Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081982.D
Acq On : 2 Oct 2015 15:26
Operator : UM/IZ
Sample : PB85878BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85878BS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:28:29 PM

Quant Time: Oct 05 15:05:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91495	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	349626	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	165749	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	319128	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	304542	20.00	ng		-0.03
86) Perylene-d12	15.53	264	250218	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	637226	126.43	ng		-0.03
7) Phenol-d6	6.51	99	790020	124.57	ng		-0.05
23) Nitrobenzene-d5	7.45	82	494458	94.27	ng		-0.05
41) 2,4,6-Tribromophenol	10.73	330	223301	133.03	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1008094	107.12	ng		-0.05
78) Terphenyl-d14	13.02	244	982603	115.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	81585	37.22	ng		83
3) Pyridine	3.26	79	234592	41.11	ng		88
4) n-Nitrosodimethylamine	3.22	42	93048	35.90	ng		95
6) Aniline	6.55	93	265404	31.15	ng	#	86
8) 2-Chlorophenol	6.67	128	247599	44.49	ng		98
9) Benzaldehyde	6.43	77	47928	11.54	ng	#	78
10) Phenol	6.53	94	272488	38.30	ng	#	57
11) bis(2-Chloroethyl)ether	6.63	93	268782	48.72	ng		93
12) 1,3-Dichlorobenzene	6.82	146	268910m	40.90	ng		
13) 1,4-Dichlorobenzene	6.90	146	289977m	42.24	ng		
14) 1,2-Dichlorobenzene	7.06	146	263456	43.07	ng		99
15) Benzyl Alcohol	7.03	79	177953	38.87	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.17	45	332513	42.63	ng		80
17) 2-Methylphenol	7.14	107	195295	43.28	ng	#	87
18) Hexachloroethane	7.39	117	92851	43.20	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	164675	42.72	ng	#	77
20) 3+4-Methylphenols	7.29	107	230989	40.53	ng	#	70
22) Acetophenone	7.30	105	326794	45.72	ng	#	81
24) Nitrobenzene	7.47	77	247224	43.41	ng	#	70
25) Isophorone	7.71	82	457714	44.03	ng	#	93
26) 2-Nitrophenol	7.79	139	134136	49.07	ng	#	79
27) 2,4-Dimethylphenol	7.83	122	225071	46.80	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	280223	45.39	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	221198	47.43	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	236156	45.36	ng		98
31) Naphthalene	8.19	128	687837	44.40	ng		98
32) Benzoic acid	7.93	122	85176	32.42	ng	#	72
33) 4-Chloroaniline	8.25	127	153983	22.99	ng	#	93
34) Hexachlorobutadiene	8.31	225	135787	44.10	ng		98
35) Caprolactam	8.62	113	59663	46.21	ng	#	77
36) 4-Chloro-3-methylphenol	8.73	107	220916	48.45	ng		88
37) 2-Methylnaphthalene	8.89	142	486679	46.02	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	226772	44.56	ng		99
40) Hexachlorocyclopentadiene	9.04	237	273698	104.45	ng		97

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Quant Time: Oct 05 15:05:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	146123	41.89	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	177978	49.61	ng		97
45) 1,1'-Biphenyl	9.36	154	607596	47.52	ng		94
46) 2-Chloronaphthalene	9.38	162	480730	47.88	ng		96
47) 2-Nitroaniline	9.49	65	136247	46.22	ng		89
48) Acenaphthylene	9.79	152	700935	43.62	ng		96
49) Dimethylphthalate	9.66	163	508412	44.44	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	121868	49.06	ng	#	78
51) Acenaphthene	9.97	154	455031	47.68	ng		89
52) 3-Nitroaniline	9.90	138	87155	30.33	ng	#	73
53) 2,4-Dinitrophenol	10.00	184	87699	75.46	ng	#	55
54) Dibenzofuran	10.15	168	647001	47.97	ng		94
55) 4-Nitrophenol	10.06	139	175747	84.64	ng	#	51
56) 2,4-Dinitrotoluene	10.13	165	150171	47.42	ng	#	71
57) Fluorene	10.49	166	505823	52.81	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	151070	53.09	ng	#	90
59) Diethylphthalate	10.37	149	523079	48.95	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	239760	48.56	ng		91
61) 4-Nitroaniline	10.51	138	128358	44.55	ng	#	50
62) Azobenzene	10.64	77	504994	48.42	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	70651	48.63	ng		80
65) n-Nitrosodiphenylamine	10.61	169	454467	47.07	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	157131	48.83	ng		97
67) Hexachlorobenzene	11.03	284	152605	42.02	ng	#	85
68) Atrazine	11.13	200	143372	47.86	ng		85
69) Pentachlorophenol	11.23	266	173476	83.84	ng		99
70) Phenanthrene	11.45	178	747822	48.84	ng		96
71) Anthracene	11.51	178	830022	51.17	ng		97
72) Carbazole	11.67	167	723877	49.31	ng		97
73) Di-n-butylphthalate	11.99	149	728411	48.83	ng	#	98
74) Fluoranthene	12.64	202	807809	47.25	ng		91
76) Benzidine	12.78	184	350238	38.17	ng		98
77) Pyrene	12.87	202	811557	44.61	ng		96
79) Butylbenzylphthalate	13.50	149	337406	49.29	ng		97
80) Benzo(a)anthracene	14.07	228	739765	45.11	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	188266	33.99	ng	#	94
82) Chrysene	14.10	228	779522	49.57	ng		94
83) Bis(2-ethylhexyl)phthalate	14.06	149	438644	51.08	ng	#	95
84) Di-n-octyl phthalate	14.68	149	753269	53.90	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.98	276	584224	45.54	ng	#	88
87) Benzo(b)fluoranthene	15.11	252	634009m	44.38	ng		
88) Benzo(k)fluoranthene	15.14	252	734590m	56.10	ng		
89) Benzo(a)pyrene	15.48	252	641237	51.75	ng	#	86
90) Dibenzo(a,h)anthracene	17.01	278	485445	46.69	ng	#	80
91) Benzo(g,h,i)perylene	17.43	276	480271	45.08	ng	#	74

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

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Instrument :
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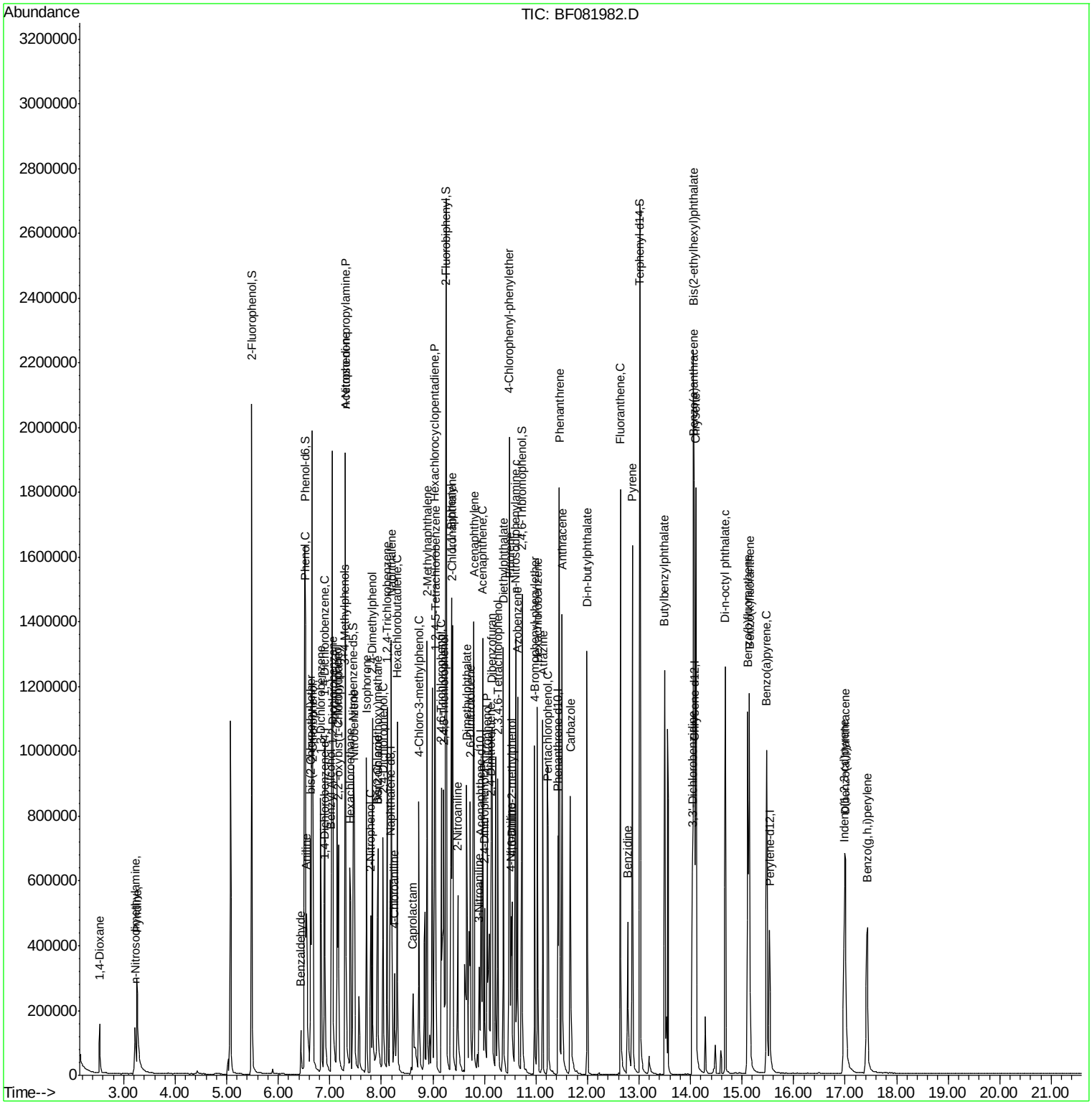
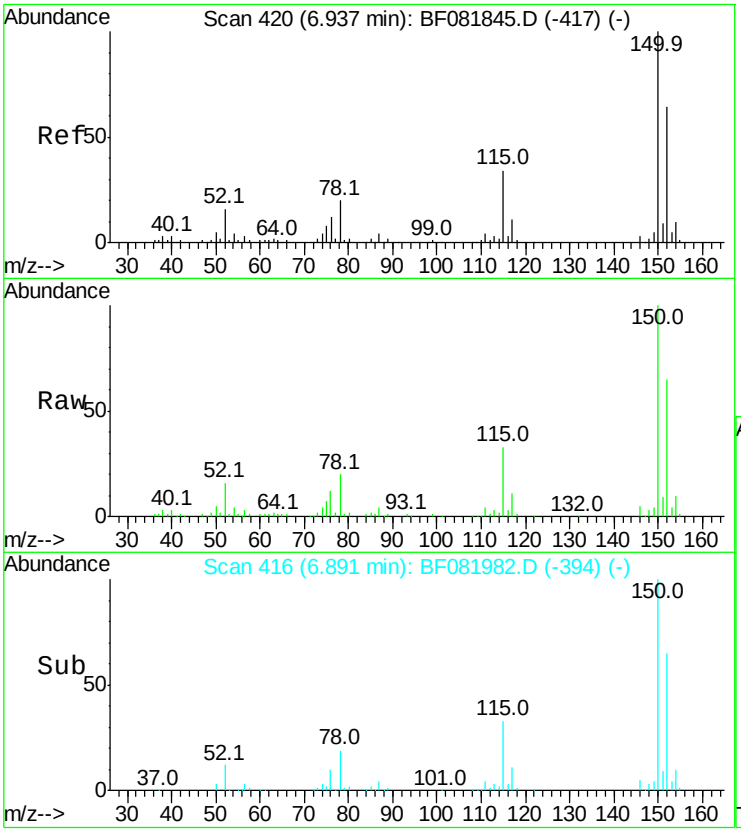
10/5/2015 6:28:29 PM

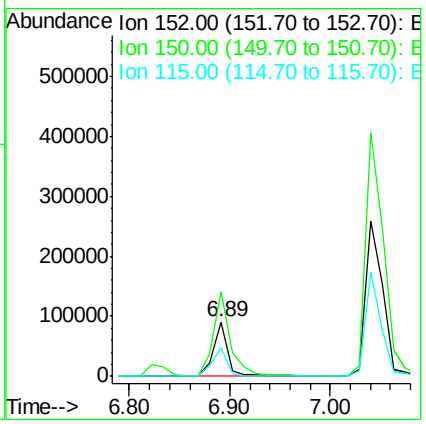




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:152 Resp: 91495

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.7	187.1
115	51.6	39.0	58.4



Instrument :
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ClientSampleId :
PB85878BS

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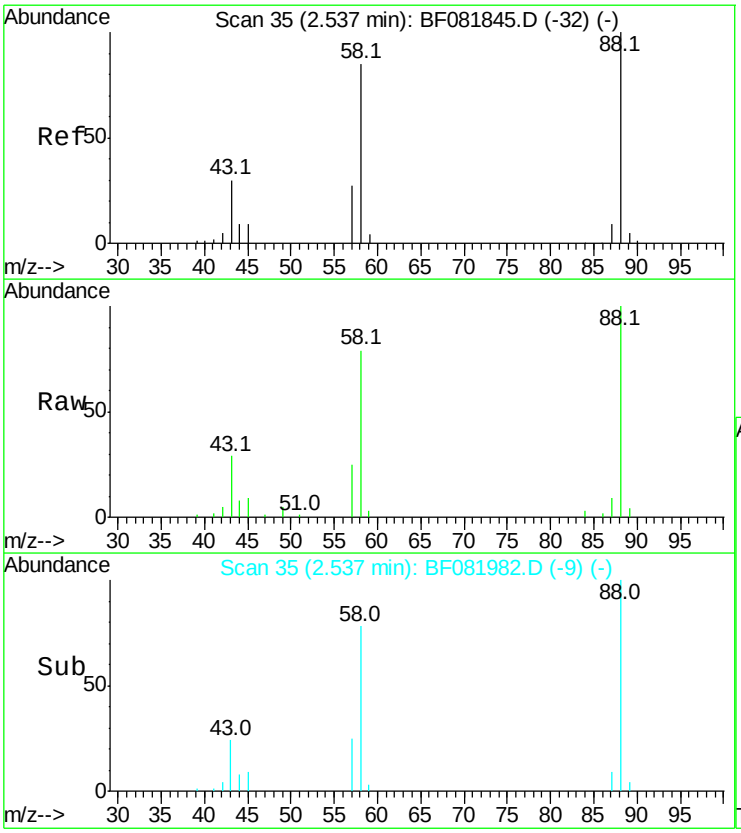
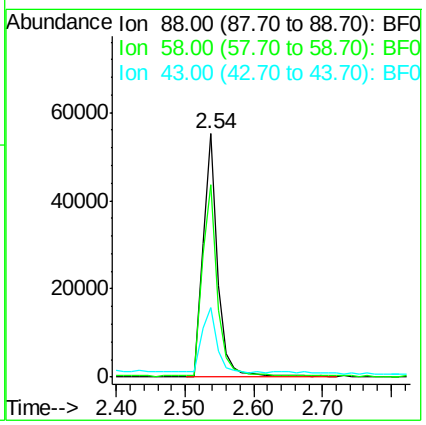
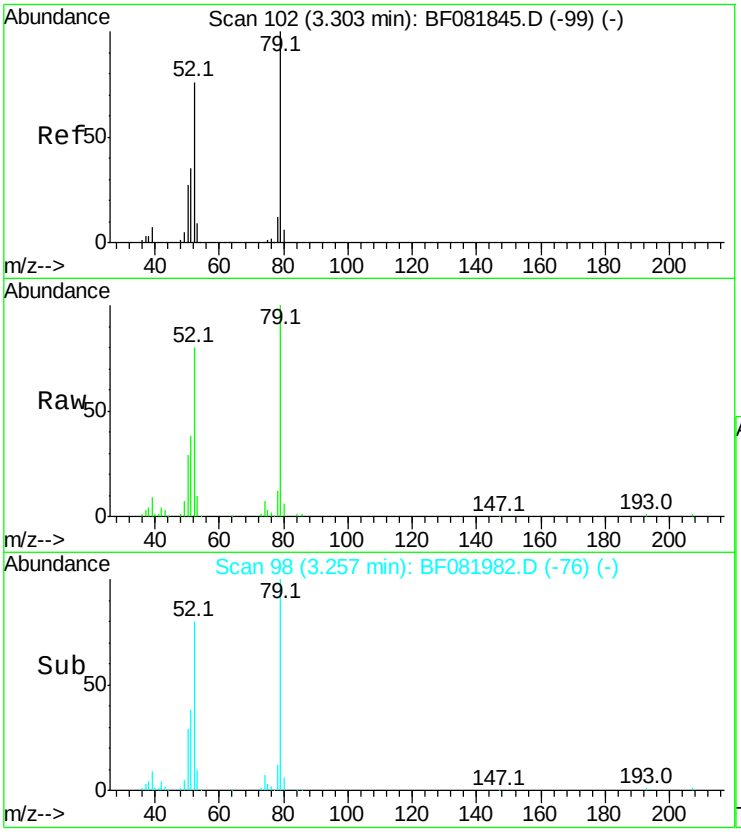


#2
1,4-Dioxane
Concen: 37.22 ng
RT: 2.54 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 88 Resp: 81585

Ion	Ratio	Lower	Upper
88	100		
58	78.9	77.7	116.5
43	26.9	26.6	40.0

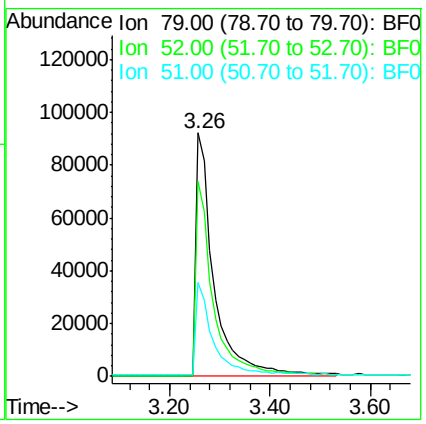




#3
Pyridine
Concen: 41.11 ng
RT: 3.26 min Scan# 98
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 79 Resp: 234592

Ion	Ratio	Lower	Upper
79	100		
52	79.9	76.8	115.2
51	38.4	32.2	48.4



Instrument :
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ClientSampleId :
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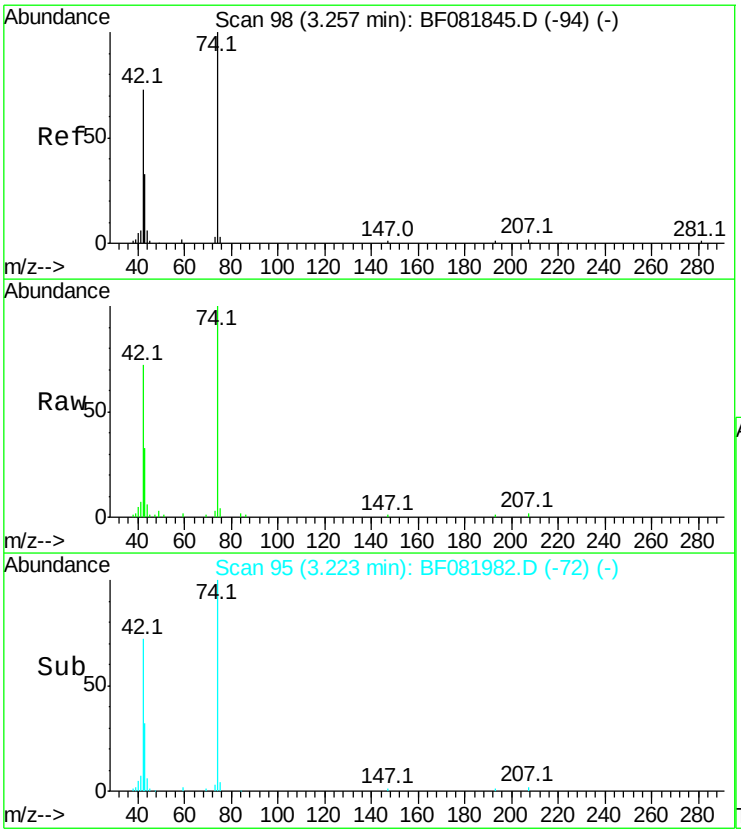
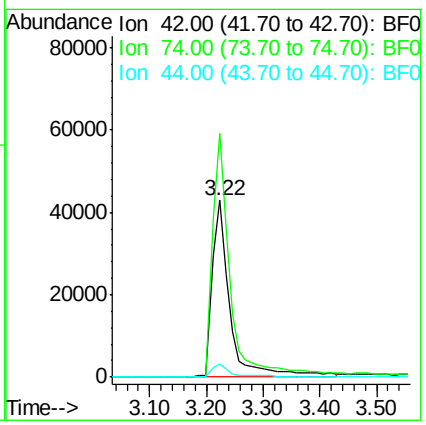
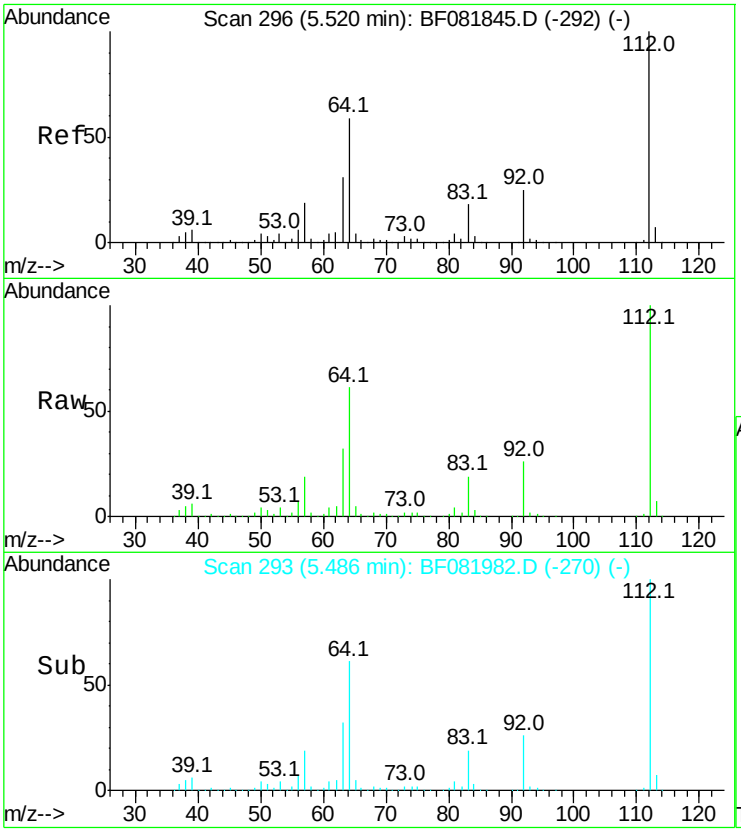


#4
n-Nitrosodimethylamine
Concen: 35.90 ng
RT: 3.22 min Scan# 95
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 42 Resp: 93048

Ion	Ratio	Lower	Upper
42	100		
74	138.0	105.0	157.6
44	7.8	6.6	10.0

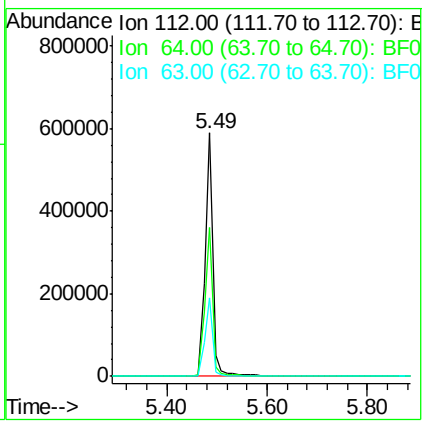




#5
2-Fluorophenol
Concen: 126.43 ng
RT: 5.49 min Scan# 293
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:112 Resp: 637226

Ion	Ratio	Lower	Upper
112	100		
64	61.2	39.7	59.5#
63	32.3	17.4	26.0#



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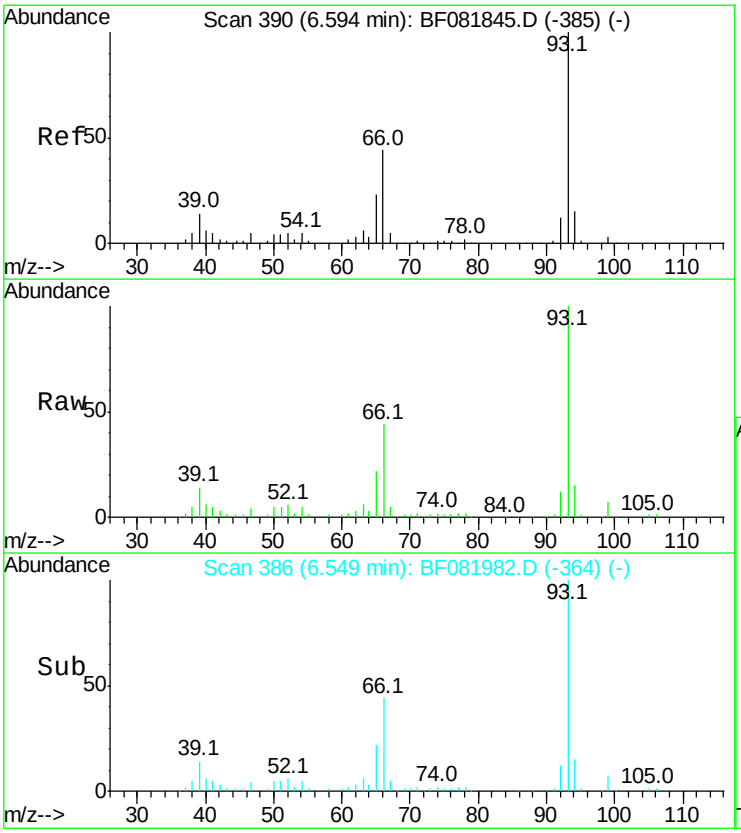
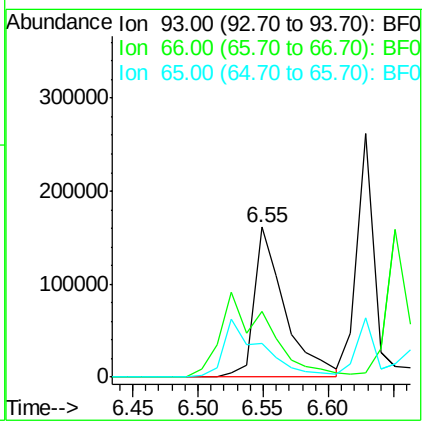
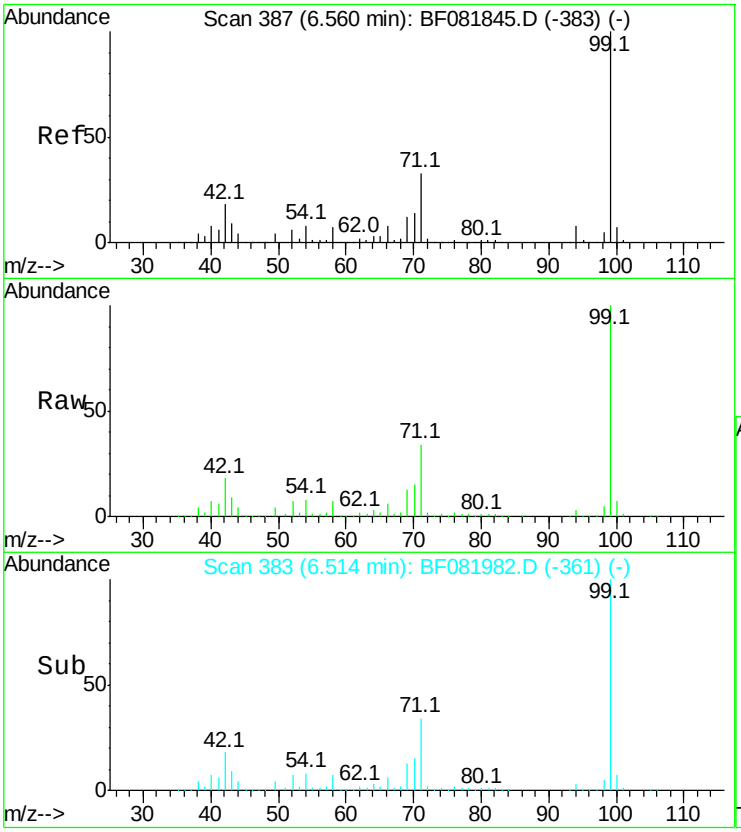


#6
Aniline
Concen: 31.15 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 93 Resp: 265404

Ion	Ratio	Lower	Upper
93	100		
66	43.6	27.2	40.8#
65	22.3	14.7	22.1#

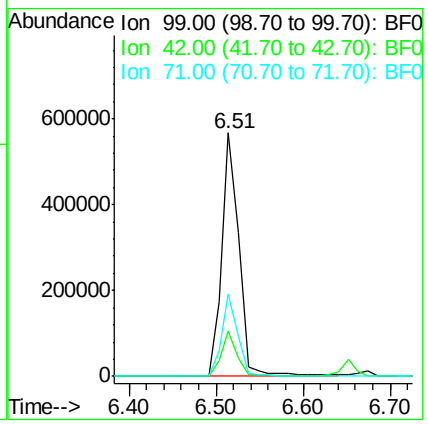




#7
Phenol-d6
Concen: 124.57 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 99 Resp: 790020

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.7	20.5
71	33.8	14.2	21.2#



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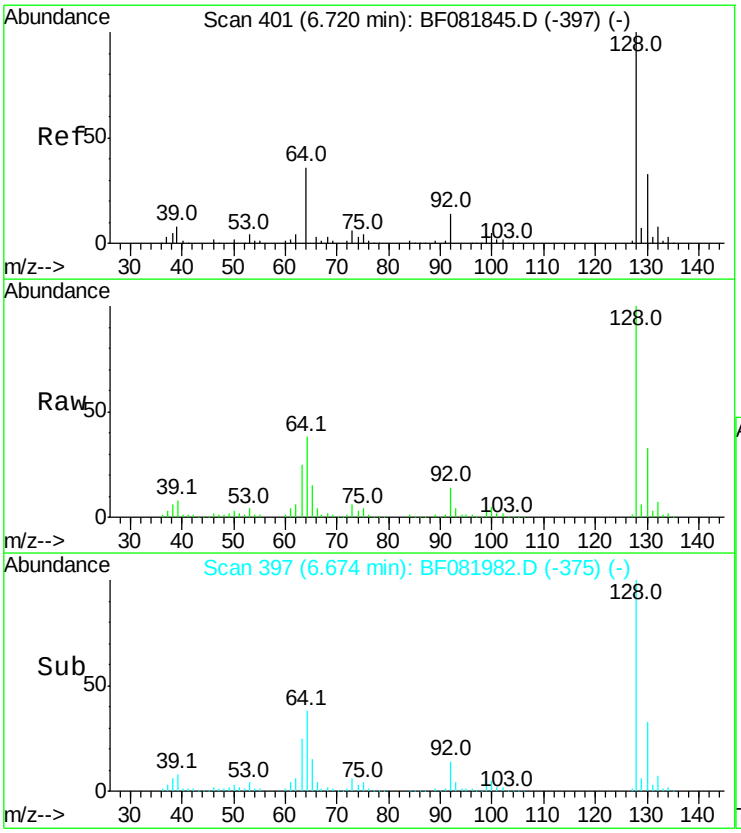
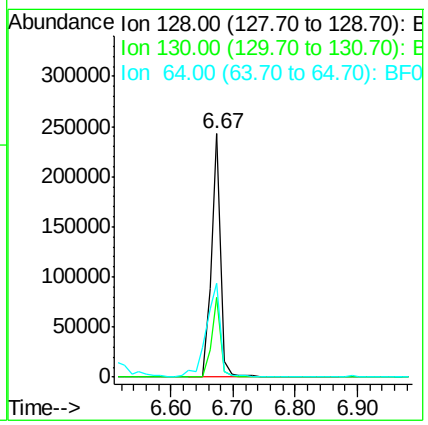
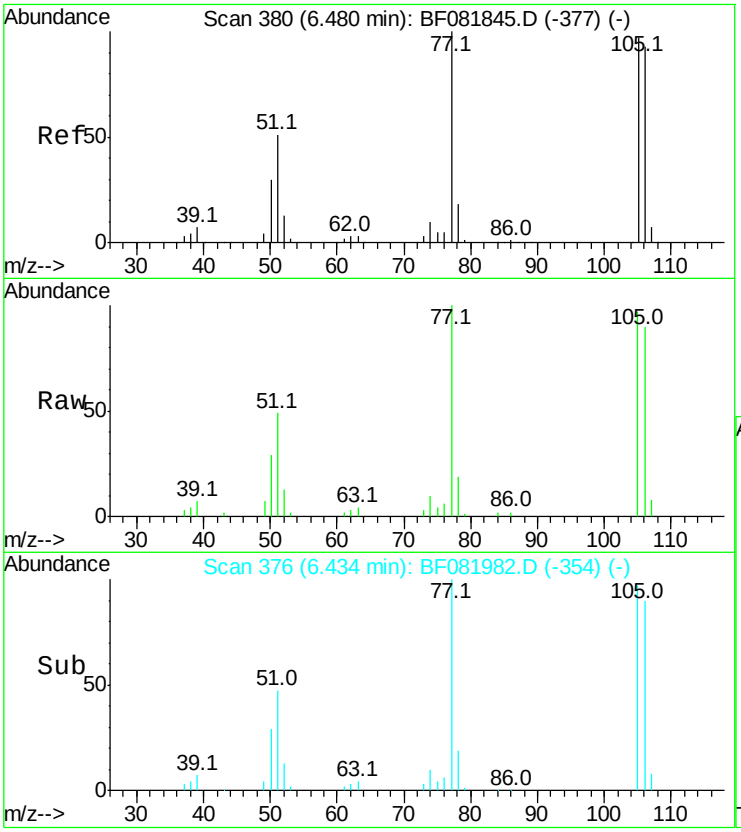


#8
2-Chlorophenol
Concen: 44.49 ng
RT: 6.67 min Scan# 397
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:128 Resp: 247599

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.2	52.2
64	38.4	20.5	60.5

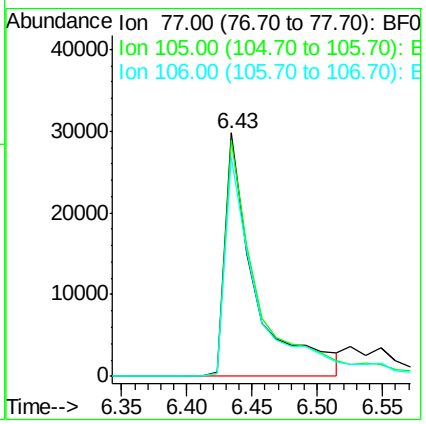




#9
Benzaldehyde
Concen: 11.54 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 77 Resp: 47928

Ion	Ratio	Lower	Upper
77	100		
105	96.8	91.6	131.6
106	90.2	102.6	142.6#



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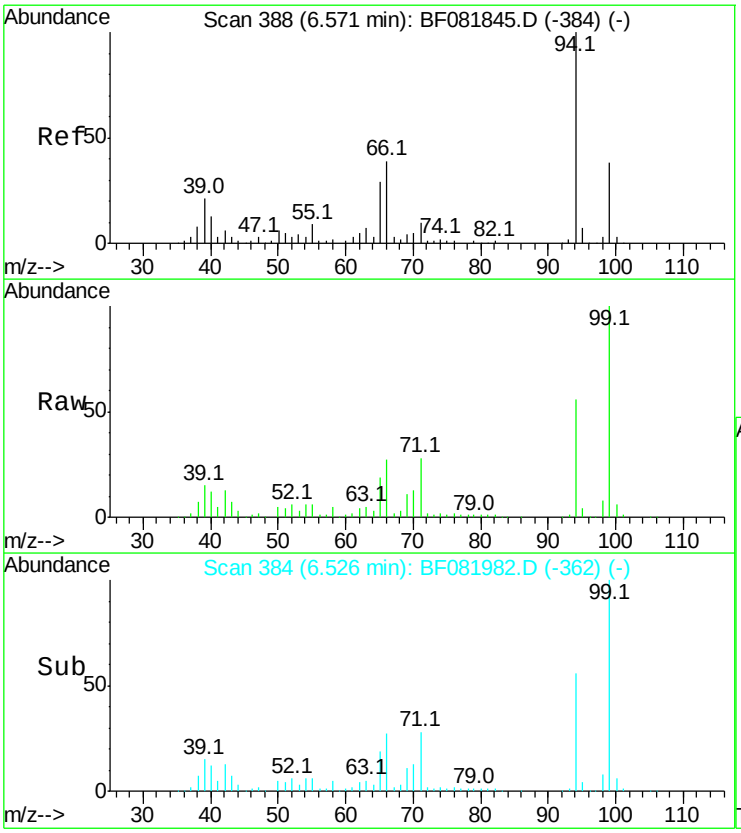
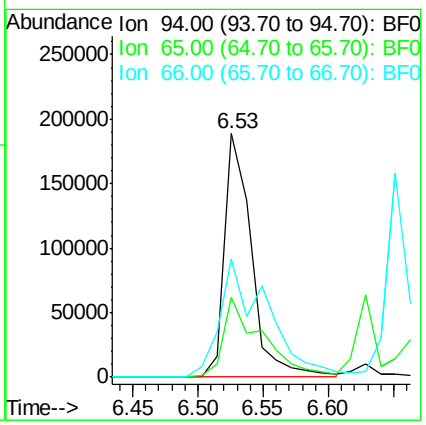
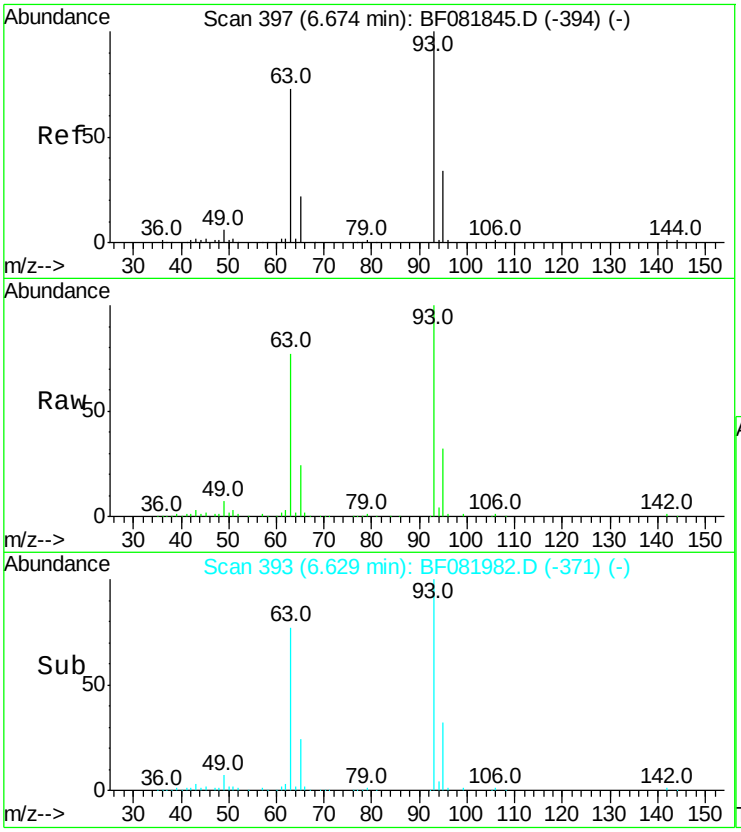


#10
Phenol
Concen: 38.30 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 94 Resp: 272488

Ion	Ratio	Lower	Upper
94	100		
65	32.9	0.7	40.7
66	48.7	0.8	40.8#

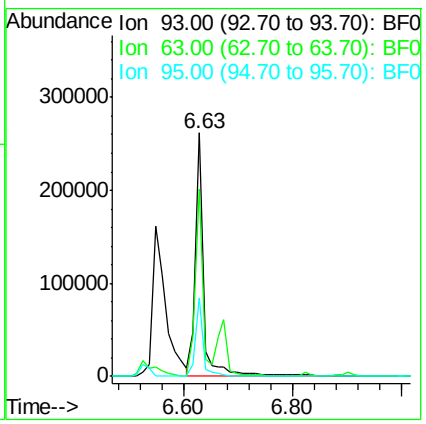




#11
bis(2-Chloroethyl)ether
Concen: 48.72 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 93 Resp: 268782

Ion	Ratio	Lower	Upper
93	100		
63	77.1	65.6	105.6
95	32.4	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
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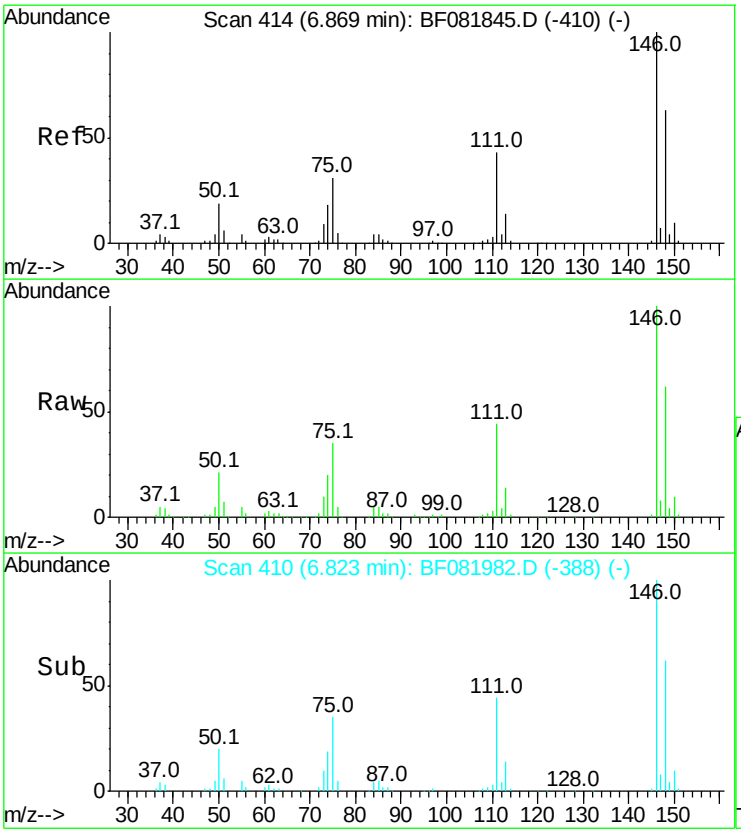
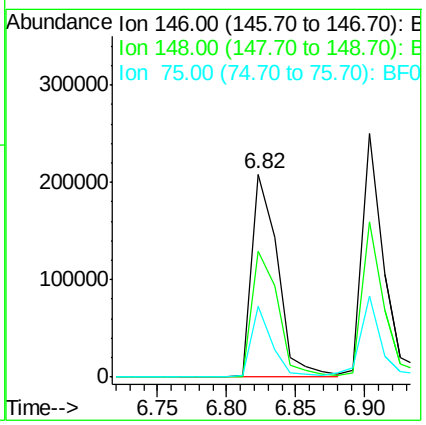
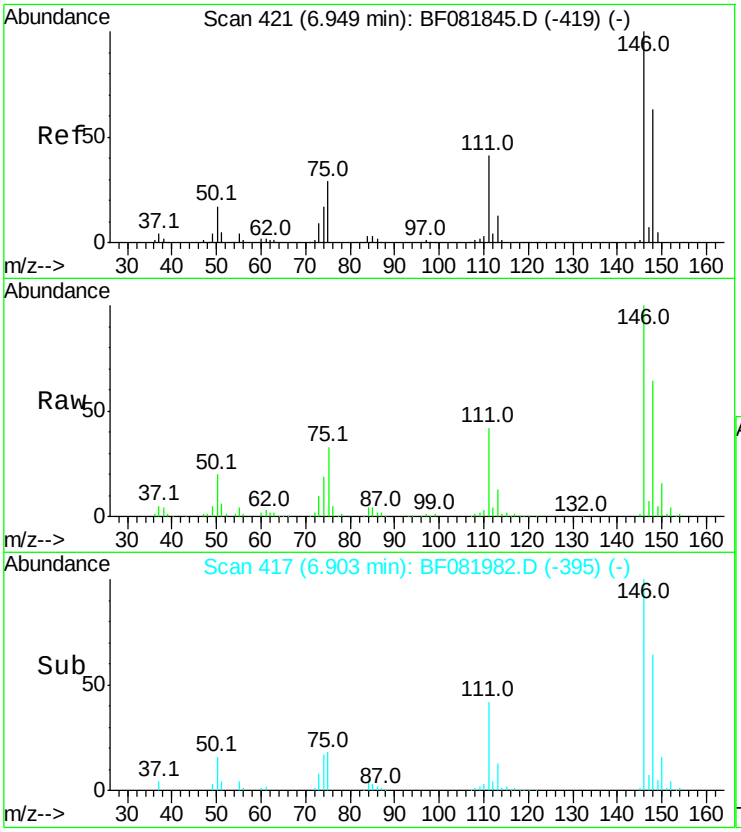


#12
1,3-Dichlorobenzene
Concen: 40.90 ng m
RT: 6.82 min Scan# 410
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:146 Resp: 268910

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.4
75	34.8	15.0	22.6#

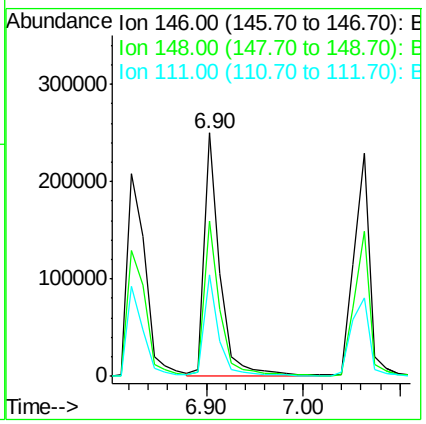




#13
1,4-Dichlorobenzene
Concen: 42.24 ng m
RT: 6.90 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:146 Resp: 289977

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	41.5	24.9	37.3#



Instrument :
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ClientSampleId :
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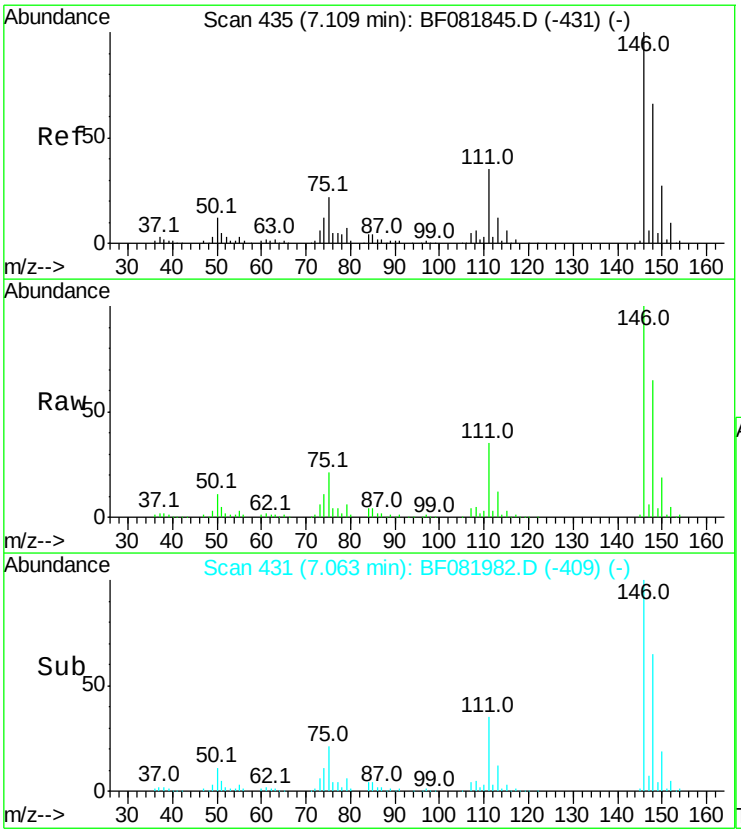
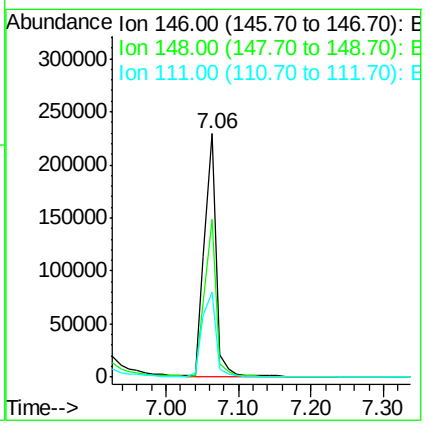
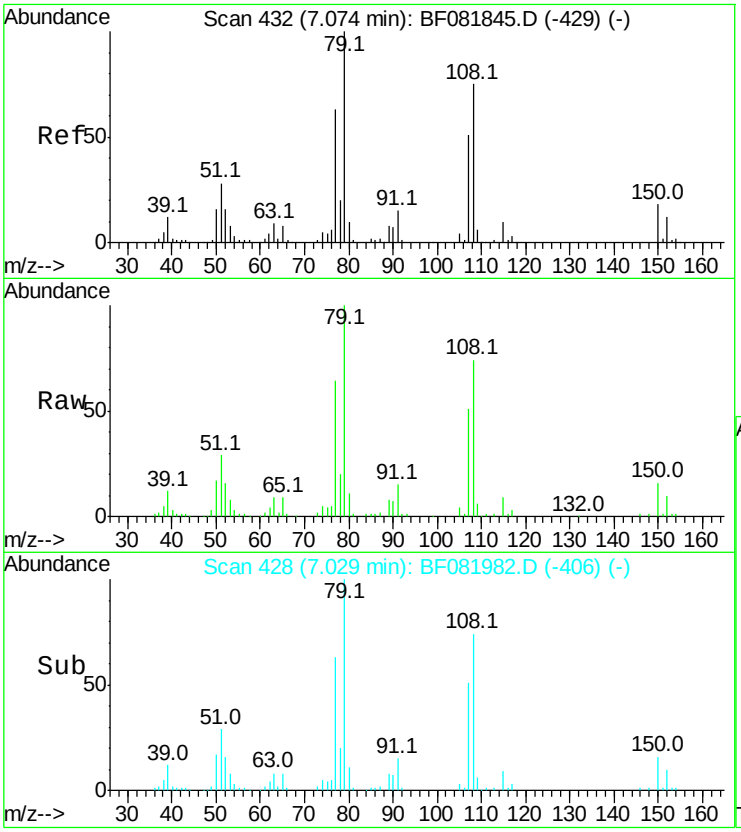


#14
1,2-Dichlorobenzene
Concen: 43.07 ng
RT: 7.06 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:146 Resp: 263456

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.7	79.1
111	35.0	28.8	43.2





#15
Benzyl Alcohol
Concen: 38.87 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 79 Resp: 177953

Ion	Ratio	Lower	Upper
79	100		
108	73.7	88.6	132.8#
77	63.6	47.0	70.4

Instrument :
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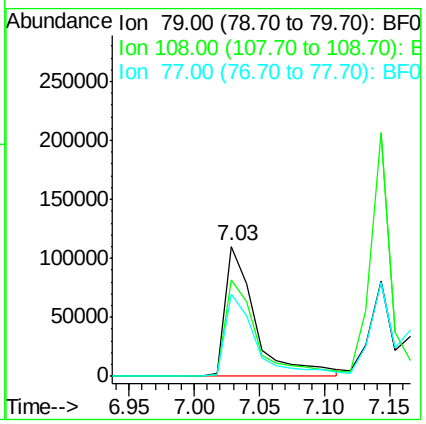
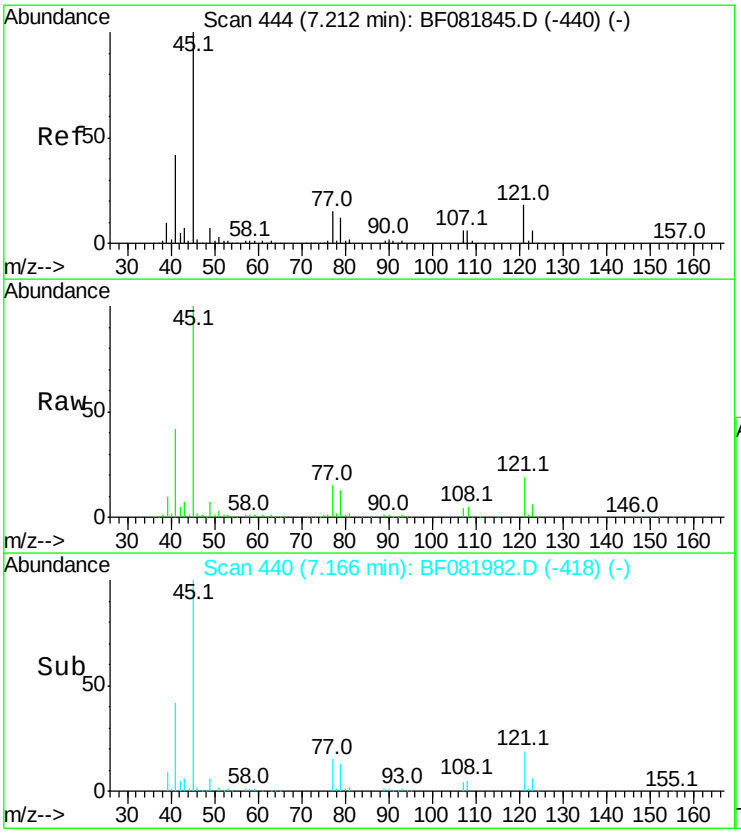
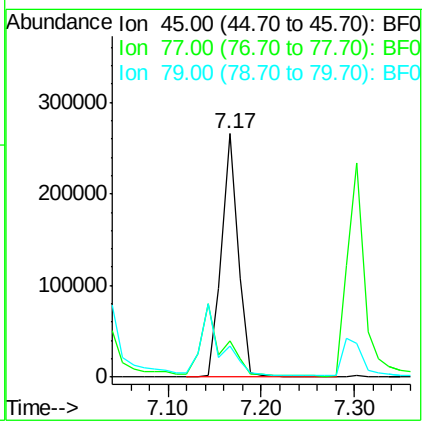


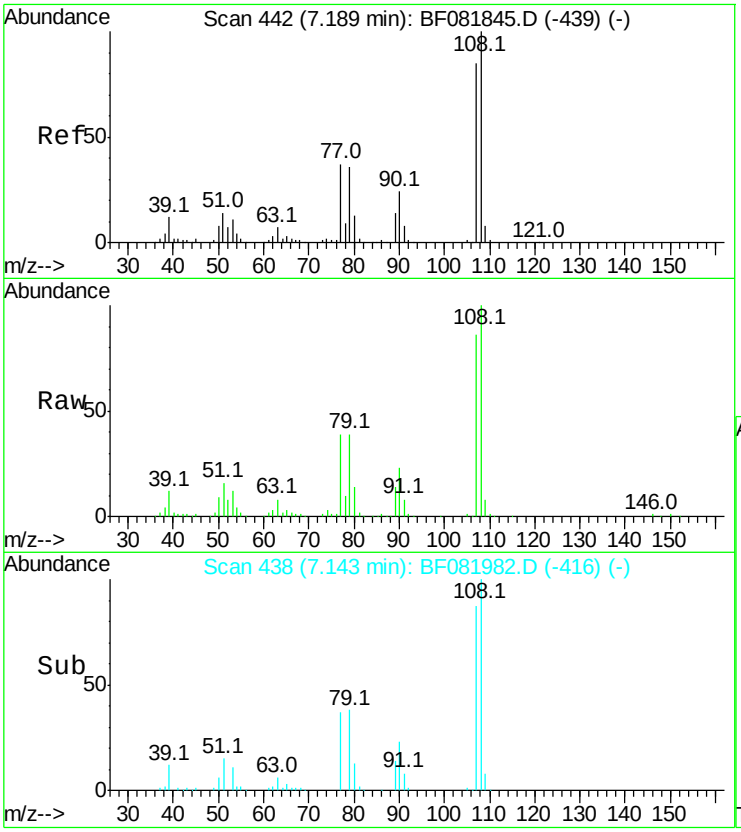


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.63 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 45 Resp: 332513

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	28.1
79	12.8	0.0	26.0

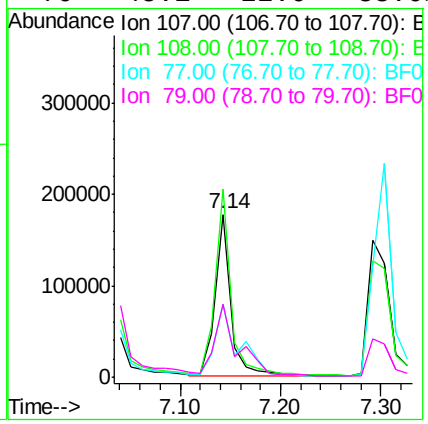




#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:107 Resp: 195295

Ion	Ratio	Lower	Upper
107	100		
108	115.7	96.6	145.0
77	44.9	23.3	34.9#
79	45.1	22.0	33.0#



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ClientSampleId :
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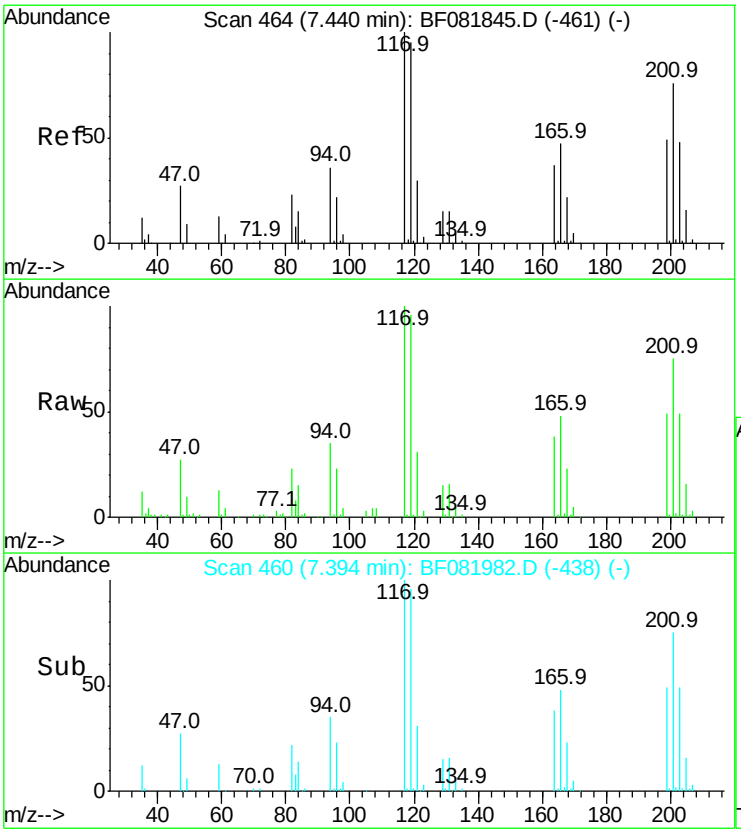
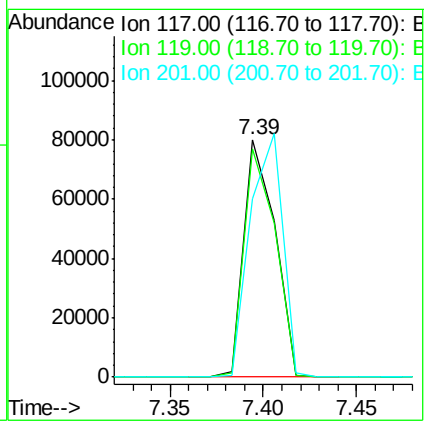
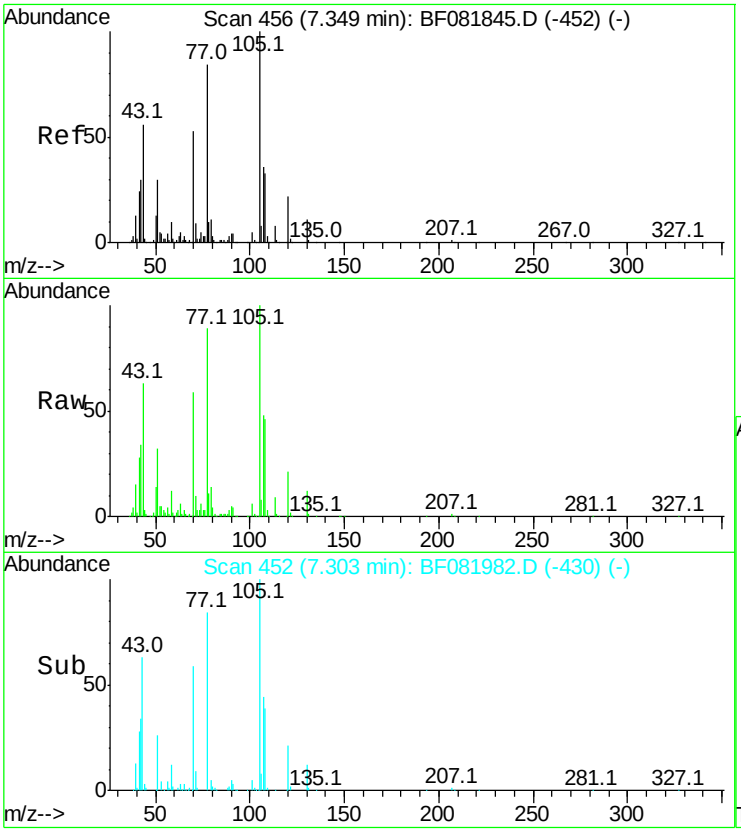


#18
Hexachloroethane
Concen: 43.20 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:117 Resp: 92851

Ion	Ratio	Lower	Upper
117	100		
119	96.3	83.8	125.6
201	74.9	55.1	82.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.72 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Instrument :
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ClientSampleId :
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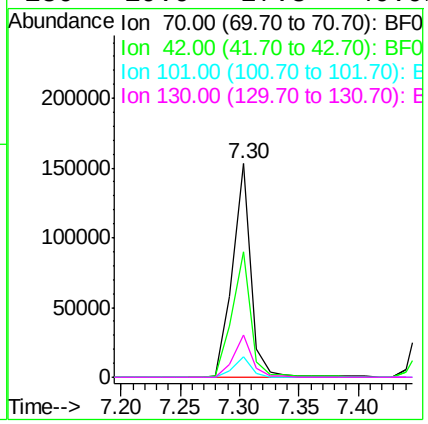
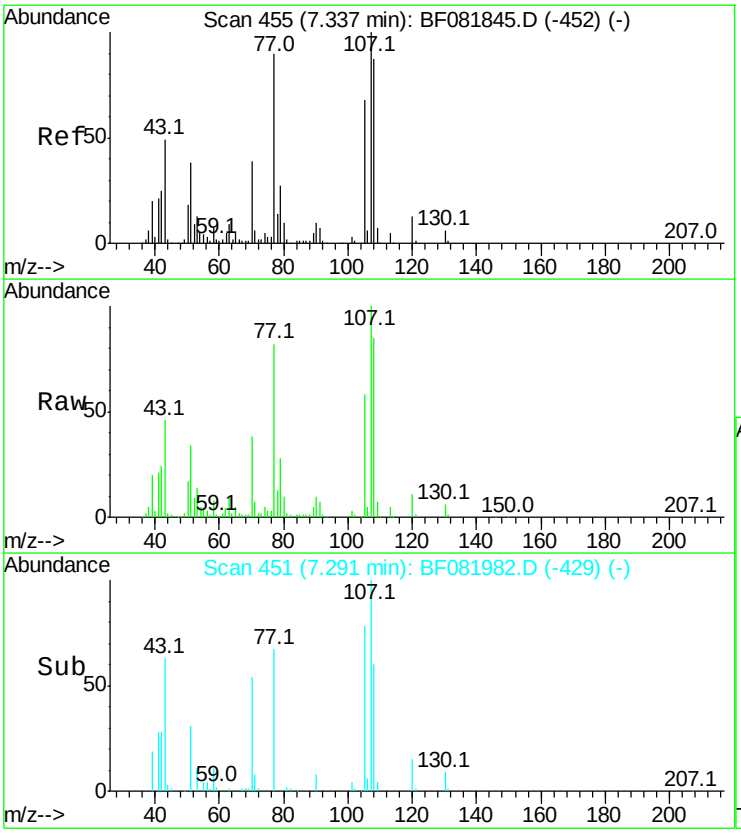
Tgt Ion: 70 Resp: 164675

Ion	Ratio	Lower	Upper
70	100		
42	58.5	63.8	95.6#
101	9.4	9.2	13.8
130	19.9	27.3	40.9#

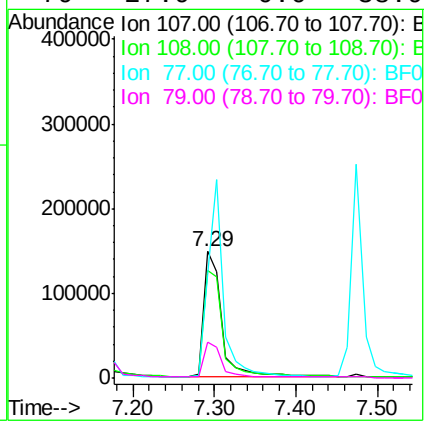


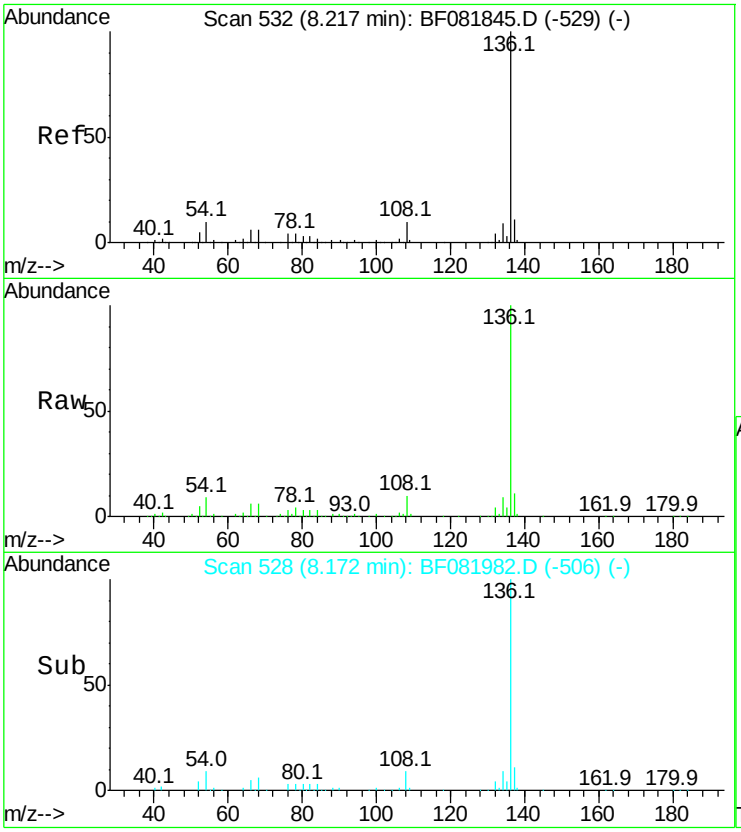


#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:107 Resp: 230989

Ion	Ratio	Lower	Upper
107	100		
108	85.2	74.6	114.6
77	81.9	0.7	40.7#
79	27.9	0.0	38.9

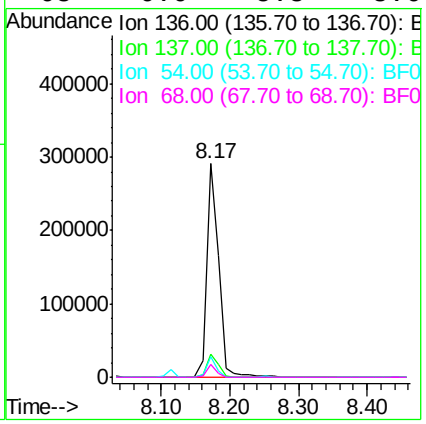




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:136 Resp: 349626

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.3	8.2	12.2
68	6.0	5.8	8.6



Instrument :
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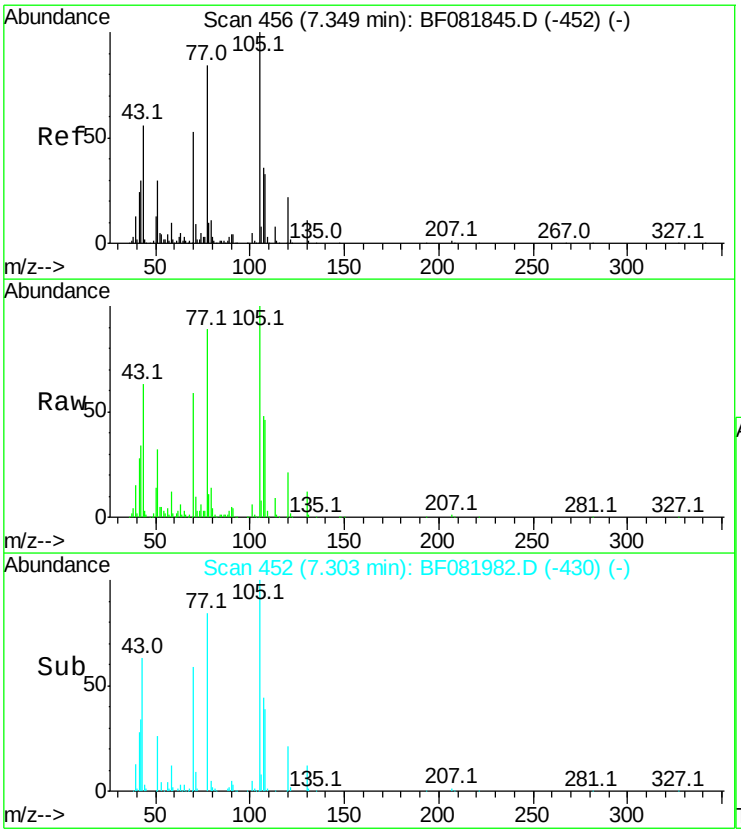
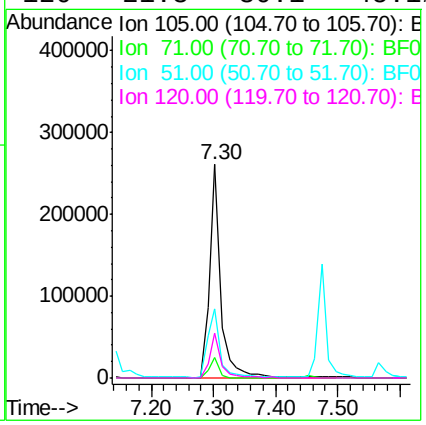
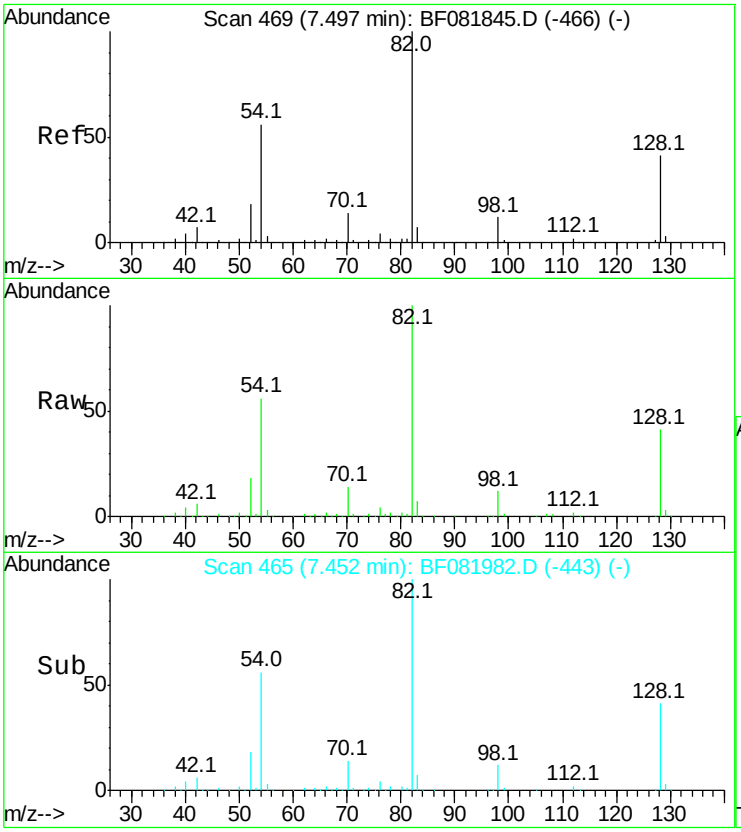


#22
Acetophenone
Concen: 45.72 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:105 Resp: 326794

Ion	Ratio	Lower	Upper
105	100		
71	9.7	4.7	7.1#
51	32.2	22.0	33.0
120	21.3	30.1	45.1#

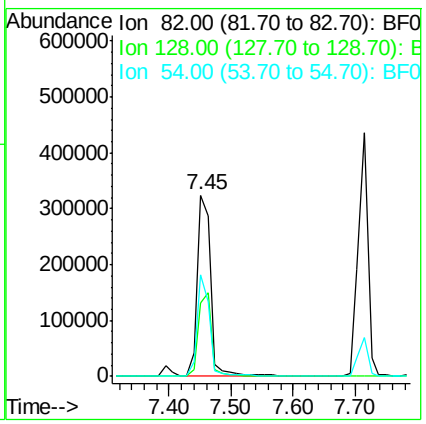




#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 82 Resp: 494458

Ion	Ratio	Lower	Upper
82	100		
128	40.9	51.0	76.6#
54	55.9	47.5	71.3



Instrument :
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ClientSampleId :
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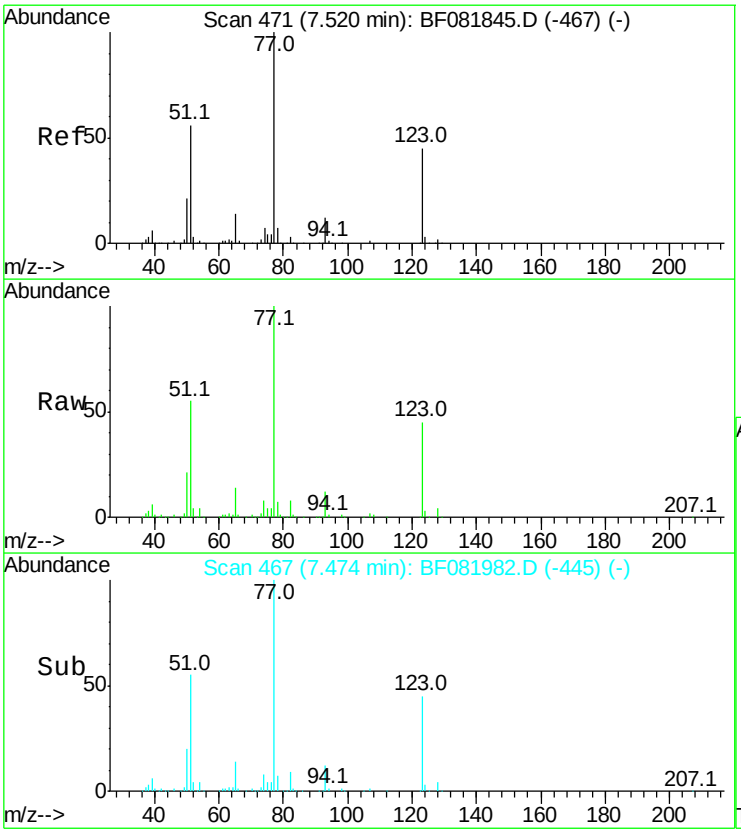
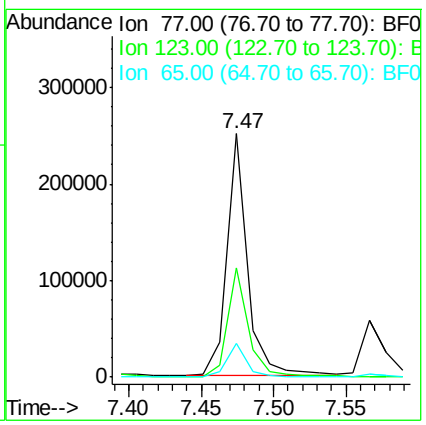
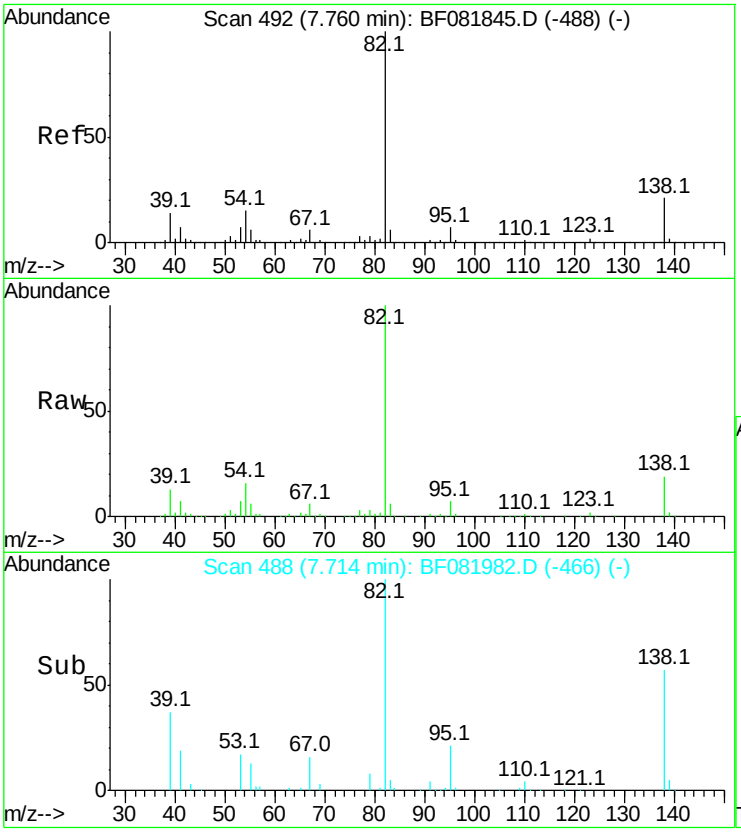


#24
Nitrobenzene
Concen: 43.41 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 77 Resp: 247224

Ion	Ratio	Lower	Upper
77	100		
123	44.8	59.8	89.8#
65	13.8	10.2	15.4

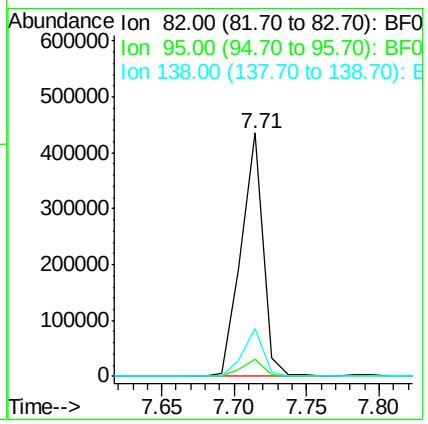




#25
Isophorone
Concen: 44.03 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 82 Resp: 457714

Ion	Ratio	Lower	Upper
82	100		
95	7.1	4.0	6.0#
138	19.4	18.3	27.5



Instrument :
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ClientSampleId :
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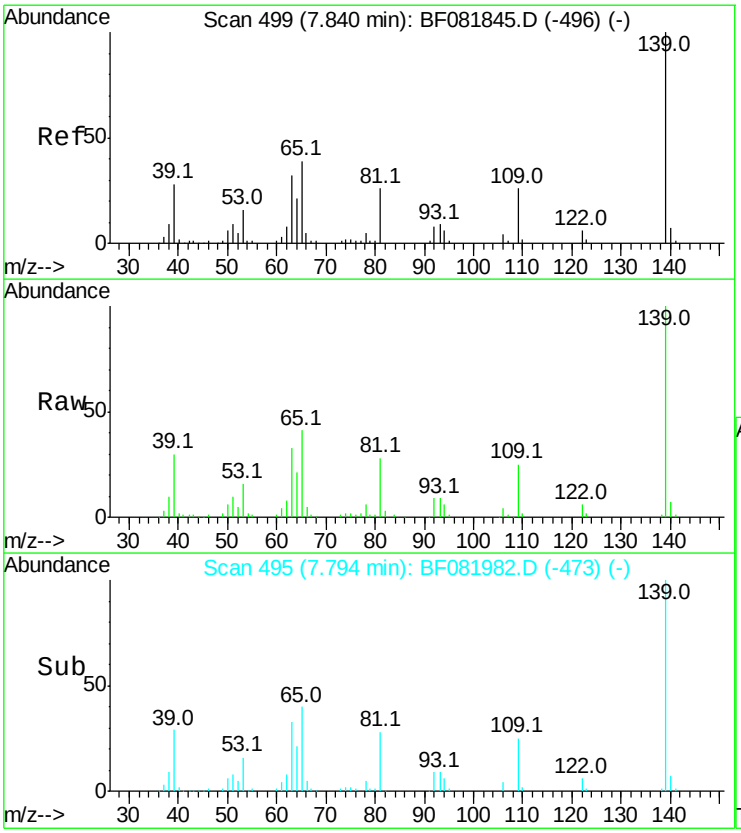
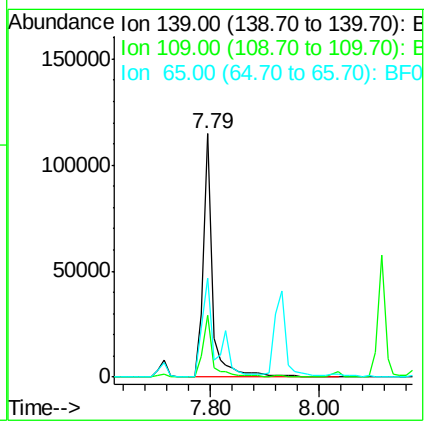
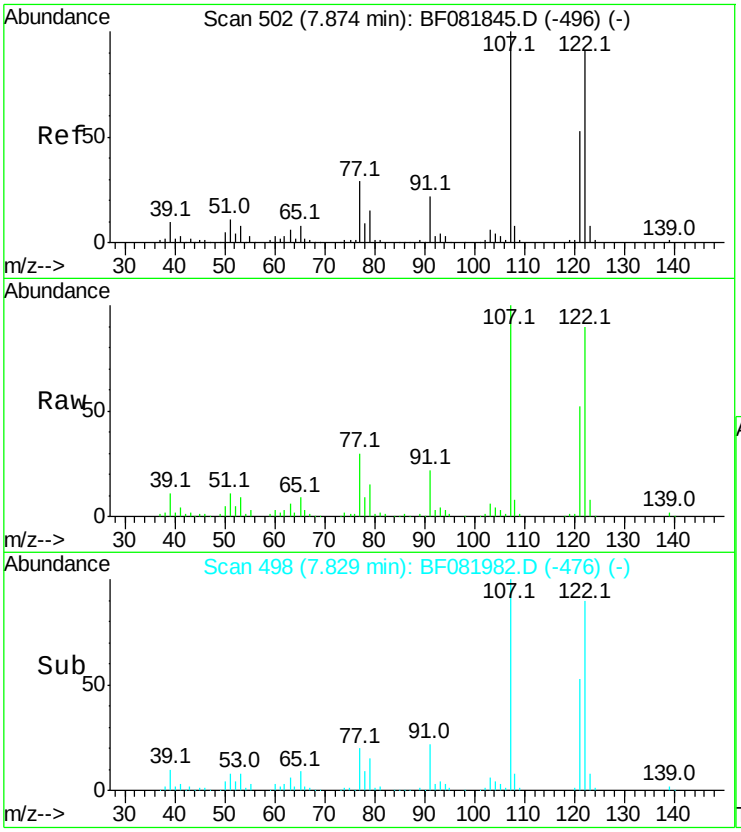


#26
2-Nitrophenol
Concen: 49.07 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:139 Resp: 134136

Ion	Ratio	Lower	Upper
139	100		
109	25.5	11.0	16.4#
65	40.7	24.7	37.1#

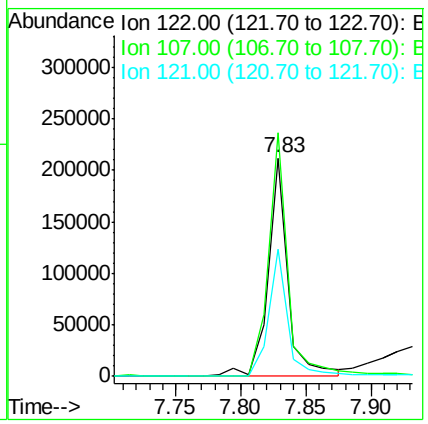




#27
2,4-Dimethylphenol
Concen: 46.80 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:122 Resp: 225071

Ion	Ratio	Lower	Upper
122	100		
107	111.7	71.8	107.6#
121	58.4	42.3	63.5



Instrument :
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ClientSampleId :
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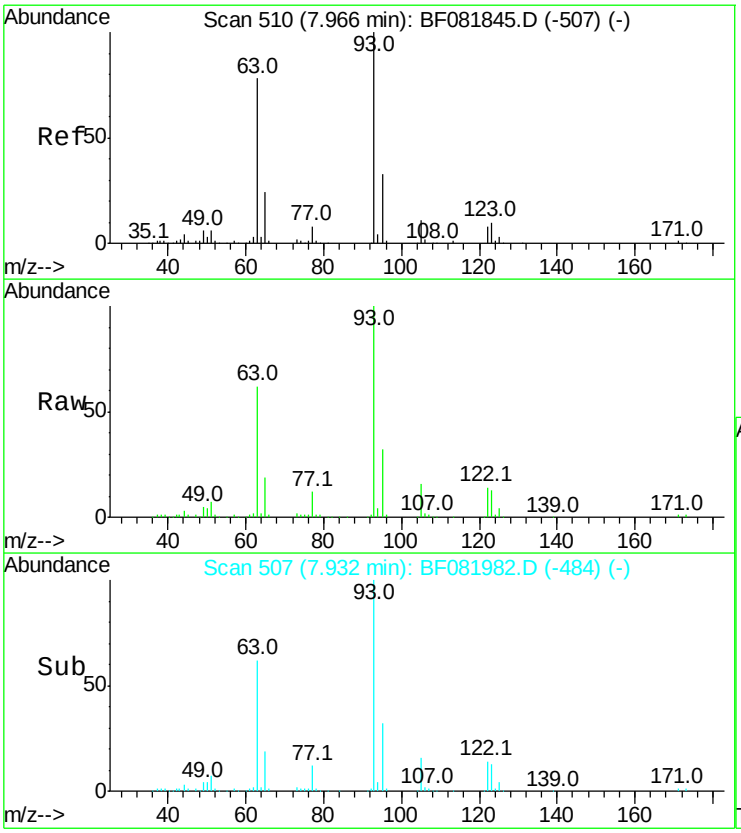
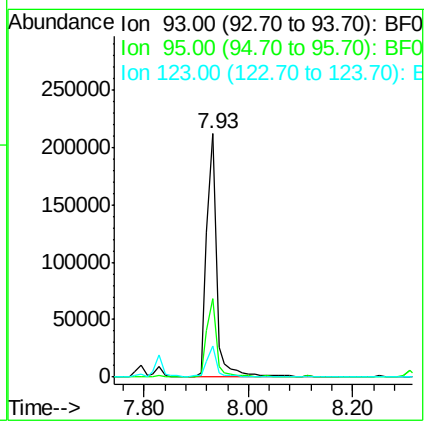
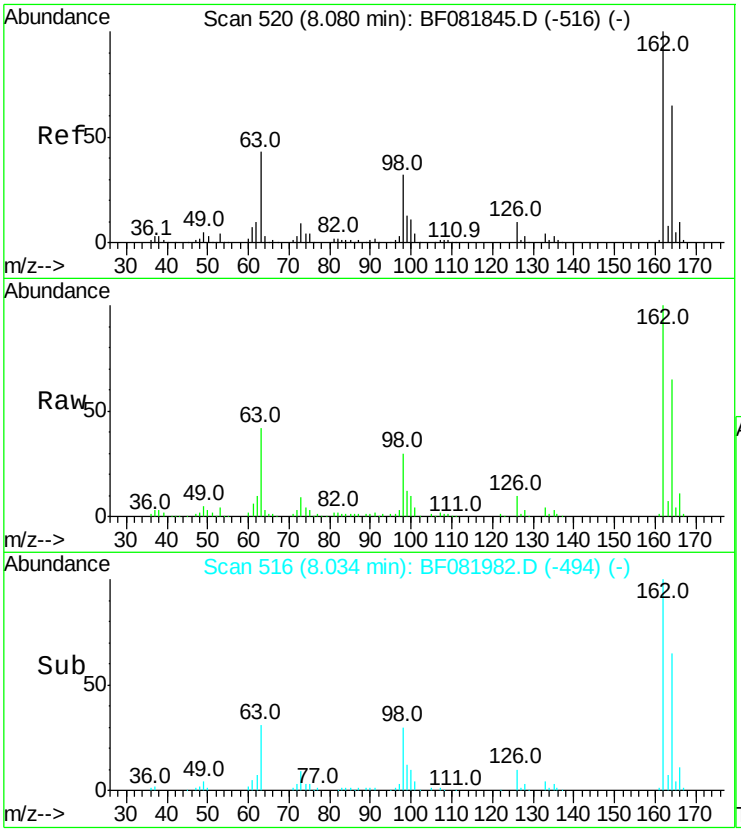


#28
bis(2-Chloroethoxy)methane
Concen: 45.39 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 93 Resp: 280223

Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.5	41.3
123	12.5	13.7	20.5#

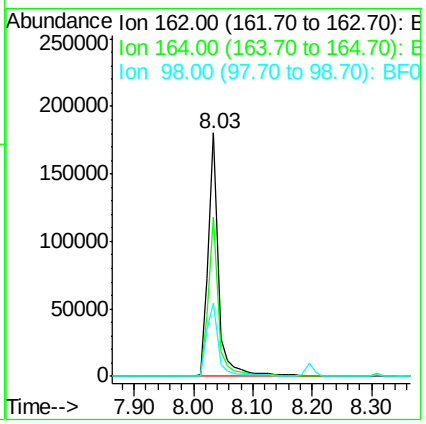




#29
2,4-Dichlorophenol
Concen: 47.43 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:162 Resp: 221198

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	30.3	13.0	53.0



Instrument :
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ClientSampleId :
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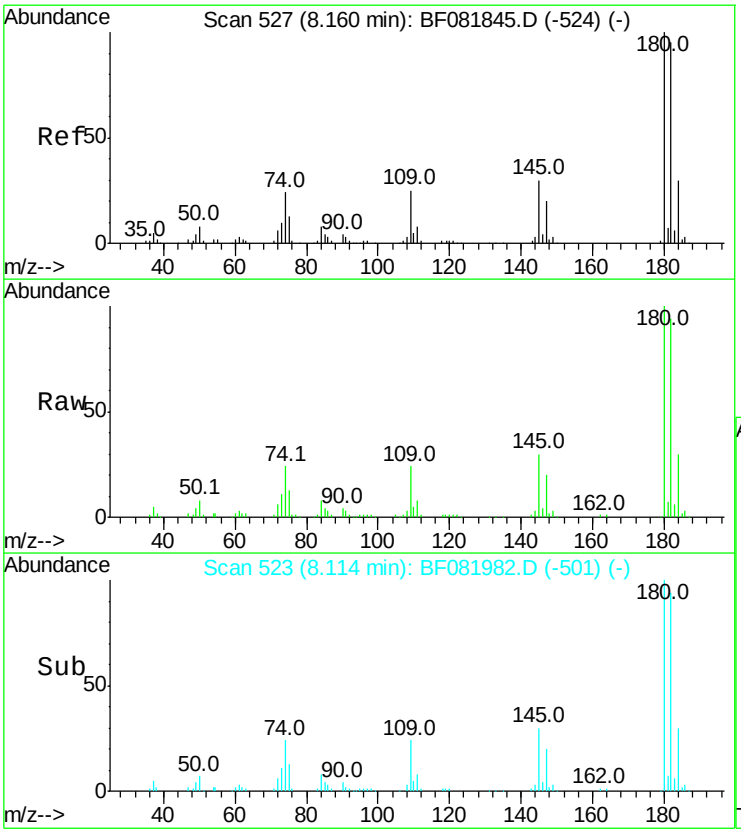
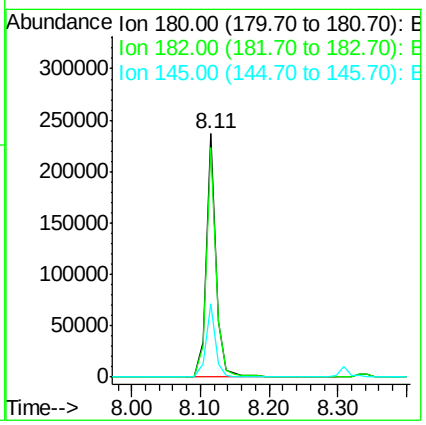
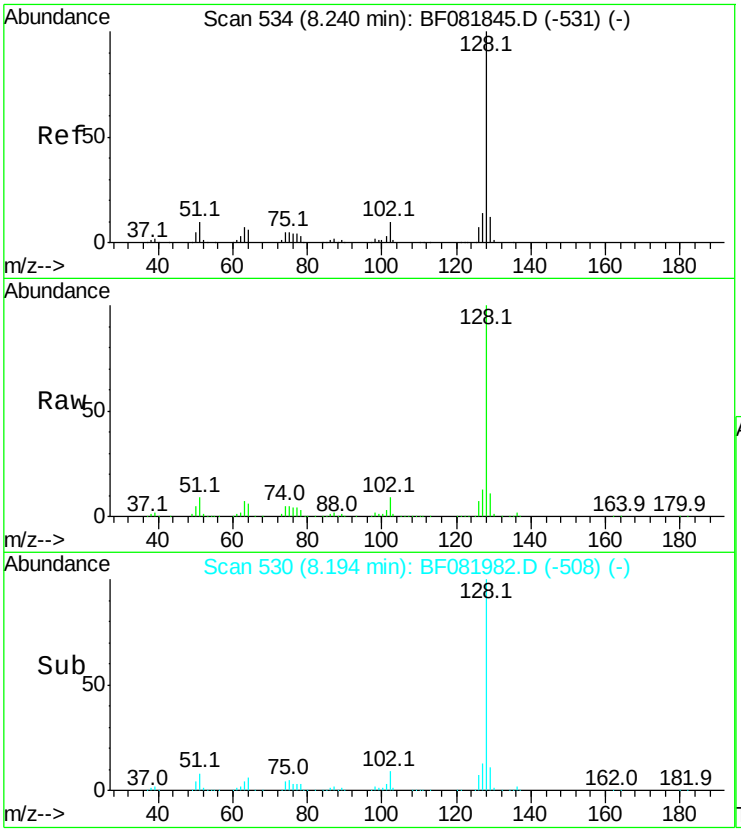


#30
1,2,4-Trichlorobenzene
Concen: 45.36 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:180 Resp: 236156

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
145	30.3	23.3	34.9

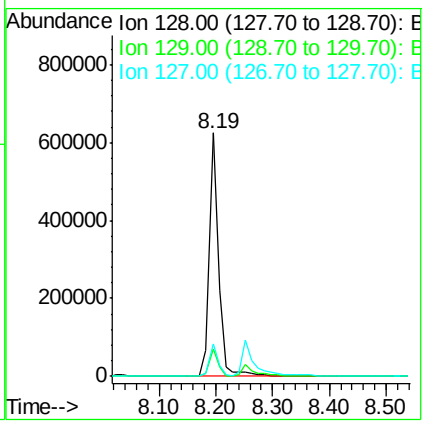




#31
Naphthalene
Concen: 44.40 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:128 Resp: 687837

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.3	9.9	14.9



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ClientSampleId :
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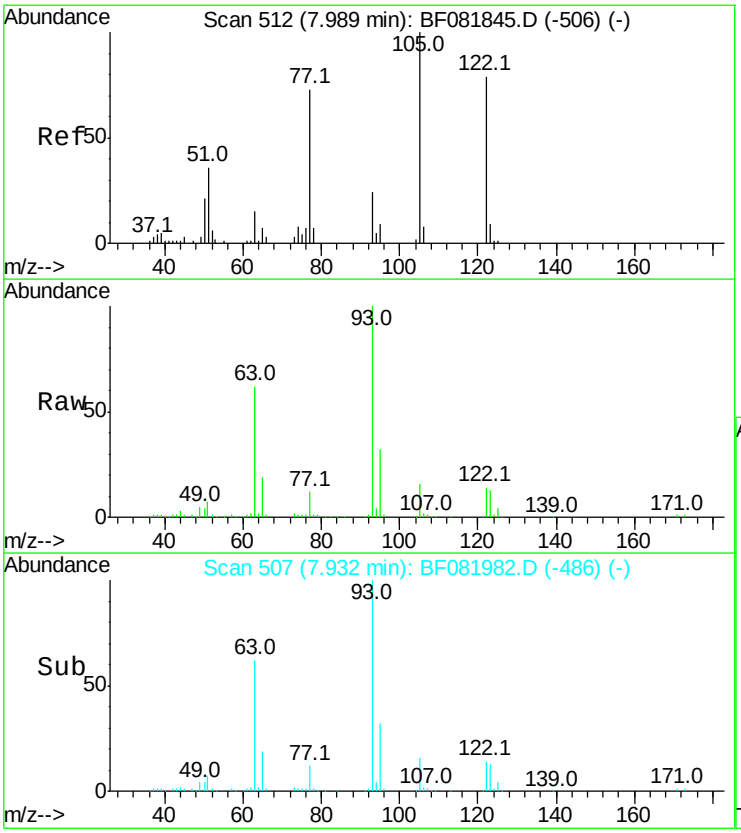
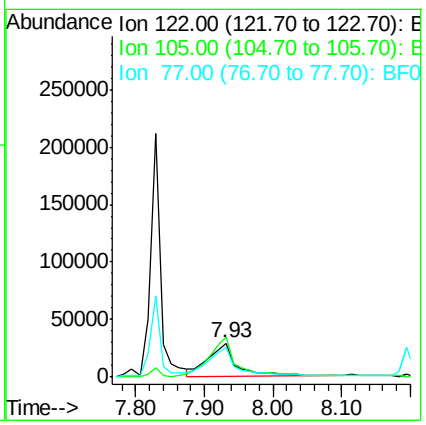
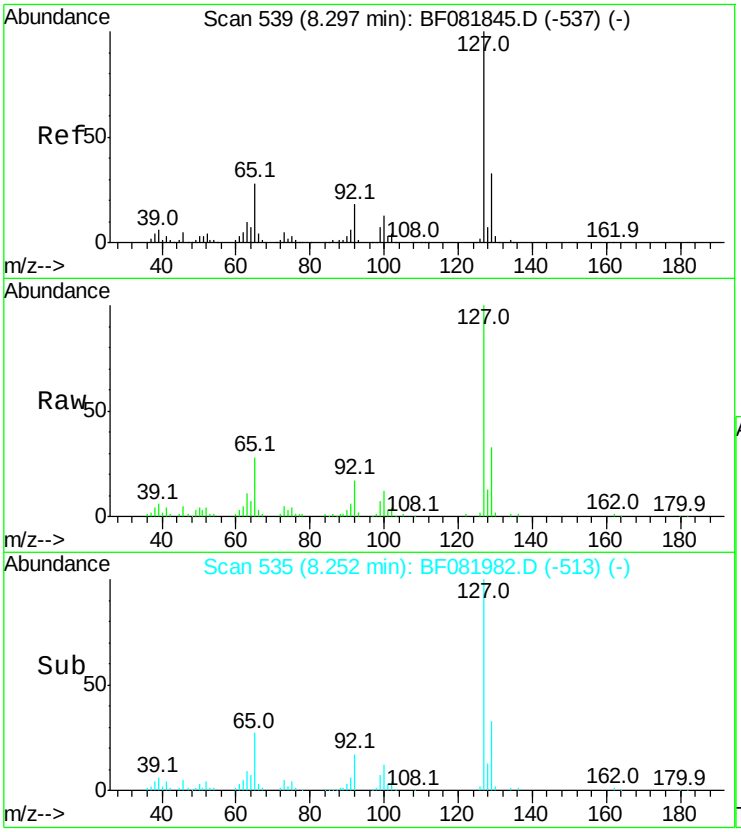


#32
Benzoic acid
Concen: 32.42 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:122 Resp: 85176

Ion	Ratio	Lower	Upper
122	100		
105	117.3	76.1	116.1#
77	89.0	40.5	80.5#

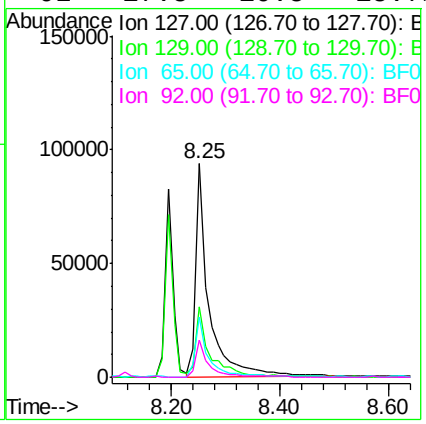




#33
4-Chloroaniline
Concen: 22.99 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:127 Resp: 153983

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	28.1	17.9	26.9#
92	17.5	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
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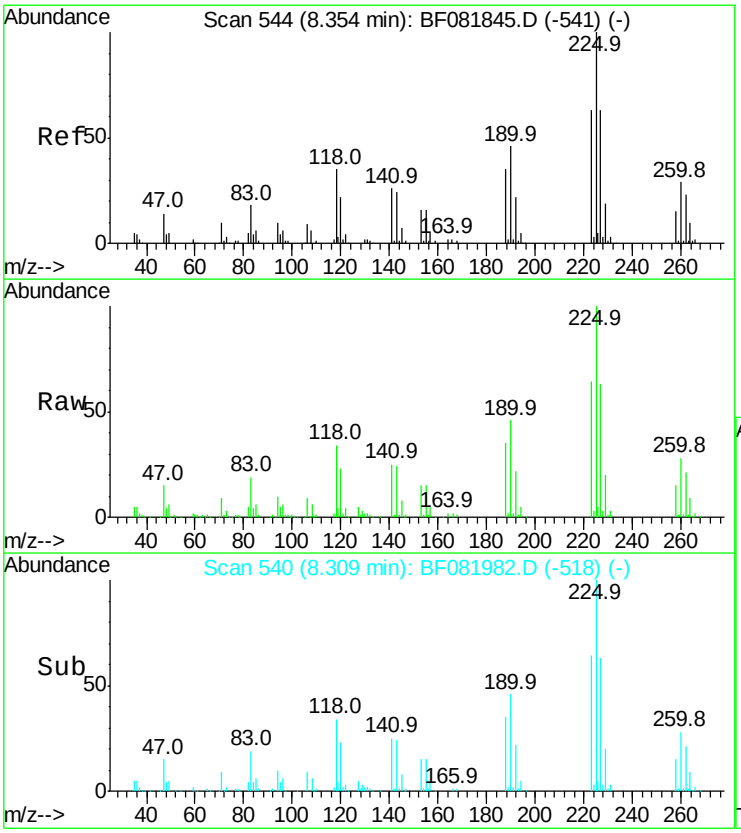
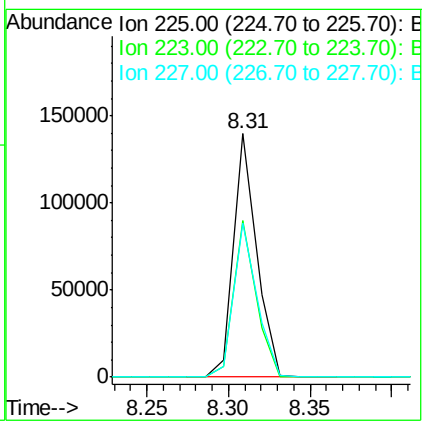
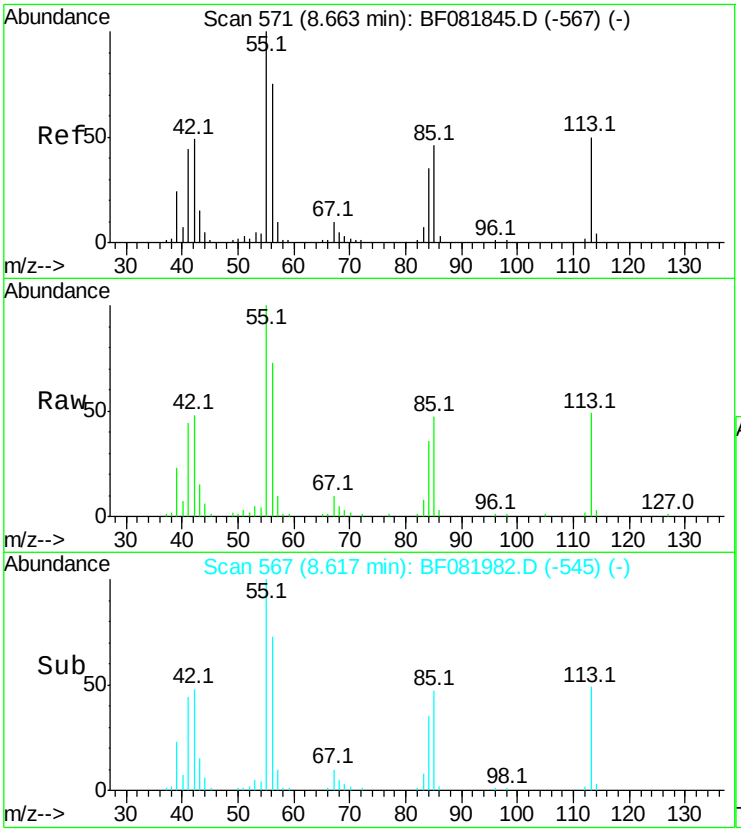


#34
Hexachlorobutadiene
Concen: 44.10 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:225 Resp: 135787

Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	63.3	52.2	78.2

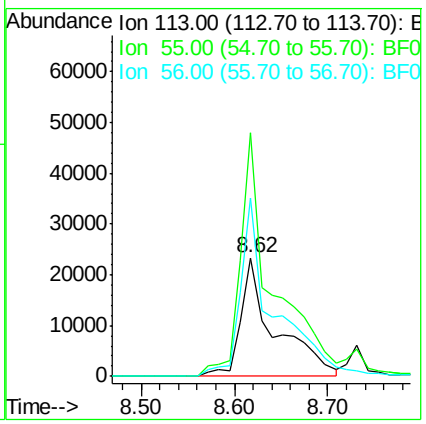




#35
Caprolactam
Concen: 46.21 ng
RT: 8.62 min Scan# 567
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:113 Resp: 59663

Ion	Ratio	Lower	Upper
113	100		
55	205.7	152.4	192.4#
56	150.2	104.6	144.6#



Instrument :
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ClientSampleId :
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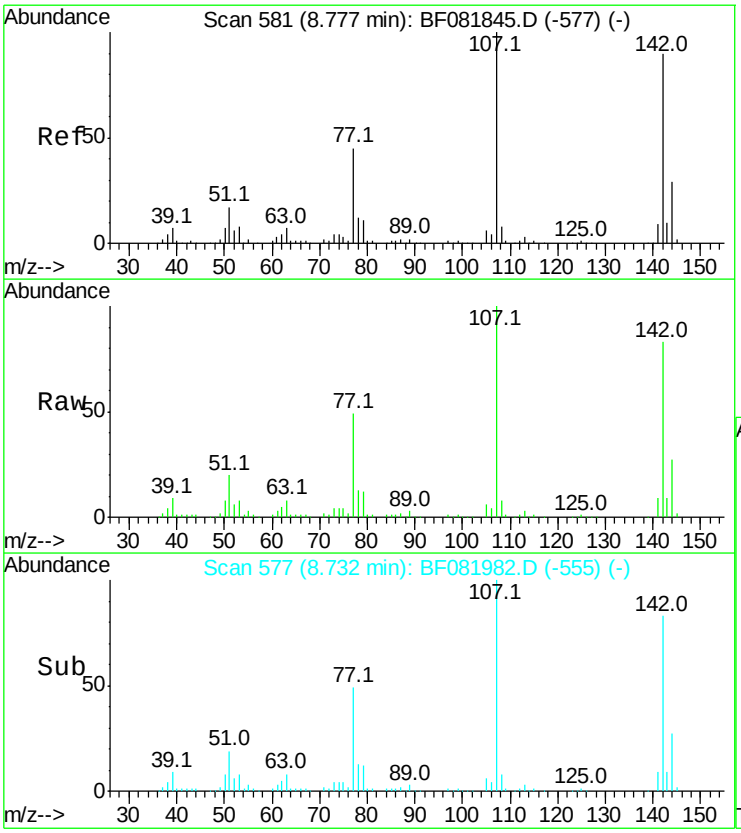
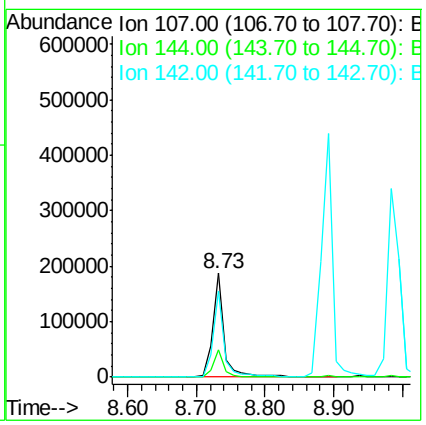
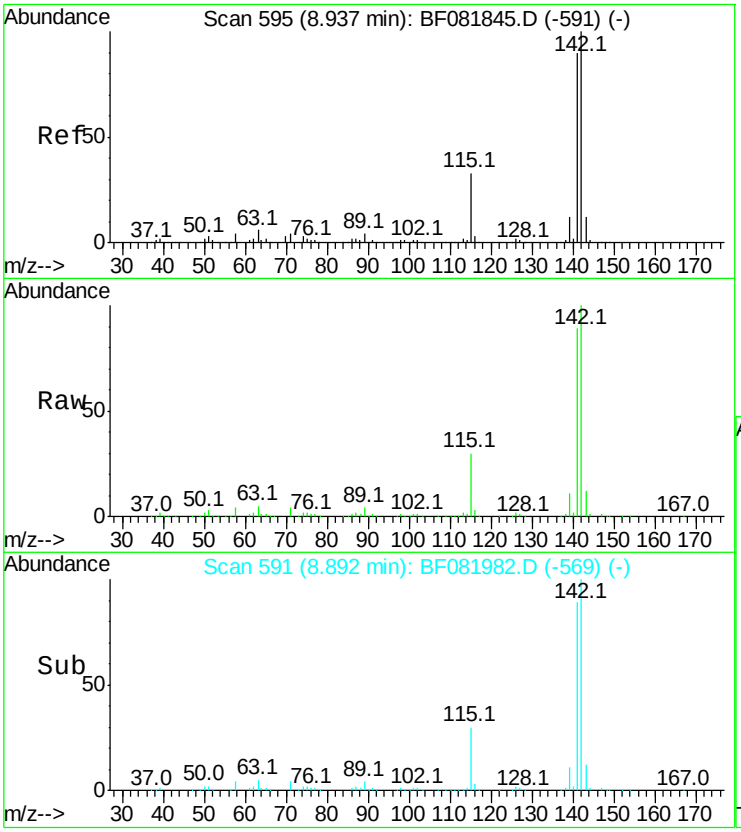


#36
4-Chloro-3-methylphenol
Concen: 48.45 ng
RT: 8.73 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:107 Resp: 220916

Ion	Ratio	Lower	Upper
107	100		
144	26.7	25.4	38.0
142	83.3	77.3	115.9

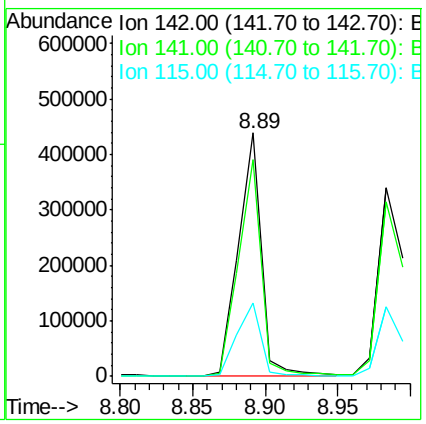




#37
2-Methylnaphthalene
Concen: 46.02 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:142 Resp: 486679

Ion	Ratio	Lower	Upper
142	100		
141	89.0	67.5	101.3
115	30.3	18.2	27.2#



Instrument :
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ClientSampleId :
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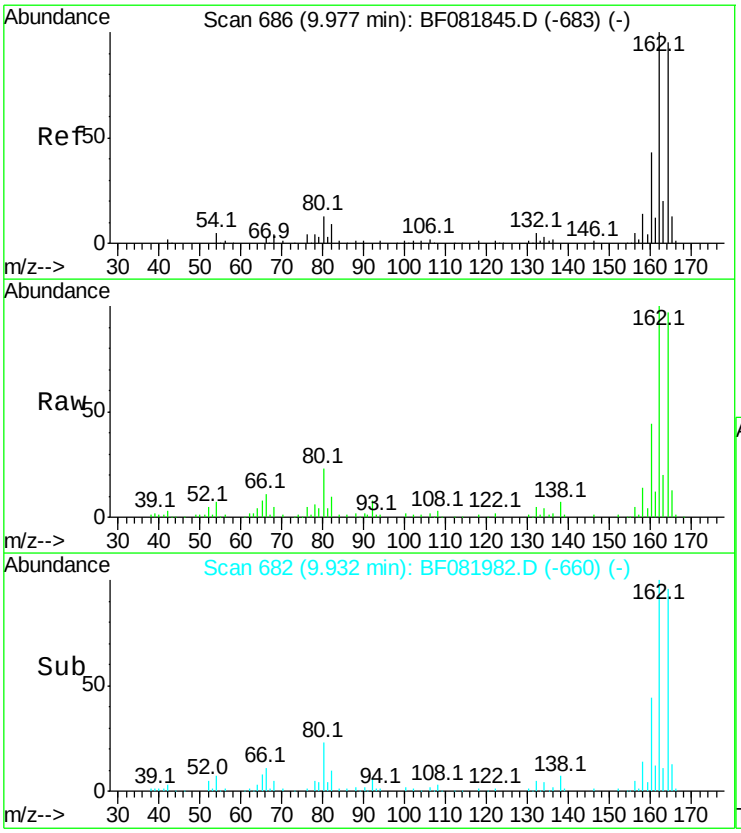
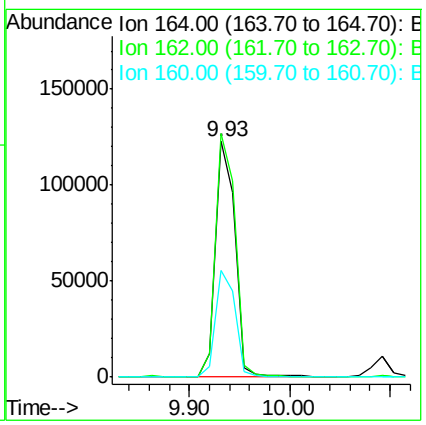
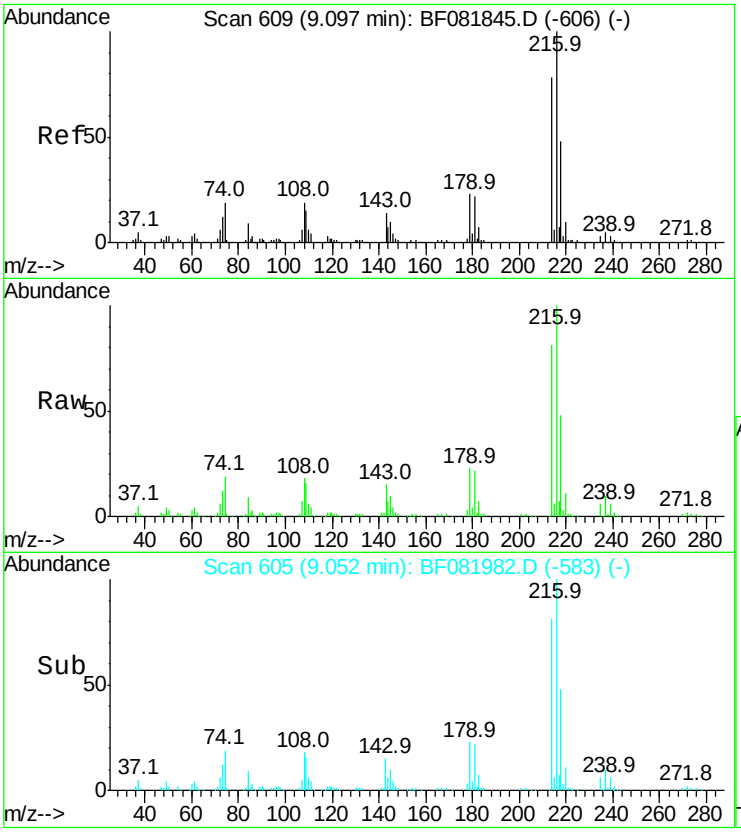


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:164 Resp: 165749

Ion	Ratio	Lower	Upper
164	100		
162	103.2	75.2	112.8
160	45.3	31.5	47.3

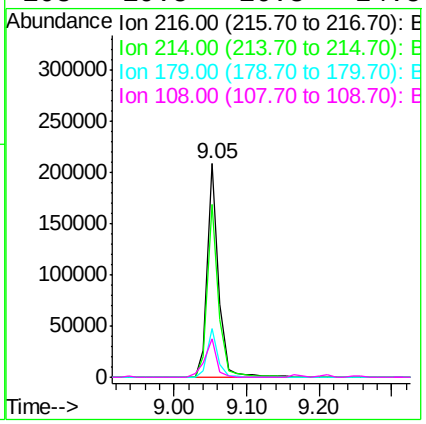




#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.56 ng
RT: 9.05 min Scan# 605
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:216 Resp: 226772

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.5	95.3
179	21.5	16.6	24.8
108	19.5	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
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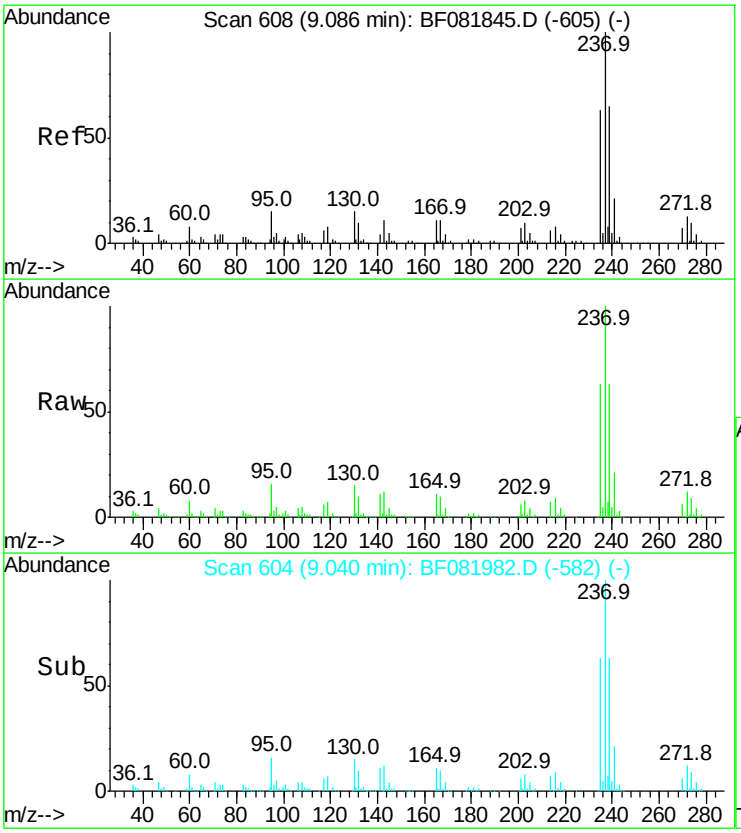
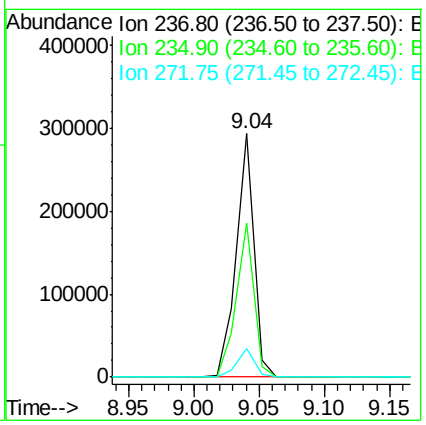
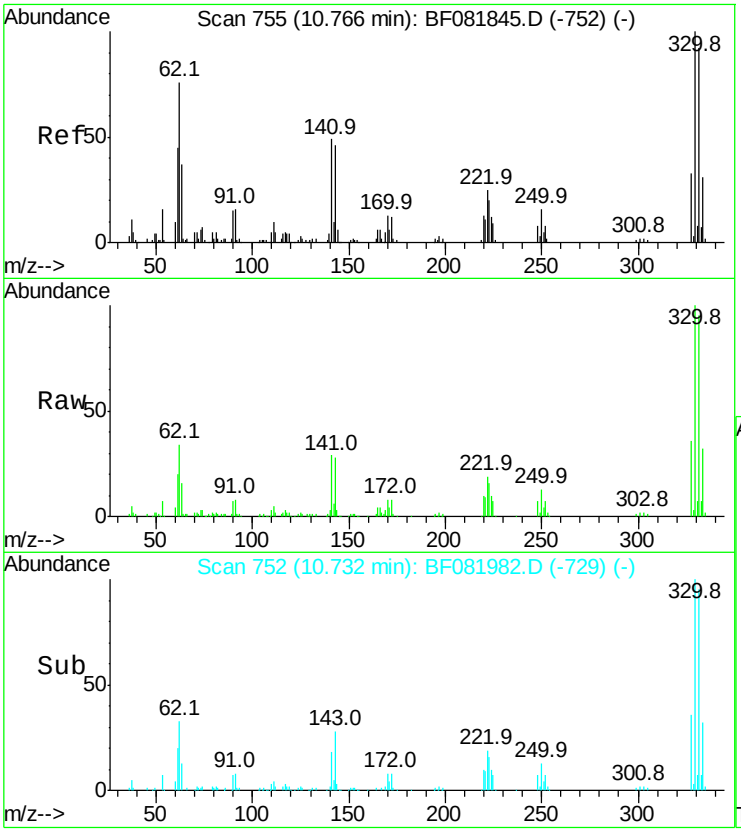


#40
Hexachlorocyclopentadiene
Concen: 104.45 ng
RT: 9.04 min Scan# 604
Delta R.T. -0.04 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:237 Resp: 273698

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	11.6	0.0	36.1

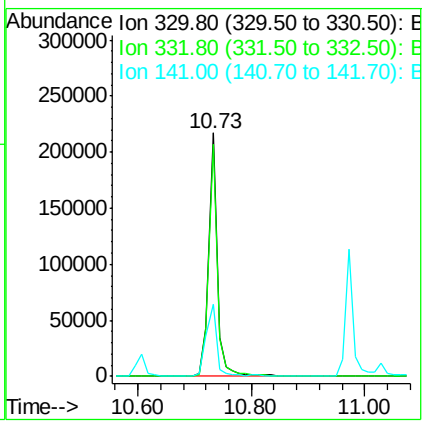




#41
2,4,6-Tribromophenol
Concen: 133.03 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:330 Resp: 223301

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	34.7	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
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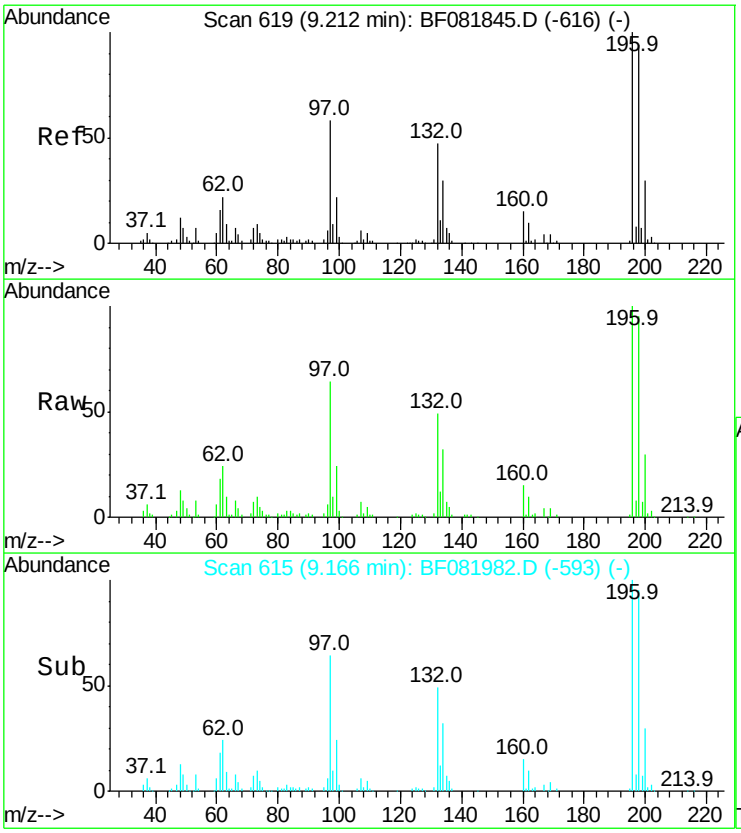
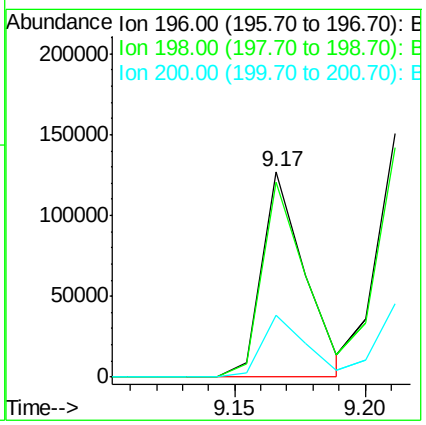
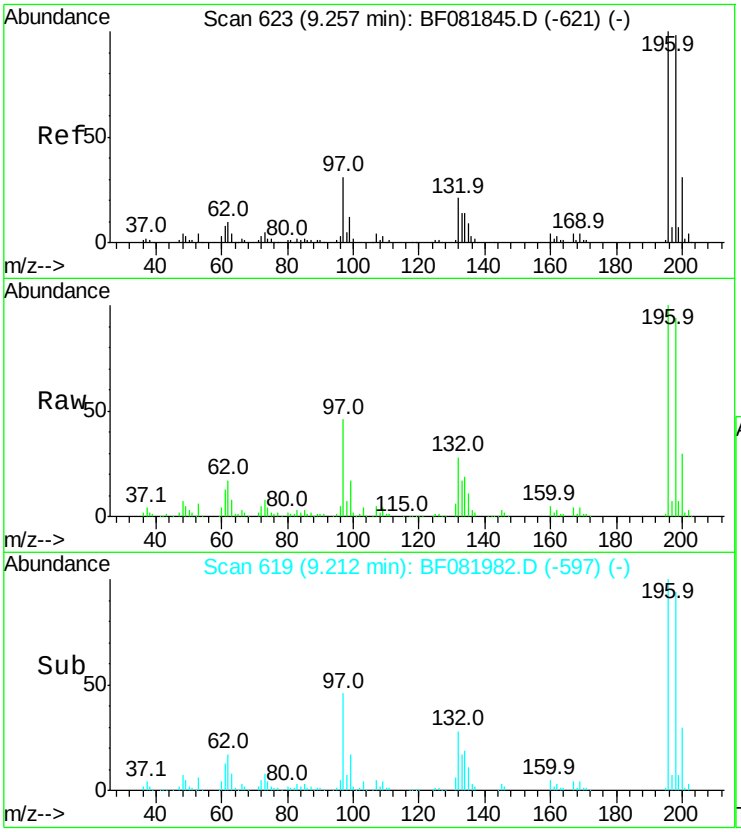


#42
2,4,6-Trichlorophenol
Concen: 41.89 ng
RT: 9.17 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:196 Resp: 146123

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
200	30.3	23.9	35.9

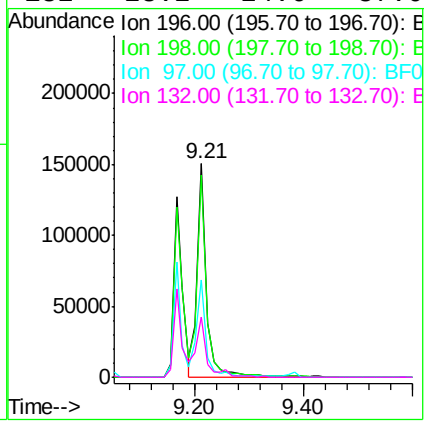




#43
2,4,5-Trichlorophenol
Concen: 49.61 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:196 Resp: 177978

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
97	45.6	33.3	49.9
132	28.2	24.6	37.0



Instrument :
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ClientSampleId :
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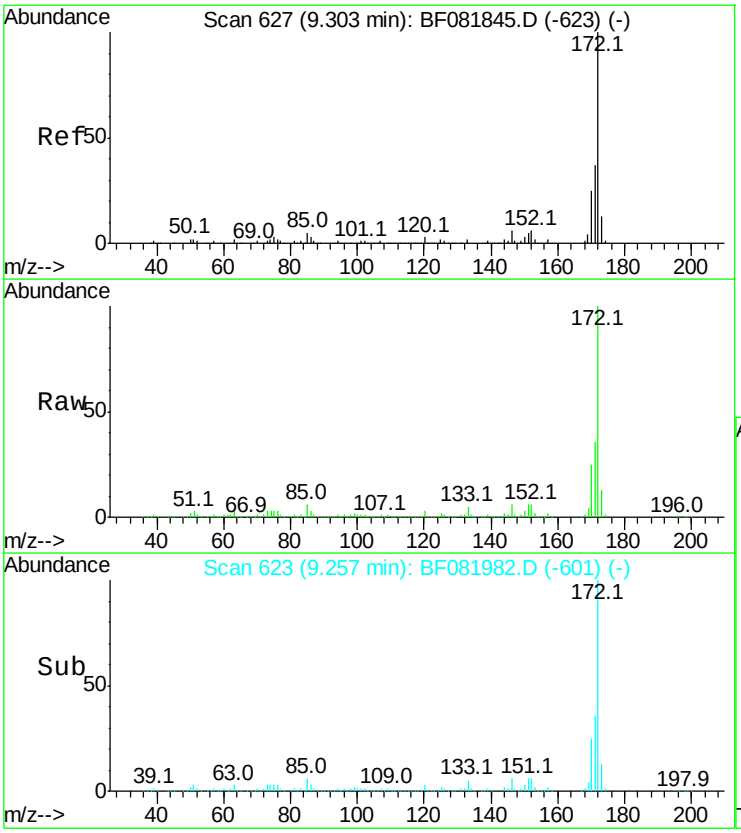
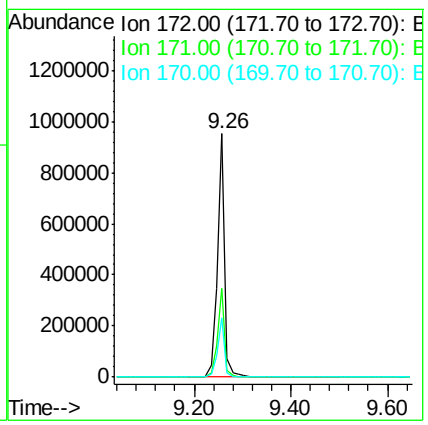
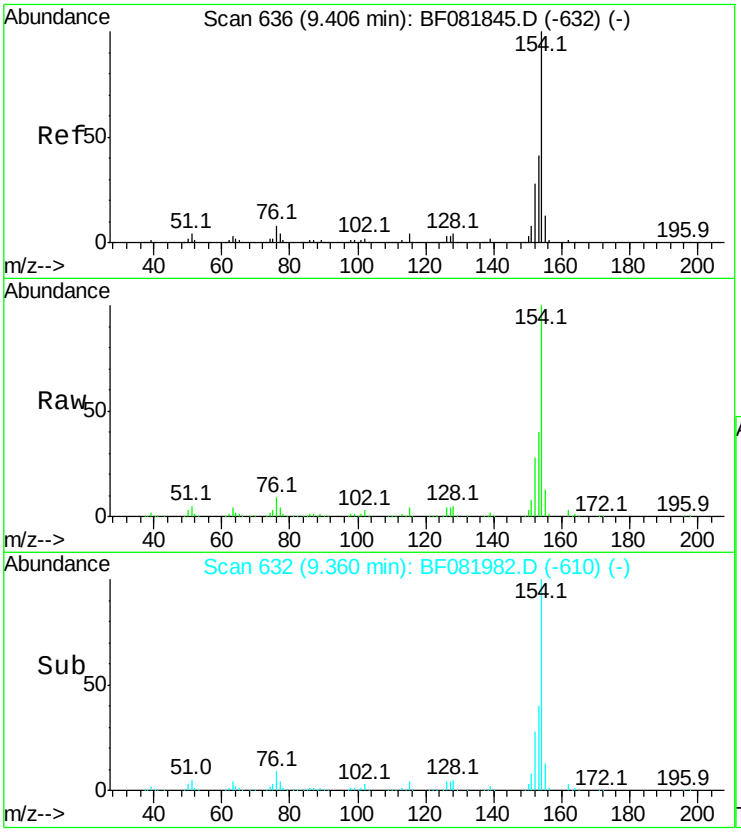


#44
2-Fluorobiphenyl
Concen: 107.12 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:172 Resp: 1008094

Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.5	17.4	26.2

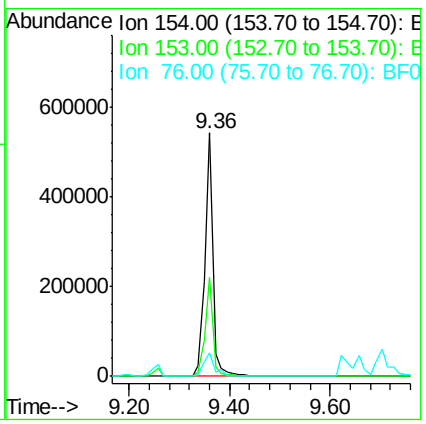




#45
1,1'-Biphenyl
Concen: 47.52 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:154 Resp: 607596

Ion	Ratio	Lower	Upper
154	100		
153	40.5	17.1	57.1
76	9.4	0.0	31.6



Instrument :
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ClientSampleId :
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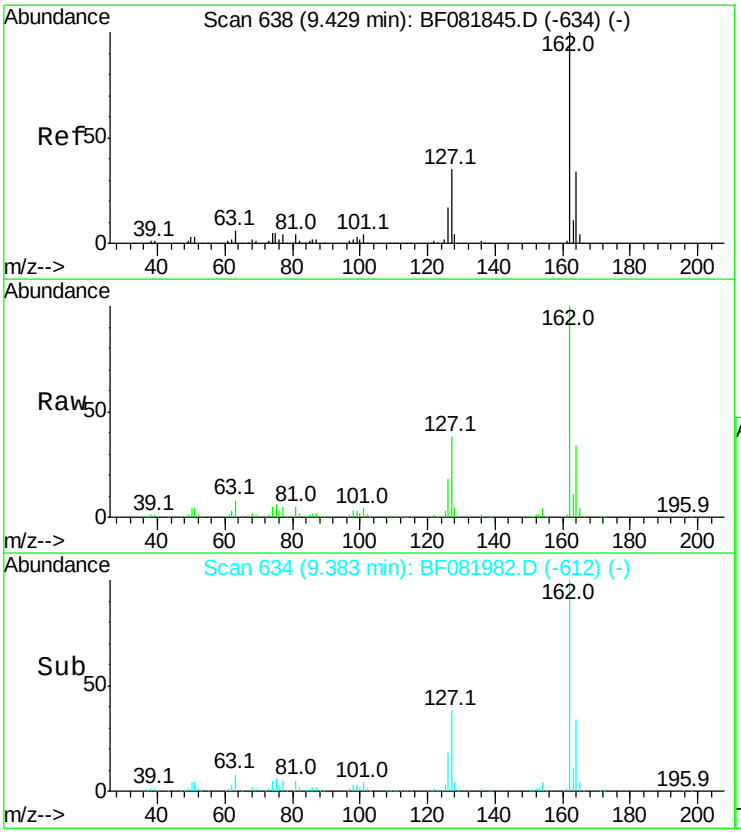
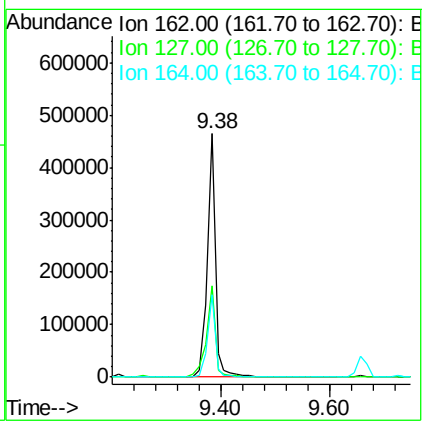
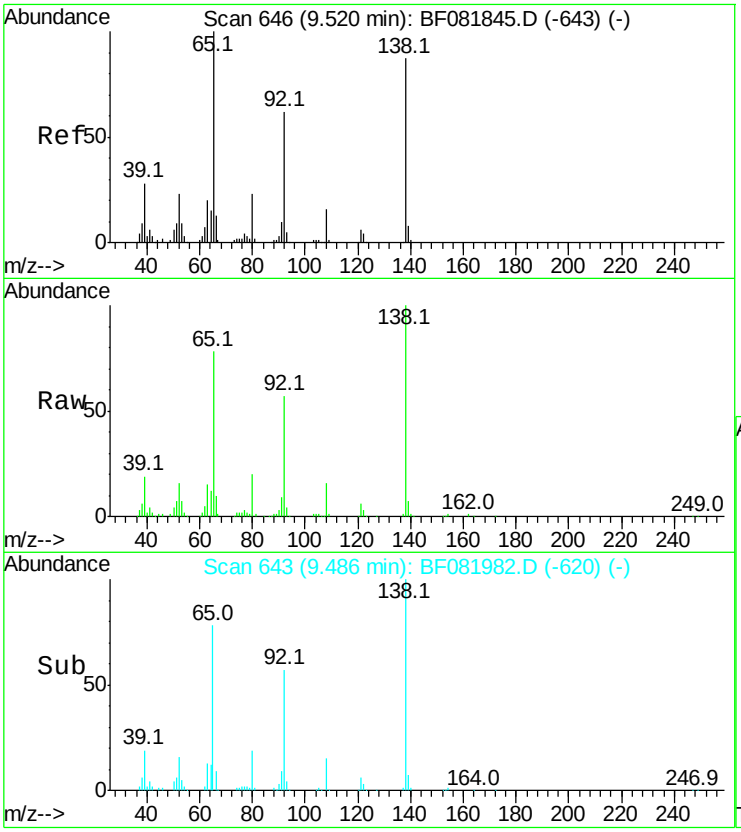


#46
2-Chloronaphthalene
Concen: 47.88 ng
RT: 9.38 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:162 Resp: 480730

Ion	Ratio	Lower	Upper
162	100		
127	37.6	27.6	41.4
164	33.6	25.4	38.2

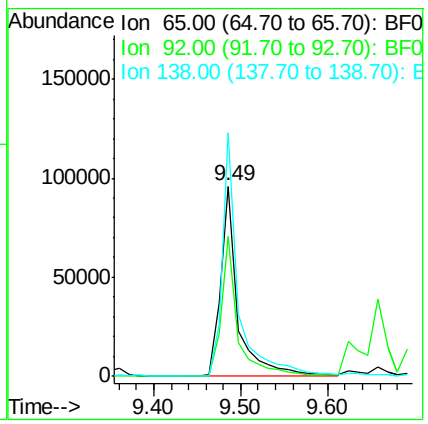




#47
2-Nitroaniline
Concen: 46.22 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 65 Resp: 136247

Ion	Ratio	Lower	Upper
65	100		
92	73.5	55.4	83.0
138	128.0	115.5	173.3



Instrument :
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ClientSampleId :
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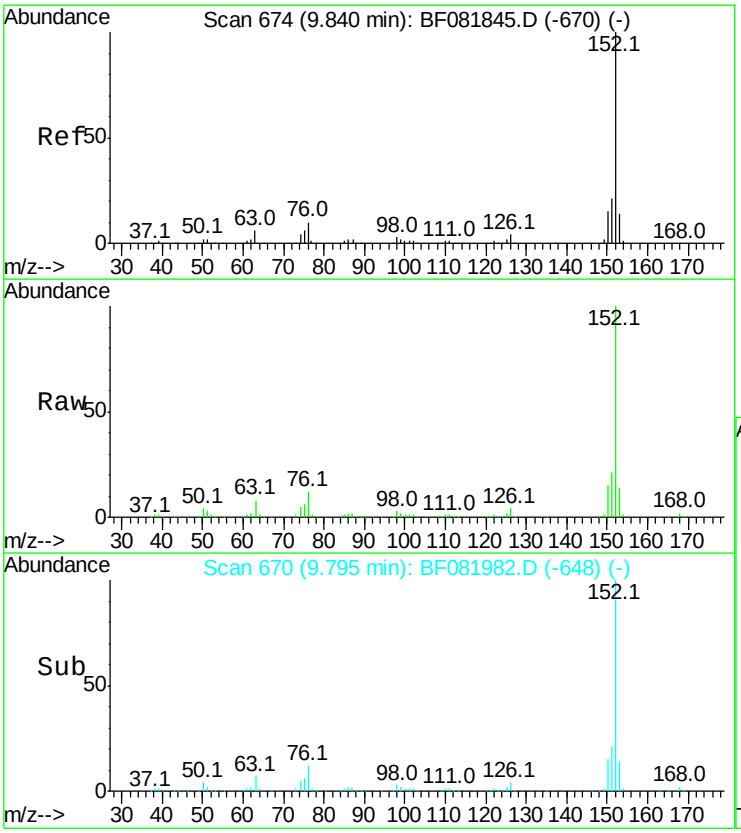
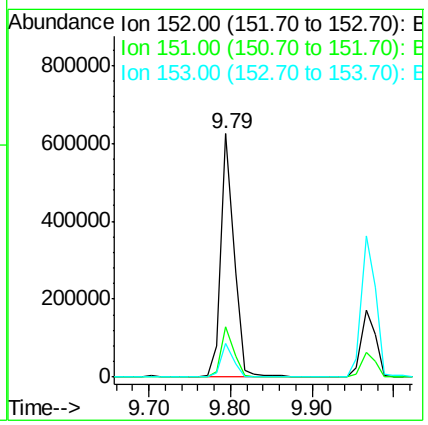
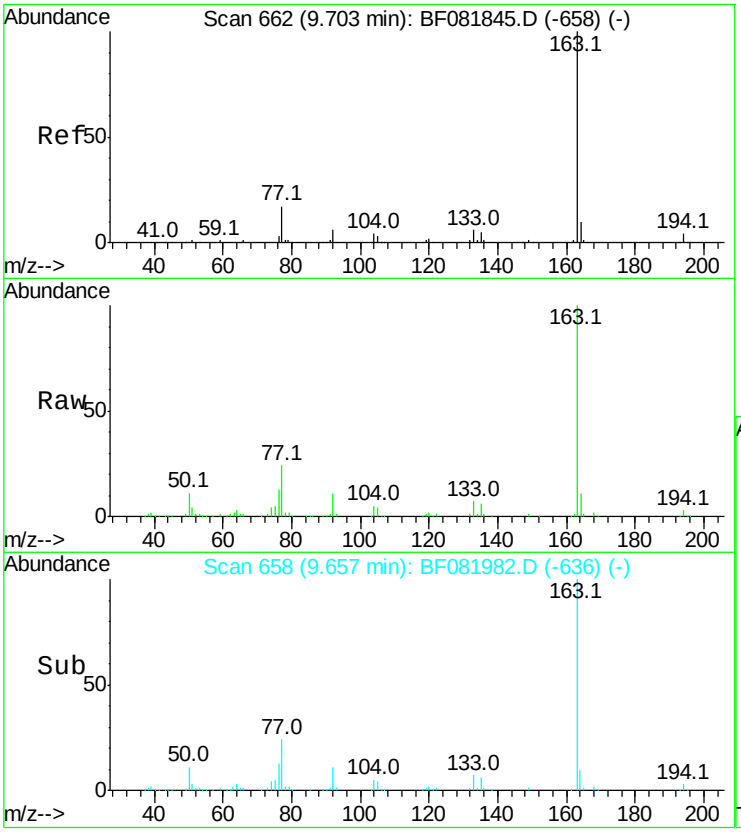


#48
Acenaphthylene
Concen: 43.62 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:152 Resp: 700935

Ion	Ratio	Lower	Upper
152	100		
151	20.6	14.6	22.0
153	13.7	10.3	15.5

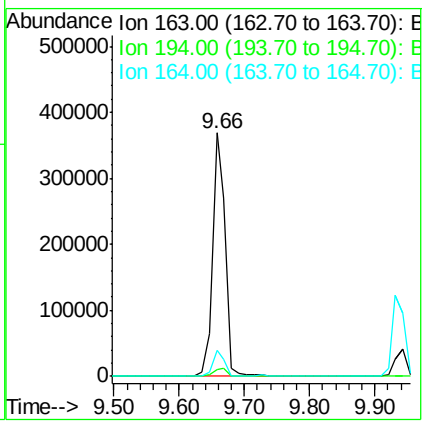




#49
Dimethylphthalate
Concen: 44.44 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:163 Resp: 508412

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
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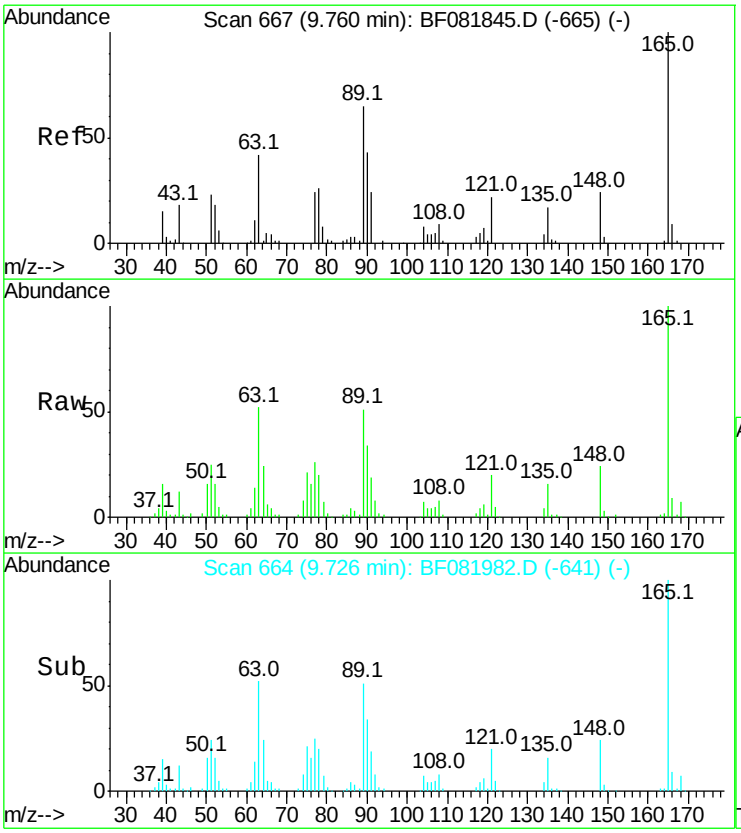
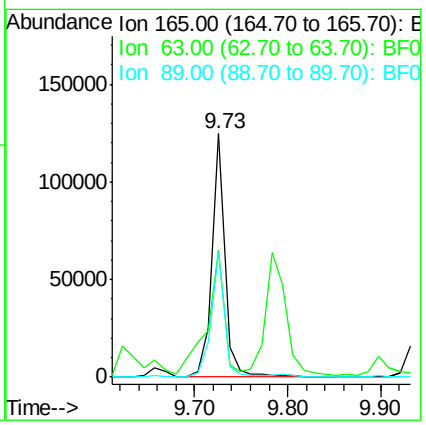
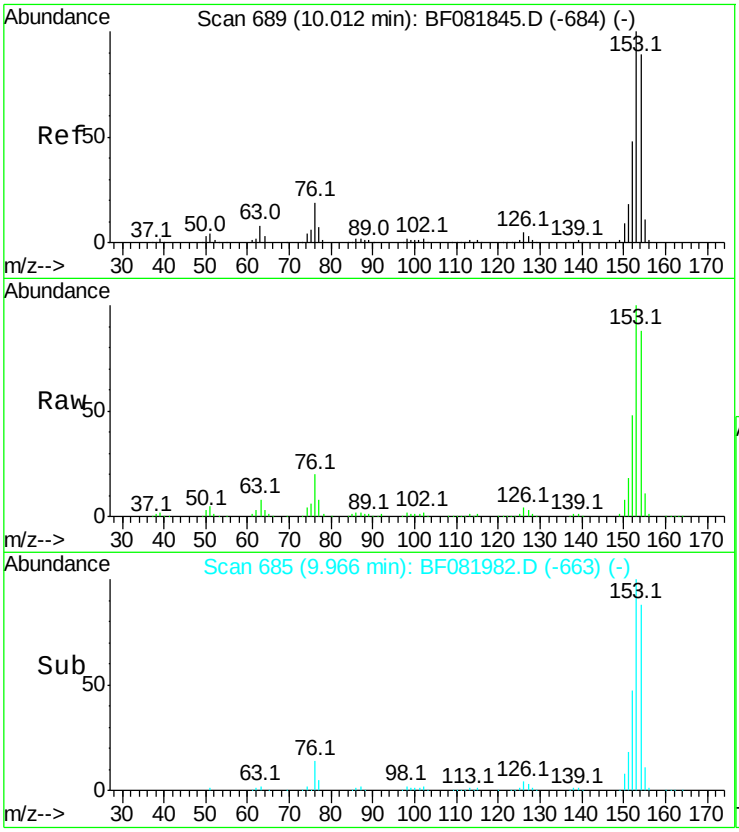


#50
2,6-Dinitrotoluene
Concen: 49.06 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:165 Resp: 121868

Ion	Ratio	Lower	Upper
165	100		
63	52.3	32.3	48.5#
89	50.9	28.6	43.0#

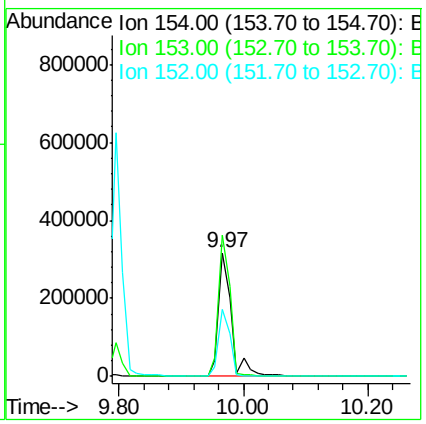




#51
Acenaphthene
Concen: 47.68 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:154 Resp: 455031

Ion	Ratio	Lower	Upper
154	100		
153	114.0	82.1	123.1
152	54.2	37.9	56.9



Instrument :
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ClientSampleId :
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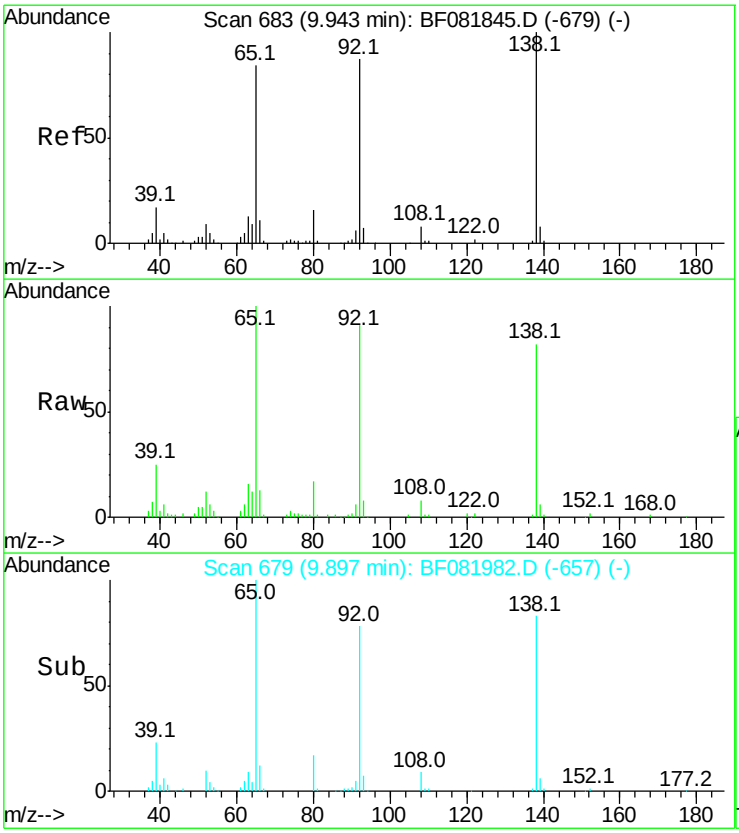
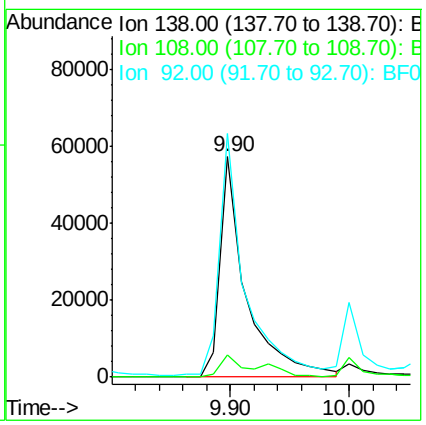
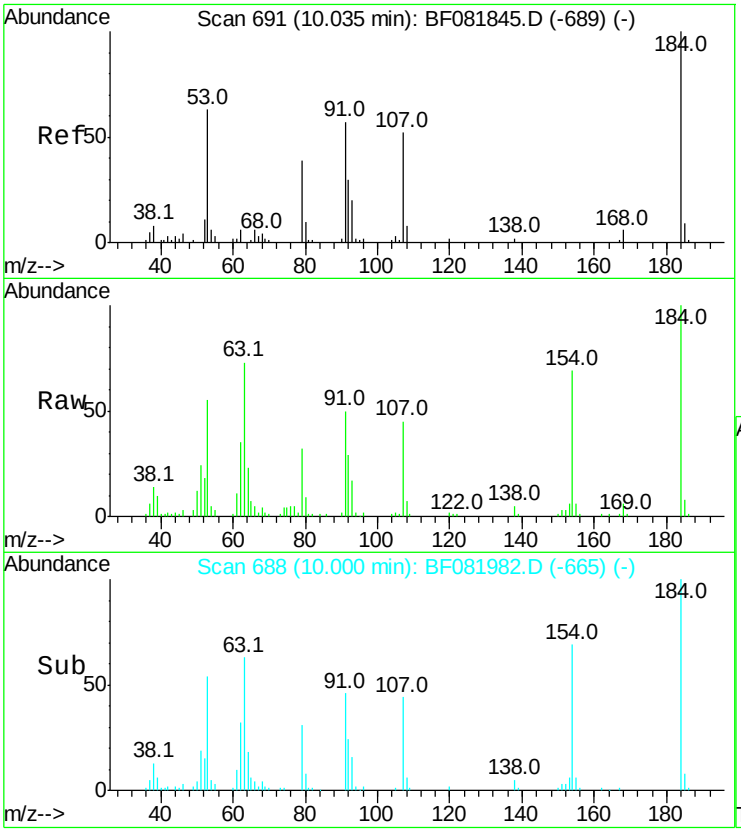


#52
3-Nitroaniline
Concen: 30.33 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:138 Resp: 87155

Ion	Ratio	Lower	Upper
138	100		
108	10.2	5.7	8.5#
92	110.6	67.7	101.5#

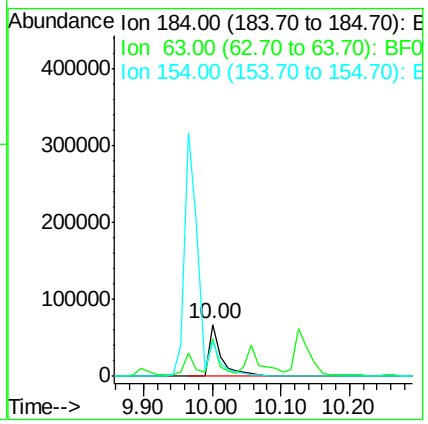




#53
2,4-Dinitrophenol
Concen: 75.46 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:184 Resp: 87699

Ion	Ratio	Lower	Upper
184	100		
63	72.7	35.4	53.2#
154	68.7	32.2	48.4#



Instrument :
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ClientSampleId :
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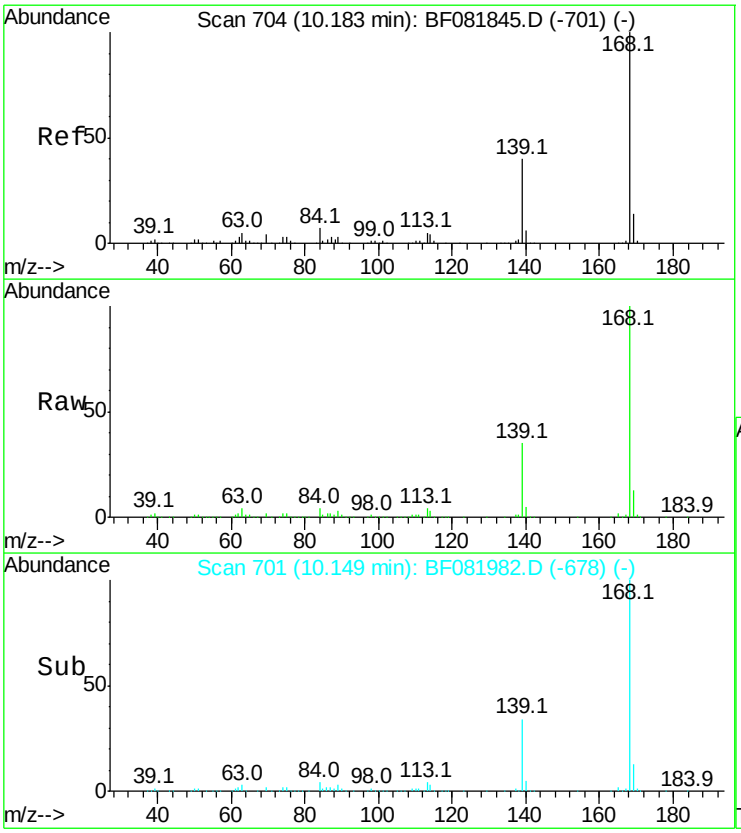
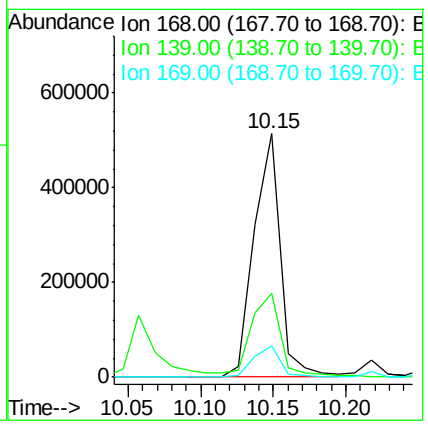
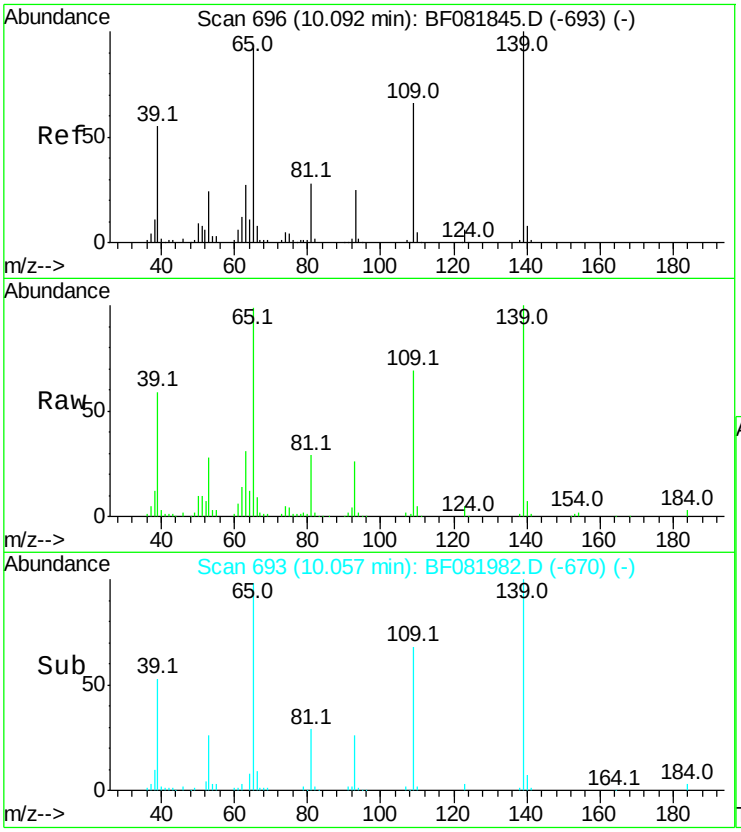


#54
Dibenzofuran
Concen: 47.97 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:168 Resp: 647001

Ion	Ratio	Lower	Upper
168	100		
139	34.5	24.2	36.2
169	12.9	10.6	15.8

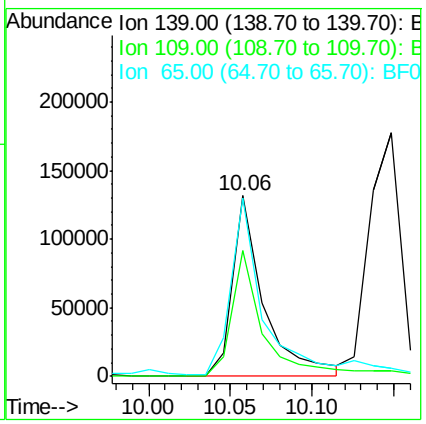




#55
4-Nitrophenol
Concen: 84.64 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:139 Resp: 175747

Ion	Ratio	Lower	Upper
139	100		
109	69.5	12.7	52.7#
65	98.6	45.9	85.9#



Instrument :
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ClientSampleId :
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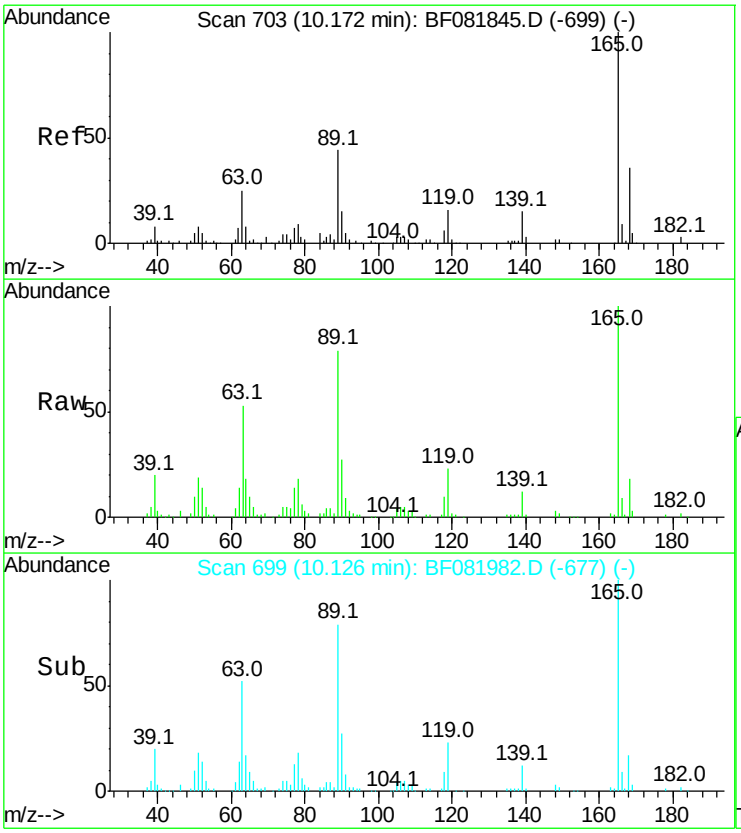
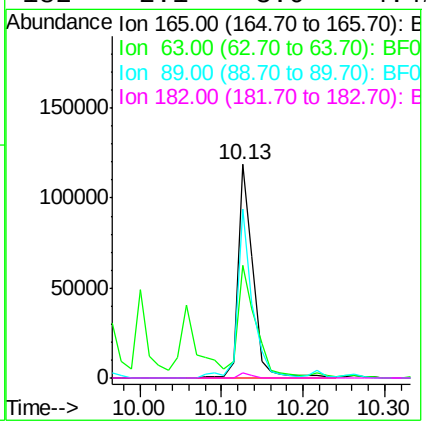
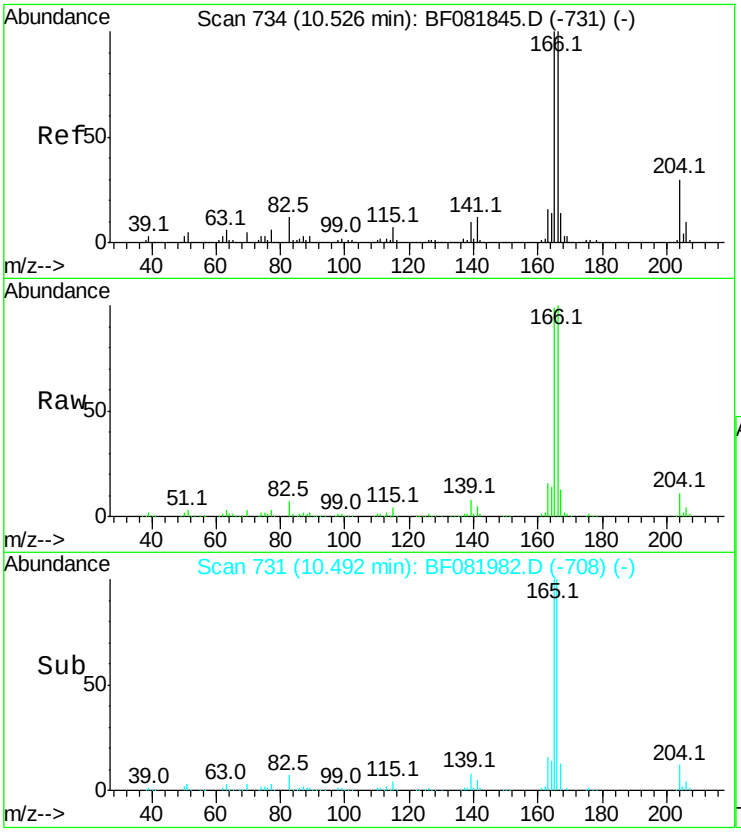


#56
2,4-Dinitrotoluene
Concen: 47.42 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:165 Resp: 150171

Ion	Ratio	Lower	Upper
165	100		
63	53.0	29.8	44.6#
89	79.0	44.5	66.7#
182	2.1	3.0	4.4#

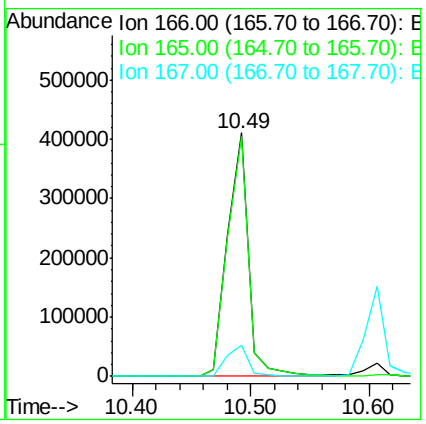




#57
Fluorene
Concen: 52.81 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:166 Resp: 505823

Ion	Ratio	Lower	Upper
166	100		
165	98.7	72.6	109.0
167	13.0	10.6	16.0



Instrument :
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ClientSampleId :
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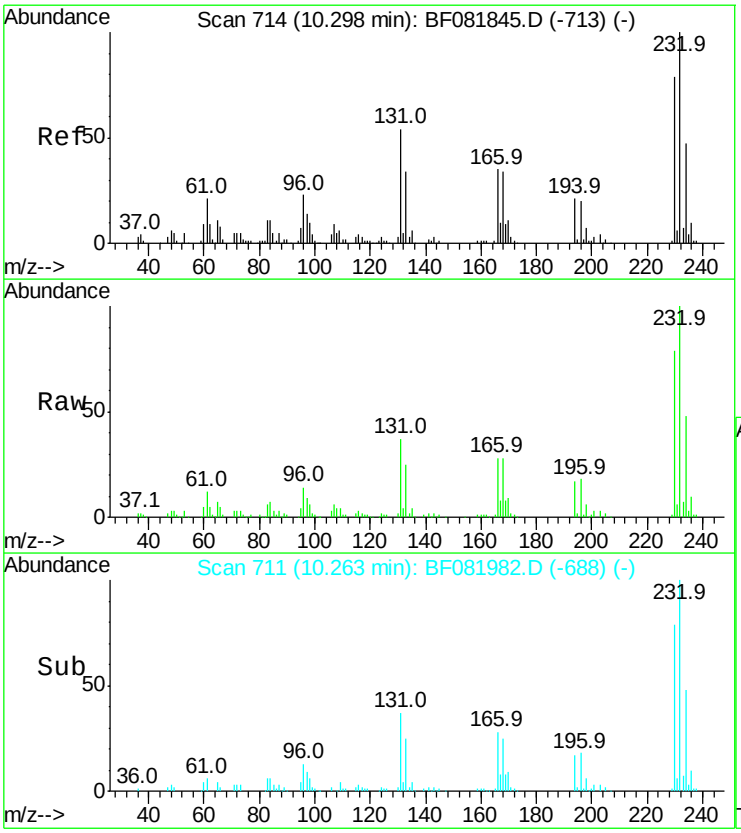
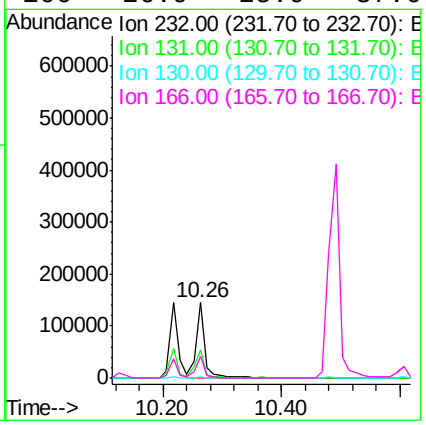
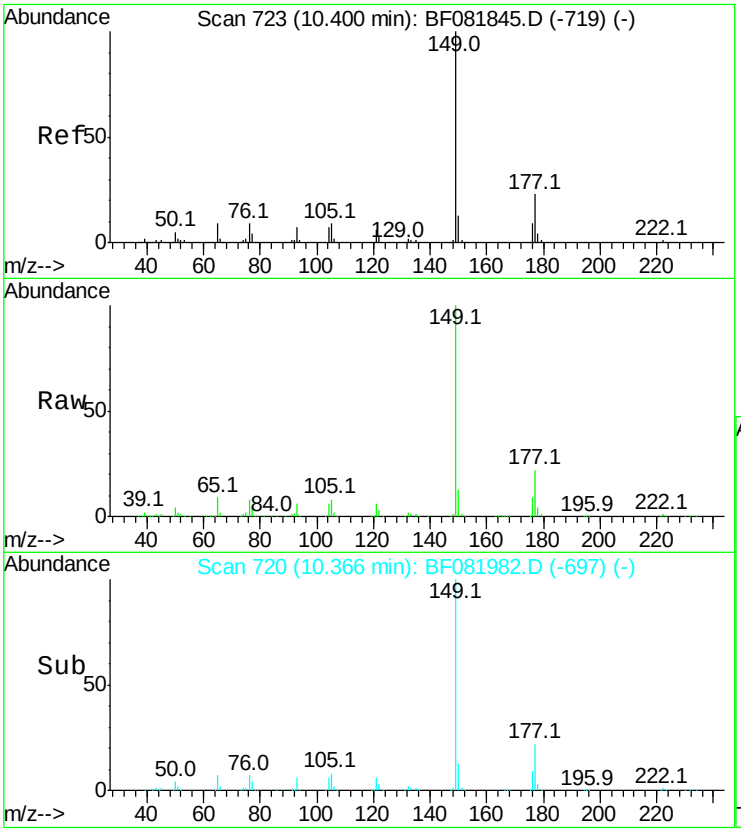


#58
2,3,4,6-Tetrachlorophenol
Concen: 53.09 ng
RT: 10.26 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:232 Resp: 151070

Ion	Ratio	Lower	Upper
232	100		
131	40.2	38.5	57.7
130	1.6	1.8	2.6#
166	26.9	25.0	37.6

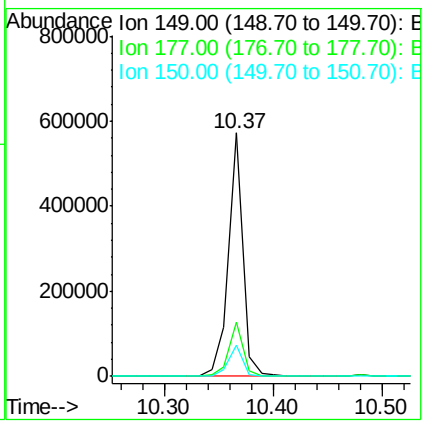




#59
Diethylphthalate
Concen: 48.95 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:149 Resp: 523079

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.5	26.3
150	12.7	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
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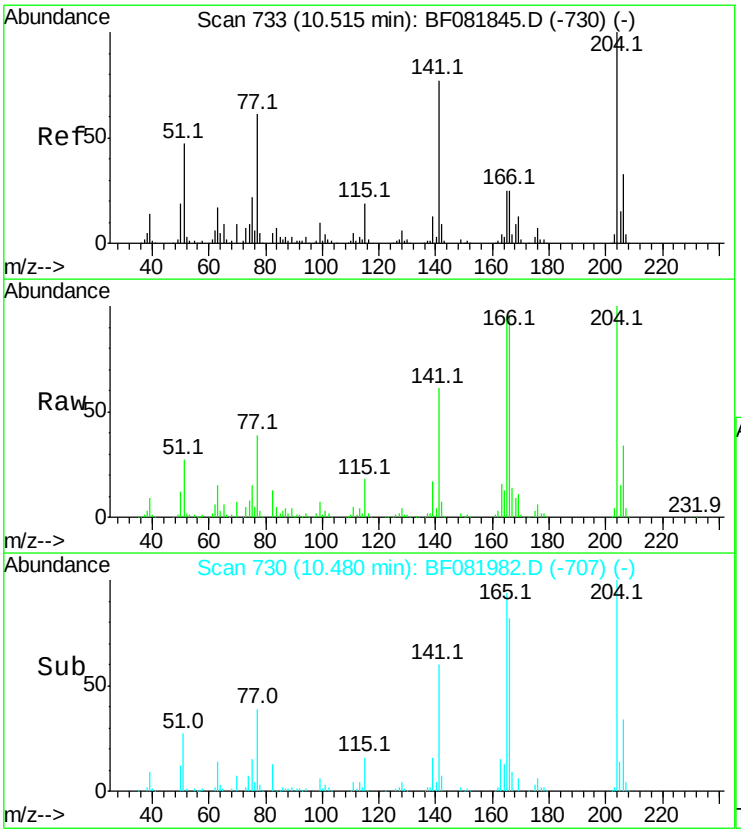
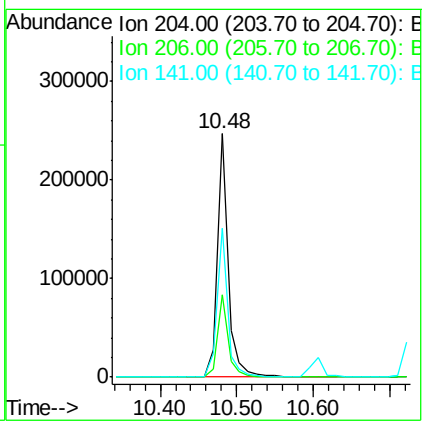
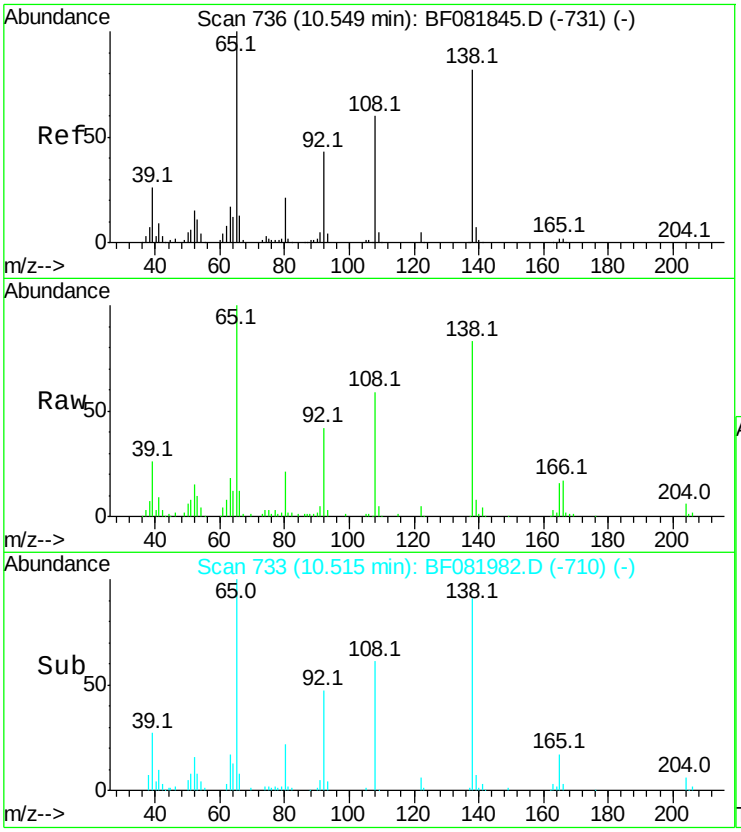


#60
4-Chlorophenyl-phenylether
Concen: 48.56 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:204 Resp: 239760

Ion	Ratio	Lower	Upper
204	100		
206	33.6	24.8	37.2
141	61.3	42.2	63.4

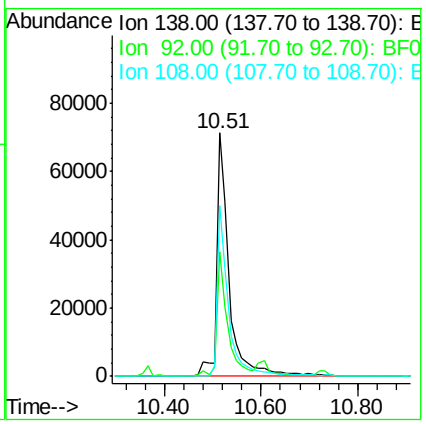




#61
4-Nitroaniline
Concen: 44.55 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:138 Resp: 128358

Ion	Ratio	Lower	Upper
138	100		
92	51.0	12.6	52.6
108	70.4	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
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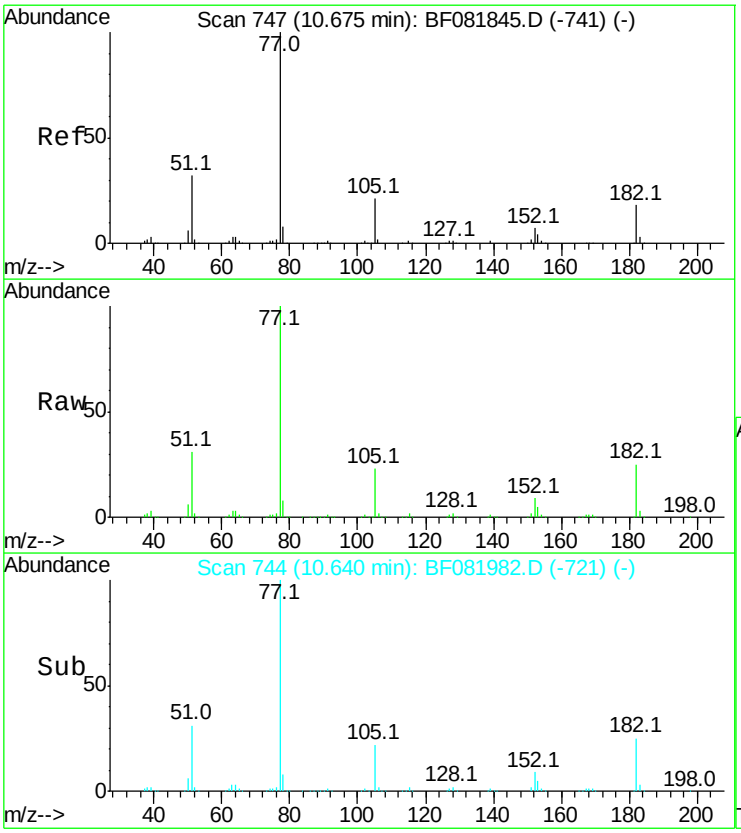
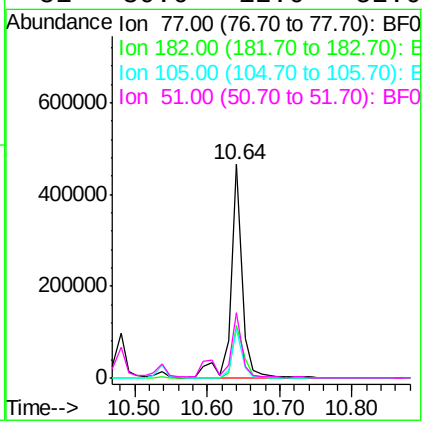
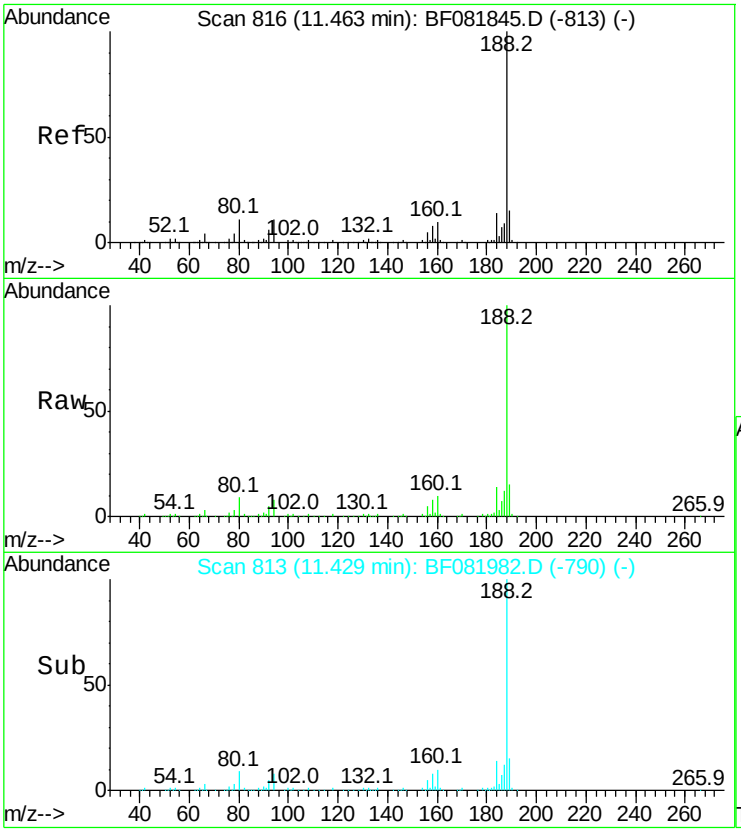


#62
Azobenzene
Concen: 48.42 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion: 77 Resp: 504994

Ion	Ratio	Lower	Upper
77	100		
182	24.6	15.1	55.1
105	23.0	3.4	43.4
51	30.6	12.0	52.0





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:188 Resp: 319128

Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	8.8	11.0	16.4#

Instrument :
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ClientSampleId :
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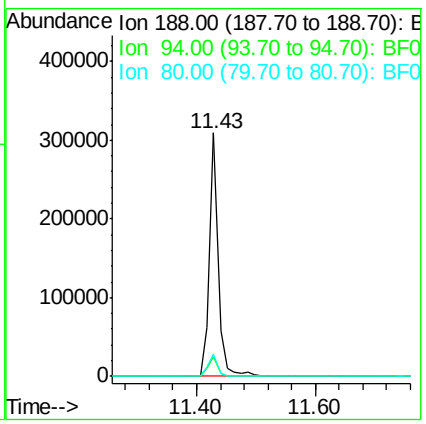
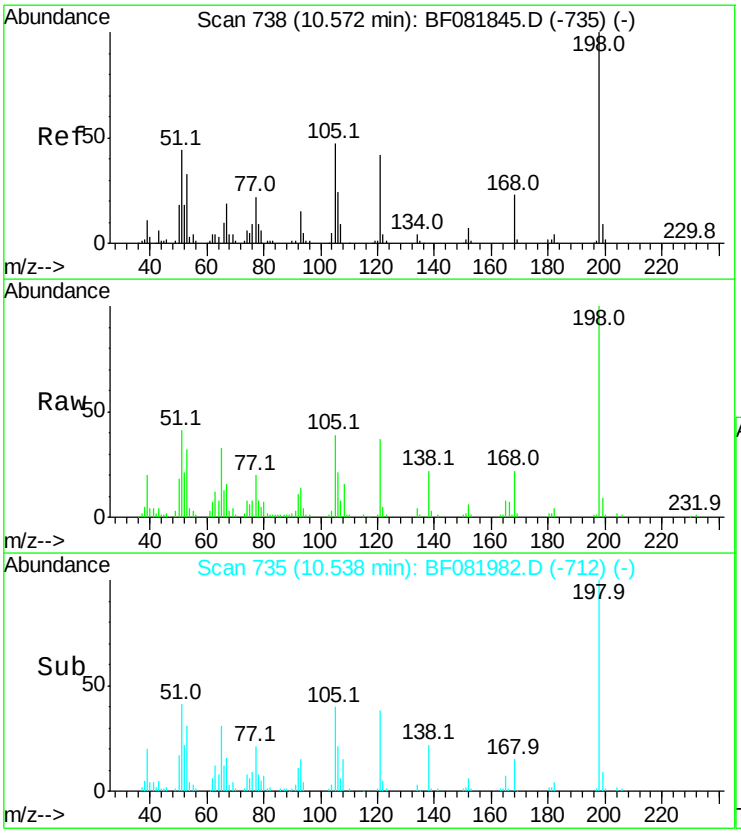
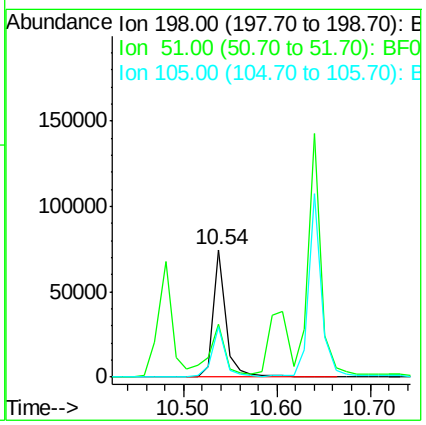


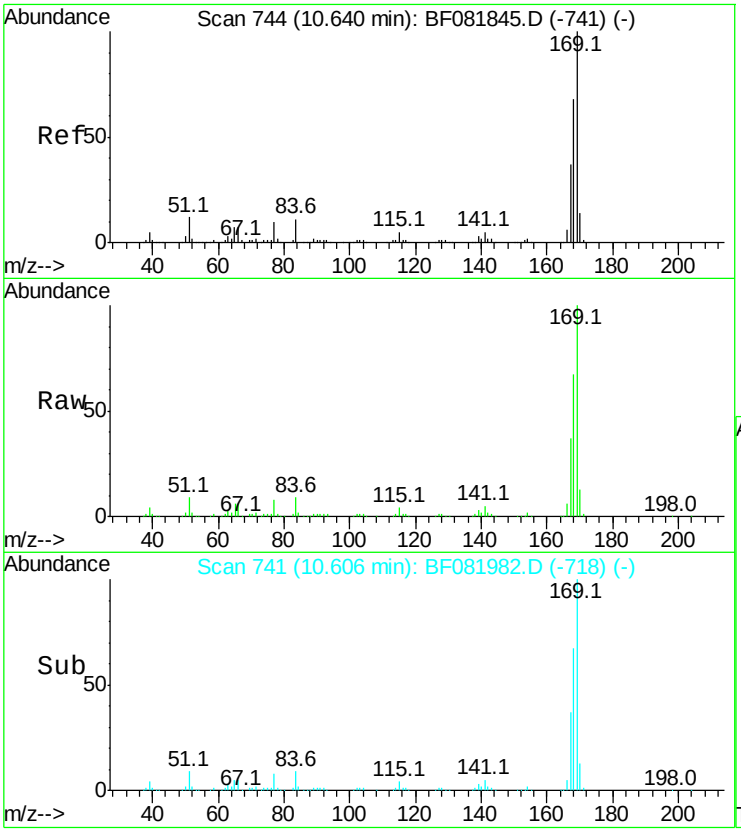


#64
4,6-Dinitro-2-methylphenol
Concen: 48.63 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:198 Resp: 70651

Ion	Ratio	Lower	Upper
198	100		
51	41.1	39.6	79.6
105	39.3	28.5	68.5

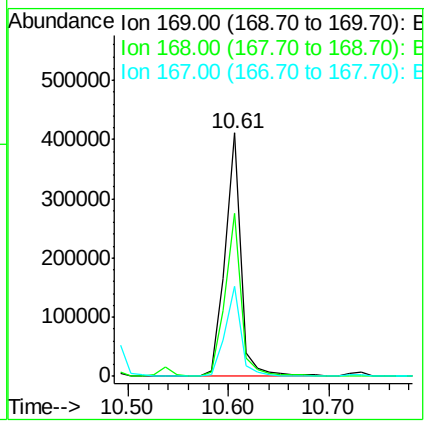




#65
n-Nitrosodiphenylamine
Concen: 47.07 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:169 Resp: 454467

Ion	Ratio	Lower	Upper
169	100		
168	66.8	48.9	73.3
167	37.1	26.2	39.4



Instrument :
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ClientSampleId :
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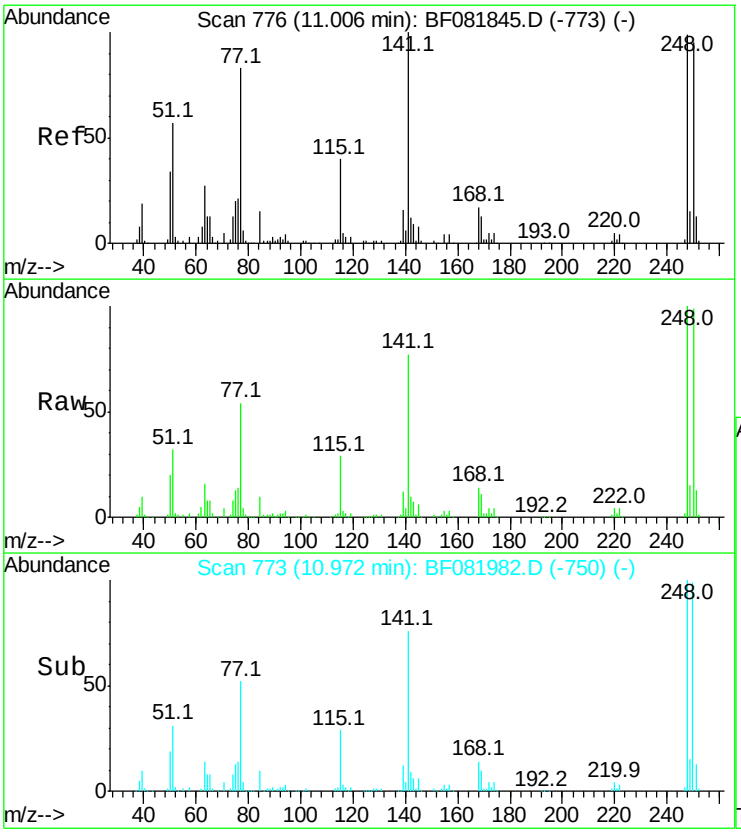
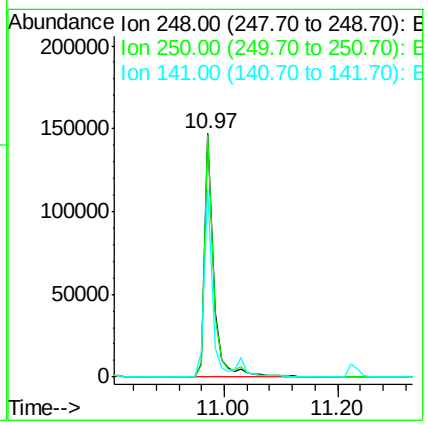
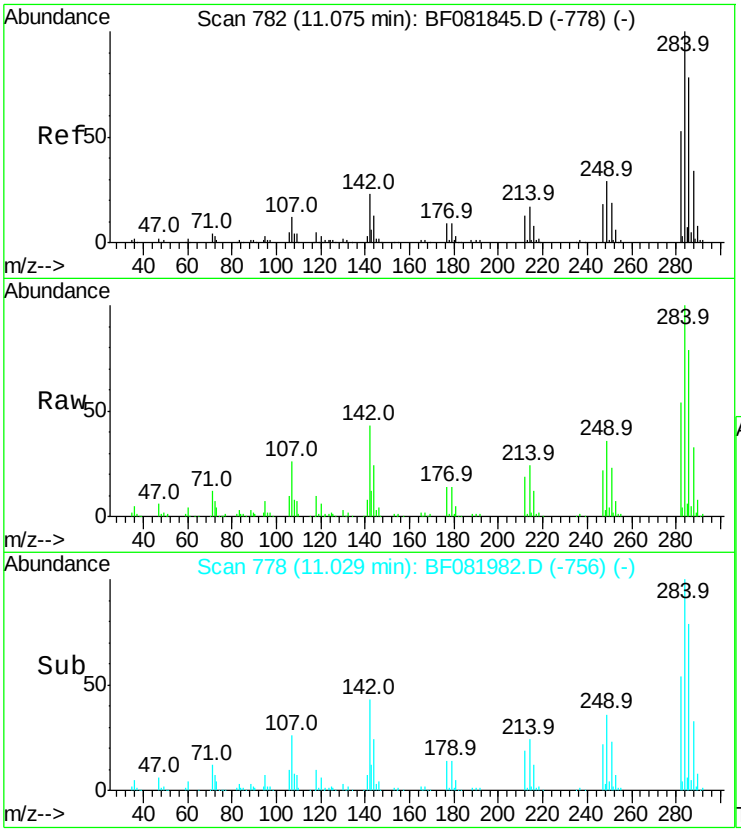


#66
4-Bromophenyl-phenylether
Concen: 48.83 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:248 Resp: 157131

Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.5	117.7
141	77.2	59.0	88.6

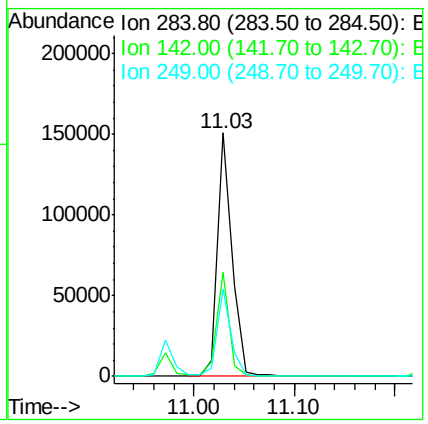




#67
Hexachlorobenzene
Concen: 42.02 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:284 Resp: 152605

Ion	Ratio	Lower	Upper
284	100		
142	42.6	29.5	44.3
249	36.1	19.5	29.3#



Instrument :
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ClientSampleId :
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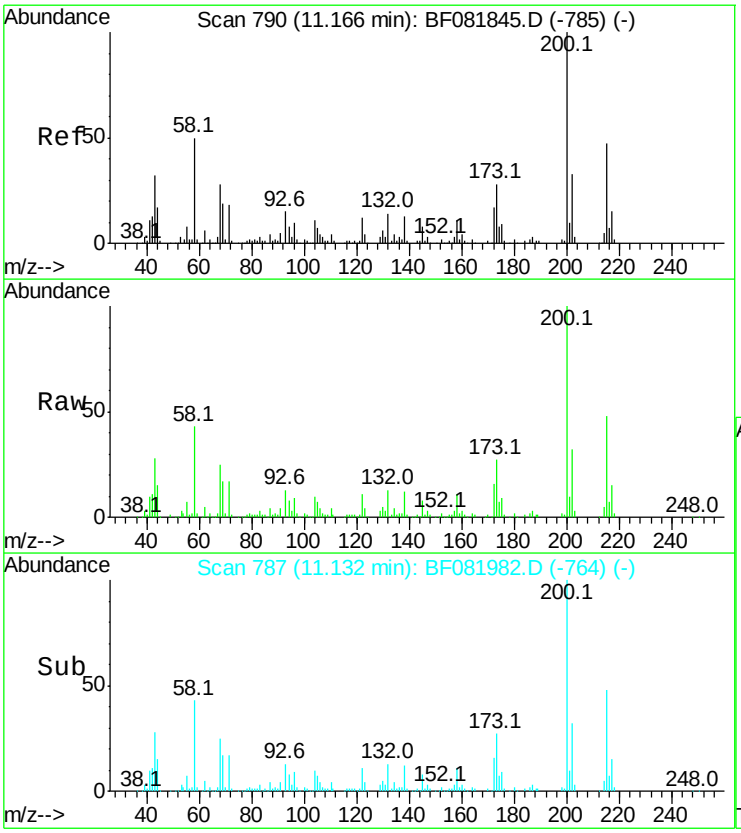
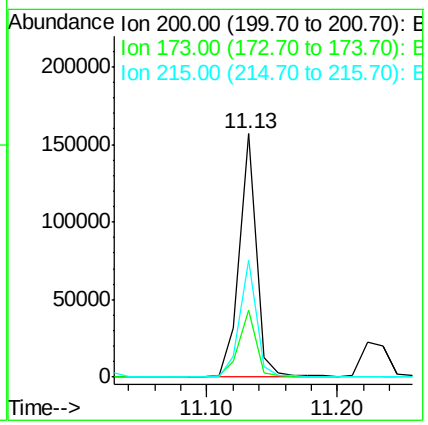
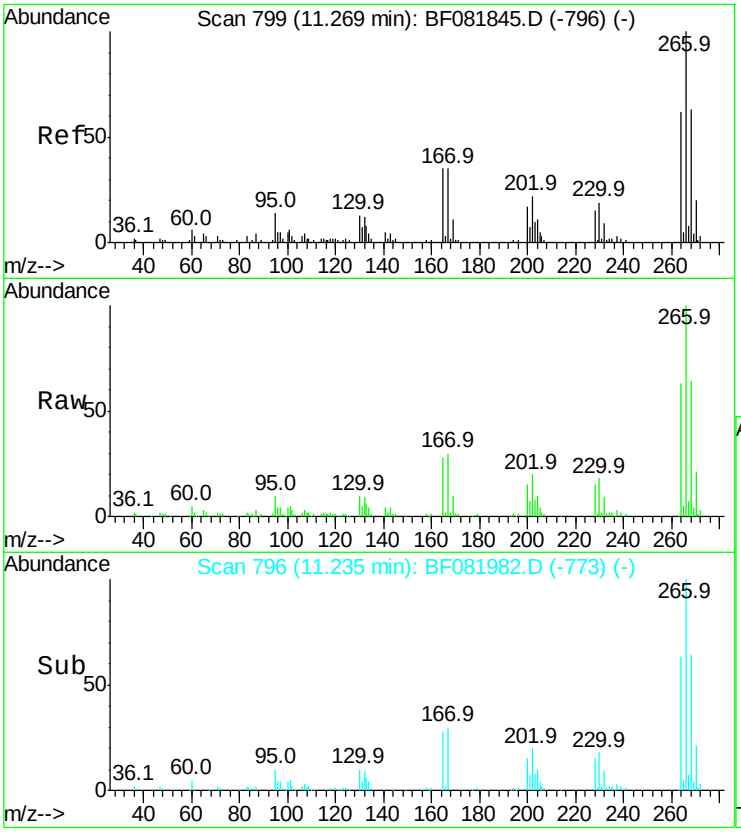


#68
Atrazine
Concen: 47.86 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:200 Resp: 143372

Ion	Ratio	Lower	Upper
200	100		
173	27.4	13.2	53.2
215	47.8	41.8	81.8

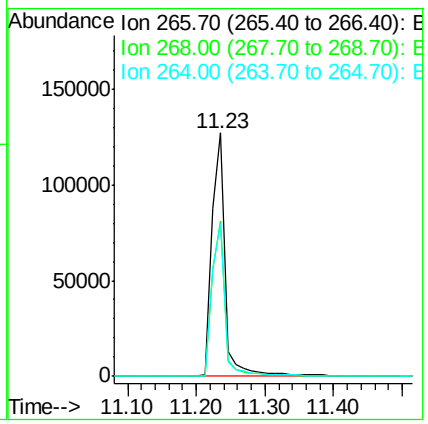




#69
Pentachlorophenol
Concen: 83.84 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:266 Resp: 173476

Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.8	74.6
264	62.8	50.2	75.2



Instrument :
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ClientSampleId :
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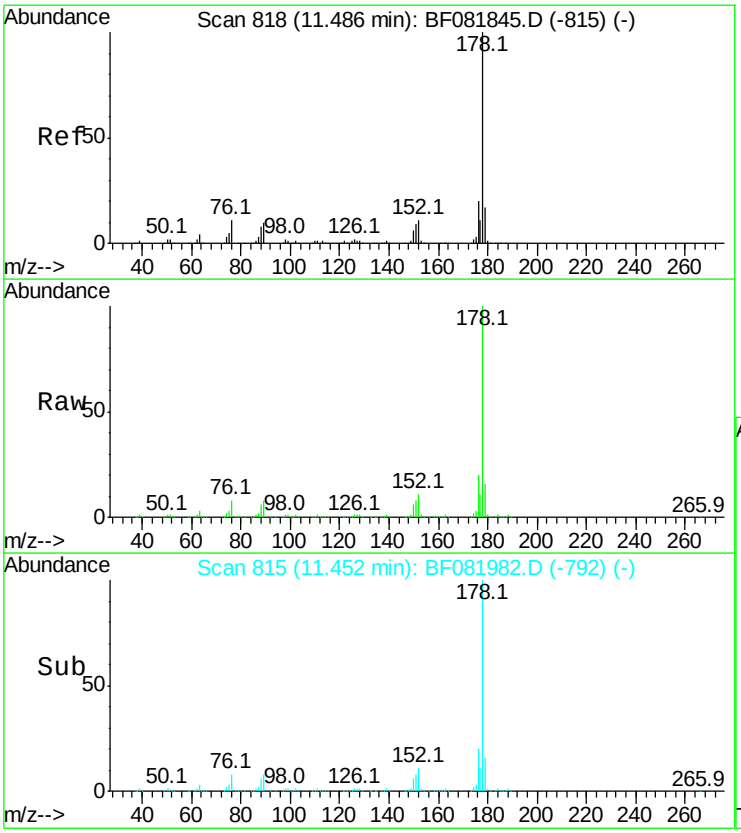
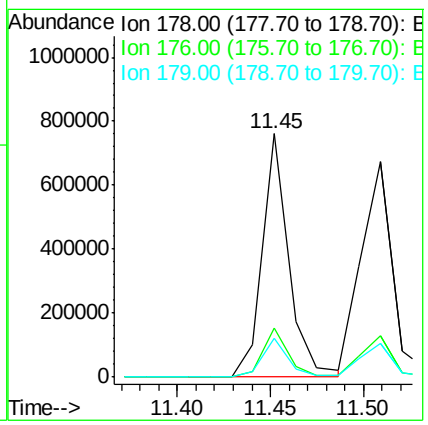
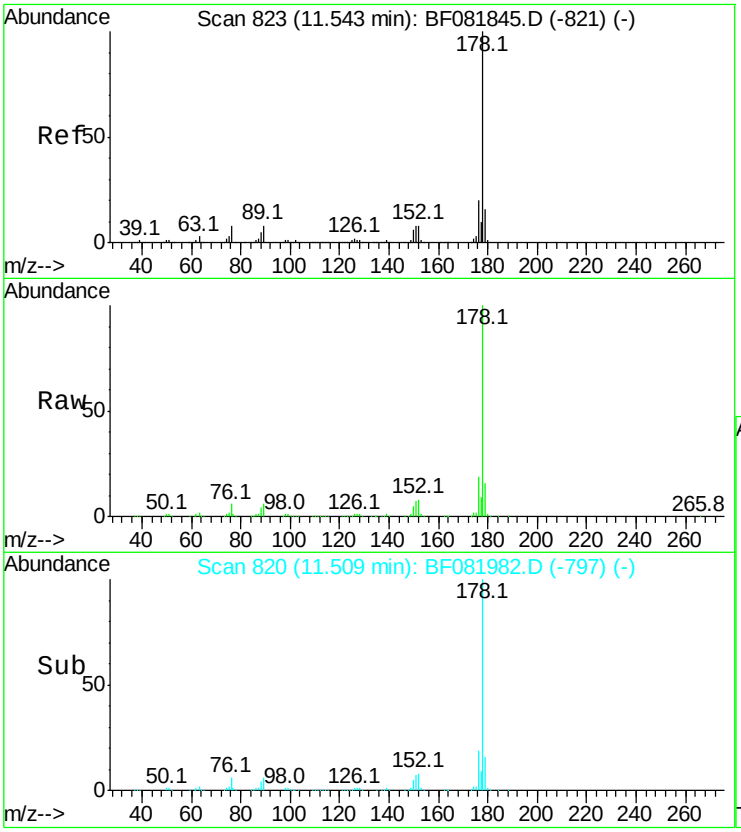


#70
Phenanthrene
Concen: 48.84 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:178 Resp: 747822

Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.8	20.8
179	15.8	12.2	18.2

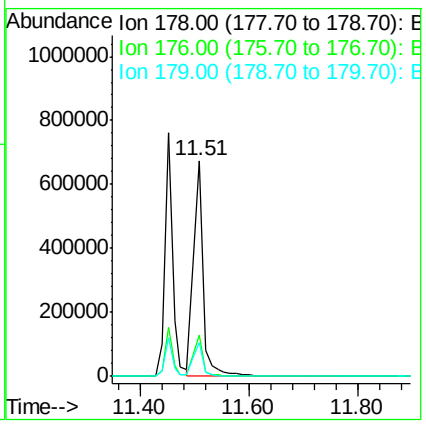




#71
Anthracene
Concen: 51.17 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:178 Resp: 830022

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	15.9	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
PB85878BS

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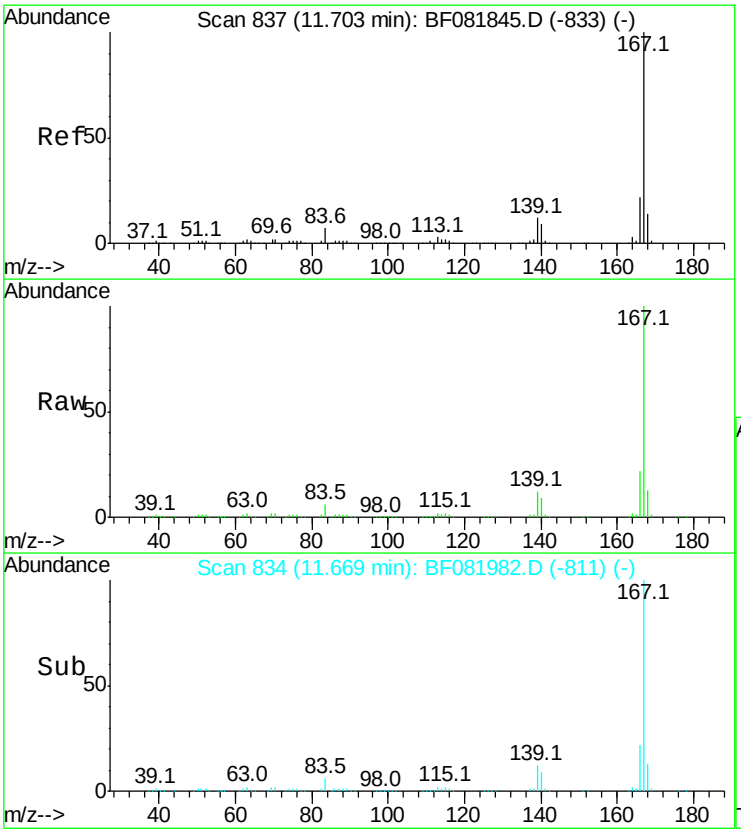
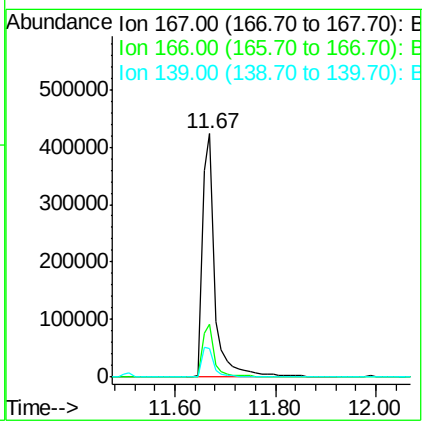
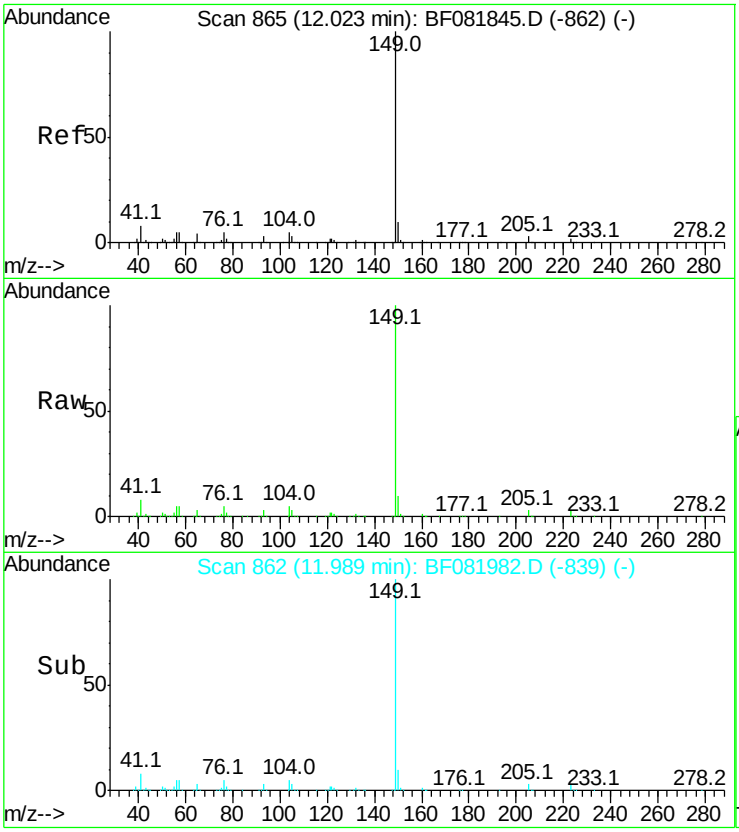


#72
Carbazole
Concen: 49.31 ng
RT: 11.67 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:167 Resp: 723877

Ion	Ratio	Lower	Upper
167	100		
166	21.6	15.7	23.5
139	11.5	9.5	14.3

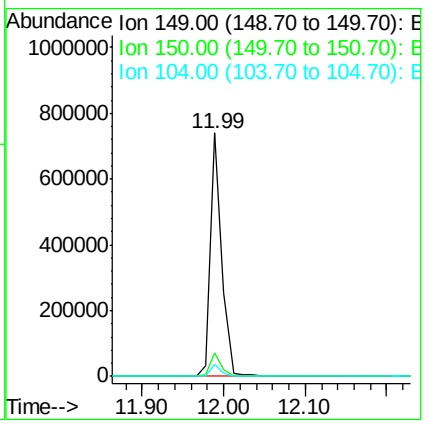




#73
Di-n-butylphthalate
Concen: 48.83 ng
RT: 11.99 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:149 Resp: 728411

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	5.1	2.4	3.6#



Instrument :
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ClientSampleId :
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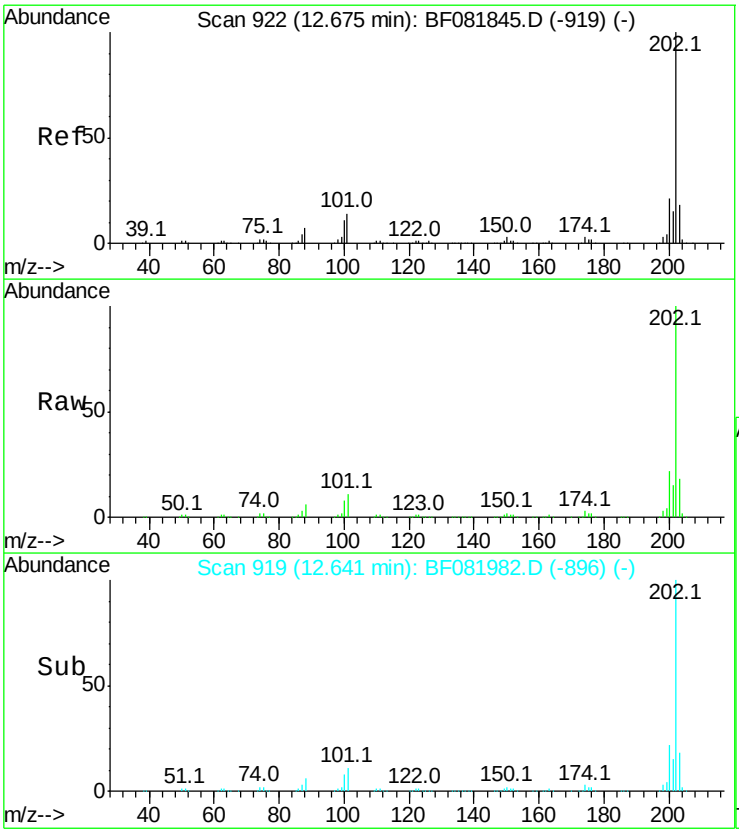
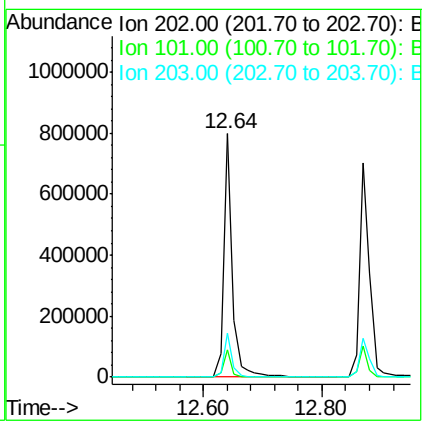
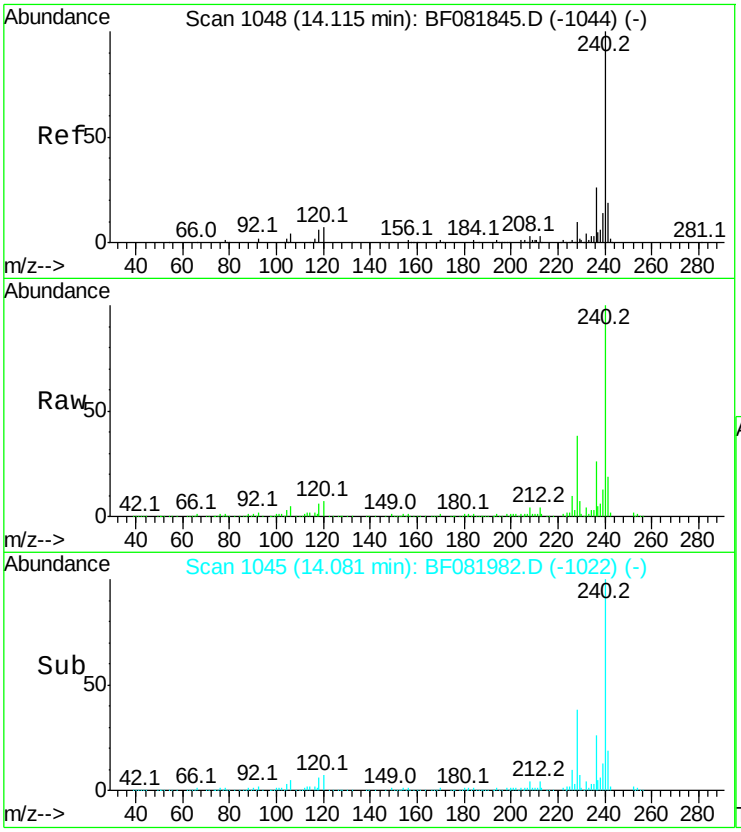


#74
Fluoranthene
Concen: 47.25 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:202 Resp: 807809

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	38.3
203	18.2	0.0	37.3

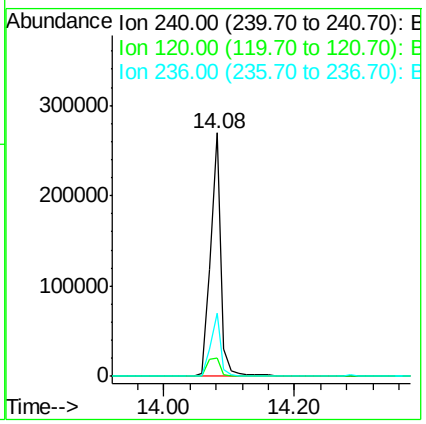




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:240 Resp: 304542

Ion	Ratio	Lower	Upper
240	100		
120	7.5	16.2	24.2#
236	25.8	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
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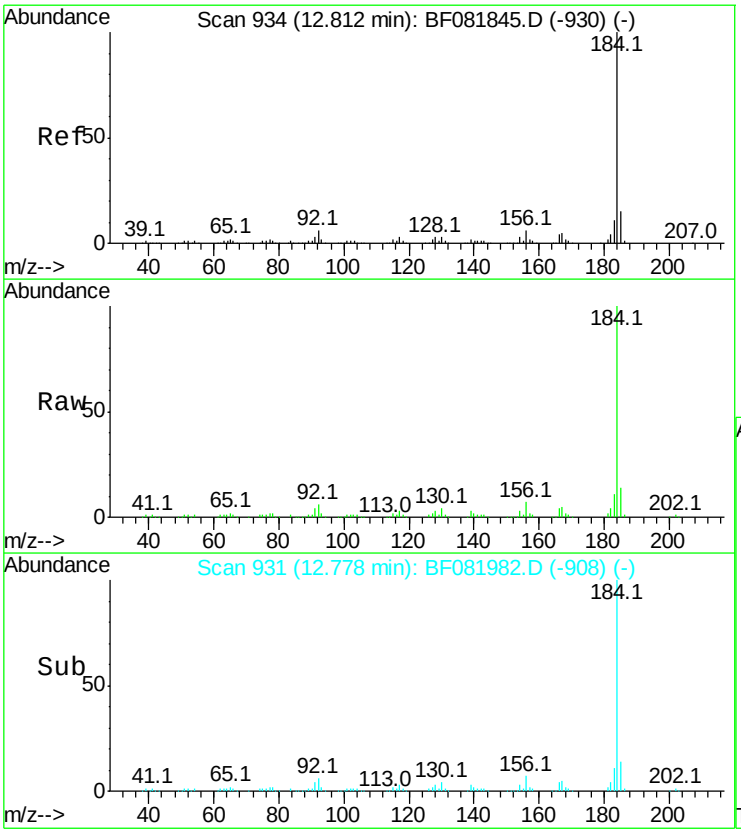
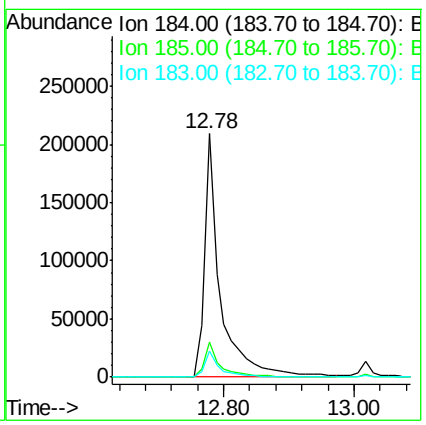
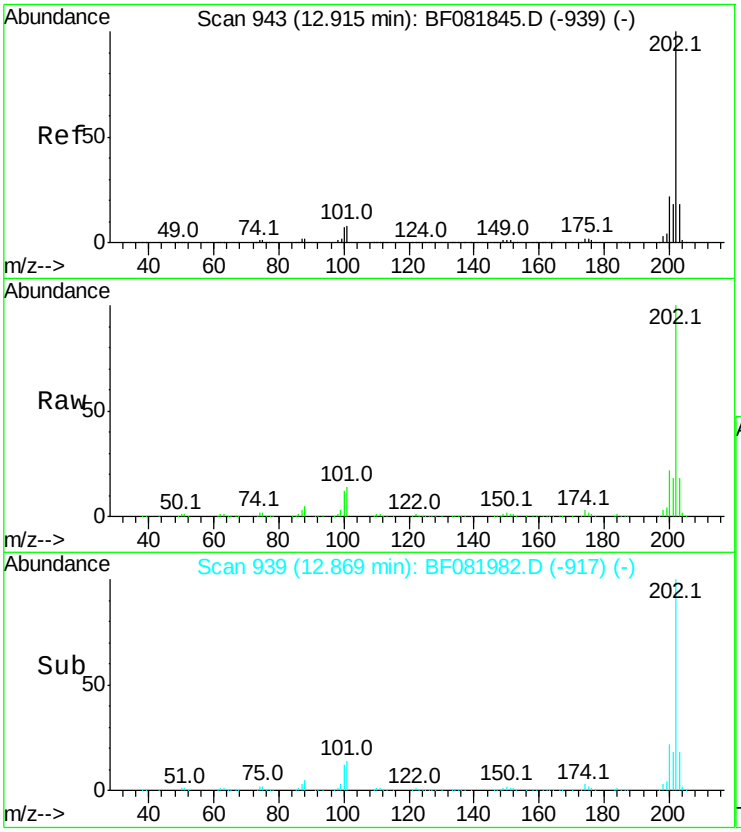


#76
Benzidine
Concen: 38.17 ng
RT: 12.78 min Scan# 931
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:184 Resp: 350238

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	10.8	7.6	11.4

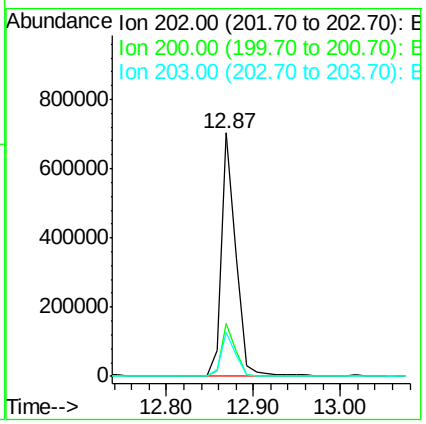




#77
Pyrene
Concen: 44.61 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:202 Resp: 811557

Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	18.1	14.1	21.1



Instrument :
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ClientSampleId :
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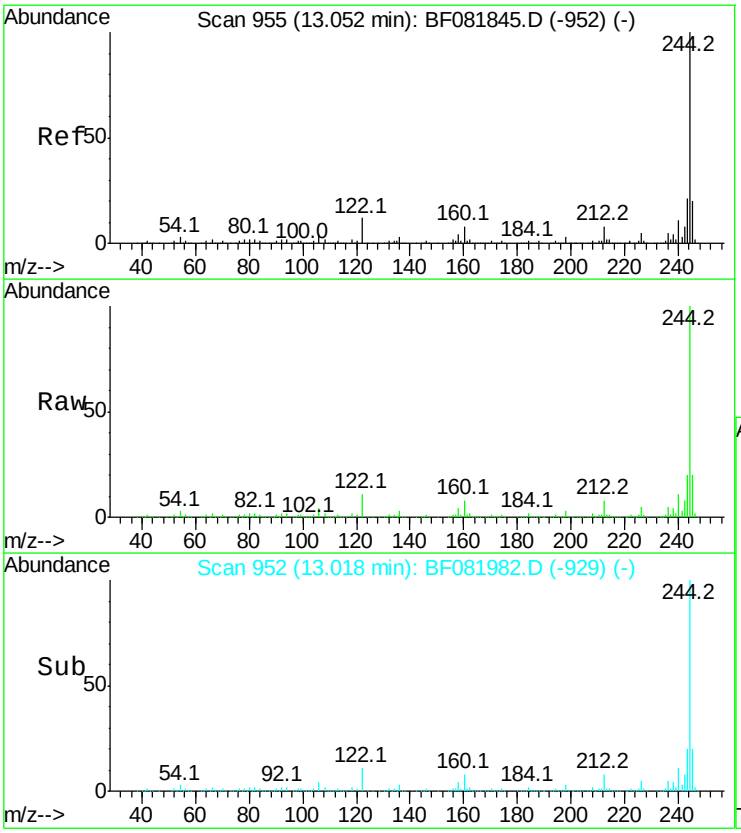
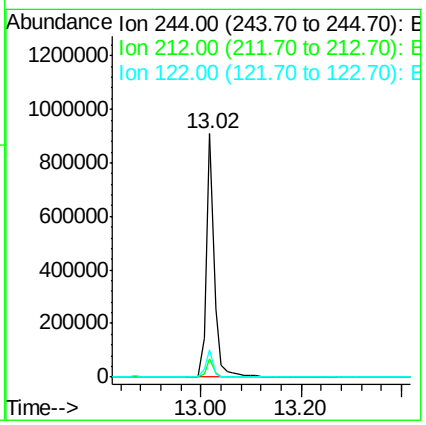
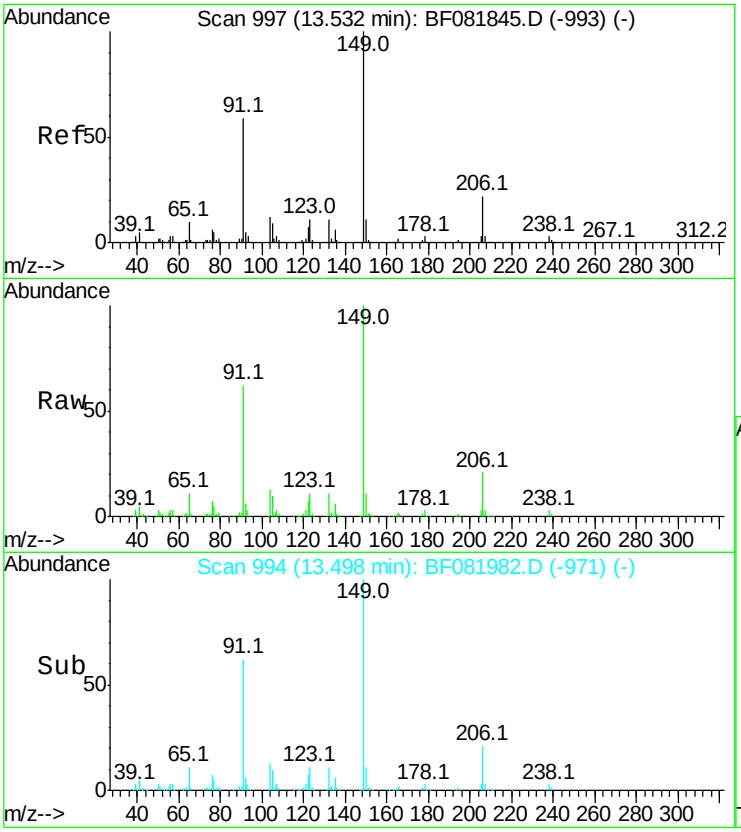


#78
Terphenyl-d14
Concen: 115.27 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:244 Resp: 982603

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.3	17.4	26.2#

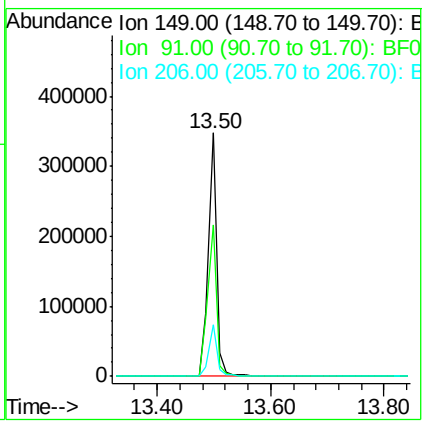




#79
Butylbenzylphthalate
Concen: 49.29 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:149 Resp: 337406

Ion	Ratio	Lower	Upper
149	100		
91	62.4	48.6	72.8
206	21.2	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
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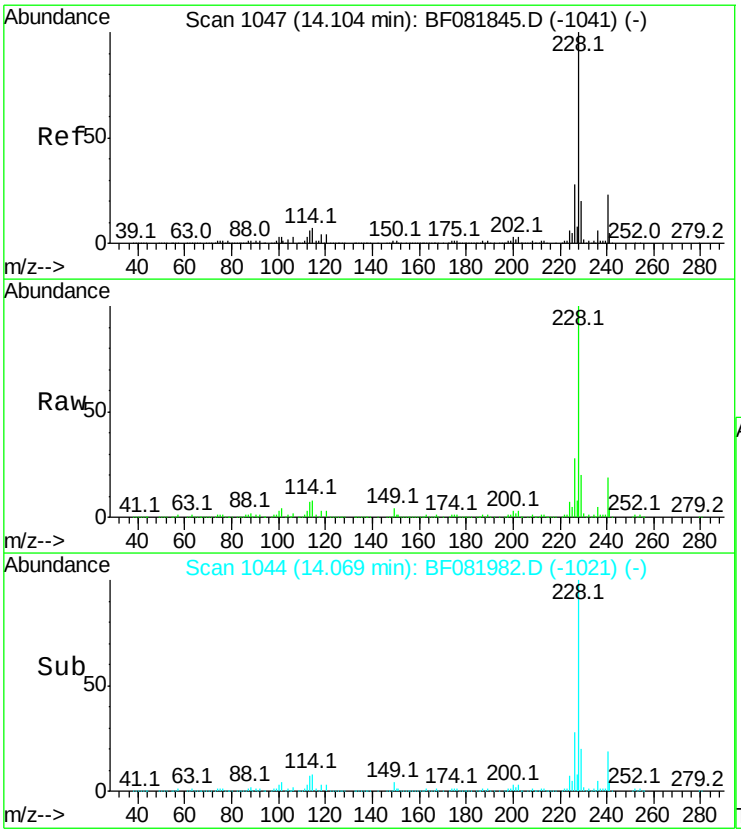
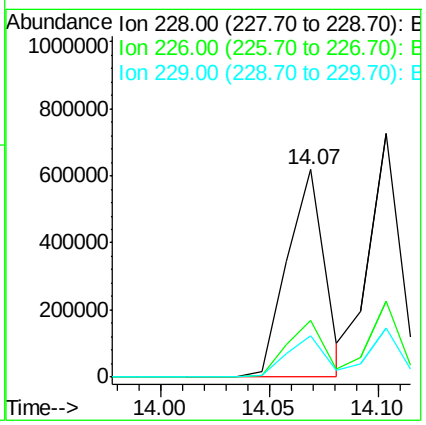
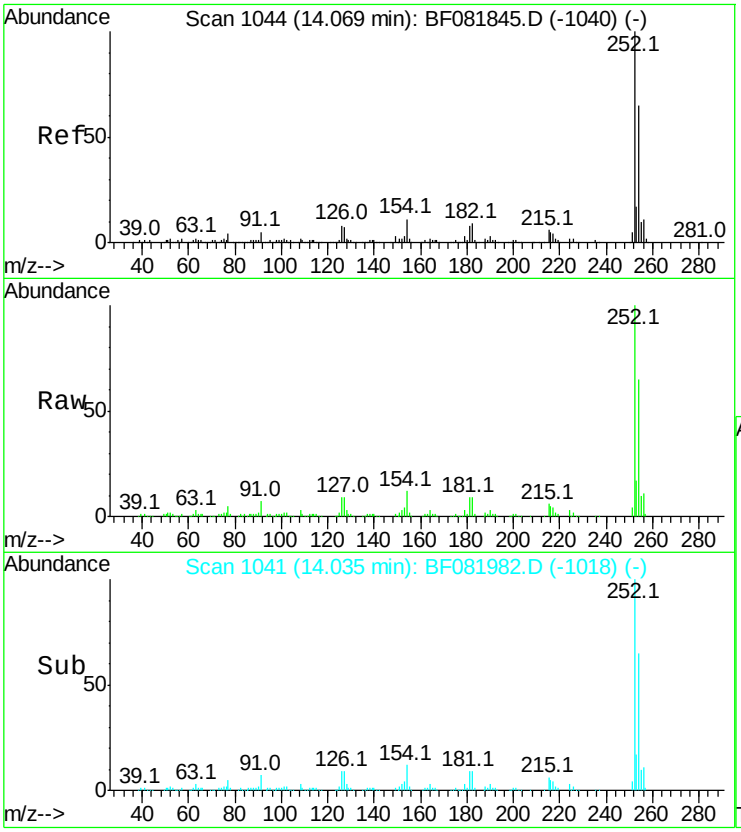


#80
Benzo(a)anthracene
Concen: 45.11 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:228 Resp: 739765

Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	20.0	15.4	23.2

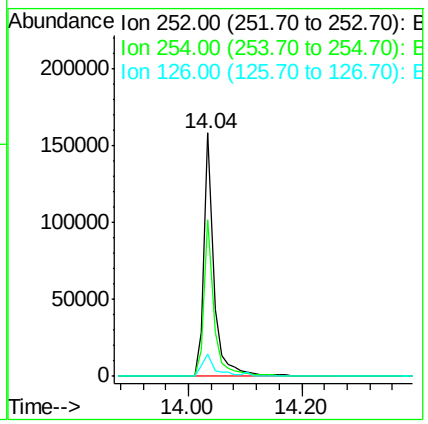




#81
3,3'-Dichlorobenzidine
Concen: 33.99 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:252 Resp: 188266

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	8.9	16.4	24.6#



Instrument :
BNA_F
ClientSampleId :
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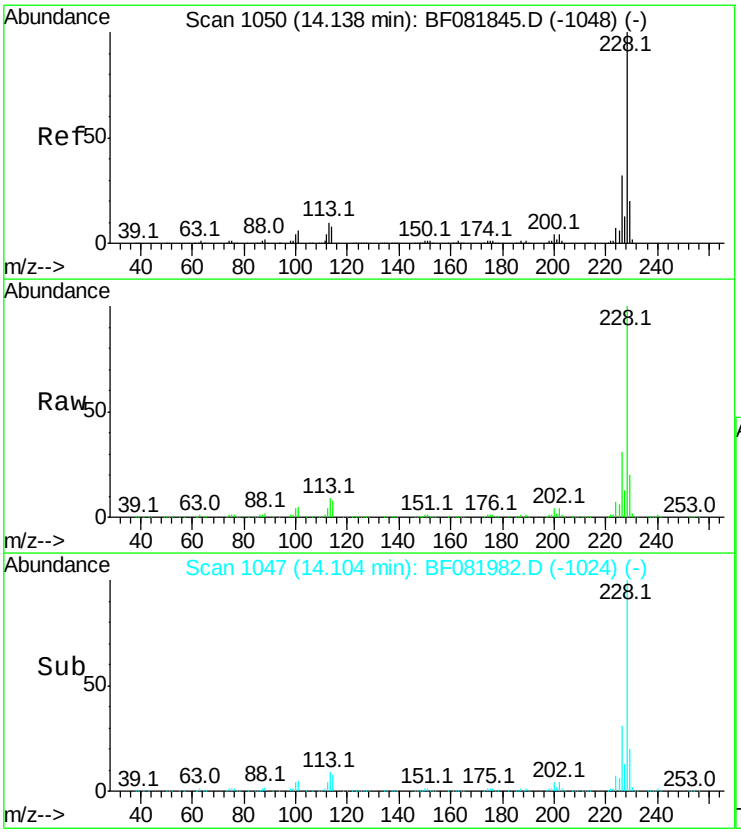
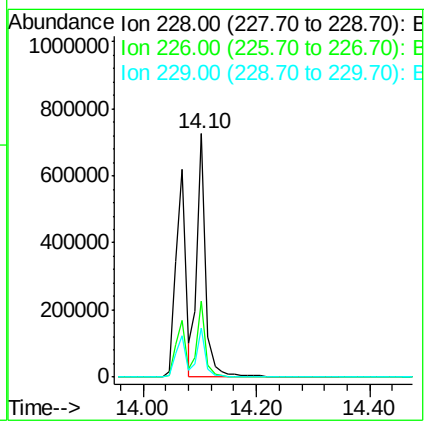
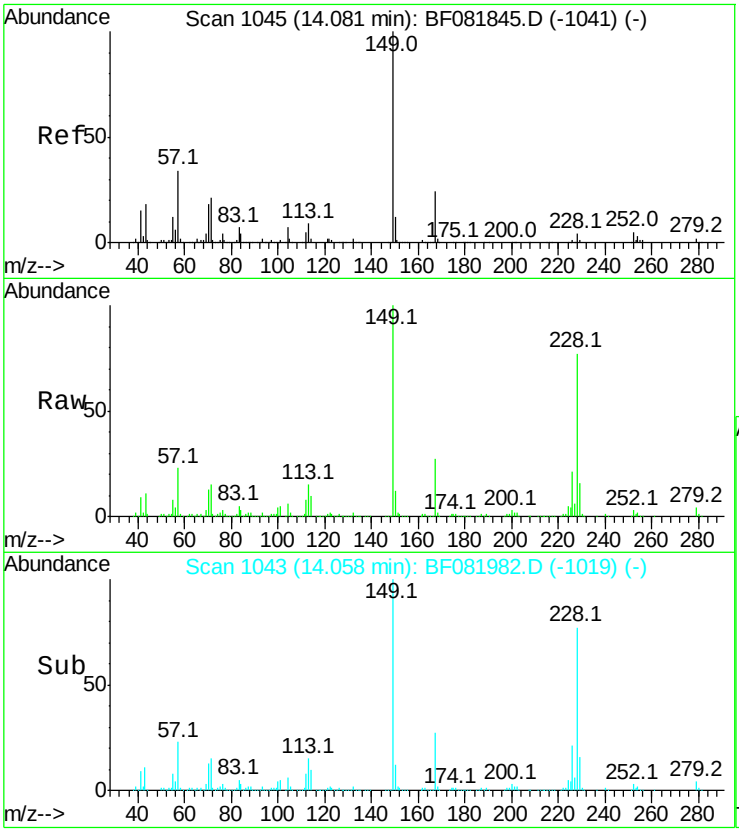


#82
Chrysene
Concen: 49.57 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:228 Resp: 779522

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.4
229	20.0	15.6	23.4





#83
Bis(2-ethylhexyl)phthalate
Concen: 51.08 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:149 Resp: 438644

Ion	Ratio	Lower	Upper
149	100		
167	27.5	24.2	36.2
279	3.5	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
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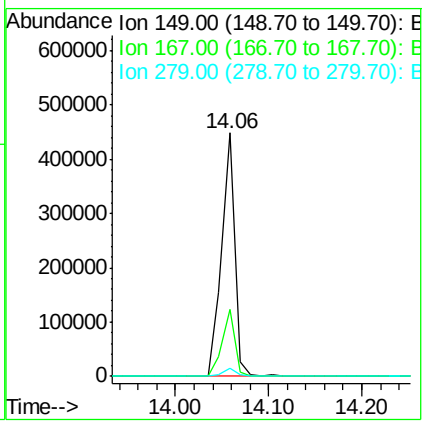
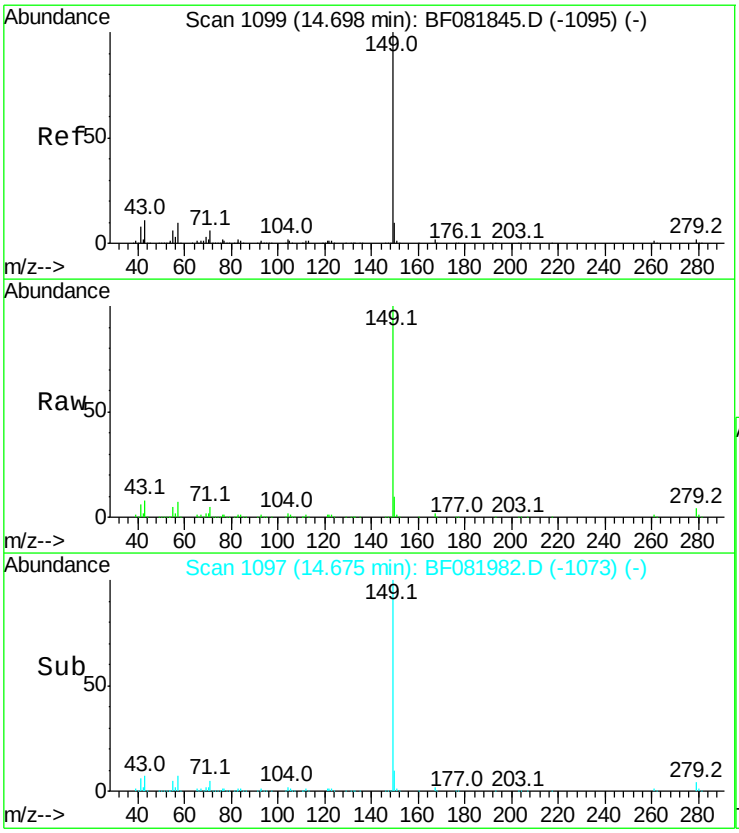
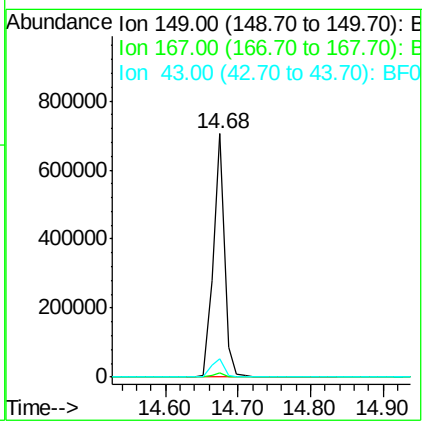


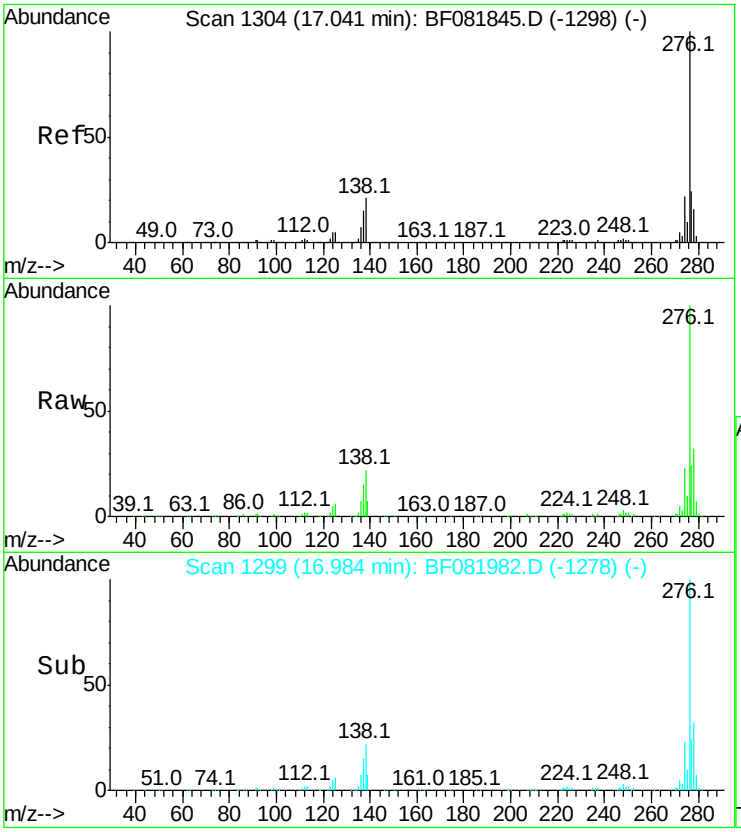


#84
Di-n-octyl phthalate
Concen: 53.90 ng
RT: 14.68 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:149 Resp: 753269

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	8.8	10.2	15.2#





#85
Indeno(1,2,3-cd)pyrene
Concen: 45.54 ng
RT: 16.98 min Scan# 1299
Delta R.T. -0.06 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:276 Resp: 584224

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.7	38.5#
277	24.8	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
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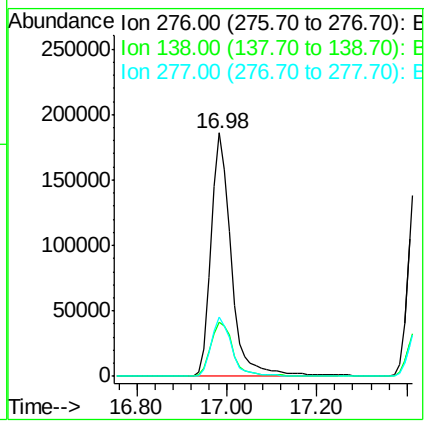
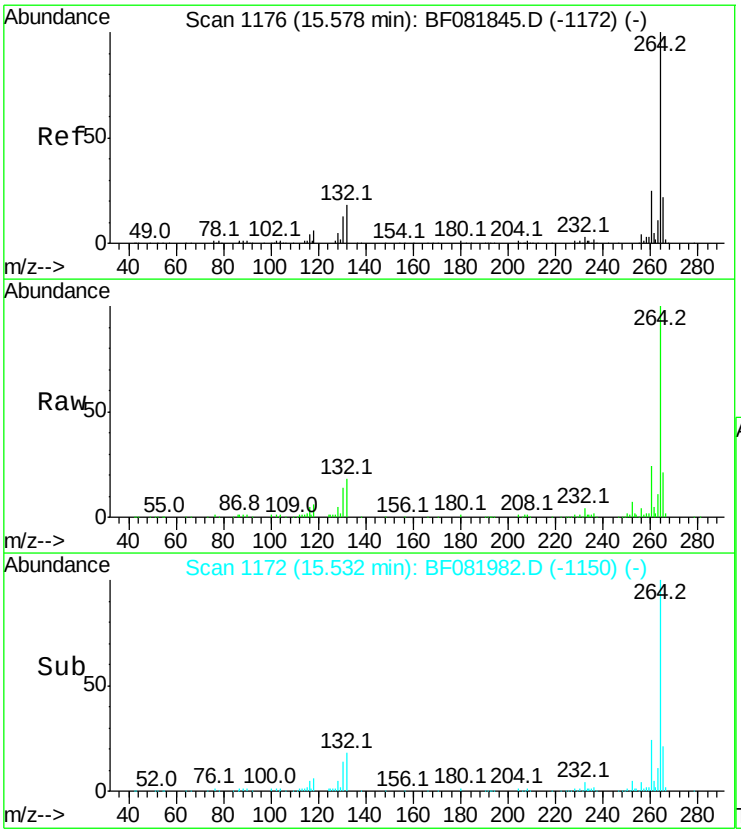
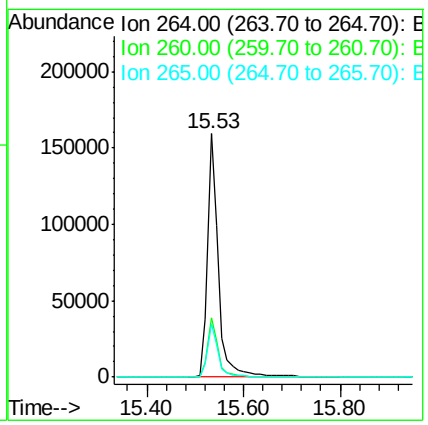


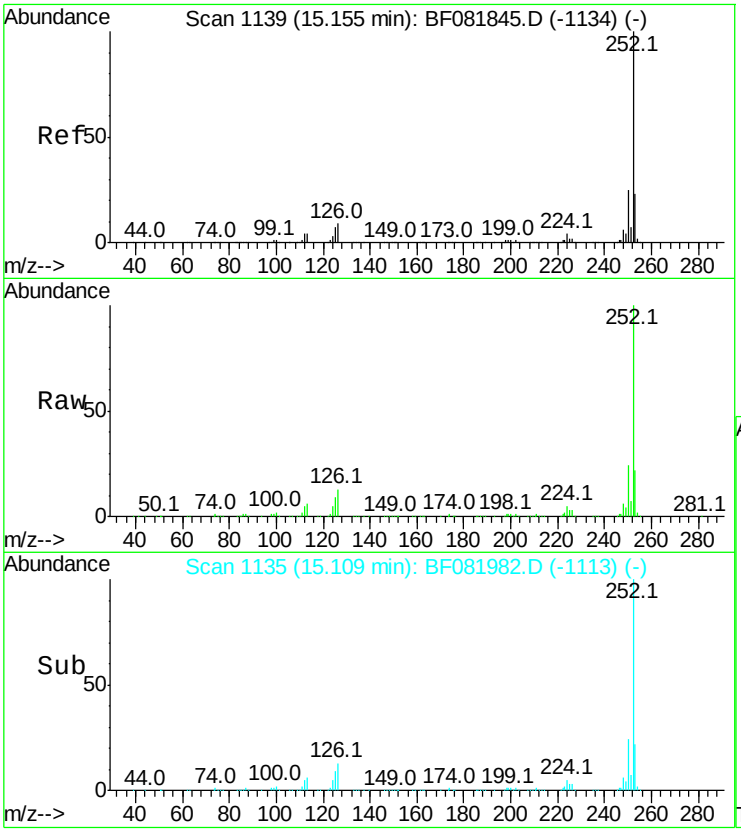


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:264 Resp: 250218

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.5	17.2	25.8

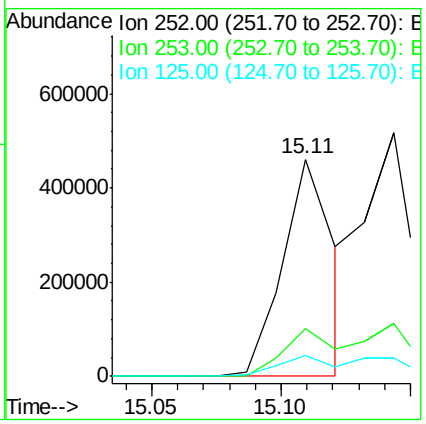




#87
Benzo(b)fluoranthene
Concen: 44.38 ng m
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:252 Resp: 634009

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.4	17.1	25.7#



Instrument :
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ClientSampleId :
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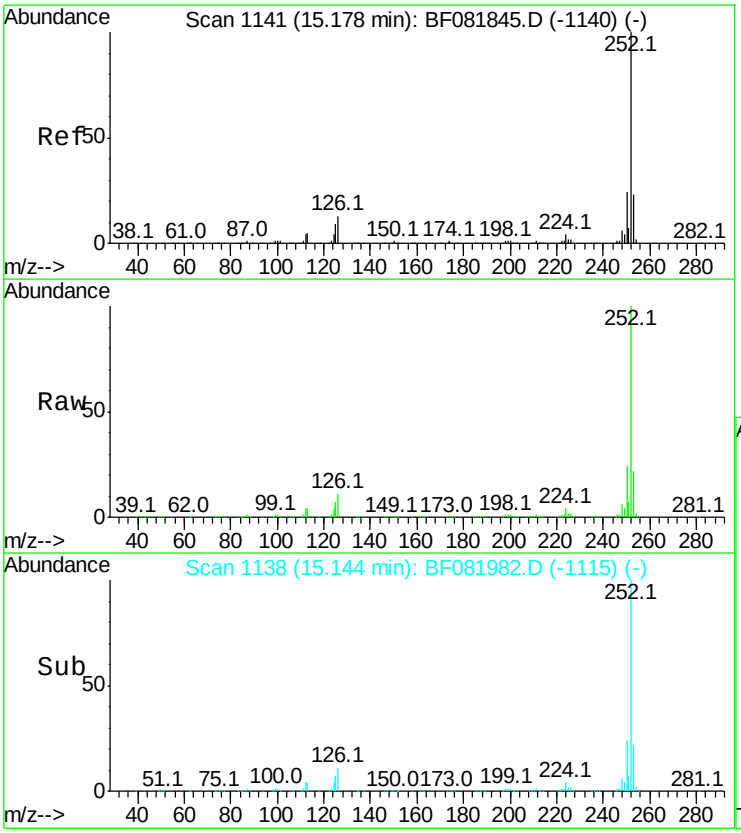
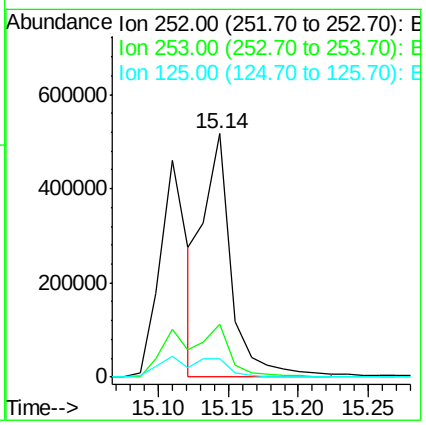
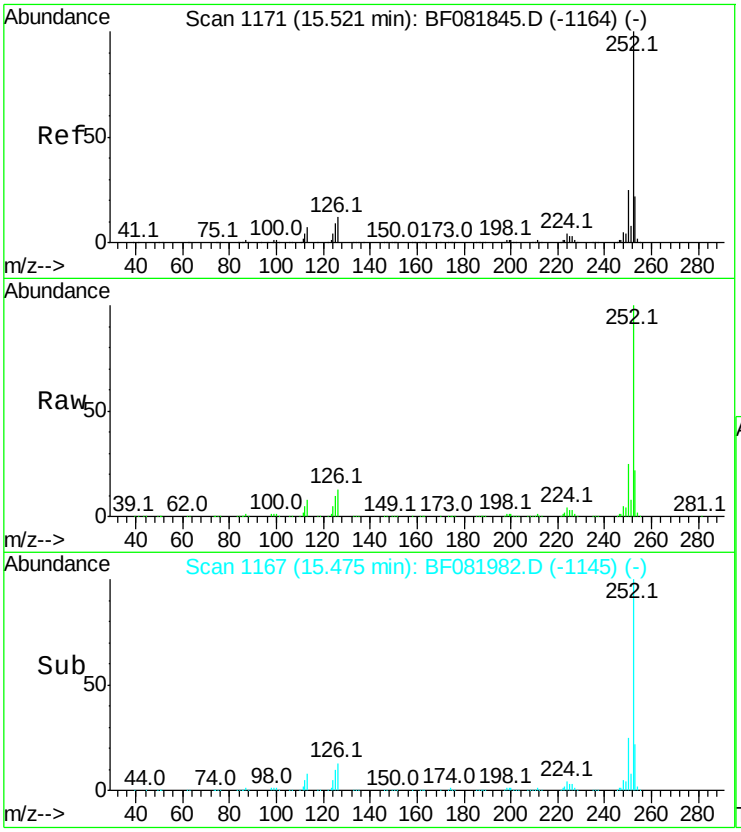


#88
Benzo(k)fluoranthene
Concen: 56.10 ng m
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:252 Resp: 734590

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	7.4	16.0	24.0#





#89
Benzo(a)pyrene
Concen: 51.75 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:252 Resp: 641237

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.9	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
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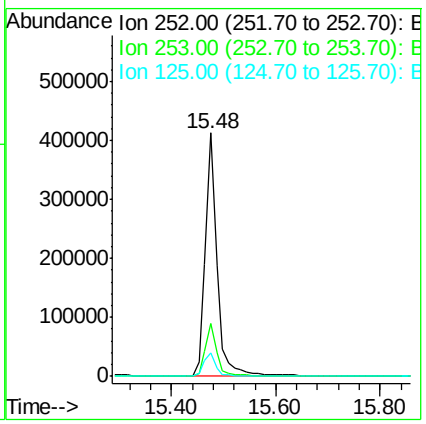
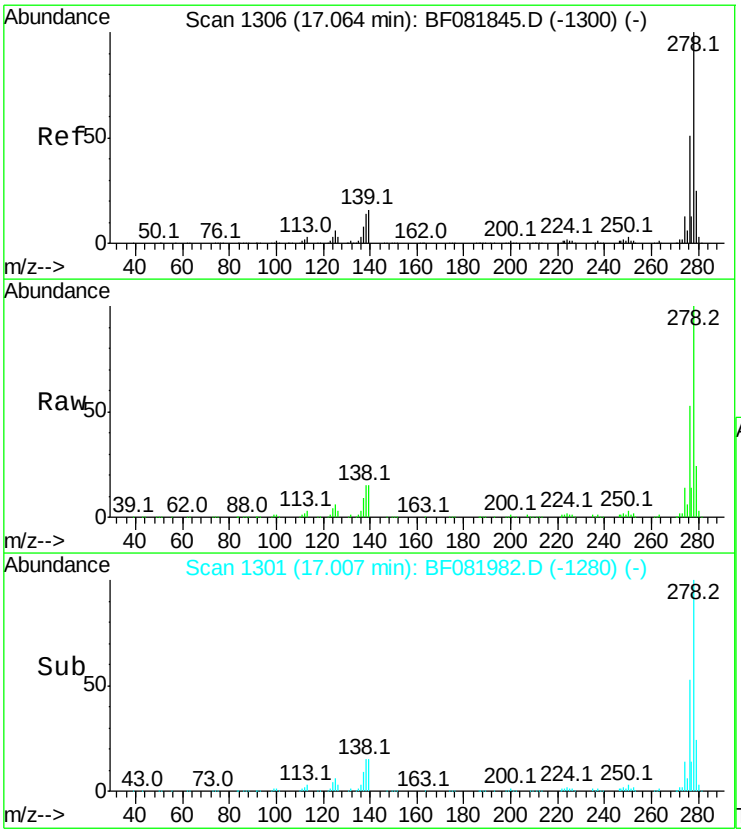
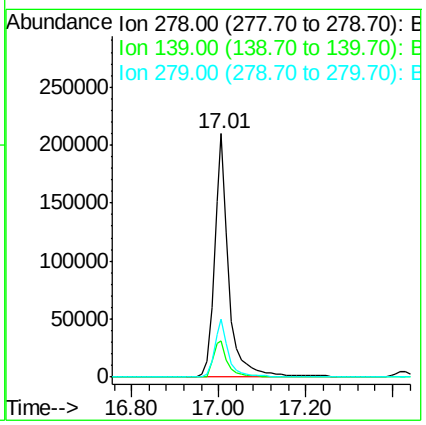


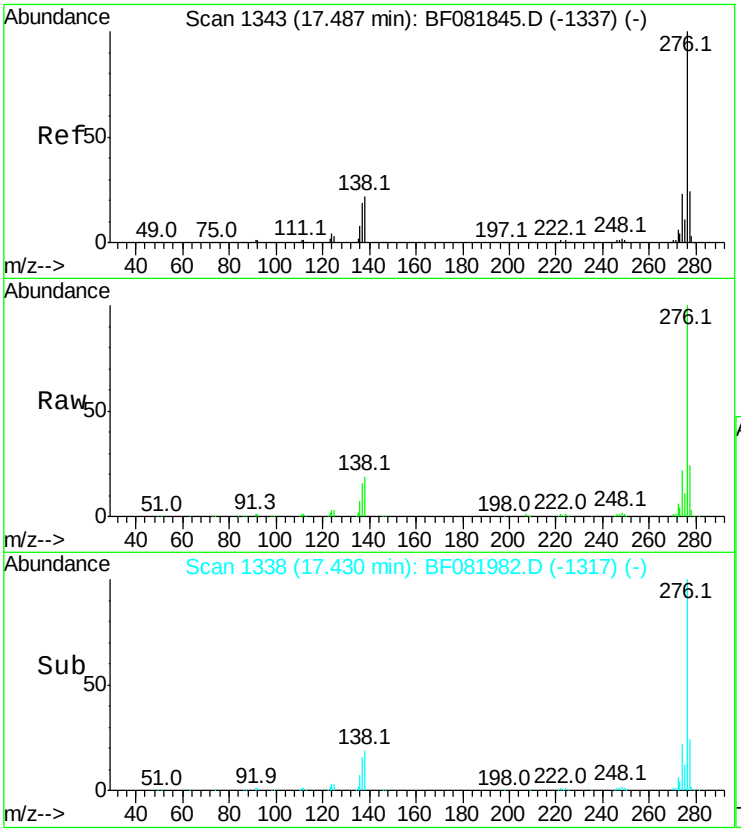


#90
Dibenzo(a,h)anthracene
Concen: 46.69 ng
RT: 17.01 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:278 Resp: 485445

Ion	Ratio	Lower	Upper
278	100		
139	15.1	26.3	39.5#
279	23.9	18.2	27.4

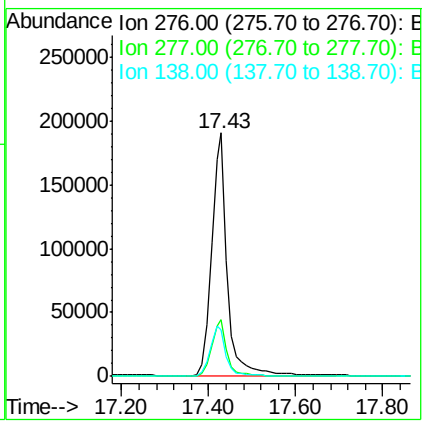




#91
Benzo(g,h,i)perylene
Concen: 45.08 ng
RT: 17.43 min Scan# 1338
Delta R.T. -0.06 min
Lab File: BF081982.D
Acq: 2 Oct 2015 15:26

Tgt Ion:276 Resp: 480271

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	19.0	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
PB85878BS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:28:29 PM