Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084284.D
Acq On : 6 Jan 2016 12:37
Operator : SJ/UM
Sample : G4986-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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Quant Time: Jan 07 00:58:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260332	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1103343	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	504892	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	927711	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	824224	20.00	ng		-0.03
86) Perylene-d12	15.45	264	686343	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1613288	100.24	ng		-0.01
7) Phenol-d6	6.51	99	2098020	103.79	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1289336	65.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	531825	104.33	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	1877322	63.83	ng		-0.03
78) Terphenyl-d14	12.98	244	1859213	50.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	214050	28.07	ng	#	75
3) Pyridine	3.26	79	211692	9.96	ng	#	72
4) n-Nitrosodimethylamine	3.18	42	349824	32.06	ng		79
6) Aniline	6.53	93	446970	15.12	ng	#	85
8) 2-Chlorophenol	6.66	128	661223	36.21	ng		97
9) Benzaldehyde	6.41	77	289817	22.02	ng		92
10) Phenol	6.52	94	666826	29.01	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	627971	35.27	ng		95
12) 1,3-Dichlorobenzene	6.81	146	637189	33.83	ng	#	94
13) 1,4-Dichlorobenzene	6.89	146	663777	35.14	ng		95
14) 1,2-Dichlorobenzene	7.04	146	557505	30.82	ng		94
15) Benzyl Alcohol	7.01	79	540512	31.79	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1018930	31.43	ng		84
17) 2-Methylphenol	7.14	107	517656	33.82	ng		96
18) Hexachloroethane	7.38	117	240201	31.80	ng	#	91
19) n-Nitroso-di-n-propylamine	7.29	70	440232	32.17	ng	#	72
20) 3+4-Methylphenols	7.29	107	615271	34.20	ng	#	69
22) Acetophenone	7.28	105	875173	32.99	ng	#	91
24) Nitrobenzene	7.46	77	724858	36.05	ng		90
25) Isophorone	7.70	82	1282776	33.83	ng		96
26) 2-Nitrophenol	7.77	139	316906	34.63	ng	#	77
27) 2,4-Dimethylphenol	7.81	122	529580	28.59	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	748055	32.30	ng		99
29) 2,4-Dichlorophenol	8.02	162	567759	36.80	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	568287	35.68	ng	#	95
31) Naphthalene	8.18	128	1786215	35.68	ng		99
32) Benzoic acid	7.87	122	37860	9.01	ng		94
33) 4-Chloroaniline	8.22	127	327302	14.26	ng		99
34) Hexachlorobutadiene	8.29	225	295421	32.26	ng		100
35) Caprolactam	8.59	113	142927m	27.48	ng		
36) 4-Chloro-3-methylphenol	8.72	107	620632	35.91	ng		99
37) 2-Methylnaphthalene	8.86	142	1104176	30.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	517158	35.63	ng		99
40) Hexachlorocyclopentadiene	9.02	237	624572	71.28	ng		99

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Data File : BF084284.D
Acq On : 6 Jan 2016 12:37
Operator : SJ/UM
Sample : G4986-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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Quant Time: Jan 07 00:58:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	367460	33.84	ng		91
43) 2,4,5-Trichlorophenol	9.18	196	355169	34.12	ng	#	84
45) 1,1'-Biphenyl	9.33	154	1466205	36.54	ng		99
46) 2-Chloronaphthalene	9.36	162	1092724	34.67	ng		93
47) 2-Nitroaniline	9.45	65	352632	33.90	ng		94
48) Acenaphthylene	9.77	152	1554453	33.38	ng		97
49) Dimethylphthalate	9.64	163	2112613	58.53	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	315346	39.83	ng	#	86
51) Acenaphthene	9.94	154	1060725	33.96	ng		97
52) 3-Nitroaniline	9.86	138	232955	23.75	ng		98
53) 2,4-Dinitrophenol	9.96	184	157739	48.25	ng	#	69
54) Dibenzofuran	10.11	168	1385226	33.48	ng		90
55) 4-Nitrophenol	10.04	139	516530	72.54	ng	#	77
56) 2,4-Dinitrotoluene	10.10	165	427521	42.67	ng		90
57) Fluorene	10.45	166	1024157	32.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	315081	35.45	ng	#	86
59) Diethylphthalate	10.34	149	1287144	36.17	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	537066	39.77	ng		90
61) 4-Nitroaniline	10.48	138	277254	31.71	ng		93
62) Azobenzene	10.61	77	1357803	34.79	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	158382	28.65	ng	#	61
65) n-Nitrosodiphenylamine	10.57	169	908086	30.62	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	335652	33.61	ng	#	93
67) Hexachlorobenzene	11.00	284	371541	33.06	ng		95
68) Atrazine	11.09	200	336734	34.69	ng		98
69) Pentachlorophenol	11.20	266	322827	55.40	ng		98
70) Phenanthrene	11.41	178	1548199	31.90	ng		97
71) Anthracene	11.47	178	1773494	37.28	ng		99
72) Carbazole	11.62	167	1505164	32.37	ng		99
73) Di-n-butylphthalate	11.96	149	1914007	36.90	ng	#	98
74) Fluoranthene	12.60	202	1749938	34.52	ng		97
77) Pyrene	12.83	202	1824370	28.21	ng		97
79) Butylbenzylphthalate	13.45	149	828264	29.59	ng	#	84
80) Benzo(a)anthracene	14.02	228	1449959	29.96	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	429238	25.41	ng	#	96
82) Chrysene	14.05	228	1407490	30.26	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1061646	30.02	ng	#	93
84) Di-n-octyl phthalate	14.63	149	1814959	30.40	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1239956	33.64	ng		100
87) Benzo(b)fluoranthene	15.05	252	1474231	32.84	ng		98
88) Benzo(k)fluoranthene	15.07	252	1258036m	34.26	ng		
89) Benzo(a)pyrene	15.39	252	1300701	34.16	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	1039744	31.73	ng	#	94
91) Benzo(g,h,i)perylene	17.28	276	1029634	30.34	ng		99

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084284.D
Acq On : 6 Jan 2016 12:37
Operator : SJ/UM
Sample : G4986-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 07 00:58:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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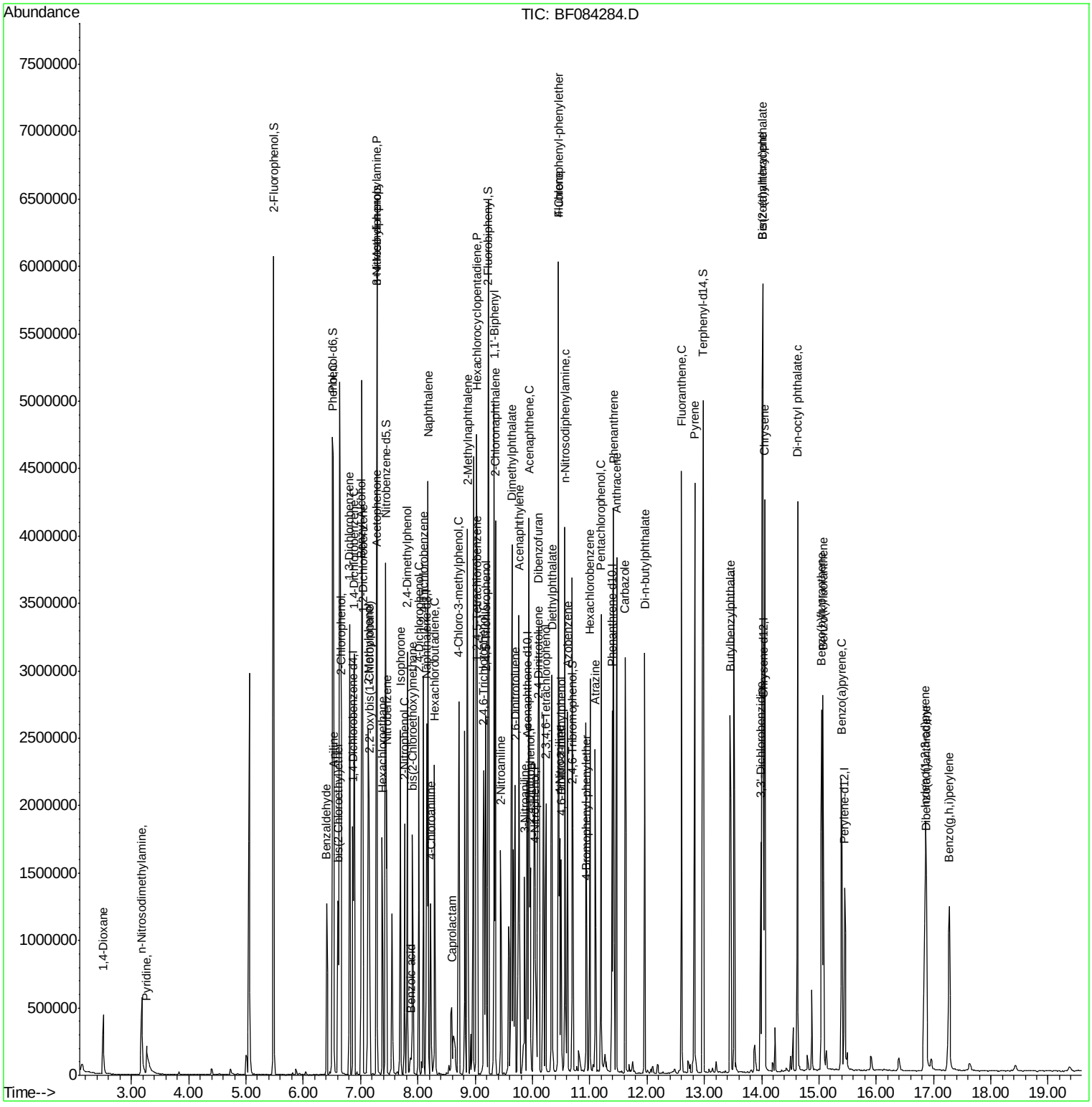
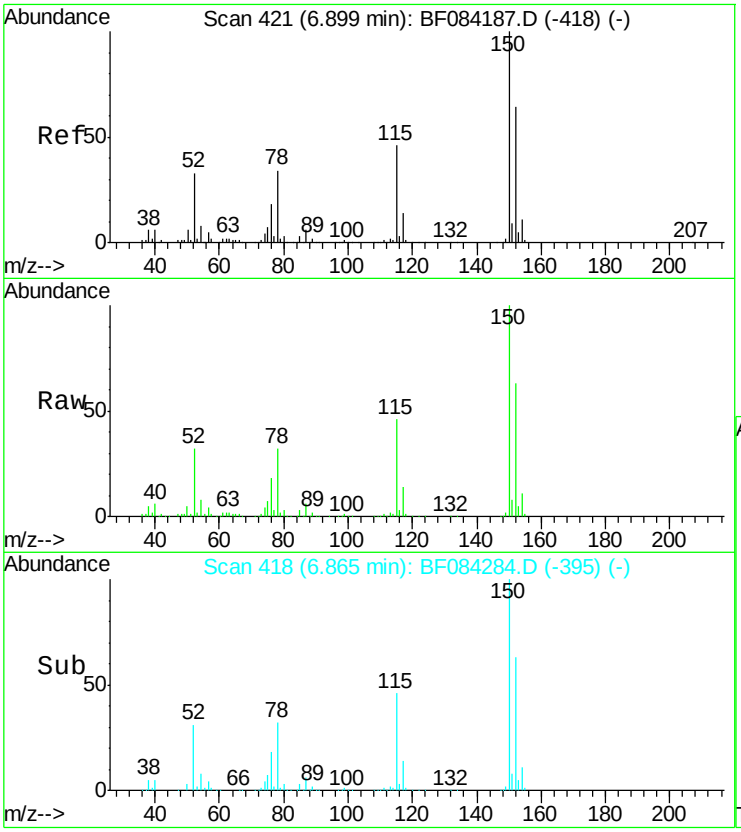
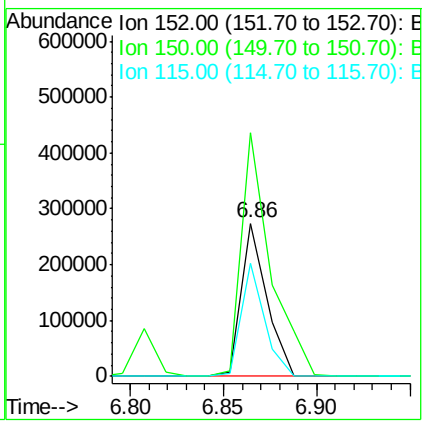




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:152 Resp: 260332

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.4
115	73.5	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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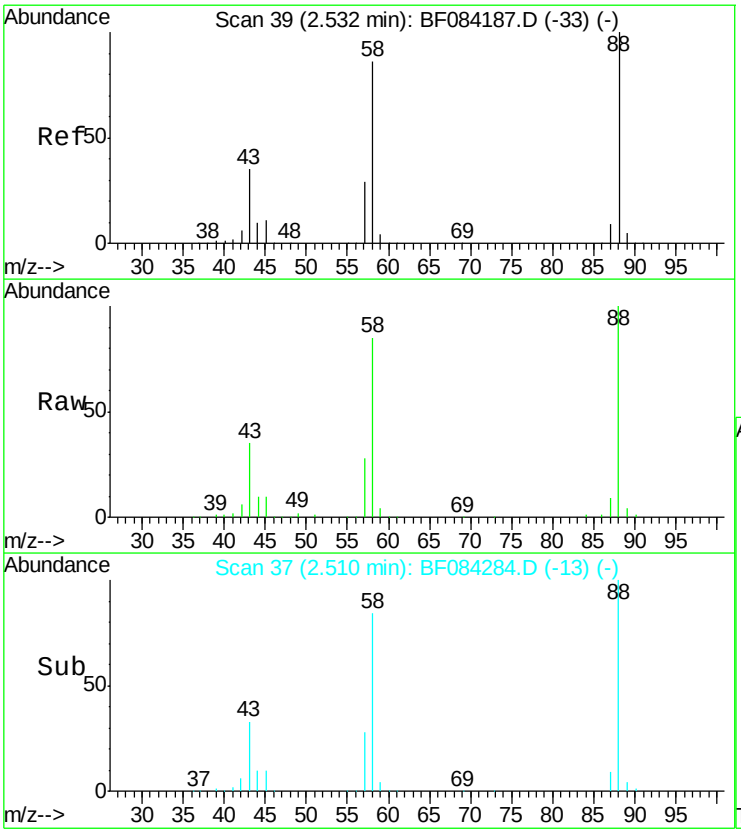
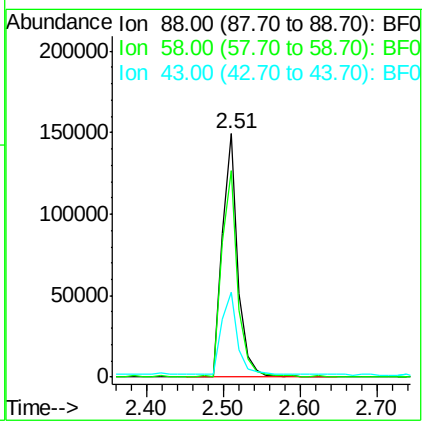
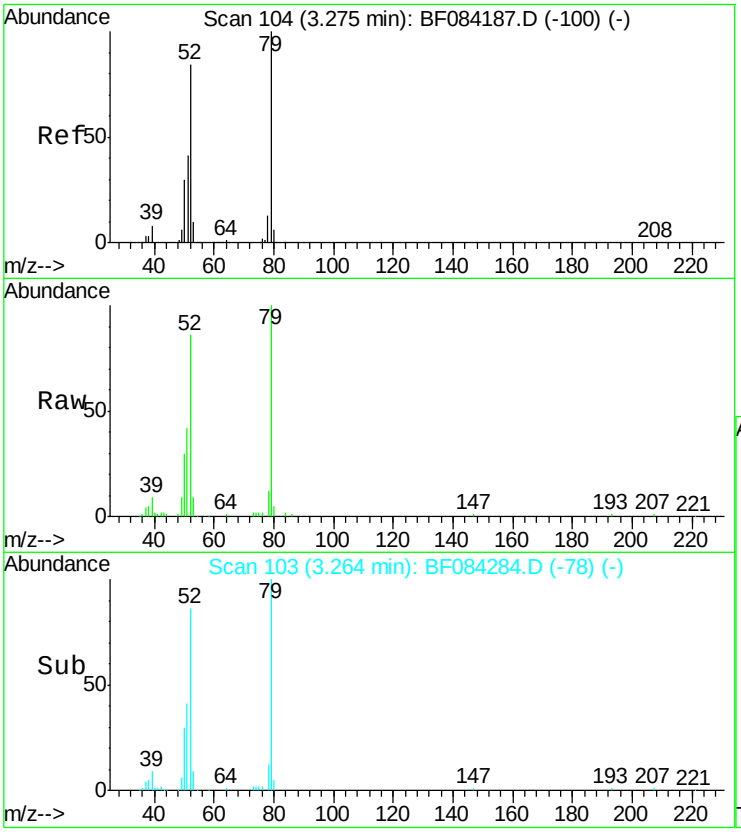


#2
1,4-Dioxane
Concen: 28.07 ng
RT: 2.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 88 Resp: 214050

Ion	Ratio	Lower	Upper
88	100		
58	84.8	51.2	76.8#
43	34.2	19.5	29.3#





#3
Pyridine
Concen: 9.96 ng
RT: 3.26 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 79 Resp: 211692

Ion	Ratio	Lower	Upper
79	100		
52	86.1	49.0	73.4#
51	41.6	25.2	37.8#

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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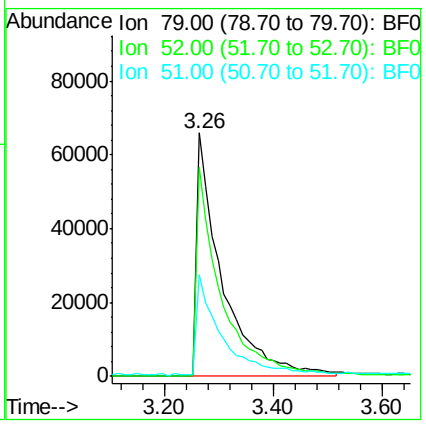
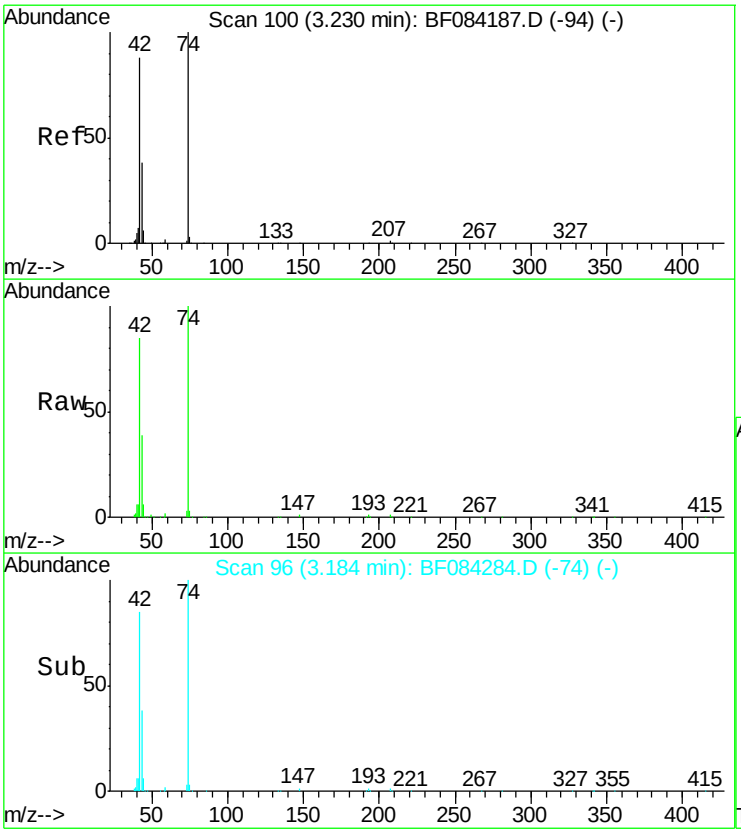
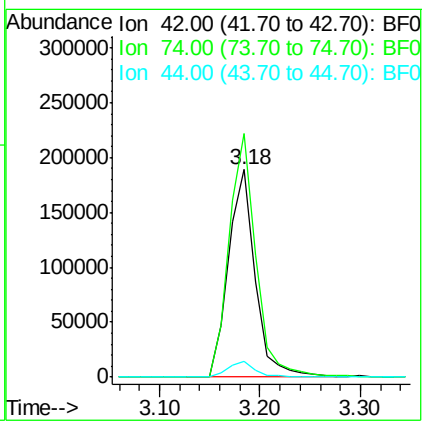


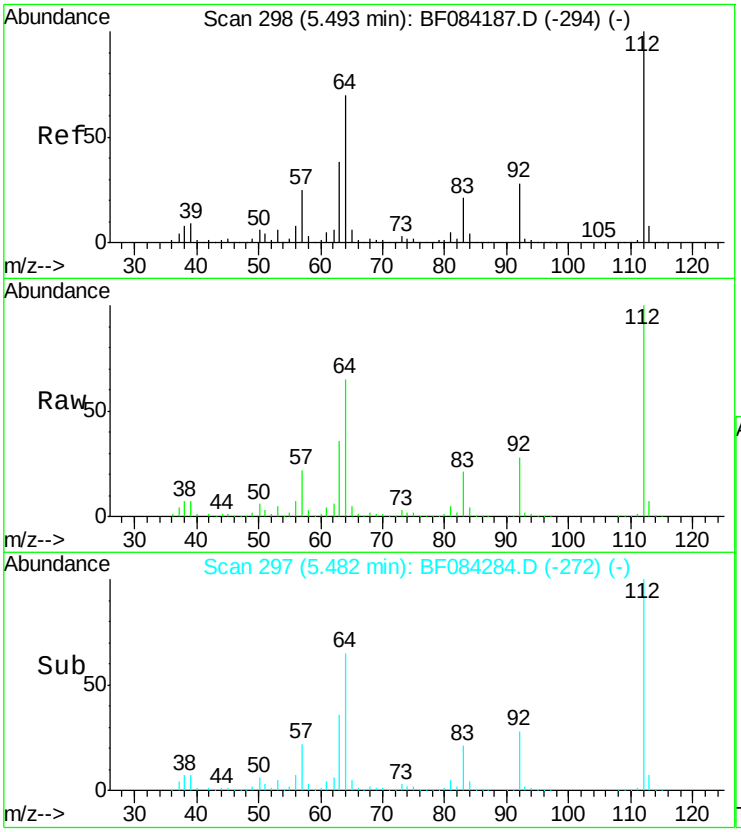


#4
n-Nitrosodimethylamine
Concen: 32.06 ng
RT: 3.18 min Scan# 96
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 42 Resp: 349824

Ion	Ratio	Lower	Upper
42	100		
74	117.5	115.7	173.5
44	7.3	5.1	7.7





#5
2-Fluorophenol
Concen: 100.24 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:112 Resp: 1613288

Ion	Ratio	Lower	Upper
112	100		
64	64.8	36.6	55.0#
63	35.5	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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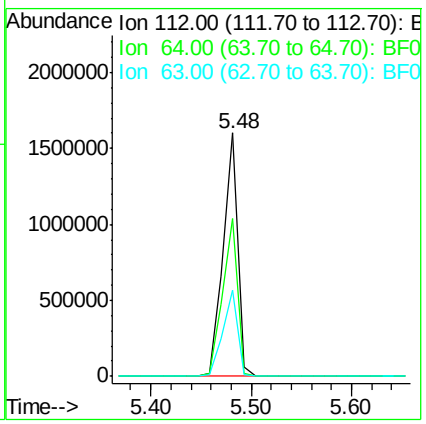
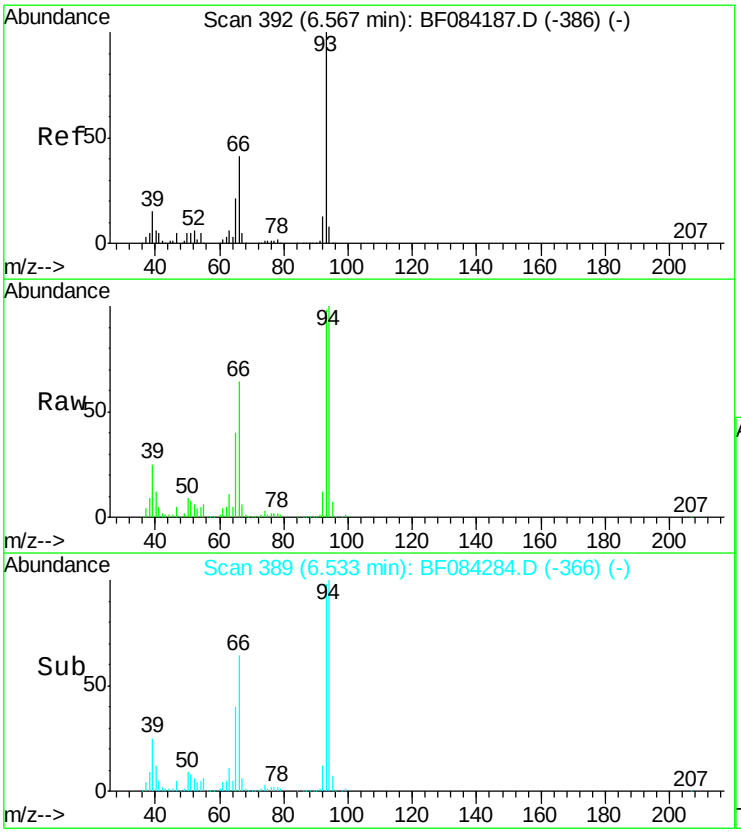
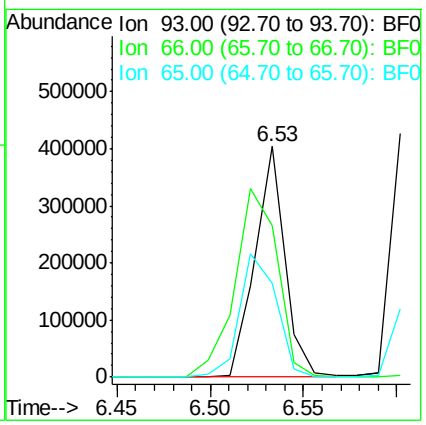


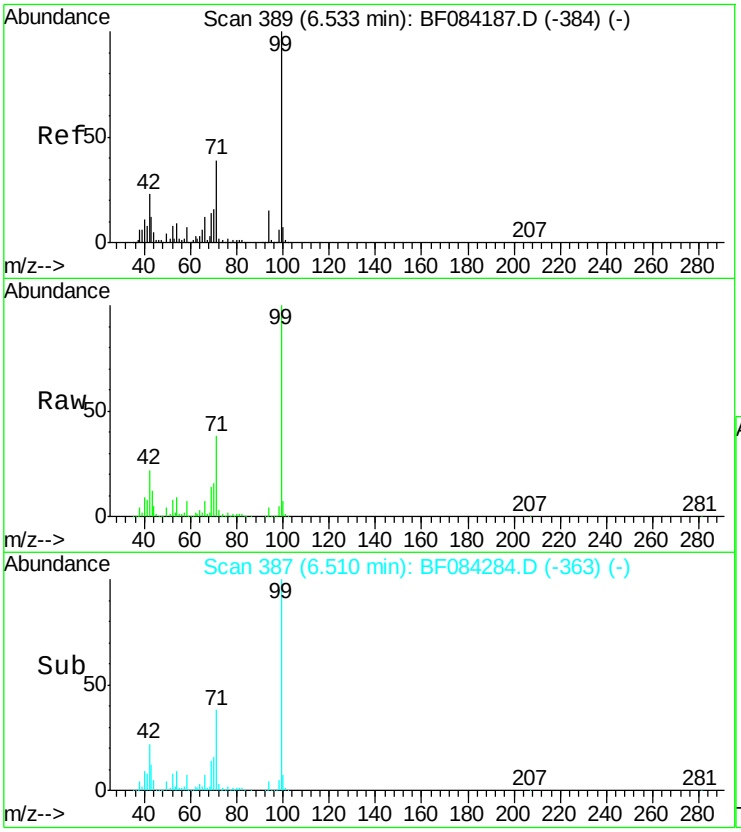


#6
Aniline
Concen: 15.12 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 93 Resp: 446970

Ion	Ratio	Lower	Upper
93	100		
66	65.5	44.9	67.3
65	40.5	23.7	35.5#

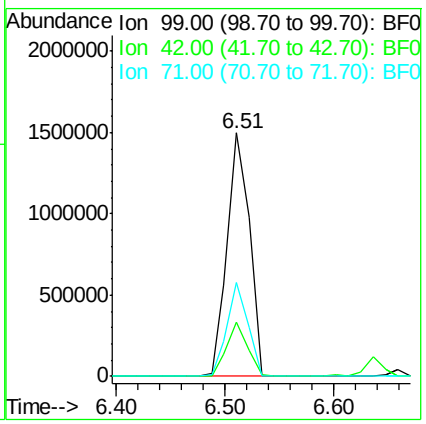




#7
Phenol-d6
Concen: 103.79 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 99 Resp: 2098020

Ion	Ratio	Lower	Upper
99	100		
42	22.4	12.8	19.2#
71	38.3	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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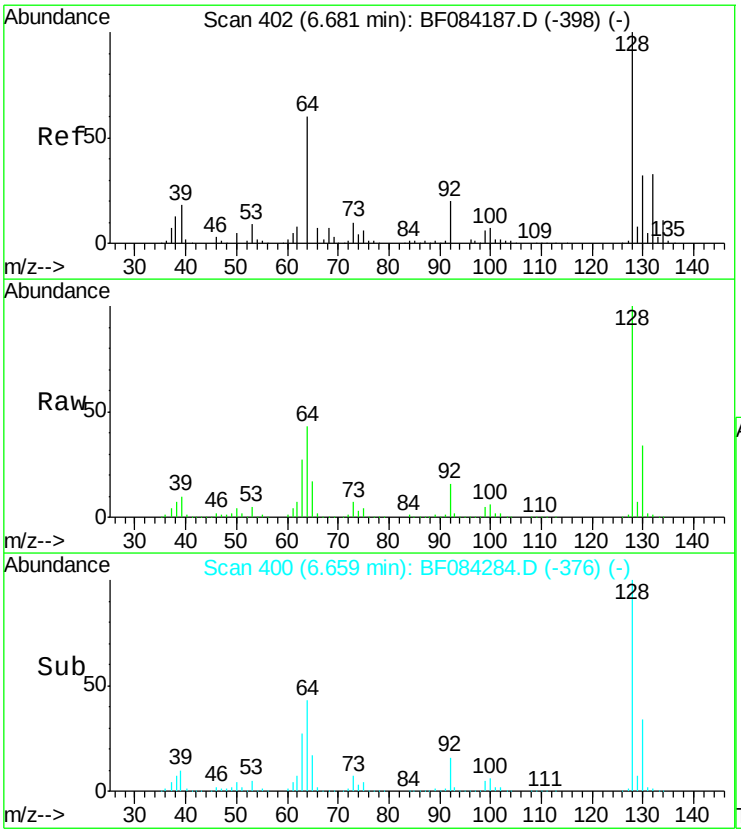
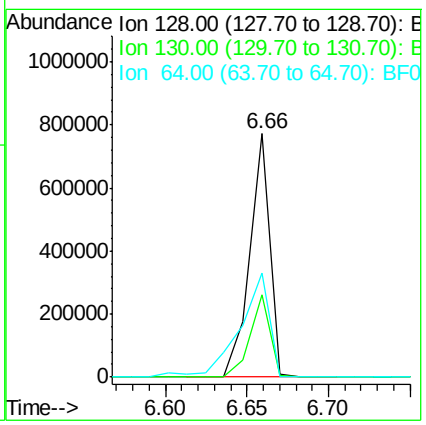
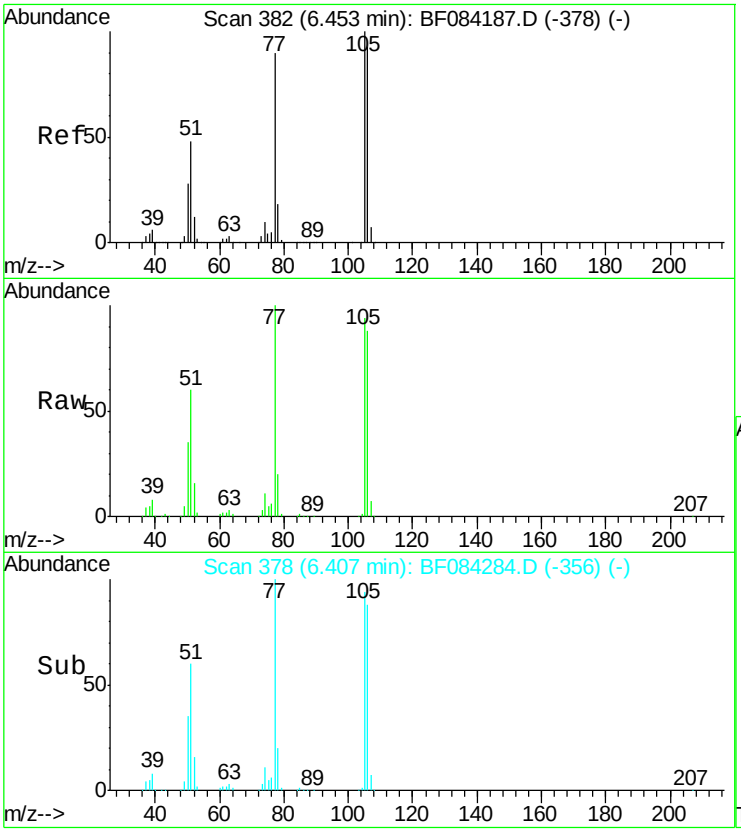


#8
2-Chlorophenol
Concen: 36.21 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:128 Resp: 661223

Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.6	51.6
64	42.8	23.8	63.8

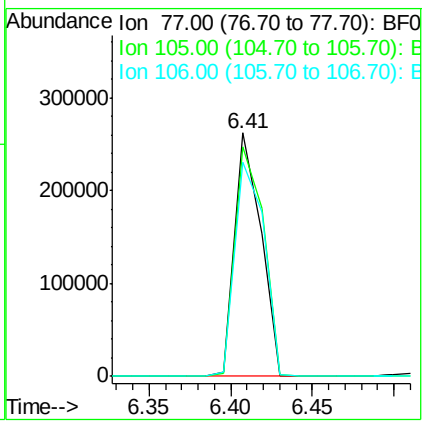




#9
Benzaldehyde
Concen: 22.02 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.04 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 77 Resp: 289817

Ion	Ratio	Lower	Upper
77	100		
105	94.1	83.0	123.0
106	87.9	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Manual Integrations APPROVED
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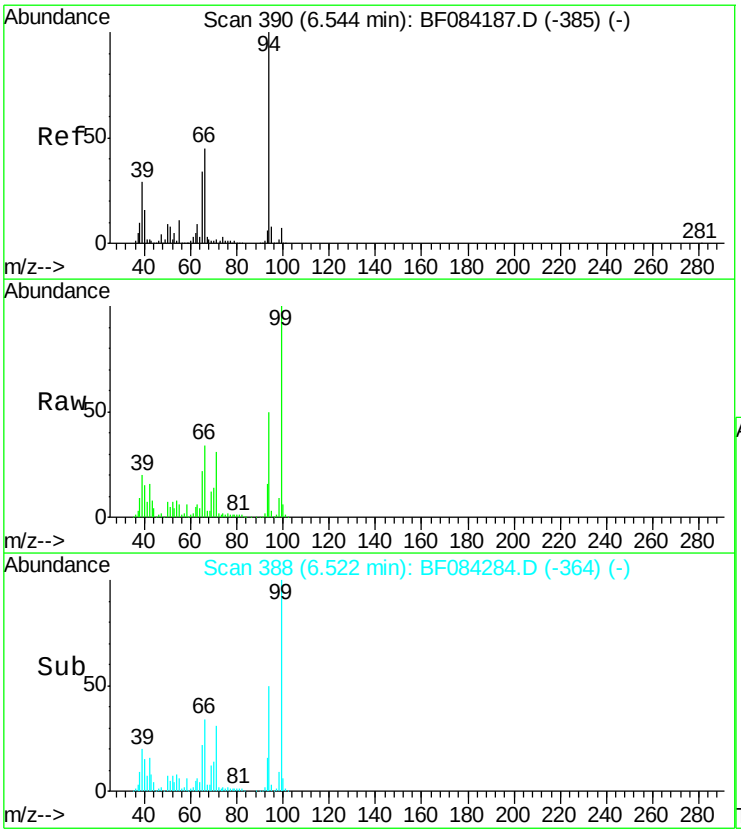
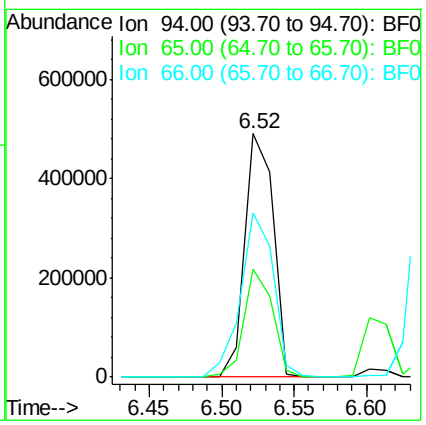
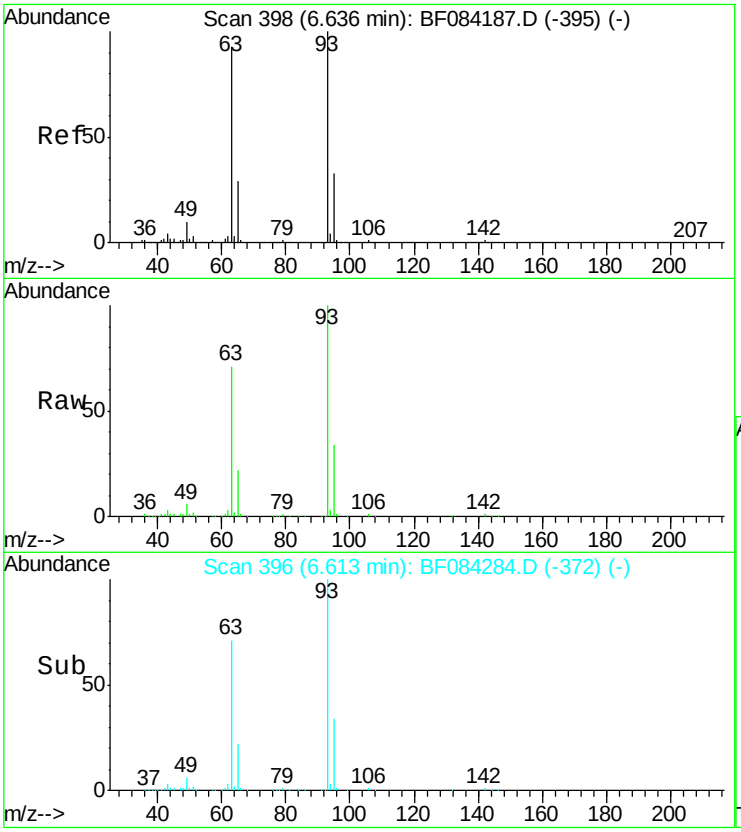


#10
Phenol
Concen: 29.01 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 94 Resp: 666826

Ion	Ratio	Lower	Upper
94	100		
65	44.2	12.9	52.9
66	67.4	32.7	72.7

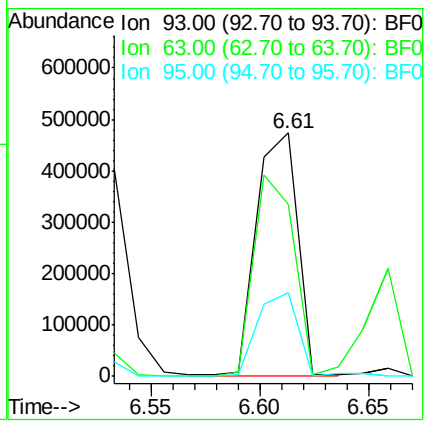




#11
bis(2-Chloroethyl)ether
Concen: 35.27 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 93 Resp: 627971

Ion	Ratio	Lower	Upper
93	100		
63	70.6	45.9	85.9
95	34.1	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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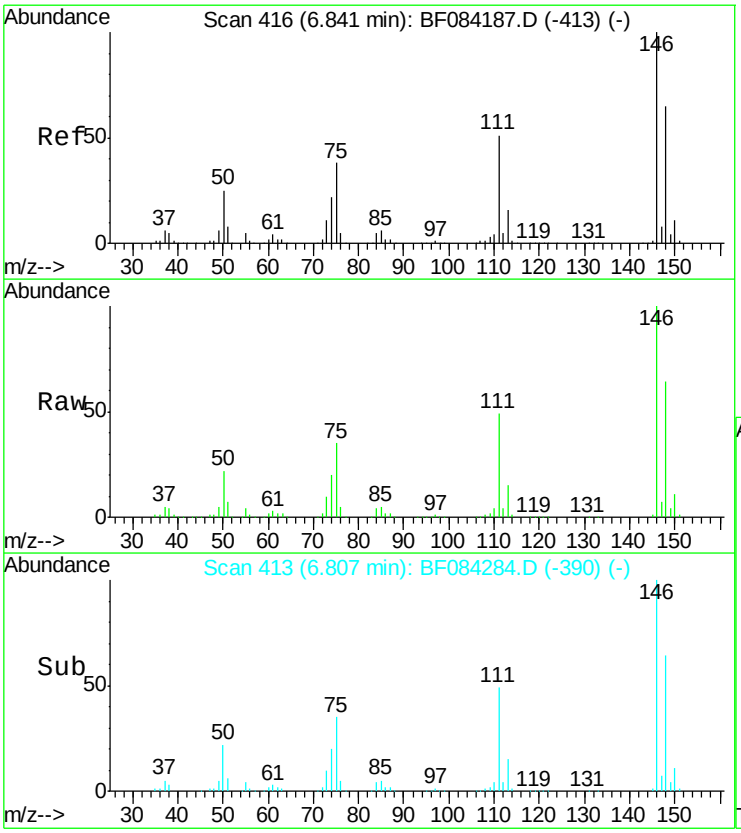
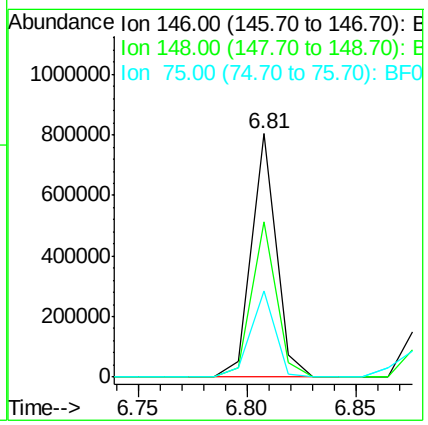
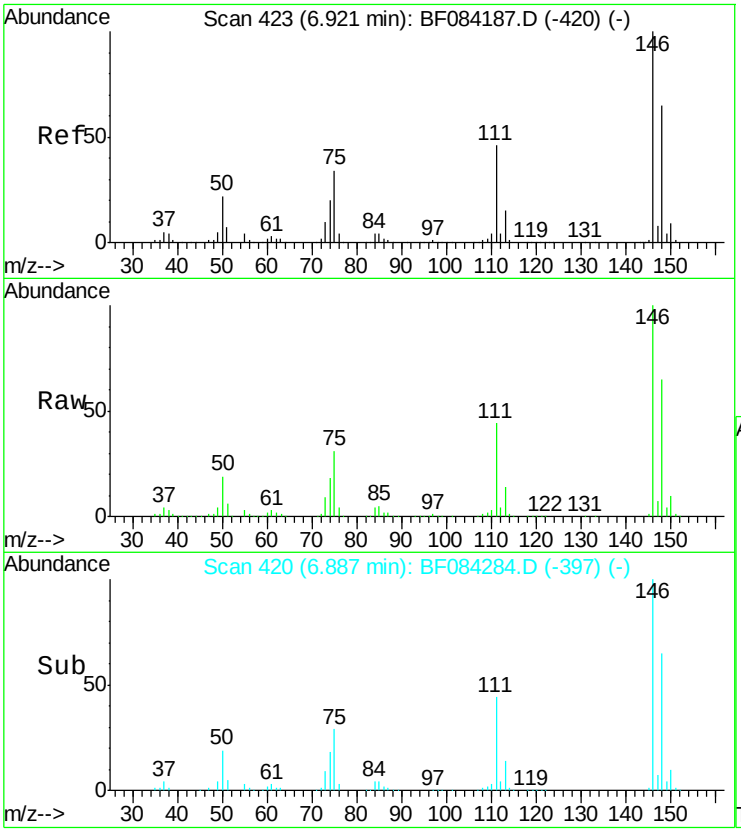


#12
1,3-Dichlorobenzene
Concen: 33.83 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:146 Resp: 637189

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	35.4	20.5	30.7#

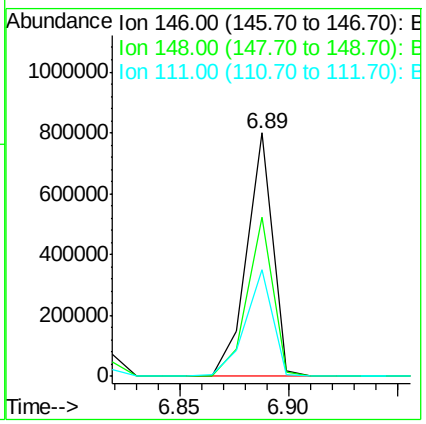




#13
1,4-Dichlorobenzene
Concen: 35.14 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:146 Resp: 663777

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	43.8	41.6	62.4



Instrument :
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ClientSampleId :
PJ-SB-4-21.0-21.5MS

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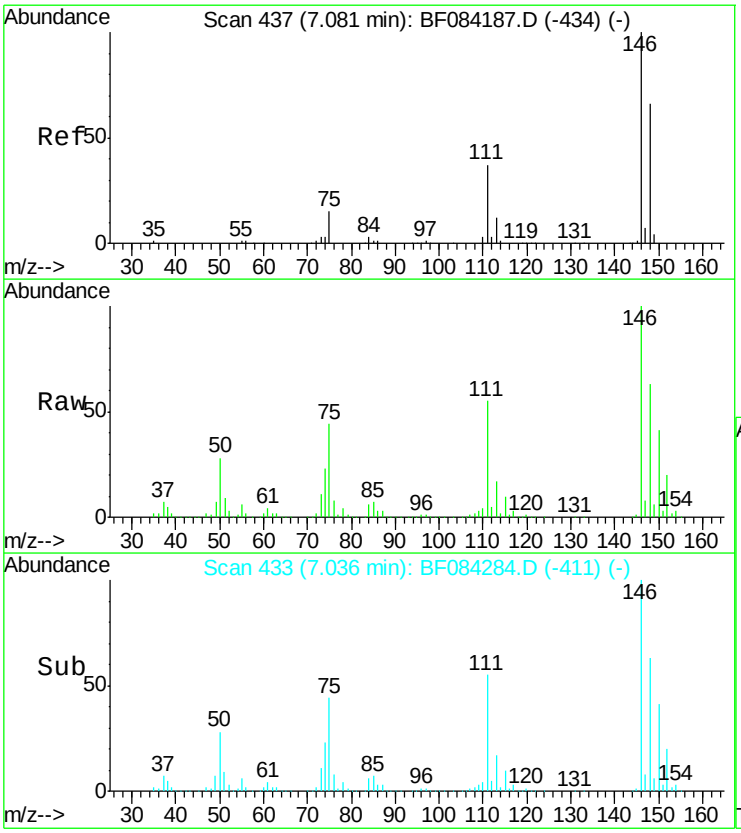
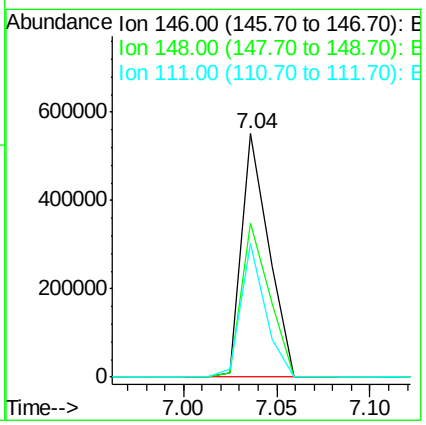
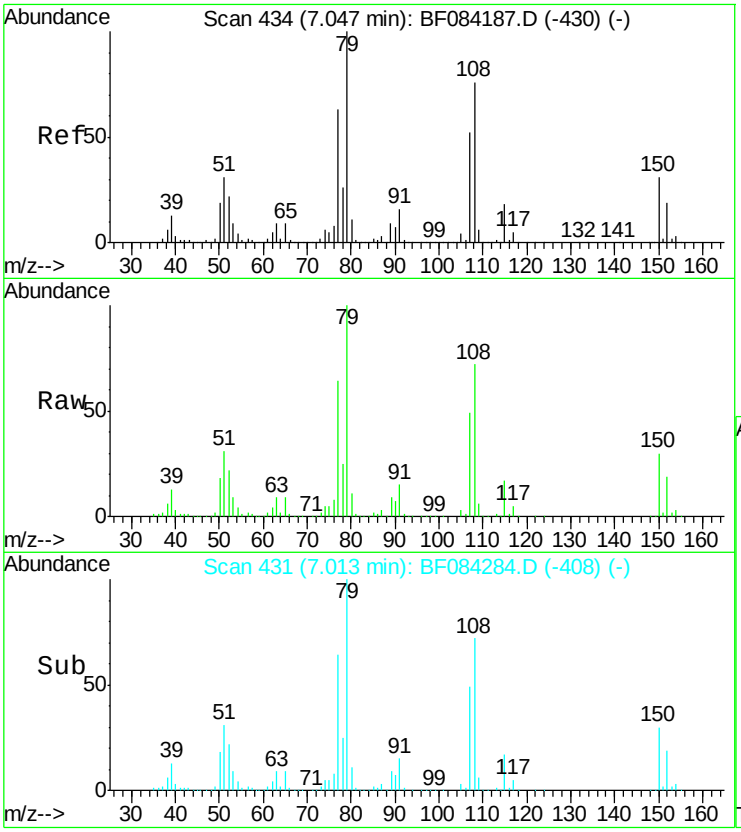


#14
1,2-Dichlorobenzene
Concen: 30.82 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:146 Resp: 557505

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	54.8	38.0	57.0

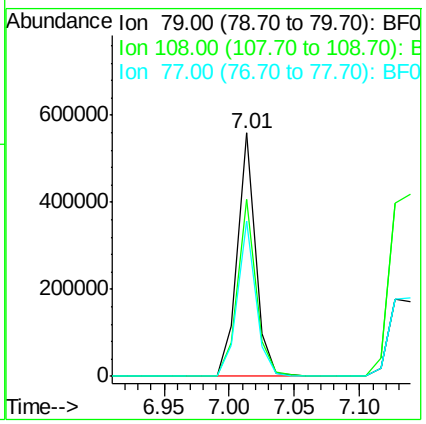




#15
Benzyl Alcohol
Concen: 31.79 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 79 Resp: 540512

Ion	Ratio	Lower	Upper
79	100		
108	72.5	69.0	103.4
77	63.9	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
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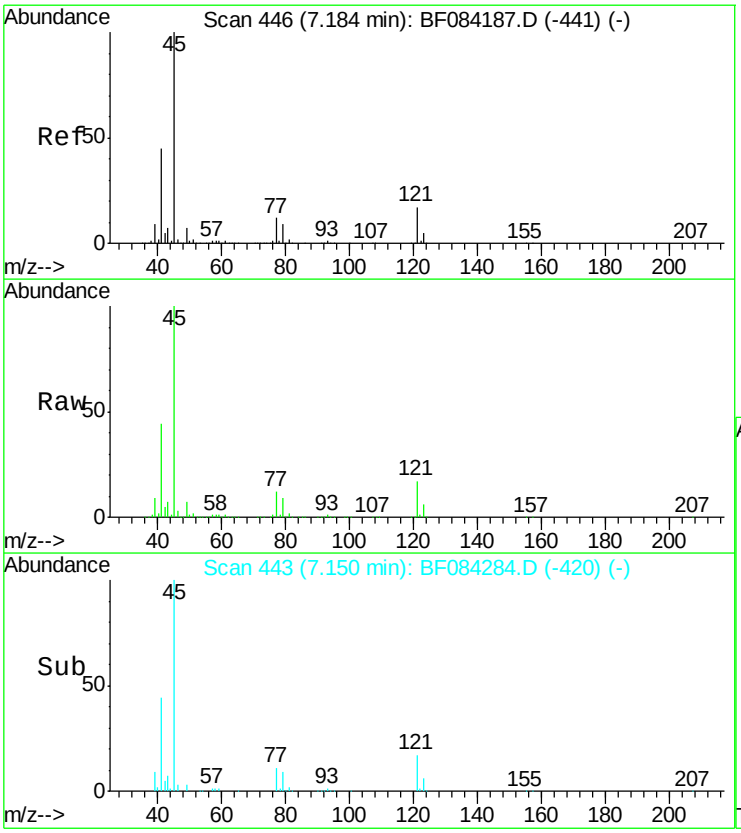
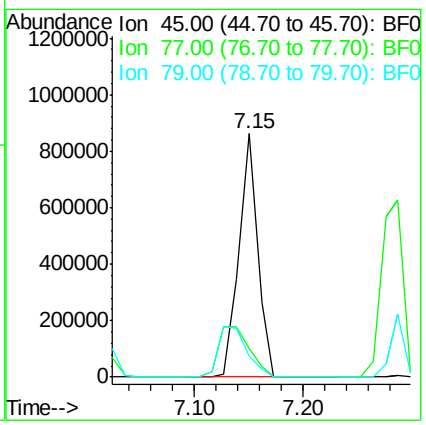
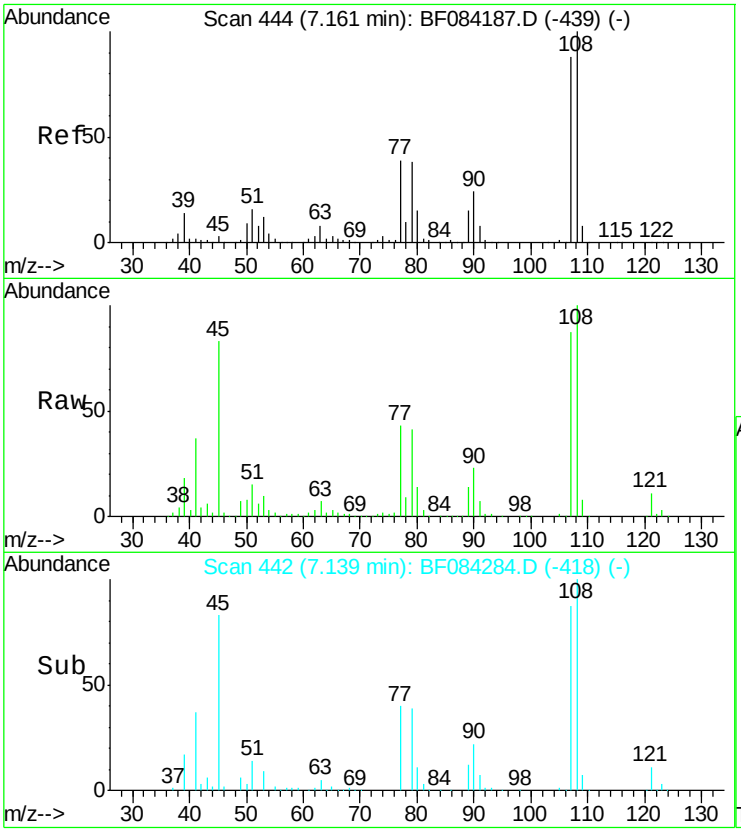


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.43 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 45 Resp: 1018930

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	39.6
79	8.8	0.0	35.0

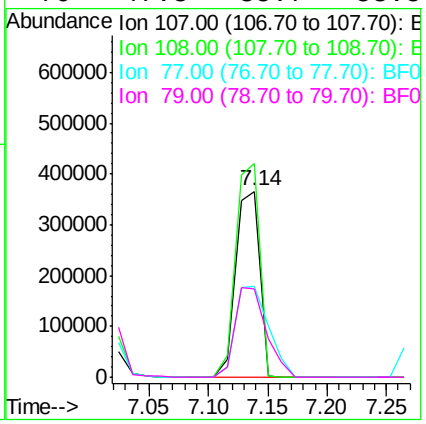




#17
2-Methylphenol
Concen: 33.82 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:107 Resp: 517656

Ion	Ratio	Lower	Upper
107	100		
108	114.8	89.8	134.6
77	49.2	35.7	53.5
79	47.3	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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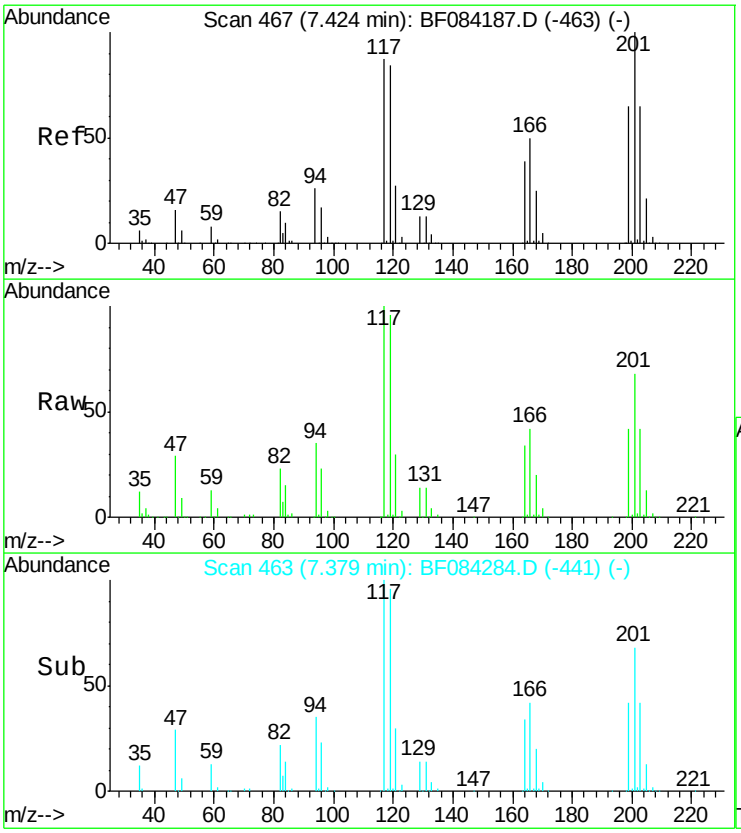
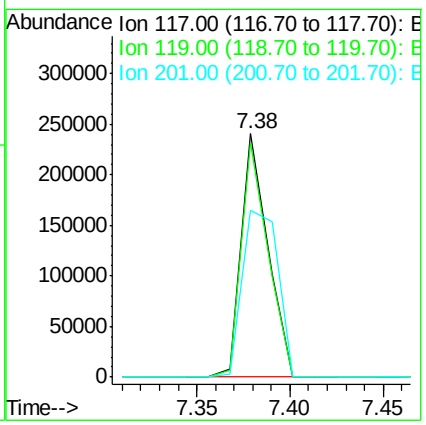
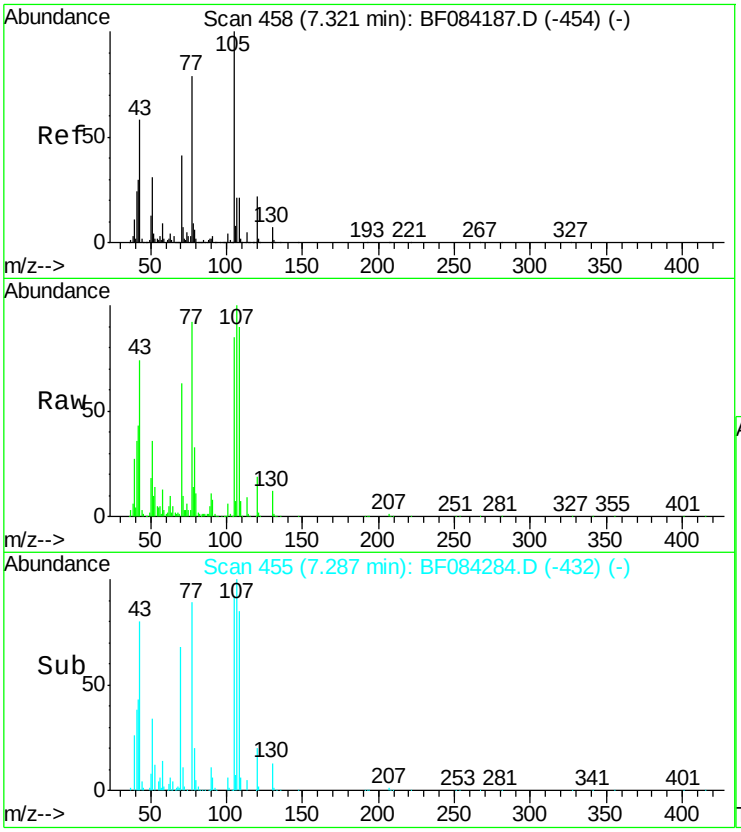


#18
Hexachloroethane
Concen: 31.80 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:117 Resp: 240201

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	68.3	68.6	103.0#

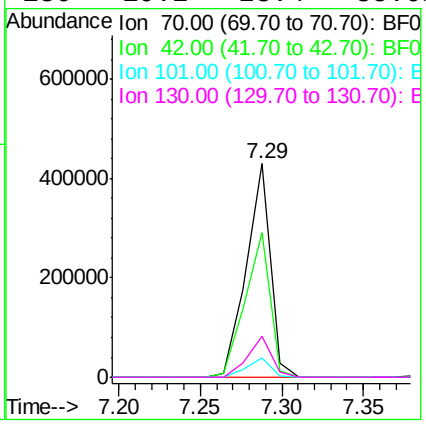




#19
n-Nitroso-di-n-propylamine
Concen: 32.17 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 70 Resp: 440232

Ion	Ratio	Lower	Upper
70	100		
42	67.6	33.3	49.9#
101	9.2	9.3	13.9#
130	19.2	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
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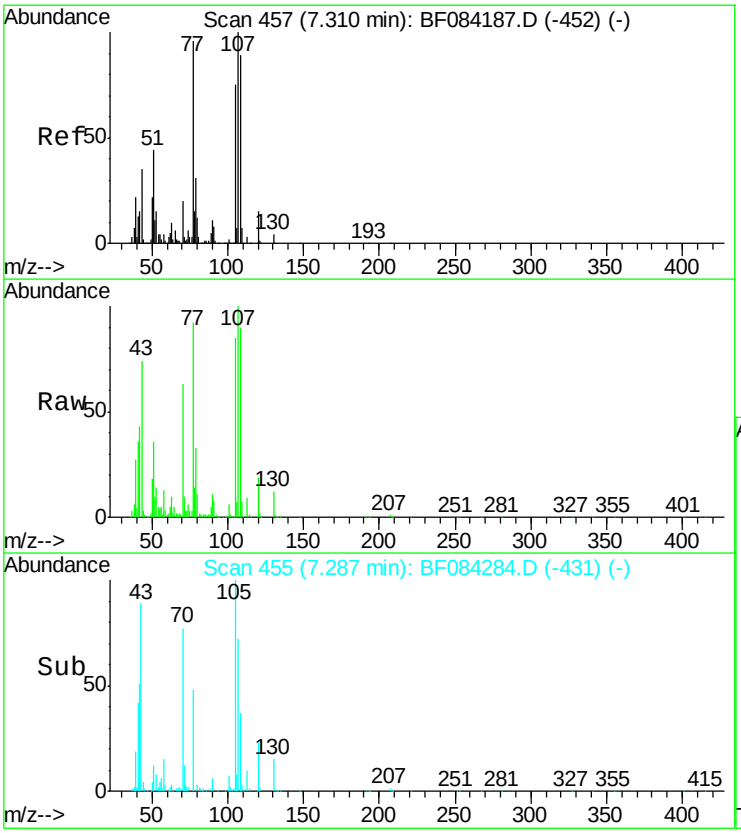
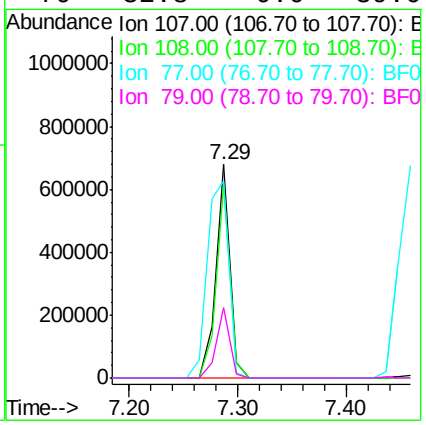
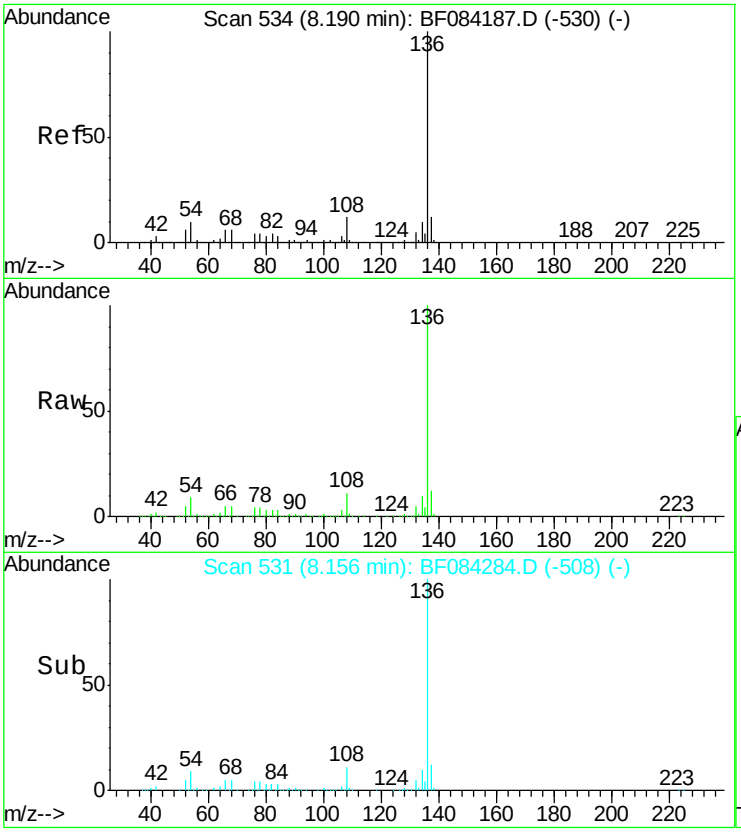


#20
3+4-Methylphenols
Concen: 34.20 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:107 Resp: 615271

Ion	Ratio	Lower	Upper
107	100		
108	90.4	74.6	114.6
77	92.4	0.7	40.7#
79	32.8	0.0	39.0

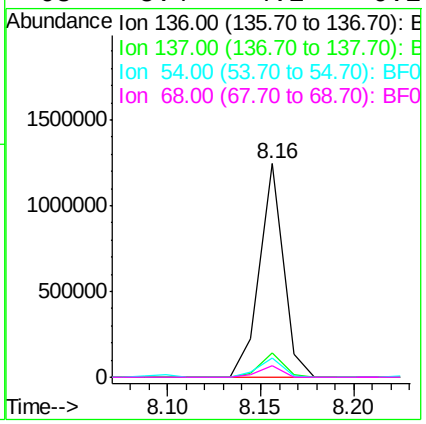




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:136 Resp: 1103343

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.3	5.8	8.8#
68	5.4	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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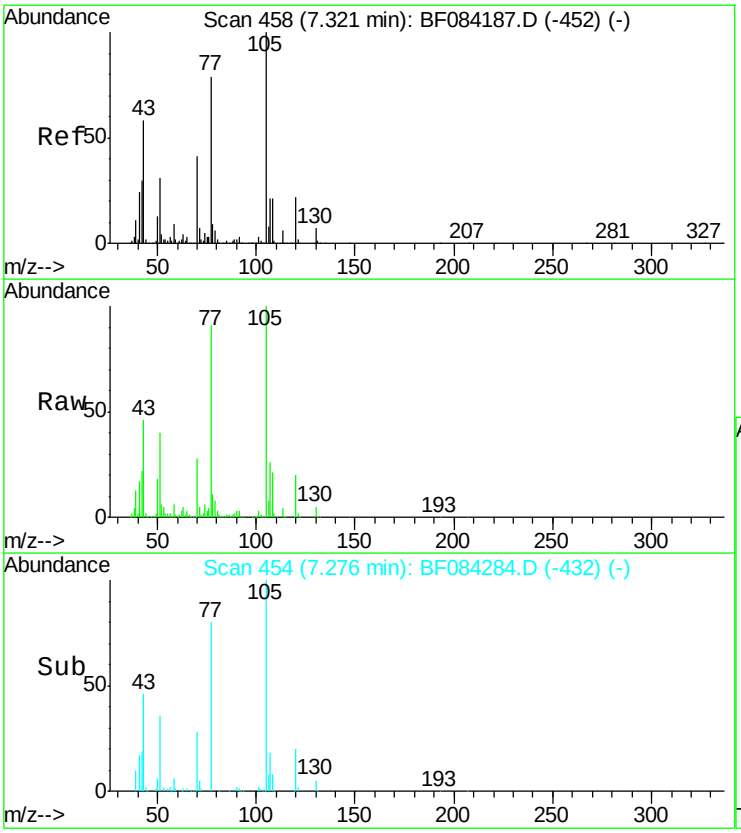
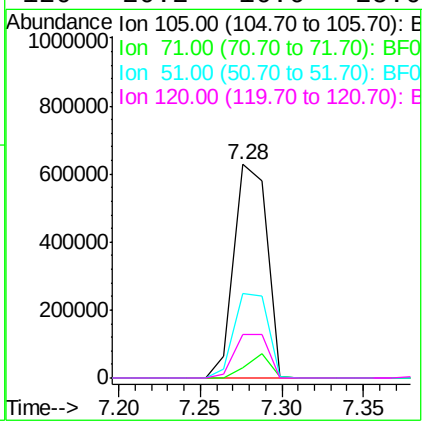
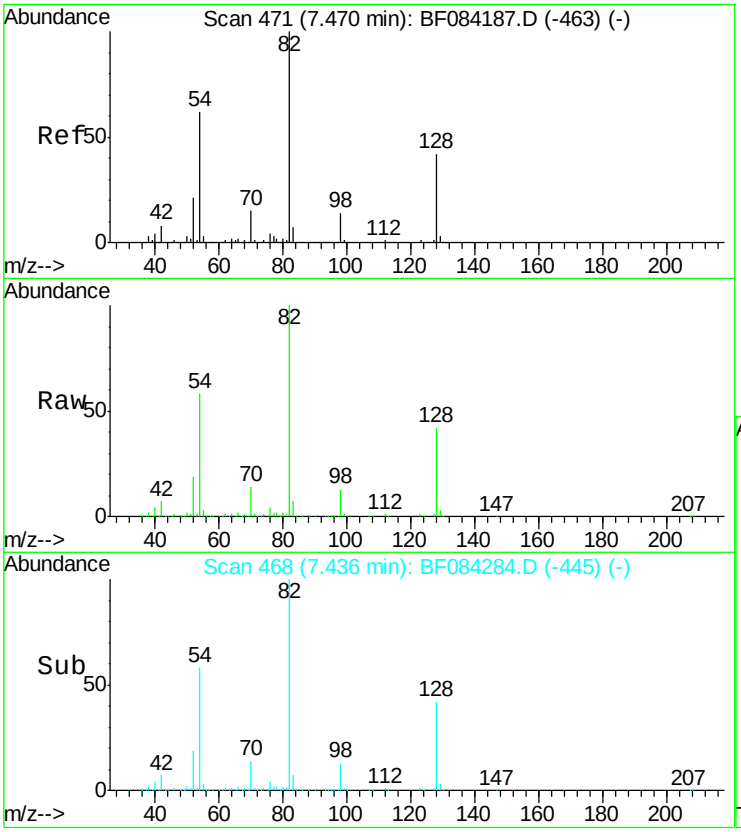


#22
Acetophenone
Concen: 32.99 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:105 Resp: 875173

Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.7	5.5
51	39.7	25.1	37.7#
120	20.2	16.6	25.0

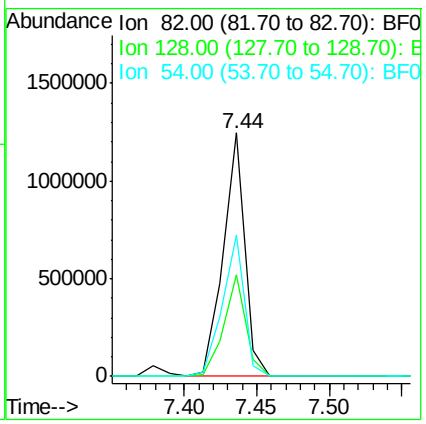




#23
Nitrobenzene-d5
Concen: 65.04 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 82 Resp: 1289336

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	58.2	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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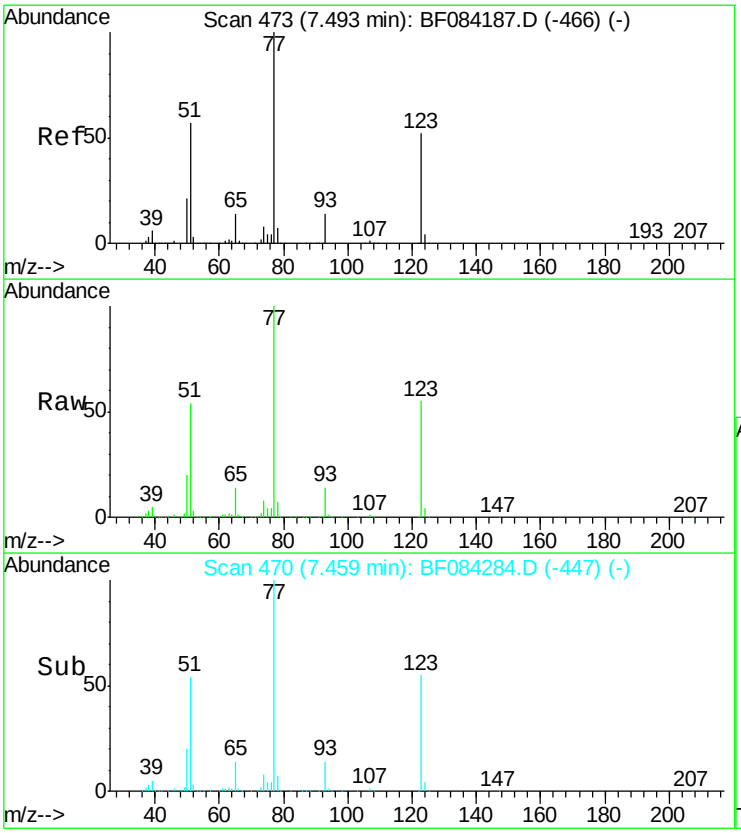
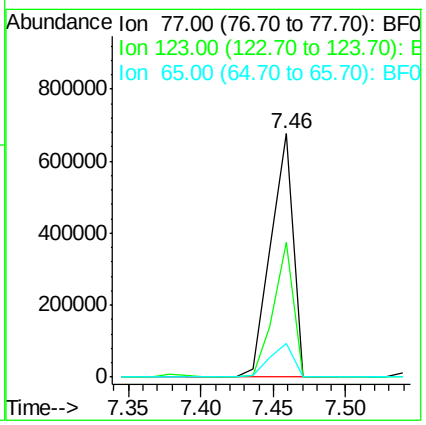
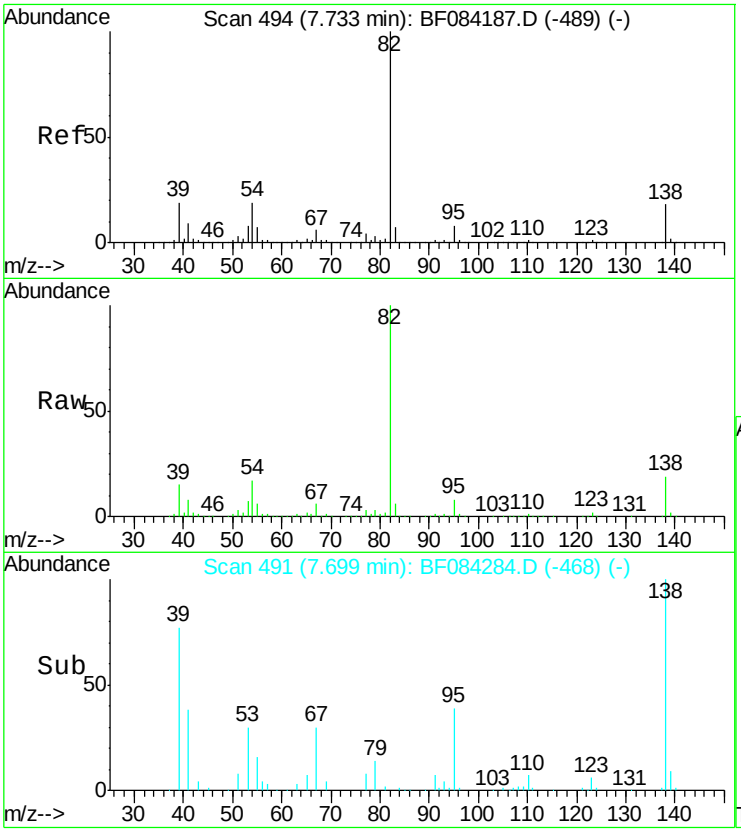


#24
Nitrobenzene
Concen: 36.05 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 77 Resp: 724858

Ion	Ratio	Lower	Upper
77	100		
123	55.5	37.4	56.2
65	13.7	10.9	16.3

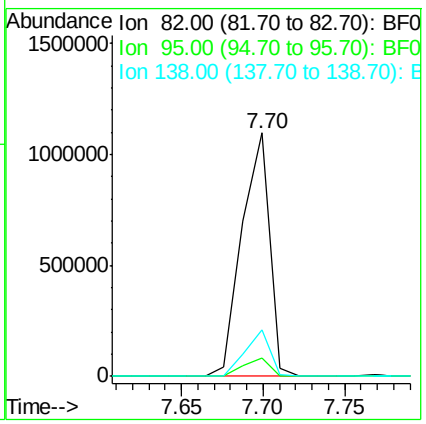




#25
Isophorone
Concen: 33.83 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 82 Resp: 1282776

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.6	10.0
138	19.3	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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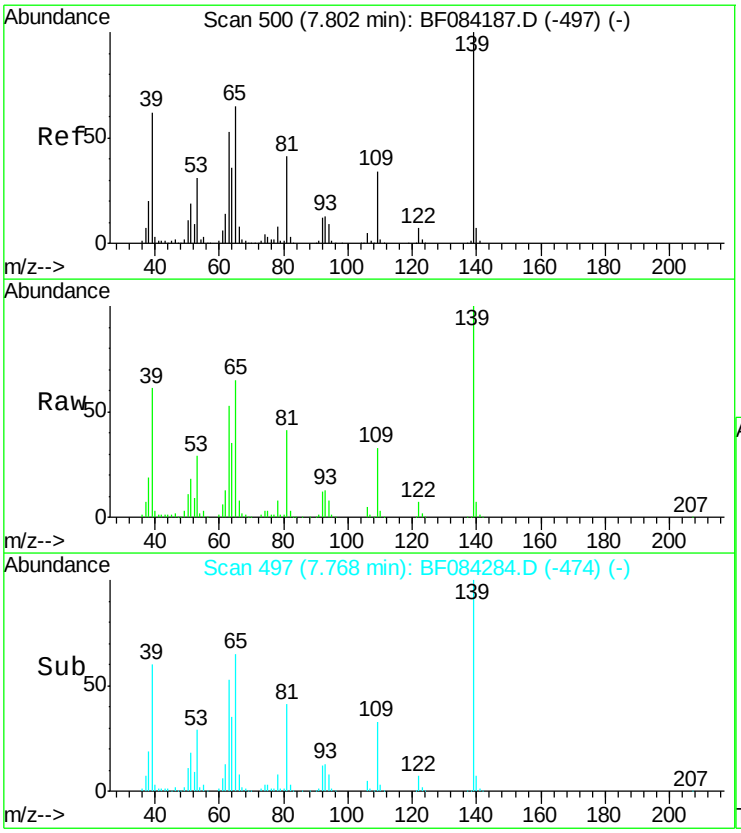
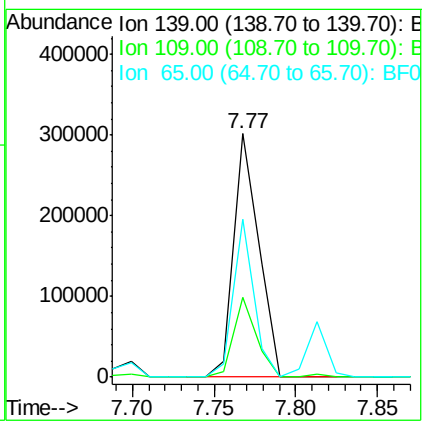
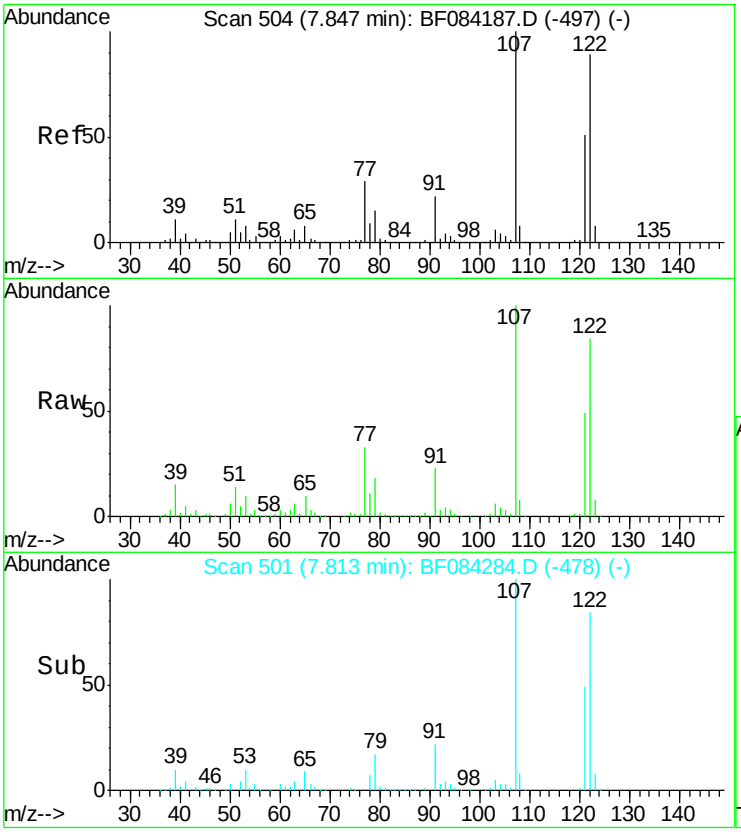


#26
2-Nitrophenol
Concen: 34.63 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:139 Resp: 316906

Ion	Ratio	Lower	Upper
139	100		
109	33.0	25.4	38.2
65	64.8	32.3	48.5#

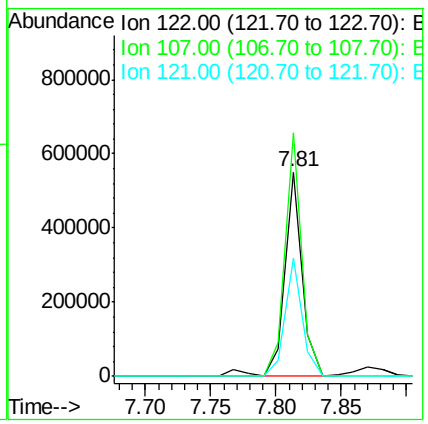




#27
2,4-Dimethylphenol
Concen: 28.59 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:122 Resp: 529580

Ion	Ratio	Lower	Upper
122	100		
107	119.1	99.1	148.7
121	57.8	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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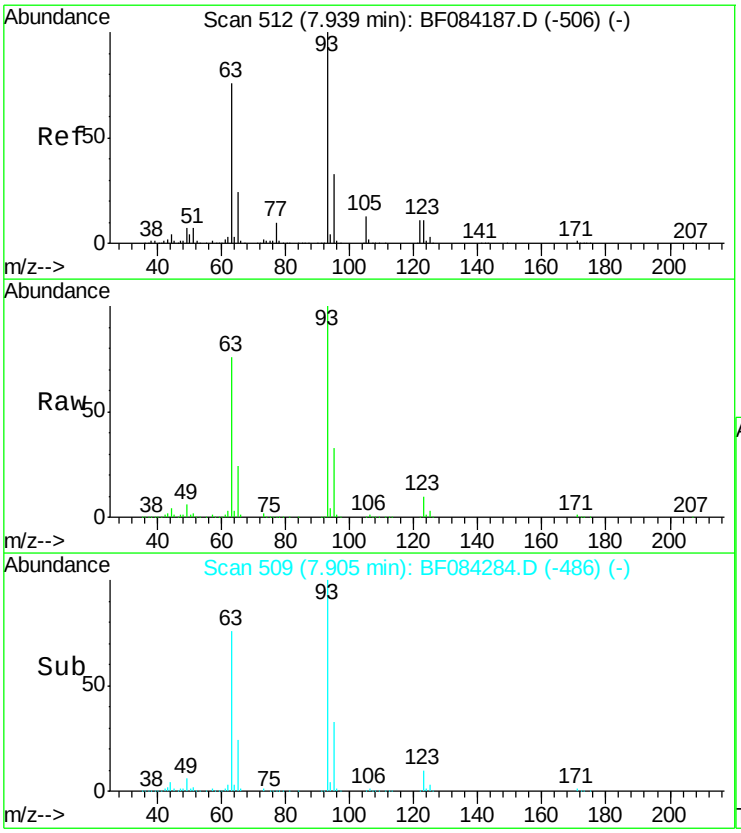
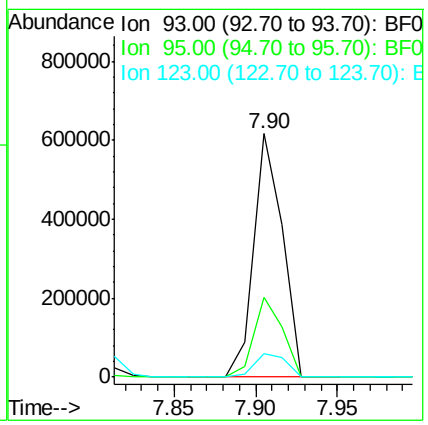
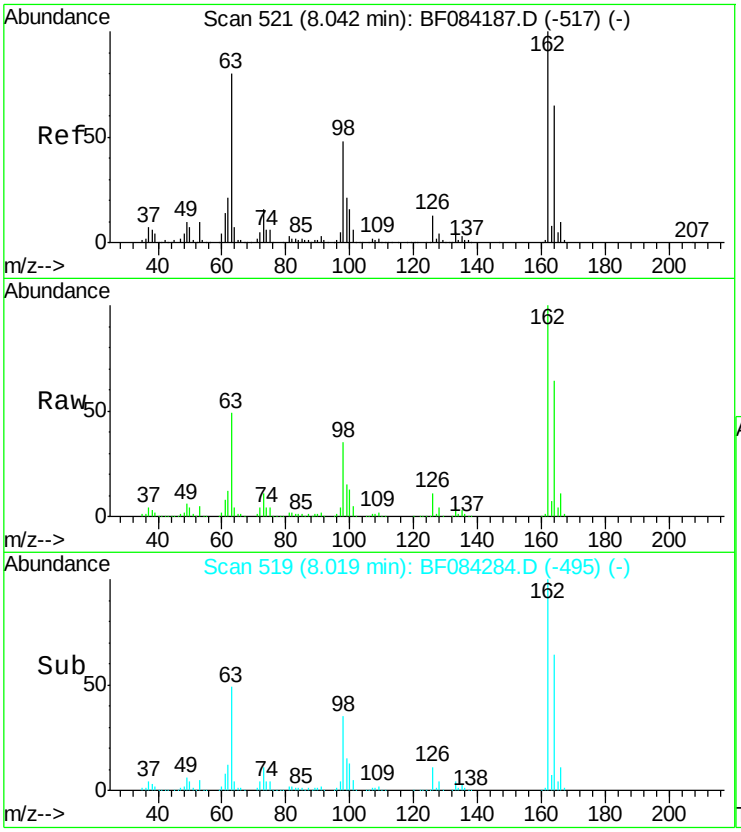


#28
bis(2-Chloroethoxy)methane
Concen: 32.30 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 93 Resp: 748055

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.6
123	9.7	8.6	12.8

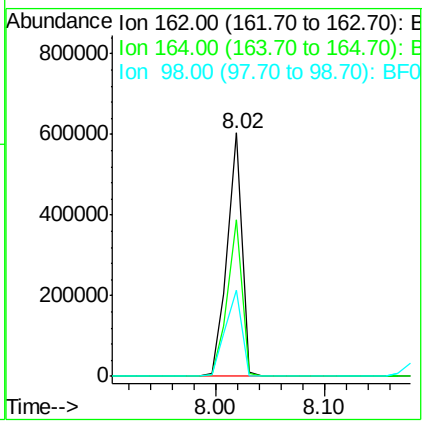




#29
2,4-Dichlorophenol
Concen: 36.80 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:162 Resp: 567759

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	35.4	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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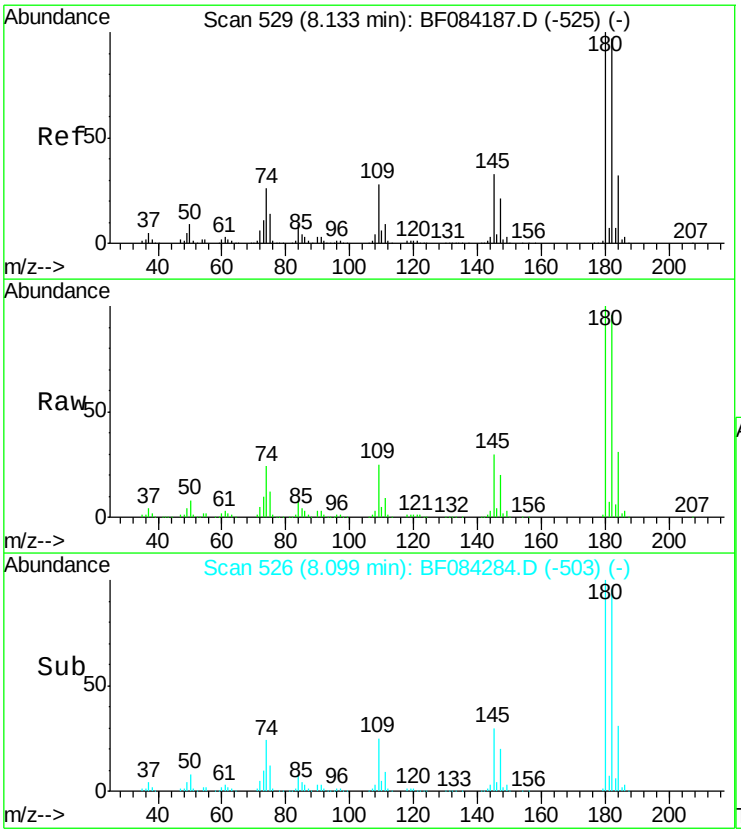
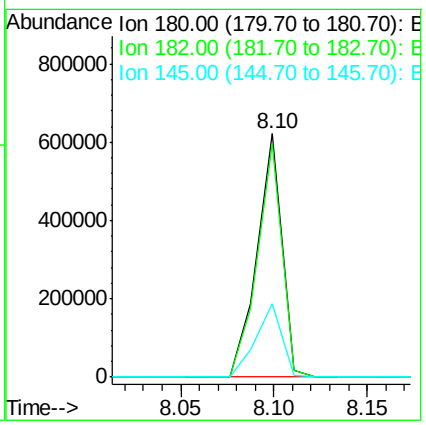
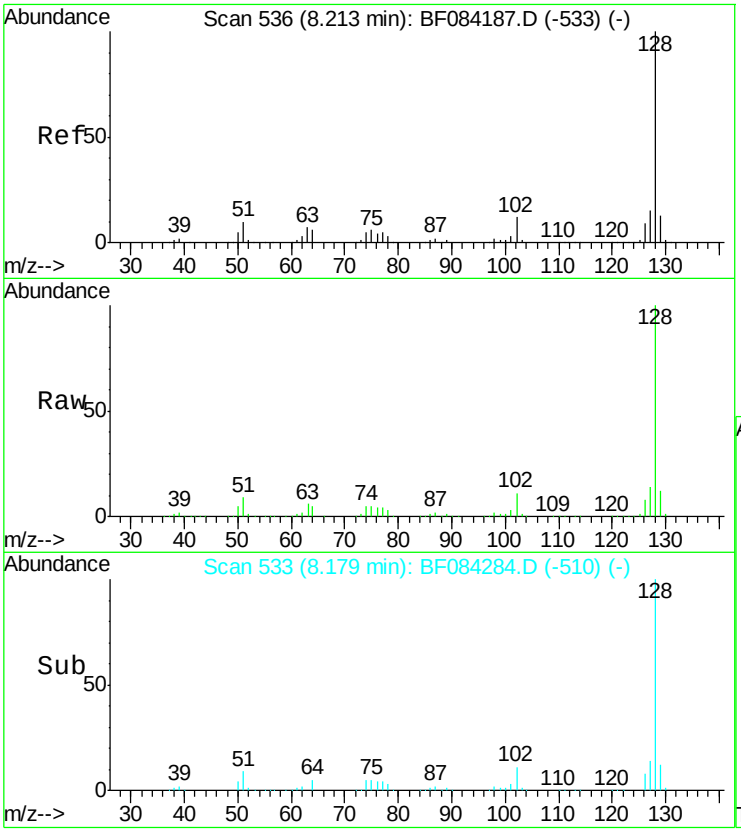


#30
1,2,4-Trichlorobenzene
Concen: 35.68 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:180 Resp: 568287

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.2	31.6	47.4#

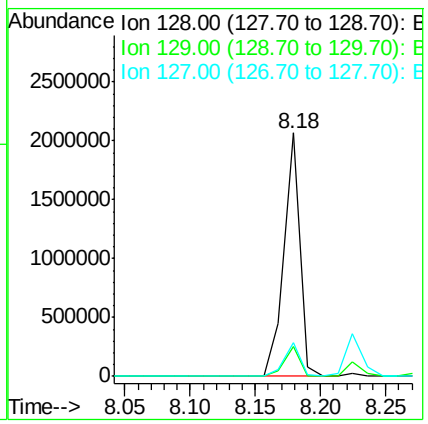




#31
Naphthalene
Concen: 35.68 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:128 Resp: 1786215

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.0	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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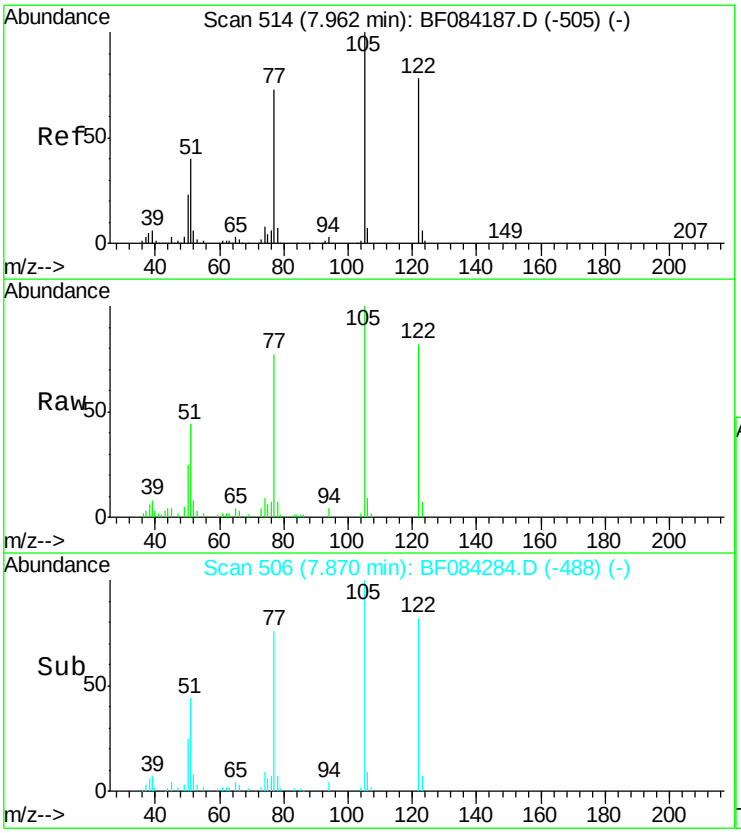
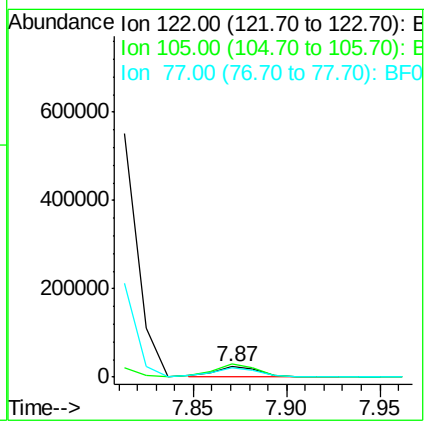
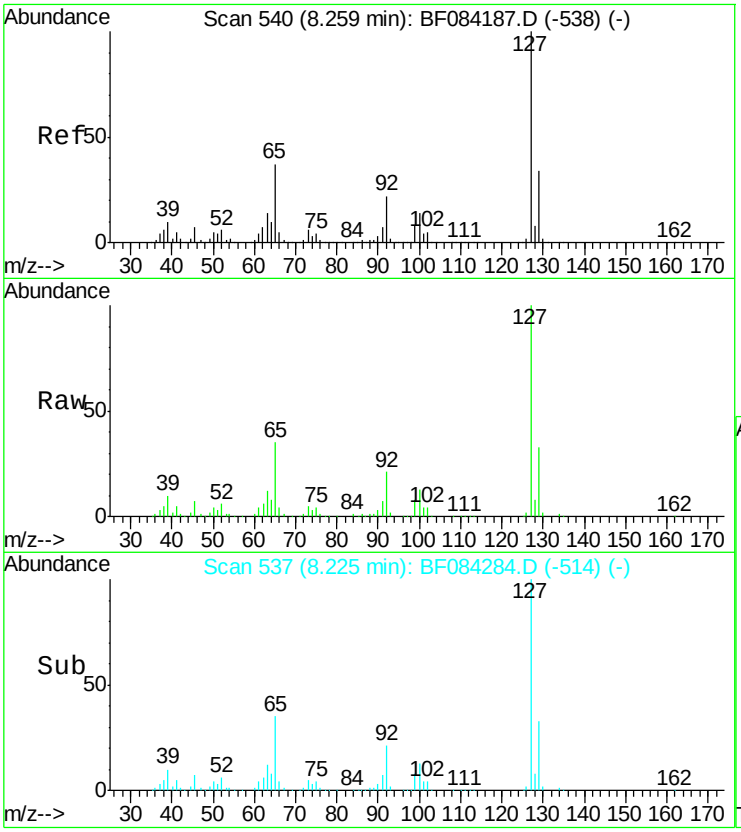


#32
Benzoic acid
Concen: 9.01 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:122 Resp: 37860

Ion	Ratio	Lower	Upper
122	100		
105	122.6	100.3	140.3
77	94.6	63.5	103.5

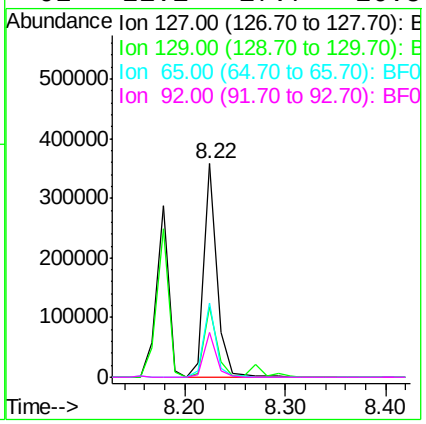




#33
4-Chloroaniline
Concen: 14.26 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:127 Resp: 327302

Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	34.8	27.2	40.8
92	21.1	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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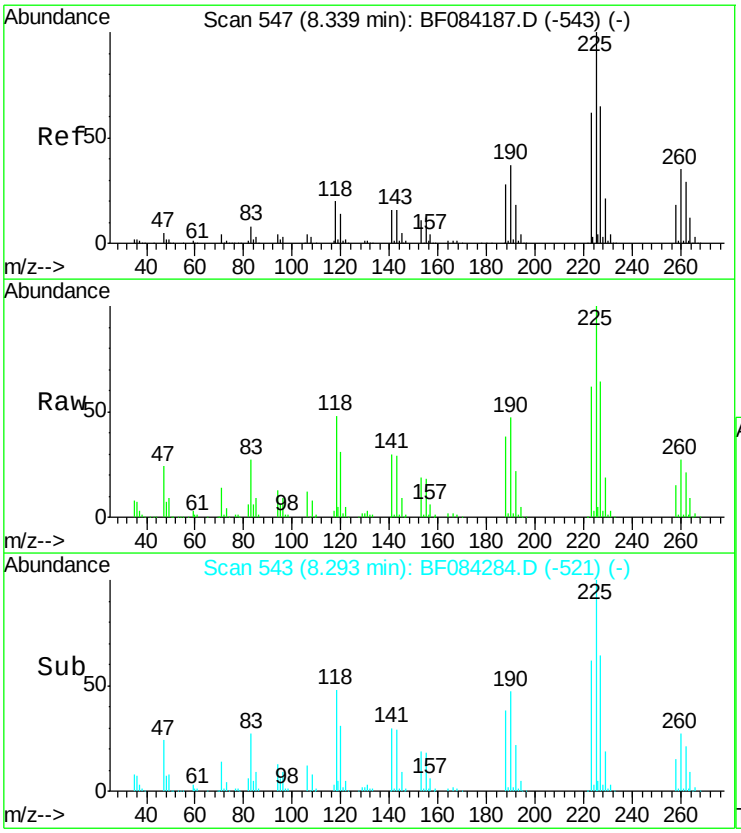
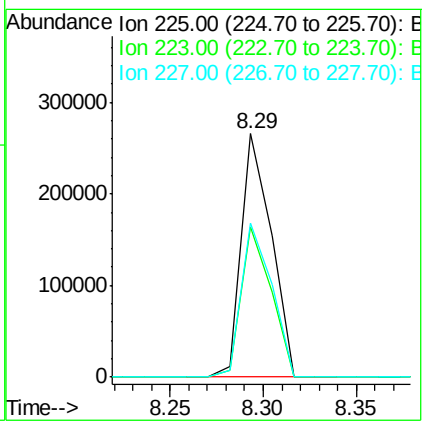
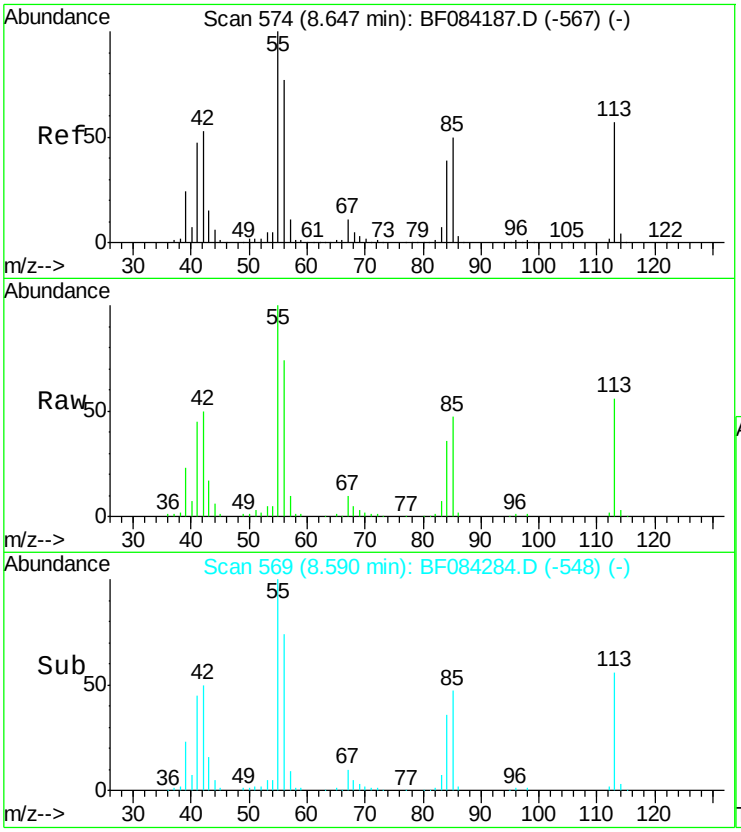


#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:225 Resp: 295421

Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	63.5	50.8	76.2

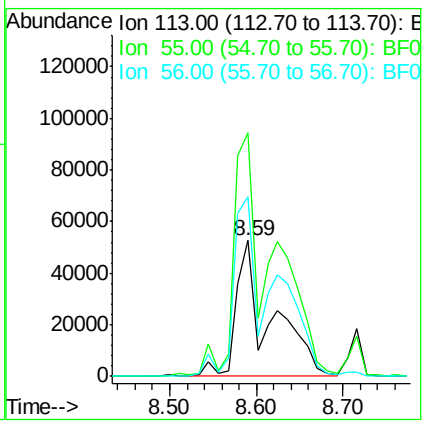




#35
Caprolactam
Concen: 27.48 ng m
RT: 8.59 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:113 Resp: 142927

Ion	Ratio	Lower	Upper
113	100		
55	179.4	116.9	156.9#
56	132.1	93.8	133.8



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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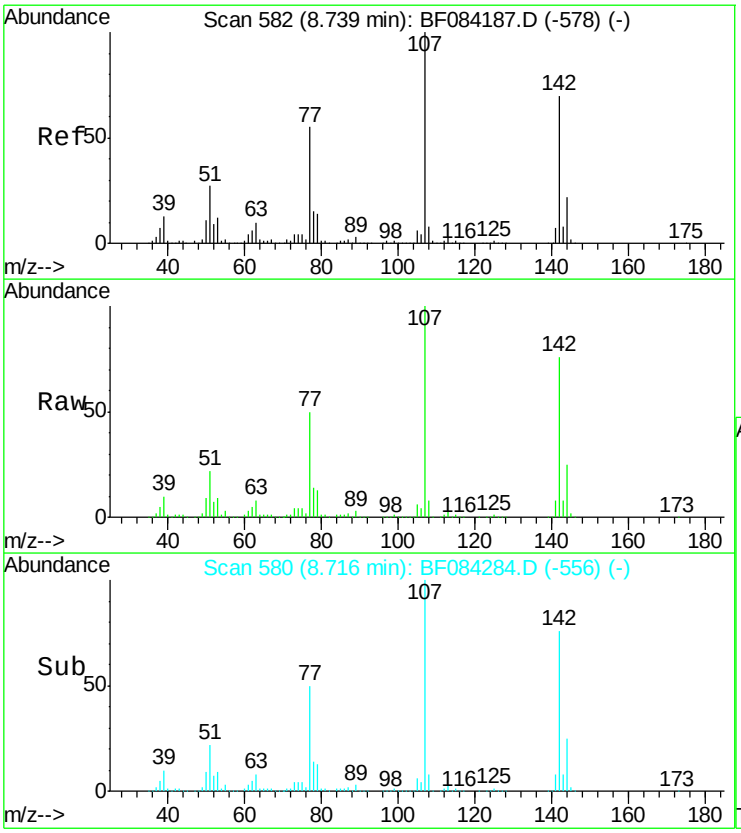
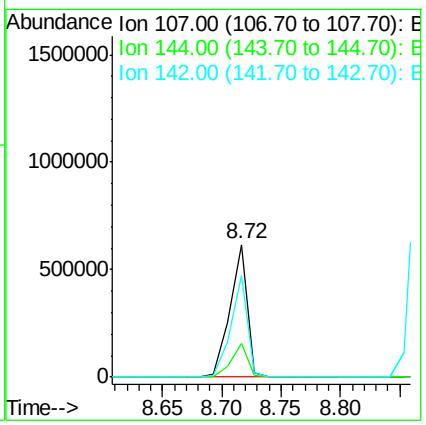
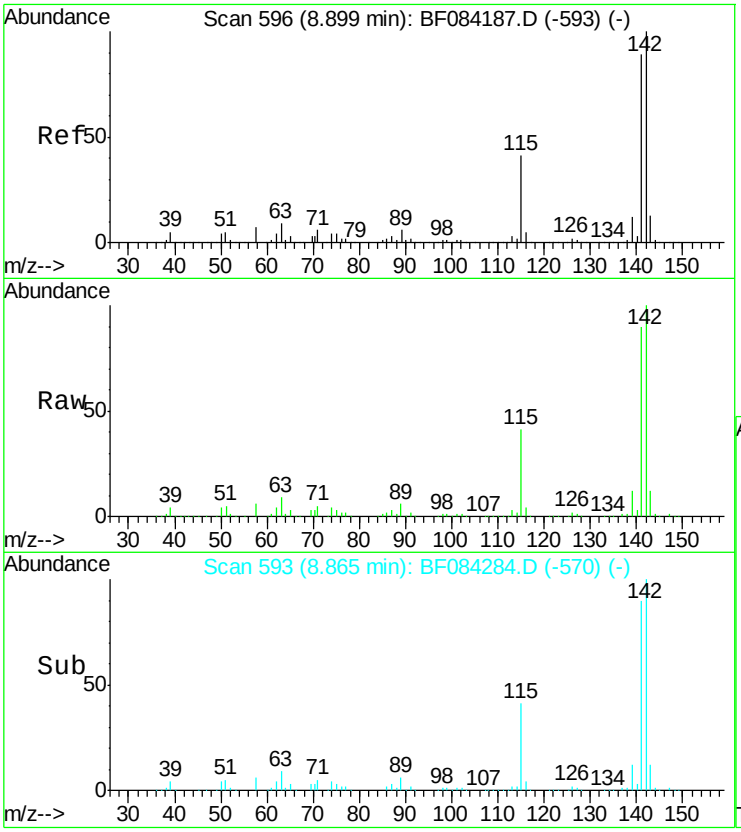


#36
4-Chloro-3-methylphenol
Concen: 35.91 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:107 Resp: 620632

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.7	29.5
142	76.2	61.8	92.6

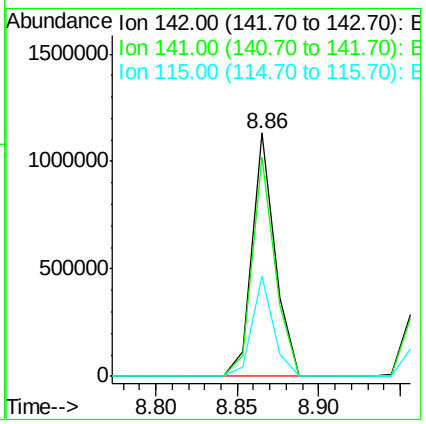




#37
2-Methylnaphthalene
Concen: 30.73 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:142 Resp: 1104176

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	41.0	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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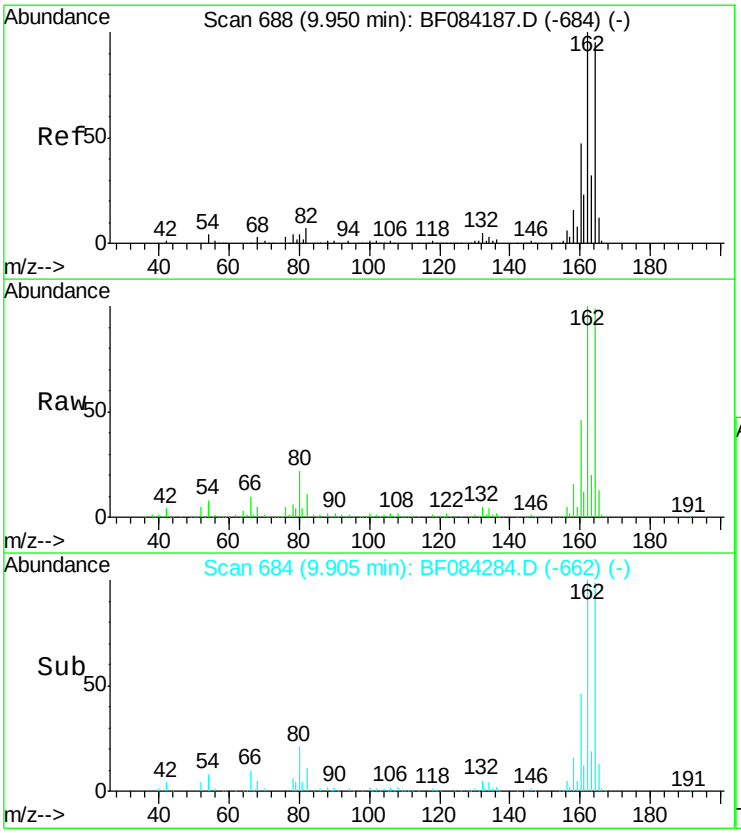
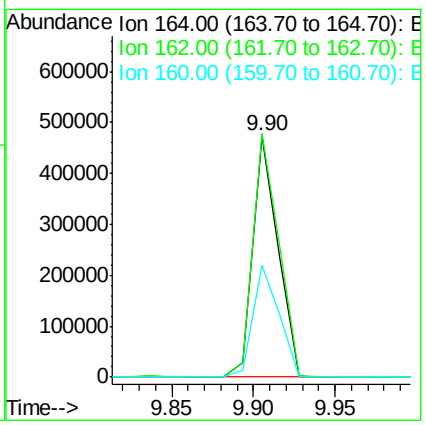
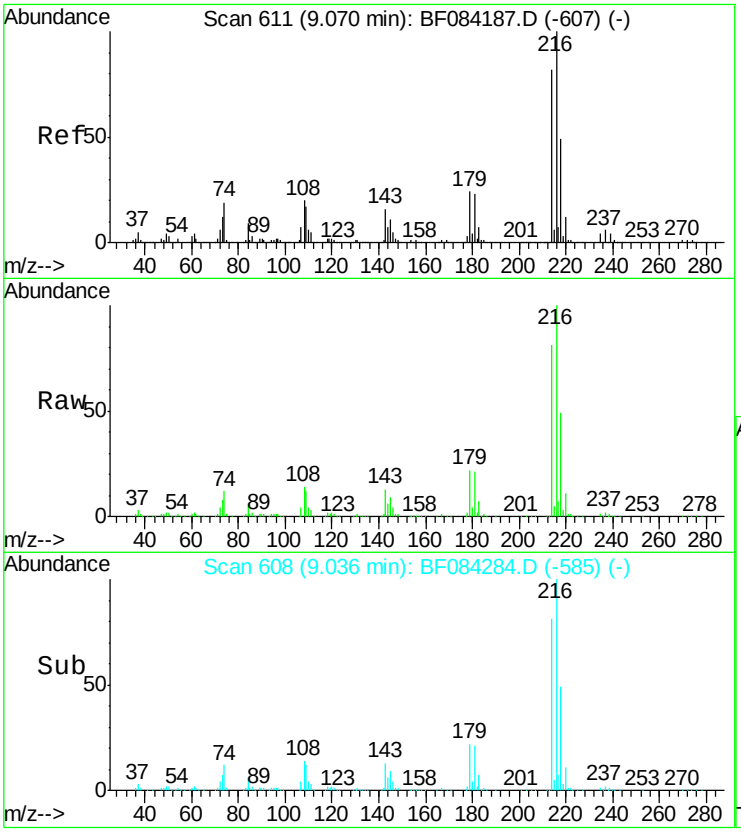


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:164 Resp: 504892

Ion	Ratio	Lower	Upper
164	100		
162	101.0	85.1	127.7
160	46.4	37.5	56.3

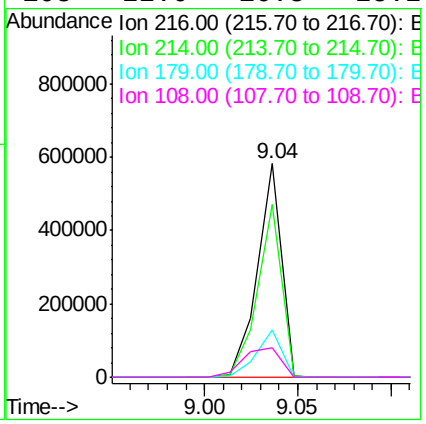




#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.63 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:216 Resp: 517158

Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.2	96.2
179	23.3	18.7	28.1
108	22.0	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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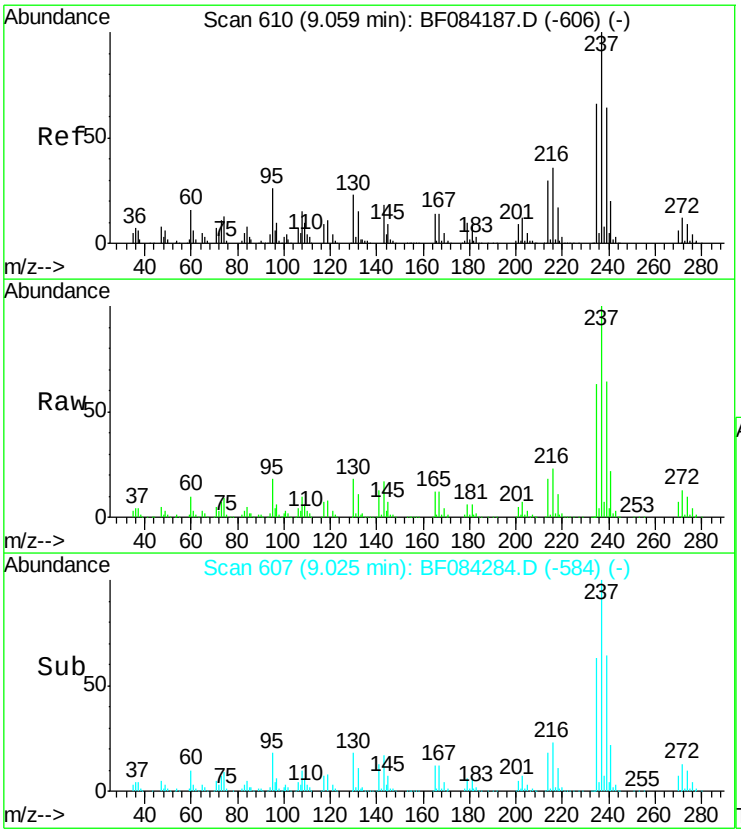
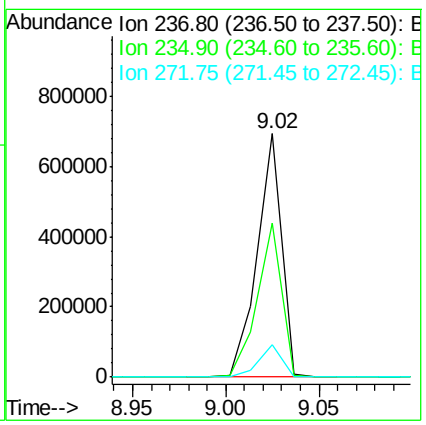
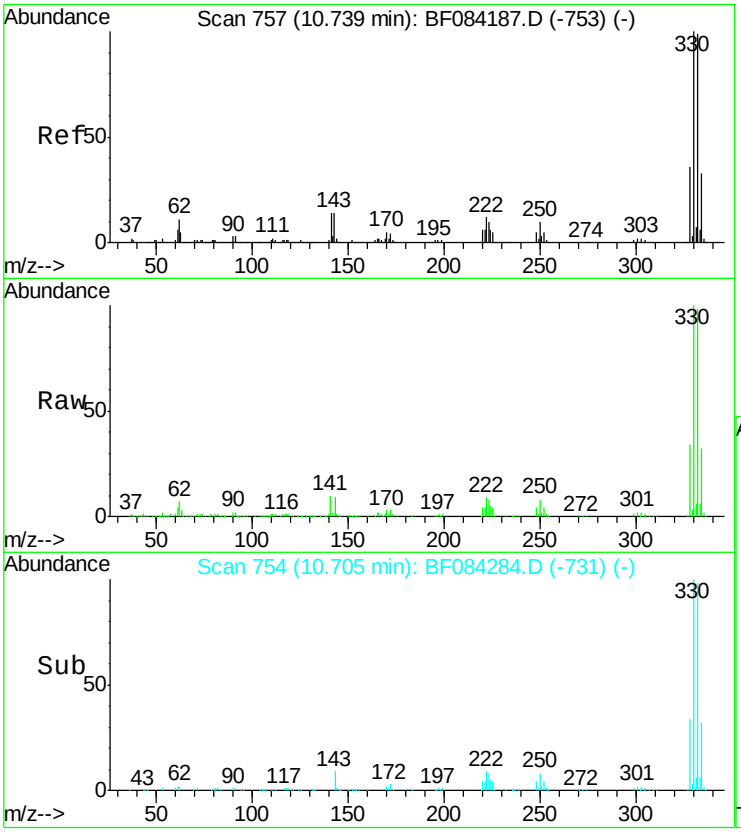


#40
Hexachlorocyclopentadiene
Concen: 71.28 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:237 Resp: 624572

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.1	83.1
272	13.4	0.0	35.1

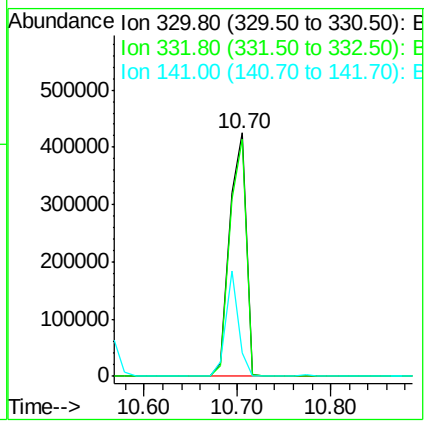




#41
2,4,6-Tribromophenol
Concen: 104.33 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:330 Resp: 531825

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	32.7	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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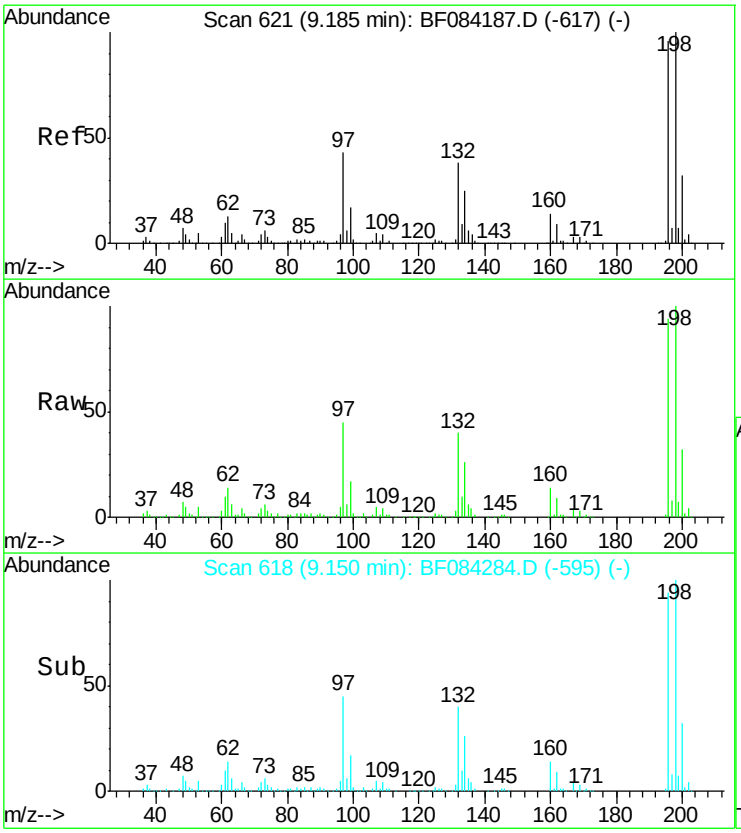
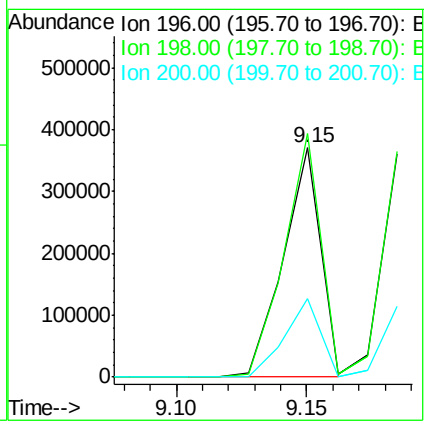
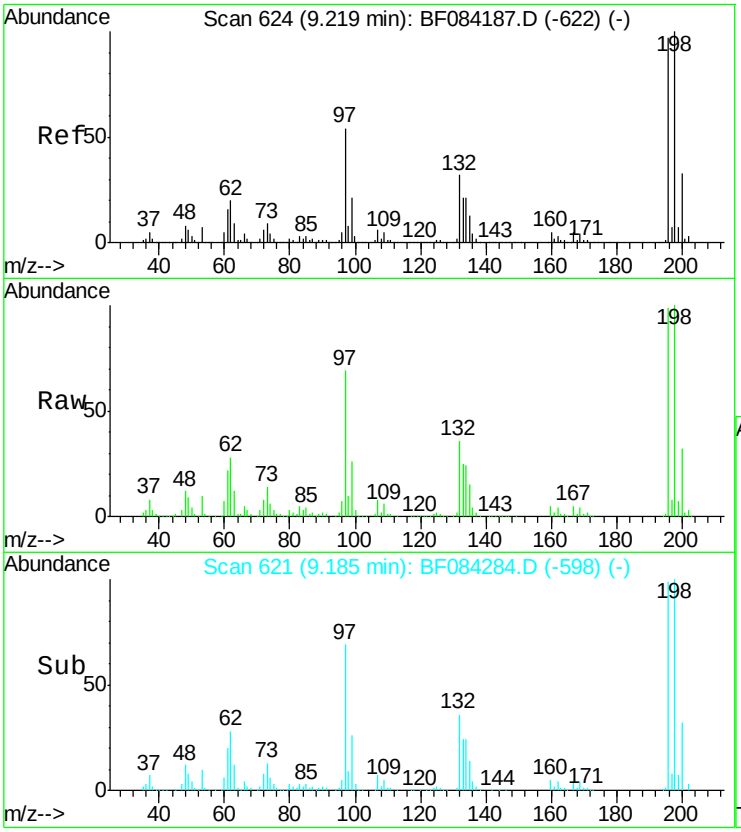


#42
2,4,6-Trichlorophenol
Concen: 33.84 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:196 Resp: 367460

Ion	Ratio	Lower	Upper
196	100		
198	106.3	77.7	116.5
200	34.1	24.6	37.0

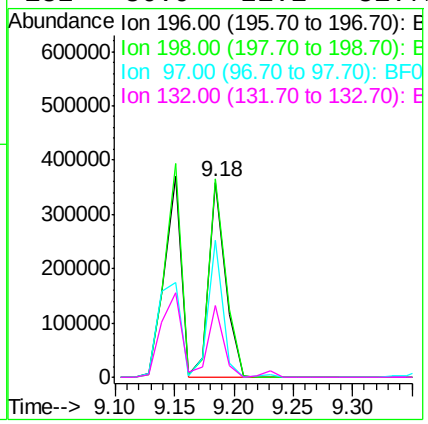




#43
2,4,5-Trichlorophenol
Concen: 34.12 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:196 Resp: 355169

Ion	Ratio	Lower	Upper
196	100		
198	101.5	79.0	118.6
97	70.4	33.0	49.6#
132	36.9	21.1	31.7#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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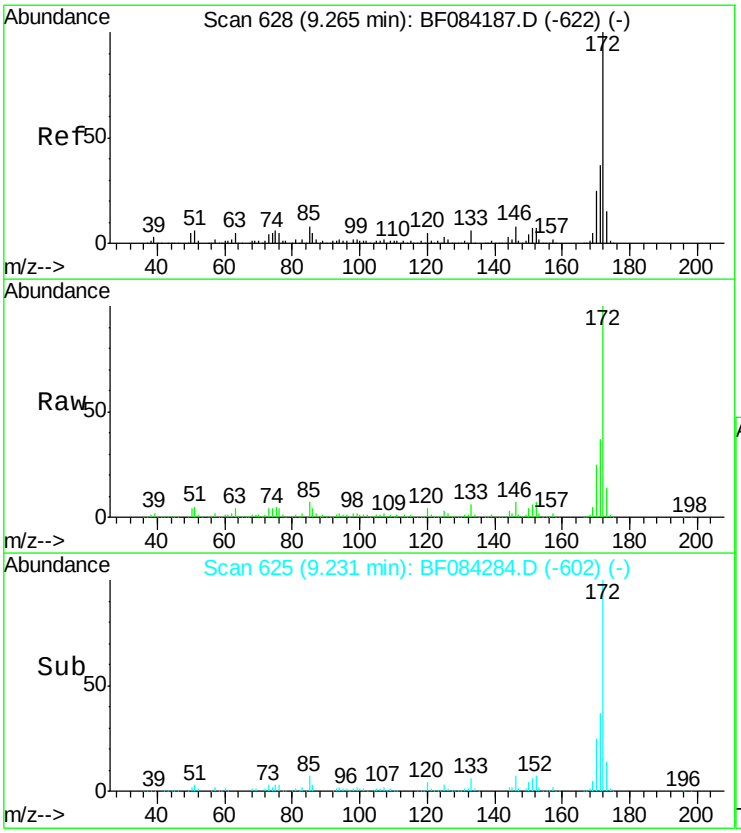
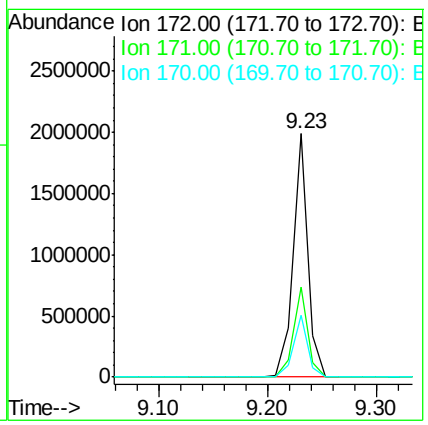
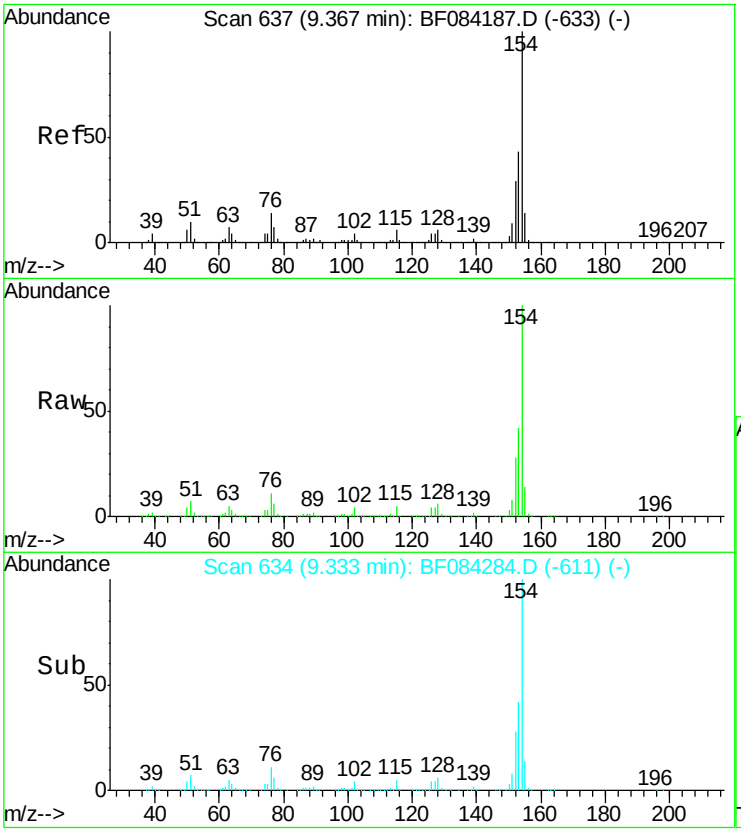


#44
2-Fluorobiphenyl
Concen: 63.83 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:172 Resp: 1877322

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.4	18.6	27.8

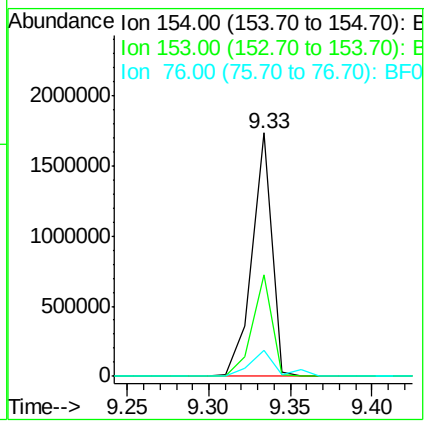




#45
1,1'-Biphenyl
Concen: 36.54 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:154 Resp: 1466205

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.6	61.6
76	10.8	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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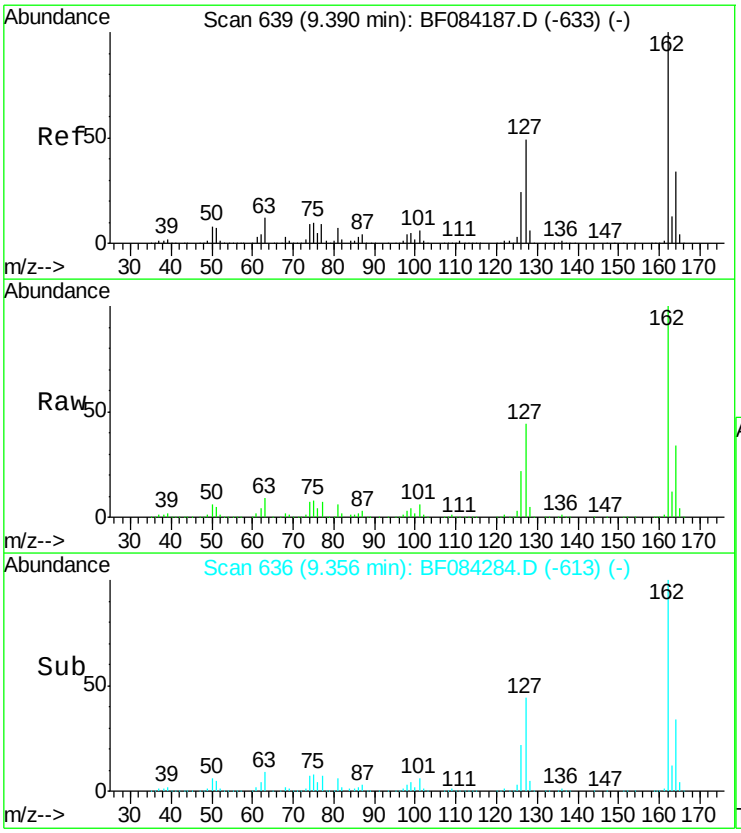
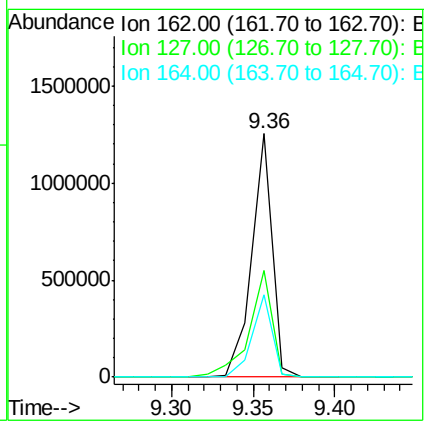
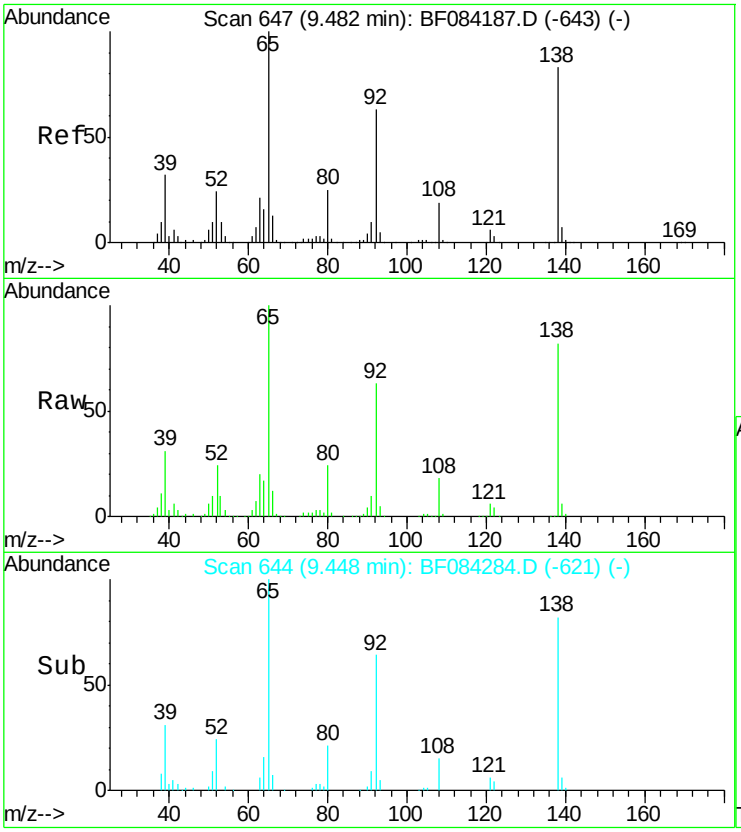


#46
2-Chloronaphthalene
Concen: 34.67 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:162 Resp: 1092724

Ion	Ratio	Lower	Upper
162	100		
127	44.0	40.2	60.4
164	33.9	25.7	38.5

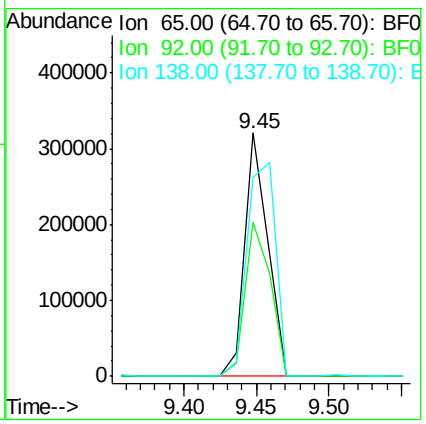




#47
2-Nitroaniline
Concen: 33.90 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 65 Resp: 352632

Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.4	80.2
138	81.7	71.1	106.7



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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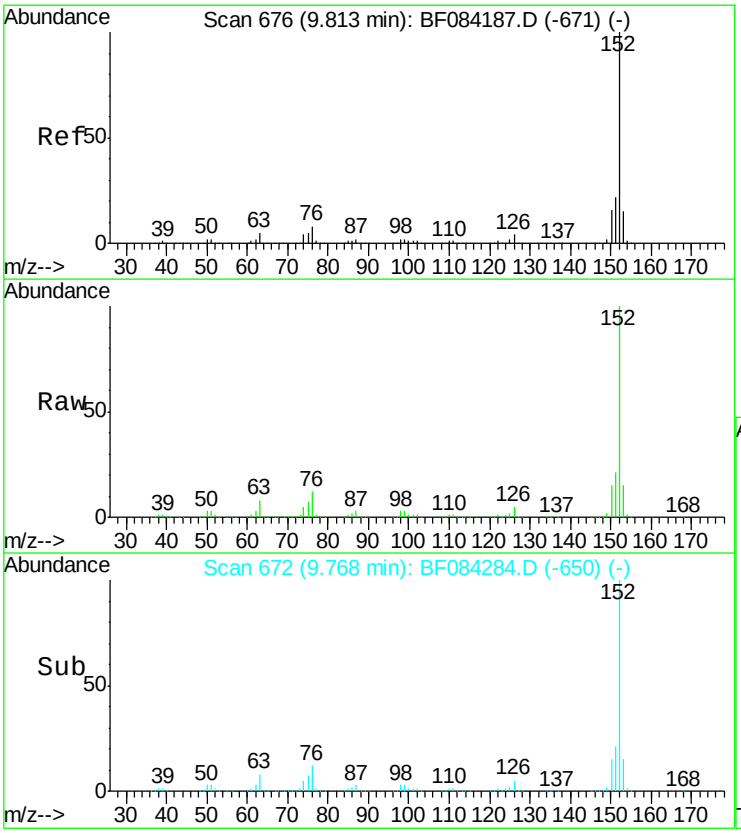
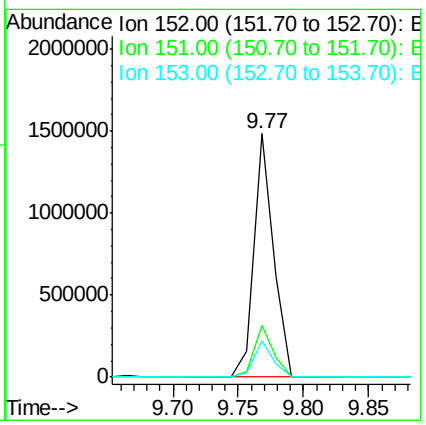
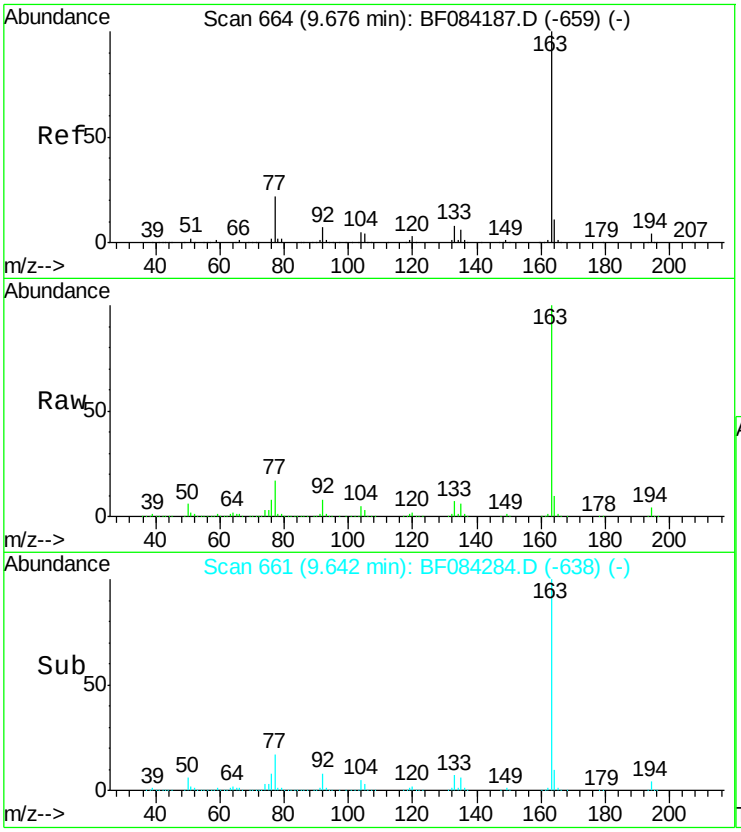


#48
Acenaphthylene
Concen: 33.38 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:152 Resp: 1554453

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	15.0	10.4	15.6

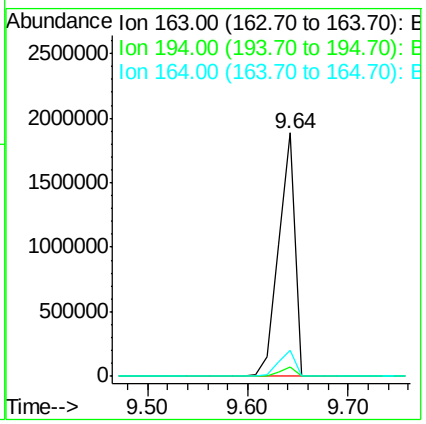




#49
Dimethylphthalate
Concen: 58.53 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:163 Resp: 2112613

Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	10.5	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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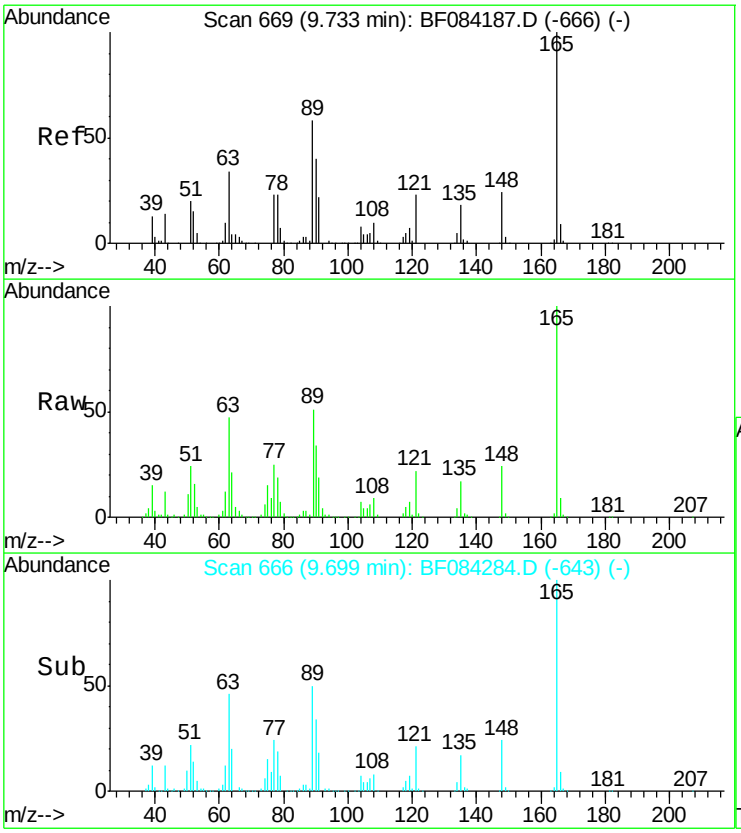
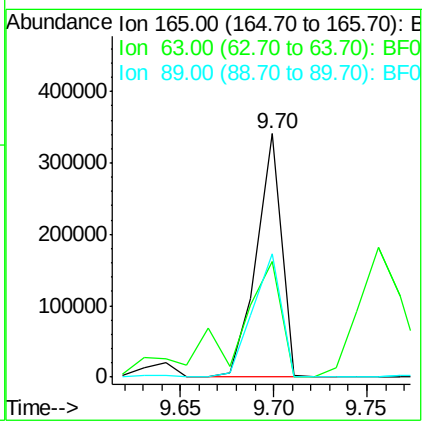
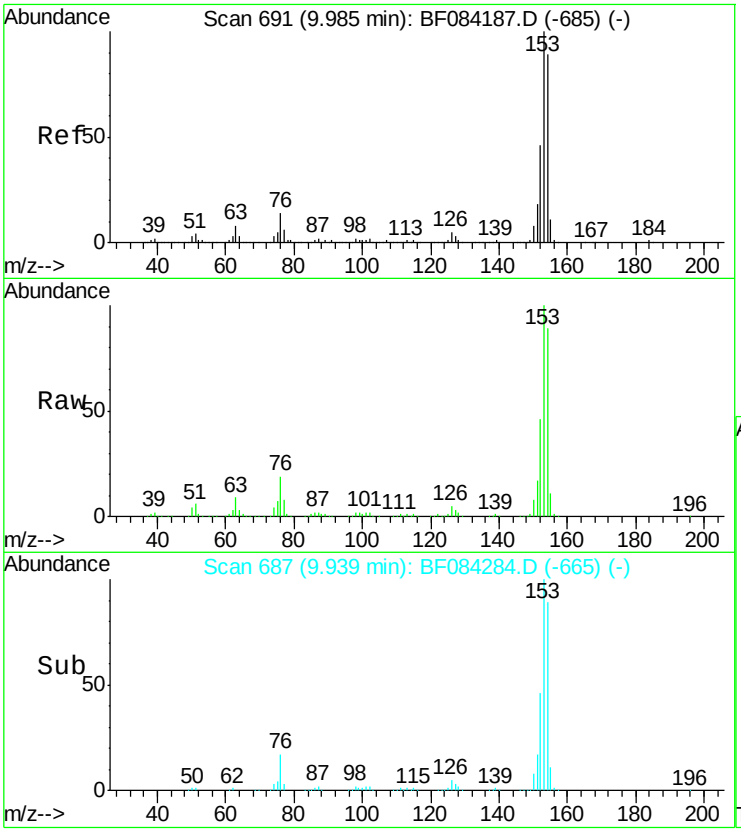


#50
2,6-Dinitrotoluene
Concen: 39.83 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:165 Resp: 315346

Ion	Ratio	Lower	Upper
165	100		
63	47.5	28.8	43.2#
89	50.6	35.1	52.7

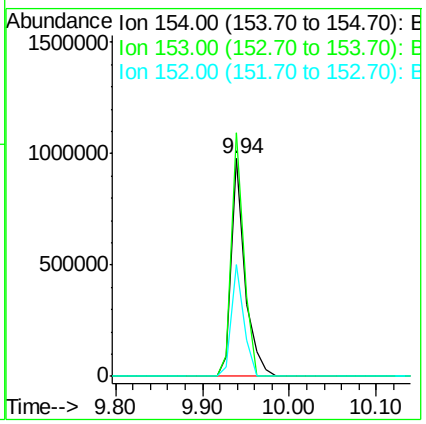




#51
Acenaphthene
Concen: 33.96 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.04 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:154 Resp: 1060725

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.5	137.3
152	51.2	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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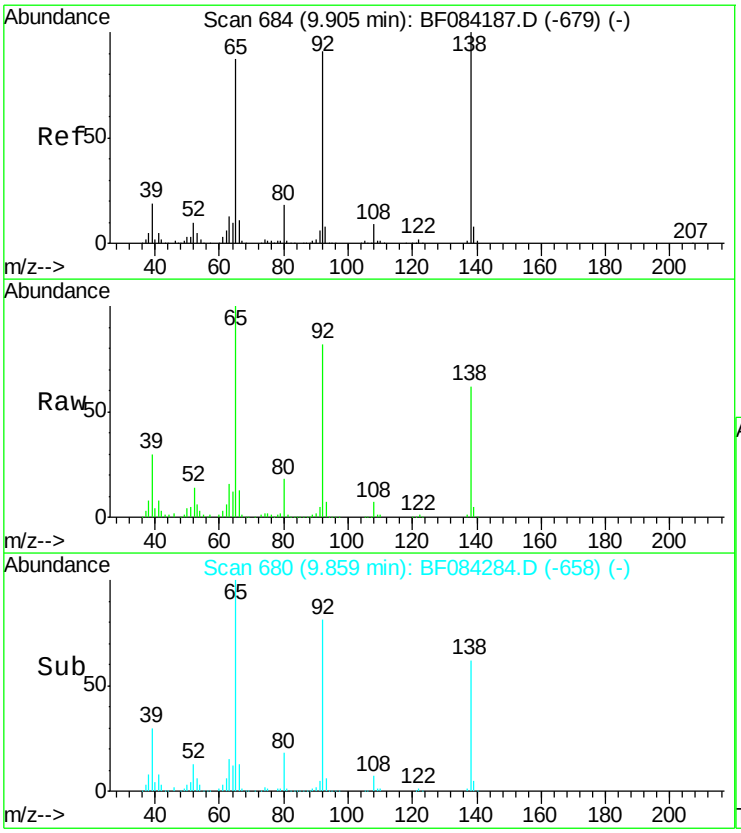
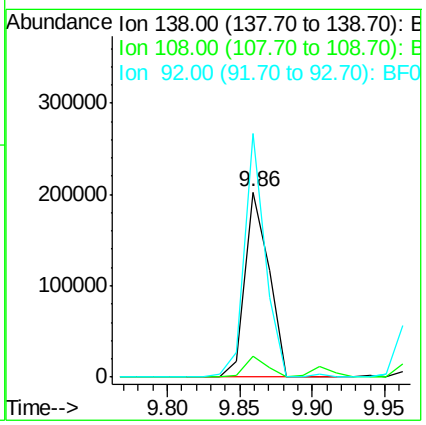
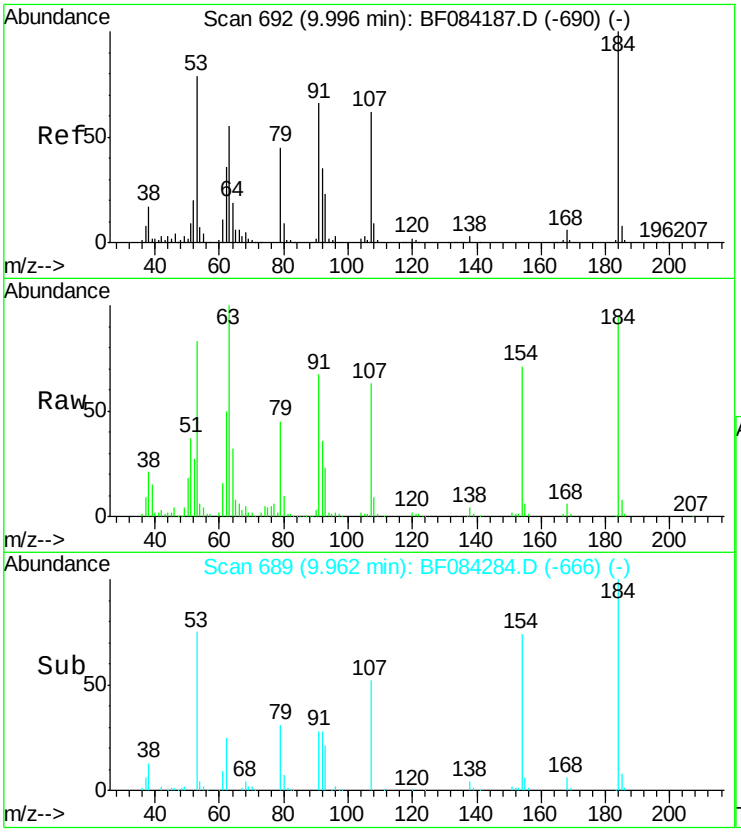


#52
3-Nitroaniline
Concen: 23.75 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:138 Resp: 232955

Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.5	15.7
92	131.7	103.9	155.9

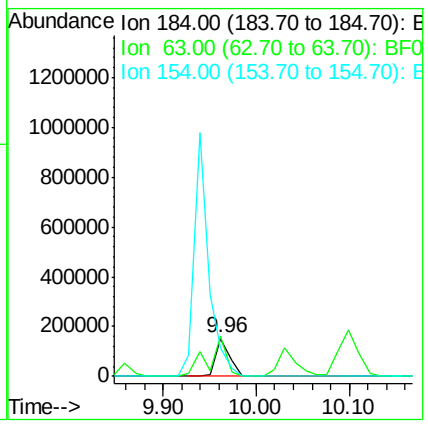




#53
2,4-Dinitrophenol
Concen: 48.25 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:184 Resp: 157739

Ion	Ratio	Lower	Upper
184	100		
63	105.3	43.1	64.7#
154	74.3	60.5	90.7



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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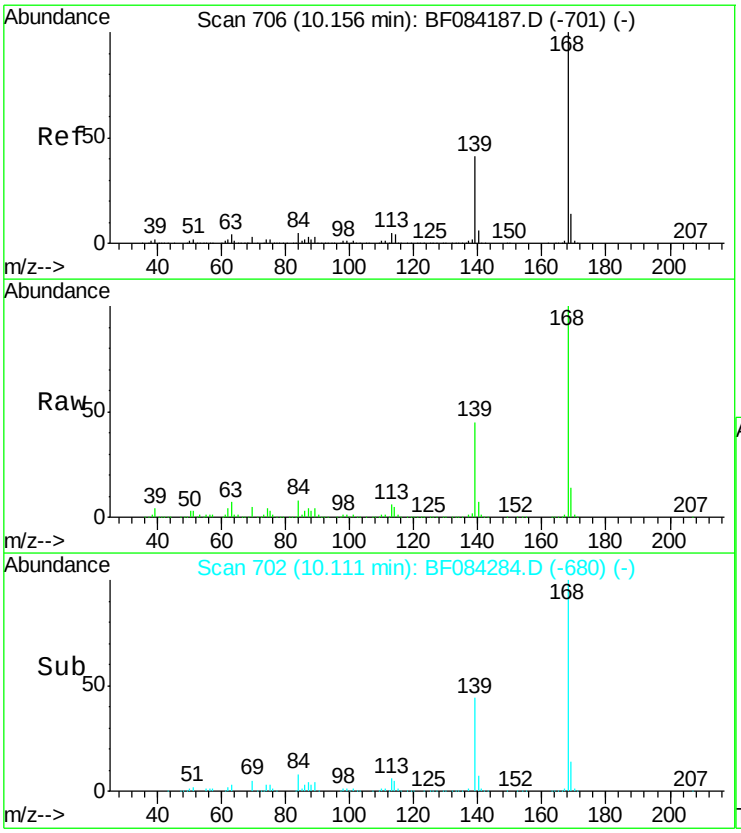
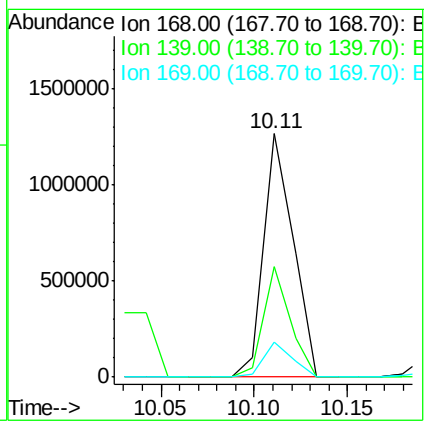
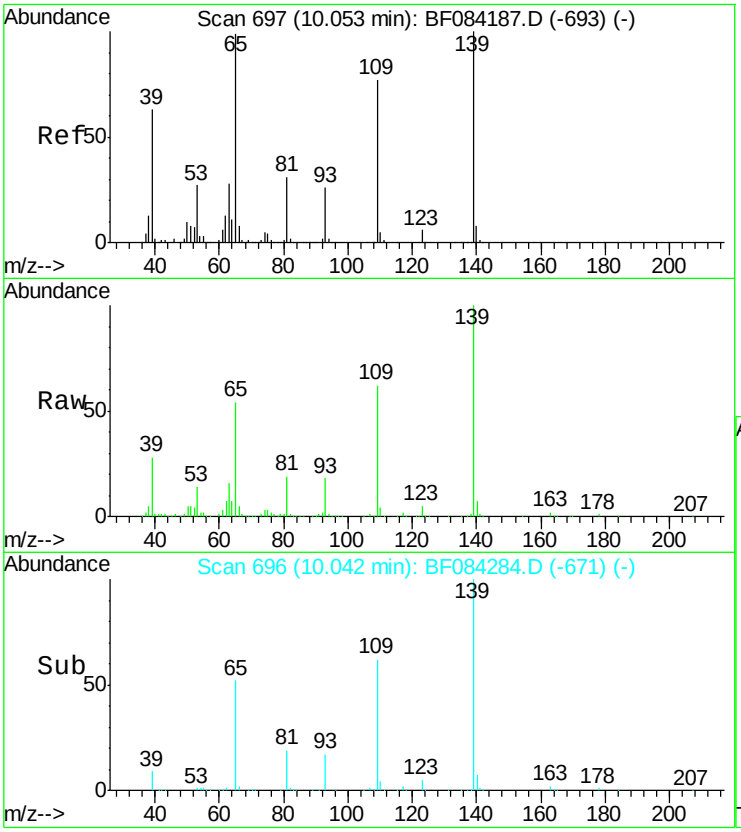


#54
Dibenzofuran
Concen: 33.48 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:168 Resp: 1385226

Ion	Ratio	Lower	Upper
168	100		
139	45.5	30.5	45.7
169	14.3	10.4	15.6





#55
4-Nitrophenol
Concen: 72.54 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:139 Resp: 516530

Ion	Ratio	Lower	Upper
139	100		
109	62.0	58.5	98.5
65	53.9	57.6	97.6#

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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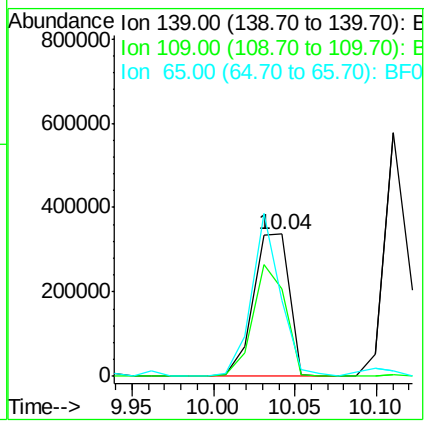
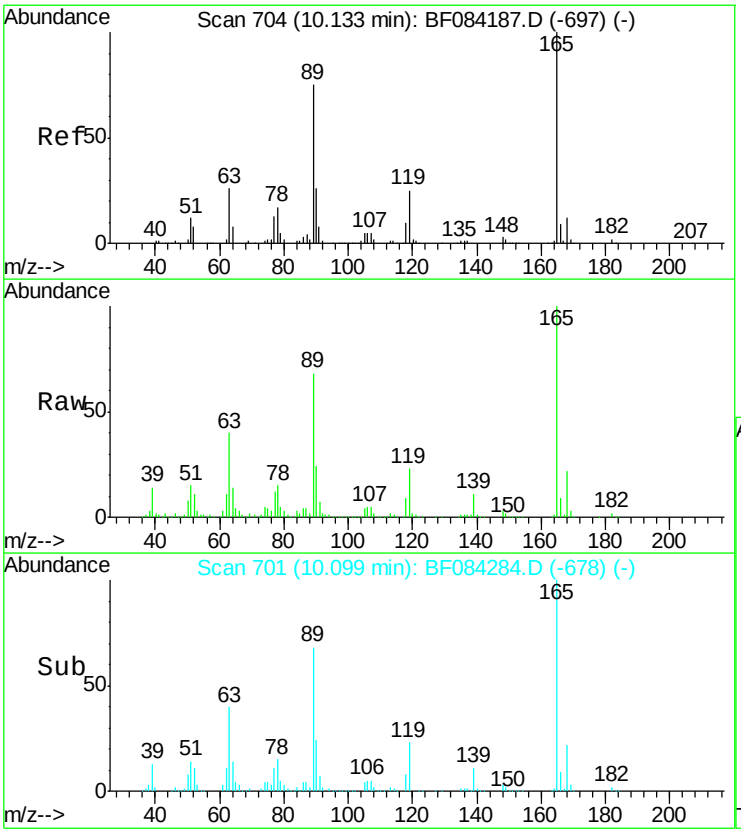
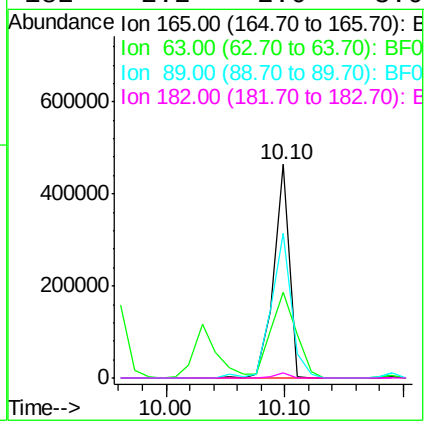


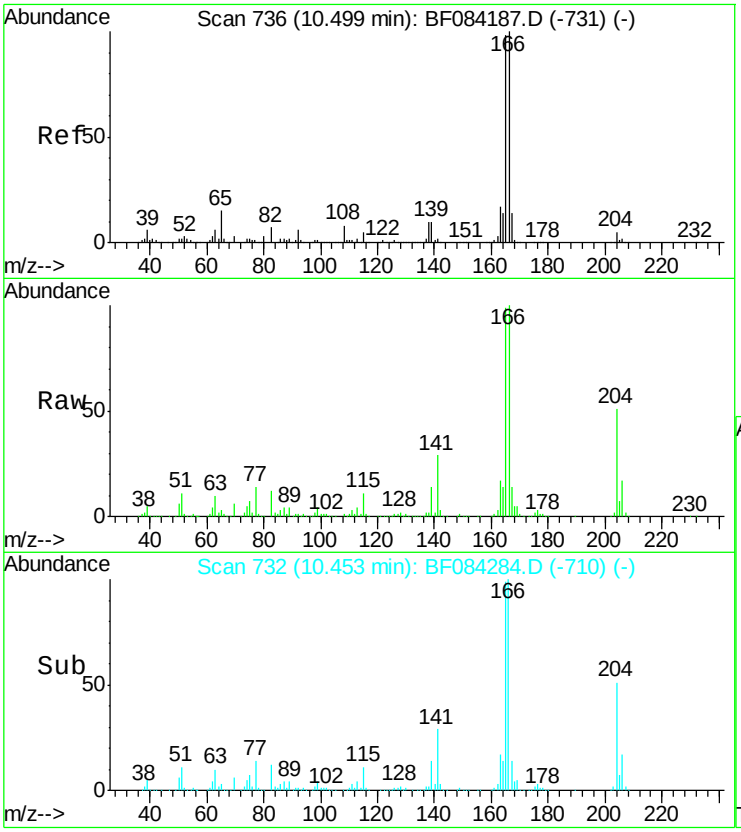


#56
2,4-Dinitrotoluene
Concen: 42.67 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:165 Resp: 427521

Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.7	55.1
89	67.9	61.9	92.9
182	2.2	2.0	3.0

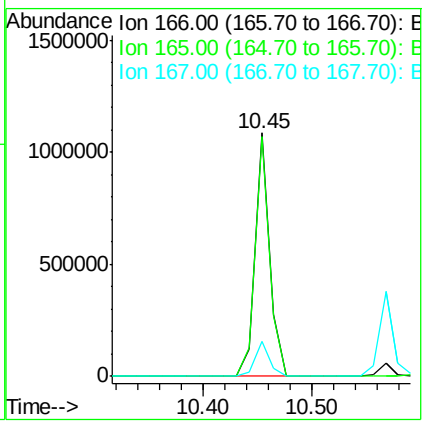




#57
Fluorene
Concen: 32.05 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:166 Resp: 1024157

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	14.2	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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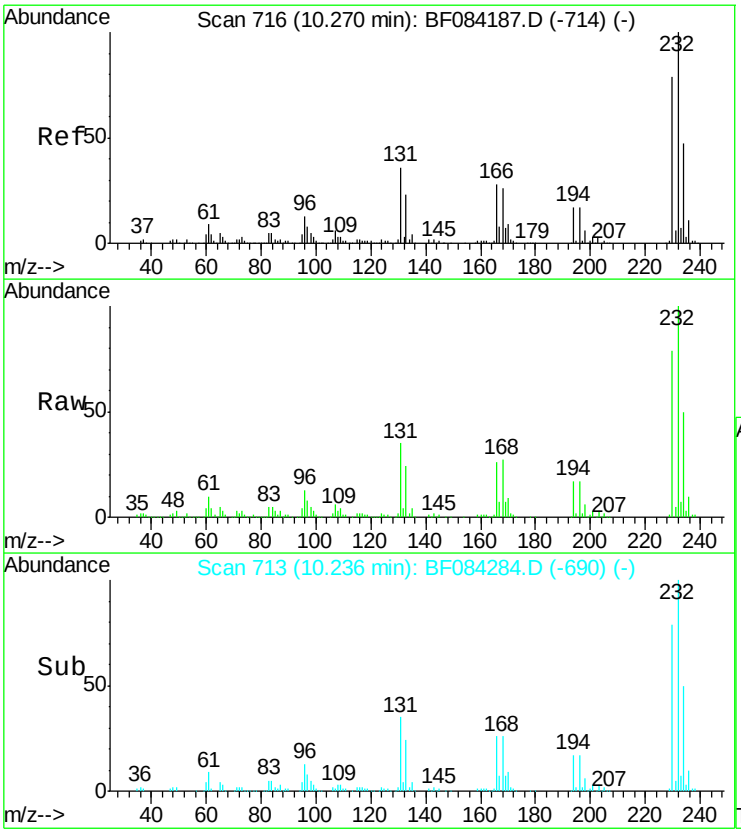
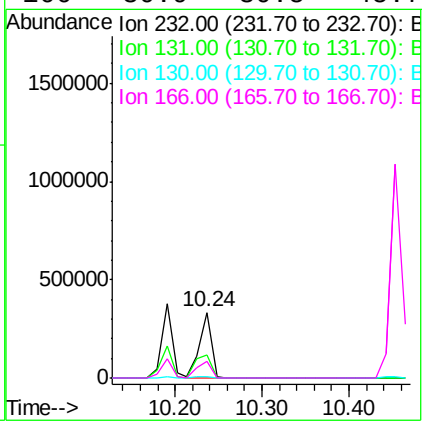
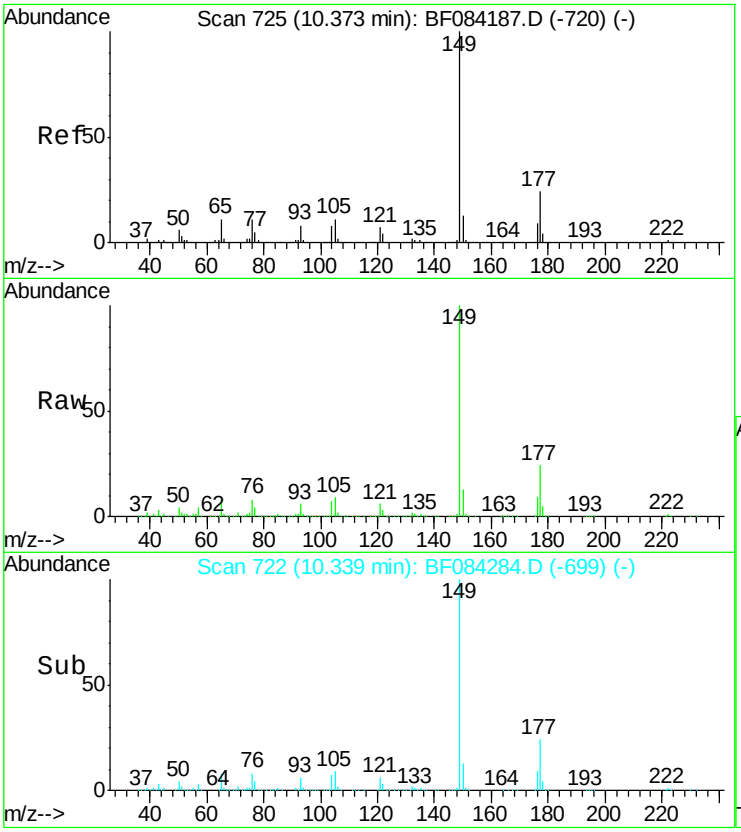


#58
2,3,4,6-Tetrachlorophenol
Concen: 35.45 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:232 Resp: 315081

Ion	Ratio	Lower	Upper
232	100		
131	46.4	47.0	70.6#
130	2.5	2.0	3.0
166	30.9	30.5	45.7

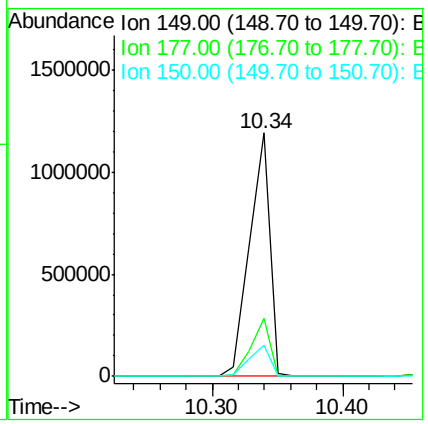




#59
Diethylphthalate
Concen: 36.17 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:149 Resp: 1287144

Ion	Ratio	Lower	Upper
149	100		
177	23.7	17.3	25.9
150	12.6	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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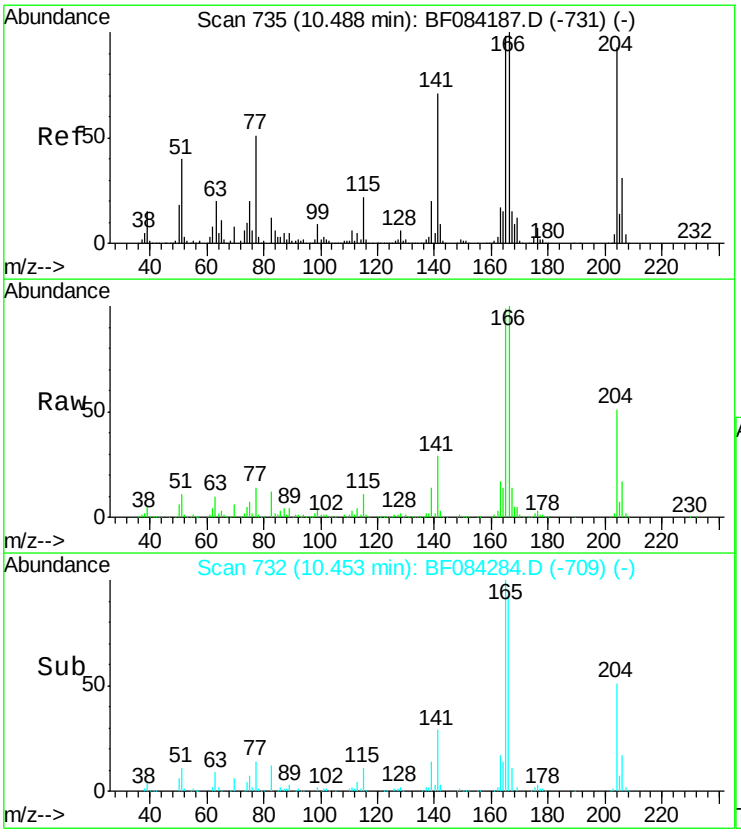
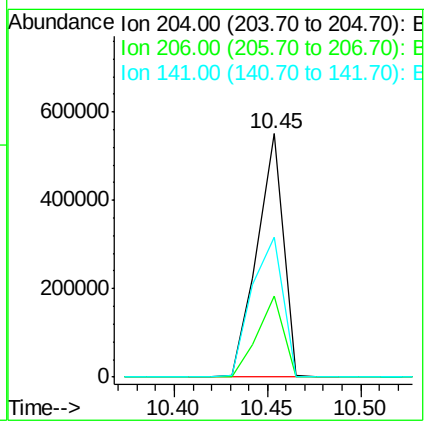
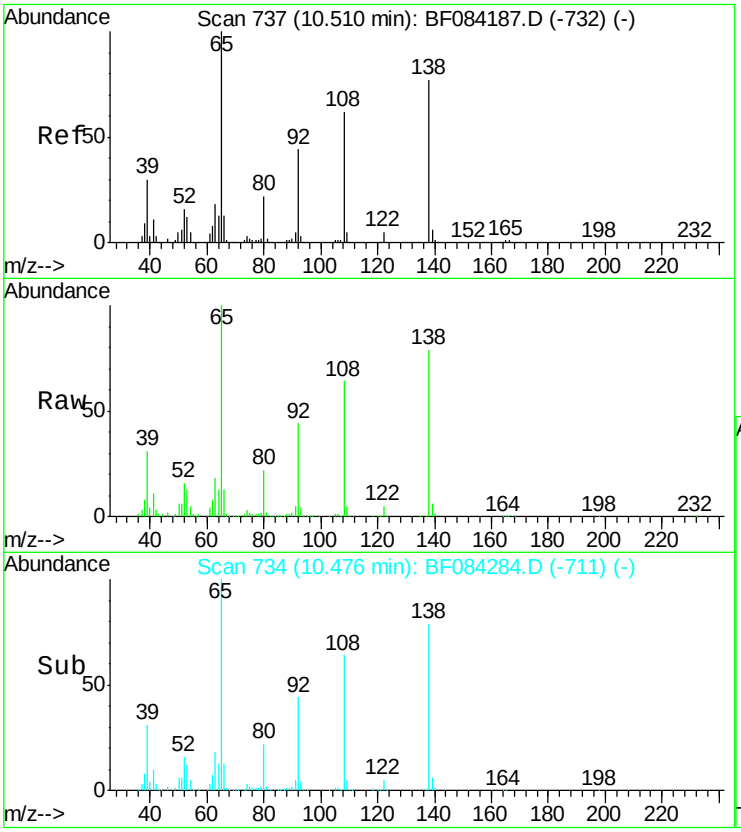


#60
4-Chlorophenyl-phenylether
Concen: 39.77 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:204 Resp: 537066

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	57.4	55.1	82.7

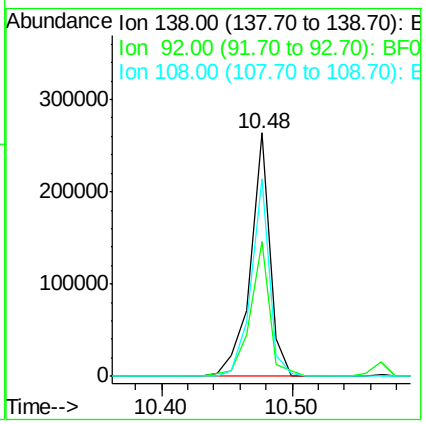




#61
4-Nitroaniline
Concen: 31.71 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:138 Resp: 277254

Ion	Ratio	Lower	Upper
138	100		
92	55.5	32.6	72.6
108	81.1	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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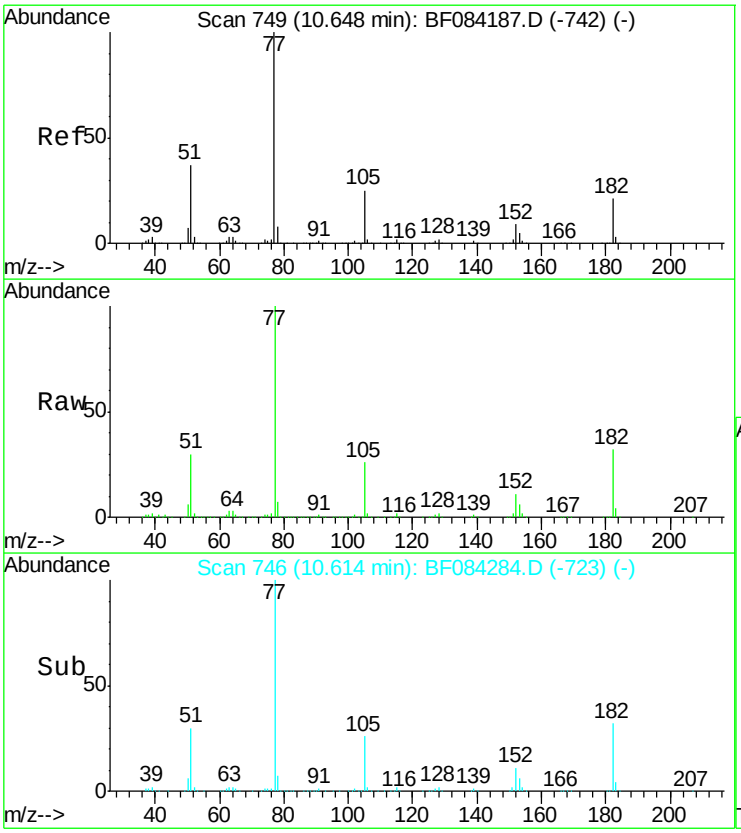
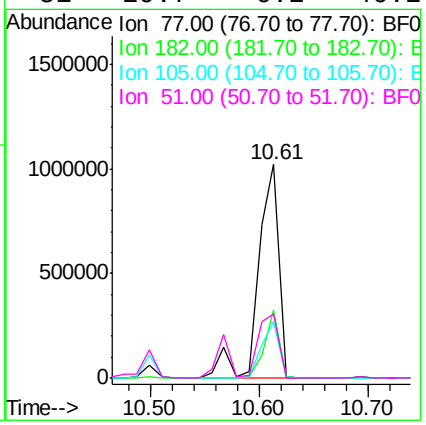
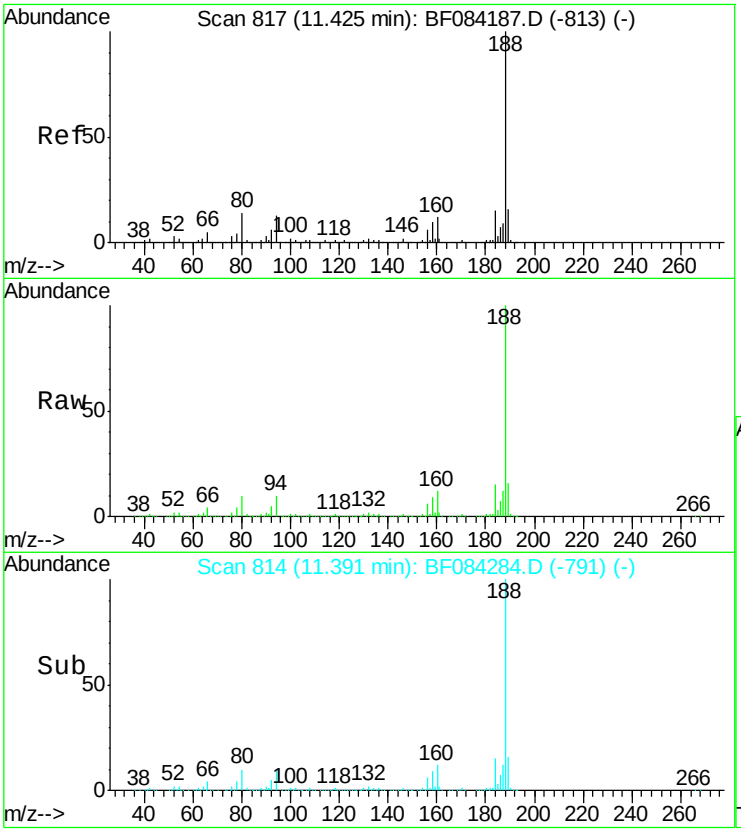


#62
Azobenzene
Concen: 34.79 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 77 Resp: 1357803

Ion	Ratio	Lower	Upper
77	100		
182	31.7	8.3	48.3
105	26.2	4.6	44.6
51	29.7	6.2	46.2

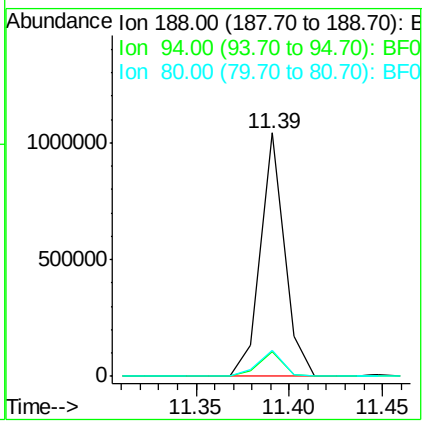




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:188 Resp: 927711

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.5	9.6	14.4



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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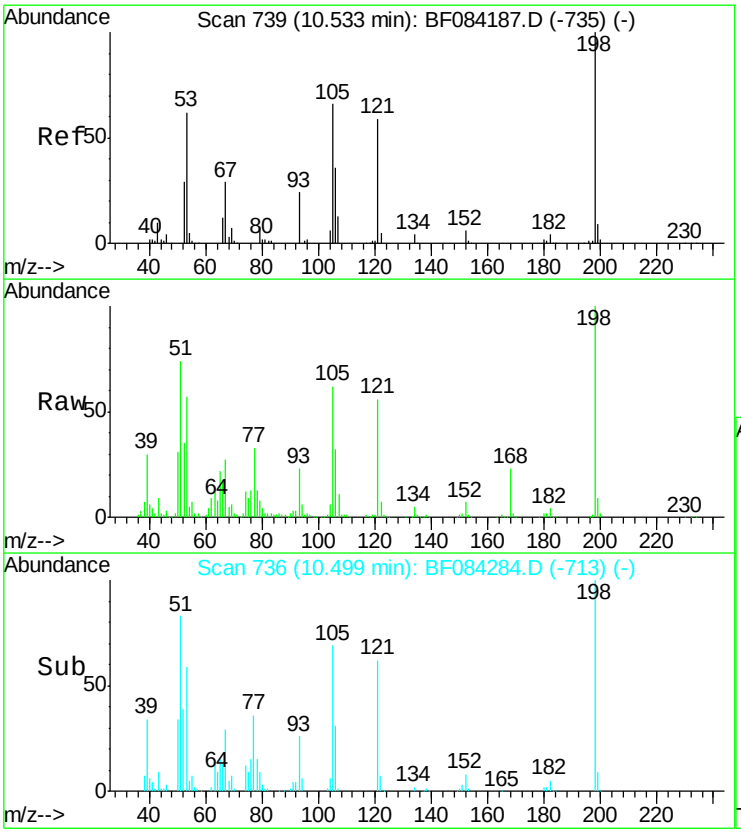
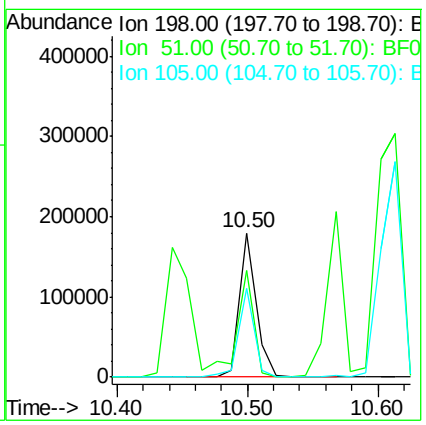
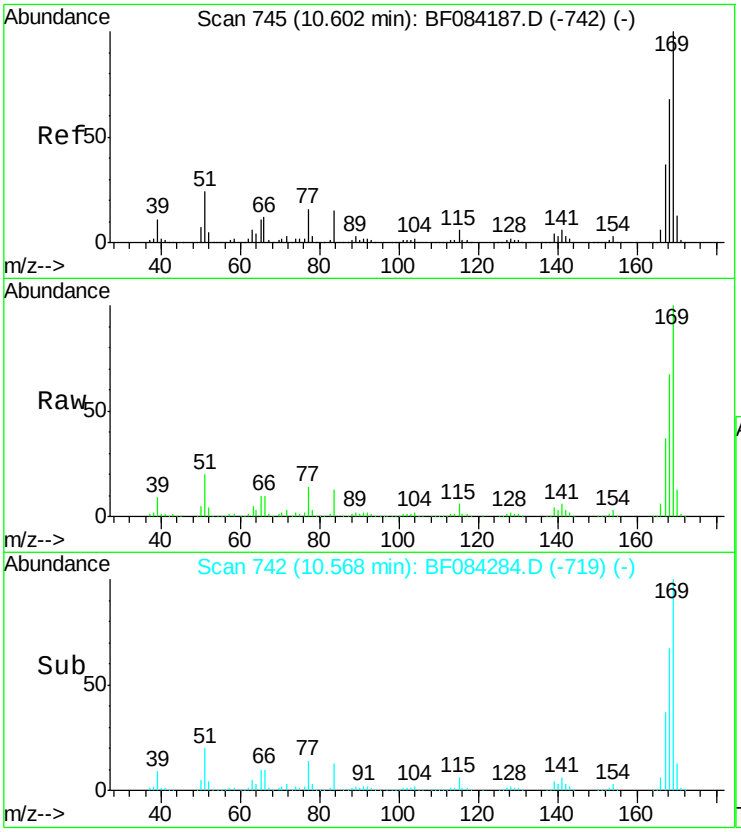


#64
4,6-Dinitro-2-methylphenol
Concen: 28.65 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:198 Resp: 158382

Ion	Ratio	Lower	Upper
198	100		
51	73.8	18.9	58.9#
105	61.6	26.4	66.4

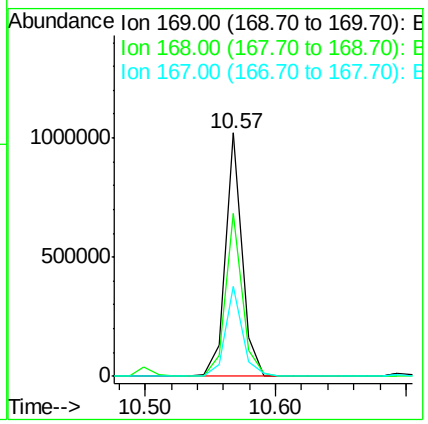




#65
n-Nitrosodiphenylamine
Concen: 30.62 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:169 Resp: 908086

Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.1	82.7
167	37.1	30.0	45.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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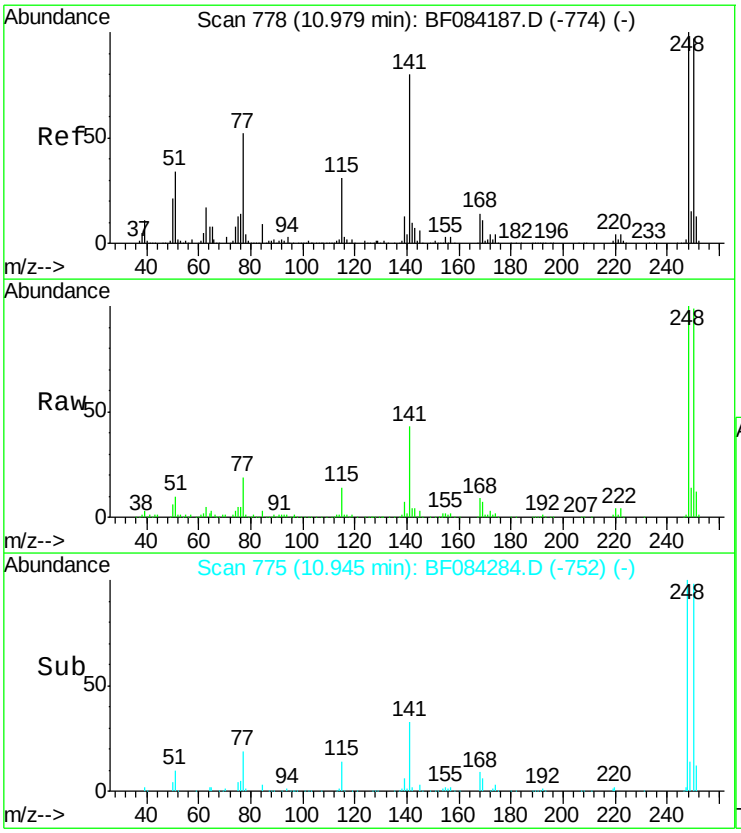
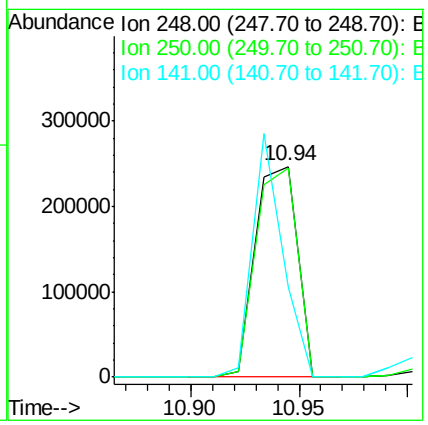
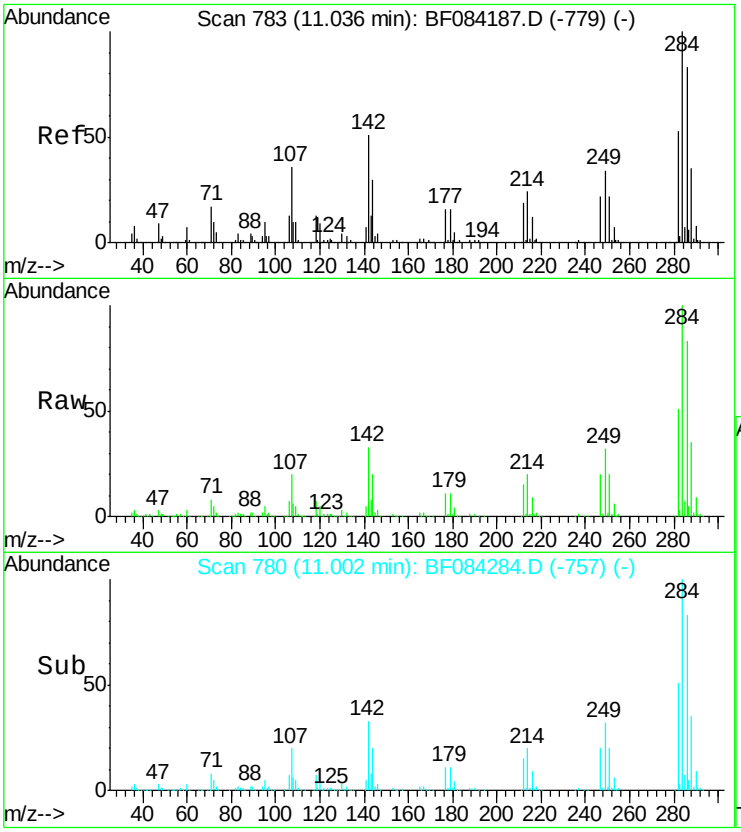


#66
4-Bromophenyl-phenylether
Concen: 33.61 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:248 Resp: 335652

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.4	117.6
141	42.8	44.0	66.0#

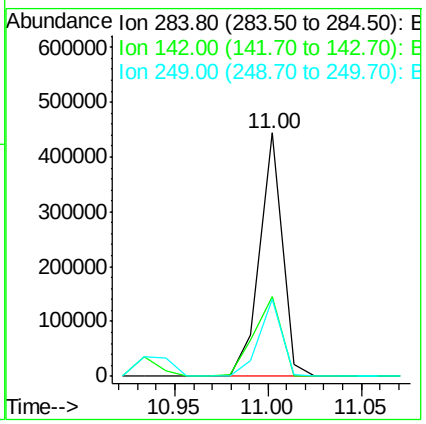




#67
Hexachlorobenzene
Concen: 33.06 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:284 Resp: 371541

Ion	Ratio	Lower	Upper
284	100		
142	32.7	22.2	33.4
249	31.9	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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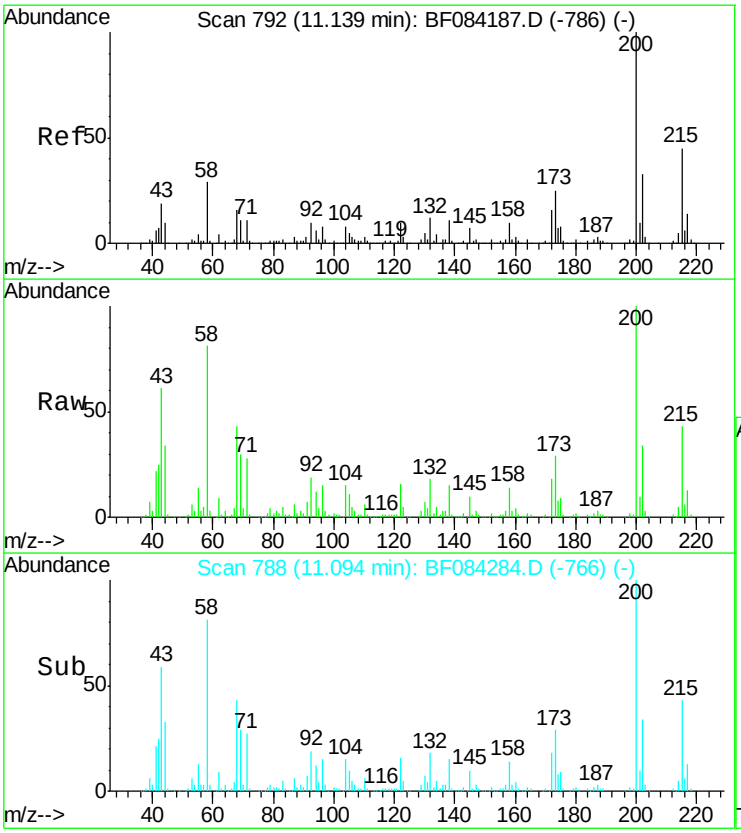
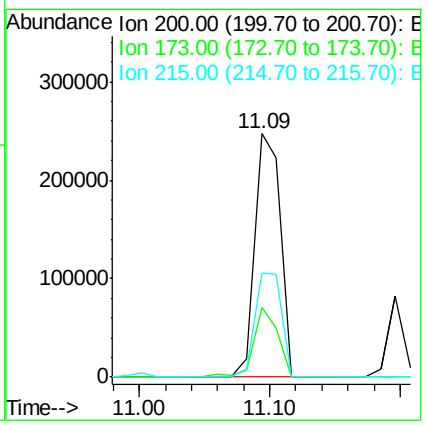
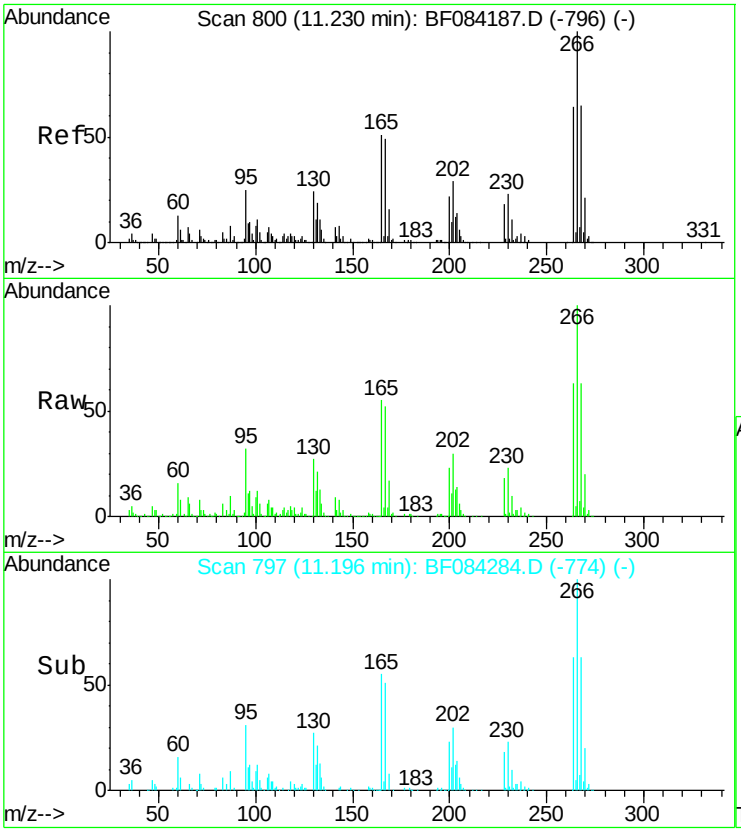


#68
Atrazine
Concen: 34.69 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:200 Resp: 336734

Ion	Ratio	Lower	Upper
200	100		
173	28.7	9.5	49.5
215	42.6	23.8	63.8

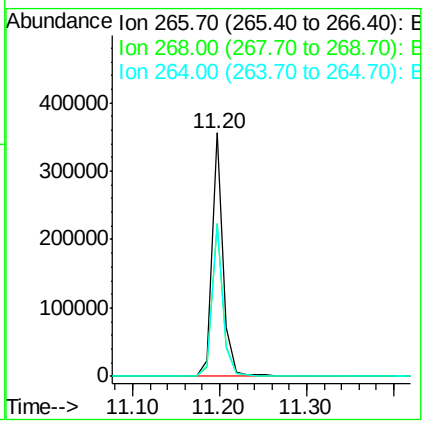




#69
Pentachlorophenol
Concen: 55.40 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:266 Resp: 322827

Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.4	78.6
264	62.8	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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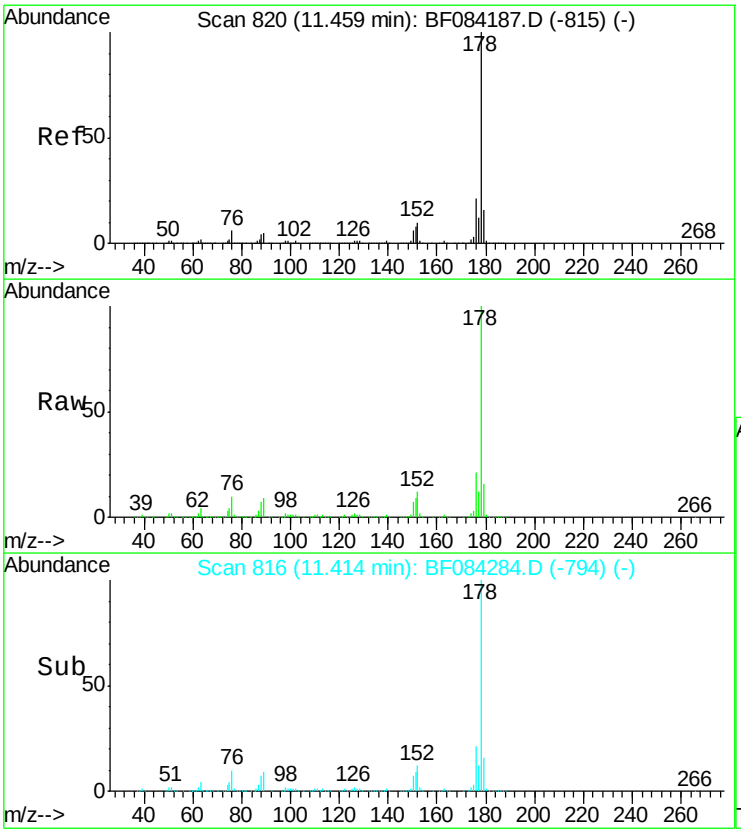
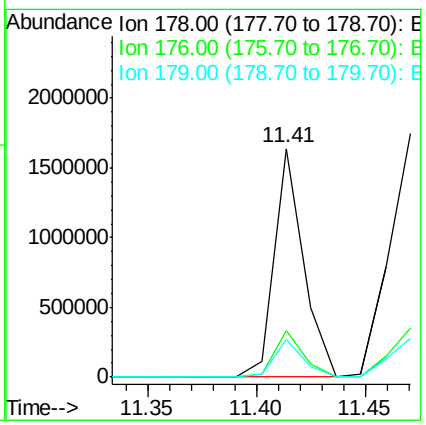
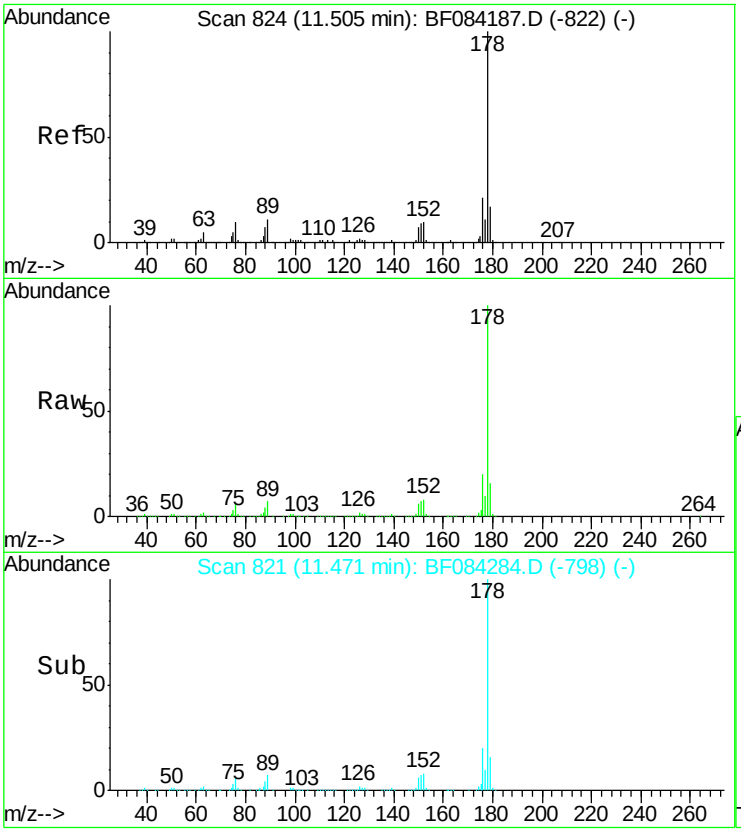


#70
Phenanthrene
Concen: 31.90 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:178 Resp: 1548199

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.3	22.9
179	16.2	12.0	18.0

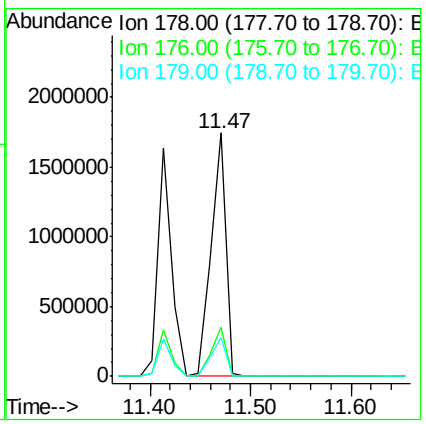




#71
Anthracene
Concen: 37.28 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:178 Resp: 1773494

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	15.9	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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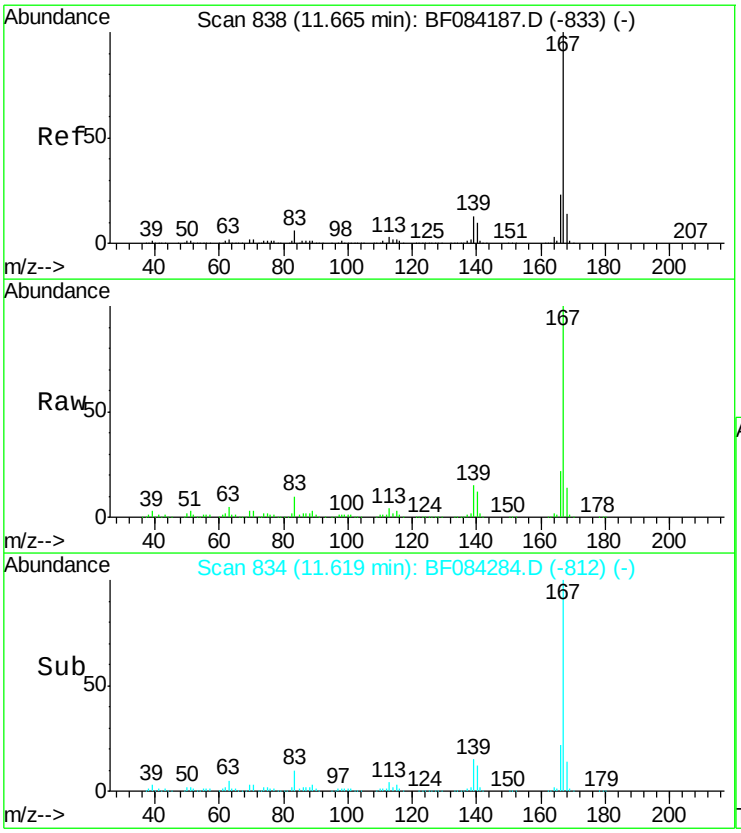
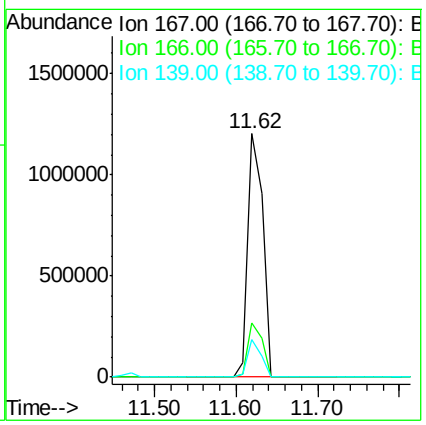
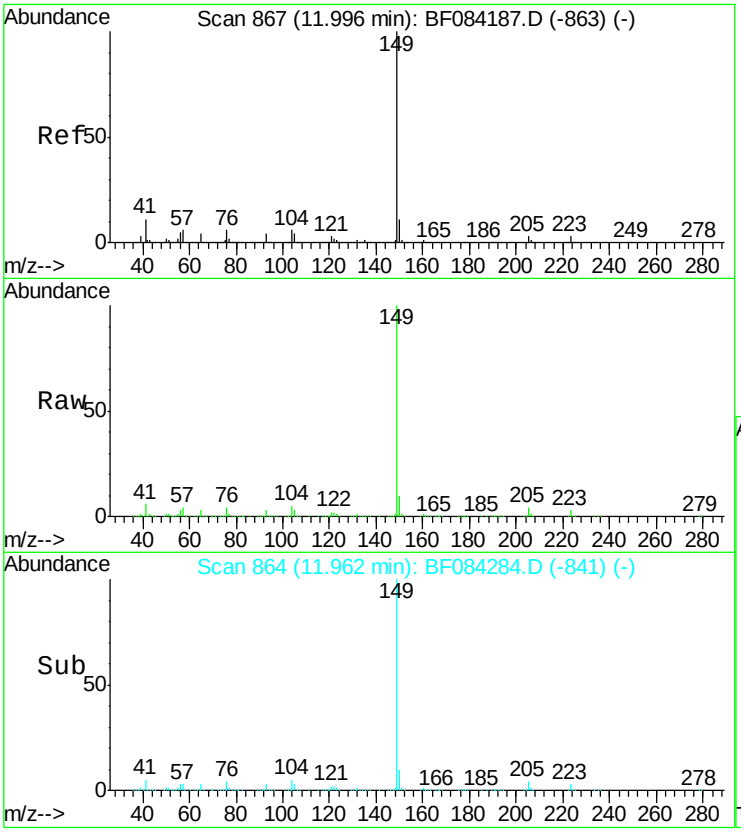


#72
Carbazole
Concen: 32.37 ng
RT: 11.62 min Scan# 834
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:167 Resp: 1505164

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	15.2	11.8	17.8

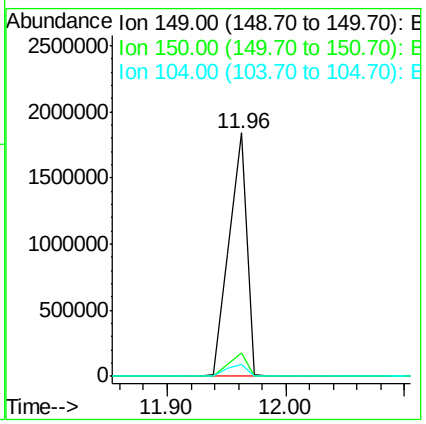




#73
Di-n-butylphthalate
Concen: 36.90 ng
RT: 11.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:149 Resp: 1914007

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	4.8	3.2	4.8#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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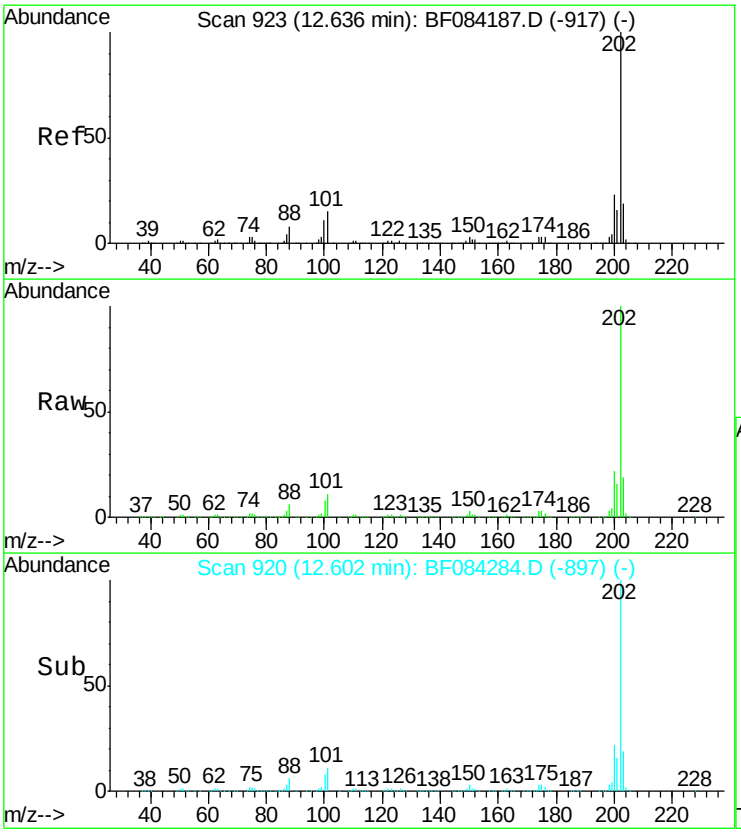
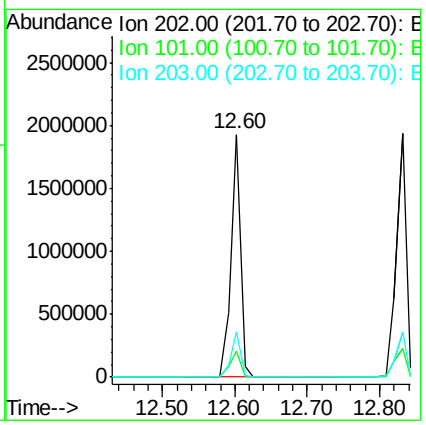
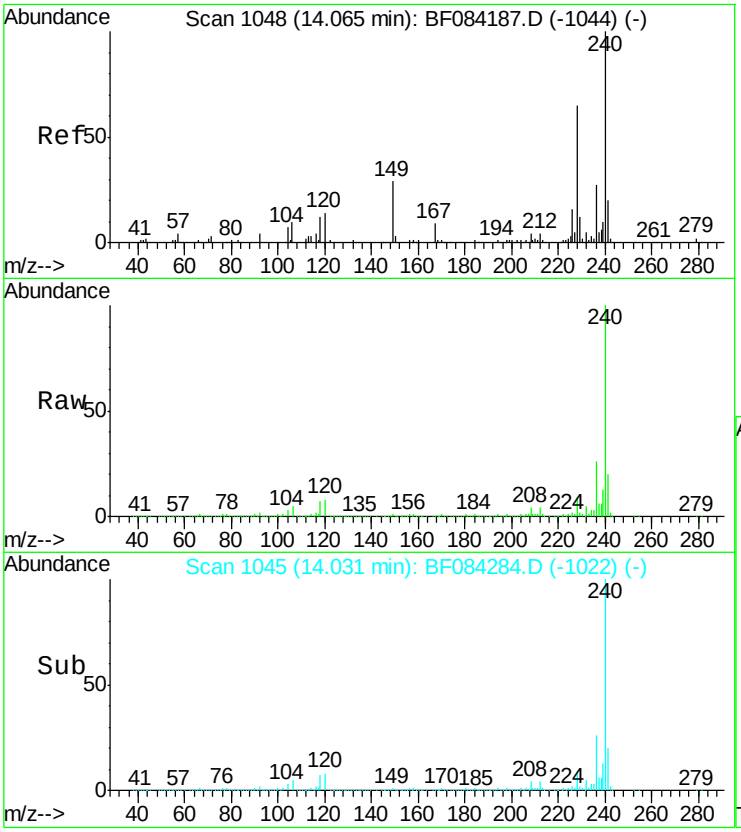


#74
Fluoranthene
Concen: 34.52 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:202 Resp: 1749938

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.8
203	18.9	0.0	37.9

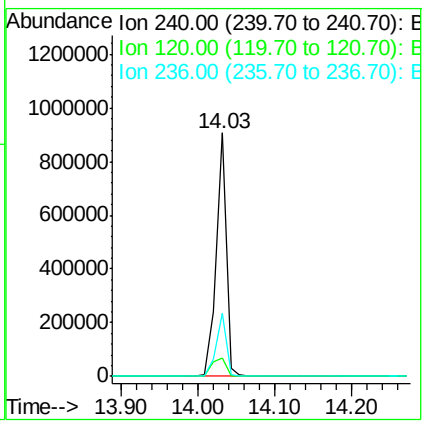




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:240 Resp: 824224

Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.5	14.3#
236	25.7	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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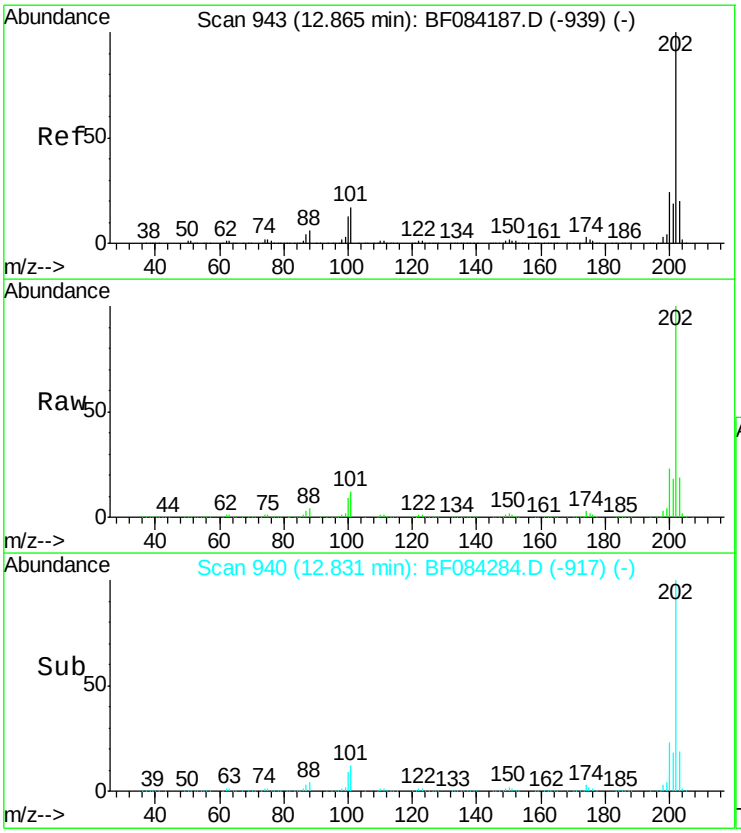
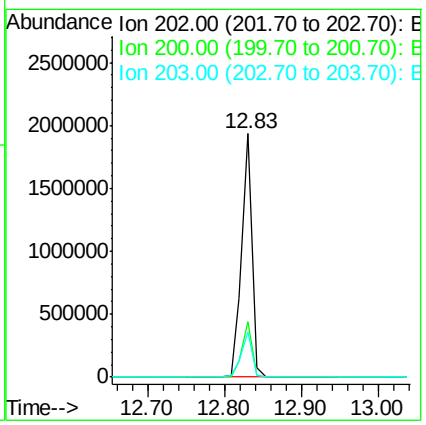
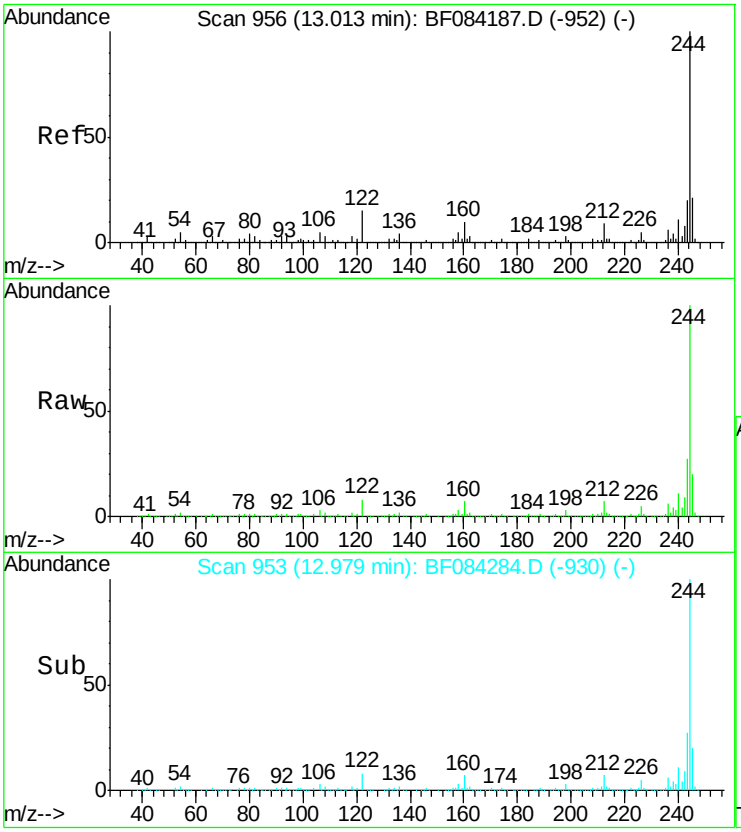


#77
Pyrene
Concen: 28.21 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:202 Resp: 1824370

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.2	25.8
203	18.7	14.3	21.5

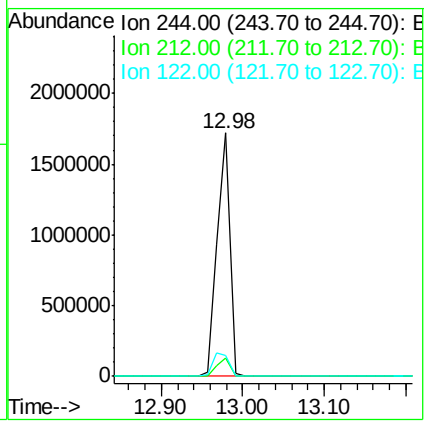




#78
Terphenyl-d14
Concen: 50.35 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:244 Resp: 1859213

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



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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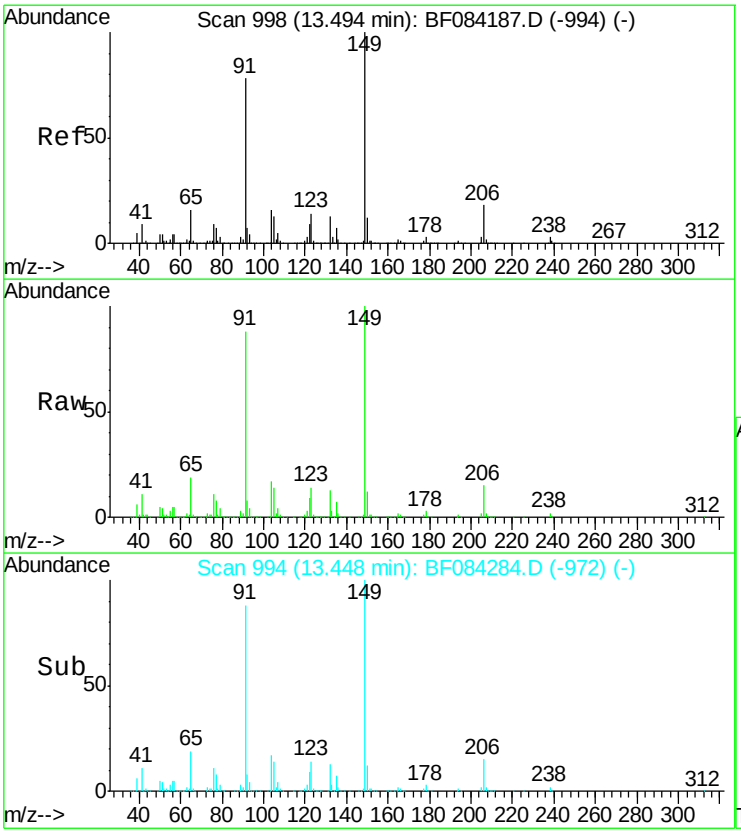
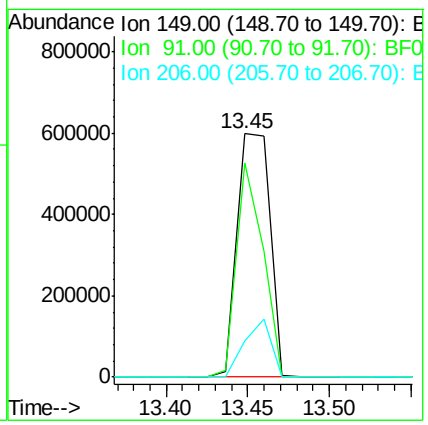
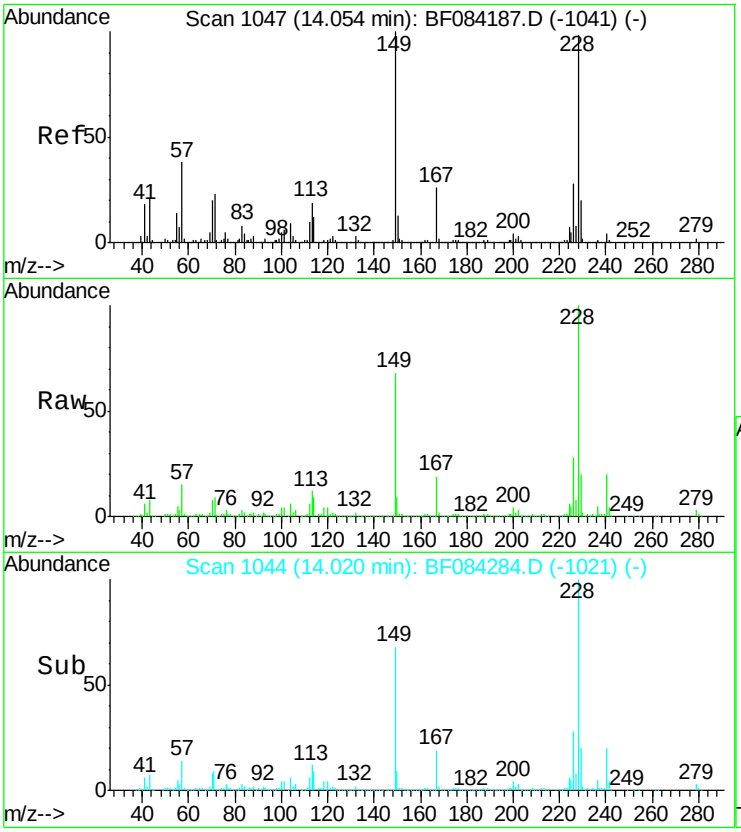


#79
Butylbenzylphthalate
Concen: 29.59 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:149 Resp: 828264

Ion	Ratio	Lower	Upper
149	100		
91	87.8	57.6	86.4#
206	15.1	13.2	19.8

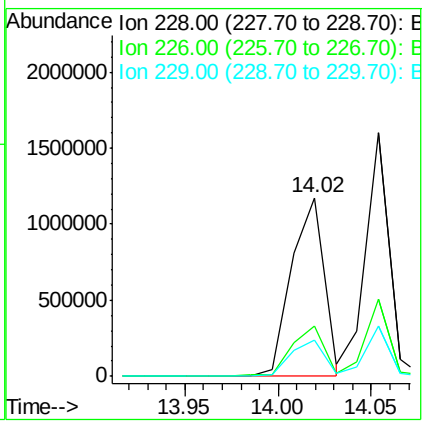




#80
Benzo(a)anthracene
Concen: 29.96 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:228 Resp: 1449959

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.5	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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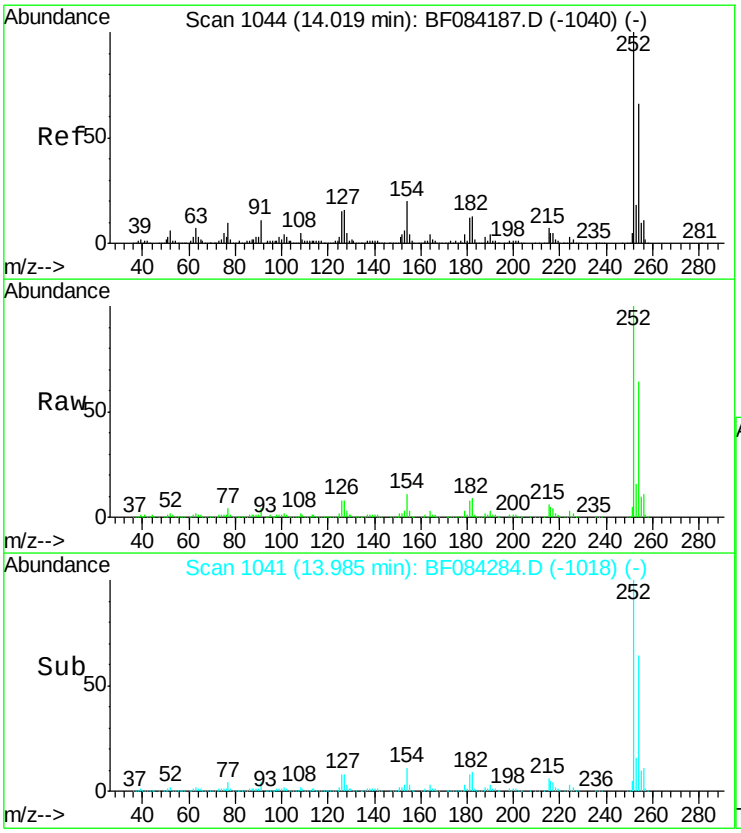
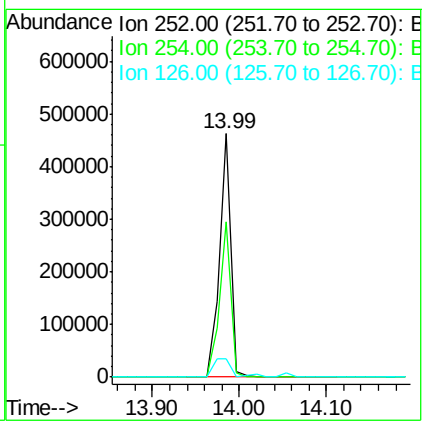
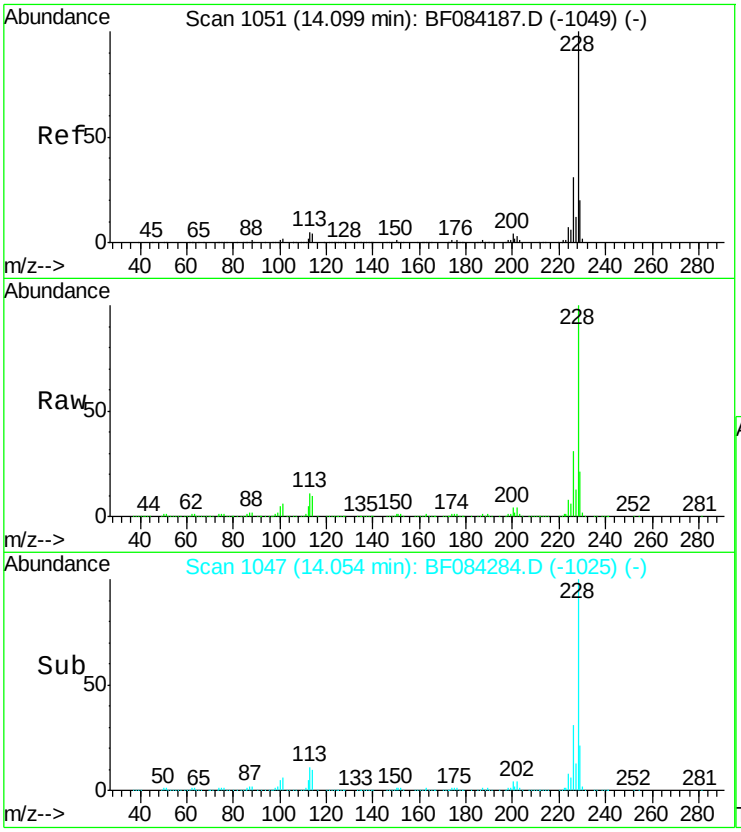


#81
3,3'-Dichlorobenzidine
Concen: 25.41 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:252 Resp: 429238

Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.5	80.3
126	7.7	4.9	7.3#





#82
Chrysene
Concen: 30.26 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:228 Resp: 1407490

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	20.8	16.1	24.1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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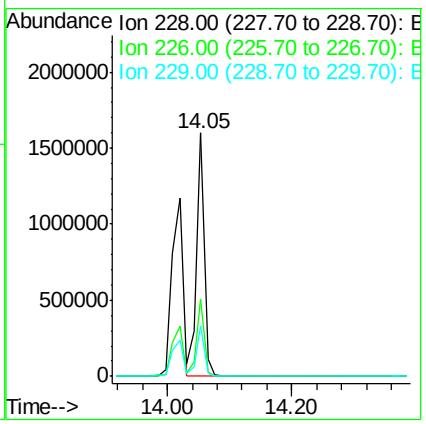
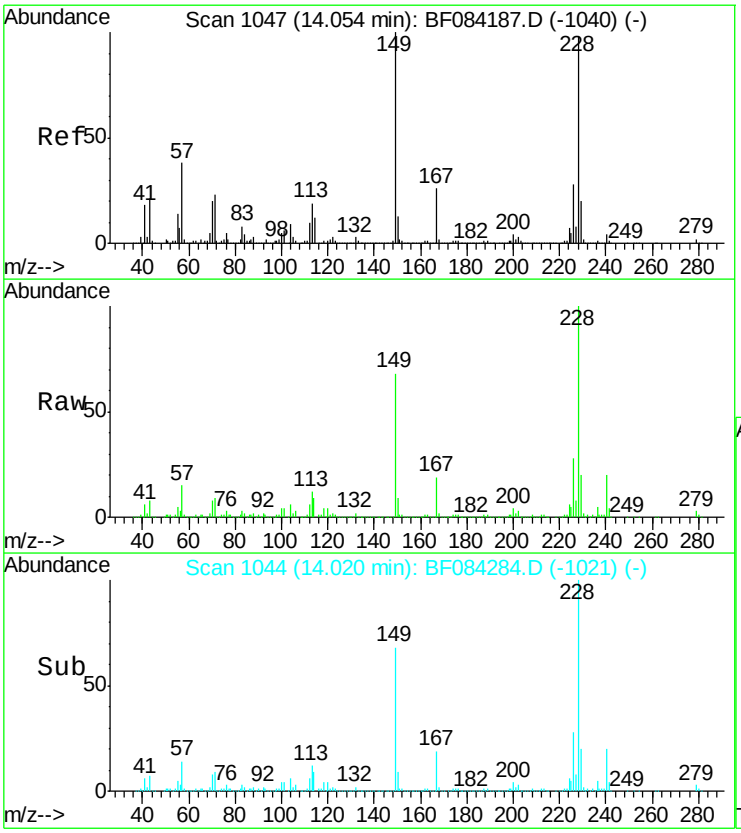
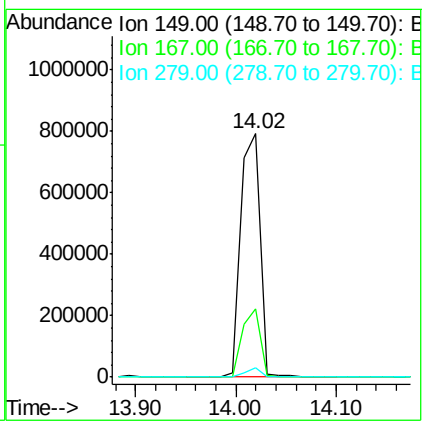


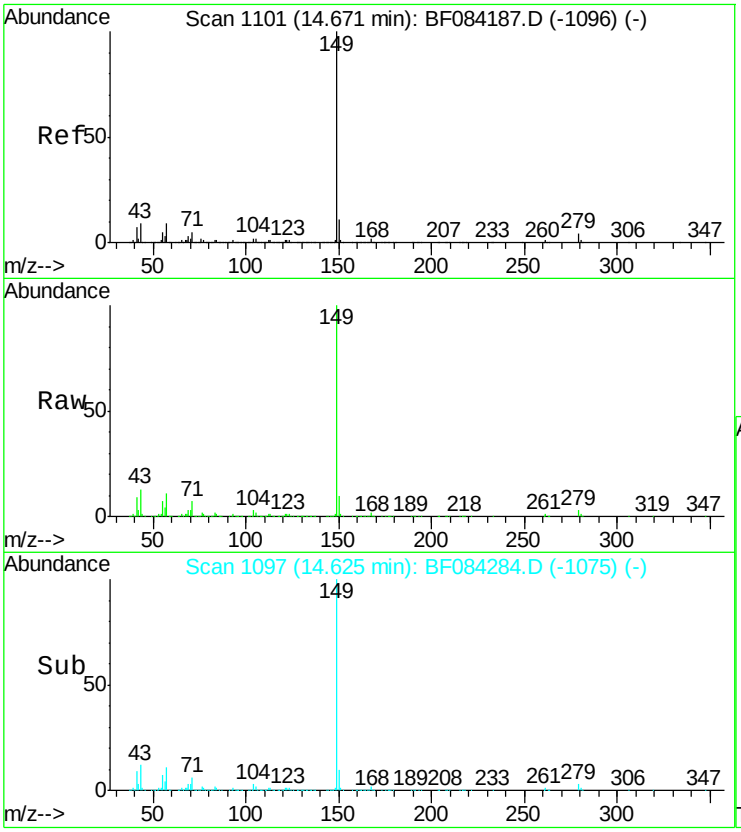


#83
Bis(2-ethylhexyl)phthalate
Concen: 30.02 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:149 Resp: 1061646

Ion	Ratio	Lower	Upper
149	100		
167	28.2	19.7	29.5
279	4.1	1.8	2.6#

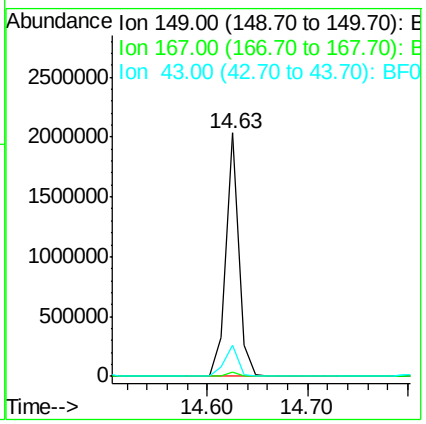




#84
Di-n-octyl phthalate
Concen: 30.40 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:149 Resp: 1814959

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	13.1	5.6	8.4#



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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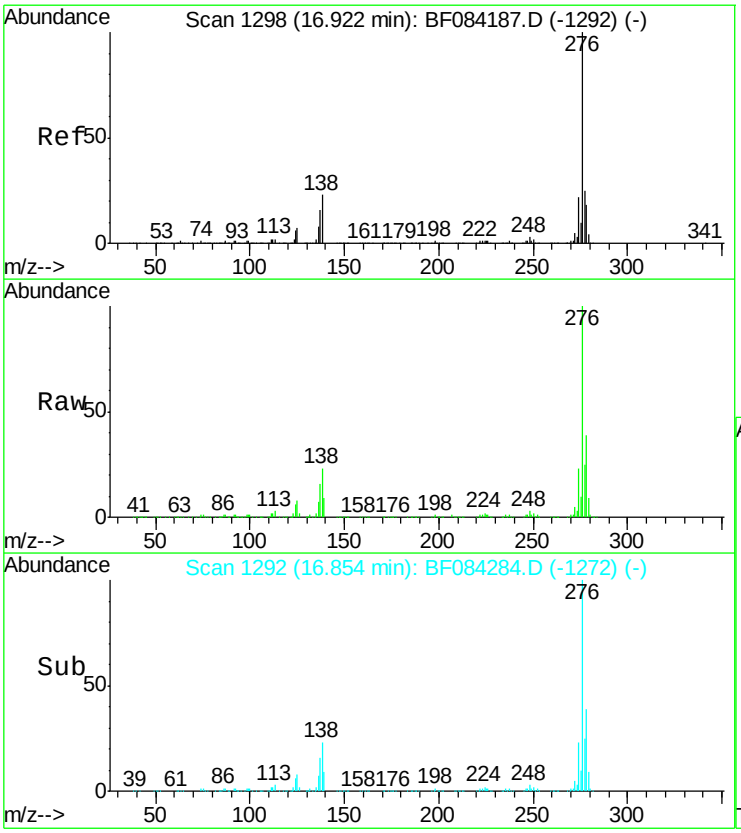
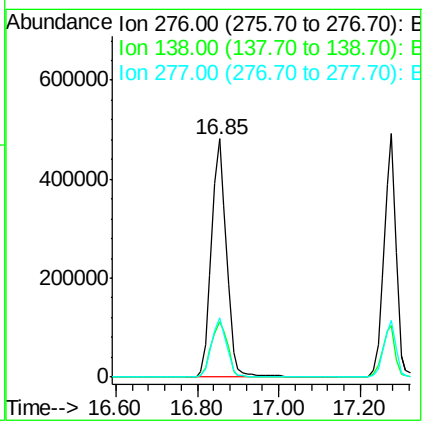
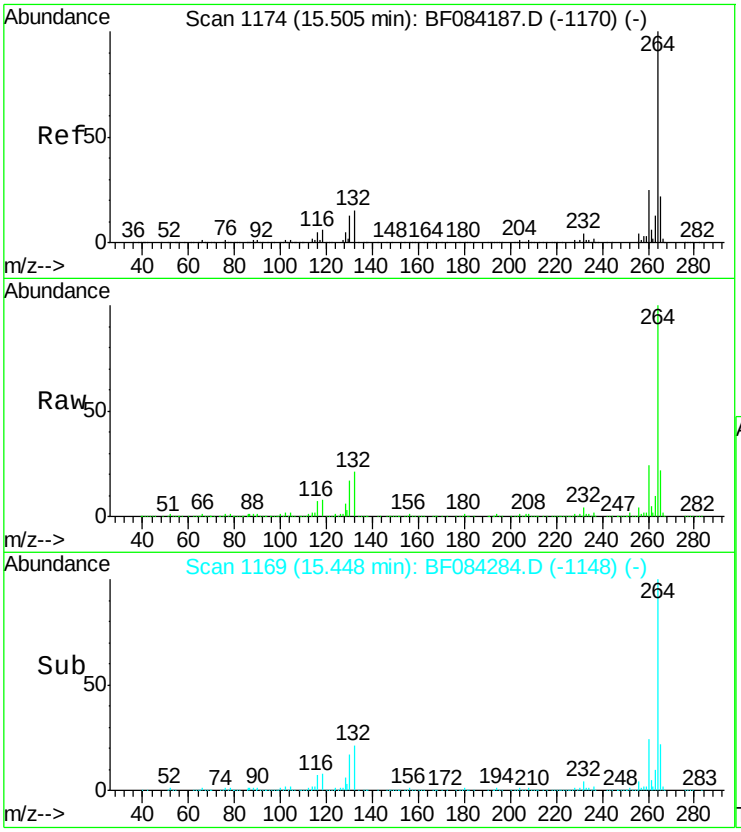


#85
Indeno(1,2,3-cd)pyrene
Concen: 33.64 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:276 Resp: 1239956

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	24.8	20.1	30.1

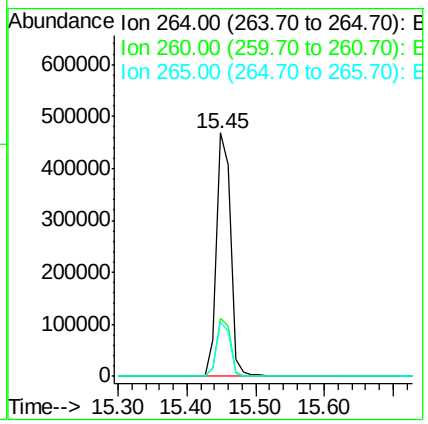




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:264 Resp: 686343

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.4	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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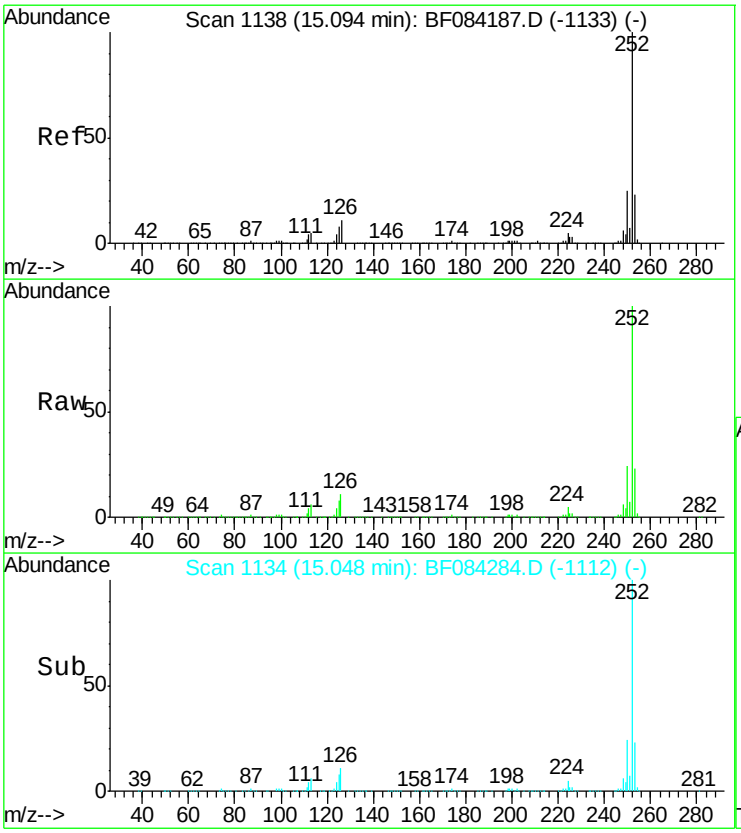
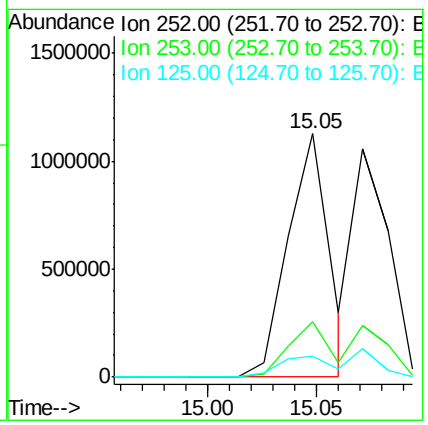
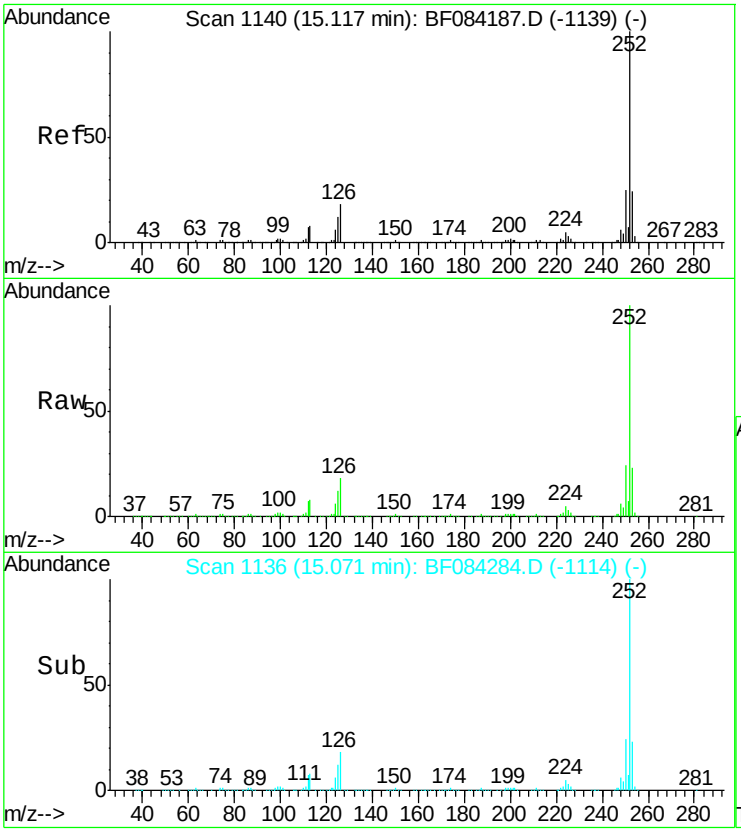


#87
Benzo(b)fluoranthene
Concen: 32.84 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:252 Resp: 1474231

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	8.3	6.5	9.7

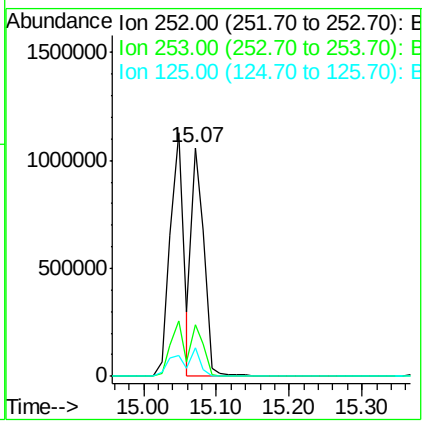




#88
Benzo(k)fluoranthene
Concen: 34.26 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:252 Resp: 1258036

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.5	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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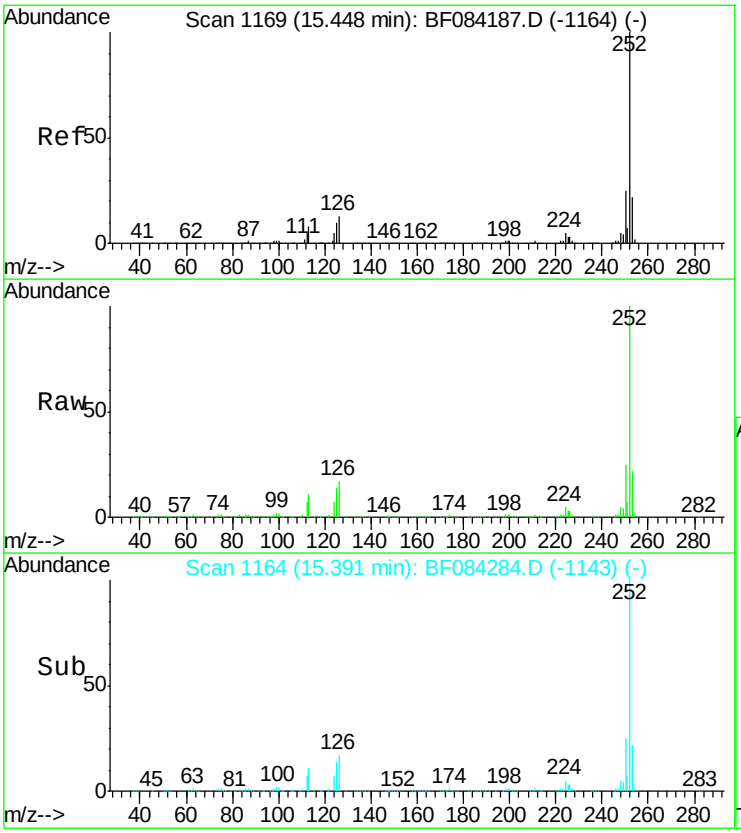
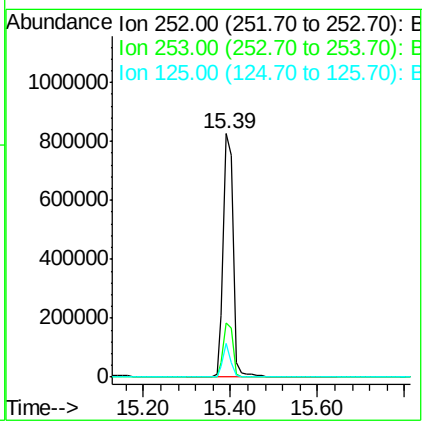
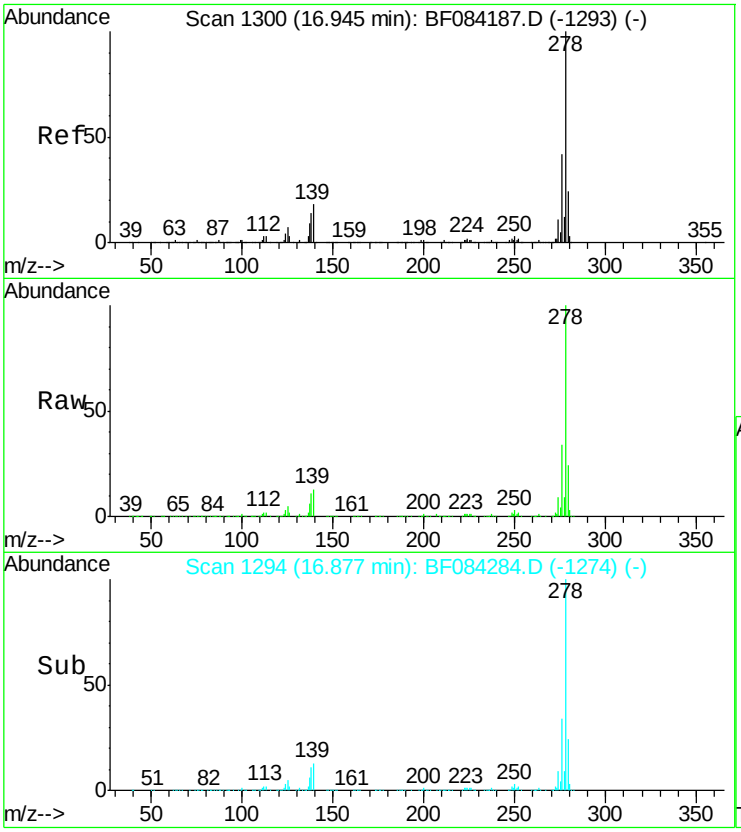


#89
Benzo(a)pyrene
Concen: 34.16 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:252 Resp: 1300701

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.7	7.0	10.4#

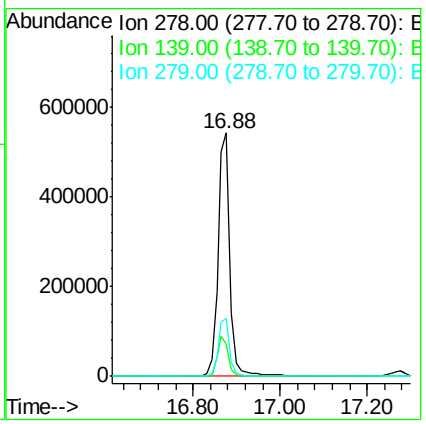




#90
Dibenzo(a,h)anthracene
Concen: 31.73 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:278 Resp: 1039744

Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.0	22.4#
279	23.9	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

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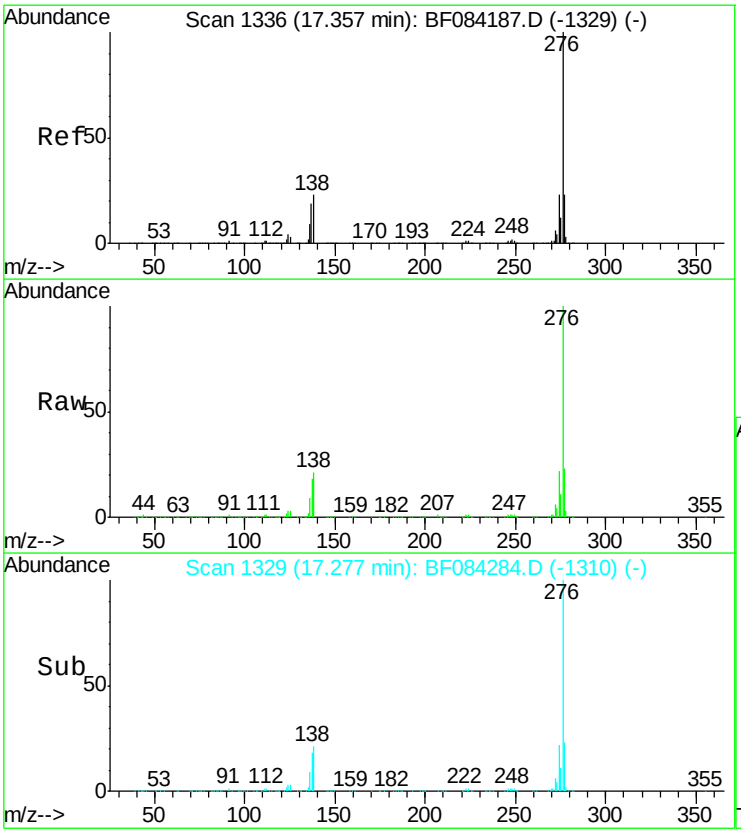
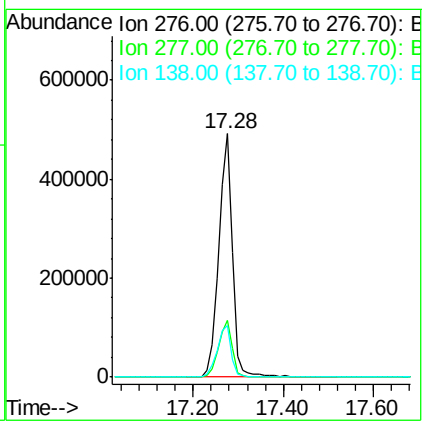


#91
Benzo(g,h,i)perylene
Concen: 30.34 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.08 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:276 Resp: 1029634

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.3	17.8	26.6