Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
Data File : BF088045.D
Acq On : 15 Jun 2016 20:37
Operator : UM/SJ
Sample : H3609-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 181-04-SE-06142016

Quant Time: Jun 16 03:09:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105871	20.00	ng		-0.05
21) Naphthalene-d8	8.03	136	395168	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	178009	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	269677	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	204665	20.00	ng		-0.07
86) Perylene-d12	15.29	264	200260	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	633064	102.22	ng		-0.05
7) Phenol-d6	6.39	99	811292	108.10	ng		-0.05
23) Nitrobenzene-d5	7.31	82	558741	82.57	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	158428	84.29	ng		-0.06
44) 2-Fluorobiphenyl	9.11	172	805747	70.14	ng		-0.06
78) Terphenyl-d14	12.85	244	568666	63.23	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.40	94	16071	Below Cal			100
19) n-Nitroso-di-n-propylamine	7.31	70	72862	15.18	ng	#	70
45) 1,1'-Biphenyl	9.11	154	1545	Below Cal		#	1
49) Dimethylphthalate	9.51	163	196850	15.27	ng		98
56) 2,4-Dinitrotoluene	9.78	165	22531	5.94	ng	#	37
57) Fluorene	10.57	166	8895	Below Cal		#	92
64) 4,6-Dinitro-2-methylphenol	10.57	198	289	2.33	ng	#	2
66) 4-Bromophenyl-phenylether	10.57	248	11081	3.83	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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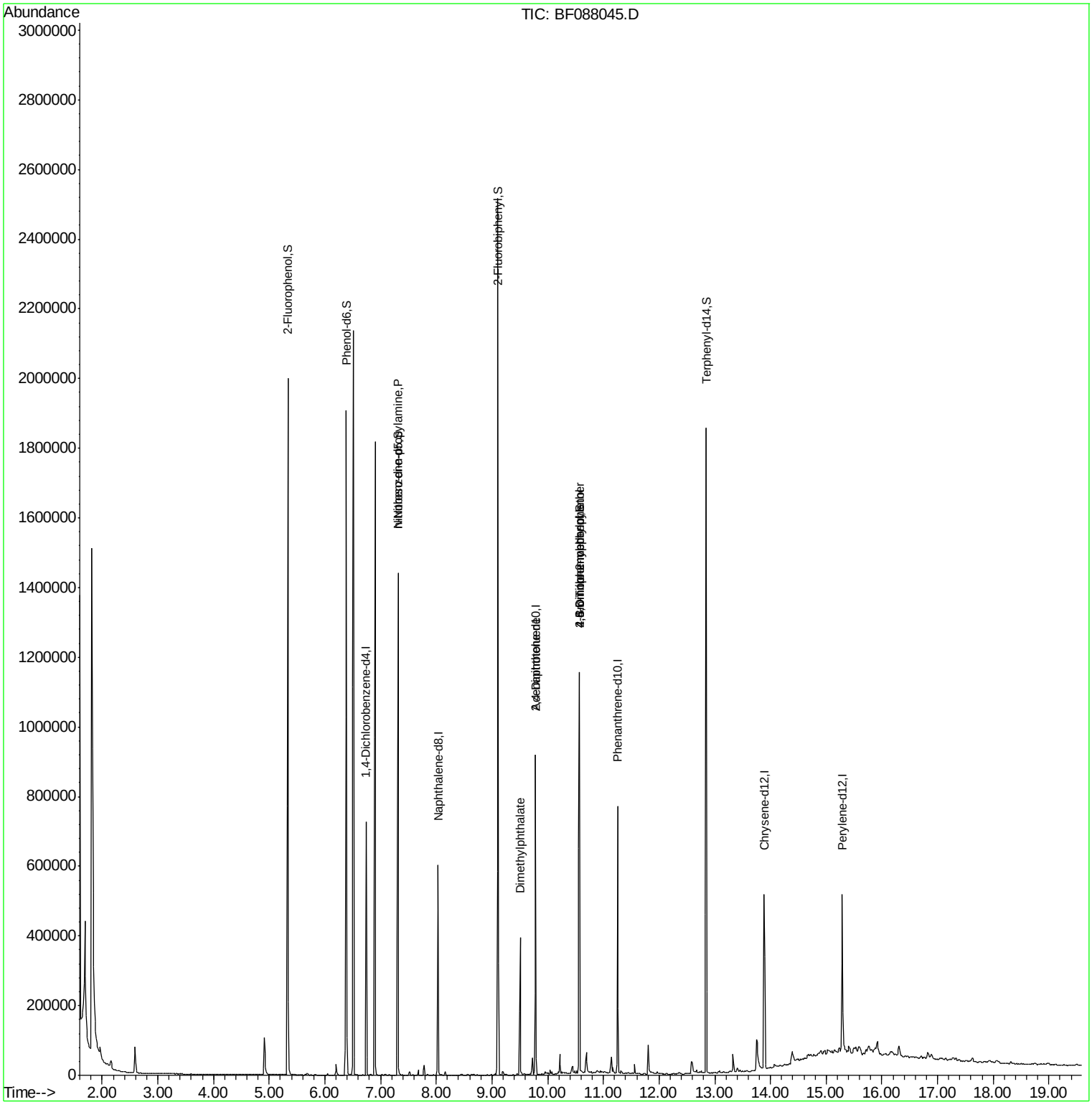
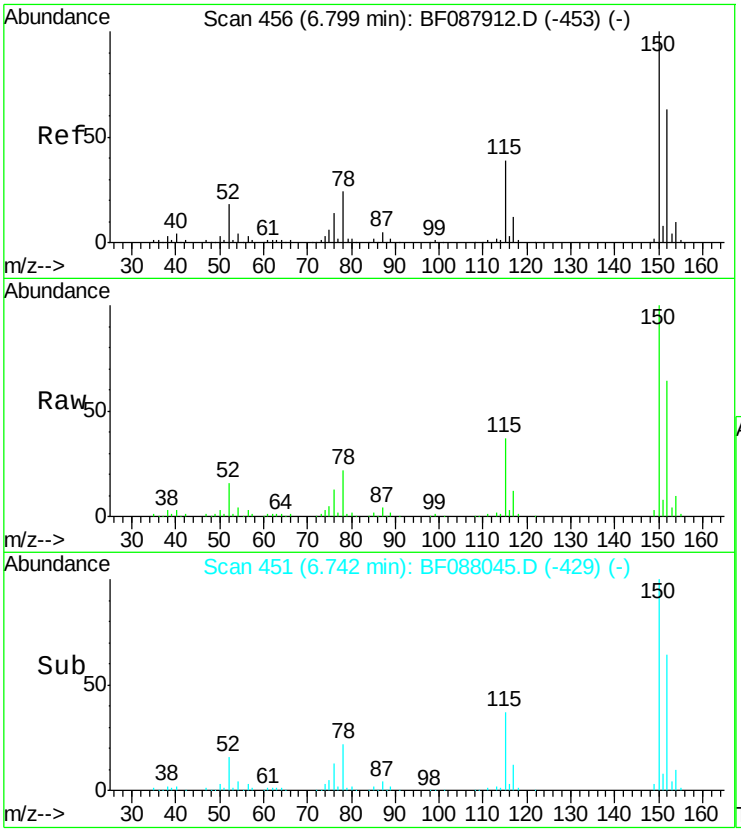


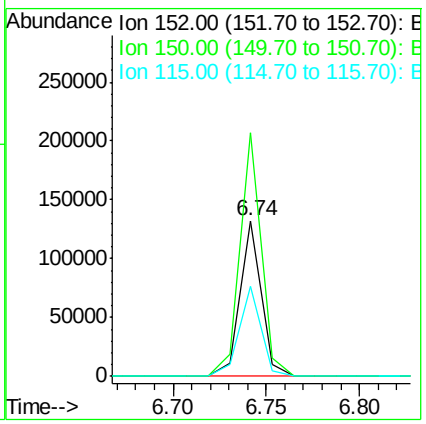


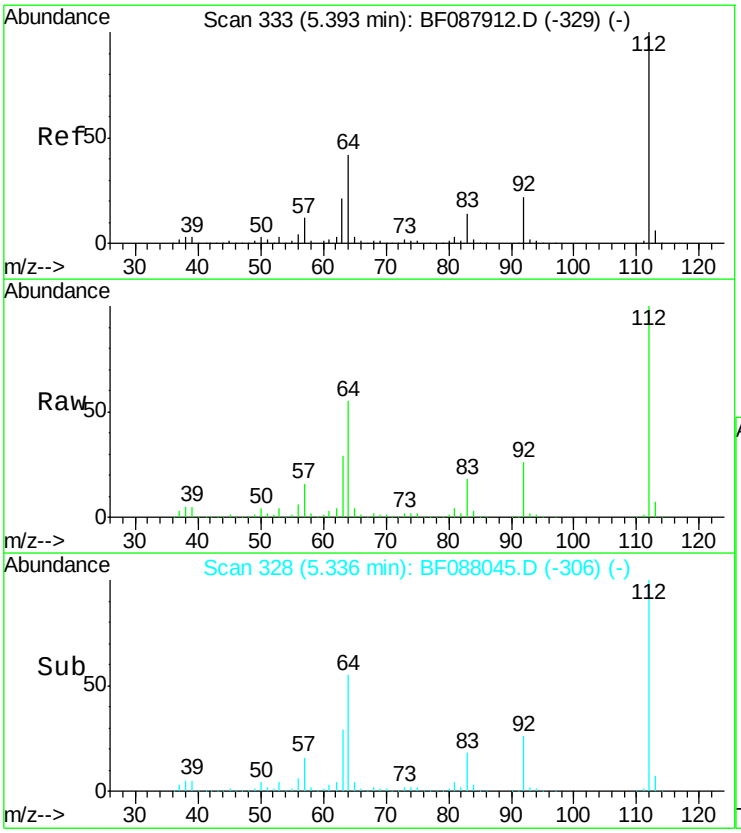
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:152 Resp: 105871

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.6
115	58.0	39.6	59.4

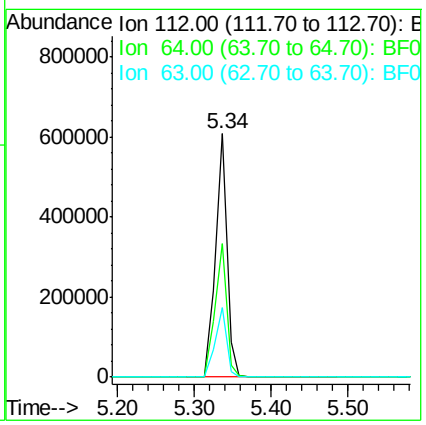


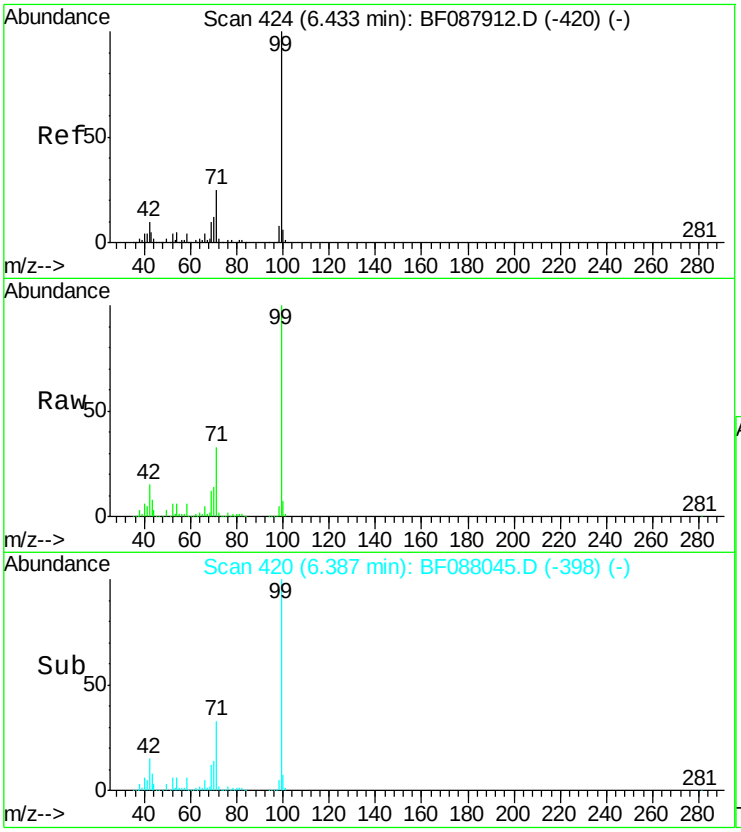


#5
2-Fluorophenol
Concen: 102.22 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.05 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:112 Resp: 633064

Ion	Ratio	Lower	Upper
112	100		
64	55.1	42.2	63.2
63	28.5	21.8	32.8



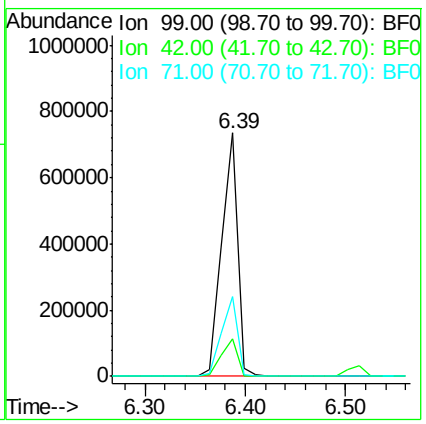


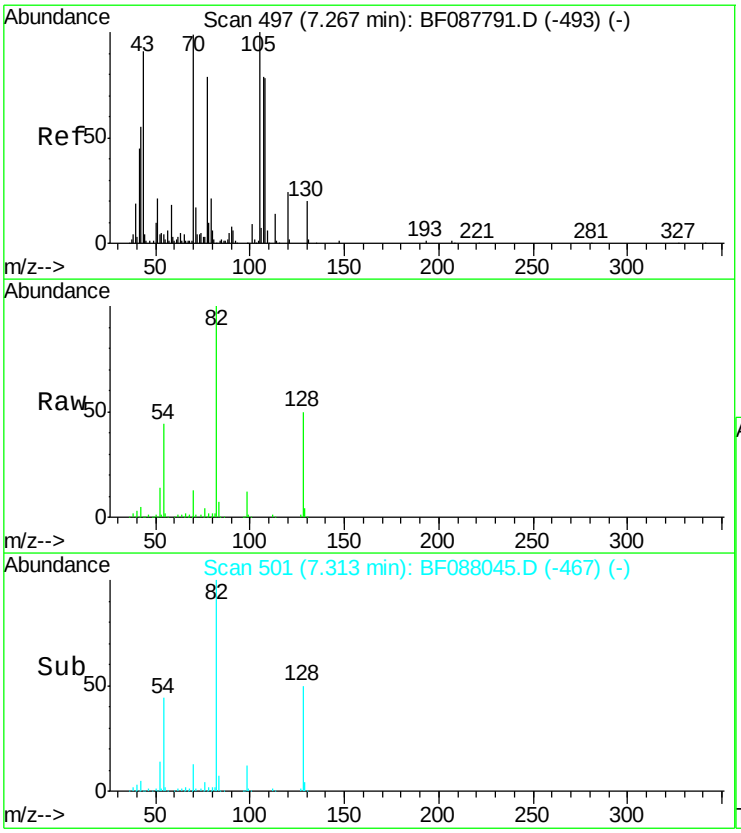
#7
Phenol-d6
Concen: 108.10 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.05 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion: 99 Resp: 811292

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	32.6	23.4	35.0

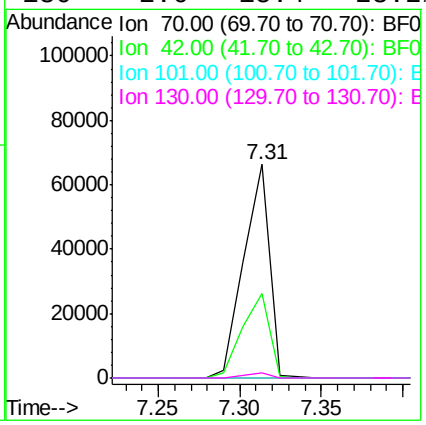


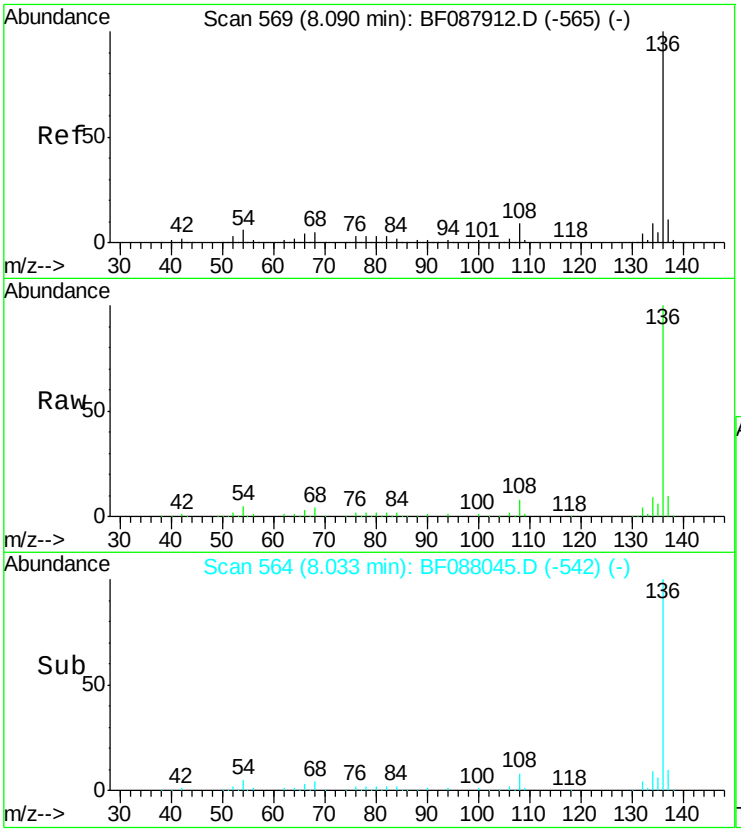


#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.09 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion: 70 Resp: 72862

Ion	Ratio	Lower	Upper
70	100		
42	39.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#



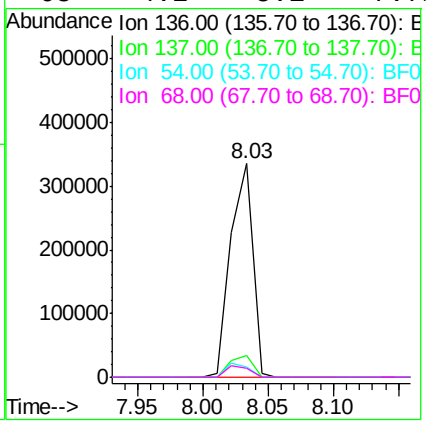


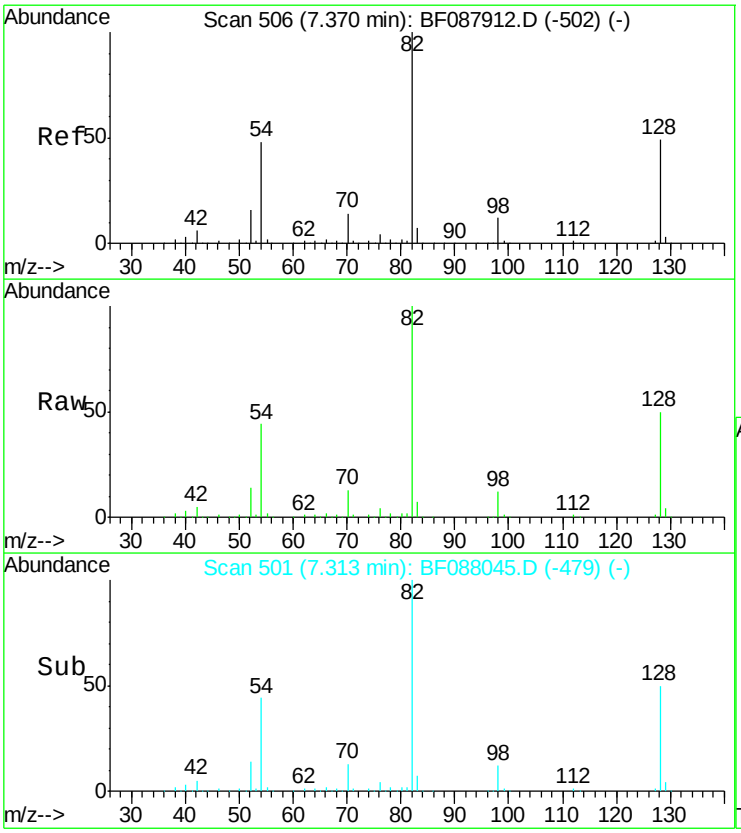
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:136 Resp: 395168

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.8	6.6	10.0#
68	4.2	5.1	7.7#

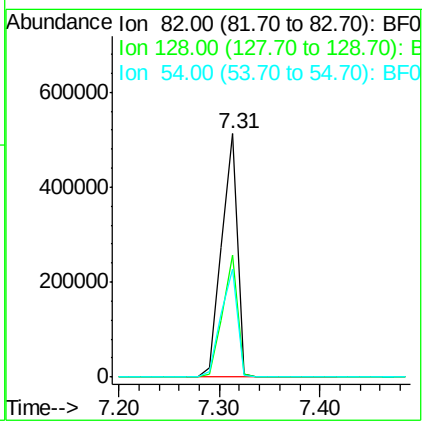


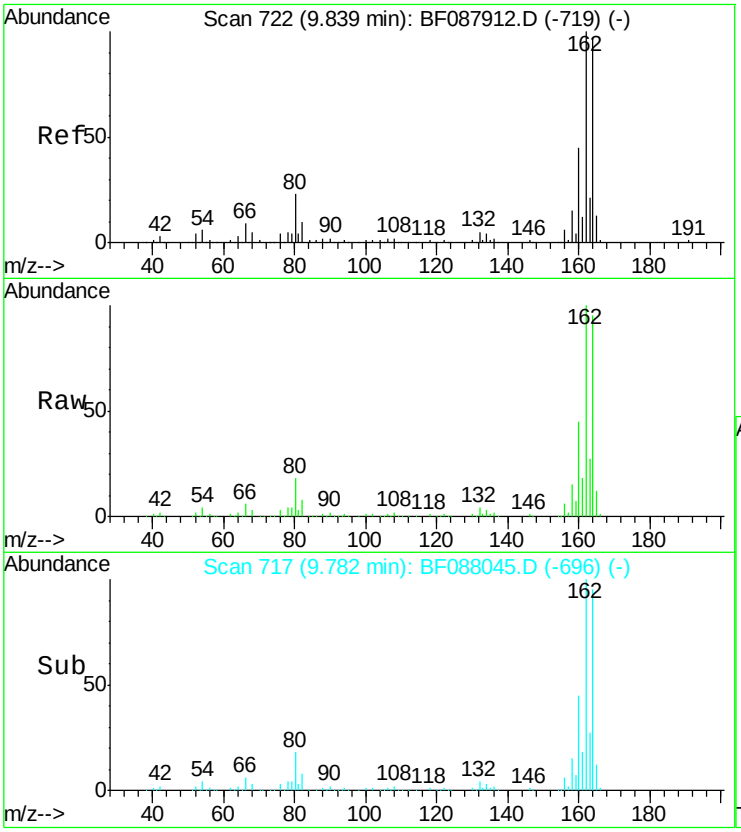


#23
Nitrobenzene-d5
Concen: 82.57 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion: 82 Resp: 558741

Ion	Ratio	Lower	Upper
82	100		
128	50.2	35.9	53.9
54	44.2	40.9	61.3



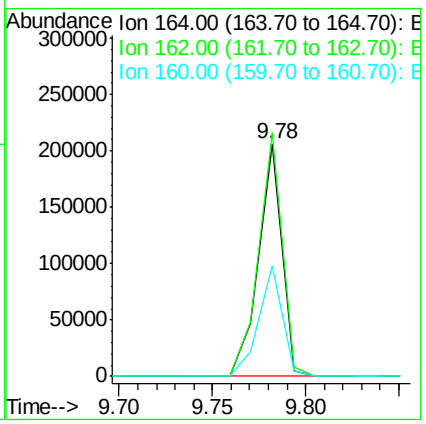


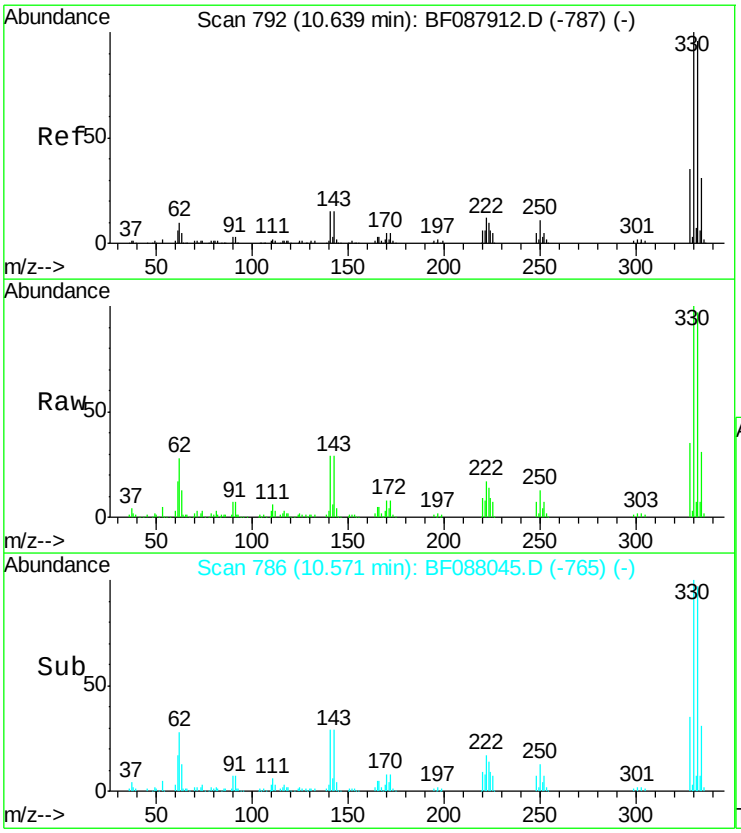
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:164 Resp: 178009

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	47.6	39.5	59.3

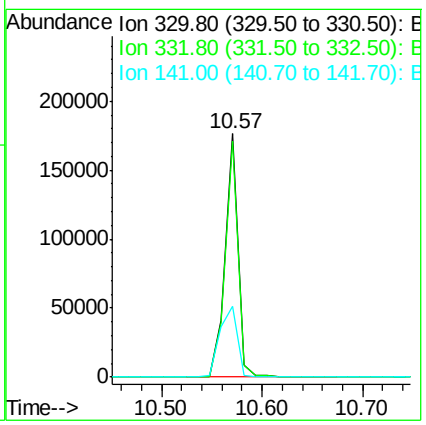


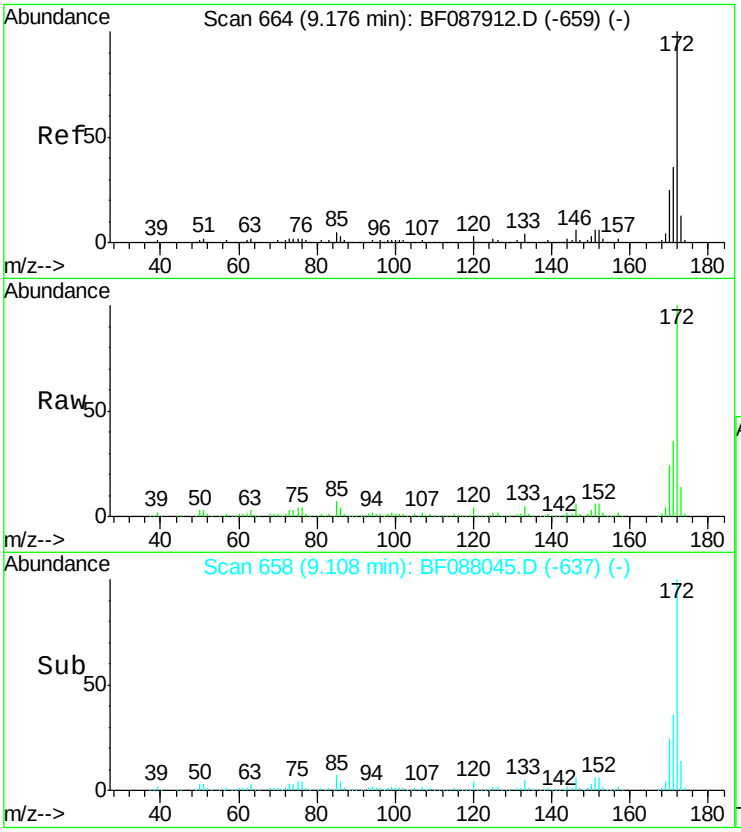


#41
2,4,6-Tribromophenol
Concen: 84.29 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:330 Resp: 158428

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	39.6	0.0	0.0#



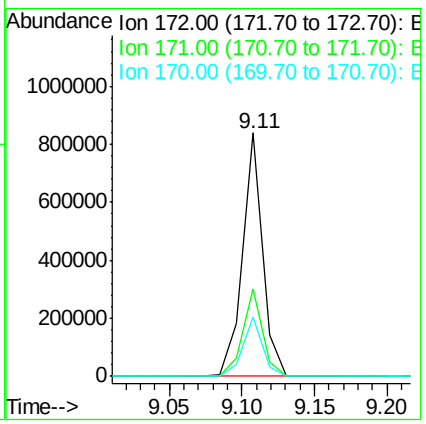


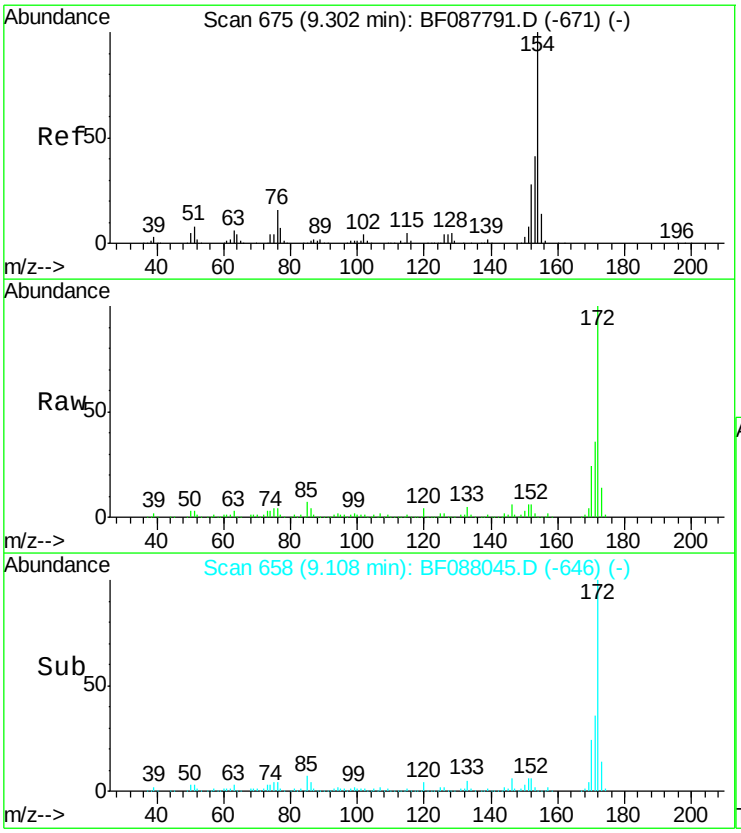
#44
2-Fluorobiphenyl
Concen: 70.14 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:172 Resp: 805747

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.3	19.2	28.8

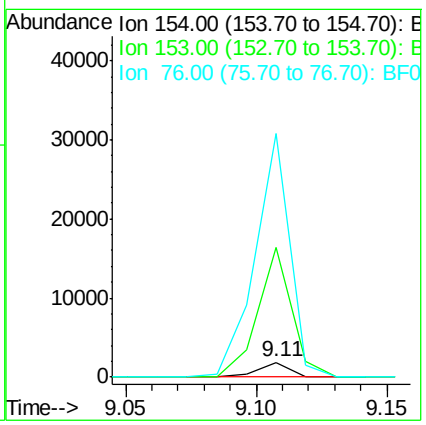


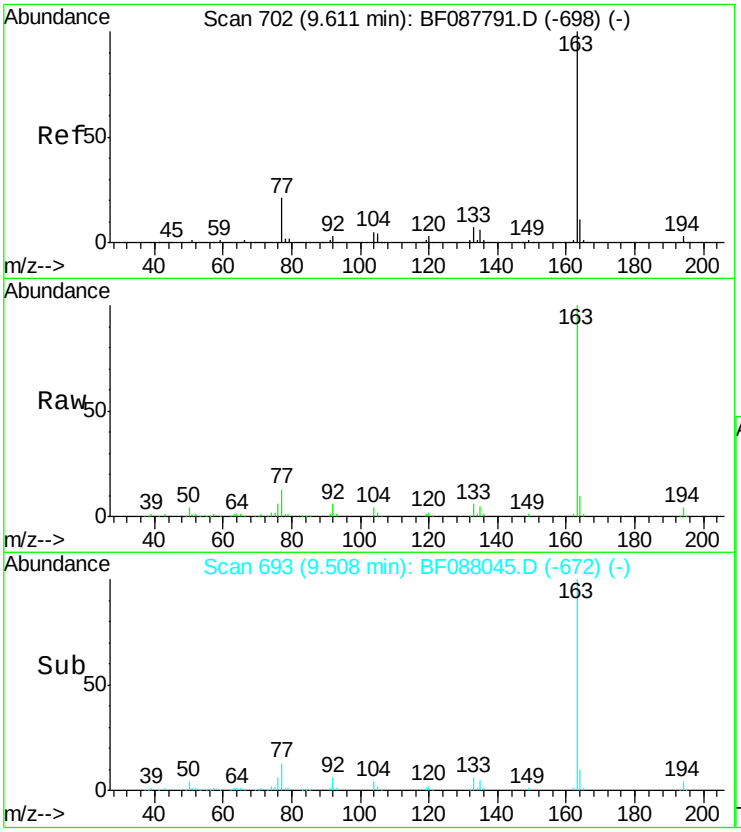


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.11 min Scan# 658
Delta R.T. -0.16 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:154 Resp: 1545

Ion	Ratio	Lower	Upper
154	100		
153	877.5	20.6	60.6#
76	1647.1	0.0	35.1#



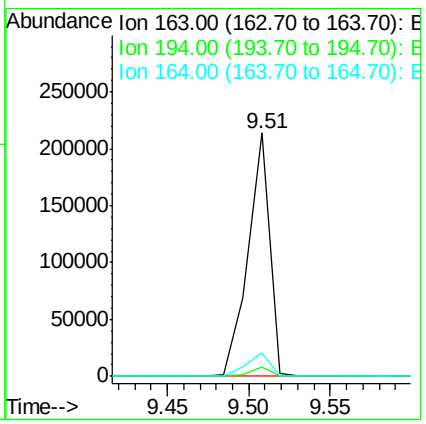


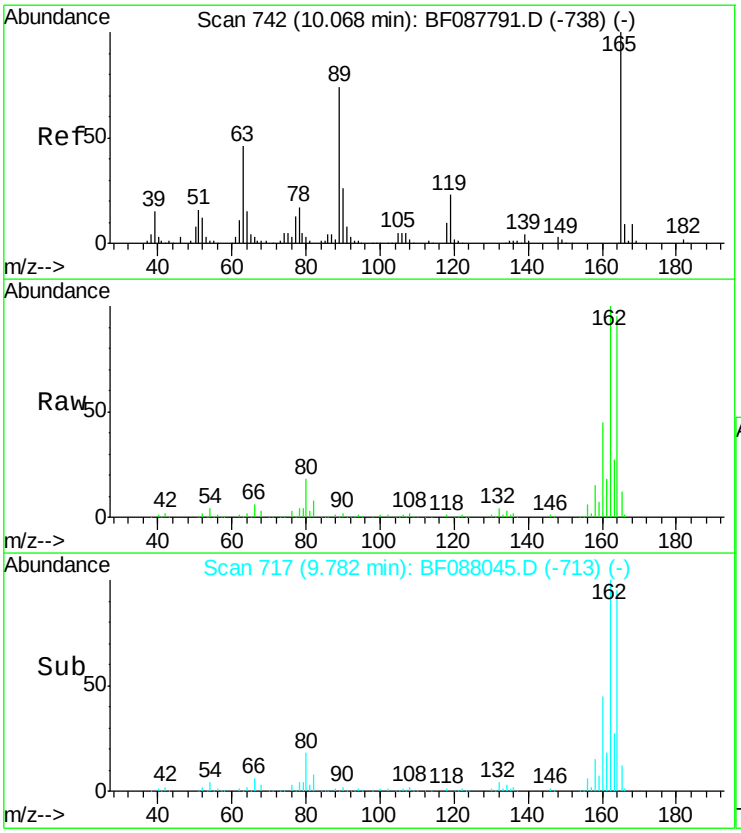
#49
Dimethylphthalate
Concen: 15.27 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:163 Resp: 196850

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.7	8.3	12.5

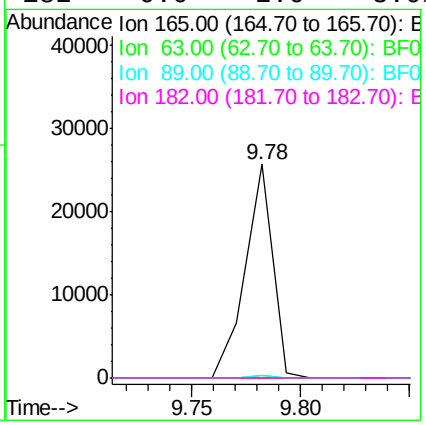


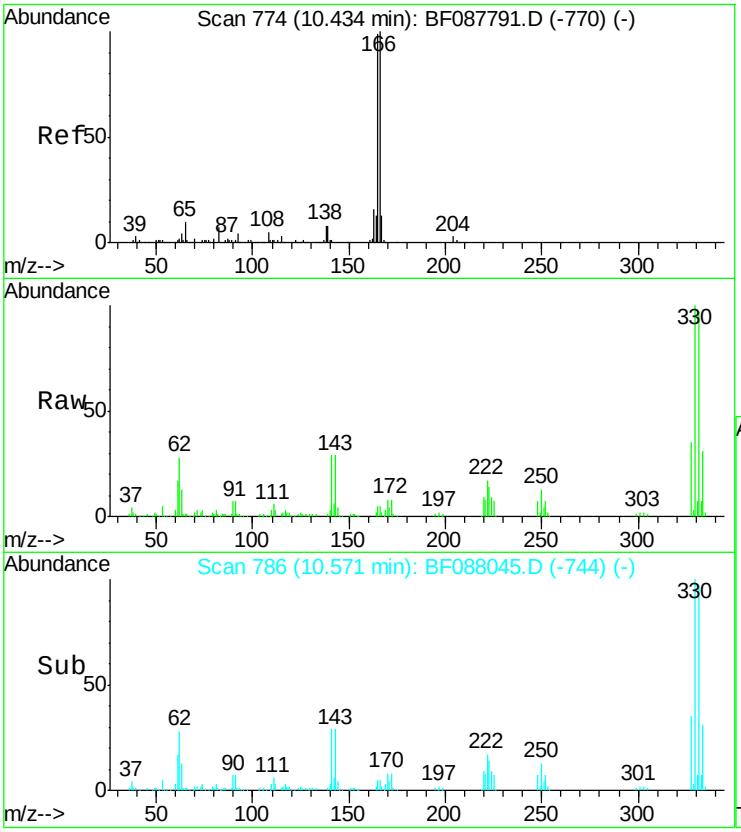


#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.25 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:165 Resp: 22531

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.2	41.1	61.7#
182	0.0	2.0	3.0#



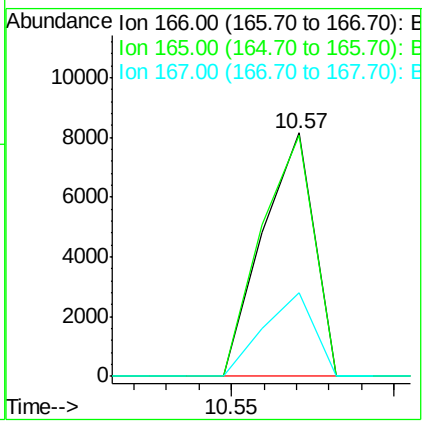


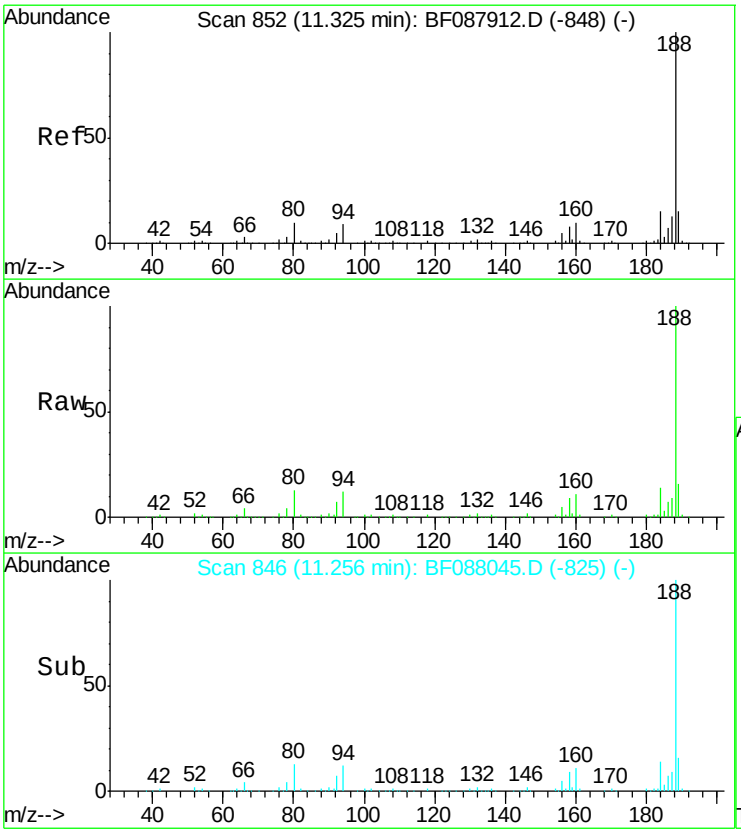
#57
Fluorene
Concen: Below Cal
RT: 10.57 min Scan# 786
Delta R.T. 0.18 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:166 Resp: 8895

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	34.1	11.2	16.8#

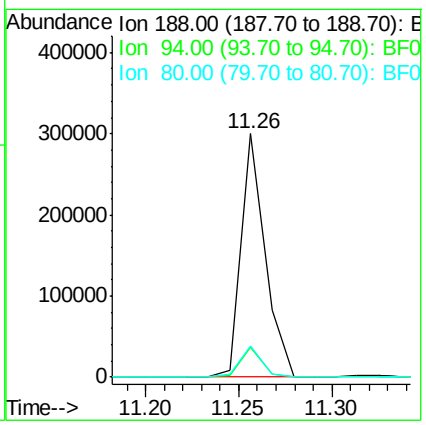


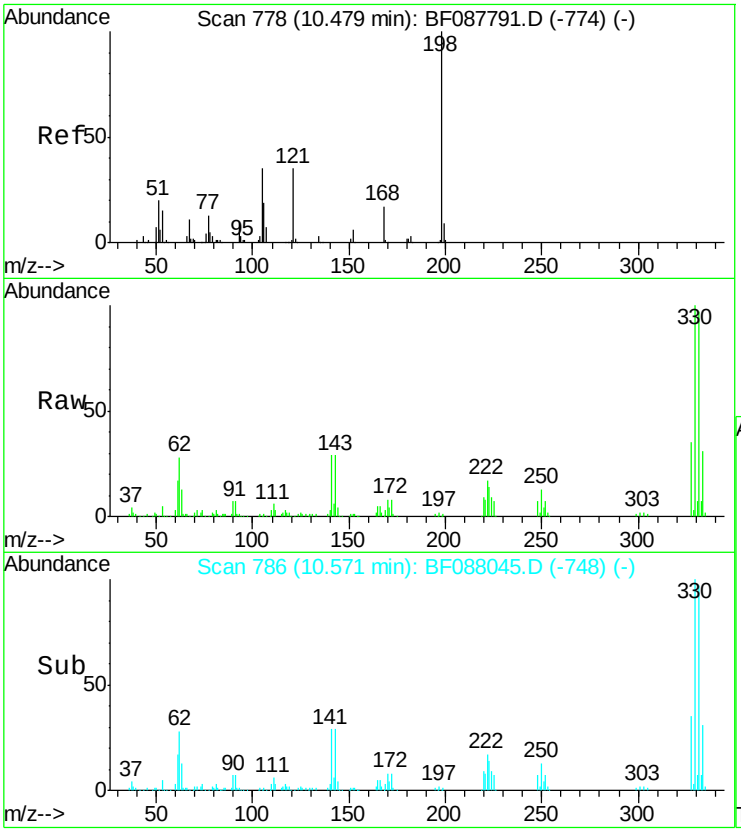


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.06 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:188 Resp: 269677

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.0	13.6
80	13.1	10.0	15.0



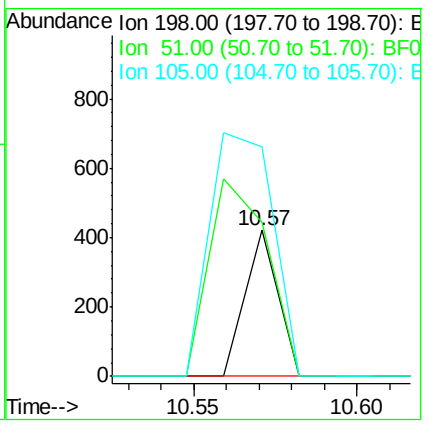


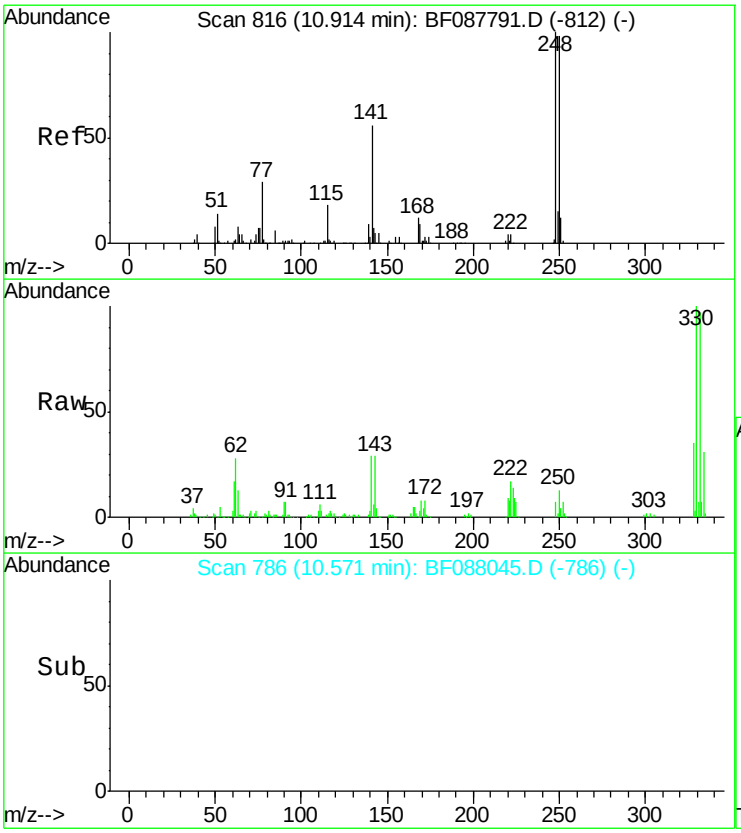
#64
4,6-Dinitro-2-methylphenol
Concen: 2.33 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.14 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:198 Resp: 289

Ion	Ratio	Lower	Upper
198	100		
51	105.7	39.6	79.6#
105	157.0	36.6	76.6#

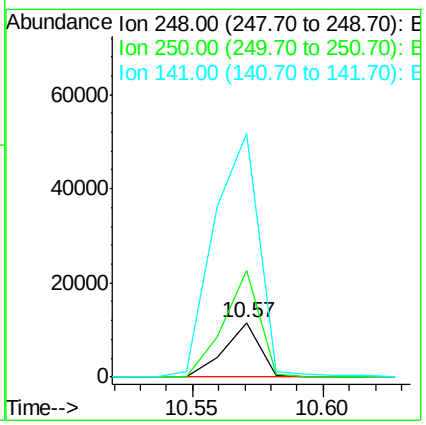


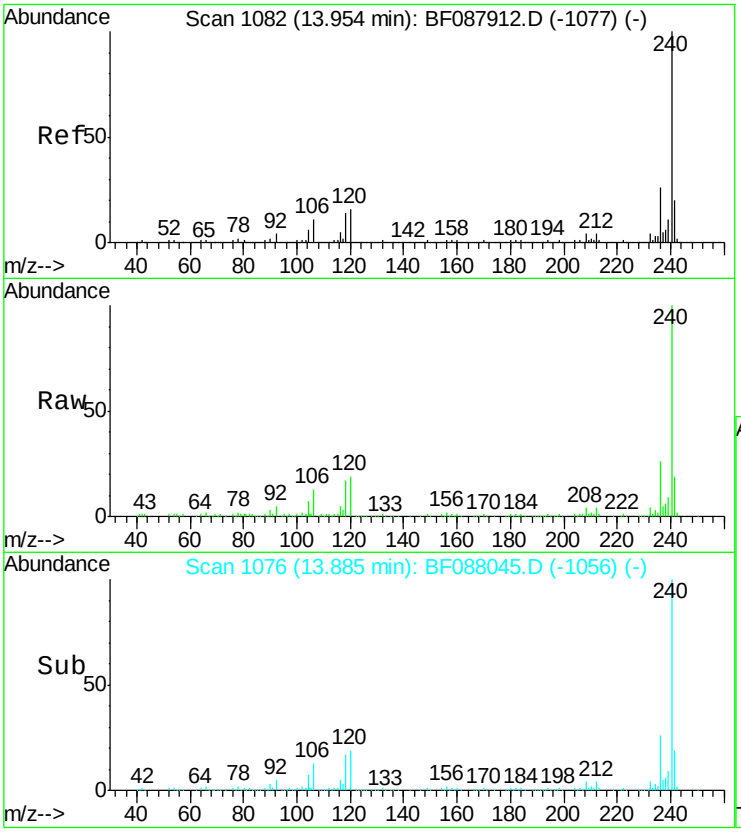


#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.30 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:248 Resp: 11081

Ion	Ratio	Lower	Upper
248	100		
250	195.6	77.1	115.7#
141	447.6	50.6	76.0#



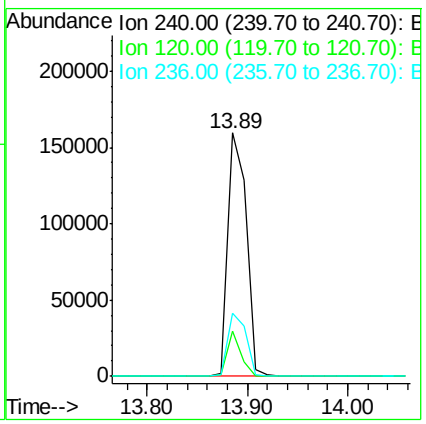


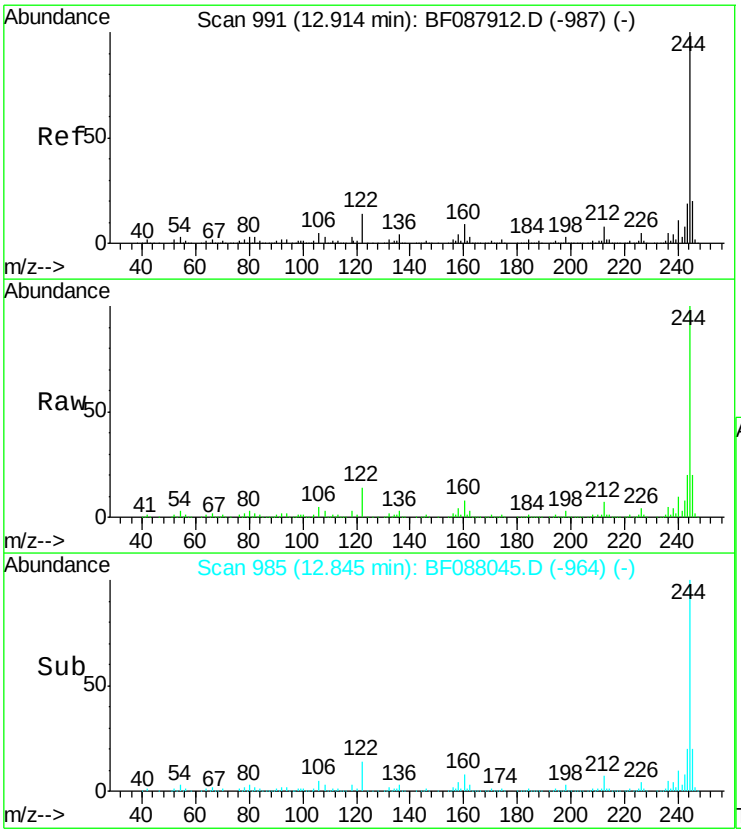
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.07 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:240 Resp: 204665

Ion	Ratio	Lower	Upper
240	100		
120	18.7	6.8	10.2#
236	25.8	20.2	30.2

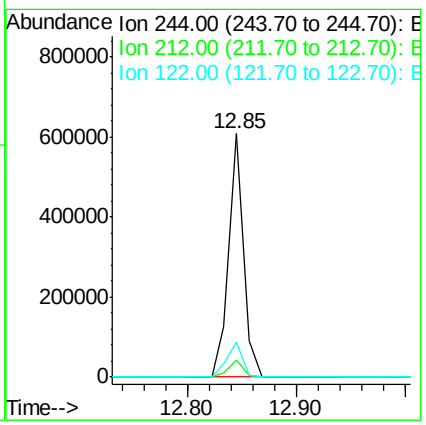


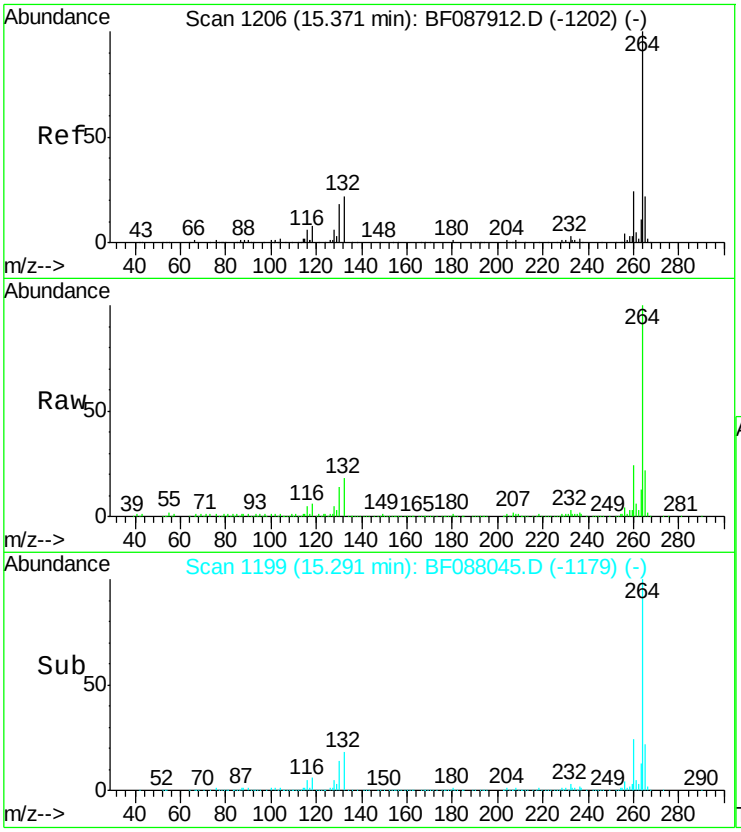


#78
Terphenyl-d14
Concen: 63.23 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Tgt Ion:244 Resp: 568666

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.3	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BF088045.D
Acq: 15 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
181-04-SE-06142016

Tgt Ion:264 Resp: 200260

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	16.9	25.3