Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085160.D
Acq On : 3 Mar 2016 17:01
Operator : SJ/UM
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:25 PM

Quant Time: Mar 04 00:26:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:11:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	202895	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	788320	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	374699	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	697705	20.00	ng		0.00
75) Chrysene-d12	14.15	240	476574	20.00	ng		0.00
86) Perylene-d12	15.61	264	381627	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1077701	86.77	ng		0.00
7) Phenol-d6	6.61	99	1476996	90.80	ng		0.00
23) Nitrobenzene-d5	7.54	82	1442885	97.73	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	332885	90.93	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2251539	89.10	ng		0.00
78) Terphenyl-d14	13.09	244	1856611	90.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	292917	47.57	ng		99
3) Pyridine	3.44	79	783314	50.10	ng		98
4) n-Nitrosodimethylamine	3.40	42	327553	45.98	ng		99
6) Aniline	6.64	93	1074360	46.55	ng		100
8) 2-Chlorophenol	6.77	128	711654	49.38	ng		98
9) Benzaldehyde	6.53	77	349640	41.32	ng		100
10) Phenol	6.62	94	840179m	46.53	ng		
11) bis(2-Chloroethyl)ether	6.72	93	689295	47.75	ng		95
12) 1,3-Dichlorobenzene	6.93	146	748542	48.49	ng		99
13) 1,4-Dichlorobenzene	7.00	146	696057	44.36	ng		99
14) 1,2-Dichlorobenzene	7.16	146	709941	50.75	ng		100
15) Benzyl Alcohol	7.12	79	560185	47.03	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.26	45	942068	44.40	ng		99
17) 2-Methylphenol	7.22	107	591822	49.18	ng		95
18) Hexachloroethane	7.50	117	288655	49.52	ng		100
19) n-Nitroso-di-n-propylamine	7.40	70	496267	46.61	ng	#	86
20) 3+4-Methylphenols	7.38	107	623552	43.45	ng		99
22) Acetophenone	7.40	105	973123	48.99	ng		99
24) Nitrobenzene	7.57	77	780945	50.55	ng		99
25) Isophorone	7.81	82	1392056	49.30	ng		100
26) 2-Nitrophenol	7.88	139	365947	52.95	ng	#	64
27) 2,4-Dimethylphenol	7.92	122	685268	51.33	ng		100
28) bis(2-Chloroethoxy)methane	8.01	93	761007	48.59	ng		100
29) 2,4-Dichlorophenol	8.12	162	537993	49.23	ng		87
30) 1,2,4-Trichlorobenzene	8.21	180	574891	48.06	ng		99
31) Naphthalene	8.29	128	1767214	44.56	ng		100
32) Benzoic acid	8.05	122	484803	73.66	ng		99
33) 4-Chloroaniline	8.33	127	739488	46.94	ng		100
34) Hexachlorobutadiene	8.41	225	301966	44.50	ng		99
35) Caprolactam	8.72	113	181406	52.58	ng		97
36) 4-Chloro-3-methylphenol	8.81	107	616137	50.88	ng		99
37) 2-Methylnaphthalene	8.98	142	1256269	51.29	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	488519	42.96	ng		100
40) Hexachlorocyclopentadiene	9.13	237	288282	45.01	ng		99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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3/4/2016 4:28:25 PM

Quant Time: Mar 04 00:26:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:11:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	396124	51.25	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	392509	53.03	ng	98
45) 1,1'-Biphenyl	9.44	154	1405988	43.12	ng	99
46) 2-Chloronaphthalene	9.48	162	1178426	48.96	ng	99
47) 2-Nitroaniline	9.56	65	369279	49.08	ng	100
48) Acenaphthylene	9.89	152	1835988	50.60	ng	99
49) Dimethylphthalate	9.75	163	1428652	51.31	ng	99
50) 2,6-Dinitrotoluene	9.81	165	326833	56.57	ng	96
51) Acenaphthene	10.06	154	1093703	48.19	ng	100
52) 3-Nitroaniline	9.98	138	387833	56.74	ng	96
53) 2,4-Dinitrophenol	10.07	184	134277	70.76	ng	85
54) Dibenzofuran	10.23	168	1476716	49.98	ng	99
55) 4-Nitrophenol	10.13	139	316177	59.70	ng	96
56) 2,4-Dinitrotoluene	10.21	165	409498	52.69	ng	100
57) Fluorene	10.57	166	1180745	50.69	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	279953	50.65	ng	99
59) Diethylphthalate	10.45	149	1373517	51.80	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	540571	45.43	ng	99
61) 4-Nitroaniline	10.58	138	336816	53.01	ng	99
62) Azobenzene	10.72	77	1388361	51.67	ng	100
64) 4,6-Dinitro-2-methylphenol	10.62	198	231281	65.36	ng	94
65) n-Nitrosodiphenylamine	10.68	169	1027094	47.20	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	349219	47.69	ng	98
67) Hexachlorobenzene	11.12	284	366729	45.05	ng	100
68) Atrazine	11.20	200	259428	39.56	ng	99
69) Pentachlorophenol	11.31	266	207462	43.96	ng	99
70) Phenanthrene	11.53	178	1700808	48.54	ng	99
71) Anthracene	11.59	178	1806837	46.57	ng	100
72) Carbazole	11.74	167	1701705	50.16	ng	100
73) Di-n-butylphthalate	12.06	149	1996370	49.62	ng	100
74) Fluoranthene	12.72	202	1805597	47.62	ng	99
76) Benzidine	12.84	184	774200	51.40	ng	99
77) Pyrene	12.95	202	1815579	53.49	ng	100
79) Butylbenzylphthalate	13.56	149	827344	57.80	ng	99
80) Benzo(a)anthracene	14.14	228	1420531	50.68	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	456575	51.99	ng	99
82) Chrysene	14.17	228	1386546	53.17	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1050551	62.62	ng	100
84) Di-n-octyl phthalate	14.73	149	1805718	70.89	ng	100
85) Indeno(1,2,3-cd)pyrene	17.09	276	1041299	47.39	ng	100
87) Benzo(b)fluoranthene	15.18	252	1308041	55.16	ng	98
88) Benzo(k)fluoranthene	15.21	252	907945m	45.87	ng	
89) Benzo(a)pyrene	15.56	252	1038761	52.47	ng	99
90) Dibenzo(a,h)anthracene	17.11	278	861925	48.43	ng	99
91) Benzo(g,h,i)perylene	17.55	276	860496	47.50	ng	98

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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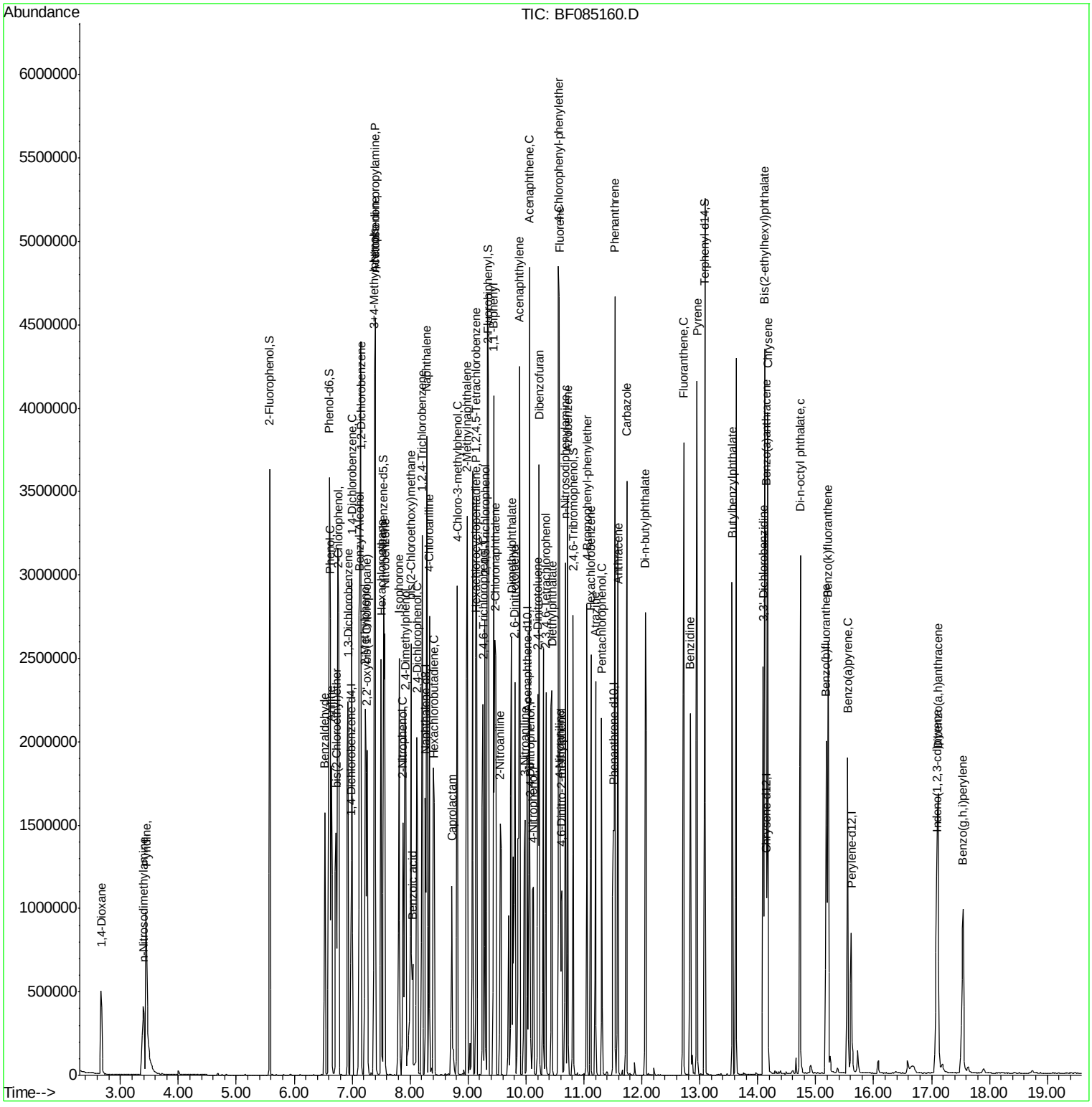
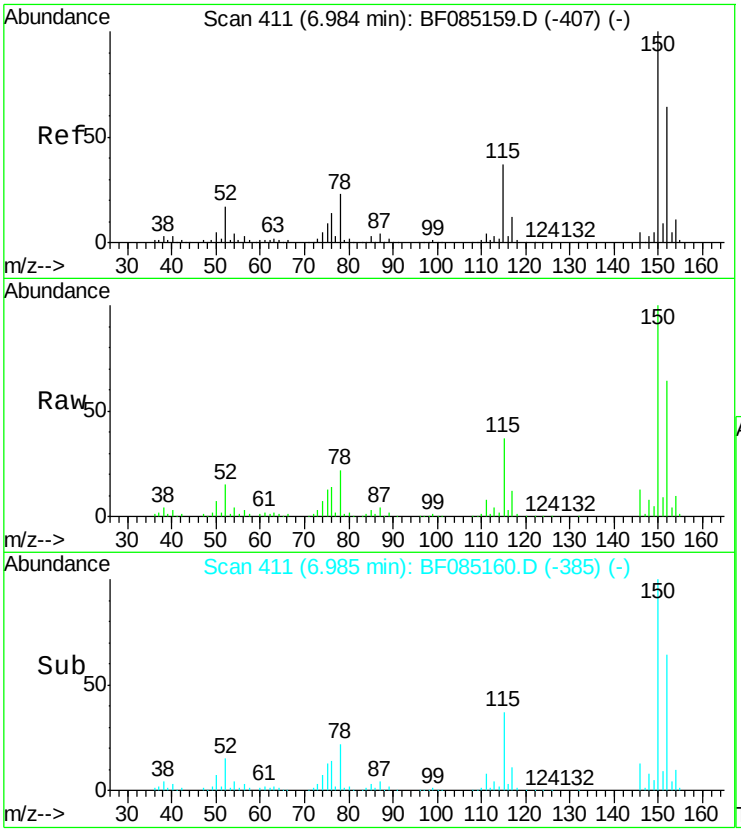
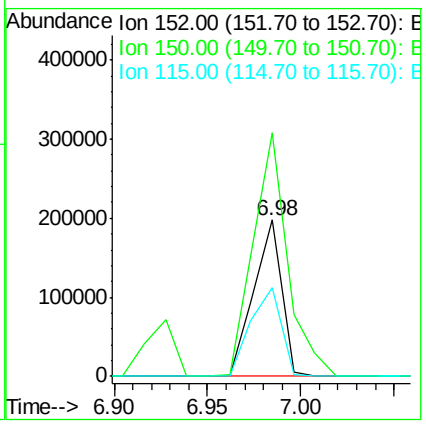




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:152 Resp: 202895

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.2	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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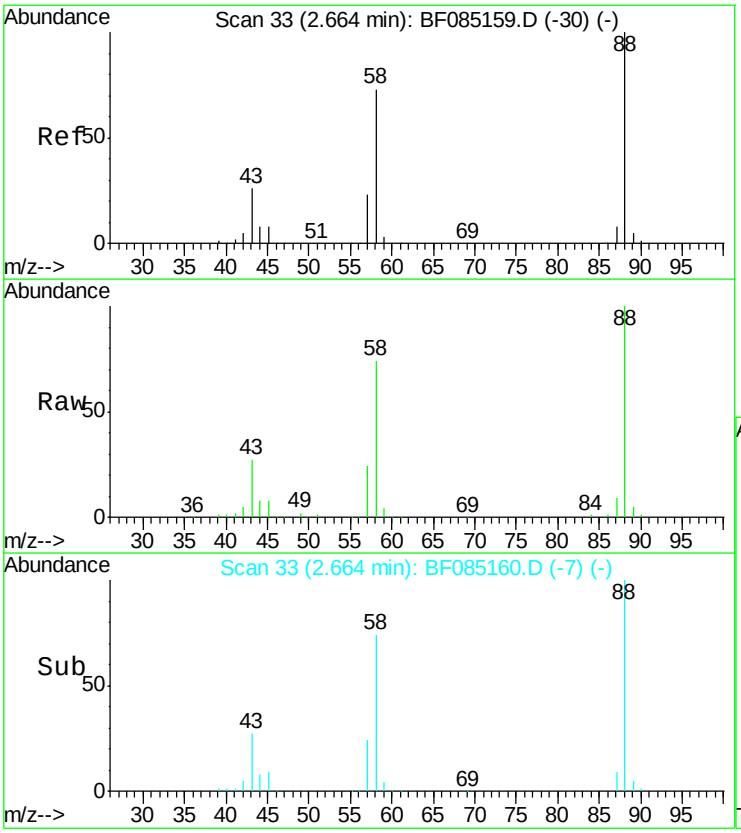
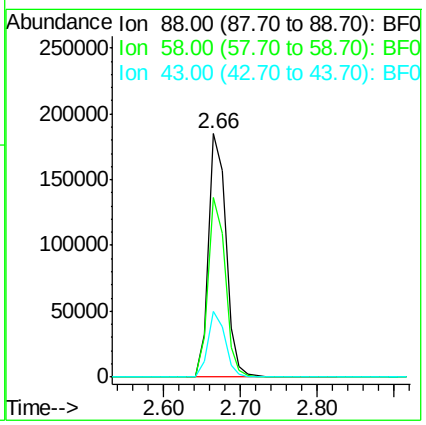
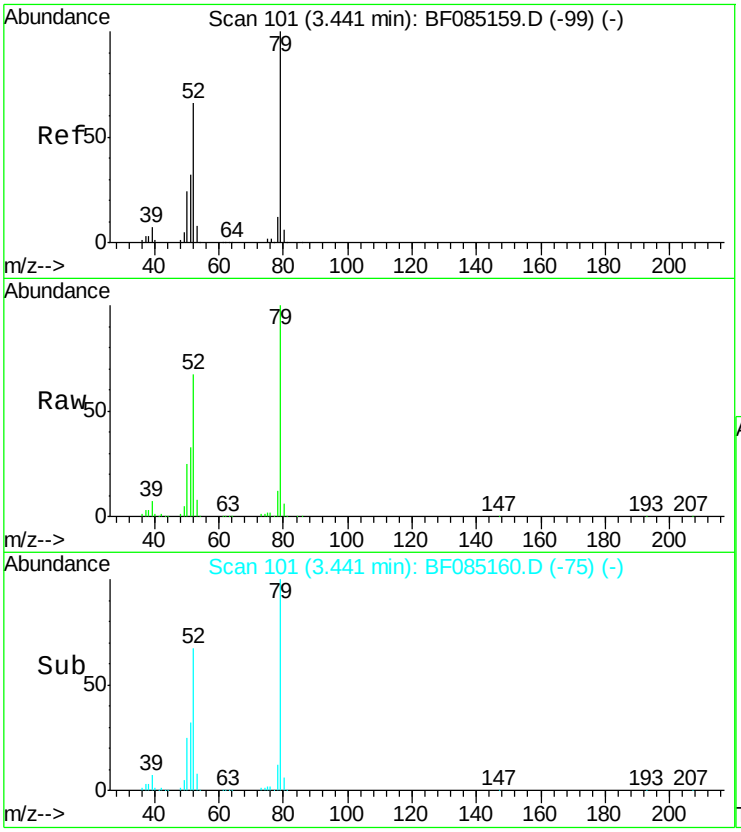


#2
1,4-Dioxane
Concen: 47.57 ng
RT: 2.66 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 88 Resp: 292917

Ion	Ratio	Lower	Upper
88	100		
58	71.8	57.0	85.6
43	26.3	20.5	30.7

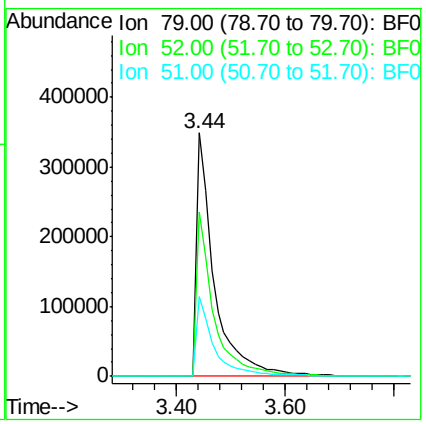




#3
Pyridine
Concen: 50.10 ng
RT: 3.44 min Scan# 101
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 79 Resp: 783314

Ion	Ratio	Lower	Upper
79	100		
52	67.5	52.6	79.0
51	32.5	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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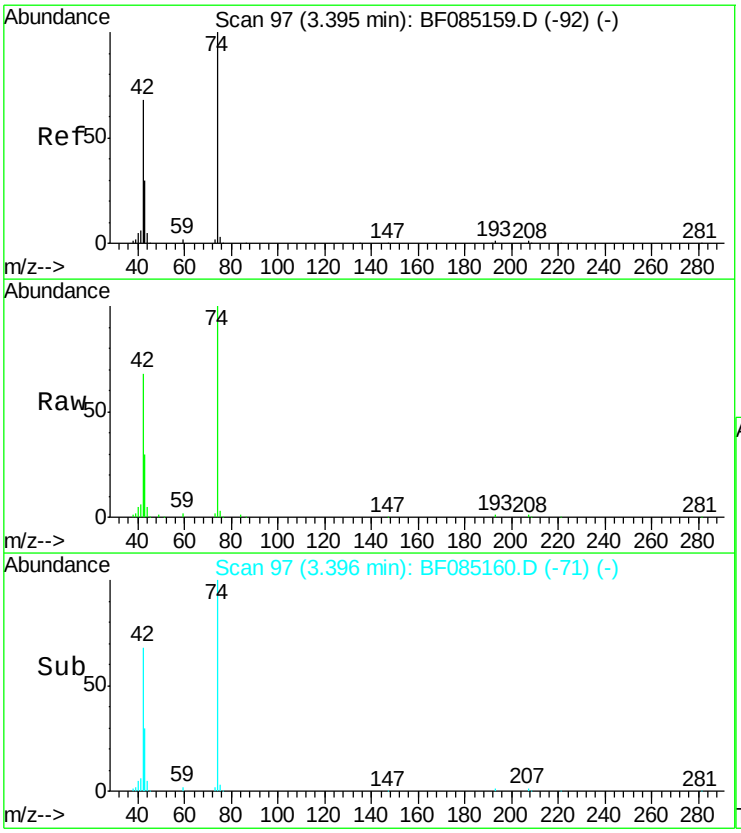
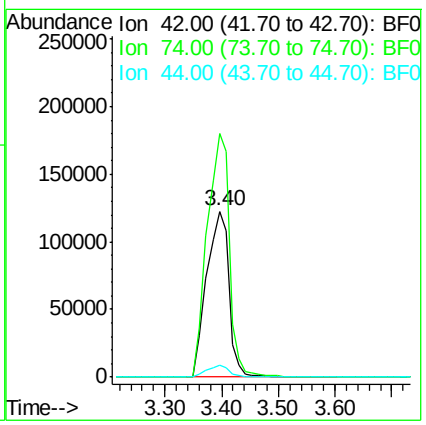
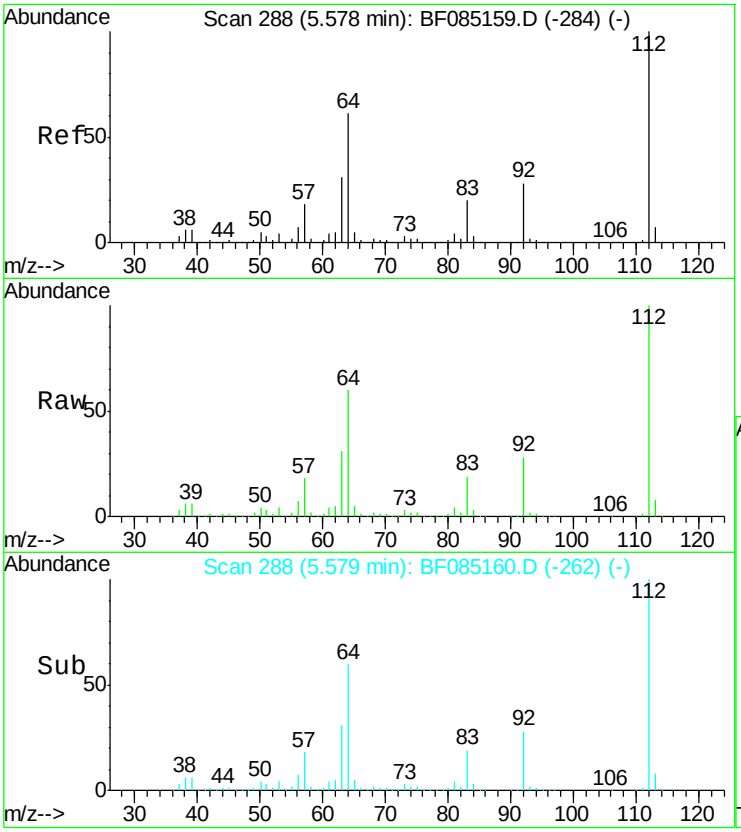


#4
n-Nitrosodimethylamine
Concen: 45.98 ng
RT: 3.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 42 Resp: 327553

Ion	Ratio	Lower	Upper
42	100		
74	146.9	116.8	175.2
44	6.9	5.5	8.3

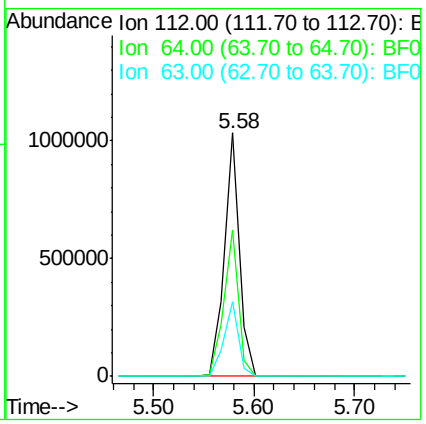




#5
2-Fluorophenol
Concen: 86.77 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:112 Resp: 1077701

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.4
63	30.6	24.8	37.2



Instrument :
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ClientSampleId :
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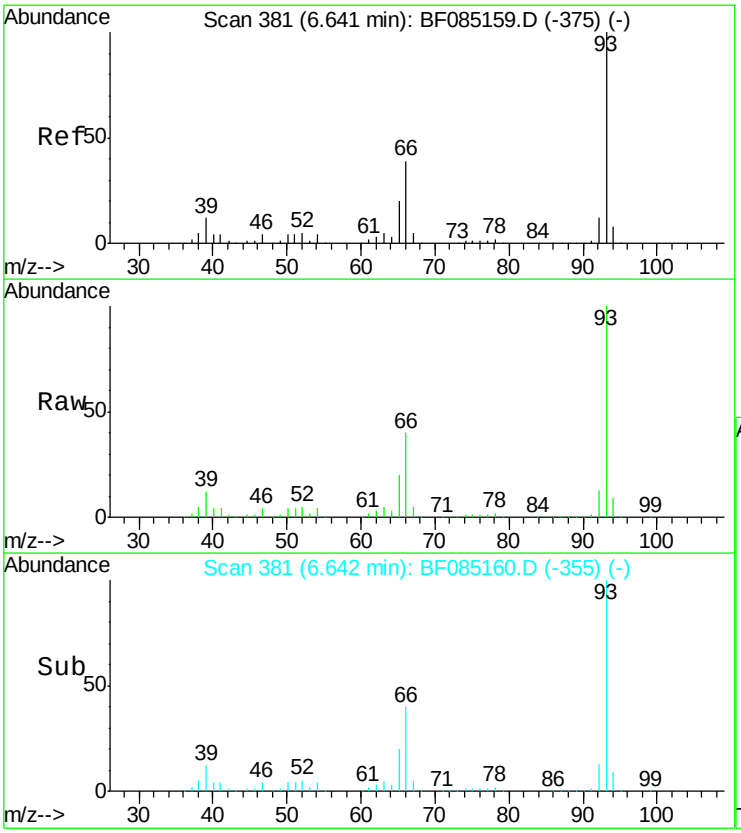
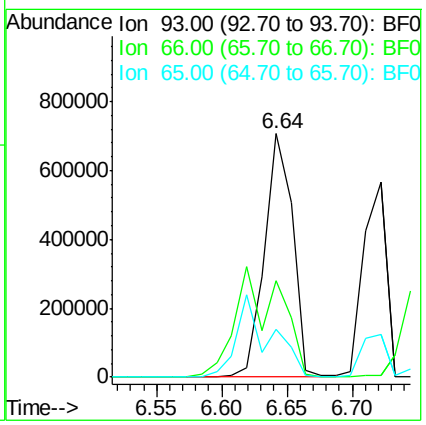
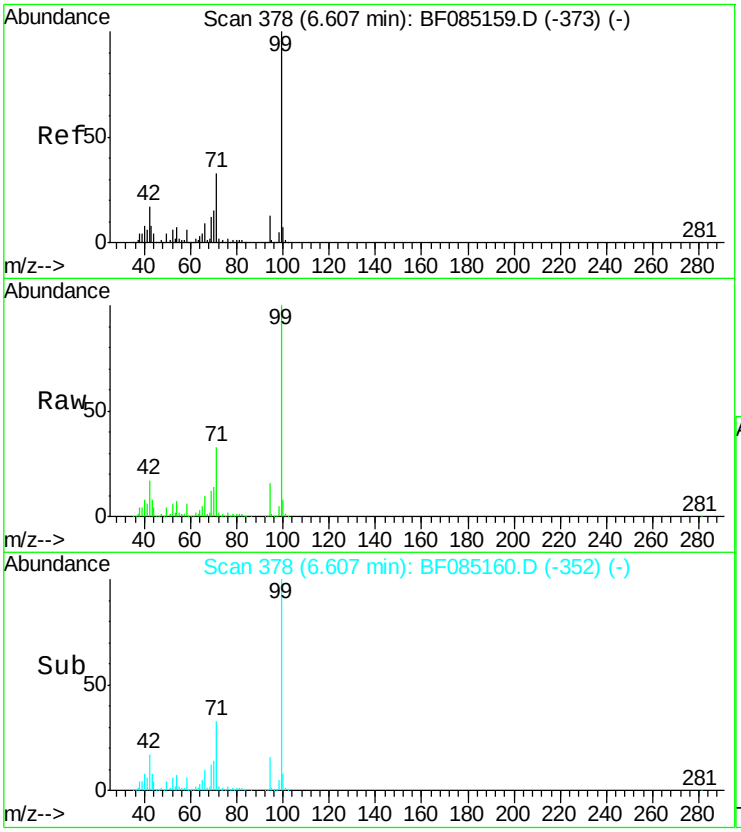


#6
Aniline
Concen: 46.55 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 93 Resp: 1074360

Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.6	47.4
65	19.9	15.8	23.8

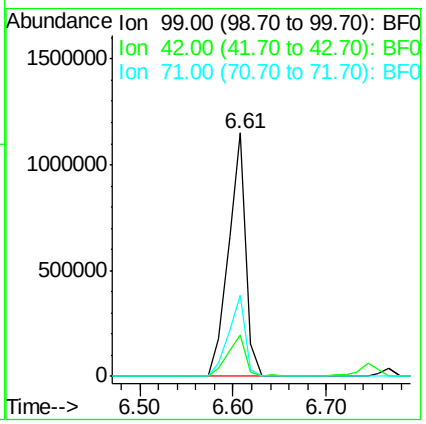




#7
Phenol-d6
Concen: 90.80 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 99 Resp: 1476996

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	33.1	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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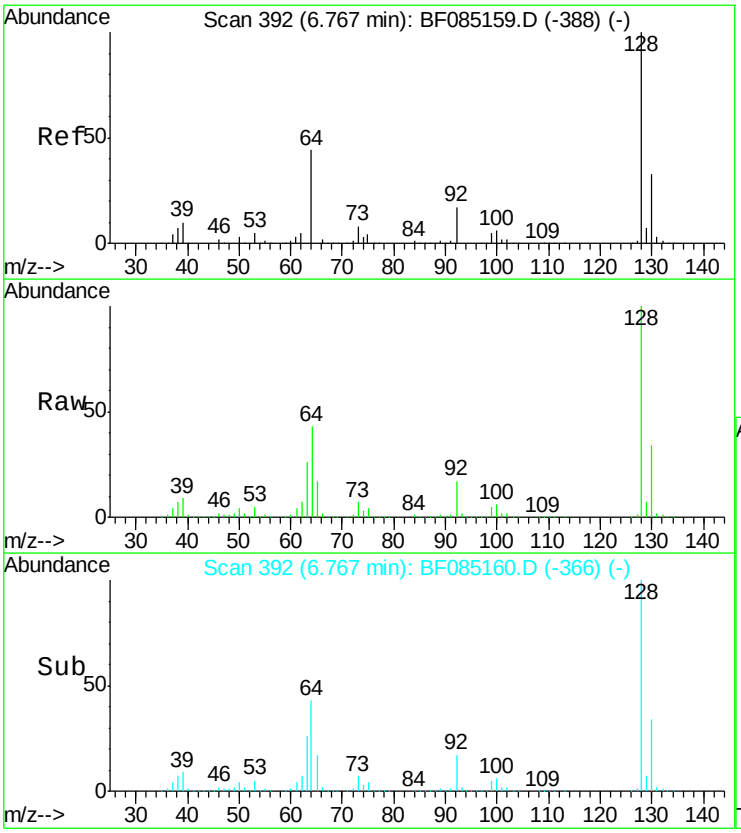
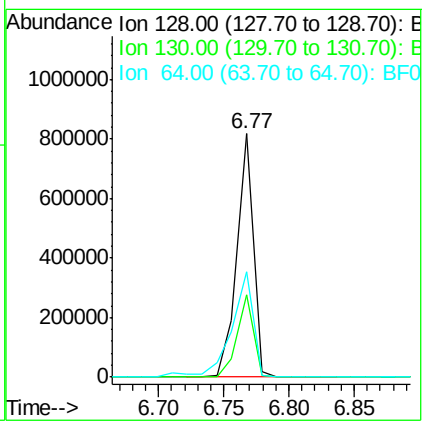
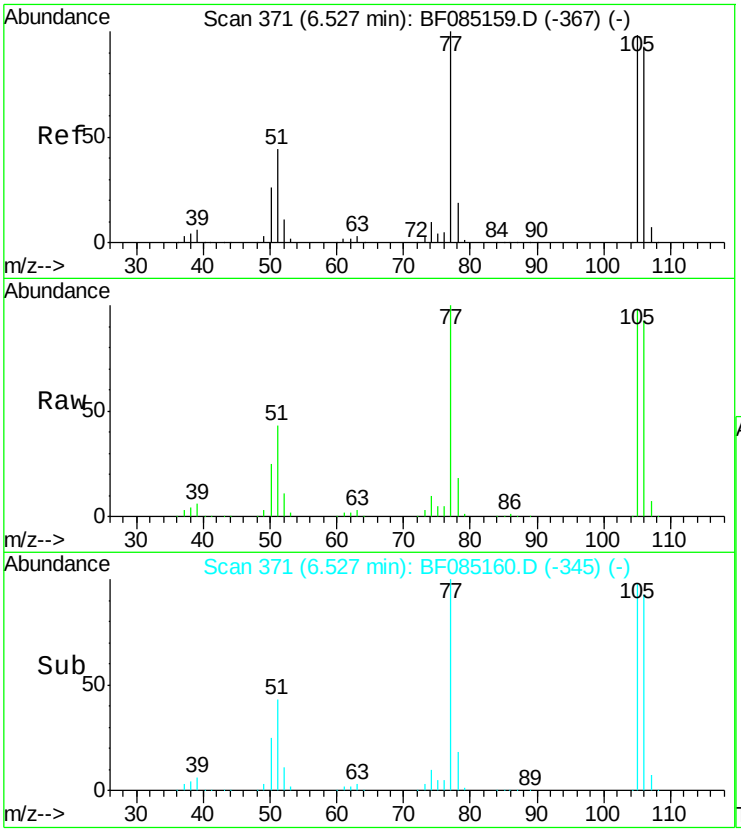


#8
2-Chlorophenol
Concen: 49.38 ng
RT: 6.77 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:128 Resp: 711654

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.3	53.3
64	43.2	25.7	65.7

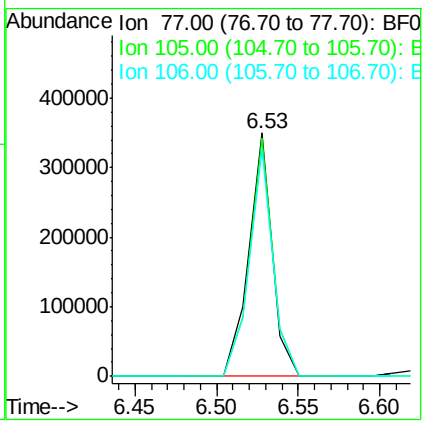




#9
Benzaldehyde
Concen: 41.32 ng
RT: 6.53 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 77 Resp: 349640

Ion	Ratio	Lower	Upper
77	100		
105	97.8	78.2	118.2
106	93.3	72.9	112.9



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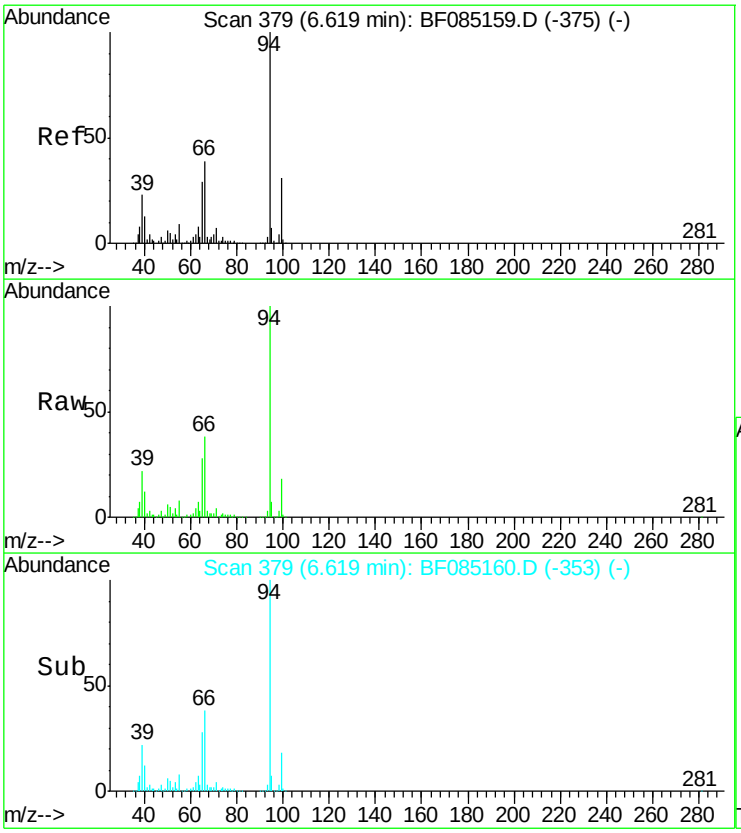
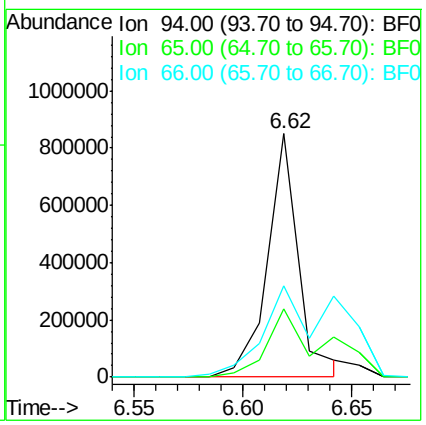
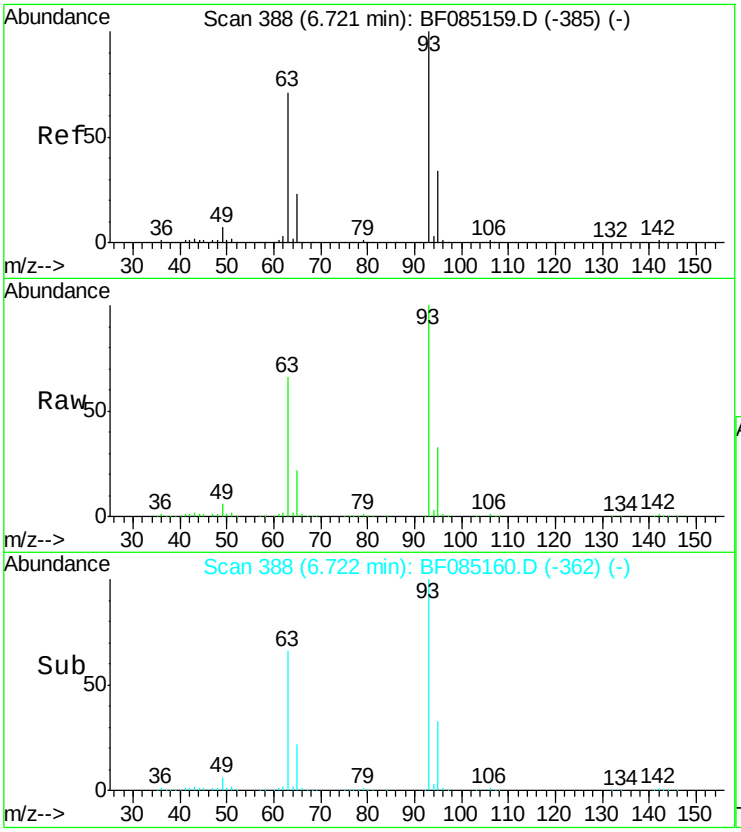


#10
Phenol
Concen: 46.53 ng m
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 94 Resp: 840179

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.1	49.1
66	37.5	19.3	59.3

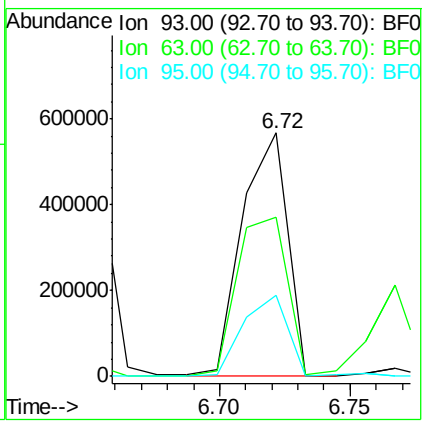




#11
bis(2-Chloroethyl)ether
Concen: 47.75 ng
RT: 6.72 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 93 Resp: 689295

Ion	Ratio	Lower	Upper
93	100		
63	65.5	50.9	90.9
95	33.4	13.7	53.7



Instrument :
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ClientSampleId :
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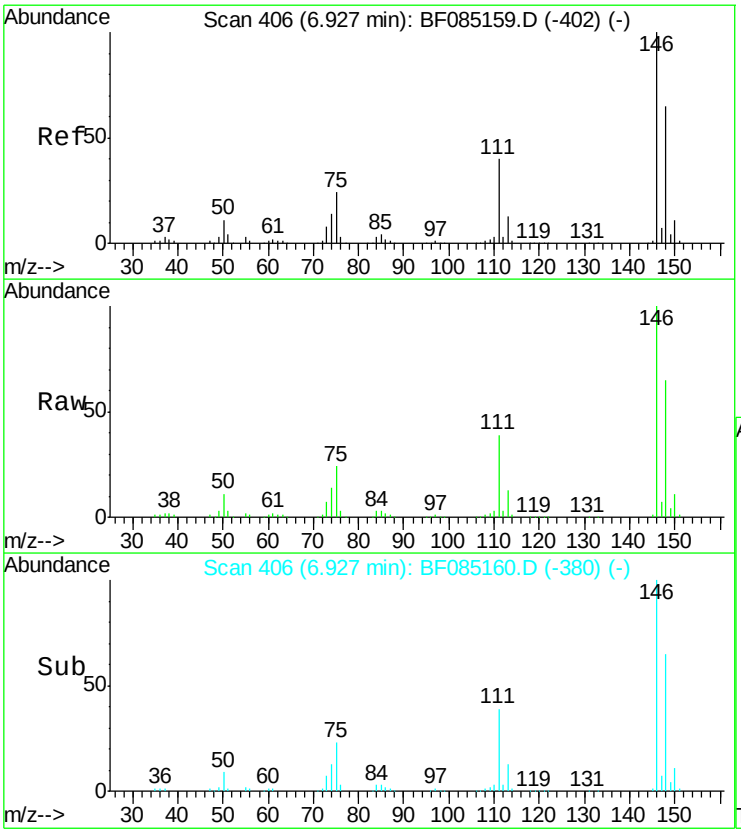
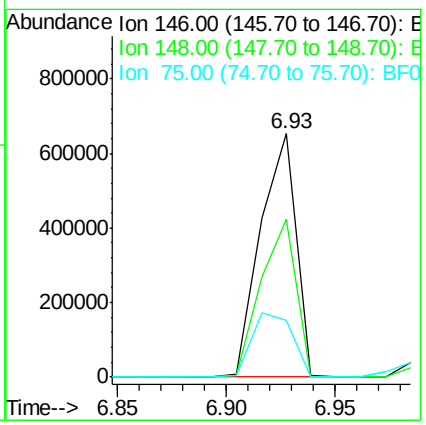
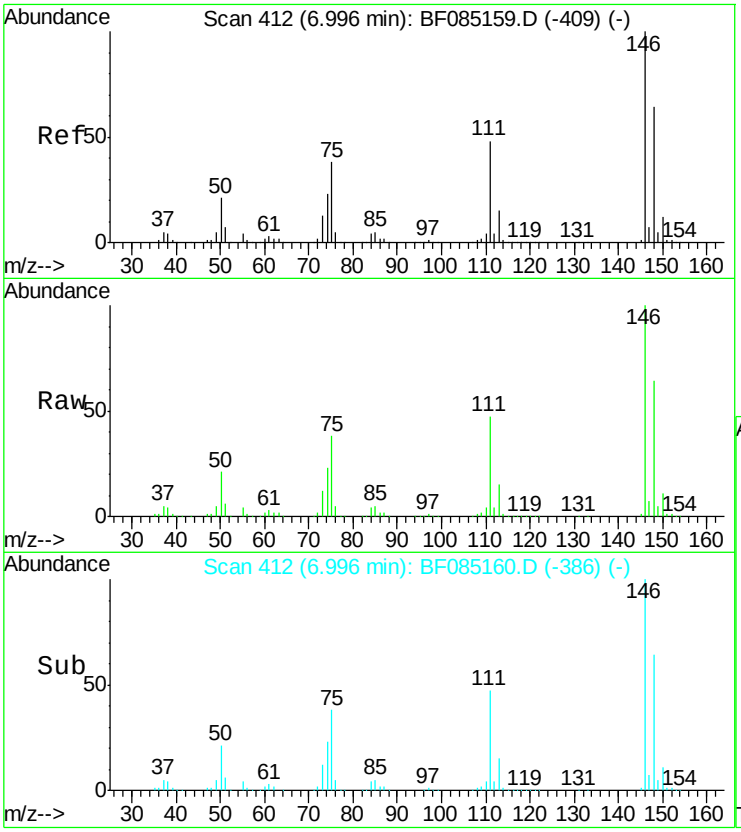


#12
1,3-Dichlorobenzene
Concen: 48.49 ng
RT: 6.93 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:146 Resp: 748542

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	23.5	19.5	29.3

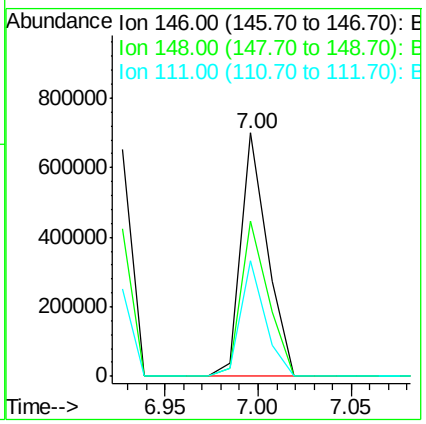




#13
1,4-Dichlorobenzene
Concen: 44.36 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:146 Resp: 696057

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	47.3	38.4	57.6



Instrument :
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ClientSampleId :
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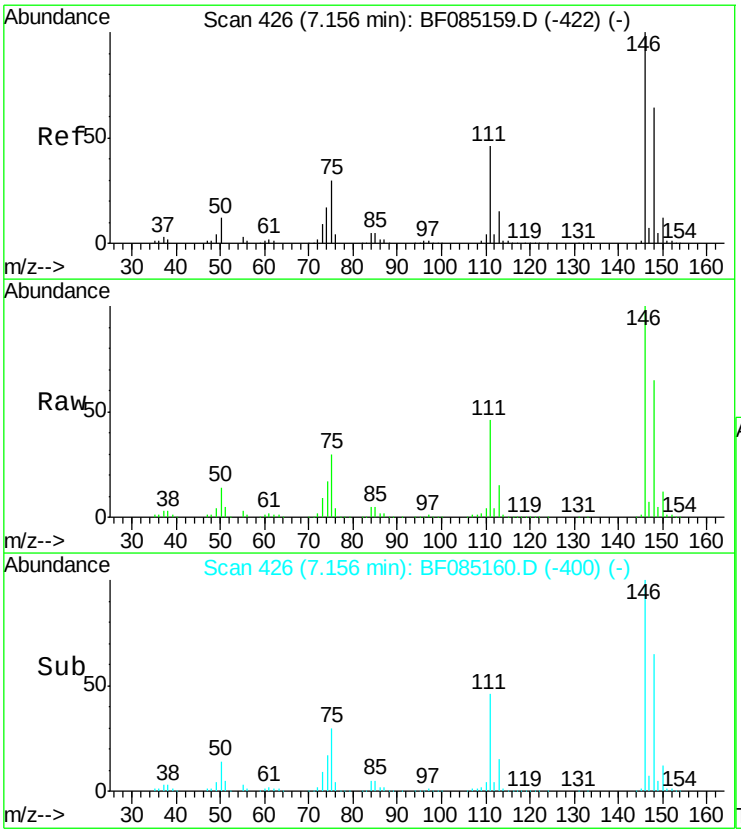
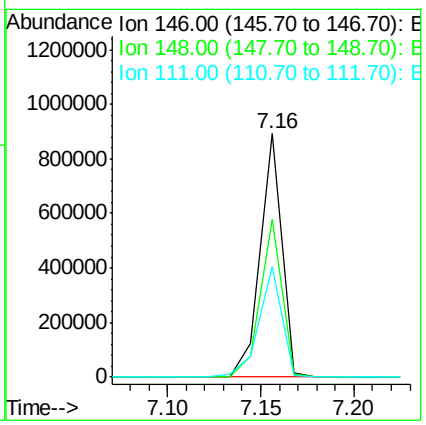
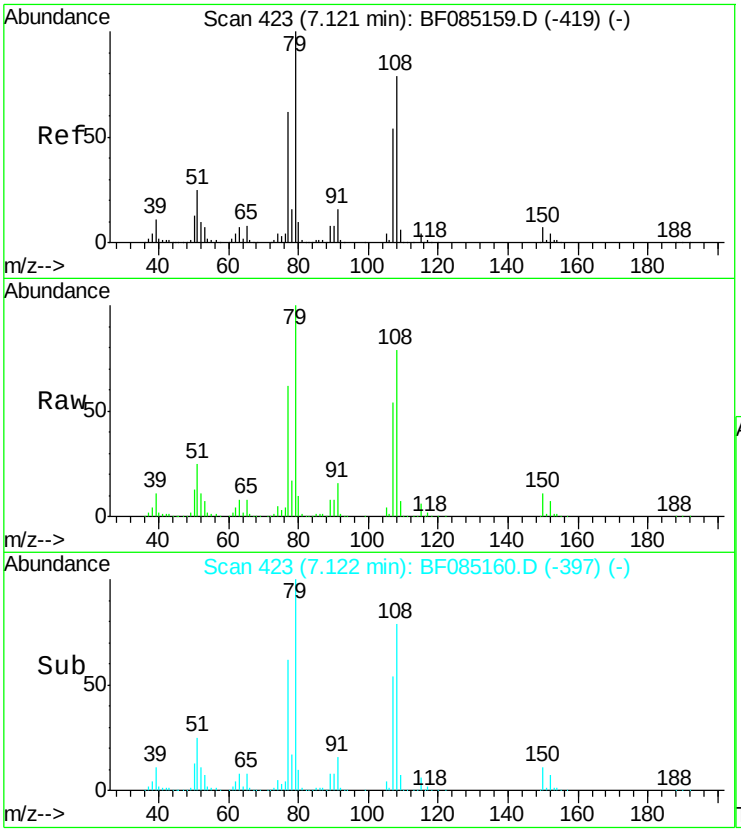


#14
1,2-Dichlorobenzene
Concen: 50.75 ng
RT: 7.16 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:146 Resp: 709941

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	45.5	36.7	55.1

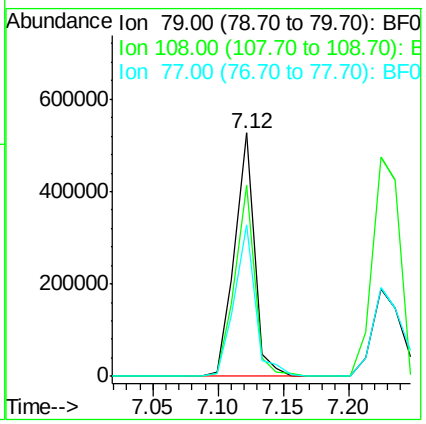




#15
Benzyl Alcohol
Concen: 47.03 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 79 Resp: 560185

Ion	Ratio	Lower	Upper
79	100		
108	78.7	62.9	94.3
77	62.1	49.5	74.3



Instrument :
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ClientSampleId :
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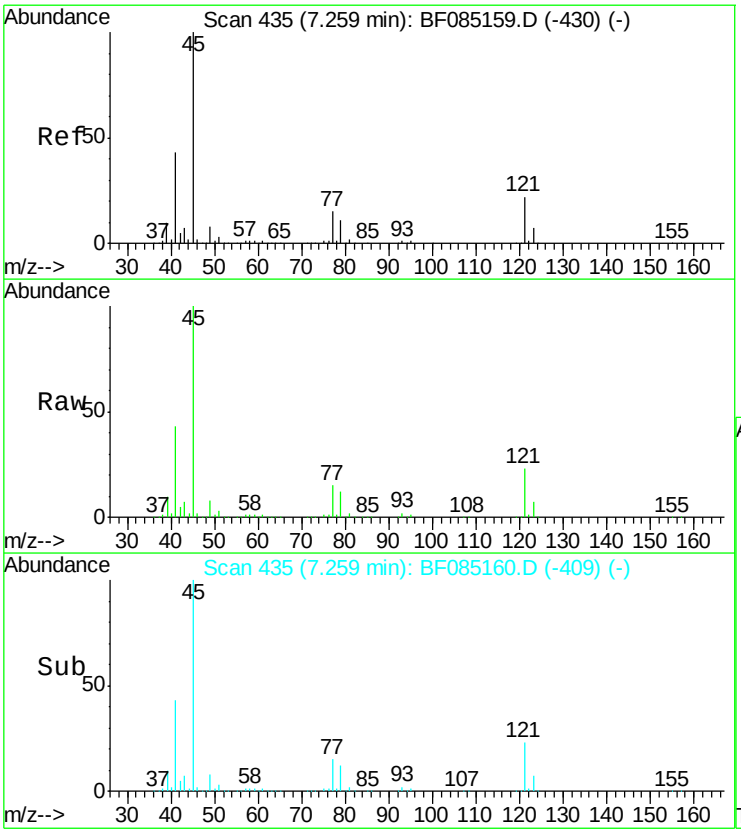
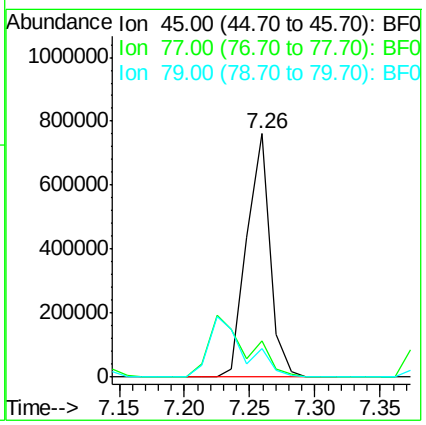
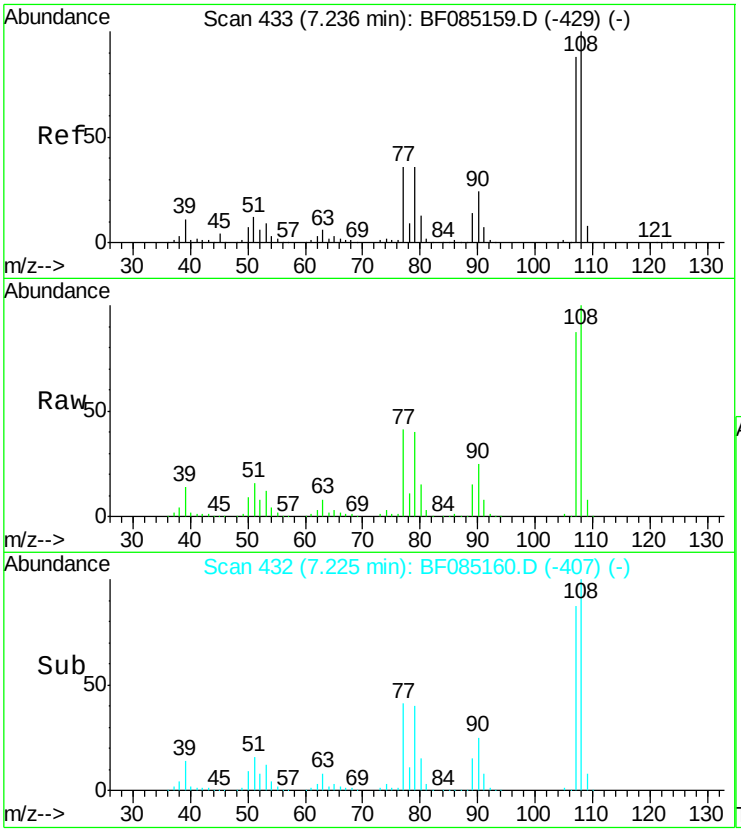


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.40 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 45 Resp: 942068

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.1
79	11.5	0.0	31.3

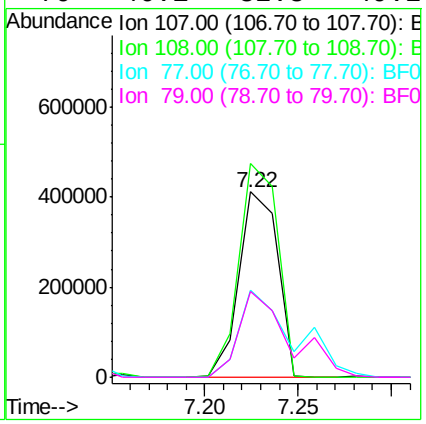




#17
2-Methylphenol
Concen: 49.18 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:107 Resp: 591822

Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.9	136.3
77	46.8	32.6	48.8
79	46.1	32.8	49.2



Instrument :
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ClientSampleId :
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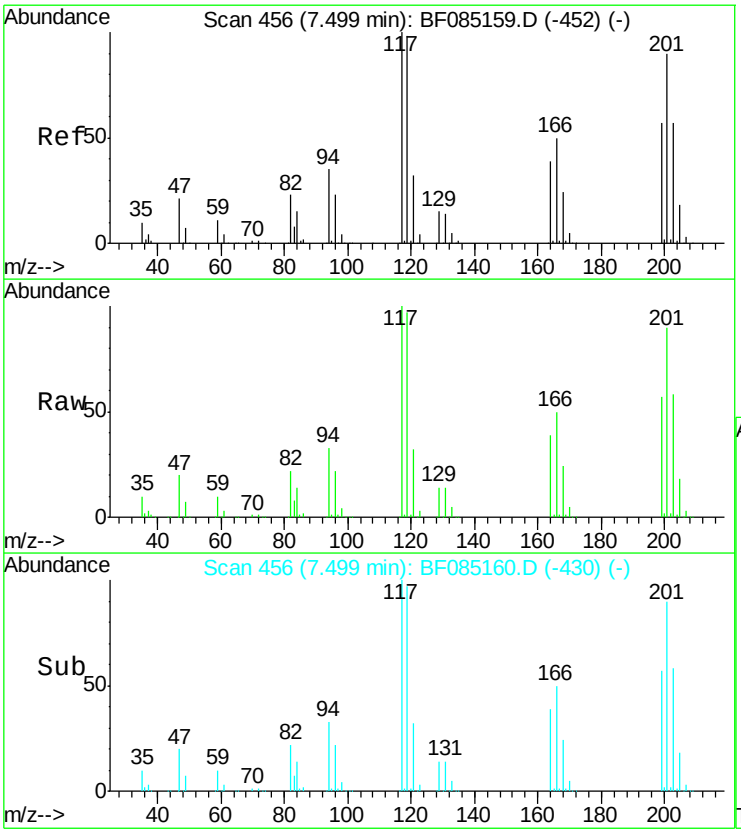
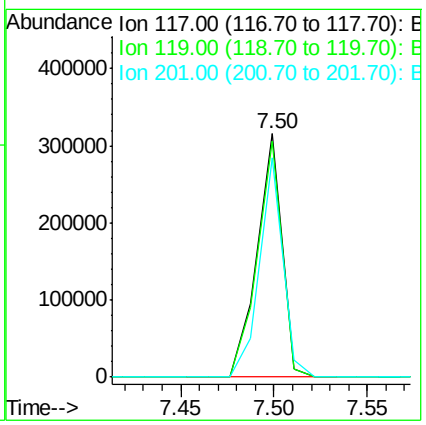
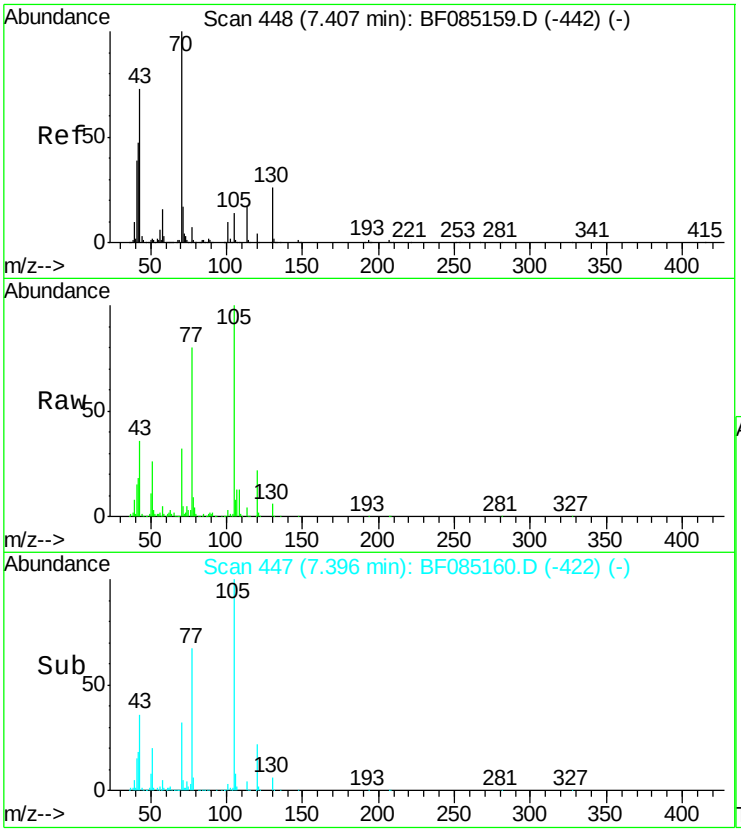


#18
Hexachloroethane
Concen: 49.52 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:117 Resp: 288655

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.4
201	90.0	72.0	108.0

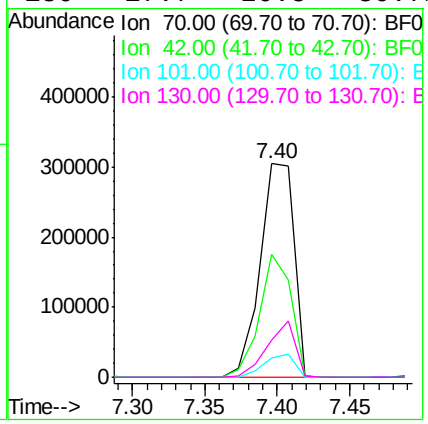




#19
n-Nitroso-di-n-propylamine
Concen: 46.61 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 70 Resp: 496267

Ion	Ratio	Lower	Upper
70	100		
42	57.3	37.7	56.5#
101	9.1	8.2	12.4
130	17.7	20.5	30.7#



Instrument :
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ClientSampleId :
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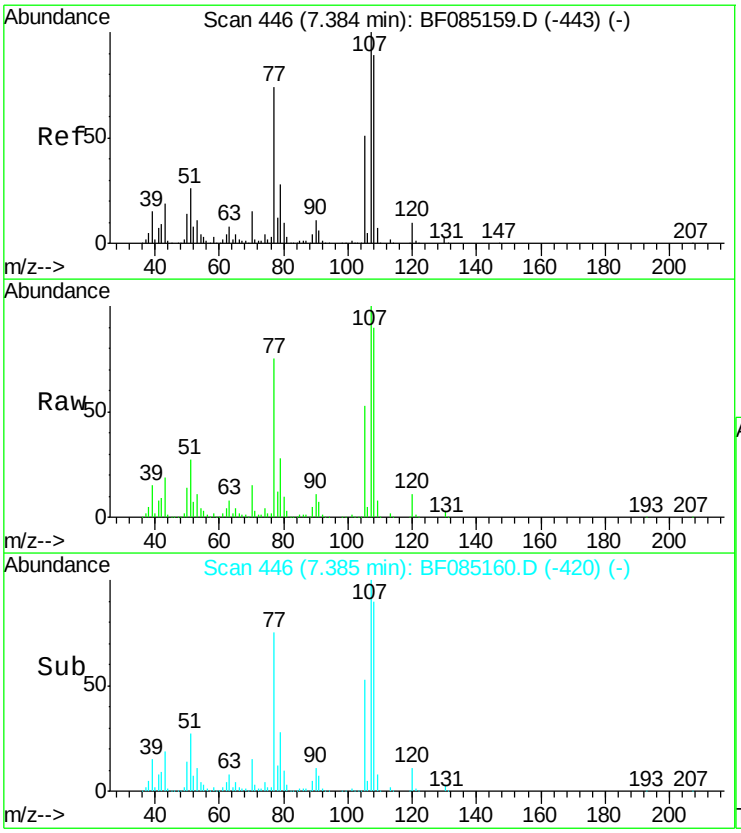
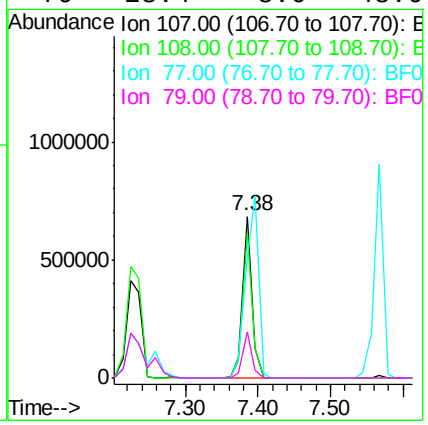
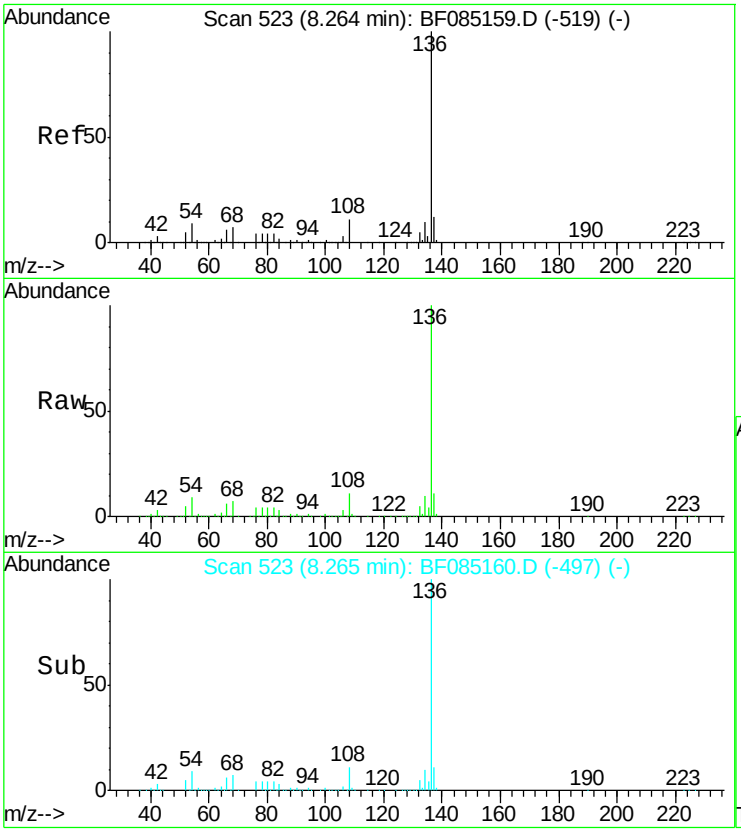


#20
3+4-Methylphenols
Concen: 43.45 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:107 Resp: 623552

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.8	108.8
77	74.8	53.6	93.6
79	28.4	8.0	48.0

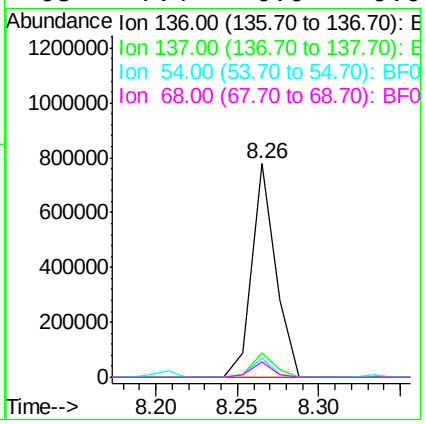




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:136 Resp: 788320

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.1	7.4	11.2
68	7.4	6.0	9.0



Instrument :
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ClientSampleId :
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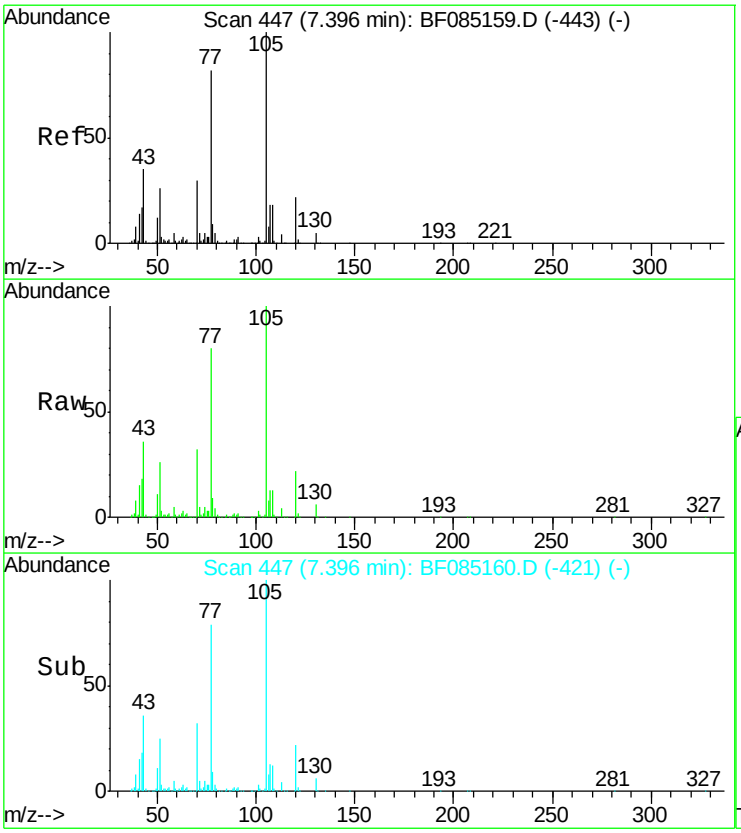
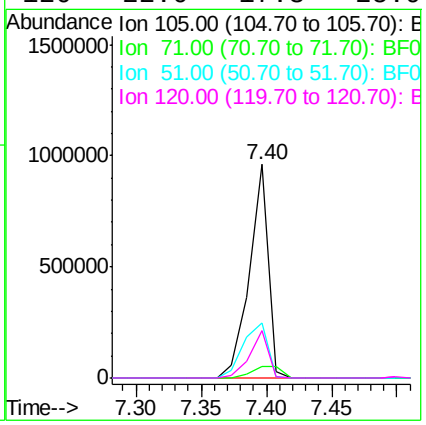
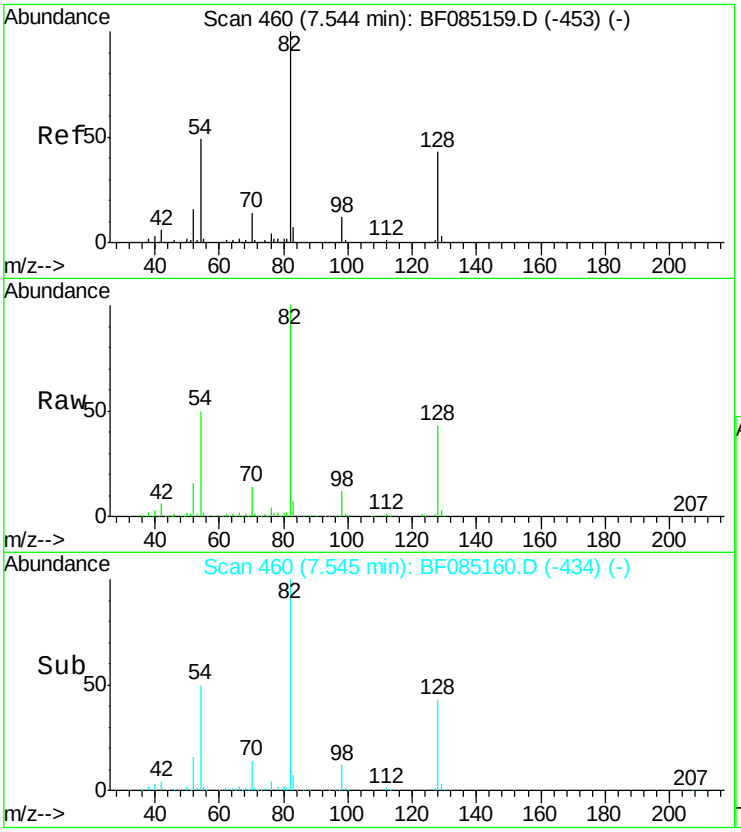


#22
Acetophenone
Concen: 48.99 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:105 Resp: 973123

Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.1	6.1
51	25.5	21.1	31.7
120	22.0	17.3	25.9

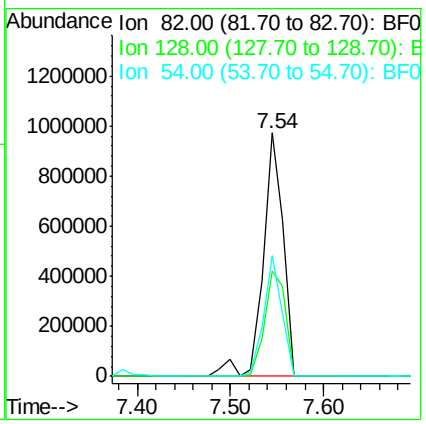




#23
Nitrobenzene-d5
Concen: 97.73 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 82 Resp: 1442885

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.5	51.7
54	49.5	39.3	58.9



Instrument :
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ClientSampleId :
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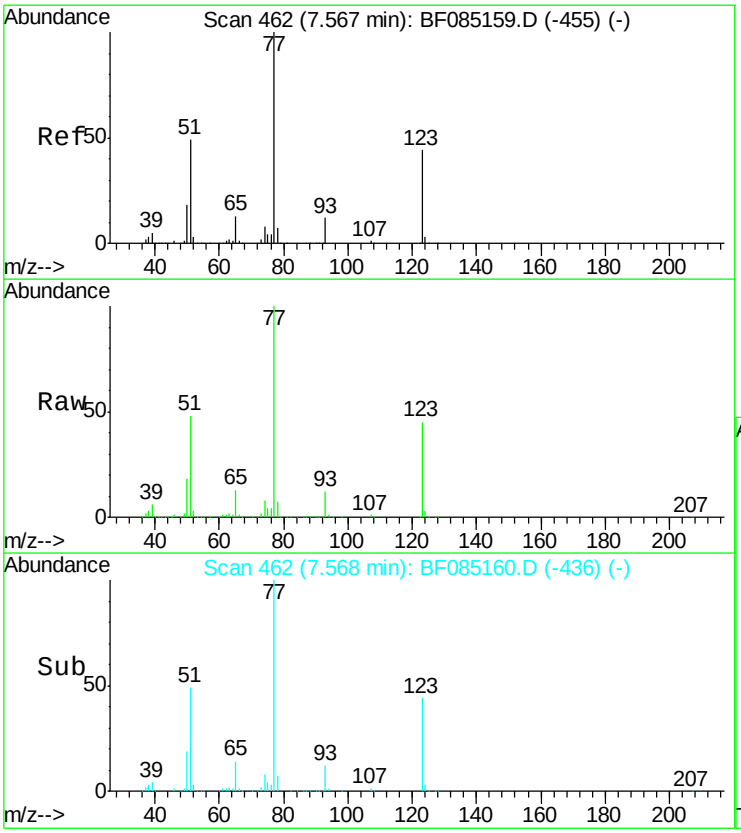
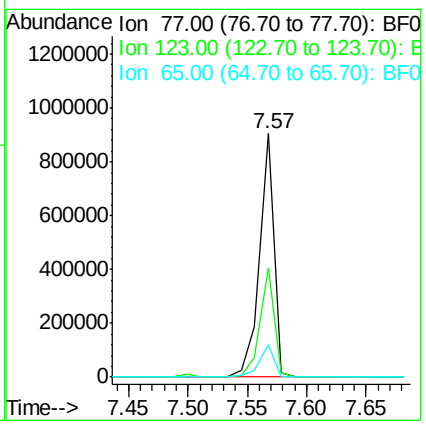
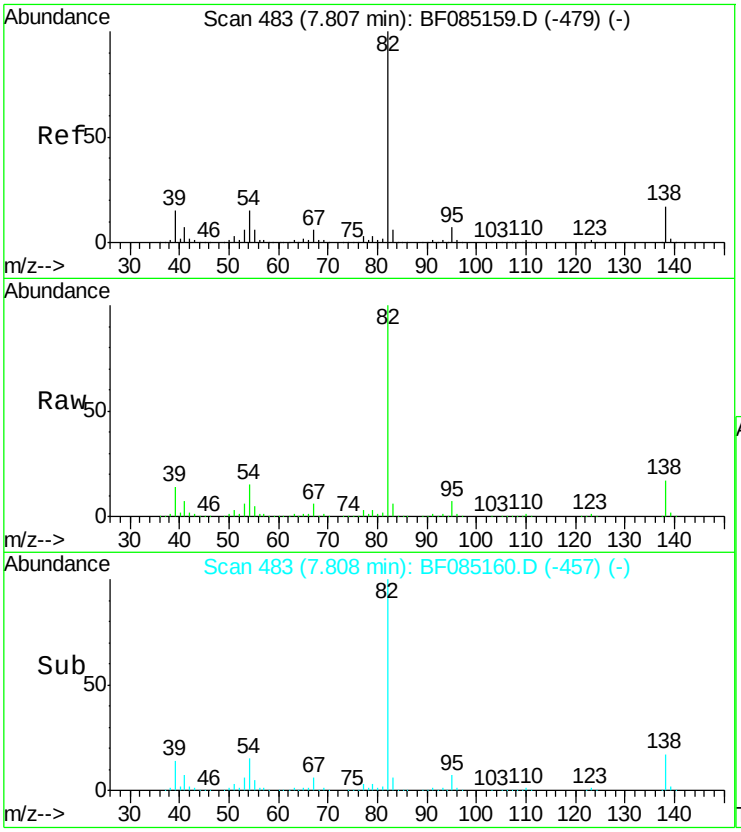


#24
Nitrobenzene
Concen: 50.55 ng
RT: 7.57 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 77 Resp: 780945

Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.4	53.2
65	13.3	10.6	16.0

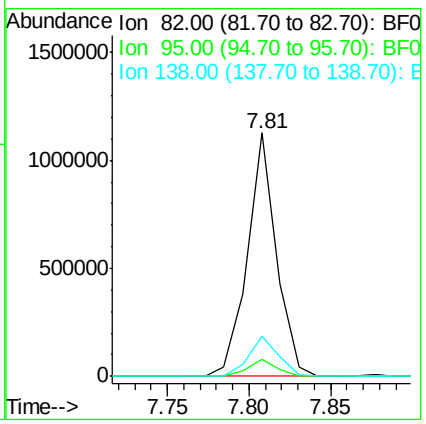




#25
Isophorone
Concen: 49.30 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 82 Resp: 1392056

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	16.7	13.3	19.9



Instrument :
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ClientSampleId :
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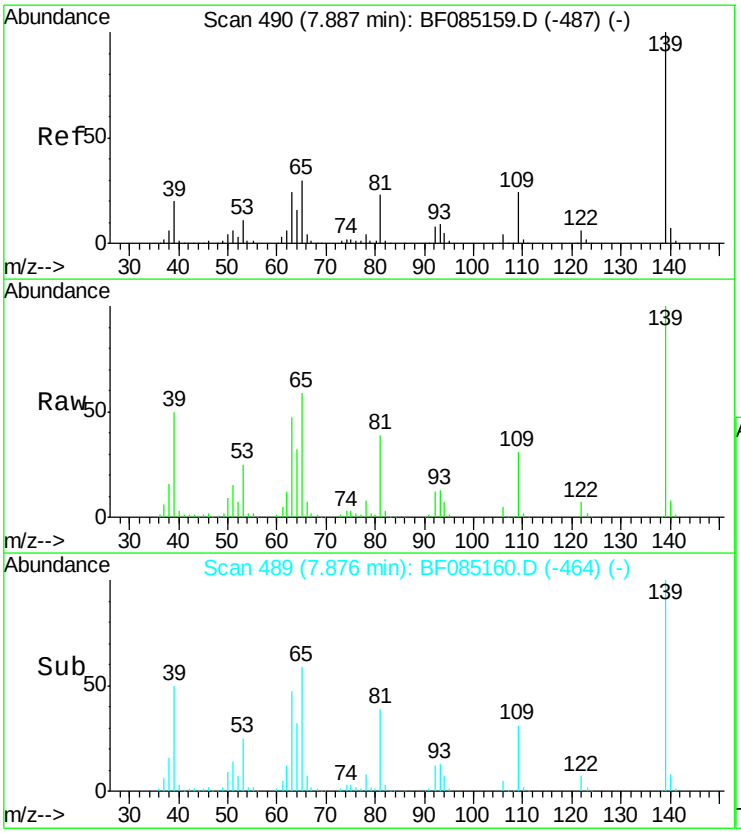
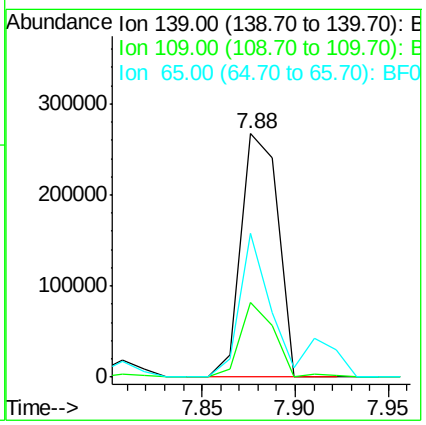
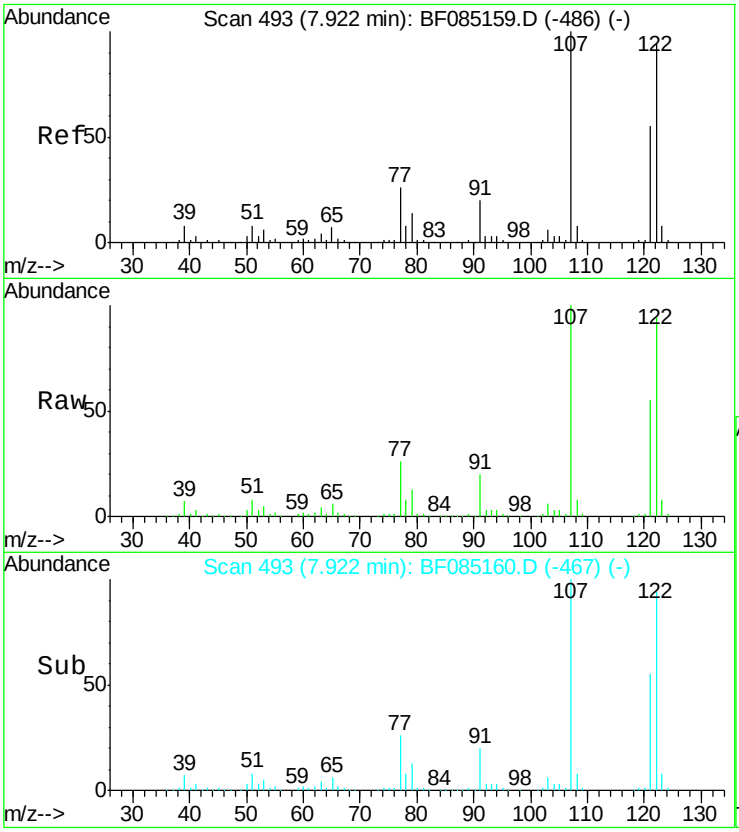


#26
2-Nitrophenol
Concen: 52.95 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:139 Resp: 365947

Ion	Ratio	Lower	Upper
139	100		
109	30.7	19.1	28.7#
65	59.3	23.9	35.9#

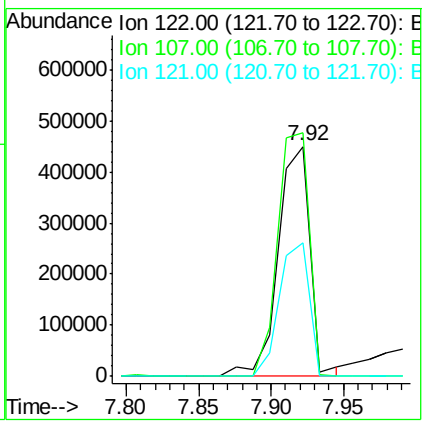




#27
2,4-Dimethylphenol
Concen: 51.33 ng
RT: 7.92 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:122 Resp: 685268

Ion	Ratio	Lower	Upper
122	100		
107	105.9	84.8	127.2
121	58.1	47.0	70.6



Instrument :
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ClientSampleId :
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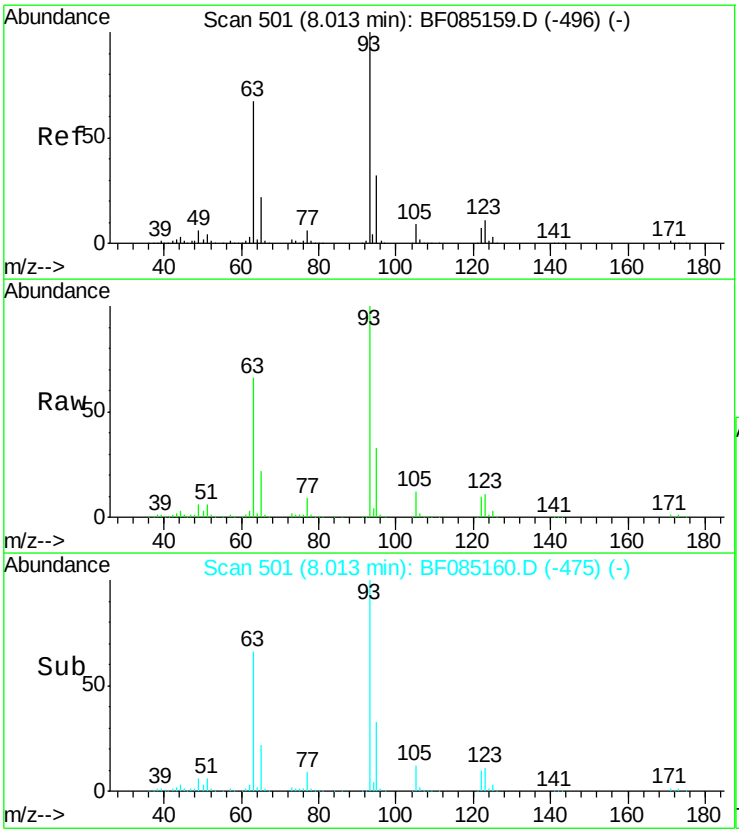
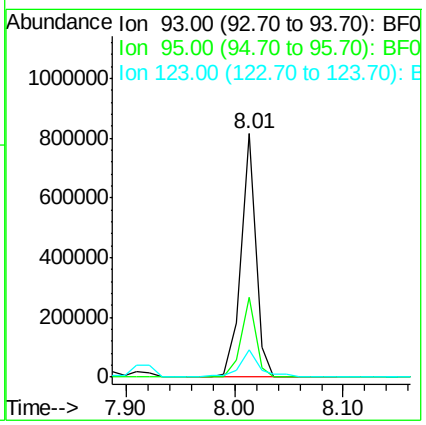
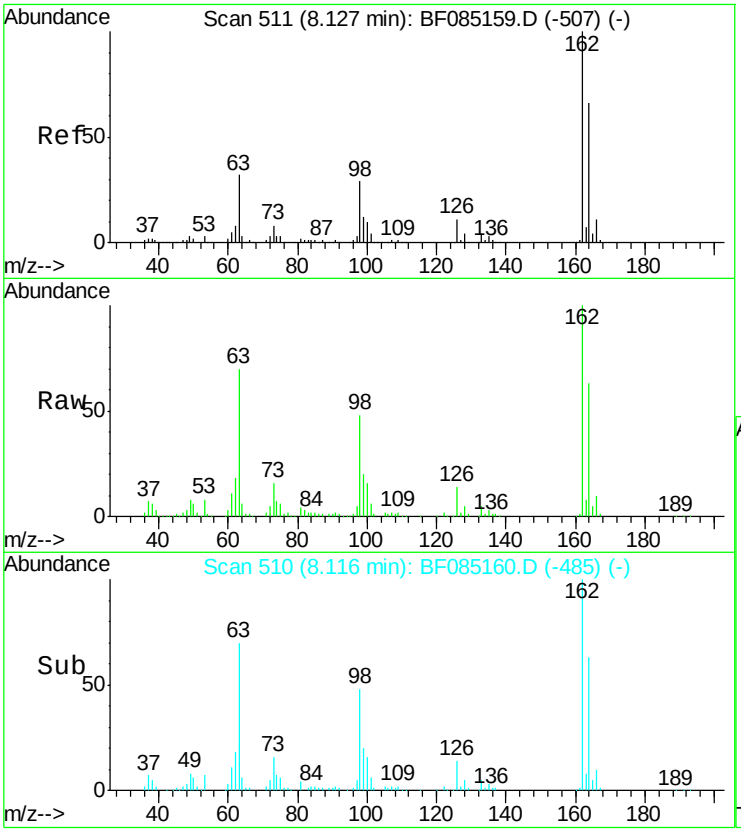


#28
bis(2-Chloroethoxy)methane
Concen: 48.59 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 93 Resp: 761007

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.9	38.9
123	11.0	8.8	13.2

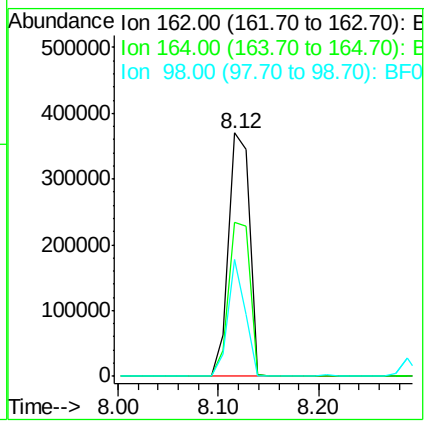




#29
2,4-Dichlorophenol
Concen: 49.23 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:162 Resp: 537993

Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.7	85.7
98	48.1	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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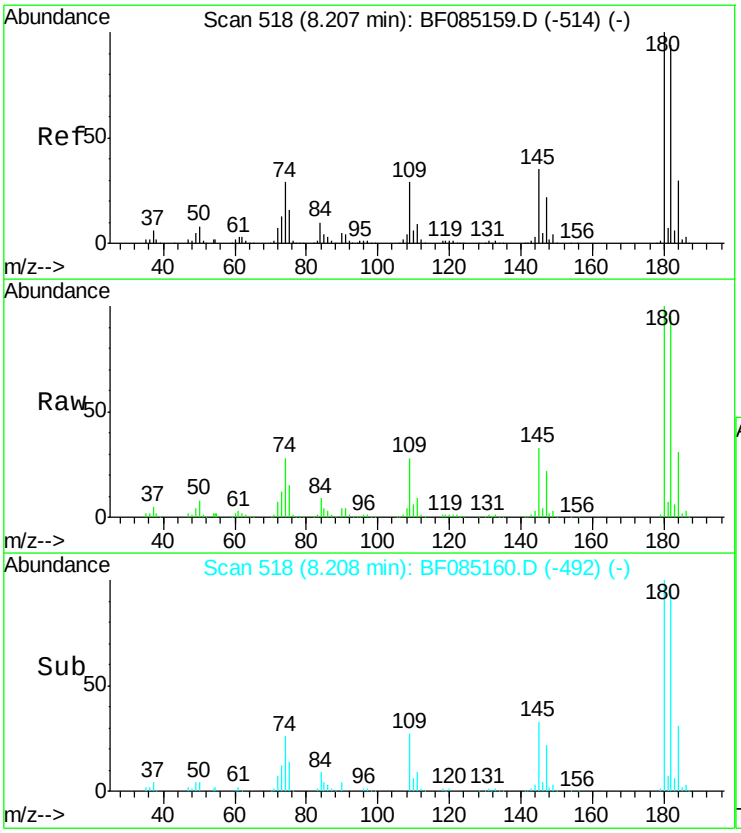
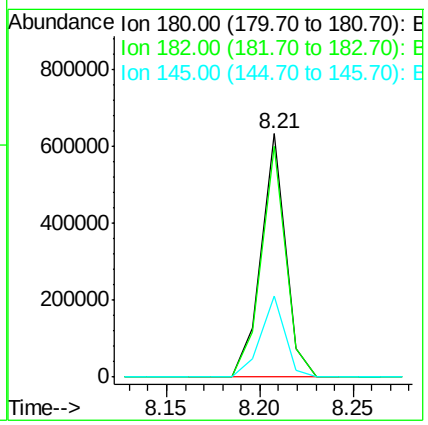
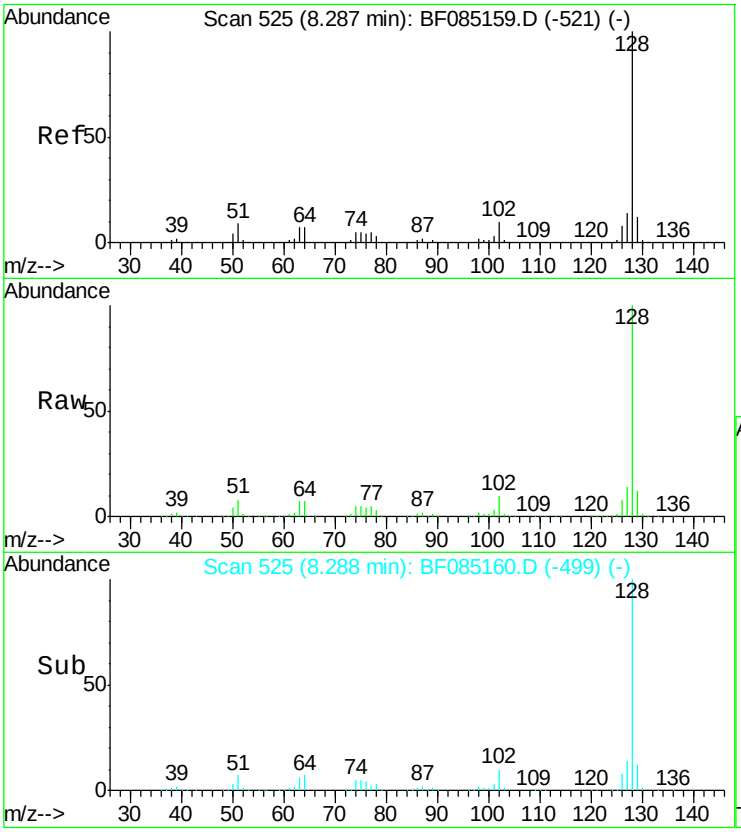


#30
1,2,4-Trichlorobenzene
Concen: 48.06 ng
RT: 8.21 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:180 Resp: 574891

Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.9	112.3
145	33.3	27.9	41.9

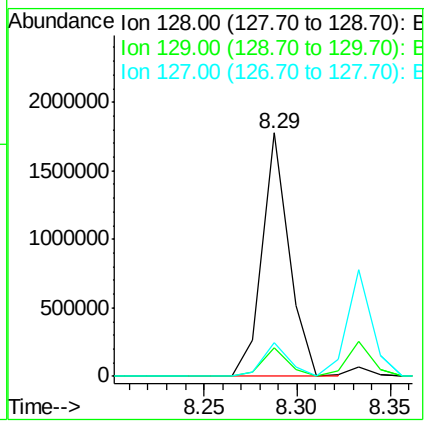




#31
Naphthalene
Concen: 44.56 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:128 Resp: 1767214

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	14.1	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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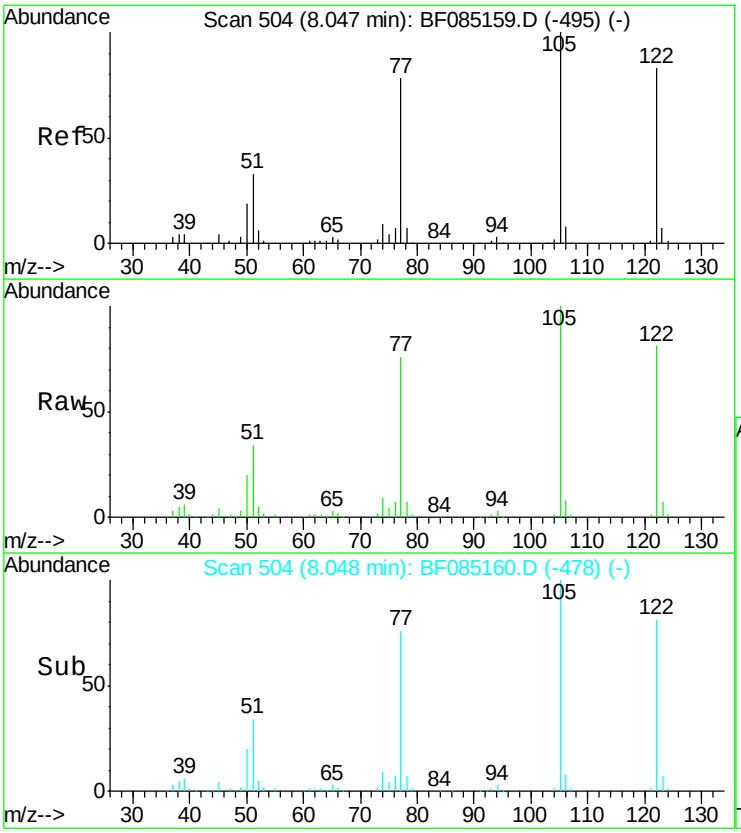
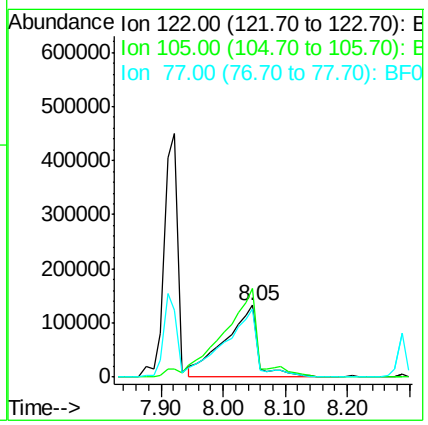
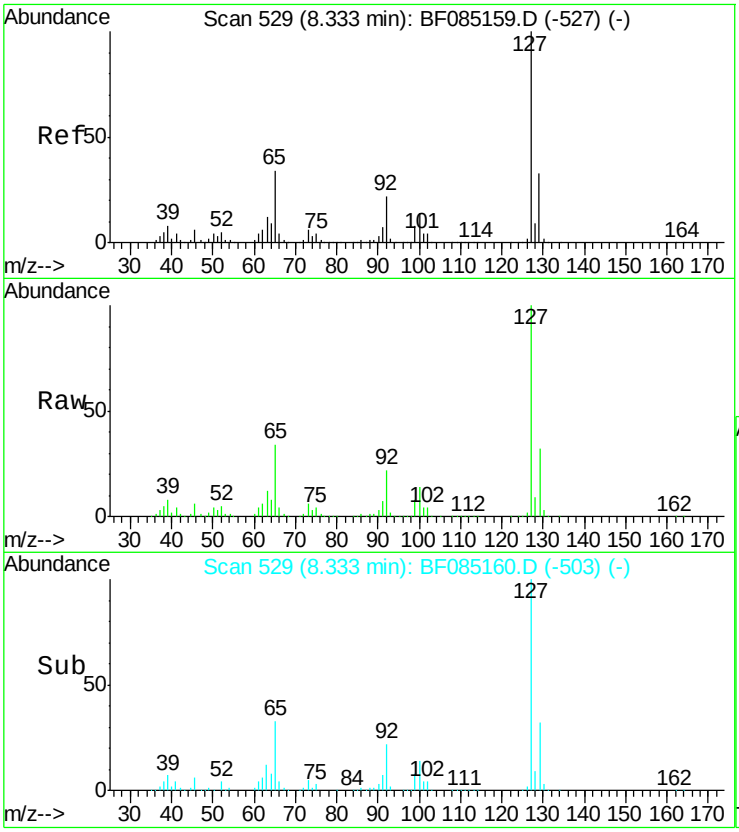


#32
Benzoic acid
Concen: 73.66 ng
RT: 8.05 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:122 Resp: 484803

Ion	Ratio	Lower	Upper
122	100		
105	124.1	101.3	141.3
77	94.6	74.7	114.7

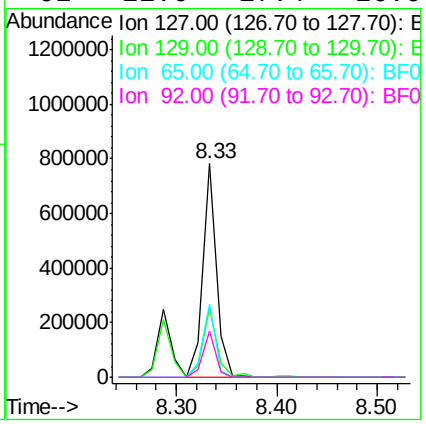




#33
4-Chloroaniline
Concen: 46.94 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:127 Resp: 739488

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	34.0	27.0	40.6
92	21.6	17.4	26.0



Instrument :
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ClientSampleId :
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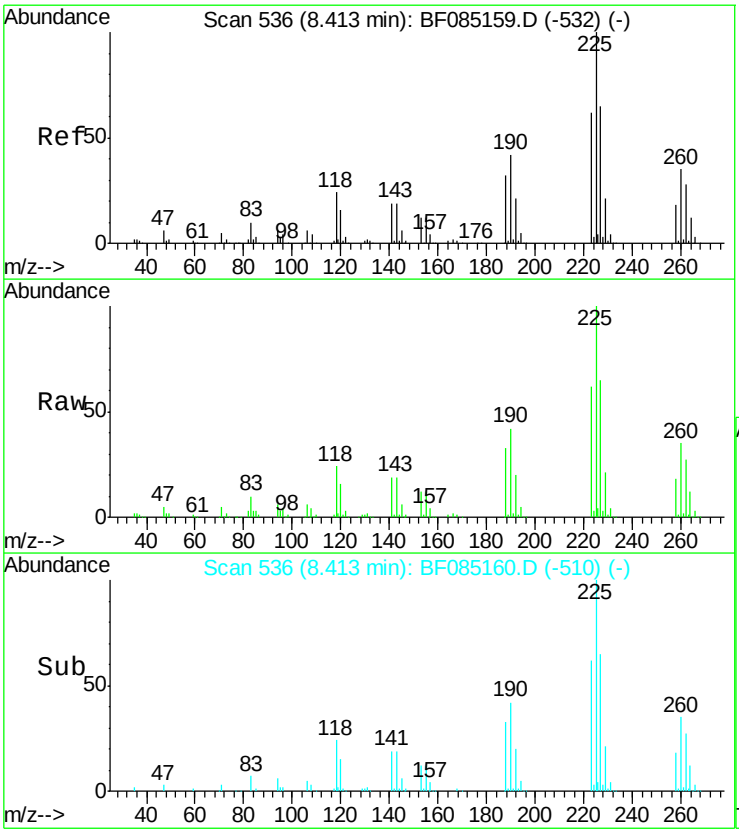
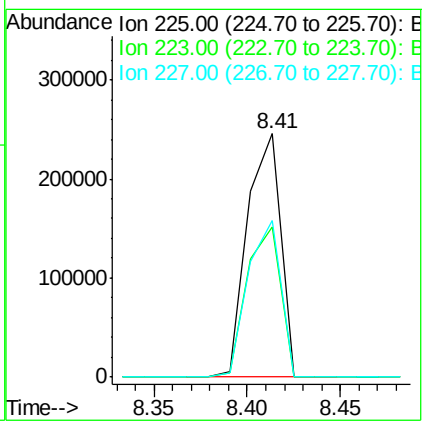
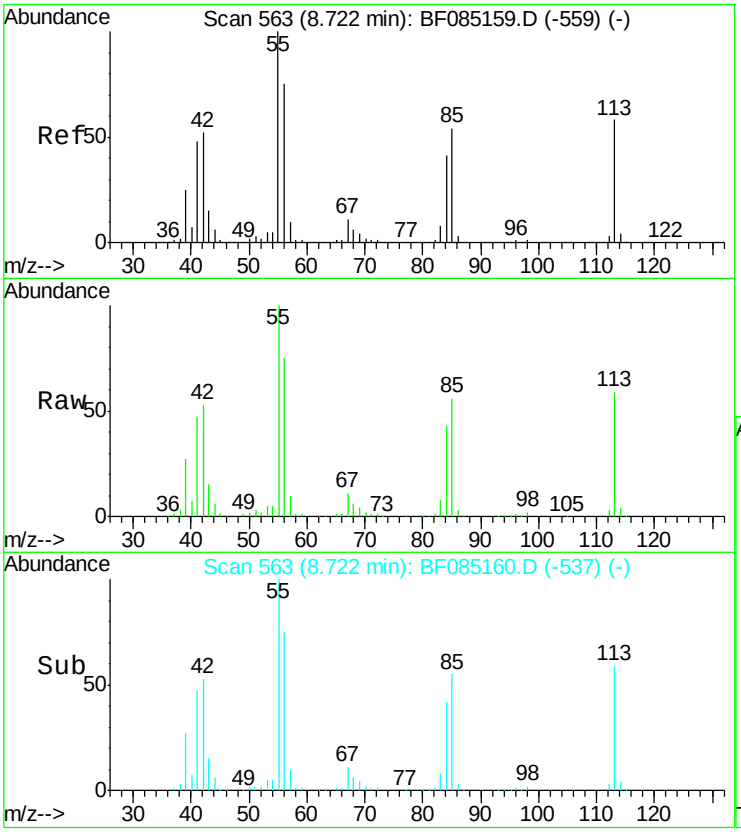


#34
Hexachlorobutadiene
Concen: 44.50 ng
RT: 8.41 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:225 Resp: 301966

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	64.6	52.2	78.4

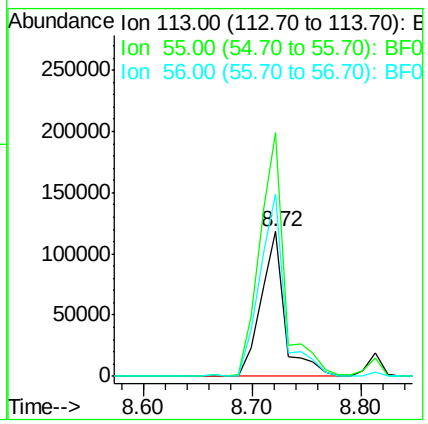




#35
Caprolactam
Concen: 52.58 ng
RT: 8.72 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:113 Resp: 181406

Ion	Ratio	Lower	Upper
113	100		
55	168.4	152.7	192.7
56	126.1	109.0	149.0



Instrument :
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ClientSampleId :
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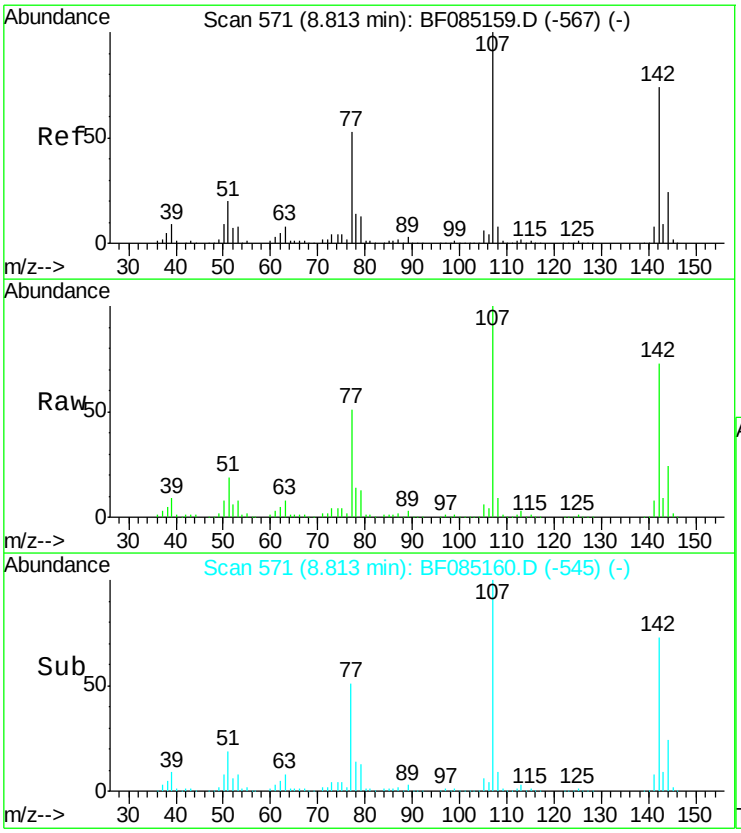
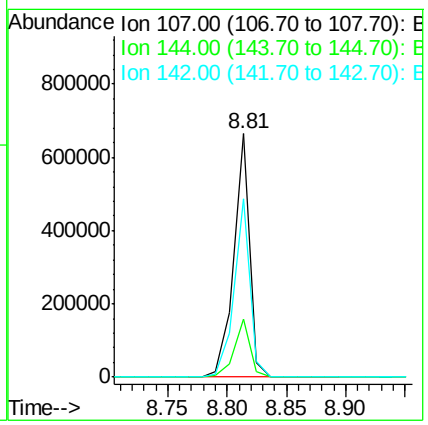
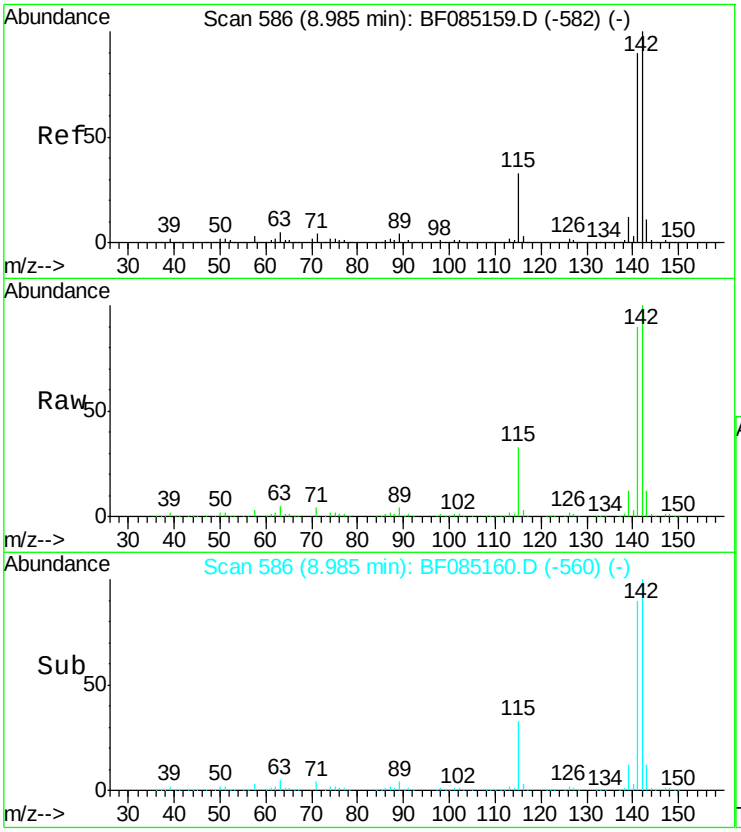


#36
4-Chloro-3-methylphenol
Concen: 50.88 ng
RT: 8.81 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:107 Resp: 616137

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.4	29.2
142	73.5	59.4	89.2

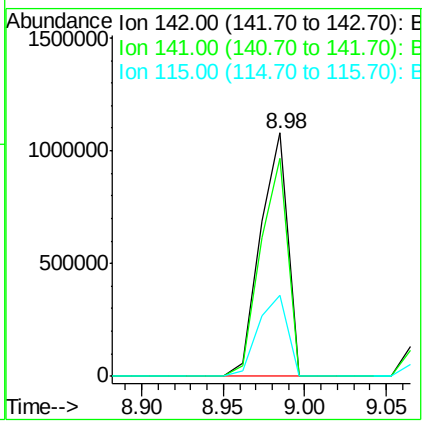




#37
2-Methylnaphthalene
Concen: 51.29 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:142 Resp: 1256269

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	33.1	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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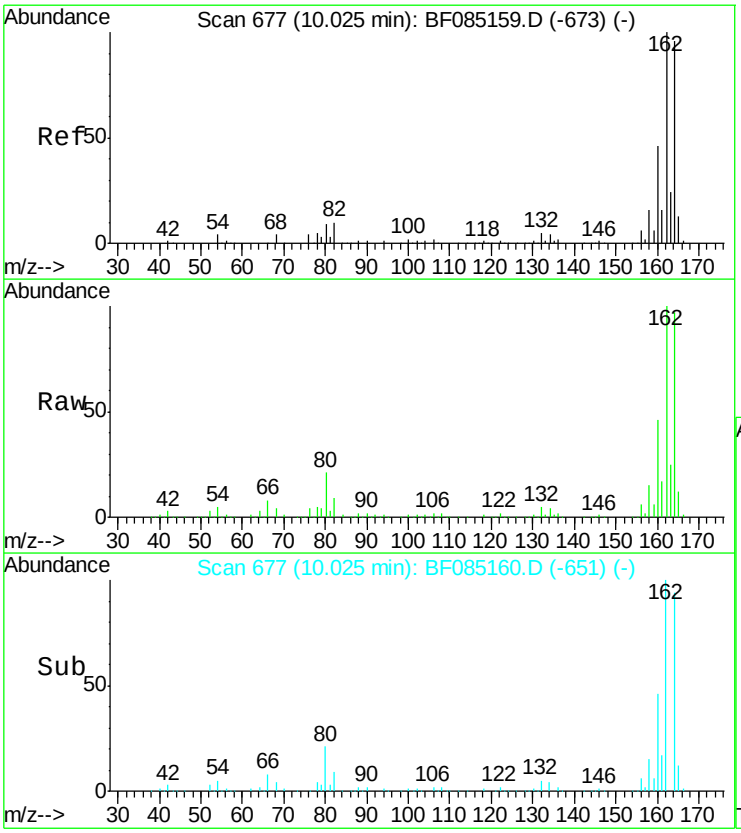
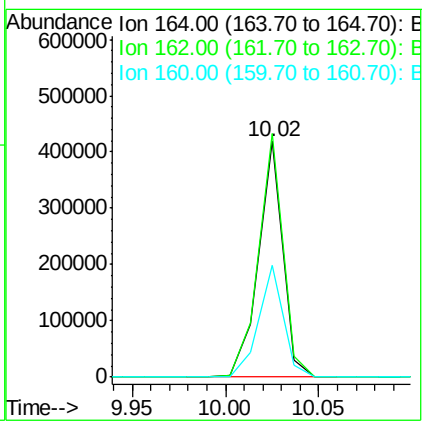
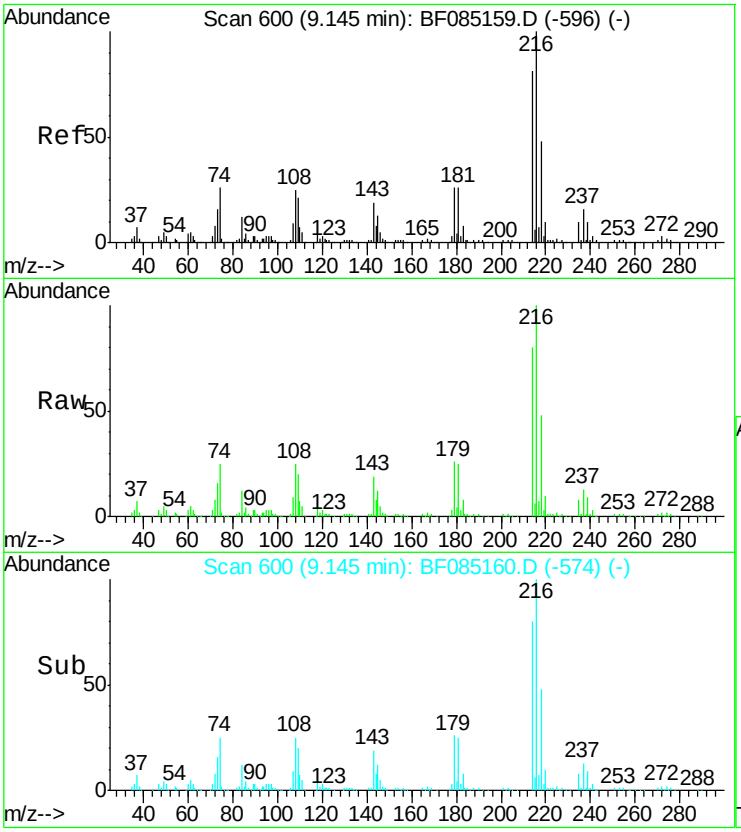


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:164 Resp: 374699

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.3	124.9
160	47.6	37.9	56.9

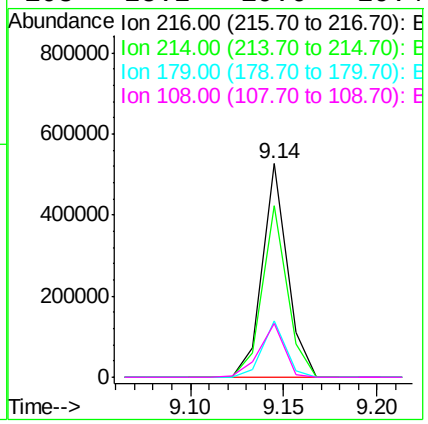




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.96 ng
RT: 9.14 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:216 Resp: 488519

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	24.7	19.6	29.4
108	25.2	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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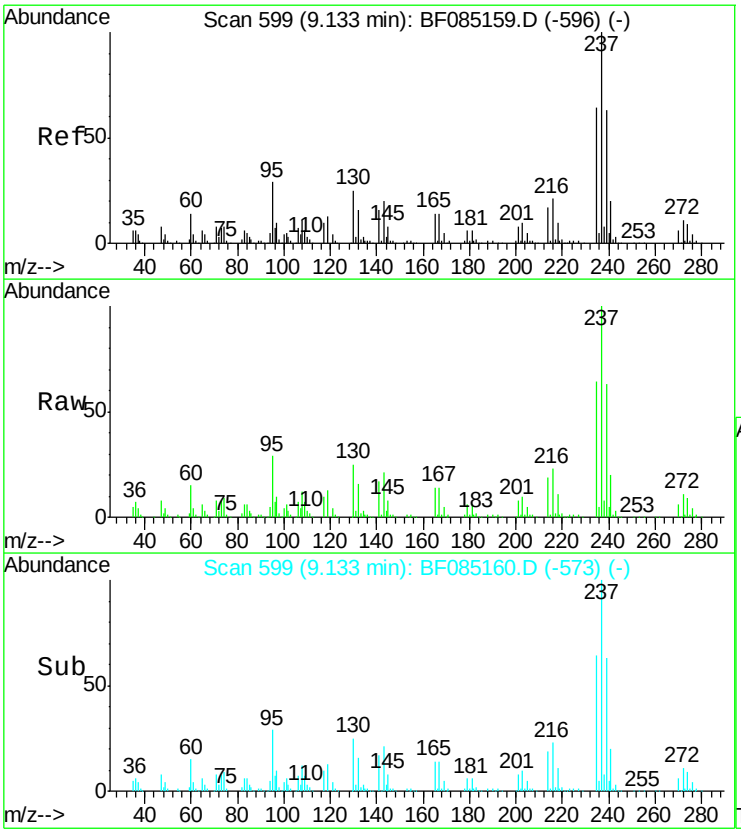
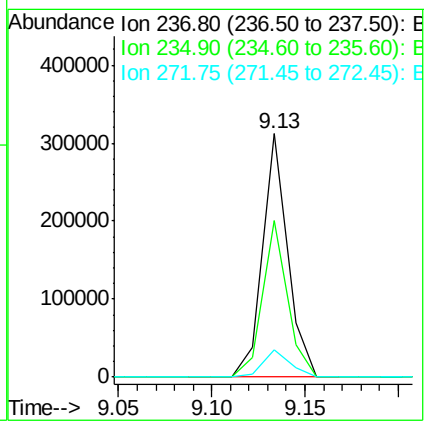
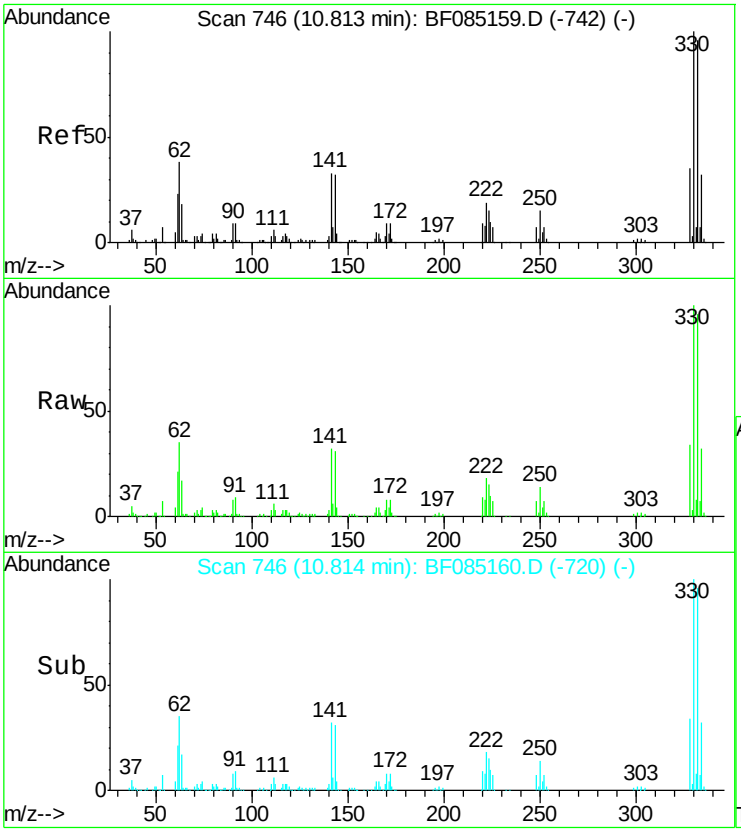


#40
Hexachlorocyclopentadiene
Concen: 45.01 ng
RT: 9.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:237 Resp: 288282

Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.7	83.7
272	11.4	0.0	31.5

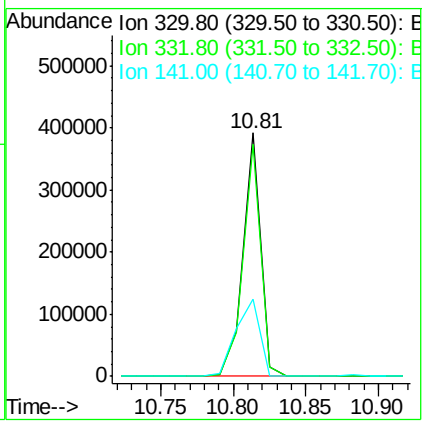




#41
2,4,6-Tribromophenol
Concen: 90.93 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:330 Resp: 332885

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	43.0	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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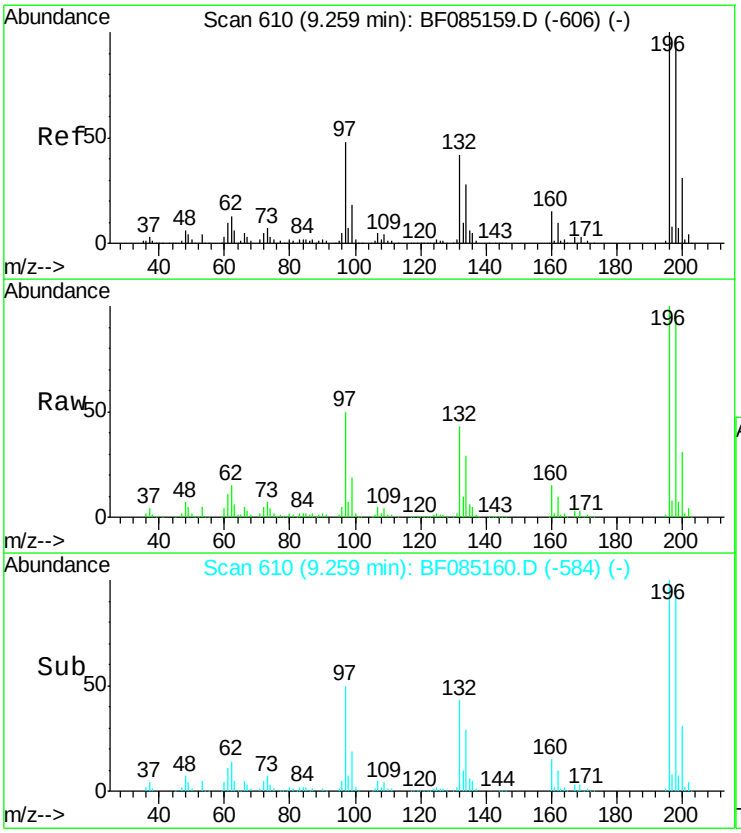
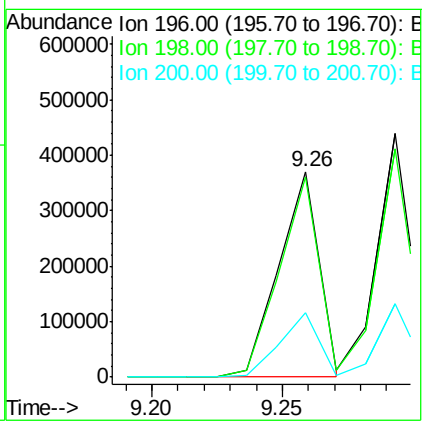
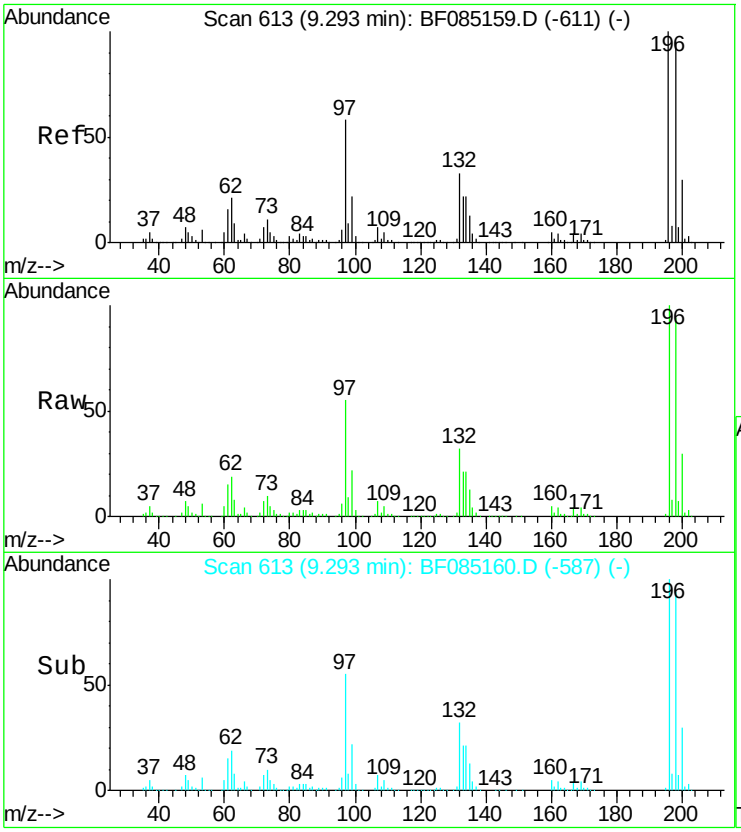


#42
2,4,6-Trichlorophenol
Concen: 51.25 ng
RT: 9.26 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:196 Resp: 396124

Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.8	116.6
200	31.4	25.0	37.6

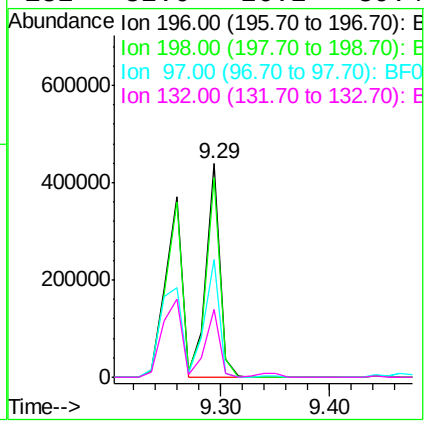




#43
2,4,5-Trichlorophenol
Concen: 53.03 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:196 Resp: 392509

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
97	55.3	46.4	69.6
132	32.0	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
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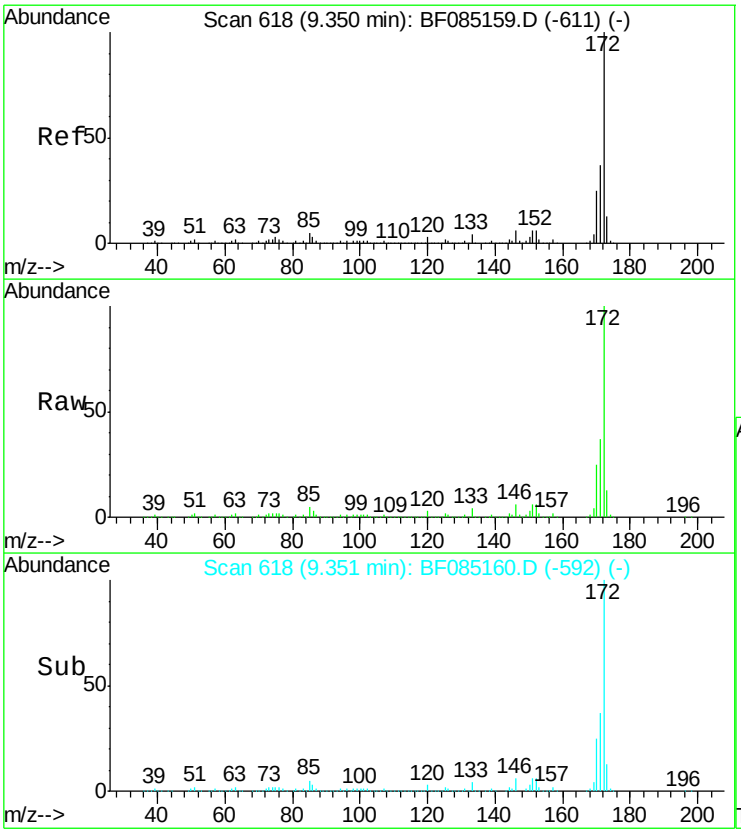
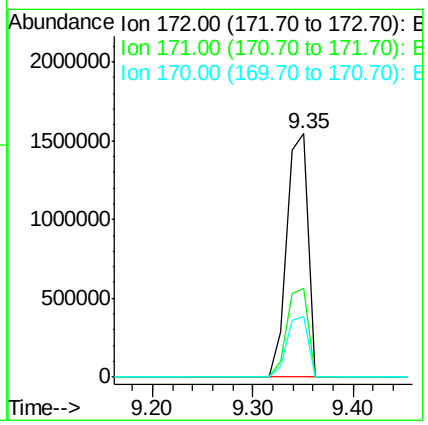
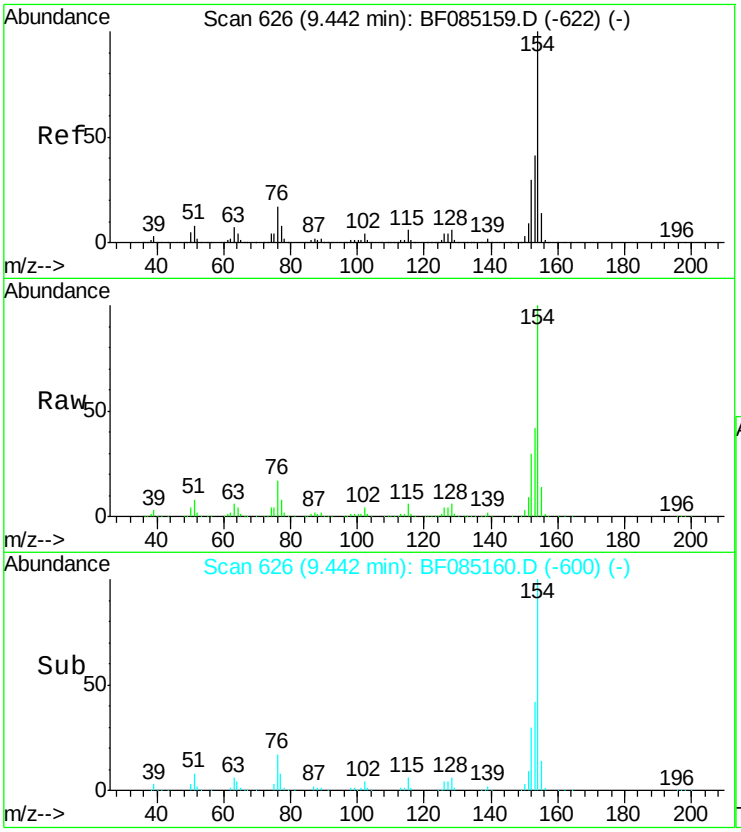


#44
2-Fluorobiphenyl
Concen: 89.10 ng
RT: 9.35 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:172 Resp: 2251539

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.8	20.0	30.0

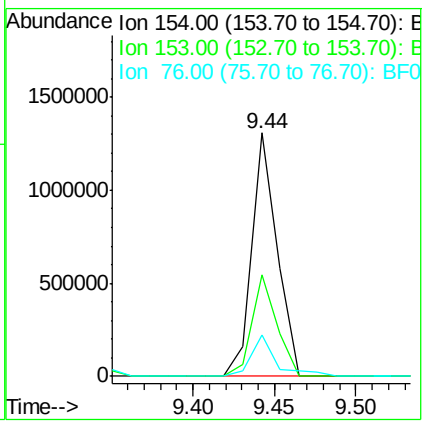




#45
1,1'-Biphenyl
Concen: 43.12 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:154 Resp: 1405988

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.4	61.4
76	17.0	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
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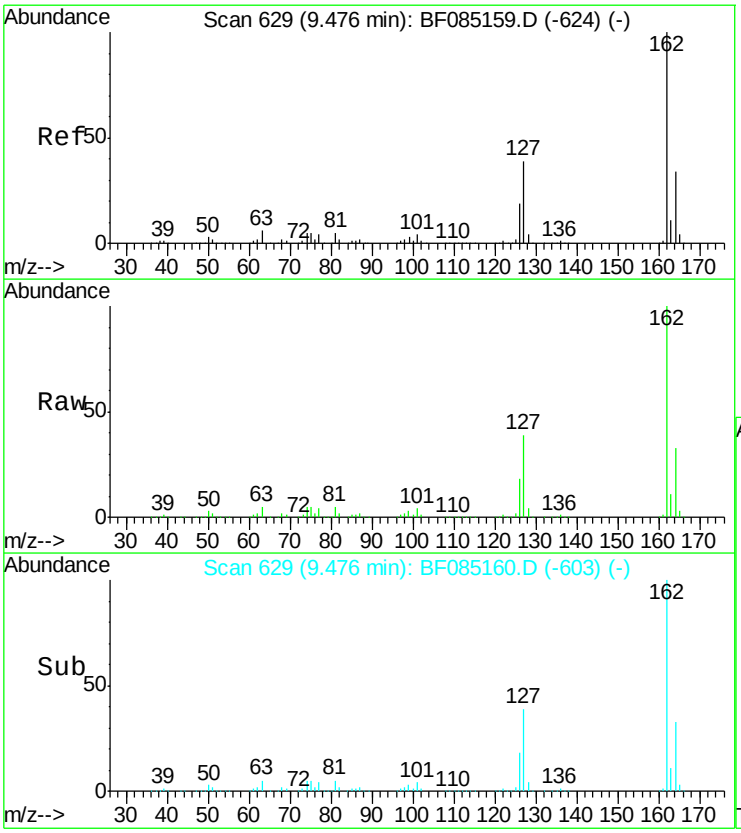
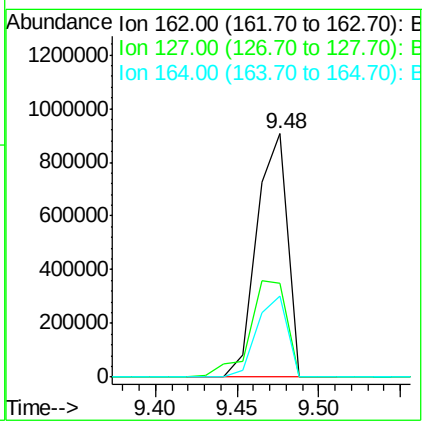
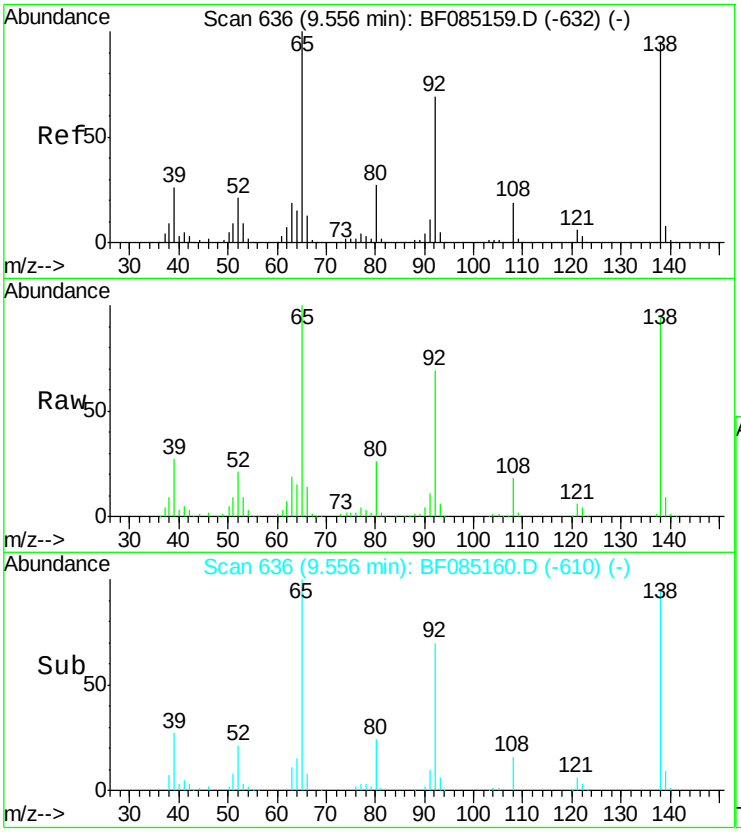


#46
2-Chloronaphthalene
Concen: 48.96 ng
RT: 9.48 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:162 Resp: 1178426

Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.6	47.4
164	33.1	27.1	40.7

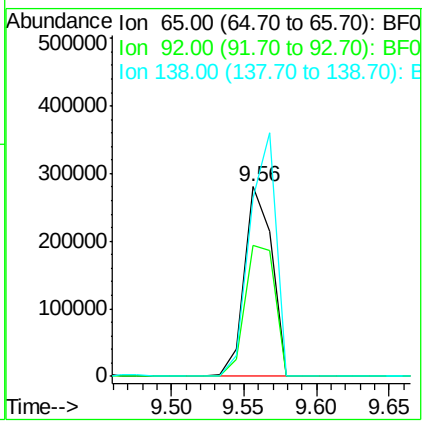




#47
2-Nitroaniline
Concen: 49.08 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 65 Resp: 369279

Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.4	83.2
138	94.2	75.7	113.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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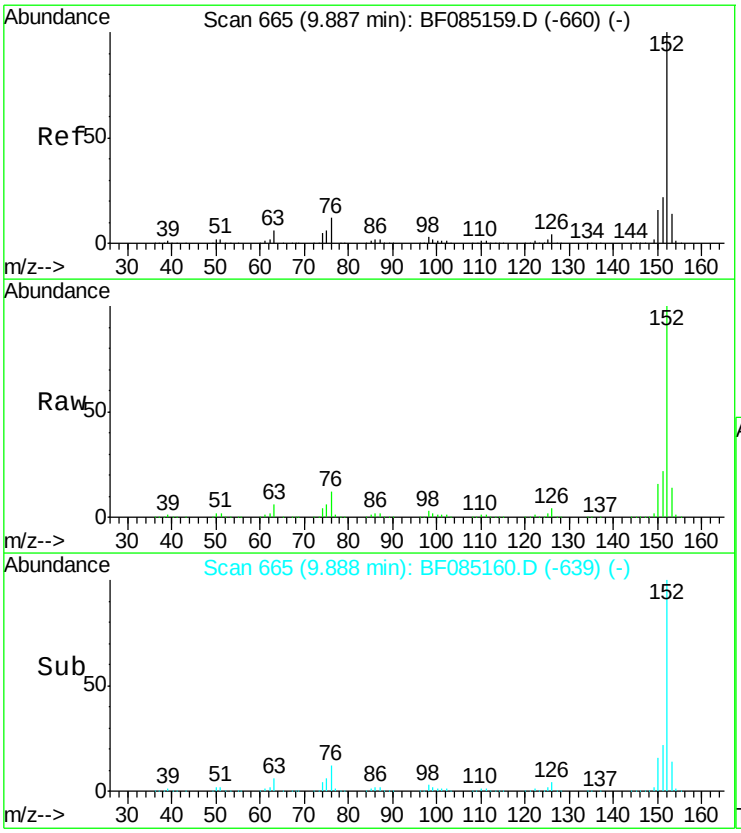
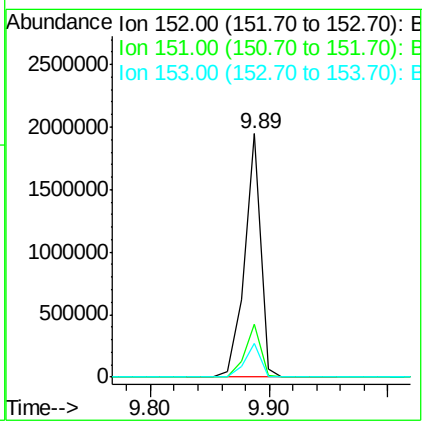
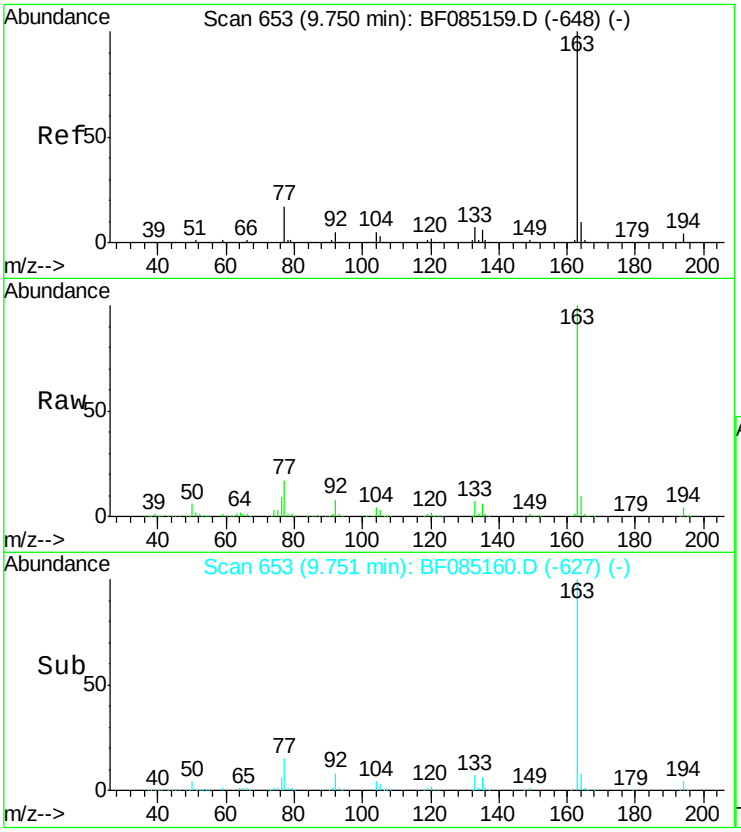


#48
Acenaphthylene
Concen: 50.60 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:152 Resp: 1835988

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.5	26.3
153	13.9	11.3	16.9

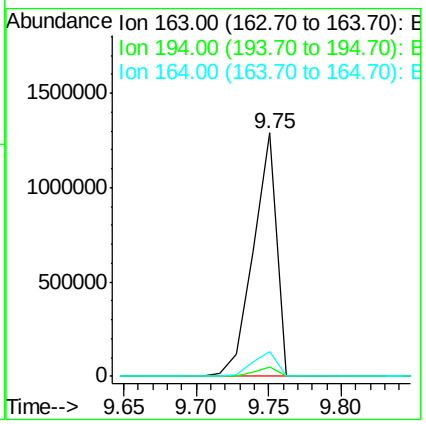




#49
Dimethylphthalate
Concen: 51.31 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:163 Resp: 1428652

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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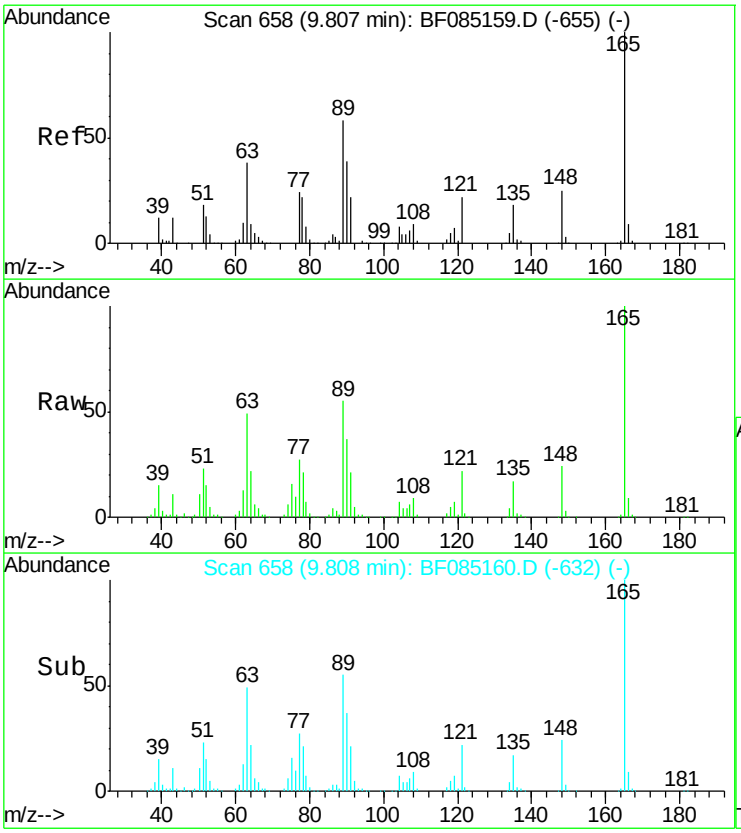
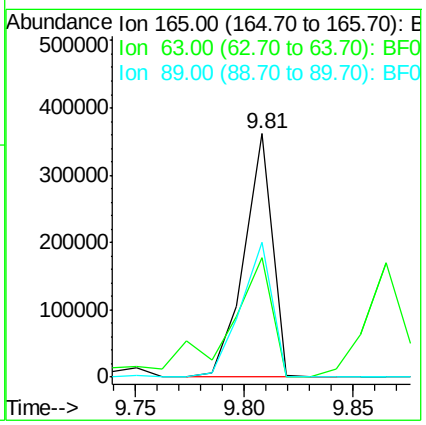
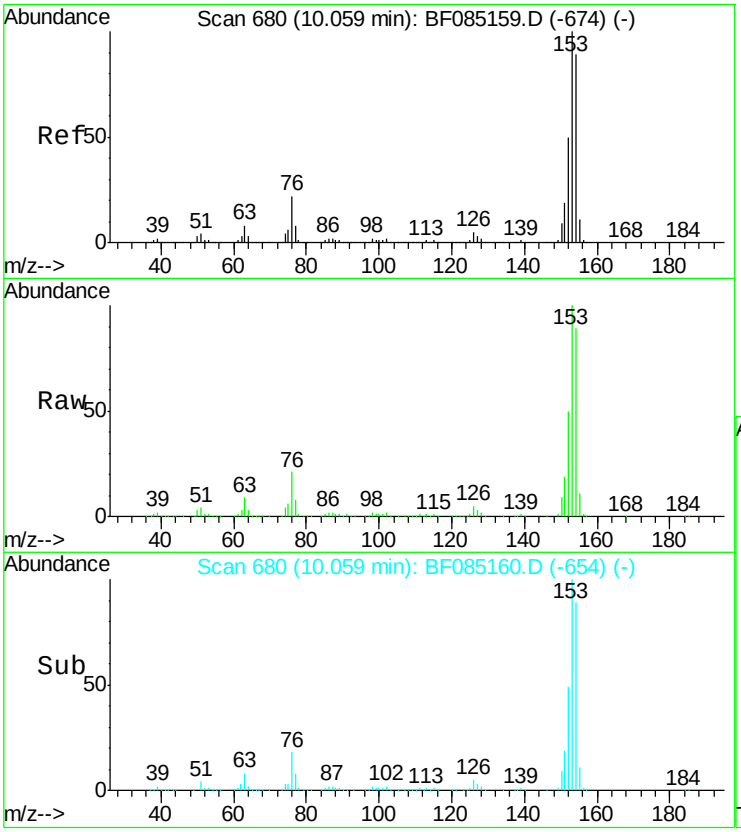


#50
2,6-Dinitrotoluene
Concen: 56.57 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:165 Resp: 326833

Ion	Ratio	Lower	Upper
165	100		
63	49.2	41.8	62.8
89	55.1	46.7	70.1

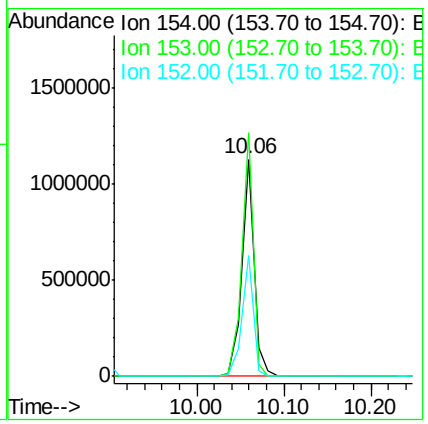




#51
Acenaphthene
Concen: 48.19 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:154 Resp: 1093703

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.8	134.8
152	55.5	44.6	66.8



Instrument :
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ClientSampleId :
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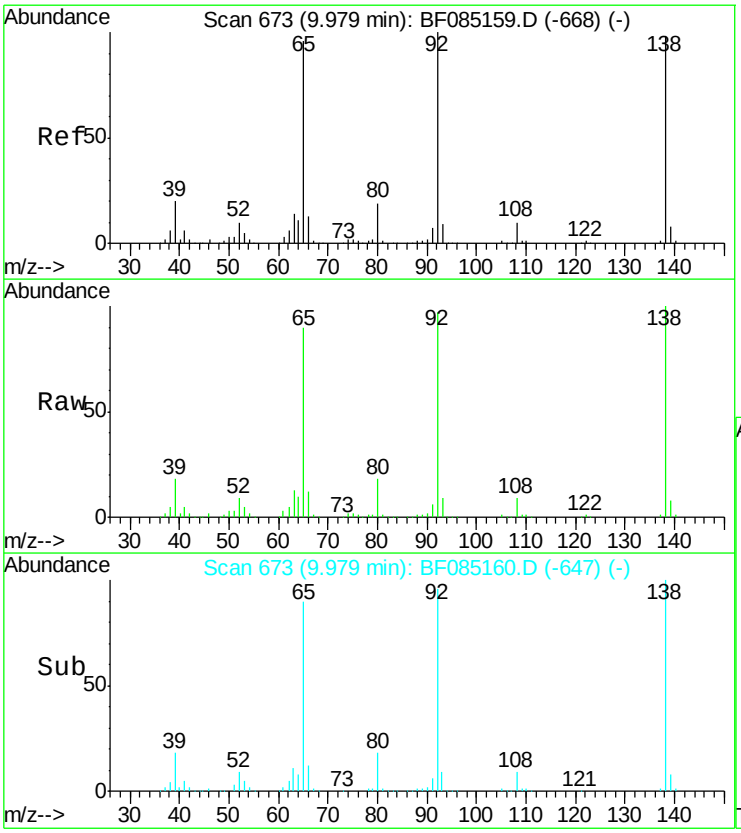
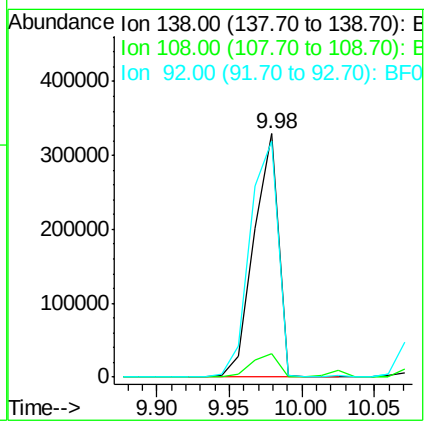
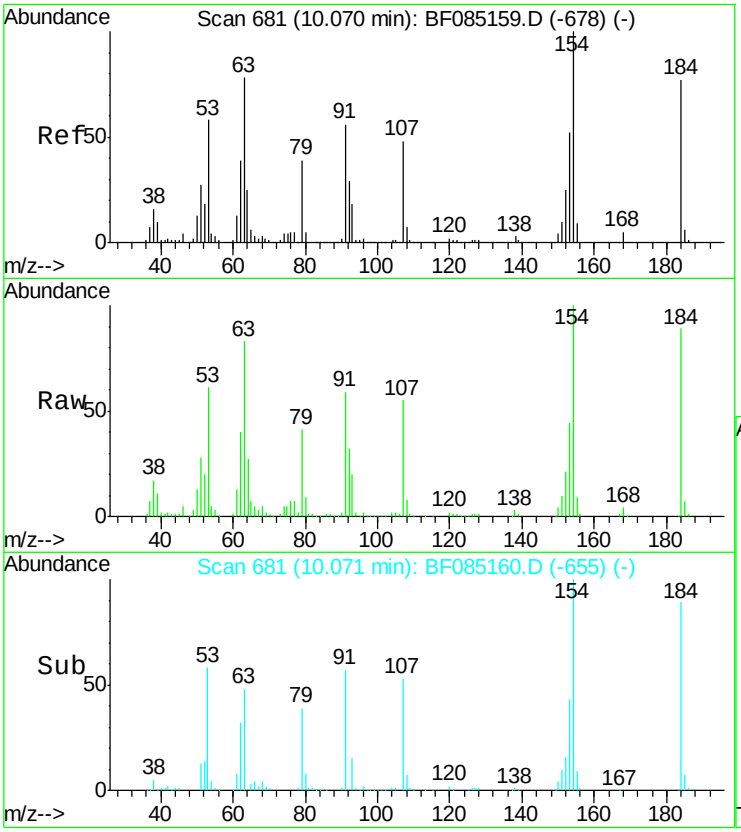


#52
3-Nitroaniline
Concen: 56.74 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:138 Resp: 387833

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	97.0	81.3	121.9

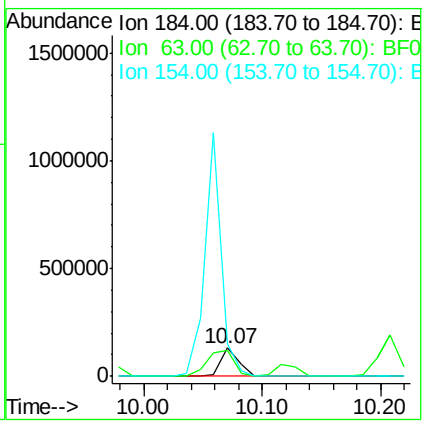




#53
2,4-Dinitrophenol
Concen: 70.76 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:184 Resp: 134277

Ion	Ratio	Lower	Upper
184	100		
63	93.9	82.2	123.4
154	112.8	108.9	163.3



Instrument :
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ClientSampleId :
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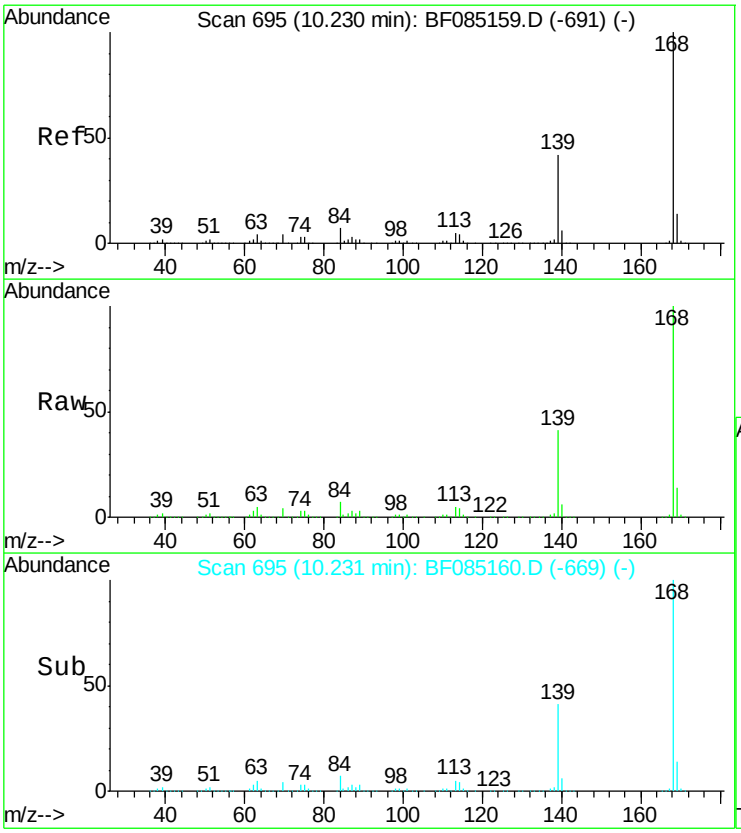
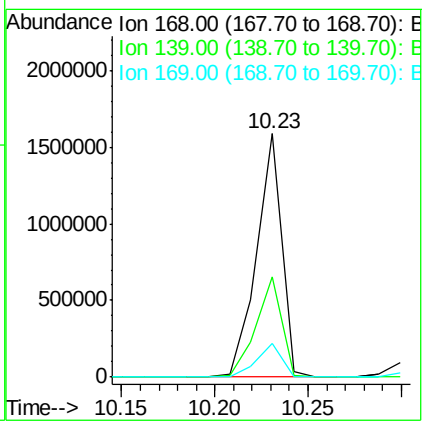
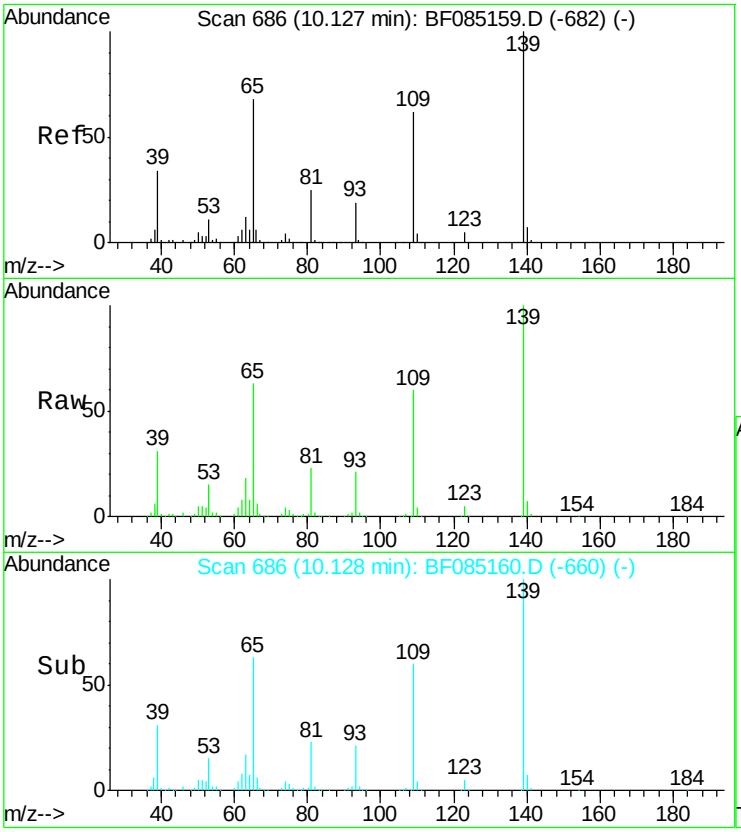


#54
Dibenzofuran
Concen: 49.98 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:168 Resp: 1476716

Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.6	50.4
169	13.8	11.2	16.8

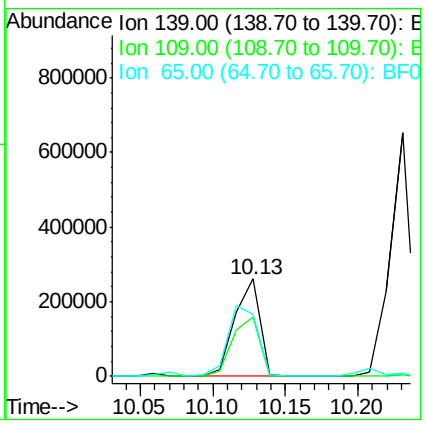




#55
4-Nitrophenol
Concen: 59.70 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:139 Resp: 316177

Ion	Ratio	Lower	Upper
139	100		
109	60.3	41.9	81.9
65	63.3	48.3	88.3



Instrument :
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ClientSampleId :
SSTDICC050

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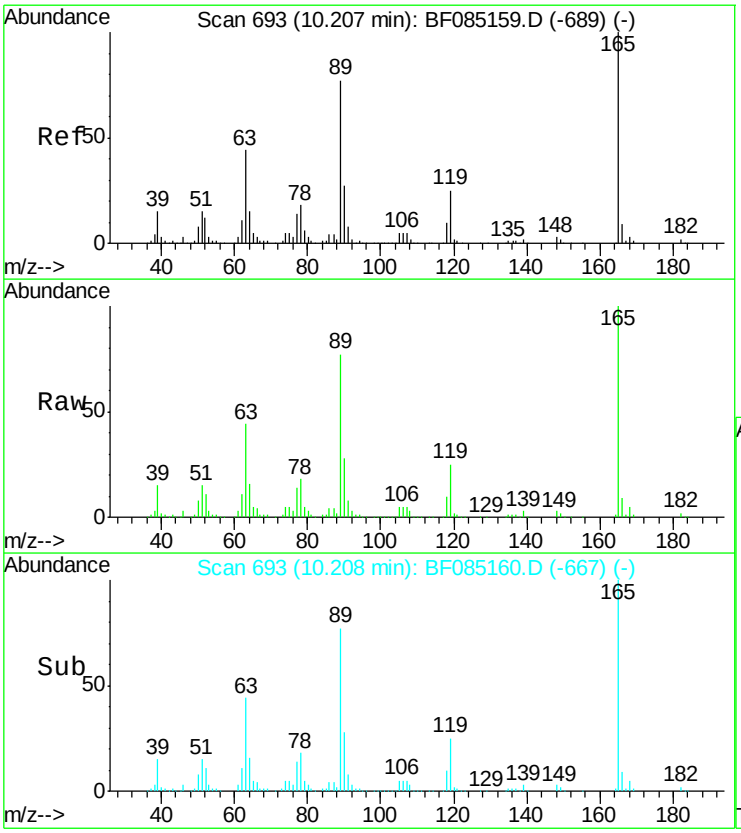
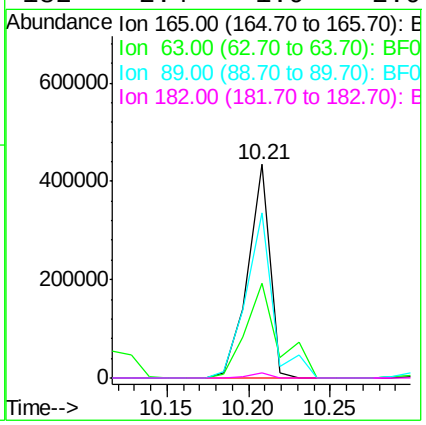
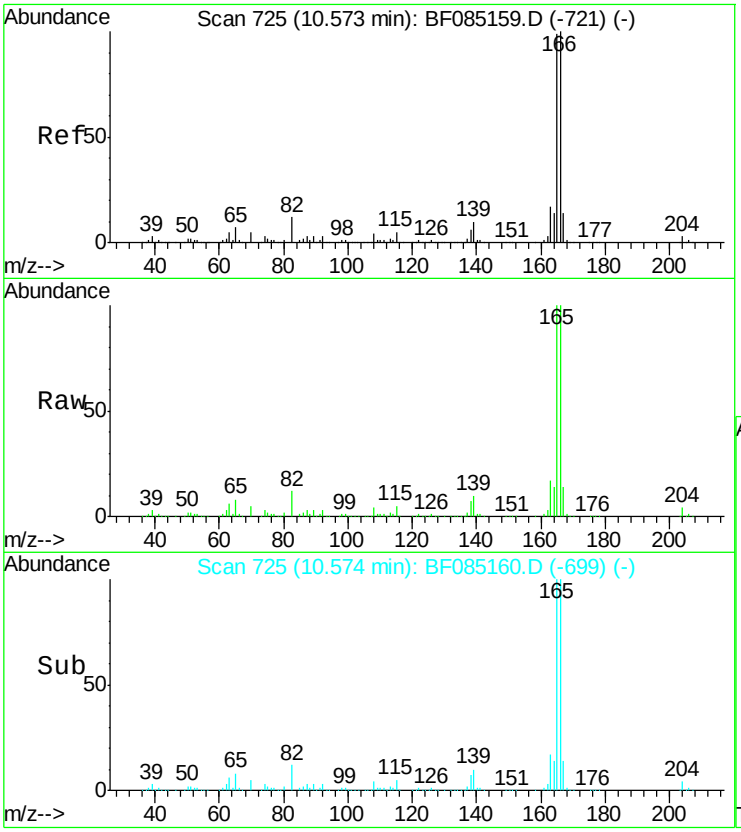


#56
2,4-Dinitrotoluene
Concen: 52.69 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:165 Resp: 409498

Ion	Ratio	Lower	Upper
165	100		
63	44.4	35.4	53.0
89	77.3	61.9	92.9
182	2.4	1.9	2.9

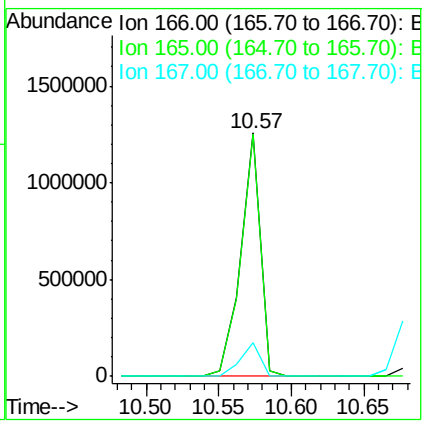




#57
Fluorene
Concen: 50.69 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:166 Resp: 1180745

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.0
167	13.8	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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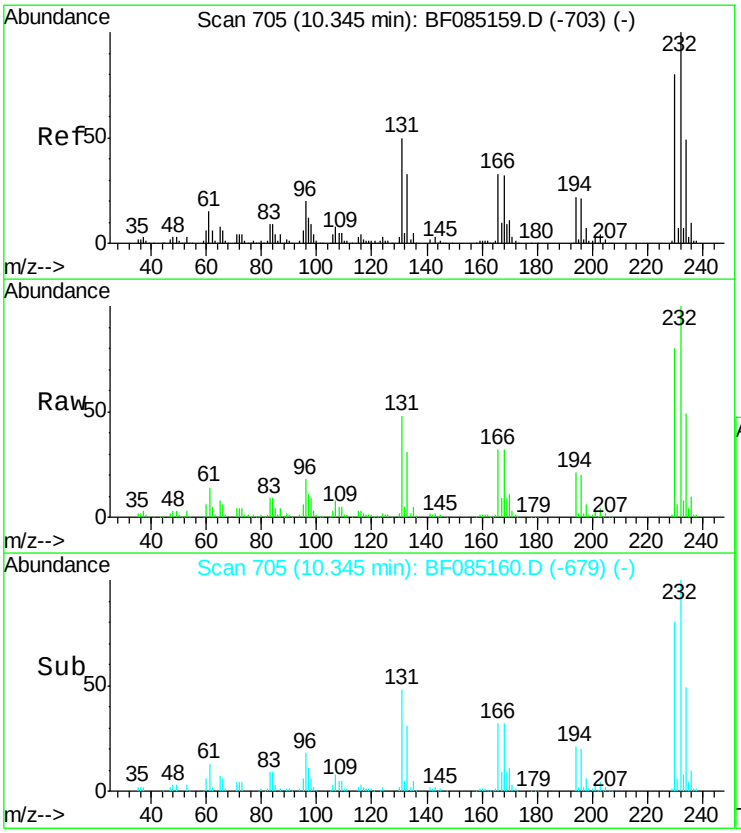
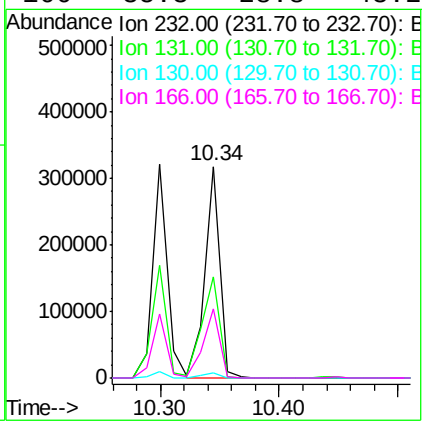
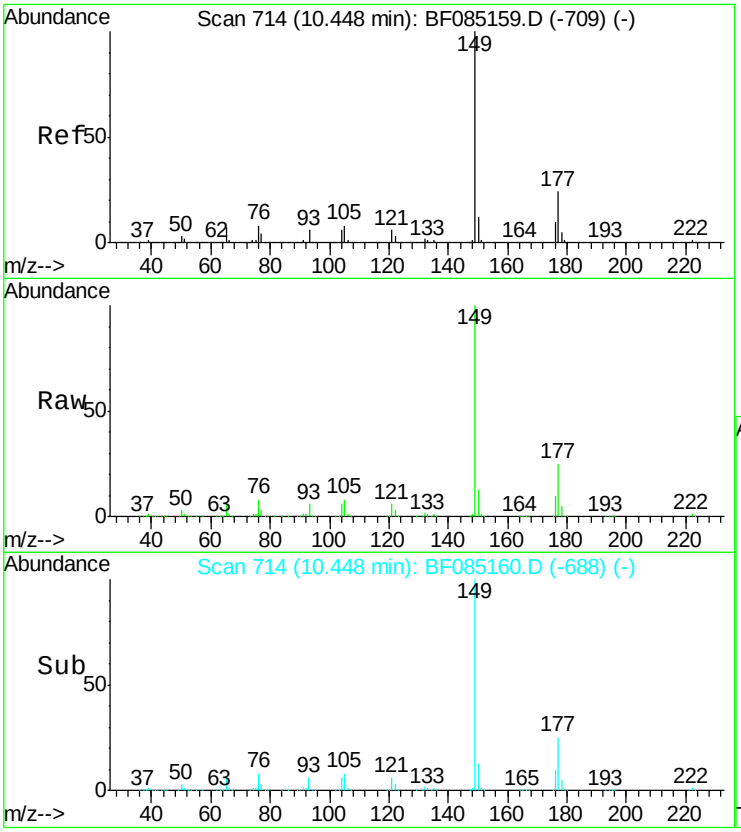


#58
2,3,4,6-Tetrachlorophenol
Concen: 50.65 ng
RT: 10.34 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:232 Resp: 279953

Ion	Ratio	Lower	Upper
232	100		
131	56.5	46.0	69.0
130	2.7	2.2	3.4
166	35.3	28.8	43.2

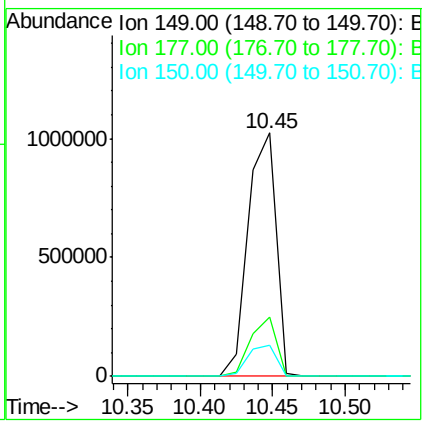




#59
Diethylphthalate
Concen: 51.80 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:149 Resp: 1373517

Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.2	28.8
150	12.7	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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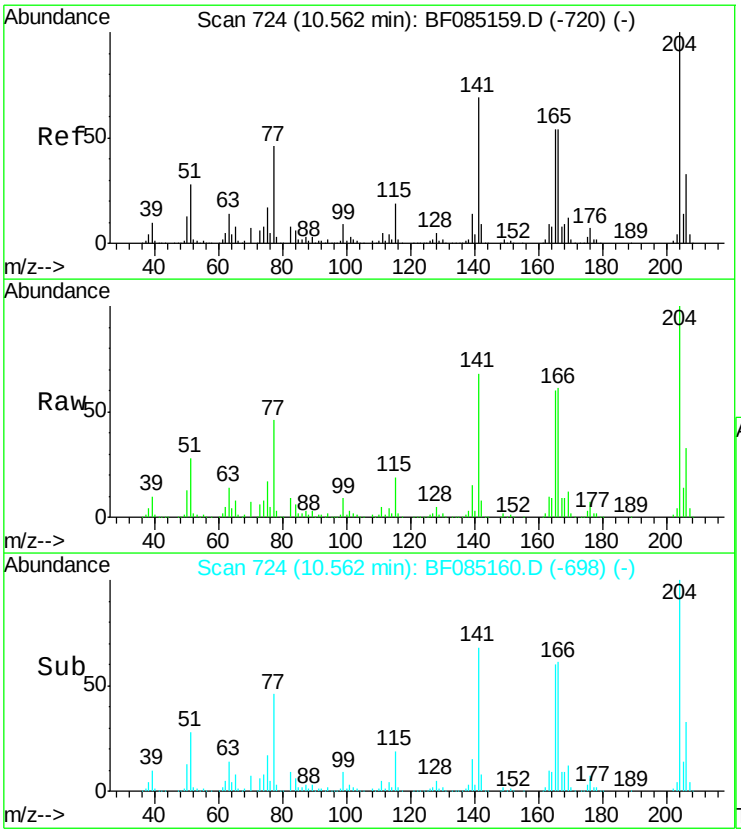
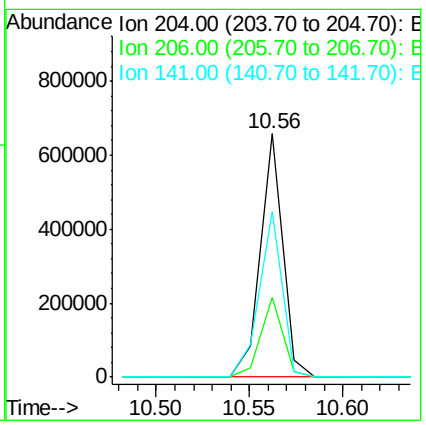
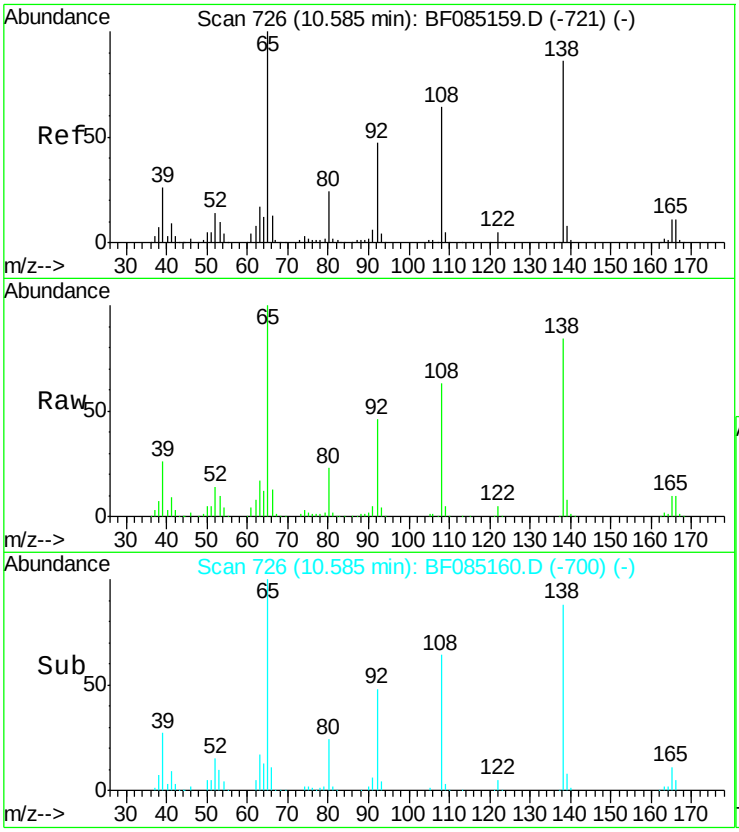


#60
4-Chlorophenyl-phenylether
Concen: 45.43 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:204 Resp: 540571

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	67.9	55.4	83.2

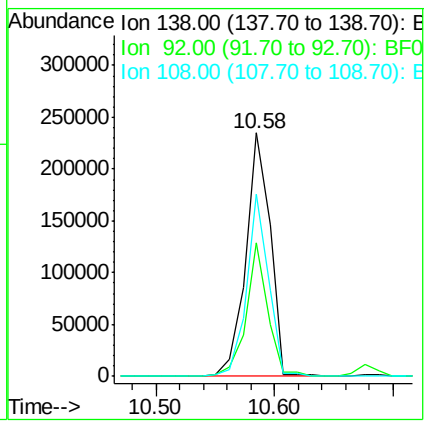




#61
4-Nitroaniline
Concen: 53.01 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:138 Resp: 336816

Ion	Ratio	Lower	Upper
138	100		
92	55.0	34.2	74.2
108	74.8	53.9	93.9



Instrument :
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ClientSampleId :
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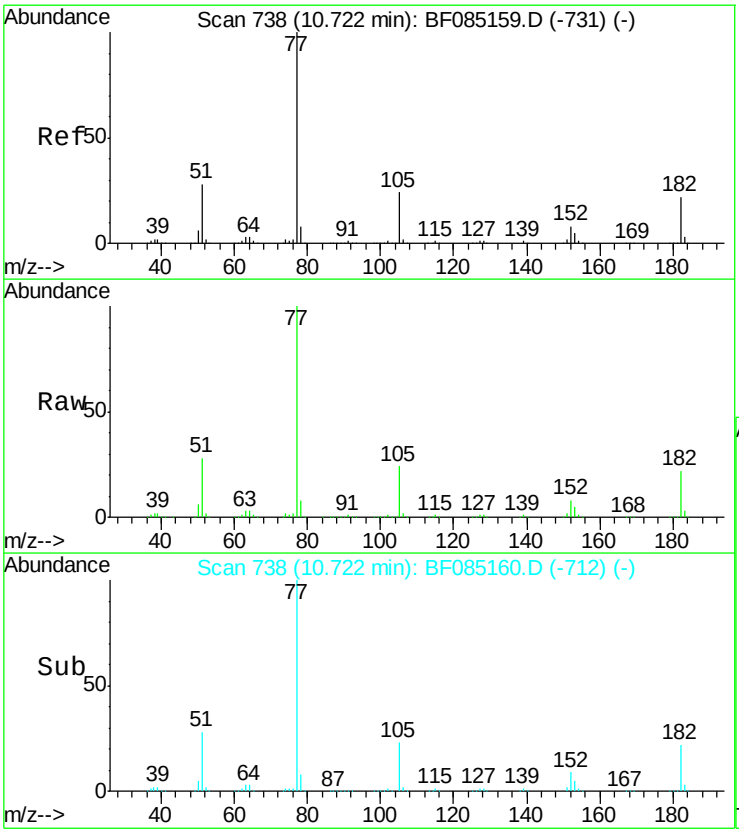
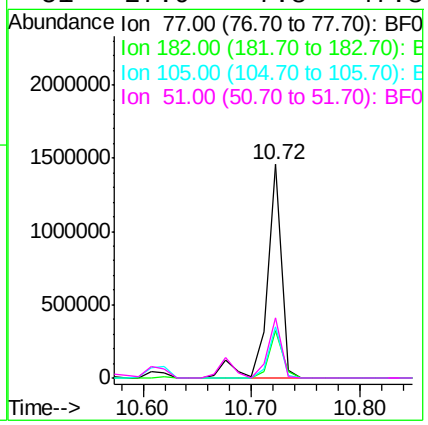
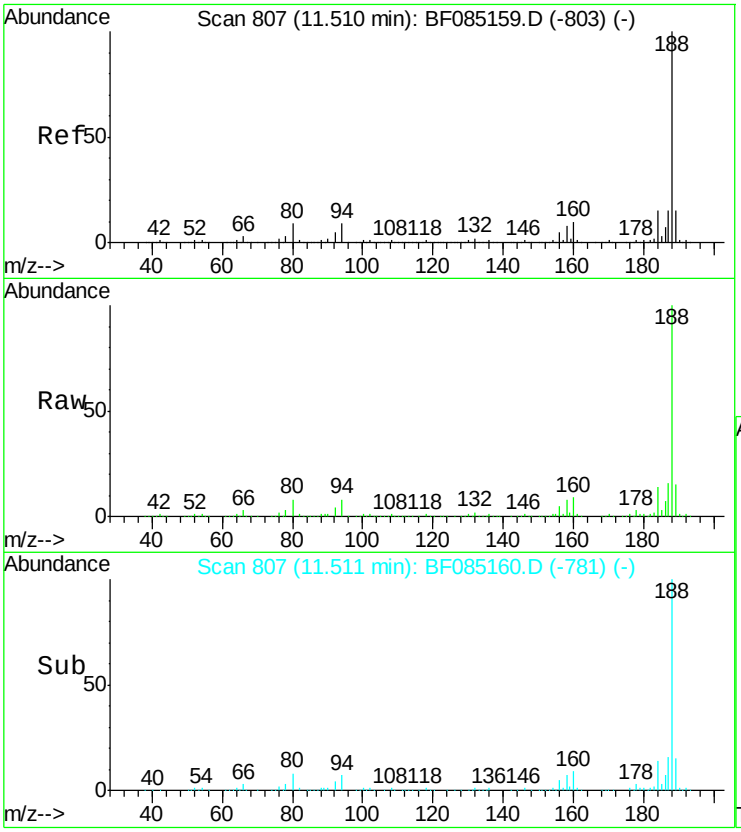


#62
Azobenzene
Concen: 51.67 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion: 77 Resp: 1388361

Ion	Ratio	Lower	Upper
77	100		
182	22.1	2.1	42.1
105	23.8	3.8	43.8
51	27.9	7.8	47.8

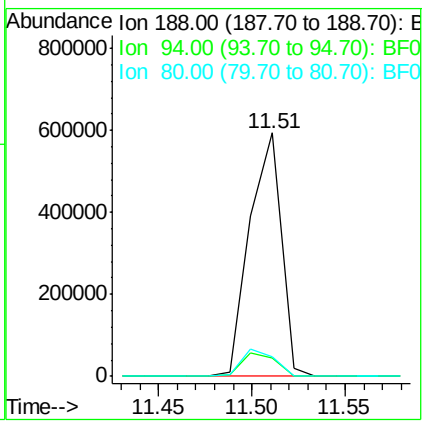




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:188 Resp: 697705

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	8.2	7.4	11.0



Instrument :
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ClientSampleId :
SSTDICC050

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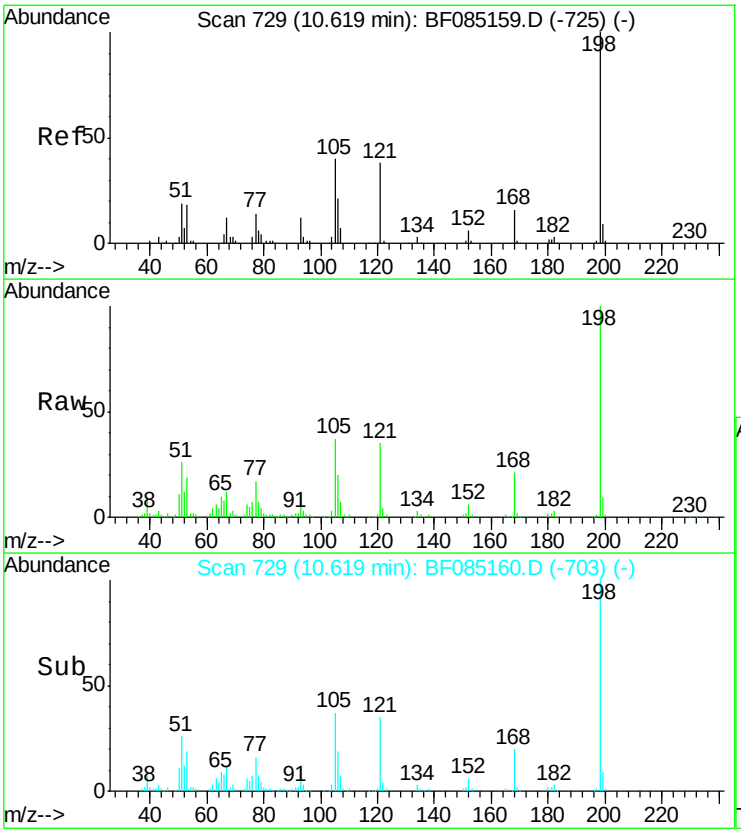
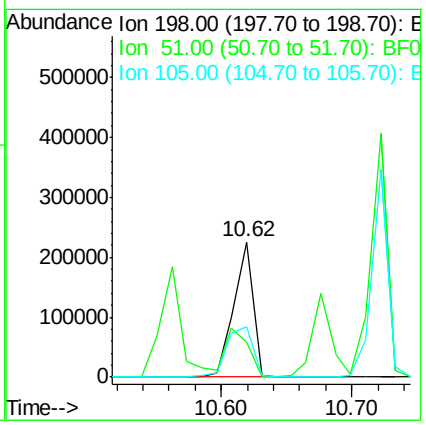
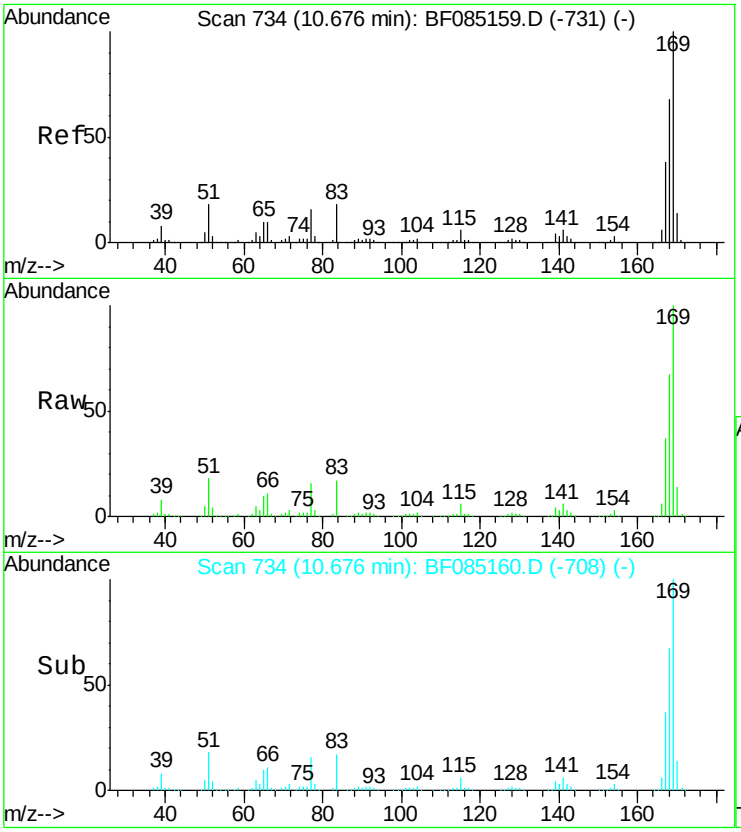


#64
4,6-Dinitro-2-methylphenol
Concen: 65.36 ng
RT: 10.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:198 Resp: 231281

Ion	Ratio	Lower	Upper
198	100		
51	26.0	9.5	49.5
105	36.8	20.5	60.5

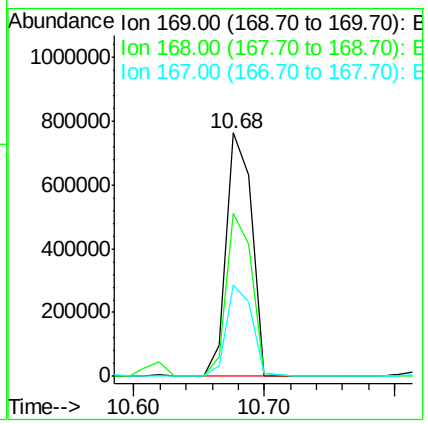




#65
n-Nitrosodiphenylamine
Concen: 47.20 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:169 Resp: 1027094

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.8	82.2
167	37.4	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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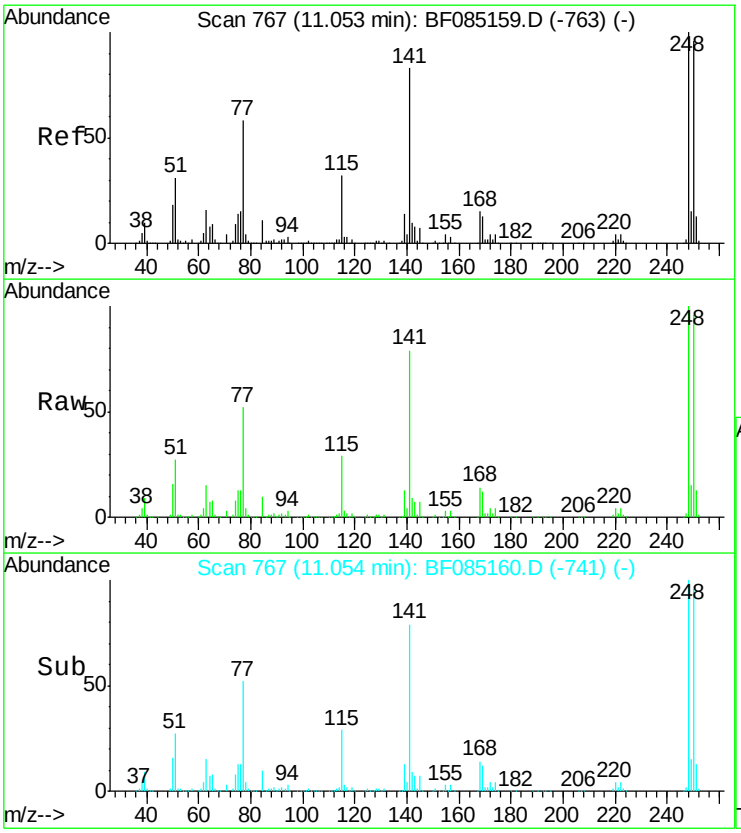
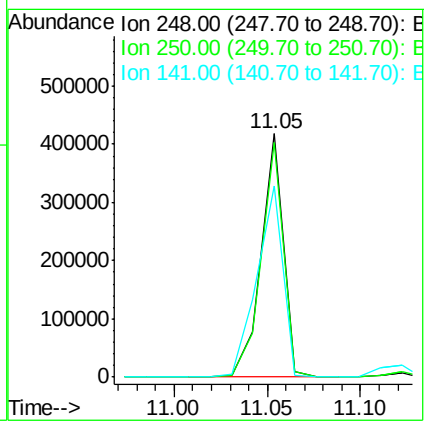
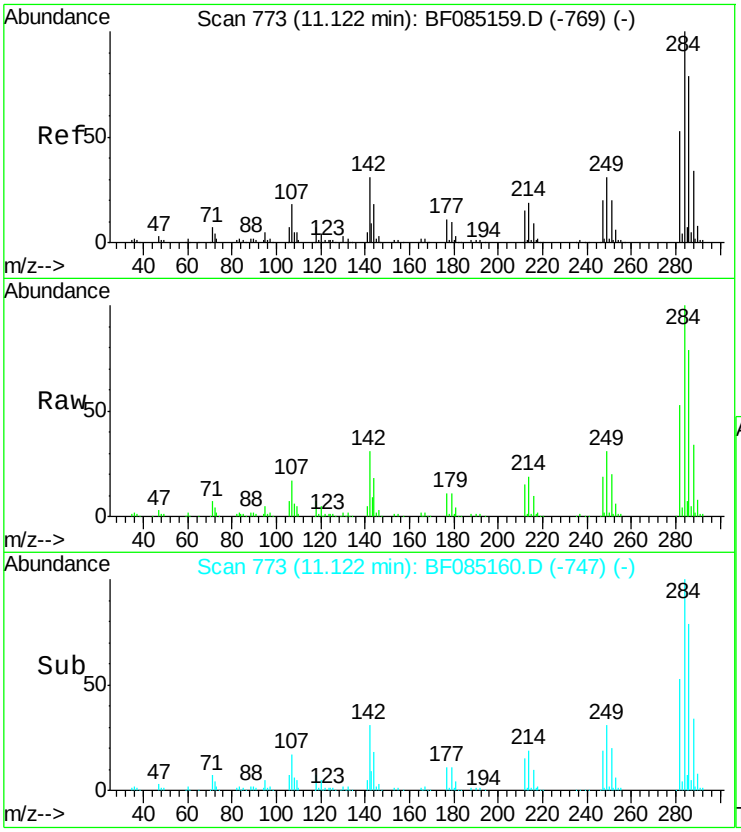


#66
4-Bromophenyl-phenylether
Concen: 47.69 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:248 Resp: 349219

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.1	115.7
141	78.6	66.2	99.2

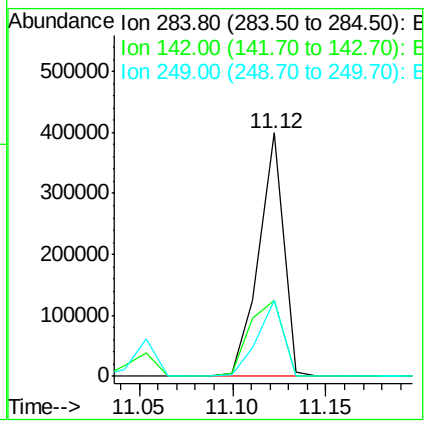




#67
Hexachlorobenzene
Concen: 45.05 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:284 Resp: 366729

Ion	Ratio	Lower	Upper
284	100		
142	31.3	24.9	37.3
249	31.2	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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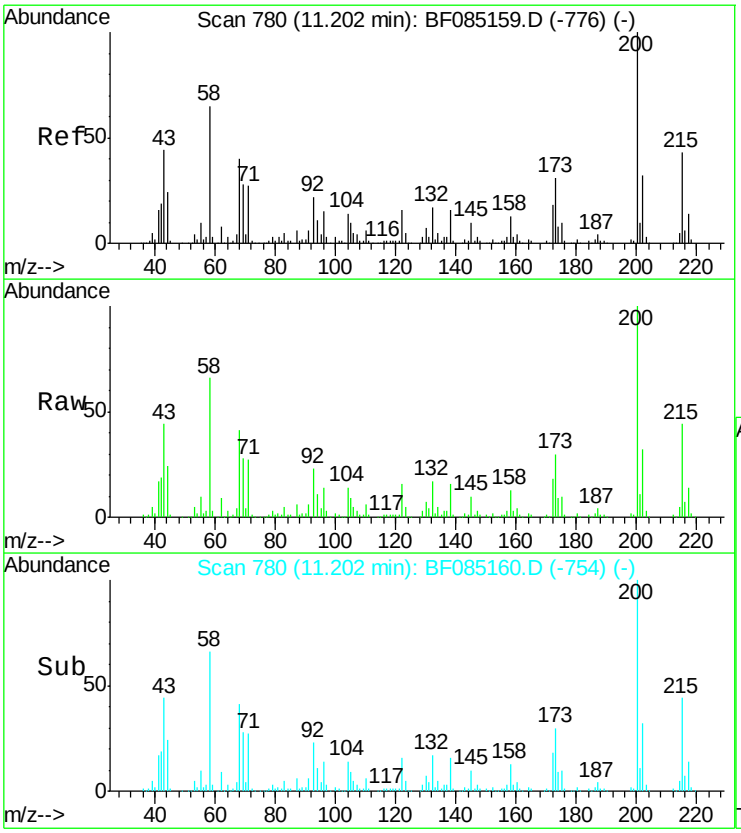
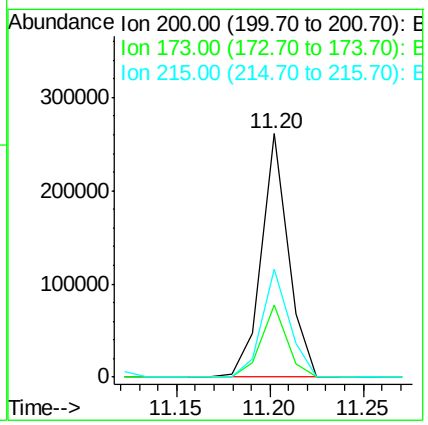
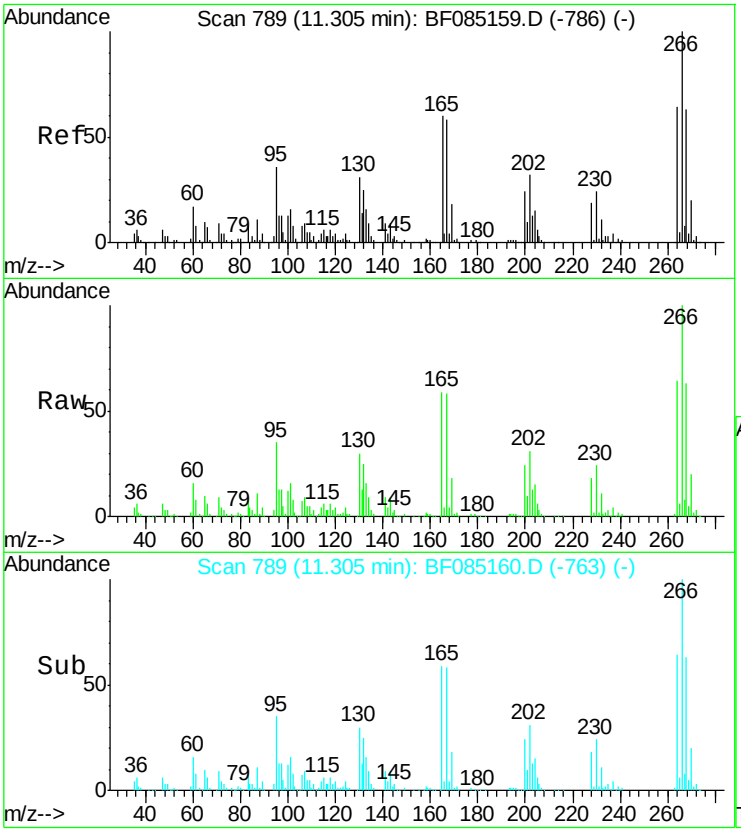


#68
Atrazine
Concen: 39.56 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:200 Resp: 259428

Ion	Ratio	Lower	Upper
200	100		
173	29.8	10.5	50.5
215	44.1	23.4	63.4

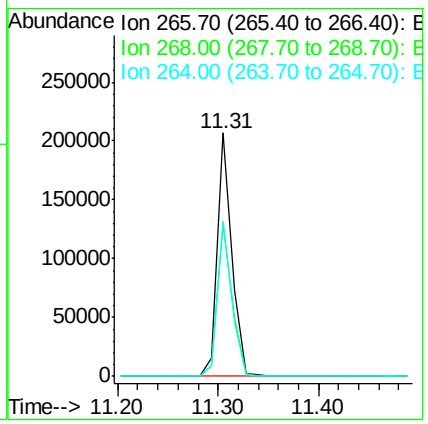




#69
Pentachlorophenol
Concen: 43.96 ng
RT: 11.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:266 Resp: 207462

Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.0	75.0
264	63.7	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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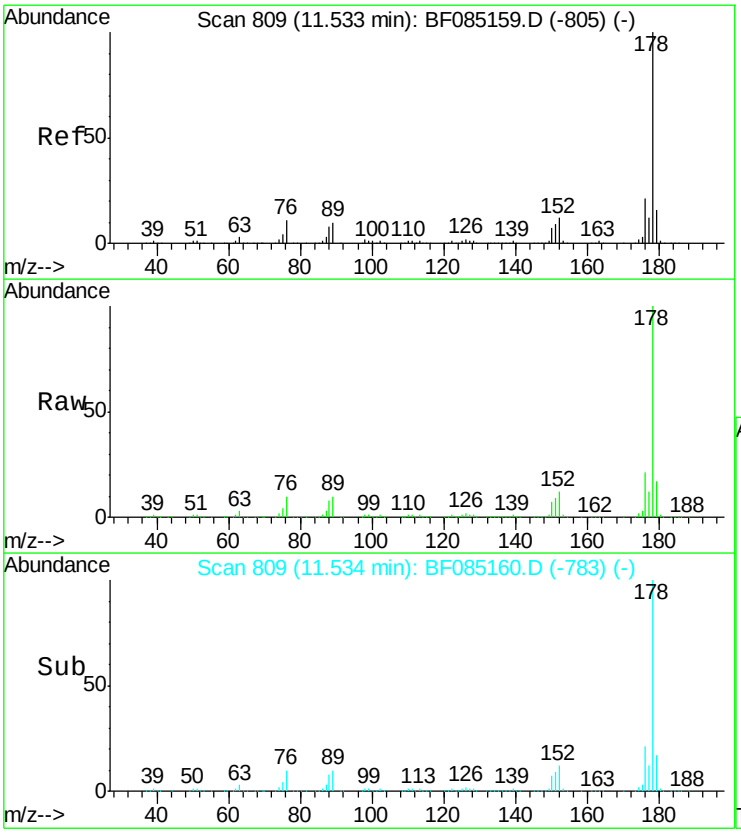
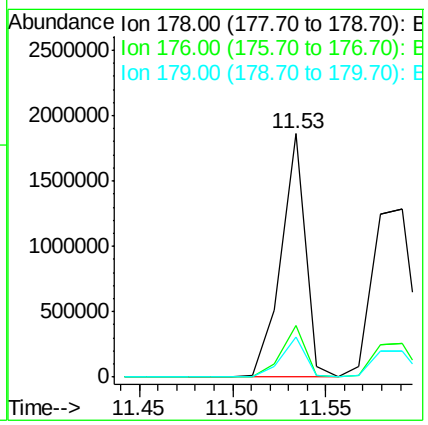
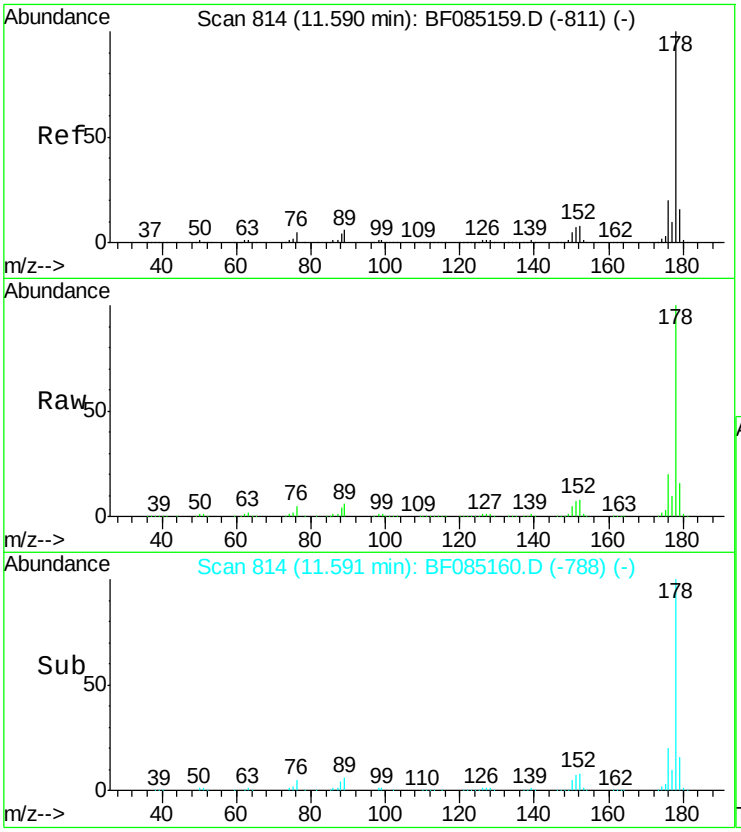


#70
Phenanthrene
Concen: 48.54 ng
RT: 11.53 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:178 Resp: 1700808

Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.8	25.2
179	16.5	13.1	19.7

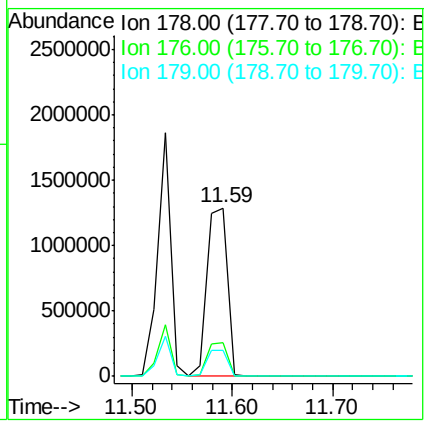




#71
Anthracene
Concen: 46.57 ng
RT: 11.59 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:178 Resp: 1806837

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.7	12.5	18.7



Instrument :
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ClientSampleId :
SSTDICC050

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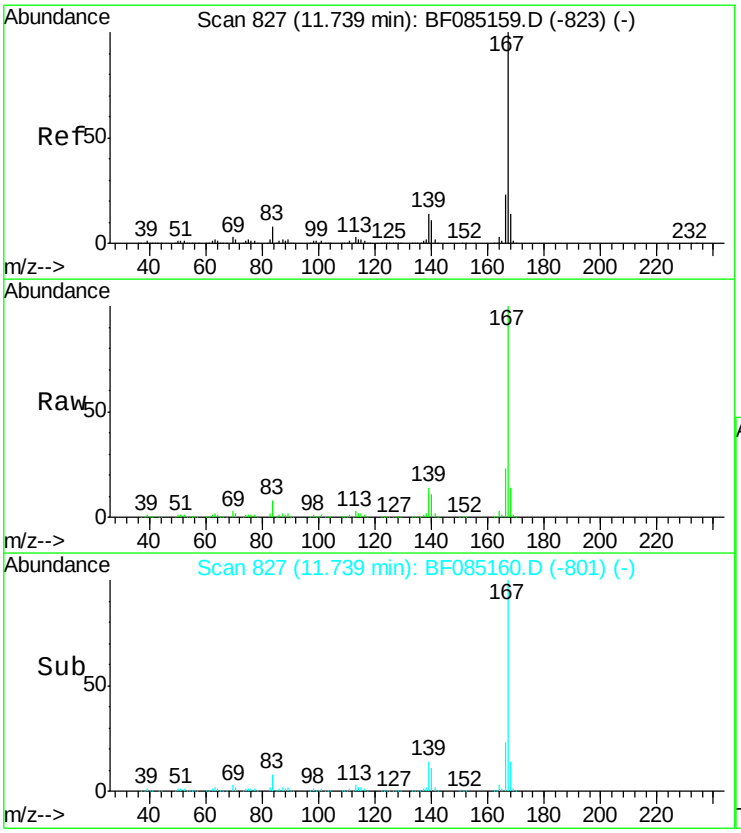
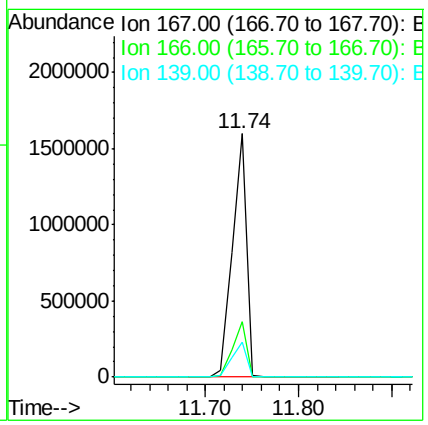
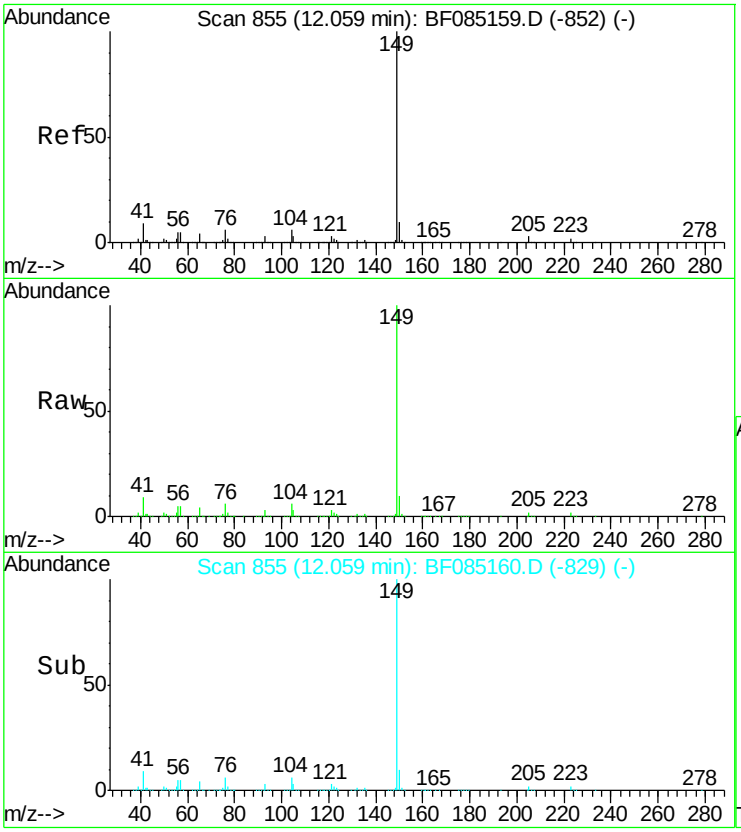


#72
Carbazole
Concen: 50.16 ng
RT: 11.74 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:167 Resp: 1701705

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	14.3	11.4	17.0

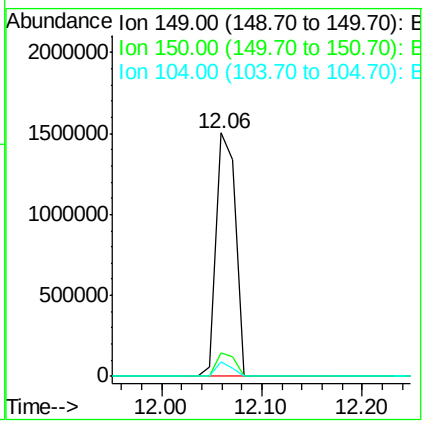




#73
Di-n-butylphthalate
Concen: 49.62 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:149 Resp: 1996370

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.8	4.7	7.1



Instrument :
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ClientSampleId :
SSTDICC050

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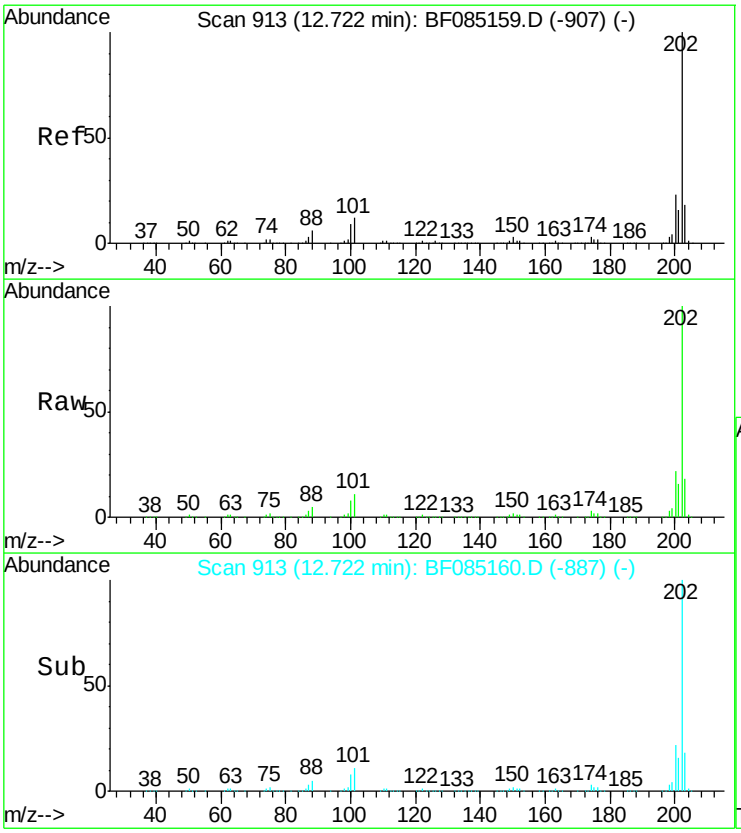
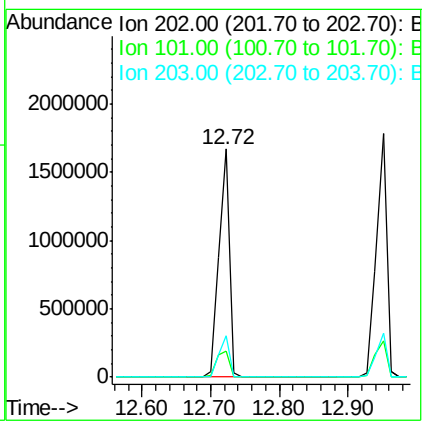
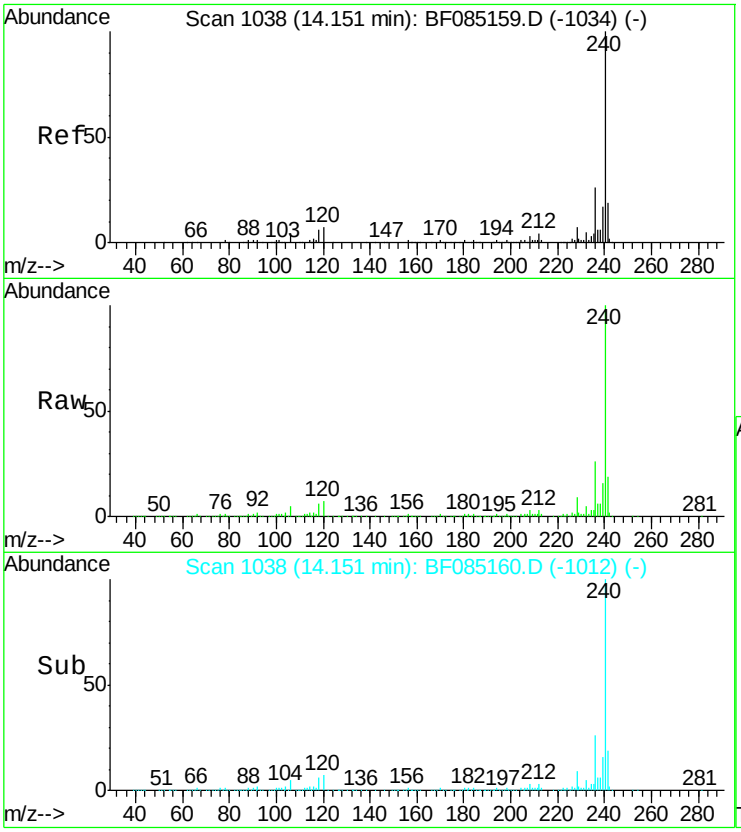


#74
Fluoranthene
Concen: 47.62 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:202 Resp: 1805597

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.8
203	18.1	0.0	38.4

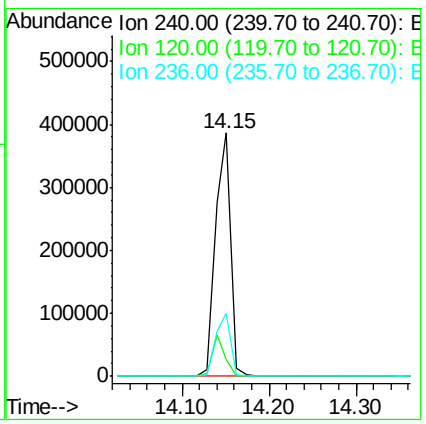




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:240 Resp: 476574

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	26.1	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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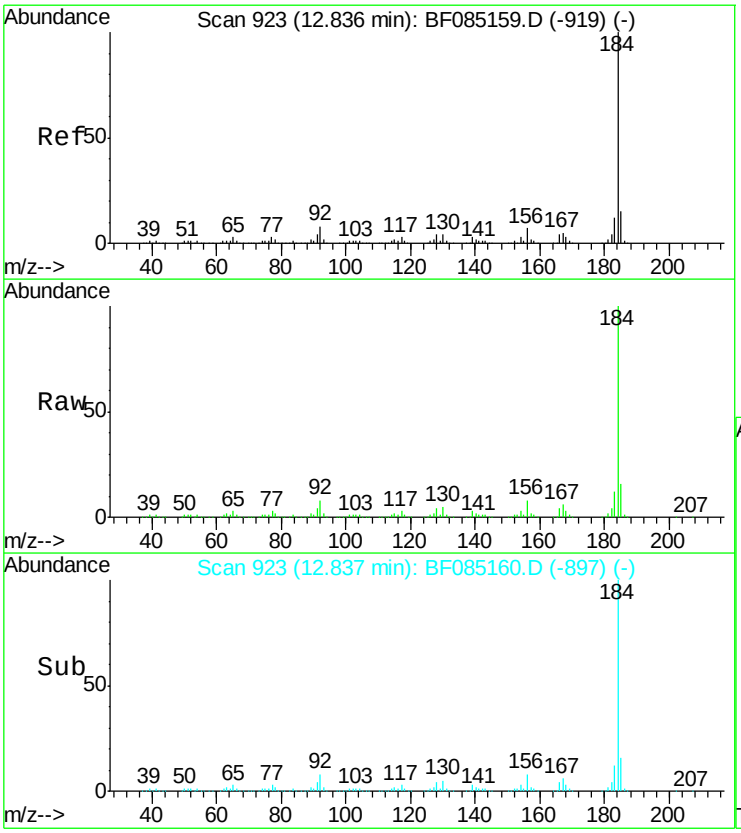
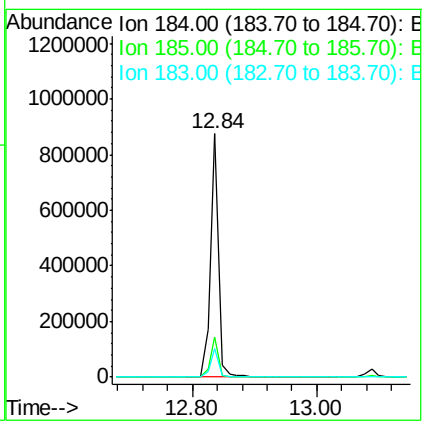
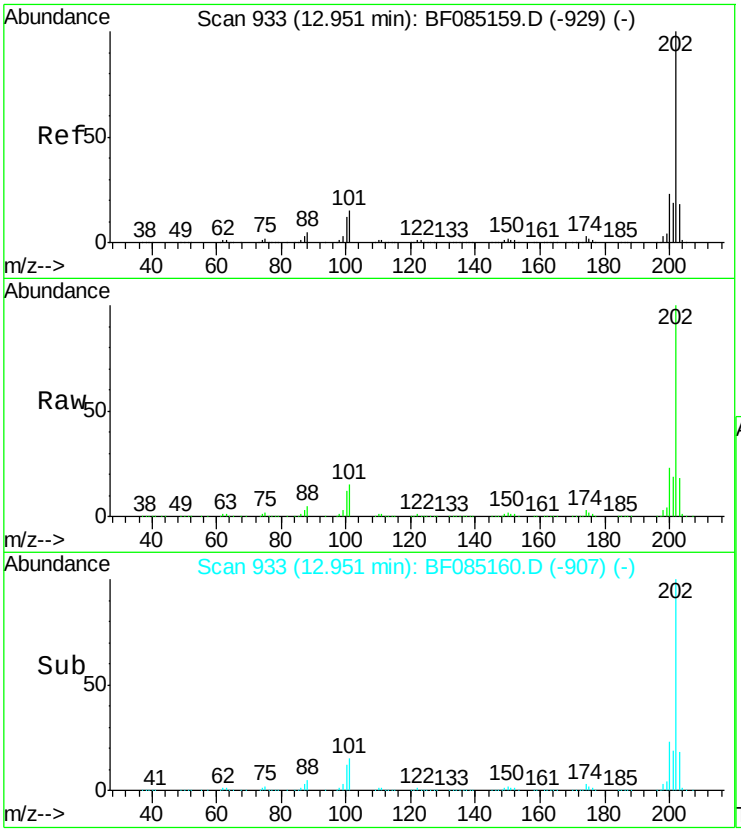


#76
Benzidine
Concen: 51.40 ng
RT: 12.84 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:184 Resp: 774200

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.4	18.6
183	11.7	9.4	14.2

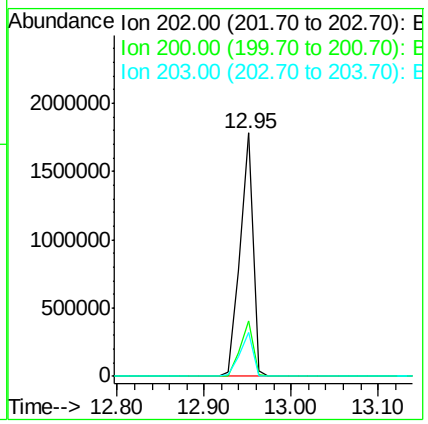




#77
Pyrene
Concen: 53.49 ng
RT: 12.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:202 Resp: 1815579

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.4
203	18.3	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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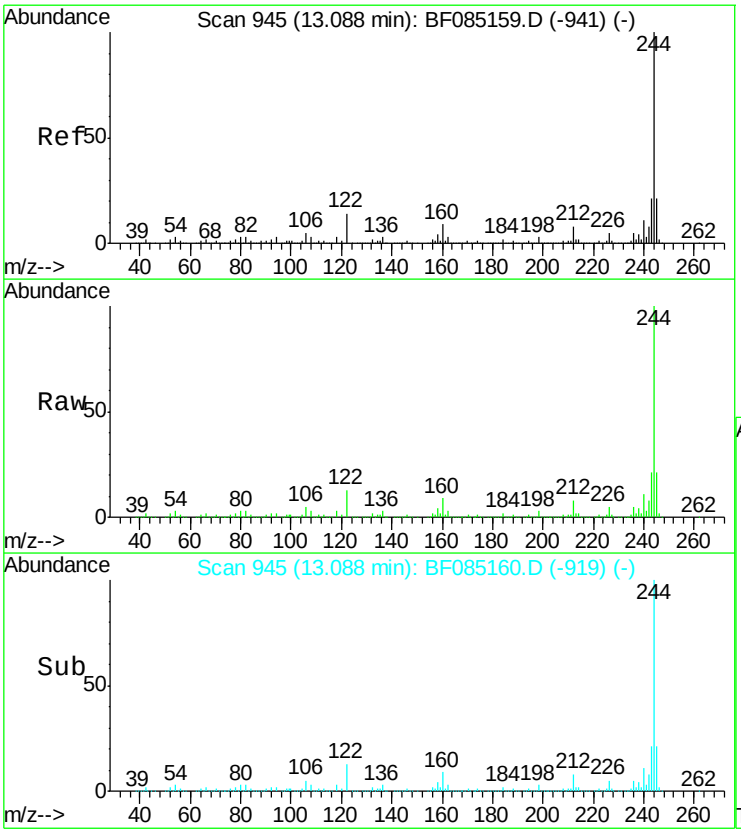
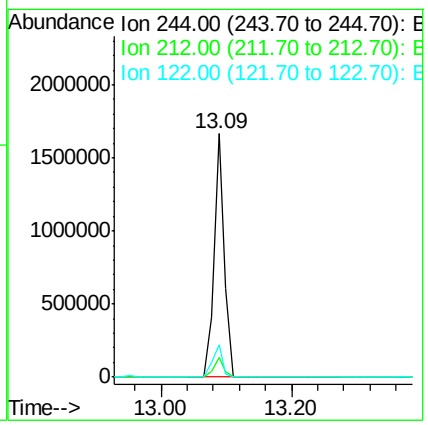
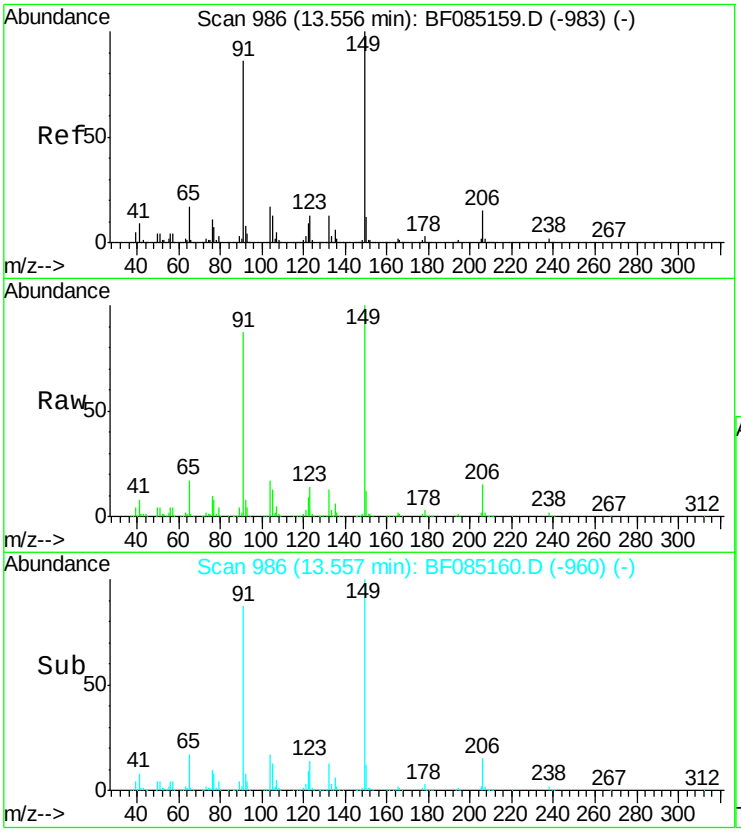


#78
Terphenyl-d14
Concen: 90.92 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:244 Resp: 1856611

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	13.5	11.4	17.2

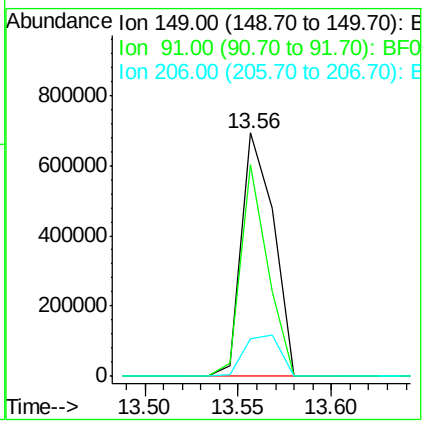




#79
Butylbenzylphthalate
Concen: 57.80 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:149 Resp: 827344

Ion	Ratio	Lower	Upper
149	100		
91	86.8	69.0	103.4
206	15.3	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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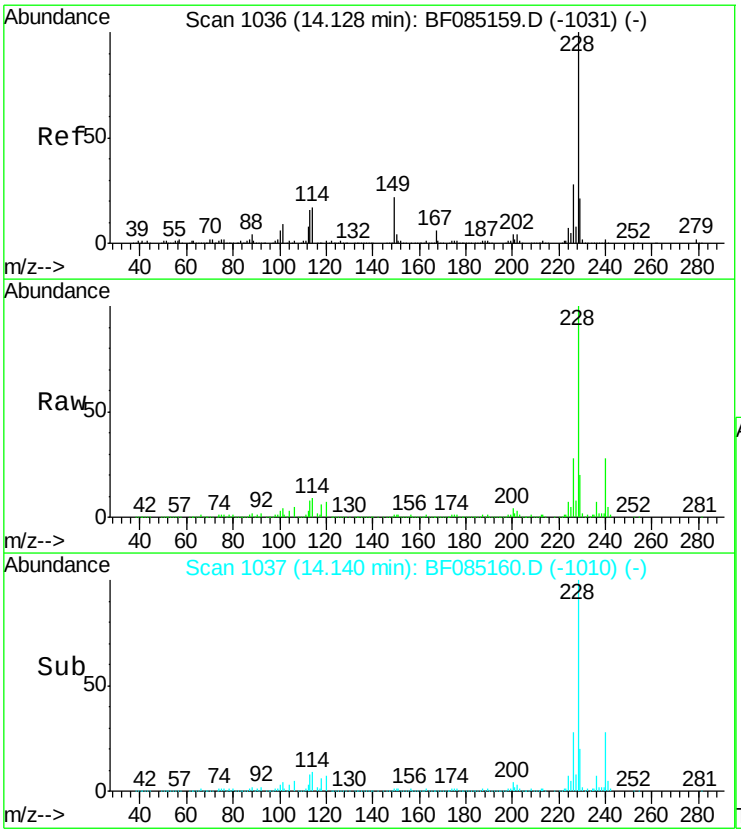
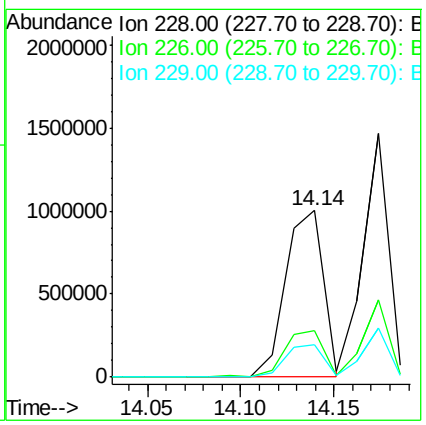
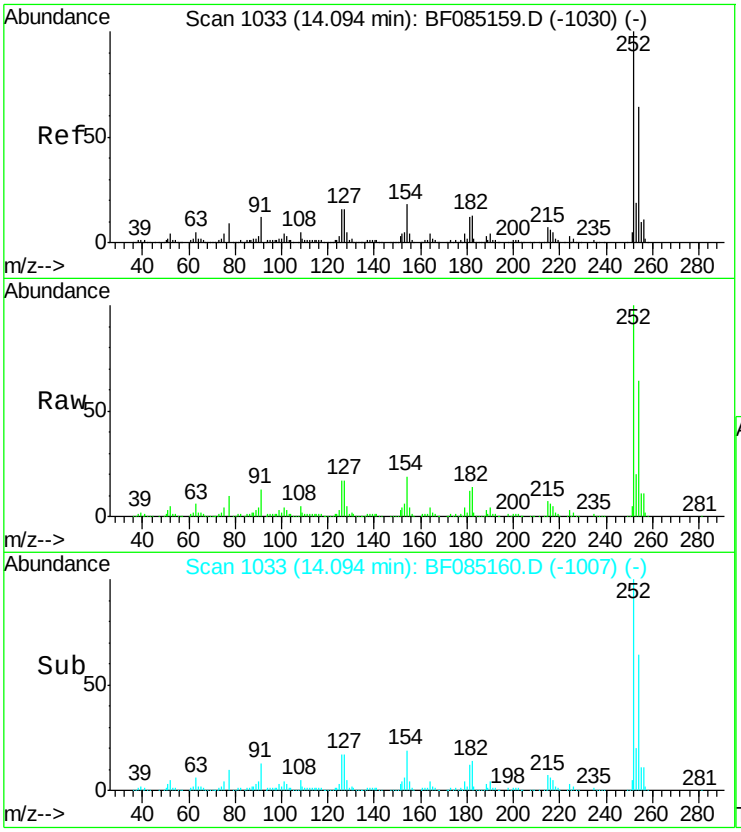


#80
Benzo(a)anthracene
Concen: 50.68 ng
RT: 14.14 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:228 Resp: 1420531

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.8	34.2
229	19.8	16.6	24.8

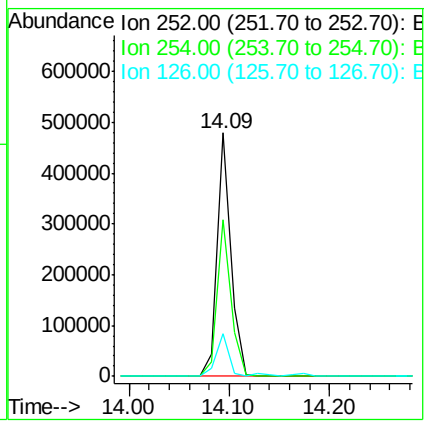




#81
3,3'-Dichlorobenzidine
Concen: 51.99 ng
RT: 14.09 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:252 Resp: 456575

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	17.3	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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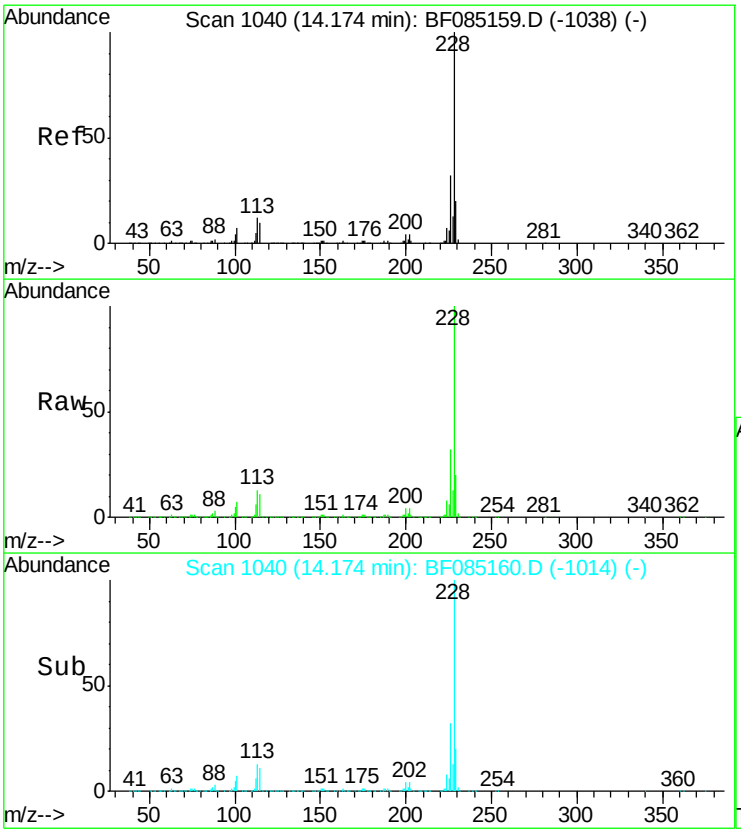
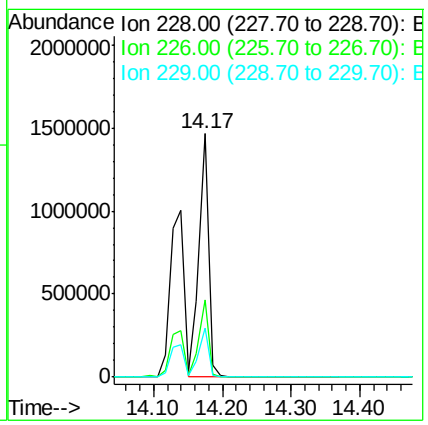
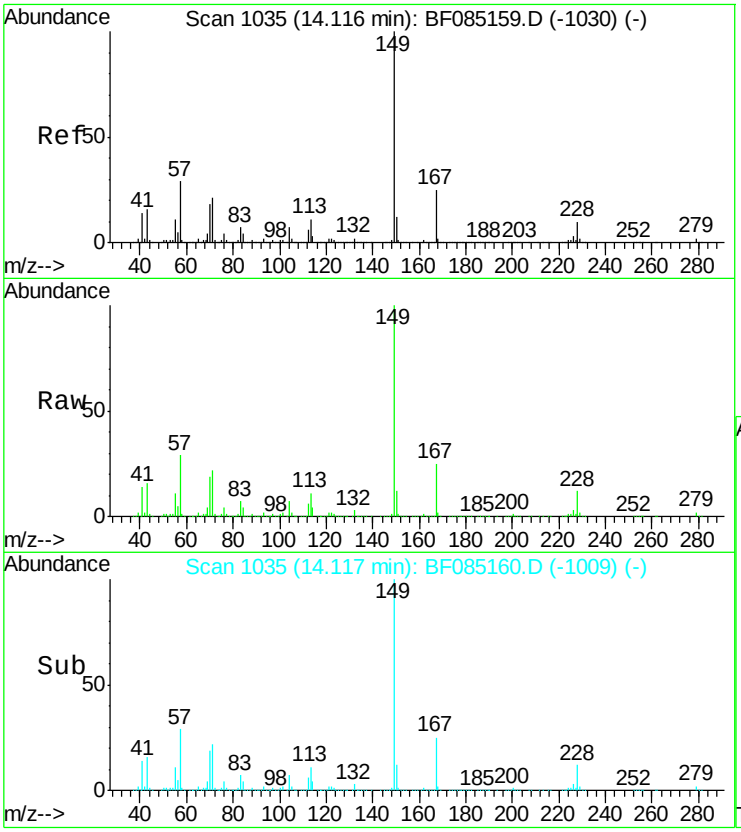


#82
Chrysene
Concen: 53.17 ng
RT: 14.17 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:228 Resp: 1386546

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	20.2	16.0	24.0

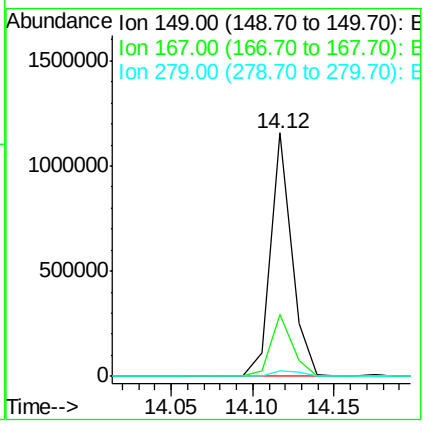




#83
Bis(2-ethylhexyl)phthalate
Concen: 62.62 ng
RT: 14.12 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:149 Resp: 1050551

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	2.4	1.9	2.9



Instrument :
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ClientSampleId :
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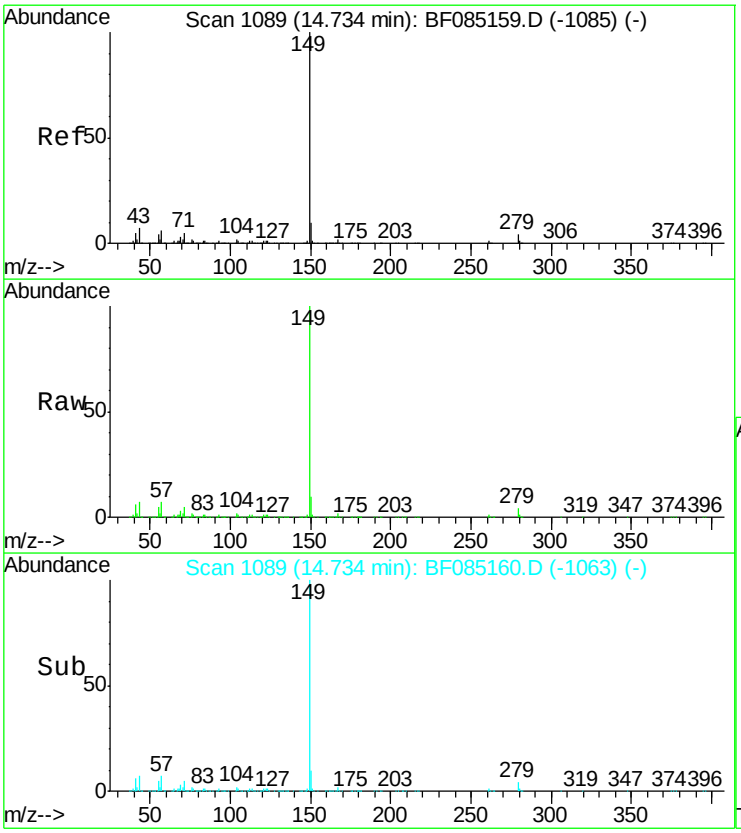
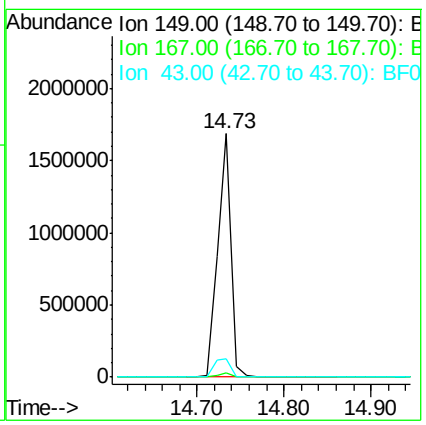
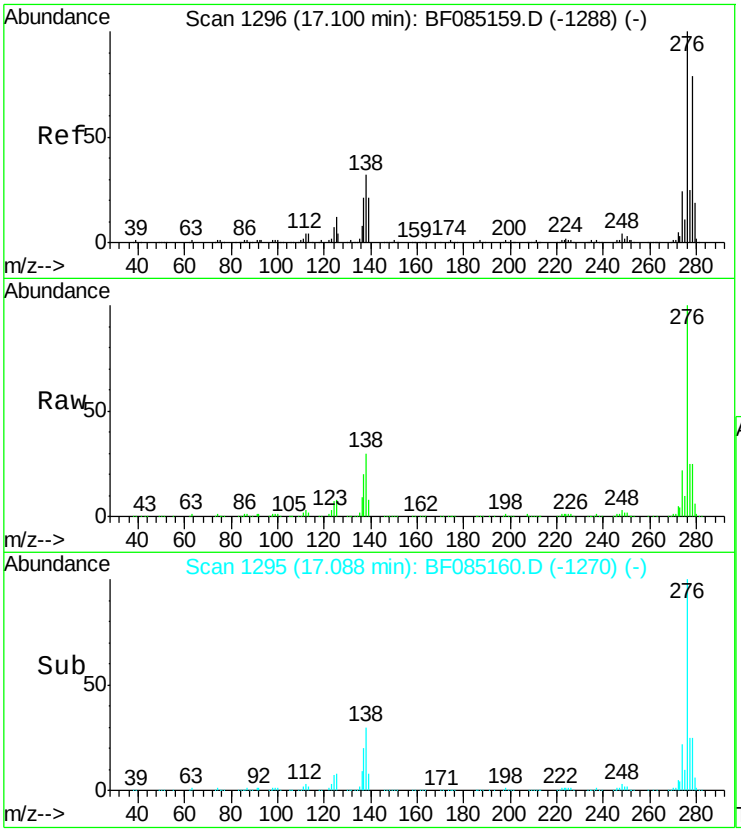


#84
Di-n-octyl phthalate
Concen: 70.89 ng
RT: 14.73 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:149 Resp: 1805718

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.8	7.8	11.8

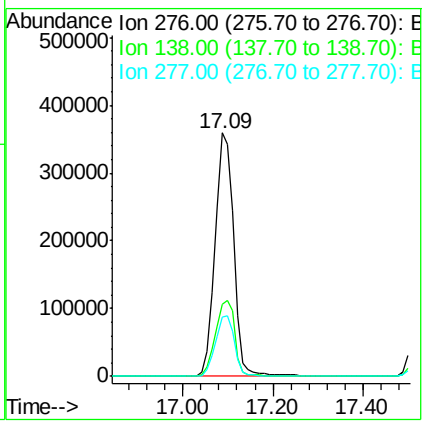




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.39 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:276 Resp: 1041299

Ion	Ratio	Lower	Upper
276	100		
138	32.7	26.4	39.6
277	25.3	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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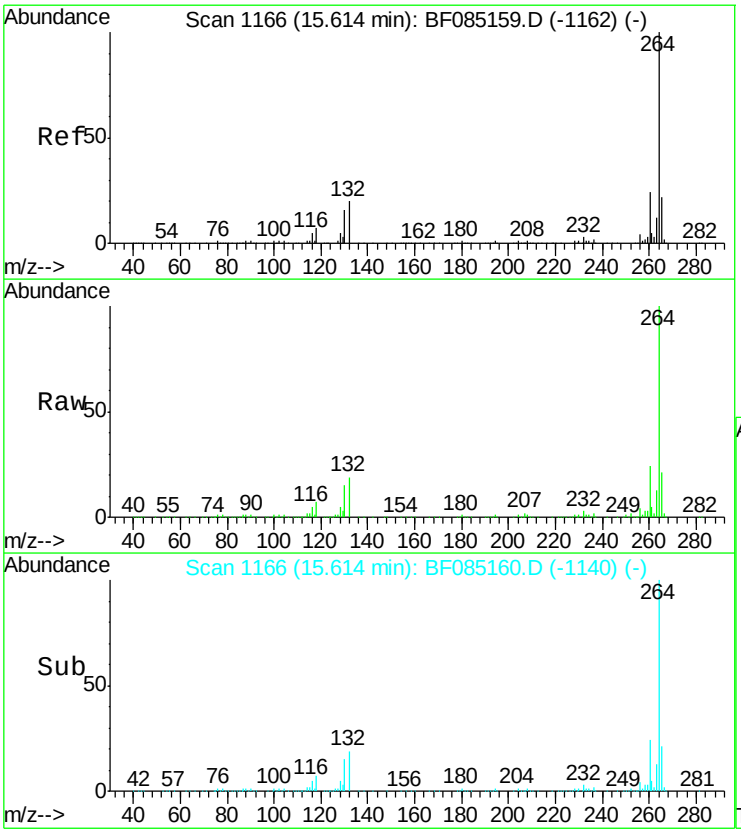
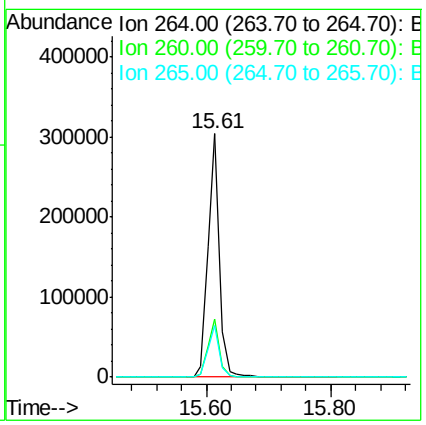
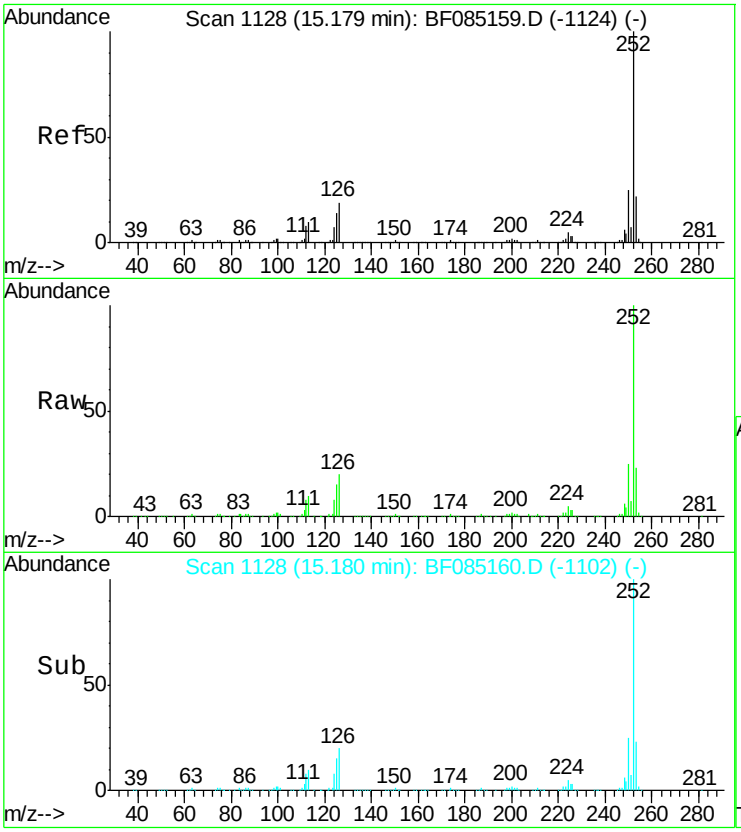


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:264 Resp: 381627

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.3	25.9

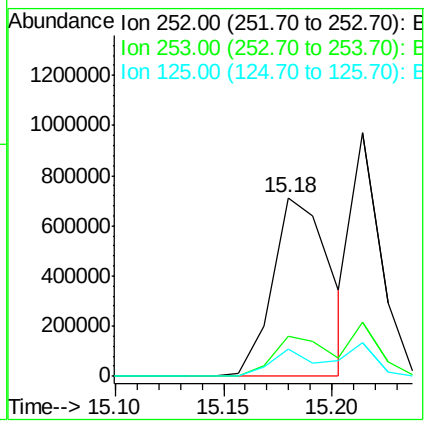




#87
Benzo(b)fluoranthene
Concen: 55.16 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:252 Resp: 1308041

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	15.3	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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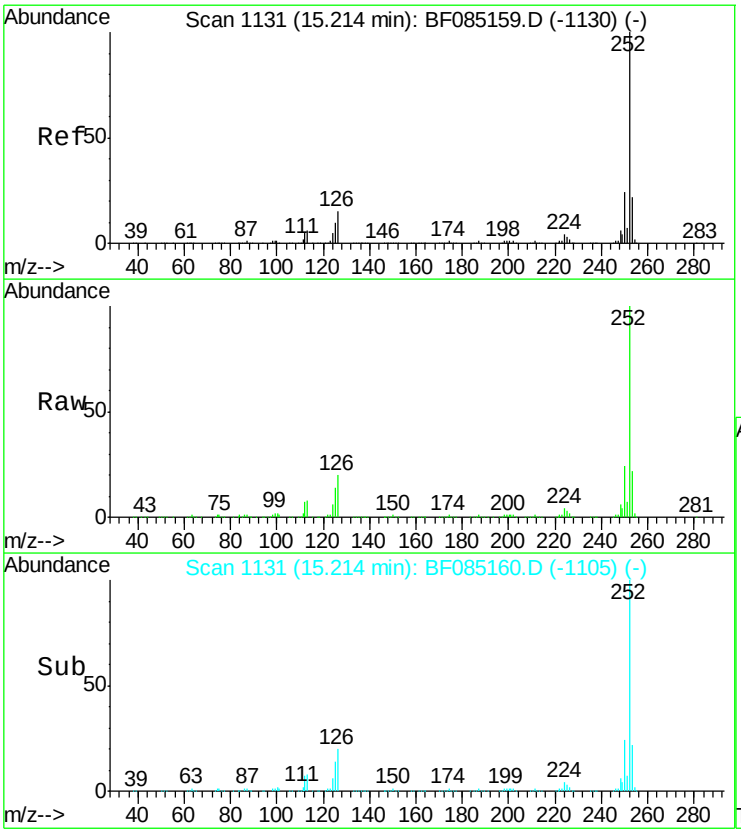
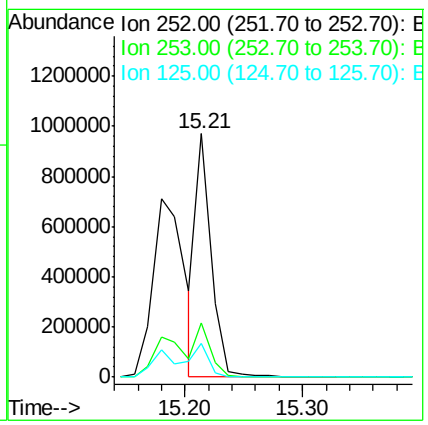
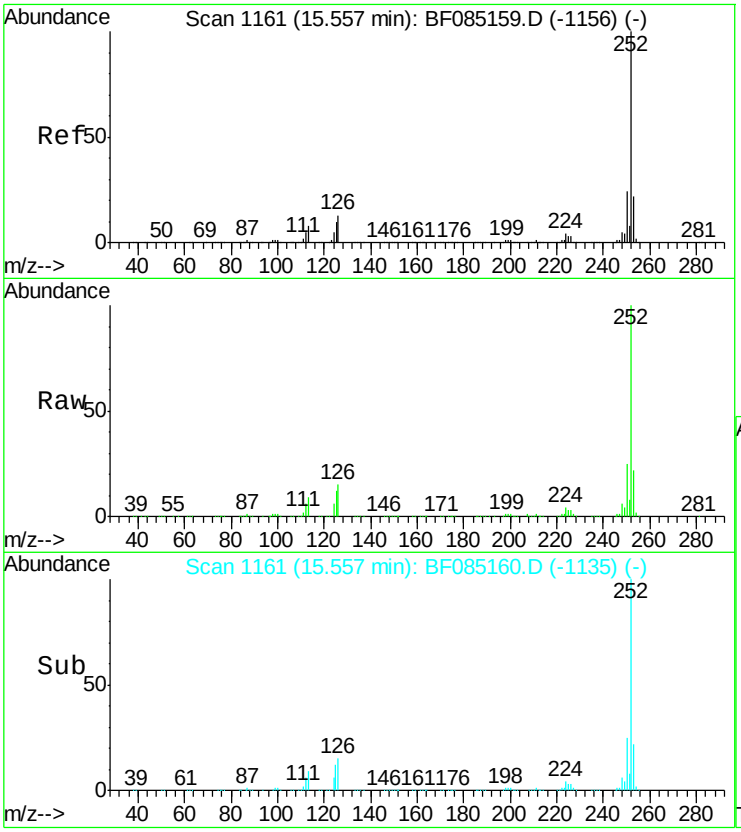


#88
Benzo(k)fluoranthene
Concen: 45.87 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:252 Resp: 907945

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.6	10.4	15.6

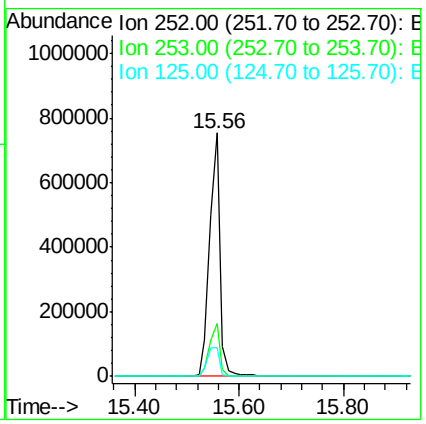




#89
Benzo(a)pyrene
Concen: 52.47 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:252 Resp: 1038761

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.6	8.2	12.4



Instrument :
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ClientSampleId :
SSTDICC050

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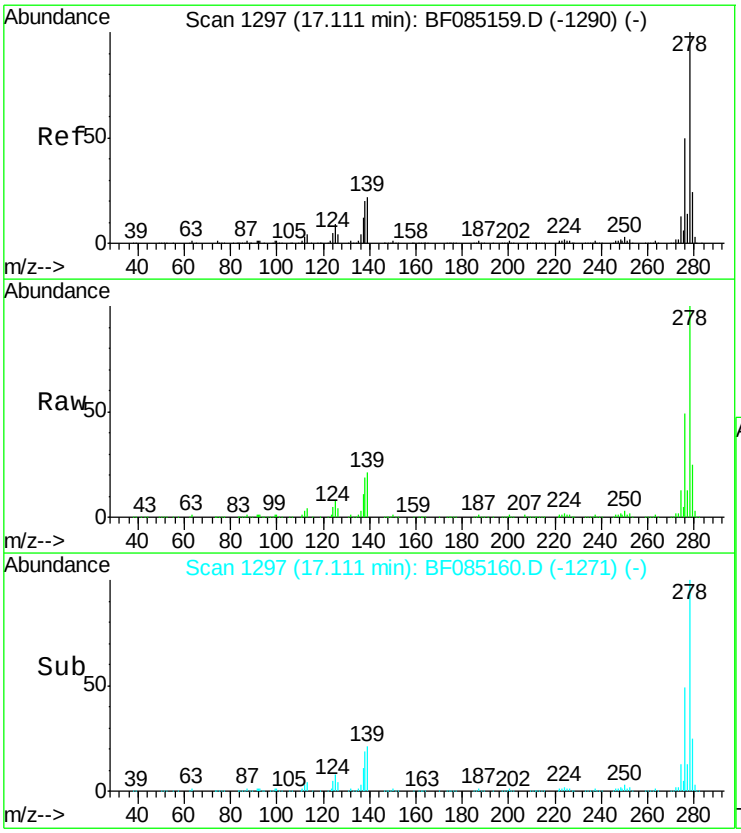
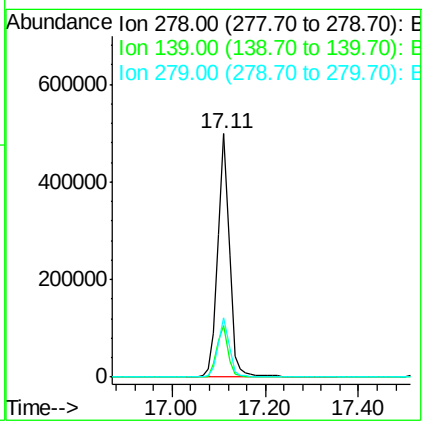
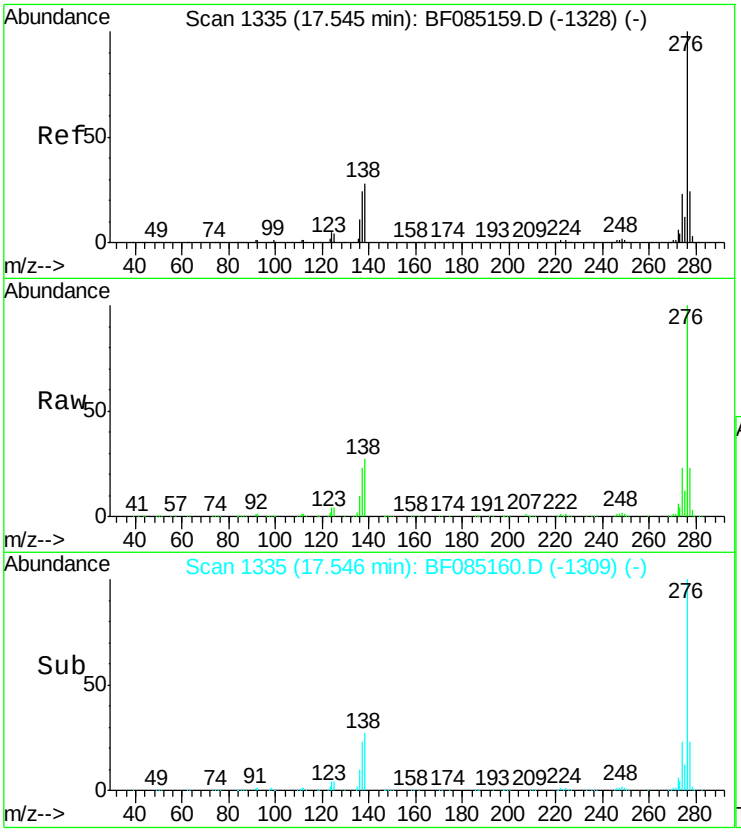


#90
Dibenzo(a,h)anthracene
Concen: 48.43 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:278 Resp: 861925

Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.3	25.9
279	24.6	19.2	28.8

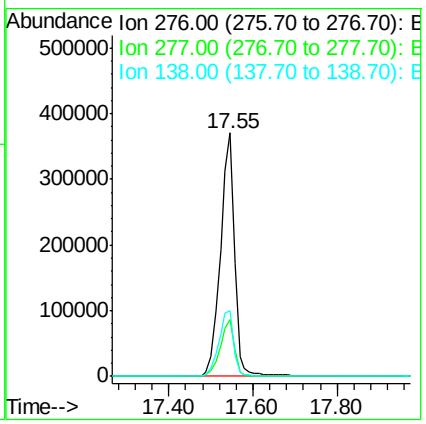




#91
Benzo(g,h,i)perylene
Concen: 47.50 ng
RT: 17.55 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF085160.D
Acq: 3 Mar 2016 17:01

Tgt Ion:276 Resp: 860496

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.9	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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