Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084212.D
Acq On : 31 Dec 2015 23:17
Operator : UM/SJ
Sample : PB86817BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86817BS

Manual Integrations APPROVED
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1/4/2016 4:29:46 PM

Quant Time: Jan 02 00:44:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	275118	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1165029	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	529147	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	966685	20.00	ng		0.00
75) Chrysene-d12	14.07	240	749189	20.00	ng		0.00
86) Perylene-d12	15.51	264	526763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2031705	119.45	ng		0.01
7) Phenol-d6	6.53	99	2513812	117.68	ng		0.00
23) Nitrobenzene-d5	7.47	82	1785465	85.29	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	697693	130.60	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2557293	85.02	ng		0.00
78) Terphenyl-d14	13.01	244	2367094	70.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	281473	34.93	ng	#	72
3) Pyridine	3.34	79	781990	34.81	ng	#	71
4) n-Nitrosodimethylamine	3.30	42	466291	40.44	ng	#	76
6) Aniline	6.57	93	730565	23.38	ng	#	78
8) 2-Chlorophenol	6.68	128	772686	40.04	ng		84
9) Benzaldehyde	6.44	77	226171	16.26	ng		97
10) Phenol	6.54	94	1133915	46.69	ng		90
11) bis(2-Chloroethyl)ether	6.64	93	709686	37.72	ng	#	79
12) 1,3-Dichlorobenzene	6.84	146	831277m	41.76	ng		
13) 1,4-Dichlorobenzene	6.92	146	856391	42.90	ng		94
14) 1,2-Dichlorobenzene	7.07	146	735278	38.46	ng		96
15) Benzyl Alcohol	7.05	79	771413	42.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1379584	40.26	ng		84
17) 2-Methylphenol	7.15	107	686569	42.45	ng		95
18) Hexachloroethane	7.41	117	322341	40.38	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	625370	43.25	ng	#	72
20) 3+4-Methylphenols	7.31	107	796707	41.91	ng	#	81
22) Acetophenone	7.31	105	1074342	38.35	ng	#	83
24) Nitrobenzene	7.48	77	791450	37.28	ng		93
25) Isophorone	7.72	82	1598974	39.94	ng		97
26) 2-Nitrophenol	7.80	139	411125	42.55	ng	#	83
27) 2,4-Dimethylphenol	7.84	122	783097	40.04	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	978940	40.03	ng		98
29) 2,4-Dichlorophenol	8.04	162	654825	40.19	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	714193	42.46	ng	#	94
31) Naphthalene	8.21	128	2311623	43.73	ng		99
32) Benzoic acid	7.96	122	516699	41.97	ng		96
33) 4-Chloroaniline	8.26	127	320733	13.24	ng	#	93
34) Hexachlorobutadiene	8.33	225	387707	40.10	ng		98
35) Caprolactam	8.62	113	219131m	39.90	ng		
36) 4-Chloro-3-methylphenol	8.74	107	743844	40.76	ng		95
37) 2-Methylnaphthalene	8.90	142	1444090	38.06	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	658552	43.29	ng		97
40) Hexachlorocyclopentadiene	9.06	237	790898	86.13	ng		98

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86817BS

Manual Integrations APPROVED
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Quant Time: Jan 02 00:44:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	462595	40.65	ng		93
43) 2,4,5-Trichlorophenol	9.22	196	462257	42.37	ng	#	87
45) 1,1'-Biphenyl	9.37	154	1810778	43.06	ng		100
46) 2-Chloronaphthalene	9.39	162	1348268	40.82	ng		95
47) 2-Nitroaniline	9.48	65	454464	41.68	ng		96
48) Acenaphthylene	9.80	152	2112870	43.29	ng		97
49) Dimethylphthalate	9.68	163	1660798	43.90	ng	#	92
50) 2,6-Dinitrotoluene	9.73	165	385518	46.47	ng		94
51) Acenaphthene	9.97	154	1540960	47.07	ng		98
52) 3-Nitroaniline	9.89	138	222373	21.63	ng		91
53) 2,4-Dinitrophenol	10.00	184	309818	87.32	ng	#	75
54) Dibenzofuran	10.16	168	1932588	45.62	ng		99
55) 4-Nitrophenol	10.05	139	569787	76.35	ng	#	77
56) 2,4-Dinitrotoluene	10.13	165	549069	52.29	ng		86
57) Fluorene	10.49	166	1402859	42.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	416122	44.67	ng		87
59) Diethylphthalate	10.37	149	1668519	44.74	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	696886	51.52	ng		99
61) 4-Nitroaniline	10.51	138	385536	42.07	ng		95
62) Azobenzene	10.65	77	1878490	45.92	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	230600	39.05	ng	#	61
65) n-Nitrosodiphenylamine	10.60	169	1251447	40.49	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	471485	45.31	ng		93
67) Hexachlorobenzene	11.04	284	468290	39.99	ng	#	82
68) Atrazine	11.13	200	460832	45.56	ng		98
69) Pentachlorophenol	11.23	266	505477	83.24	ng		97
70) Phenanthrene	11.45	178	2235004	44.20	ng		96
71) Anthracene	11.50	178	2160933	43.60	ng		96
72) Carbazole	11.65	167	1844488	38.06	ng		98
73) Di-n-butylphthalate	12.00	149	2500158	49.88	ng	#	95
74) Fluoranthene	12.64	202	2082101	39.42	ng		98
76) Benzidine	12.76	184	492899	18.35	ng		98
77) Pyrene	12.87	202	2134376	36.30	ng		97
79) Butylbenzylphthalate	13.49	149	1125426	44.24	ng		96
80) Benzo(a)anthracene	14.05	228	1781175	40.49	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	378793	24.67	ng	#	98
82) Chrysene	14.09	228	1399354	33.10	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1308132	40.70	ng	#	97
84) Di-n-octyl phthalate	14.66	149	2087169	38.46	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.92	276	1380825	41.21	ng		99
87) Benzo(b)fluoranthene	15.08	252	1703658m	49.44	ng		
88) Benzo(k)fluoranthene	15.12	252	1082760m	38.42	ng		
89) Benzo(a)pyrene	15.44	252	1294170	44.28	ng	#	95
90) Dibenzo(a,h)anthracene	16.95	278	1132480	45.03	ng	#	95
91) Benzo(g,h,i)perylene	17.35	276	1171366	44.98	ng		98

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
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Acq On : 31 Dec 2015 23:17
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Misc :
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Quant Time: Jan 02 00:44:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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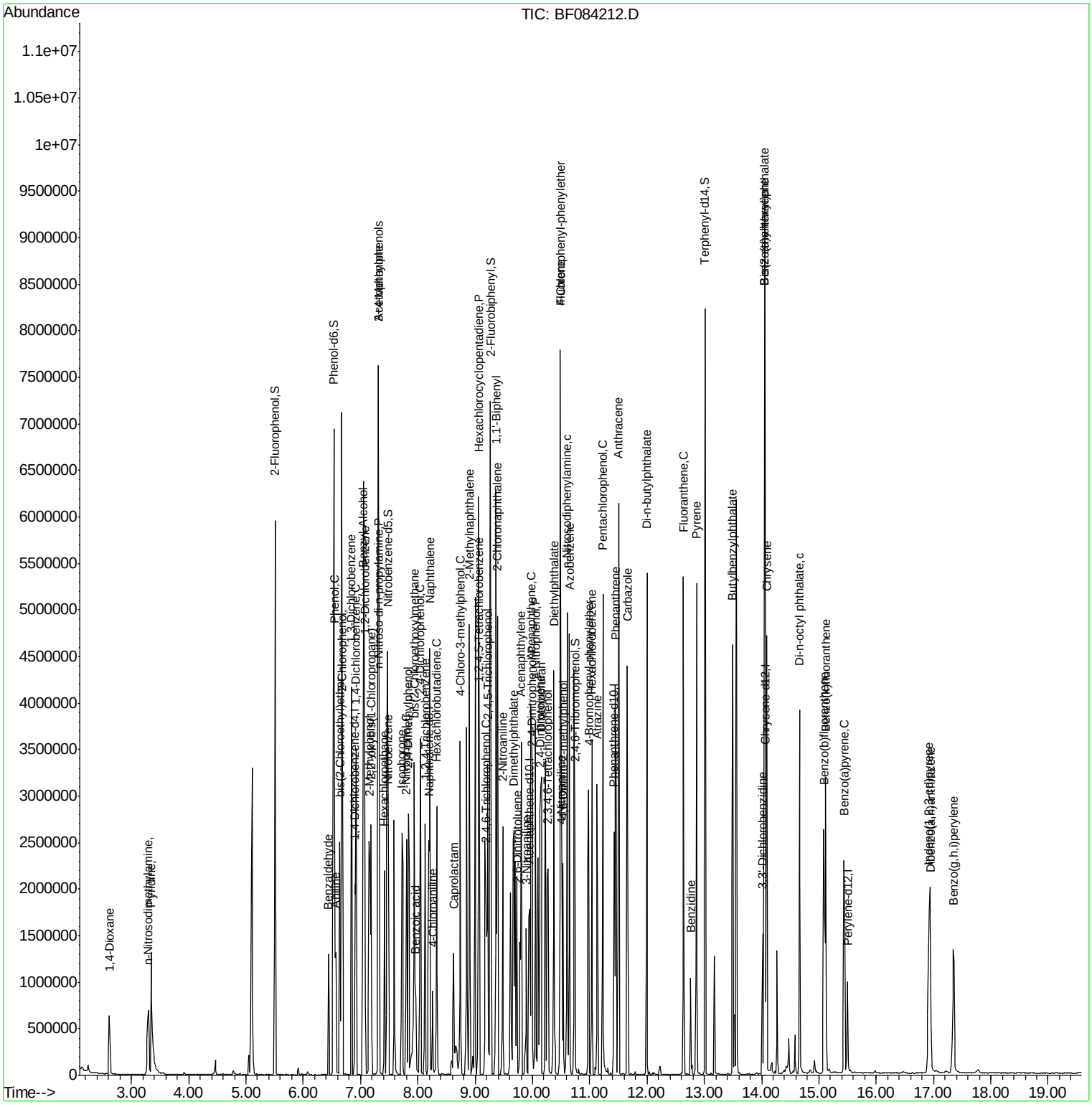
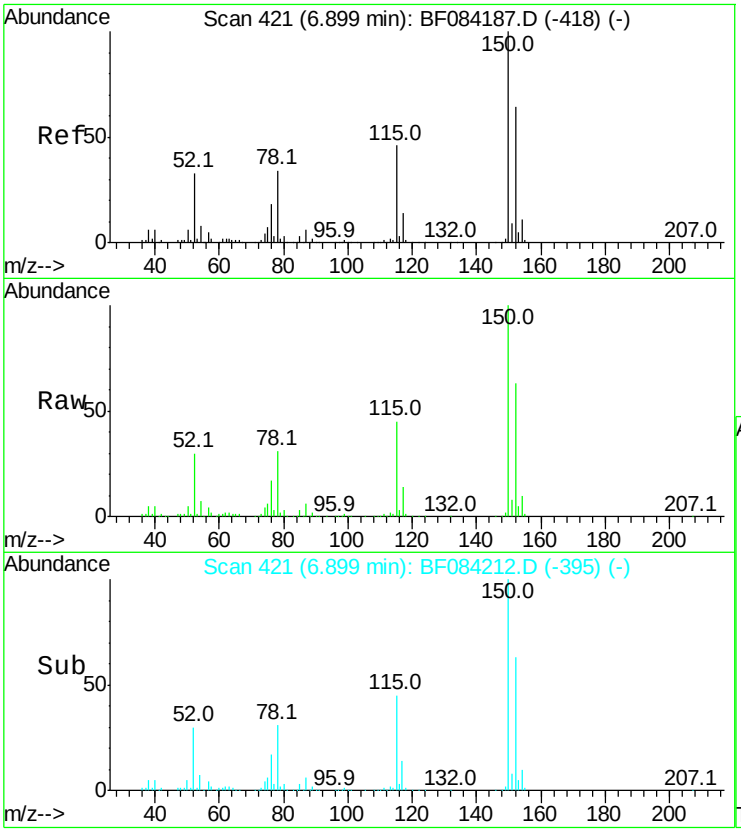
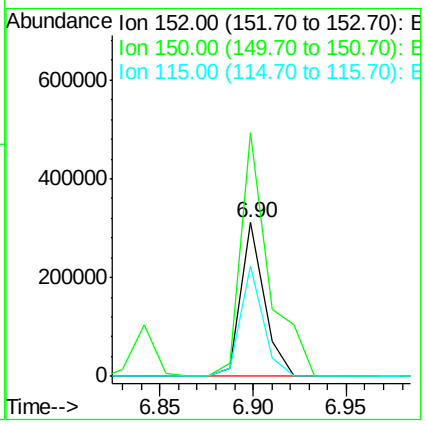




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:152 Resp: 275118

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.0	184.4
115	71.4	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
PB86817BS

Manual Integrations APPROVED
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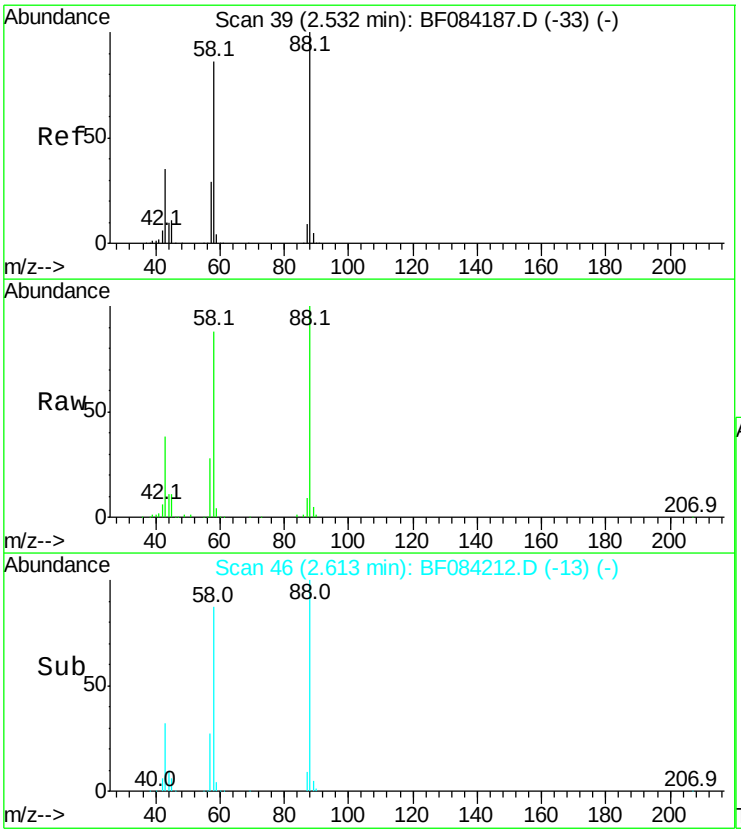
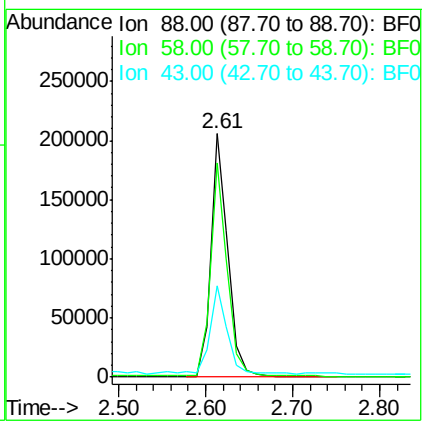
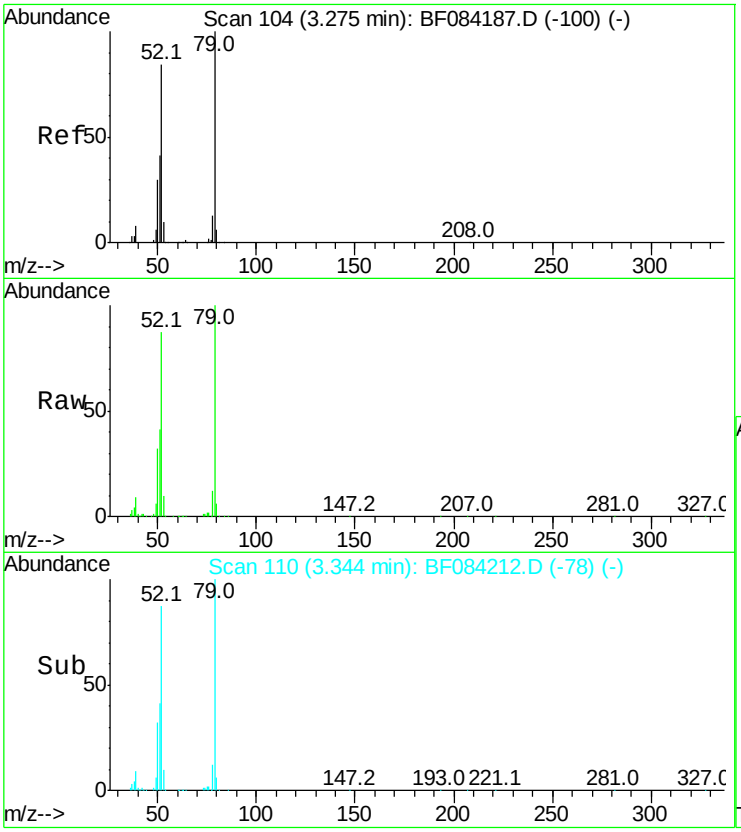


#2
1,4-Dioxane
Concen: 34.93 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.08 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 88 Resp: 281473

Ion	Ratio	Lower	Upper
88	100		
58	86.5	51.2	76.8#
43	38.1	19.5	29.3#





#3
Pyridine
Concen: 34.81 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.07 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 79 Resp: 781990

Ion	Ratio	Lower	Upper
79	100		
52	87.4	49.0	73.4#
51	41.2	25.2	37.8#

Instrument :
BNA_F
ClientSampleId :
PB86817BS

Manual Integrations APPROVED
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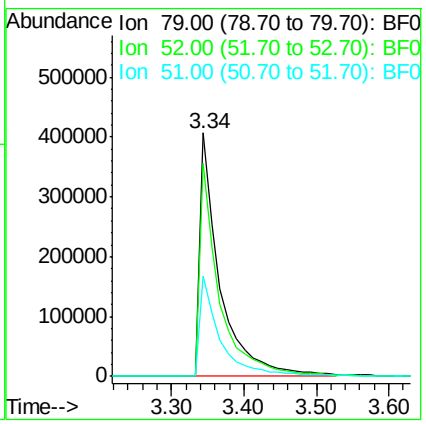
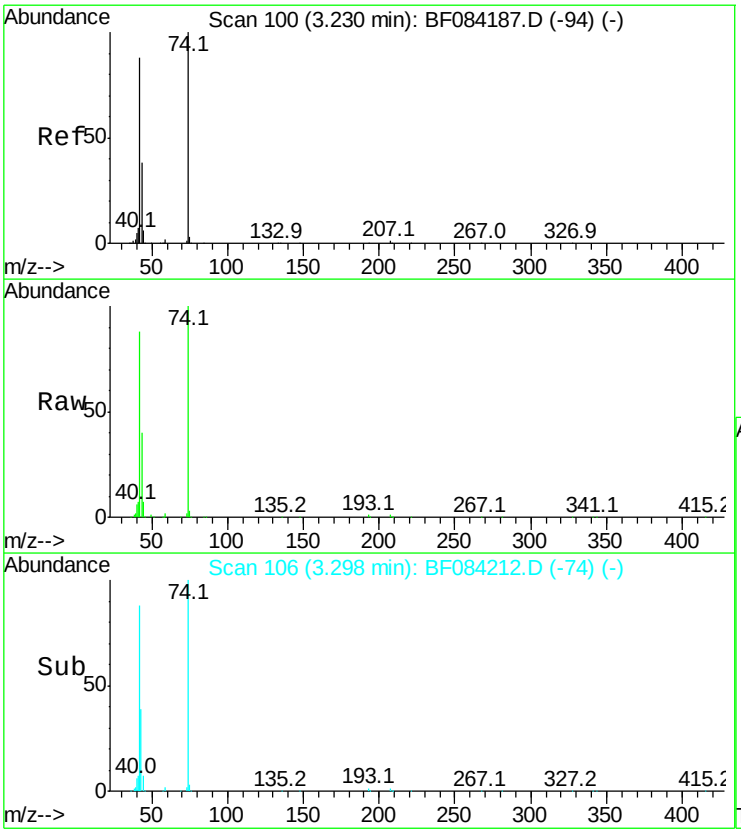
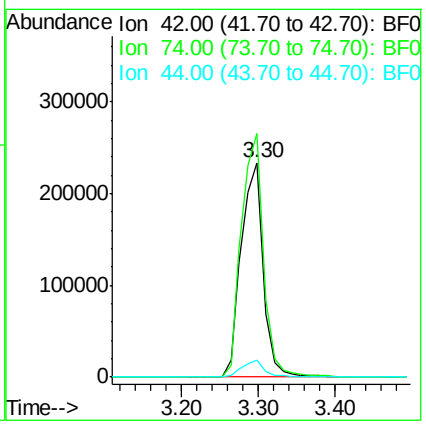


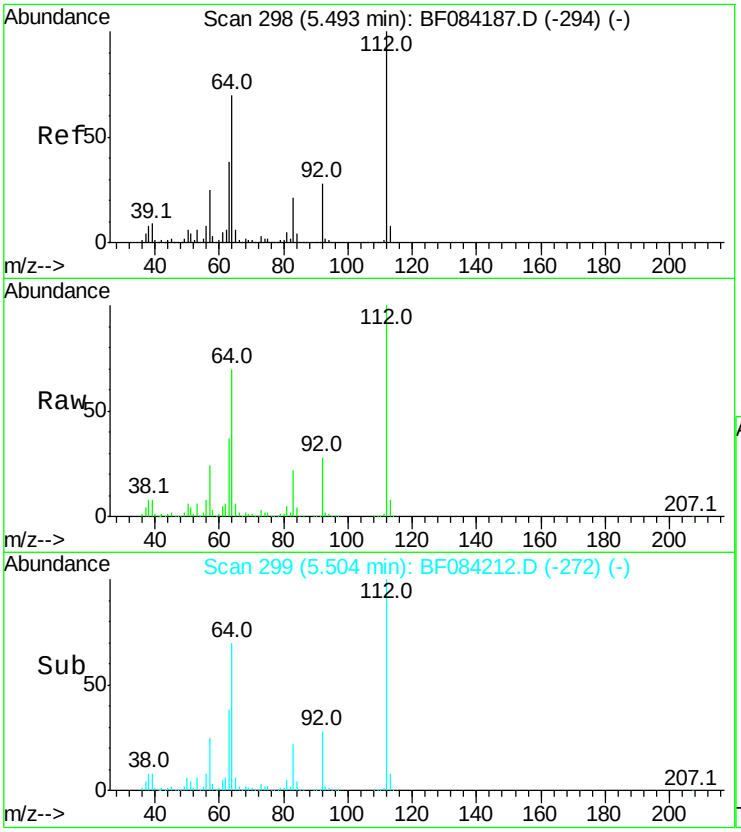


#4
n-Nitrosodimethylamine
Concen: 40.44 ng
RT: 3.30 min Scan# 106
Delta R.T. 0.07 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 42 Resp: 466291

Ion	Ratio	Lower	Upper
42	100		
74	113.4	115.7	173.5#
44	7.8	5.1	7.7#





#5
2-Fluorophenol
Concen: 119.45 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:112 Resp: 2031705

Ion	Ratio	Lower	Upper
112	100		
64	69.7	36.6	55.0#
63	37.5	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
PB86817BS

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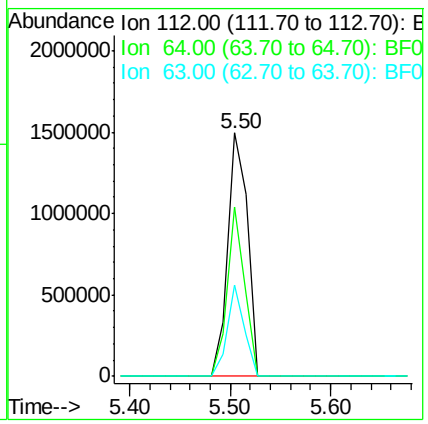
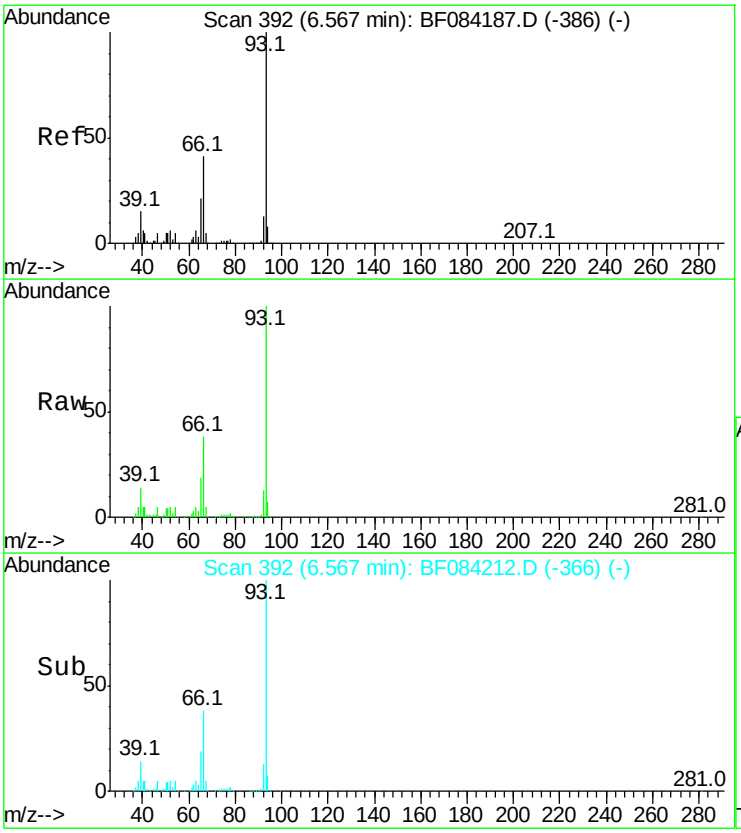
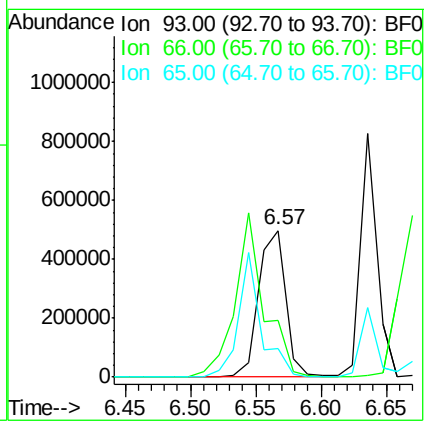


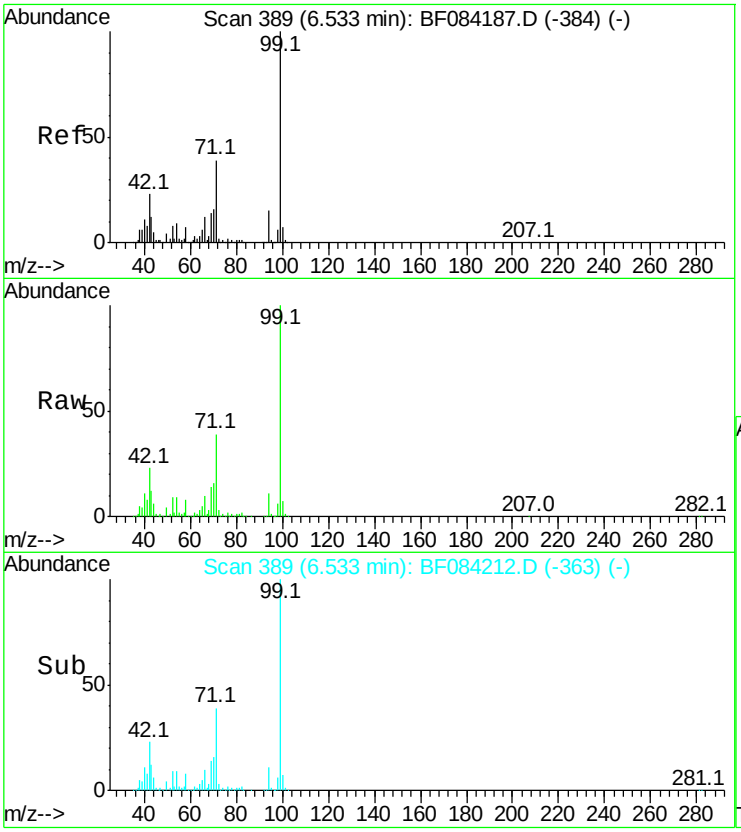


#6
Aniline
Concen: 23.38 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 93 Resp: 730565

Ion	Ratio	Lower	Upper
93	100		
66	38.5	44.9	67.3#
65	19.5	23.7	35.5#

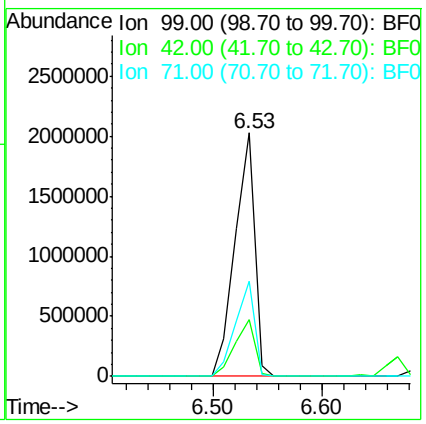




#7
Phenol-d6
Concen: 117.68 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 99 Resp: 2513812

Ion	Ratio	Lower	Upper
99	100		
42	23.3	12.8	19.2#
71	39.0	30.9	46.3



Instrument :
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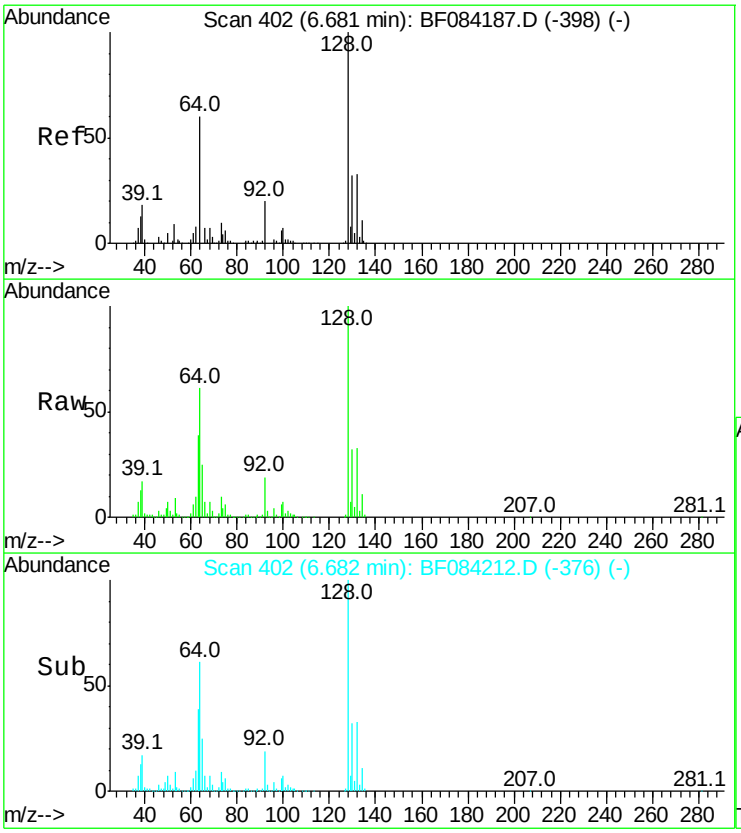
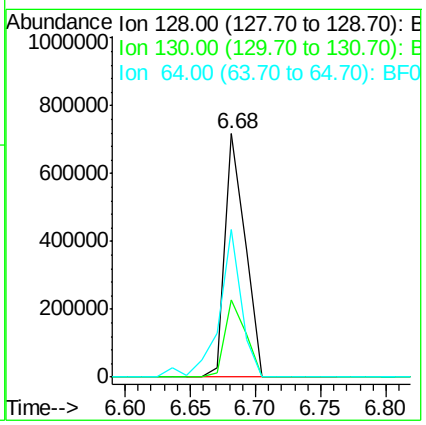
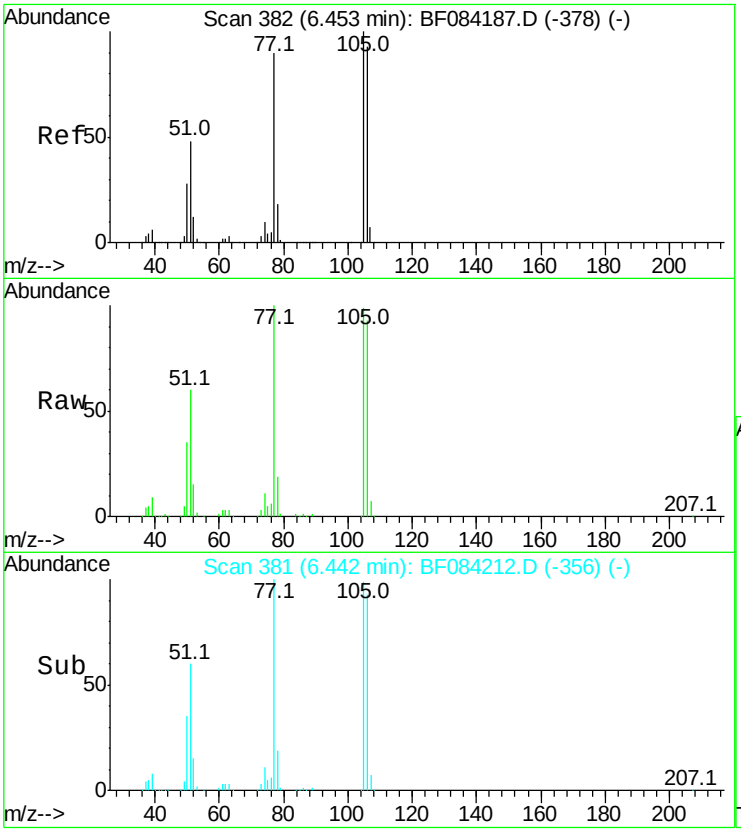


#8
2-Chlorophenol
Concen: 40.04 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:128 Resp: 772686

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.6	51.6
64	60.9	23.8	63.8

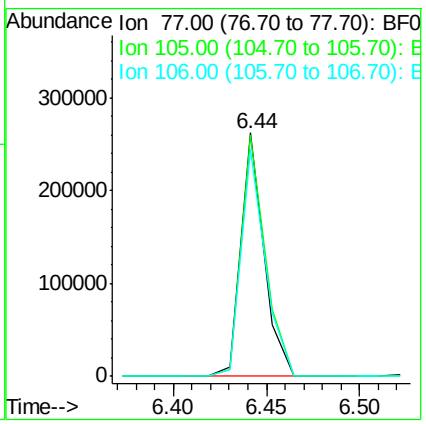




#9
Benzaldehyde
Concen: 16.26 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 77 Resp: 226171

Ion	Ratio	Lower	Upper
77	100		
105	99.0	83.0	123.0
106	93.2	74.6	114.6



Instrument :
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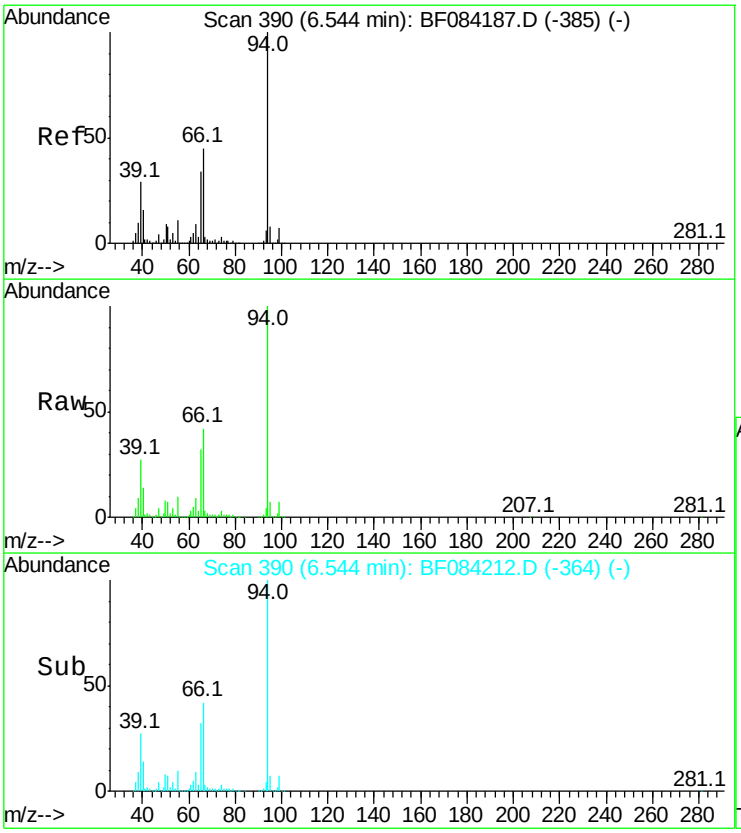
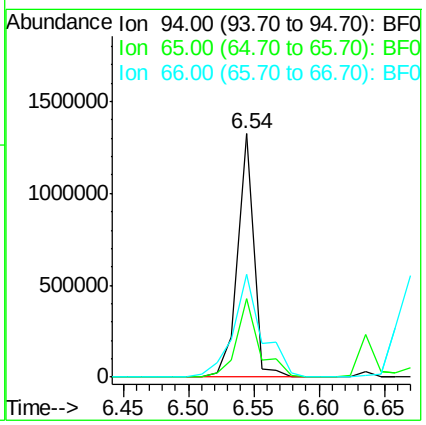
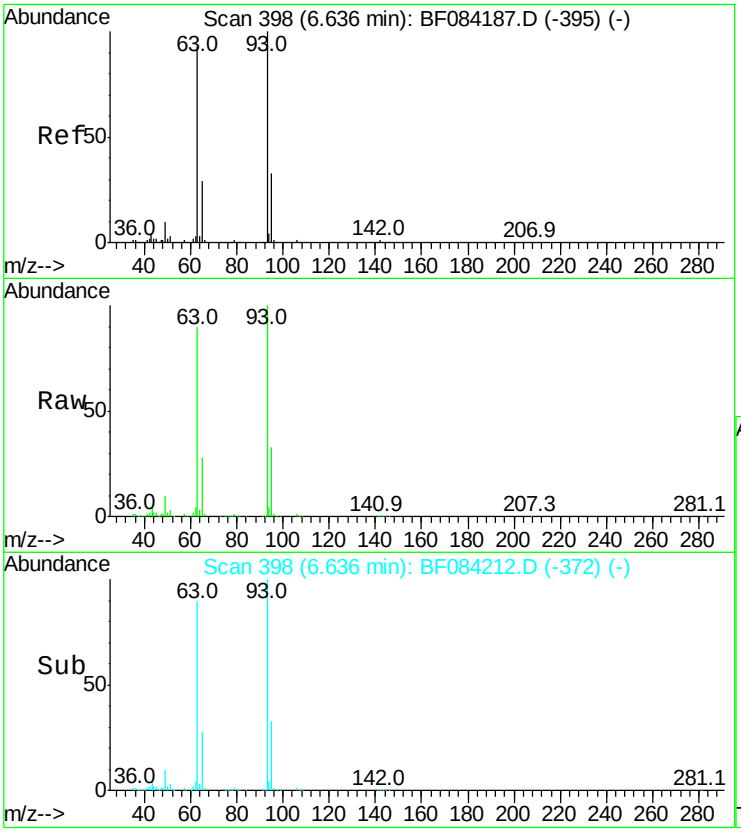


#10
Phenol
Concen: 46.69 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 94 Resp: 1133915

Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.9	52.9
66	42.1	32.7	72.7

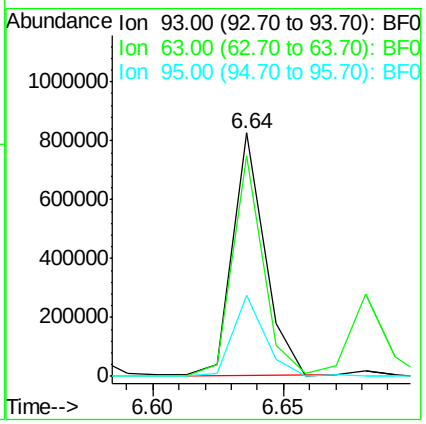




#11
bis(2-Chloroethyl)ether
Concen: 37.72 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 93 Resp: 709686

Ion	Ratio	Lower	Upper
93	100		
63	90.4	45.9	85.9#
95	33.4	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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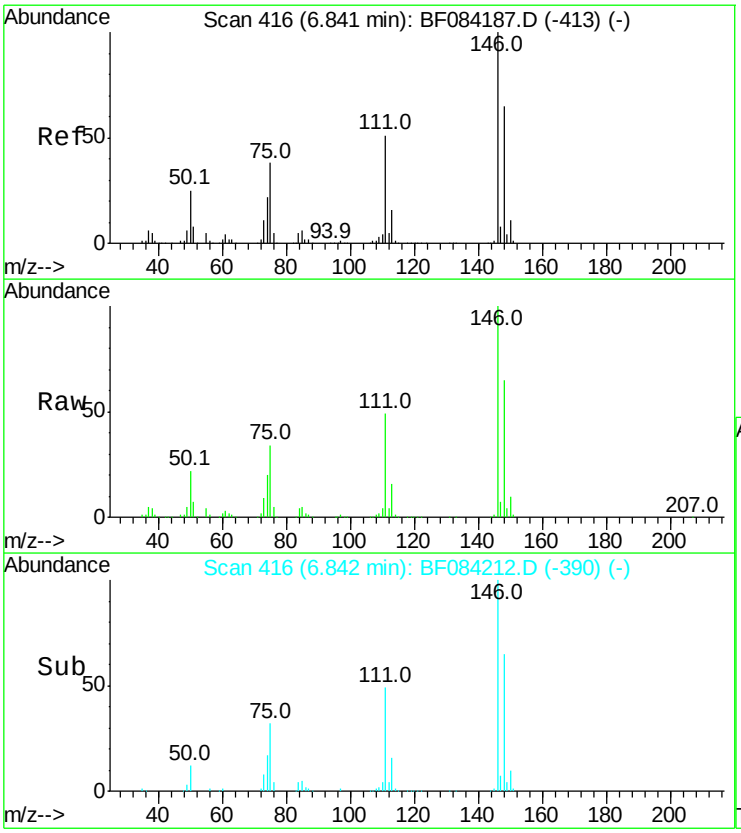
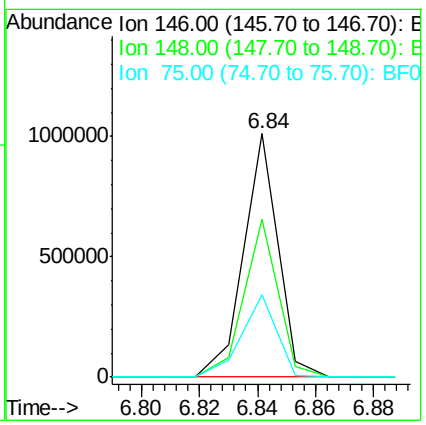
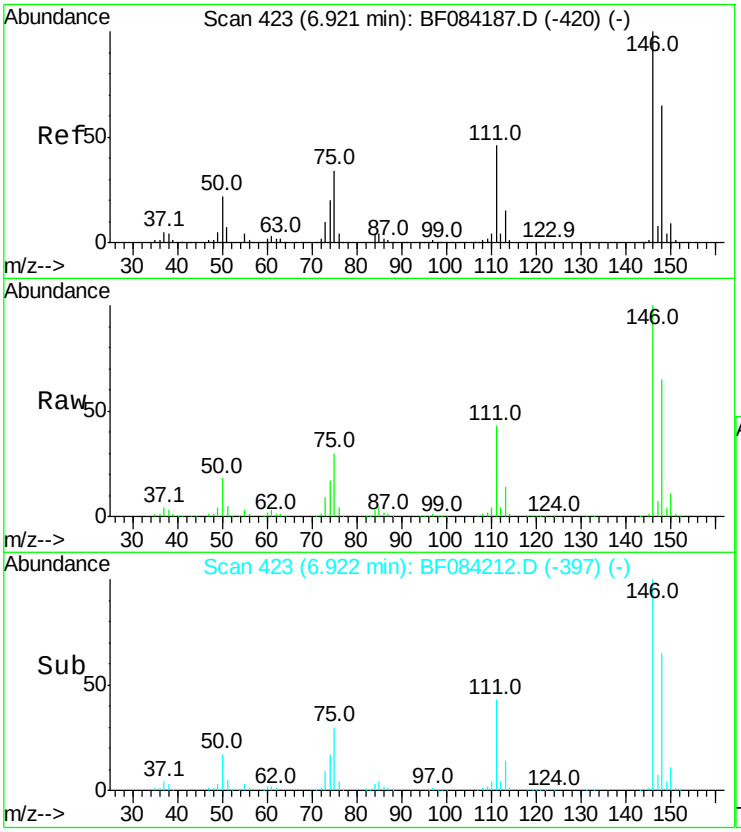


#12
1,3-Dichlorobenzene
Concen: 41.76 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:146 Resp: 831277

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
75	33.9	20.5	30.7#

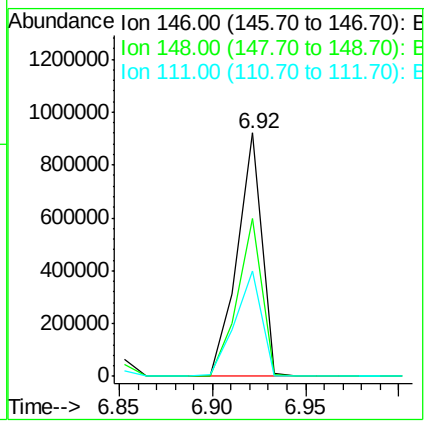




#13
1,4-Dichlorobenzene
Concen: 42.90 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:146 Resp: 856391

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	43.0	41.6	62.4



Instrument :
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ClientSampleId :
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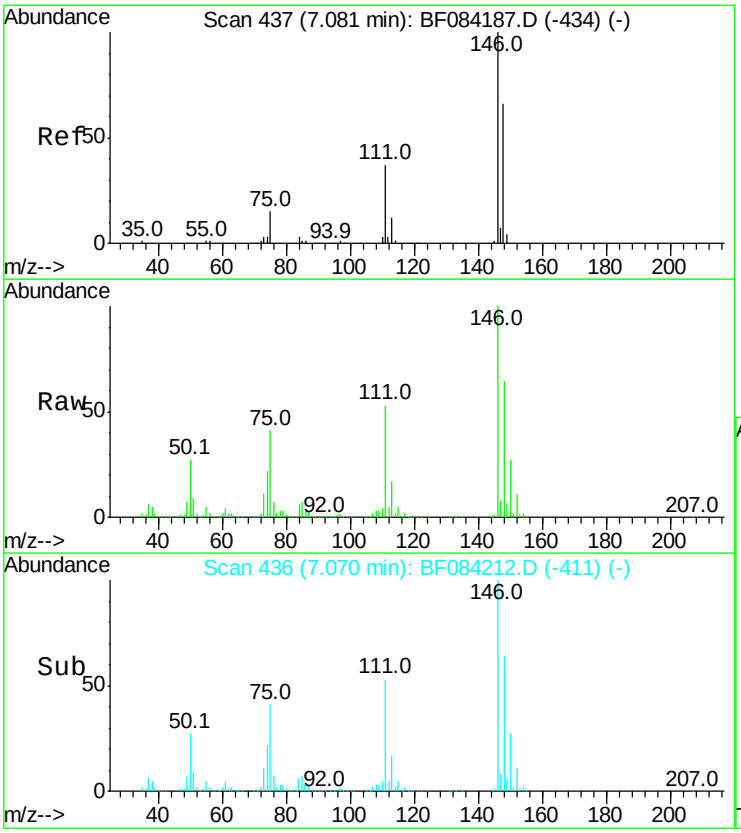
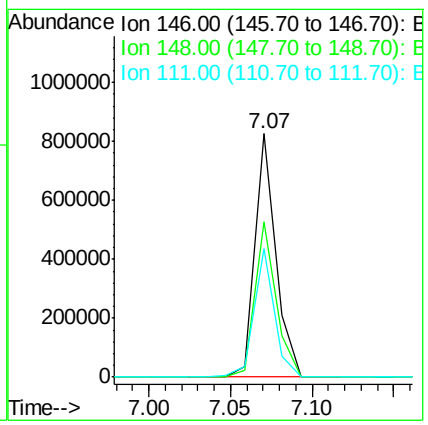
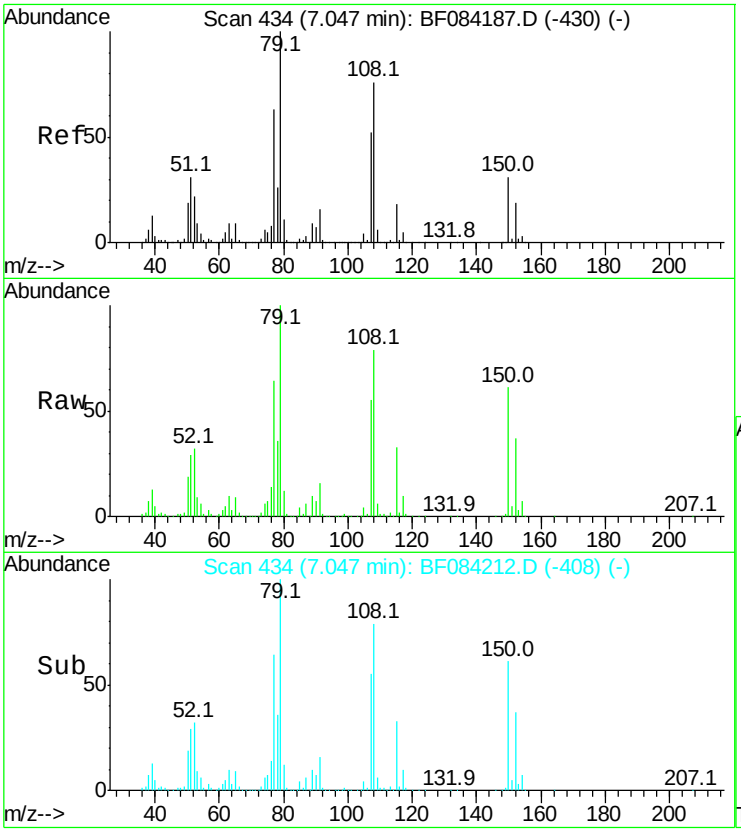


#14
1,2-Dichlorobenzene
Concen: 38.46 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:146 Resp: 735278

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	52.8	38.0	57.0

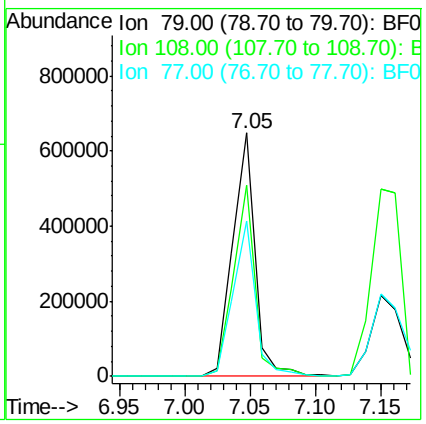




#15
Benzyl Alcohol
Concen: 42.93 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 79 Resp: 771413

Ion	Ratio	Lower	Upper
79	100		
108	78.6	69.0	103.4
77	63.9	50.0	75.0



Instrument :
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ClientSampleId :
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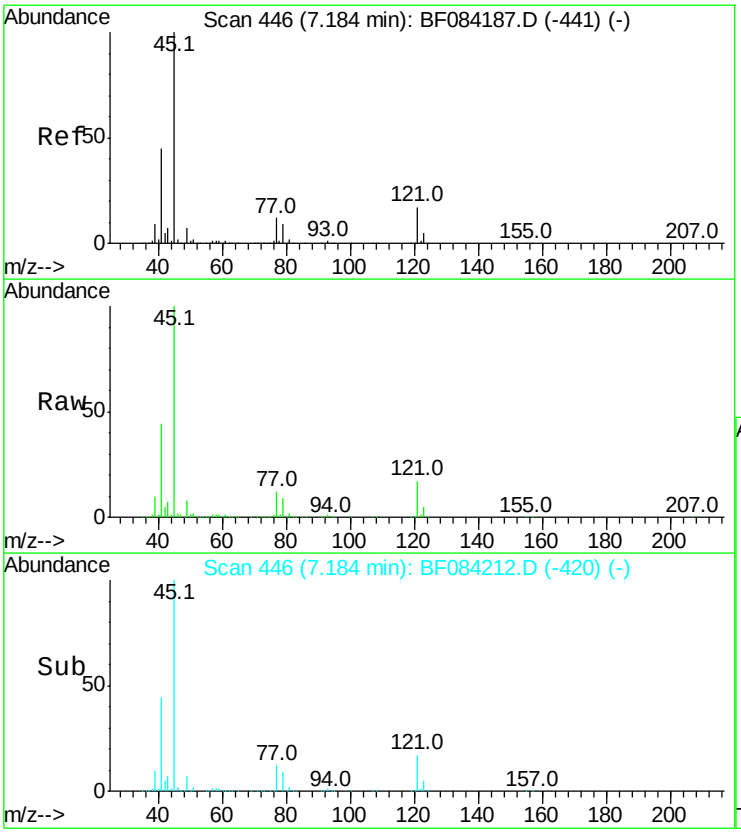
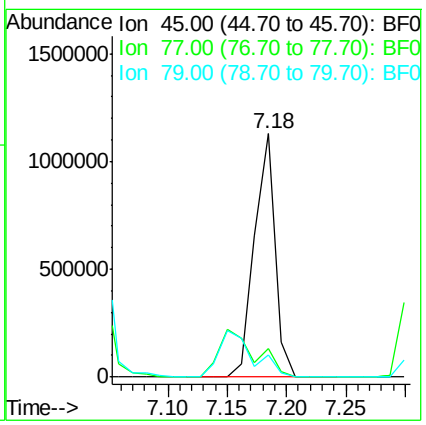
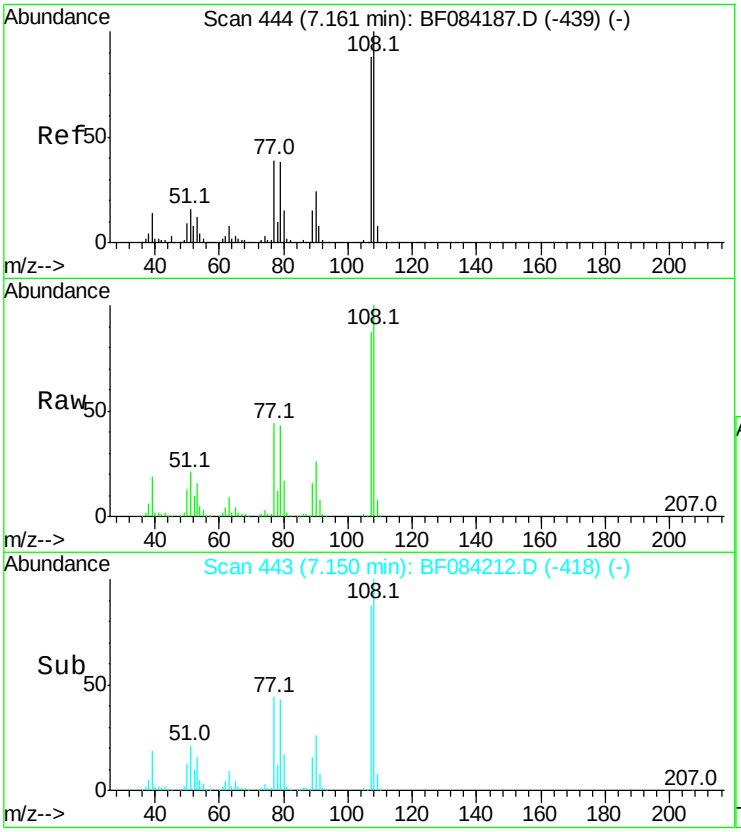


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.26 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 45 Resp: 1379584

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	39.6
79	9.3	0.0	35.0

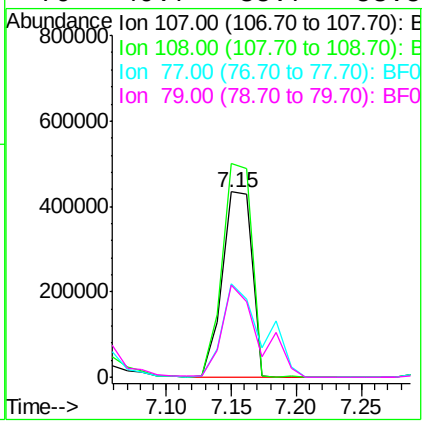




#17
2-Methylphenol
Concen: 42.45 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:107 Resp: 686569

Ion	Ratio	Lower	Upper
107	100		
108	115.4	89.8	134.6
77	50.6	35.7	53.5
79	49.7	35.7	53.5



Instrument :
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ClientSampleId :
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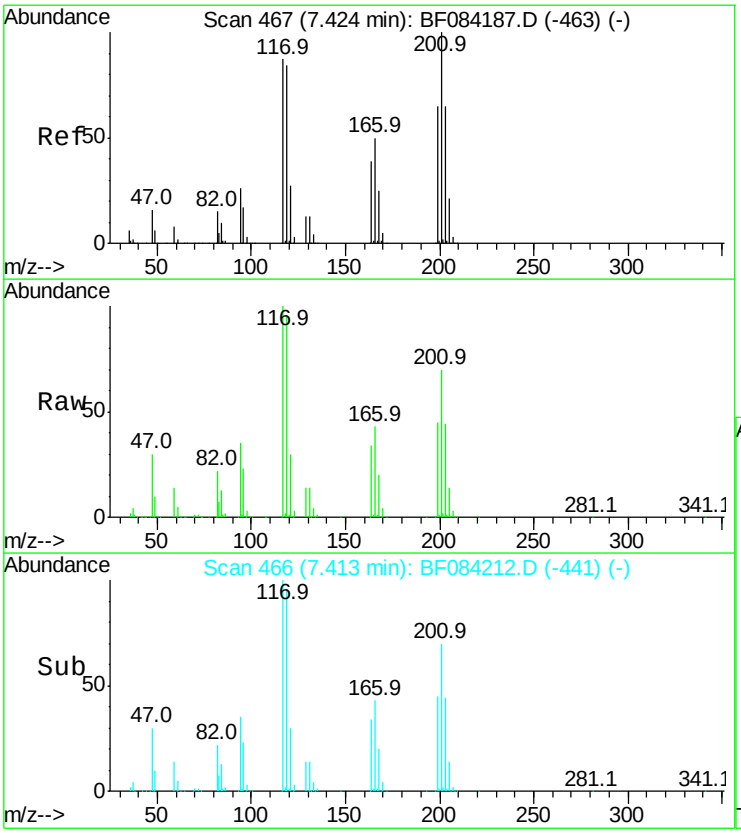
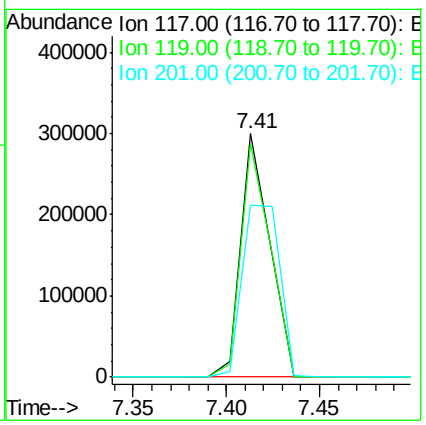
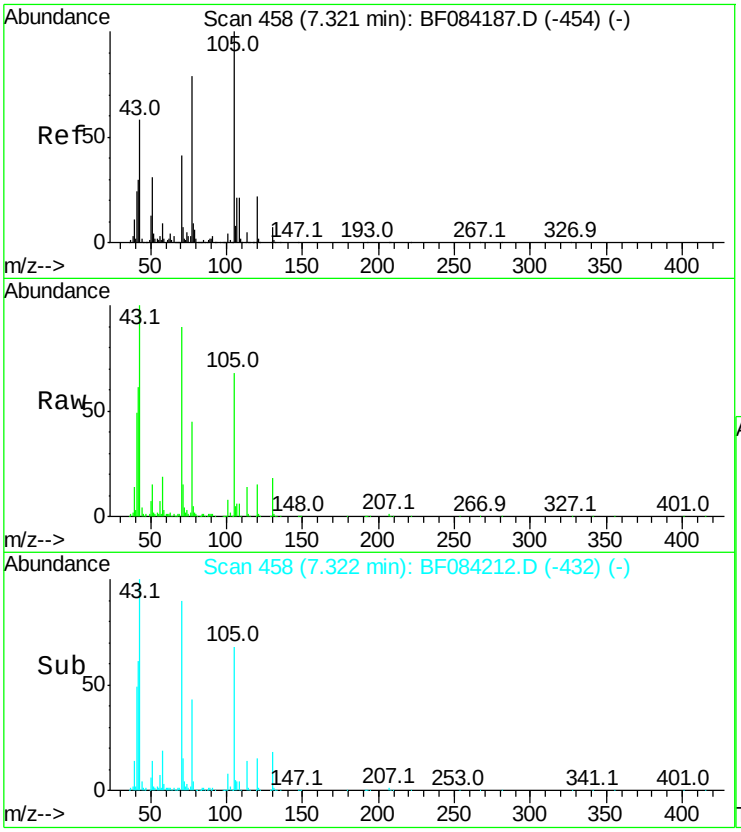


#18
Hexachloroethane
Concen: 40.38 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:117 Resp: 322341

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
201	70.4	68.6	103.0

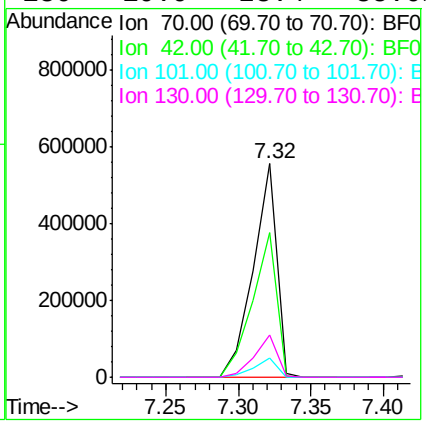




#19
n-Nitroso-di-n-propylamine
Concen: 43.25 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 70 Resp: 625370

Ion	Ratio	Lower	Upper
70	100		
42	67.5	33.3	49.9#
101	9.2	9.3	13.9#
130	19.9	23.4	35.0#



Instrument :
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ClientSampleId :
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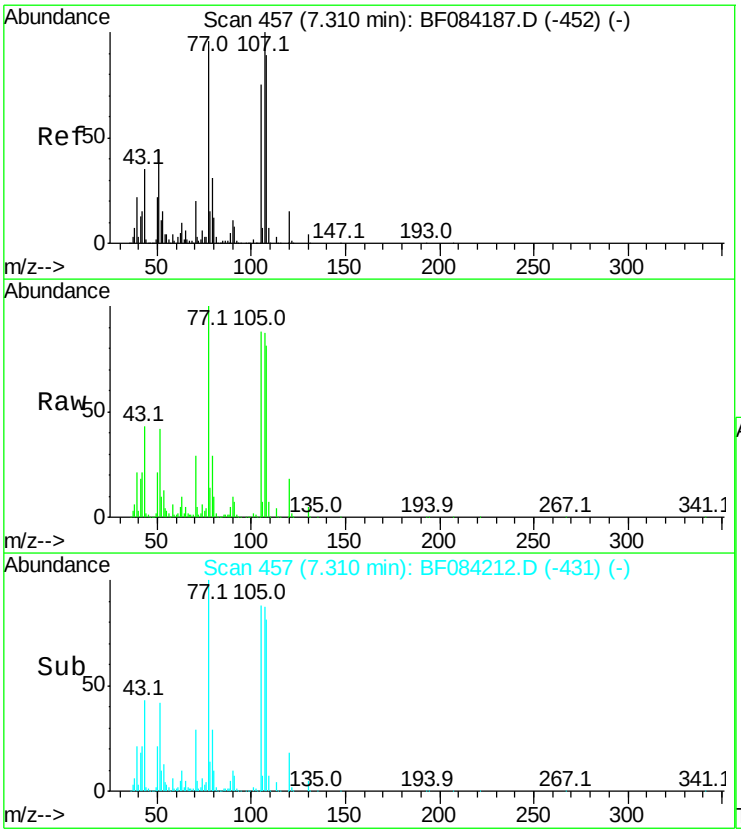
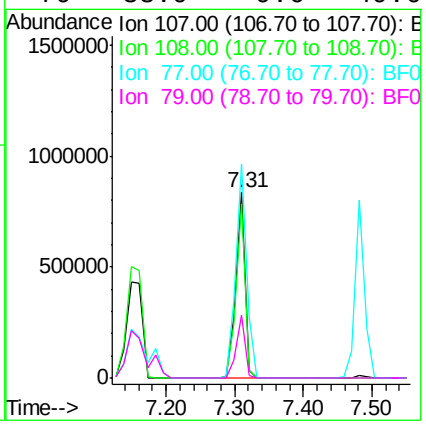
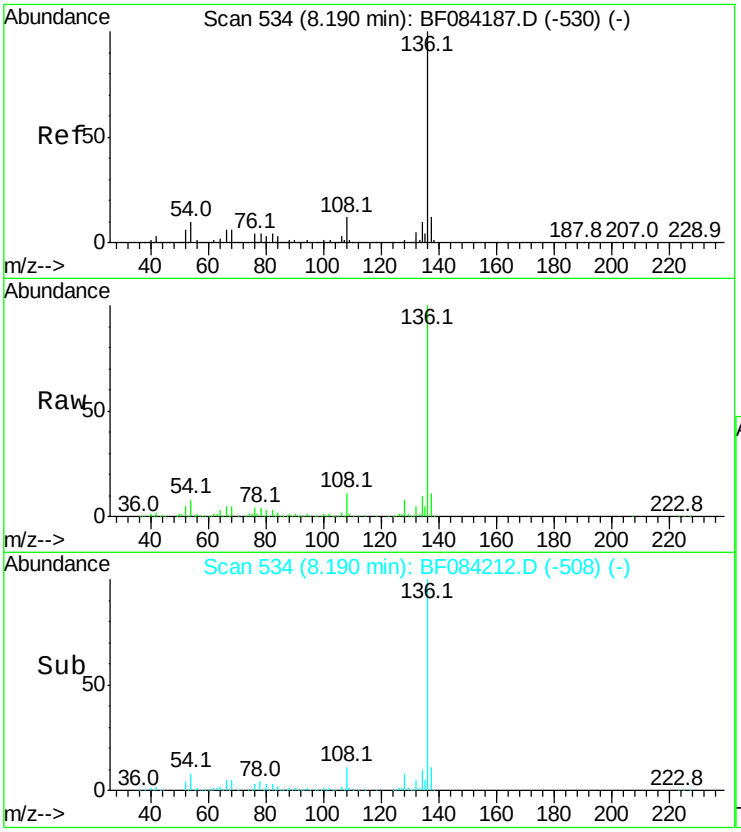


#20
3+4-Methylphenols
Concen: 41.91 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:107 Resp: 796707

Ion	Ratio	Lower	Upper
107	100		
108	93.6	64.1	104.1
77	115.1	128.9	168.9#
79	33.9	9.6	49.6

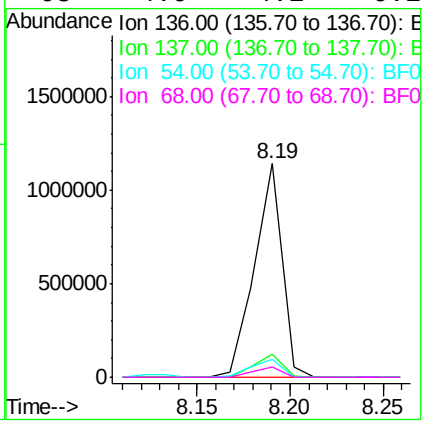




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:136 Resp: 1165029

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	5.8	8.8
68	4.9	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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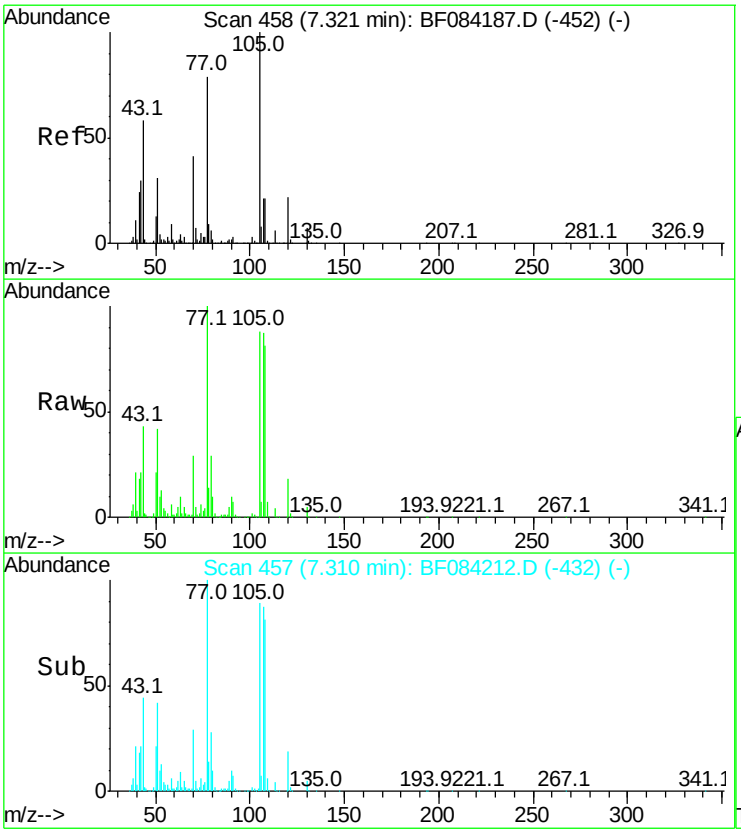
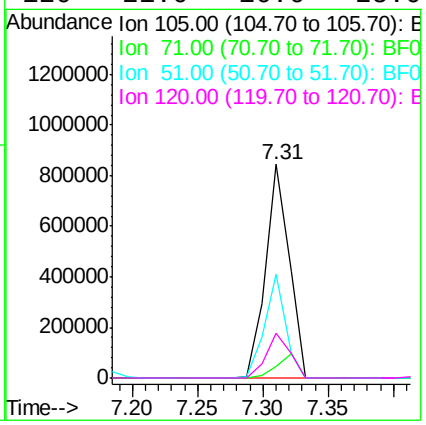
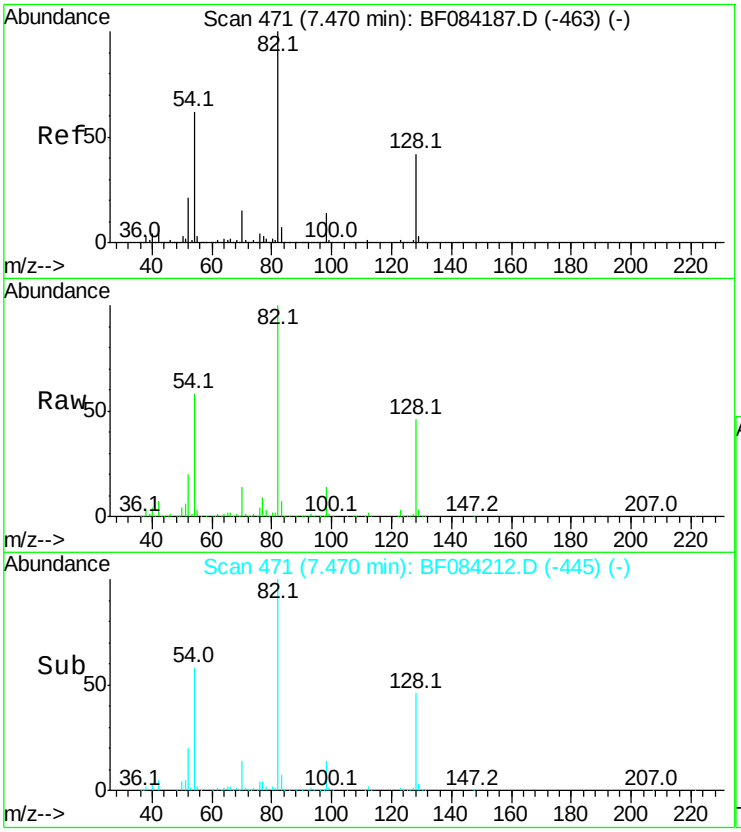


#22
Acetophenone
Concen: 38.35 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:105 Resp: 1074342

Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.7	5.5#
51	48.3	25.1	37.7#
120	21.0	16.6	25.0

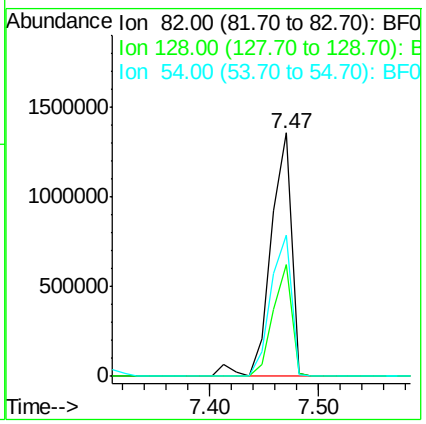




#23
Nitrobenzene-d5
Concen: 85.29 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 82 Resp: 1785465

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	58.0	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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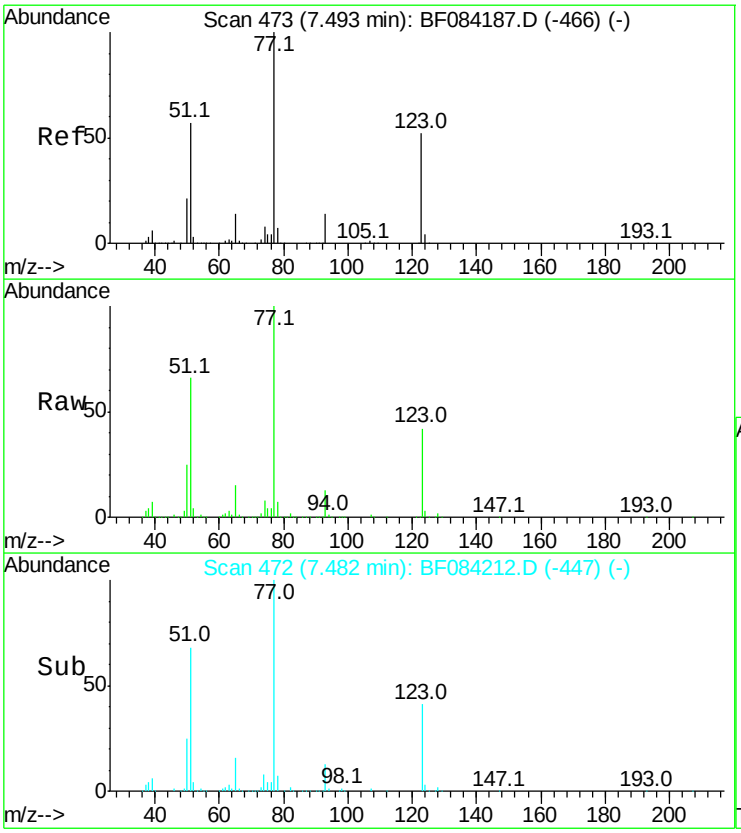
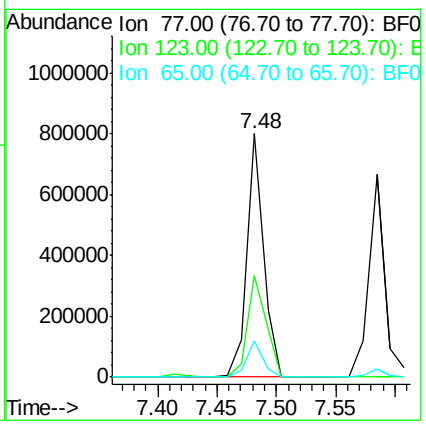
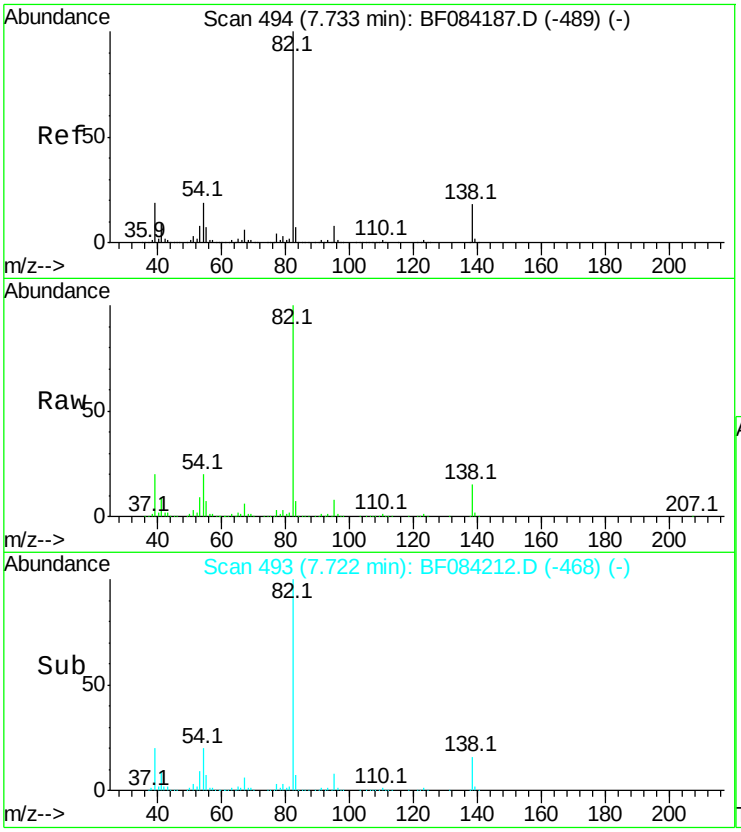


#24
Nitrobenzene
Concen: 37.28 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 77 Resp: 791450

Ion	Ratio	Lower	Upper
77	100		
123	41.7	37.4	56.2
65	15.1	10.9	16.3

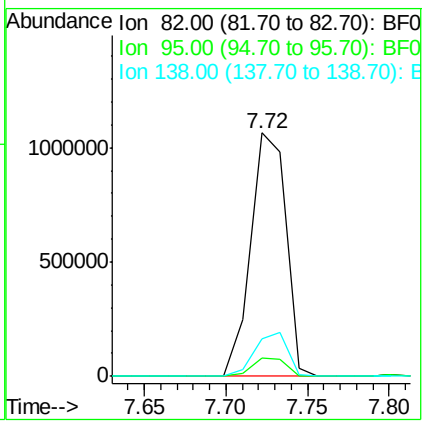




#25
Isophorone
Concen: 39.94 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 82 Resp: 1598974

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.6	10.0
138	15.5	13.6	20.4



Instrument :
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ClientSampleId :
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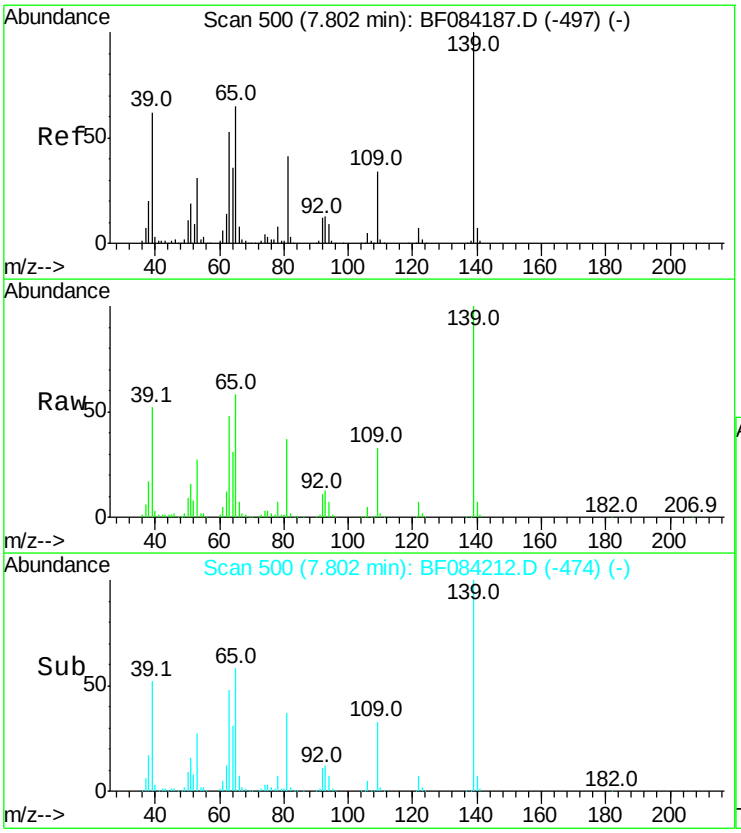
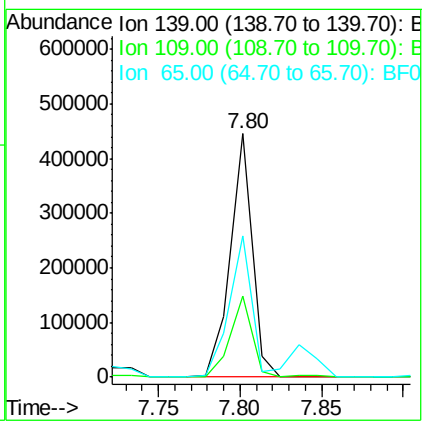
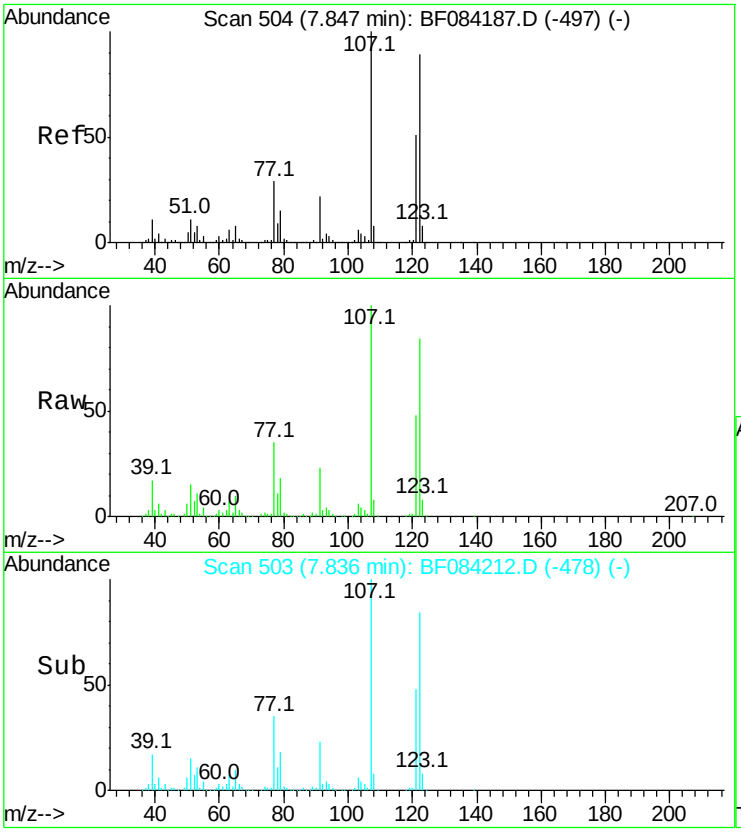


#26
2-Nitrophenol
Concen: 42.55 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:139 Resp: 411125

Ion	Ratio	Lower	Upper
139	100		
109	33.3	25.4	38.2
65	58.0	32.3	48.5#

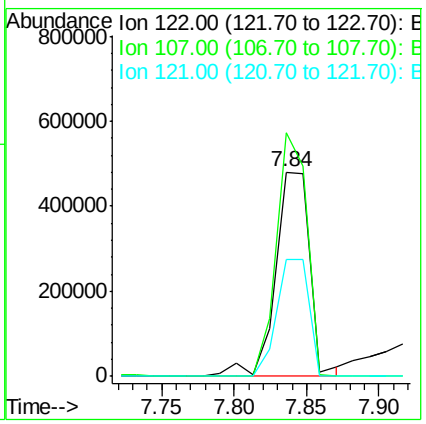




#27
2,4-Dimethylphenol
Concen: 40.04 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:122 Resp: 783097

Ion	Ratio	Lower	Upper
122	100		
107	119.3	99.1	148.7
121	57.4	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
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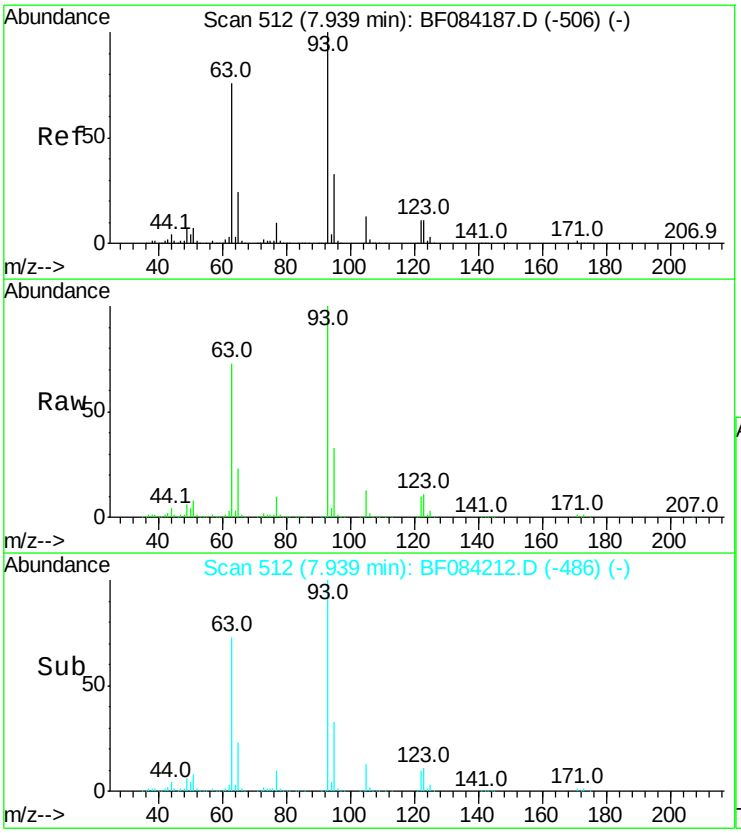
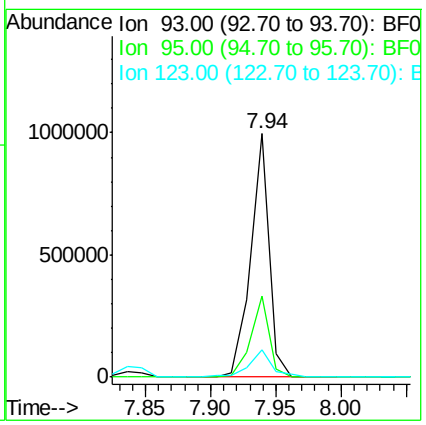
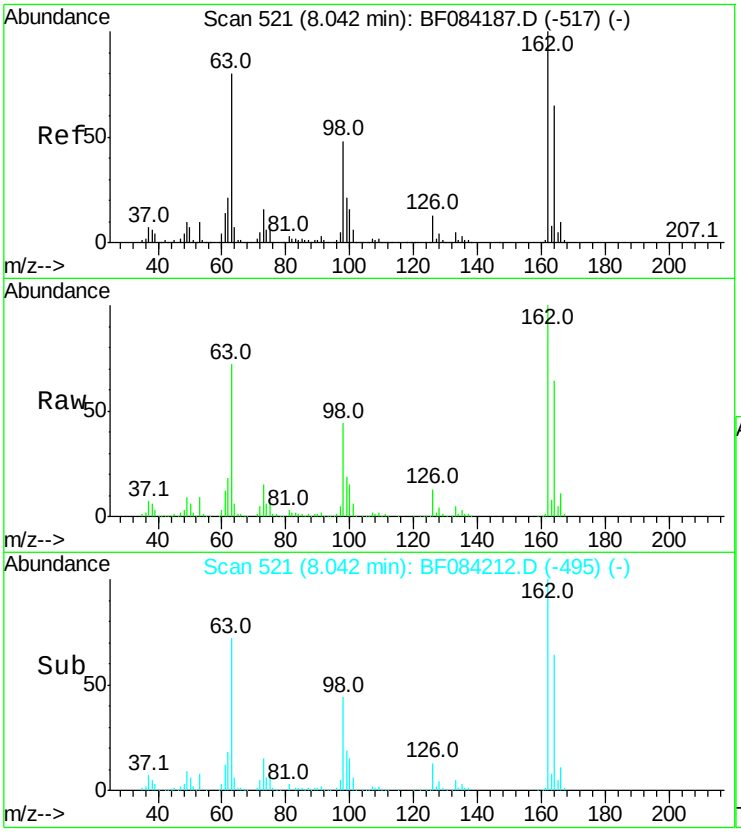


#28
bis(2-Chloroethoxy)methane
Concen: 40.03 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 93 Resp: 978940

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.8	38.6
123	11.0	8.6	12.8

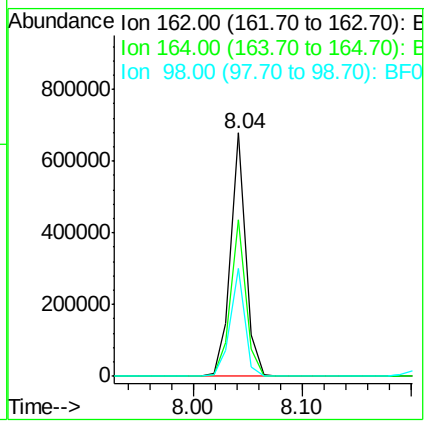




#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:162 Resp: 654825

Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	44.4	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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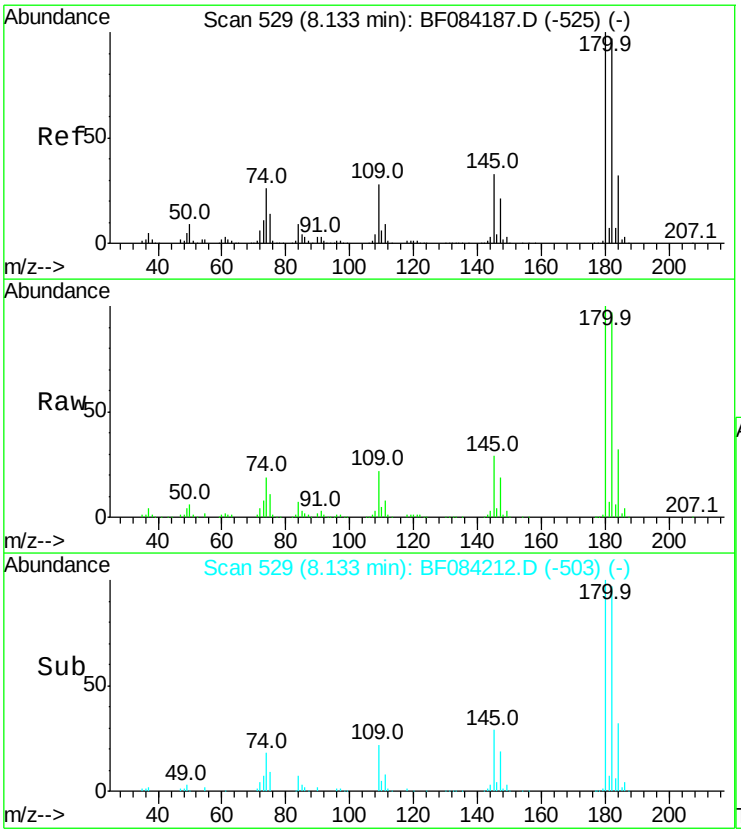
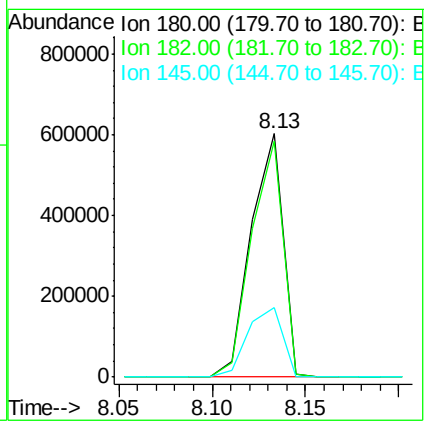
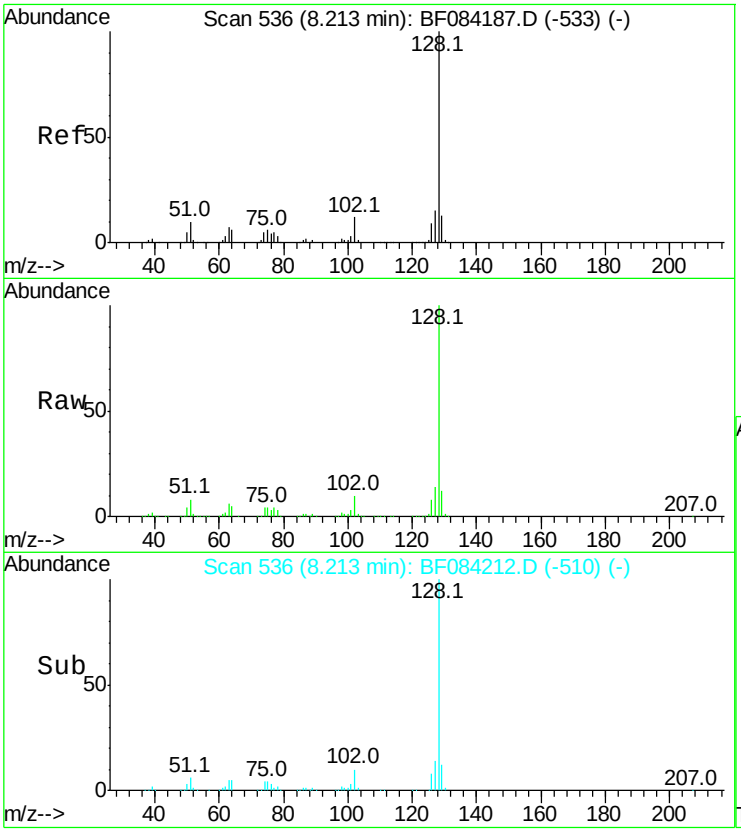


#30
1,2,4-Trichlorobenzene
Concen: 42.46 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:180 Resp: 714193

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	28.8	31.6	47.4#

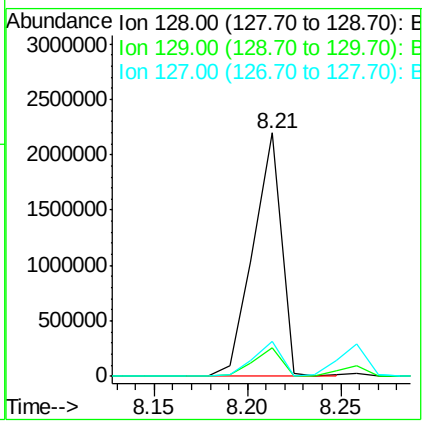




#31
Naphthalene
Concen: 43.73 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:128 Resp: 2311623

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.5	11.1	16.7



Instrument :
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ClientSampleId :
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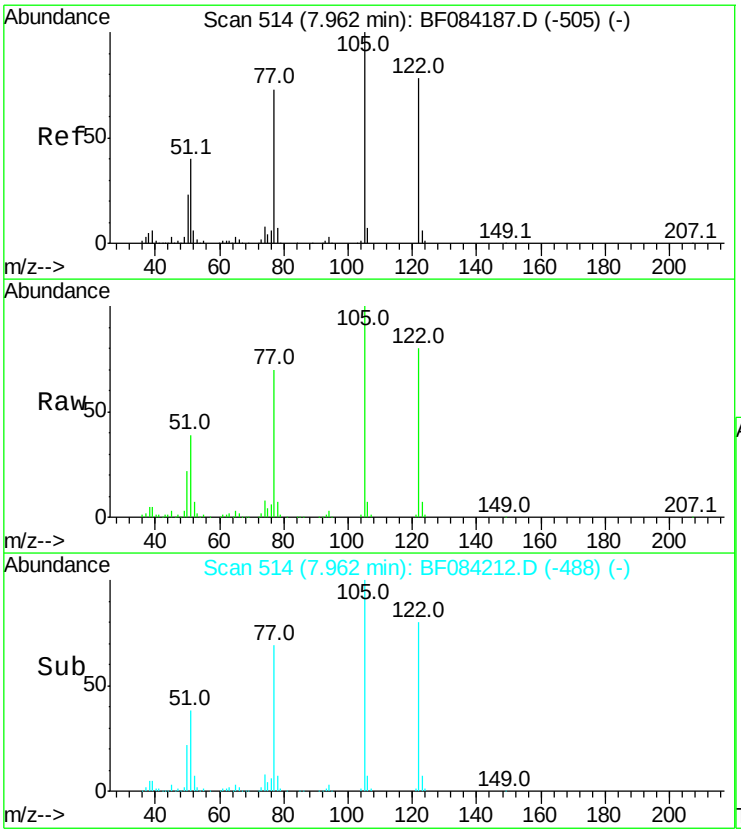
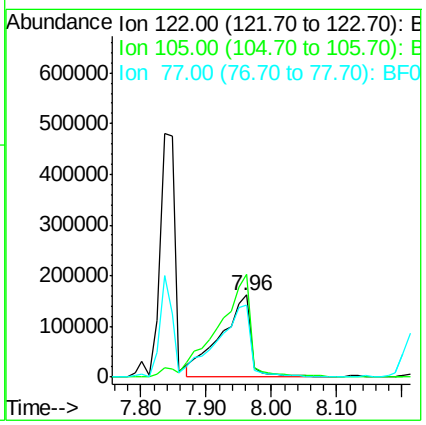
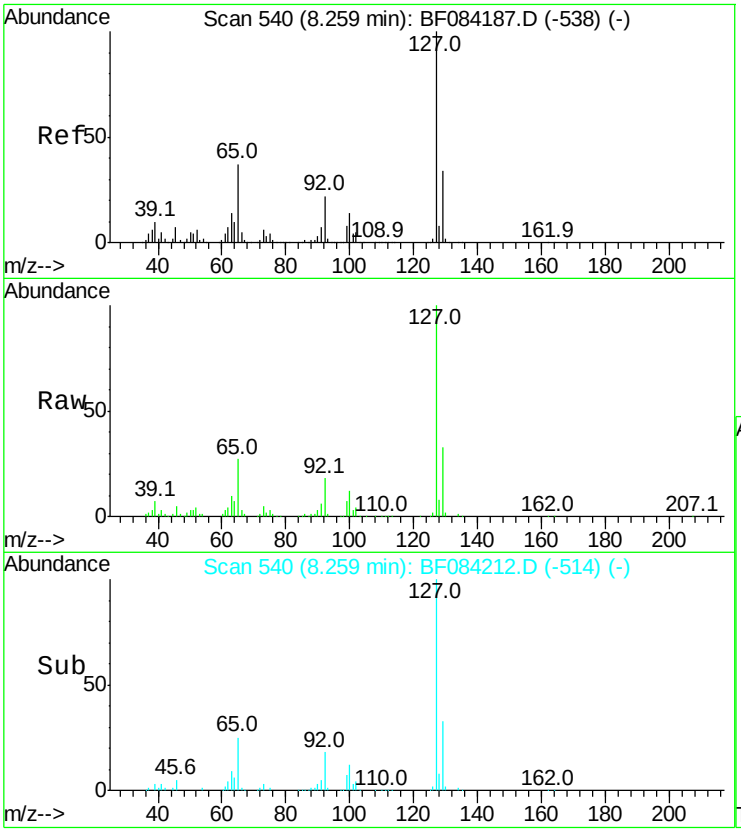


#32
Benzoic acid
Concen: 41.97 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:122 Resp: 516699

Ion	Ratio	Lower	Upper
122	100		
105	125.0	100.3	140.3
77	87.3	63.5	103.5

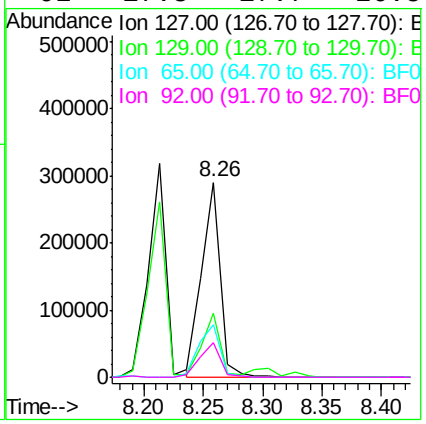




#33
4-Chloroaniline
Concen: 13.24 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:127 Resp: 320733

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	26.7	27.2	40.8#
92	17.8	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
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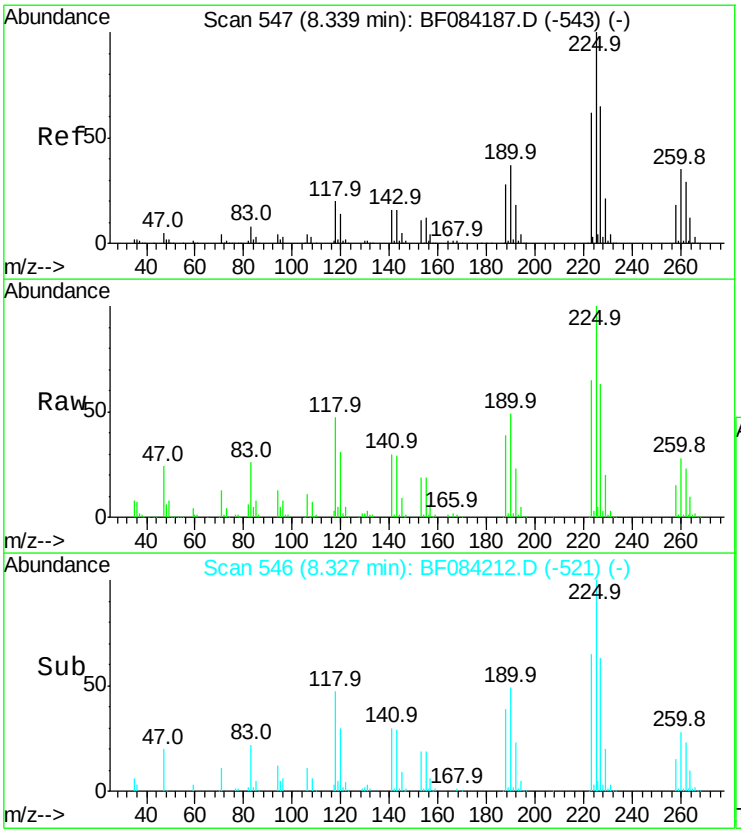
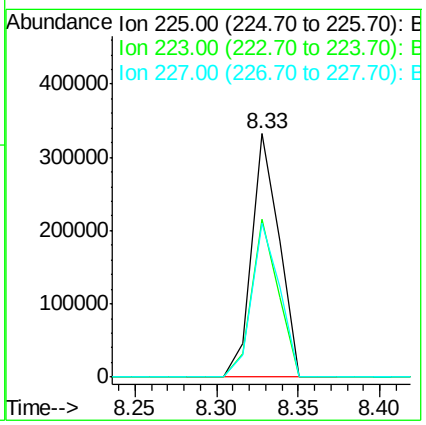
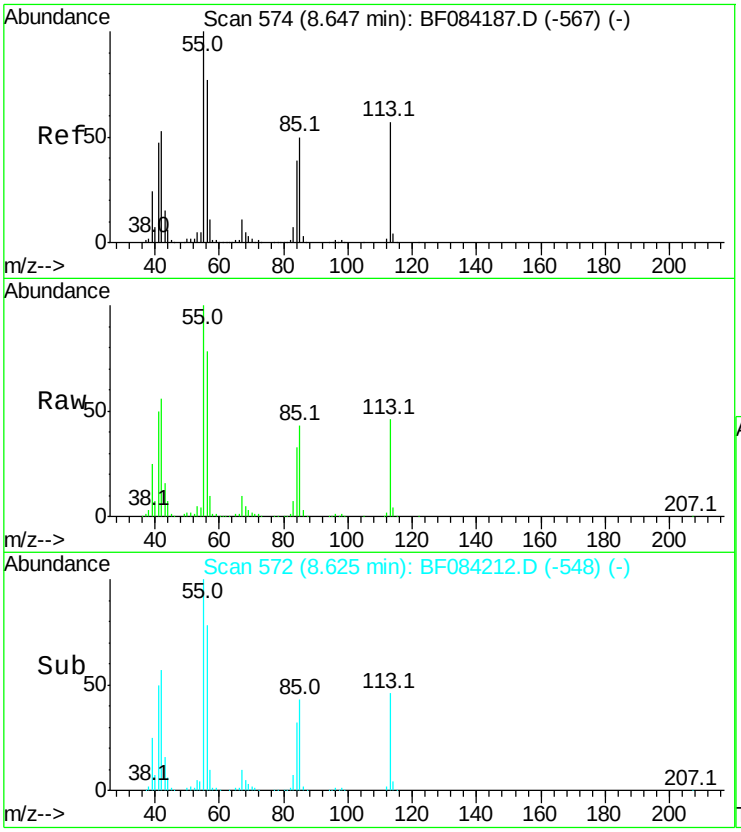


#34
Hexachlorobutadiene
Concen: 40.10 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:225 Resp: 387707

Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.4	74.0
227	63.4	50.8	76.2

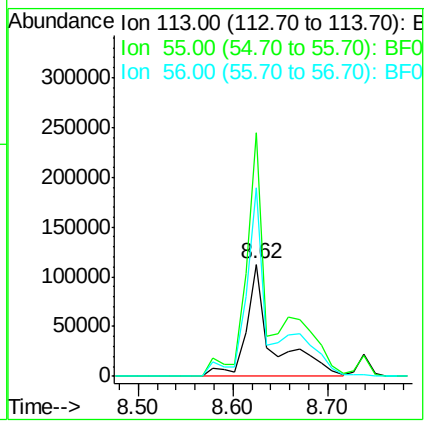




#35
Caprolactam
Concen: 39.90 ng m
RT: 8.62 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:113 Resp: 219131

Ion	Ratio	Lower	Upper
113	100		
55	216.7	116.9	156.9#
56	168.2	93.8	133.8#



Instrument :
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ClientSampleId :
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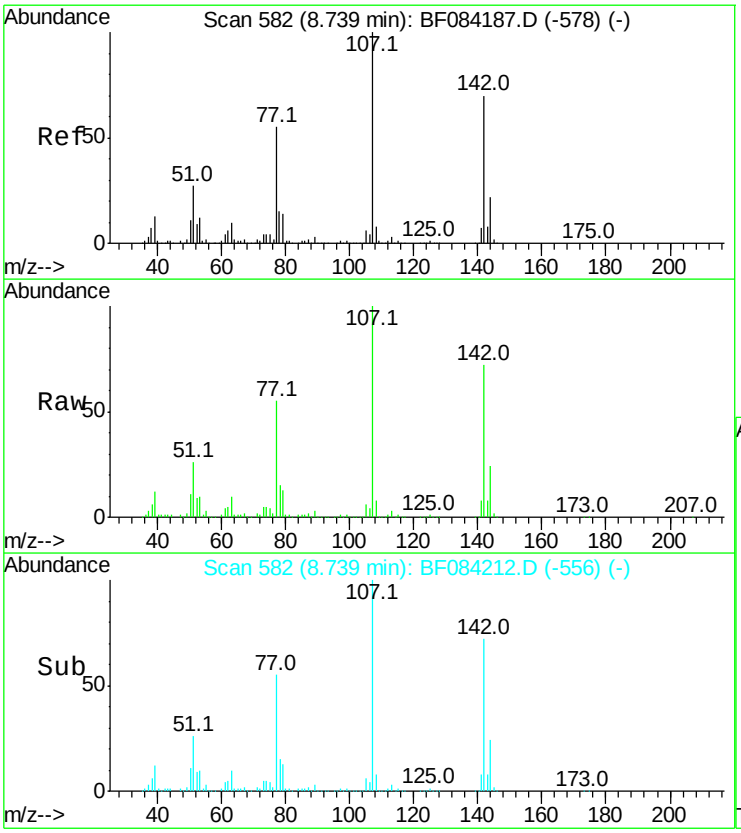
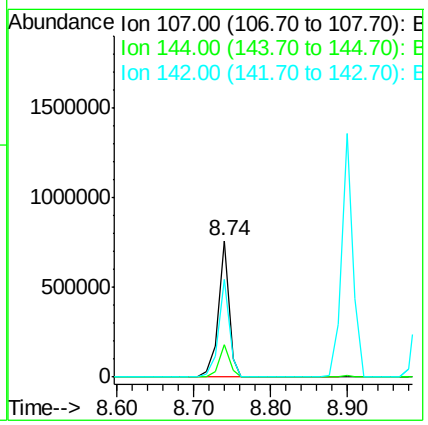
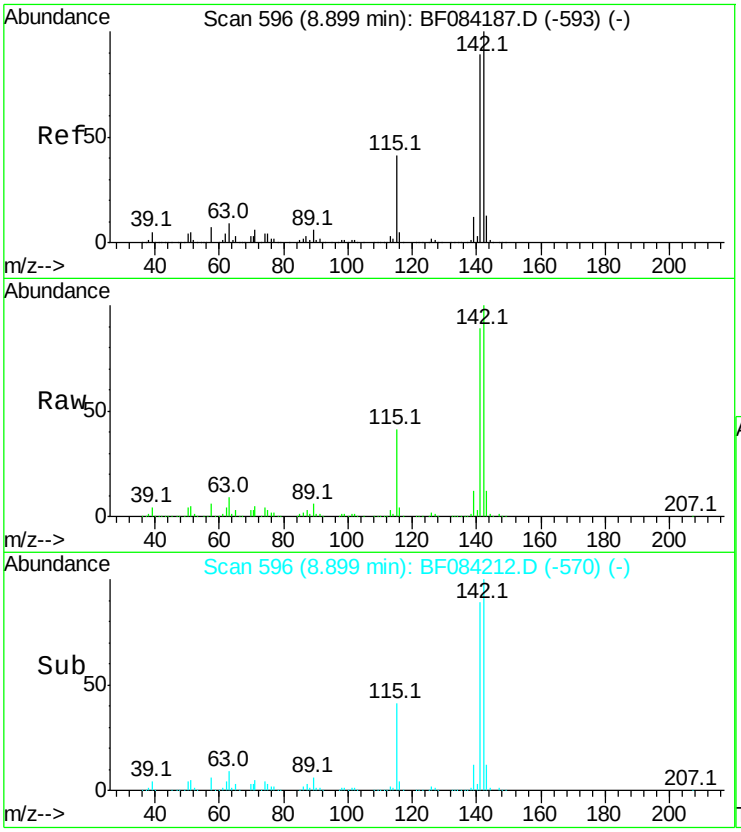


#36
4-Chloro-3-methylphenol
Concen: 40.76 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:107 Resp: 743844

Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.7	29.5
142	71.8	61.8	92.6

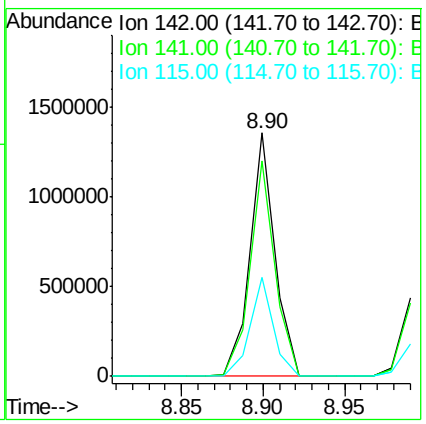




#37
2-Methylnaphthalene
Concen: 38.06 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:142 Resp: 1444090

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	40.8	27.9	41.9



Instrument :
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ClientSampleId :
PB86817BS

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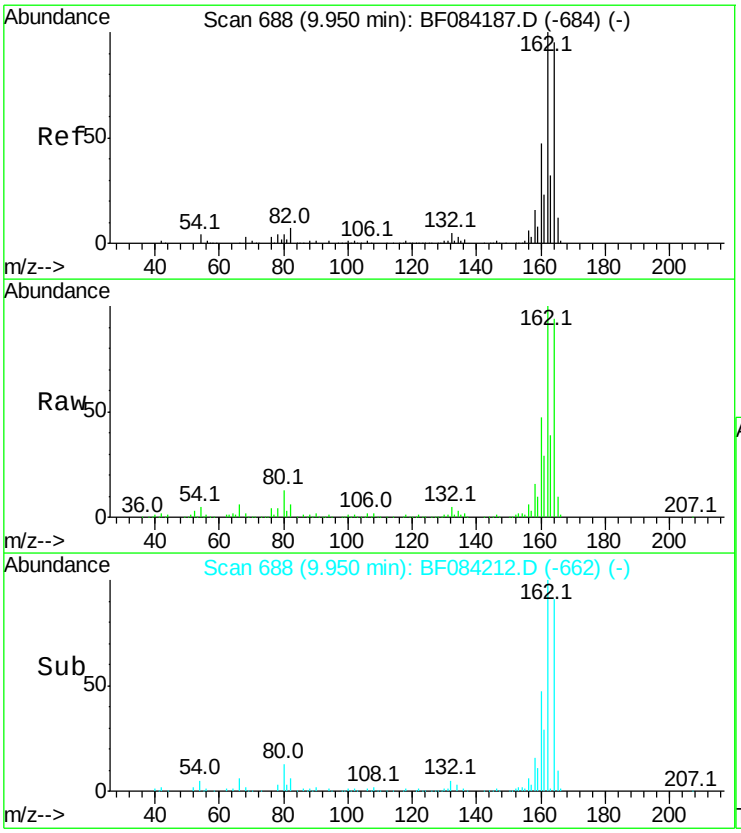
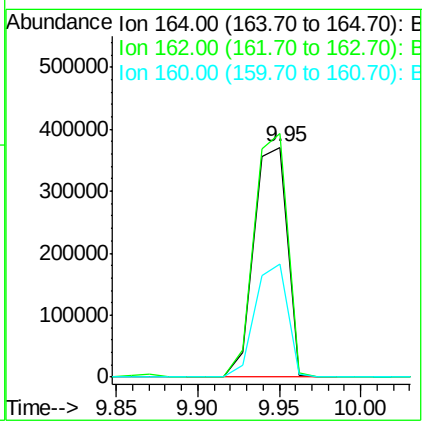
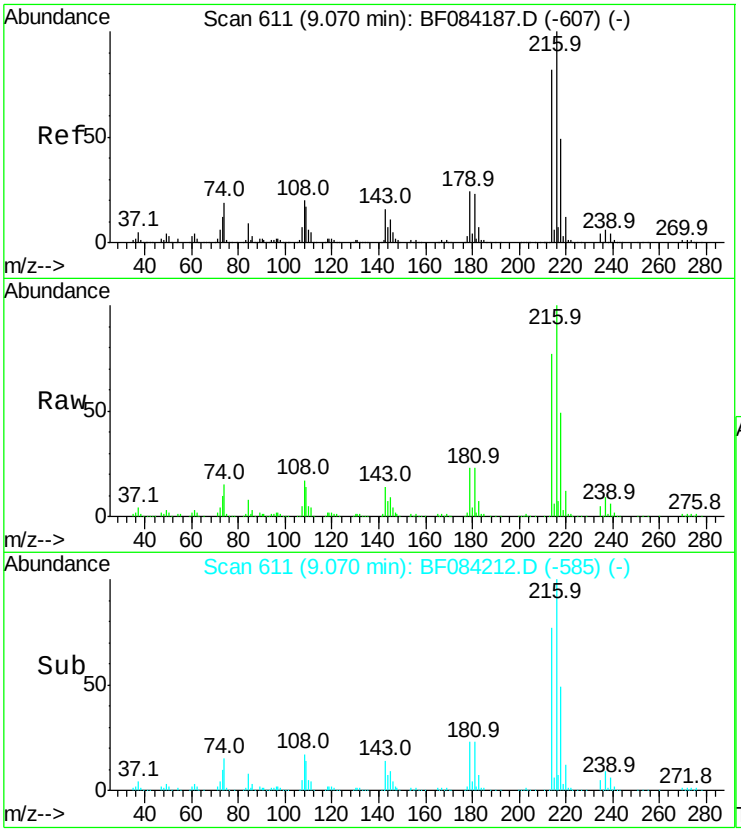


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:164 Resp: 529147

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	49.4	37.5	56.3

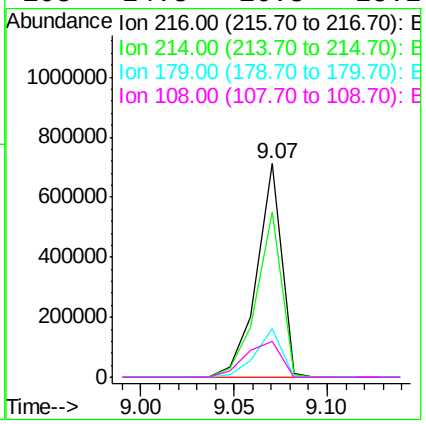




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.29 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:216 Resp: 658552

Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.2	96.2
179	23.6	18.7	28.1
108	24.3	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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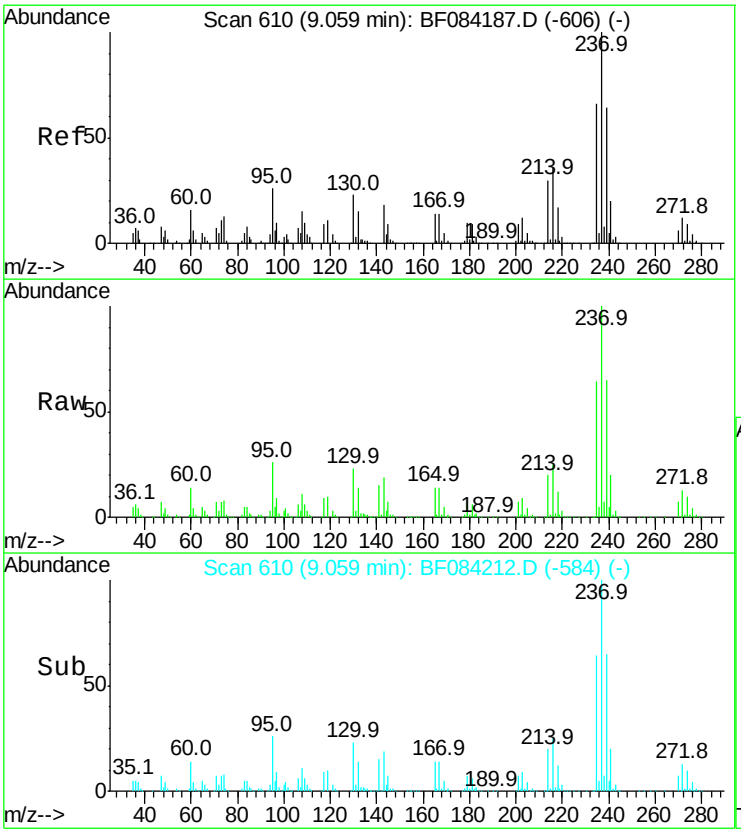
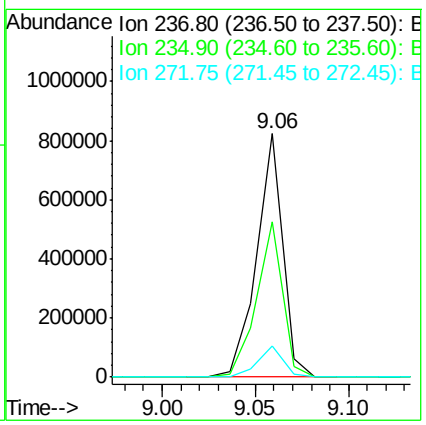
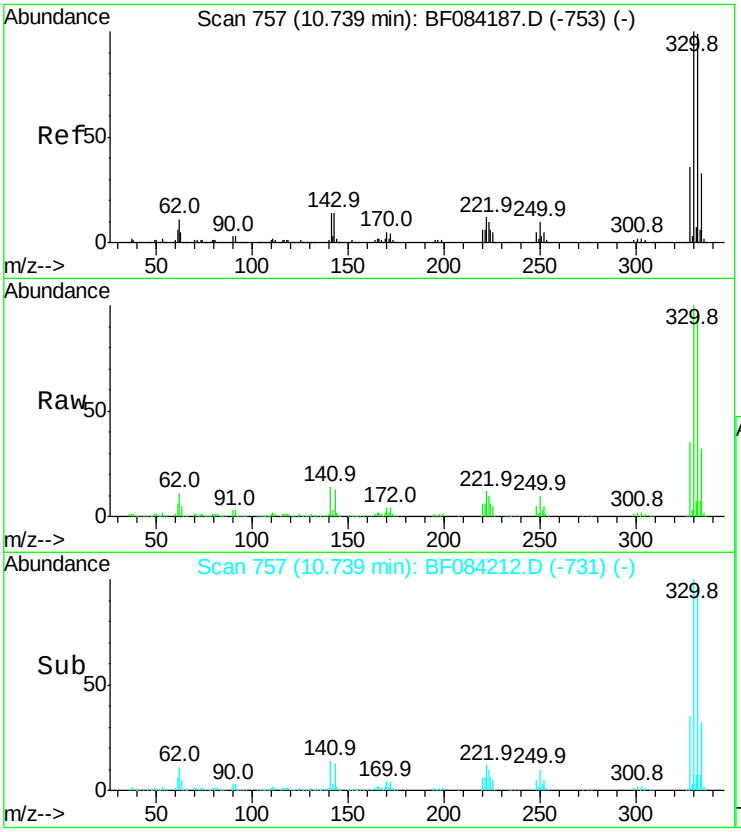


#40
Hexachlorocyclopentadiene
Concen: 86.13 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:237 Resp: 790898

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.1	83.1
272	12.6	0.0	35.1

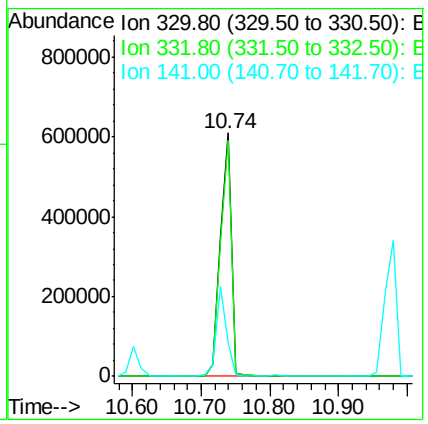




#41
2,4,6-Tribromophenol
Concen: 130.60 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:330 Resp: 697693

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	34.1	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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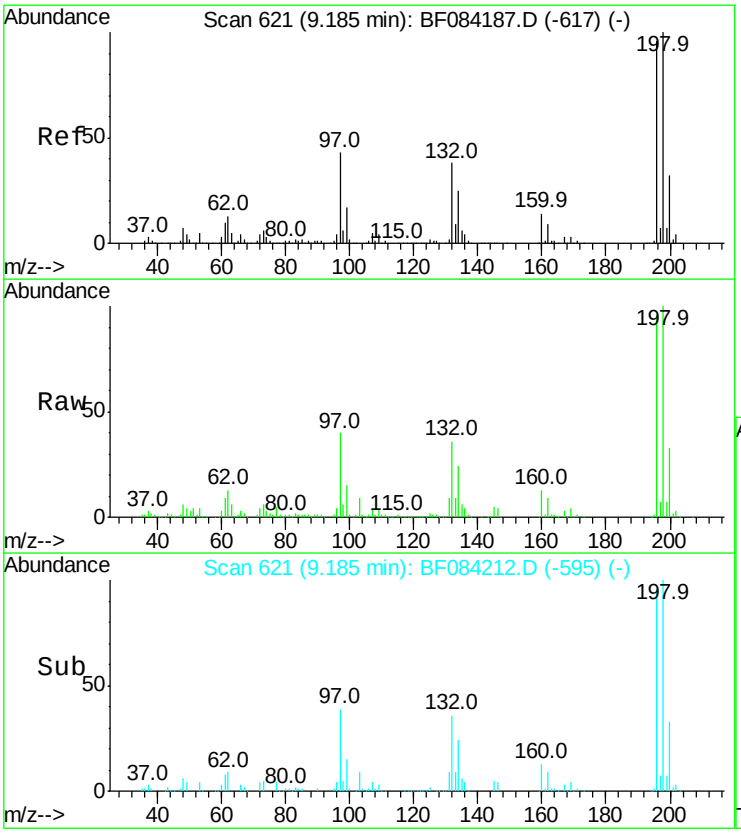
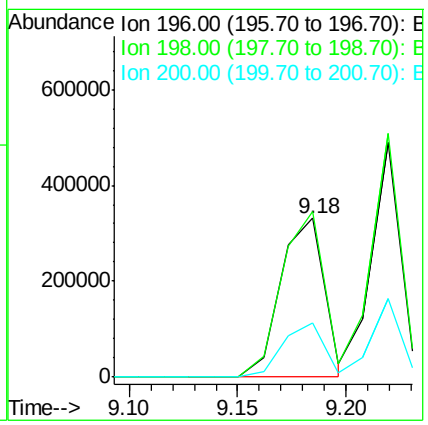
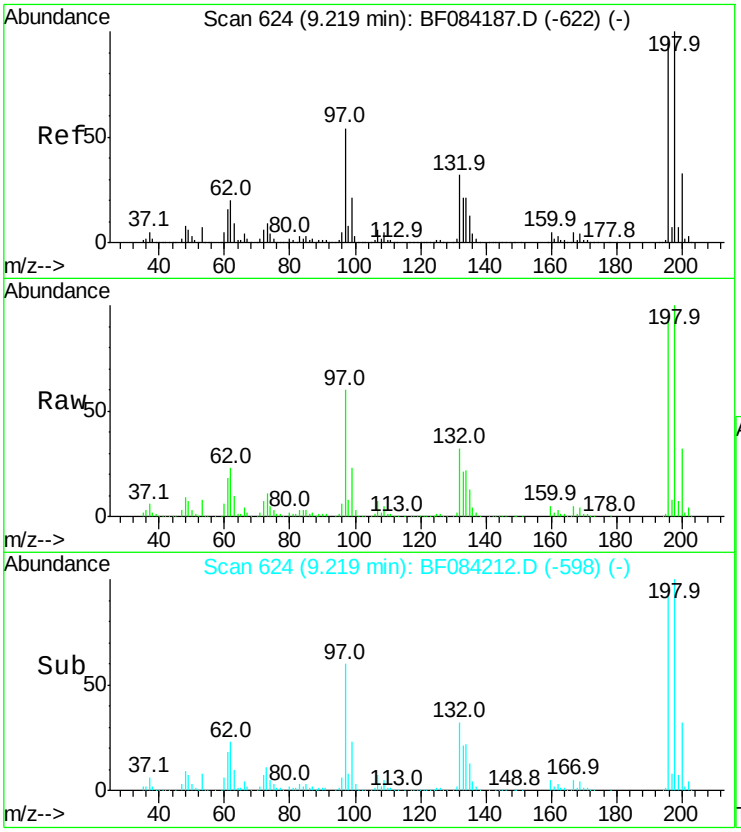


#42
2,4,6-Trichlorophenol
Concen: 40.65 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:196 Resp: 462595

Ion	Ratio	Lower	Upper
196	100		
198	104.2	77.7	116.5
200	34.1	24.6	37.0

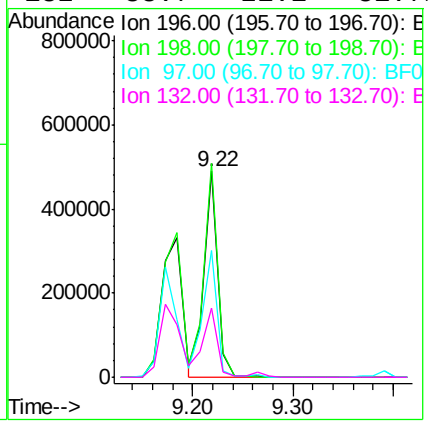




#43
2,4,5-Trichlorophenol
Concen: 42.37 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:196 Resp: 462257

Ion	Ratio	Lower	Upper
196	100		
198	103.9	79.0	118.6
97	61.9	33.0	49.6#
132	33.7	21.1	31.7#



Instrument :
BNA_F
ClientSampleId :
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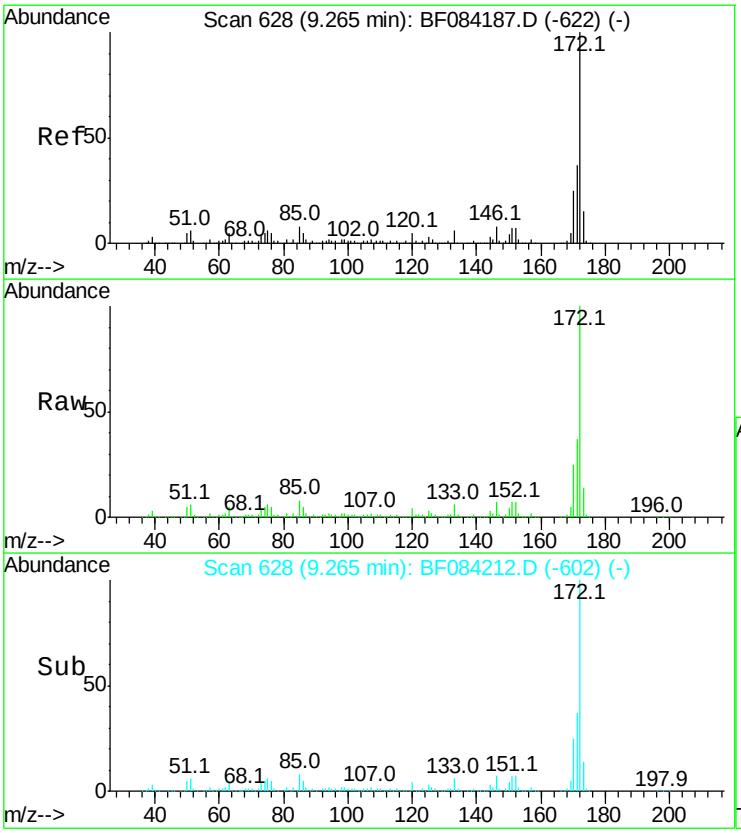
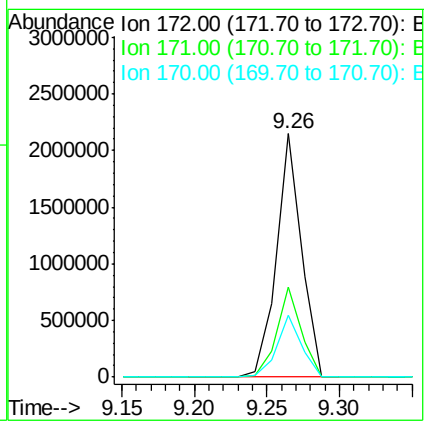
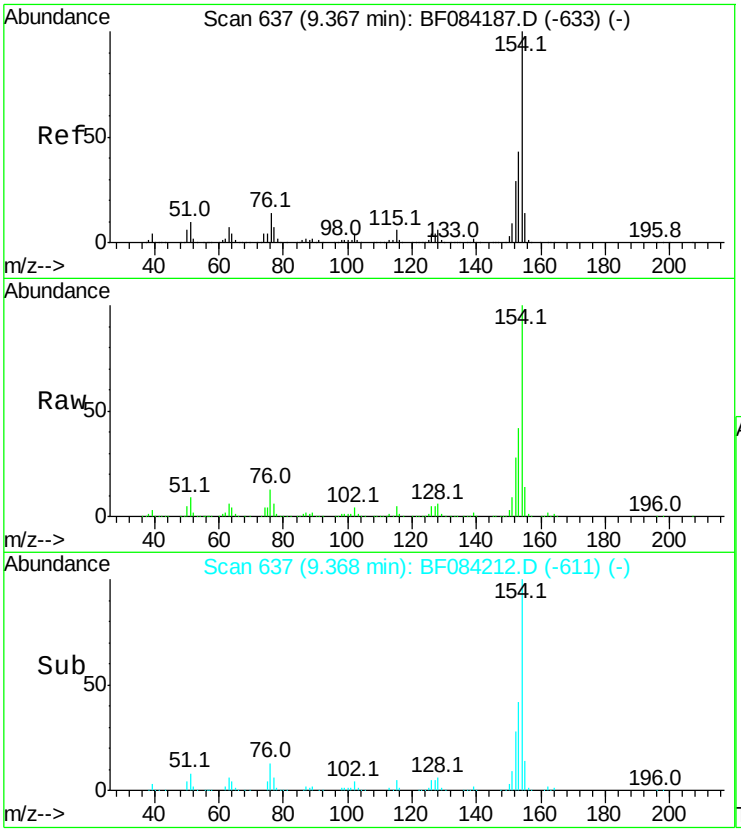


#44
2-Fluorobiphenyl
Concen: 85.02 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:172 Resp: 2557293

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.5	18.6	27.8

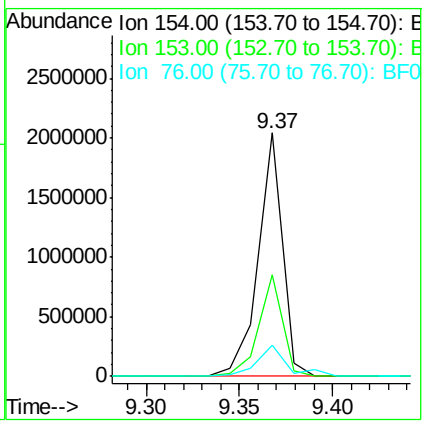




#45
1,1'-Biphenyl
Concen: 43.06 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:154 Resp: 1810778

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.6	61.6
76	12.9	0.0	32.7



Instrument :
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ClientSampleId :
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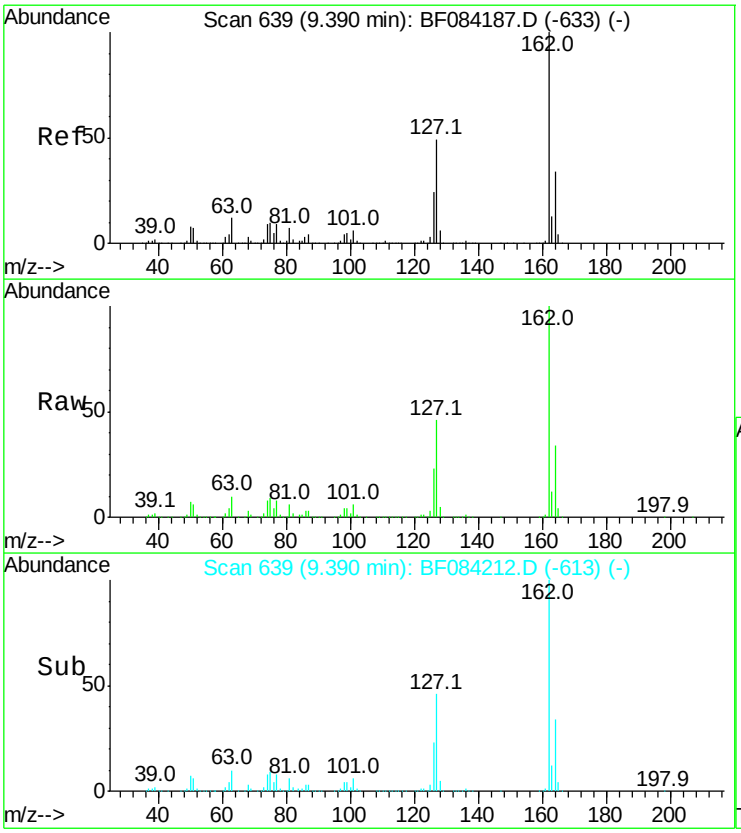
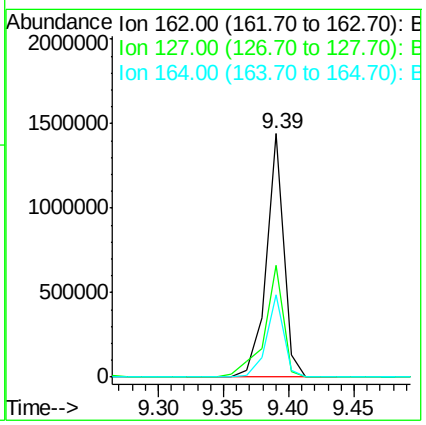
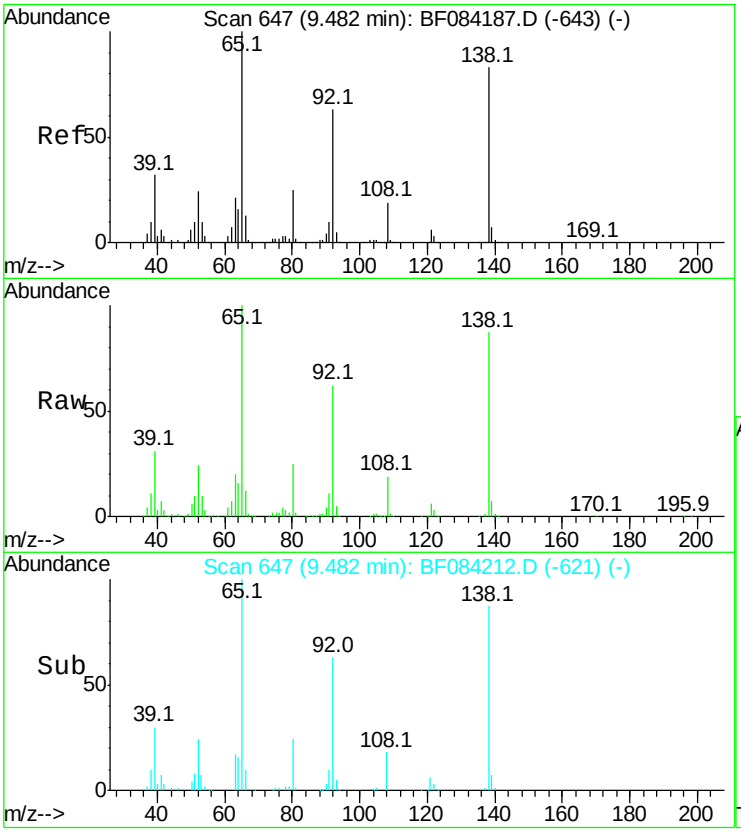


#46
2-Chloronaphthalene
Concen: 40.82 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:162 Resp: 1348268

Ion	Ratio	Lower	Upper
162	100		
127	46.1	40.2	60.4
164	33.6	25.7	38.5

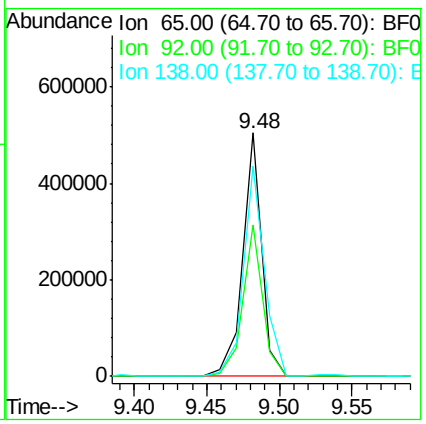




#47
2-Nitroaniline
Concen: 41.68 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 65 Resp: 454464

Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.4	80.2
138	86.5	71.1	106.7



Instrument :
BNA_F
ClientSampleId :
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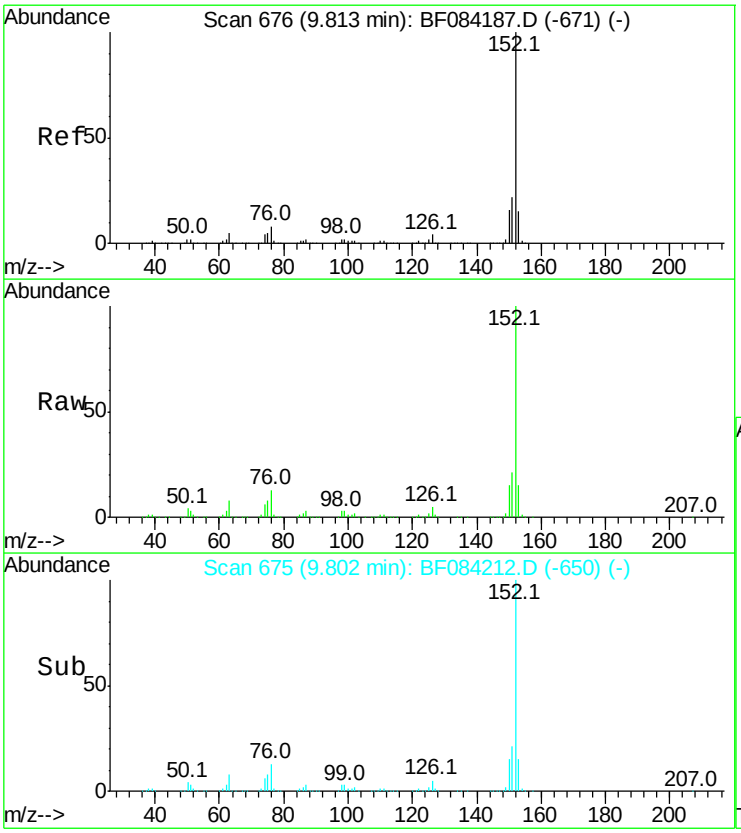
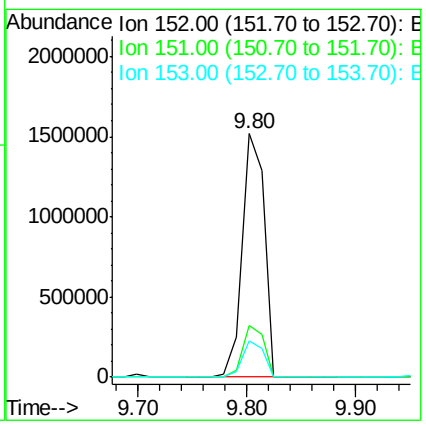
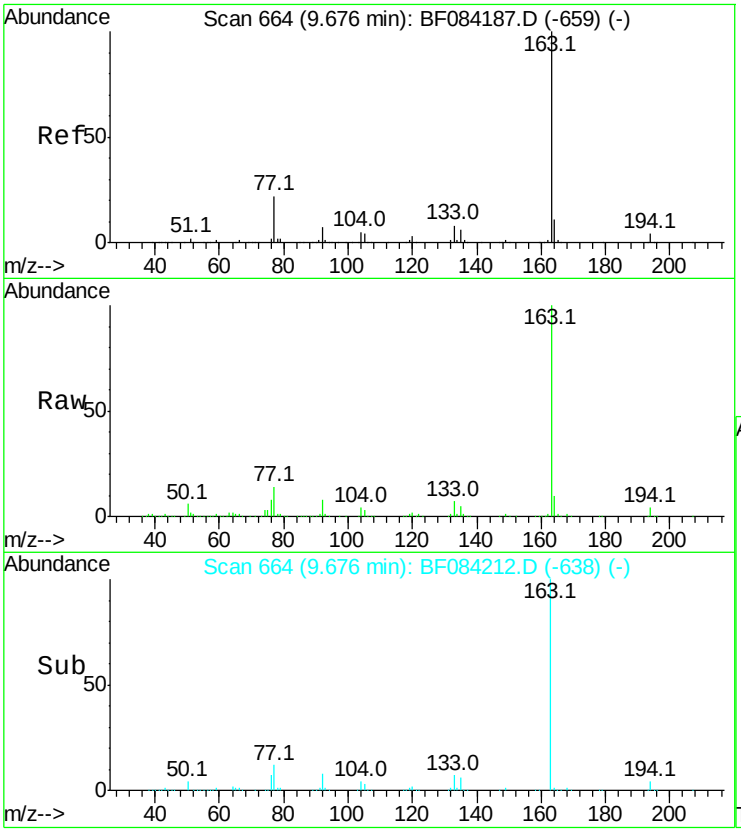


#48
Acenaphthylene
Concen: 43.29 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:152 Resp: 2112870

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	14.7	10.4	15.6

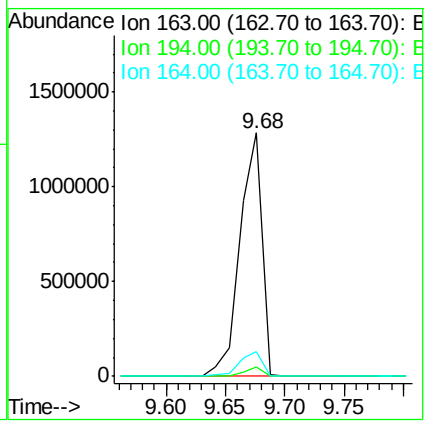




#49
Dimethylphthalate
Concen: 43.90 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:163 Resp: 1660798

Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	10.0	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
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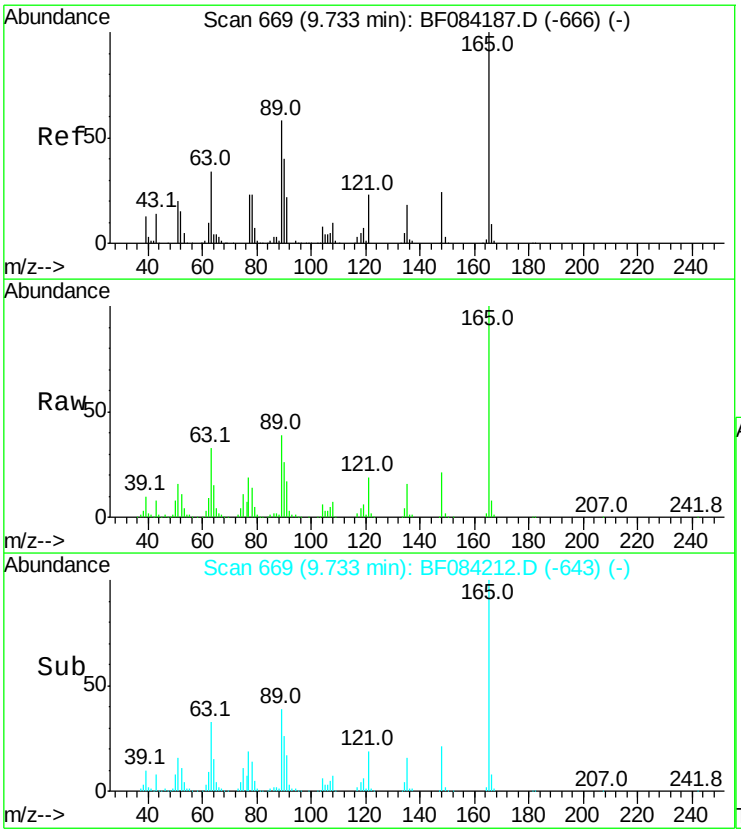
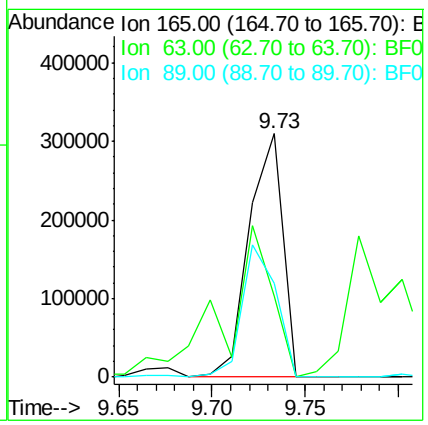
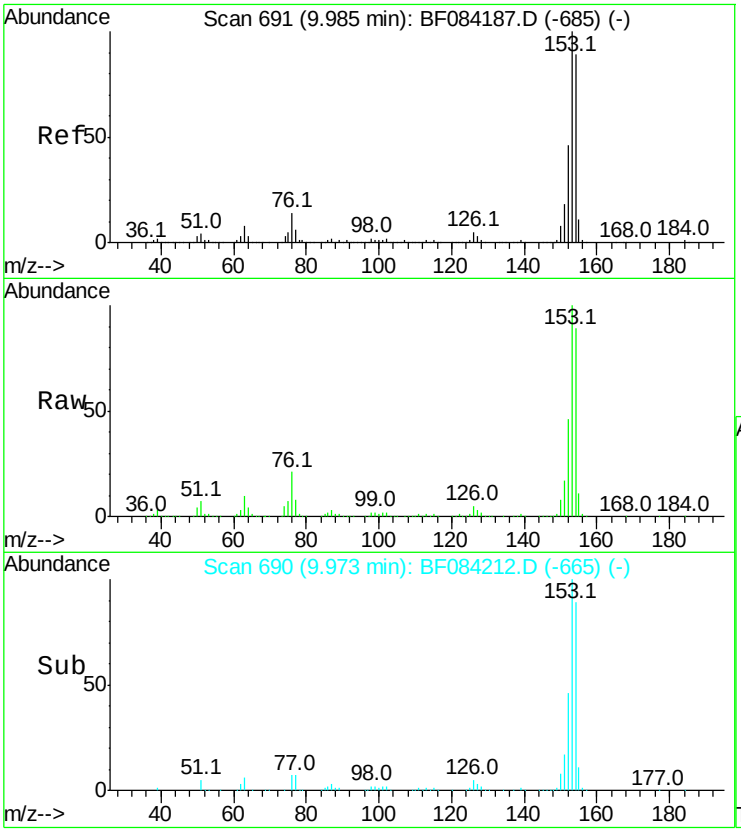


#50
2,6-Dinitrotoluene
Concen: 46.47 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:165 Resp: 385518

Ion	Ratio	Lower	Upper
165	100		
63	33.3	28.8	43.2
89	38.8	35.1	52.7

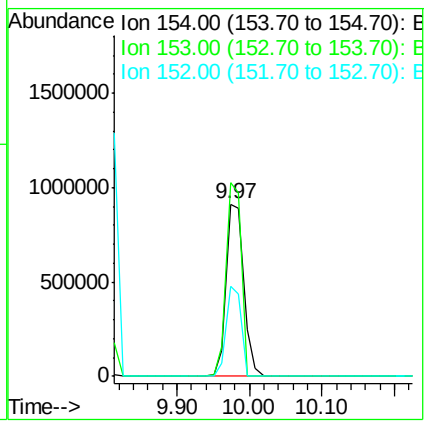




#51
Acenaphthene
Concen: 47.07 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:154 Resp: 1540960

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.5	137.3
152	52.0	43.0	64.6



Instrument :
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ClientSampleId :
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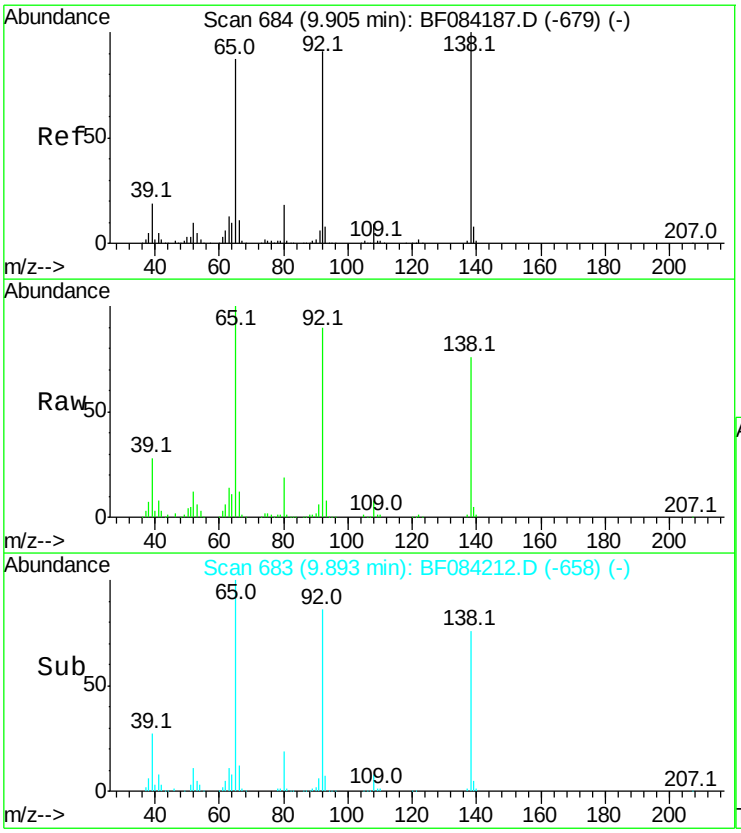
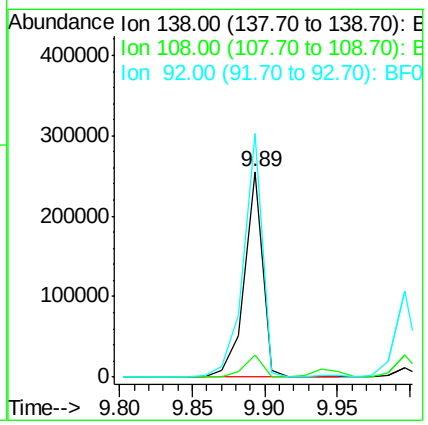
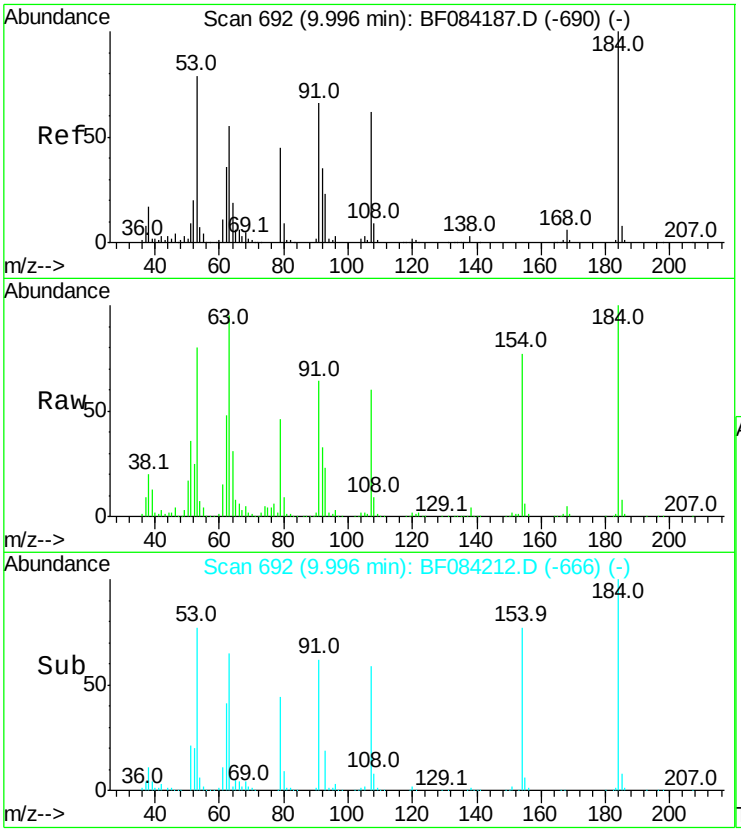


#52
3-Nitroaniline
Concen: 21.63 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:138 Resp: 222373

Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.5	15.7
92	118.5	103.9	155.9

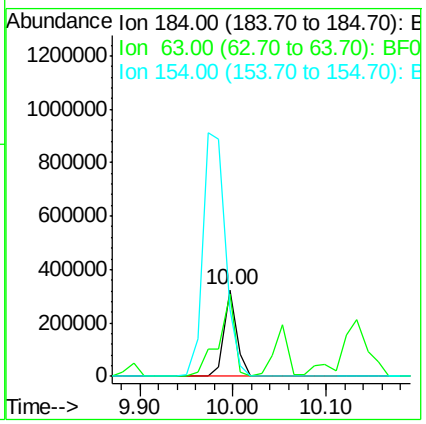




#53
2,4-Dinitrophenol
Concen: 87.32 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:184 Resp: 309818

Ion	Ratio	Lower	Upper
184	100		
63	95.0	43.1	64.7#
154	77.0	60.5	90.7



Instrument :
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ClientSampleId :
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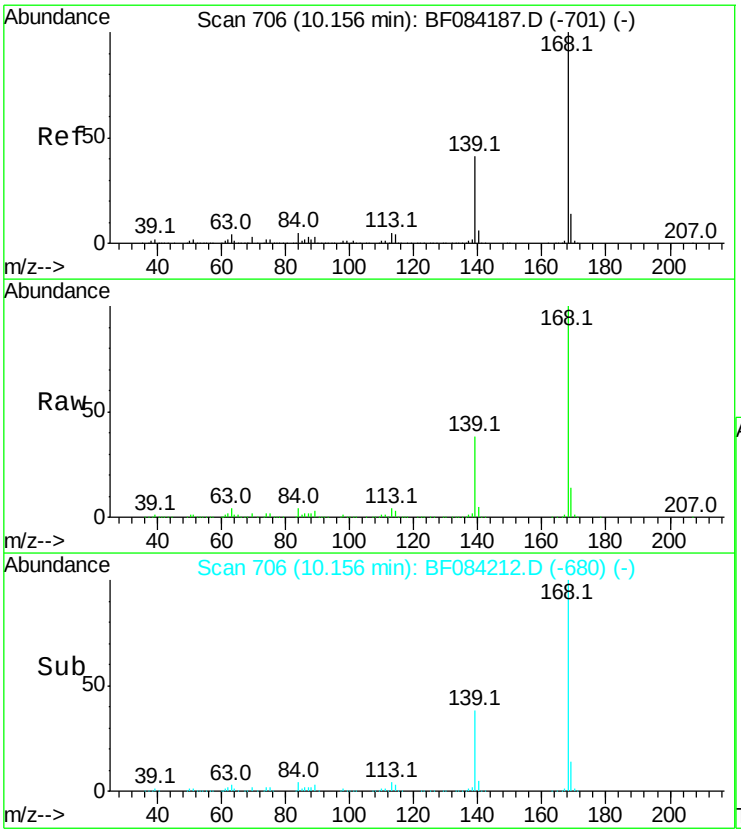
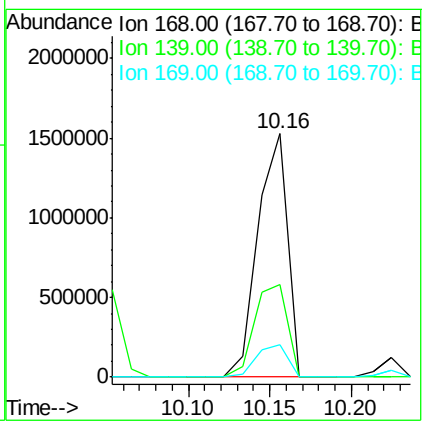
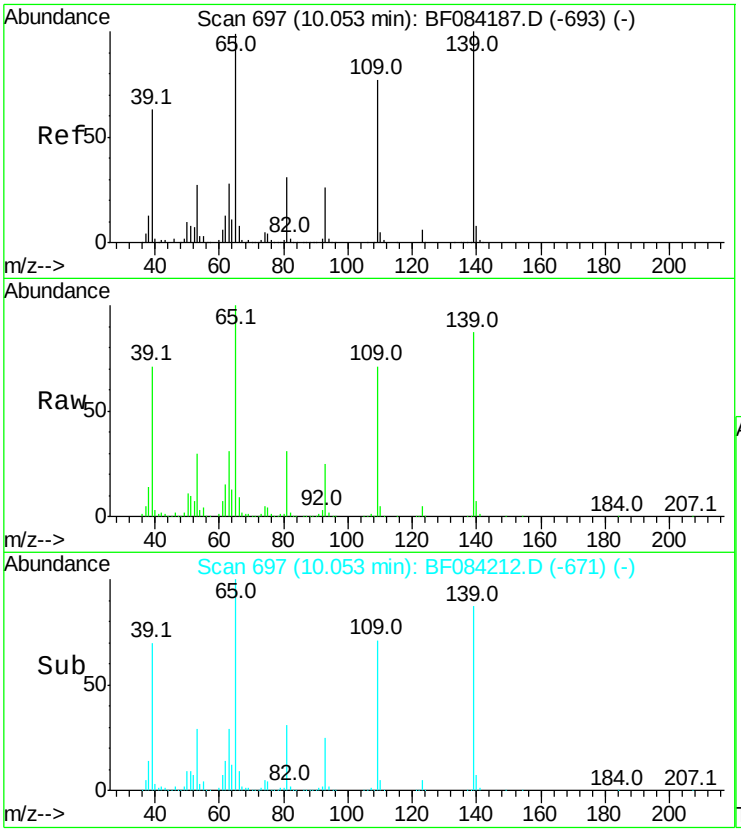


#54
Dibenzofuran
Concen: 45.62 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:168 Resp: 1932588

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.5	45.7
169	13.6	10.4	15.6

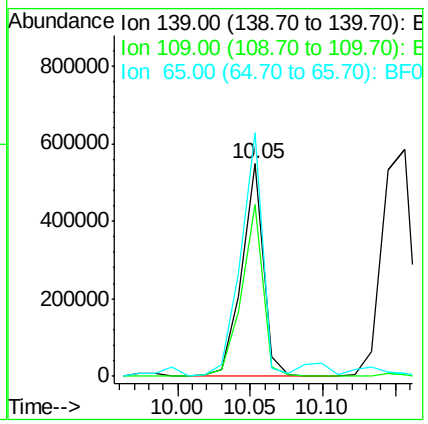




#55
4-Nitrophenol
Concen: 76.35 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:139 Resp: 569787

Ion	Ratio	Lower	Upper
139	100		
109	80.9	58.5	98.5
65	114.7	57.6	97.6#



Instrument :
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ClientSampleId :
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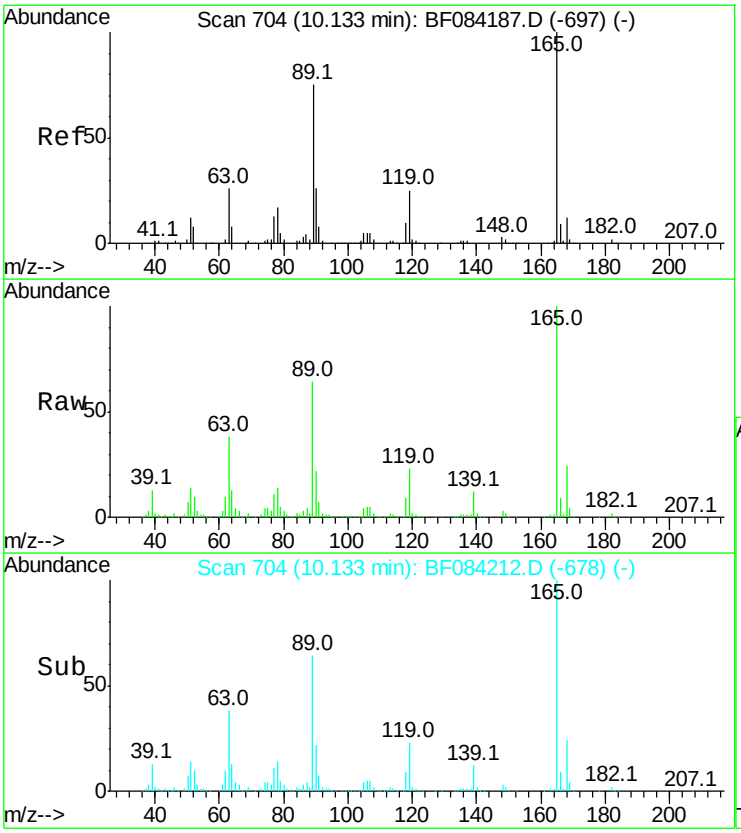
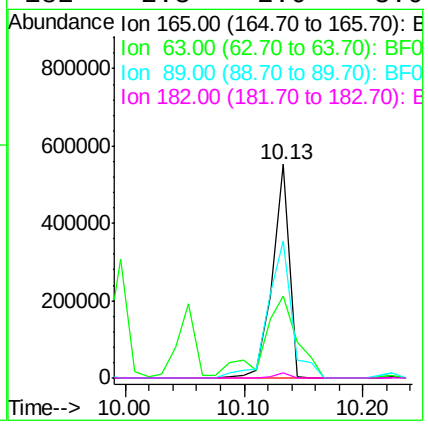
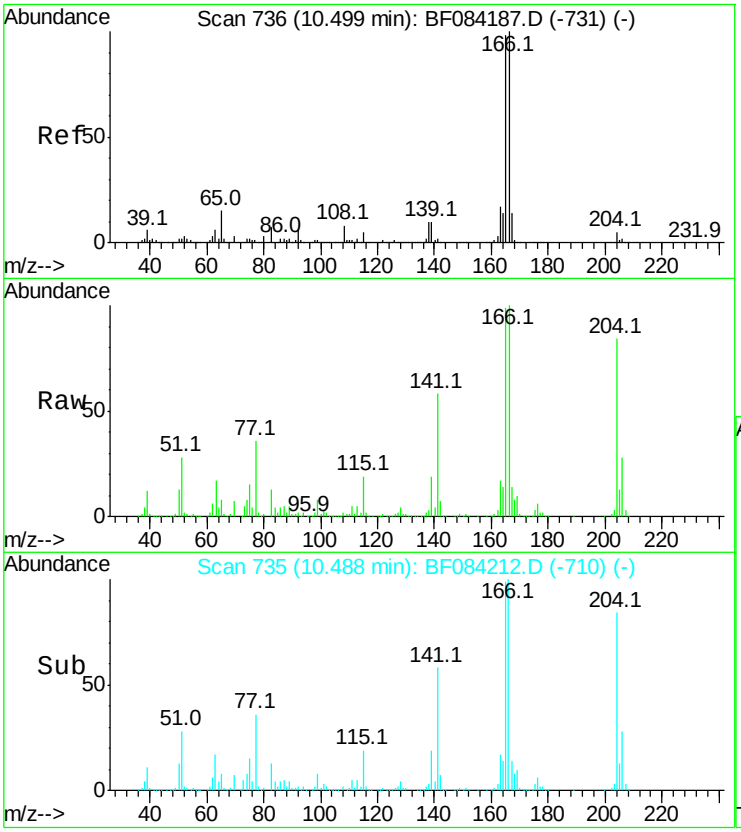


#56
2,4-Dinitrotoluene
Concen: 52.29 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:165 Resp: 549069

Ion	Ratio	Lower	Upper
165	100		
63	38.1	36.7	55.1
89	64.4	61.9	92.9
182	2.3	2.0	3.0

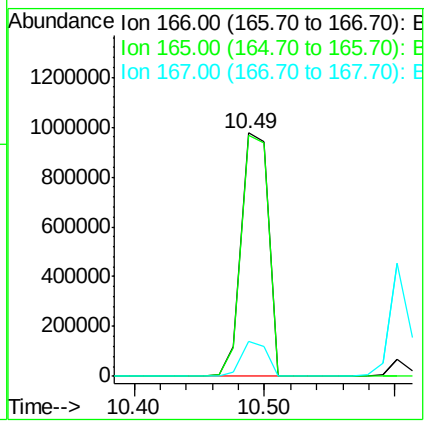




#57
Fluorene
Concen: 42.67 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:166 Resp: 1402859

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.1	118.7
167	14.5	10.4	15.6



Instrument :
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ClientSampleId :
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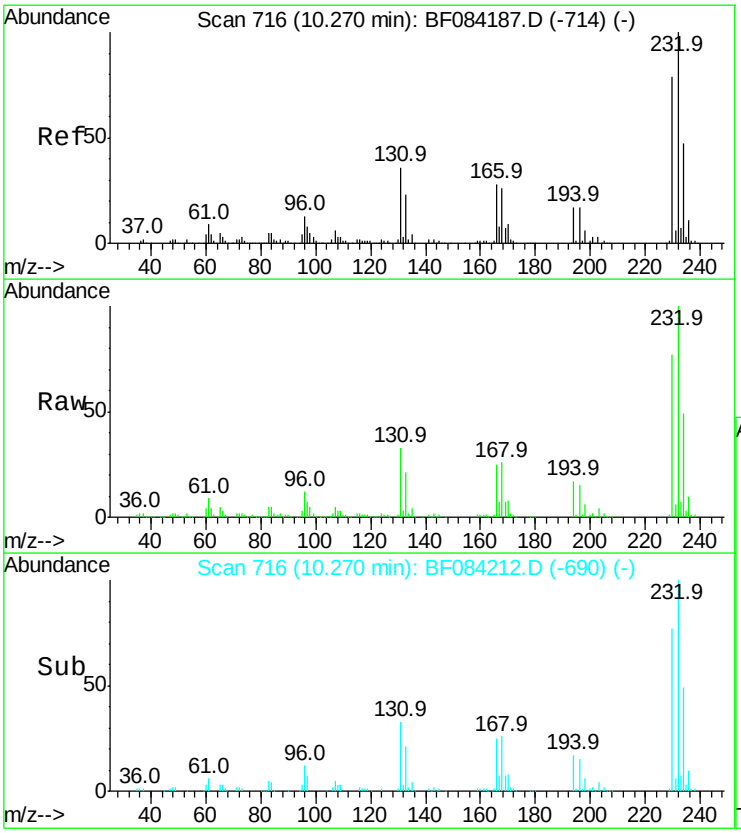
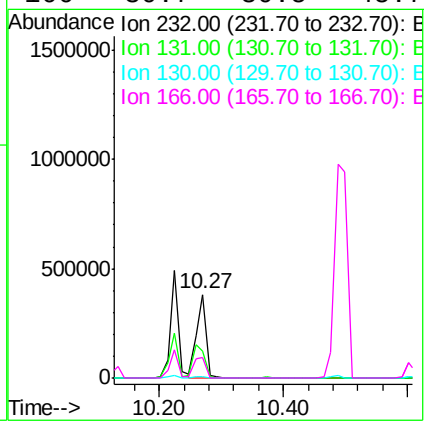
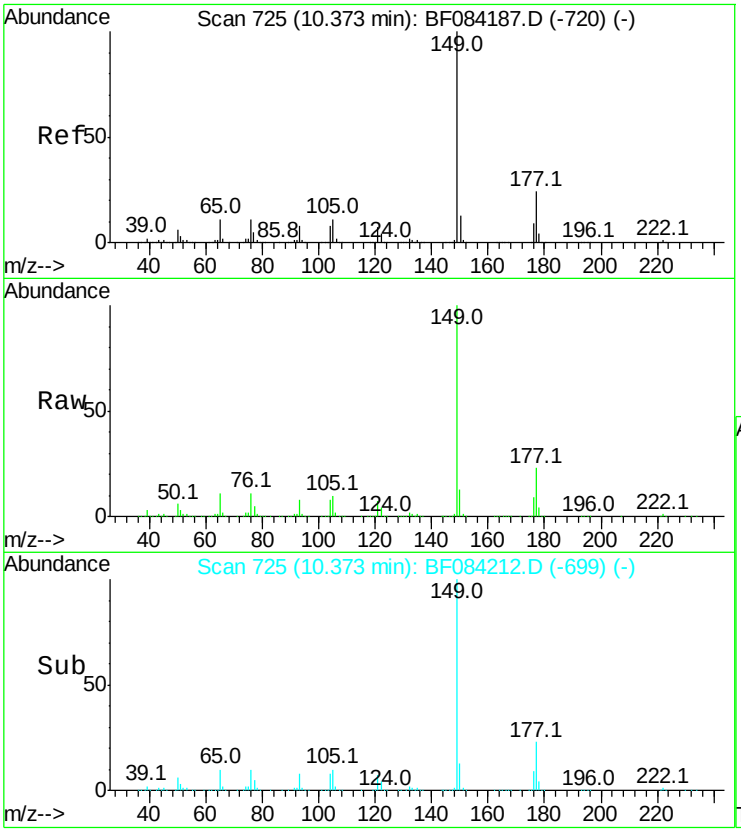


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.67 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:232 Resp: 416122

Ion	Ratio	Lower	Upper
232	100		
131	47.7	47.0	70.6
130	2.3	2.0	3.0
166	30.7	30.5	45.7

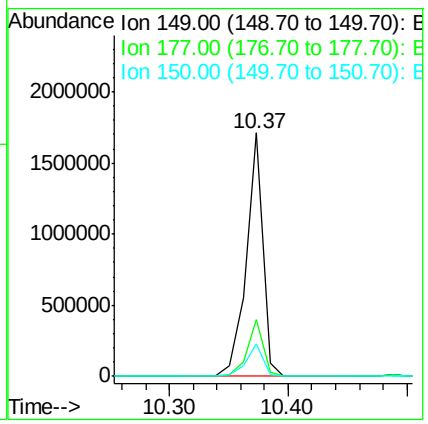




#59
Diethylphthalate
Concen: 44.74 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:149 Resp: 1668519

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.3	25.9
150	13.3	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
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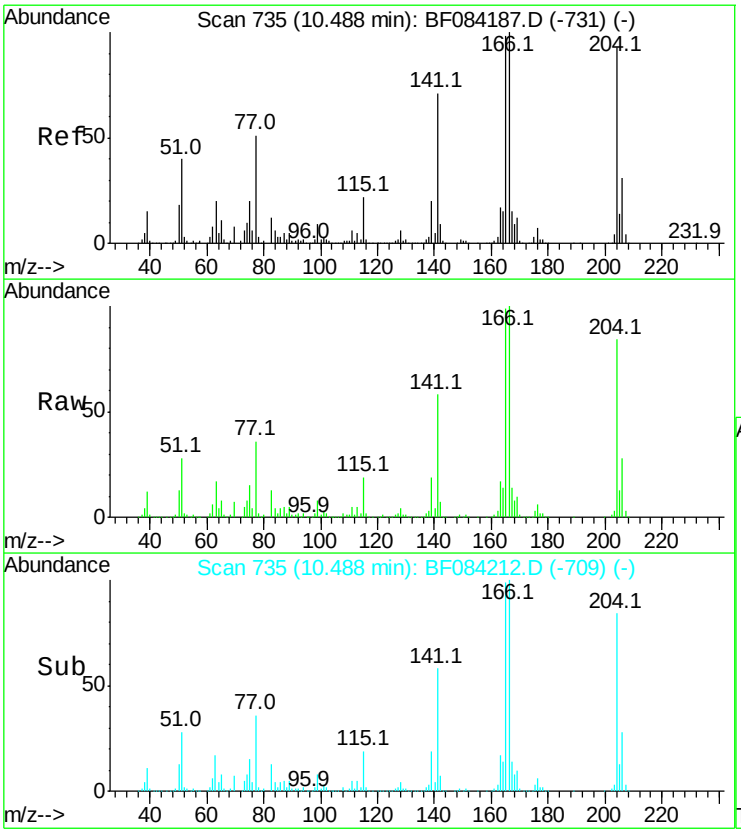
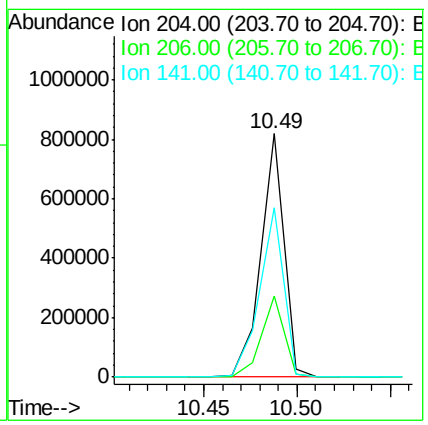
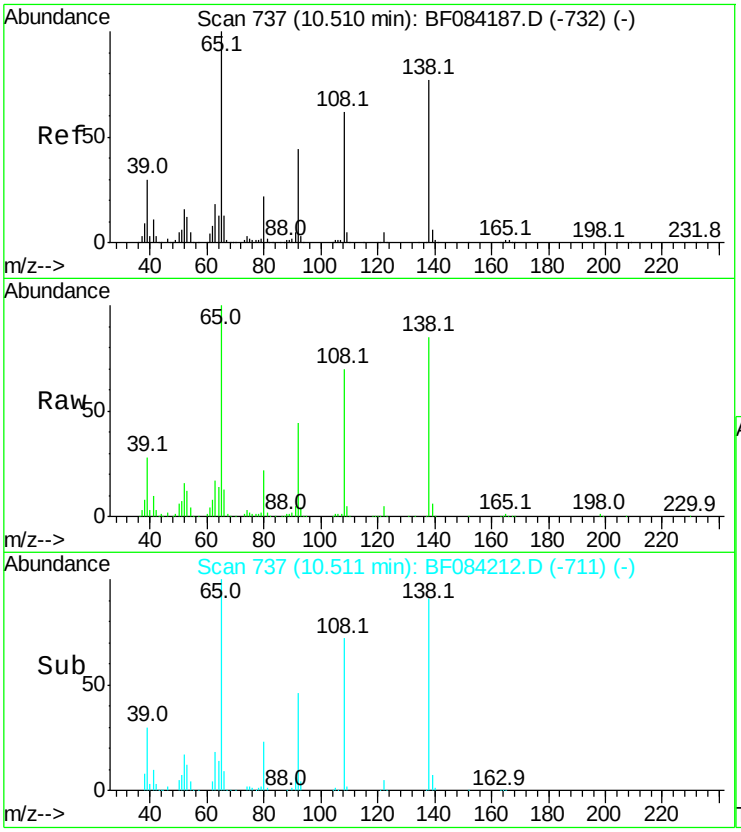


#60
4-Chlorophenyl-phenylether
Concen: 51.52 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:204 Resp: 696886

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.7	38.5
141	69.6	55.1	82.7

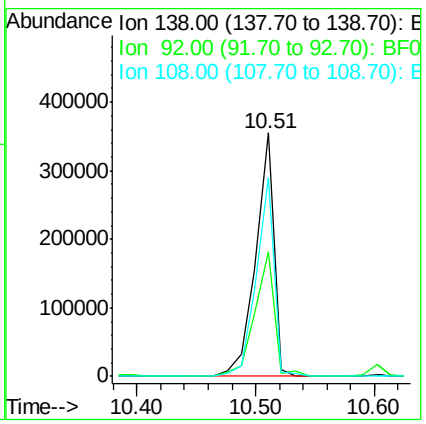




#61
4-Nitroaniline
Concen: 42.07 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:138 Resp: 385536

Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.6	72.6
108	81.7	68.6	108.6



Instrument :
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ClientSampleId :
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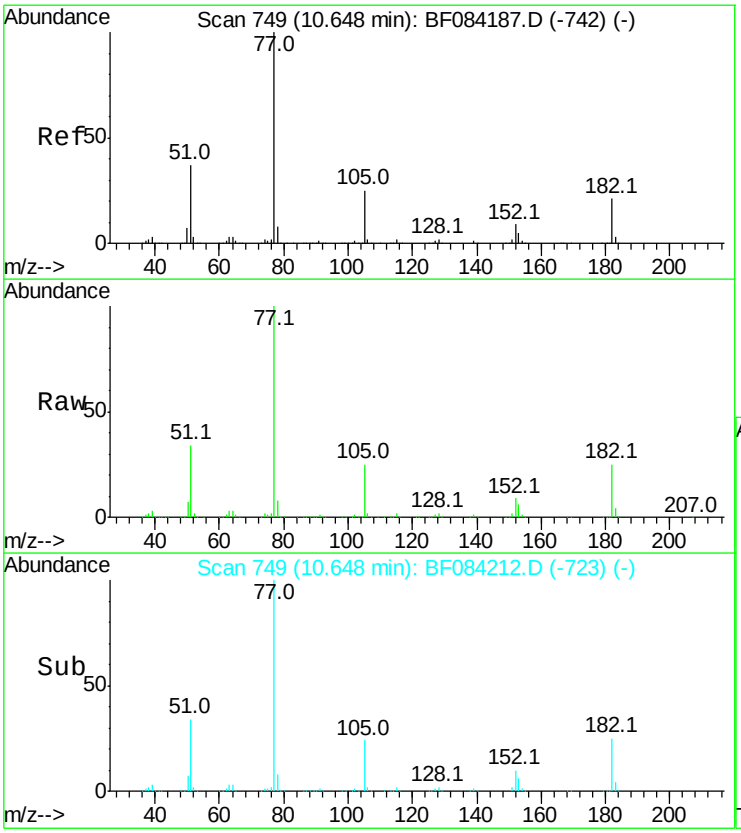
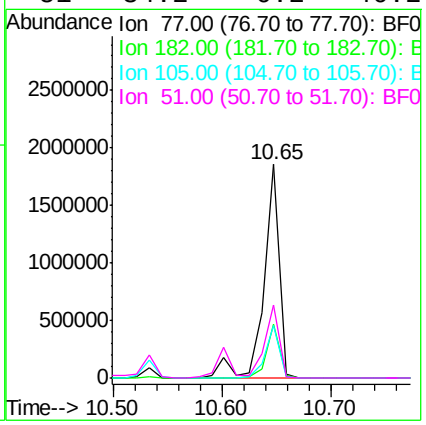
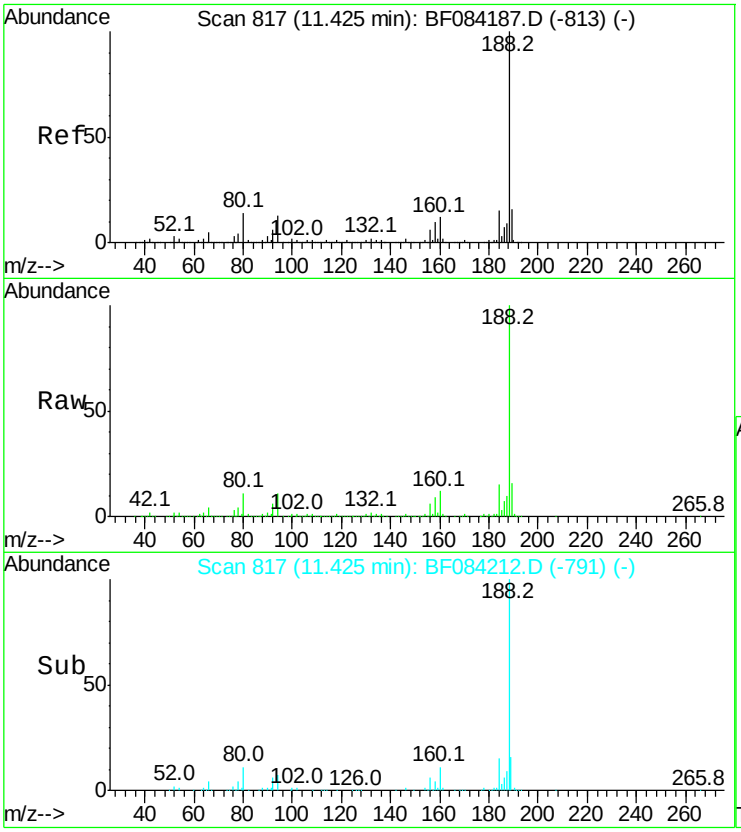


#62
Azobenzene
Concen: 45.92 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion: 77 Resp: 1878490

Ion	Ratio	Lower	Upper
77	100		
182	24.9	8.3	48.3
105	24.8	4.6	44.6
51	34.2	6.2	46.2

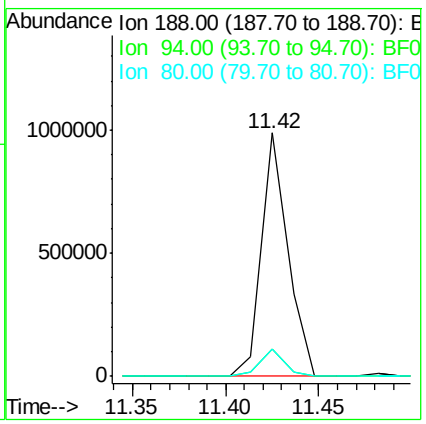




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:188 Resp: 966685

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.0	13.4
80	11.4	9.6	14.4



Instrument :
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ClientSampleId :
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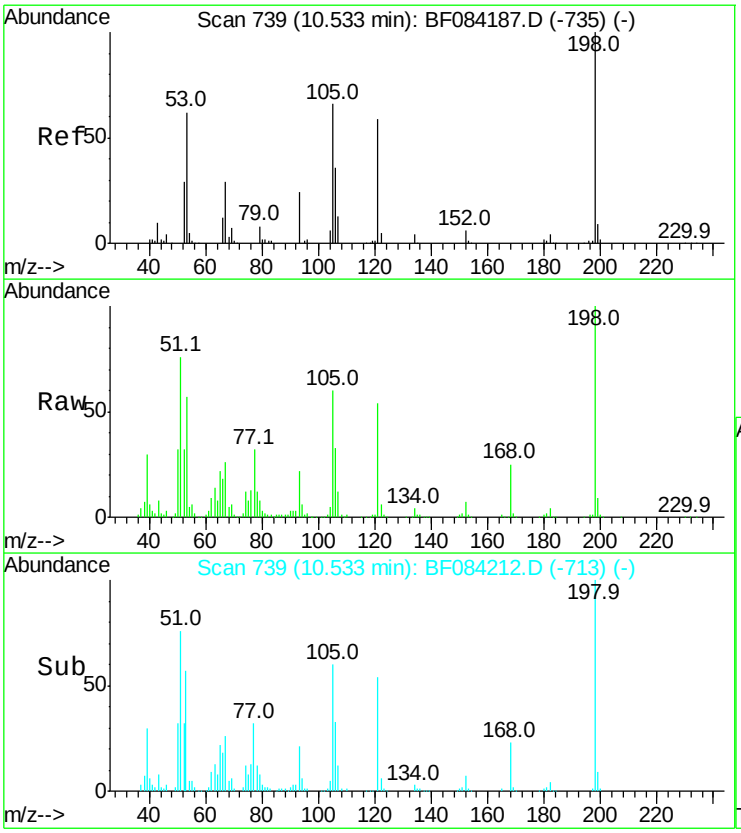
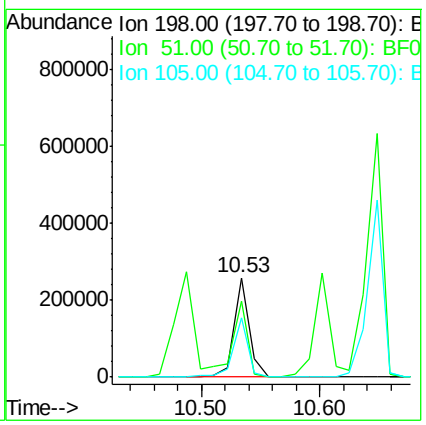
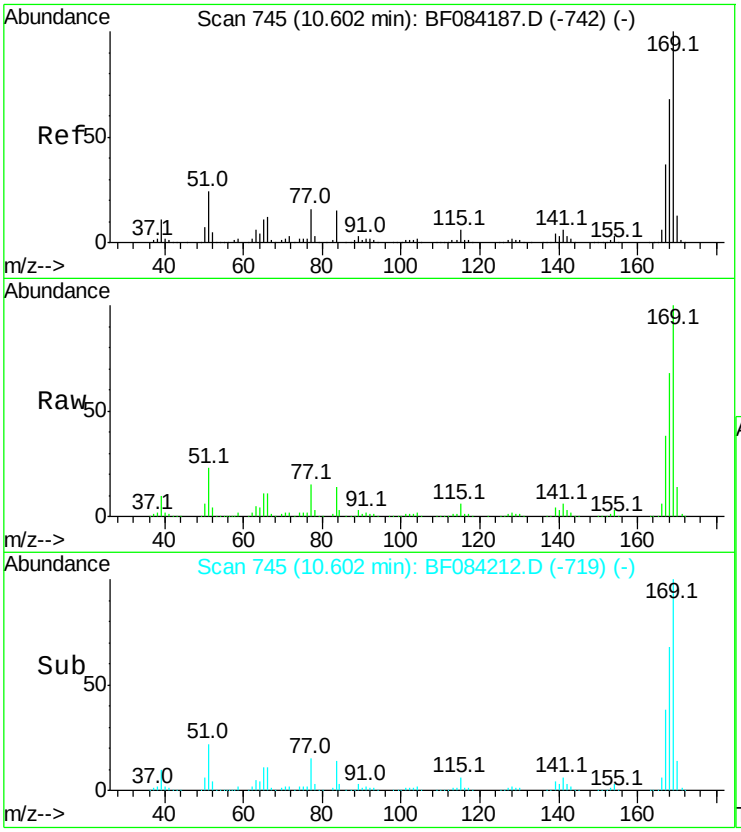


#64
4,6-Dinitro-2-methylphenol
Concen: 39.05 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:198 Resp: 230600

Ion	Ratio	Lower	Upper
198	100		
51	76.1	18.9	58.9#
105	59.5	26.4	66.4

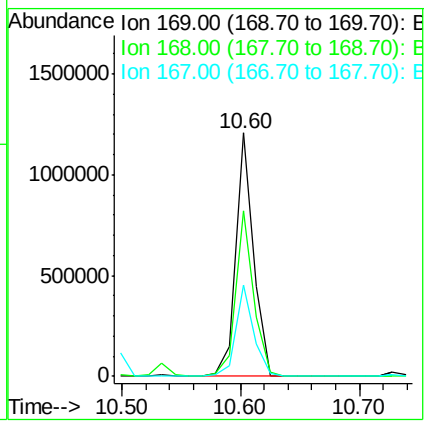




#65
n-Nitrosodiphenylamine
Concen: 40.49 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:169 Resp: 1251447

Ion	Ratio	Lower	Upper
169	100		
168	67.8	55.1	82.7
167	37.6	30.0	45.0



Instrument :
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ClientSampleId :
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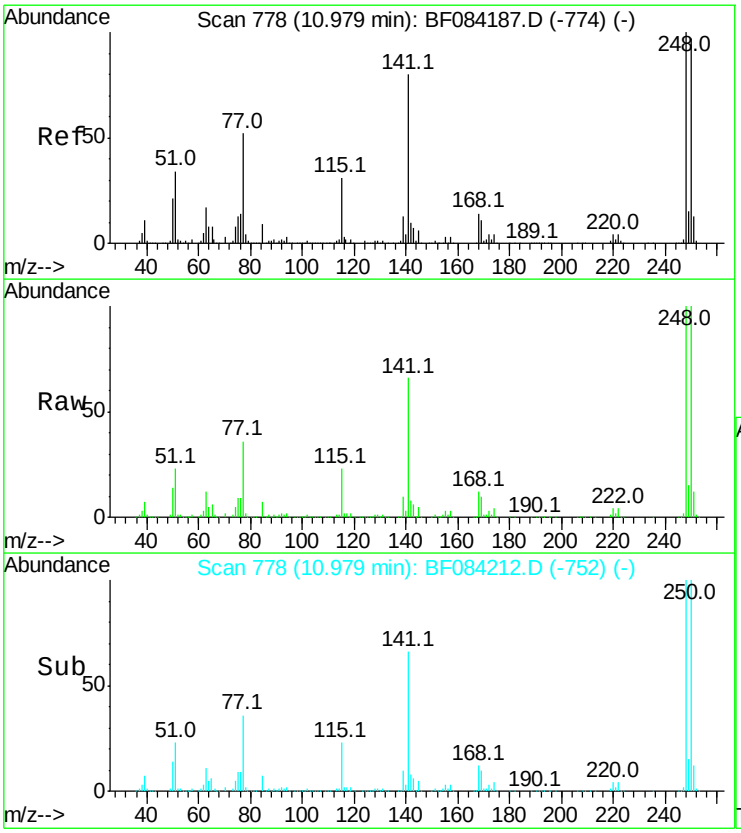
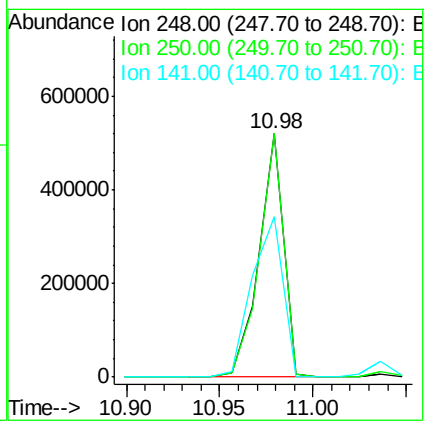
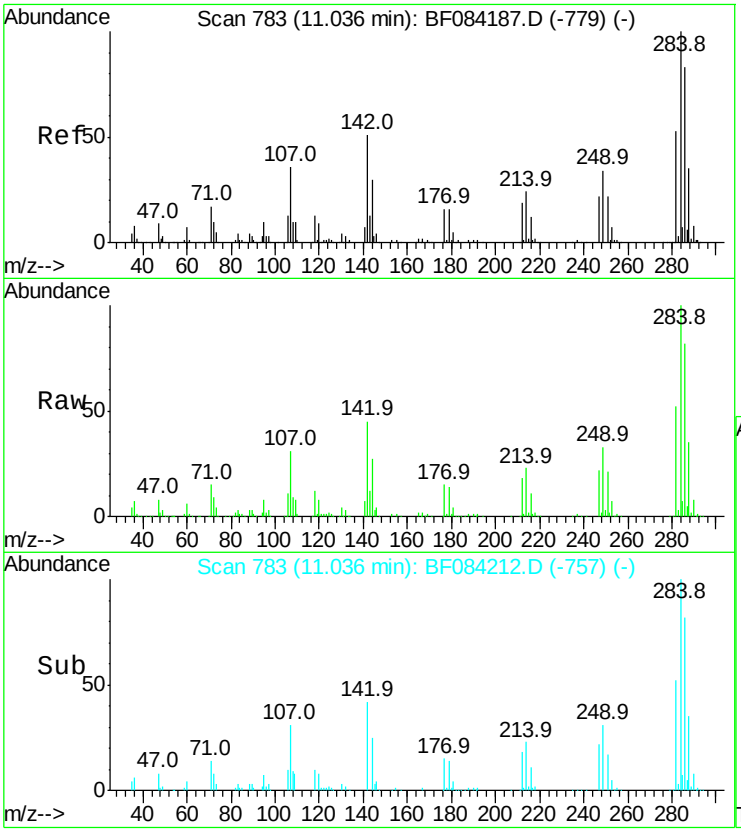


#66
4-Bromophenyl-phenylether
Concen: 45.31 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:248 Resp: 471485

Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.4	117.6
141	65.7	44.0	66.0

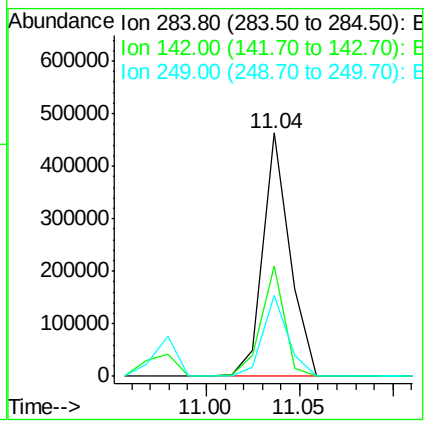




#67
Hexachlorobenzene
Concen: 39.99 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:284 Resp: 468290

Ion	Ratio	Lower	Upper
284	100		
142	45.3	22.2	33.4#
249	33.2	24.6	37.0



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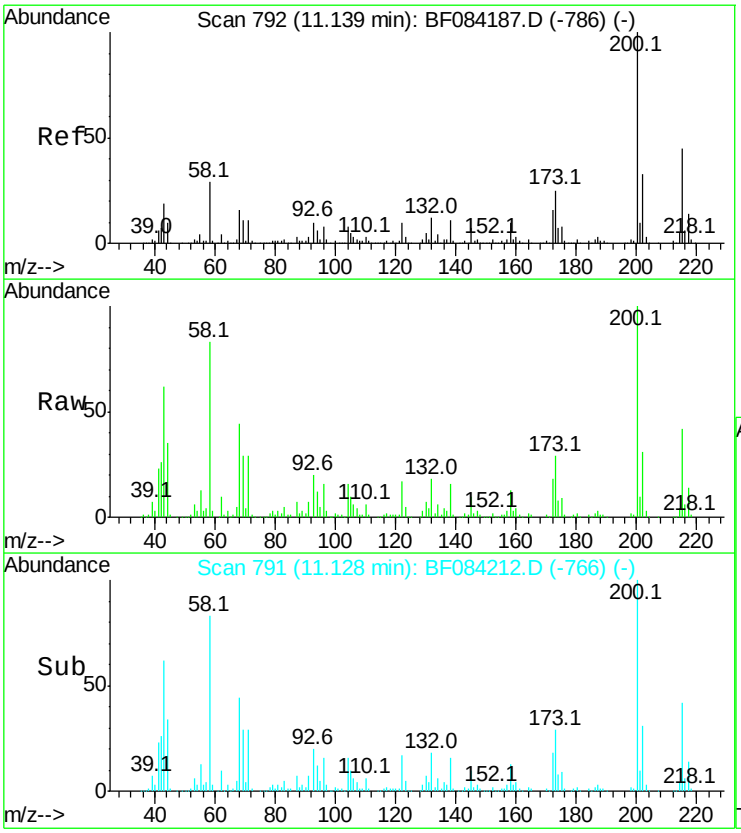
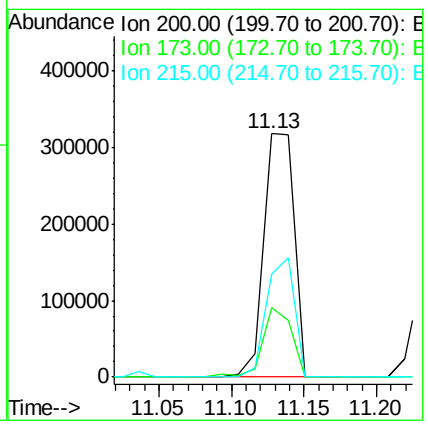
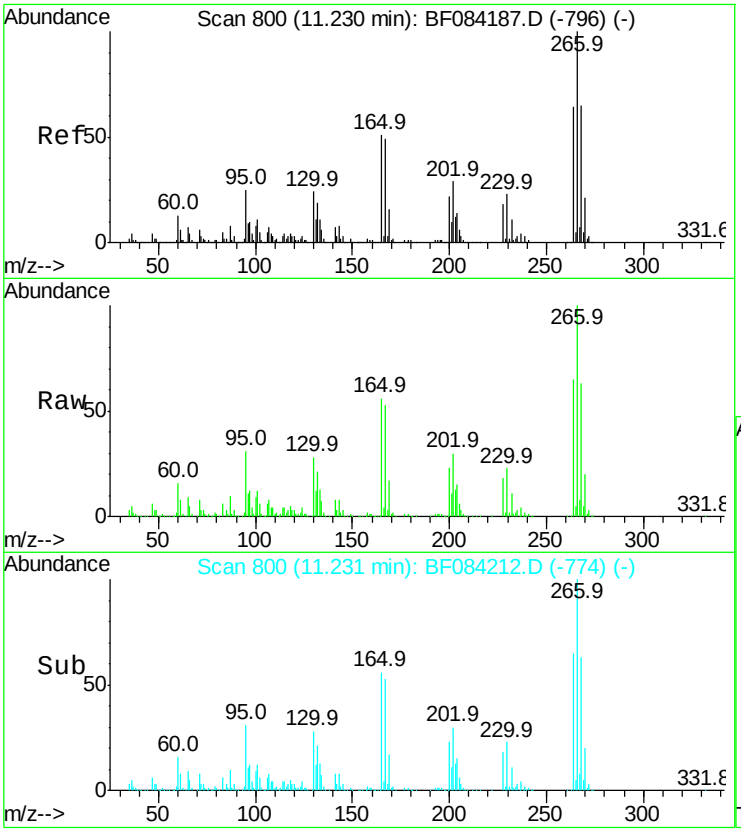


#68
Atrazine
Concen: 45.56 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:200 Resp: 460832

Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.5	49.5
215	42.0	23.8	63.8

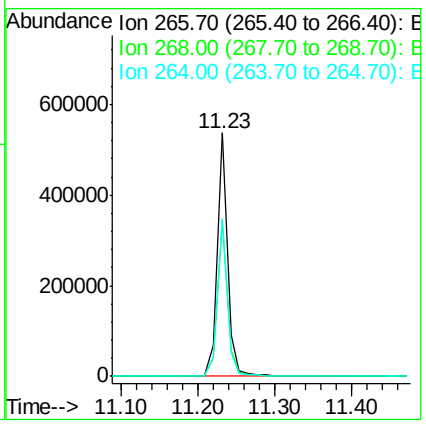




#69
Pentachlorophenol
Concen: 83.24 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:266 Resp: 505477

Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.4	78.6
264	64.7	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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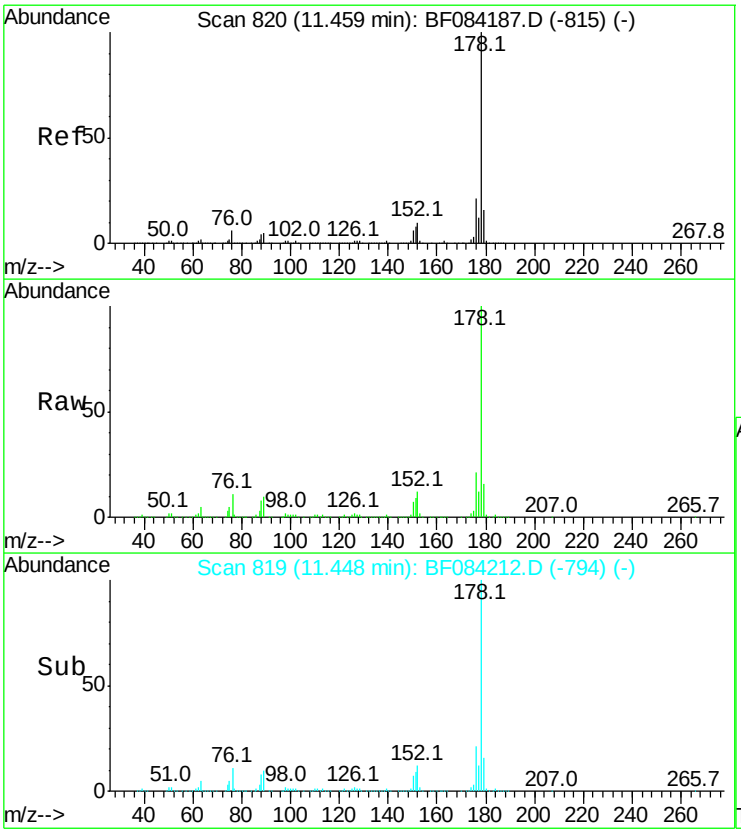
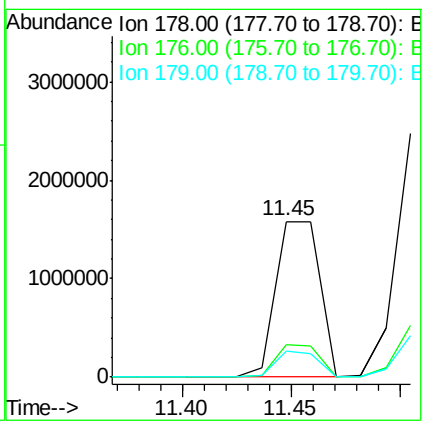
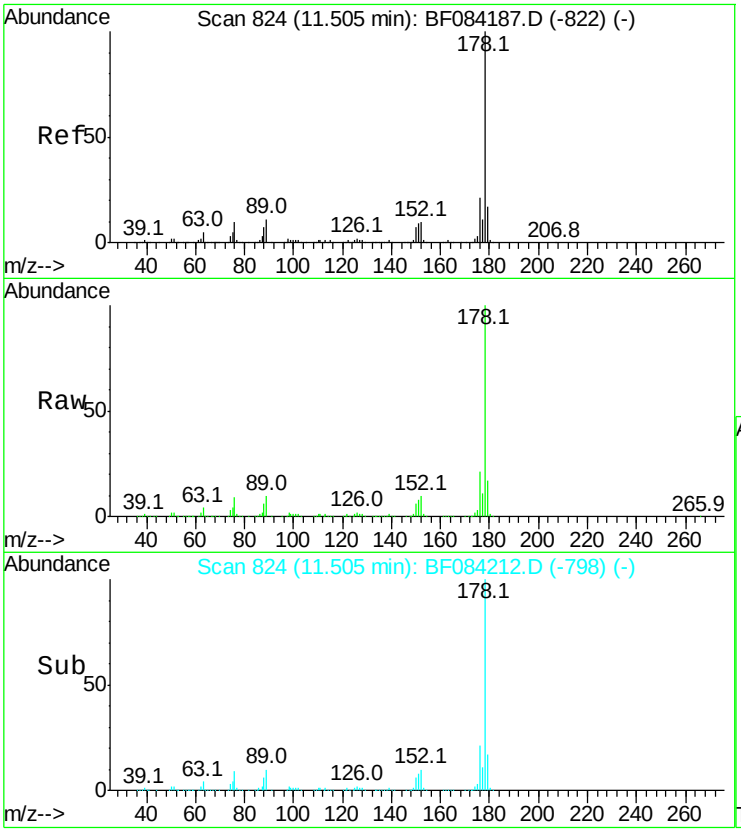


#70
Phenanthrene
Concen: 44.20 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:178 Resp: 2235004

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.3	22.9
179	16.4	12.0	18.0

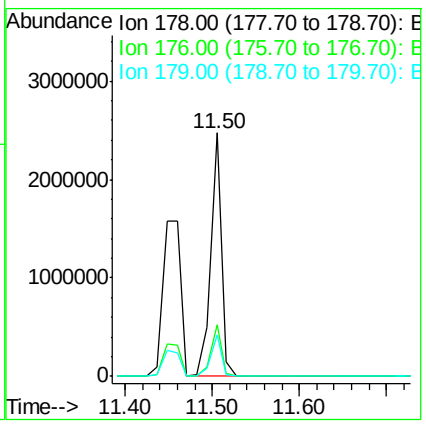




#71
Anthracene
Concen: 43.60 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:178 Resp: 2160933

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.4	23.0
179	17.2	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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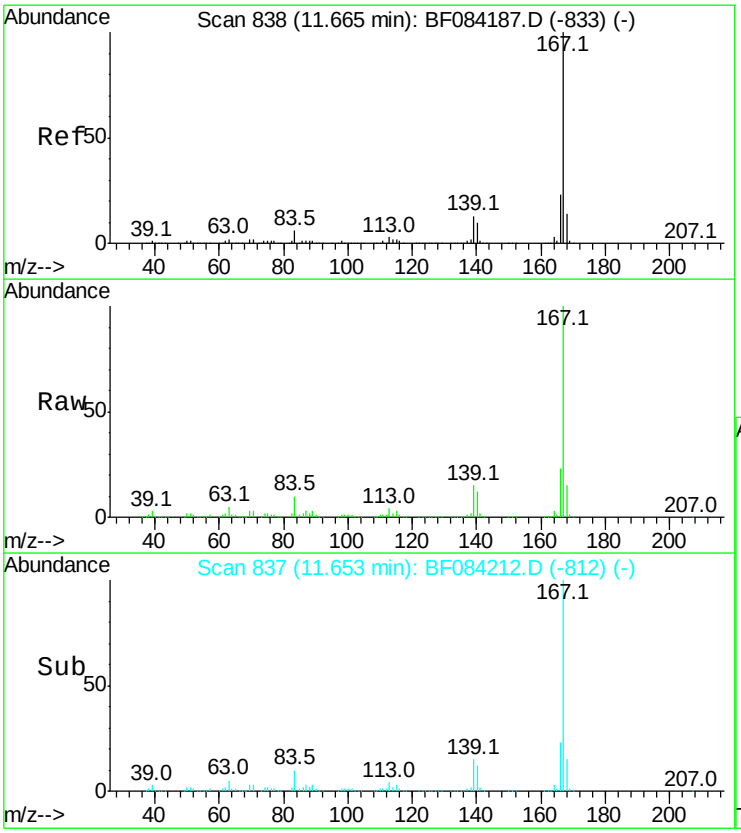
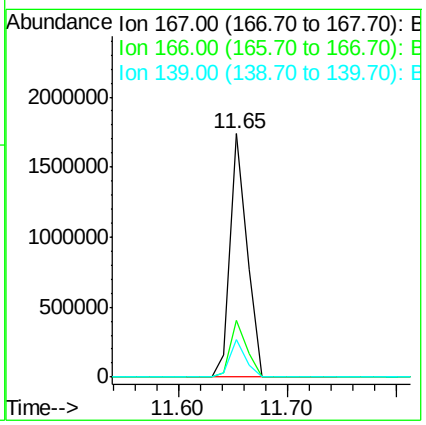
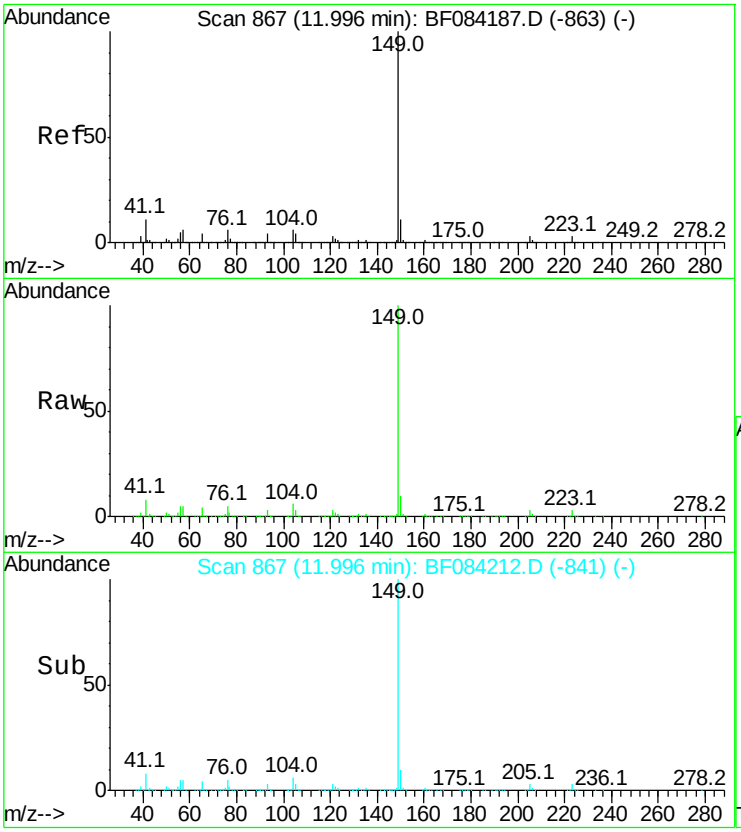


#72
Carbazole
Concen: 38.06 ng
RT: 11.65 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:167 Resp: 1844488

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	15.4	11.8	17.8

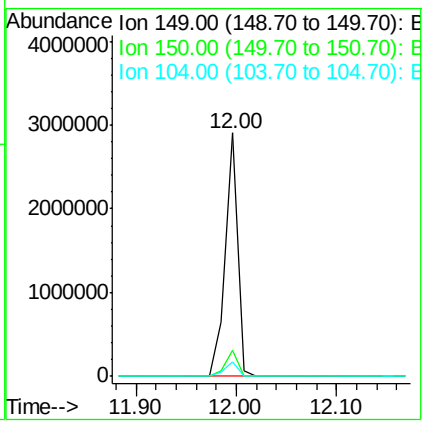




#73
Di-n-butylphthalate
Concen: 49.88 ng
RT: 12.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:149 Resp: 2500158

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.1	10.7
104	5.9	3.2	4.8#



Instrument :
BNA_F
ClientSampleId :
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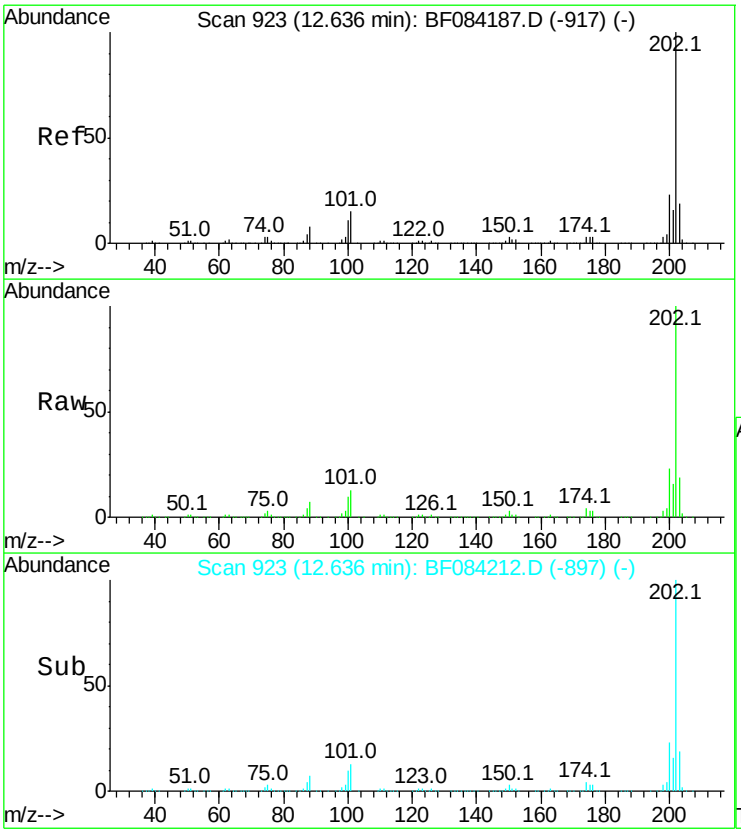
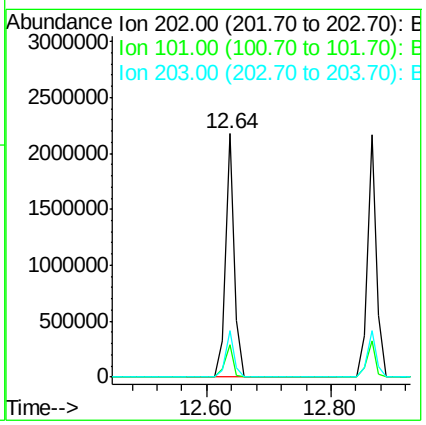
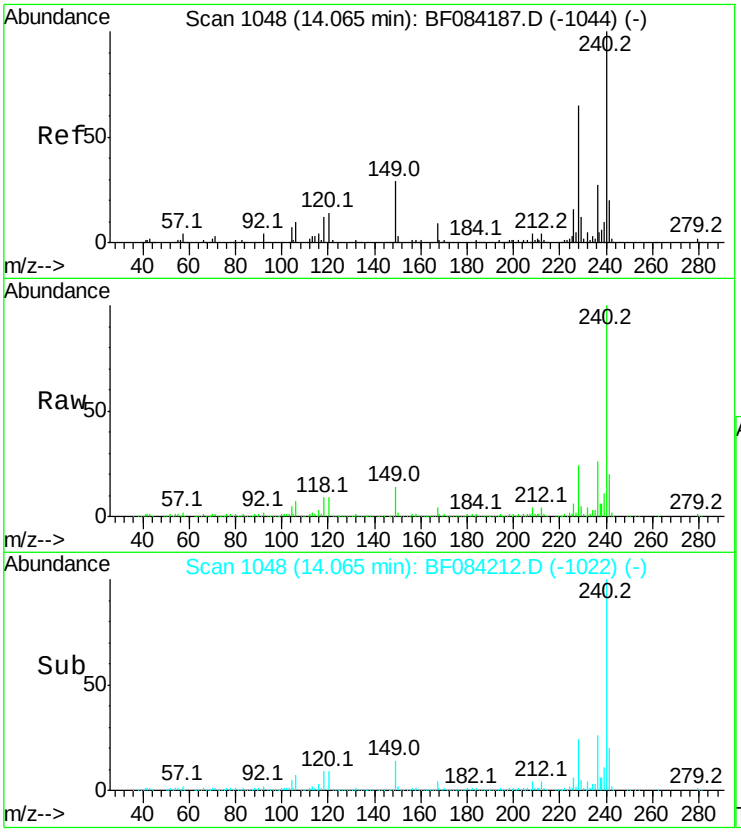


#74
Fluoranthene
Concen: 39.42 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:202 Resp: 2082101

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.8
203	19.0	0.0	37.9

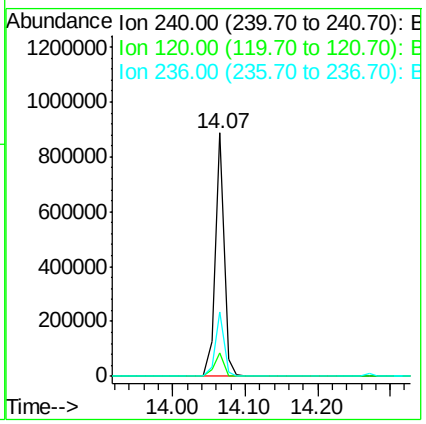




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:240 Resp: 749189

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.2	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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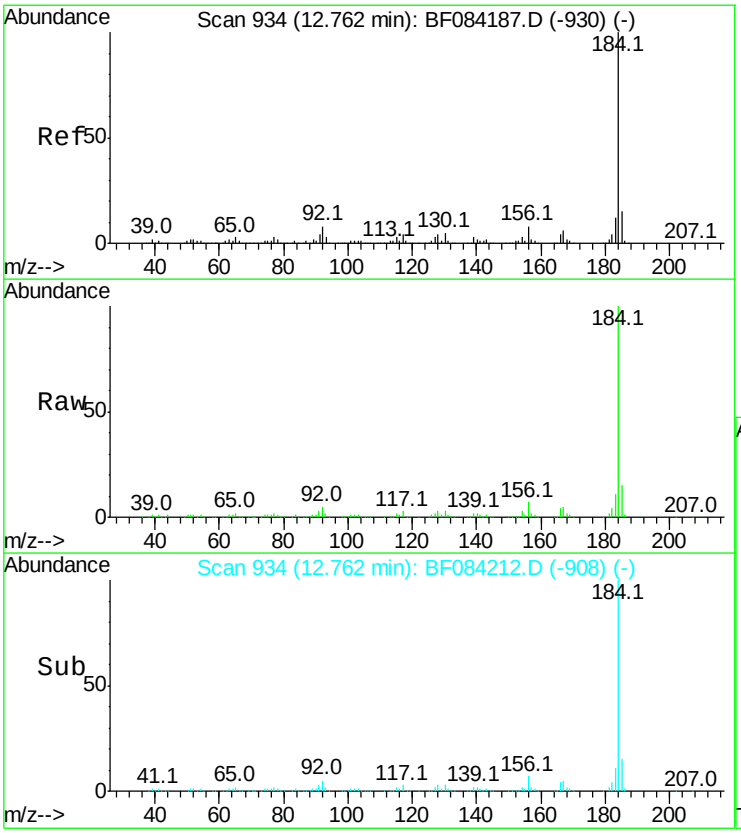
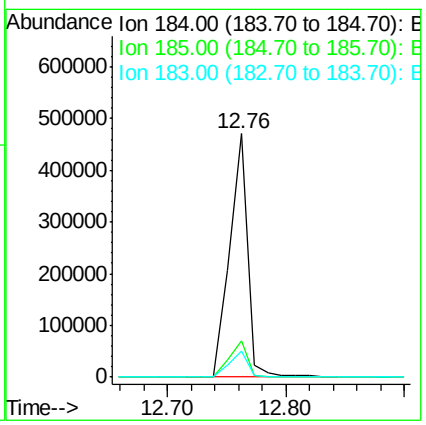
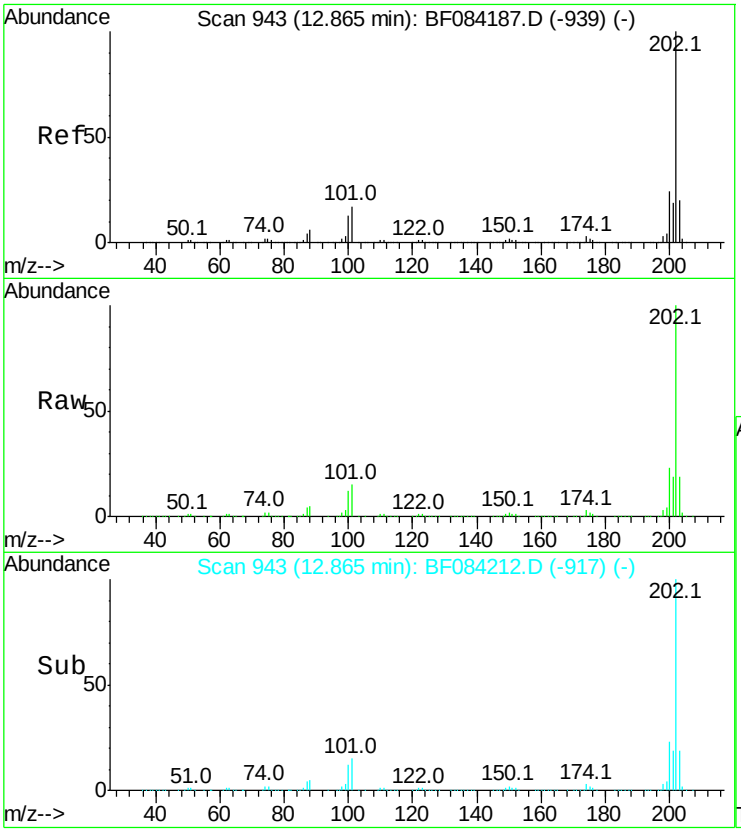


#76
Benzidine
Concen: 18.35 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:184 Resp: 492899

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	10.9	9.8	14.8

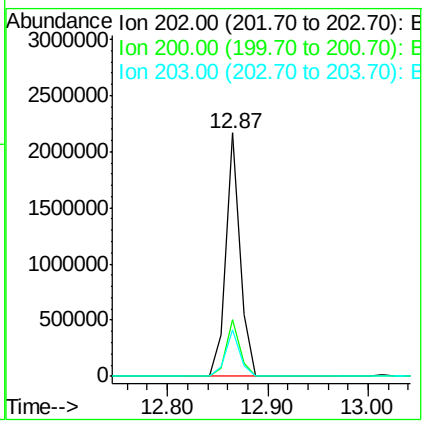




#77
Pyrene
Concen: 36.30 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:202 Resp: 2134376

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.2	25.8
203	19.2	14.3	21.5



Instrument :
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ClientSampleId :
PB86817BS

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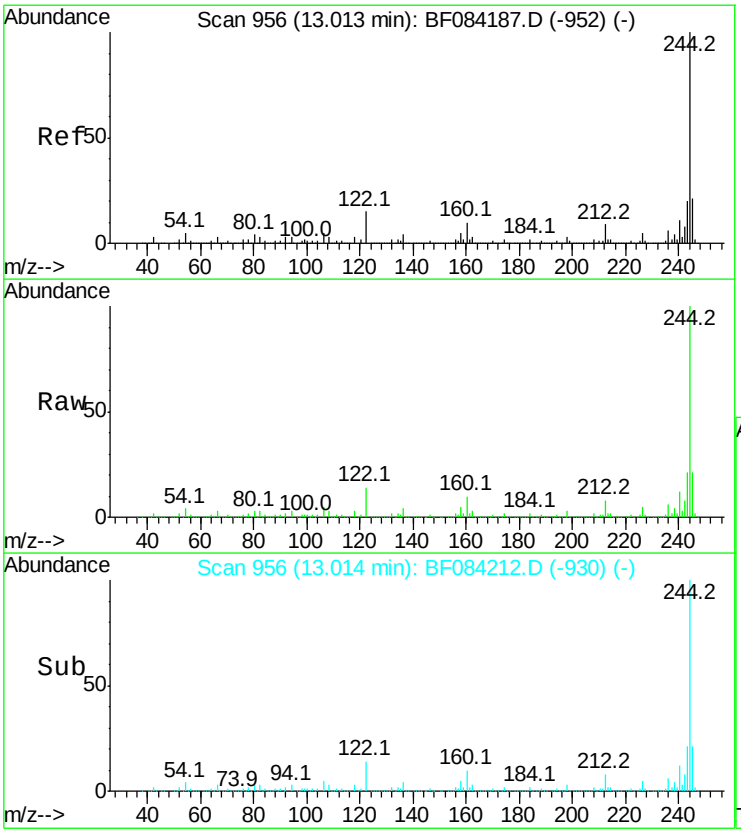
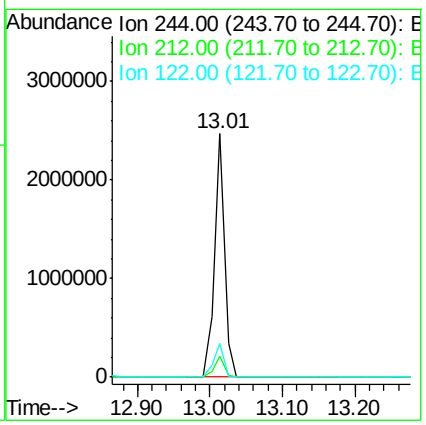
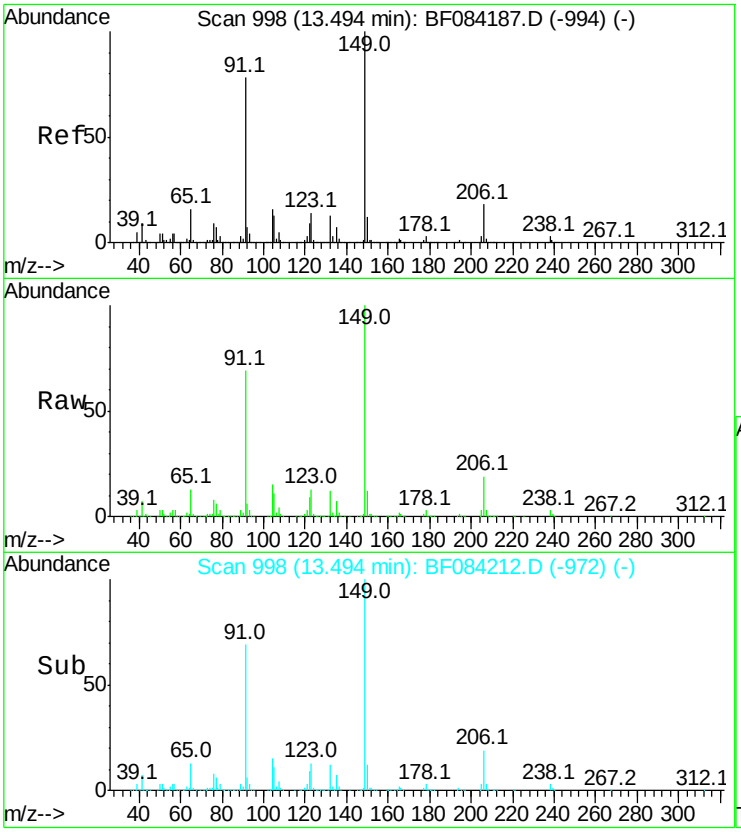


#78
Terphenyl-d14
Concen: 70.53 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:244 Resp: 2367094

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.7	8.5
122	13.9	7.4	11.0#

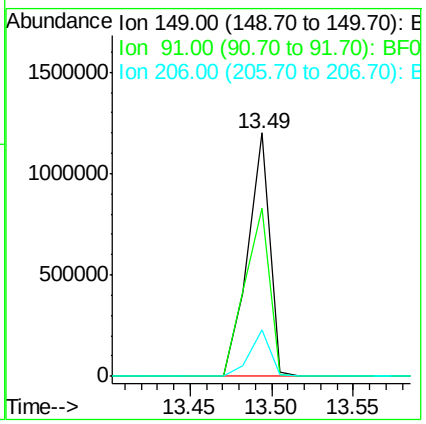




#79
Butylbenzylphthalate
Concen: 44.24 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:149 Resp: 1125426

Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.6	86.4
206	19.3	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
PB86817BS

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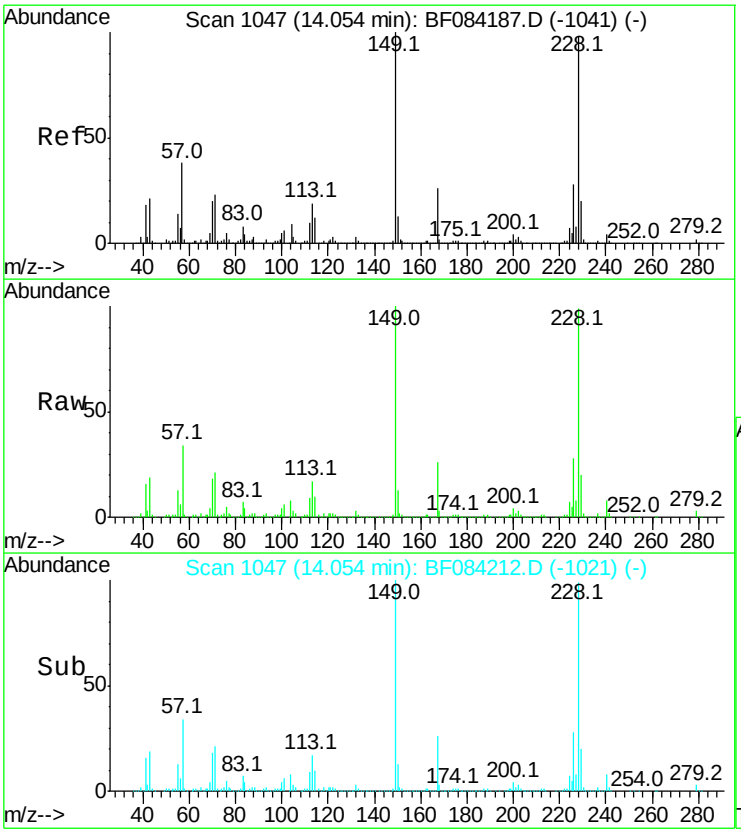
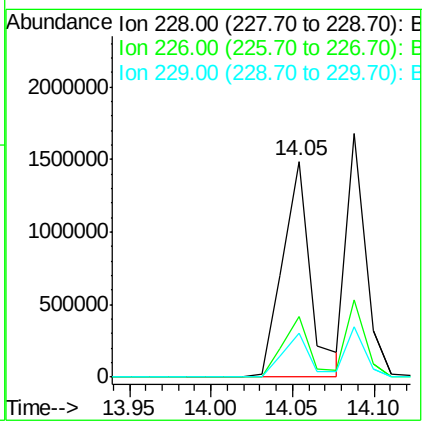
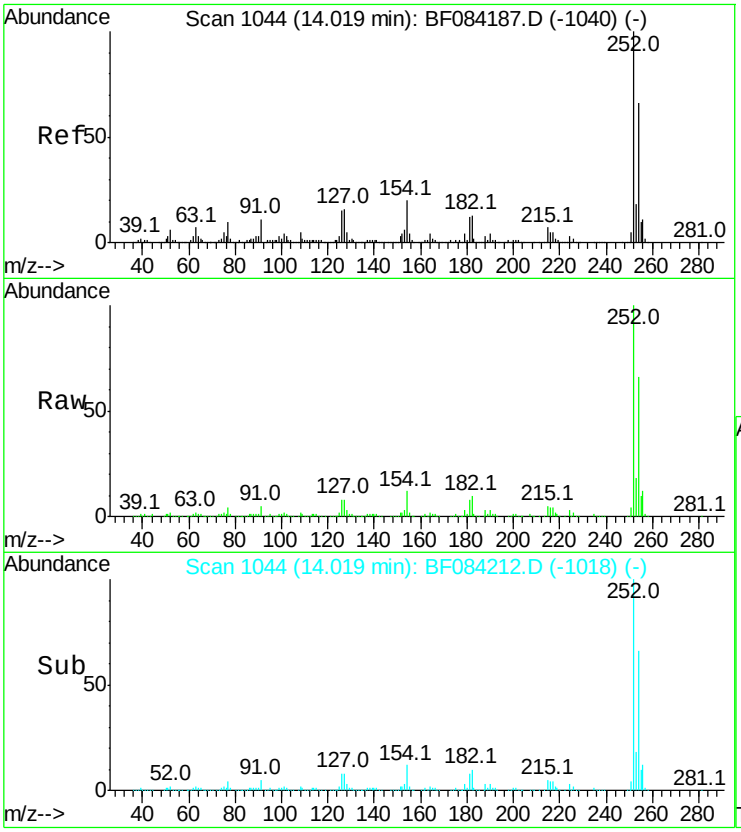


#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:228 Resp: 1781175

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.6
229	20.6	15.8	23.8

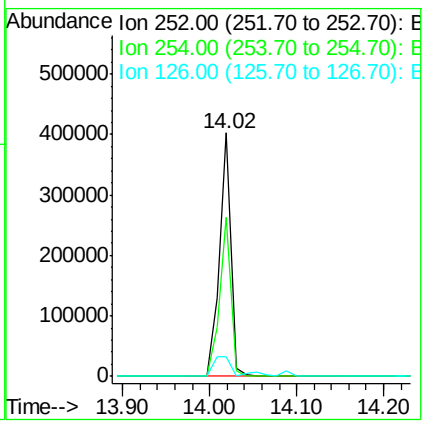




#81
3,3'-Dichlorobenzidine
Concen: 24.67 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:252 Resp: 378793

Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.5	80.3
126	8.0	4.9	7.3#



Instrument :
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ClientSampleId :
PB86817BS

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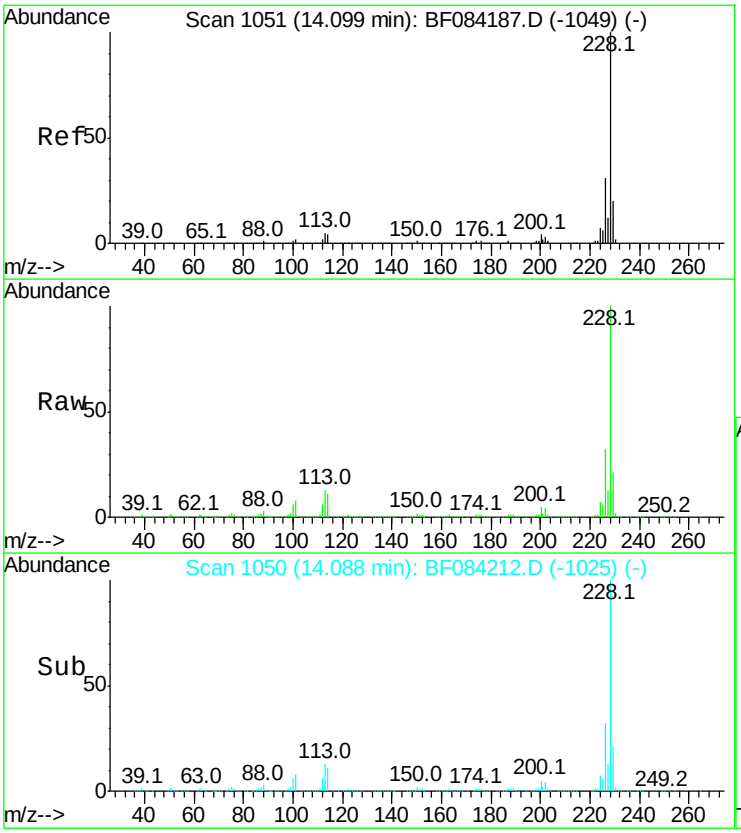
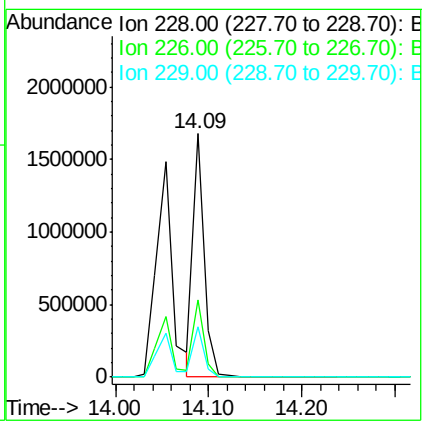
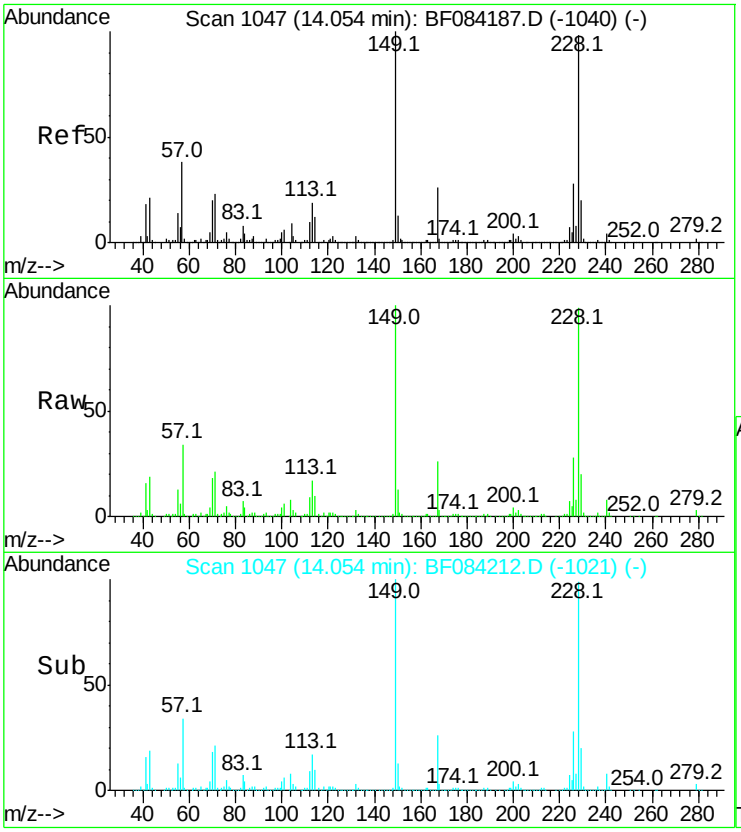


#82
Chrysene
Concen: 33.10 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:228 Resp: 1399354

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.3	36.5
229	20.9	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 40.70 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:149 Resp: 1308132

Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.7	29.5
279	2.8	1.8	2.6#

Instrument :
BNA_F
ClientSampleId :
PB86817BS

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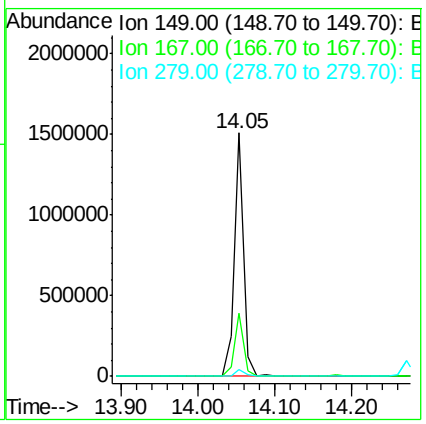
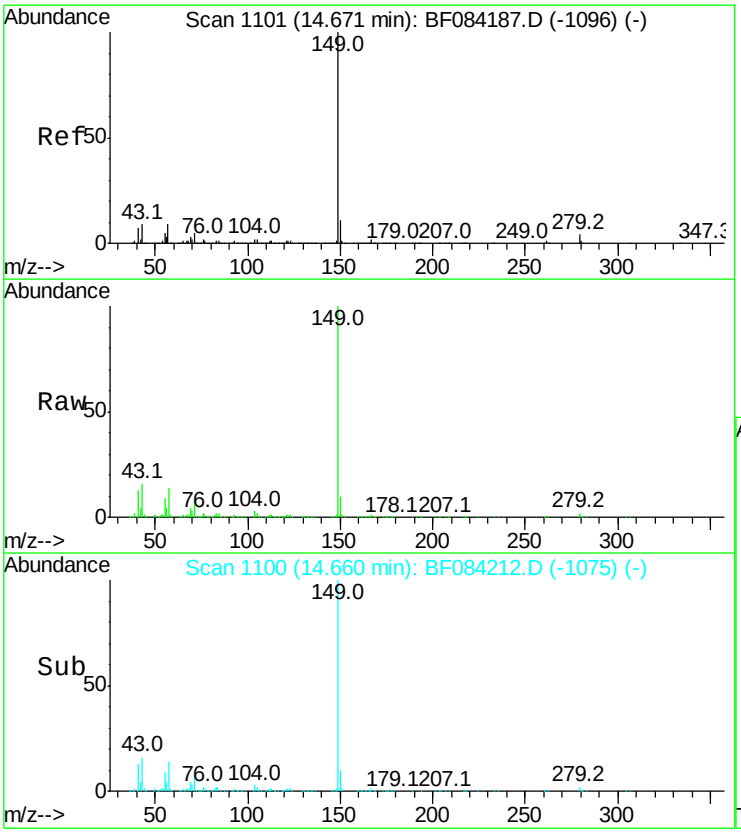
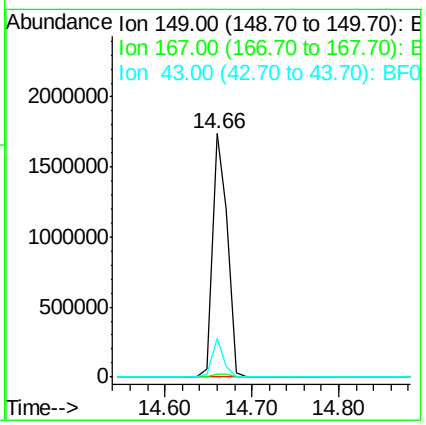


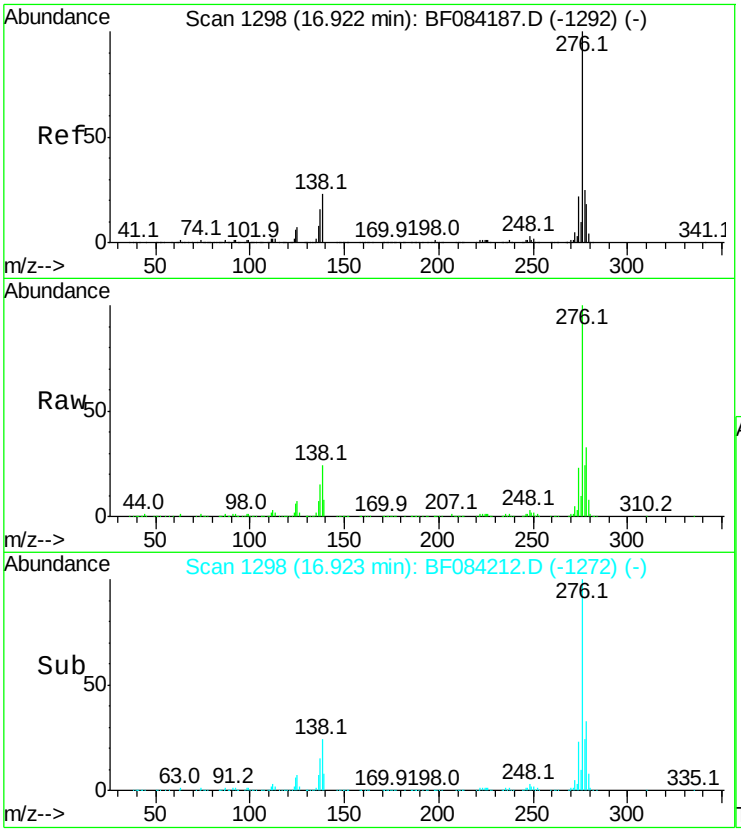


#84
Di-n-octyl phthalate
Concen: 38.46 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:149 Resp: 2087169

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.6	5.6	8.4#

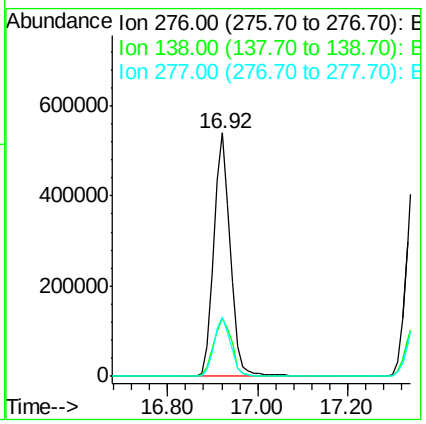




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.21 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:276 Resp: 1380825

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.6	30.8
277	24.7	20.1	30.1



Instrument :
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ClientSampleId :
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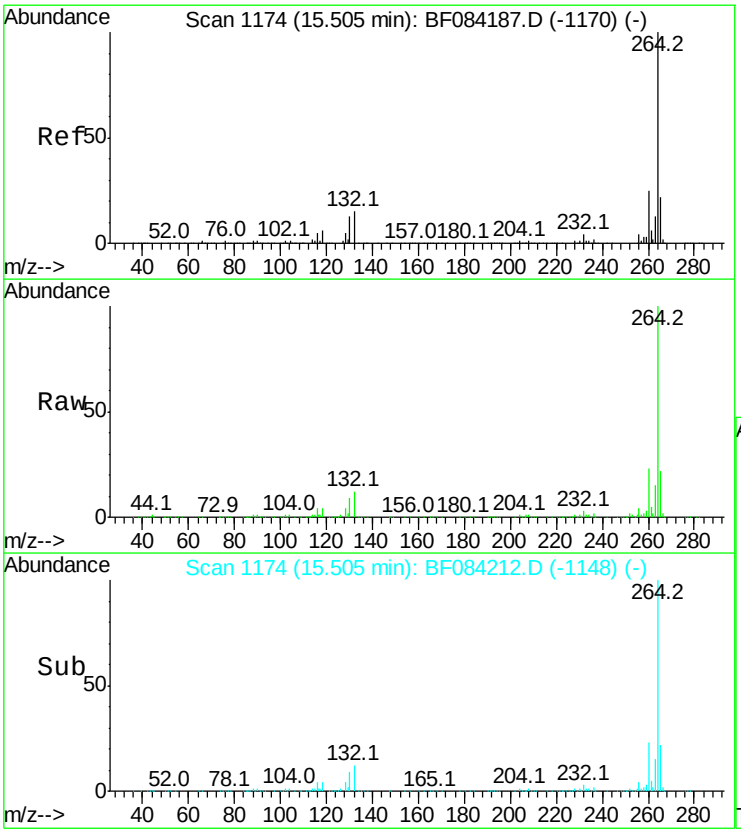
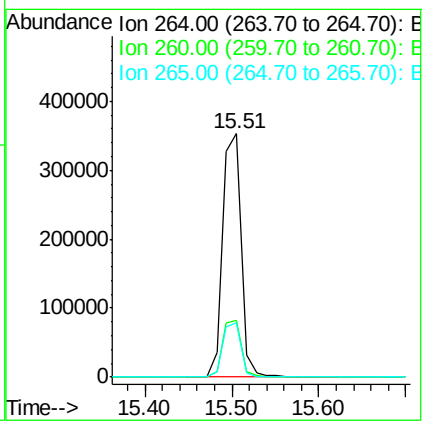
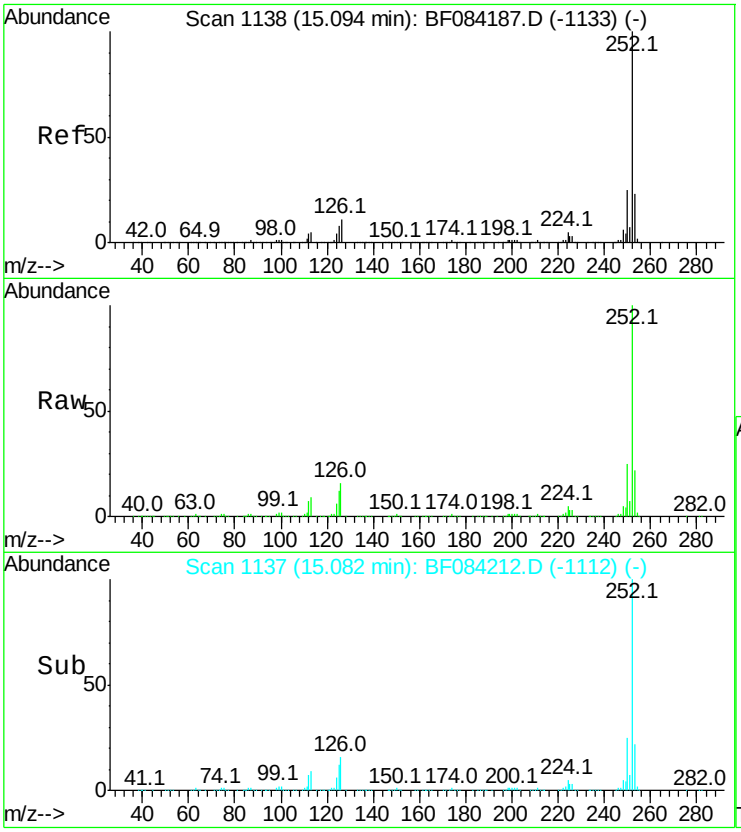


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:264 Resp: 526763

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.3	17.8	26.6

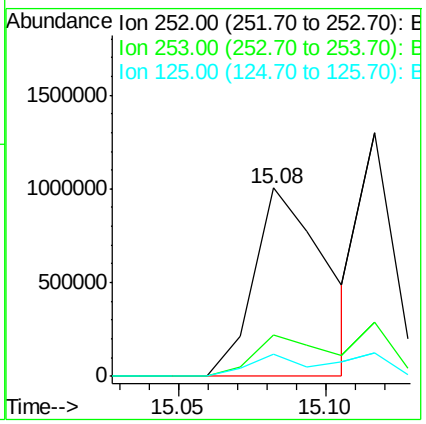




#87
Benzo(b)fluoranthene
Concen: 49.44 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:252 Resp: 1703658

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.7	6.5	9.7#



Instrument :
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ClientSampleId :
PB86817BS

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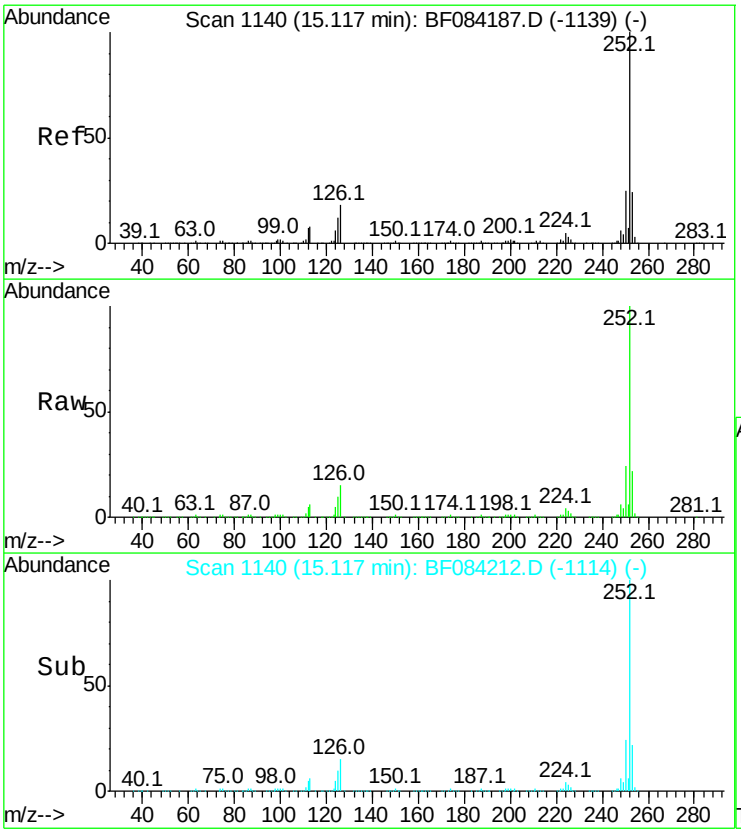
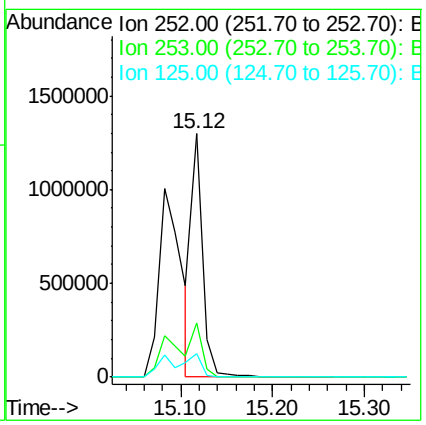
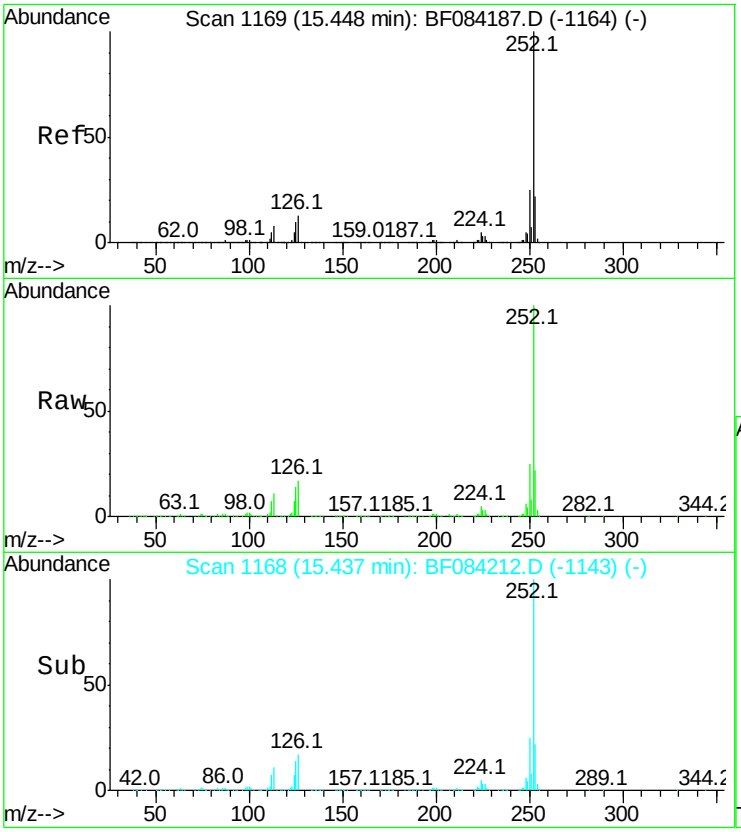


#88
Benzo(k)fluoranthene
Concen: 38.42 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:252 Resp: 1082760

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.8	9.0	13.6





#89
Benzo(a)pyrene
Concen: 44.28 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:252 Resp: 1294170

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	13.7	7.0	10.4#

Instrument :
BNA_F
ClientSampleId :
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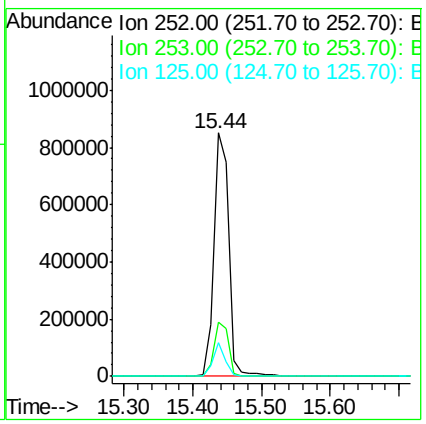
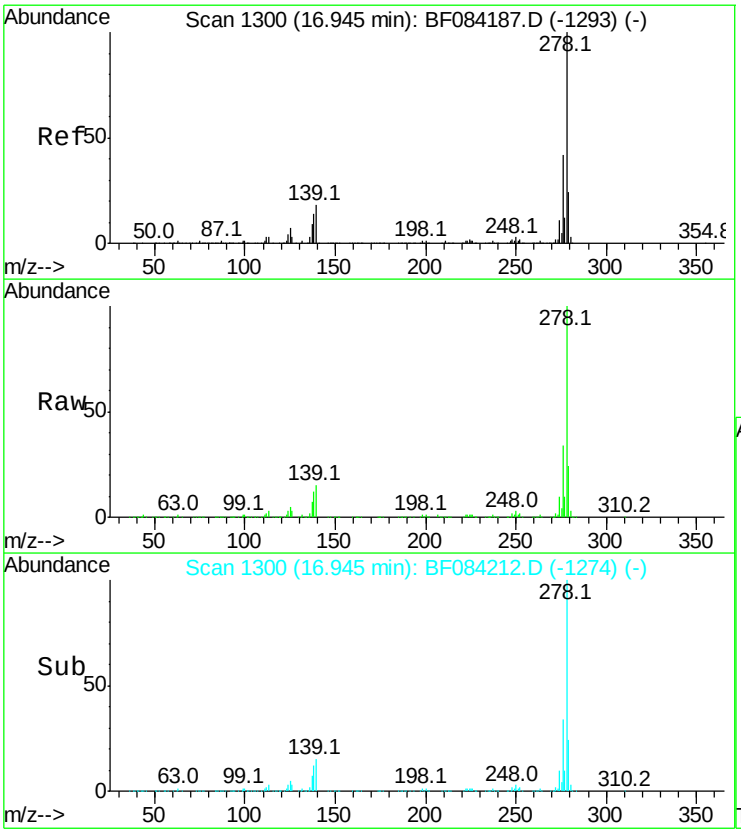
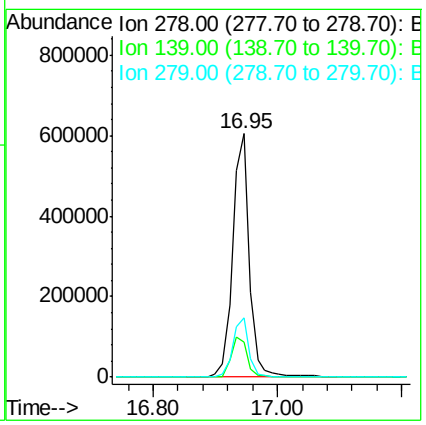


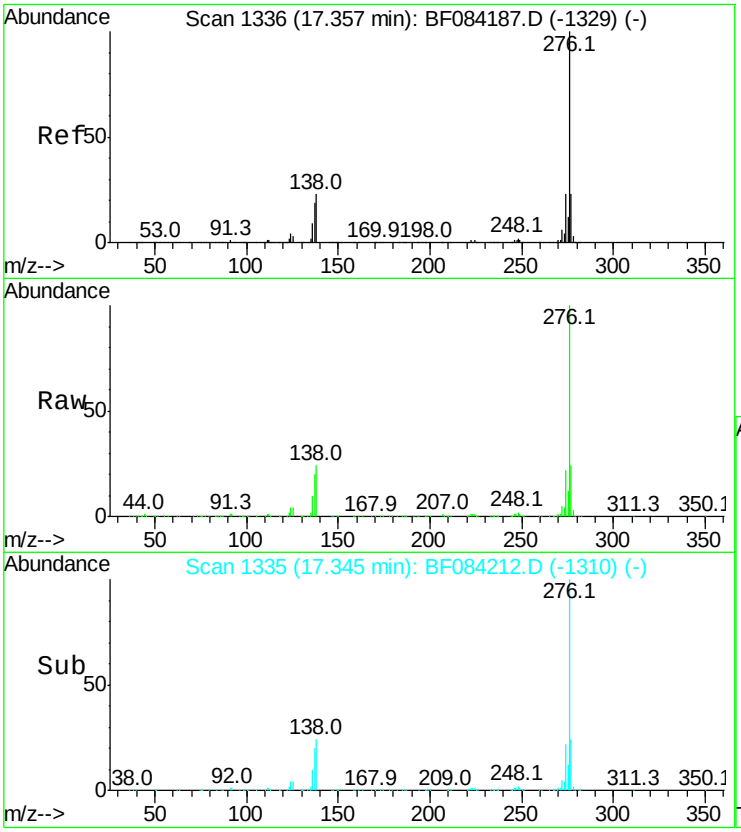


#90
Dibenzo(a,h)anthracene
Concen: 45.03 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:278 Resp: 1132480

Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.0	22.4#
279	24.5	18.9	28.3

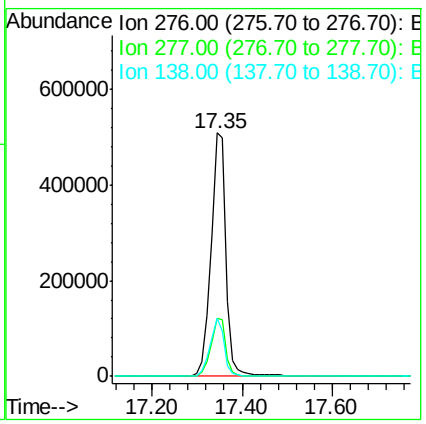




#91
Benzo(g,h,i)perylene
Concen: 44.98 ng
RT: 17.35 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF084212.D
Acq: 31 Dec 2015 23:17

Tgt Ion:276 Resp: 1171366

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	24.0	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
PB86817BS

Manual Integrations APPROVED
UMANGI
1/4/2016 4:29:46 PM