Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088162.D
Acq On : 19 Jun 2016 5:14
Operator : UM/SJ
Sample : H3628-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Time: Jun 19 07:55:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	88339	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	304054	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	123139	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	210843	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	169304	20.00	ng		-0.02
86) Perylene-d12	15.21	264	128376	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	333998	64.64	ng		0.00
7) Phenol-d6	6.34	99	272117	43.45	ng		-0.01
23) Nitrobenzene-d5	7.26	82	466204	89.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	141940	109.17	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	742357	95.38	ng		-0.02
78) Terphenyl-d14	12.79	244	515967	69.35	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	11427	2.63	ng	#	71
10) Phenol	6.35	94	1105	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.26	70	62193	15.52	ng	#	69
45) 1,1'-Biphenyl	9.05	154	1488	Below Cal		#	1
49) Dimethylphthalate	9.45	163	34584	3.88	ng		100
50) 2,6-Dinitrotoluene	9.72	165	15490	7.58	ng	#	39
56) 2,4-Dinitrotoluene	9.72	165	15490	5.90	ng	#	37
57) Fluorene	10.51	166	7723	Below Cal		#	91
61) 4-Nitroaniline	10.41	138	10630	4.75	ng	#	1
62) Azobenzene	10.40	77	42560	4.77	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.51	198	241	2.34	ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	9595	4.24	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088162.D
Acq On : 19 Jun 2016 5:14
Operator : UM/SJ
Sample : H3628-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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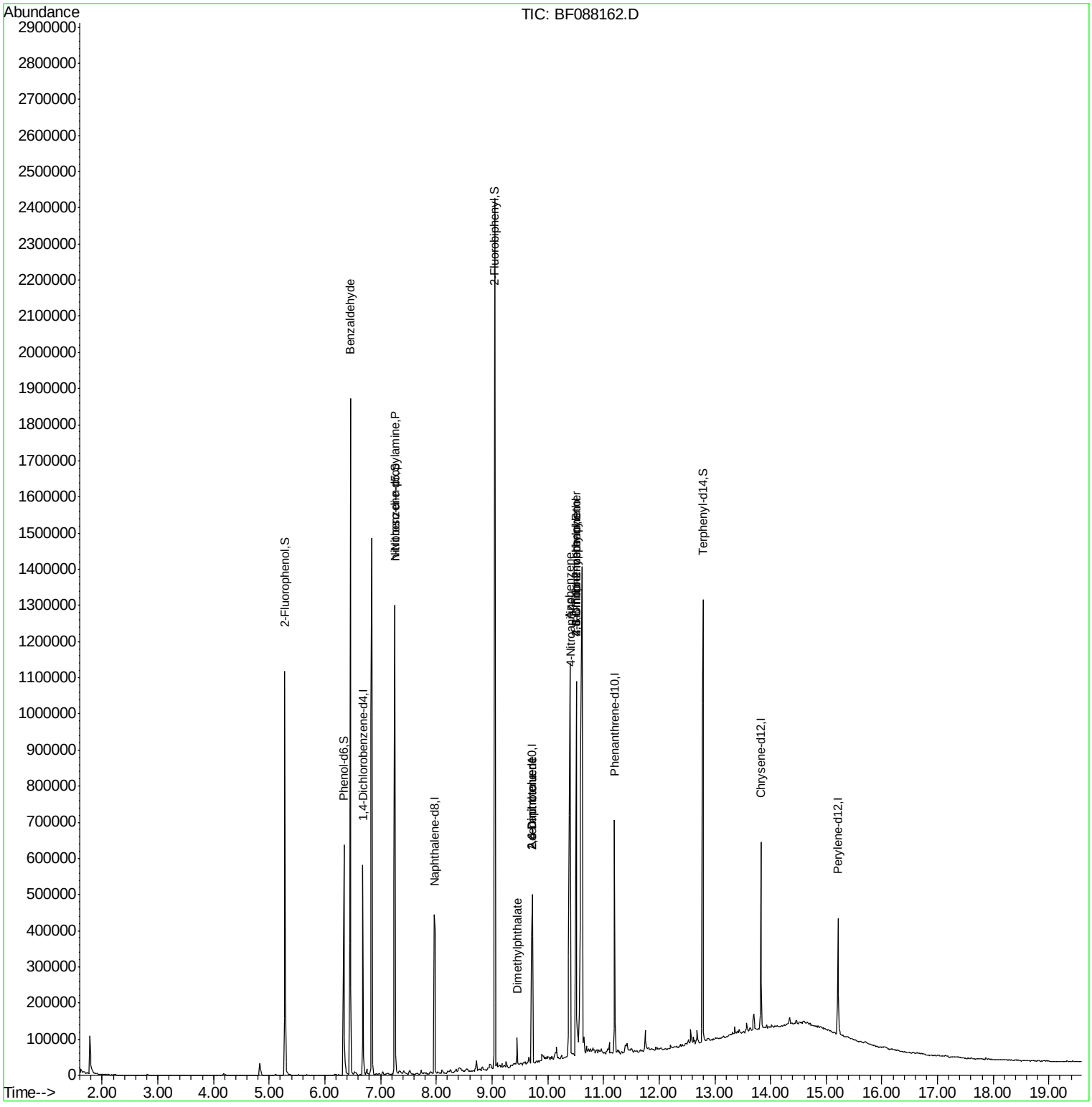
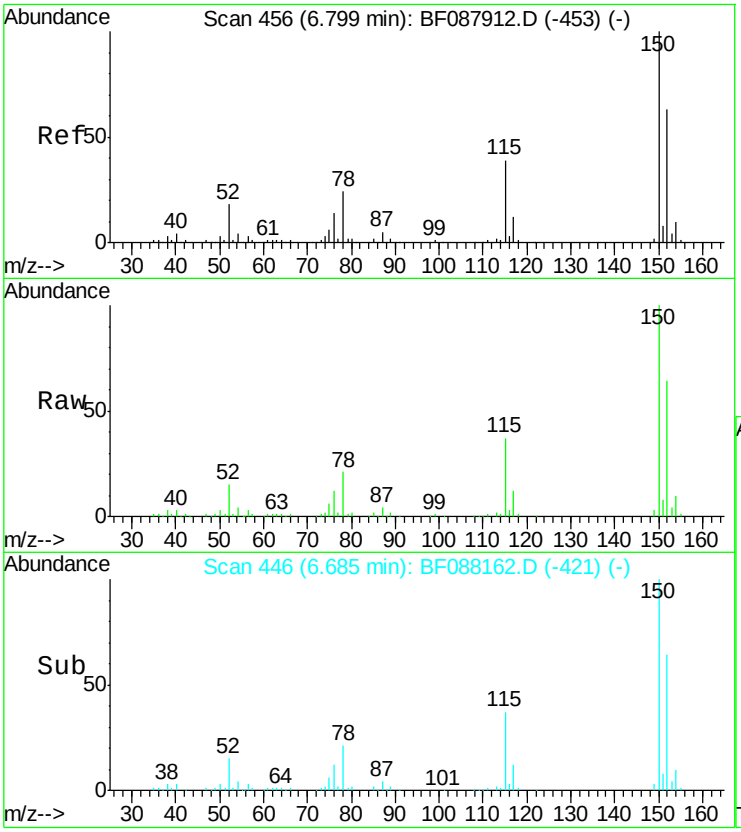
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration



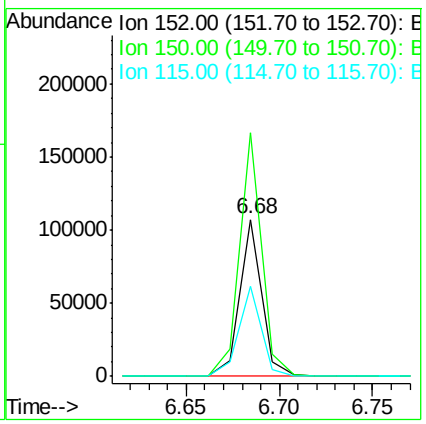


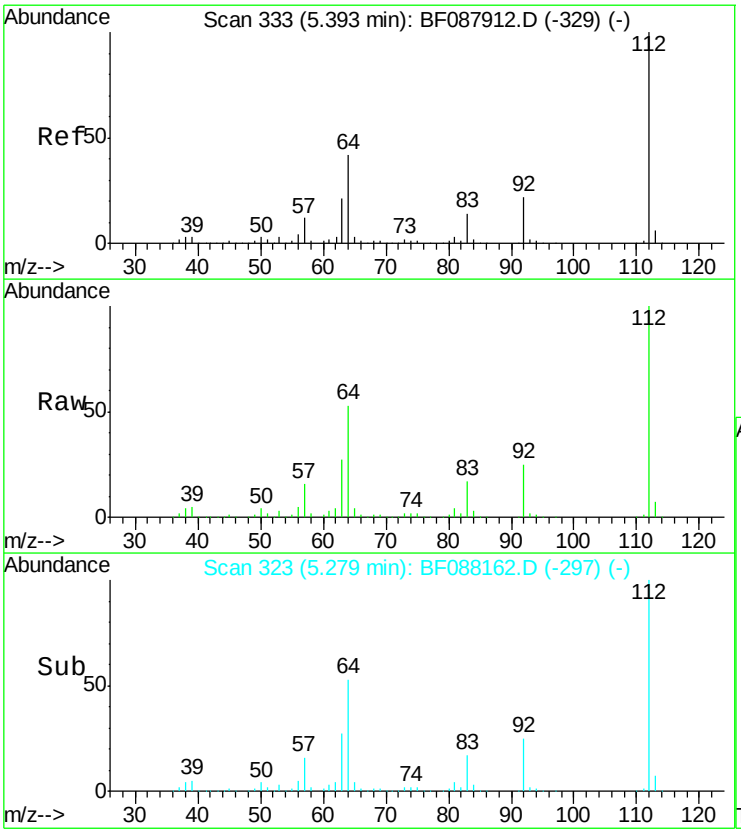
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:152 Resp: 88339

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	57.5	39.6	59.4

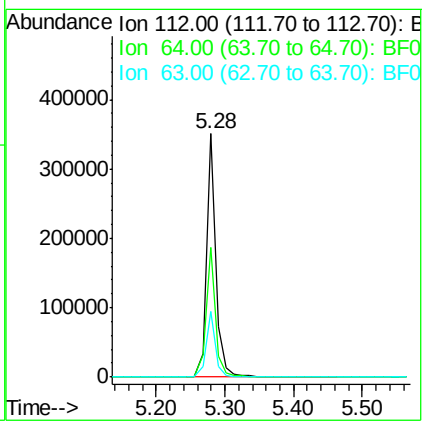


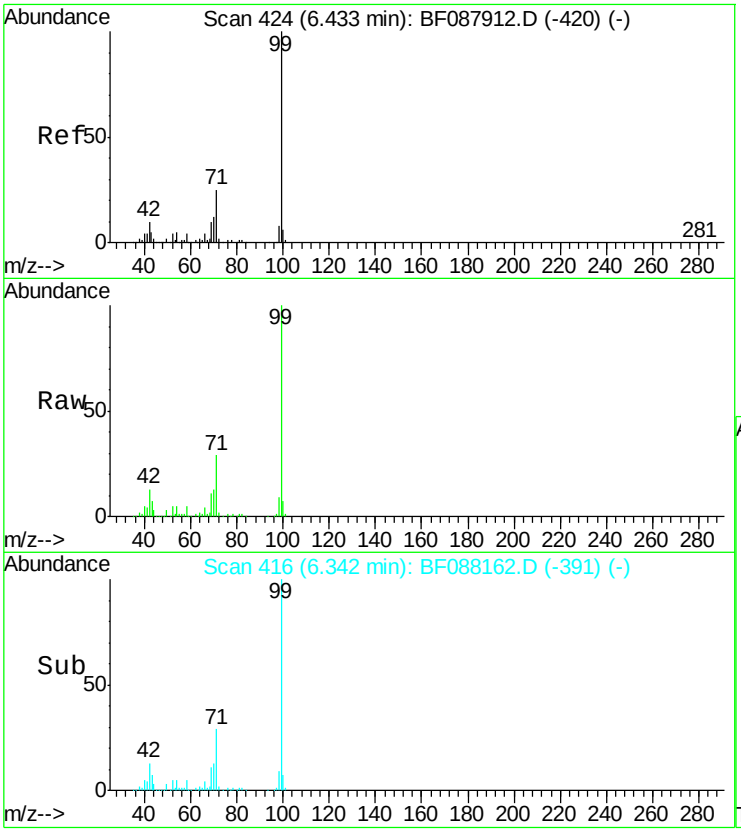


#5
2-Fluorophenol
Concen: 64.64 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:112 Resp: 333998

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.2	63.2
63	26.9	21.8	32.8



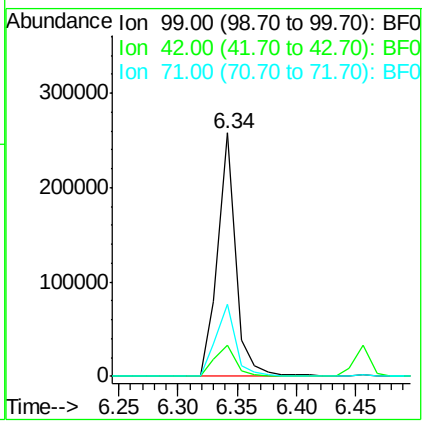


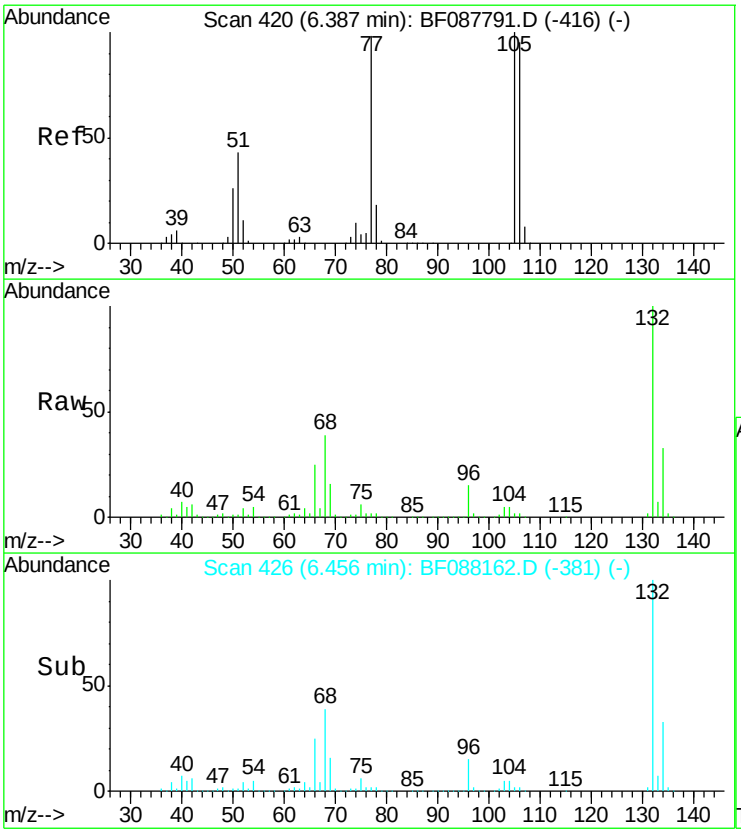
#7
Phenol-d6
Concen: 43.45 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 99 Resp: 272117

Ion	Ratio	Lower	Upper
99	100		
42	13.0	12.2	18.2
71	29.4	23.4	35.0

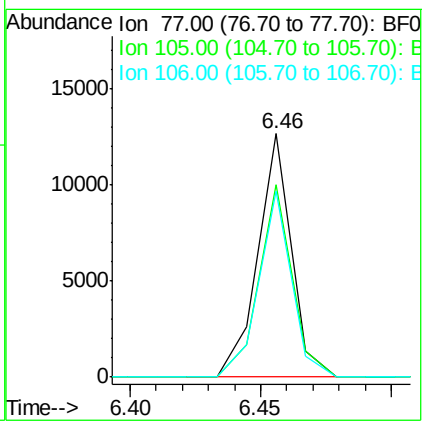


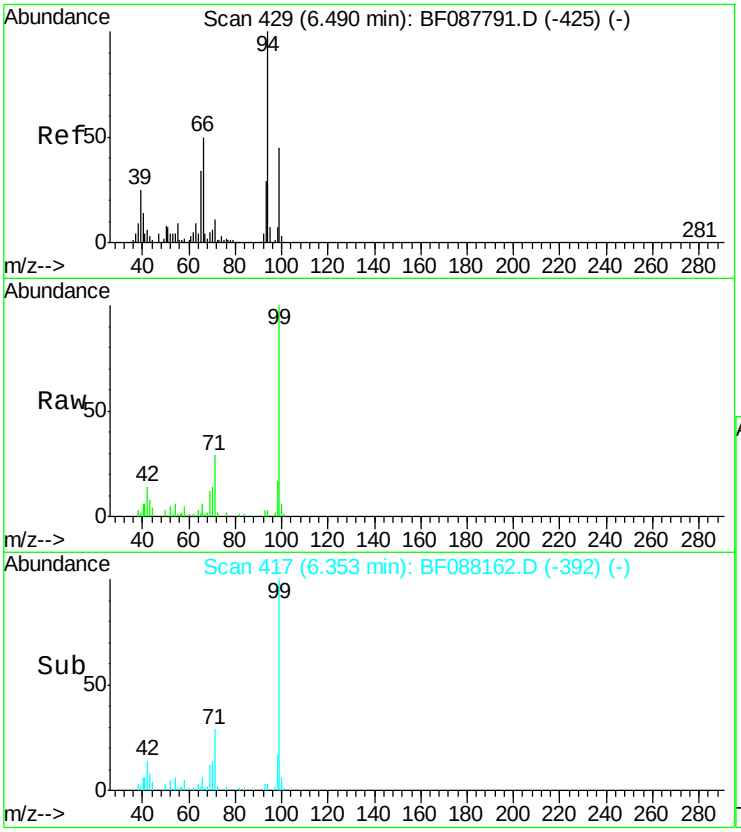


#9
Benzaldehyde
Concen: 2.63 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.22 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion: 77 Resp: 11427

Ion	Ratio	Lower	Upper
77	100		
105	79.1	90.6	130.6#
106	76.6	85.3	125.3#



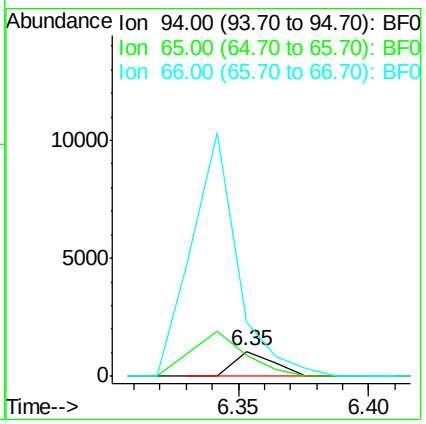


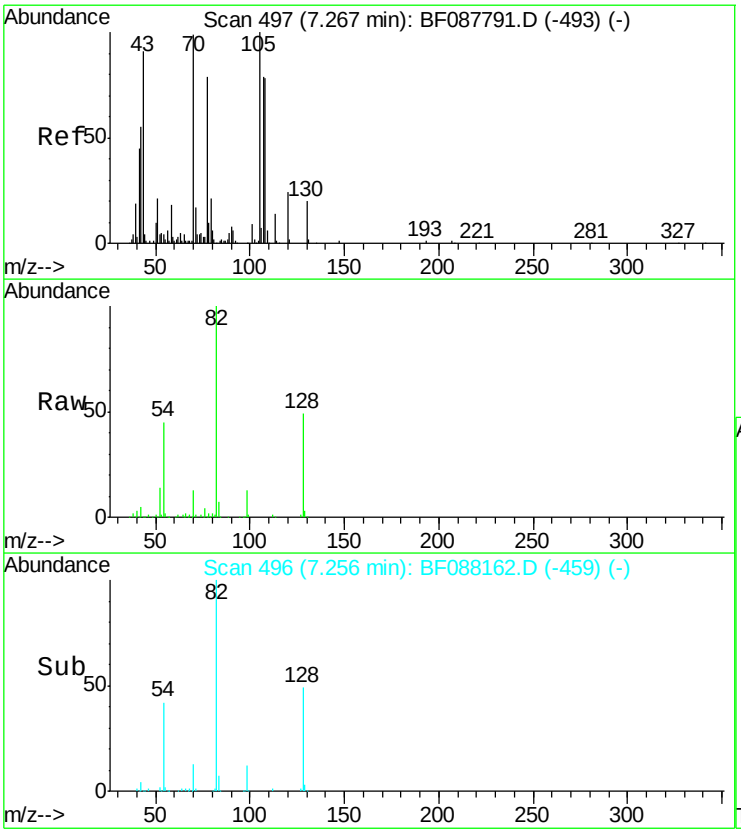
#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 94 Resp: 1105

Ion	Ratio	Lower	Upper
94	100		
65	80.0	5.9	45.9#
66	215.8	14.0	54.0#

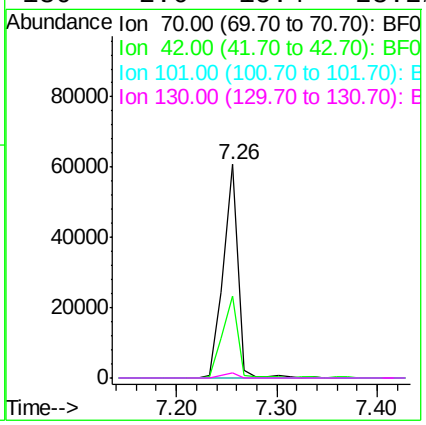


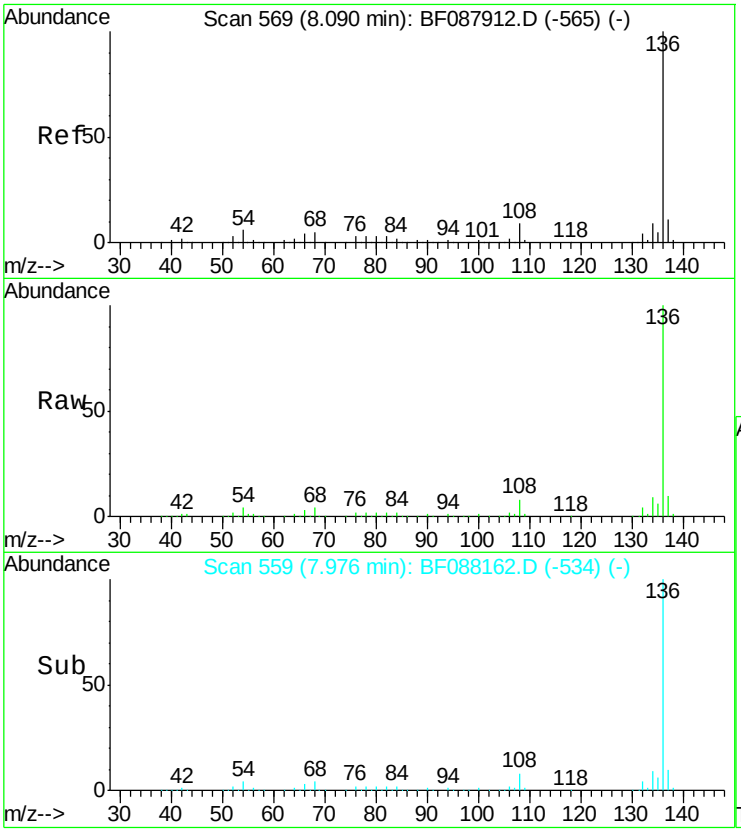


#19
n-Nitroso-di-n-propylamine
Concen: 15.52 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion: 70 Resp: 62193

Ion	Ratio	Lower	Upper
70	100		
42	38.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#



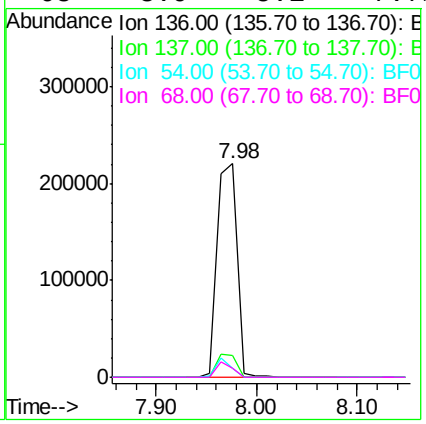


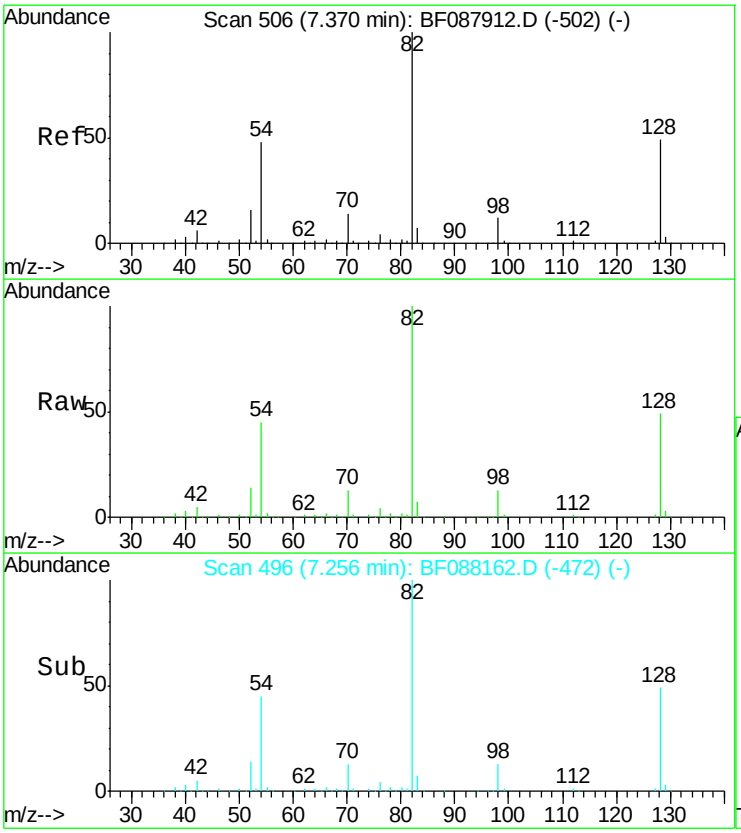
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:136 Resp: 304054

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	4.4	6.6	10.0#
68	3.9	5.1	7.7#

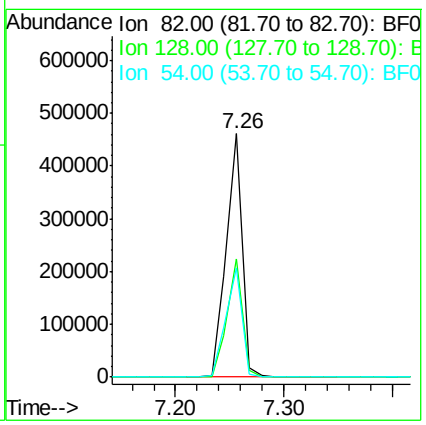


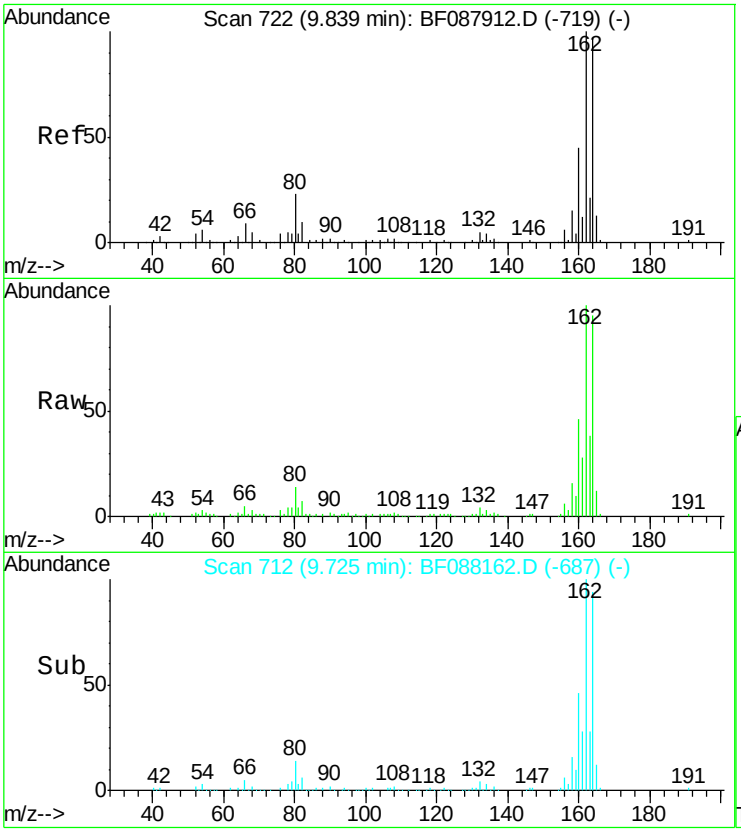


#23
Nitrobenzene-d5
Concen: 89.54 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion: 82 Resp: 466204

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.9	53.9
54	44.8	40.9	61.3



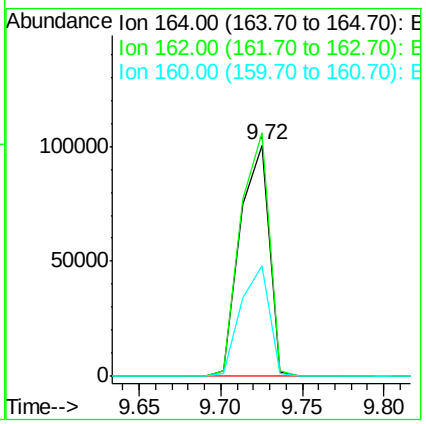


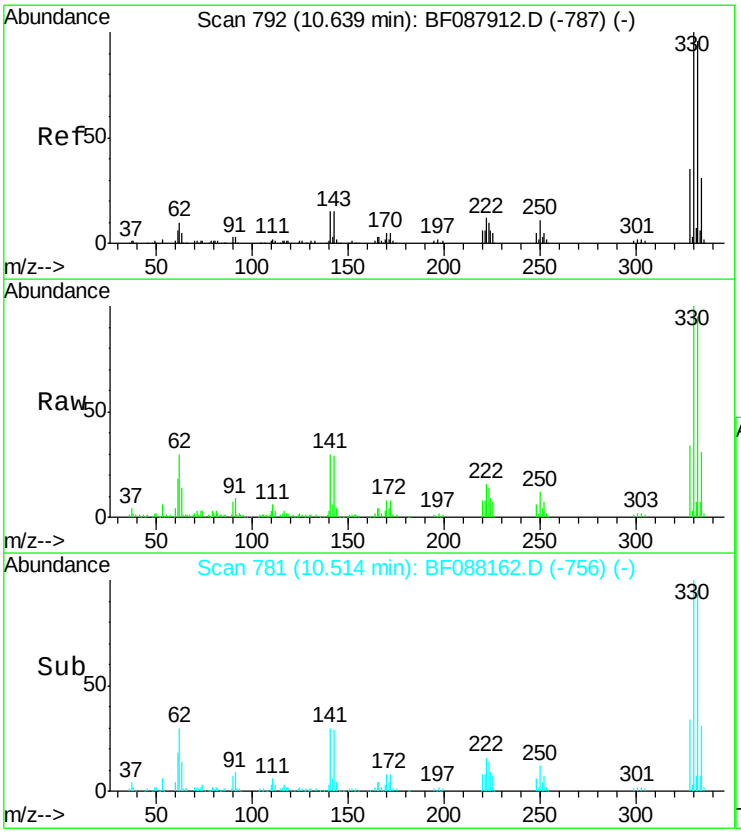
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:164 Resp: 123139

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	48.1	39.5	59.3

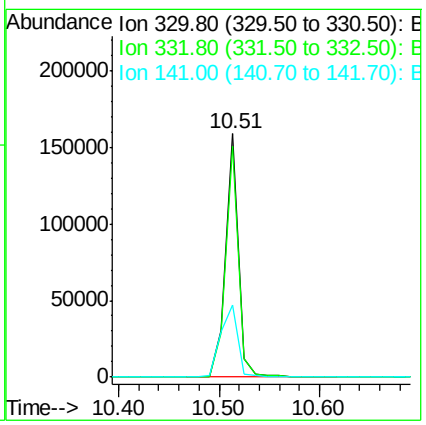


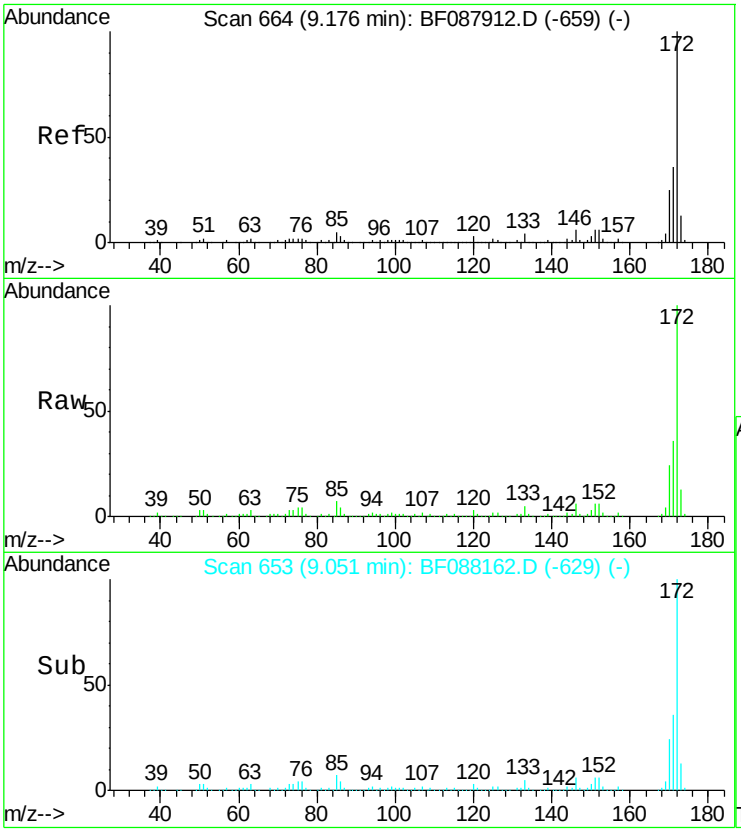


#41
2,4,6-Tribromophenol
Concen: 109.17 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:330 Resp: 141940

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	38.6	0.0	0.0#



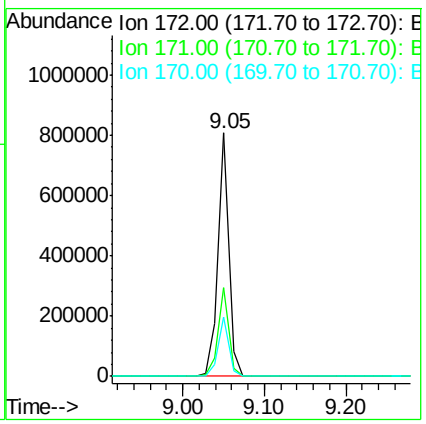


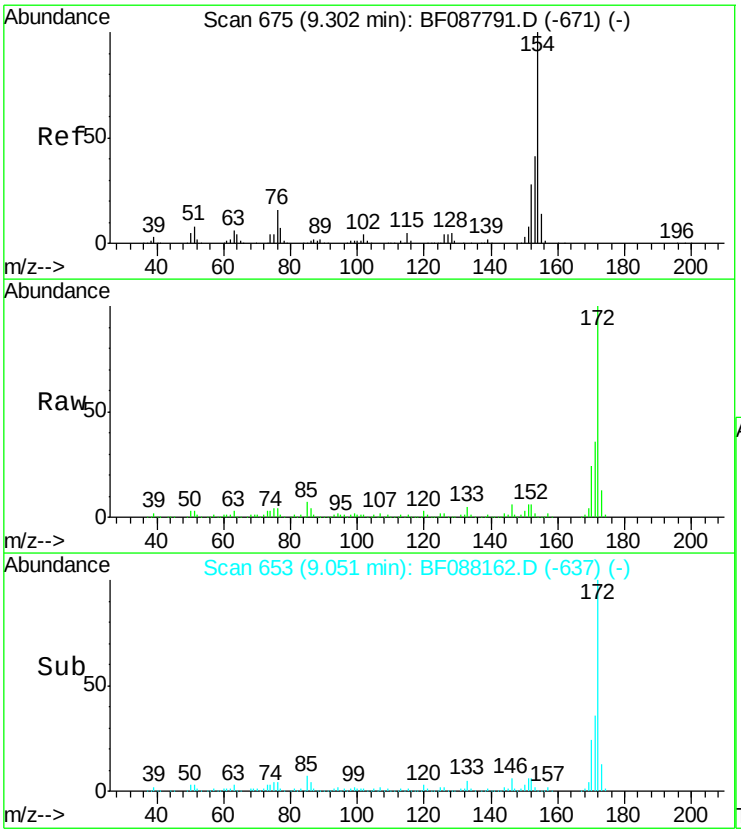
#44
2-Fluorobiphenyl
Concen: 95.38 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:172 Resp: 742357

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.2	28.8

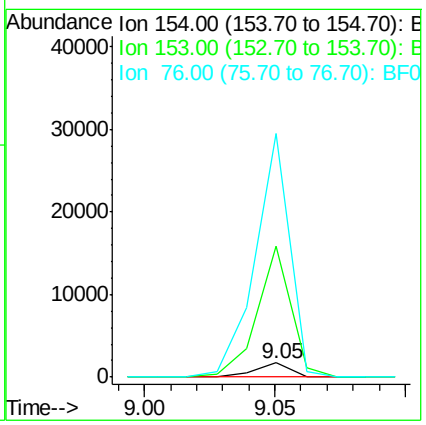


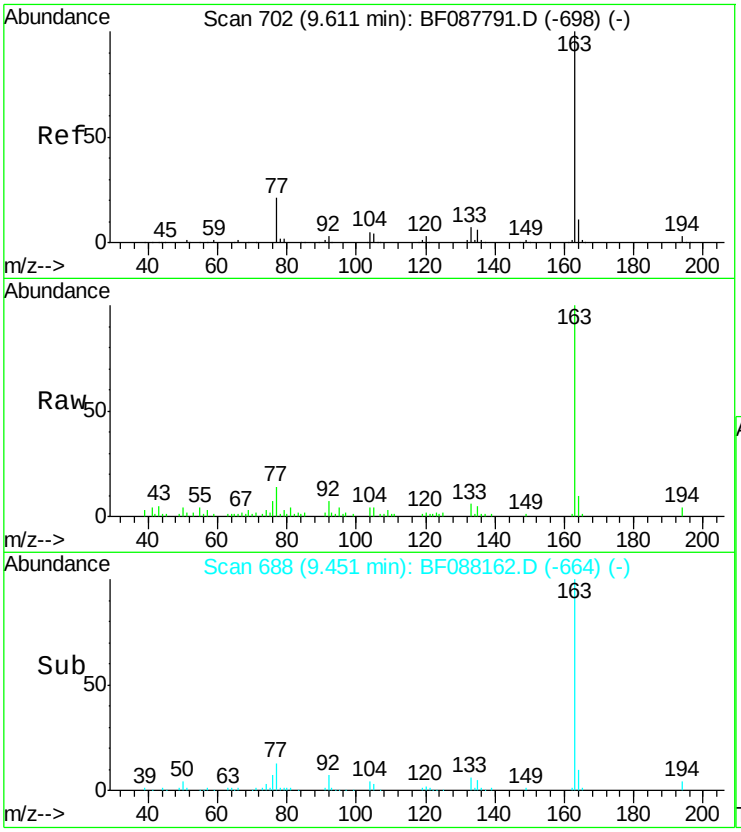


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.11 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:154 Resp: 1488

Ion	Ratio	Lower	Upper
154	100		
153	943.7	20.6	60.6#
76	1746.4	0.0	35.1#



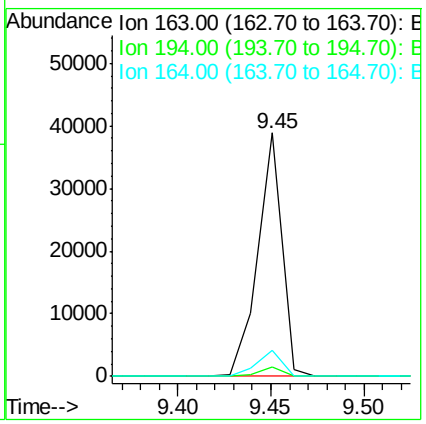


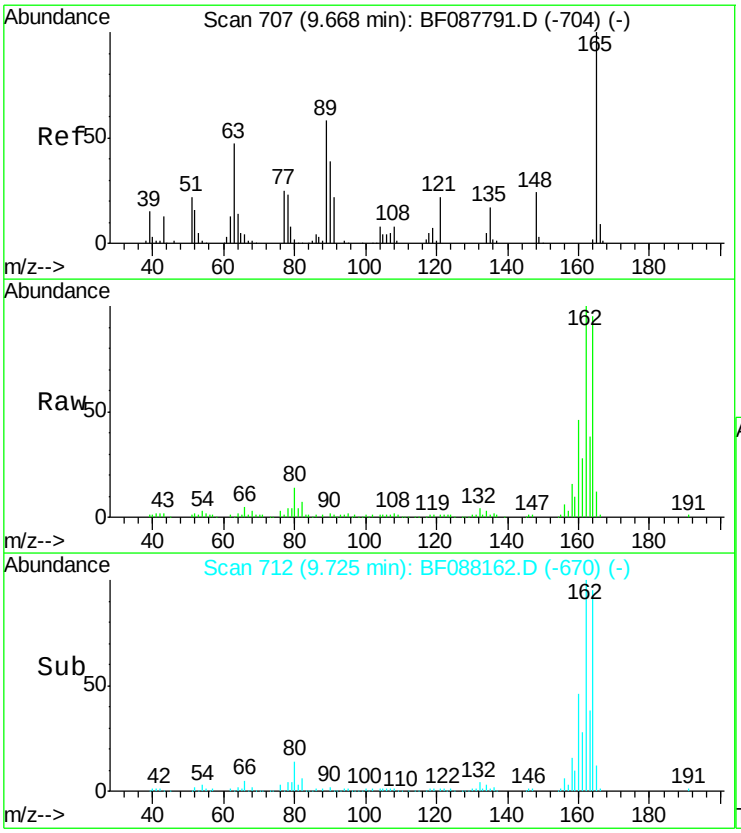
#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:163 Resp: 34584

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.4	8.3	12.5

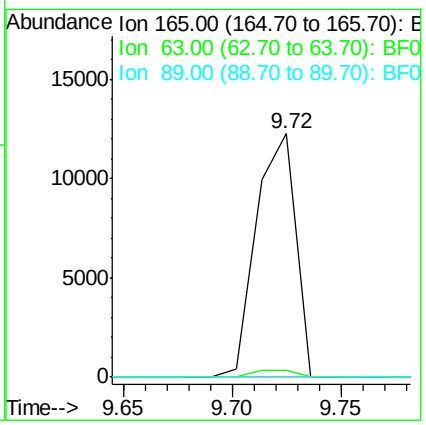


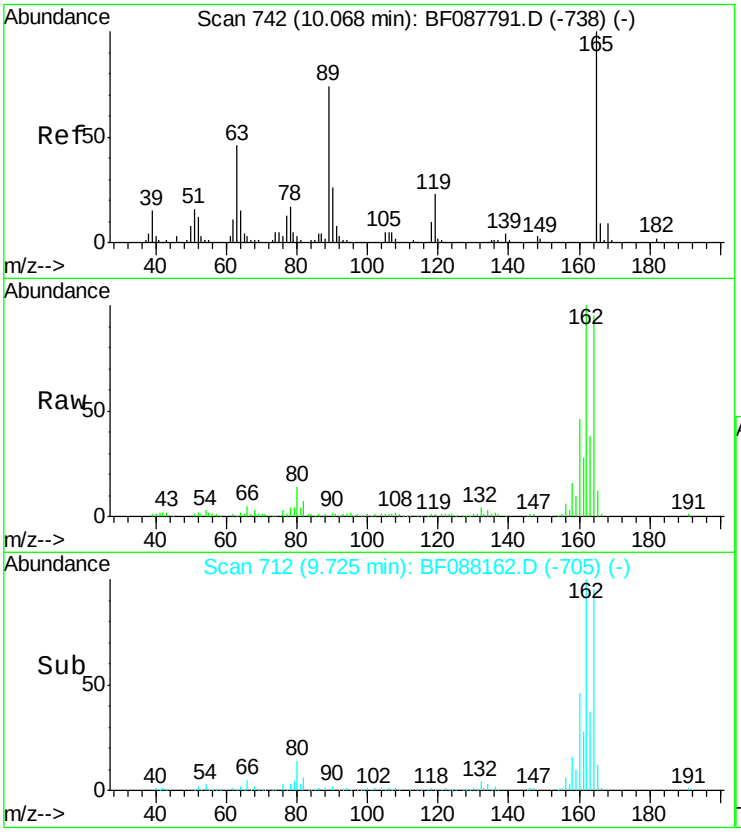


#50
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.18 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:165 Resp: 15490

Ion	Ratio	Lower	Upper
165	100		
63	2.7	28.1	42.1#
89	0.0	32.2	48.2#



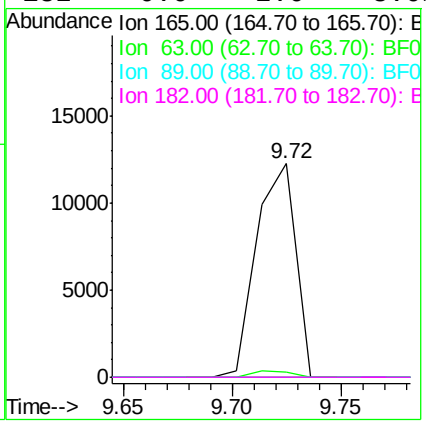


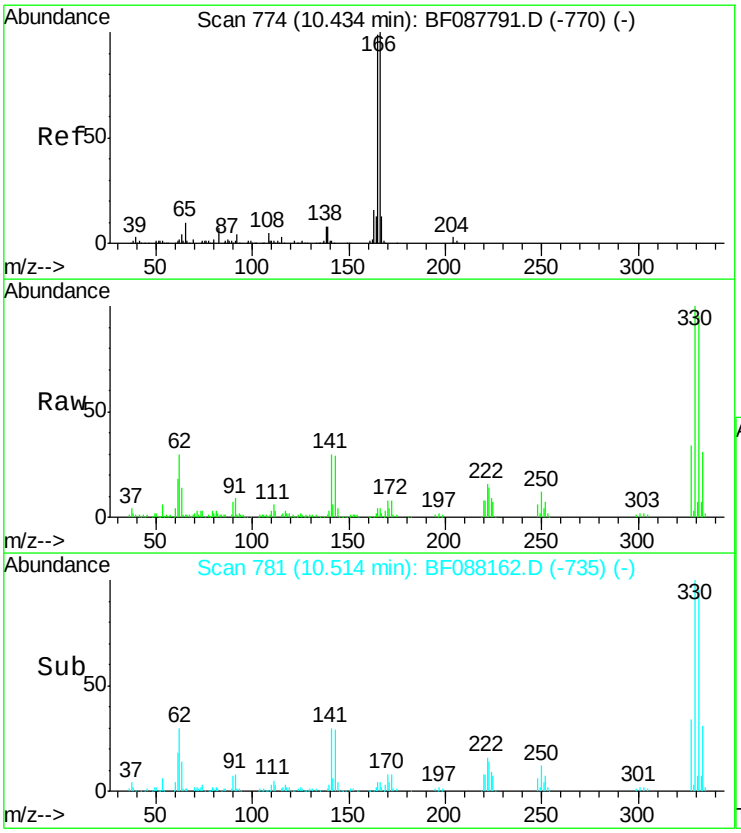
#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:165 Resp: 15490

Ion	Ratio	Lower	Upper
165	100		
63	2.7	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

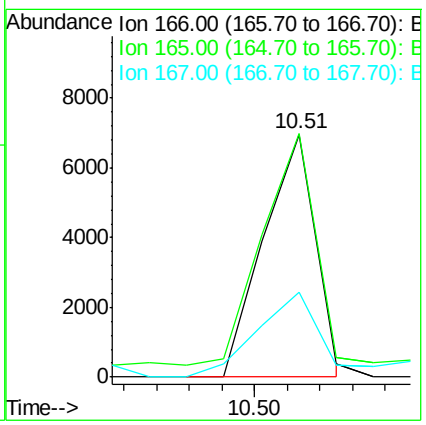


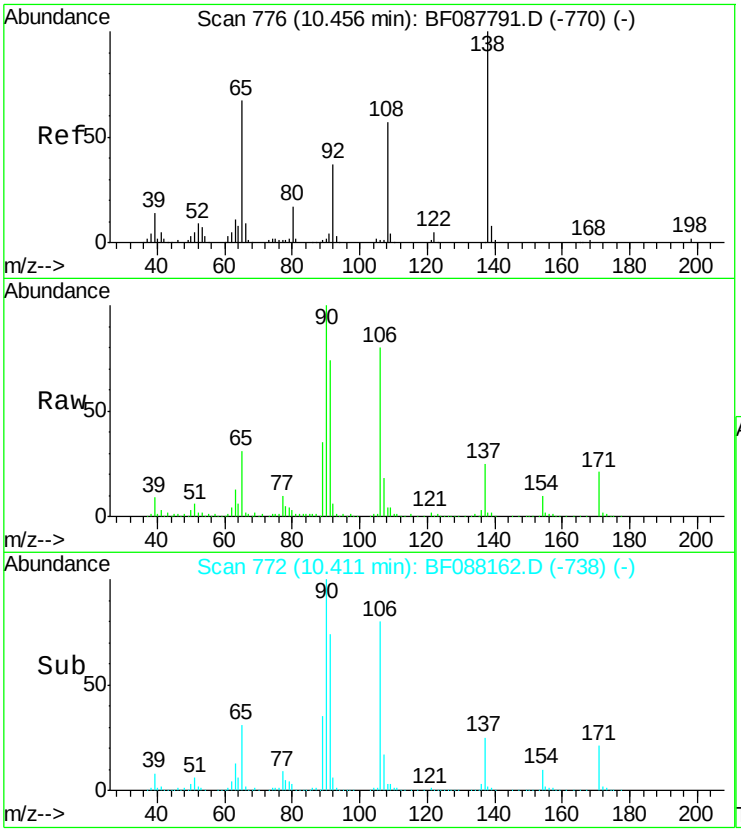


#57
Fluorene
Concen: Below Cal
RT: 10.51 min Scan# 781
Delta R.T. 0.23 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:166 Resp: 7723

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.8
167	34.9	11.2	16.8#



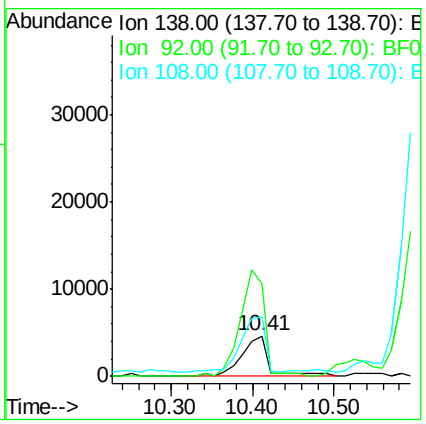


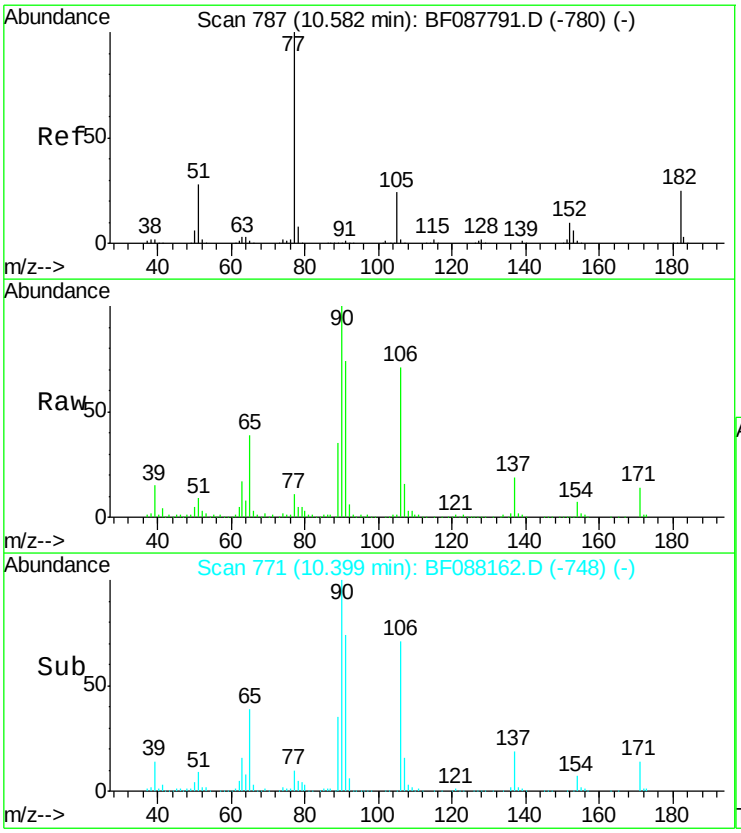
#61
4-Nitroaniline
Concen: 4.75 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.09 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:138 Resp: 10630

Ion	Ratio	Lower	Upper
138	100		
92	231.0	27.3	67.3#
108	147.1	46.7	86.7#

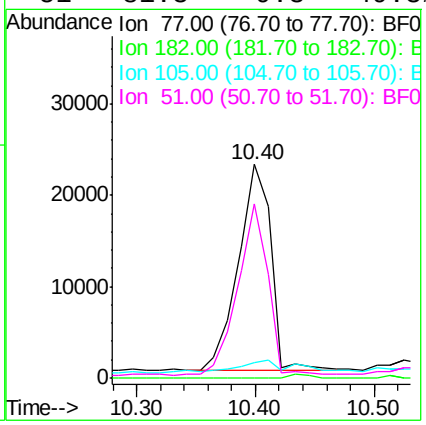


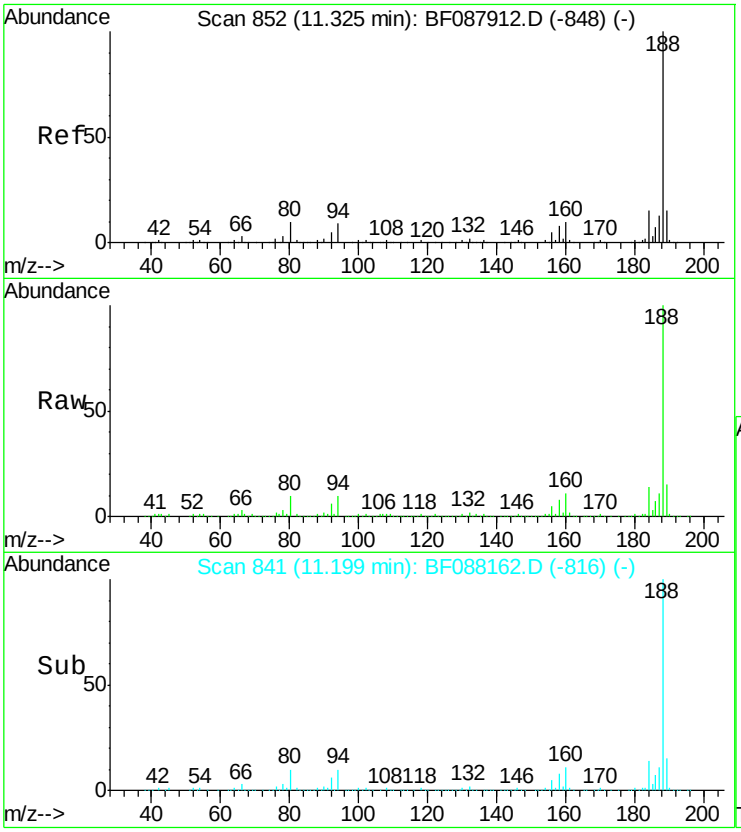


#62
Azobenzene
Concen: 4.77 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion: 77 Resp: 42560

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	7.3	3.8	43.8
51	81.3	9.3	49.3#



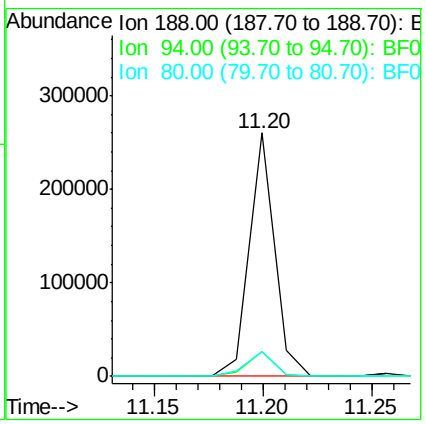


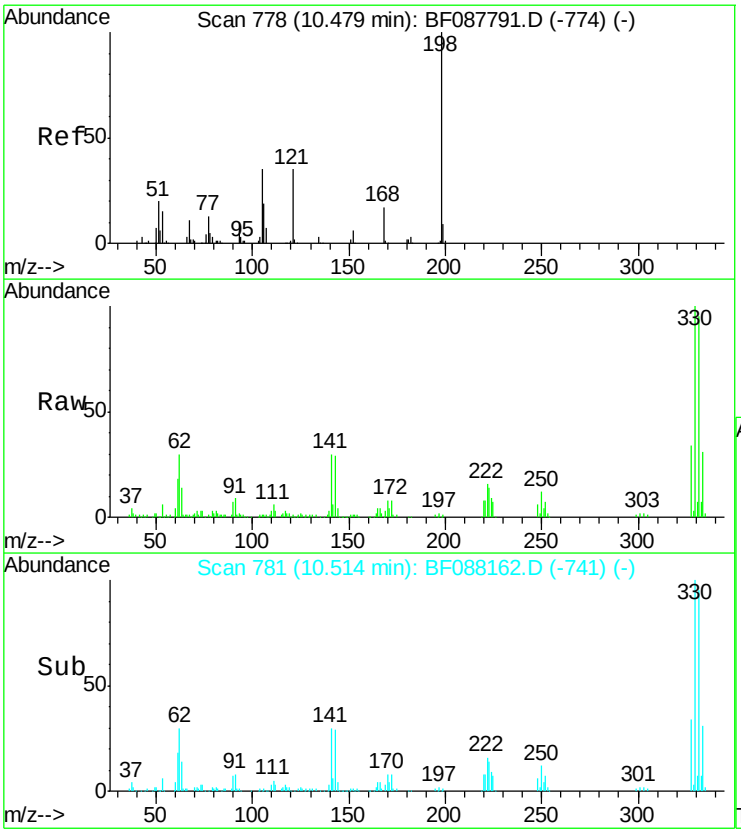
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:188 Resp: 210843

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.6
80	10.3	10.0	15.0

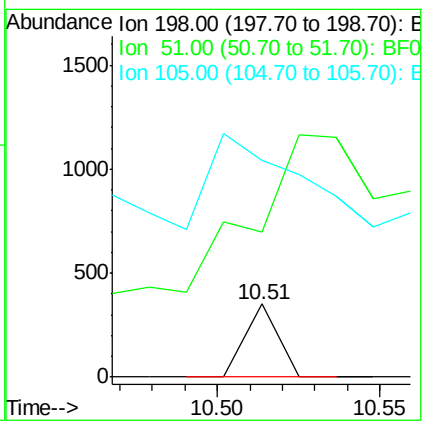


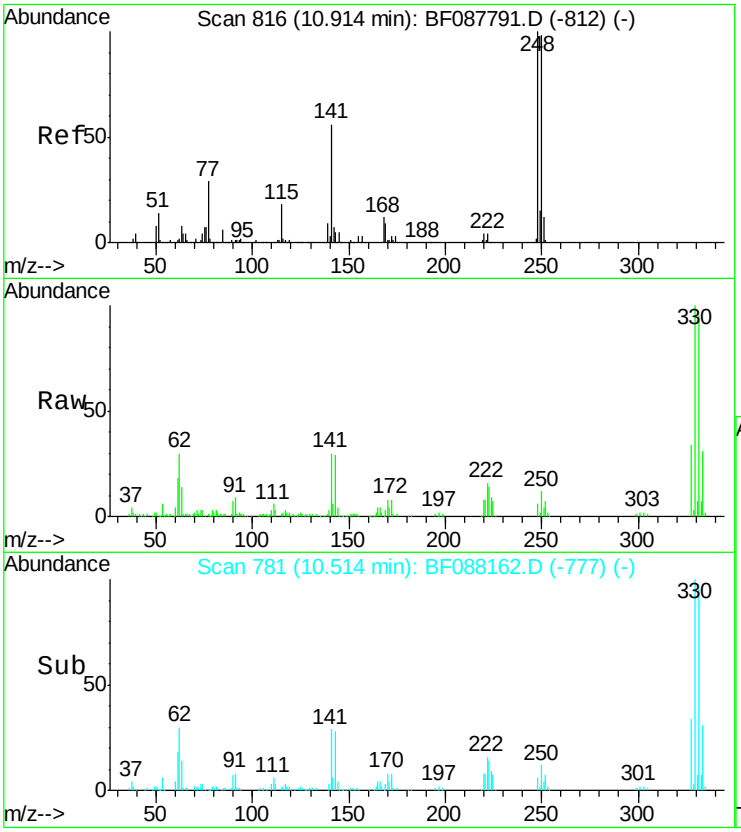


#64
4,6-Dinitro-2-methylphenol
Concen: 2.34 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.16 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:198 Resp: 241

Ion	Ratio	Lower	Upper
198	100		
51	197.4	39.6	79.6#
105	295.7	36.6	76.6#



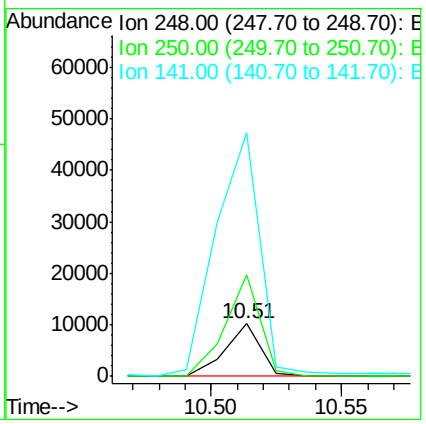


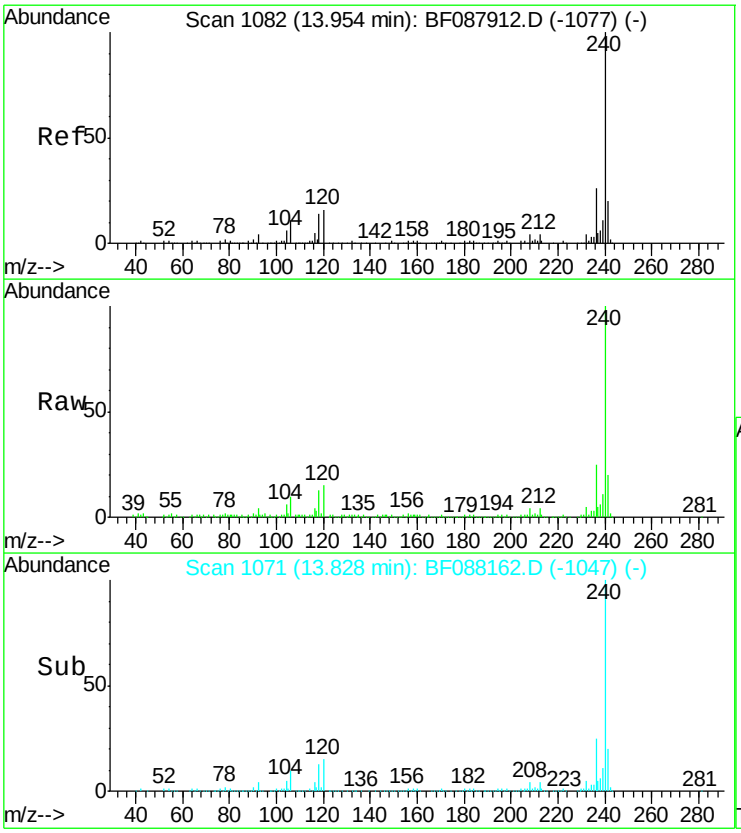
#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:248 Resp: 9595

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	465.1	50.6	76.0#

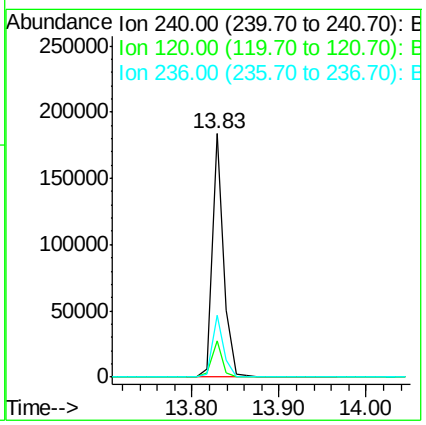


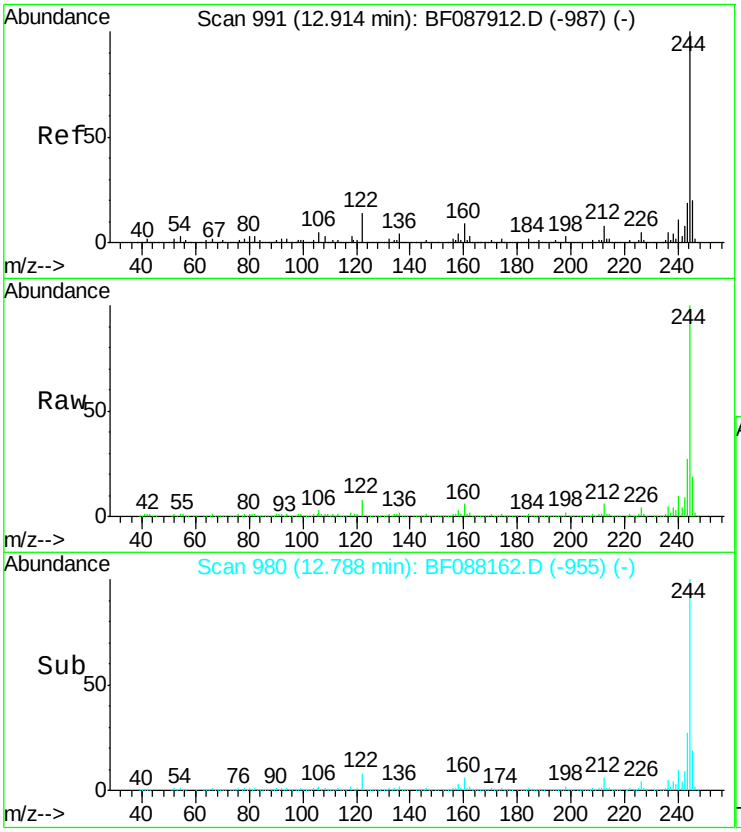


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:240 Resp: 169304

Ion	Ratio	Lower	Upper
240	100		
120	15.0	6.8	10.2#
236	25.4	20.2	30.2



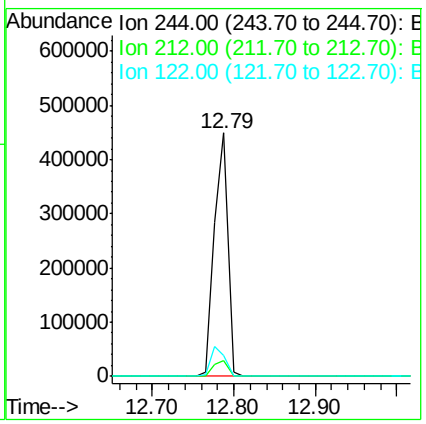


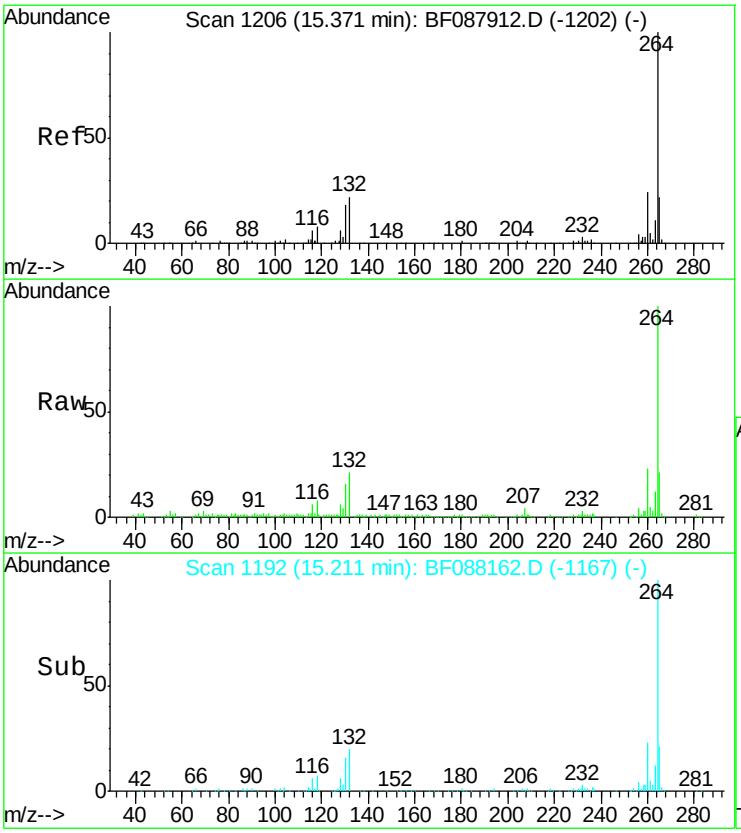
#78
Terphenyl-d14
Concen: 69.35 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:244 Resp: 515967

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	8.3	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088162.D
Acq: 19 Jun 2016 5:14

Tgt Ion:264 Resp: 128376

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	16.9	25.3