Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084764.D
Acq On : 3 Feb 2016 1:08
Operator : SJ/IZ
Sample : PB88115BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88115BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:44 PM

Quant Time: Feb 03 13:08:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	172336	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	752527	20.00	ng		-0.03
38) Acenaphthene-d10	9.73	164	346468	20.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	671233	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	558528	20.00	ng		-0.02
86) Perylene-d12	15.22	264	381511	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	177702	16.06	ng		-0.02
7) Phenol-d6	6.34	99	224574	16.37	ng		-0.03
23) Nitrobenzene-d5	7.26	82	128330	9.61	ng		-0.03
41) 2,4,6-Tribromophenol	10.52	330	59495	16.46	ng		-0.03
44) 2-Fluorobiphenyl	9.06	172	259031	8.81	ng		-0.03
78) Terphenyl-d14	12.80	244	279801	11.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	23077	4.76	ng	#	68
3) Pyridine	2.97	79	55560	4.40	ng	#	79
4) n-Nitrosodimethylamine	2.84	42	31491	4.82	ng	#	66
6) Aniline	6.35	93	68927	4.11	ng	#	40
8) 2-Chlorophenol	6.48	128	67566	5.39	ng		94
9) Benzaldehyde	6.24	77	27719	3.42	ng		96
10) Phenol	6.35	94	86780	5.65	ng		87
11) bis(2-Chloroethyl)ether	6.43	93	64593	5.39	ng		87
12) 1,3-Dichlorobenzene	6.64	146	68648	5.19	ng		98
13) 1,4-Dichlorobenzene	6.72	146	66026m	4.99	ng		
14) 1,2-Dichlorobenzene	6.86	146	67589	5.49	ng		97
15) Benzyl Alcohol	6.84	79	49374	5.21	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	105093	5.21	ng		86
17) 2-Methylphenol	6.97	107	53132	5.36	ng		98
18) Hexachloroethane	7.21	117	25624	5.03	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	44336	5.16	ng	#	88
20) 3+4-Methylphenols	7.13	107	69656	5.67	ng		89
22) Acetophenone	7.10	105	91055	4.59	ng		97
24) Nitrobenzene	7.28	77	62786	4.39	ng		95
25) Isophorone	7.52	82	114228	4.40	ng	#	93
26) 2-Nitrophenol	7.61	139	28926	4.10	ng		97
27) 2,4-Dimethylphenol	7.65	122	58059	4.73	ng		92
28) bis(2-Chloroethoxy)methane	7.74	93	81928	5.32	ng		98
29) 2,4-Dichlorophenol	7.85	162	53470	5.09	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	58867	4.96	ng	#	94
31) Naphthalene	8.01	128	195409	5.18	ng		96
32) Benzoic acid	7.73	122	20620	2.63	ng		93
33) 4-Chloroaniline	8.06	127	63745	4.08	ng	#	90
34) Hexachlorobutadiene	8.13	225	31457	4.60	ng		98
35) Caprolactam	8.40	113	14873	4.60	ng	#	70
36) 4-Chloro-3-methylphenol	8.54	107	54435	4.54	ng		89
37) 2-Methylnaphthalene	8.69	142	123573	5.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	55820	5.07	ng		97
40) Hexachlorocyclopentadiene	8.85	237	33827	11.91	ng		99

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2/3/2016 6:25:44 PM

Quant Time: Feb 03 13:08:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	36096	5.09	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	33191	4.61	ng		94
45) 1,1'-Biphenyl	9.16	154	168922	5.46	ng		98
46) 2-Chloronaphthalene	9.18	162	118209	5.19	ng	#	89
47) 2-Nitroaniline	9.29	65	31819	4.41	ng	#	57
48) Acenaphthylene	9.60	152	189029	5.47	ng		98
49) Dimethylphthalate	9.46	163	128695	4.88	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	29038	5.04	ng	#	87
51) Acenaphthene	9.77	154	118142	5.25	ng		97
52) 3-Nitroaniline	9.69	138	29844	4.61	ng		92
53) 2,4-Dinitrophenol	9.80	184	15997	11.38	ng	#	83
54) Dibenzofuran	9.94	168	175888	6.40	ng		98
55) 4-Nitrophenol	9.87	139	36213	7.61	ng		93
56) 2,4-Dinitrotoluene	9.93	165	41476	5.64	ng		94
57) Fluorene	10.28	166	140664	6.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	29122	5.31	ng	#	87
59) Diethylphthalate	10.17	149	135285	5.25	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	60004	5.58	ng	#	84
61) 4-Nitroaniline	10.29	138	29650	4.70	ng		93
62) Azobenzene	10.43	77	138656	5.60	ng		86
64) 4,6-Dinitro-2-methylphenol	10.33	198	12691	3.06	ng	#	24
65) n-Nitrosodiphenylamine	10.40	169	120953	5.67	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	37198	5.02	ng	#	78
67) Hexachlorobenzene	10.83	284	41252	5.11	ng	#	83
68) Atrazine	10.92	200	36056	5.36	ng		97
69) Pentachlorophenol	11.02	266	25271	6.66	ng		97
70) Phenanthrene	11.24	178	194990	5.24	ng		99
71) Anthracene	11.29	178	217040	5.79	ng		98
72) Carbazole	11.45	167	184386	5.64	ng		97
73) Di-n-butylphthalate	11.79	149	215313	5.17	ng		100
74) Fluoranthene	12.42	202	210654	5.59	ng		96
76) Benzidine	12.54	184	60779	8.95	ng		97
77) Pyrene	12.65	202	214964	5.03	ng		98
79) Butylbenzylphthalate	13.28	149	83106	4.28	ng		96
80) Benzo(a)anthracene	13.84	228	168570	4.86	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	36493	2.97	ng	#	94
82) Chrysene	13.87	228	161056	4.79	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	108370	4.49	ng	#	97
84) Di-n-octyl phthalate	14.45	149	167308	4.20	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.51	276	103201	3.90	ng		98
87) Benzo(b)fluoranthene	14.84	252	142167m	5.55	ng		
88) Benzo(k)fluoranthene	14.87	252	104931m	4.95	ng		
89) Benzo(a)pyrene	15.16	252	106610	4.88	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	88317	4.80	ng		96
91) Benzo(g,h,i)perylene	16.90	276	91528	4.94	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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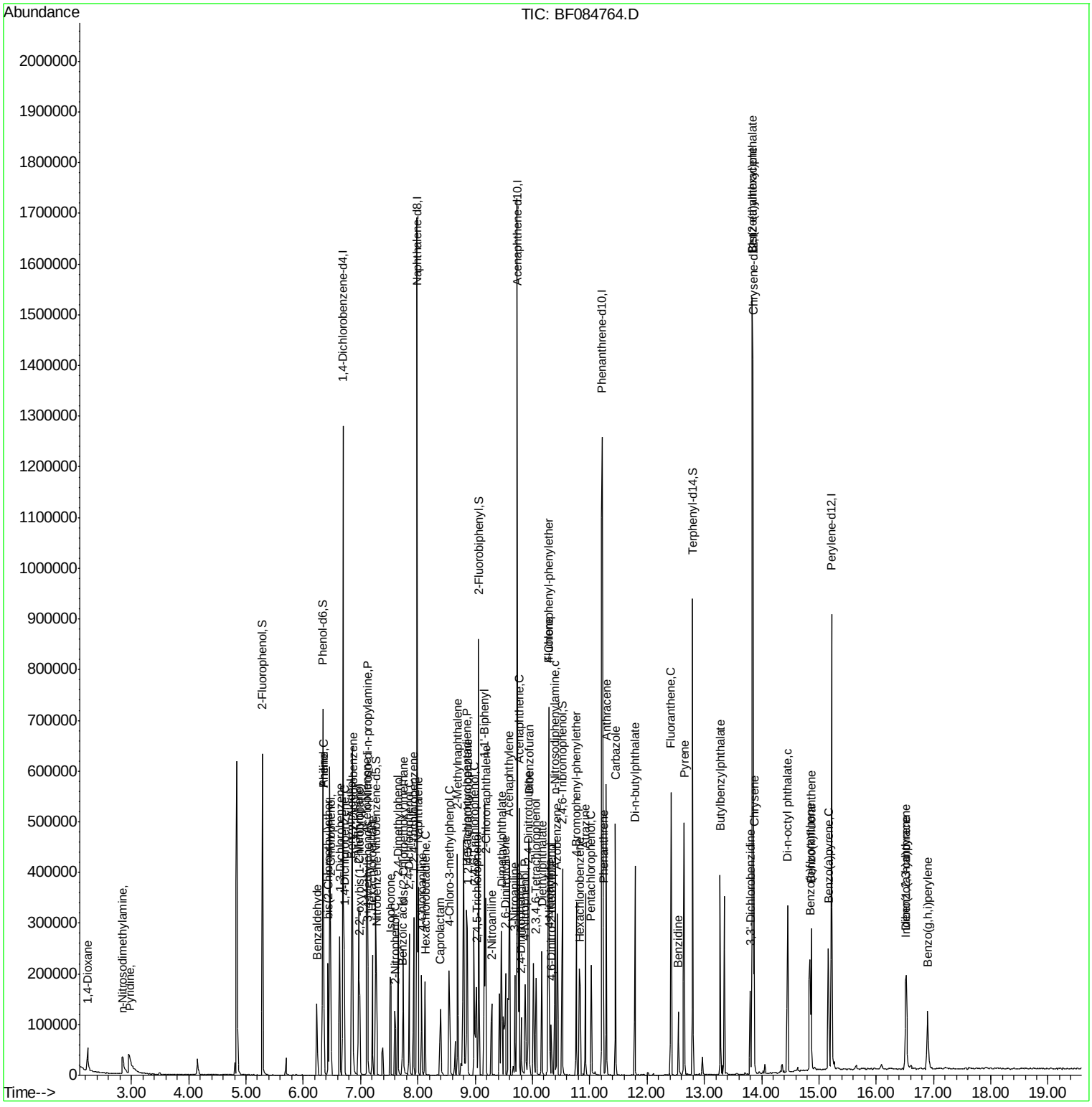
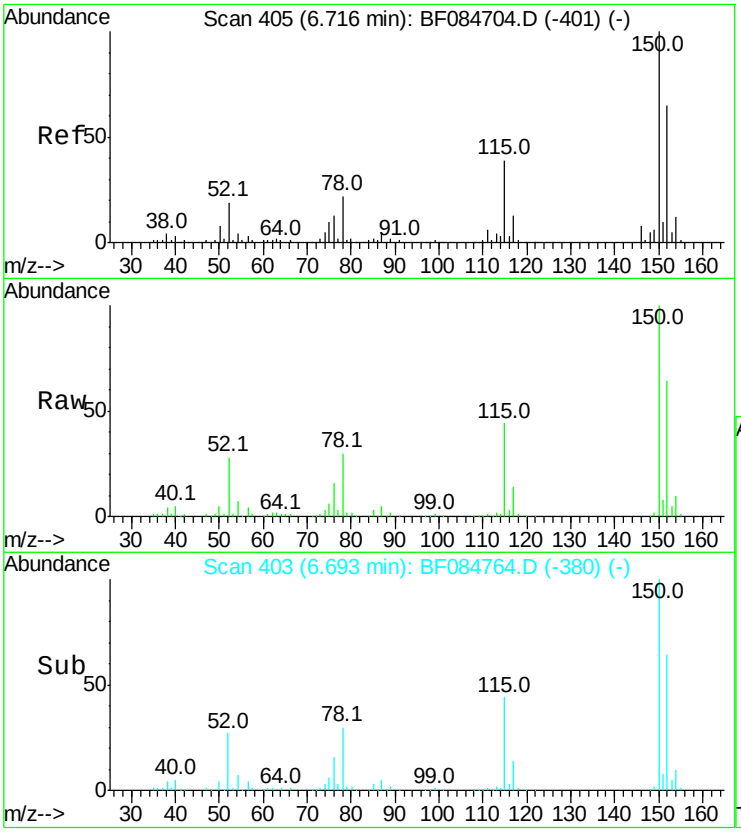
2/3/2016 6:25:44 PM

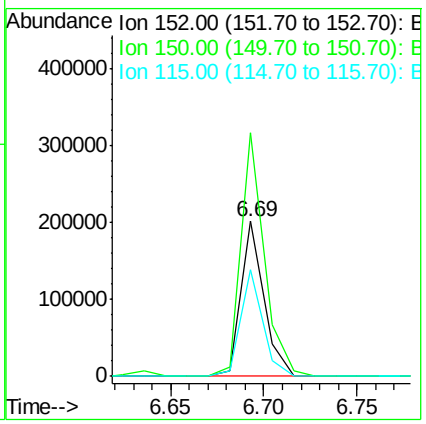




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:152 Resp: 172336

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	69.0	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
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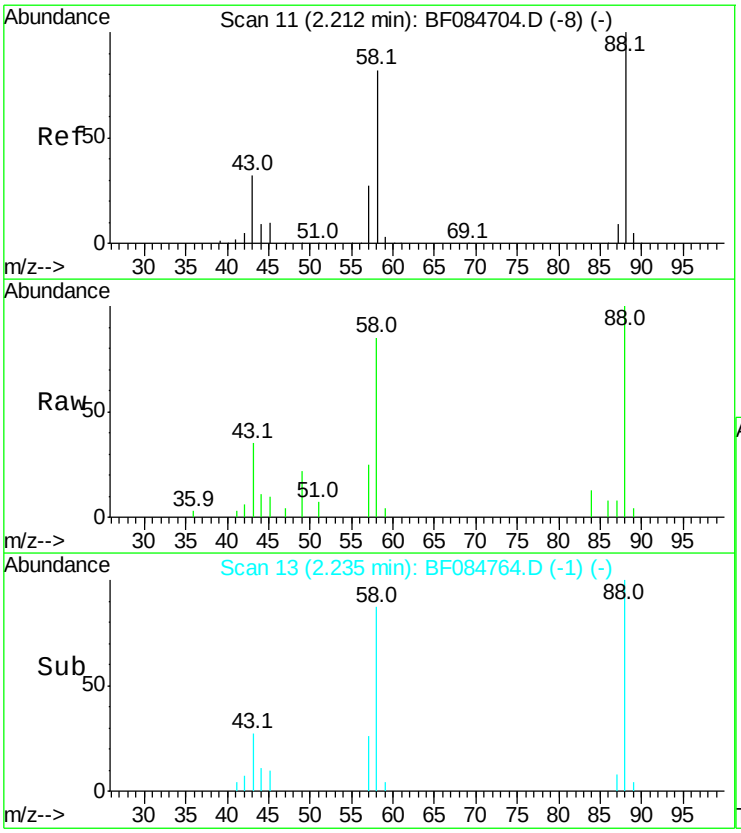
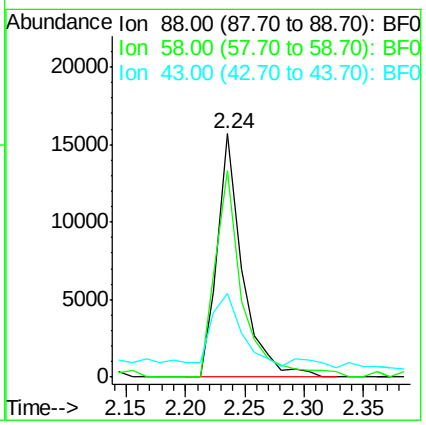
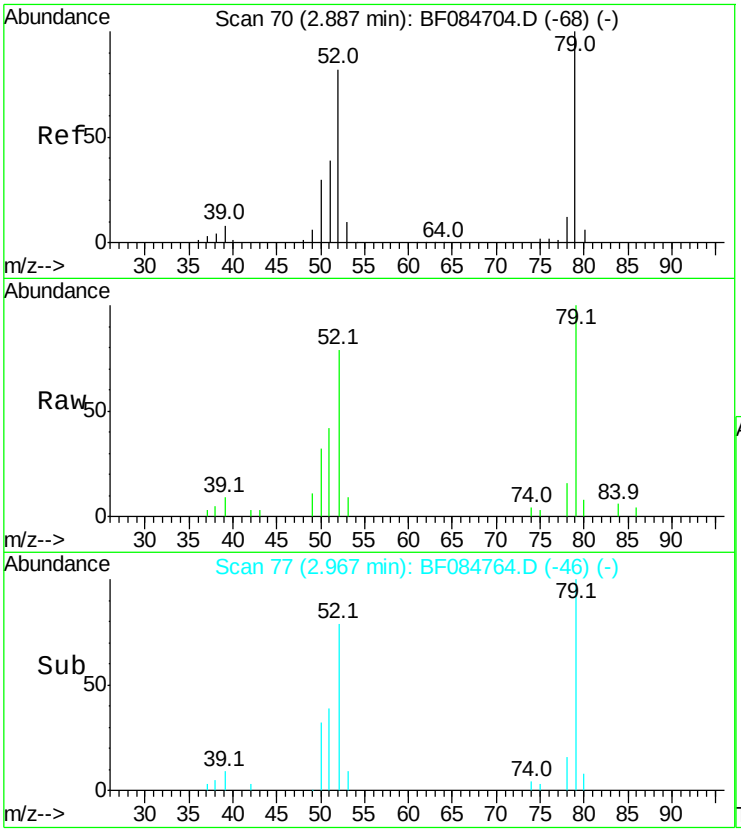


#2
1,4-Dioxane
Concen: 4.76 ng
RT: 2.24 min Scan# 13
Delta R.T. 0.01 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 88 Resp: 23077

Ion	Ratio	Lower	Upper
88	100		
58	91.6	51.2	76.8#
43	35.5	19.5	29.3#





#3
Pyridine
Concen: 4.40 ng
RT: 2.97 min Scan# 77
Delta R.T. 0.06 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 79 Resp: 55560

Ion	Ratio	Lower	Upper
79	100		
52	78.6	49.0	73.4#
51	41.7	25.2	37.8#

Instrument :
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ClientSampleId :
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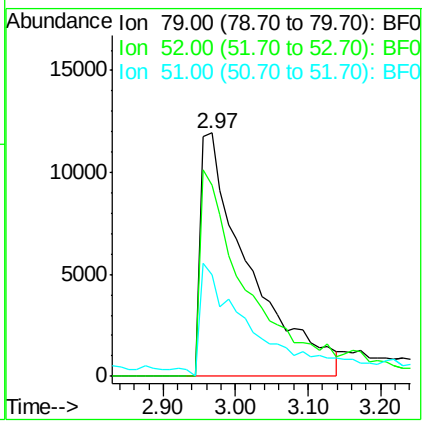
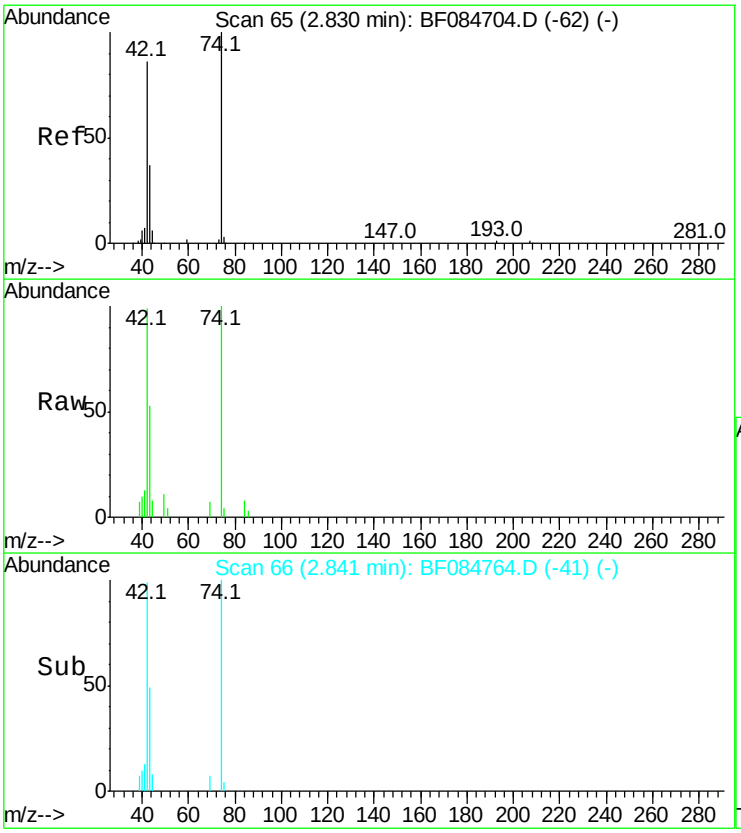
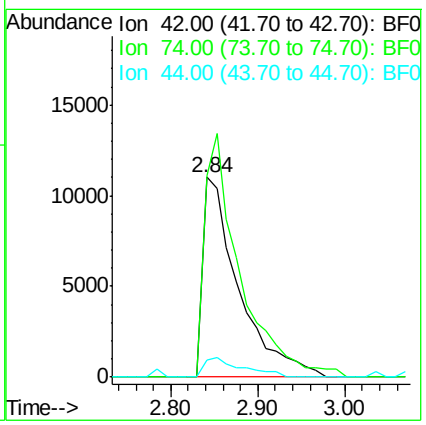


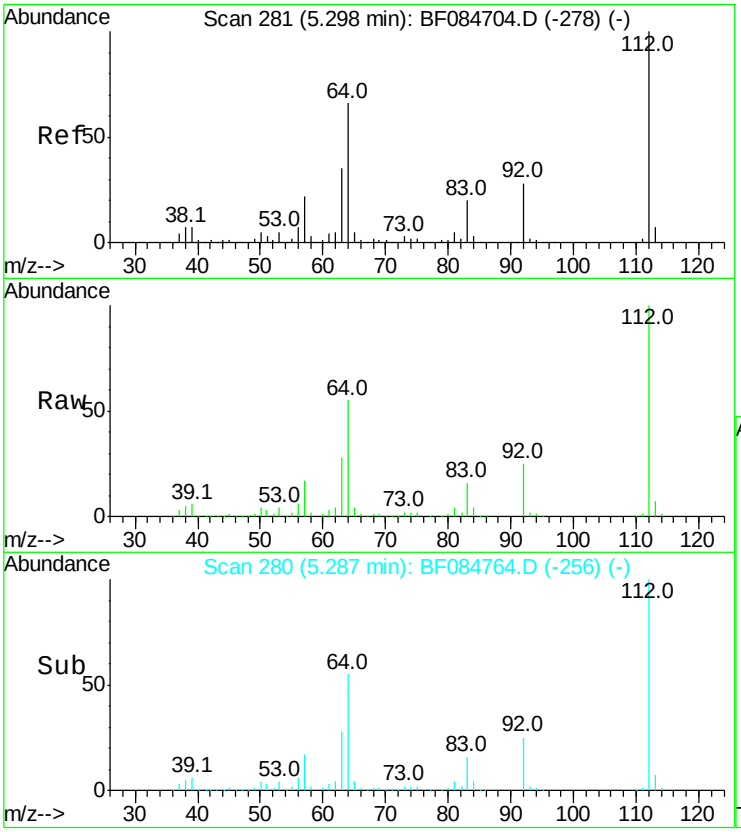


#4
n-Nitrosodimethylamine
Concen: 4.82 ng
RT: 2.84 min Scan# 66
Delta R.T. -0.01 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 42 Resp: 31491

Ion	Ratio	Lower	Upper
42	100		
74	100.6	115.7	173.5#
44	8.5	5.1	7.7#

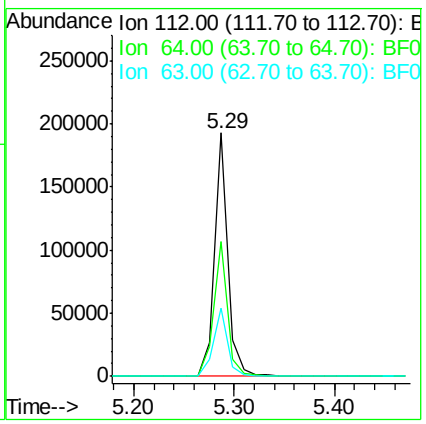




#5
2-Fluorophenol
Concen: 16.06 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:112 Resp: 177702

Ion	Ratio	Lower	Upper
112	100		
64	55.4	36.6	55.0#
63	27.8	19.4	29.0



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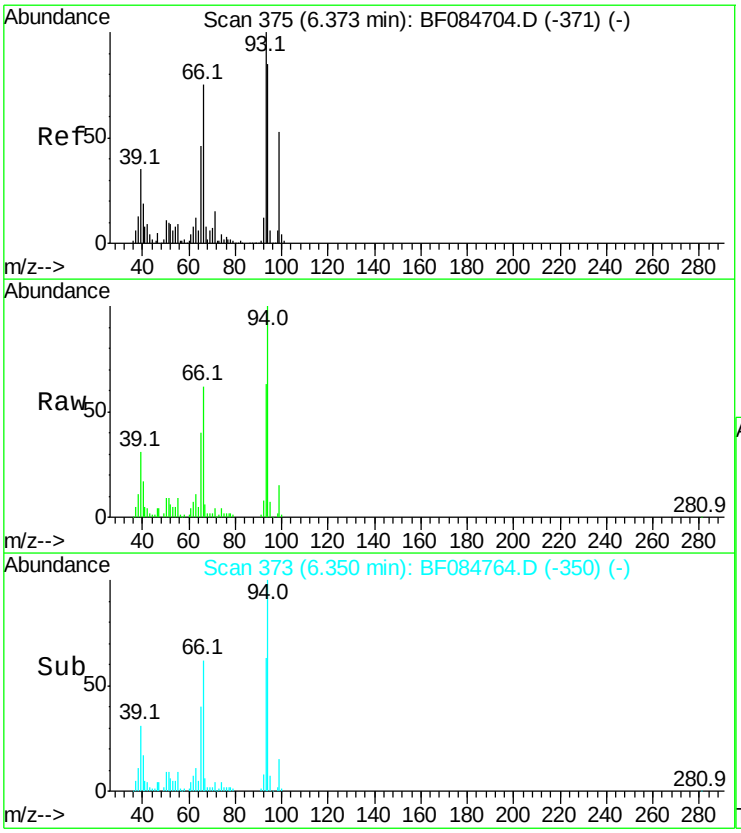
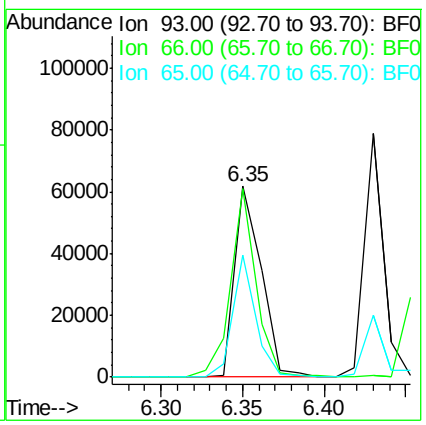
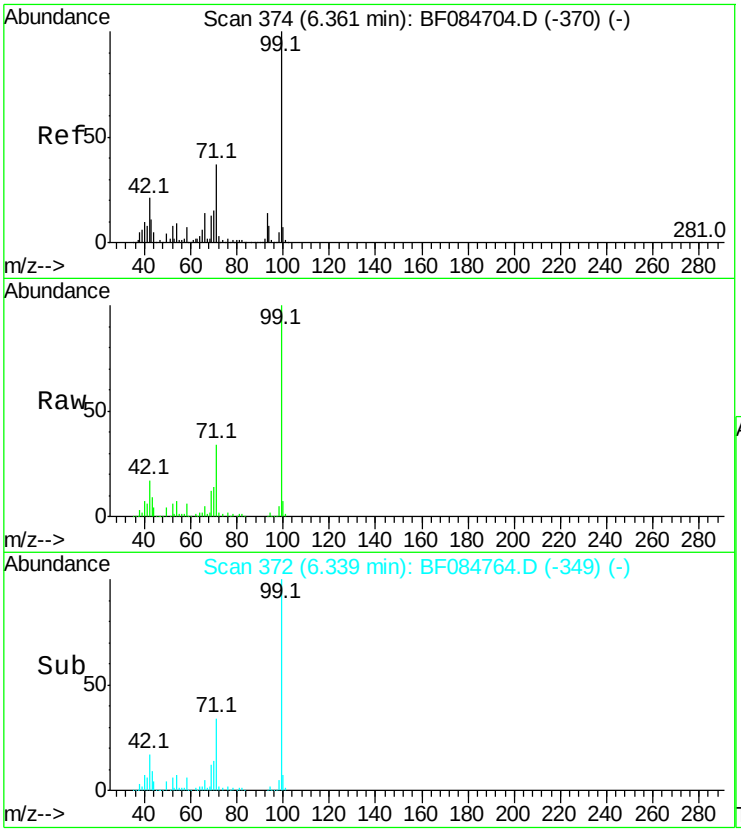


#6
Aniline
Concen: 4.11 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 93 Resp: 68927

Ion	Ratio	Lower	Upper
93	100		
66	98.7	44.9	67.3#
65	63.9	23.7	35.5#

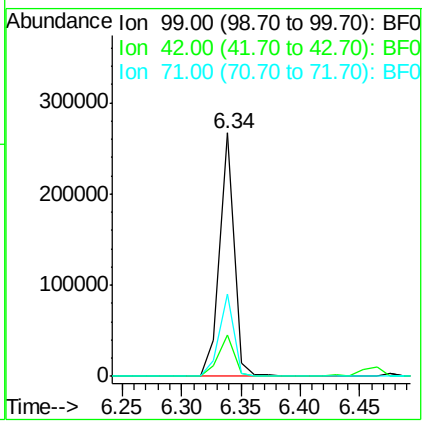




#7
Phenol-d6
Concen: 16.37 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 99 Resp: 224574

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.8	19.2
71	33.6	30.9	46.3



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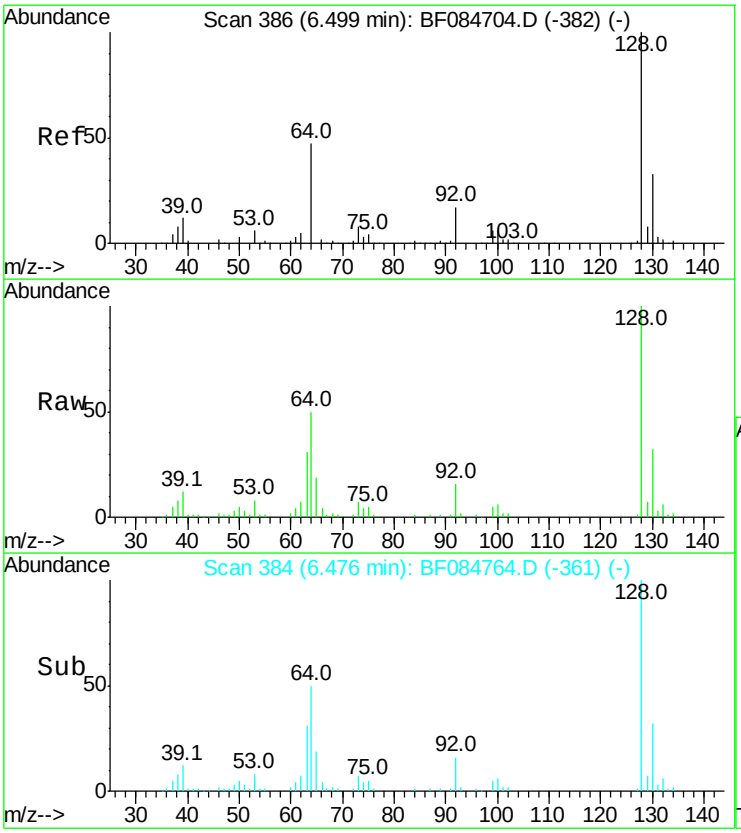
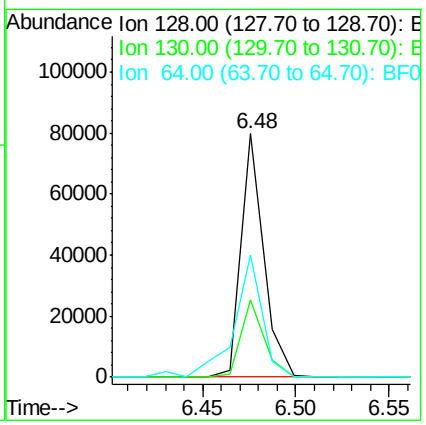
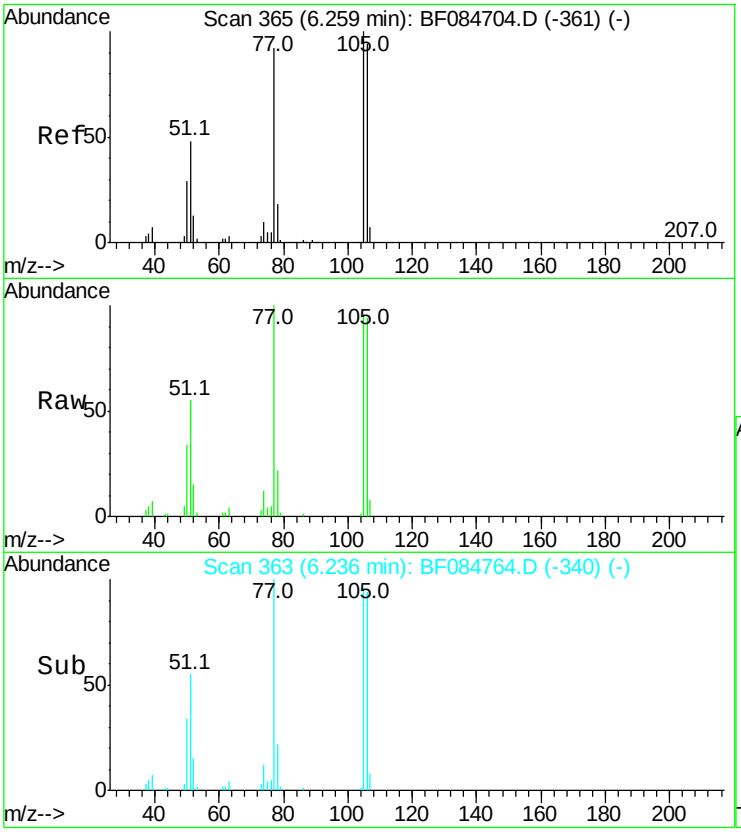


#8
2-Chlorophenol
Concen: 5.39 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:128 Resp: 67566

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.6	51.6
64	49.9	23.8	63.8

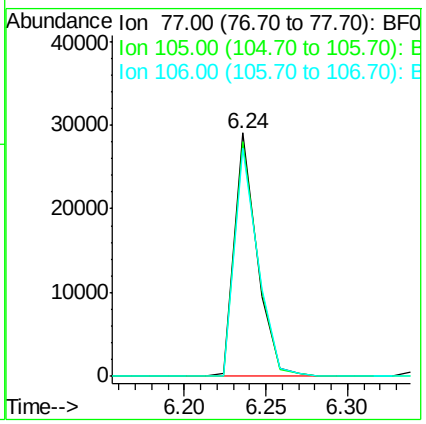




#9
Benzaldehyde
Concen: 3.42 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 77 Resp: 27719

Ion	Ratio	Lower	Upper
77	100		
105	96.4	83.0	123.0
106	93.8	74.6	114.6



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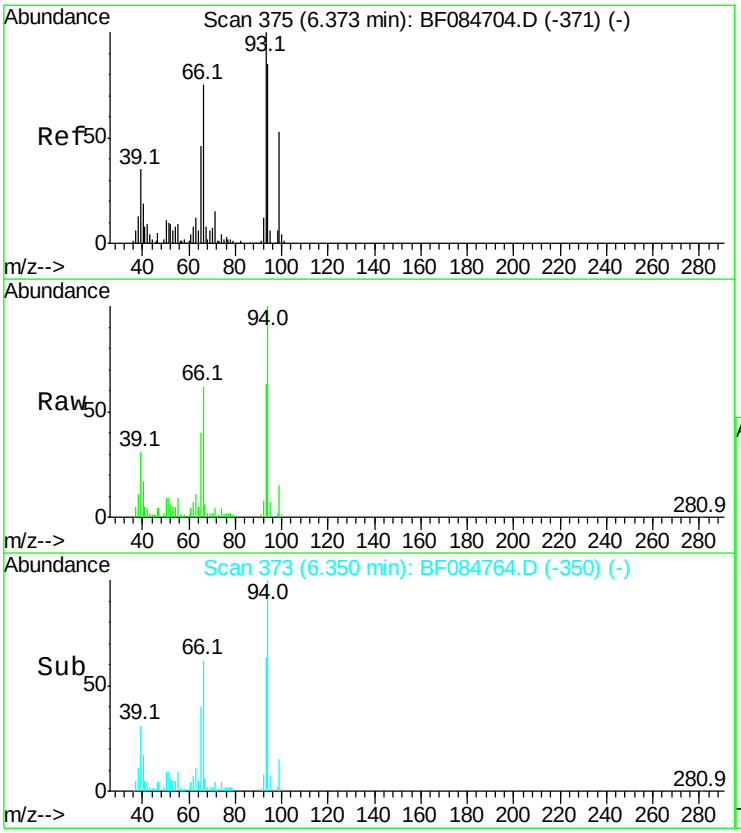
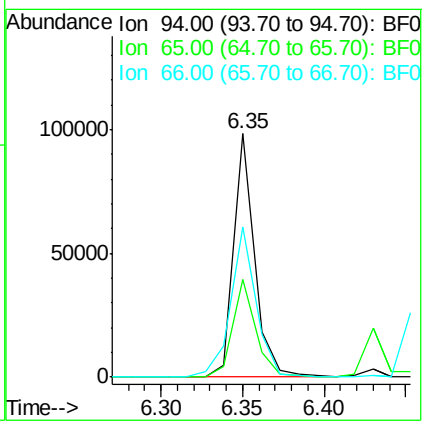
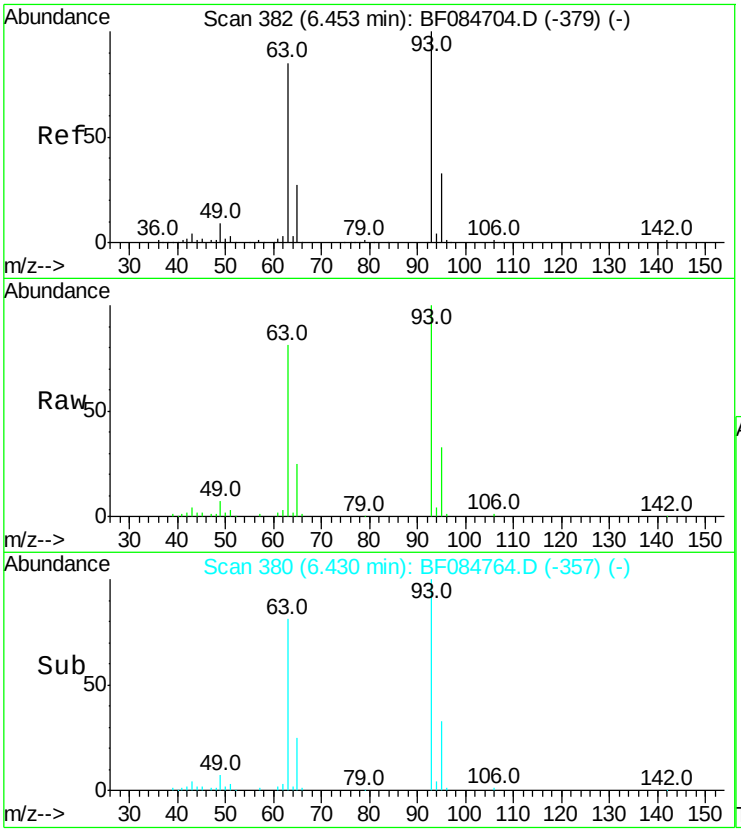


#10
Phenol
Concen: 5.65 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 94 Resp: 86780

Ion	Ratio	Lower	Upper
94	100		
65	40.1	12.9	52.9
66	61.9	32.7	72.7

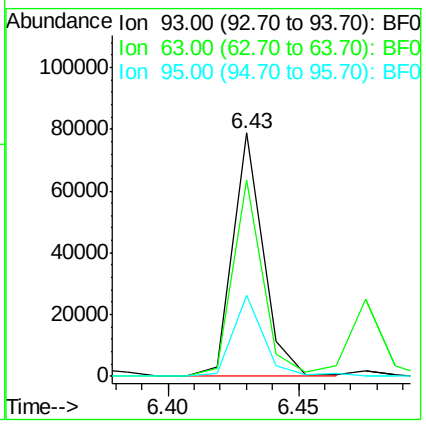




#11
bis(2-Chloroethyl)ether
Concen: 5.39 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 93 Resp: 64593

Ion	Ratio	Lower	Upper
93	100		
63	80.8	45.9	85.9
95	33.2	12.3	52.3



Instrument :
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MMDadoda
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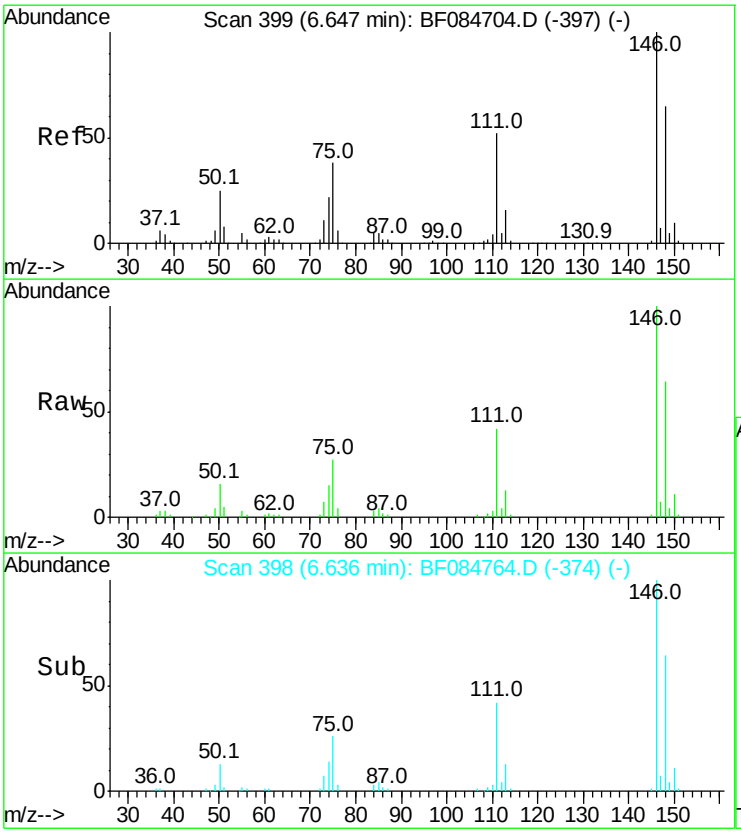
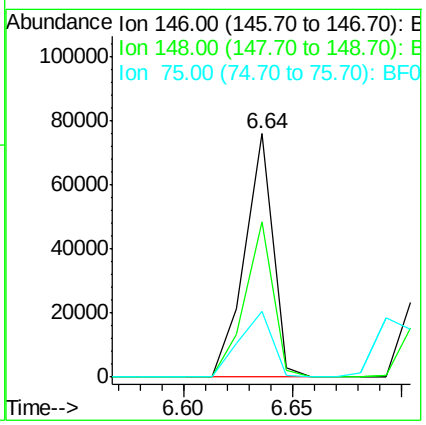
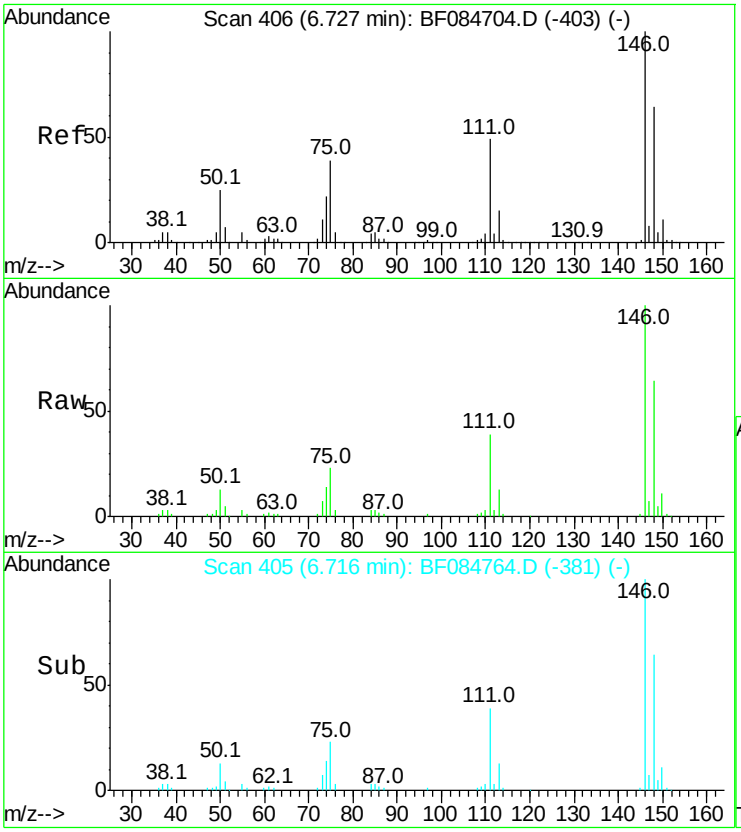


#12
1,3-Dichlorobenzene
Concen: 5.19 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:146 Resp: 68648

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
75	26.8	20.5	30.7

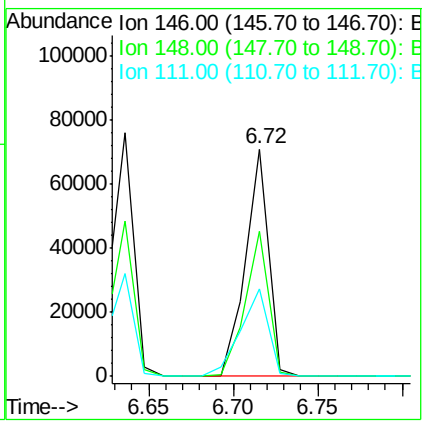




#13
1,4-Dichlorobenzene
Concen: 4.99 ng m
RT: 6.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:146 Resp: 66026

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	38.6	41.6	62.4#



Instrument :
BNA_F
ClientSampleId :
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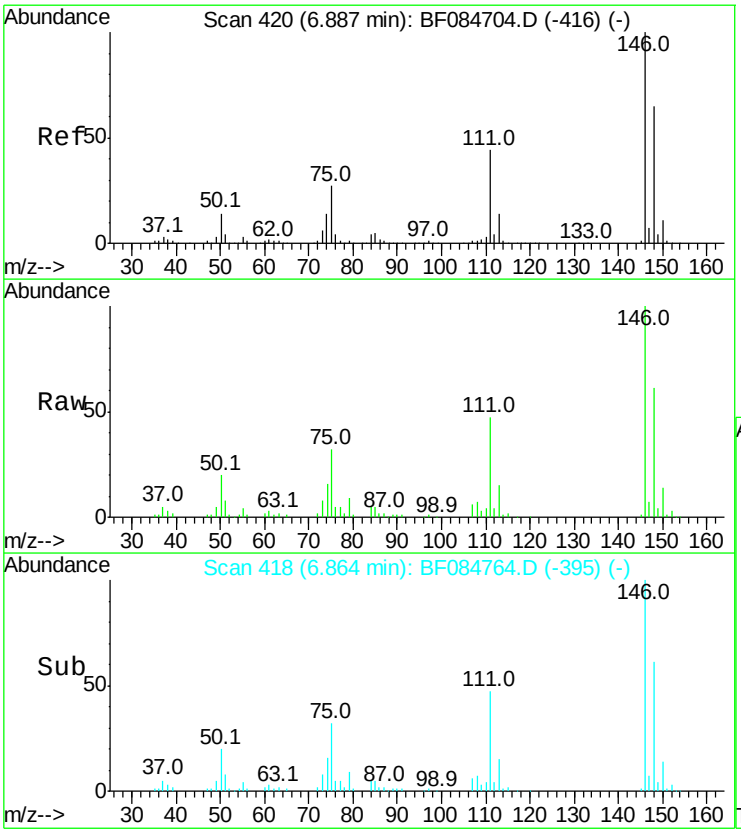
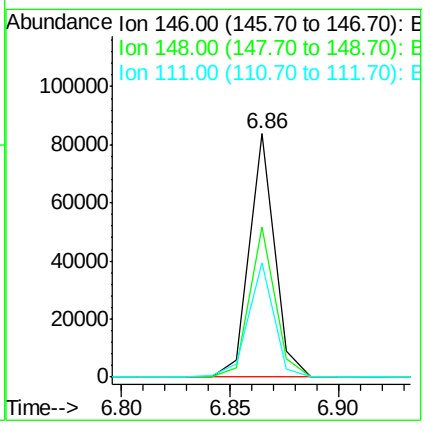
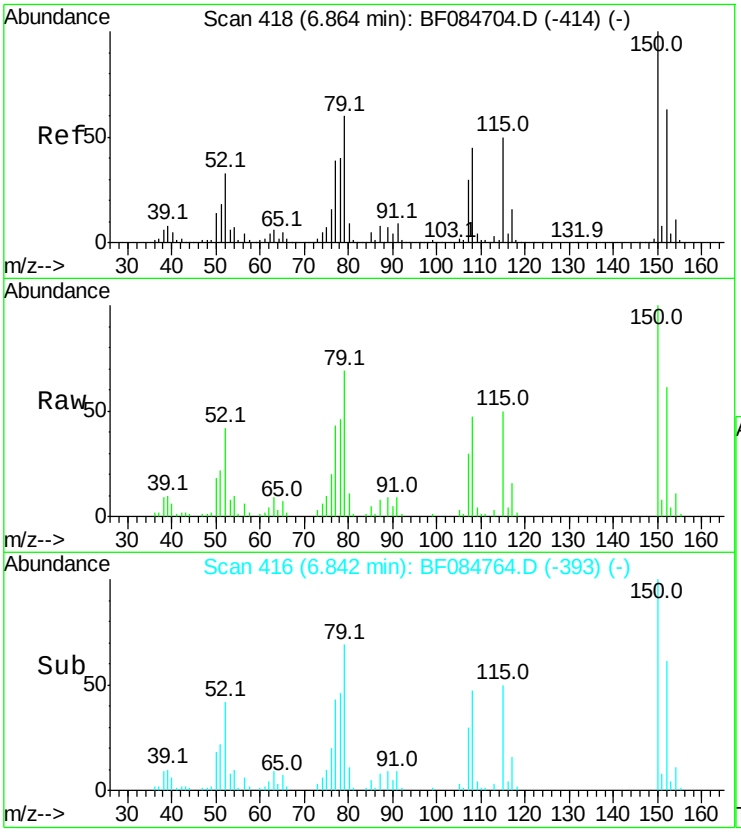


#14
1,2-Dichlorobenzene
Concen: 5.49 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:146 Resp: 67589

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.6	77.4
111	46.9	38.0	57.0





#15
Benzyl Alcohol
Concen: 5.21 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 79 Resp: 49374

Ion	Ratio	Lower	Upper
79	100		
108	67.1	69.0	103.4#
77	62.6	50.0	75.0

Instrument :
BNA_F
ClientSampleId :
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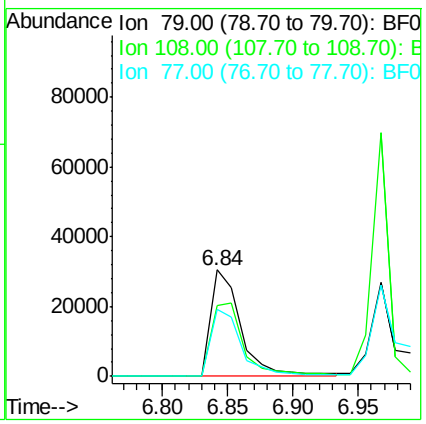
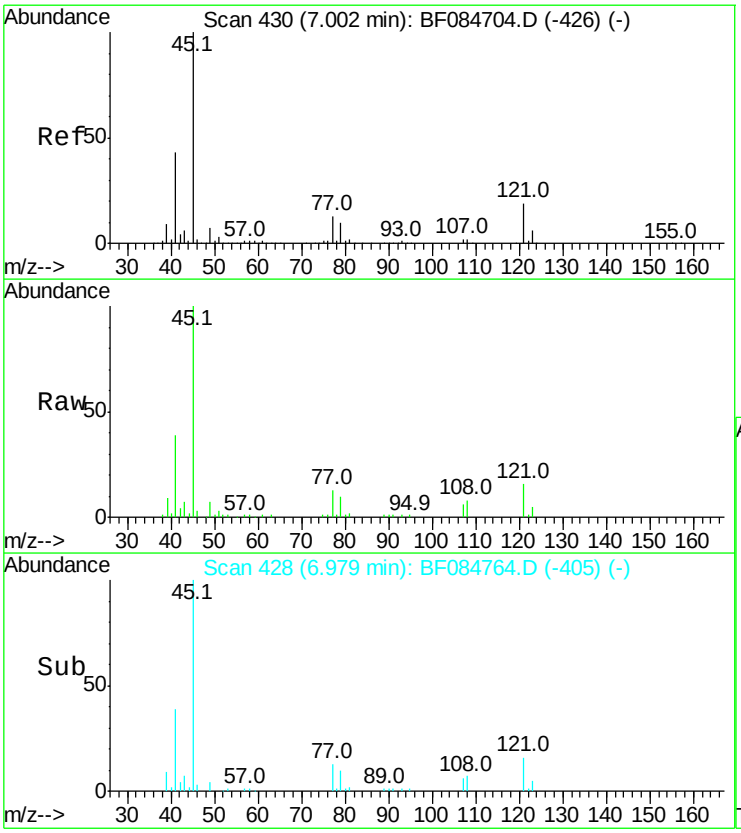
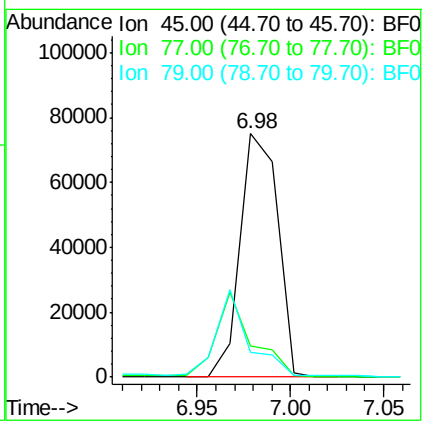


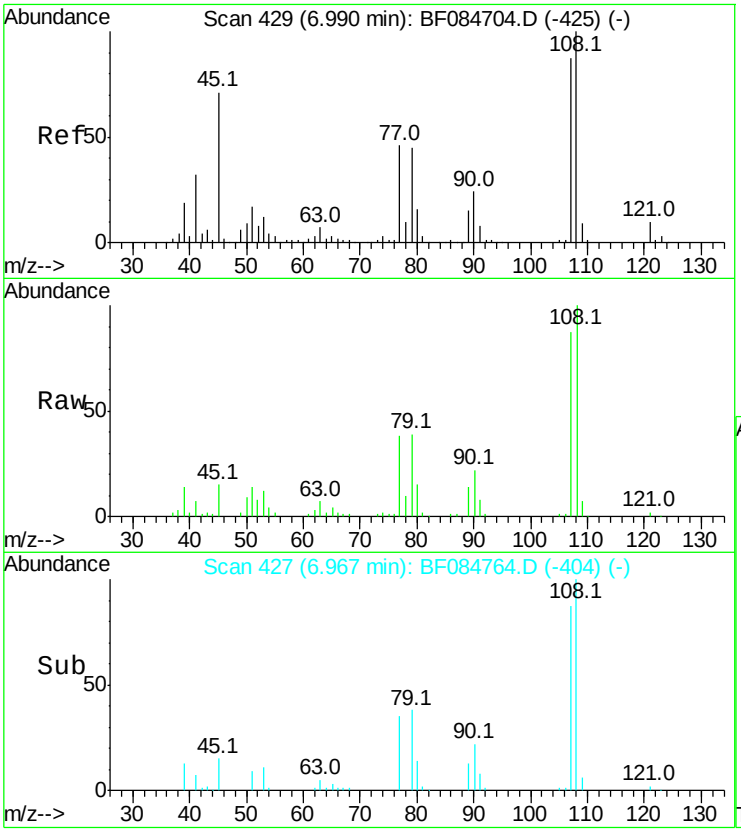


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.21 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 45 Resp: 105093

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	39.6
79	10.0	0.0	35.0

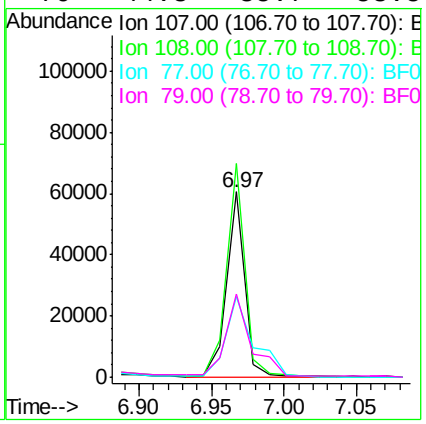




#17
2-Methylphenol
Concen: 5.36 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:107 Resp: 53132

Ion	Ratio	Lower	Upper
107	100		
108	115.4	89.8	134.6
77	43.5	35.7	53.5
79	44.8	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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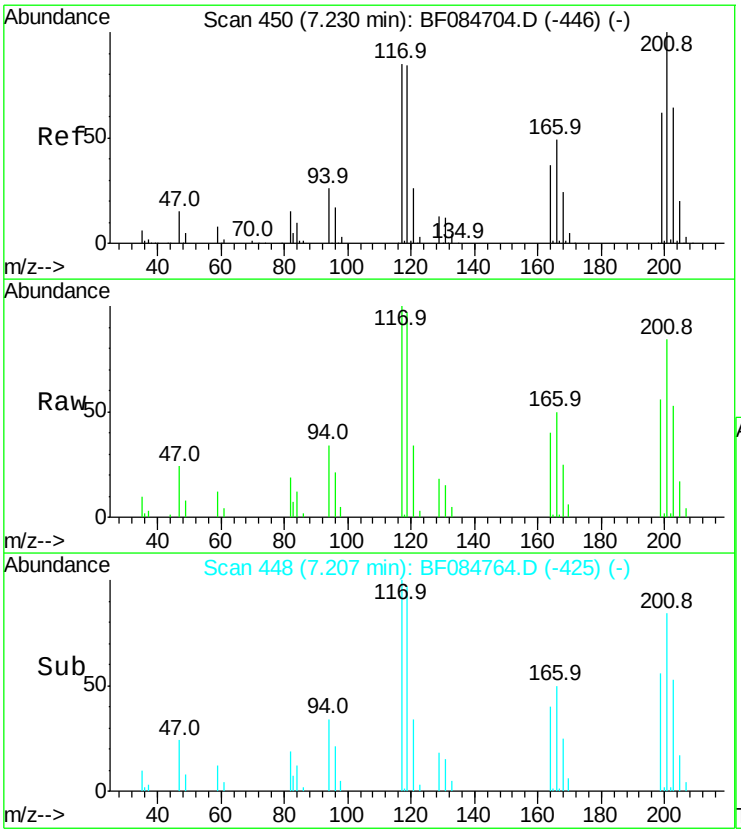
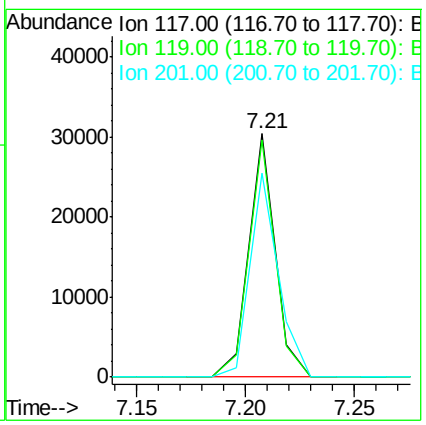
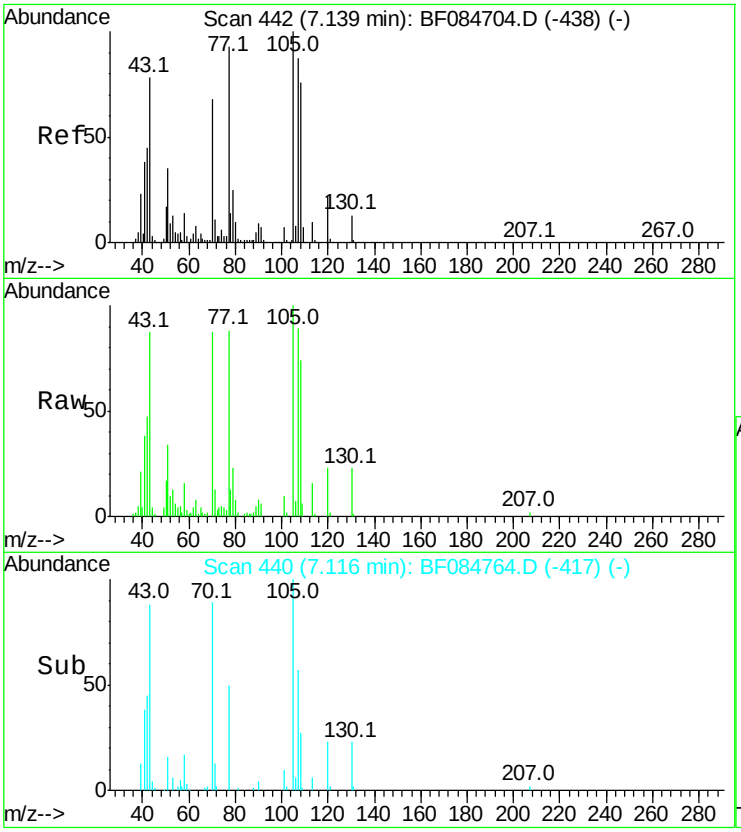


#18
Hexachloroethane
Concen: 5.03 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:117 Resp: 25624

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
201	83.5	68.6	103.0

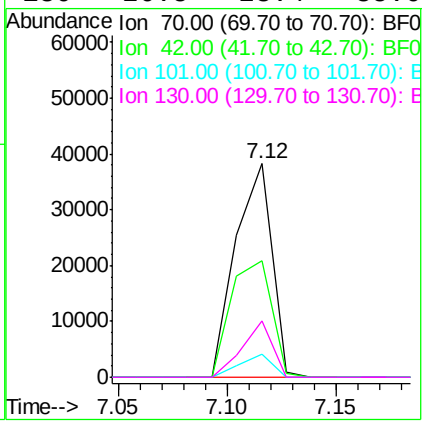




#19
n-Nitroso-di-n-propylamine
Concen: 5.16 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 70 Resp: 44336

Ion	Ratio	Lower	Upper
70	100		
42	54.3	33.3	49.9#
101	11.1	9.3	13.9
130	26.5	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
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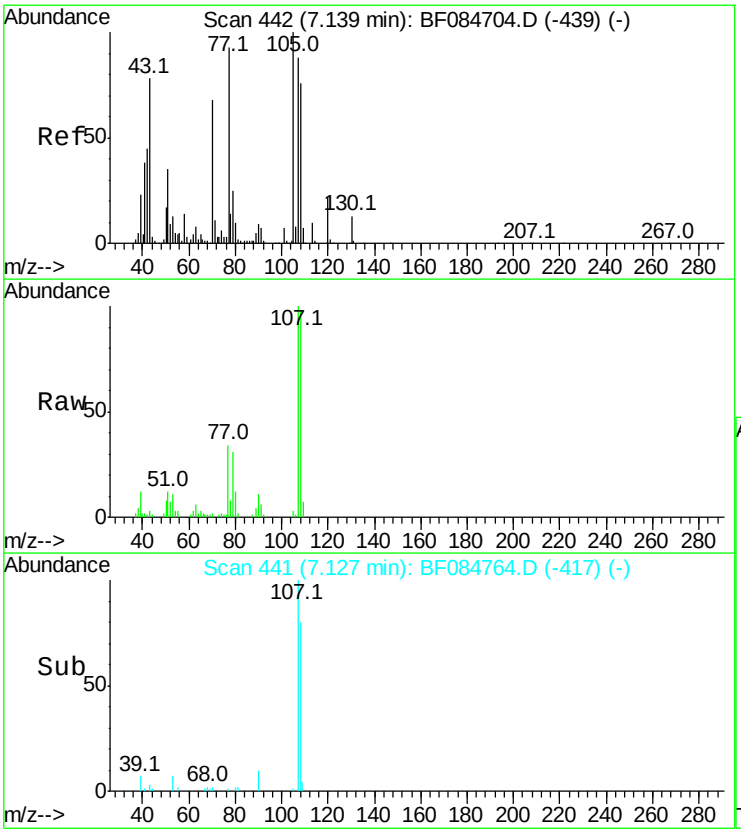
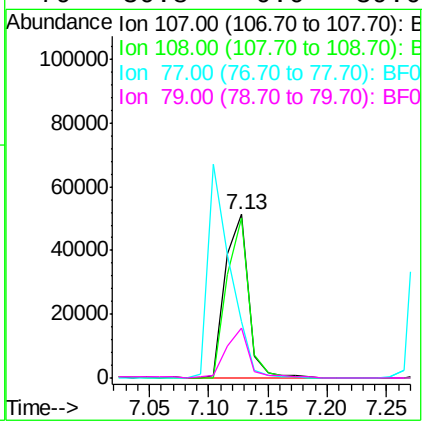
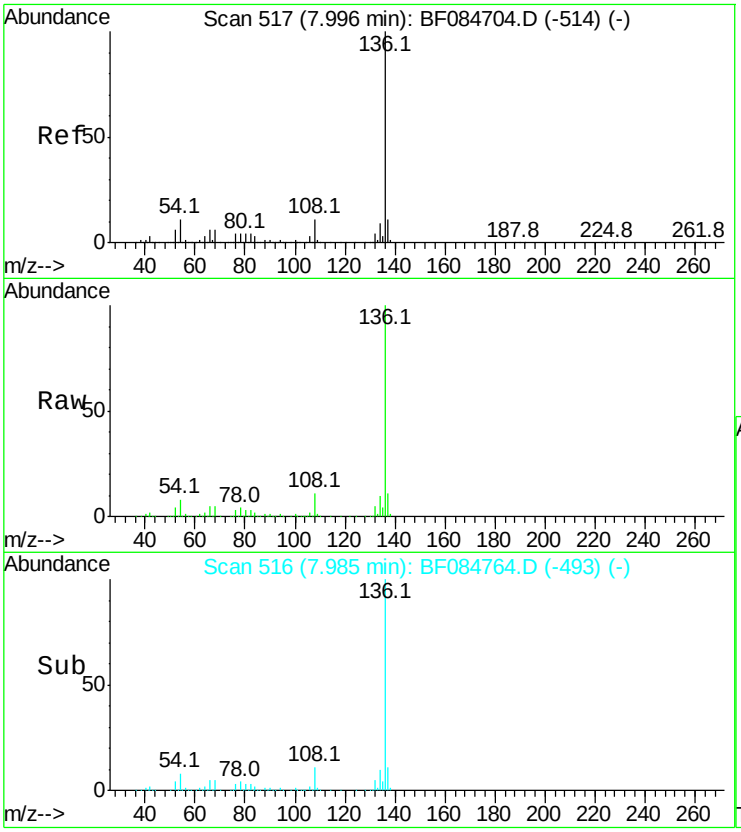


#20
3+4-Methylphenols
Concen: 5.67 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:107 Resp: 69656

Ion	Ratio	Lower	Upper
107	100		
108	98.3	74.6	114.6
77	34.2	0.7	40.7
79	30.8	0.0	39.0

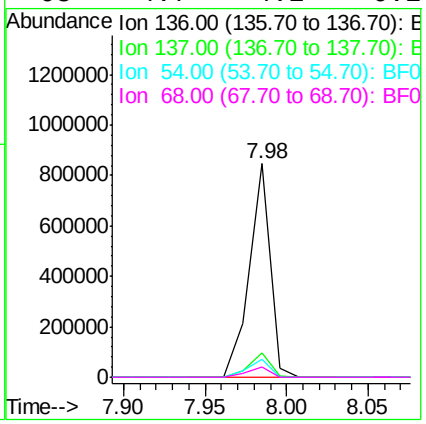




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:136 Resp: 752527

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.1	5.8	8.8
68	4.7	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
PB88115BS

Manual Integrations APPROVED
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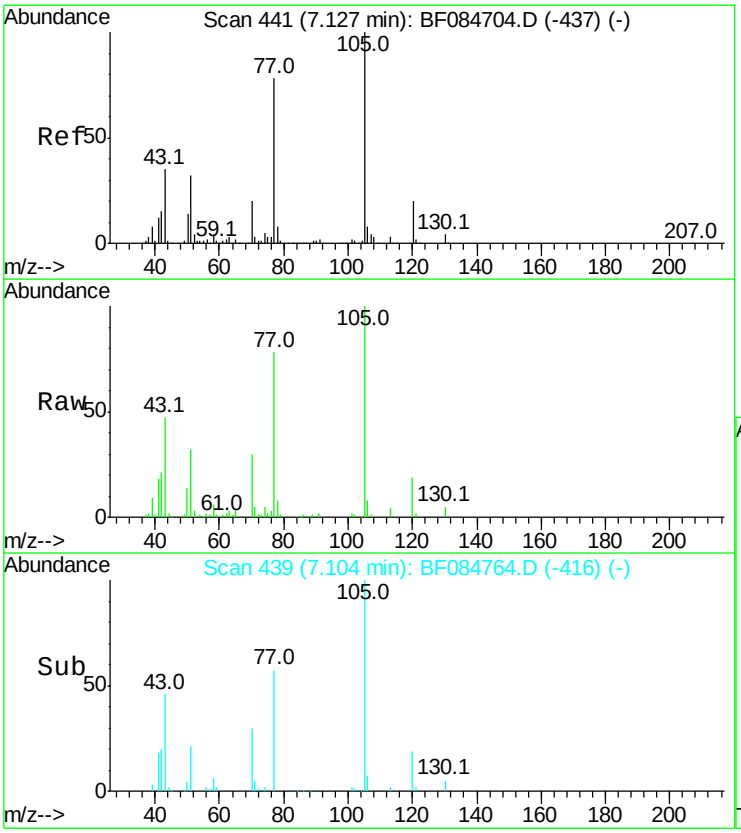
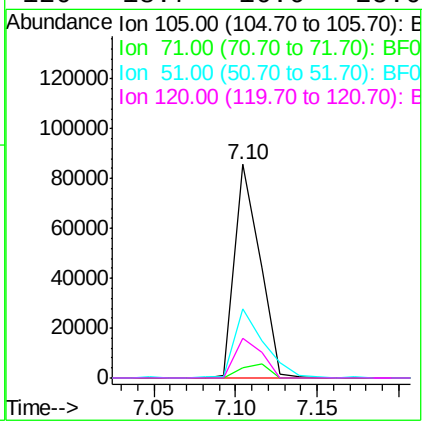
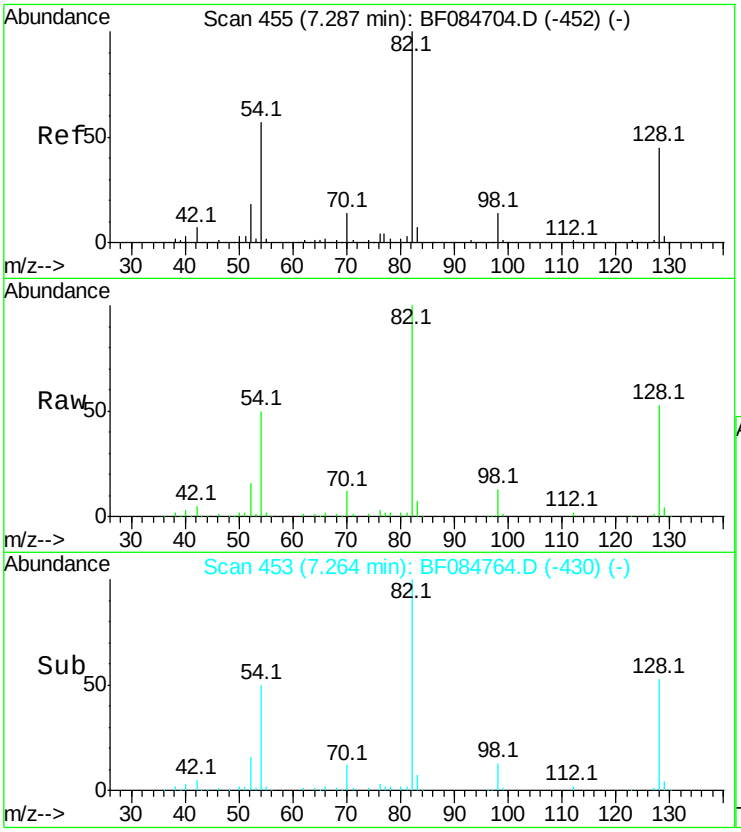


#22
Acetophenone
Concen: 4.59 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:105 Resp: 91055

Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.7	5.5
51	32.3	25.1	37.7
120	18.7	16.6	25.0

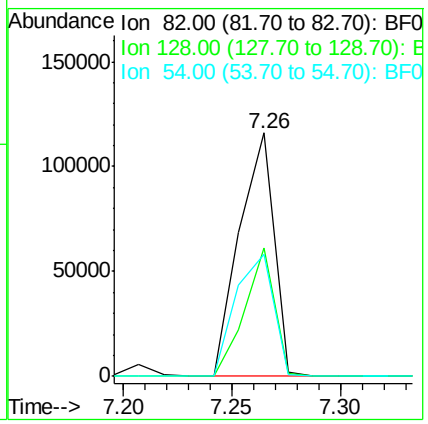




#23
Nitrobenzene-d5
Concen: 9.61 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 82 Resp: 128330

Ion	Ratio	Lower	Upper
82	100		
128	52.8	34.6	51.8#
54	50.3	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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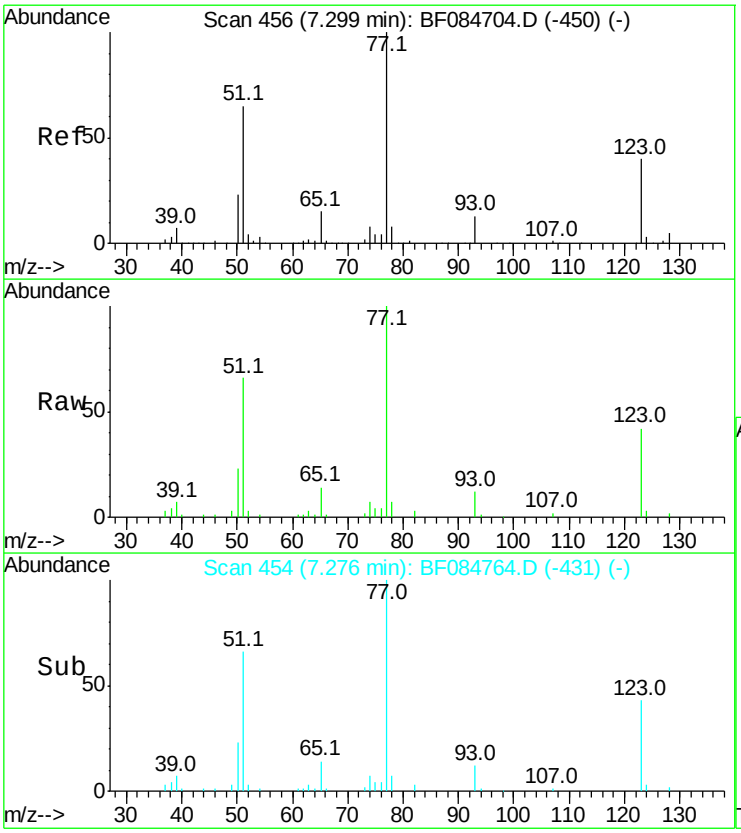
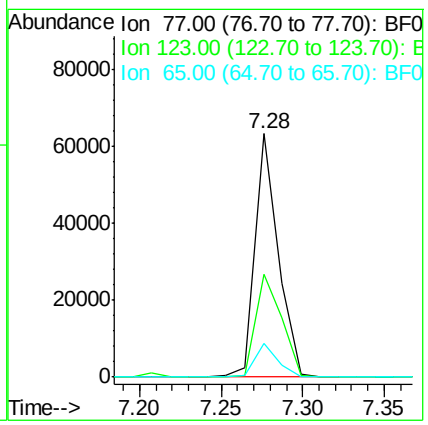
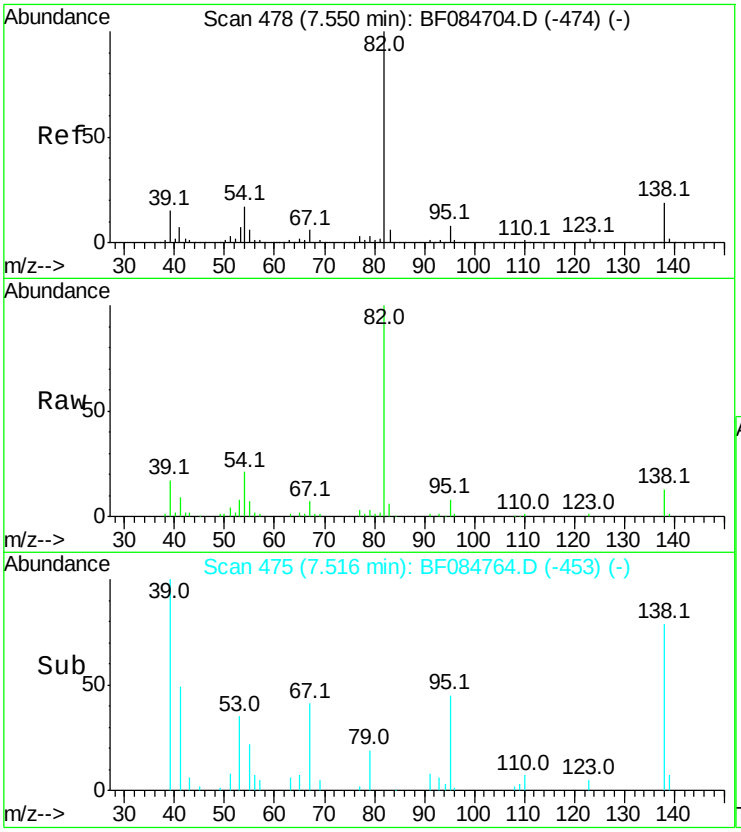


#24
Nitrobenzene
Concen: 4.39 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 77 Resp: 62786

Ion	Ratio	Lower	Upper
77	100		
123	42.5	37.4	56.2
65	13.7	10.9	16.3

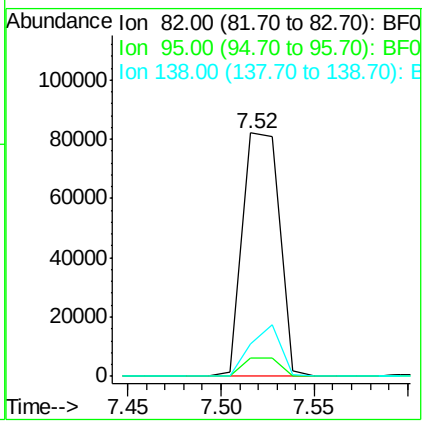




#25
Isophorone
Concen: 4.40 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 82 Resp: 114228

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.6	10.0
138	13.1	13.6	20.4#



Instrument :
BNA_F
ClientSampleId :
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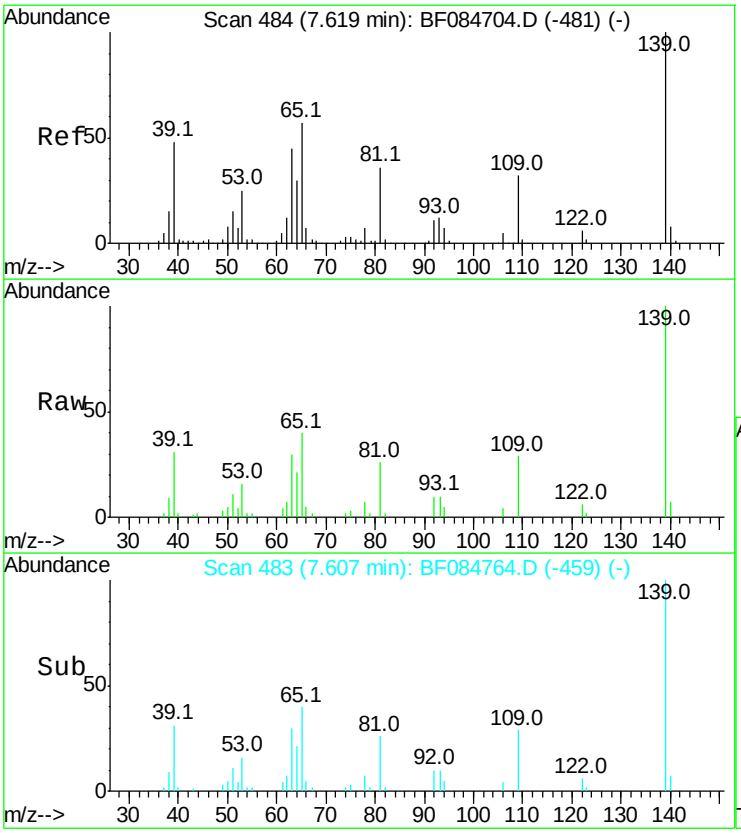
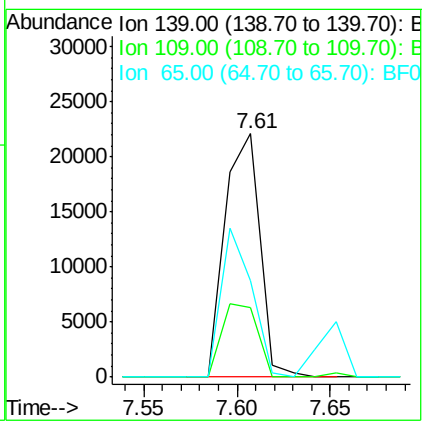
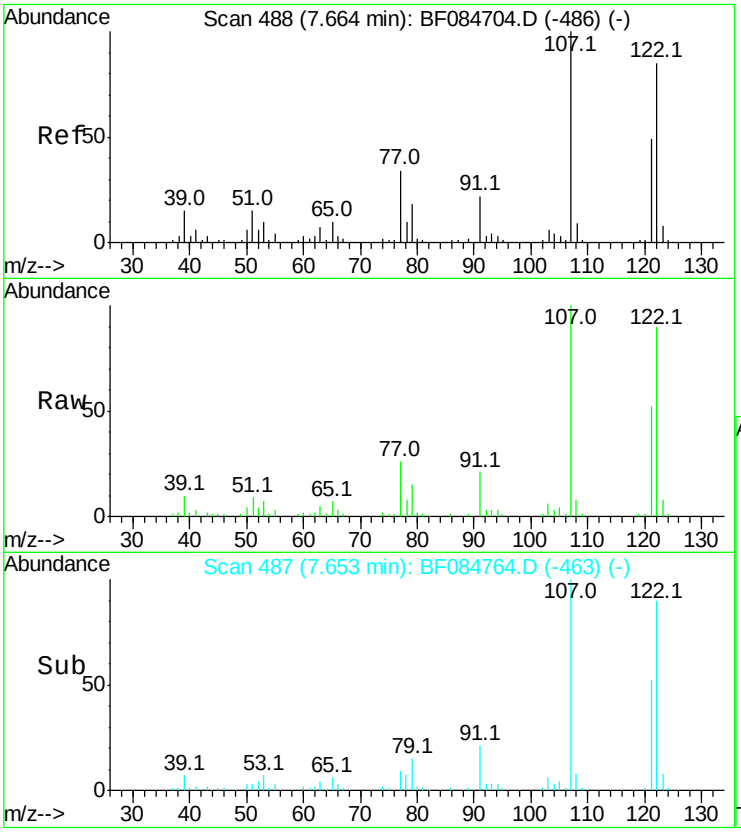


#26
2-Nitrophenol
Concen: 4.10 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:139 Resp: 28926

Ion	Ratio	Lower	Upper
139	100		
109	28.7	25.4	38.2
65	39.8	32.3	48.5

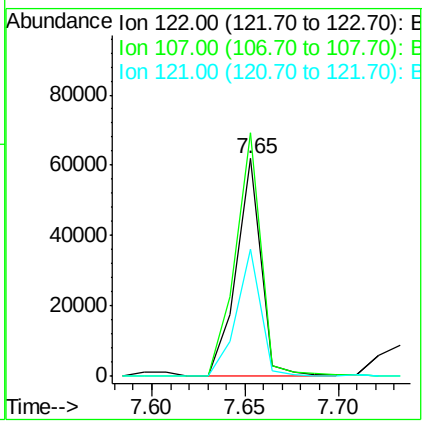




#27
2,4-Dimethylphenol
Concen: 4.73 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:122 Resp: 58059

Ion	Ratio	Lower	Upper
122	100		
107	111.7	99.1	148.7
121	58.5	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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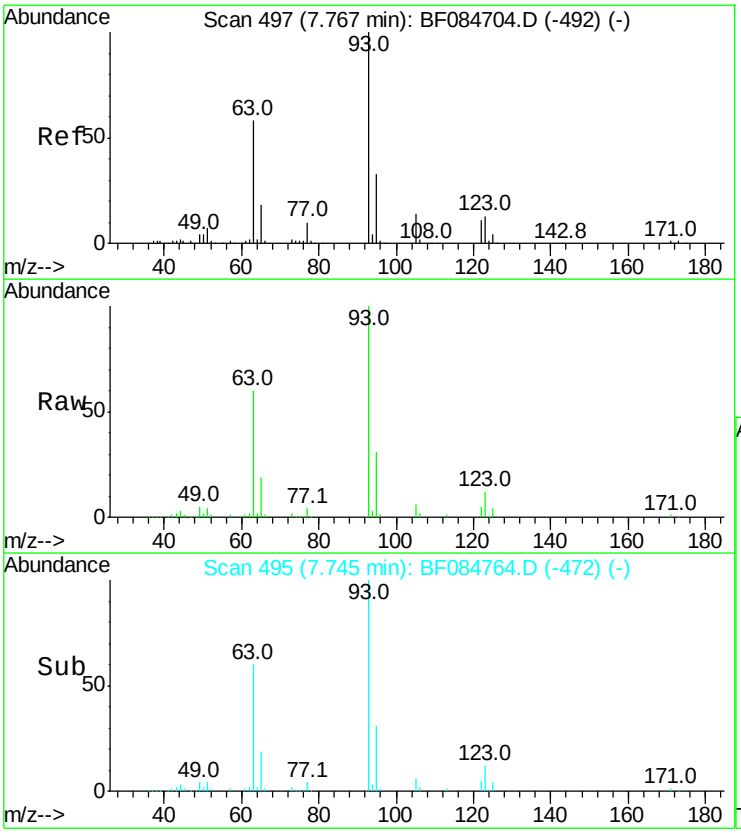
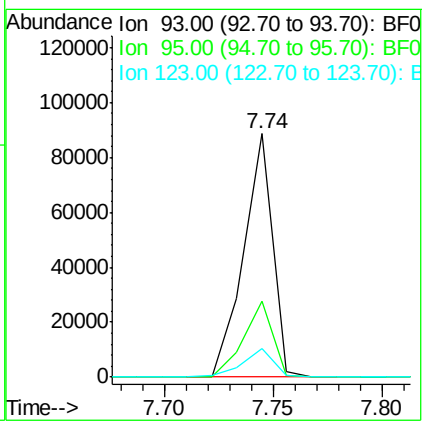
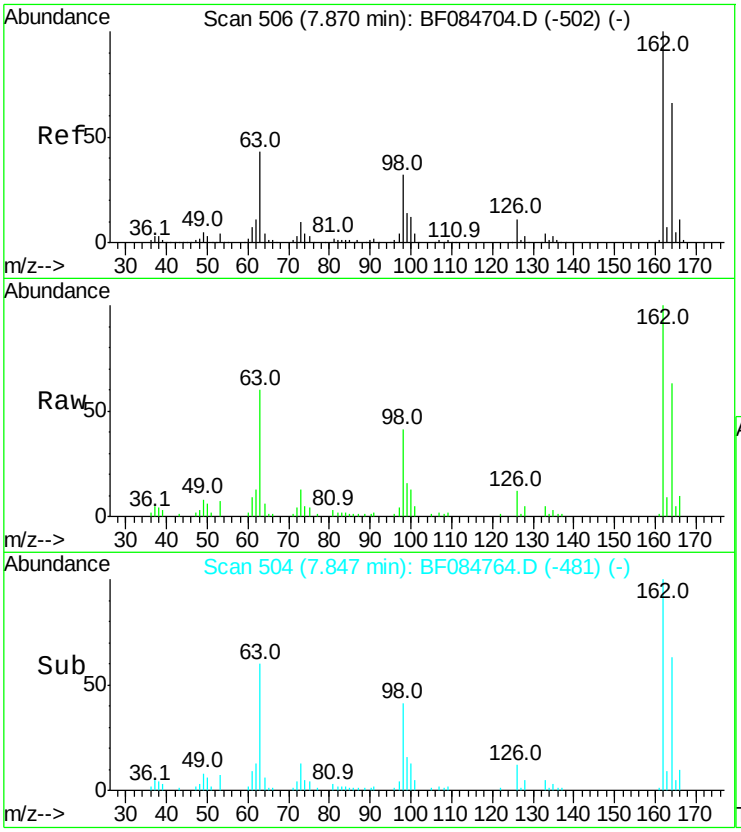


#28
bis(2-Chloroethoxy)methane
Concen: 5.32 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 93 Resp: 81928

Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.8	38.6
123	11.9	8.6	12.8

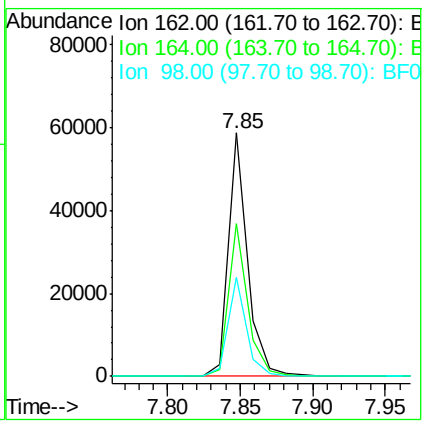




#29
2,4-Dichlorophenol
Concen: 5.09 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:162 Resp: 53470

Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.1	84.1
98	40.9	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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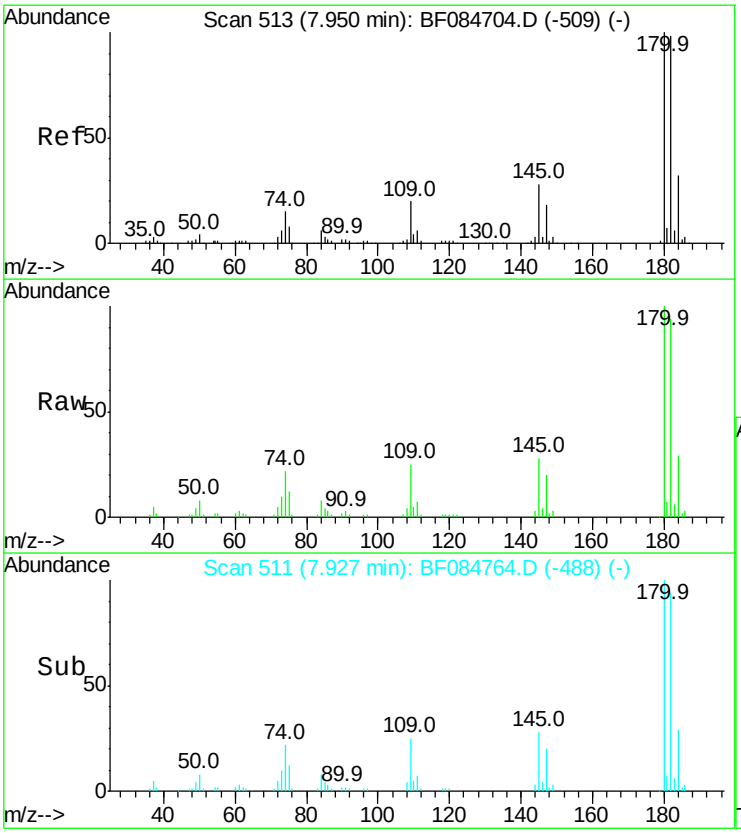
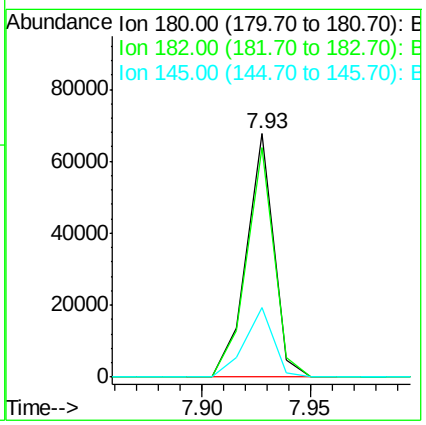
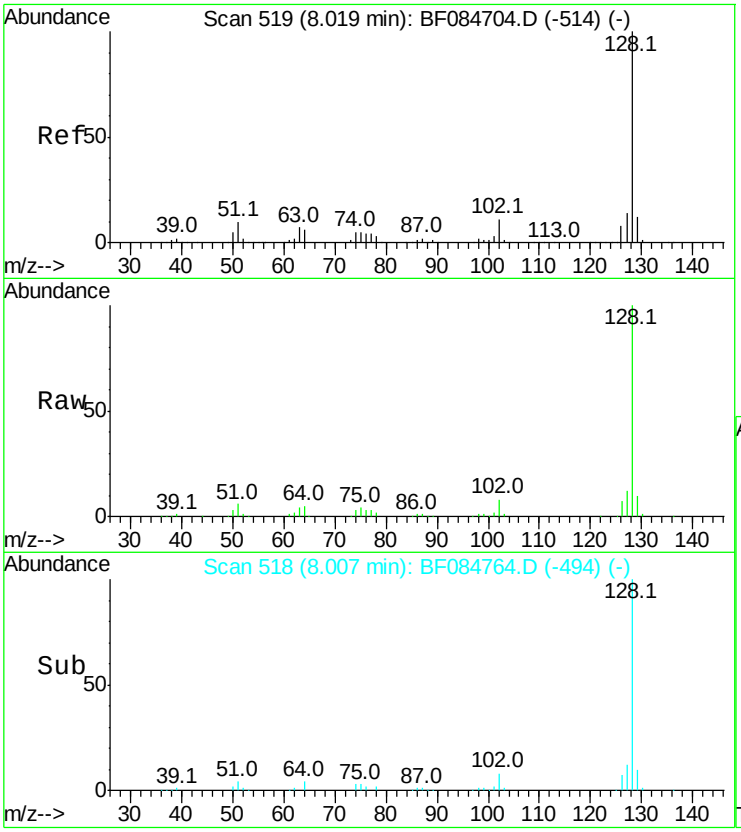


#30
1,2,4-Trichlorobenzene
Concen: 4.96 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:180 Resp: 58867

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.4	114.6
145	28.5	31.6	47.4#

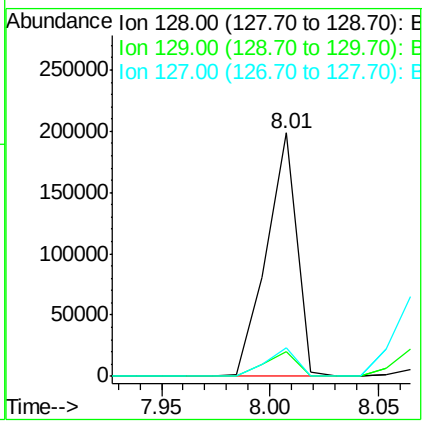




#31
Naphthalene
Concen: 5.18 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:128 Resp: 195409

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.1	13.7
127	12.0	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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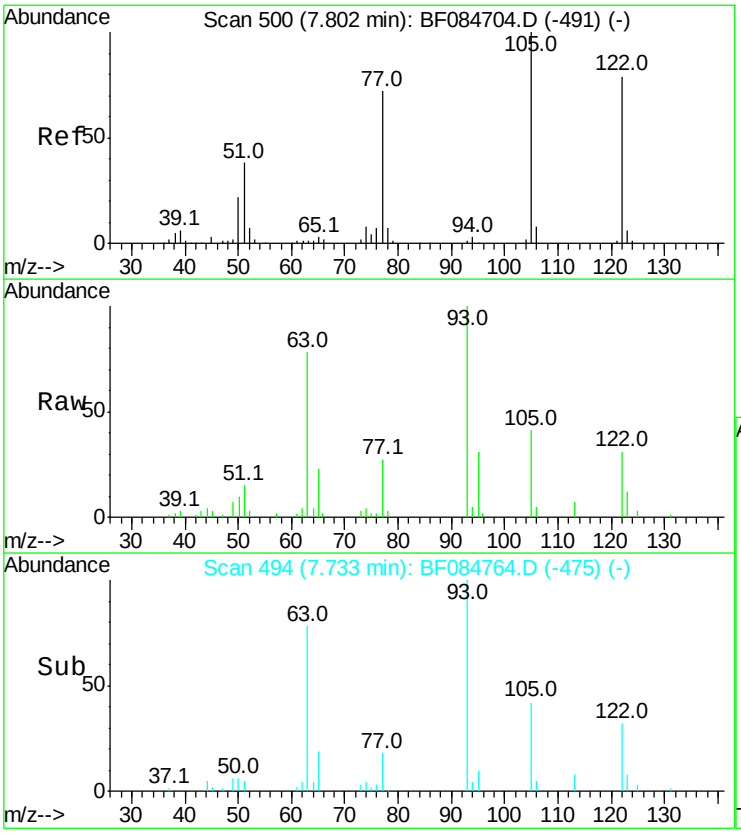
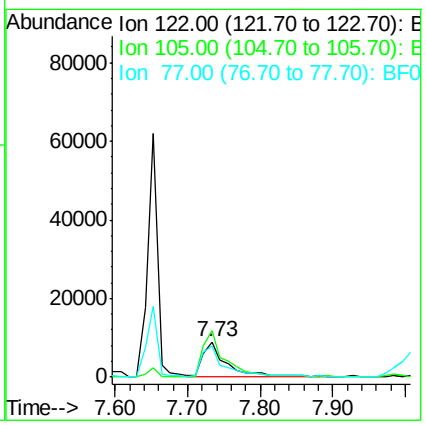
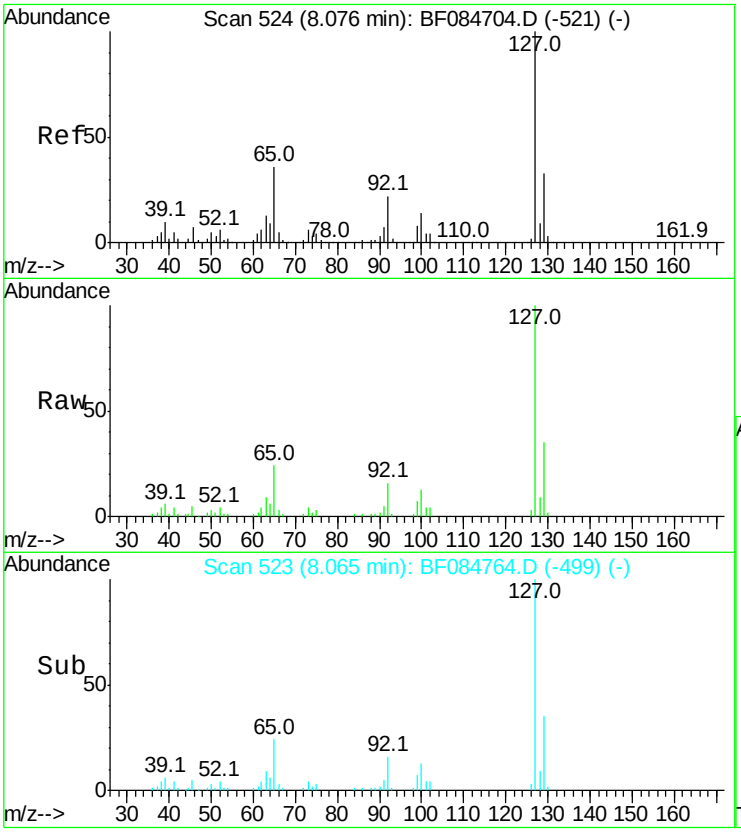


#32
Benzoic acid
Concen: 2.63 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.08 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:122 Resp: 20620

Ion	Ratio	Lower	Upper
122	100		
105	130.9	100.3	140.3
77	87.4	63.5	103.5

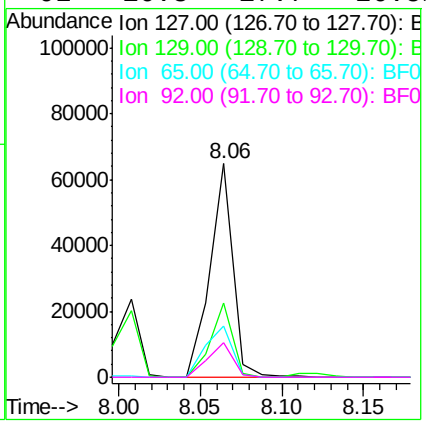




#33
4-Chloroaniline
Concen: 4.08 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:127 Resp: 63745

Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.5	39.7
65	24.3	27.2	40.8#
92	16.3	17.7	26.5#



Instrument :
BNA_F
ClientSampleId :
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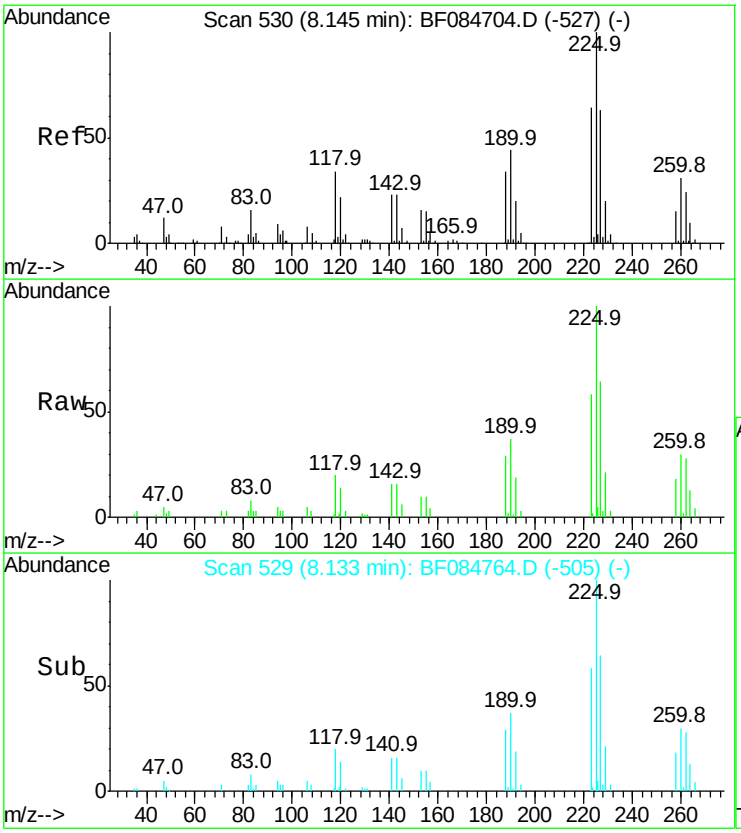
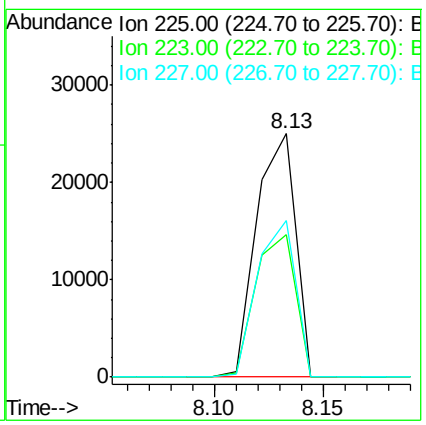
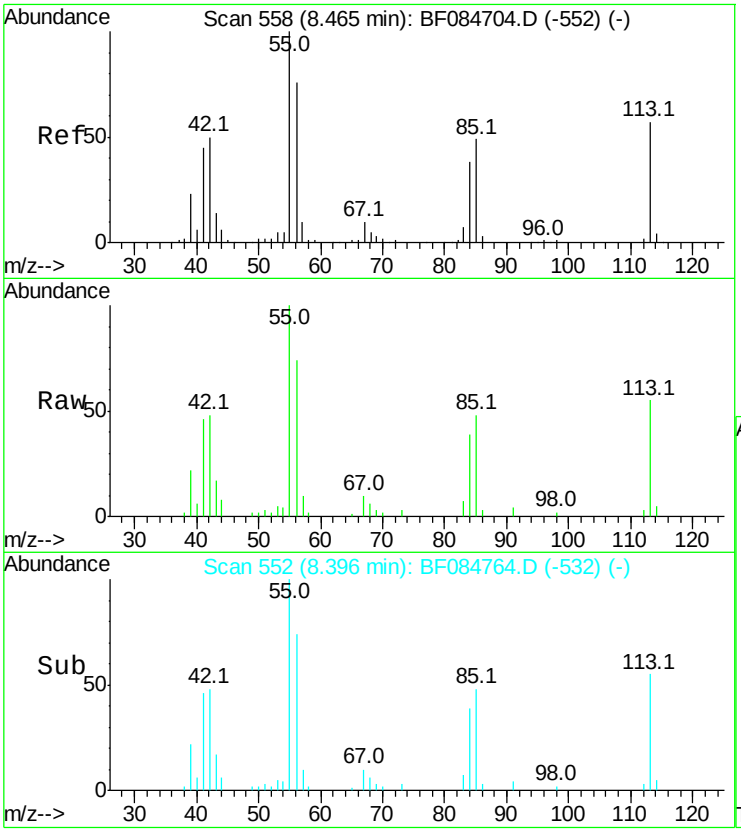


#34
Hexachlorobutadiene
Concen: 4.60 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:225 Resp: 31457

Ion	Ratio	Lower	Upper
225	100		
223	58.5	49.4	74.0
227	64.0	50.8	76.2

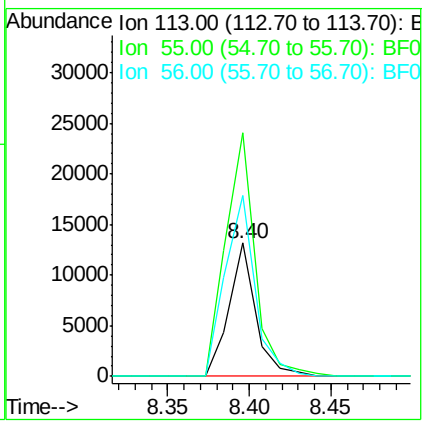




#35
Caprolactam
Concen: 4.60 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.07 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:113 Resp: 14873

Ion	Ratio	Lower	Upper
113	100		
55	183.0	116.9	156.9#
56	136.1	93.8	133.8#



Instrument :
BNA_F
ClientSampleId :
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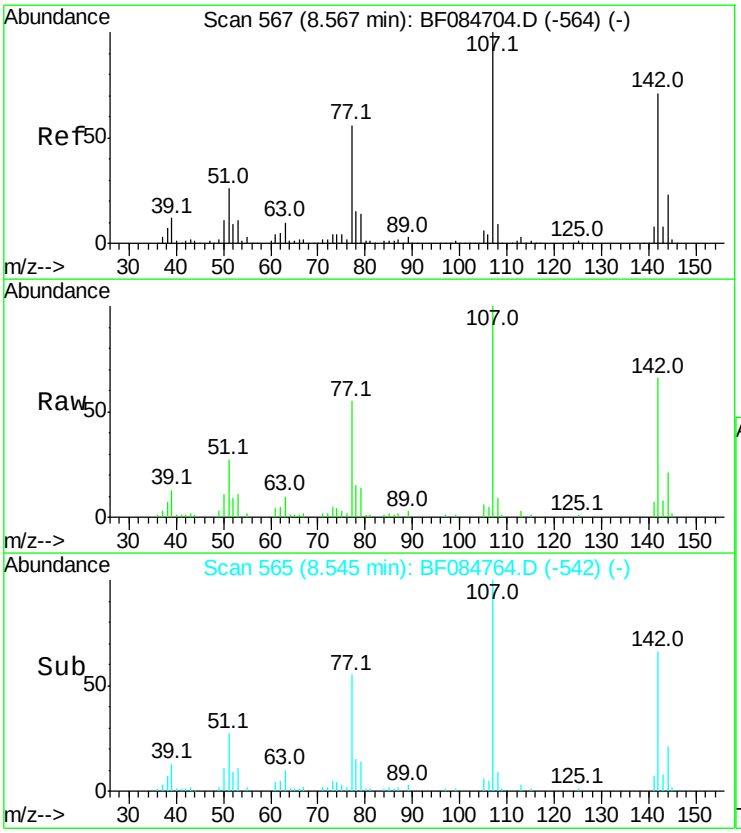
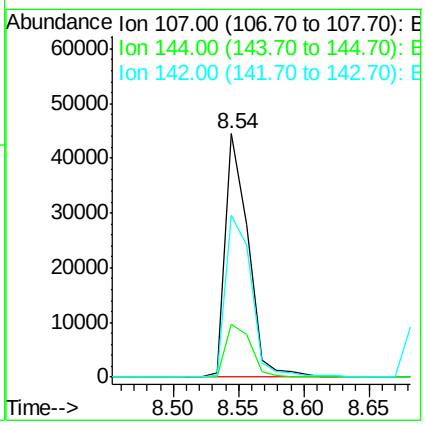
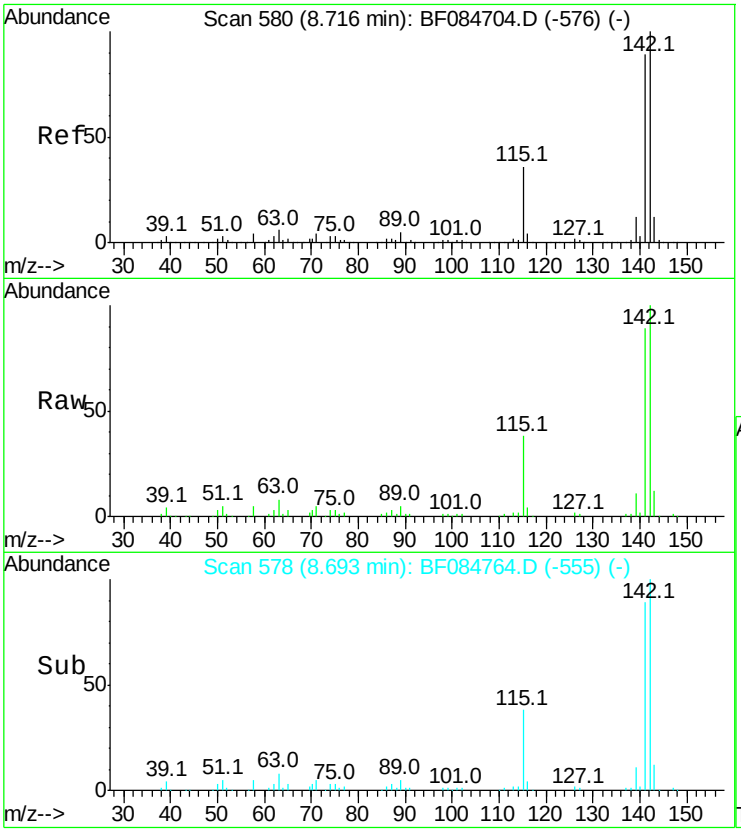


#36
4-Chloro-3-methylphenol
Concen: 4.54 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:107 Resp: 54435

Ion	Ratio	Lower	Upper
107	100		
144	21.5	19.7	29.5
142	66.3	61.8	92.6

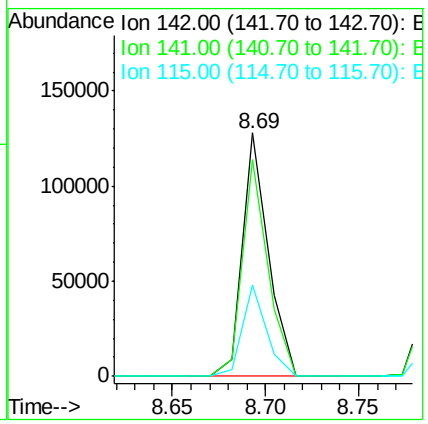




#37
2-Methylnaphthalene
Concen: 5.23 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:142 Resp: 123573

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.4	108.6
115	37.7	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
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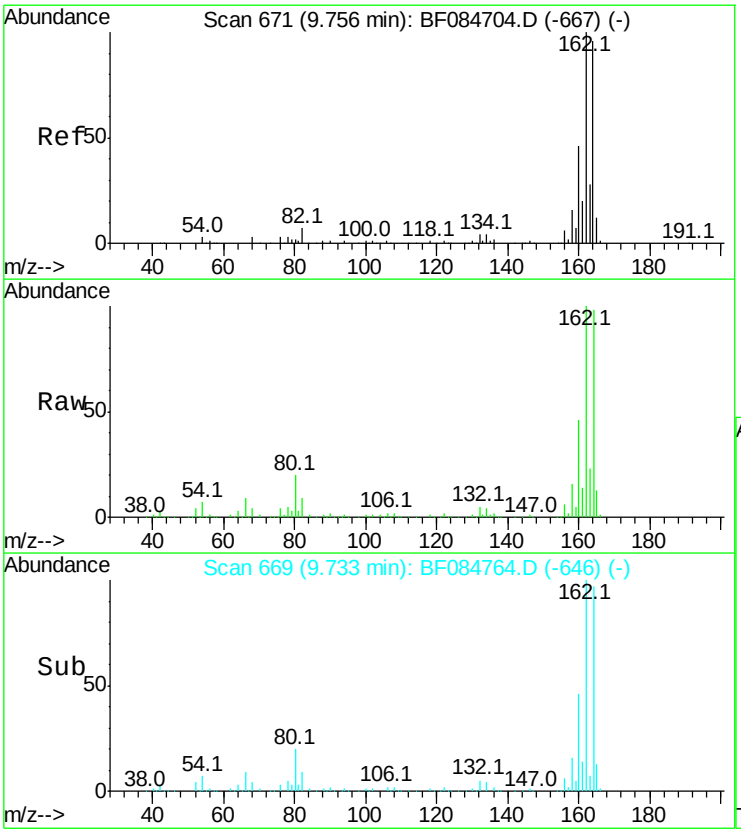
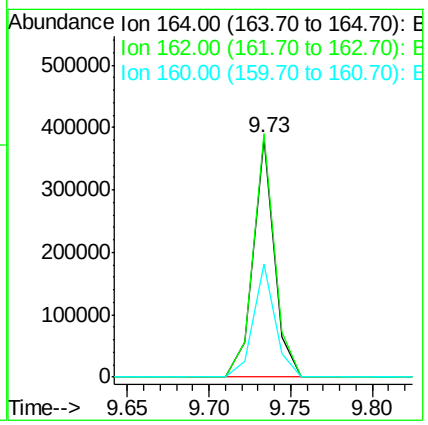
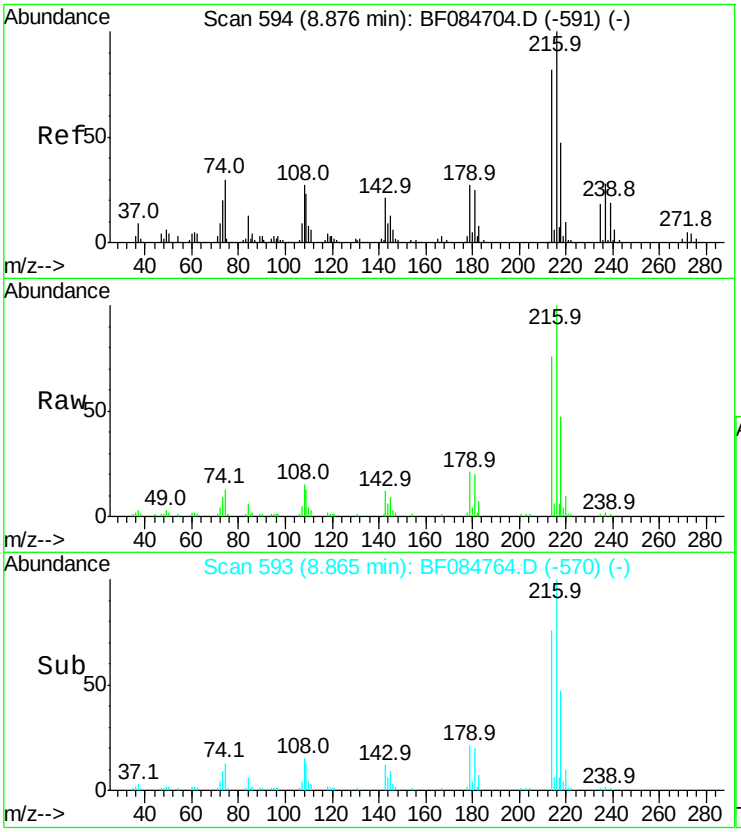


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:164 Resp: 346468

Ion	Ratio	Lower	Upper
164	100		
162	101.8	85.1	127.7
160	47.2	37.5	56.3

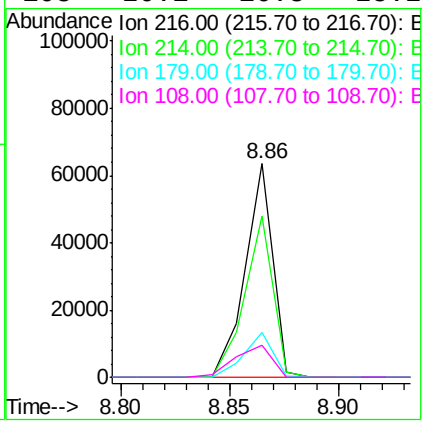




#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.07 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:216 Resp: 55820

Ion	Ratio	Lower	Upper
216	100		
214	77.1	64.2	96.2
179	22.3	18.7	28.1
108	20.1	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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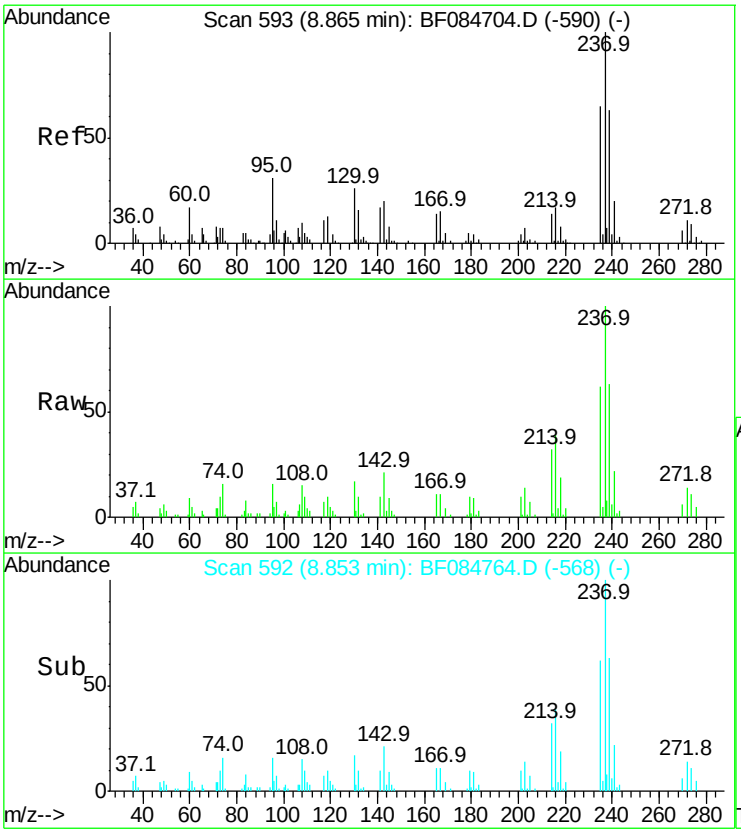
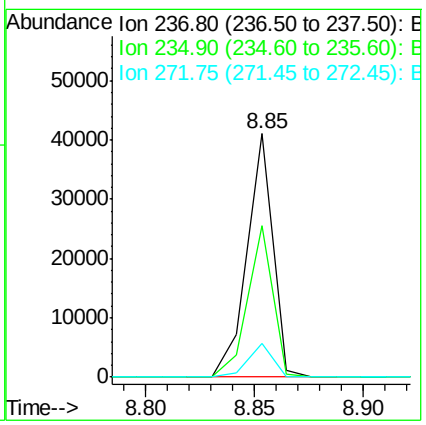
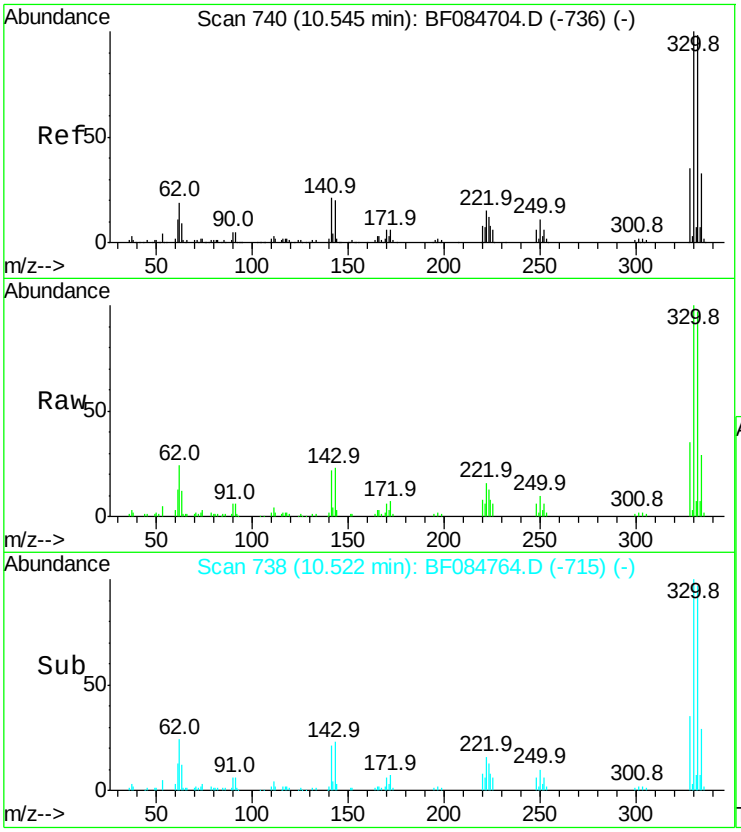


#40
Hexachlorocyclopentadiene
Concen: 11.91 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:237 Resp: 33827

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.1	83.1
272	13.8	0.0	35.1

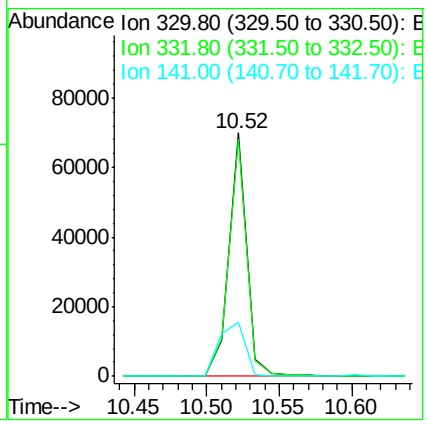




#41
2,4,6-Tribromophenol
Concen: 16.46 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:330 Resp: 59495

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	32.8	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
PB88115BS

Manual Integrations APPROVED
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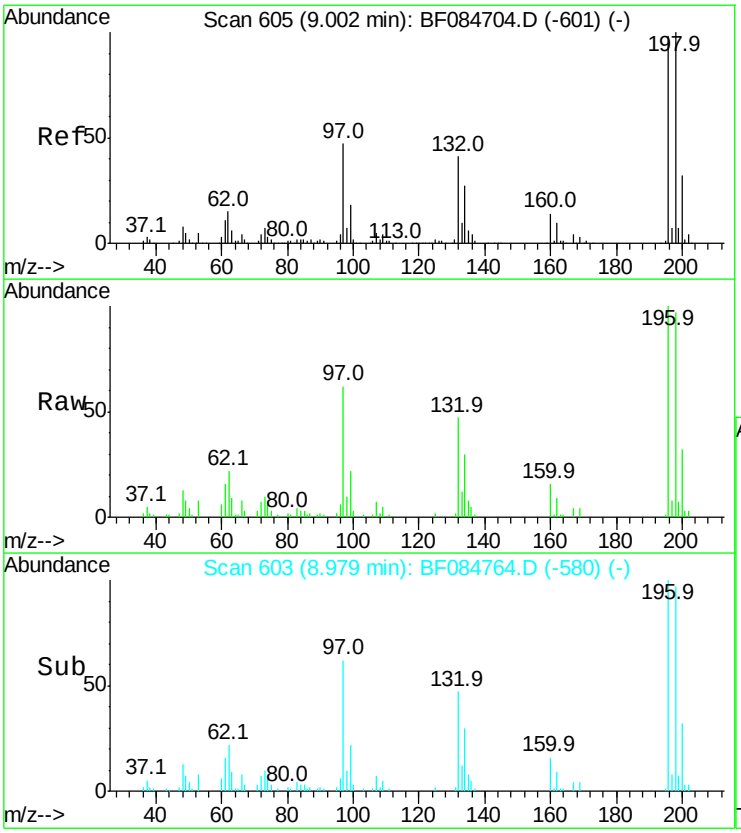
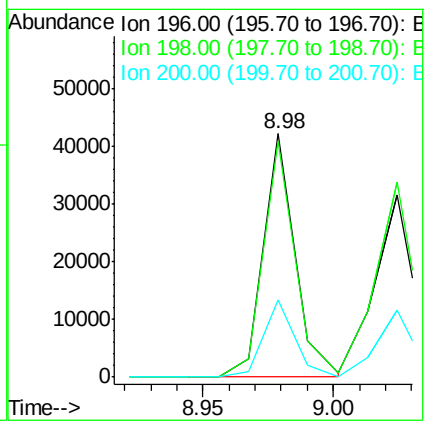
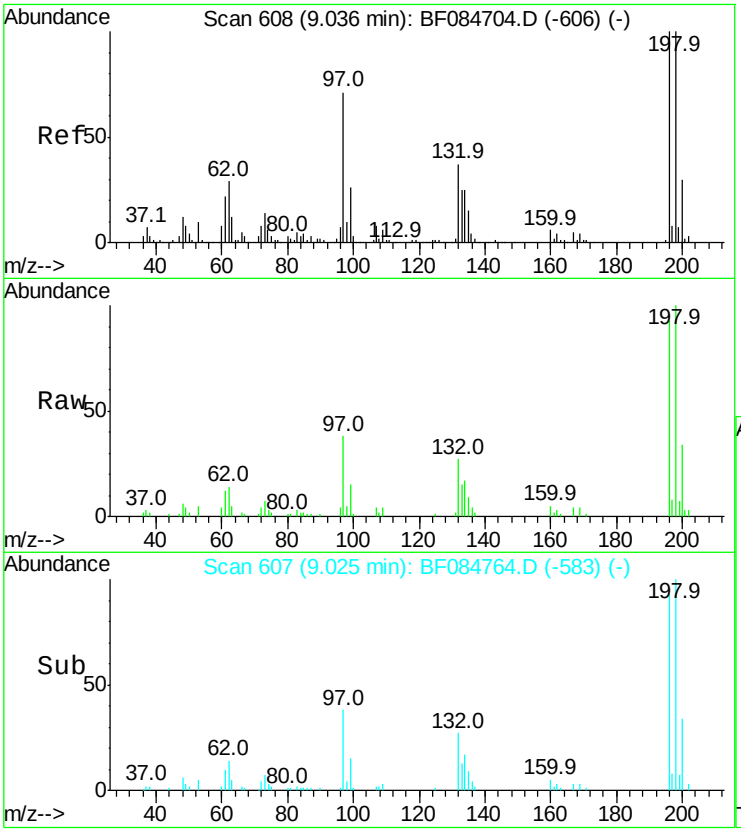


#42
2,4,6-Trichlorophenol
Concen: 5.09 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:196 Resp: 36096

Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.7	116.5
200	32.0	24.6	37.0

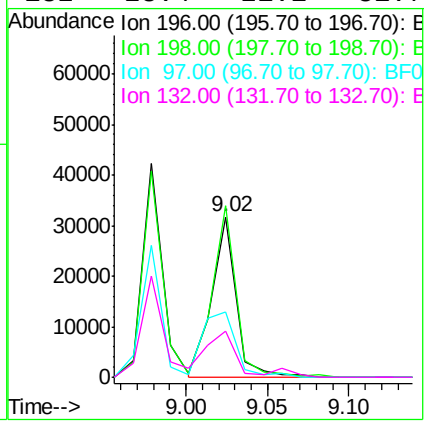




#43
2,4,5-Trichlorophenol
Concen: 4.61 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:196 Resp: 33191

Ion	Ratio	Lower	Upper
196	100		
198	107.1	79.0	118.6
97	41.2	33.0	49.6
132	28.4	21.1	31.7



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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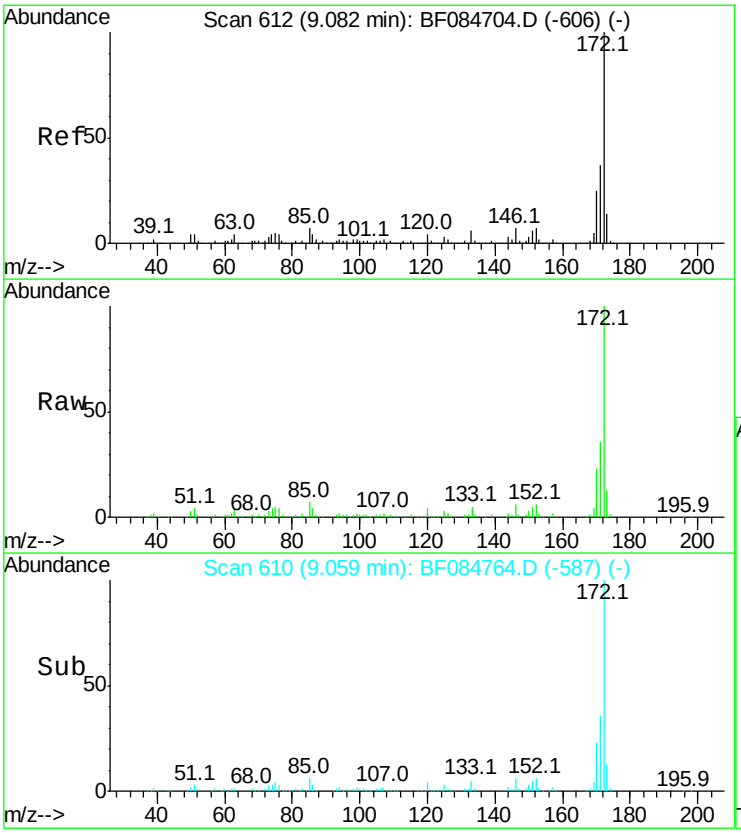
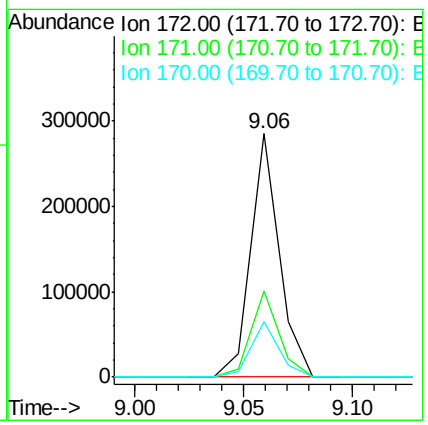
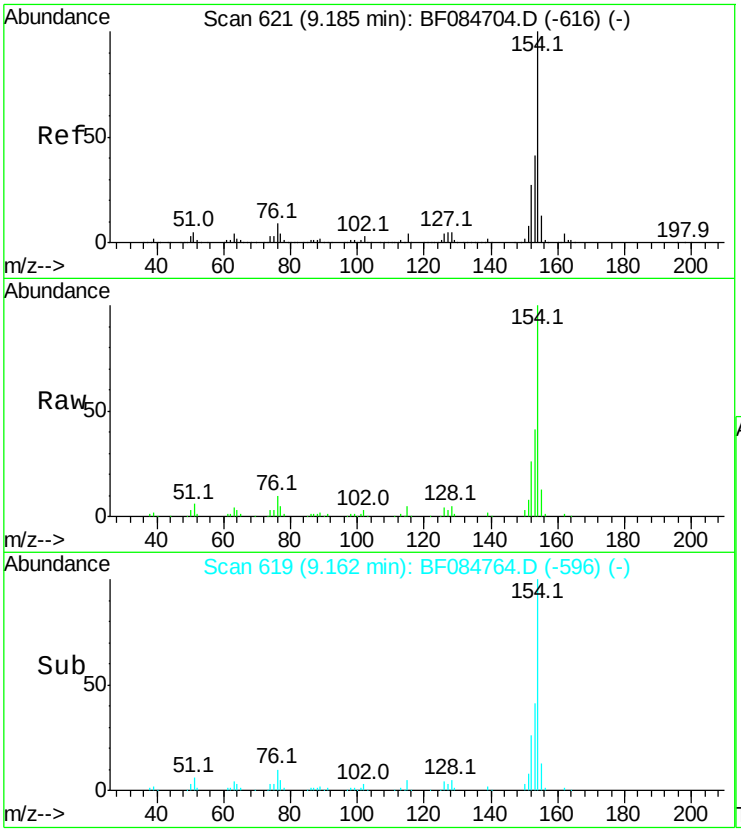


#44
2-Fluorobiphenyl
Concen: 8.81 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:172 Resp: 259031

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	22.8	18.6	27.8

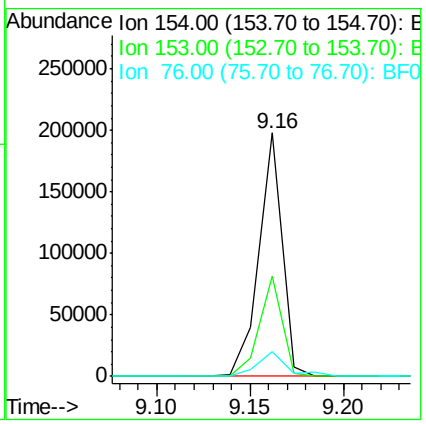




#45
1,1'-Biphenyl
Concen: 5.46 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:154 Resp: 168922

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.6	61.6
76	10.3	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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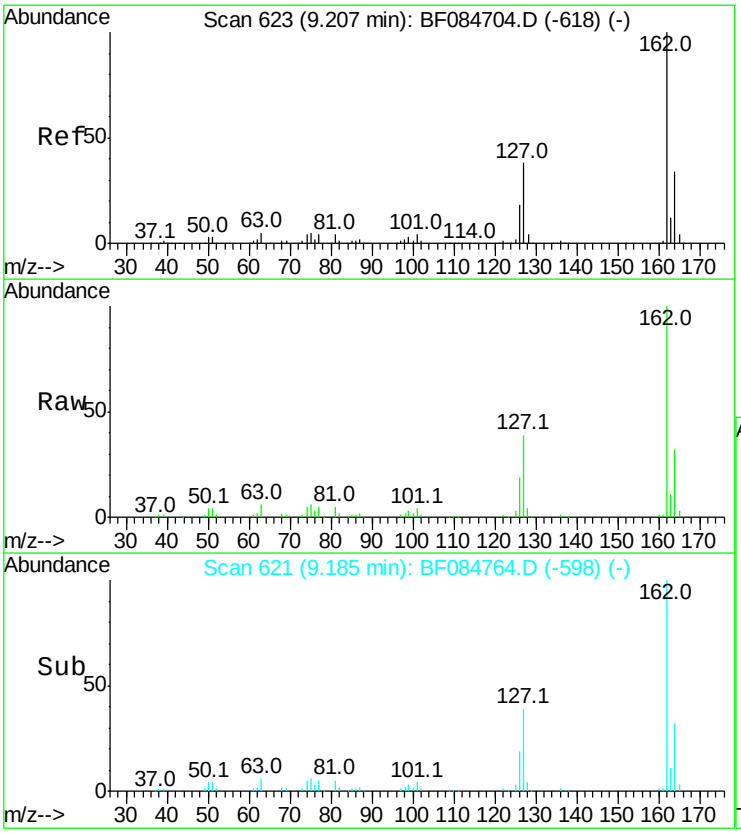
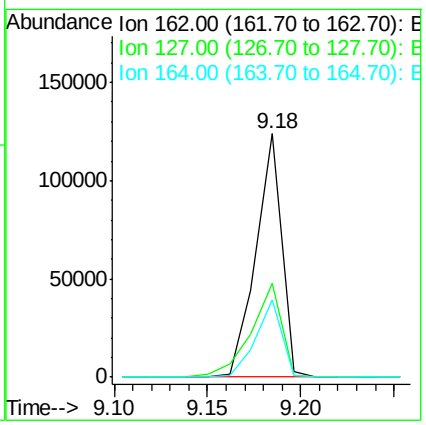
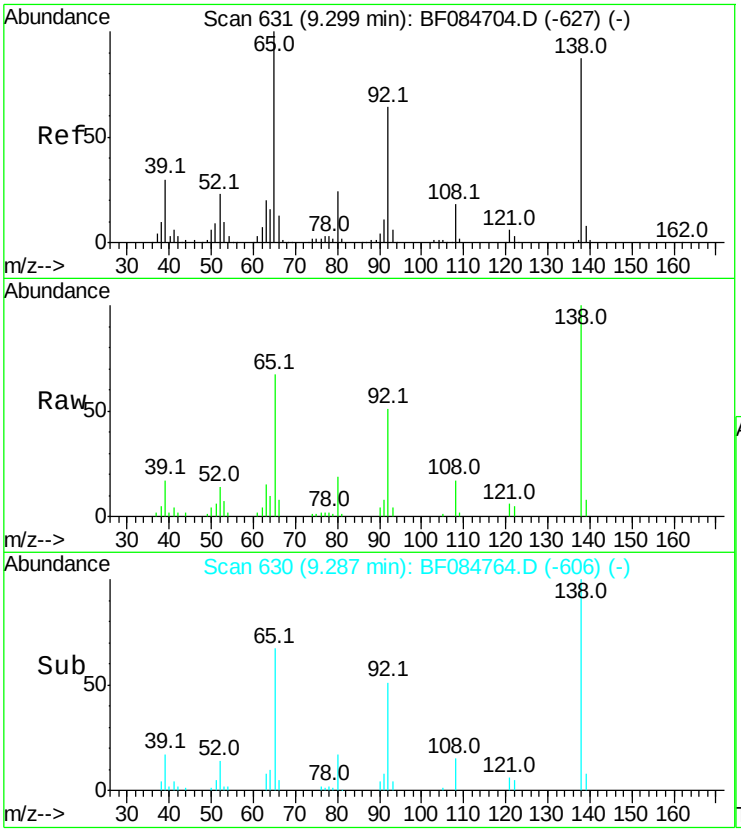


#46
2-Chloronaphthalene
Concen: 5.19 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:162 Resp: 118209

Ion	Ratio	Lower	Upper
162	100		
127	38.5	40.2	60.4#
164	31.7	25.7	38.5

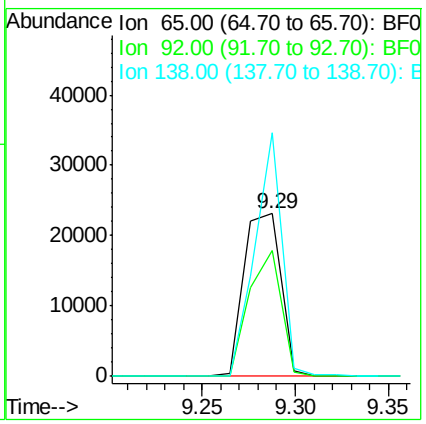




#47
2-Nitroaniline
Concen: 4.41 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 65 Resp: 31819

Ion	Ratio	Lower	Upper
65	100		
92	77.0	53.4	80.2
138	149.6	71.1	106.7#



Instrument :
BNA_F
ClientSampleId :
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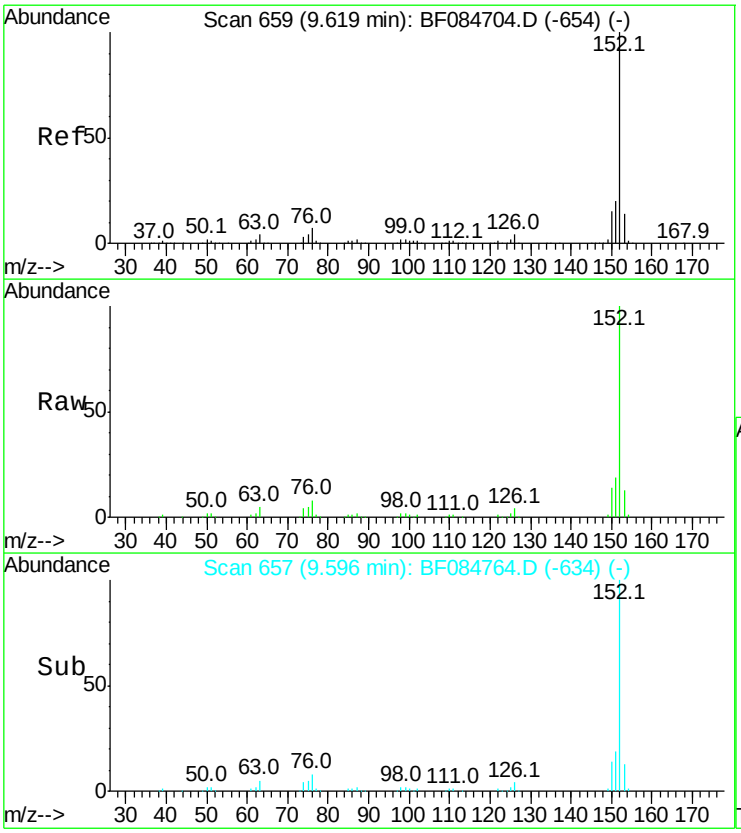
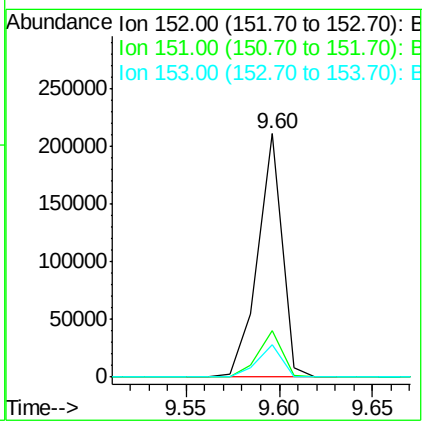
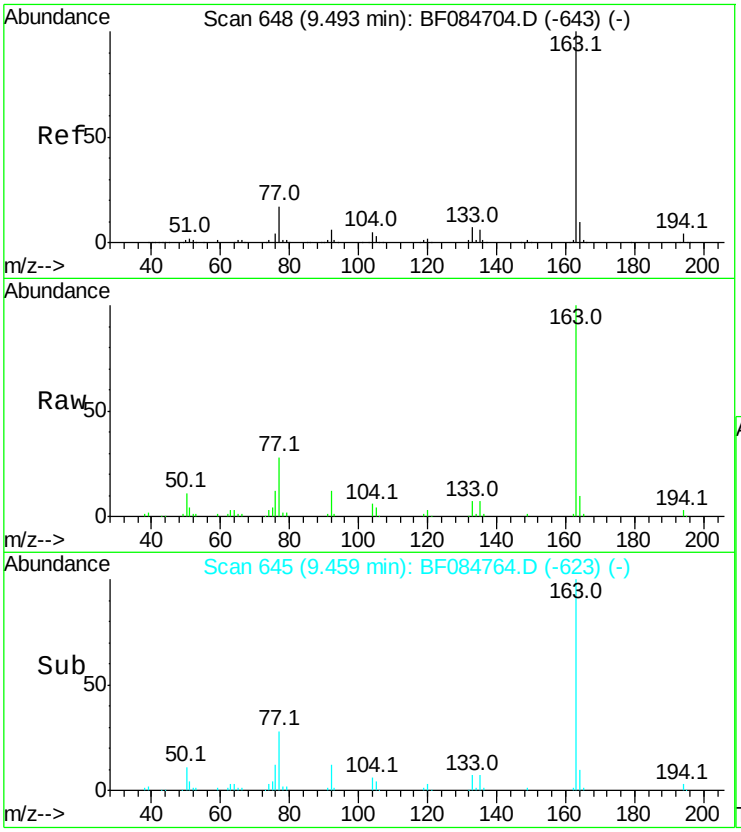


#48
Acenaphthylene
Concen: 5.47 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:152 Resp: 189029

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	13.1	10.4	15.6

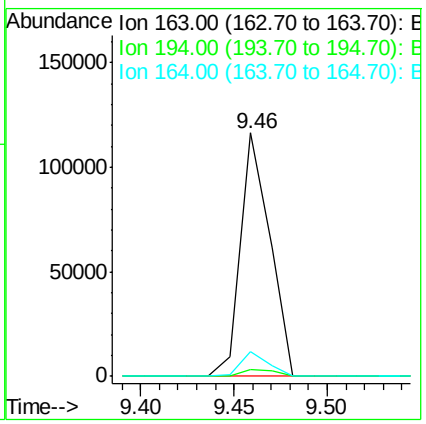




#49
Dimethylphthalate
Concen: 4.88 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.05 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:163 Resp: 128695

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.4	8.0	12.0



Instrument :
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ClientSampleId :
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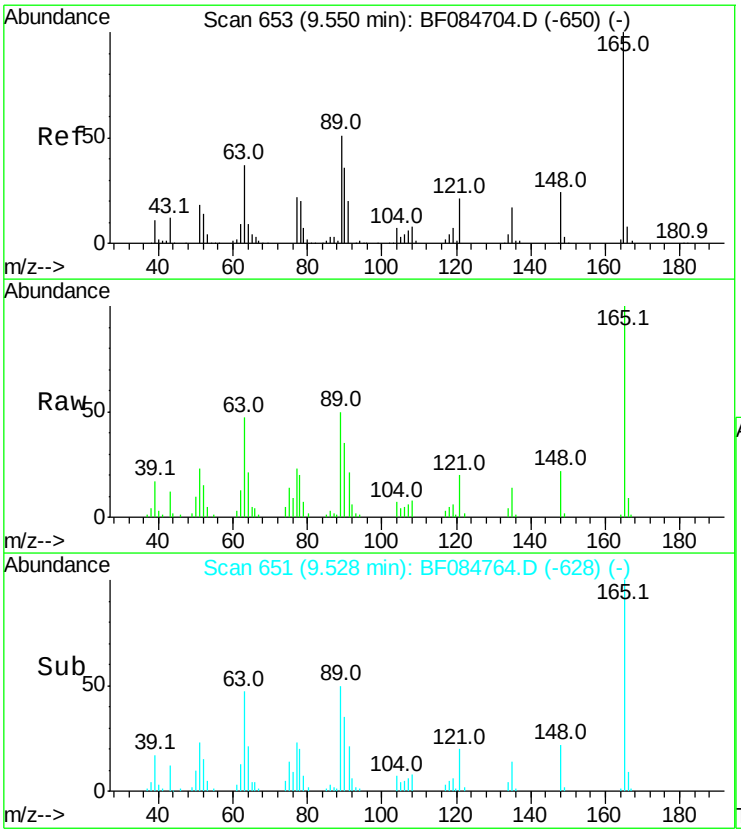
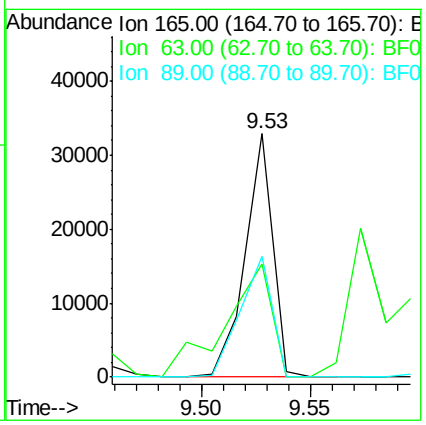
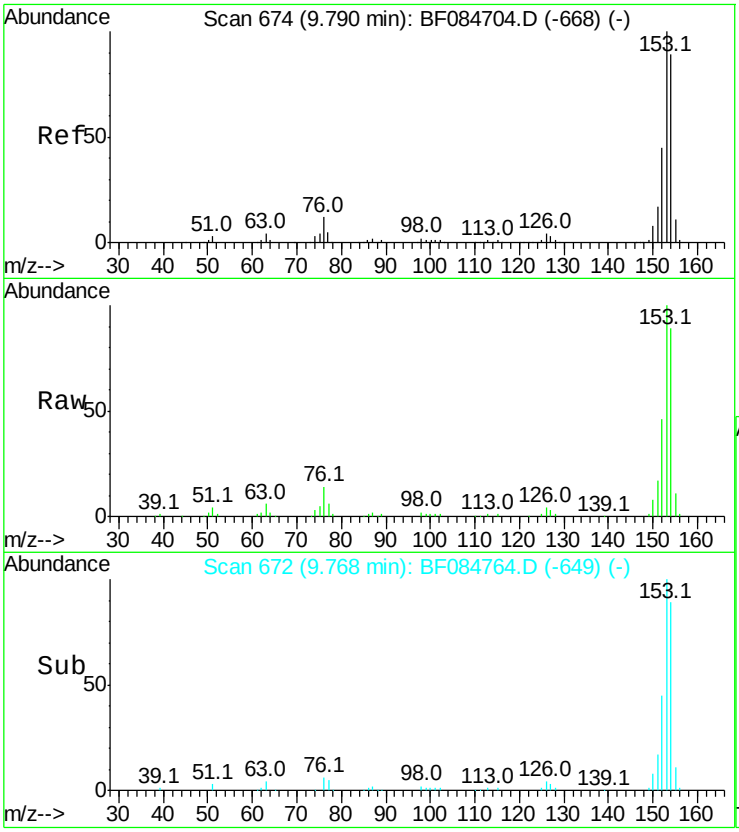


#50
2,6-Dinitrotoluene
Concen: 5.04 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:165 Resp: 29038

Ion	Ratio	Lower	Upper
165	100		
63	46.6	28.8	43.2#
89	49.6	35.1	52.7

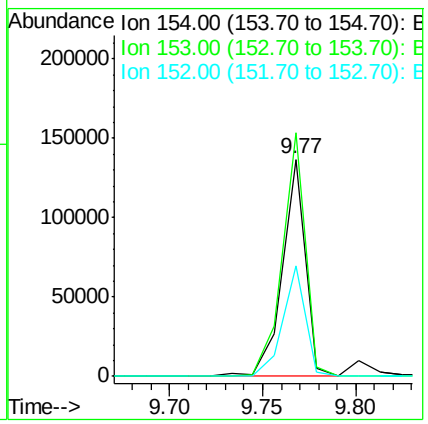




#51
Acenaphthene
Concen: 5.25 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:154 Resp: 118142

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.5	137.3
152	51.0	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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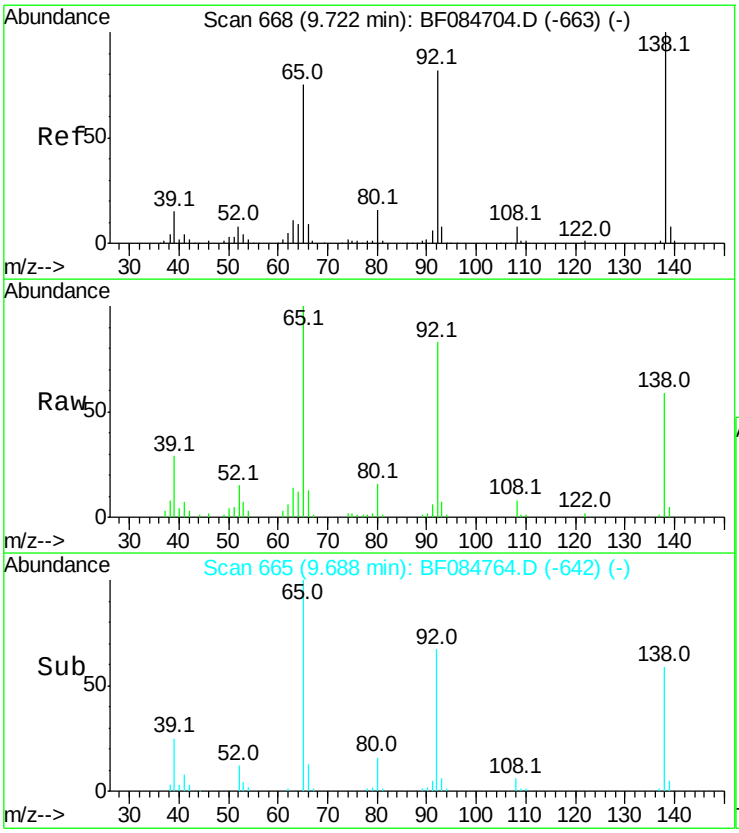
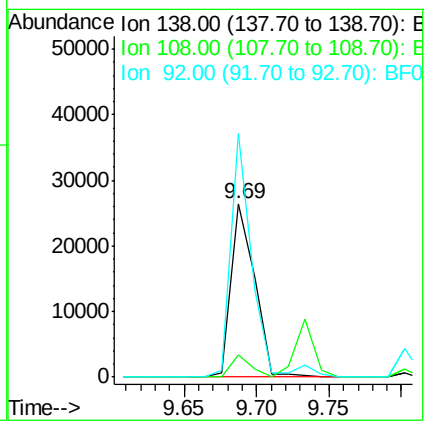
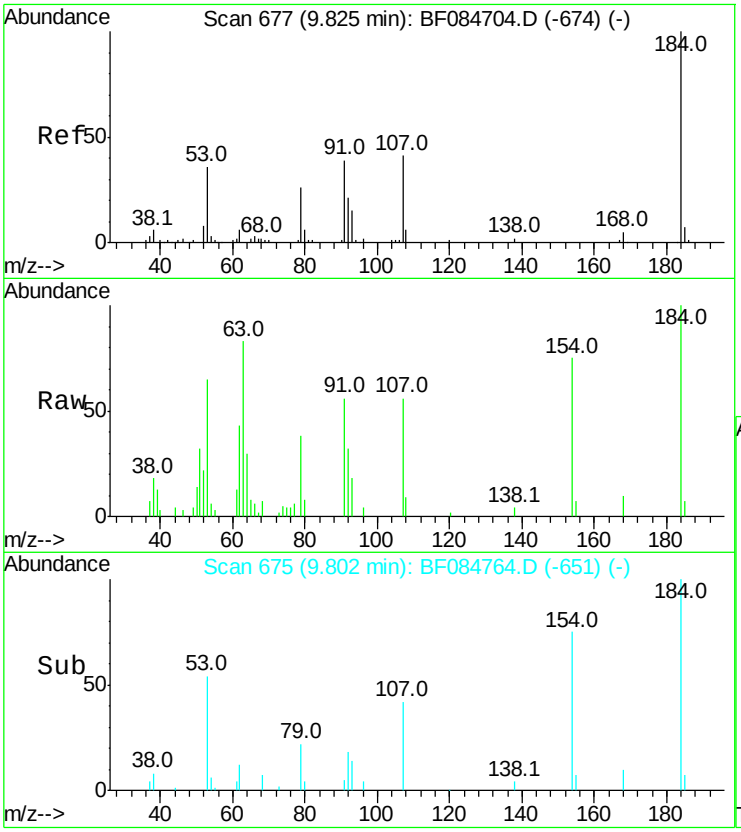


#52
3-Nitroaniline
Concen: 4.61 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:138 Resp: 29844

Ion	Ratio	Lower	Upper
138	100		
108	13.0	10.5	15.7
92	140.4	103.9	155.9

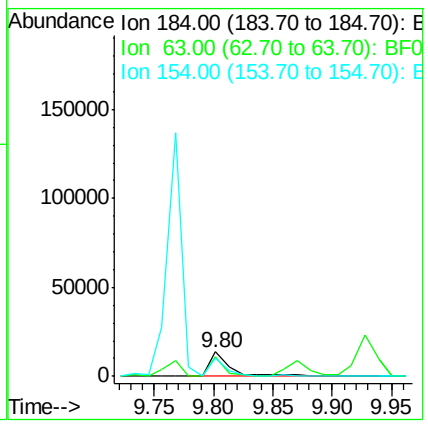




#53
2,4-Dinitrophenol
Concen: 11.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:184 Resp: 15997

Ion	Ratio	Lower	Upper
184	100		
63	83.1	43.1	64.7#
154	75.4	60.5	90.7



Instrument :
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ClientSampleId :
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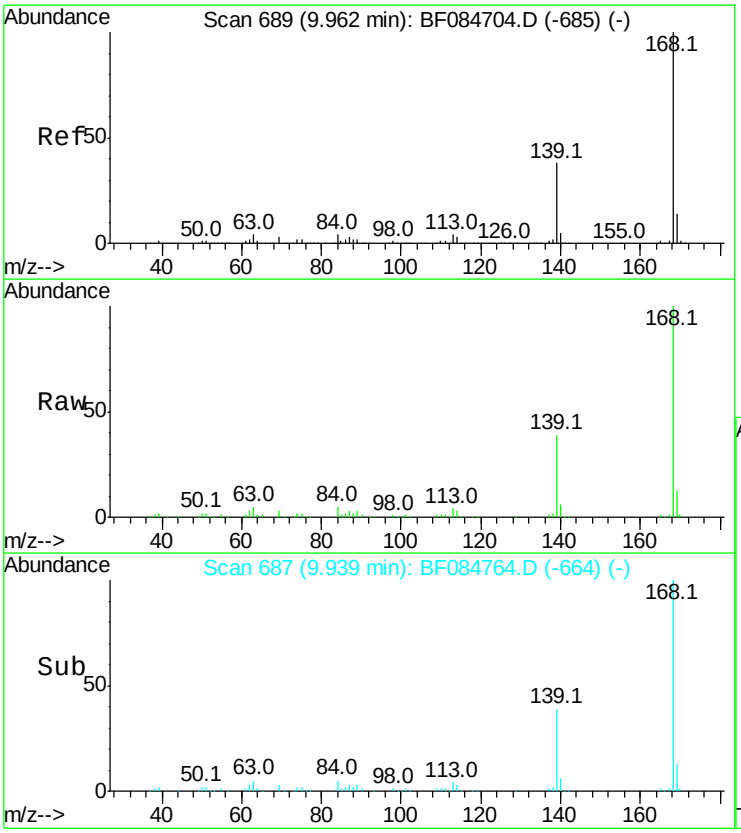
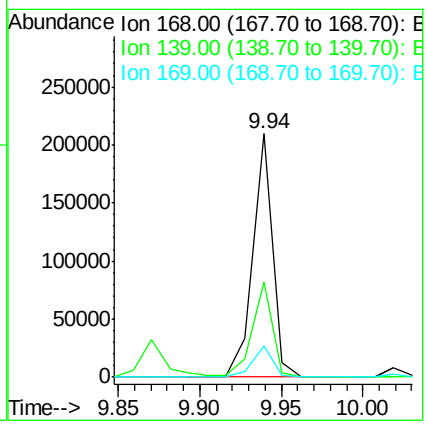
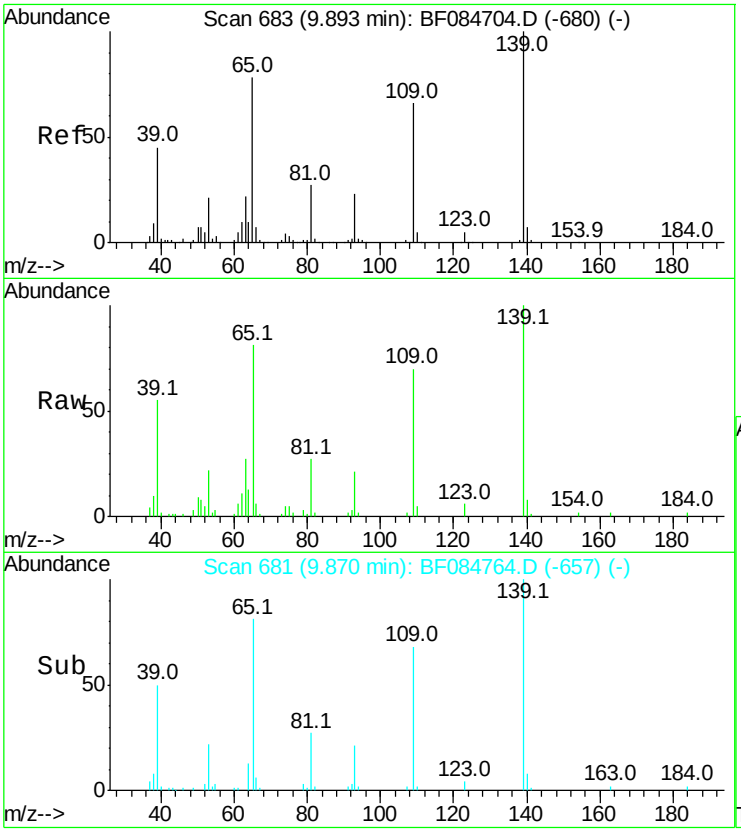


#54
Dibenzofuran
Concen: 6.40 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:168 Resp: 175888

Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.5	45.7
169	12.6	10.4	15.6

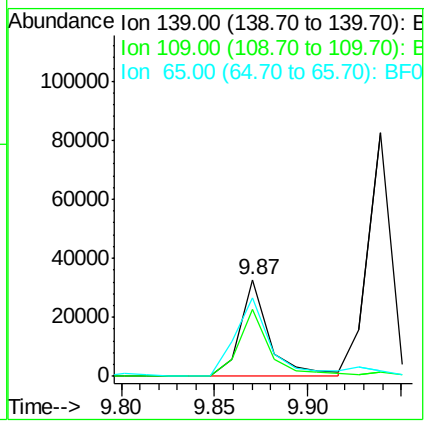




#55
4-Nitrophenol
Concen: 7.61 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:139 Resp: 36213

Ion	Ratio	Lower	Upper
139	100		
109	69.5	58.5	98.5
65	81.2	57.6	97.6



Instrument :
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ClientSampleId :
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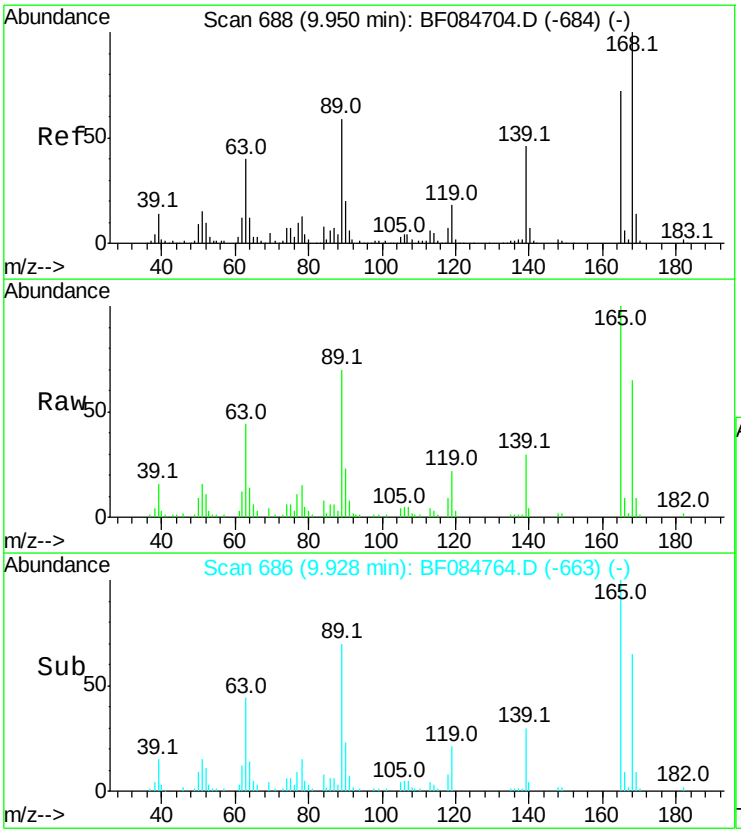
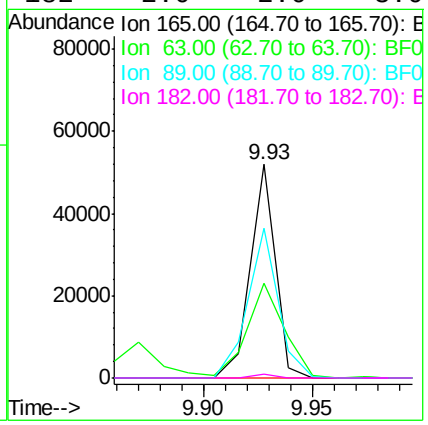
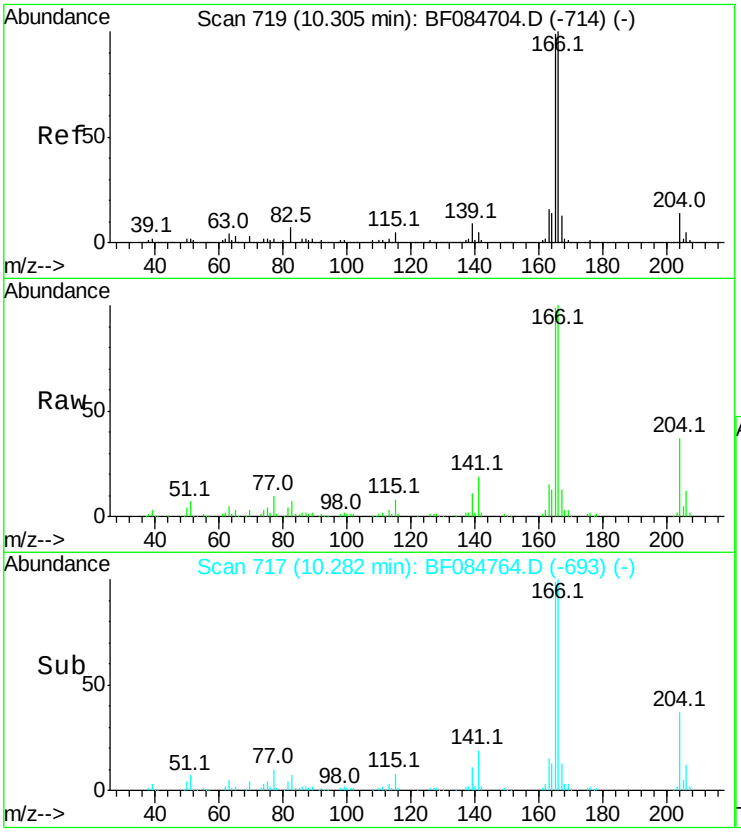


#56
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:165 Resp: 41476

Ion	Ratio	Lower	Upper
165	100		
63	44.2	36.7	55.1
89	70.0	61.9	92.9
182	2.0	2.0	3.0

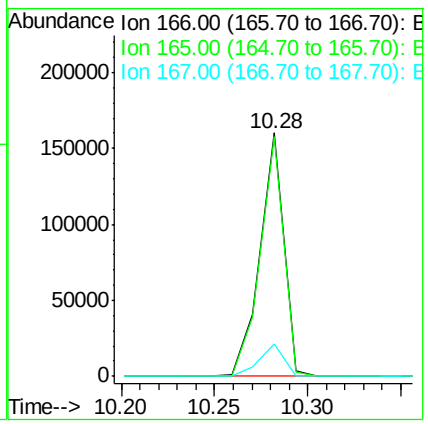




#57
Fluorene
Concen: 6.13 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:166 Resp: 140664

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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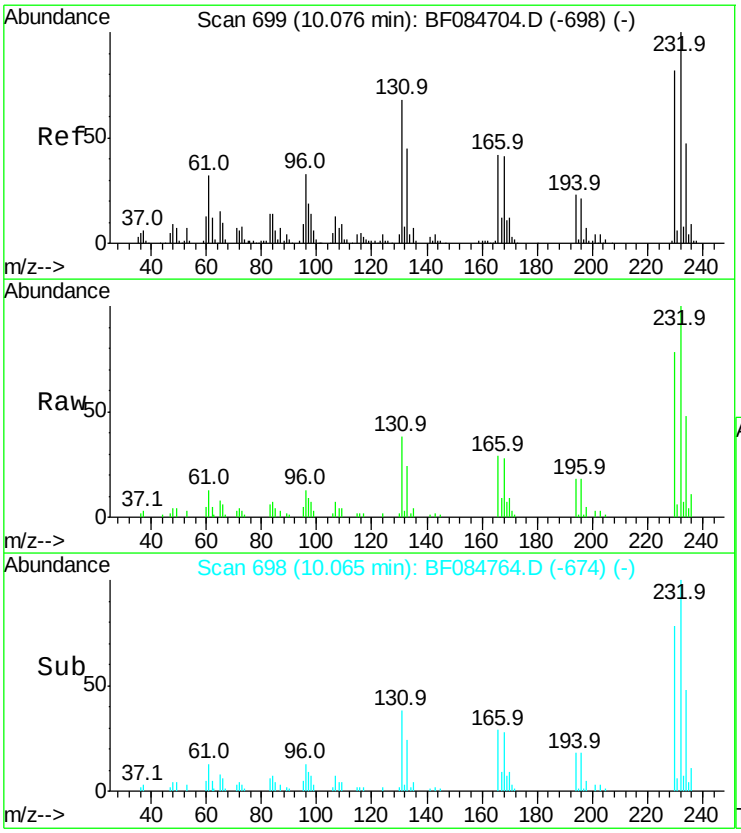
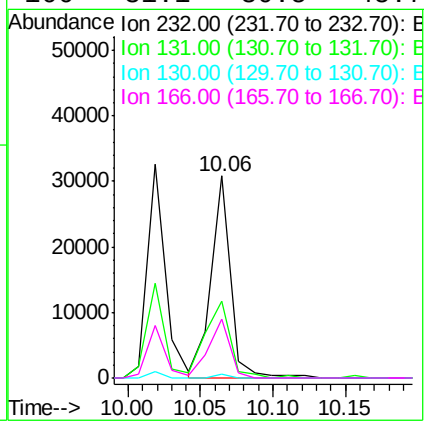
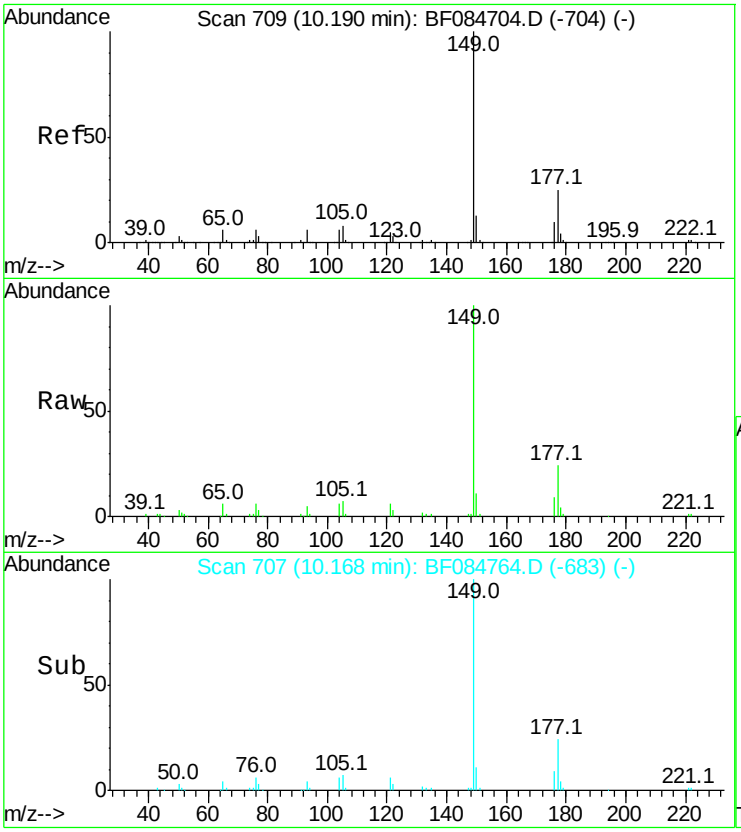


#58
2,3,4,6-Tetrachlorophenol
Concen: 5.31 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:232 Resp: 29122

Ion	Ratio	Lower	Upper
232	100		
131	48.4	47.0	70.6
130	1.3	2.0	3.0#
166	31.1	30.5	45.7

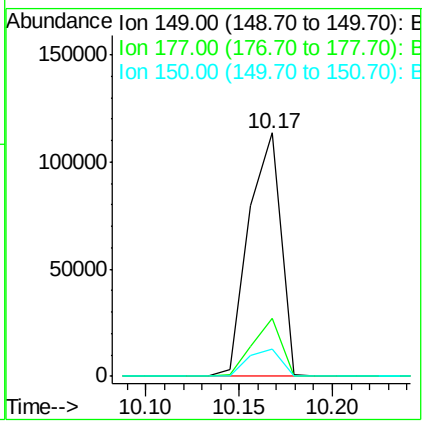




#59
Diethylphthalate
Concen: 5.25 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:149 Resp: 135285

Ion	Ratio	Lower	Upper
149	100		
177	24.0	17.3	25.9
150	11.3	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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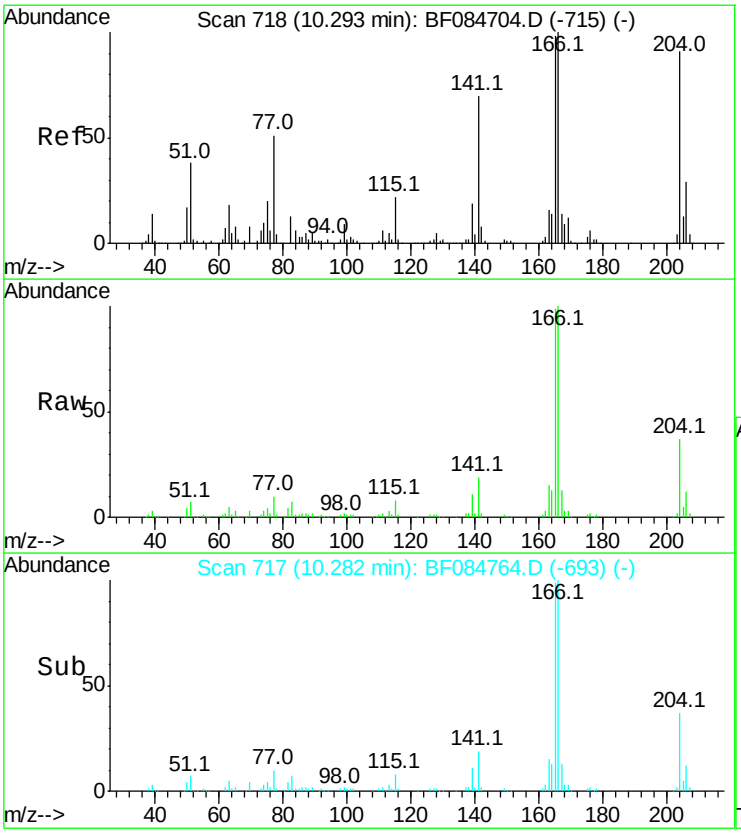
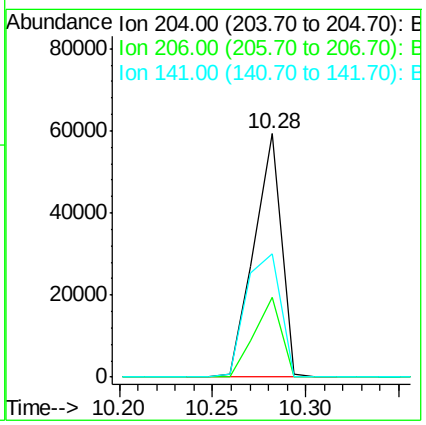
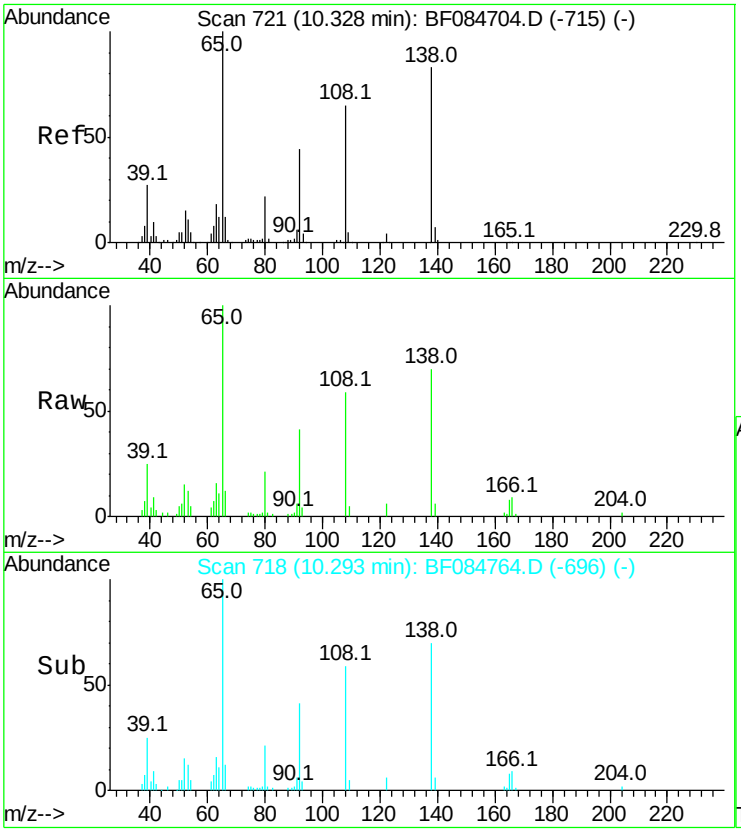


#60
4-Chlorophenyl-phenylether
Concen: 5.58 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:204 Resp: 60004

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	50.7	55.1	82.7#

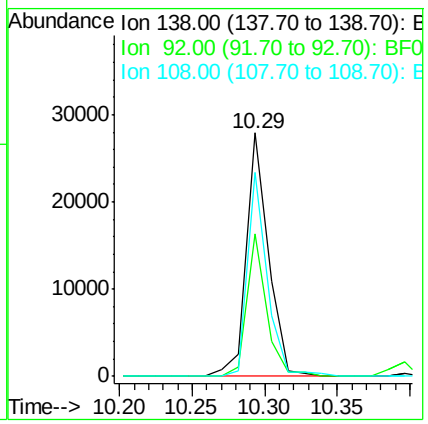




#61
4-Nitroaniline
Concen: 4.70 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:138 Resp: 29650

Ion	Ratio	Lower	Upper
138	100		
92	58.7	32.6	72.6
108	83.7	68.6	108.6



Instrument :
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ClientSampleId :
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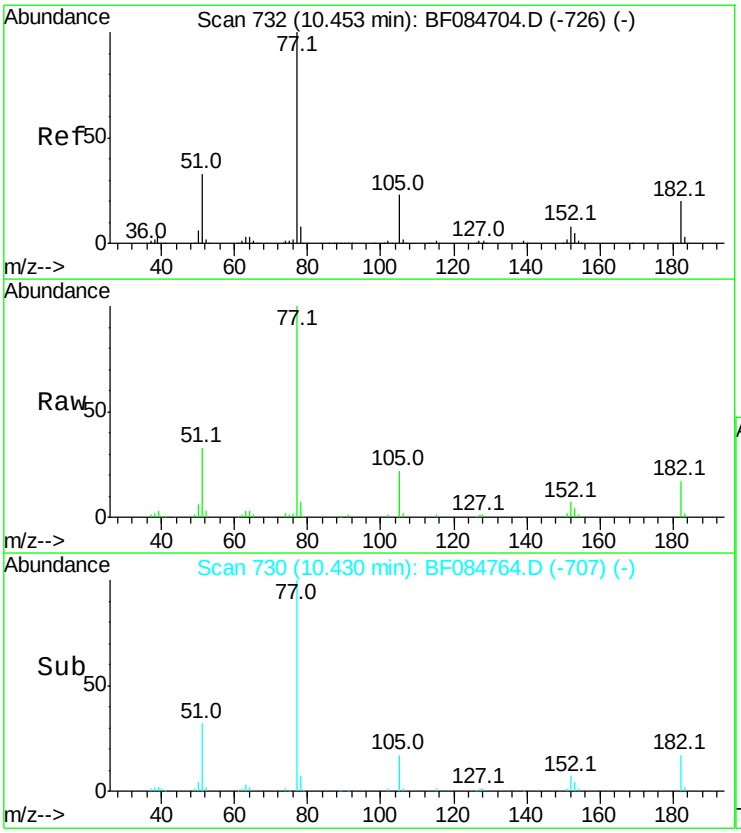
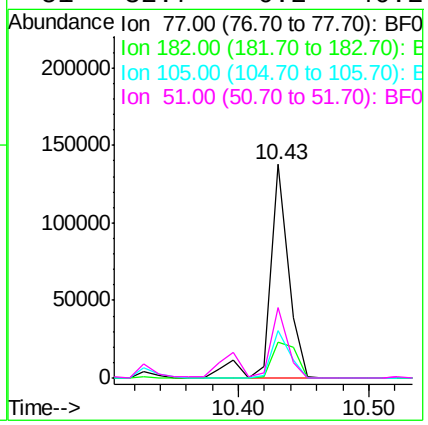
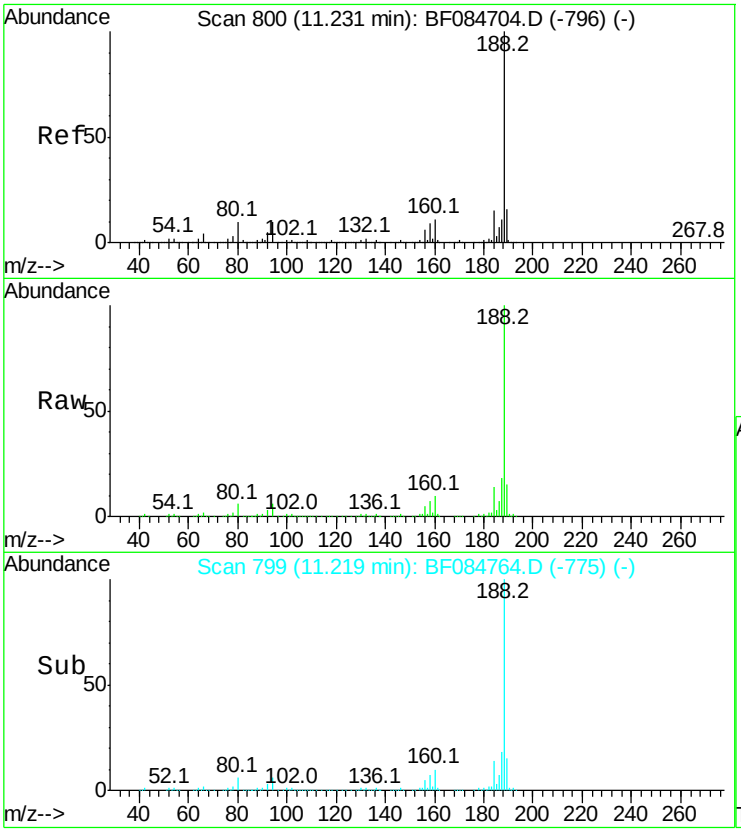


#62
Azobenzene
Concen: 5.60 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion: 77 Resp: 138656

Ion	Ratio	Lower	Upper
77	100		
182	16.5	8.3	48.3
105	22.3	4.6	44.6
51	32.7	6.2	46.2





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:188 Resp: 671233

Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.4#
80	5.6	9.6	14.4#

Instrument :
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ClientSampleId :
PB88115BS

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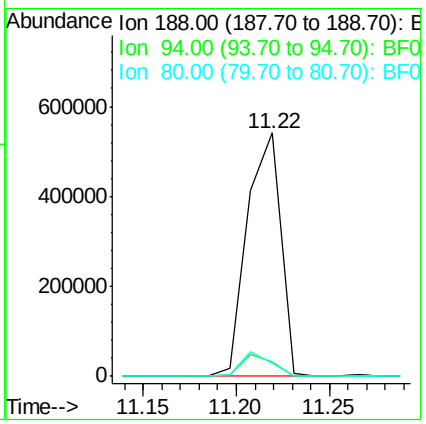
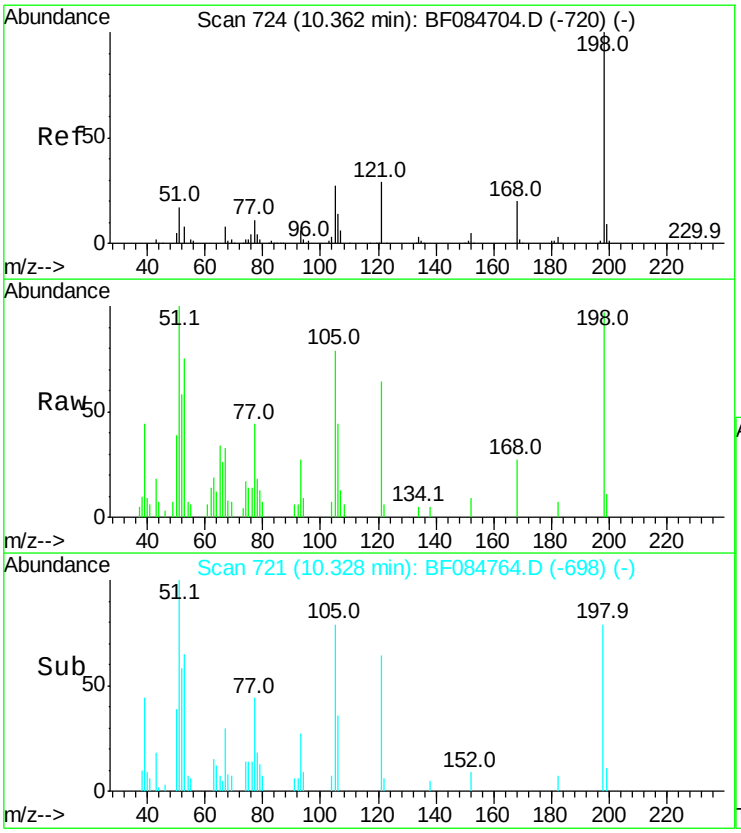
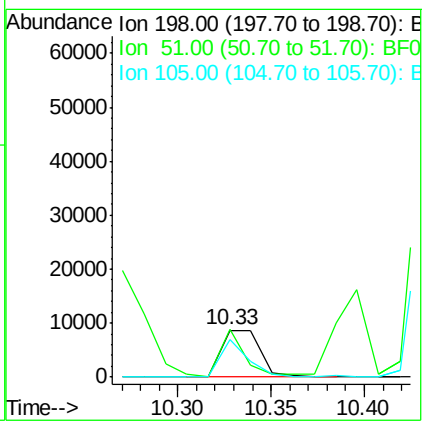


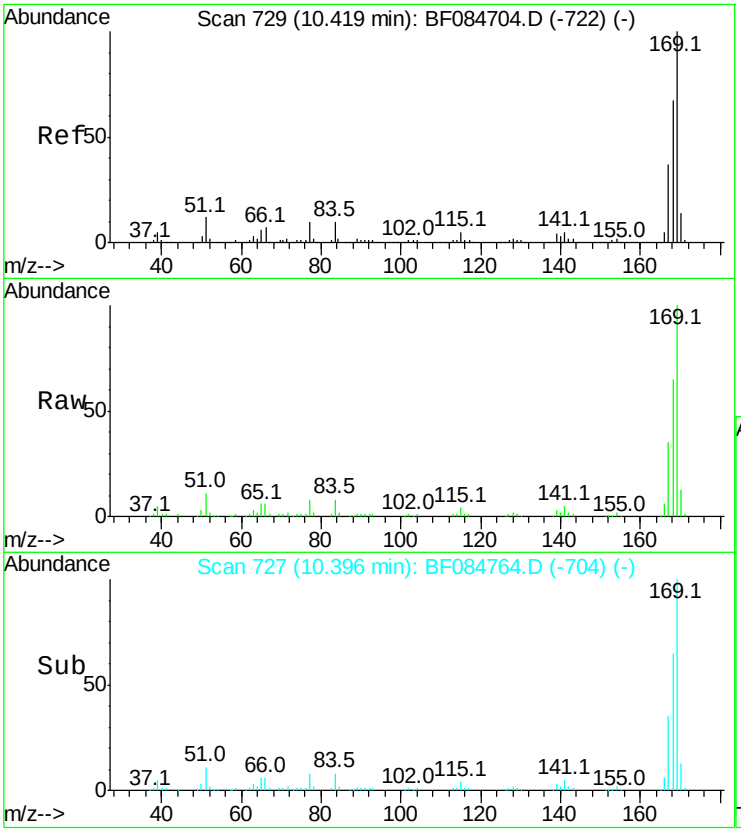


#64
4,6-Dinitro-2-methylphenol
Concen: 3.06 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:198 Resp: 12691

Ion	Ratio	Lower	Upper
198	100		
51	102.9	18.9	58.9#
105	81.1	26.4	66.4#

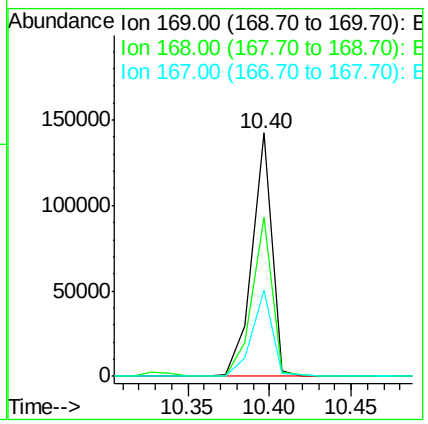




#65
n-Nitrosodiphenylamine
Concen: 5.67 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:169 Resp: 120953

Ion	Ratio	Lower	Upper
169	100		
168	65.2	55.1	82.7
167	35.3	30.0	45.0



Instrument :
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ClientSampleId :
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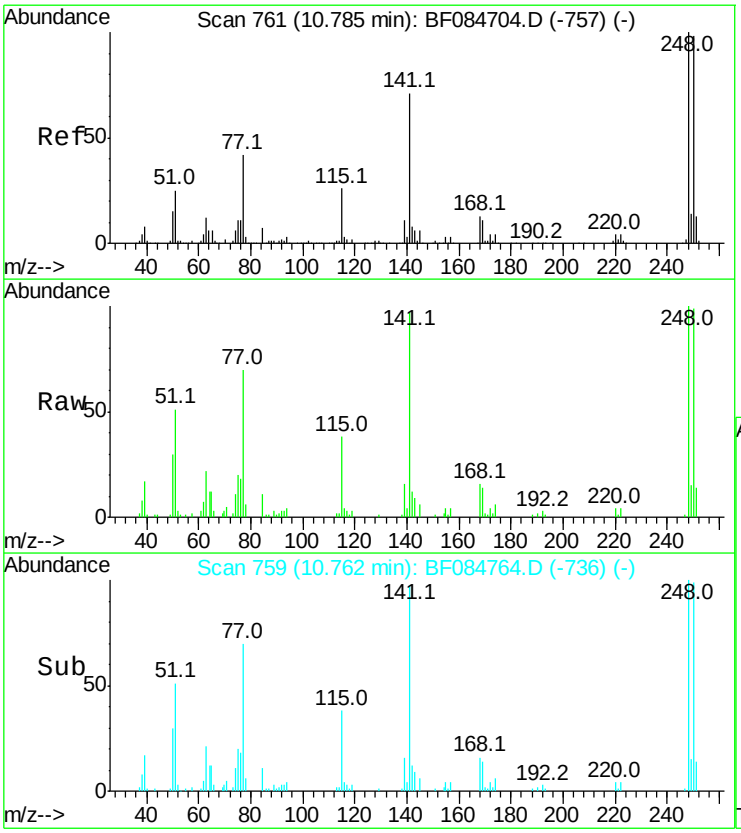
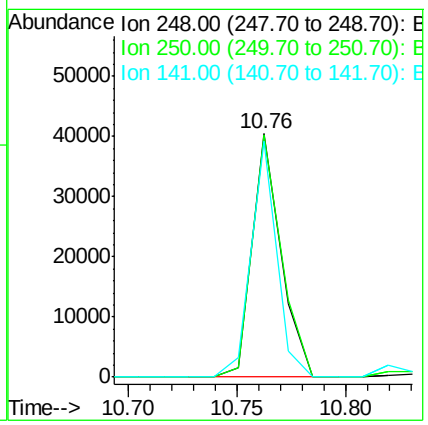
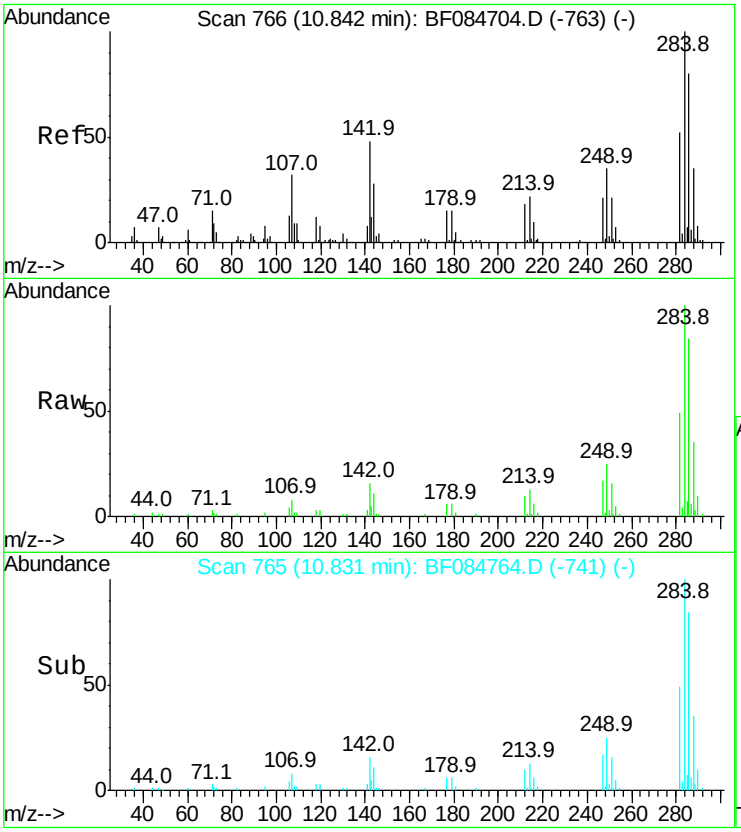


#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:248 Resp: 37198

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.4	117.6
141	97.1	44.0	66.0#

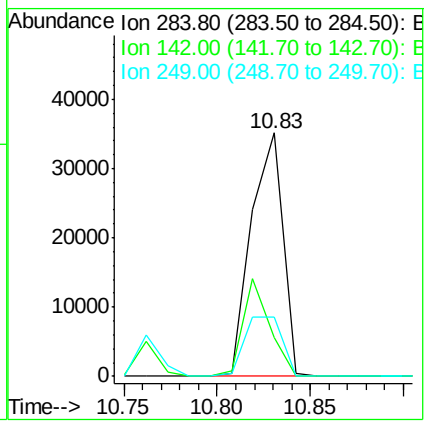




#67
Hexachlorobenzene
Concen: 5.11 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:284 Resp: 41252

Ion	Ratio	Lower	Upper
284	100		
142	16.0	22.2	33.4#
249	24.6	24.6	37.0#



Instrument :
BNA_F
ClientSampleId :
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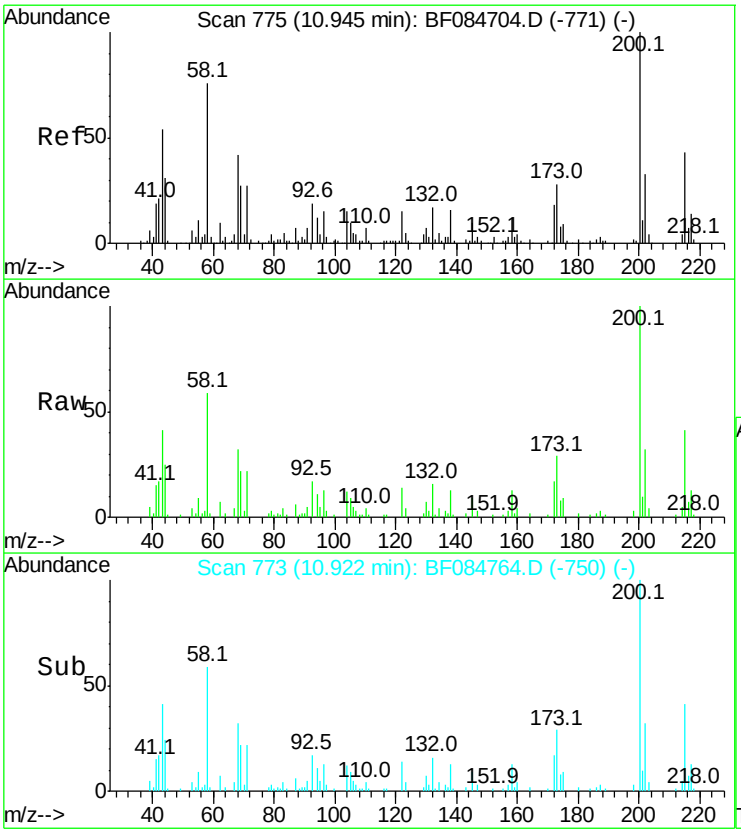
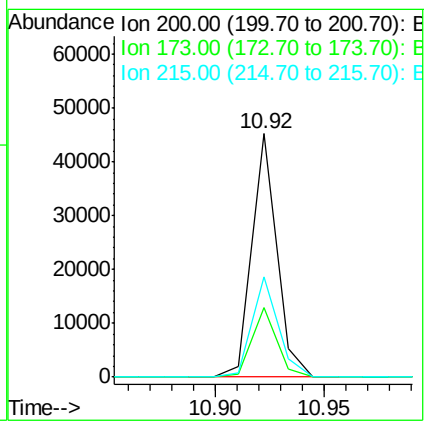
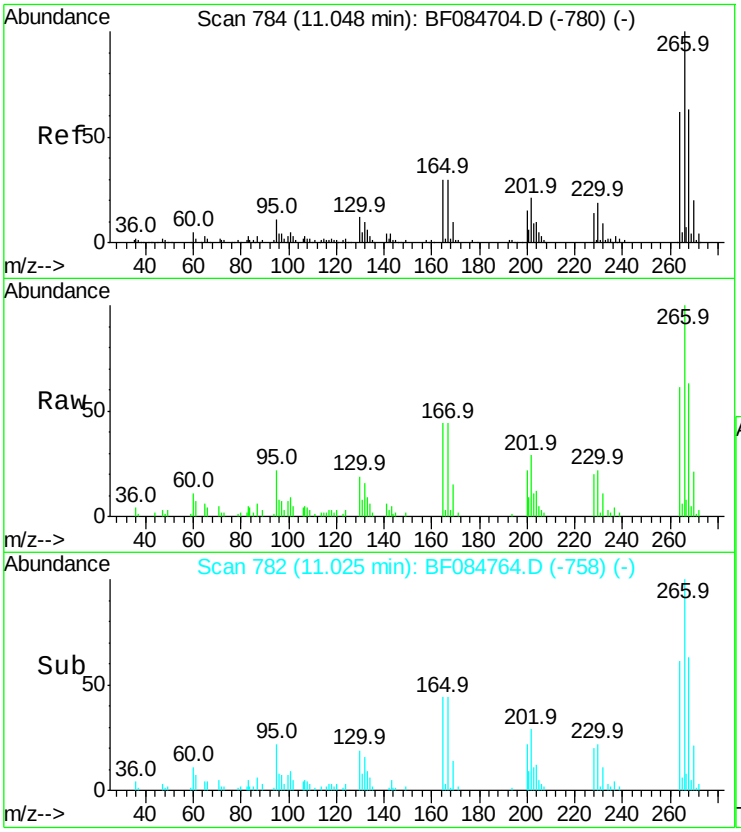


#68
Atrazine
Concen: 5.36 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:200 Resp: 36056

Ion	Ratio	Lower	Upper
200	100		
173	28.7	9.5	49.5
215	40.9	23.8	63.8

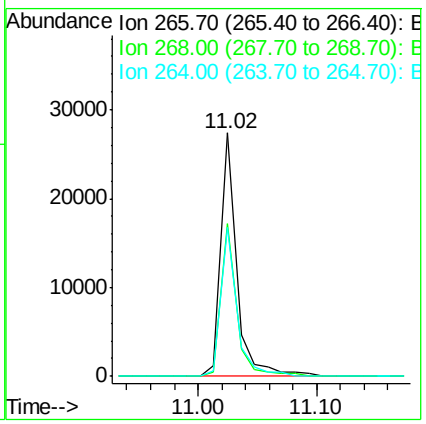




#69
Pentachlorophenol
Concen: 6.66 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:266 Resp: 25271

Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.4	78.6
264	61.2	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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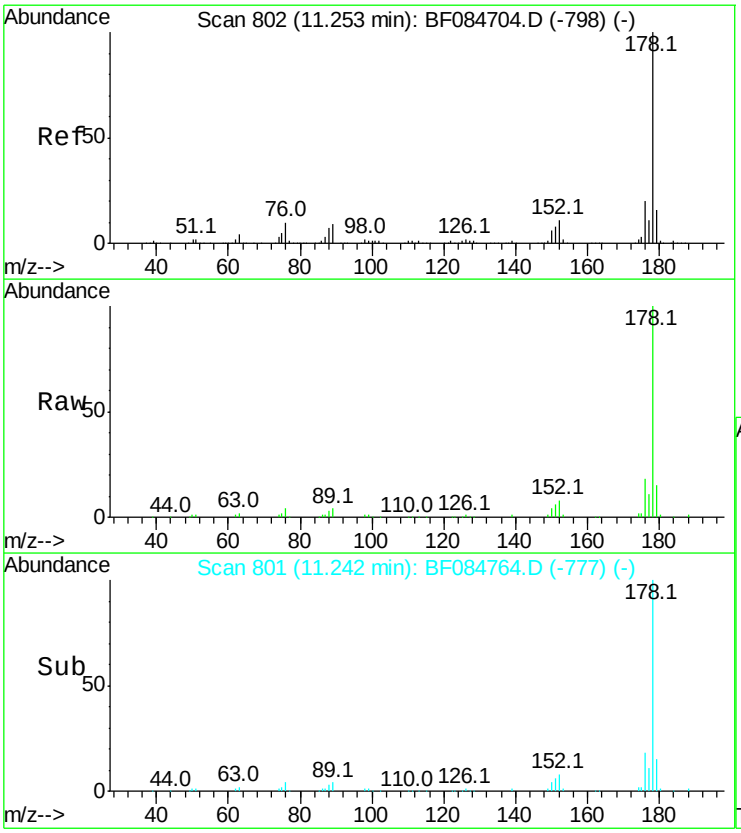
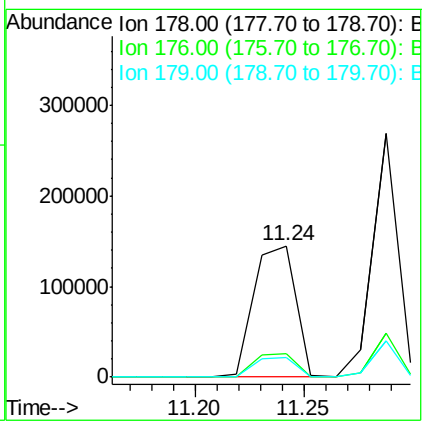
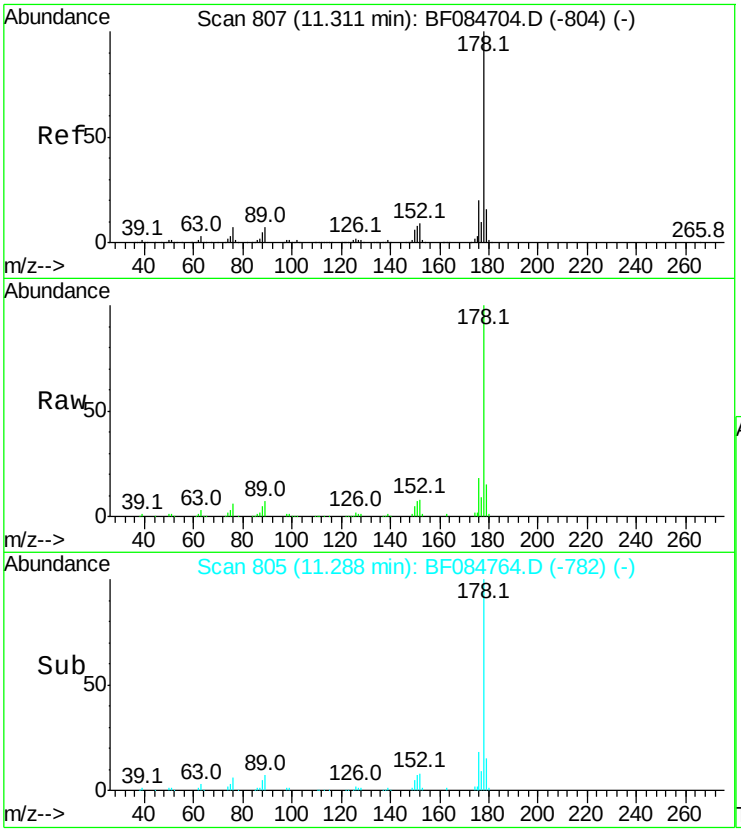


#70
Phenanthrene
Concen: 5.24 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:178 Resp: 194990

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	14.8	12.0	18.0

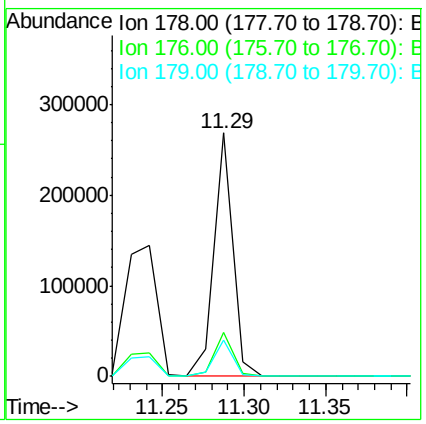




#71
Anthracene
Concen: 5.79 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:178 Resp: 217040

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	14.9	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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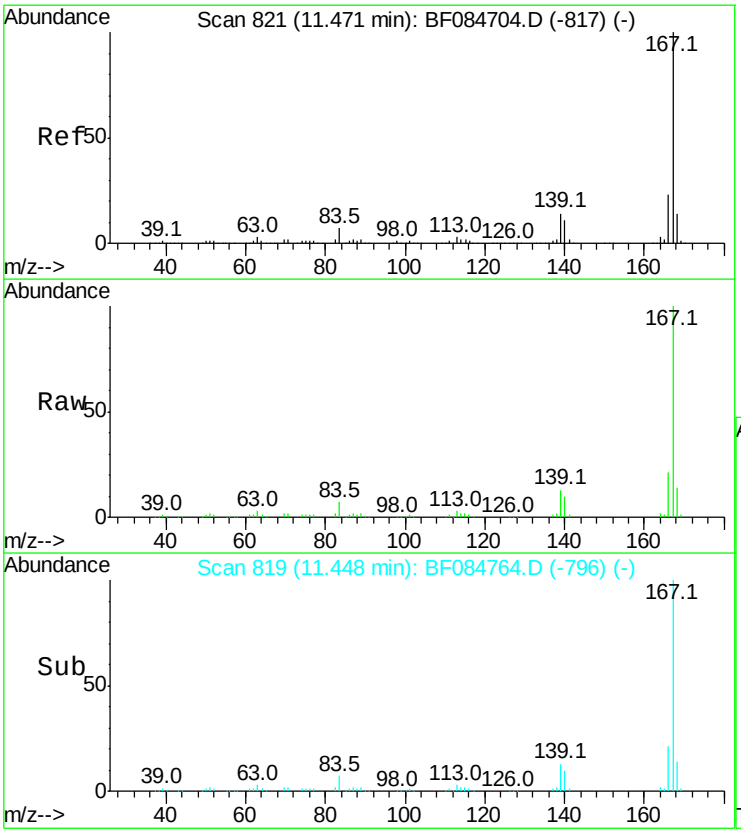
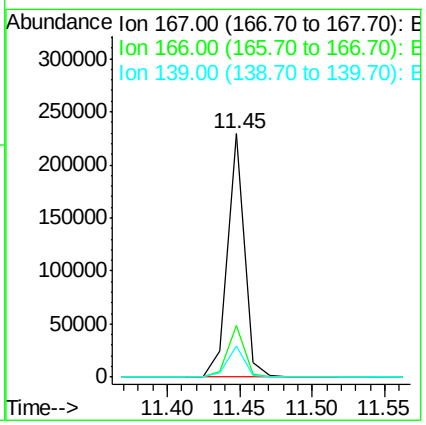
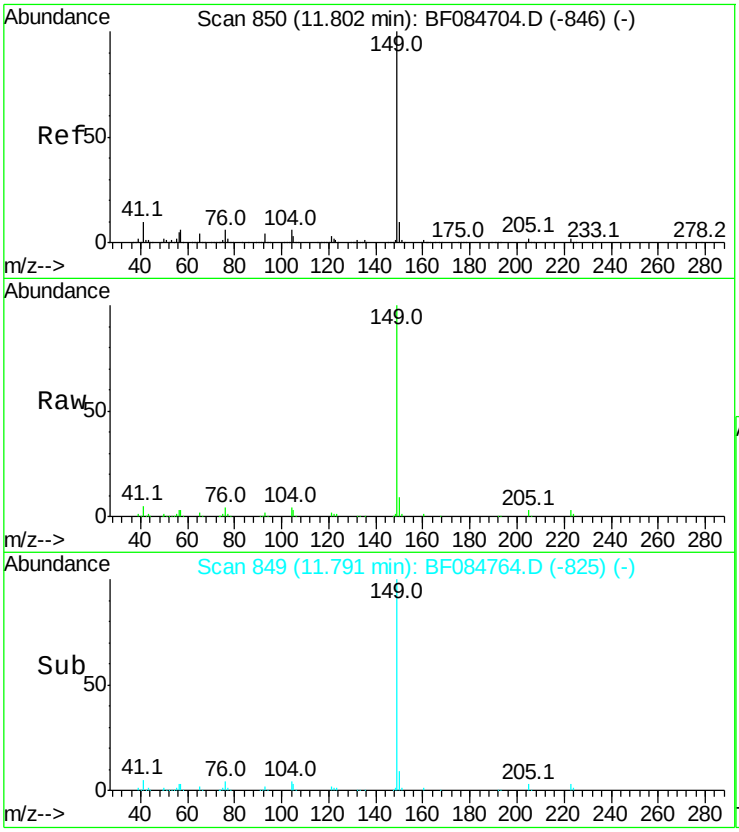


#72
Carbazole
Concen: 5.64 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:167 Resp: 184386

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.9	11.8	17.8

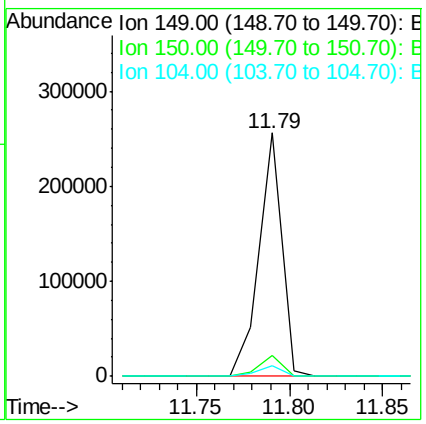




#73
Di-n-butylphthalate
Concen: 5.17 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:149 Resp: 215313

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.1	10.7
104	4.1	3.2	4.8



Instrument :
BNA_F
ClientSampleId :
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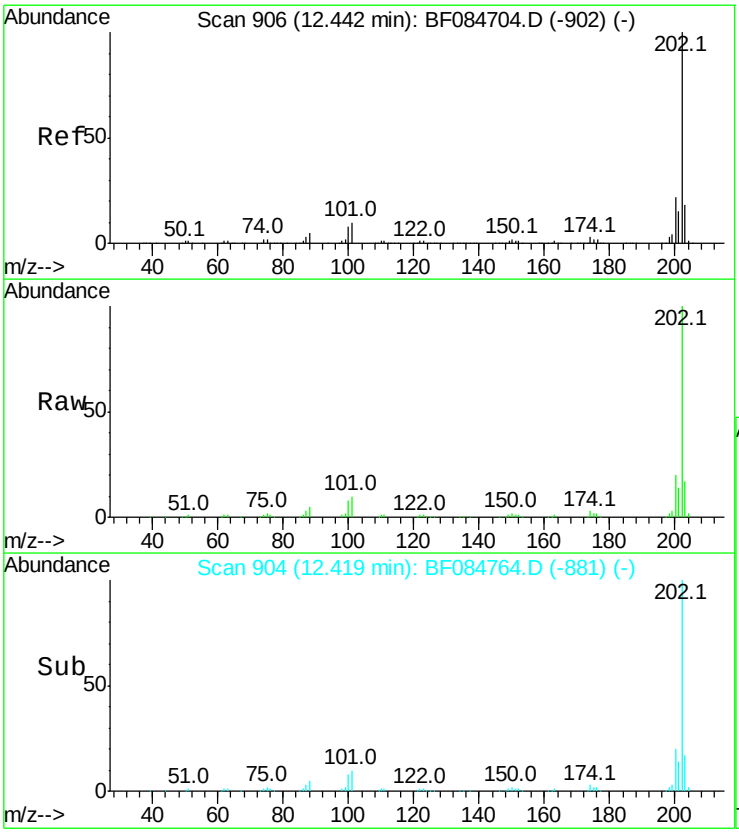
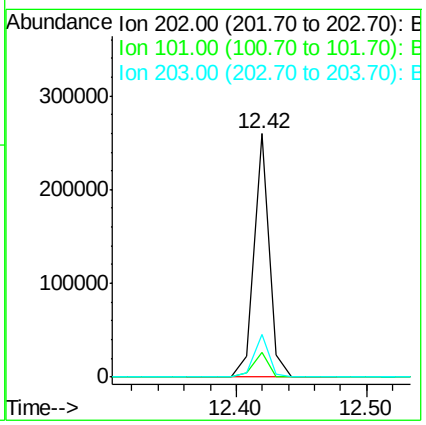
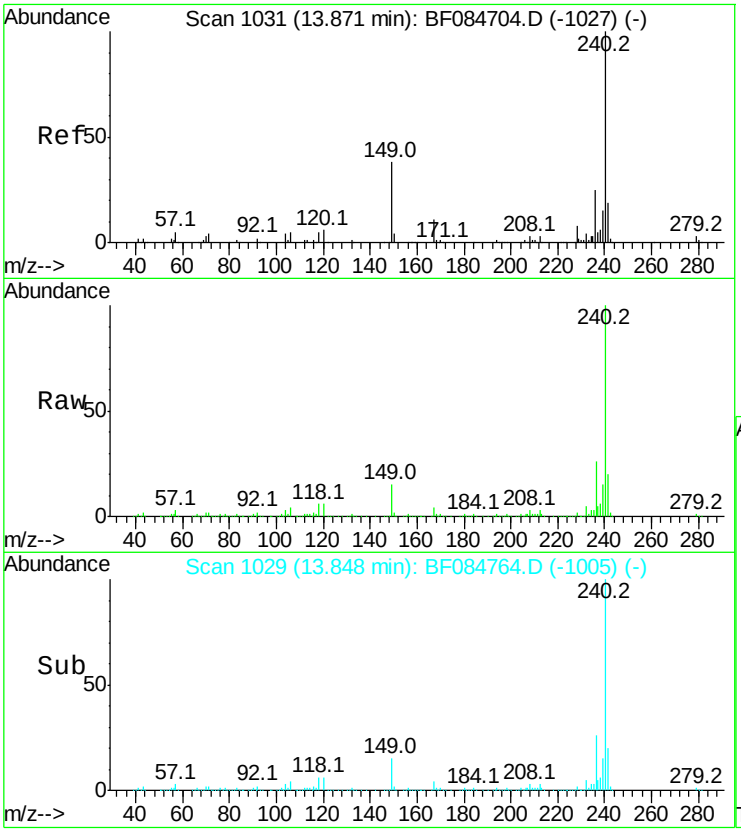


#74
Fluoranthene
Concen: 5.59 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:202 Resp: 210654

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.8
203	17.3	0.0	37.9

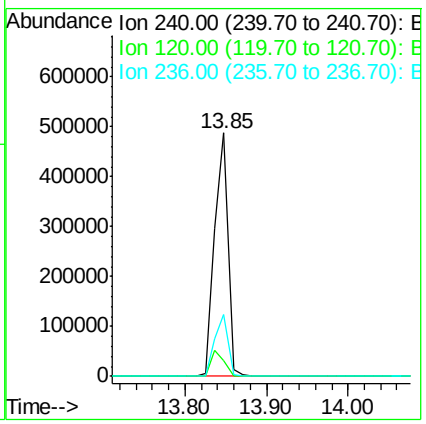




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:240 Resp: 558528

Ion	Ratio	Lower	Upper
240	100		
120	6.5	9.5	14.3#
236	25.6	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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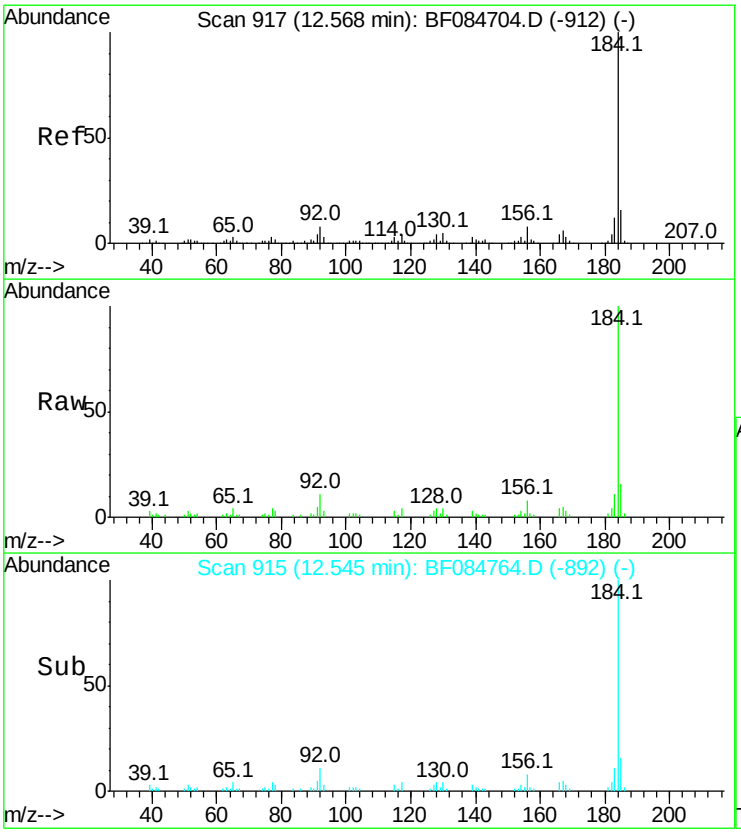
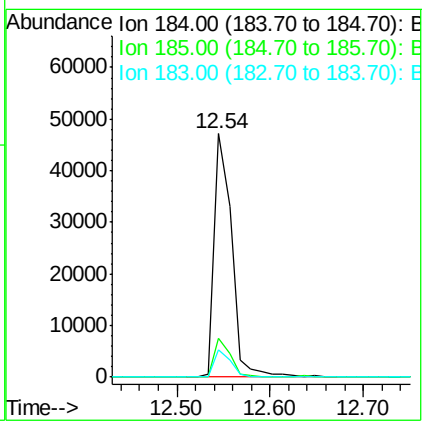
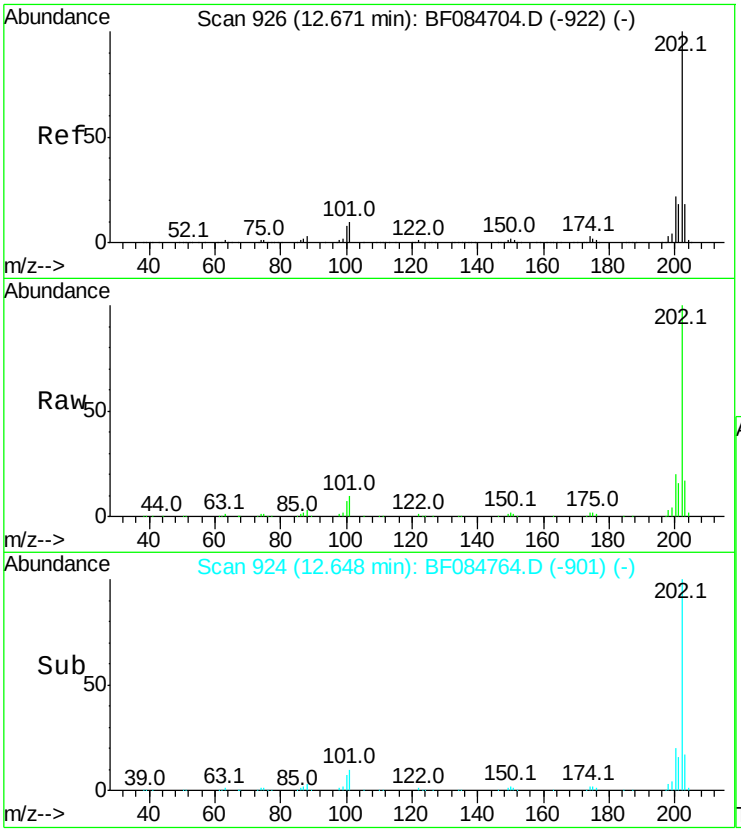


#76
Benzidine
Concen: 8.95 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:184 Resp: 60779

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.2	18.2
183	11.0	9.8	14.8

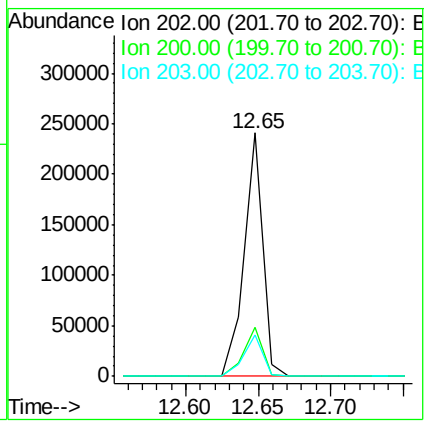




#77
Pyrene
Concen: 5.03 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:202 Resp: 214964

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.2	25.8
203	17.0	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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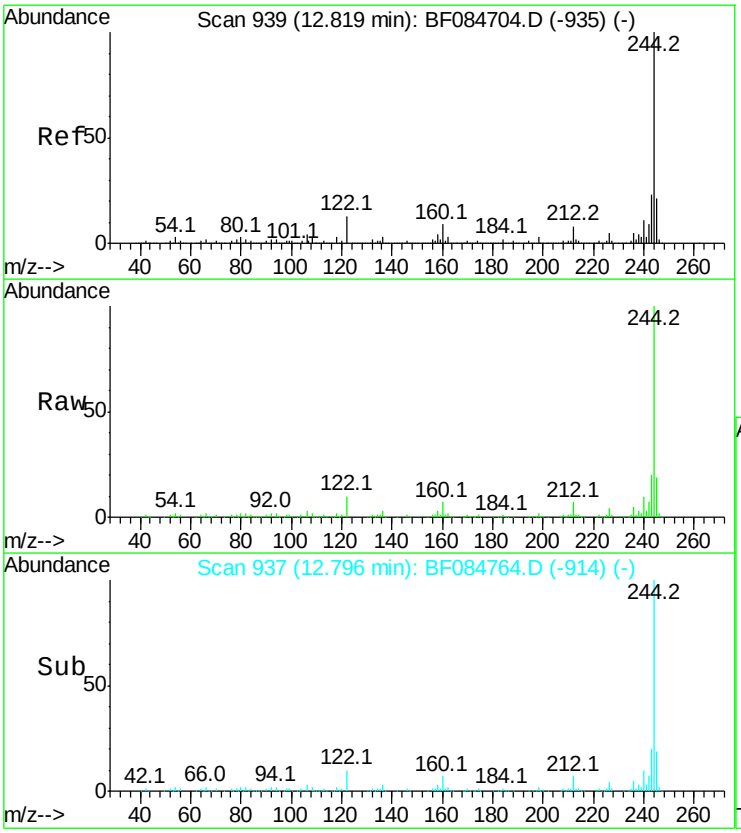
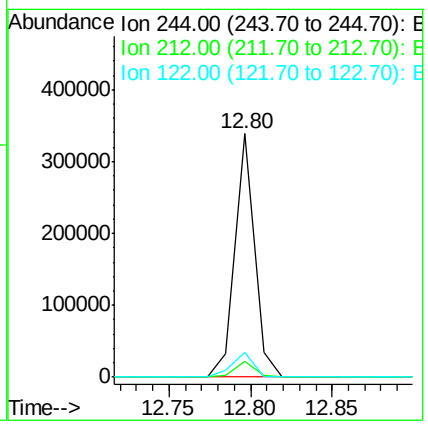
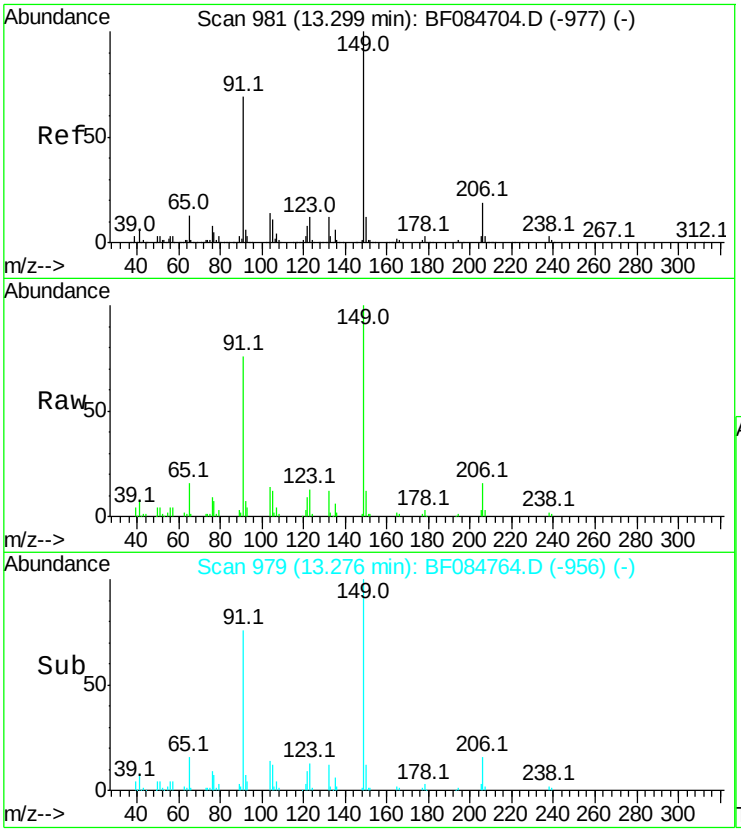


#78
Terphenyl-d14
Concen: 11.35 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:244 Resp: 279801

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	10.3	7.4	11.0

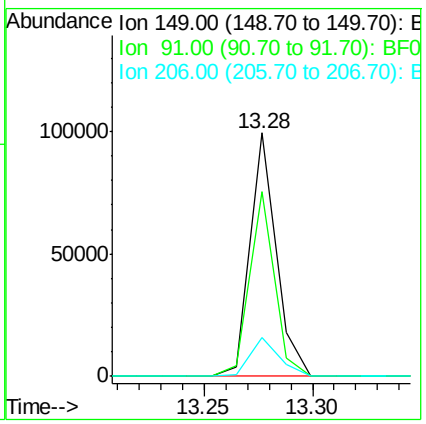




#79
Butylbenzylphthalate
Concen: 4.28 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:149 Resp: 83106

Ion	Ratio	Lower	Upper
149	100		
91	75.9	57.6	86.4
206	16.0	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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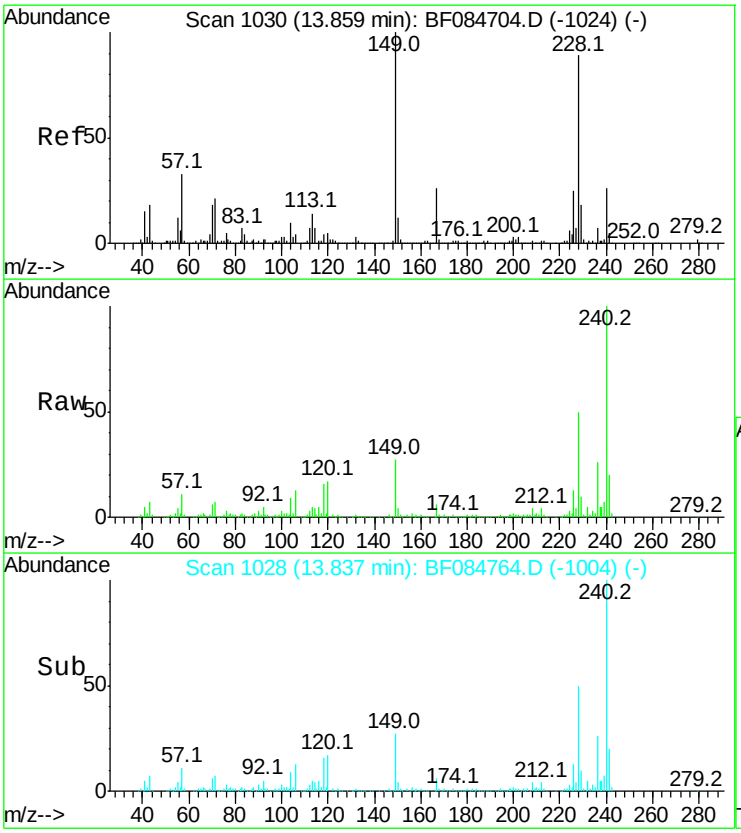
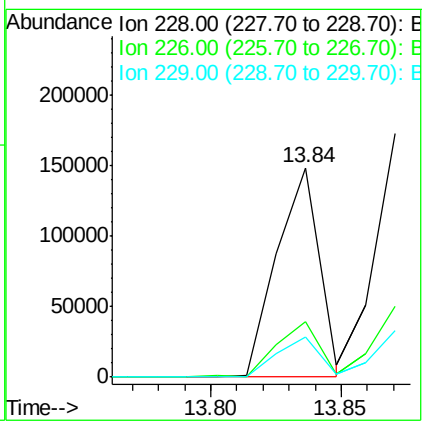
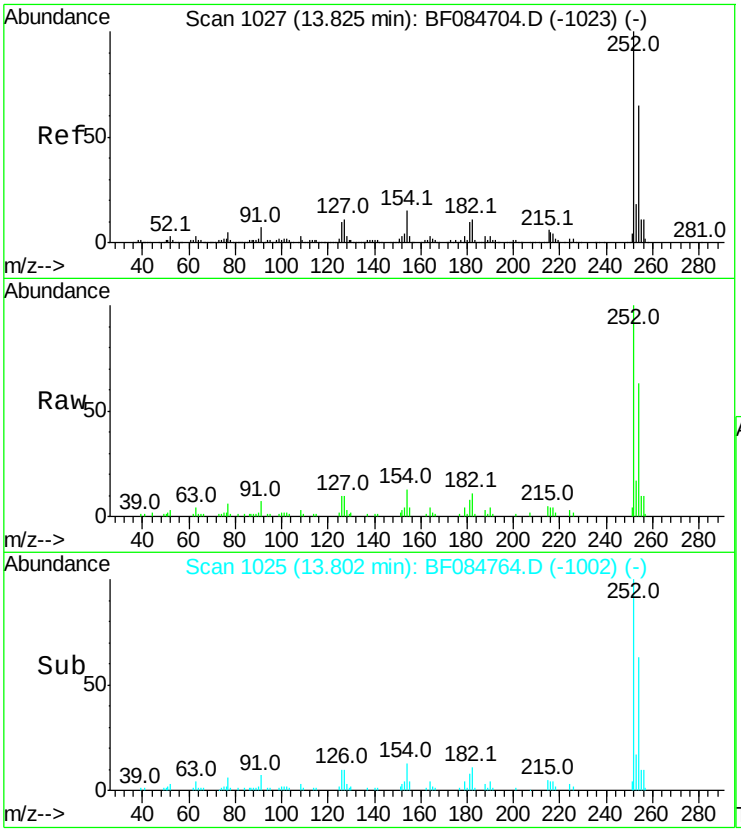


#80
Benzo(a)anthracene
Concen: 4.86 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:228 Resp: 168570

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.2	15.8	23.8

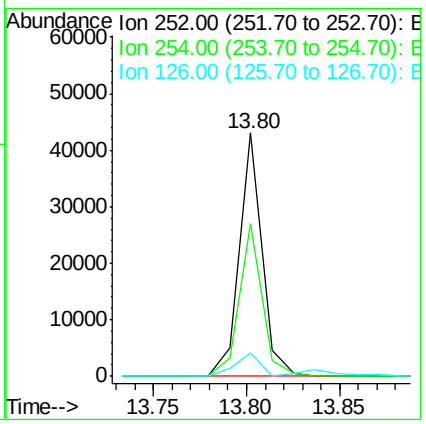




#81
3,3'-Dichlorobenzidine
Concen: 2.97 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:252 Resp: 36493

Ion	Ratio	Lower	Upper
252	100		
254	62.9	53.5	80.3
126	9.8	4.9	7.3#



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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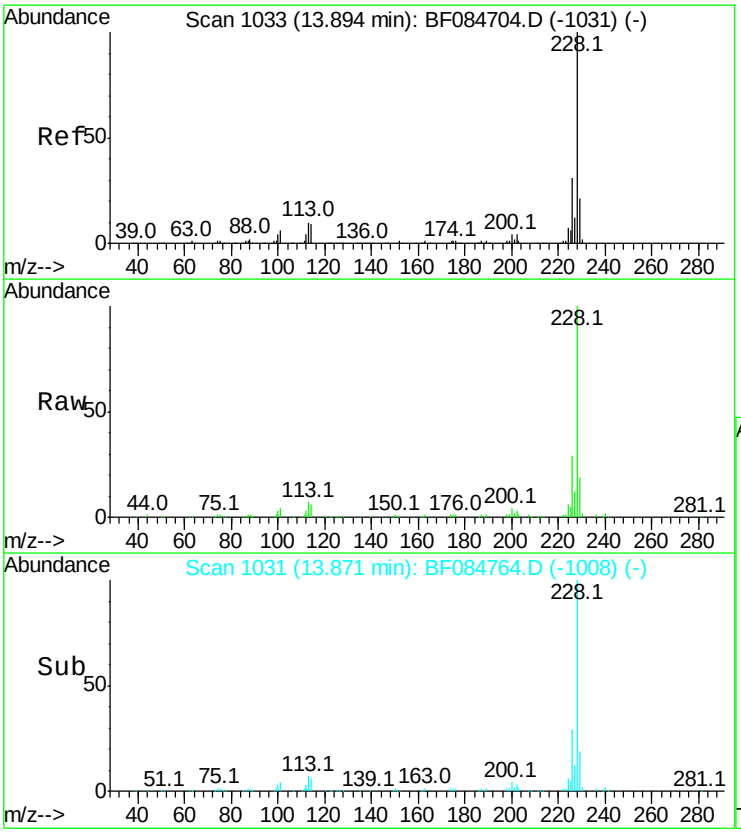
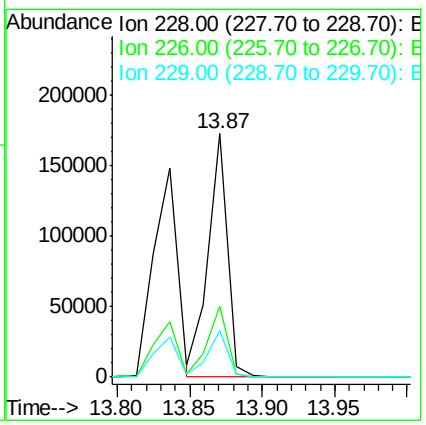
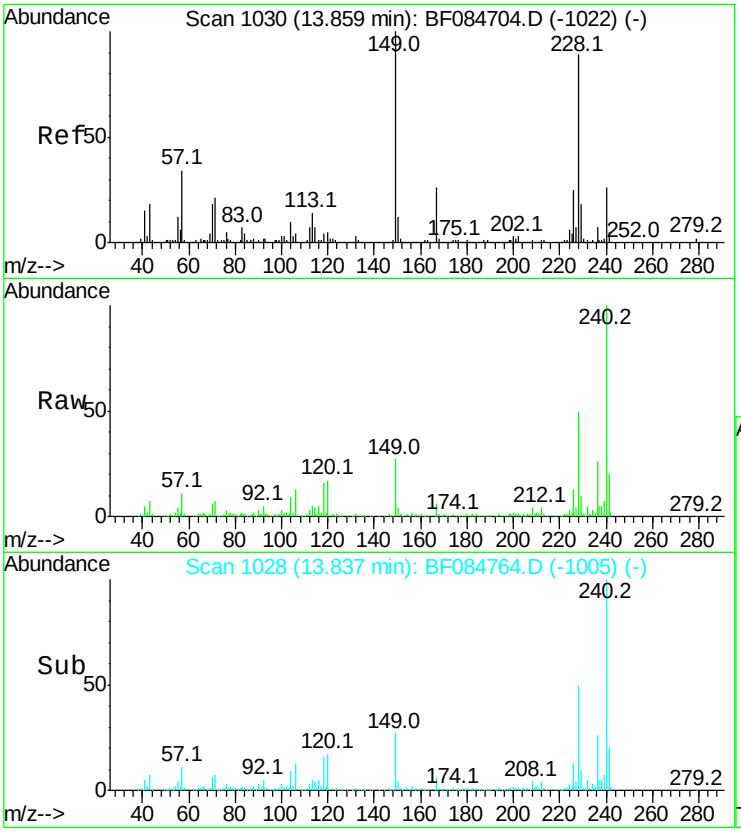


#82
Chrysene
Concen: 4.79 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:228 Resp: 161056

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	18.9	16.1	24.1

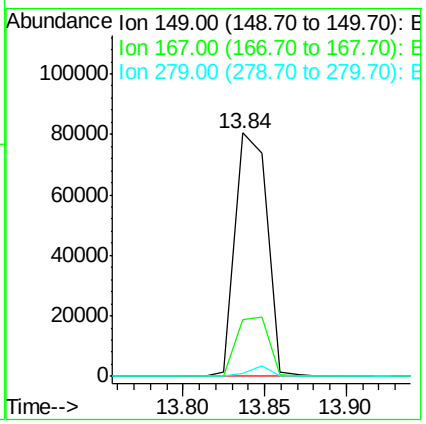




#83
Bis(2-ethylhexyl)phthalate
Concen: 4.49 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:149 Resp: 108370

Ion	Ratio	Lower	Upper
149	100		
167	23.2	19.7	29.5
279	1.3	1.8	2.6#



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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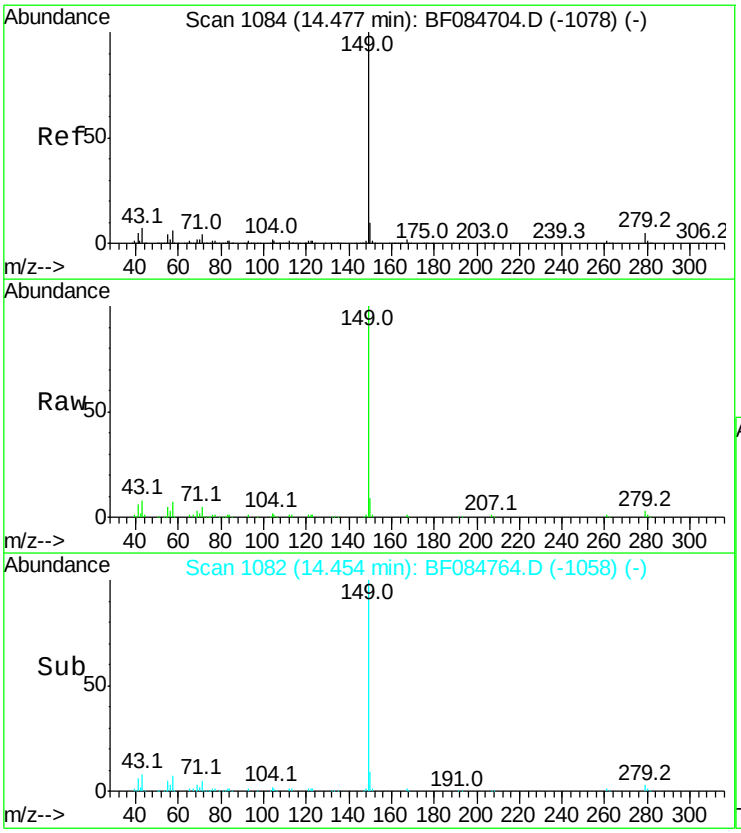
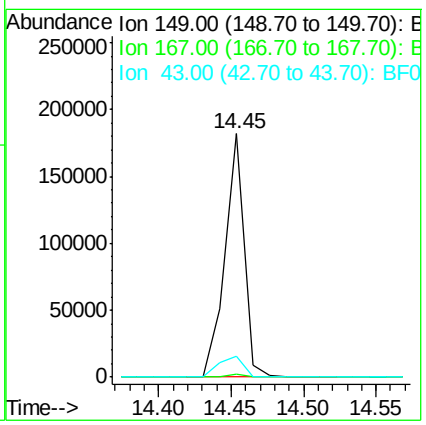
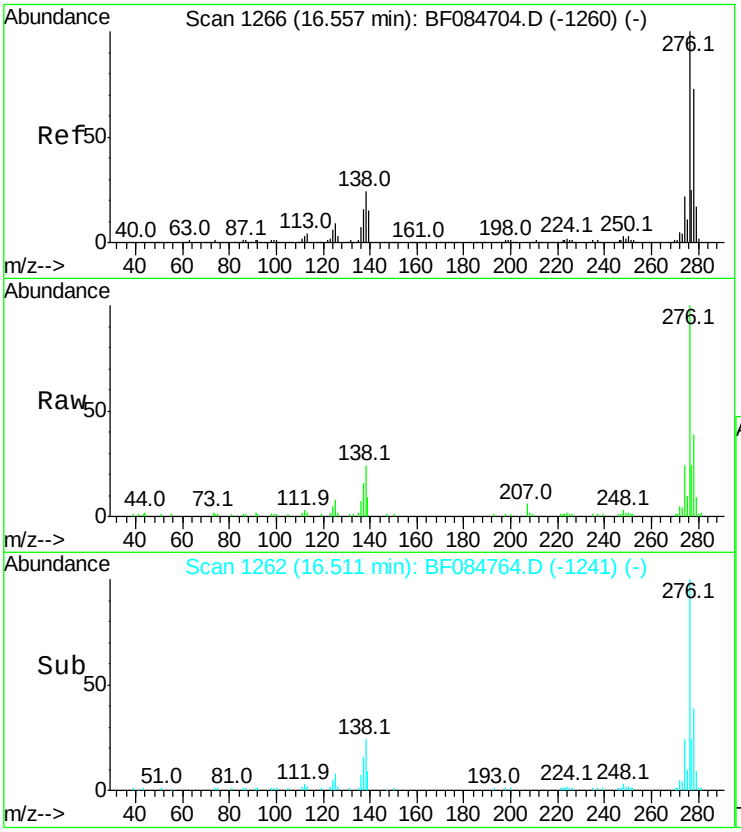


#84
Di-n-octyl phthalate
Concen: 4.20 ng
RT: 14.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:149 Resp: 167308

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.2	5.6	8.4#

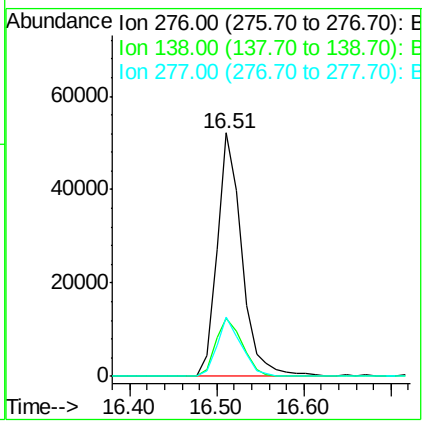




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.90 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.06 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:276 Resp: 103201

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	23.5	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
PB88115BS

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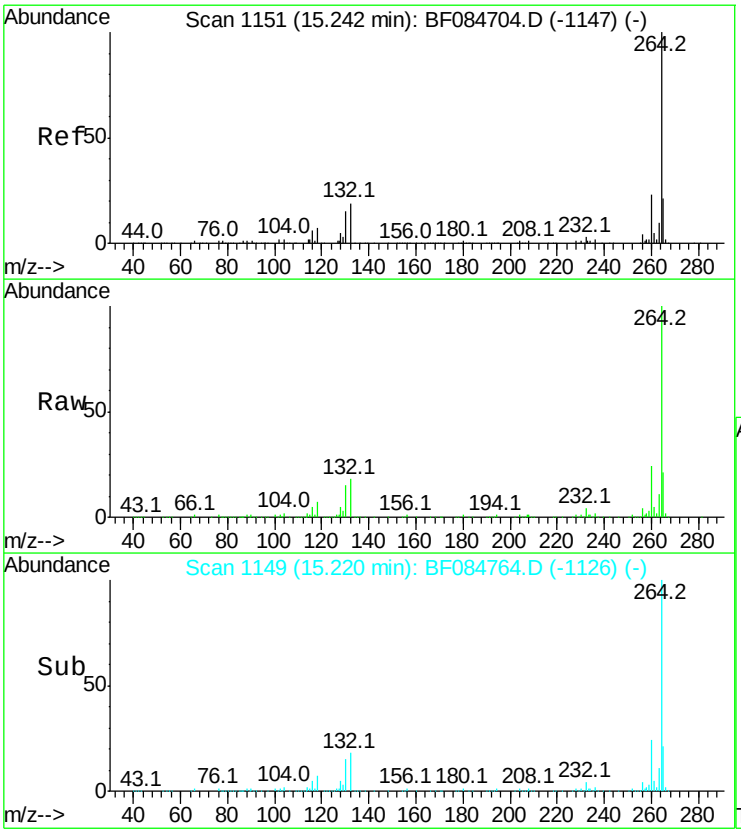
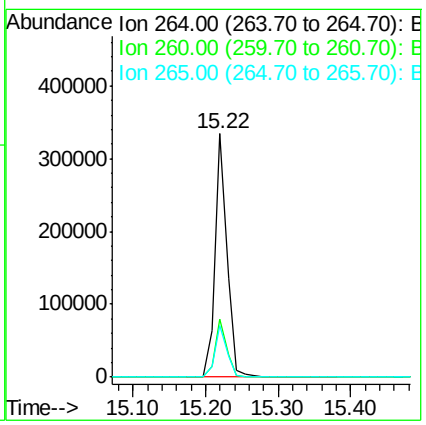
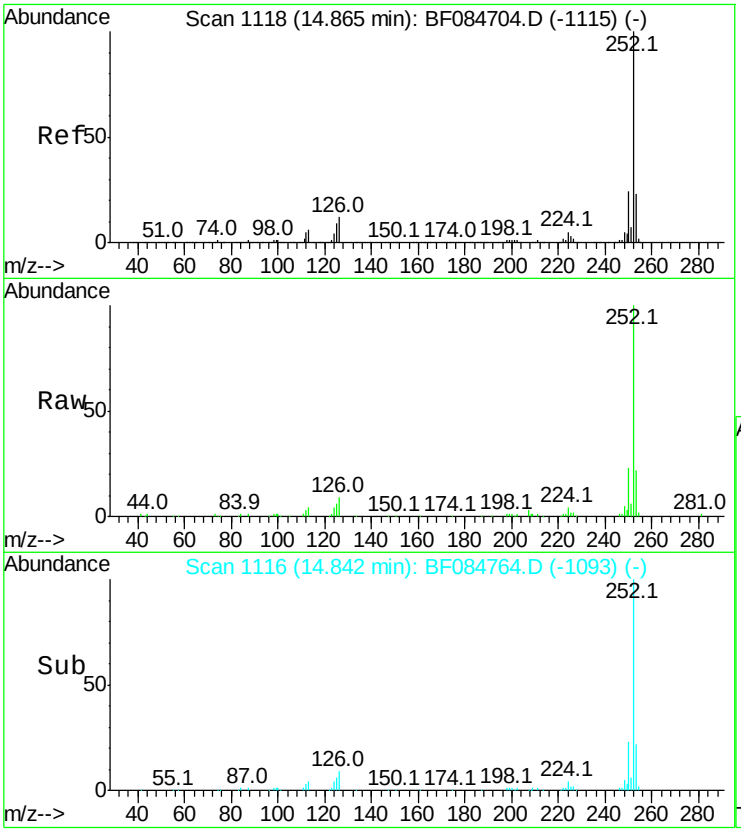


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:264 Resp: 381511

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.3	17.8	26.6

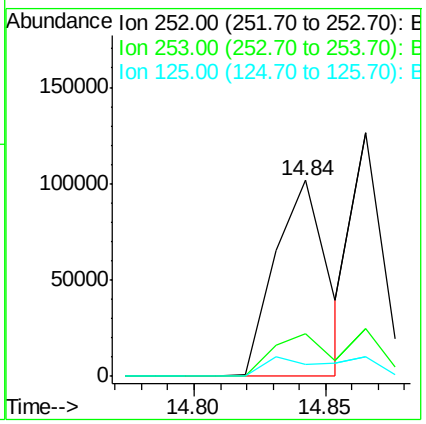




#87
Benzo(b)fluoranthene
Concen: 5.55 ng m
RT: 14.84 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:252 Resp: 142167

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	6.3	6.5	9.7#



Instrument :
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ClientSampleId :
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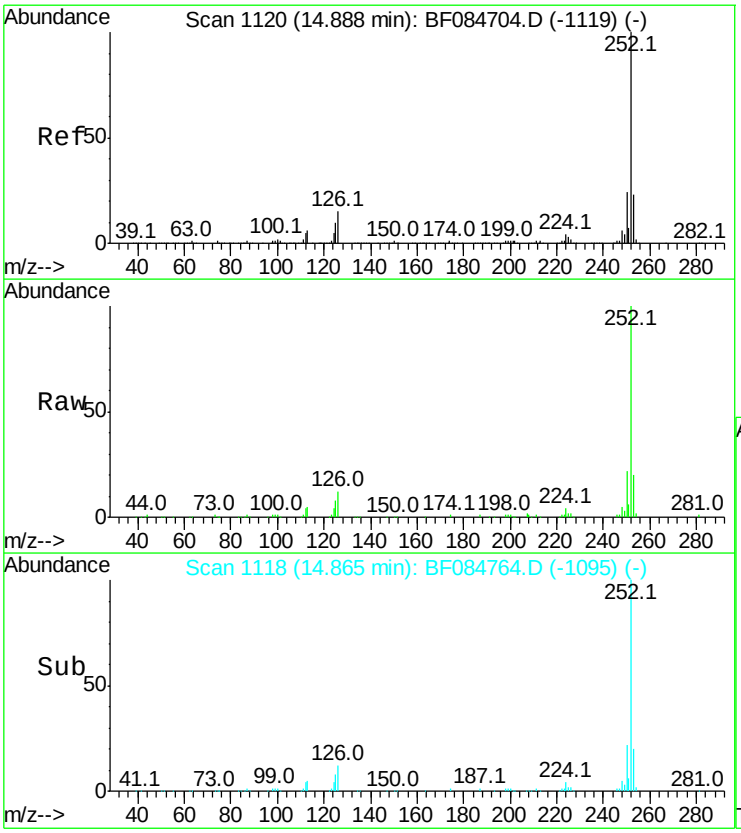
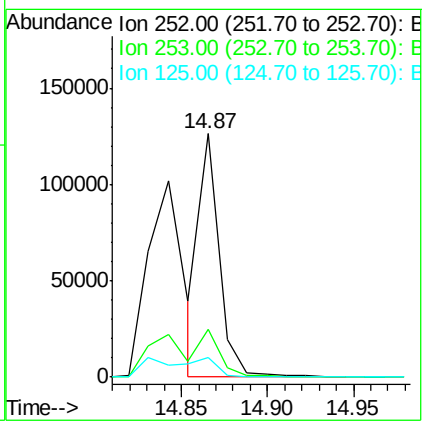
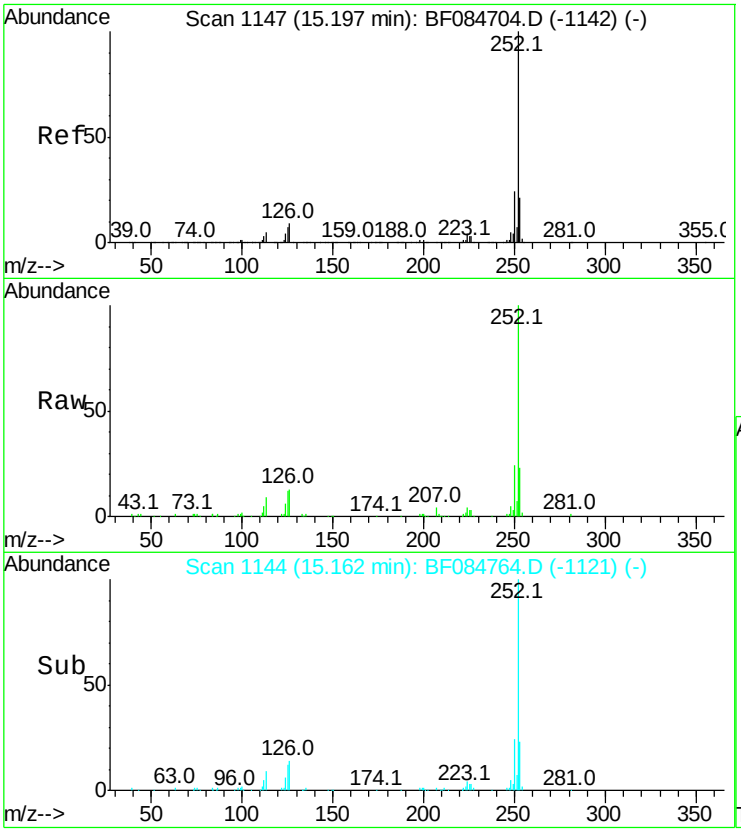


#88
Benzo(k)fluoranthene
Concen: 4.95 ng m
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:252 Resp: 104931

Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.1	27.1
125	8.3	9.0	13.6#





#89
Benzo(a)pyrene
Concen: 4.88 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:252 Resp: 106610

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	11.8	7.0	10.4#

Instrument :
BNA_F
ClientSampleId :
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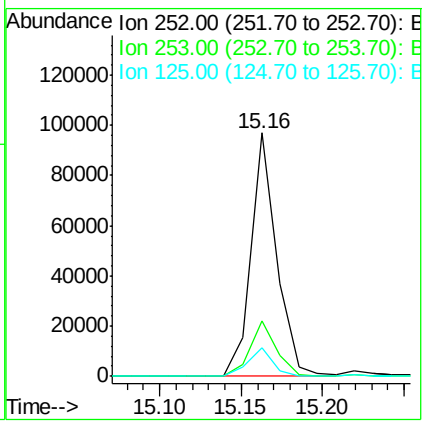
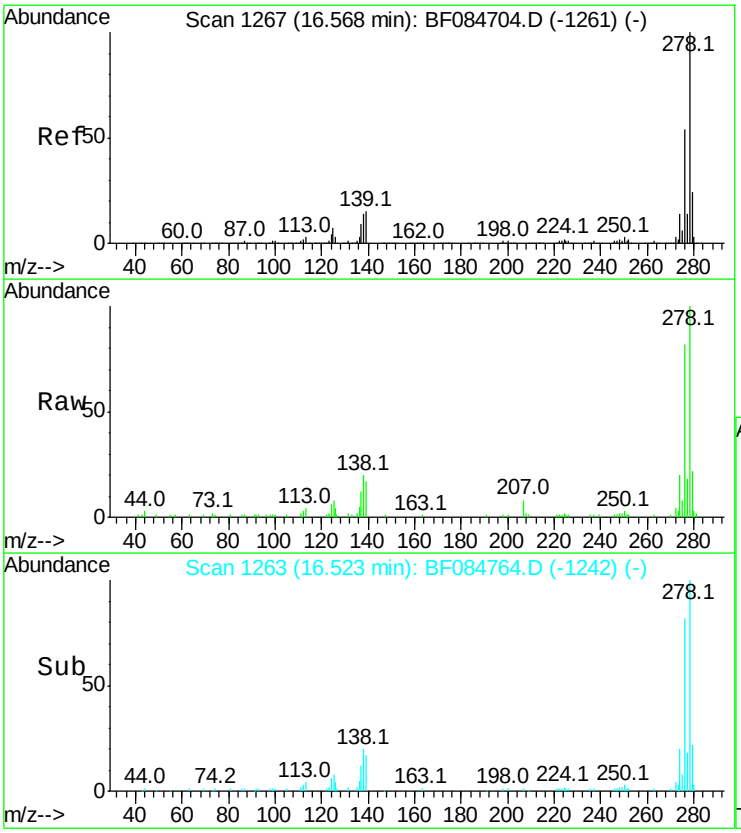
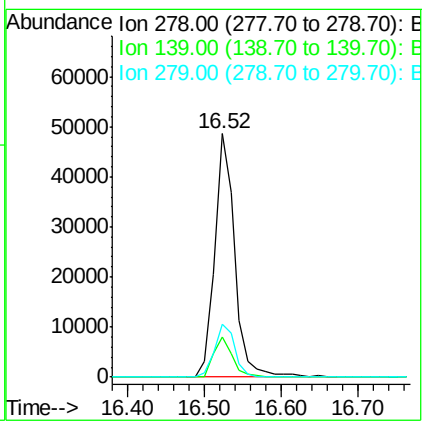


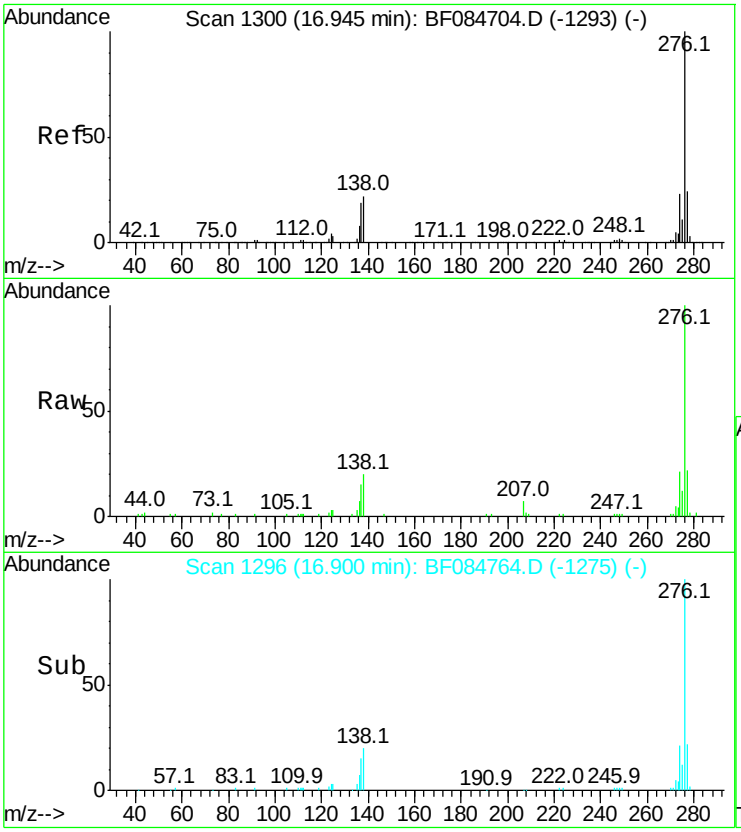


#90
Dibenzo(a,h)anthracene
Concen: 4.80 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.06 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:278 Resp: 88317

Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.0	22.4
279	21.8	18.9	28.3

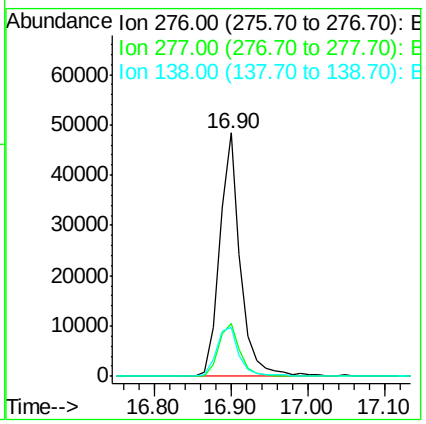




#91
Benzo(g,h,i)perylene
Concen: 4.94 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.06 min
Lab File: BF084764.D
Acq: 3 Feb 2016 1:08

Tgt Ion:276 Resp: 91528

Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.8	28.2
138	20.1	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
PB88115BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:44 PM