Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088621.D
Acq On : 2 Jul 2016 17:09
Operator : UM/SJ
Sample : H3871-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K8-B1(0-12)C

Quant Time: Jul 03 03:03:49 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	6.80	152	104523	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	432468	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	179114	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	260139	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	210488	20.00	ng	-0.02
86) Perylene-d12	15.33	264	208061	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	699748	100.33	ng	-0.02
7) Phenol-d6	6.43	99	999077	110.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	616521	74.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	158649	95.38	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	846746	74.67	ng	-0.02
78) Terphenyl-d14	12.89	244	513924	54.38	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	82902	13.70	ng	# 72
49) Dimethylphthalate	9.55	163	126518	9.91	ng	97
56) 2,4-Dinitrotoluene	9.83	165	23230	6.28	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	11063	4.22	ng	# 1

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

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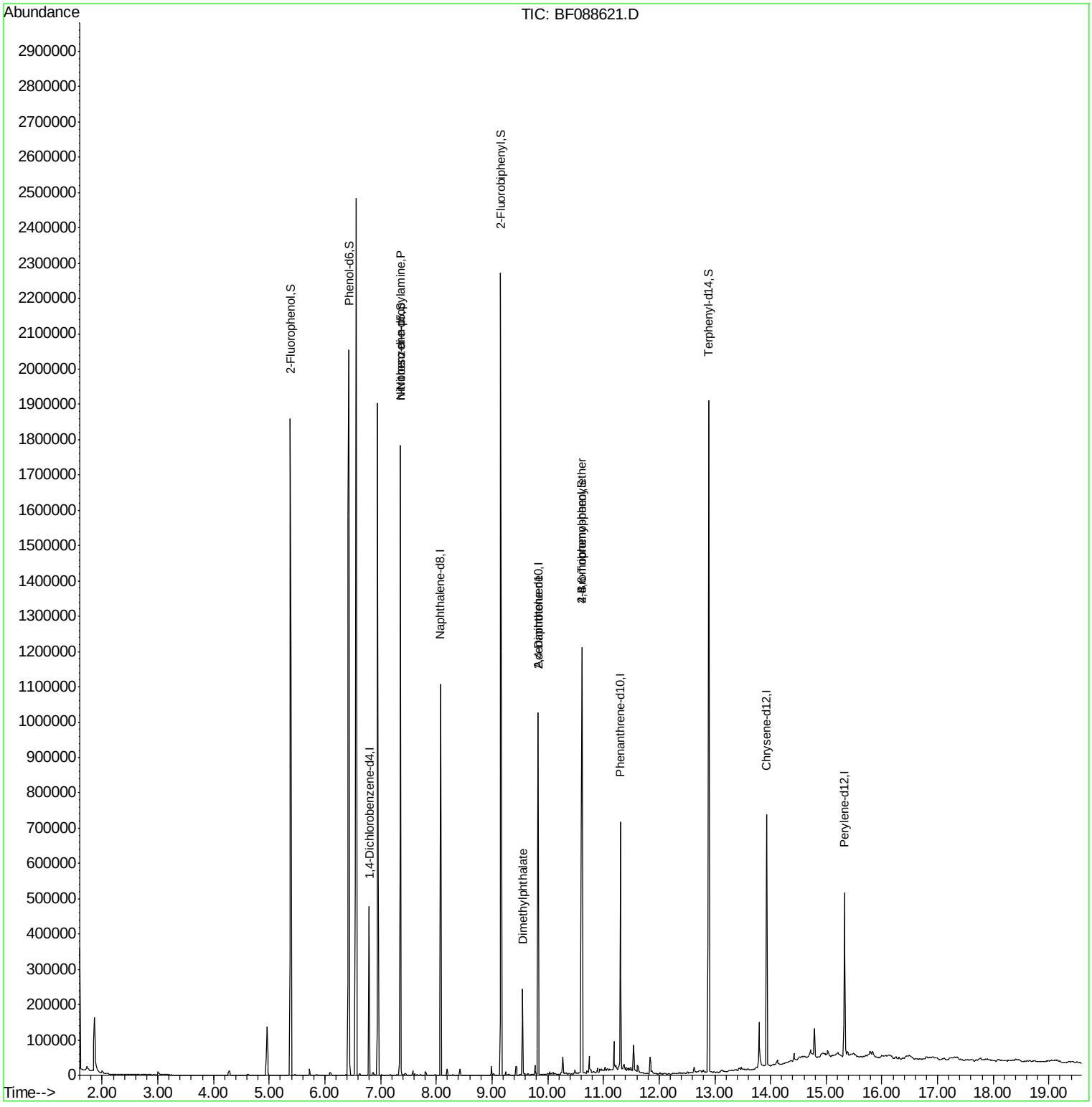
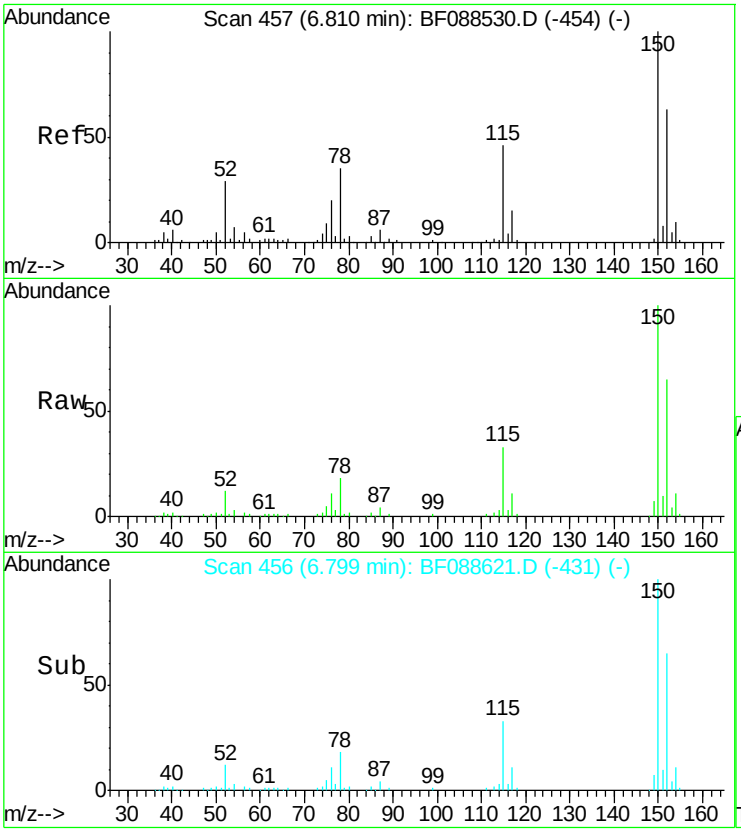


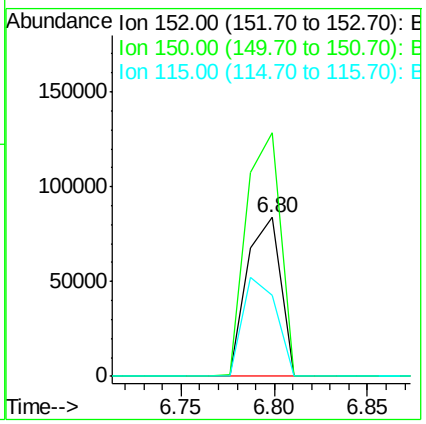


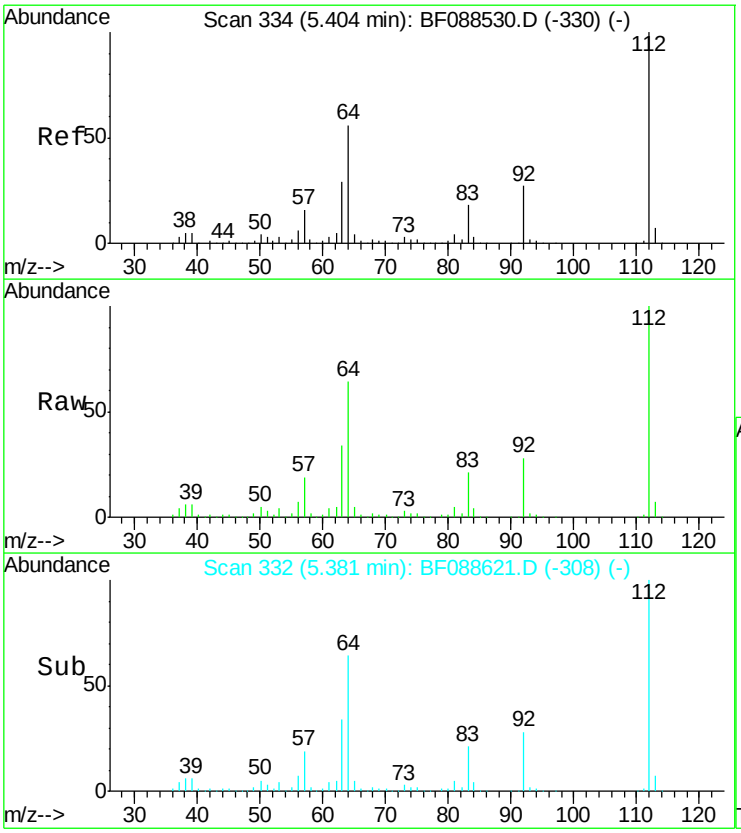
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:152 Resp: 104523

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.6
115	51.3	39.6	59.4

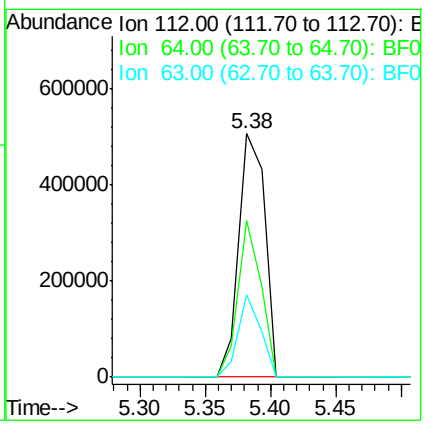


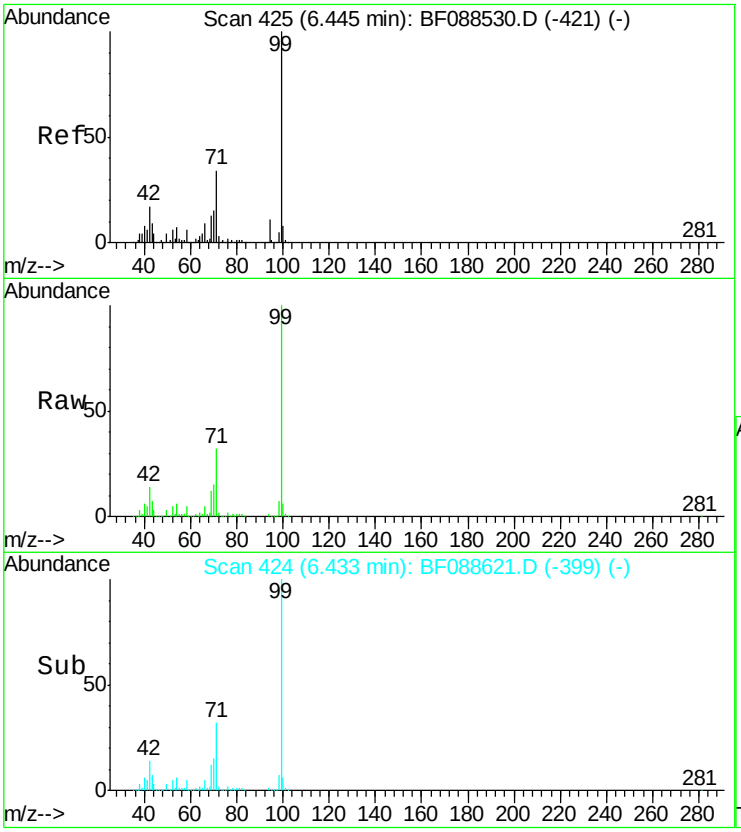


#5
2-Fluorophenol
Concen: 100.33 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion:112 Resp: 699748

Ion	Ratio	Lower	Upper
112	100		
64	64.2	42.2	63.2#
63	33.6	21.8	32.8#



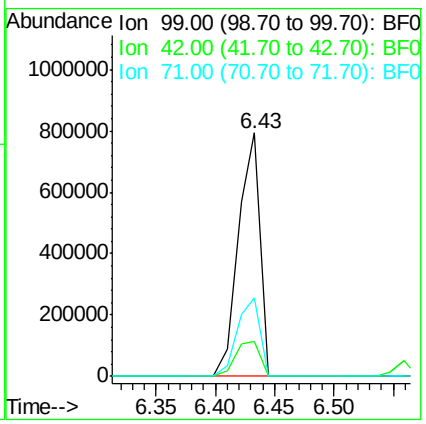


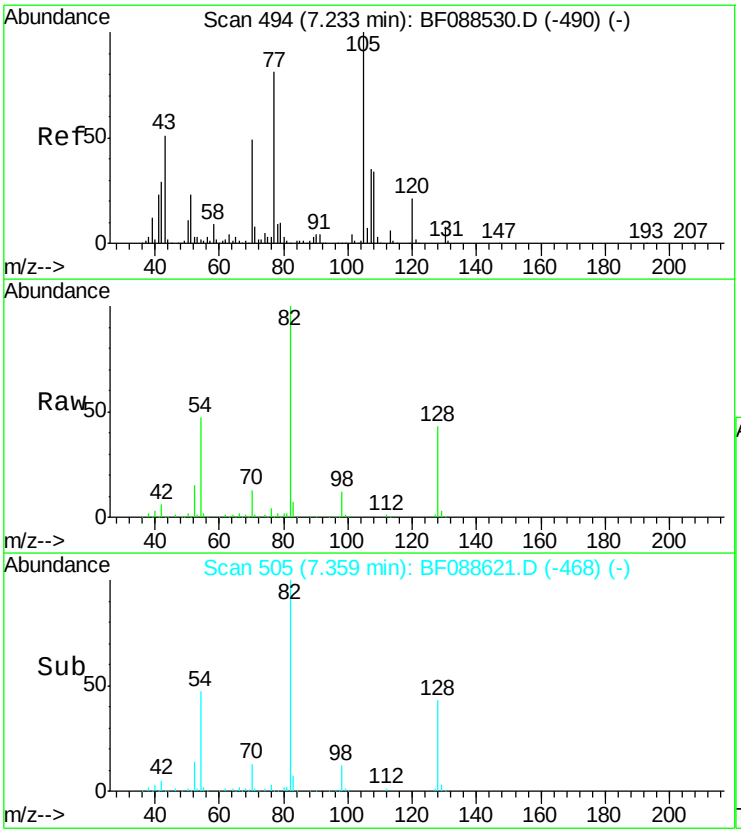
#7
Phenol-d6
Concen: 110.87 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion: 99 Resp: 999077

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.2
71	32.2	23.4	35.0

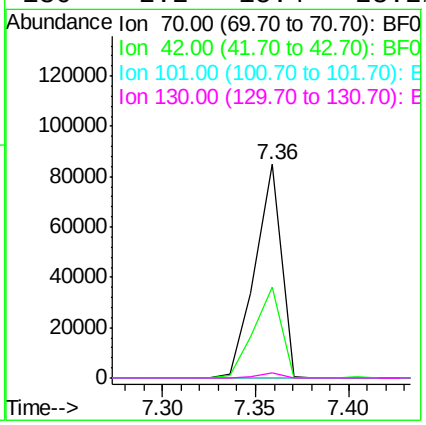


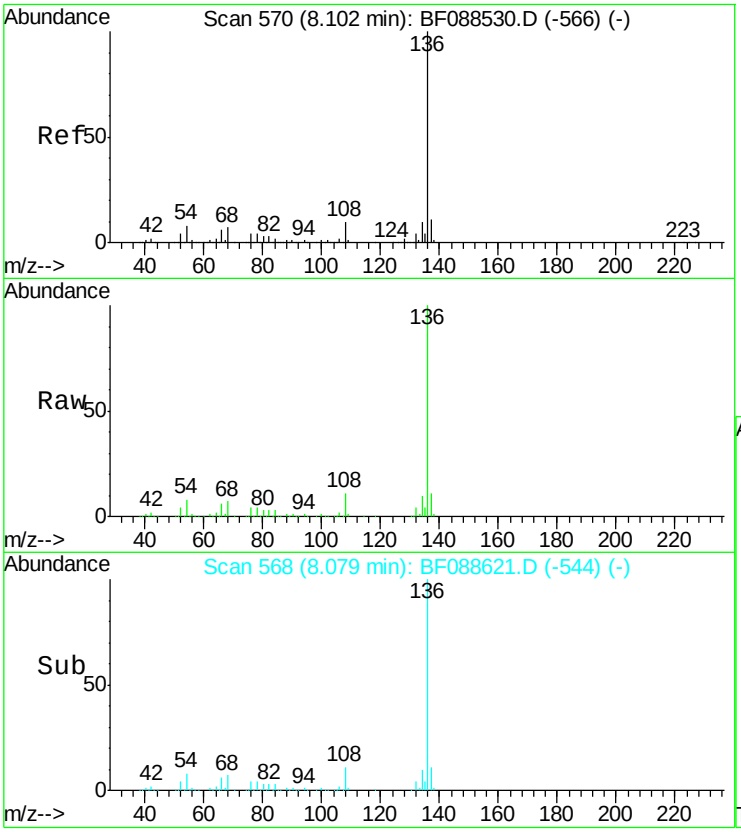


#19
n-Nitroso-di-n-propylamine
Concen: 13.70 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.13 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion: 70 Resp: 82902

Ion	Ratio	Lower	Upper
70	100		
42	42.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



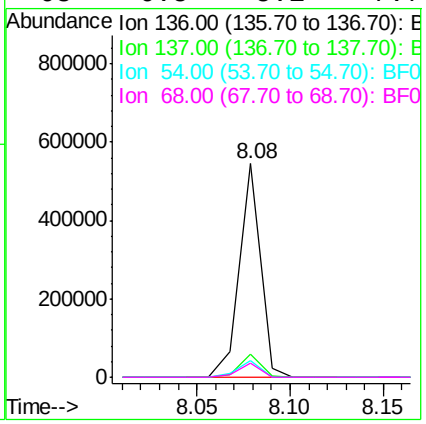


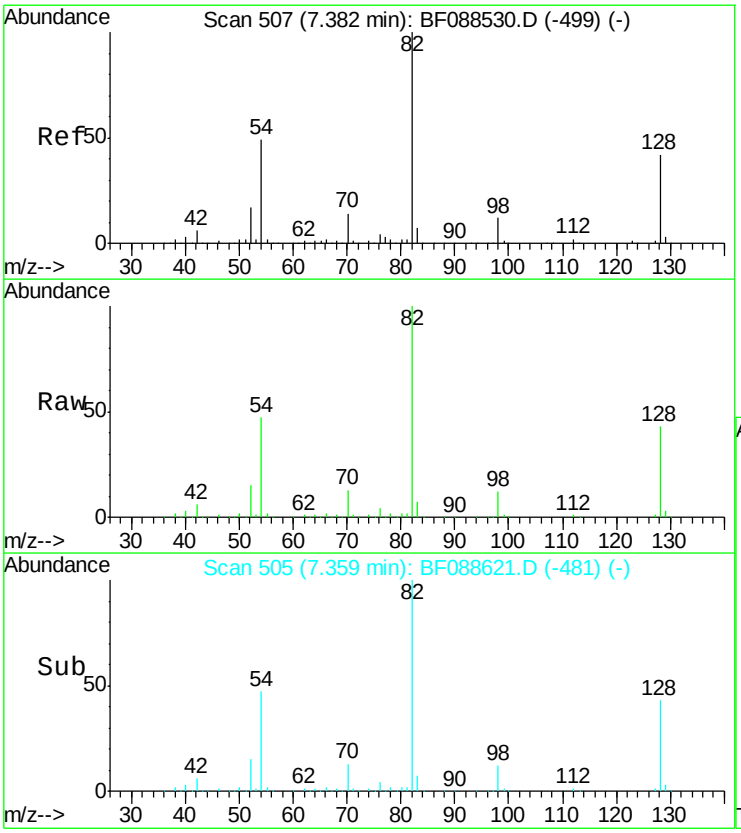
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:136 Resp: 432468

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.8	6.6	10.0
68	6.5	5.1	7.7

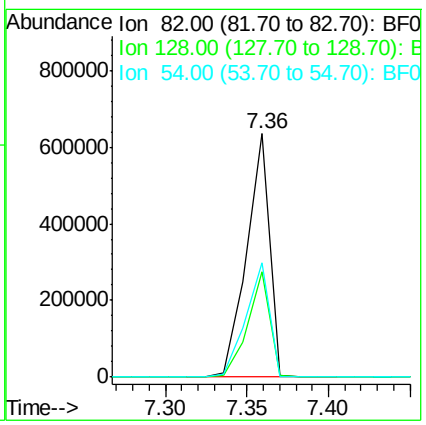


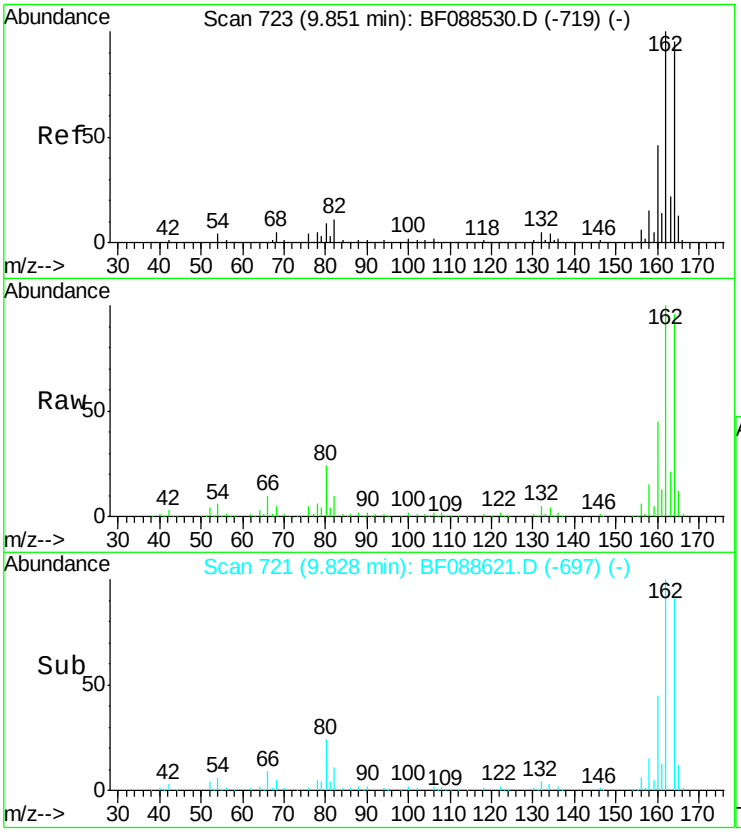


#23
Nitrobenzene-d5
Concen: 74.71 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion: 82 Resp: 616521

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.9	53.9
54	47.0	40.9	61.3



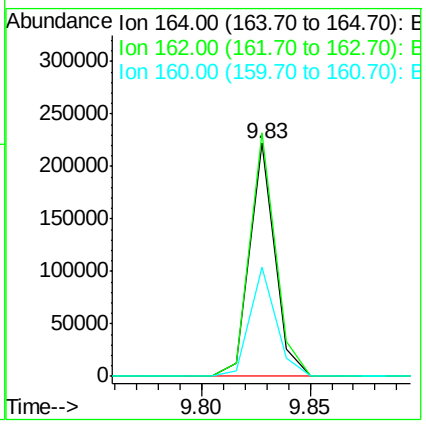


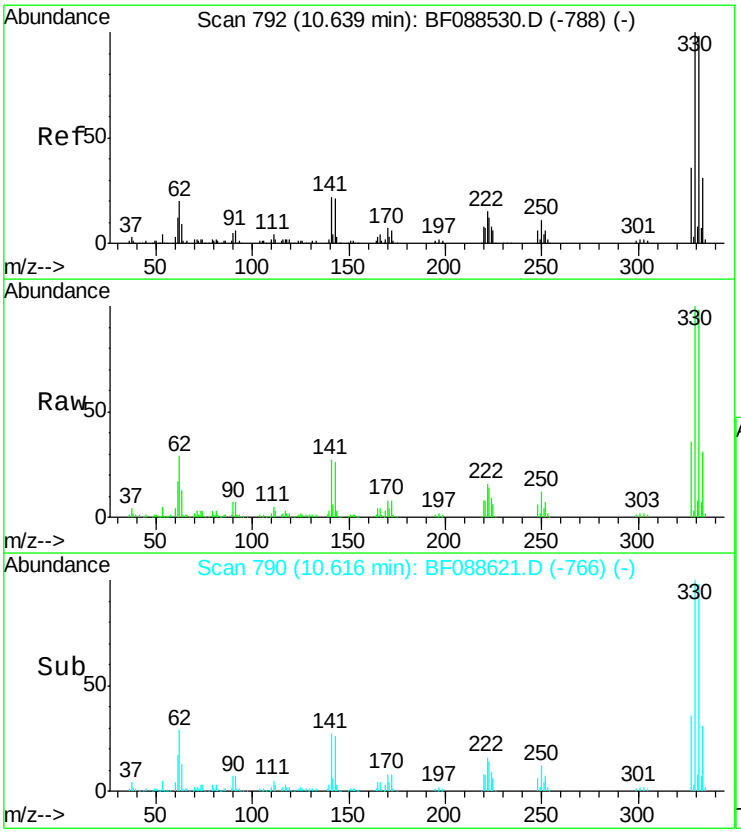
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:164 Resp: 179114

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.0	39.5	59.3

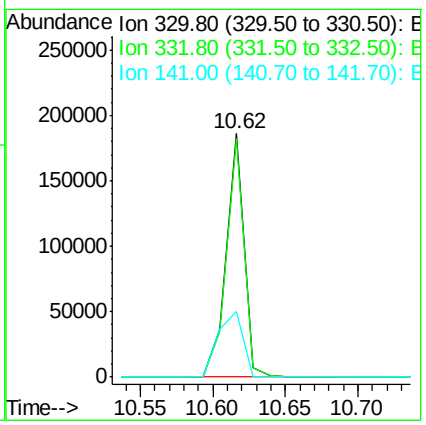


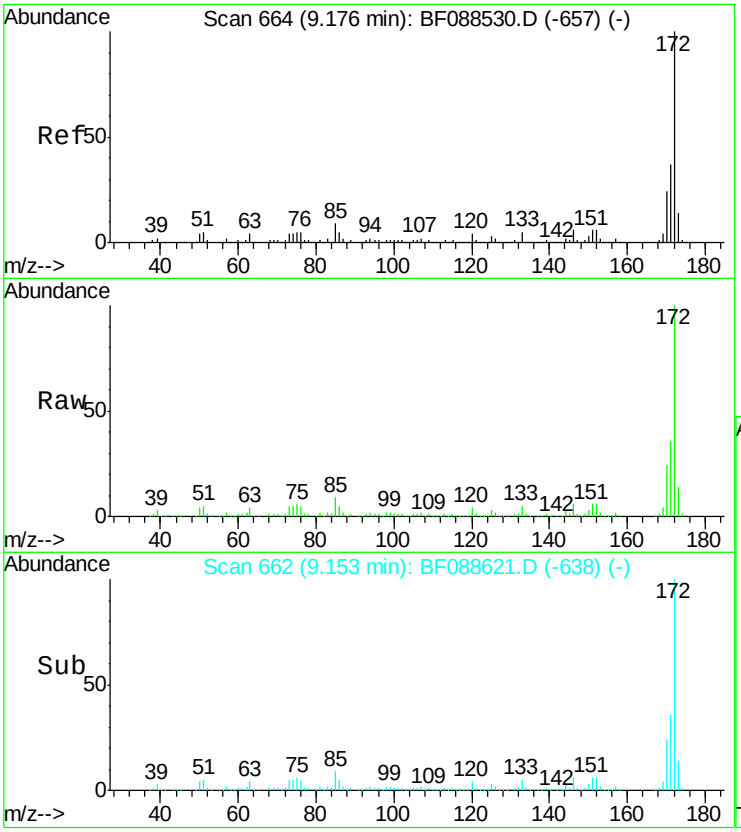


#41
2,4,6-Tribromophenol
Concen: 95.38 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion:330 Resp: 158649

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.2	0.0	0.0#



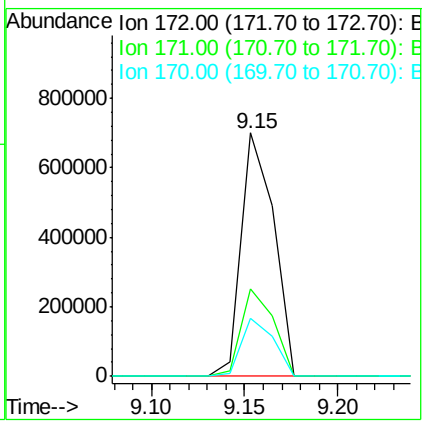


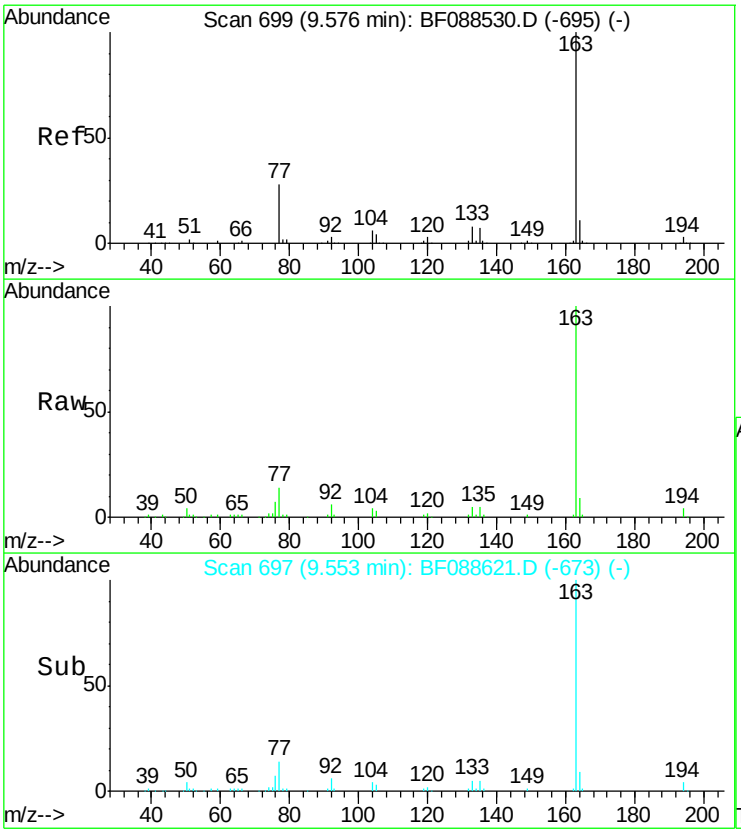
#44
2-Fluorobiphenyl
Concen: 74.67 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:172 Resp: 846746

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	19.2	28.8

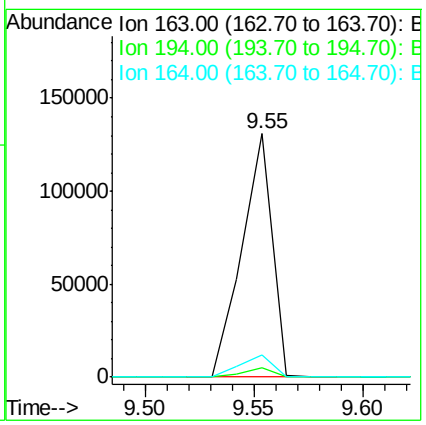


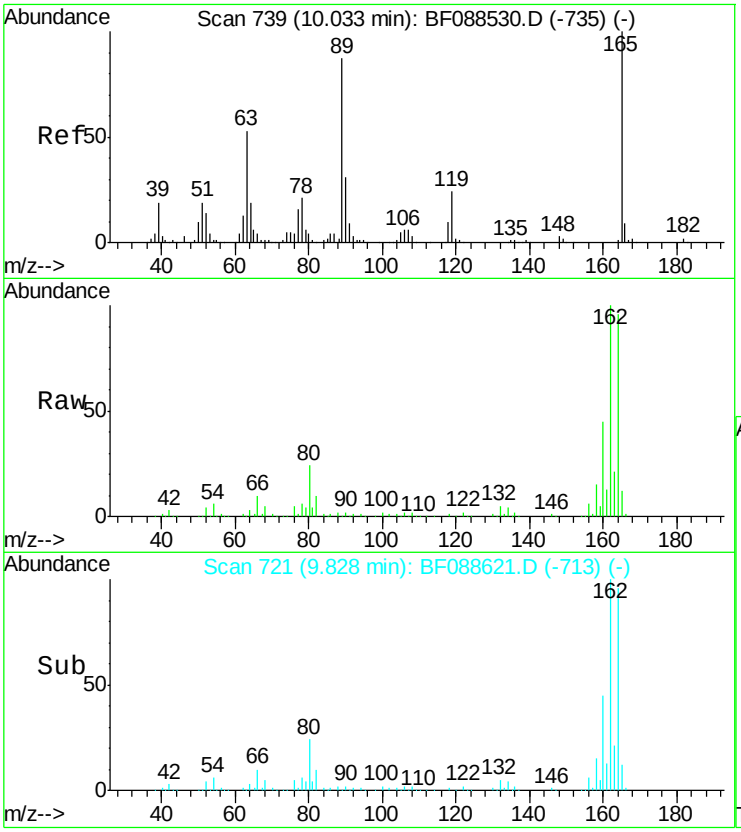


#49
Dimethylphthalate
Concen: 9.91 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion:163 Resp: 126518

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.2	8.3	12.5



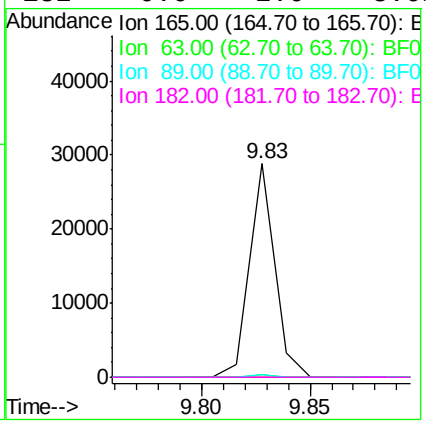


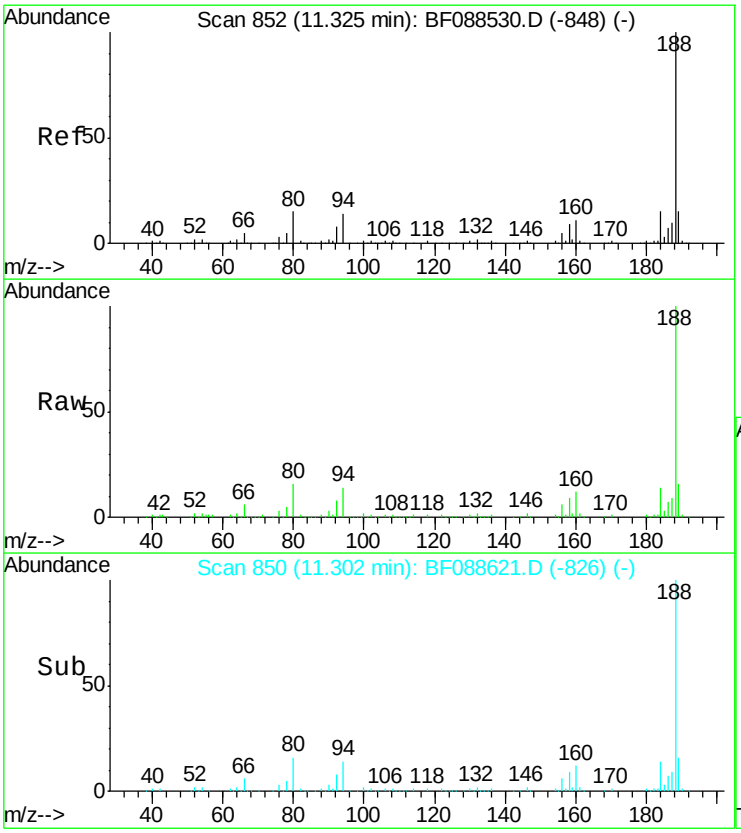
#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:165 Resp: 23230

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

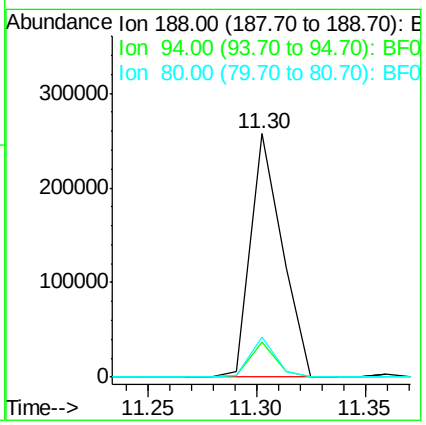


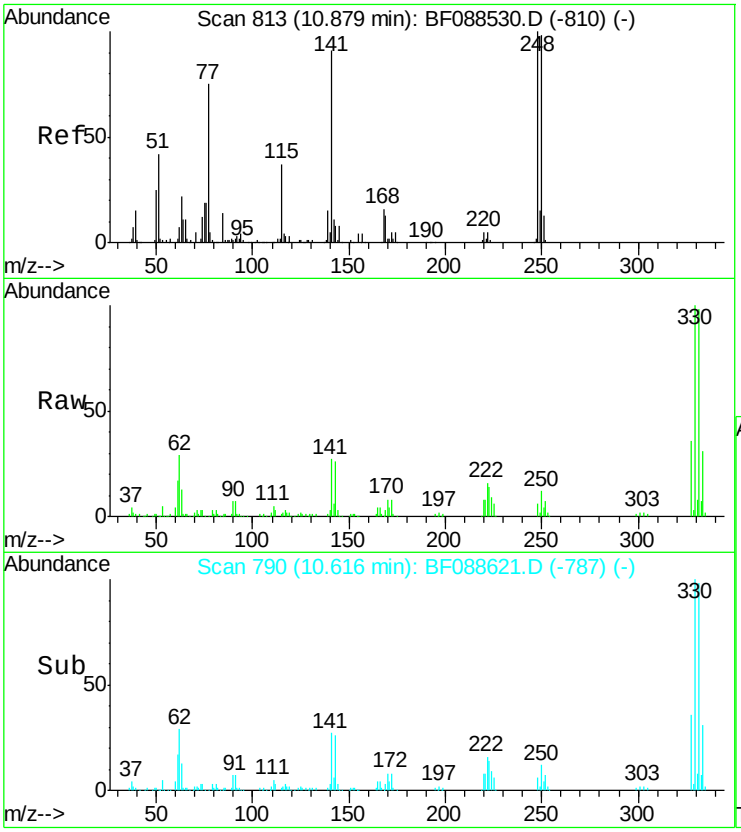


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion:188 Resp: 260139

Ion	Ratio	Lower	Upper
188	100		
94	14.2	9.0	13.6#
80	16.3	10.0	15.0#



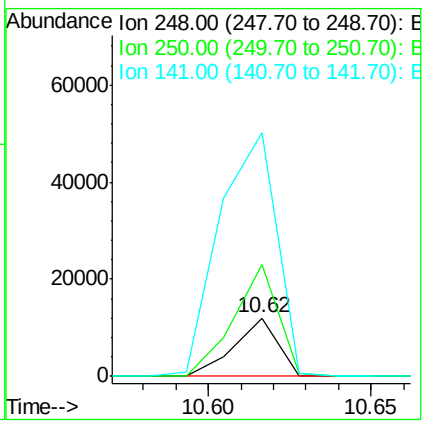


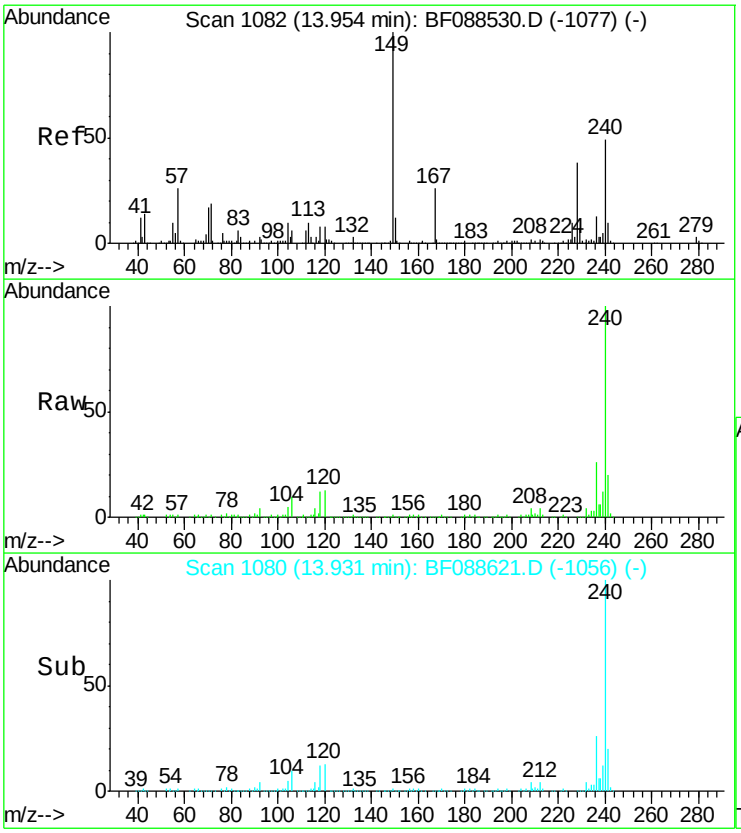
#66
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:248 Resp: 11063

Ion	Ratio	Lower	Upper
248	100		
250	192.2	77.1	115.7#
141	417.0	50.6	76.0#

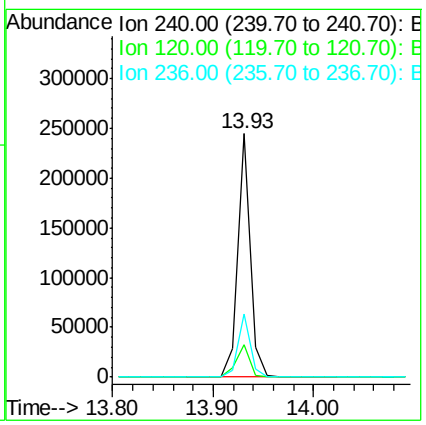


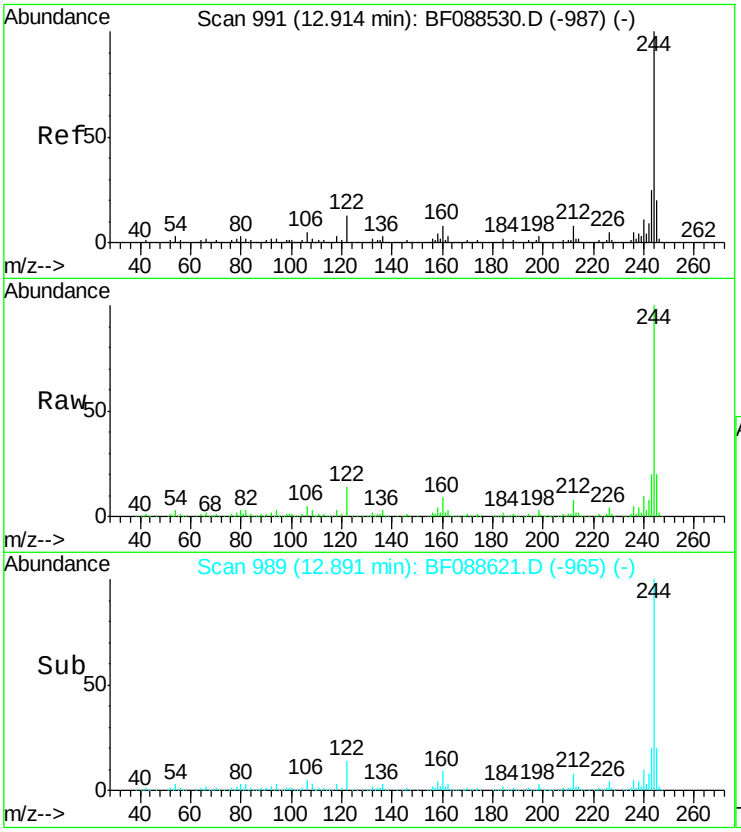


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion:240 Resp: 210488

Ion	Ratio	Lower	Upper
240	100		
120	13.2	6.8	10.2#
236	26.0	20.2	30.2



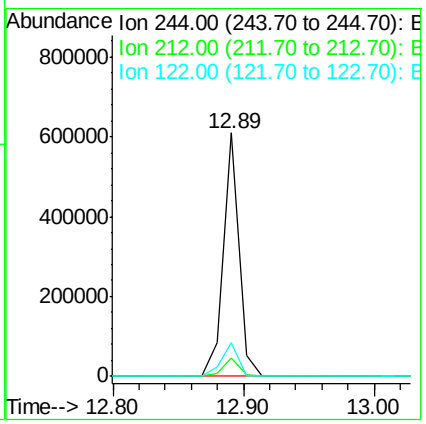


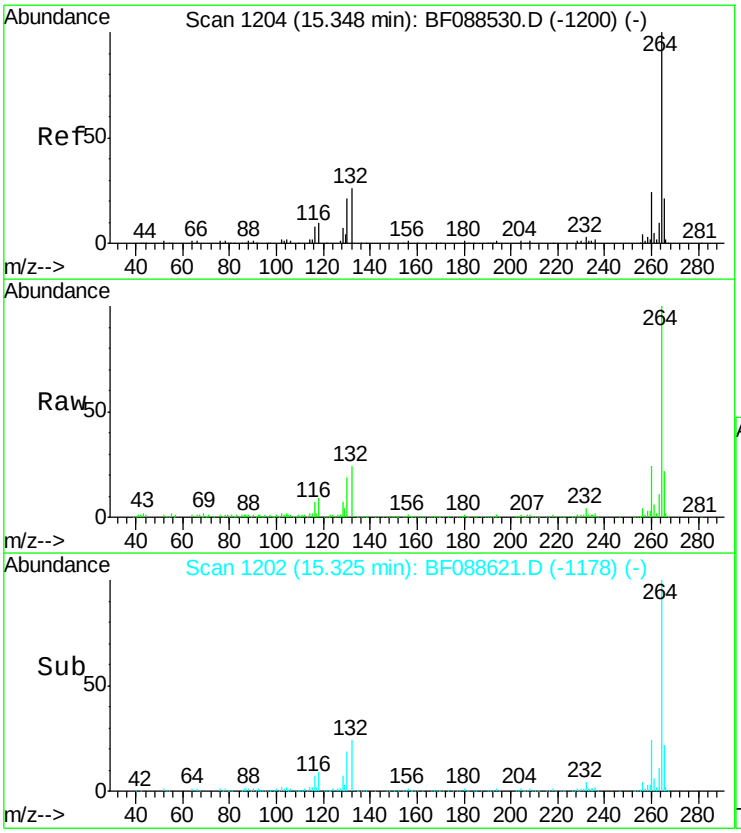
#78
Terphenyl-d14
Concen: 54.38 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088621.D
Acq: 2 Jul 2016 17:09

Instrument :
BNA_F
ClientSampleId :
K8-B1(0-12)C

Tgt Ion:244 Resp: 513924

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.0	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: BF088621.D
Acq: 2 Jul 2016 17:09

Tgt Ion:264 Resp: 208061

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3