Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089726.D
Acq On : 16 Aug 2016 15:56
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 19:39:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:13 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	626946m	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2759351	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1280646	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2310965	20.00	ng		0.00
75) Chrysene-d12	13.89	240	2050748	20.00	ng		-0.01
86) Perylene-d12	15.39	264	1744299	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	207411	2.65	ng		-0.01
7) Phenol-d6	6.32	99	265299	2.72	ng		-0.01
23) Nitrobenzene-d5	7.26	82	238873	2.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	60400	2.38	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	469938	3.20	ng		-0.01
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	61588	3.03	ng	#	82
3) Pyridine	2.88	79	125154	2.47	ng		94
4) n-Nitrosodimethylamine	2.81	42	50878	2.39	ng	#	91
6) Aniline	6.35	93	172226	2.55	ng		96
8) 2-Chlorophenol	6.47	128	118505	2.74	ng		97
9) Benzaldehyde	6.24	77	82129	2.49	ng		81
10) Phenol	6.33	94	171891	2.93	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	125469	2.92	ng		96
12) 1,3-Dichlorobenzene	6.64	146	135031m	2.89	ng		
13) 1,4-Dichlorobenzene	6.72	146	139068m	2.95	ng		
14) 1,2-Dichlorobenzene	6.87	146	135447	3.01	ng		95
15) Benzyl Alcohol	6.83	79	82317	2.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.98	45	163384	2.98	ng		98
17) 2-Methylphenol	6.95	107	85703	2.38	ng		97
18) Hexachloroethane	7.21	117	41285	2.34	ng	#	78
19) n-Nitroso-di-n-propylamine	7.11	70	79372m	2.50	ng		
20) 3+4-Methylphenols	7.11	107	125963	2.84	ng		98
22) Acetophenone	7.11	105	180652	2.75	ng	#	95
24) Nitrobenzene	7.28	77	129644	2.65	ng		95
25) Isophorone	7.52	82	231569	2.54	ng		98
26) 2-Nitrophenol	7.60	139	47199	2.08	ng	#	79
27) 2,4-Dimethylphenol	7.64	122	117114	2.60	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	136402	2.36	ng		97
29) 2,4-Dichlorophenol	7.84	162	92111	2.40	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	108197	2.68	ng		95
31) Naphthalene	8.01	128	346605	2.79	ng		97
33) 4-Chloroaniline	8.06	127	155281	2.61	ng	#	90
34) Hexachlorobutadiene	8.14	225	60113	2.92	ng		97
36) 4-Chloro-3-methylphenol	8.54	107	99448	2.49	ng		98
37) 2-Methylnaphthalene	8.70	142	220008m	2.57	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	116953	3.27	ng		96
40) Hexachlorocyclopentadiene	8.86	237	41021	2.07	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	58131	2.26	ng		94
43) 2,4,5-Trichlorophenol	9.00	196	64941	2.65	ng	#	90

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089726.D
Acq On : 16 Aug 2016 15:56
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Aug 16 19:39:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.16	154	311086	2.93	ng		94
46) 2-Chloronaphthalene	9.19	162	211774	2.75	ng	#	89
48) Acenaphthylene	9.60	152	327620	2.71	ng		97
49) Dimethylphthalate	9.46	163	269267	3.00	ng		98
50) 2,6-Dinitrotoluene	9.52	165	50737	2.55	ng		94
51) Acenaphthene	9.77	154	224484	2.83	ng		99
52) 3-Nitroaniline	9.68	138	55793	2.16	ng	#	92
54) Dibenzofuran	9.94	168	294397	2.62	ng		89
56) 2,4-Dinitrotoluene	9.92	165	56927	2.22	ng		96
57) Fluorene	10.28	166	235598	2.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	49390	2.34	ng		96
59) Diethylphthalate	10.17	149	237233	2.59	ng		95
60) 4-Chlorophenyl-phenylether	10.28	204	116944	3.29	ng	#	87
61) 4-Nitroaniline	10.28	138	55348	2.43	ng		95
62) Azobenzene	10.43	77	236824	2.38	ng		91
65) n-Nitrosodiphenylamine	10.39	169	191082	2.56	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	66193	2.80	ng	#	72
67) Hexachlorobenzene	10.82	284	74933	2.82	ng	#	76
68) Atrazine	10.92	200	56197	2.56	ng		97
69) Pentachlorophenol	11.02	266	32466	2.03	ng		94
71) Anthracene	11.28	178	349720	2.92	ng		98
72) Carbazole	11.44	167	341291	2.99	ng		97
73) Di-n-butylphthalate	11.79	149	378109	2.87	ng		98
74) Fluoranthene	12.41	202	332551	2.75	ng		93
76) Benzidine	12.55	184	163431	2.33	ng		98
77) Pyrene	12.64	202	370671	2.82	ng		97
80) Benzo(a)anthracene	13.87	228	310605	2.64	ng		97
81) 3,3'-Dichlorobenzidine	13.84	252	89343	2.07	ng		97
82) Chrysene	13.91	228	313019	2.96	ng		96
83) Bis(2-ethylhexyl)phthalate	13.91	149	190781	2.26	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	190537	2.10	ng		97
87) Benzo(b)fluoranthene	14.99	252	256740	2.38	ng	#	93
88) Benzo(k)fluoranthene	15.02	252	243155m	2.82	ng		
89) Benzo(a)pyrene	15.33	252	212411	2.35	ng	#	96
90) Dibenzo(a,h)anthracene	16.71	278	157485	2.21	ng		98
91) Benzo(g,h,i)perylene	17.06	276	170422	2.36	ng	#	93

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

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Misc :
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Instrument :
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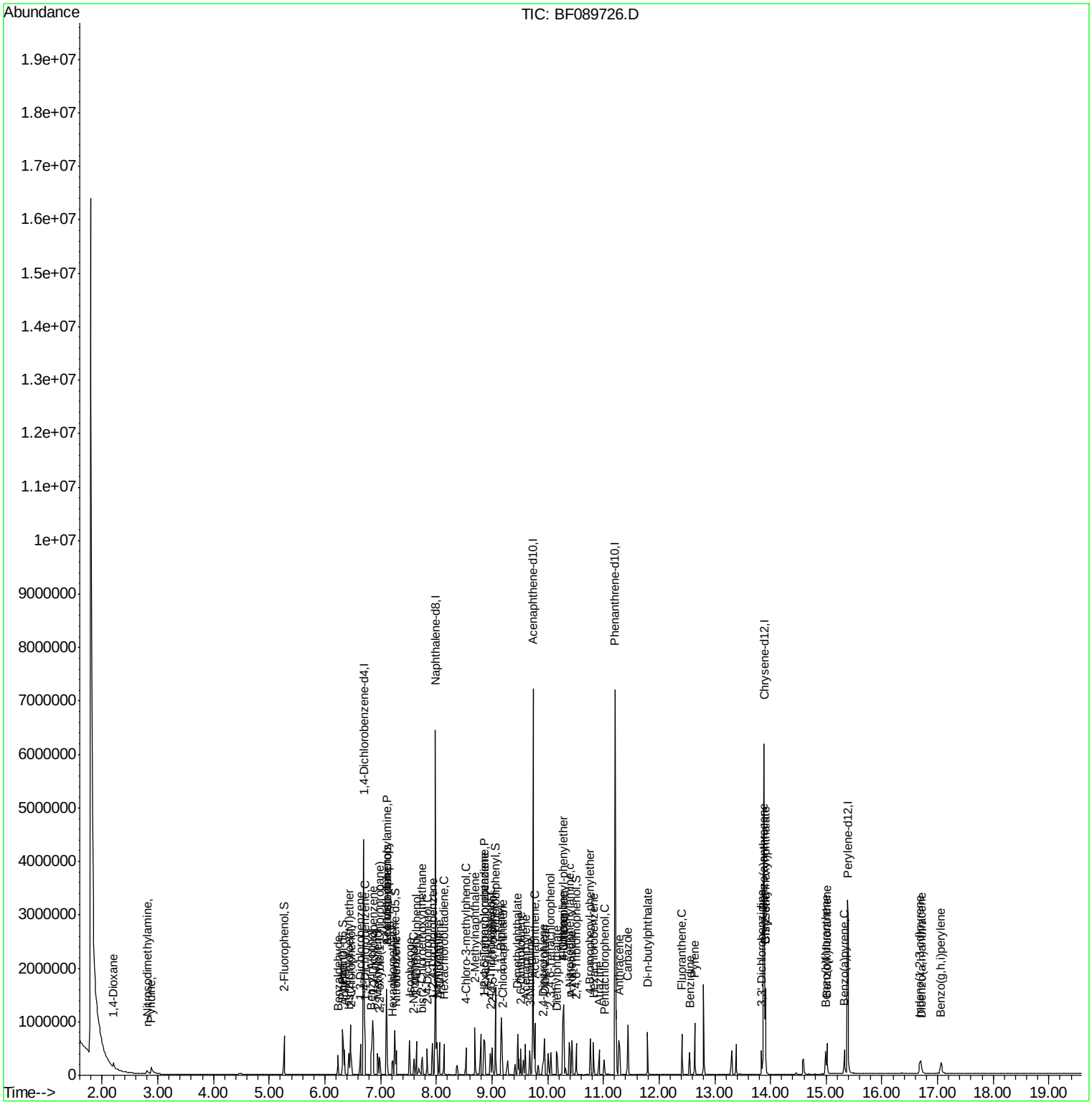
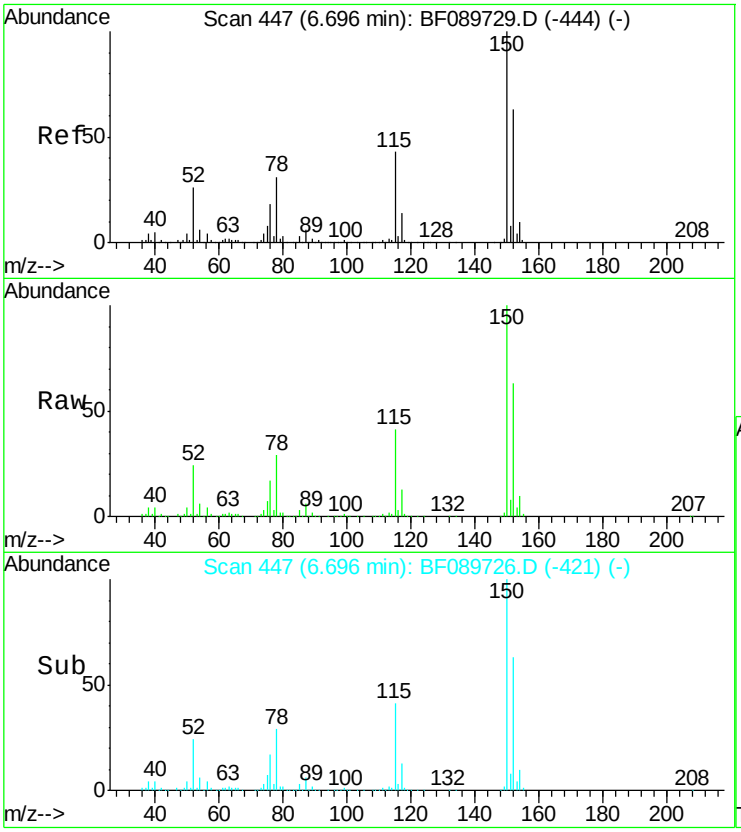
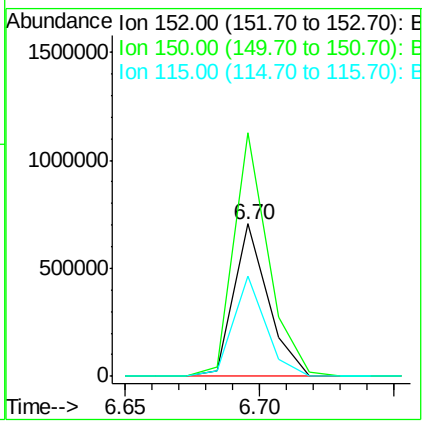




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:152 Resp: 626946

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.3	187.9
115	65.5	40.9	61.3#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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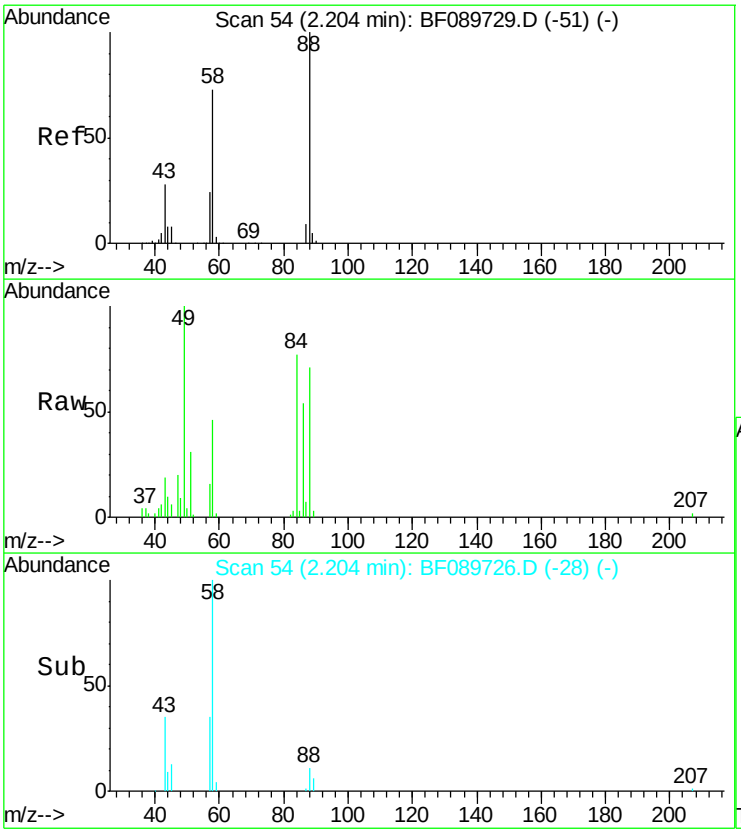
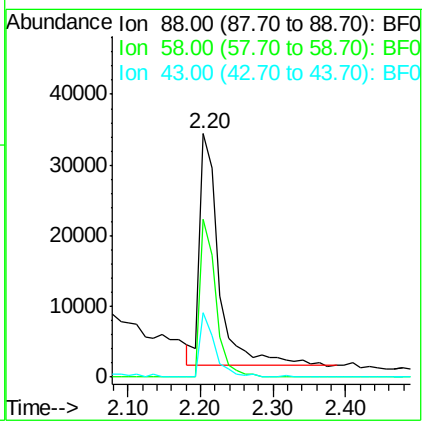
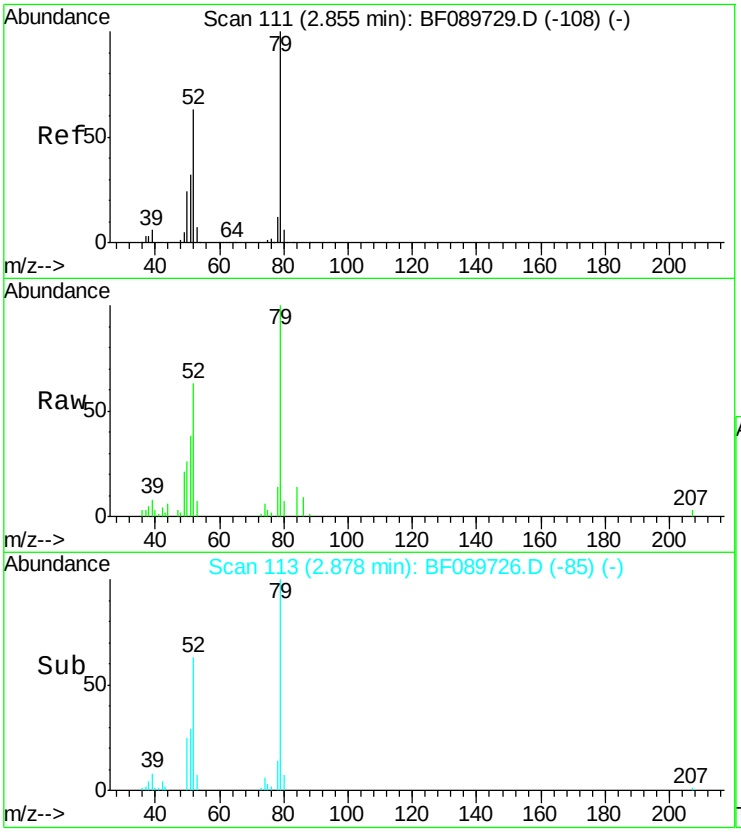


#2
1,4-Dioxane
Concen: 3.03 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 88 Resp: 61588

Ion	Ratio	Lower	Upper
88	100		
58	54.2	57.0	85.4#
43	21.3	21.8	32.8#

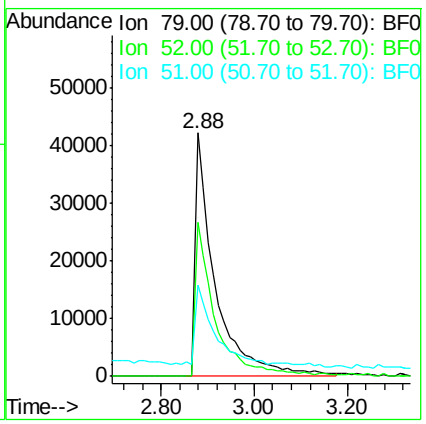




#3
Pyridine
Concen: 2.47 ng
RT: 2.88 min Scan# 113
Delta R.T. 0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 79 Resp: 125154

Ion	Ratio	Lower	Upper
79	100		
52	63.3	53.6	80.4
51	37.6	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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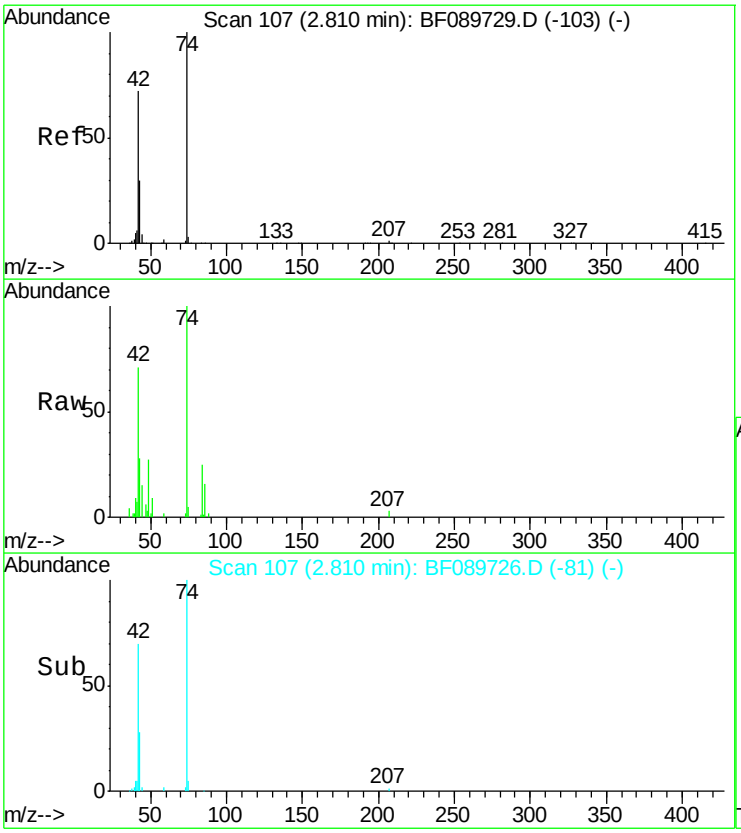
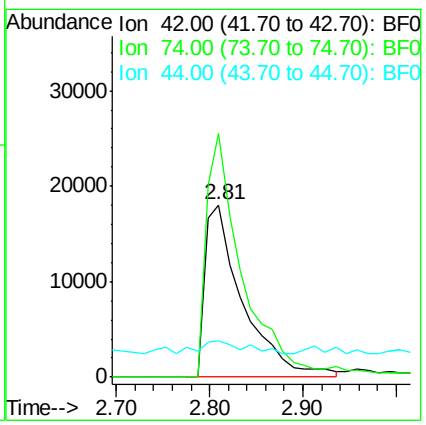
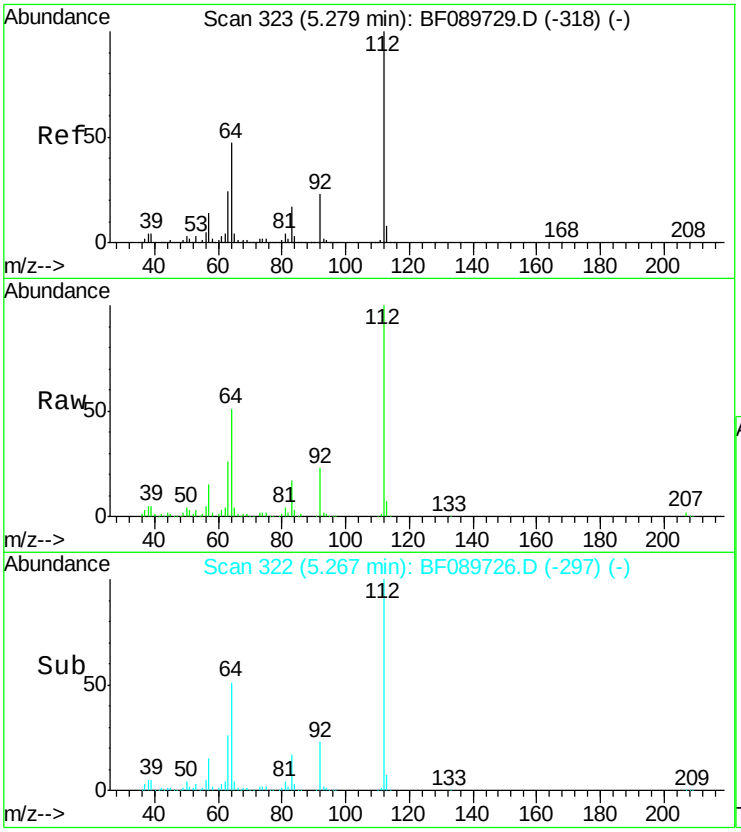


#4
n-Nitrosodimethylamine
Concen: 2.39 ng
RT: 2.81 min Scan# 107
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 42 Resp: 50878

Ion	Ratio	Lower	Upper
42	100		
74	141.1	106.2	159.2
44	20.9	6.9	10.3#

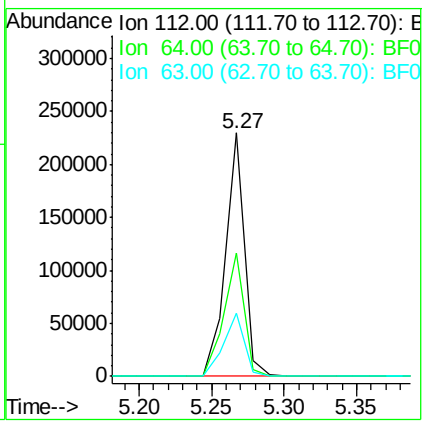




#5
2-Fluorophenol
Concen: 2.65 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:112 Resp: 207411

Ion	Ratio	Lower	Upper
112	100		
64	50.5	45.0	67.4
63	26.1	23.1	34.7



Instrument :
BNA_F
ClientSampleId :
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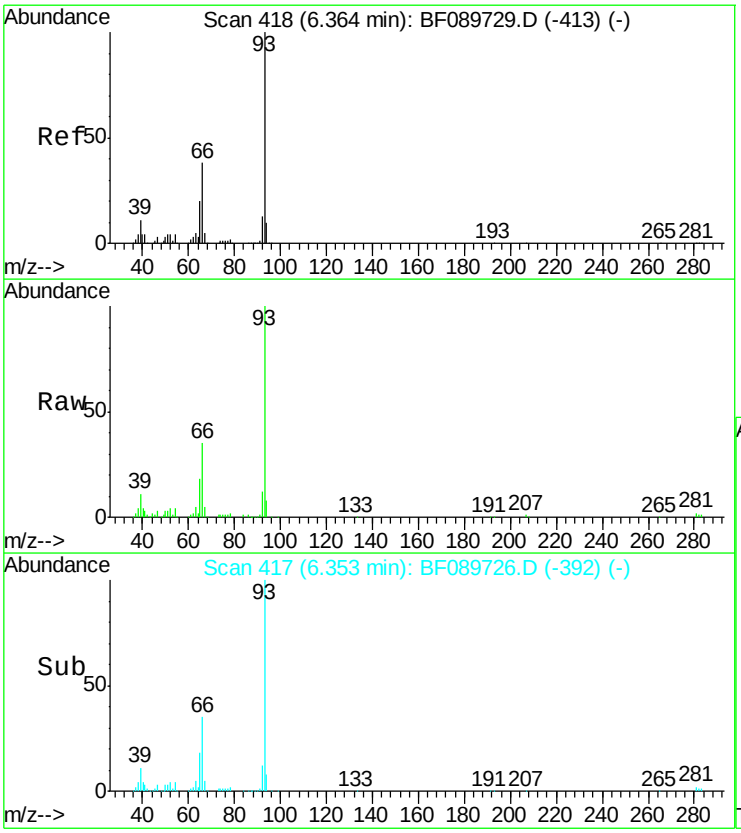
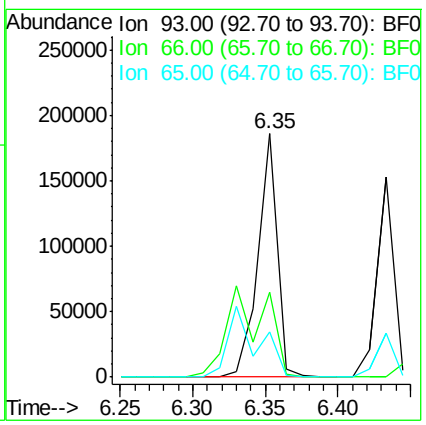
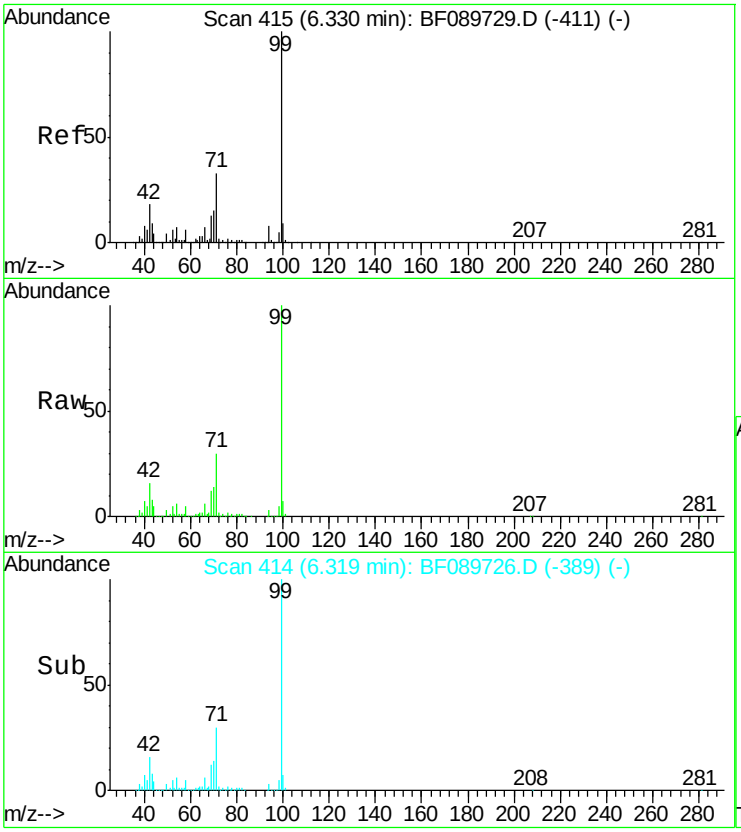


#6
Aniline
Concen: 2.55 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 93 Resp: 172226

Ion	Ratio	Lower	Upper
93	100		
66	35.1	30.6	46.0
65	18.4	15.4	23.2

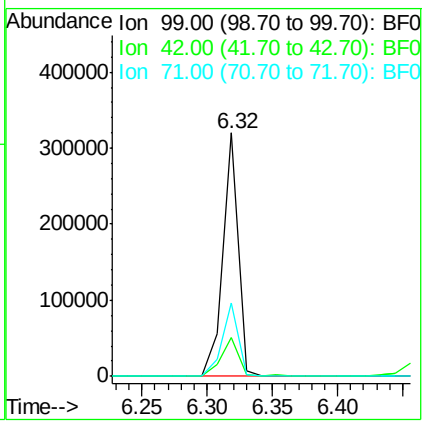




#7
Phenol-d6
Concen: 2.72 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 99 Resp: 265299

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.4
71	29.9	23.8	35.8



Instrument :
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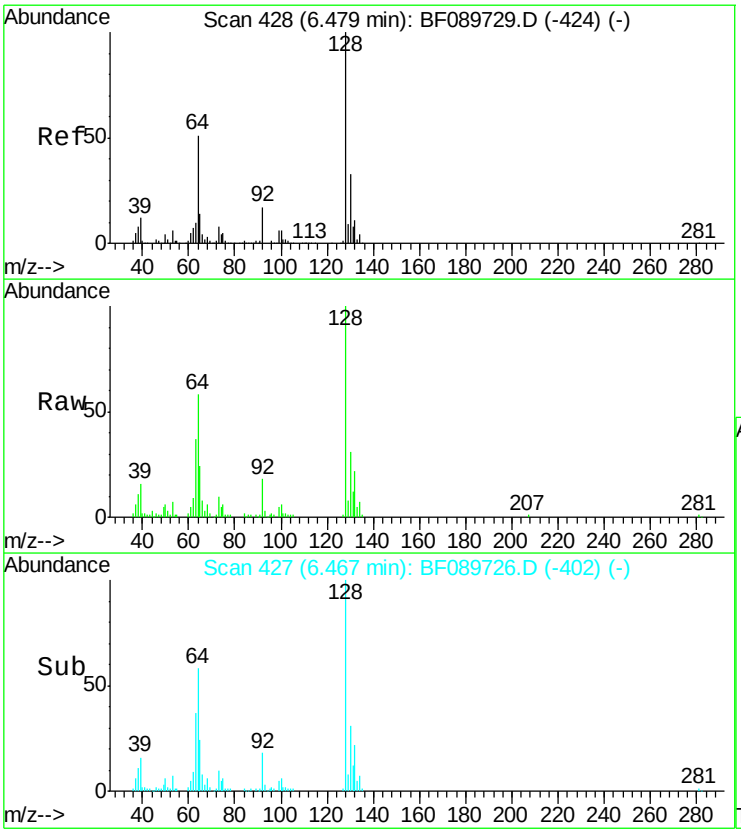
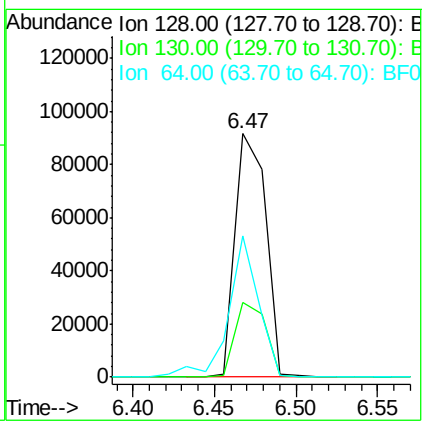
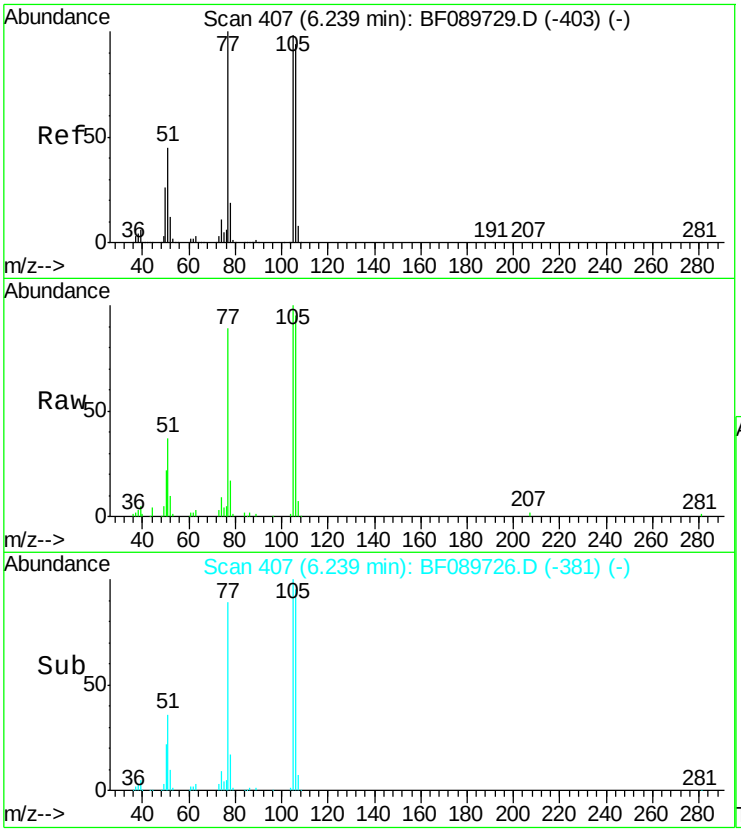


#8
2-Chlorophenol
Concen: 2.74 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:128 Resp: 118505

Ion	Ratio	Lower	Upper
128	100		
130	30.7	12.0	52.0
64	57.9	35.1	75.1

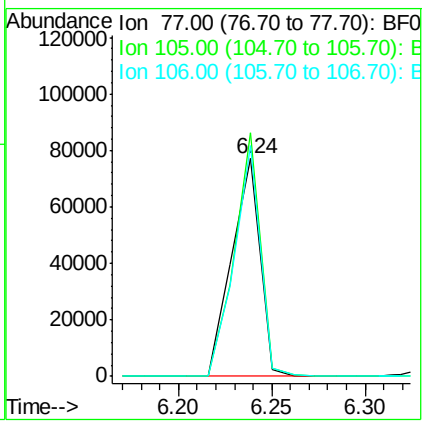




#9
Benzaldehyde
Concen: 2.49 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 77 Resp: 82129

Ion	Ratio	Lower	Upper
77	100		
105	111.8	73.3	113.3
106	106.1	68.6	108.6



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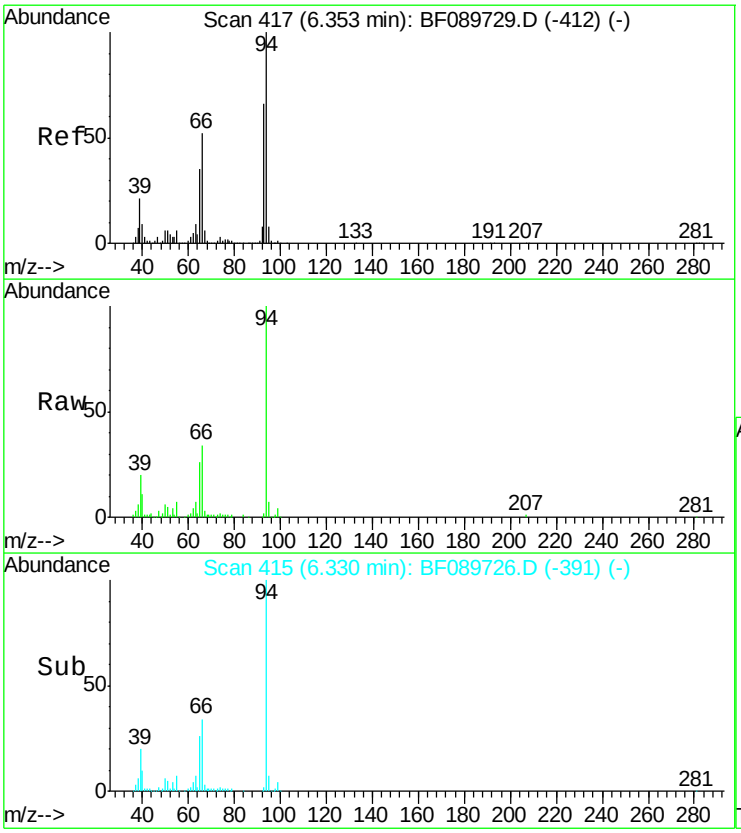
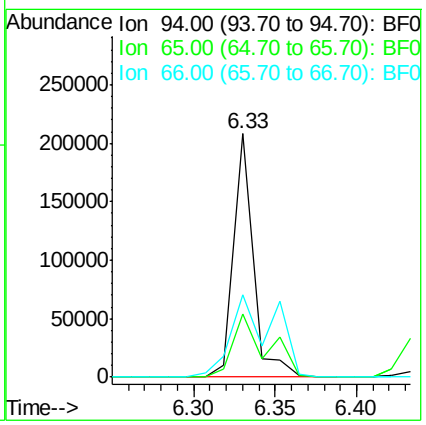
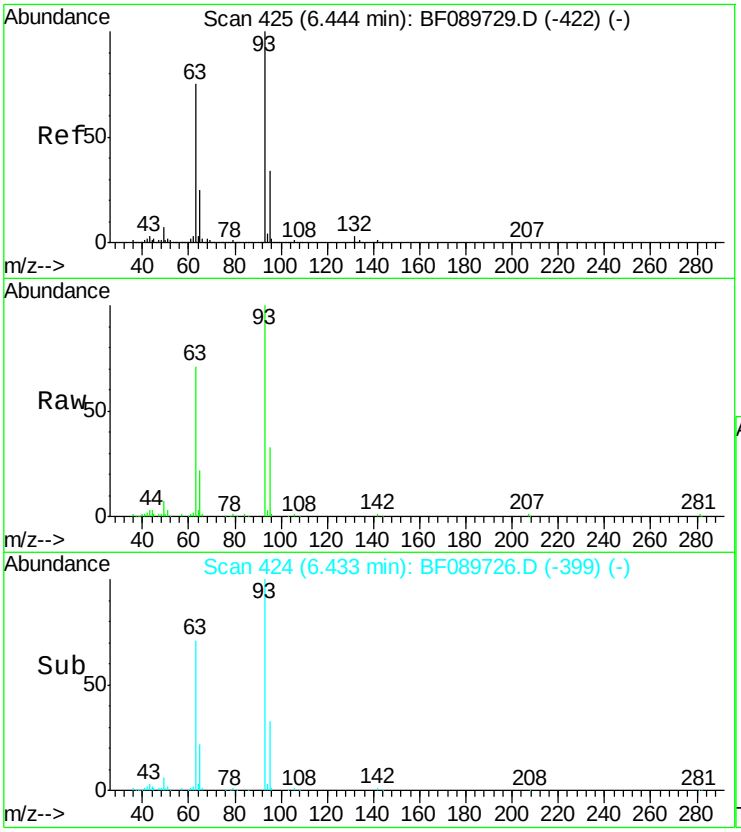


#10
Phenol
Concen: 2.93 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 94 Resp: 171891

Ion	Ratio	Lower	Upper
94	100		
65	26.0	14.0	54.0
66	33.6	31.2	71.2

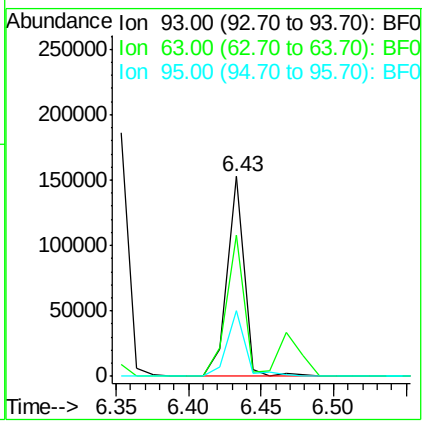




#11
bis(2-Chloroethyl)ether
Concen: 2.92 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 93 Resp: 125469

Ion	Ratio	Lower	Upper
93	100		
63	70.7	55.8	95.8
95	32.8	13.0	53.0



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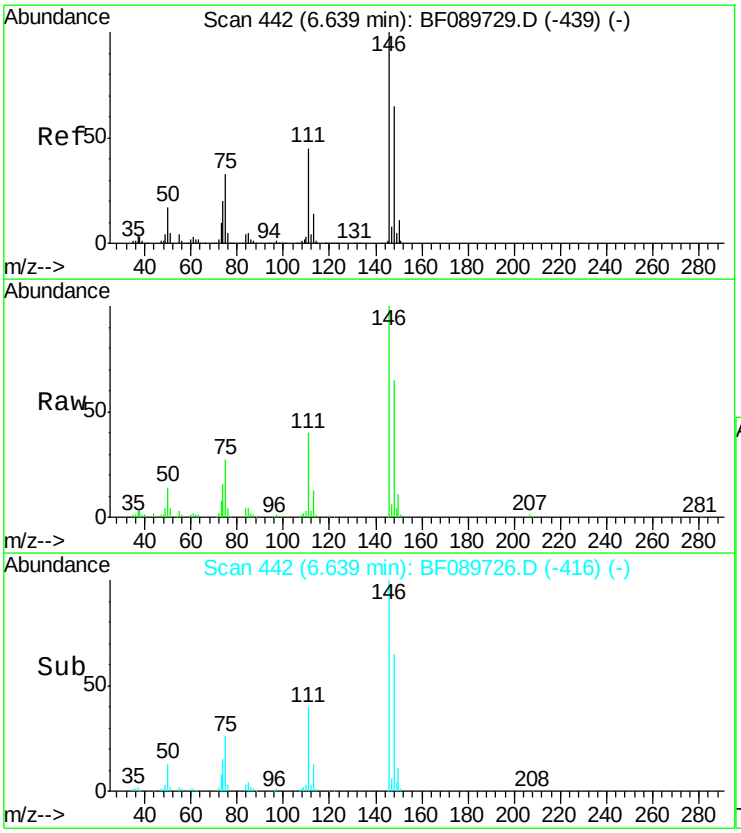
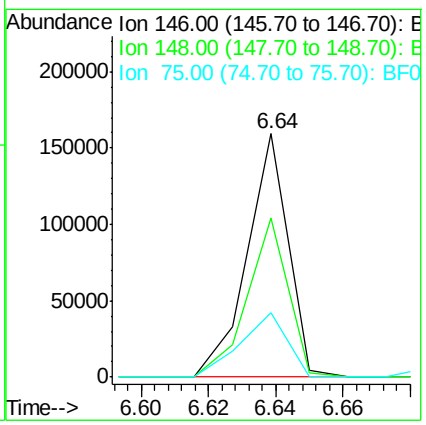
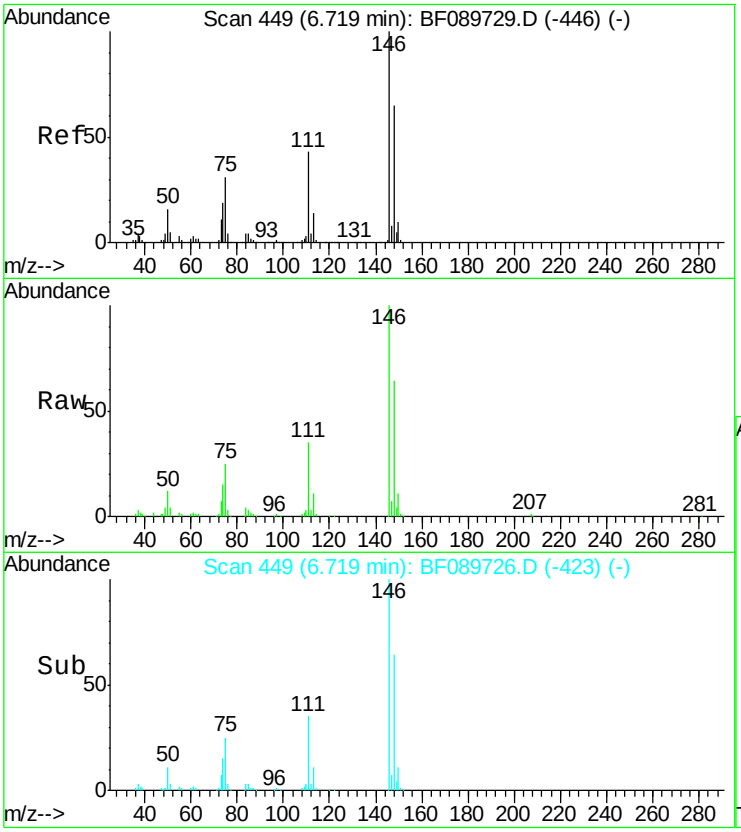


#12
1,3-Dichlorobenzene
Concen: 2.89 ng m
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:146 Resp: 135031

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
75	26.7	27.0	40.6#

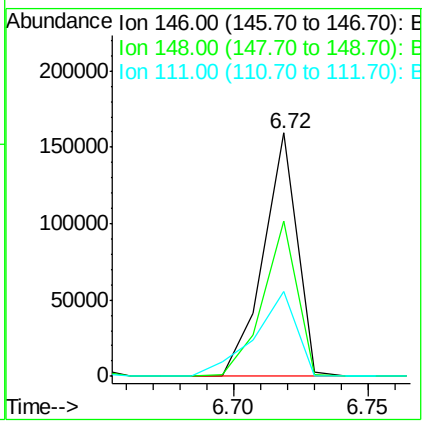




#13
1,4-Dichlorobenzene
Concen: 2.95 ng m
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:146 Resp: 139068

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	34.8	34.6	52.0



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ClientSampleId :
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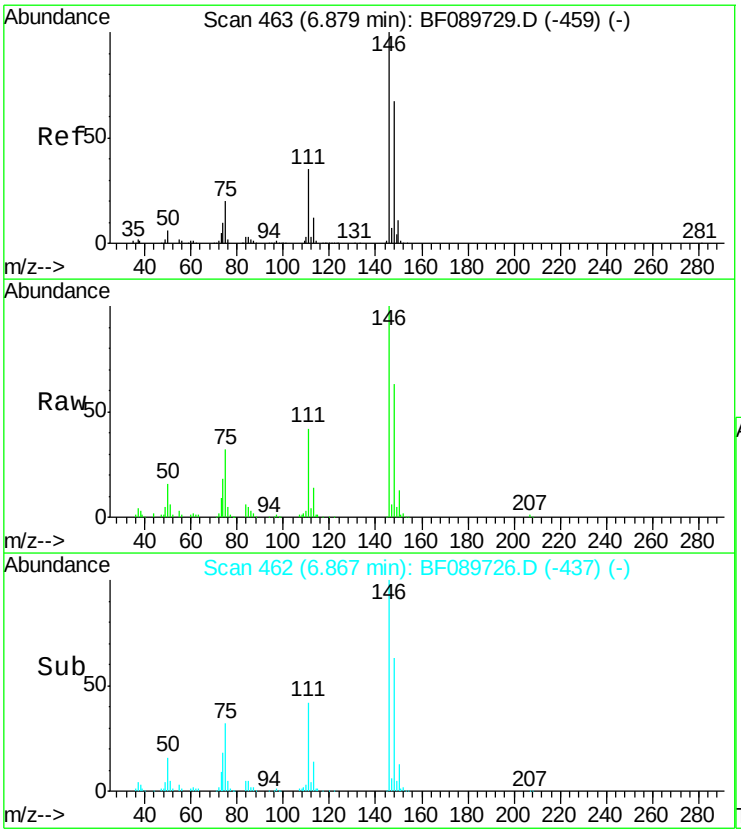
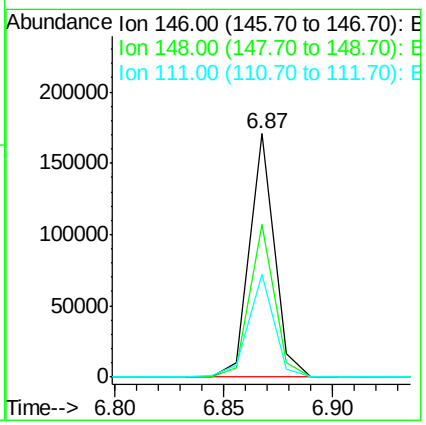
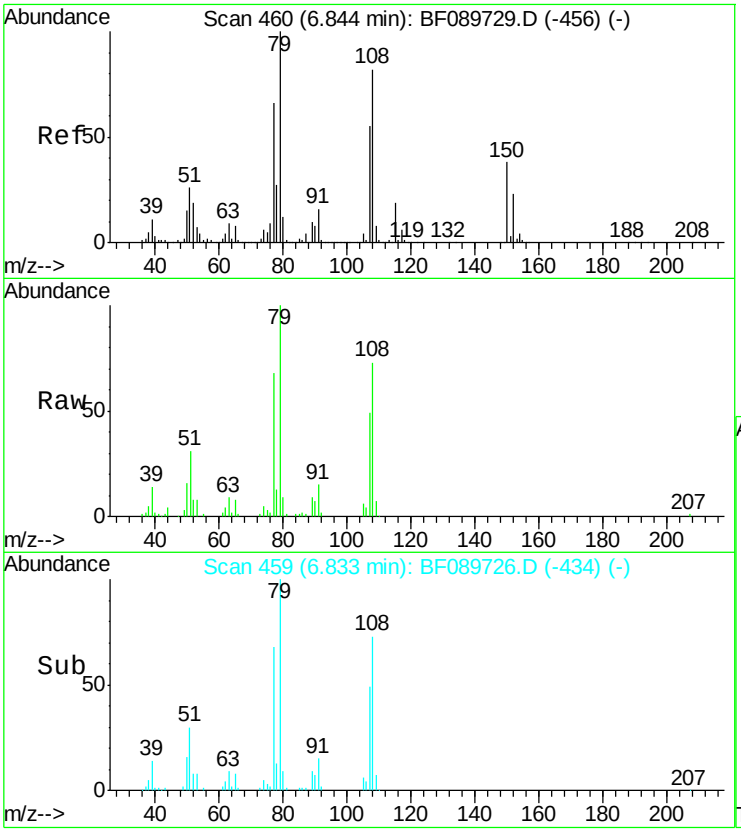


#14
1,2-Dichlorobenzene
Concen: 3.01 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:146 Resp: 135447

Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.5	29.8	44.6

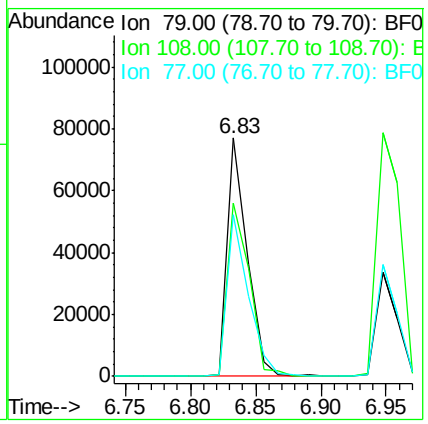




#15
Benzyl Alcohol
Concen: 2.35 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 79 Resp: 82317

Ion	Ratio	Lower	Upper
79	100		
108	72.6	62.5	93.7
77	68.0	51.5	77.3



Instrument :
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ClientSampleId :
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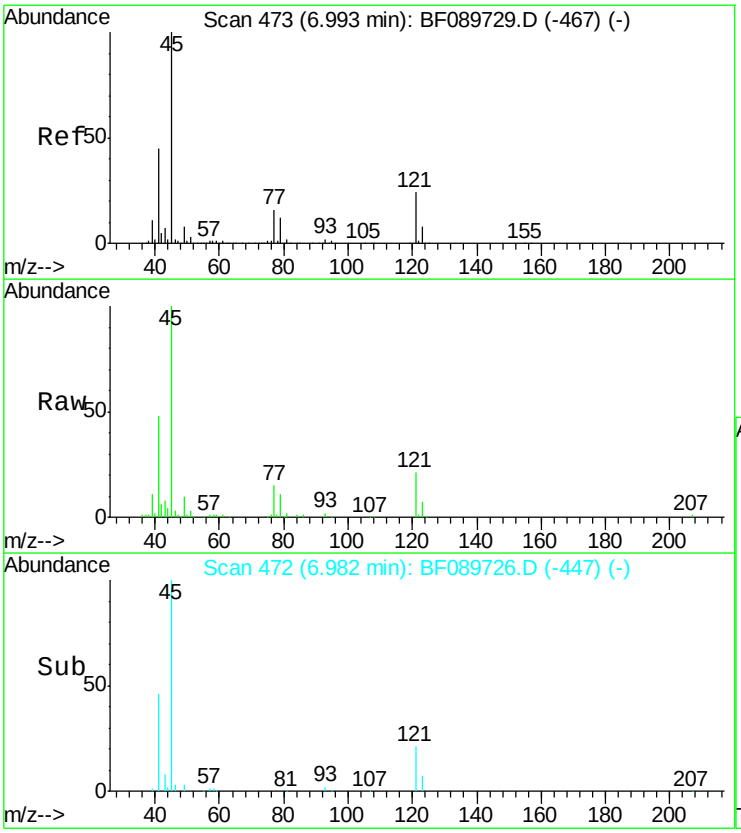
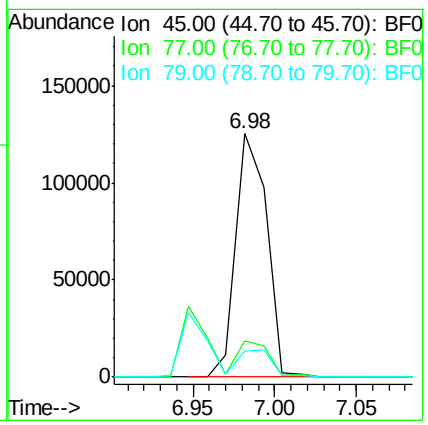
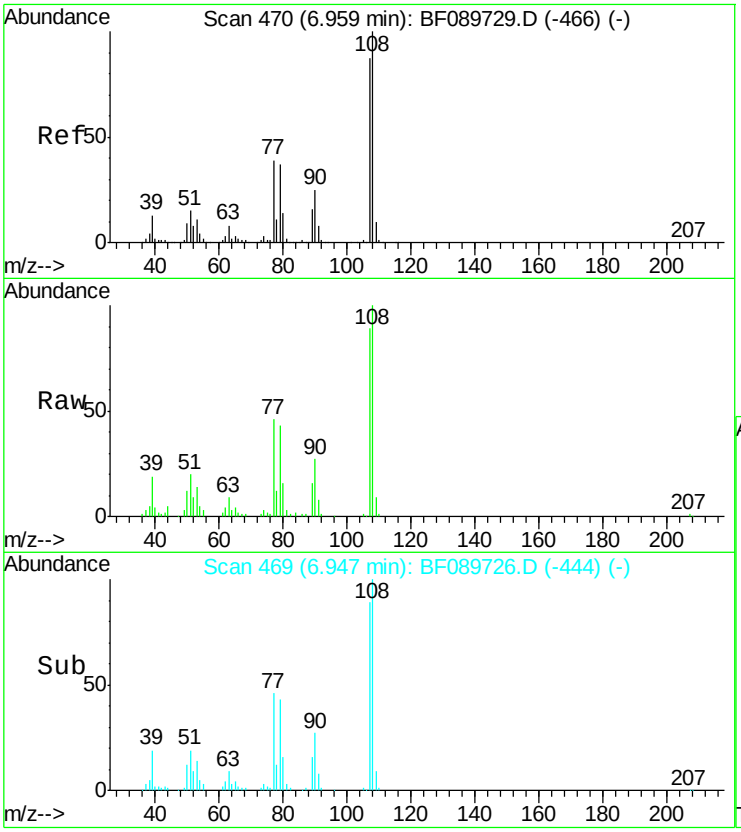


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.98 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 45 Resp: 163384

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	33.5
79	10.5	0.0	30.7

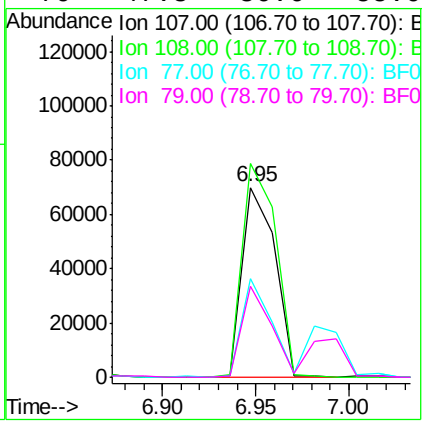




#17
2-Methylphenol
Concen: 2.38 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:107 Resp: 85703

Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.0	136.4
77	51.7	37.4	56.0
79	47.8	36.6	55.0



Instrument :
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ClientSampleId :
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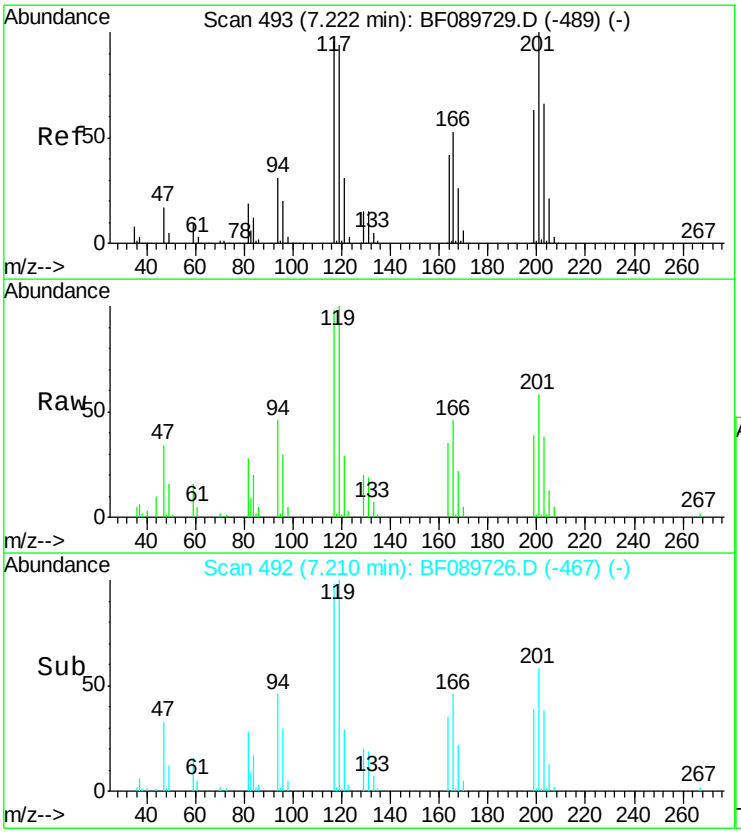
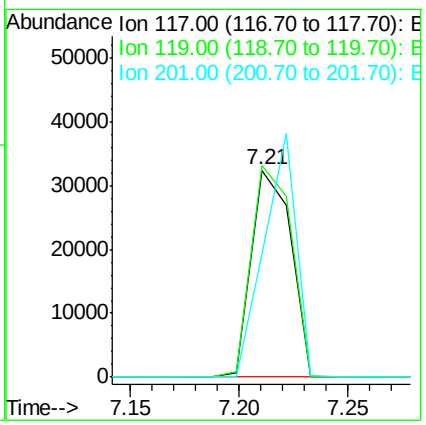
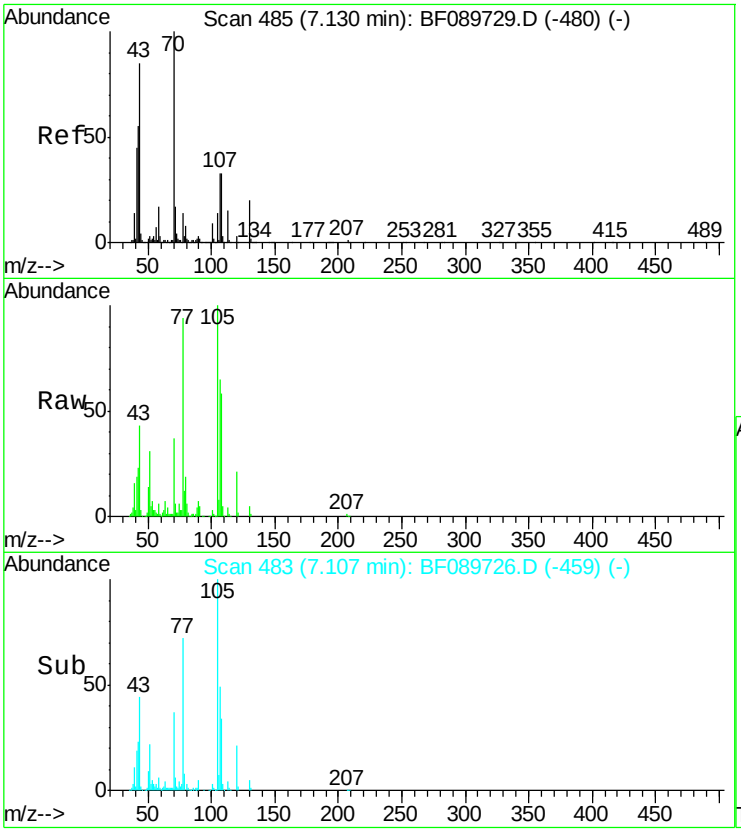


#18
Hexachloroethane
Concen: 2.34 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:117 Resp: 41285

Ion	Ratio	Lower	Upper
117	100		
119	102.4	77.1	115.7
201	59.3	76.9	115.3#

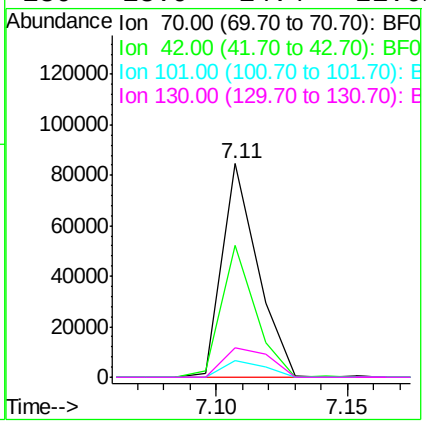




#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng m
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 70 Resp: 79372

Ion	Ratio	Lower	Upper
70	100		
42	61.9	46.3	69.5
101	7.9	7.0	10.6
130	13.9	14.4	21.6#



Instrument :
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ClientSampleId :
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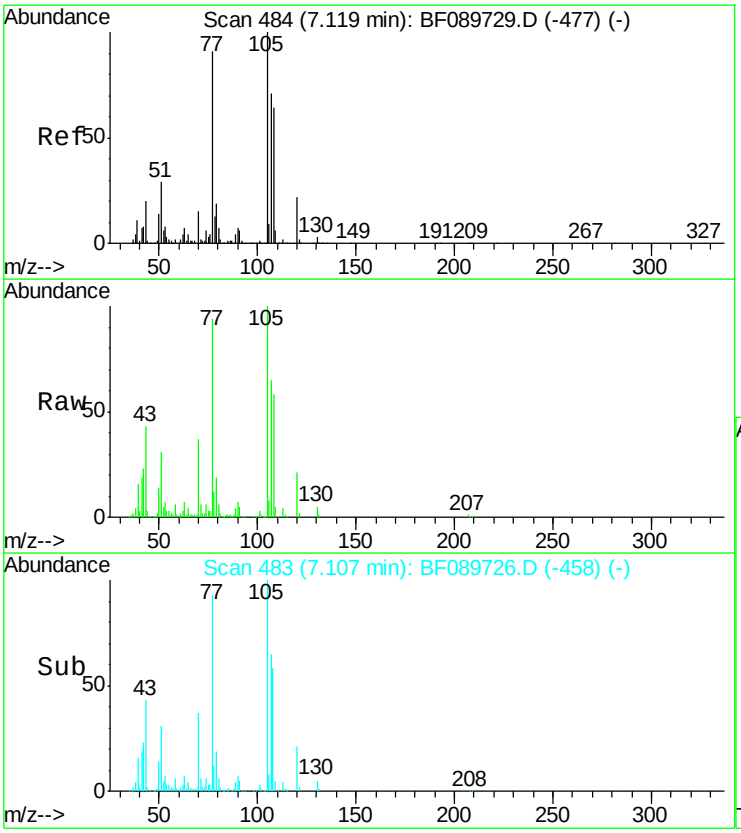
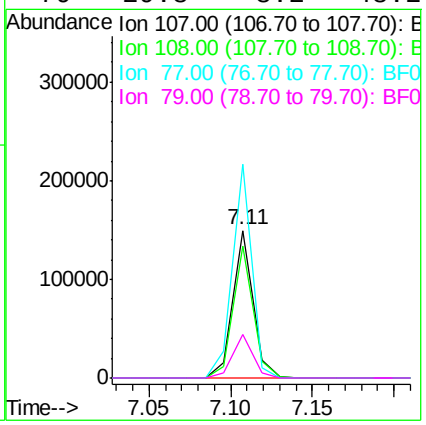
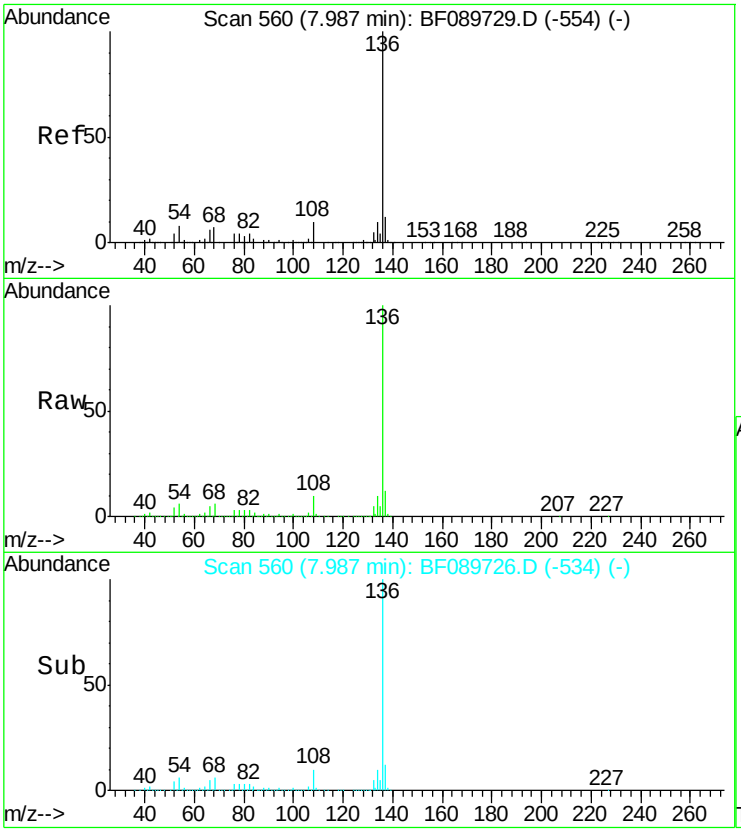


#20
3+4-Methylphenols
Concen: 2.84 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:107 Resp: 125963

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	145.0	122.3	162.3
79	29.8	8.2	48.2

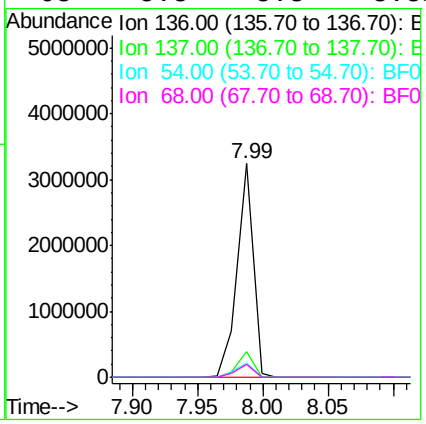




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:136 Resp: 2759351

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.4	7.2	10.8#
68	5.8	5.8	8.8#



Instrument :
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ClientSampleId :
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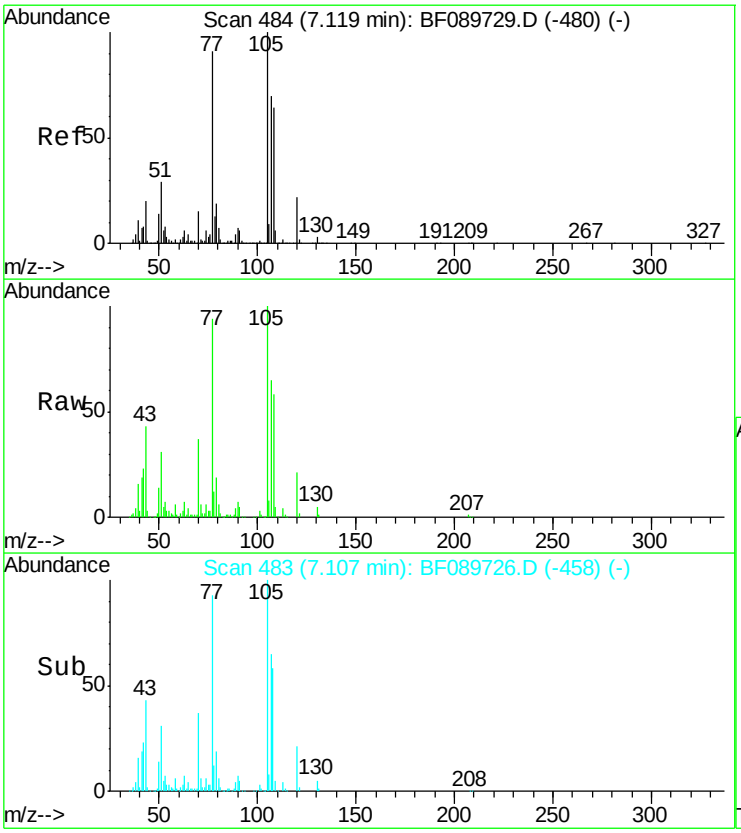
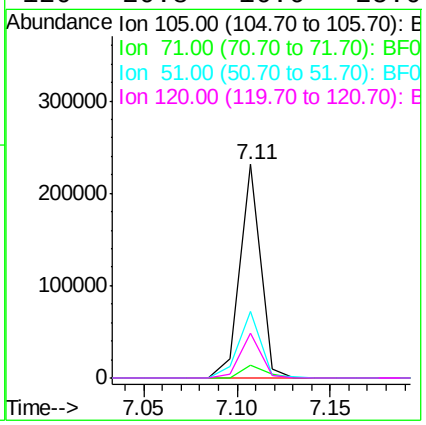
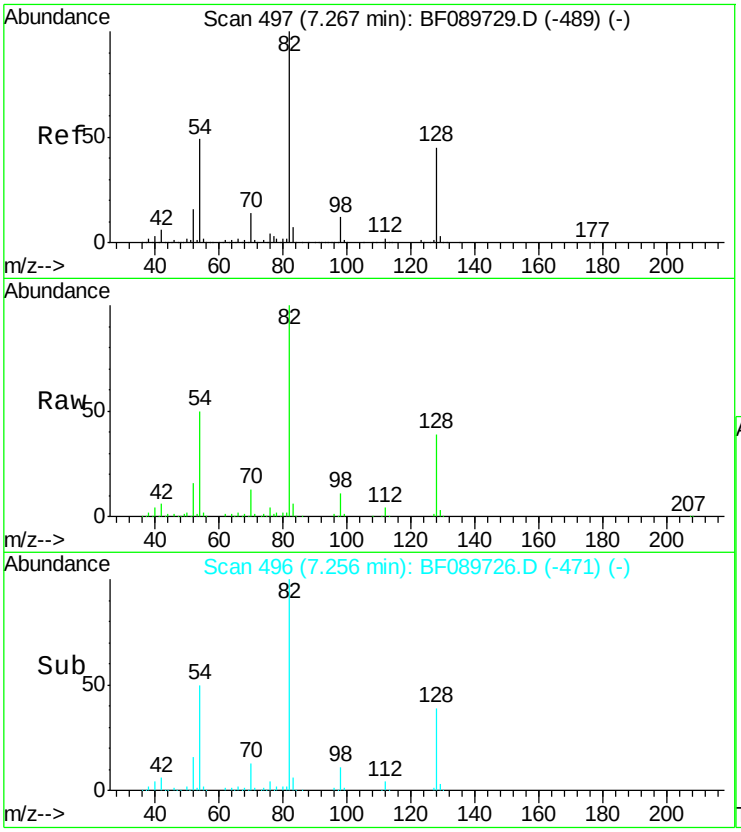


#22
Acetophenone
Concen: 2.75 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:105 Resp: 180652

Ion	Ratio	Lower	Upper
105	100		
71	6.0	1.9	2.9#
51	31.4	28.5	42.7
120	20.8	16.6	25.0

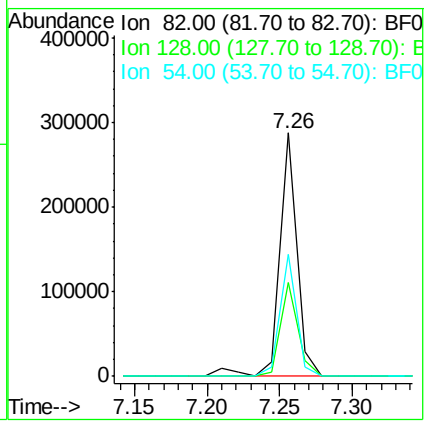




#23
Nitrobenzene-d5
Concen: 2.62 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 82 Resp: 238873

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.4	51.6
54	50.2	40.3	60.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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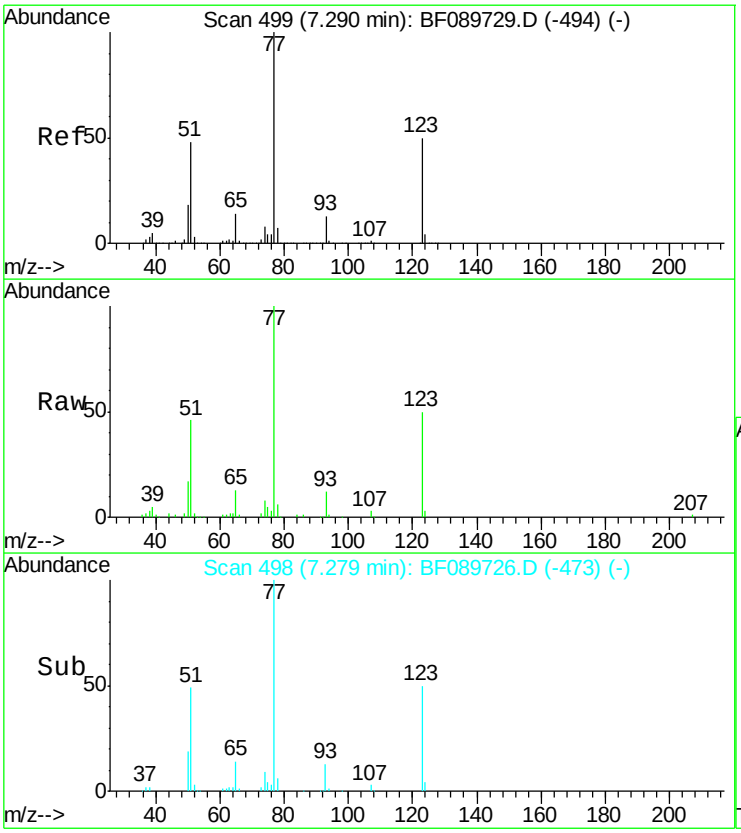
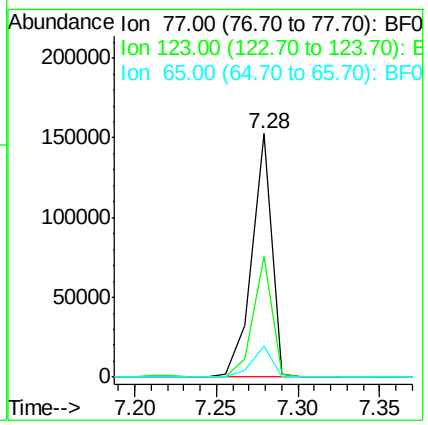
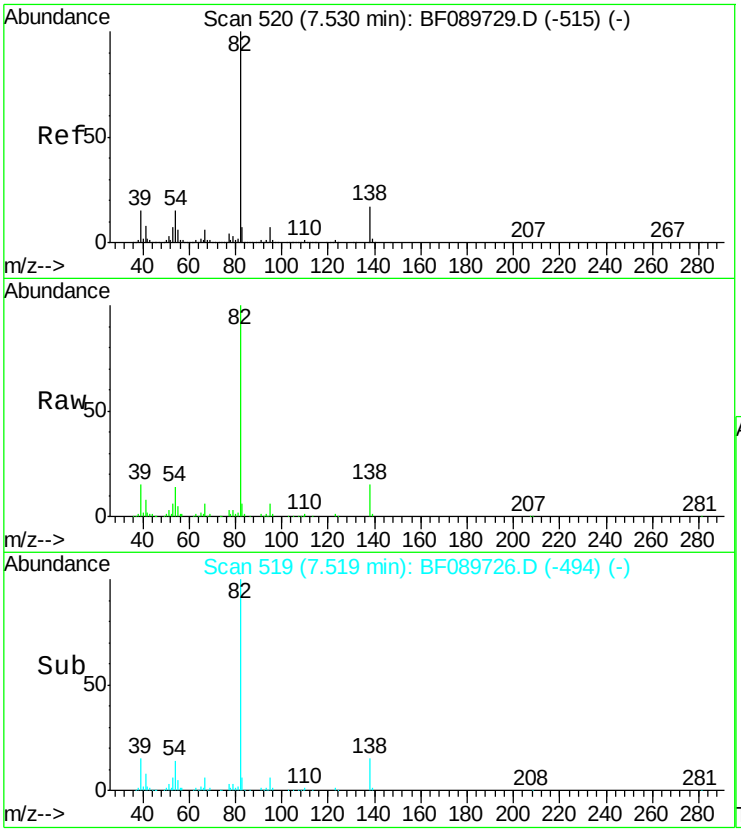


#24
Nitrobenzene
Concen: 2.65 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 77 Resp: 129644

Ion	Ratio	Lower	Upper
77	100		
123	49.6	36.2	54.2
65	12.8	10.6	15.8

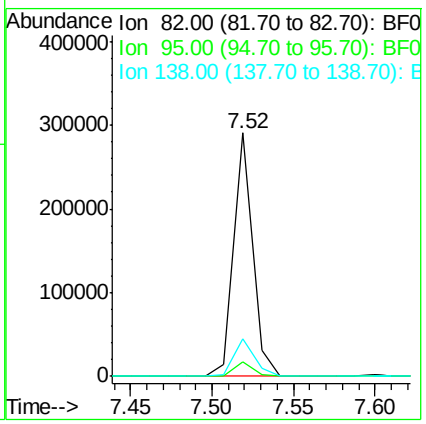




#25
Isophorone
Concen: 2.54 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 82 Resp: 231569

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.3	7.9
138	15.2	13.0	19.4



Instrument :
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ClientSampleId :
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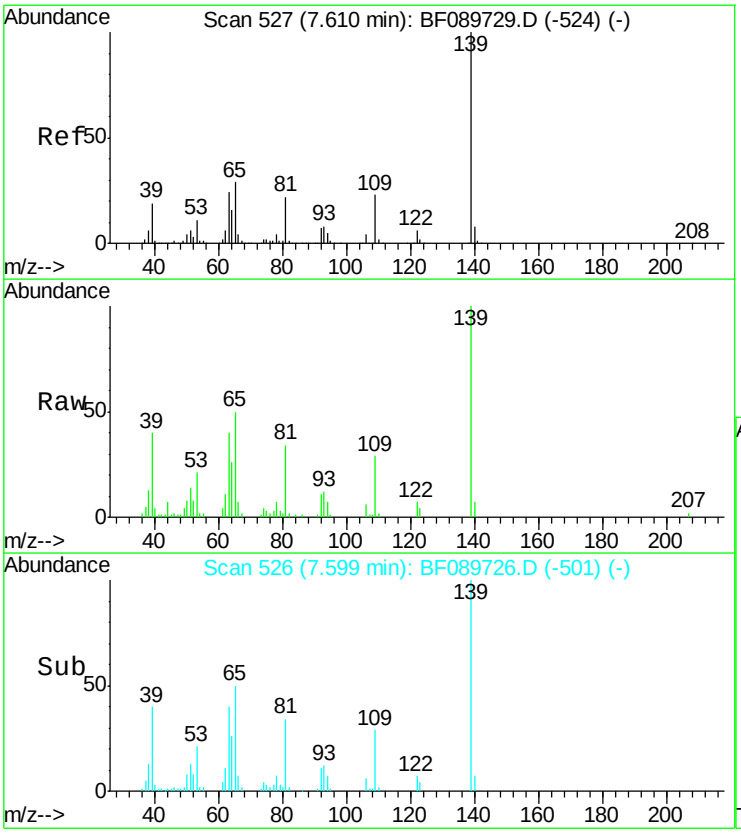
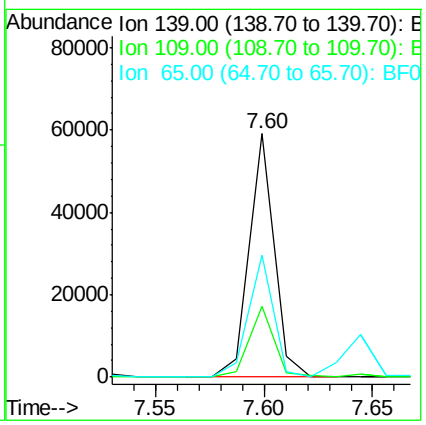
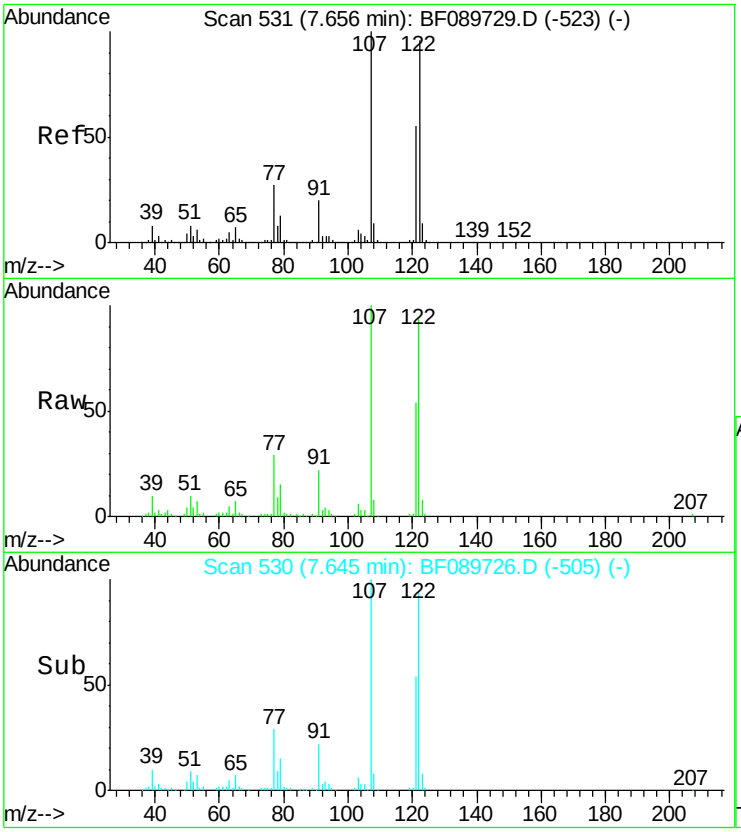


#26
2-Nitrophenol
Concen: 2.08 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:139 Resp: 47199

Ion	Ratio	Lower	Upper
139	100		
109	29.2	19.5	29.3
65	50.1	26.5	39.7#

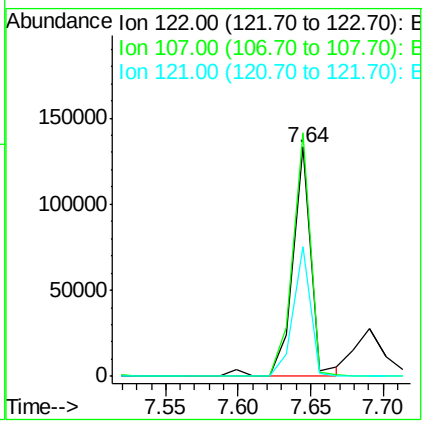




#27
2,4-Dimethylphenol
Concen: 2.60 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:122 Resp: 117114

Ion	Ratio	Lower	Upper
122	100		
107	106.4	84.8	127.2
121	56.9	47.0	70.6



Instrument :
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ClientSampleId :
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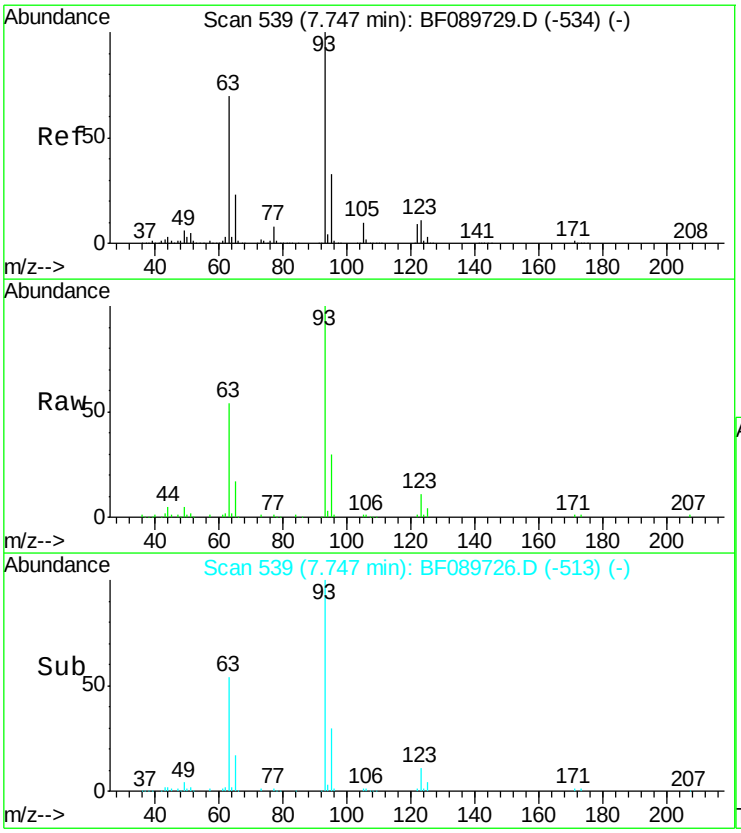
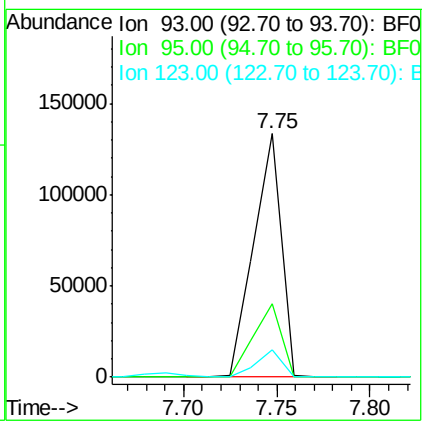
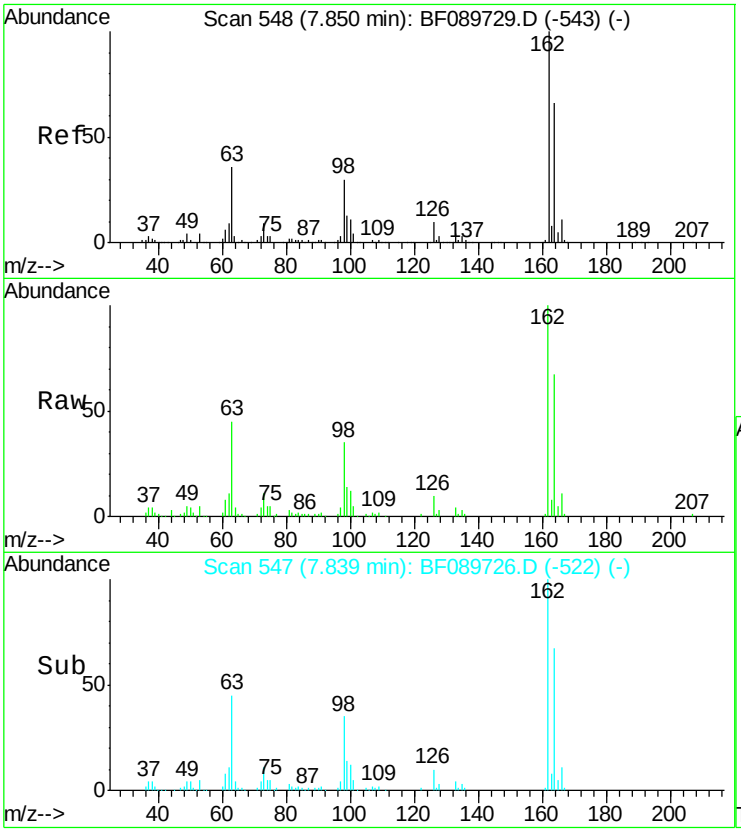


#28
bis(2-Chloroethoxy)methane
Concen: 2.36 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 93 Resp: 136402

Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.5	38.3
123	11.1	8.5	12.7

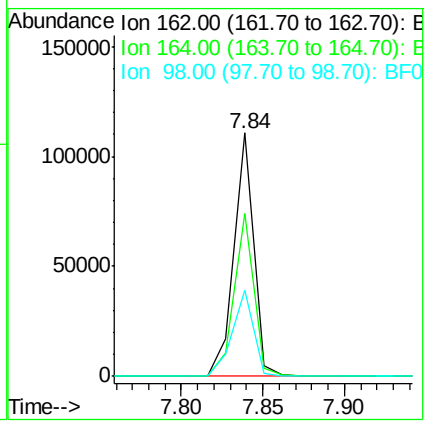




#29
2,4-Dichlorophenol
Concen: 2.40 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:162 Resp: 92111

Ion	Ratio	Lower	Upper
162	100		
164	66.9	45.5	85.5
98	35.3	12.4	52.4



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ClientSampleId :
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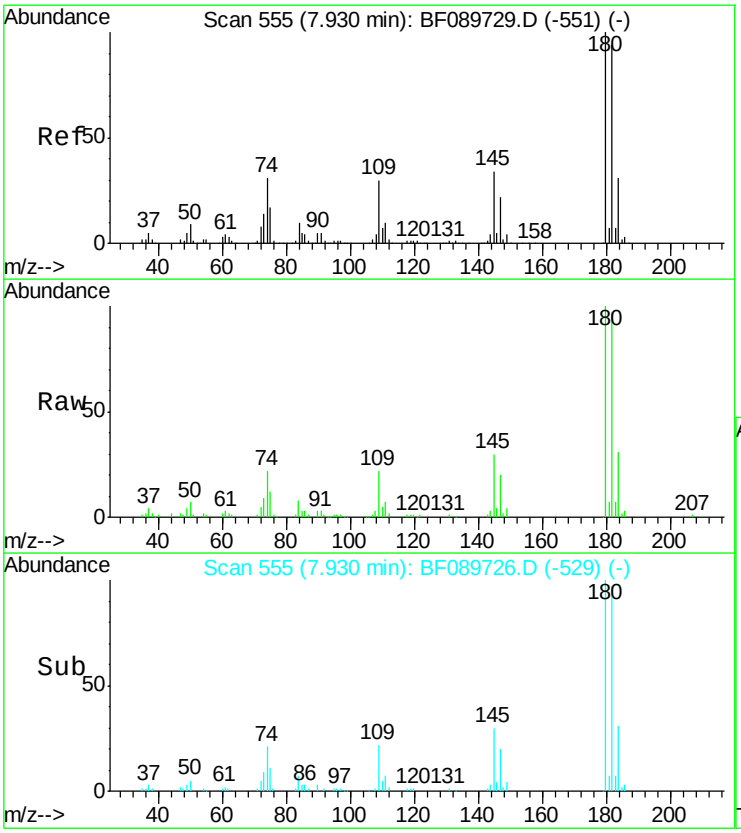
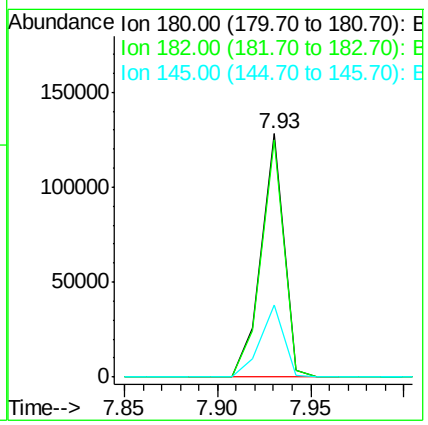
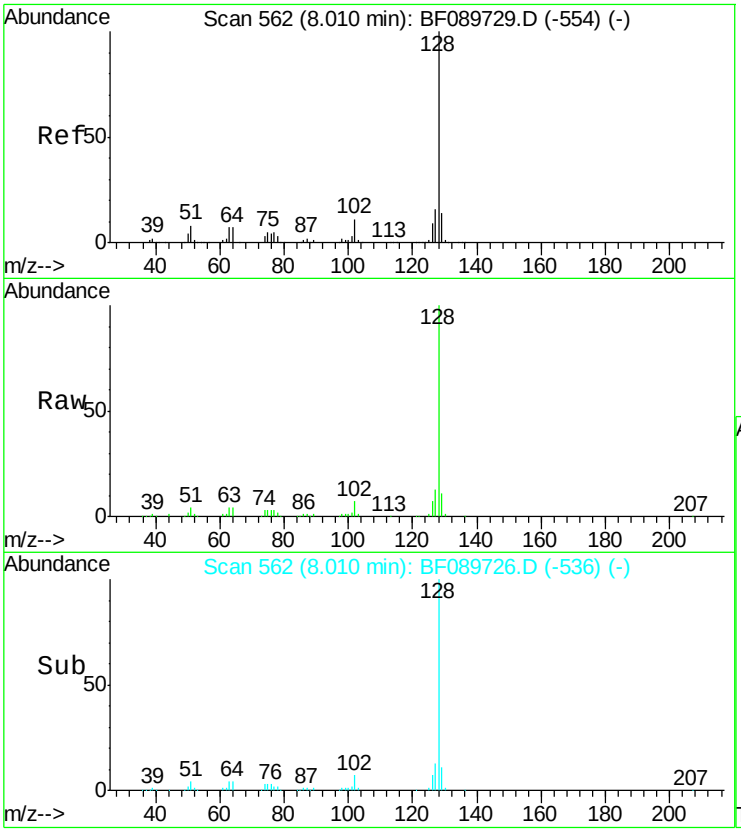


#30
1,2,4-Trichlorobenzene
Concen: 2.68 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:180 Resp: 108197

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.5	113.3
145	29.6	28.7	43.1

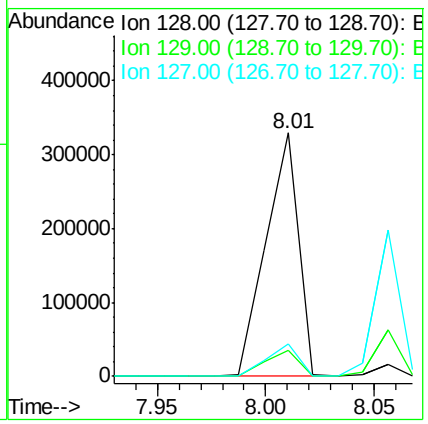




#31
Naphthalene
Concen: 2.79 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:128 Resp: 346605

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	13.4	11.3	16.9



Instrument :
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ClientSampleId :
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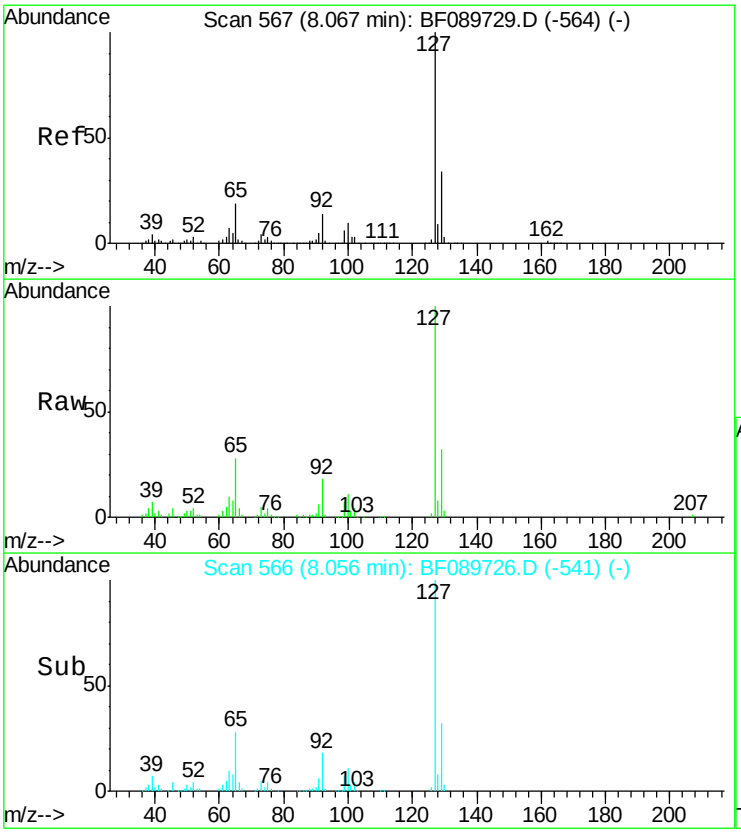
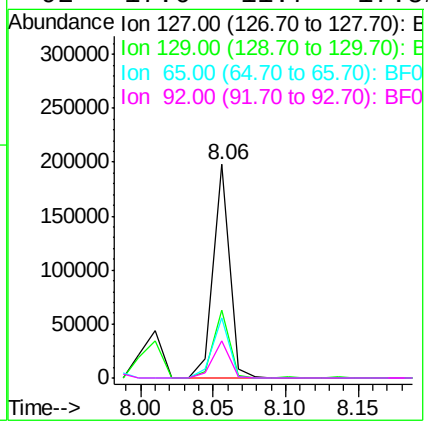
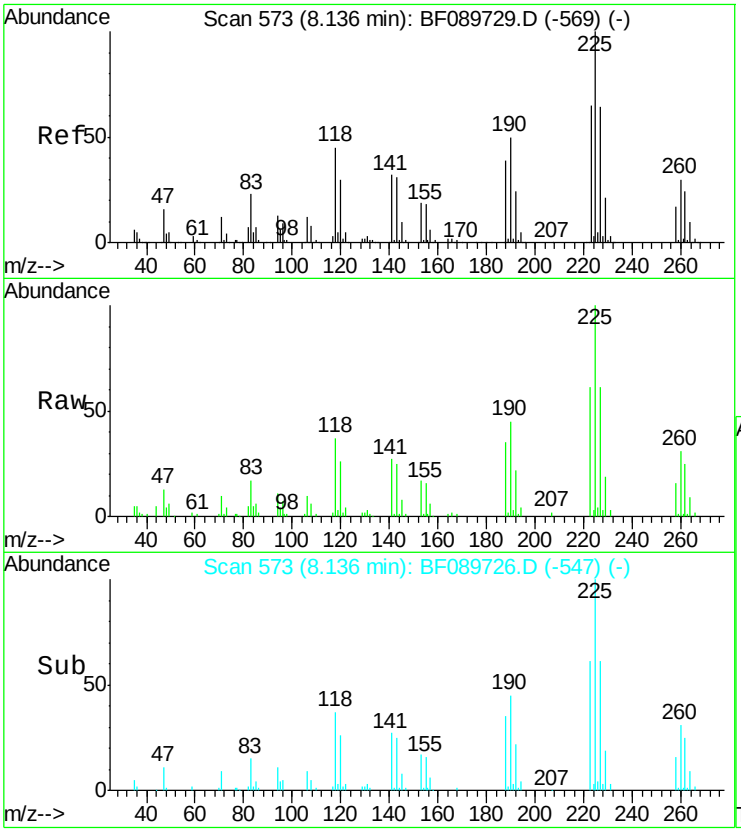


#33
4-Chloroaniline
Concen: 2.61 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:127 Resp: 155281

Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.6
65	28.2	14.7	22.1#
92	17.6	11.7	17.5#

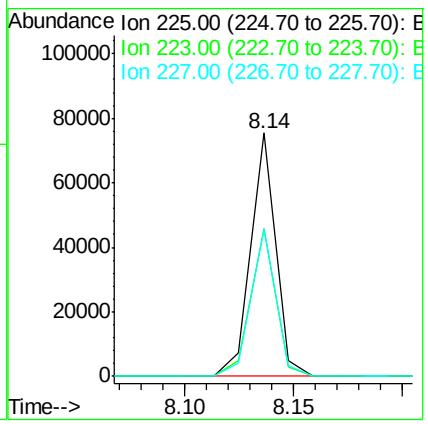




#34
Hexachlorobutadiene
Concen: 2.92 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:225 Resp: 60113

Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.0	76.6
227	60.6	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
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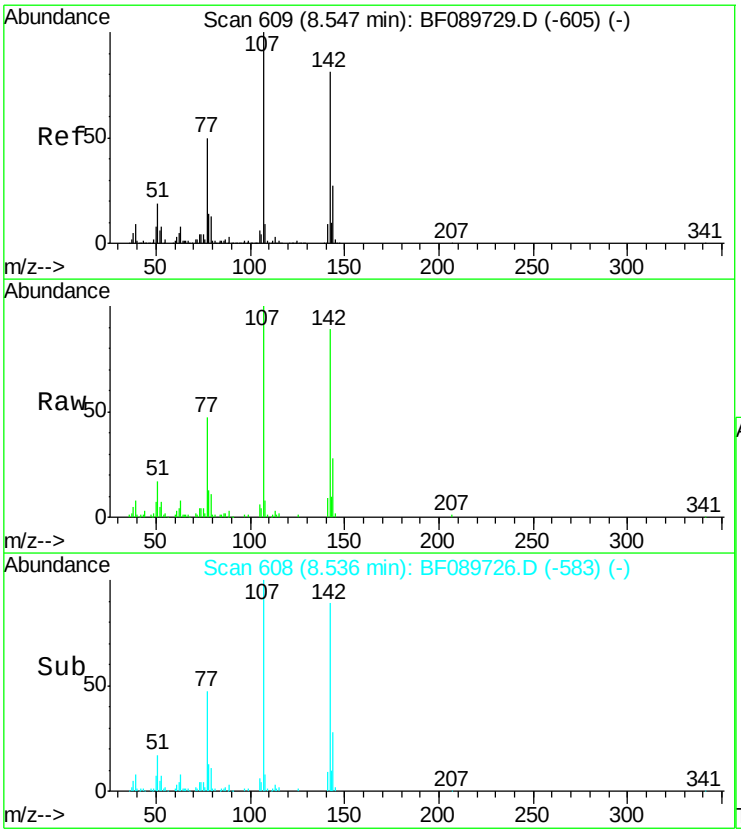
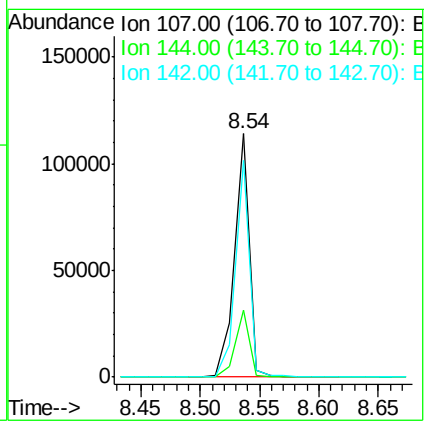
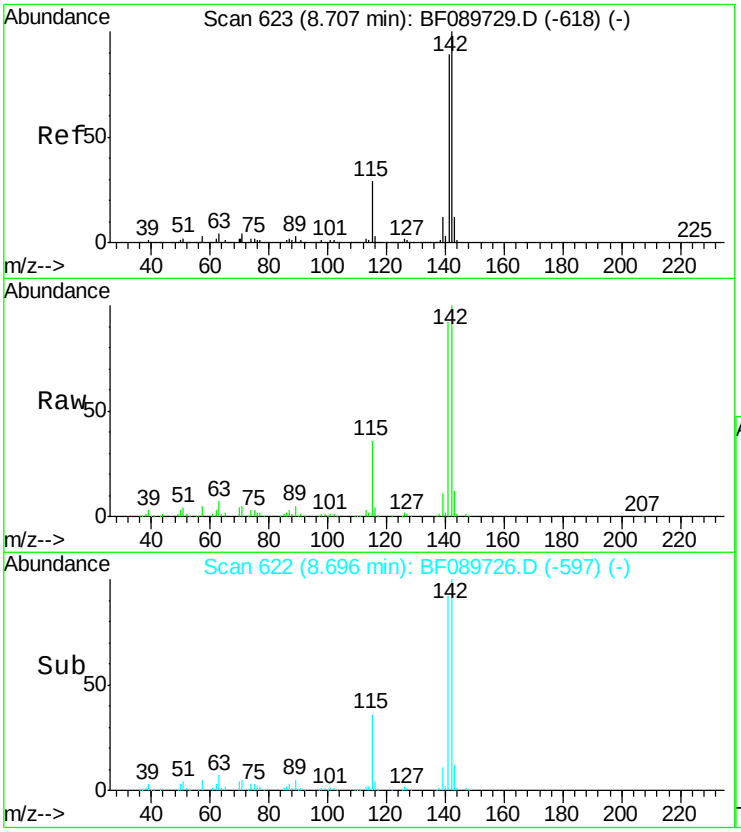


#36
4-Chloro-3-methylphenol
Concen: 2.49 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:107 Resp: 99448

Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.6	34.0
142	89.2	69.3	103.9

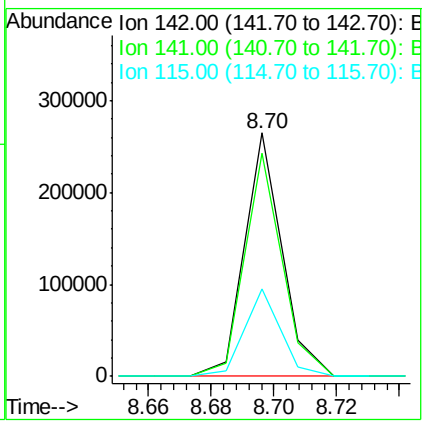




#37
2-Methylnaphthalene
Concen: 2.57 ng m
RT: 8.70 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:142 Resp: 220008

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2
115	36.0	22.7	34.1#



Instrument :
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ClientSampleId :
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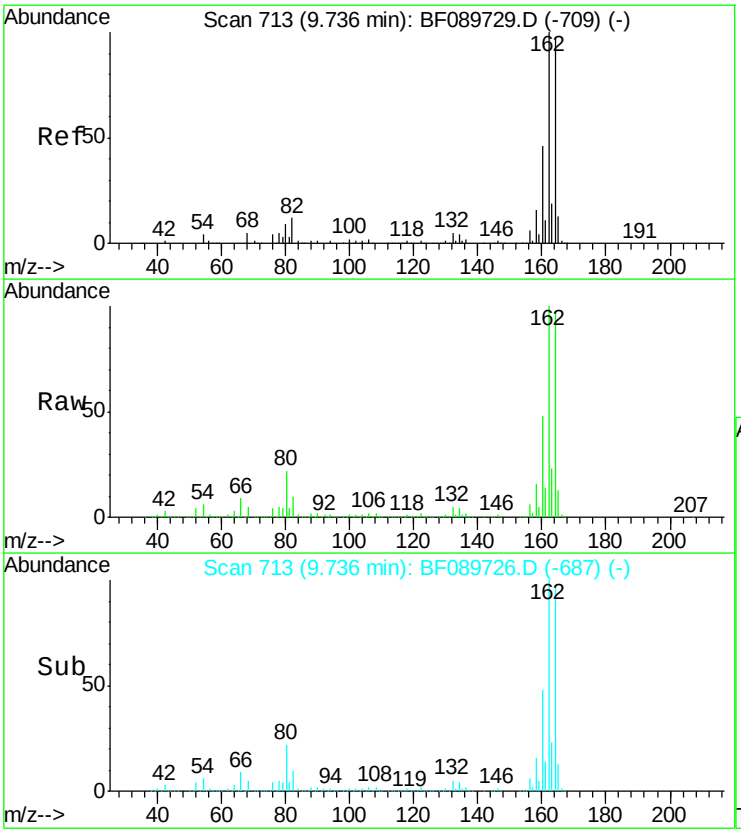
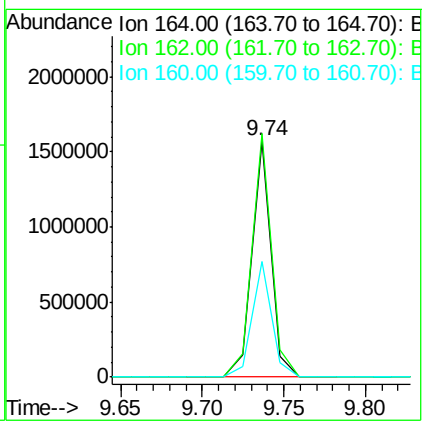
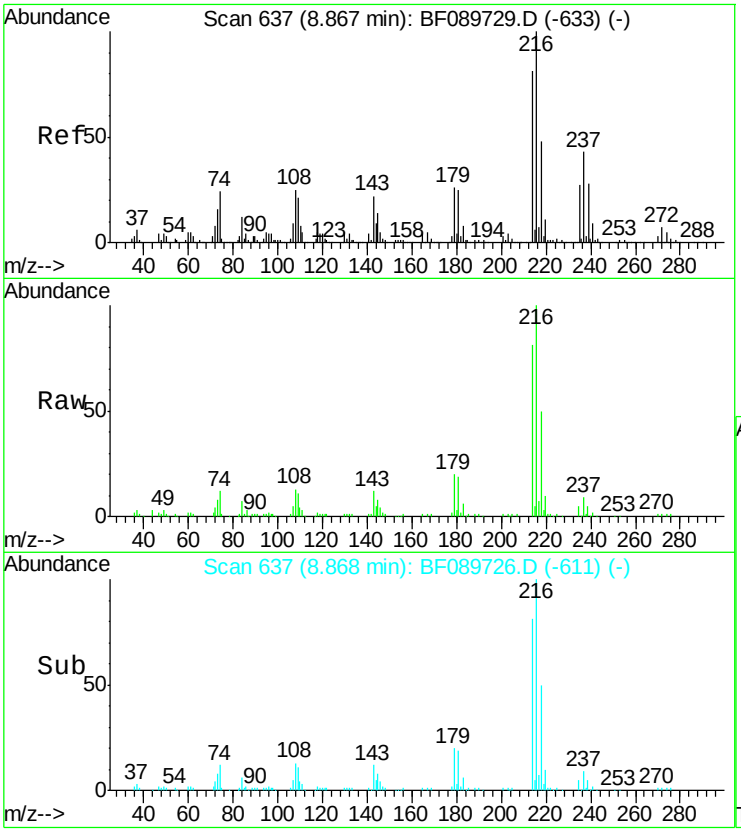


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:164 Resp: 1280646

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.2
160	49.1	37.8	56.6

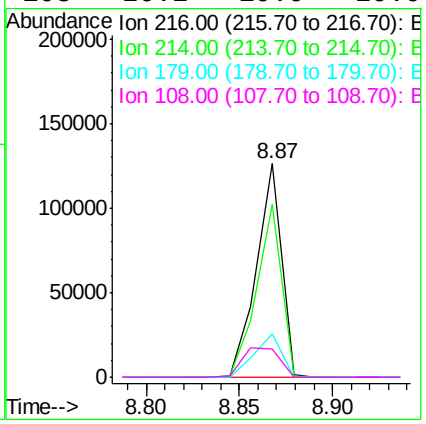




#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.27 ng
RT: 8.87 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:216 Resp: 116953

Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.5	95.3
179	21.8	19.9	29.9
108	20.2	19.9	29.9



Instrument :
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ClientSampleId :
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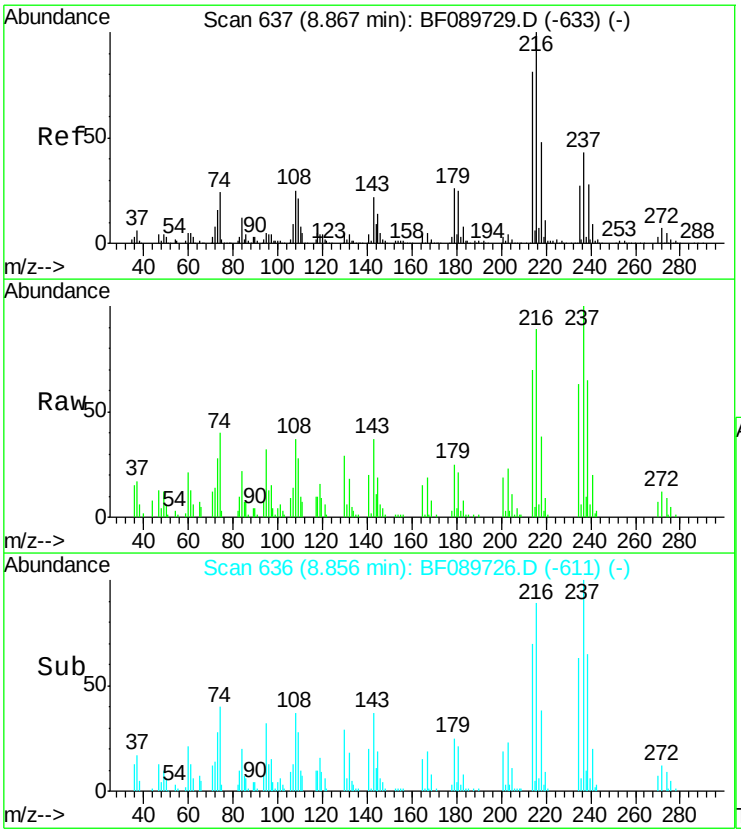
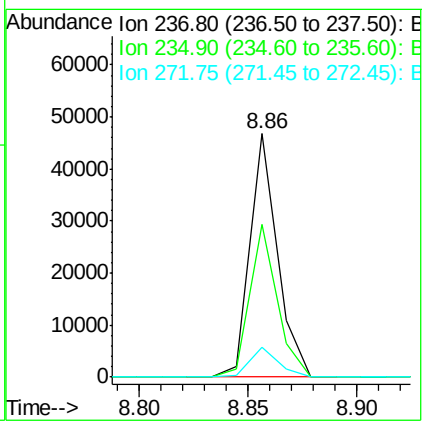
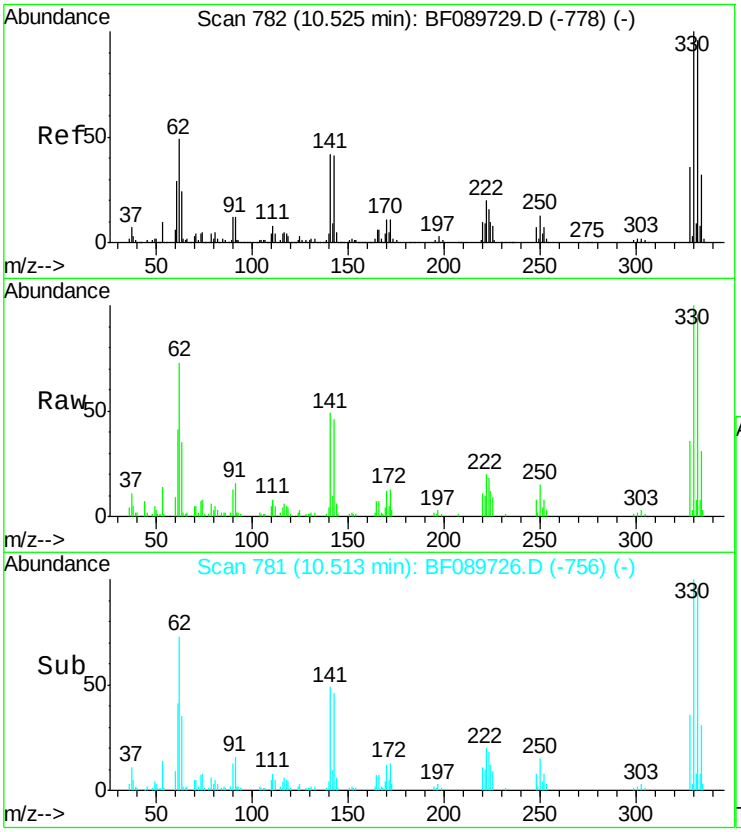


#40
Hexachlorocyclopentadiene
Concen: 2.07 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:237 Resp: 41021

Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.7	83.7
272	12.2	0.0	31.6

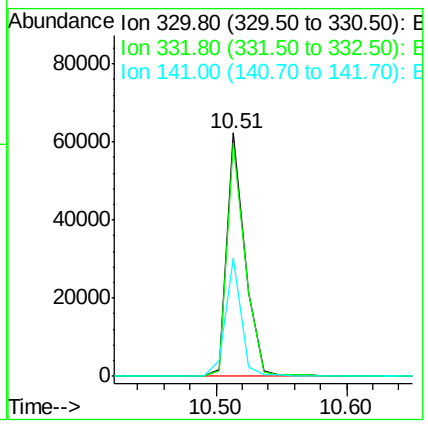




#41
2,4,6-Tribromophenol
Concen: 2.38 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:330 Resp: 60400

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	42.7	30.2	45.2



Instrument :
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ClientSampleId :
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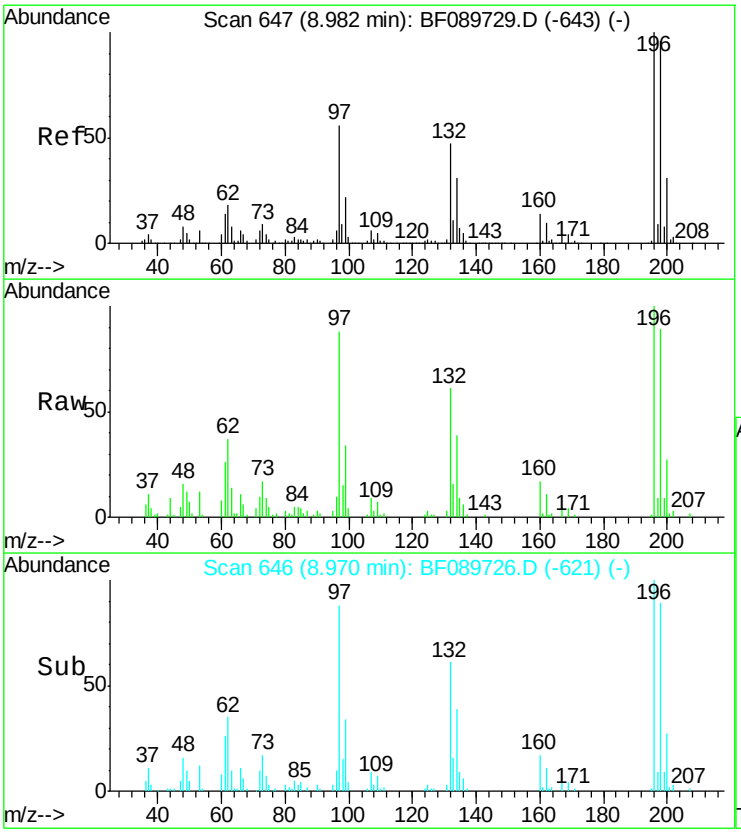
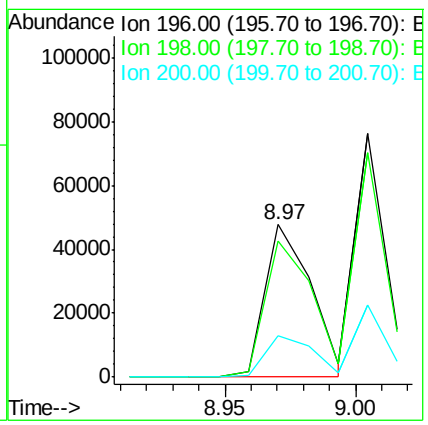
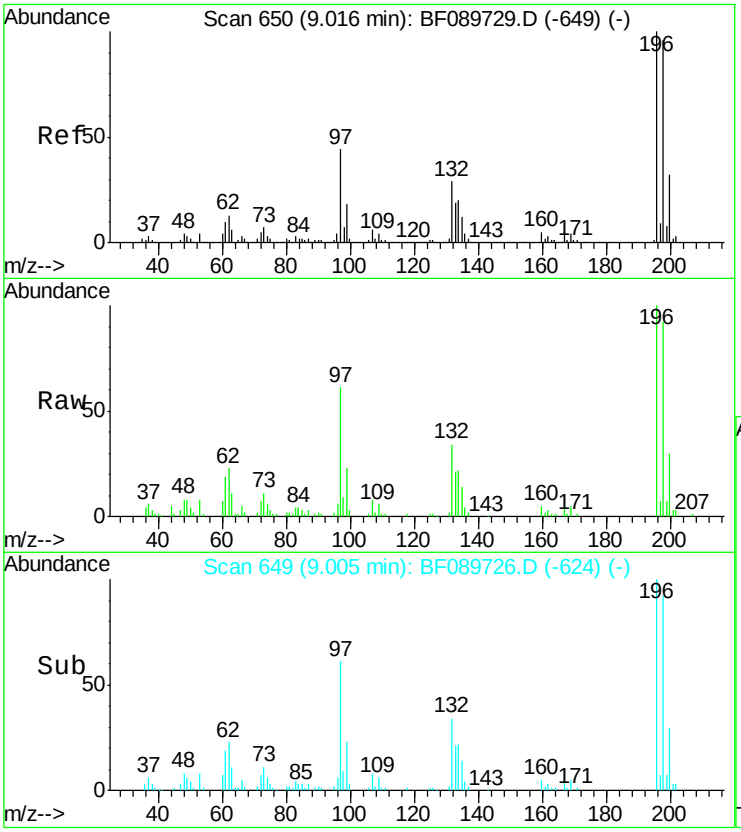


#42
2,4,6-Trichlorophenol
Concen: 2.26 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:196 Resp: 58131

Ion	Ratio	Lower	Upper
196	100		
198	89.1	76.3	114.5
200	27.3	24.6	36.8

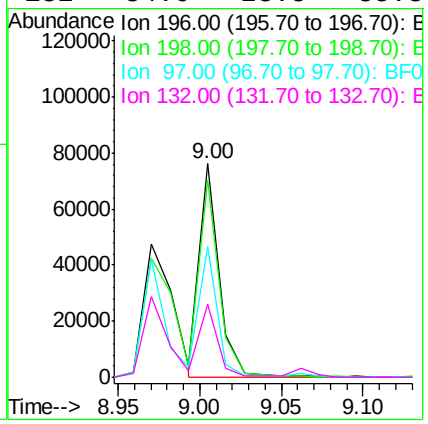




#43
2,4,5-Trichlorophenol
Concen: 2.65 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:196 Resp: 64941

Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.6	114.8
97	61.0	35.8	53.8#
132	34.0	23.5	35.3



Instrument :
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ClientSampleId :
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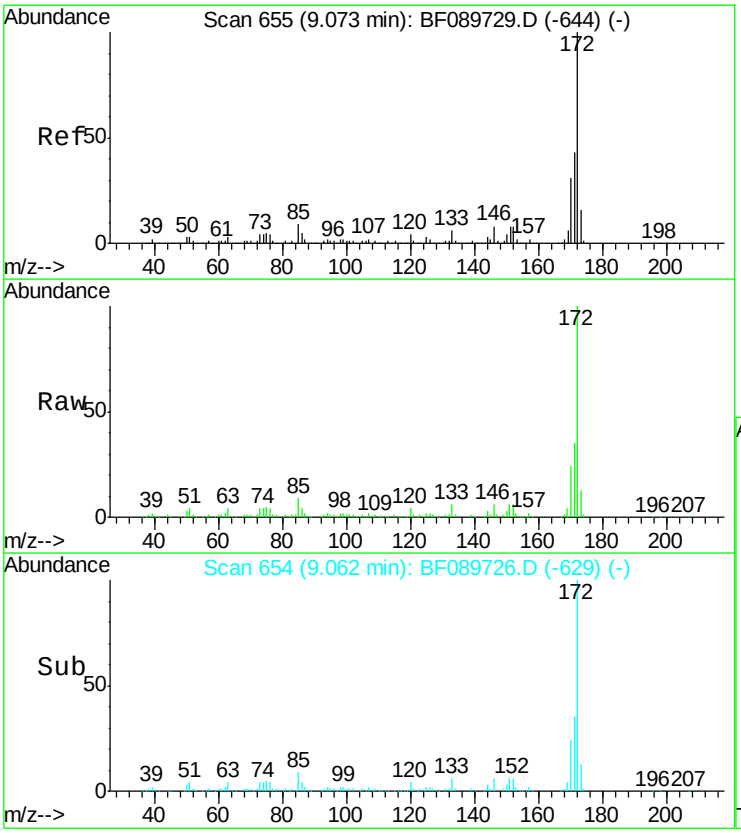
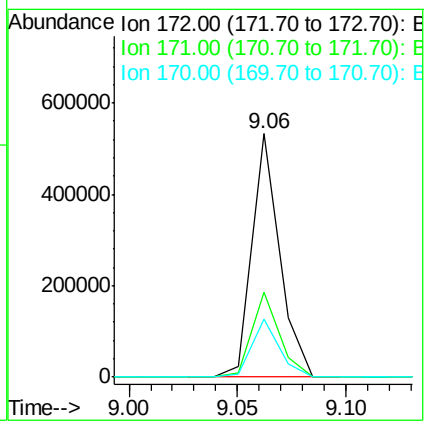
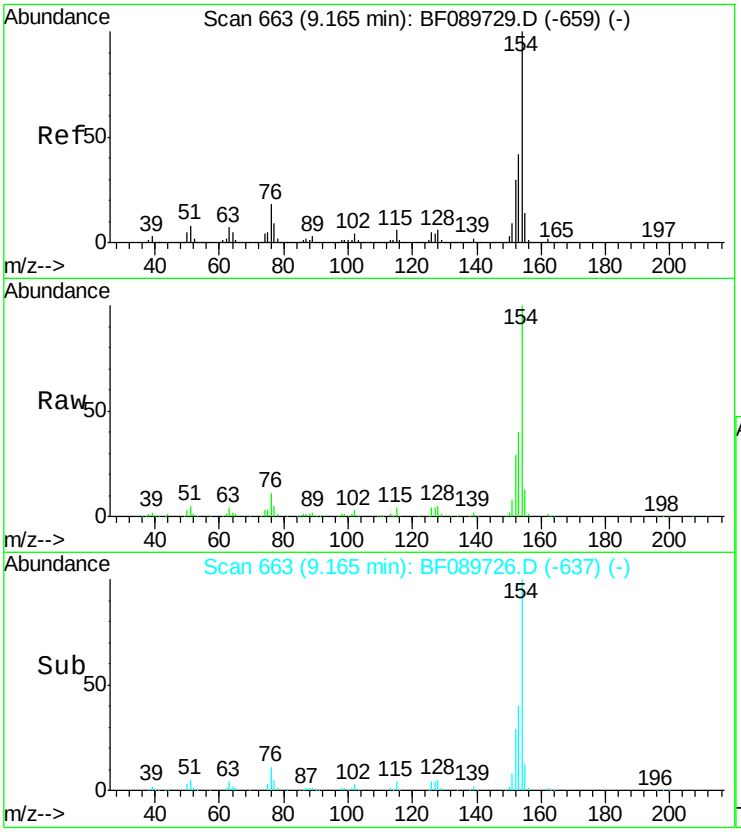


#44
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:172 Resp: 469938

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.5	45.7
170	23.9	20.6	31.0

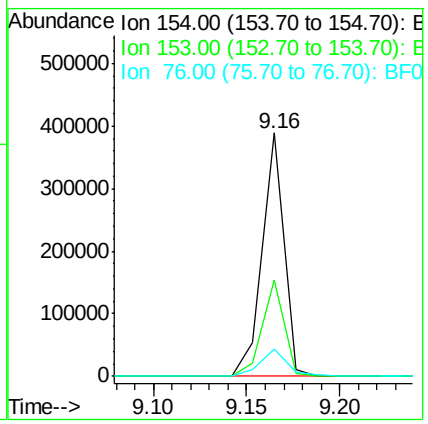




#45
1,1'-Biphenyl
Concen: 2.93 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:154 Resp: 311086

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.5	61.5
76	11.4	0.0	36.7



Instrument :
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ClientSampleId :
SSTDICC02.5

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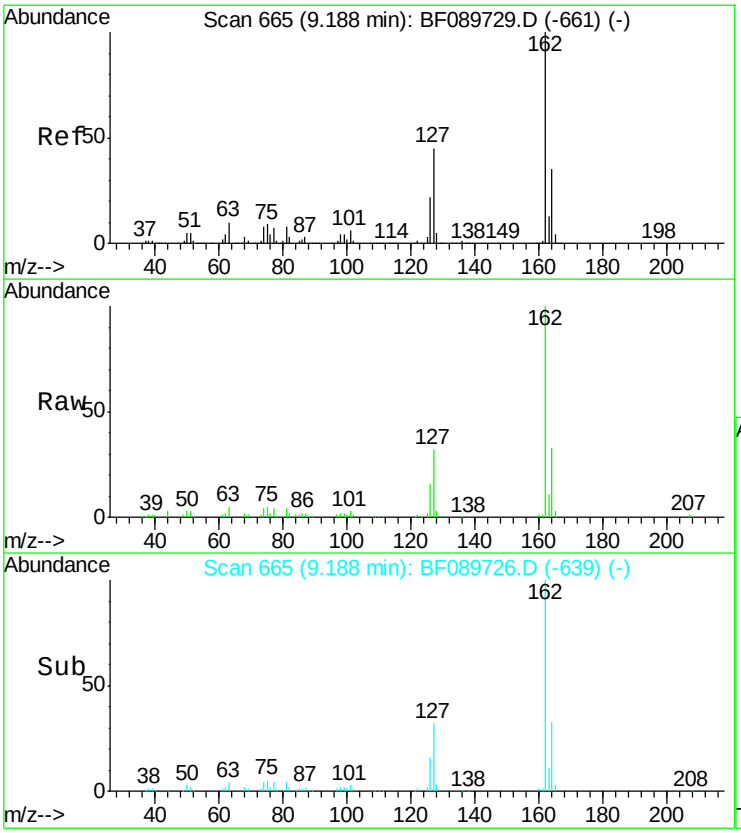
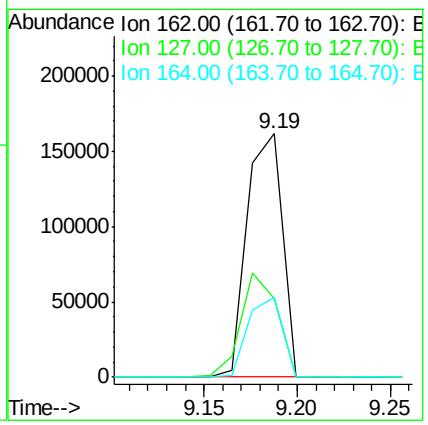
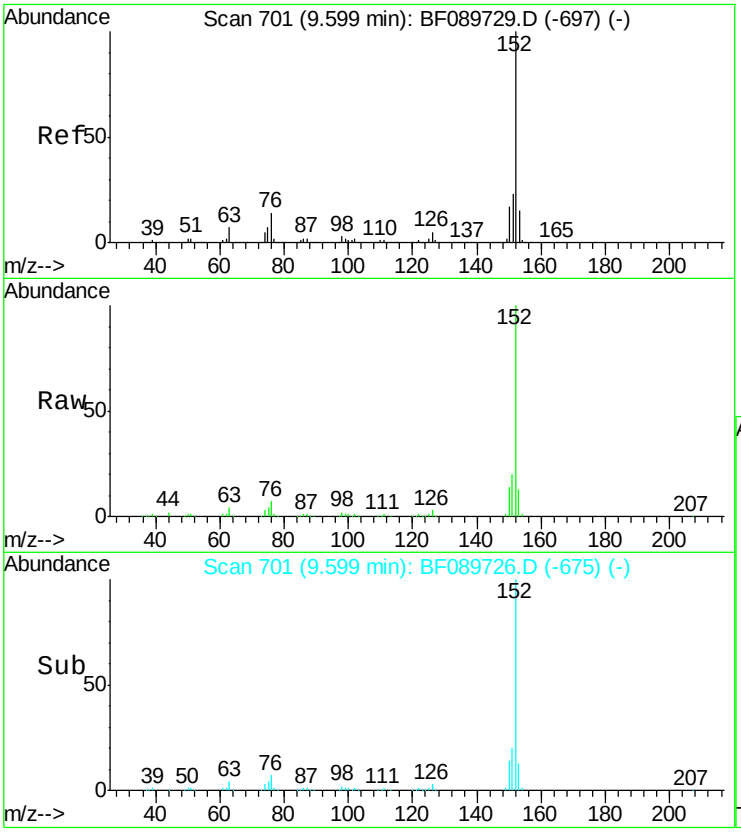


#46
2-Chloronaphthalene
Concen: 2.75 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:162 Resp: 211774

Ion	Ratio	Lower	Upper
162	100		
127	32.2	35.5	53.3#
164	32.7	26.6	40.0

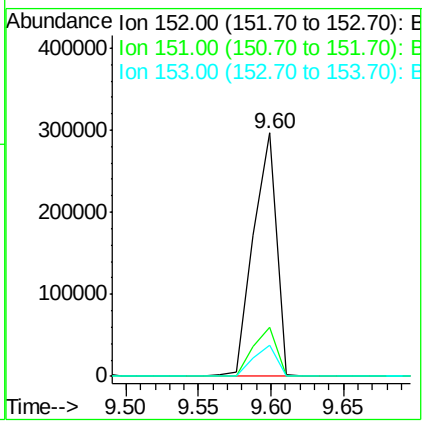




#48
Acenaphthylene
Concen: 2.71 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:152 Resp: 327620

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.1	25.7
153	12.8	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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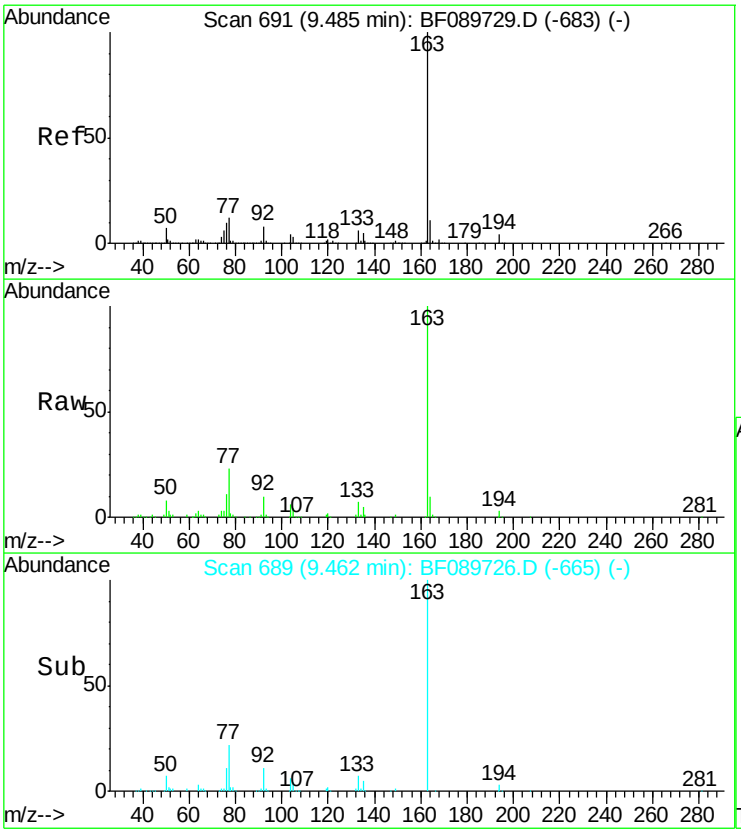
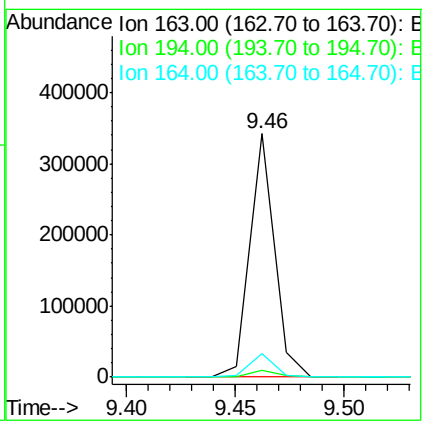
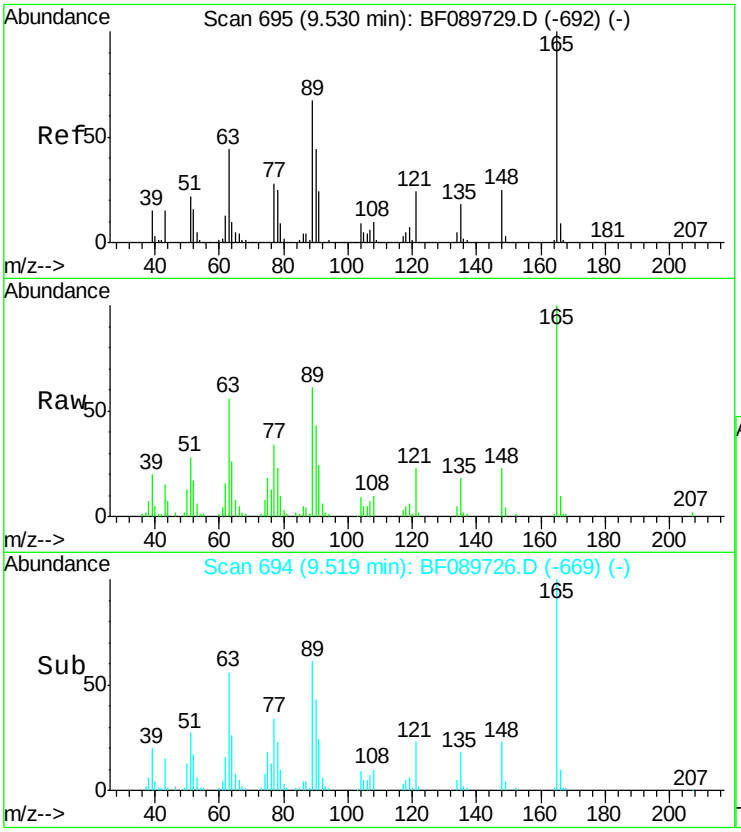


#49
Dimethylphthalate
Concen: 3.00 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:163 Resp: 269267

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	3.8
164	9.9	8.6	12.8

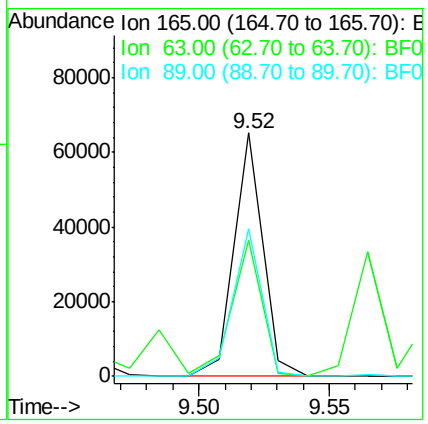




#50
2,6-Dinitrotoluene
Concen: 2.55 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:165 Resp: 50737

Ion	Ratio	Lower	Upper
165	100		
63	55.9	41.7	62.5
89	60.9	44.6	67.0



Instrument :
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ClientSampleId :
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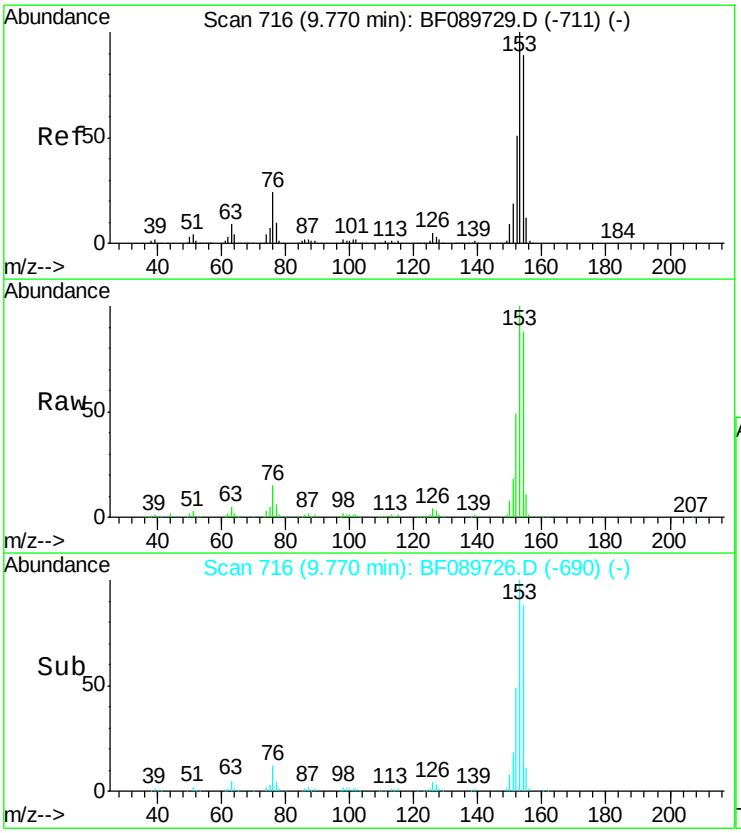
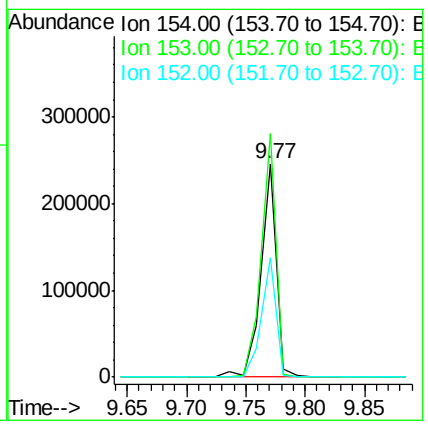
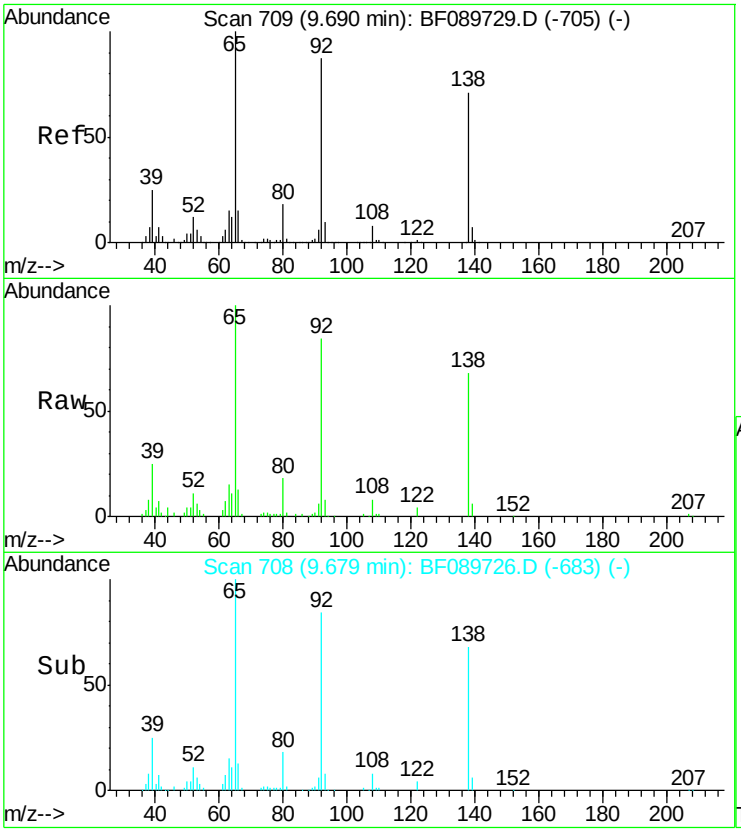


#51
Acenaphthene
Concen: 2.83 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:154 Resp: 224484

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	56.3	44.6	67.0

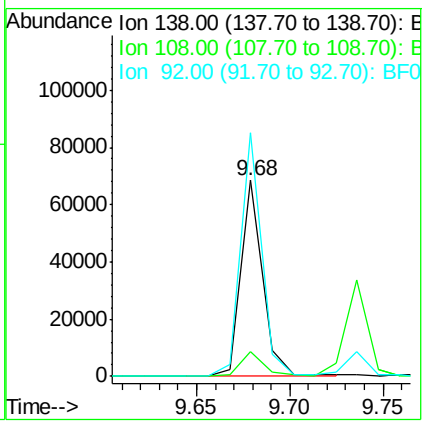




#52
3-Nitroaniline
Concen: 2.16 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:138 Resp: 55793

Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.1	12.1#
92	124.2	92.7	139.1



Instrument :
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ClientSampleId :
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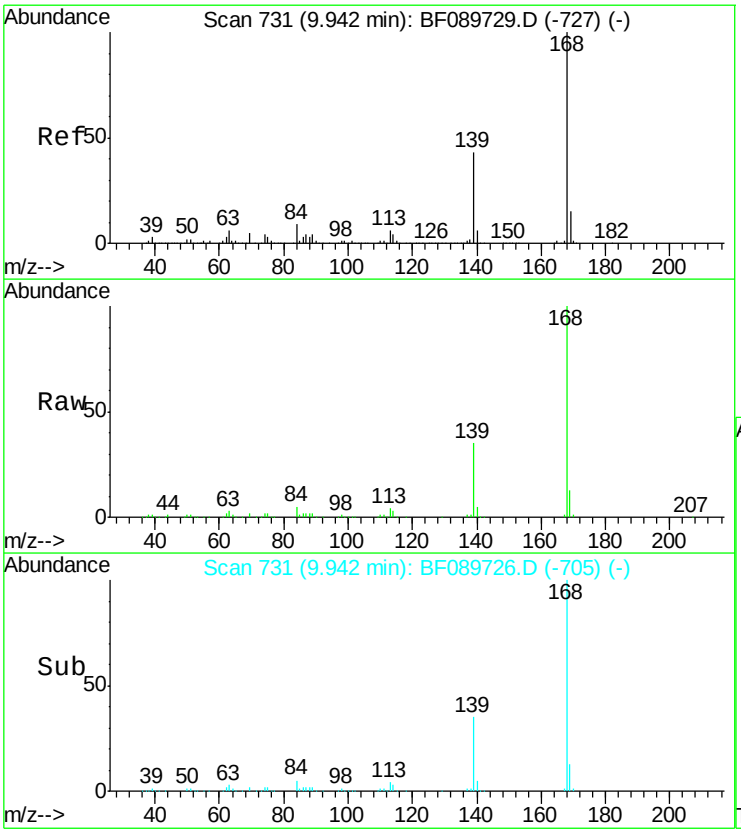
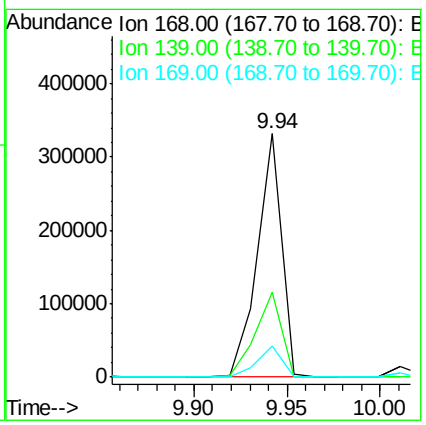
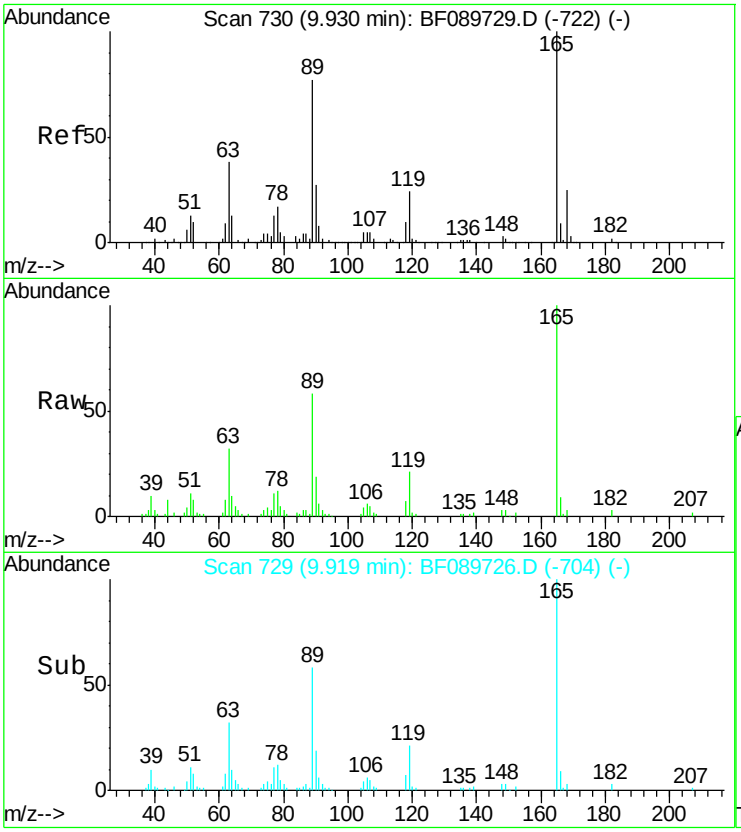


#54
Dibenzofuran
Concen: 2.62 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:168 Resp: 294397

Ion	Ratio	Lower	Upper
168	100		
139	35.0	34.6	52.0
169	12.8	11.5	17.3

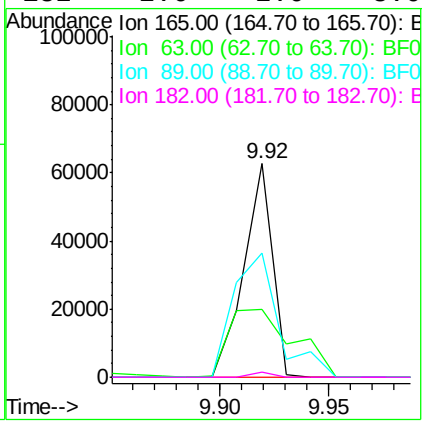




#56
2,4-Dinitrotoluene
Concen: 2.22 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:165 Resp: 56927

Ion	Ratio	Lower	Upper
165	100		
63	31.6	23.7	35.5
89	58.2	44.0	66.0
182	2.6	2.0	3.0



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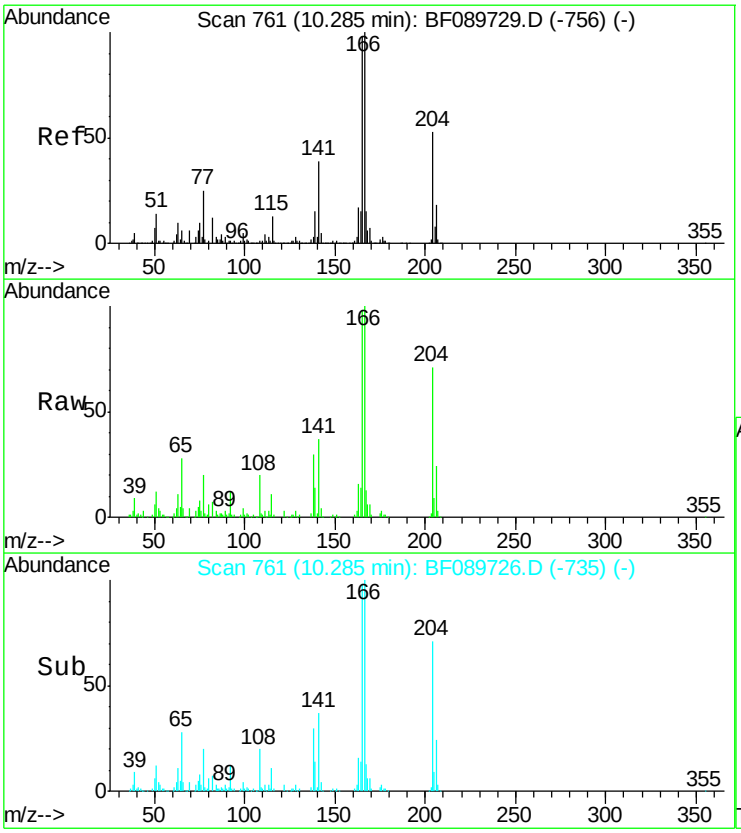
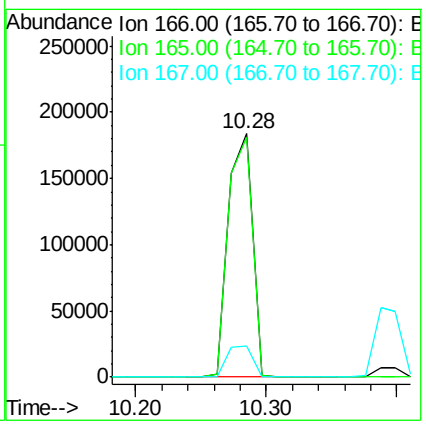
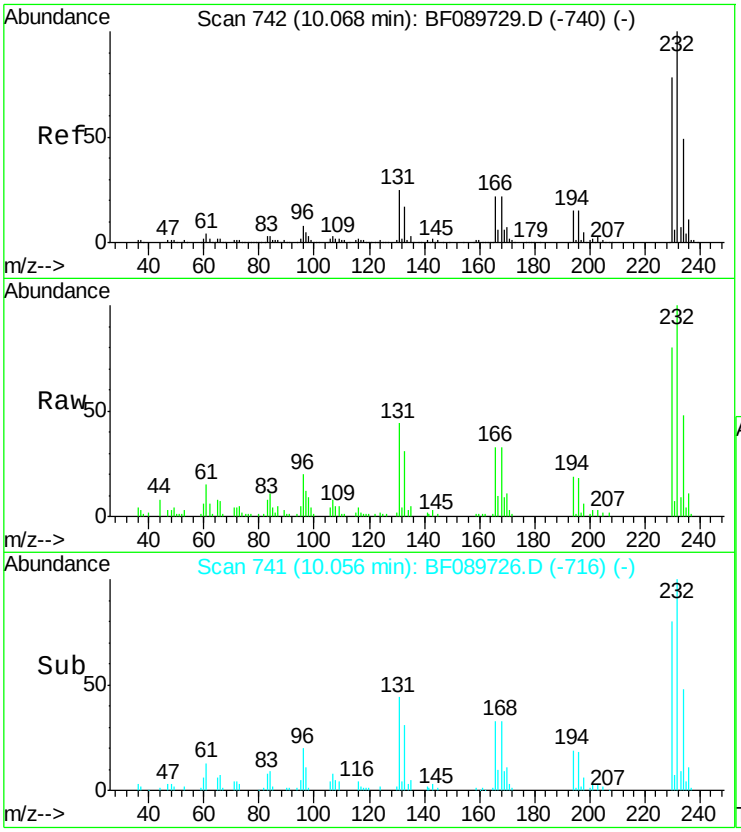


#57
Fluorene
Concen: 2.92 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:166 Resp: 235598

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.2	120.4
167	12.9	11.3	16.9

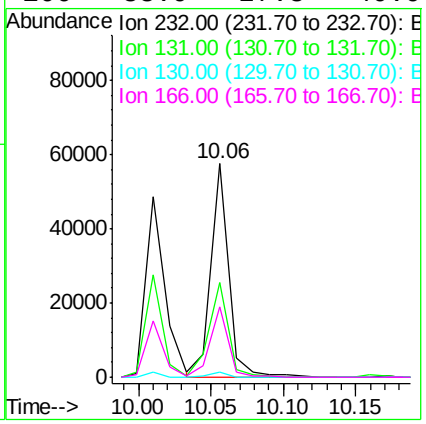




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.34 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:232 Resp: 49390

Ion	Ratio	Lower	Upper
232	100		
131	48.2	42.5	63.7
130	2.5	2.2	3.4
166	33.9	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
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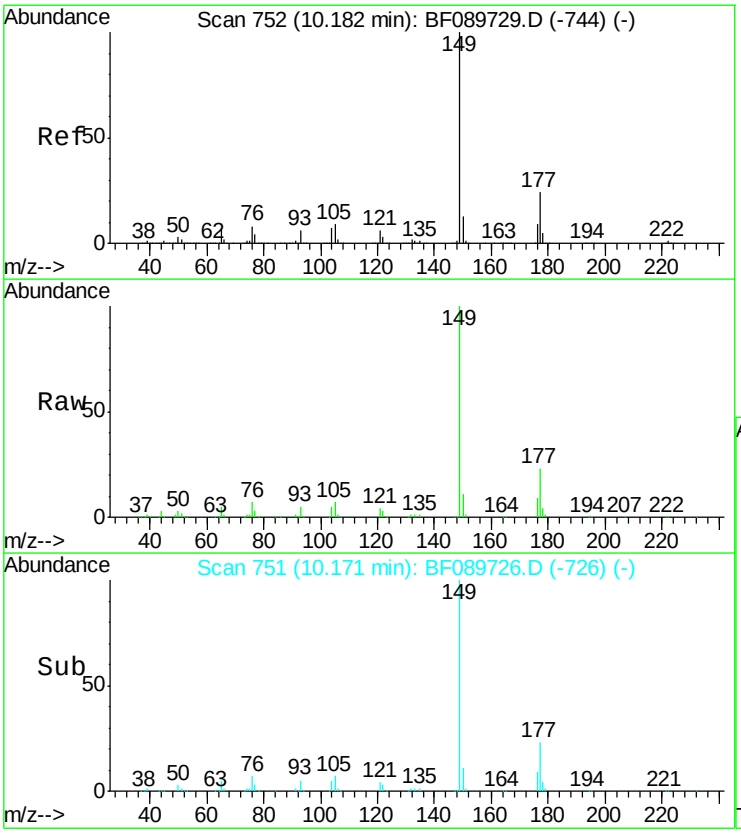
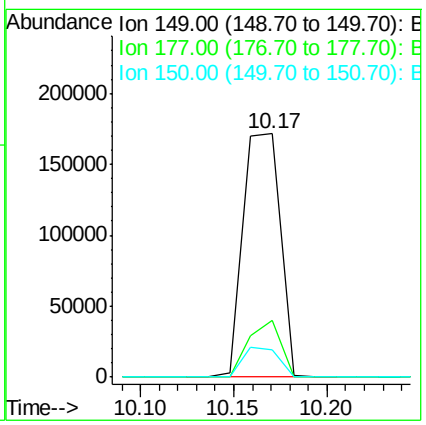
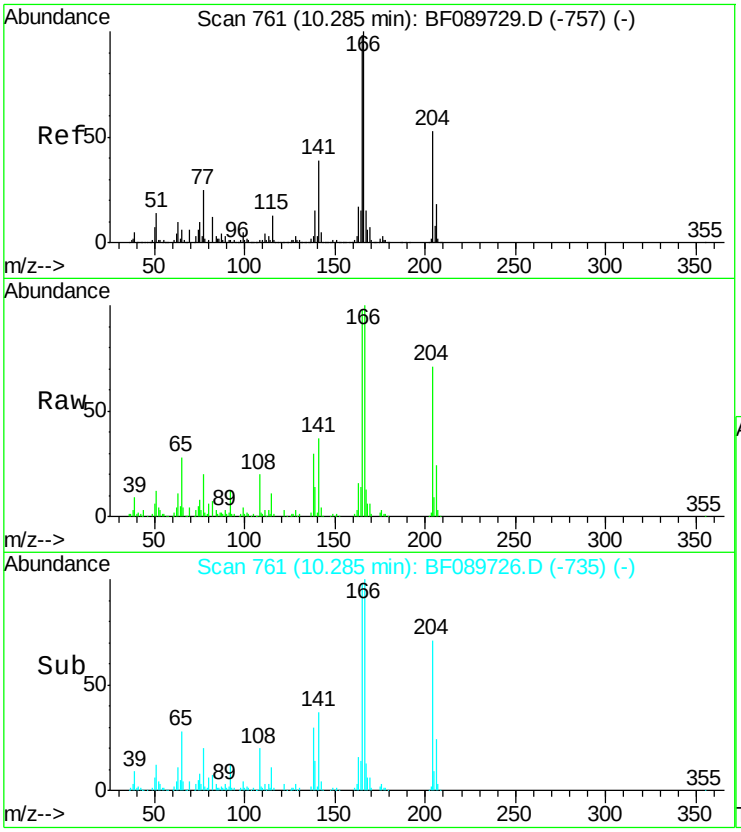


#59
Diethylphthalate
Concen: 2.59 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:149 Resp: 237233

Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.6	25.0
150	11.0	10.5	15.7





#60
4-Chlorophenyl-phenylether
Concen: 3.29 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:204 Resp: 116944

Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	52.5	54.1	81.1#

Instrument :
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ClientSampleId :
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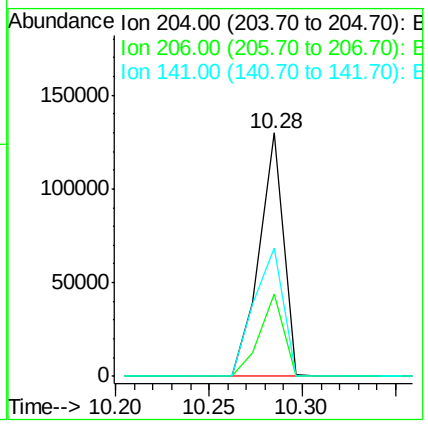
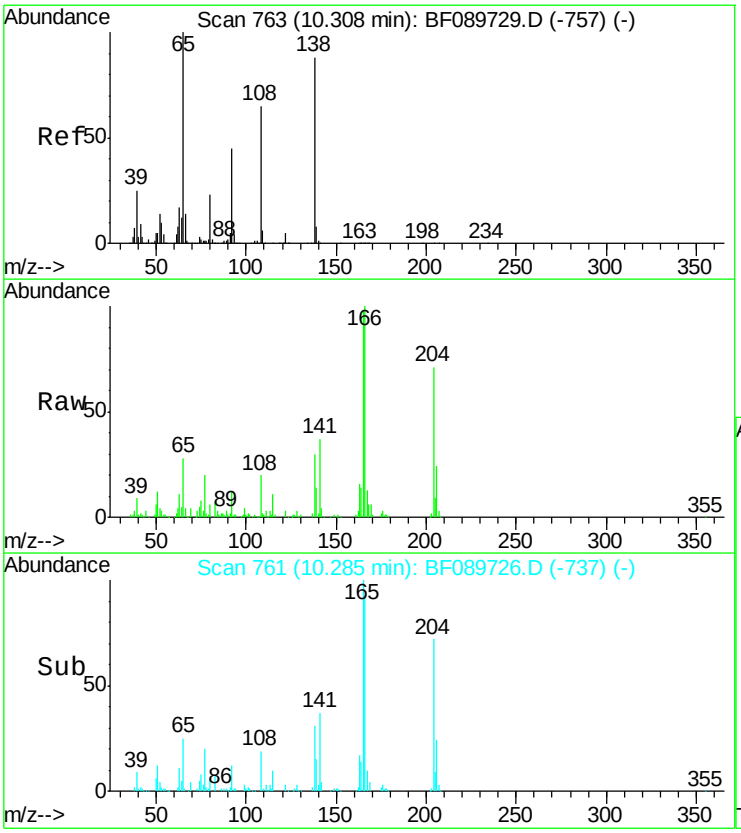
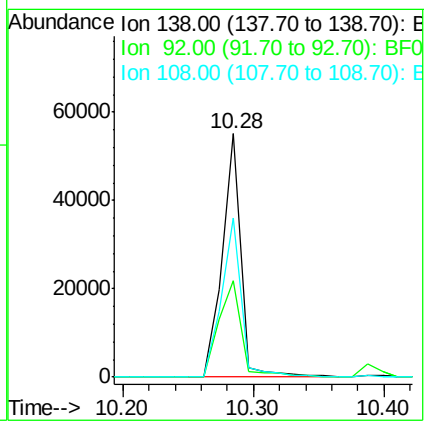


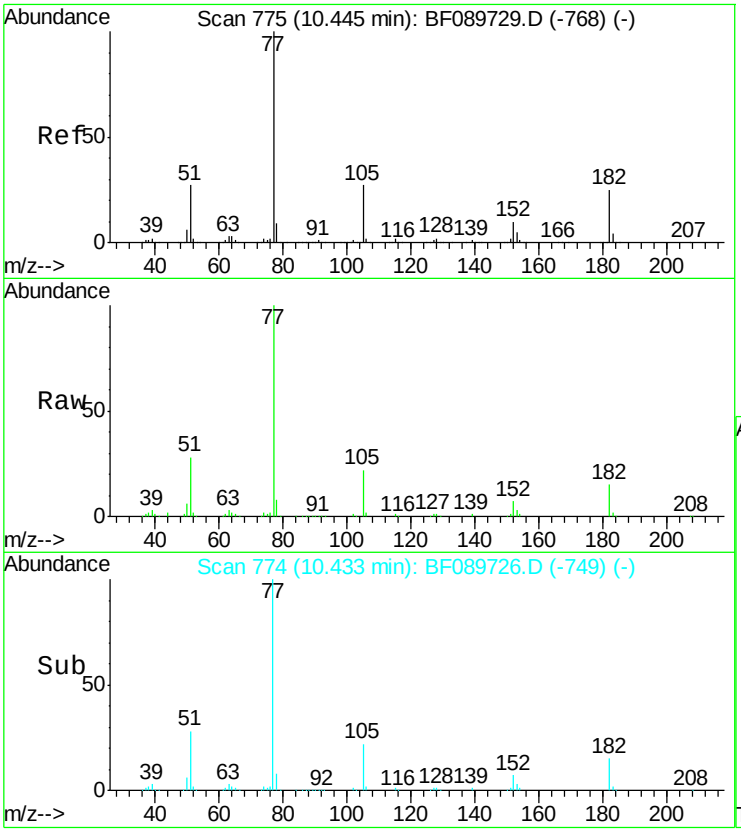


#61
4-Nitroaniline
Concen: 2.43 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:138 Resp: 55348

Ion	Ratio	Lower	Upper
138	100		
92	39.4	26.4	66.4
108	65.5	47.0	87.0

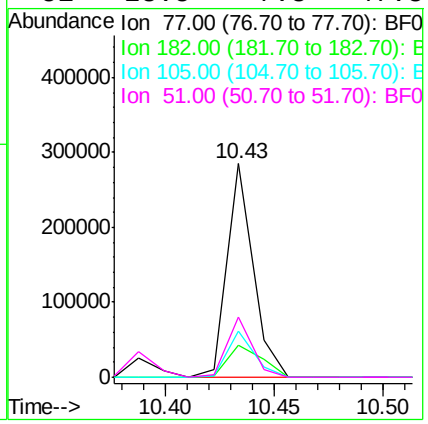




#62
Azobenzene
Concen: 2.38 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 77 Resp: 236824

Ion	Ratio	Lower	Upper
77	100		
182	15.1	5.6	45.6
105	21.8	4.0	44.0
51	28.5	7.8	47.8



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ClientSampleId :
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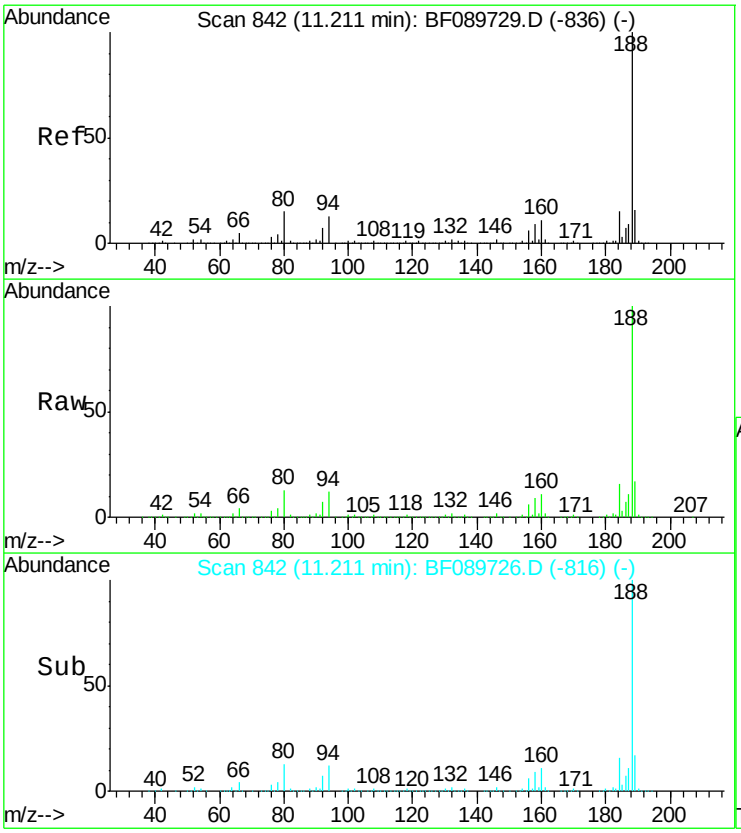
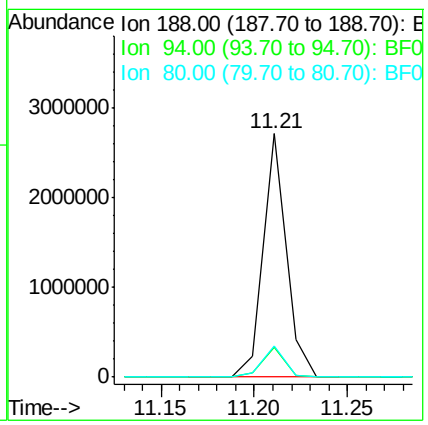
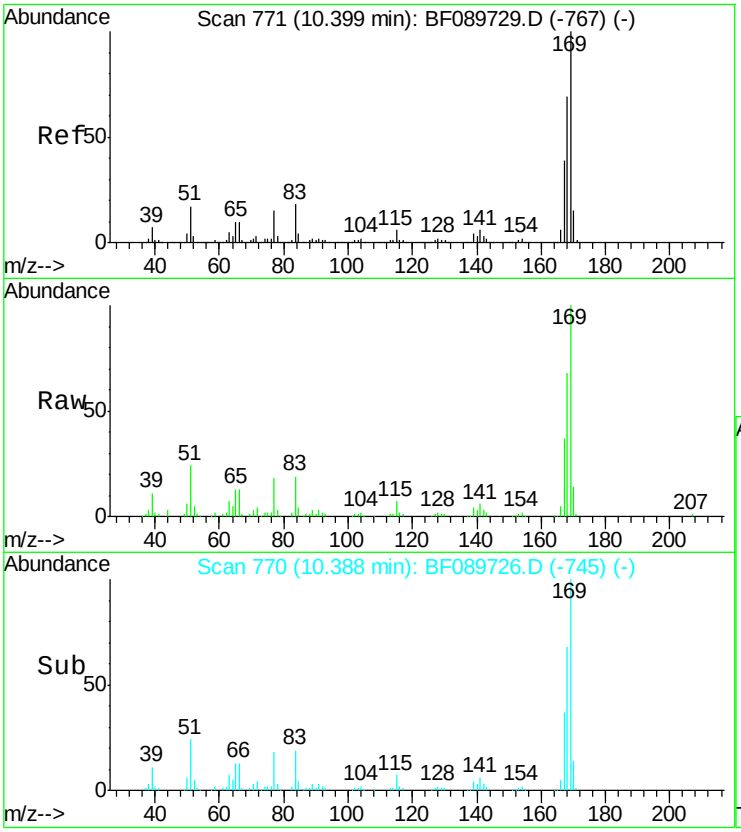


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:188 Resp: 2310965

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.2	15.2
80	12.8	10.9	16.3

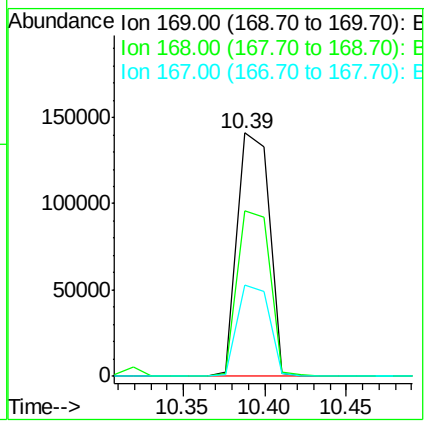




#65
n-Nitrosodiphenylamine
Concen: 2.56 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:169 Resp: 191082

Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.6	82.0
167	37.5	30.6	45.8



Instrument :
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ClientSampleId :
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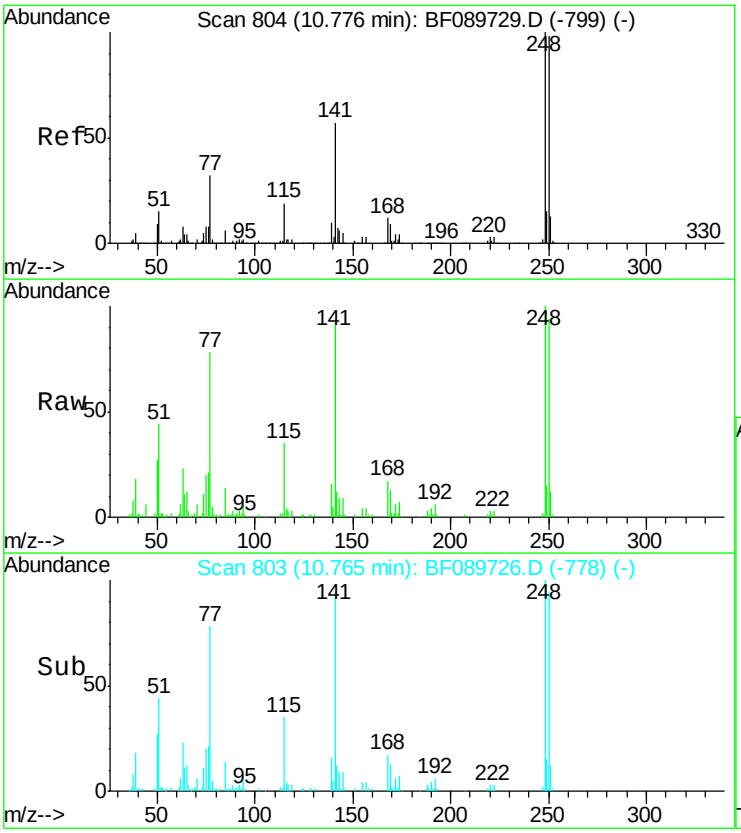
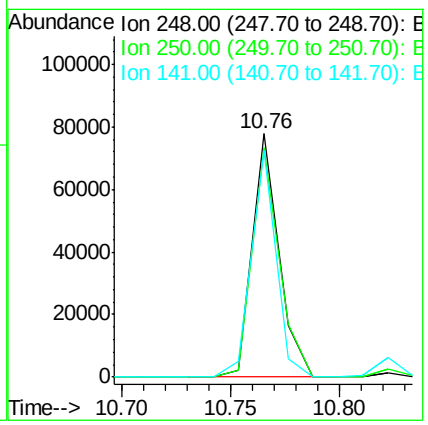
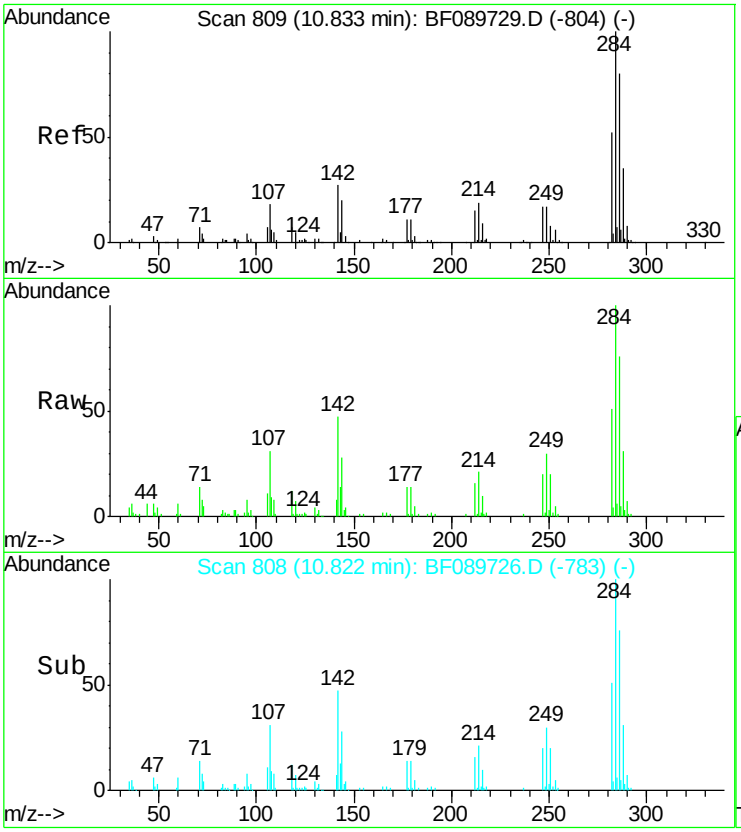


#66
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:248 Resp: 66193

Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.6	117.8
141	93.3	31.4	47.2#

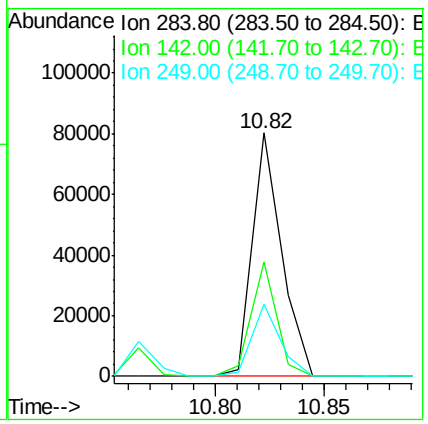




#67
Hexachlorobenzene
Concen: 2.82 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:284 Resp: 74933

Ion	Ratio	Lower	Upper
284	100		
142	46.7	17.4	26.2#
249	29.6	22.8	34.2



Instrument :
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ClientSampleId :
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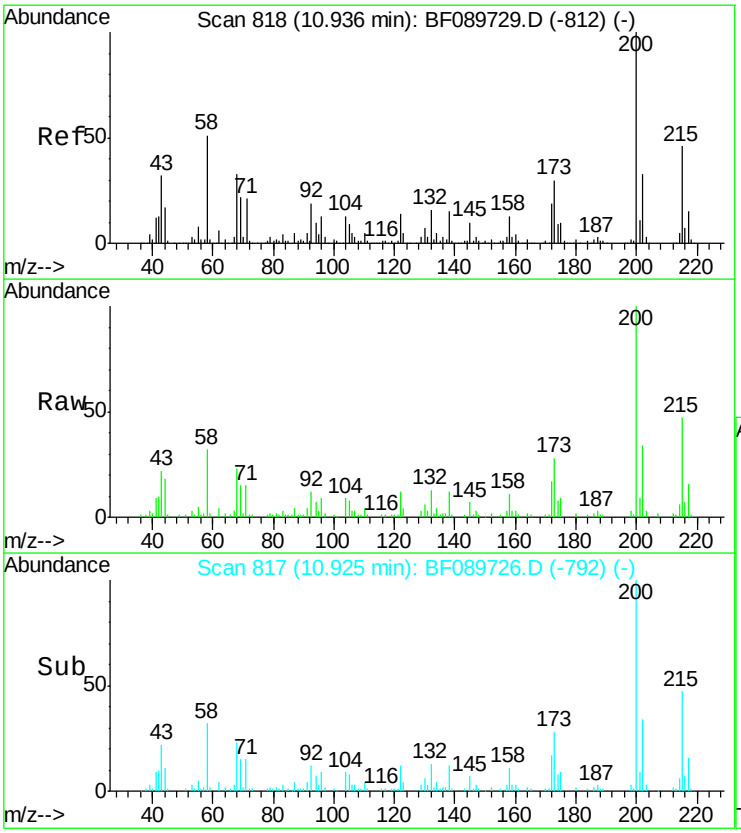
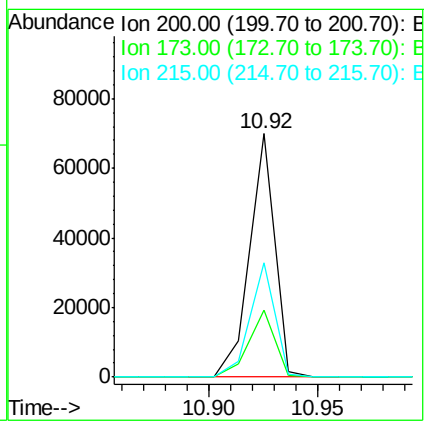
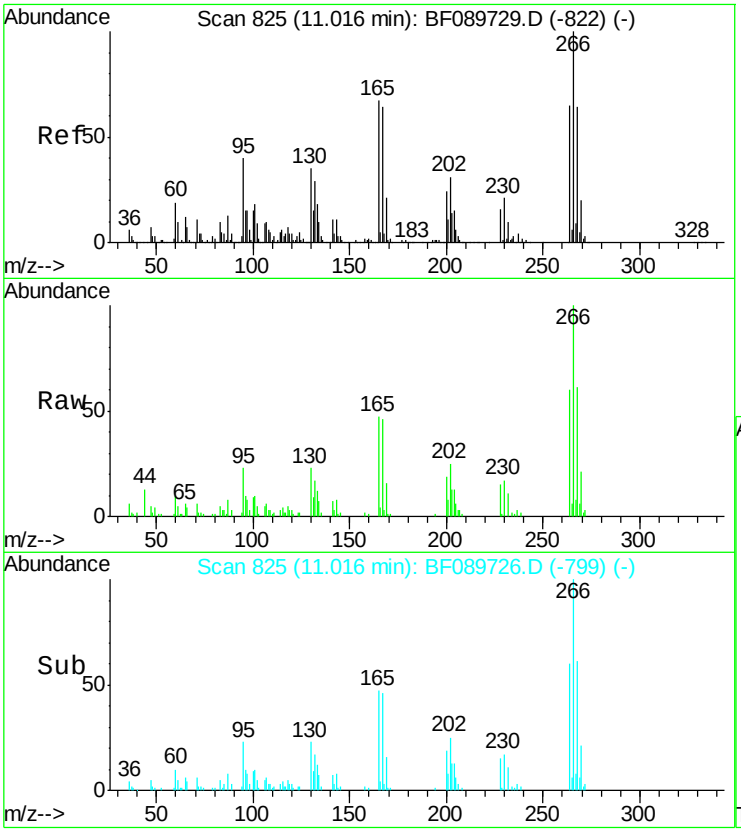


#68
Atrazine
Concen: 2.56 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:200 Resp: 56197

Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.6	46.6
215	47.0	24.7	64.7

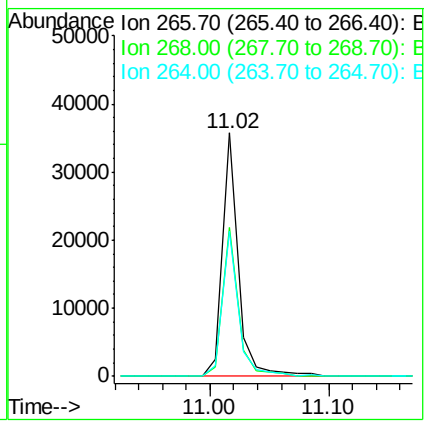




#69
Pentachlorophenol
Concen: 2.03 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:266 Resp: 32466

Ion	Ratio	Lower	Upper
266	100		
268	60.9	53.2	79.8
264	59.6	51.1	76.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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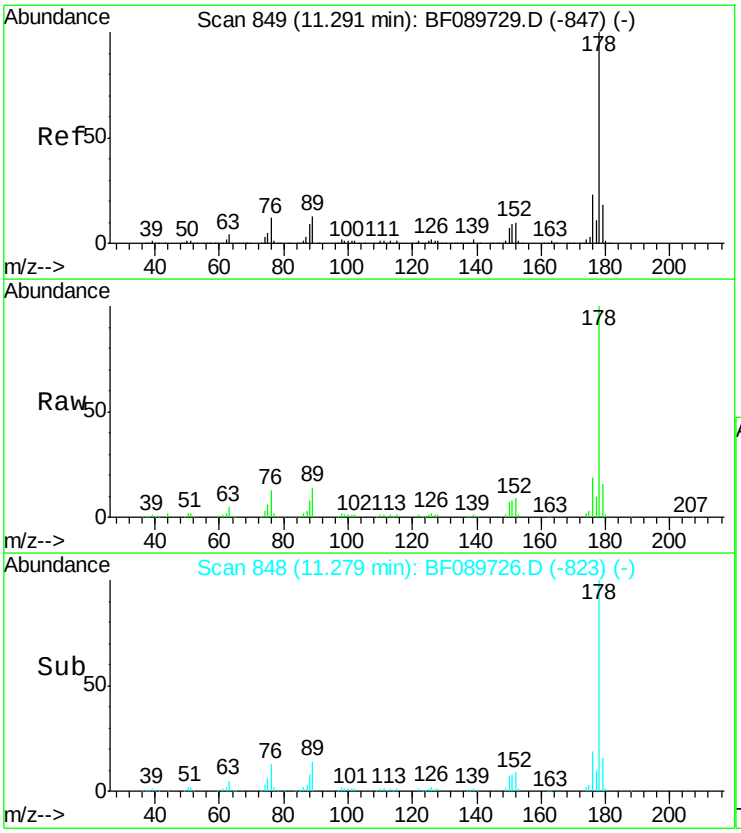
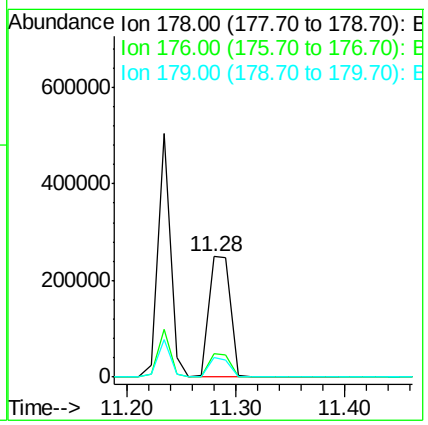
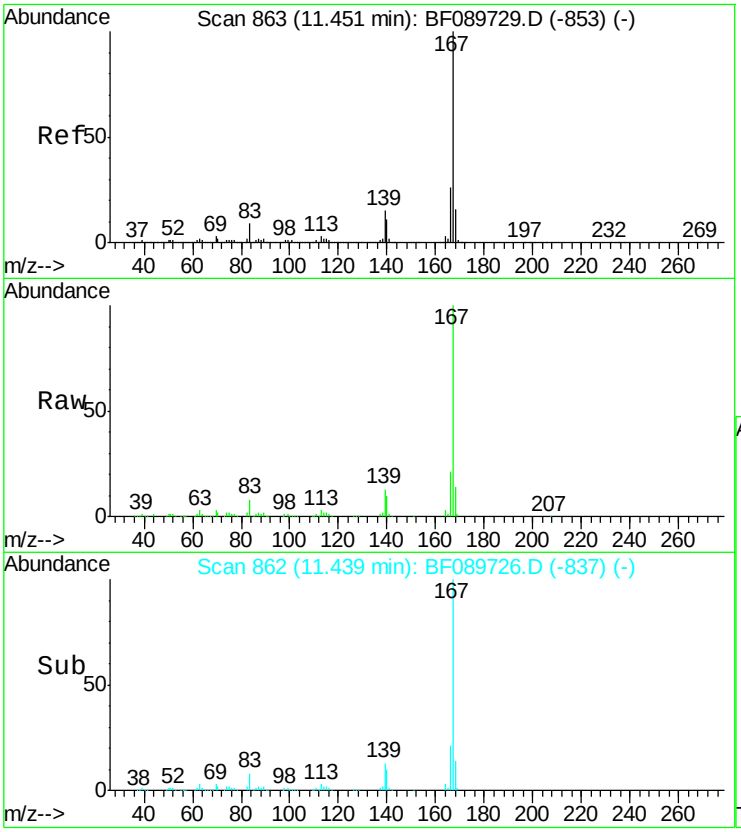


#71
Anthracene
Concen: 2.92 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:178 Resp: 349720

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.9	13.1	19.7

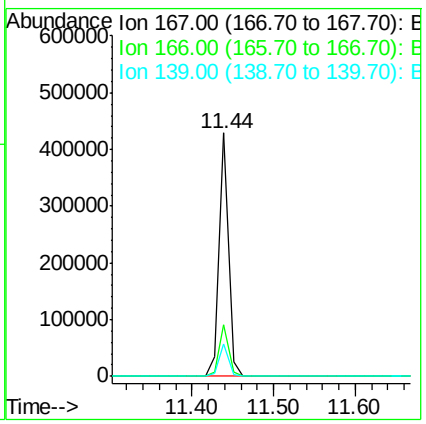




#72
Carbazole
Concen: 2.99 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:167 Resp: 341291

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	13.2	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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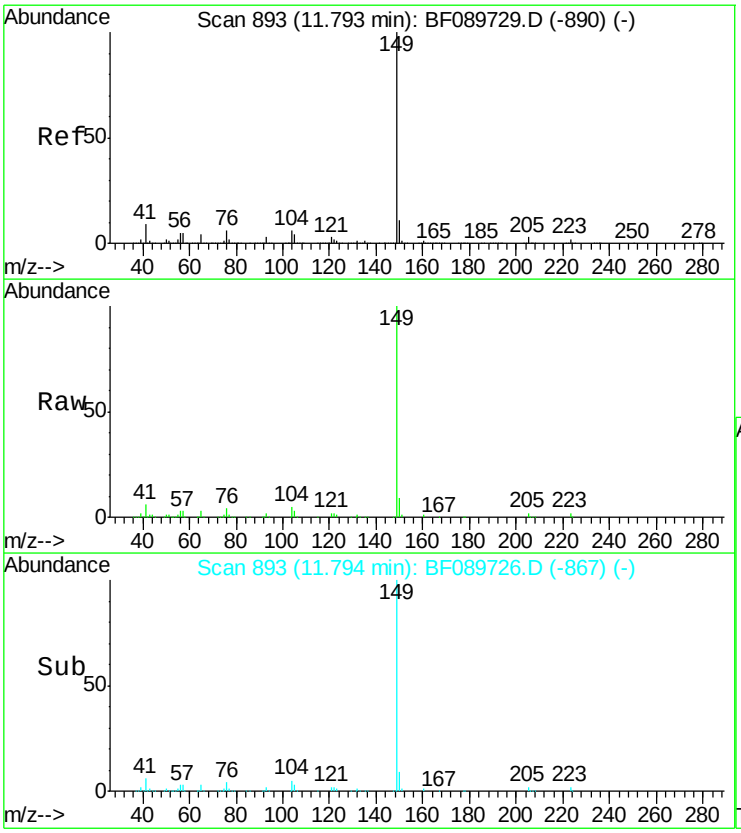
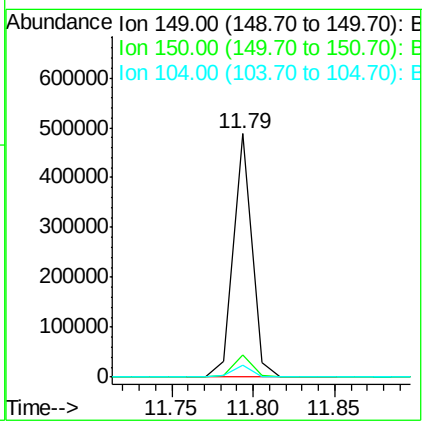
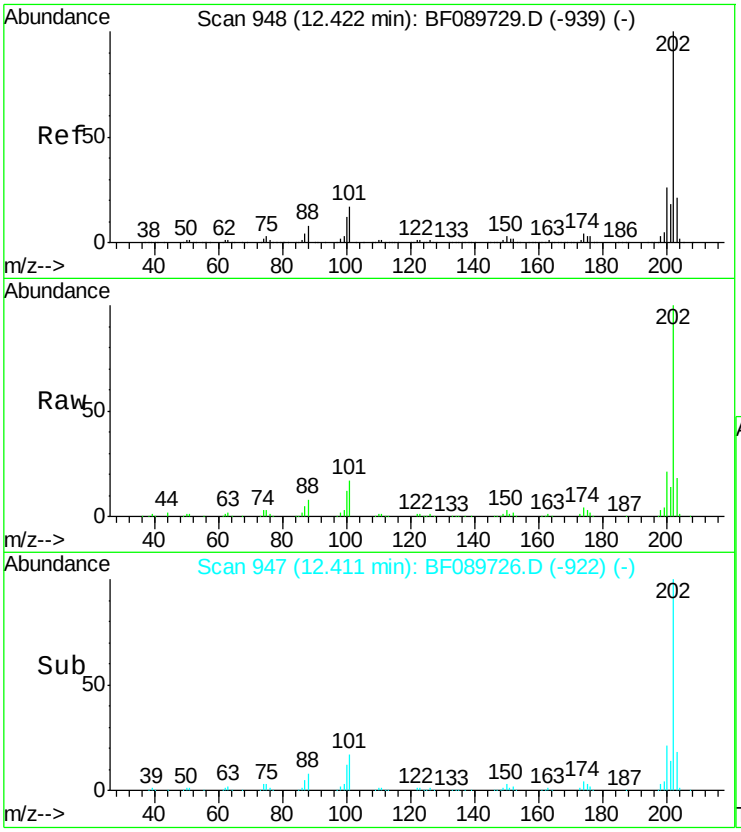


#73
Di-n-butylphthalate
Concen: 2.87 ng
RT: 11.79 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:149 Resp: 378109

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.9	11.9
104	5.0	4.3	6.5

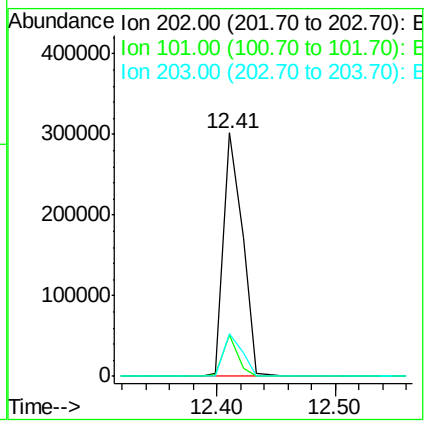




#74
Fluoranthene
Concen: 2.75 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:202 Resp: 332551

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	31.2
203	17.6	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
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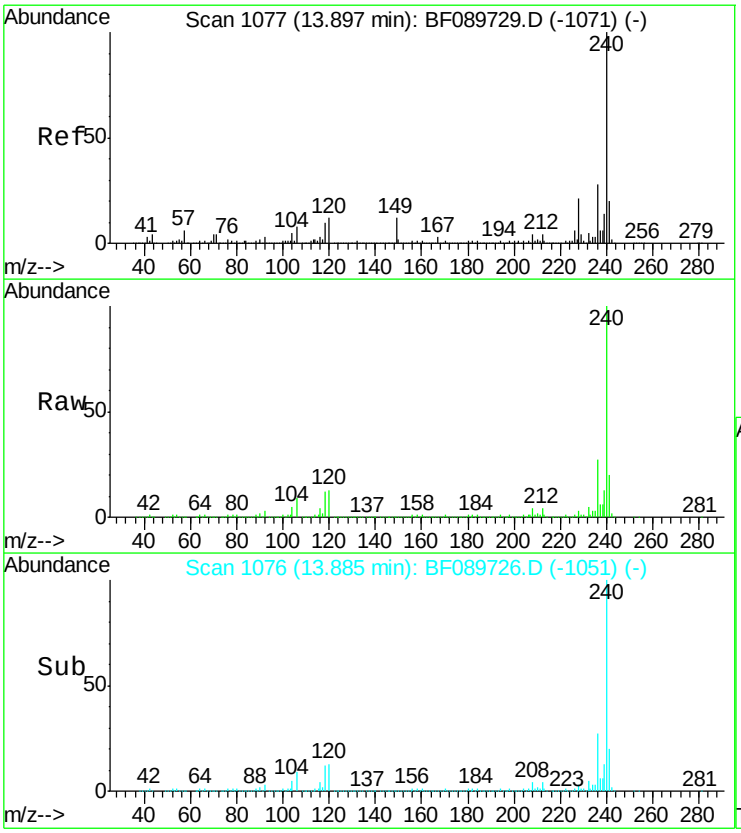
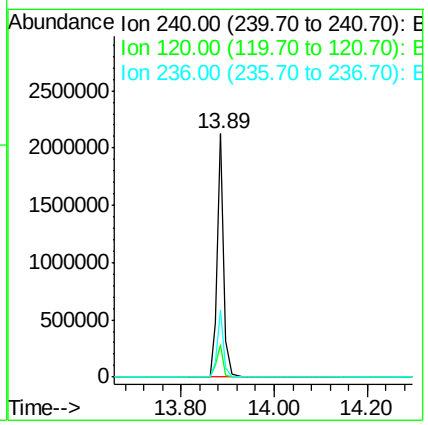
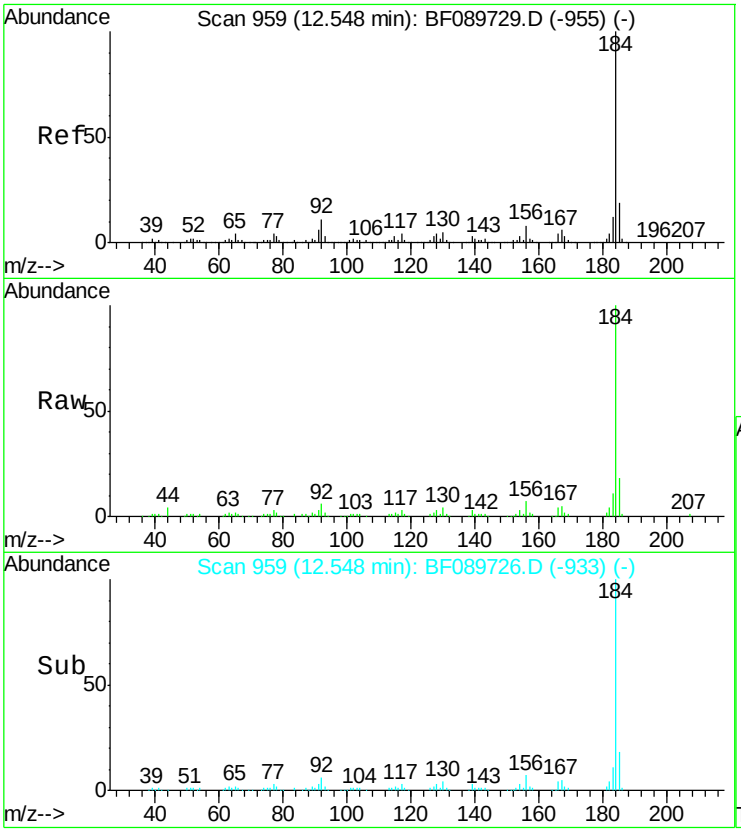


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:240 Resp: 2050748

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	27.3	21.3	31.9

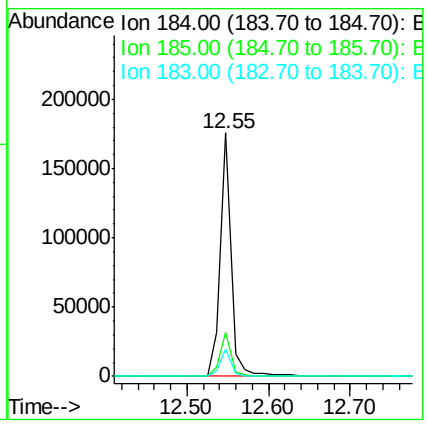




#76
Benzidine
Concen: 2.33 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:184 Resp: 163431

Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.8	20.8
183	11.2	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
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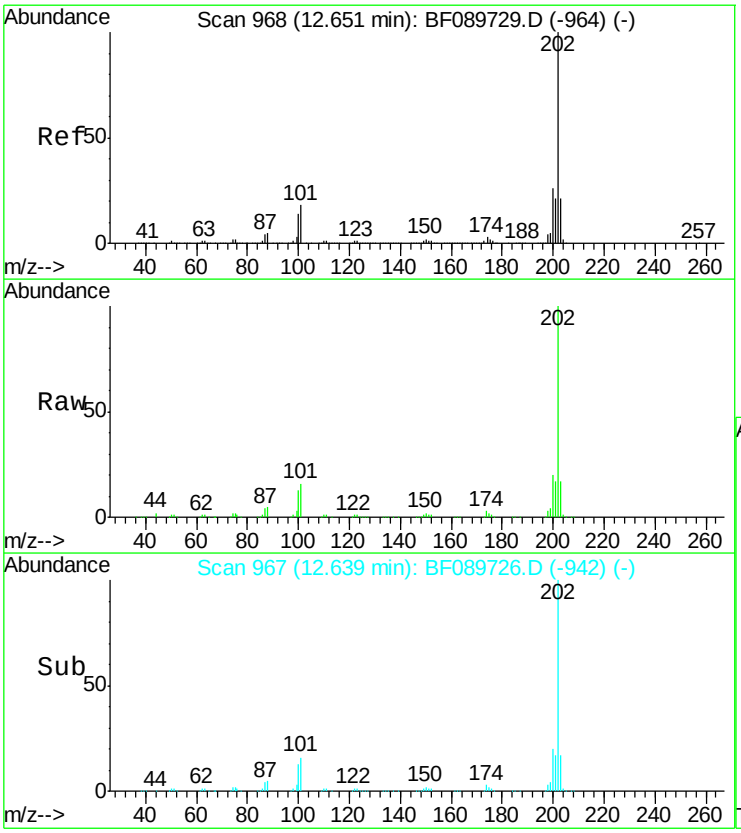
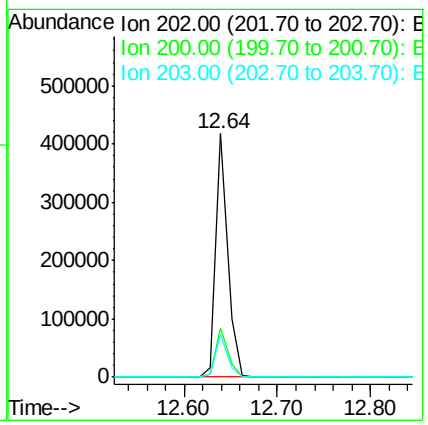
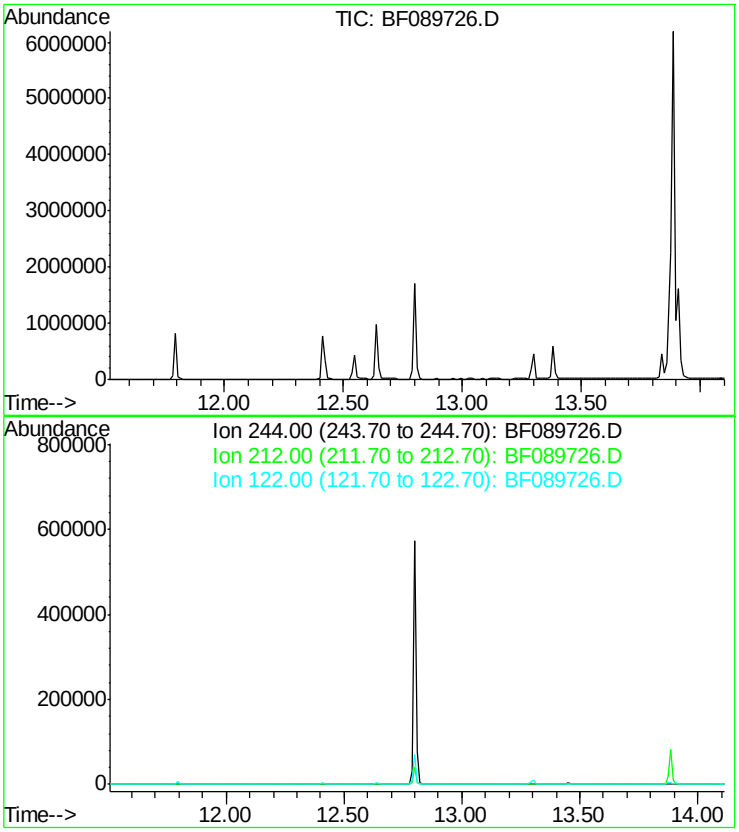


#77
Pyrene
Concen: 2.82 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:202 Resp: 370671

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.4	14.2	21.4





#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 12.81 min

Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.9
122	15.0

Instrument :
BNA_F
ClientSampleId :
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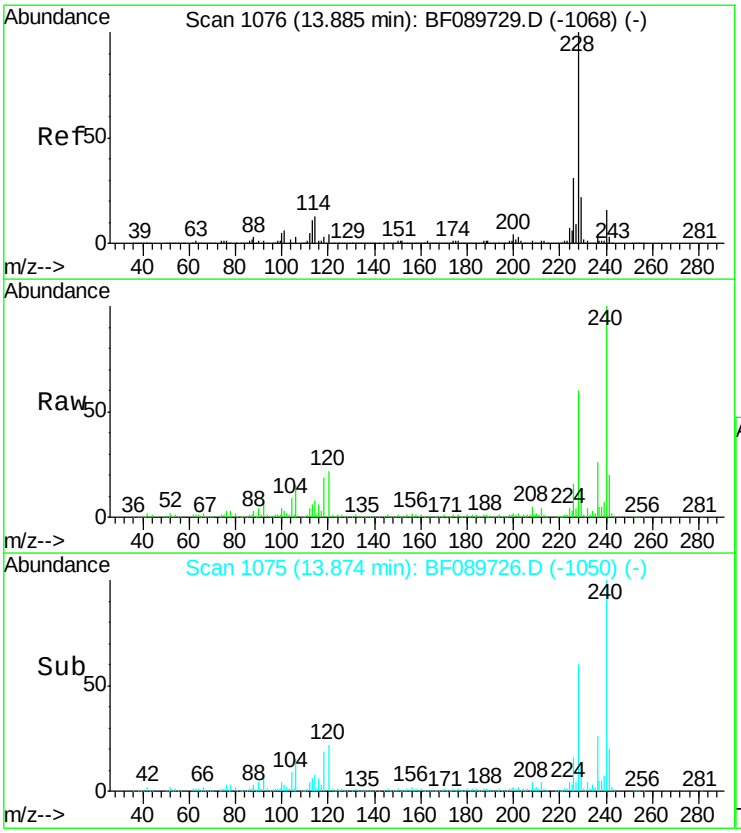
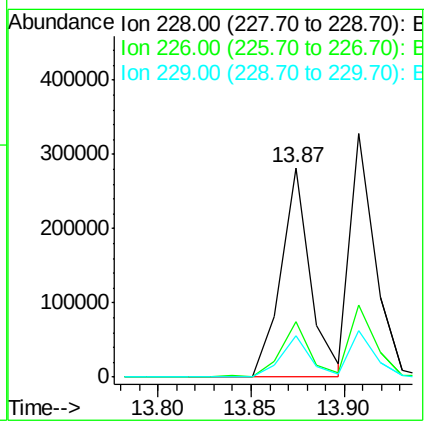
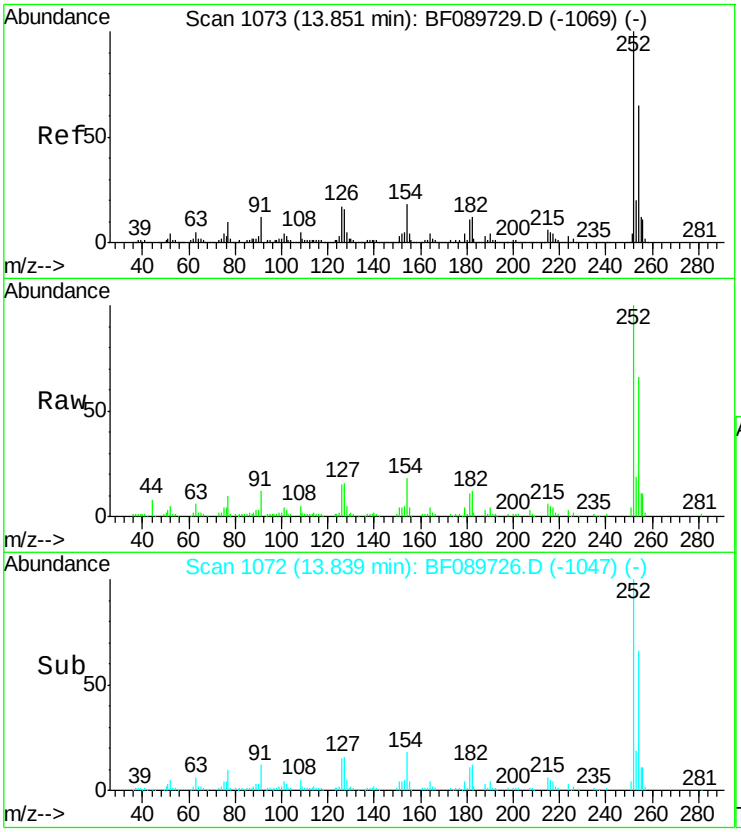


#80
Benzo(a)anthracene
Concen: 2.64 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:228 Resp: 310605

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.2	34.8
229	19.9	16.2	24.4

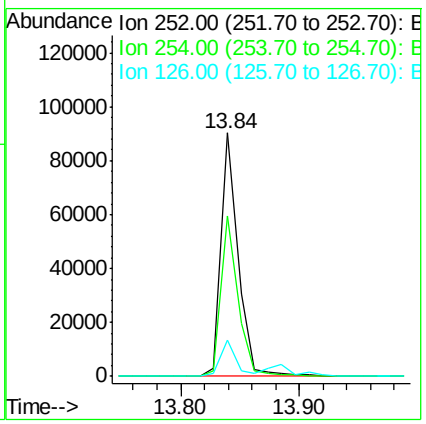




#81
3,3'-Dichlorobenzidine
Concen: 2.07 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:252 Resp: 89343

Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.6	75.8
126	14.8	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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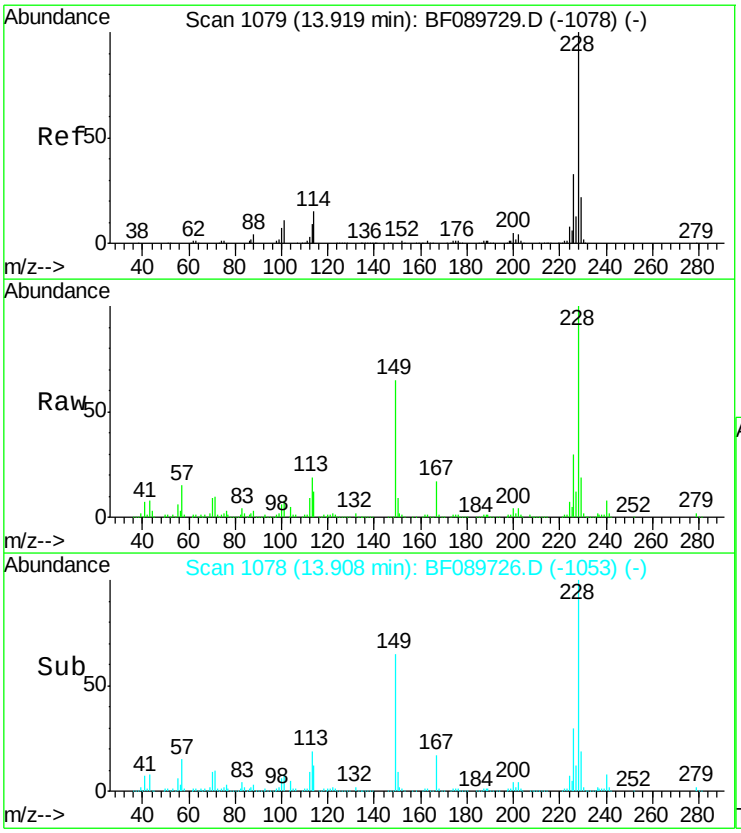
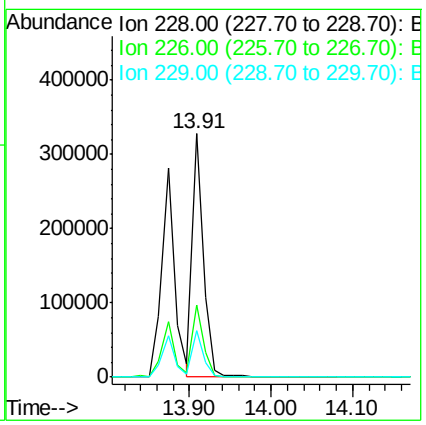
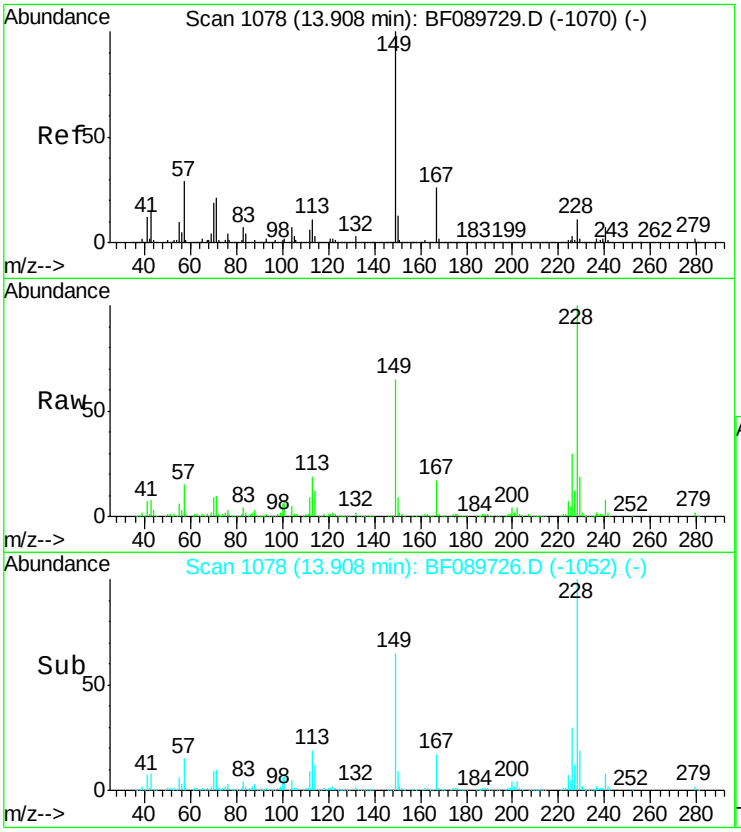


#82
Chrysene
Concen: 2.96 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:228 Resp: 313019

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	19.2	16.5	24.7

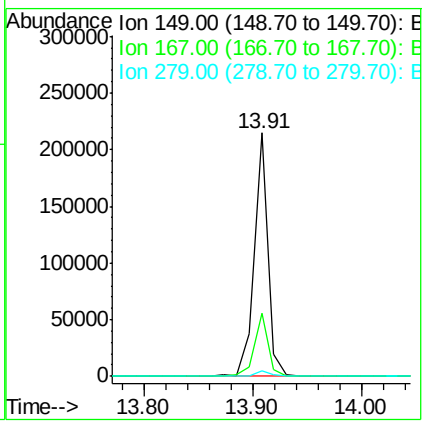




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.26 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:149 Resp: 190781

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.2	31.8
279	2.4	2.9	4.3#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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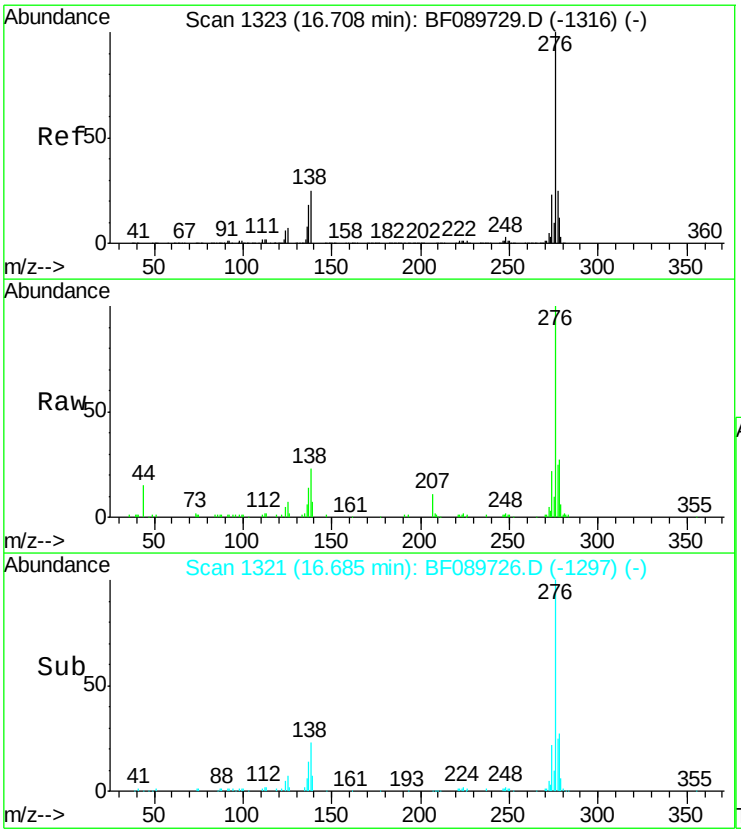
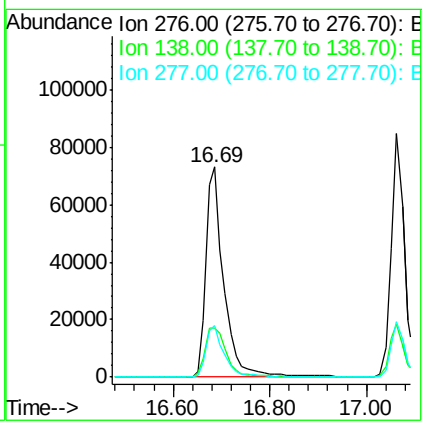
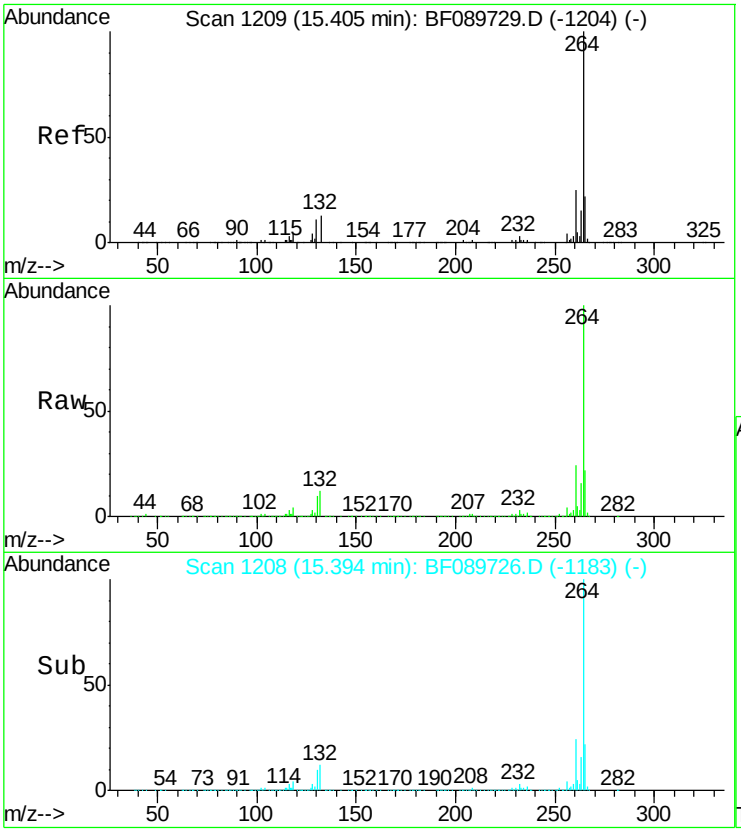


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:276 Resp: 190537

Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.6	36.8
277	24.6	20.4	30.6

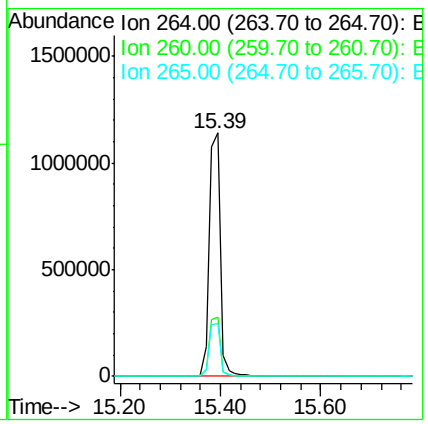




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:264 Resp: 1744299

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	21.9	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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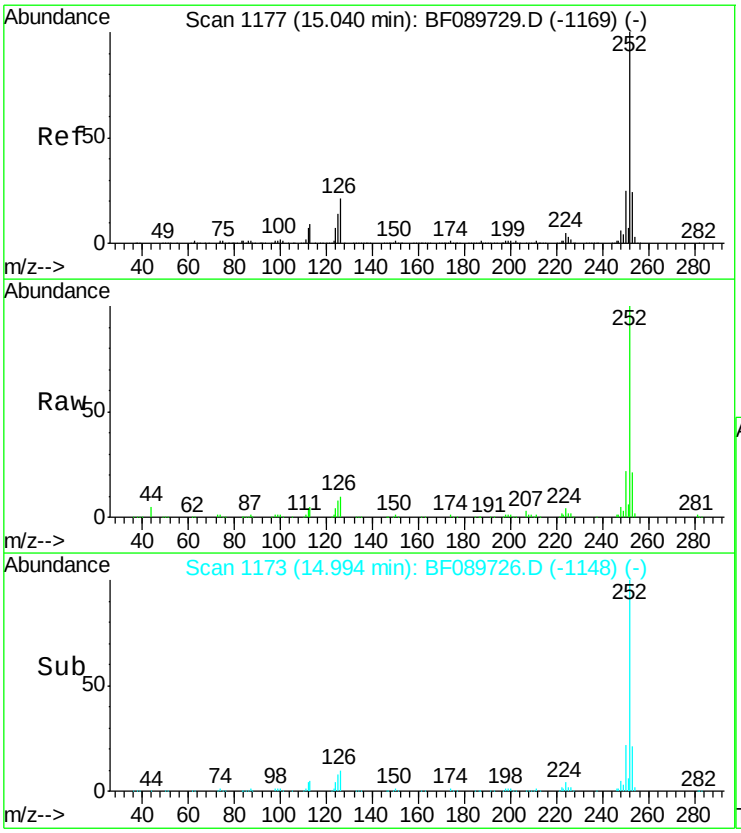
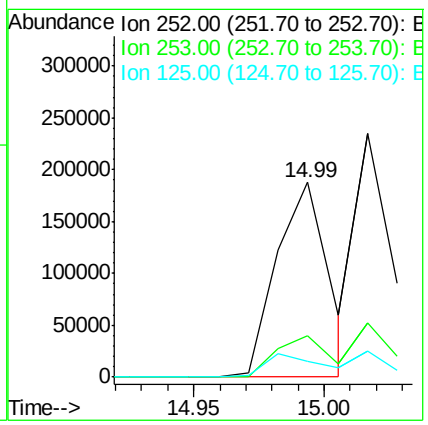
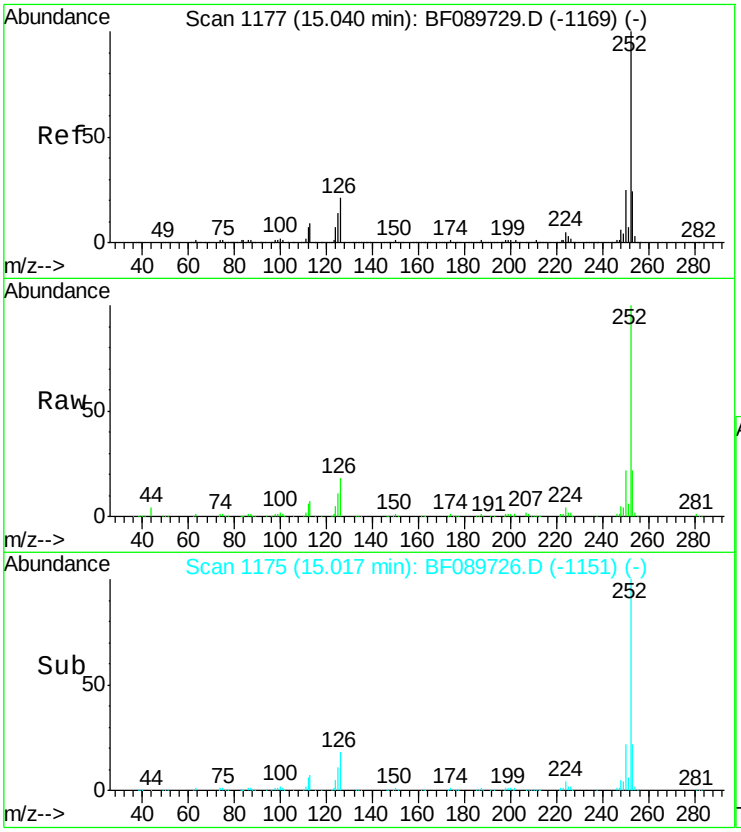


#87
Benzo(b)fluoranthene
Concen: 2.38 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:252 Resp: 256740

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	7.9	11.4	17.2#

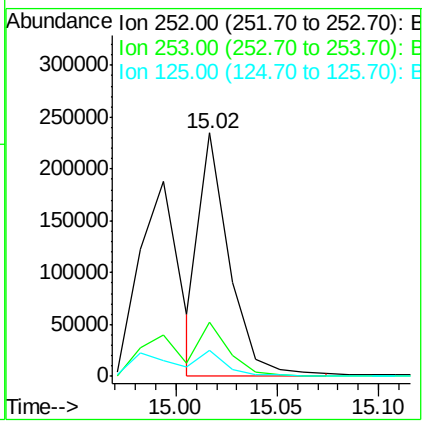




#88
Benzo(k)fluoranthene
Concen: 2.82 ng m
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:252 Resp: 243155

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.8	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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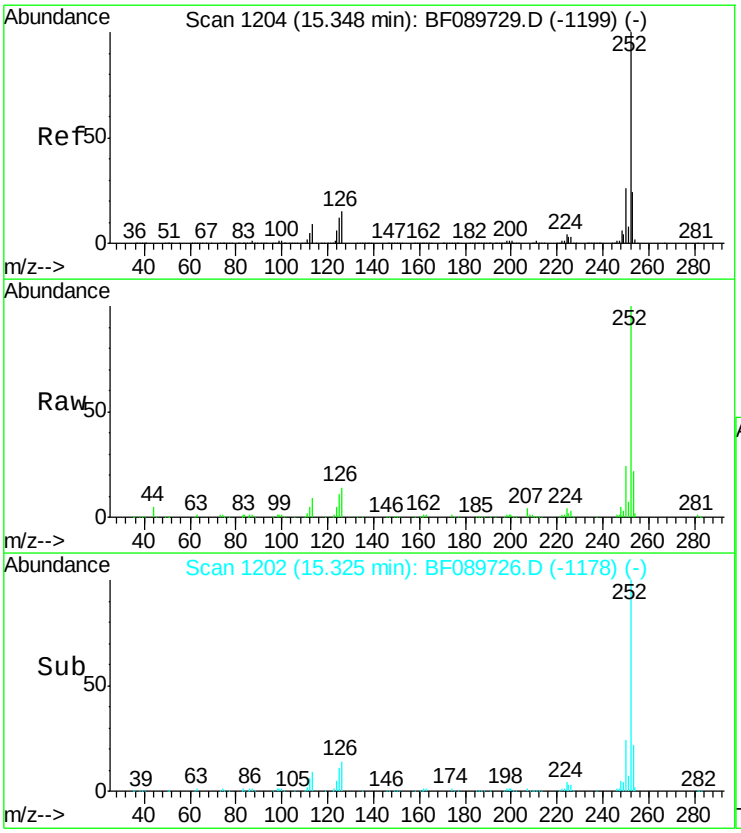
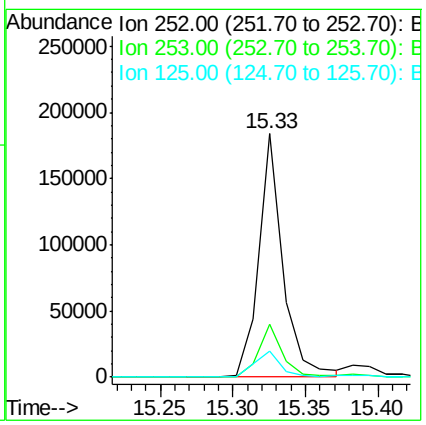
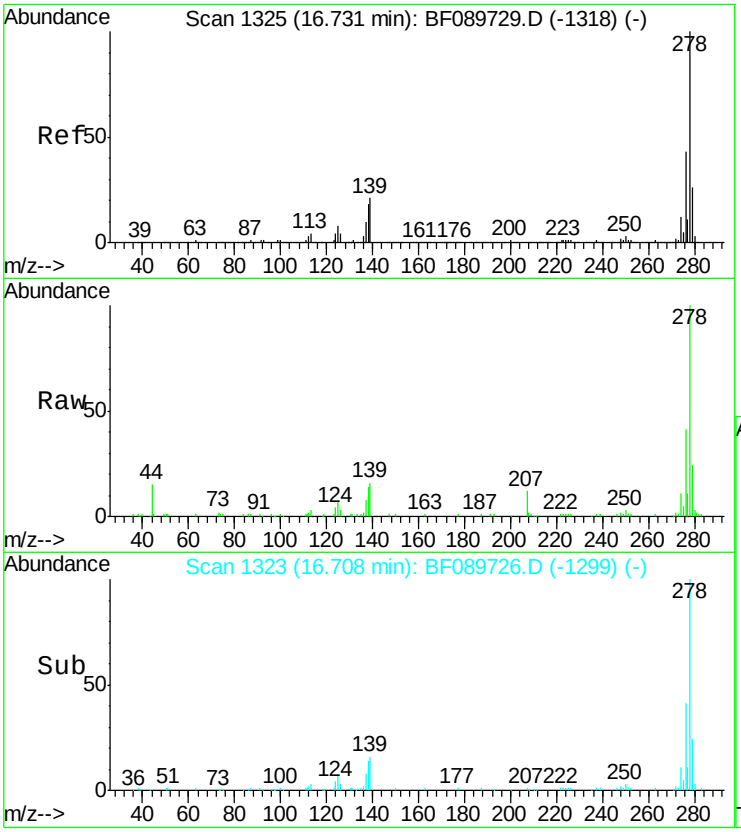


#89
Benzo(a)pyrene
Concen: 2.35 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:252 Resp: 212411

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	11.7	17.5#

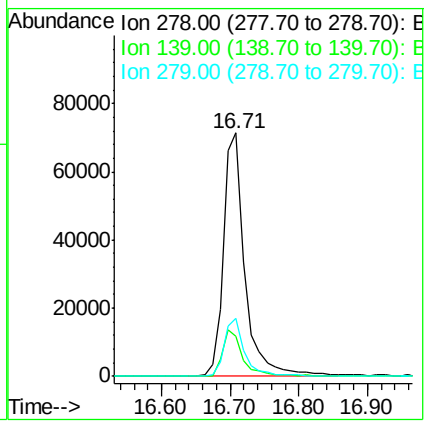




#90
Dibenzo(a,h)anthracene
Concen: 2.21 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:278 Resp: 157485

Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.9	22.3
279	23.8	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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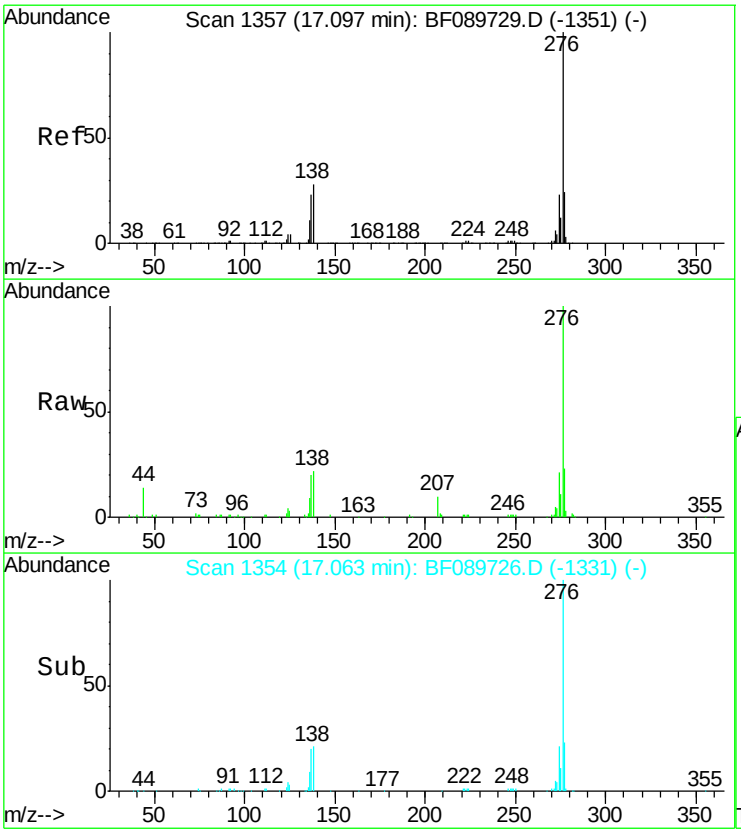

#91
Benzo(g,h,i)perylene
Concen: 2.36 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:276 Resp: 170422

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	21.7	22.1	33.1#