Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088657.D
Acq On : 3 Jul 2016 19:55
Operator : UM/SJ
Sample : H3817-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 04 05:00:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107049	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	455151	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	213342	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	392970	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	358780	20.00	ng		-0.03
86) Perylene-d12	15.31	264	291197	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	762260	106.72	ng		-0.02
7) Phenol-d6	6.42	99	1025200	111.08	ng		-0.02
23) Nitrobenzene-d5	7.35	82	687432	79.15	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	248868	125.62	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	1039999	77.00	ng		-0.03
78) Terphenyl-d14	12.88	244	882369	54.78	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.43	94	28852	2.74	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	95707	15.44	ng	#	73
49) Dimethylphthalate	9.54	163	275785	18.14	ng		98
56) 2,4-Dinitrotoluene	9.82	165	27099	6.15	ng	#	38
66) 4-Bromophenyl-phenylether	10.60	248	17336	4.38	ng	#	1

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

Quantitation Report (Not Reviewed)

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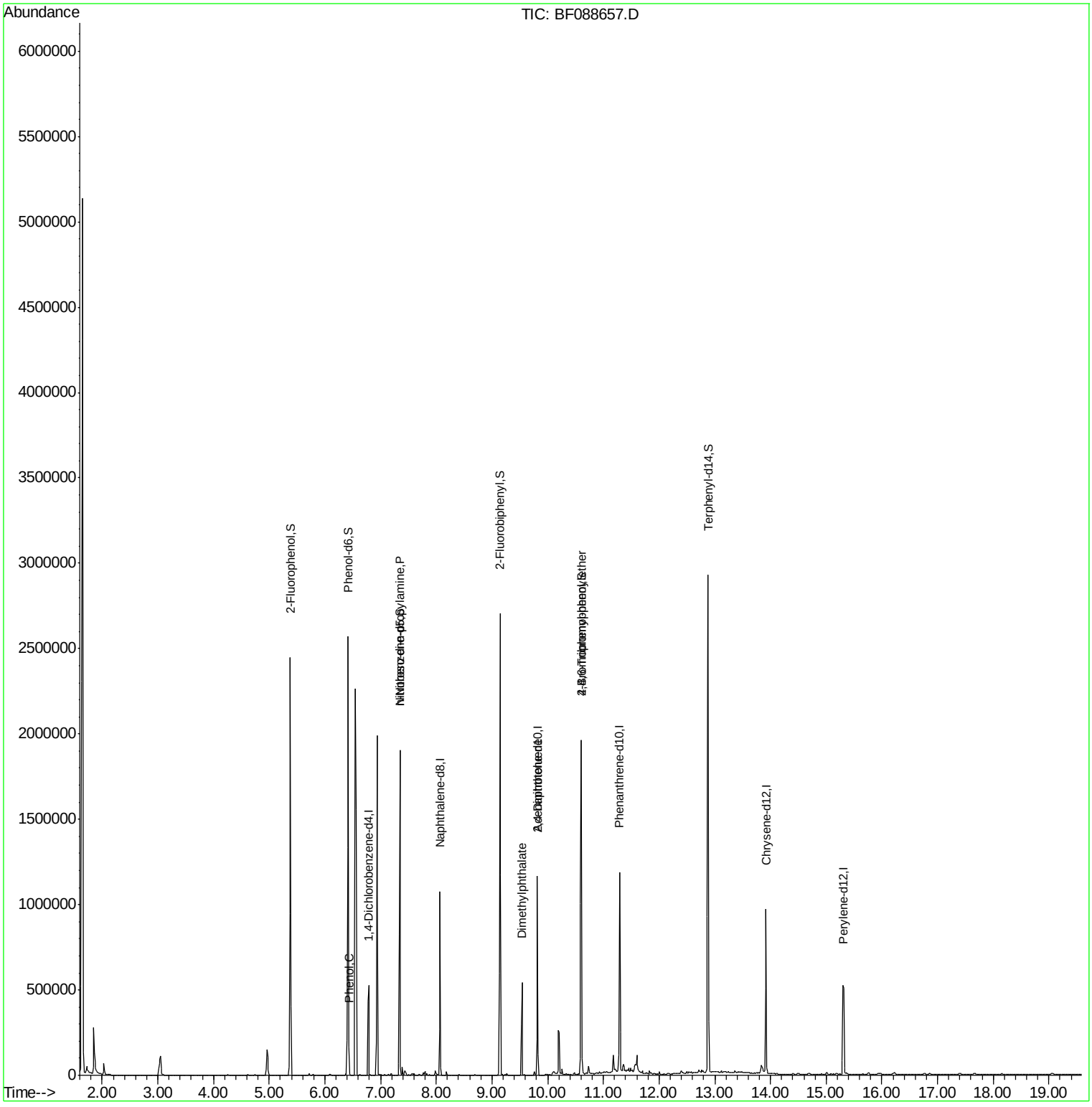
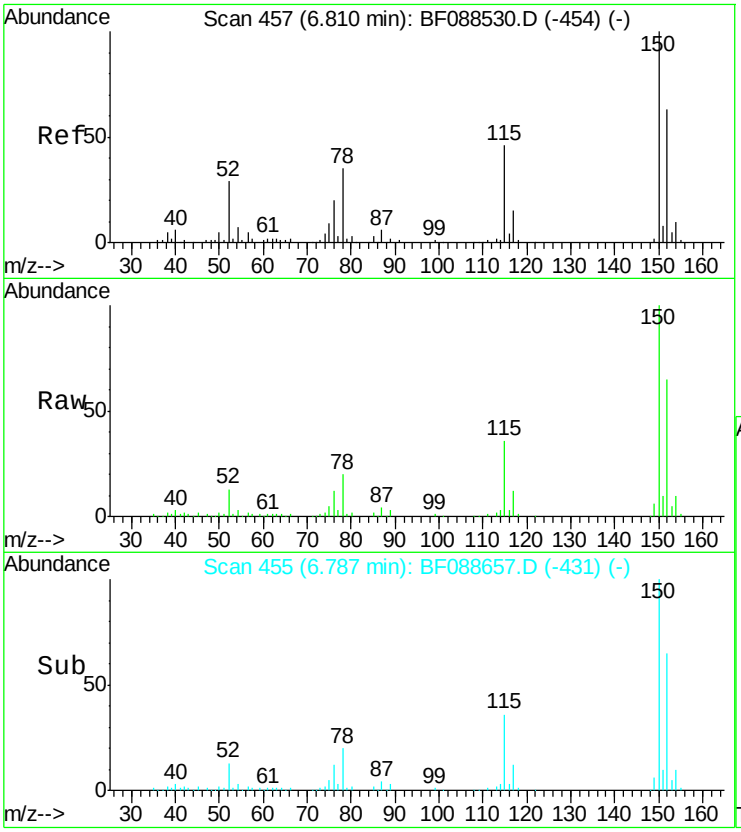
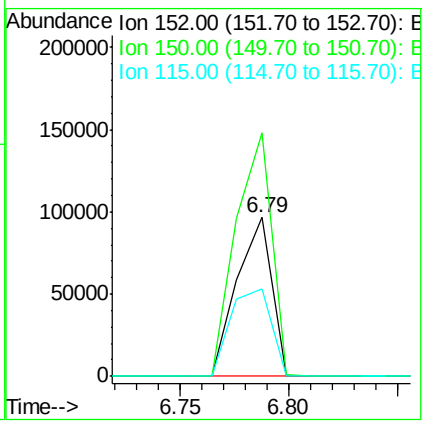




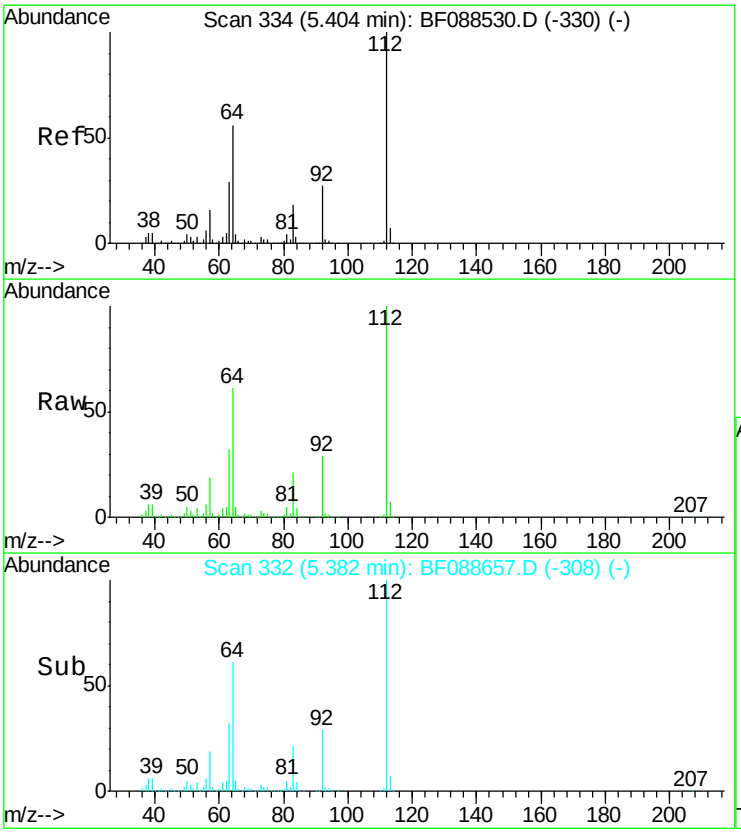
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:152 Resp: 107049

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	55.4	39.6	59.4



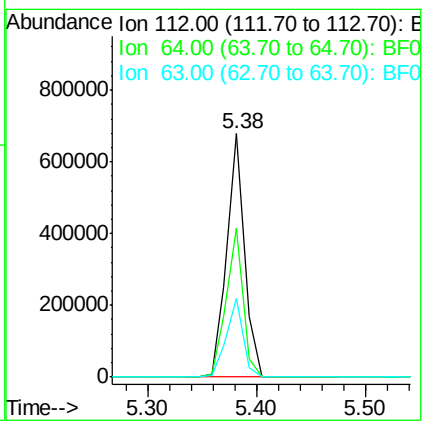
Instrument :
BNA_F
ClientSampleId :

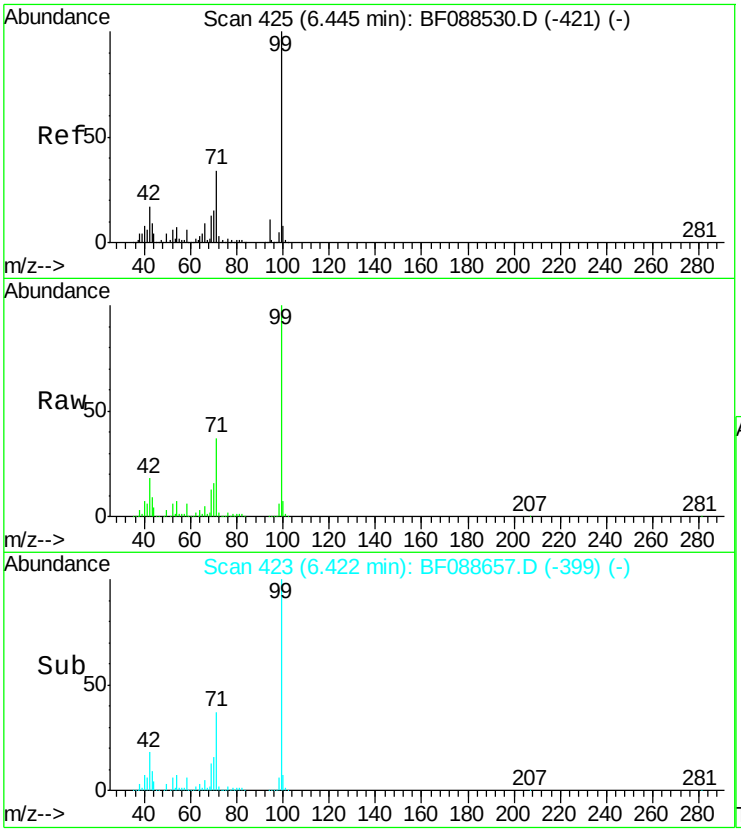


#5
2-Fluorophenol
Concen: 106.72 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:112 Resp: 762260

Ion	Ratio	Lower	Upper
112	100		
64	61.2	42.2	63.2
63	32.4	21.8	32.8



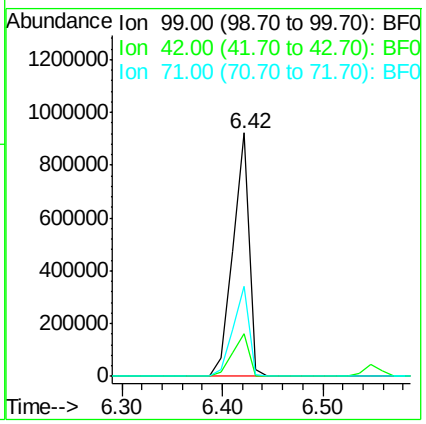


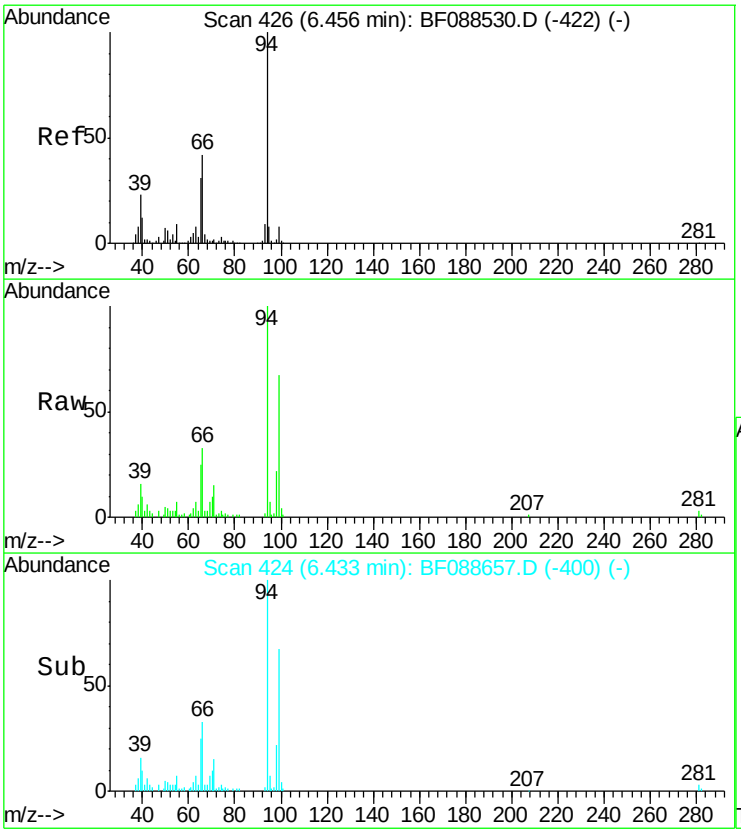
#7
Phenol-d6
Concen: 111.08 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1025200

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	36.9	23.4	35.0#

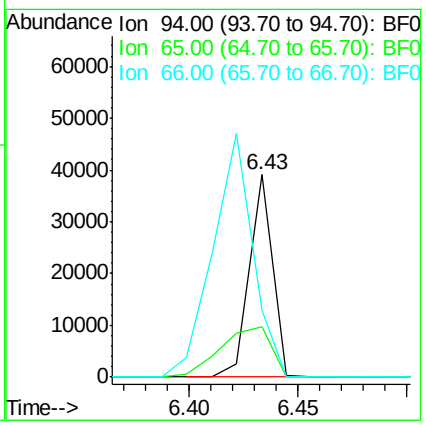


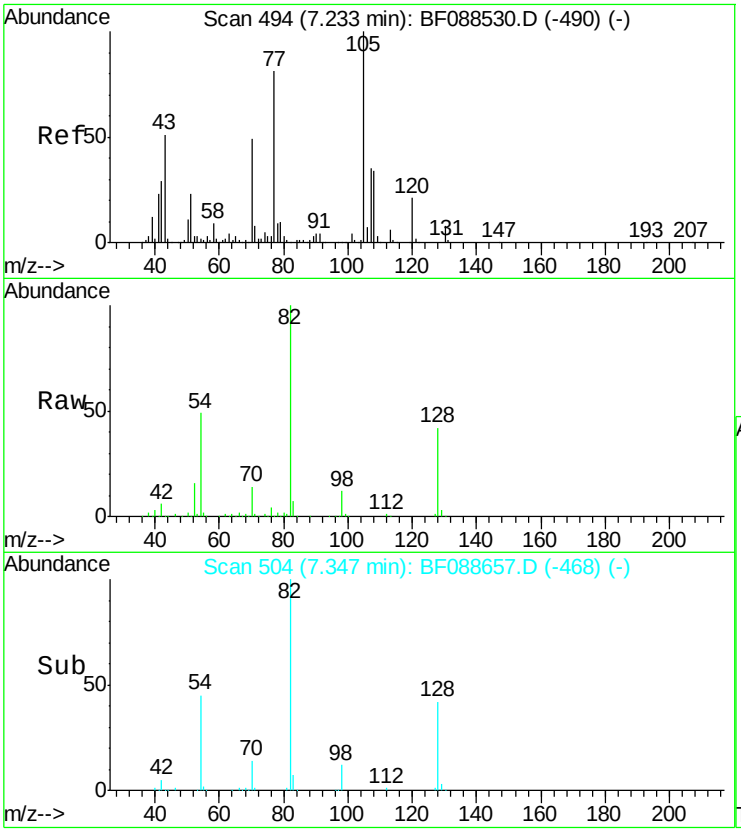


#10
Phenol
Concen: 2.74 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion: 94 Resp: 28852

Ion	Ratio	Lower	Upper
94	100		
65	24.7	5.9	45.9
66	33.1	14.0	54.0



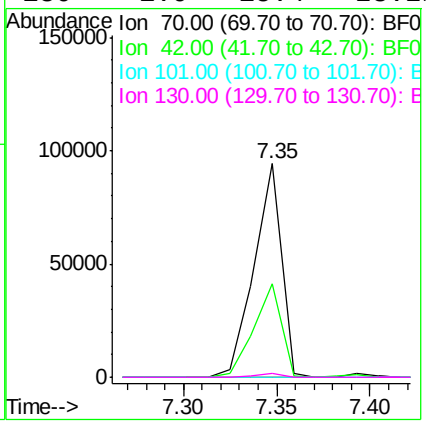


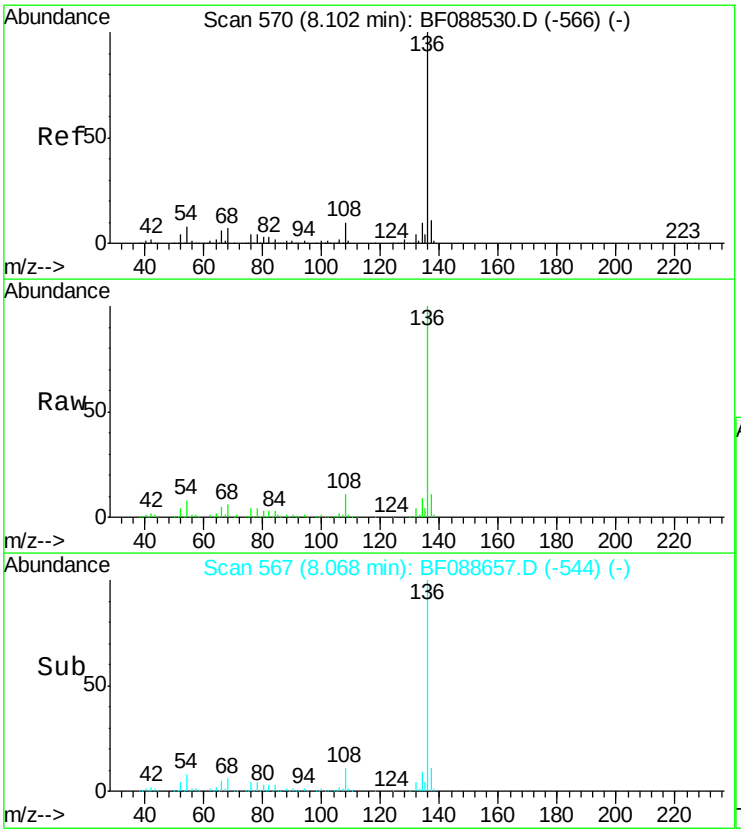
#19
n-Nitroso-di-n-propylamine
Concen: 15.44 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 95707

Ion	Ratio	Lower	Upper
70	100		
42	43.5	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#

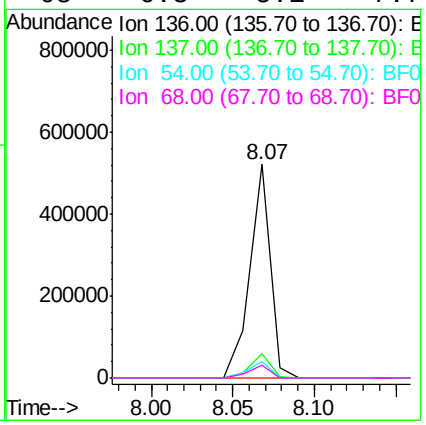


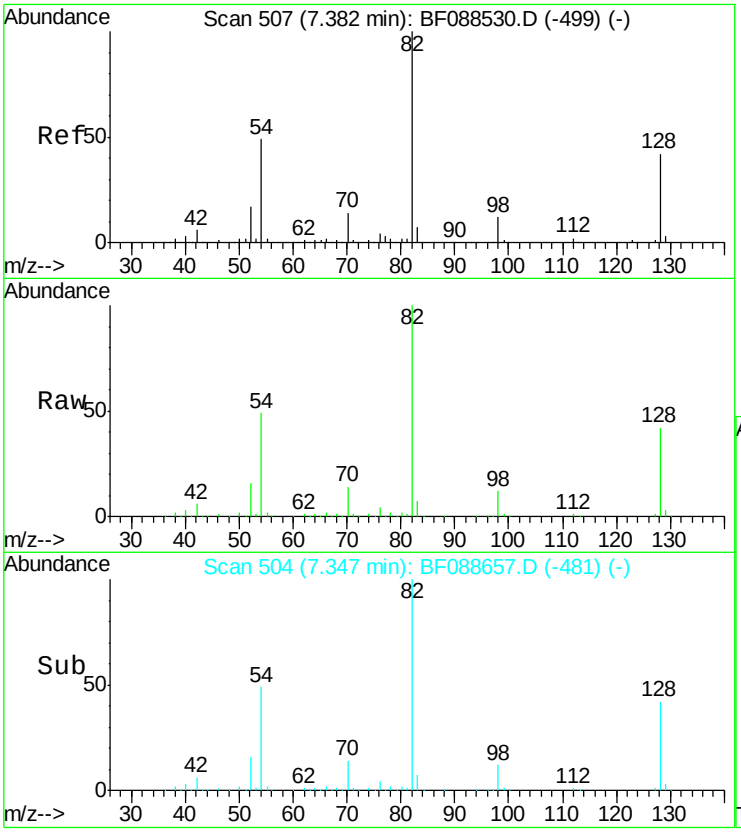


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:136 Resp: 455151

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.8	6.6	10.0
68	6.3	5.1	7.7



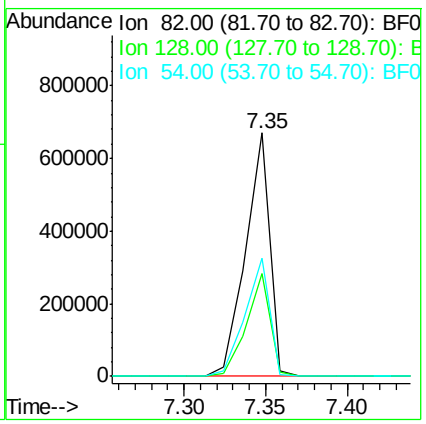


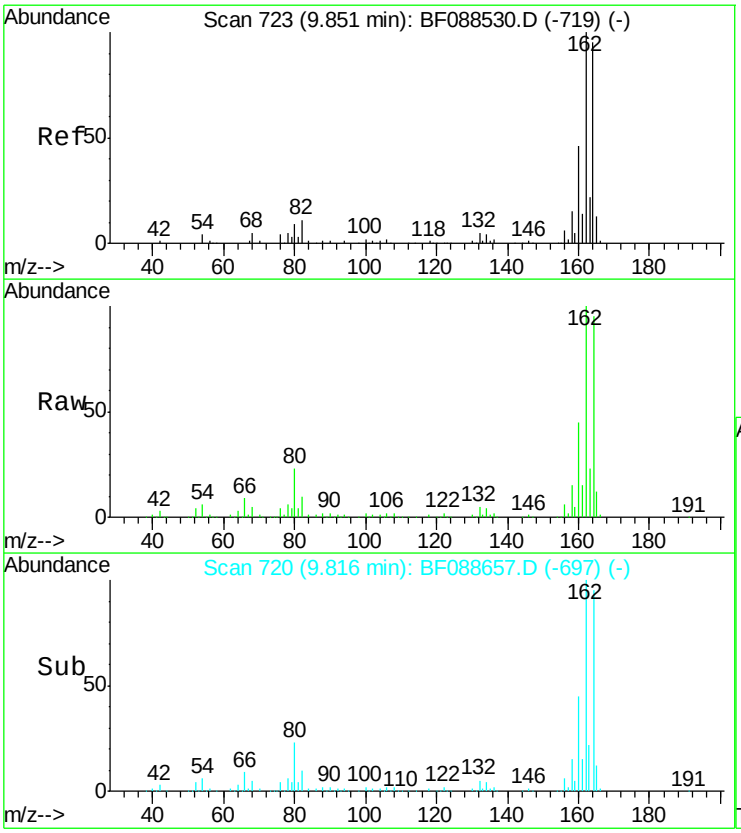
#23
Nitrobenzene-d5
Concen: 79.15 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 687432

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.9	53.9
54	48.7	40.9	61.3

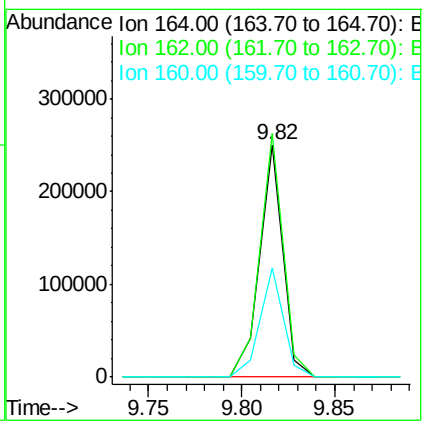


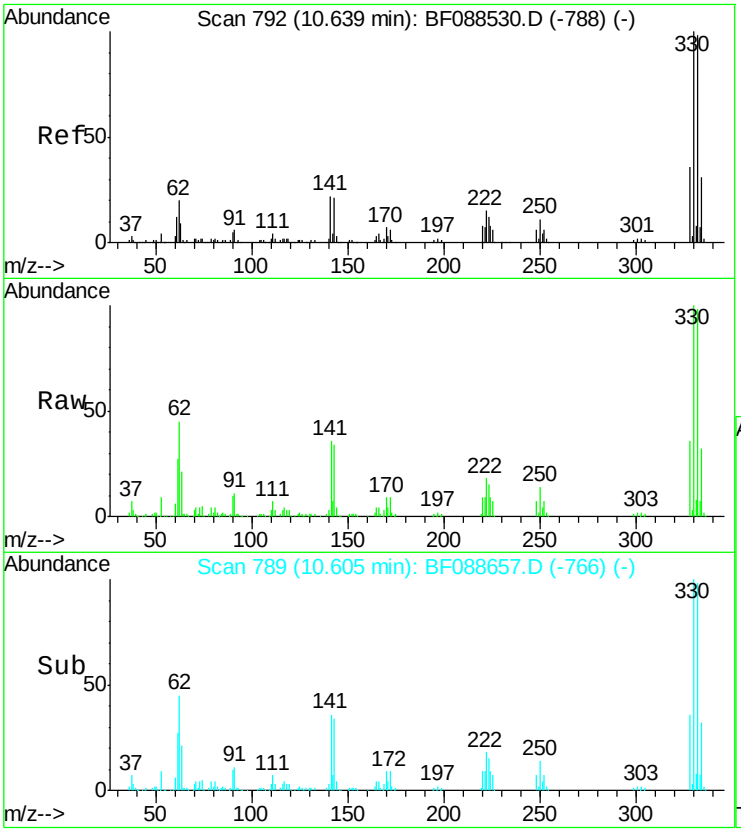


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:164 Resp: 213342

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	47.1	39.5	59.3



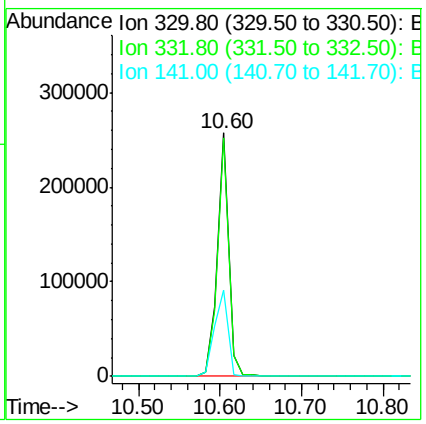


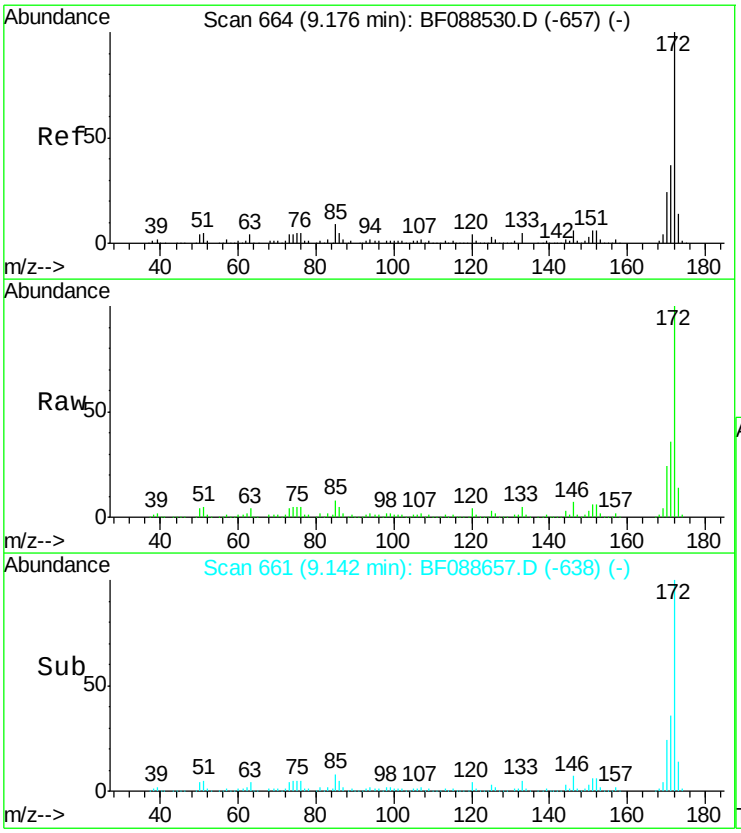
#41
2,4,6-Tribromophenol
Concen: 125.62 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 248868

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	42.0	0.0	0.0#

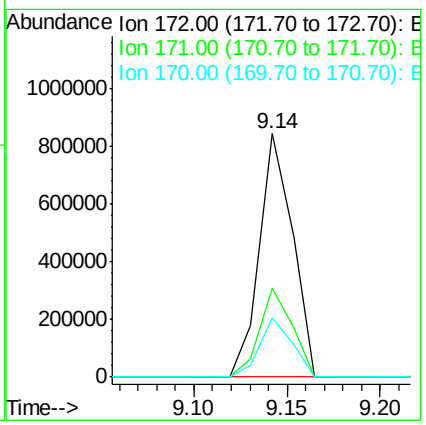


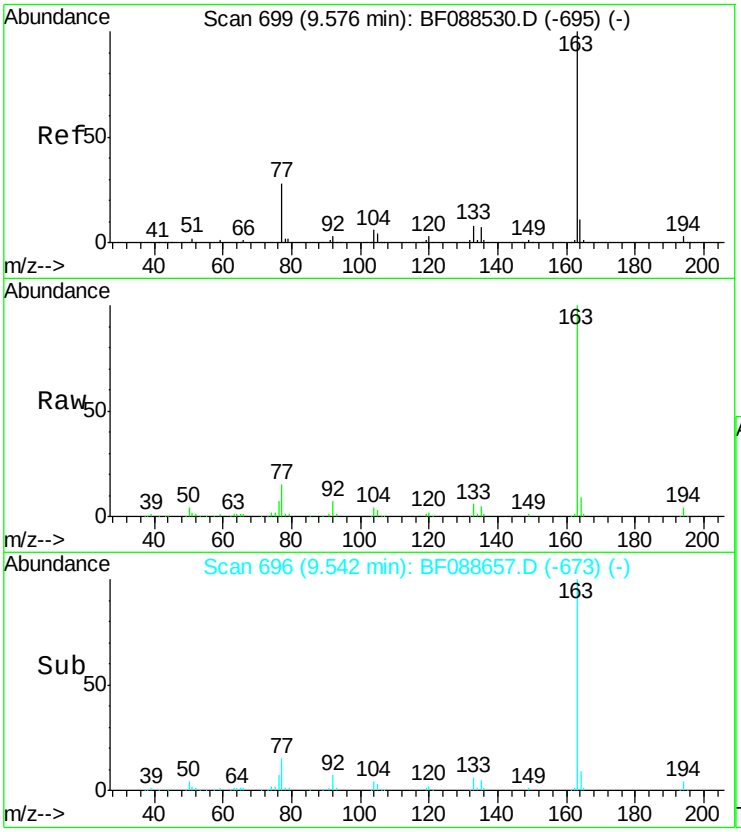


#44
2-Fluorobiphenyl
Concen: 77.00 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:172 Resp: 1039999

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.2	19.2	28.8



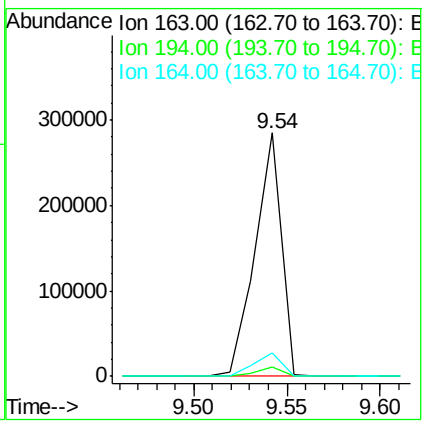


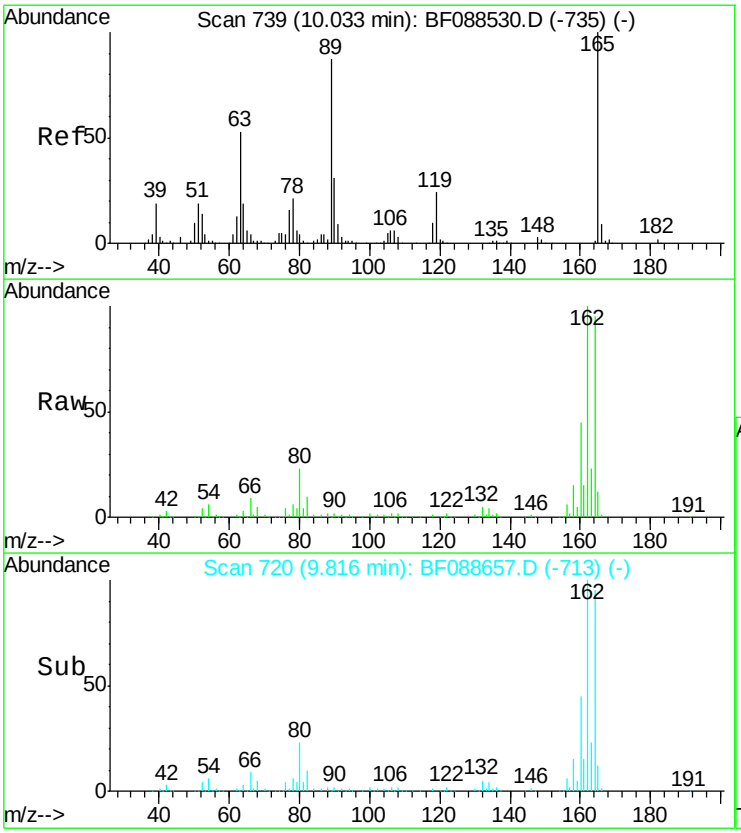
#49
Dimethylphthalate
Concen: 18.14 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 275785

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.4	8.3	12.5

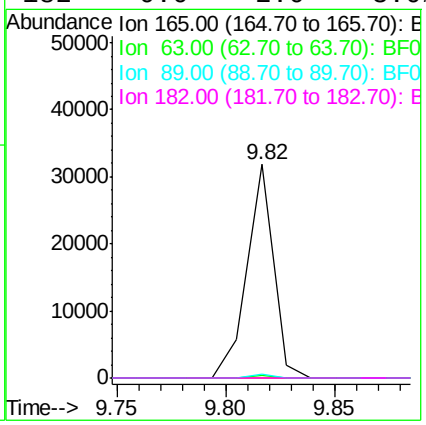


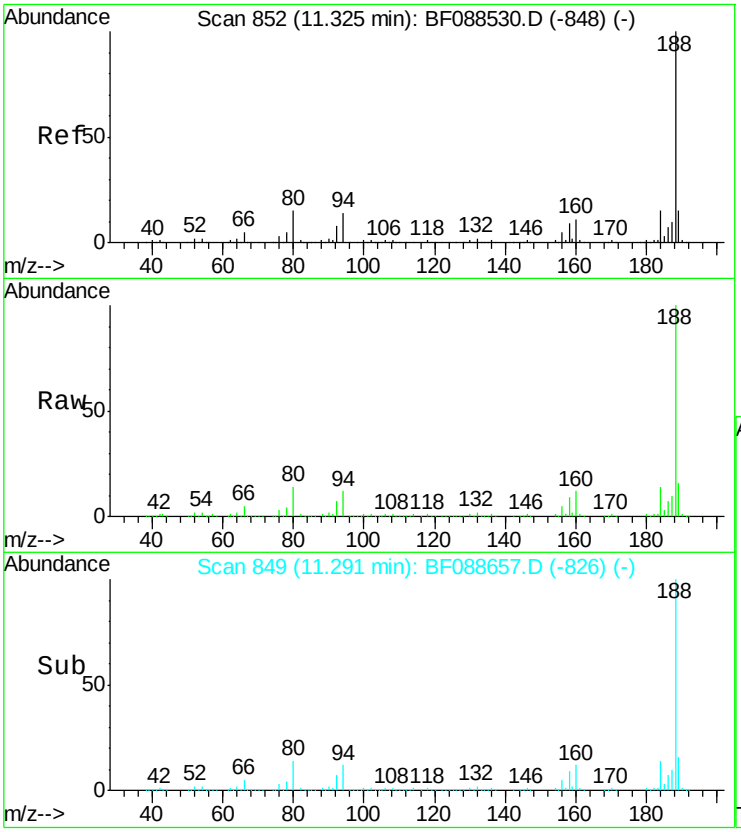


#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:165 Resp: 27099

Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



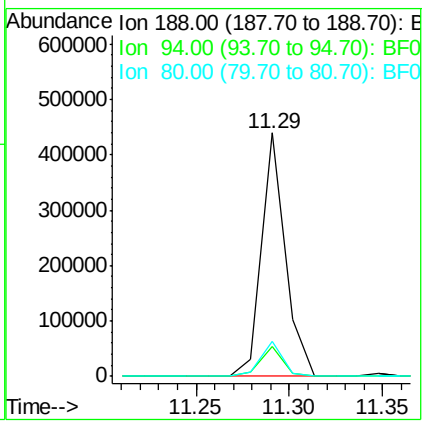


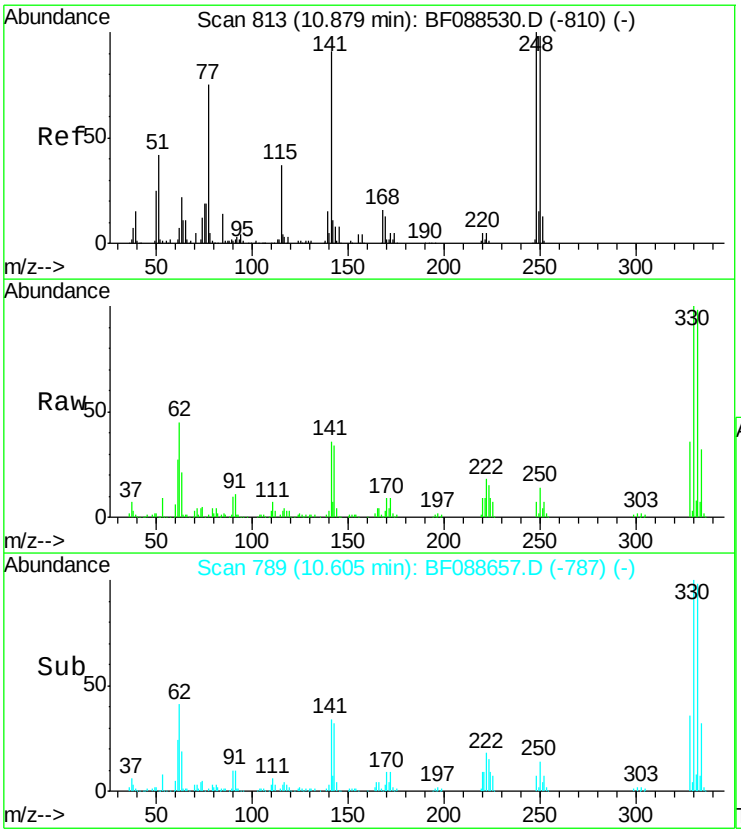
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 392970

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.0	13.6
80	14.4	10.0	15.0

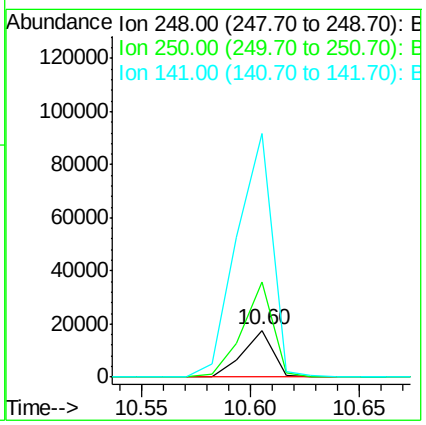


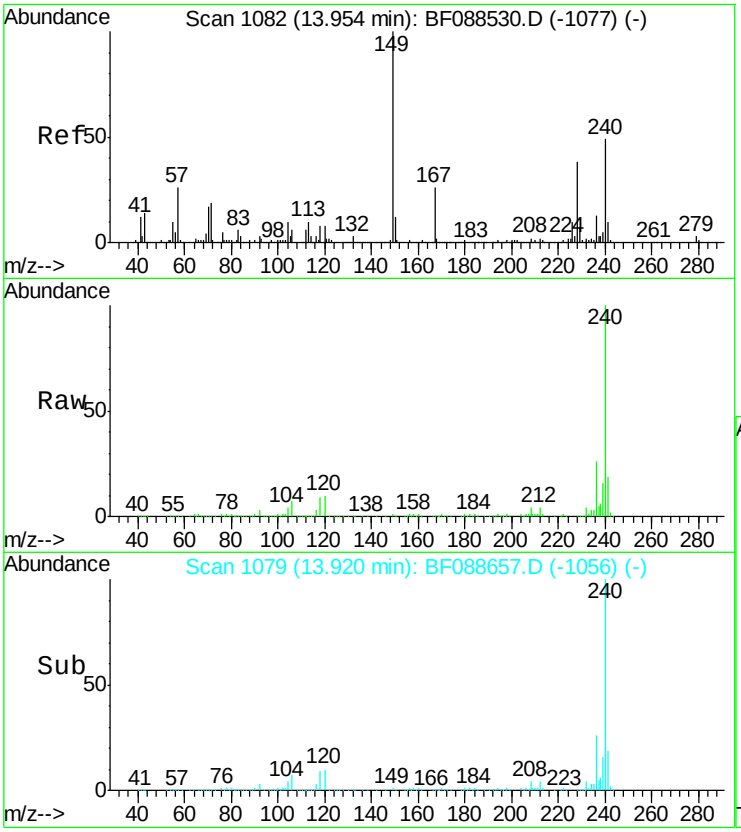


#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:248 Resp: 17336

Ion	Ratio	Lower	Upper
248	100		
250	204.4	77.1	115.7#
141	523.1	50.6	76.0#



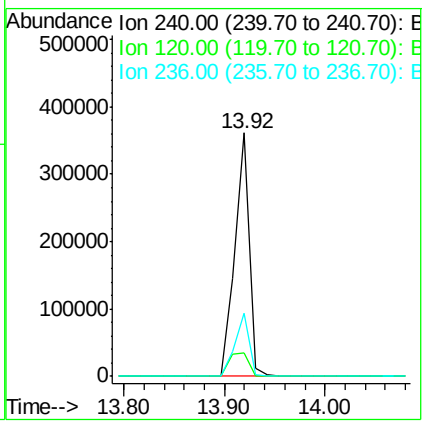


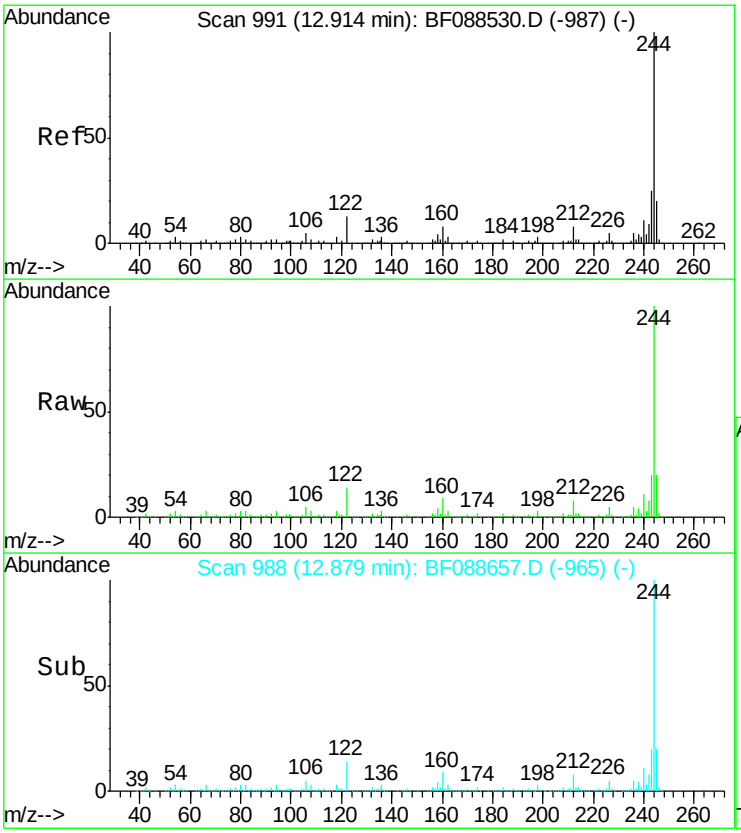
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 358780

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	26.2	20.2	30.2

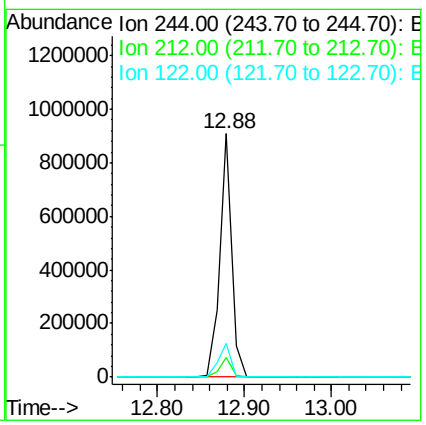


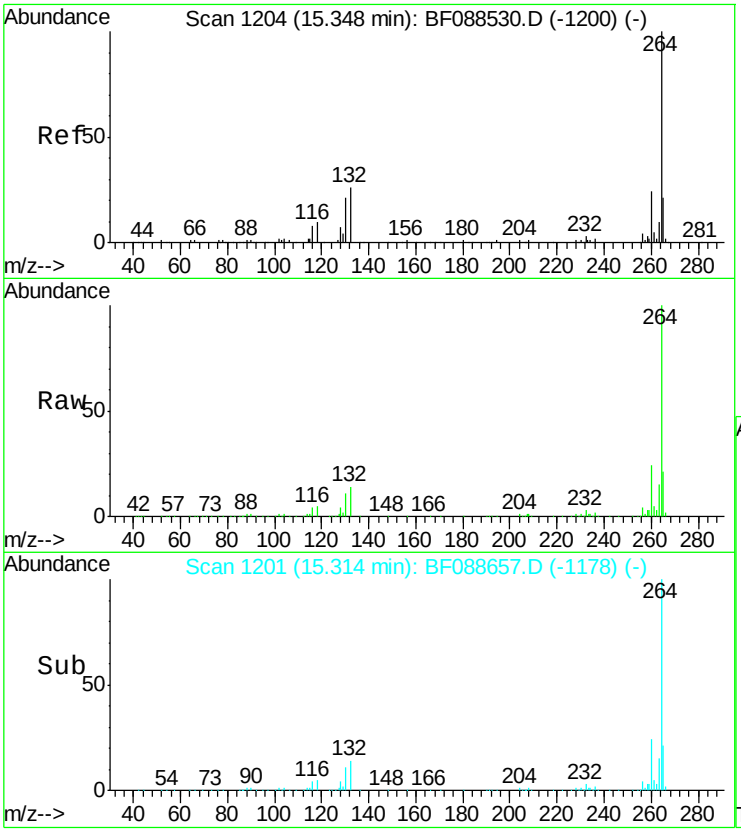


#78
Terphenyl-d14
Concen: 54.78 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Tgt Ion:244 Resp: 882369

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.9	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088657.D
Acq: 3 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 291197

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	16.9	25.3