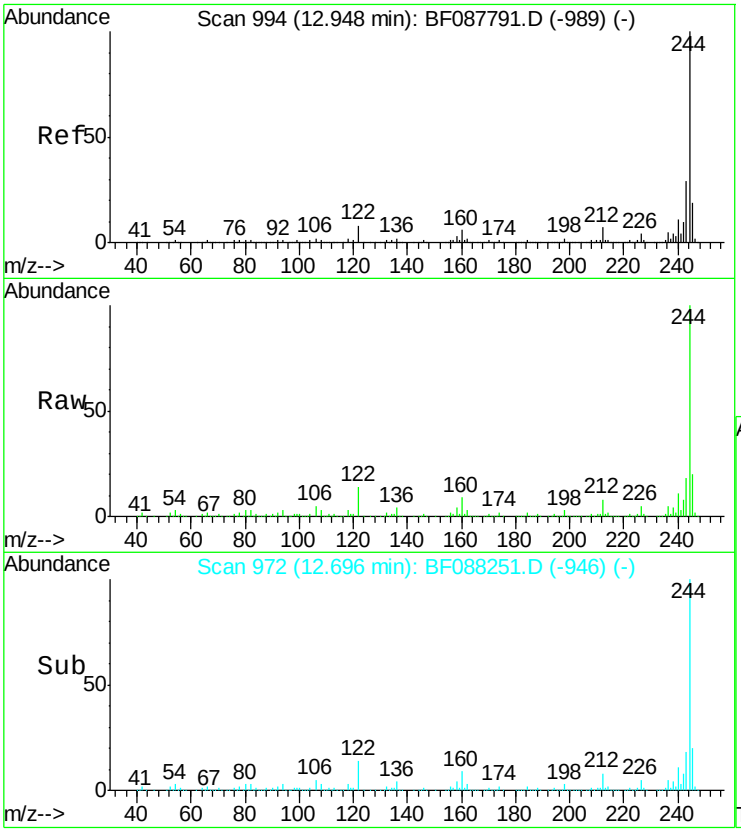


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:240 Resp: 274745

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.8	10.2
236	25.4	20.2	30.2



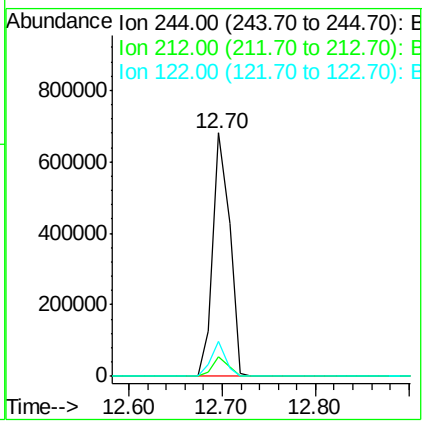


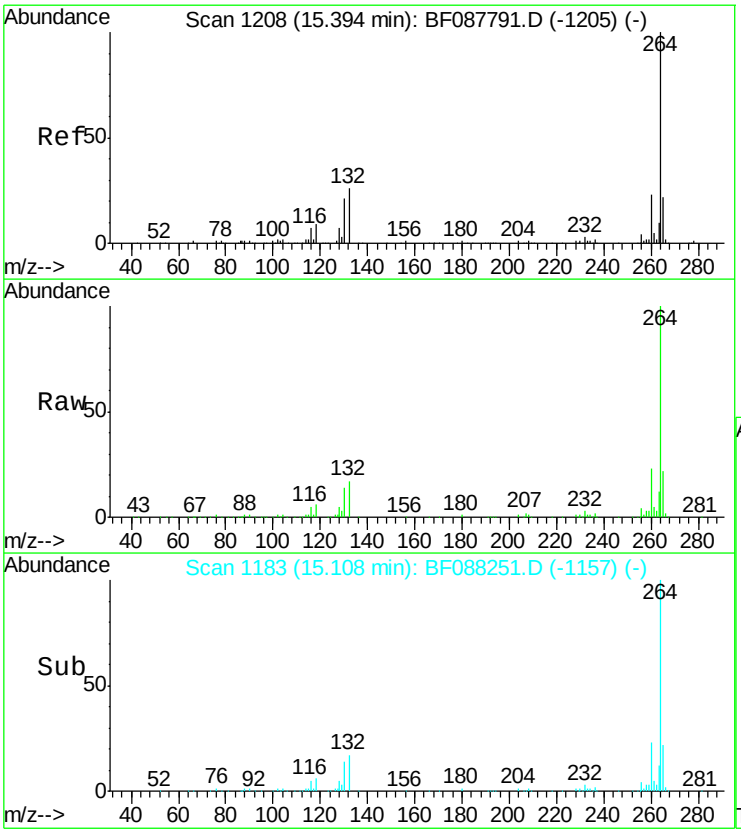
#78
Terphenyl-d14
Concen: 70.81 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Instrument :
BNA_F
ClientSampleId :
S5-B200-C

Tgt Ion:244 Resp: 854909

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF088251.D
Acq: 22 Jun 2016 15:56

Tgt Ion:264 Resp: 201730

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	16.9	25.3