Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088159.D
Acq On : 19 Jun 2016 3:47
Operator : UM/SJ
Sample : H3628-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

Quant Time: Jun 19 07:54:32 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	85861	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	295395	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	118629	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	195541	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	160678	20.00	ng	-0.02
86) Perylene-d12	15.21	264	124099	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	323376	64.39	ng	0.00
7) Phenol-d6	6.34	99	249337	40.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	455729	90.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	139973	111.75	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	729290	97.38	ng	-0.02
78) Terphenyl-d14	12.79	244	554896	78.59	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	11119	2.63	ng	# 72
10) Phenol	6.35	94	947	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.26	70	60464	15.53	ng	# 69
45) 1,1'-Biphenyl	9.05	154	1739	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.72	165	15199	6.01	ng	# 37
57) Fluorene	10.51	166	7127	Below Cal		# 89
66) 4-Bromophenyl-phenylether	10.51	248	9031	4.30	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 19 Jun 2016 3:47
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Misc :
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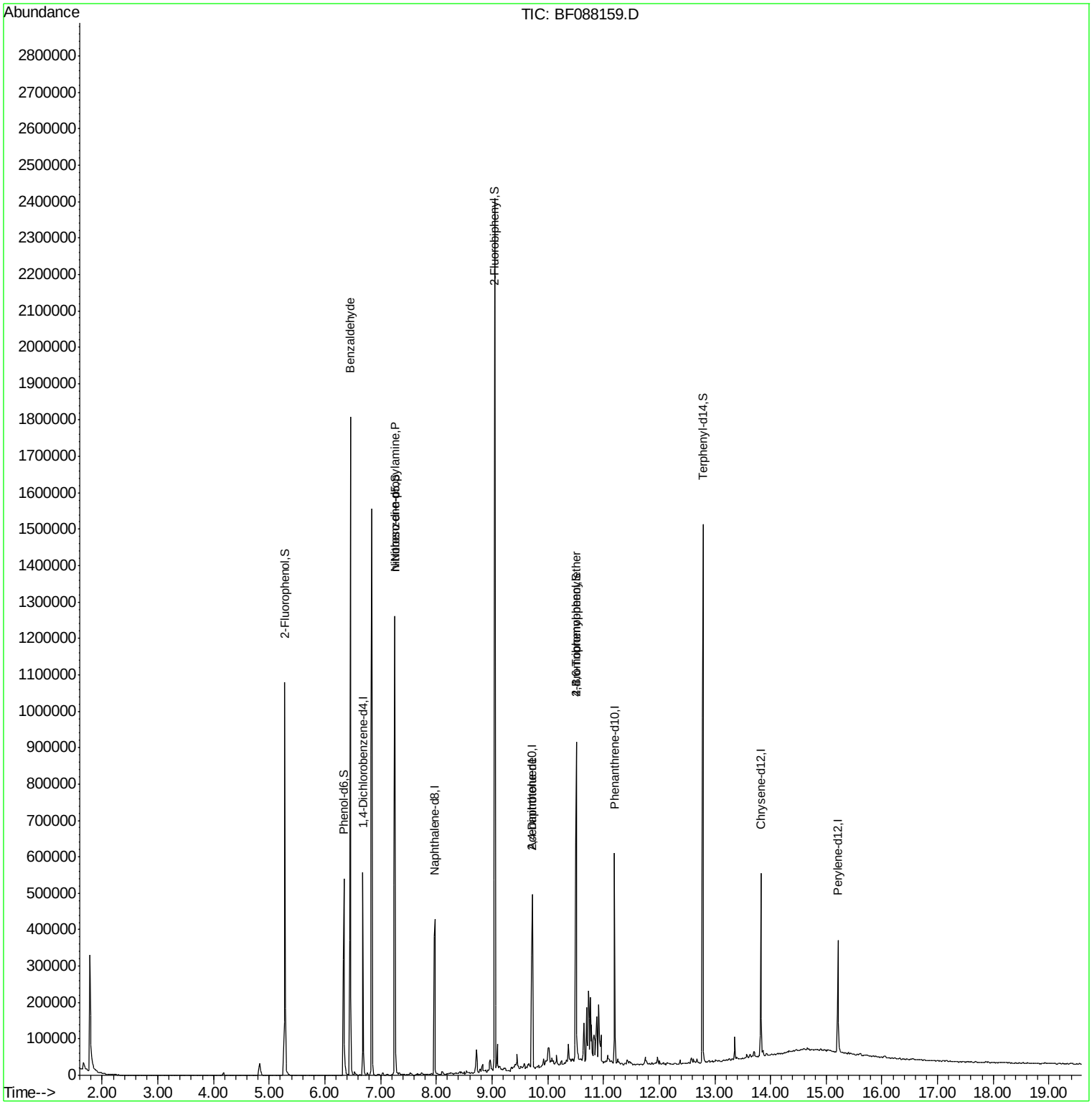
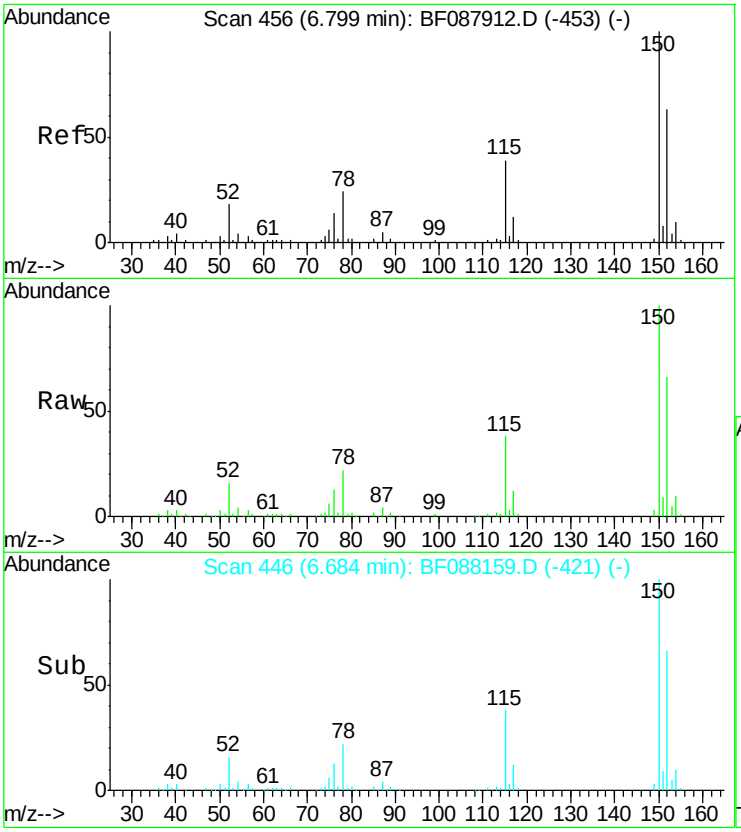


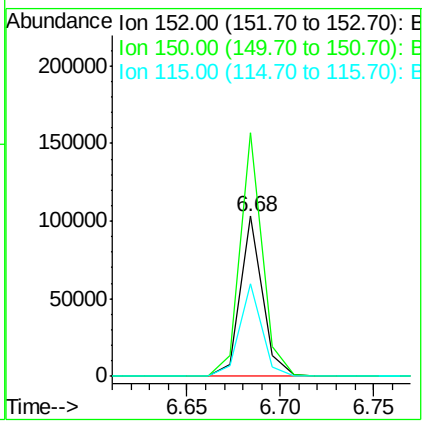


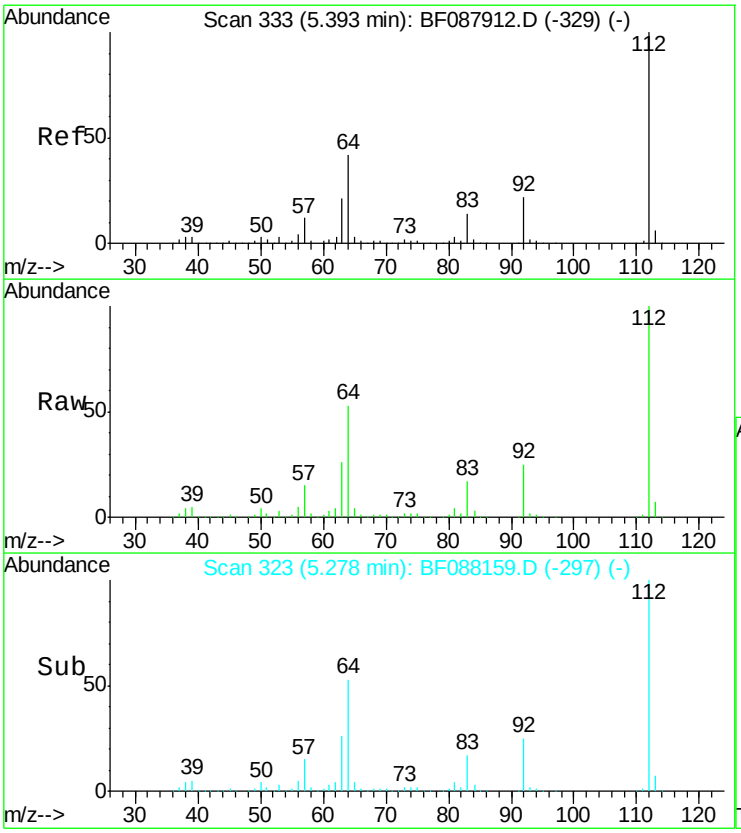
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:152 Resp: 85861

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.8	185.6
115	57.8	39.6	59.4

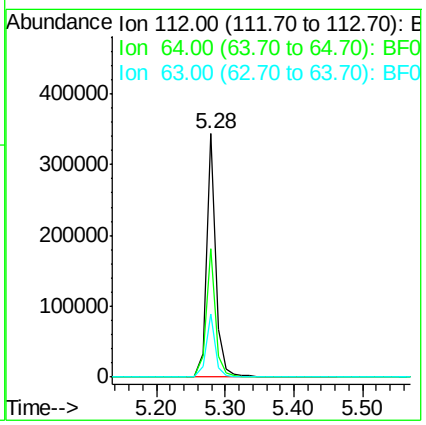


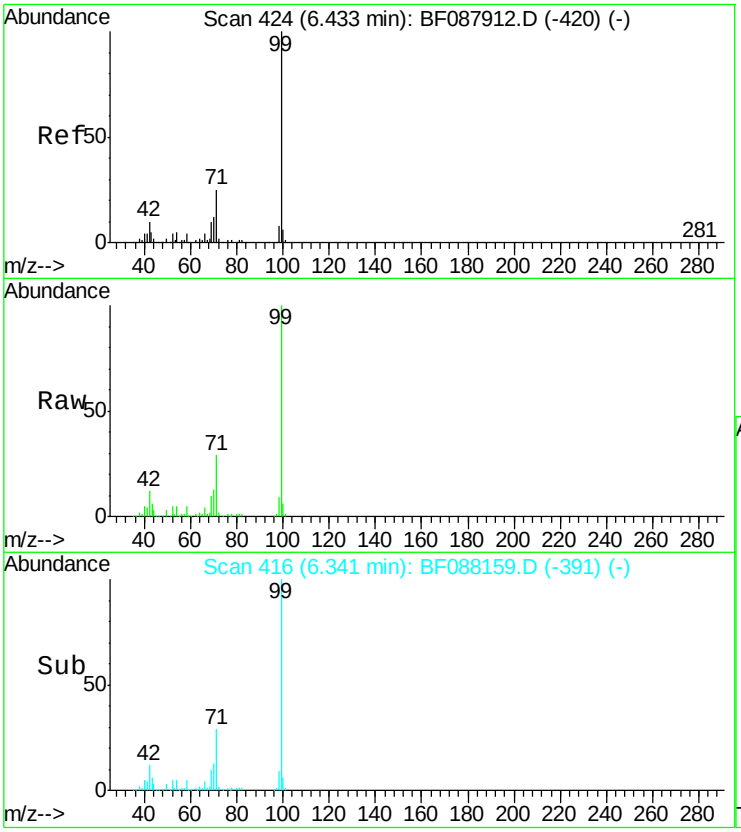


#5
2-Fluorophenol
Concen: 64.39 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion:112 Resp: 323376

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.2	63.2
63	26.2	21.8	32.8



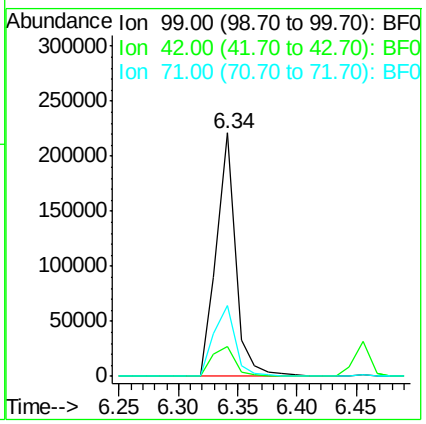


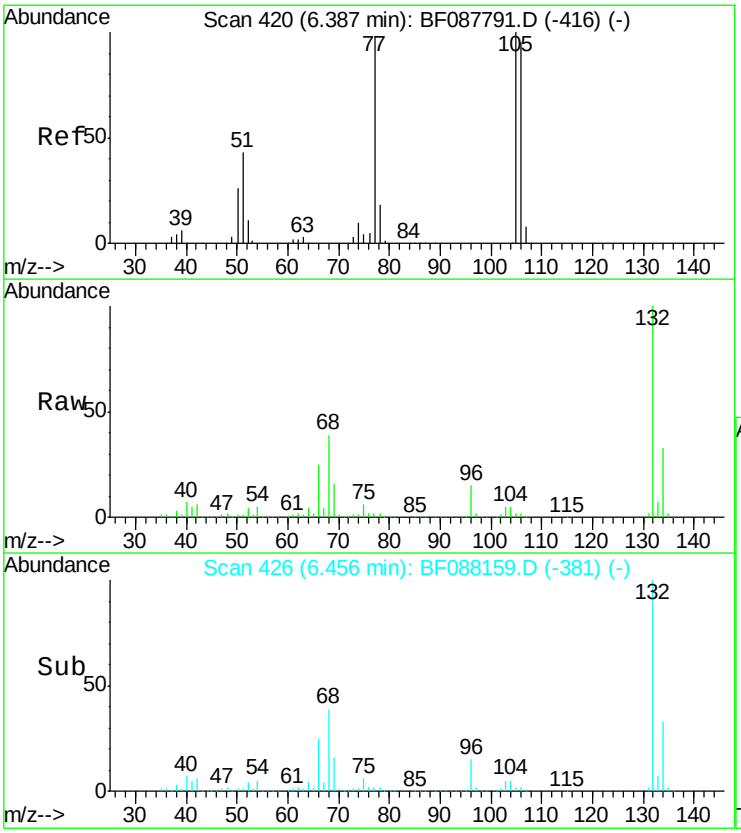
#7
Phenol-d6
Concen: 40.96 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion: 99 Resp: 249337

Ion	Ratio	Lower	Upper
99	100		
42	12.3	12.2	18.2
71	28.9	23.4	35.0

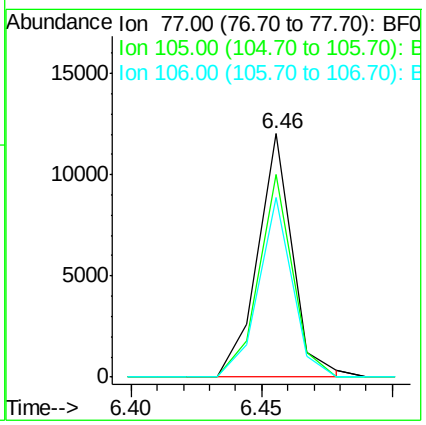


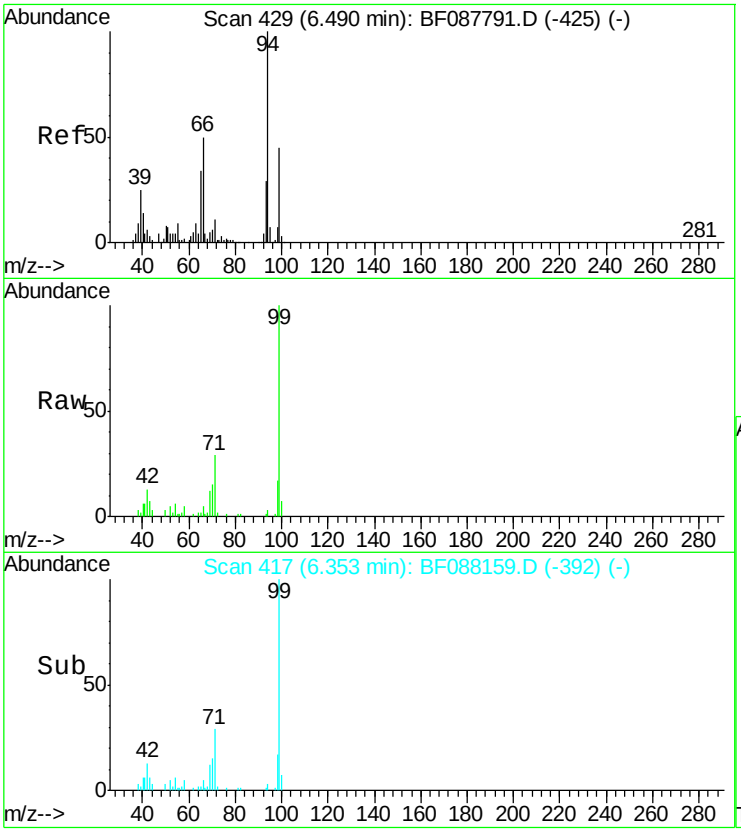


#9
Benzaldehyde
Concen: 2.63 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.22 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion: 77 Resp: 11119

Ion	Ratio	Lower	Upper
77	100		
105	83.0	90.6	130.6#
106	73.9	85.3	125.3#



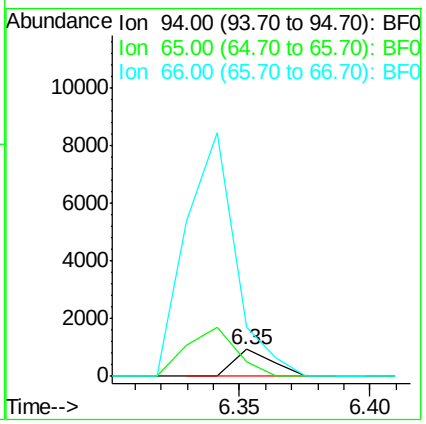


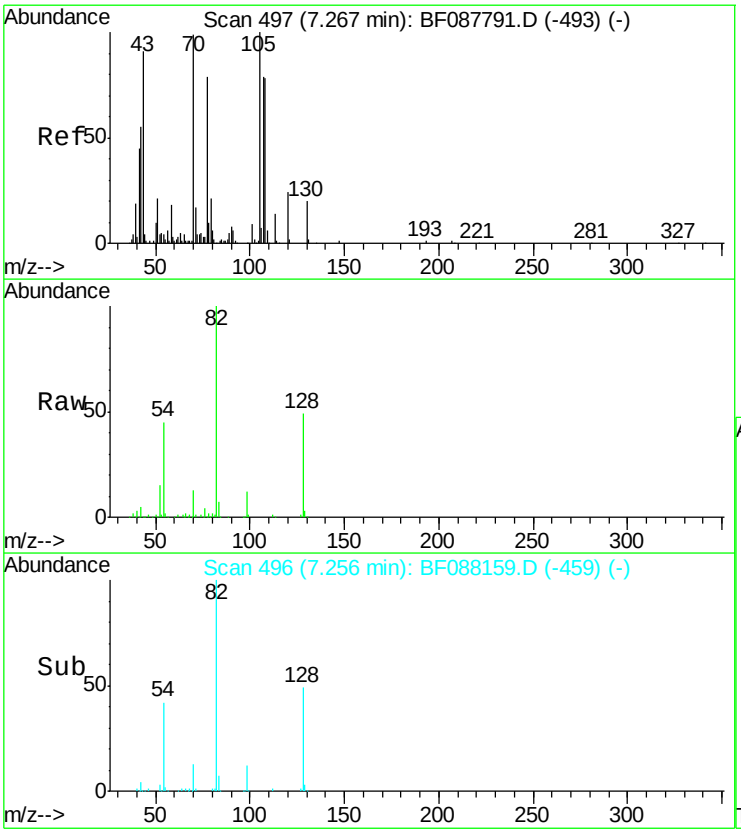
#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion: 94 Resp: 947

Ion	Ratio	Lower	Upper
94	100		
65	55.7	5.9	45.9#
66	182.6	14.0	54.0#

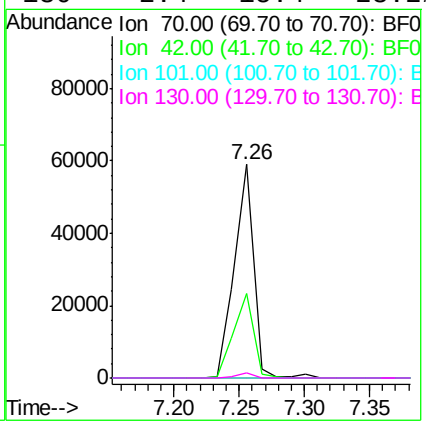


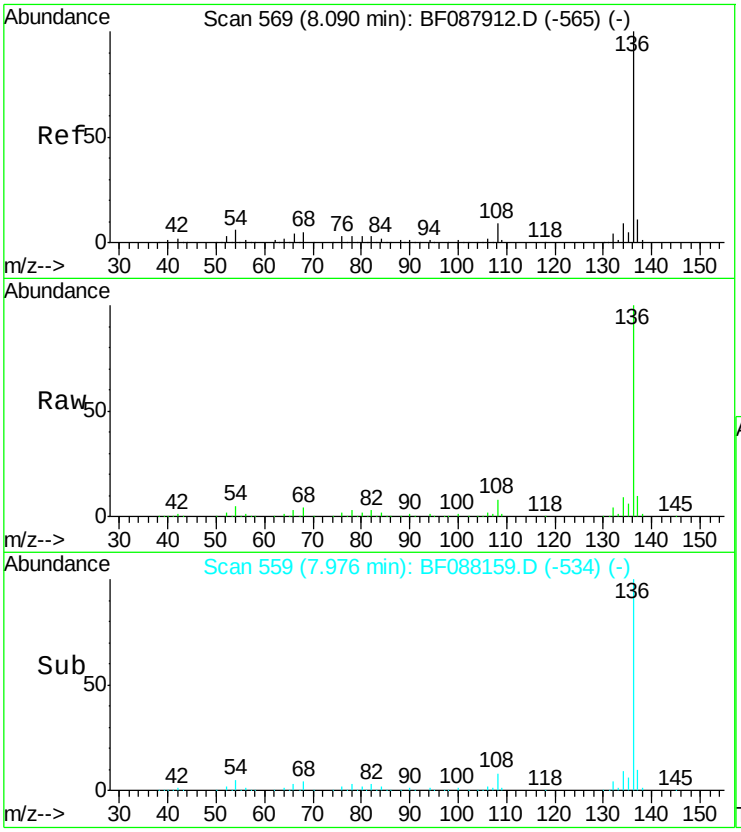


#19
n-Nitroso-di-n-propylamine
Concen: 15.53 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion: 70 Resp: 60464

Ion	Ratio	Lower	Upper
70	100		
42	39.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



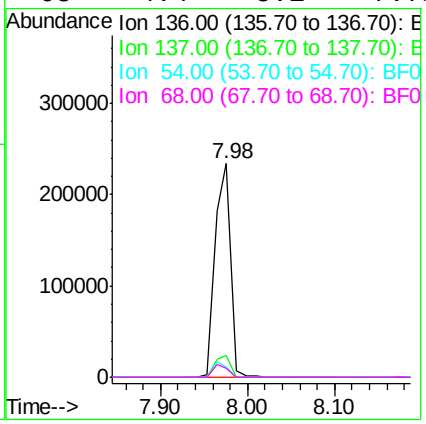


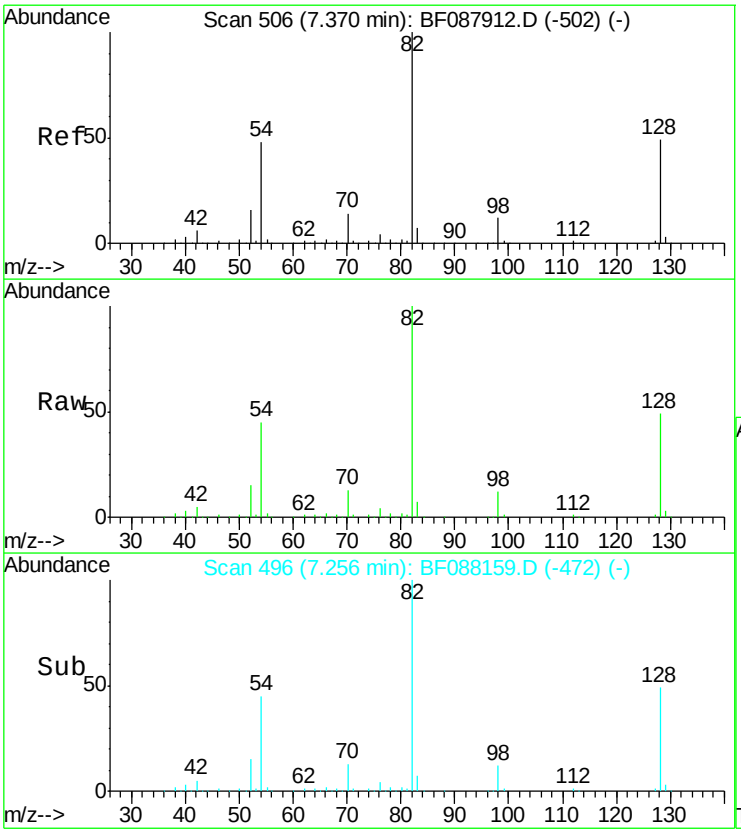
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:136 Resp: 295395

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.9	6.6	10.0#
68	4.4	5.1	7.7#

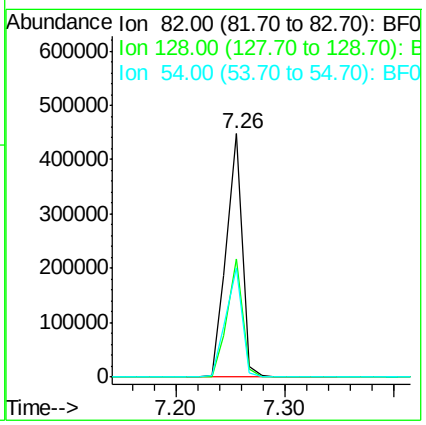


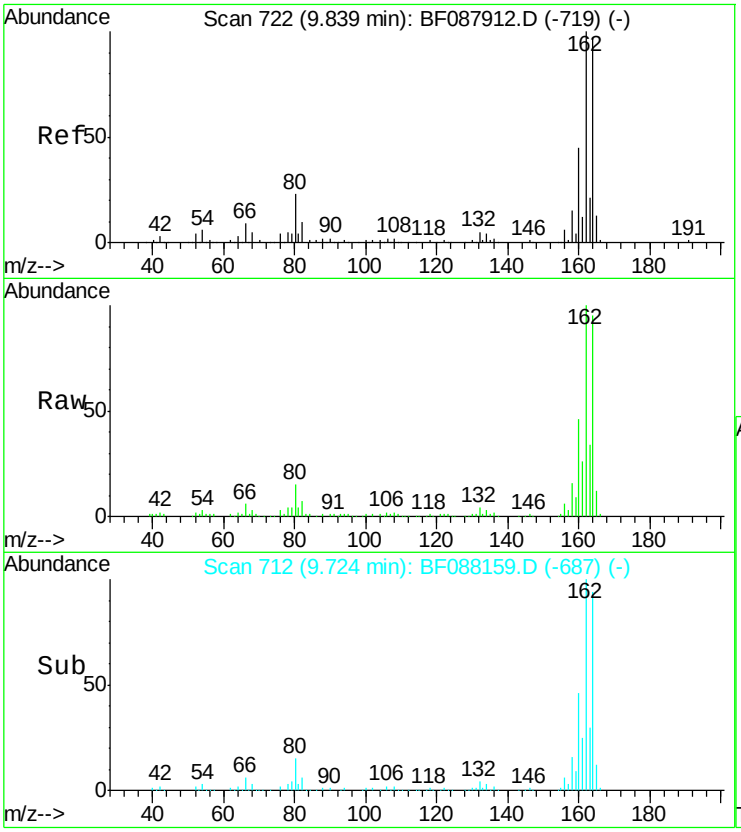


#23
Nitrobenzene-d5
Concen: 90.09 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion: 82 Resp: 455729

Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.9	53.9
54	44.8	40.9	61.3



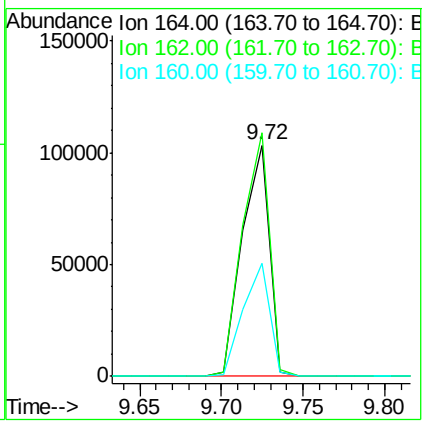


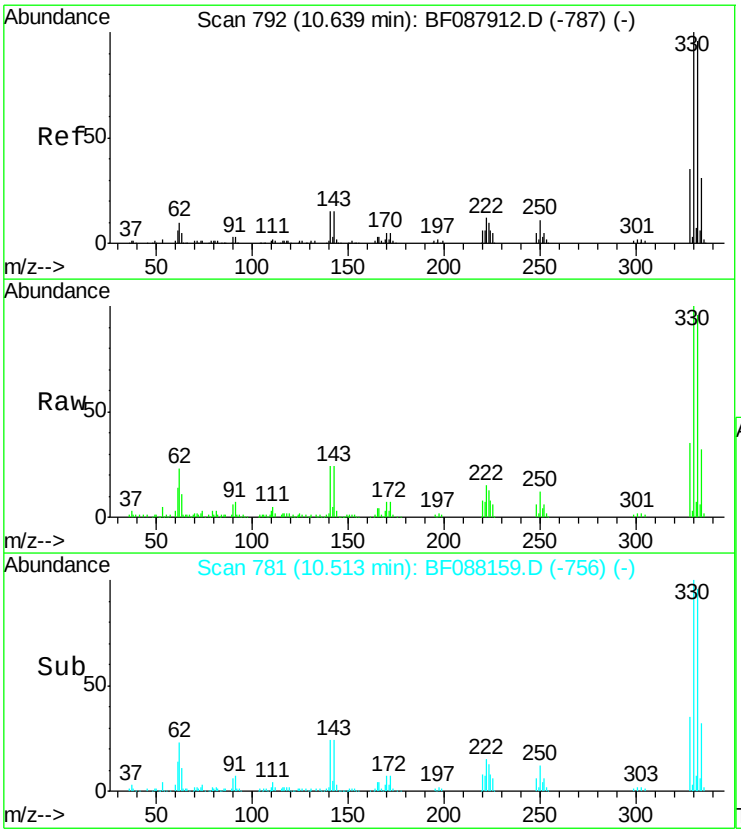
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:164 Resp: 118629

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	48.9	39.5	59.3

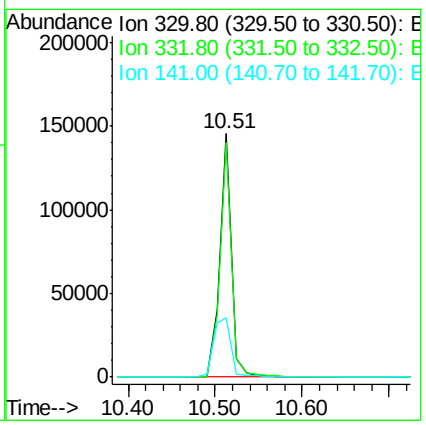


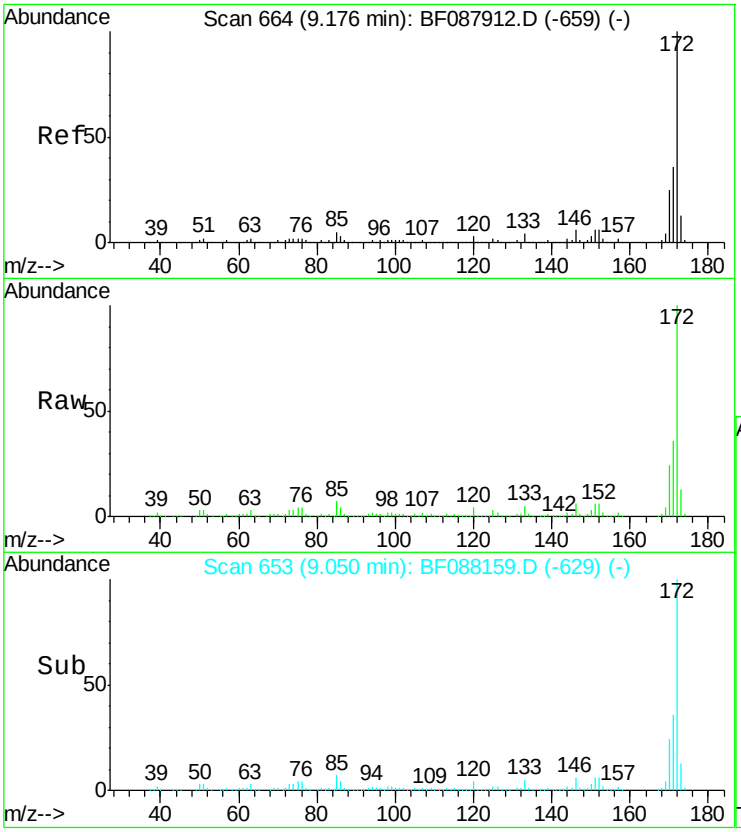


#41
2,4,6-Tribromophenol
Concen: 111.75 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion:330 Resp: 139973

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	36.9	0.0	0.0#



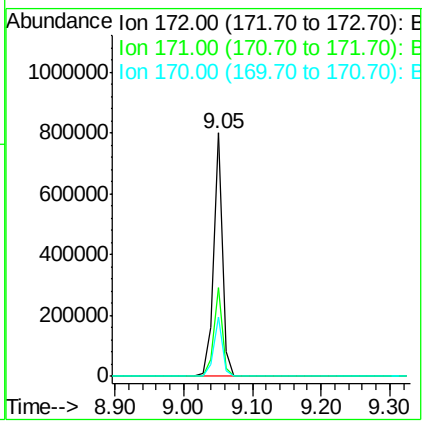


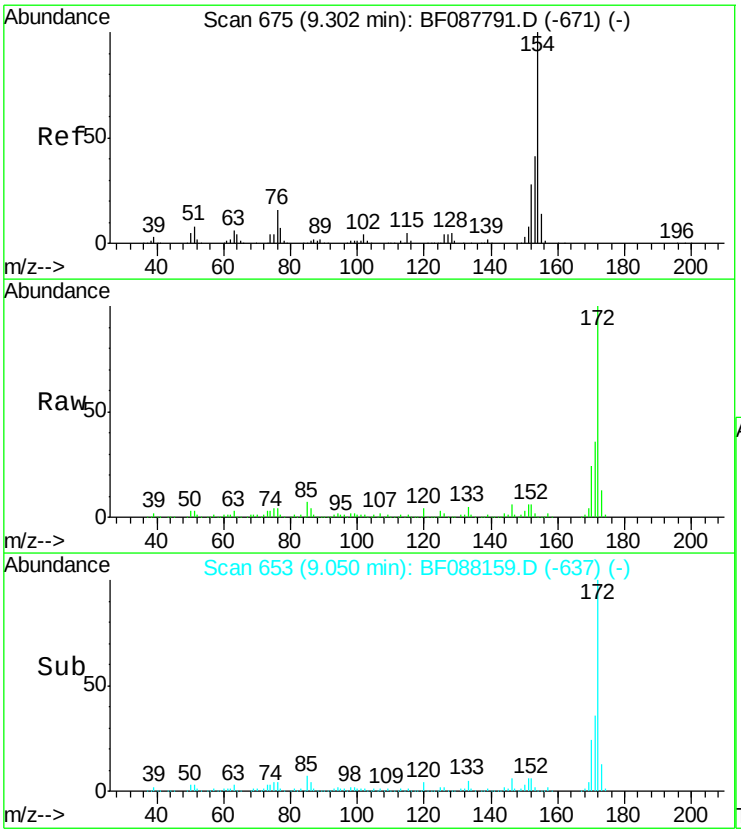
#44
2-Fluorobiphenyl
Concen: 97.38 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:172 Resp: 729290

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

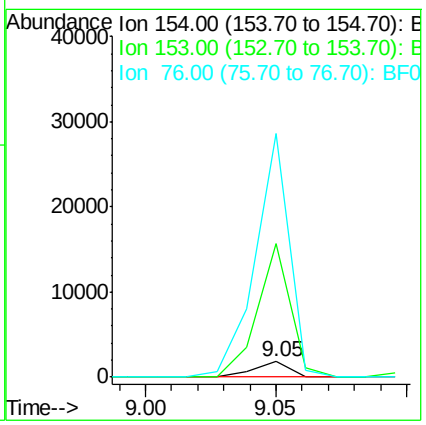


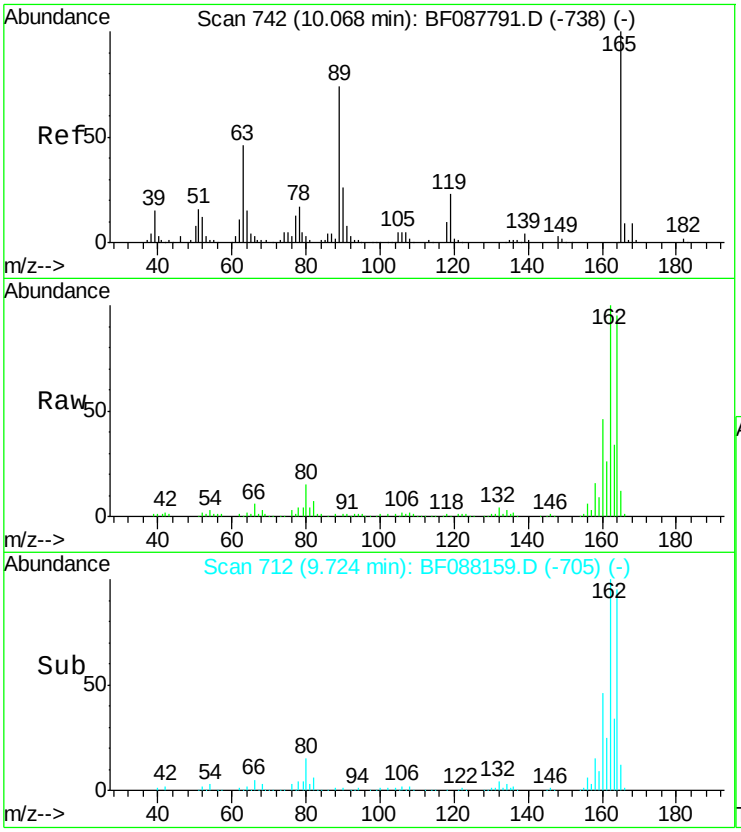


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.11 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion:154 Resp: 1739

Ion	Ratio	Lower	Upper
154	100		
153	852.0	20.6	60.6#
76	1550.1	0.0	35.1#



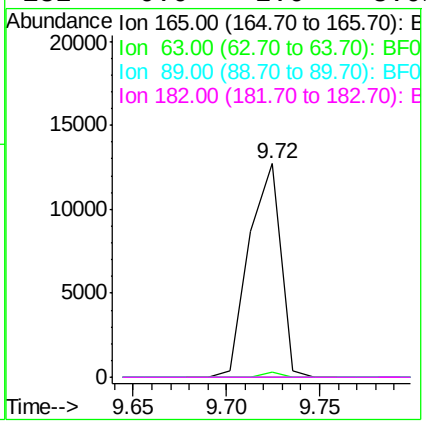


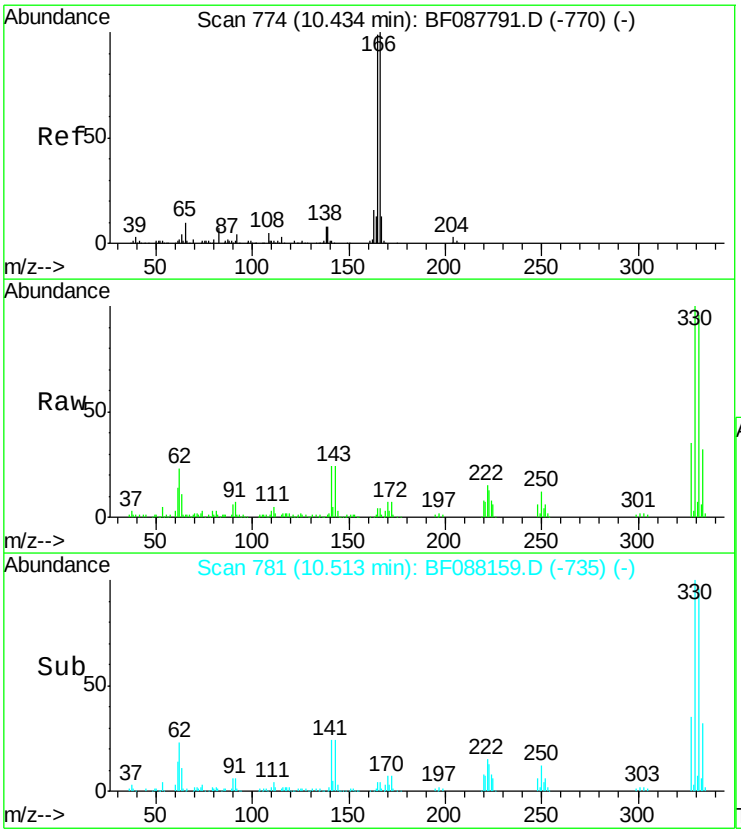
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:165 Resp: 15199

Ion	Ratio	Lower	Upper
165	100		
63	2.4	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

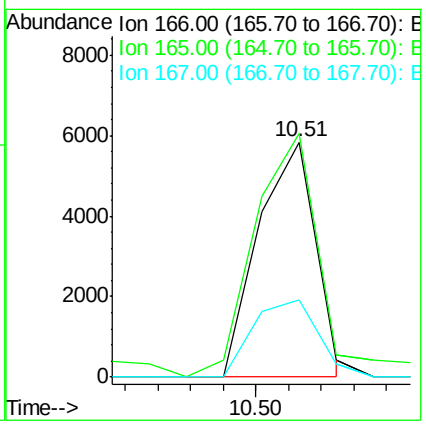


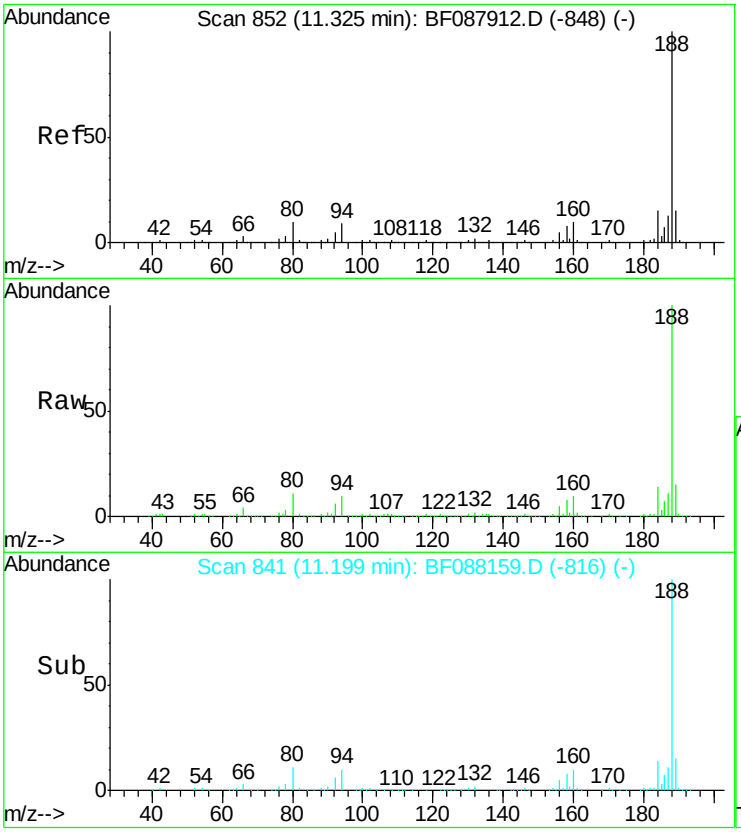


#57
Fluorene
Concen: Below Cal
RT: 10.51 min Scan# 781
Delta R.T. 0.23 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion:166 Resp: 7127

Ion	Ratio	Lower	Upper
166	100		
165	103.6	77.8	116.8
167	33.0	11.2	16.8#



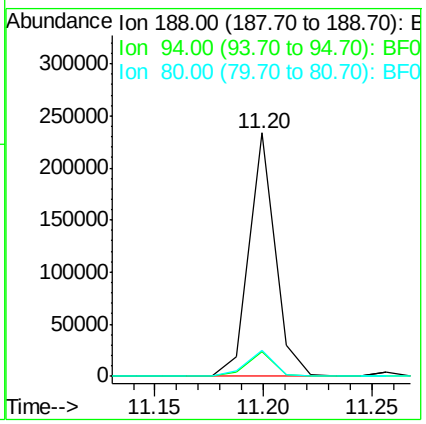


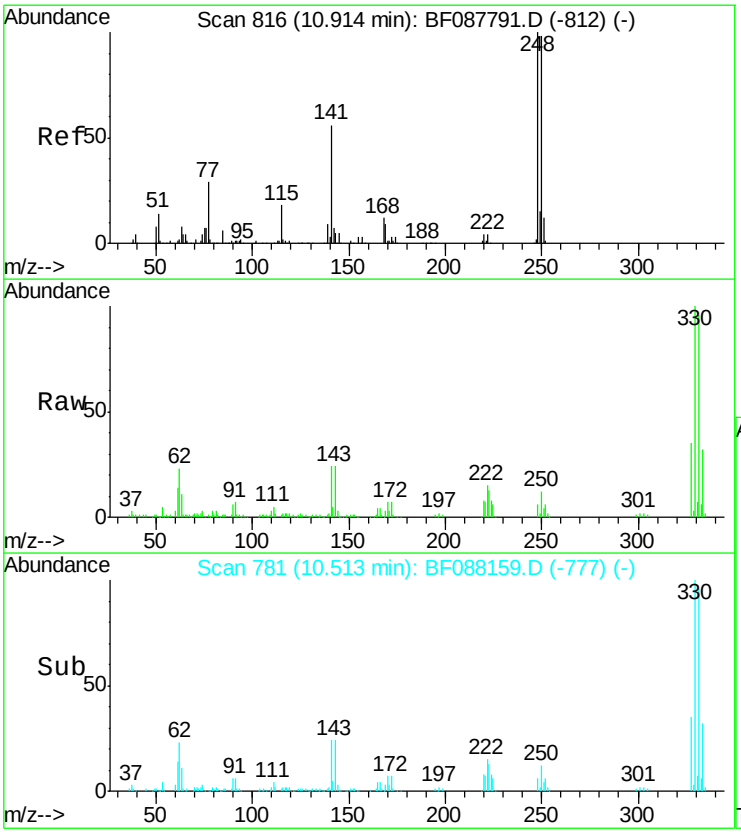
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:188 Resp: 195541

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.6
80	10.7	10.0	15.0

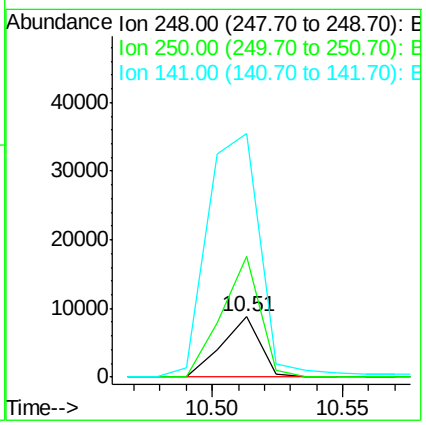


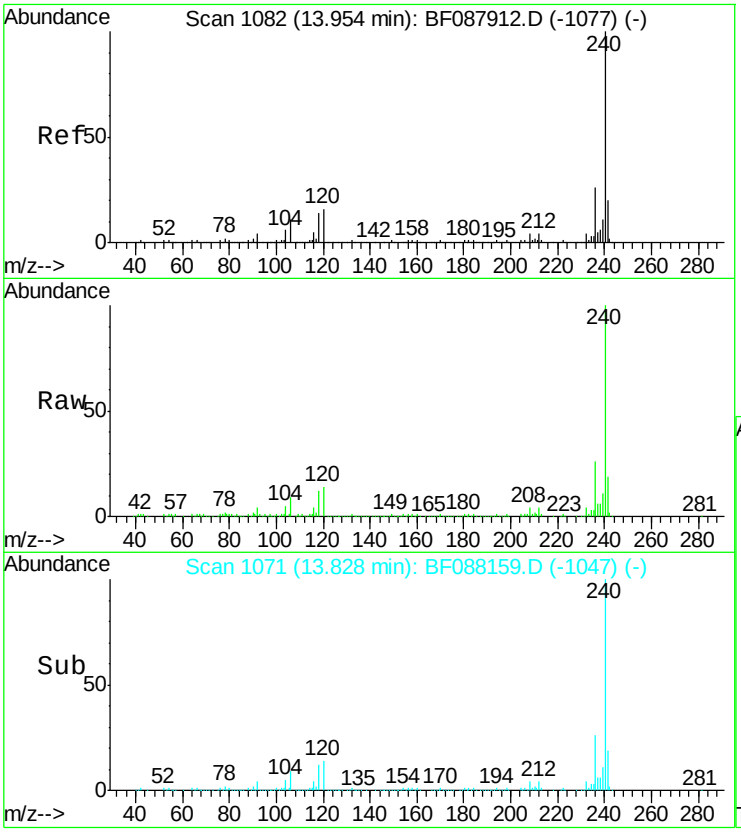


#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion:248 Resp: 9031

Ion	Ratio	Lower	Upper
248	100		
250	199.7	77.1	115.7#
141	403.7	50.6	76.0#



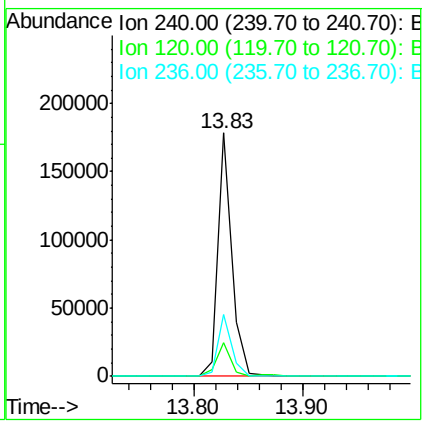


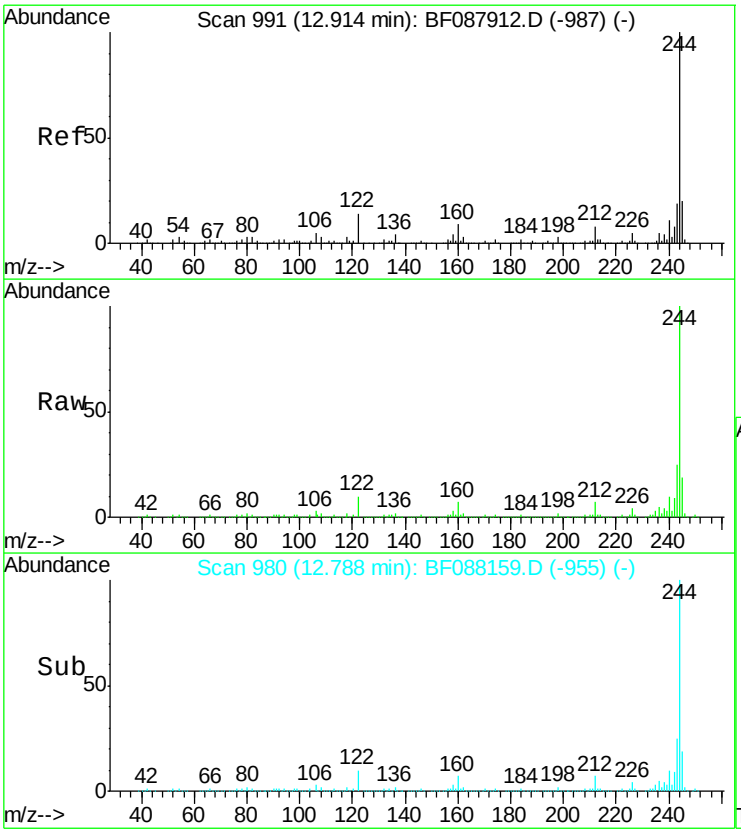
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:240 Resp: 160678

Ion	Ratio	Lower	Upper
240	100		
120	13.9	6.8	10.2#
236	25.5	20.2	30.2

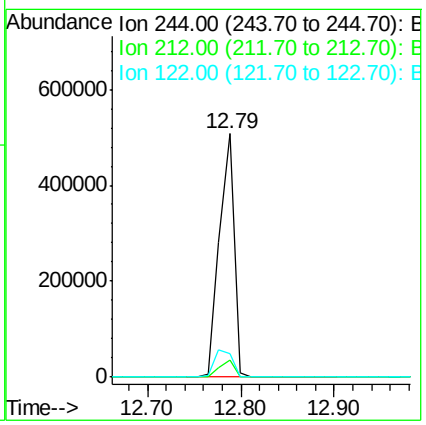


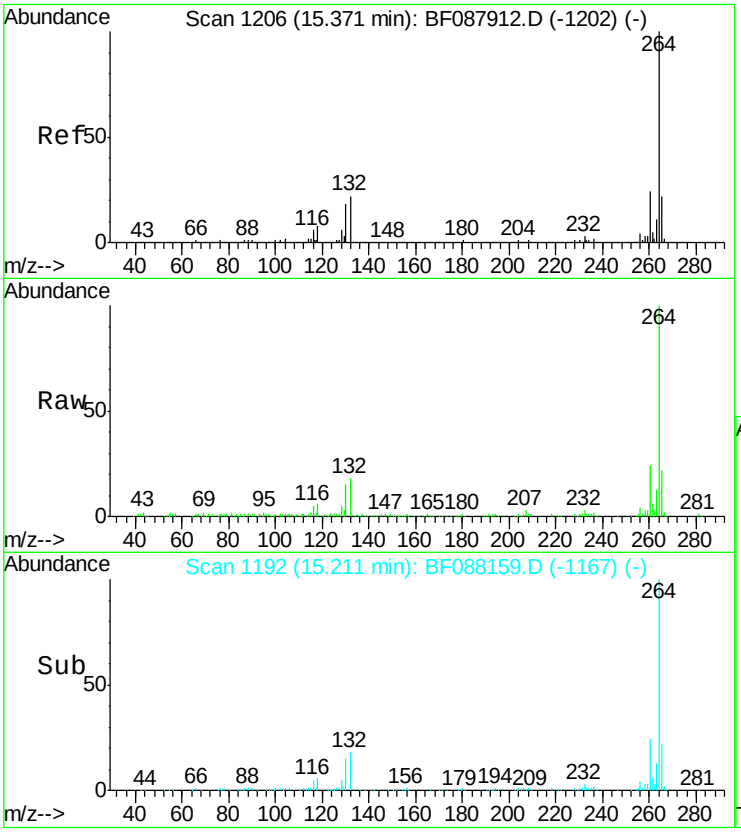


#78
Terphenyl-d14
Concen: 78.59 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088159.D
Acq: 19 Jun 2016 3:47

Tgt Ion:244 Resp: 554896

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	9.6	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: BF088159.D
Acq: 19 Jun 2016 3:47

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:264 Resp: 124099

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	16.9	25.3