Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088165.D
Acq On : 19 Jun 2016 6:40
Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

Quant Time: Jun 19 07:55:28 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	94461	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	327334	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	132791	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	214775	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	175506	20.00	ng	-0.02
86) Perylene-d12	15.21	264	134287	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	357900	64.77	ng	0.00
7) Phenol-d6	6.34	99	294315	43.95	ng	-0.01
23) Nitrobenzene-d5	7.26	82	496463	88.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	145502	103.77	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	778591	92.60	ng	-0.02
78) Terphenyl-d14	12.79	244	641278	83.15	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	12480	2.67	ng	# 73
10) Phenol	6.35	94	429	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.26	70	67349	15.72	ng	# 69
45) 1,1'-Biphenyl	9.05	154	1605	Below Cal		# 1
57) Fluorene	10.26	166	291	Below Cal		# 5
64) 4,6-Dinitro-2-methylphenol	10.51	198	287	2.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.51	248	9817	4.26	ng	# 1

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

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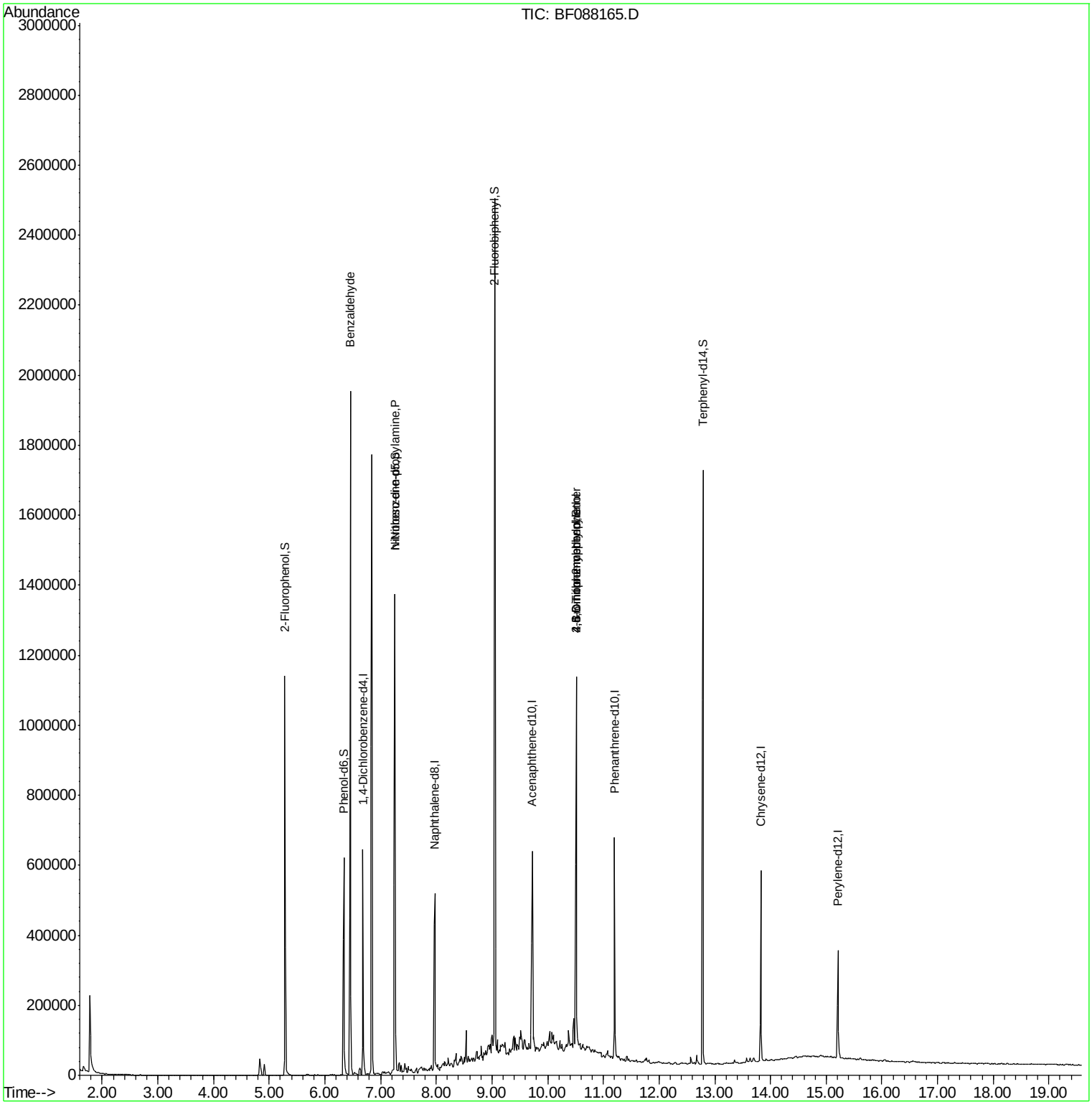
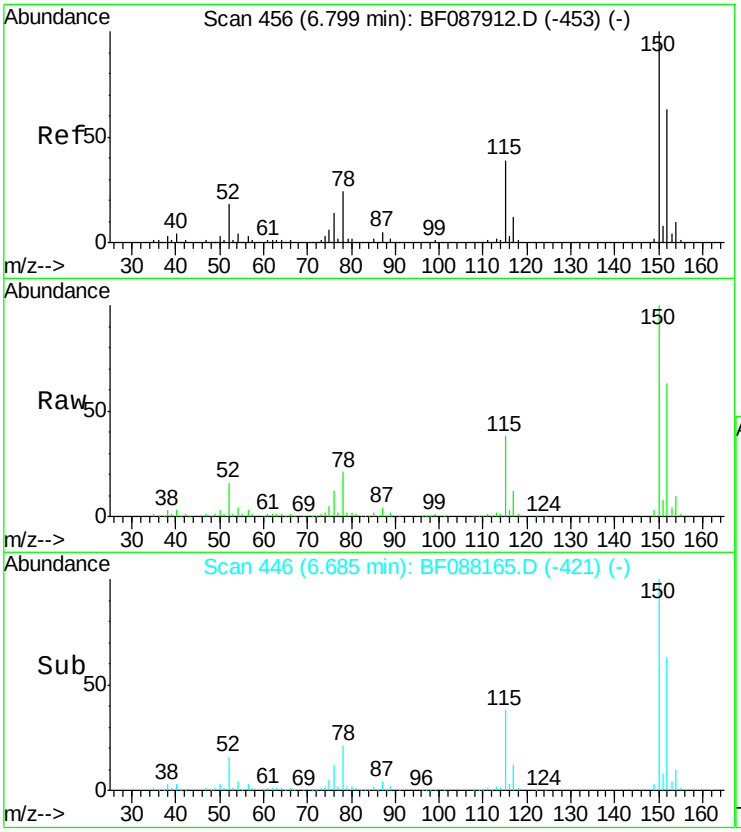


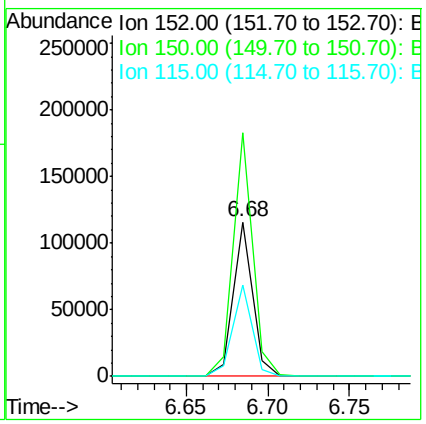


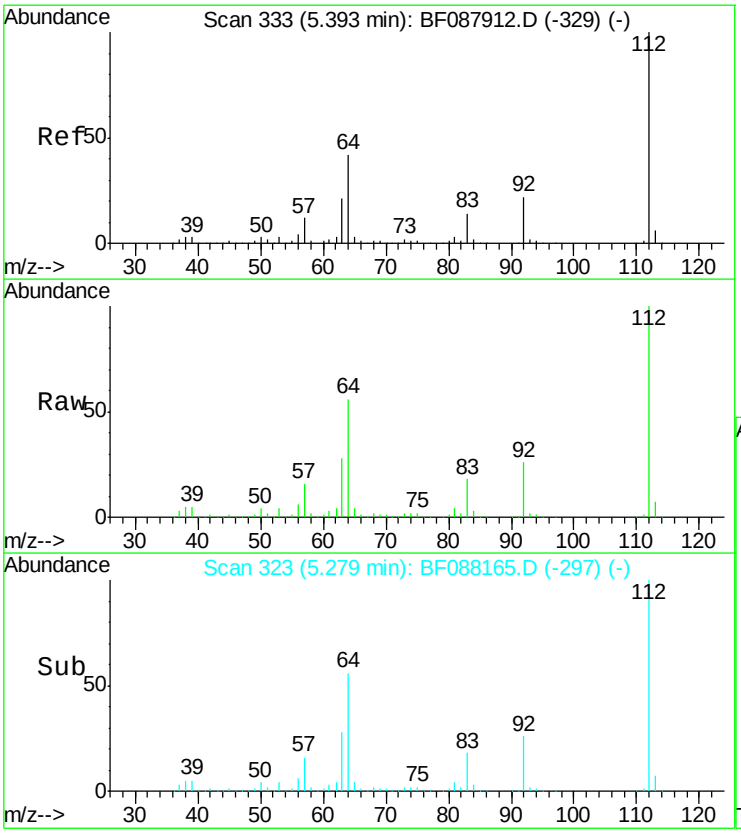
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:152 Resp: 94461

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	59.6	39.6	59.4#

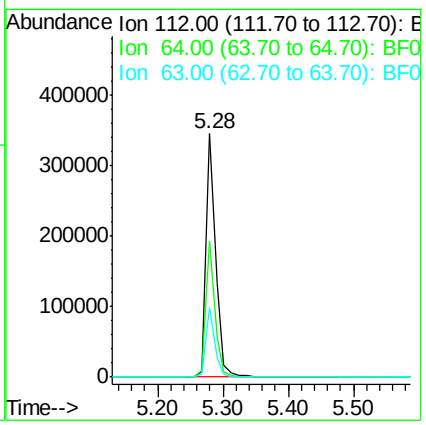


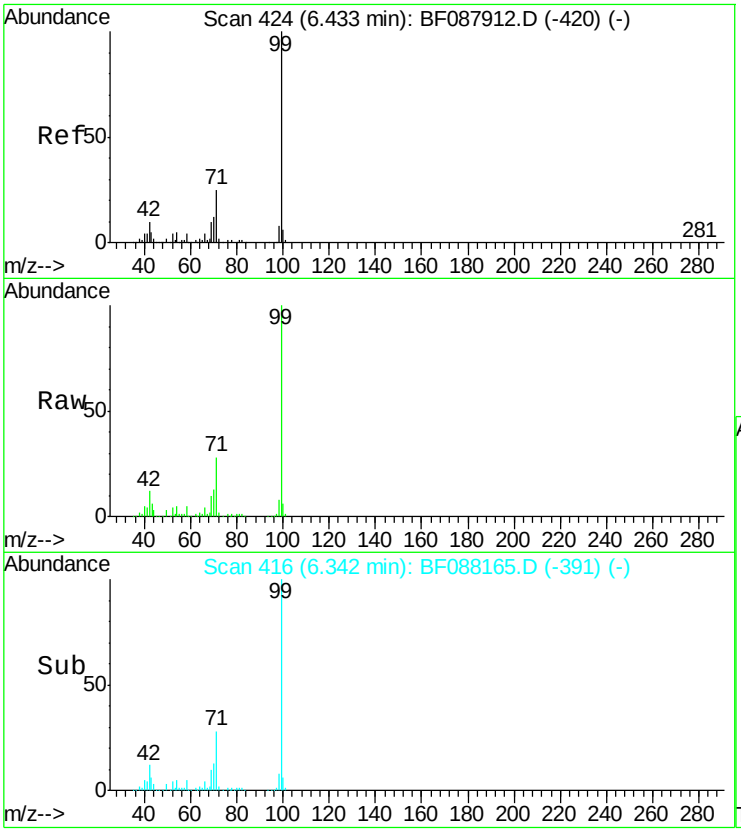


#5
2-Fluorophenol
Concen: 64.77 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion:112 Resp: 357900

Ion	Ratio	Lower	Upper
112	100		
64	55.9	42.2	63.2
63	28.4	21.8	32.8



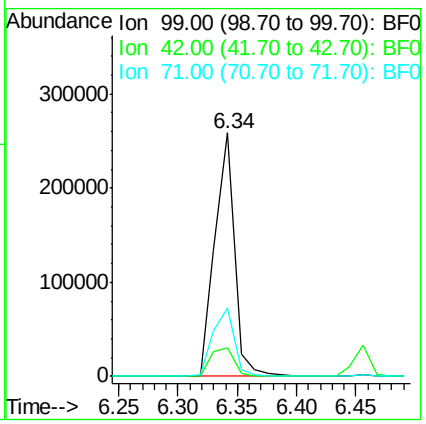


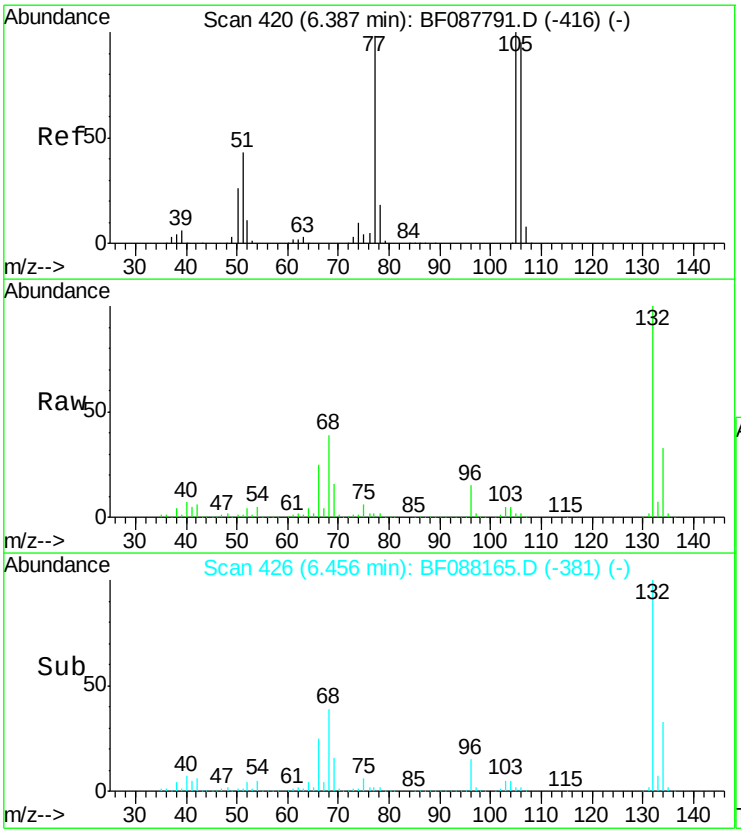
#7
Phenol-d6
Concen: 43.95 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion: 99 Resp: 294315

Ion	Ratio	Lower	Upper
99	100		
42	12.0	12.2	18.2#
71	28.0	23.4	35.0

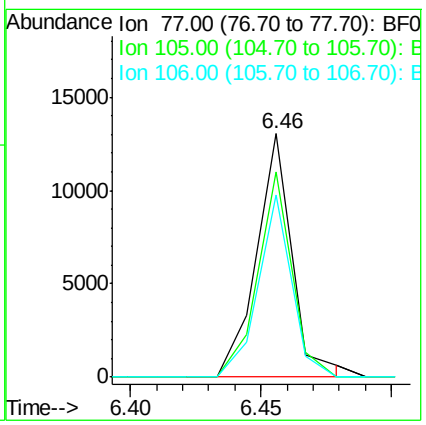


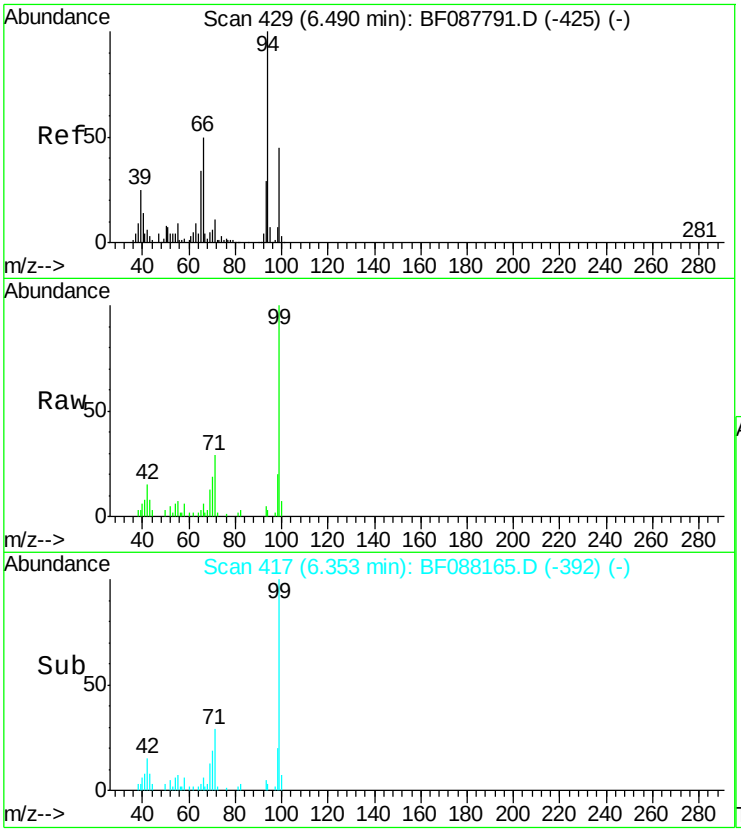


#9
Benzaldehyde
Concen: 2.67 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.22 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion: 77 Resp: 12480

Ion	Ratio	Lower	Upper
77	100		
105	84.1	90.6	130.6#
106	74.8	85.3	125.3#



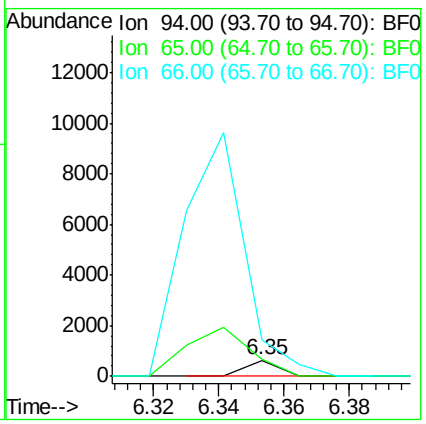


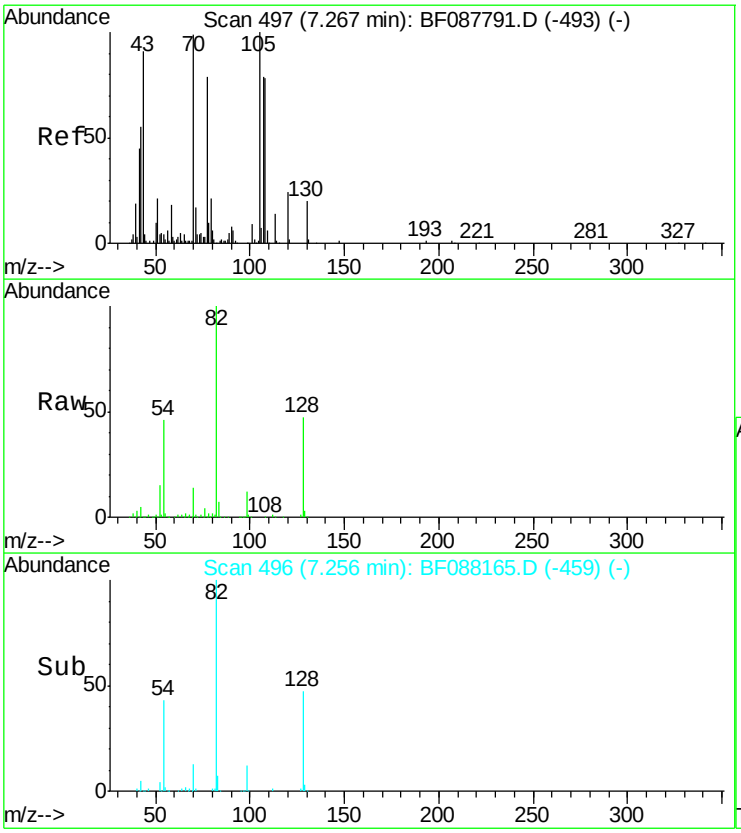
#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion: 94 Resp: 429

Ion	Ratio	Lower	Upper
94	100		
65	109.6	5.9	45.9#
66	232.4	14.0	54.0#

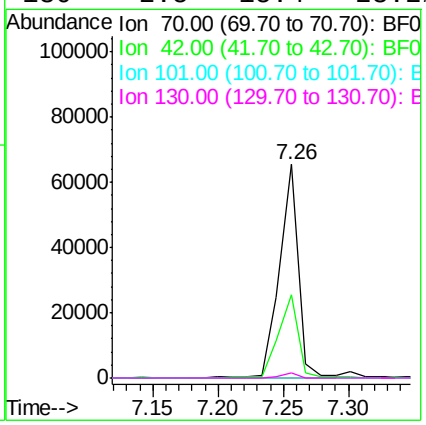


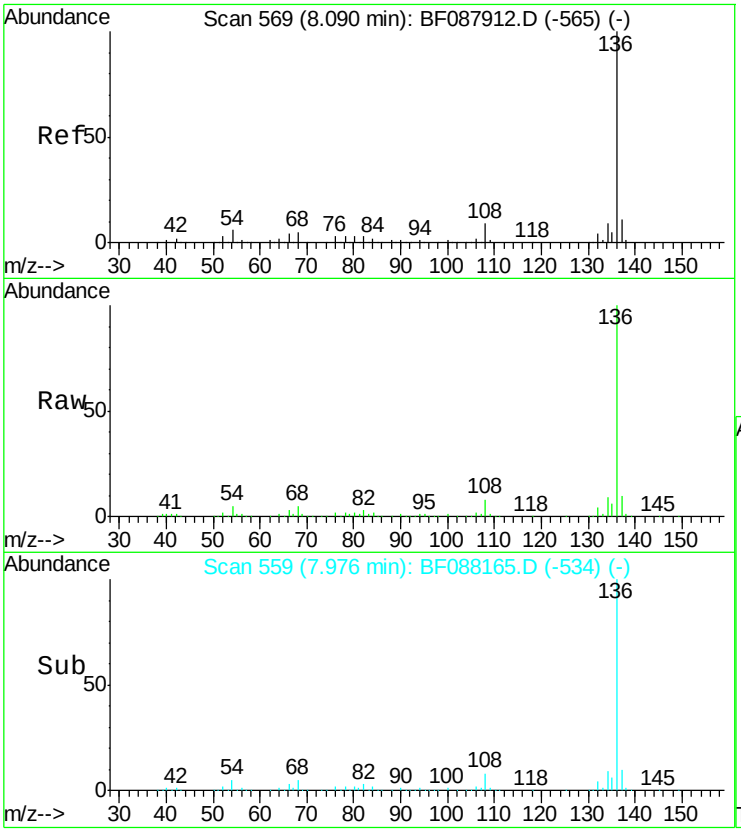


#19
n-Nitroso-di-n-propylamine
Concen: 15.72 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion: 70 Resp: 67349

Ion	Ratio	Lower	Upper
70	100		
42	39.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



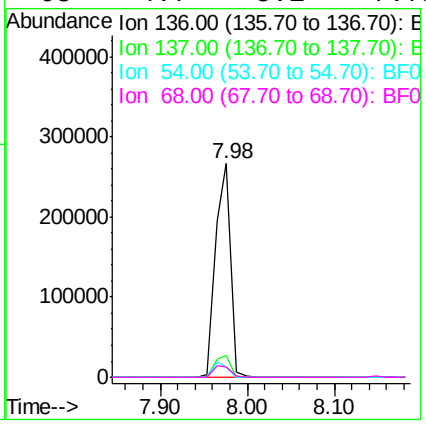


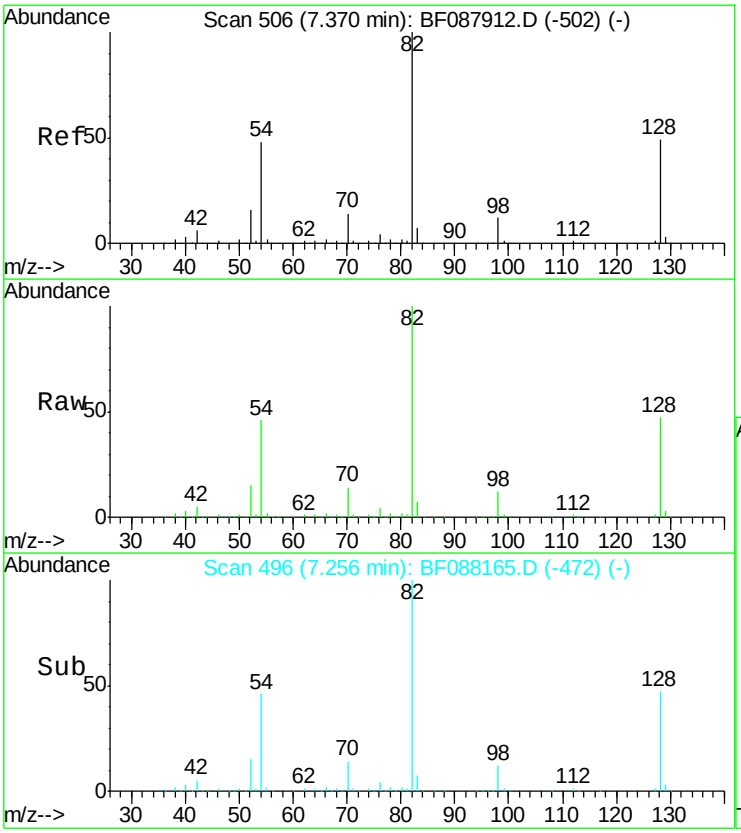
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:136 Resp: 327334

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.9	6.6	10.0#
68	4.7	5.1	7.7#

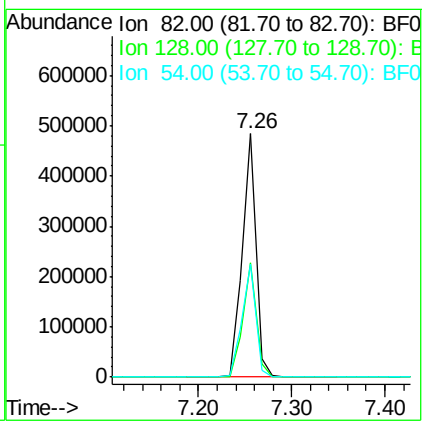


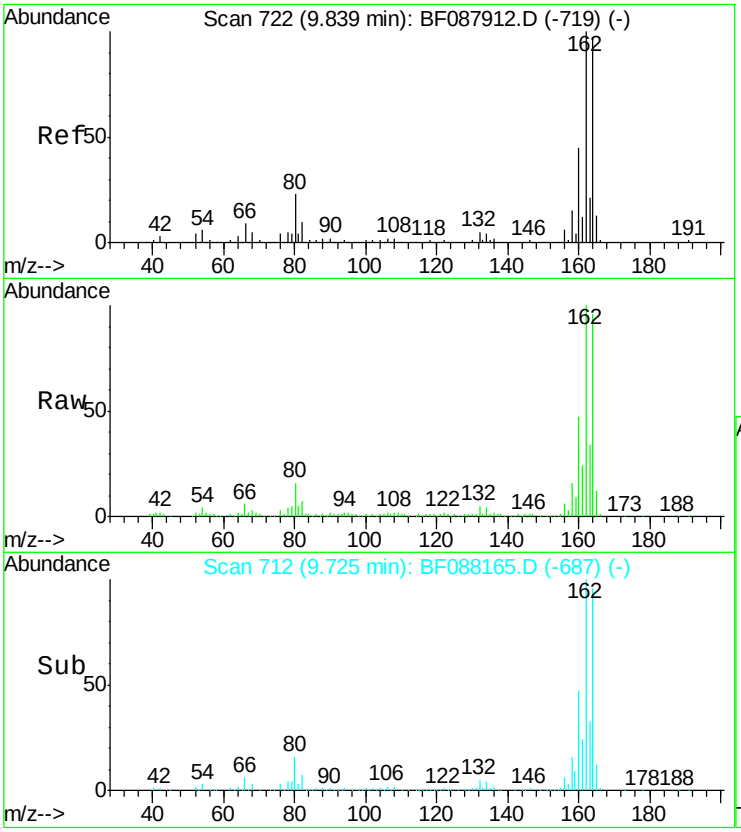


#23
Nitrobenzene-d5
Concen: 88.57 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion: 82 Resp: 496463

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.9	53.9
54	46.2	40.9	61.3



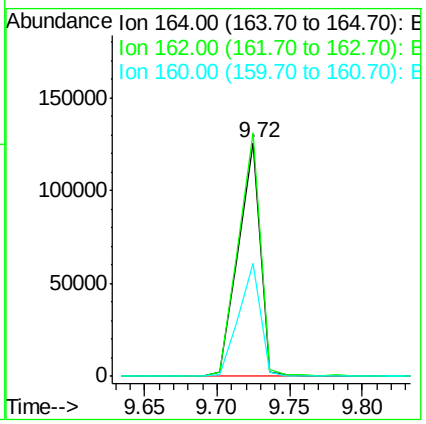


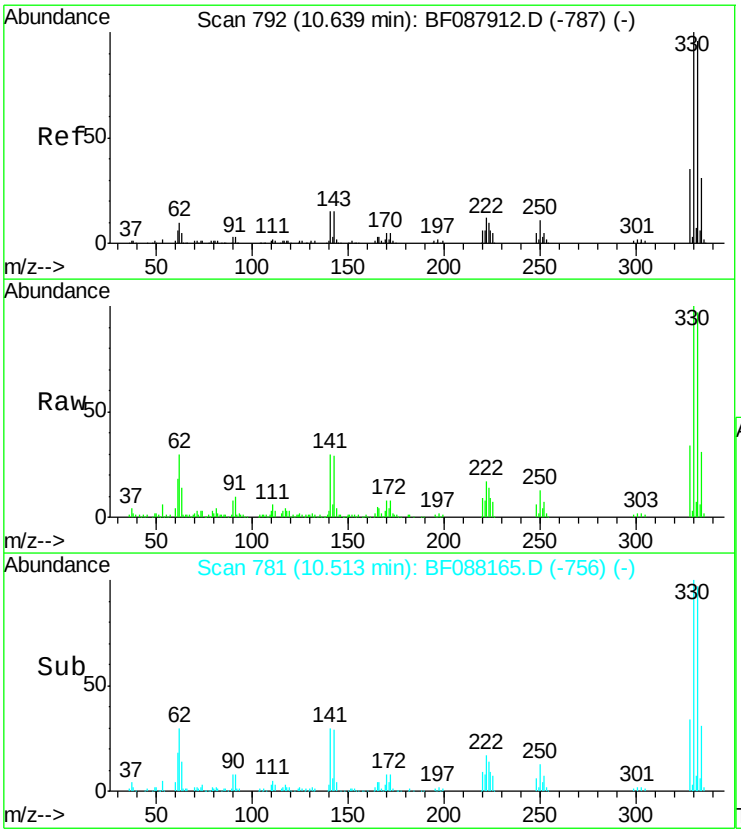
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:164 Resp: 132791

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	48.6	39.5	59.3

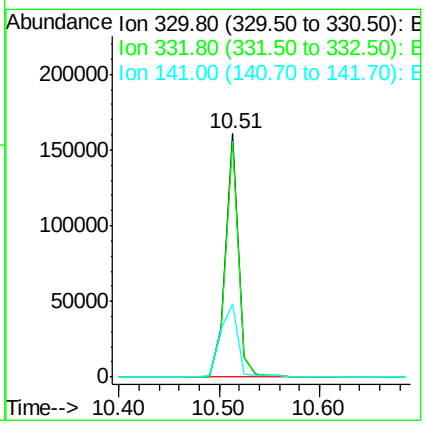


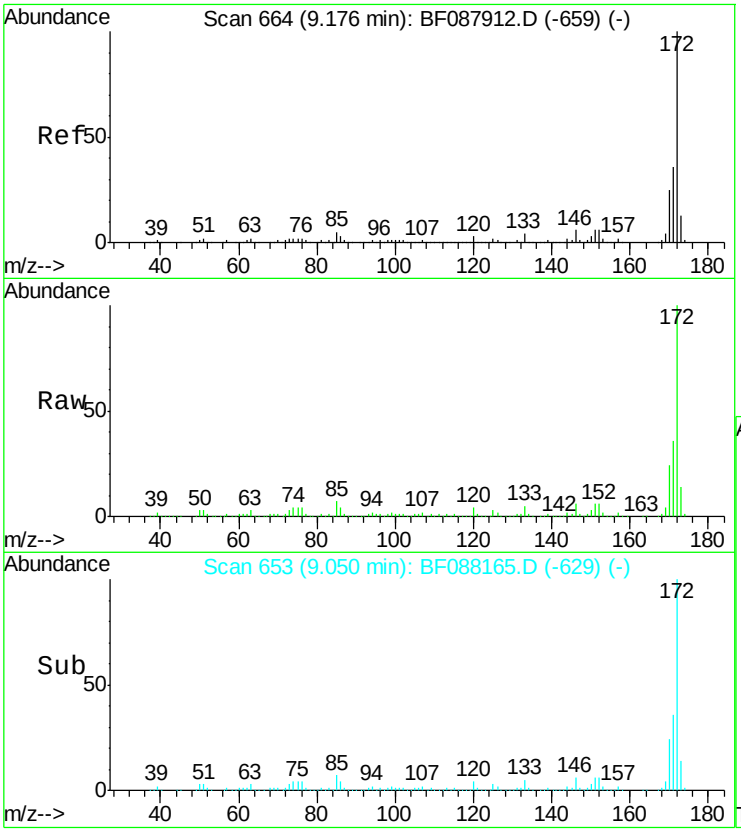


#41
2,4,6-Tribromophenol
Concen: 103.77 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion:330 Resp: 145502

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	39.7	0.0	0.0#



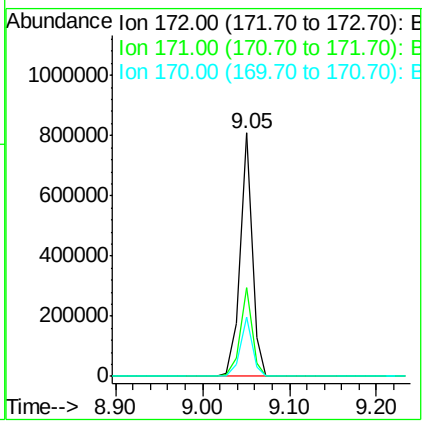


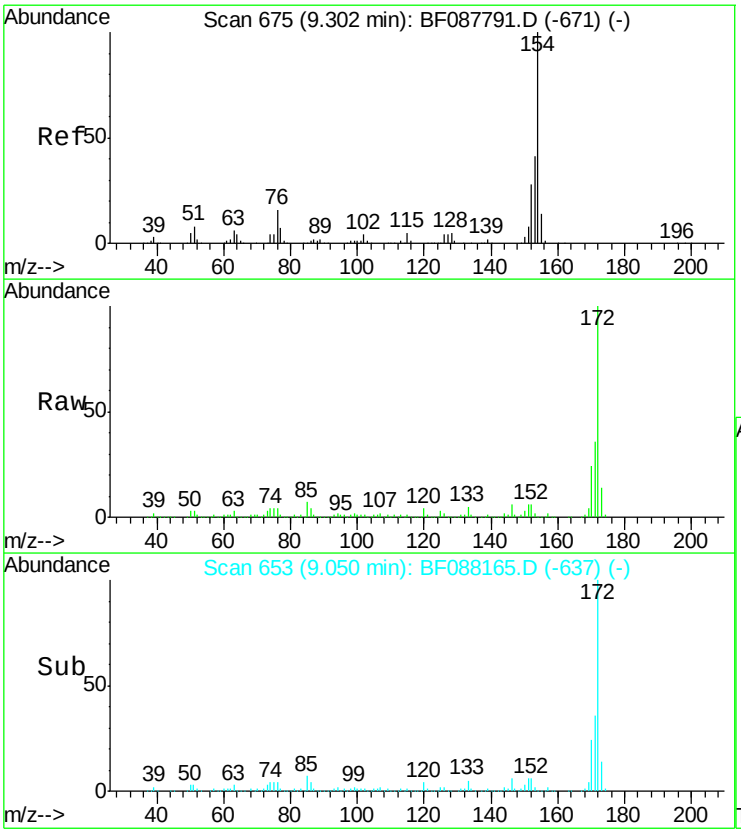
#44
2-Fluorobiphenyl
Concen: 92.60 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:172 Resp: 778591

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	19.2	28.8

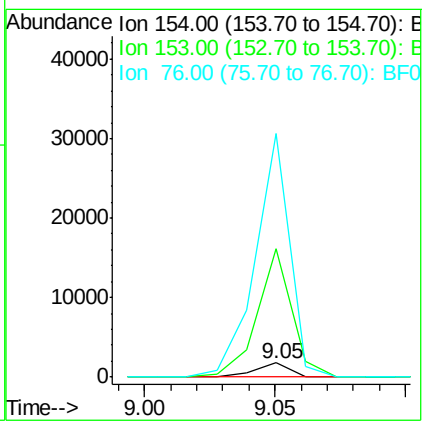


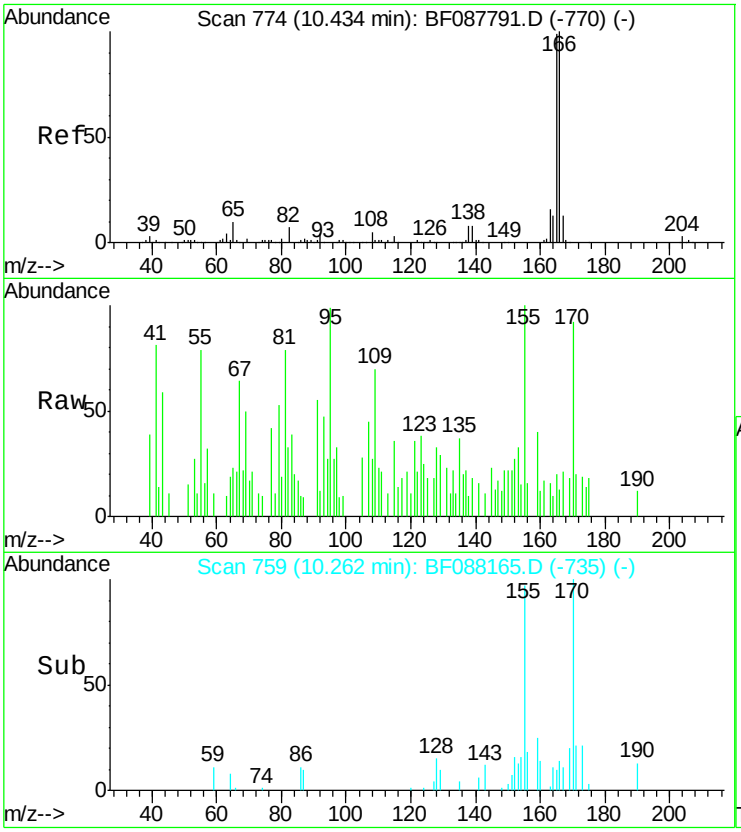


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.11 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion:154 Resp: 1605

Ion	Ratio	Lower	Upper
154	100		
153	898.4	20.6	60.6#
76	1697.1	0.0	35.1#



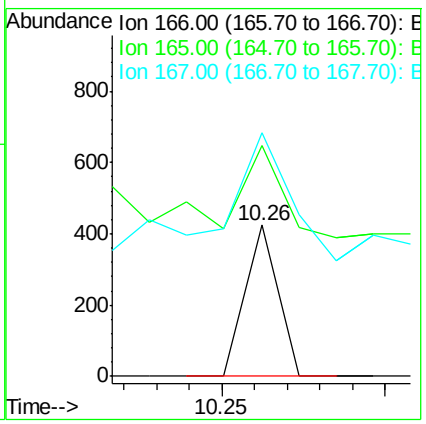


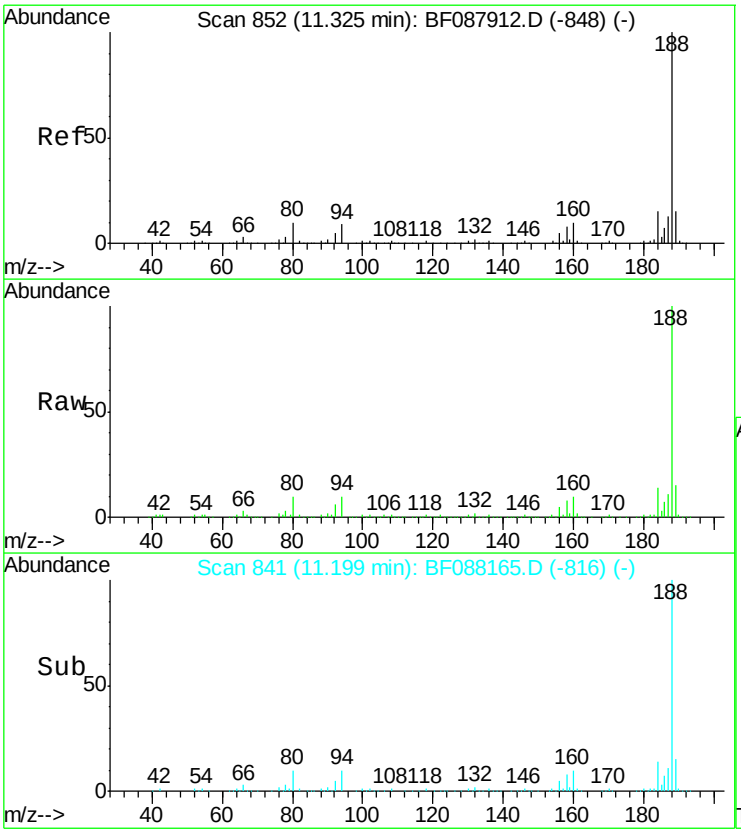
#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:166 Resp: 291

Ion	Ratio	Lower	Upper
166	100		
165	153.1	77.8	116.8#
167	161.1	11.2	16.8#

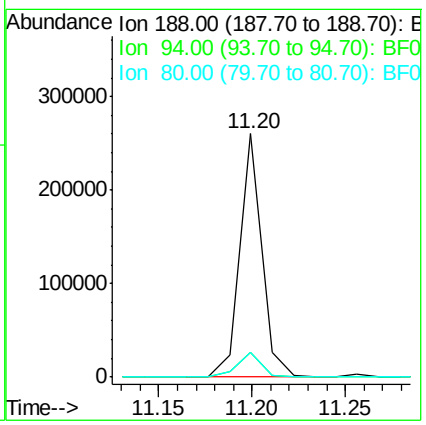


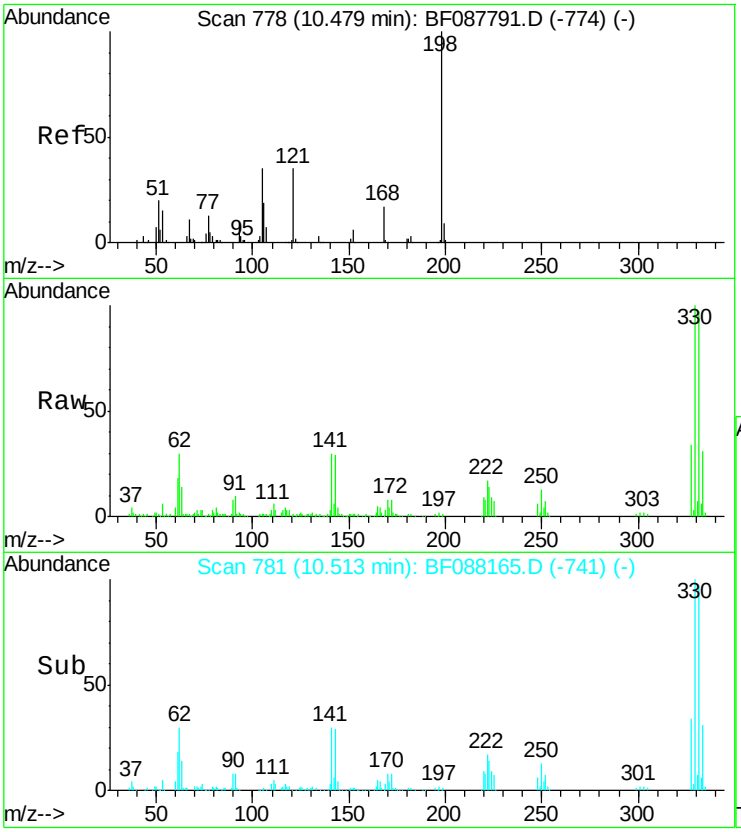


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion:188 Resp: 214775

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



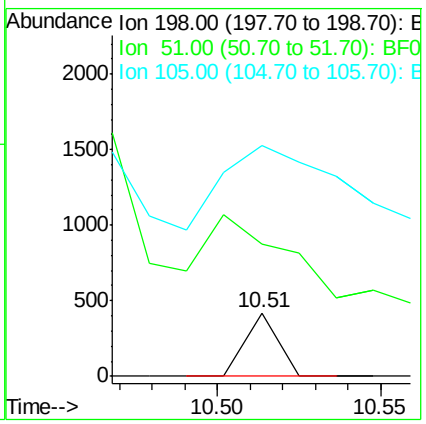


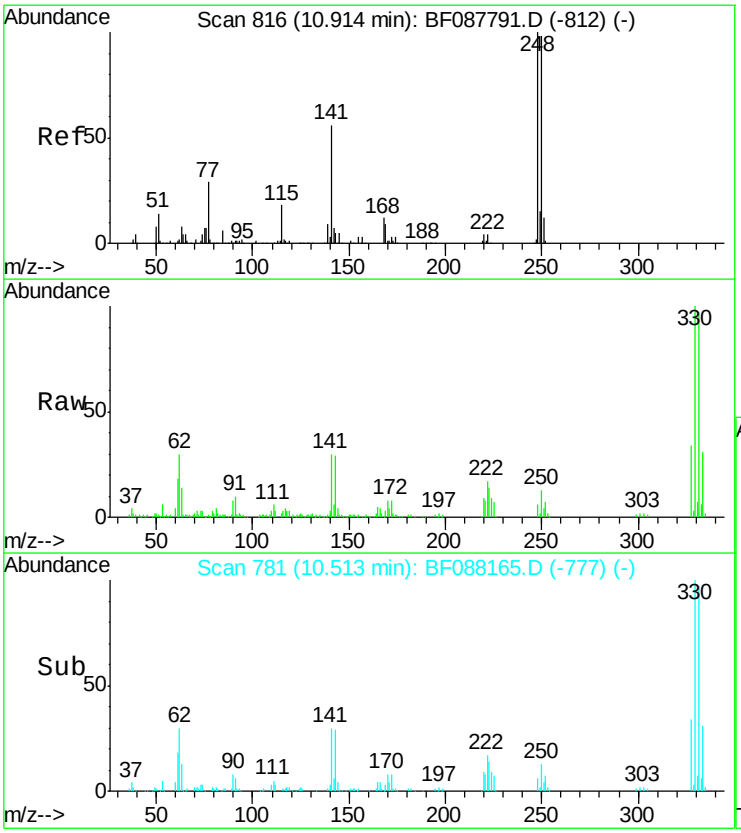
#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.16 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:198 Resp: 287

Ion	Ratio	Lower	Upper
198	100		
51	209.6	39.6	79.6#
105	364.8	36.6	76.6#

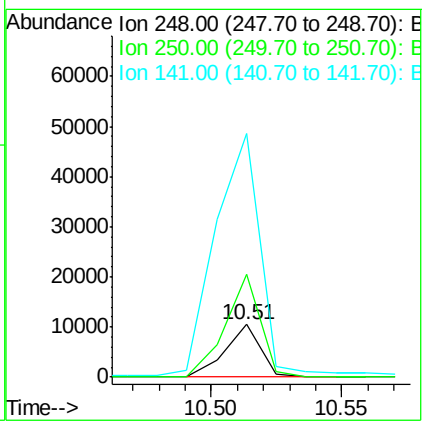


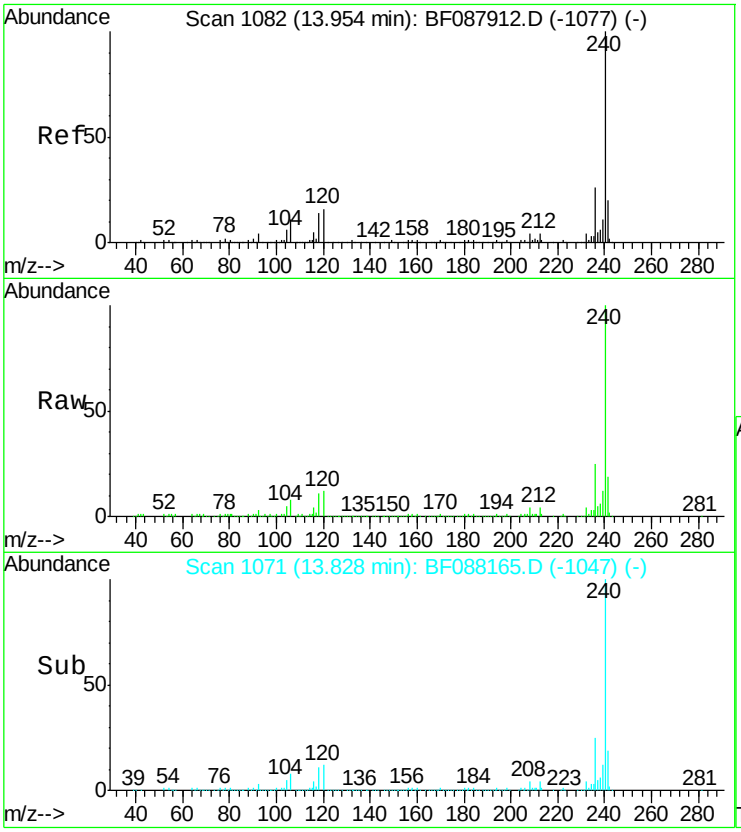


#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion:248 Resp: 9817

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	465.2	50.6	76.0#



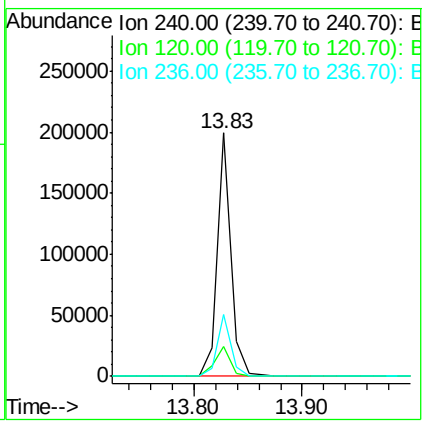


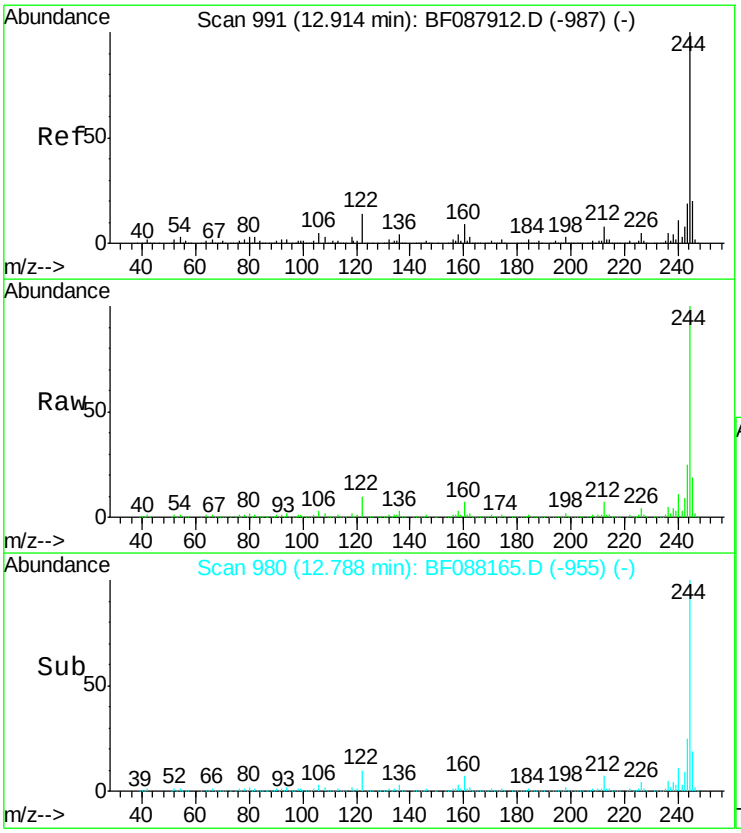
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:240 Resp: 175506

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	25.3	20.2	30.2

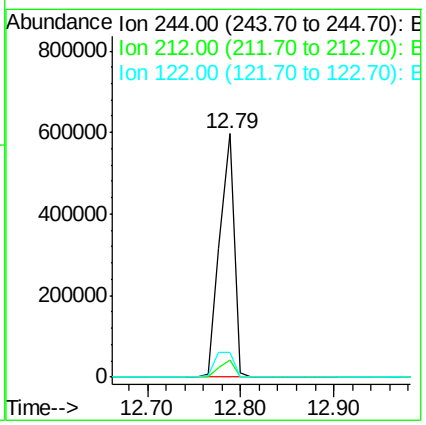


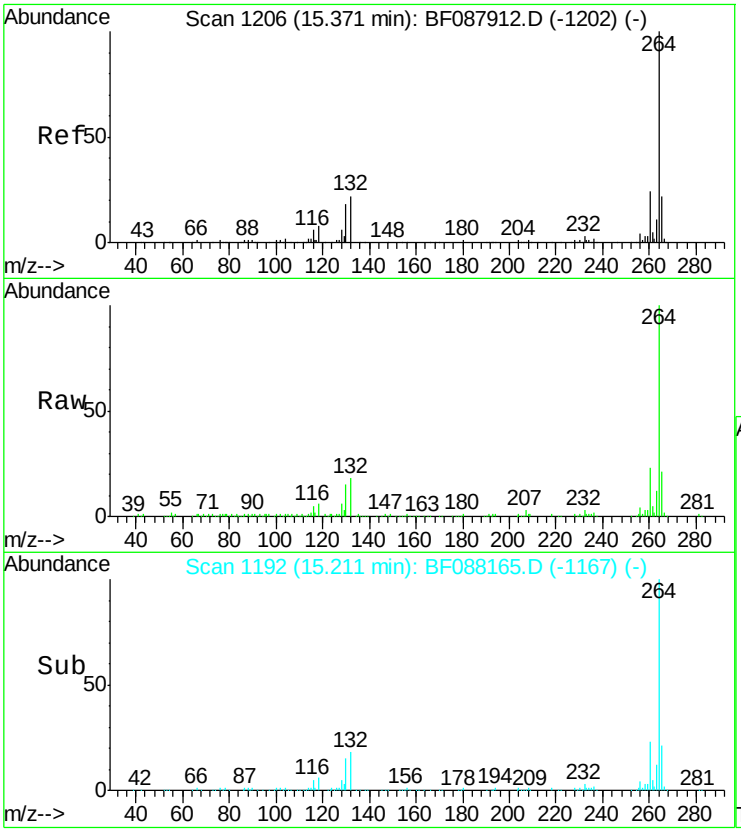


#78
Terphenyl-d14
Concen: 83.15 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088165.D
Acq: 19 Jun 2016 6:40

Tgt Ion:244 Resp: 641278

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.2	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: BF088165.D
Acq: 19 Jun 2016 6:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tgt Ion:264 Resp: 134287

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	16.9	25.3