Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088749.D
Acq On : 6 Jul 2016 22:28
Operator : UM/SJ
Sample : H3878-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C1.2-02

Quant Time: Jul 07 01:07:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85157	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	390229	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	185303	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	356866	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	255709	20.00	ng	-0.05
86) Perylene-d12	15.26	264	193530	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	523295	92.10	ng	-0.03
7) Phenol-d6	6.39	99	761264	103.69	ng	-0.02
23) Nitrobenzene-d5	7.31	82	482765	64.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	153833	89.40	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	736426	62.78	ng	-0.03
78) Terphenyl-d14	12.85	244	806443	70.24	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	64784	13.14	ng	# 71
49) Dimethylphthalate	9.51	163	104563	7.92	ng	98
56) 2,4-Dinitrotoluene	9.78	165	23641	6.18	ng	# 38
66) 4-Bromophenyl-phenylether	10.56	248	9085	2.53	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
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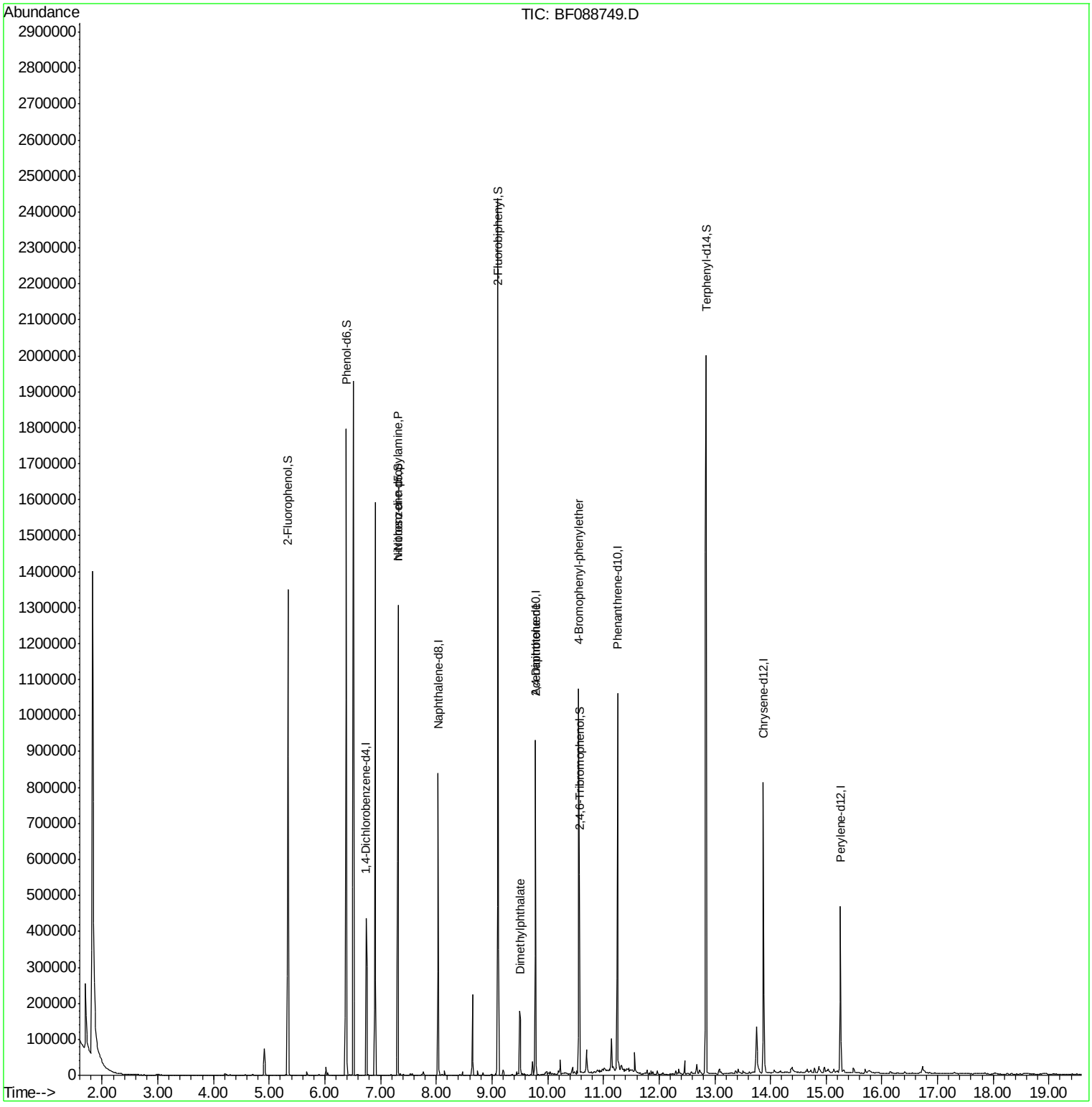
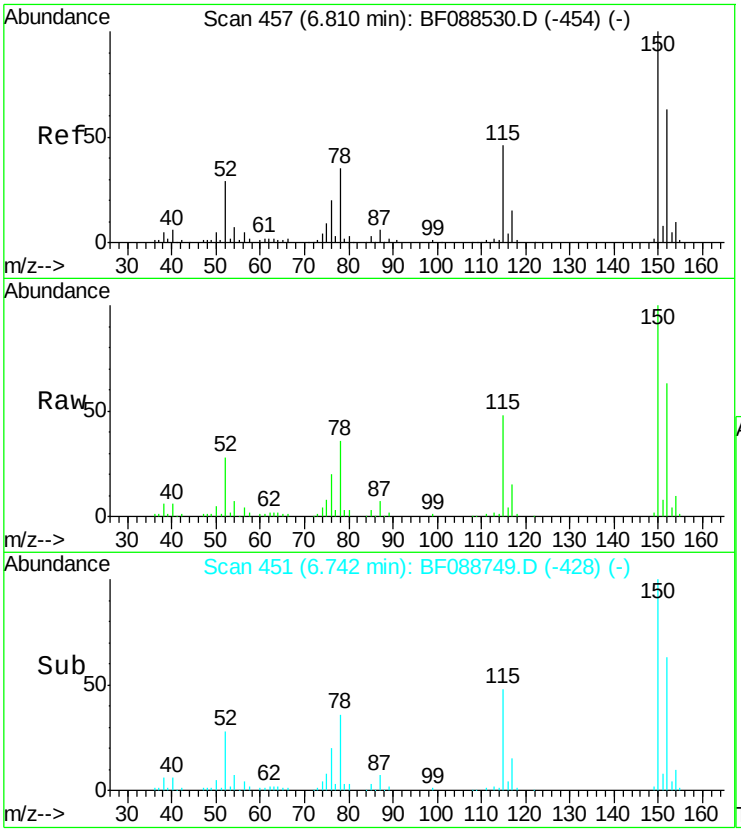


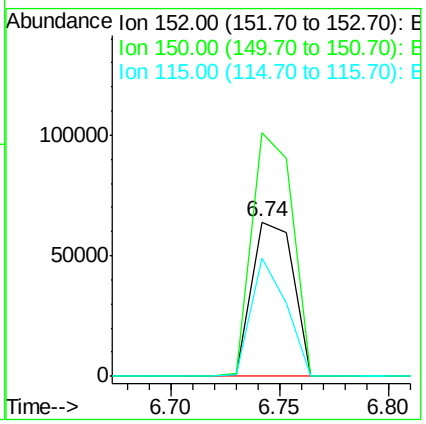


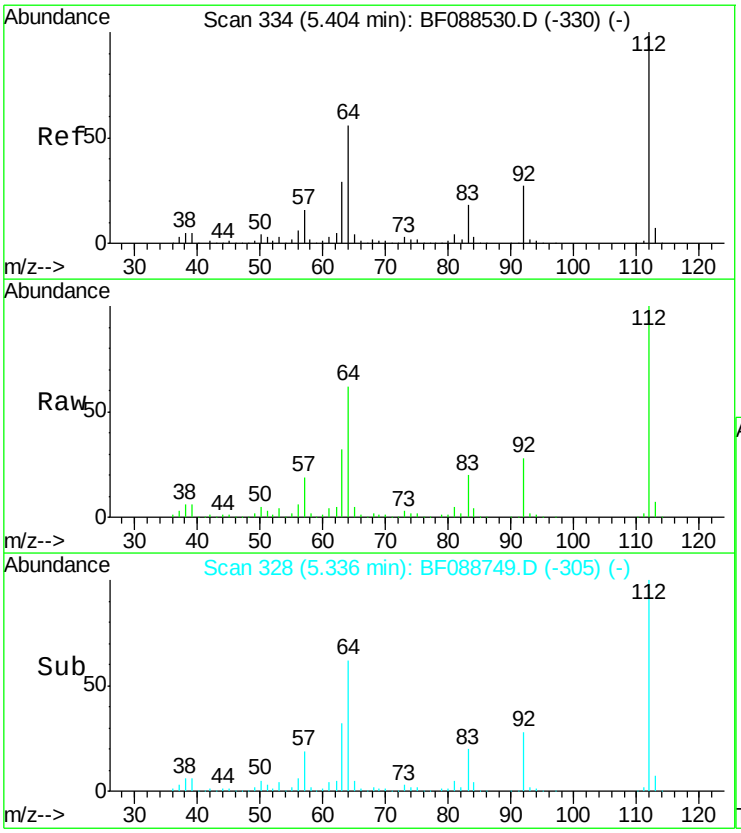
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:152 Resp: 85157

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.8	185.6
115	76.4	39.6	59.4#

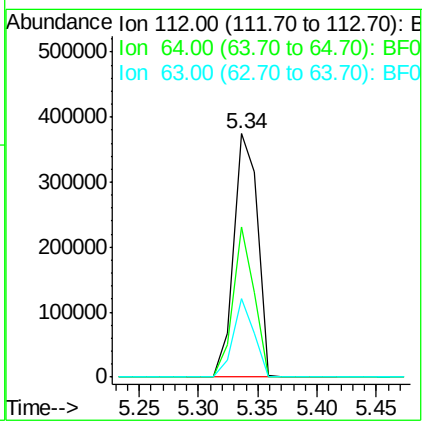


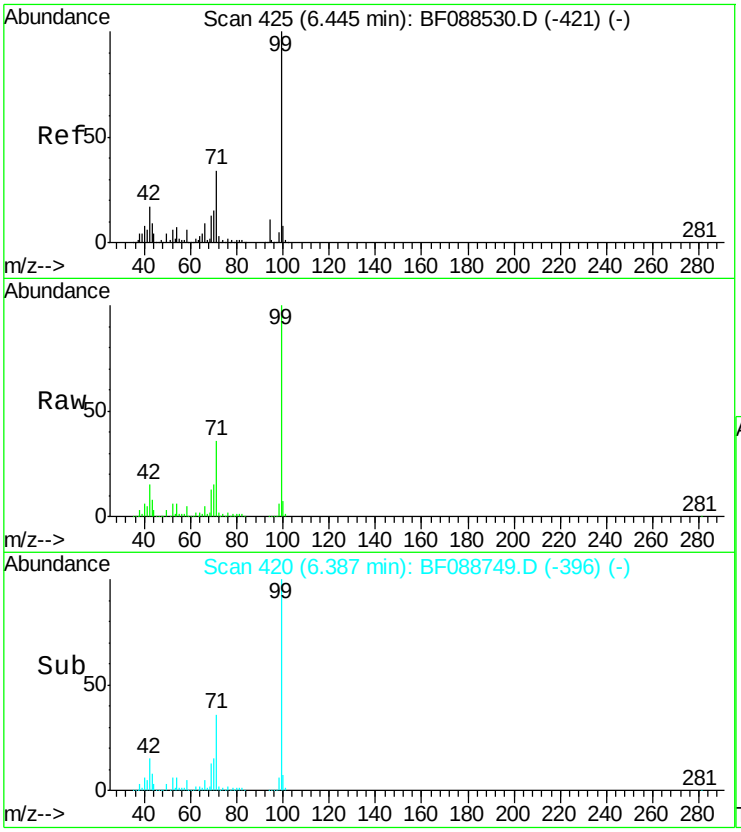


#5
2-Fluorophenol
Concen: 92.10 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion:112 Resp: 523295

Ion	Ratio	Lower	Upper
112	100		
64	61.7	42.2	63.2
63	32.2	21.8	32.8



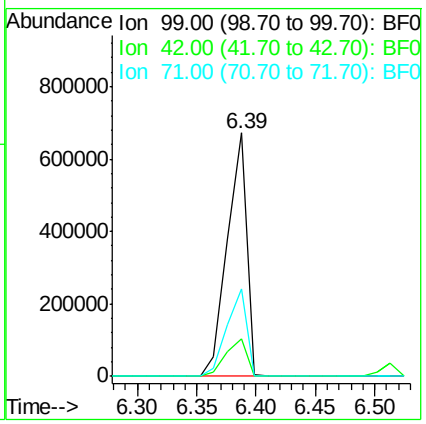


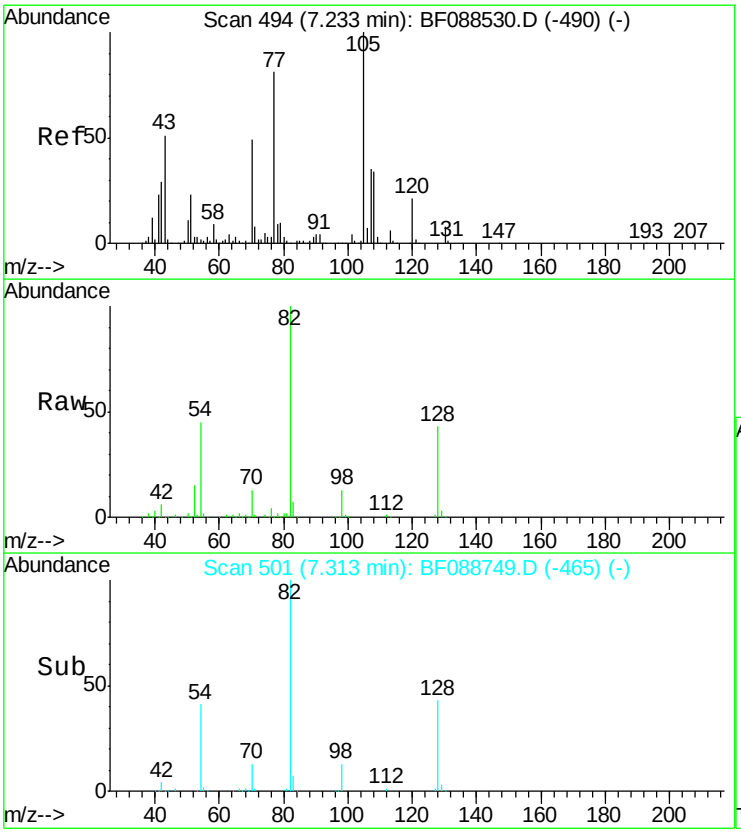
#7
Phenol-d6
Concen: 103.69 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion: 99 Resp: 761264

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	35.8	23.4	35.0#

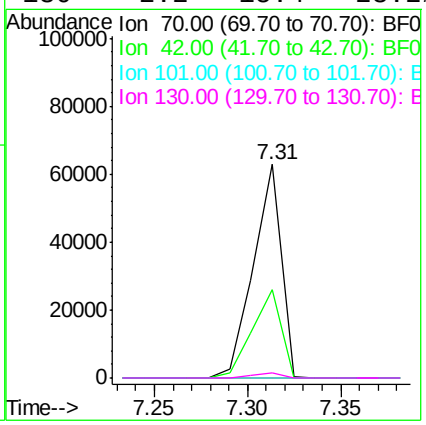


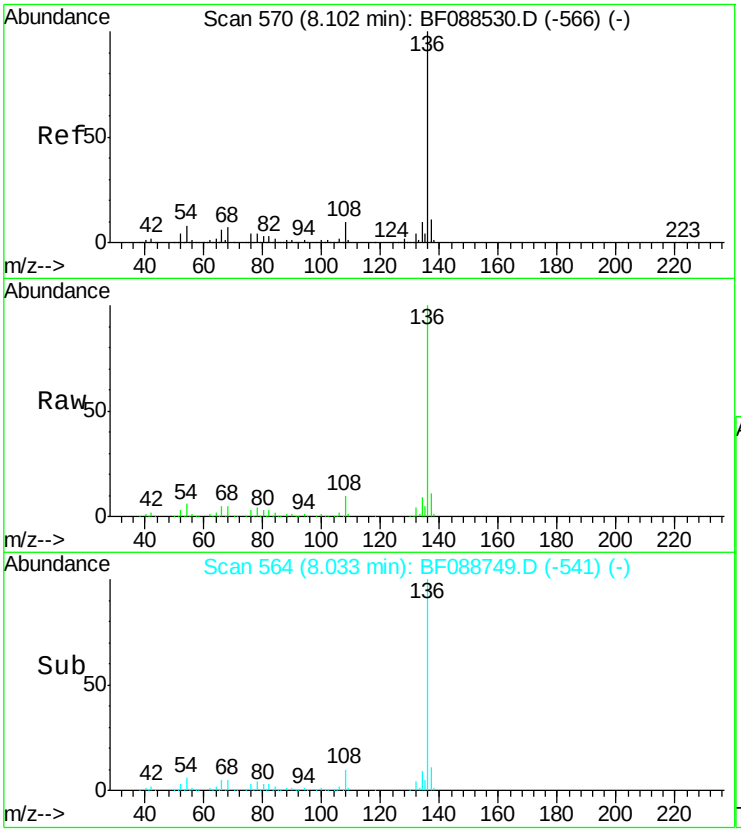


#19
n-Nitroso-di-n-propylamine
Concen: 13.14 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.11 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion: 70 Resp: 64784

Ion	Ratio	Lower	Upper
70	100		
42	41.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



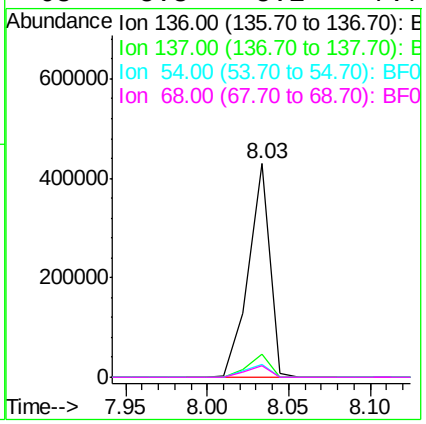


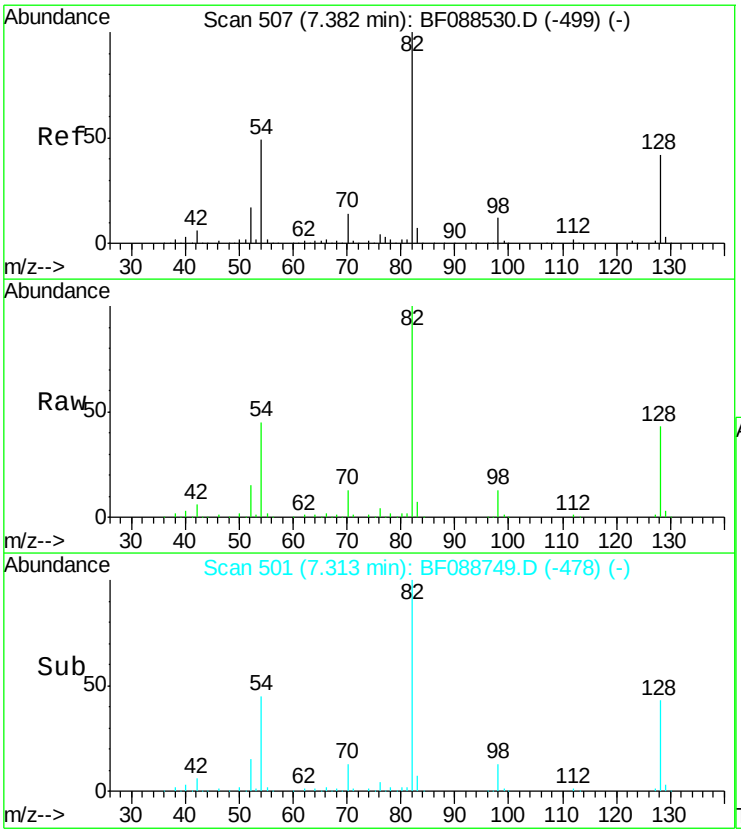
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:136 Resp: 390229

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.0	6.6	10.0#
68	5.3	5.1	7.7

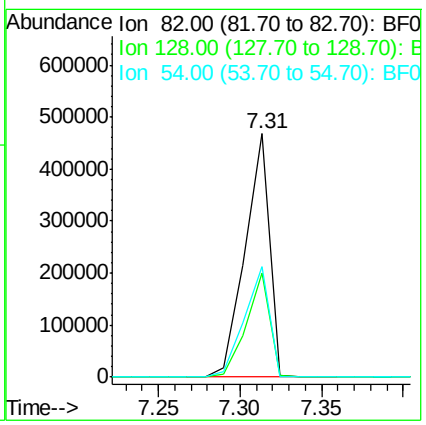


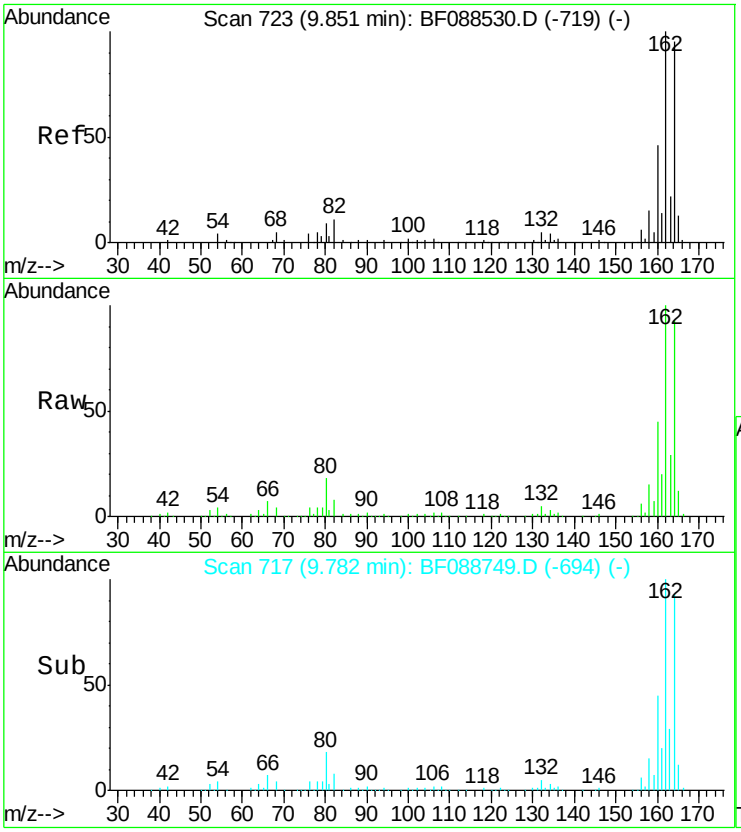


#23
Nitrobenzene-d5
Concen: 64.83 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion: 82 Resp: 482765

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.9	53.9
54	45.2	40.9	61.3



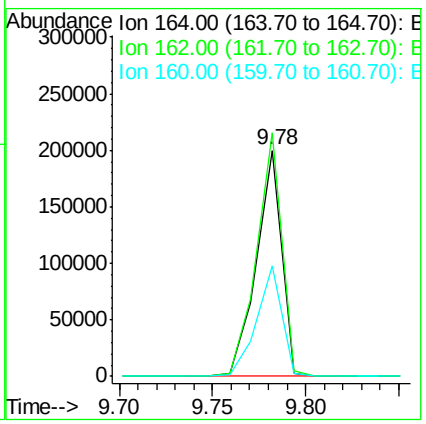


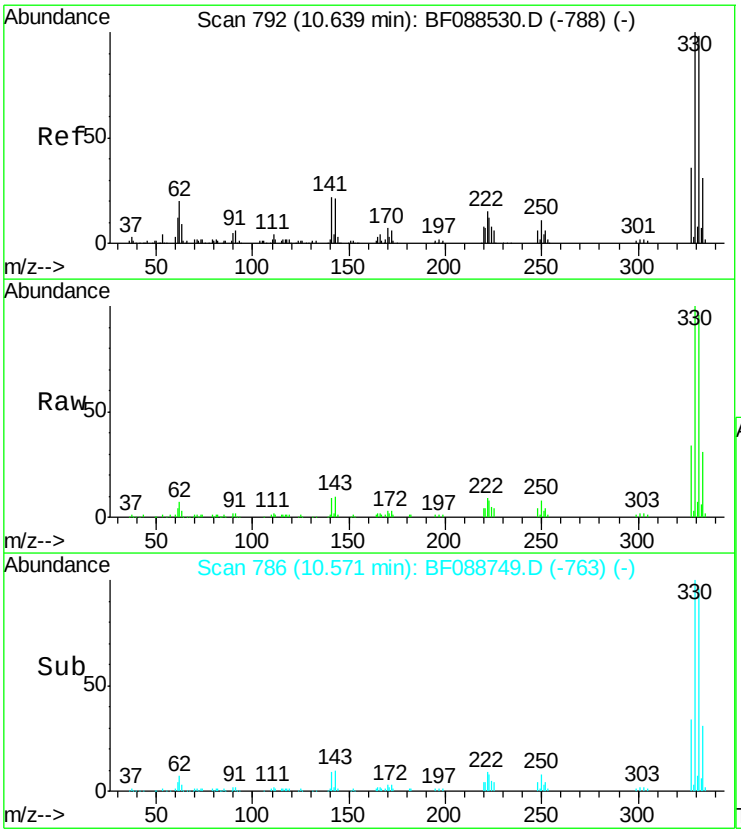
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:164 Resp: 185303

Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.4	128.2
160	48.8	39.5	59.3

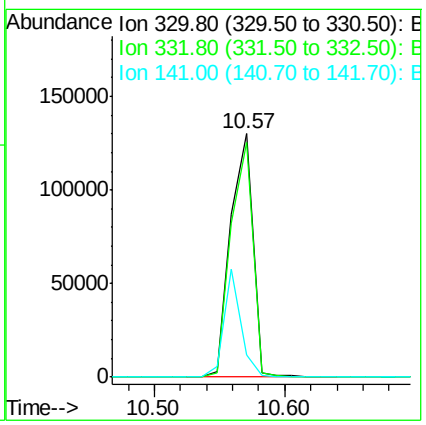


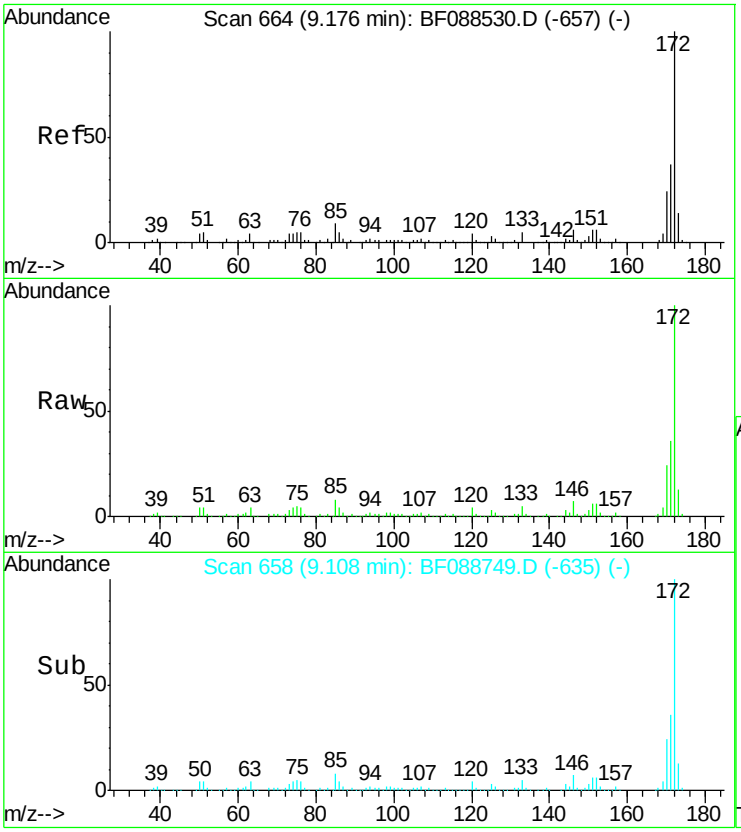


#41
2,4,6-Tribromophenol
Concen: 89.40 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion:330 Resp: 153833

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	34.3	0.0	0.0#



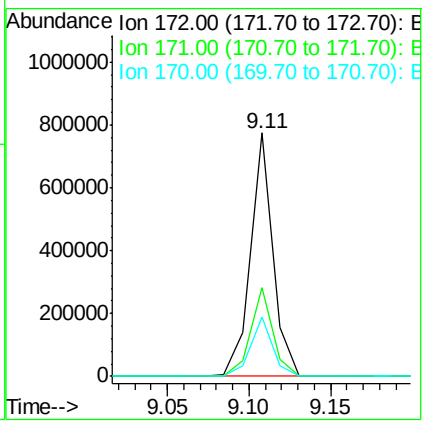


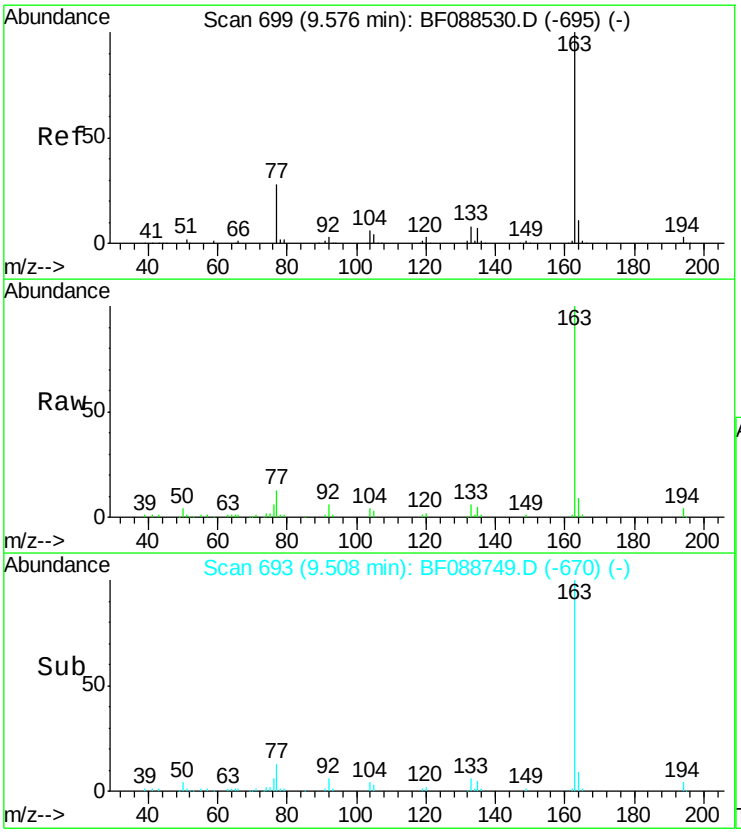
#44
2-Fluorobiphenyl
Concen: 62.78 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:172 Resp: 736426

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

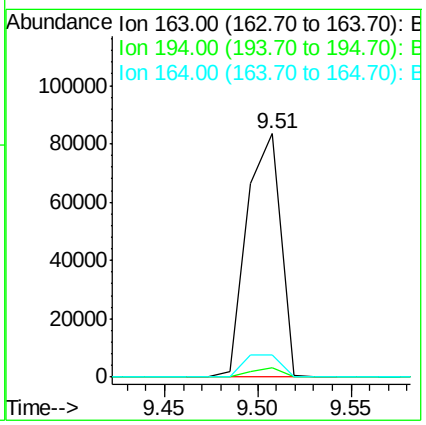


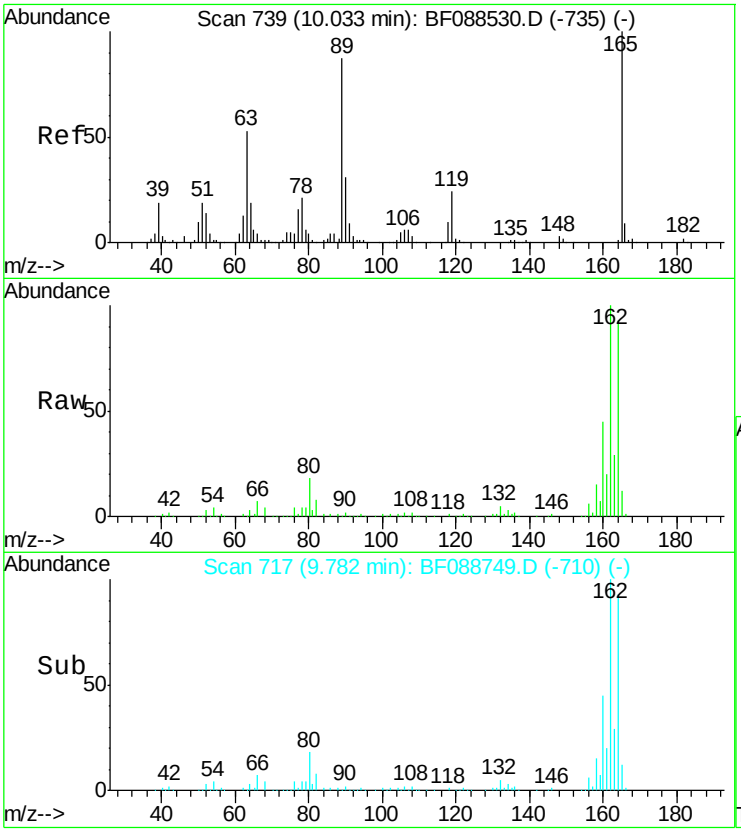


#49
Dimethylphthalate
Concen: 7.92 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion:163 Resp: 104563

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.3	8.3	12.5



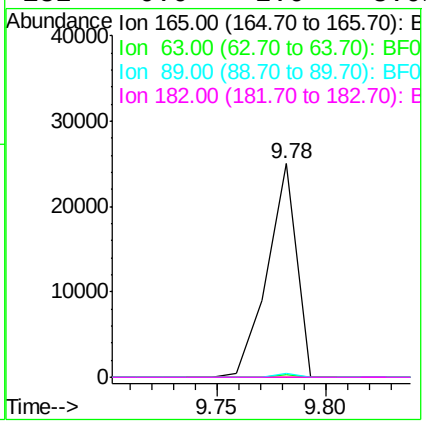


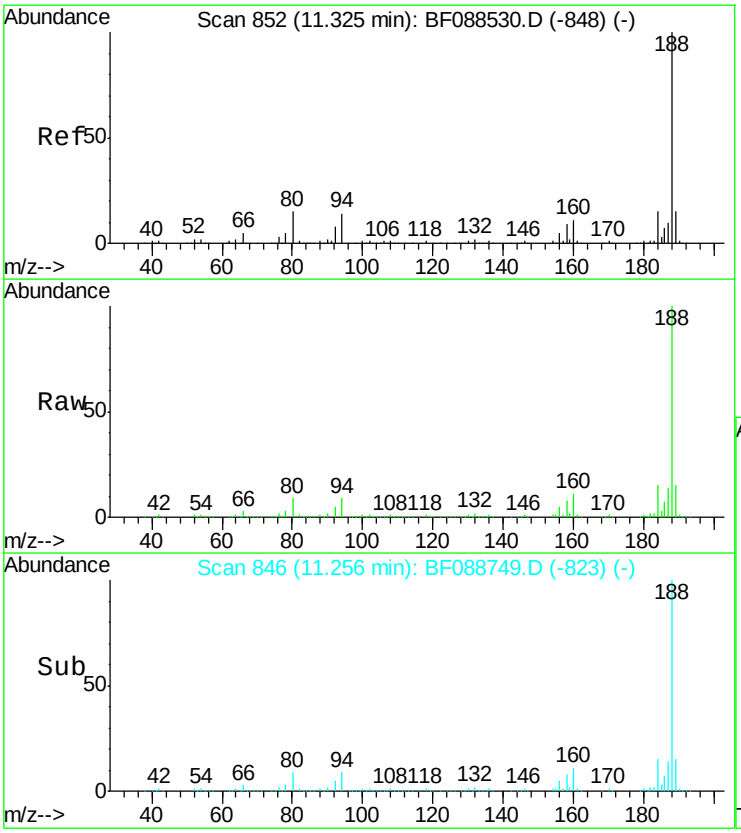
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.22 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:165 Resp: 23641

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

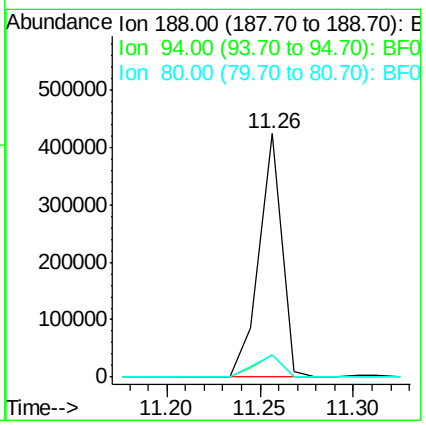


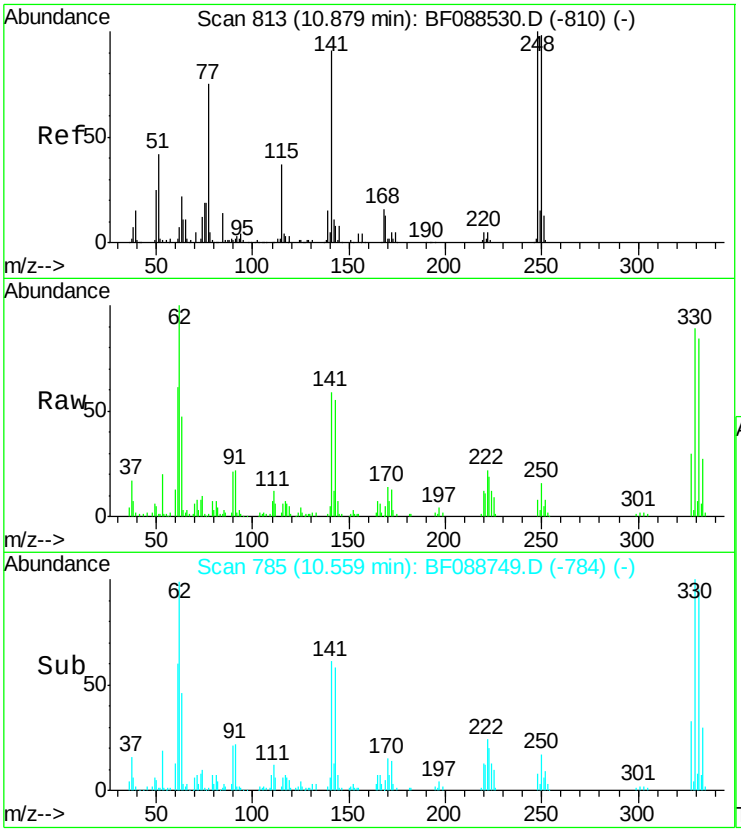


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion:188 Resp: 356866

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.6#
80	9.4	10.0	15.0#



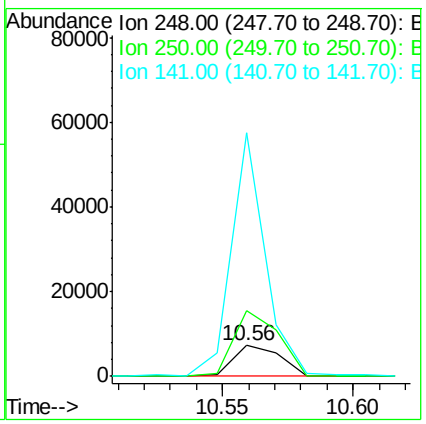


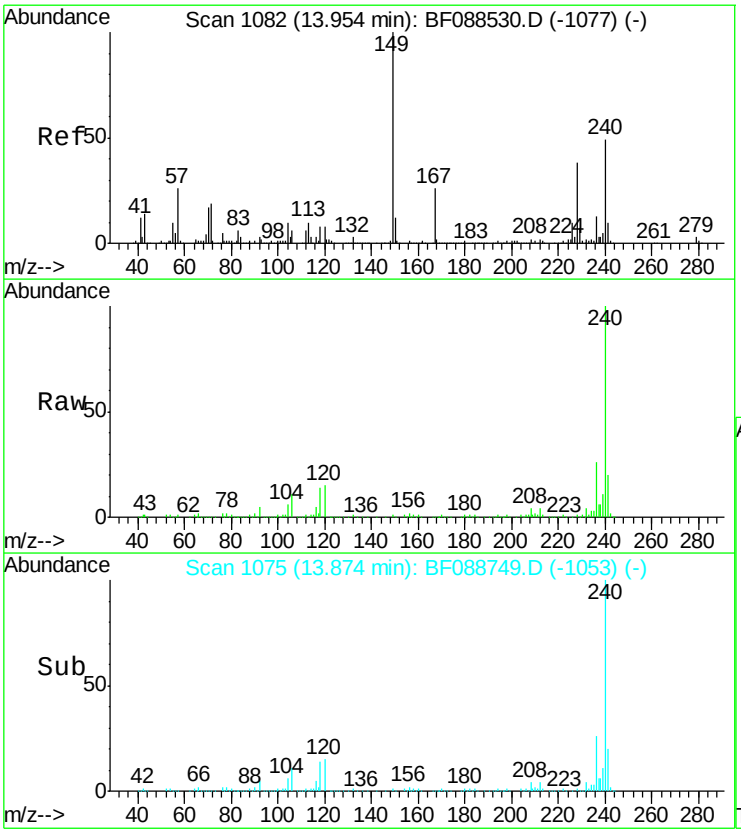
#66
4-Bromophenyl-phenylether
Concen: 2.53 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:248 Resp: 9085

Ion	Ratio	Lower	Upper
248	100		
250	210.0	77.1	115.7#
141	782.8	50.6	76.0#

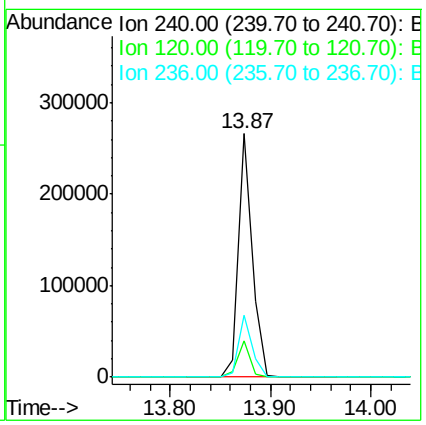


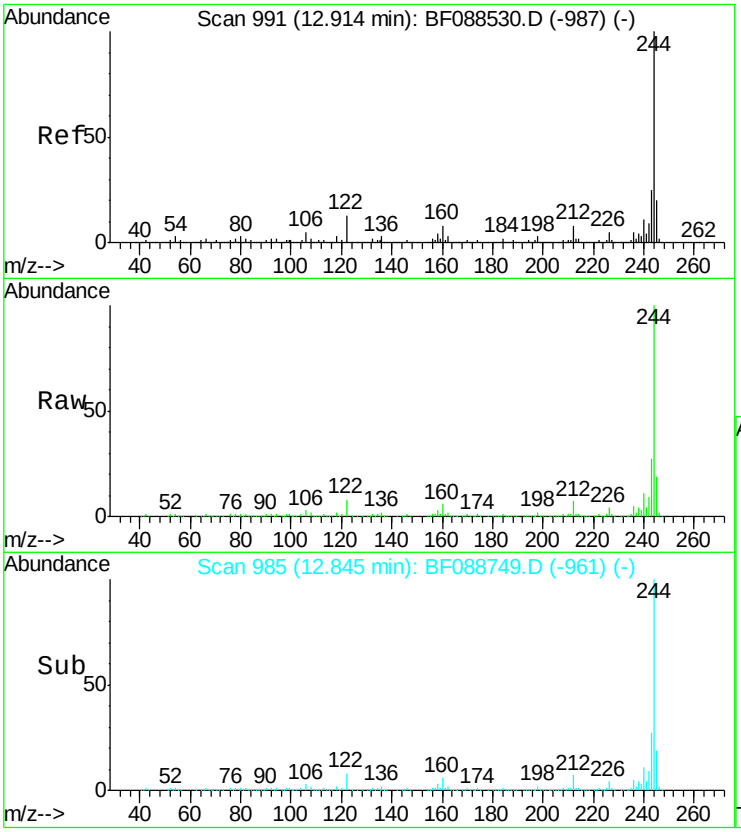


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.05 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion:240 Resp: 255709

Ion	Ratio	Lower	Upper
240	100		
120	14.9	6.8	10.2#
236	25.6	20.2	30.2



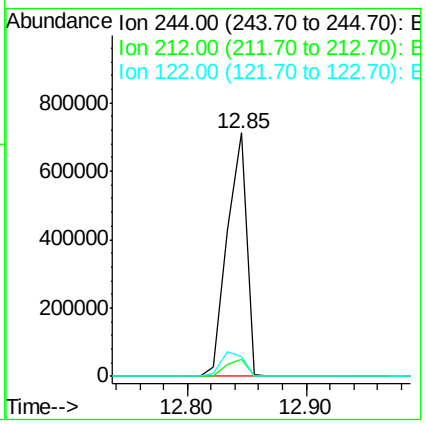


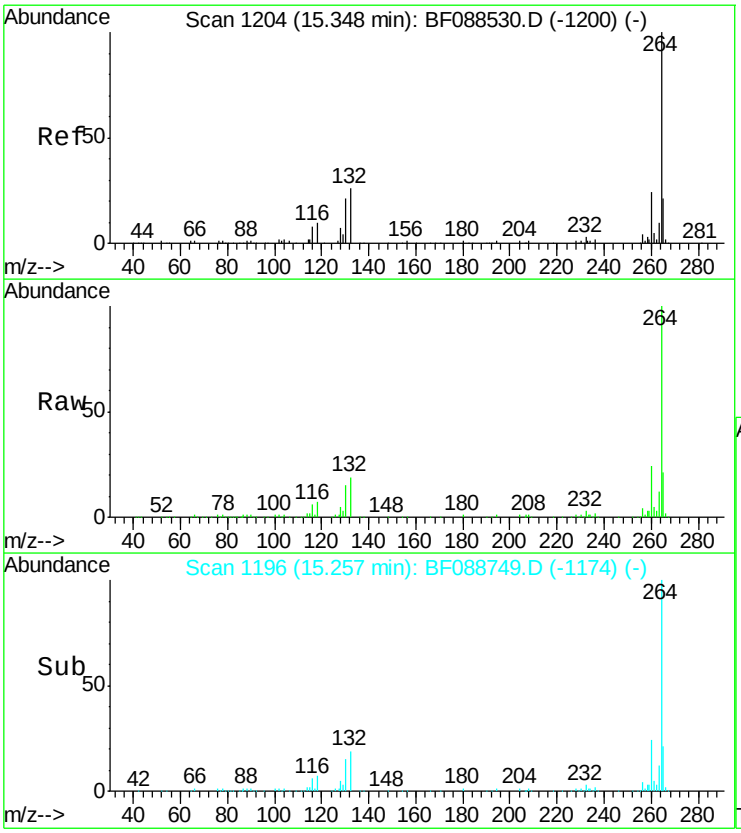
#78
Terphenyl-d14
Concen: 70.24 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
C1.2-02

Tgt Ion:244 Resp: 806443

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	8.2	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088749.D
Acq: 6 Jul 2016 22:28

Tgt Ion:264 Resp: 193530

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	16.9	25.3