Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080674.D
Acq On : 27 Jul 2015 16:12
Operator : TP/UM
Sample : SSTDICC2.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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7/29/2015 10:39:42 AM

Quant Time: Jul 28 04:08:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 01:01:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	36735	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	119336	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	51142	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	72146	20.00	ng		0.00
75) Chrysene-d12	14.24	240	33797	20.00	ng		-0.01
86) Perylene-d12	15.88	264	19175	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	11244	5.14	ng		0.00
7) Phenol-d6	6.53	99	13610	5.32	ng		0.00
23) Nitrobenzene-d5	7.48	82	10429	4.43	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
44) 2-Fluorobiphenyl	9.29	172	18377	5.37	ng		0.00
78) Terphenyl-d14	13.07	244	9562	5.95	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.58	93	8431	2.29	ng		93
8) 2-Chlorophenol	6.70	128	5672	2.39	ng		96
9) Benzaldehyde	6.46	77	4387	2.57	ng	#	84
10) Phenol	6.54	94	7463	2.42	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	4849	2.15	ng		96
12) 1,3-Dichlorobenzene	6.86	146	6791	2.59	ng		89
13) 1,4-Dichlorobenzene	6.94	146	6678	2.49	ng		97
14) 1,2-Dichlorobenzene	7.09	146	6396	2.43	ng		94
15) Benzyl Alcohol	7.06	79	5245	2.43	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	8709	2.22	ng		97
17) 2-Methylphenol	7.16	107	4454	2.39	ng		94
18) Hexachloroethane	7.44	117	2273	2.20	ng		95
20) 3+4-Methylphenols	7.32	107	5627	2.31	ng	#	82
22) Acetophenone	7.32	105	7927	2.57	ng	#	69
24) Nitrobenzene	7.49	77	5453	2.31	ng	#	76
25) Isophorone	7.74	82	8341	2.04	ng		94
27) 2,4-Dimethylphenol	7.86	122	5005	2.90	ng		90
28) bis(2-Chloroethoxy)methane	7.95	93	5103	2.16	ng		97
29) 2,4-Dichlorophenol	8.05	162	3921	2.43	ng		96
30) 1,2,4-Trichlorobenzene	8.14	180	4939	2.54	ng	#	94
31) Naphthalene	8.24	128	15370	2.59	ng		98
33) 4-Chloroaniline	8.28	127	5440	2.13	ng		94
34) Hexachlorobutadiene	8.35	225	3125	2.37	ng		91
36) 4-Chloro-3-methylphenol	8.75	107	3566	2.06	ng		93
37) 2-Methylnaphthalene	8.92	142	9753	2.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	4517	2.97	ng		96
42) 2,4,6-Trichlorophenol	9.20	196	2915m	2.83	ng		
43) 2,4,5-Trichlorophenol	9.23	196	2668	2.51	ng	#	94
45) 1,1'-Biphenyl	9.39	154	9658	2.65	ng		91
46) 2-Chloronaphthalene	9.41	162	7634	2.49	ng	#	91
47) 2-Nitroaniline	9.49	65	2042	2.28	ng	#	88
48) Acenaphthylene	9.82	152	13824	2.71	ng		99
49) Dimethylphthalate	9.68	163	8567	2.39	ng	#	92
51) Acenaphthene	10.00	154	8785	2.86	ng		96

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 28 04:08:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 01:01:48 2015
Response via : Initial Calibration

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	10.17	168	11854	2.71	ng	#	96
57) Fluorene	10.51	166	9211	2.69	ng		93
60) 4-Chlorophenyl-phenylether	10.51	204	3779	2.48	ng		98
62) Azobenzene	10.66	77	7359	2.18	ng		93
65) n-Nitrosodiphenylamine	10.61	169	6226	2.79	ng		95
66) 4-Bromophenyl-phenylether	11.00	248	2009	2.95	ng	#	90
67) Hexachlorobenzene	11.06	284	2354	2.86	ng		97
70) Phenanthrene	11.47	178	11056m	2.78	ng		
71) Anthracene	11.53	178	9840	2.57	ng		97
72) Carbazole	11.68	167	9082	2.67	ng	#	90
77) Pyrene	12.91	202	6872	3.11	ng	#	90
79) Butylbenzylphthalate	13.60	149	1922	2.18	ng	#	73
80) Benzo(a)anthracene	14.23	228	4875m	2.49	ng		
81) 3,3'-Dichlorobenzidine	14.19	252	1268	2.05	ng	#	86
82) Chrysene	14.26	228	5346m	2.90	ng		
87) Benzo(b)fluoranthene	15.45	252	3678	3.00	ng	#	93
88) Benzo(k)fluoranthene	15.47	252	3547m	3.43	ng		
89) Benzo(a)pyrene	15.81	252	2292	2.17	ng	#	85

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

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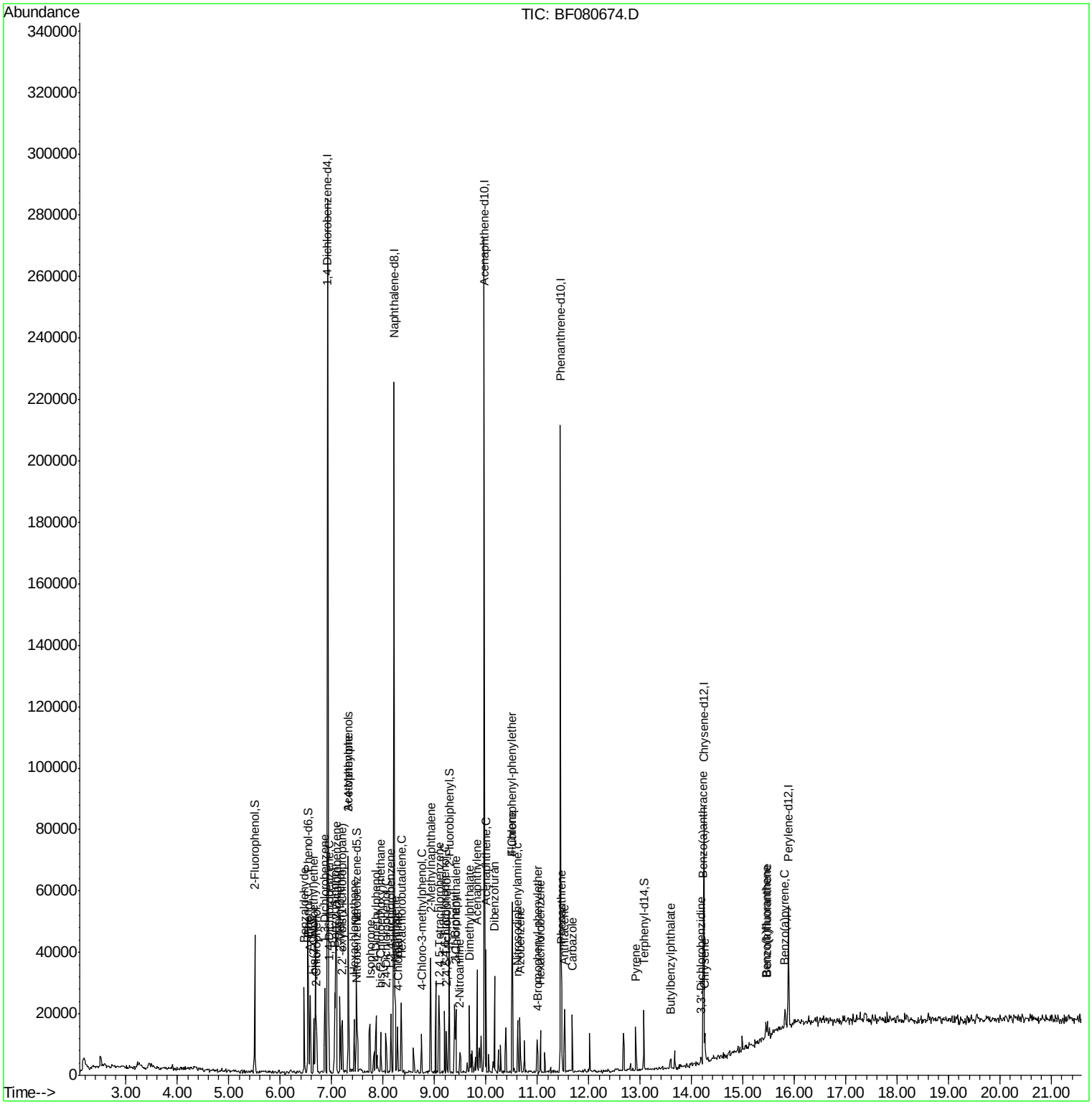
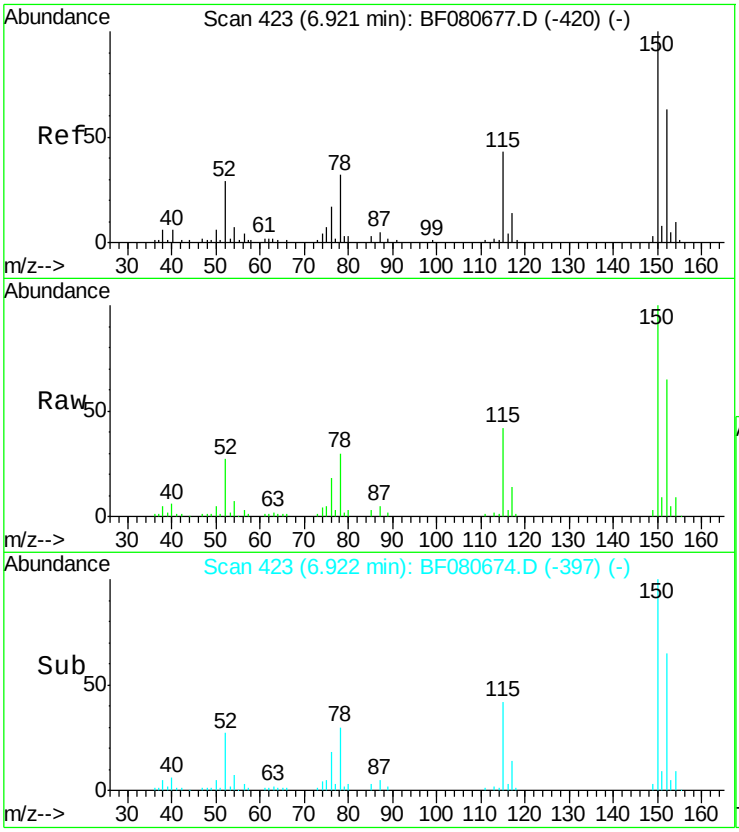
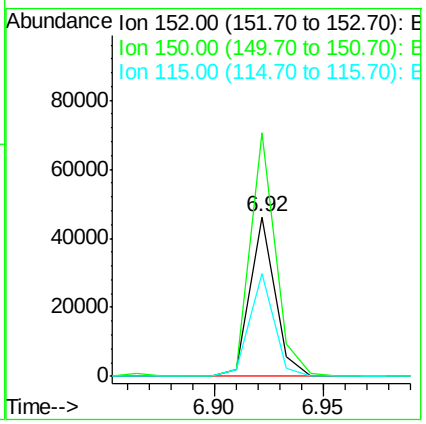




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:152 Resp: 36735

Ion	Ratio	Lower	Upper
152	100		
150	153.0	127.7	191.5
115	64.5	54.2	81.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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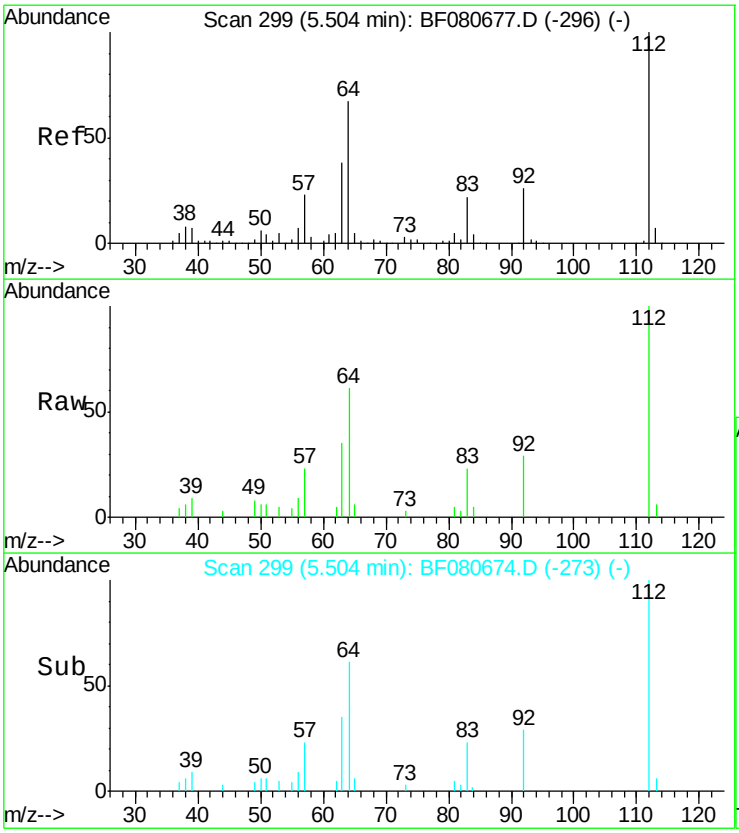
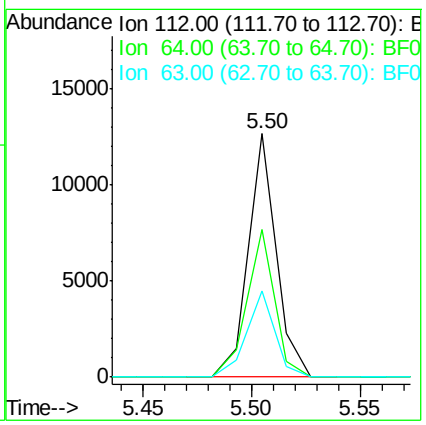
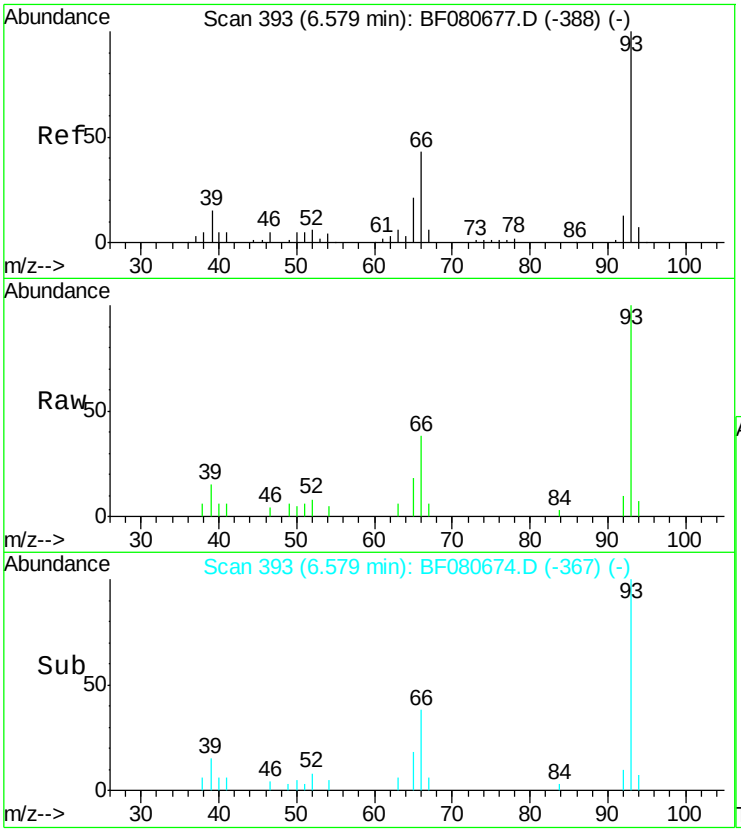


#5
2-Fluorophenol
Concen: 5.14 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:112 Resp: 11244

Ion	Ratio	Lower	Upper
112	100		
64	60.6	53.2	79.8
63	35.2	30.4	45.6

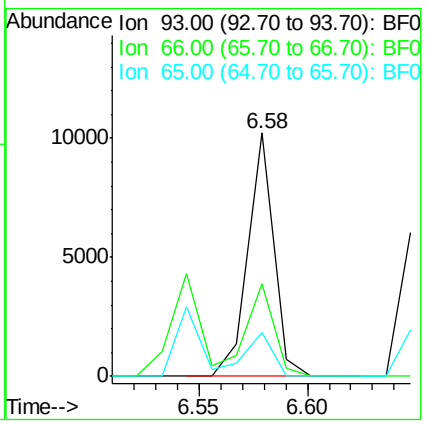




#6
Aniline
Concen: 2.29 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 93 Resp: 8431

Ion	Ratio	Lower	Upper
93	100		
66	38.0	34.6	52.0
65	18.1	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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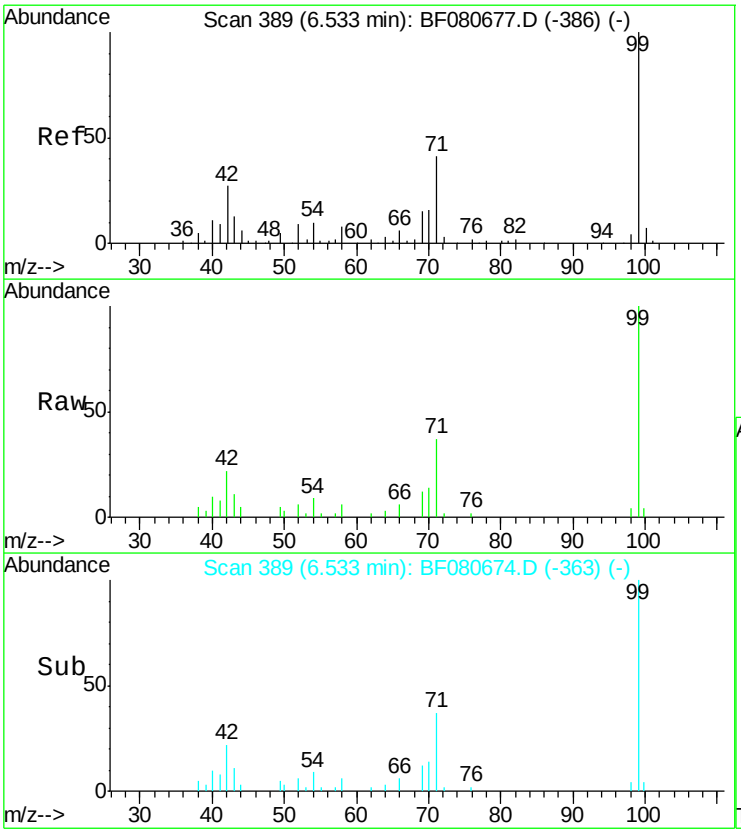
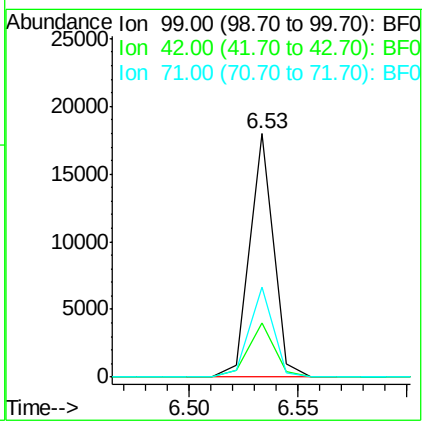
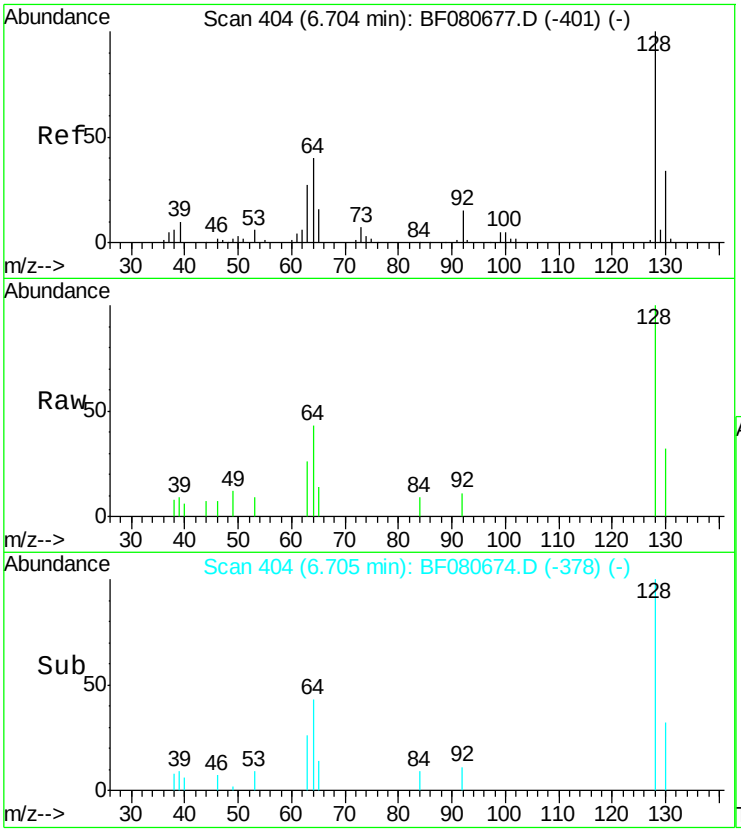


#7
Phenol-d6
Concen: 5.32 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 99 Resp: 13610

Ion	Ratio	Lower	Upper
99	100		
42	22.4	21.8	32.8
71	36.7	32.9	49.3

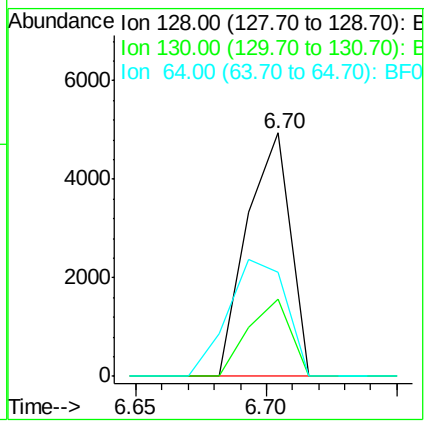




#8
2-Chlorophenol
Concen: 2.39 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:128 Resp: 5672

Ion	Ratio	Lower	Upper
128	100		
130	31.6	14.0	54.0
64	42.5	20.6	60.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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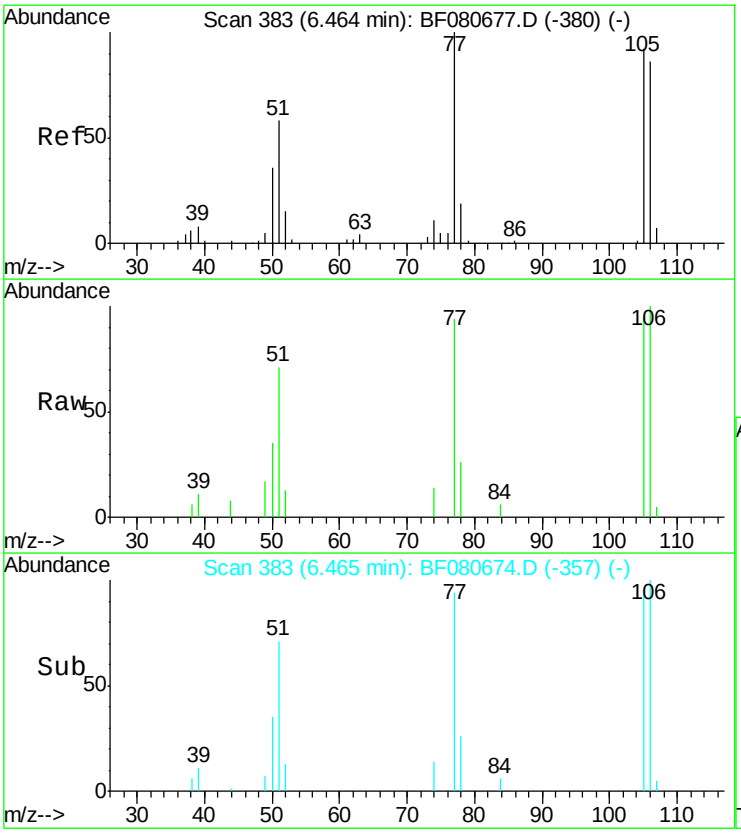
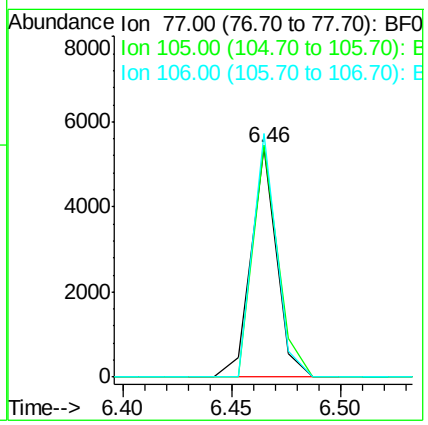
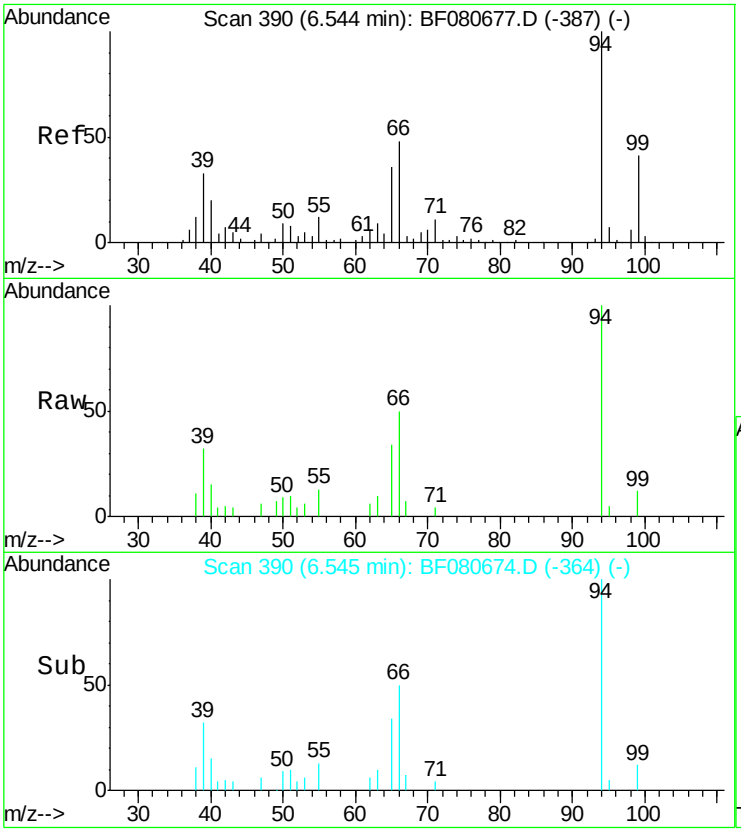


#9
Benzaldehyde
Concen: 2.57 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 77 Resp: 4387

Ion	Ratio	Lower	Upper
77	100		
105	101.3	72.1	112.1
106	106.1	65.5	105.5#

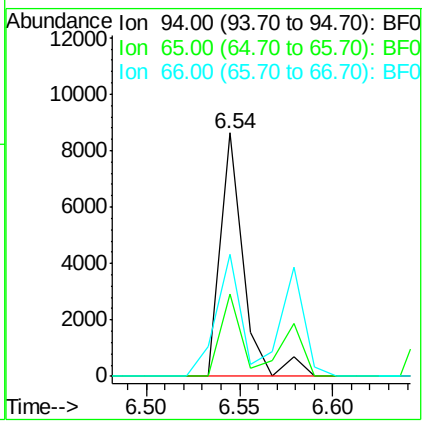




#10
Phenol
Concen: 2.42 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 94 Resp: 7463

Ion	Ratio	Lower	Upper
94	100		
65	34.1	16.0	56.0
66	49.9	28.1	68.1



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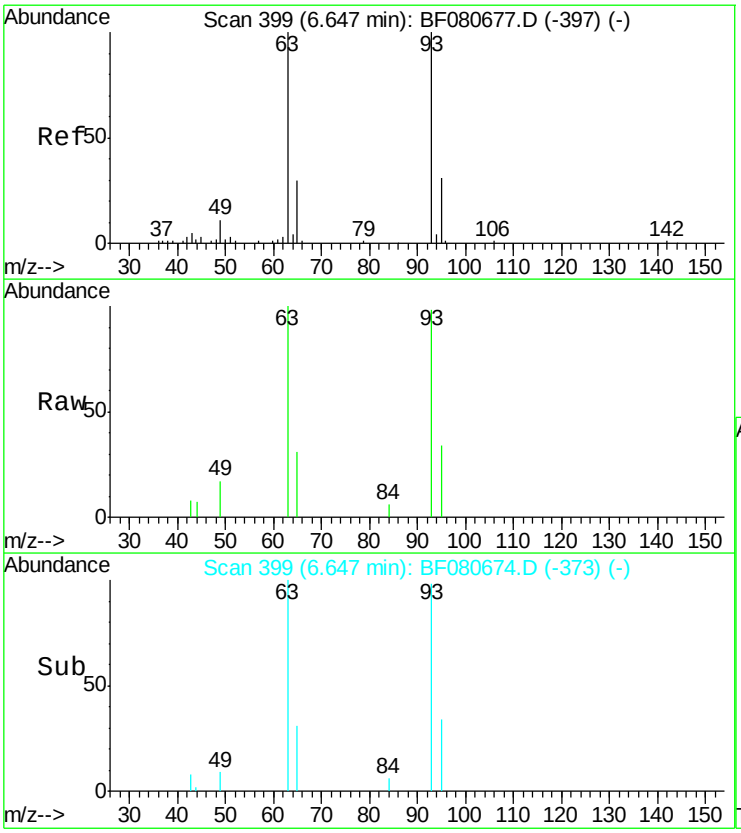
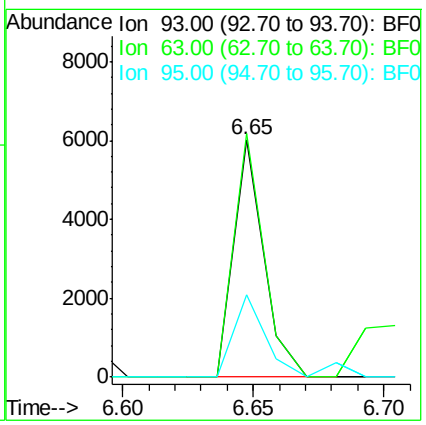
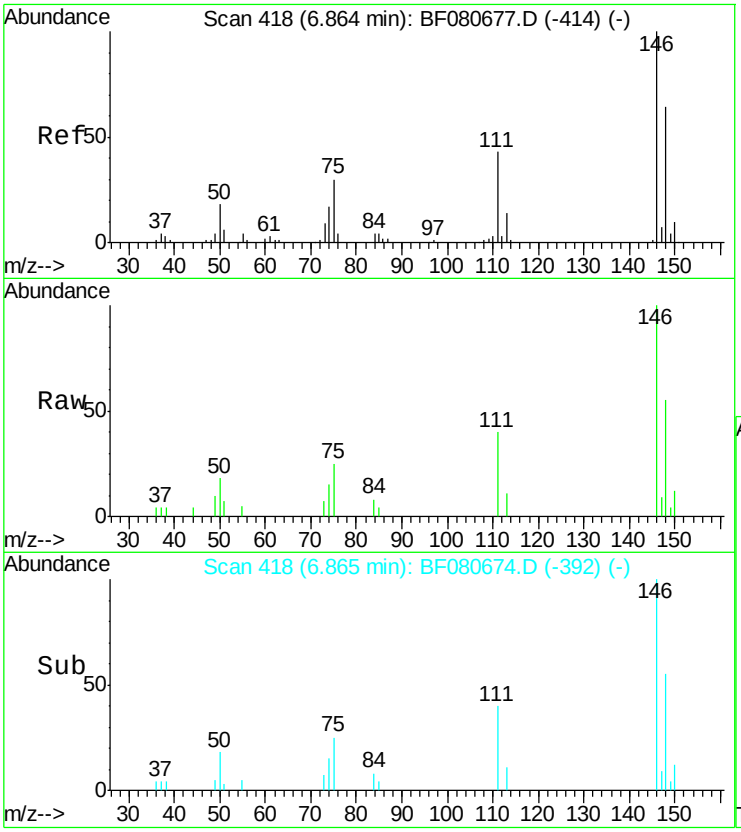


#11
bis(2-Chloroethyl)ether
Concen: 2.15 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 93 Resp: 4849

Ion	Ratio	Lower	Upper
93	100		
63	102.4	79.7	119.7
95	34.8	11.0	51.0

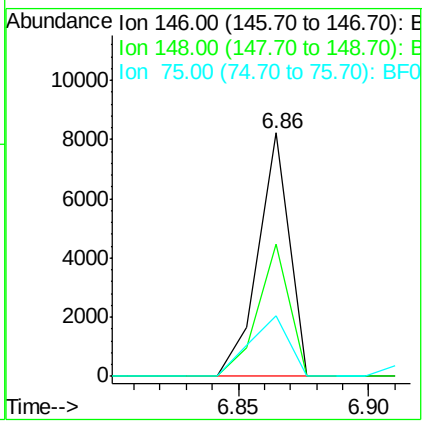




#12
1,3-Dichlorobenzene
Concen: 2.59 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:146 Resp: 6791

Ion	Ratio	Lower	Upper
146	100		
148	54.6	51.2	76.8
75	25.1	23.9	35.9



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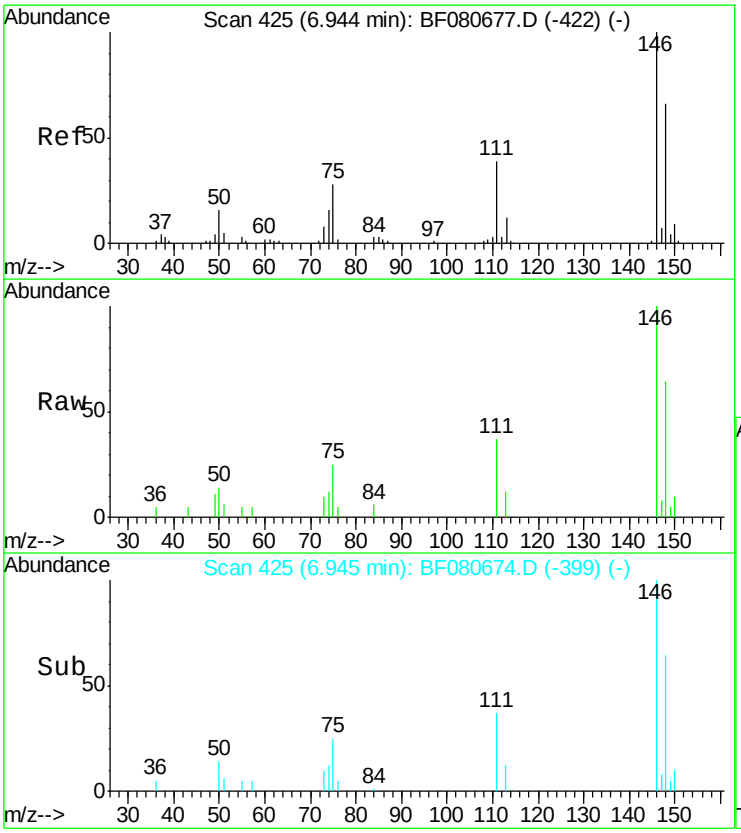
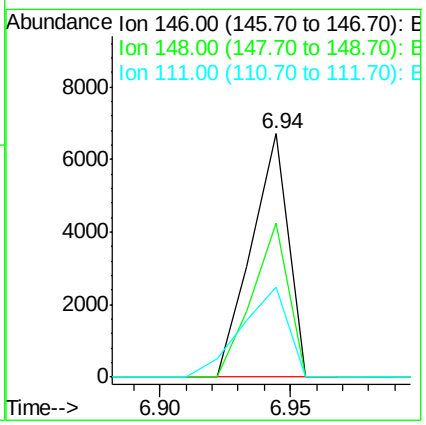
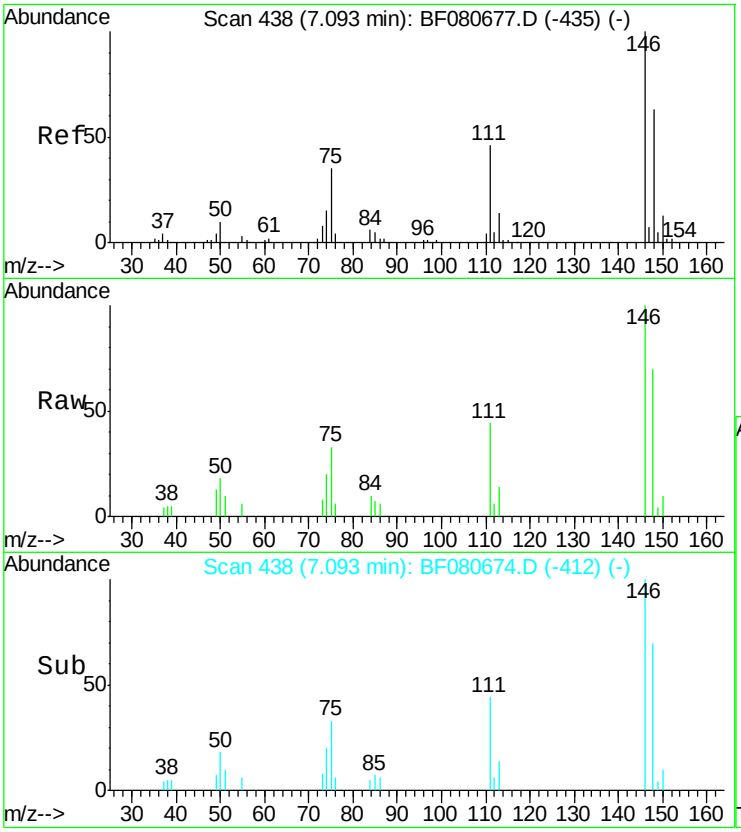


#13
1,4-Dichlorobenzene
Concen: 2.49 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:146 Resp: 6678

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.7	79.1
111	37.1	31.1	46.7

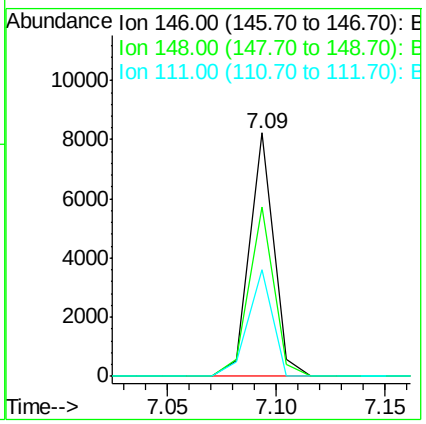




#14
1,2-Dichlorobenzene
Concen: 2.43 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:146 Resp: 6396

Ion	Ratio	Lower	Upper
146	100		
148	69.6	50.6	76.0
111	44.0	37.2	55.8



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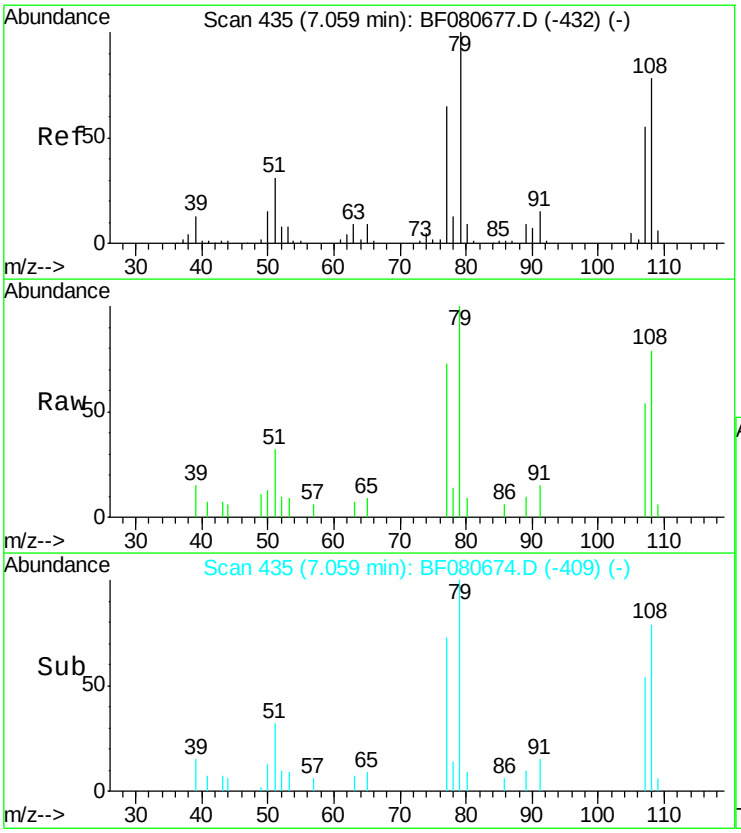
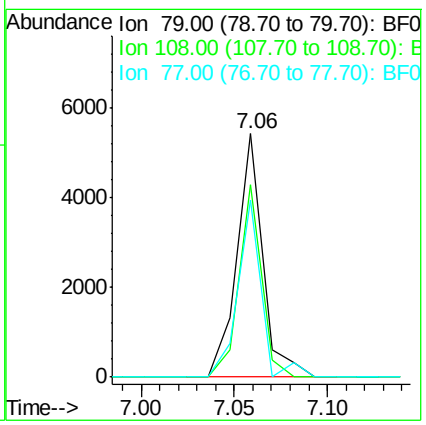
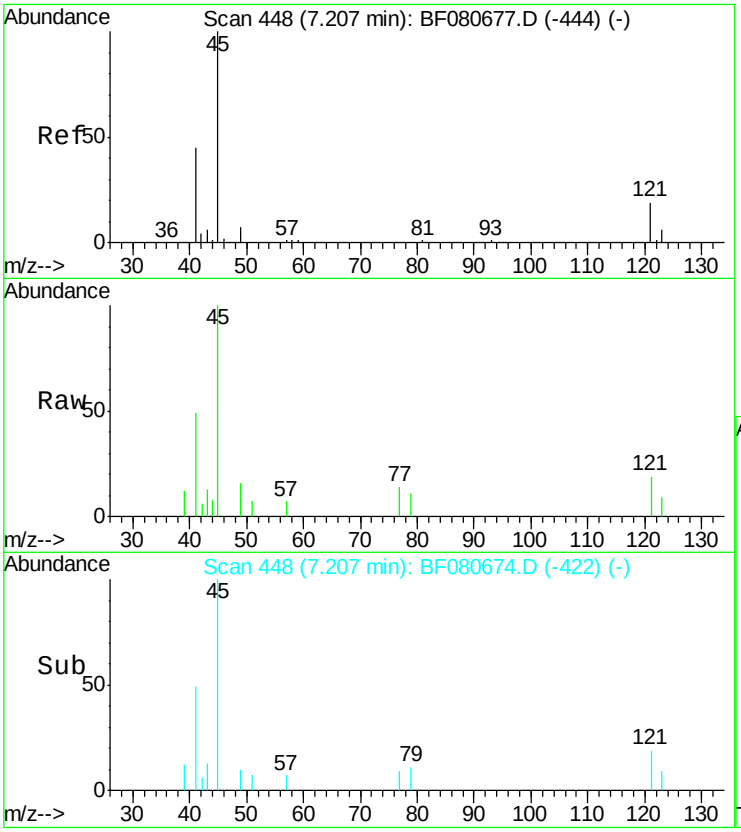


#15
Benzyl Alcohol
Concen: 2.43 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 79 Resp: 5245

Ion	Ratio	Lower	Upper
79	100		
108	78.9	62.7	94.1
77	72.7	51.8	77.8

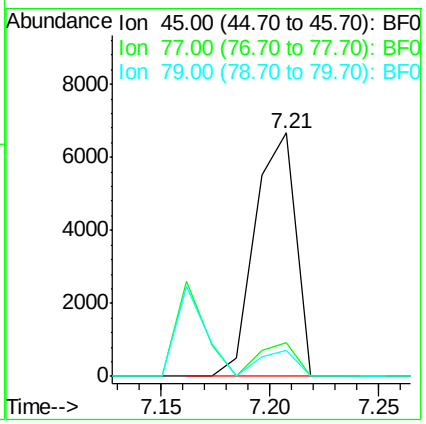




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.22 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 45 Resp: 8709

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.4
79	10.9	0.0	28.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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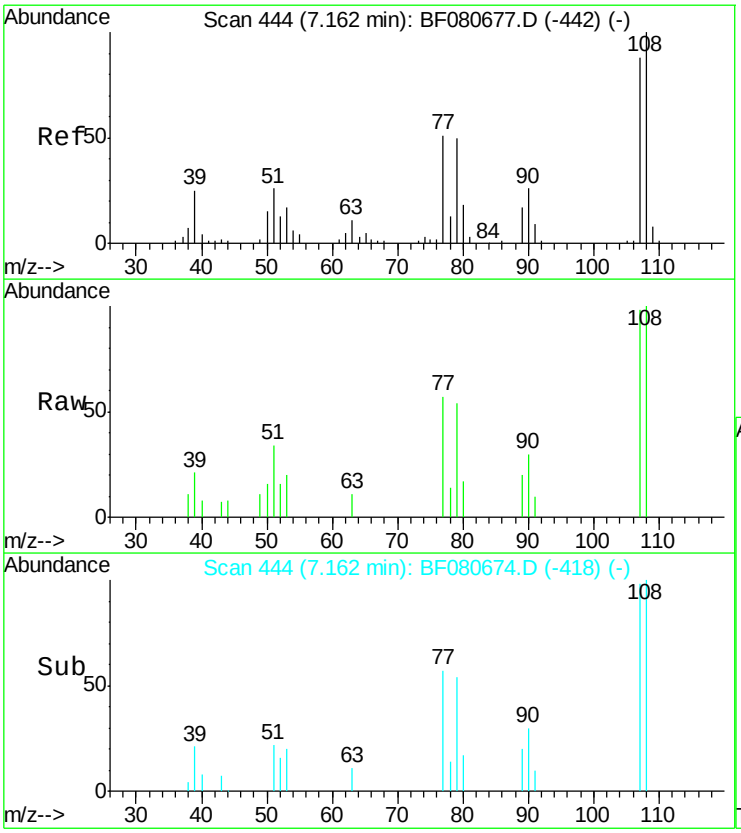
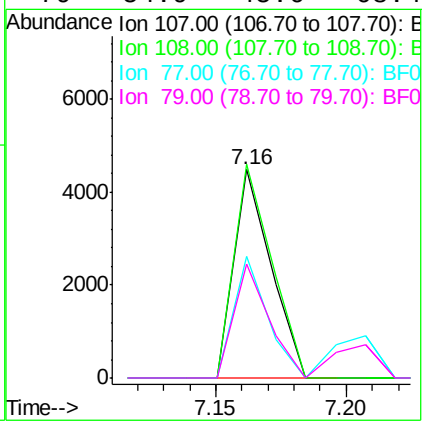
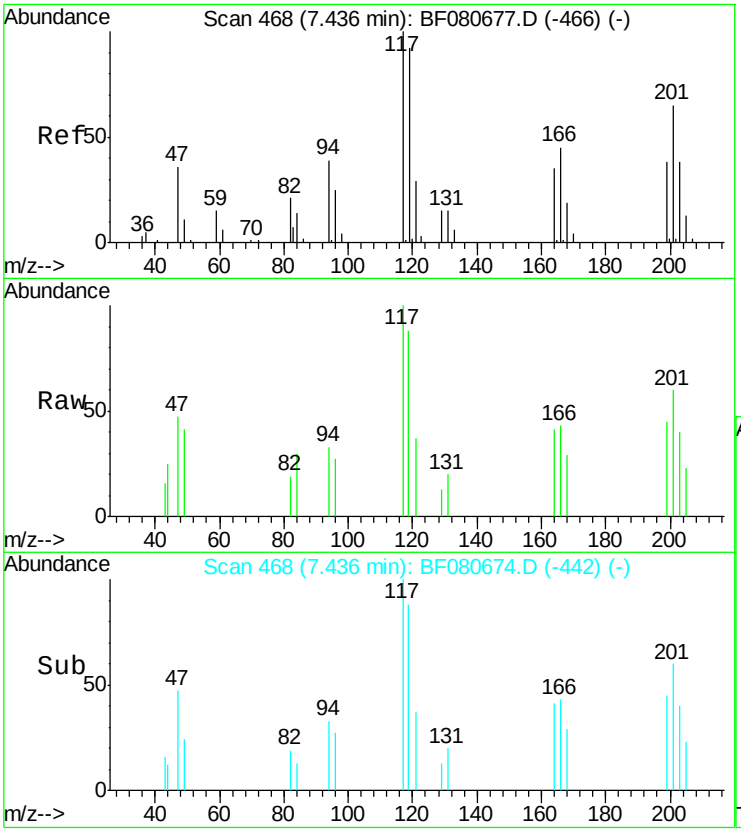


#17
2-Methylphenol
Concen: 2.39 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:107 Resp: 4454

Ion	Ratio	Lower	Upper
107	100		
108	102.5	91.3	136.9
77	58.3	47.0	70.4
79	54.9	45.6	68.4

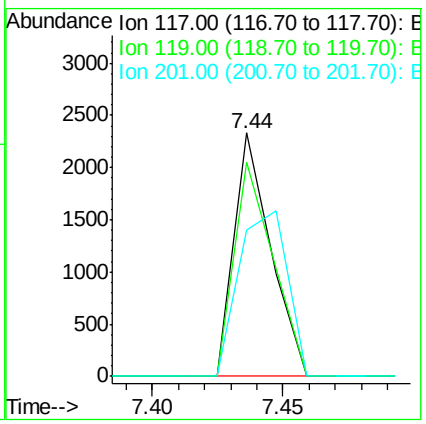




#18
Hexachloroethane
Concen: 2.20 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:117 Resp: 2273

Ion	Ratio	Lower	Upper
117	100		
119	88.0	73.6	110.4
201	60.4	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
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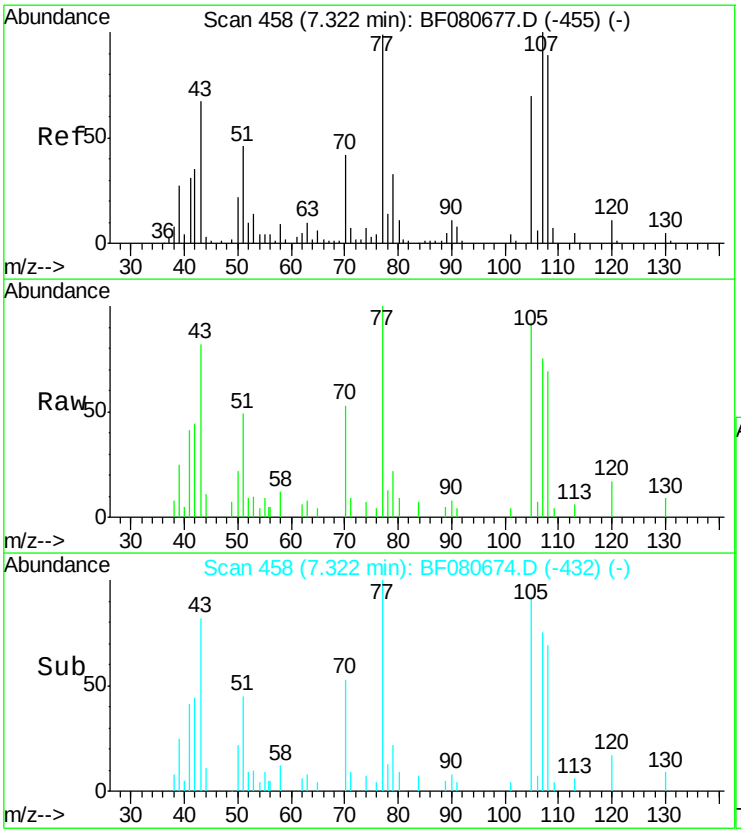
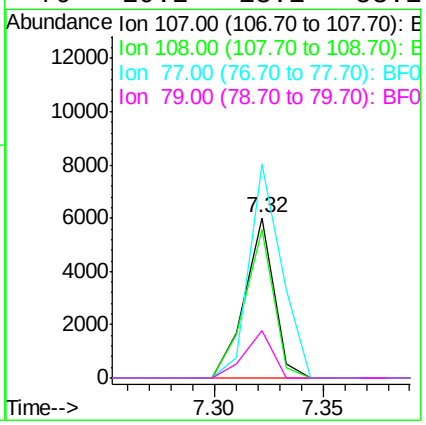
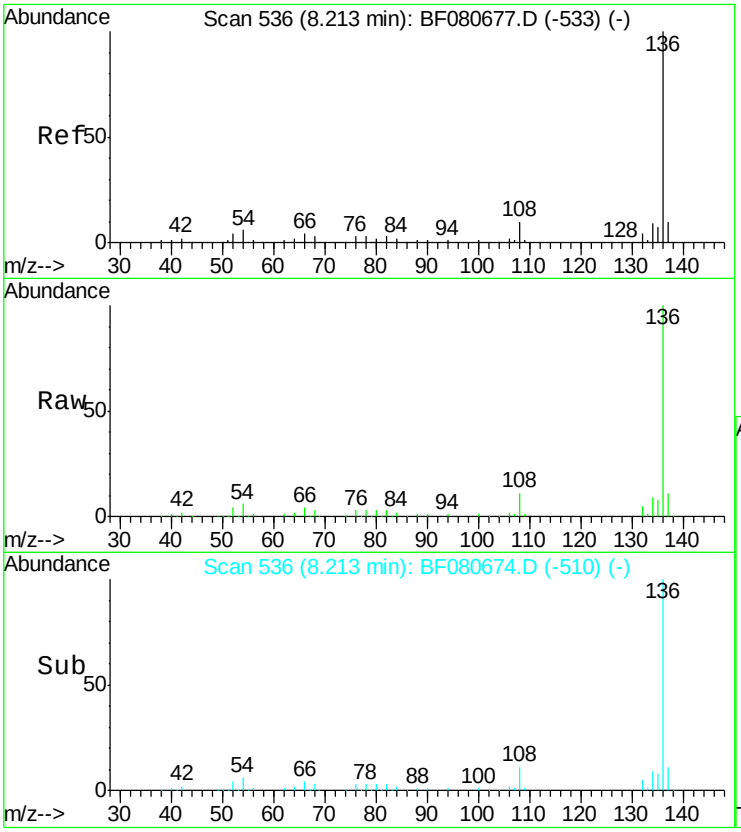


#20
3+4-Methylphenols
Concen: 2.31 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:107 Resp: 5627

Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.7	108.7
77	133.3	78.9	118.9#
79	29.2	13.1	53.1

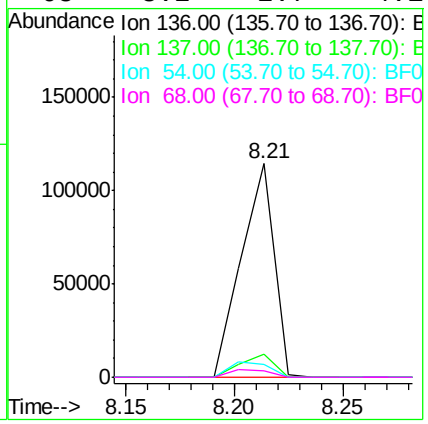




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:136 Resp: 119336

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	6.3	5.0	7.4
68	3.2	2.7	4.1



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ClientSampleId :
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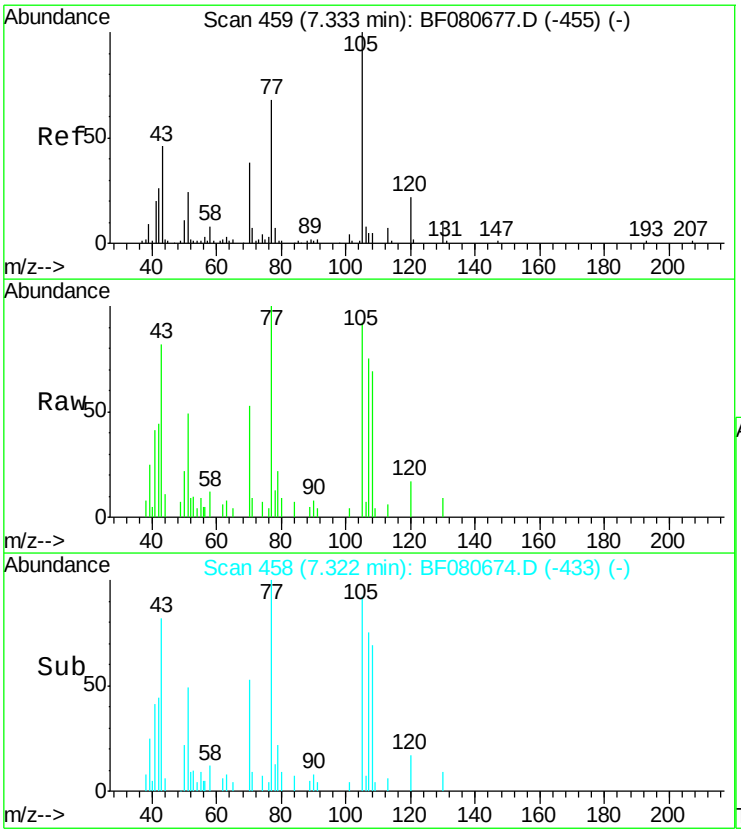
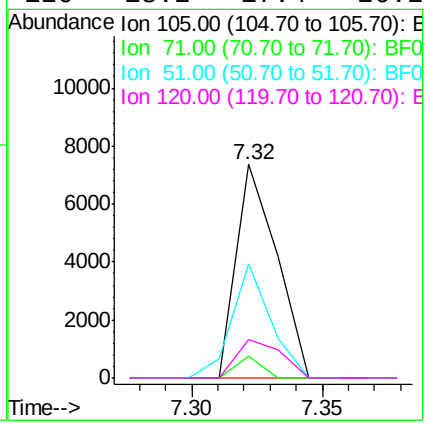
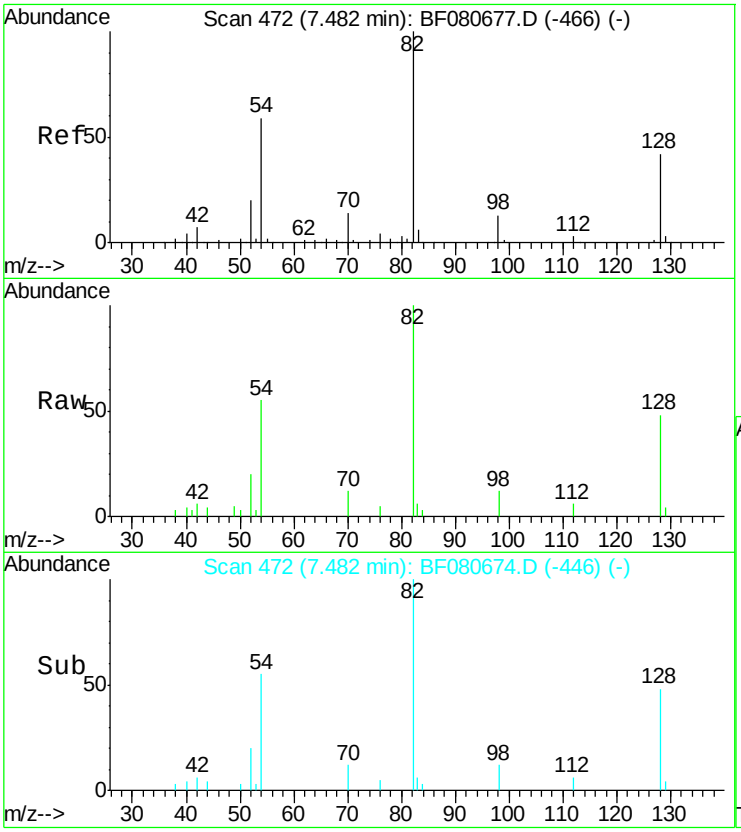


#22
Acetophenone
Concen: 2.57 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:105 Resp: 7927

Ion	Ratio	Lower	Upper
105	100		
71	10.1	5.4	8.2#
51	53.3	19.6	29.4#
120	18.2	17.4	26.2

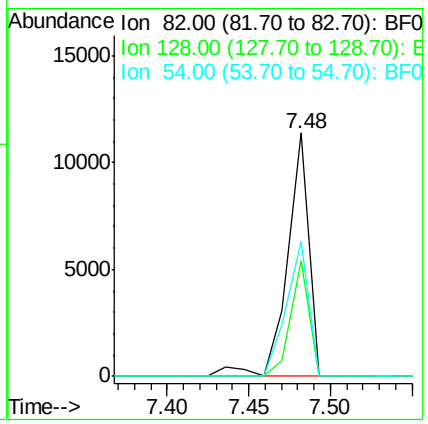




#23
Nitrobenzene-d5
Concen: 4.43 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 82 Resp: 10429

Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.7	50.5
54	55.3	47.3	70.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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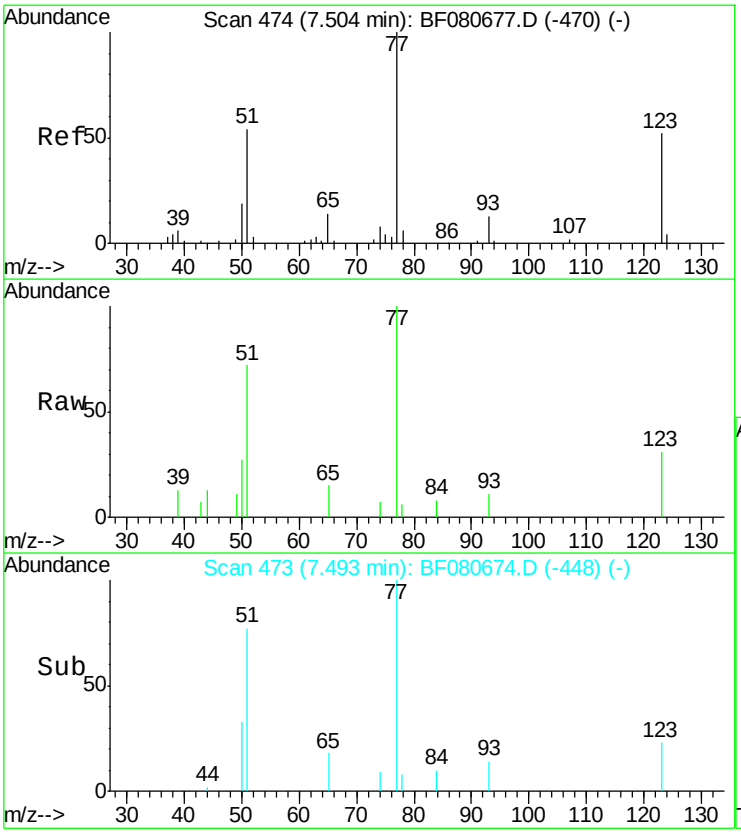
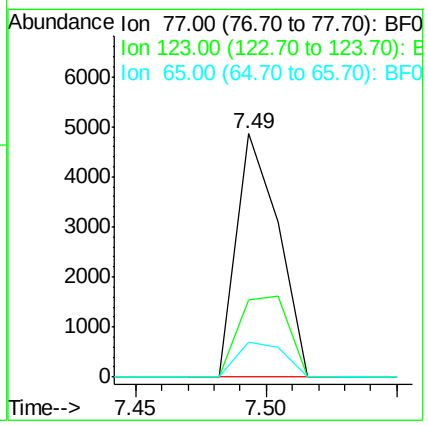
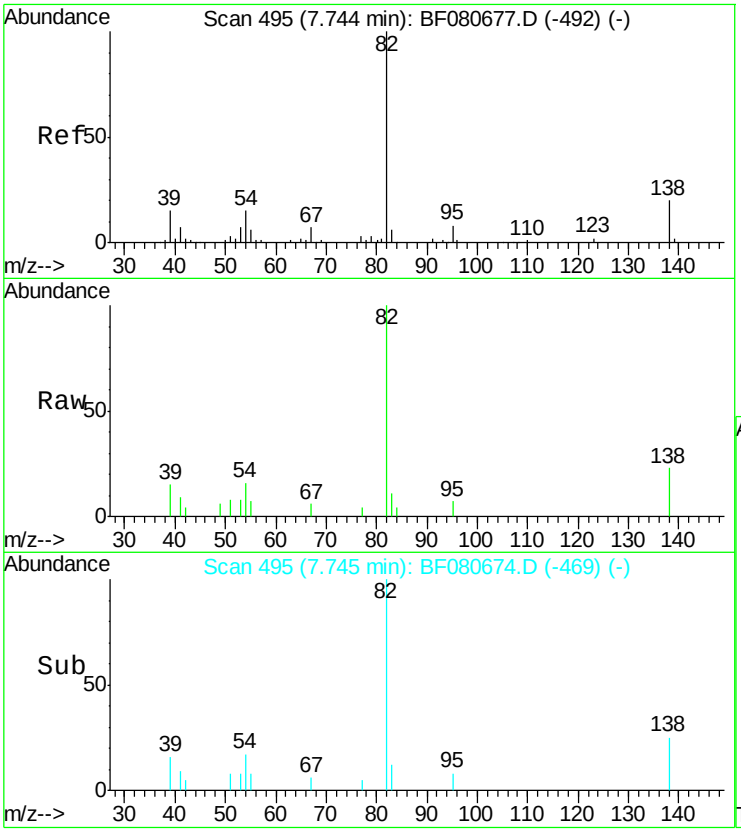


#24
Nitrobenzene
Concen: 2.31 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 77 Resp: 5453

Ion	Ratio	Lower	Upper
77	100		
123	31.5	41.8	62.8#
65	14.5	10.8	16.2

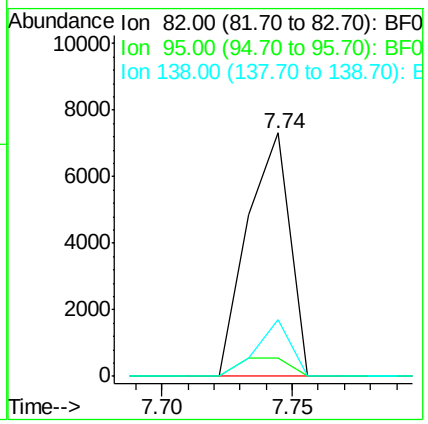




#25
Isophorone
Concen: 2.04 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 82 Resp: 8341

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.2
138	23.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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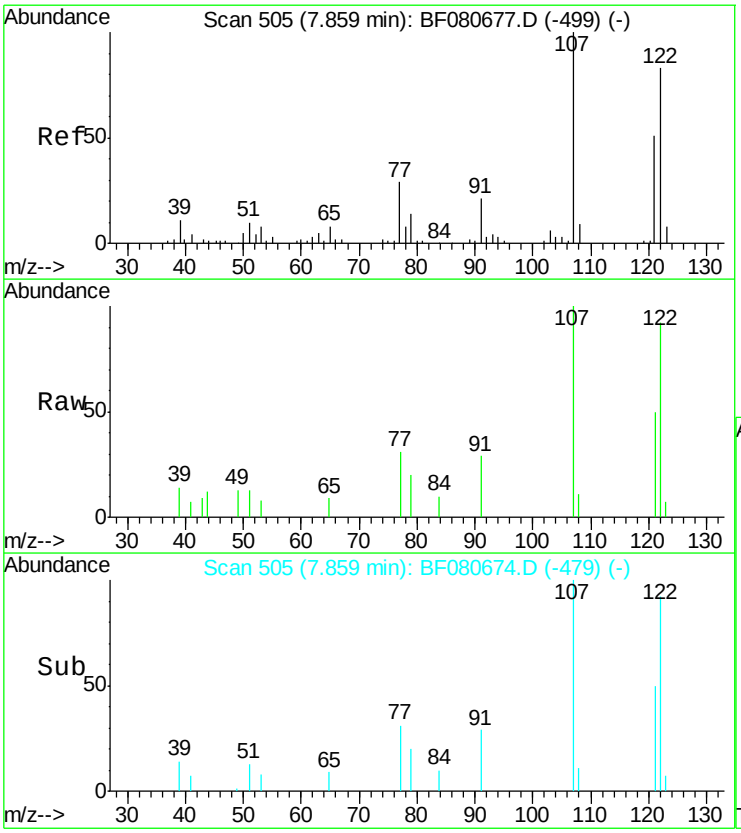
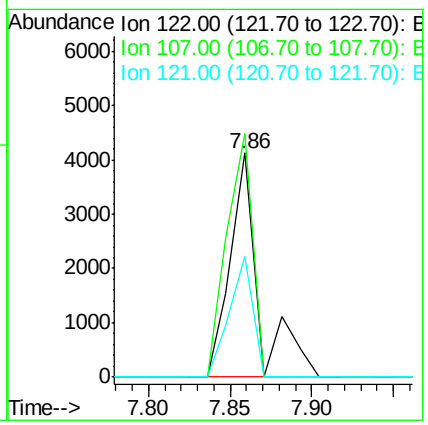
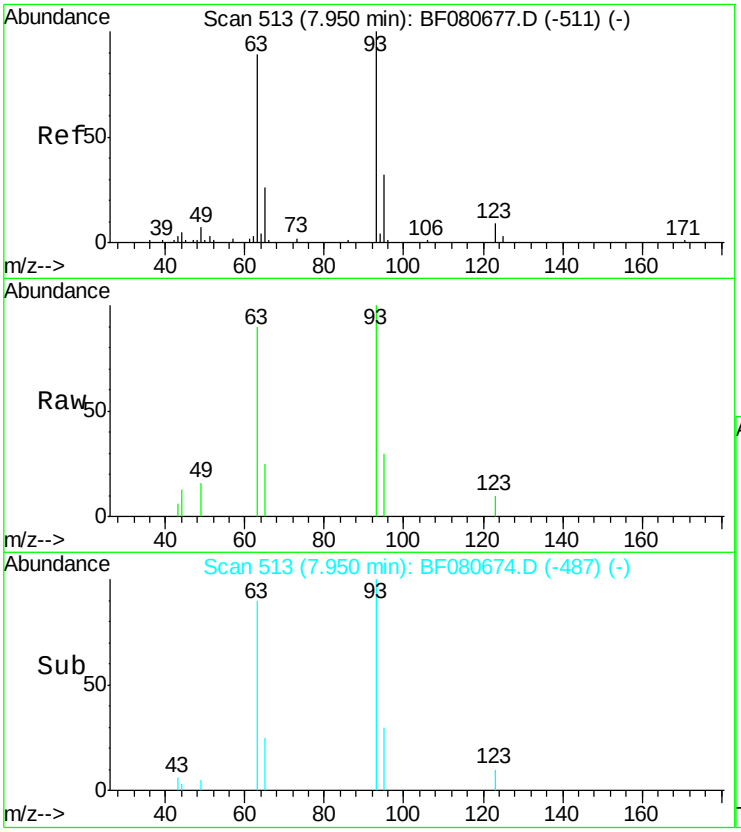


#27
2,4-Dimethylphenol
Concen: 2.90 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:122 Resp: 5005

Ion	Ratio	Lower	Upper
122	100		
107	108.6	95.8	143.8
121	53.8	49.0	73.4

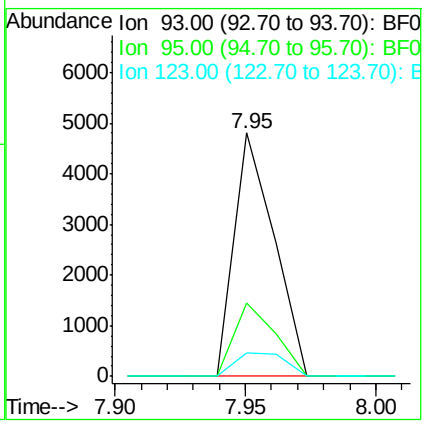




#28
bis(2-Chloroethoxy)methane
Concen: 2.16 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 93 Resp: 5103

Ion	Ratio	Lower	Upper
93	100		
95	30.2	25.3	37.9
123	9.7	7.0	10.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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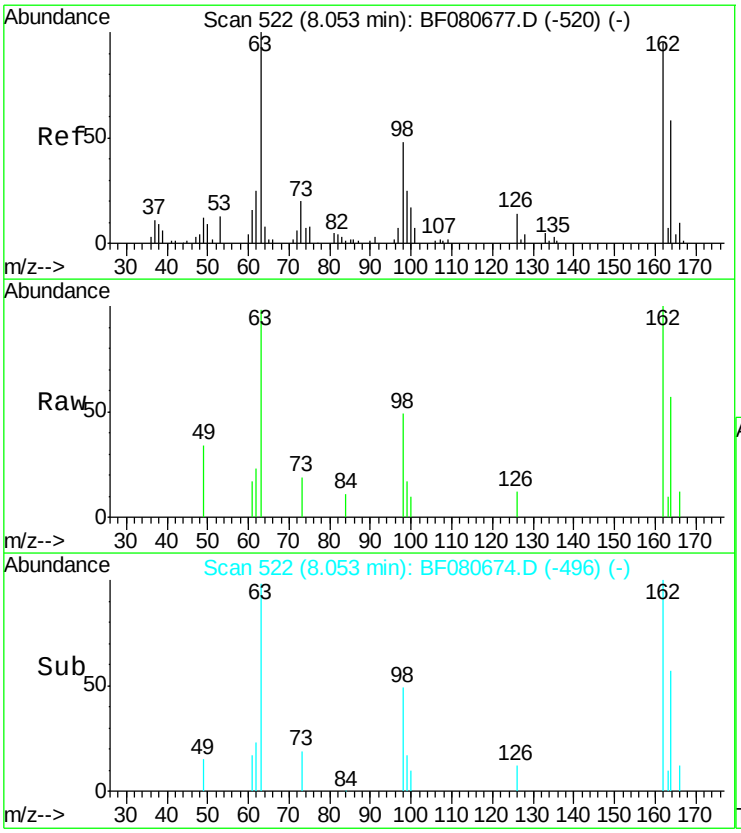
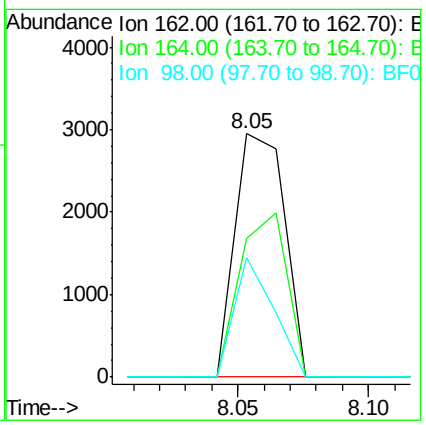
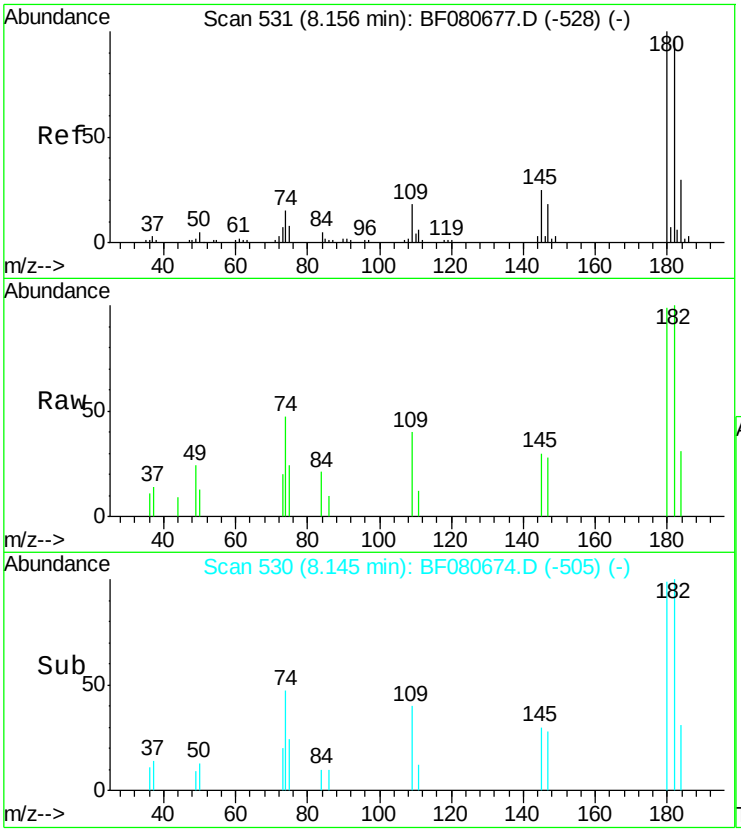


#29
2,4-Dichlorophenol
Concen: 2.43 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:162 Resp: 3921

Ion	Ratio	Lower	Upper
162	100		
164	57.0	41.2	81.2
98	49.0	30.4	70.4

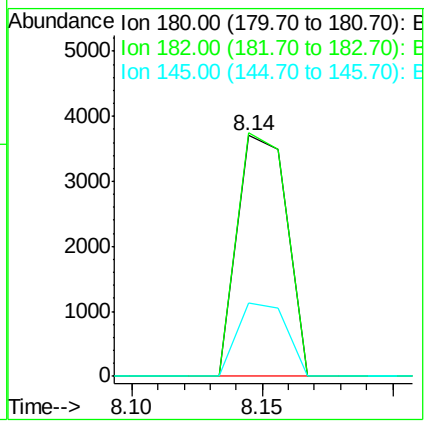




#30
1,2,4-Trichlorobenzene
Concen: 2.54 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:180 Resp: 4939

Ion	Ratio	Lower	Upper
180	100		
182	101.2	77.1	115.7
145	30.6	20.0	30.0#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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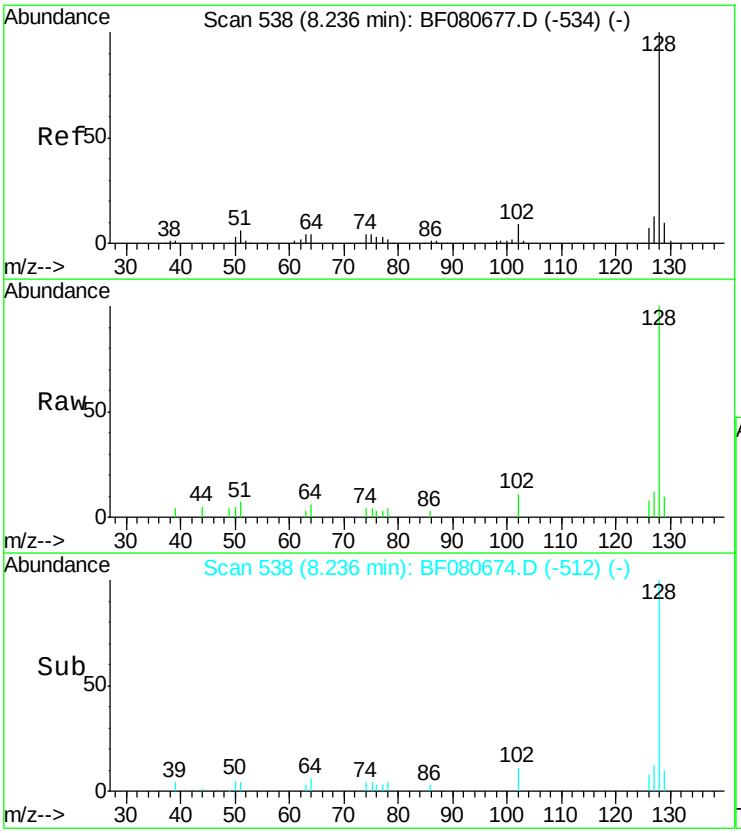
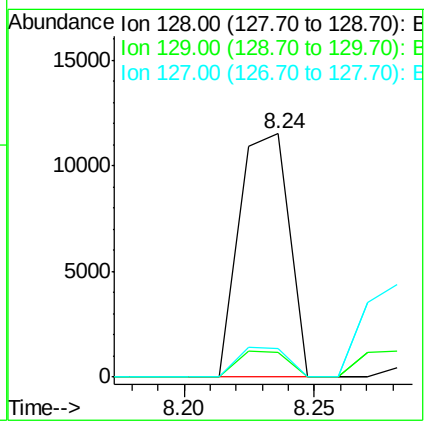
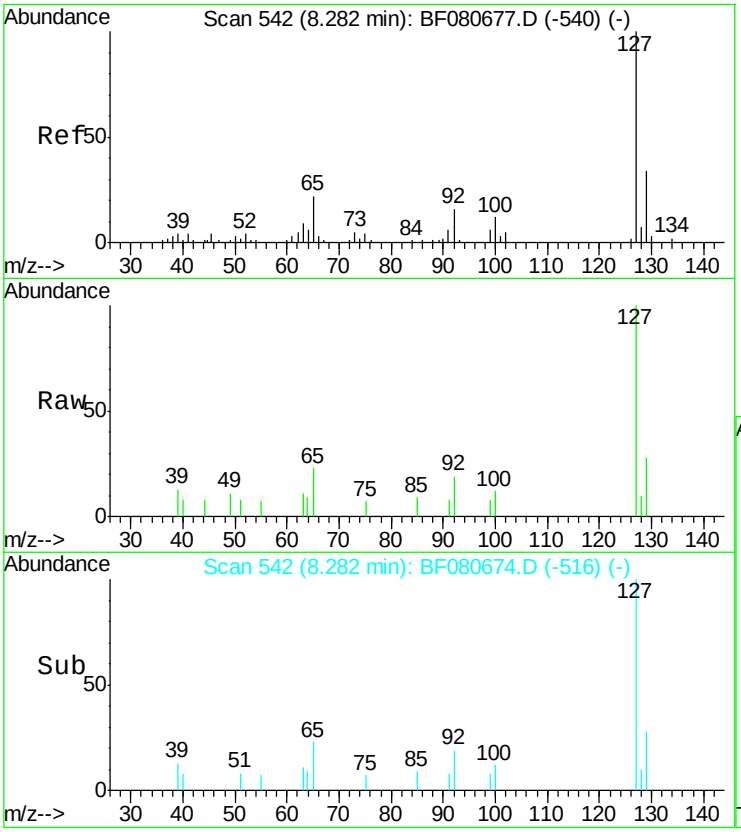


#31
Naphthalene
Concen: 2.59 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:128 Resp: 15370

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.3	12.5
127	11.8	10.5	15.7

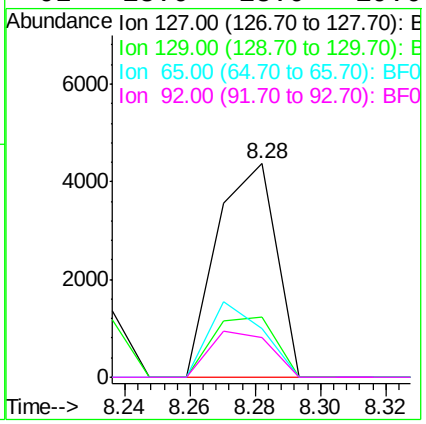




#33
4-Chloroaniline
Concen: 2.13 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:127 Resp: 5440

Ion	Ratio	Lower	Upper
127	100		
129	28.0	26.8	40.2
65	22.9	17.6	26.4
92	18.6	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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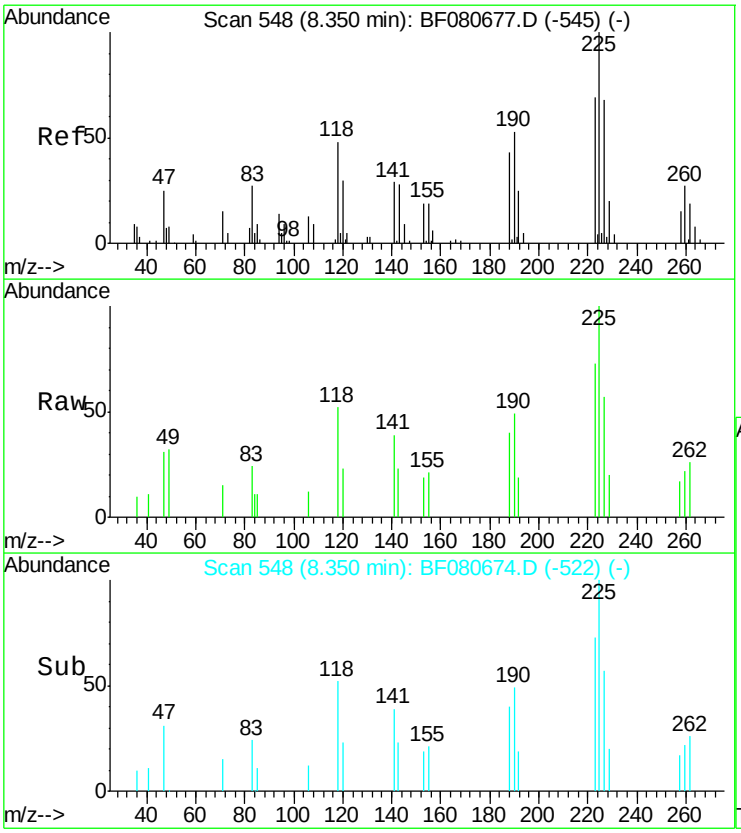
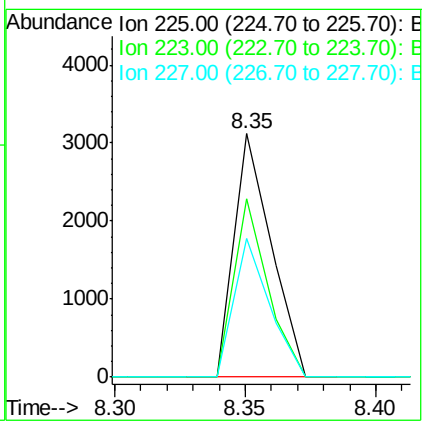
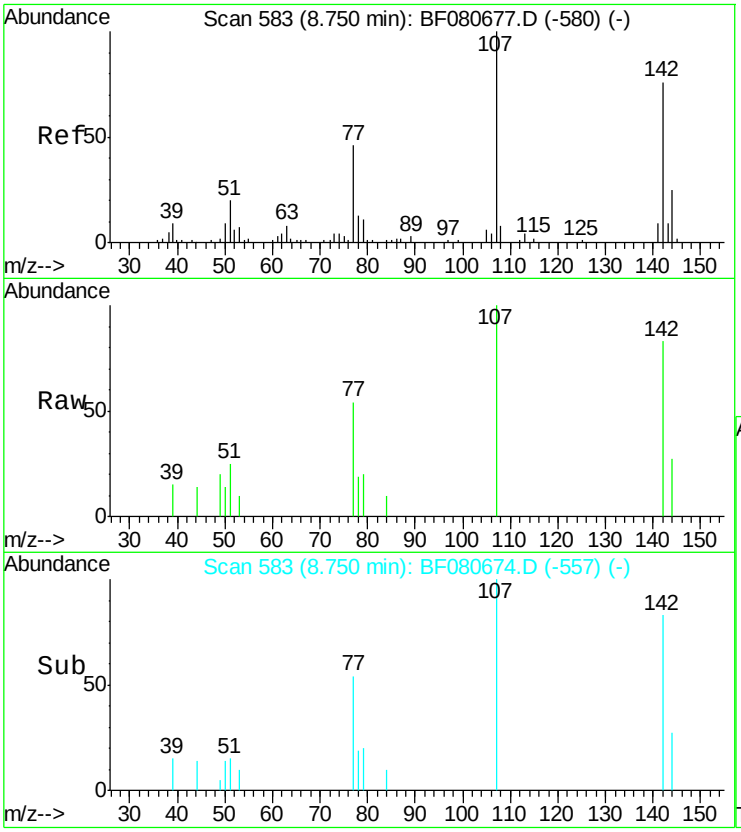


#34
Hexachlorobutadiene
Concen: 2.37 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:225 Resp: 3125

Ion	Ratio	Lower	Upper
225	100		
223	73.3	55.0	82.6
227	57.1	54.0	81.0

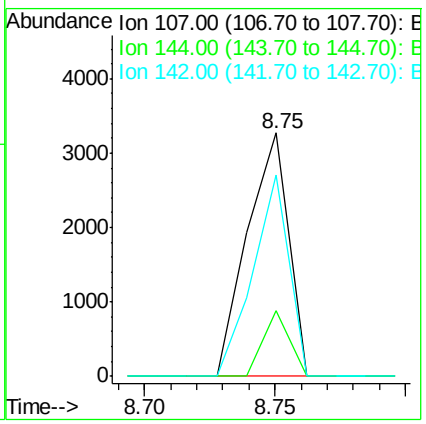




#36
4-Chloro-3-methylphenol
Concen: 2.06 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:107 Resp: 3566

Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.0	30.0
142	82.6	61.0	91.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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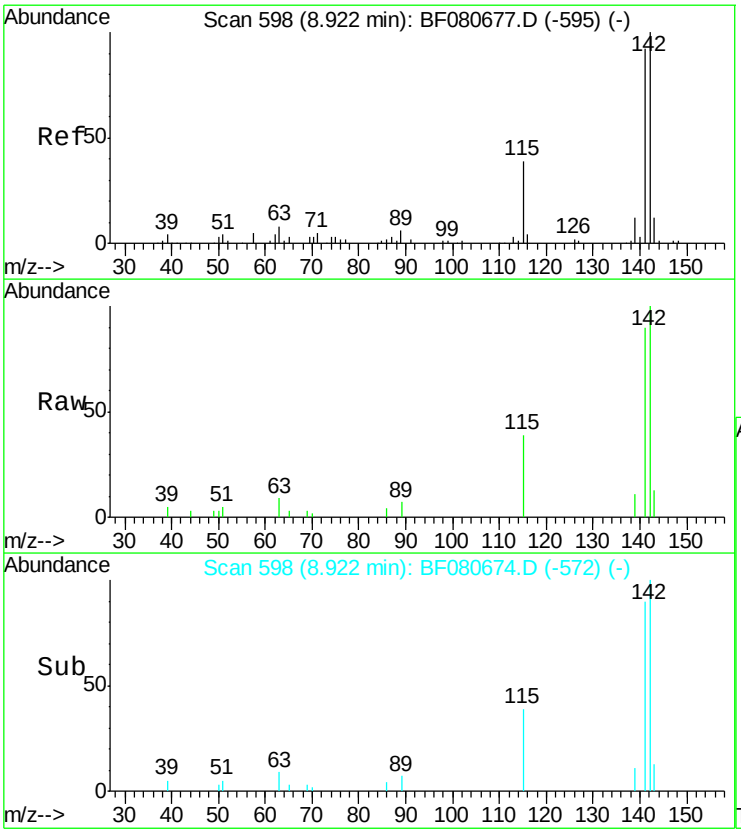
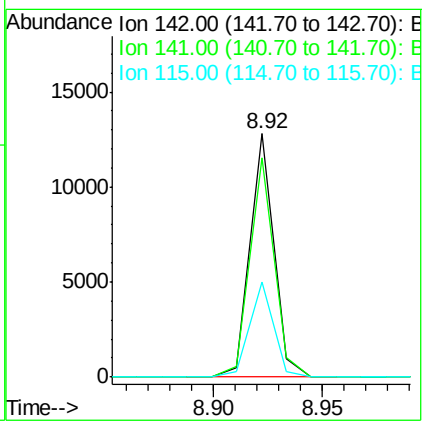
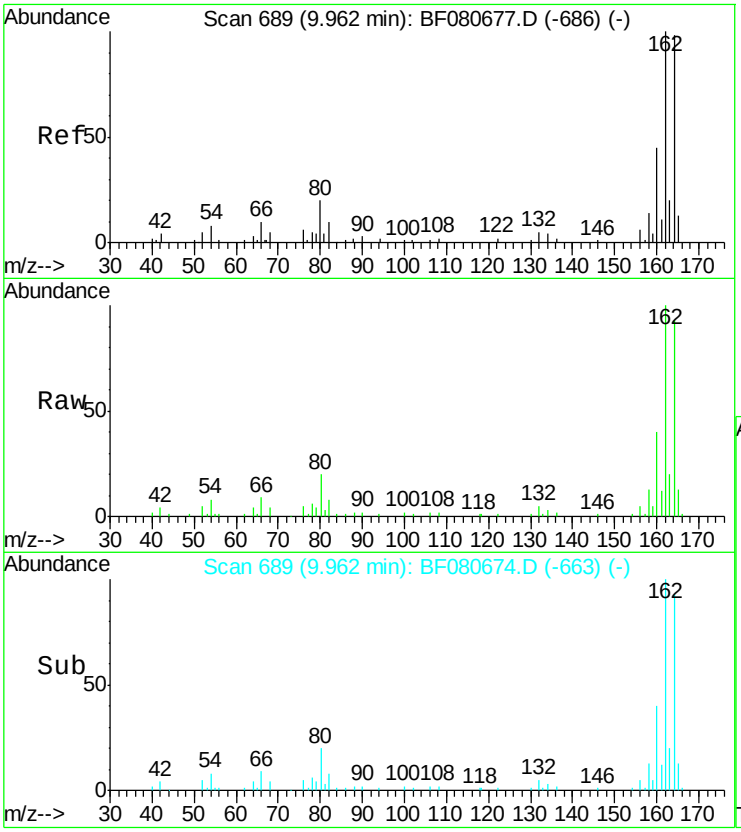


#37
2-Methylnaphthalene
Concen: 2.34 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:142 Resp: 9753

Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.4	110.0
115	38.9	31.0	46.4

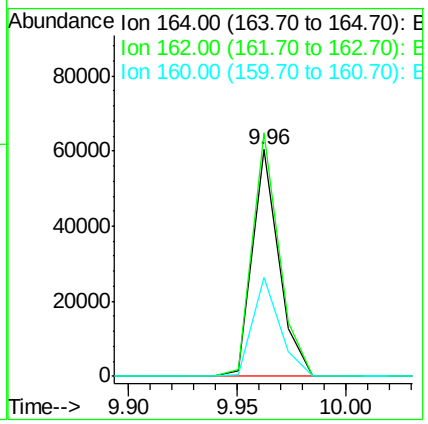




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:164 Resp: 51142

Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.0	123.0
160	43.4	36.7	55.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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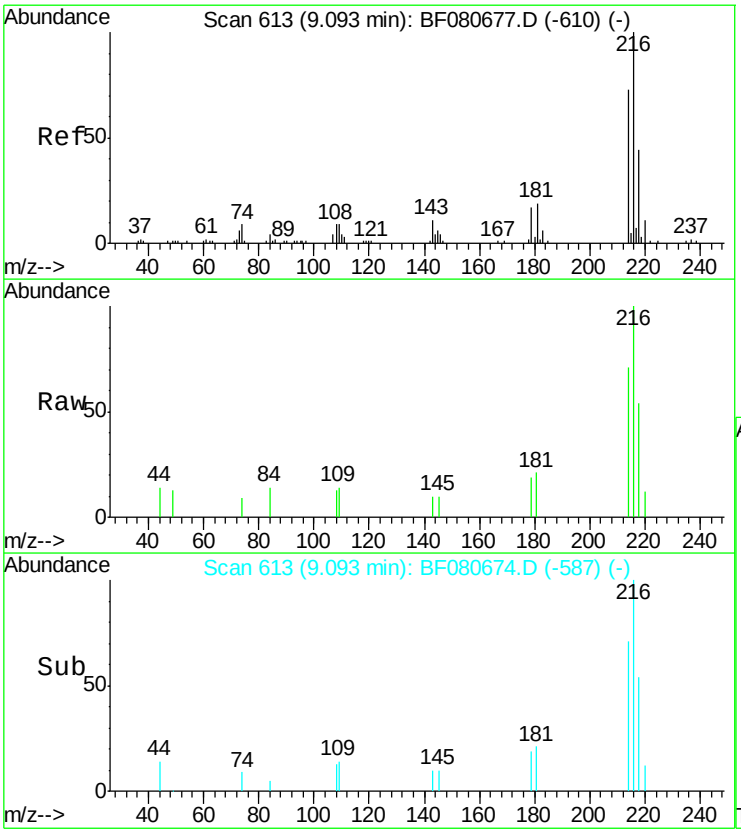
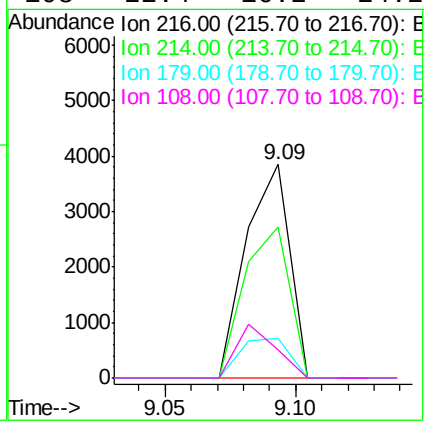
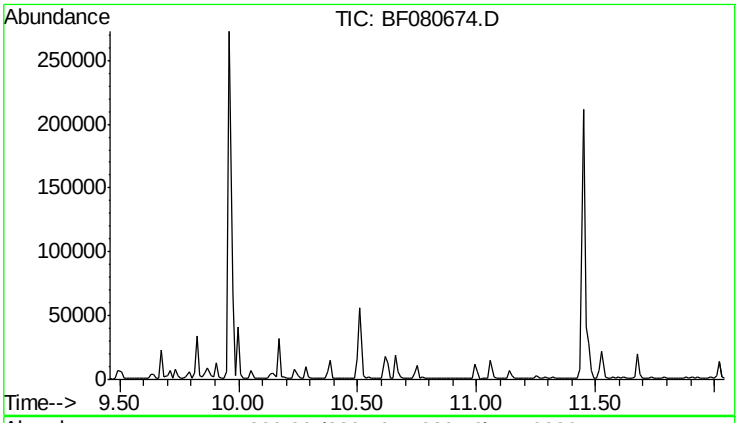


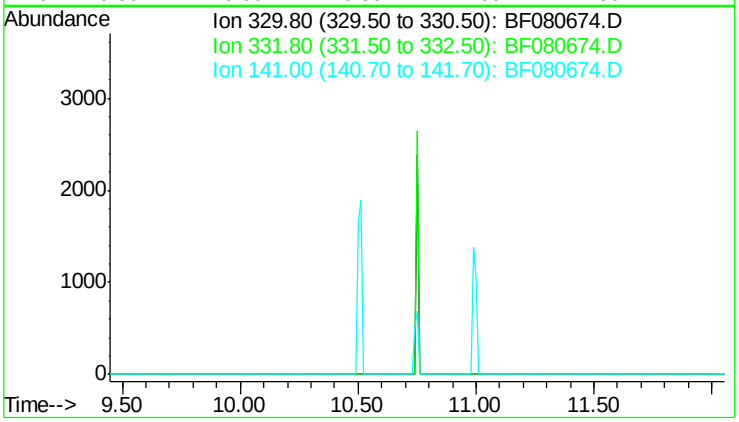
#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.97 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:216 Resp: 4517

Ion	Ratio	Lower	Upper
216	100		
214	73.1	61.6	92.4
179	21.1	17.4	26.0
108	22.4	16.2	24.2







#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.75 min

Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	38.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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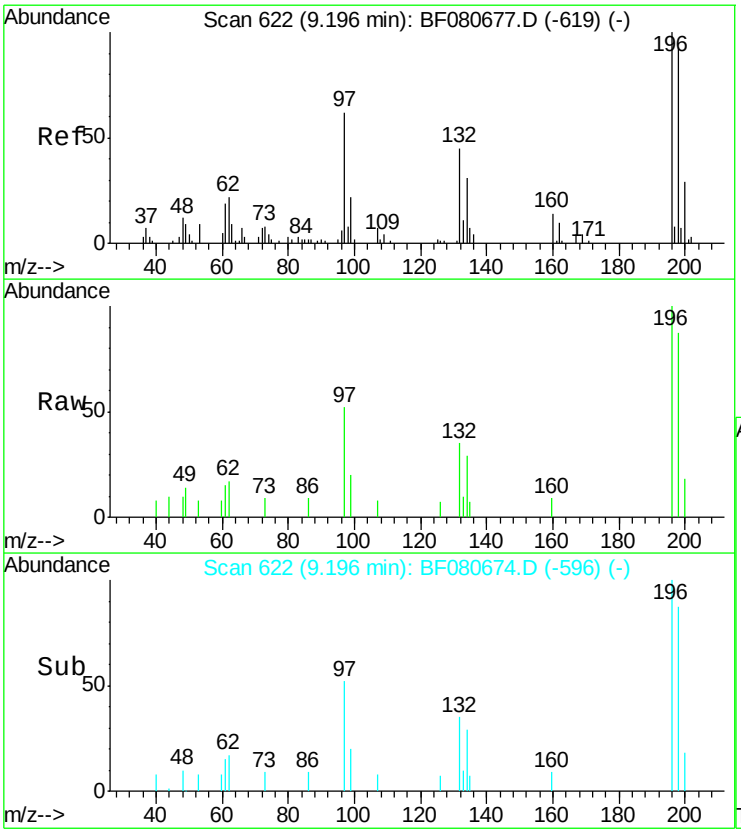
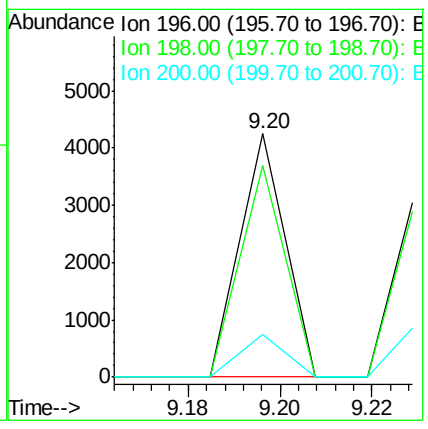
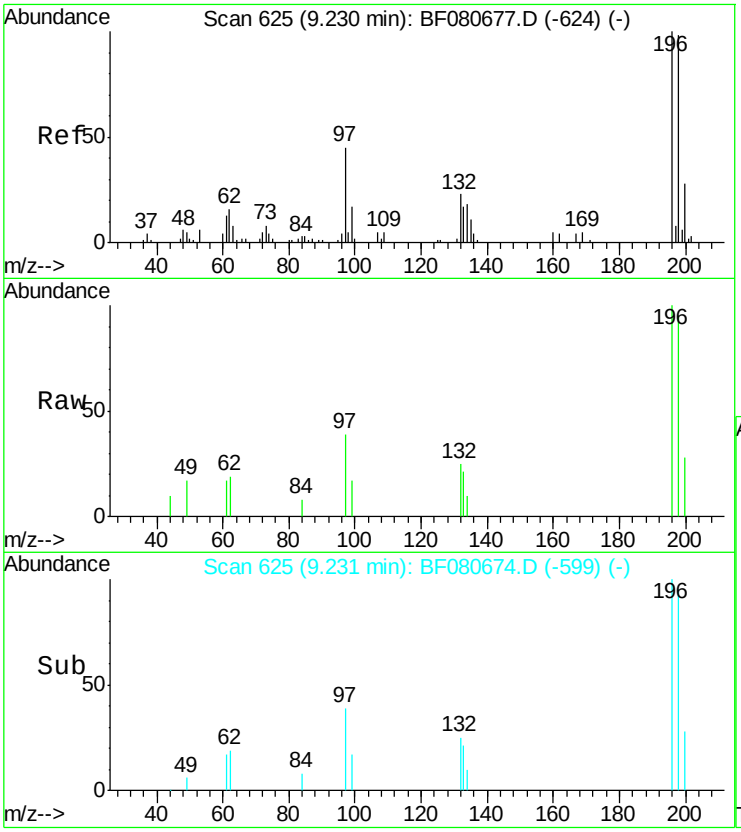


#42
2,4,6-Trichlorophenol
Concen: 2.83 ng m
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:196 Resp: 2915

Ion	Ratio	Lower	Upper
196	100		
198	86.8	74.4	111.6
200	17.6	23.6	35.4#

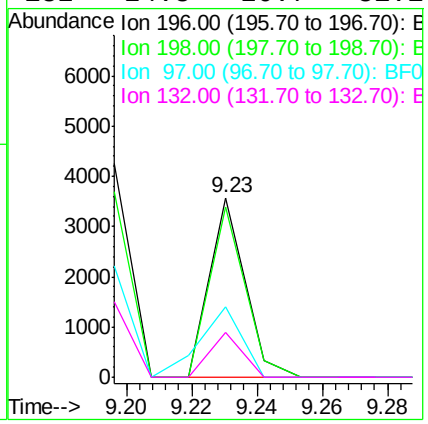




#43
2,4,5-Trichlorophenol
Concen: 2.51 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:196 Resp: 2668

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.3	115.9
97	39.1	39.6	59.4#
132	24.8	20.7	31.1



Instrument :
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ClientSampleId :
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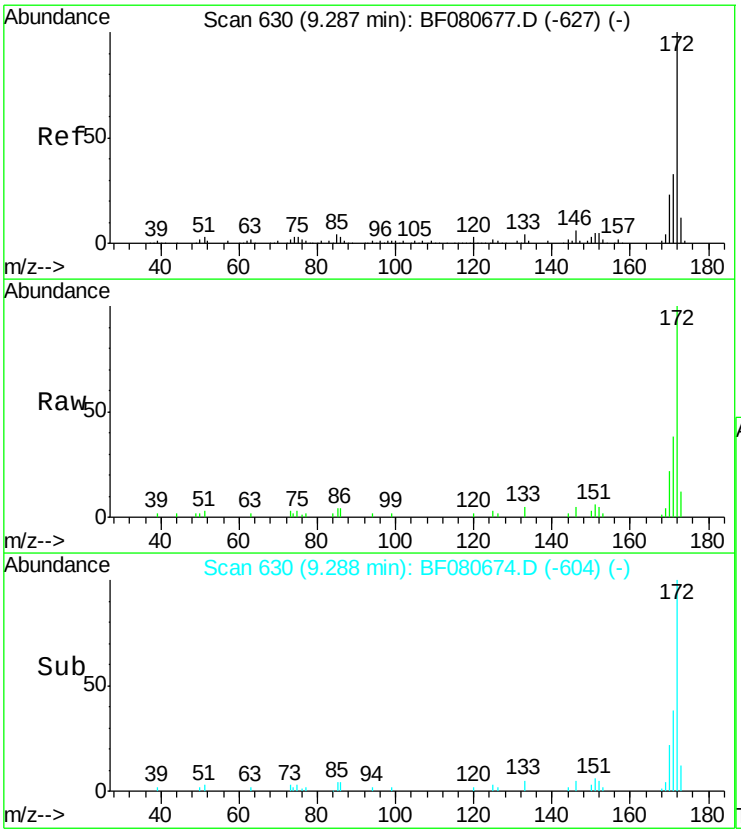
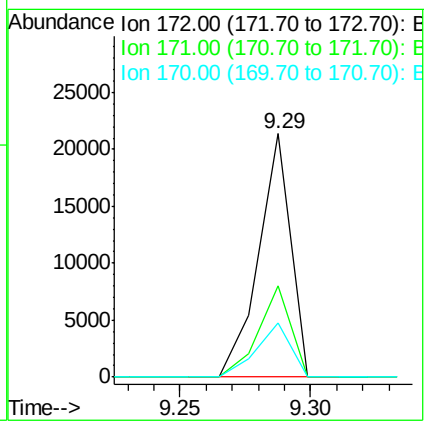
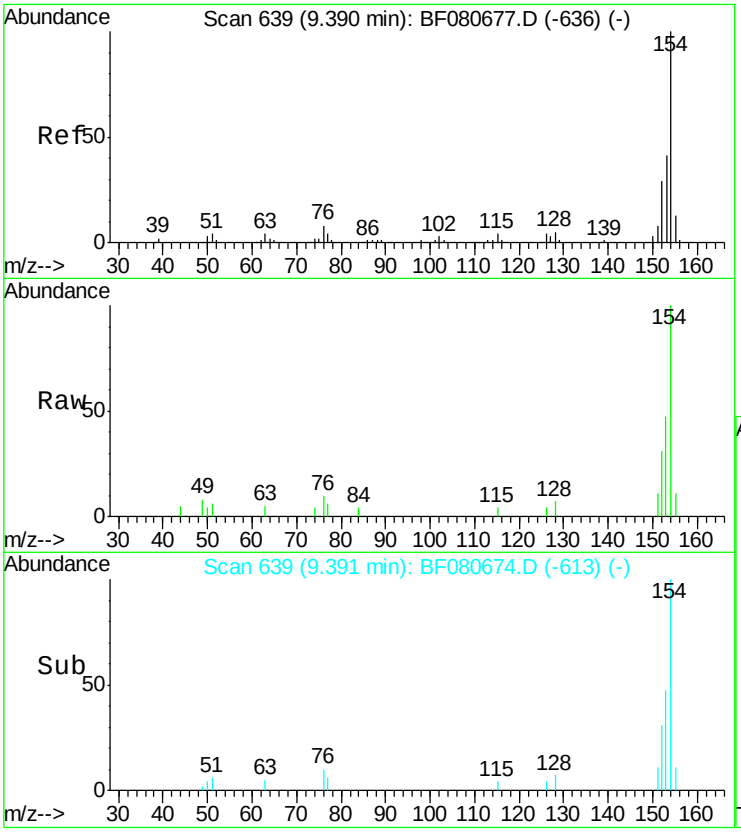


#44
2-Fluorobiphenyl
Concen: 5.37 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:172 Resp: 18377

Ion	Ratio	Lower	Upper
172	100		
171	37.5	26.6	39.8
170	22.0	18.6	28.0

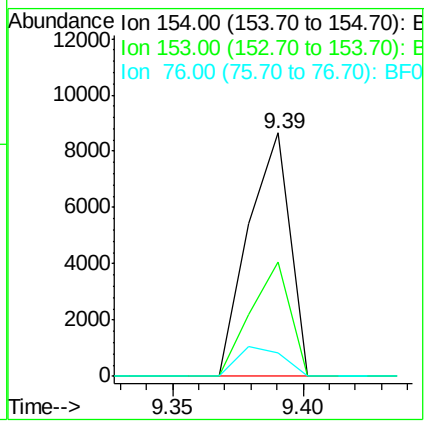




#45
1,1'-Biphenyl
Concen: 2.65 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:154 Resp: 9658

Ion	Ratio	Lower	Upper
154	100		
153	47.1	21.1	61.1
76	9.5	0.0	28.0



Instrument :
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ClientSampleId :
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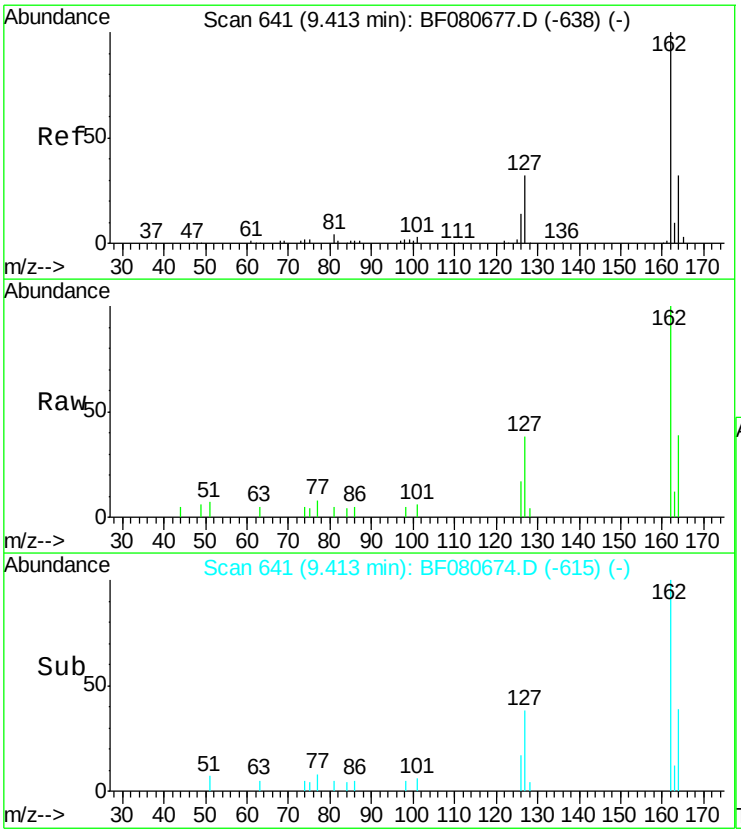
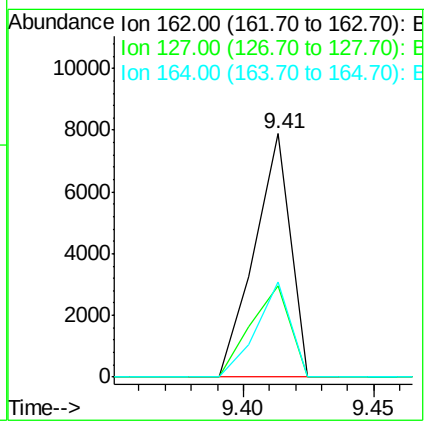
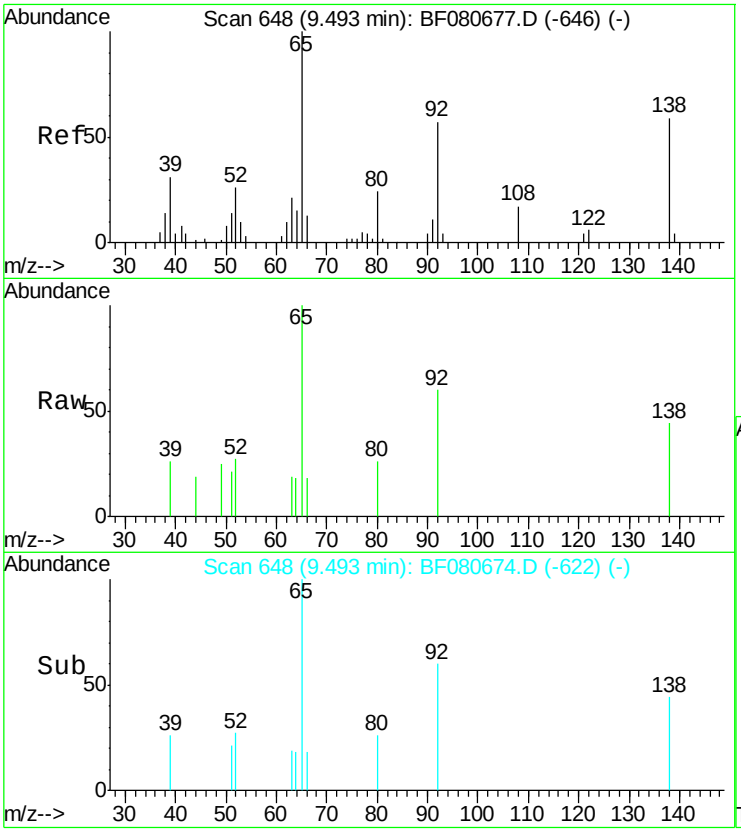


#46
2-Chloronaphthalene
Concen: 2.49 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:162 Resp: 7634

Ion	Ratio	Lower	Upper
162	100		
127	37.7	27.2	40.8
164	38.9	25.8	38.6#

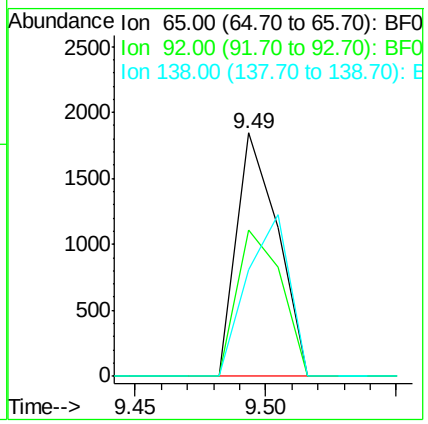




#47
2-Nitroaniline
Concen: 2.28 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 65 Resp: 2042

Ion	Ratio	Lower	Upper
65	100		
92	59.9	45.9	68.9
138	44.0	47.0	70.4#



Instrument :
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ClientSampleId :
SSTDICC2.5

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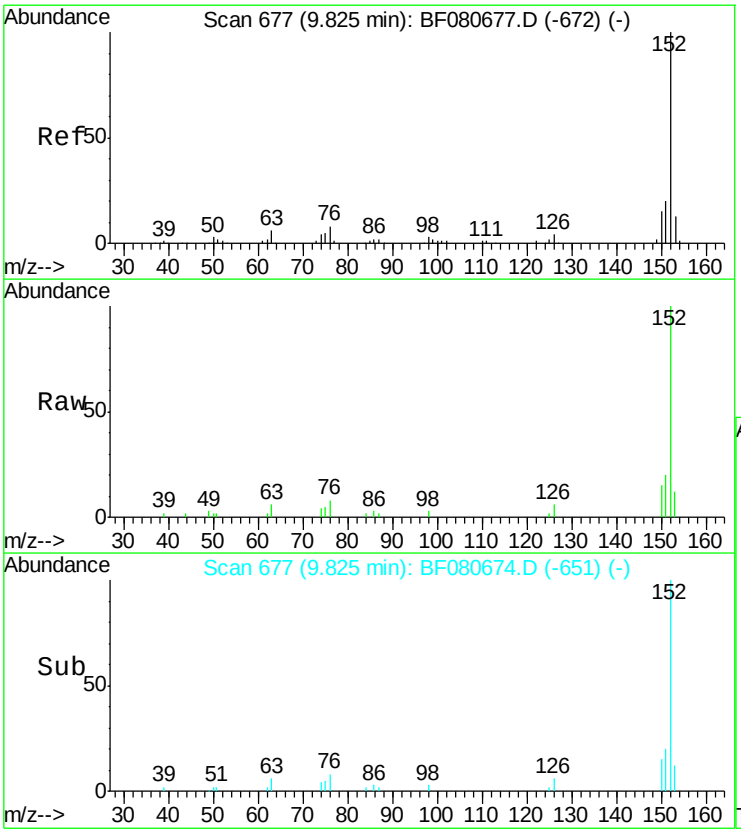
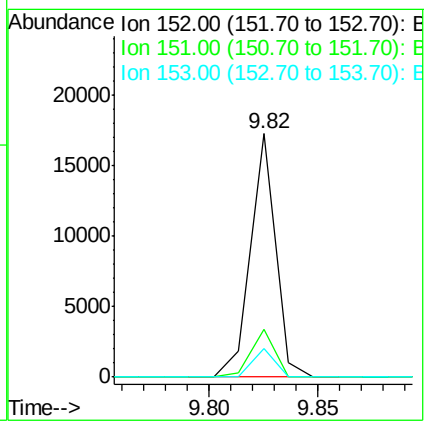
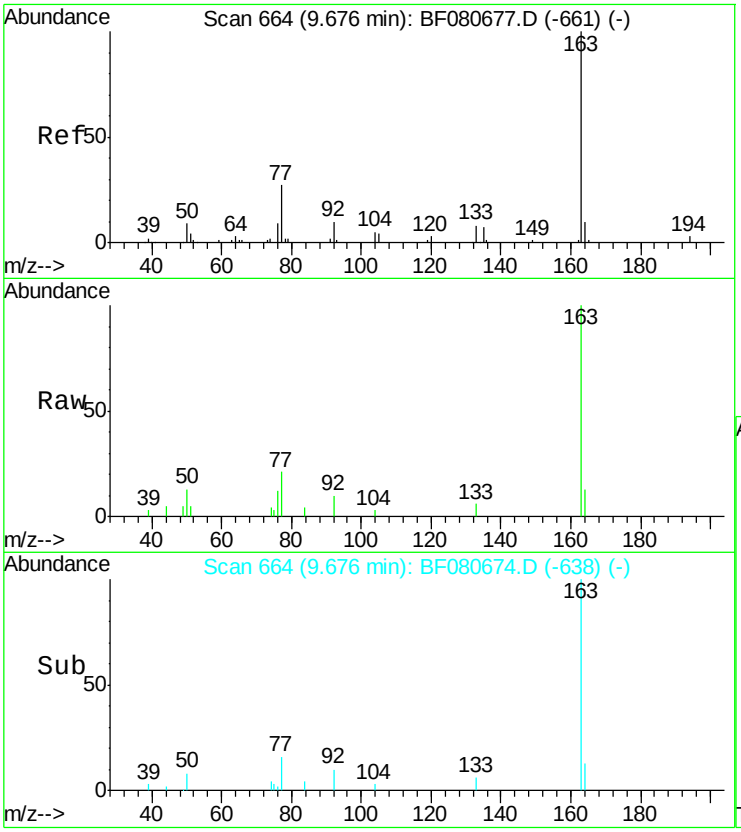


#48
Acenaphthylene
Concen: 2.71 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:152 Resp: 13824

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	11.9	10.2	15.4

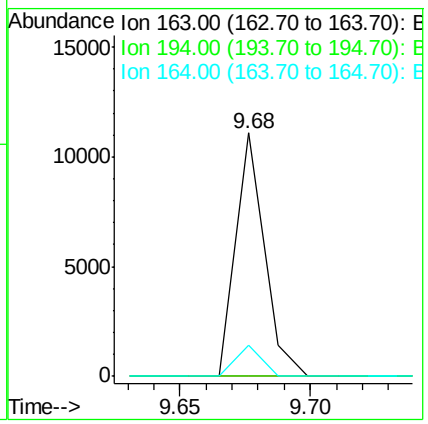




#49
Dimethylphthalate
Concen: 2.39 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:163 Resp: 8567

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.4	3.6#
164	12.8	8.1	12.1#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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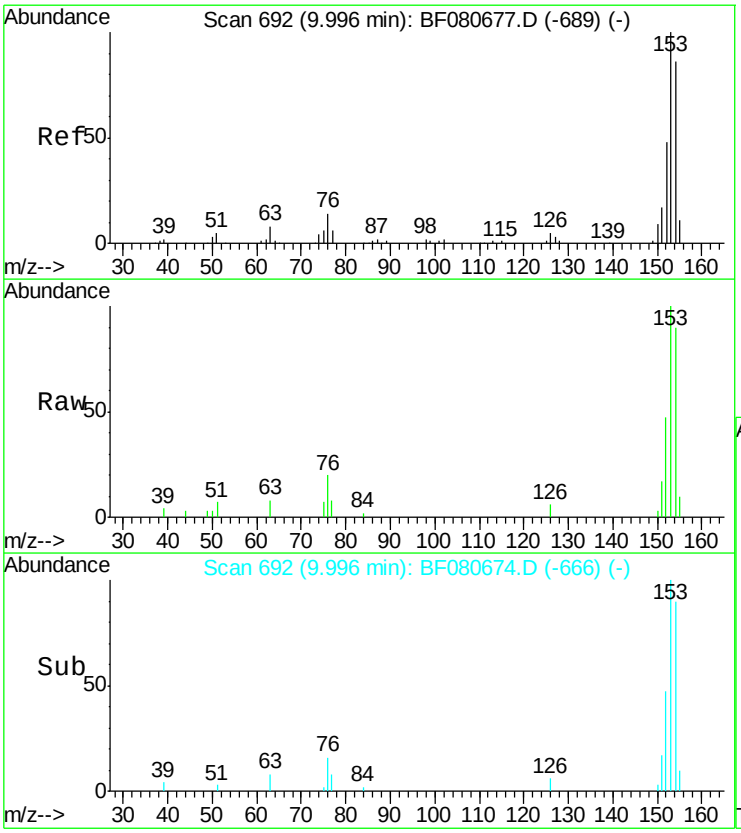
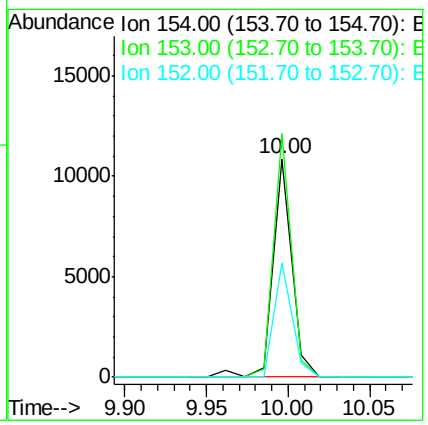
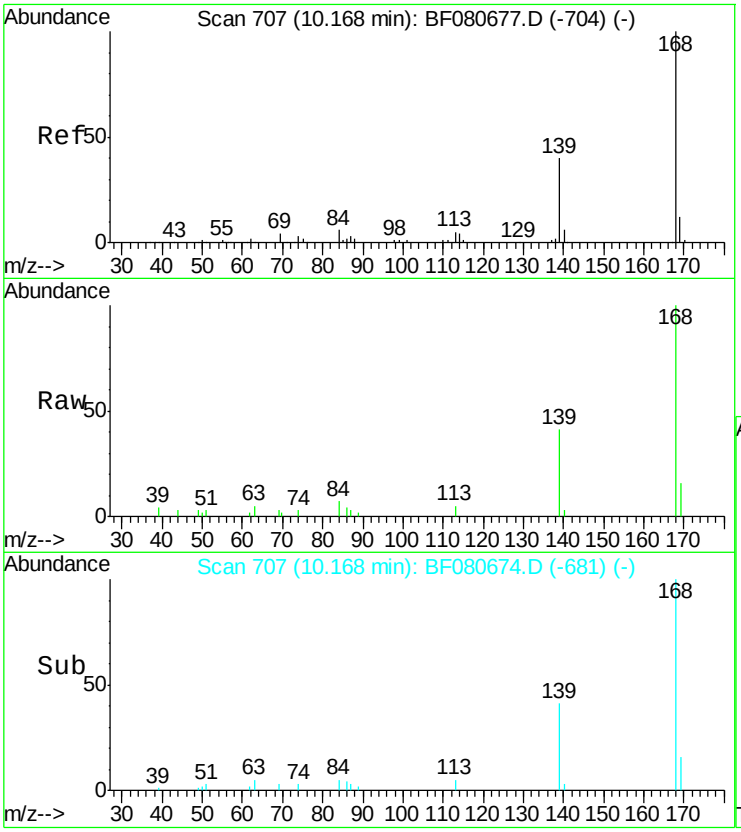


#51
Acenaphthene
Concen: 2.86 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:154 Resp: 8785

Ion	Ratio	Lower	Upper
154	100		
153	111.4	92.8	139.2
152	52.2	44.6	66.8

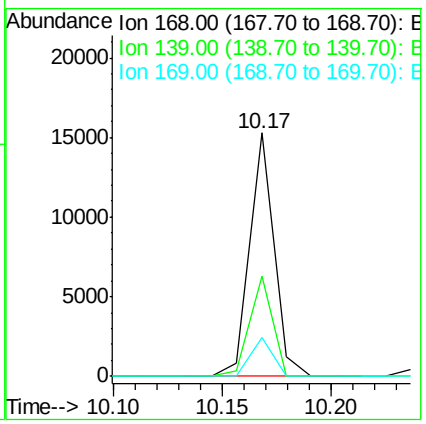




#54
Dibenzofuran
Concen: 2.71 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:168 Resp: 11854

Ion	Ratio	Lower	Upper
168	100		
139	41.3	31.8	47.8
169	15.9	9.8	14.6#



Instrument :
BNA_F
ClientSampleId :
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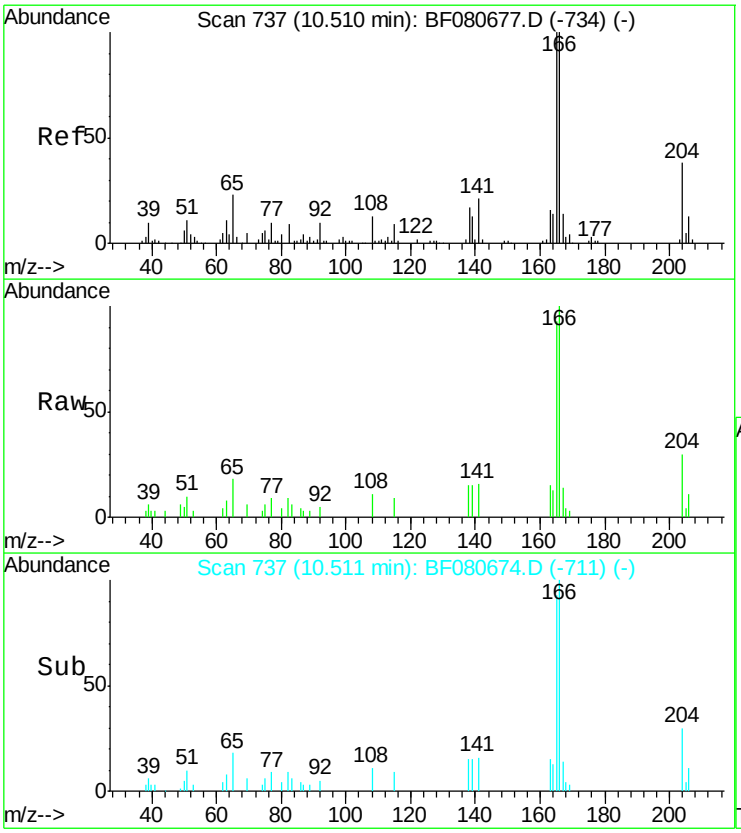
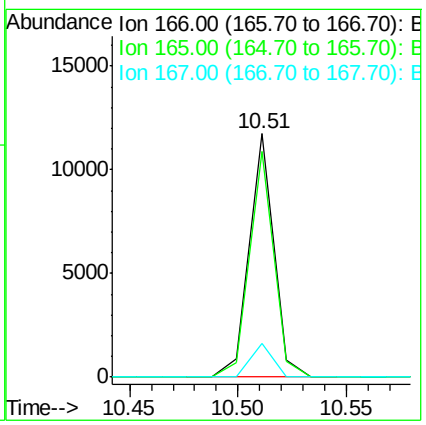
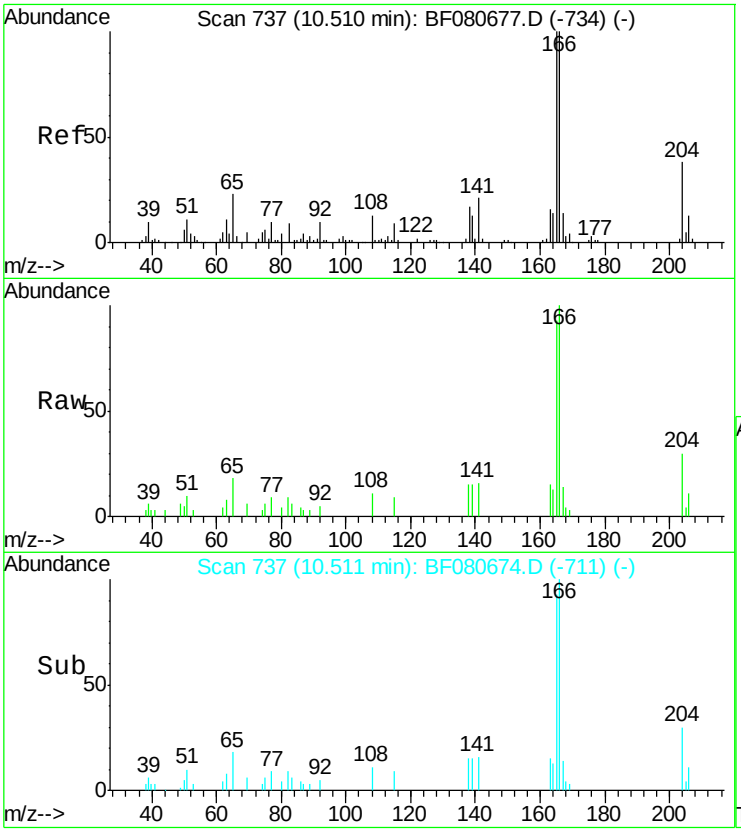


#57
Fluorene
Concen: 2.69 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:166 Resp: 9211

Ion	Ratio	Lower	Upper
166	100		
165	92.9	80.2	120.4
167	14.0	11.0	16.4

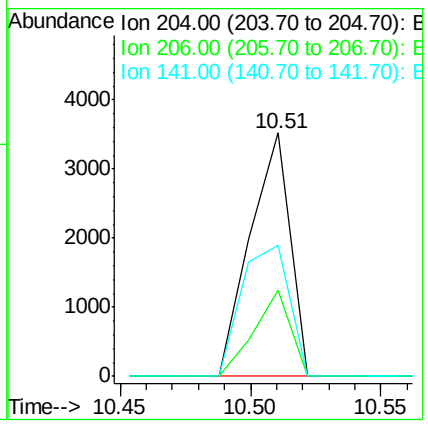




#60
4-Chlorophenyl-phenylether
Concen: 2.48 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:204 Resp: 3779

Ion	Ratio	Lower	Upper
204	100		
206	35.5	26.5	39.7
141	53.9	43.8	65.6



Instrument :
BNA_F
ClientSampleId :
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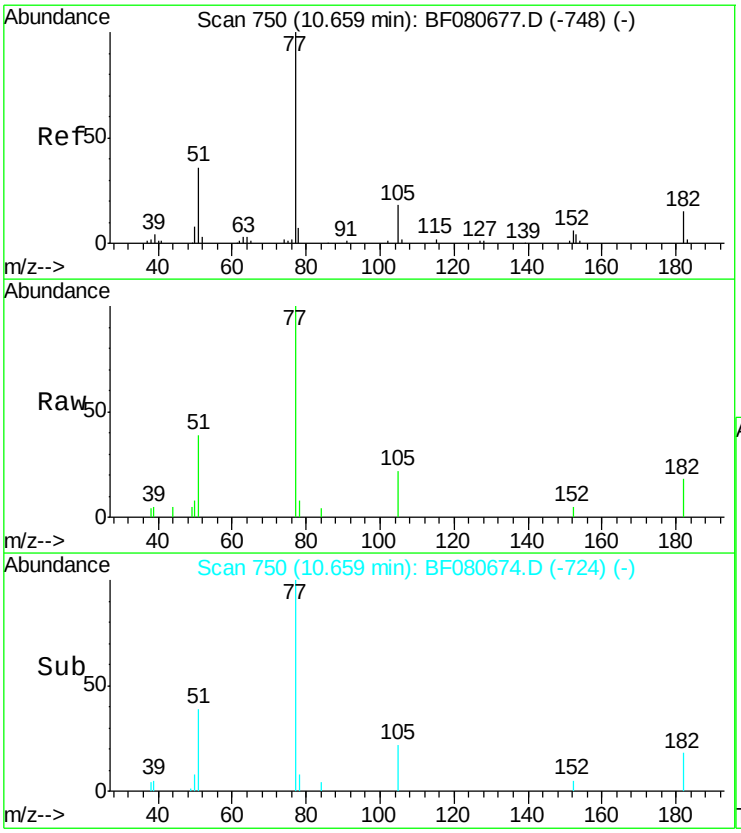
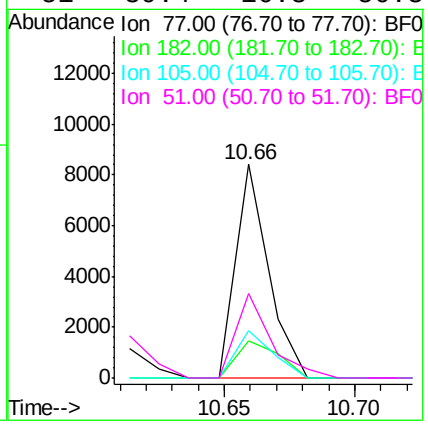
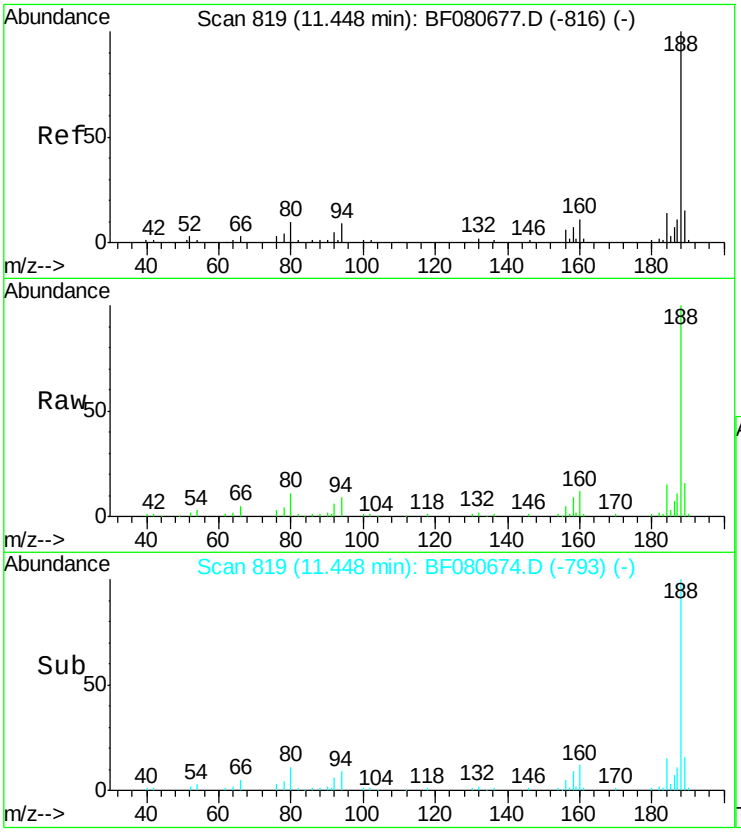


#62
Azobenzene
Concen: 2.18 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion: 77 Resp: 7359

Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.0	34.7
105	22.1	0.0	37.8
51	39.4	16.3	56.3

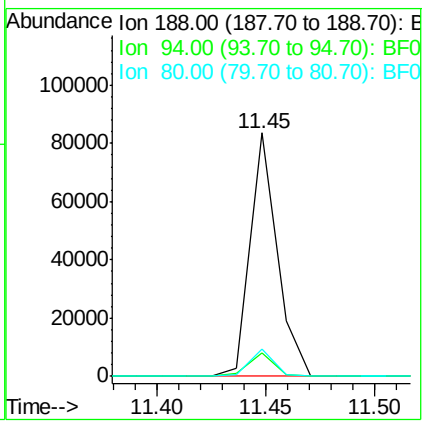




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:188 Resp: 72146

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	11.0	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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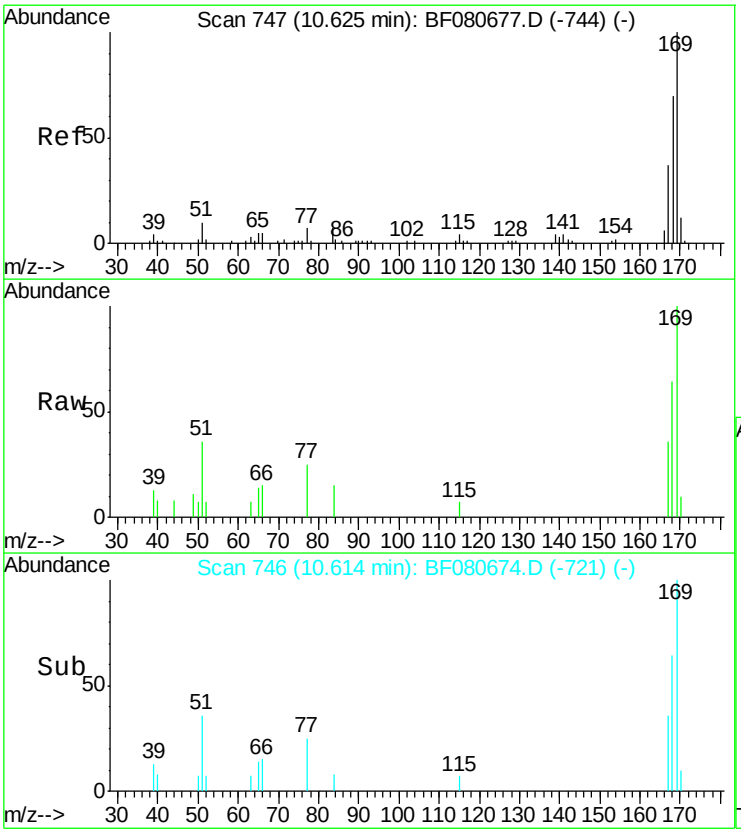
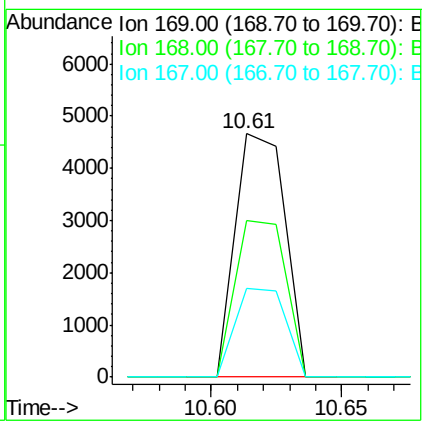
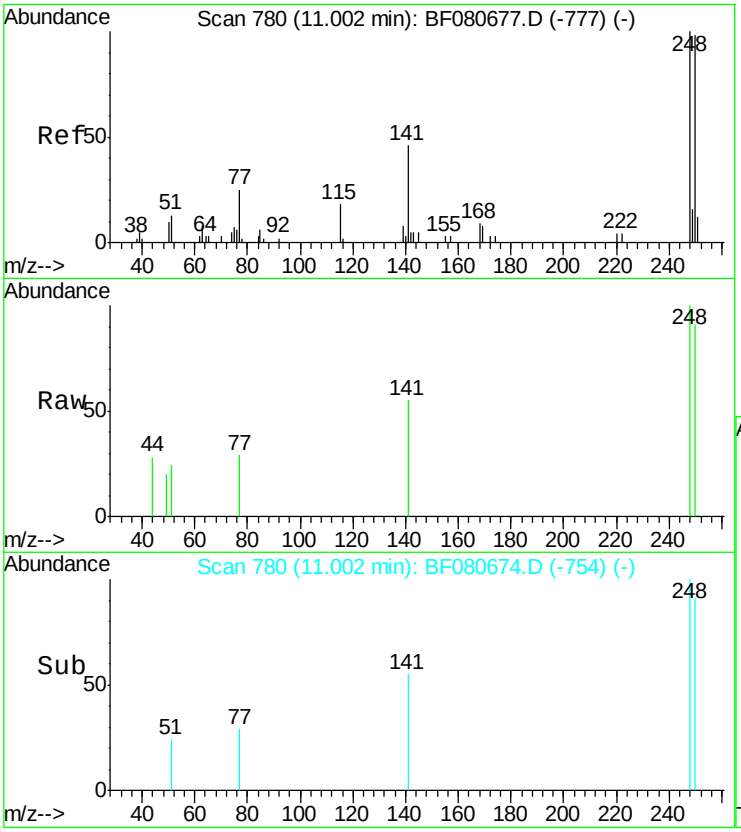


#65
n-Nitrosodiphenylamine
Concen: 2.79 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:169 Resp: 6226

Ion	Ratio	Lower	Upper
169	100		
168	64.4	56.2	84.2
167	36.4	29.3	43.9

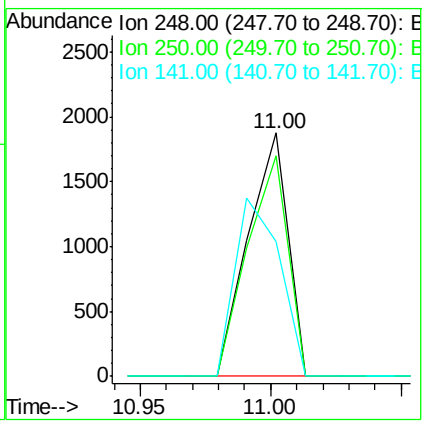




#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:248 Resp: 2009

Ion	Ratio	Lower	Upper
248	100		
250	90.7	78.5	117.7
141	55.3	36.8	55.2#



Instrument :
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ClientSampleId :
SSTDICC2.5

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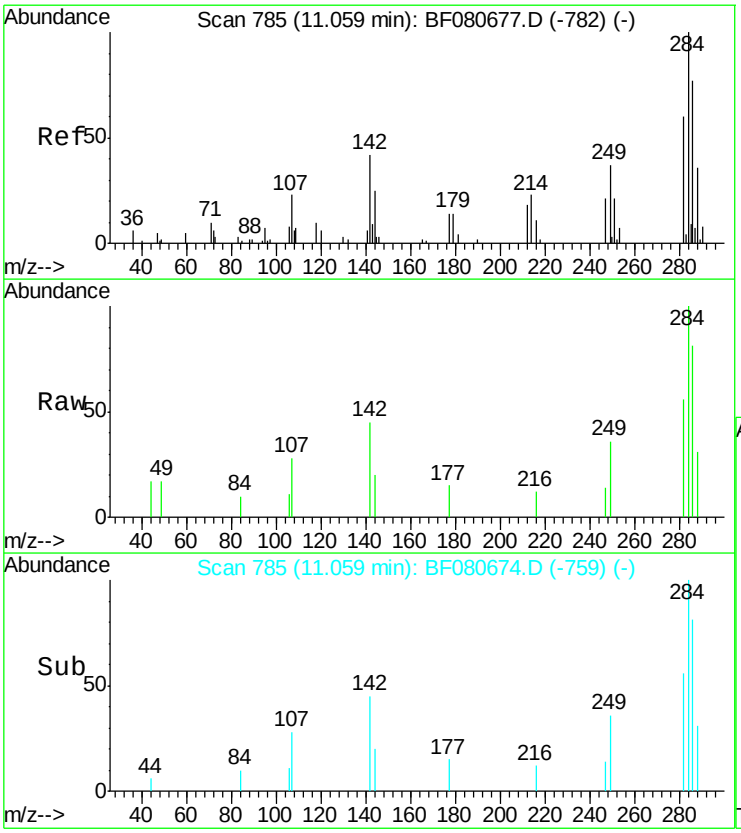
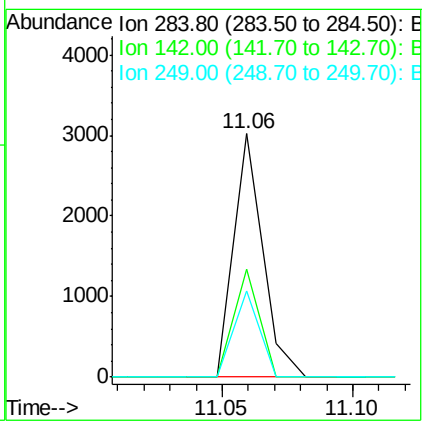
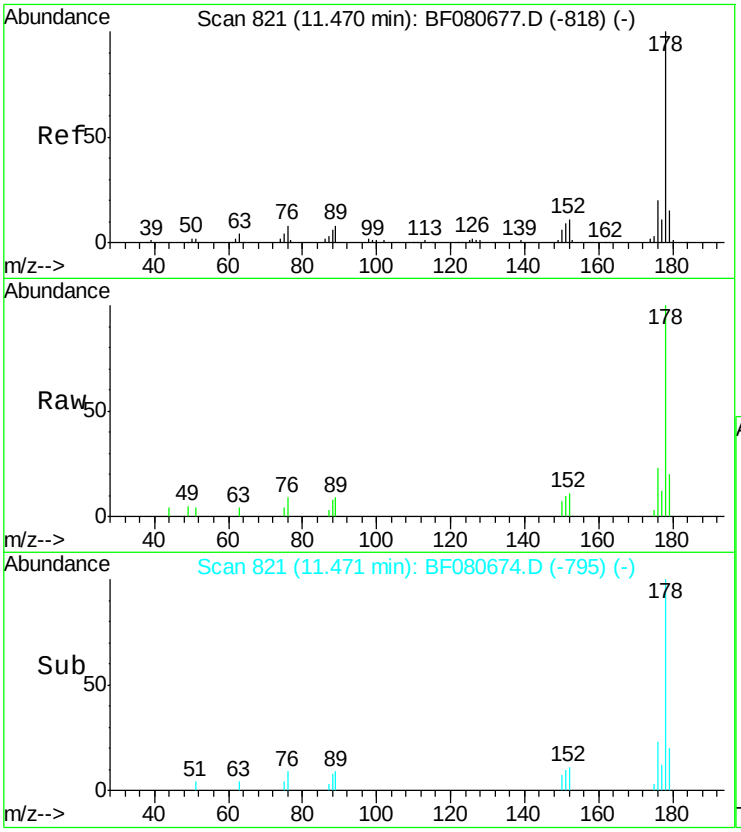


#67
Hexachlorobenzene
Concen: 2.86 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:284 Resp: 2354

Ion	Ratio	Lower	Upper
284	100		
142	44.5	34.0	51.0
249	35.6	29.4	44.0

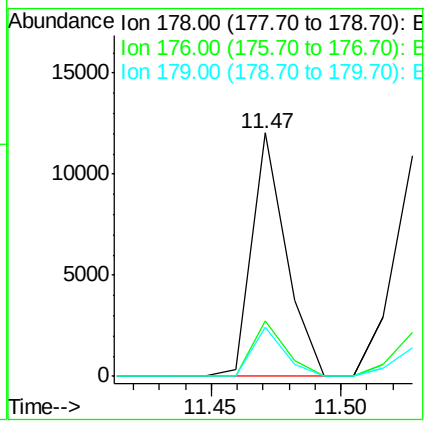




#70
Phenanthrene
Concen: 2.78 ng m
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:178 Resp: 11056

Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.6	23.4
179	20.0	12.3	18.5#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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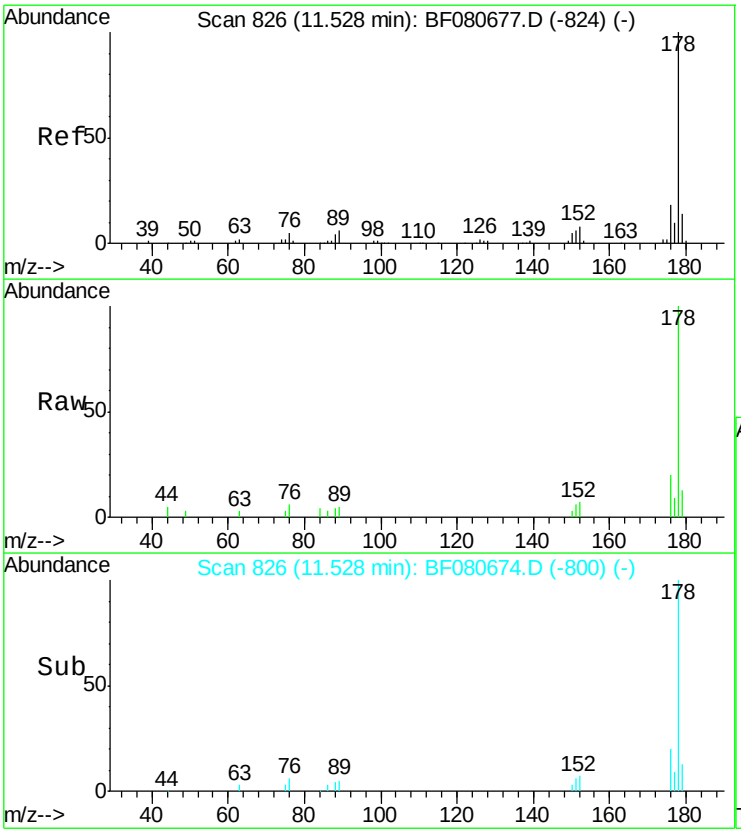
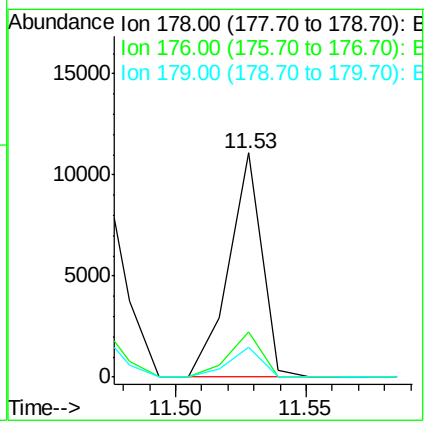
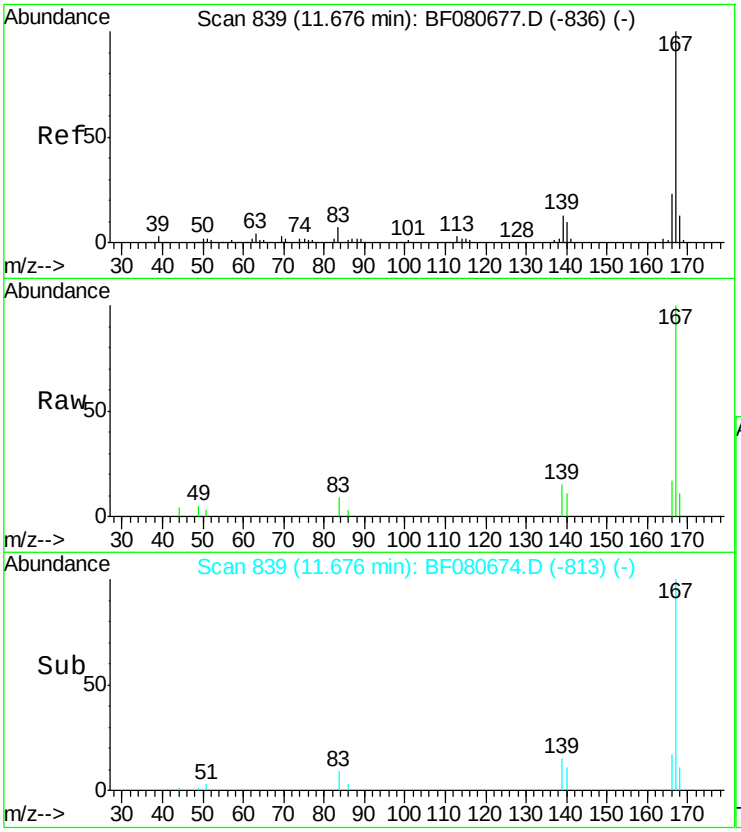


#71
Anthracene
Concen: 2.57 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:178 Resp: 9840

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.3	21.5
179	13.2	10.8	16.2

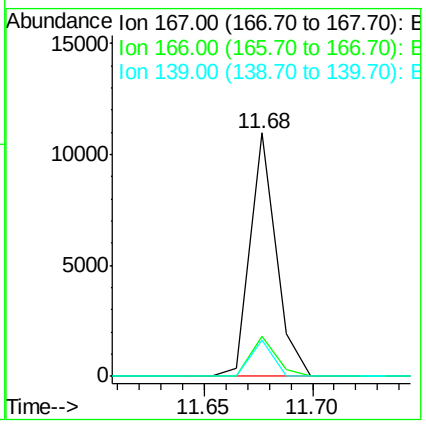




#72
Carbazole
Concen: 2.67 ng
RT: 11.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:167 Resp: 9082

Ion	Ratio	Lower	Upper
167	100		
166	16.5	18.1	27.1#
139	15.0	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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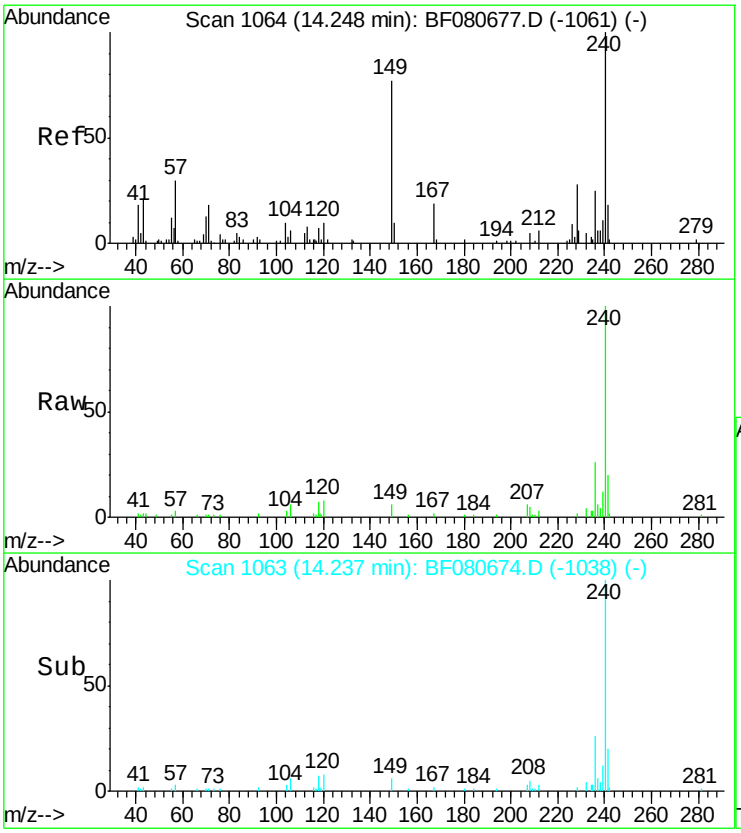
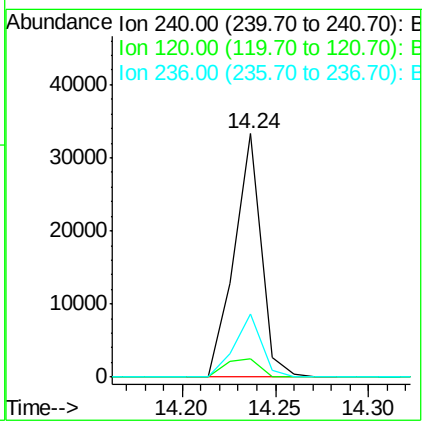
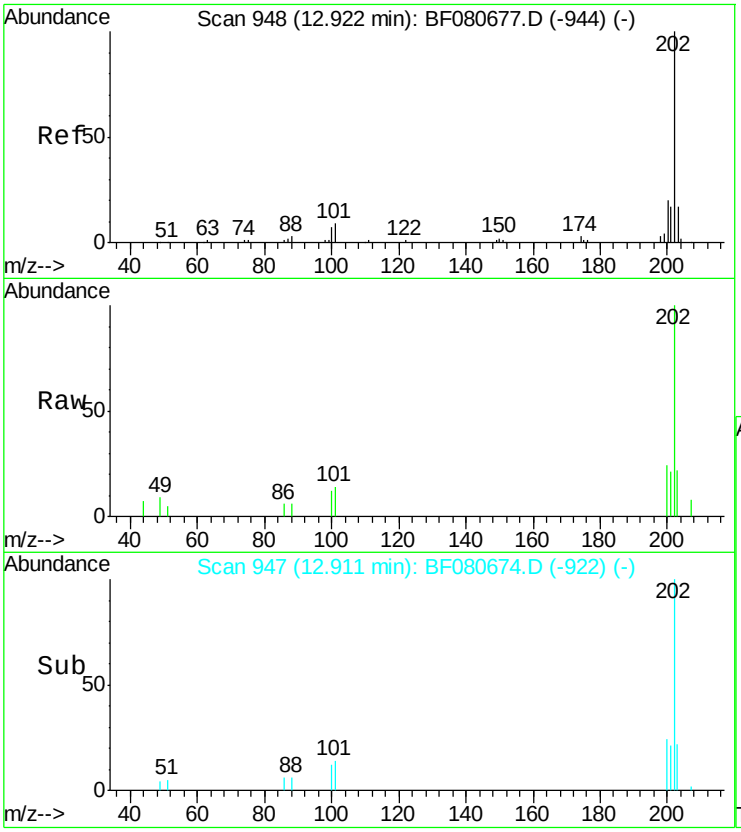


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.24 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:240 Resp: 33797

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.0	12.0#
236	26.0	20.0	30.0

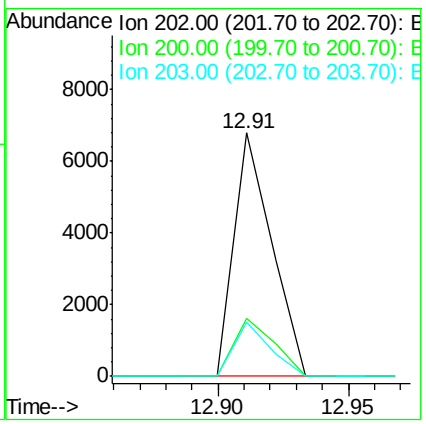




#77
Pyrene
Concen: 3.11 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:202 Resp: 6872

Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.3	24.5
203	22.2	13.4	20.2#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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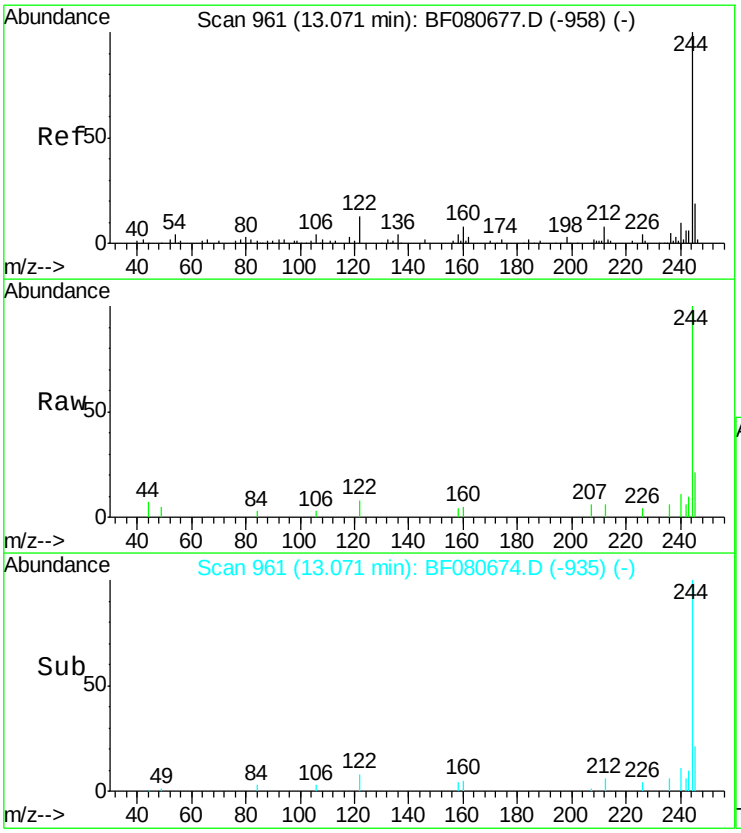
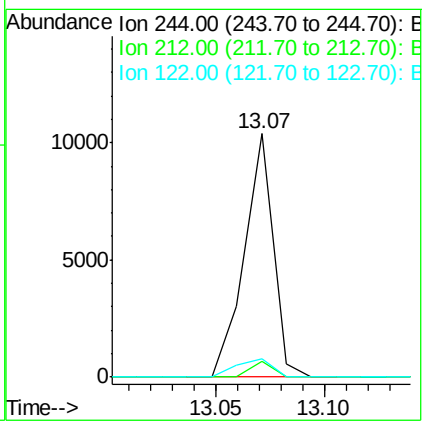
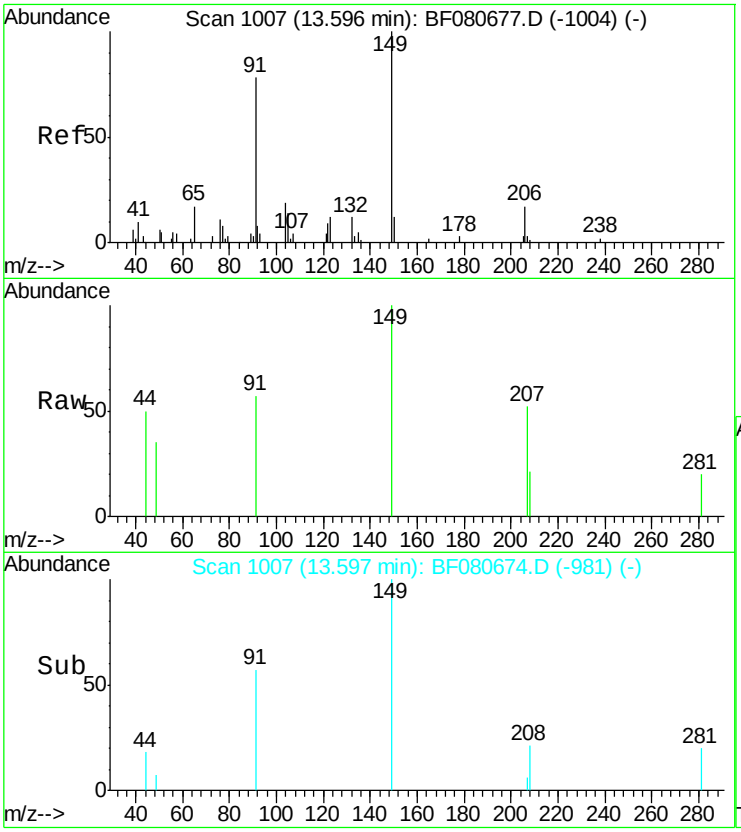


#78
Terphenyl-d14
Concen: 5.95 ng
RT: 13.07 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:244 Resp: 9562

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.1	9.1
122	7.6	10.2	15.2#





#79
Butylbenzylphthalate
Concen: 2.18 ng
RT: 13.60 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:149 Resp: 1922

Ion	Ratio	Lower	Upper
149	100		
91	57.0	62.6	93.8#
206	0.0	13.3	19.9#

Instrument :
BNA_F
ClientSampleId :
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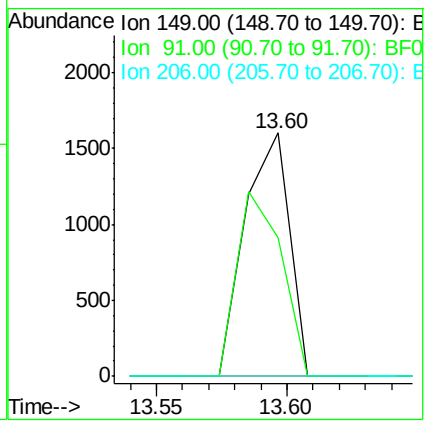
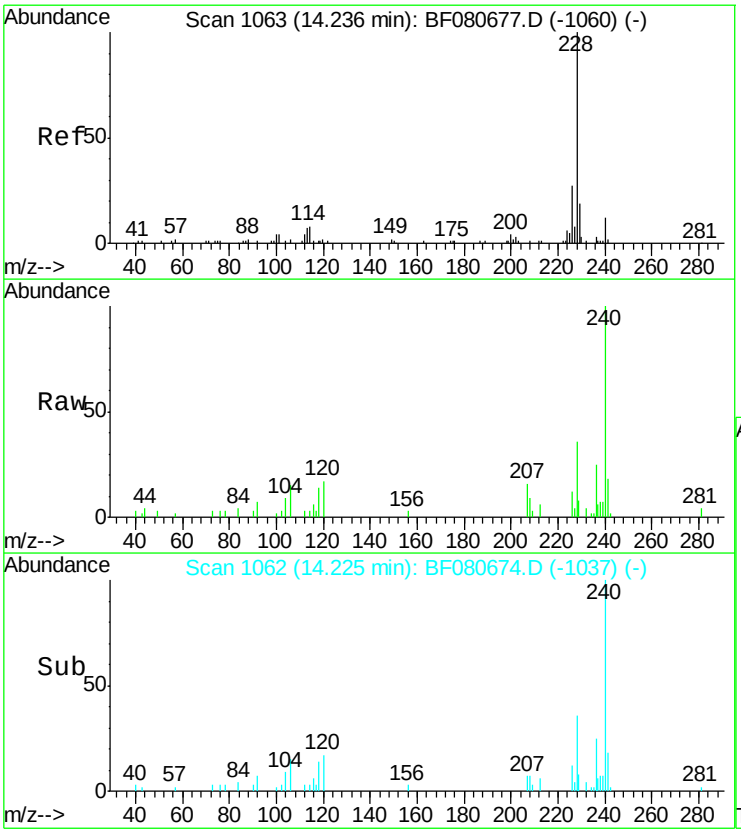
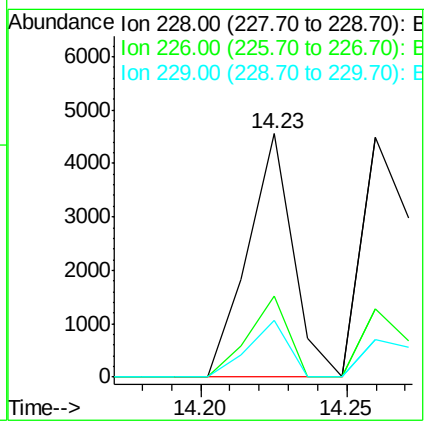


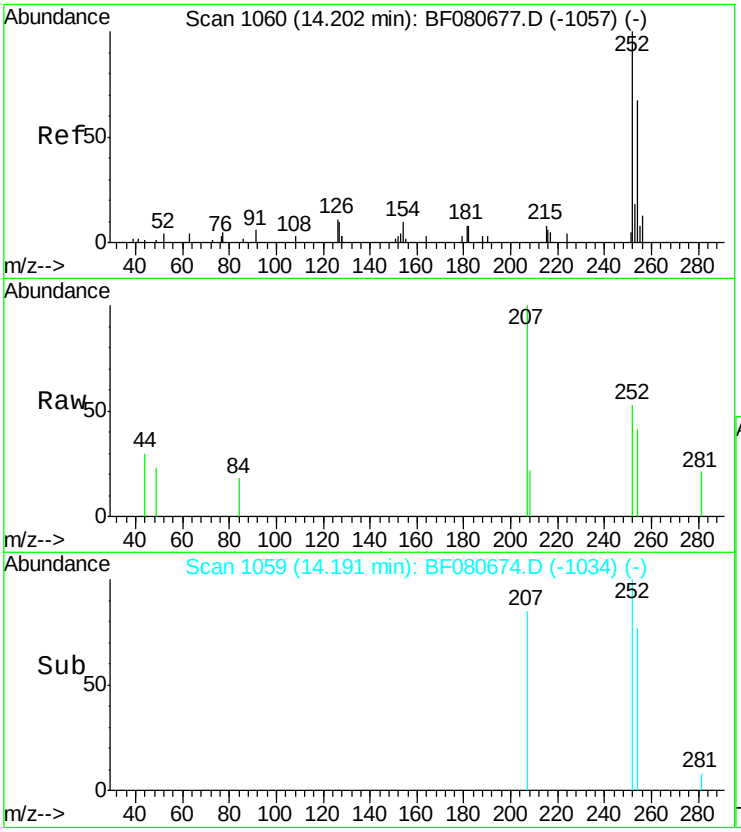


#80
Benzo(a)anthracene
Concen: 2.49 ng m
RT: 14.23 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:228 Resp: 4875

Ion	Ratio	Lower	Upper
228	100		
226	33.2	21.8	32.6#
229	23.2	14.9	22.3#

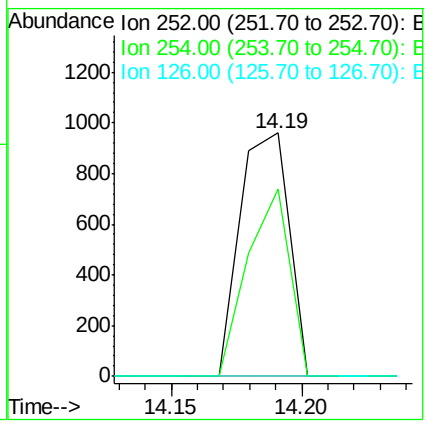




#81
3,3'-Dichlorobenzidine
Concen: 2.05 ng
RT: 14.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:252 Resp: 1268

Ion	Ratio	Lower	Upper
252	100		
254	76.9	53.8	80.8
126	0.0	9.0	13.4#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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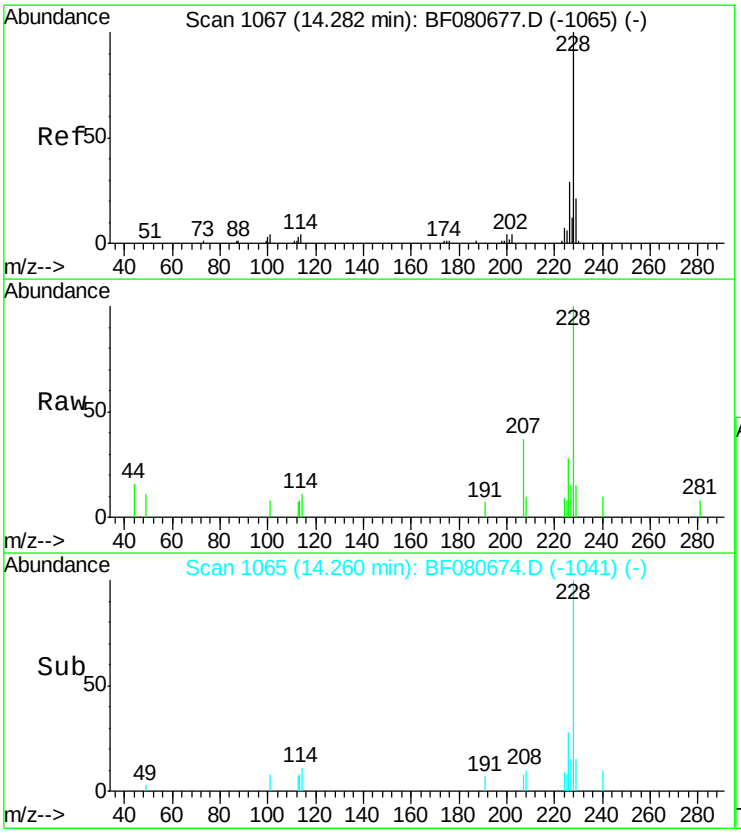
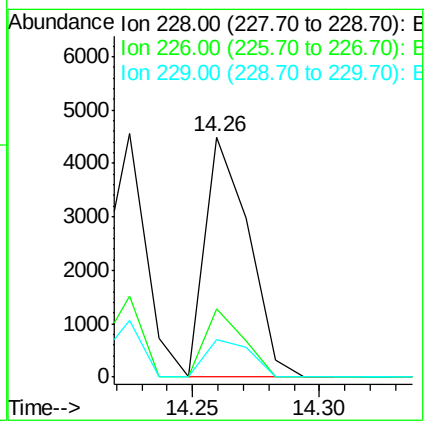
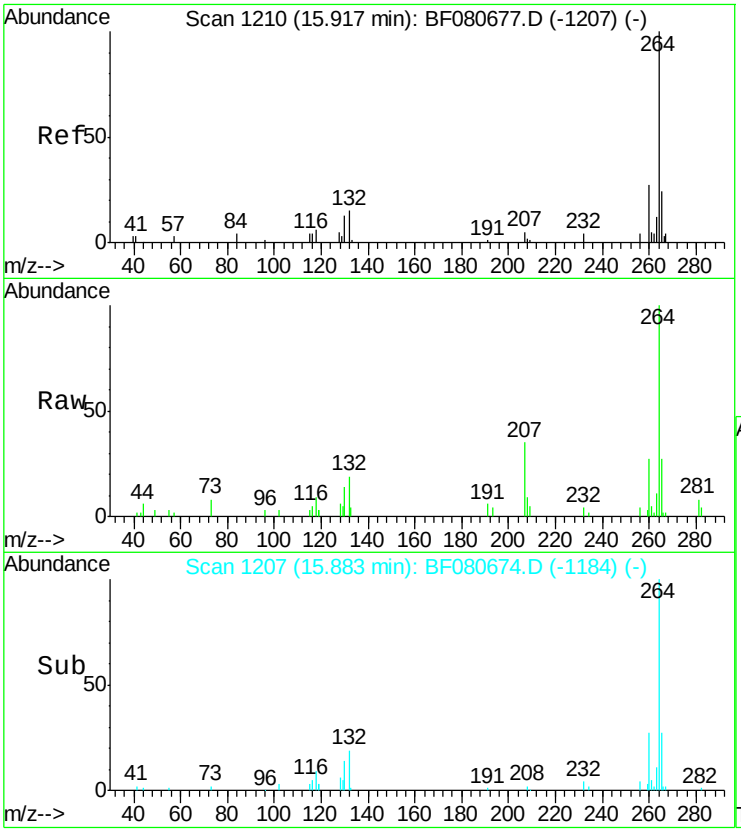


#82
Chrysene
Concen: 2.90 ng m
RT: 14.26 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:228 Resp: 5346

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	15.5	17.1	25.7#

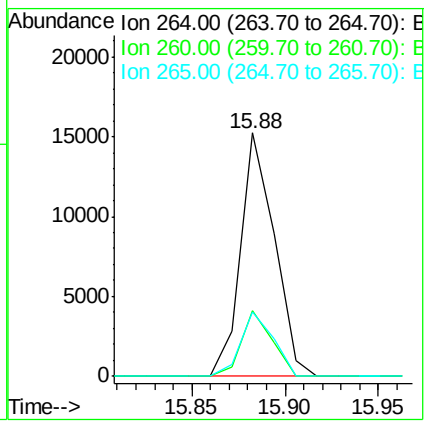




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.88 min Scan# 1207
Delta R.T. -0.03 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:264 Resp: 19175

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.6	32.4
265	26.5	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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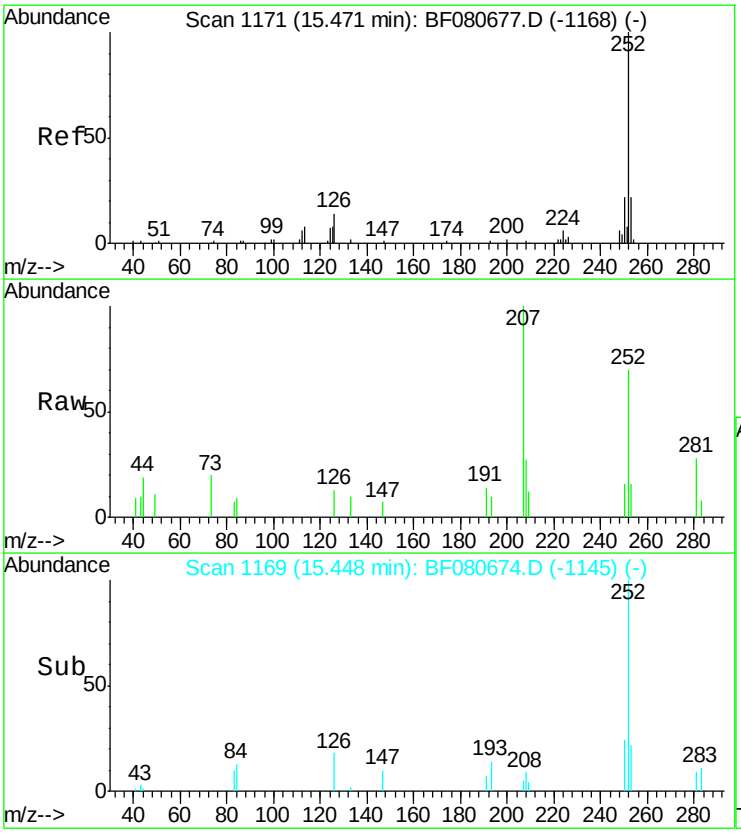
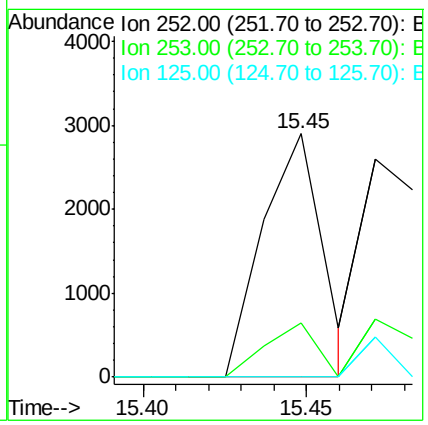
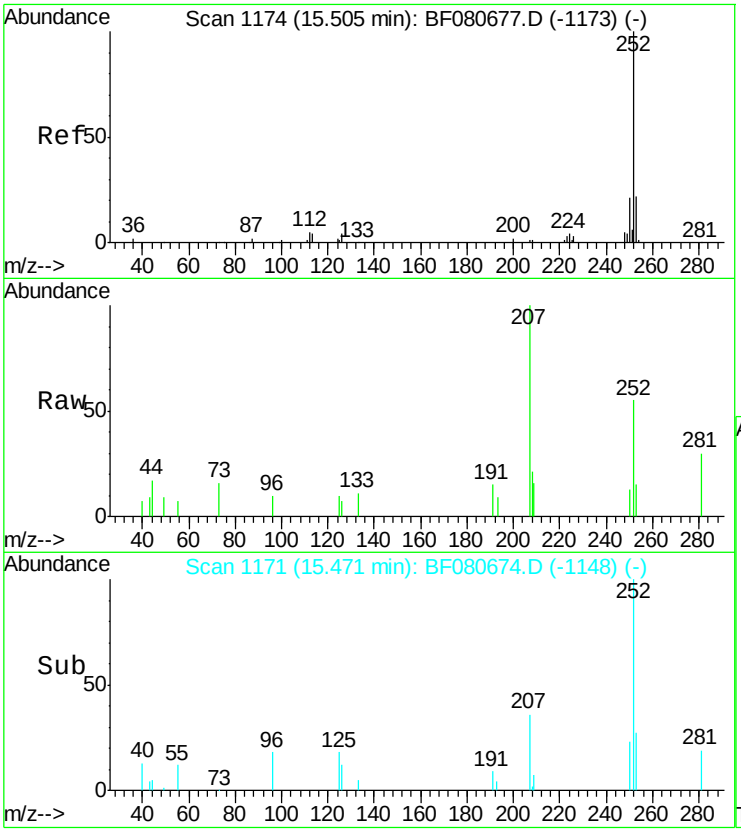


#87
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:252 Resp: 3678

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	0.0	6.7	10.1#





#88
Benzo(k)fluoranthene
Concen: 3.43 ng m
RT: 15.47 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:252 Resp: 3547

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.6#
125	18.4	6.7	10.1#

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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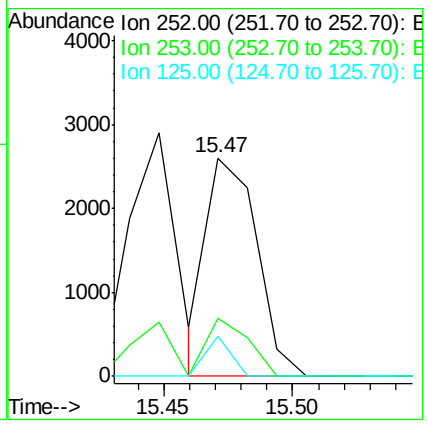

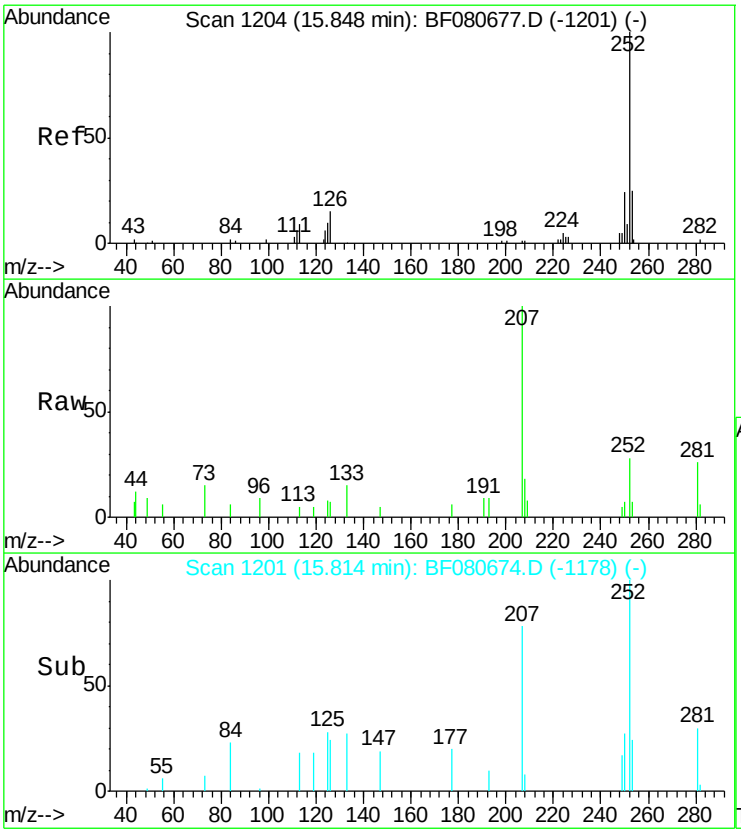

#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 15.81 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF080674.D
Acq: 27 Jul 2015 16:12

Tgt Ion:252 Resp: 2292

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.2	30.2
125	27.9	8.4	12.6#