Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085984.D
Acq On : 2 Apr 2016 2:06
Operator : UM/SJ
Sample : H1824-05
Misc : LOD 1PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-01

Manual Integrations APPROVED
Sohil
4/4/2016 7:43:05 PM

Quant Time: Apr 02 03:09:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105281	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	422605	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	192544	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	391089	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	346529	20.00	ng		0.00
86) Perylene-d12	15.33	264	288165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	744419	120.86	ng		0.00
7) Phenol-d6	6.42	99	1007413	128.77	ng		0.00
23) Nitrobenzene-d5	7.34	82	615922	85.95	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	283059	156.63	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1086759	93.85	ng		0.00
78) Terphenyl-d14	12.88	244	1118334	75.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	1414	0.48	ng	#	75
6) Aniline	6.45	93	6008	0.59	ng		90
8) 2-Chlorophenol	6.56	128	6446	0.88	ng		85
9) Benzaldehyde	6.37	77	3589	0.85	ng		95
10) Phenol	6.43	94	7054	0.79	ng		83
11) bis(2-Chloroethyl)ether	6.52	93	6302	0.89	ng		96
12) 1,3-Dichlorobenzene	6.73	146	6377	0.82	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	6811	0.85	ng		93
14) 1,2-Dichlorobenzene	6.94	146	6153	0.83	ng		96
15) Benzyl Alcohol	6.92	79	9672	1.91	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	7.06	45	6616	0.77	ng	#	34
17) 2-Methylphenol	7.06	107	6081	1.05	ng	#	73
18) Hexachloroethane	7.28	117	2354	0.80	ng	#	76
19) n-Nitroso-di-n-propylamine	7.18	70	3528	0.73	ng	#	78
20) 3+4-Methylphenols	7.24	107	5645	0.80	ng	#	66
22) Acetophenone	7.21	105	8265	0.83	ng	#	89
24) Nitrobenzene	7.36	77	8374	1.07	ng		98
25) Isophorone	7.61	82	11378m	0.80	ng		
26) 2-Nitrophenol	7.71	139	1783	0.48	ng	#	88
27) 2,4-Dimethylphenol	7.74	122	4206	0.62	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	6516	0.79	ng		95
29) 2,4-Dichlorophenol	7.96	162	3574	0.63	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	5252	0.82	ng		96
31) Naphthalene	8.08	128	18773	0.88	ng		98
33) 4-Chloroaniline	8.17	127	5003m	0.58	ng		
34) Hexachlorobutadiene	8.20	225	2648	0.77	ng		97
35) Caprolactam	8.49	113	744	0.41	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	4049	0.63	ng		94
37) 2-Methylnaphthalene	8.77	142	11924m	0.86	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	5257	0.91	ng	#	86
42) 2,4,6-Trichlorophenol	9.07	196	2066	0.56	ng		90
43) 2,4,5-Trichlorophenol	9.15	196	2039m	0.54	ng		
45) 1,1'-Biphenyl	9.24	154	14315	0.86	ng		96
46) 2-Chloronaphthalene	9.26	162	10786	0.90	ng		94

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Operator : UM/SJ
Sample : H1824-05
Misc : LOD 1PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-01

Manual Integrations APPROVED
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Quant Time: Apr 02 03:09:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.39	65	2190	0.62	ng	#	81
48) Acenaphthylene	9.68	152	16955	0.88	ng		98
49) Dimethylphthalate	9.54	163	12043	0.84	ng		98
50) 2,6-Dinitrotoluene	9.61	165	1772	0.59	ng		96
51) Acenaphthene	9.84	154	11909	1.04	ng		98
52) 3-Nitroaniline	9.80	138	1723	0.47	ng	#	1
54) Dibenzofuran	10.02	168	16478	1.09	ng		94
56) 2,4-Dinitrotoluene	10.03	165	1872	0.49	ng	#	47
57) Fluorene	10.36	166	12481	0.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	1916	0.68	ng	#	86
59) Diethylphthalate	10.24	149	11965	0.83	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	5912	0.98	ng		95
61) 4-Nitroaniline	10.41	138	929	0.26	ng		75
62) Azobenzene	10.51	77	12086	0.88	ng		97
65) n-Nitrosodiphenylamine	10.46	169	9867	0.81	ng		97
66) 4-Bromophenyl-phenylether	10.84	248	2985	0.75	ng		90
67) Hexachlorobenzene	10.91	284	3409	0.83	ng		94
68) Atrazine	11.00	200	2763	0.70	ng		94
70) Phenanthrene	11.32	178	20327	0.95	ng		96
71) Anthracene	11.38	178	19439	0.87	ng		97
72) Carbazole	11.54	167	15864	0.83	ng		98
73) Di-n-butylphthalate	11.86	149	17219	0.72	ng		98
74) Fluoranthene	12.51	202	17984	0.81	ng		90
76) Benzidine	12.65	184	3572	0.29	ng	#	84
77) Pyrene	12.74	202	18451	0.76	ng		99
79) Butylbenzylphthalate	13.35	149	5556	0.51	ng	#	78
80) Benzo(a)anthracene	13.92	228	18598	0.91	ng		96
81) 3,3'-Dichlorobenzidine	13.89	252	2473	0.17	ng	#	77
82) Chrysene	13.95	228	15795	0.80	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	8081	0.55	ng	#	99
84) Di-n-octyl phthalate	14.51	149	9488	0.41	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.71	276	10306	0.65	ng		92
87) Benzo(b)fluoranthene	14.95	252	13792m	0.76	ng		
88) Benzo(k)fluoranthene	14.97	252	13153m	0.82	ng		
89) Benzo(a)pyrene	15.28	252	12879	0.80	ng		96
90) Dibenzo(a,h)anthracene	16.71	278	8487	0.66	ng		96
91) Benzo(g,h,i)perylene	17.12	276	8494	0.68	ng		96

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

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Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Manual Integrations APPROVED
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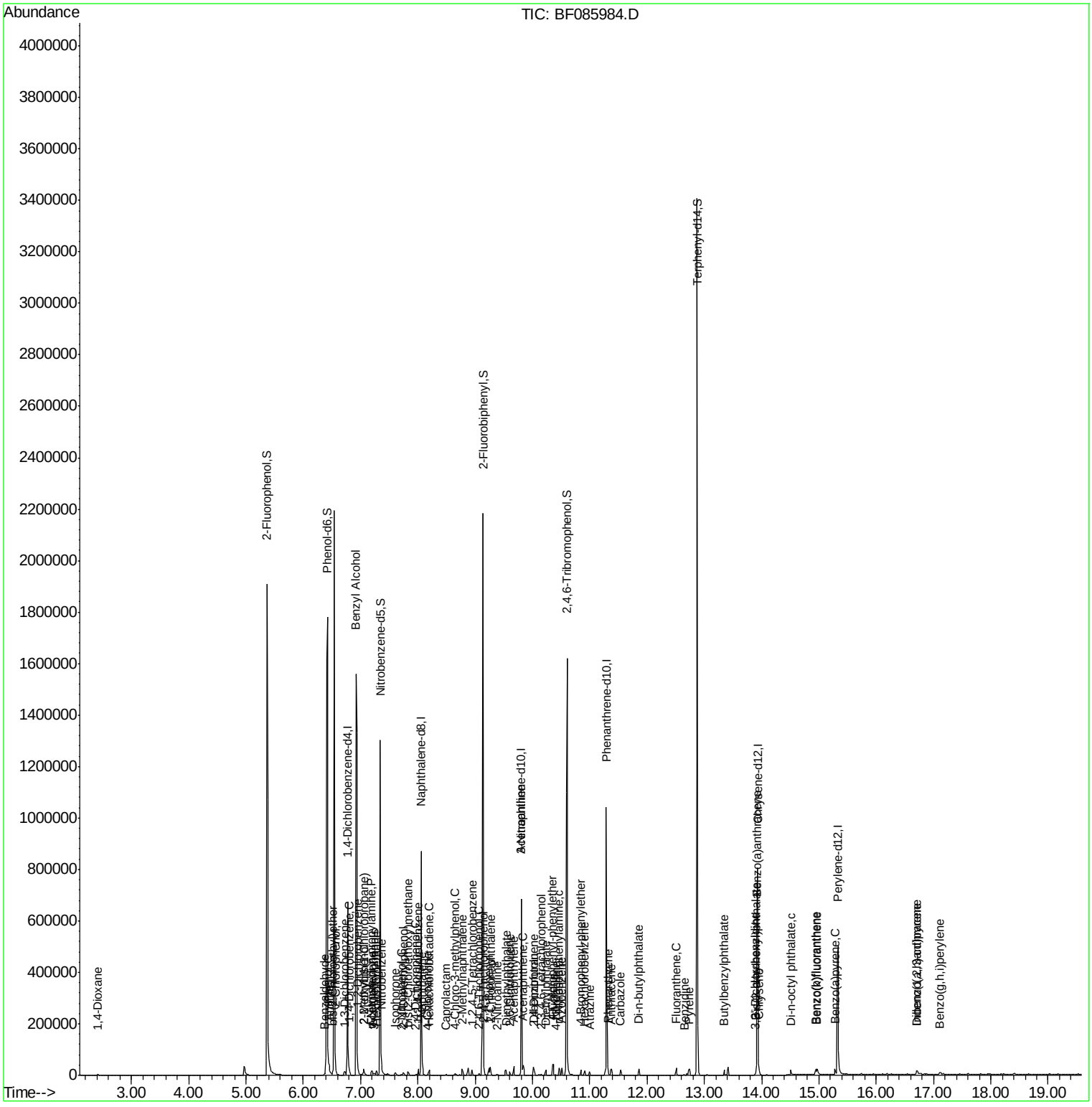
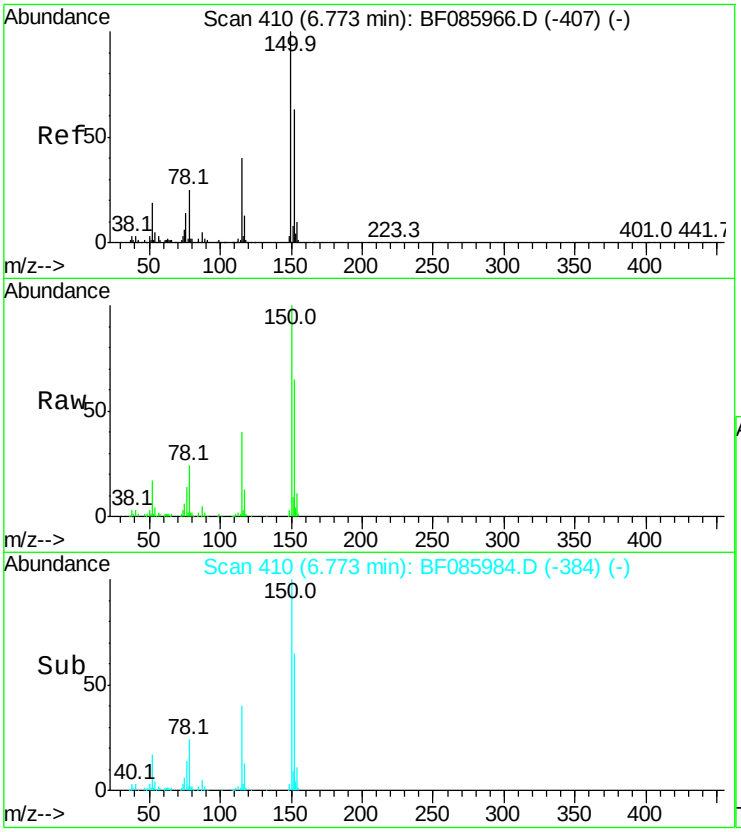
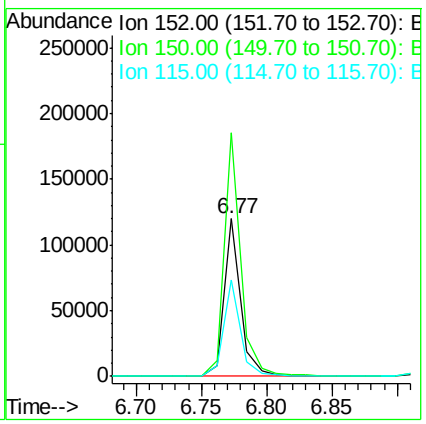




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:152 Resp: 105281

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	61.2	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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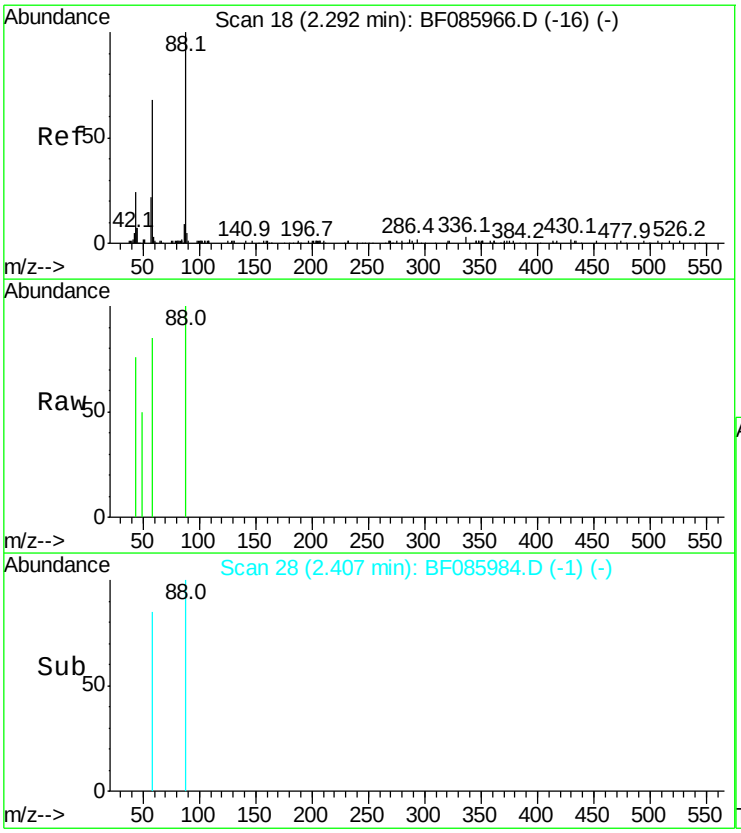
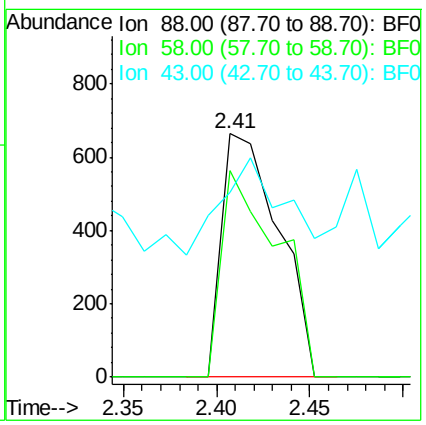
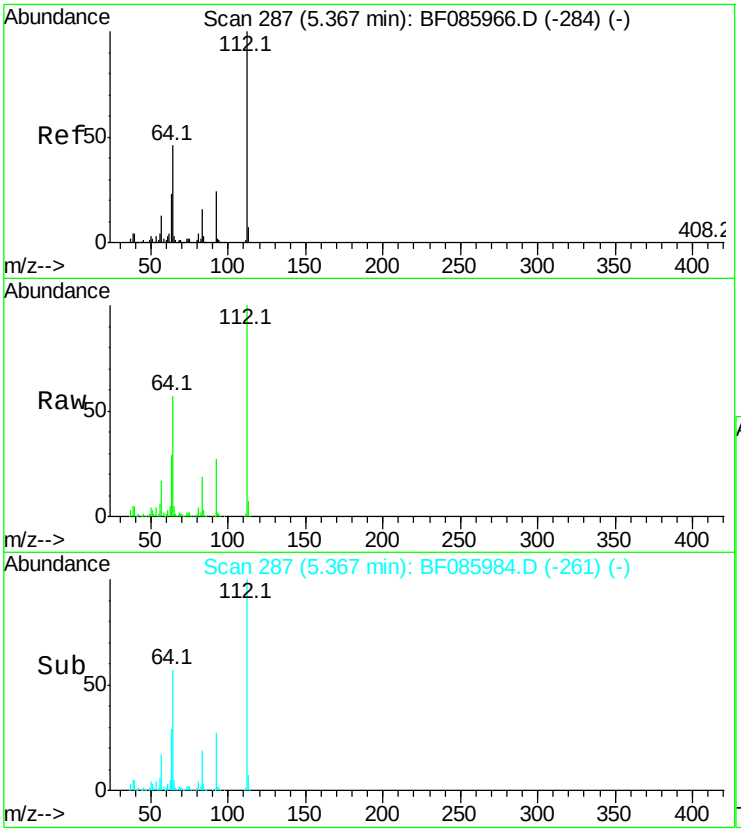


#2
1,4-Dioxane
Concen: 0.48 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.11 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 88 Resp: 1414

Ion	Ratio	Lower	Upper
88	100		
58	84.8	54.2	81.2#
43	42.4	19.3	28.9#

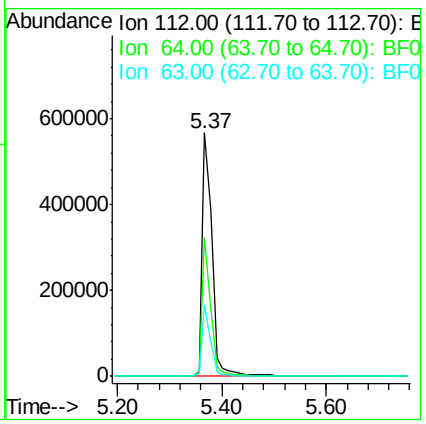




#5
2-Fluorophenol
Concen: 120.86 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:112 Resp: 744419

Ion	Ratio	Lower	Upper
112	100		
64	57.0	39.9	59.9
63	29.0	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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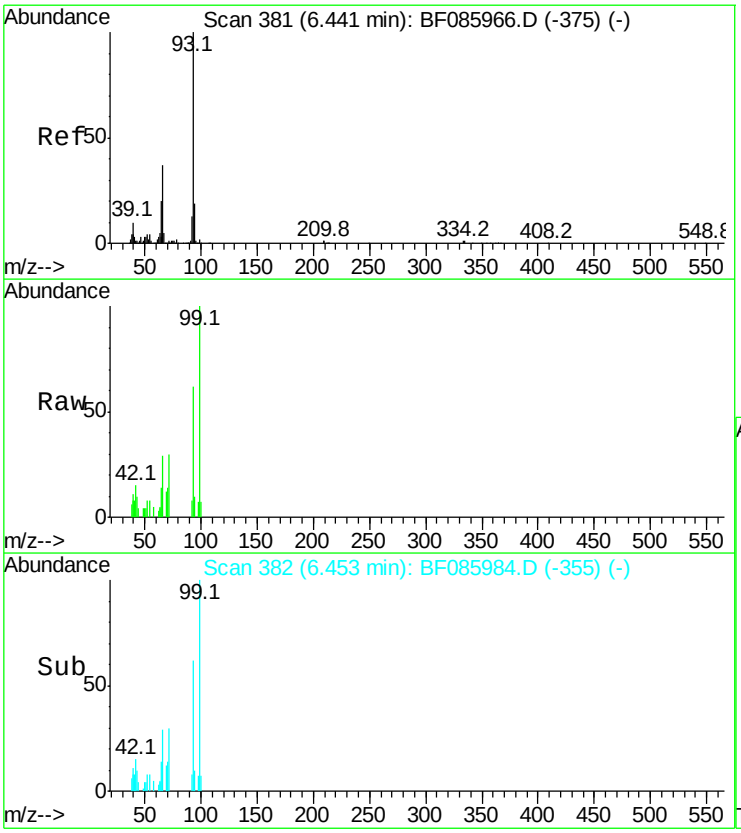
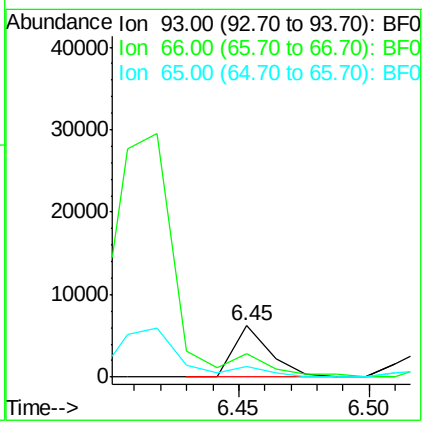
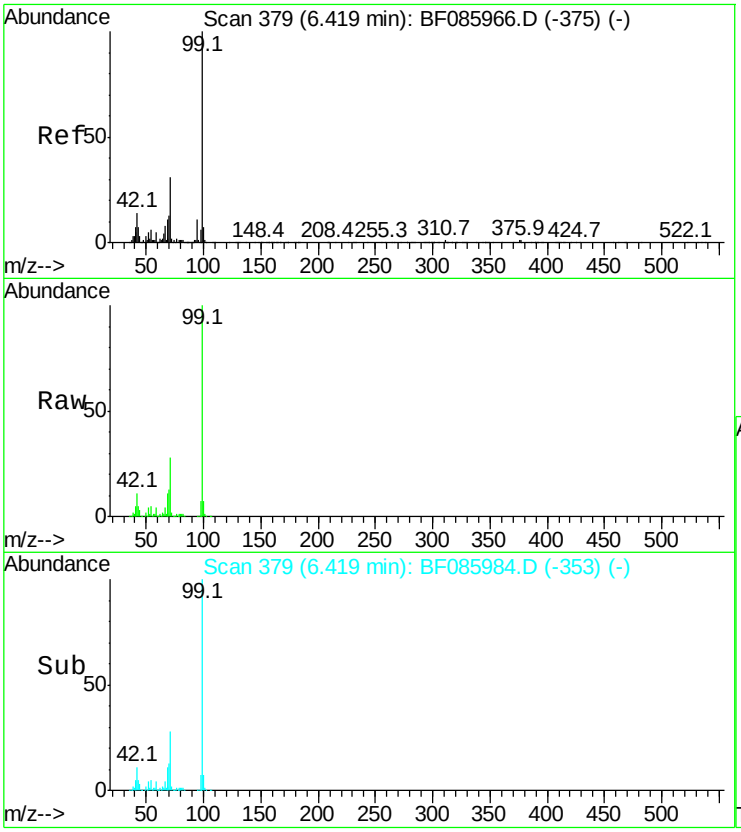


#6
Aniline
Concen: 0.59 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 93 Resp: 6008

Ion	Ratio	Lower	Upper
93	100		
66	46.6	31.4	47.2
65	21.9	15.7	23.5

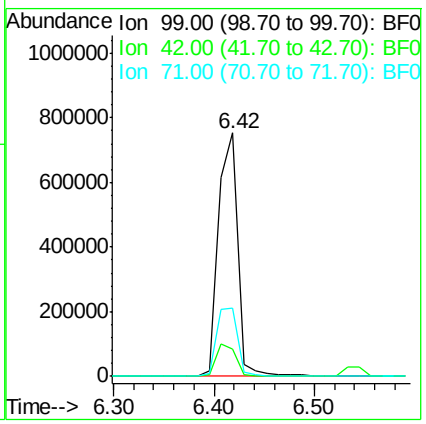




#7
Phenol-d6
Concen: 128.77 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 99 Resp: 1007413

Ion	Ratio	Lower	Upper
99	100		
42	11.2	11.1	16.7
71	27.9	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
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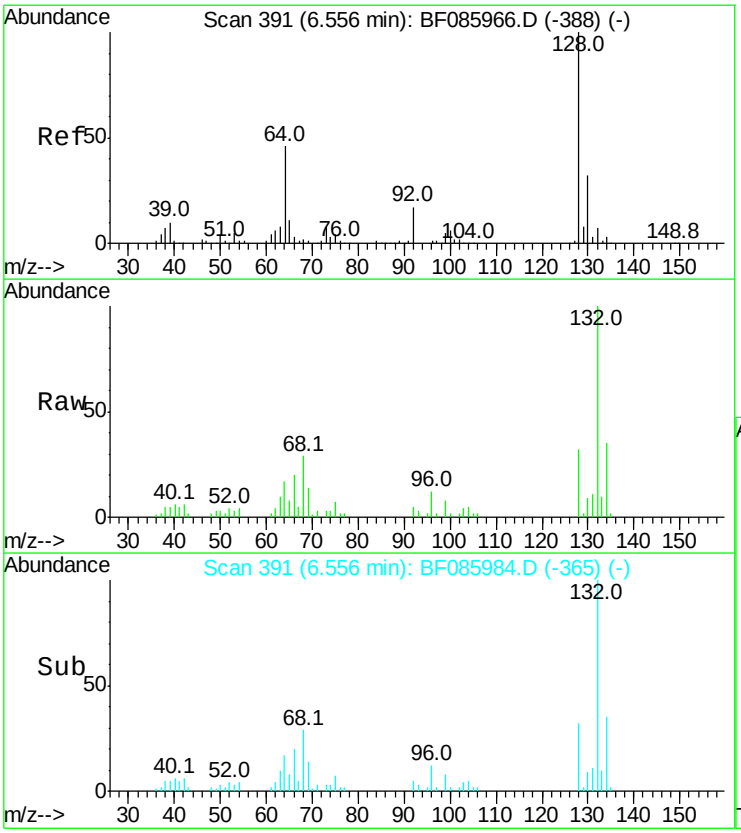
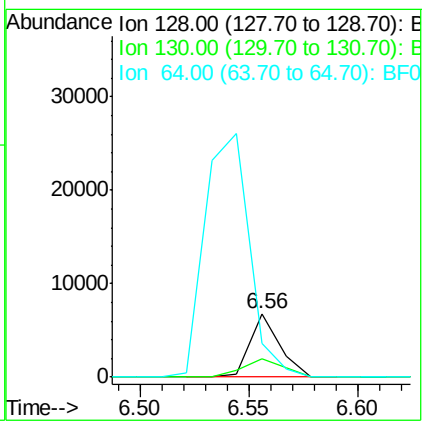
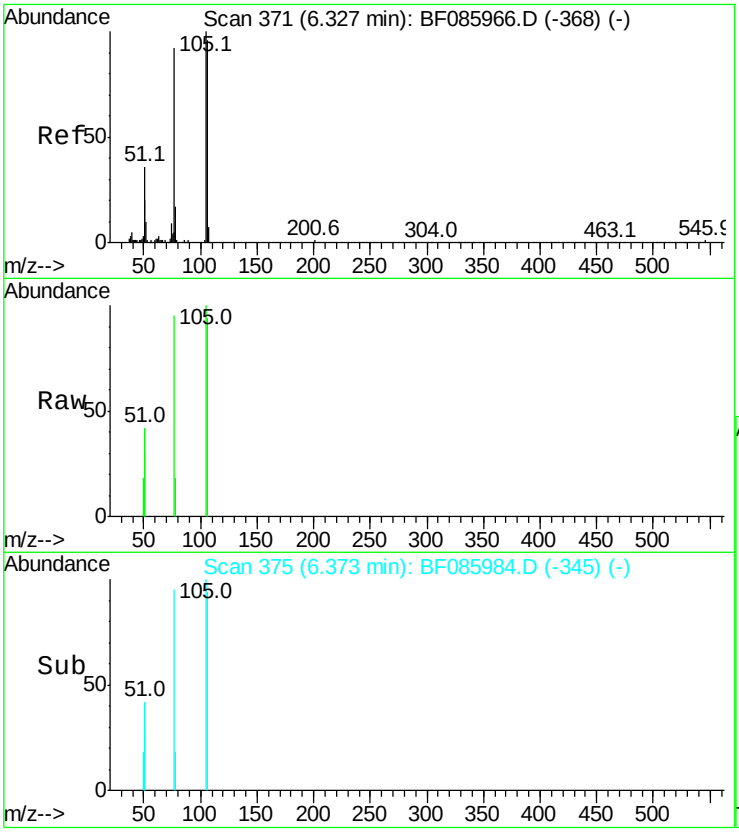


#8
2-Chlorophenol
Concen: 0.88 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:128 Resp: 6446

Ion	Ratio	Lower	Upper
128	100		
130	28.2	12.9	52.9
64	52.9	20.2	60.2

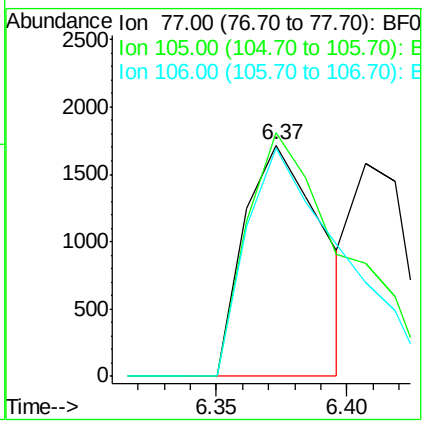




#9
Benzaldehyde
Concen: 0.85 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.05 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 77 Resp: 3589

Ion	Ratio	Lower	Upper
77	100		
105	105.5	80.1	120.1
106	98.9	75.0	115.0



Instrument :
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ClientSampleId :
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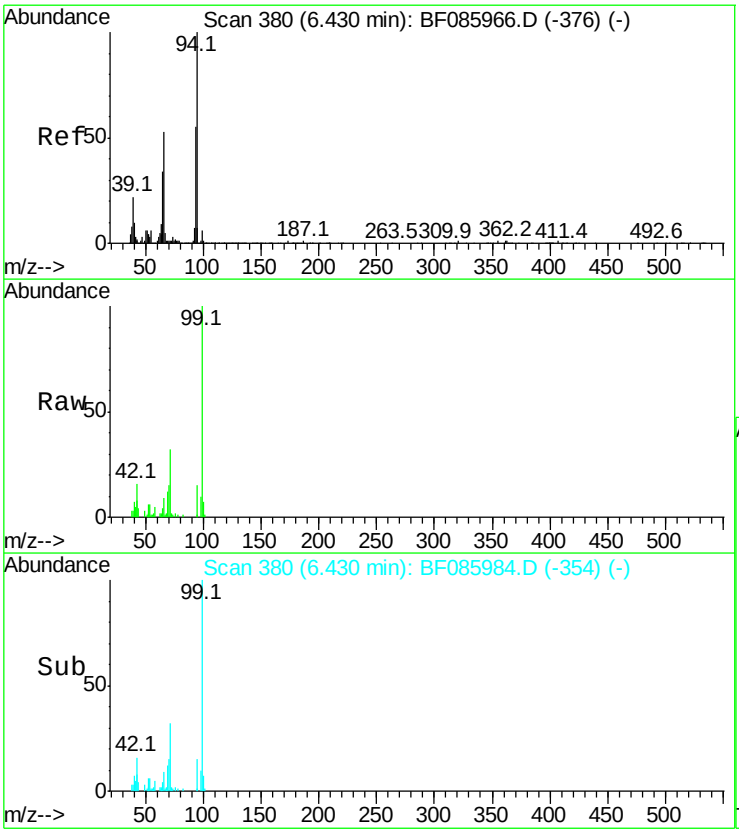
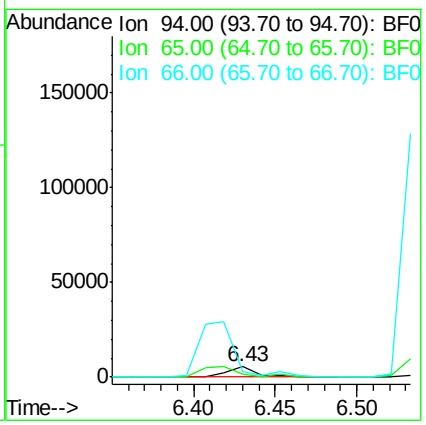
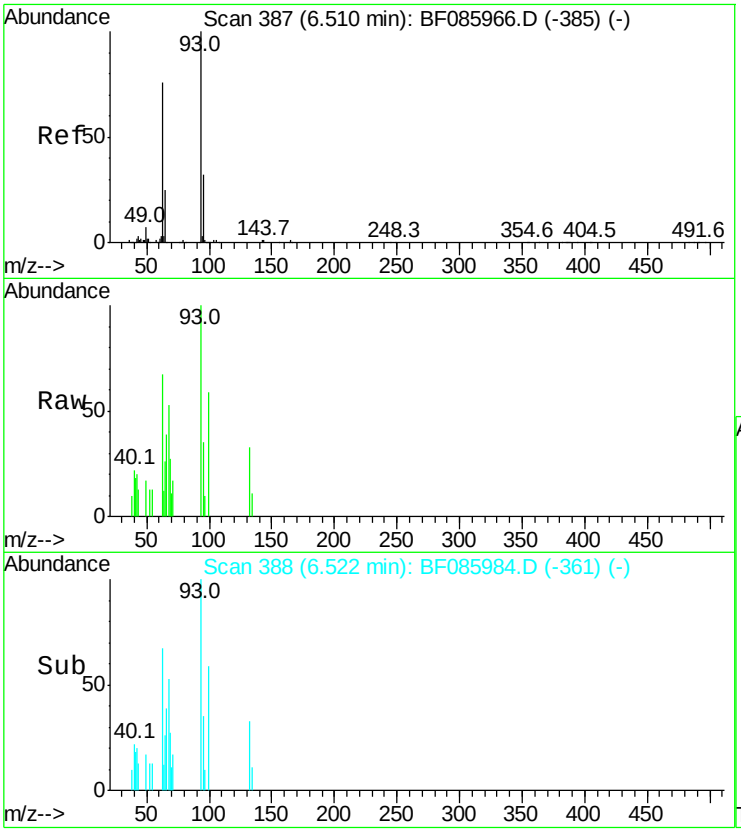


#10
Phenol
Concen: 0.79 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 94 Resp: 7054

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.6	48.6
66	58.2	20.0	60.0

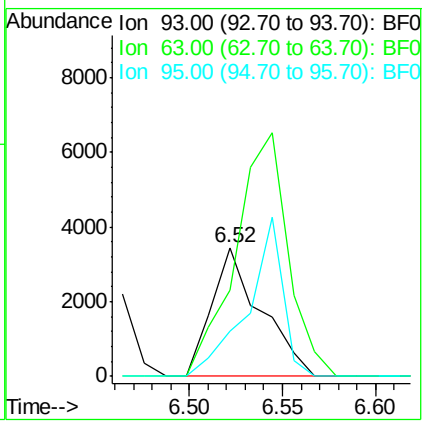




#11
bis(2-Chloroethyl)ether
Concen: 0.89 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 93 Resp: 6302

Ion	Ratio	Lower	Upper
93	100		
63	67.2	50.9	90.9
95	35.4	13.3	53.3



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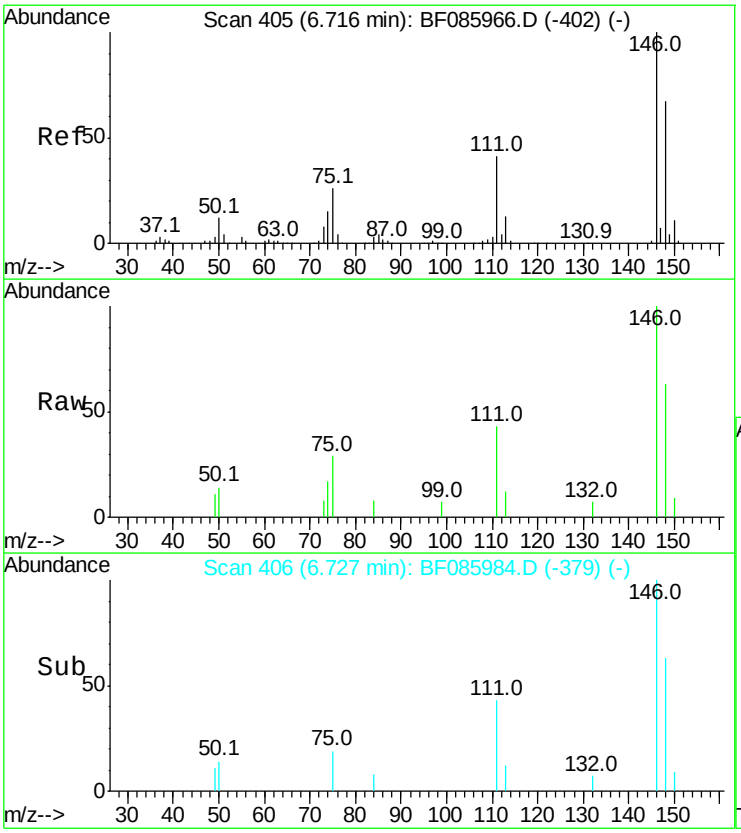
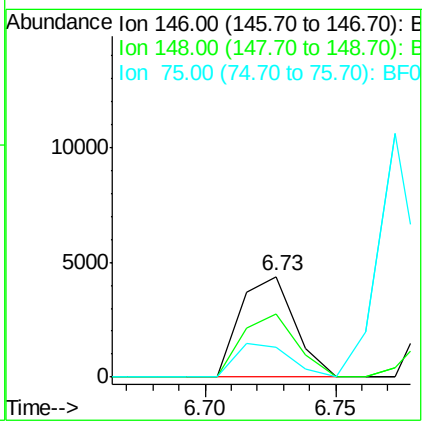
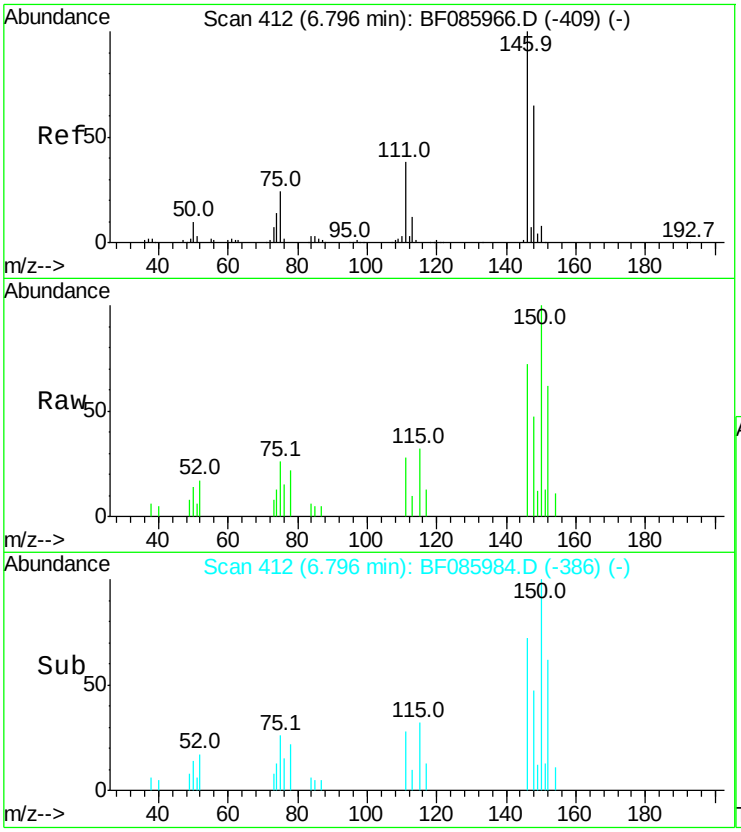


#12
1,3-Dichlorobenzene
Concen: 0.82 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:146 Resp: 6377

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
75	29.3	17.4	26.2#

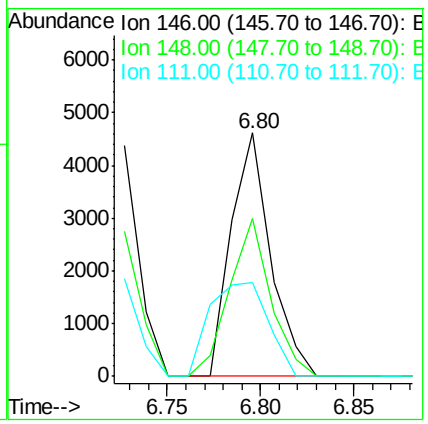




#13
1,4-Dichlorobenzene
Concen: 0.85 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:146 Resp: 6811

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	38.4	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
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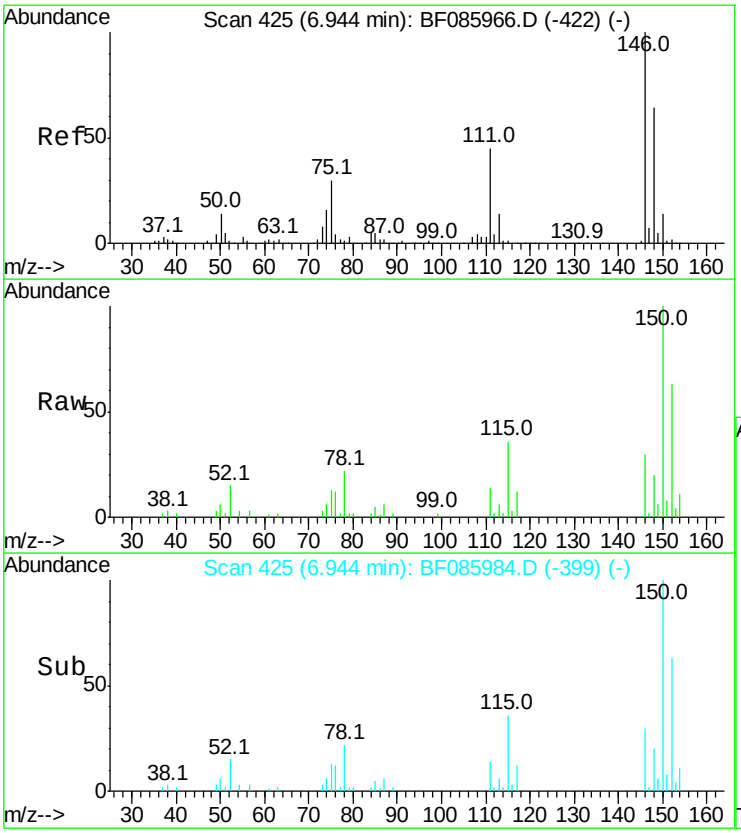
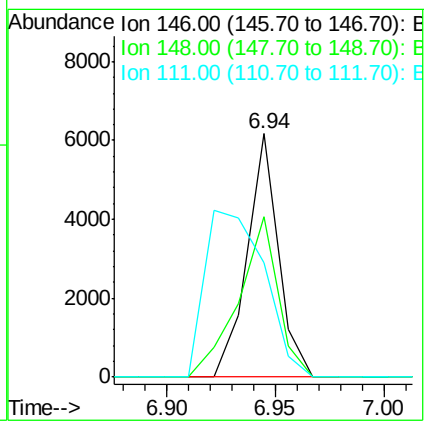
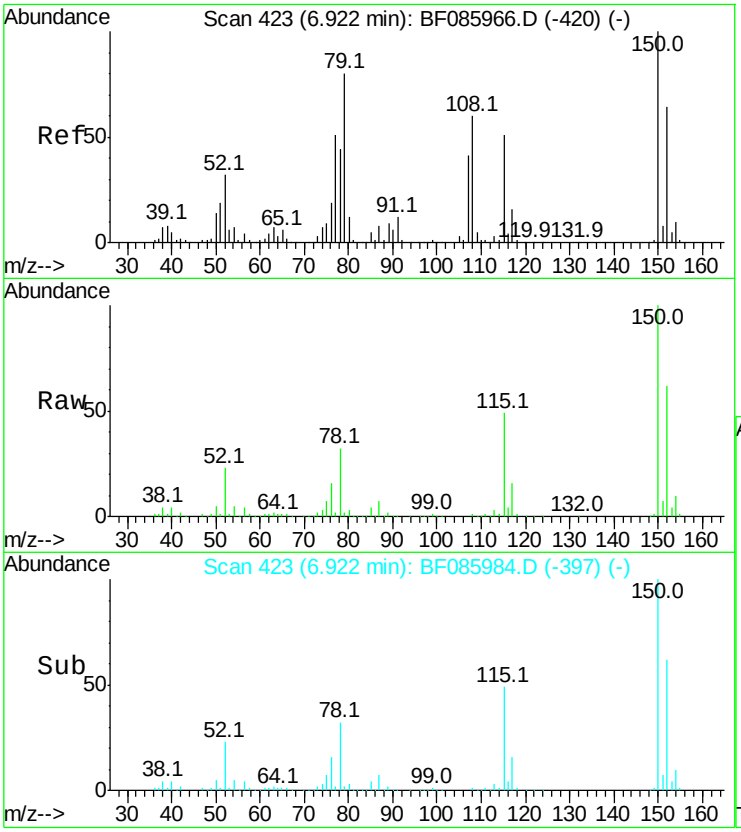


#14
1,2-Dichlorobenzene
Concen: 0.83 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:146 Resp: 6153

Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.2
111	47.1	34.6	52.0





#15
Benzyl Alcohol
Concen: 1.91 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 79 Resp: 9672

Ion	Ratio	Lower	Upper
79	100		
108	29.4	61.8	92.6#
77	93.6	49.6	74.4#

Instrument :
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ClientSampleId :
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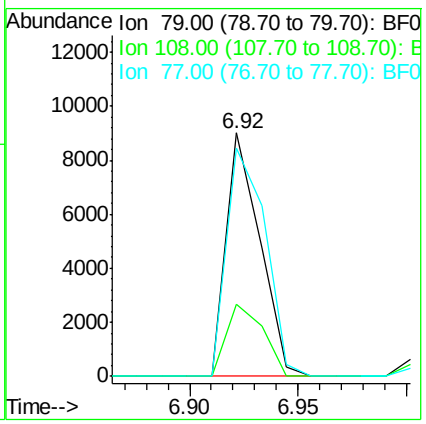
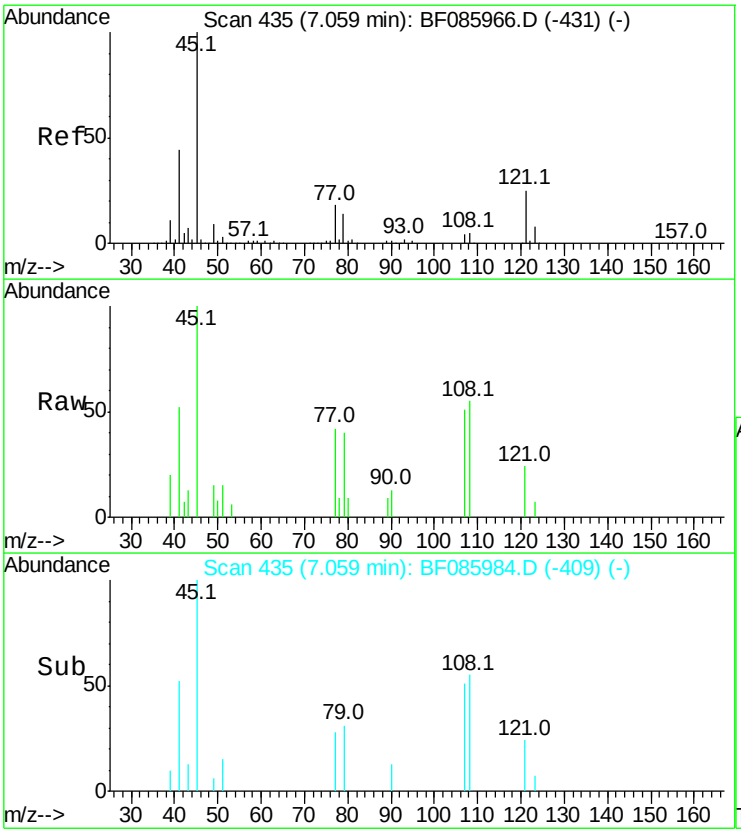
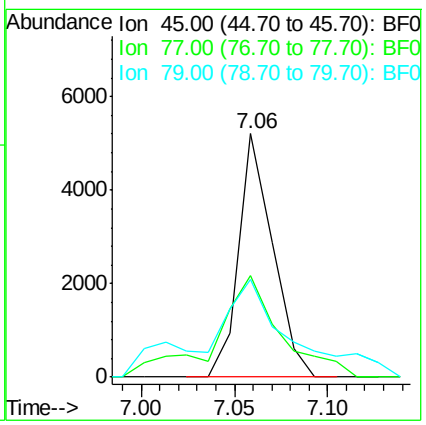


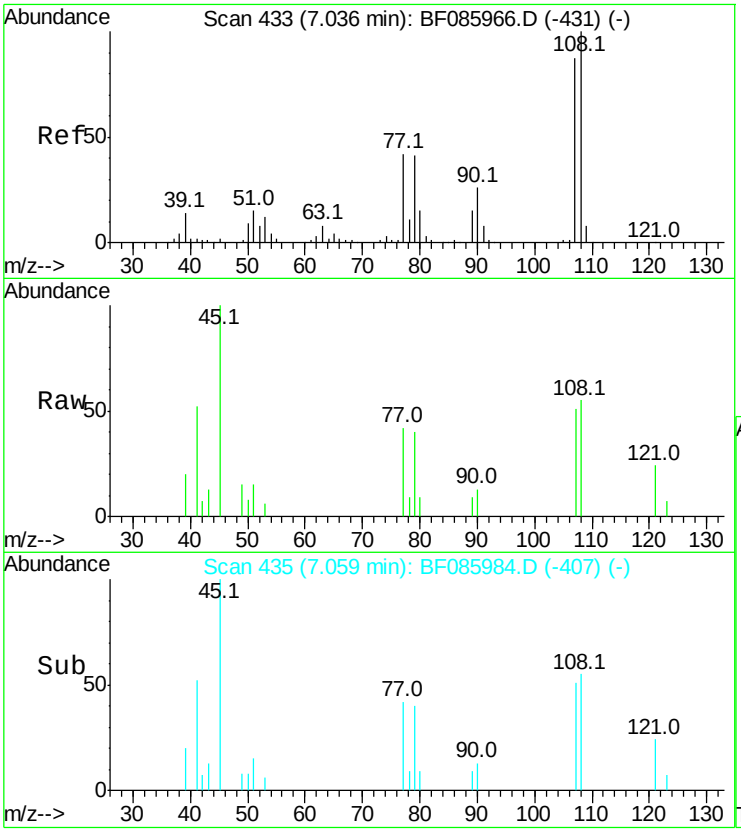


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.77 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 45 Resp: 6616

Ion	Ratio	Lower	Upper
45	100		
77	41.7	0.0	35.7#
79	40.3	0.0	32.2#

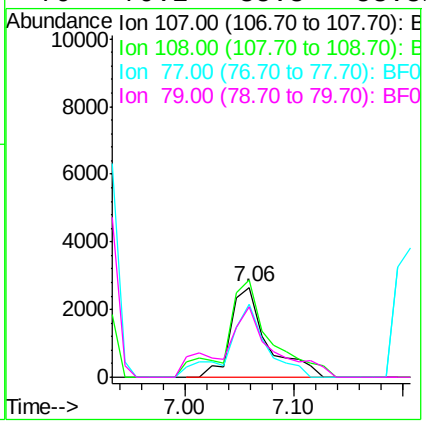




#17
2-Methylphenol
Concen: 1.05 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:107 Resp: 6081

Ion	Ratio	Lower	Upper
107	100		
108	108.7	91.4	137.0
77	81.9	36.2	54.2#
79	79.2	35.8	53.8#



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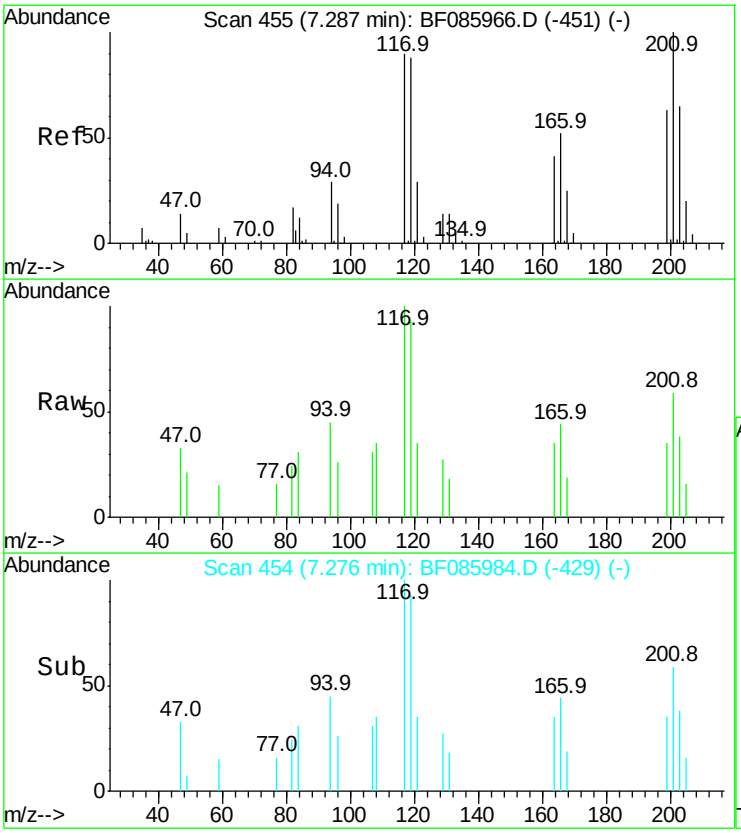
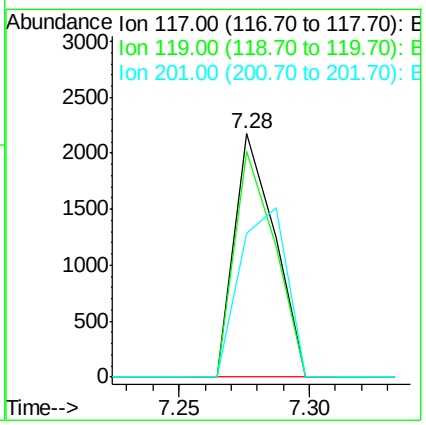
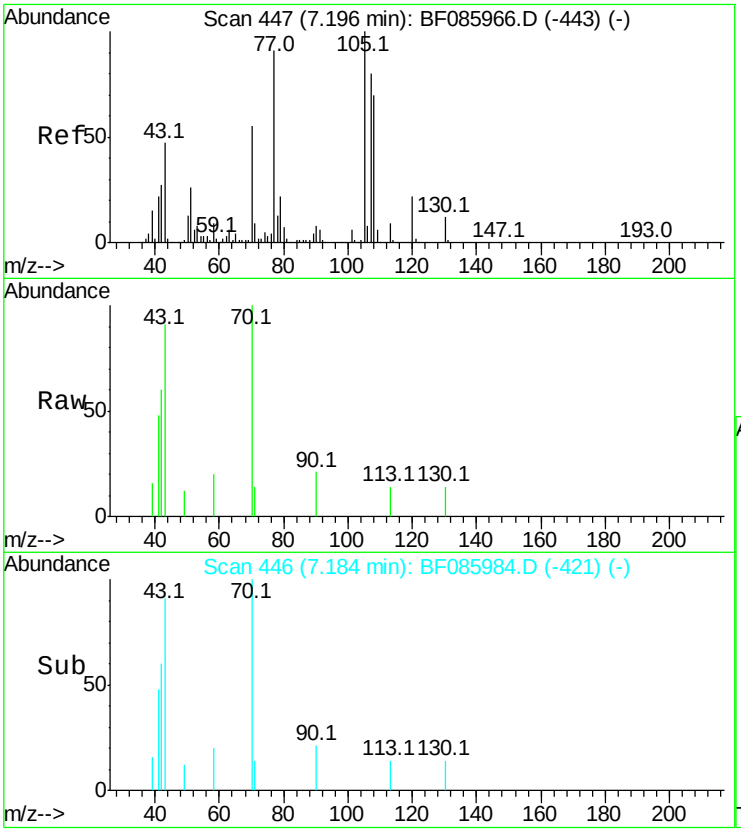


#18
Hexachloroethane
Concen: 0.80 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:117 Resp: 2354

Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.7	115.1
201	59.2	83.3	124.9#

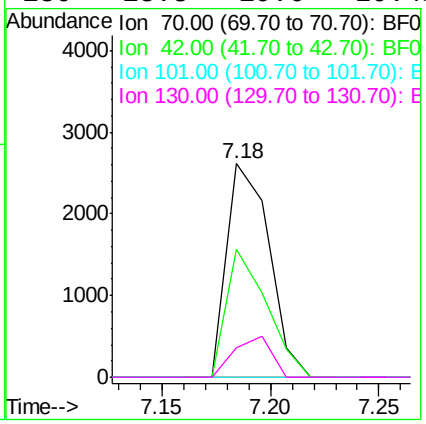




#19
n-Nitroso-di-n-propylamine
Concen: 0.73 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 70 Resp: 3528

Ion	Ratio	Lower	Upper
70	100		
42	60.2	37.1	55.7#
101	0.0	8.6	12.8#
130	13.8	19.6	29.4#



Instrument :
BNA_F
ClientSampleId :
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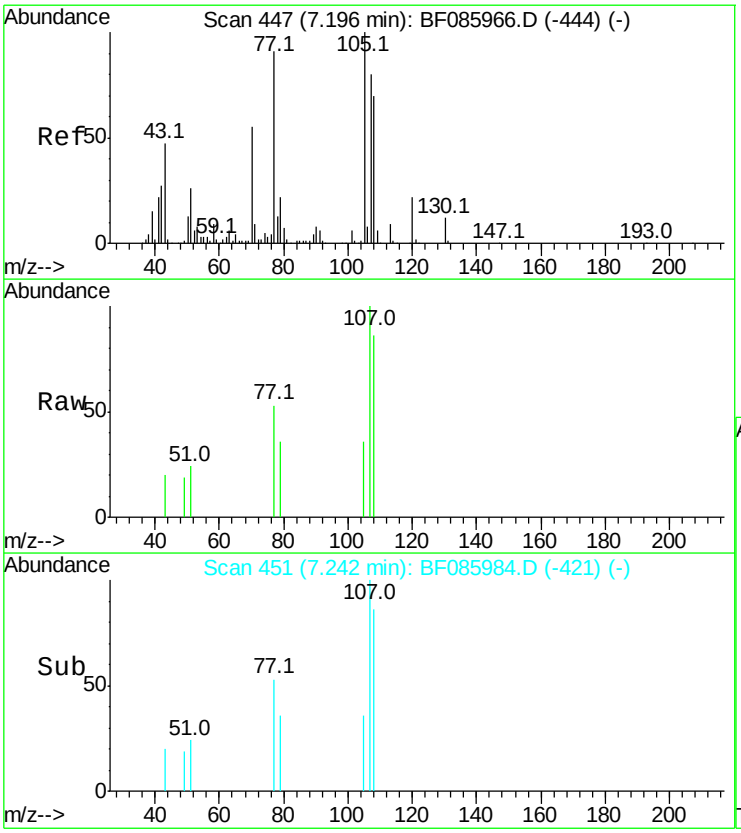
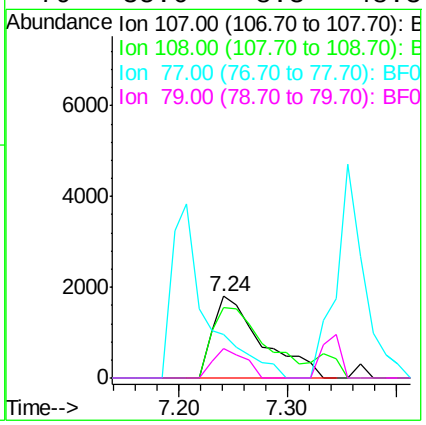
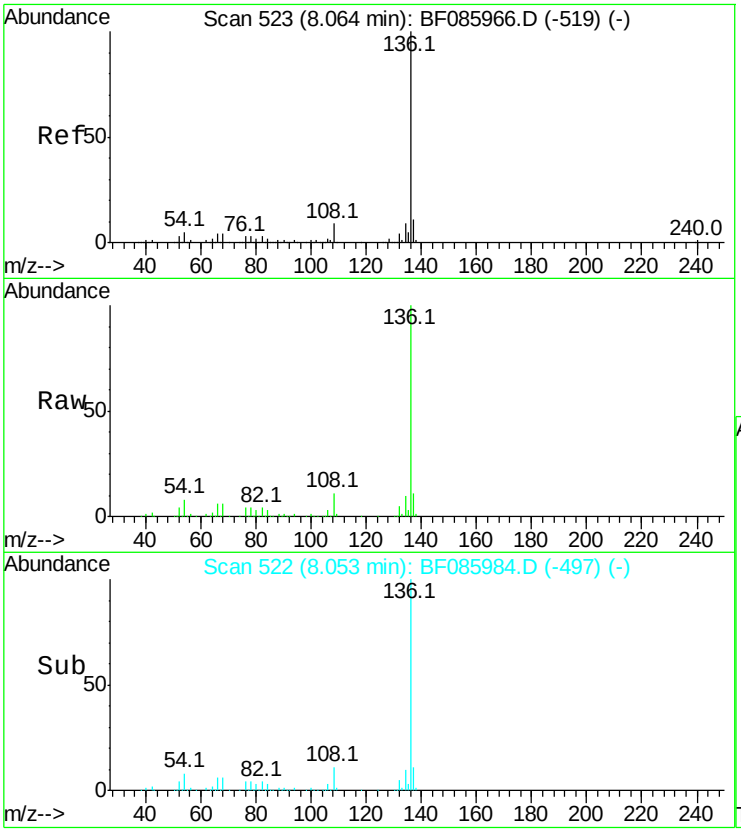


#20
3+4-Methylphenols
Concen: 0.80 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.05 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:107 Resp: 5645

Ion	Ratio	Lower	Upper
107	100		
108	85.6	69.3	109.3
77	52.8	101.7	141.7#
79	35.6	8.3	48.3

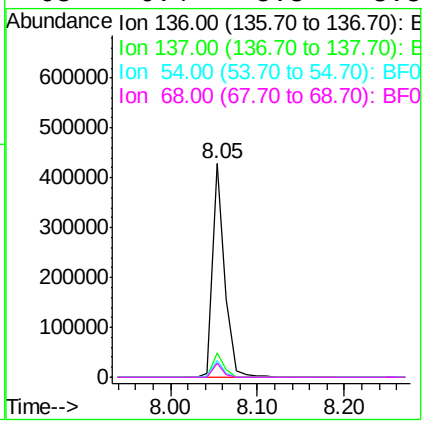




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:136 Resp: 422605

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.7	7.4	11.0
68	6.4	5.8	8.8



Instrument :
BNA_F
ClientSampleId :
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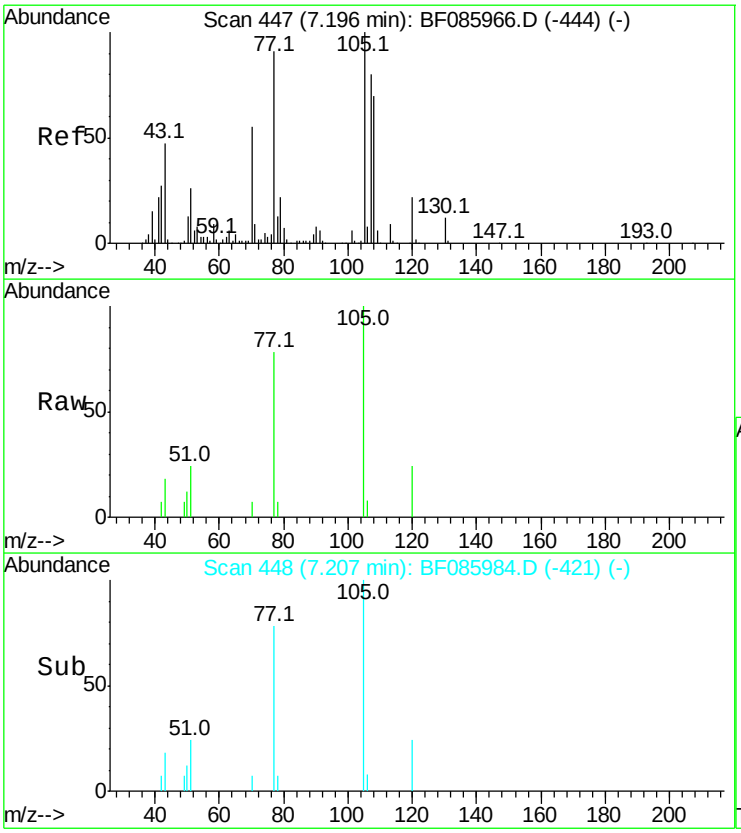
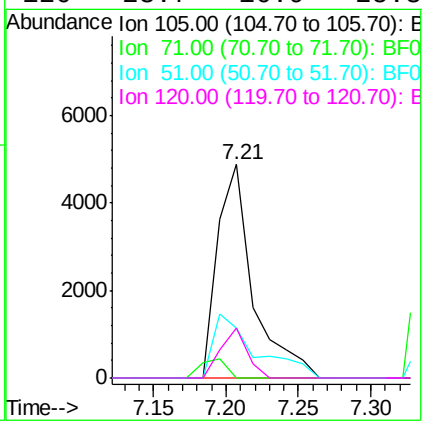
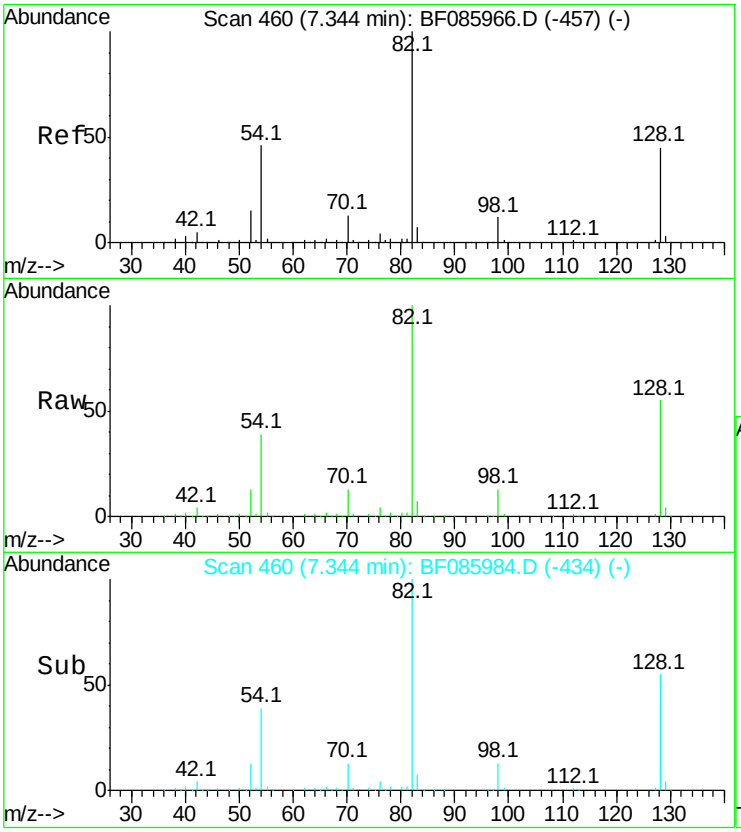


#22
Acetophenone
Concen: 0.83 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:105 Resp: 8265

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.6	5.4#
51	23.5	25.4	38.0#
120	23.7	16.9	25.3

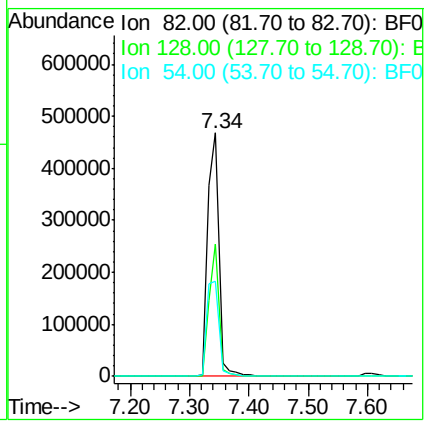




#23
Nitrobenzene-d5
Concen: 85.95 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 82 Resp: 615922

Ion	Ratio	Lower	Upper
82	100		
128	54.6	41.8	62.8
54	39.0	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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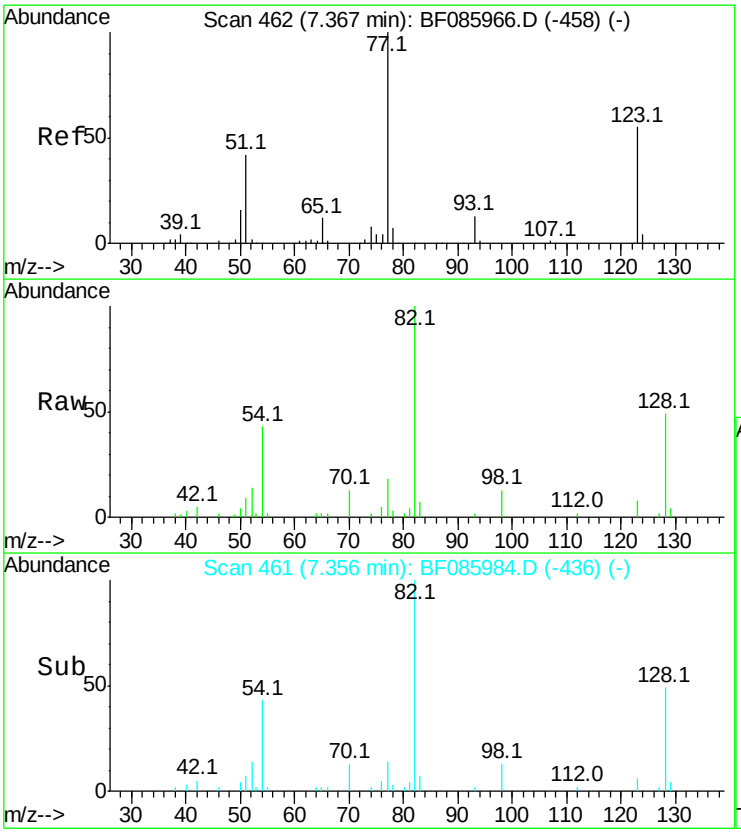
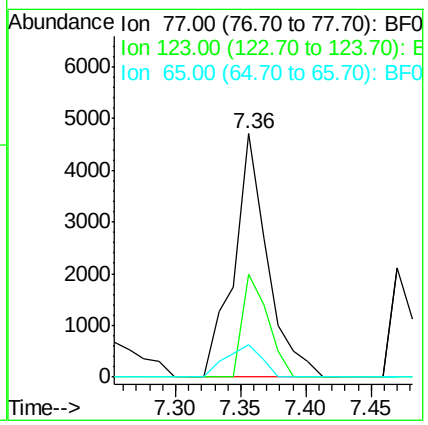
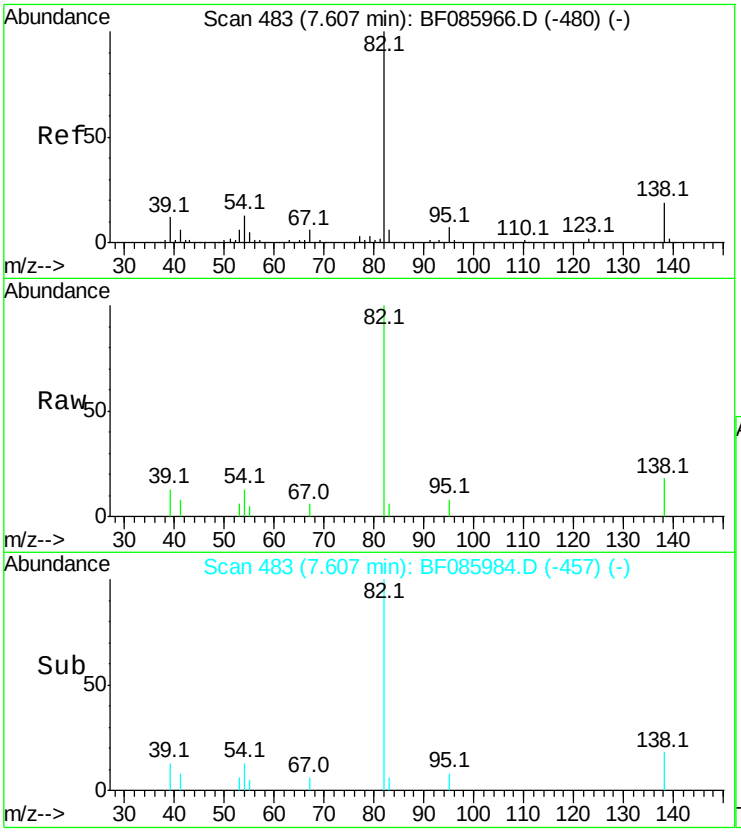


#24
Nitrobenzene
Concen: 1.07 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 77 Resp: 8374

Ion	Ratio	Lower	Upper
77	100		
123	42.4	35.0	52.4
65	13.5	10.6	16.0

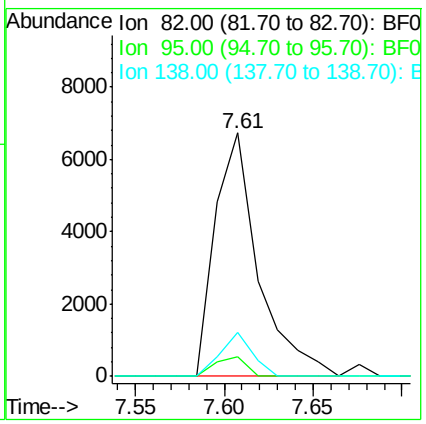




#25
Isophorone
Concen: 0.80 ng m
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 82 Resp: 11378

Ion	Ratio	Lower	Upper
82	100		
95	8.1	5.4	8.2
138	17.8	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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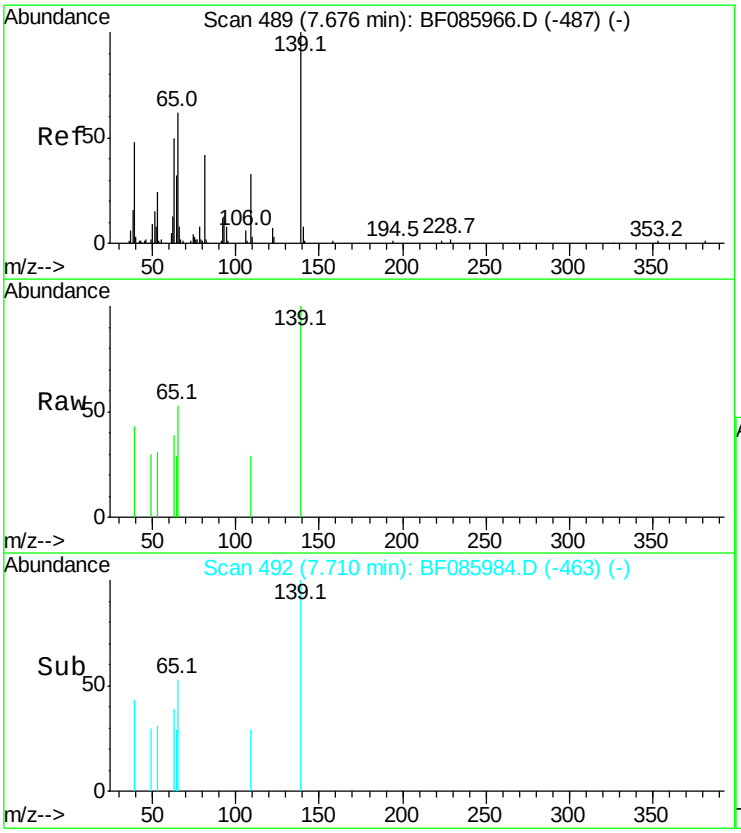
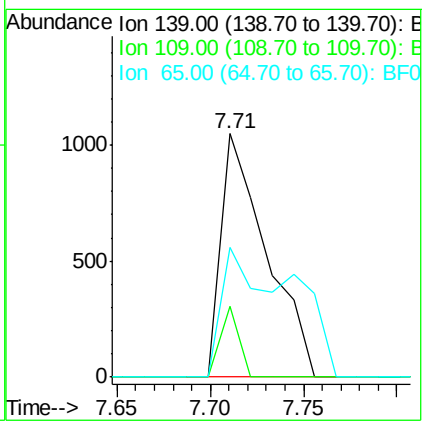
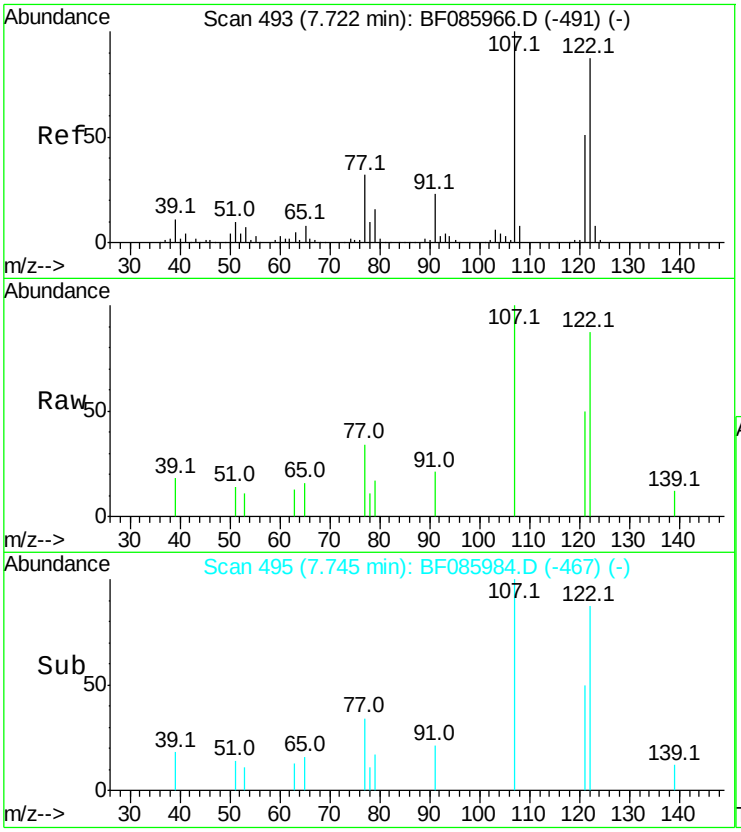


#26
2-Nitrophenol
Concen: 0.48 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.03 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:139 Resp: 1783

Ion	Ratio	Lower	Upper
139	100		
109	29.0	22.1	33.1
65	53.3	33.9	50.9#

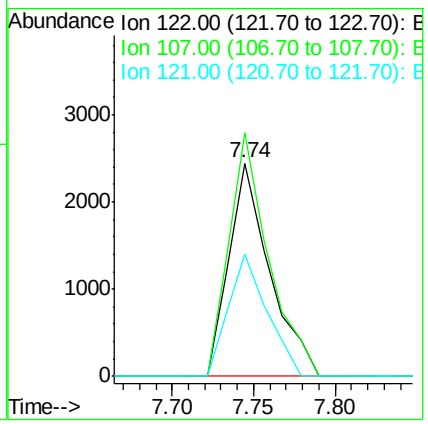




#27
2,4-Dimethylphenol
Concen: 0.62 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:122 Resp: 4206

Ion	Ratio	Lower	Upper
122	100		
107	114.3	93.0	139.6
121	57.2	45.9	68.9



Instrument :
BNA_F
ClientSampleId :
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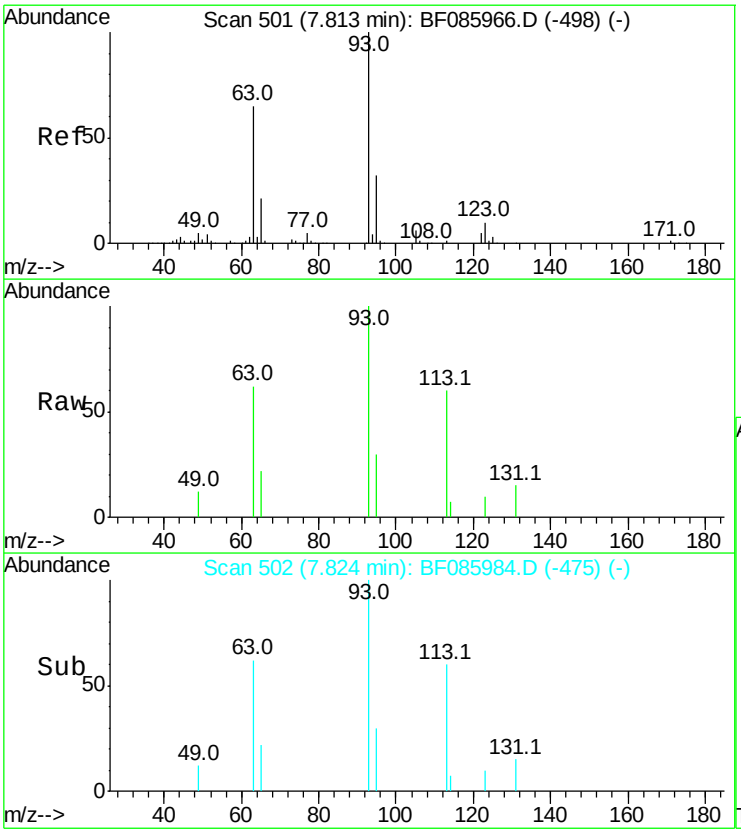
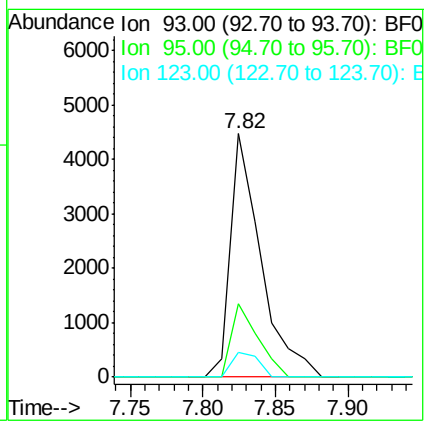
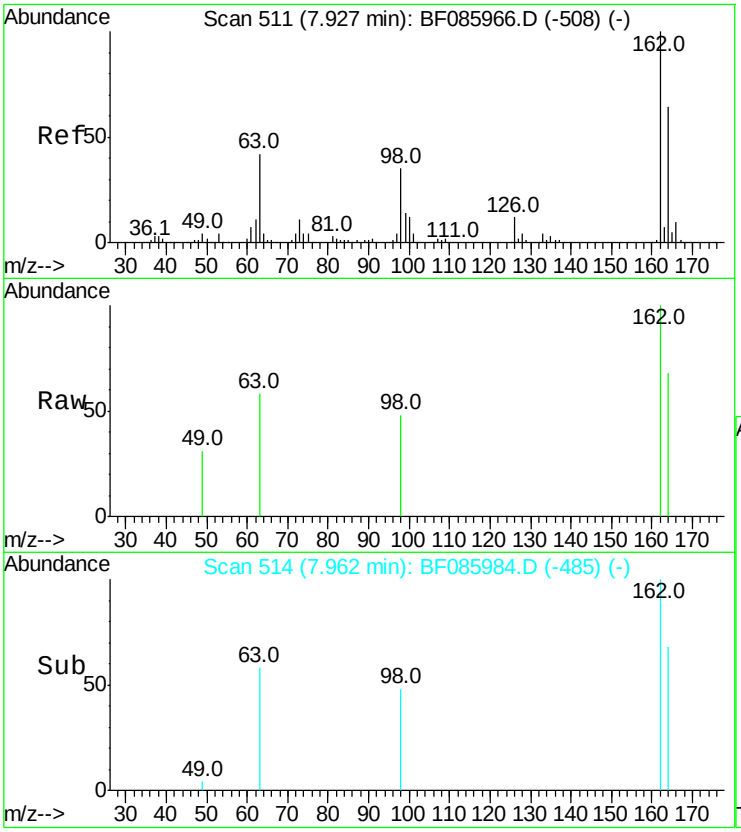


#28
bis(2-Chloroethoxy)methane
Concen: 0.79 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 93 Resp: 6516

Ion	Ratio	Lower	Upper
93	100		
95	30.1	26.4	39.6
123	10.0	9.8	14.6

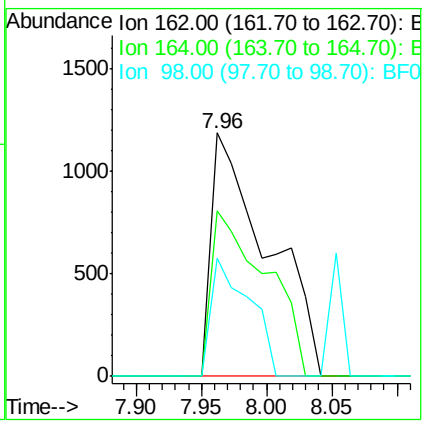




#29
2,4-Dichlorophenol
Concen: 0.63 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.03 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:162 Resp: 3574

Ion	Ratio	Lower	Upper
162	100		
164	68.0	43.7	83.7
98	48.3	20.4	60.4



Instrument :
BNA_F
ClientSampleId :
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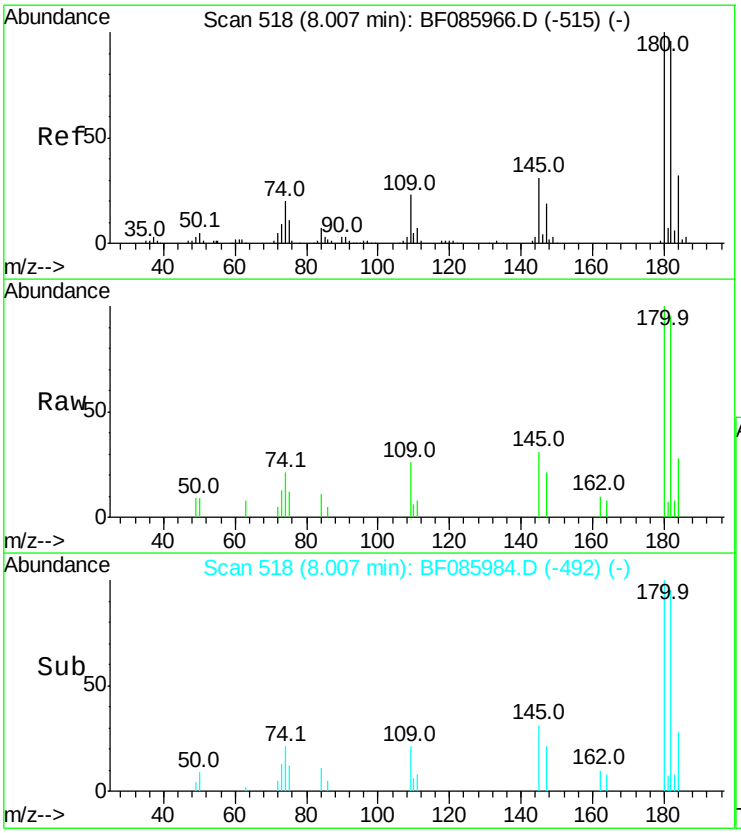
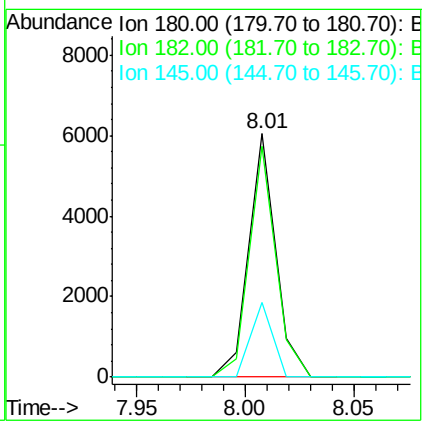
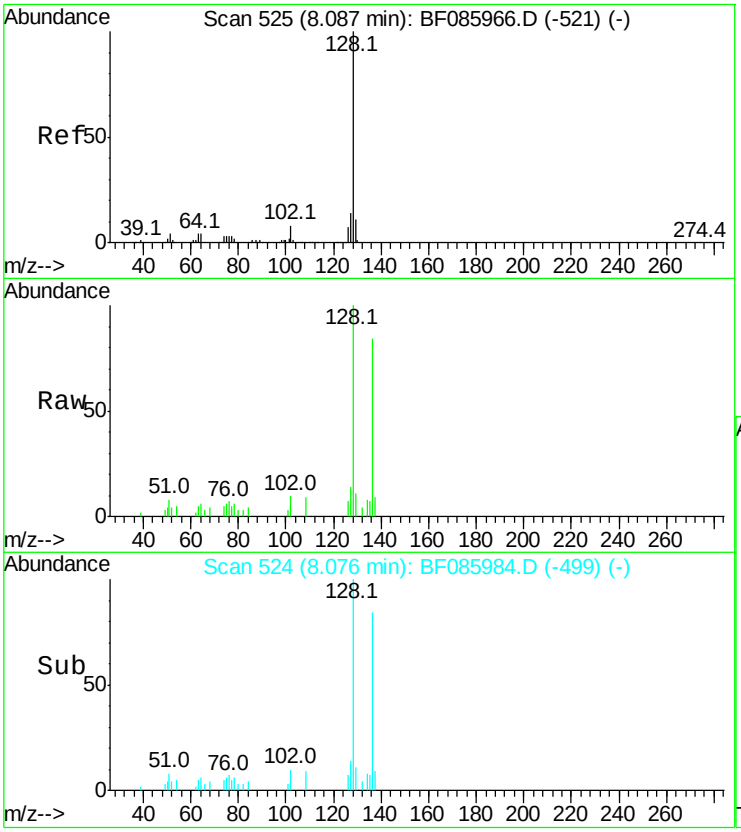


#30
1,2,4-Trichlorobenzene
Concen: 0.82 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:180 Resp: 5252

Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	30.8	28.4	42.6

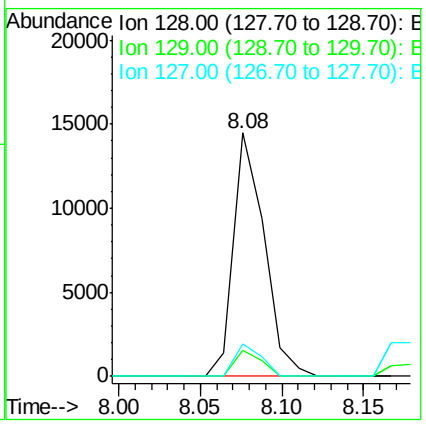




#31
Naphthalene
Concen: 0.88 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:128 Resp: 18773

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.0
127	13.6	11.0	16.6



Instrument :
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ClientSampleId :
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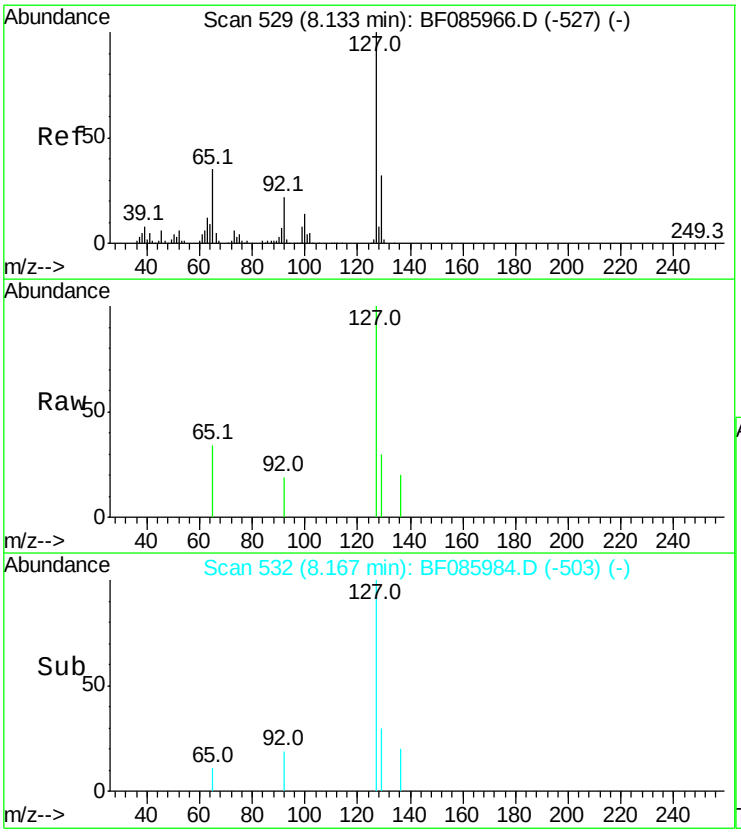
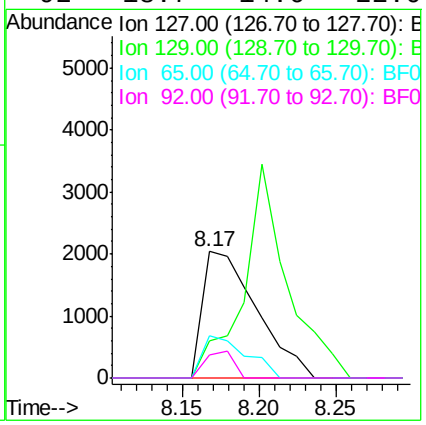
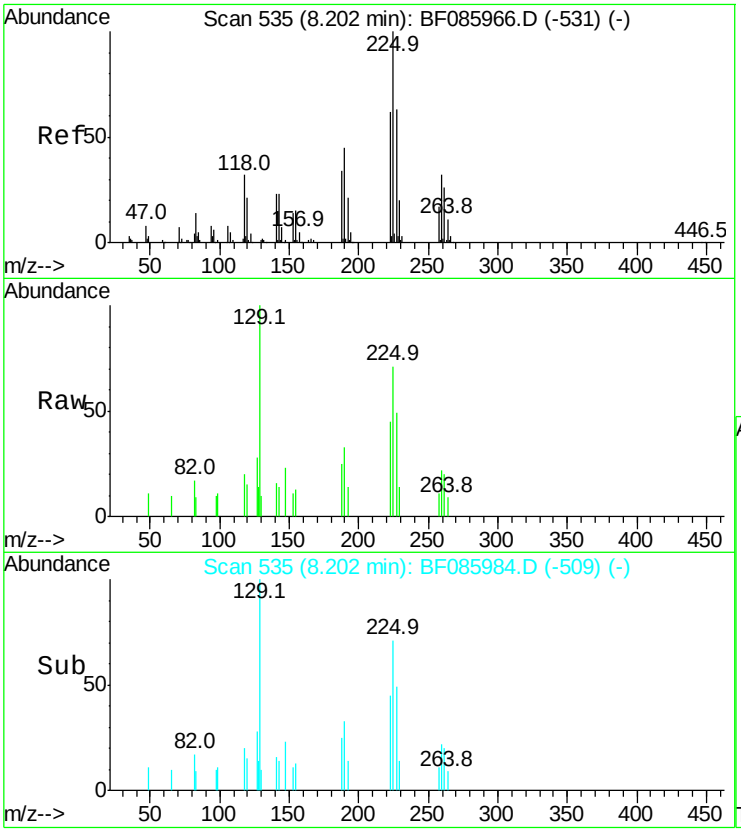


#33
4-Chloroaniline
Concen: 0.58 ng m
RT: 8.17 min Scan# 532
Delta R.T. 0.03 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:127 Resp: 5003

Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.1	39.1
65	33.9	19.5	29.3#
92	18.7	14.6	22.0

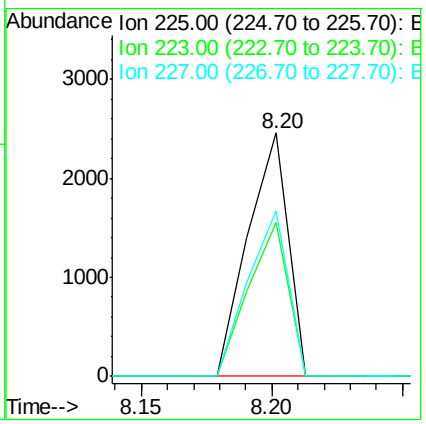




#34
Hexachlorobutadiene
Concen: 0.77 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:225 Resp: 2648

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	68.2	51.4	77.2



Instrument :
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ClientSampleId :
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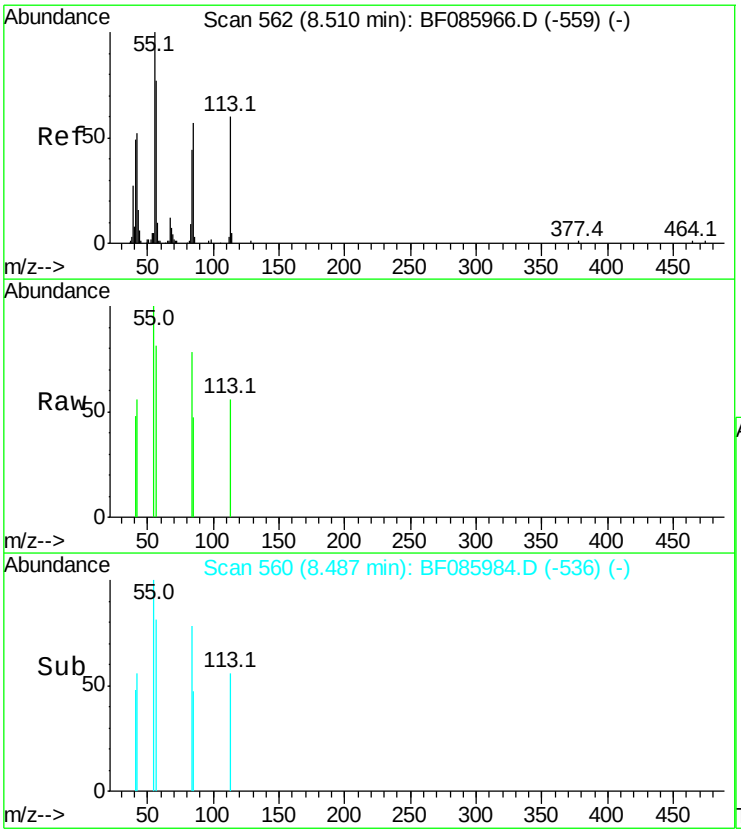
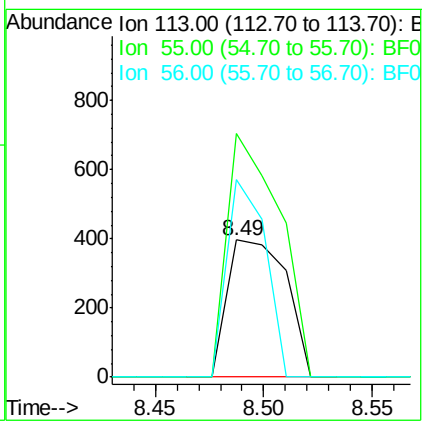
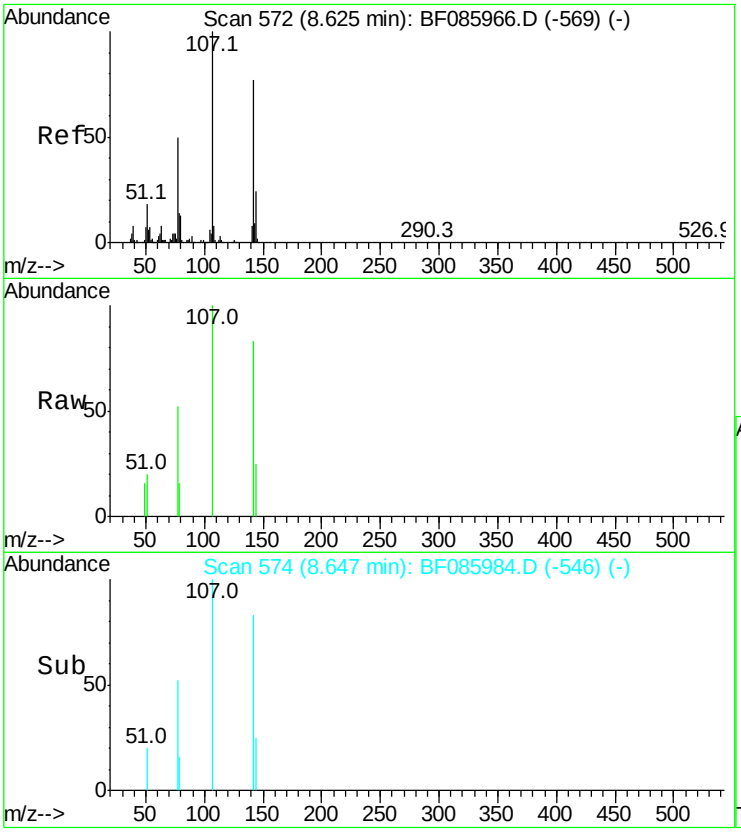


#35
Caprolactam
Concen: 0.41 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:113 Resp: 744

Ion	Ratio	Lower	Upper
113	100		
55	177.8	139.4	179.4
56	144.4	100.4	140.4#

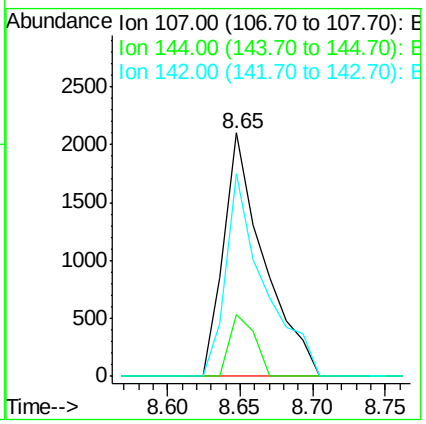




#36
4-Chloro-3-methylphenol
Concen: 0.63 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:107 Resp: 4049

Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.3	28.9
142	83.3	61.4	92.0



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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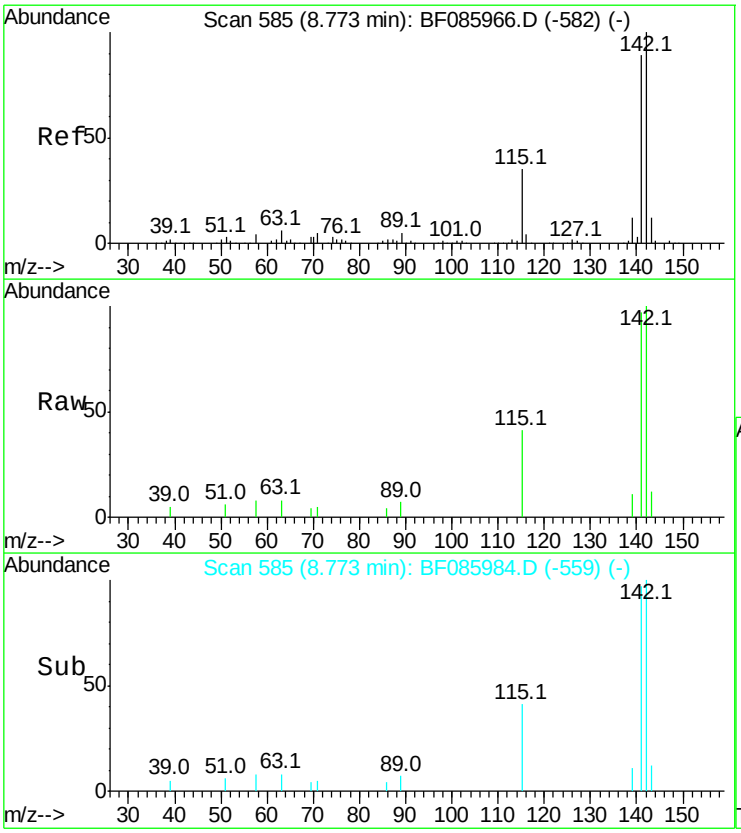
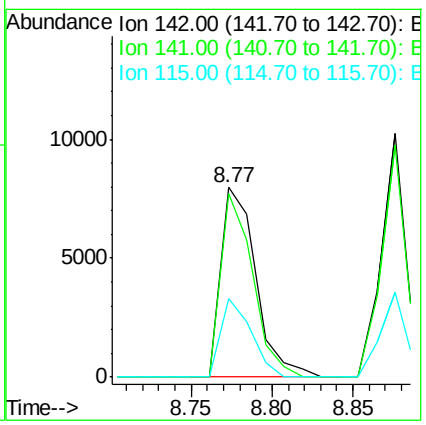
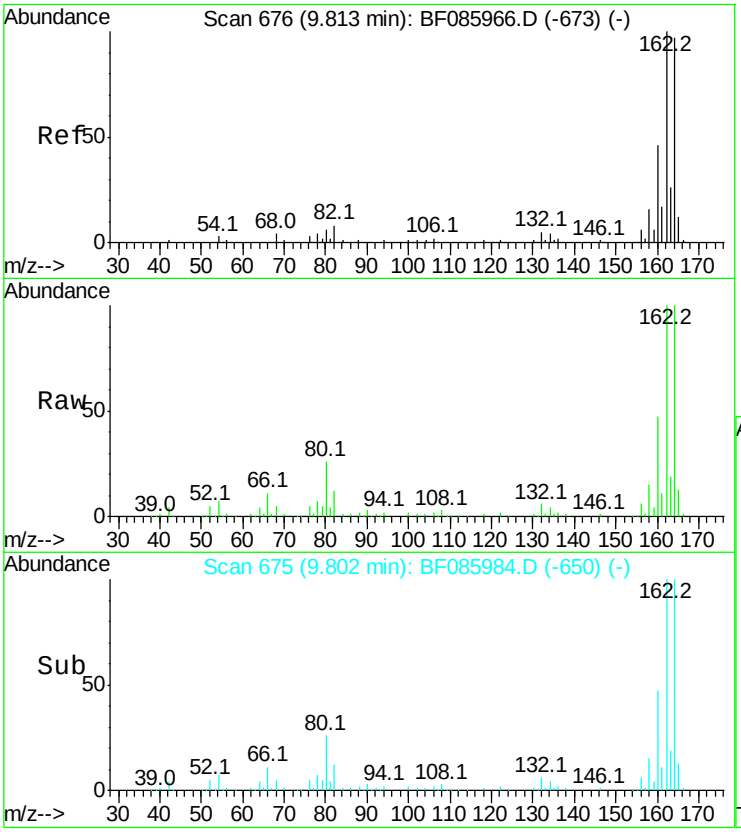


#37
2-Methylnaphthalene
Concen: 0.86 ng m
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:142 Resp: 11924

Ion	Ratio	Lower	Upper
142	100		
141	96.9	71.6	107.4
115	41.5	26.8	40.2#

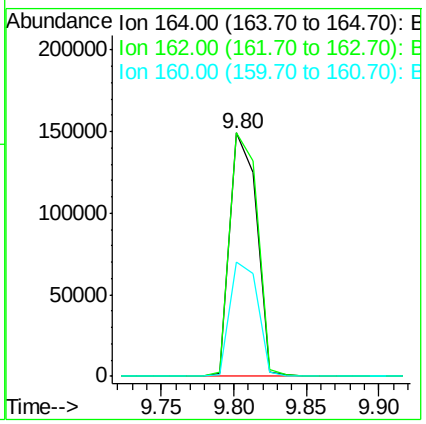




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:164 Resp: 192544

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.1	123.1
160	46.7	37.4	56.2



Instrument :
BNA_F
ClientSampleId :
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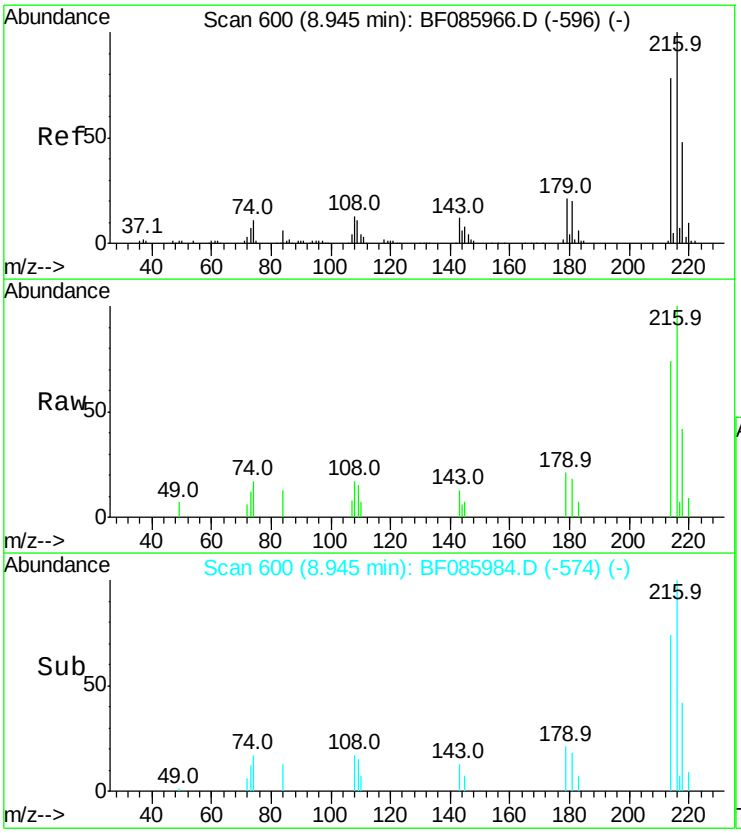
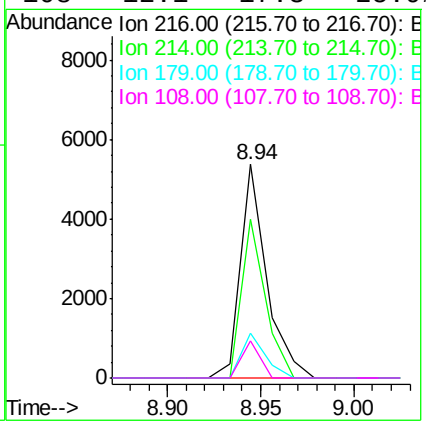
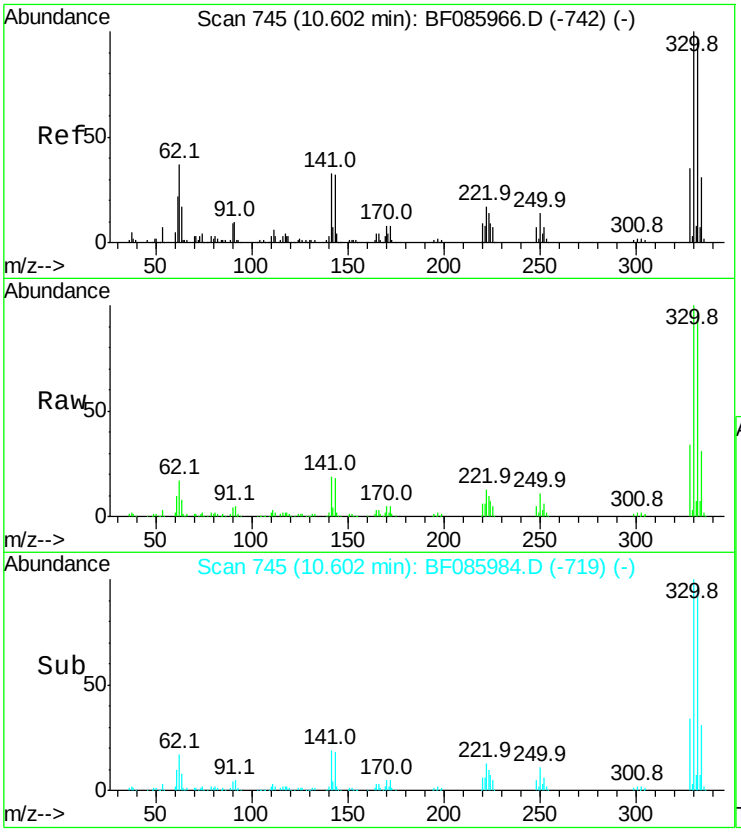


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.91 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:216 Resp: 5257

Ion	Ratio	Lower	Upper
216	100		
214	66.7	63.1	94.7
179	19.2	18.2	27.2
108	12.1	17.3	25.9#

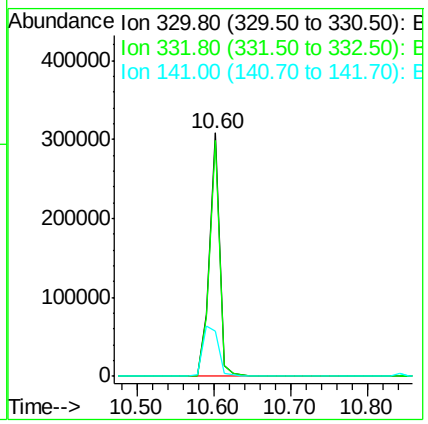




#41
2,4,6-Tribromophenol
Concen: 156.63 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:330 Resp: 283059

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	31.8	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
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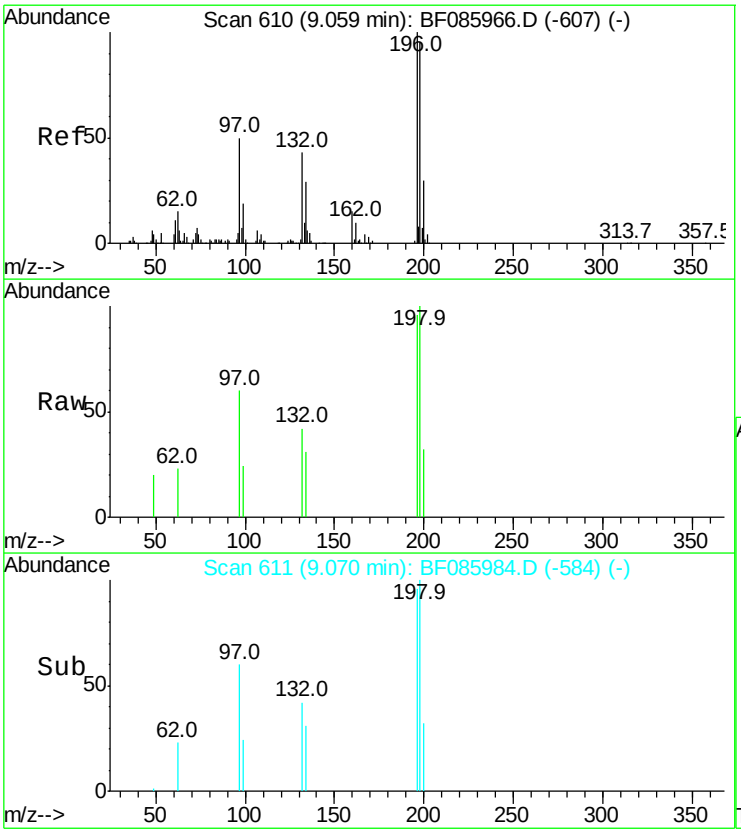
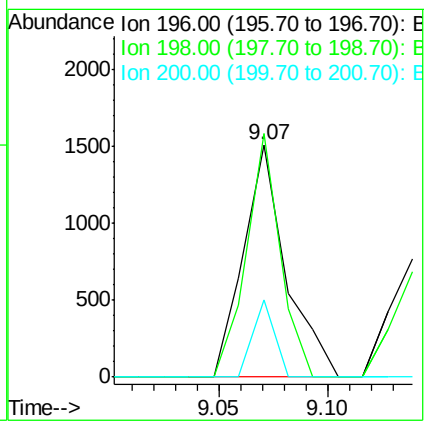
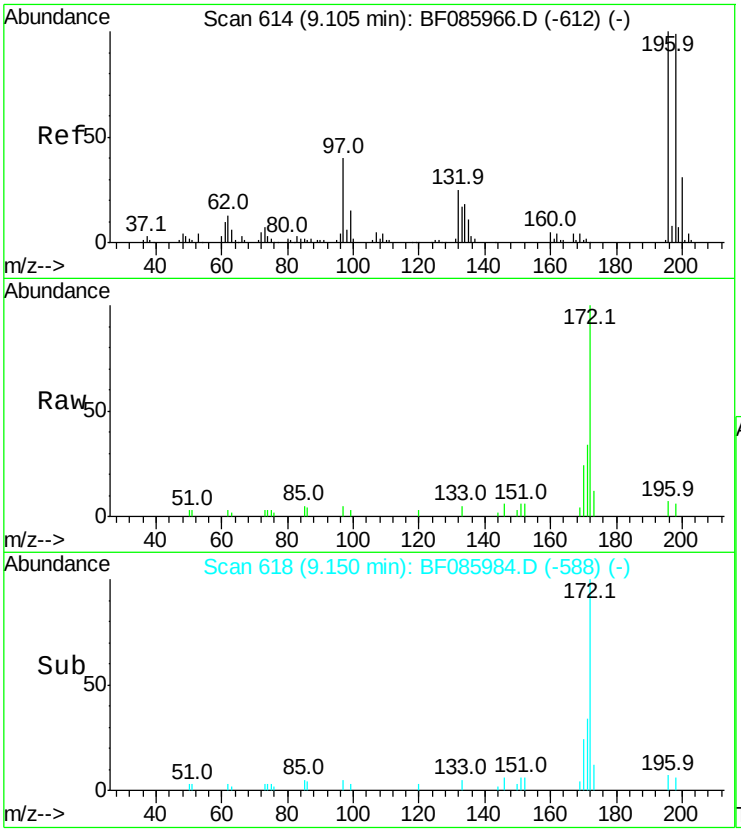


#42
2,4,6-Trichlorophenol
Concen: 0.56 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:196 Resp: 2066

Ion	Ratio	Lower	Upper
196	100		
198	104.7	75.3	112.9
200	33.1	23.7	35.5

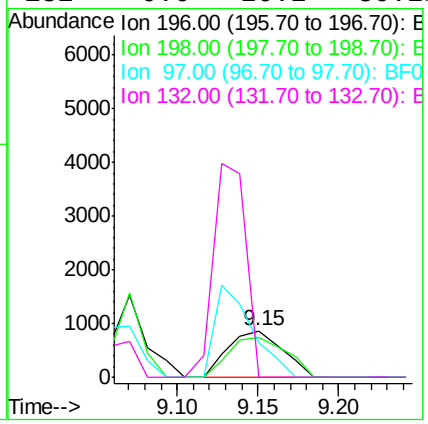




#43
2,4,5-Trichlorophenol
Concen: 0.54 ng m
RT: 9.15 min Scan# 618
Delta R.T. 0.05 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:196 Resp: 2039

Ion	Ratio	Lower	Upper
196	100		
198	86.6	76.6	114.8
97	74.9	30.5	45.7#
132	0.0	20.2	30.2#



Instrument :
BNA_F
ClientSampleId :
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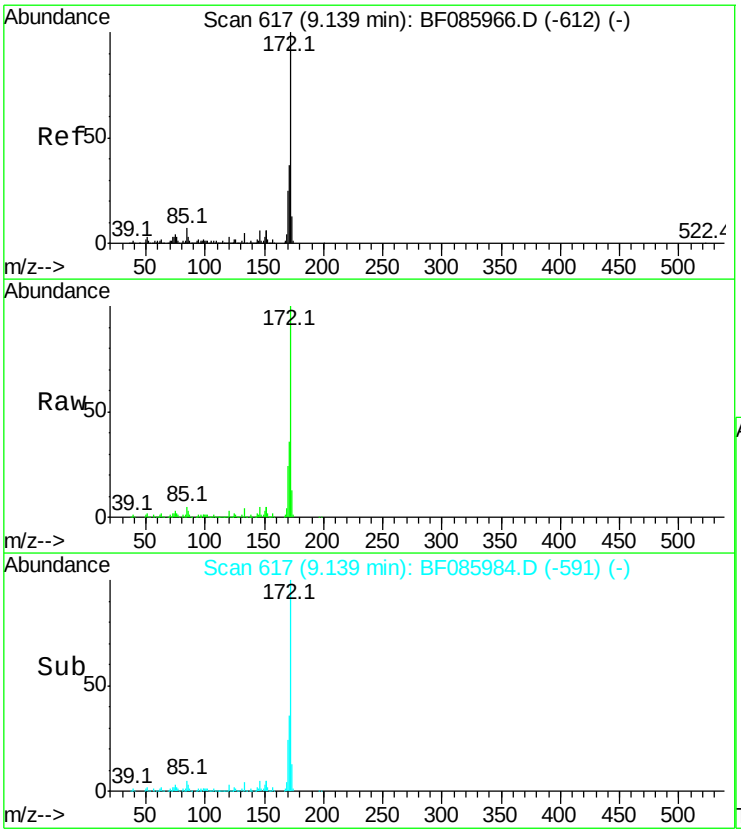
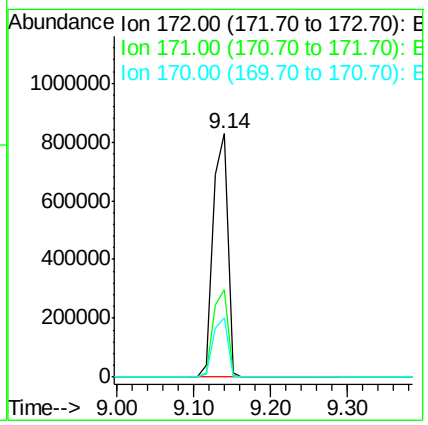
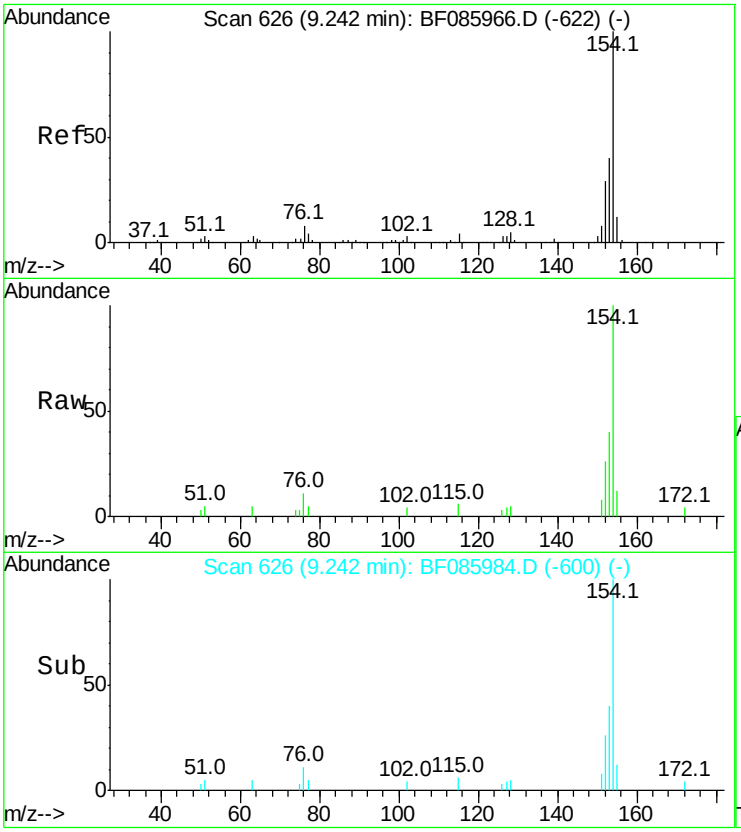


#44
2-Fluorobiphenyl
Concen: 93.85 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:172 Resp: 1086759

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	19.8	29.6

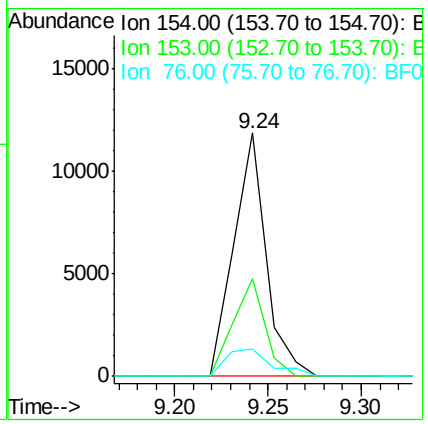




#45
1,1'-Biphenyl
Concen: 0.86 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:154 Resp: 14315

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	11.2	0.0	36.7



Instrument :
BNA_F
ClientSampleId :
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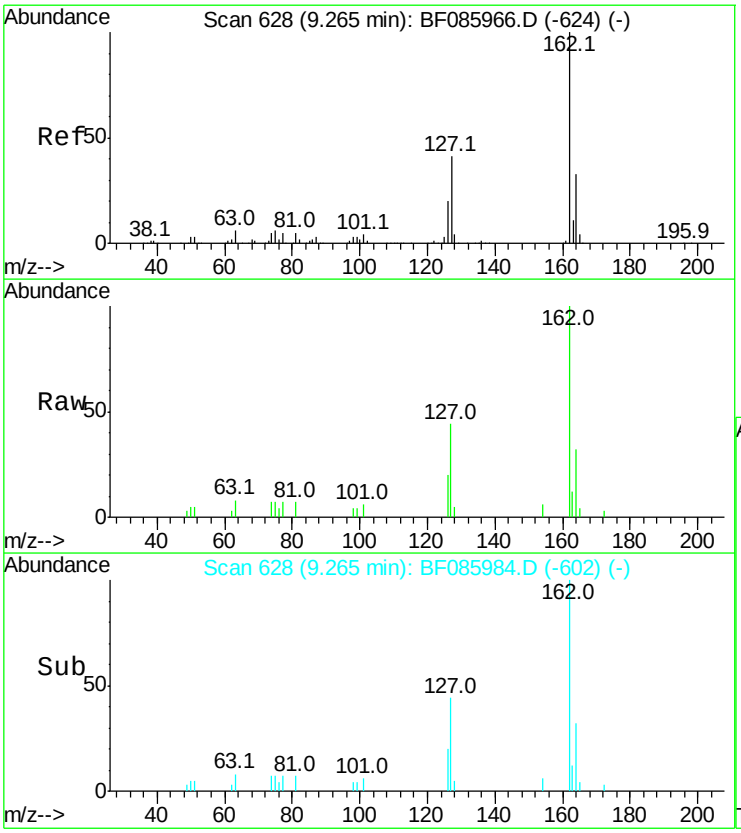
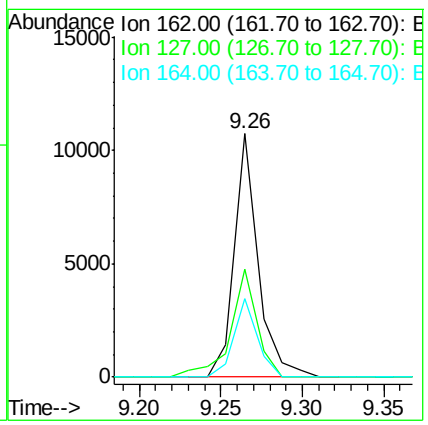
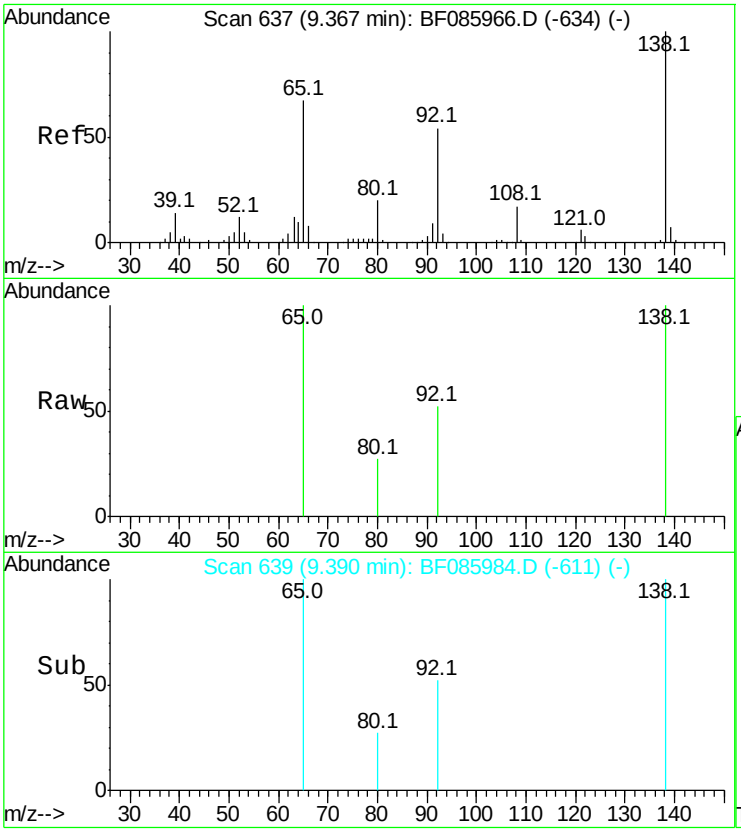


#46
2-Chloronaphthalene
Concen: 0.90 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:162 Resp: 10786

Ion	Ratio	Lower	Upper
162	100		
127	44.3	31.7	47.5
164	32.3	27.3	40.9

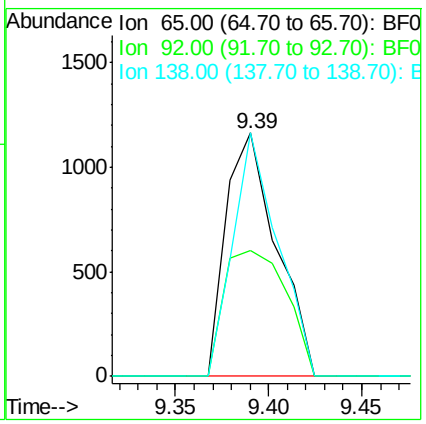




#47
2-Nitroaniline
Concen: 0.62 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 65 Resp: 2190

Ion	Ratio	Lower	Upper
65	100		
92	51.5	59.7	89.5#
138	99.8	91.4	137.0



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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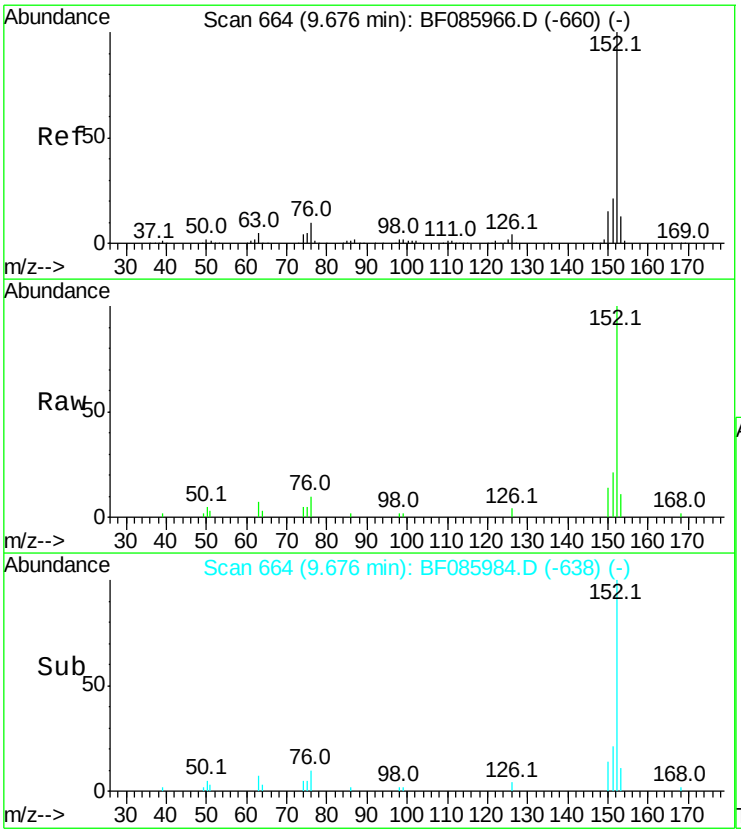
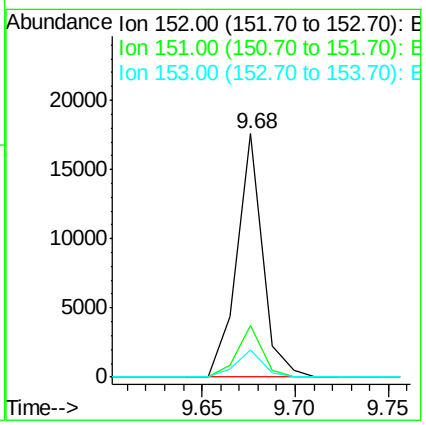
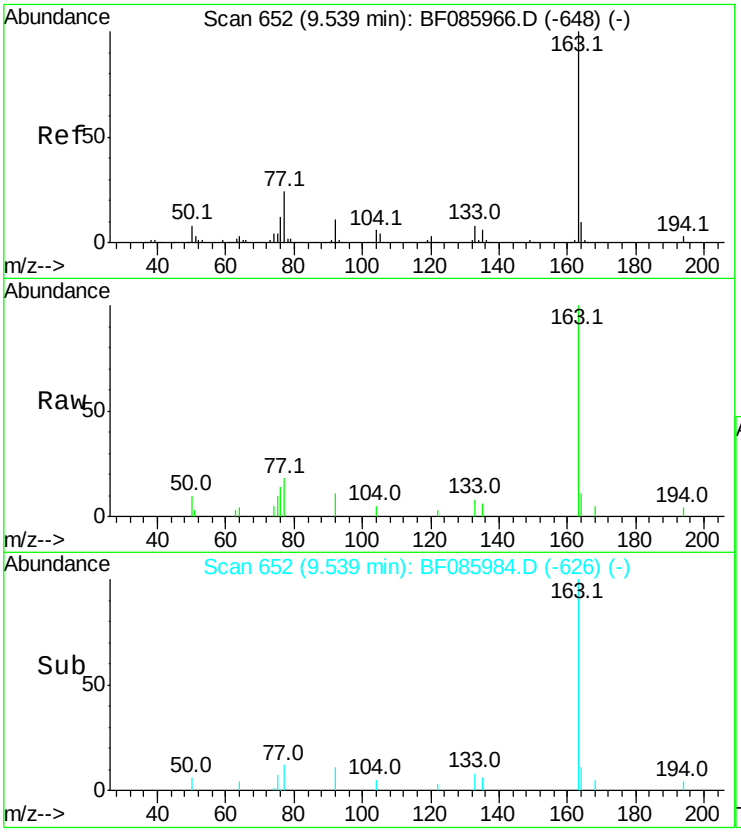


#48
Acenaphthylene
Concen: 0.88 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:152 Resp: 16955

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	11.5	10.9	16.3

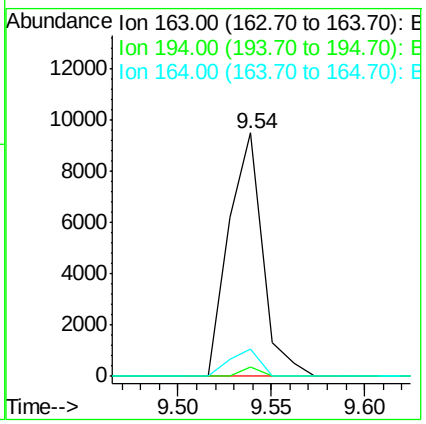




#49
Dimethylphthalate
Concen: 0.84 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:163 Resp: 12043

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	11.4	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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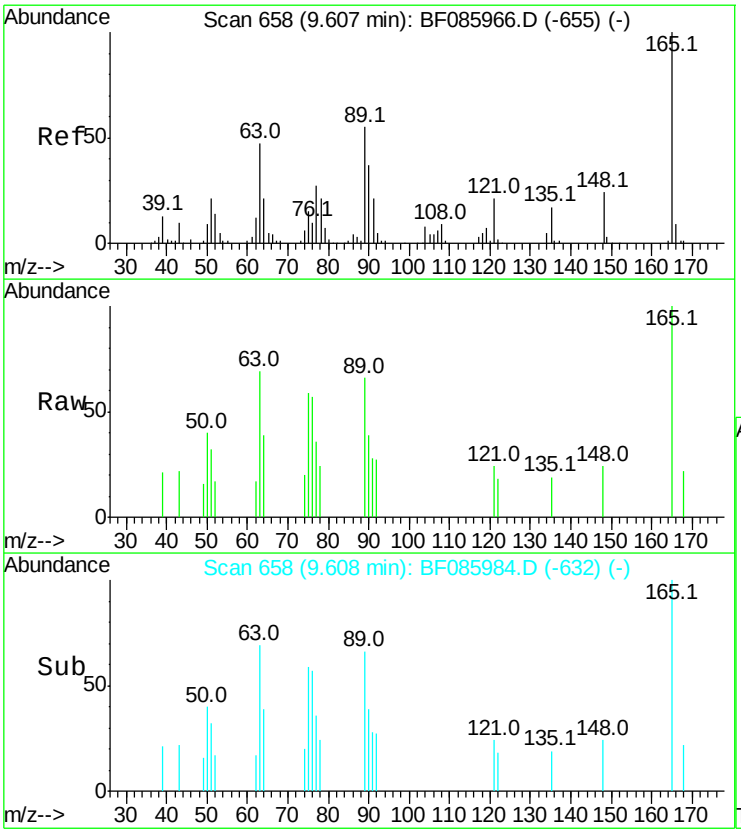
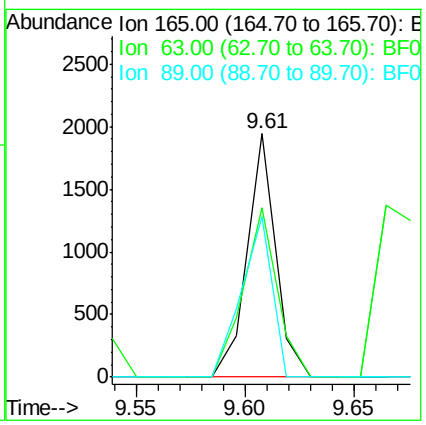
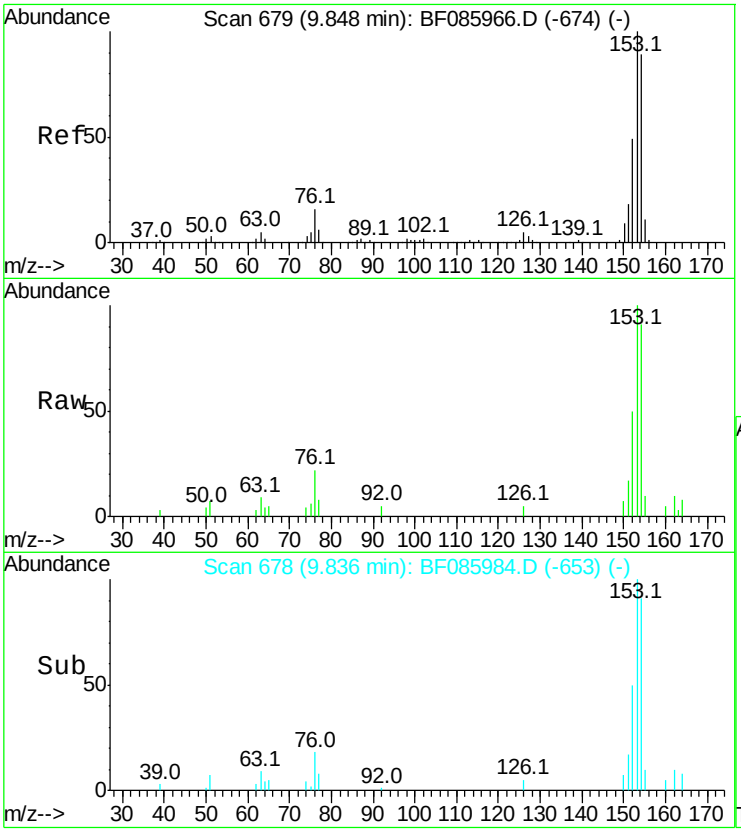


#50
2,6-Dinitrotoluene
Concen: 0.59 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:165 Resp: 1772

Ion	Ratio	Lower	Upper
165	100		
63	69.3	51.8	77.8
89	65.8	53.7	80.5

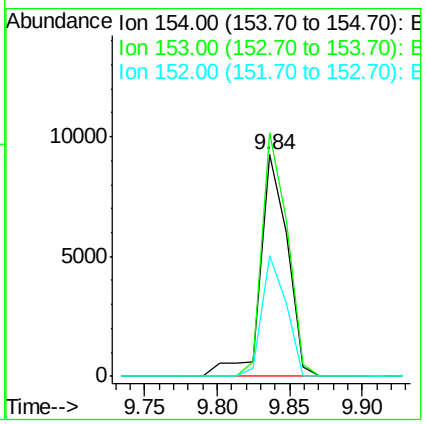




#51
Acenaphthene
Concen: 1.04 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:154 Resp: 11909

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.1	135.1
152	54.5	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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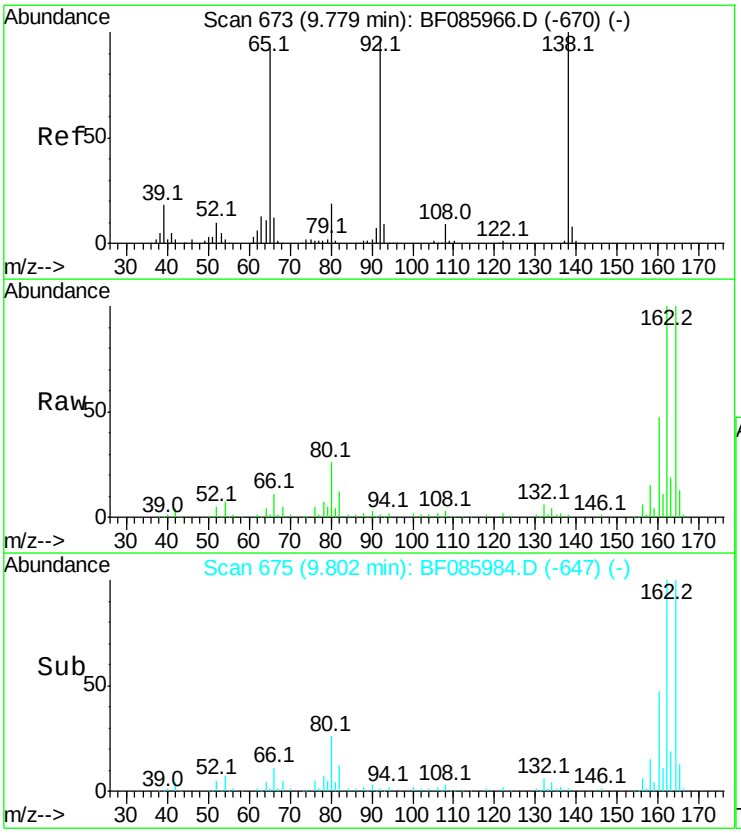
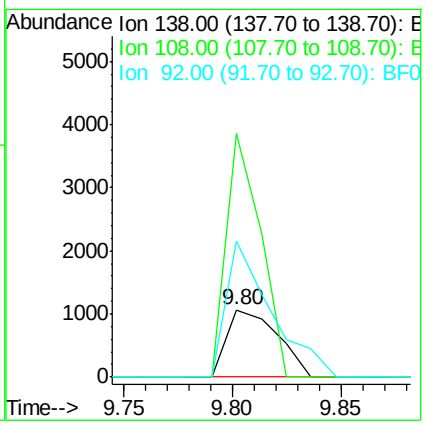
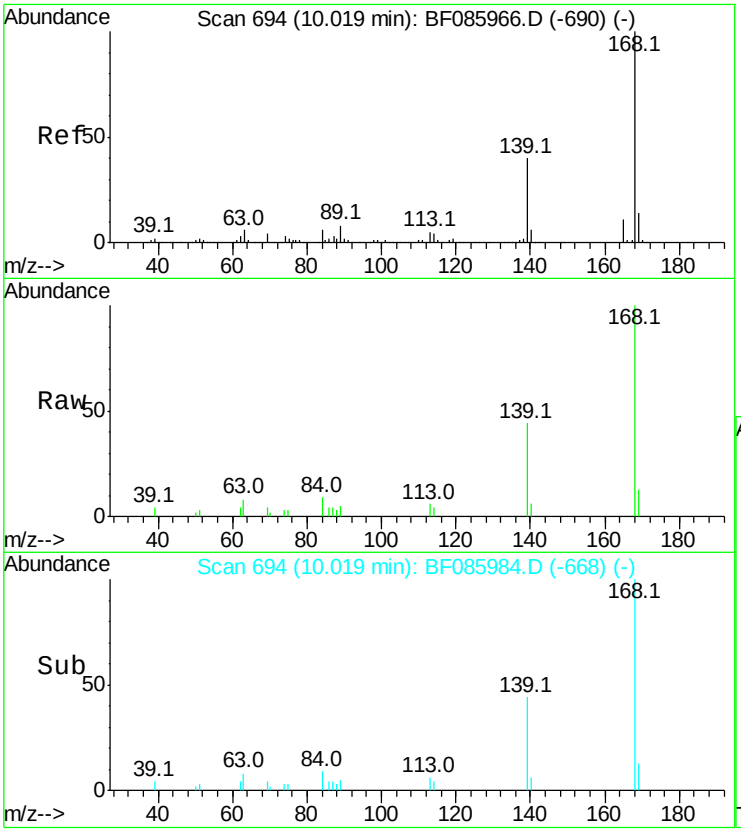


#52
3-Nitroaniline
Concen: 0.47 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:138 Resp: 1723

Ion	Ratio	Lower	Upper
138	100		
108	361.5	8.7	13.1#
92	201.5	93.3	139.9#

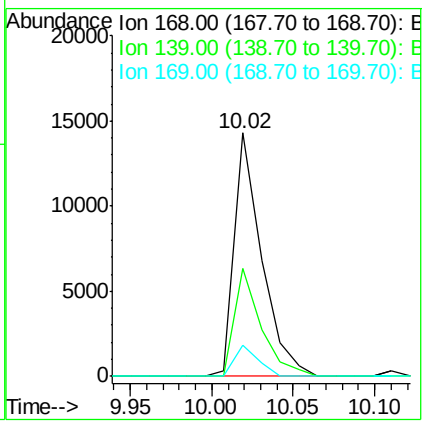




#54
Dibenzofuran
Concen: 1.09 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:168 Resp: 16478

Ion	Ratio	Lower	Upper
168	100		
139	44.4	31.9	47.9
169	12.7	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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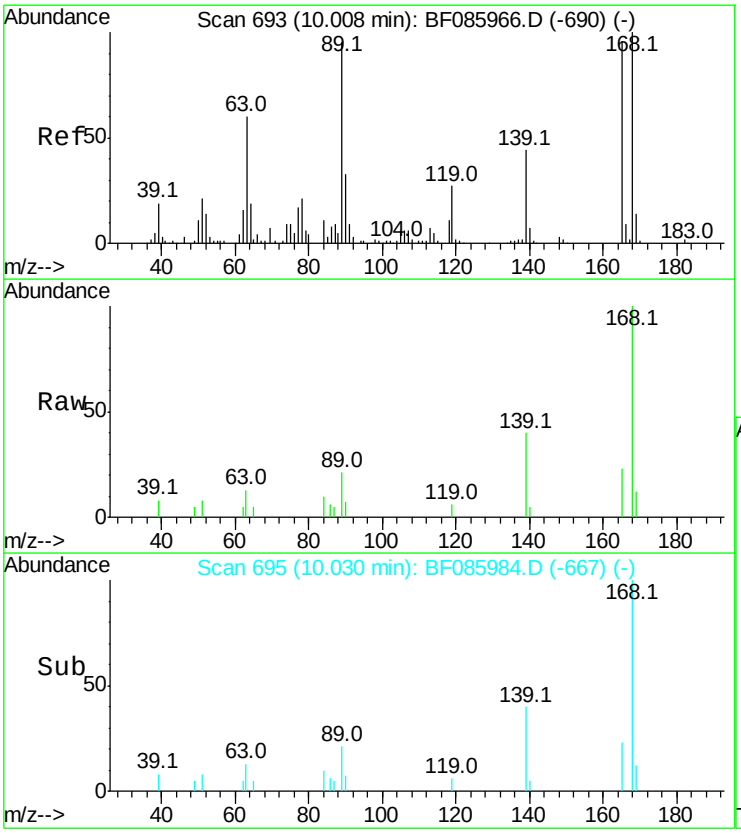
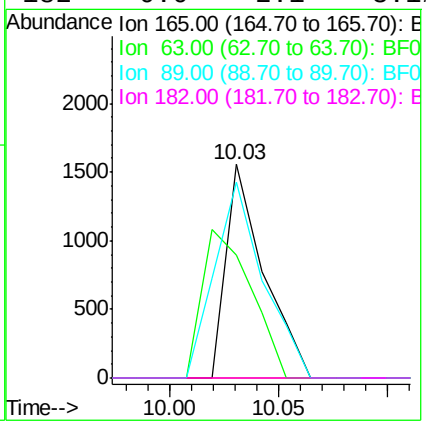
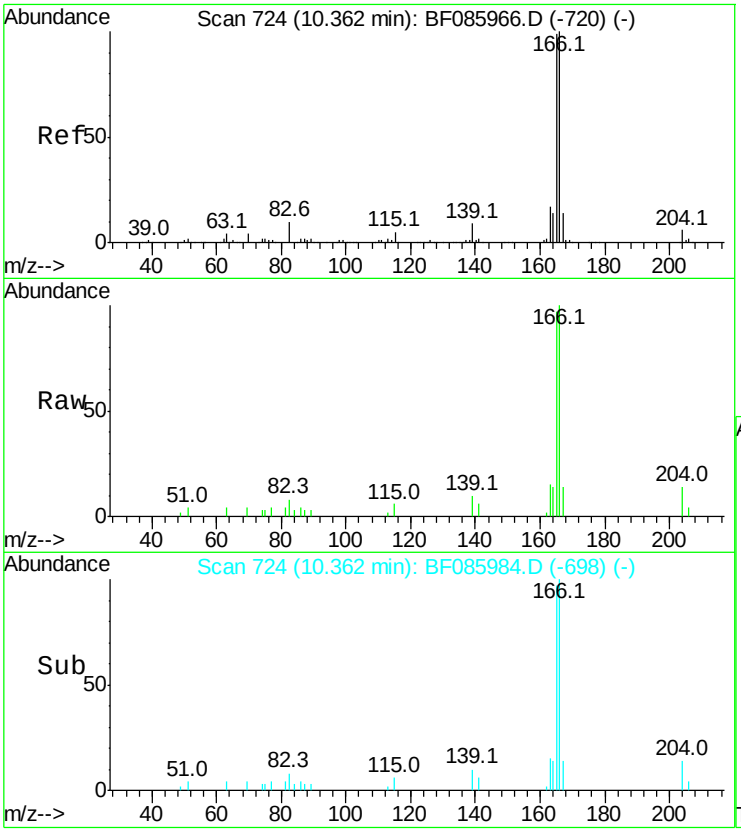


#56
2,4-Dinitrotoluene
Concen: 0.49 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:165 Resp: 1872

Ion	Ratio	Lower	Upper
165	100		
63	57.6	24.9	37.3#
89	92.0	41.0	61.6#
182	0.0	2.1	3.1#

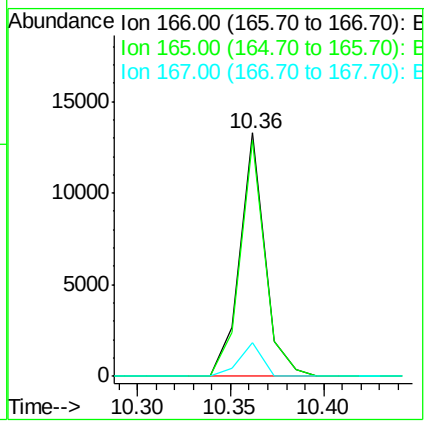




#57
Fluorene
Concen: 0.96 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:166 Resp: 12481

Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.4	119.0
167	14.0	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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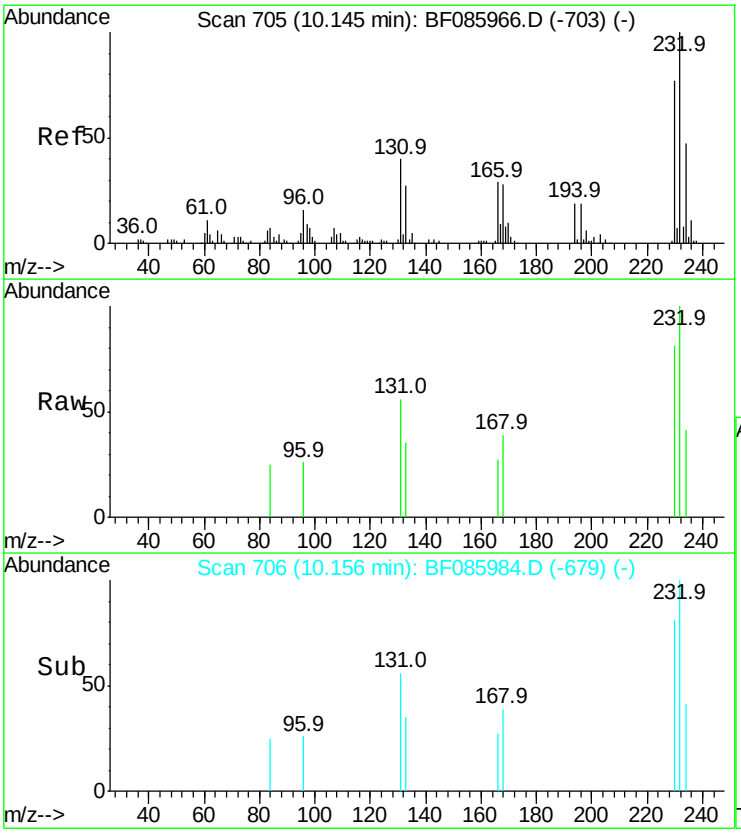
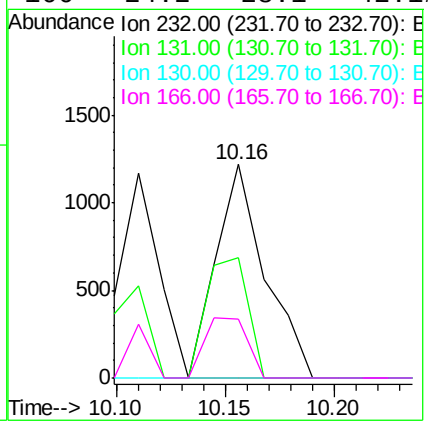
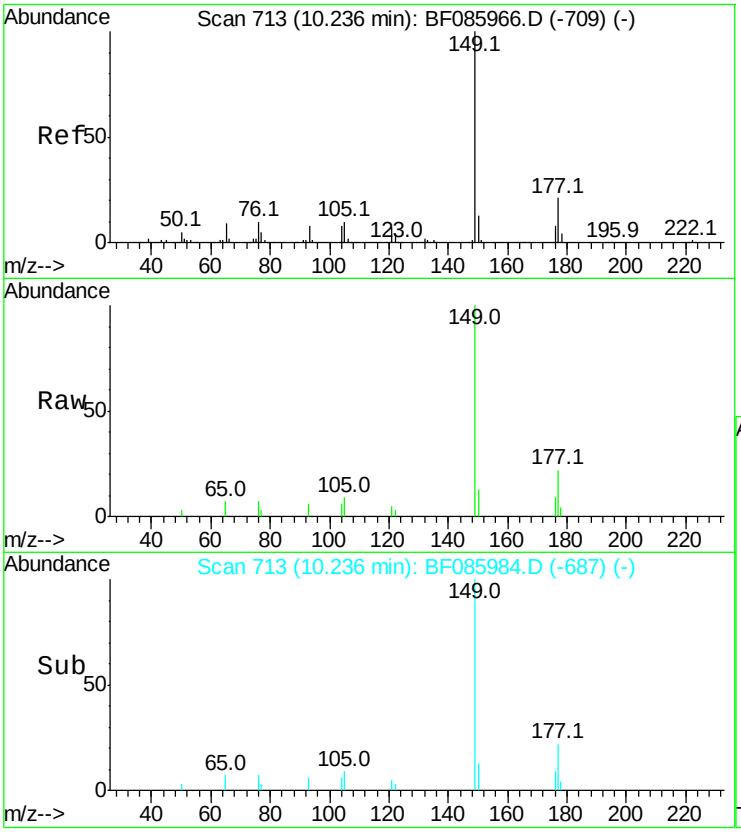


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.68 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:232 Resp: 1916

Ion	Ratio	Lower	Upper
232	100		
131	47.6	44.9	67.3
130	0.0	2.3	3.5#
166	24.2	28.1	42.1#





#59
Diethylphthalate
Concen: 0.83 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:149 Resp: 11965

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.9	26.9
150	12.7	10.2	15.2

Instrument :
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ClientSampleId :
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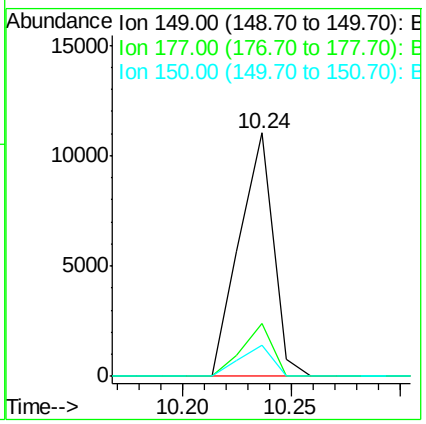
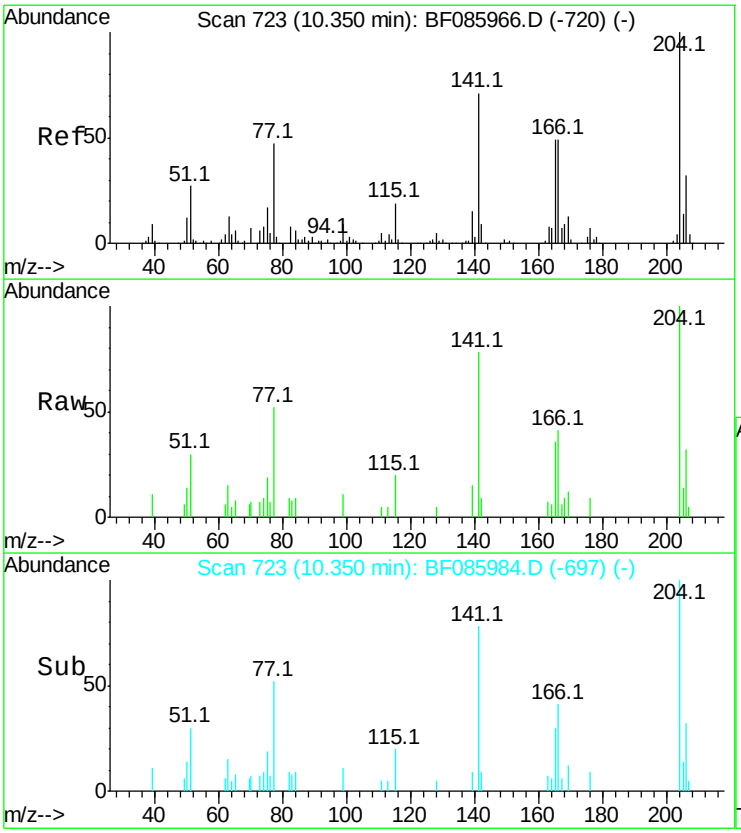
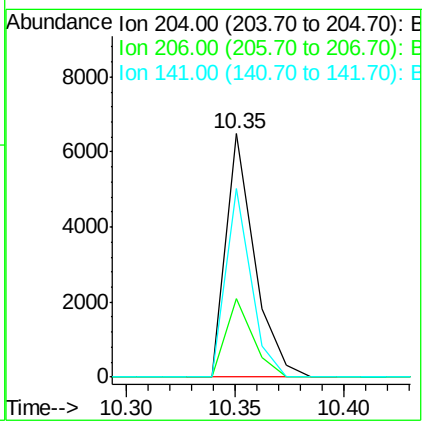


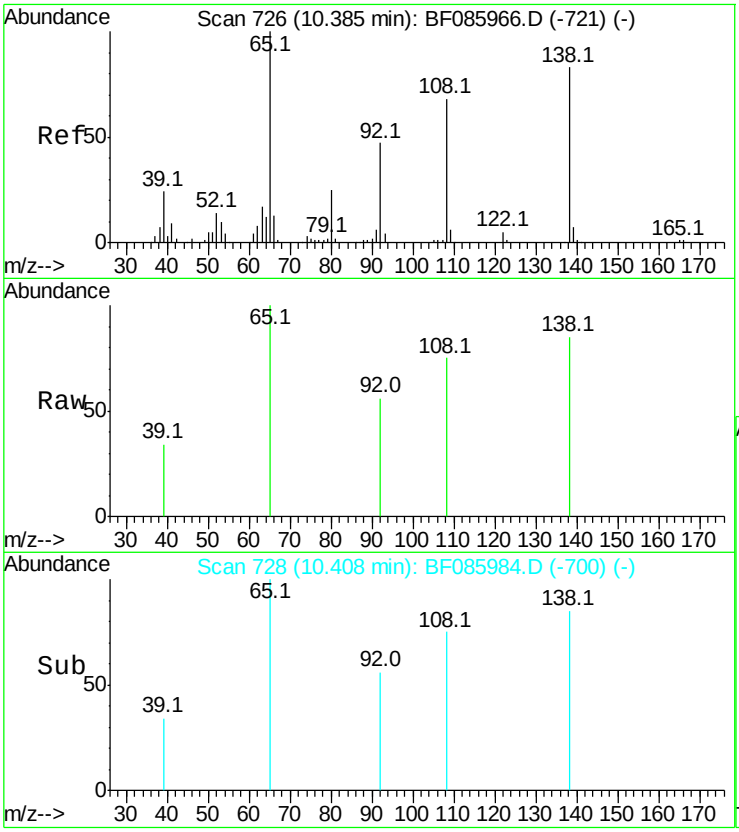


#60
4-Chlorophenyl-phenylether
Concen: 0.98 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:204 Resp: 5912

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	77.6	57.4	86.0

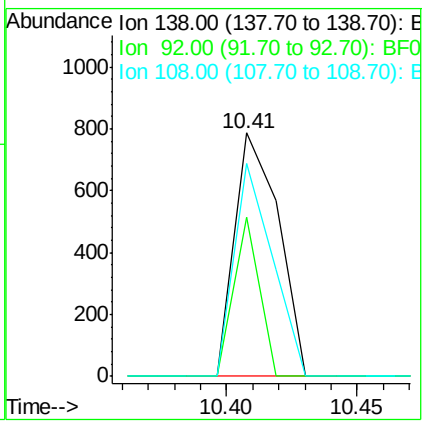




#61
4-Nitroaniline
Concen: 0.26 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:138 Resp: 929

Ion	Ratio	Lower	Upper
138	100		
92	65.2	26.4	66.4
108	87.5	49.0	89.0



Instrument :
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ClientSampleId :
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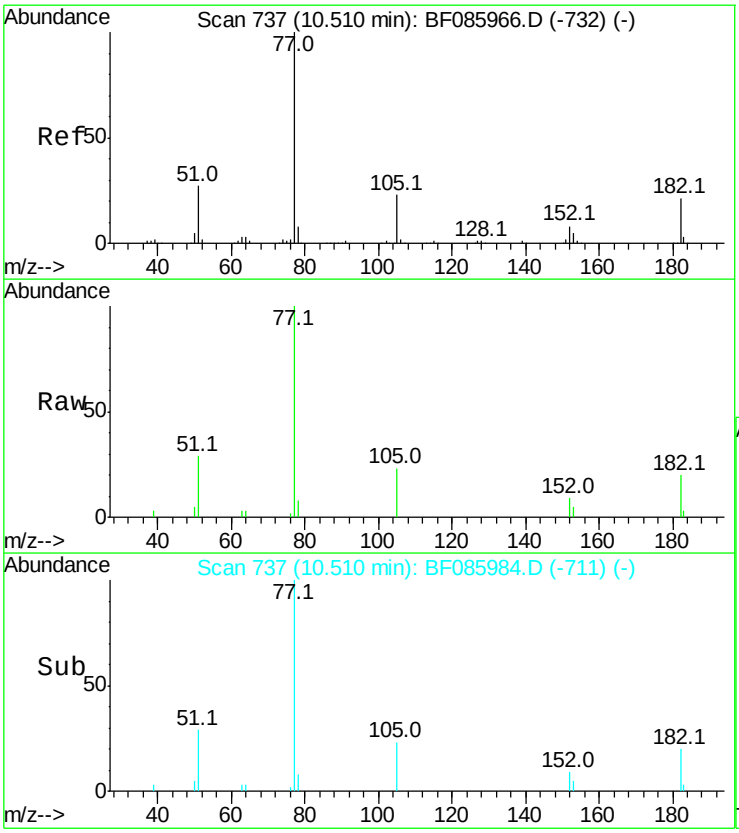
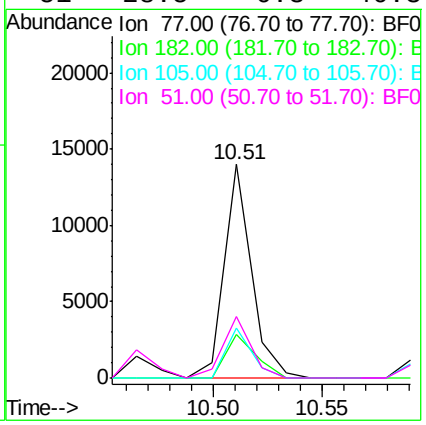
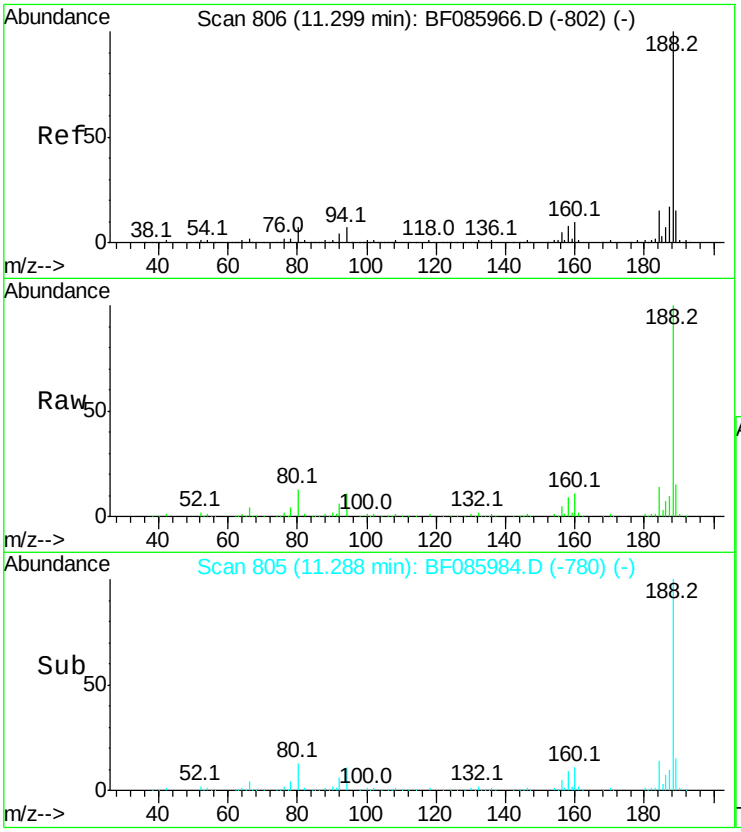


#62
Azobenzene
Concen: 0.88 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion: 77 Resp: 12086

Ion	Ratio	Lower	Upper
77	100		
182	20.4	1.9	41.9
105	23.2	3.5	43.5
51	28.5	6.3	46.3





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:188 Resp: 391089

Ion	Ratio	Lower	Upper
188	100		
94	11.1	5.4	8.0#
80	12.5	5.5	8.3#

Instrument :
BNA_F
ClientSampleId :
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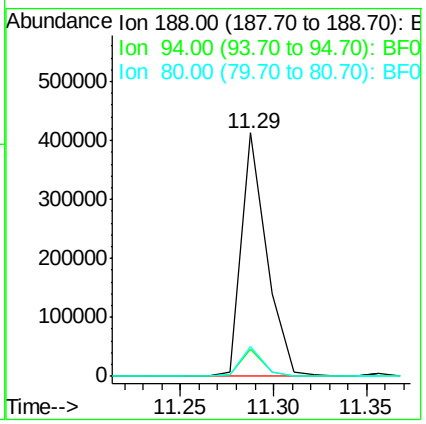
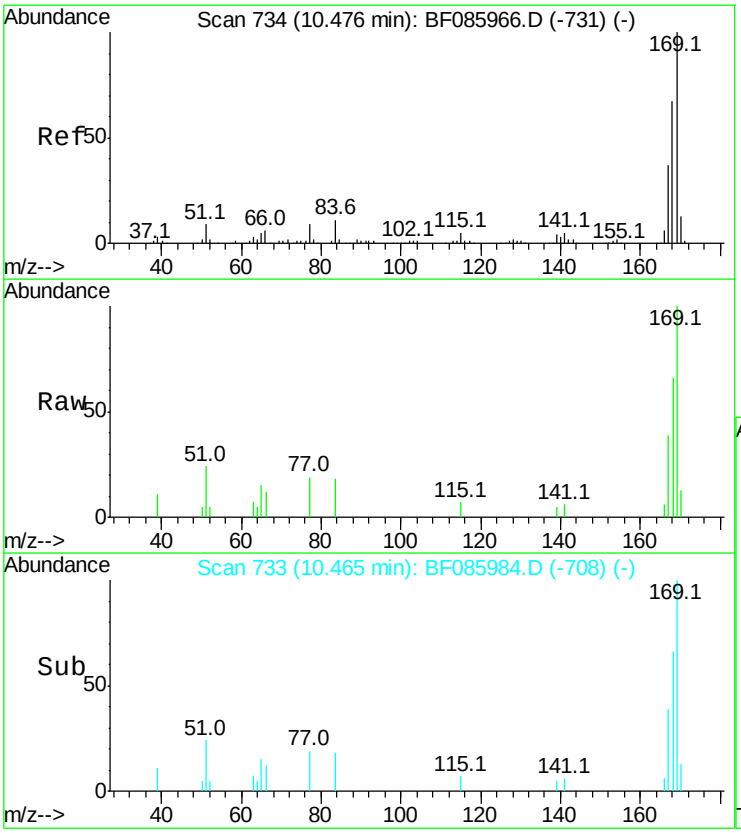
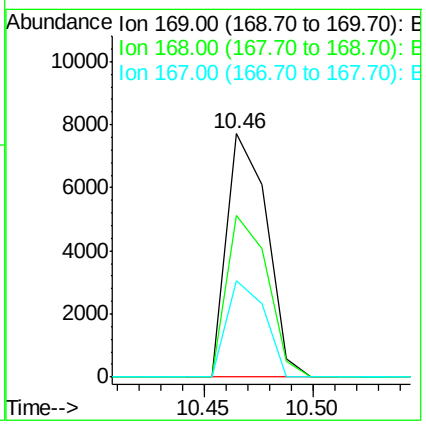


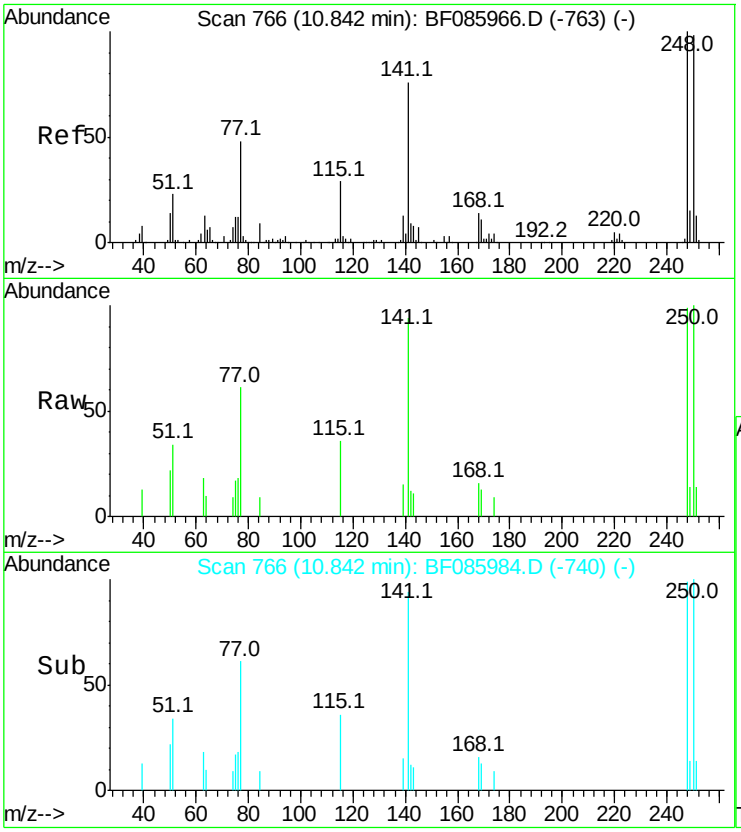


#65
n-Nitrosodiphenylamine
Concen: 0.81 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:169 Resp: 9867

Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.4	81.6
167	39.4	29.4	44.0

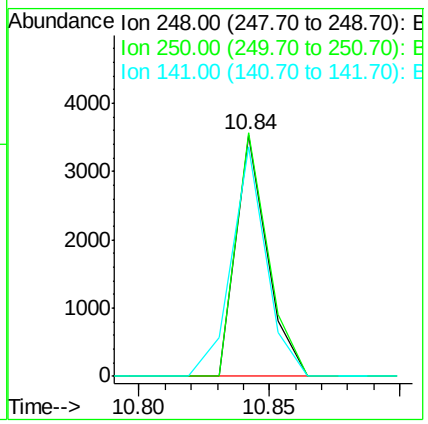




#66
4-Bromophenyl-phenylether
Concen: 0.75 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:248 Resp: 2985

Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.4	116.0
141	95.1	63.6	95.4



Instrument :
BNA_F
ClientSampleId :
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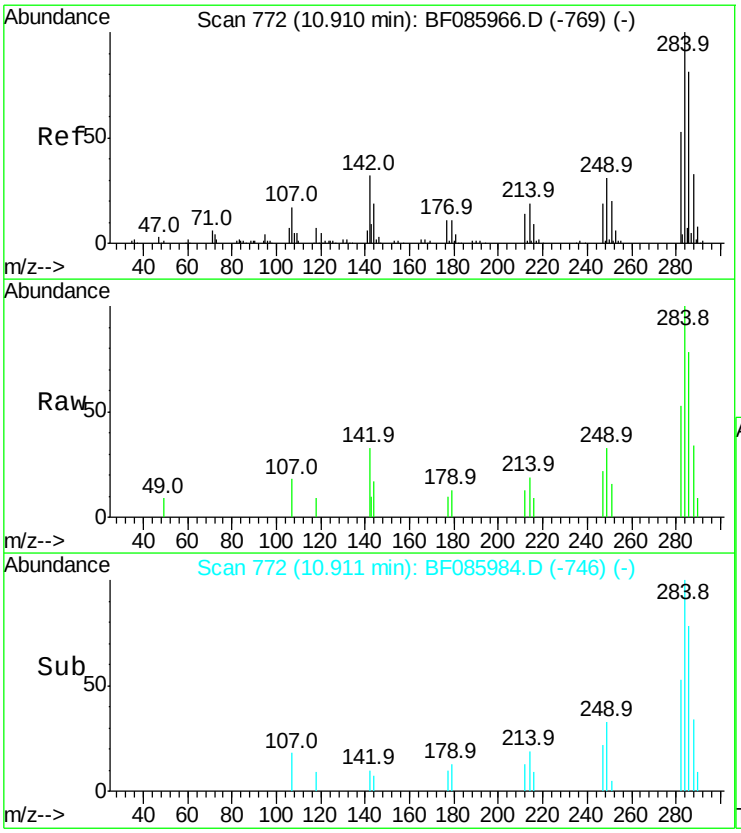
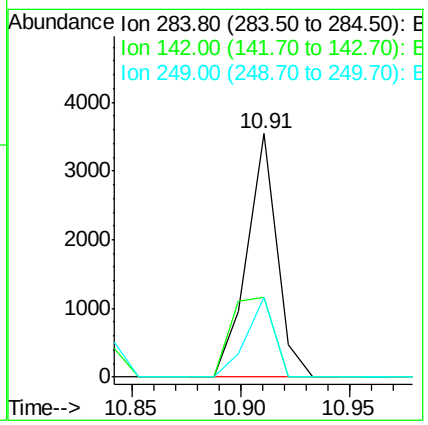
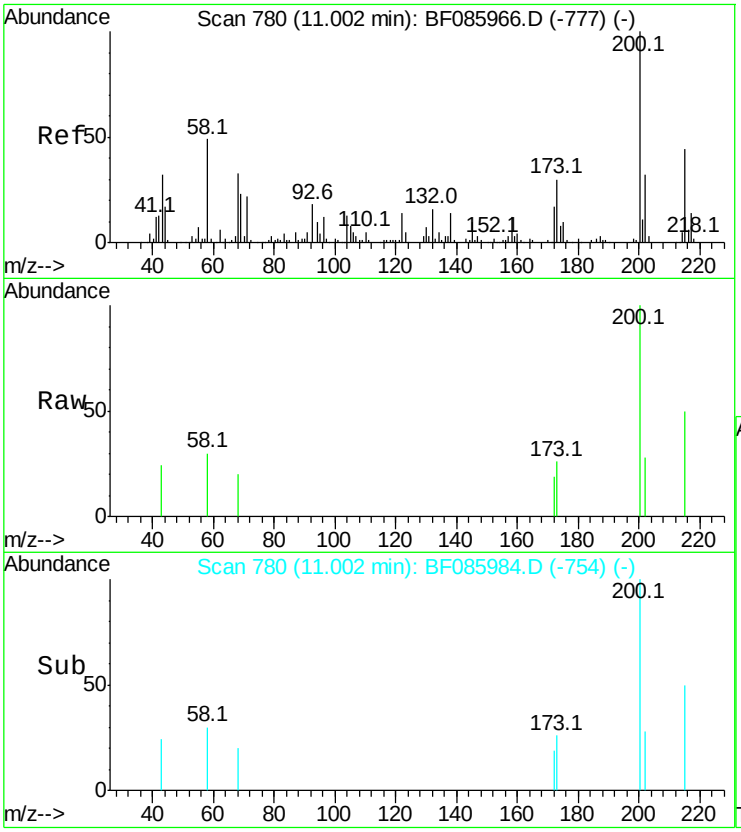


#67
Hexachlorobenzene
Concen: 0.83 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:284 Resp: 3409

Ion	Ratio	Lower	Upper
284	100		
142	32.8	23.1	34.7
249	32.8	24.2	36.2

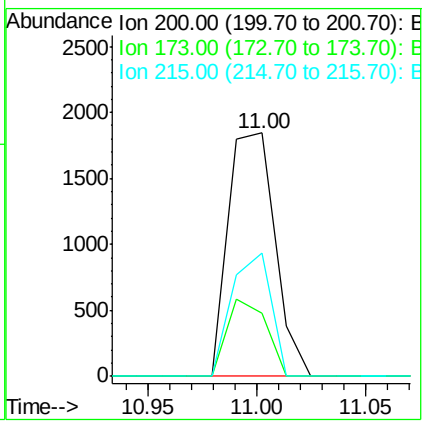




#68
Atrazine
Concen: 0.70 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:200 Resp: 2763

Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.7	47.7
215	50.4	25.4	65.4



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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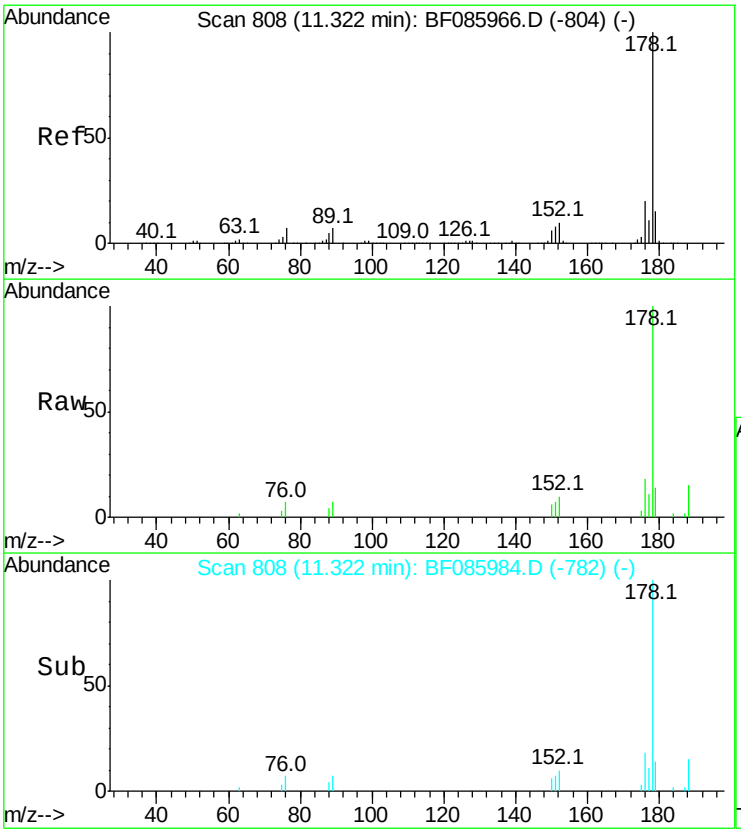
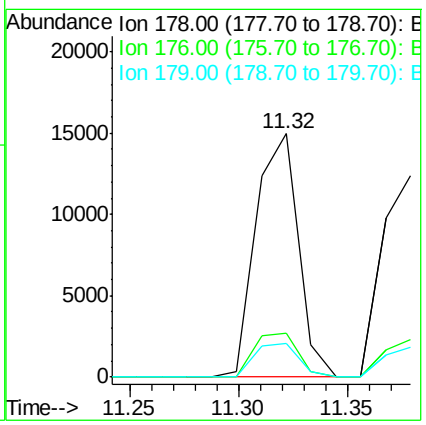
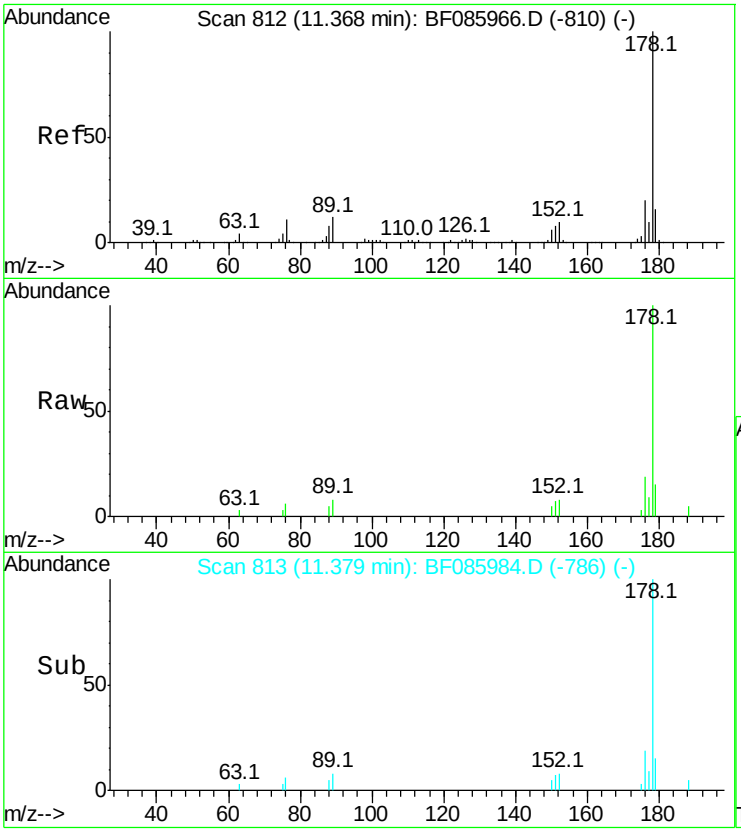


#70
Phenanthrene
Concen: 0.95 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:178 Resp: 20327

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.3	24.5
179	13.9	12.6	18.8

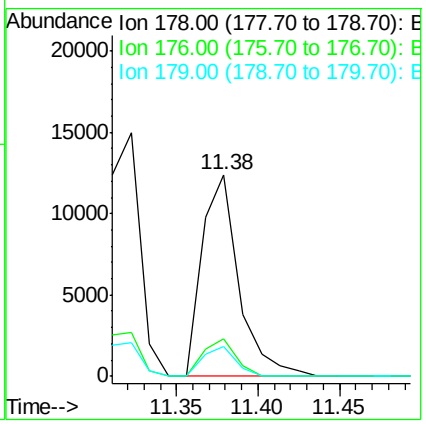




#71
Anthracene
Concen: 0.87 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:178 Resp: 19439

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.0	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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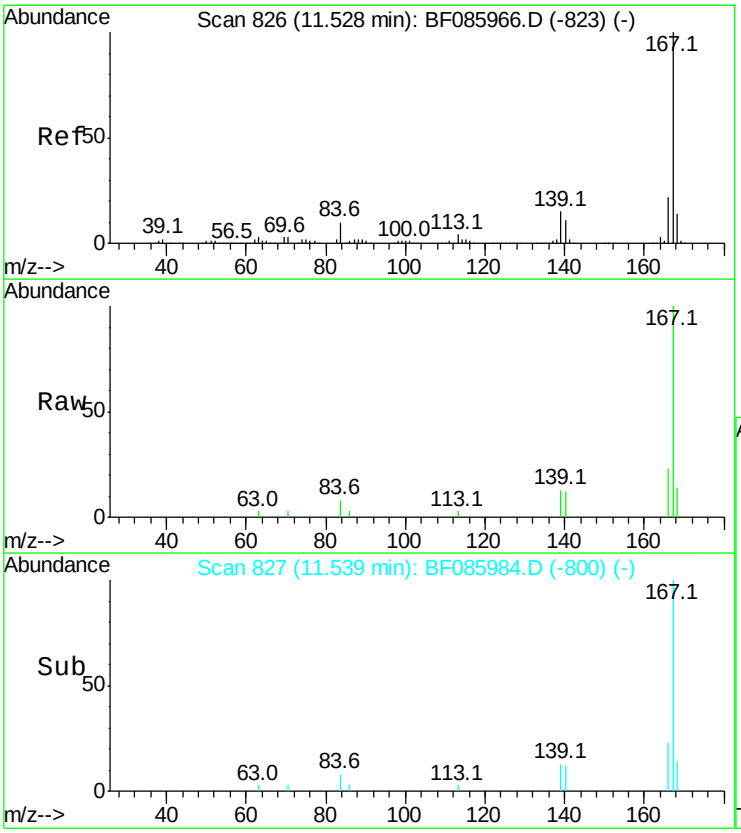
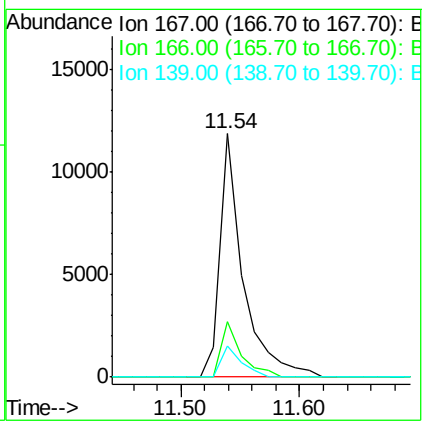
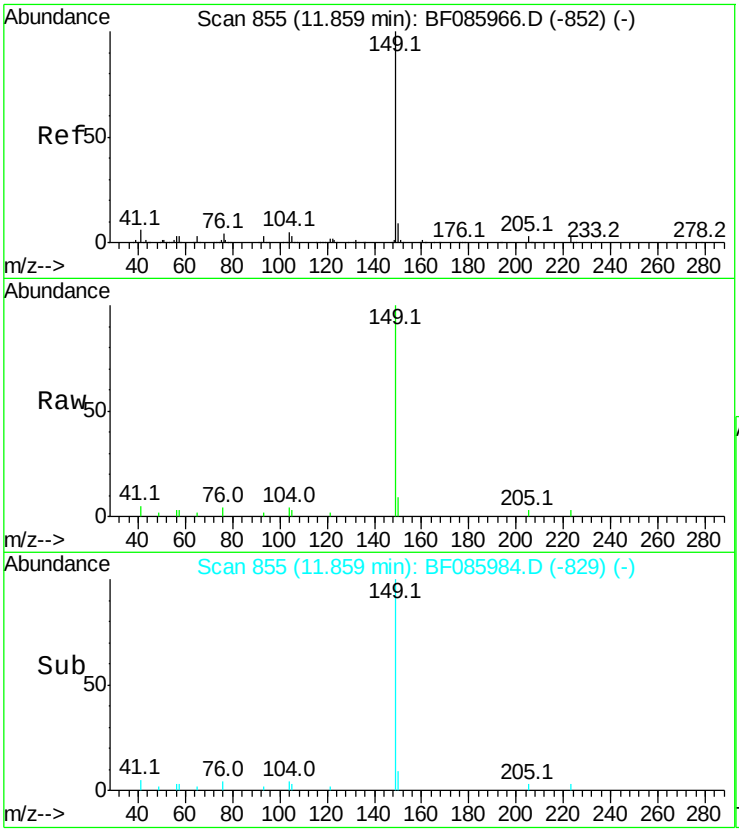


#72
Carbazole
Concen: 0.83 ng
RT: 11.54 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:167 Resp: 15864

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.8
139	13.0	11.6	17.4

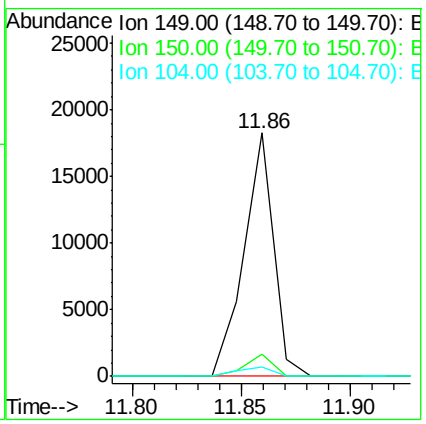




#73
Di-n-butylphthalate
Concen: 0.72 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:149 Resp: 17219

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.6	11.4
104	4.0	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
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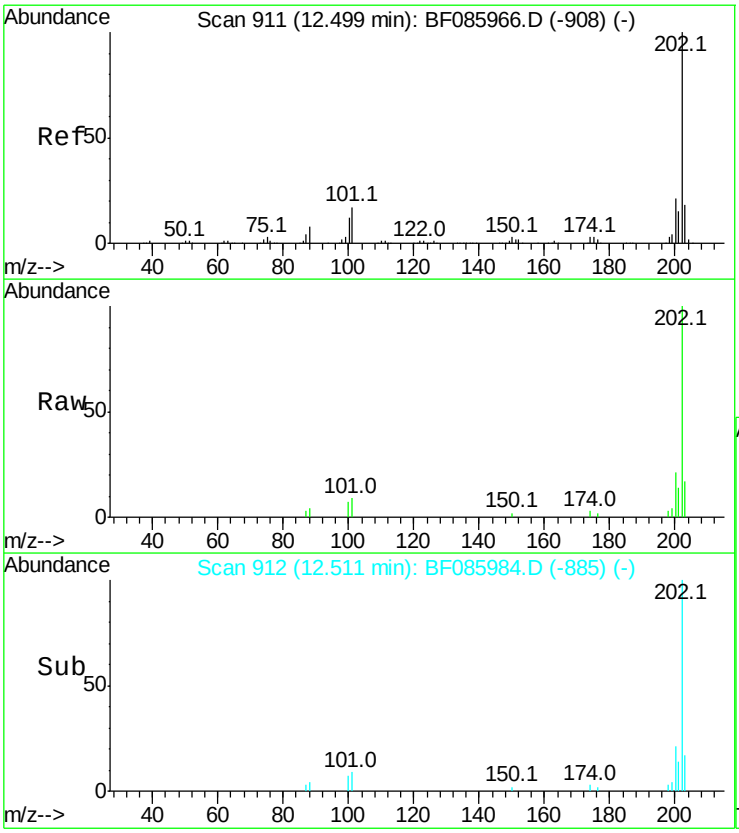
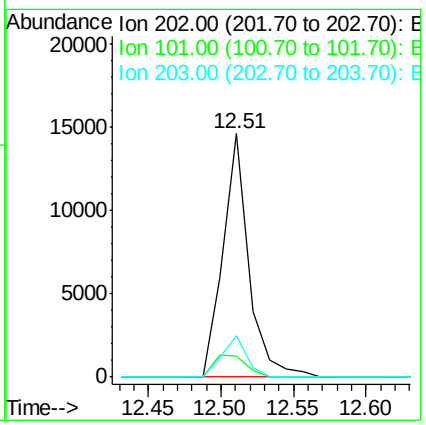
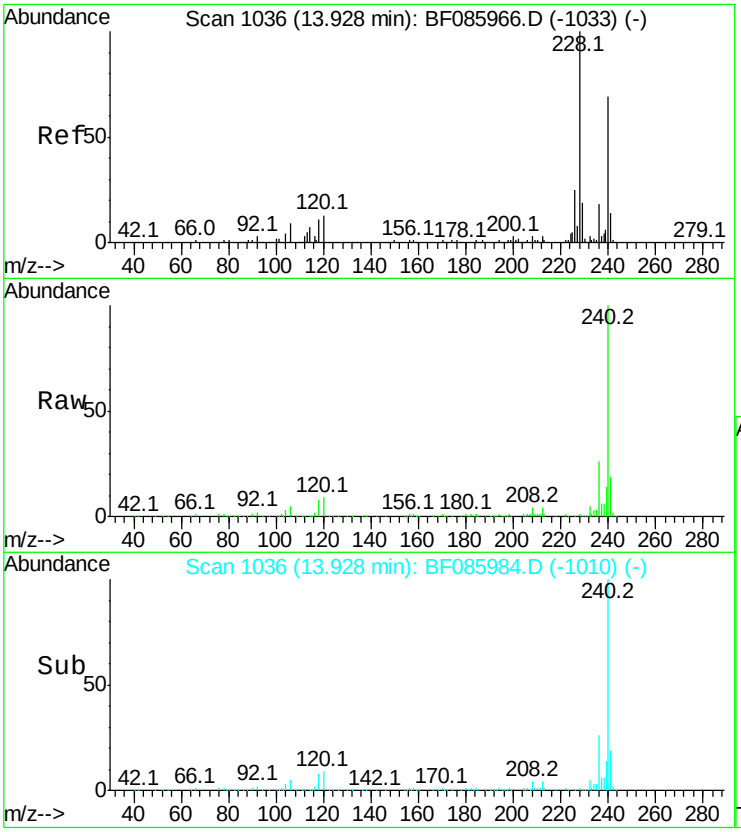


#74
Fluoranthene
Concen: 0.81 ng
RT: 12.51 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:202 Resp: 17984

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	36.6
203	16.8	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:240 Resp: 346529

Ion	Ratio	Lower	Upper
240	100		
120	8.8	13.8	20.8#
236	26.4	20.6	30.8

Instrument :
BNA_F
ClientSampleId :
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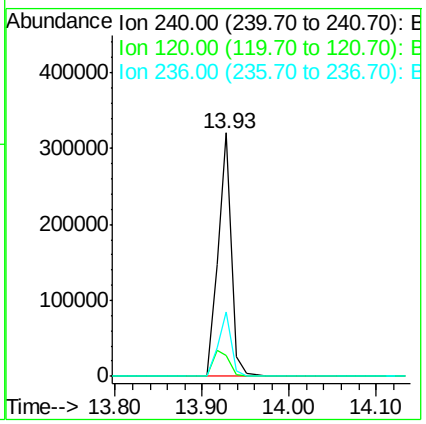
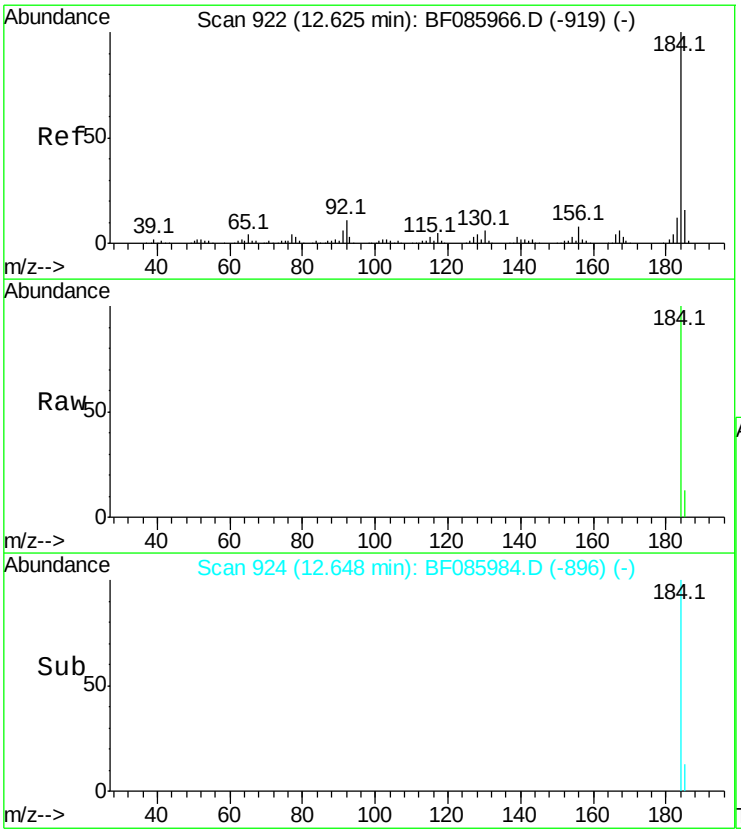
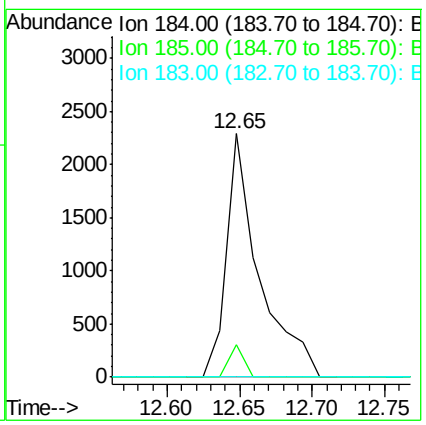


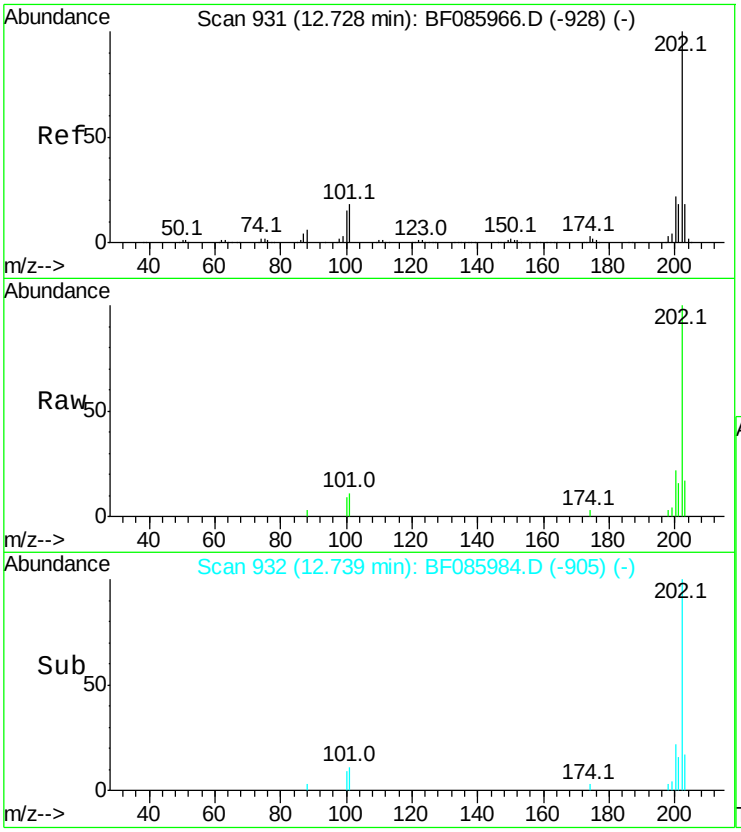


#76
Benzidine
Concen: 0.29 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.02 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:184 Resp: 3572

Ion	Ratio	Lower	Upper
184	100		
185	13.1	12.4	18.6
183	0.0	9.4	14.2#

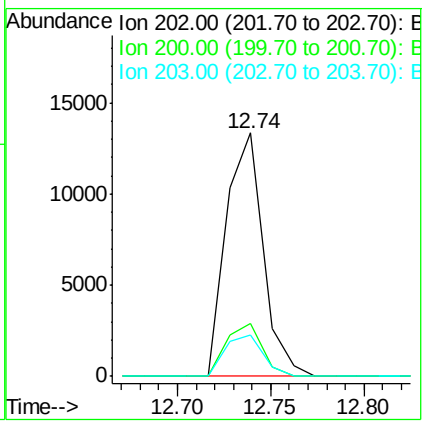




#77
Pyrene
Concen: 0.76 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:202 Resp: 18451

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.0	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
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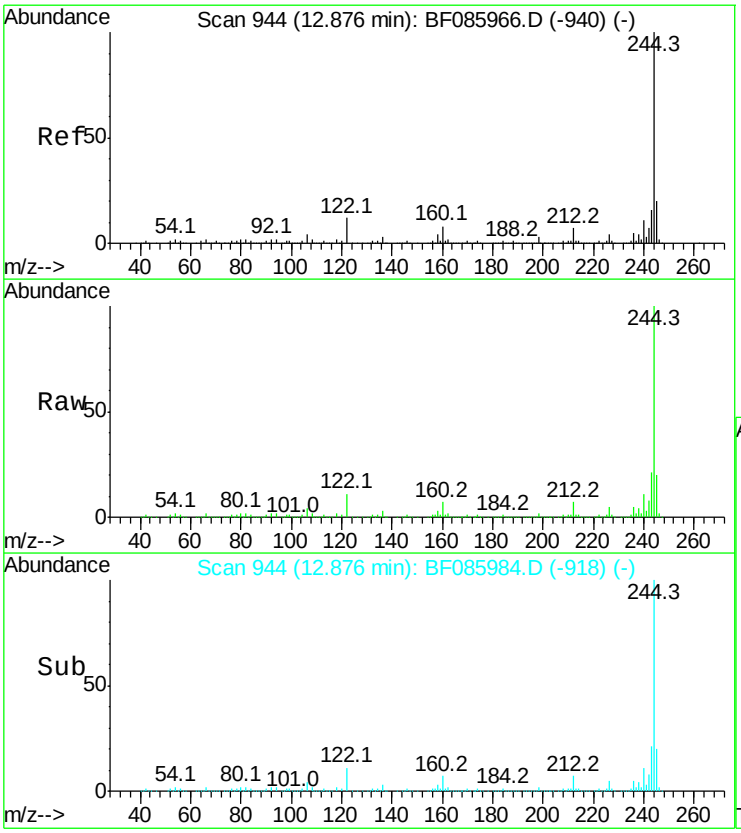
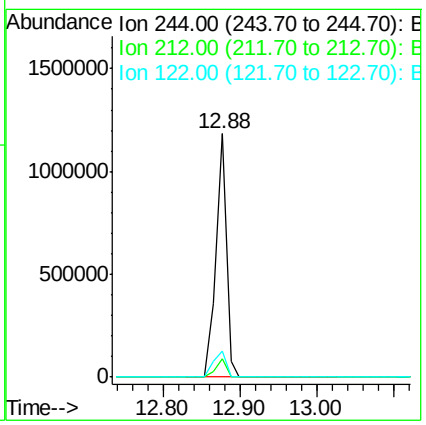
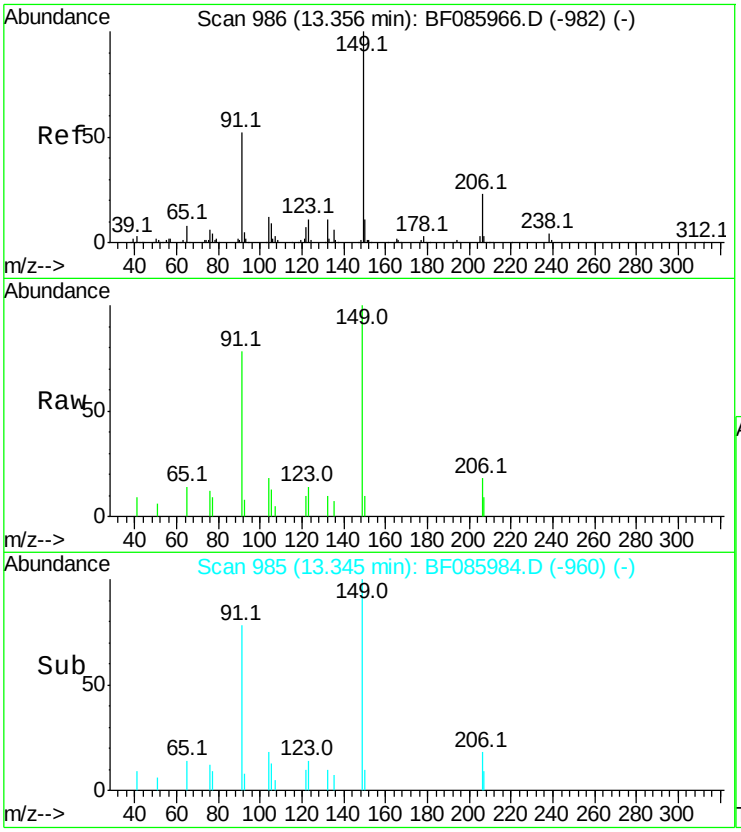


#78
Terphenyl-d14
Concen: 75.86 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:244 Resp: 1118334

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.8	10.2	15.4

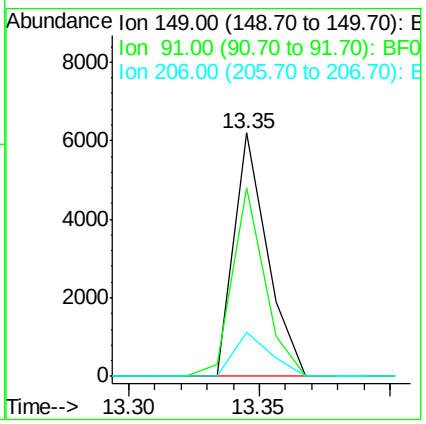




#79
Butylbenzylphthalate
Concen: 0.51 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:149 Resp: 5556

Ion	Ratio	Lower	Upper
149	100		
91	77.7	45.8	68.8#
206	18.2	17.8	26.8



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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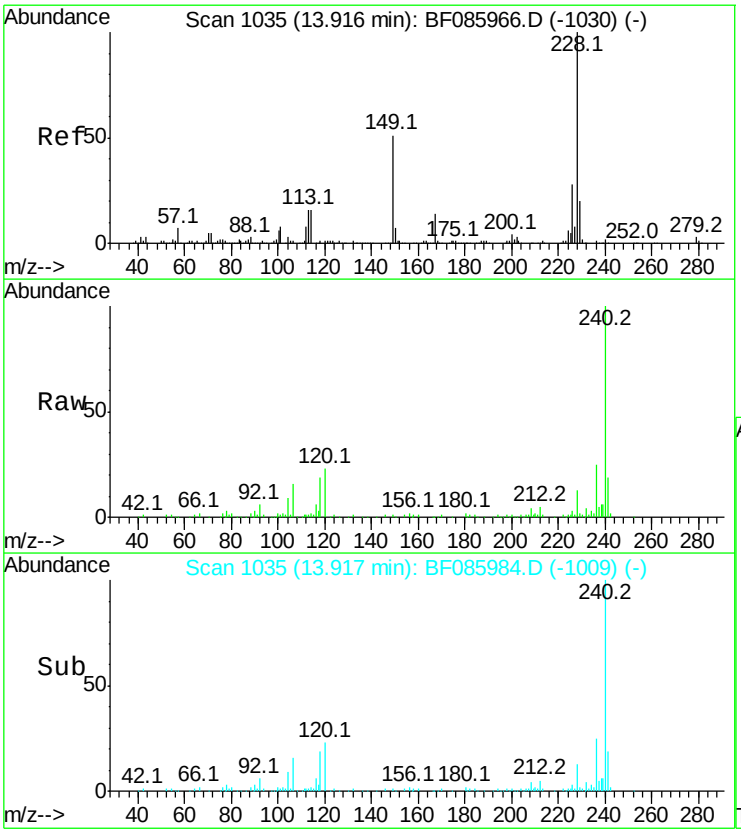
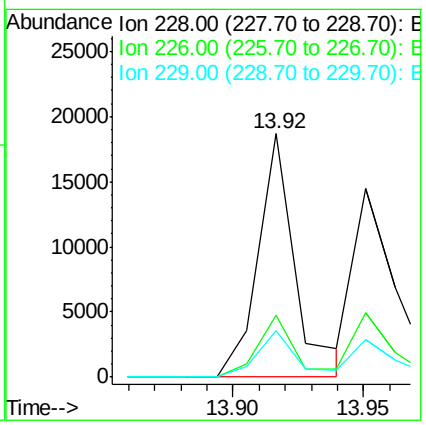
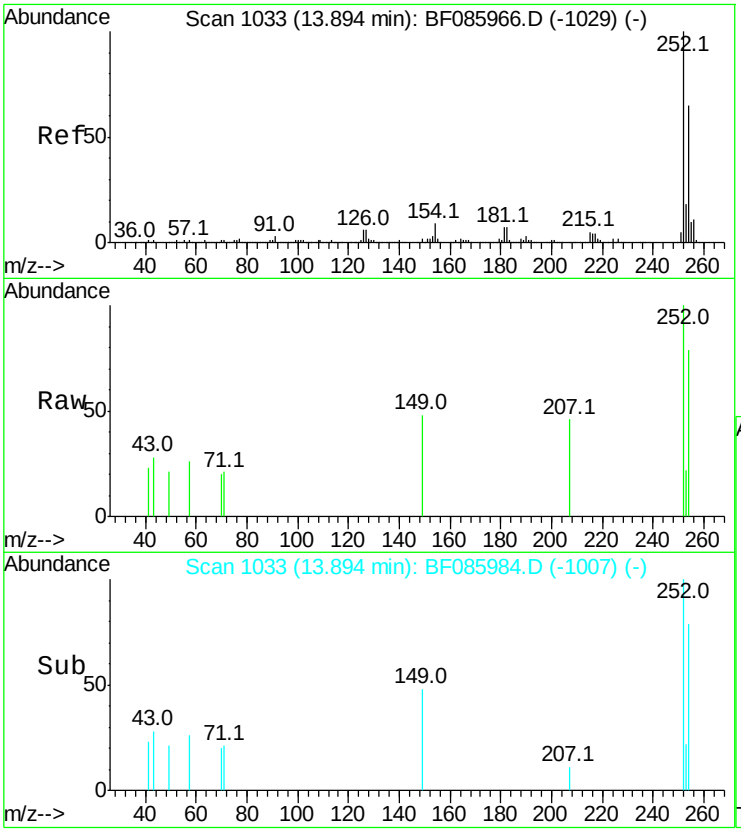


#80
Benzo(a)anthracene
Concen: 0.91 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:228 Resp: 18598

Ion	Ratio	Lower	Upper
228	100		
226	25.2	22.1	33.1
229	19.1	16.2	24.4





#81
3,3'-Dichlorobenzidine
Concen: 0.17 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:252 Resp: 2473

Ion	Ratio	Lower	Upper
252	100		
254	78.6	50.7	76.1#
126	0.0	11.8	17.6#

Instrument :
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ClientSampleId :
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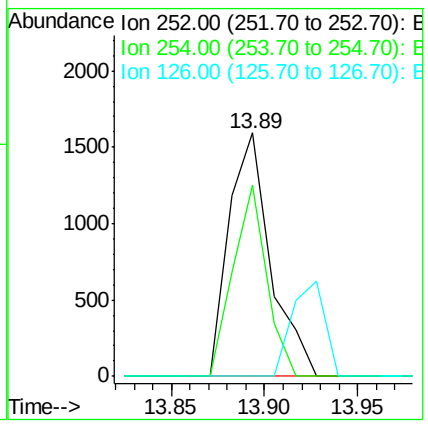
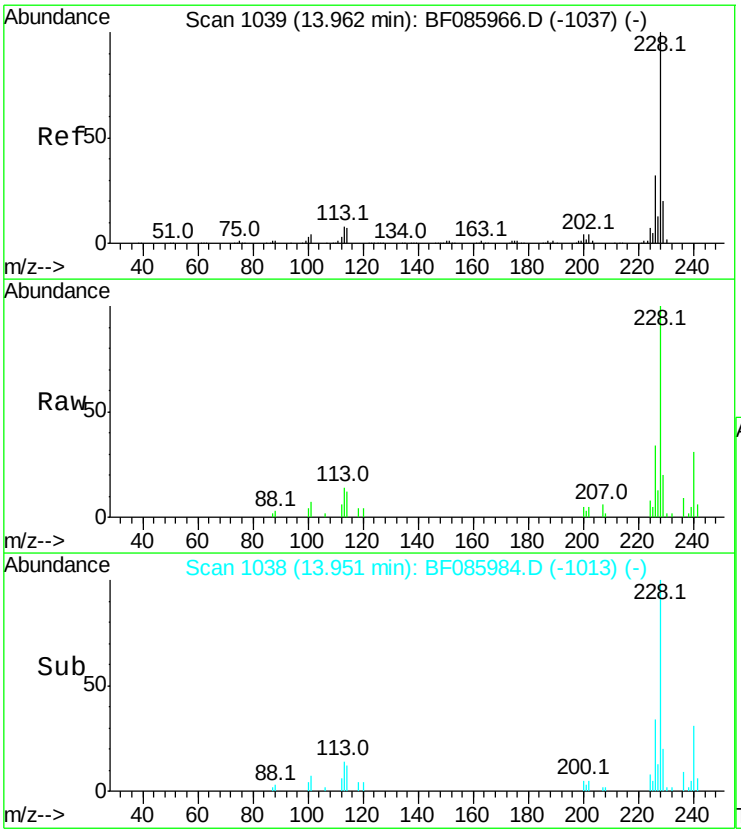
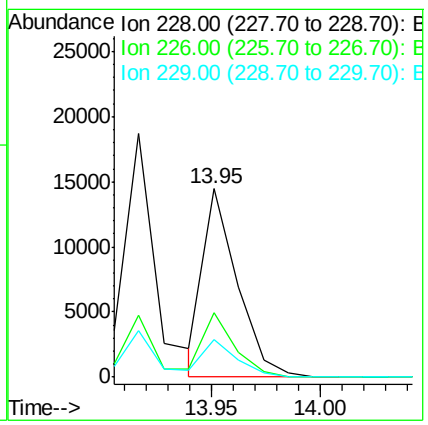


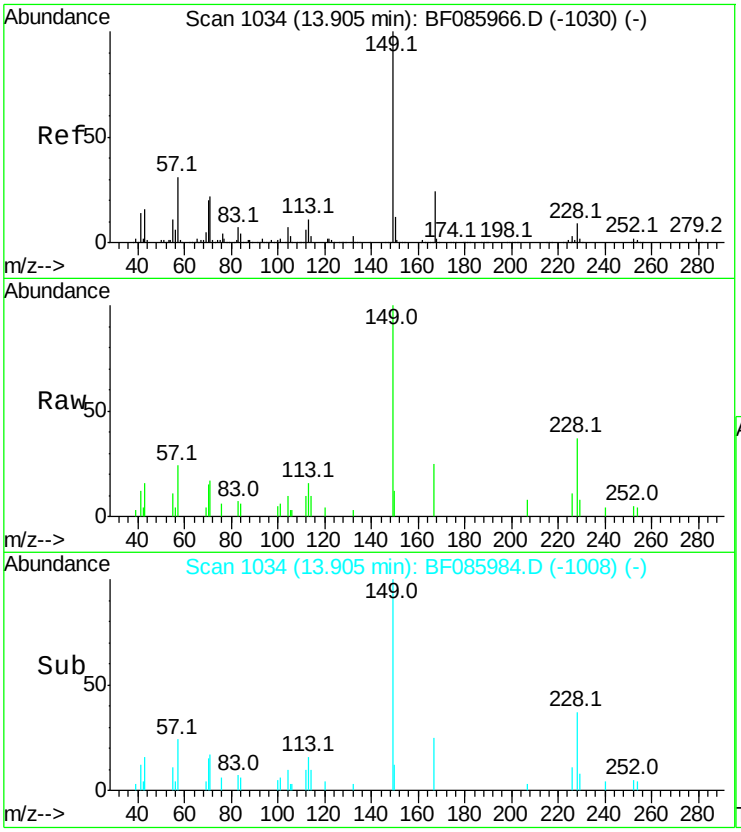


#82
Chrysene
Concen: 0.80 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:228 Resp: 15795

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.0	37.6
229	20.1	15.7	23.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 0.55 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:149 Resp: 8081

Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.4	29.2
279	0.0	1.5	2.3#

Instrument :
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ClientSampleId :
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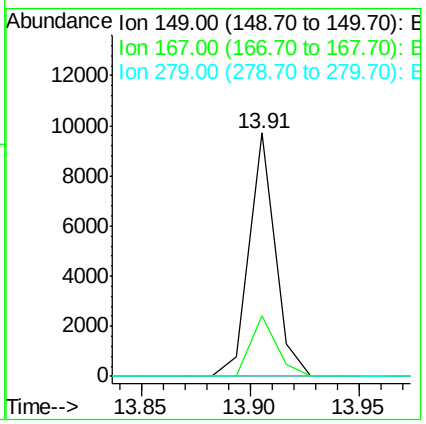
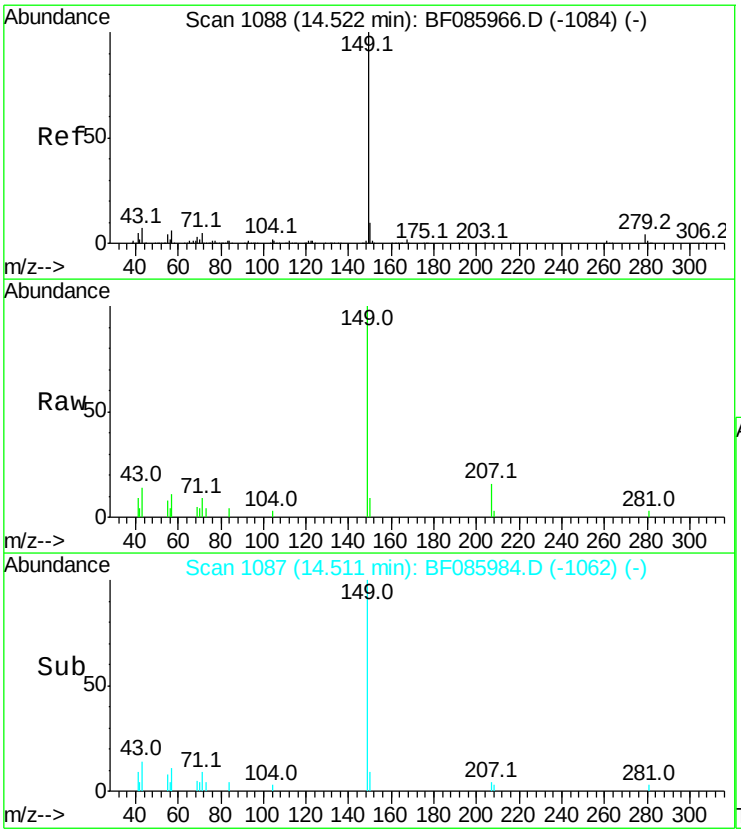
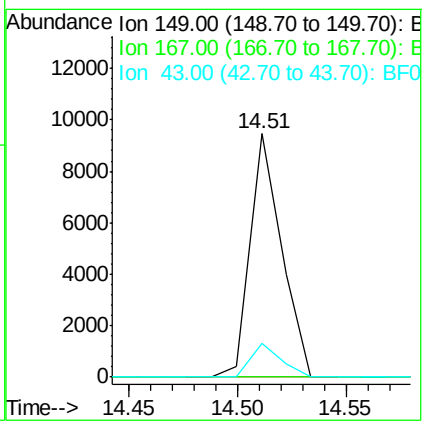


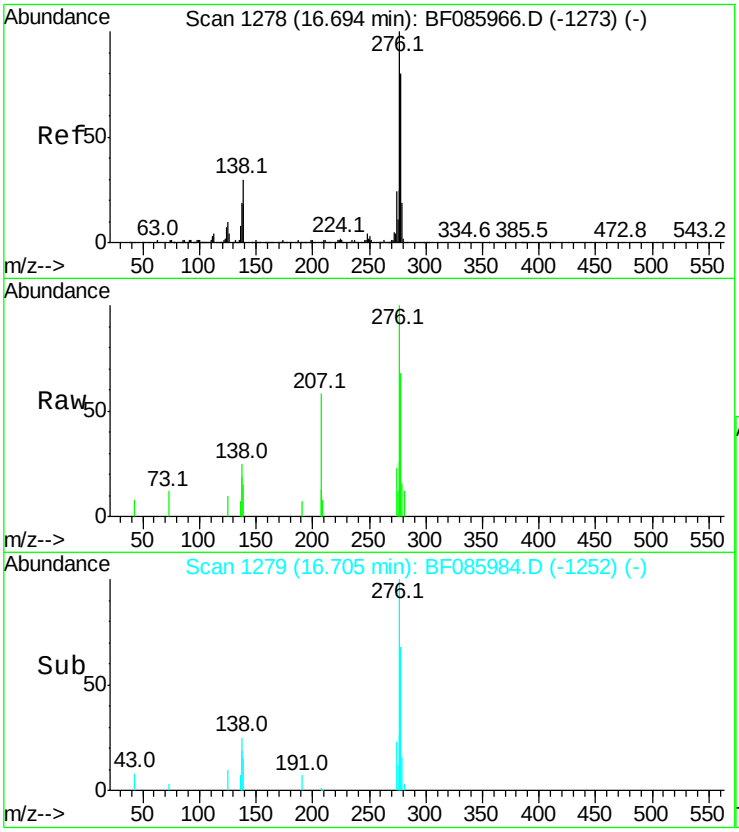


#84
Di-n-octyl phthalate
Concen: 0.41 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:149 Resp: 9488

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	13.2	7.1	10.7#

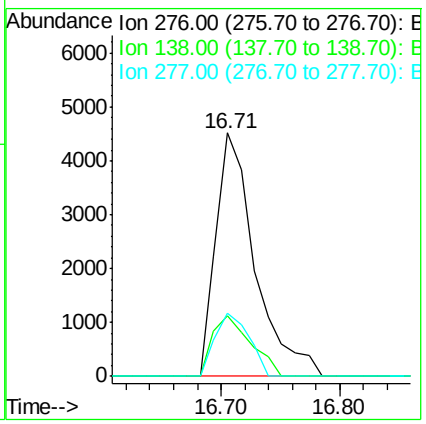




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:276 Resp: 10306

Ion	Ratio	Lower	Upper
276	100		
138	24.4	24.2	36.4
277	22.5	20.0	30.0



Instrument :
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ClientSampleId :
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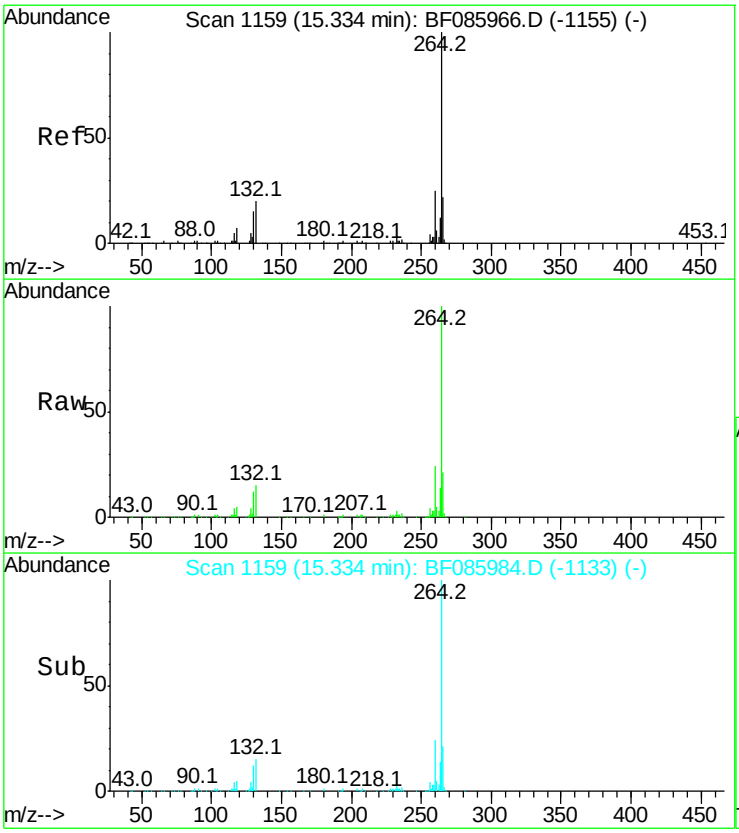
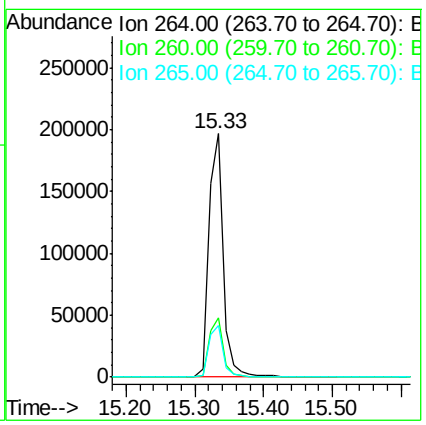
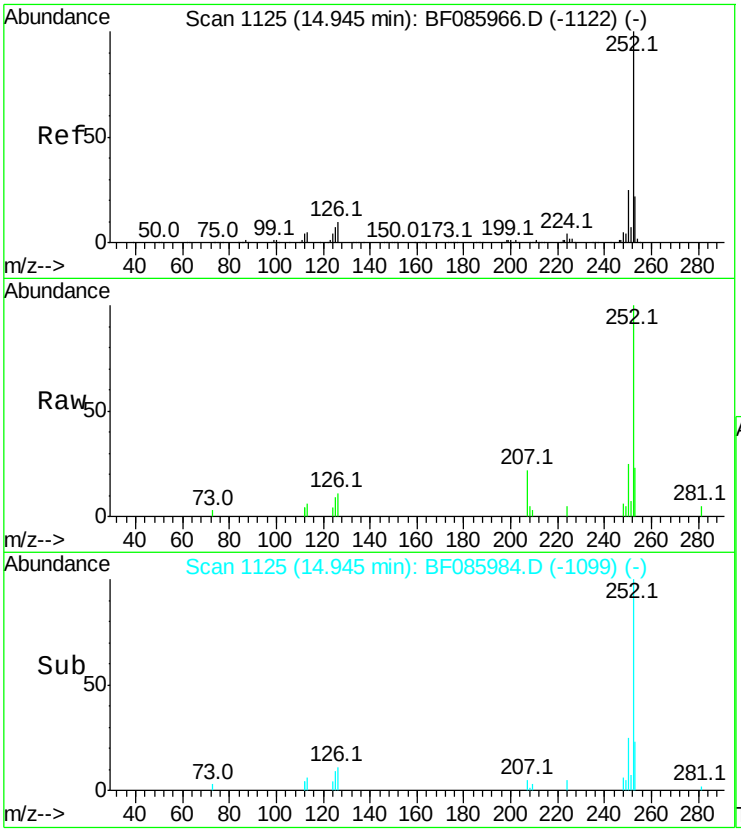


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:264 Resp: 288165

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	20.9	17.2	25.8

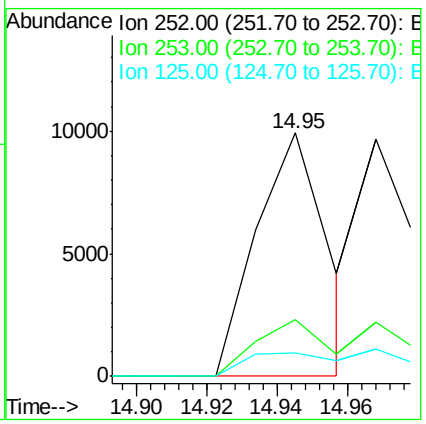




#87
Benzo(b)fluoranthene
Concen: 0.76 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:252 Resp: 13792

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.4	10.3	15.5#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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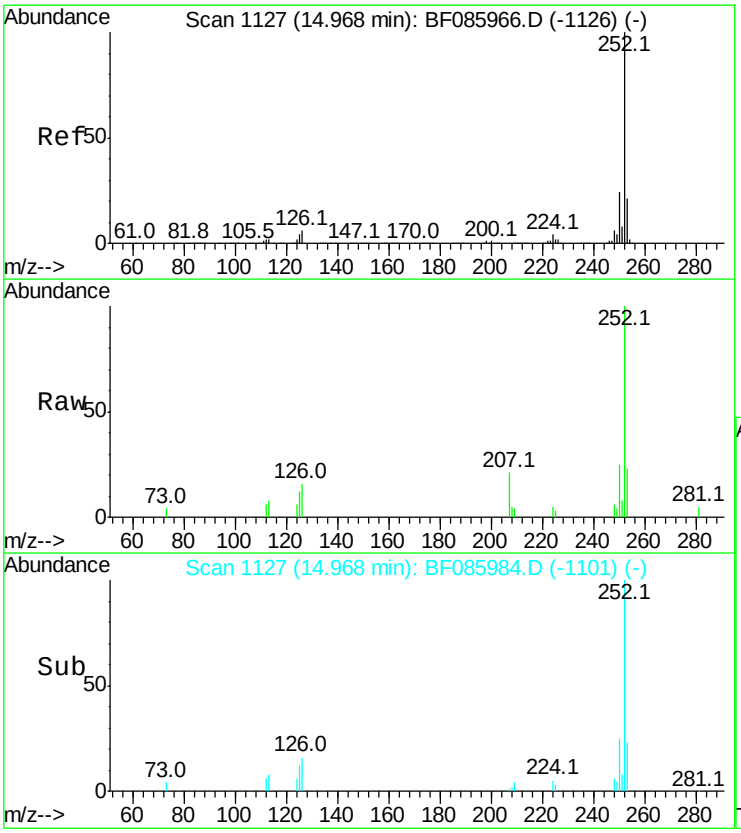
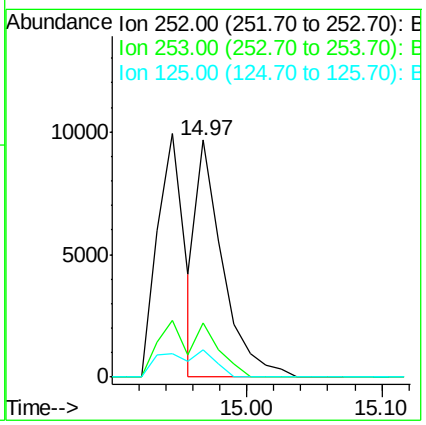
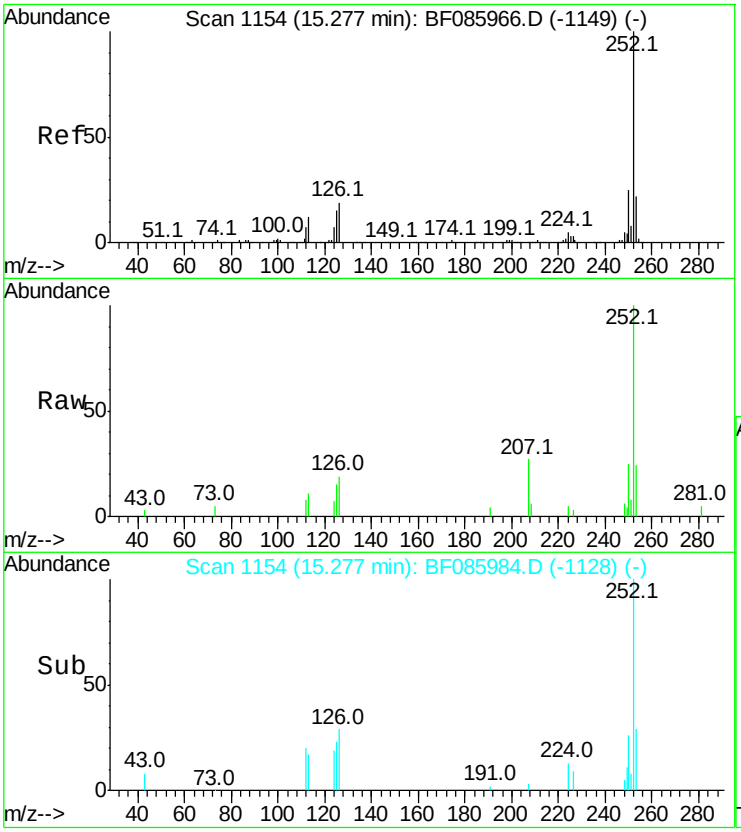


#88
Benzo(k)fluoranthene
Concen: 0.82 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:252 Resp: 13153

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.7	7.7	11.5#

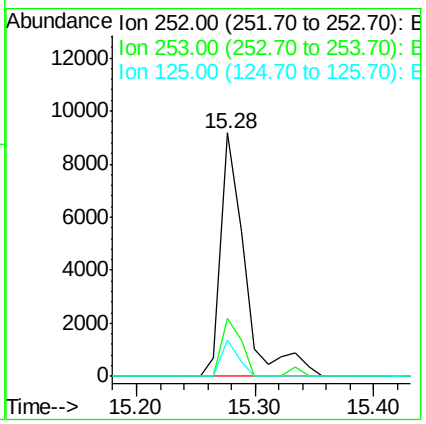




#89
Benzo(a)pyrene
Concen: 0.80 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:252 Resp: 12879

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	14.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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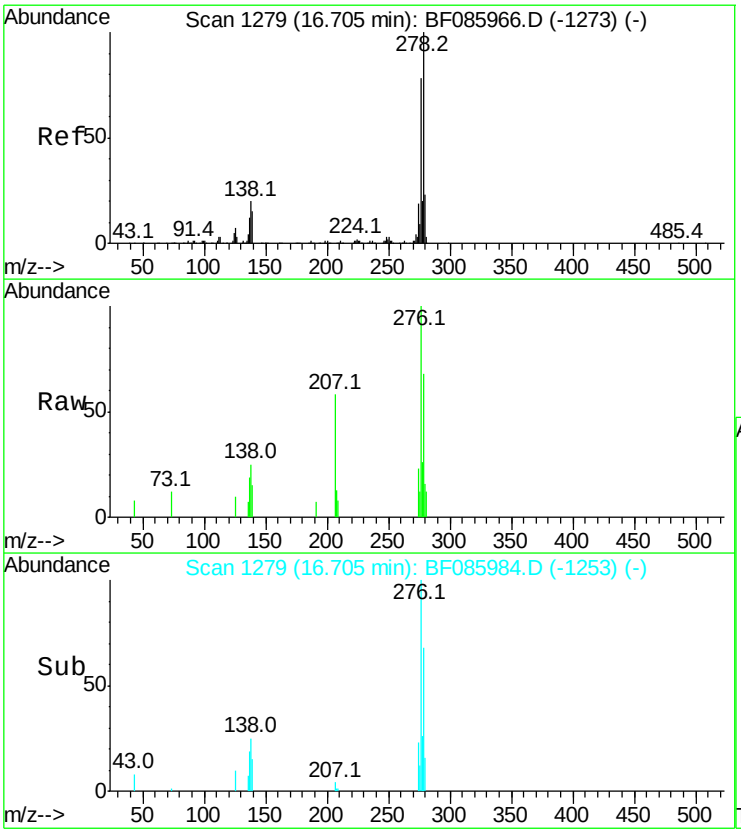
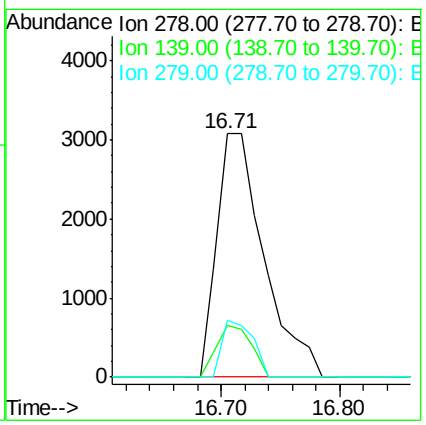
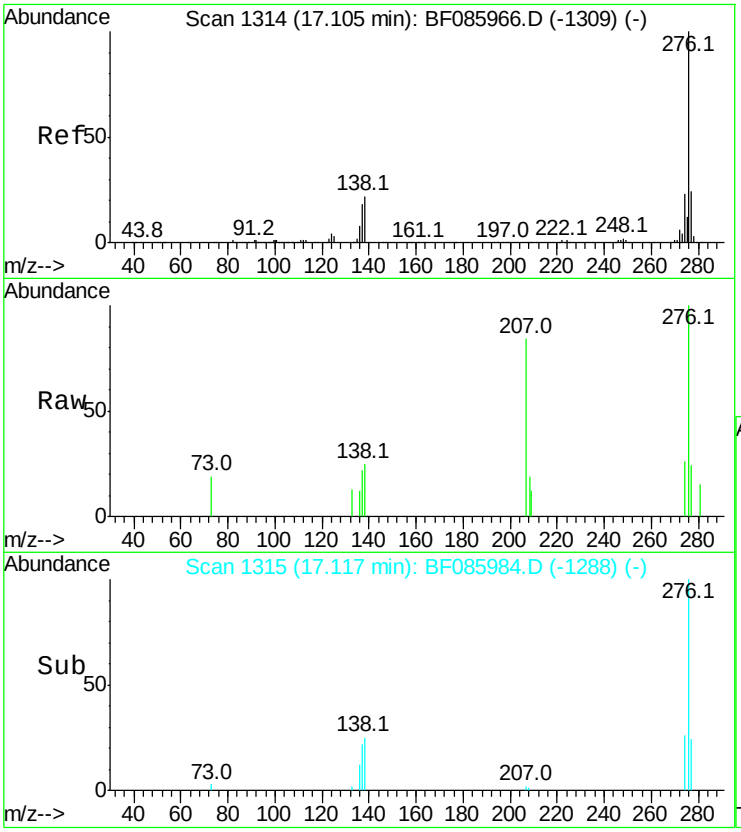


#90
Dibenzo(a,h)anthracene
Concen: 0.66 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:278 Resp: 8487

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.4	21.6
279	23.6	19.1	28.7

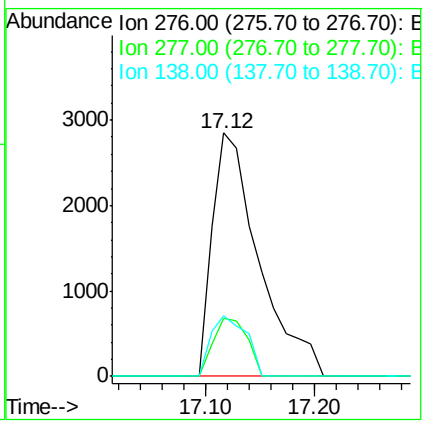




#91
Benzo(g,h,i)perylene
Concen: 0.68 ng
RT: 17.12 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF085984.D
Acq: 2 Apr 2016 2:06

Tgt Ion:276 Resp: 8494

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	25.1	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

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