Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088203.D
Acq On : 21 Jun 2016 7:03
Operator : UM/SJ
Sample : H3611-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-UP6-COMP

Quant Time: Jun 21 08:02:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	81291	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	334344	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	155476	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	299709	20.00	ng	0.00
75) Chrysene-d12	13.81	240	228223	20.00	ng	0.00
86) Perylene-d12	15.18	264	176810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	583675	122.75	ng	0.02
7) Phenol-d6	6.32	99	649263	112.66	ng	-0.01
23) Nitrobenzene-d5	7.23	82	438476	76.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	196254	119.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	824522	83.19	ng	-0.01
78) Terphenyl-d14	12.76	244	873608	87.11	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.44	94	1195	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	55505	15.06	ng	# 72
45) 1,1'-Biphenyl	9.13	154	226	Below Cal	#	43
50) 2,6-Dinitrotoluene	9.70	165	19144	7.42	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	19144	5.78	ng	# 36
57) Fluorene	10.25	166	577	Below Cal	#	76
64) 4,6-Dinitro-2-methylphenol	10.49	198	246	2.29	ng	# 4
66) 4-Bromophenyl-phenylether	10.49	248	12726	3.96	ng	# 1

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

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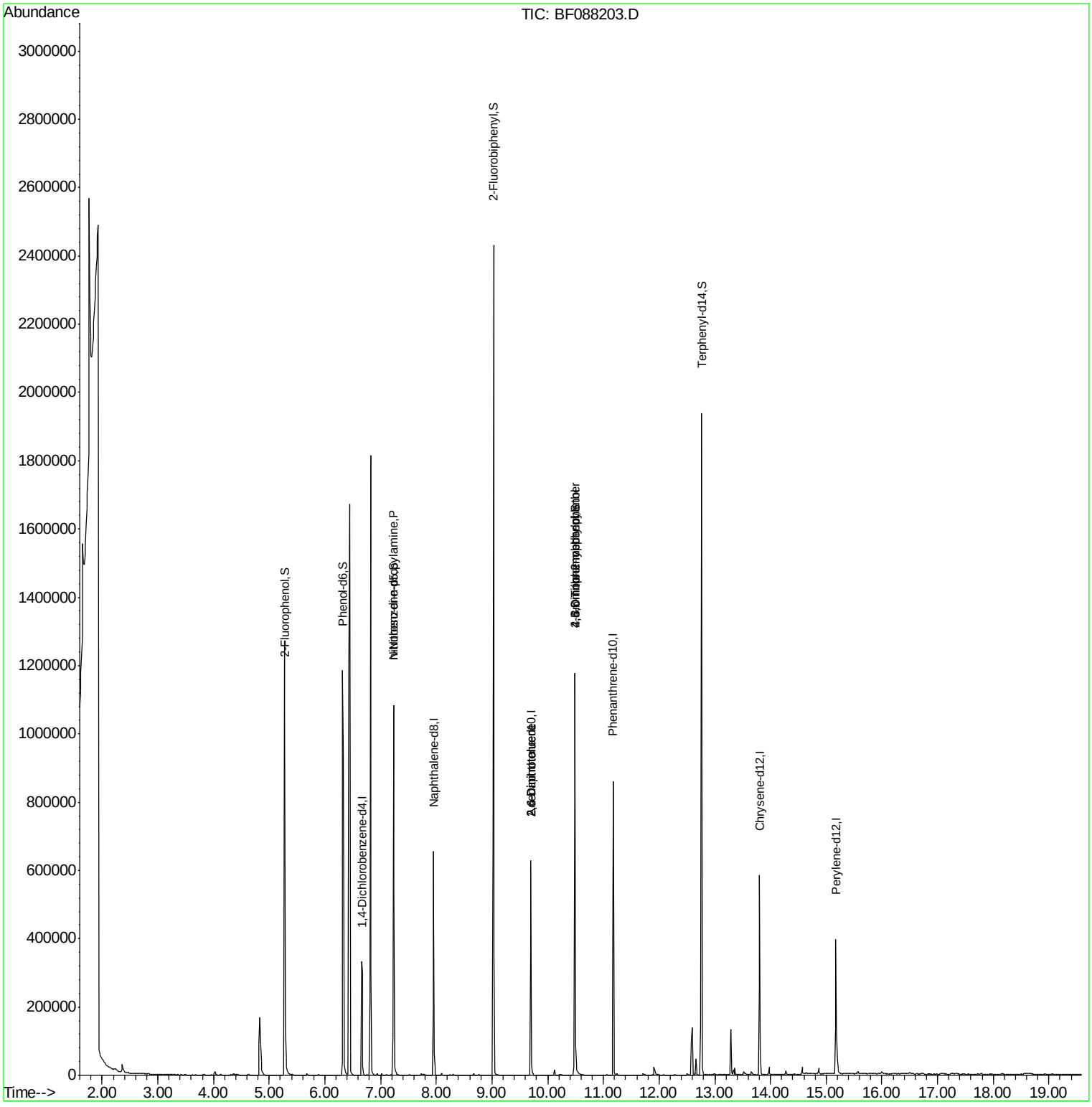
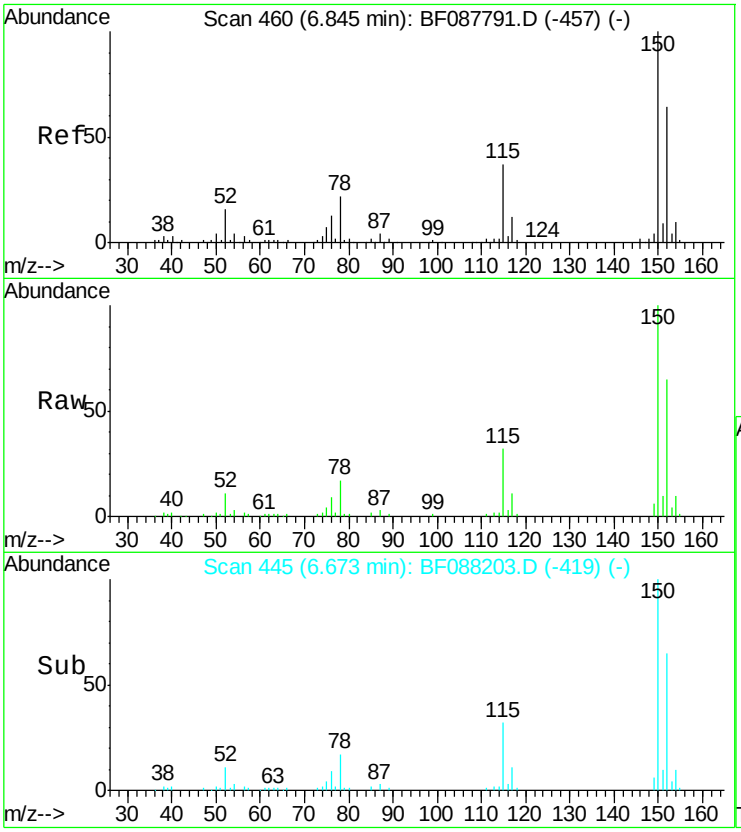


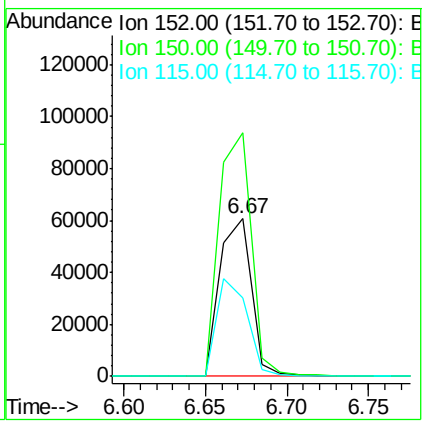


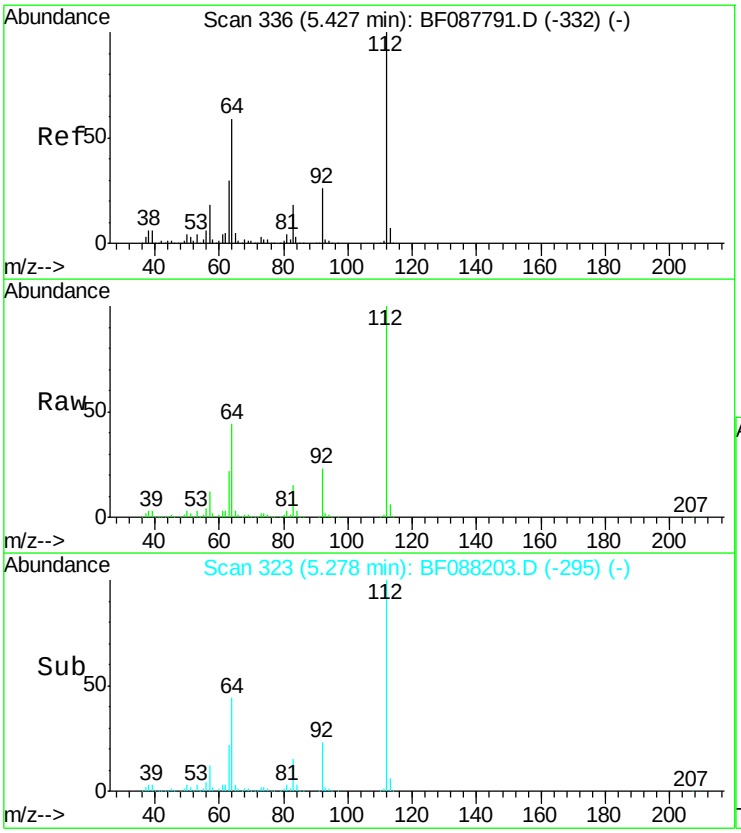
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:152 Resp: 81291

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	49.6	39.6	59.4

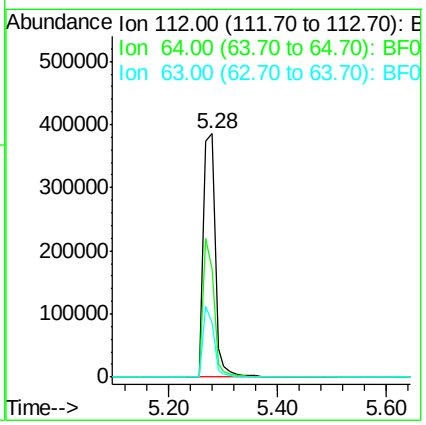


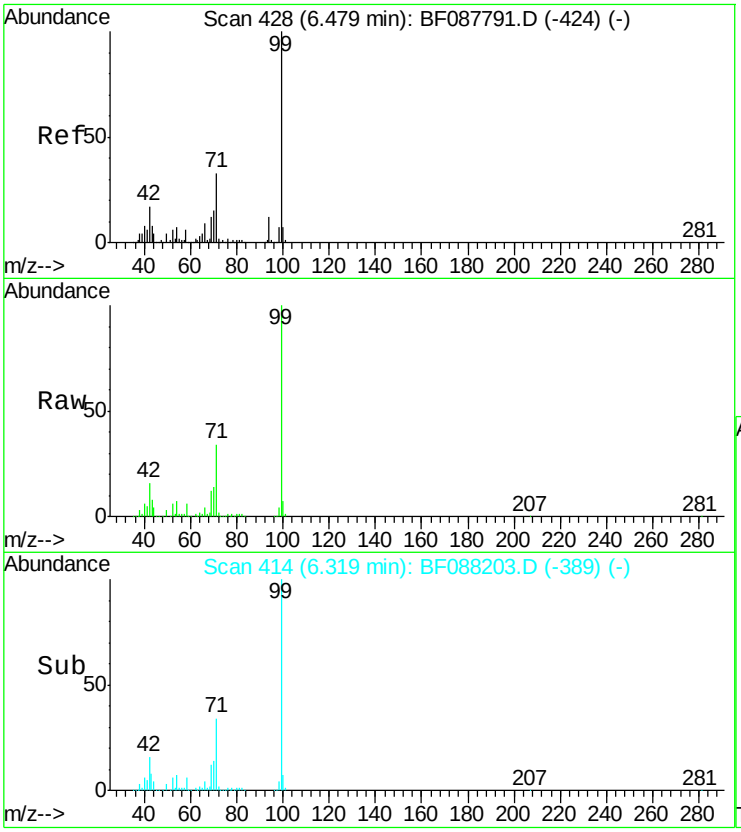


#5
2-Fluorophenol
Concen: 122.75 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.02 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:112 Resp: 583675

Ion	Ratio	Lower	Upper
112	100		
64	44.2	42.2	63.2
63	22.1	21.8	32.8



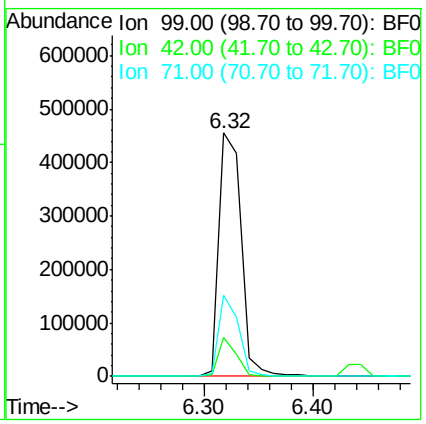


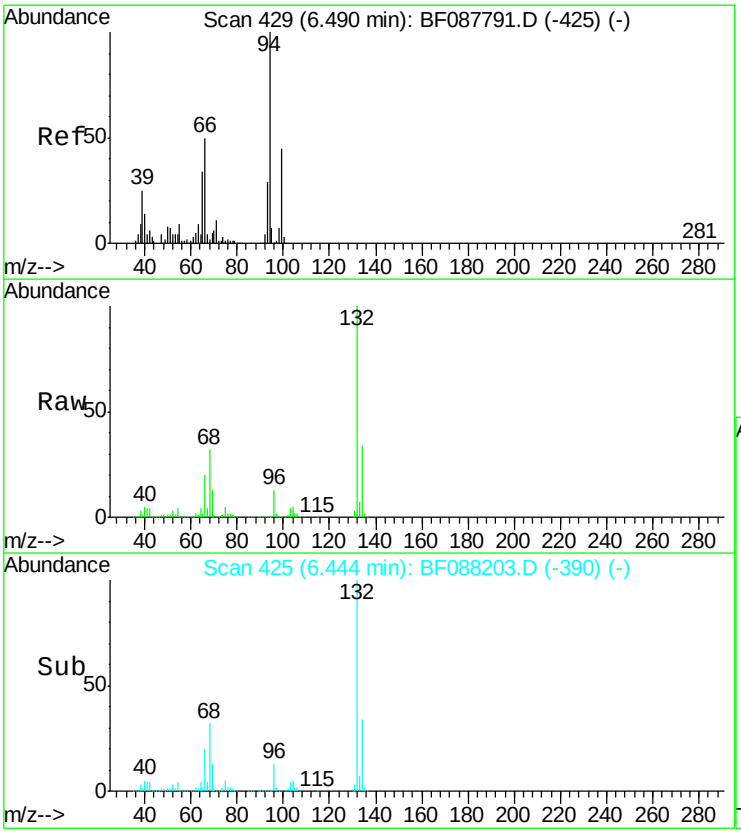
#7
Phenol-d6
Concen: 112.66 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion: 99 Resp: 649263

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.2
71	33.5	23.4	35.0

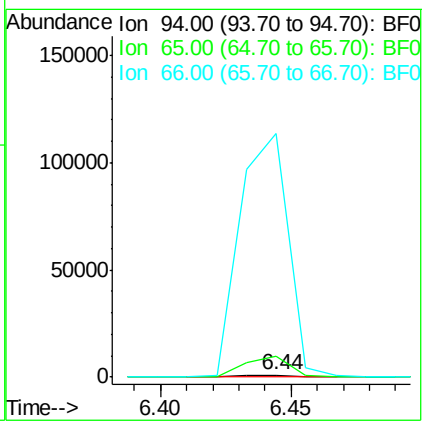


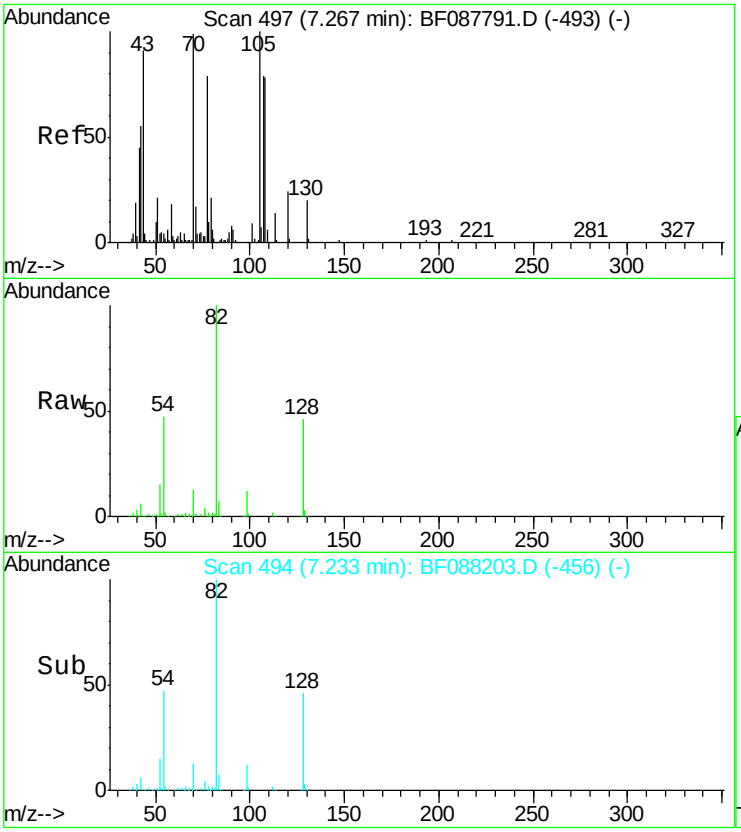


#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. 0.10 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion: 94 Resp: 1195

Ion	Ratio	Lower	Upper
94	100		
65	973.6	5.9	45.9#
66	11498.8	14.0	54.0#



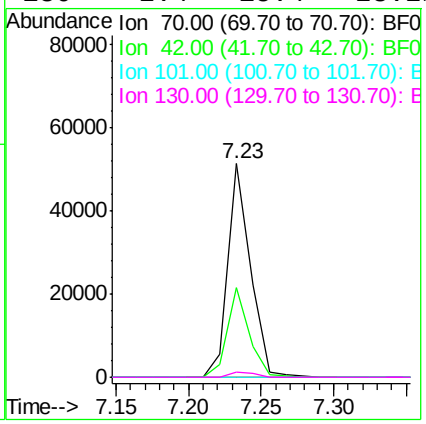


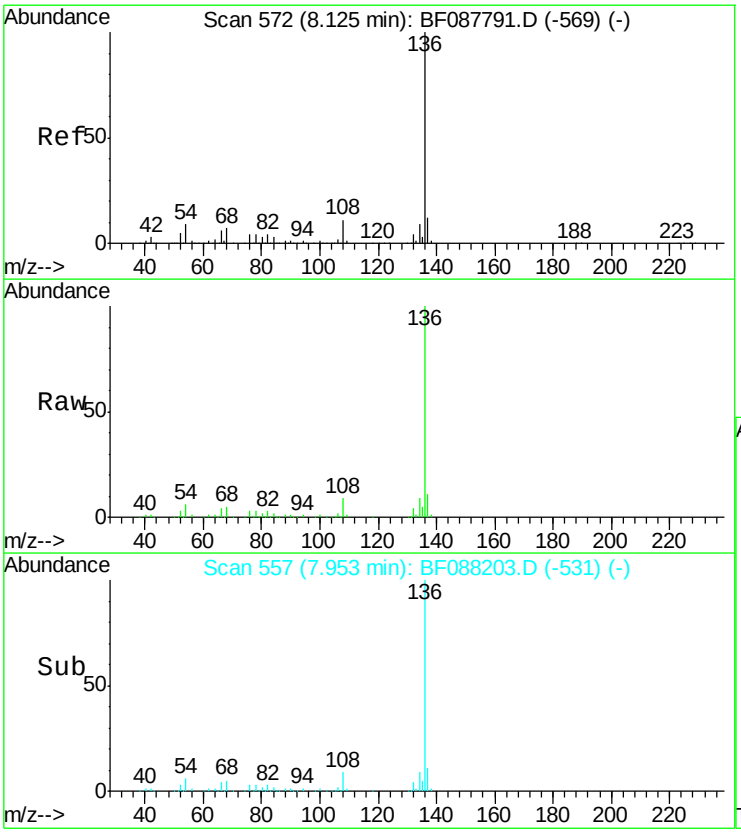
#19
n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion: 70 Resp: 55505

Ion	Ratio	Lower	Upper
70	100		
42	41.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

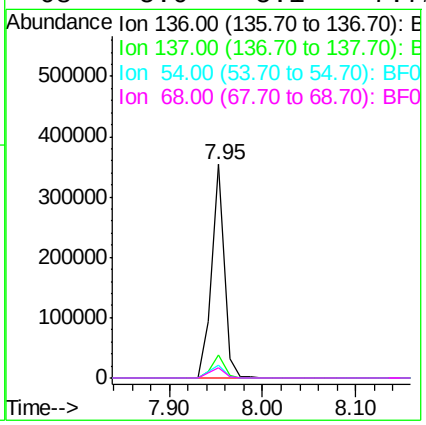


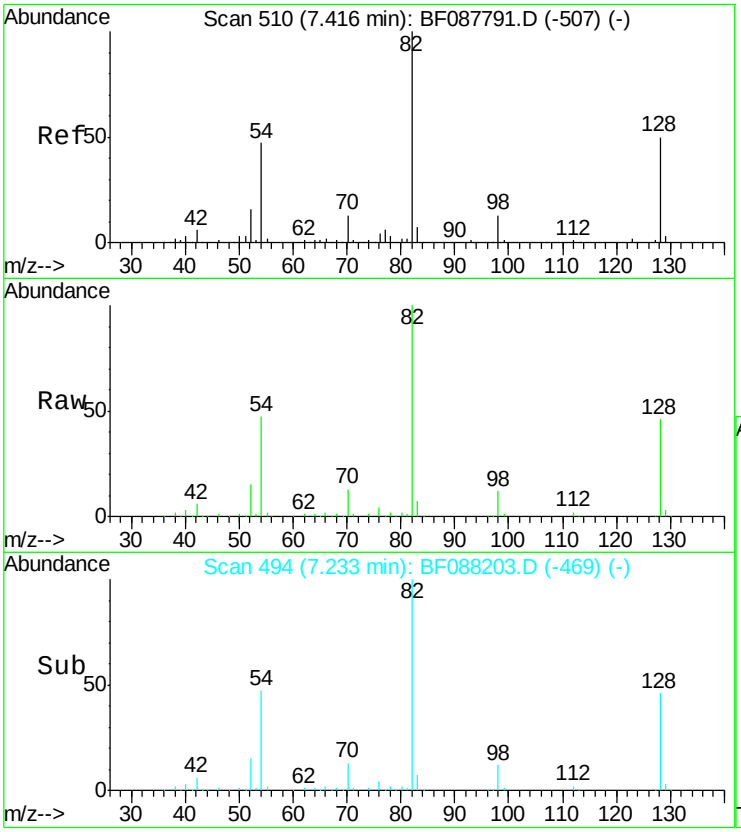


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:136 Resp: 334344

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	5.0	5.1	7.7#



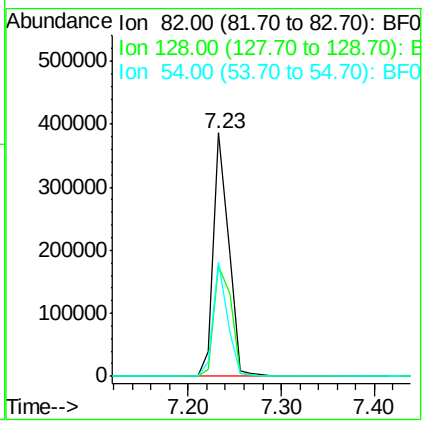


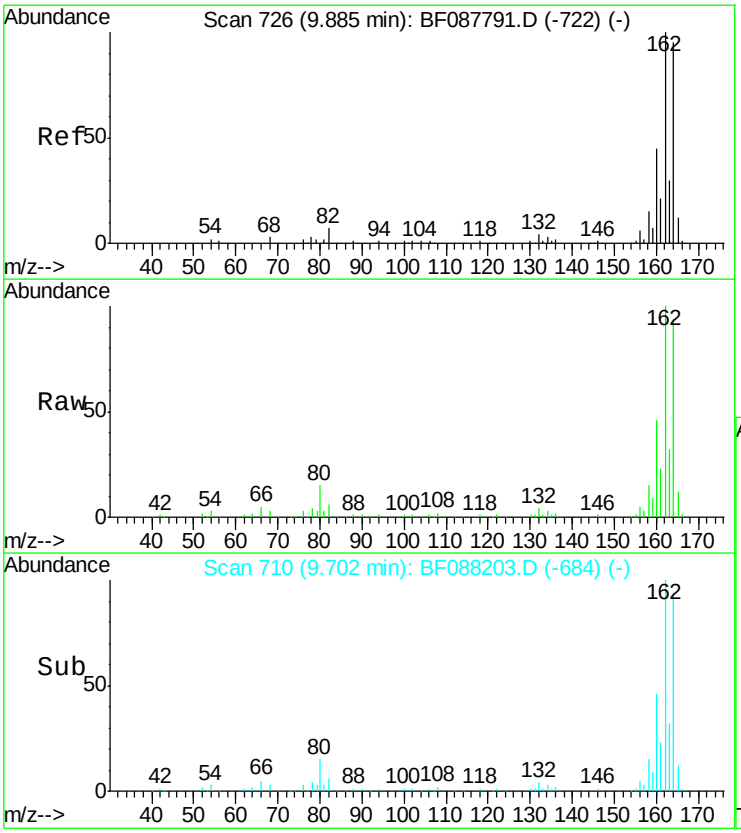
#23
Nitrobenzene-d5
Concen: 76.58 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion: 82 Resp: 438476

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.9	53.9
54	47.0	40.9	61.3

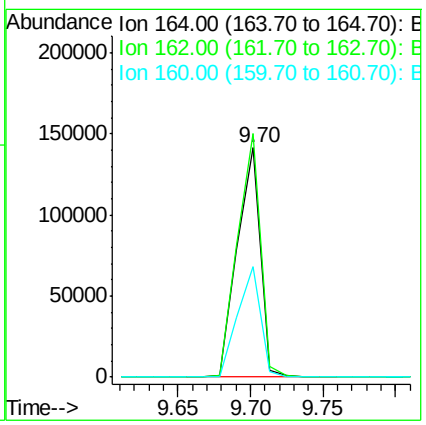


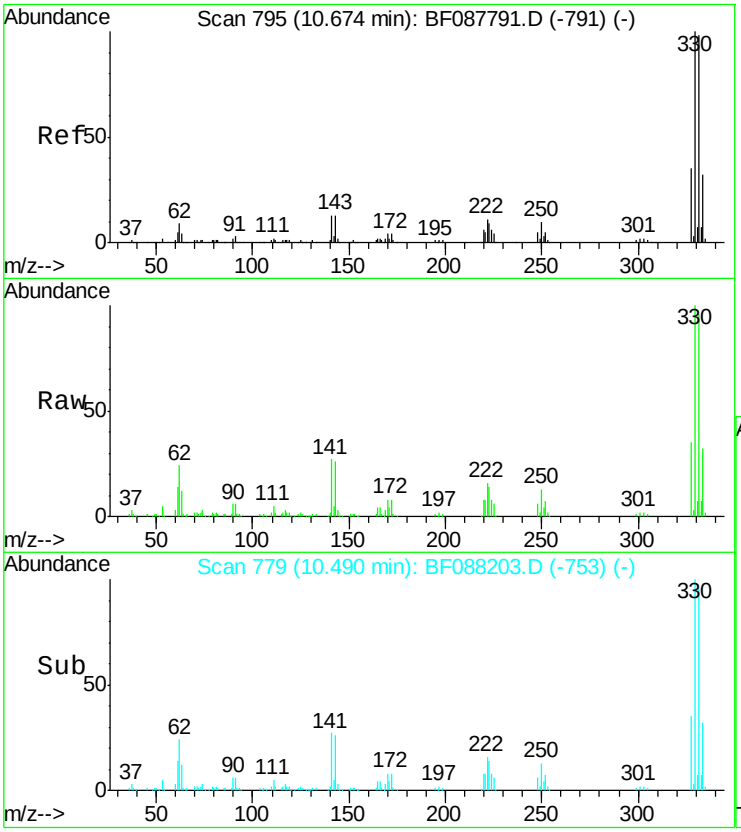


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:164 Resp: 155476

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	48.4	39.5	59.3



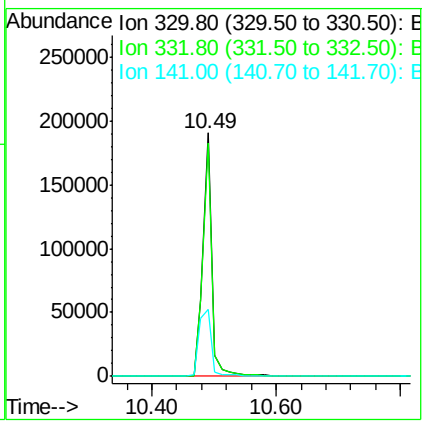


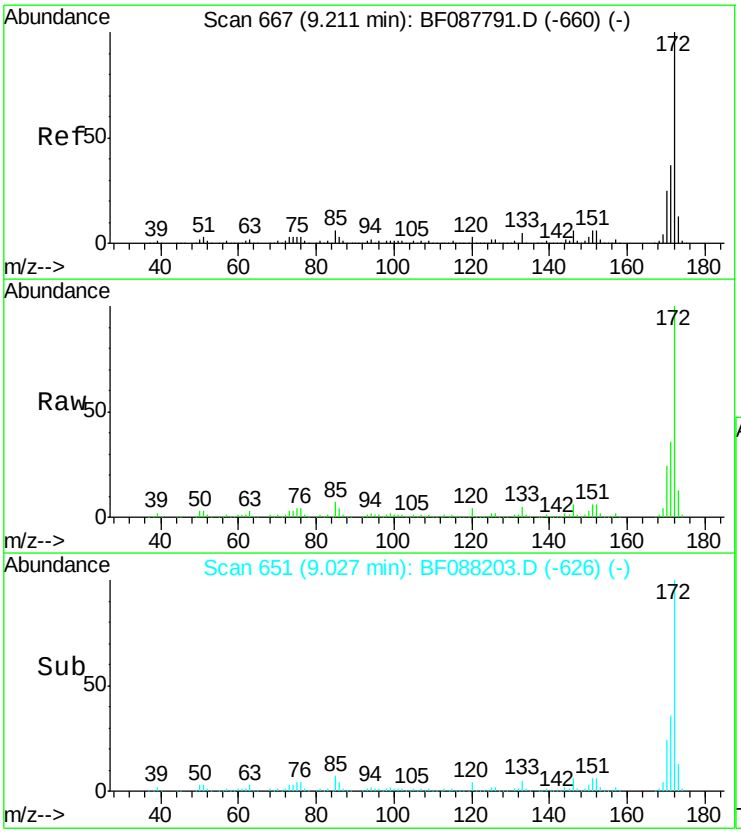
#41
2,4,6-Tribromophenol
Concen: 119.55 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:330 Resp: 196254

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.9	0.0	0.0#

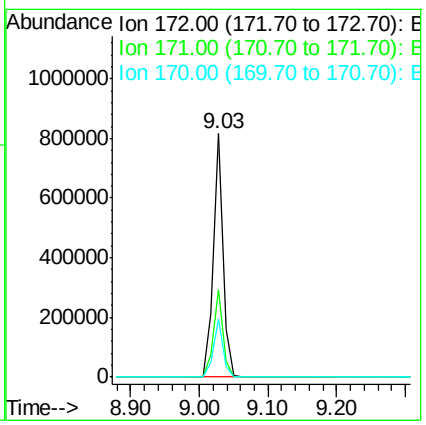


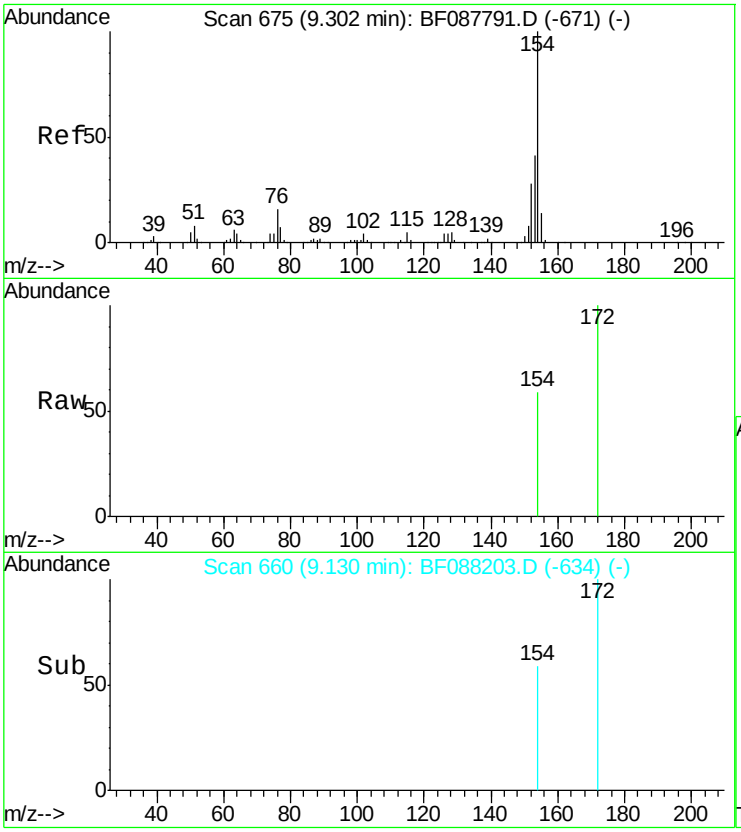


#44
2-Fluorobiphenyl
Concen: 83.19 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:172 Resp: 824522

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.2	28.8



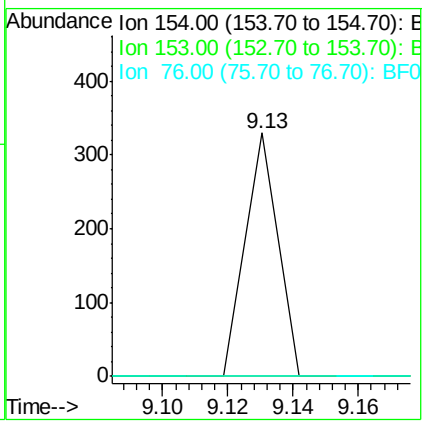


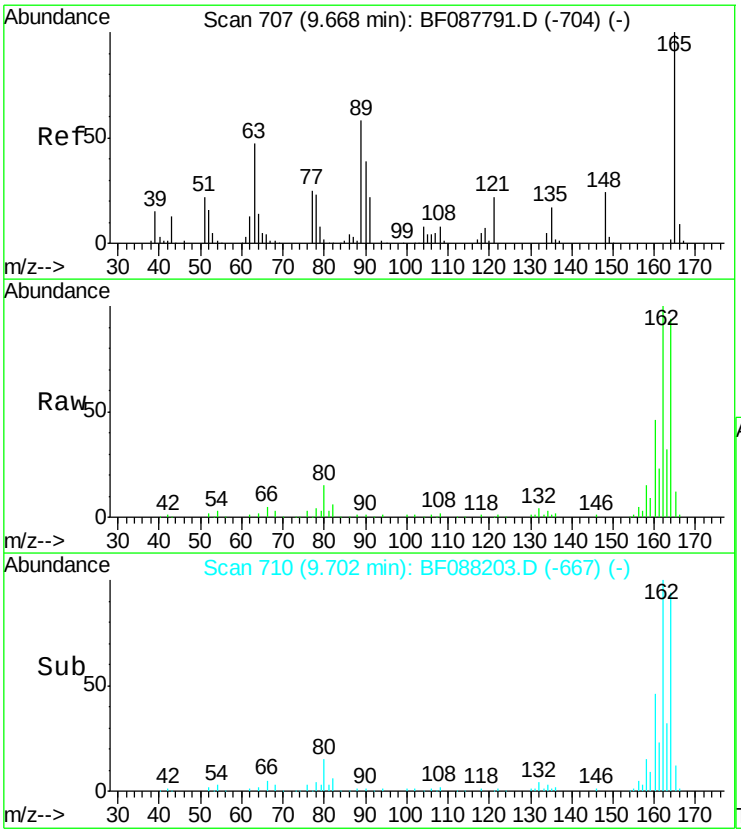
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:154 Resp: 226

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

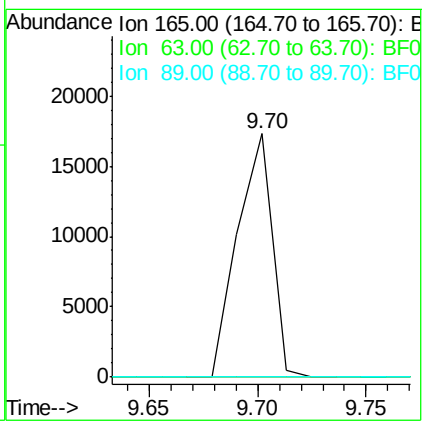


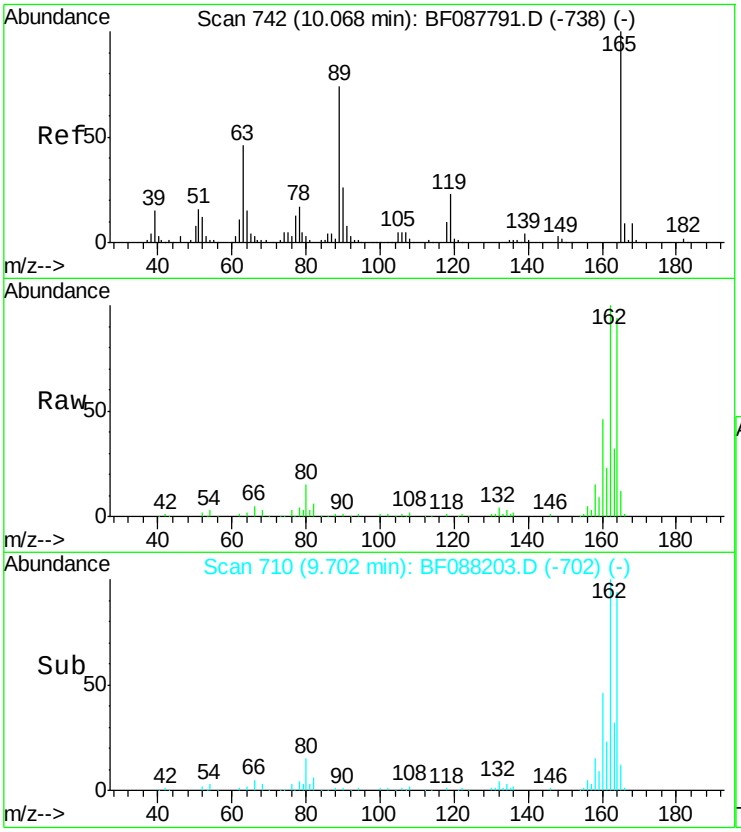


#50
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.19 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:165 Resp: 19144

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



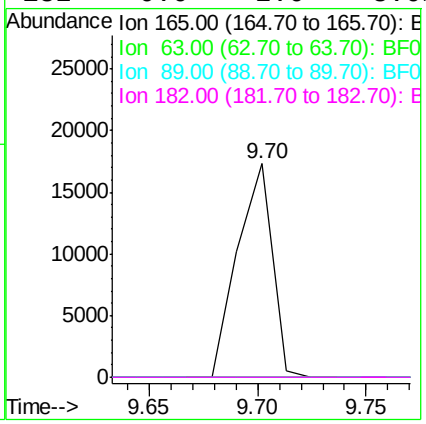


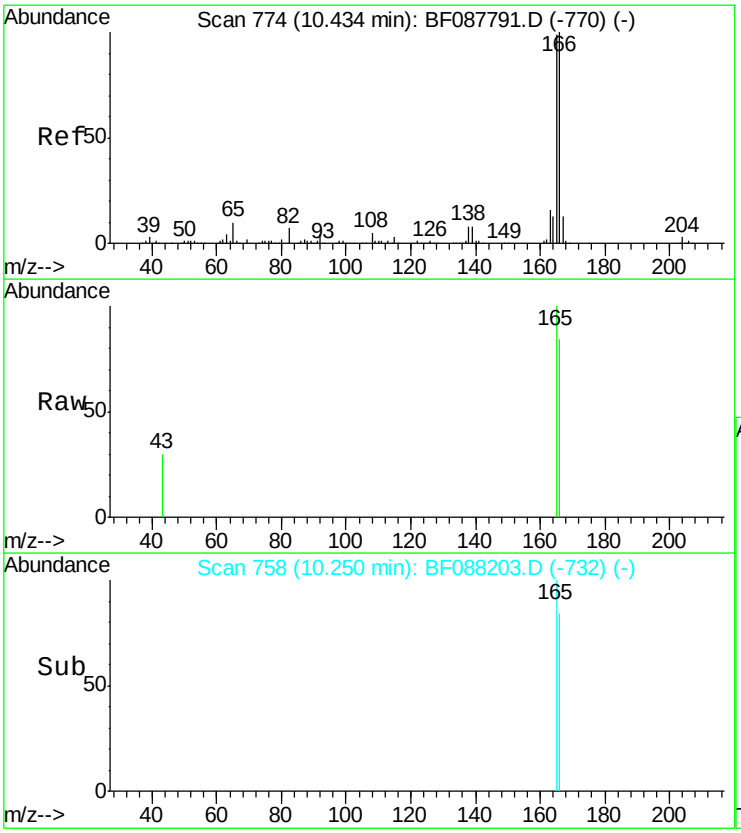
#56
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:165 Resp: 19144

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

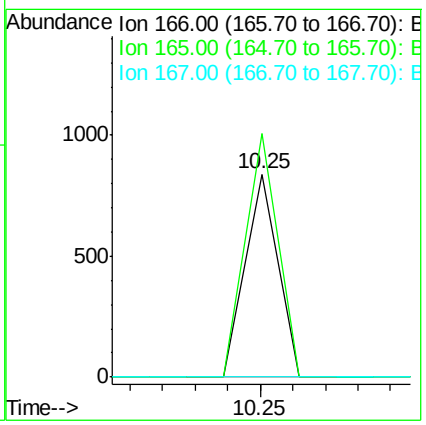


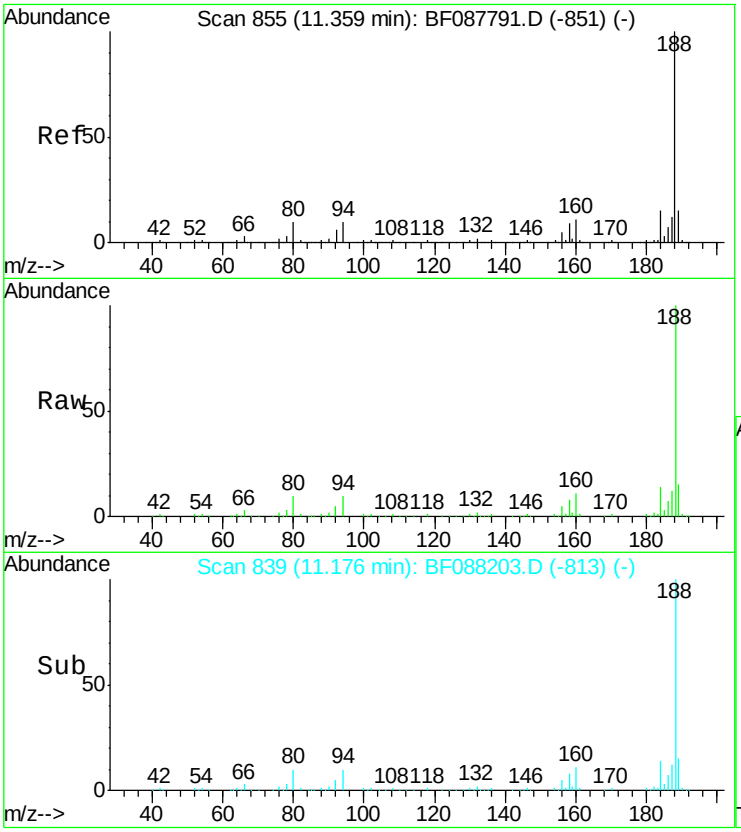


#57
Fluorene
Concen: Below Cal
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:166 Resp: 577

Ion	Ratio	Lower	Upper
166	100		
165	119.7	77.8	116.8#
167	0.0	11.2	16.8#



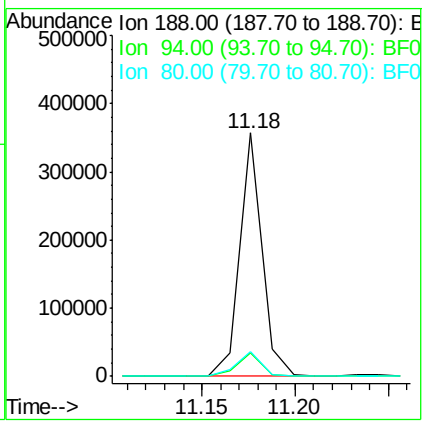


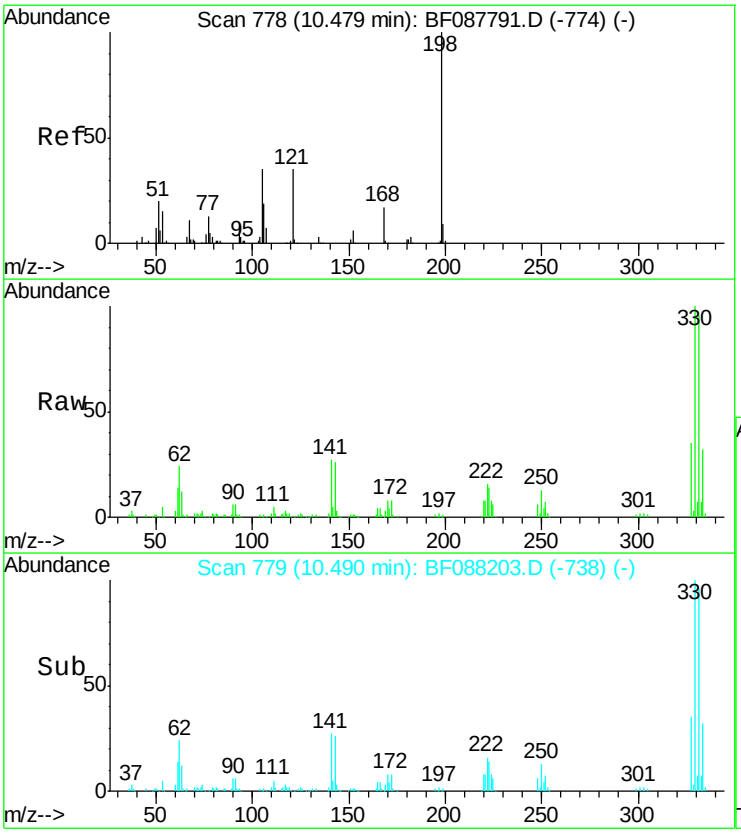
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:188 Resp: 299709

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.6
80	10.0	10.0	15.0#

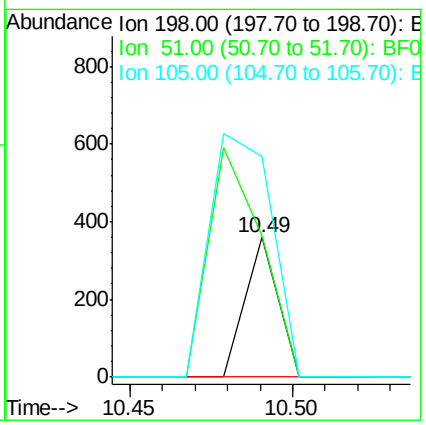


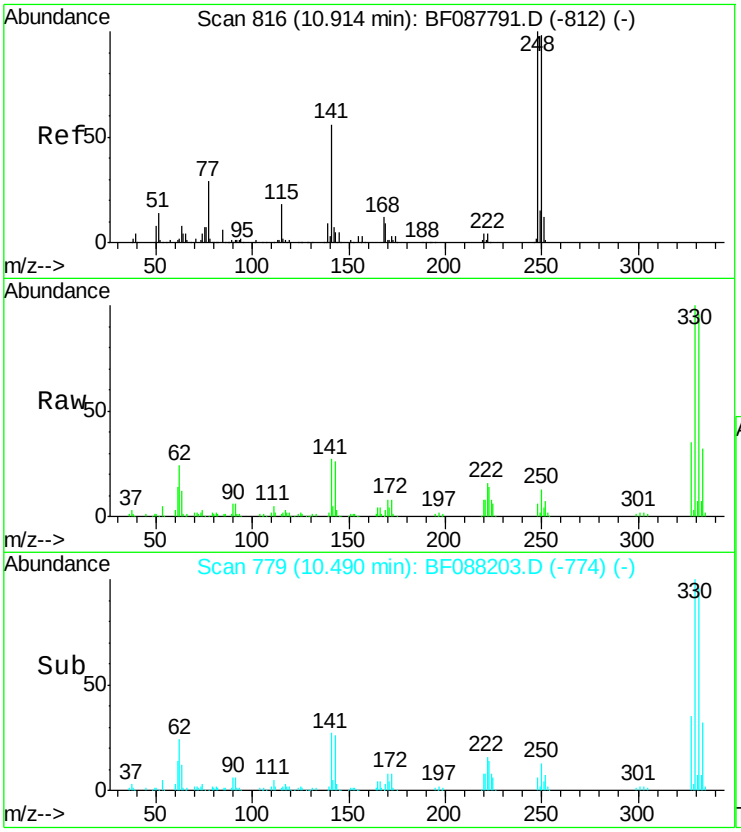


#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:198 Resp: 246

Ion	Ratio	Lower	Upper
198	100		
51	100.8	39.6	79.6#
105	158.2	36.6	76.6#



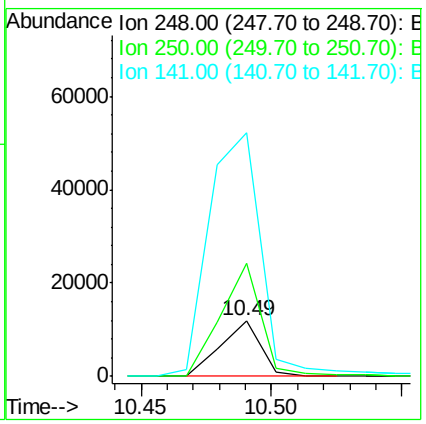


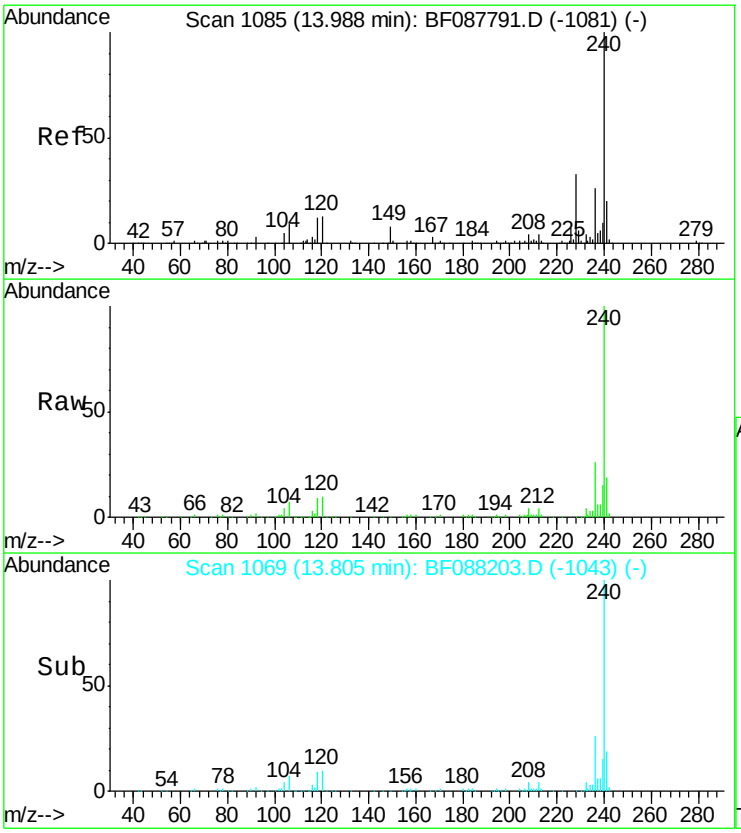
#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:248 Resp: 12726

Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.1	115.7#
141	434.0	50.6	76.0#

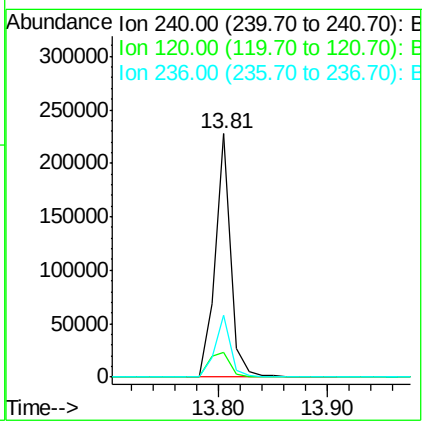


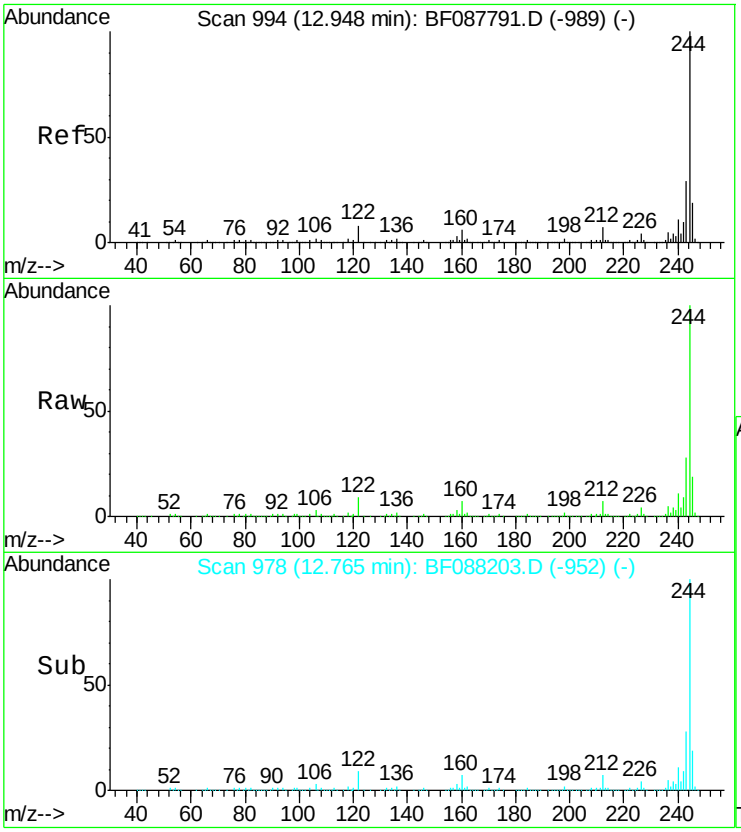


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:240 Resp: 228223

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	25.6	20.2	30.2



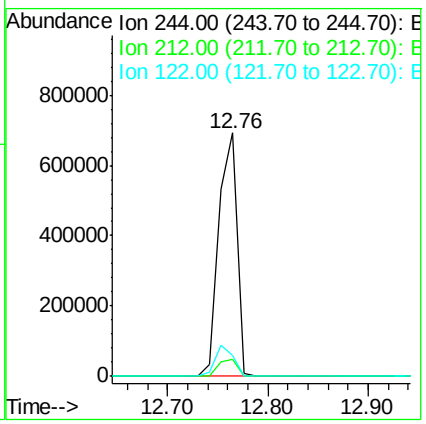


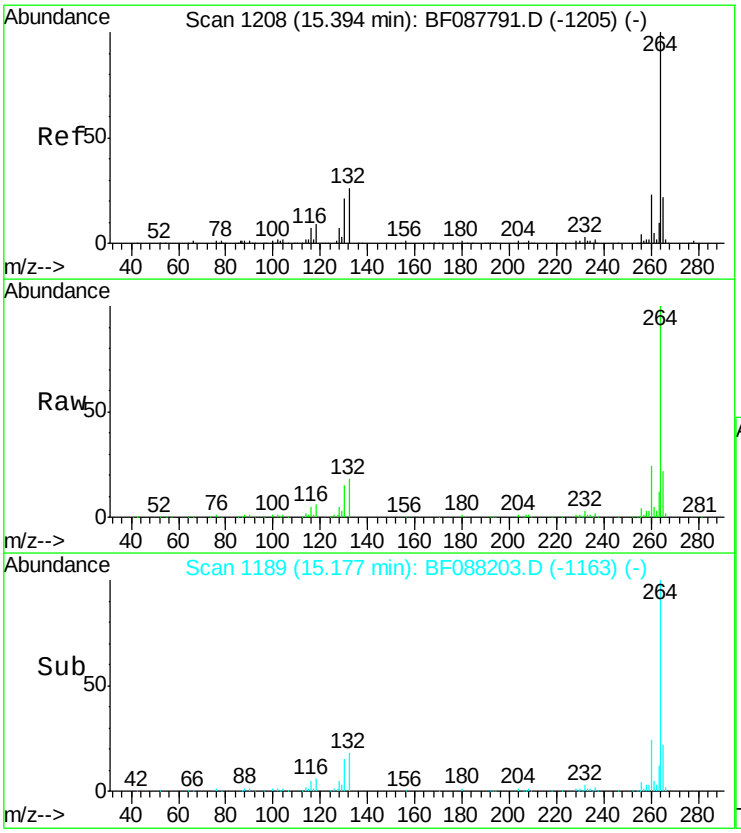
#78
Terphenyl-d14
Concen: 87.11 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Instrument :
BNA_F
ClientSampleId :
PL-UP6-COMP

Tgt Ion:244 Resp: 873608

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.8	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088203.D
Acq: 21 Jun 2016 7:03

Tgt Ion:264 Resp: 176810

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3