Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086541.D
Acq On : 1 May 2016 00:29
Operator : UM/SJ
Sample : H2720-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10D46

Quant Time: May 02 00:44:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	125241	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	550353	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	276132	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	522709	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	441181	20.00	ng	-0.06
86) Perylene-d12	15.30	264	339874	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	952614	131.20	ng	-0.03
7) Phenol-d6	6.41	99	1487229	146.76	ng	-0.03
23) Nitrobenzene-d5	7.33	82	945827	92.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	358608	123.15	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1252321	77.91	ng	-0.05
78) Terphenyl-d14	12.86	244	1242305	62.04	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.92	79	14917	2.33	ng	# 43
19) n-Nitroso-di-n-propylamine	7.33	70	127360	19.01	ng	# 78
49) Dimethylphthalate	9.53	163	203126	9.77	ng	98
56) 2,4-Dinitrotoluene	9.80	165	33529	6.12	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	21939	4.07	ng	# 1

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

Quantitation Report (Not Reviewed)

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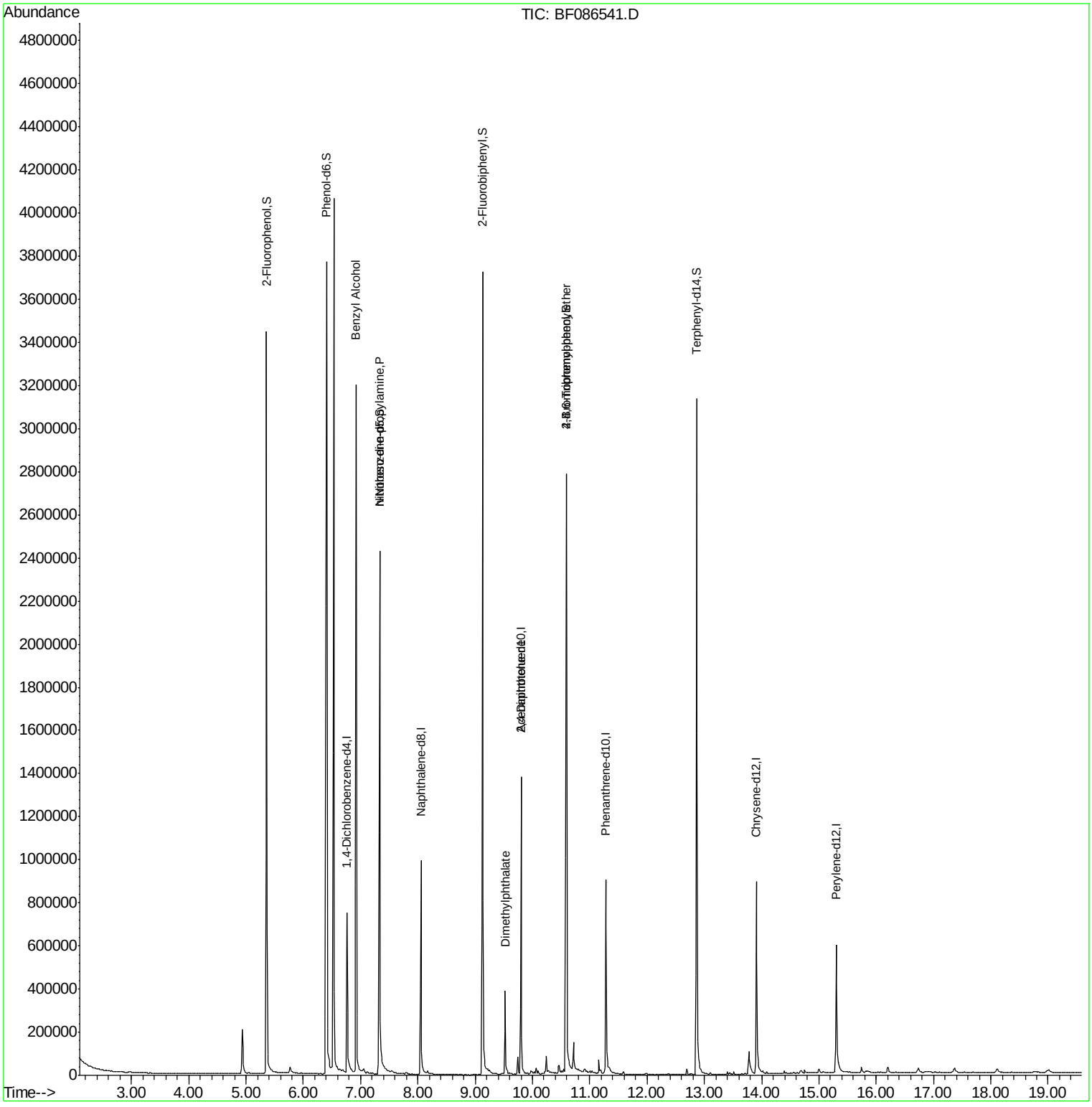
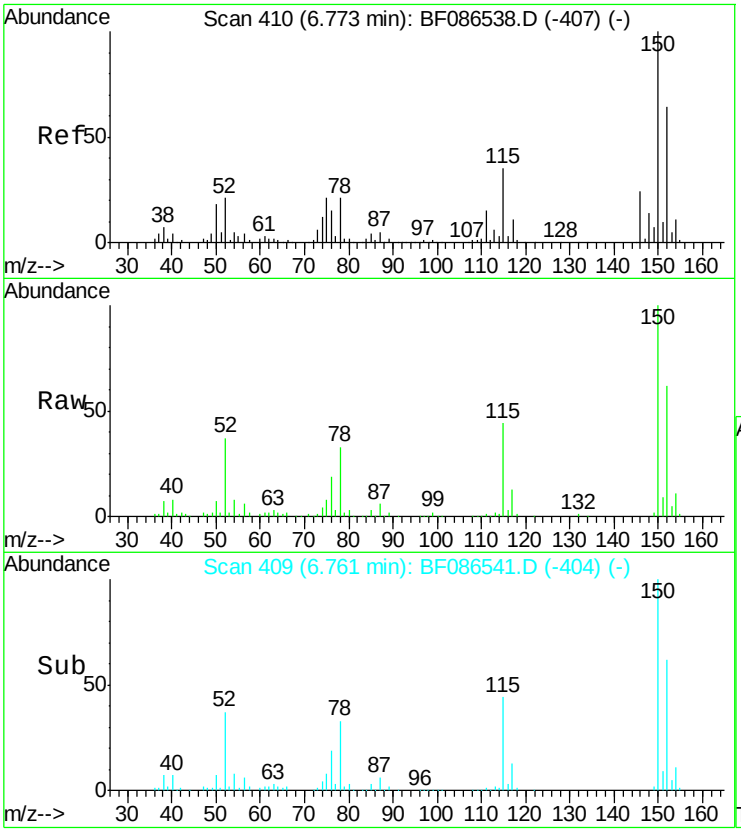


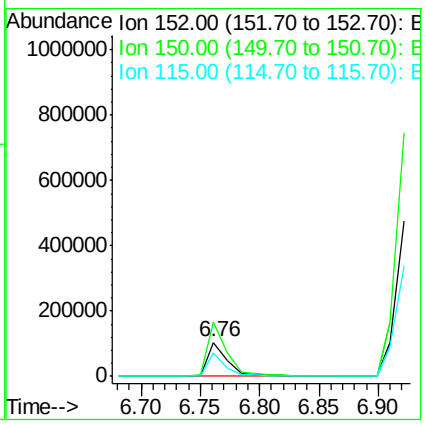


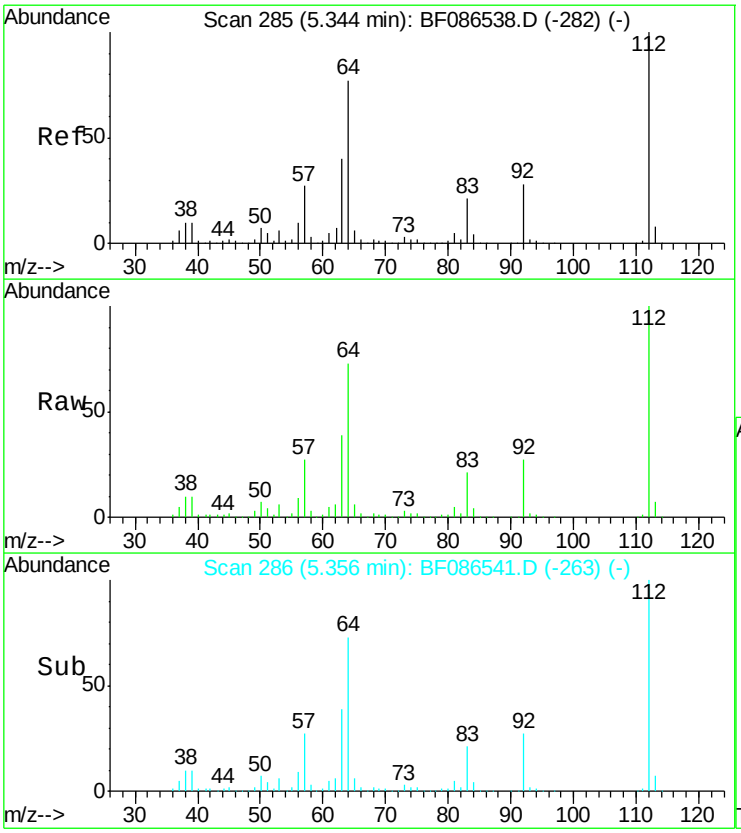
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion:152 Resp: 125241

Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.8	188.6
115	70.3	51.5	77.3

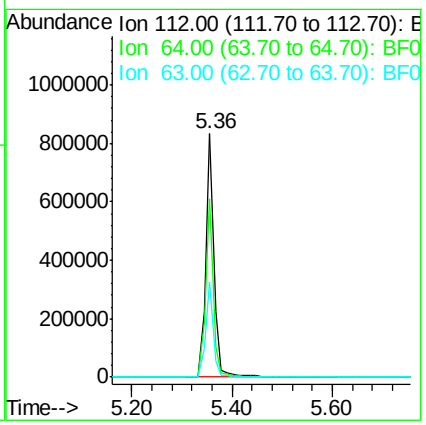


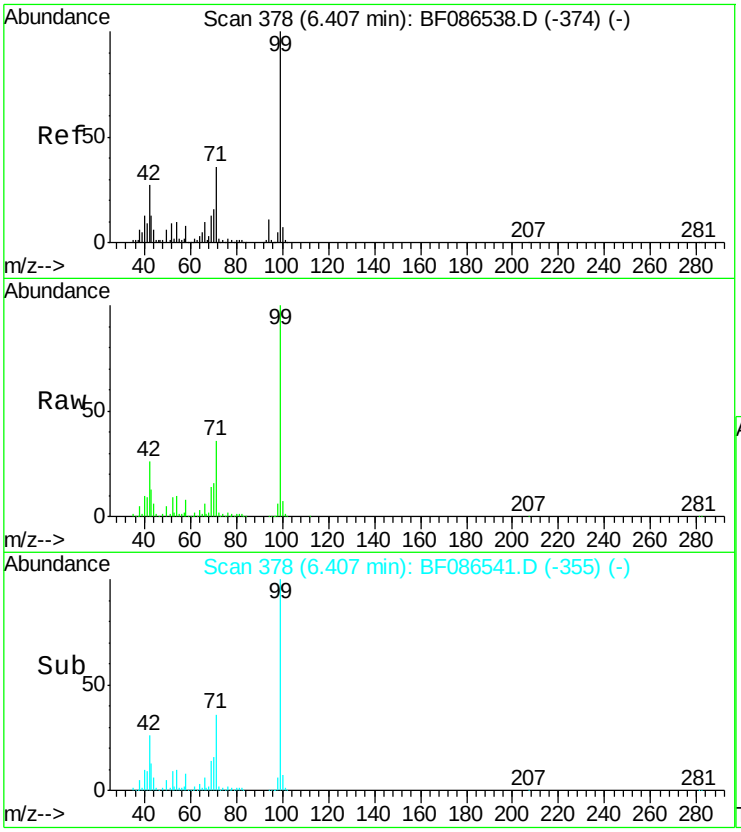


#5
2-Fluorophenol
Concen: 131.20 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:112 Resp: 952614

Ion	Ratio	Lower	Upper
112	100		
64	73.3	52.1	78.1
63	39.2	25.7	38.5#



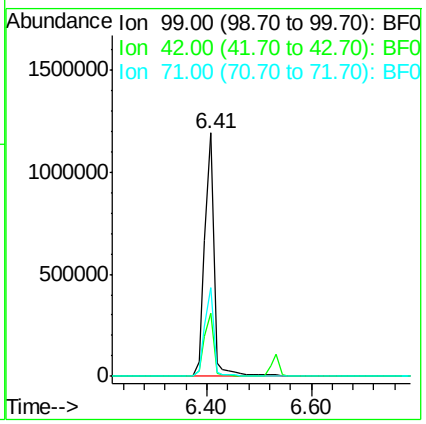


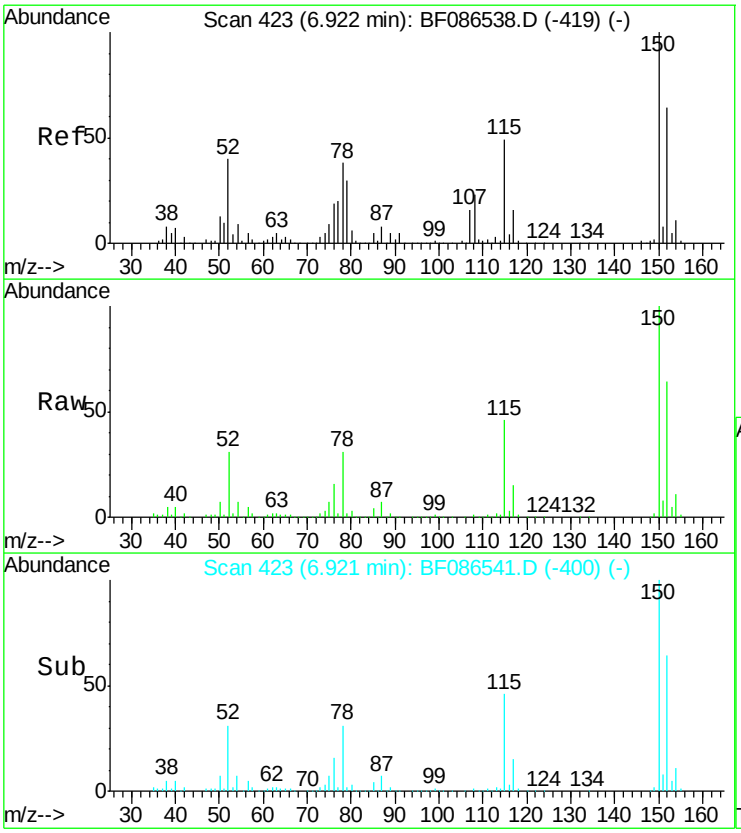
#7
Phenol-d6
Concen: 146.76 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion: 99 Resp: 1487229

Ion	Ratio	Lower	Upper
99	100		
42	26.1	13.6	20.4#
71	36.3	24.6	36.8

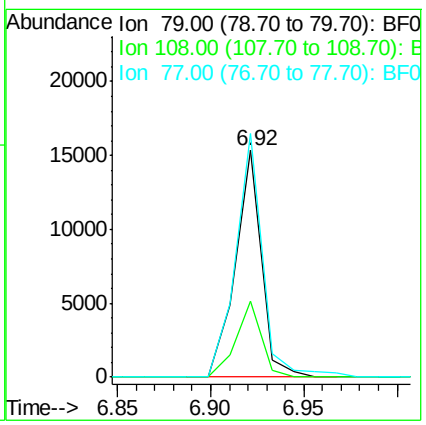


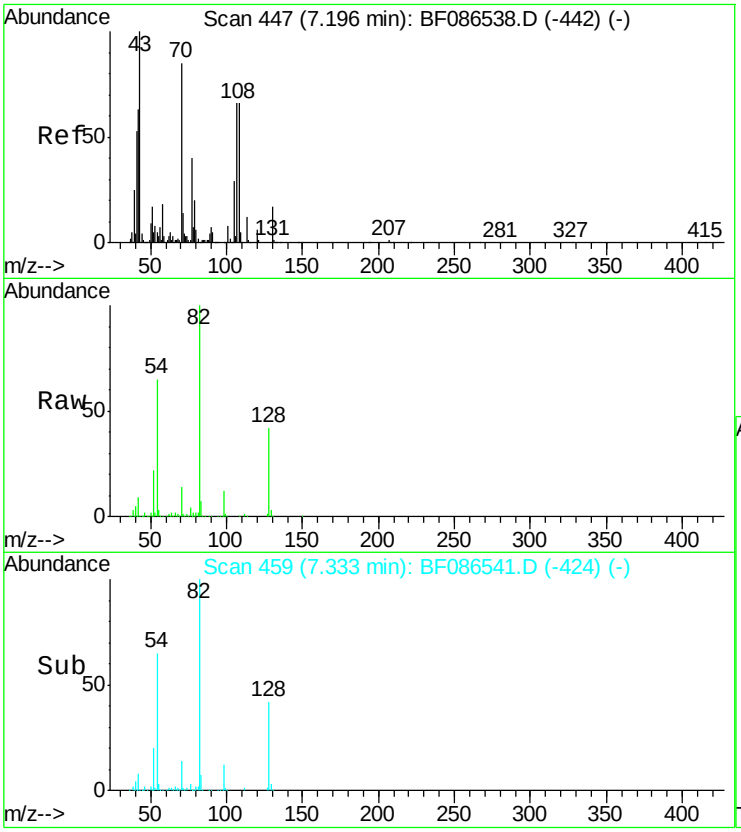


#15
Benzyl Alcohol
Concen: 2.33 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion: 79 Resp: 14917

Ion	Ratio	Lower	Upper
79	100		
108	33.5	68.4	102.6#
77	107.3	50.6	76.0#



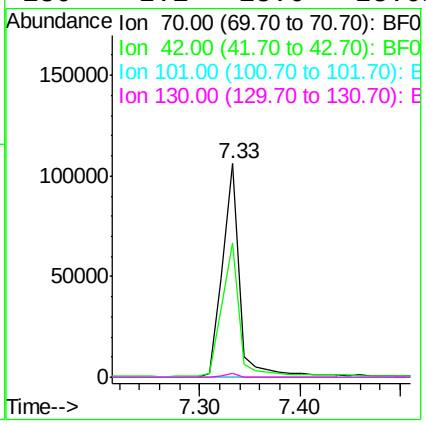


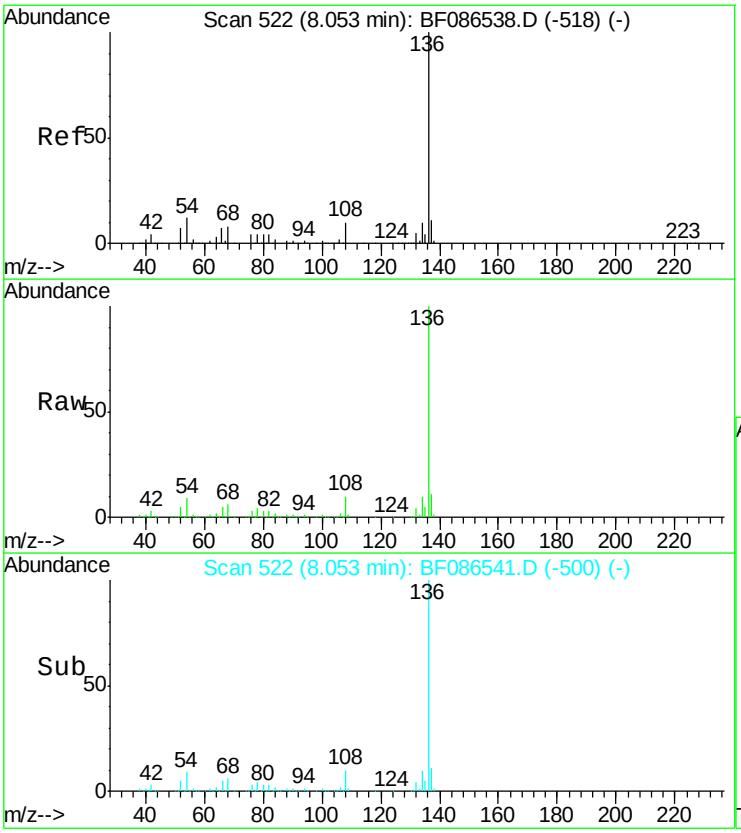
#19
n-Nitroso-di-n-propylamine
Concen: 19.01 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion: 70 Resp: 127360

Ion	Ratio	Lower	Upper
70	100		
42	62.8	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

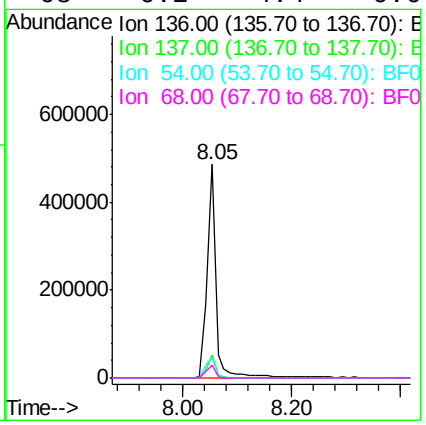


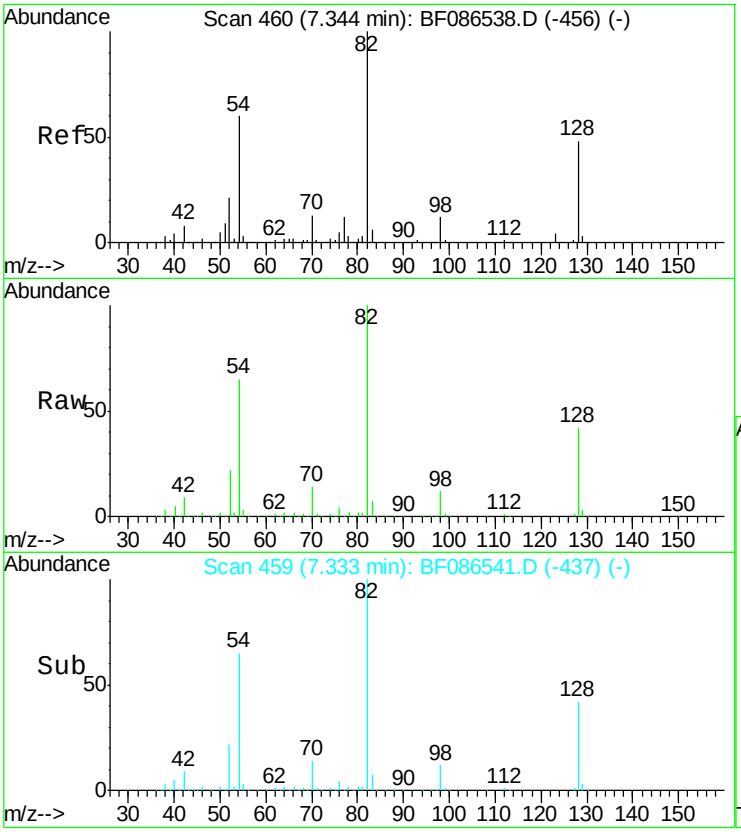


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:136 Resp: 550353

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.5	5.0	7.4#
68	6.2	4.4	6.6



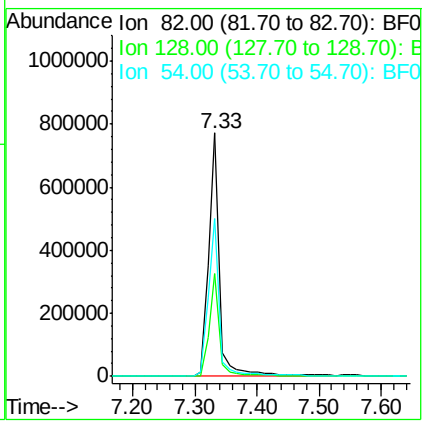


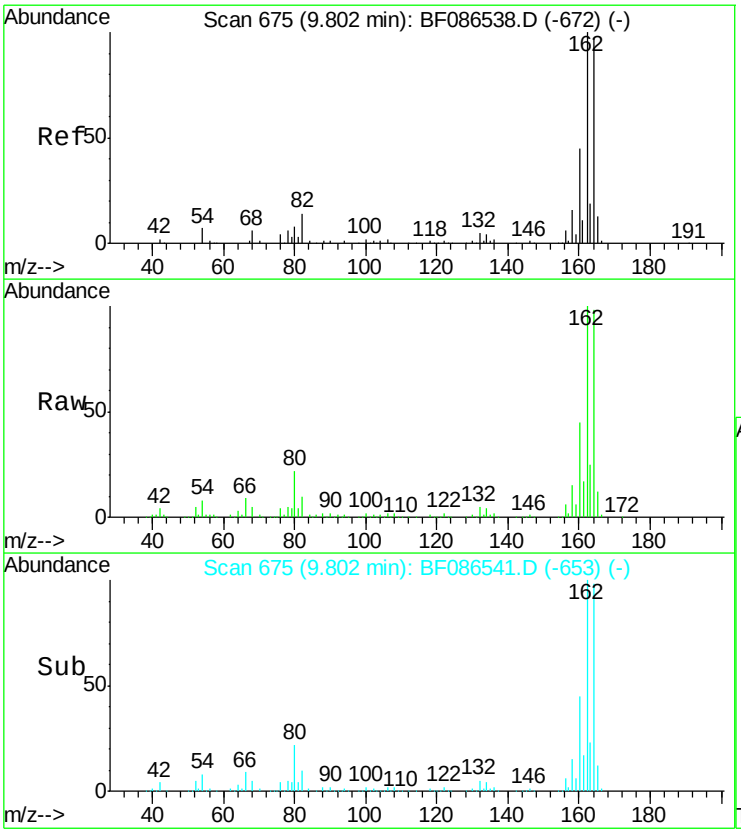
#23
Nitrobenzene-d5
Concen: 92.63 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion: 82 Resp: 945827

Ion	Ratio	Lower	Upper
82	100		
128	42.5	40.6	61.0
54	65.0	38.1	57.1#

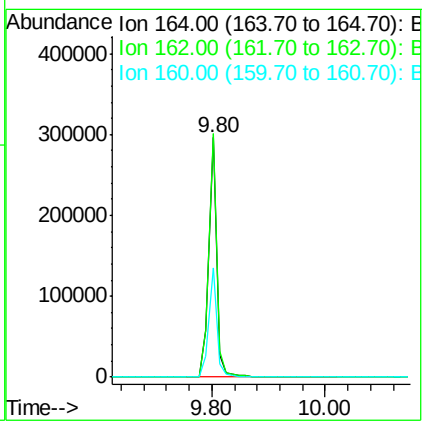


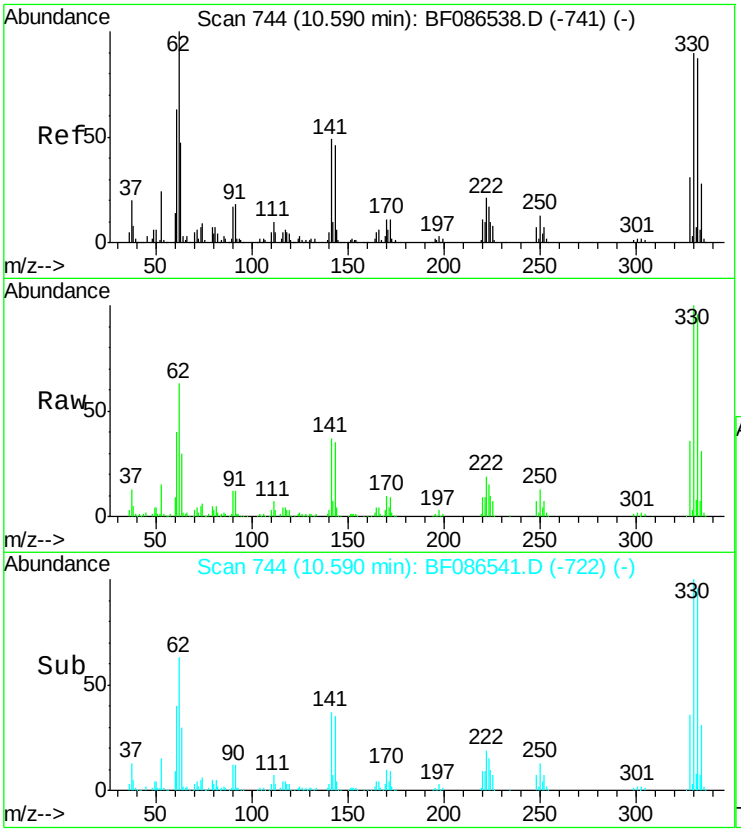


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:164 Resp: 276132

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	45.8	36.9	55.3



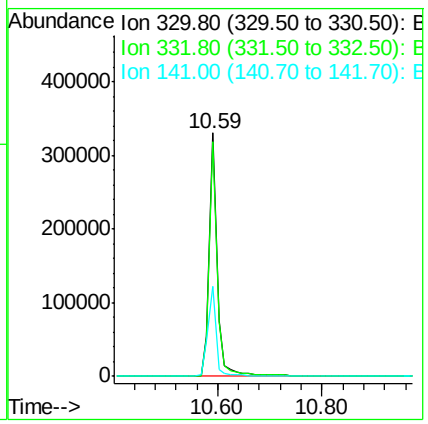


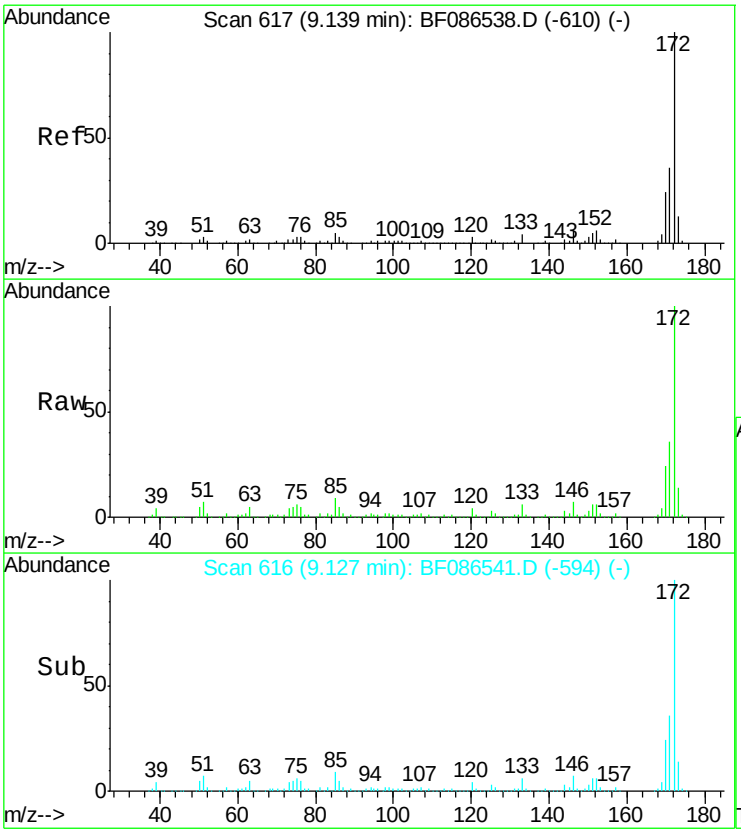
#41
2,4,6-Tribromophenol
Concen: 123.15 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion:330 Resp: 358608

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	38.0	31.2	46.8

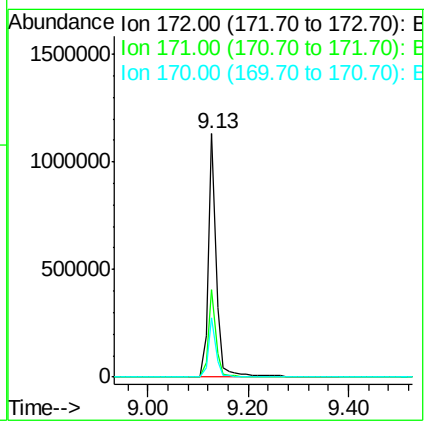


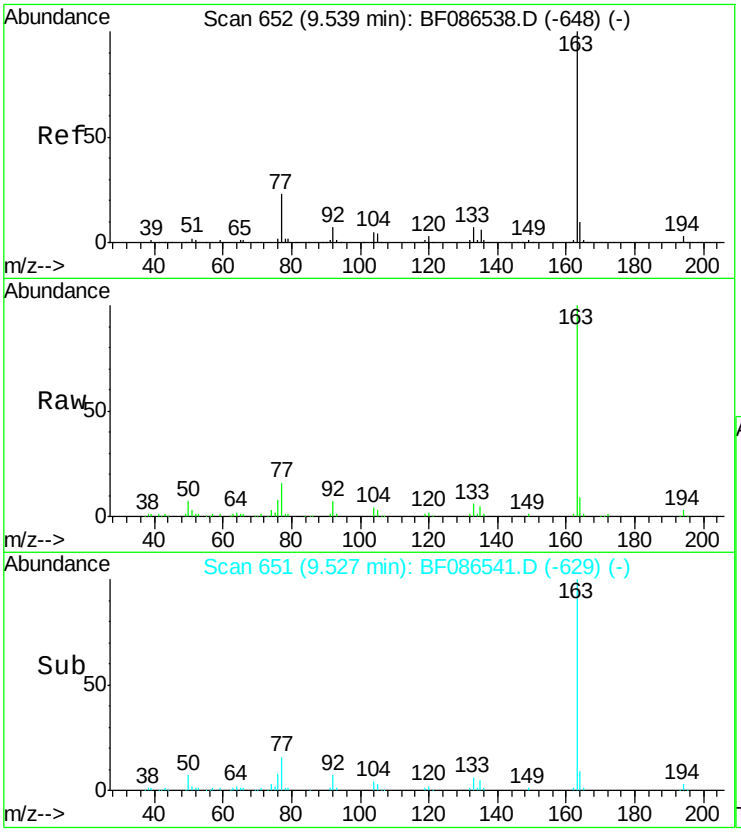


#44
2-Fluorobiphenyl
Concen: 77.91 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:172 Resp: 1252321

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.4	19.8	29.8



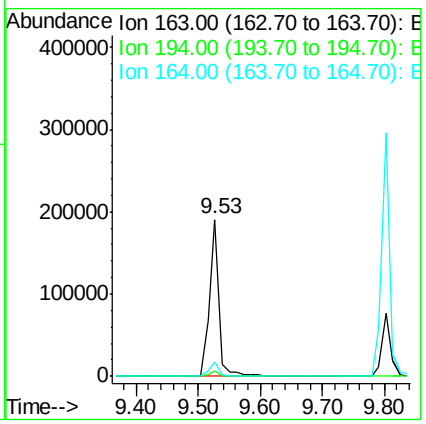


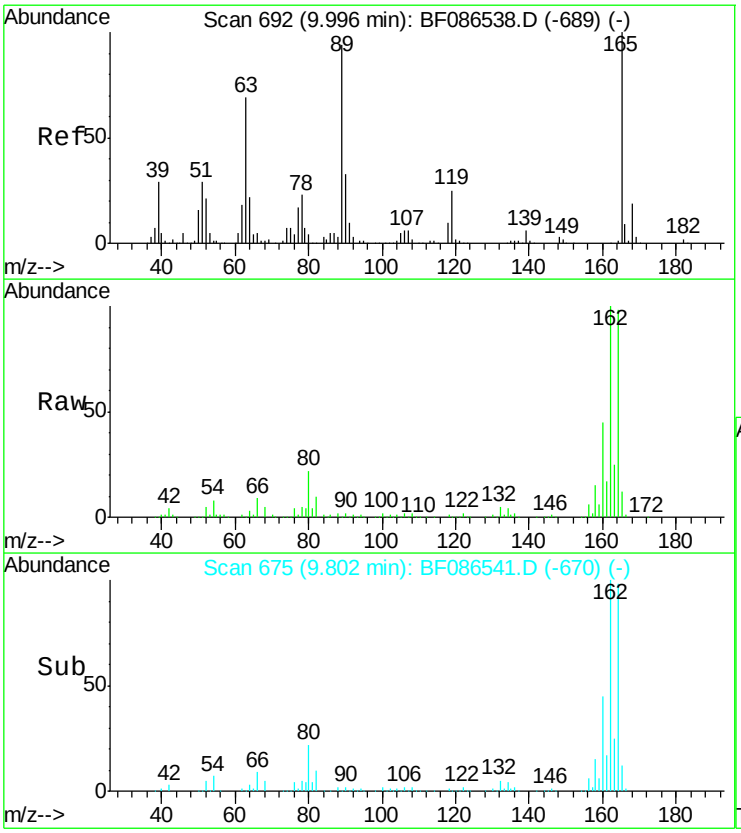
#49
Dimethylphthalate
Concen: 9.77 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion:163 Resp: 203126

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.2	12.4

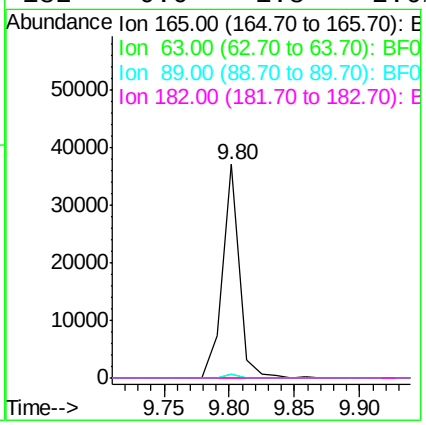


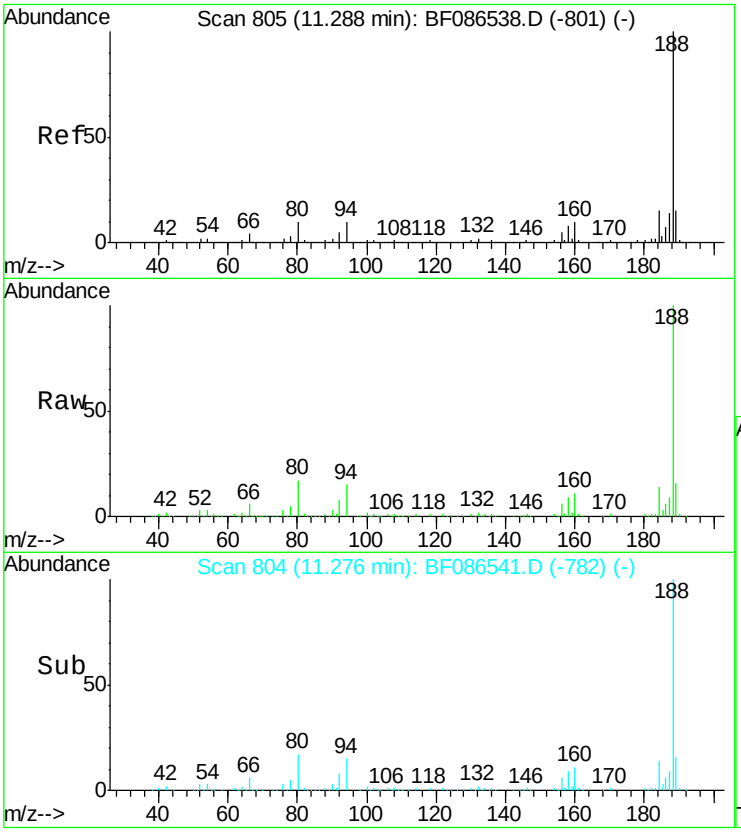


#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.24 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:165 Resp: 33529

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.5	70.0	105.0#
182	0.0	1.8	2.6#



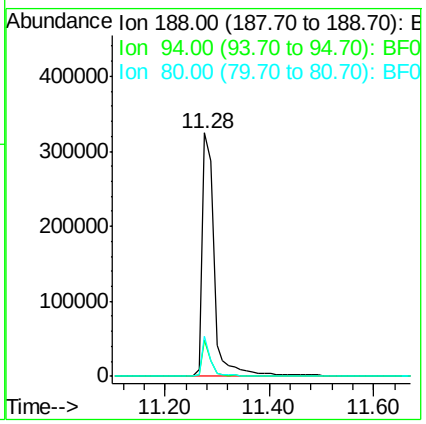


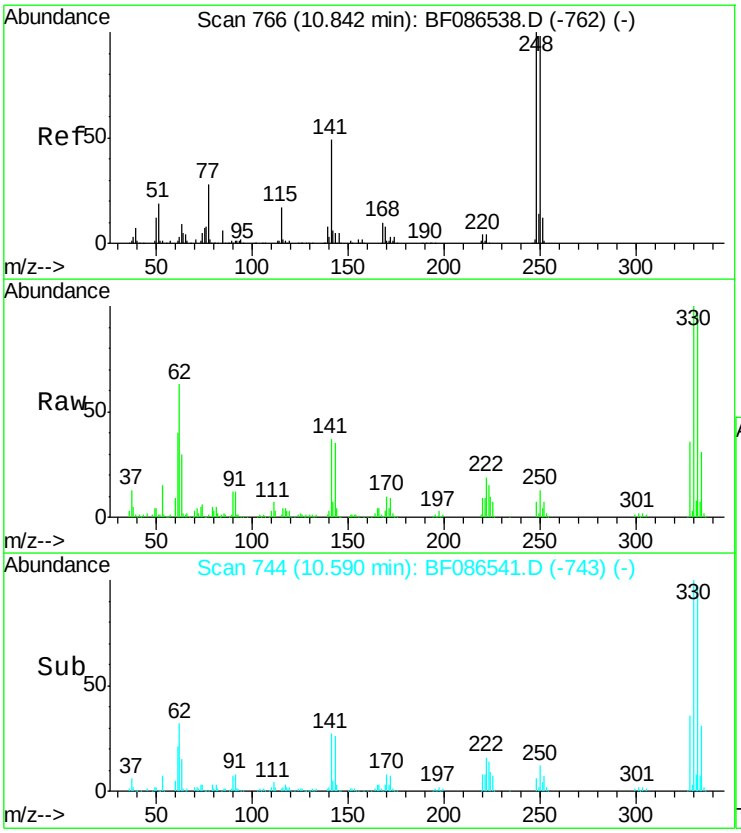
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion:188 Resp: 522709

Ion	Ratio	Lower	Upper
188	100		
94	14.8	6.8	10.2#
80	16.5	7.1	10.7#

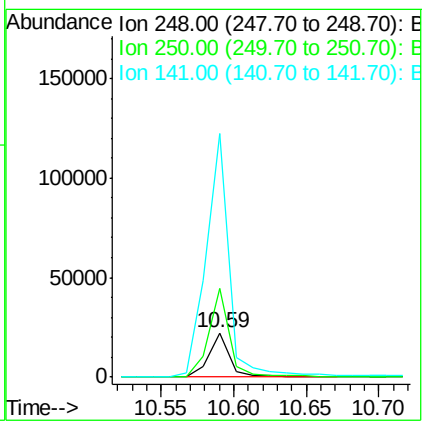


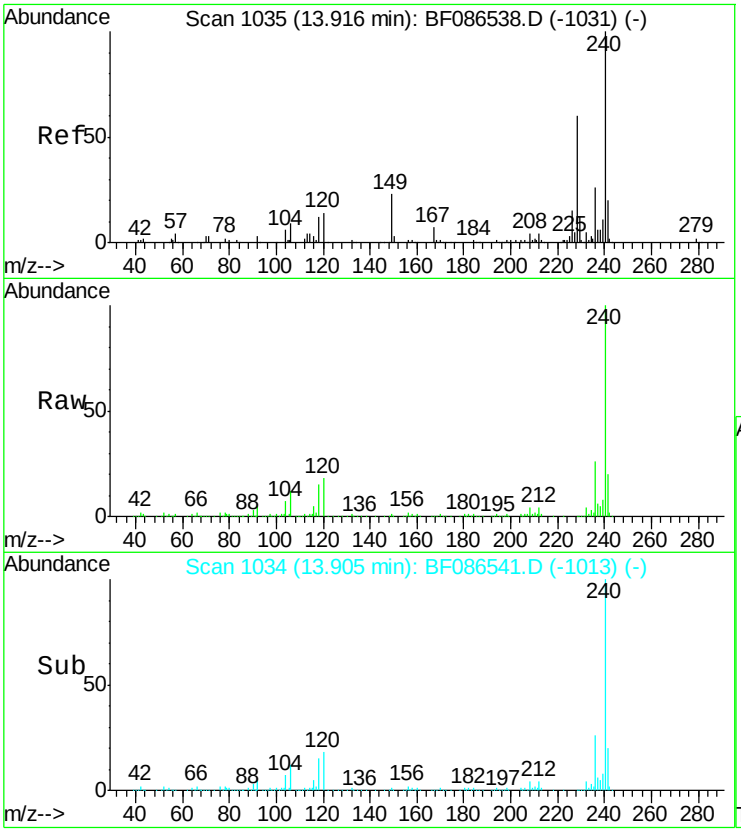


#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.29 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:248 Resp: 21939

Ion	Ratio	Lower	Upper
248	100		
250	200.4	78.6	117.8#
141	552.5	76.0	114.0#



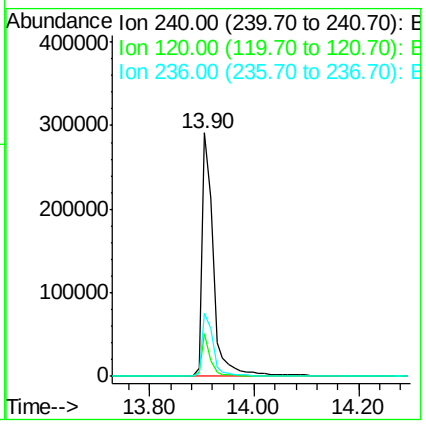


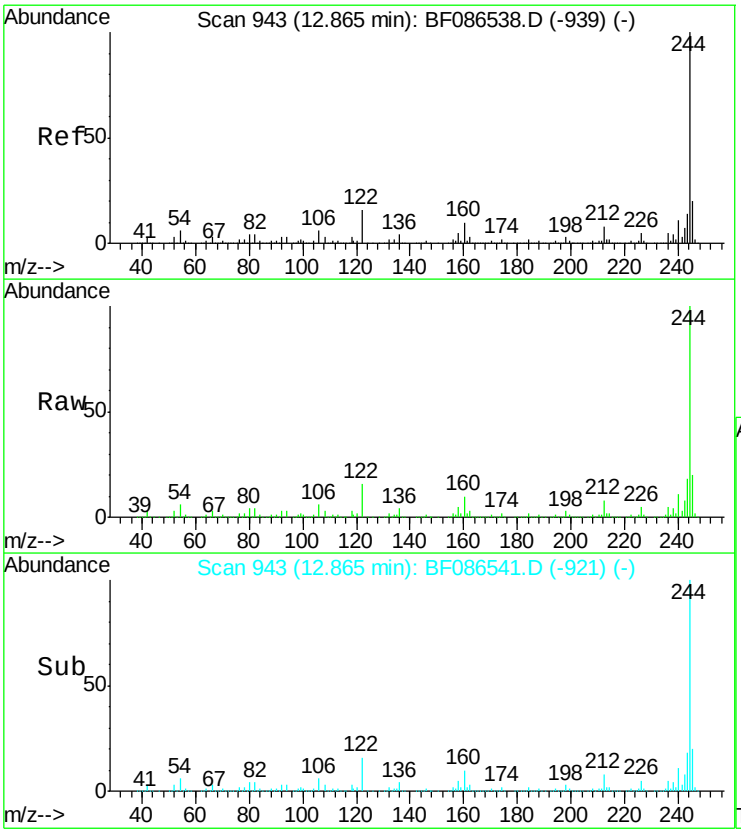
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion:240 Resp: 441181

Ion	Ratio	Lower	Upper
240	100		
120	17.5	11.2	16.8#
236	25.9	21.2	31.8

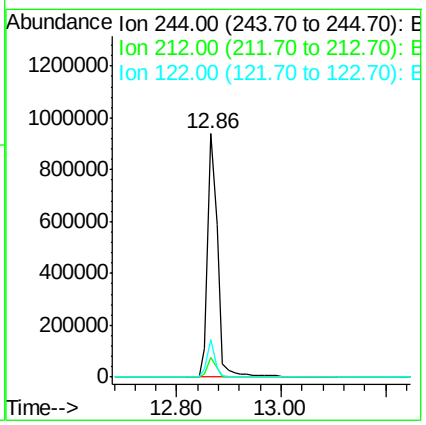


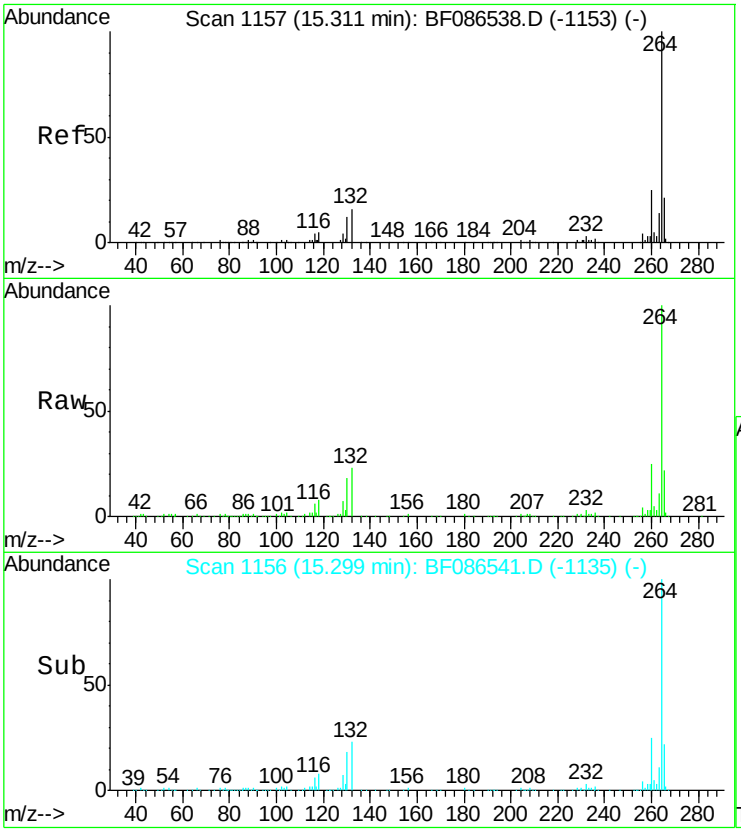


#78
Terphenyl-d14
Concen: 62.04 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Tgt Ion:244 Resp: 1242305

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.5	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086541.D
Acq: 1 May 2016 00:29

Instrument :
BNA_F
ClientSampleId :
TP-10D46

Tgt Ion:264 Resp: 339874

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.3	25.9