Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083978.D
Acq On : 20 Dec 2015 4:31
Operator : UM/SJ
Sample : G4838-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
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12/22/2015 12:01:27 PM

Quant Time: Dec 20 07:21:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	74809	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	286396	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	147880	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	254541	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	173891	20.00	ng		-0.02
86) Perylene-d12	15.44	264	151813	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	598812	125.27	ng		0.00
7) Phenol-d6	6.51	99	722109	123.41	ng		0.00
23) Nitrobenzene-d5	7.41	82	509655	101.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	204059	125.26	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1002573	97.43	ng		-0.02
78) Terphenyl-d14	12.96	244	880845	121.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	76597	36.94	ng		97
3) Pyridine	3.23	79	133625	26.06	ng		95
4) n-Nitrosodimethylamine	3.17	42	83550	42.72	ng		99
6) Aniline	6.52	93	116490	15.46	ng	#	1
8) 2-Chlorophenol	6.65	128	245208	43.10	ng		88
9) Benzaldehyde	6.40	77	30360	8.61	ng		95
10) Phenol	6.52	94	282374	43.25	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	231809	46.74	ng		97
12) 1,3-Dichlorobenzene	6.80	146	258338	42.22	ng		98
13) 1,4-Dichlorobenzene	6.86	146	246436	39.45	ng		96
14) 1,2-Dichlorobenzene	7.02	146	257748	51.78	ng		98
15) Benzyl Alcohol	7.00	79	205804	46.48	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	227215	44.43	ng		91
17) 2-Methylphenol	7.13	107	193358	43.33	ng	#	90
18) Hexachloroethane	7.37	117	95098	41.49	ng	#	88
19) n-Nitroso-di-n-propylamine	7.28	70	160883	47.17	ng		94
20) 3+4-Methylphenols	7.28	107	238865	45.55	ng	#	54
22) Acetophenone	7.26	105	319698	46.37	ng		93
24) Nitrobenzene	7.44	77	245527	47.31	ng		100
25) Isophorone	7.68	82	444864	47.12	ng		99
26) 2-Nitrophenol	7.76	139	140151	52.17	ng		98
27) 2,4-Dimethylphenol	7.80	122	249389	53.89	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	269964	48.34	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	210496	50.14	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	204163	45.28	ng		99
31) Naphthalene	8.16	128	1041676	73.59	ng		99
32) Benzoic acid	7.95	122	125405	64.82	ng		94
33) 4-Chloroaniline	8.21	127	66256	10.19	ng	#	93
34) Hexachlorobutadiene	8.28	225	106858	37.95	ng		99
35) Caprolactam	8.59	113	61256	44.16	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	228612	48.38	ng		97
37) 2-Methylnaphthalene	8.85	142	553211	55.58	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	199441	42.77	ng		97
40) Hexachlorocyclopentadiene	9.00	237	78418	57.11	ng		96

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
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Quant Time: Dec 20 07:21:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	133010	43.20	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	156022	51.21	ng		93
45) 1,1'-Biphenyl	9.31	154	548963	44.20	ng		100
46) 2-Chloronaphthalene	9.33	162	434153	44.67	ng		99
47) 2-Nitroaniline	9.44	65	136866	46.80	ng	#	74
48) Acenaphthylene	9.76	152	783278	45.43	ng		100
49) Dimethylphthalate	9.62	163	556129	44.82	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	109826	40.57	ng	#	67
51) Acenaphthene	9.93	154	461319	43.52	ng		99
52) 3-Nitroaniline	9.85	138	60527	21.21	ng	#	75
53) 2,4-Dinitrophenol	9.96	184	96735	97.02	ng	#	88
54) Dibenzofuran	10.10	168	663743	48.21	ng		96
55) 4-Nitrophenol	10.03	139	150979	84.76	ng		91
56) 2,4-Dinitrotoluene	10.09	165	170960	49.27	ng	#	84
57) Fluorene	10.44	166	517424	49.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113317	50.27	ng		92
59) Diethylphthalate	10.32	149	555348	43.29	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	235860	44.70	ng		99
61) 4-Nitroaniline	10.46	138	117119	39.67	ng		92
62) Azobenzene	10.59	77	536366	49.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	74123	47.44	ng		76
65) n-Nitrosodiphenylamine	10.54	169	420046	45.35	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	145138	46.64	ng		99
67) Hexachlorobenzene	10.99	284	158843	48.48	ng		96
68) Atrazine	11.08	200	95795	32.65	ng		95
69) Pentachlorophenol	11.18	266	130327	92.92	ng		99
70) Phenanthrene	11.40	178	721278	46.90	ng		100
71) Anthracene	11.45	178	660181	44.41	ng		100
72) Carbazole	11.61	167	658047	44.80	ng		97
73) Di-n-butylphthalate	11.94	149	829600	48.07	ng		100
74) Fluoranthene	12.58	202	627236	40.87	ng		99
77) Pyrene	12.81	202	640716	55.74	ng		100
79) Butylbenzylphthalate	13.43	149	310114	53.57	ng		97
80) Benzo(a)anthracene	14.00	228	483593	45.23	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	60746	15.20	ng	#	92
82) Chrysene	14.03	228	422908	40.95	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	431594	55.84	ng		99
84) Di-n-octyl phthalate	14.59	149	656914	54.31	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	516762	66.91	ng		98
87) Benzo(b)fluoranthene	15.03	252	586722m	53.01	ng		
88) Benzo(k)fluoranthene	15.06	252	327554m	35.87	ng		
89) Benzo(a)pyrene	15.38	252	433203	47.40	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	432970	60.89	ng		97
91) Benzo(g,h,i)perylene	17.28	276	411104	58.99	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
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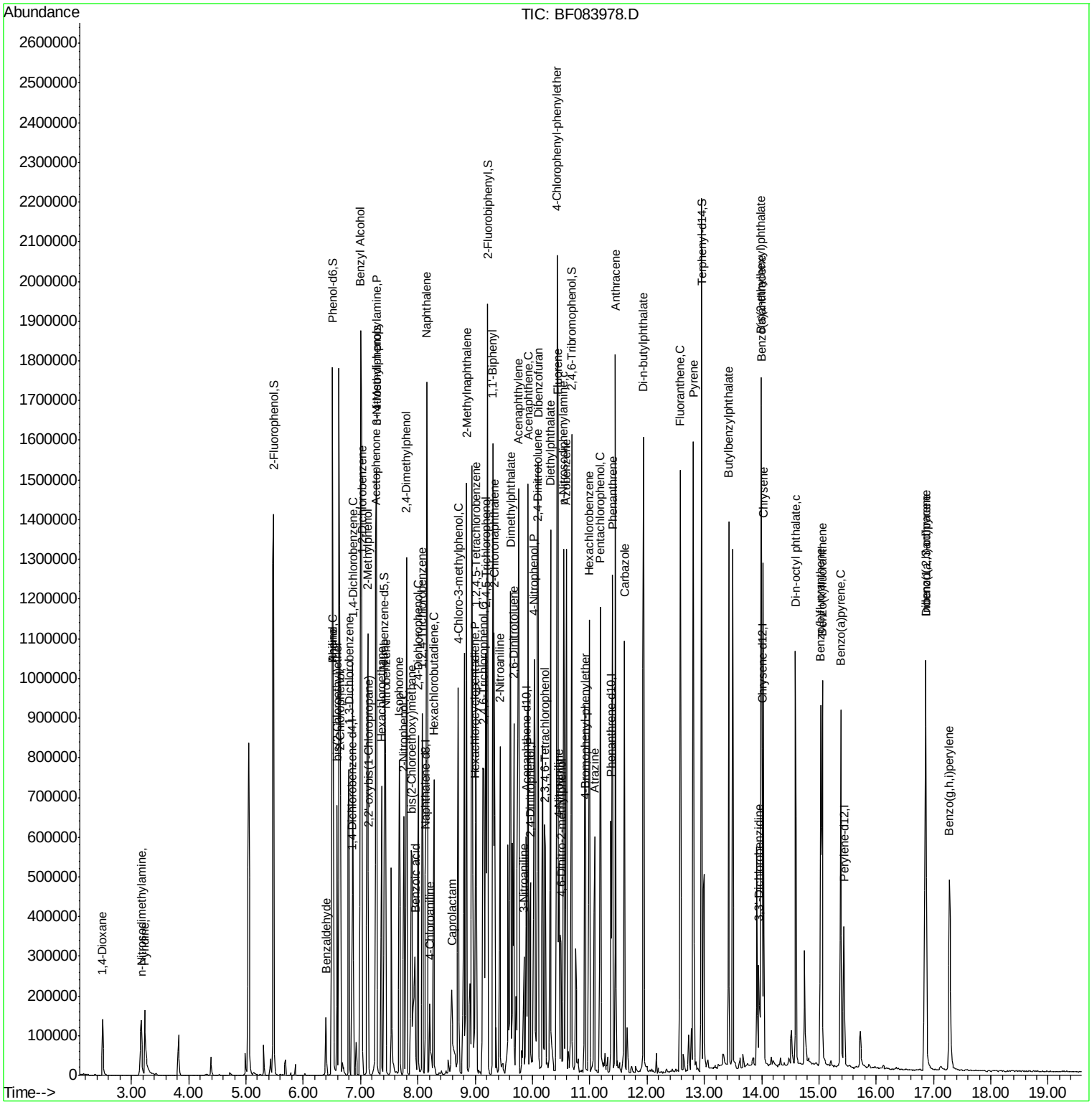
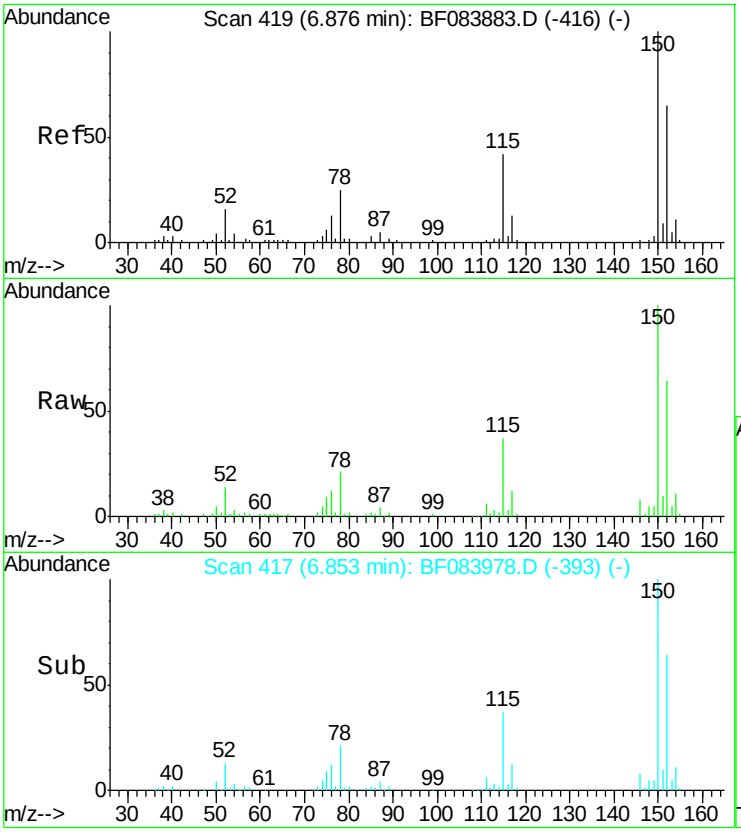
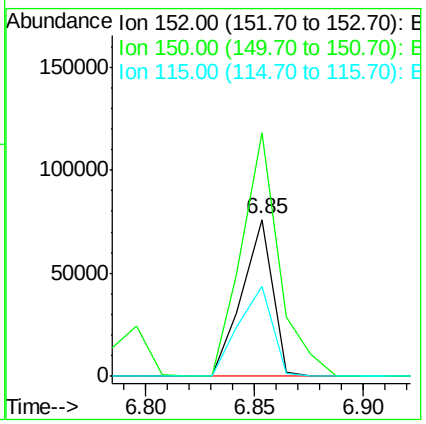




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:152 Resp: 74809

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.4
115	57.1	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
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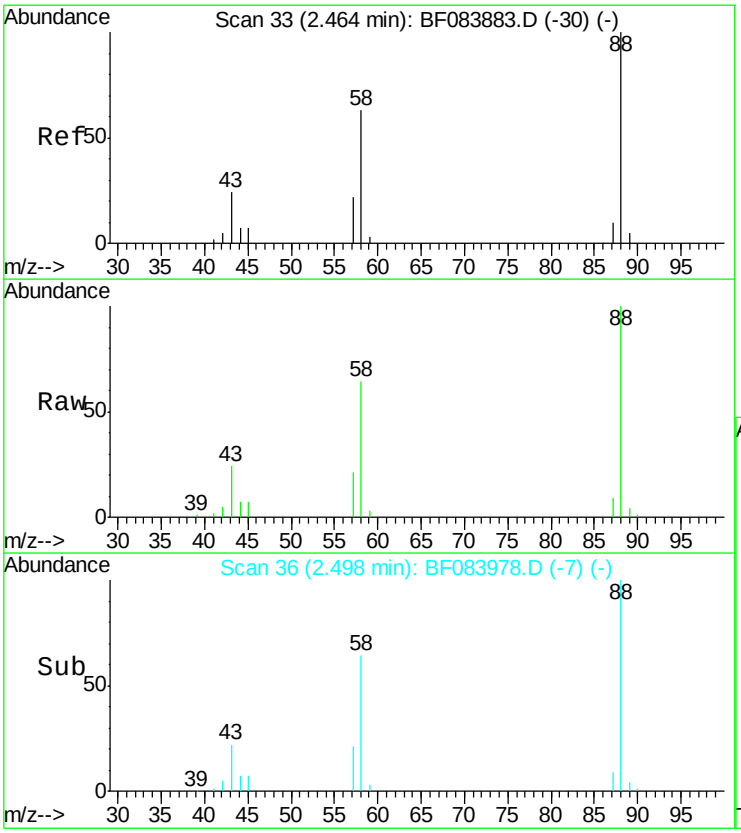
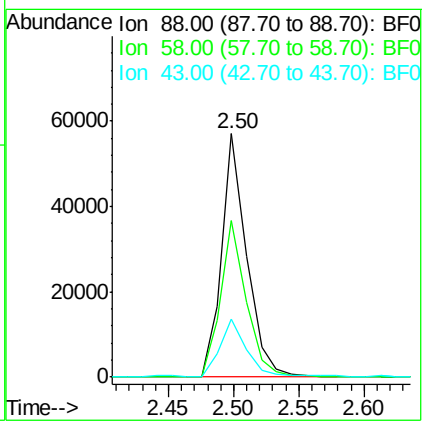
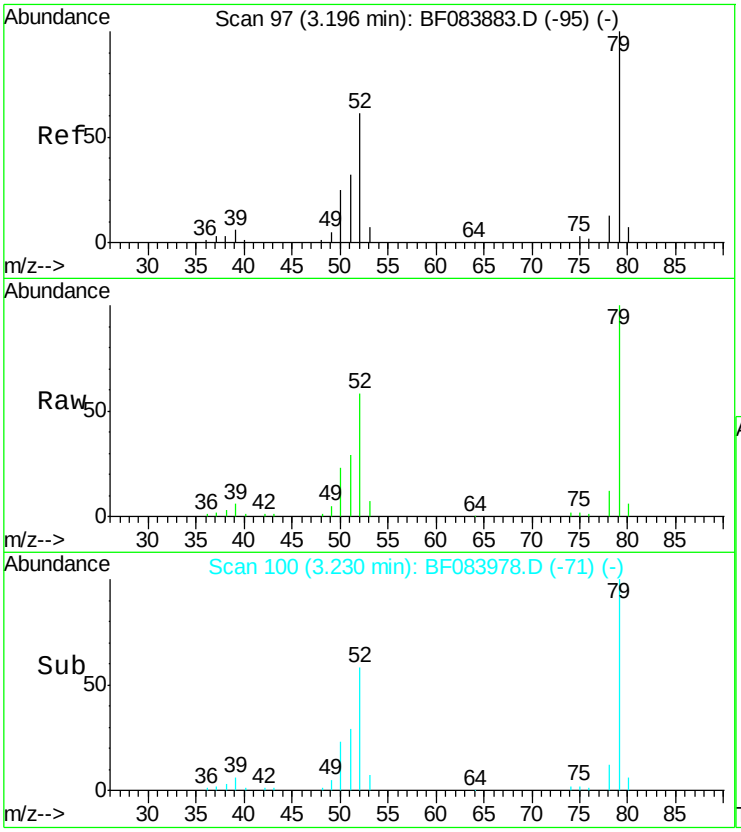


#2
1,4-Dioxane
Concen: 36.94 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 88 Resp: 76597

Ion	Ratio	Lower	Upper
88	100		
58	65.9	51.2	76.8
43	26.4	19.5	29.3

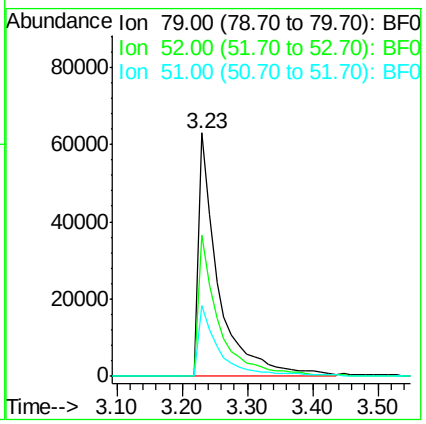




#3
Pyridine
Concen: 26.06 ng
RT: 3.23 min Scan# 100
Delta R.T. 0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 79 Resp: 133625

Ion	Ratio	Lower	Upper
79	100		
52	57.8	49.0	73.4
51	28.9	25.2	37.8



Instrument :
BNA_F
ClientSampleId :
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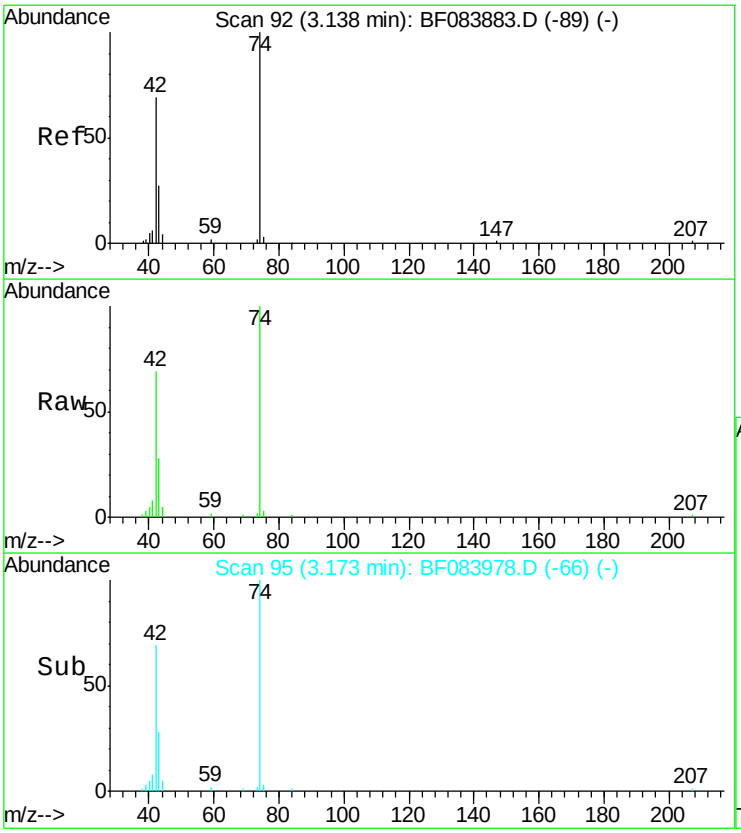
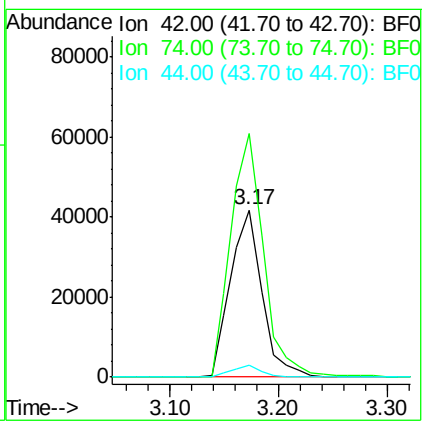
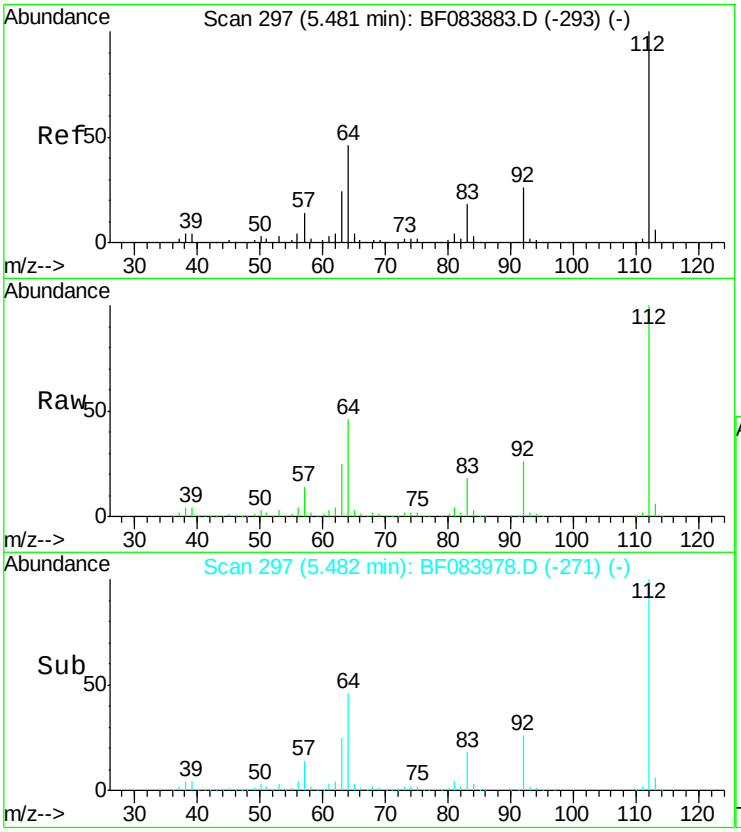


#4
n-Nitrosodimethylamine
Concen: 42.72 ng
RT: 3.17 min Scan# 95
Delta R.T. 0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 42 Resp: 83550

Ion	Ratio	Lower	Upper
42	100		
74	145.8	115.7	173.5
44	7.1	5.1	7.7

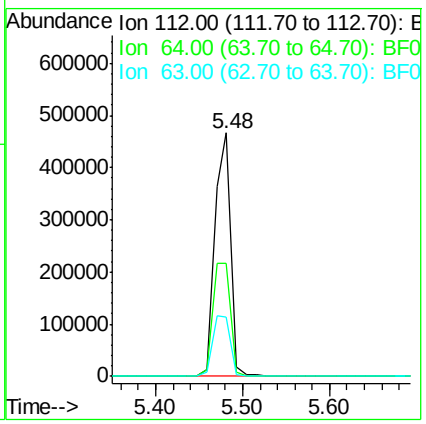




#5
2-Fluorophenol
Concen: 125.27 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:112 Resp: 598812

Ion	Ratio	Lower	Upper
112	100		
64	46.5	36.6	55.0
63	24.6	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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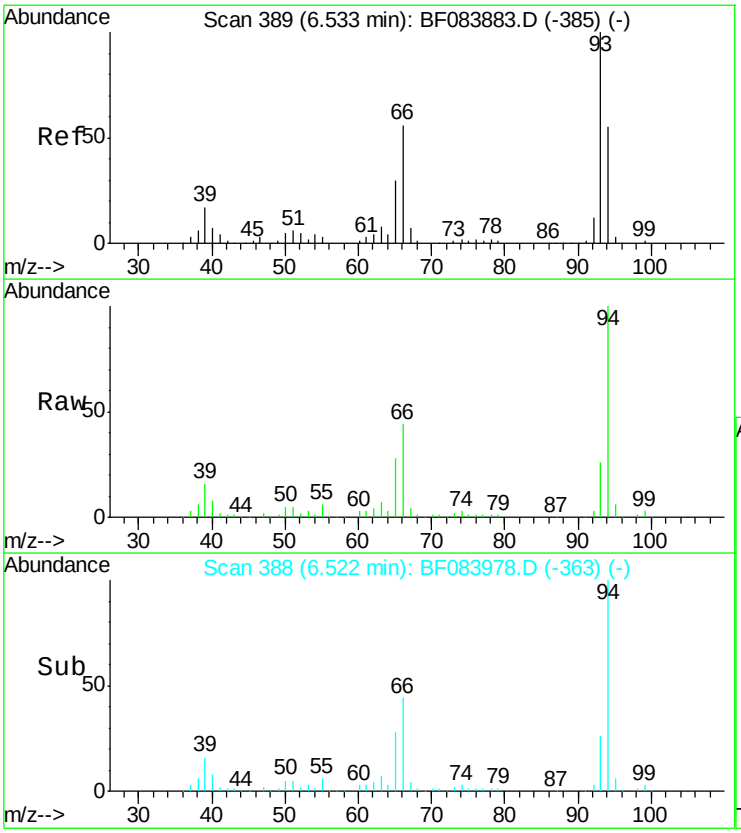
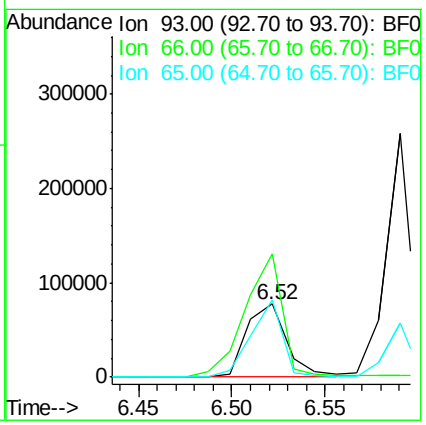
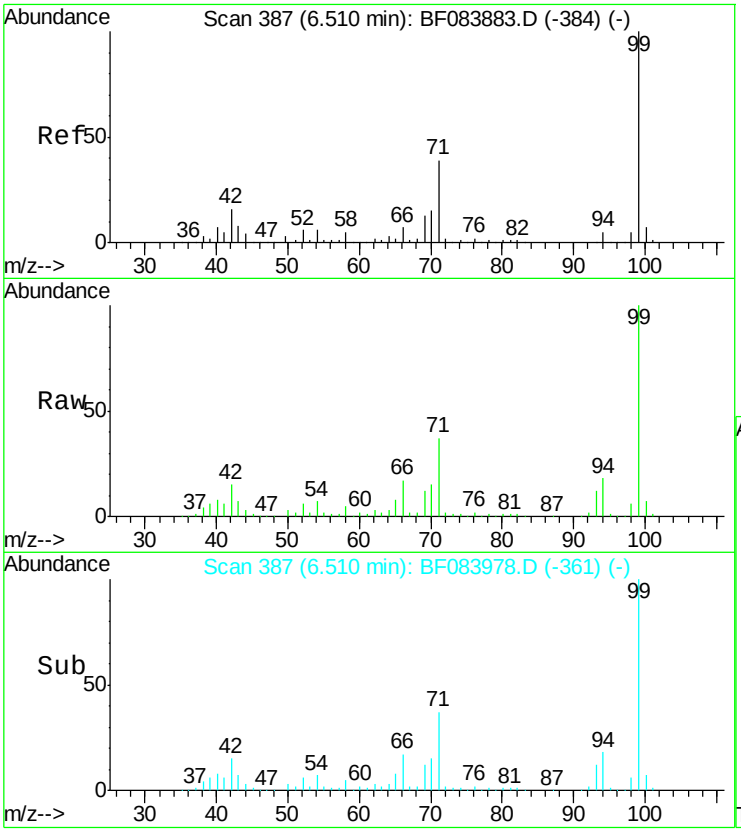


#6
Aniline
Concen: 15.46 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 93 Resp: 116490

Ion	Ratio	Lower	Upper
93	100		
66	169.3	44.9	67.3#
65	106.2	23.7	35.5#

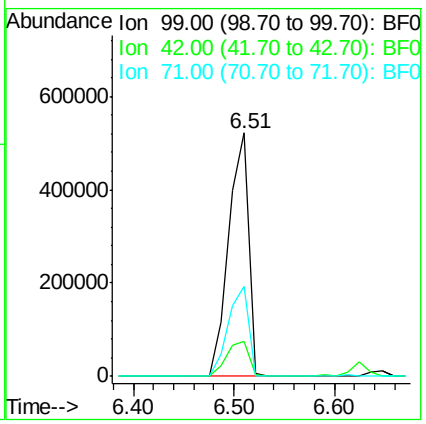




#7
Phenol-d6
Concen: 123.41 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 99 Resp: 722109

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	36.8	30.9	46.3



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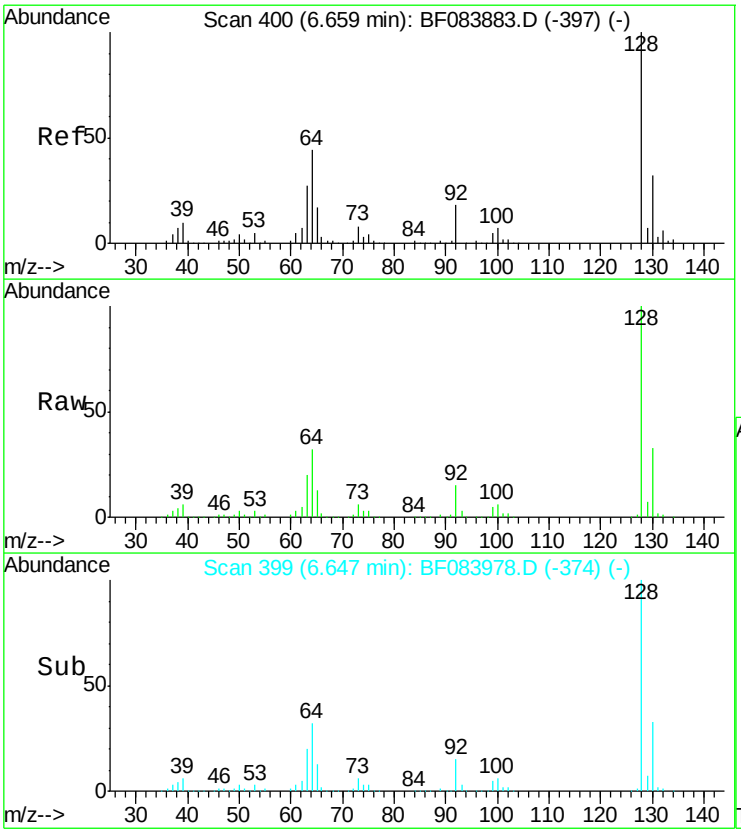
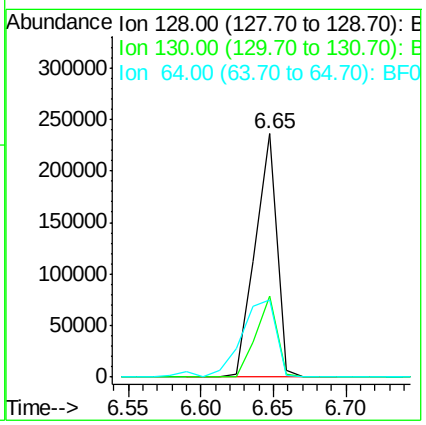
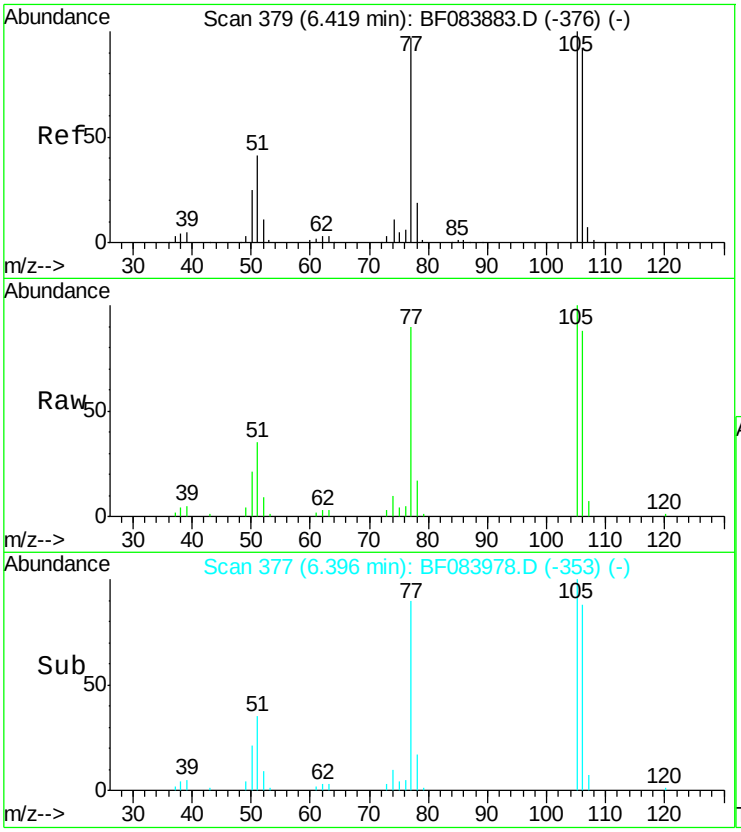


#8
2-Chlorophenol
Concen: 43.10 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:128 Resp: 245208

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.6	51.6
64	31.7	23.8	63.8

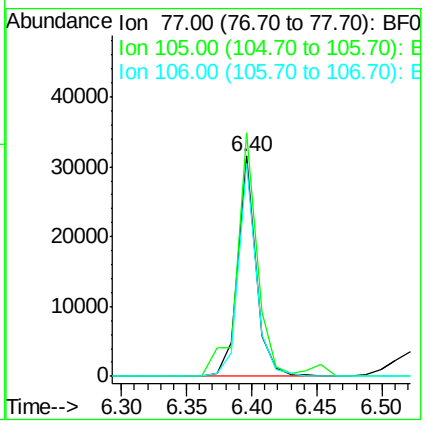




#9
Benzaldehyde
Concen: 8.61 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 77 Resp: 30360

Ion	Ratio	Lower	Upper
77	100		
105	110.6	83.0	123.0
106	96.9	74.6	114.6



Instrument :
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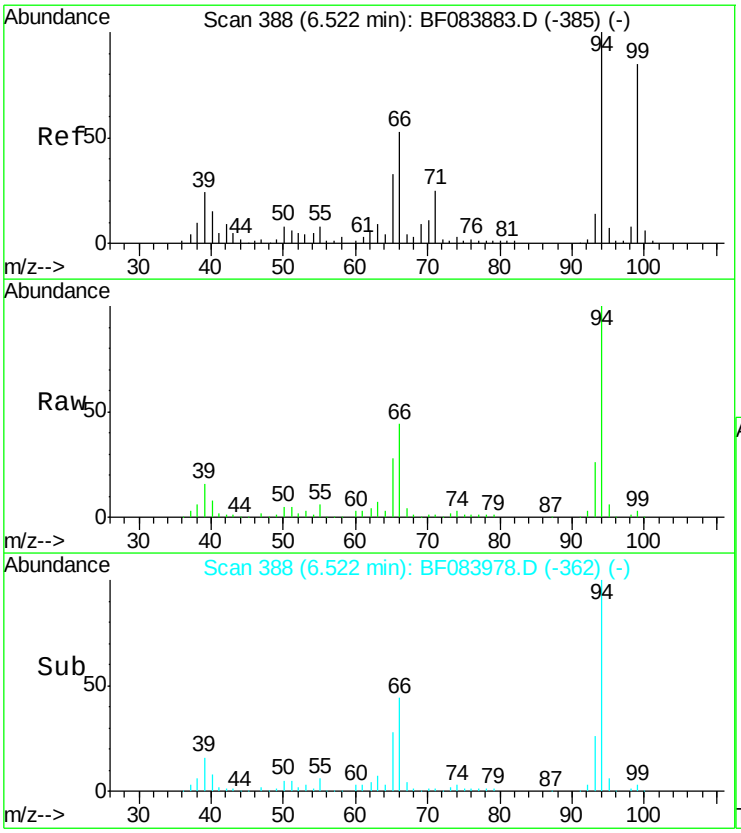
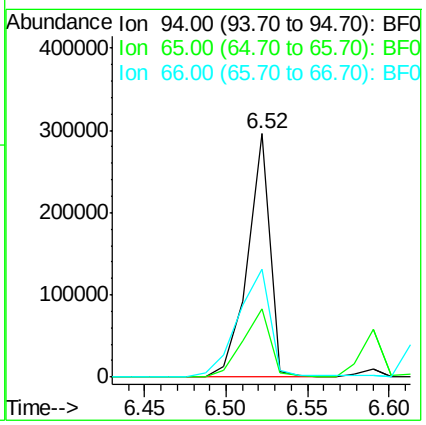
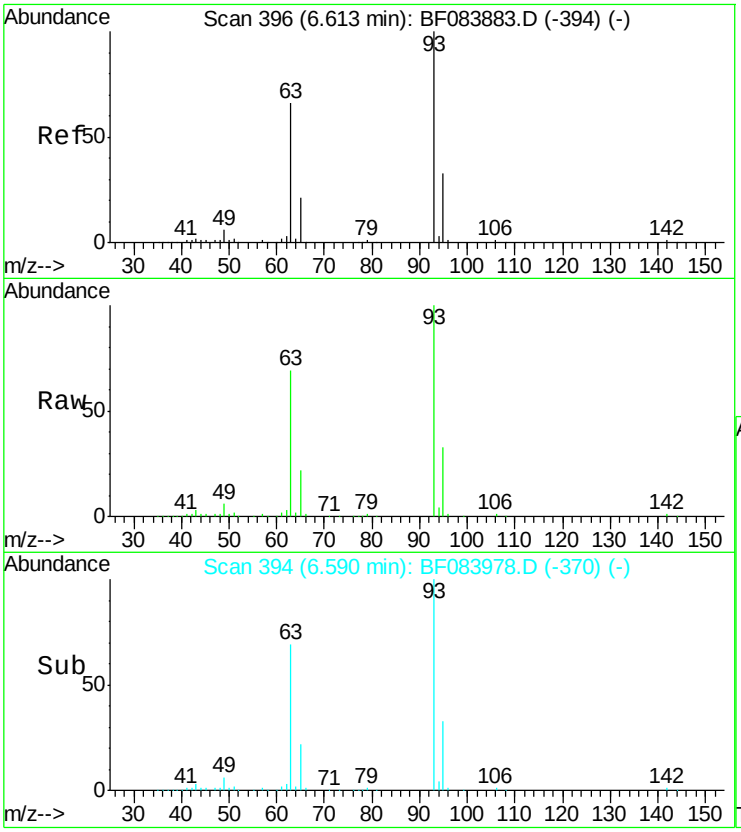


#10
Phenol
Concen: 43.25 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 94 Resp: 282374

Ion	Ratio	Lower	Upper
94	100		
65	27.8	12.9	52.9
66	44.4	32.7	72.7

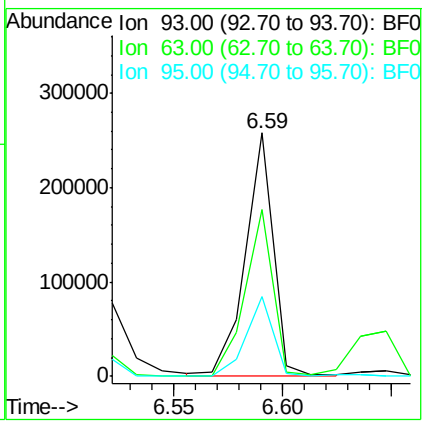




#11
bis(2-Chloroethyl)ether
Concen: 46.74 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 93 Resp: 231809

Ion	Ratio	Lower	Upper
93	100		
63	68.7	45.9	85.9
95	33.0	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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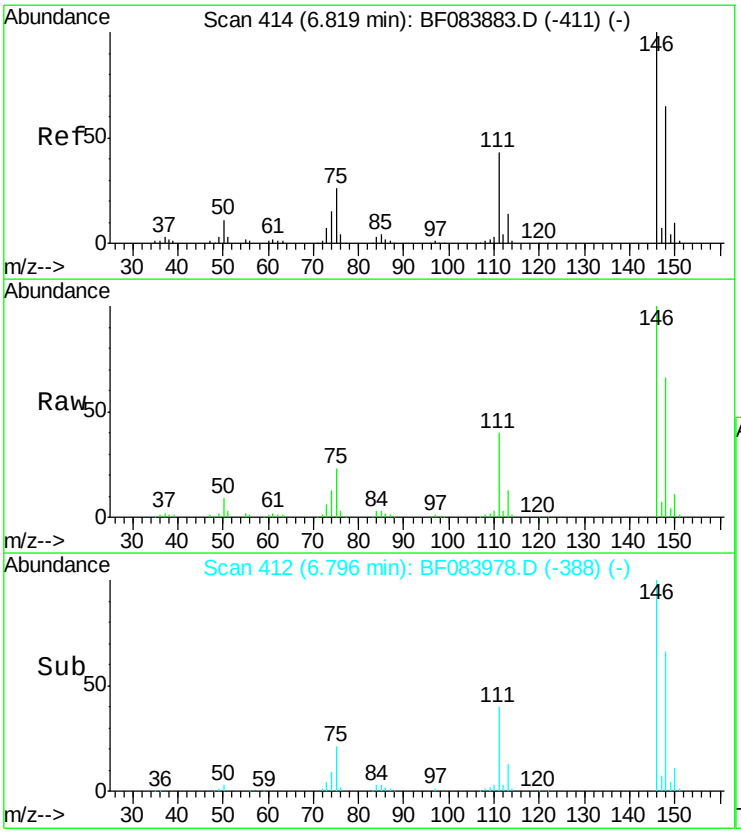
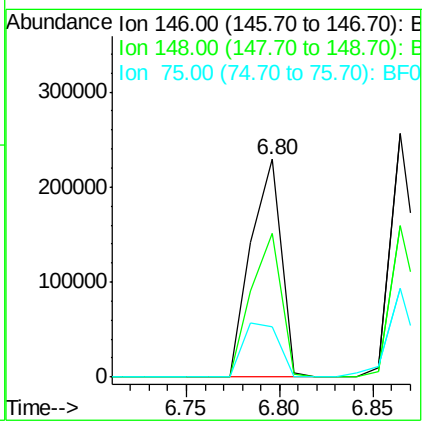
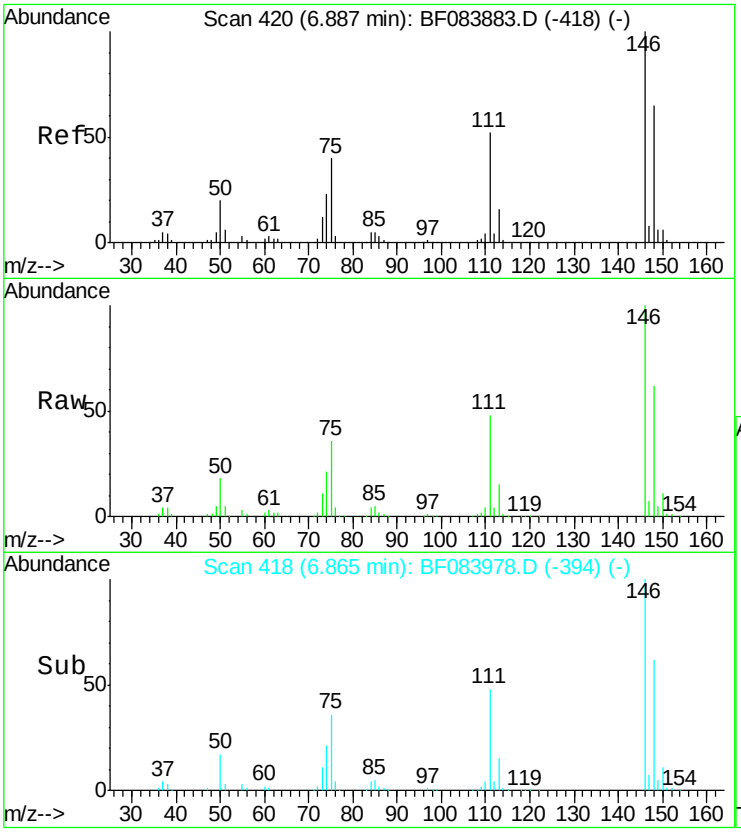


#12
1,3-Dichlorobenzene
Concen: 42.22 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:146 Resp: 258338

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
75	22.9	20.5	30.7

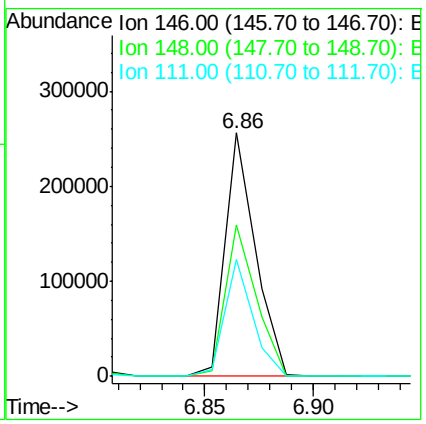




#13
1,4-Dichlorobenzene
Concen: 39.45 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:146 Resp: 246436

Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
111	47.9	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
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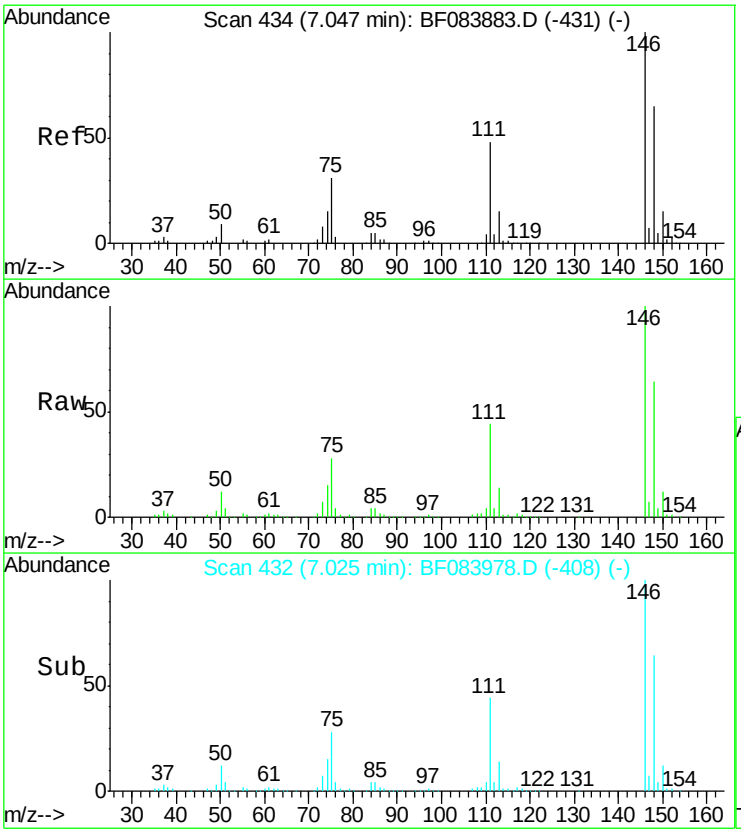
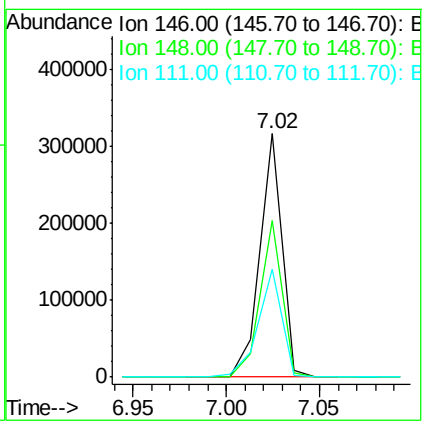
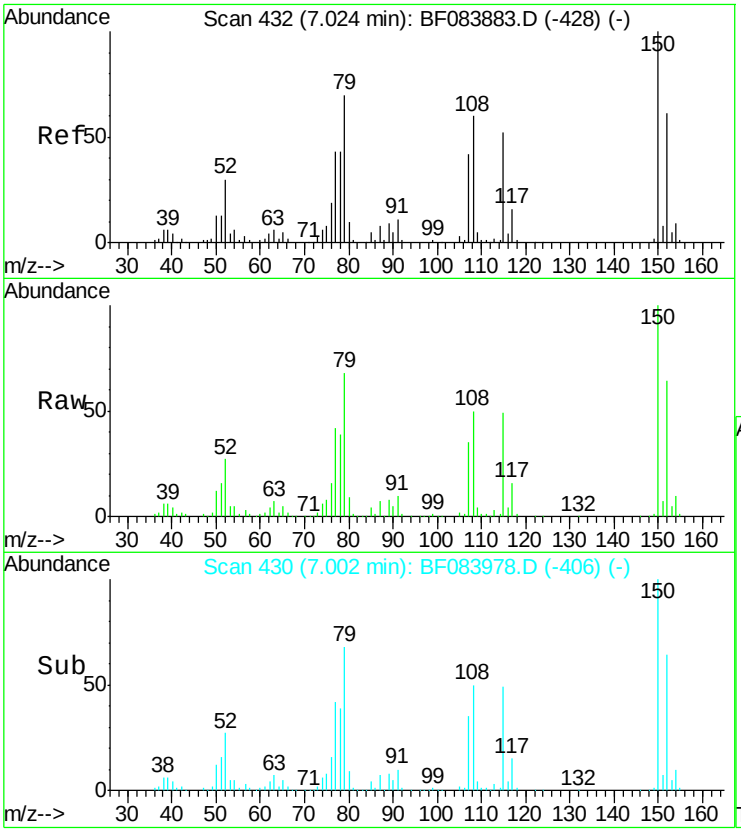


#14
1,2-Dichlorobenzene
Concen: 51.78 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:146 Resp: 257748

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	44.1	38.0	57.0

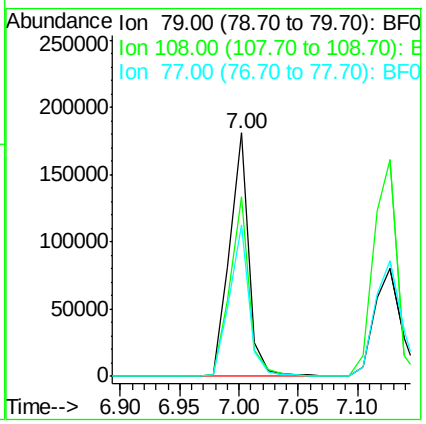




#15
Benzyl Alcohol
Concen: 46.48 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 79 Resp: 205804

Ion	Ratio	Lower	Upper
79	100		
108	73.9	69.0	103.4
77	62.3	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
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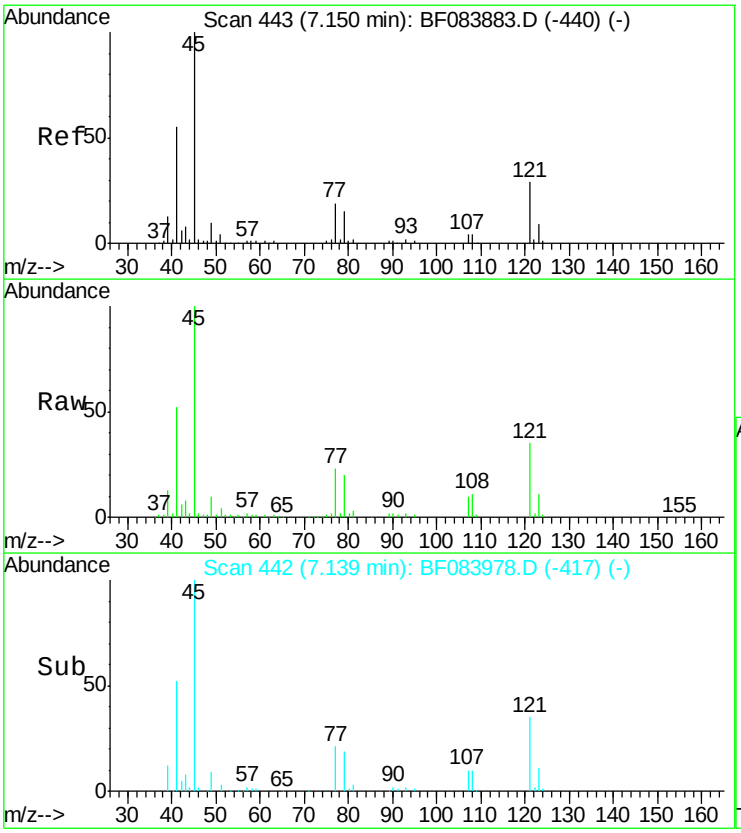
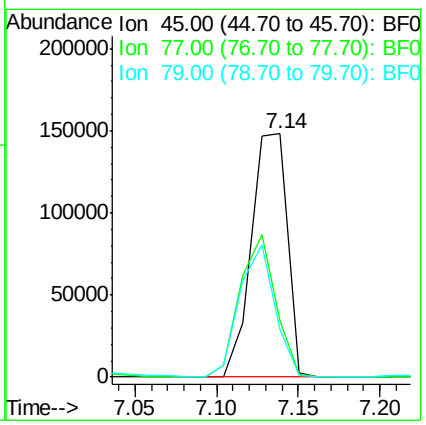
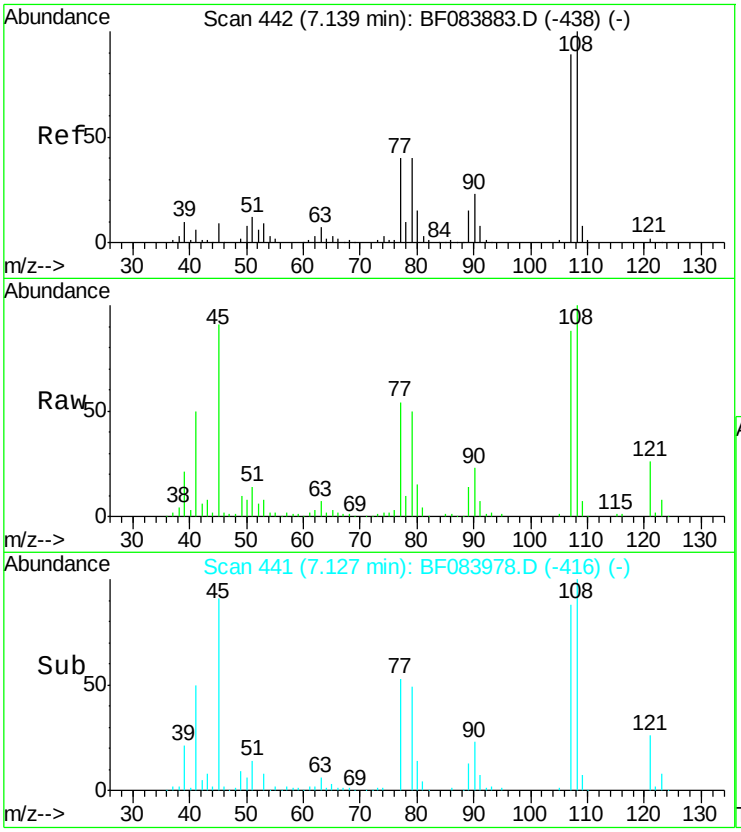


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.43 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 45 Resp: 227215

Ion	Ratio	Lower	Upper
45	100		
77	23.4	0.0	39.6
79	19.6	0.0	35.0

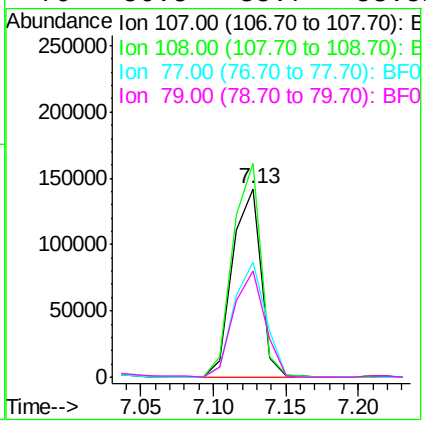




#17
2-Methylphenol
Concen: 43.33 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:107 Resp: 193358

Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.8	134.6
77	60.9	35.7	53.5#
79	56.5	35.7	53.5#



Instrument :
BNA_F
ClientSampleId :
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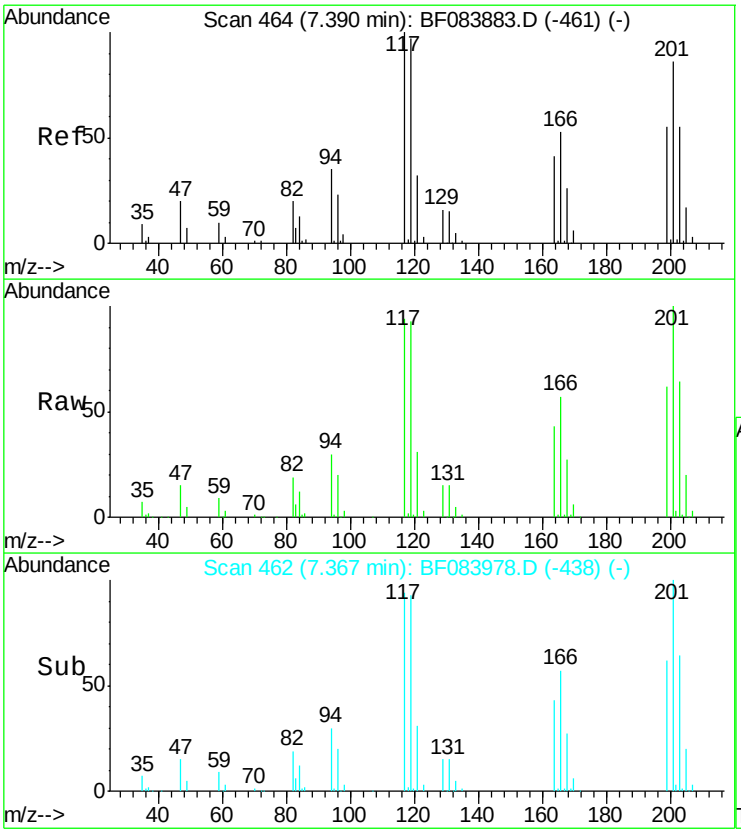
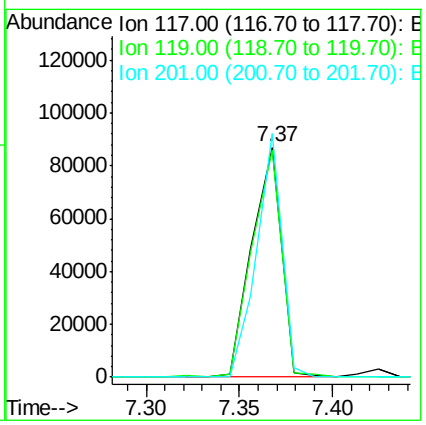
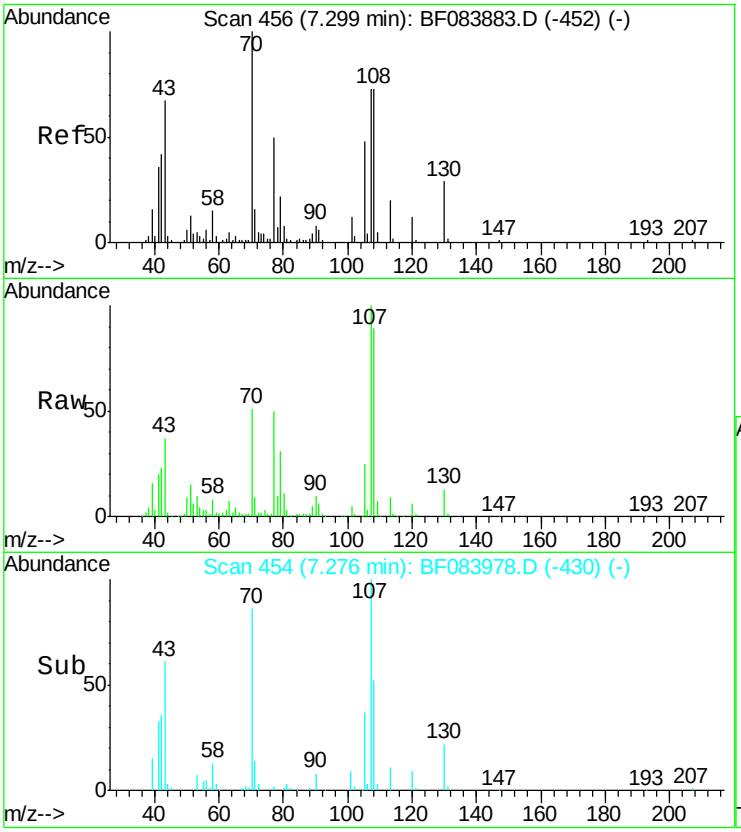


#18
Hexachloroethane
Concen: 41.49 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:117 Resp: 95098

Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.4	116.0
201	106.0	68.6	103.0#

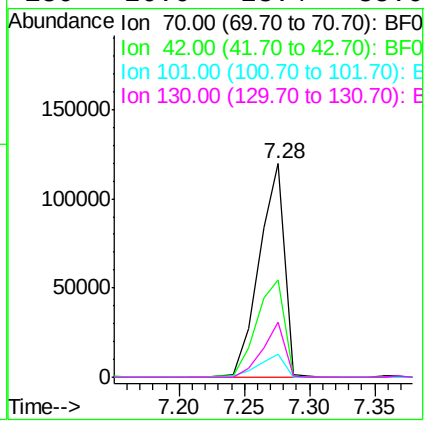




#19
n-Nitroso-di-n-propylamine
Concen: 47.17 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 70 Resp: 160883

Ion	Ratio	Lower	Upper
70	100		
42	45.4	33.3	49.9
101	10.7	9.3	13.9
130	26.0	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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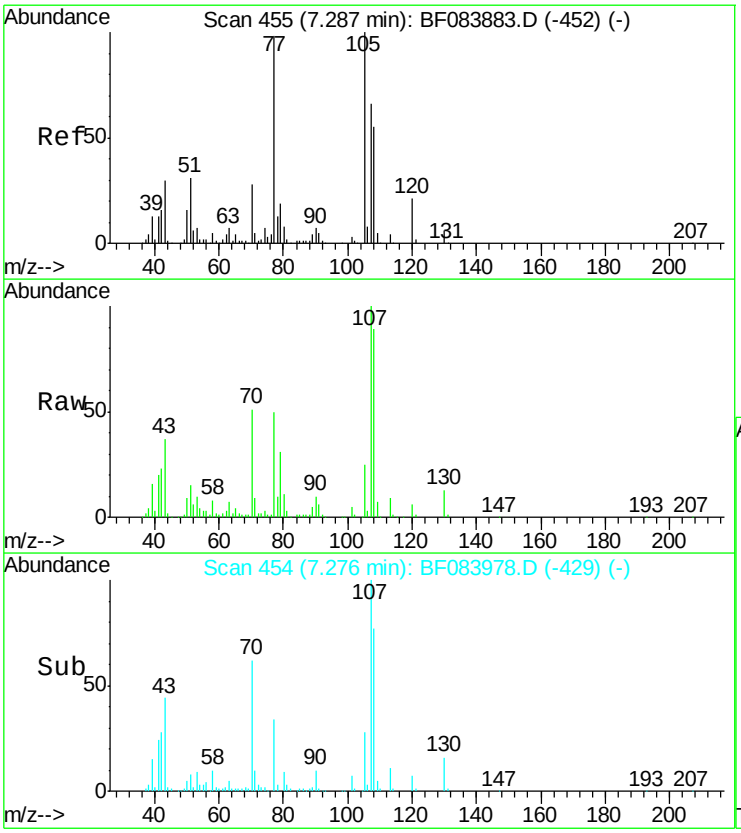
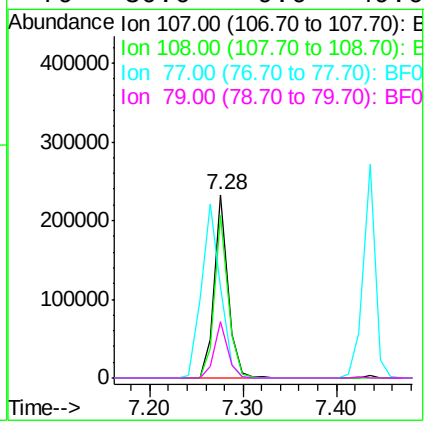
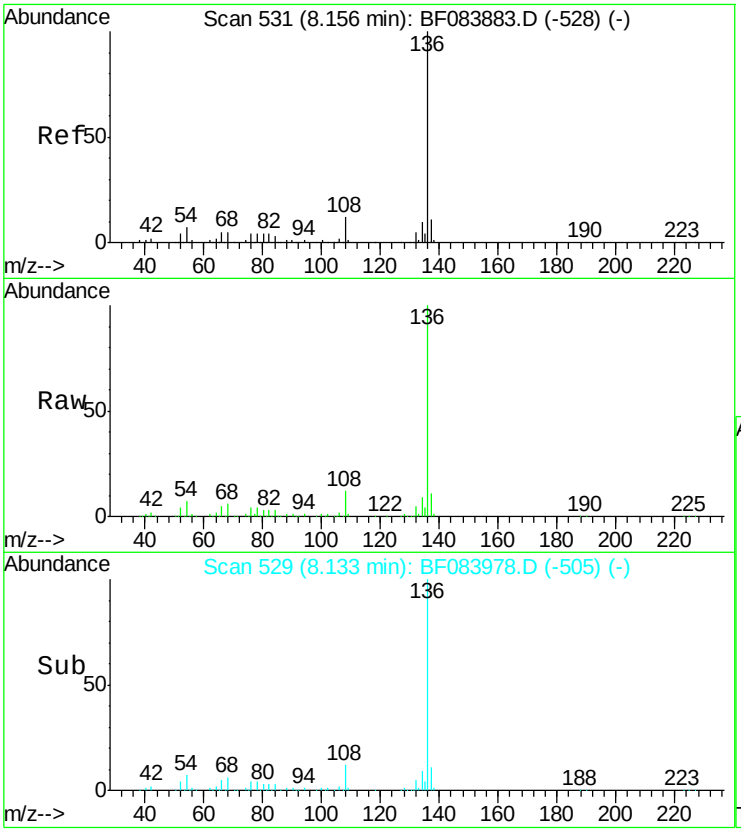


#20
3+4-Methylphenols
Concen: 45.55 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:107 Resp: 238865

Ion	Ratio	Lower	Upper
107	100		
108	88.5	64.1	104.1
77	49.6	128.9	168.9#
79	30.6	9.6	49.6

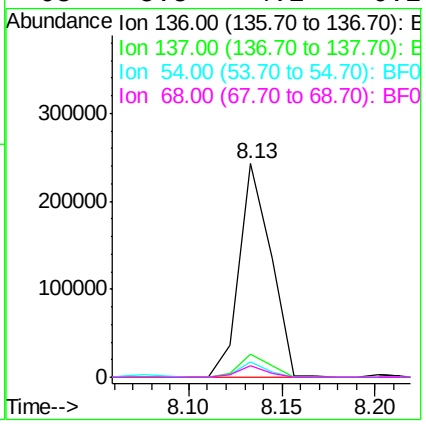




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:136 Resp: 286396

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.8	8.8
68	5.5	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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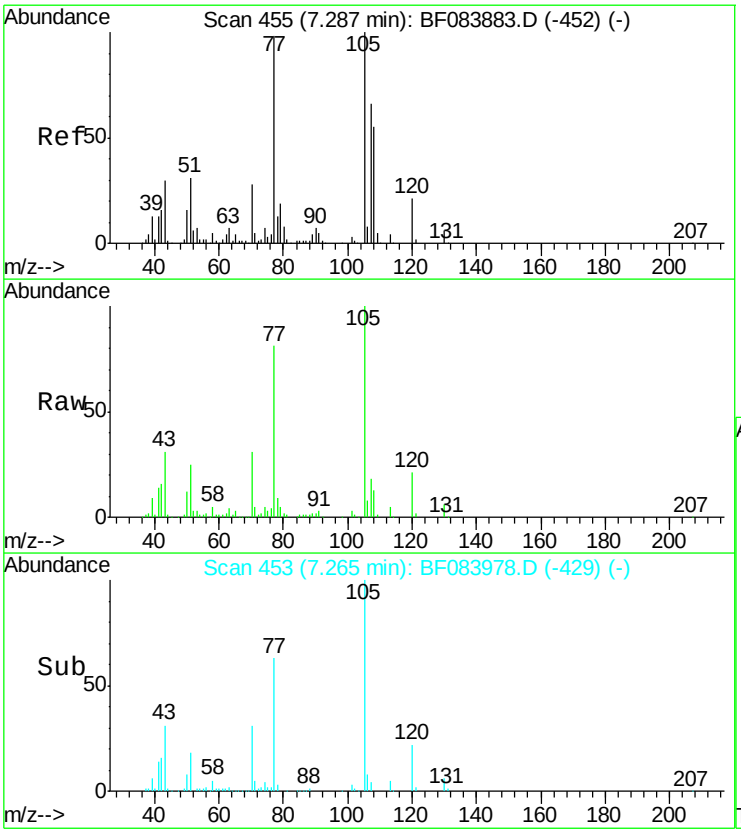
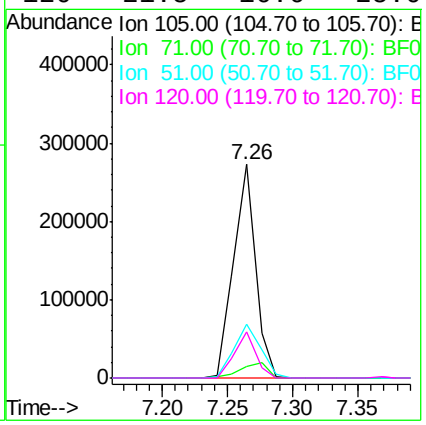
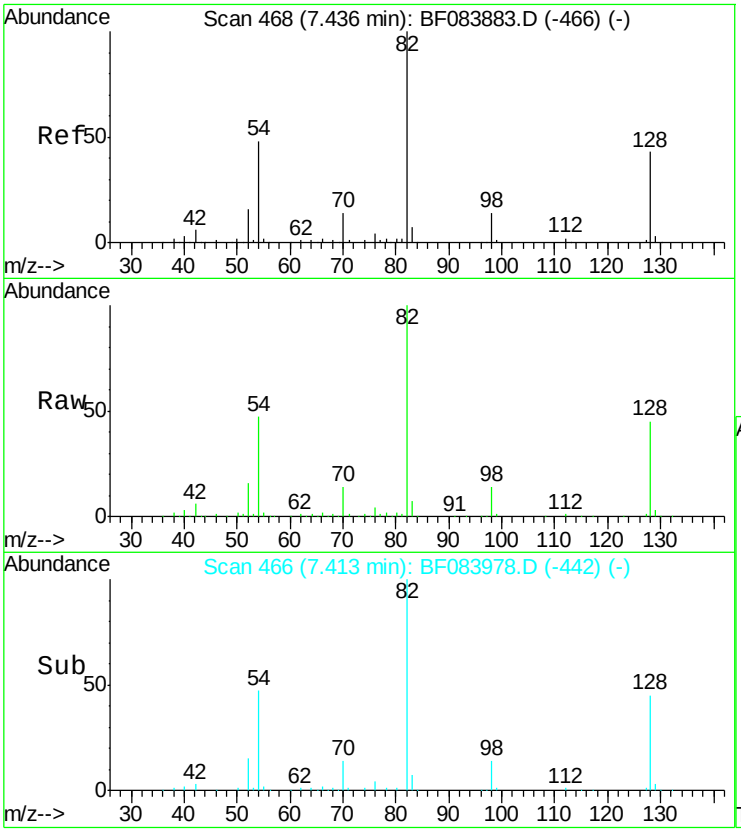


#22
Acetophenone
Concen: 46.37 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:105 Resp: 319698

Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.7	5.5
51	25.1	25.1	37.7
120	21.5	16.6	25.0

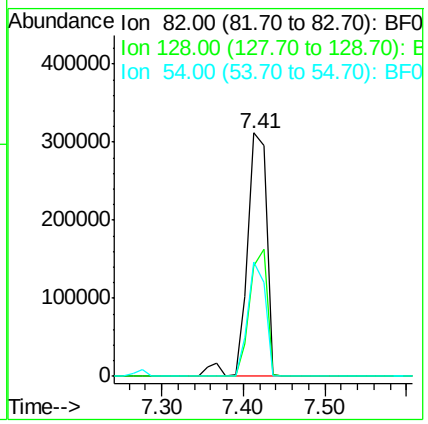




#23
Nitrobenzene-d5
Concen: 101.56 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 82 Resp: 509655

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	46.8	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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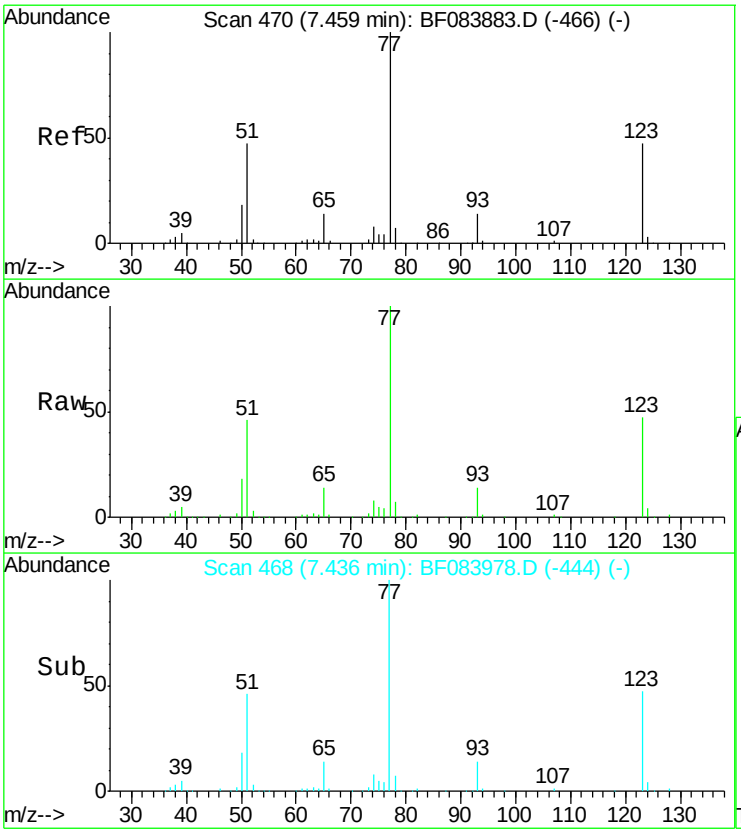
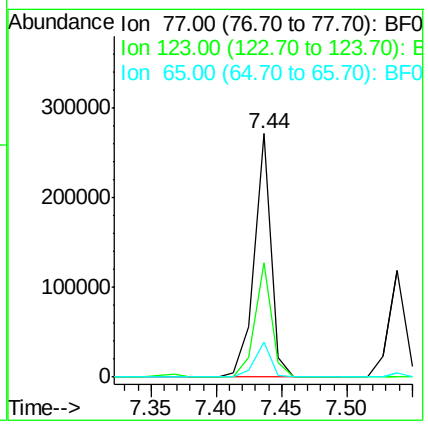
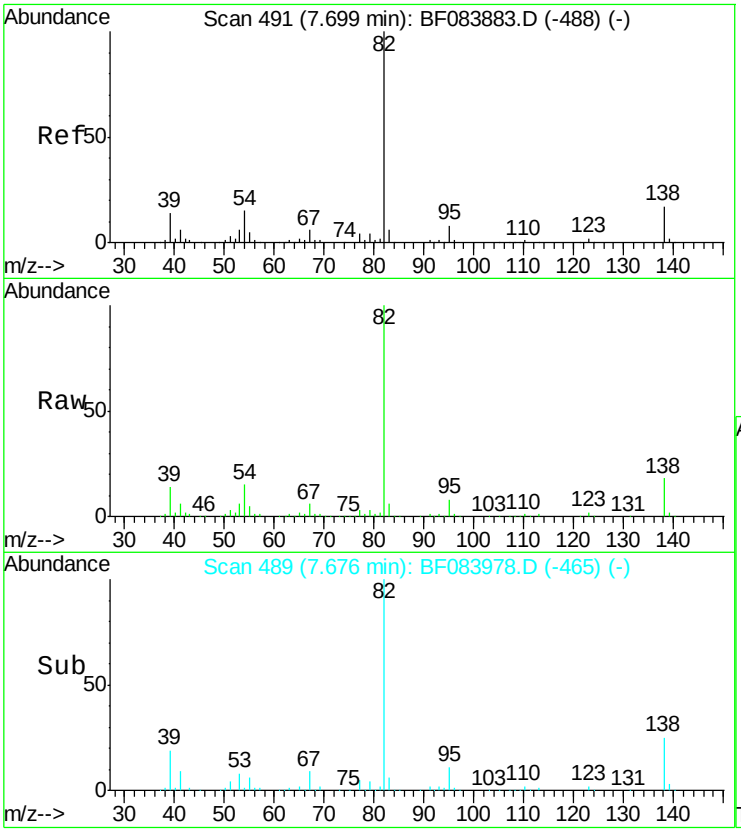


#24
Nitrobenzene
Concen: 47.31 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 77 Resp: 245527

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.4	56.2
65	14.3	10.9	16.3

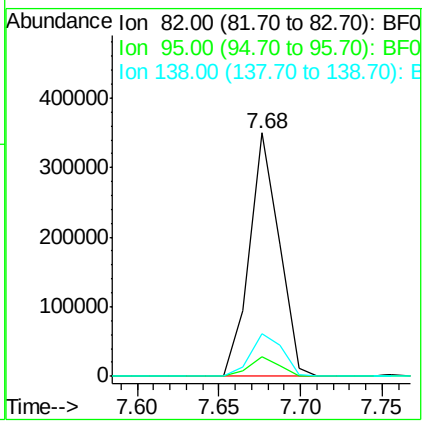




#25
Isophorone
Concen: 47.12 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 82 Resp: 444864

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.6	10.0
138	17.6	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
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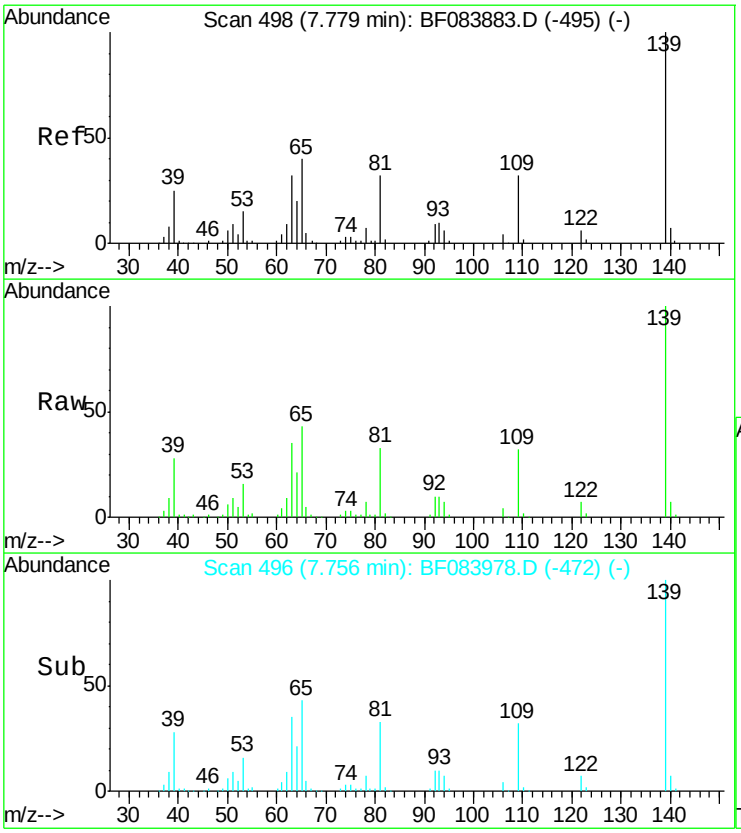
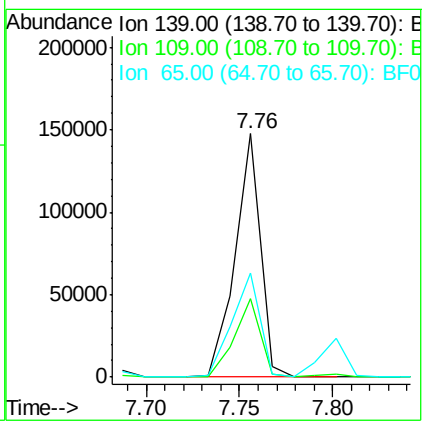
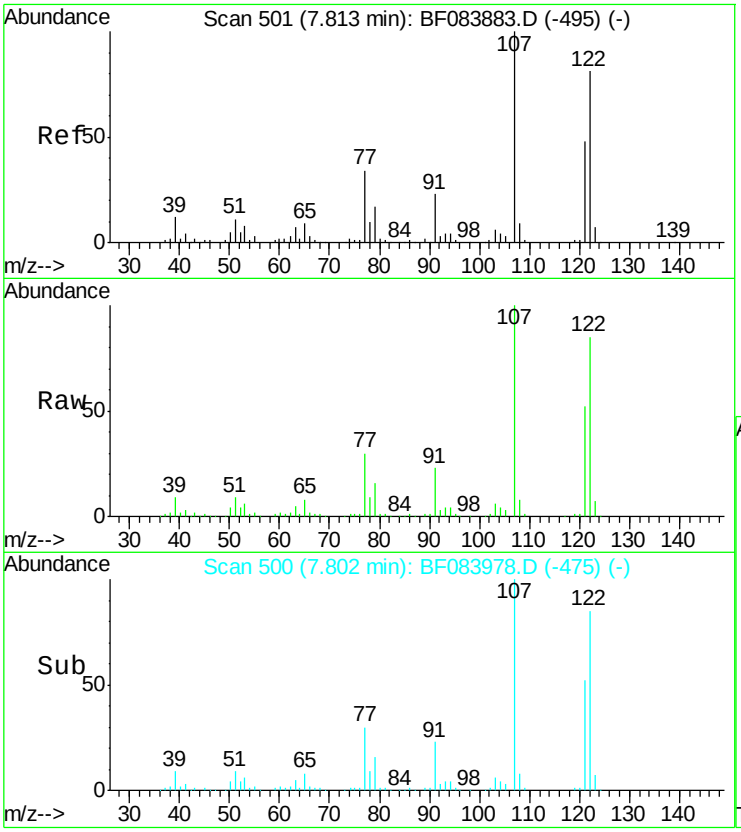


#26
2-Nitrophenol
Concen: 52.17 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:139 Resp: 140151

Ion	Ratio	Lower	Upper
139	100		
109	32.1	25.4	38.2
65	42.6	32.3	48.5

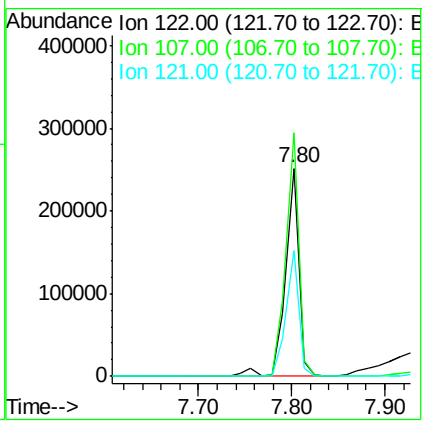




#27
2,4-Dimethylphenol
Concen: 53.89 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:122 Resp: 249389

Ion	Ratio	Lower	Upper
122	100		
107	117.2	99.1	148.7
121	60.4	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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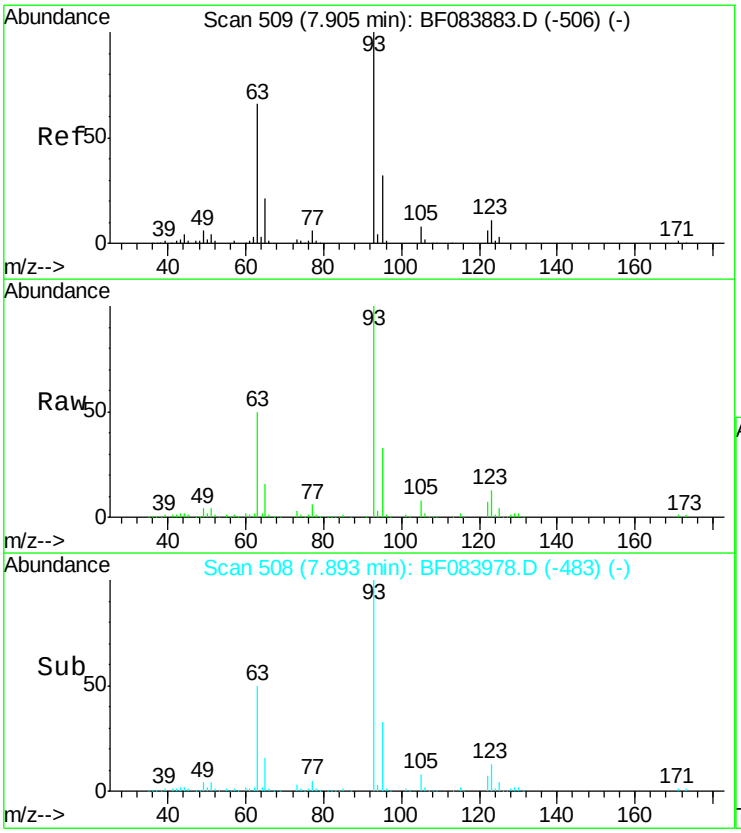
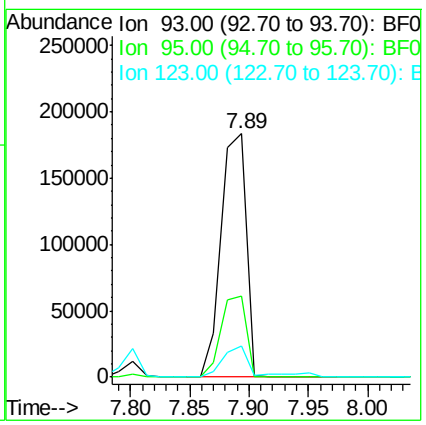
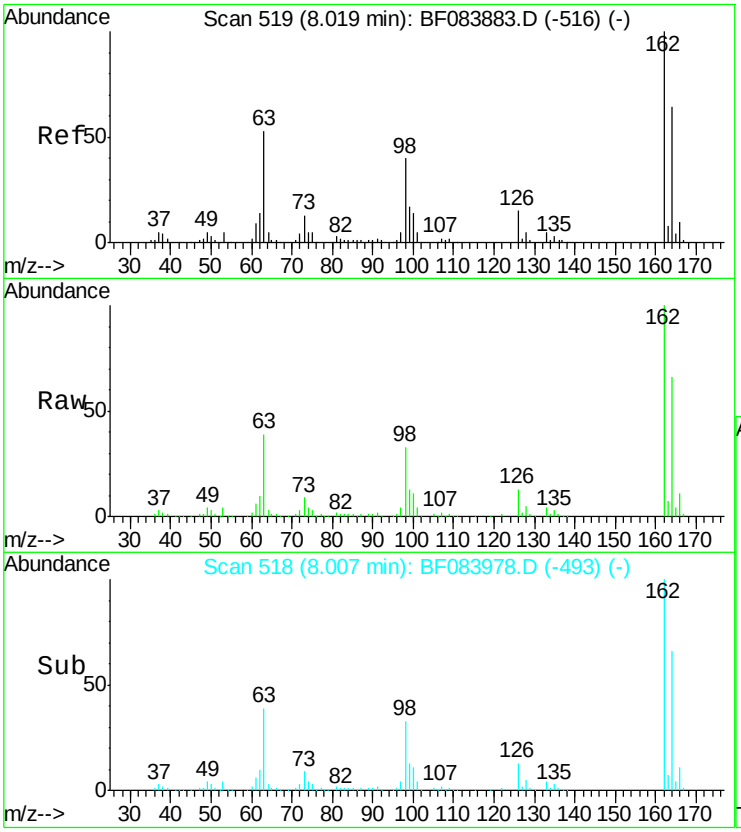


#28
bis(2-Chloroethoxy)methane
Concen: 48.34 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 93 Resp: 269964

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.6
123	13.0	8.6	12.8#

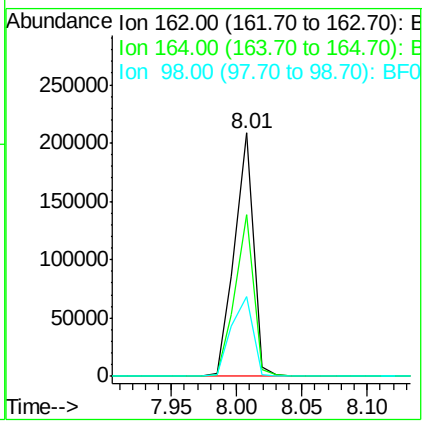




#29
2,4-Dichlorophenol
Concen: 50.14 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:162 Resp: 210496

Ion	Ratio	Lower	Upper
162	100		
164	66.4	44.1	84.1
98	32.8	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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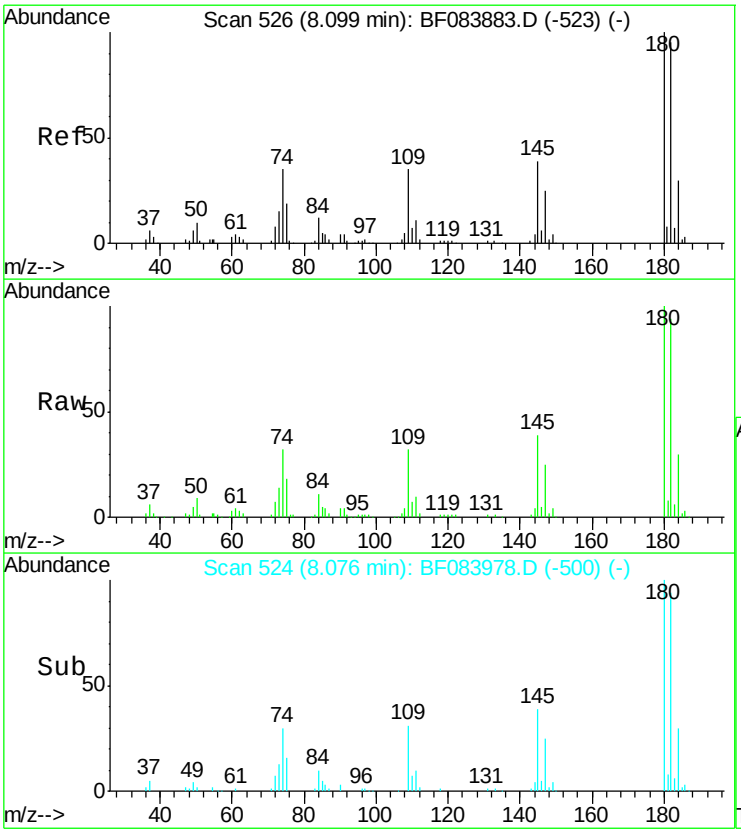
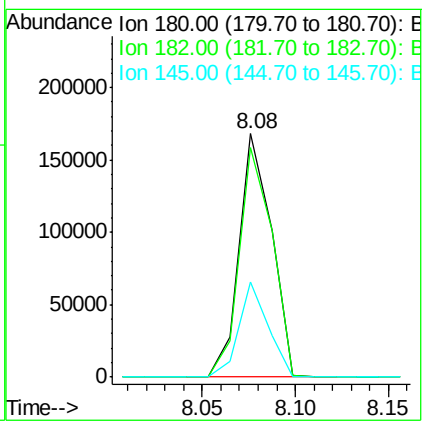
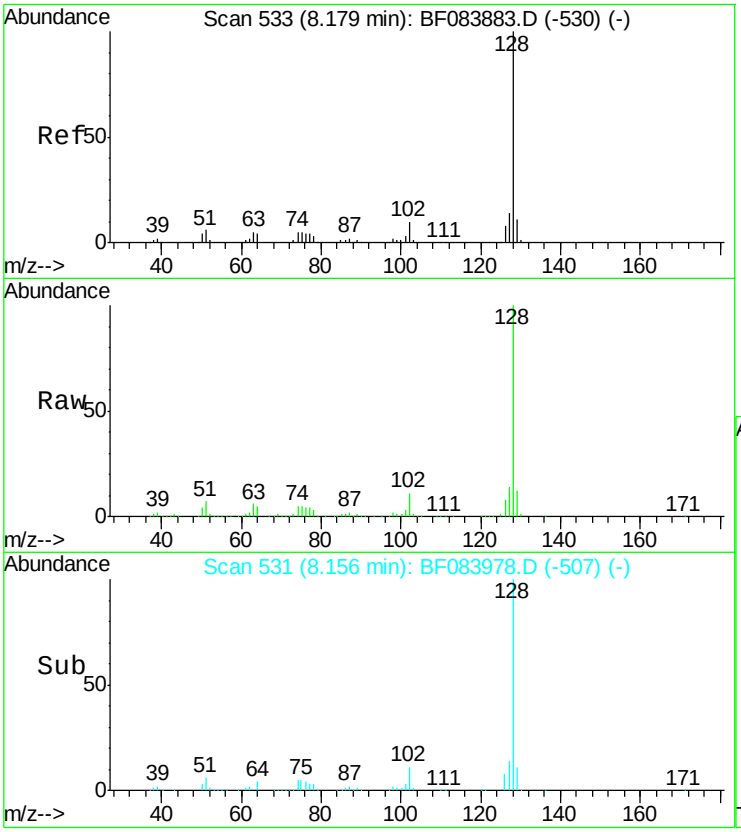


#30
1,2,4-Trichlorobenzene
Concen: 45.28 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:180 Resp: 204163

Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.4	114.6
145	38.9	31.6	47.4

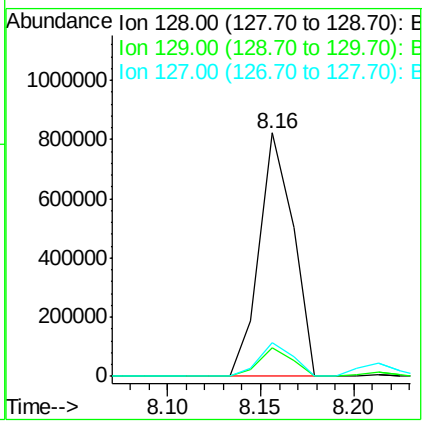




#31
Naphthalene
Concen: 73.59 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:128 Resp: 1041676

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.9	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
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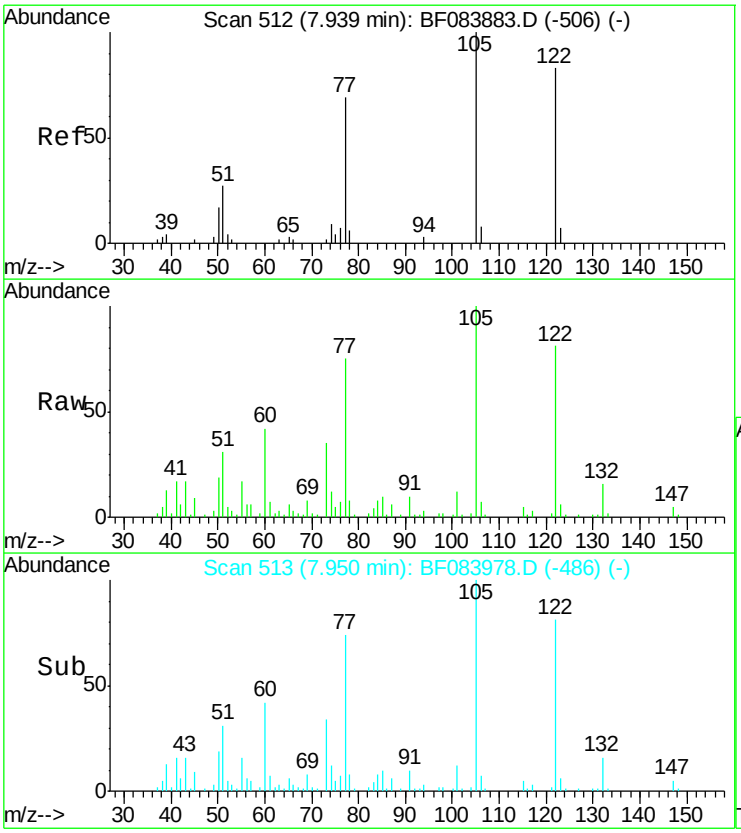
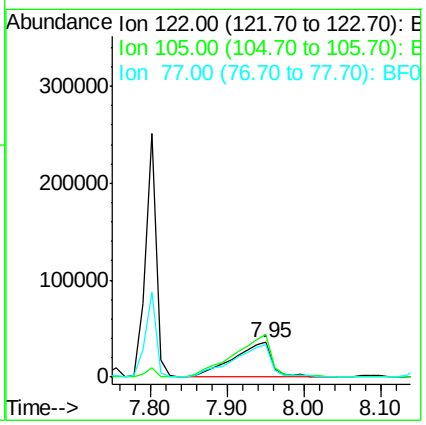
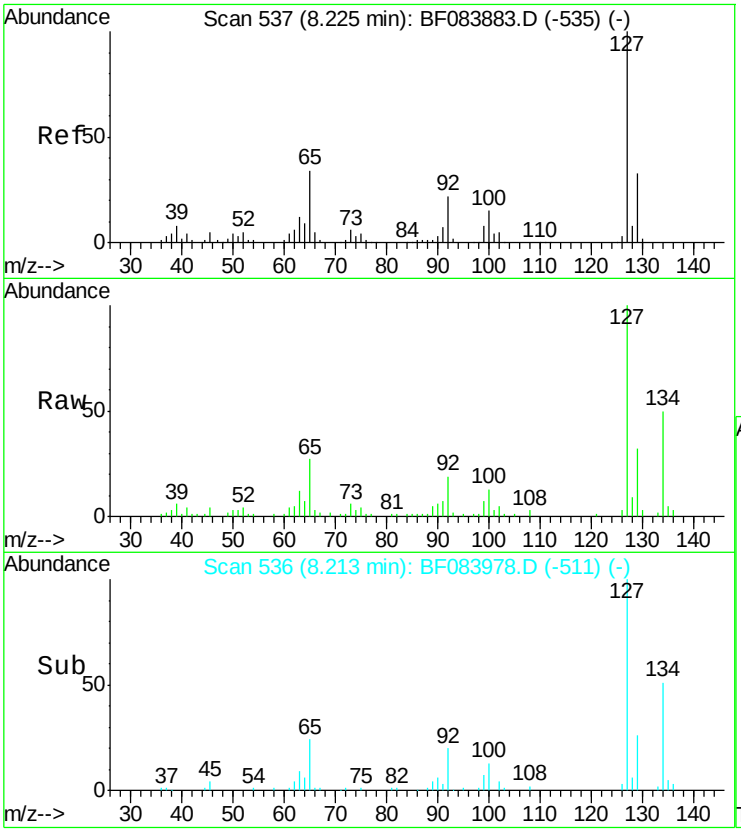


#32
Benzoic acid
Concen: 64.82 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:122 Resp: 125405

Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.3	140.3
77	92.6	63.5	103.5

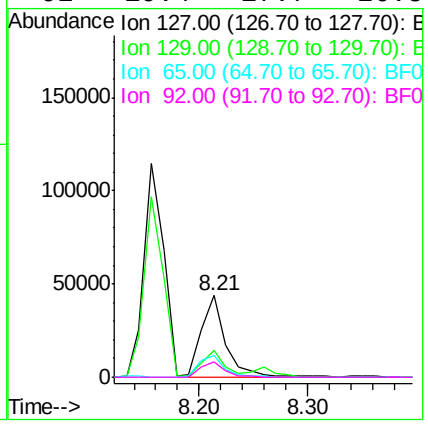




#33
4-Chloroaniline
Concen: 10.19 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:127 Resp: 66256

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	26.7	27.2	40.8#
92	19.4	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
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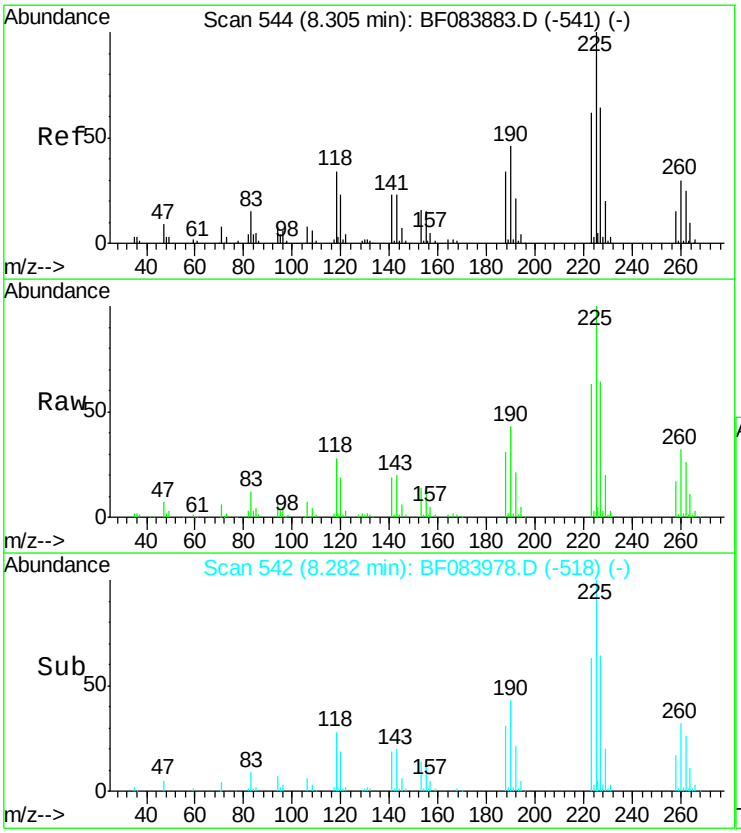
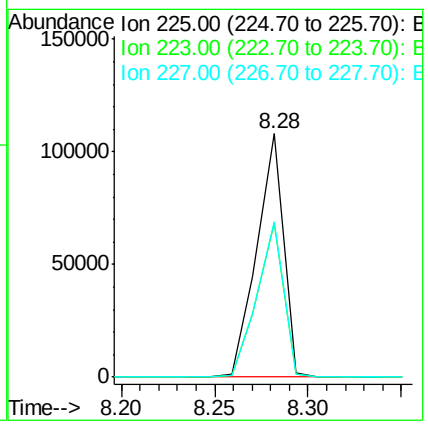
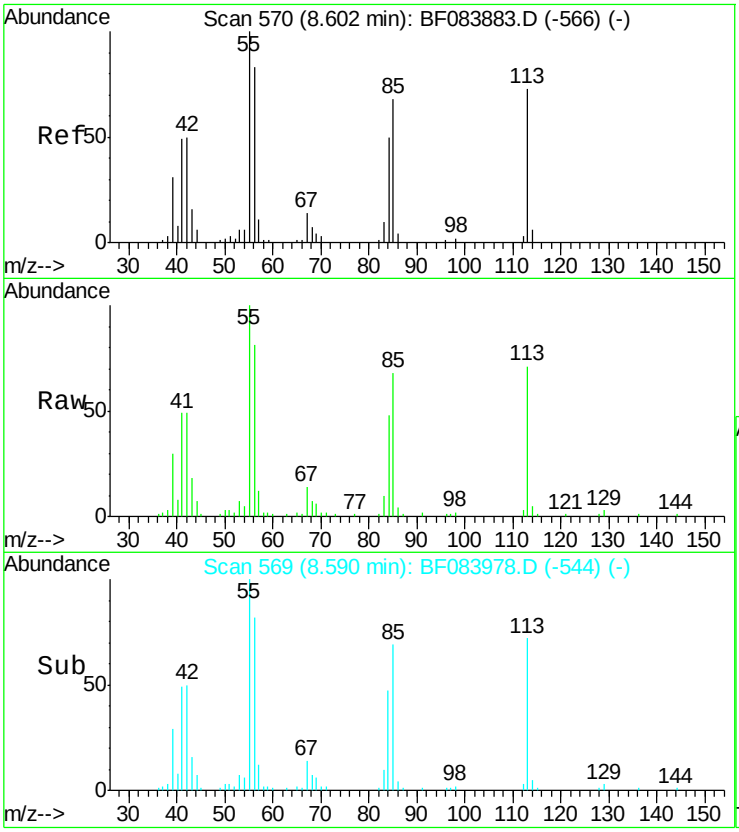


#34
Hexachlorobutadiene
Concen: 37.95 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:225 Resp: 106858

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	63.8	50.8	76.2

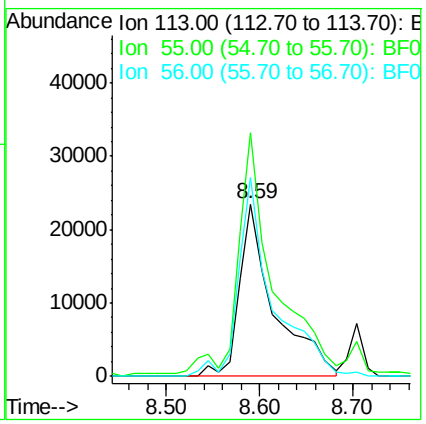




#35
Caprolactam
Concen: 44.16 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:113 Resp: 61256

Ion	Ratio	Lower	Upper
113	100		
55	141.5	116.9	156.9
56	115.2	93.8	133.8



Instrument :
BNA_F
ClientSampleId :
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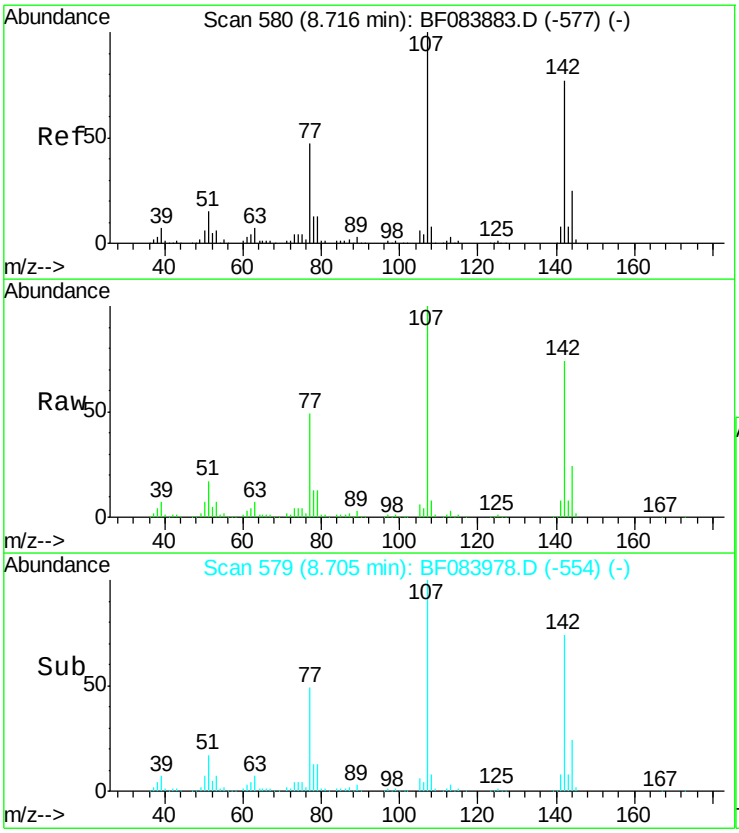
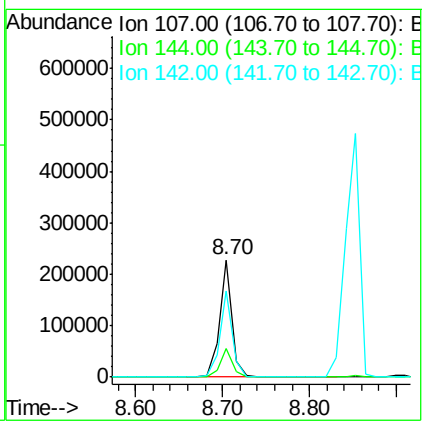
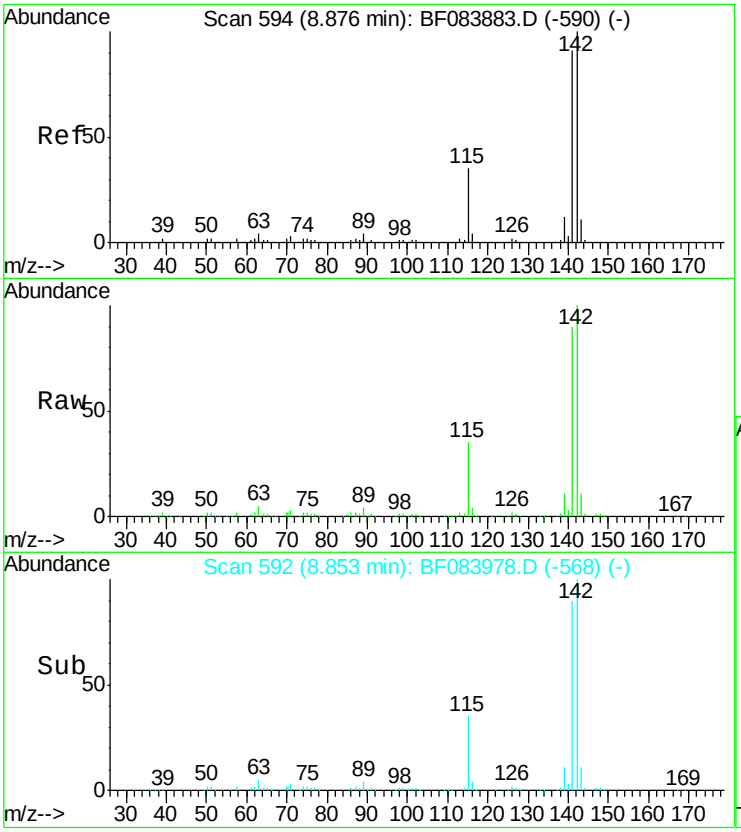


#36
4-Chloro-3-methylphenol
Concen: 48.38 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:107 Resp: 228612

Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.7	29.5
142	74.0	61.8	92.6

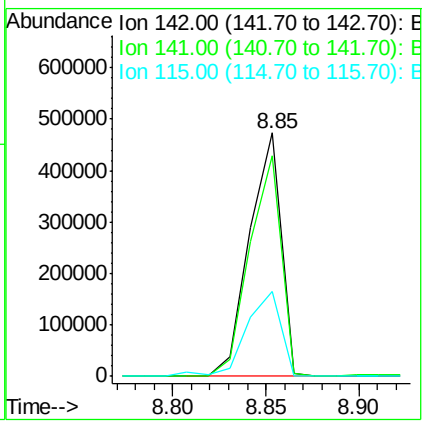




#37
2-Methylnaphthalene
Concen: 55.58 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:142 Resp: 553211

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6
115	34.6	27.9	41.9



Instrument :
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ClientSampleId :
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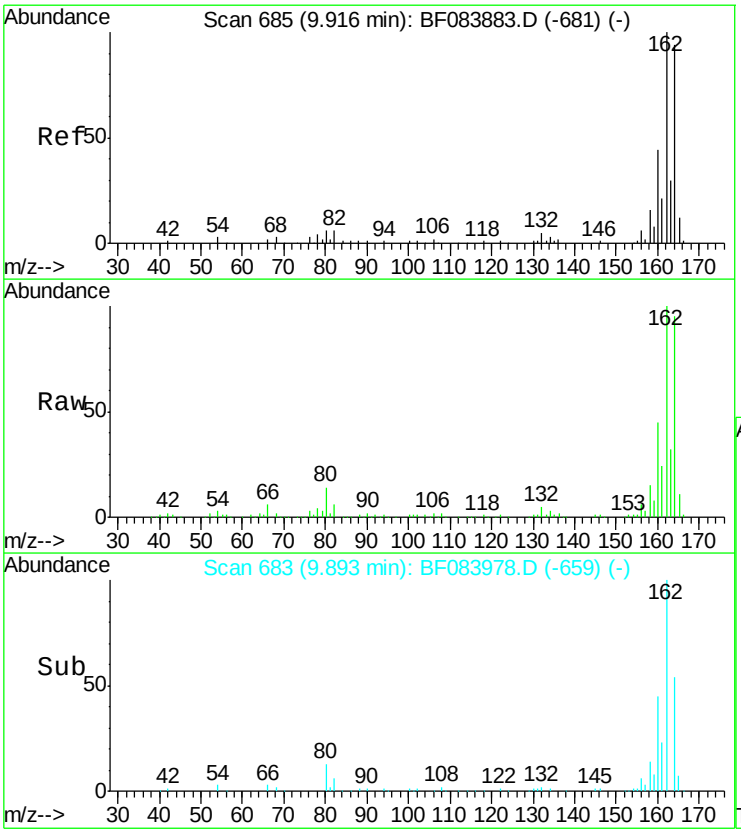
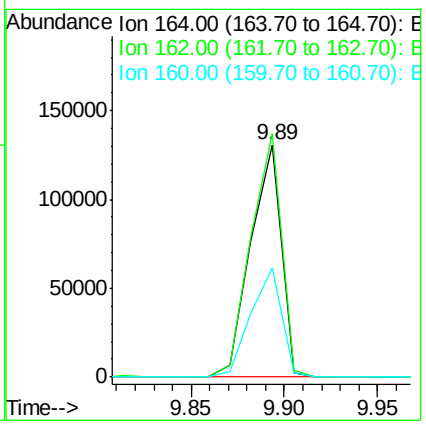
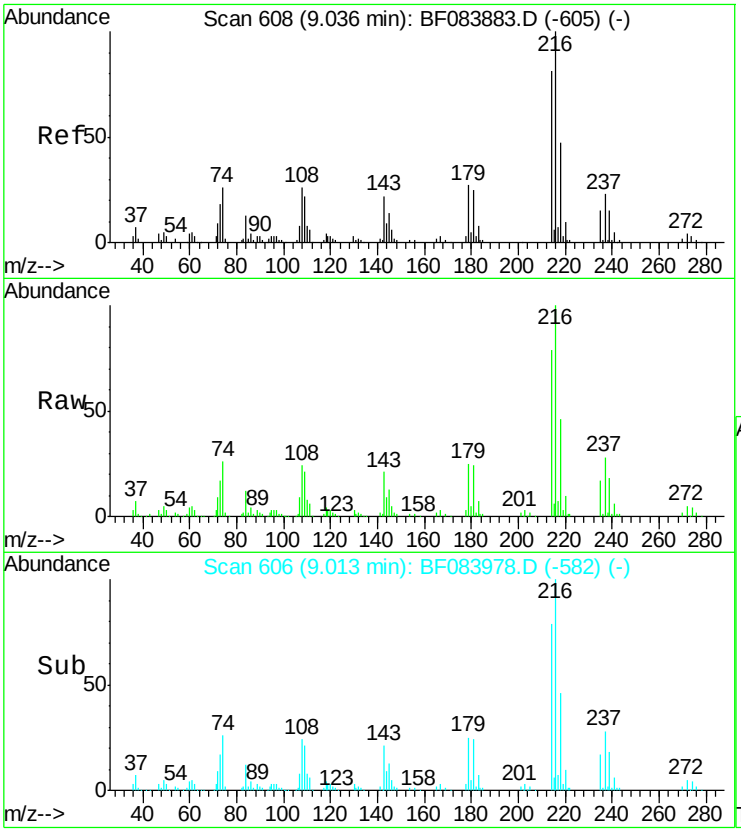


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:164 Resp: 147880

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	47.1	37.5	56.3

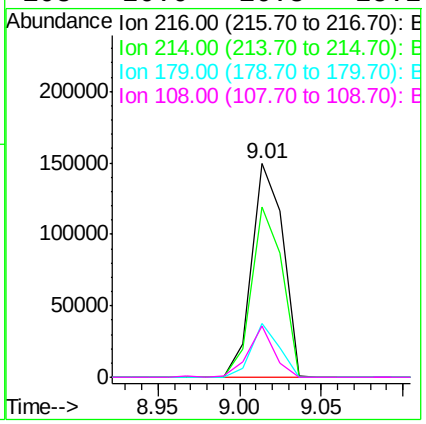




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.77 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:216 Resp: 199441

Ion	Ratio	Lower	Upper
216	100		
214	77.5	64.2	96.2
179	22.1	18.7	28.1
108	20.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
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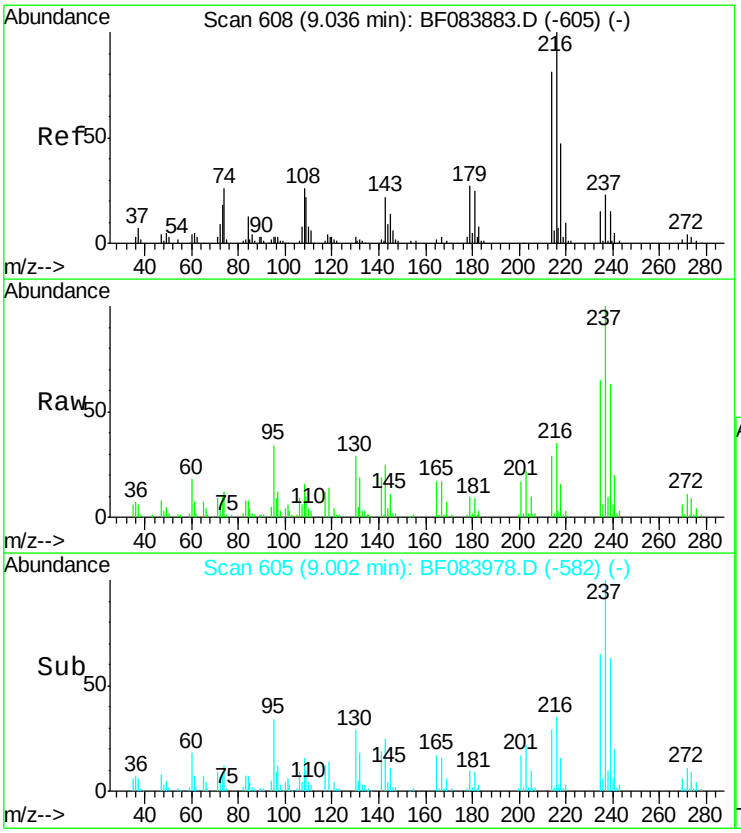
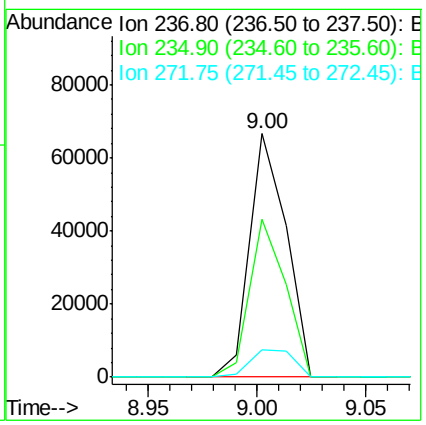
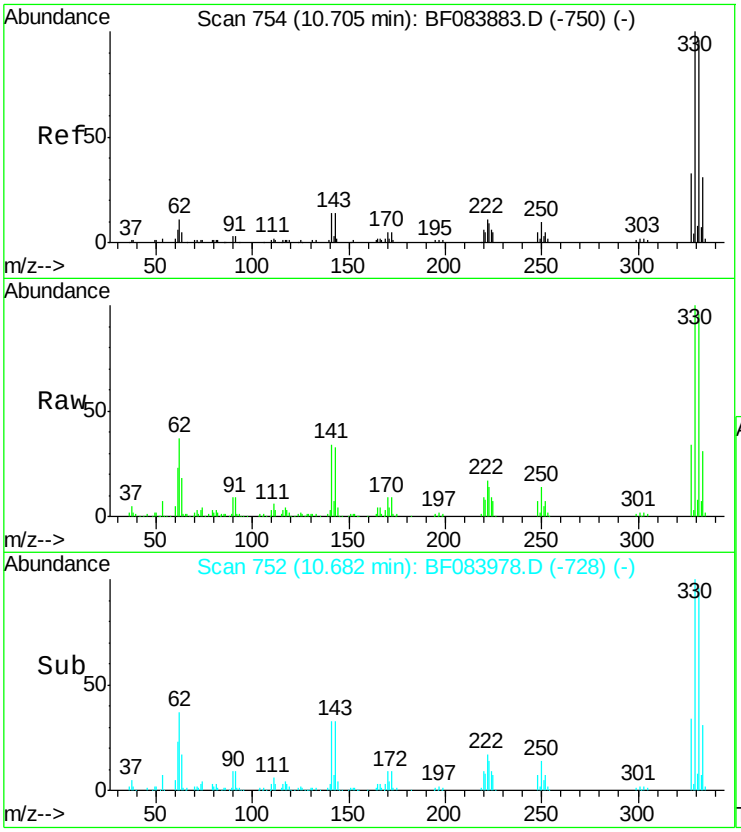


#40
Hexachlorocyclopentadiene
Concen: 57.11 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:237 Resp: 78418

Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.1	83.1
272	11.5	0.0	35.1





#41
2,4,6-Tribromophenol
Concen: 125.26 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:330 Resp: 204059

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	40.3	27.8	41.6

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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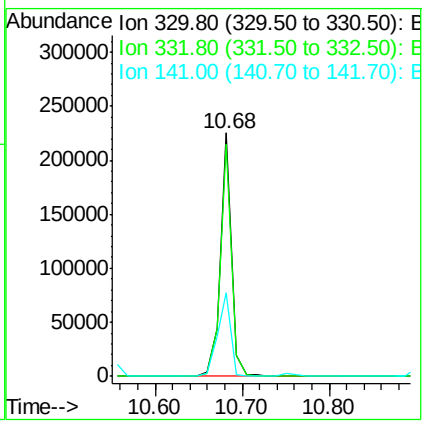
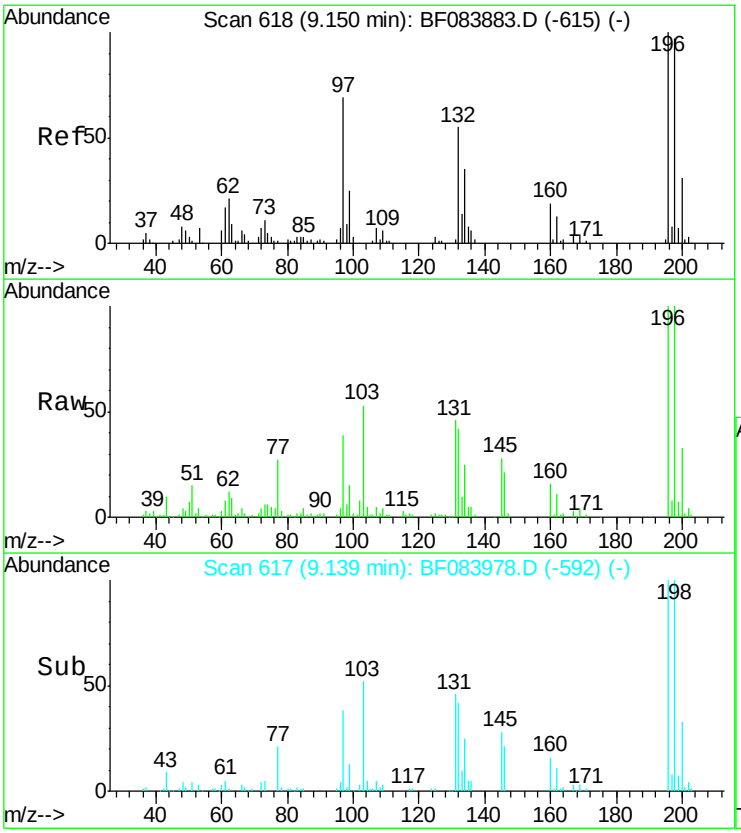
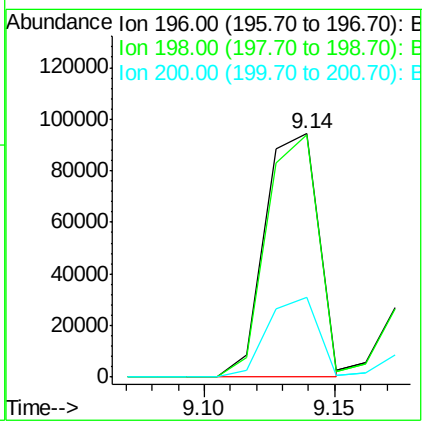


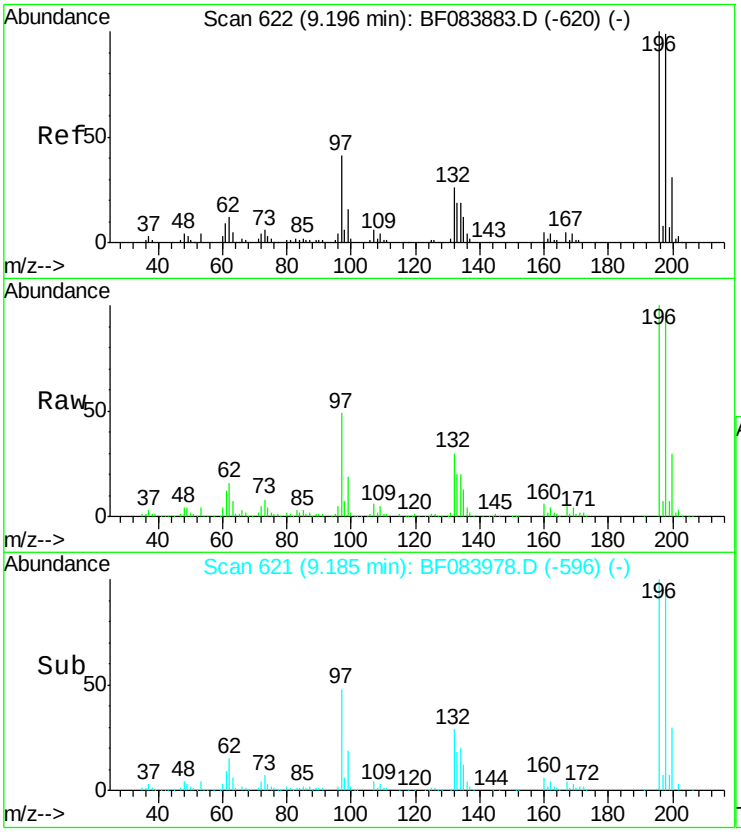


#42
2,4,6-Trichlorophenol
Concen: 43.20 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:196 Resp: 133010

Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.7	116.5
200	32.6	24.6	37.0

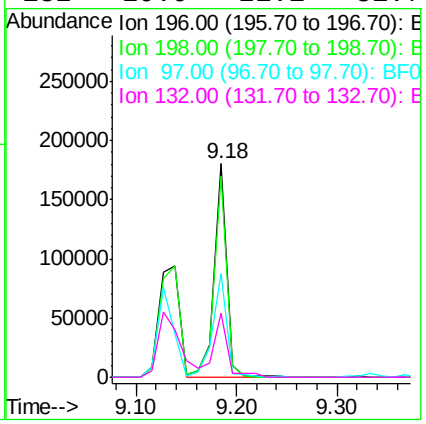




#43
2,4,5-Trichlorophenol
Concen: 51.21 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:196 Resp: 156022

Ion	Ratio	Lower	Upper
196	100		
198	94.2	79.0	118.6
97	48.8	33.0	49.6
132	29.9	21.1	31.7



Instrument :
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ClientSampleId :
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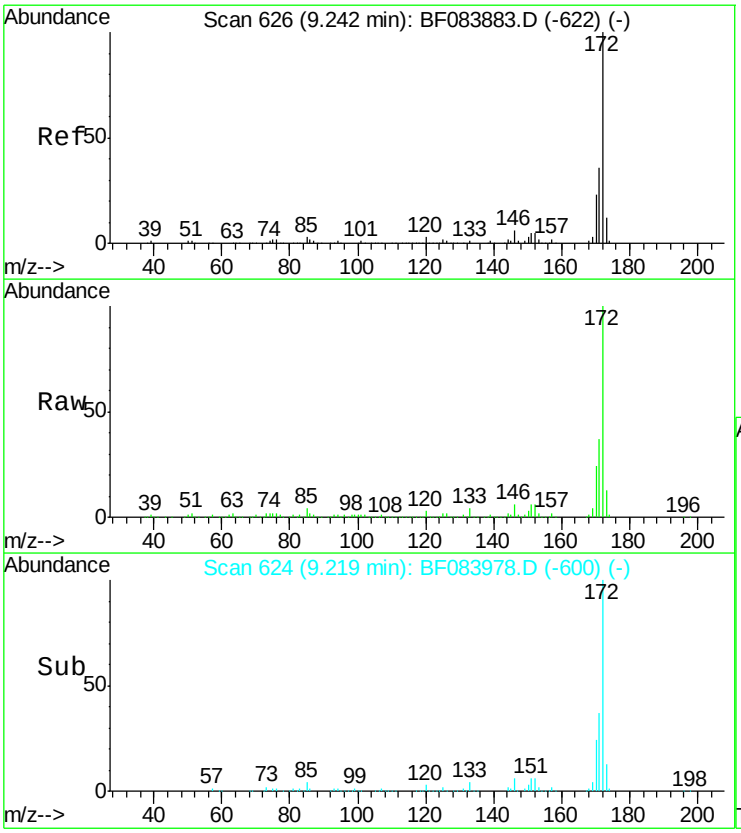
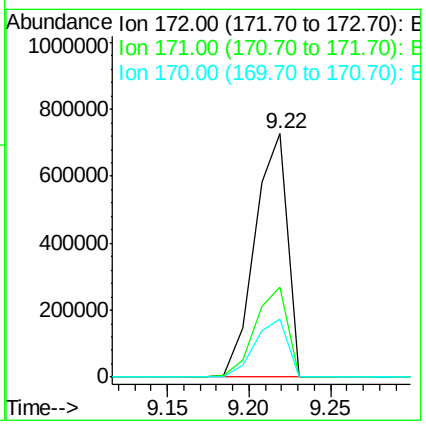
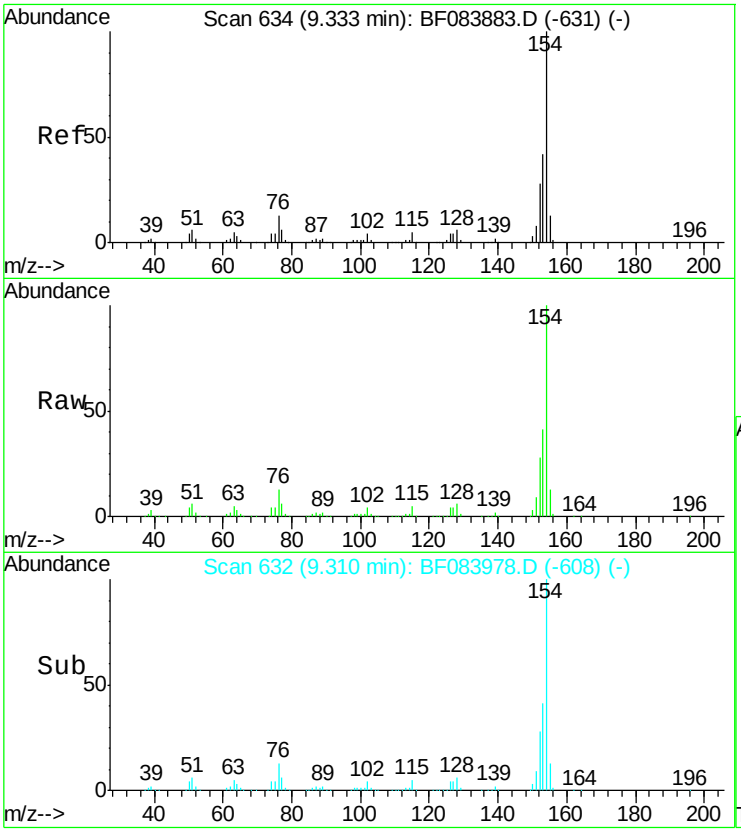


#44
2-Fluorobiphenyl
Concen: 97.43 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:172 Resp: 1002573

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.1	18.6	27.8

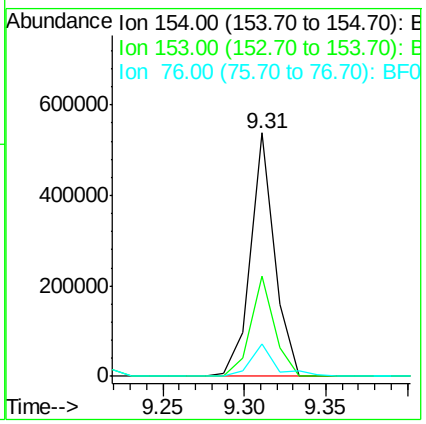




#45
1,1'-Biphenyl
Concen: 44.20 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:154 Resp: 548963

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.6	61.6
76	13.1	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
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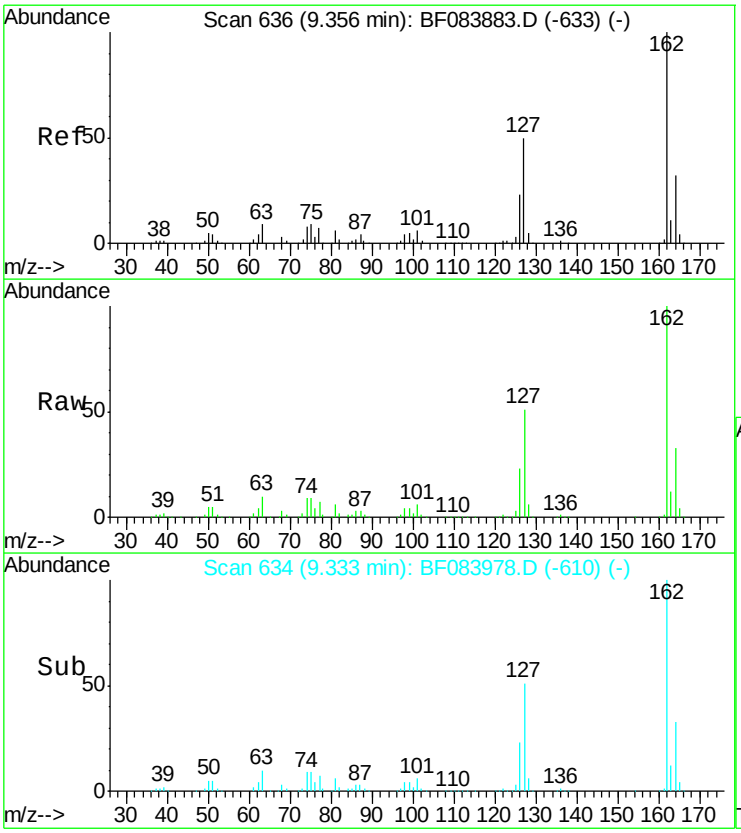
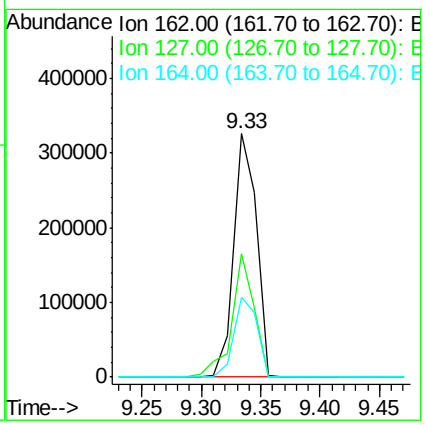
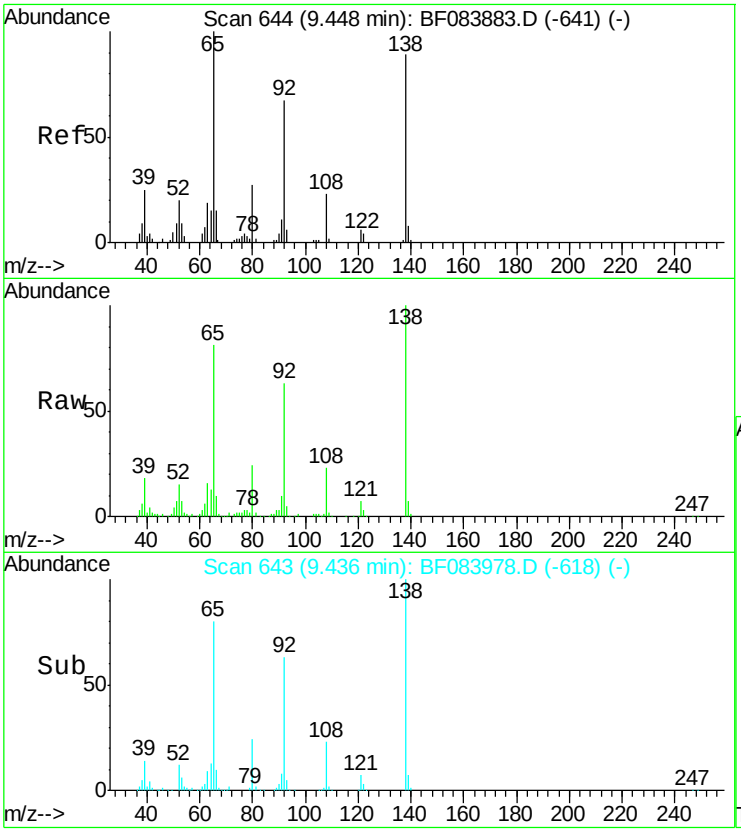


#46
2-Chloronaphthalene
Concen: 44.67 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:162 Resp: 434153

Ion	Ratio	Lower	Upper
162	100		
127	50.6	40.2	60.4
164	32.5	25.7	38.5

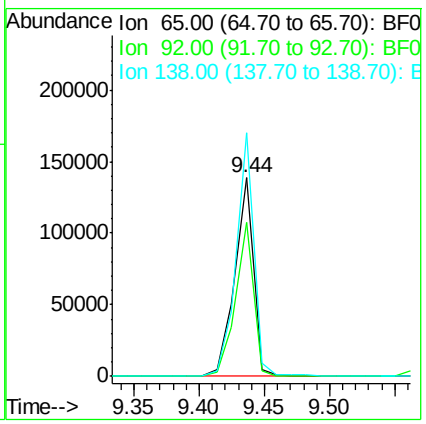




#47
2-Nitroaniline
Concen: 46.80 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 65 Resp: 136866

Ion	Ratio	Lower	Upper
65	100		
92	77.6	53.4	80.2
138	122.8	71.1	106.7#



Instrument :
BNA_F
ClientSampleId :
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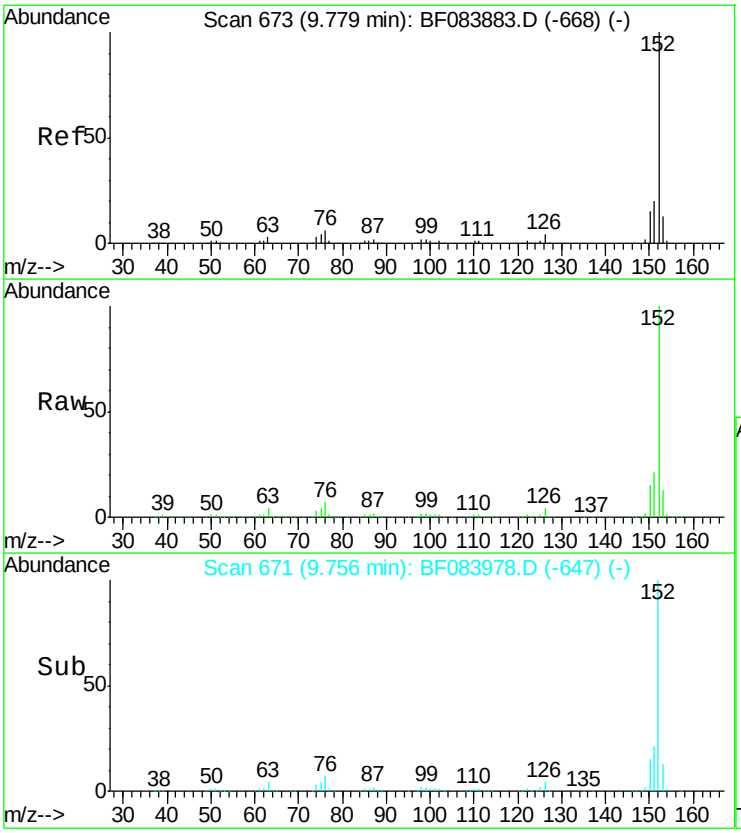
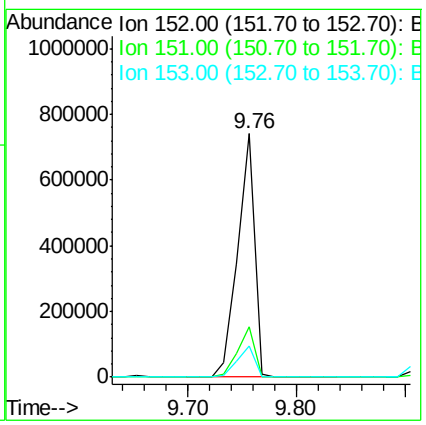
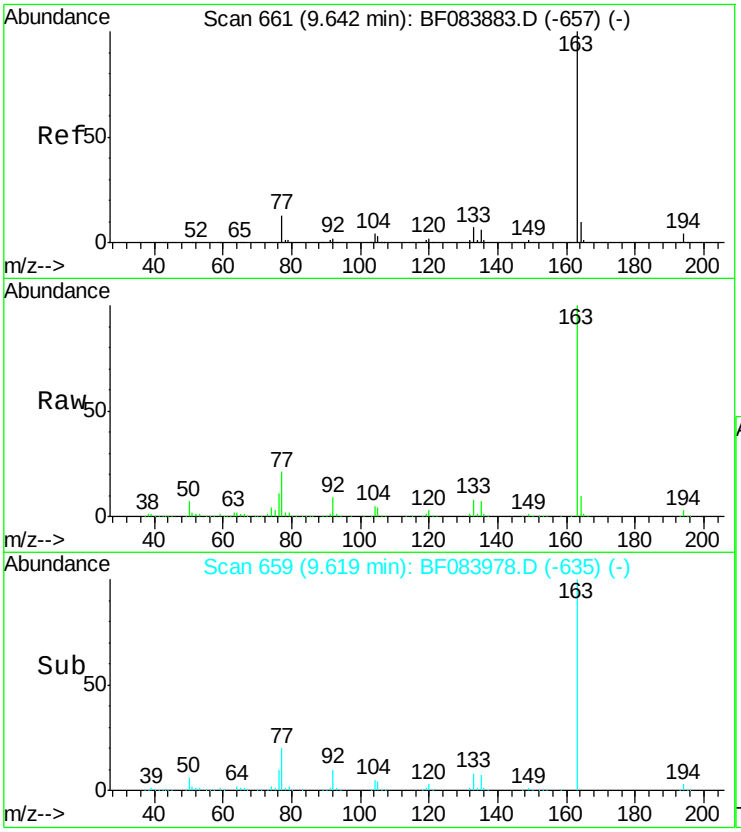


#48
Acenaphthylene
Concen: 45.43 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:152 Resp: 783278

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.0	10.4	15.6

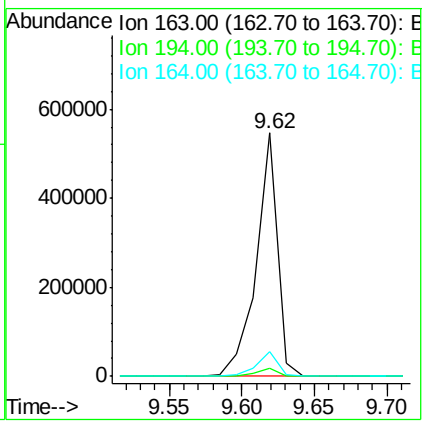




#49
Dimethylphthalate
Concen: 44.82 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:163 Resp: 556129

Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.4	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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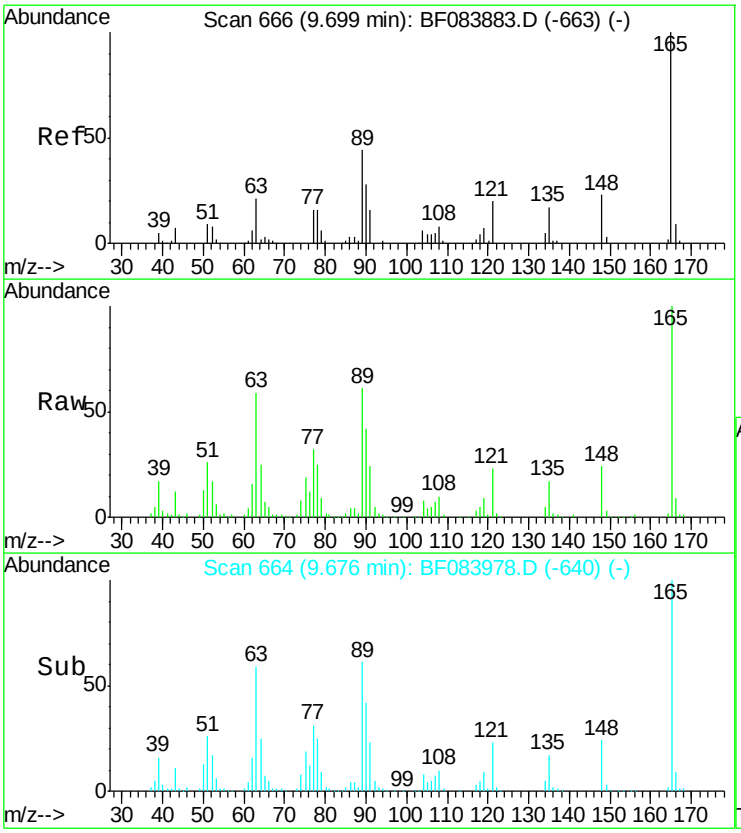
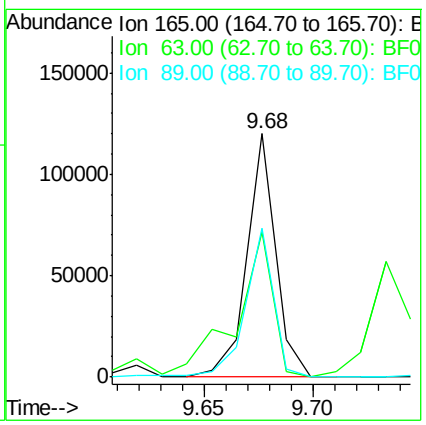
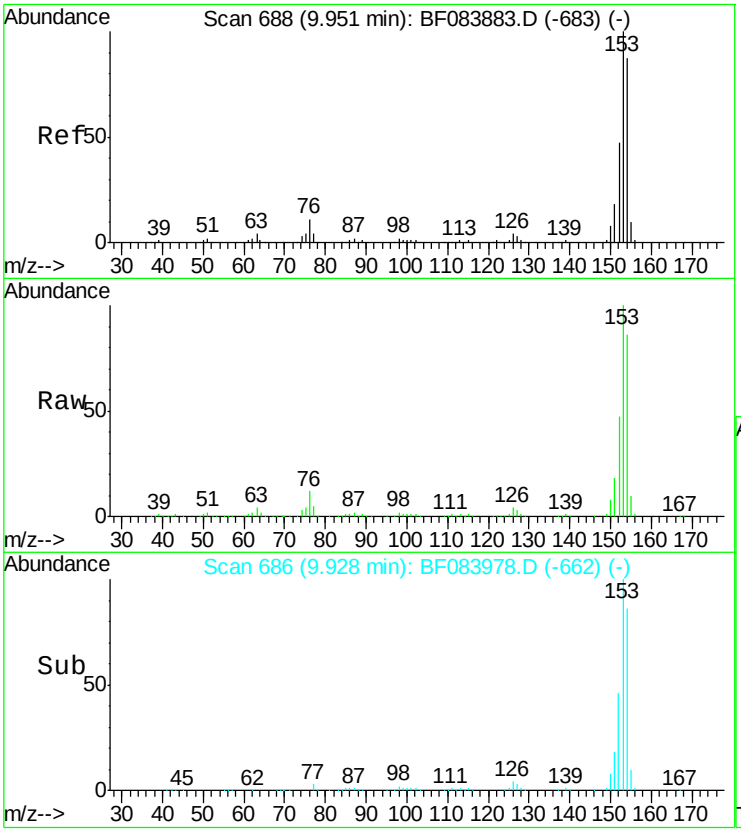


#50
2,6-Dinitrotoluene
Concen: 40.57 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:165 Resp: 109826

Ion	Ratio	Lower	Upper
165	100		
63	59.5	28.8	43.2#
89	61.2	35.1	52.7#

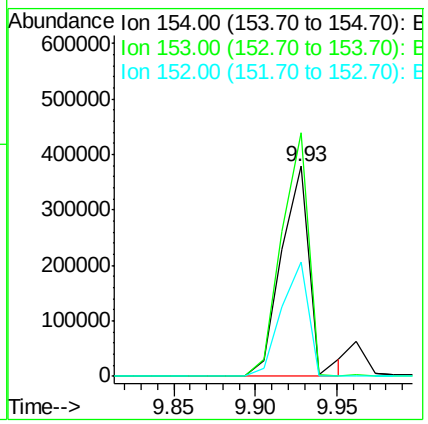




#51
Acenaphthene
Concen: 43.52 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:154 Resp: 461319

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.5	137.3
152	54.6	43.0	64.6



Instrument :
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ClientSampleId :
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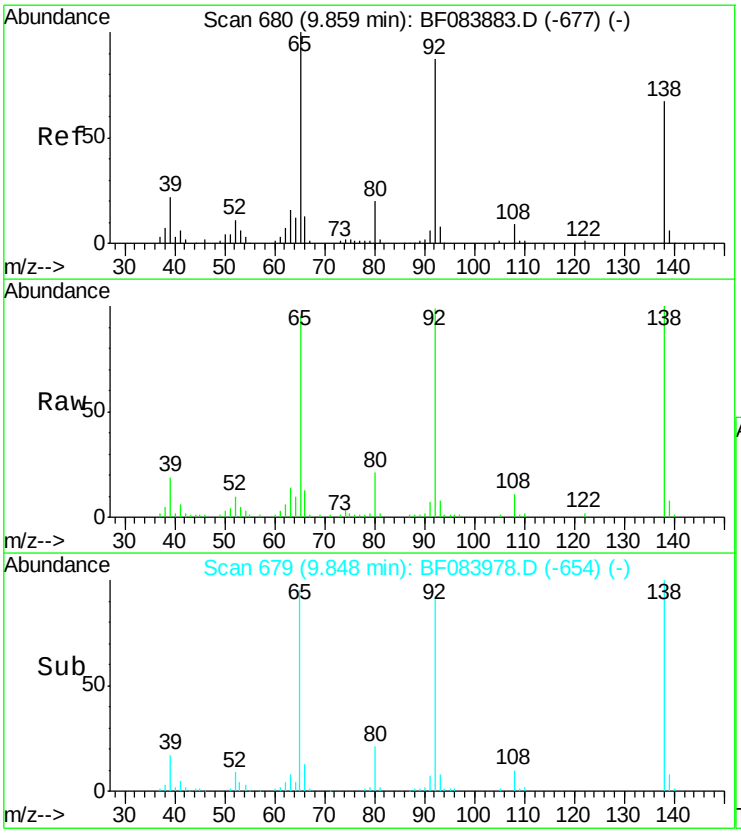
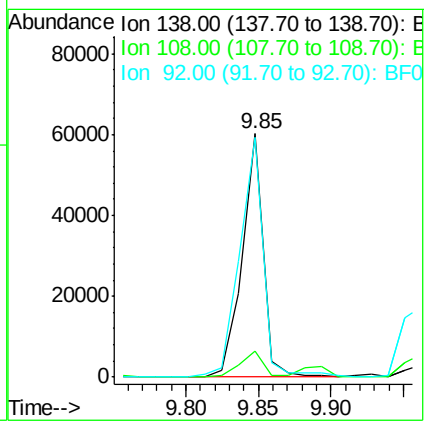
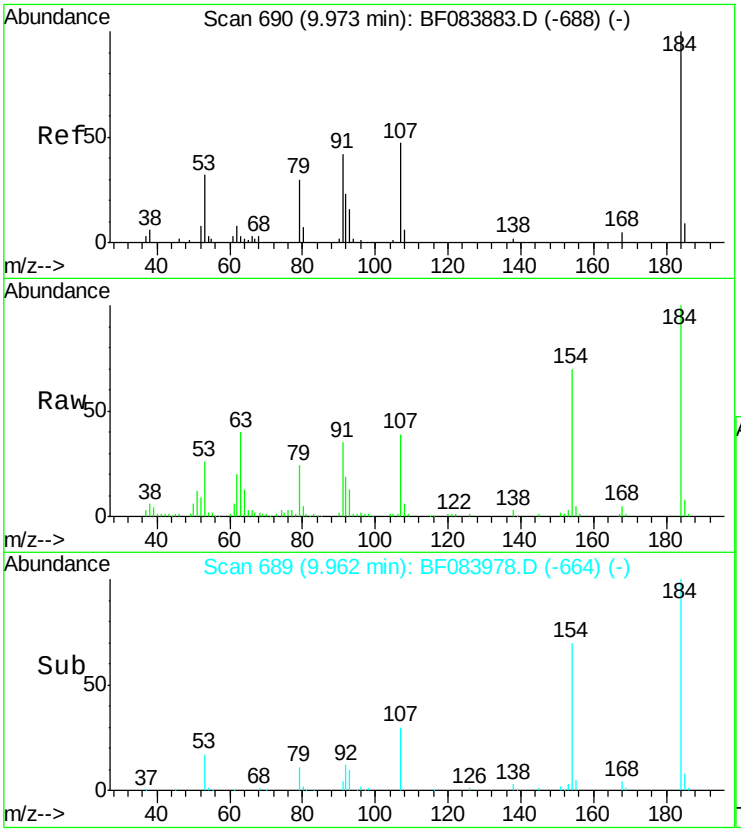


#52
3-Nitroaniline
Concen: 21.21 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:138 Resp: 60527

Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.5	15.7
92	98.6	103.9	155.9#

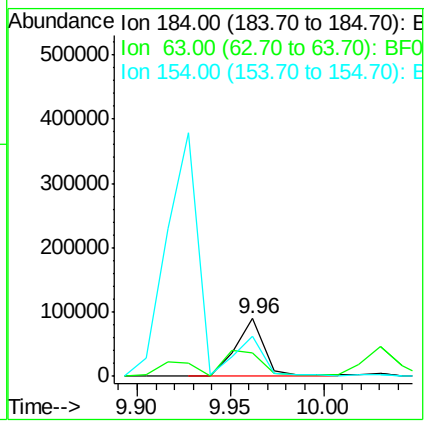




#53
2,4-Dinitrophenol
Concen: 97.02 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:184 Resp: 96735

Ion	Ratio	Lower	Upper
184	100		
63	39.9	43.1	64.7#
154	70.0	60.5	90.7



Instrument :
BNA_F
ClientSampleId :
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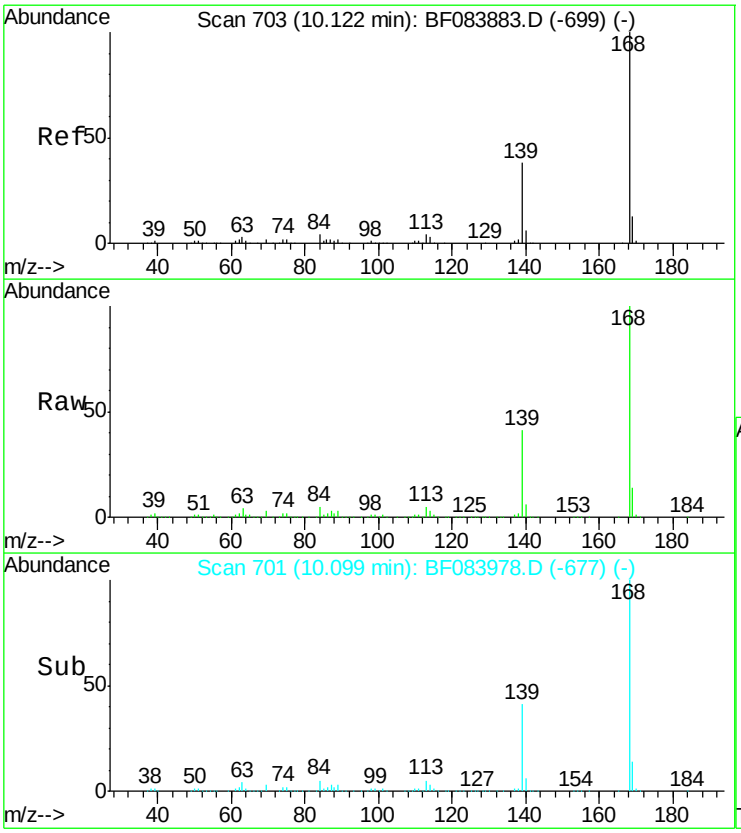
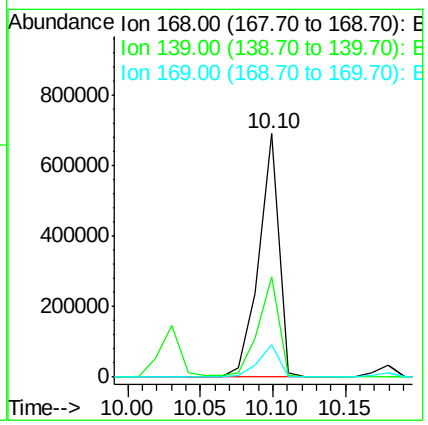
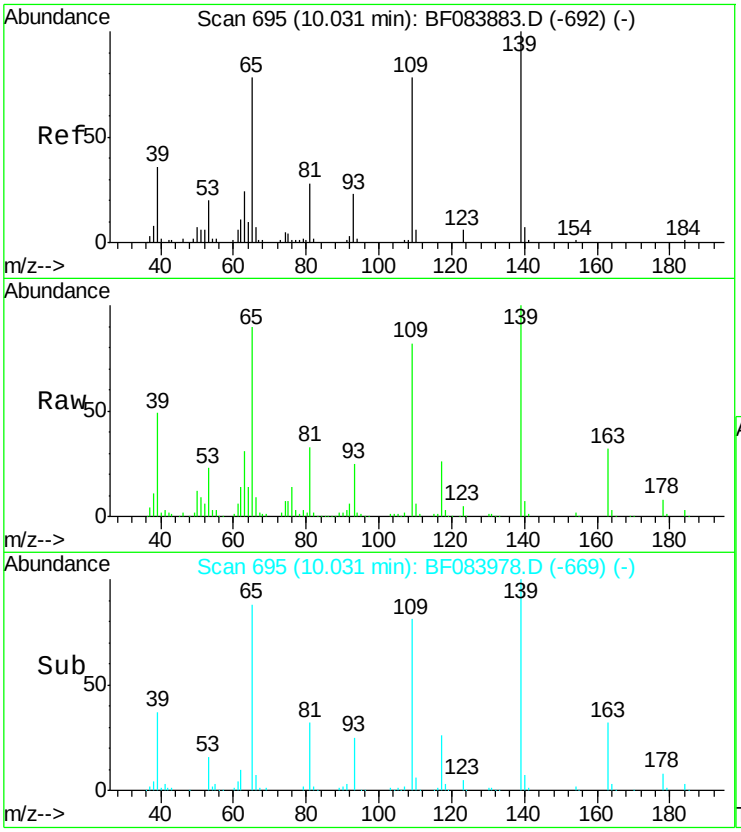


#54
Dibenzofuran
Concen: 48.21 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:168 Resp: 663743

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.5	45.7
169	13.6	10.4	15.6

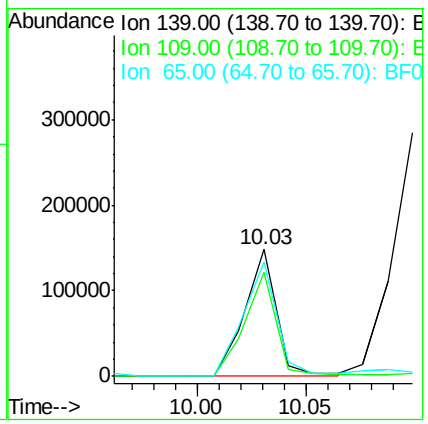




#55
4-Nitrophenol
Concen: 84.76 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:139 Resp: 150979

Ion	Ratio	Lower	Upper
139	100		
109	81.7	58.5	98.5
65	90.4	57.6	97.6



Instrument :
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ClientSampleId :
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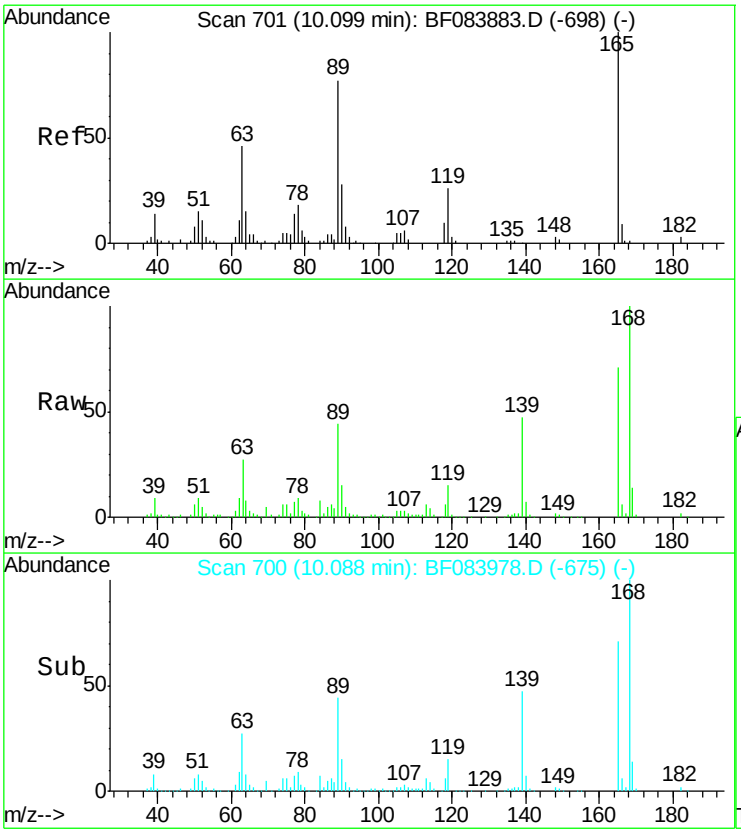
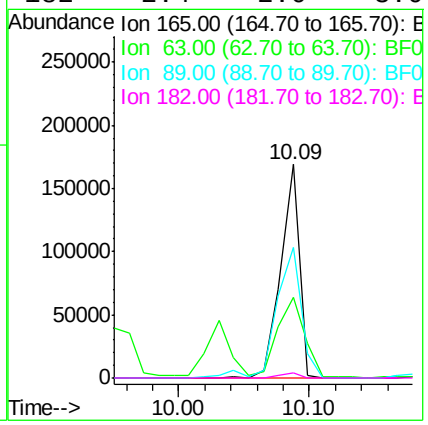
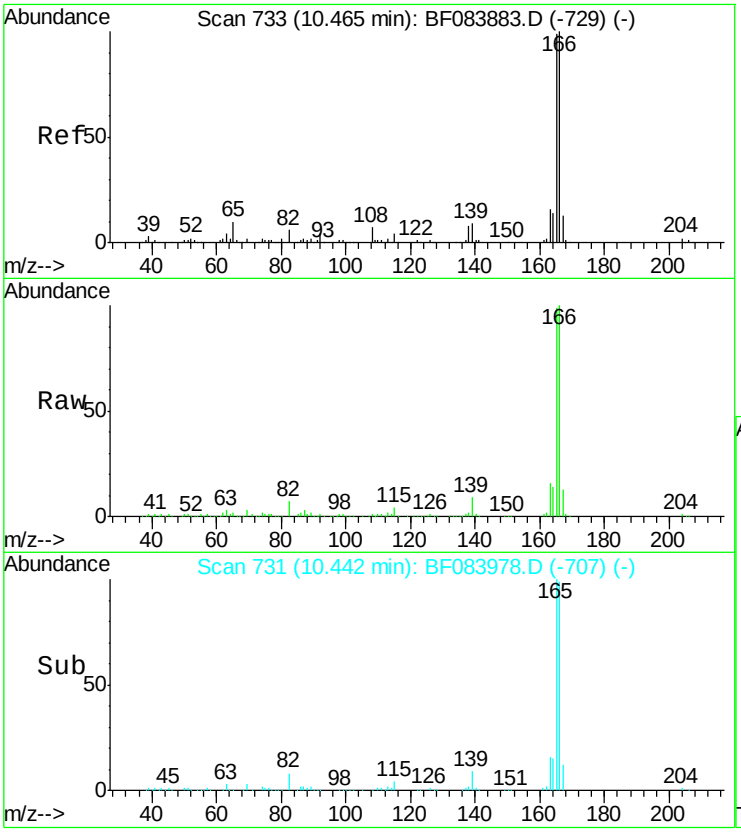


#56
2,4-Dinitrotoluene
Concen: 49.27 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:165 Resp: 170960

Ion	Ratio	Lower	Upper
165	100		
63	37.7	36.7	55.1
89	61.1	61.9	92.9#
182	2.4	2.0	3.0

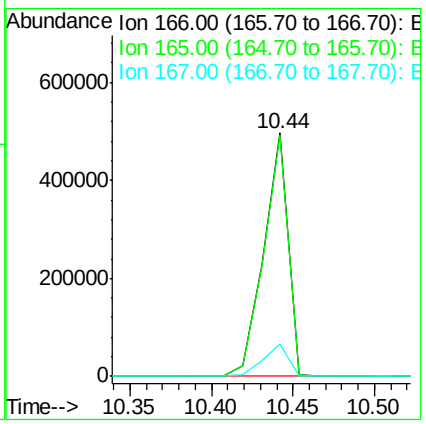




#57
Fluorene
Concen: 49.73 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:166 Resp: 517424

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.1	10.4	15.6



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ClientSampleId :
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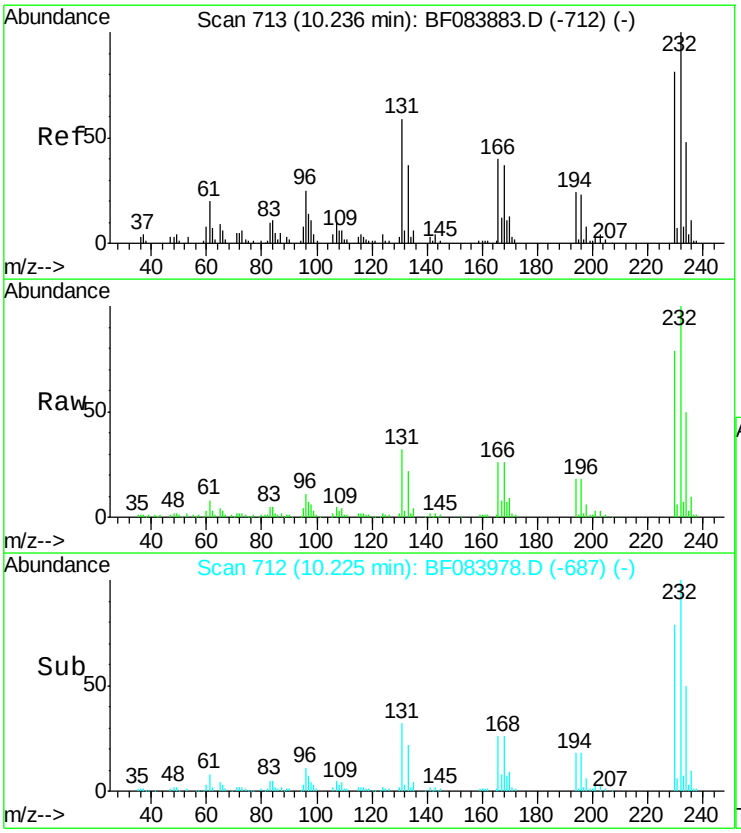
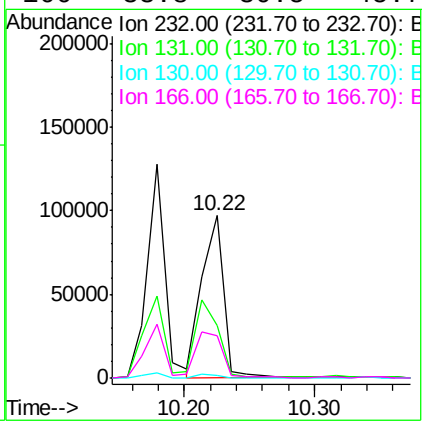
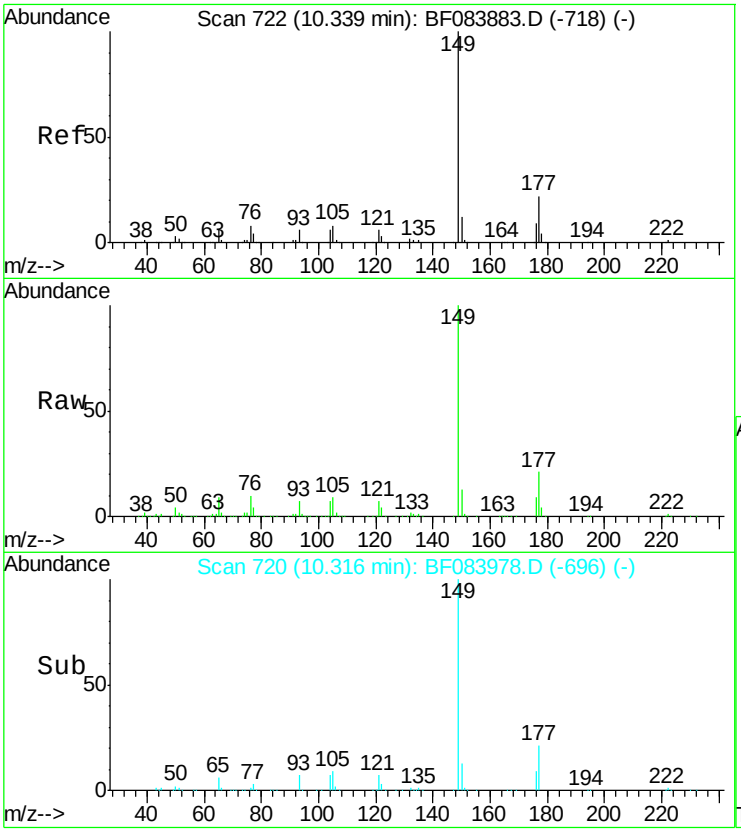


#58
2,3,4,6-Tetrachlorophenol
Concen: 50.27 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:232 Resp: 113317

Ion	Ratio	Lower	Upper
232	100		
131	52.3	47.0	70.6
130	2.7	2.0	3.0
166	33.8	30.5	45.7

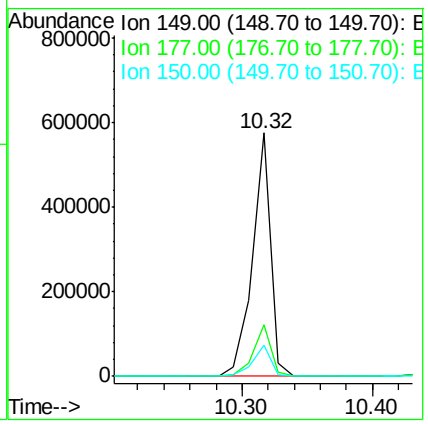




#59
Diethylphthalate
Concen: 43.29 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:149 Resp: 555348

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.3	25.9
150	13.0	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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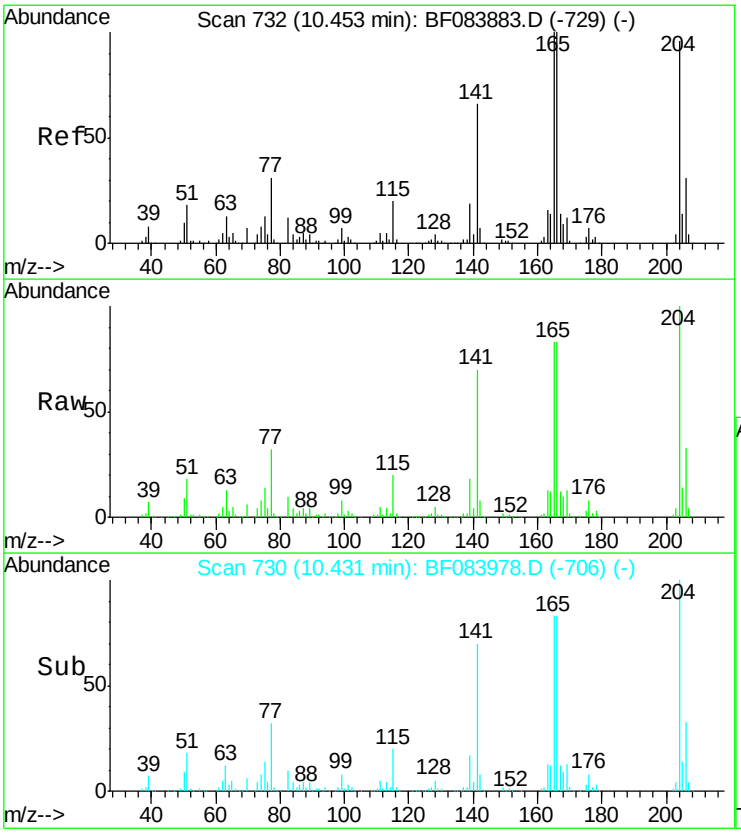
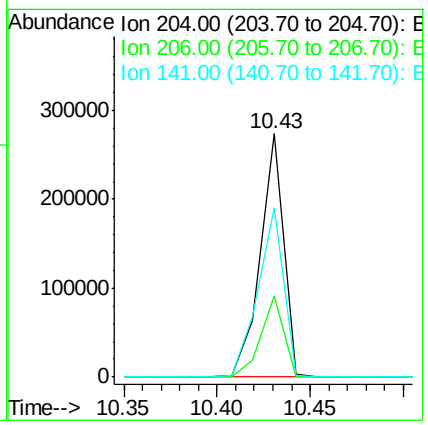
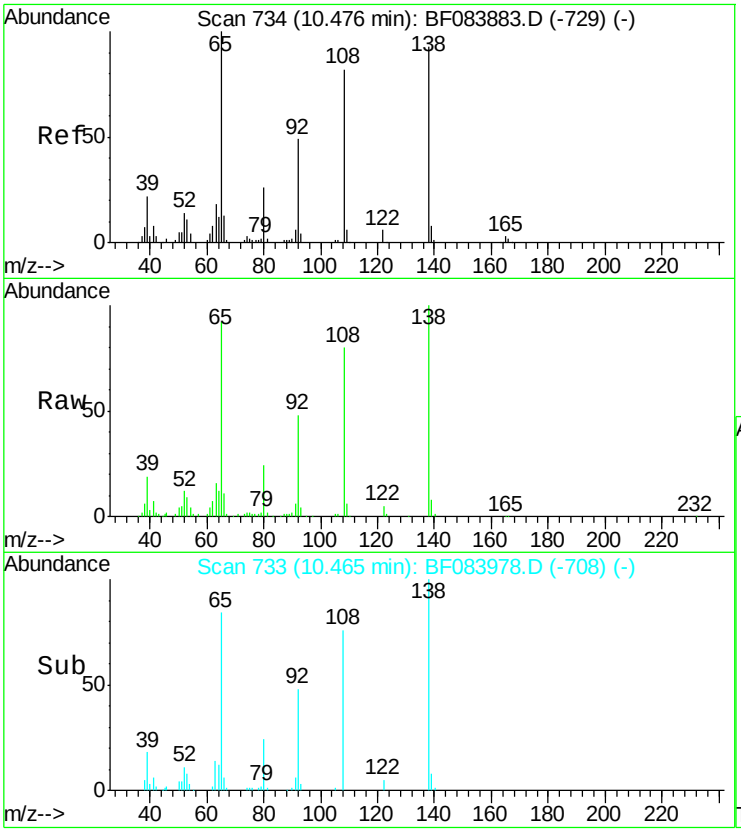


#60
4-Chlorophenyl-phenylether
Concen: 44.70 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:204 Resp: 235860

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	69.5	55.1	82.7

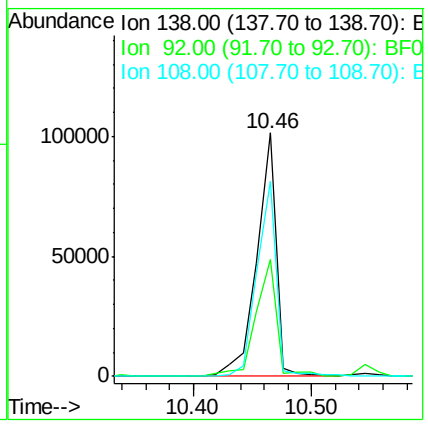




#61
4-Nitroaniline
Concen: 39.67 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:138 Resp: 117119

Ion	Ratio	Lower	Upper
138	100		
92	48.0	32.6	72.6
108	80.1	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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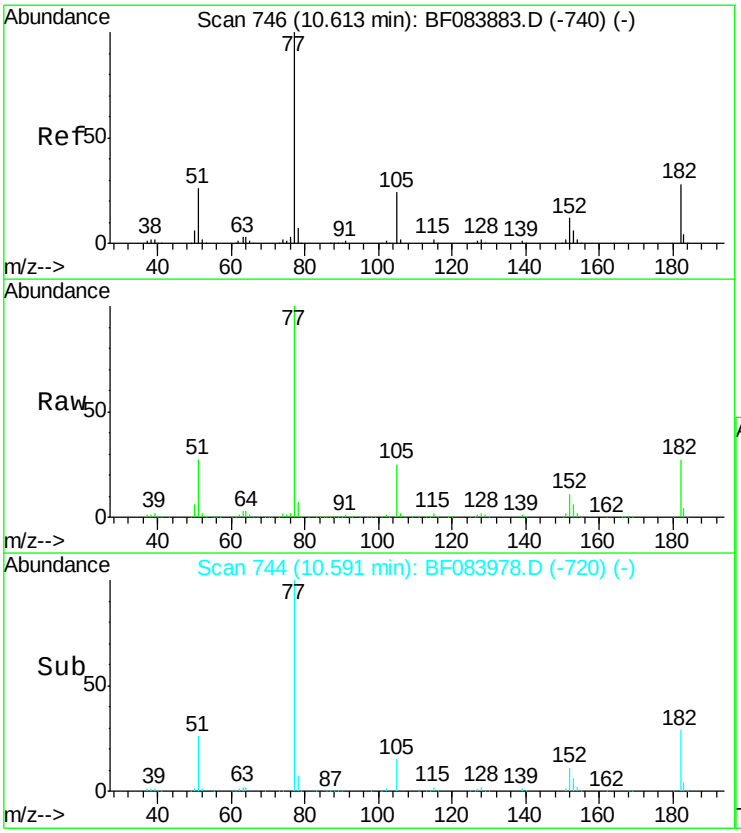
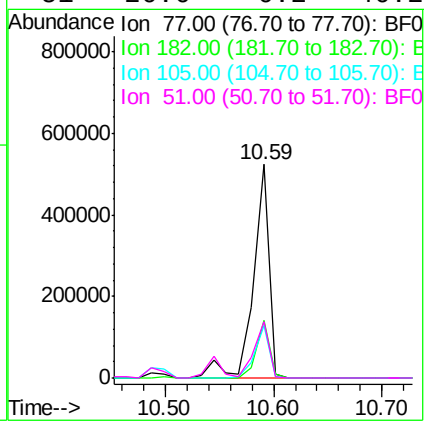
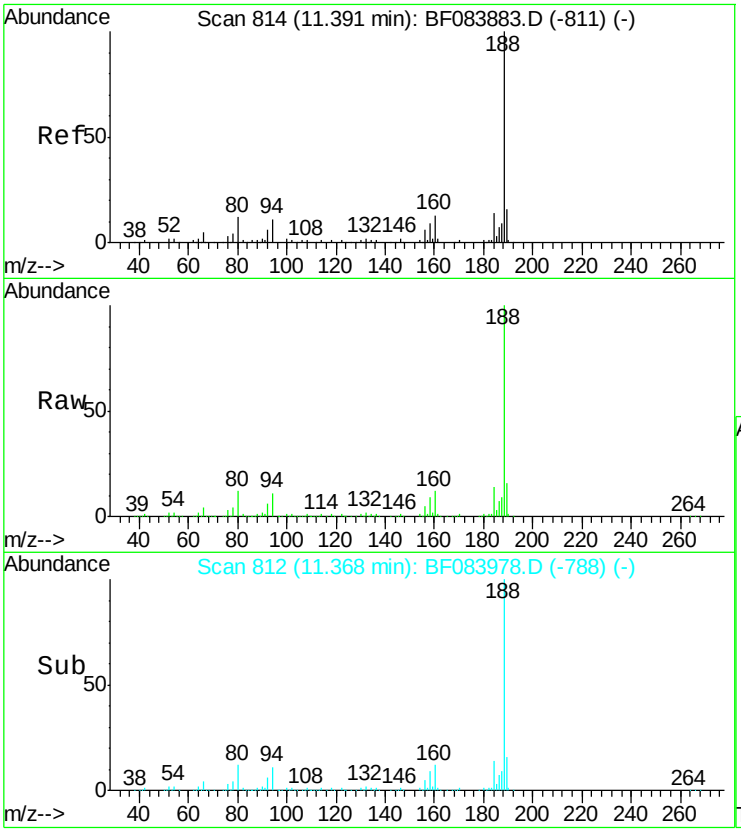


#62
Azobenzene
Concen: 49.88 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion: 77 Resp: 536366

Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.3	48.3
105	24.7	4.6	44.6
51	26.6	6.2	46.2

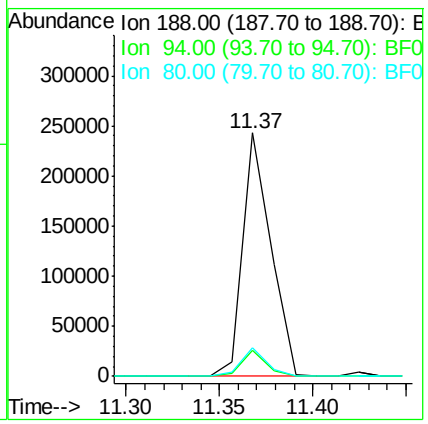




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:188 Resp: 254541

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.5	9.6	14.4



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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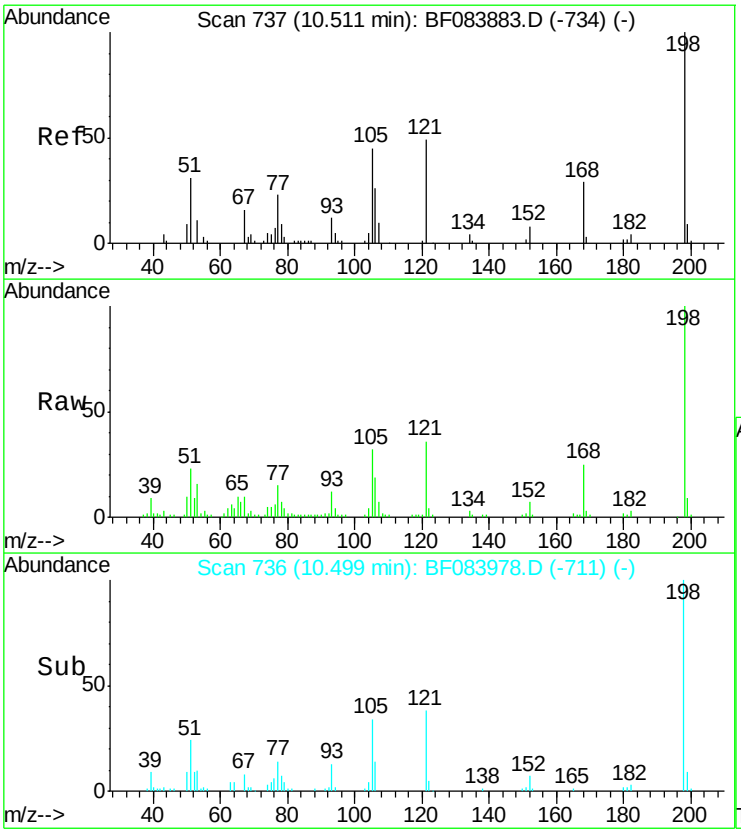
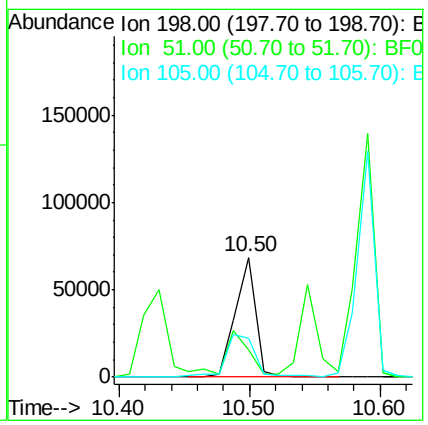
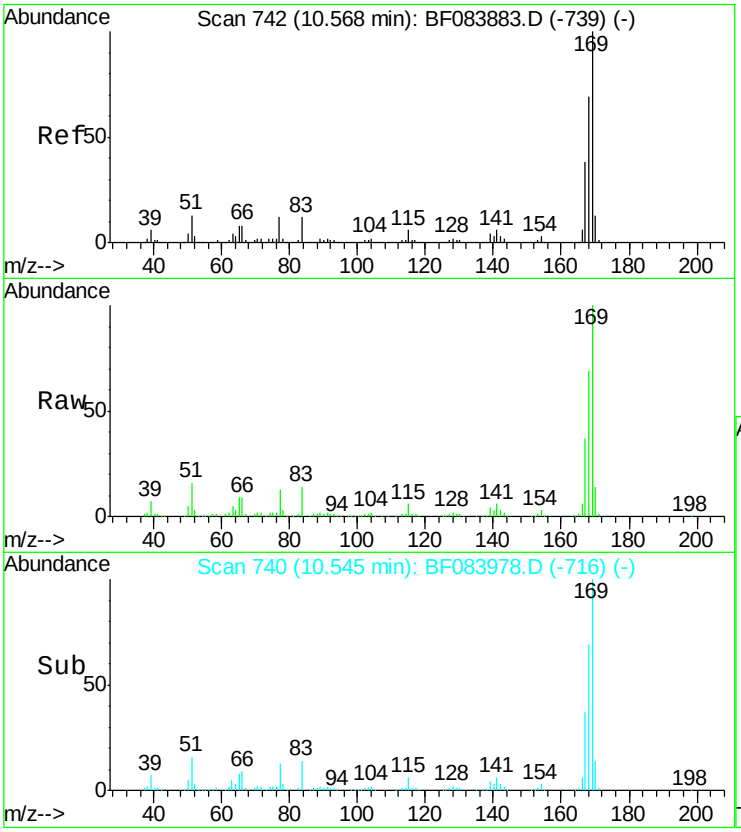


#64
4,6-Dinitro-2-methylphenol
Concen: 47.44 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:198 Resp: 74123

Ion	Ratio	Lower	Upper
198	100		
51	22.7	18.9	58.9
105	32.4	26.4	66.4

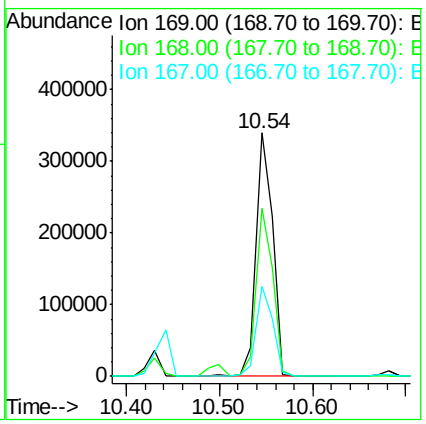




#65
n-Nitrosodiphenylamine
Concen: 45.35 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:169 Resp: 420046

Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.1	82.7
167	37.1	30.0	45.0



Instrument :
BNA_F
ClientSampleId :
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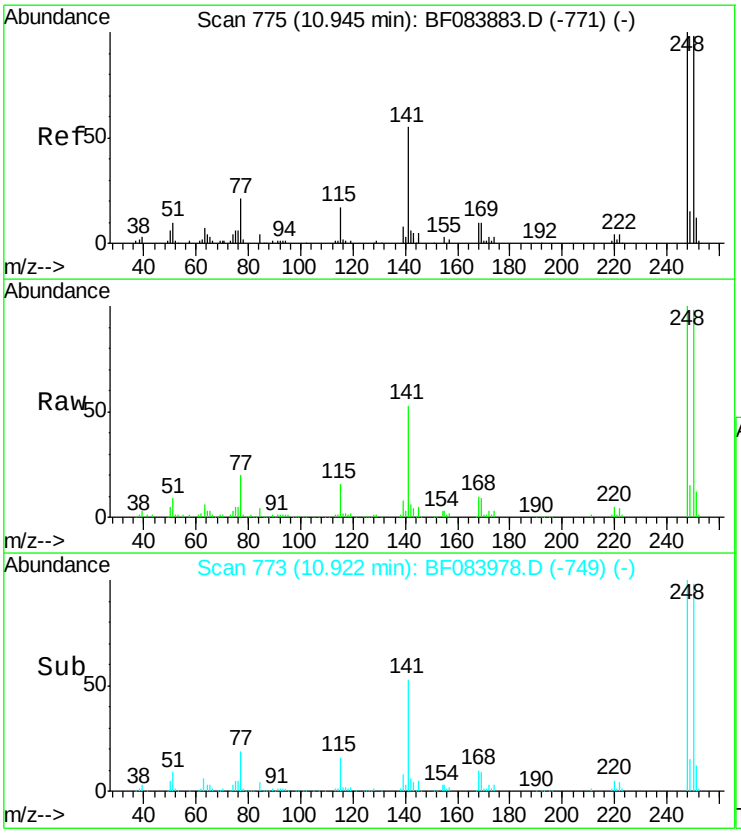
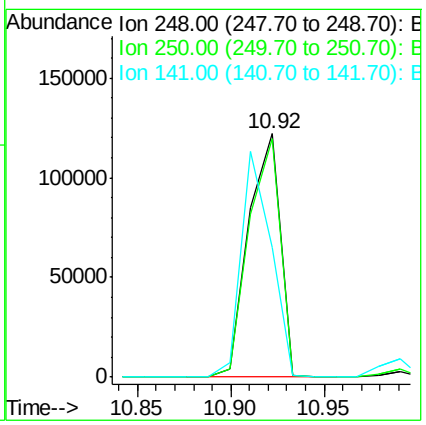
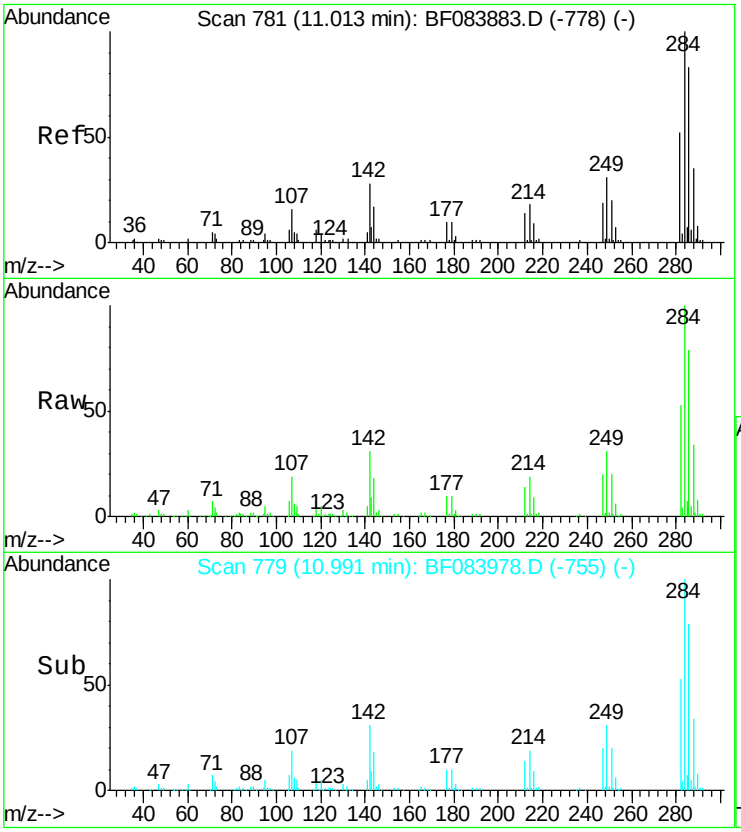


#66
4-Bromophenyl-phenylether
Concen: 46.64 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:248 Resp: 145138

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.4	117.6
141	53.4	44.0	66.0

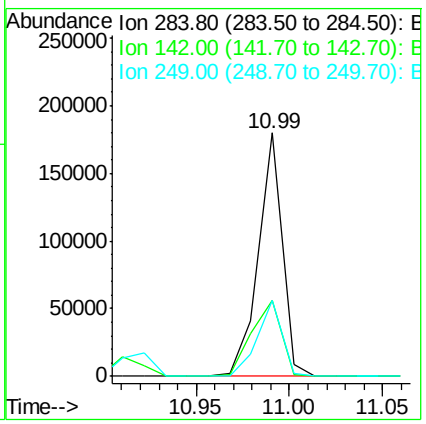




#67
Hexachlorobenzene
Concen: 48.48 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:284 Resp: 158843

Ion	Ratio	Lower	Upper
284	100		
142	31.1	22.2	33.4
249	31.4	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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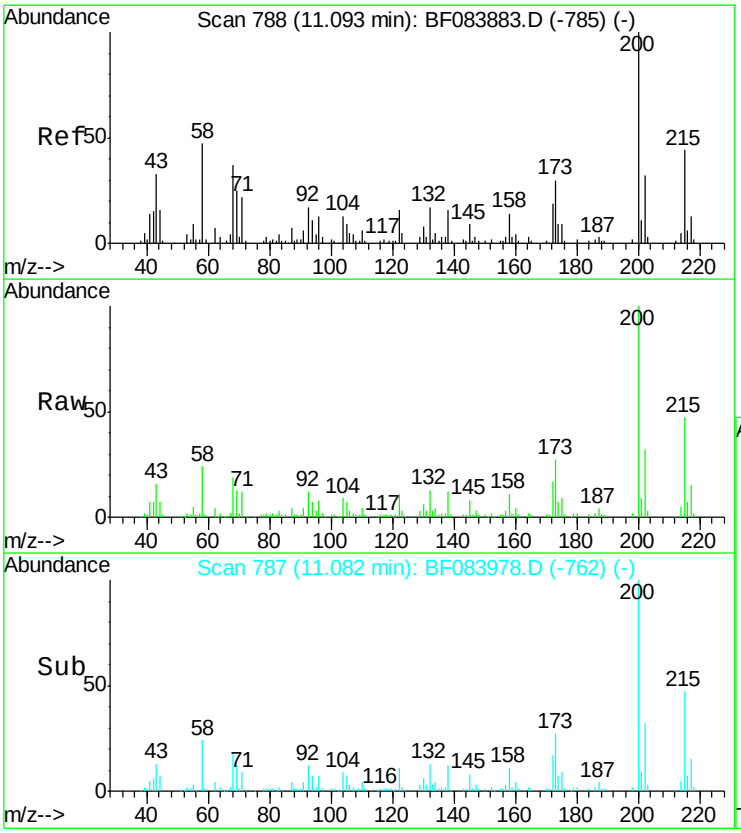
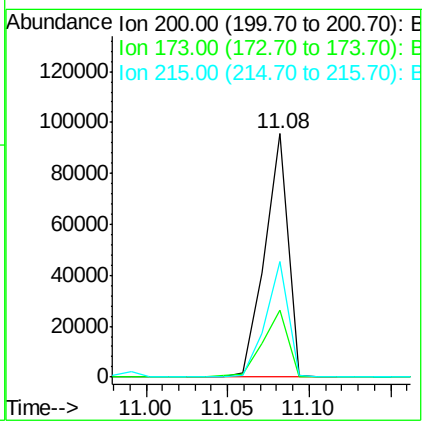
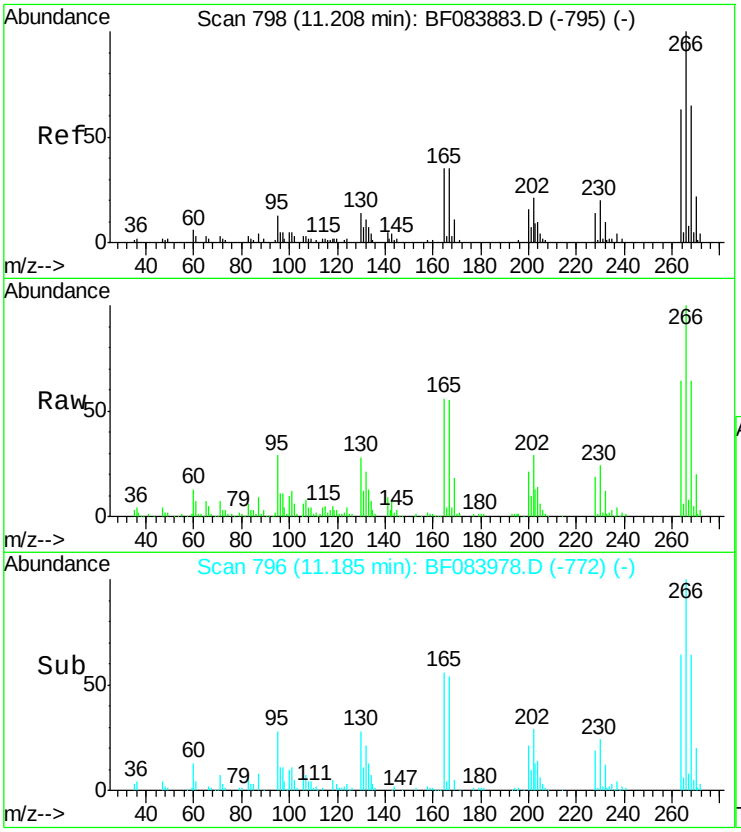


#68
Atrazine
Concen: 32.65 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:200 Resp: 95795

Ion	Ratio	Lower	Upper
200	100		
173	27.3	9.5	49.5
215	47.3	23.8	63.8

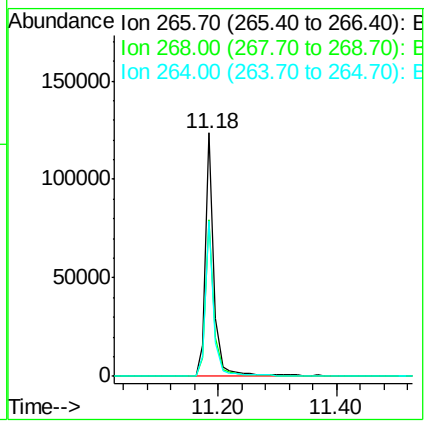




#69
Pentachlorophenol
Concen: 92.92 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:266 Resp: 130327

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.4	78.6
264	63.7	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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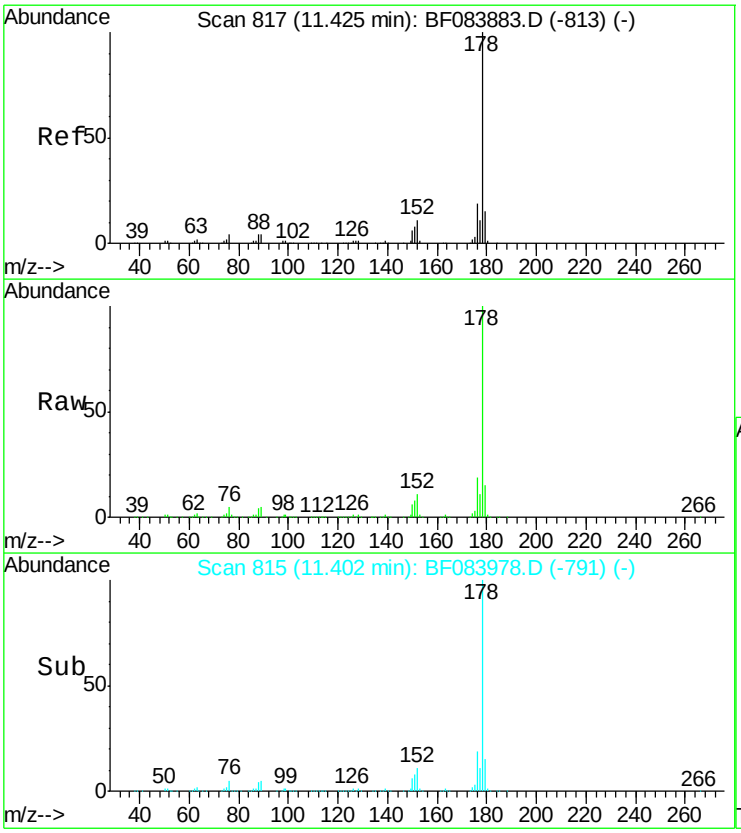
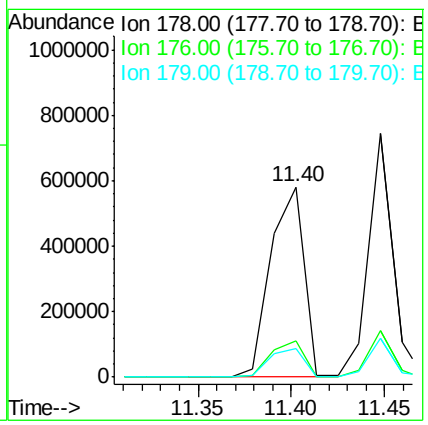
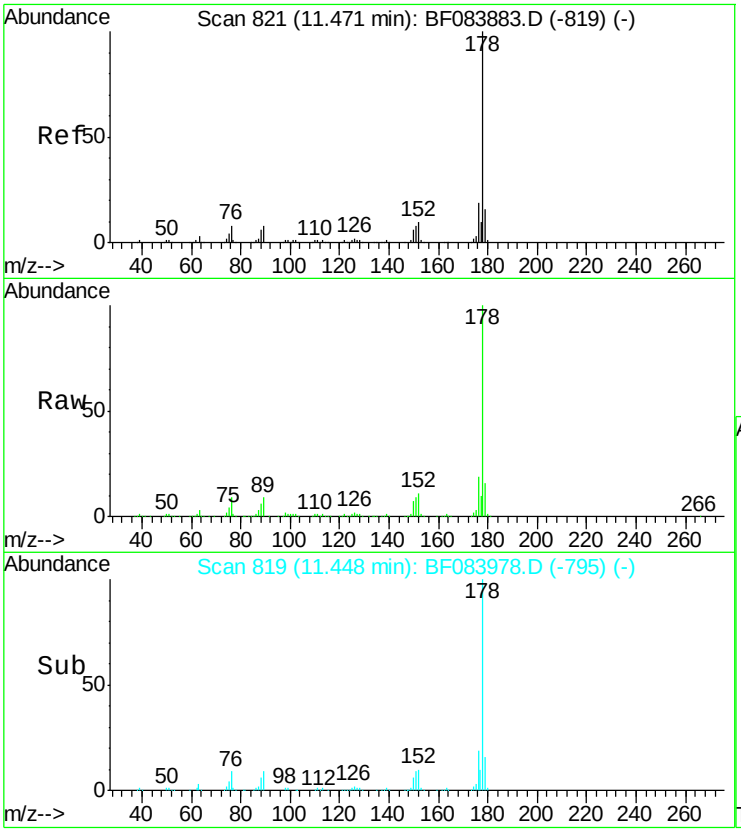


#70
Phenanthrene
Concen: 46.90 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:178 Resp: 721278

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.0	18.0

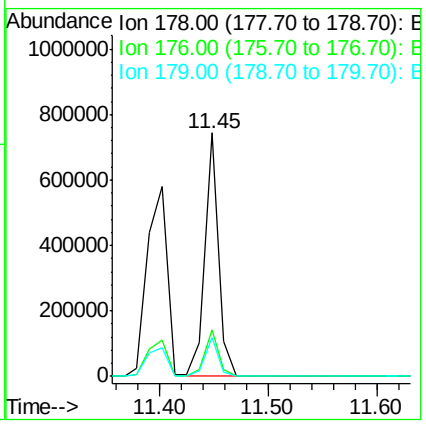




#71
Anthracene
Concen: 44.41 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:178 Resp: 660181

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.8	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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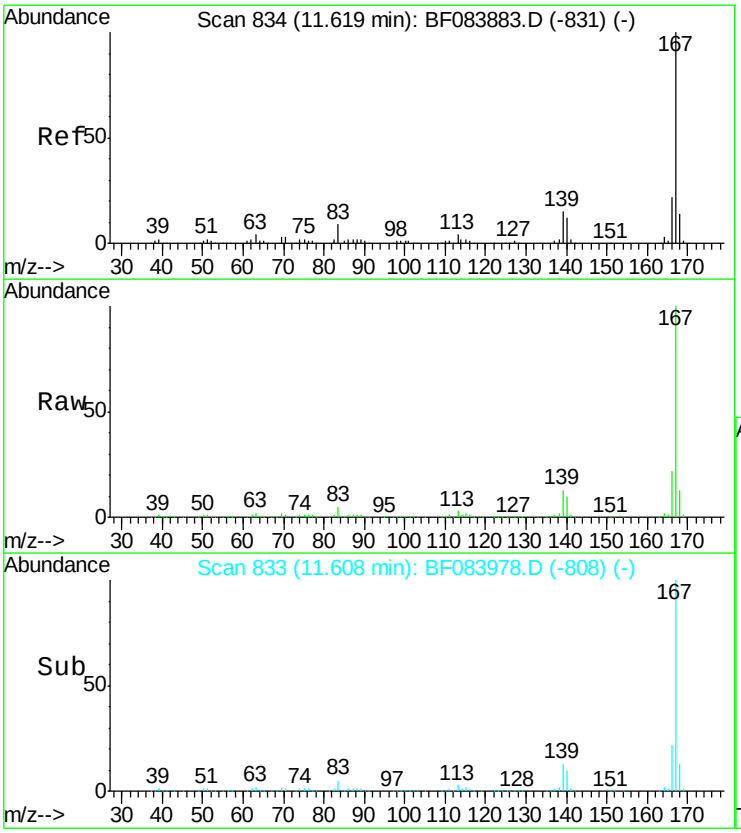
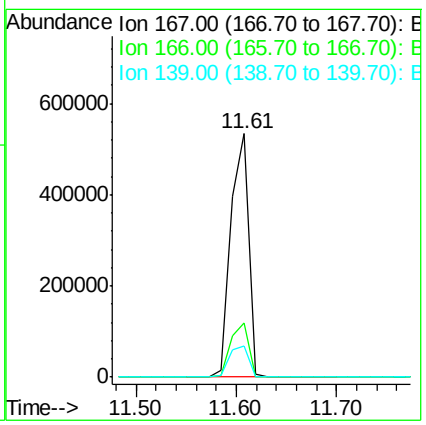
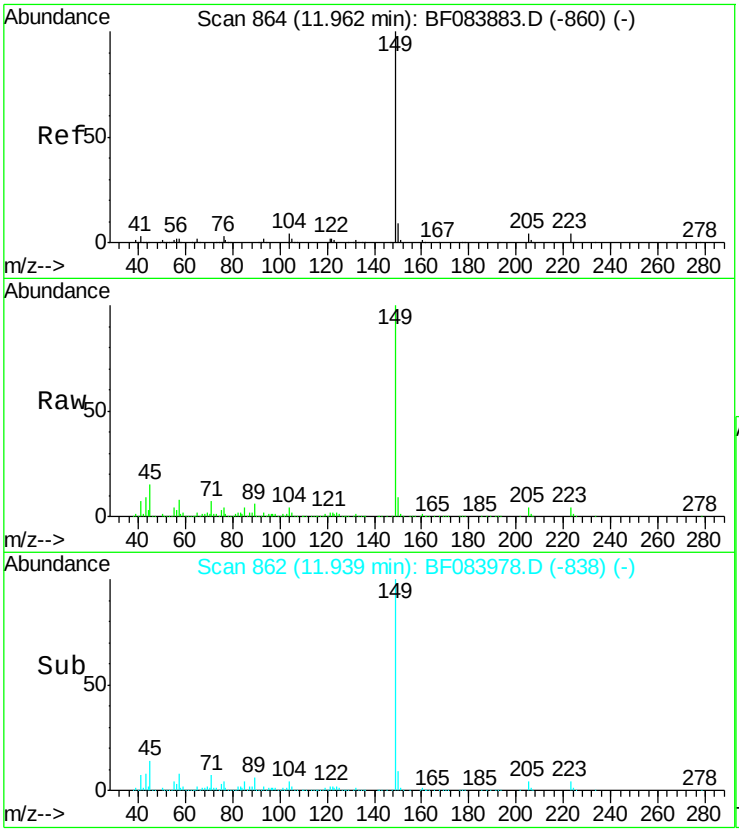


#72
Carbazole
Concen: 44.80 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:167 Resp: 658047

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.6	11.8	17.8

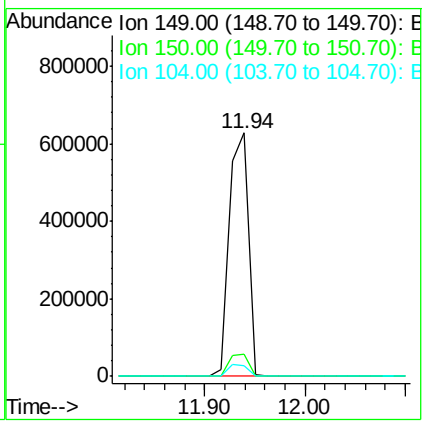




#73
Di-n-butylphthalate
Concen: 48.07 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:149 Resp: 829600

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	4.1	3.2	4.8



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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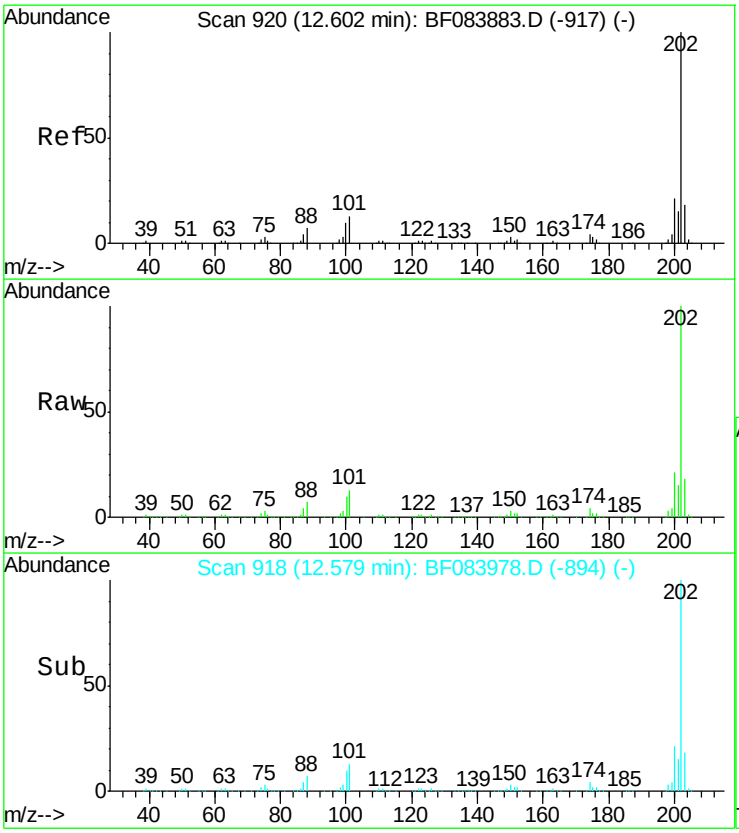
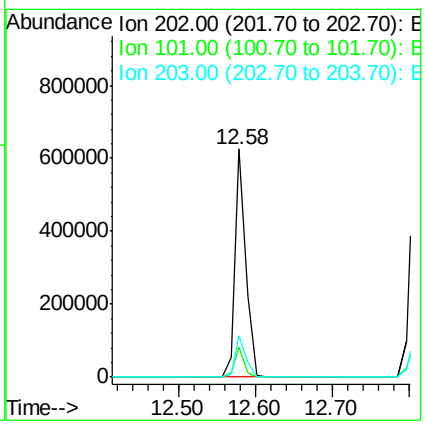
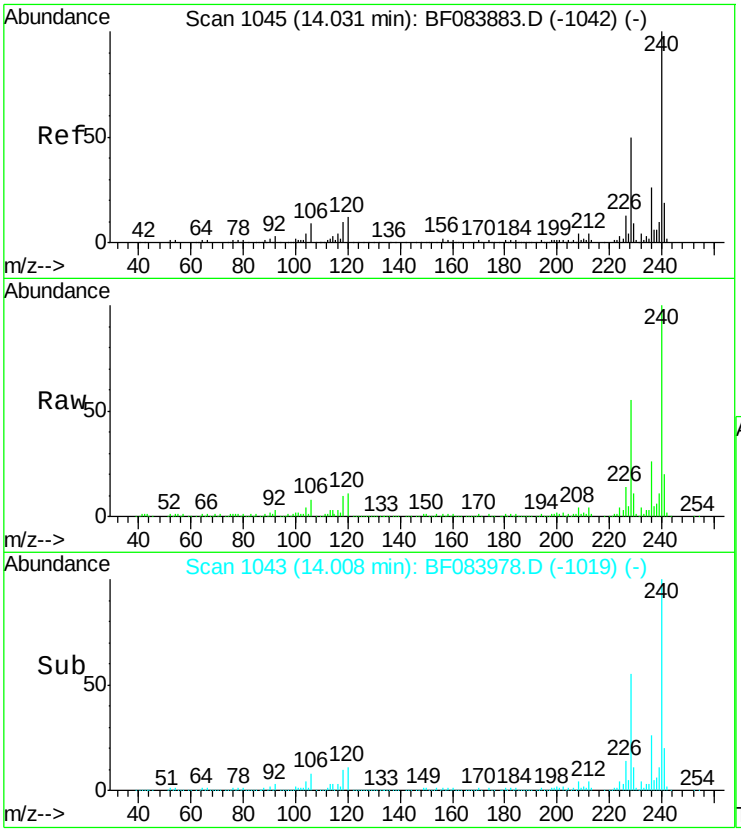


#74
Fluoranthene
Concen: 40.87 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:202 Resp: 627236

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.8
203	18.1	0.0	37.9

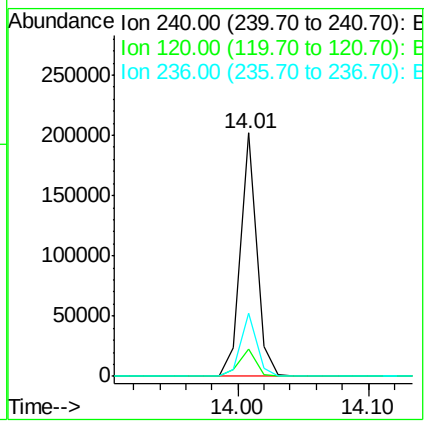




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:240 Resp: 173891

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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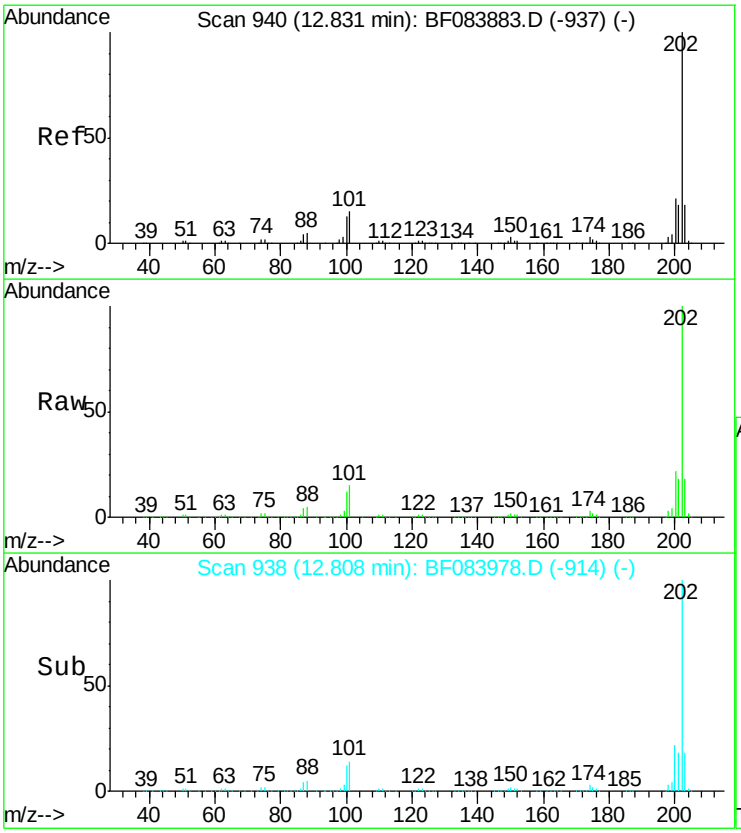
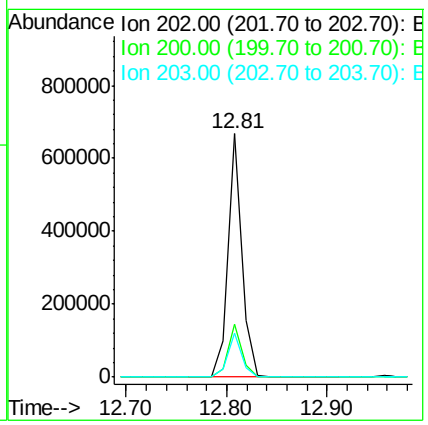
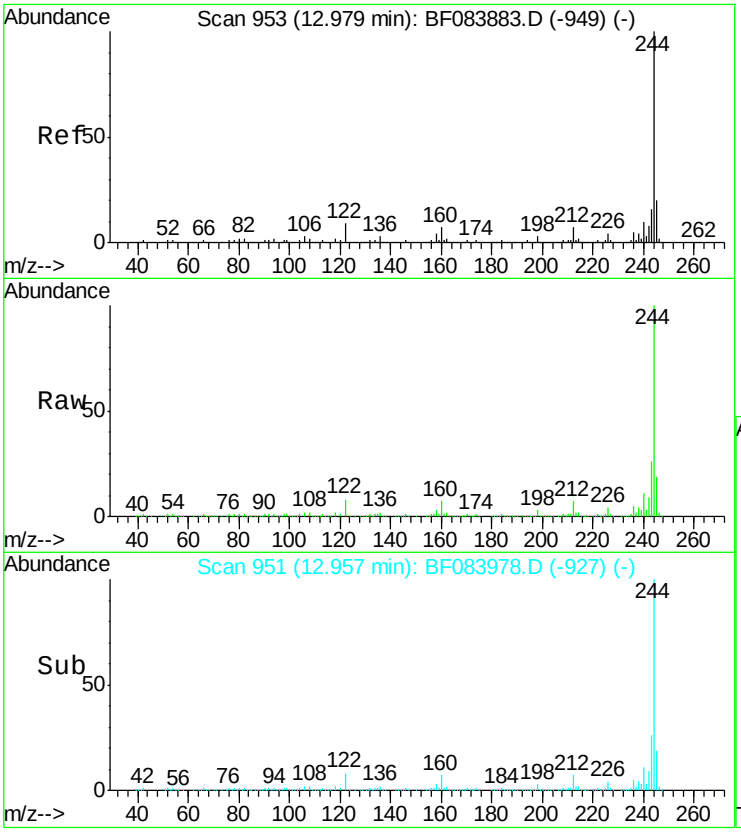


#77
Pyrene
Concen: 55.74 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:202 Resp: 640716

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.8	14.3	21.5

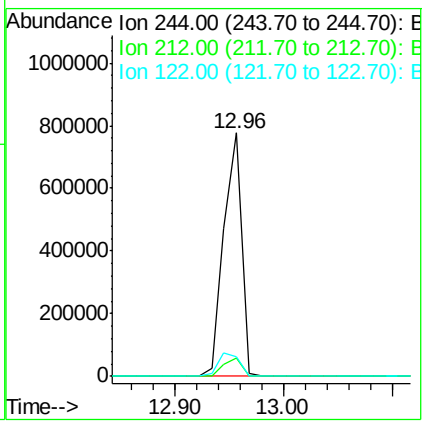




#78
Terphenyl-d14
Concen: 121.09 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:244 Resp: 880845

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.1	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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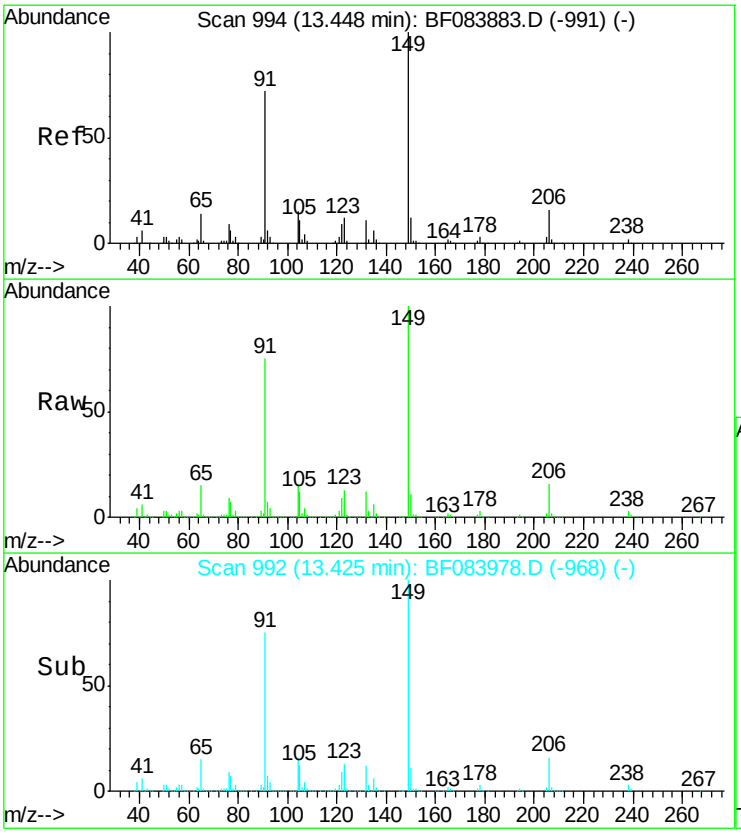
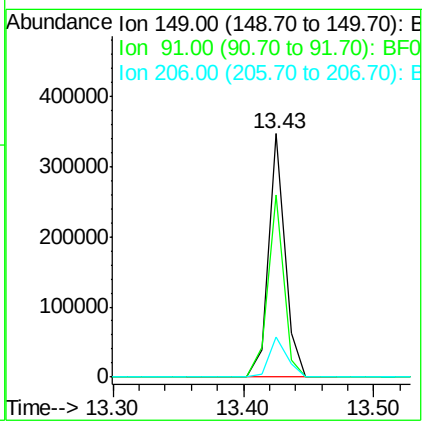
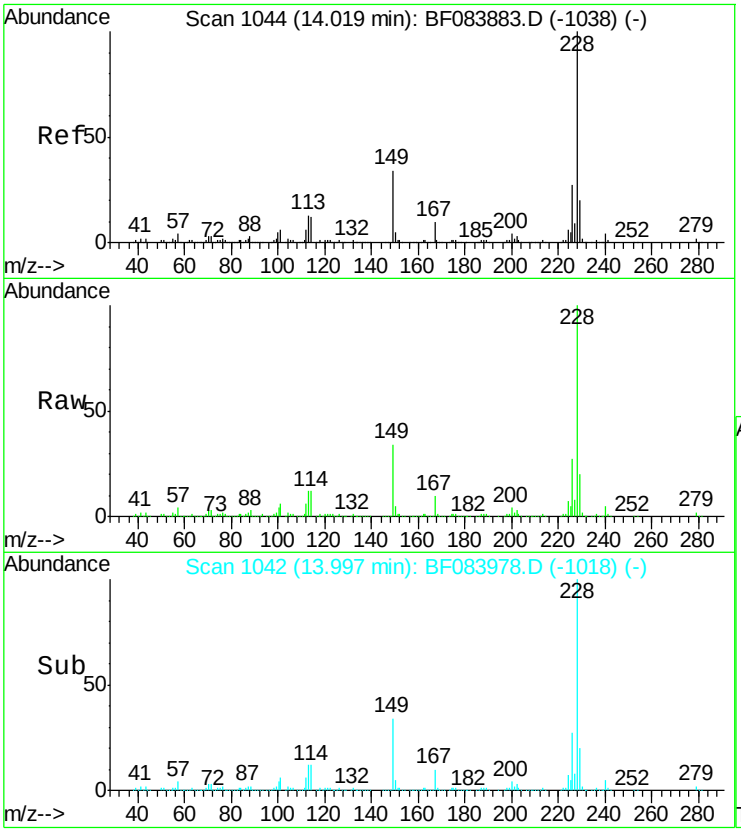


#79
Butylbenzylphthalate
Concen: 53.57 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:149 Resp: 310114

Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.6	86.4
206	16.4	13.2	19.8

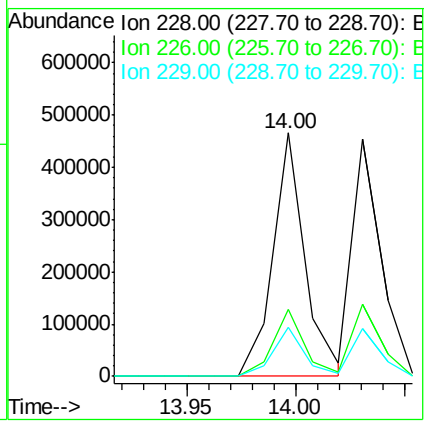




#80
Benzo(a)anthracene
Concen: 45.23 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:228 Resp: 483593

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	20.1	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
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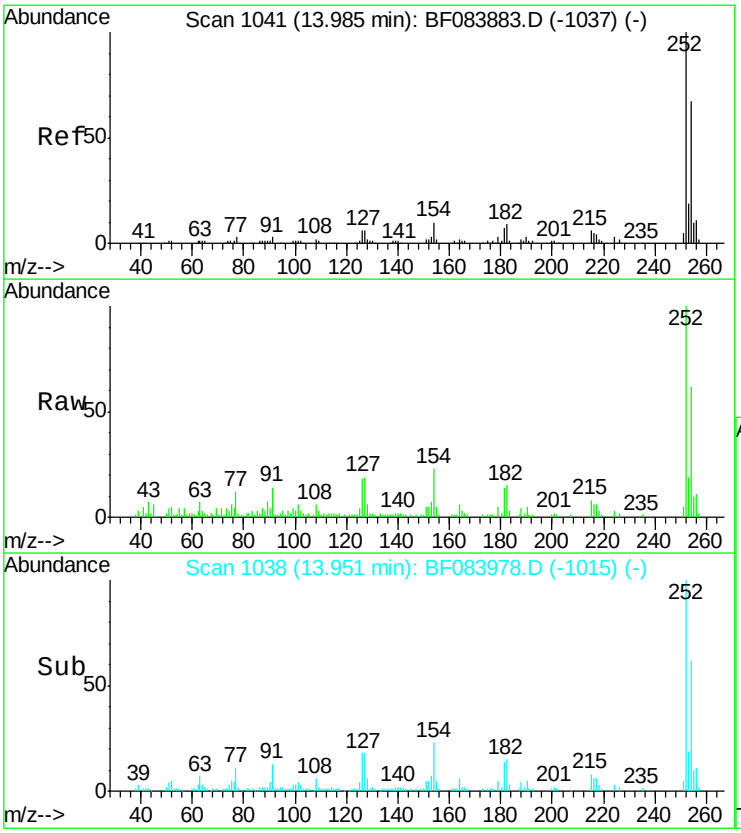
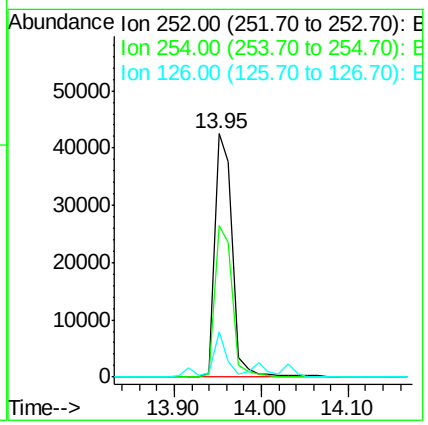
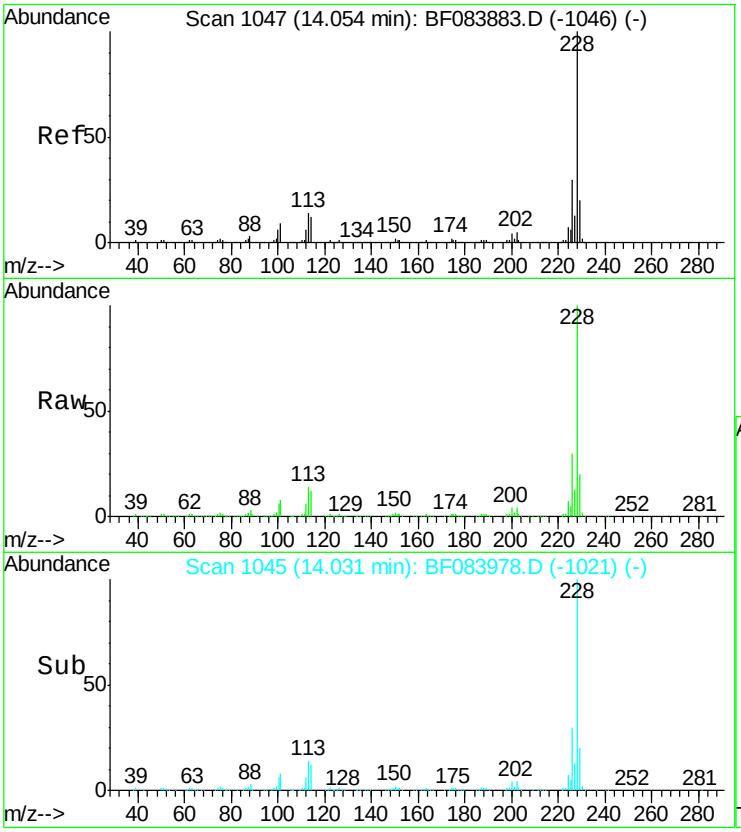


#81
3,3'-Dichlorobenzidine
Concen: 15.20 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:252 Resp: 60746

Ion	Ratio	Lower	Upper
252	100		
254	62.4	53.5	80.3
126	18.4	4.9	7.3#

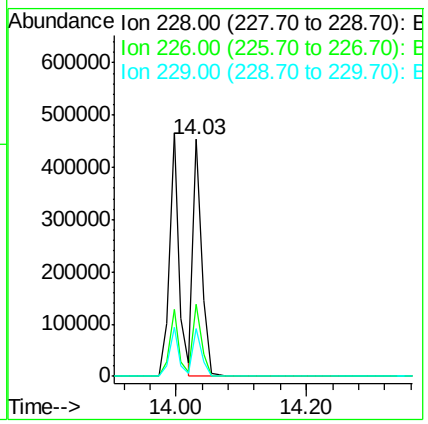




#82
Chrysene
Concen: 40.95 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:228 Resp: 422908

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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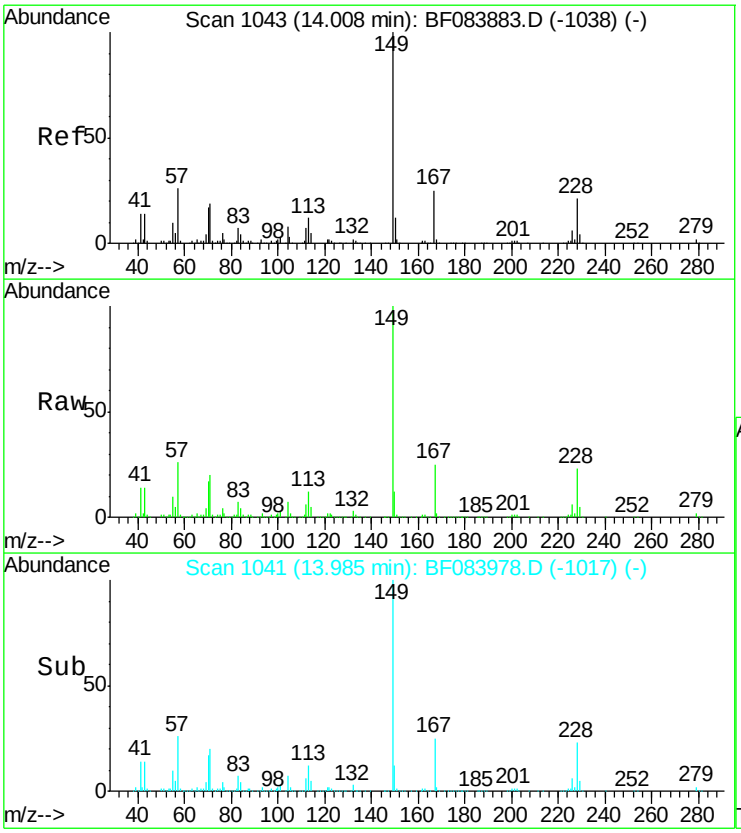
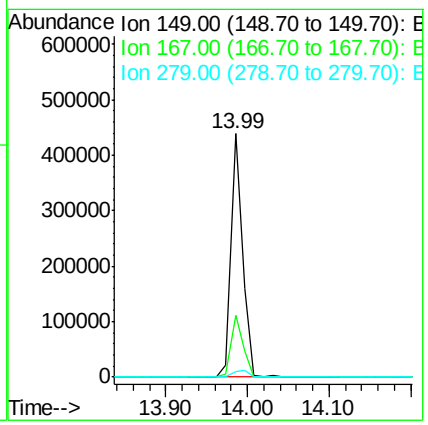
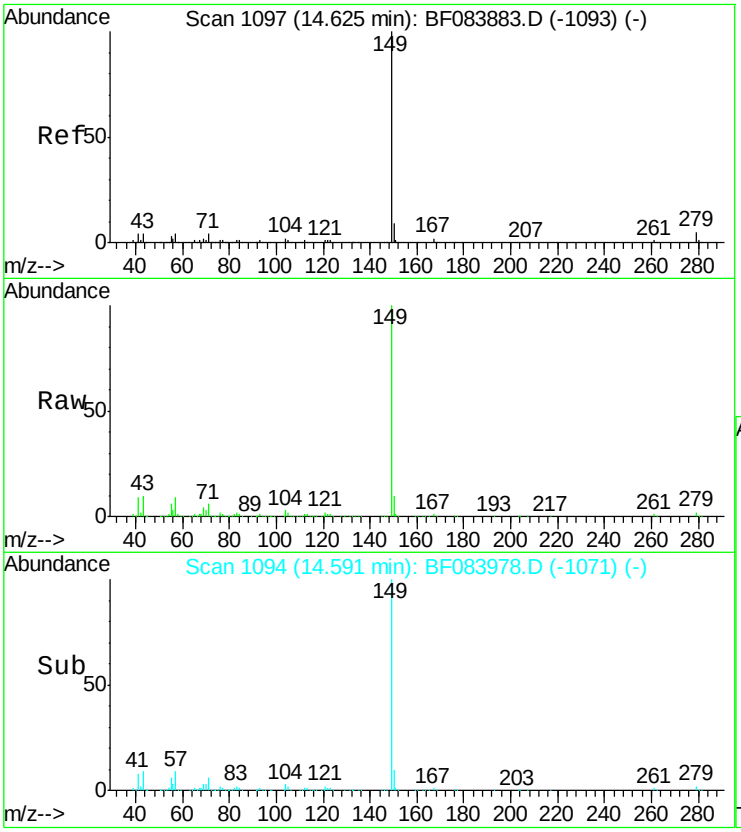


#83
Bis(2-ethylhexyl)phthalate
Concen: 55.84 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:149 Resp: 431594

Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.7	29.5
279	2.3	1.8	2.6

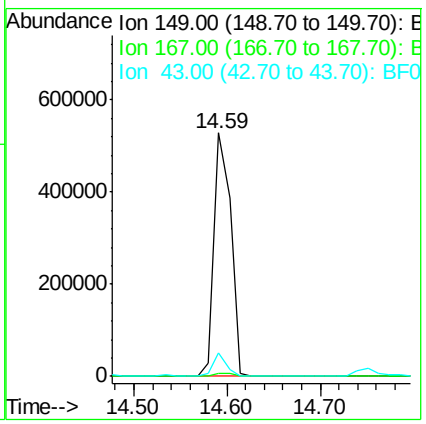




#84
Di-n-octyl phthalate
Concen: 54.31 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:149 Resp: 656914

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	7.6	5.6	8.4



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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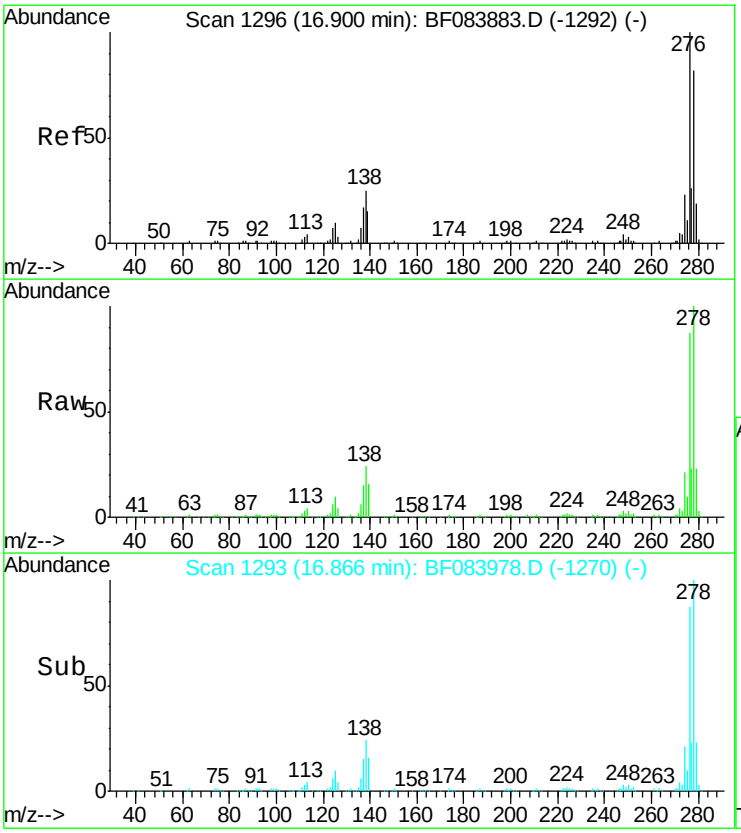
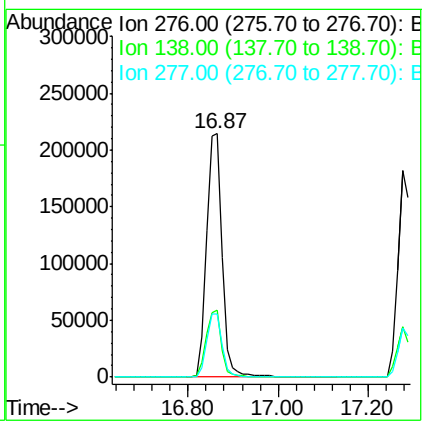
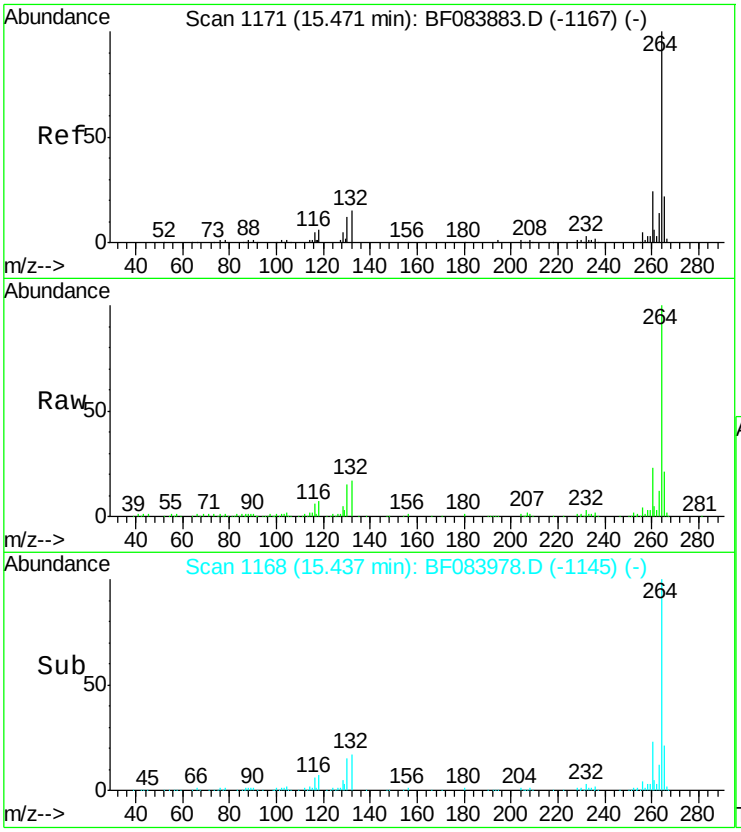


#85
Indeno(1,2,3-cd)pyrene
Concen: 66.91 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:276 Resp: 516762

Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.6	30.8
277	25.7	20.1	30.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:264 Resp: 151813

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	21.2	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

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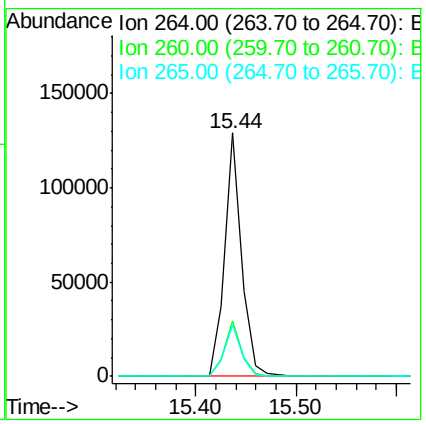
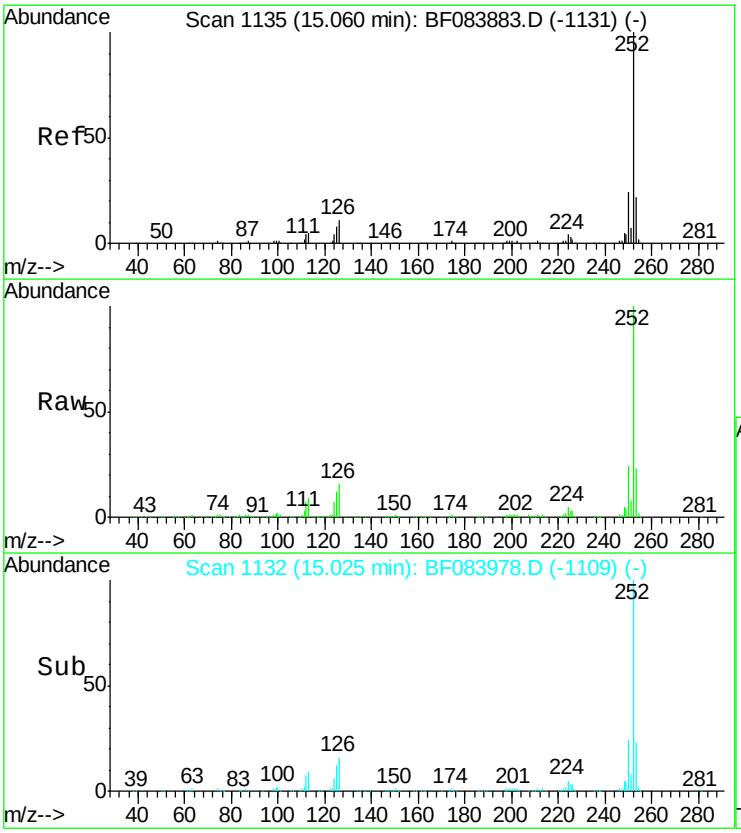
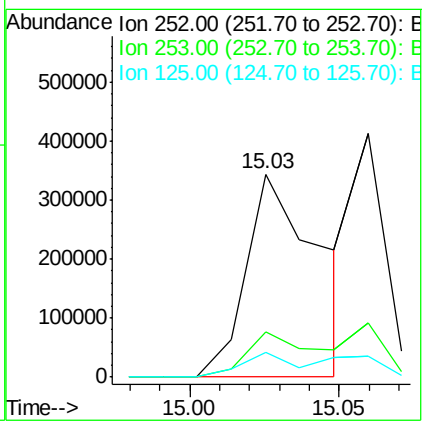


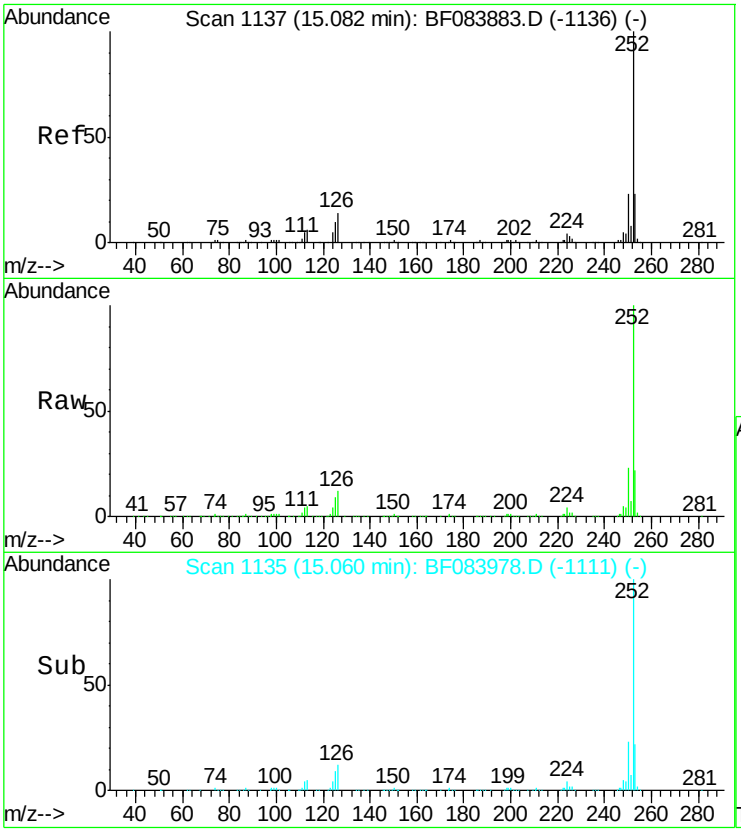


#87
Benzo(b)fluoranthene
Concen: 53.01 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:252 Resp: 586722

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.4	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 35.87 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:252 Resp: 327554

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.7	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
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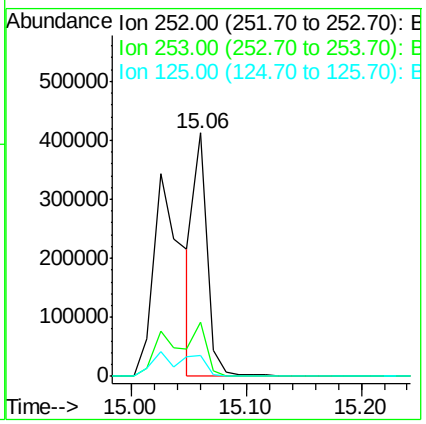
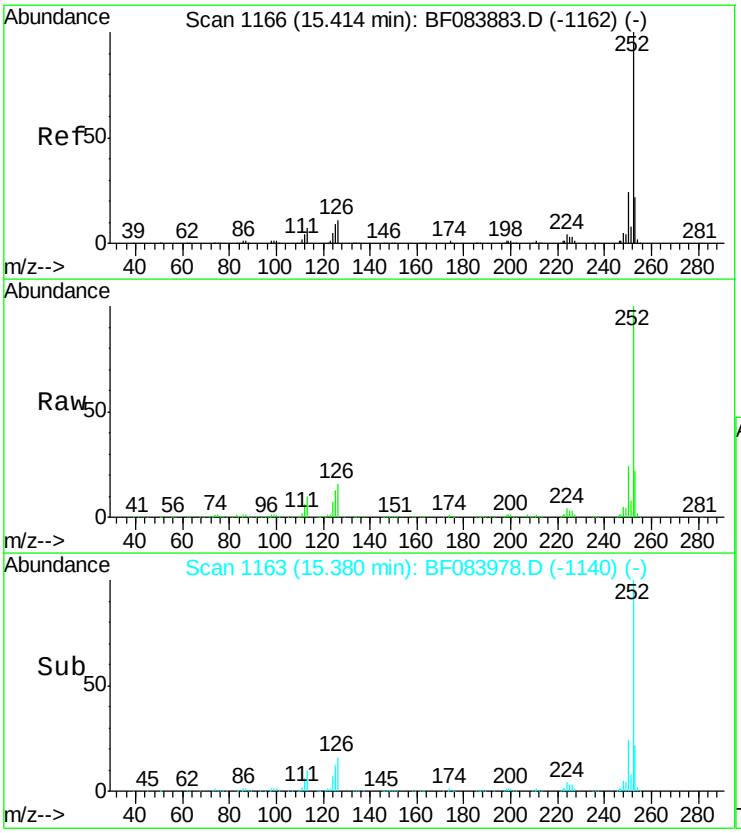
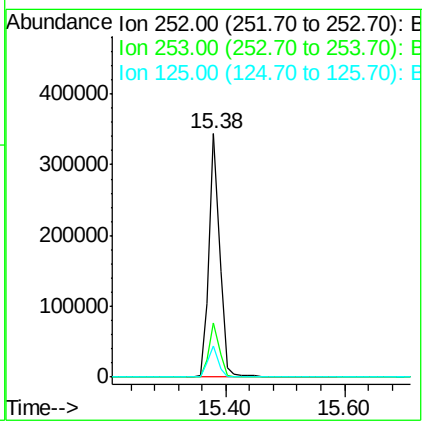


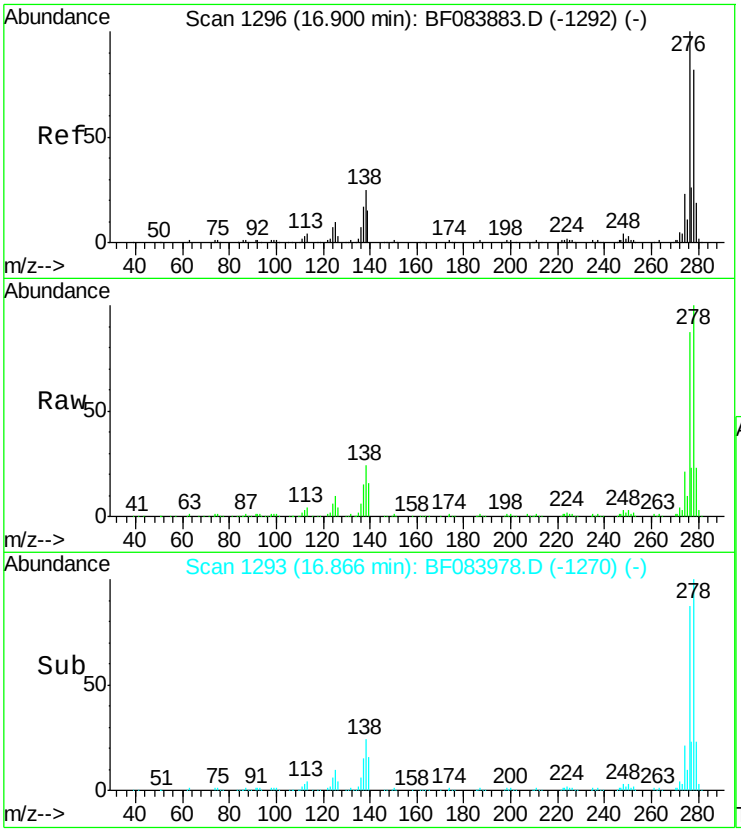


#89
Benzo(a)pyrene
Concen: 47.40 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:252 Resp: 433203

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	12.5	7.0	10.4#

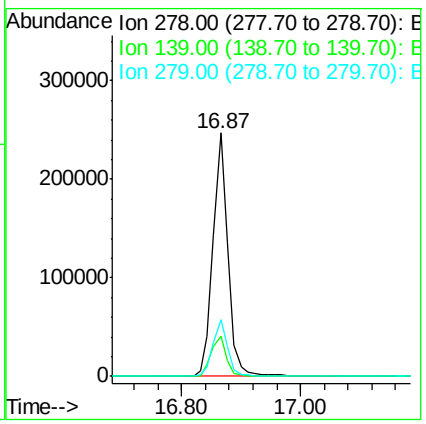




#90
Dibenzo(a,h)anthracene
Concen: 60.89 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

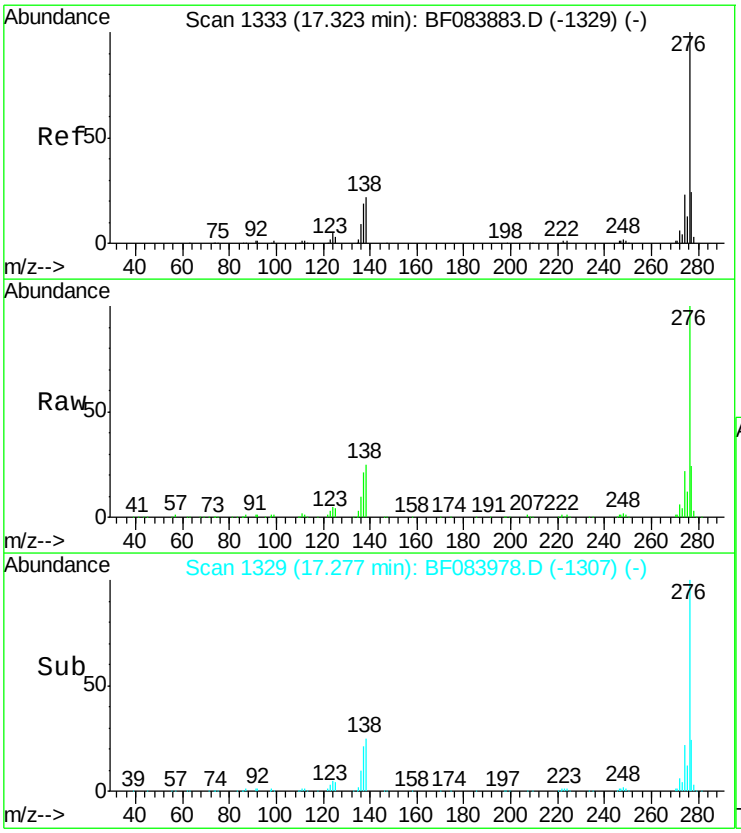
Tgt Ion:278 Resp: 432970

Ion	Ratio	Lower	Upper
278	100		
139	16.4	15.0	22.4
279	23.3	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMS

Manual Integrations APPROVED
apatel
12/22/2015 12:01:27 PM



#91
Benzo(g,h,i)perylene
Concen: 58.99 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF083978.D
Acq: 20 Dec 2015 4:31

Tgt Ion:276 Resp: 411104

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.7	17.8	26.6