Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080883.D
Acq On : 6 Aug 2015 11:01
Operator : TP/UM
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:13:58 AM

Quant Time: Aug 07 03:17:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54615	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	210230	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	105007	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	202103	20.00	ng		0.00
75) Chrysene-d12	13.95	240	188836	20.00	ng		-0.01
86) Perylene-d12	15.36	264	180735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	17559	5.13	ng		0.00
7) Phenol-d6	6.43	99	24431	5.18	ng		-0.01
23) Nitrobenzene-d5	7.37	82	26758	6.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	5740	5.09	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	42808	5.81	ng		0.00
78) Terphenyl-d14	12.91	244	49928	5.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	4046	2.44	ng		98
4) n-Nitrosodimethylamine	3.00	42	4995	2.07	ng	#	96
6) Aniline	6.46	93	18307	2.62	ng	#	92
8) 2-Chlorophenol	6.58	128	9539	2.45	ng		86
9) Benzaldehyde	6.35	77	8506	2.62	ng		86
10) Phenol	6.44	94	15253	2.70	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	9721	2.43	ng		93
12) 1,3-Dichlorobenzene	6.75	146	10733	2.54	ng		94
13) 1,4-Dichlorobenzene	6.83	146	10694	2.49	ng		96
14) 1,2-Dichlorobenzene	6.98	146	10964	2.78	ng		96
15) Benzyl Alcohol	6.94	79	8793	2.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	22492	2.74	ng		98
17) 2-Methylphenol	7.06	107	9502	2.73	ng		97
18) Hexachloroethane	7.32	117	4267	2.62	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	8782	2.62	ng	#	97
20) 3+4-Methylphenols	7.22	107	11379	2.69	ng		94
22) Acetophenone	7.22	105	15057	2.86	ng	#	79
24) Nitrobenzene	7.39	77	11750	2.58	ng	#	77
25) Isophorone	7.63	82	24064	2.81	ng		96
26) 2-Nitrophenol	7.71	139	4829	2.53	ng	#	86
27) 2,4-Dimethylphenol	7.74	122	9971	2.72	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	14774	2.91	ng		99
29) 2,4-Dichlorophenol	7.95	162	7776	2.66	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	8718	2.69	ng		96
31) Naphthalene	8.11	128	31882	2.79	ng		100
33) 4-Chloroaniline	8.17	127	13157	2.79	ng	#	93
34) Hexachlorobutadiene	8.24	225	5321	2.89	ng		98
35) Caprolactam	8.49	113	2745	2.52	ng	#	73
36) 4-Chloro-3-methylphenol	8.64	107	9057	2.58	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	8315	2.60	ng		99
42) 2,4,6-Trichlorophenol	9.08	196	6457	2.74	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	5882	2.49	ng	#	85
45) 1,1'-Biphenyl	9.26	154	23378	2.63	ng		95
46) 2-Chloronaphthalene	9.29	162	18502	2.66	ng	#	91

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:13:58 AM

Quant Time: Aug 07 03:17:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.38	65	6369	2.25	ng	#	82
48) Acenaphthylene	9.70	152	32217	2.64	ng		98
49) Dimethylphthalate	9.56	163	20729	2.49	ng		99
50) 2,6-Dinitrotoluene	9.63	165	4257	2.38	ng	#	50
51) Acenaphthene	9.88	154	19076	2.58	ng		98
52) 3-Nitroaniline	9.79	138	5323	2.41	ng		94
54) Dibenzofuran	10.05	168	27295	2.72	ng		91
55) 4-Nitrophenol	9.95	139	3581	2.15	ng		90
56) 2,4-Dinitrotoluene	10.03	165	5224	2.17	ng	#	58
57) Fluorene	10.38	166	22048	2.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	4926	2.60	ng	#	93
59) Diethylphthalate	10.27	149	23741	2.61	ng	#	92
60) 4-Chlorophenyl-phenylether	10.38	204	10629	2.89	ng		95
61) 4-Nitroaniline	10.40	138	5541	2.44	ng		92
62) Azobenzene	10.54	77	25429	2.55	ng		89
65) n-Nitrosodiphenylamine	10.50	169	21107	2.93	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	6650	3.03	ng	#	86
67) Hexachlorobenzene	10.93	284	6444	2.71	ng	#	68
68) Atrazine	11.02	200	5299	2.55	ng		92
70) Phenanthrene	11.34	178	35052	2.96	ng		98
71) Anthracene	11.40	178	33636	2.89	ng		99
72) Carbazole	11.55	167	33049	2.81	ng		99
73) Di-n-butylphthalate	11.89	149	40699	2.84	ng		98
74) Fluoranthene	12.53	202	37220	2.88	ng		93
76) Benzidine	12.66	184	16085	2.09	ng		98
77) Pyrene	12.76	202	37746	2.69	ng		96
79) Butylbenzylphthalate	13.38	149	15537	2.31	ng	#	64
80) Benzo(a)anthracene	13.94	228	34987	2.84	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	11464	2.48	ng	#	97
82) Chrysene	13.97	228	32405	2.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	23291	2.53	ng	#	96
84) Di-n-octyl phthalate	14.56	149	40177	2.48	ng		96
85) Indeno(1,2,3-cd)pyrene	16.71	276	28085	2.45	ng		99
87) Benzo(b)fluoranthene	14.96	252	32978m	2.60	ng		
88) Benzo(k)fluoranthene	14.98	252	30580m	2.84	ng		
89) Benzo(a)pyrene	15.30	252	27648	2.53	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	23904	2.54	ng		98
91) Benzo(g,h,i)perylene	17.11	276	22868	2.50	ng		95

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

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Misc :
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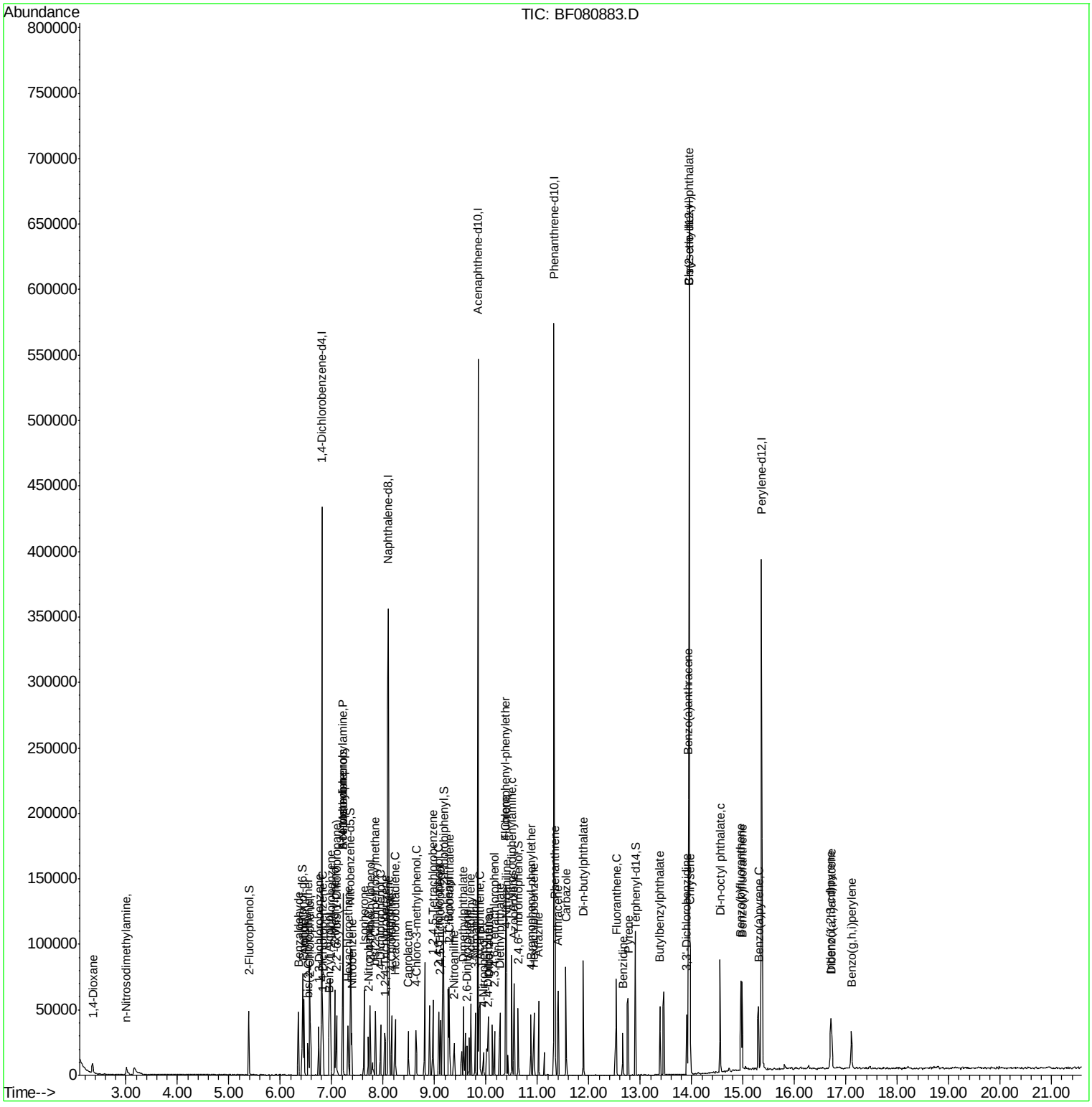
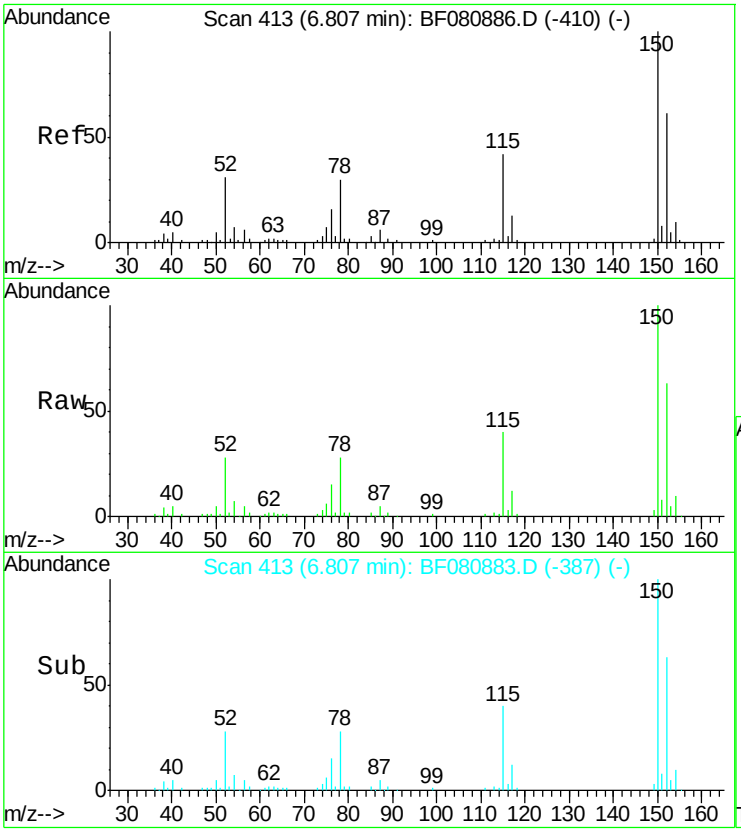
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:13:58 AM

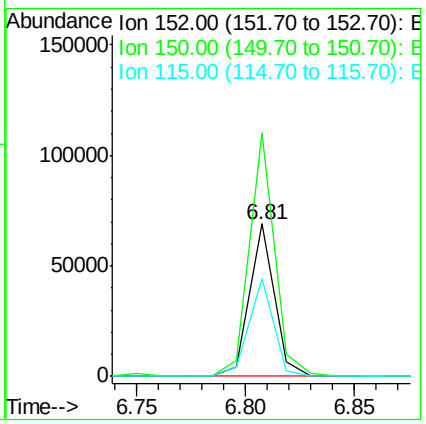




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

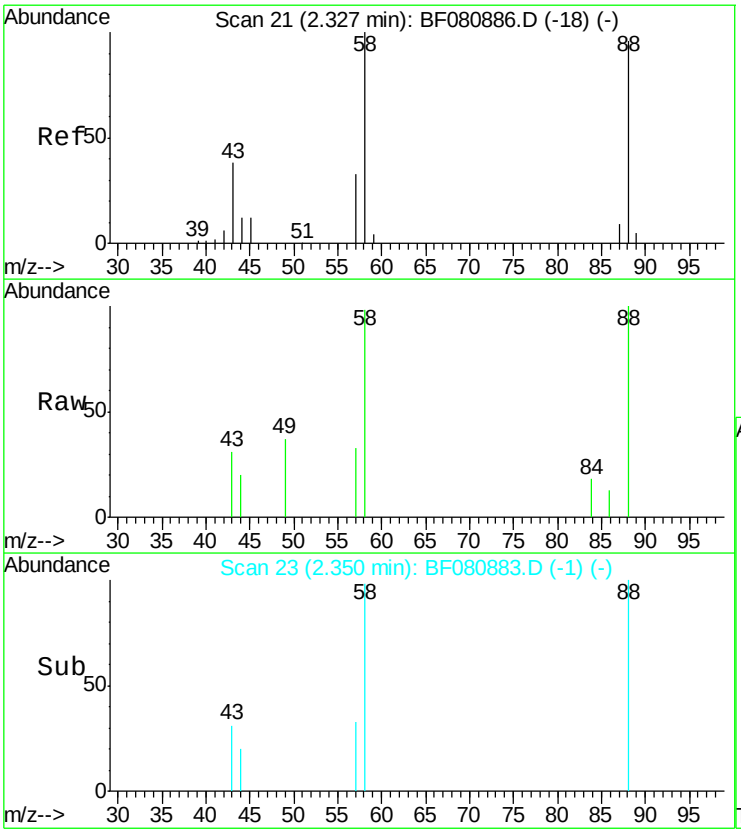
Tgt Ion:152 Resp: 54615

Ion	Ratio	Lower	Upper
152	100		
150	159.9	132.2	198.2
115	63.9	54.9	82.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

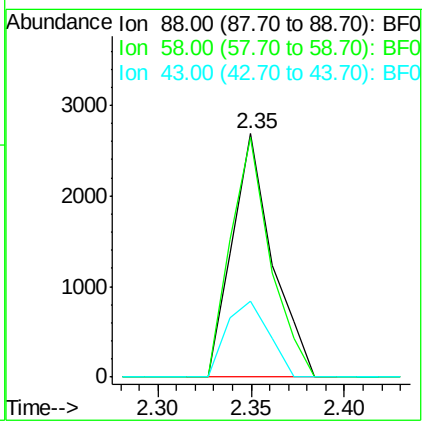
Manual Integrations APPROVED
MMDadoda
8/10/2015 10:13:58 AM

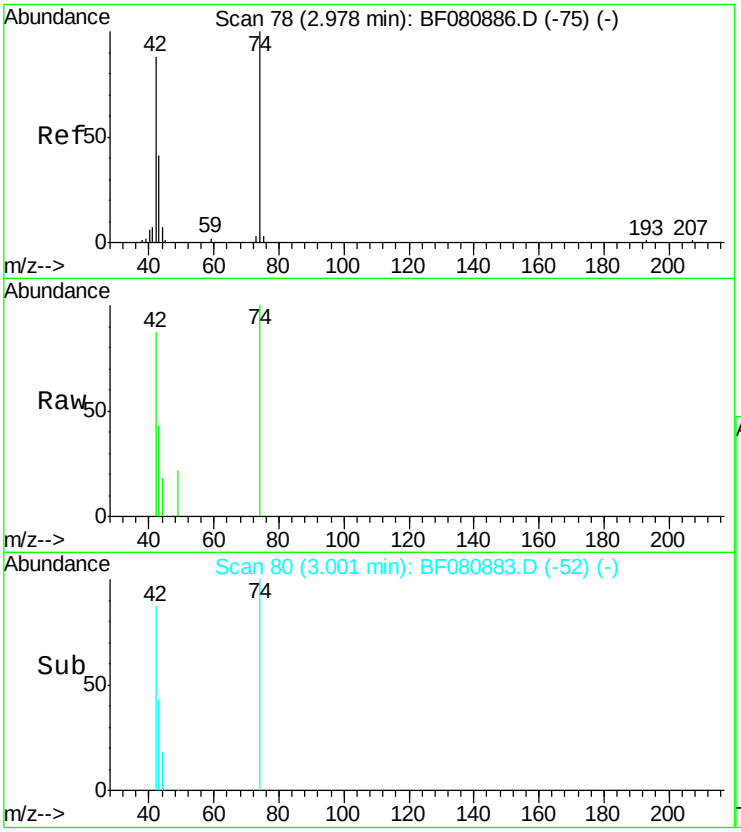


#2
1,4-Dioxane
Concen: 2.44 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 88 Resp: 4046

Ion	Ratio	Lower	Upper
88	100		
58	97.3	78.2	117.4
43	32.6	29.1	43.7

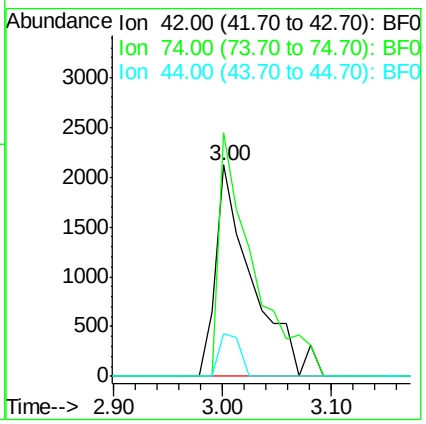




#4
n-Nitrosodimethylamine
Concen: 2.07 ng
RT: 3.00 min Scan# 80
Delta R.T. 0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 42 Resp: 4995

Ion	Ratio	Lower	Upper
42	100		
74	115.3	90.6	135.8
44	20.4	6.6	10.0#



Instrument :
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ClientSampleId :
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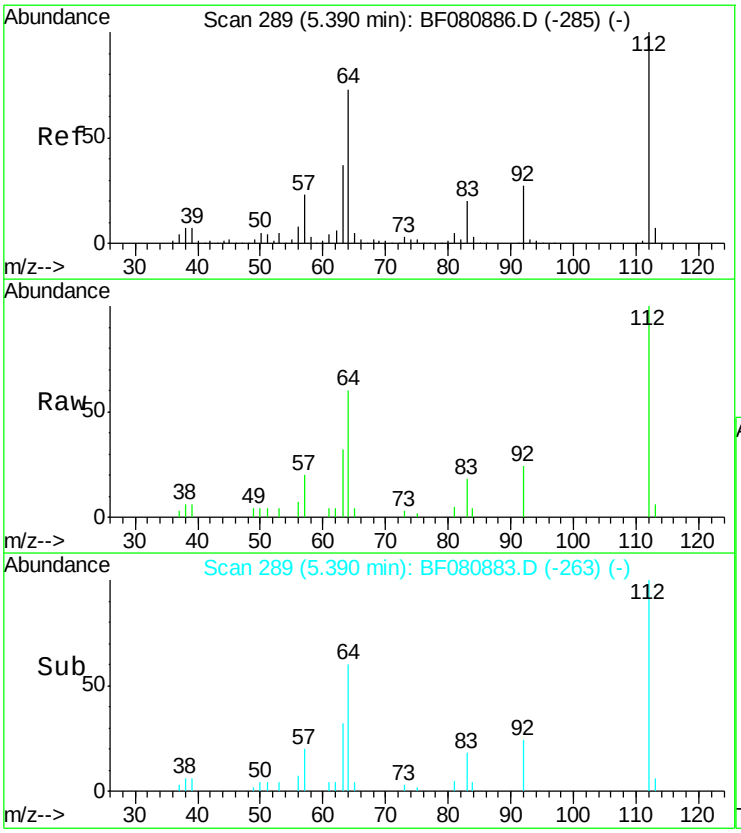
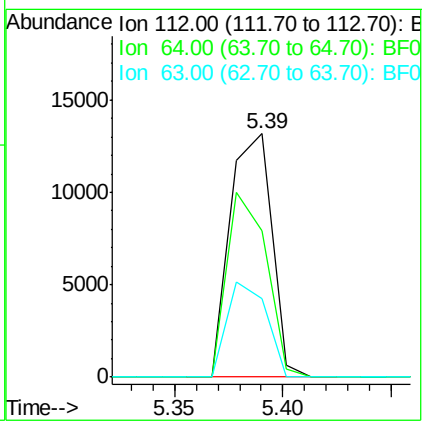
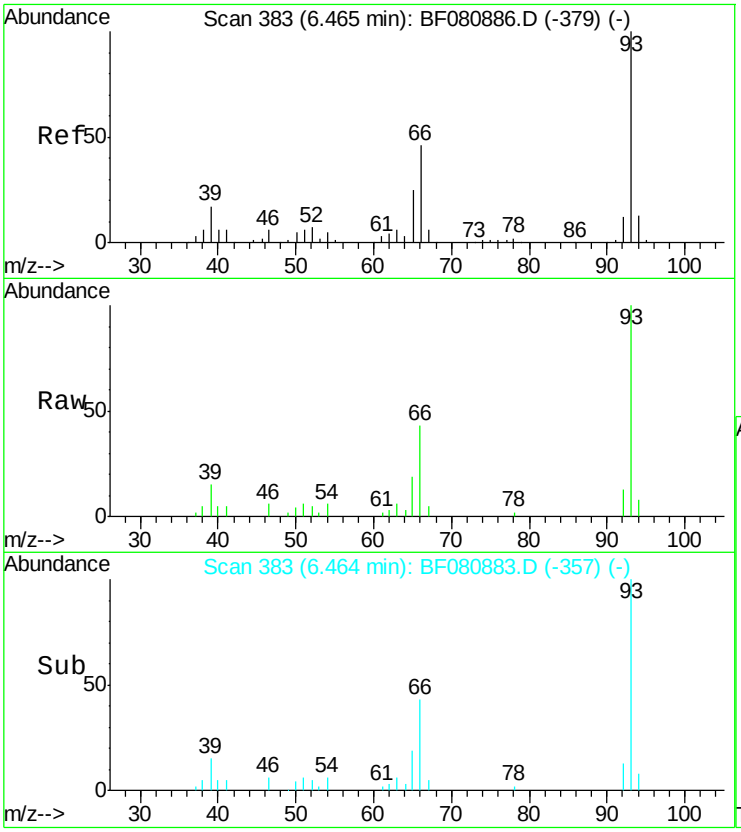


#5
2-Fluorophenol
Concen: 5.13 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:112 Resp: 17559

Ion	Ratio	Lower	Upper
112	100		
64	60.3	58.0	87.0
63	32.0	29.8	44.8

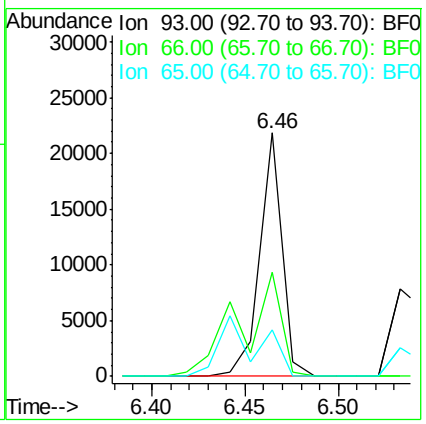




#6
Aniline
Concen: 2.62 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 93 Resp: 18307

Ion	Ratio	Lower	Upper
93	100		
66	42.6	37.4	56.0
65	19.1	19.8	29.6#



Instrument :
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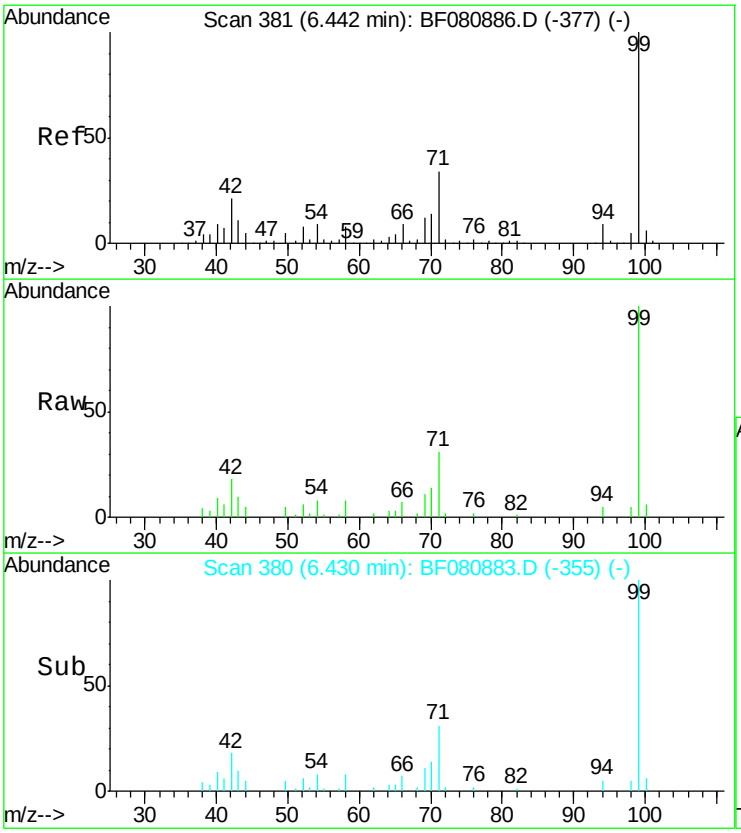
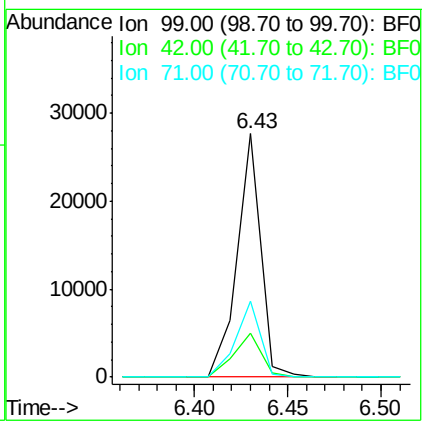
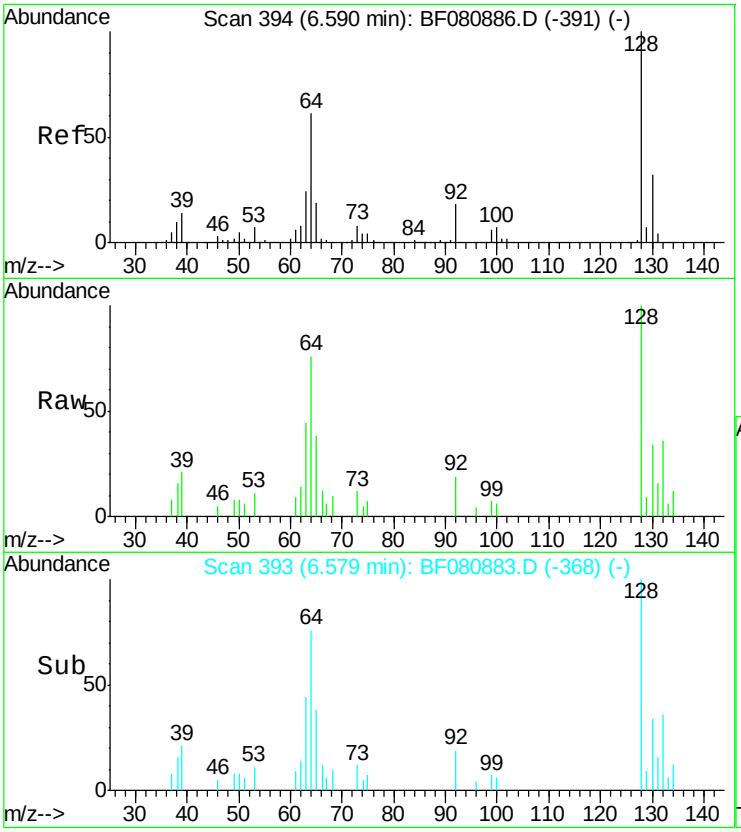


#7
Phenol-d6
Concen: 5.18 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 99 Resp: 24431

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.8	25.2
71	31.1	27.4	41.0

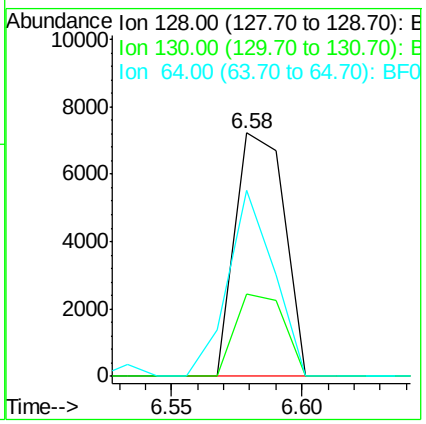




#8
2-Chlorophenol
Concen: 2.45 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:128 Resp: 9539

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.1	52.1
64	76.2	41.3	81.3



Instrument :
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ClientSampleId :
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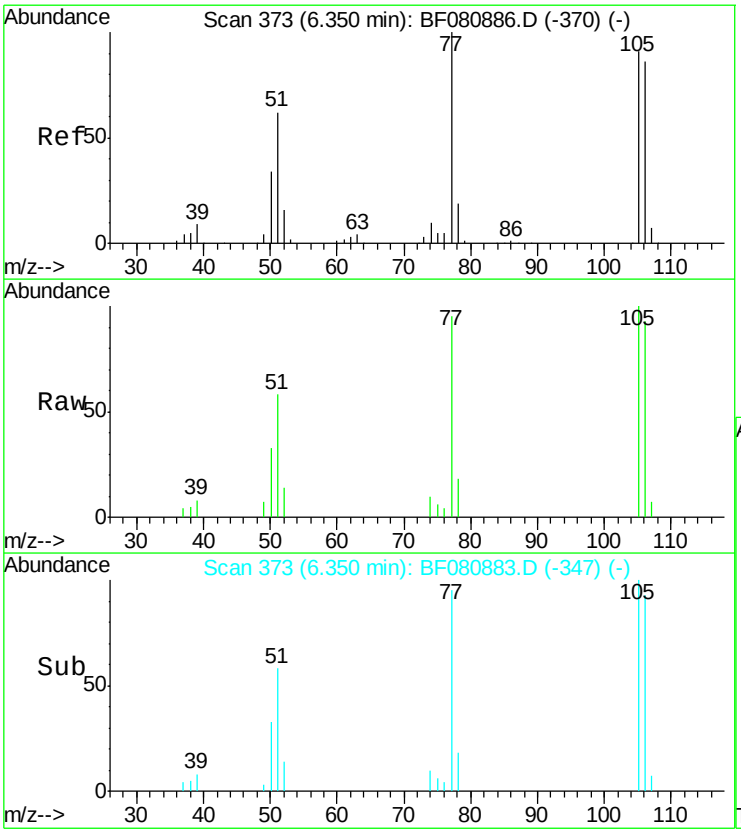
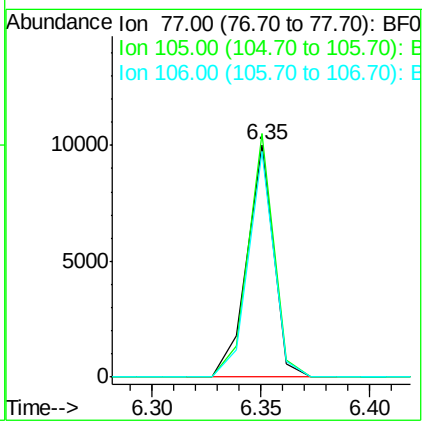
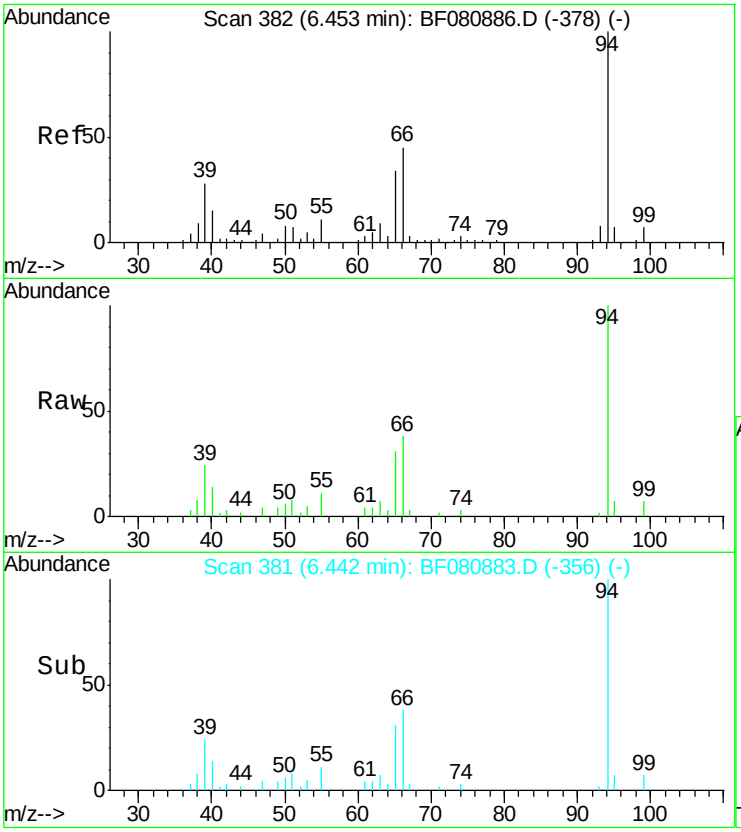


#9
Benzaldehyde
Concen: 2.62 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 77 Resp: 8506

Ion	Ratio	Lower	Upper
77	100		
105	104.8	70.7	110.7
106	97.3	66.1	106.1

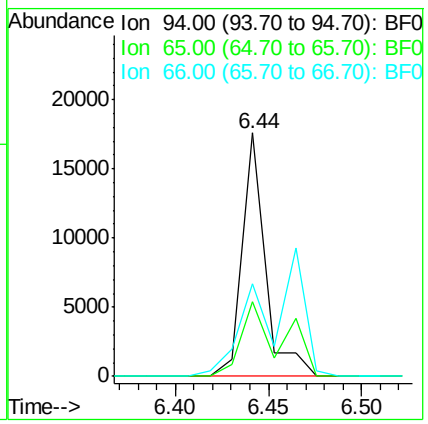




#10
Phenol
Concen: 2.70 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 94 Resp: 15253

Ion	Ratio	Lower	Upper
94	100		
65	30.8	14.0	54.0
66	38.2	24.6	64.6



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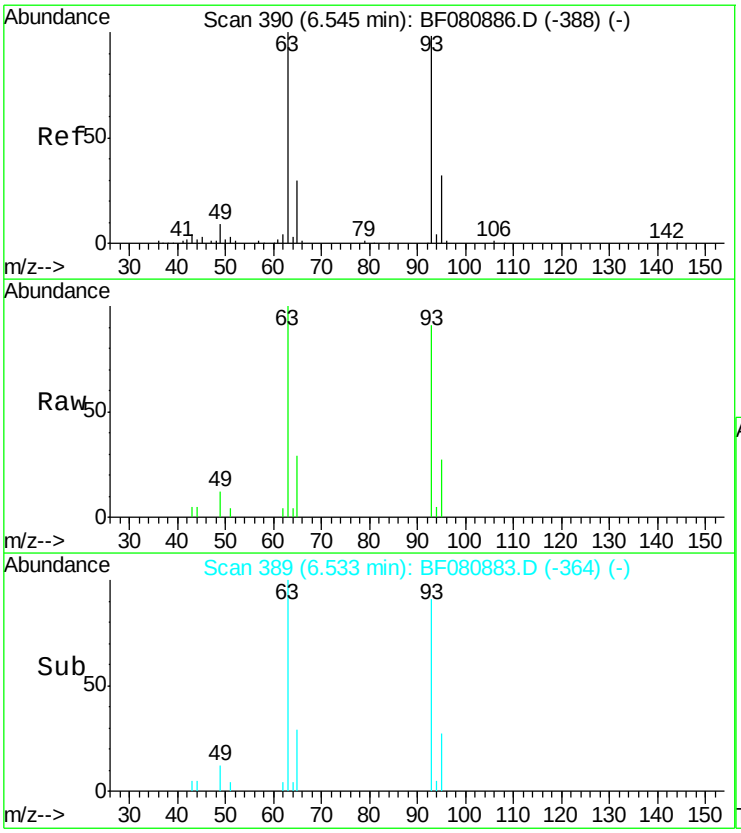
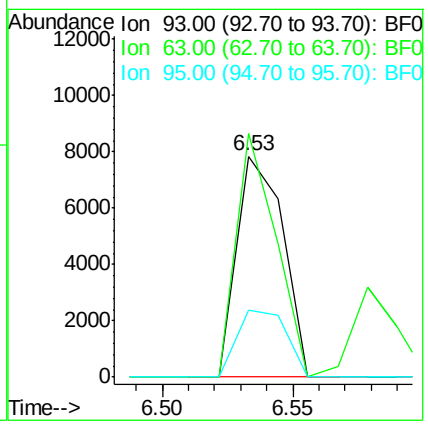
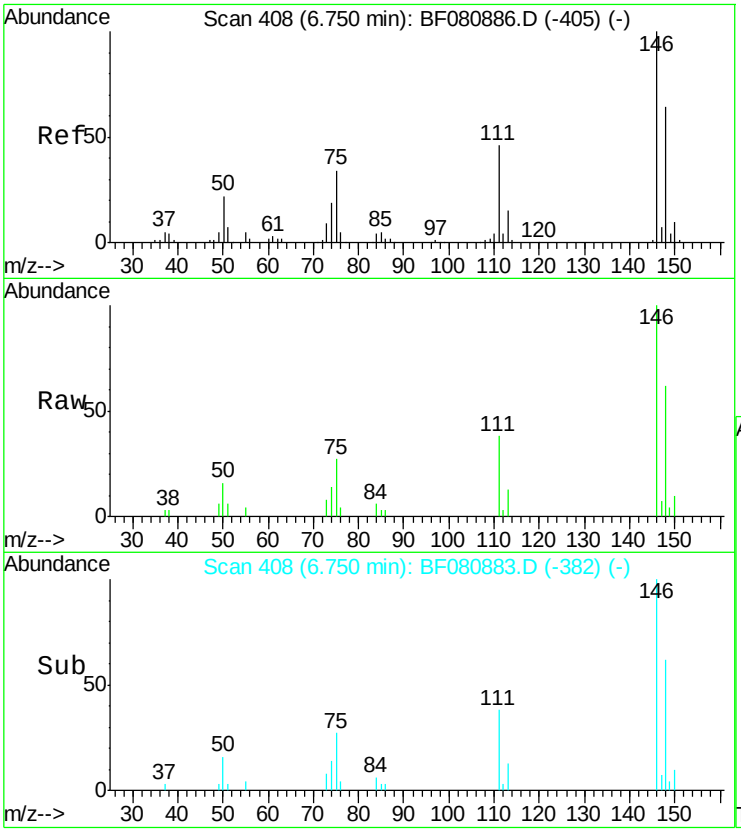


#11
bis(2-Chloroethyl)ether
Concen: 2.43 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 93 Resp: 9721

Ion	Ratio	Lower	Upper
93	100		
63	110.1	81.4	121.4
95	30.2	12.1	52.1

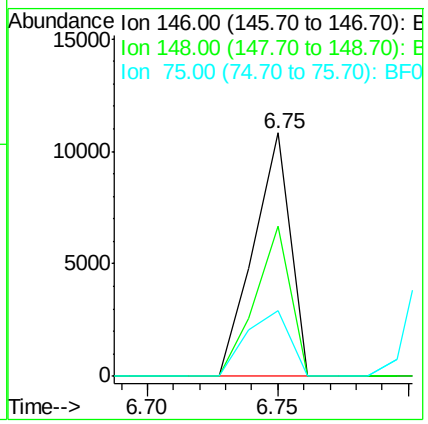




#12
1,3-Dichlorobenzene
Concen: 2.54 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:146 Resp: 10733

Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.3	76.9
75	27.1	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
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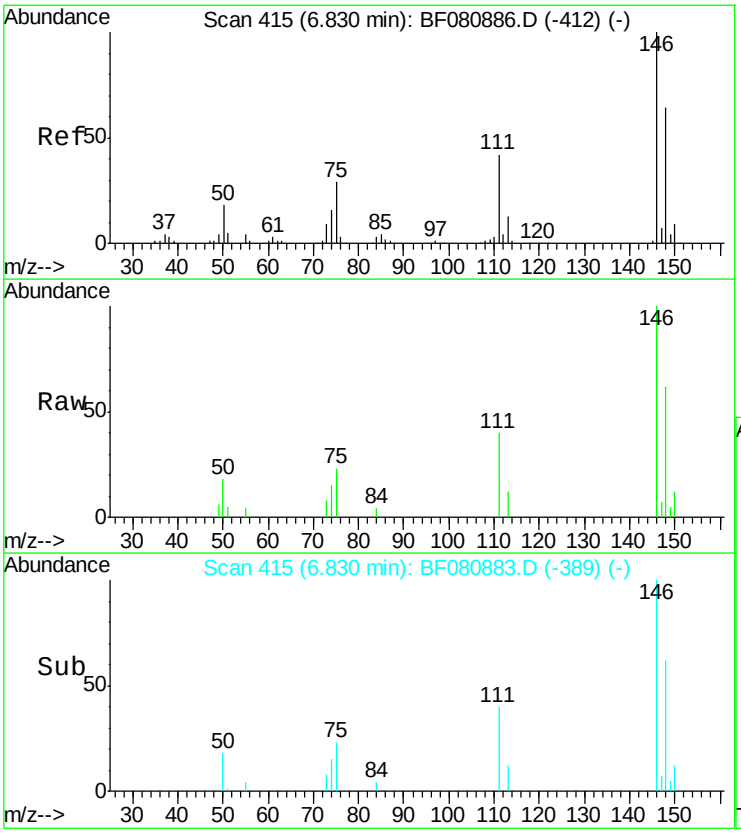
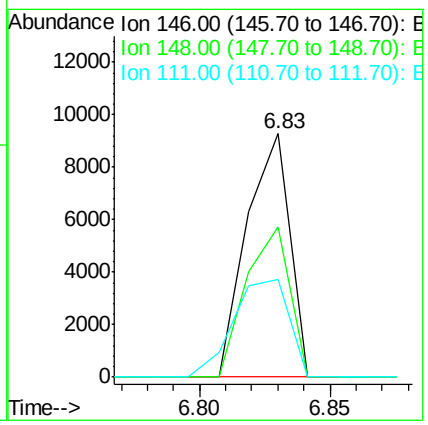
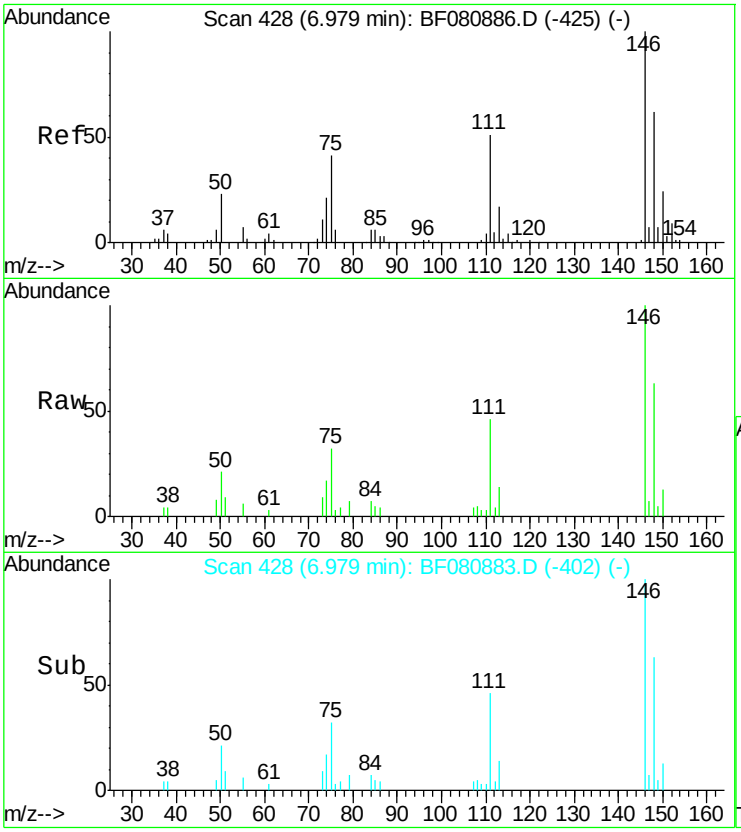


#13
1,4-Dichlorobenzene
Concen: 2.49 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:146 Resp: 10694

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.5	77.3
111	40.1	33.8	50.6

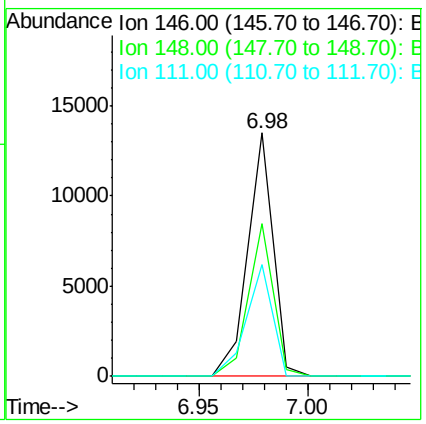




#14
1,2-Dichlorobenzene
Concen: 2.78 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:146 Resp: 10964

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.0	75.0
111	45.8	41.0	61.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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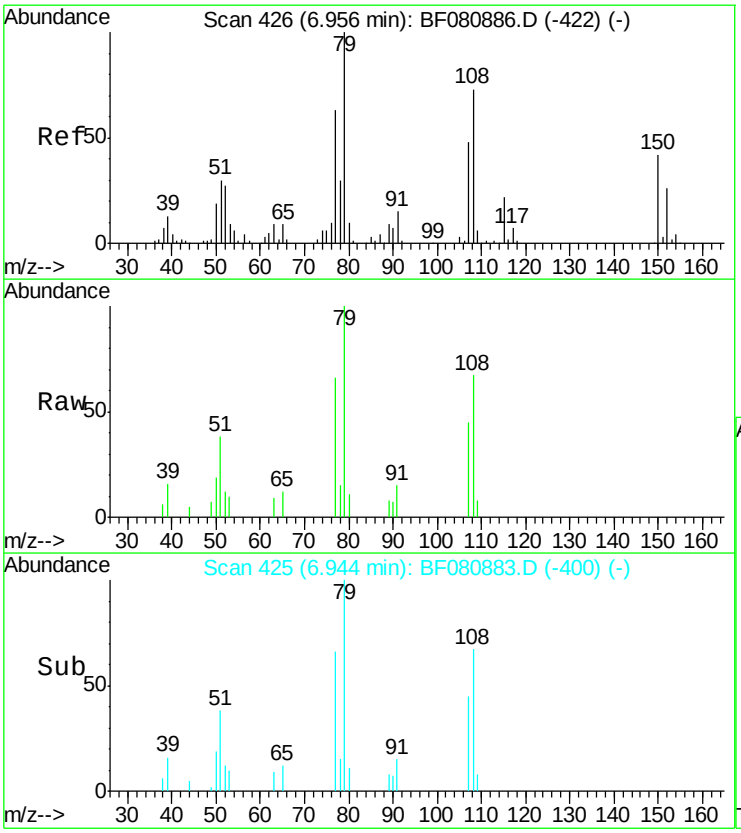
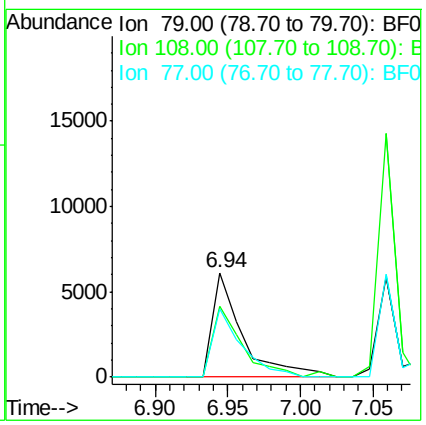
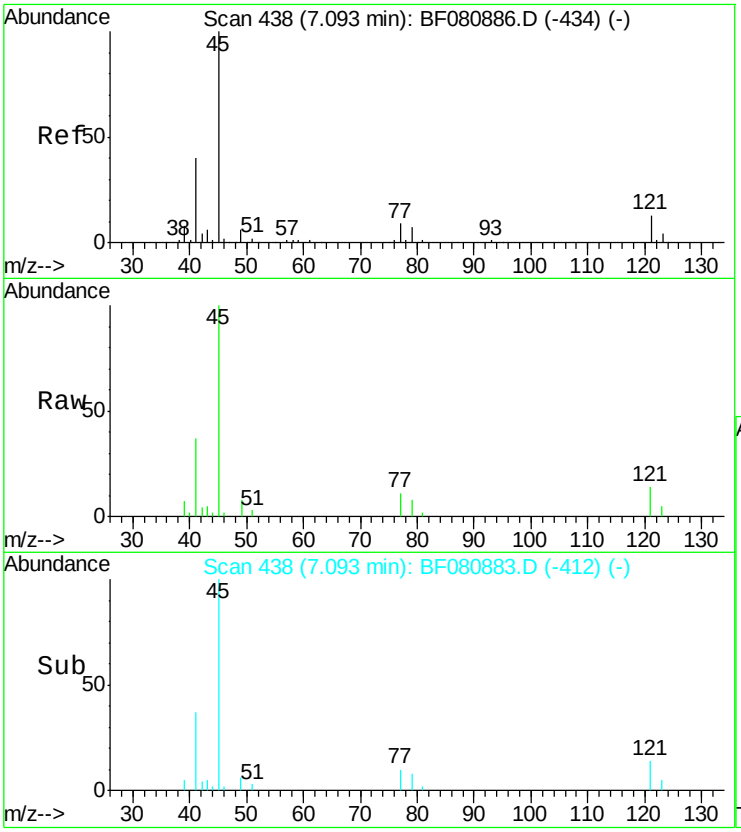


#15
Benzyl Alcohol
Concen: 2.35 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 79 Resp: 8793

Ion	Ratio	Lower	Upper
79	100		
108	67.4	58.2	87.2
77	65.6	50.0	75.0

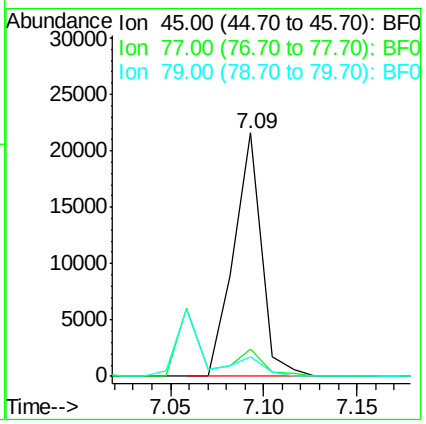




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.74 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 45 Resp: 22492

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.1
79	8.1	0.0	27.6



Instrument :
BNA_F
ClientSampleId :
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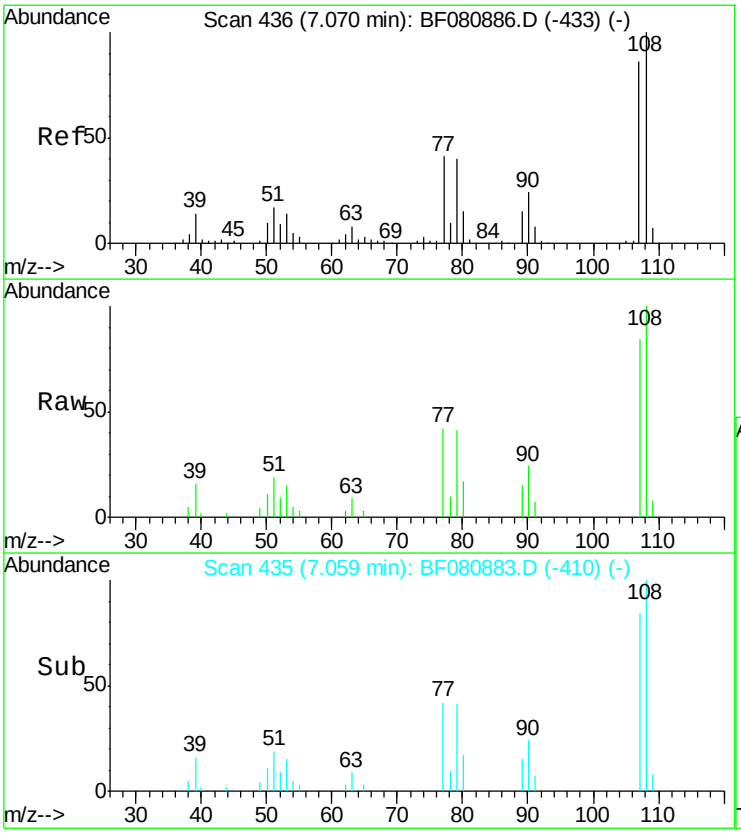
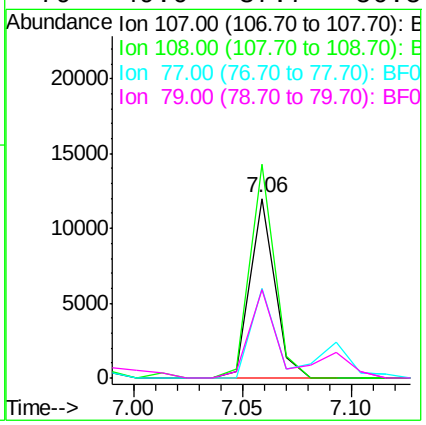
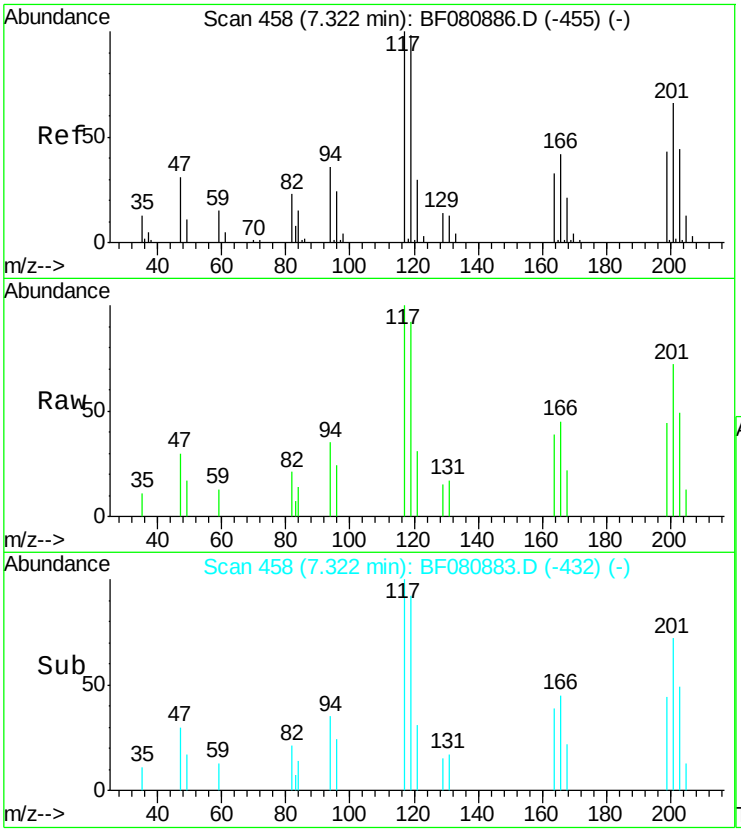


#17
2-Methylphenol
Concen: 2.73 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:107 Resp: 9502

Ion	Ratio	Lower	Upper
107	100		
108	118.9	93.1	139.7
77	49.9	38.2	57.2
79	49.0	37.7	56.5

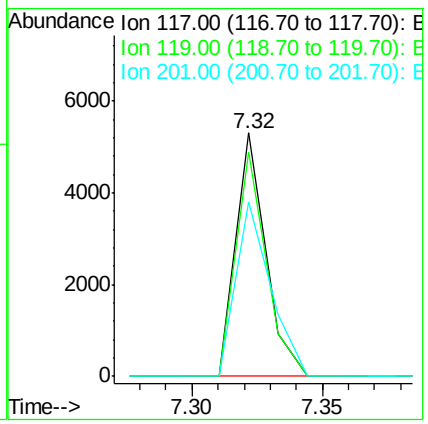




#18
Hexachloroethane
Concen: 2.62 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:117 Resp: 4267

Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.4	117.6
201	71.8	53.1	79.7



Instrument :
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ClientSampleId :
SSTDICC2.5

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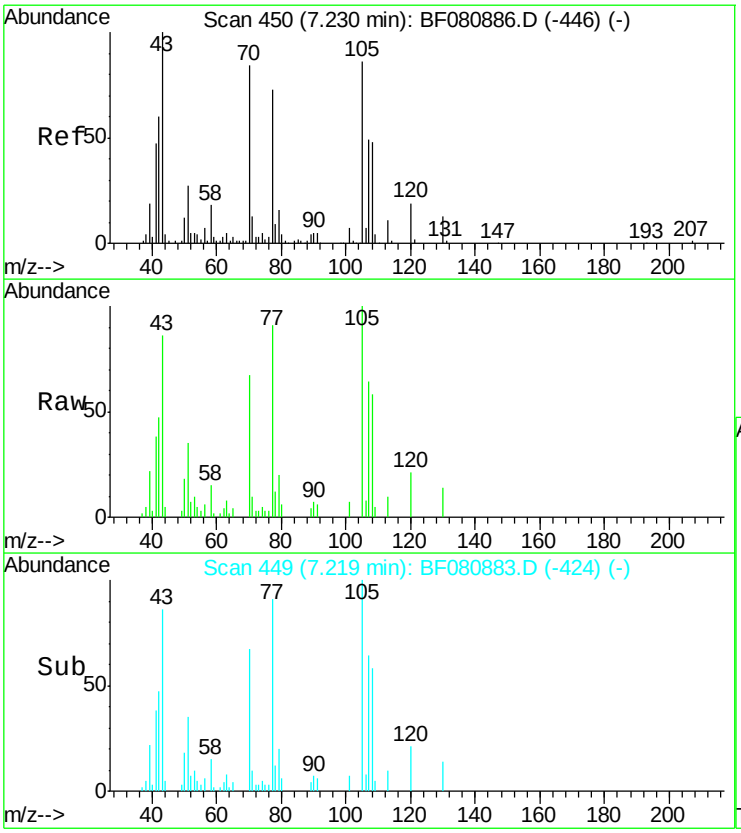
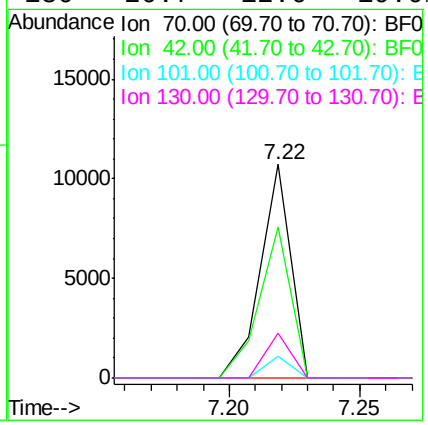
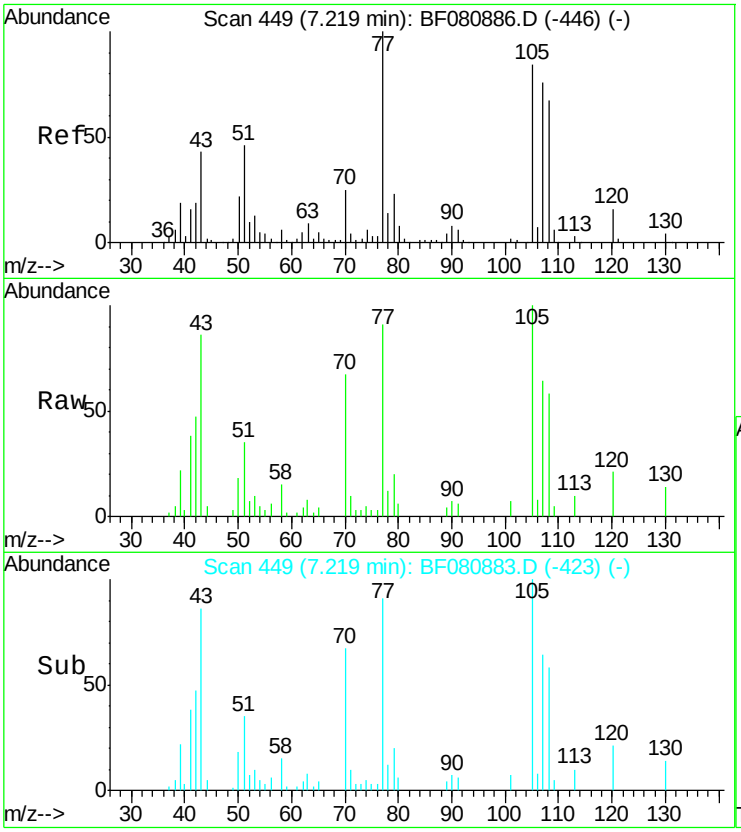


#19
n-Nitroso-di-n-propylamine
Concen: 2.62 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 70 Resp: 8782

Ion	Ratio	Lower	Upper
70	100		
42	70.6	57.2	85.8
101	10.1	6.6	9.8#
130	20.7	12.6	19.0#

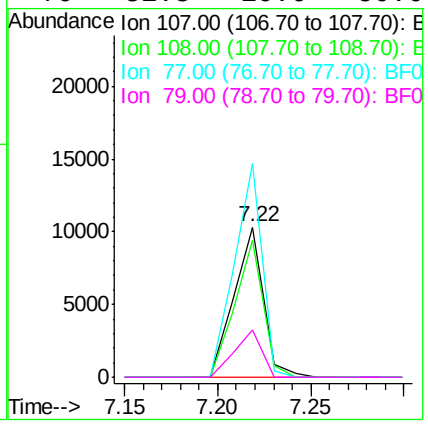




#20
3+4-Methylphenols
Concen: 2.69 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:107 Resp: 11379

Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.3	107.3
77	142.1	111.2	151.2
79	31.3	10.6	50.6



Instrument :
BNA_F
ClientSampleId :
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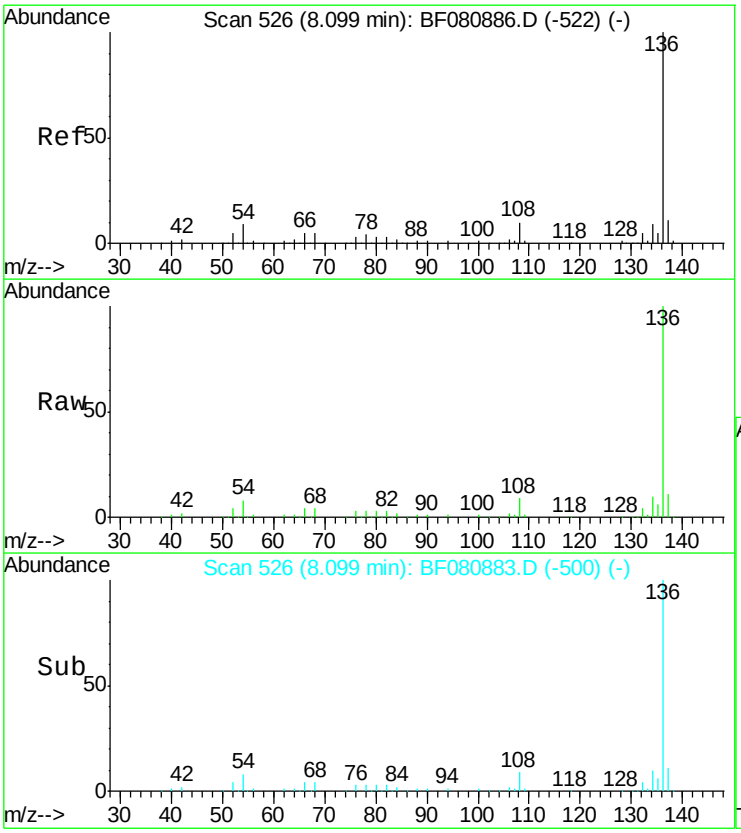
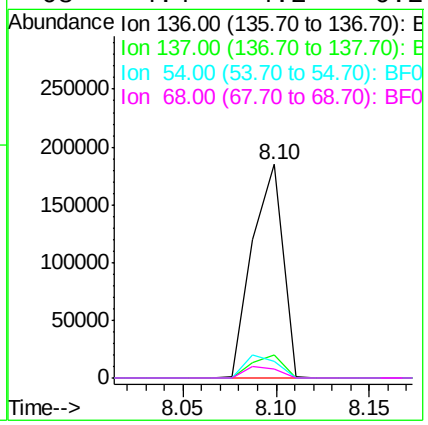
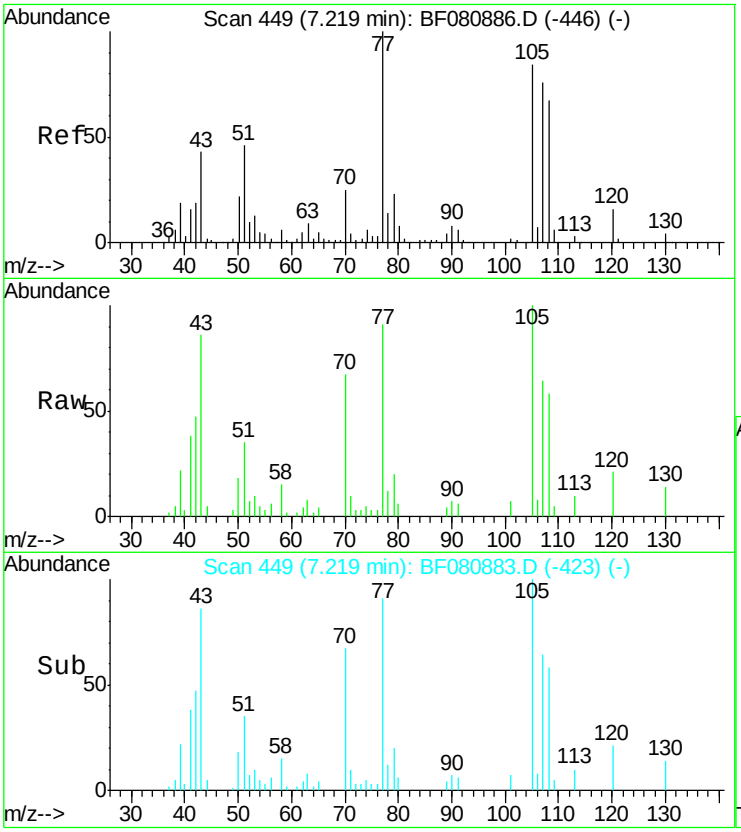


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:136 Resp: 210230

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.8	7.5	11.3
68	4.4	4.2	6.2

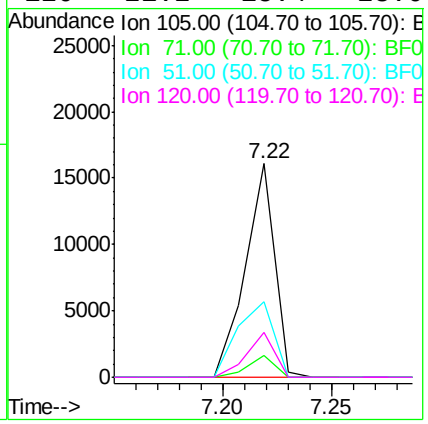




#22
Acetophenone
Concen: 2.86 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:105 Resp: 15057

Ion	Ratio	Lower	Upper
105	100		
71	10.3	3.8	5.8#
51	35.5	44.2	66.4#
120	21.2	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
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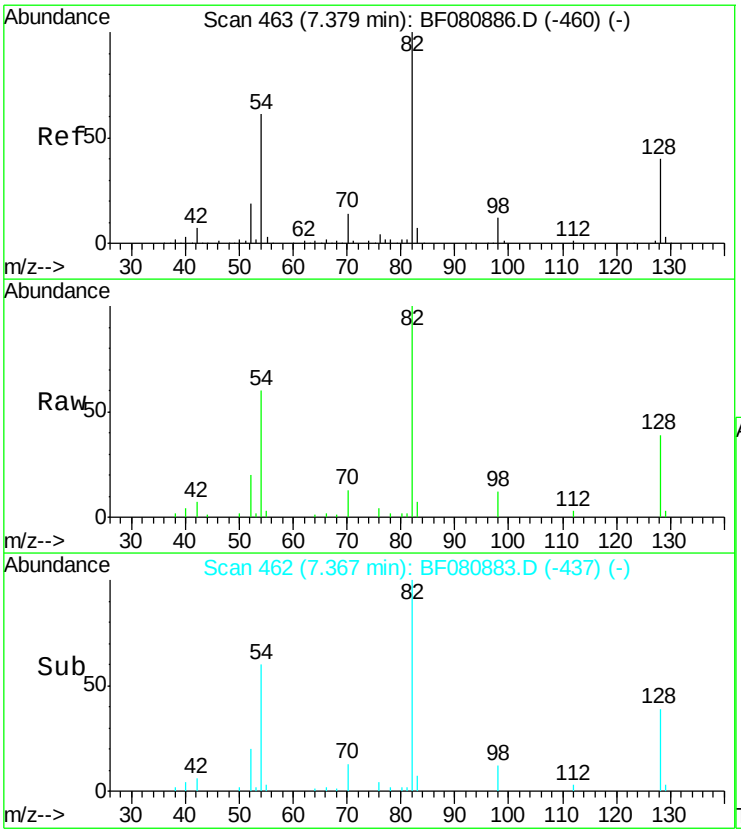
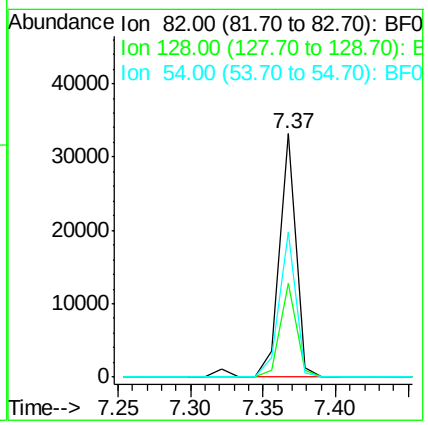
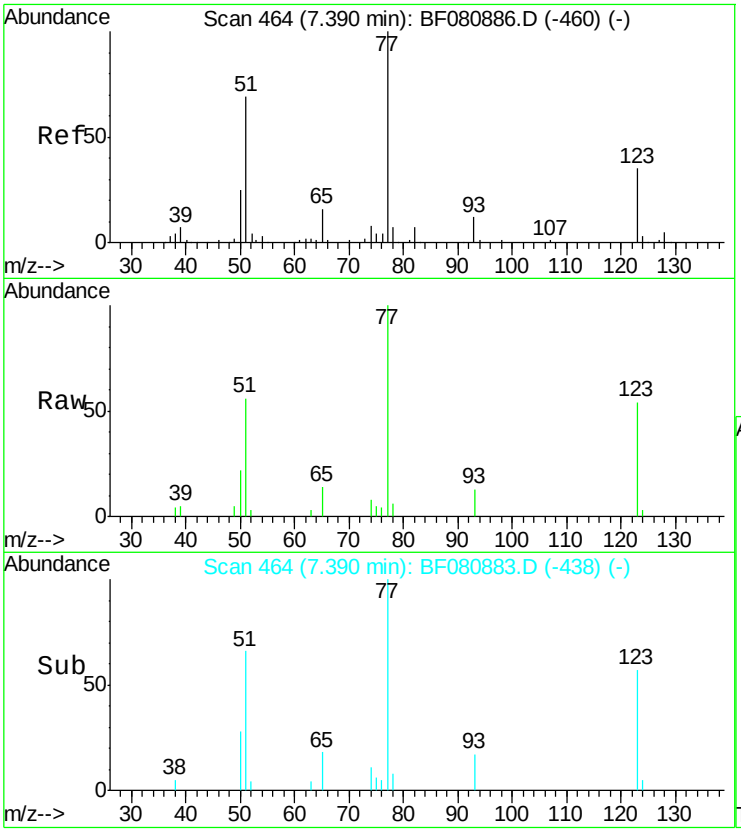


#23
Nitrobenzene-d5
Concen: 6.00 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 82 Resp: 26758

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.8	47.6
54	59.5	48.6	72.8

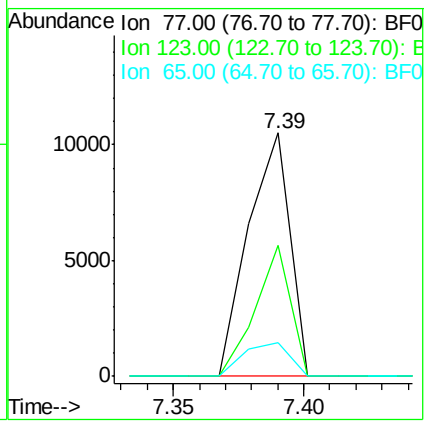




#24
Nitrobenzene
Concen: 2.58 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 77 Resp: 11750

Ion	Ratio	Lower	Upper
77	100		
123	53.6	28.3	42.5#
65	13.8	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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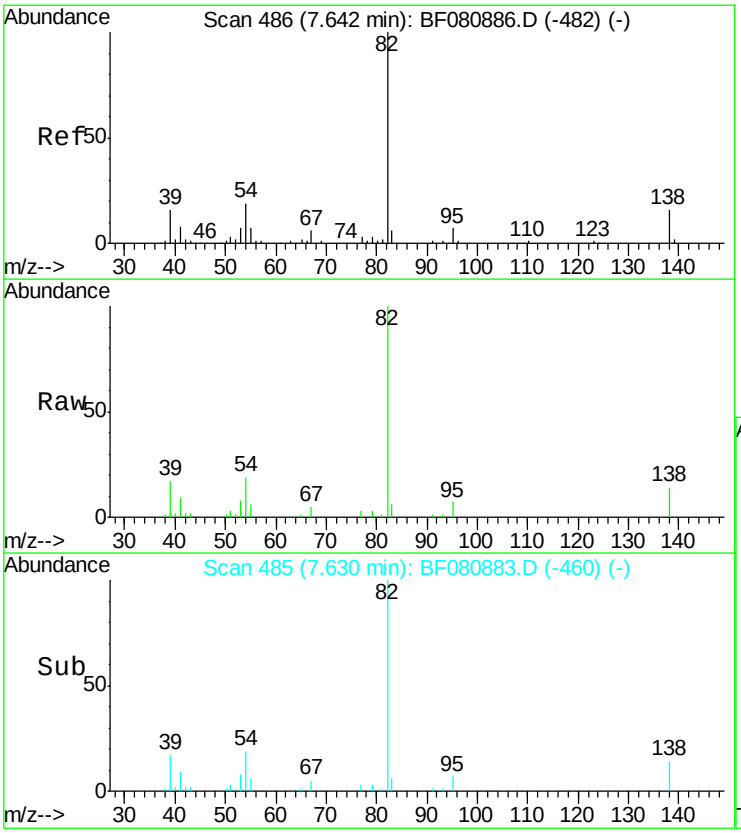
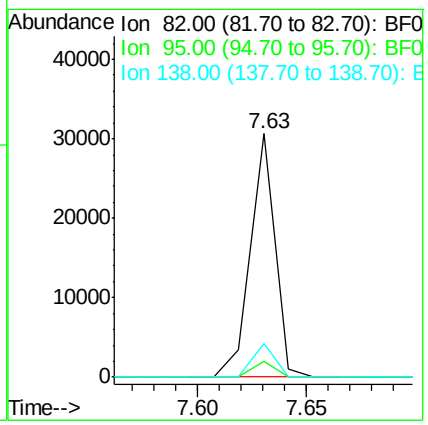
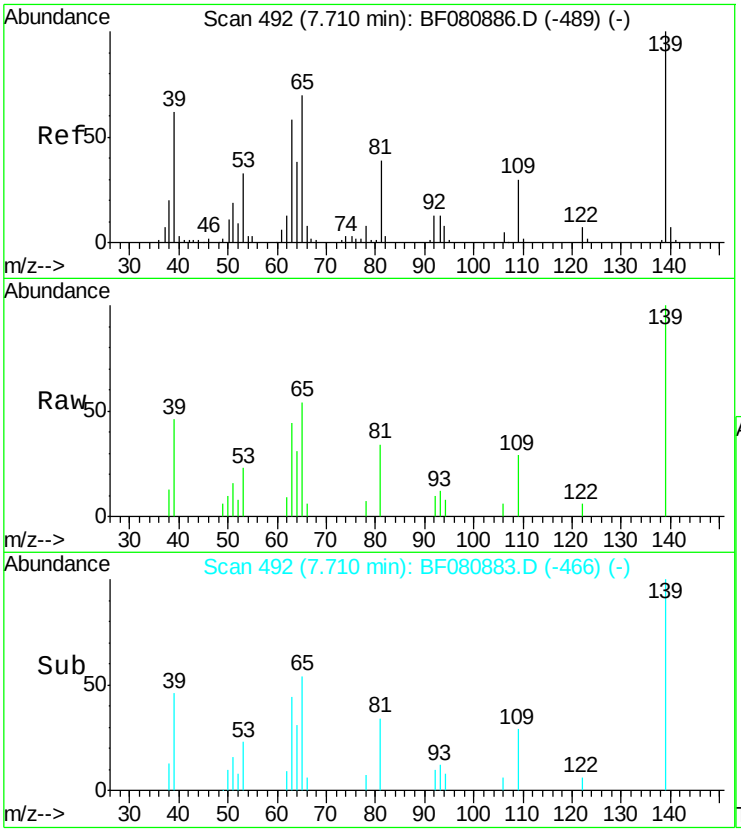


#25
Isophorone
Concen: 2.81 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 82 Resp: 24064

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	13.9	13.0	19.6

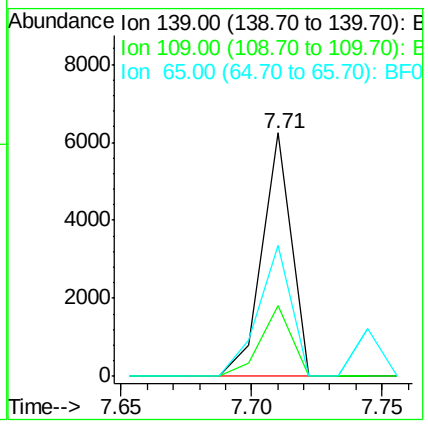




#26
2-Nitrophenol
Concen: 2.53 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:139 Resp: 4829

Ion	Ratio	Lower	Upper
139	100		
109	29.2	24.2	36.4
65	53.8	55.6	83.4#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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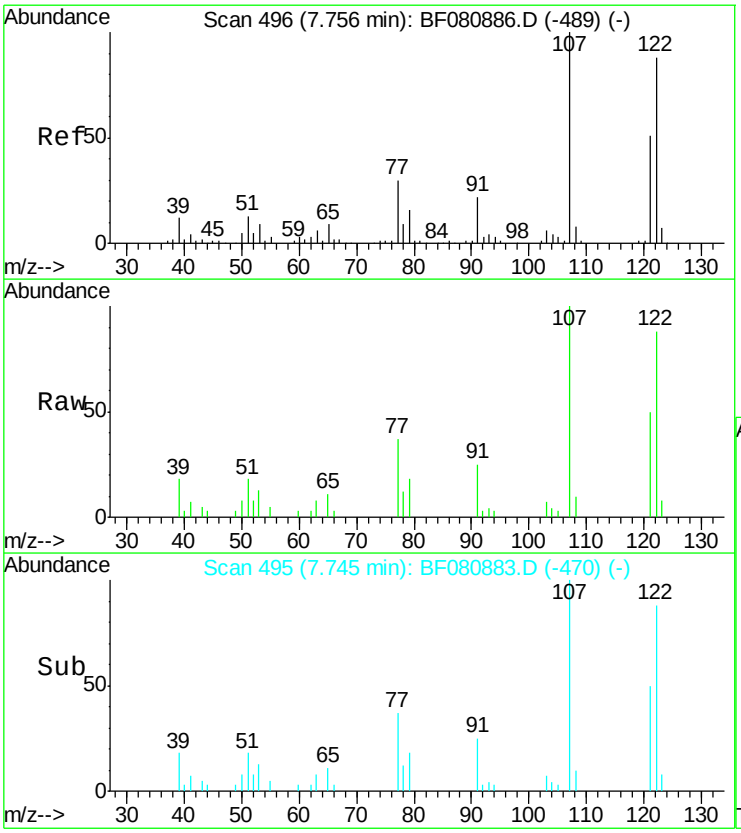
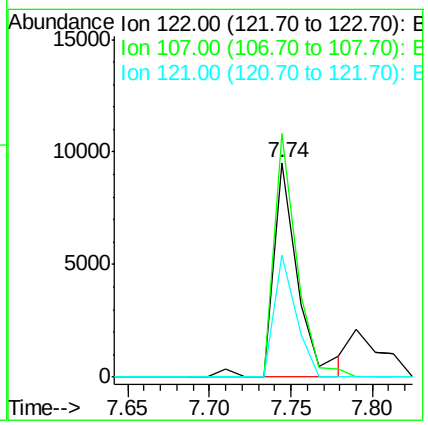
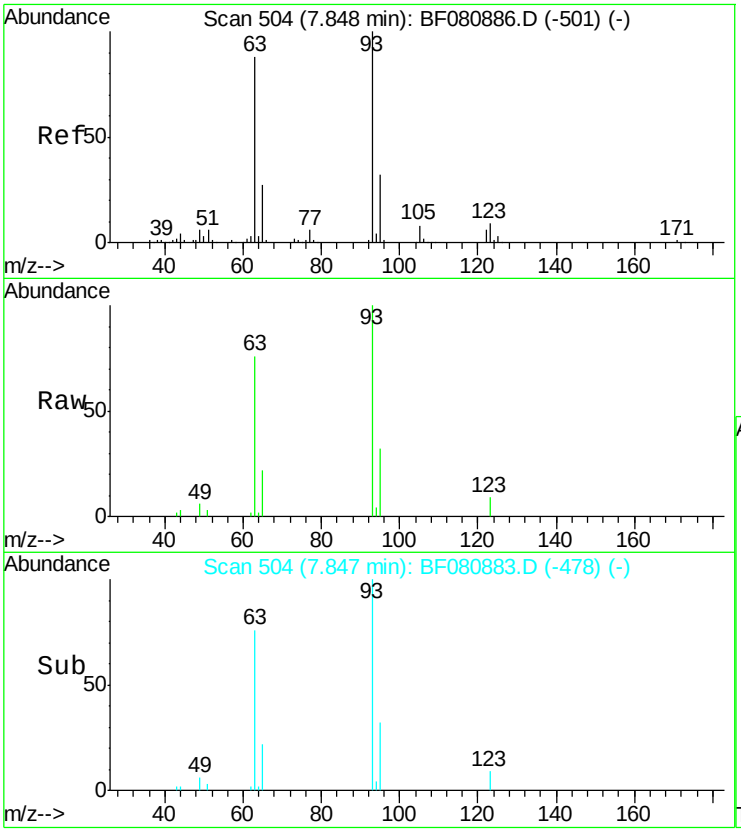


#27
2,4-Dimethylphenol
Concen: 2.72 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:122 Resp: 9971

Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.1	136.7
121	56.9	46.2	69.4

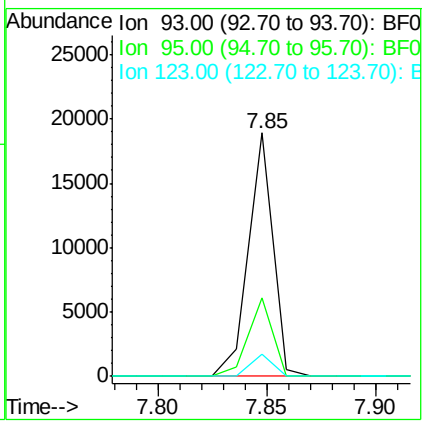




#28
bis(2-Chloroethoxy)methane
Concen: 2.91 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 93 Resp: 14774

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	9.3	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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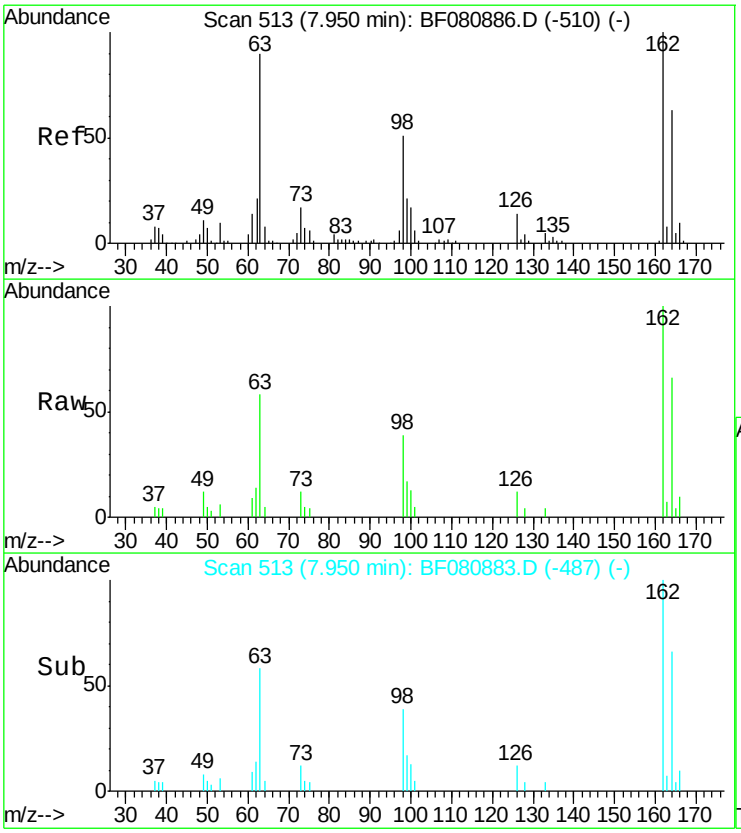
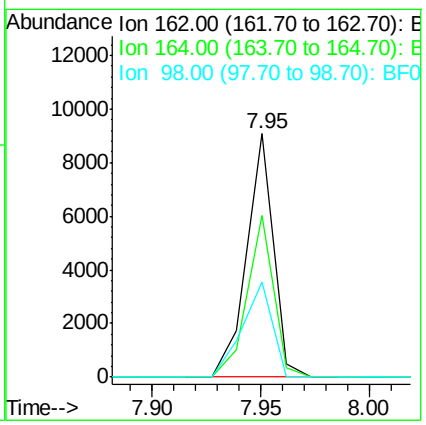
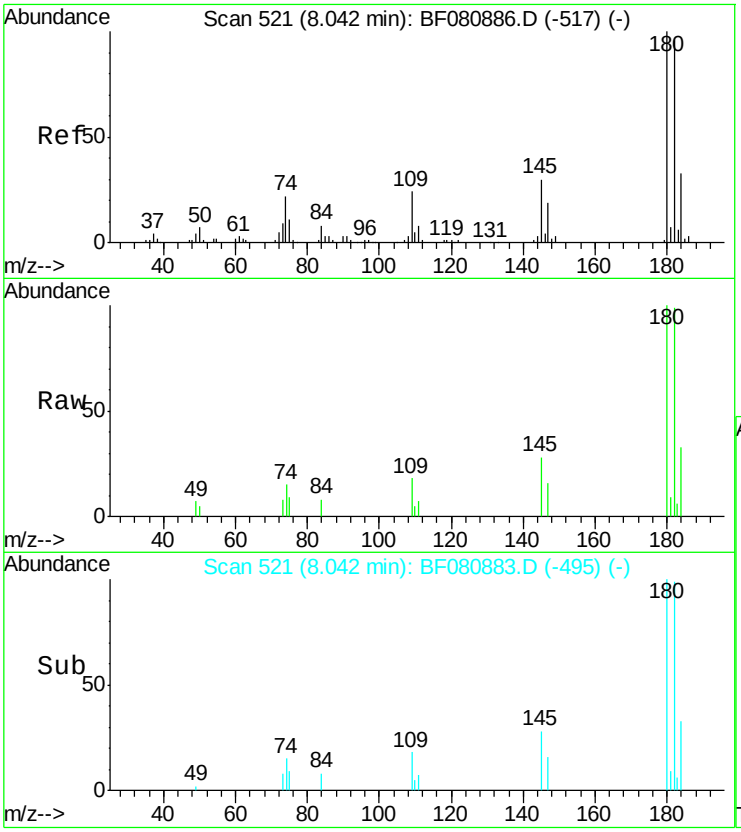


#29
2,4-Dichlorophenol
Concen: 2.66 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:162 Resp: 7776

Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.4	83.4
98	39.2	30.9	70.9

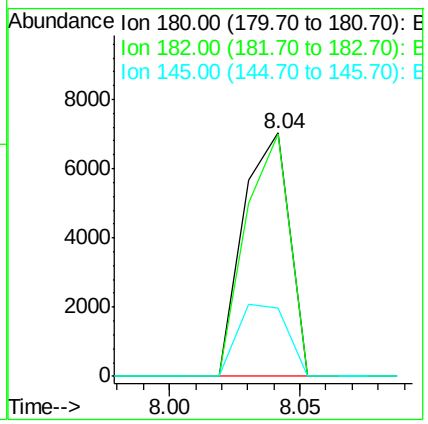




#30
1,2,4-Trichlorobenzene
Concen: 2.69 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:180 Resp: 8718

Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	28.1	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
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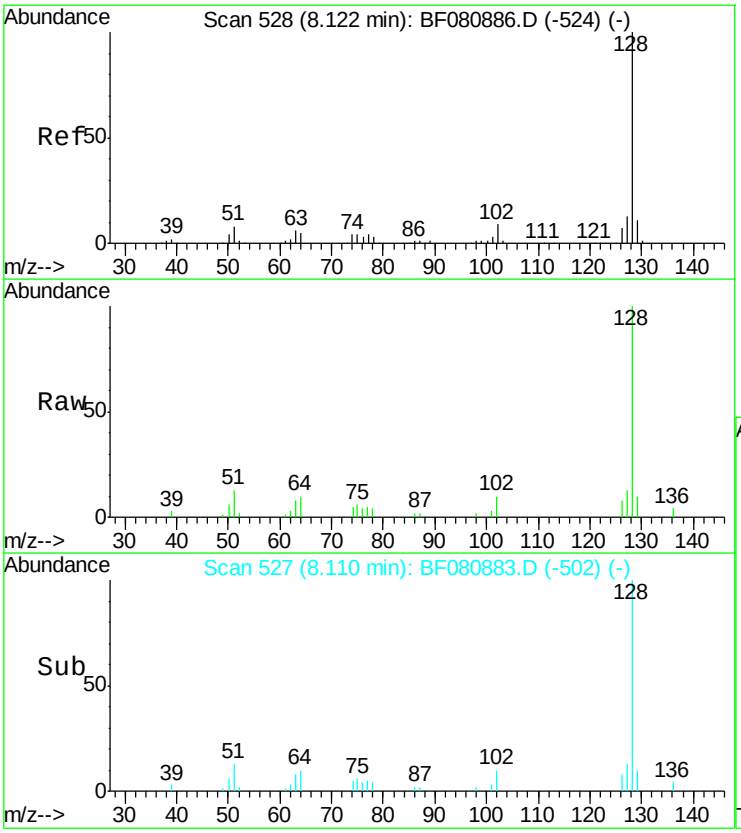
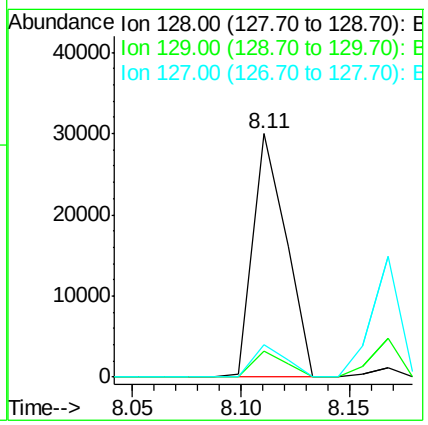
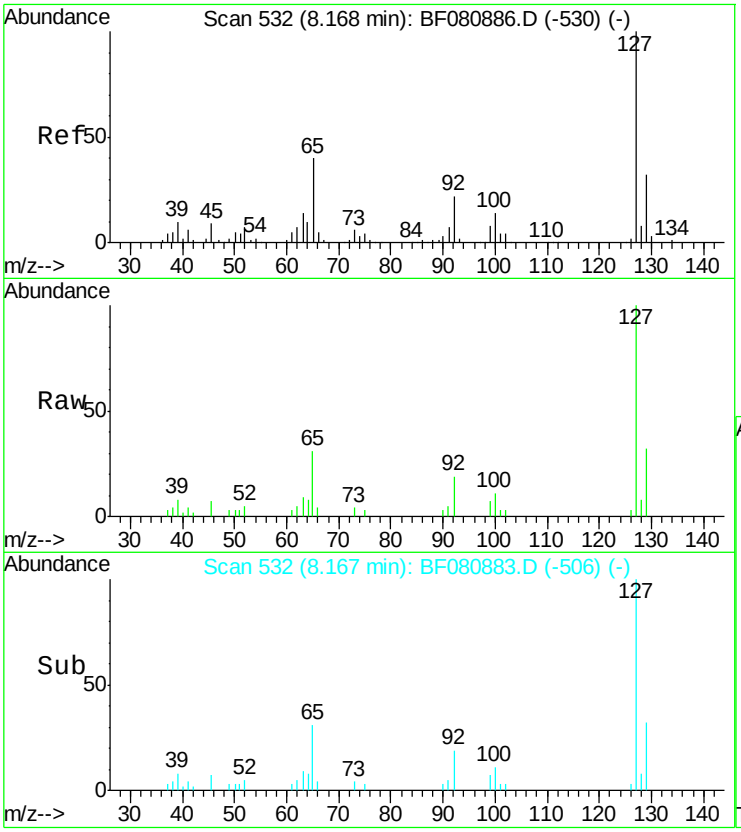


#31
Naphthalene
Concen: 2.79 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:128 Resp: 31882

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.2	10.6	15.8

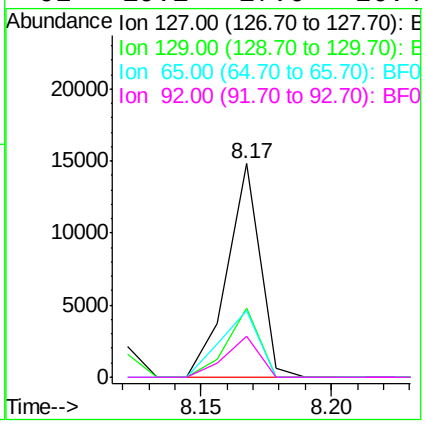




#33
4-Chloroaniline
Concen: 2.79 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:127 Resp: 13157

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	31.1	31.7	47.5#
92	19.1	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
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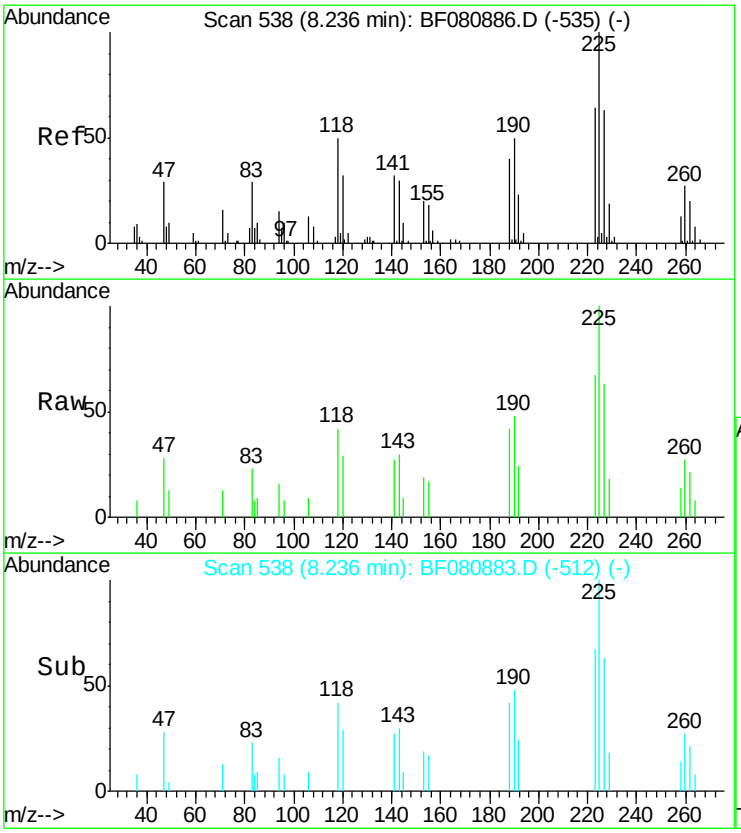
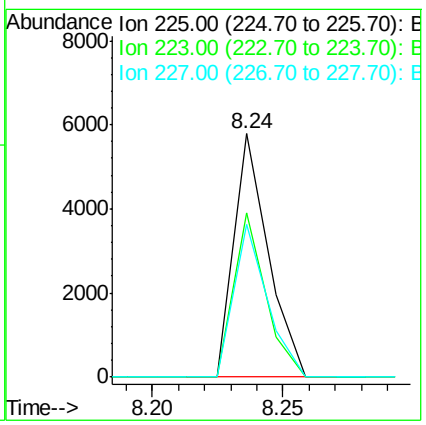
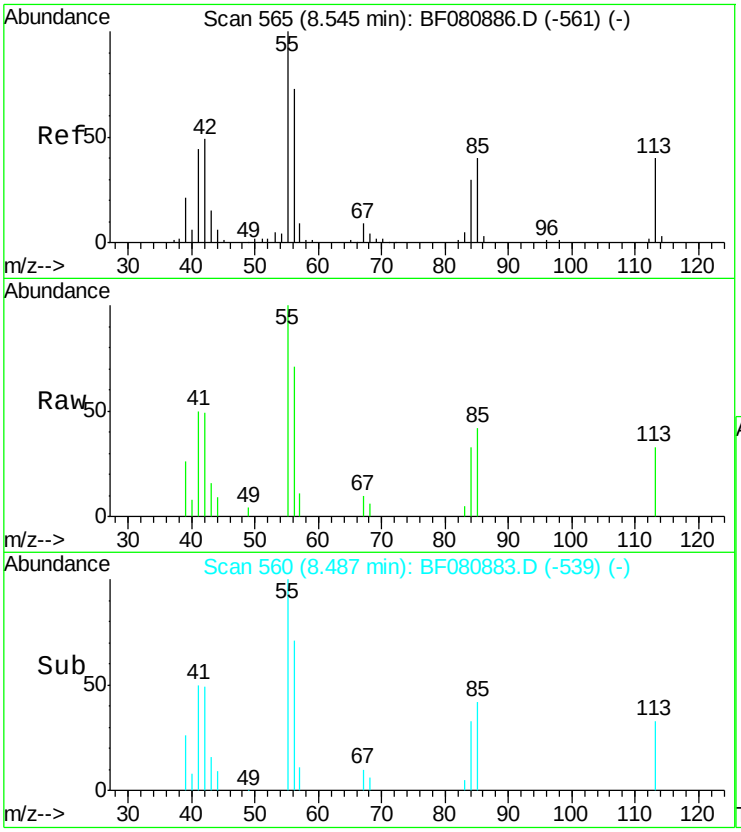


#34
Hexachlorobutadiene
Concen: 2.89 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:225 Resp: 5321

Ion	Ratio	Lower	Upper
225	100		
223	67.3	51.2	76.8
227	62.7	50.4	75.6

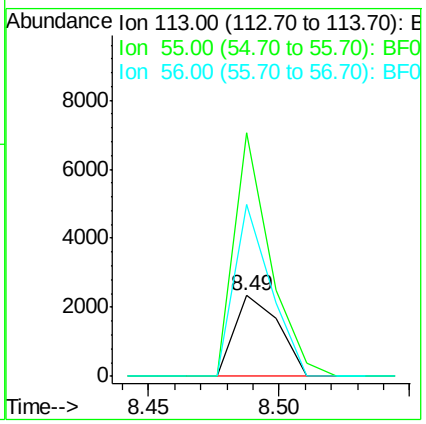




#35
Caprolactam
Concen: 2.52 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:113 Resp: 2745

Ion	Ratio	Lower	Upper
113	100		
55	301.8	228.4	268.4#
56	213.7	161.5	201.5#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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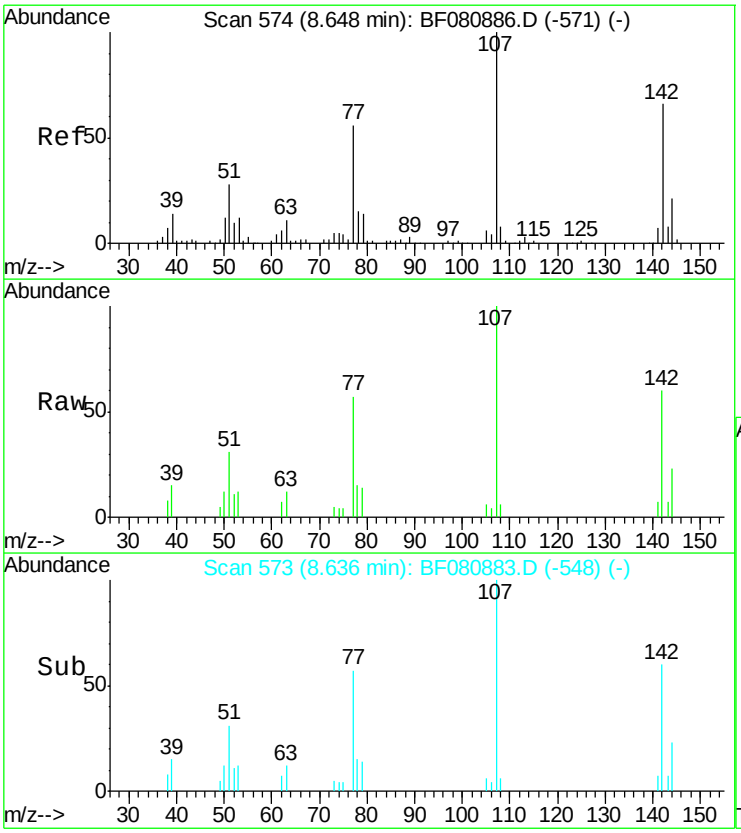
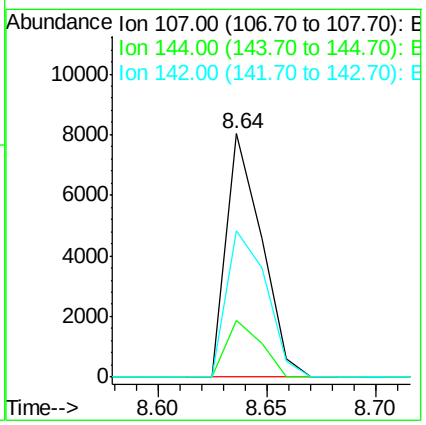
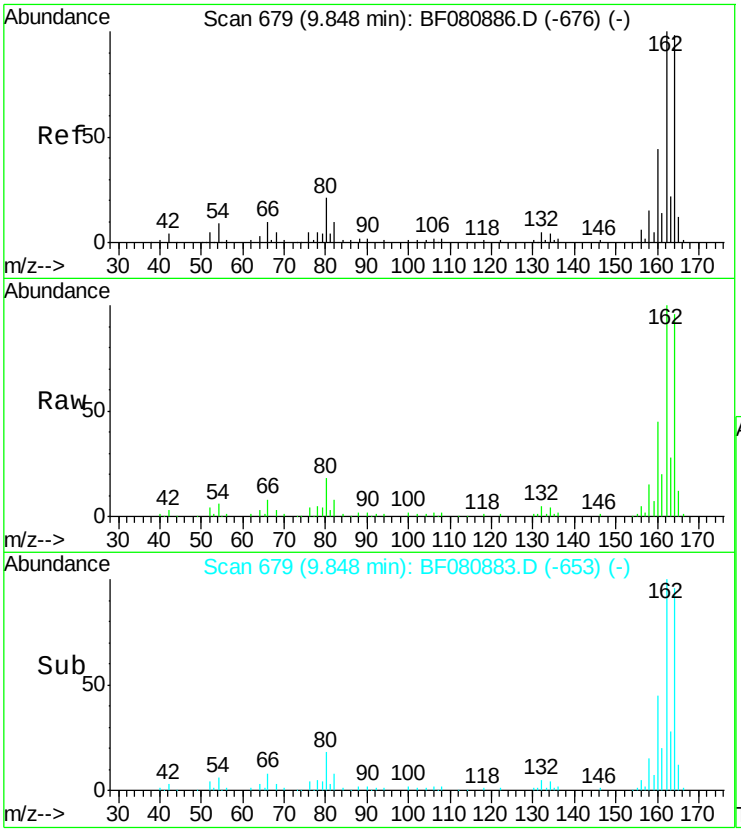


#36
4-Chloro-3-methylphenol
Concen: 2.58 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:107 Resp: 9057

Ion	Ratio	Lower	Upper
107	100		
144	23.1	17.0	25.6
142	60.0	52.6	78.8

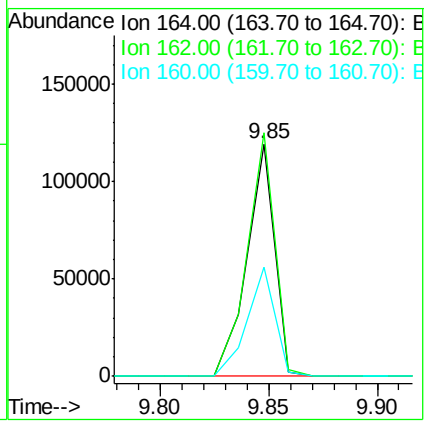




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:164 Resp: 105007

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.5	122.3
160	47.1	35.9	53.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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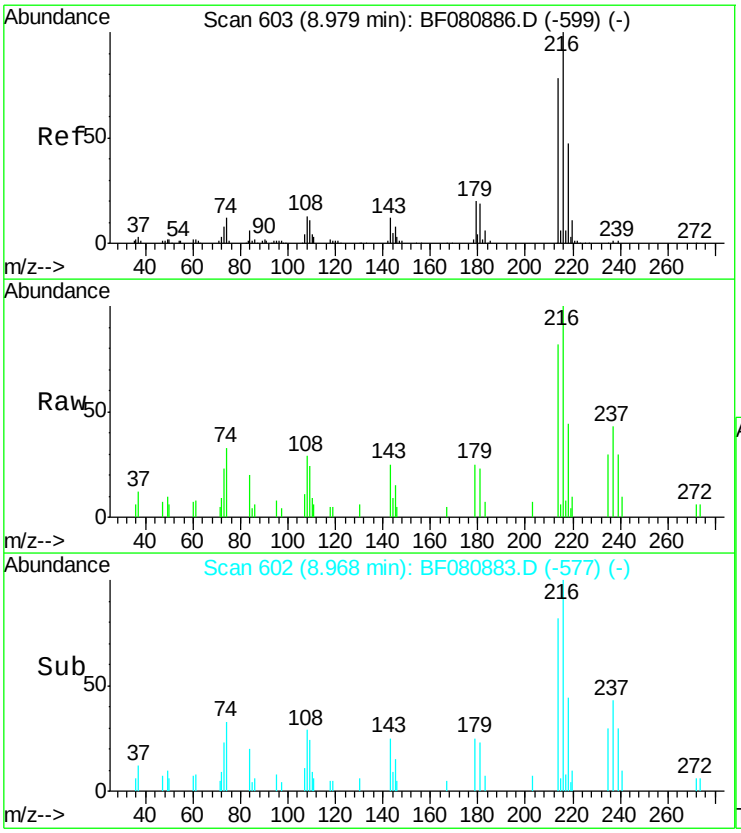
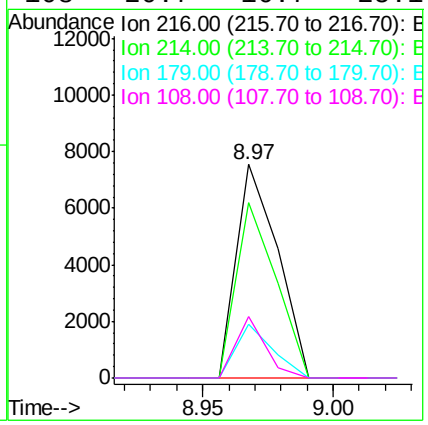
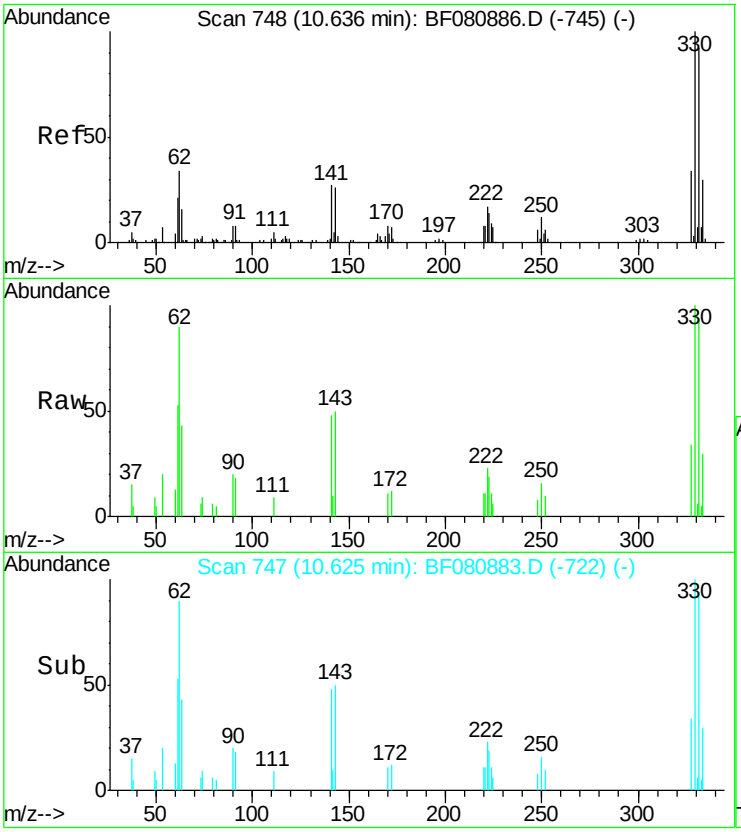


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.60 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:216 Resp: 8315

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	22.3	17.0	25.6
108	20.7	16.7	25.1

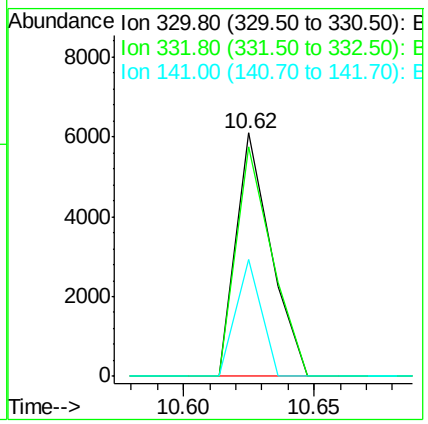




#41
2,4,6-Tribromophenol
Concen: 5.09 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:330 Resp: 5740

Ion	Ratio	Lower	Upper
330	100		
332	96.8	74.1	111.1
141	34.9	30.1	45.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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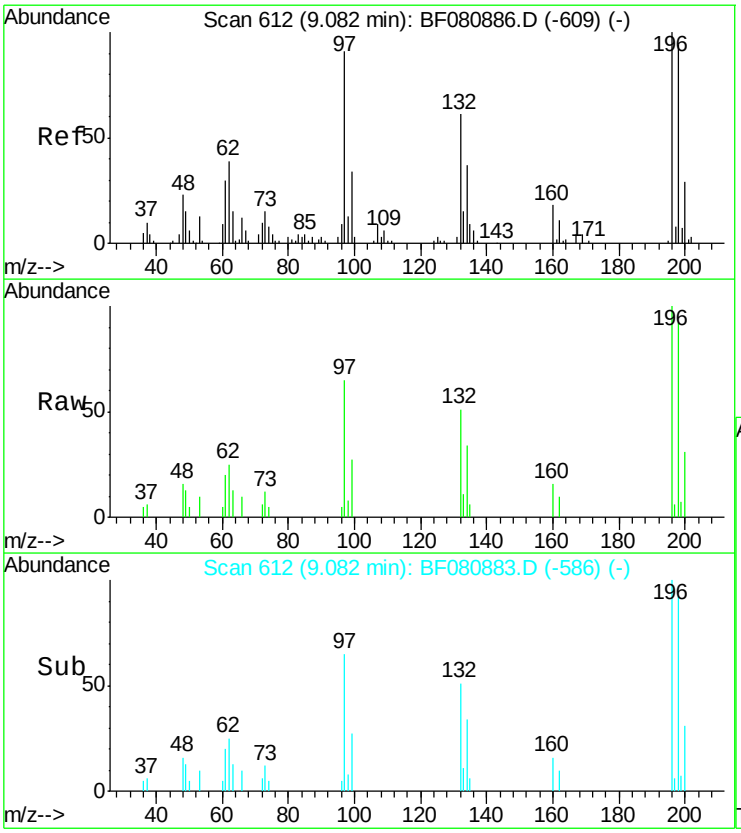
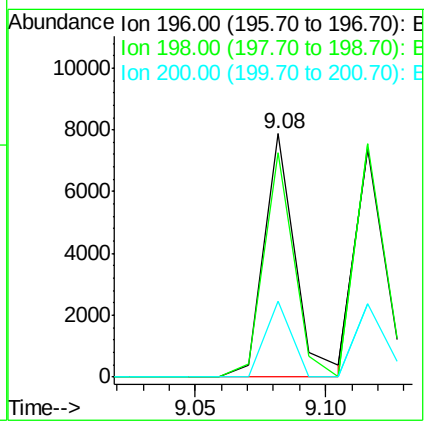
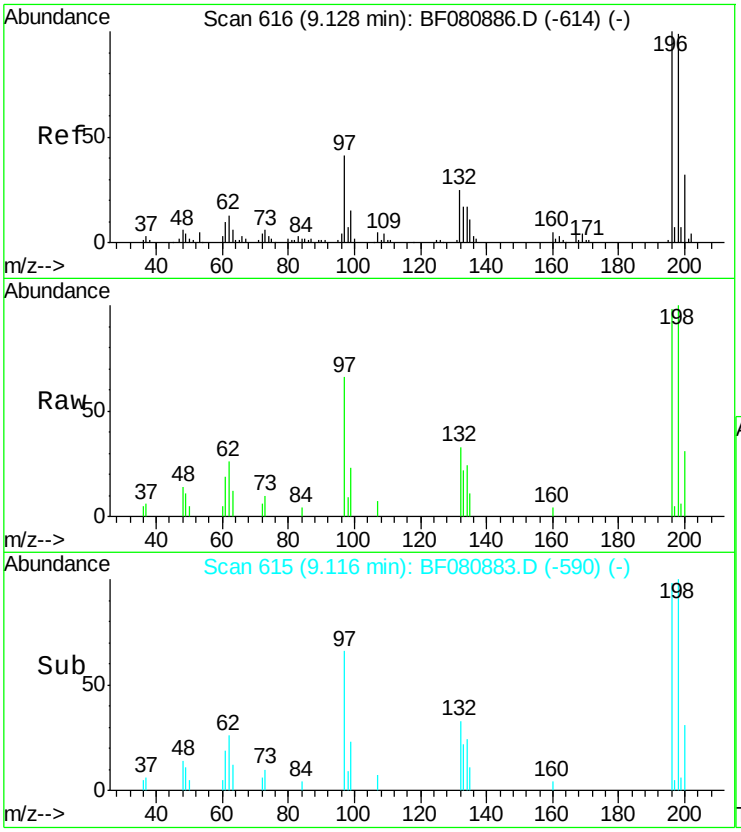


#42
2,4,6-Trichlorophenol
Concen: 2.74 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:196 Resp: 6457

Ion	Ratio	Lower	Upper
196	100		
198	92.1	74.9	112.3
200	31.0	23.2	34.8

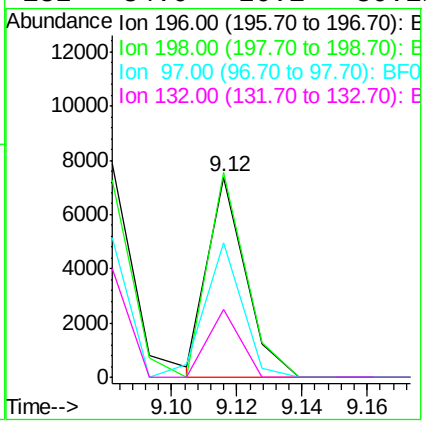




#43
2,4,5-Trichlorophenol
Concen: 2.49 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:196 Resp: 5882

Ion	Ratio	Lower	Upper
196	100		
198	102.3	78.7	118.1
97	67.3	33.9	50.9#
132	34.0	20.1	30.1#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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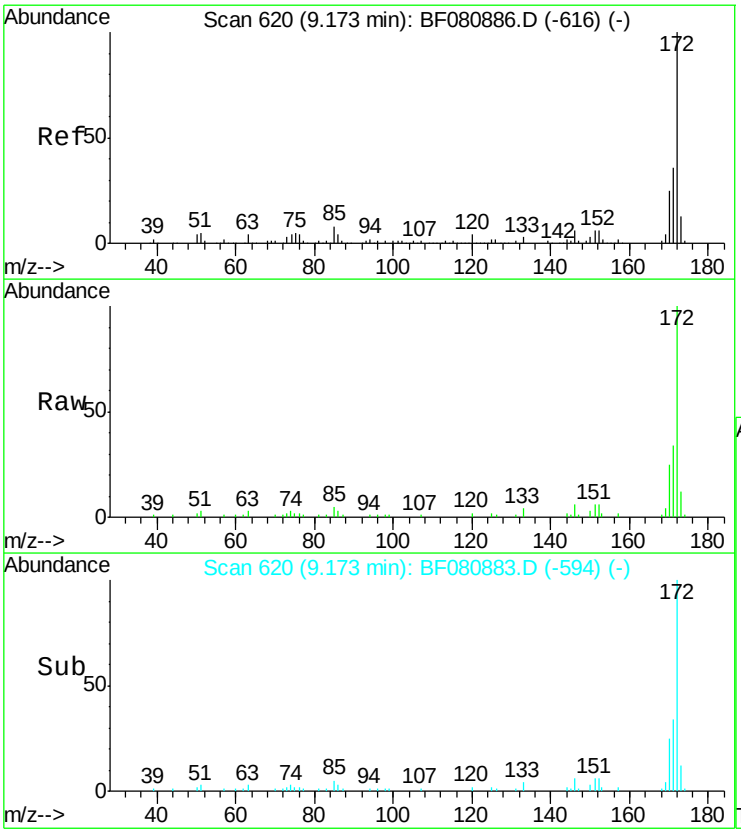
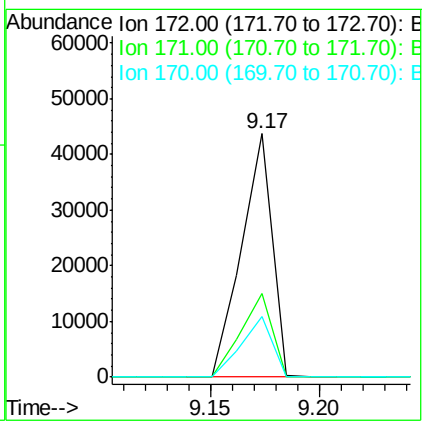
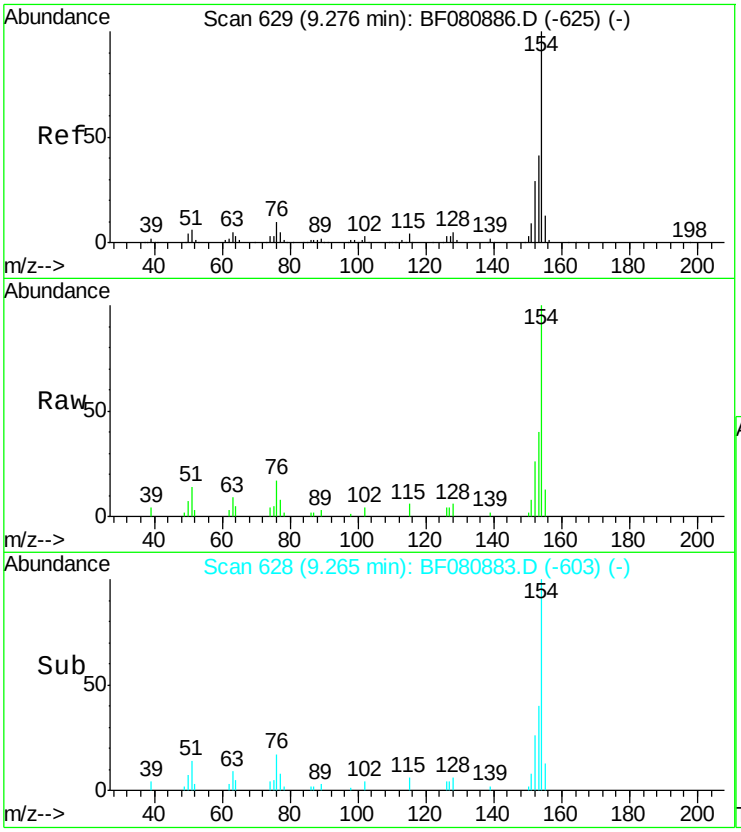


#44
2-Fluorobiphenyl
Concen: 5.81 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:172 Resp: 42808

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.4
170	25.1	19.9	29.9

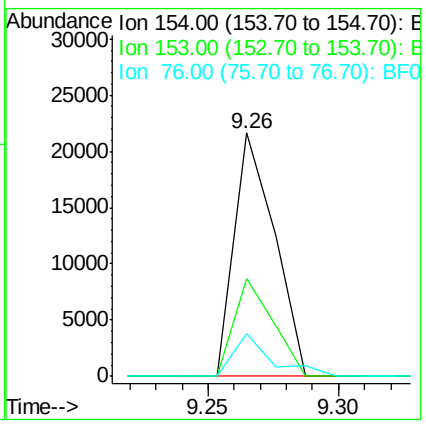




#45
1,1'-Biphenyl
Concen: 2.63 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:154 Resp: 23378

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.8	60.8
76	17.3	0.0	30.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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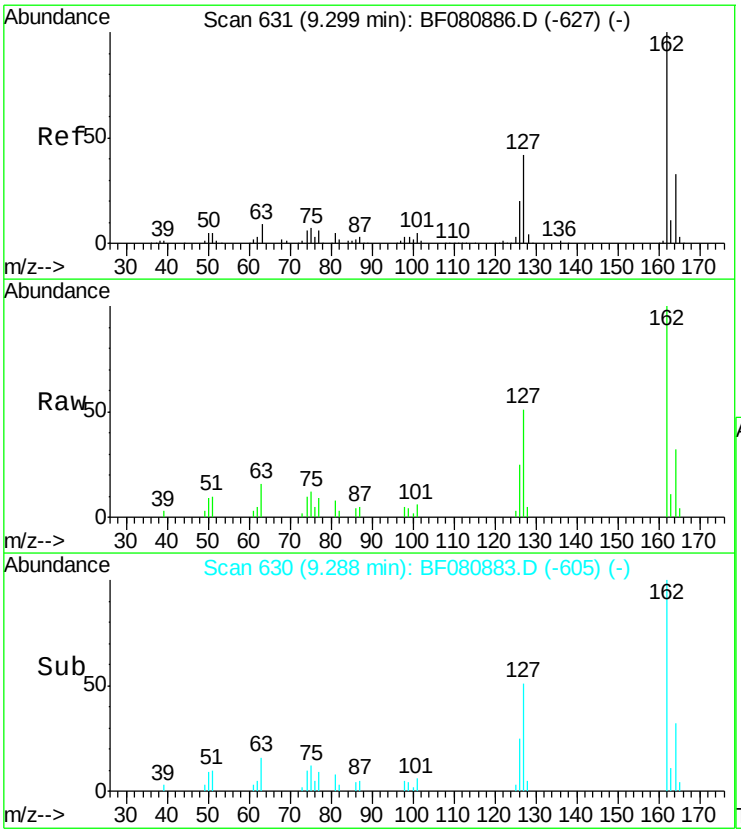
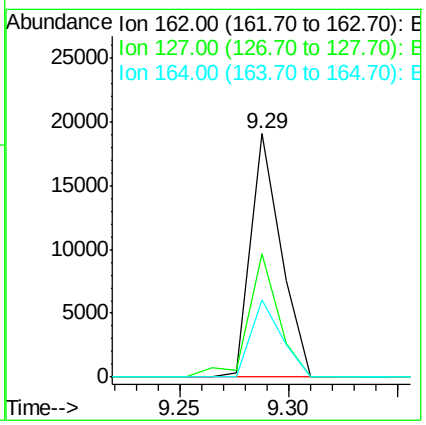
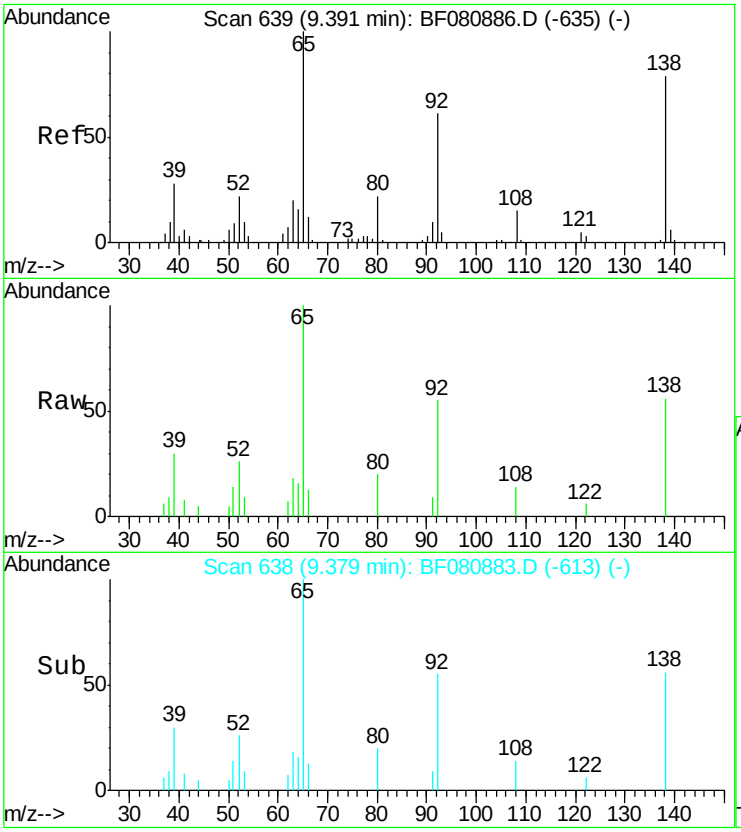


#46
2-Chloronaphthalene
Concen: 2.66 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:162 Resp: 18502

Ion	Ratio	Lower	Upper
162	100		
127	50.6	33.5	50.3#
164	31.9	26.5	39.7

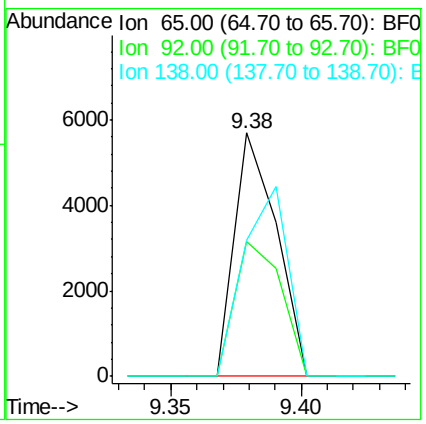




#47
2-Nitroaniline
Concen: 2.25 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 65 Resp: 6369

Ion	Ratio	Lower	Upper
65	100		
92	55.4	48.5	72.7
138	55.8	63.3	94.9#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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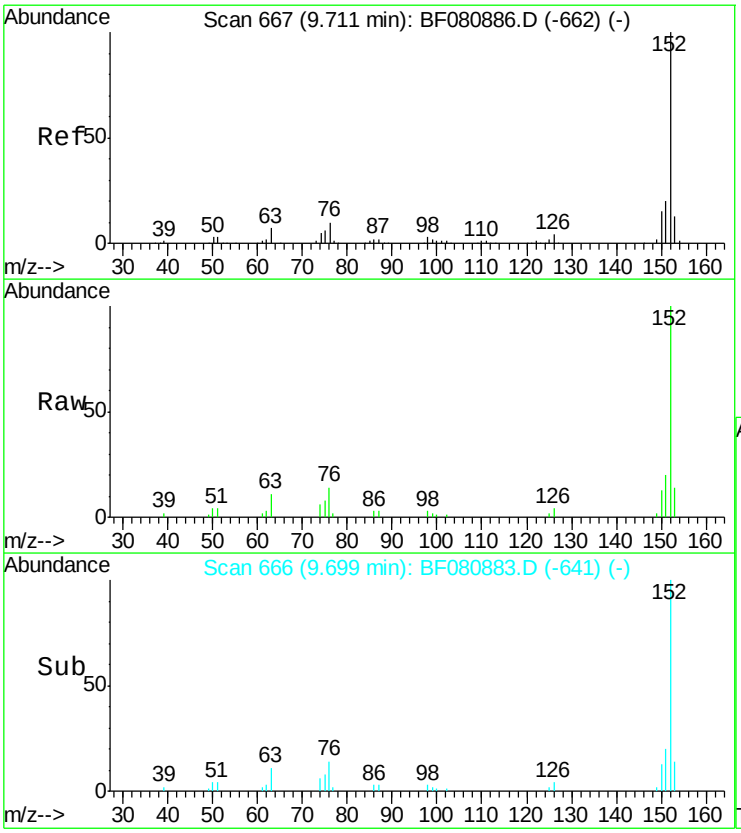
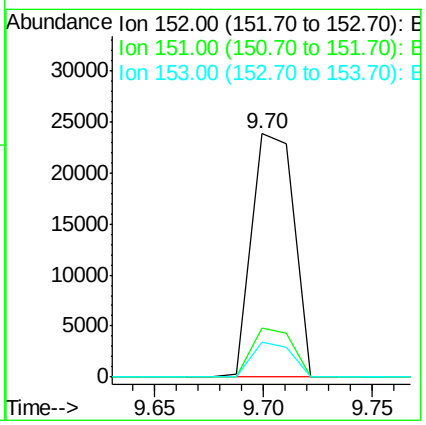
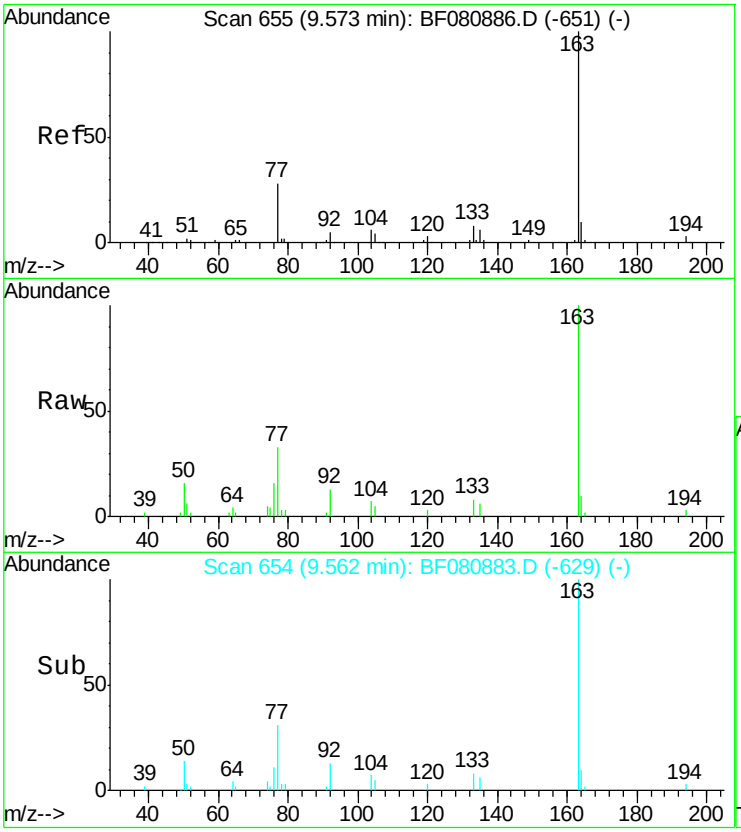


#48
Acenaphthylene
Concen: 2.64 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:152 Resp: 32217

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	14.3	10.6	16.0

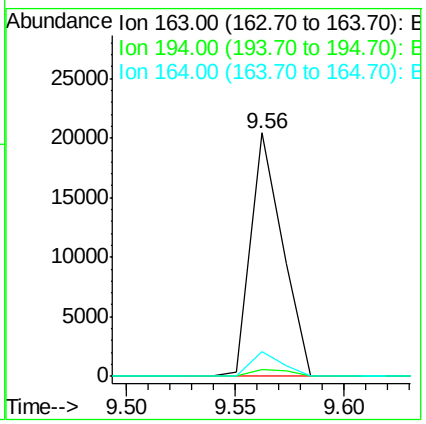




#49
Dimethylphthalate
Concen: 2.49 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:163 Resp: 20729

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.3	3.5
164	10.2	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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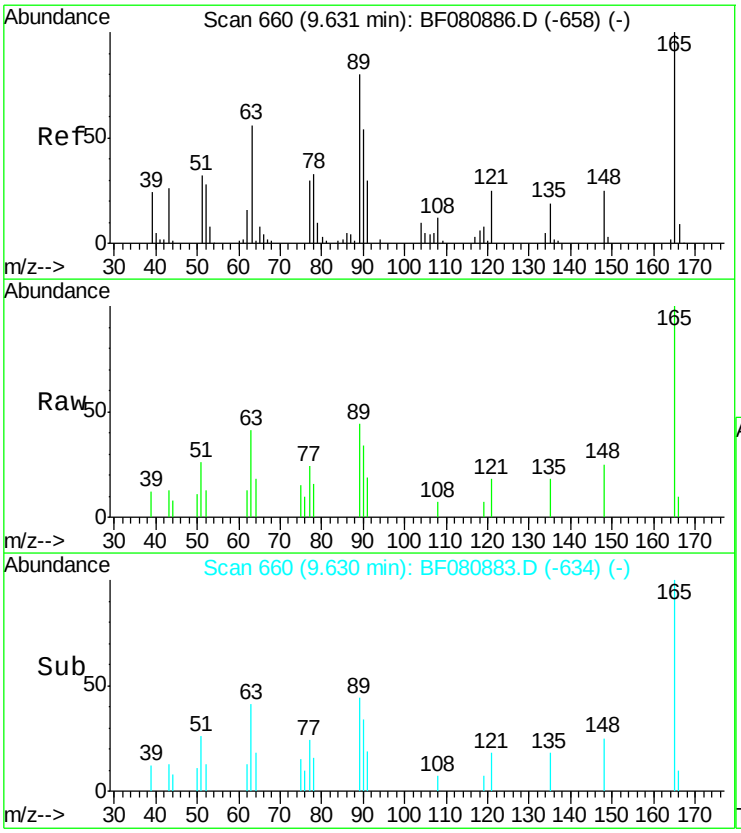
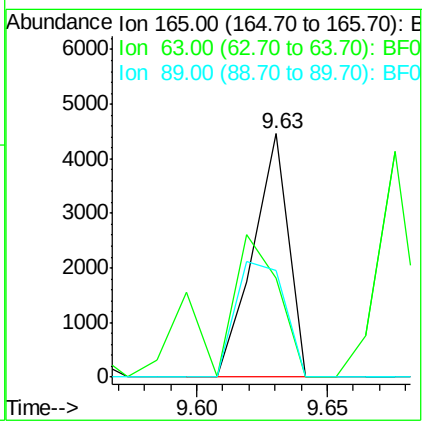
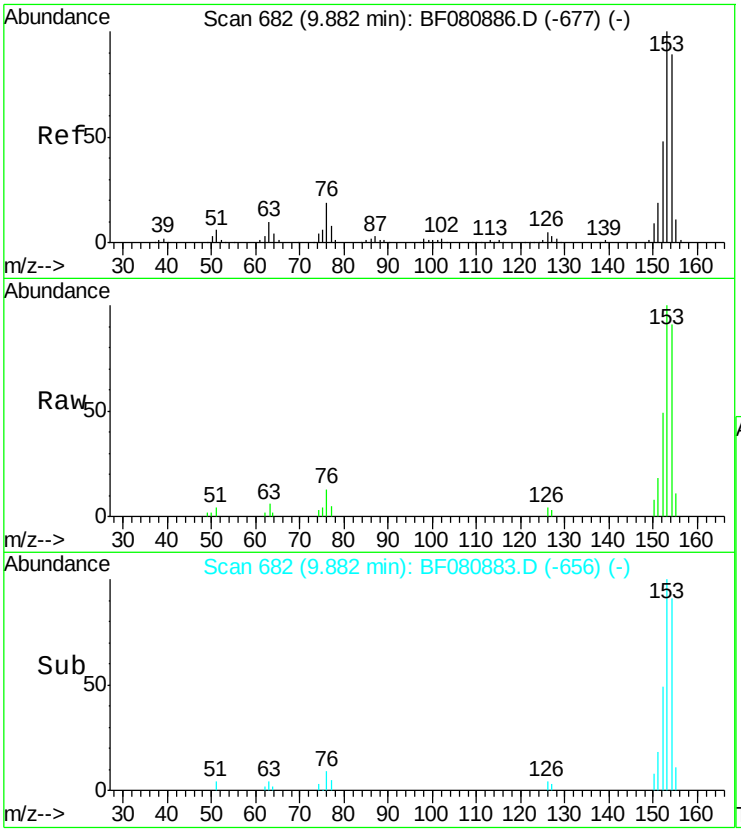


#50
2,6-Dinitrotoluene
Concen: 2.38 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:165 Resp: 4257

Ion	Ratio	Lower	Upper
165	100		
63	40.5	77.6	116.4#
89	43.6	63.7	95.5#

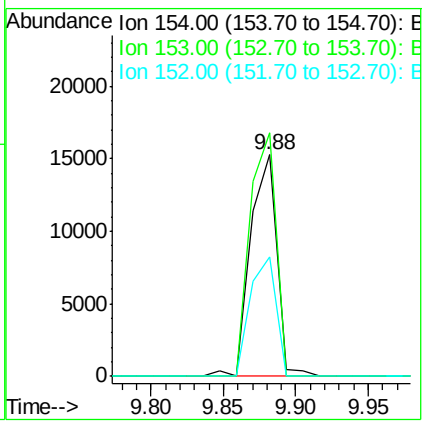




#51
Acenaphthene
Concen: 2.58 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:154 Resp: 19076

Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.4	135.6
152	53.7	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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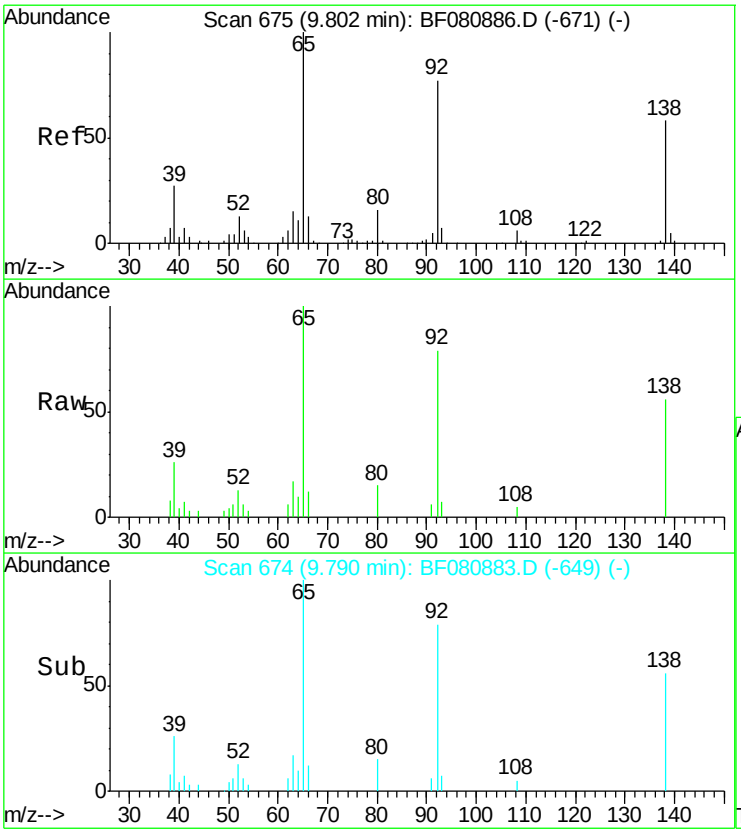
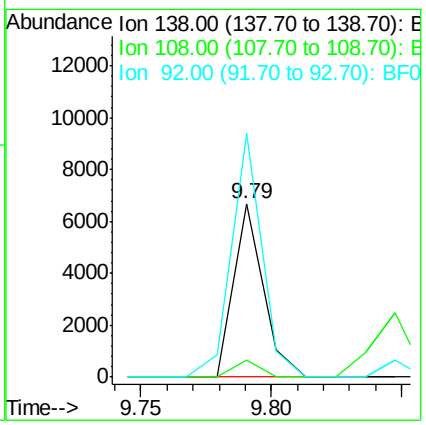
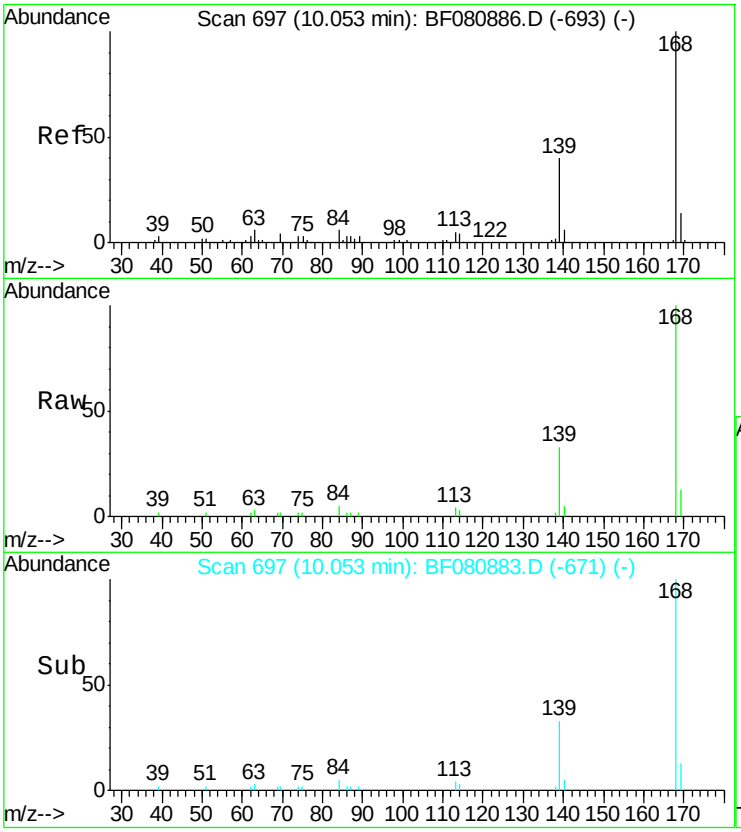


#52
3-Nitroaniline
Concen: 2.41 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:138 Resp: 5323

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.9	13.3
92	140.3	106.2	159.2

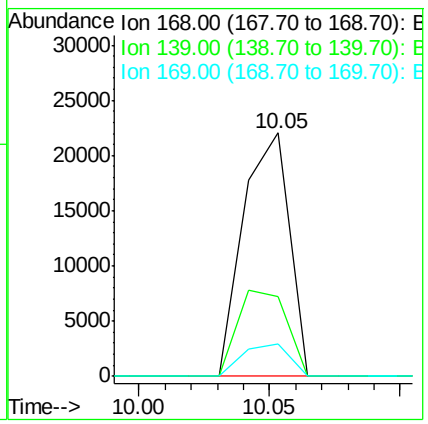




#54
Dibenzofuran
Concen: 2.72 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:168 Resp: 27295

Ion	Ratio	Lower	Upper
168	100		
139	32.8	31.8	47.8
169	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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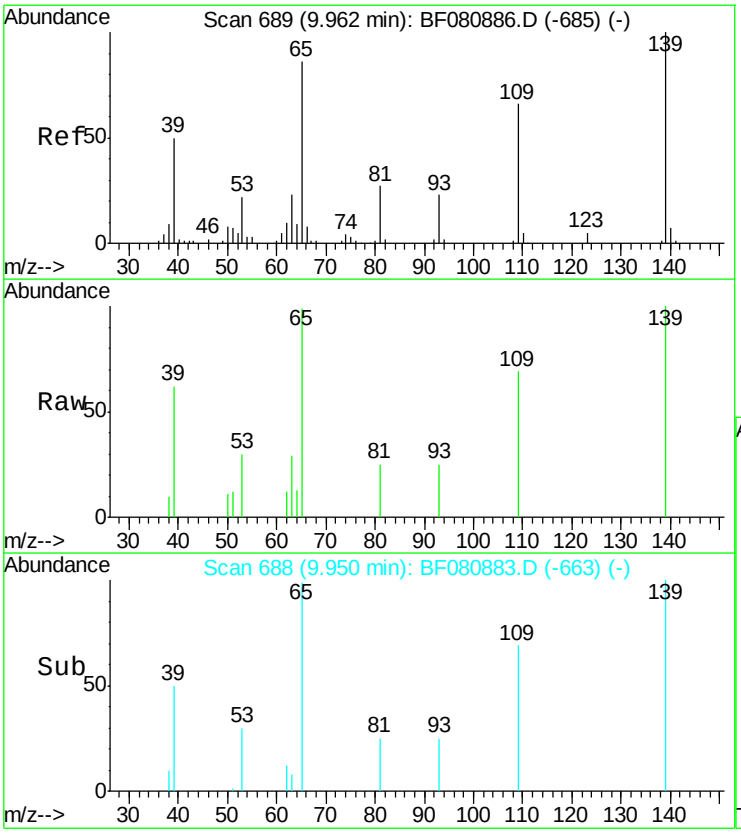
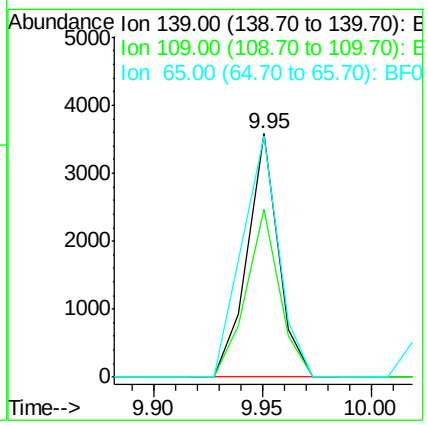
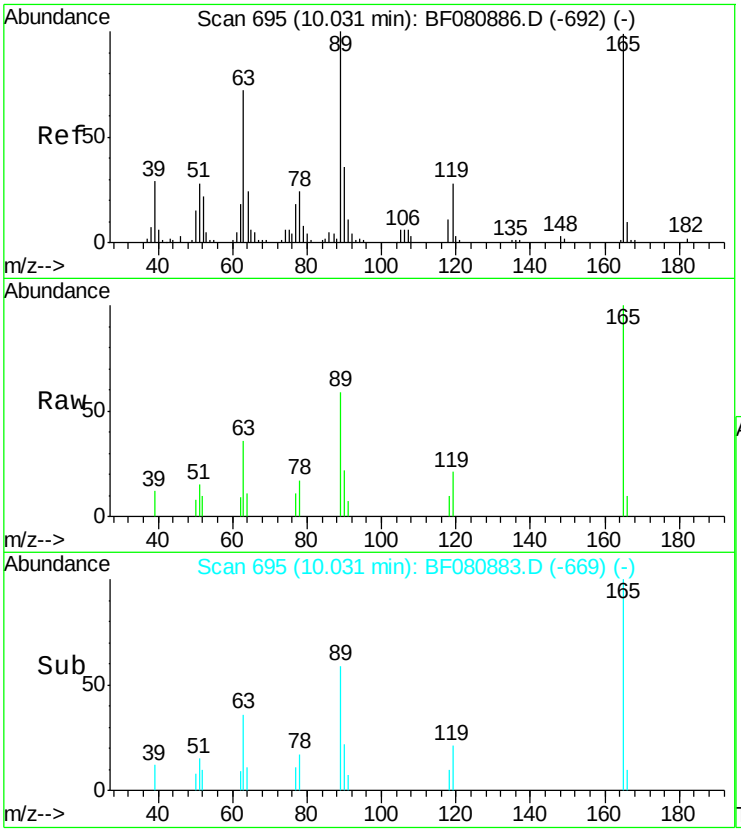


#55
4-Nitrophenol
Concen: 2.15 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:139 Resp: 3581

Ion	Ratio	Lower	Upper
139	100		
109	69.1	46.4	86.4
65	98.9	65.6	105.6

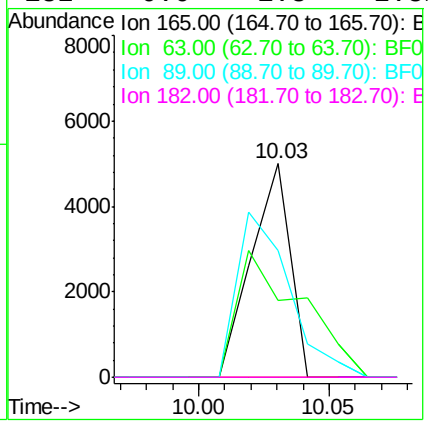




#56
2,4-Dinitrotoluene
Concen: 2.17 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:165 Resp: 5224

Ion	Ratio	Lower	Upper
165	100		
63	35.7	58.6	87.8#
89	59.2	80.7	121.1#
182	0.0	1.8	2.8#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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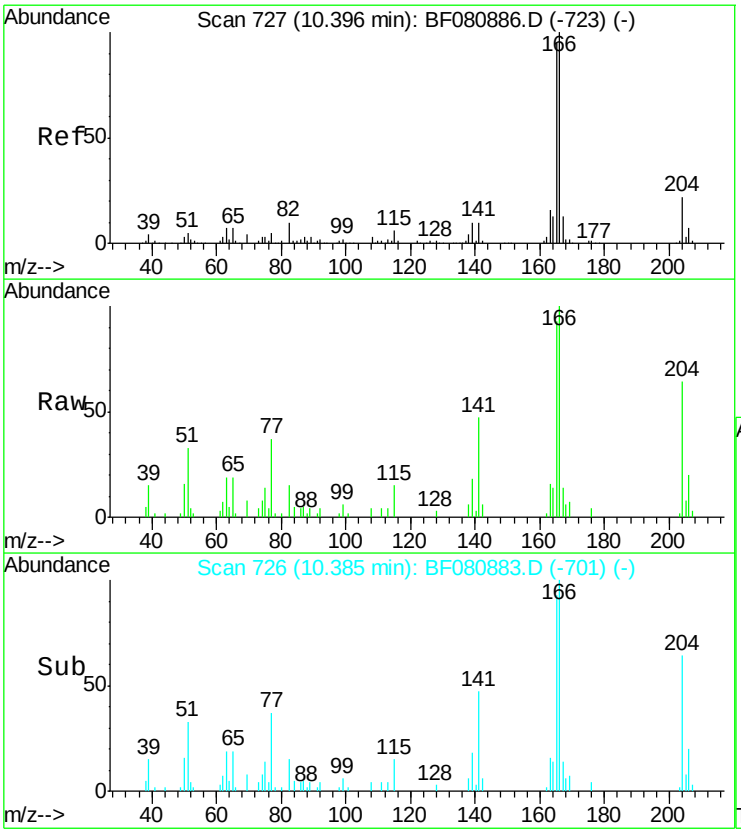
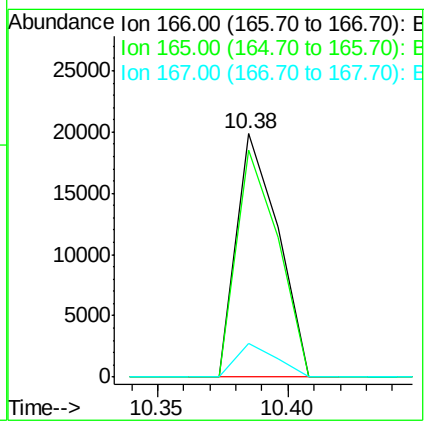
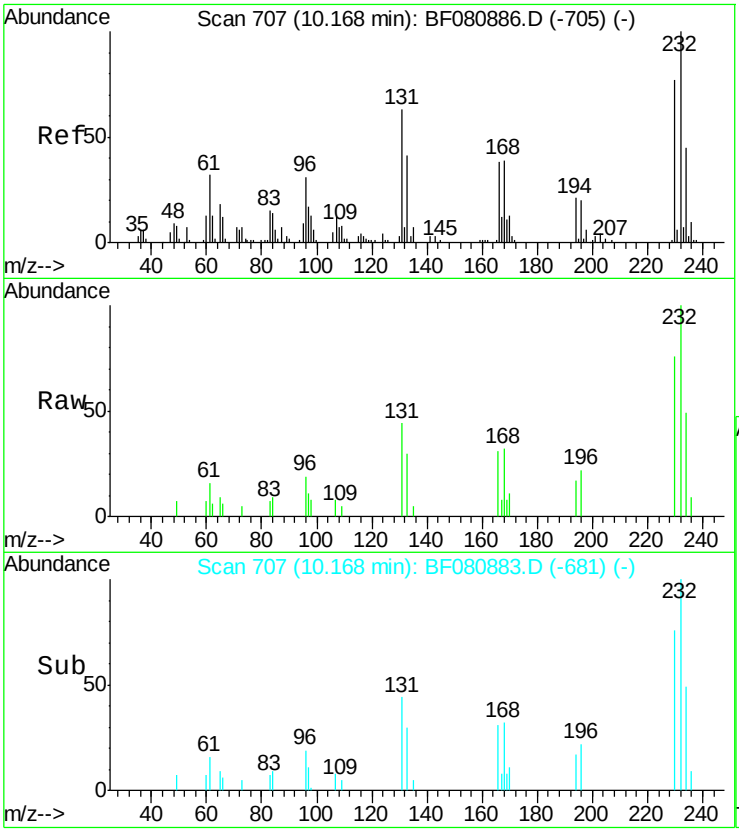


#57
Fluorene
Concen: 2.81 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:166 Resp: 22048

Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.9	113.9
167	13.8	10.8	16.2

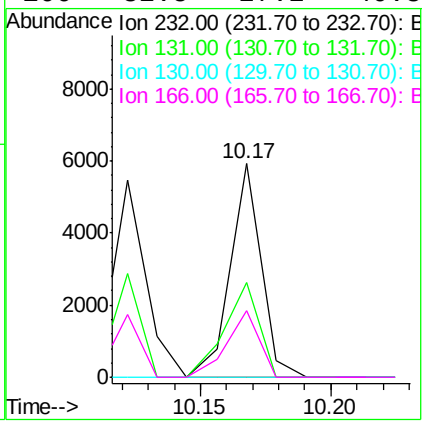




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.60 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:232 Resp: 4926

Ion	Ratio	Lower	Upper
232	100		
131	49.3	44.9	67.3
130	0.0	1.9	2.9#
166	32.5	27.2	40.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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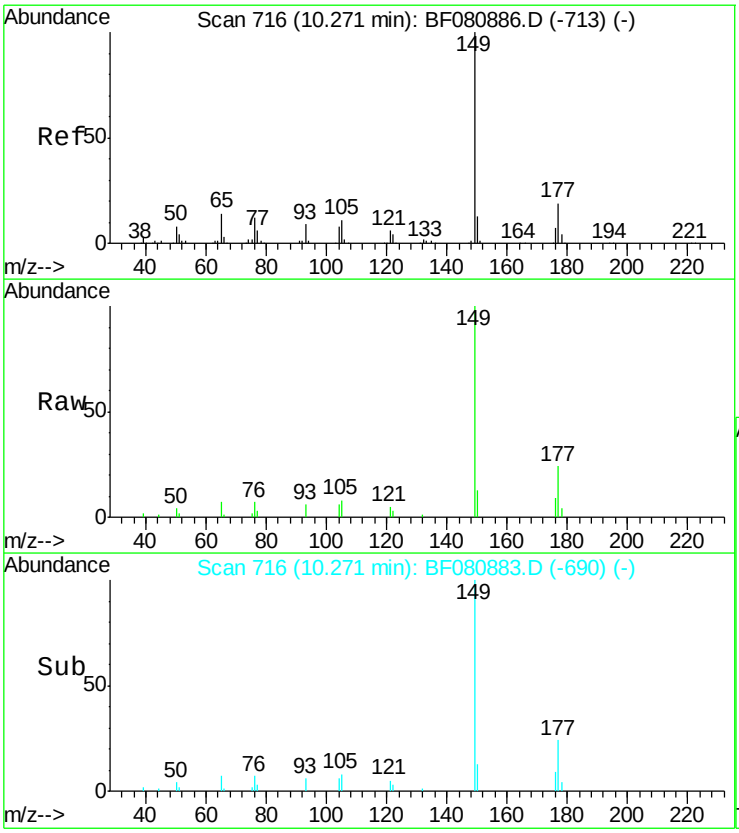
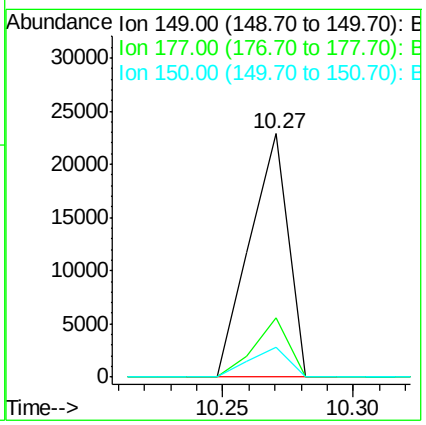
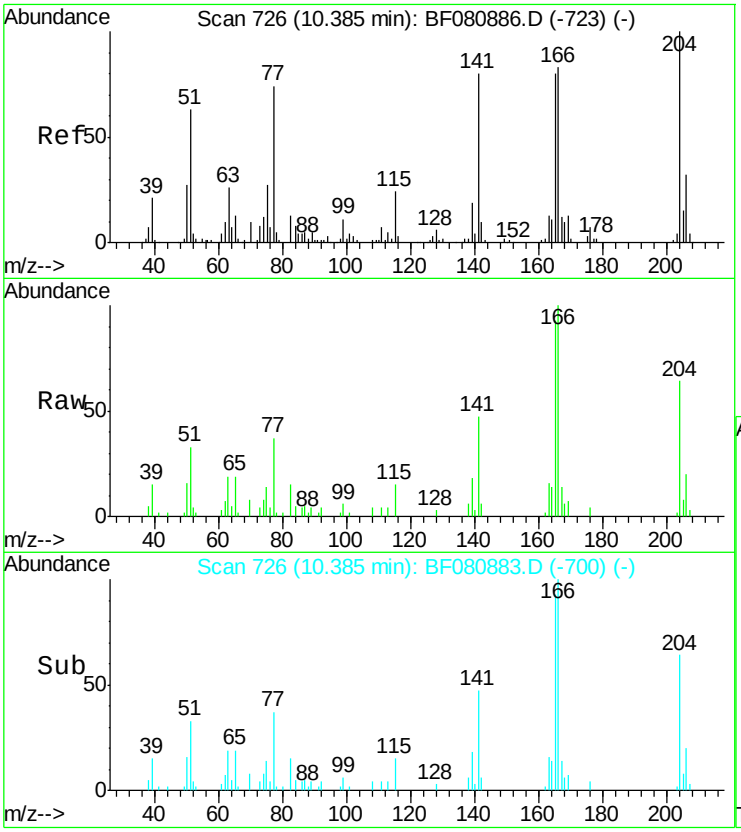


#59
Diethylphthalate
Concen: 2.61 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:149 Resp: 23741

Ion	Ratio	Lower	Upper
149	100		
177	24.2	14.9	22.3#
150	12.5	10.1	15.1

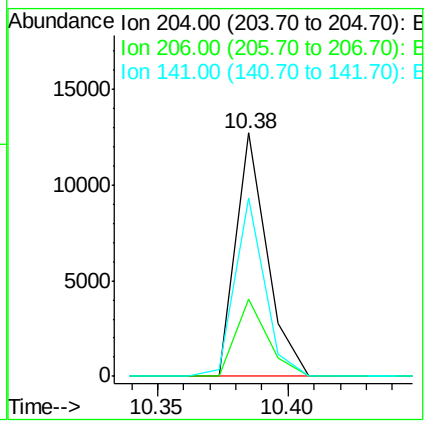




#60
4-Chlorophenyl-phenylether
Concen: 2.89 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:204 Resp: 10629

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.6
141	73.3	63.8	95.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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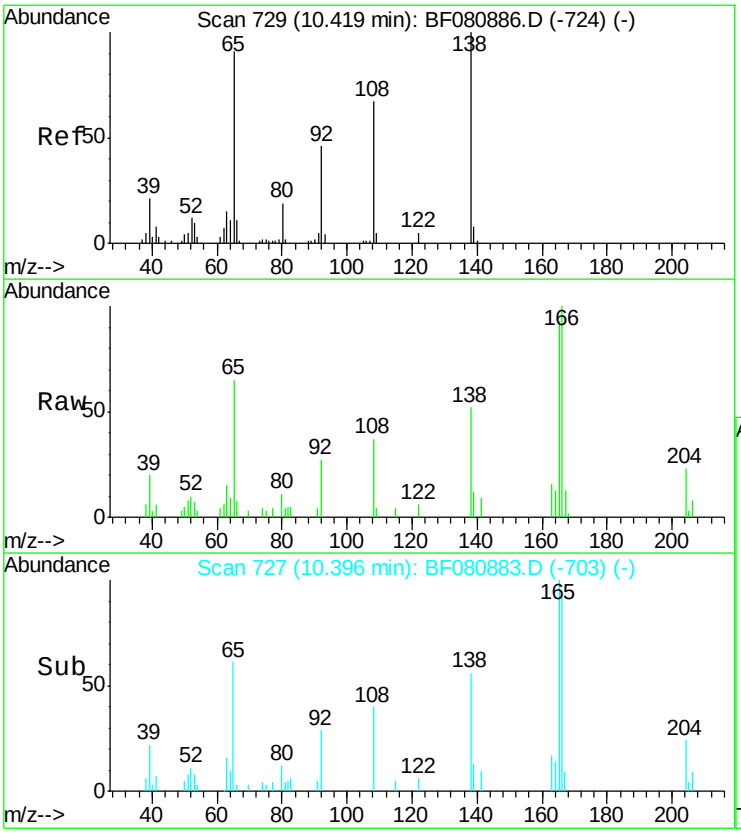
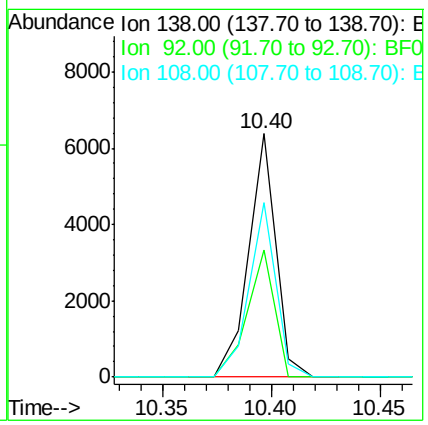
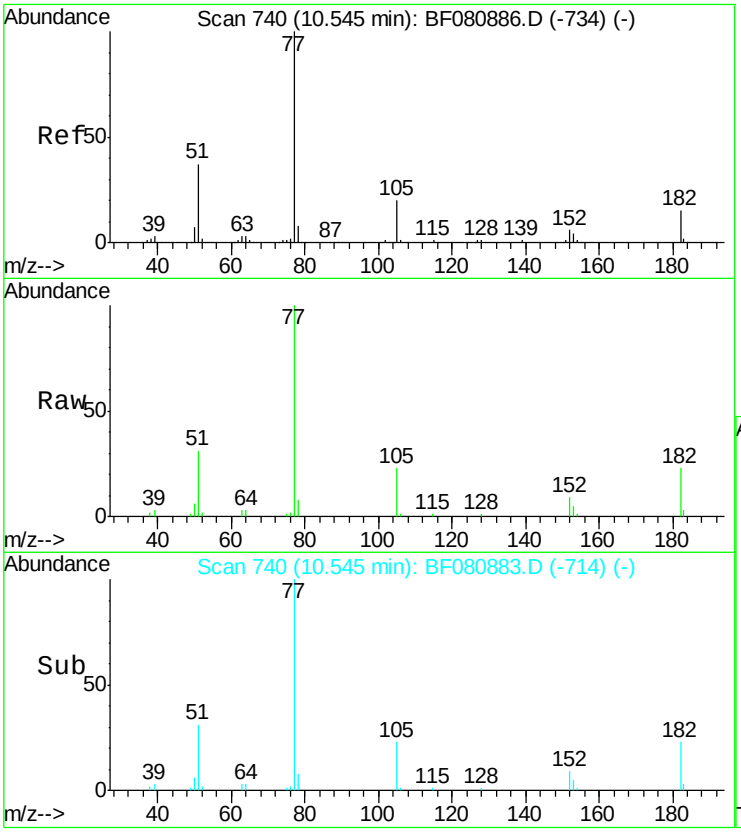


#61
4-Nitroaniline
Concen: 2.44 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:138 Resp: 5541

Ion	Ratio	Lower	Upper
138	100		
92	52.4	25.6	65.6
108	71.9	46.9	86.9

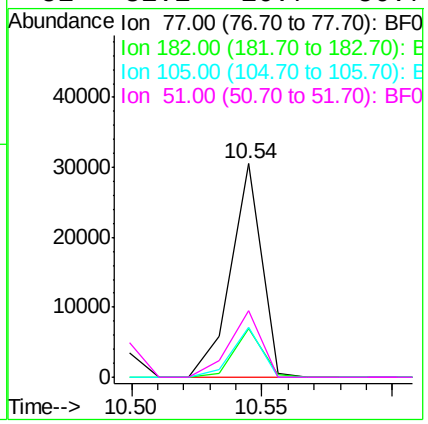




#62
Azobenzene
Concen: 2.55 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion: 77 Resp: 25429

Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	34.5
105	23.2	0.2	40.2
51	31.1	16.7	56.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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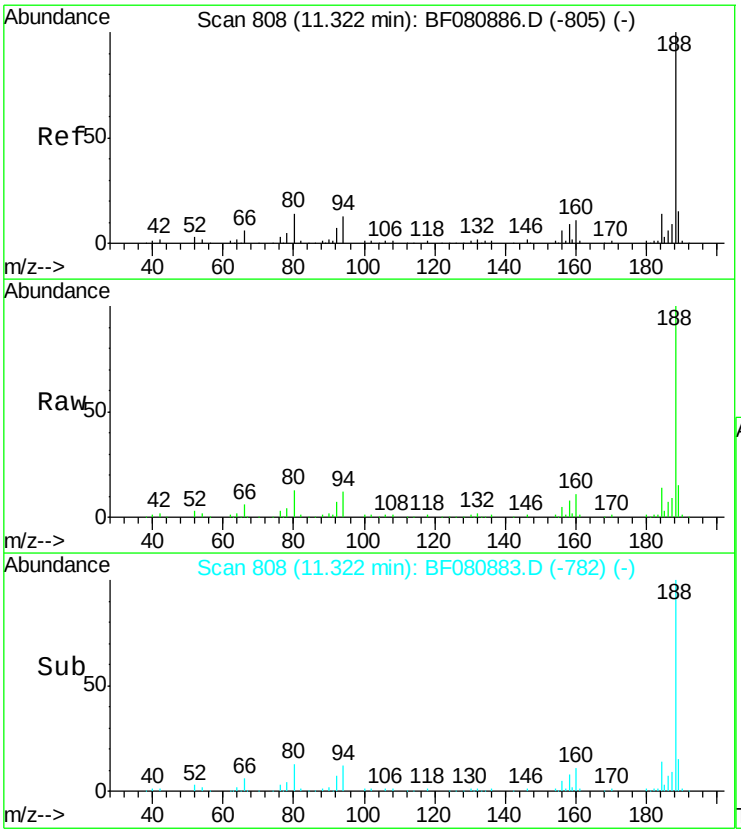
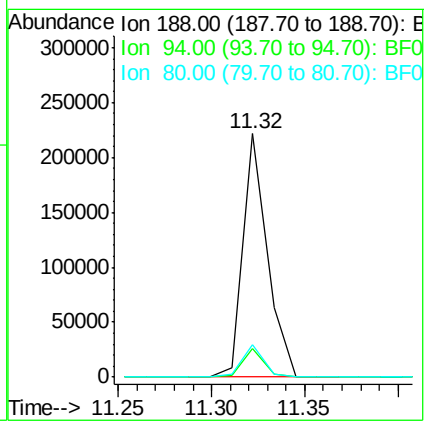
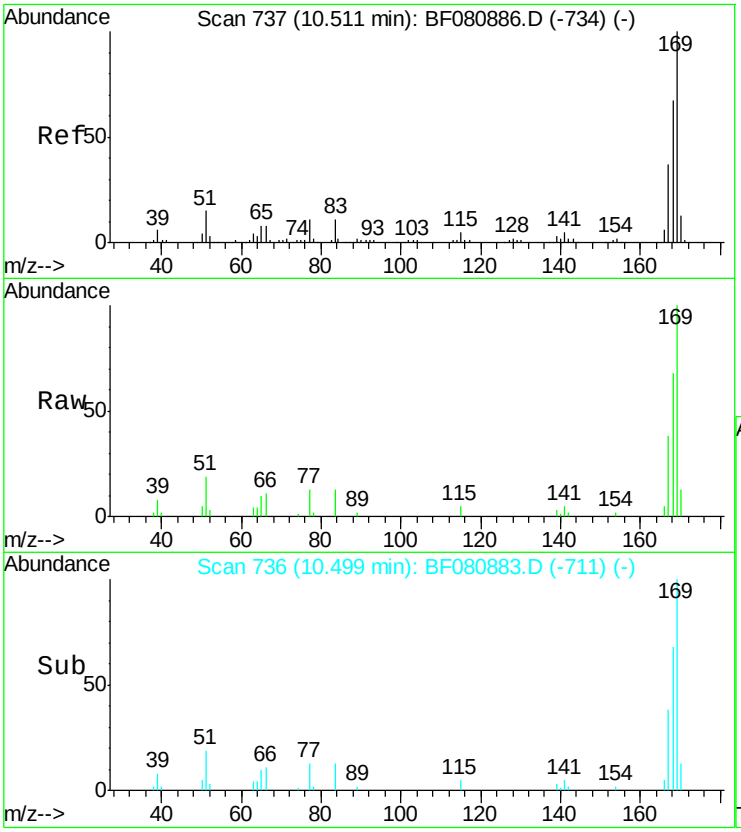


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:188 Resp: 202103

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.2	15.2
80	13.2	11.4	17.2

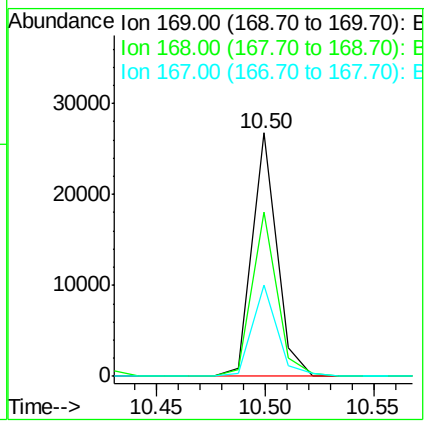




#65
n-Nitrosodiphenylamine
Concen: 2.93 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:169 Resp: 21107

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.0	81.0
167	37.7	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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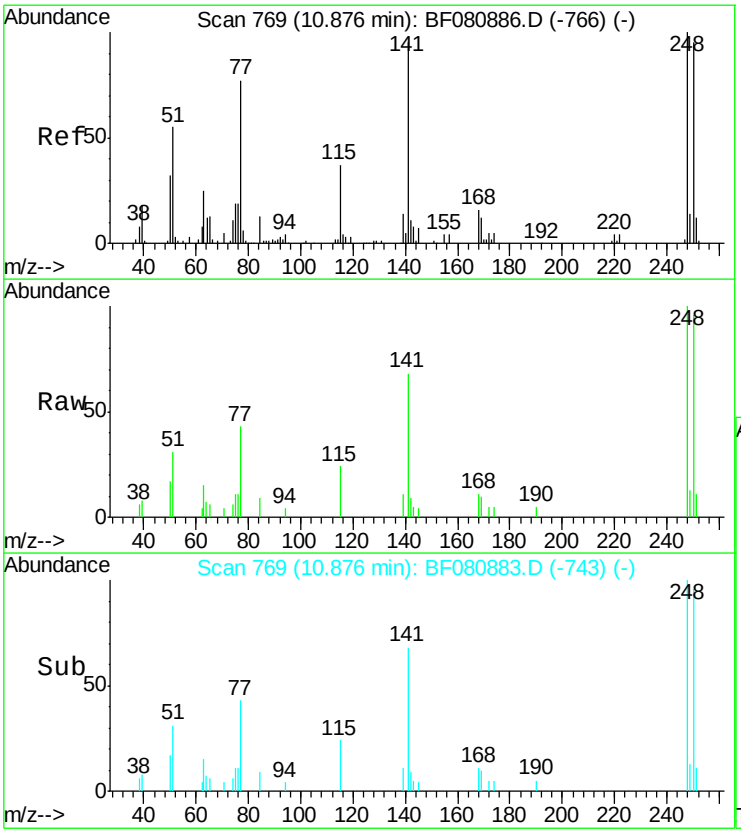
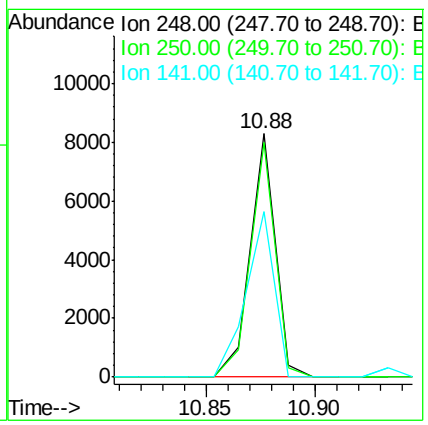
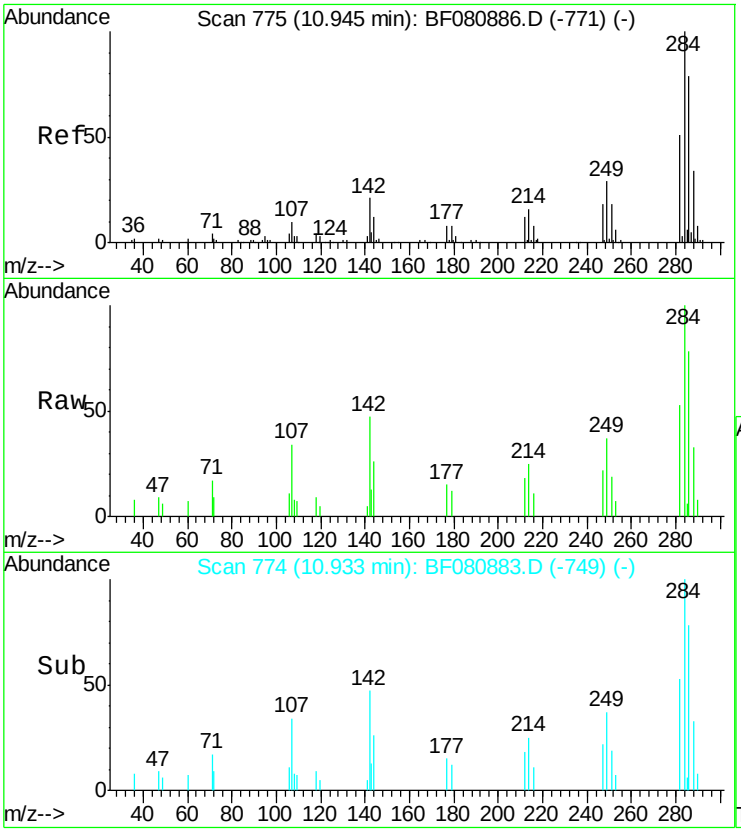


#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:248 Resp: 6650

Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.9	113.9
141	68.1	75.8	113.6#

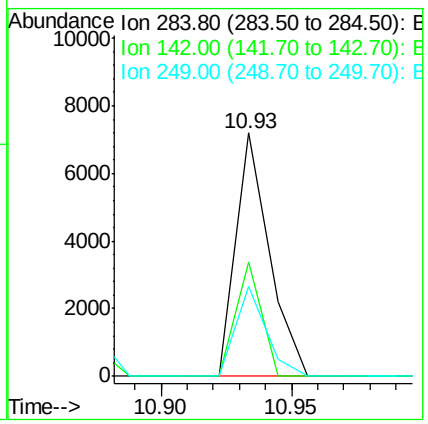




#67
Hexachlorobenzene
Concen: 2.71 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:284 Resp: 6444

Ion	Ratio	Lower	Upper
284	100		
142	46.9	16.4	24.6#
249	36.8	23.1	34.7#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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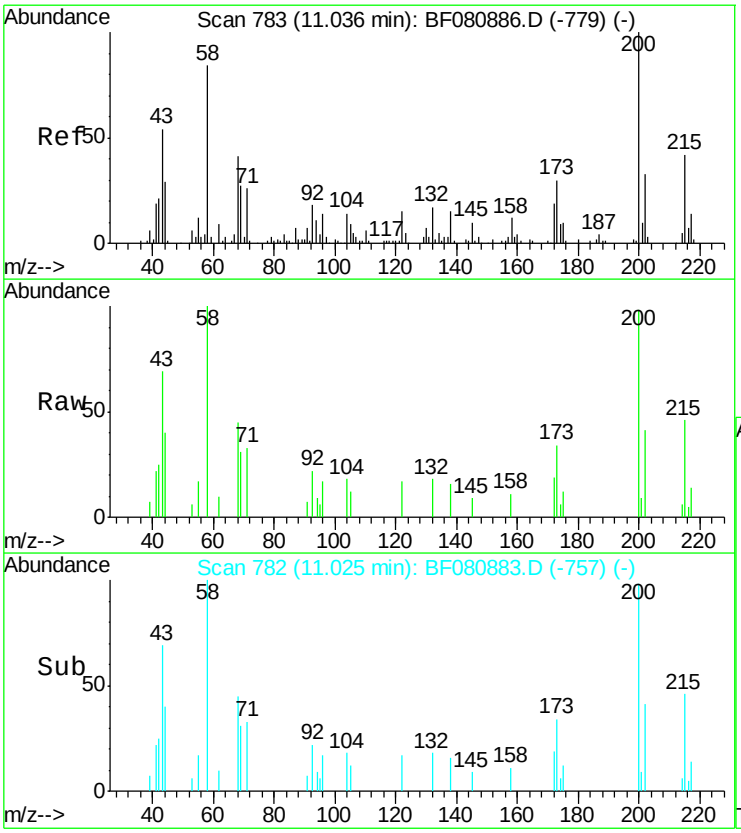
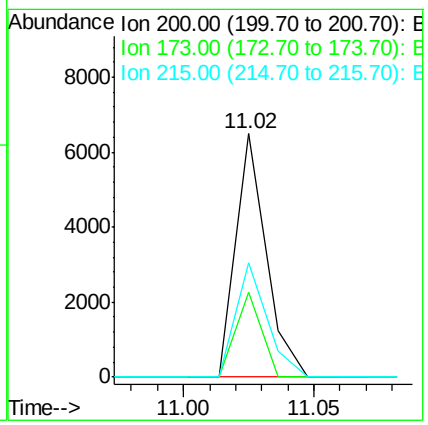
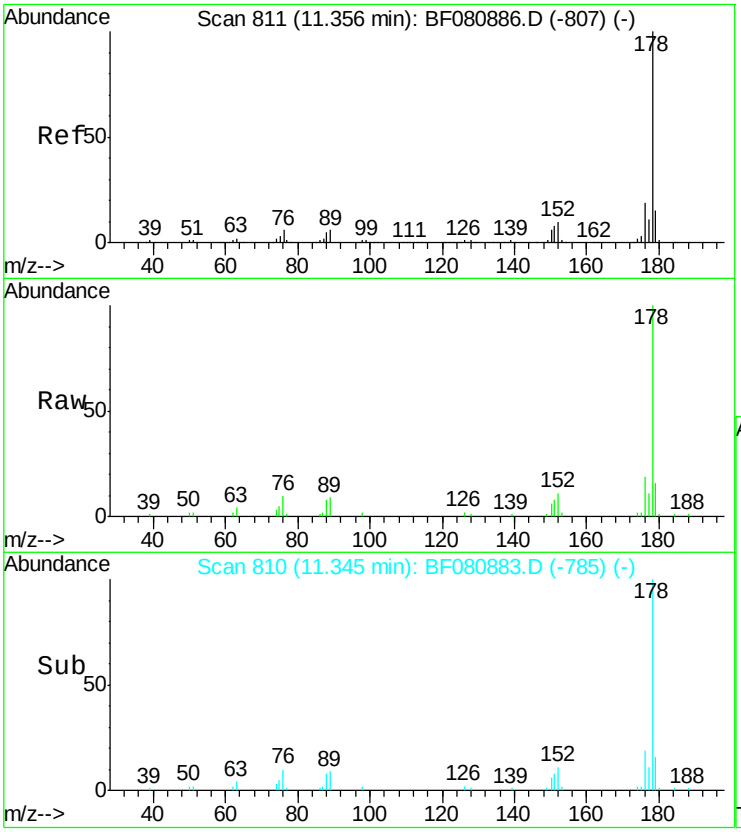


#68
Atrazine
Concen: 2.55 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:200 Resp: 5299

Ion	Ratio	Lower	Upper
200	100		
173	35.0	10.0	50.0
215	47.0	22.3	62.3

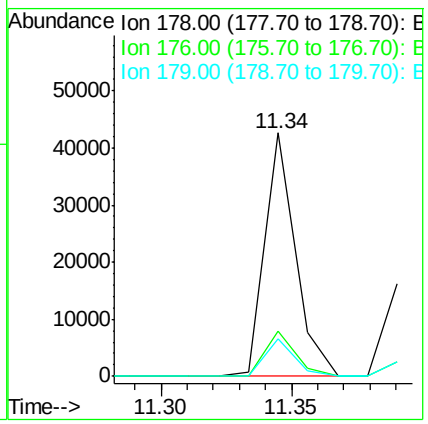




#70
Phenanthrene
Concen: 2.96 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:178 Resp: 35052

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.6	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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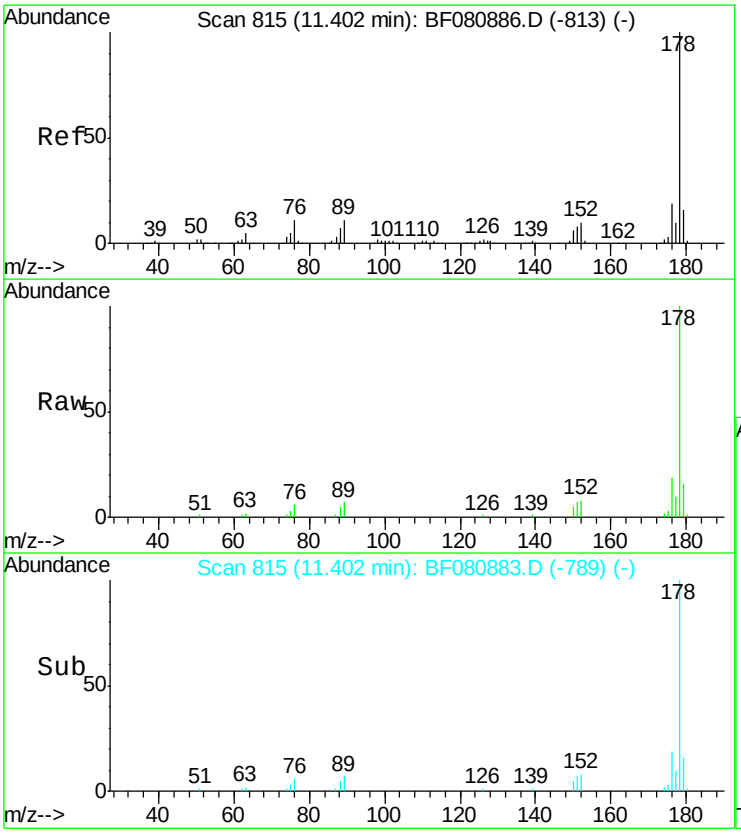
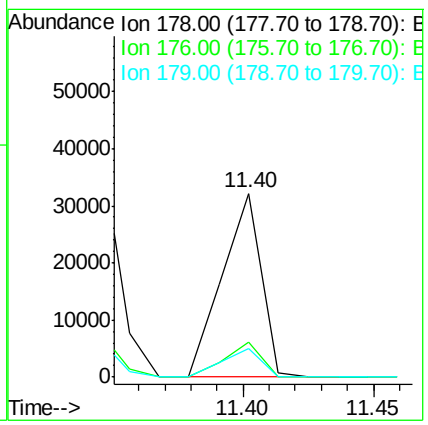
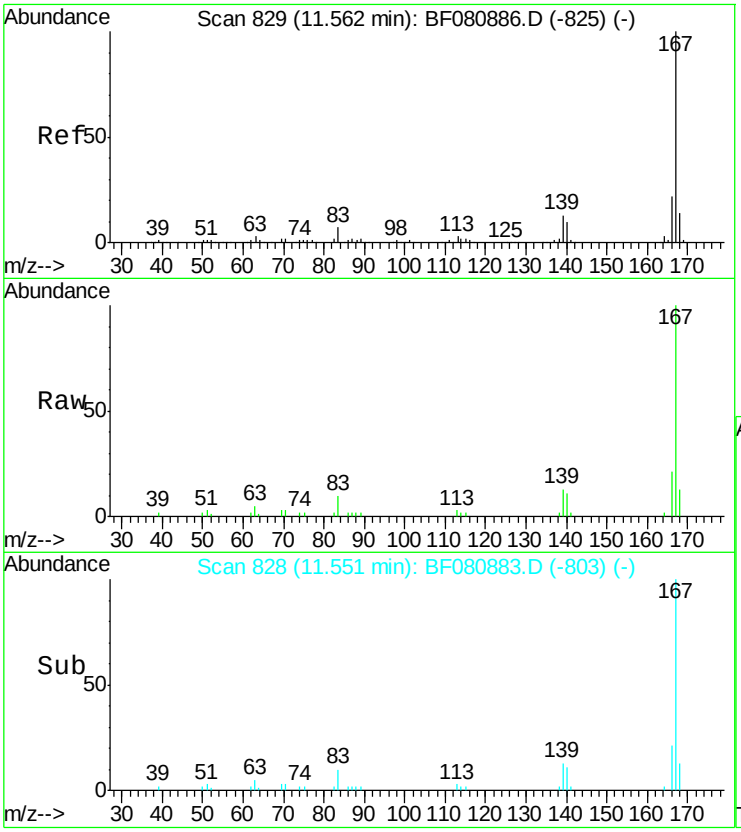


#71
Anthracene
Concen: 2.89 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:178 Resp: 33636

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.5	12.5	18.7

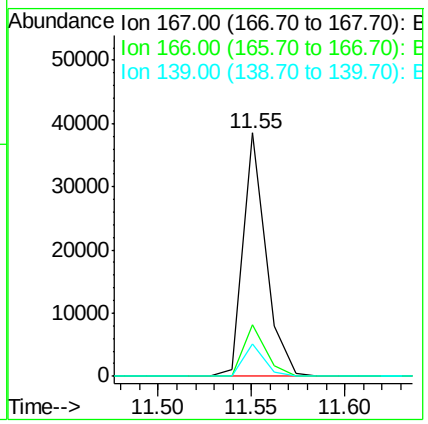




#72
Carbazole
Concen: 2.81 ng
RT: 11.55 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:167 Resp: 33049

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.3	25.9
139	13.3	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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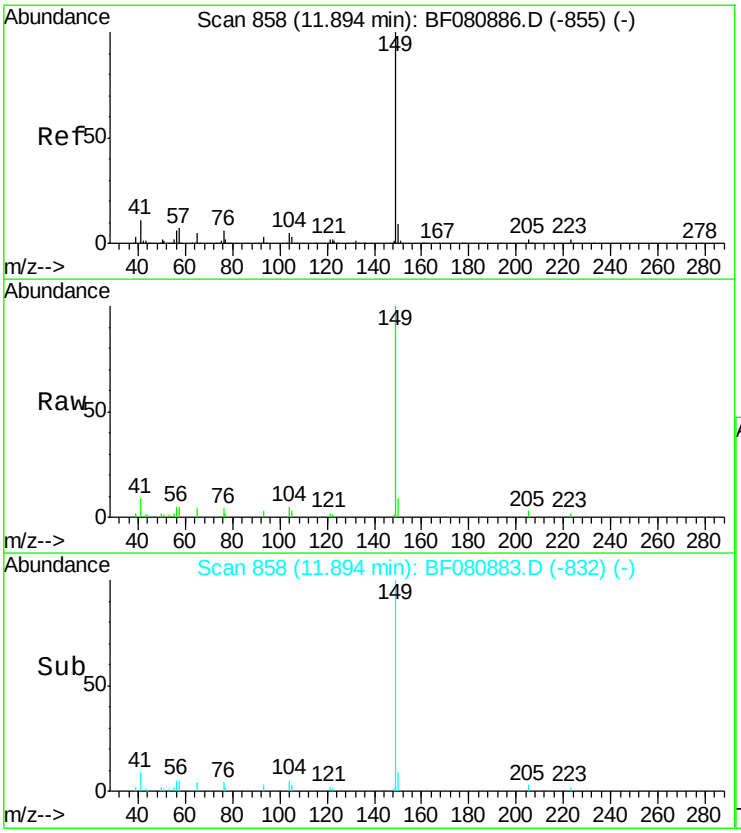
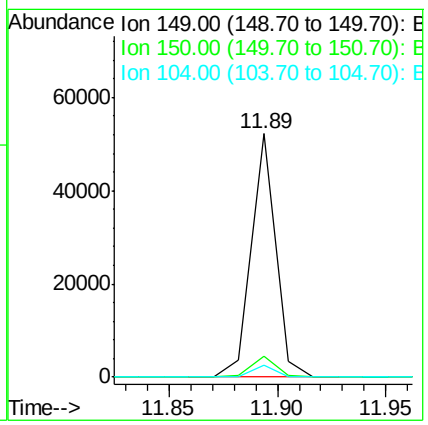
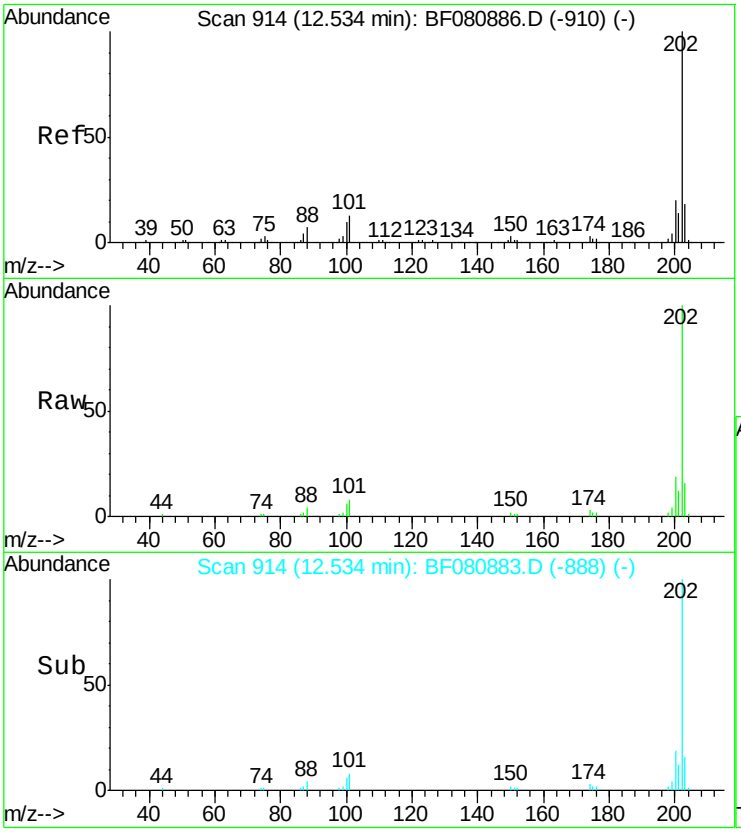


#73
Di-n-butylphthalate
Concen: 2.84 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:149 Resp: 40699

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.6	11.4
104	5.0	4.3	6.5

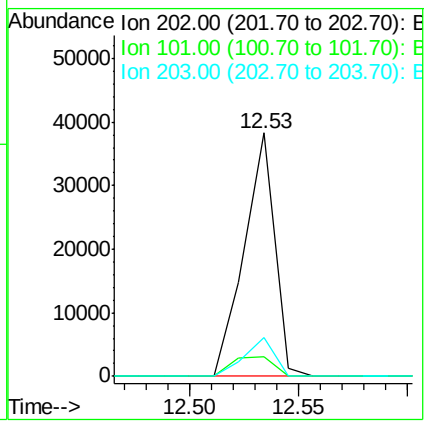




#74
Fluoranthene
Concen: 2.88 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:202 Resp: 37220

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	32.7
203	15.9	0.0	37.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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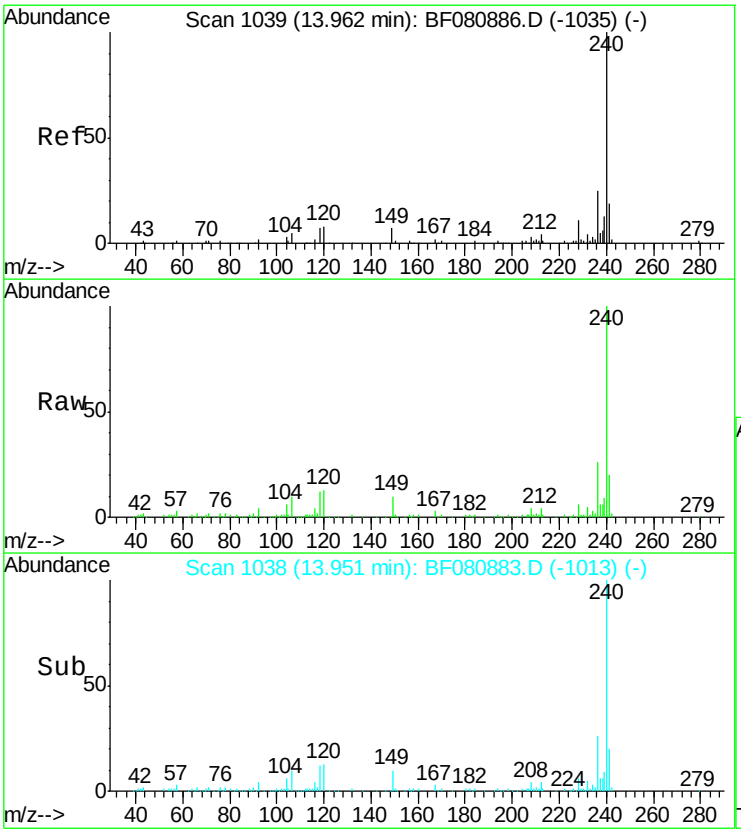
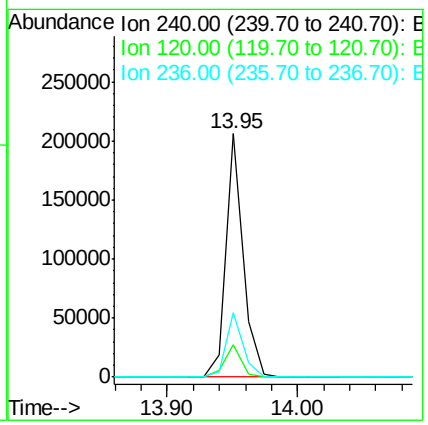
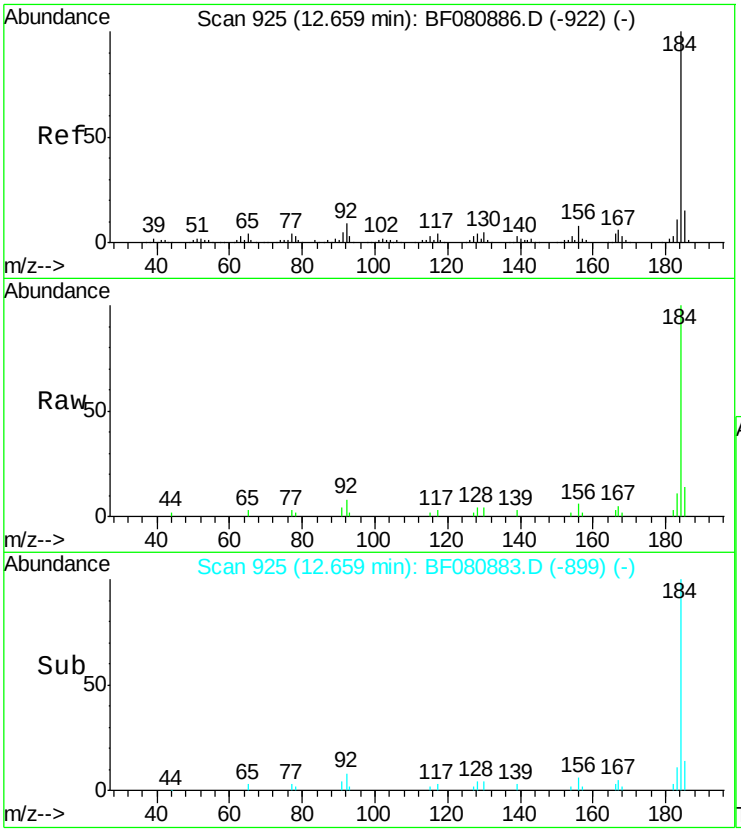


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:240 Resp: 188836

Ion	Ratio	Lower	Upper
240	100		
120	13.4	6.4	9.6#
236	26.2	20.2	30.4

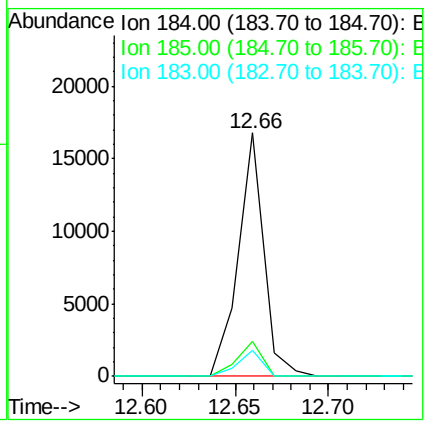




#76
Benzidine
Concen: 2.09 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:184 Resp: 16085

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.4	18.6
183	10.8	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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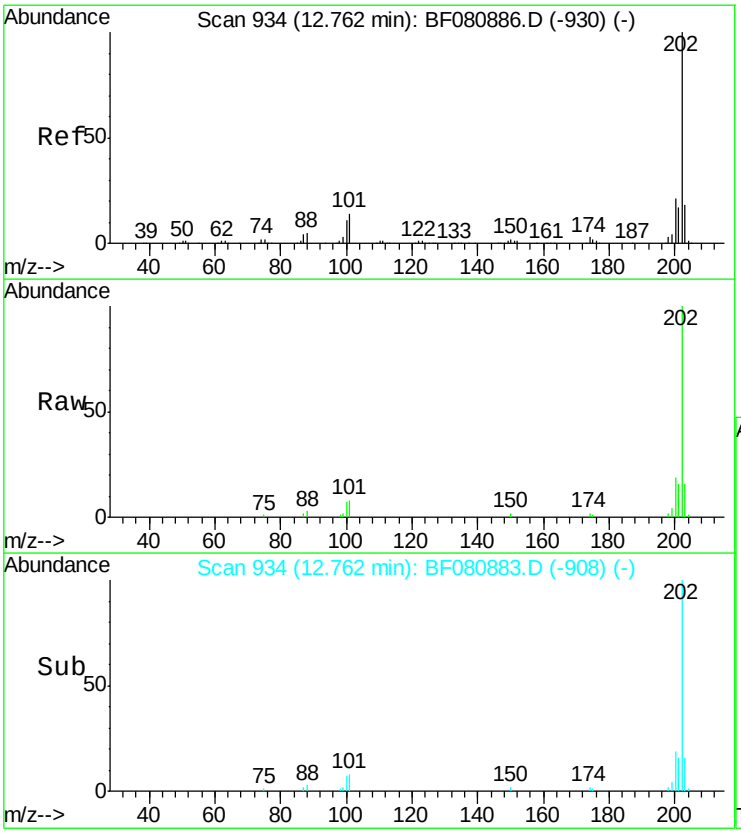
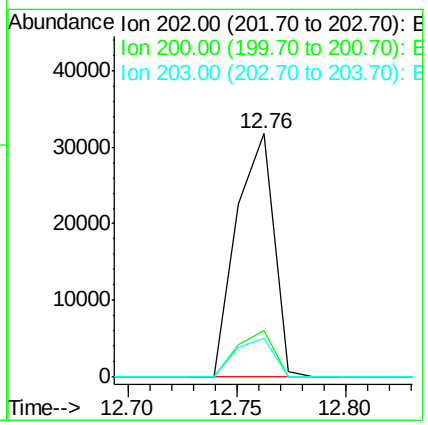
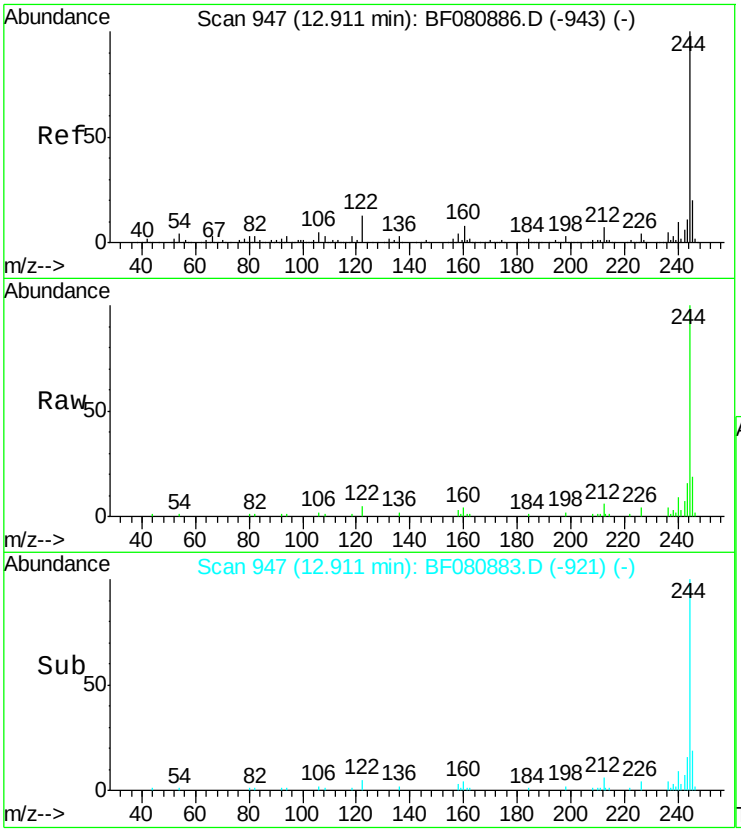


#77
Pyrene
Concen: 2.69 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:202 Resp: 37746

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.6	24.8
203	16.1	14.3	21.5

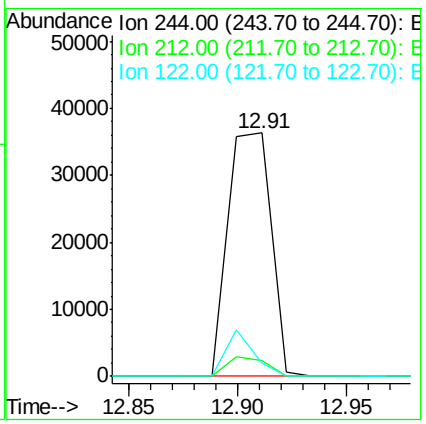




#78
Terphenyl-d14
Concen: 5.57 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:244 Resp: 49928

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	5.4	10.6	16.0#



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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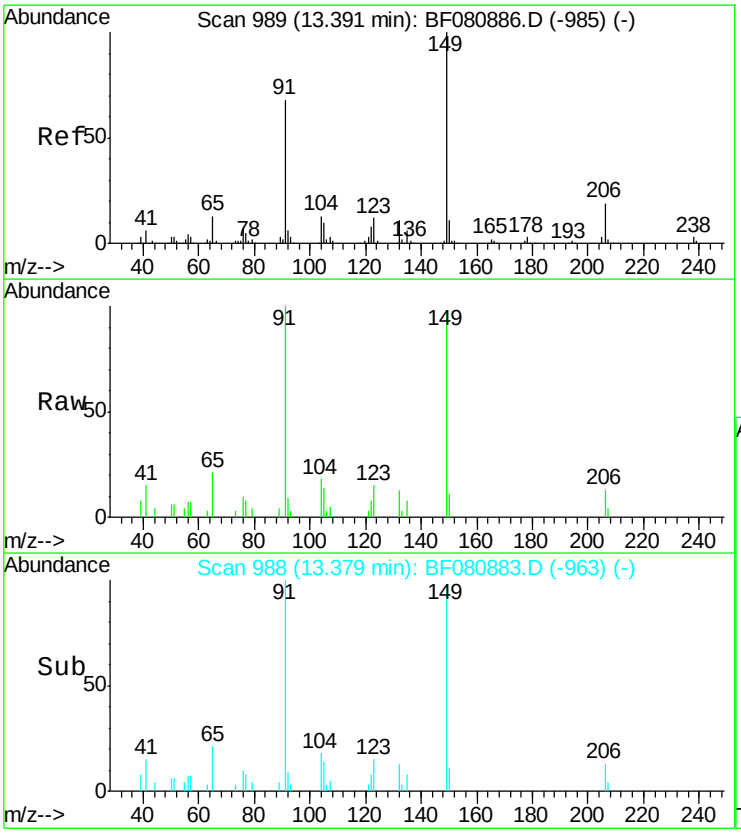
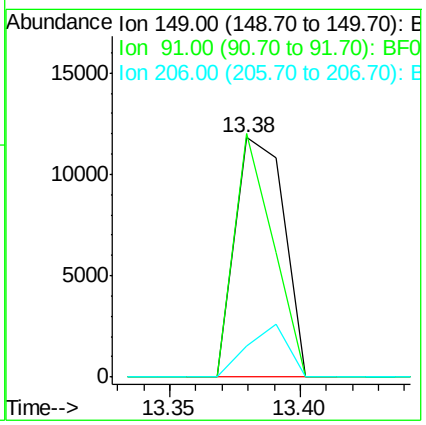
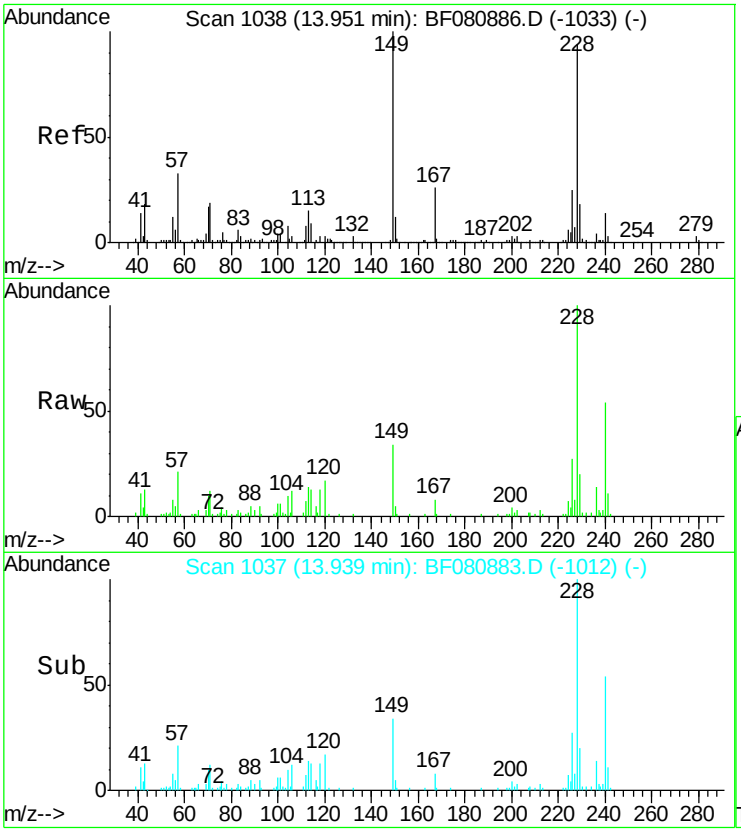


#79
Butylbenzylphthalate
Concen: 2.31 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:149 Resp: 15537

Ion	Ratio	Lower	Upper
149	100		
91	101.6	54.0	81.0#
206	12.9	15.1	22.7#

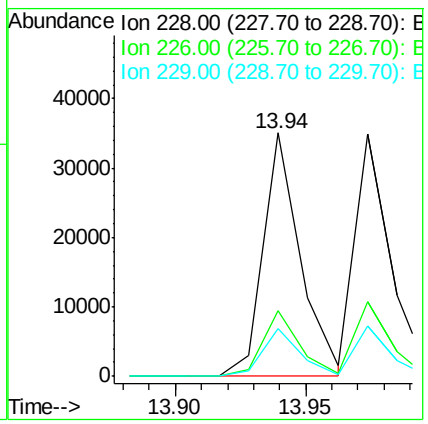




#80
Benzo(a)anthracene
Concen: 2.84 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:228 Resp: 34987

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.6	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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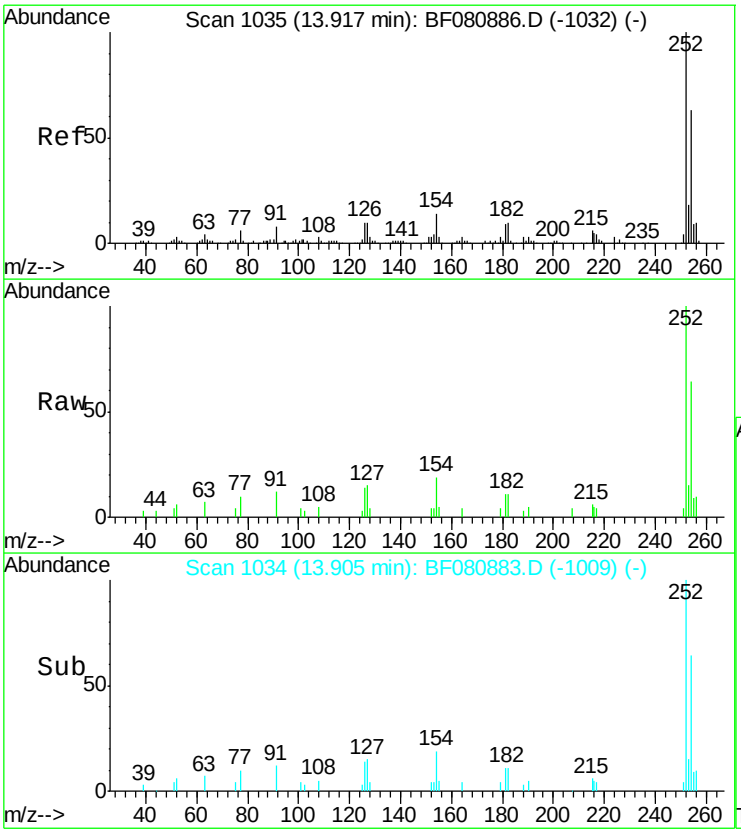
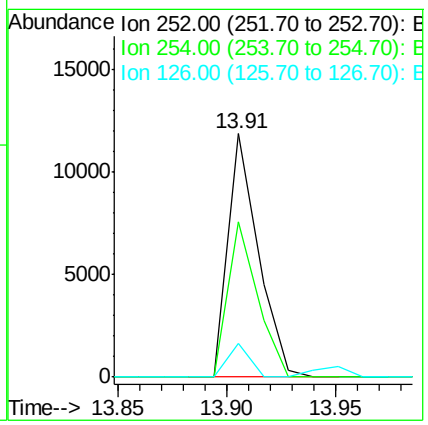
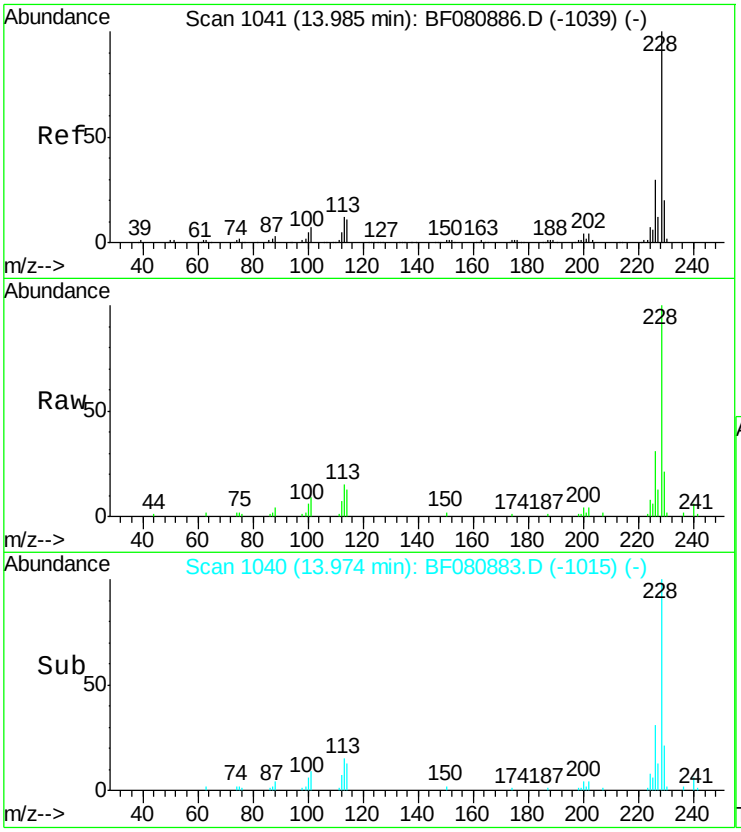


#81
3,3'-Dichlorobenzidine
Concen: 2.48 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:252 Resp: 11464

Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.0	75.0
126	14.0	8.1	12.1#





#82
Chrysene
Concen: 2.75 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:228 Resp: 32405

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	20.7	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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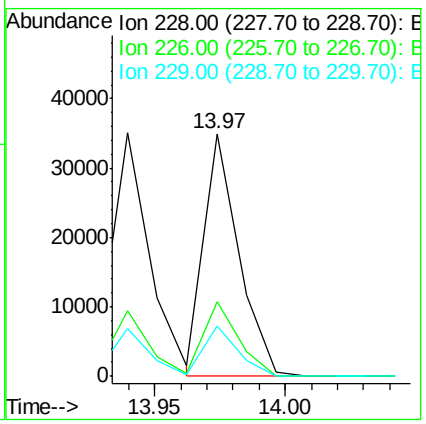
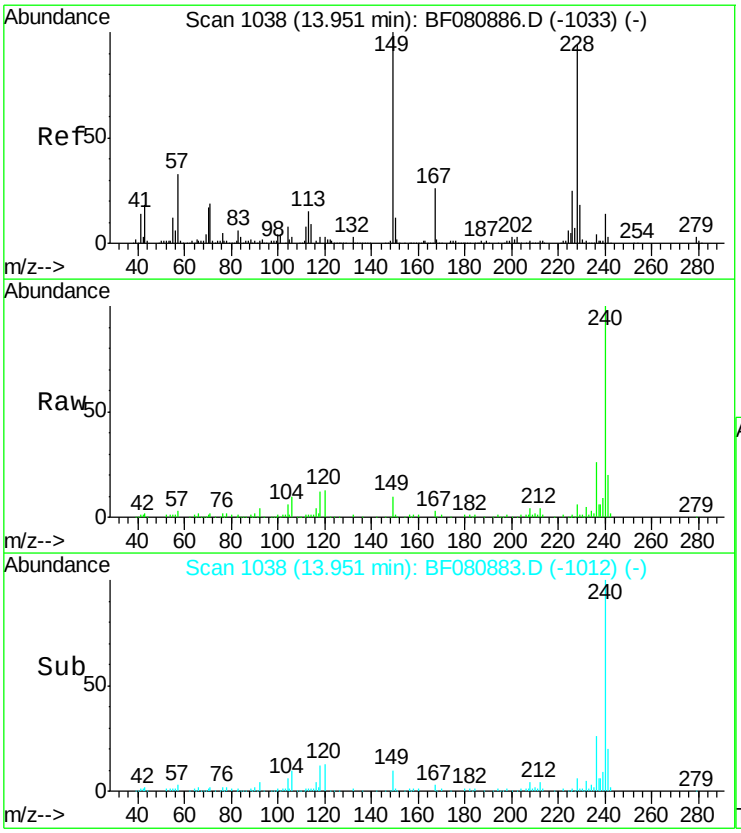
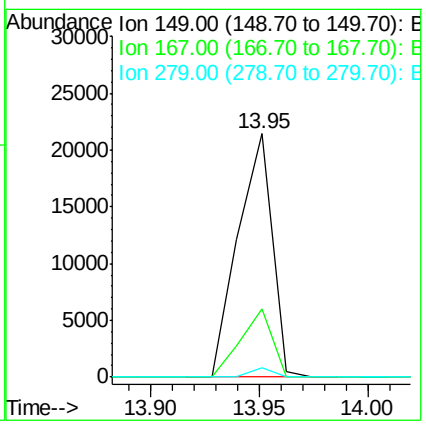


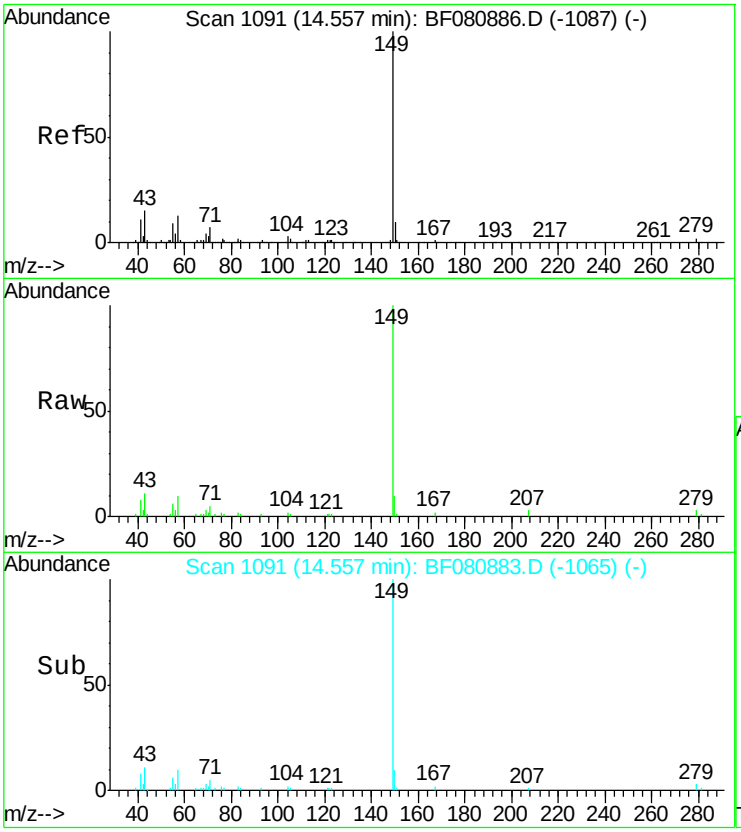


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.53 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:149 Resp: 23291

Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.6	31.0
279	3.9	2.4	3.6#

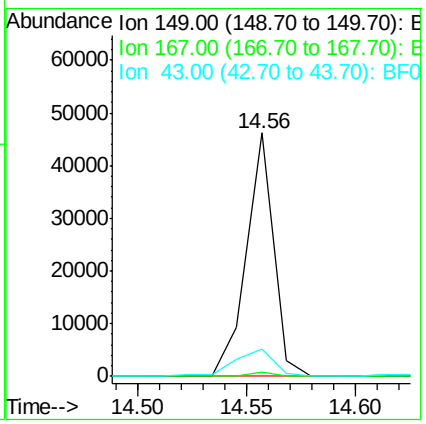




#84
Di-n-octyl phthalate
Concen: 2.48 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:149 Resp: 40177

Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.1	1.7
43	16.2	11.5	17.3



Instrument :
BNA_F
ClientSampleId :
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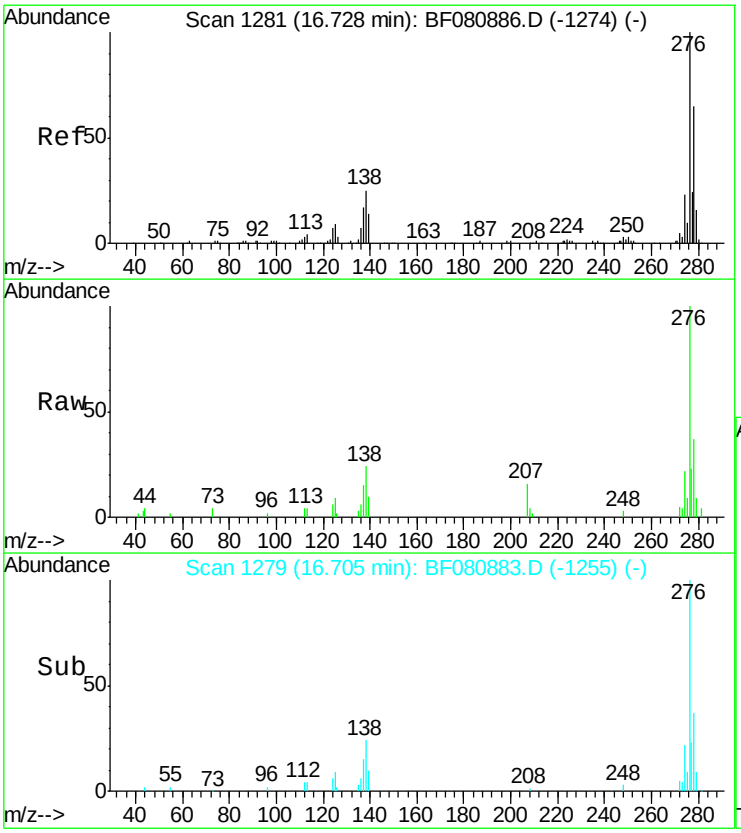
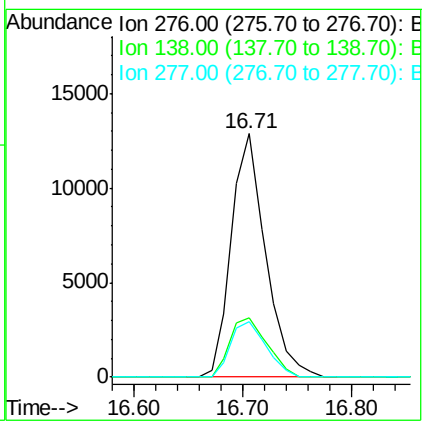
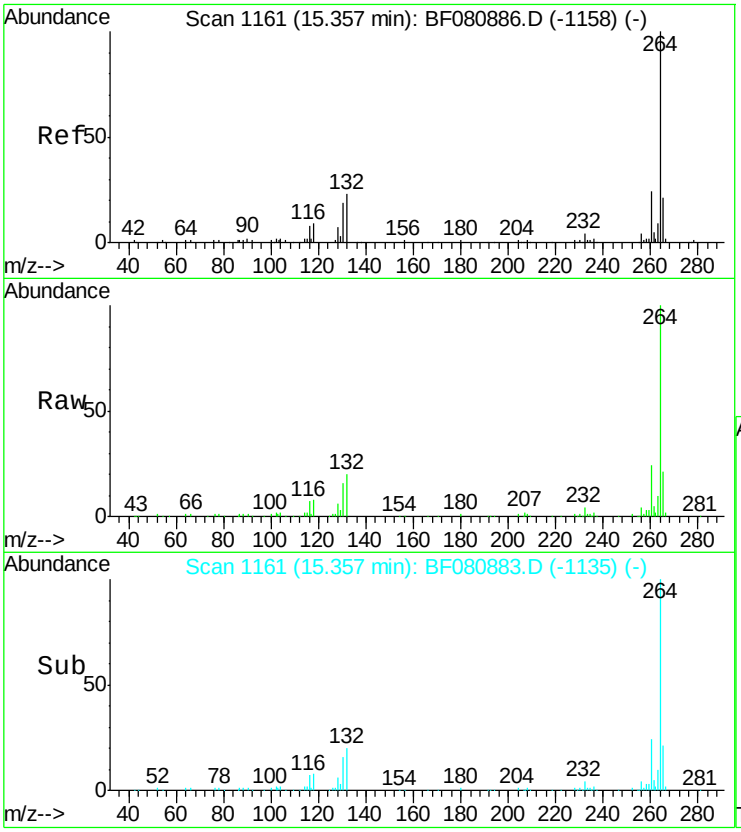


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.45 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:276 Resp: 28085

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.7	31.1
277	23.8	19.4	29.0

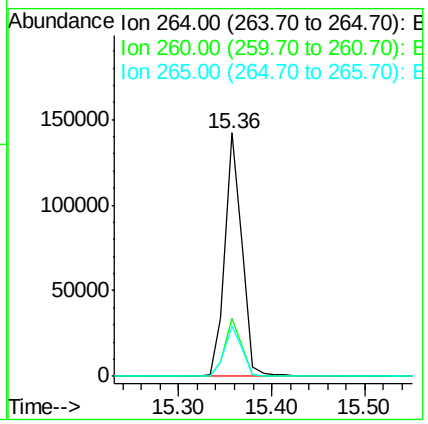




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:264 Resp: 180735

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	20.8	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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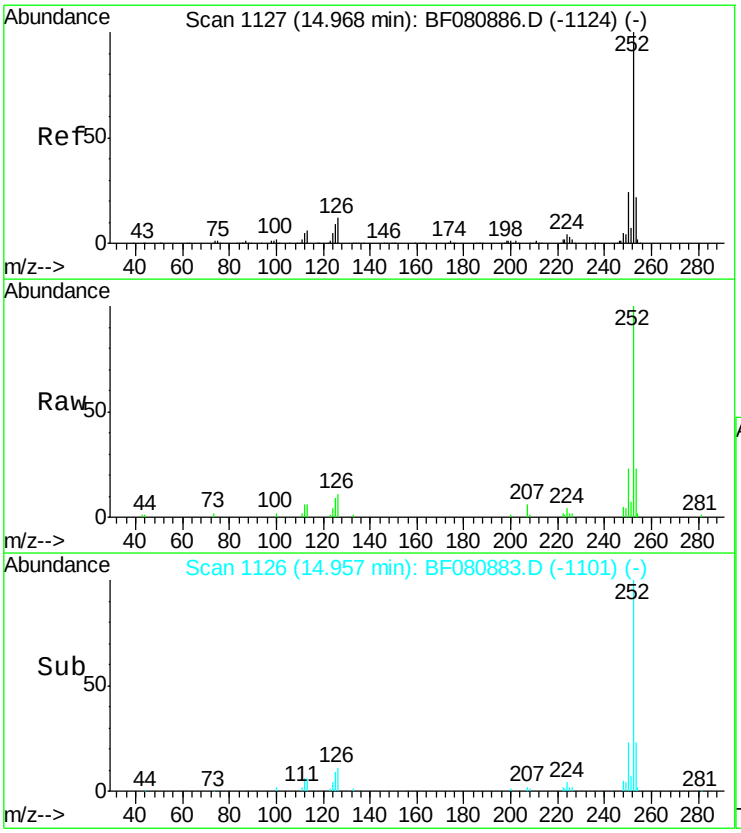
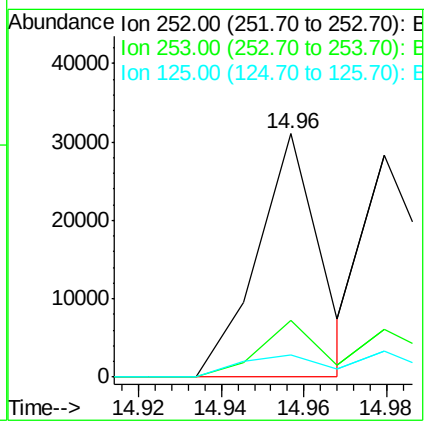
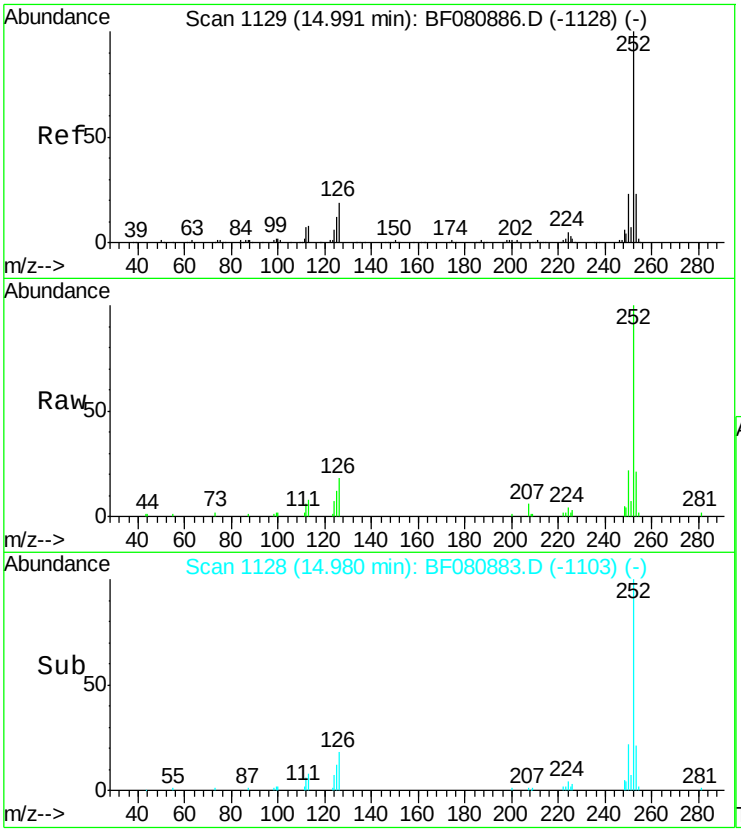


#87
Benzo(b)fluoranthene
Concen: 2.60 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:252 Resp: 32978

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	9.4	7.0	10.4

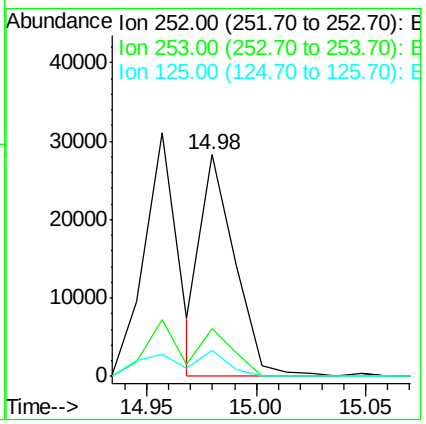




#88
Benzo(k)fluoranthene
Concen: 2.84 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:252 Resp: 30580

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.7	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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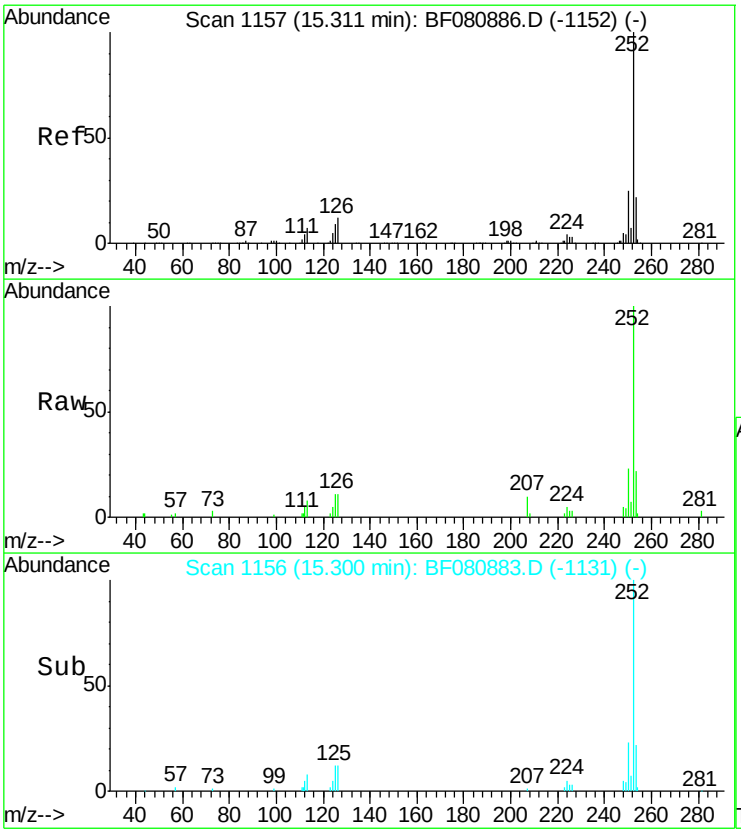
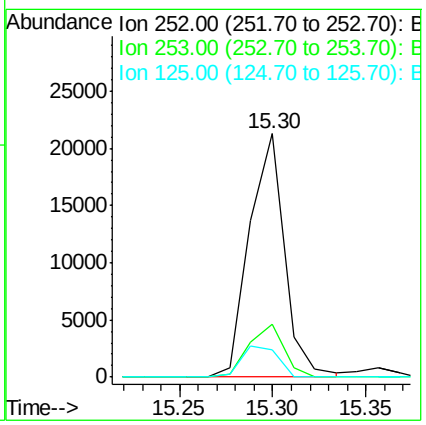
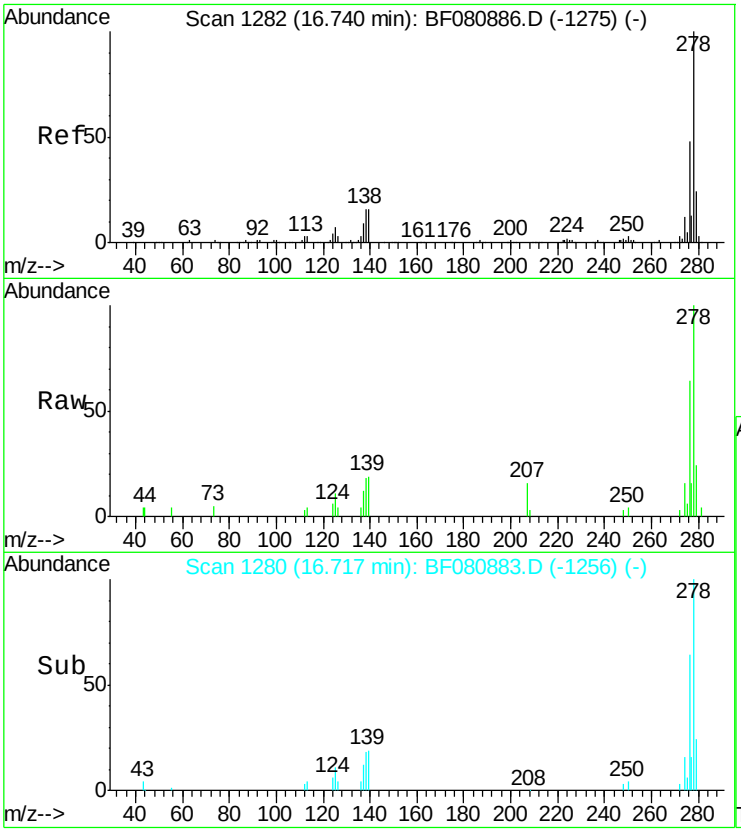


#89
Benzo(a)pyrene
Concen: 2.53 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:252 Resp: 27648

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.3	7.5	11.3

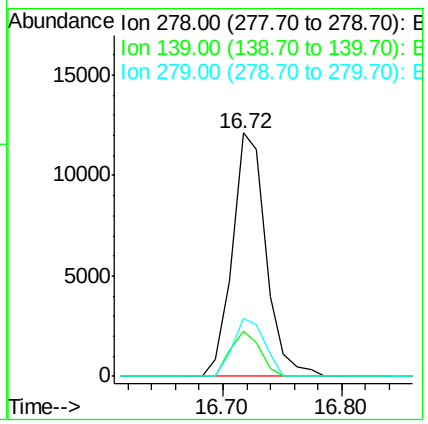




#90
Dibenzo(a,h)anthracene
Concen: 2.54 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:278 Resp: 23904

Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.2	19.8
279	23.6	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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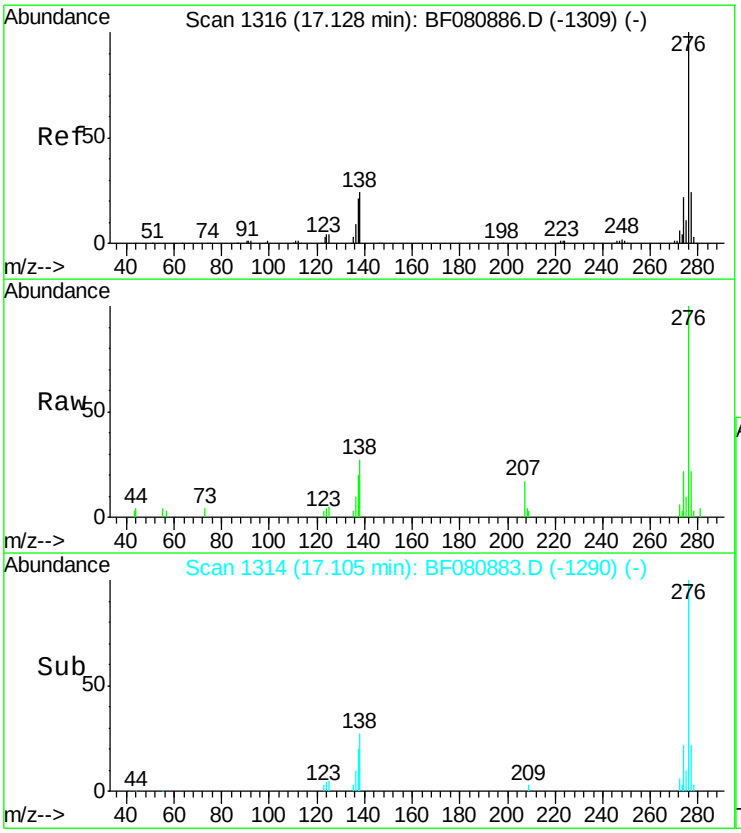

#91
Benzo(g,h,i)perylene
Concen: 2.50 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF080883.D
Acq: 6 Aug 2015 11:01

Tgt Ion:276 Resp: 22868

Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.3	28.9
138	26.6	19.1	28.7