Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF040216\
Data File : BF085973.D
Acq On : 1 Apr 2016 20:46
Operator : UM/SJ
Sample : PB89334BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89334BL

Quant Time: Apr 01 23:23:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111259	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	426469	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192849	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	393725	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	356176	20.00	ng	0.00
86) Perylene-d12	15.33	264	300281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	758051	116.46	ng	0.00
7) Phenol-d6	6.42	99	1052737	127.33	ng	0.00
23) Nitrobenzene-d5	7.34	82	629384	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	276005	152.48	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1098455	94.71	ng	0.00
78) Terphenyl-d14	12.88	244	1063852	70.21	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.54	93	1276	0.12	ng	# 1
8) 2-Chlorophenol	6.56	128	240	0.03	ng	# 1
9) Benzaldehyde	6.54	77	17683	3.97	ng	91
10) Phenol	6.54	94	1709	0.18	ng	# 1
11) bis(2-Chloroethyl)ether	6.54	93	1276	0.17	ng	# 1
15) Benzyl Alcohol	6.92	79	9828	1.84	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	80168	15.64	ng	# 75
24) Nitrobenzene	7.34	77	1686	0.21	ng	# 33
25) Isophorone	7.34	82	627560	43.96	ng	# 68
31) Naphthalene	8.20	128	599	0.03	ng	# 1
45) 1,1'-Biphenyl	9.14	154	2199	0.13	ng	# 1
47) 2-Nitroaniline	9.13	65	1441	0.41	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	24202	8.00	ng	# 19
51) Acenaphthene	9.81	154	797	0.07	ng	# 4
56) 2,4-Dinitrotoluene	9.80	165	24203	6.33	ng	# 38
62) Azobenzene	10.59	77	1241	0.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.60	198	781	0.33	ng	# 54
65) n-Nitrosodiphenylamine	10.60	169	7975	0.65	ng	# 42
66) 4-Bromophenyl-phenylether	10.60	248	18226	4.53	ng	# 1
73) Di-n-butylphthalate	11.86	149	602	0.03	ng	# 78
77) Pyrene	12.88	202	3679	0.15	ng	# 66
80) Benzo(a)anthracene	13.93	228	840	0.04	ng	# 51
82) Chrysene	13.93	228	840	0.04	ng	# 49
89) Benzo(a)pyrene	15.33	252	789	0.05	ng	# 58

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

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Instrument :
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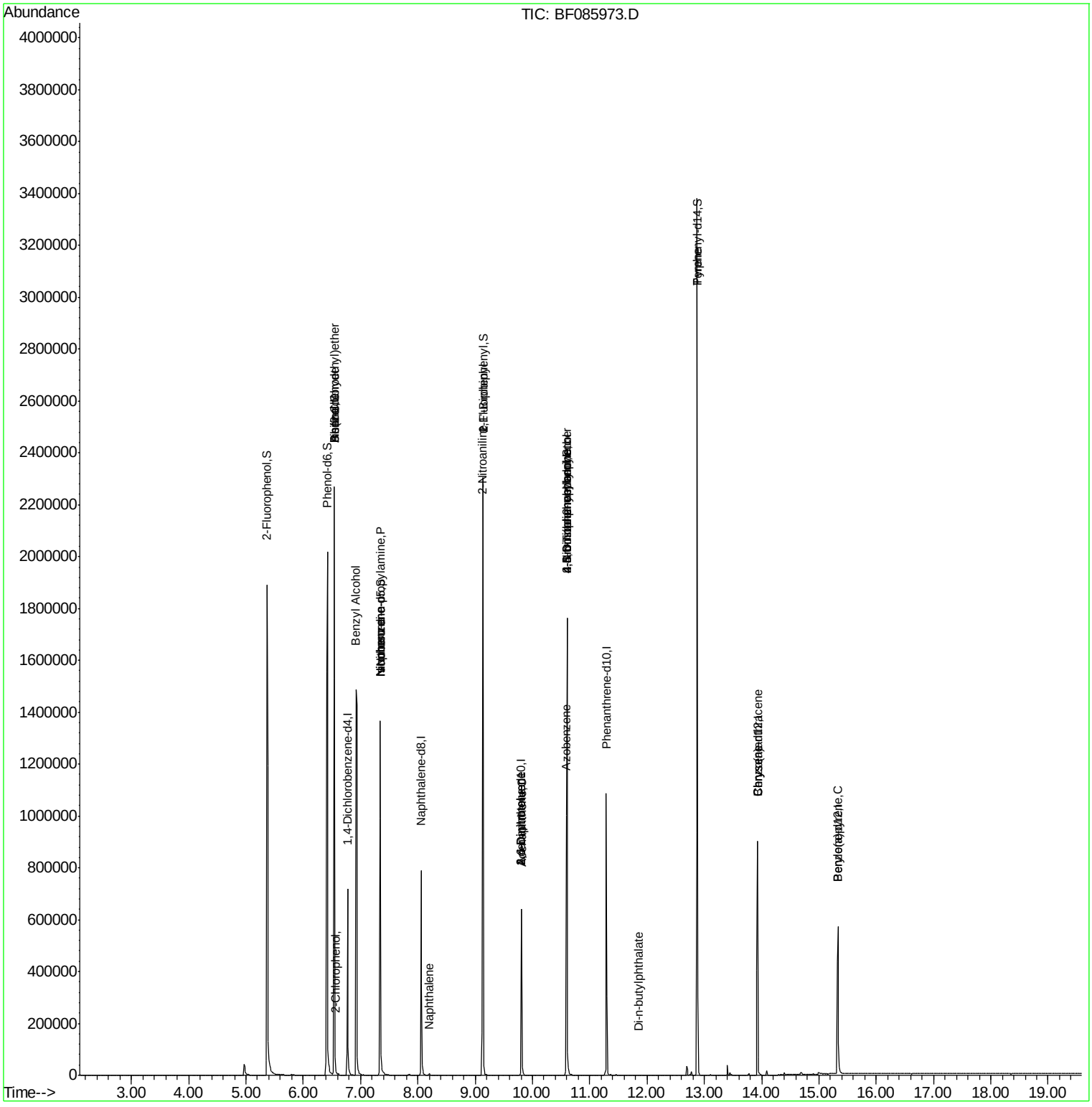
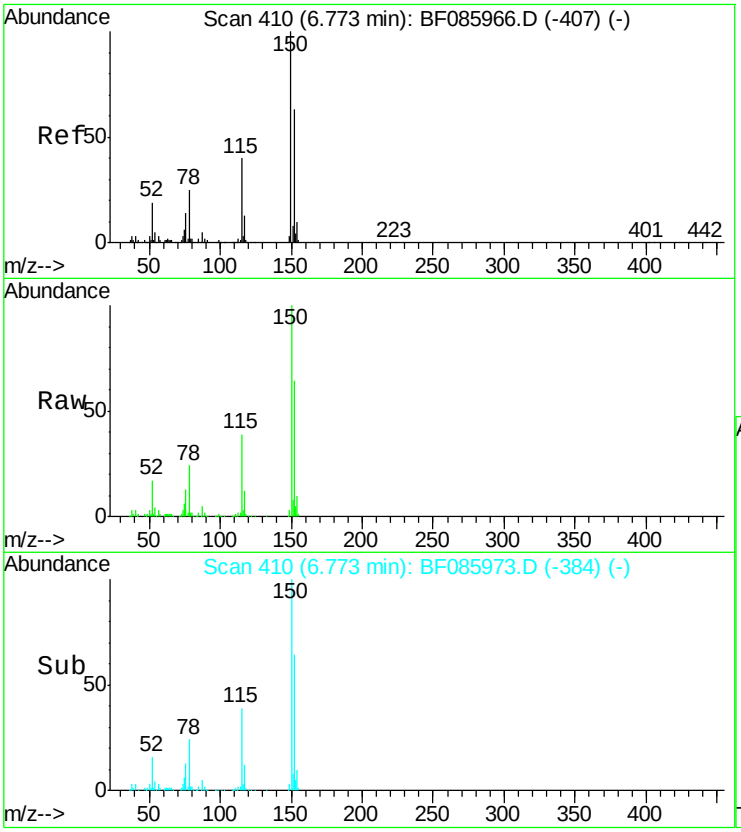


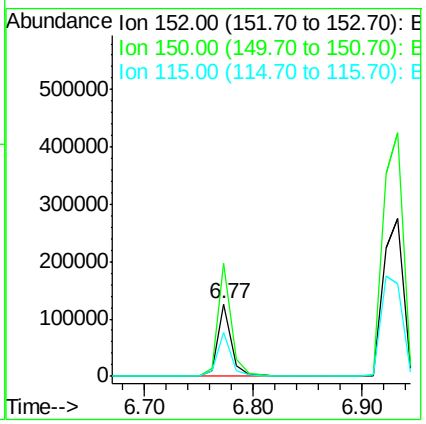


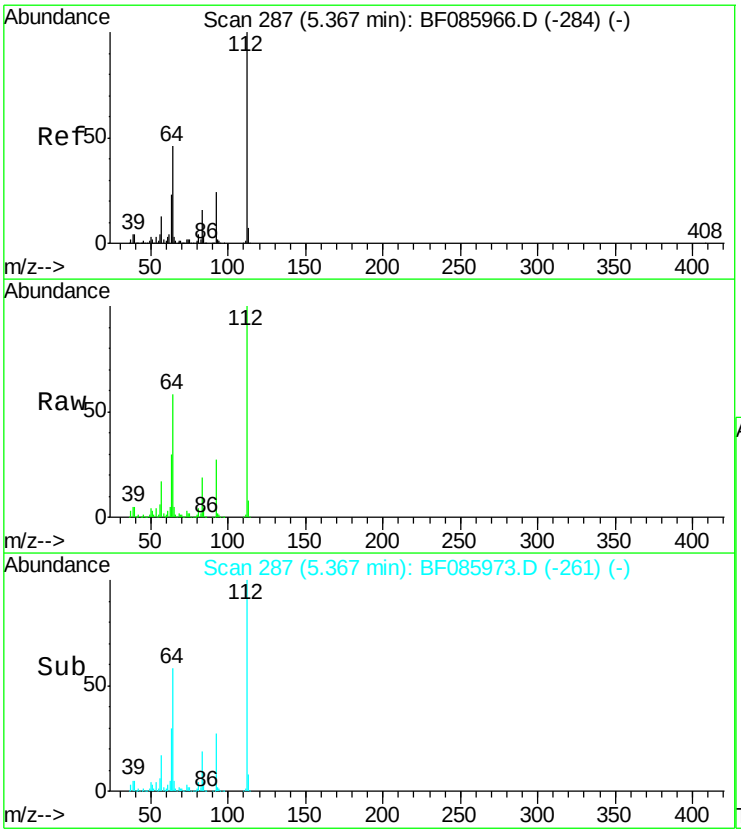
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:152 Resp: 111259

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	60.3	47.0	70.6

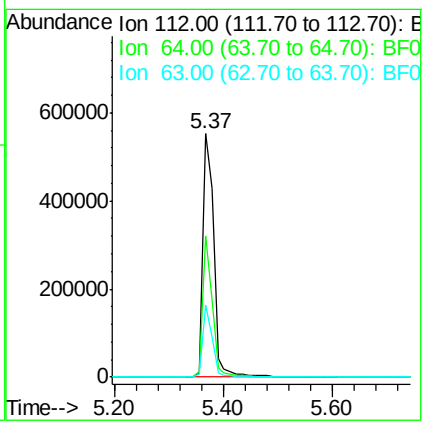


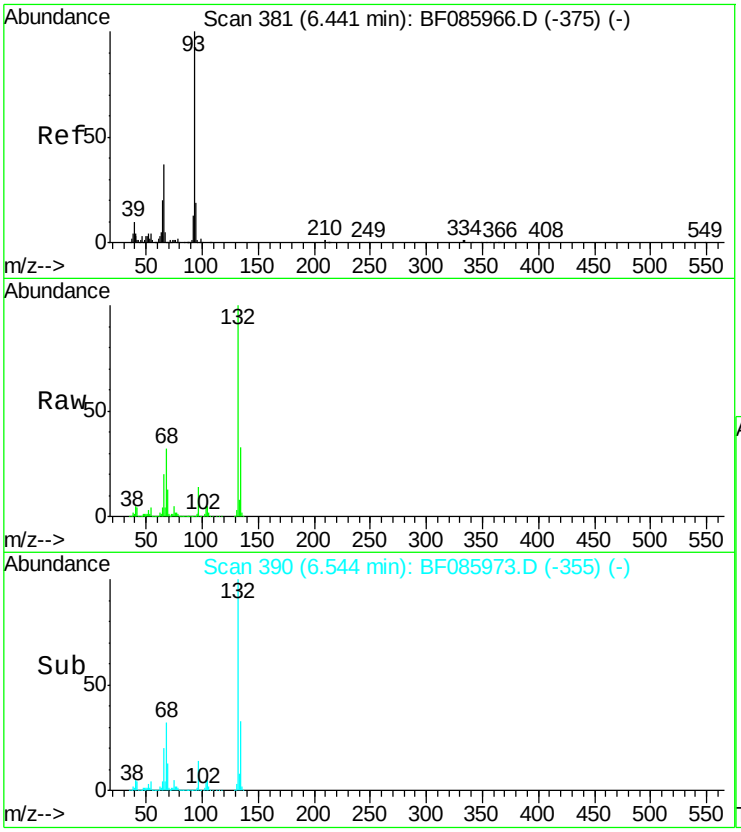


#5
2-Fluorophenol
Concen: 116.46 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:112 Resp: 758051

Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.9	59.9
63	29.6	20.2	30.2



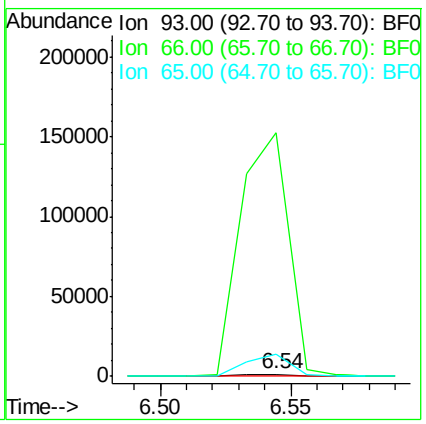


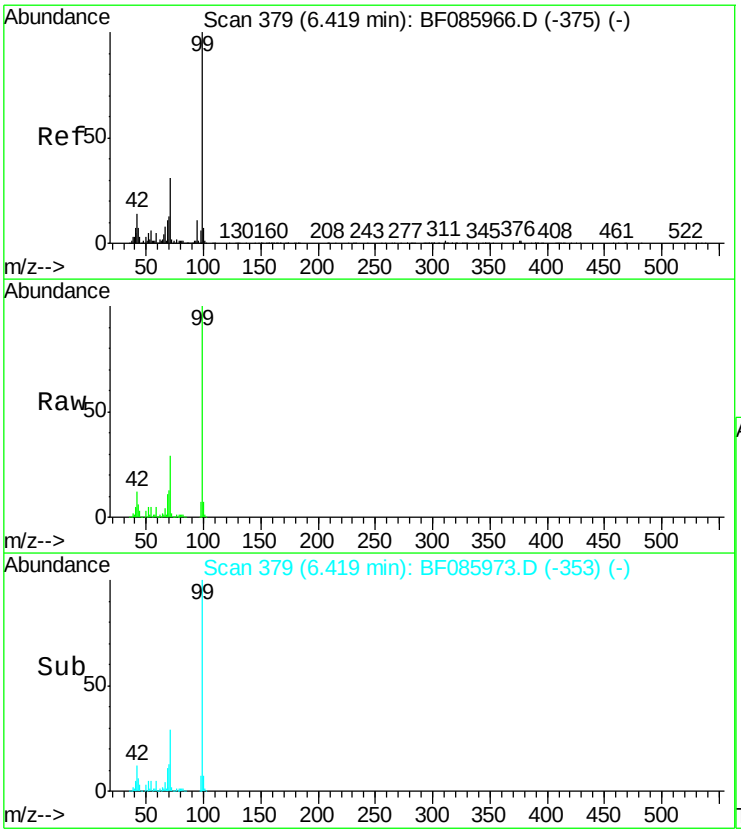
#6
Aniline
Concen: 0.12 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.10 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion: 93 Resp: 1276

Ion	Ratio	Lower	Upper
93	100		
66	14485.2	31.4	47.2#
65	1291.9	15.7	23.5#

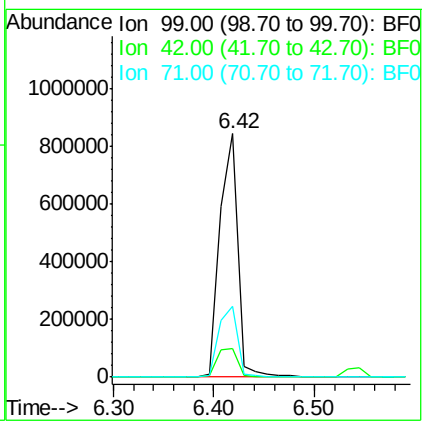


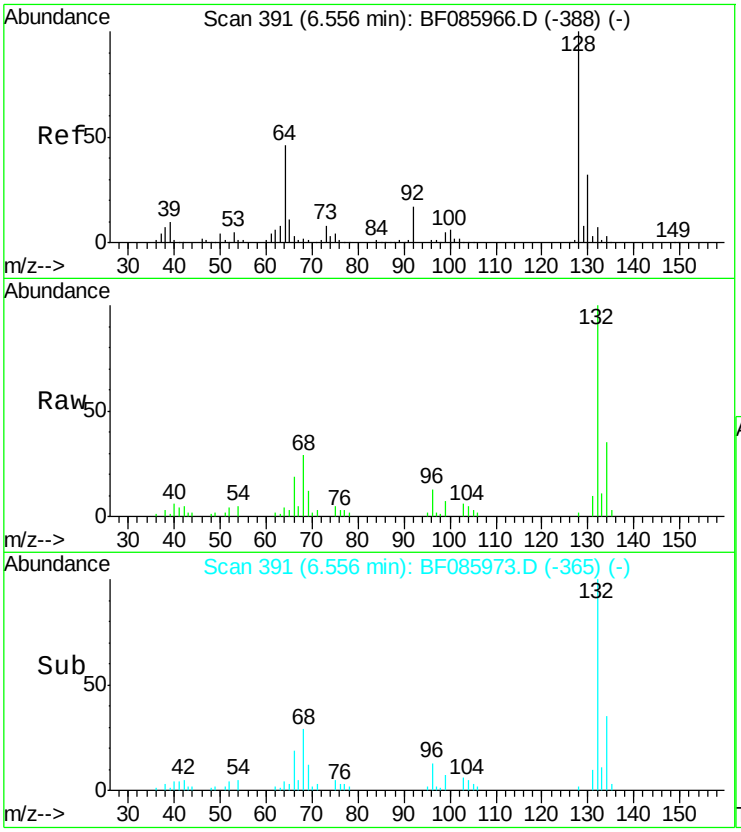


#7
Phenol-d6
Concen: 127.33 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 99 Resp: 1052737

Ion	Ratio	Lower	Upper
99	100		
42	11.9	11.1	16.7
71	29.3	24.9	37.3



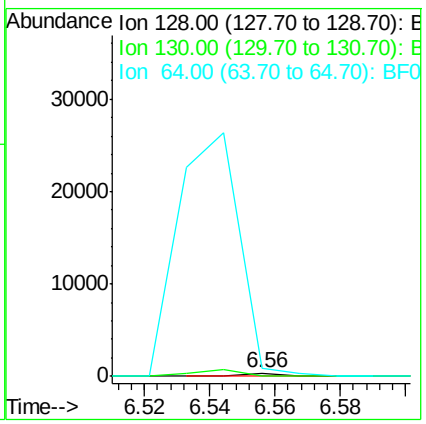


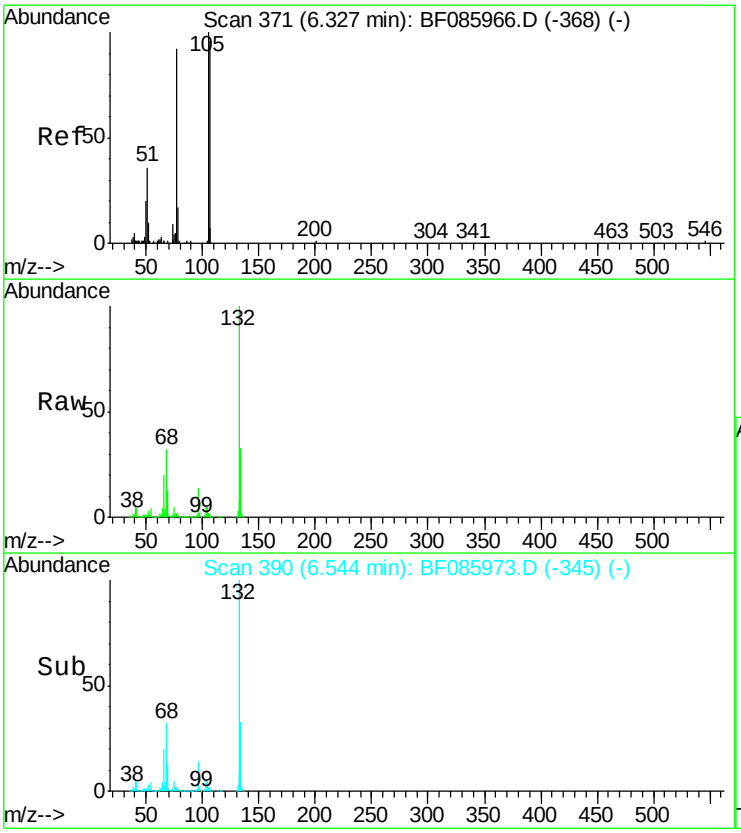
#8
2-Chlorophenol
Concen: 0.03 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:128 Resp: 240

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	246.3	20.2	60.2#

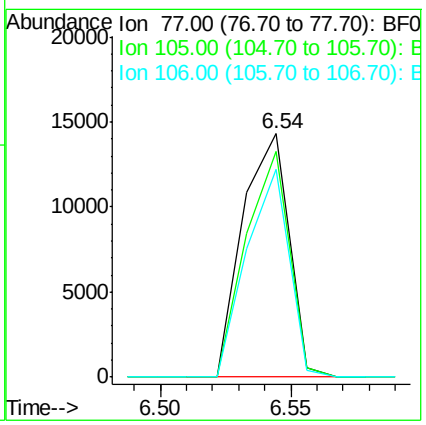


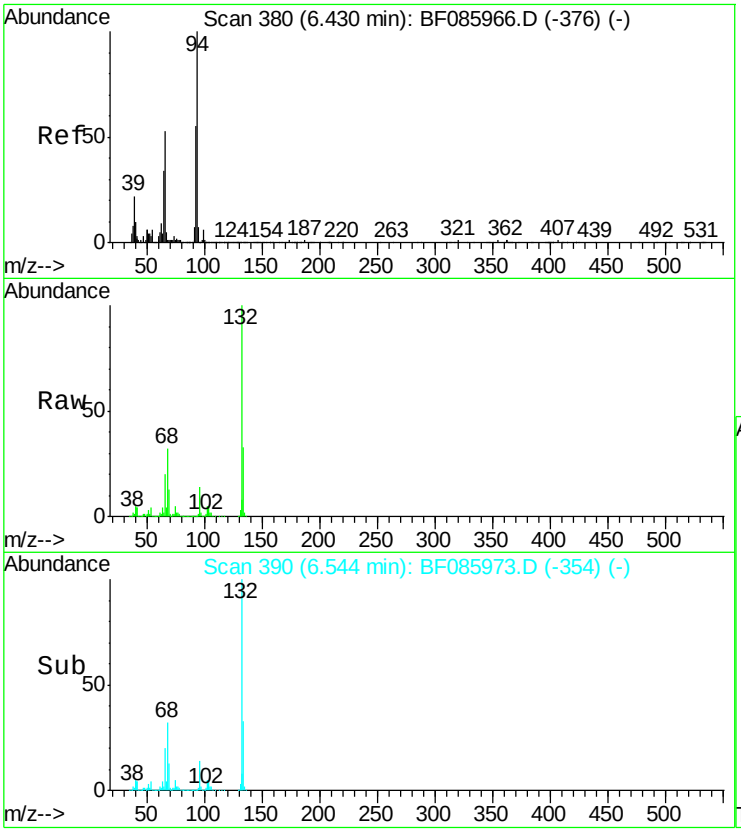


#9
Benzaldehyde
Concen: 3.97 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 77 Resp: 17683

Ion	Ratio	Lower	Upper
77	100		
105	92.7	80.1	120.1
106	85.2	75.0	115.0



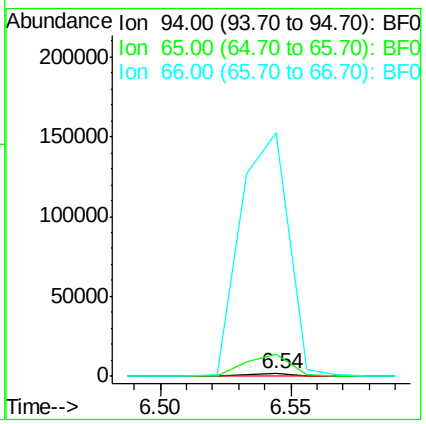


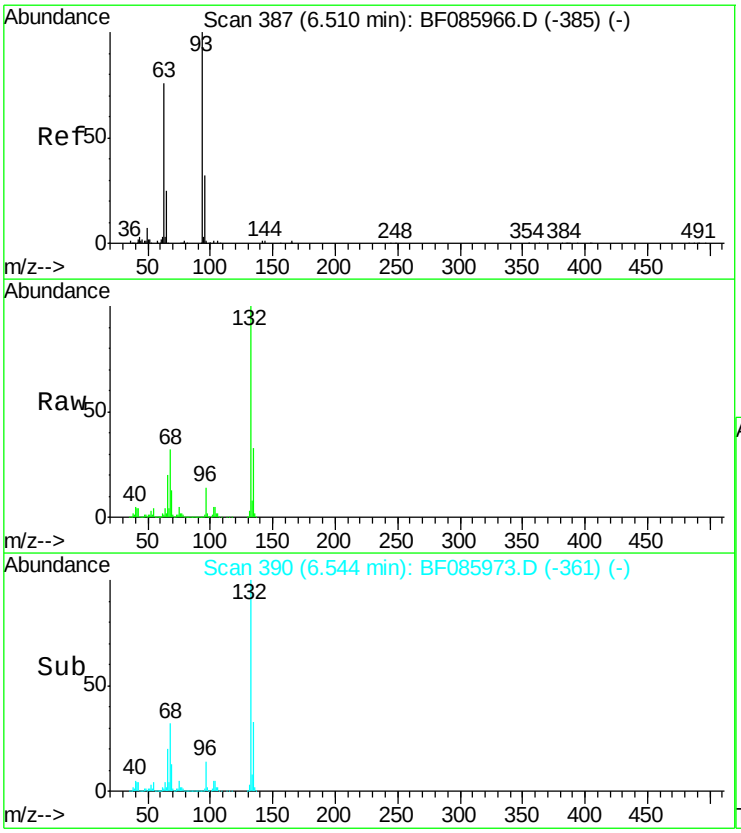
#10
Phenol
Concen: 0.18 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.11 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion: 94 Resp: 1709

Ion	Ratio	Lower	Upper
94	100		
65	865.7	8.6	48.6#
66	9706.0	20.0	60.0#

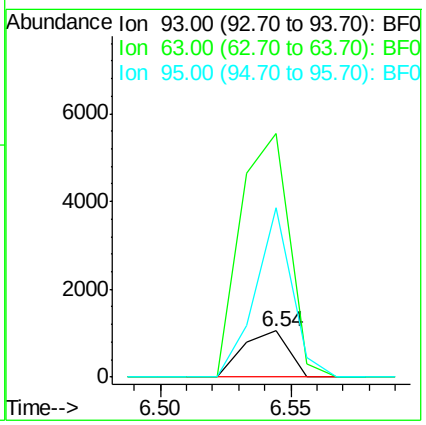


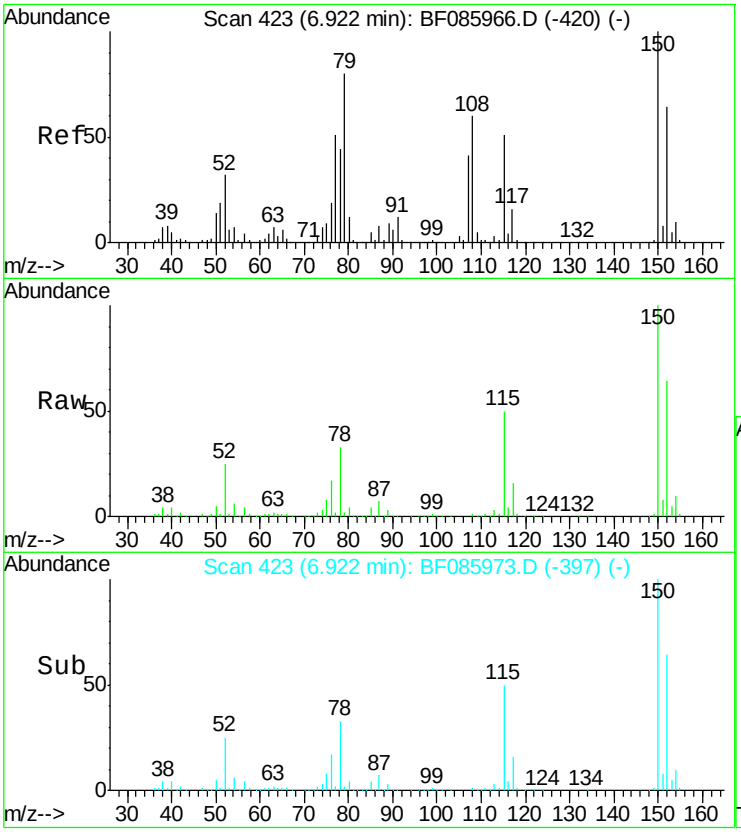


#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.03 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 93 Resp: 1276

Ion	Ratio	Lower	Upper
93	100		
63	527.1	50.9	90.9#
95	367.9	13.3	53.3#



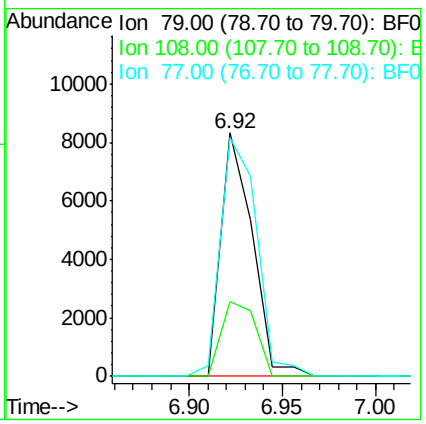


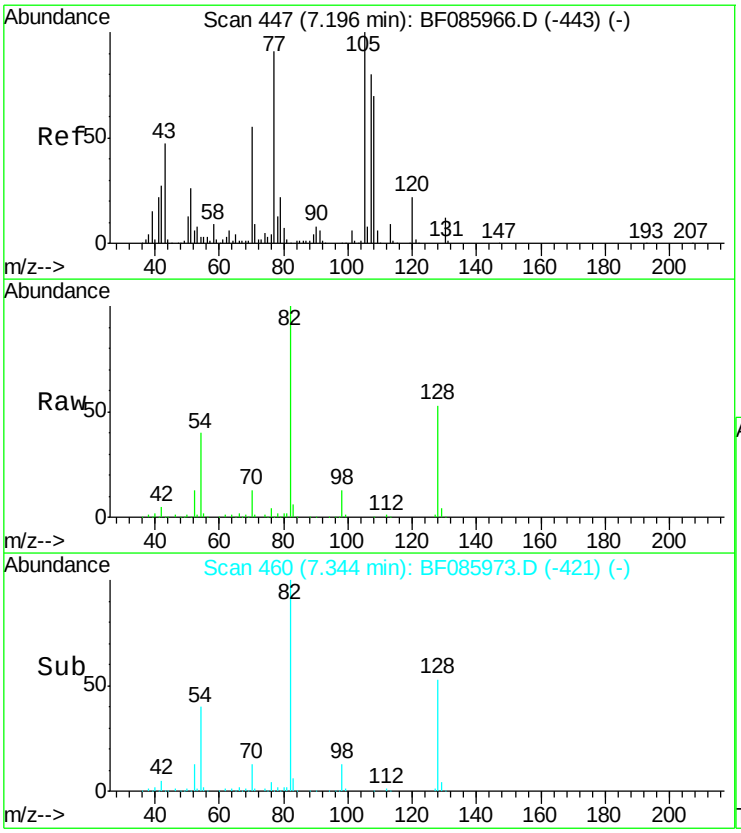
#15
Benzyl Alcohol
Concen: 1.84 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion: 79 Resp: 9828

Ion	Ratio	Lower	Upper
79	100		
108	30.9	61.8	92.6#
77	98.1	49.6	74.4#

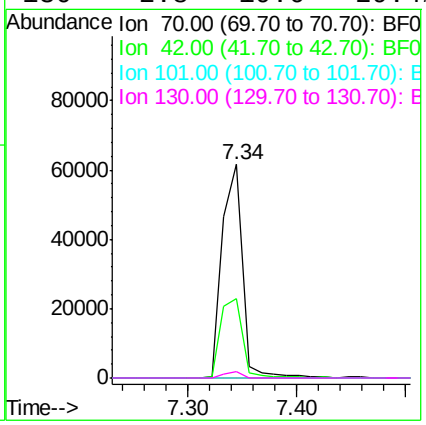


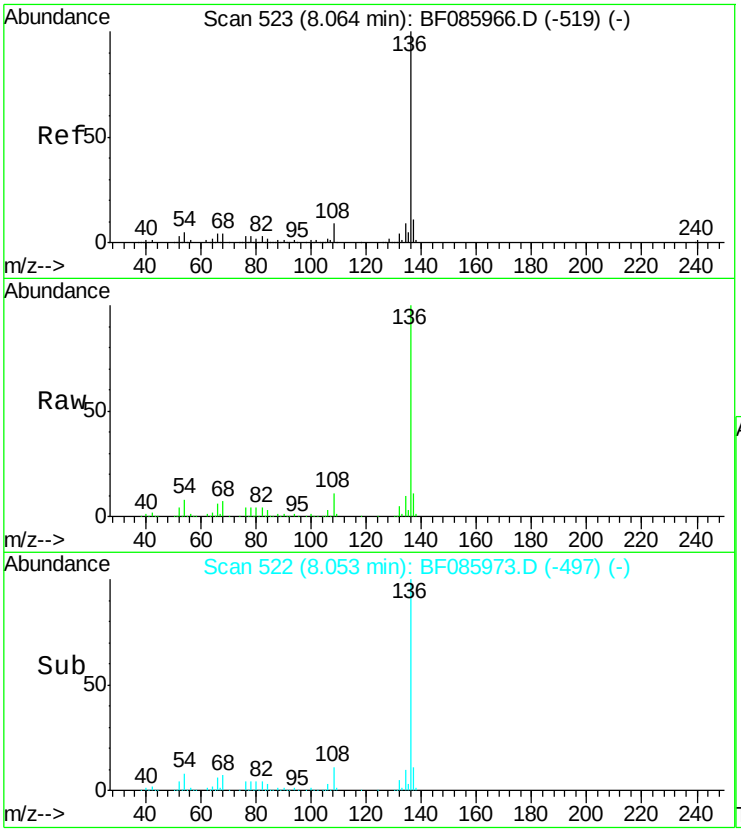


#19
n-Nitroso-di-n-propylamine
Concen: 15.64 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 70 Resp: 80168

Ion	Ratio	Lower	Upper
70	100		
42	36.9	37.1	55.7#
101	0.0	8.6	12.8#
130	2.8	19.6	29.4#



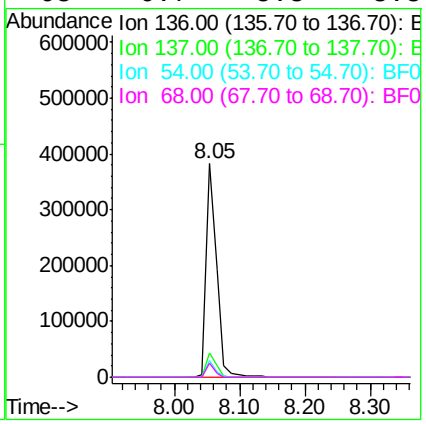


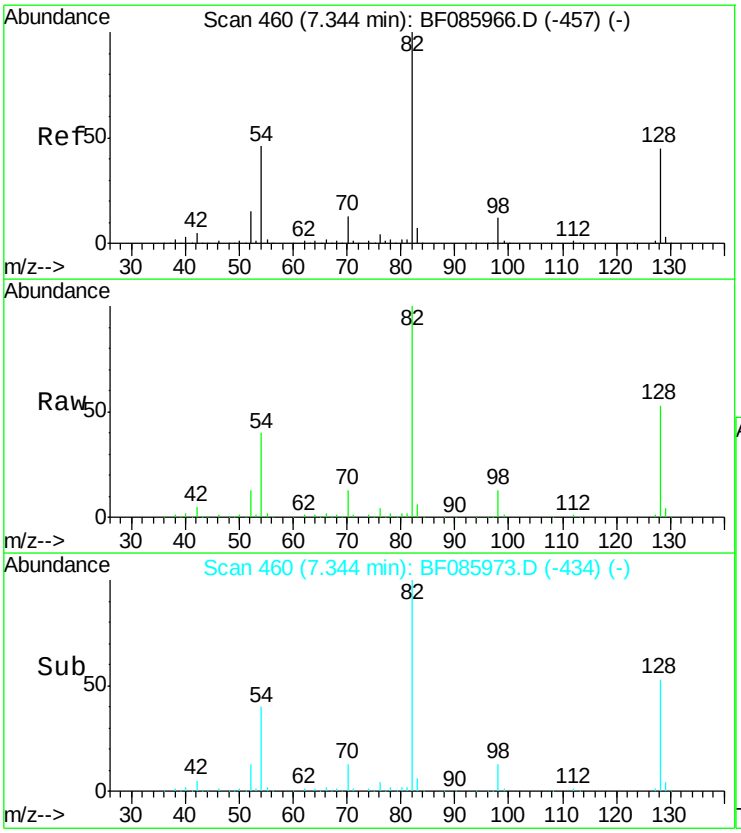
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:136 Resp: 426469

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.0	7.4	11.0
68	6.7	5.8	8.8

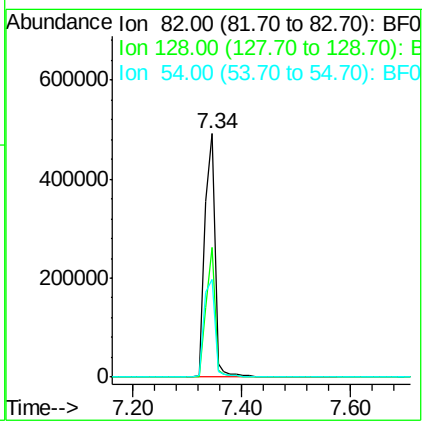


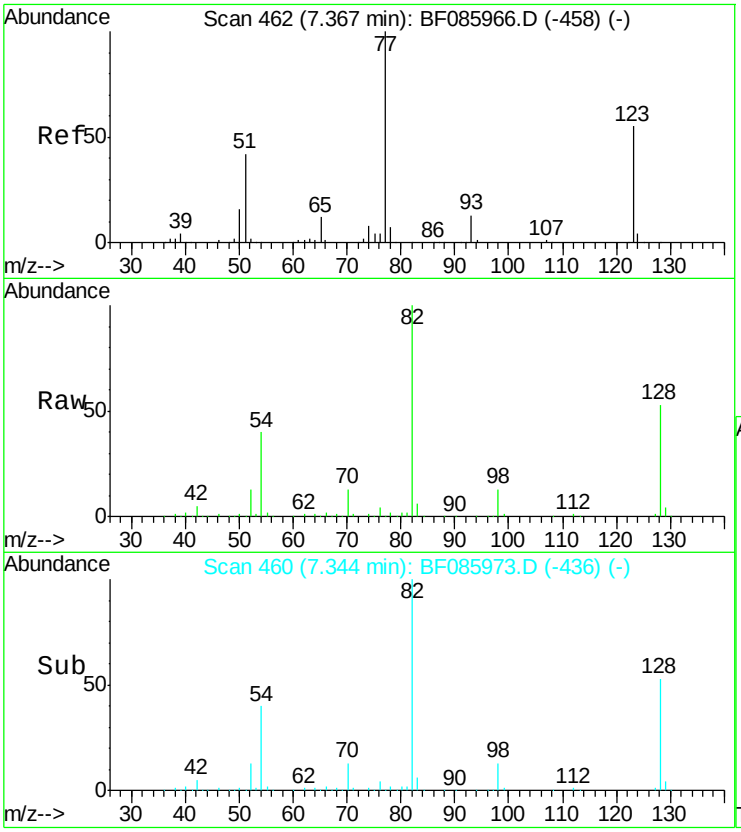


#23
Nitrobenzene-d5
Concen: 87.03 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 82 Resp: 629384

Ion	Ratio	Lower	Upper
82	100		
128	53.0	41.8	62.8
54	39.9	33.4	50.0



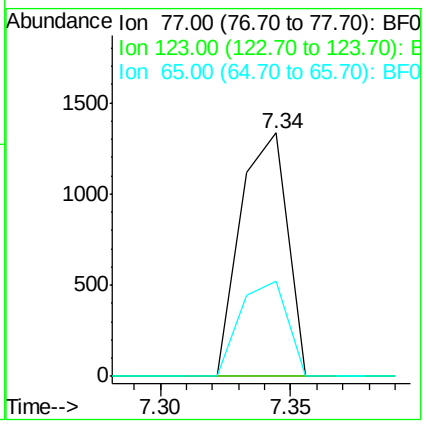


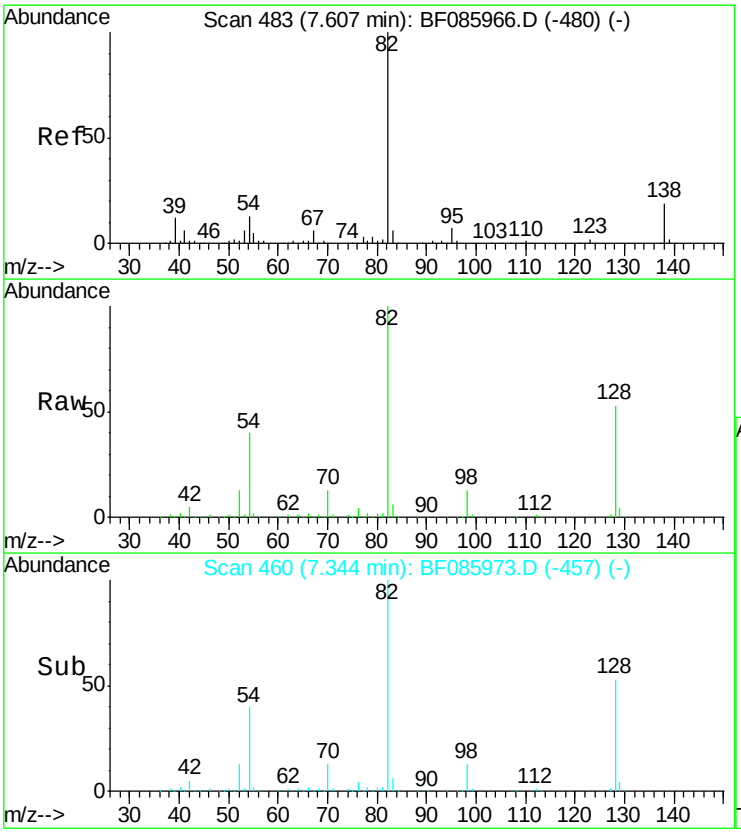
#24
Nitrobenzene
Concen: 0.21 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion: 77 Resp: 1686

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	39.1	10.6	16.0#

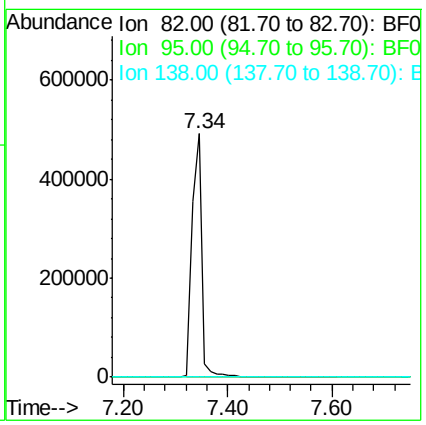


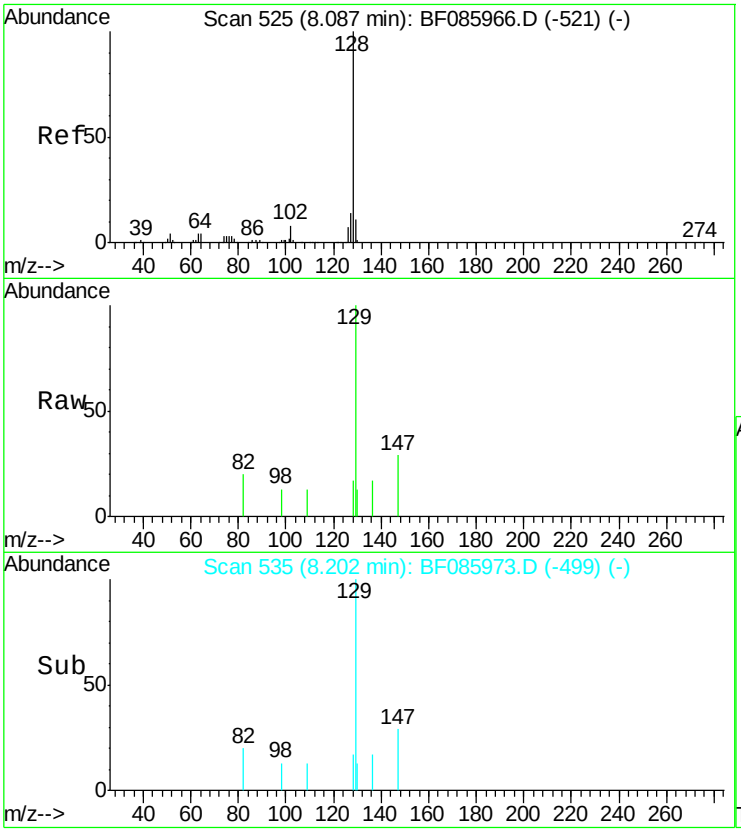


#25
Isophorone
Concen: 43.96 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 82 Resp: 627560

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



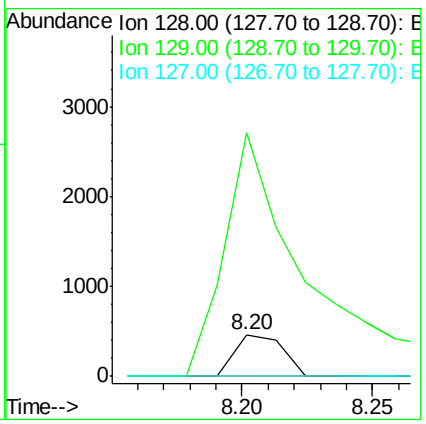


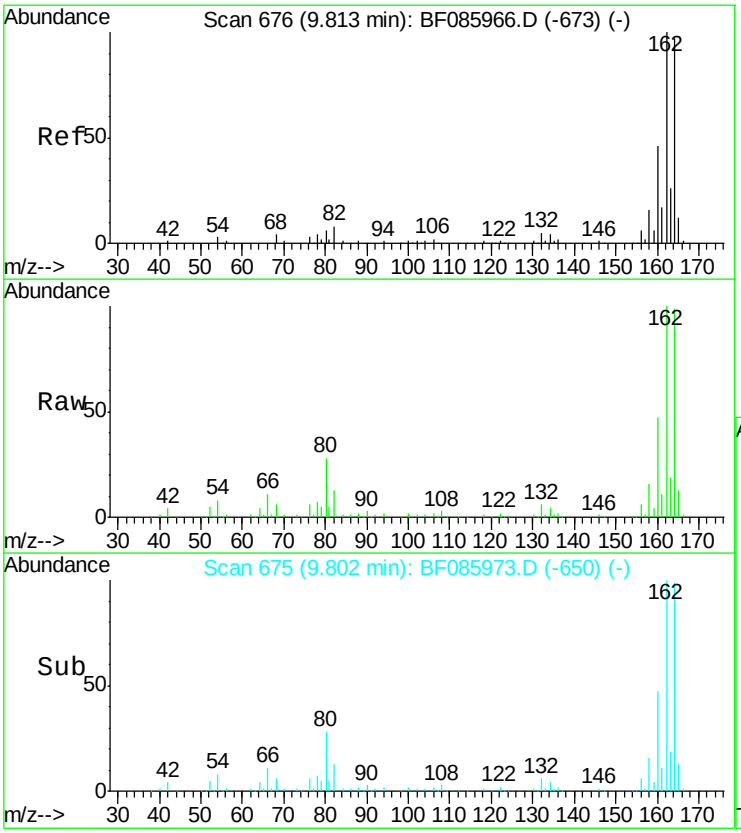
#31
Naphthalene
Concen: 0.03 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.11 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:128 Resp: 599

Ion	Ratio	Lower	Upper
128	100		
129	581.1	9.4	14.0#
127	0.0	11.0	16.6#

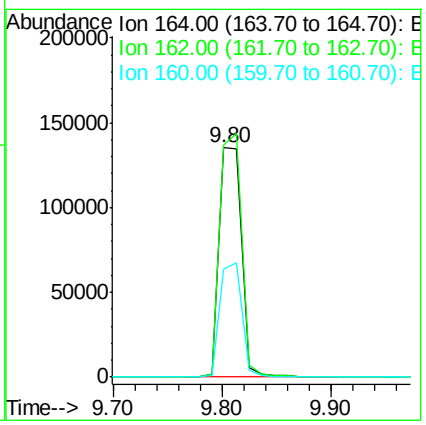


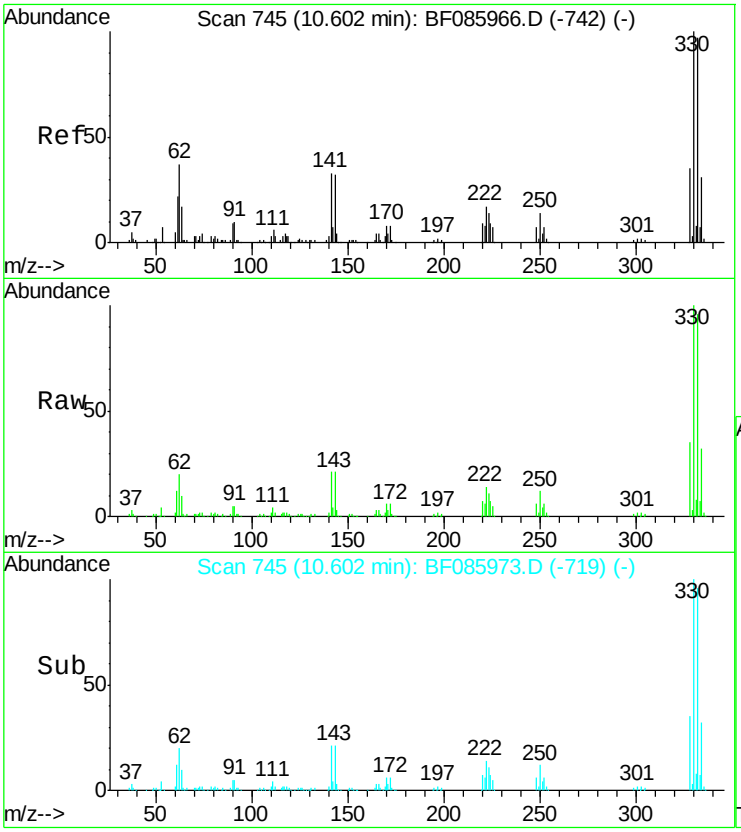


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:164 Resp: 192849

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.1	123.1
160	47.1	37.4	56.2



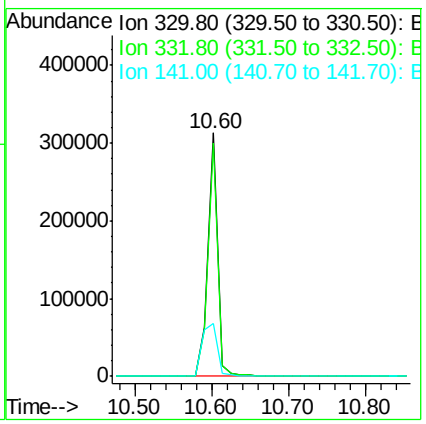


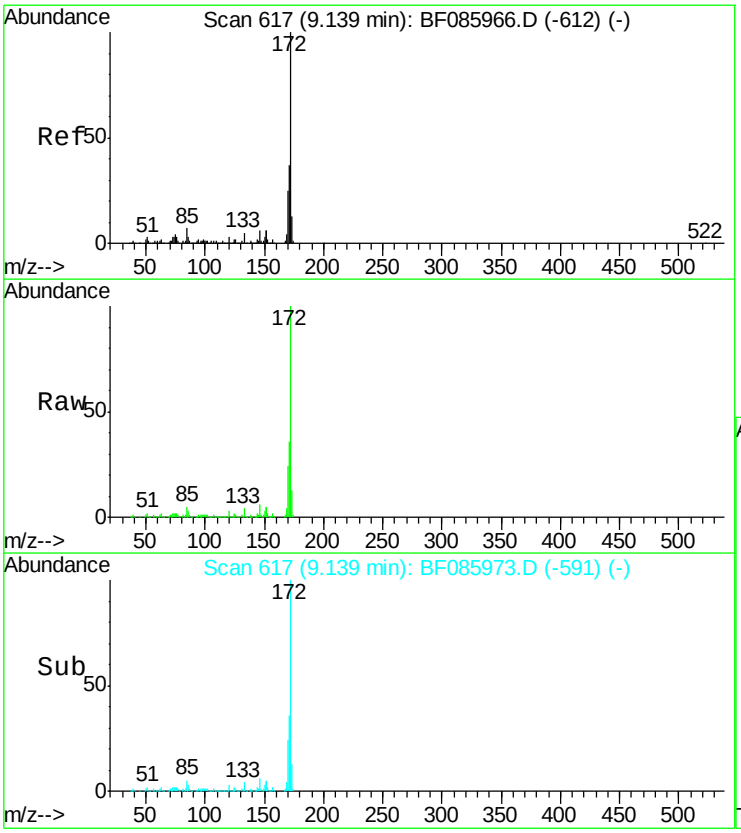
#41
2,4,6-Tribromophenol
Concen: 152.48 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:330 Resp: 276005

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	33.8	31.5	47.3

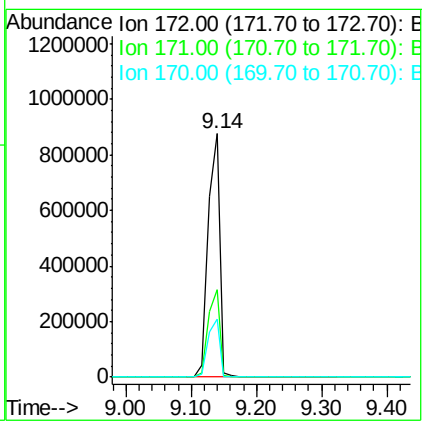


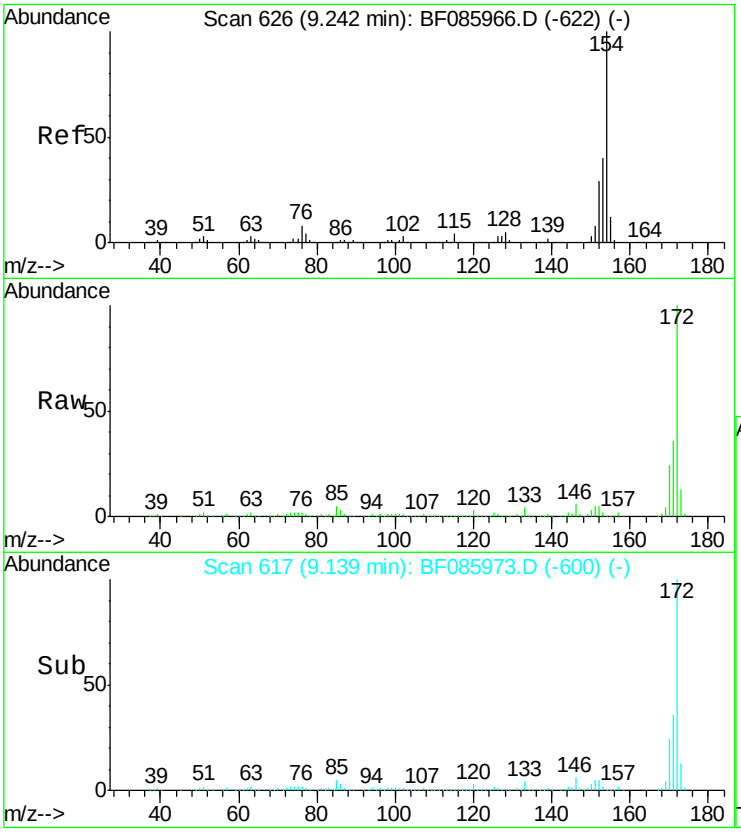


#44
2-Fluorobiphenyl
Concen: 94.71 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:172 Resp: 1098455

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	23.9	19.8	29.6



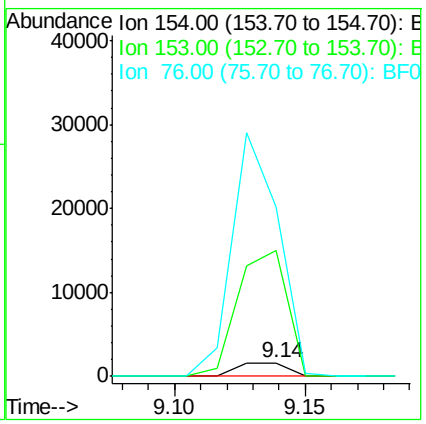


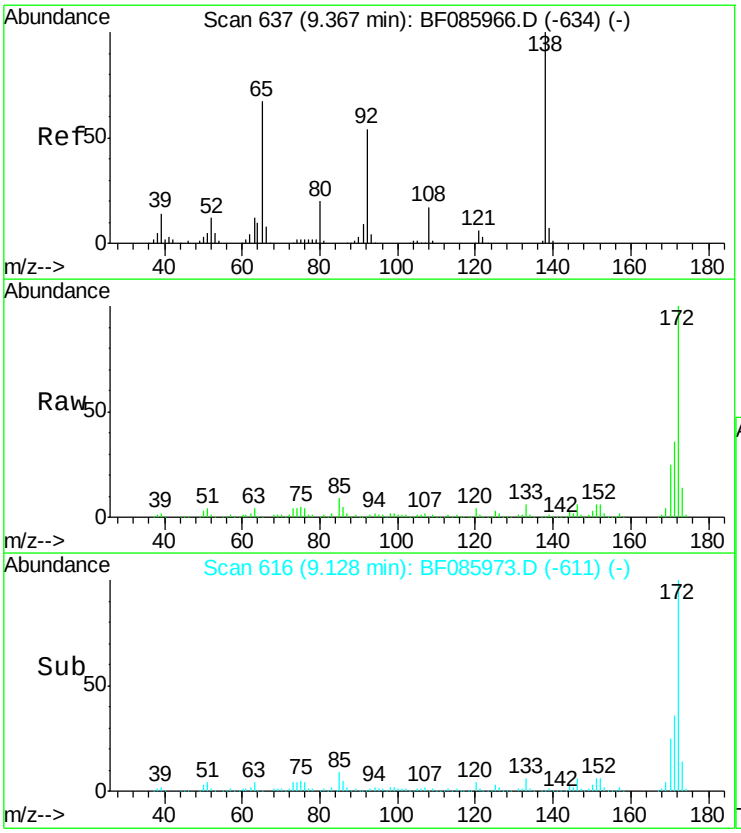
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.10 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:154 Resp: 2199

Ion	Ratio	Lower	Upper
154	100		
153	934.3	20.8	60.8#
76	1254.1	0.0	36.7#

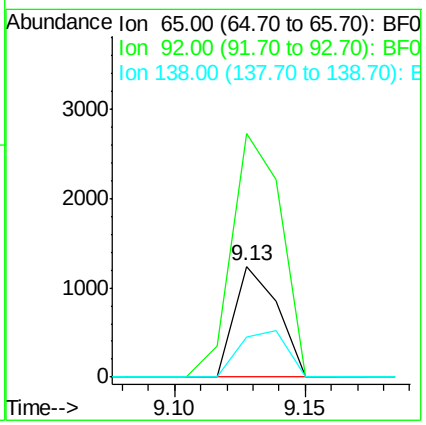


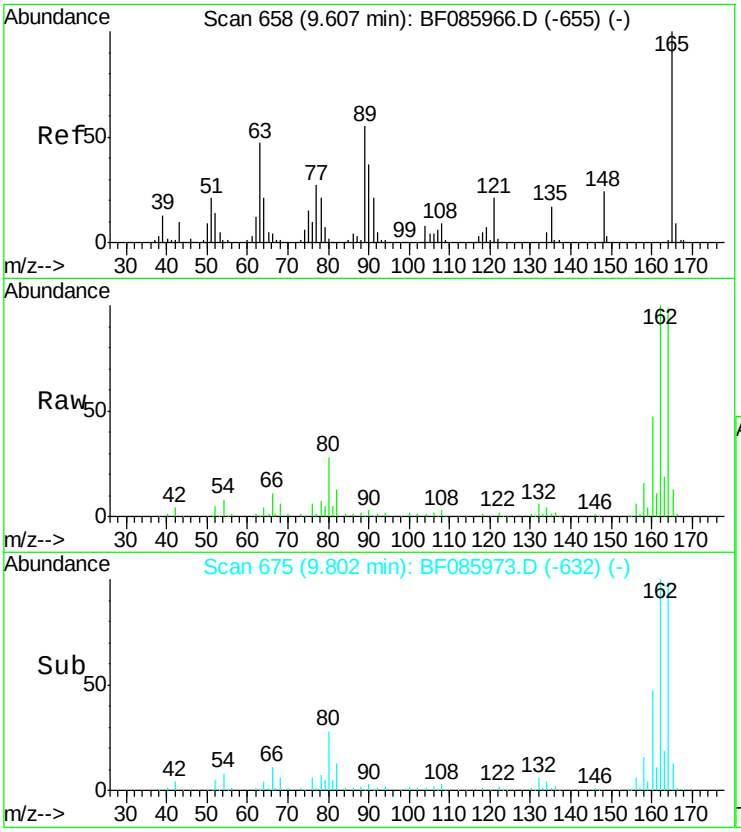


#47
2-Nitroaniline
Concen: 0.41 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.24 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 65 Resp: 1441

Ion	Ratio	Lower	Upper
65	100		
92	219.4	59.7	89.5#
138	36.2	91.4	137.0#



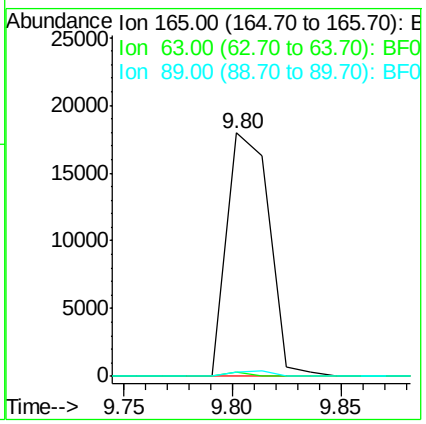


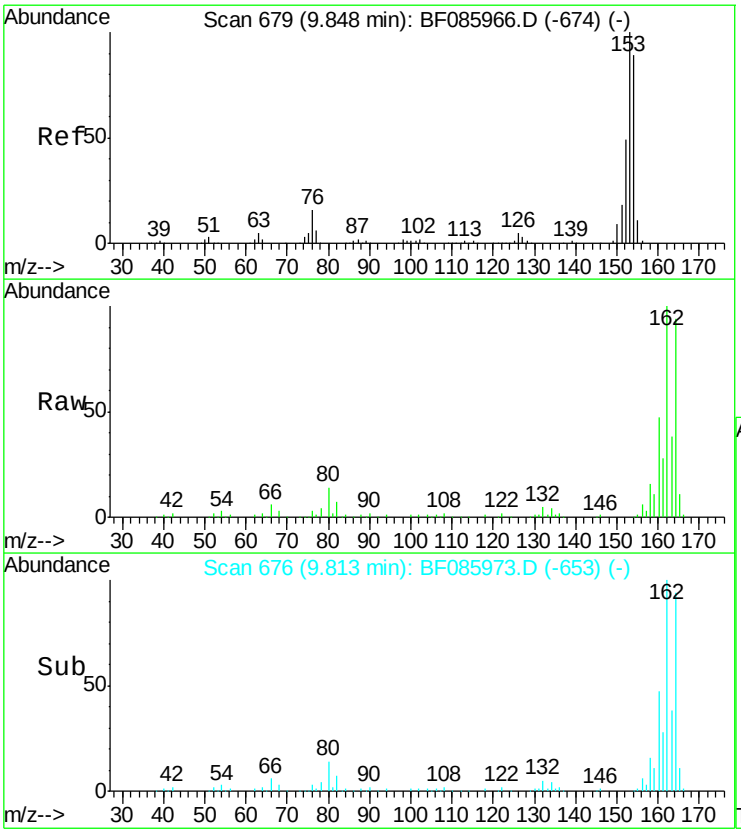
#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:165 Resp: 24202

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	1.9	53.7	80.5#

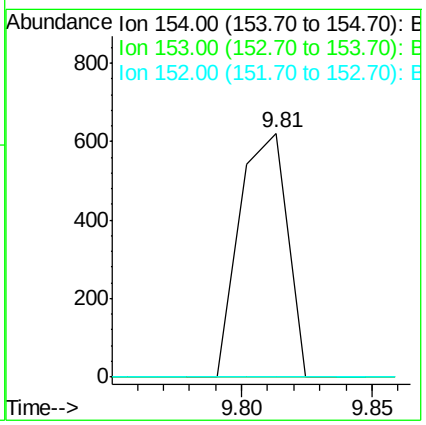


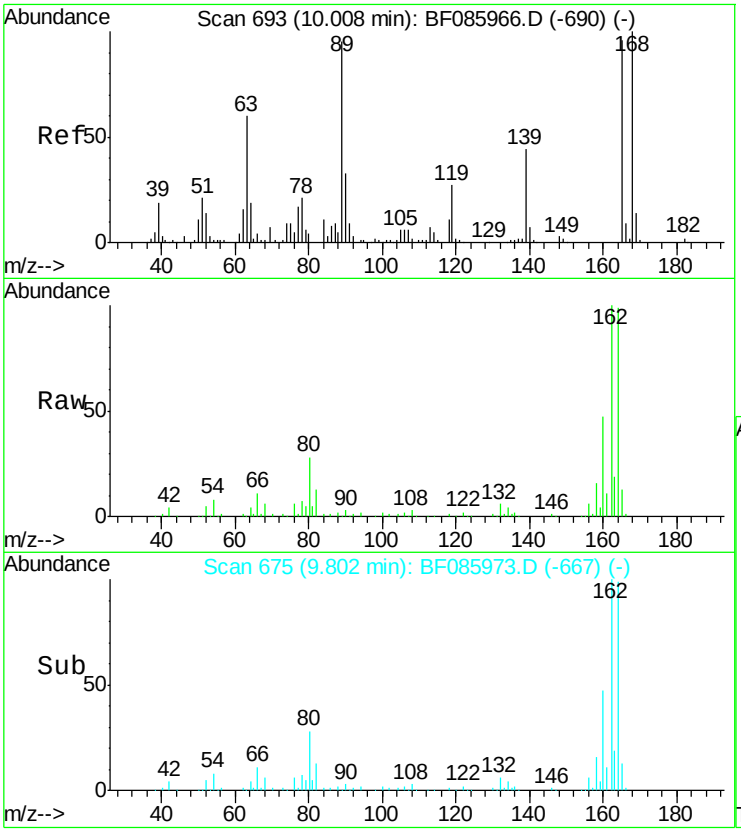


#51
Acenaphthene
Concen: 0.07 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:154 Resp: 797

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	44.2	66.2#



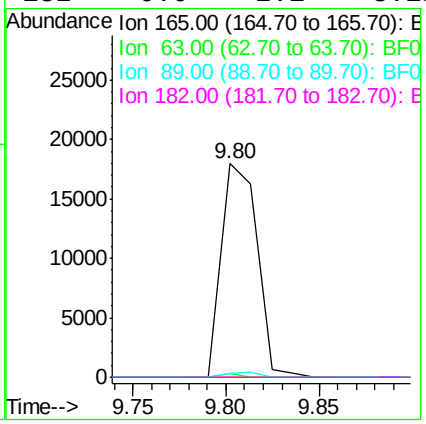


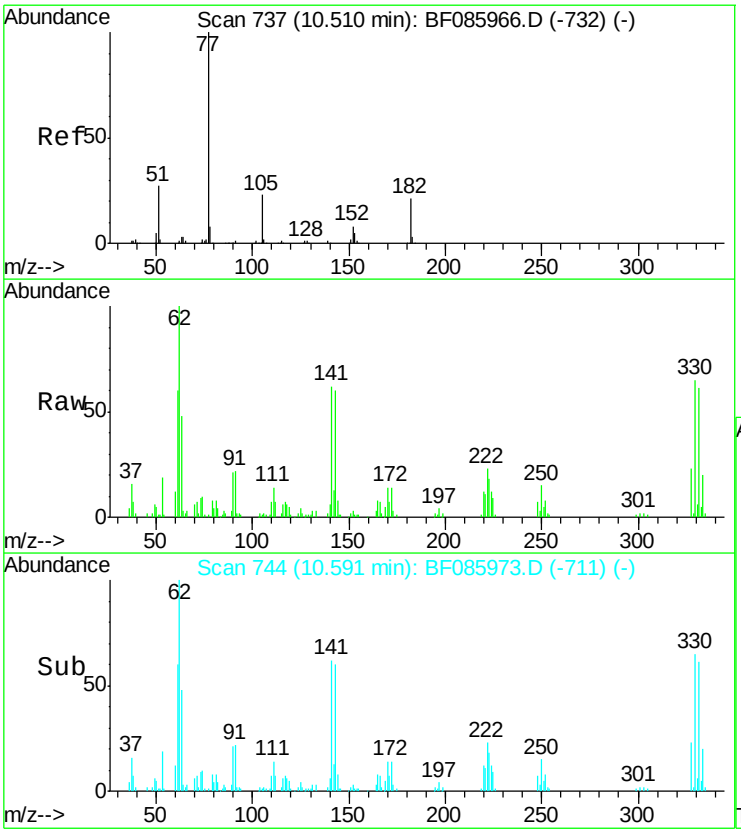
#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:165 Resp: 24203

Ion	Ratio	Lower	Upper
165	100		
63	1.9	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

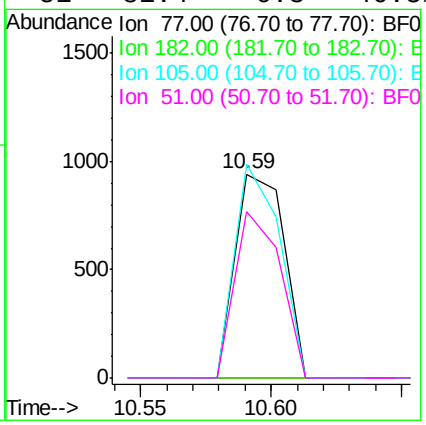


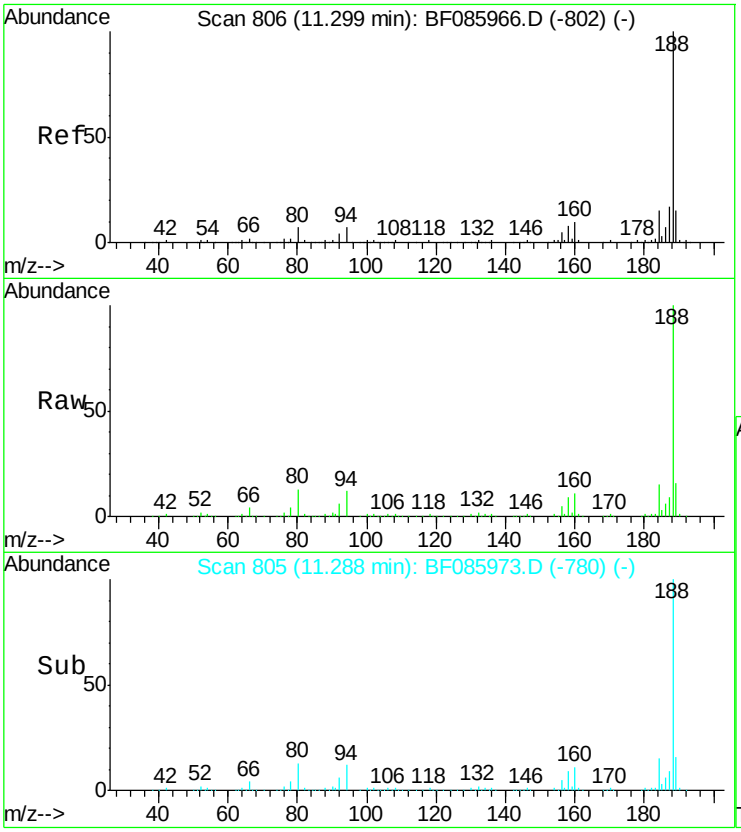


#62
Azobenzene
Concen: 0.09 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.08 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion: 77 Resp: 1241

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.9	41.9#
105	104.8	3.5	43.5#
51	81.4	6.3	46.3#



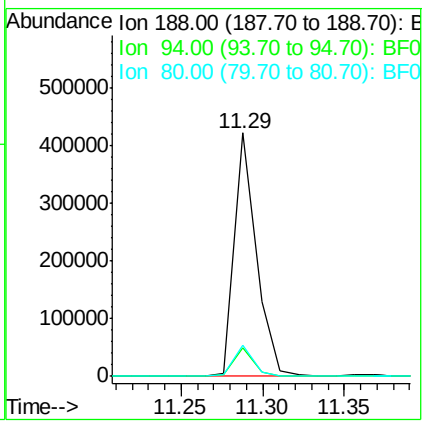


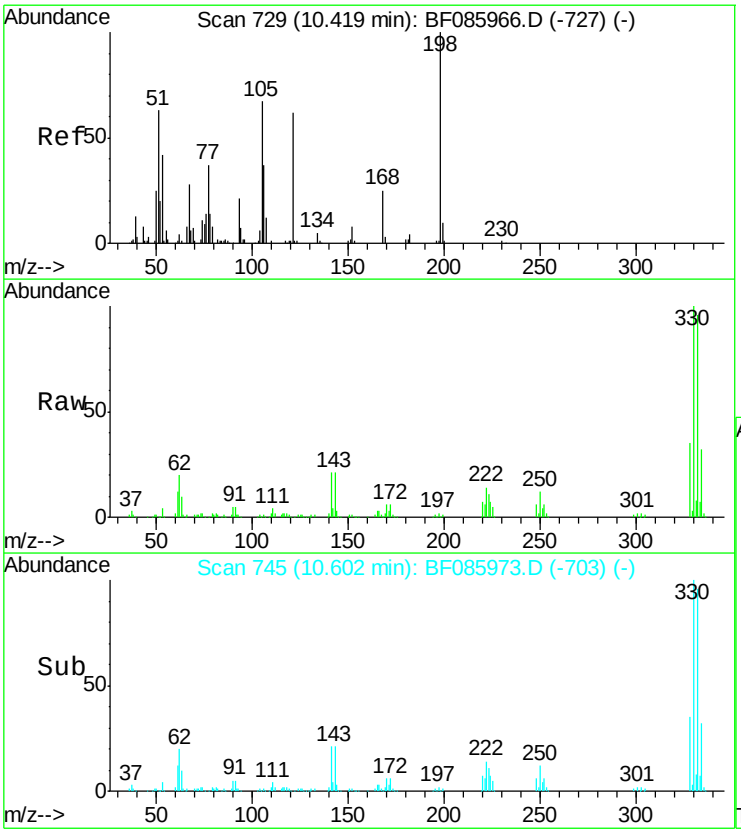
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:188 Resp: 393725

Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.4	8.0#
80	12.9	5.5	8.3#

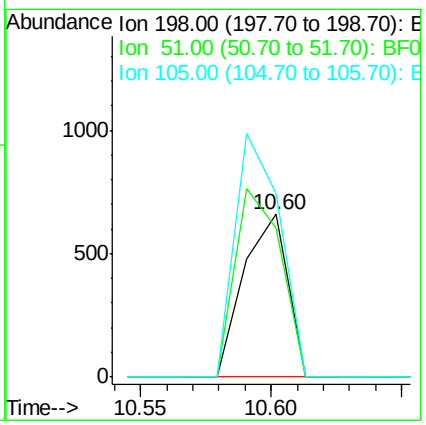


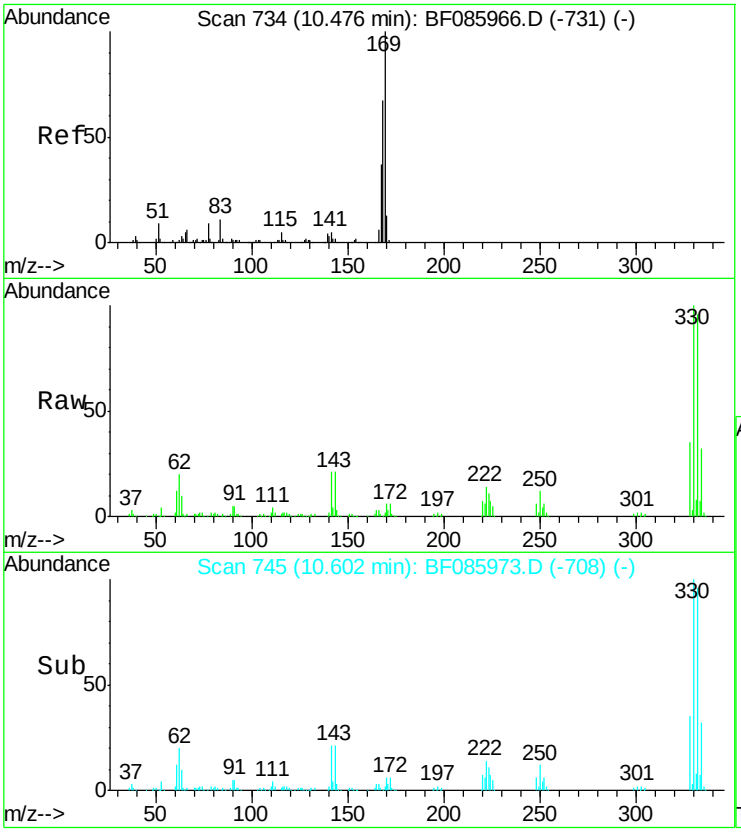


#64
4,6-Dinitro-2-methylphenol
Concen: 0.33 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.18 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:198 Resp: 781

Ion	Ratio	Lower	Upper
198	100		
51	91.4	45.4	85.4#
105	113.1	45.9	85.9#



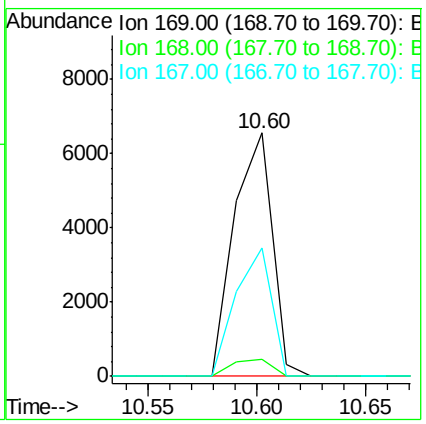


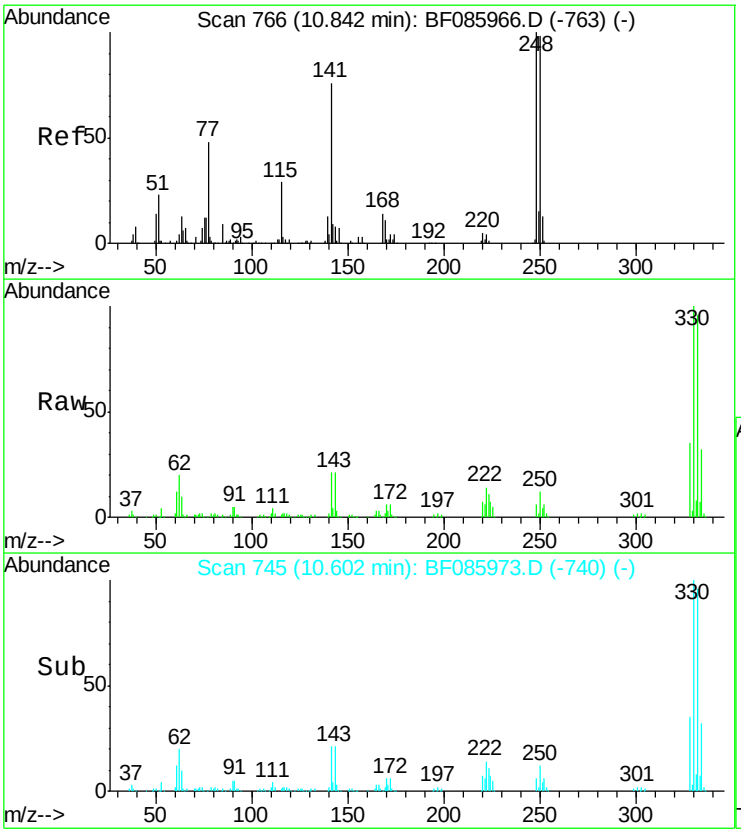
#65
n-Nitrosodiphenylamine
Concen: 0.65 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.13 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument : BNA_F
ClientSampleId : PB89334BL

Tgt Ion:169 Resp: 7975

Ion	Ratio	Lower	Upper
169	100		
168	7.2	54.4	81.6#
167	52.7	29.4	44.0#

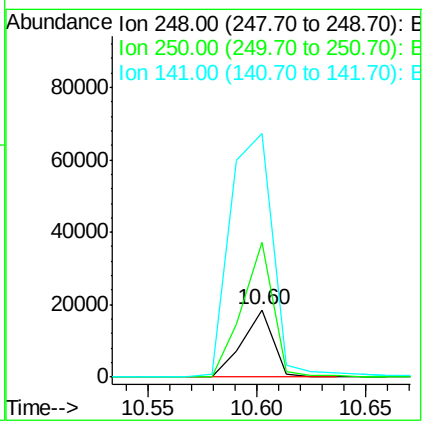


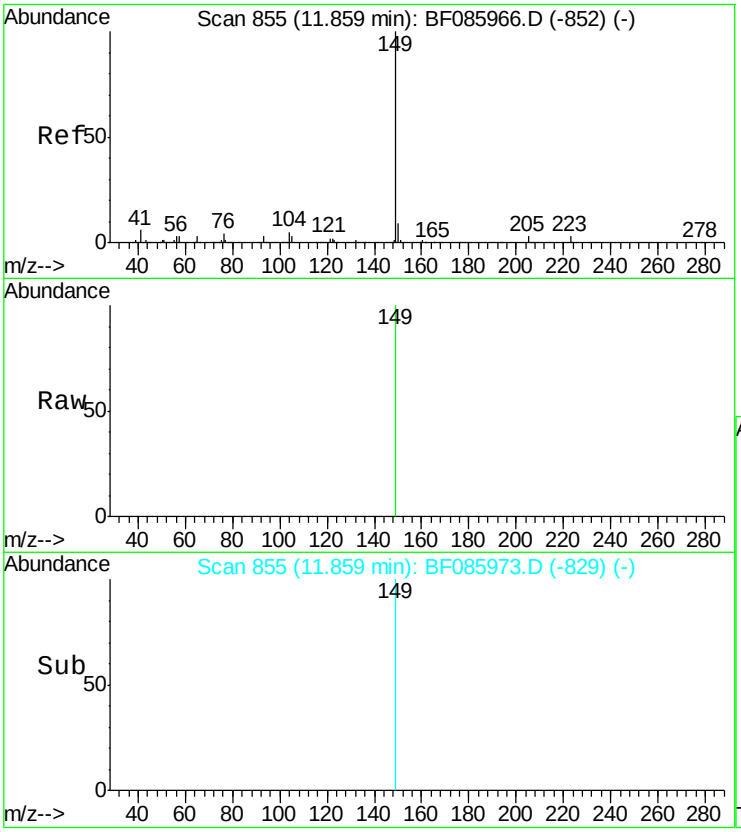


#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:248 Resp: 18226

Ion	Ratio	Lower	Upper
248	100		
250	199.1	77.4	116.0#
141	361.3	63.6	95.4#



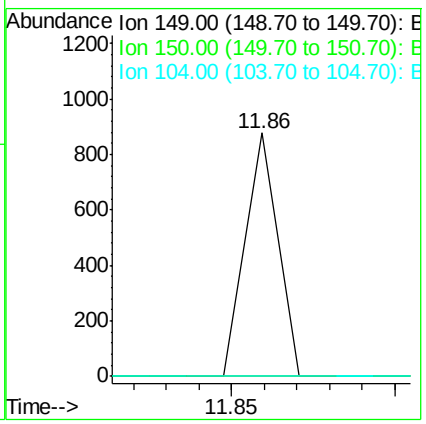


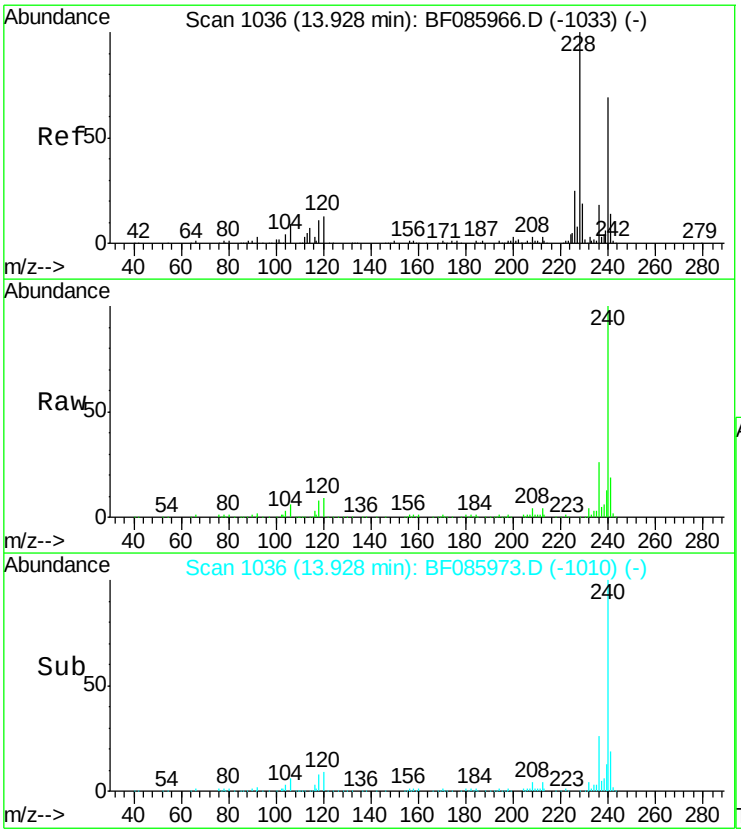
#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:149 Resp: 602

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	3.8	5.8#

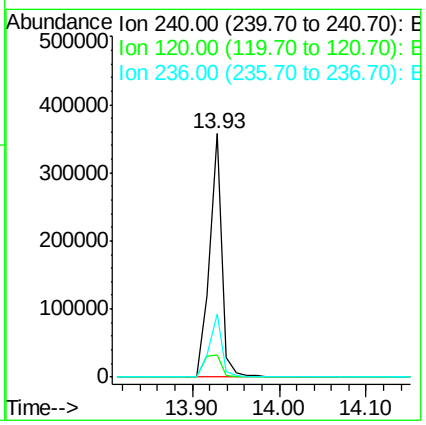


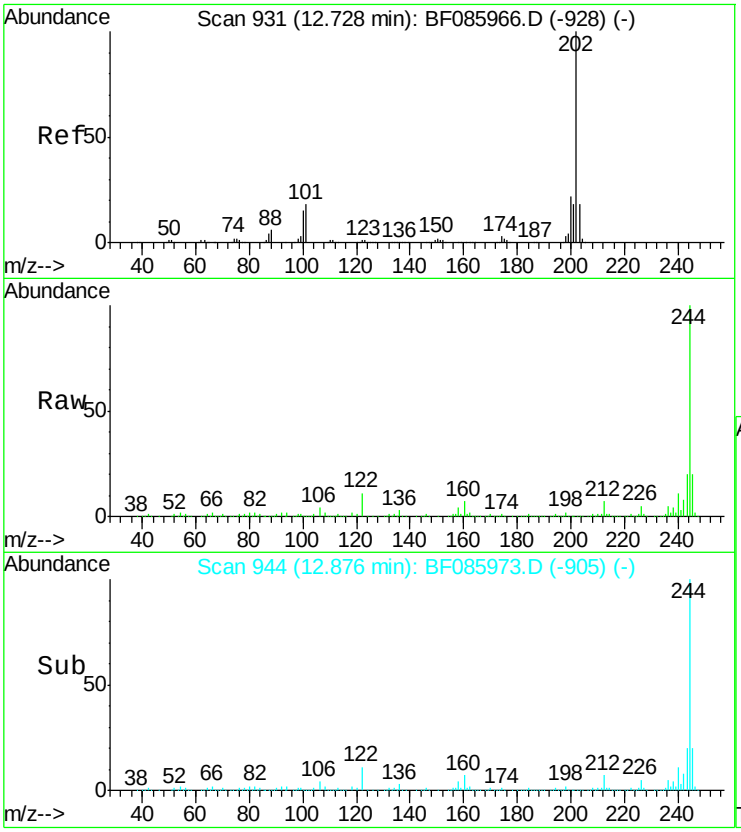


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:240 Resp: 356176

Ion	Ratio	Lower	Upper
240	100		
120	9.4	13.8	20.8#
236	25.9	20.6	30.8



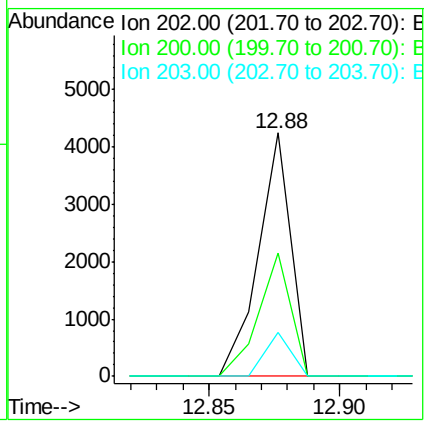


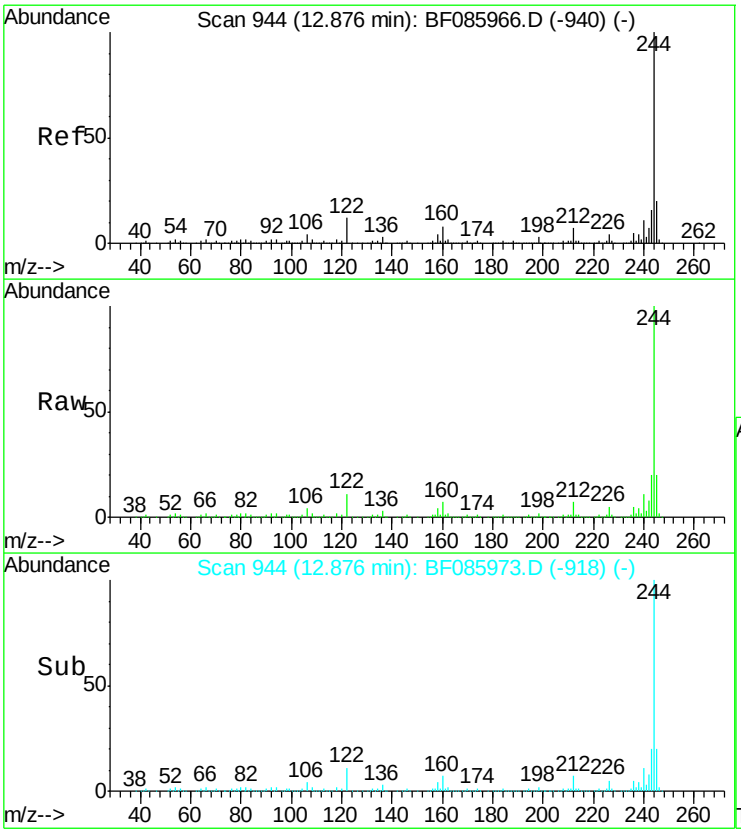
#77
Pyrene
Concen: 0.15 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.15 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:202 Resp: 3679

Ion	Ratio	Lower	Upper
202	100		
200	50.8	17.6	26.4#
203	17.8	14.0	21.0

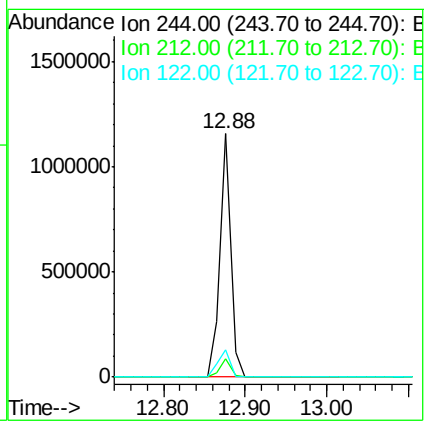


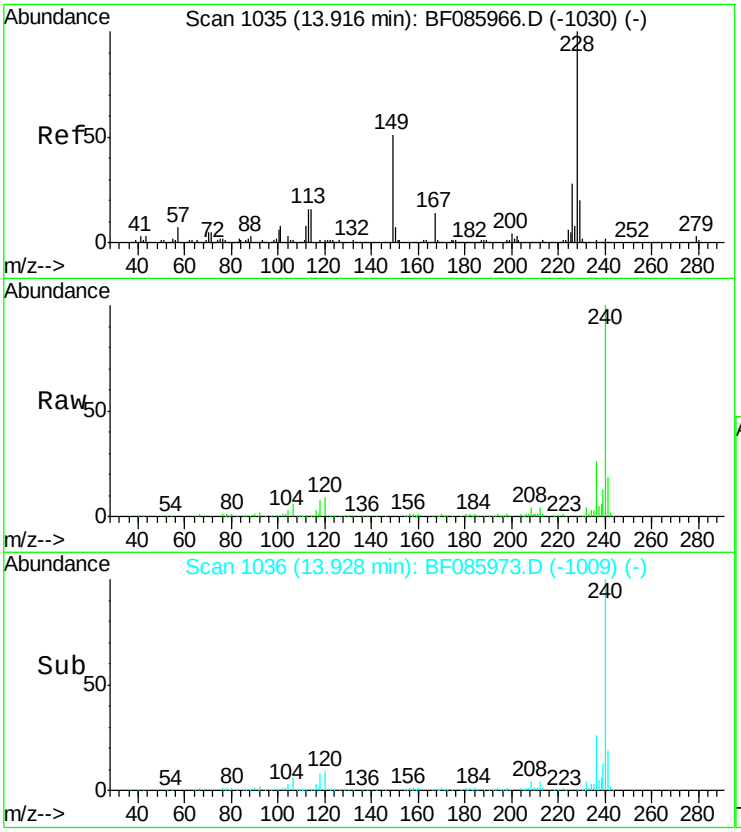


#78
Terphenyl-d14
Concen: 70.21 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:244 Resp: 1063852

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.3	10.2	15.4



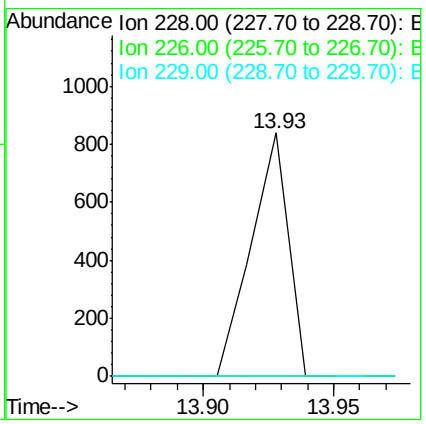


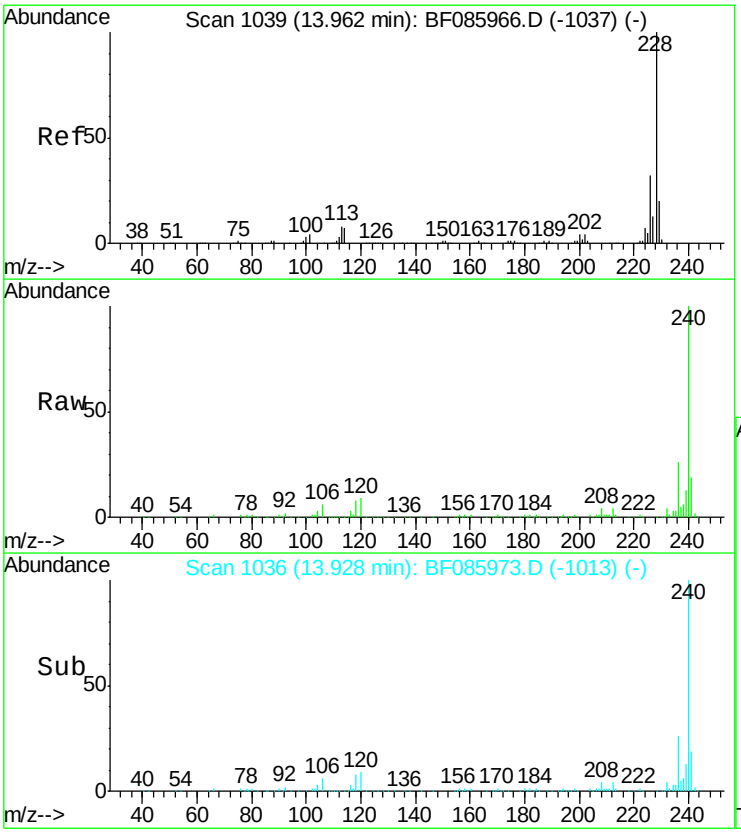
#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:228 Resp: 840

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.1	33.1#
229	0.0	16.2	24.4#

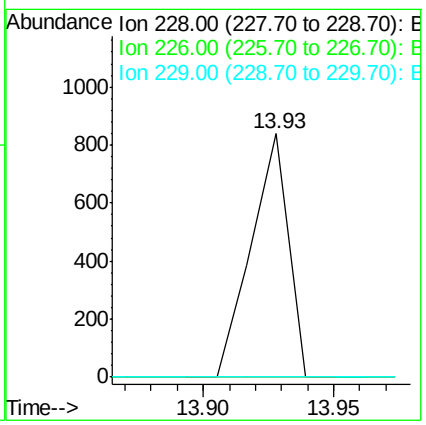


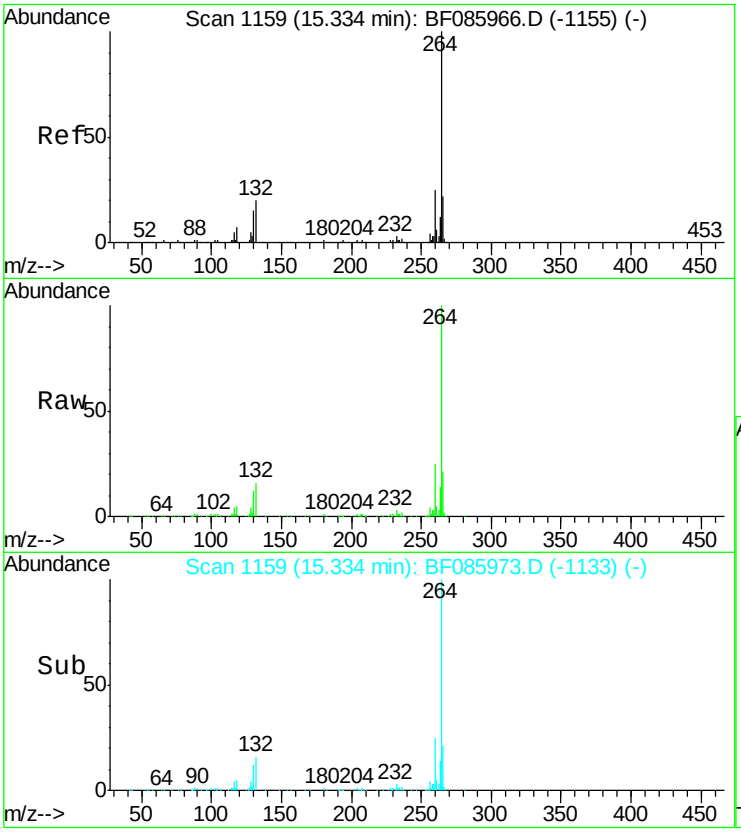


#82
Chrysene
Concen: 0.04 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:228 Resp: 840

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	0.0	15.7	23.5#



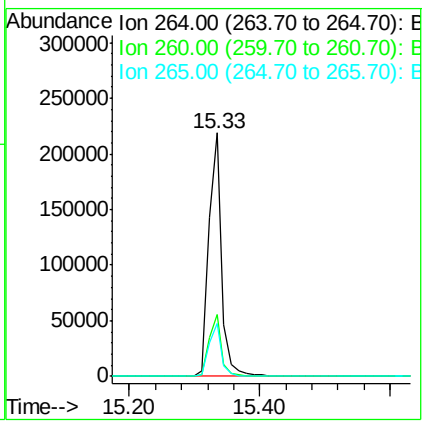


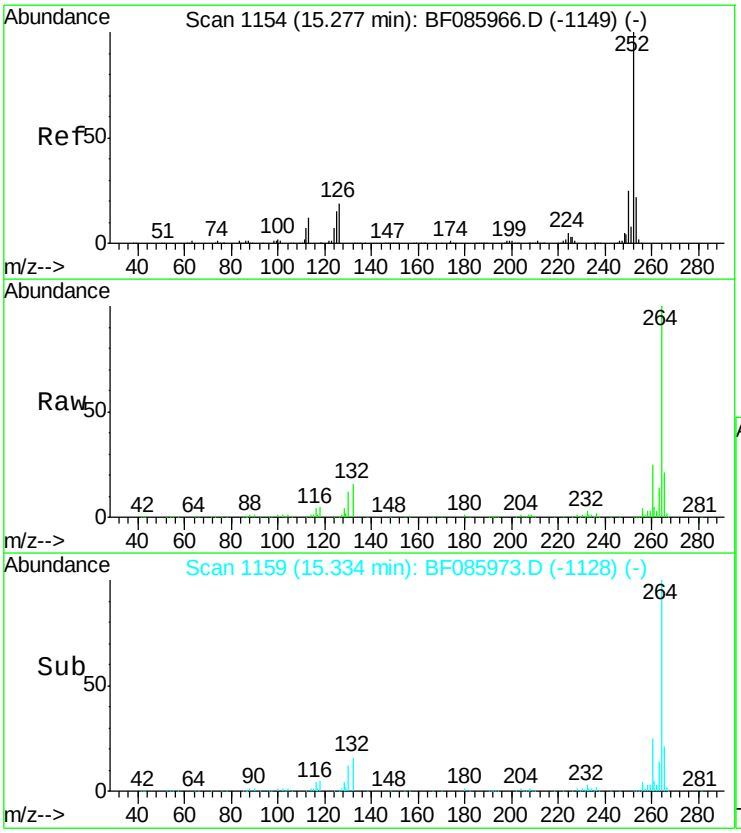
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Instrument :
BNA_F
ClientSampleId :
PB89334BL

Tgt Ion:264 Resp: 300281

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	21.5	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.06 min
Lab File: BF085973.D
Acq: 1 Apr 2016 20:46

Tgt Ion:252 Resp: 789

Ion	Ratio	Lower	Upper
252	100		
253	44.3	17.4	26.0#
125	0.0	10.3	15.5#