Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080616.D
Acq On : 24 Jul 2015 3:28
Operator : TP/UM
Sample : G3053-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-07212015

Quant Time: Jul 24 04:46:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	40632	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	154963	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	63621	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	115911	20.00	ng		0.00
75) Chrysene-d12	14.23	240	98267	20.00	ng		0.05
86) Perylene-d12	15.84	264	121244	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.56	99	64121	22.30	ng		0.00
23) Nitrobenzene-d5	7.50	82	236831	86.59	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	47183	93.59	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	404224	92.19	ng		0.00
78) Terphenyl-d14	13.08	244	318814	67.89	ng		0.01
Target Compounds							Qvalue
3) Pyridine	3.38	79	8281	2.78	ng		95
6) Aniline	6.60	93	93492	22.24	ng		97
8) 2-Chlorophenol	6.73	128	52643	20.84	ng		96
9) Benzaldehyde	6.70	77	4847	2.28	ng		88
10) Phenol	6.60	94	8116	2.36	ng	#	1
11) bis(2-Chloroethyl)ether	6.60	93	93492	39.13	ng	#	15
12) 1,3-Dichlorobenzene	6.97	146	59141	18.46	ng		94
13) 1,4-Dichlorobenzene	6.97	146	59141	18.81	ng		98
14) 1,2-Dichlorobenzene	7.12	146	339653	116.54	ng		99
19) n-Nitroso-di-n-propylamine	7.50	70	32916	16.89	ng	#	75
20) 3+4-Methylphenols	7.34	107	26348	9.57	ng	#	33
24) Nitrobenzene	7.53	77	50964	17.43	ng		92
25) Isophorone	7.50	82	224497	44.32	ng	#	66
32) Benzoic acid	7.89	122	219	7.44	ng	#	1
35) Caprolactam	8.42	113	1385	2.73	ng	#	1
47) 2-Nitroaniline	9.53	65	4339	3.40	ng	#	19
49) Dimethylphthalate	9.71	163	16974	3.63	ng	#	98
50) 2,6-Dinitrotoluene	10.00	165	8984	10.26	ng	#	16
56) 2,4-Dinitrotoluene	10.00	165	8985	8.19	ng	#	12
66) 4-Bromophenyl-phenylether	10.77	248	3335	2.83	ng	#	1
79) Butylbenzylphthalate	13.60	149	382	5.45	ng	#	1
84) Di-n-octyl phthalate	14.99	149	1534	6.22	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Jul 2015 3:28
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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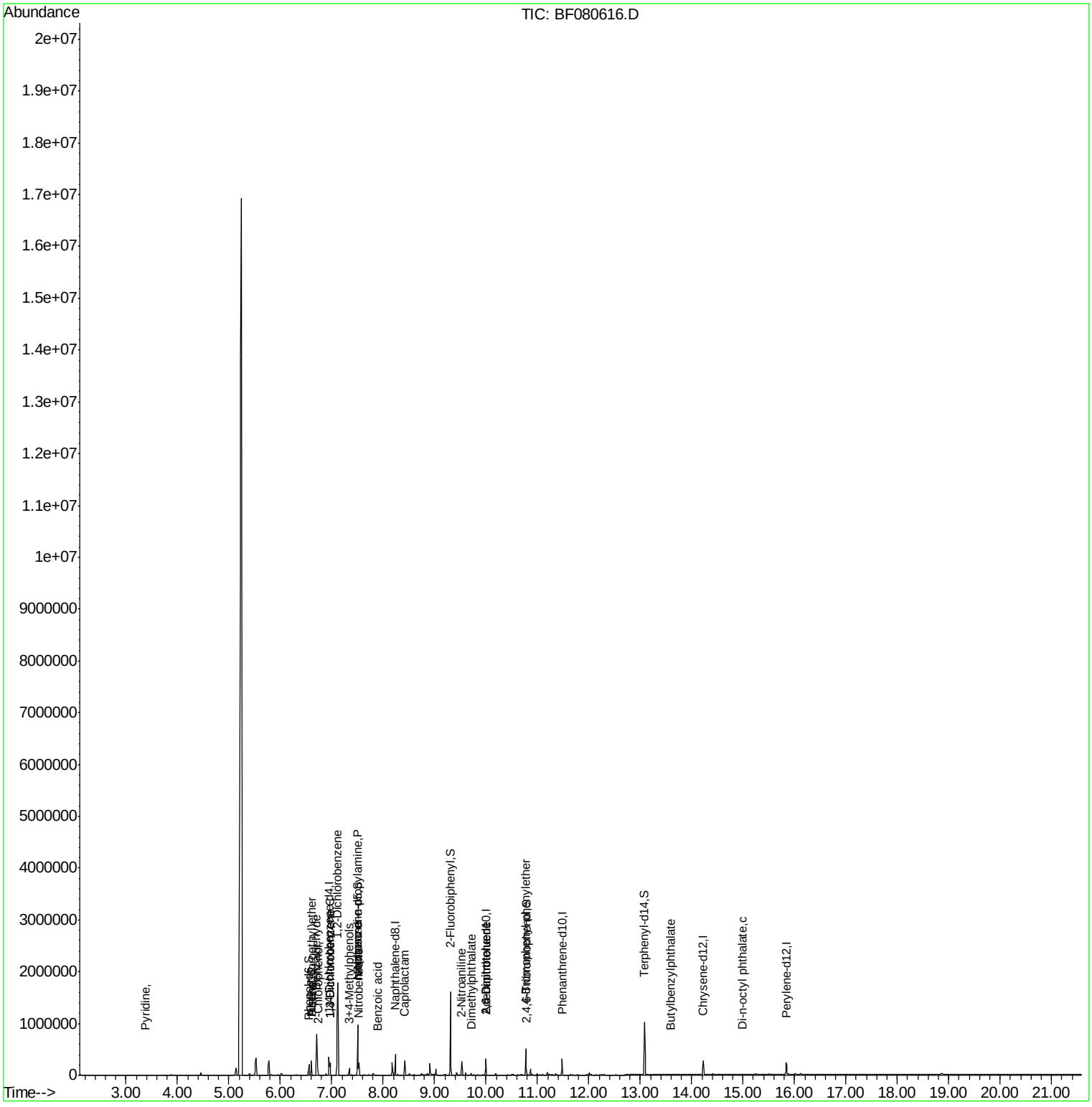
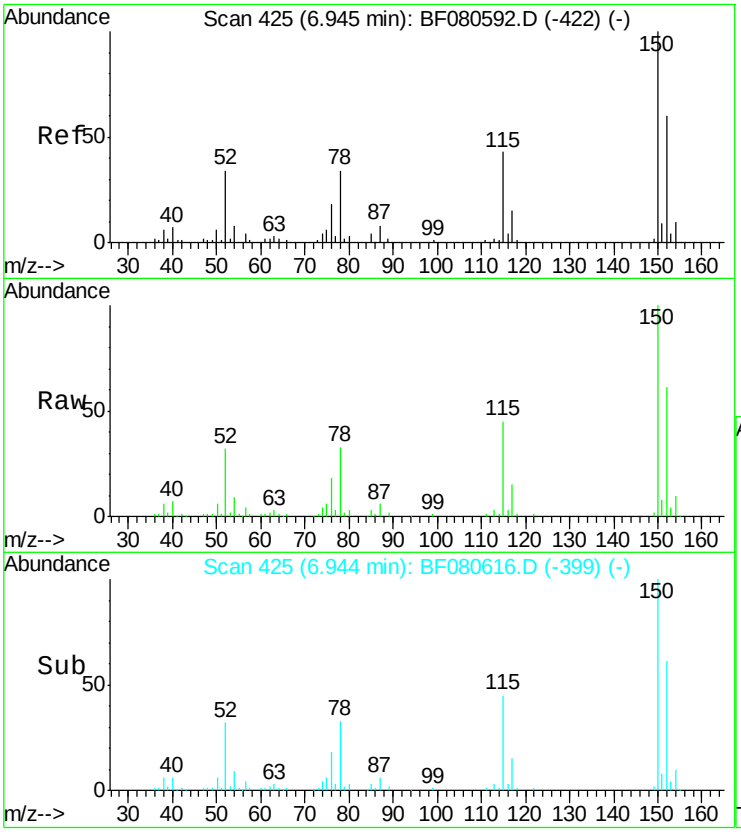


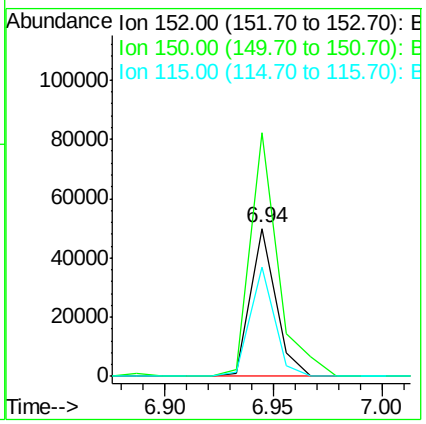


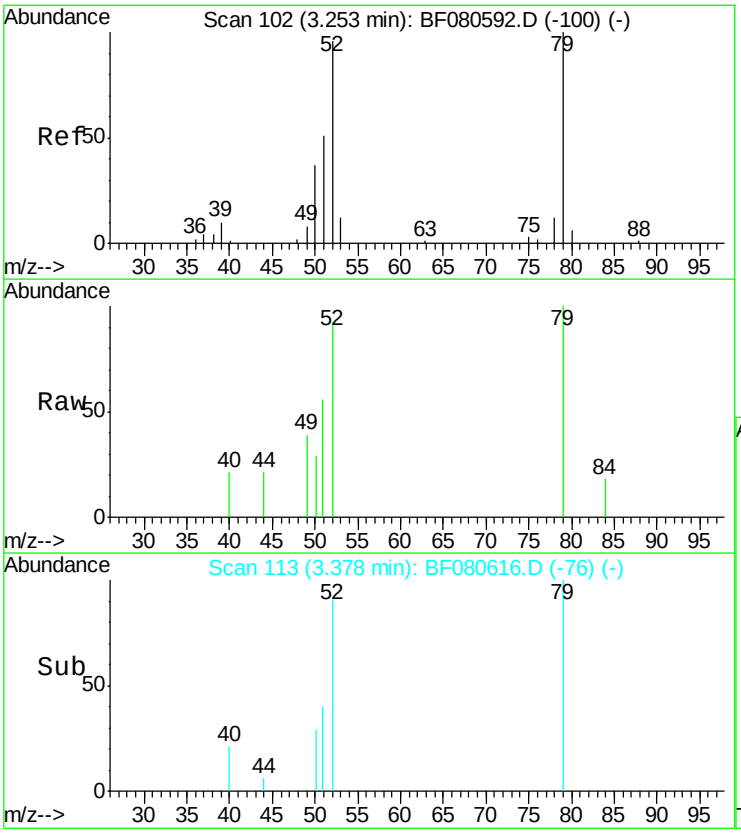
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:152 Resp: 40632

Ion	Ratio	Lower	Upper
152	100		
150	164.4	128.7	193.1
115	73.5	56.8	85.2

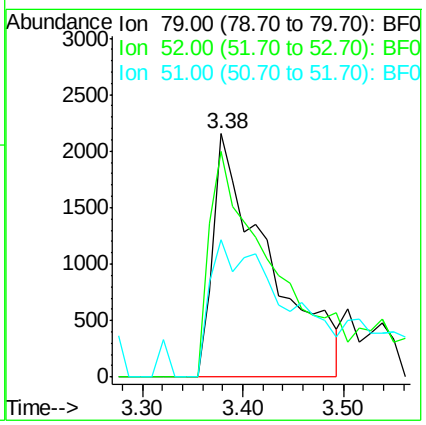


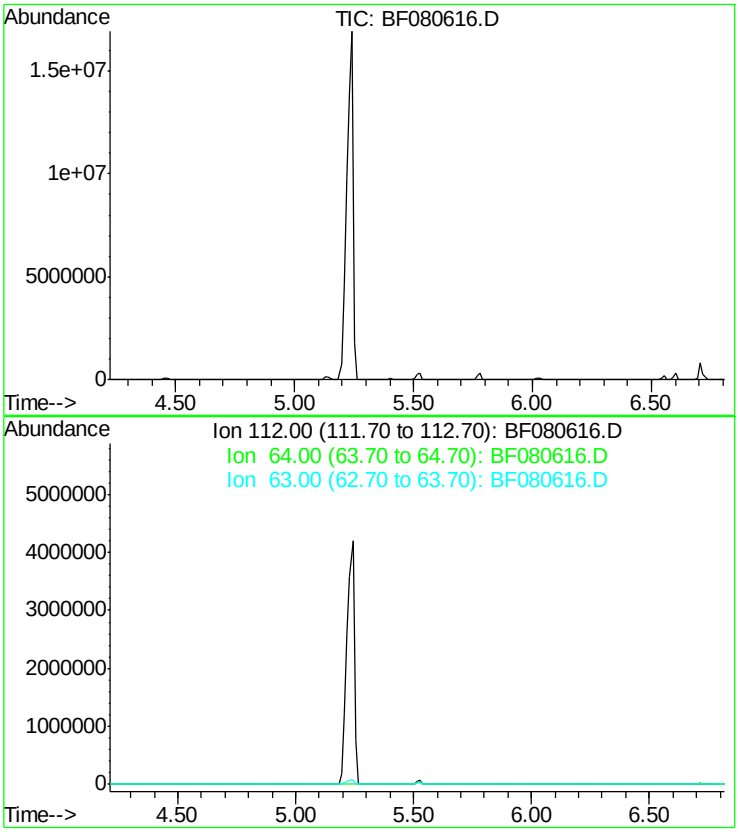


#3
Pyridine
Concen: 2.78 ng
RT: 3.38 min Scan# 113
Delta R.T. 0.13 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 79 Resp: 8281

Ion	Ratio	Lower	Upper
79	100		
52	92.4	79.6	119.4
51	56.2	44.5	66.7





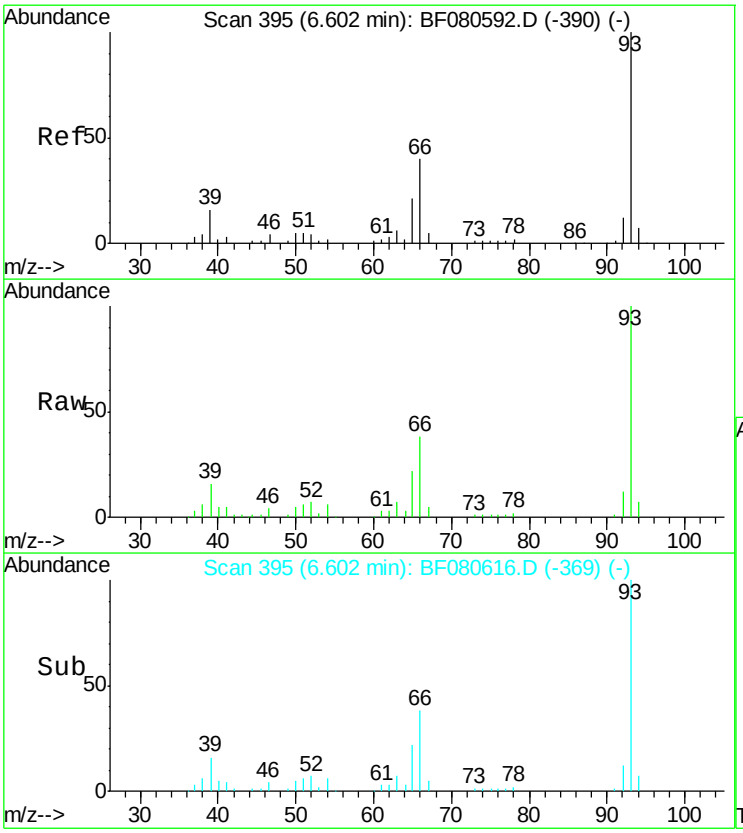
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.52 min

Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	75.2
63	43.5

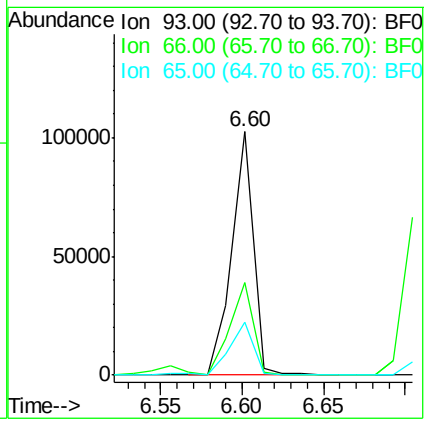
Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

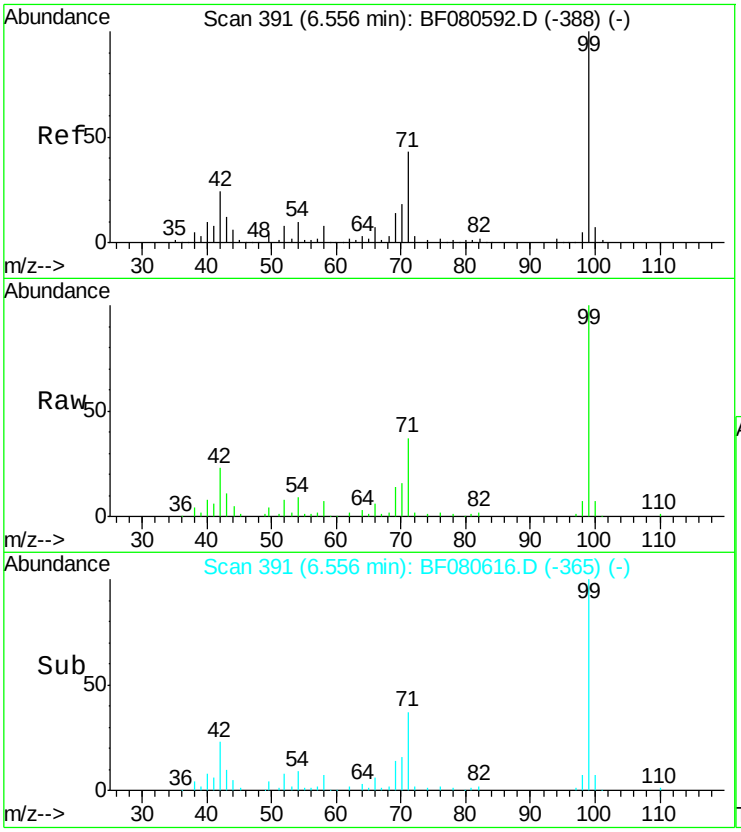


#6
Aniline
Concen: 22.24 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 93 Resp: 93492

Ion	Ratio	Lower	Upper
93	100		
66	38.2	33.1	49.7
65	21.7	17.2	25.8



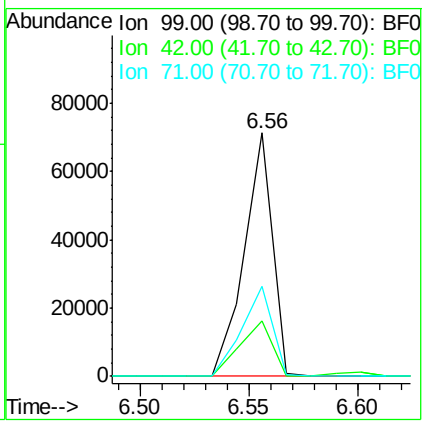


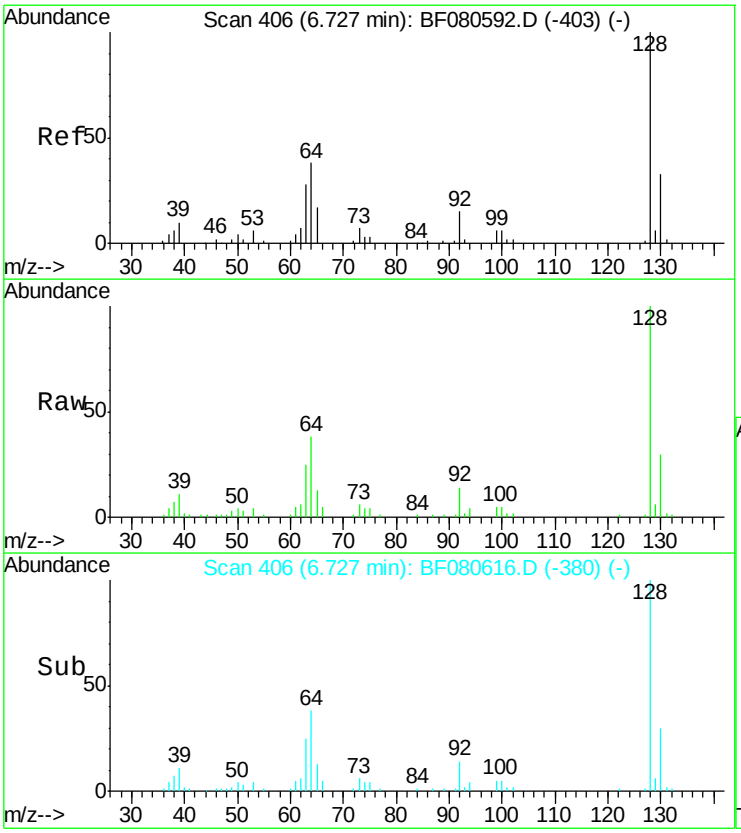
#7
Phenol-d6
Concen: 22.30 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion: 99 Resp: 64121

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.2
71	37.0	29.0	43.6

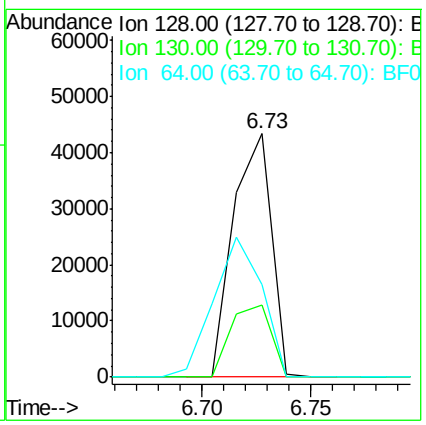


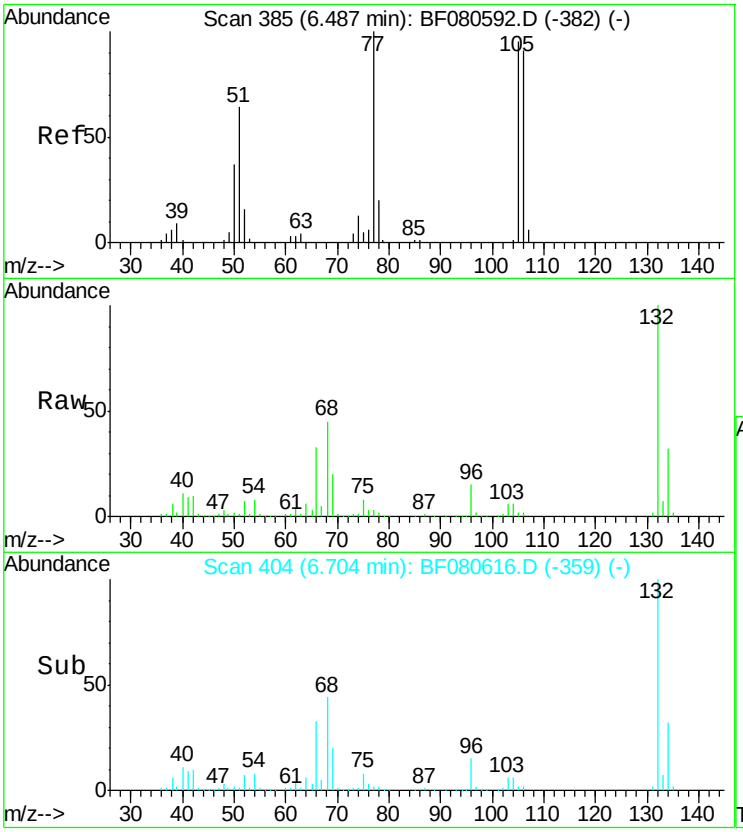


#8
2-Chlorophenol
Concen: 20.84 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:128 Resp: 52643

Ion	Ratio	Lower	Upper
128	100		
130	29.6	11.8	51.8
64	38.0	20.2	60.2



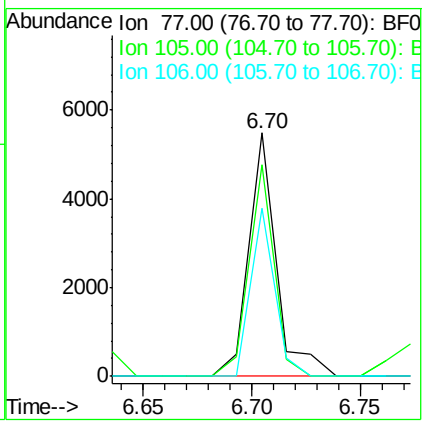


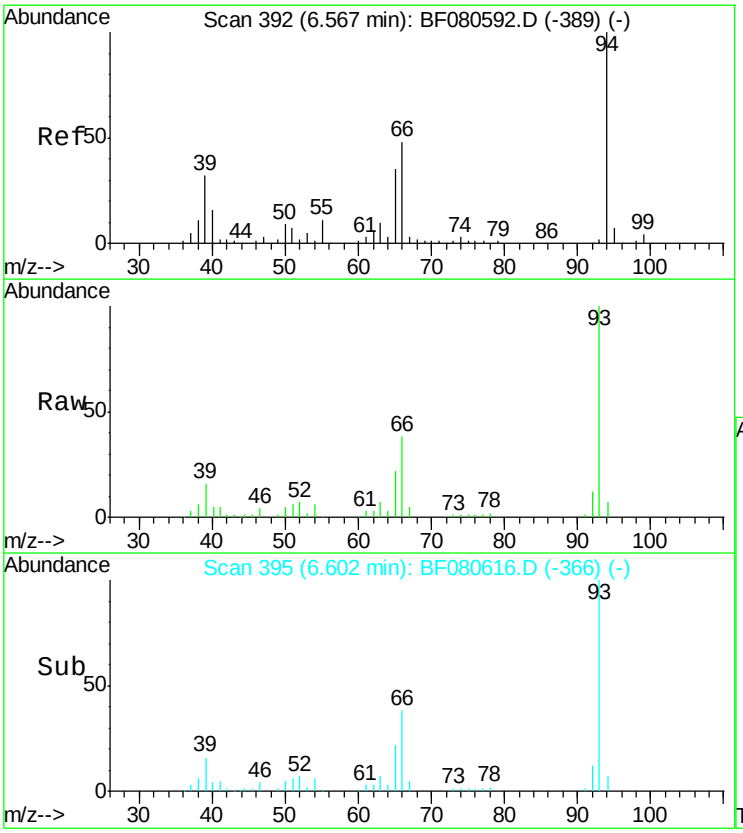
#9
Benzaldehyde
Concen: 2.28 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.22 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion: 77 Resp: 4847

Ion	Ratio	Lower	Upper
77	100		
105	87.1	72.3	112.3
106	69.0	67.5	107.5

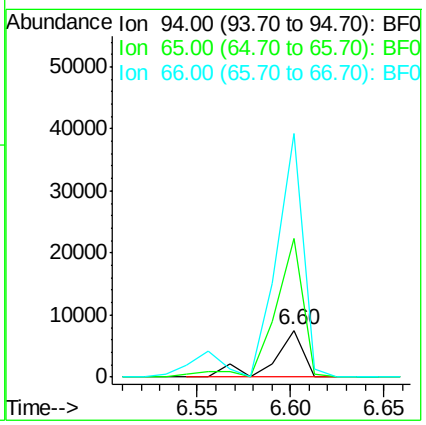


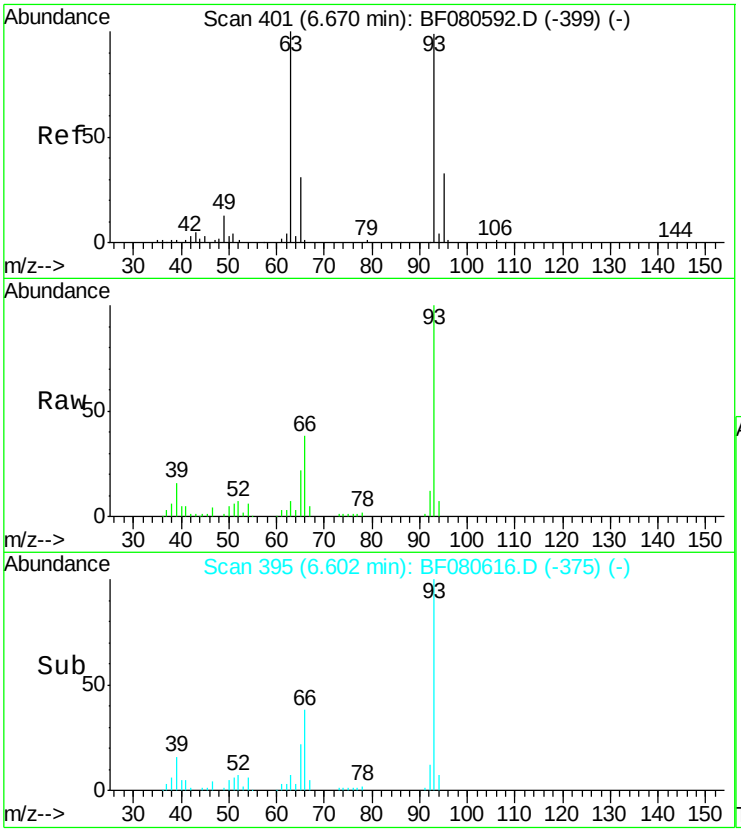


#10
Phenol
Concen: 2.36 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 94 Resp: 8116

Ion	Ratio	Lower	Upper
94	100		
65	297.0	12.1	52.1#
66	523.0	24.3	64.3#



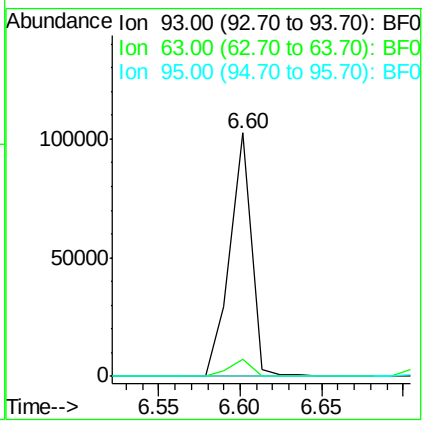


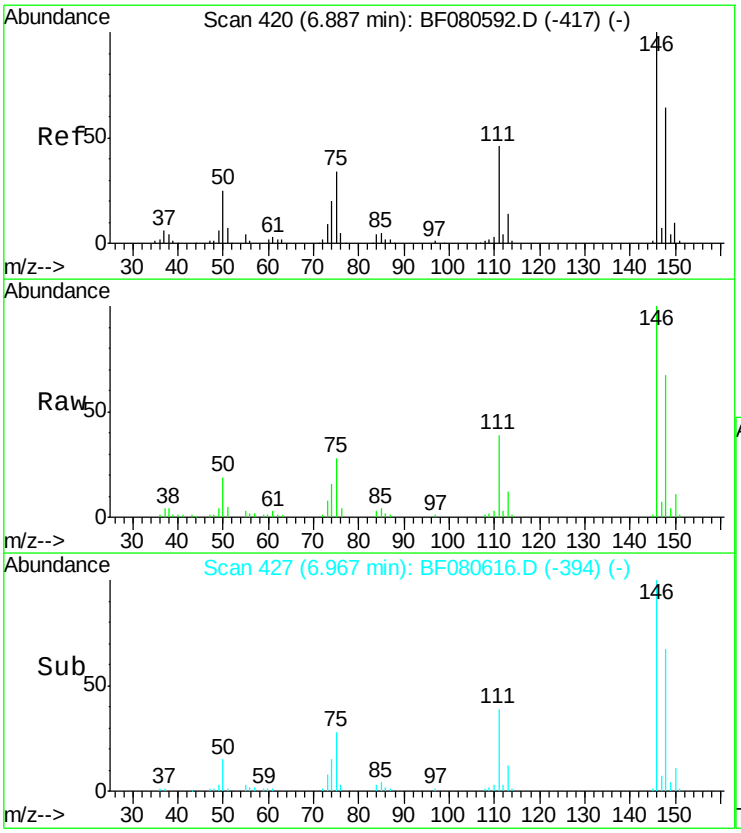
#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.07 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion: 93 Resp: 93492

Ion	Ratio	Lower	Upper
93	100		
63	6.8	80.5	120.5#
95	0.0	11.2	51.2#

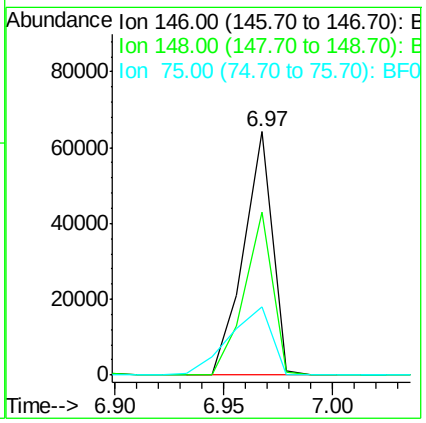


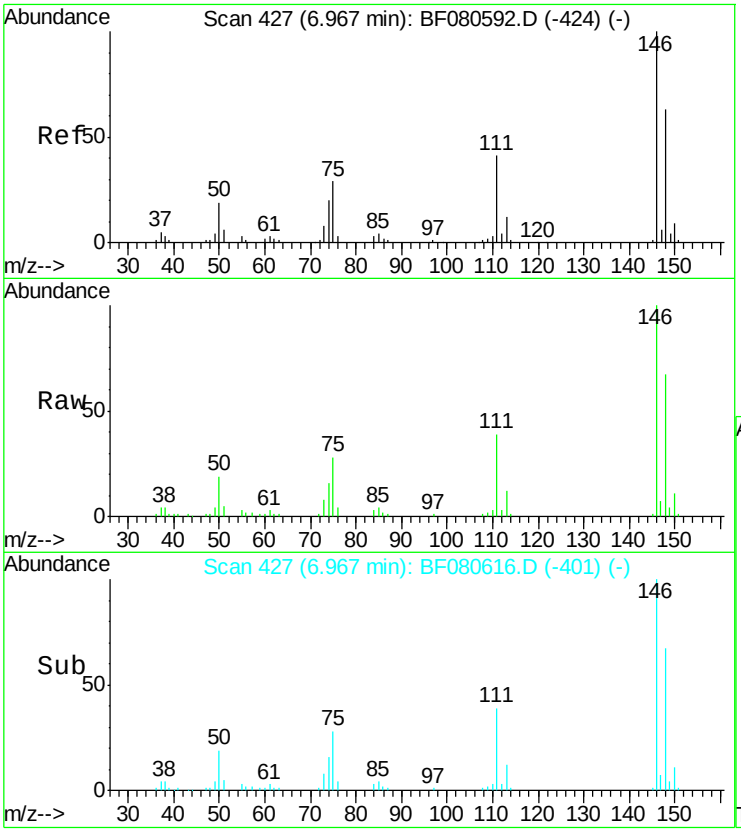


#12
1,3-Dichlorobenzene
Concen: 18.46 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.08 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:146 Resp: 59141

Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.9	76.3
75	28.2	27.1	40.7



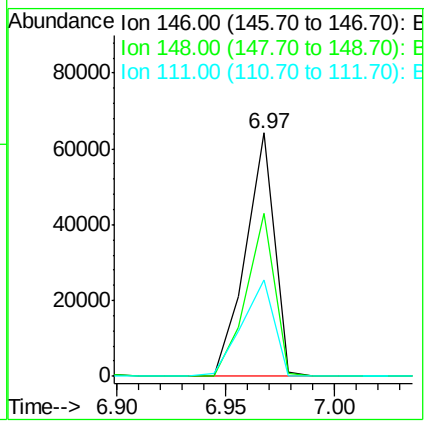


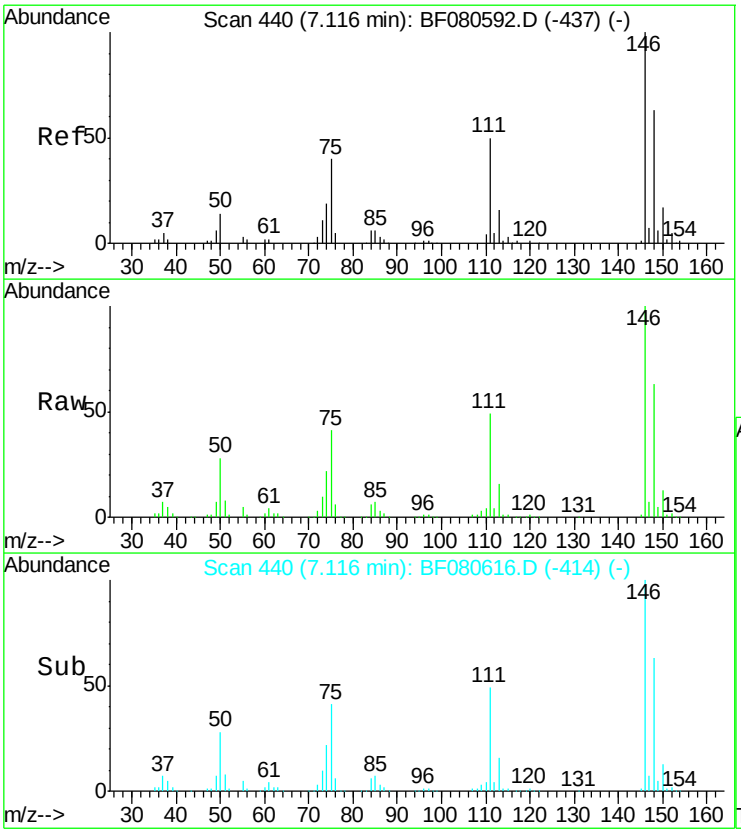
#13
1,4-Dichlorobenzene
Concen: 18.81 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:146 Resp: 59141

Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.0	78.0
111	39.4	31.4	47.2

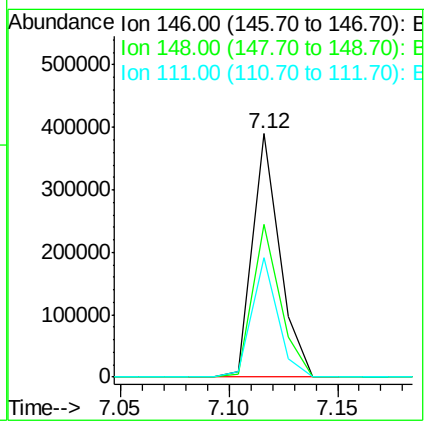


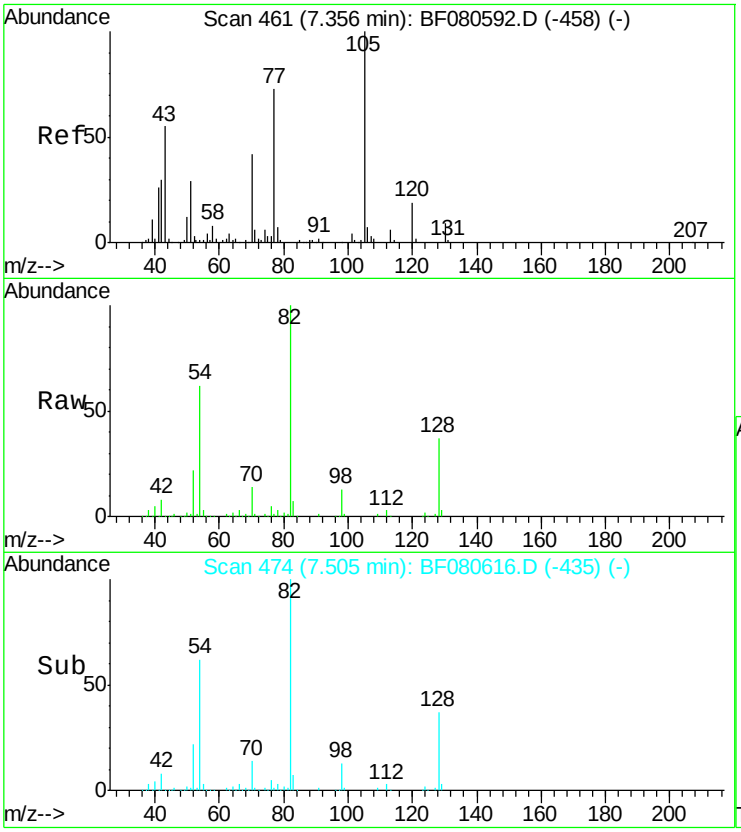


#14
1,2-Dichlorobenzene
Concen: 116.54 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:146 Resp: 339653

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	49.1	38.2	57.2



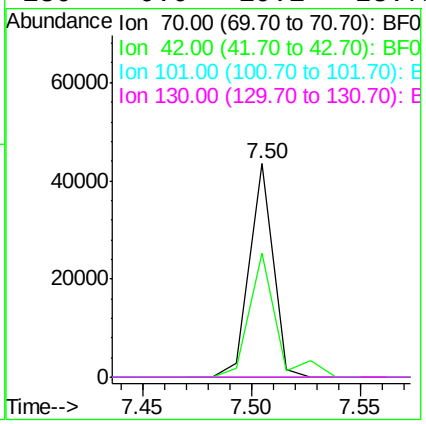


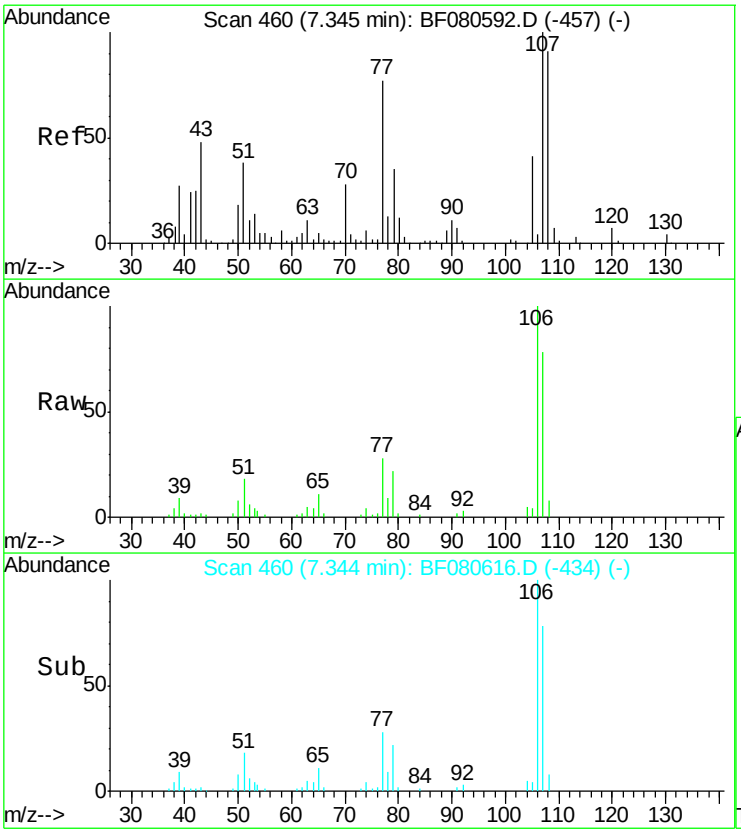
#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion: 70 Resp: 32916

Ion	Ratio	Lower	Upper
70	100		
42	58.1	56.6	85.0
101	0.0	9.7	14.5#
130	0.0	19.1	28.7#

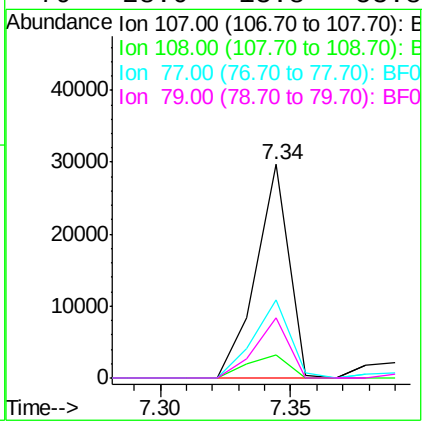


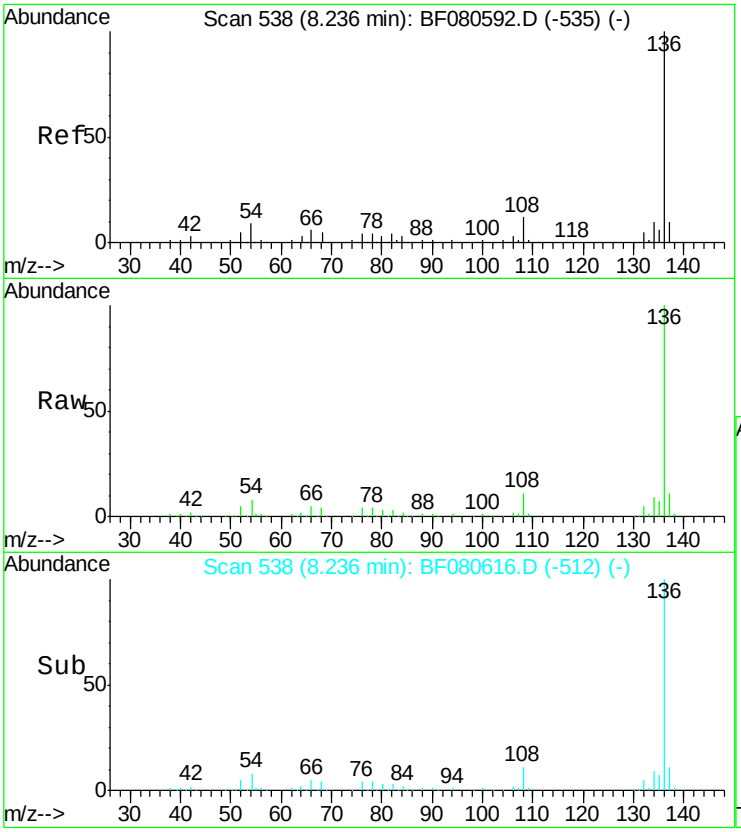


#20
3+4-Methylphenols
Concen: 9.57 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:107 Resp: 26348

Ion	Ratio	Lower	Upper
107	100		
108	10.6	75.6	115.6#
77	36.4	84.7	124.7#
79	28.0	13.8	53.8



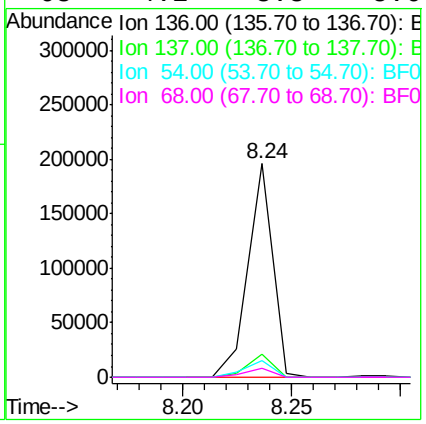


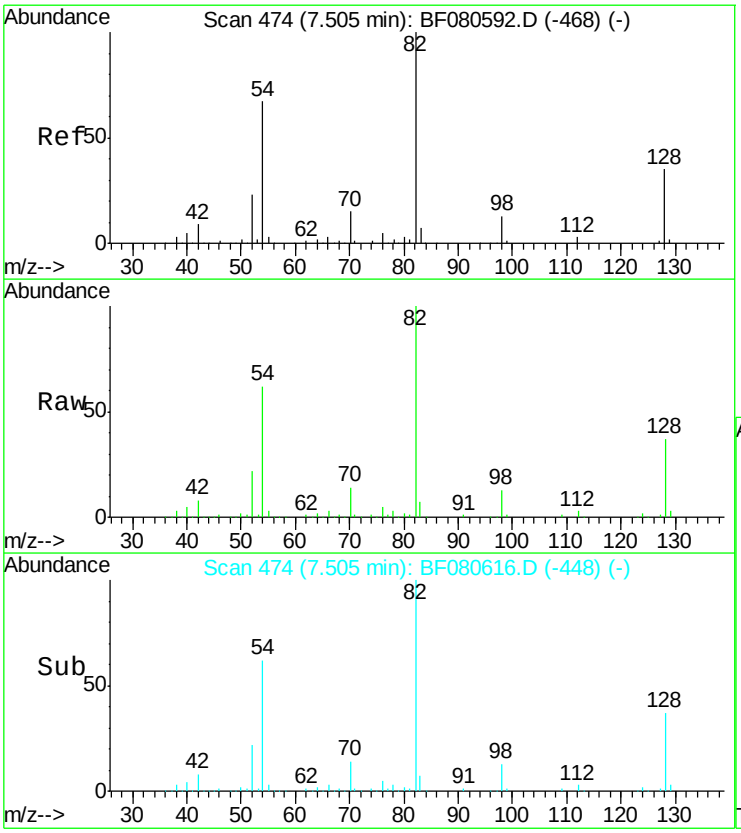
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:136 Resp: 154963

Ion	Ratio	Lower	Upper
136	100		
137	10.6	7.8	11.8
54	8.0	7.2	10.8
68	4.2	3.8	5.6

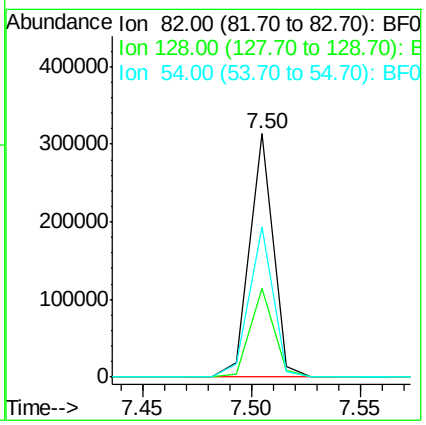


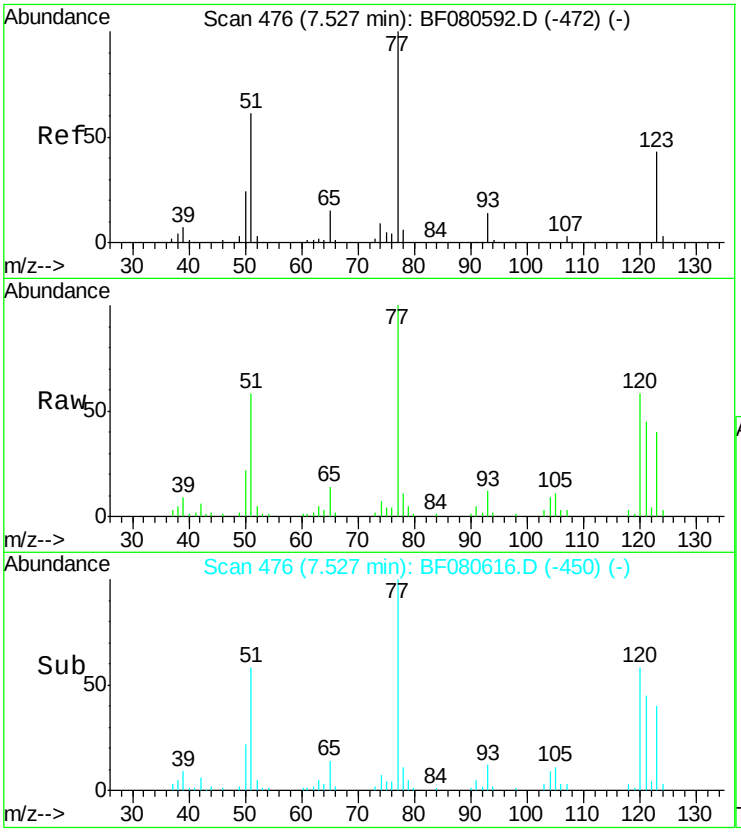


#23
Nitrobenzene-d5
Concen: 86.59 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 82 Resp: 236831

Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	61.8	54.5	81.7



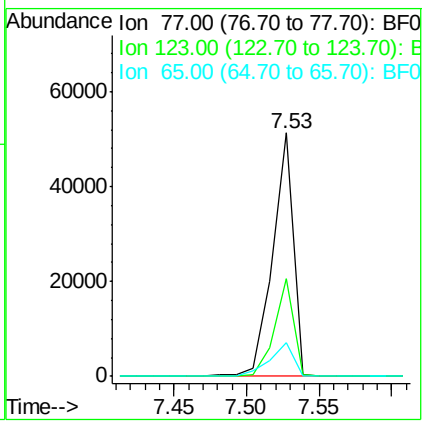


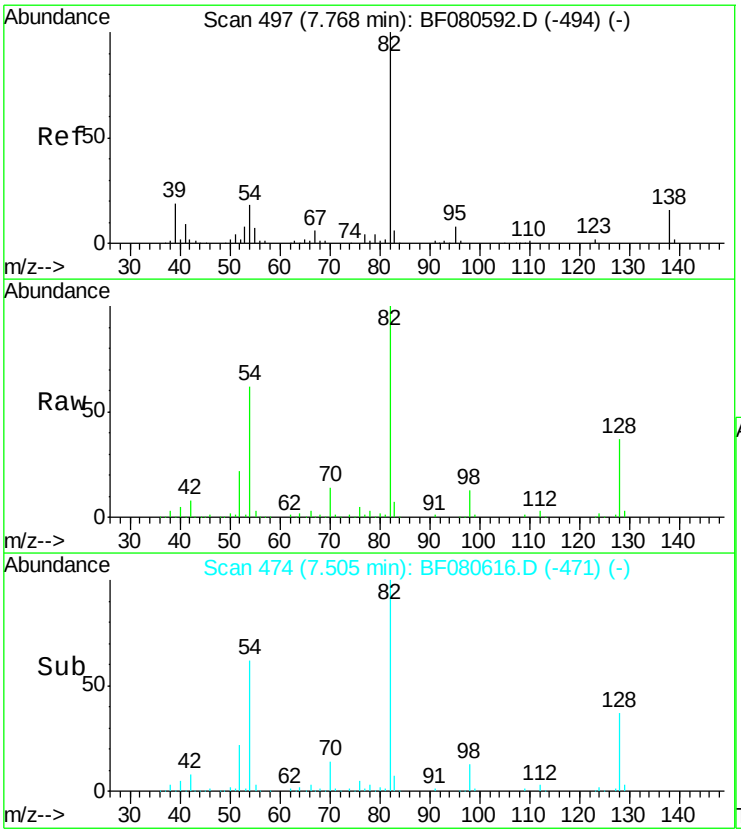
#24
Nitrobenzene
Concen: 17.43 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion: 77 Resp: 50964

Ion	Ratio	Lower	Upper
77	100		
123	40.0	37.1	55.7
65	13.6	11.4	17.2

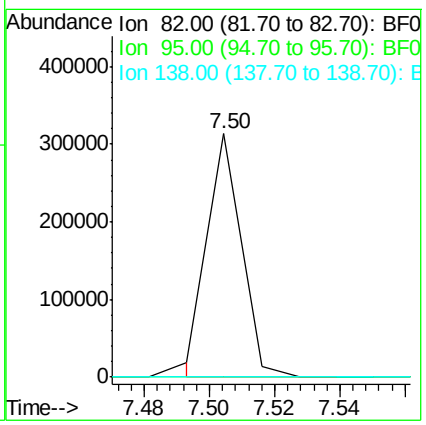


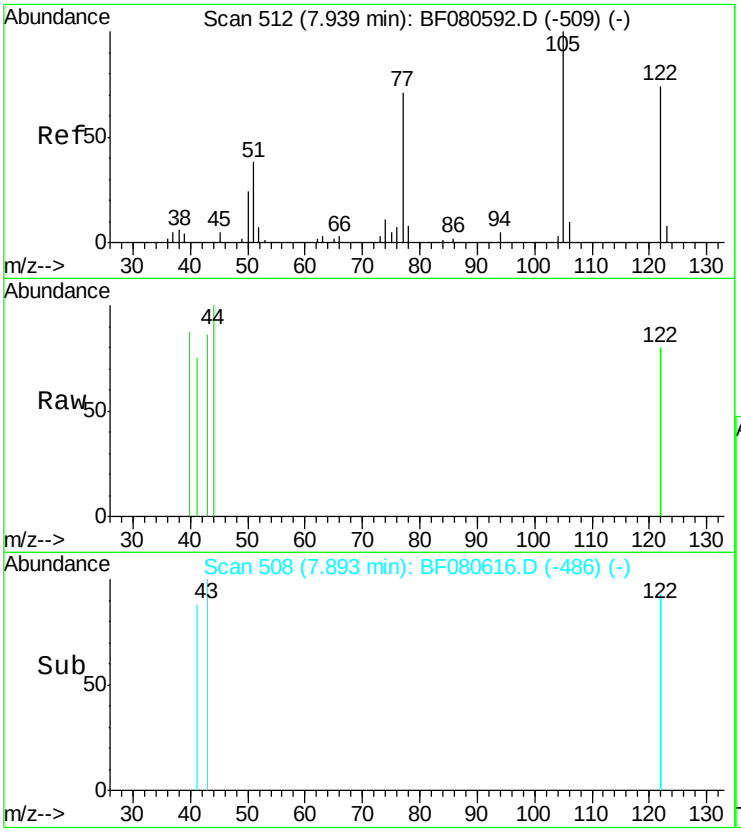


#25
Isophorone
Concen: 44.32 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.26 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 82 Resp: 224497

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#



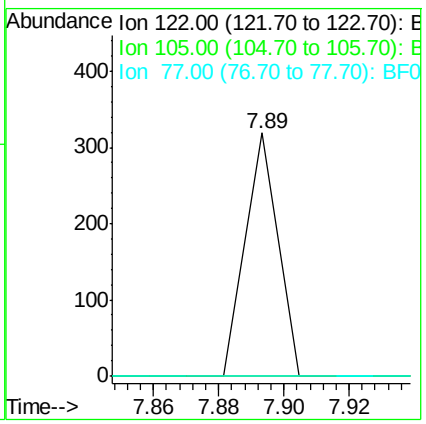


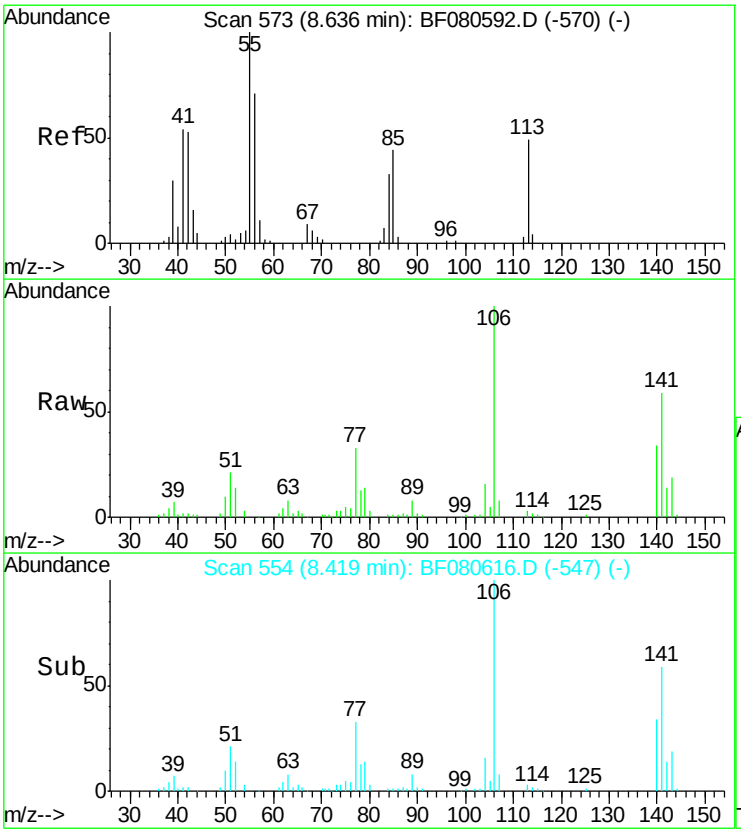
#32
Benzoic acid
Concen: 7.44 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.05 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:122 Resp: 219

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.5	152.5#
77	0.0	102.5	142.5#

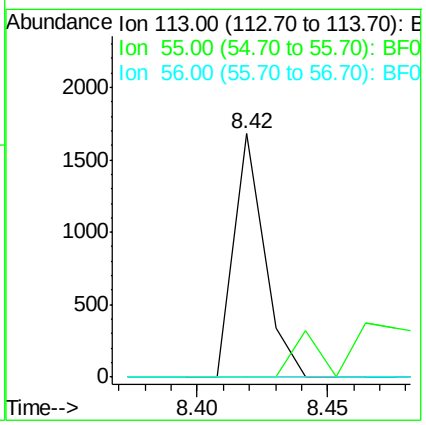


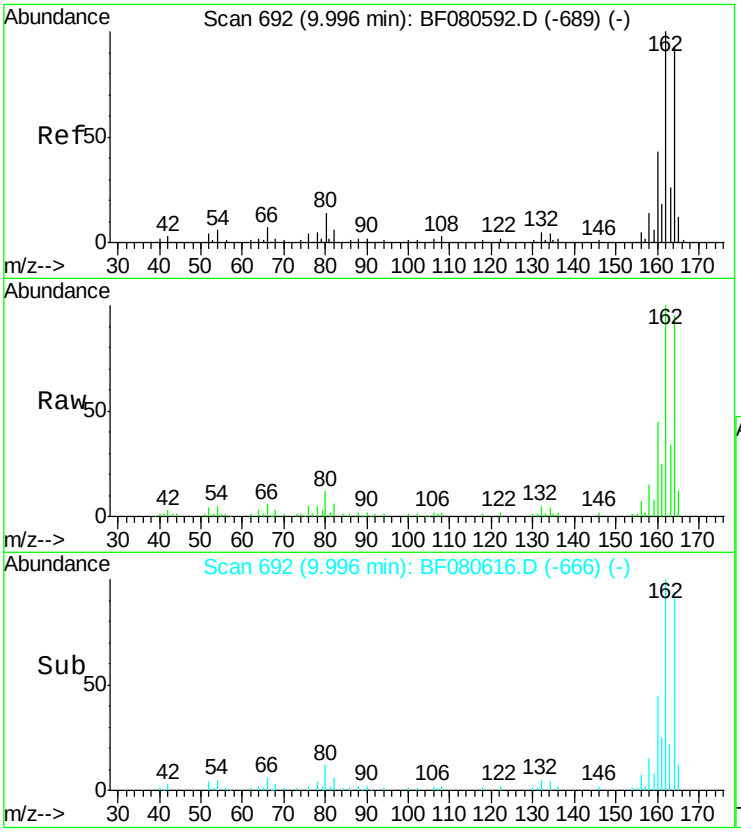


#35
Caprolactam
Concen: 2.73 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.22 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:113 Resp: 1385

Ion	Ratio	Lower	Upper
113	100		
55	0.0	259.3	299.3#
56	0.0	171.6	211.6#



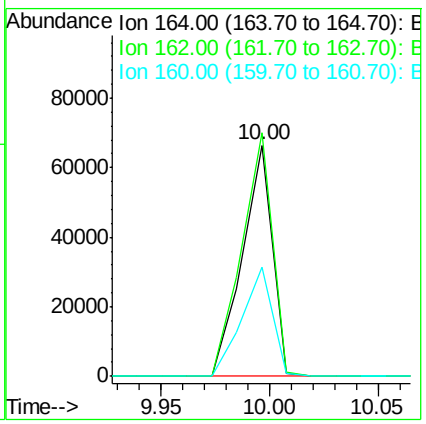


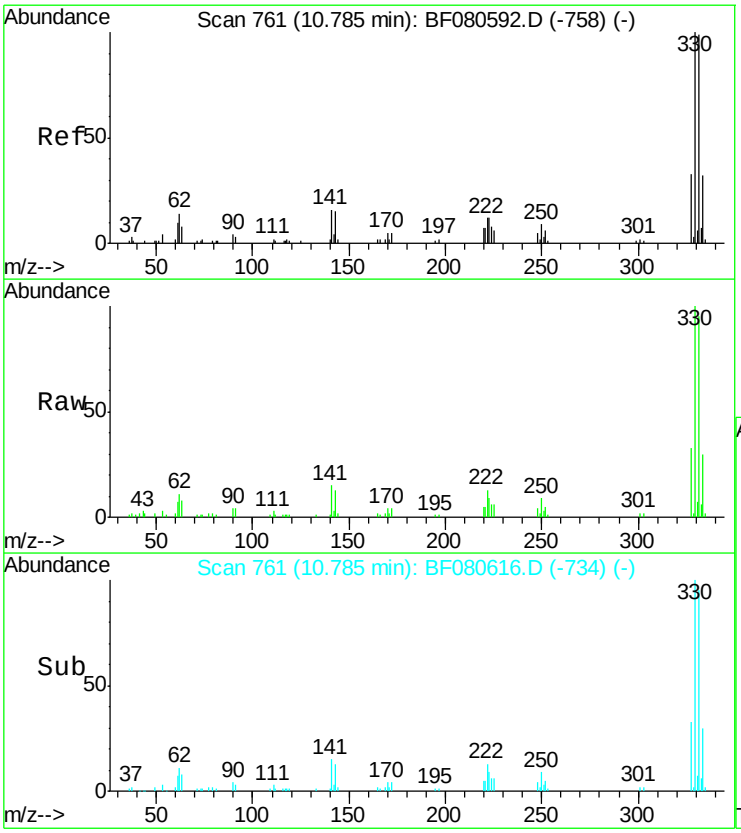
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:164 Resp: 63621

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	47.1	36.1	54.1

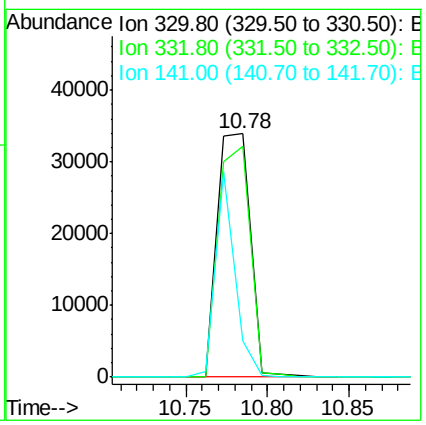


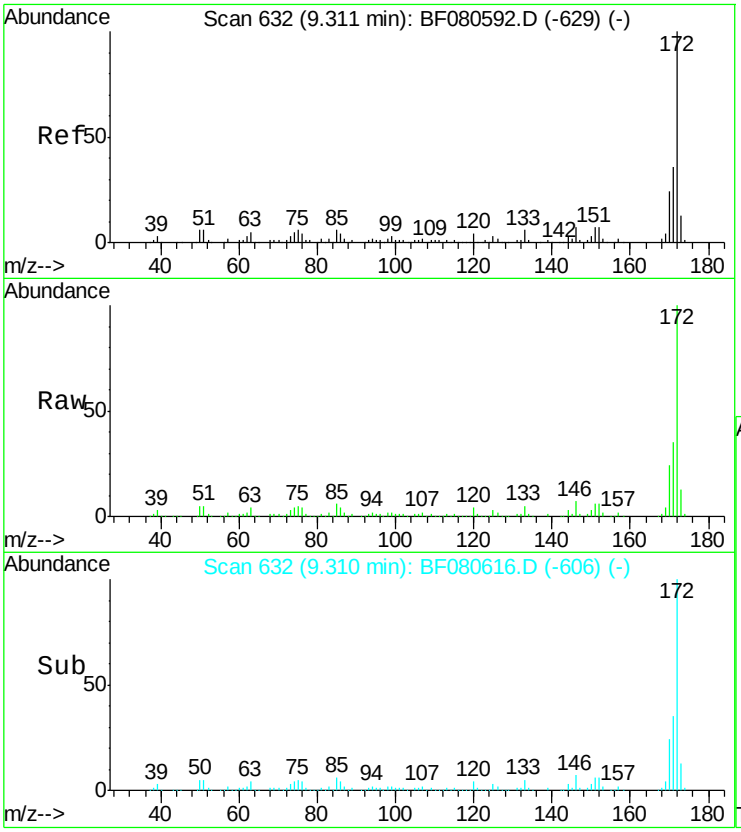


#41
2,4,6-Tribromophenol
Concen: 93.59 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:330 Resp: 47183

Ion	Ratio	Lower	Upper
330	100		
332	91.7	78.3	117.5
141	50.6	37.9	56.9



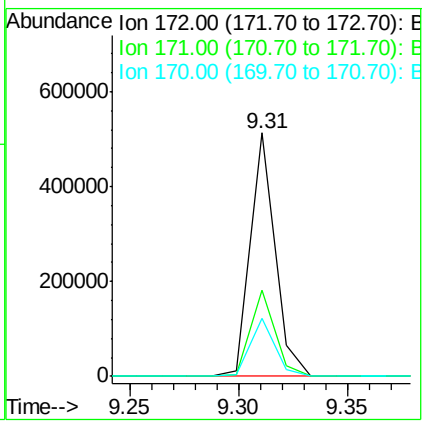


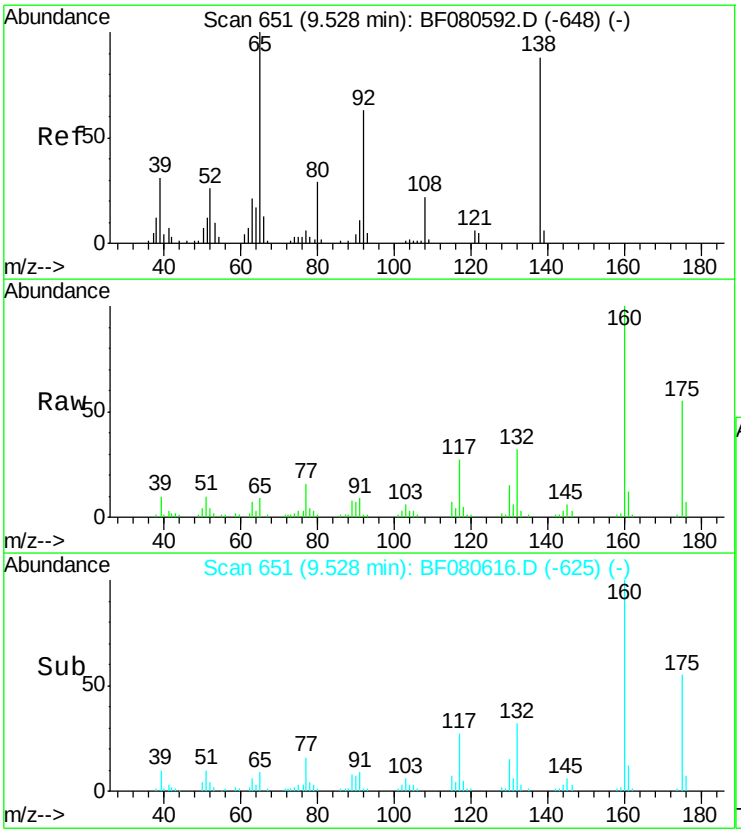
#44
2-Fluorobiphenyl
Concen: 92.19 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:172 Resp: 404224

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	23.6	19.1	28.7

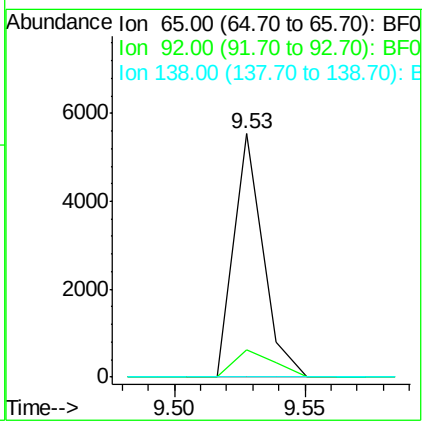


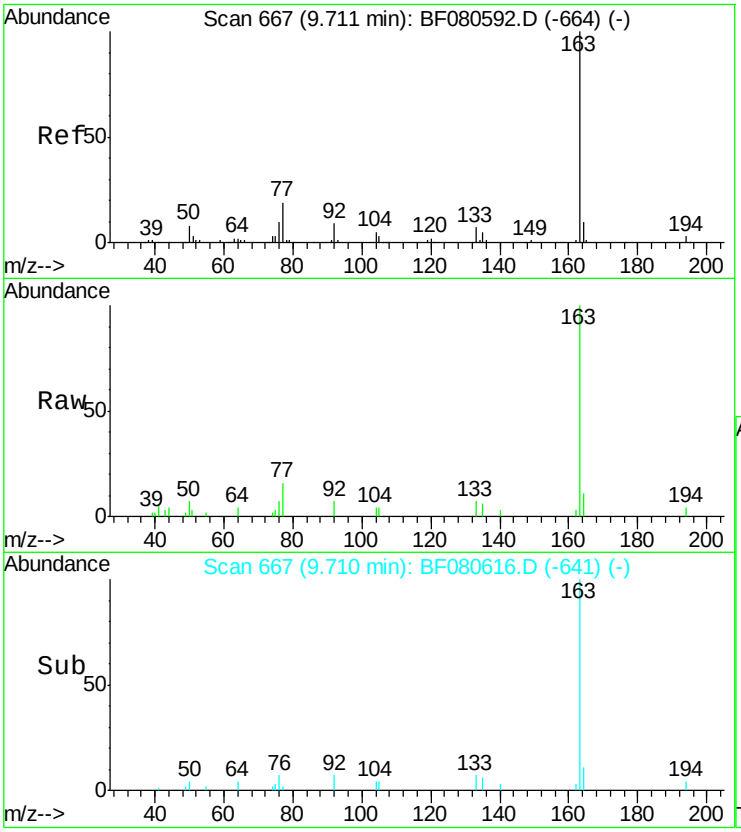


#47
2-Nitroaniline
Concen: 3.40 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion: 65 Resp: 4339

Ion	Ratio	Lower	Upper
65	100		
92	11.2	48.7	73.1#
138	0.0	66.8	100.2#



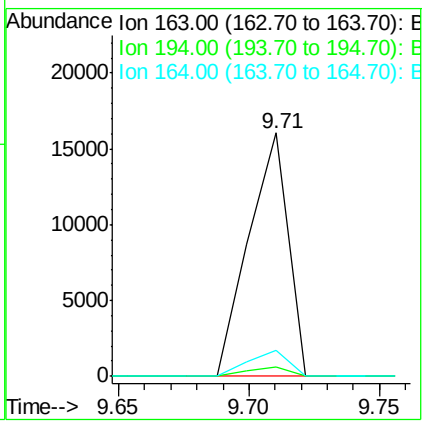


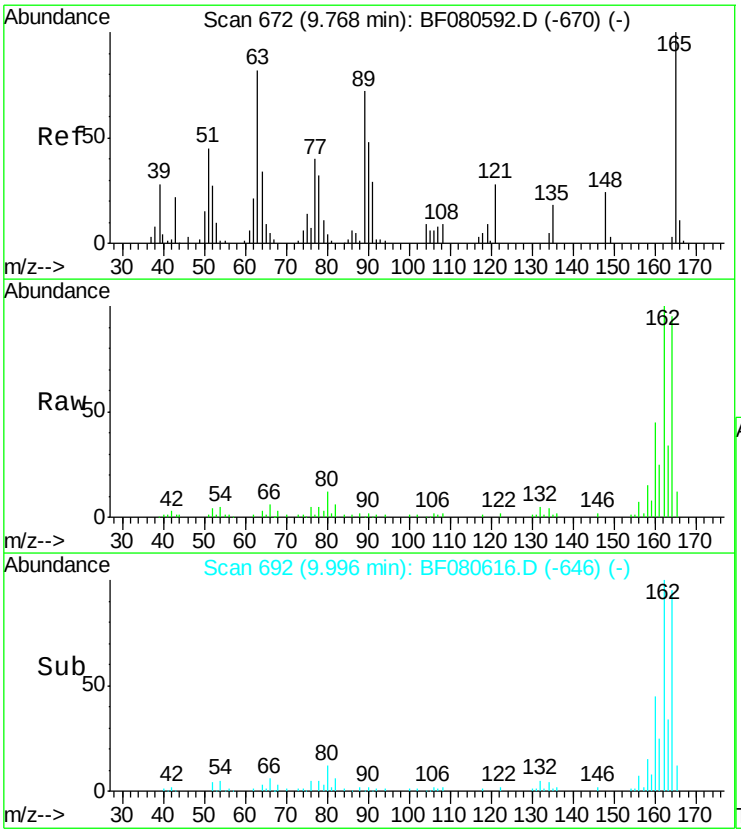
#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:163 Resp: 16974

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.5	3.7#
164	10.6	8.1	12.1

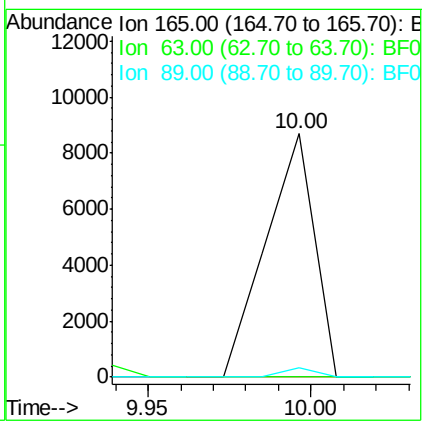


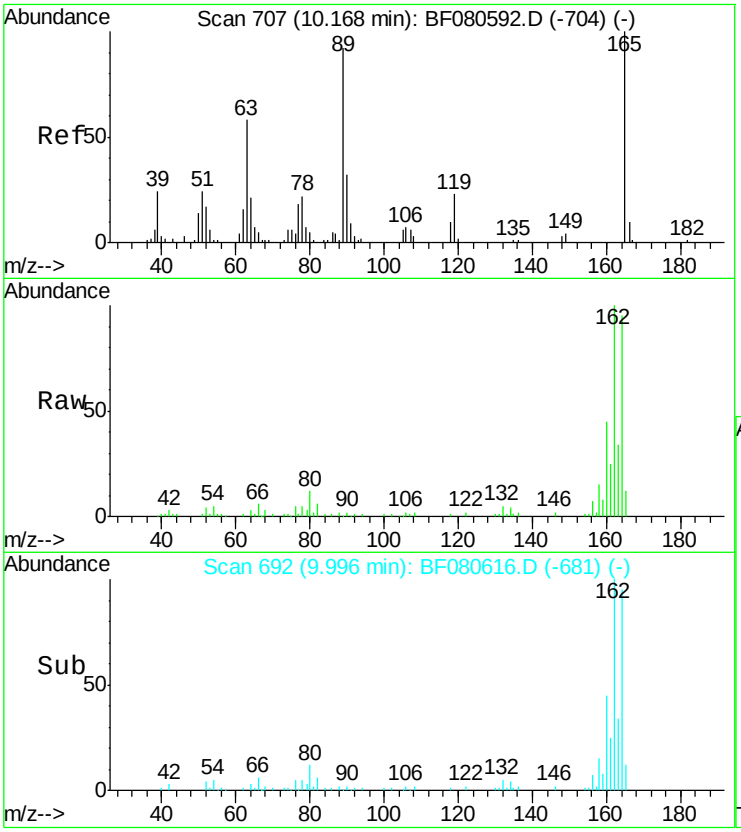


#50
2,6-Dinitrotoluene
Concen: 10.26 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.23 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:165 Resp: 8984

Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.0	88.6#
89	3.8	56.9	85.3#



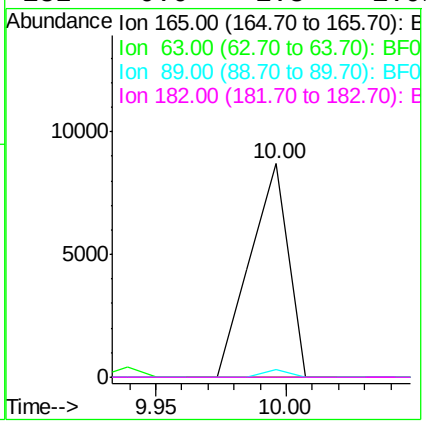


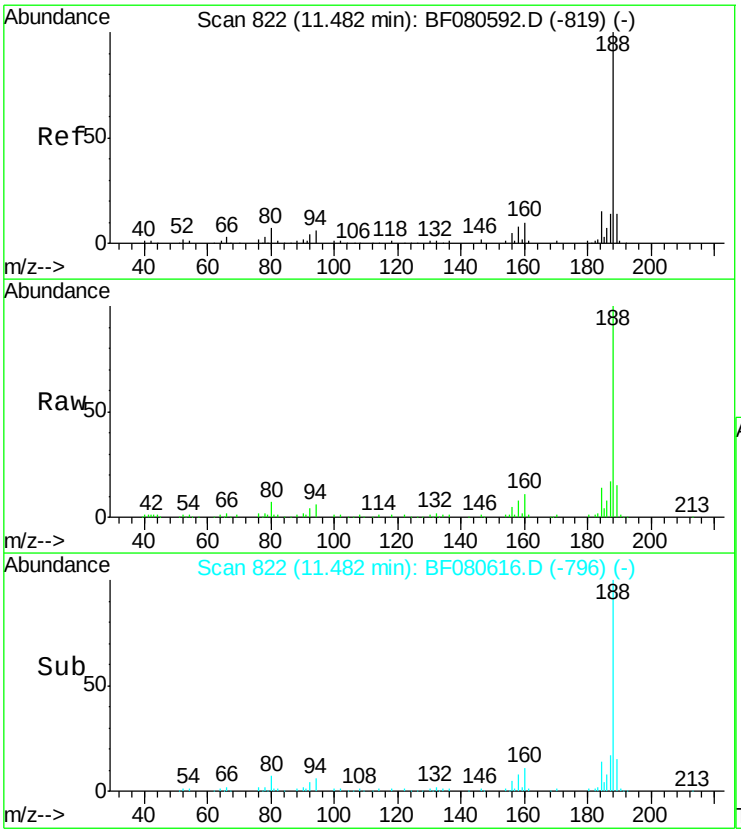
#56
2,4-Dinitrotoluene
Concen: 8.19 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.17 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:165 Resp: 8985

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
89	3.8	77.4	116.0#
182	0.0	1.3	1.9#

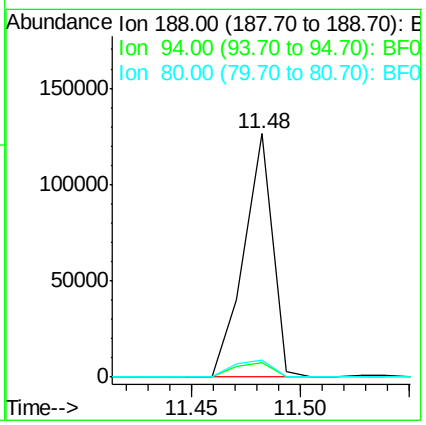


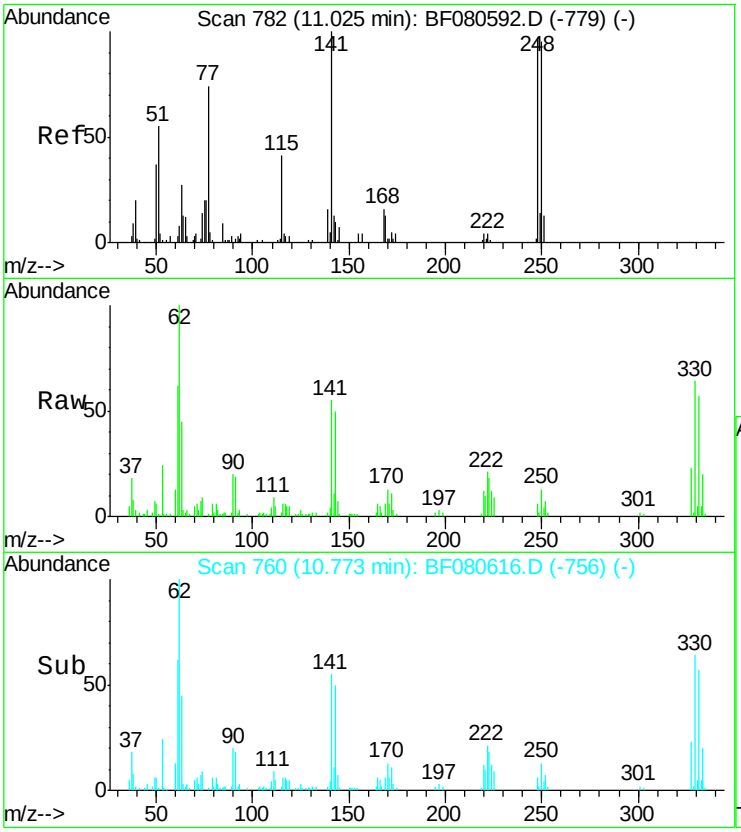


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:188 Resp: 115911

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.1	9.1#
80	6.9	7.0	10.6#



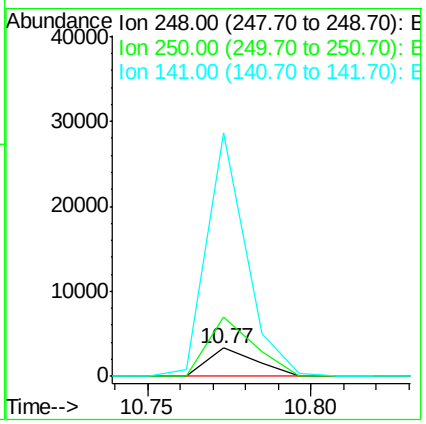


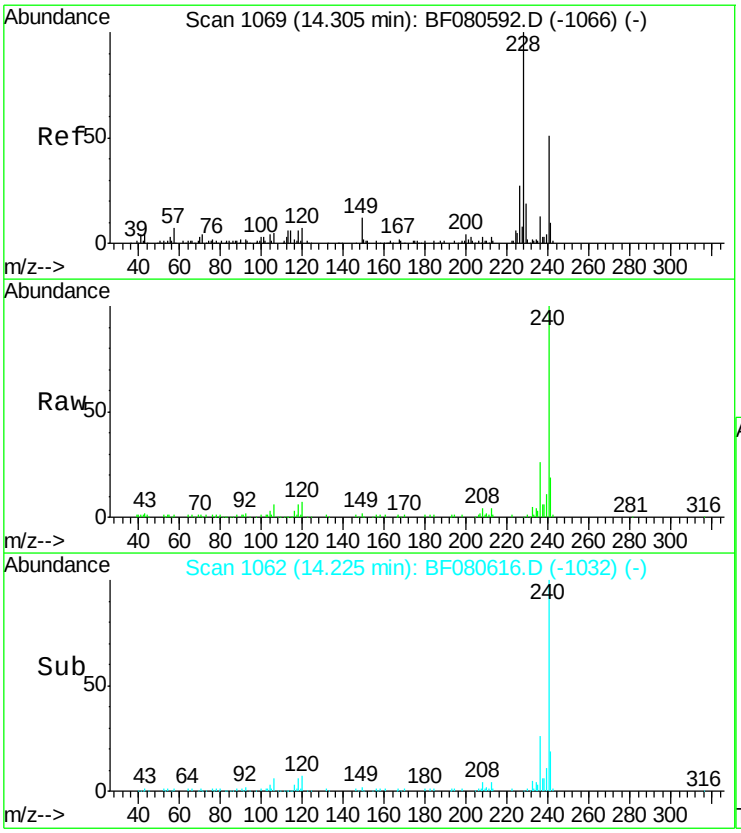
#66
4-Bromophenyl-phenylether
Concen: 2.83 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.25 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:248 Resp: 3335

Ion	Ratio	Lower	Upper
248	100		
250	207.8	75.4	113.2#
141	857.7	93.4	140.0#

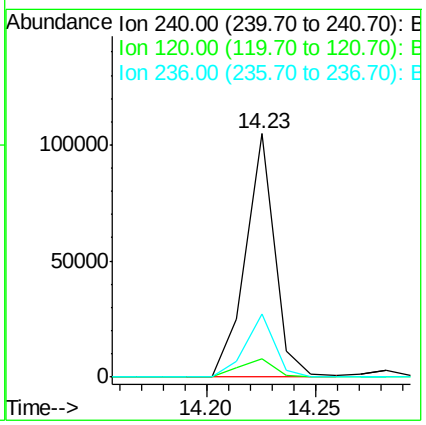


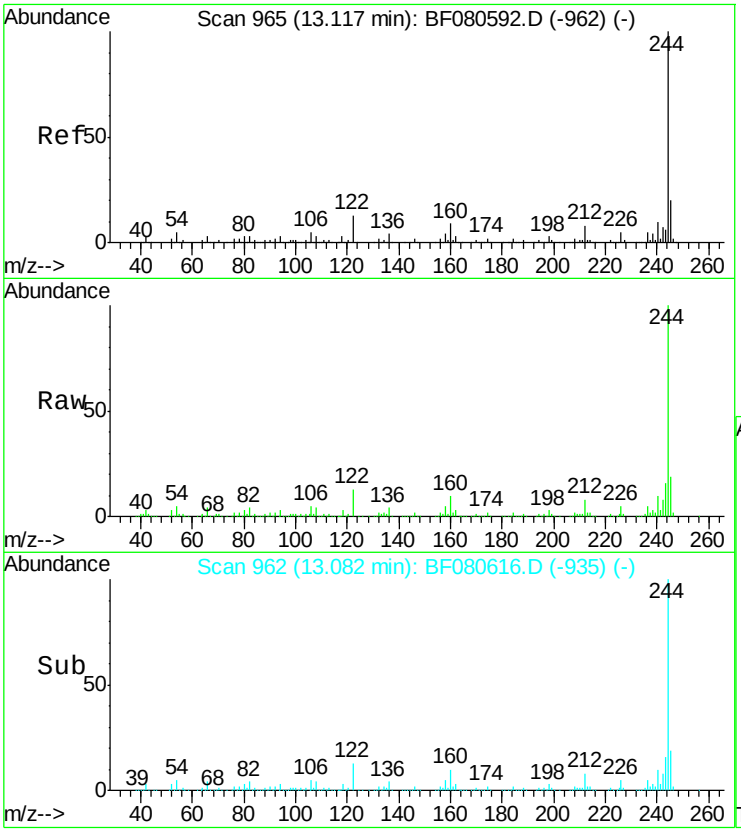


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.23 min Scan# 1062
Delta R.T. 0.05 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:240 Resp: 98267

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.9	14.9#
236	26.1	19.1	28.7



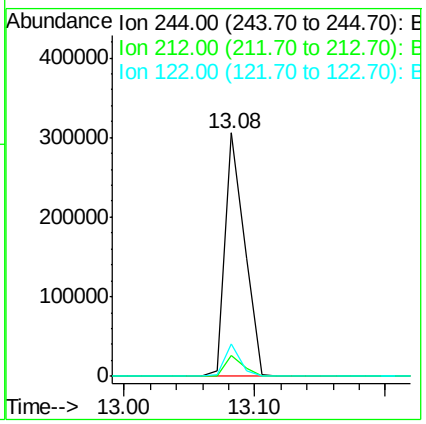


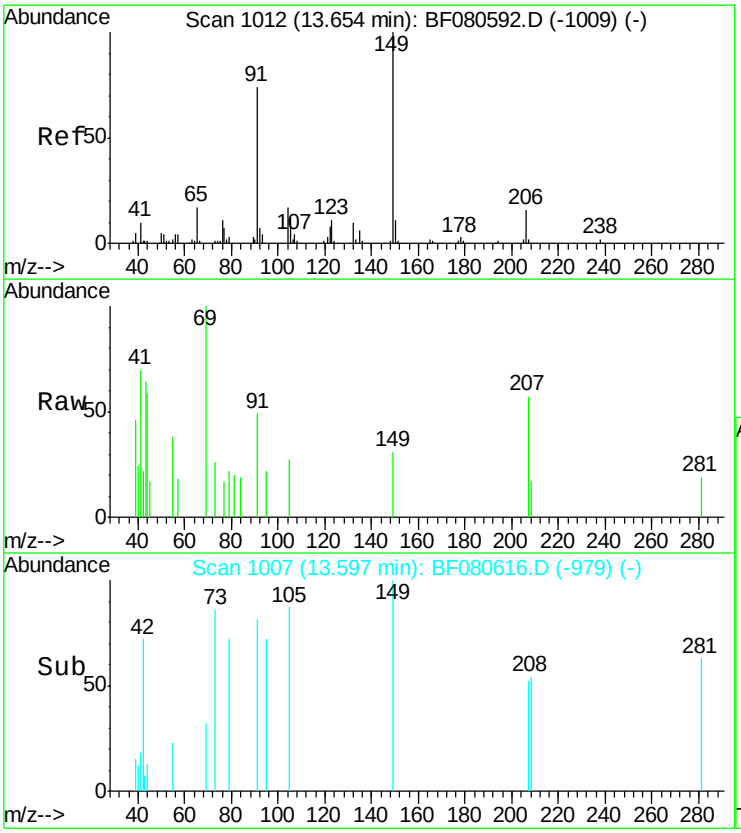
#78
Terphenyl-d14
Concen: 67.89 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:244 Resp: 318814

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	13.2	8.2	12.2#

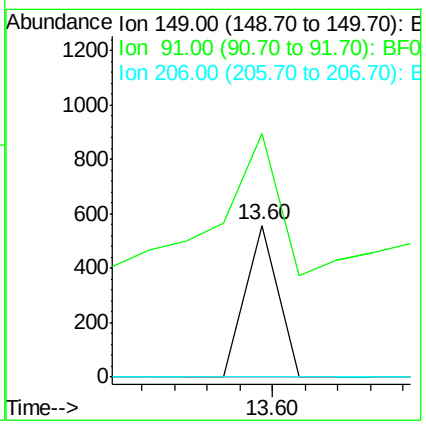


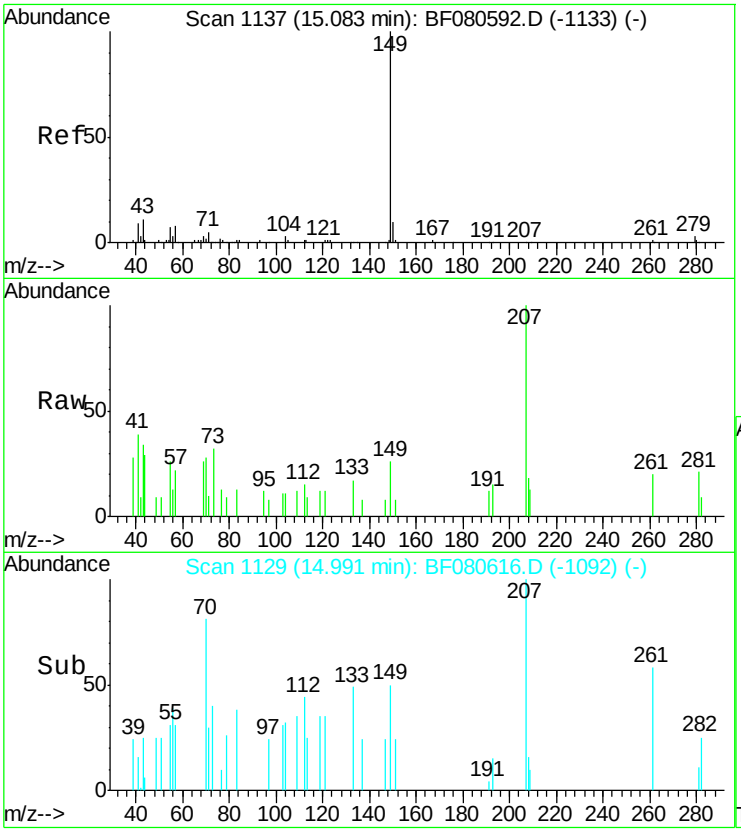


#79
Butylbenzylphthalate
Concen: 5.45 ng
RT: 13.60 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:149 Resp: 382

Ion	Ratio	Lower	Upper
149	100		
91	160.9	53.0	79.6#
206	0.0	15.0	22.6#



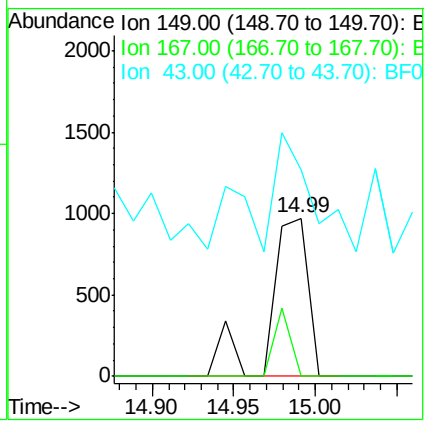


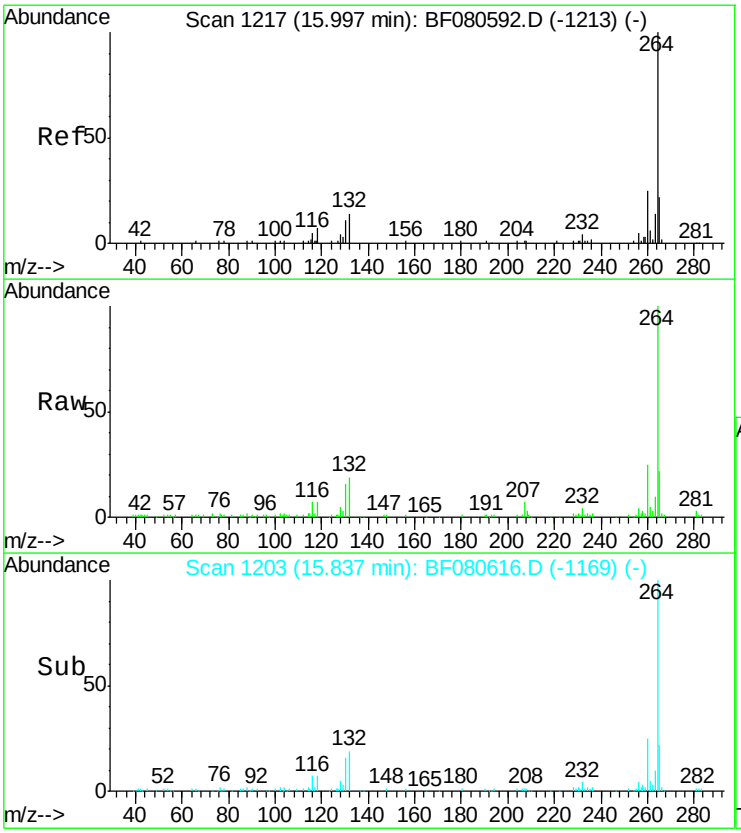
#84
Di-n-octyl phthalate
Concen: 6.22 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.13 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion:149 Resp: 1534

Ion	Ratio	Lower	Upper
149	100		
167	18.7	1.2	1.8#
43	107.3	12.5	18.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.84 min Scan# 1203
Delta R.T. 0.09 min
Lab File: BF080616.D
Acq: 24 Jul 2015 3:28

Tgt Ion:264 Resp: 121244

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.8	26.8
265	22.4	15.6	23.4