Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088695.D
Acq On : 4 Jul 2016 15:01
Operator : UM/SJ
Sample : H3784-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D11-B1(0-6)C

Quant Time: Jul 05 00:51:51 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	111800	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	386441	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	157187	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	255205	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	194859	20.00	ng	-0.03
86) Perylene-d12	15.31	264	165418	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	591044	79.23	ng	-0.02
7) Phenol-d6	6.42	99	755737	78.40	ng	-0.02
23) Nitrobenzene-d5	7.35	82	463861	62.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	124825	85.52	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	909553	91.40	ng	-0.02
78) Terphenyl-d14	12.88	244	532087	60.82	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	63485	9.81	ng	# 74
25) Isophorone	7.35	82	403989	29.58	ng	# 65
37) 2-Methylnaphthalene	8.79	142	60109	4.90	ng	98
49) Dimethylphthalate	9.54	163	89669	8.01	ng	98
51) Acenaphthene	9.85	154	34025	3.41	ng	98
66) 4-Bromophenyl-phenylether	10.60	248	9020	3.51	ng	# 1
87) Benzo(b)fluoranthene	14.93	252	21131	2.04	ng	# 80
88) Benzo(k)fluoranthene	14.93	252	21131	2.34	ng	# 85

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

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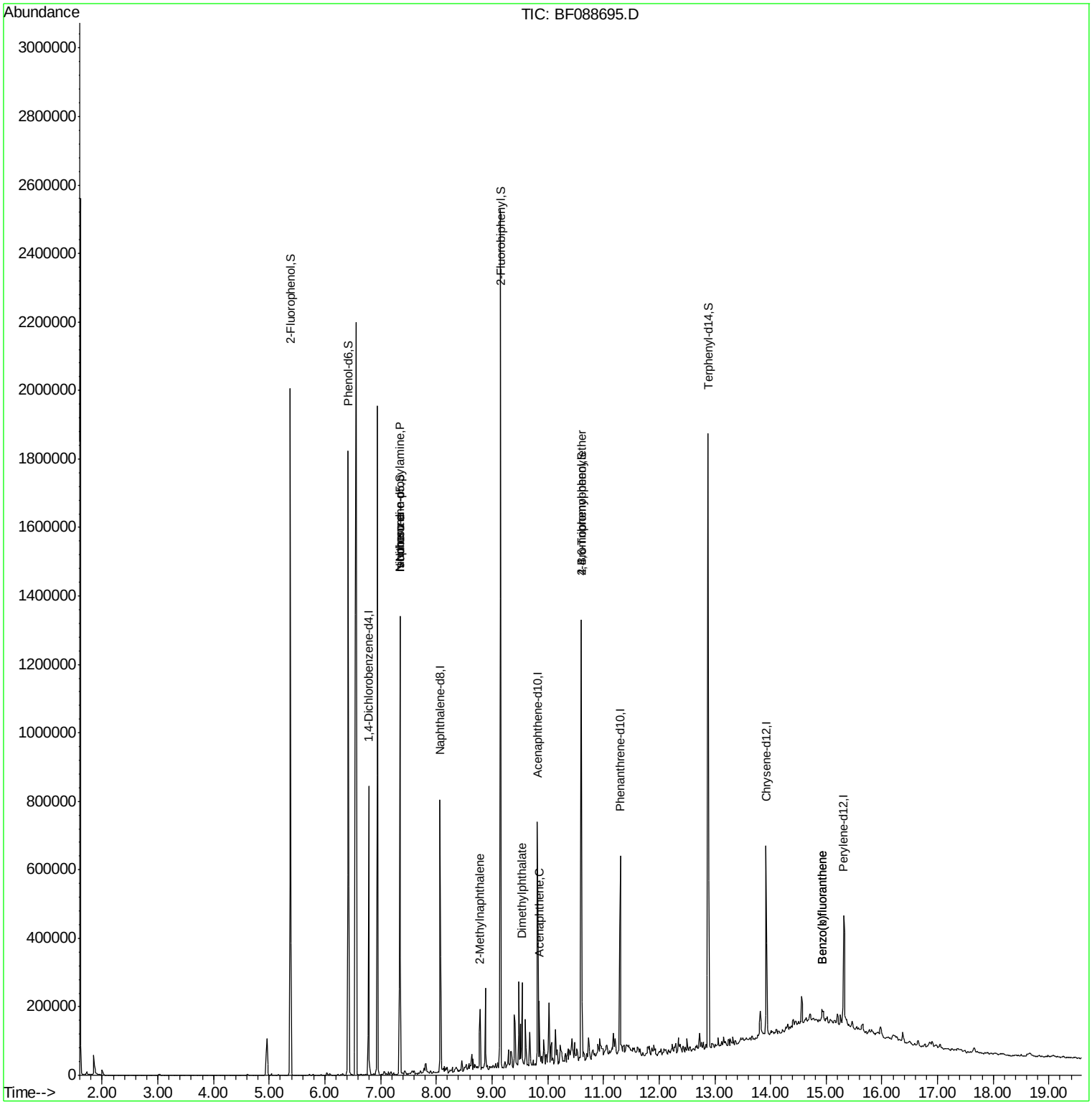
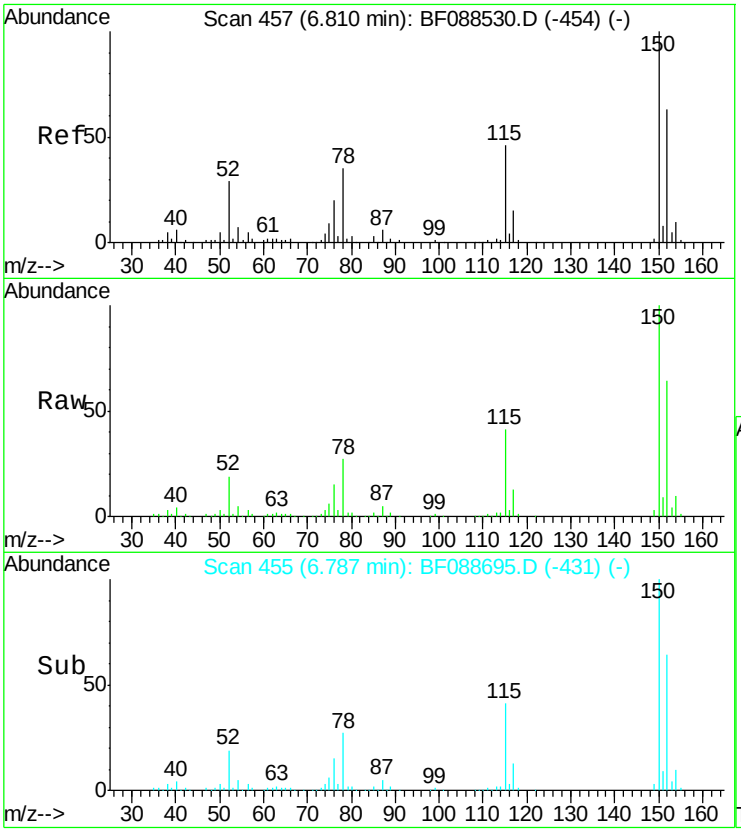


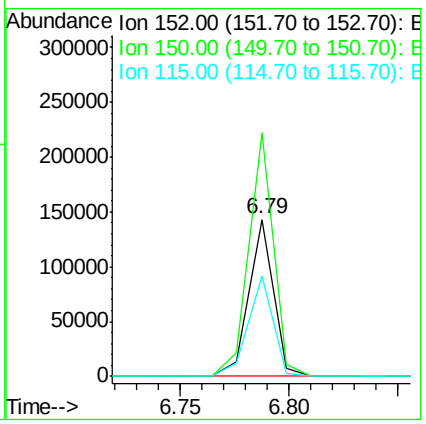


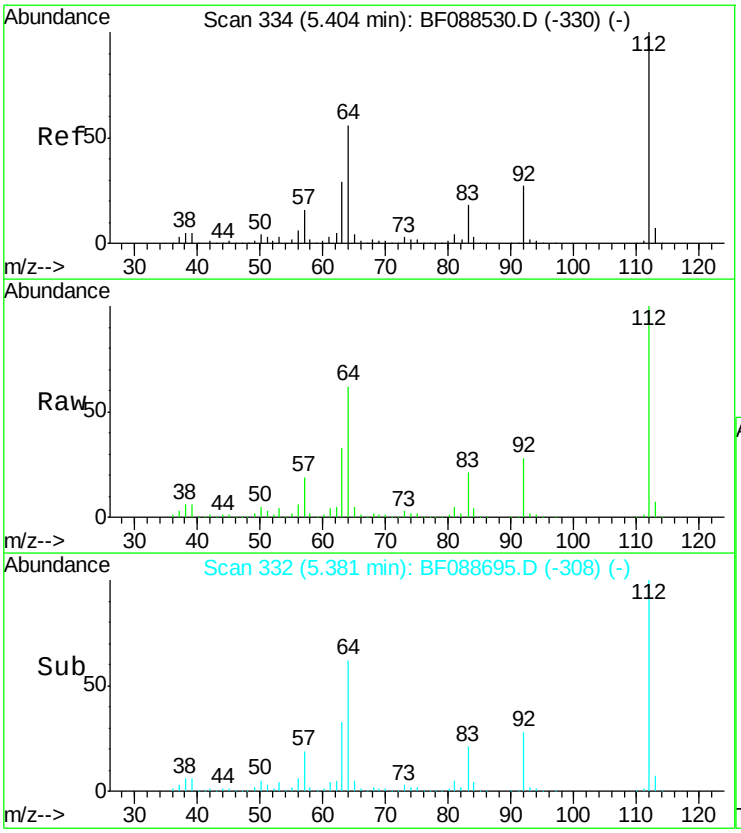
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:152 Resp: 111800

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	64.3	39.6	59.4#

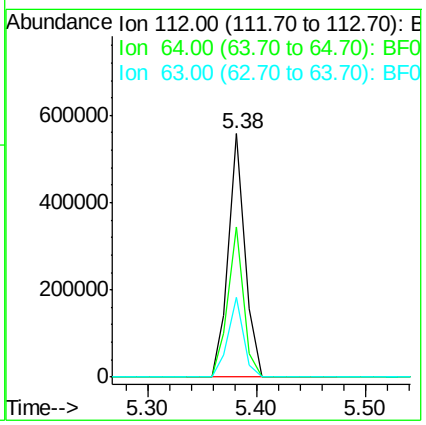


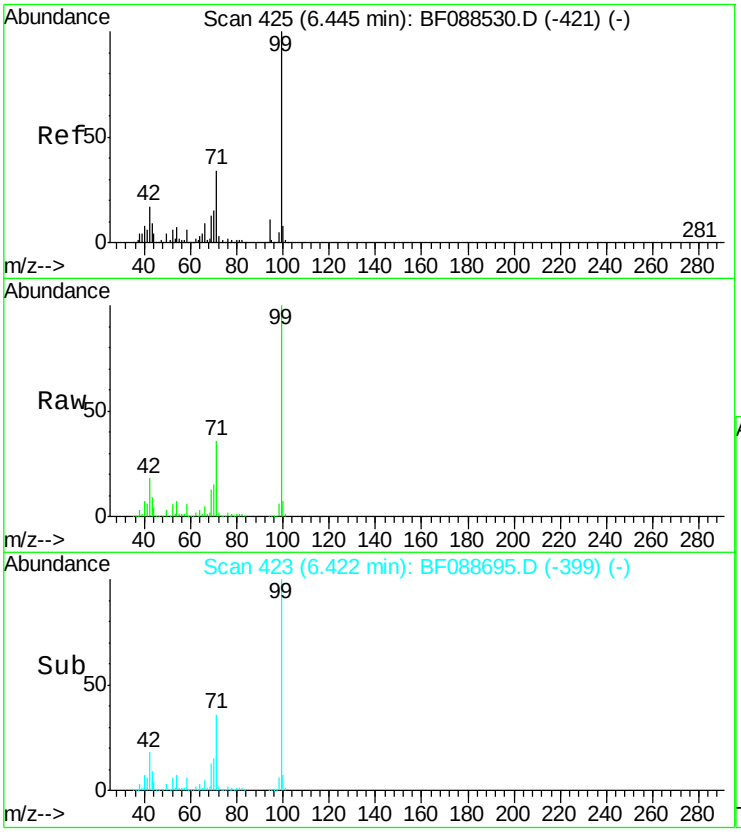


#5
2-Fluorophenol
Concen: 79.23 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:112 Resp: 591044

Ion	Ratio	Lower	Upper
112	100		
64	61.8	42.2	63.2
63	32.5	21.8	32.8



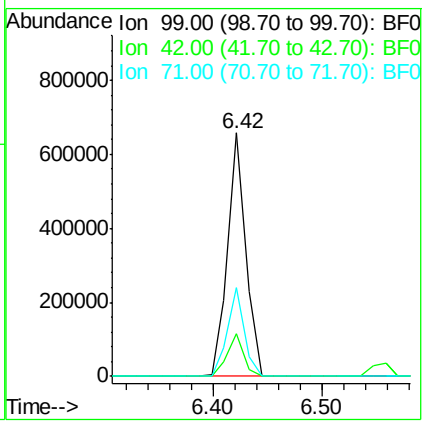


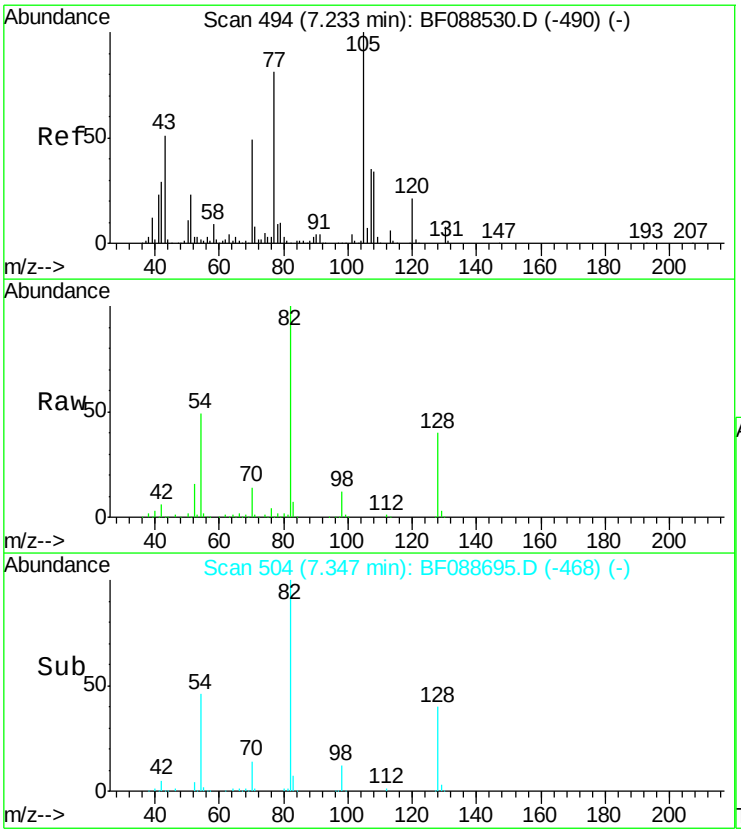
#7
Phenol-d6
Concen: 78.40 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion: 99 Resp: 755737

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	36.3	23.4	35.0#

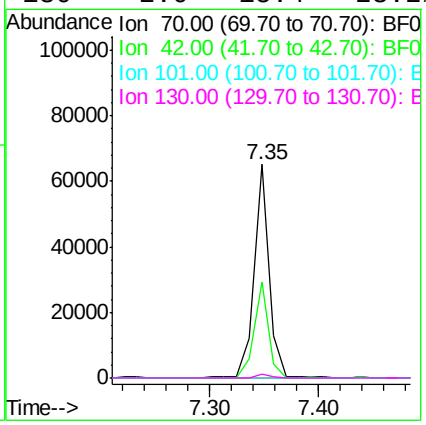


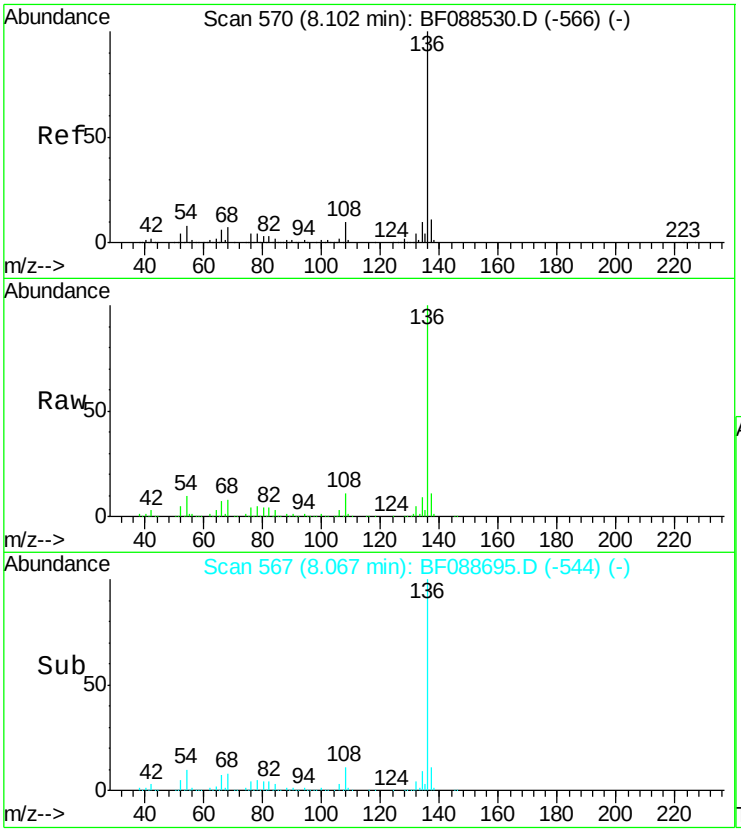


#19
n-Nitroso-di-n-propylamine
Concen: 9.81 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion: 70 Resp: 63485

Ion	Ratio	Lower	Upper
70	100		
42	44.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



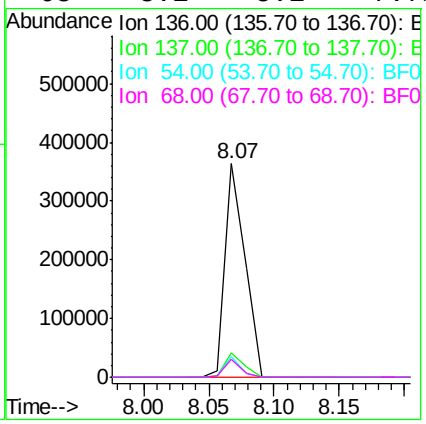


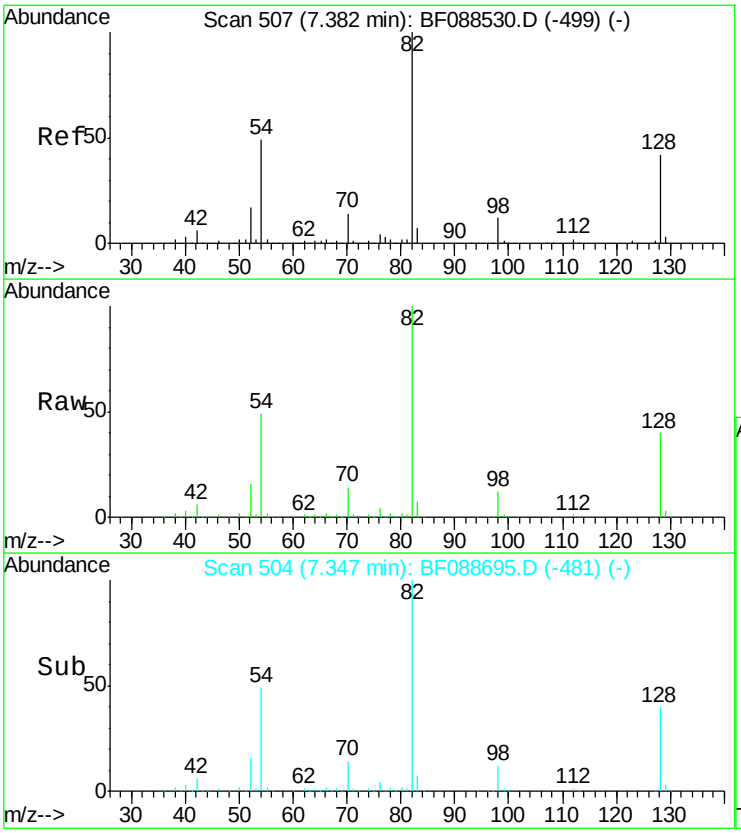
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:136 Resp: 386441

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.8	6.6	10.0
68	8.1	5.1	7.7#

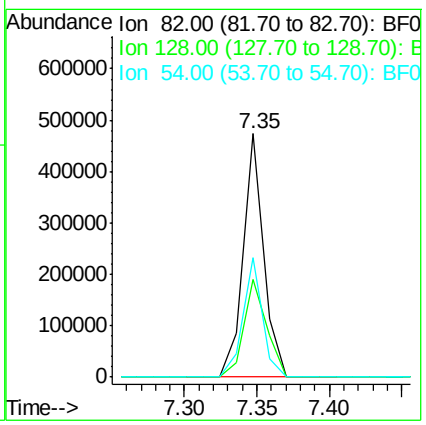


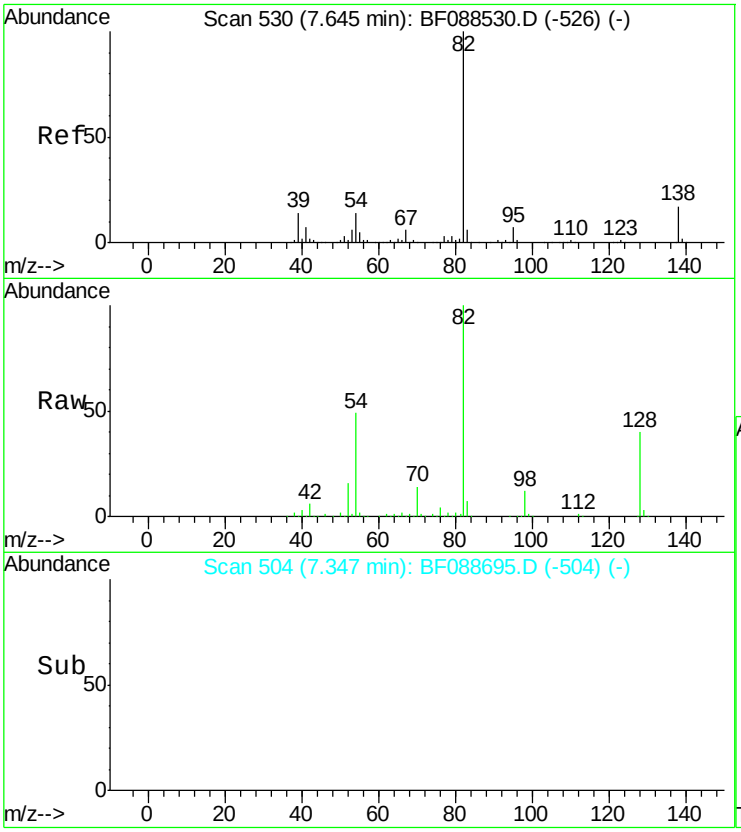


#23
Nitrobenzene-d5
Concen: 62.90 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion: 82 Resp: 463861

Ion	Ratio	Lower	Upper
82	100		
128	40.2	35.9	53.9
54	48.9	40.9	61.3



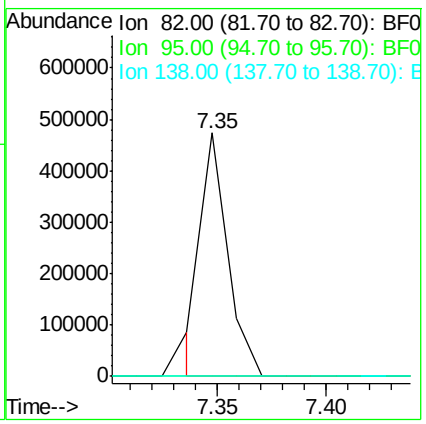


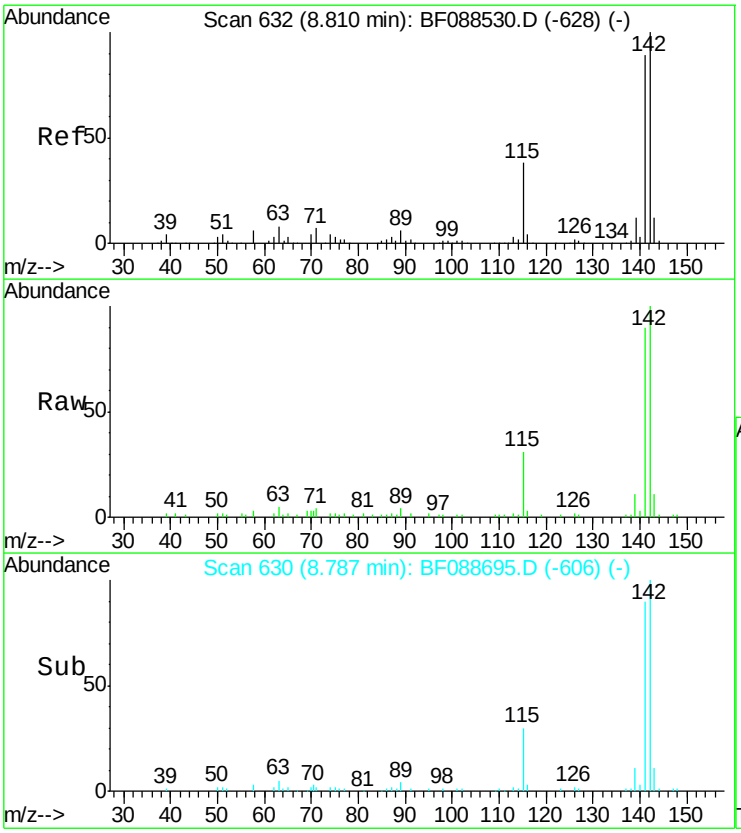
#25
Isophorone
Concen: 29.58 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.30 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion: 82 Resp: 403989

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

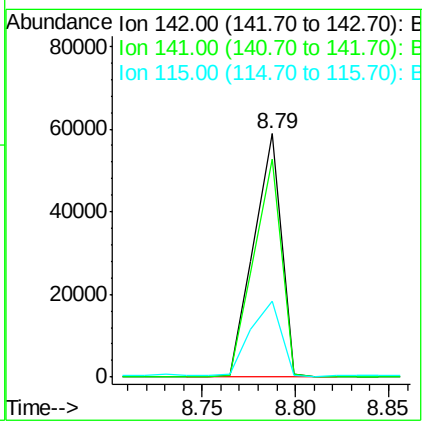


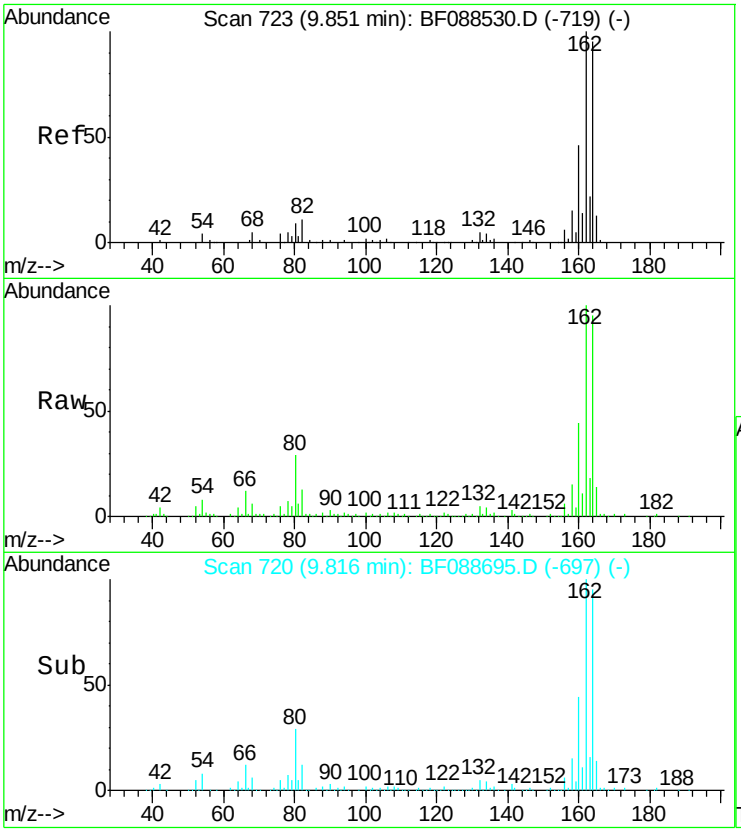


#37
2-Methylnaphthalene
Concen: 4.90 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:142 Resp: 60109

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	31.1	22.6	33.8



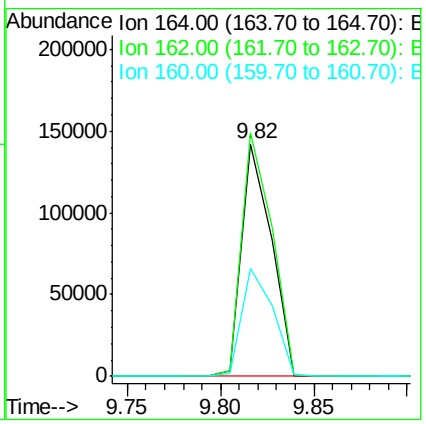


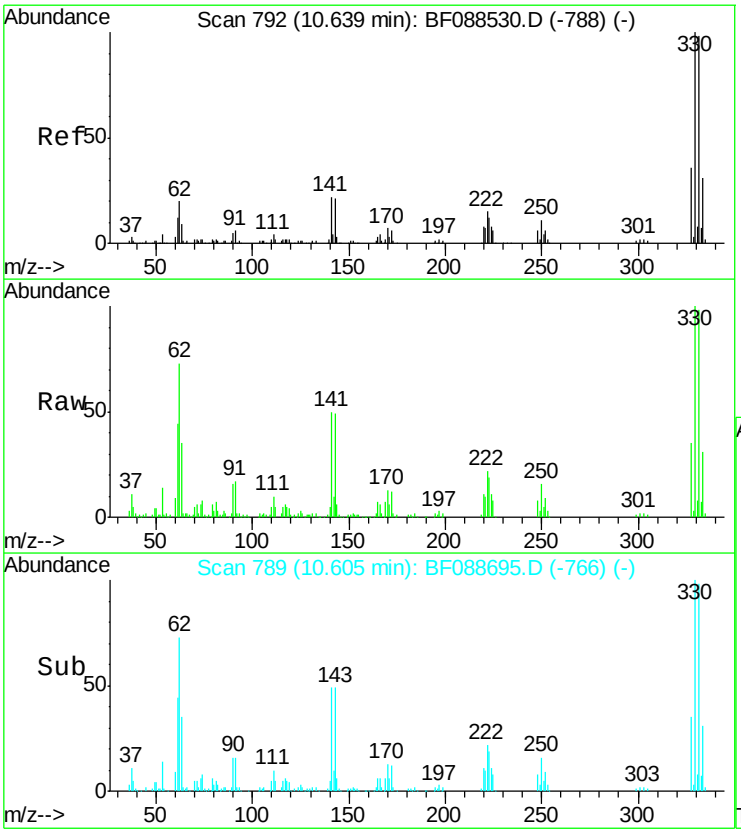
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:164 Resp: 157187

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.2
160	46.3	39.5	59.3

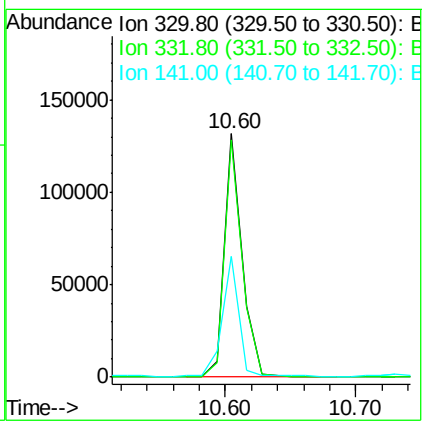


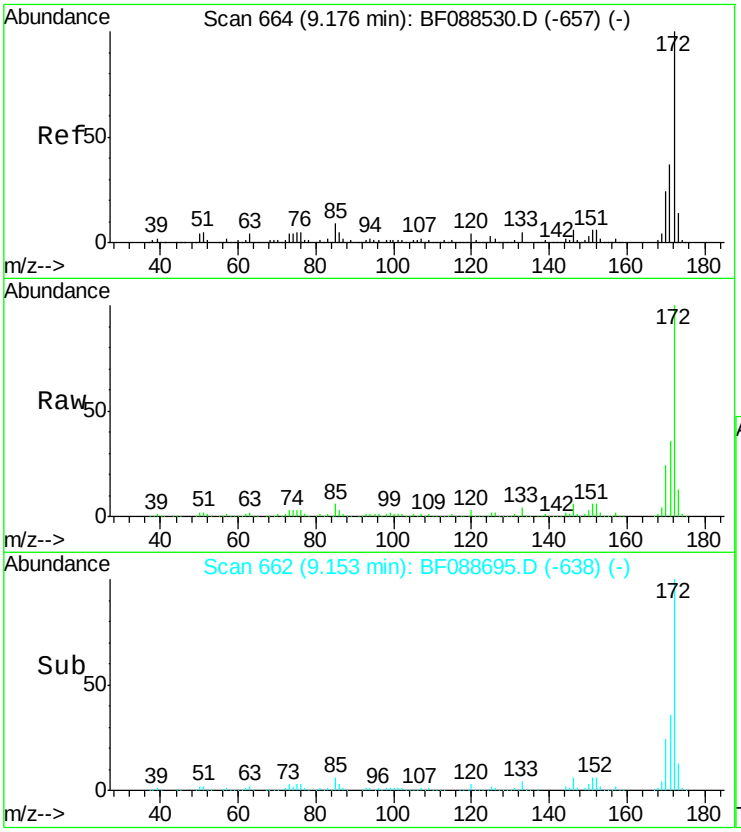


#41
2,4,6-Tribromophenol
Concen: 85.52 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:330 Resp: 124825

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	46.0	0.0	0.0#



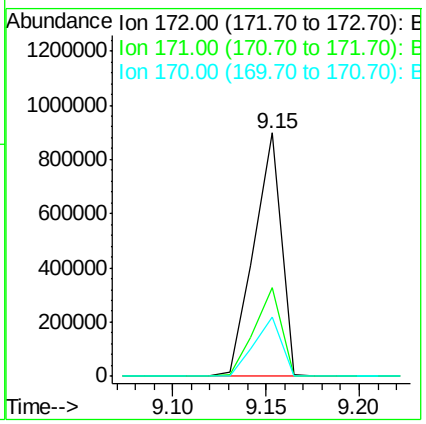


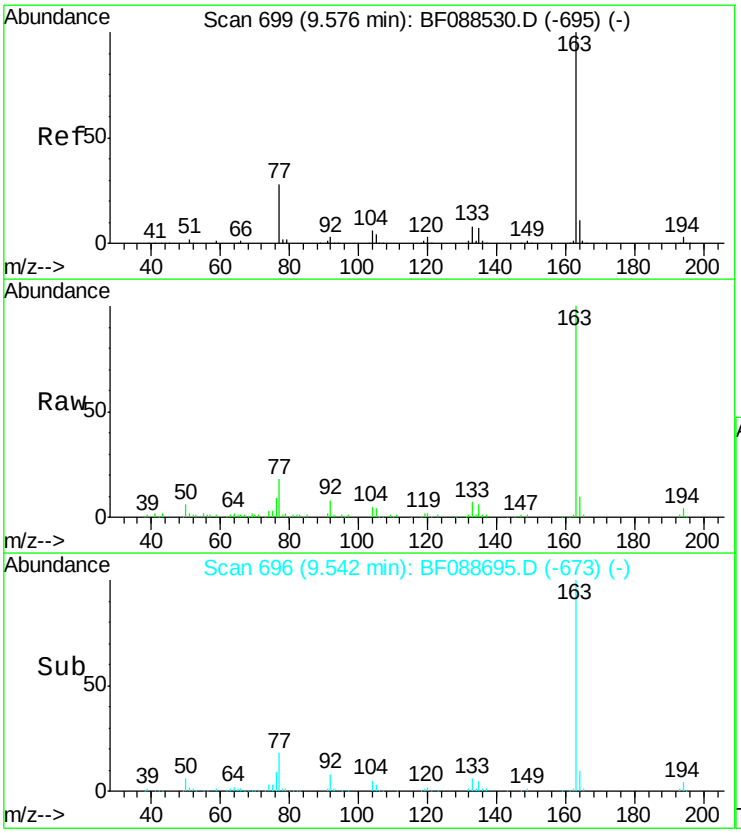
#44
2-Fluorobiphenyl
Concen: 91.40 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:172 Resp: 909553

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

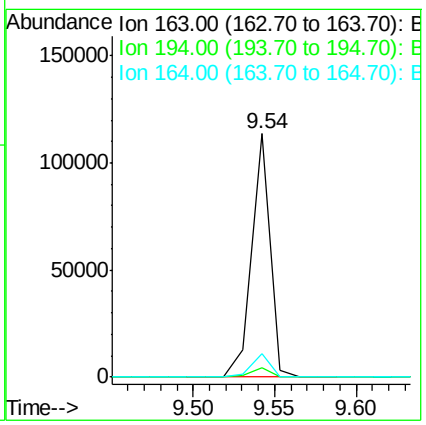


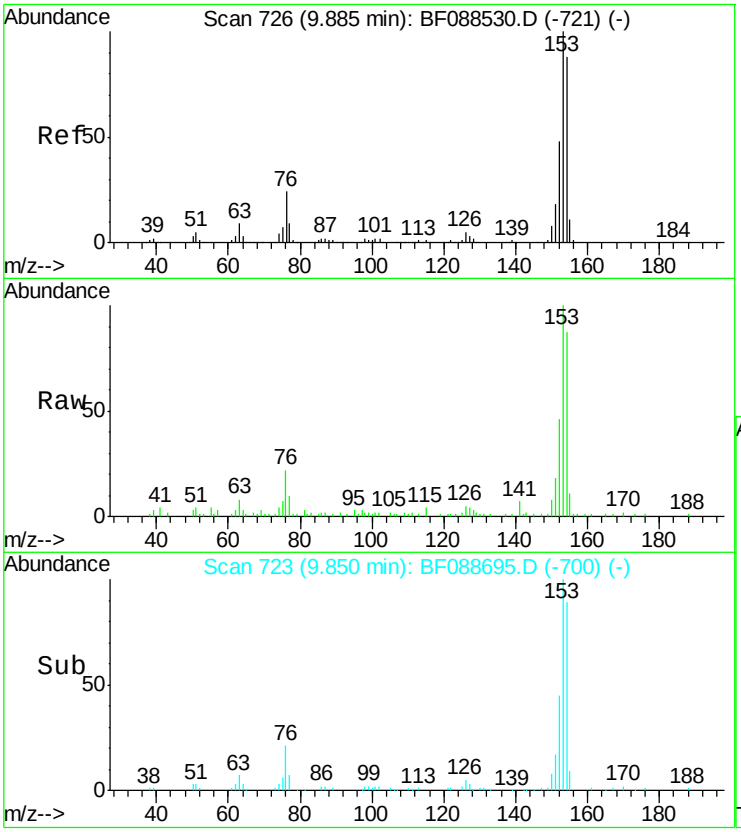


#49
Dimethylphthalate
Concen: 8.01 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:163 Resp: 89669

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.7	8.3	12.5



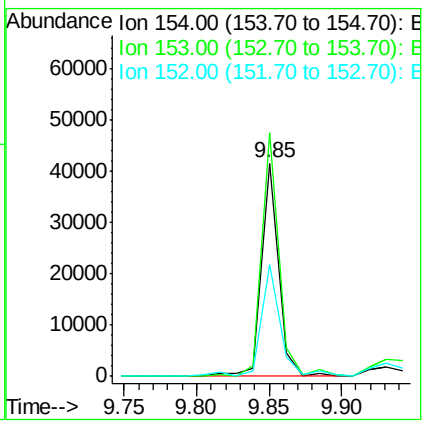


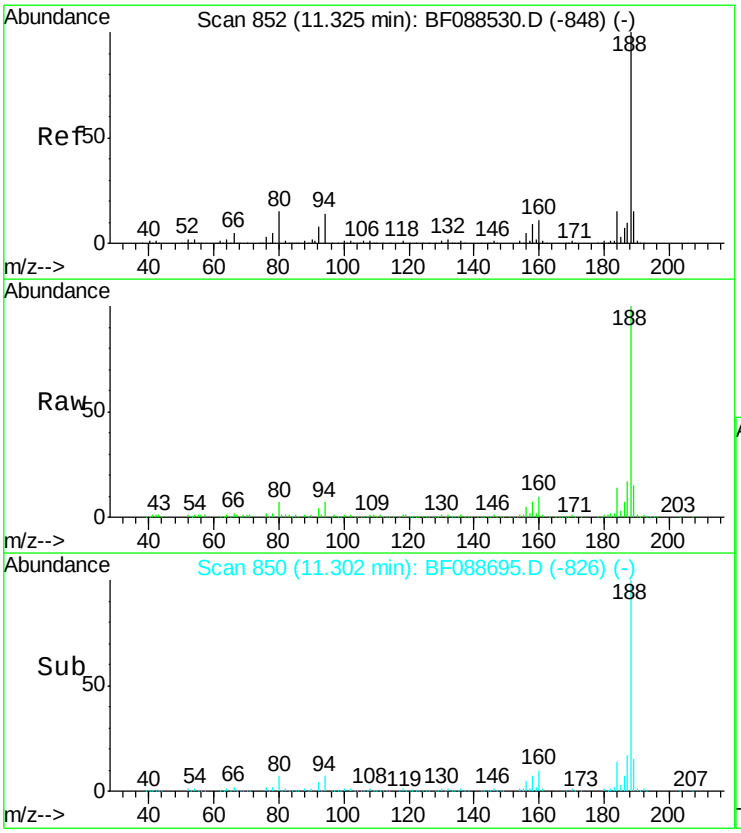
#51
Acenaphthene
Concen: 3.41 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:154 Resp: 34025

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.5	134.3
152	52.7	42.7	64.1

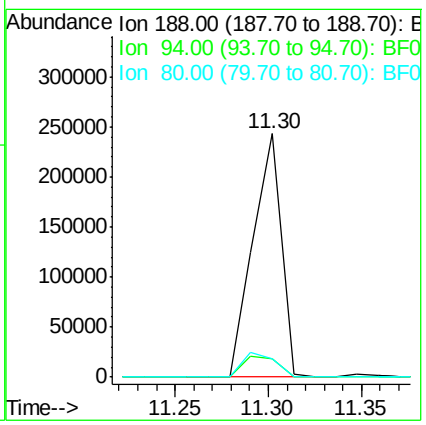


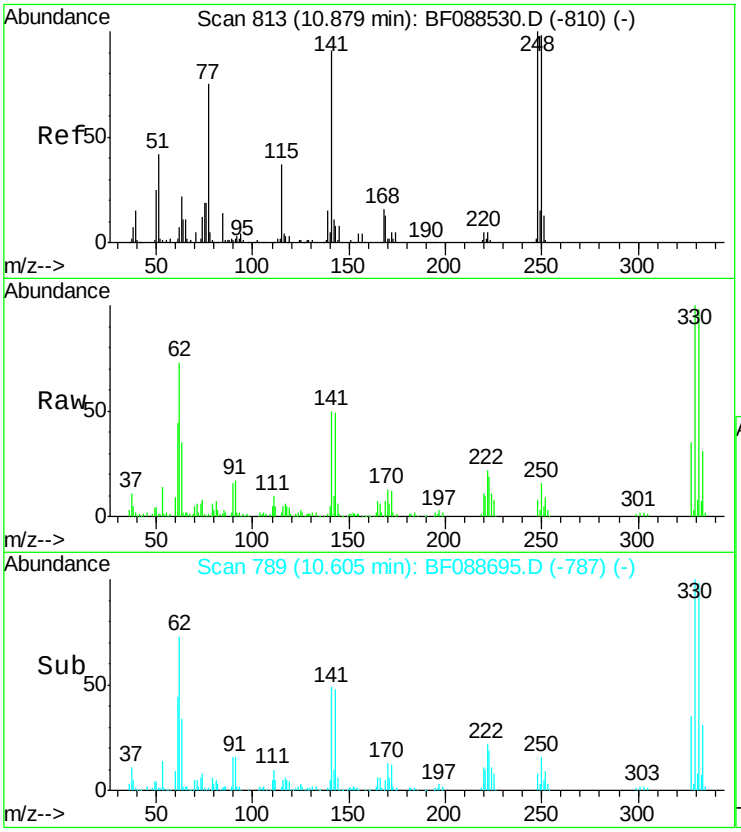


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:188 Resp: 255205

Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.0	13.6#
80	7.4	10.0	15.0#



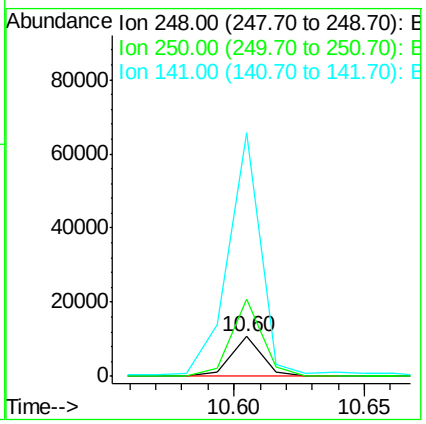


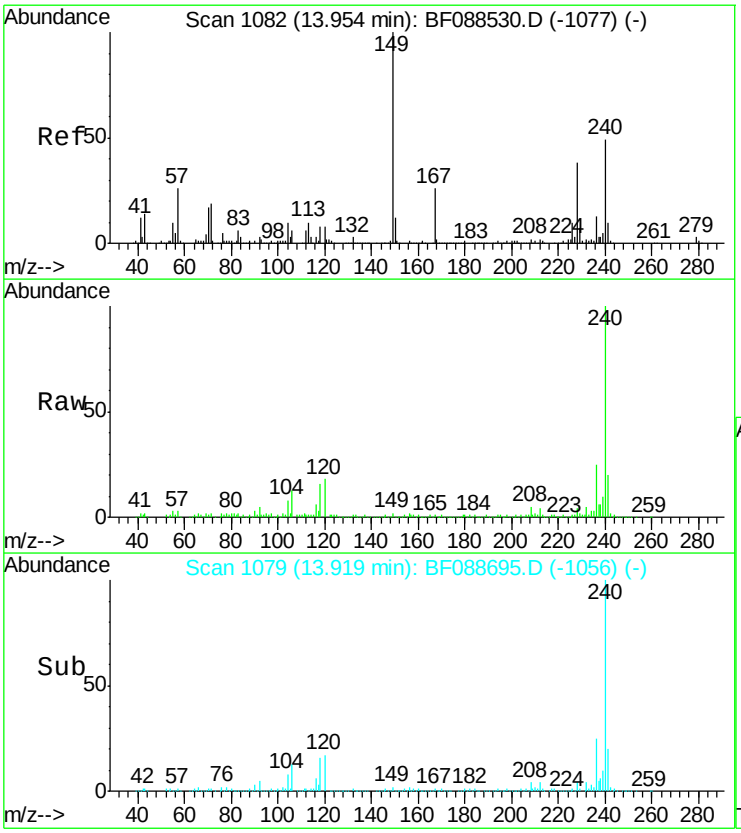
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:248 Resp: 9020

Ion	Ratio	Lower	Upper
248	100		
250	192.9	77.1	115.7#
141	613.2	50.6	76.0#

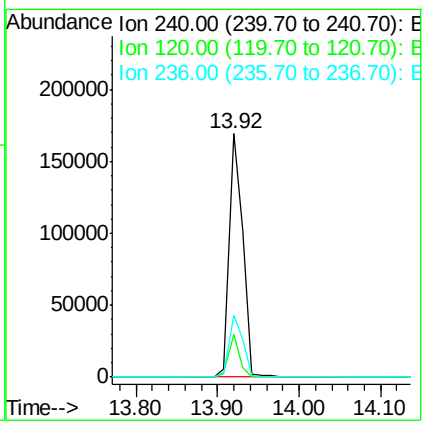


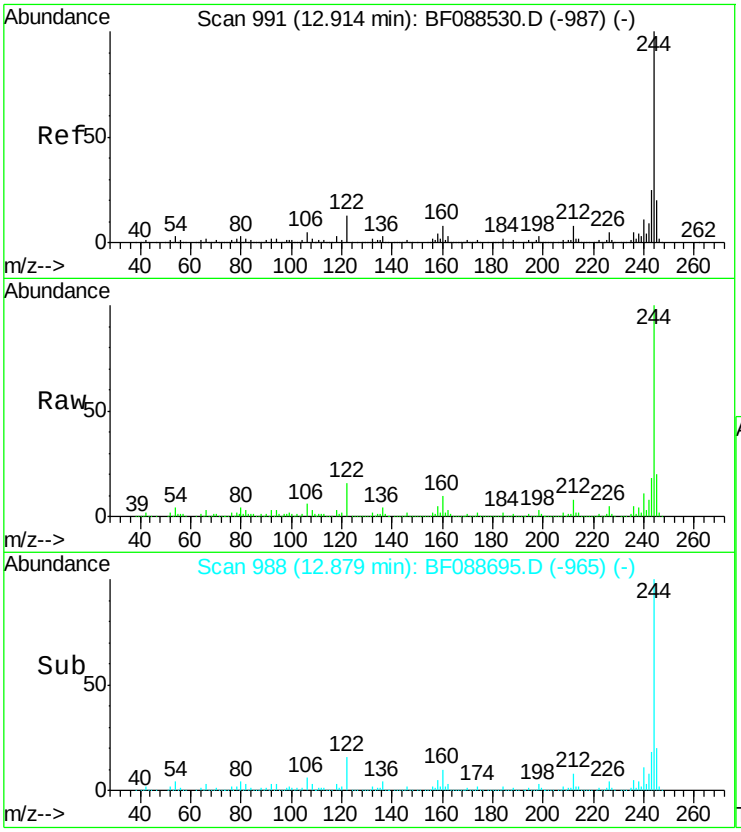


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:240 Resp: 194859

Ion	Ratio	Lower	Upper
240	100		
120	17.7	6.8	10.2#
236	25.4	20.2	30.2



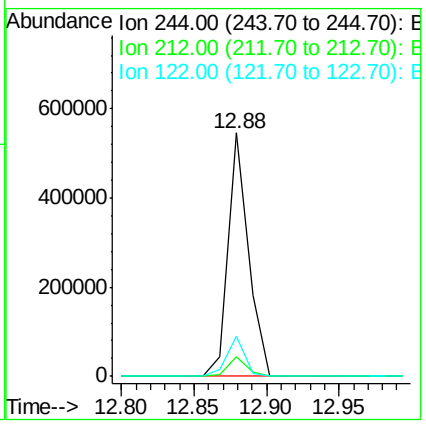


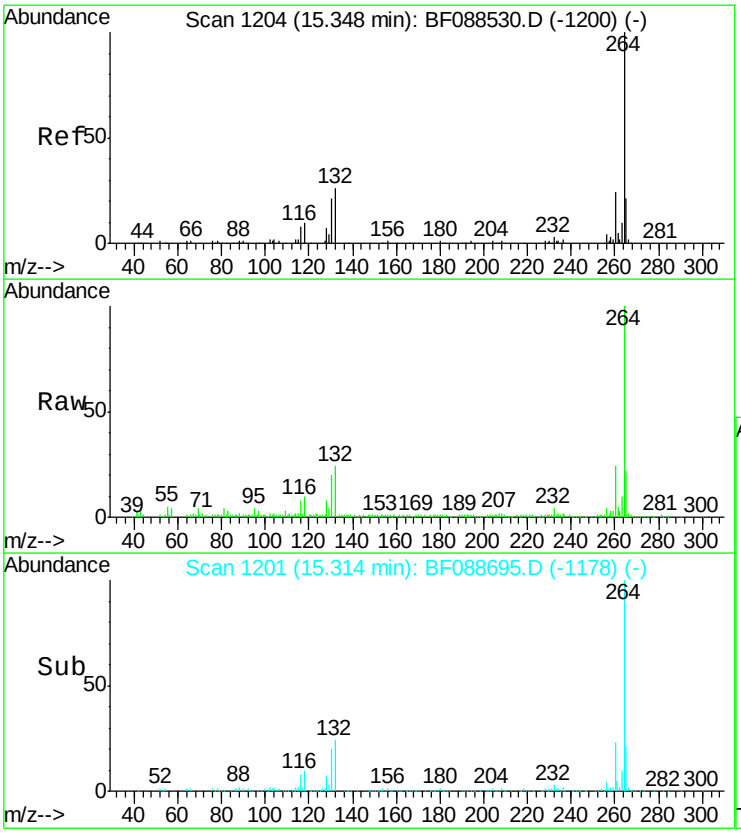
#78
Terphenyl-d14
Concen: 60.82 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:244 Resp: 532087

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	16.4	11.2	16.8

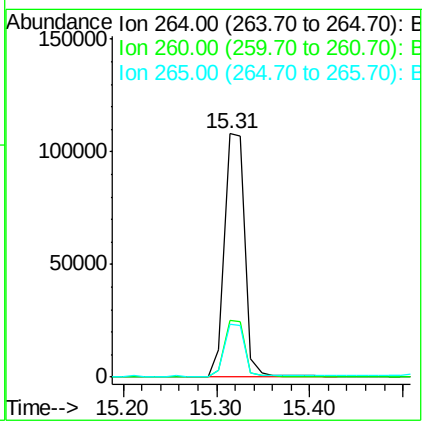


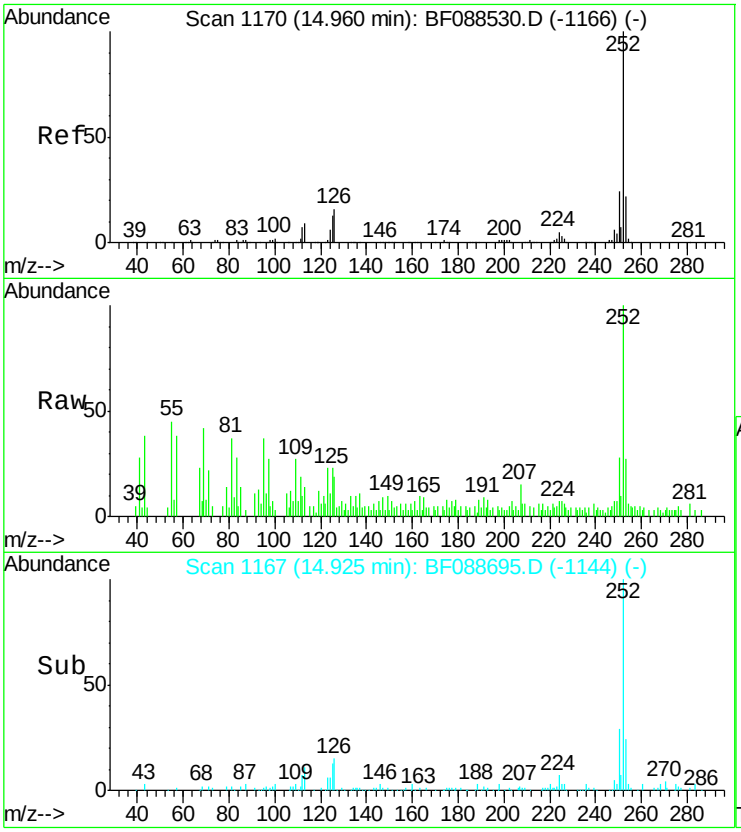


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:264 Resp: 165418

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	16.9	25.3



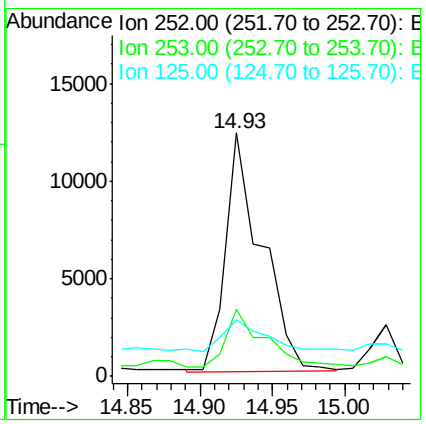


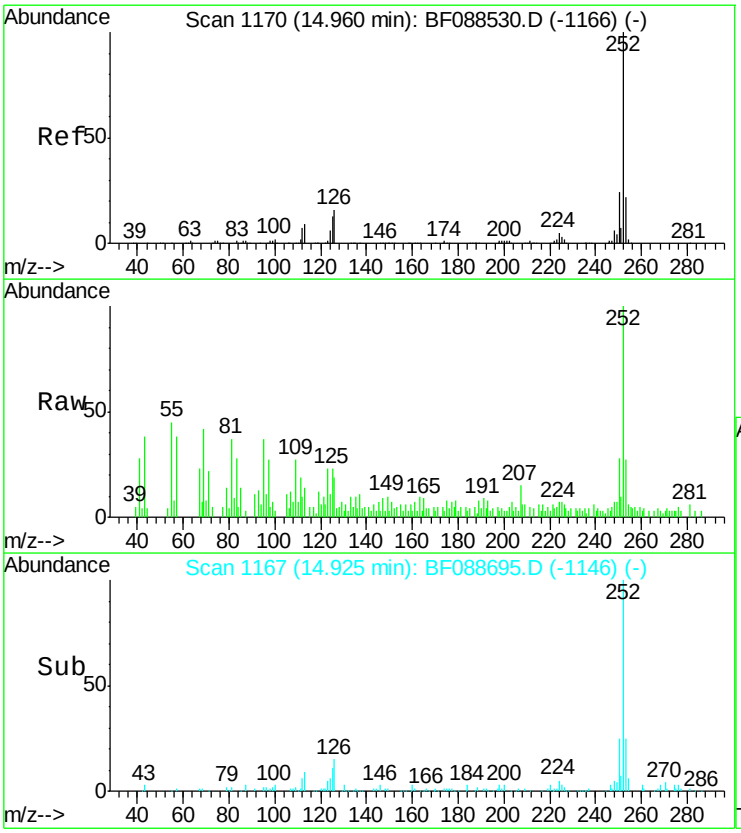
#87
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :
D11-B1(0-6)C

Tgt Ion:252 Resp: 21131

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.4	26.2#
125	23.1	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 2.34 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088695.D
Acq: 4 Jul 2016 15:01

Tgt Ion:252 Resp: 21131

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.0	27.0#
125	23.1	11.2	16.8#