Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088617.D
Acq On : 2 Jul 2016 15:13
Operator : UM/SJ
Sample : H3871-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R5-B5(0-11)C

Quant Time: Jul 03 03:03:07 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	103272	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	451675	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	198650	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	309426	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	216174	20.00	ng	-0.02
86) Perylene-d12	15.33	264	226010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	617133	89.56	ng	-0.02
7) Phenol-d6	6.42	99	818701	91.95	ng	-0.02
23) Nitrobenzene-d5	7.36	82	587875	68.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	171816	93.14	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	775895	61.70	ng	-0.02
78) Terphenyl-d14	12.89	244	590732	60.87	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	78137	13.06	ng	# 69
49) Dimethylphthalate	9.55	163	183983	13.00	ng	99
56) 2,4-Dinitrotoluene	9.83	165	25718	6.27	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	11606	3.72	ng	# 1

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

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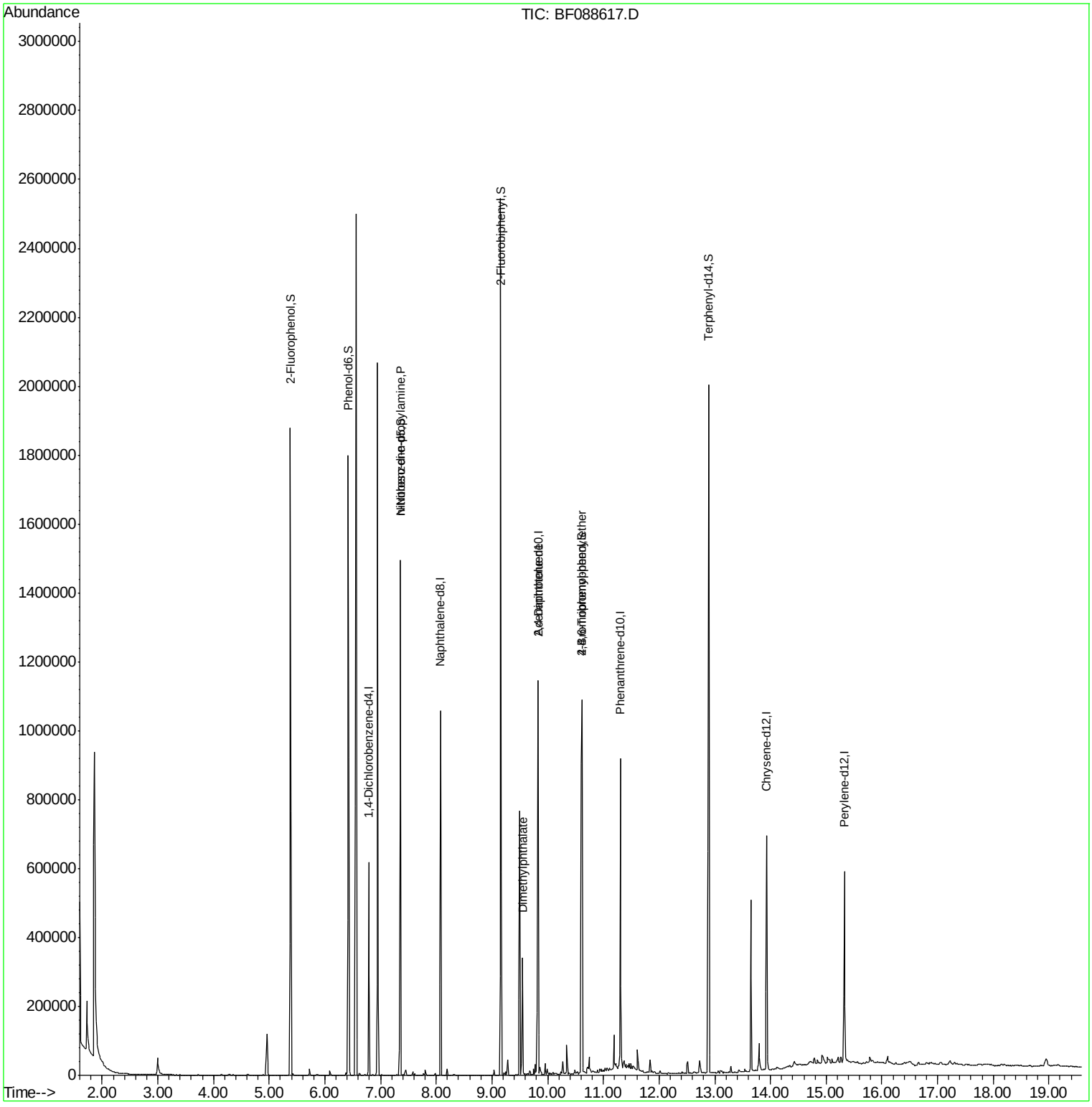
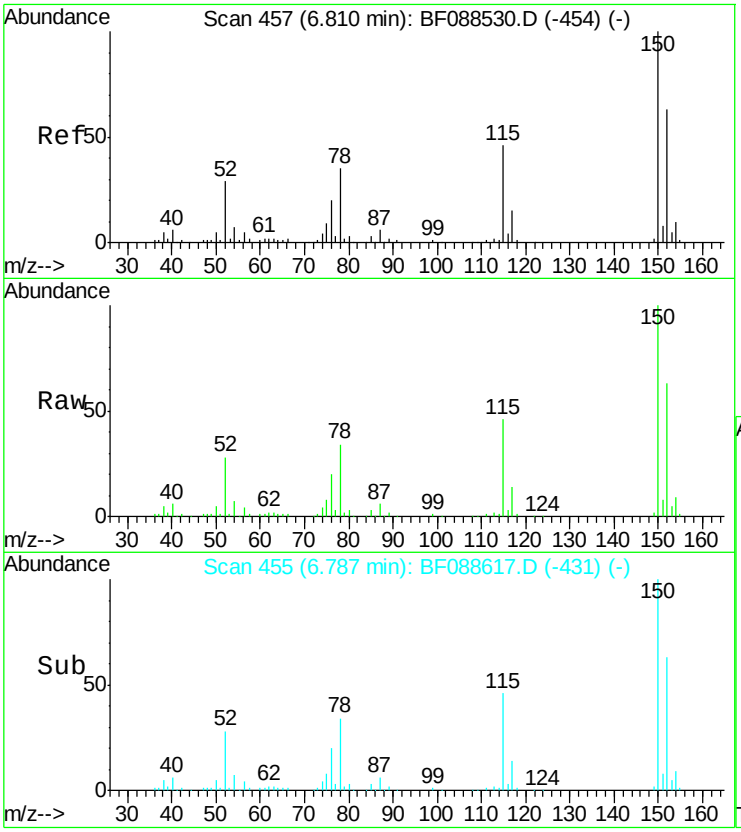


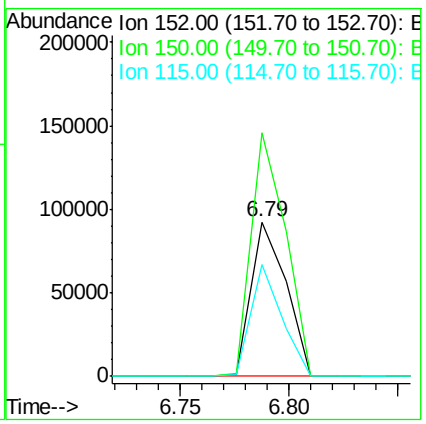


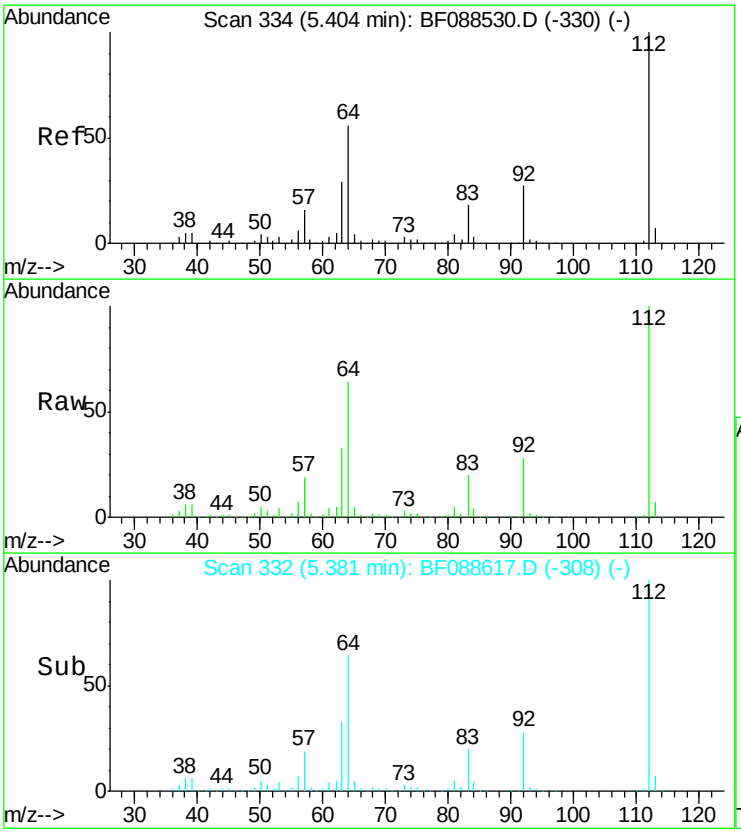
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:152 Resp: 103272

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.8	185.6
115	72.7	39.6	59.4#

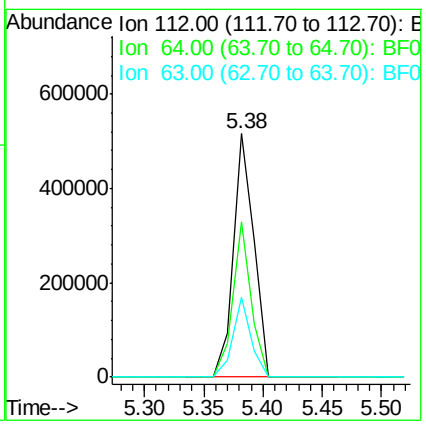


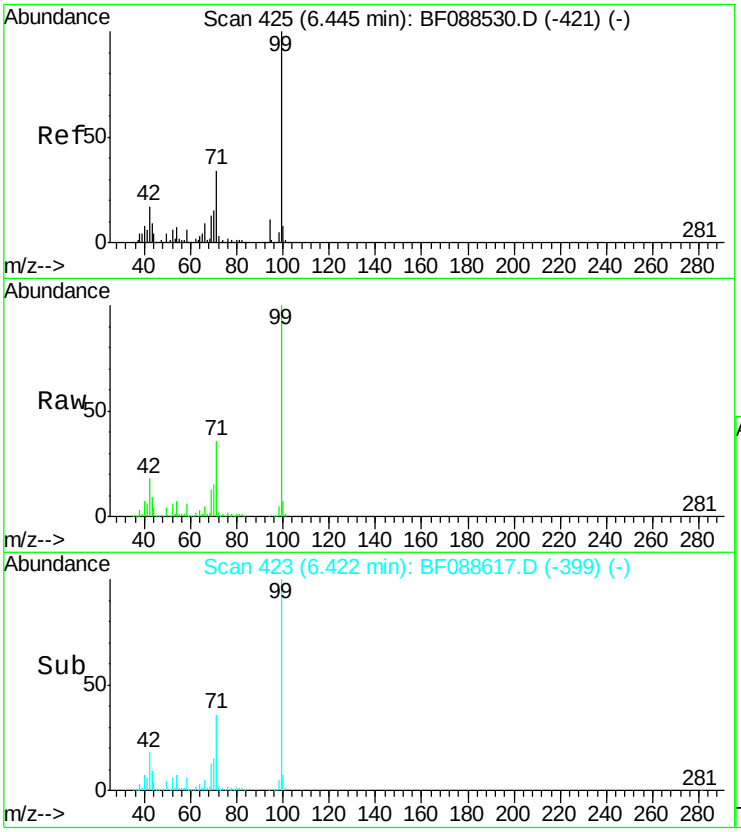


#5
2-Fluorophenol
Concen: 89.56 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:112 Resp: 617133

Ion	Ratio	Lower	Upper
112	100		
64	63.5	42.2	63.2#
63	32.9	21.8	32.8#



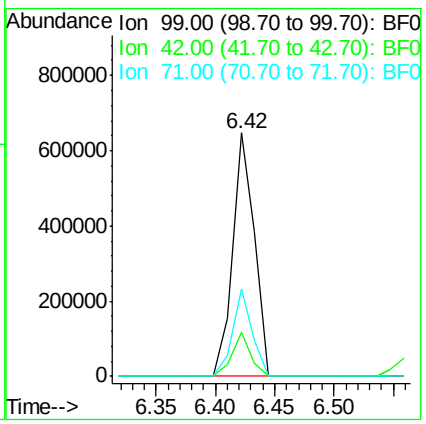


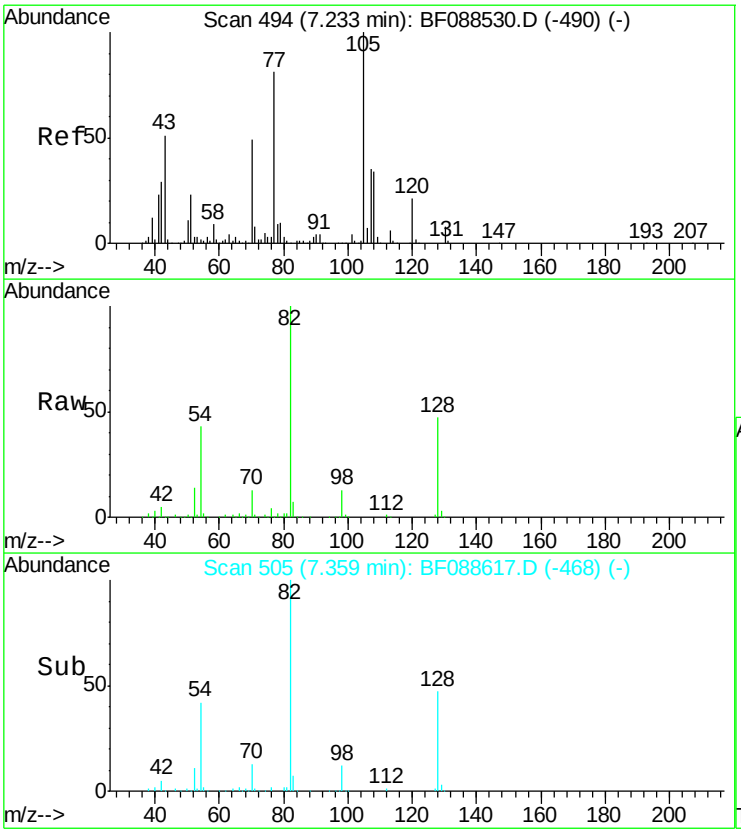
#7
Phenol-d6
Concen: 91.95 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion: 99 Resp: 818701

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.2	18.2
71	36.0	23.4	35.0#

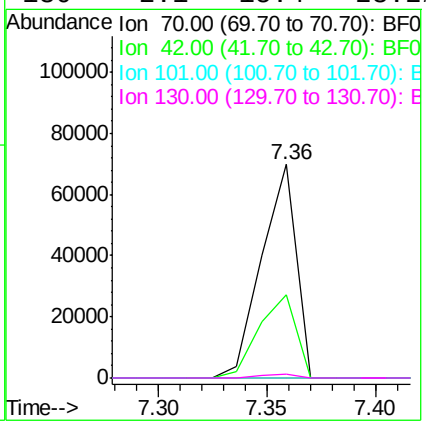


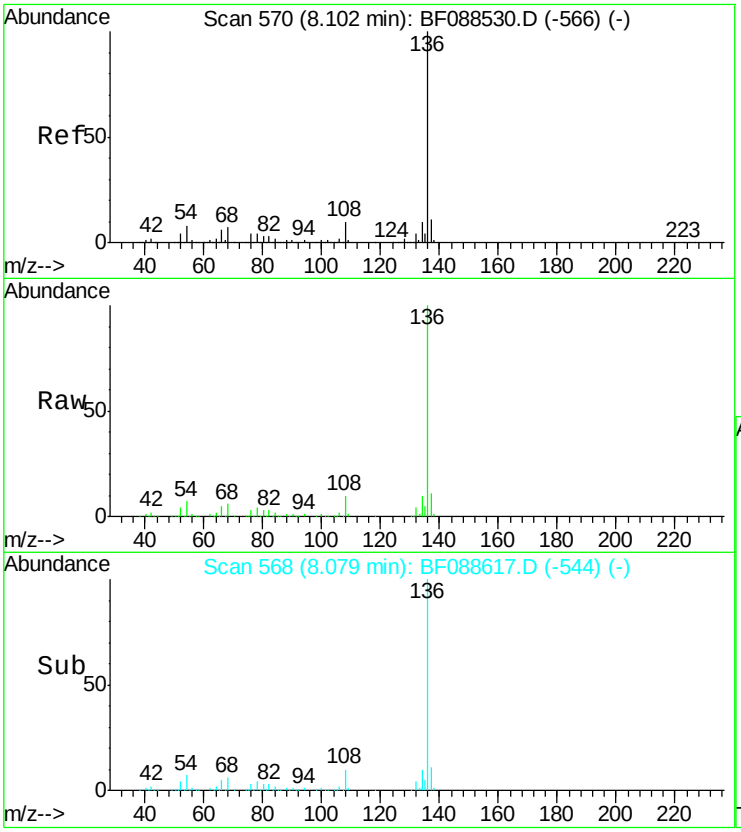


#19
n-Nitroso-di-n-propylamine
Concen: 13.06 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.13 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion: 70 Resp: 78137

Ion	Ratio	Lower	Upper
70	100		
42	38.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



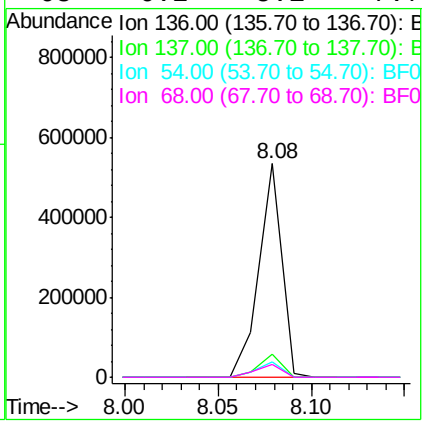


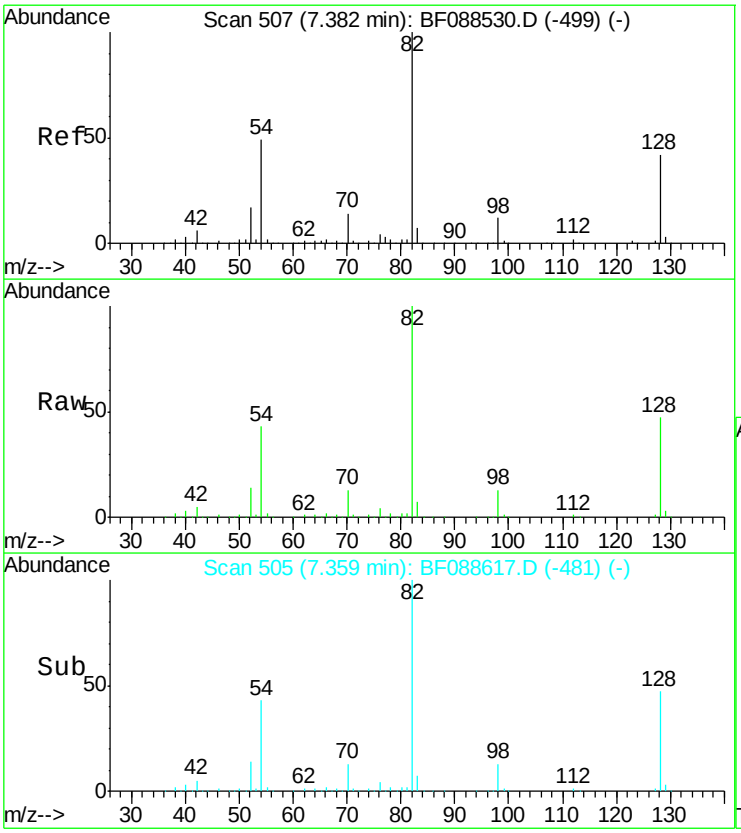
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:136 Resp: 451675

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.0	6.6	10.0
68	6.2	5.1	7.7

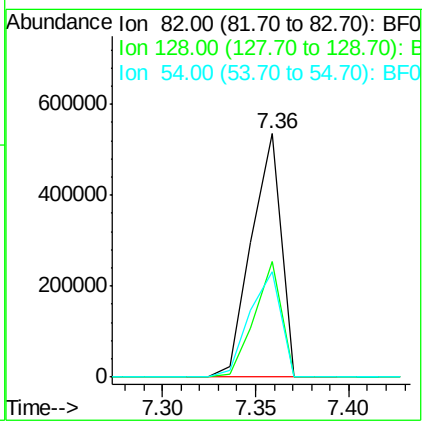


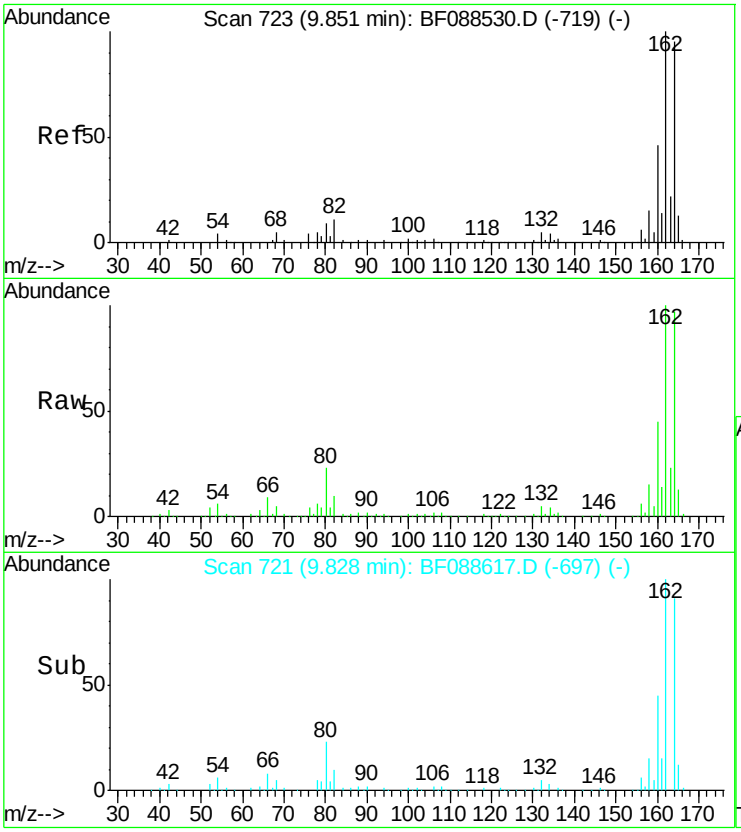


#23
Nitrobenzene-d5
Concen: 68.21 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion: 82 Resp: 587875

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.9	53.9
54	43.2	40.9	61.3



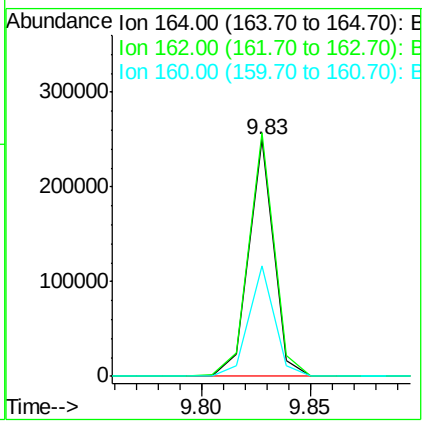


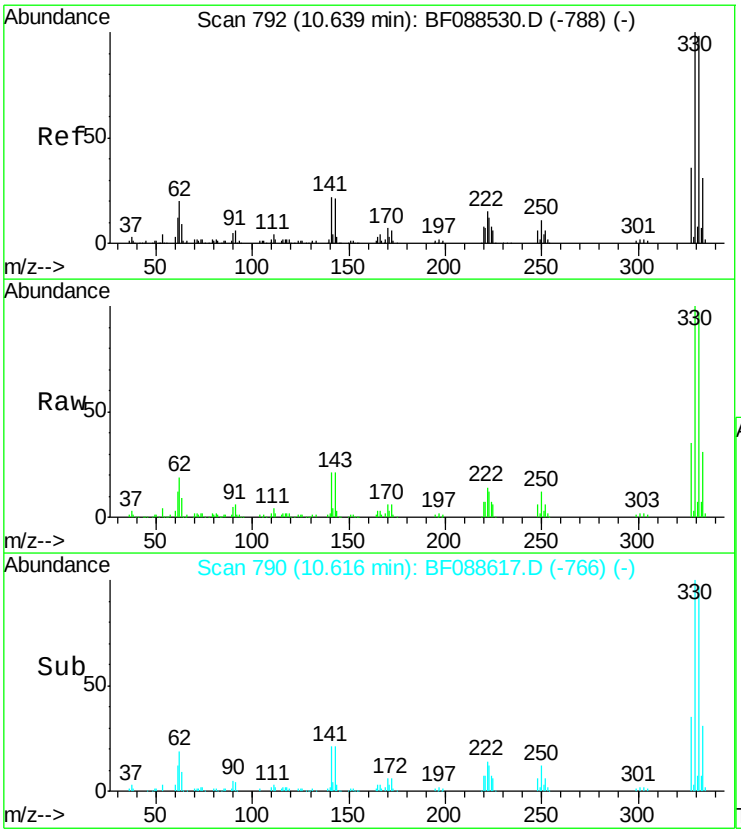
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:164 Resp: 198650

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.4	128.2
160	46.5	39.5	59.3

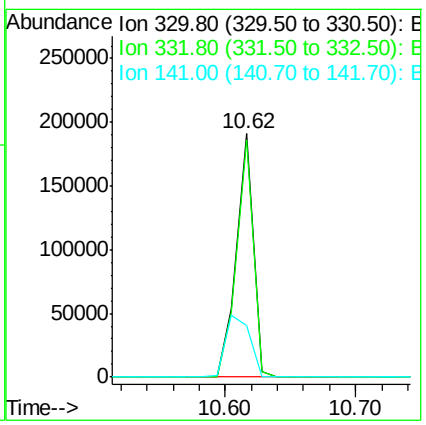


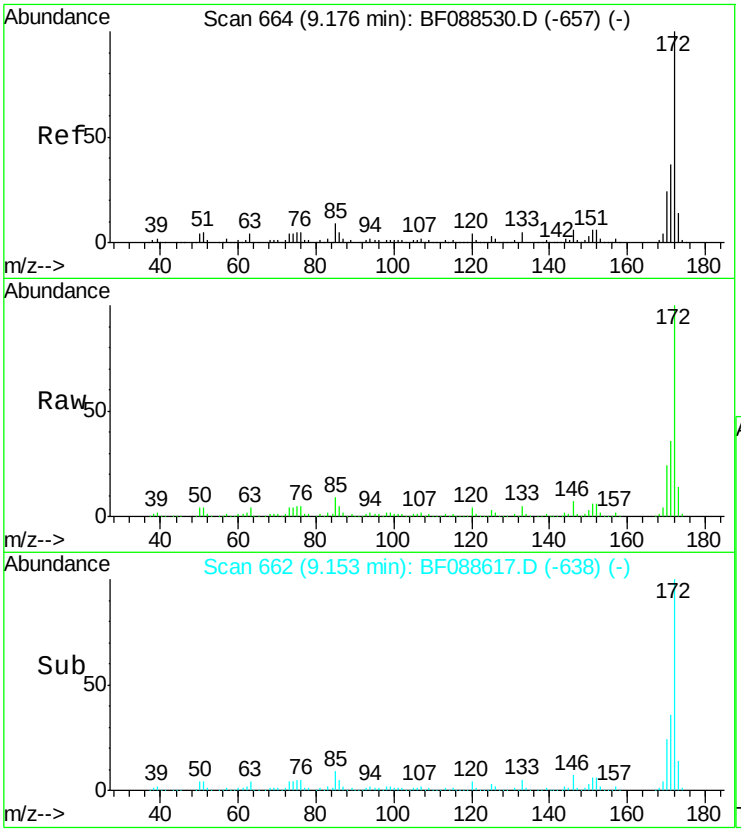


#41
2,4,6-Tribromophenol
Concen: 93.14 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:330 Resp: 171816

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	36.2	0.0	0.0#



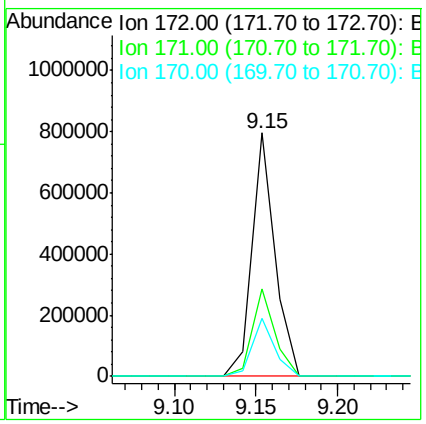


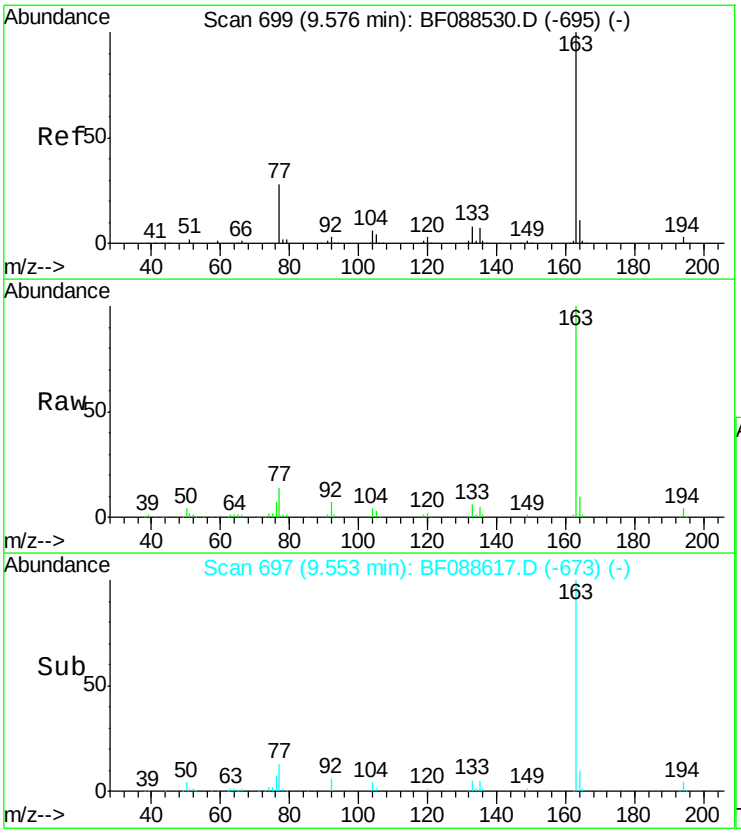
#44
2-Fluorobiphenyl
Concen: 61.70 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:172 Resp: 775895

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	19.2	28.8

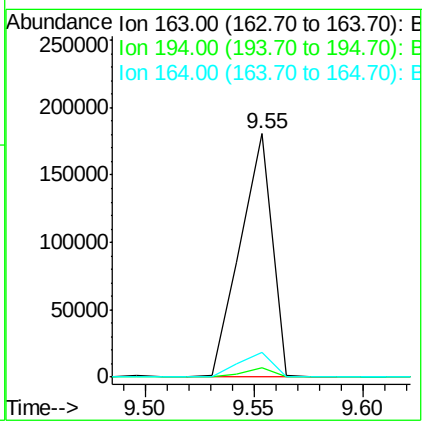


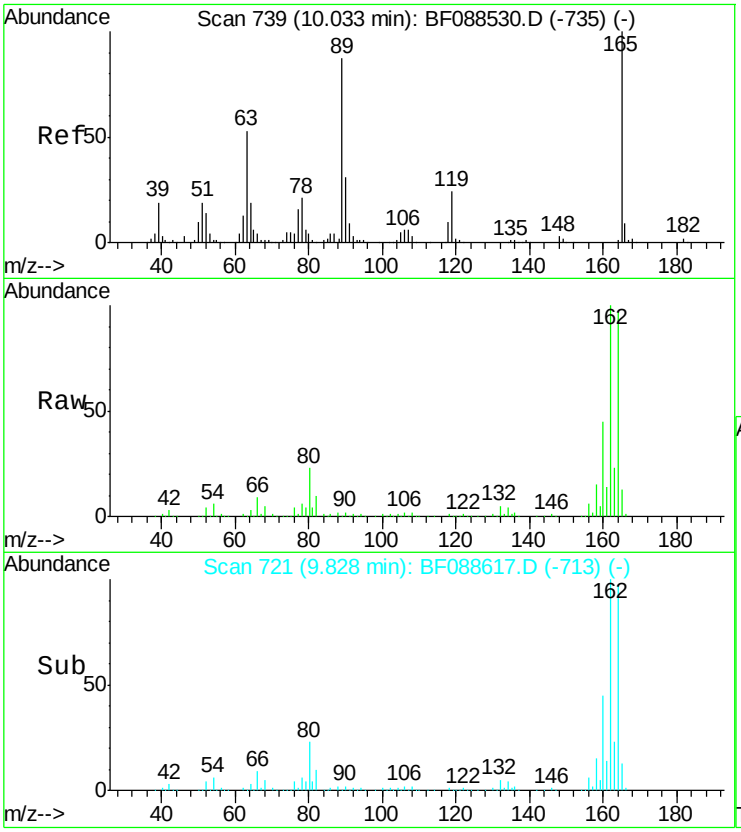


#49
Dimethylphthalate
Concen: 13.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:163 Resp: 183983

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.0	8.3	12.5



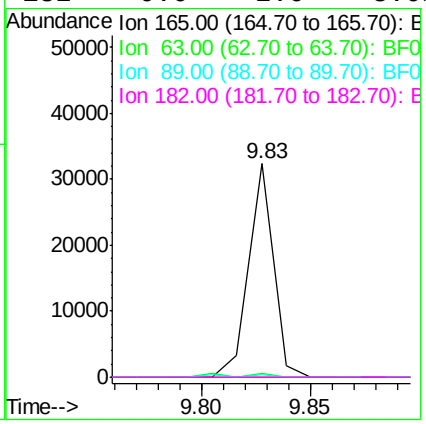


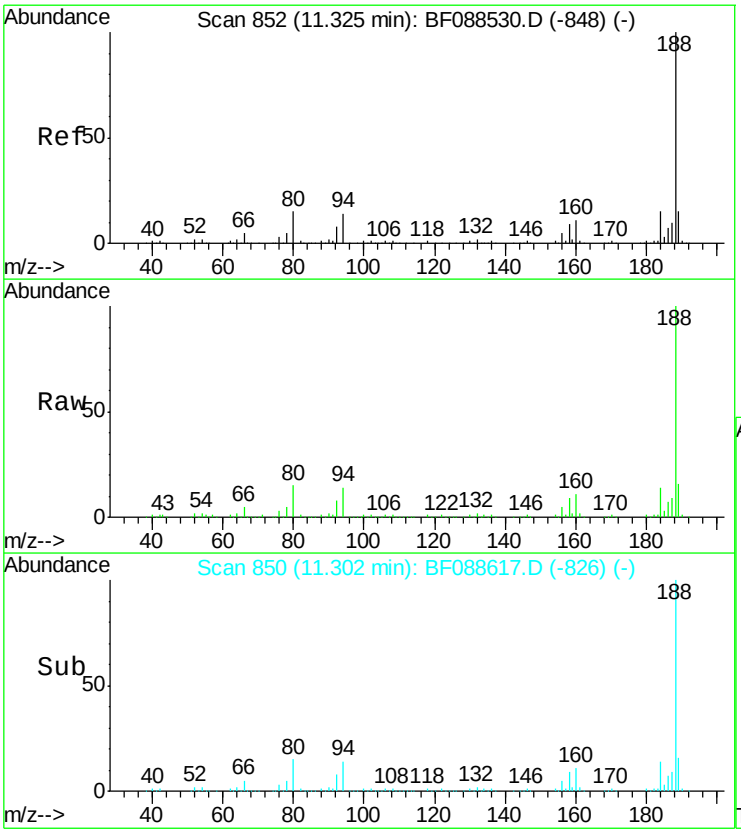
#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:165 Resp: 25718

Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

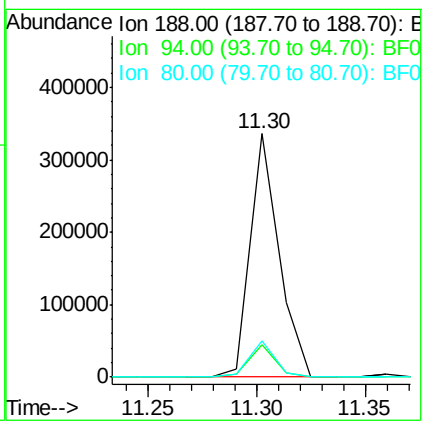


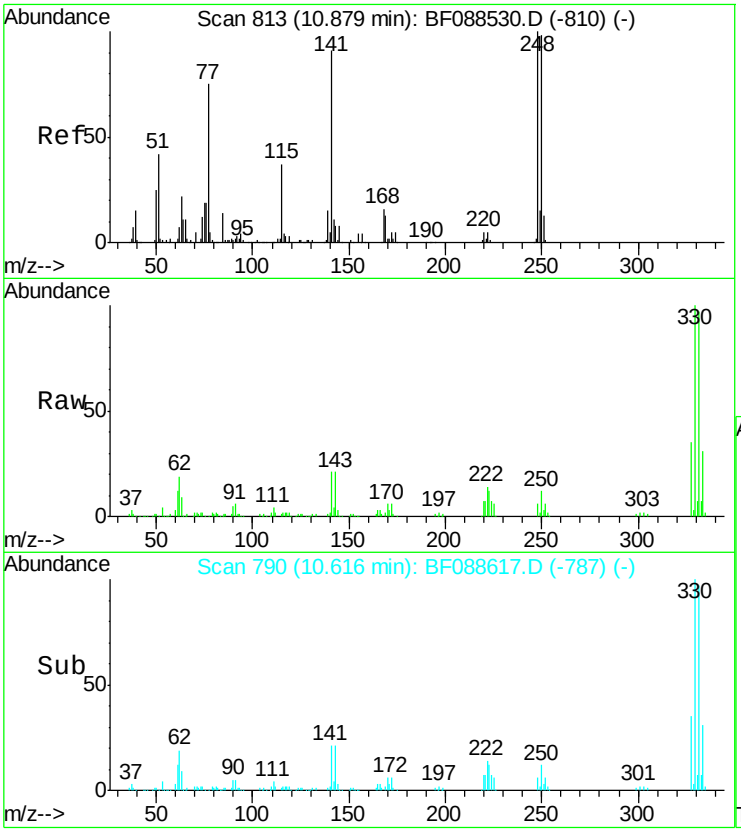


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:188 Resp: 309426

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



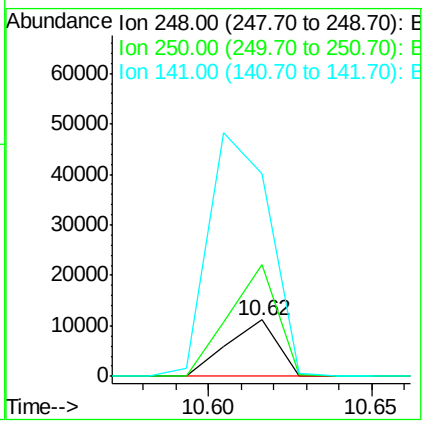


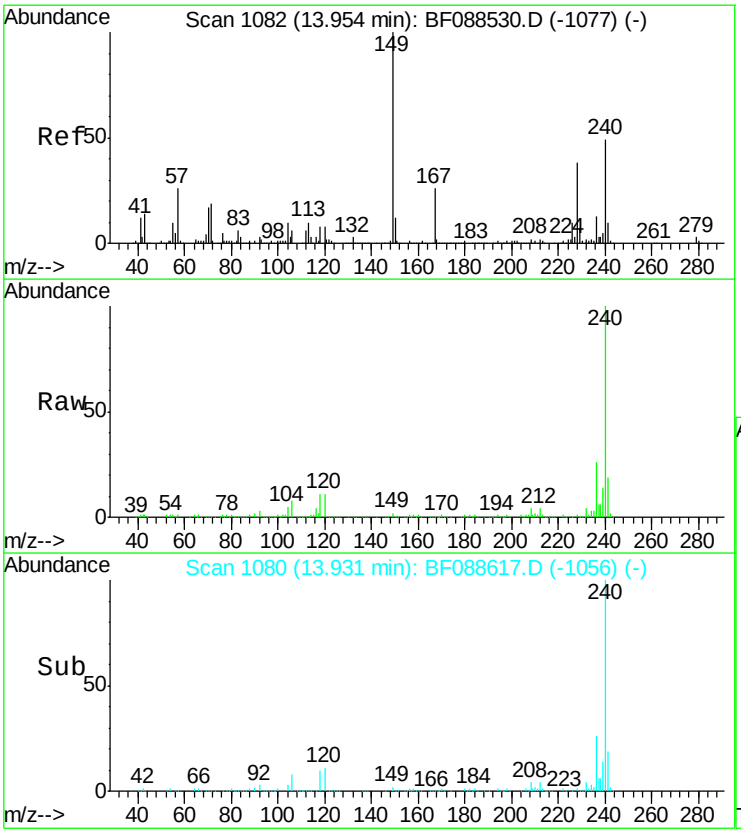
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:248 Resp: 11606

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.1	115.7#
141	360.0	50.6	76.0#

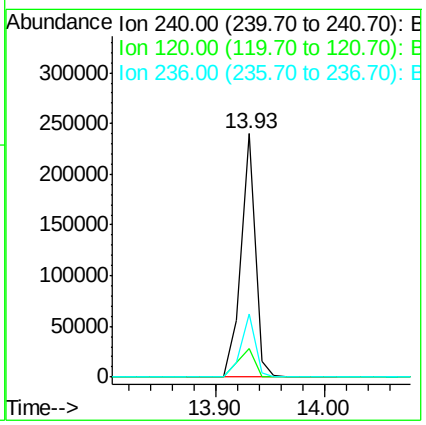


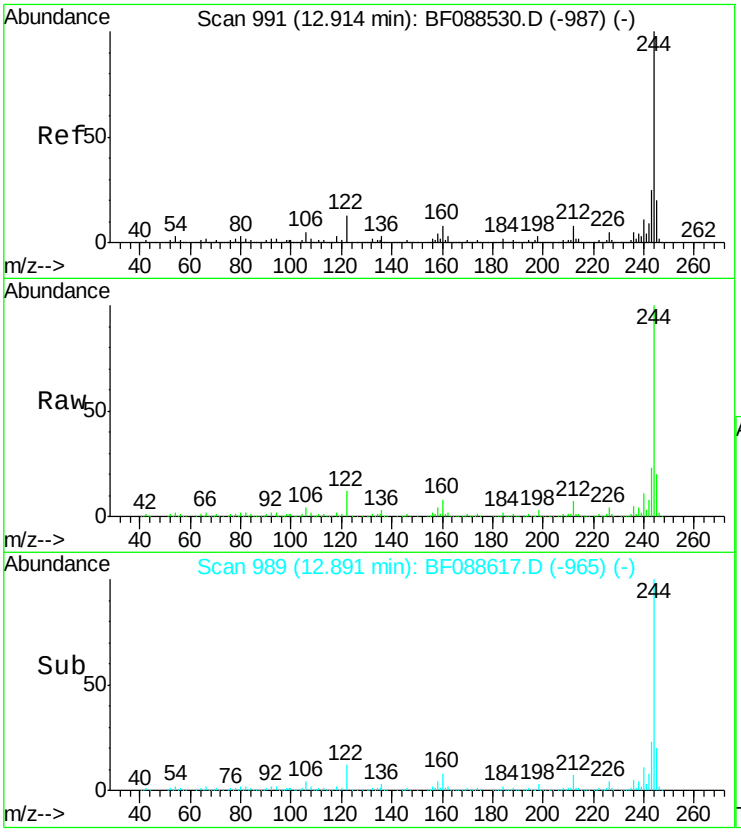


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:240 Resp: 216174

Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.8	10.2#
236	26.1	20.2	30.2



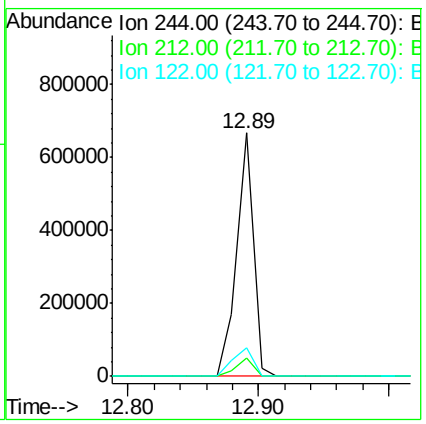


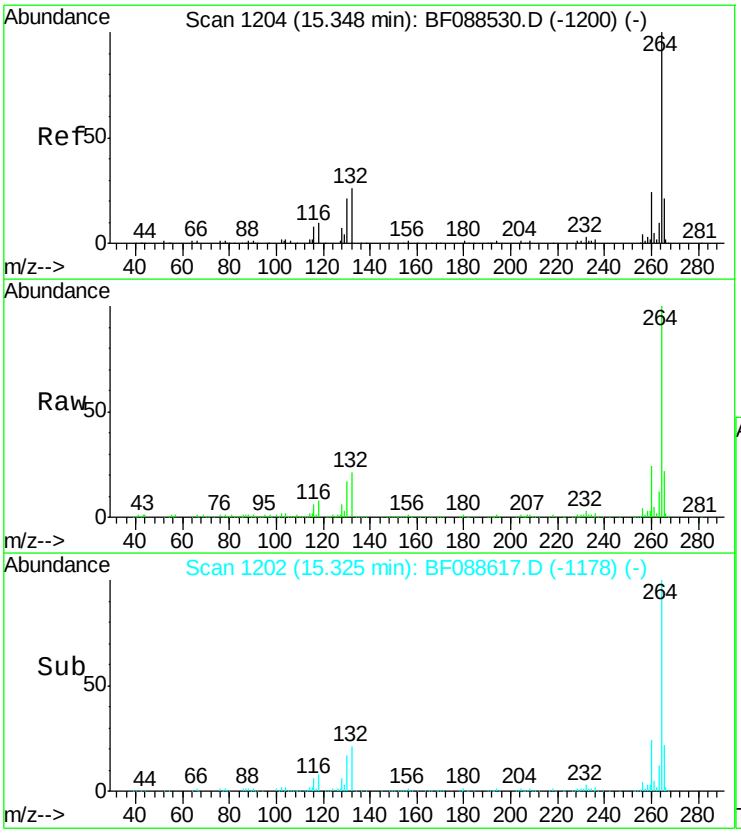
#78
Terphenyl-d14
Concen: 60.87 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

Tgt Ion:244 Resp: 590732

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.7	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:264 Resp: 226010

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3