

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084211.D
 Acq On : 31 Dec 2015 22:49
 Operator : UM/SJ
 Sample : PB87590BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Manual Integrations
 APPROVED

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 1/4/2016 4:29:44 PM

Quant Time: Jan 02 00:13:30 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	287430	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1217353	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	545184	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	999951	20.00	ng	0.00
75) Chrysene-d12	14.07	240	734274	20.00	ng	0.00
86) Perylene-d12	15.51	264	535158	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1757620	98.91	ng	0.01
7) Phenol-d6	6.53	99	2428853	108.83	ng	0.00
23) Nitrobenzene-d5	7.47	82	1643674	75.15	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	631114	114.66	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2347675	75.01	ng	0.00
78) Terphenyl-d14	13.01	244	2212431	67.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	261832	31.10	ng	# 74
3) Pyridine	3.34	79	663352	28.26	ng	# 72
4) n-Nitrosodimethylamine	3.29	42	406615	33.75	ng	# 77
6) Aniline	6.56	93	724529	22.19	ng	# 81
8) 2-Chlorophenol	6.68	128	694822	34.46	ng	83
9) Benzaldehyde	6.44	77	255839	17.61	ng	94
10) Phenol	6.54	94	1058182	41.70	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	673889	34.28	ng	# 82
12) 1,3-Dichlorobenzene	6.84	146	747220m	35.93	ng	
13) 1,4-Dichlorobenzene	6.92	146	763512m	36.61	ng	
14) 1,2-Dichlorobenzene	7.07	146	666517	33.37	ng	97
15) Benzyl Alcohol	7.05	79	687918	36.64	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1233430	34.46	ng	84
17) 2-Methylphenol	7.15	107	581323	34.40	ng	94
18) Hexachloroethane	7.41	117	290648	34.85	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	555636	36.78	ng	# 77
20) 3+4-Methylphenols	7.31	107	763270	38.43	ng	# 81
22) Acetophenone	7.31	105	955688	32.65	ng	# 84
24) Nitrobenzene	7.48	77	725661	32.71	ng	94
25) Isophorone	7.72	82	1410167	33.71	ng	97
26) 2-Nitrophenol	7.80	139	374350	37.08	ng	# 85
27) 2,4-Dimethylphenol	7.84	122	691945	33.86	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	891719	34.90	ng	99
29) 2,4-Dichlorophenol	8.04	162	596197	35.02	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	639110	36.36	ng	# 94
31) Naphthalene	8.21	128	2101174	38.04	ng	99
32) Benzoic acid	7.95	122	424031	34.30	ng	90
33) 4-Chloroaniline	8.26	127	385901	15.24	ng	# 93
34) Hexachlorobutadiene	8.33	225	347072	34.35	ng	99
35) Caprolactam	8.62	113	210134m	36.62	ng	
36) 4-Chloro-3-methylphenol	8.74	107	708519	37.16	ng	95
37) 2-Methylnaphthalene	8.90	142	1305041	32.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	591431	37.74	ng	99
40) Hexachlorocyclopentadiene	9.06	237	702000	74.20	ng	98

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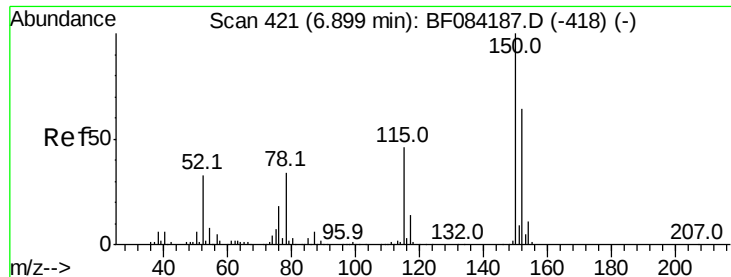
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Quant Time: Jan 02 00:13:30 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	414880	35.38	nq	96
43) 2,4,5-Trichlorophenol	9.22	196	437165	38.89	nq	# 91
45) 1,1'-Biphenyl	9.37	154	1686054	38.91	nq	100
46) 2-Chloronaphthalene	9.39	162	1244507	36.57	nq	94
47) 2-Nitroaniline	9.48	65	419403	37.34	nq	98
48) Acenaphthylene	9.80	152	1877709	37.34	nq	97
49) Dimethylphthalate	9.66	163	1410592	36.19	nq	# 89
50) 2,6-Dinitrotoluene	9.73	165	325262	38.05	nq	# 87
51) Acenaphthene	9.97	154	1365925	40.50	nq	98
52) 3-Nitroaniline	9.89	138	234808	22.17	nq	87
53) 2,4-Dinitrophenol	10.00	184	273661	75.37	nq	# 77
54) Dibenzofuran	10.16	168	1714764	38.85	nq	97
55) 4-Nitrophenol	10.05	139	570190	74.16	nq	# 81
56) 2,4-Dinitrotoluene	10.13	165	466520	43.12	nq	# 74
57) Fluorene	10.49	166	1232937	36.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	355251	37.02	nq	91
59) Diethylphthalate	10.37	149	1551751	40.38	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	647218	45.50	nq	99
61) 4-Nitroaniline	10.51	138	368998	39.08	nq	86
62) Azobenzene	10.65	77	1686339	40.01	nq	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	226994	37.19	nq	80
65) n-Nitrosodiphenylamine	10.60	169	1121242	35.07	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	413874	38.45	nq	98
67) Hexachlorobenzene	11.04	284	413647	34.15	nq	# 82
68) Atrazine	11.13	200	378131	36.14	nq	97
69) Pentachlorophenol	11.23	266	473505	75.39	nq	99
70) Phenanthrene	11.45	178	1971677	37.70	nq	97
71) Anthracene	11.50	178	2068072	40.33	nq	97
72) Carbazole	11.65	167	1640726	32.73	nq	98
73) Di-n-butylphthalate	12.00	149	2291621	42.37	nq	# 96
74) Fluoranthene	12.64	202	1909383	34.94	nq	98
76) Benzidine	12.76	184	506340	19.23	nq	98
77) Pyrene	12.86	202	1969477	34.18	nq	97
79) Butylbenzylphthalate	13.49	149	979006	39.26	nq	# 92
80) Benzo(a)anthracene	14.05	228	1453993	33.72	nq	98
81) 3,3'-Dichlorobenzidine	14.02	252	348708	23.17	nq	# 99
82) Chrysene	14.09	228	1374349	33.17	nq	97
83) Bis(2-ethylhexyl)phthalate	14.05	149	1129742	35.86	nq	98
84) Di-n-octyl phthalate	14.66	149	1800658	33.86	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1251803	38.12	nq	99
87) Benzo(b)fluoranthene	15.08	252	1509881m	43.13	nq	
88) Benzo(k)fluoranthene	15.12	252	886352m	30.96	nq	
89) Benzo(a)pyrene	15.44	252	1148260	38.67	nq	# 95
90) Dibenzo(a,h)anthracene	16.95	278	1036071	40.55	nq	# 95
91) Benzo(g,h,i)perylene	17.35	276	1056193	39.92	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

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ClientSampleId :

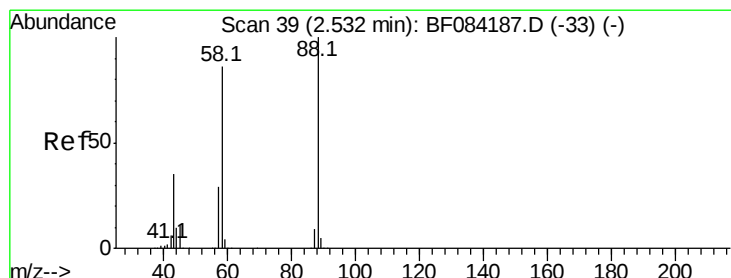
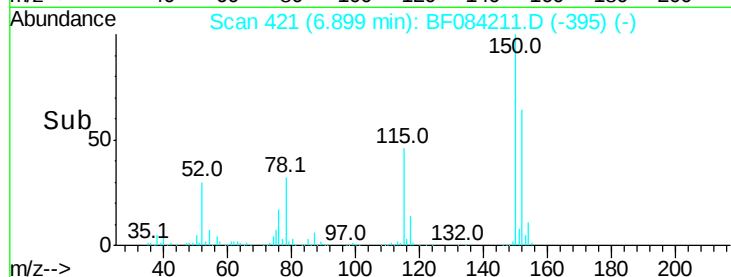
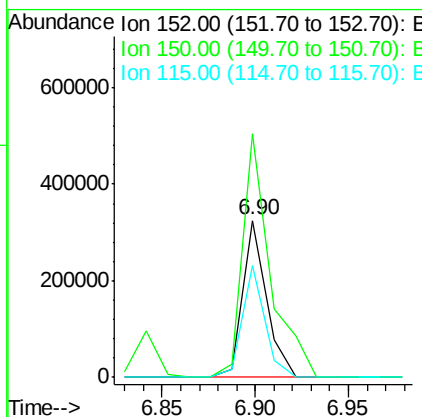
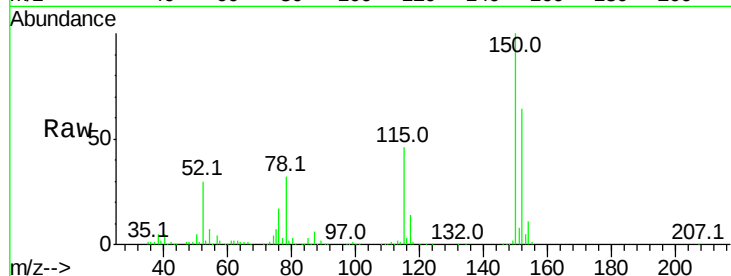
PB87590BS

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Tot Ion:	152	Resp:	287430
Ion Ratio	Lower	Upper	
152	100		
150	155.2	123.0	184.4
115	71.4	51.4	77.2



#2

1,4-Dioxane

Concen: 31.10 ng

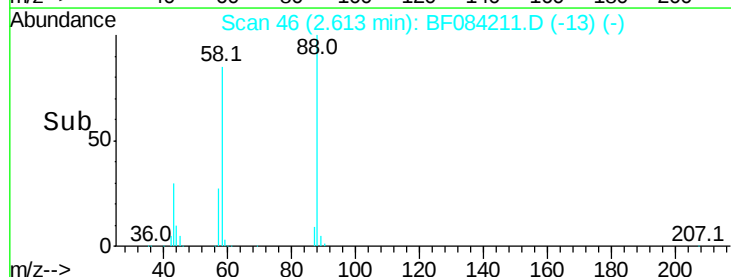
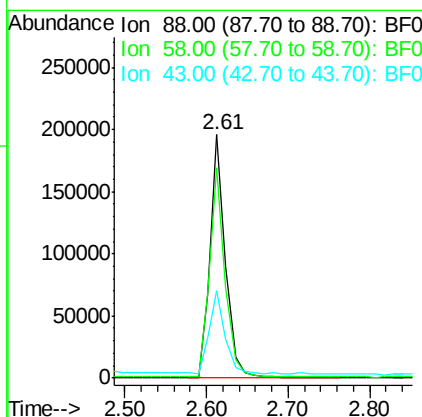
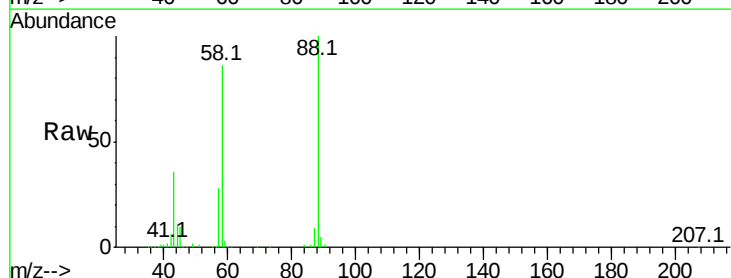
RT: 2.61 min Scan# 46

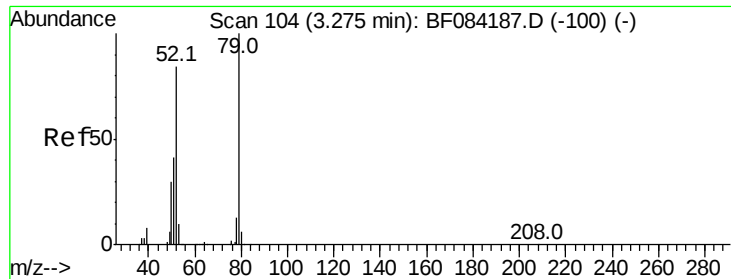
Delta R.T. 0.08 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	88	Resp:	261832
Ion Ratio	Lower	Upper	
88	100		
58	85.6	51.2	76.8#
43	35.1	19.5	29.3#





#3

Pvridine

Concen: 28.26 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

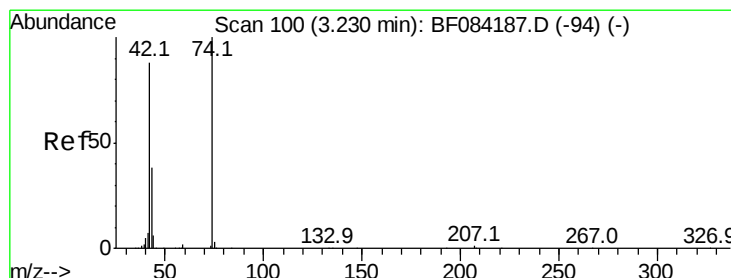
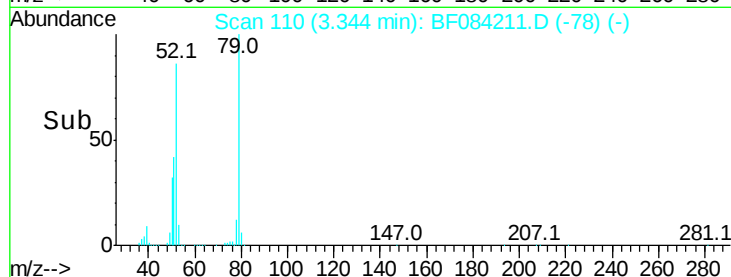
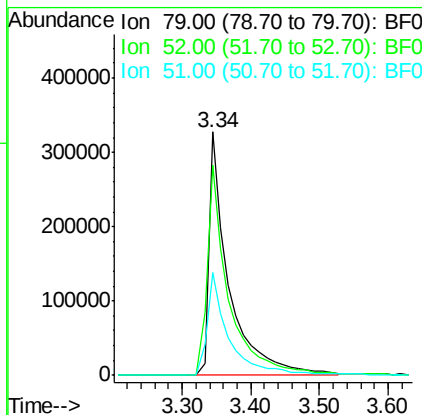
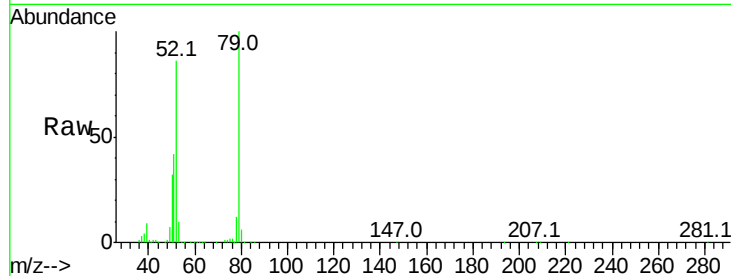
PB87590BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
79	100		
52	86.3	49.0	73.4#
51	42.2	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 33.75 ng

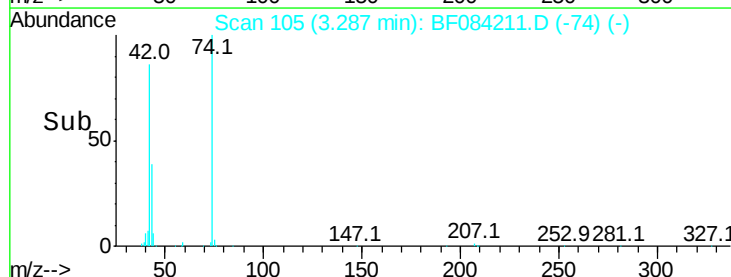
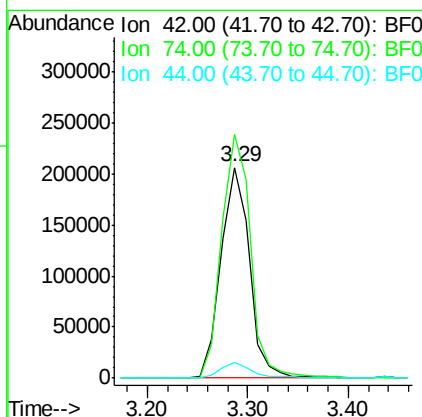
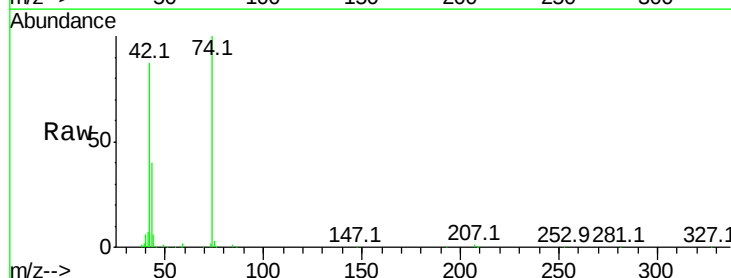
RT: 3.29 min Scan# 105

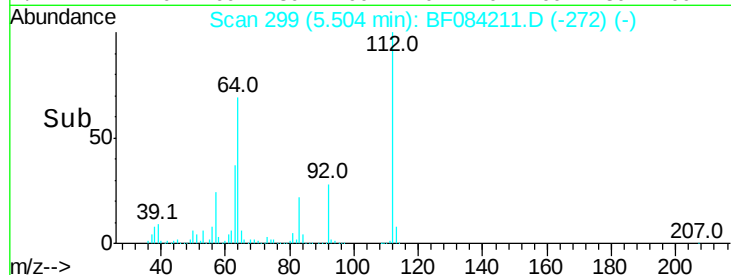
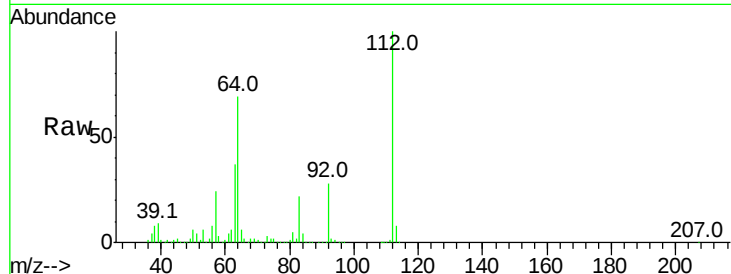
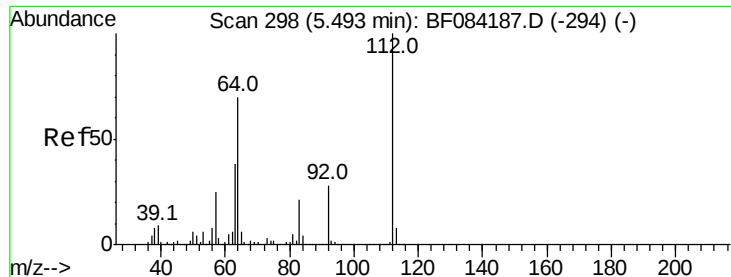
Delta R.T. 0.06 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.5	115.7	173.5#
44	7.3	5.1	7.7





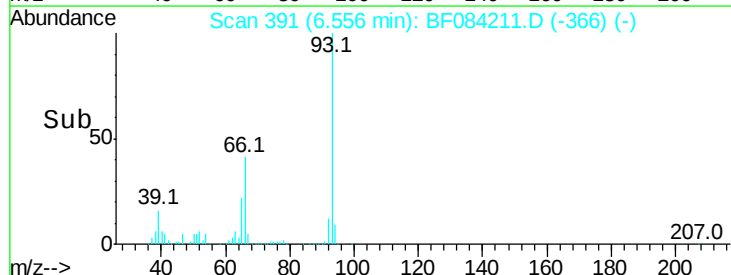
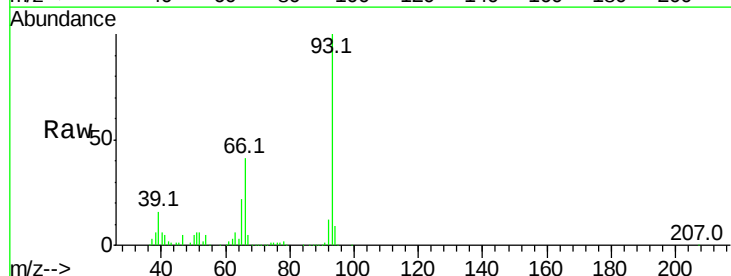
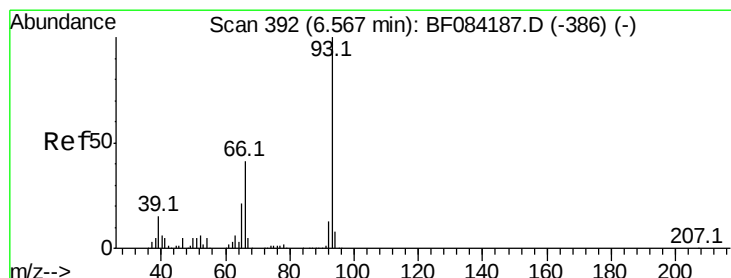
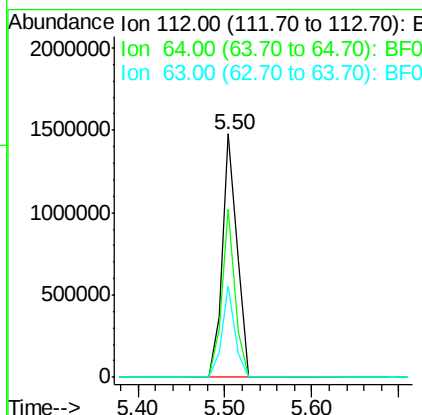
#5
2-Fluorophenol
Concen: 98.91 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tot Ion: 112 Resp: 1757620
Ion Ratio Lower Upper
112 100
64 69.2 36.6 55.0#
63 37.3 19.4 29.0#

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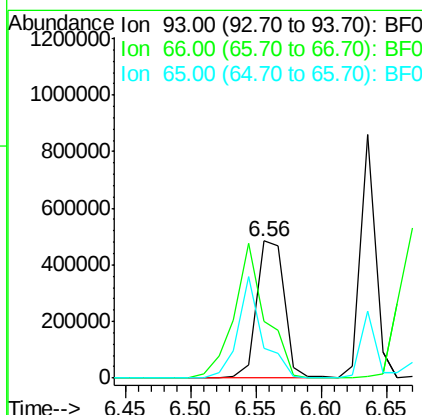
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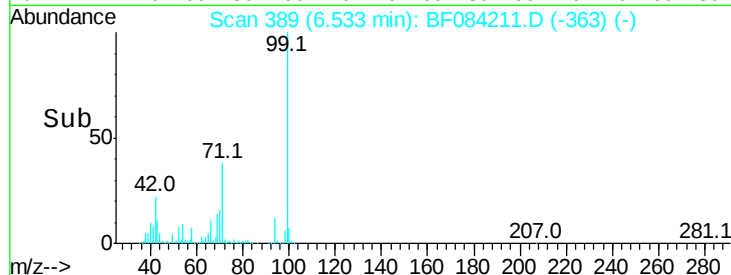
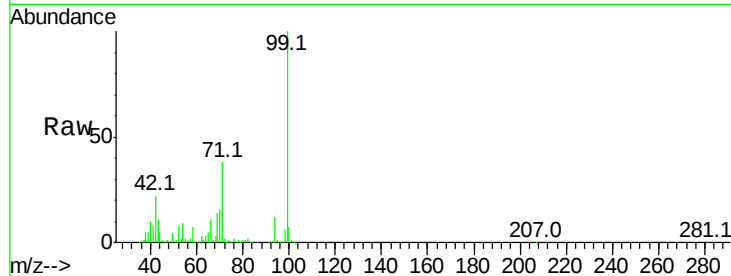
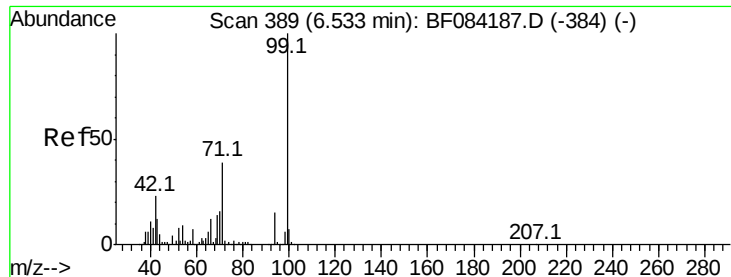
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#6
Aniline
Concen: 22.19 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion: 93 Resp: 724529
Ion Ratio Lower Upper
93 100
66 41.1 44.9 67.3#
65 21.5 23.7 35.5#





#7

Phenol-d6

Concen: 108.83 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tot Ion:	99	Resp:	2428853
Ion	Ratio	Lower	Upper
99	100		
42	22.1	12.8	19.2#
71	37.5	30.9	46.3

Instrument :

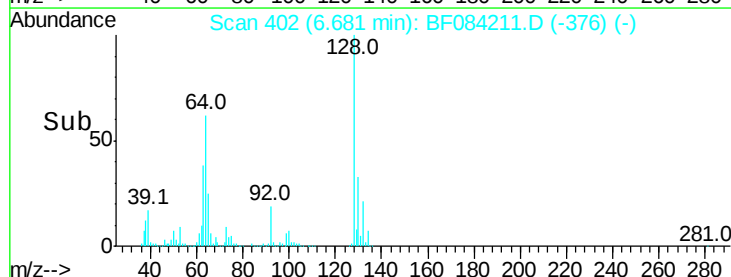
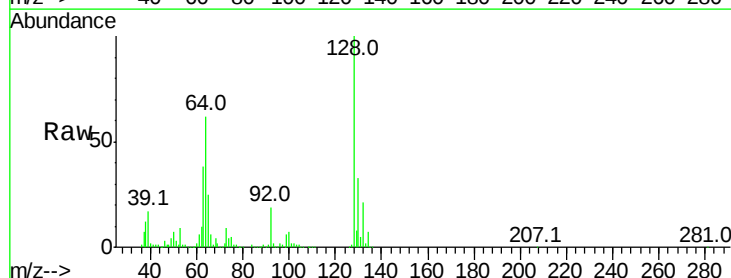
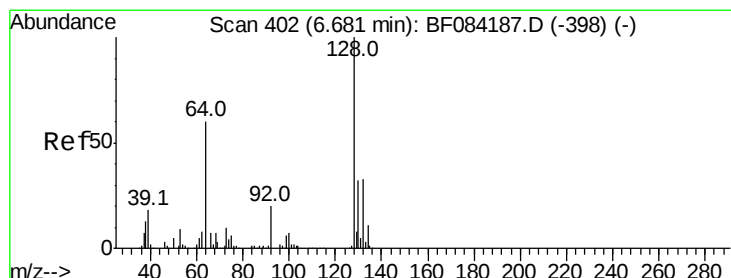
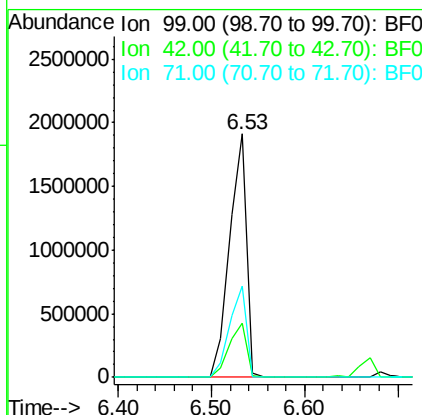
BNA_F

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#8

2-Chlorophenol

Concen: 34.46 ng

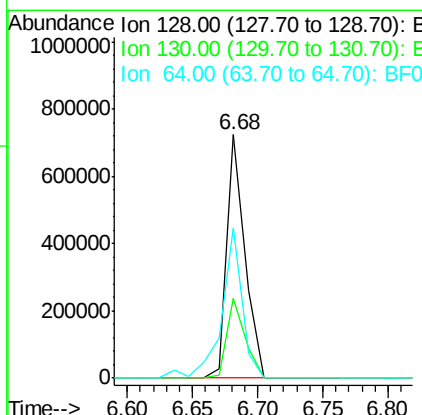
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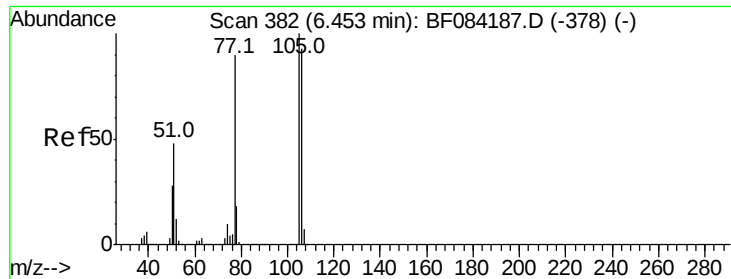
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	128	Resp:	694822
Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.6	51.6
64	61.8	23.8	63.8





#9

Benzaldehyde

Concen: 17.61 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

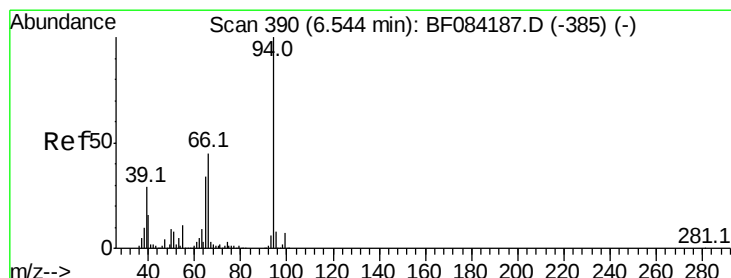
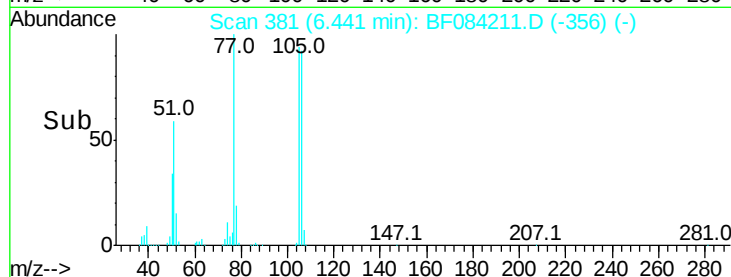
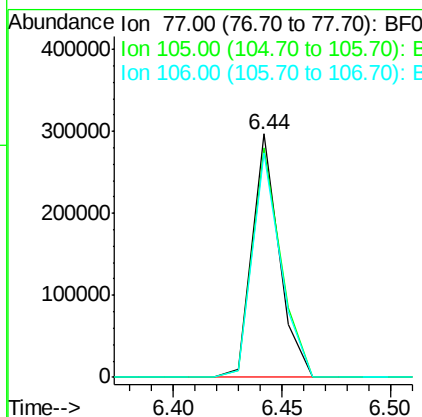
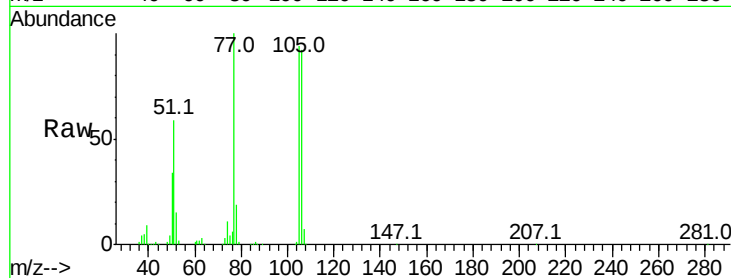
PB87590BS

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1/4/2016 4:29:44 PM

Tot Ion:	77	Resp:	255839
Ion	Ratio	Lower	Upper
77	100		
105	94.3	83.0	123.0
106	92.2	74.6	114.6



#10

Phenol

Concen: 41.70 ng

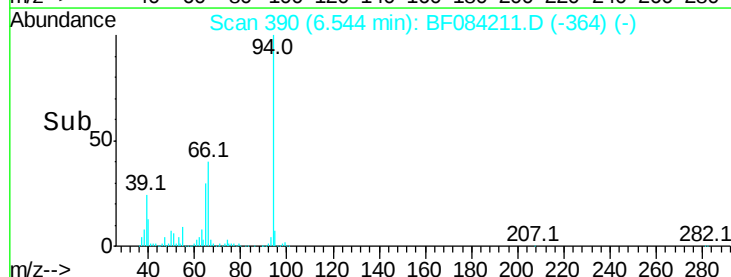
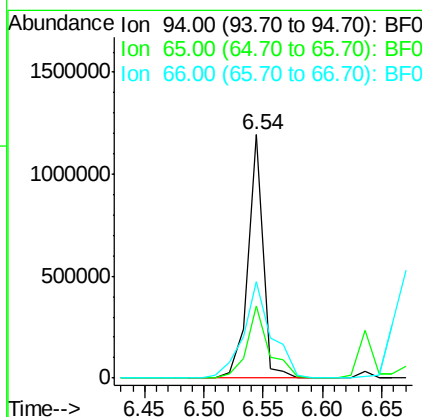
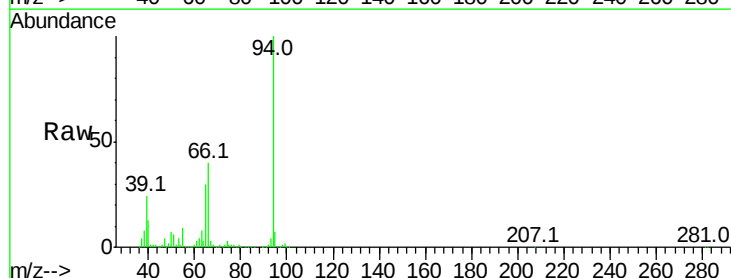
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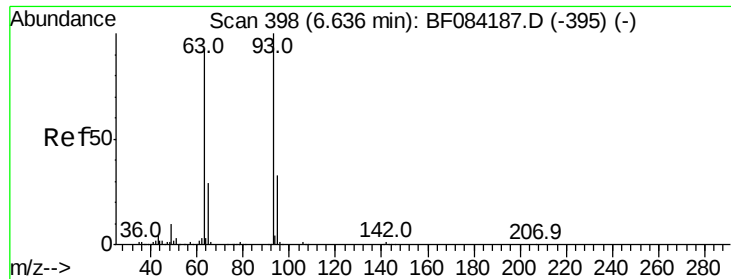
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	94	Resp:	1058182
Ion	Ratio	Lower	Upper
94	100		
65	29.9	12.9	52.9
66	39.7	32.7	72.7





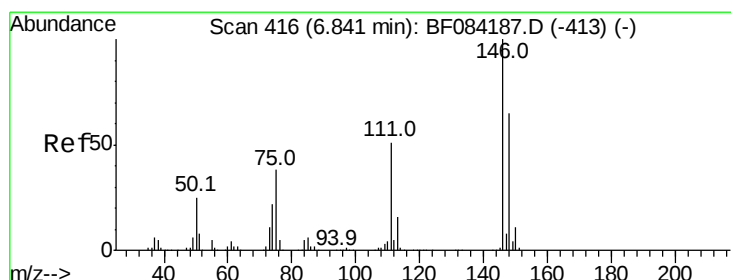
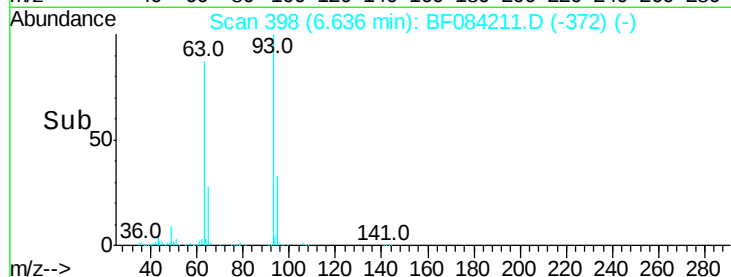
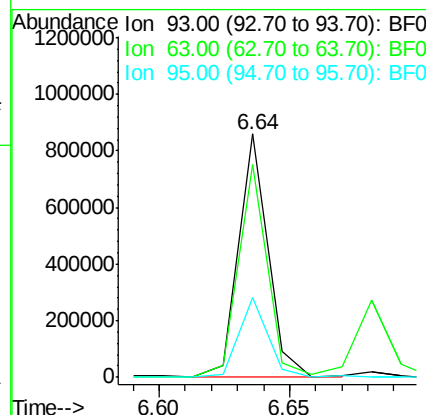
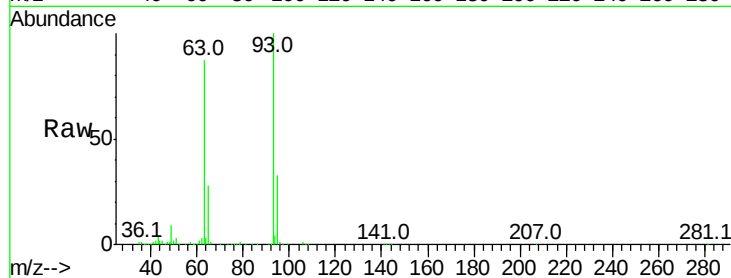
#11
bis(2-Chloroethyl)ether
Concen: 34.28 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	673889		
63	87.3	45.9	85.9#	
95	32.9	12.3	52.3	

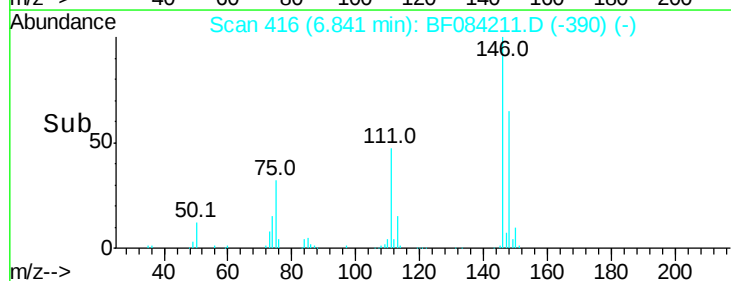
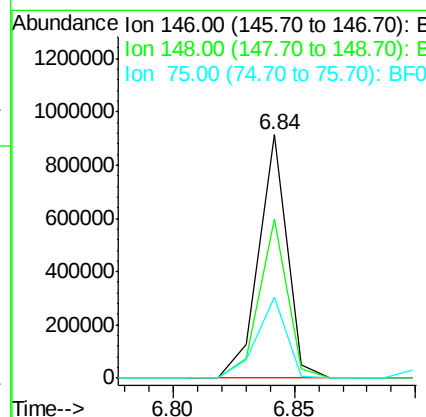
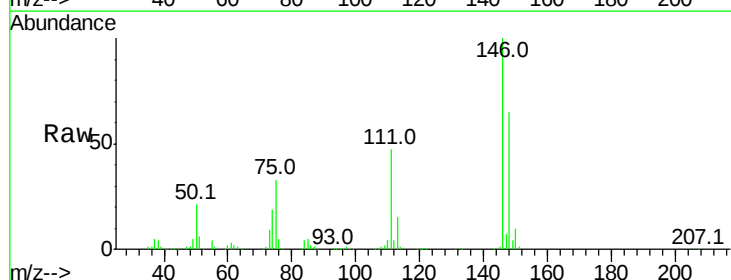
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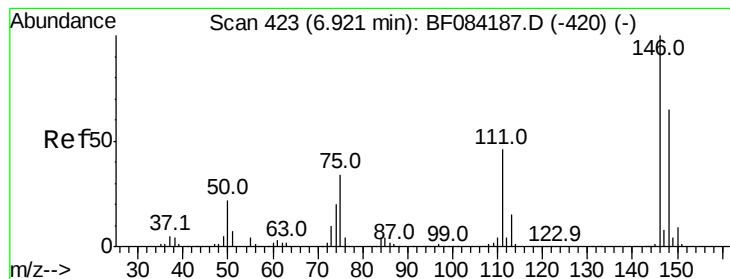
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#12
1,3-Dichlorobenzene
Concen: 35.93 ng m
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	747220		
148	65.2	51.9	77.9	
75	33.5	20.5	30.7#	





#13

1,4-Dichlorobenzene

Concen: 36.61 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

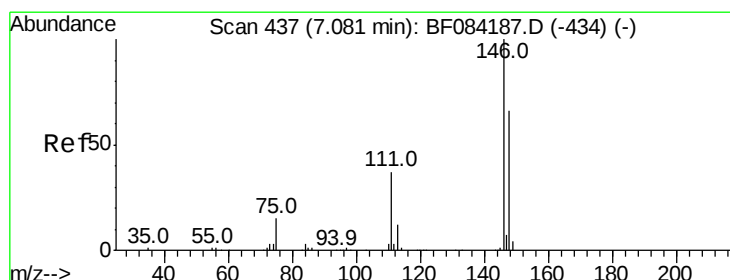
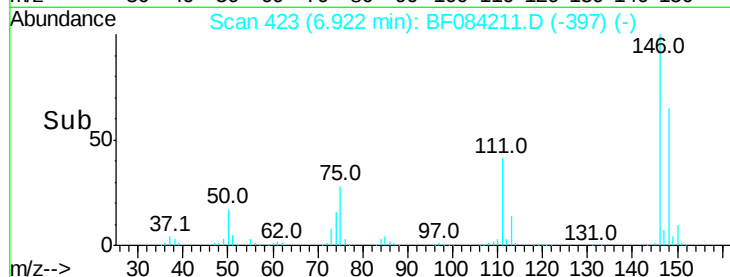
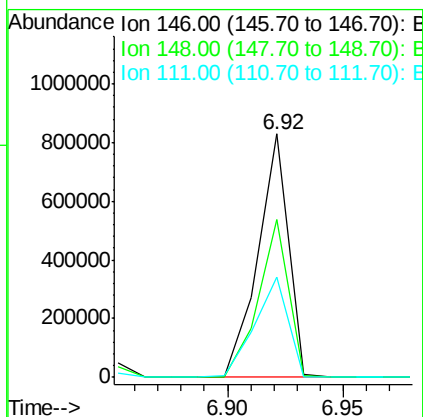
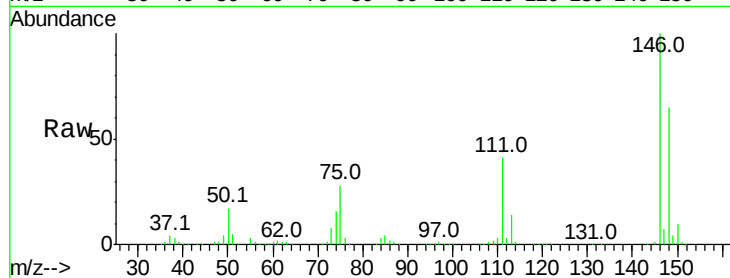
ClientSampleId :

PB87590BS

Tot Ion:	146	Resp:	763512
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
111	41.3	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 33.37 ng

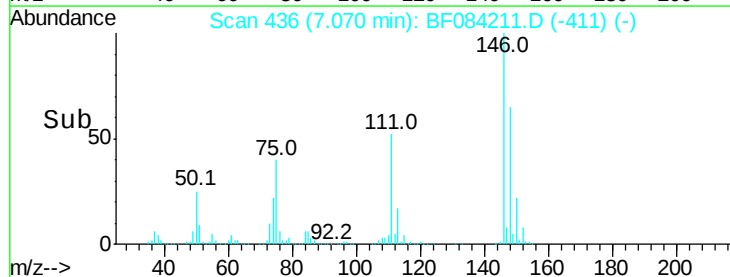
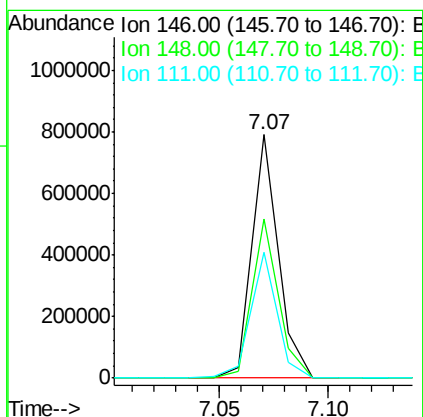
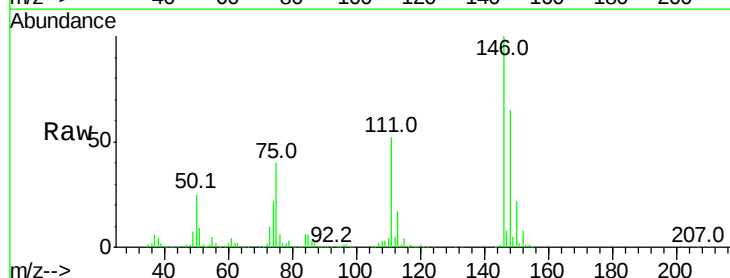
RT: 7.07 min Scan# 436

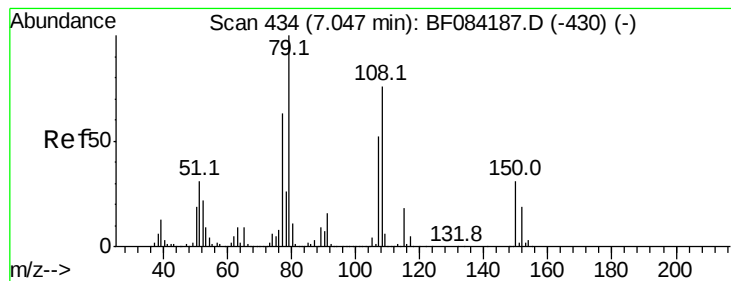
Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	146	Resp:	666517
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.6	77.4
111	51.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 36.64 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

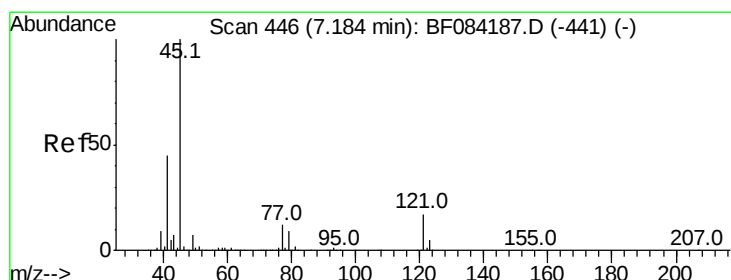
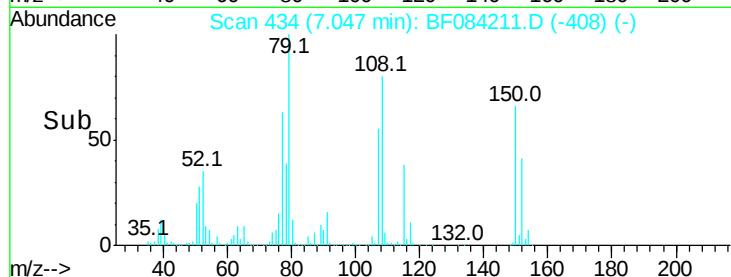
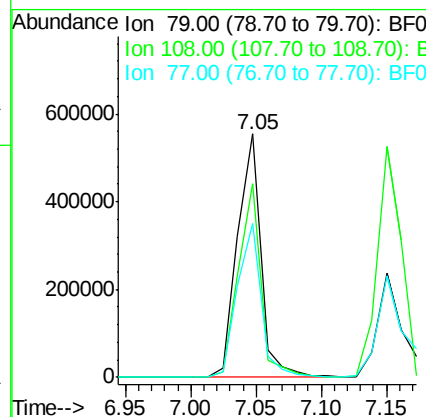
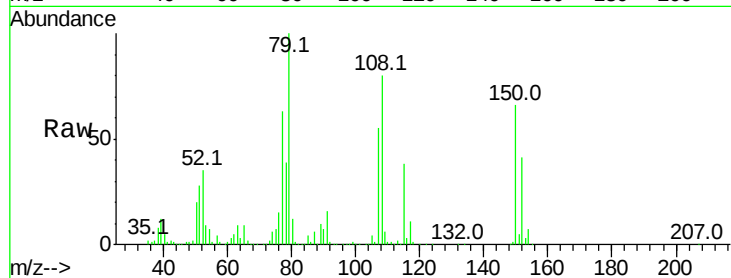
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Tot Ion:	79	Resp:	687918
Ion Ratio	Lower	Upper	
79	100		
108	79.6	69.0	103.4
77	63.3	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.46 ng

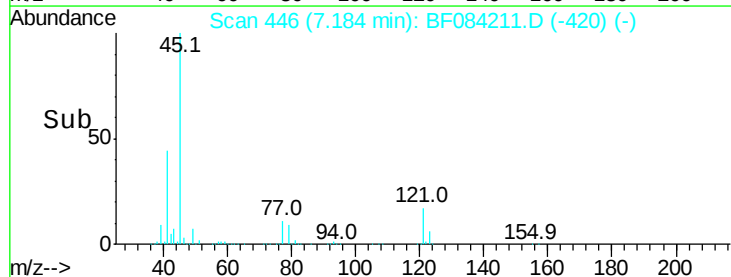
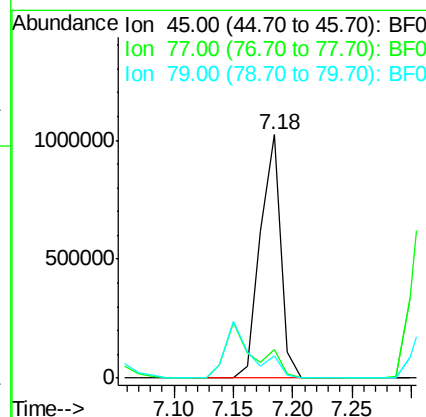
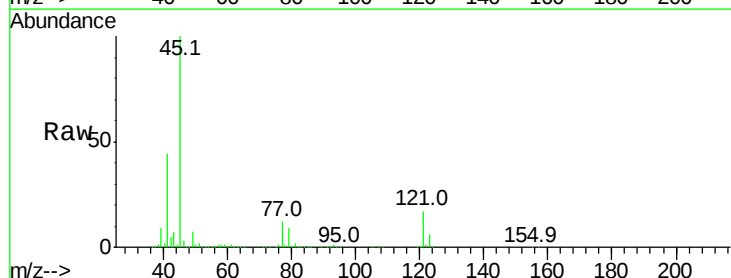
RT: 7.18 min Scan# 446

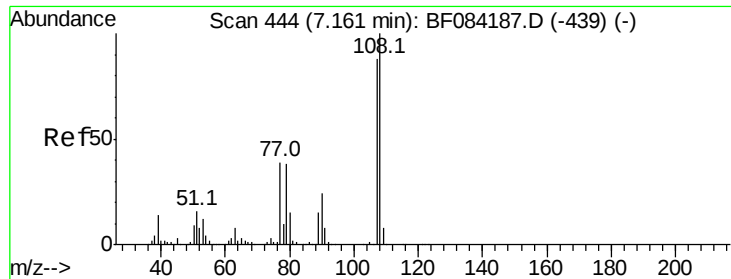
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	45	Resp:	1233430
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	39.6
79	9.3	0.0	35.0





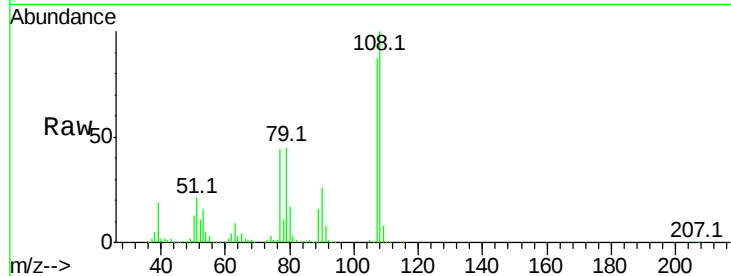
#17
2-Methylphenol
Concen: 34.40 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

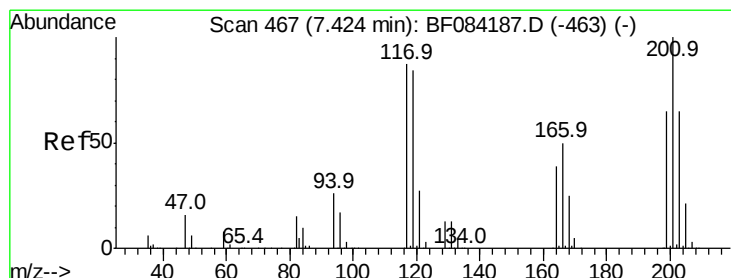
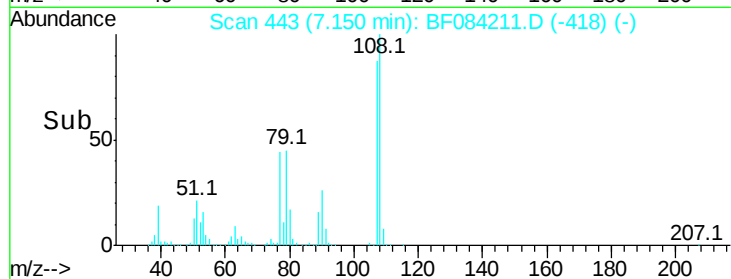
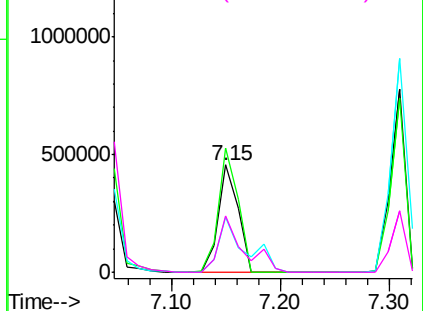
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	89.8	134.6	
77	50.8	35.7	53.5	
79	52.1	35.7	53.5	

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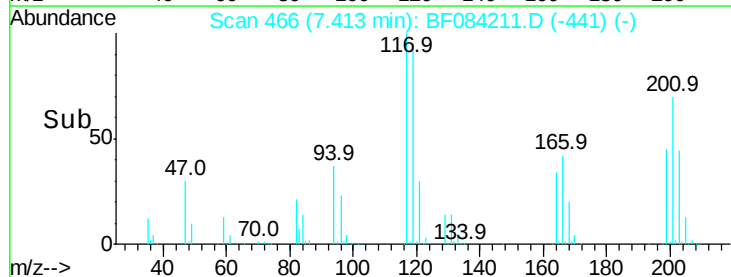
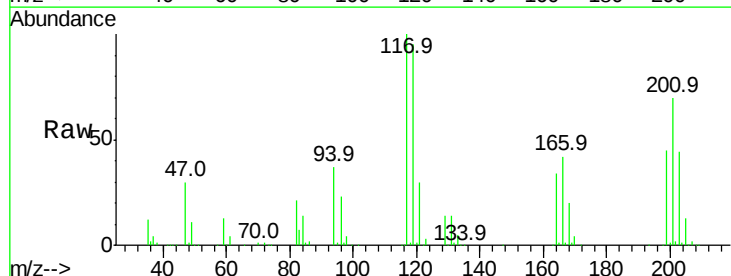
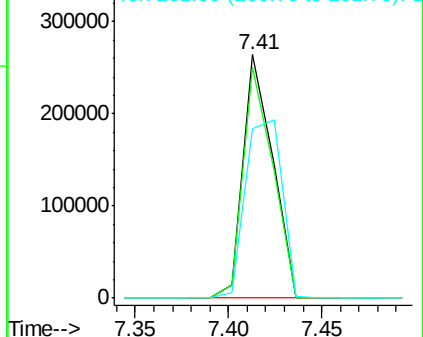
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

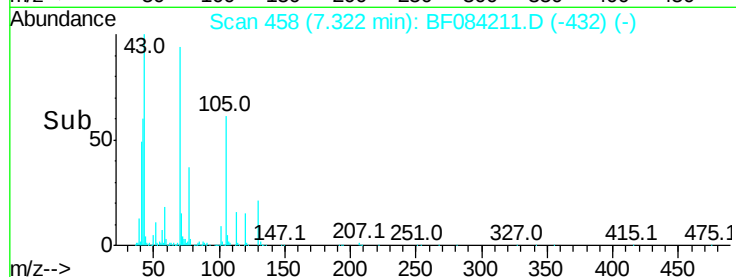
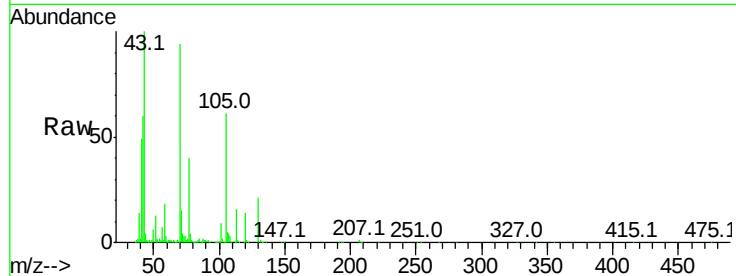
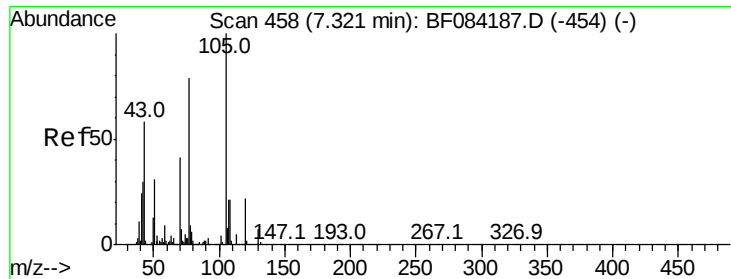


#18
Hexachloroethane
Concen: 34.85 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.0	
201	69.8	68.6	103.0	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





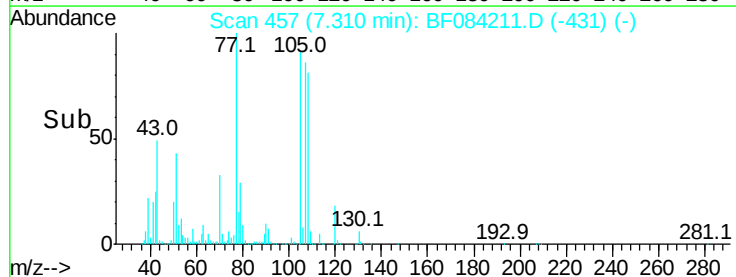
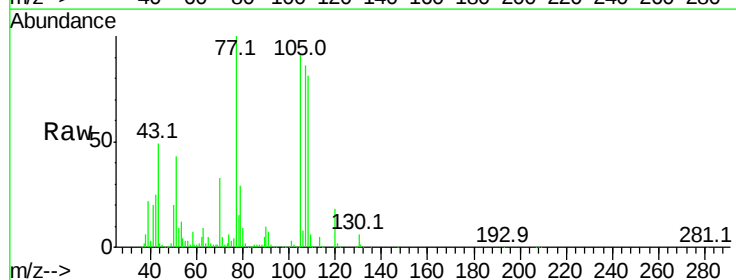
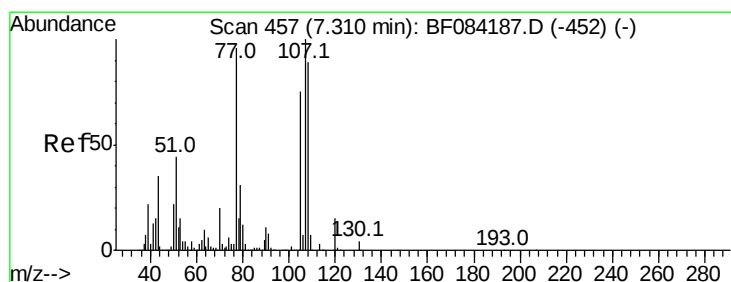
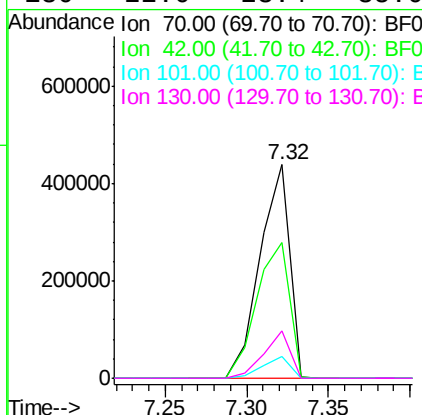
#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

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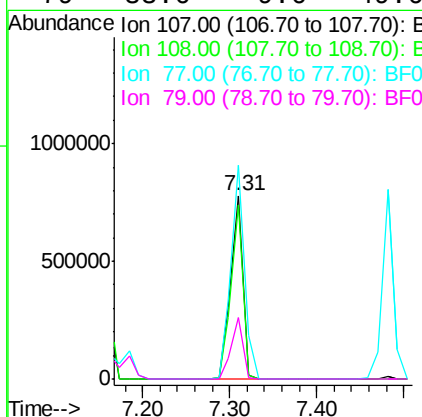
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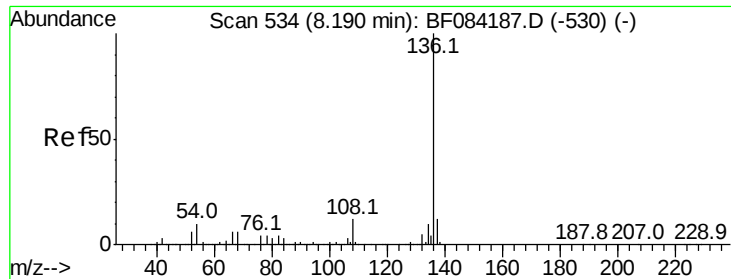
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.5	33.3	49.9#	
101	10.1	9.3	13.9	
130	22.0	23.4	35.0#	



#20
3+4-Methylphenols
Concen: 38.43 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.8	64.1	104.1	
77	116.4	128.9	168.9#	
79	33.6	9.6	49.6	





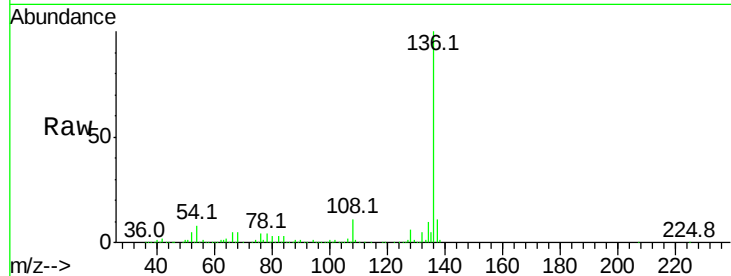
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

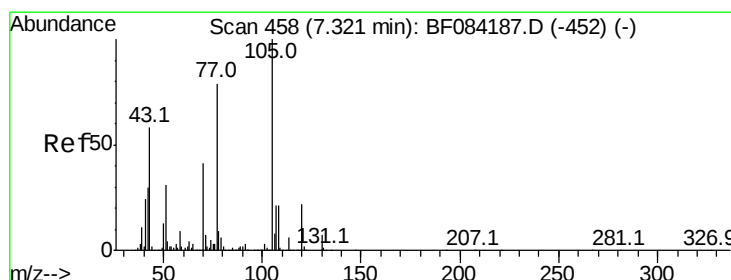
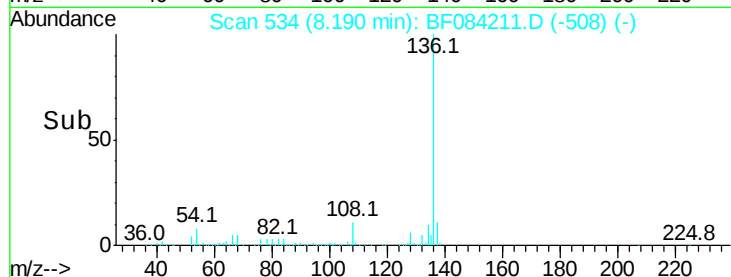
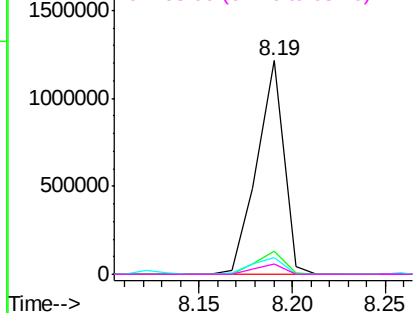
Tot Ion	Ratio	Resp	Lower	Upper
136	100	1217353		
137	11.1		8.7	13.1
54	8.1		5.8	8.8
68	4.8		4.2	6.2

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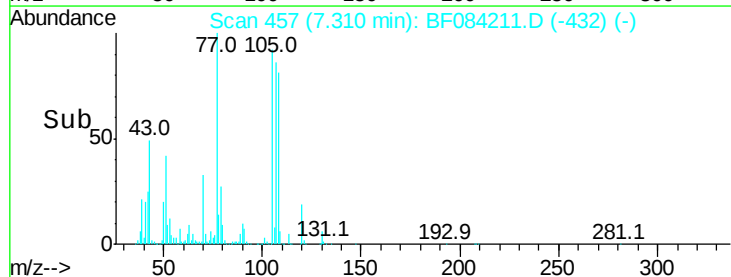
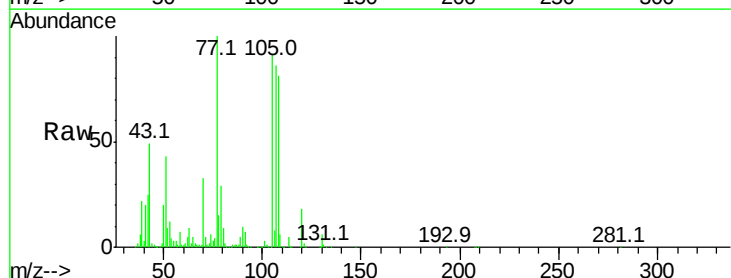
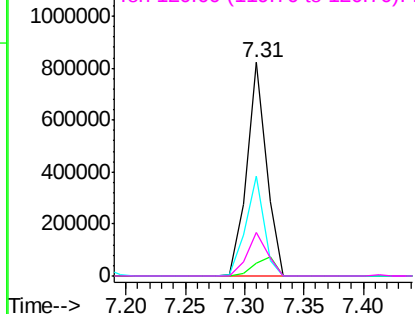
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

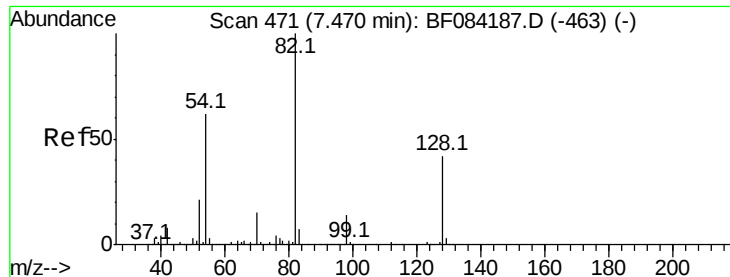


#22
Acetophenone
Concen: 32.65 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	955688		
71	5.8		3.7	5.5#
51	47.0		25.1	37.7#
120	20.3		16.6	25.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





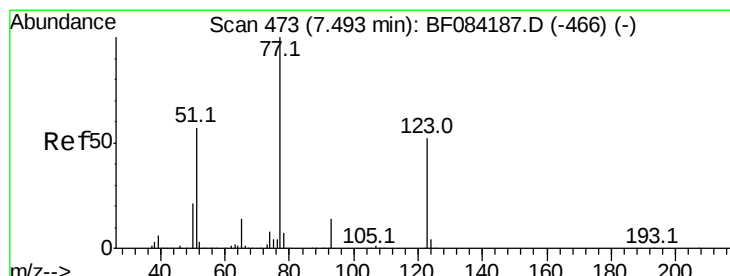
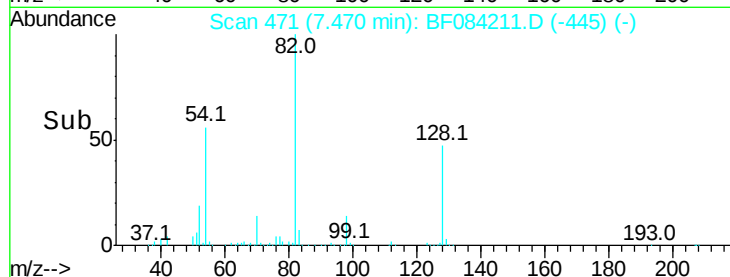
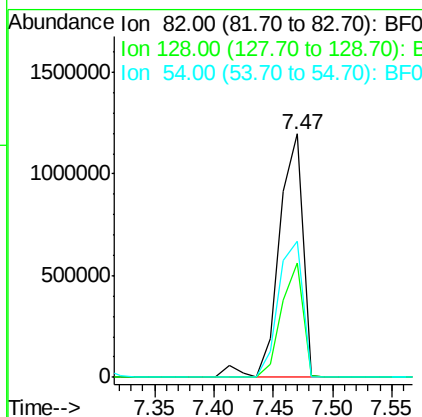
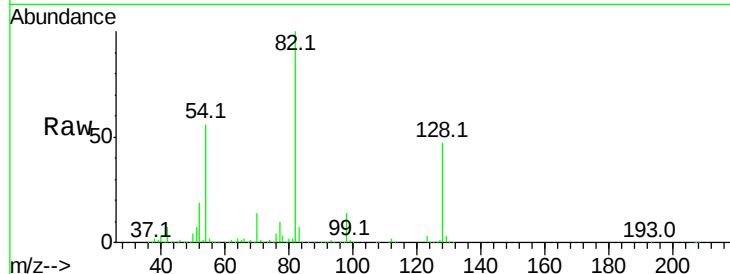
#23
Nitrobenzene-d5
Concen: 75.15 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	82	Resp	1643674
Ion Ratio	100	Lower	Upper
128	47.2	34.6	51.8
54	55.7	38.4	57.6

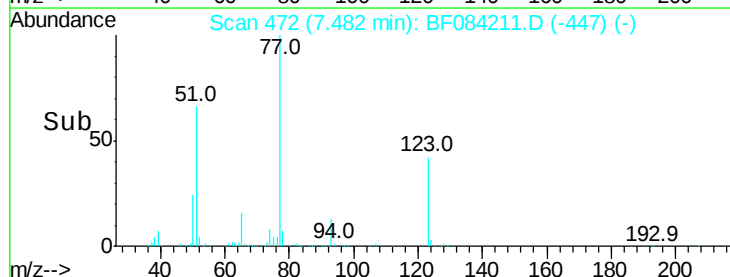
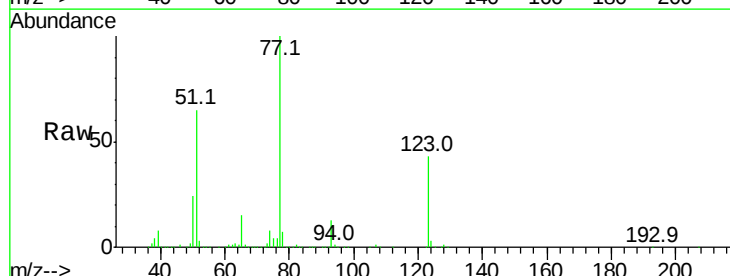
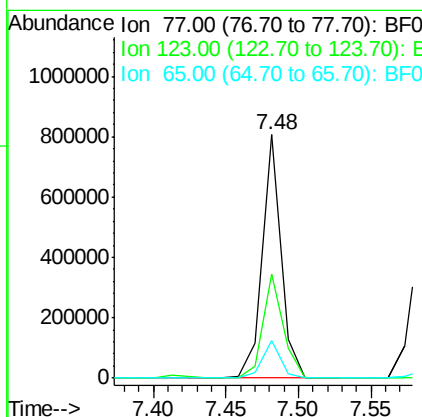
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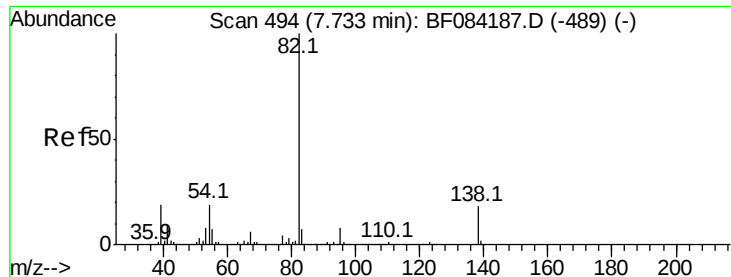
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#24
Nitrobenzene
Concen: 32.71 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	77	Resp	725661
Ion Ratio	100	Lower	Upper
123	42.8	37.4	56.2
65	15.2	10.9	16.3





#25

Isophorone

Concen: 33.71 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion: 82 Resp: 1410167

Ion Ratio Lower Upper

82 100

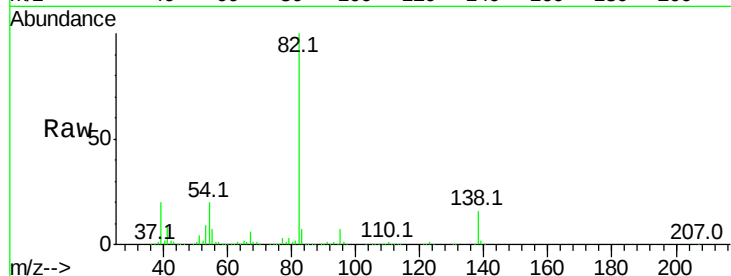
95 7.3 6.6 10.0

138 15.9 13.6 20.4

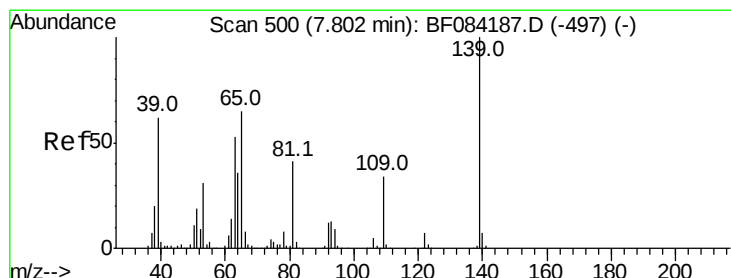
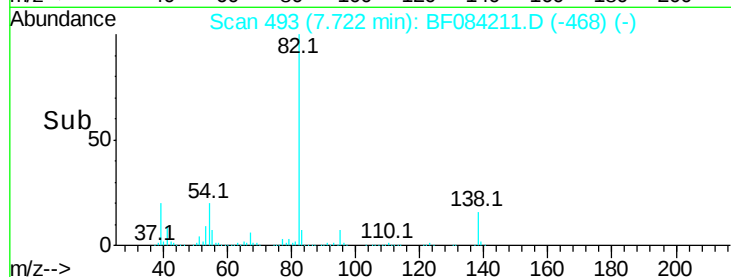
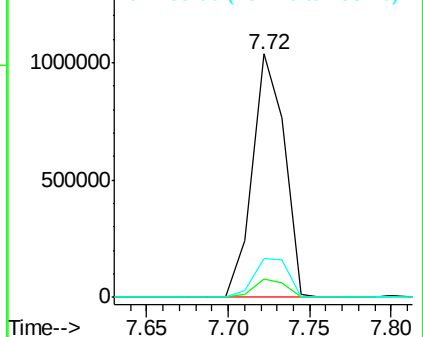
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.08 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

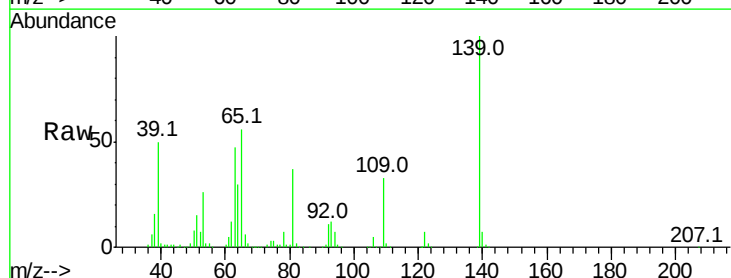
Tgt Ion: 139 Resp: 374350

Ion Ratio Lower Upper

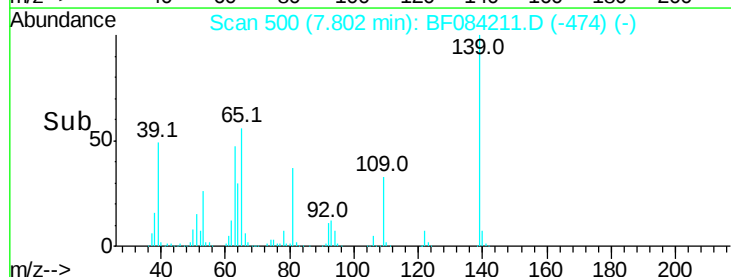
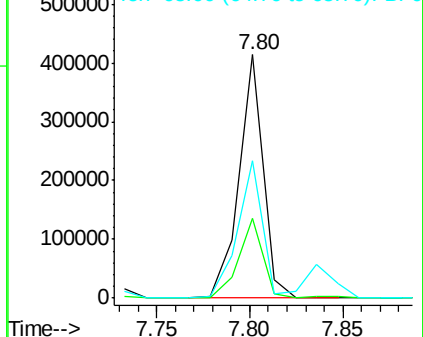
139 100

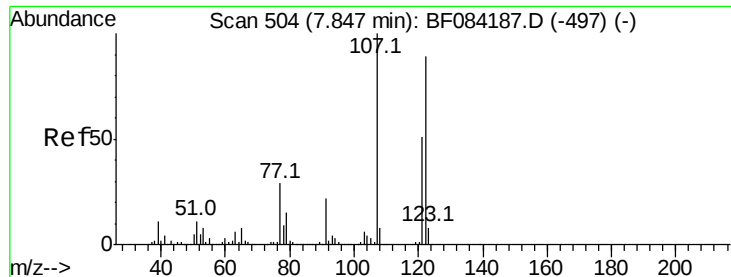
109 32.9 25.4 38.2

65 56.4 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 33.86 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

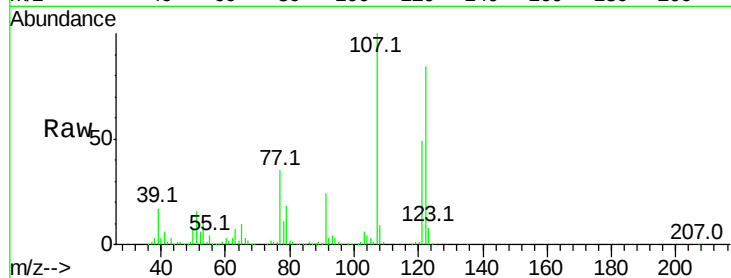
ClientSampleId :

PB87590BS

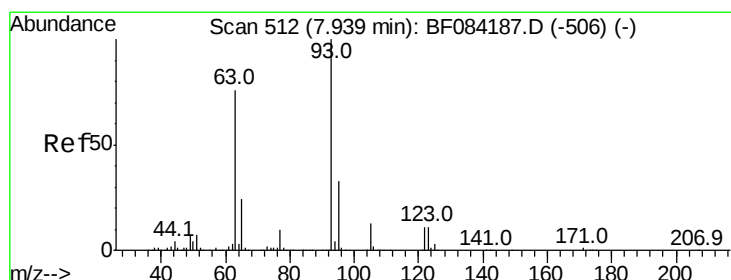
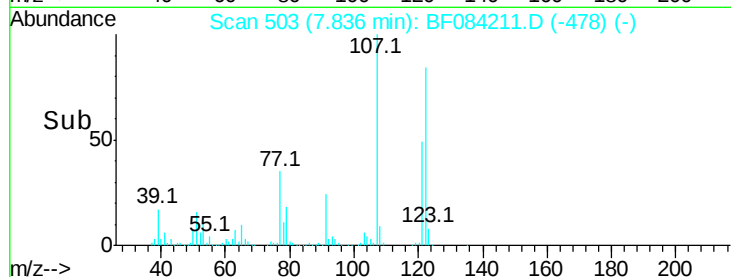
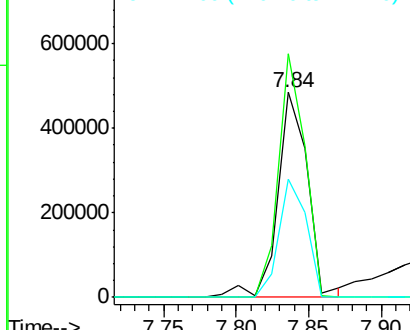
Tot Ion:	122	Resp:	691945
Ion Ratio	Lower	Upper	
122	100		
107	119.0	99.1	148.7
121	57.7	47.9	71.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.90 ng

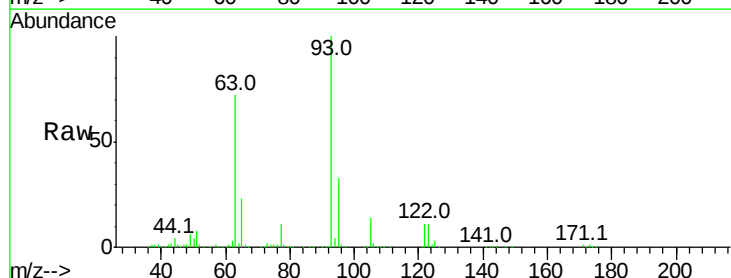
RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

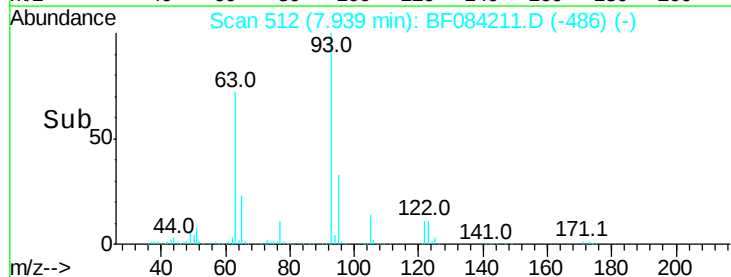
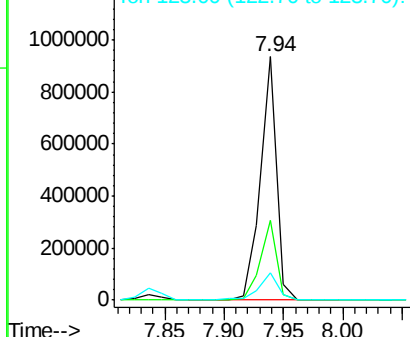
Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	93	Resp:	891719
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.8	38.6
123	11.4	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.02 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

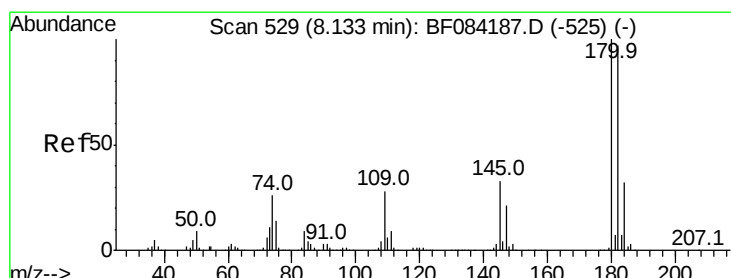
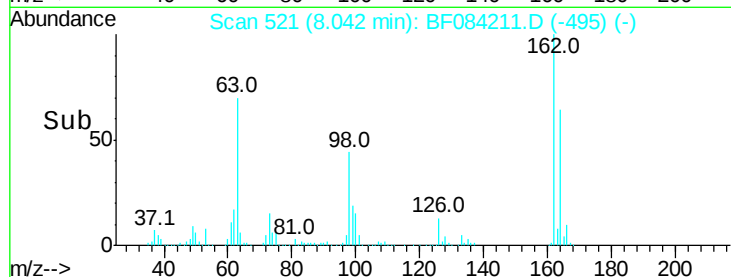
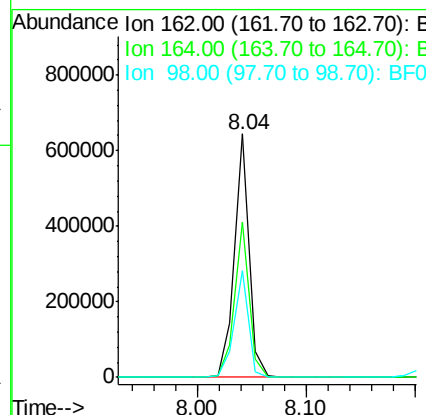
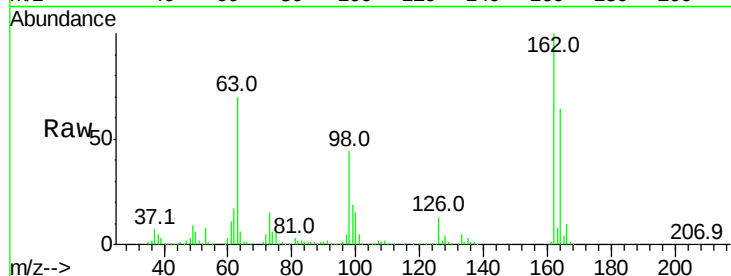
ClientSampleId :

PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	596197		
164	63.9	44.1	84.1	
98	44.0	20.2	60.2	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 36.36 ng

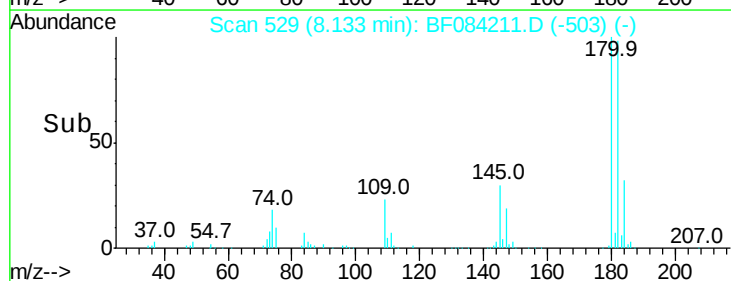
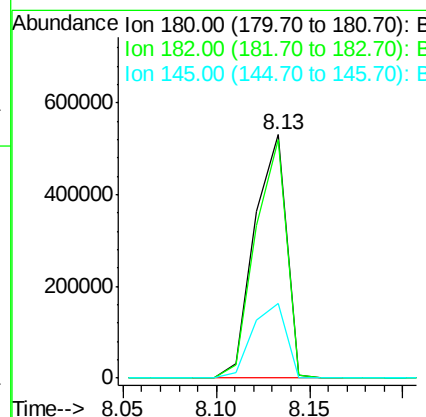
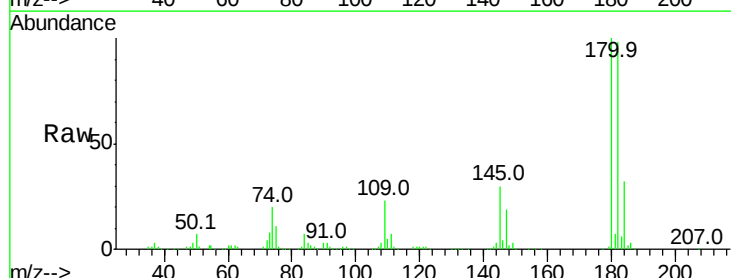
RT: 8.13 min Scan# 529

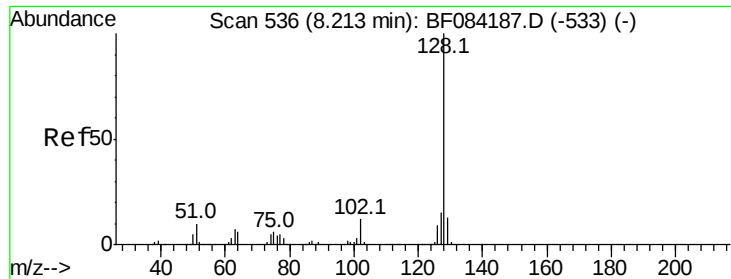
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	639110		
182	97.9	76.4	114.6	
145	30.5	31.6	47.4#	





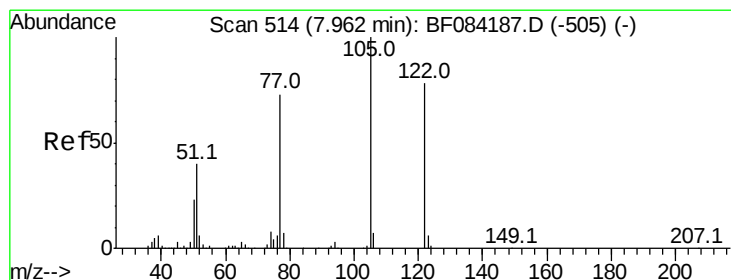
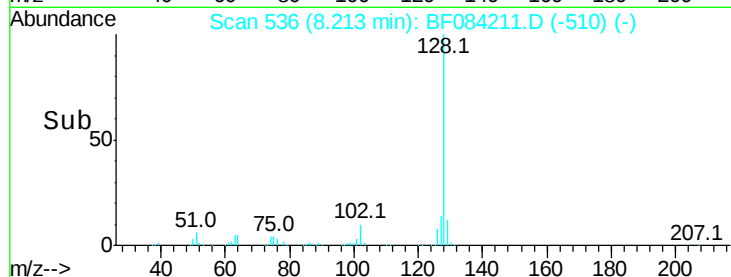
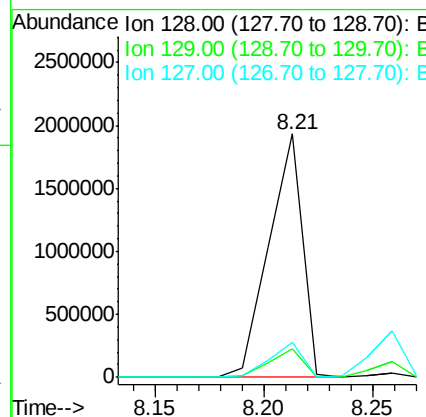
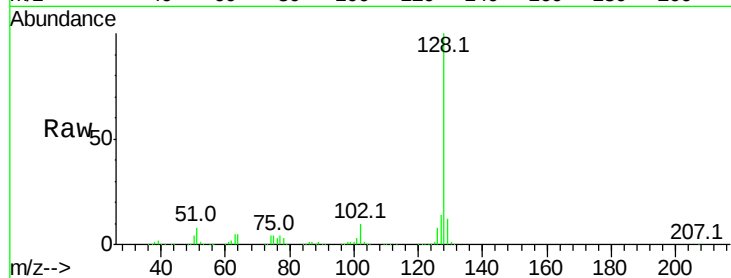
#31
Naphthalene
Concen: 38.04 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.3	11.1	16.7

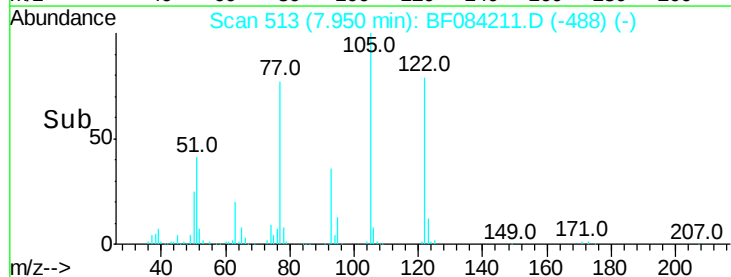
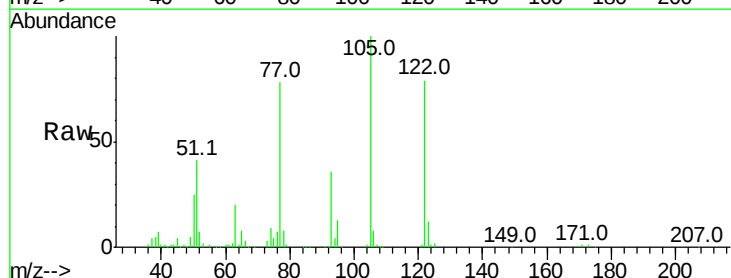
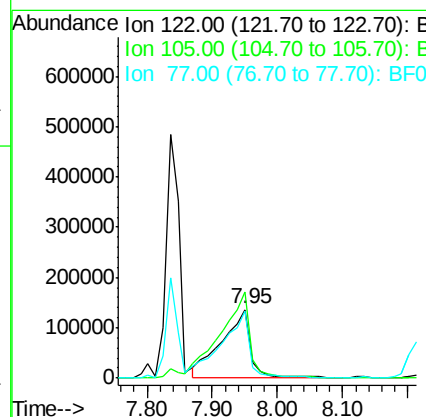
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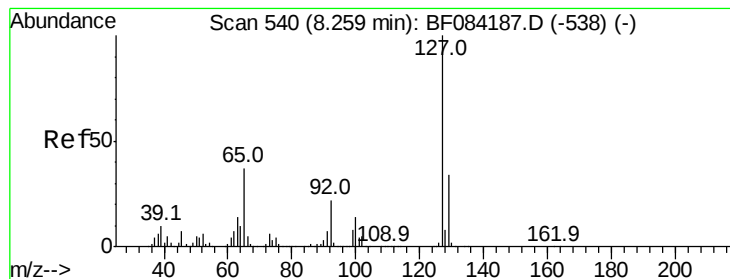
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#32
Benzoic acid
Concen: 34.30 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	100.3	140.3
77	98.2	63.5	103.5





#33

4-Chloroaniline

Concen: 15.24 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084211.D

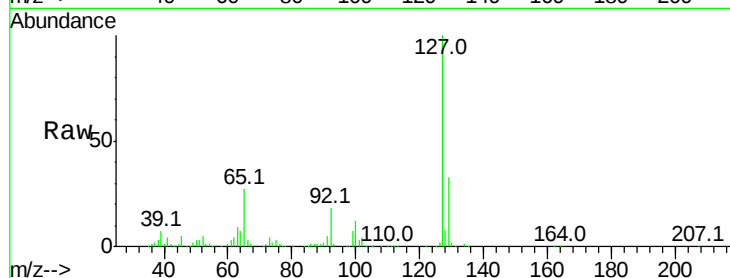
Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS



Tot Ion:127 Resp: 385901

Ion Ratio Lower Upper

127 100

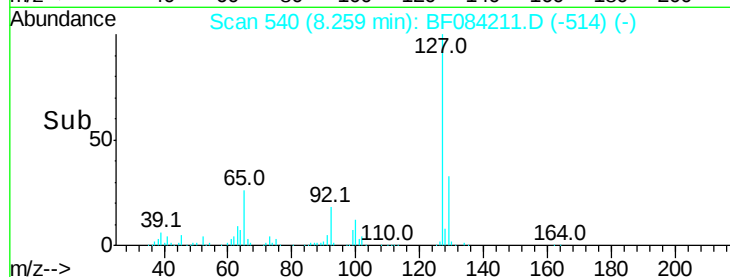
129 33.1 26.5 39.7

65 26.7 27.2 40.8

92 17.9 17.7 26.5

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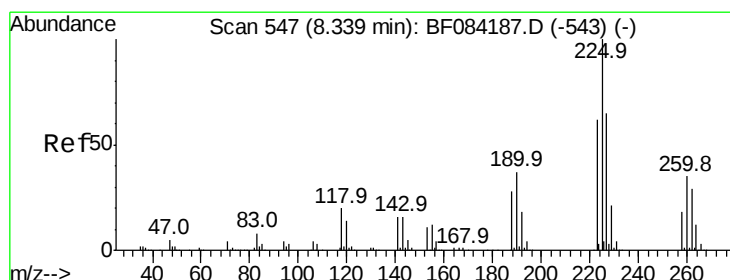
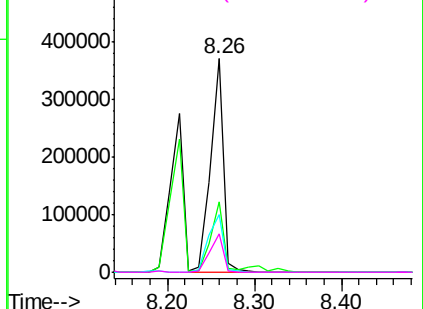


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.35 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

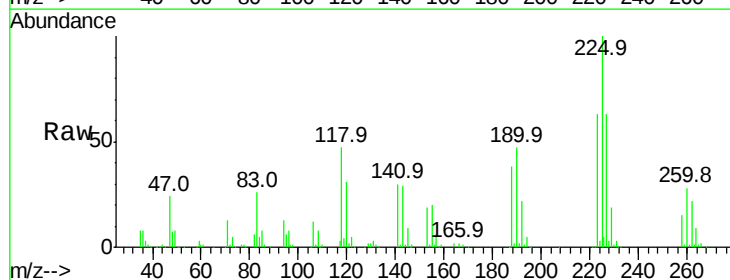
Tgt Ion:225 Resp: 347072

Ion Ratio Lower Upper

225 100

223 63.4 49.4 74.0

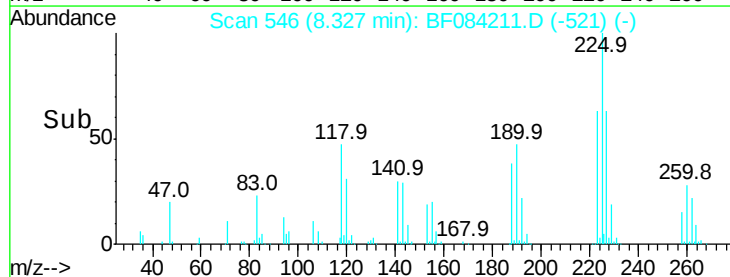
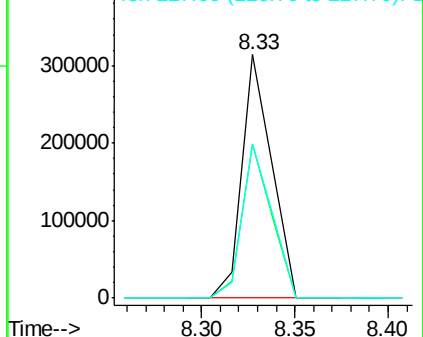
227 63.1 50.8 76.2

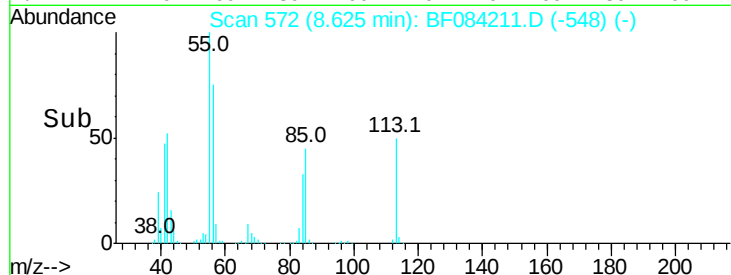
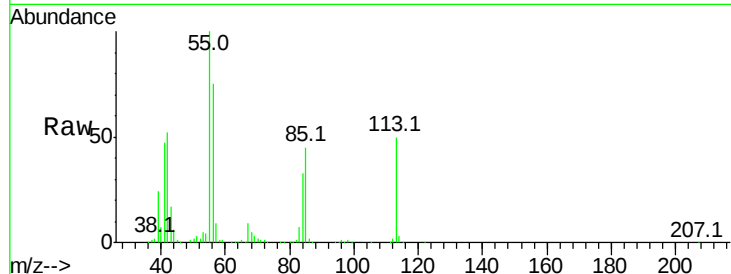
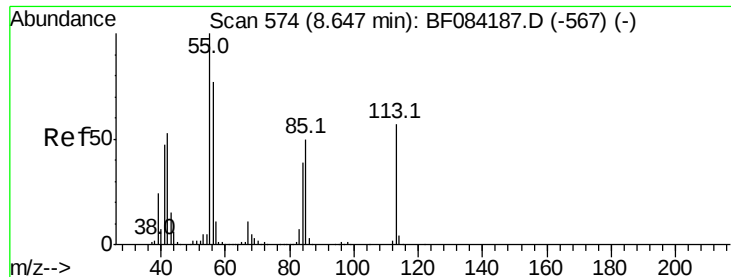


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





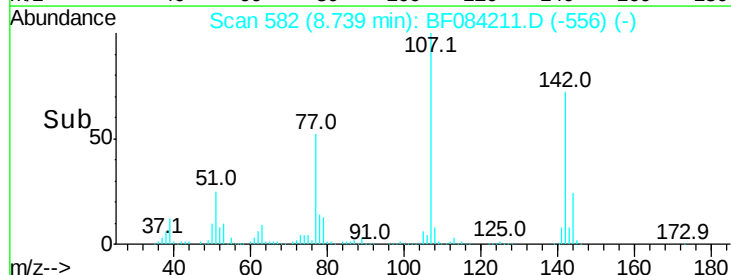
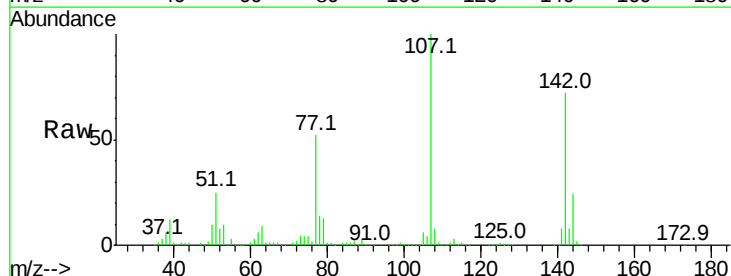
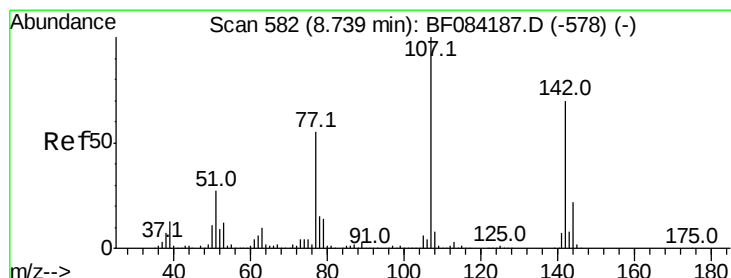
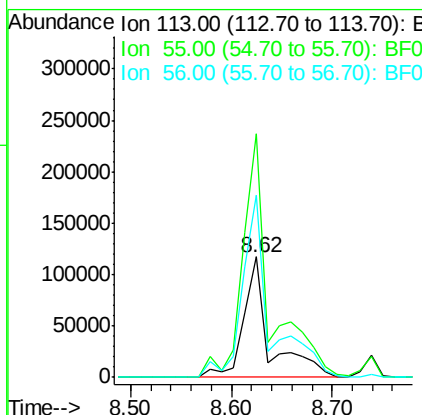
#35
Caprolactam
Concen: 36.62 ng/ml
RT: 8.62 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	202.0	116.9	156.9#	
56	151.2	93.8	133.8#	

Instrument :
BNA_F
ClientSampleId :
PB87590BS

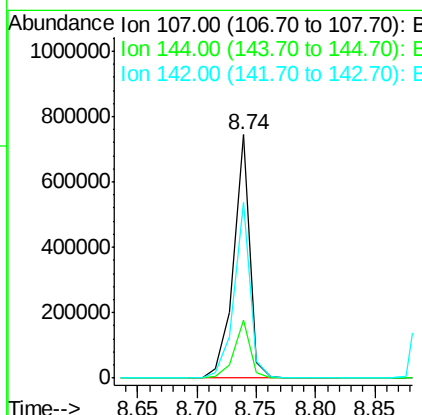
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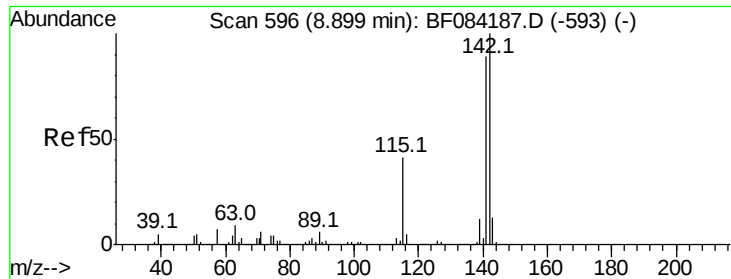
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#36
4-Chloro-3-methylphenol
Concen: 37.16 ng/ml
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.6	19.7	29.5	
142	72.0	61.8	92.6	





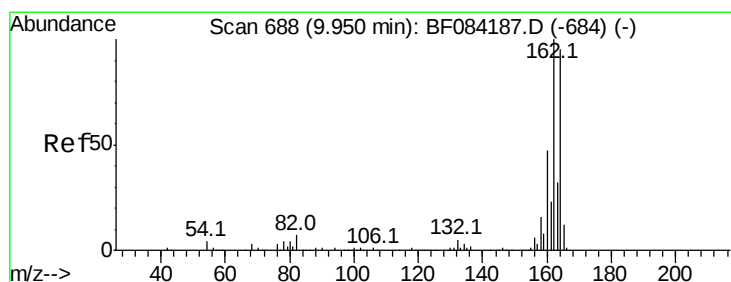
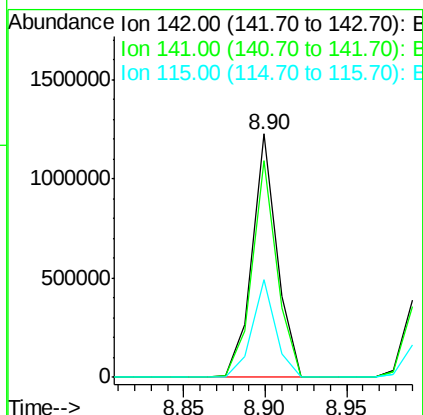
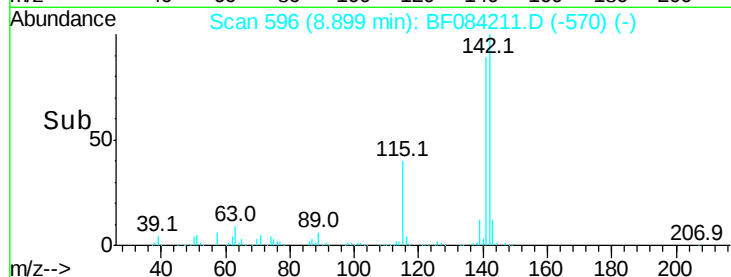
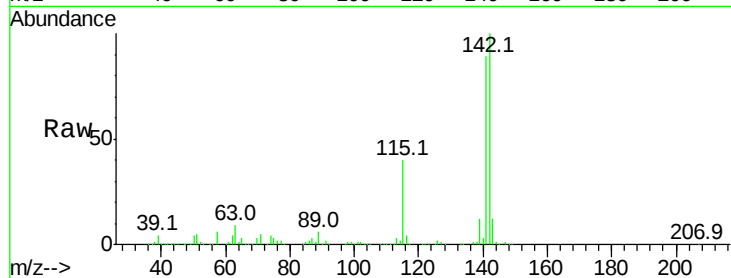
#37
2-Methylnaphthalene
Concen: 32.92 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	40.0	27.9	41.9

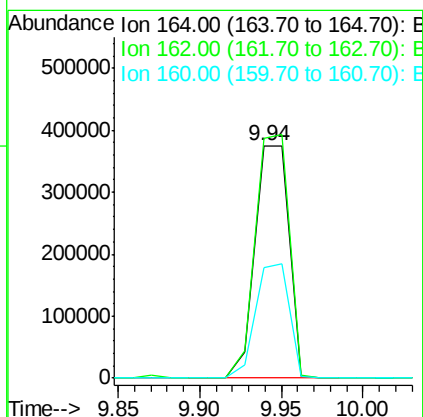
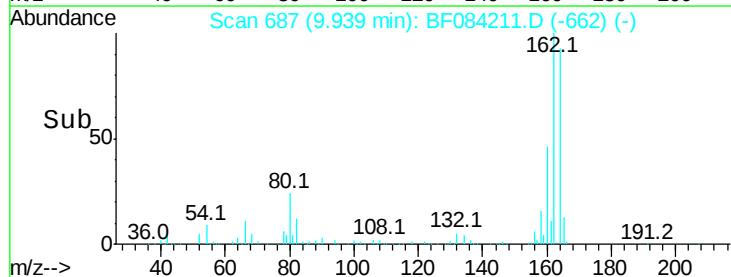
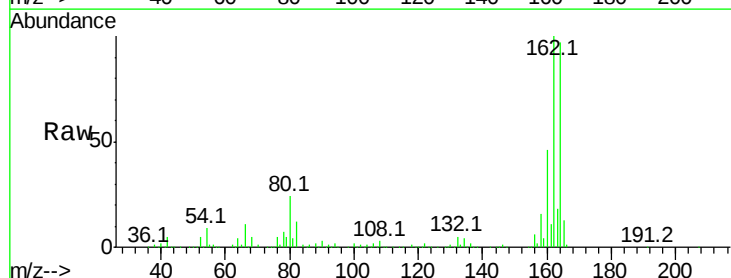
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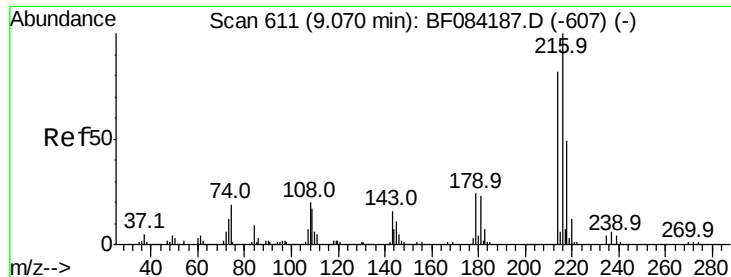
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	47.6	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.74 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

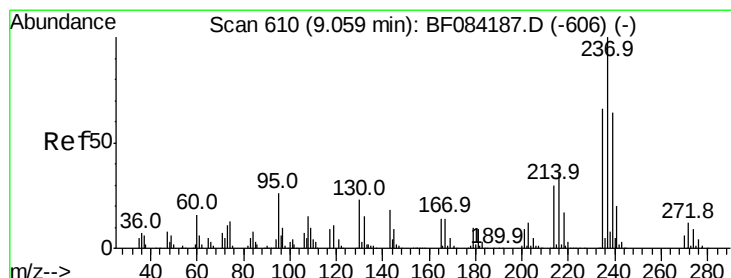
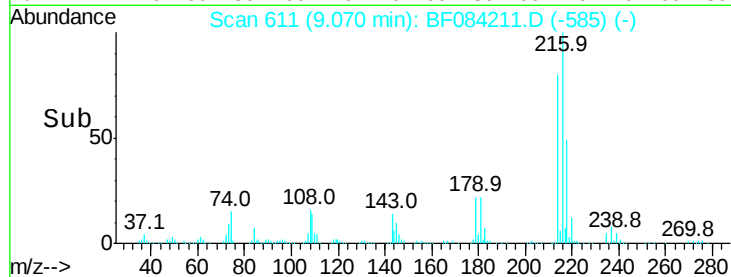
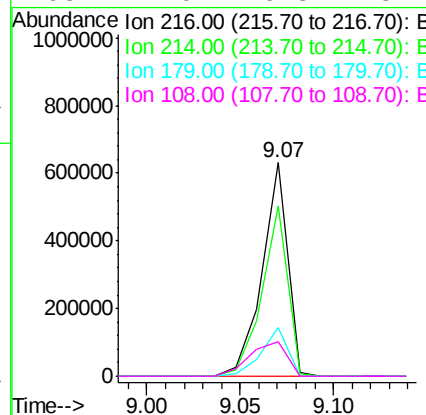
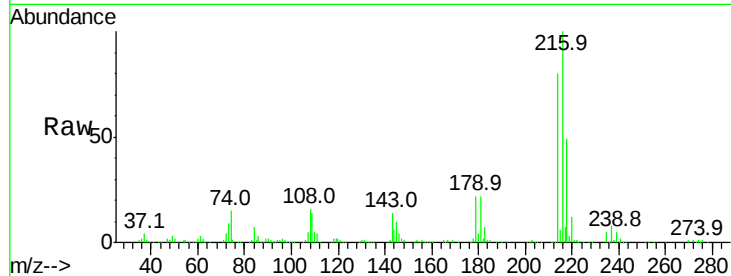
PB87590BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	591431		
214	80.6	64.2	96.2	
179	23.2	18.7	28.1	
108	24.0	16.8	25.2	



#40

Hexachlorocyclopentadiene

Concen: 74.20 ng

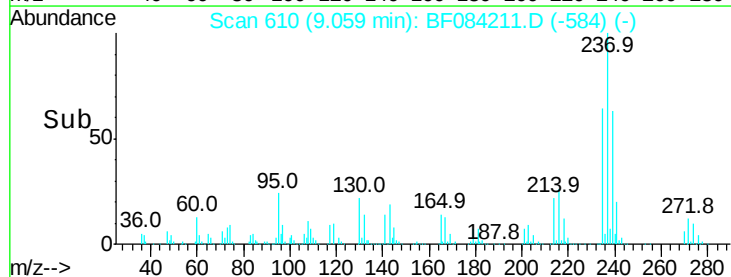
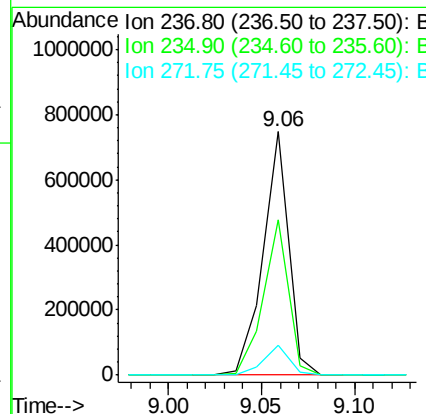
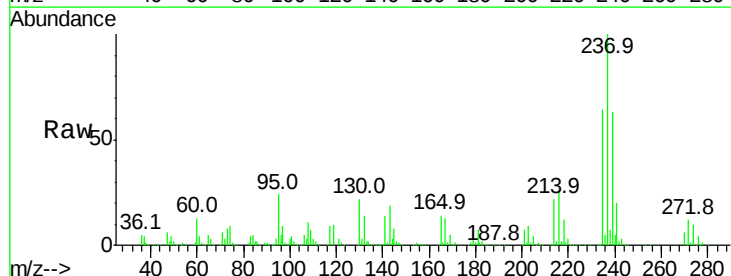
RT: 9.06 min Scan# 610

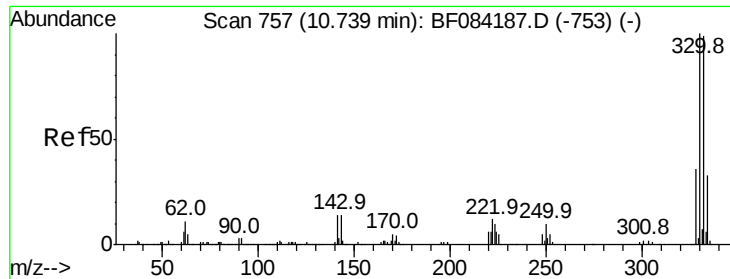
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	702000		
235	63.8	43.1	83.1	
272	12.4	0.0	35.1	





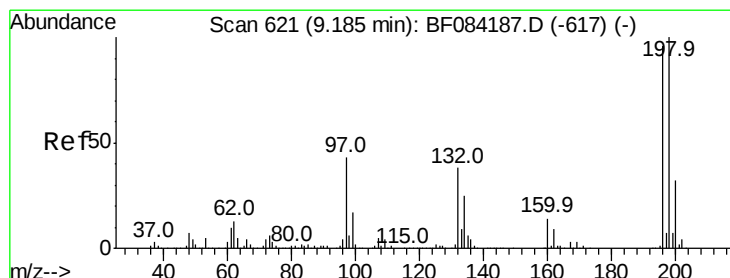
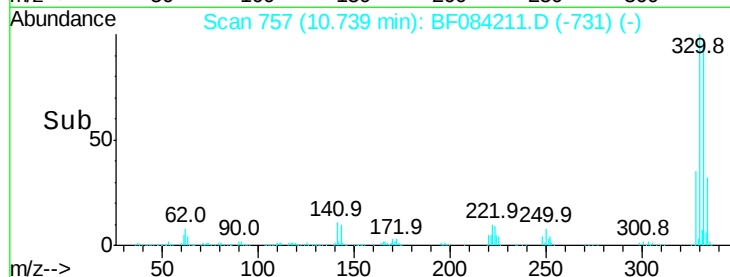
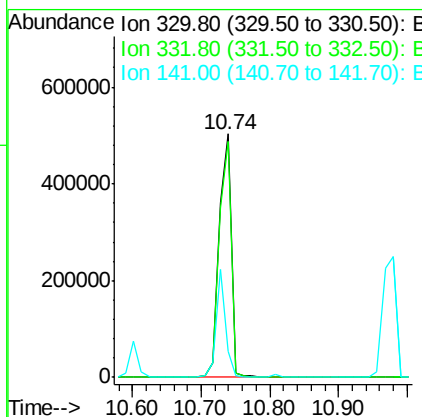
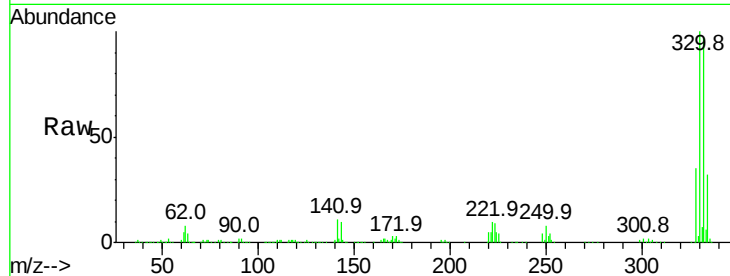
#41
 2,4,6-Tribromophenol
 Concen: 114.66 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	631114		
332	96.9	76.6	114.8	
141	34.4	27.8	41.6	

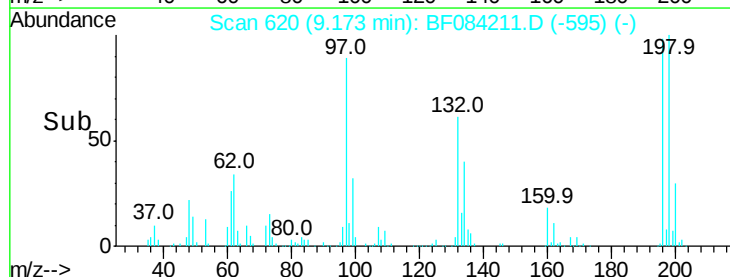
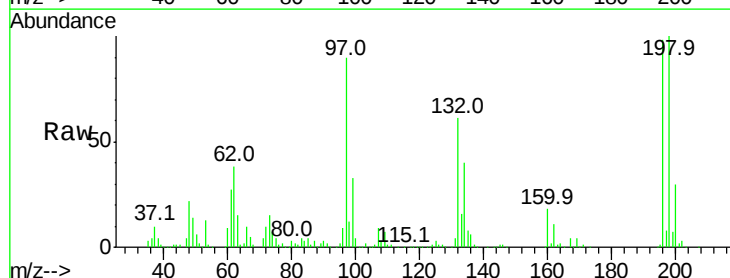
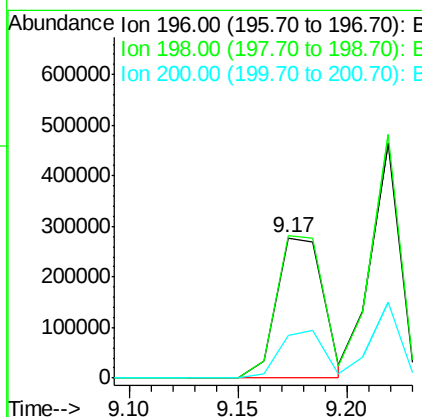
Manual Integrations
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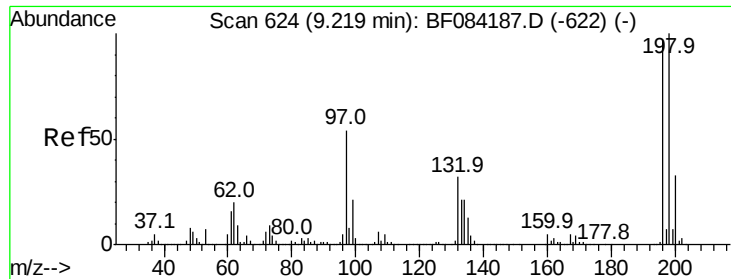
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#42
 2,4,6-Trichlorophenol
 Concen: 35.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	414880		
198	102.1	77.7	116.5	
200	30.5	24.6	37.0	





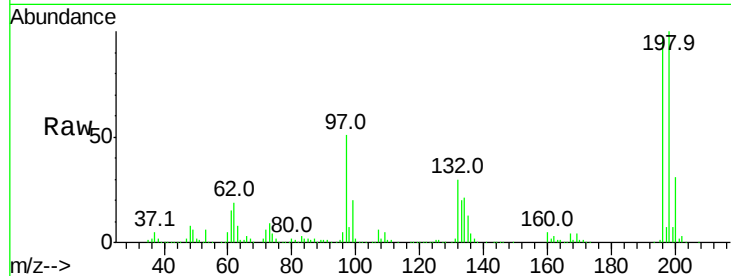
#43
 2,4,5-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	437165		
198	103.5	79.0	118.6	
97	53.2	33.0	49.6	
132	30.9	21.1	31.7	

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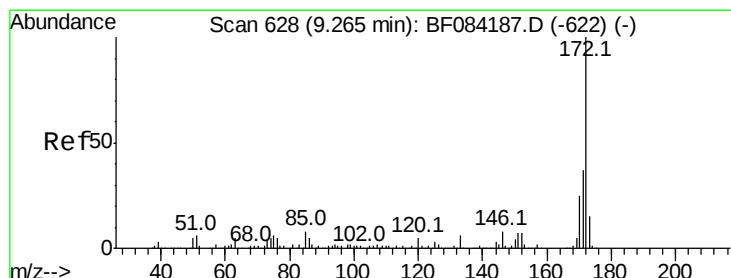
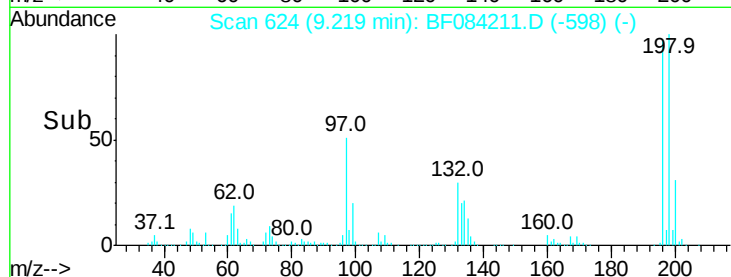
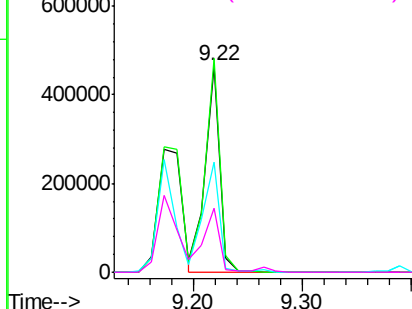
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.01 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

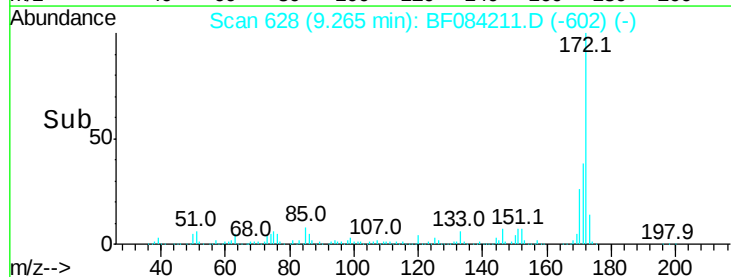
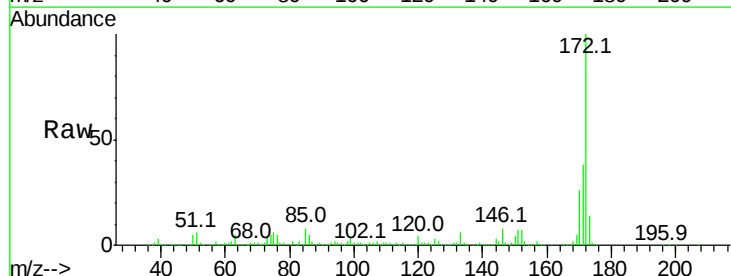
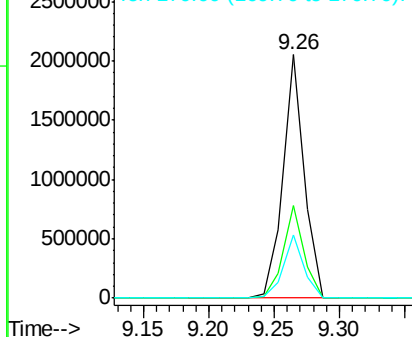
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2347675		
171	38.2	28.9	43.3	
170	25.8	18.6	27.8	

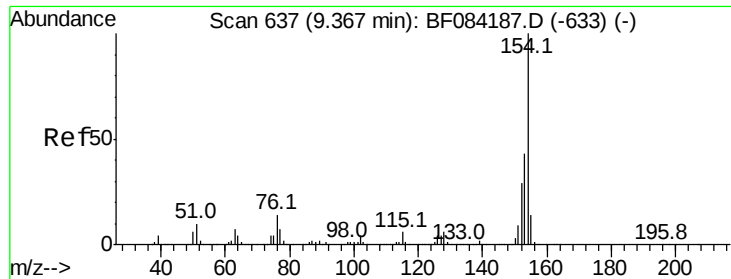
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.91 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:154 Resp: 1686054

Ion Ratio Lower Upper

154 100

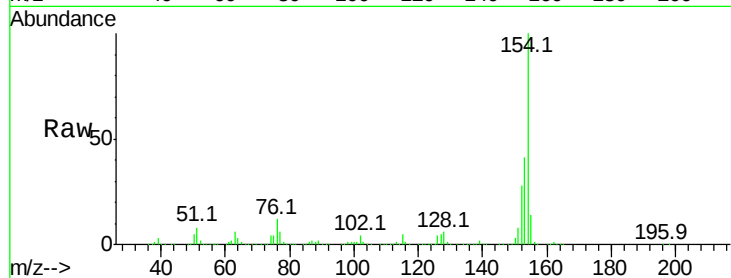
153 41.4 21.6 61.6

76 12.3 0.0 32.7

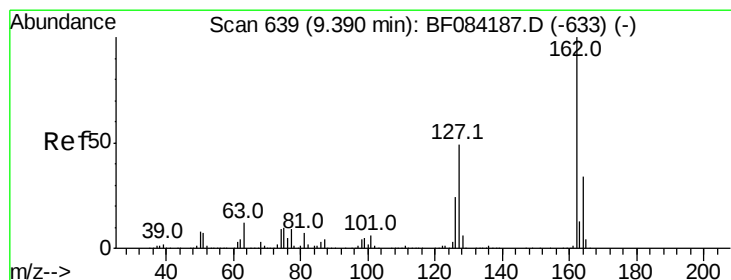
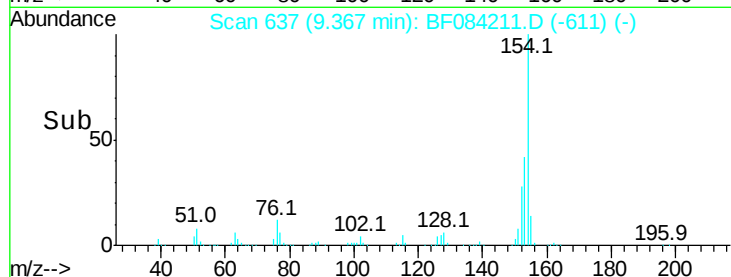
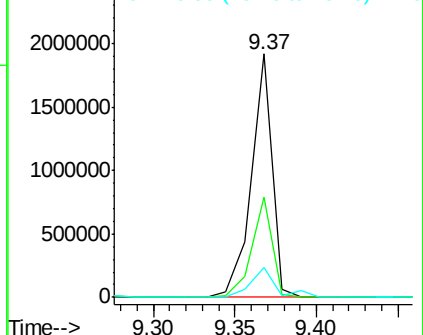
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.57 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

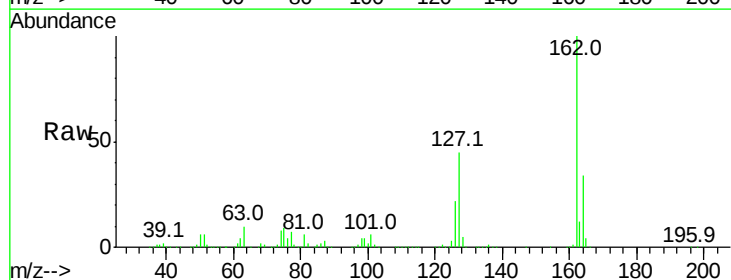
Tgt Ion:162 Resp: 1244507

Ion Ratio Lower Upper

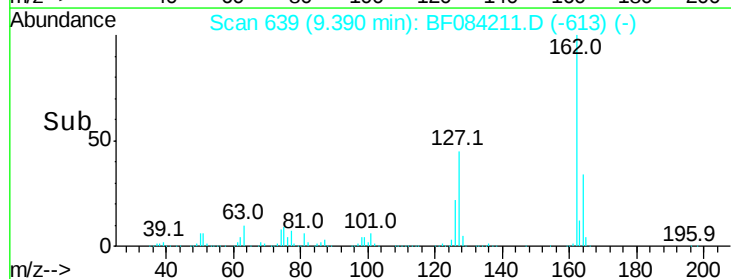
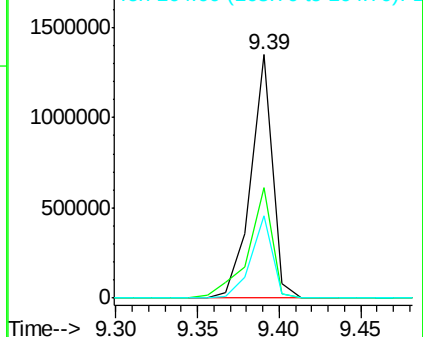
162 100

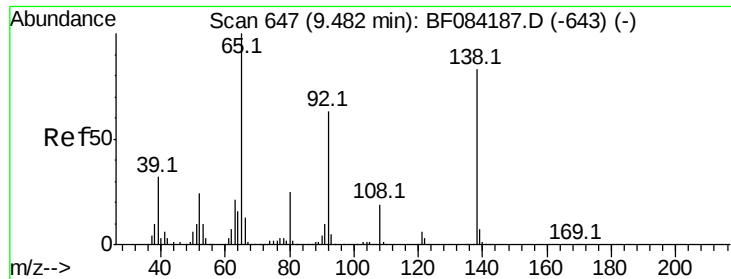
127 45.4 40.2 60.4

164 34.0 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.34 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

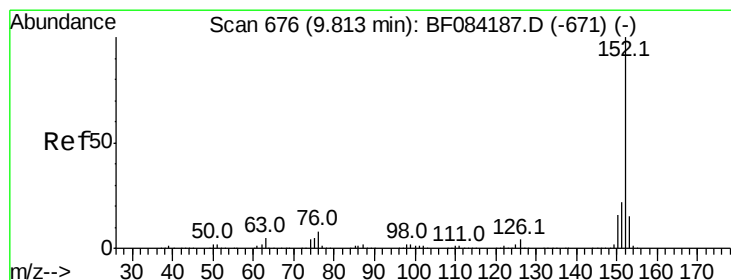
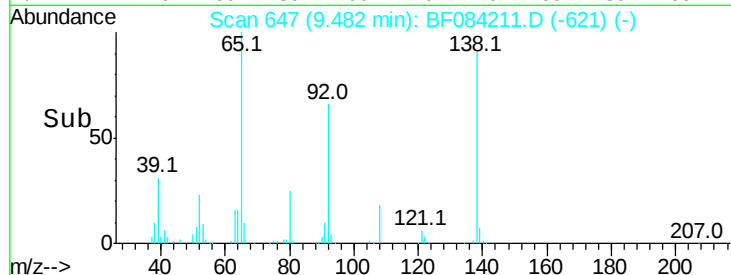
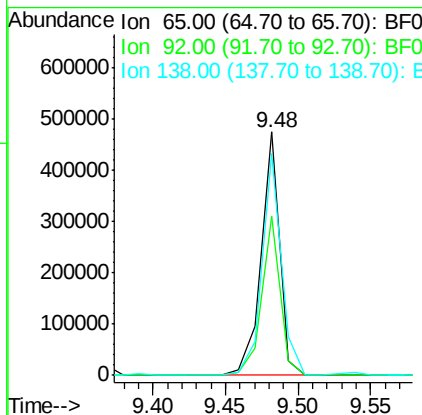
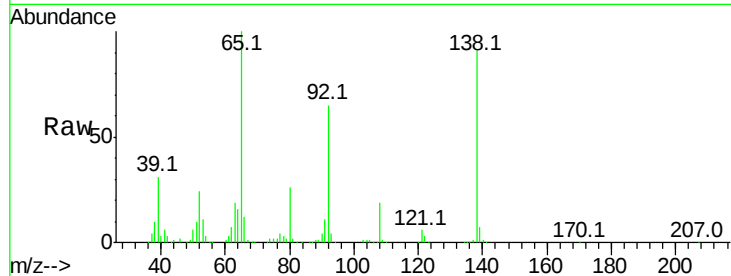
ClientSampleId :

PB87590BS

Tot Ion:	65	Resp:	419403
Ion Ratio	Lower	Upper	
65	100		
92	65.4	53.4	80.2
138	91.1	71.1	106.7

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#48

Acenaphthylene

Concen: 37.34 ng

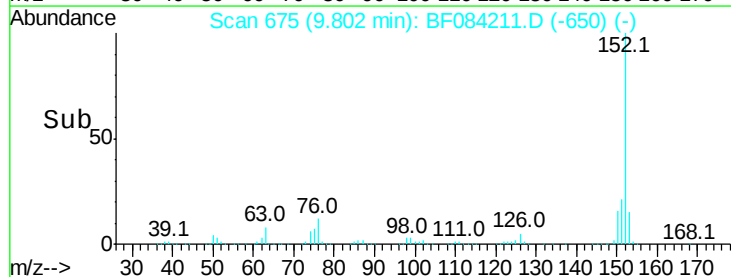
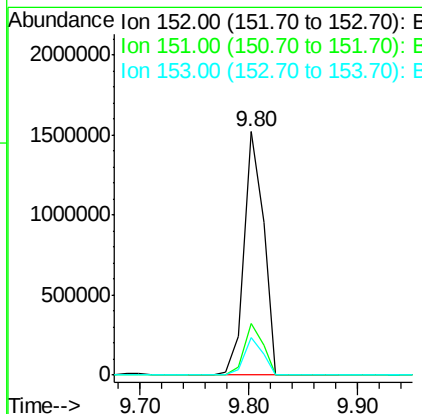
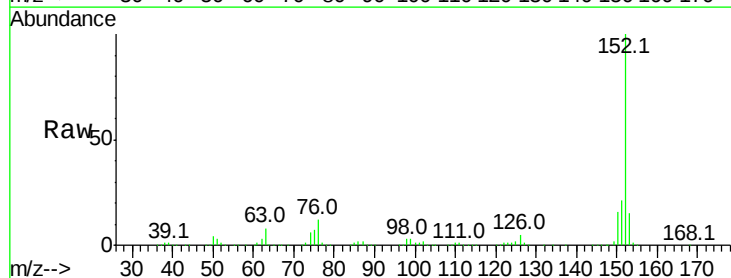
RT: 9.80 min Scan# 675

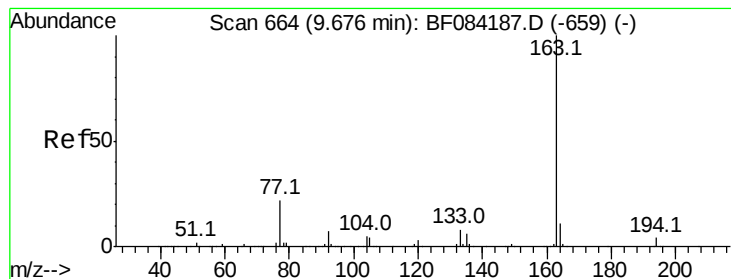
Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	152	Resp:	1877709
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.3	24.5
153	15.3	10.4	15.6





#49

Dimethylphthalate

Concen: 36.19 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleID :

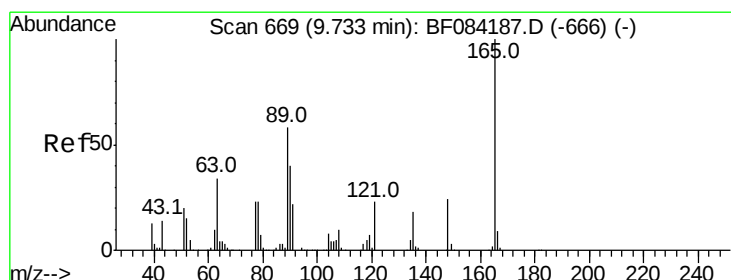
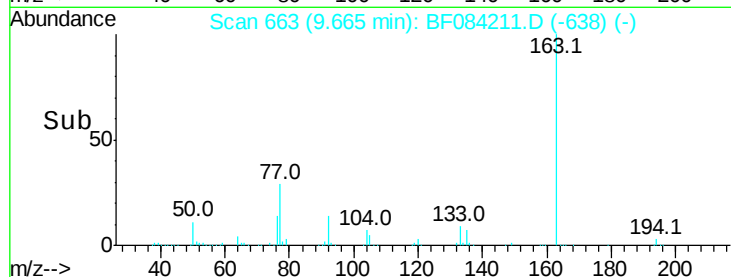
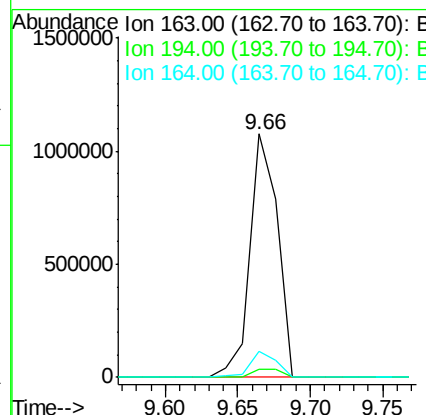
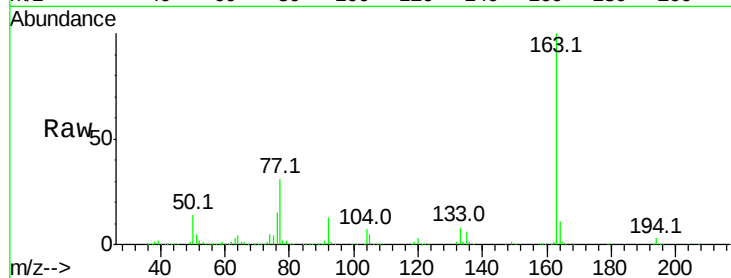
PB87590BS

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Tot Ion:	163	Resp:	1410592
Ion Ratio	Lower	Upper	
163	100		
194	3.1	8.0	12.0#
164	10.9	8.0	12.0



#50

2,6-Dinitrotoluene

Concen: 38.05 ng

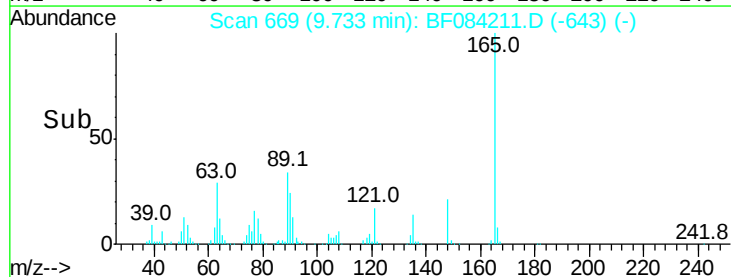
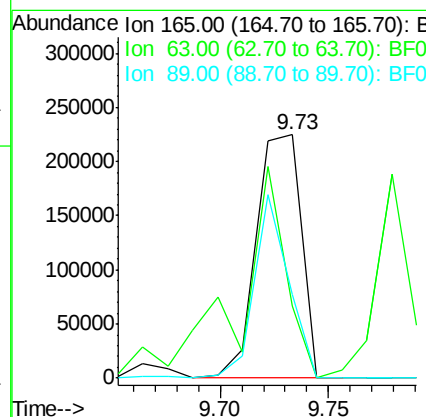
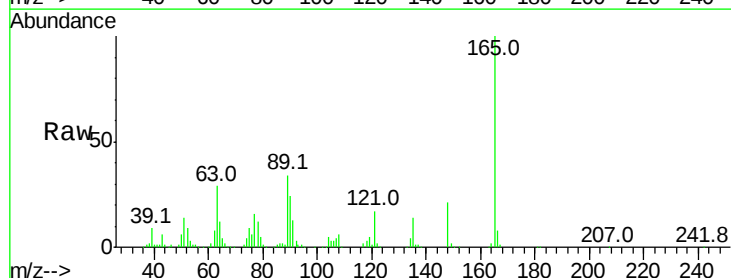
RT: 9.73 min Scan# 669

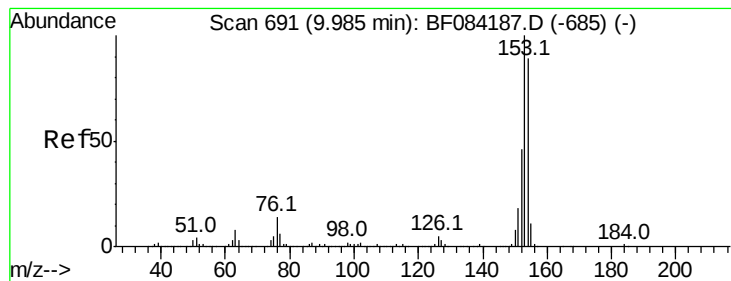
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	165	Resp:	325262
Ion Ratio	Lower	Upper	
165	100		
63	29.5	28.8	43.2
89	34.2	35.1	52.7#





#51

Acenaphthene

Concen: 40.50 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:154 Resp: 1365925

Ion Ratio Lower Upper

154 100

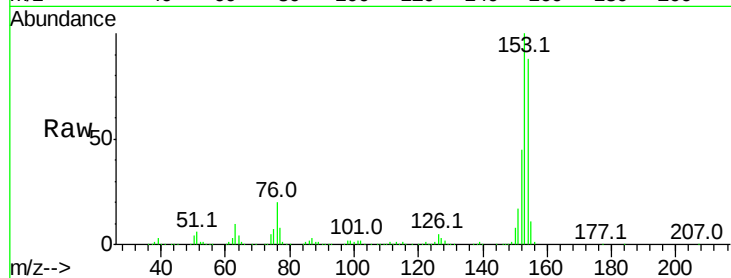
153 113.1 91.5 137.3

152 51.1 43.0 64.6

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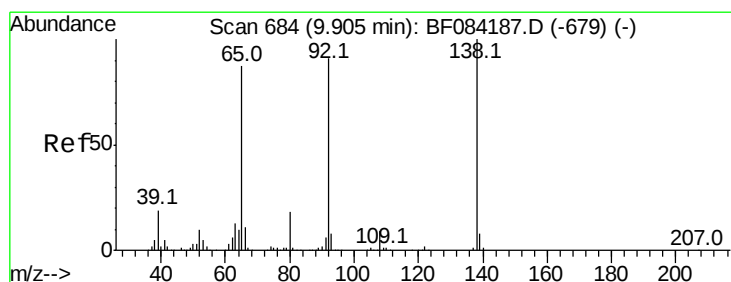
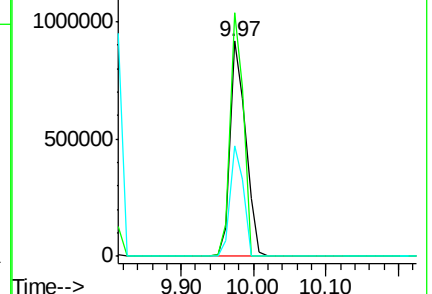
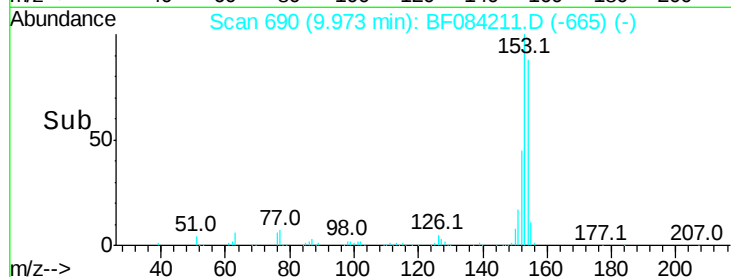
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.17 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

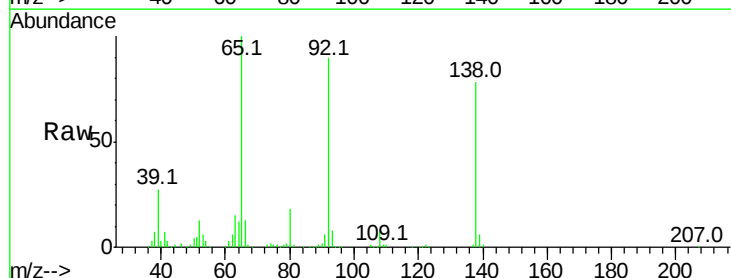
Tgt Ion:138 Resp: 234808

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

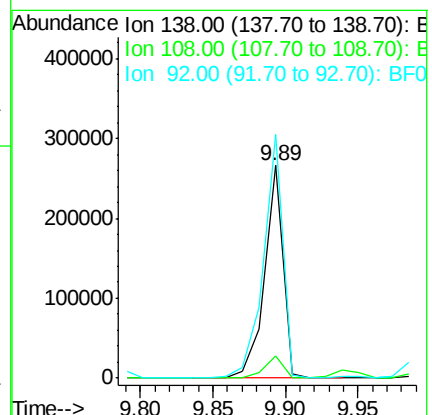
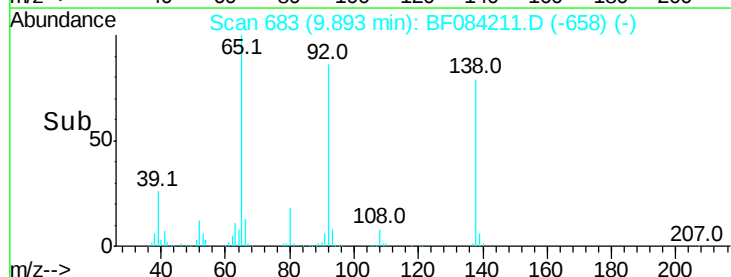
92 114.5 103.9 155.9

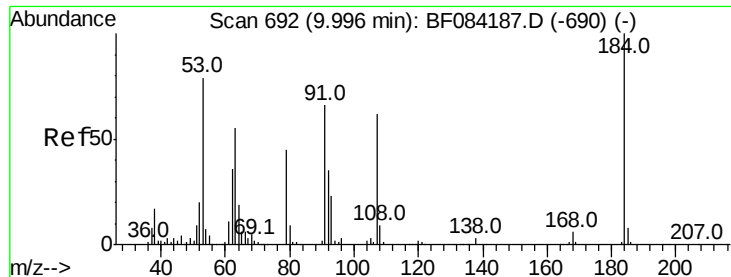


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





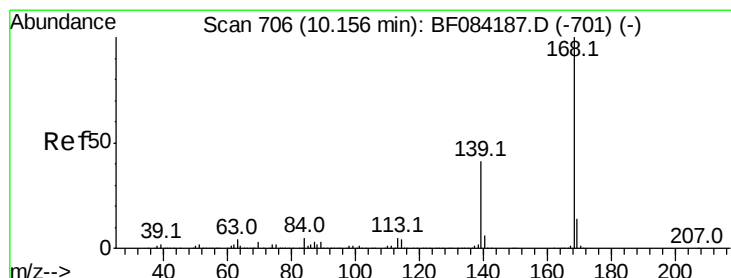
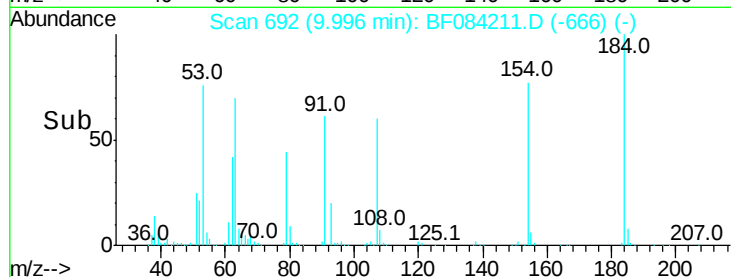
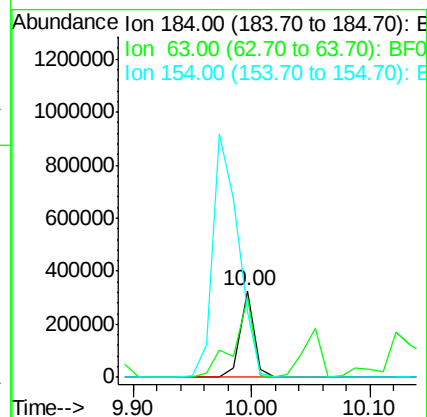
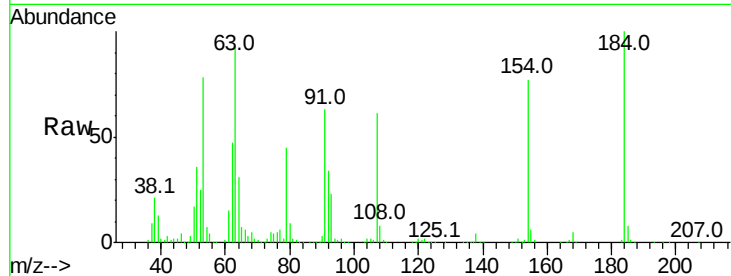
#53
2,4-Dinitrophenol
Concen: 75.37 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	273661		
63	92.8	43.1	64.7#	
154	76.7	60.5	90.7	

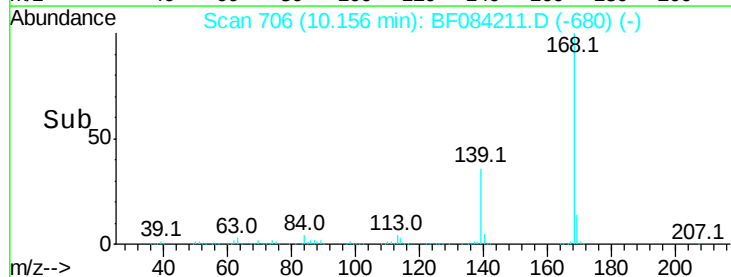
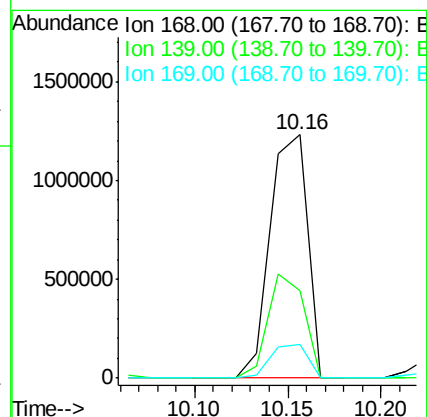
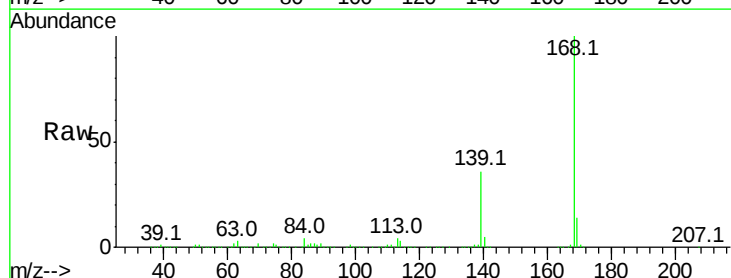
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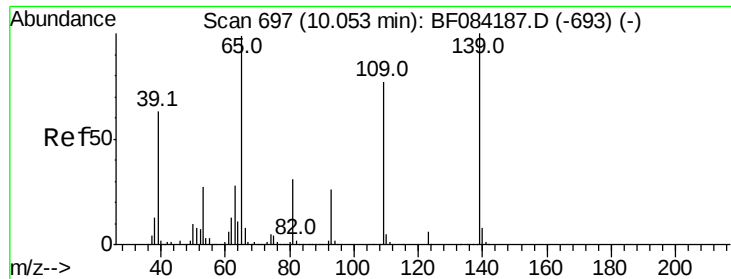
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#54
Dibenzofuran
Concen: 38.85 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1714764		
139	36.1	30.5	45.7	
169	13.7	10.4	15.6	





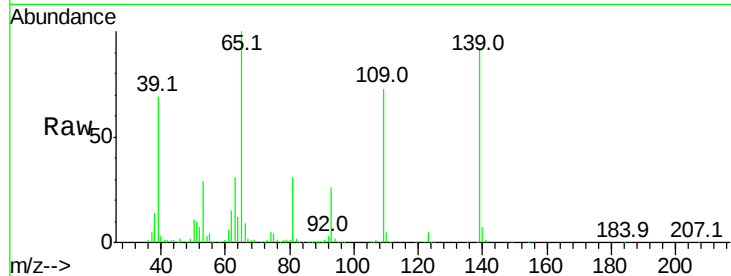
#55
4-Nitrophenol
Concen: 74.16 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	570190		
109	79.8	58.5	98.5	
65	109.0	57.6	97.6	

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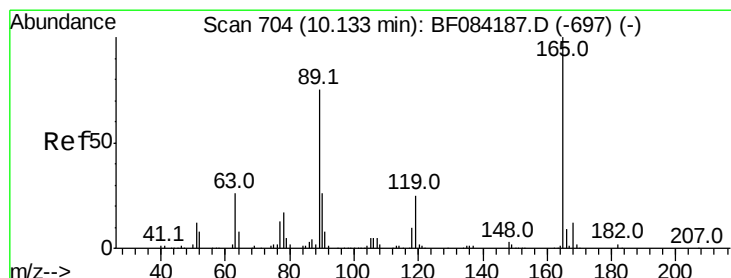
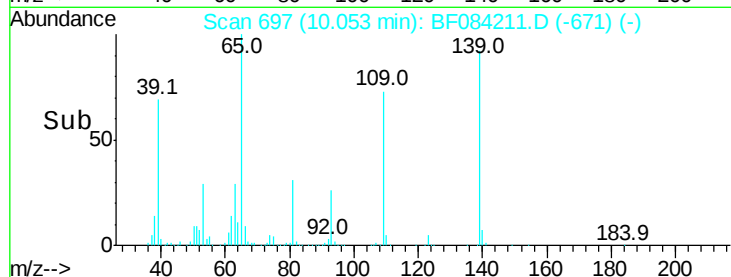
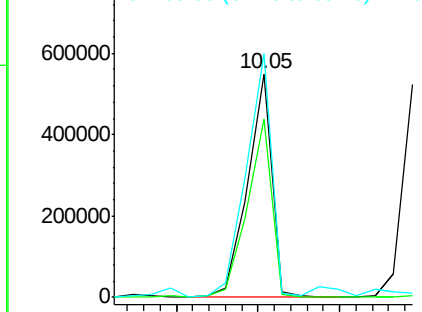


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 43.12 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	466520		
63	29.9	36.7	55.1	
89	53.3	61.9	92.9	
182	2.2	2.0	3.0	

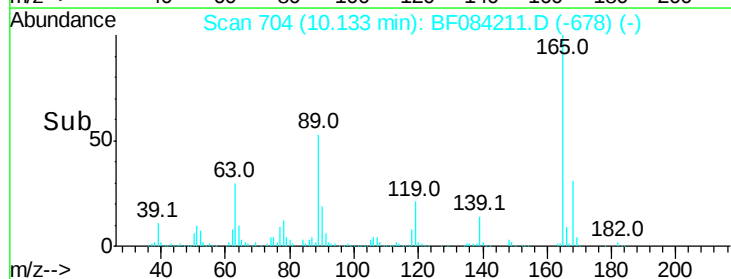
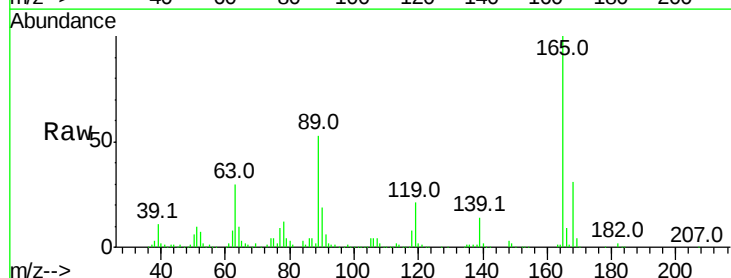
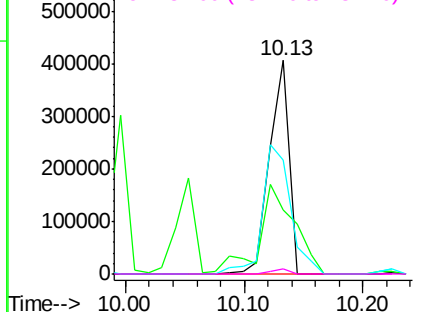
Abundance

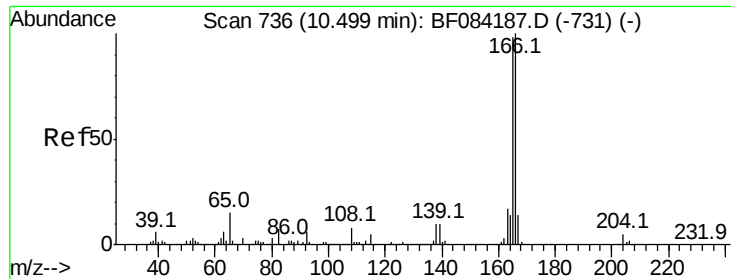
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.02 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:166 Resp: 1232937

Ion Ratio Lower Upper

166 100

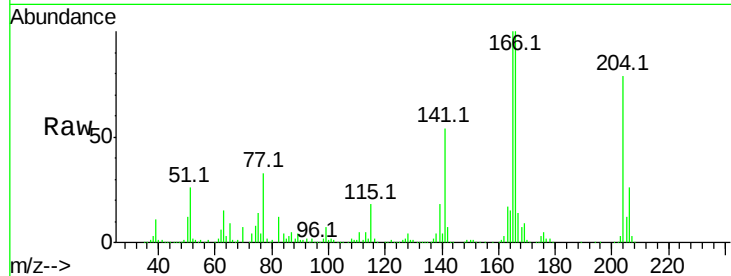
165 99.7 79.1 118.7

167 14.4 10.4 15.6

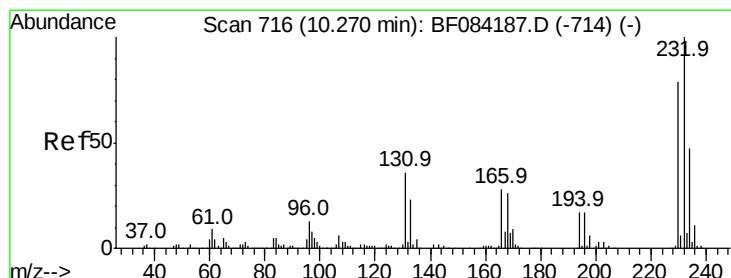
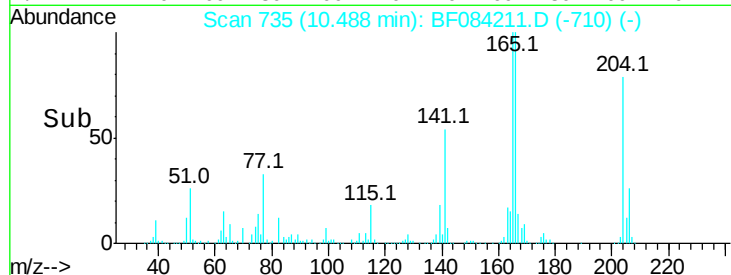
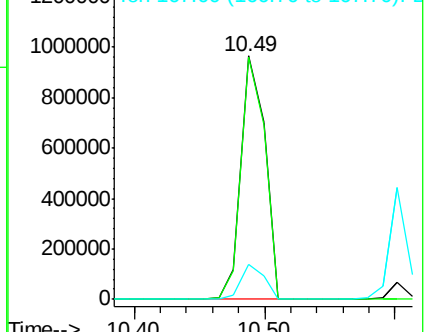
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.02 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:232 Resp: 355251

Ion Ratio Lower Upper

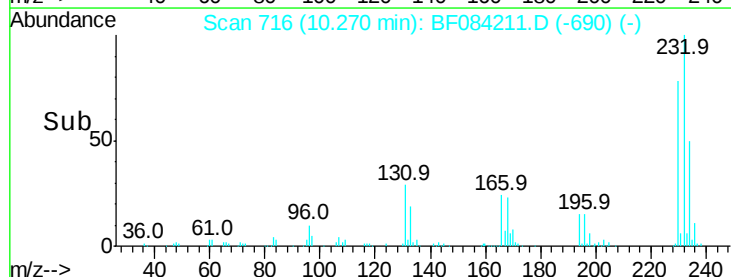
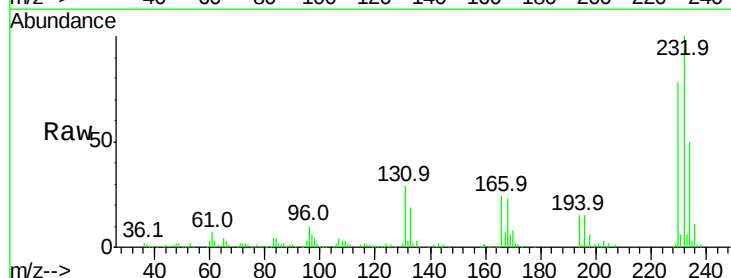
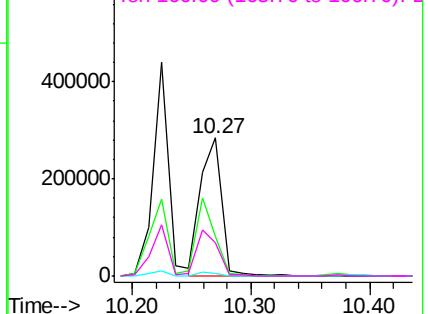
232 100

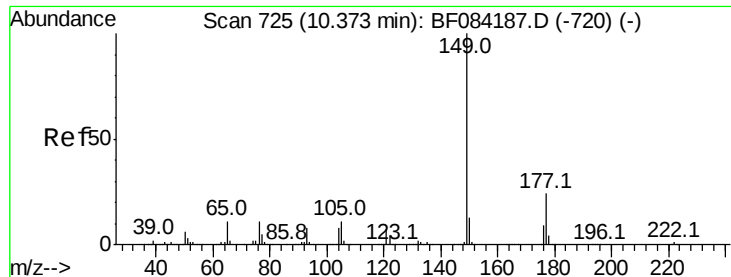
131 51.2 47.0 70.6

130 2.5 2.0 3.0

166 33.8 30.5 45.7

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





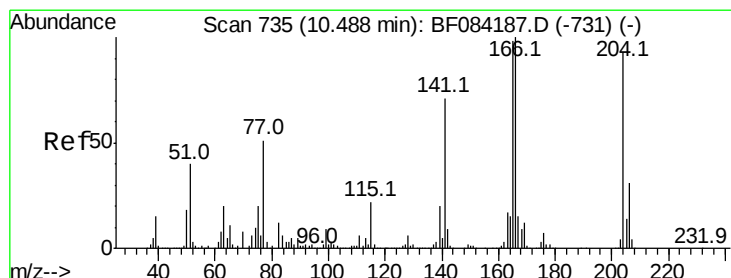
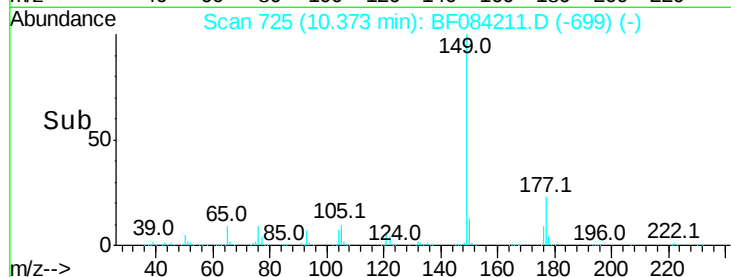
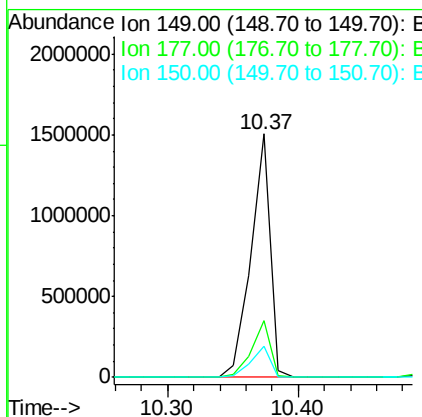
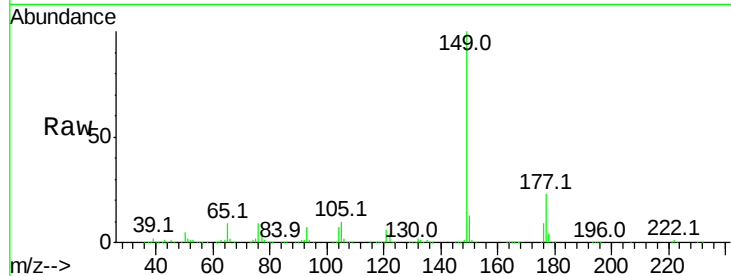
#59
Diethylphthalate
Concen: 40.38 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.3	25.9
150	12.9	9.8	14.8

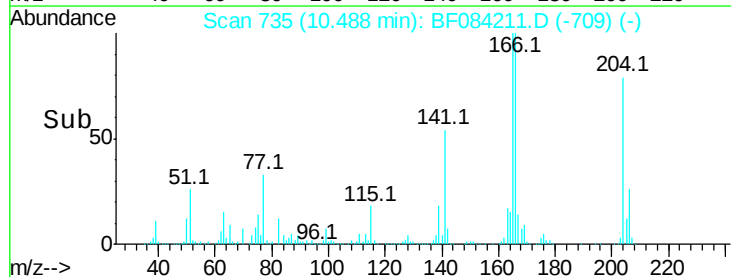
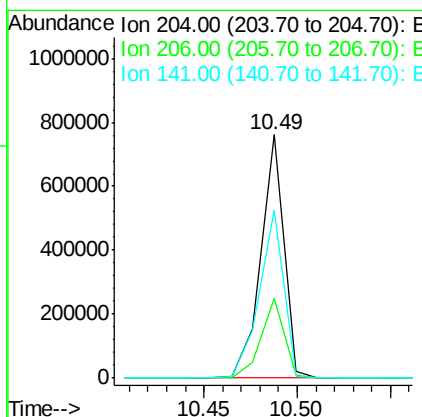
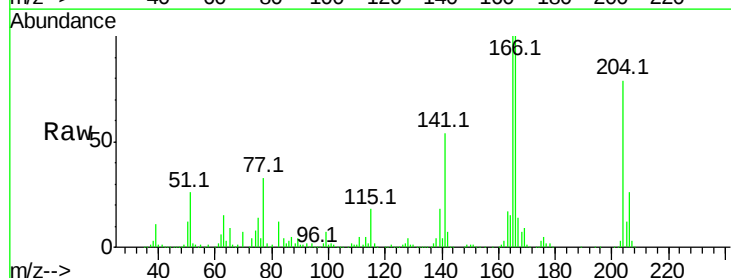
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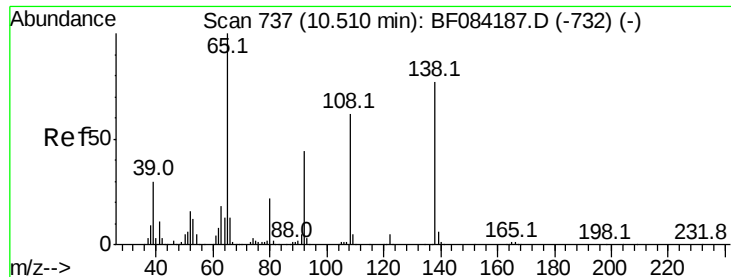
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#60
4-Chlorophenyl-phenylether
Concen: 45.50 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	68.9	55.1	82.7





#61

4-Nitroaniline

Concen: 39.08 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

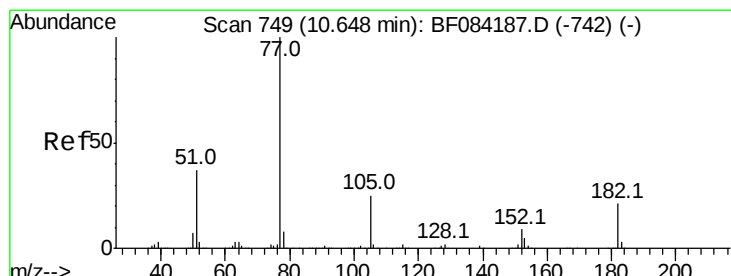
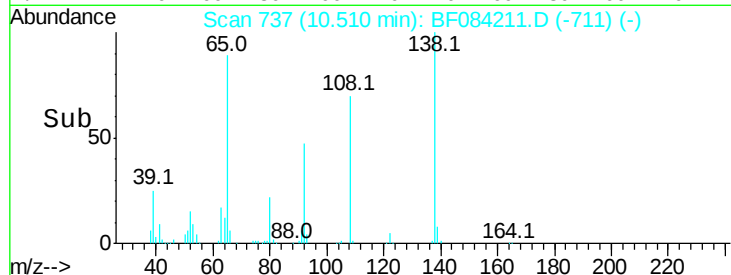
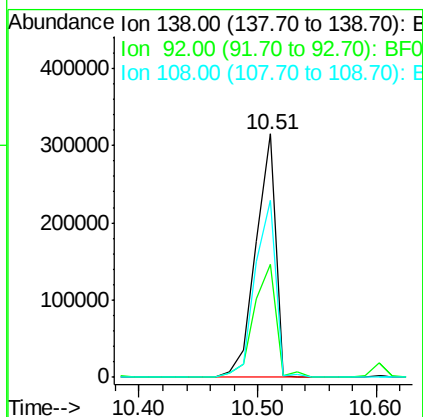
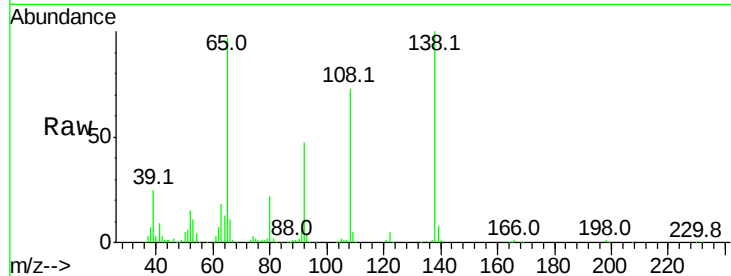
ClientSampleId :

PB87590BS

Tot Ion:138	Resp:	368998
Ion Ratio	Lower	Upper
138 100		
92 46.7	32.6	72.6
108 72.5	68.6	108.6

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1/4/2016 4:29:44 PM



#62

Azobenzene

Concen: 40.01 ng

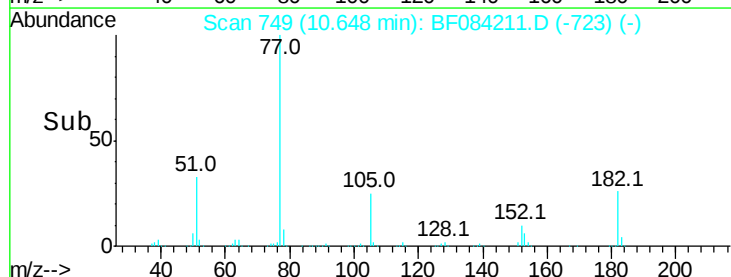
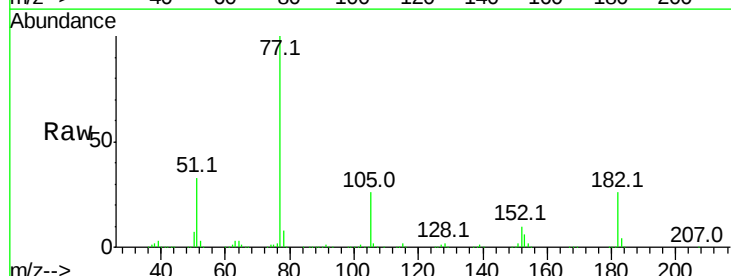
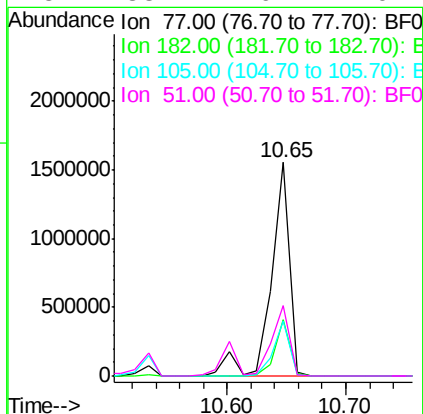
RT: 10.65 min Scan# 749

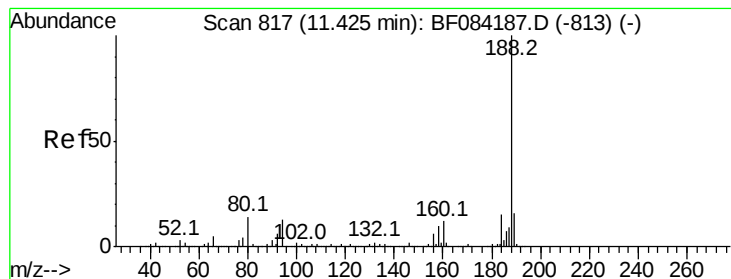
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion: 77	Resp:	1686339
Ion Ratio	Lower	Upper
77 100		
182 26.1	8.3	48.3
105 25.6	4.6	44.6
51 33.2	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: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

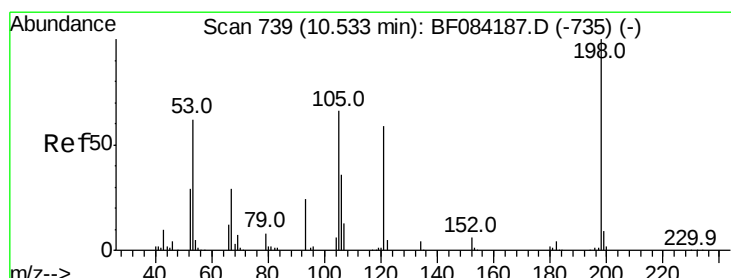
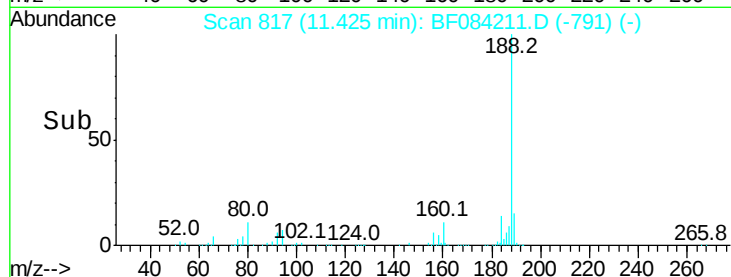
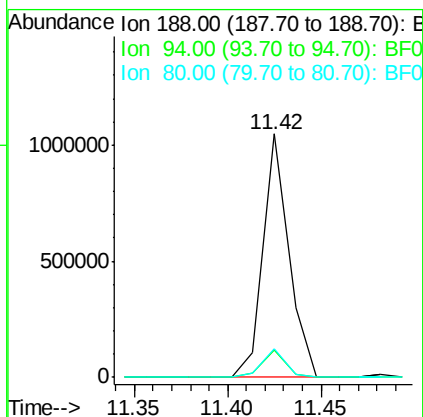
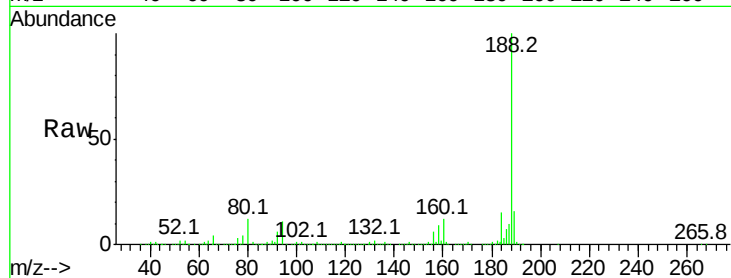
ClientSampleId :

PB87590BS

Tot Ion:	188	Resp:	999951
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.0	13.4
80	12.0	9.6	14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.19 ng

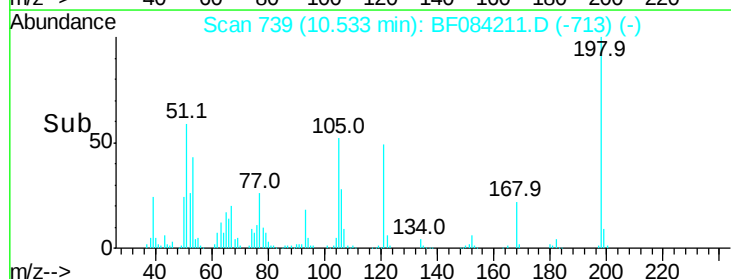
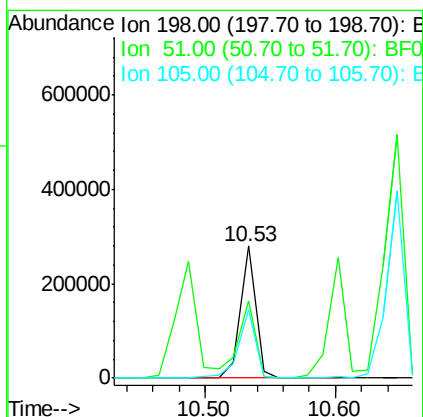
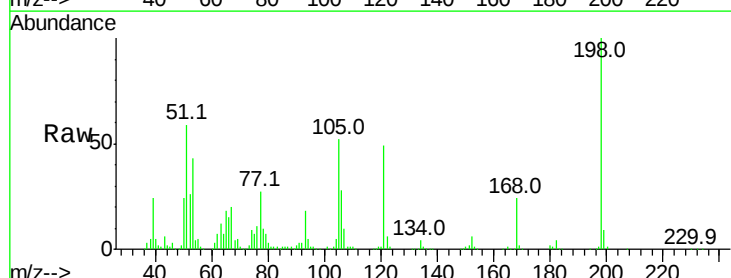
RT: 10.53 min Scan# 739

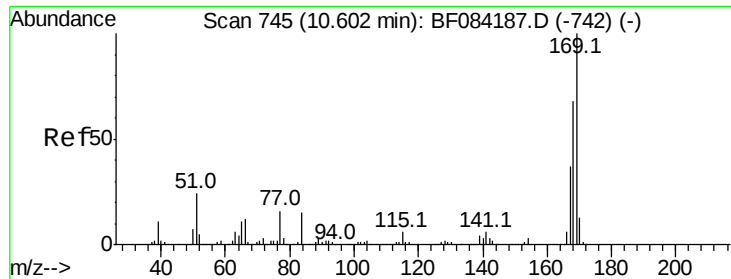
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	198	Resp:	226994
Ion Ratio	Lower	Upper	
198	100		
51	58.7	18.9	58.9
105	52.1	26.4	66.4





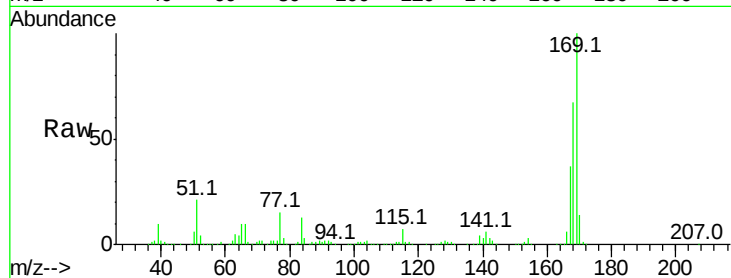
#65
 n-Nitrosodiphenylamine
 Concen: 35.07 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

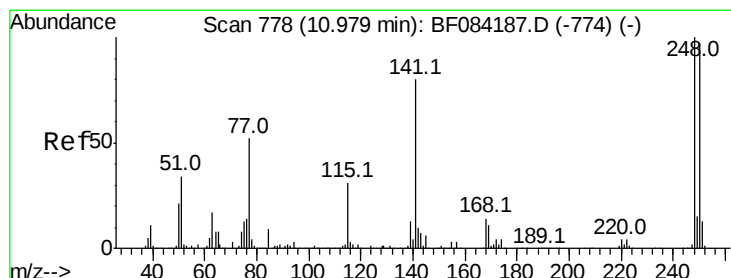
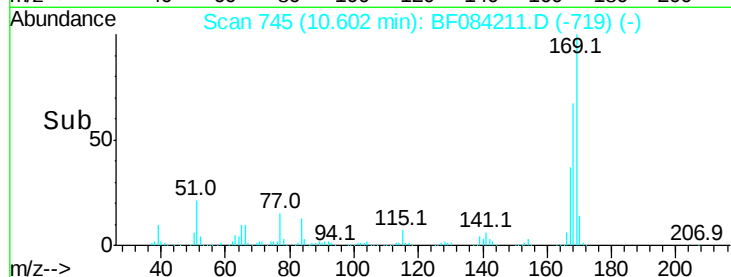
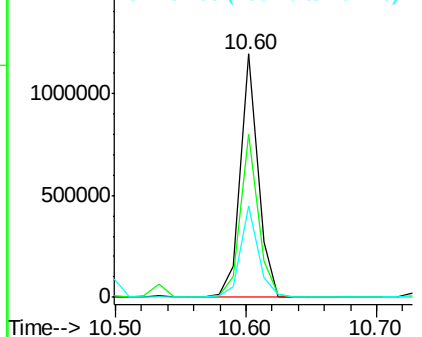
Tot Ion:169 Resp: 1121242
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.1 82.7
 167 37.3 30.0 45.0

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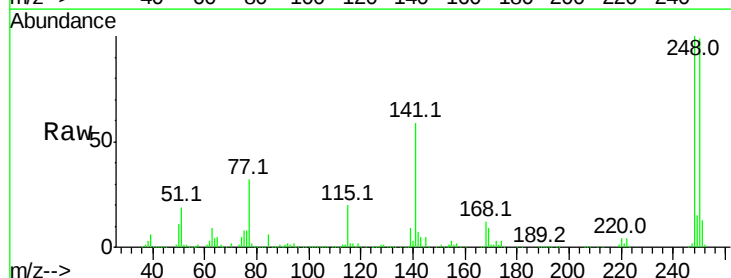


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

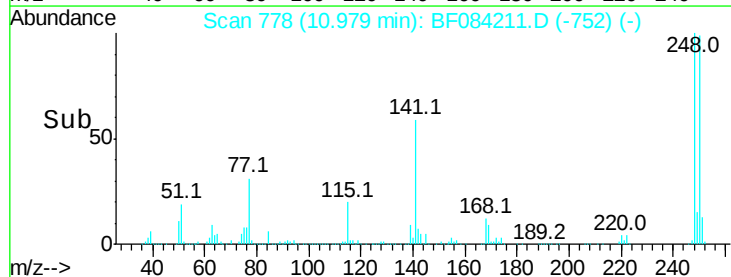
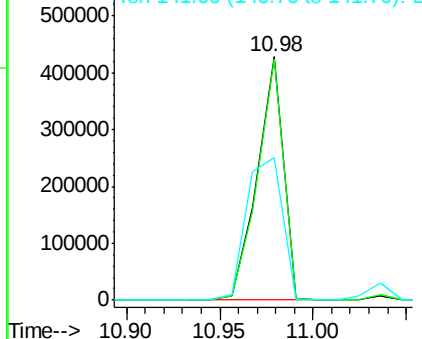


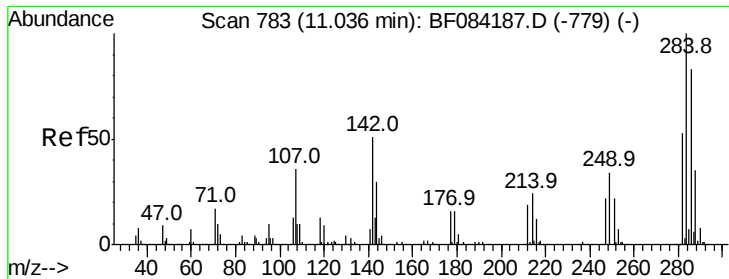
#66
 4-Bromophenyl-phenylether
 Concen: 38.45 ng
 RT: 10.98 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:248 Resp: 413874
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.4 117.6
 141 58.6 44.0 66.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





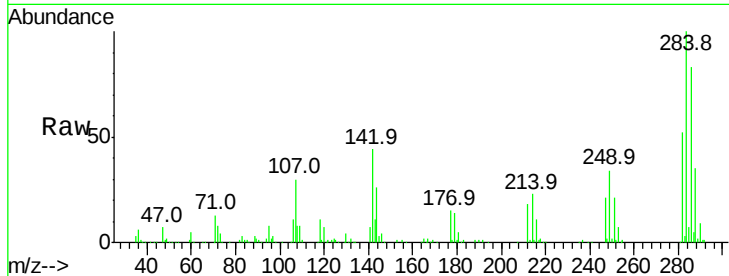
#67
Hexachlorobenzene
Concen: 34.15 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

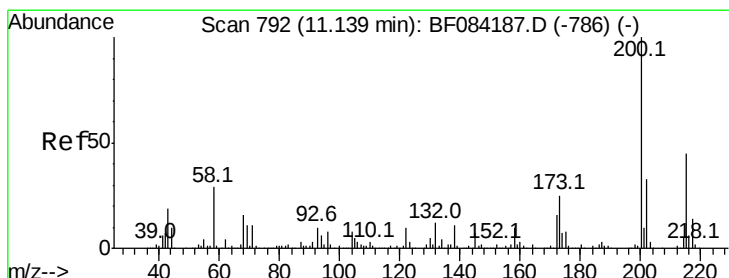
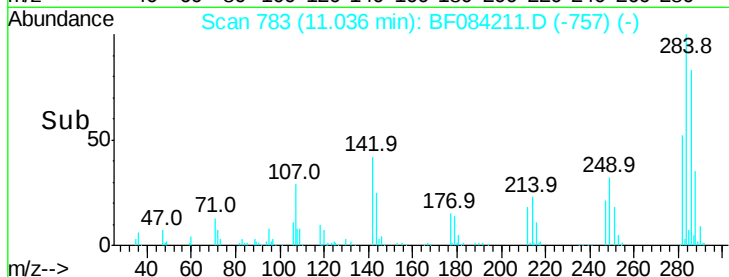
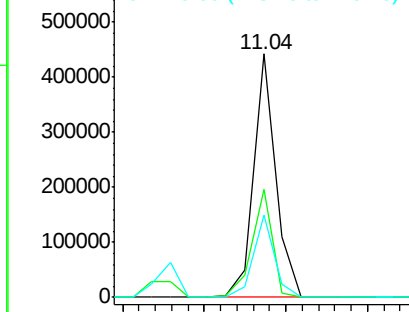
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	44.3	22.2	33.4#	
249	33.6	24.6	37.0	

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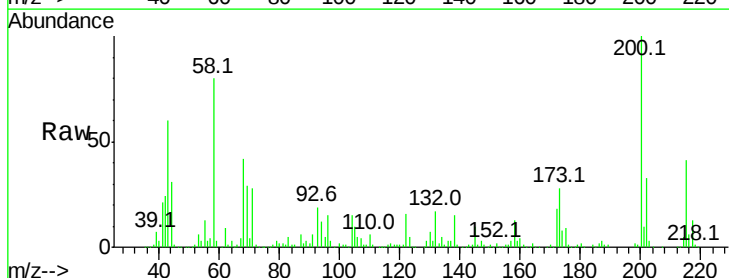


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

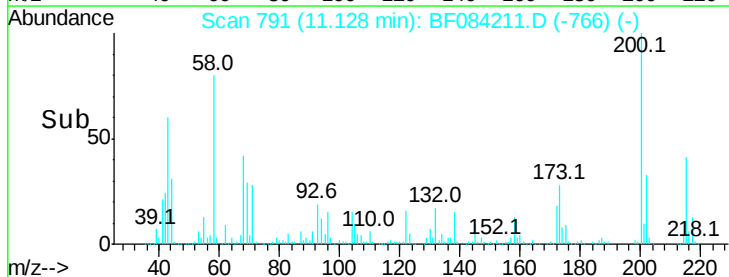
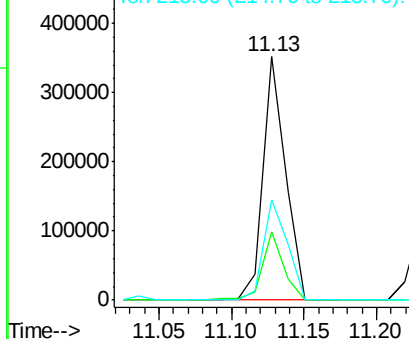


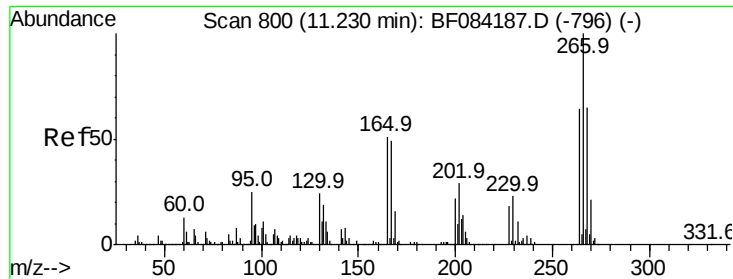
#68
Atrazine
Concen: 36.14 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	9.5	49.5	
215	41.2	23.8	63.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





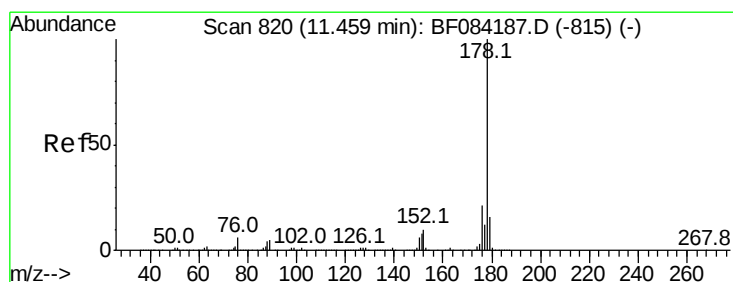
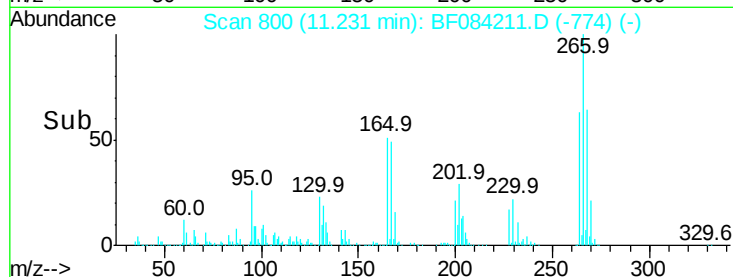
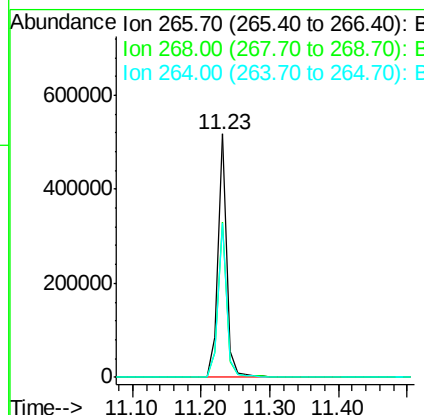
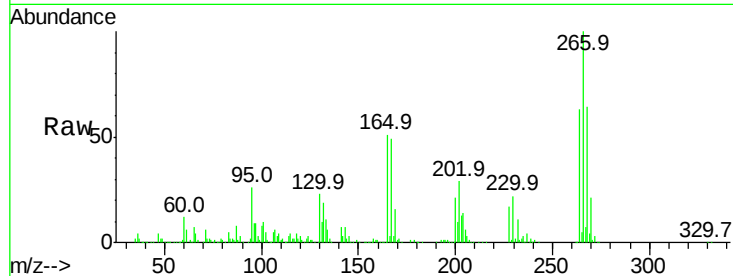
#69
 Pentachlorophenol
 Concen: 75.39 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	473505		
268	63.6	52.4	78.6	
264	63.1	50.2	75.2	

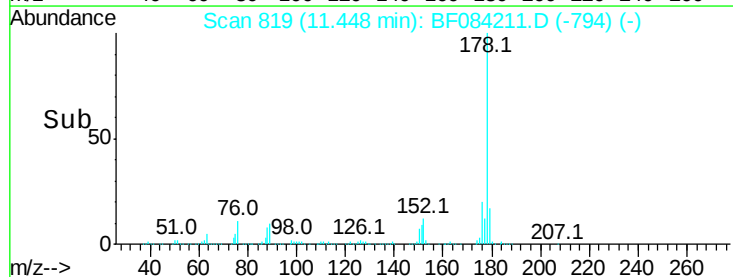
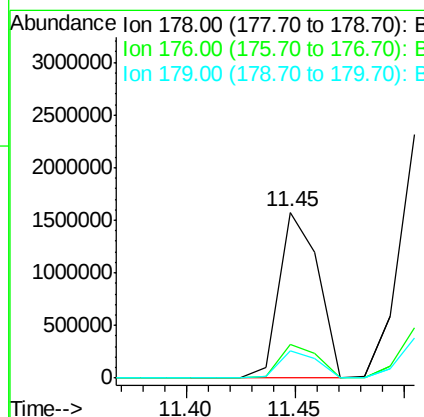
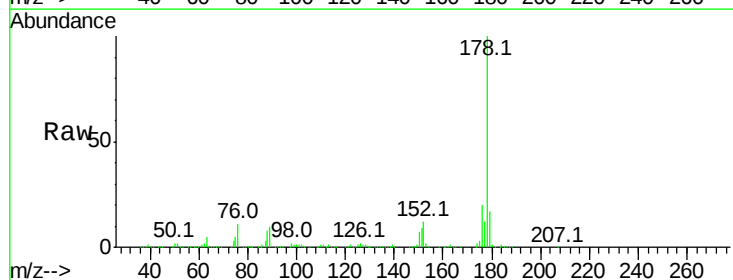
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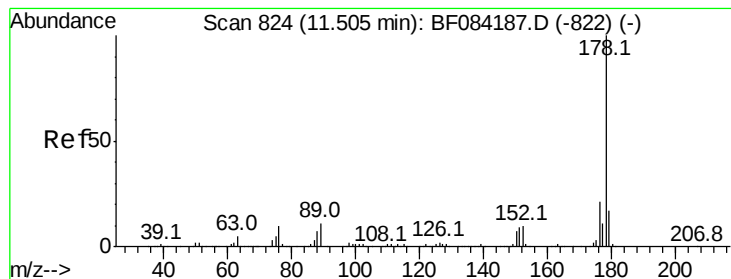
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#70
 Phenanthrene
 Concen: 37.70 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1971677		
176	20.2	15.3	22.9	
179	16.7	12.0	18.0	





#71

Anthracene

Concen: 40.33 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:178 Resp: 2068072

Ion Ratio Lower Upper

178 100

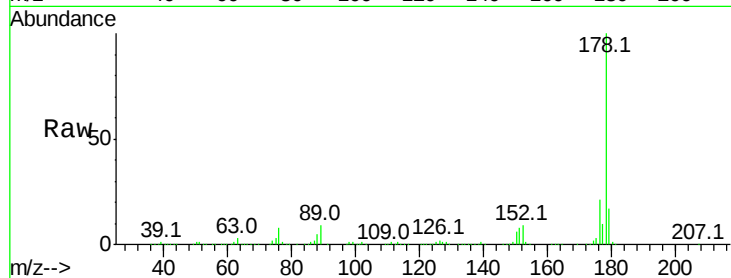
176 20.6 15.4 23.0

179 16.7 12.5 18.7

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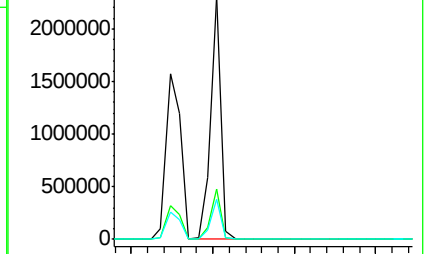
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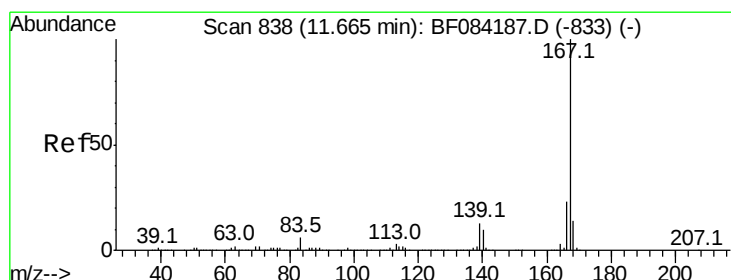
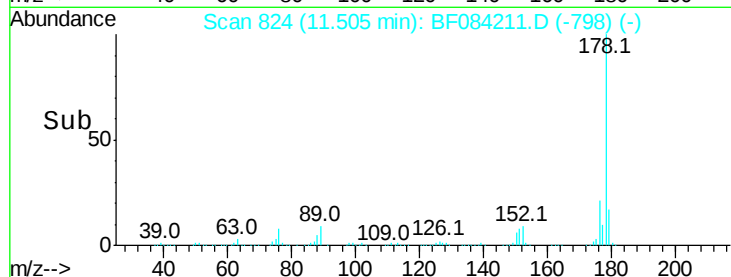
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 32.73 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

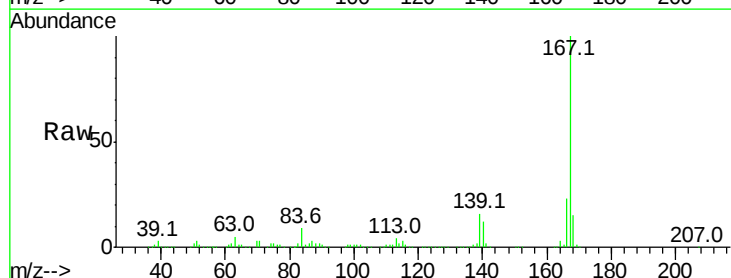
Tgt Ion:167 Resp: 1640726

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

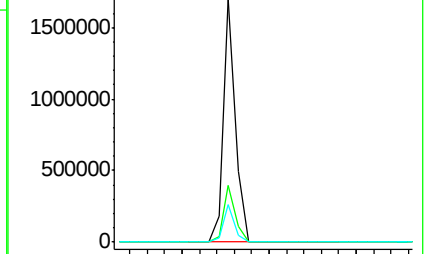
139 15.6 11.8 17.8



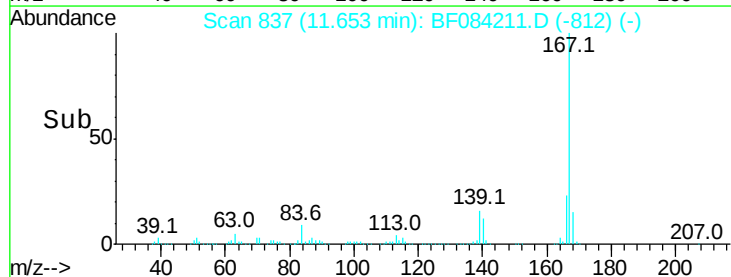
Abundance Ion 167.00 (166.70 to 167.70): E

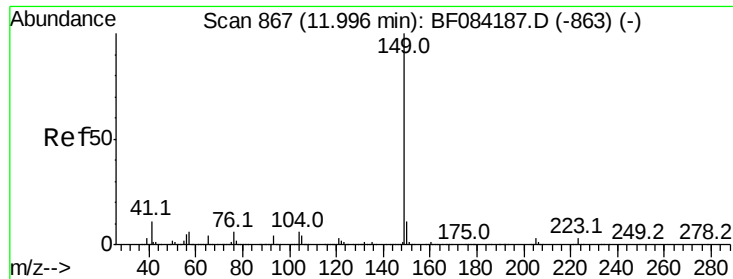
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





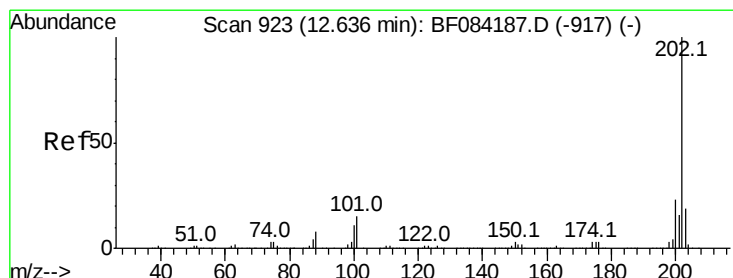
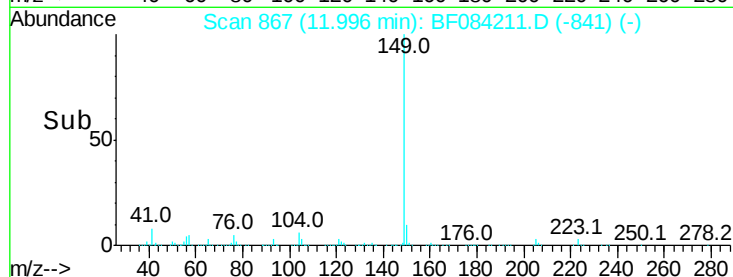
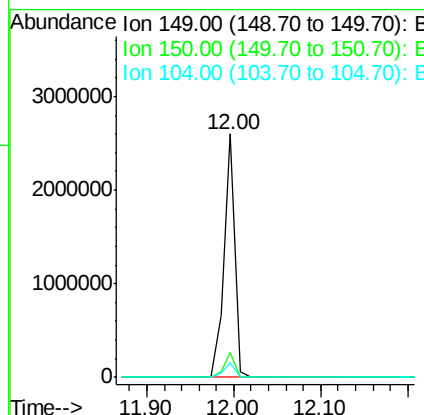
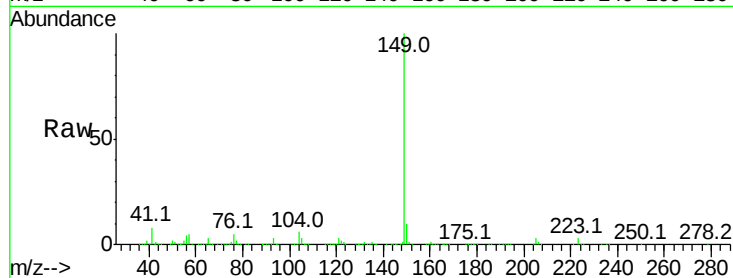
#73
Di-n-butylphthalate
Concen: 42.37 ng
RT: 12.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.1	10.7
104	5.7	3.2	4.8

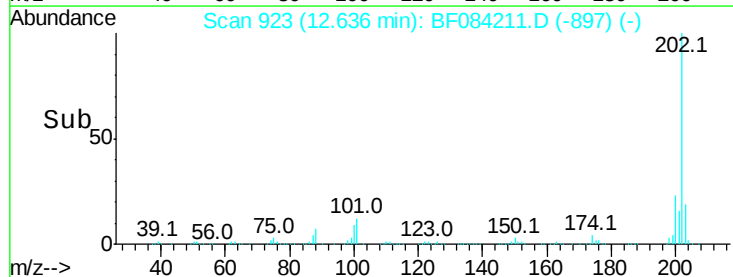
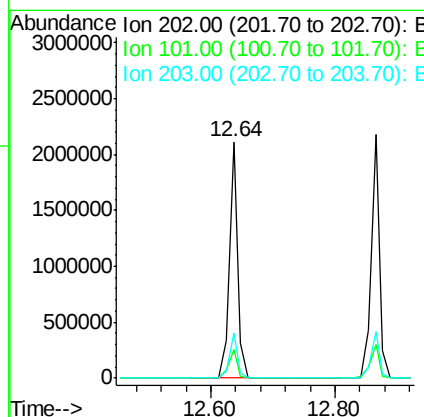
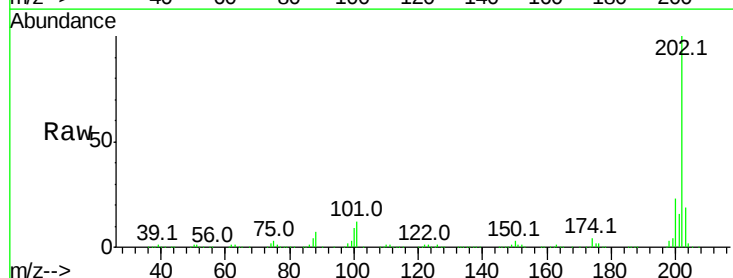
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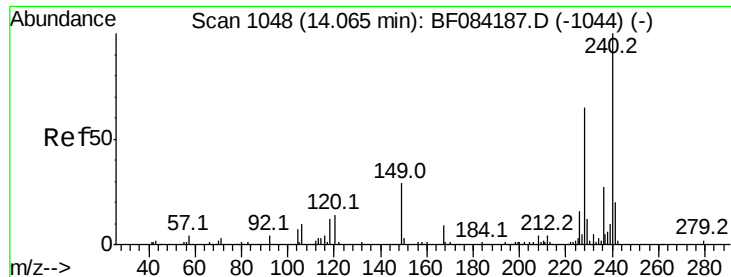
UMANGI
1/4/2016 4:29:44 PM



#74
Fluoranthene
Concen: 34.94 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.8
203	19.1	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: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

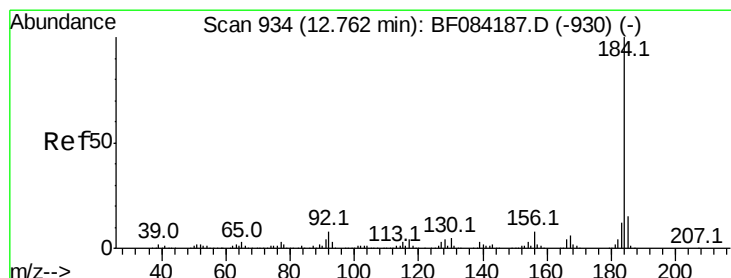
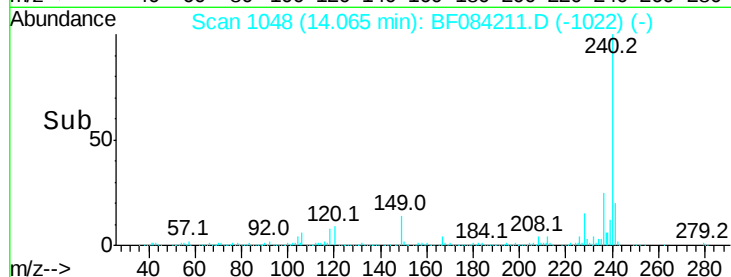
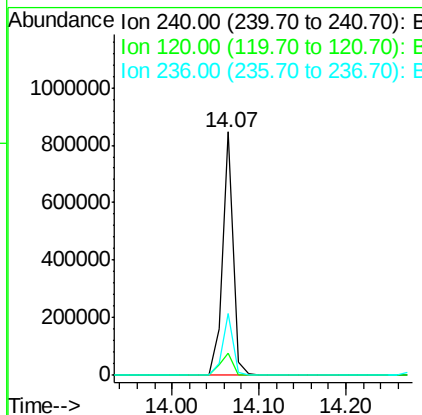
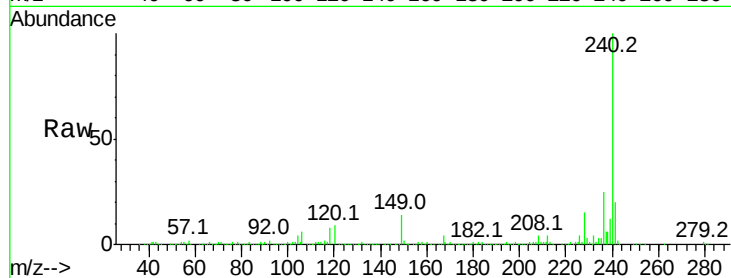
ClientSampleId :

PB87590BS

Tot Ion:	240	Resp:	734274
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	25.2	20.6	31.0

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1/4/2016 4:29:44 PM



#76

Benzidine

Concen: 19.23 ng

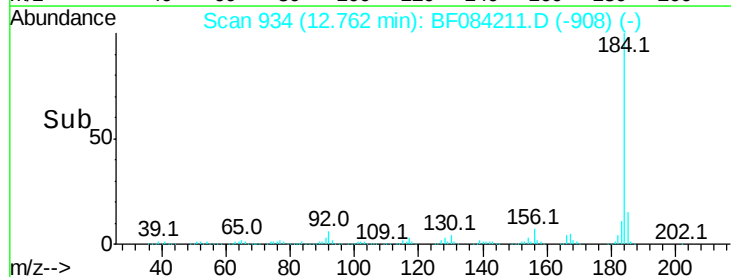
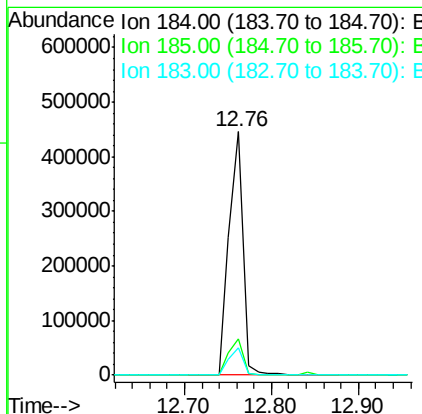
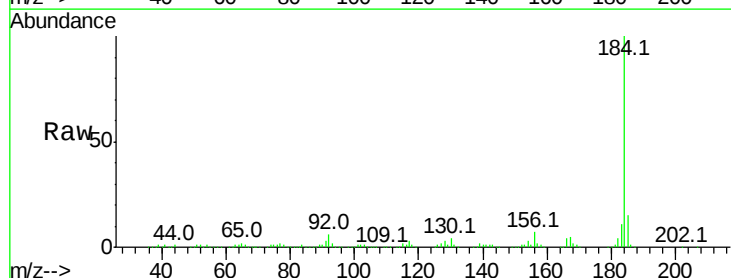
RT: 12.76 min Scan# 934

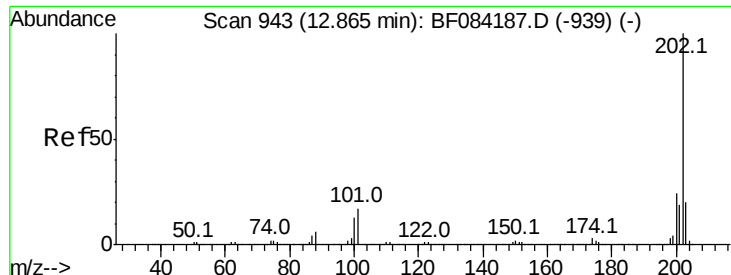
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:	184	Resp:	506340
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.3	9.8	14.8





#77

Pvrene

Concen: 34.18 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:202 Resp: 1969477

Ion Ratio Lower Upper

202 100

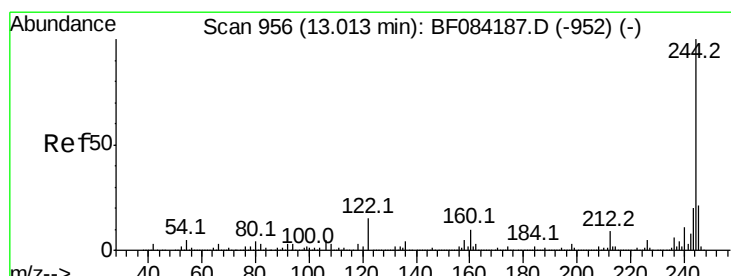
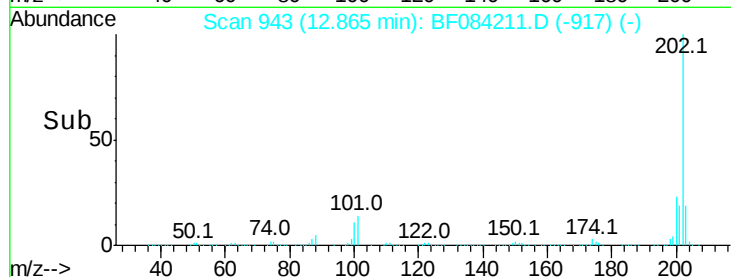
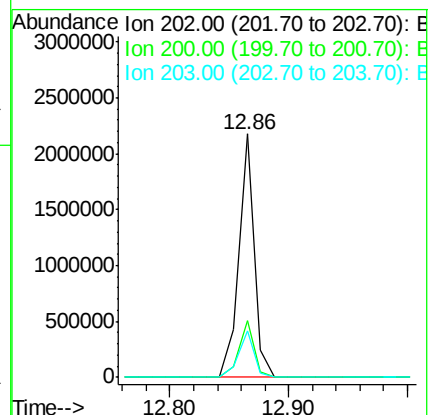
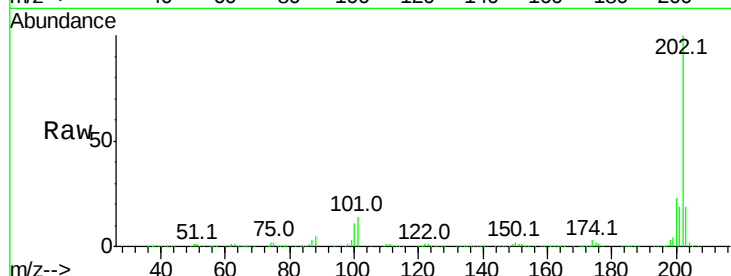
200 23.2 17.2 25.8

203 18.9 14.3 21.5

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1/4/2016 4:29:44 PM



#78

Terphenyl-d14

Concen: 67.26 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

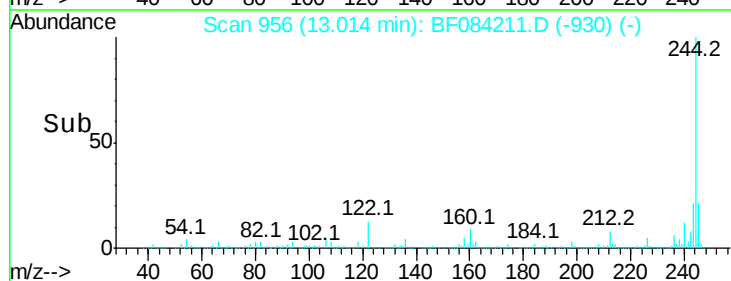
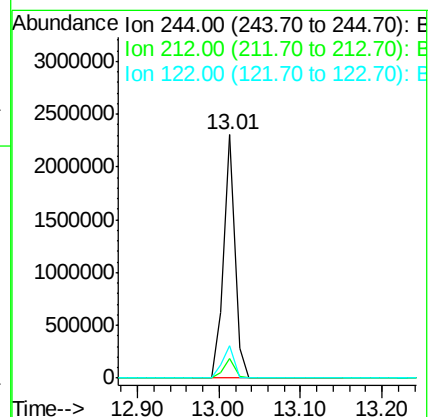
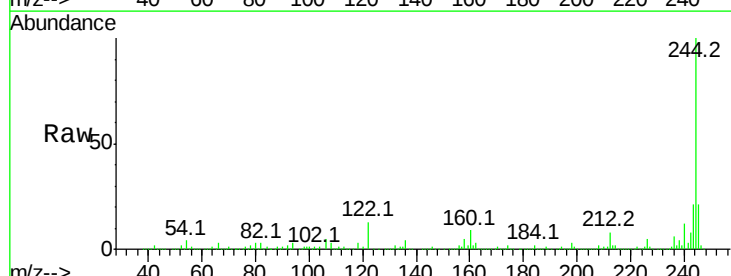
Tgt Ion:244 Resp: 2212431

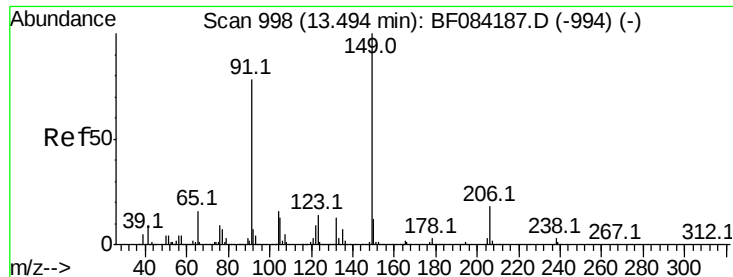
Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

122 13.2 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 39.26 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

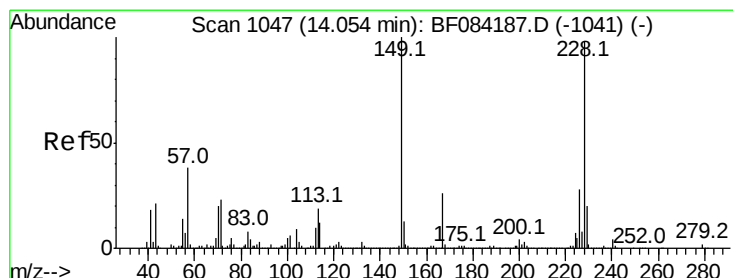
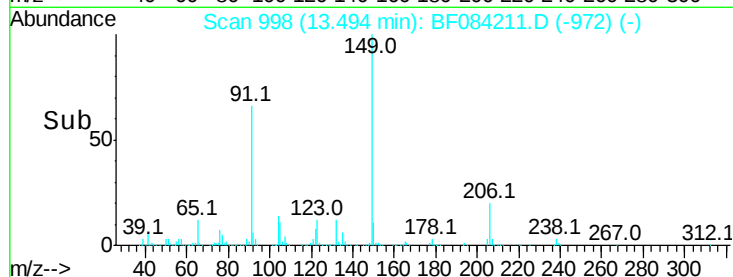
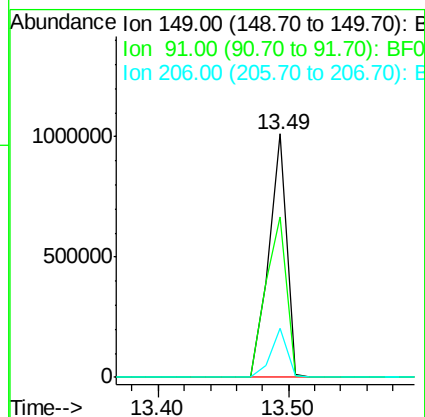
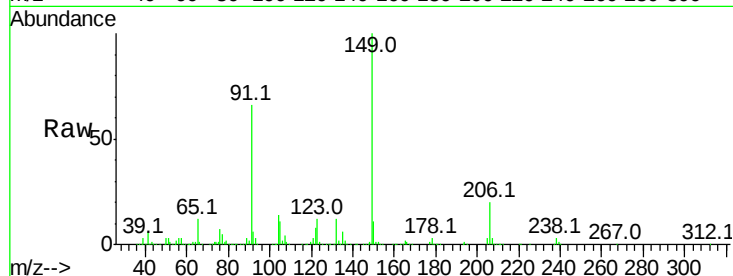
PB87590BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	65.9	57.6	86.4	
206	20.4	13.2	19.8	



#80

Benzo(a)anthracene

Concen: 33.72 ng

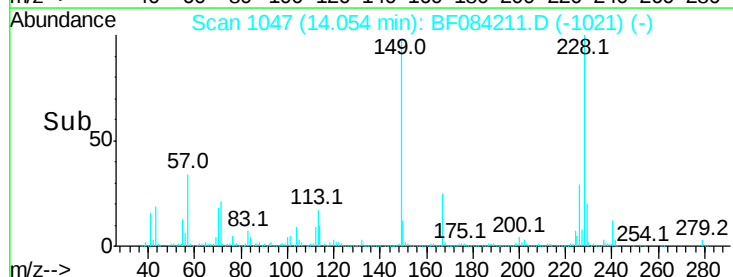
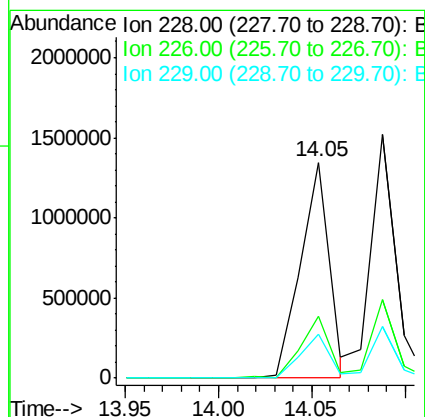
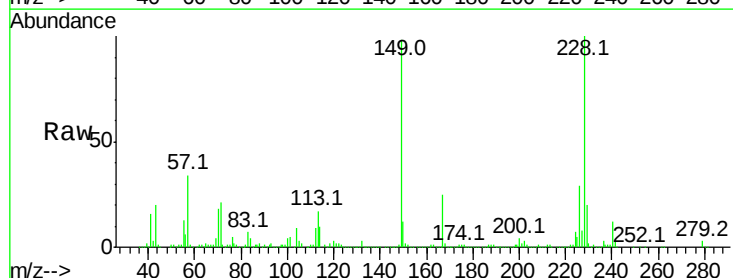
RT: 14.05 min Scan# 1047

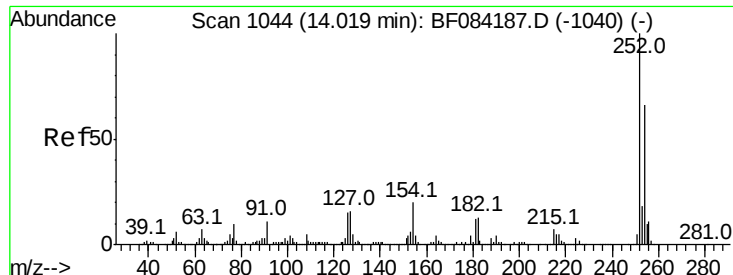
Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.7	21.8	32.6	
229	20.3	15.8	23.8	





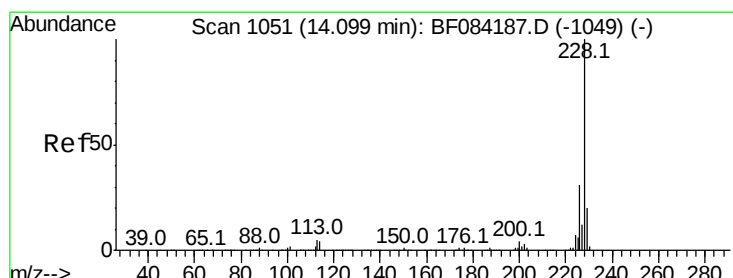
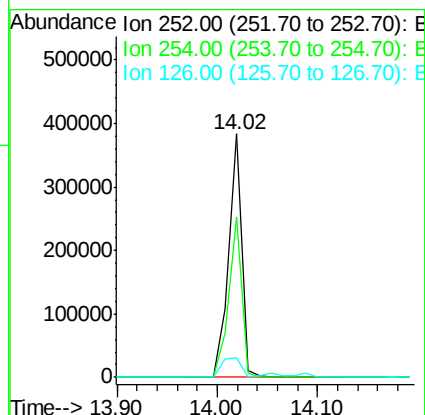
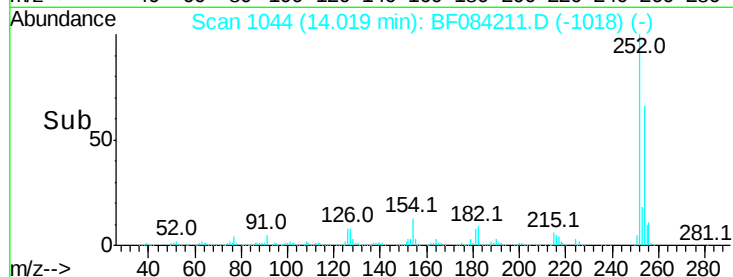
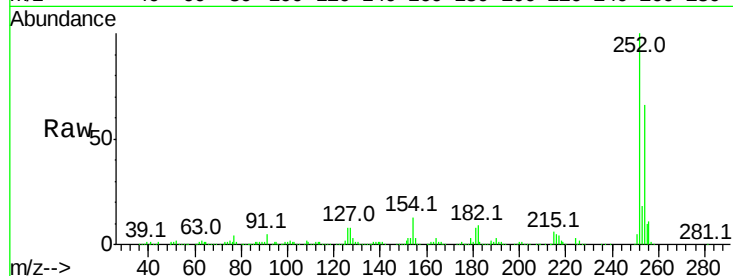
#81
 3,3'-Dichlorobenzidine
 Concen: 23.17 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.1	53.5	80.3
126	7.9	4.9	7.3

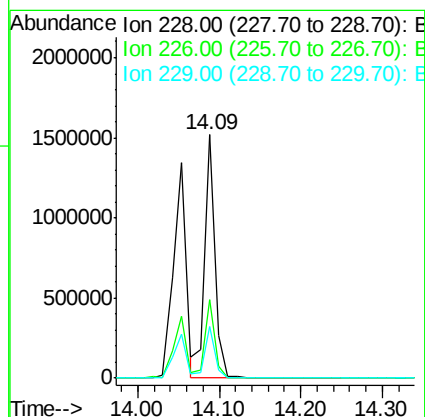
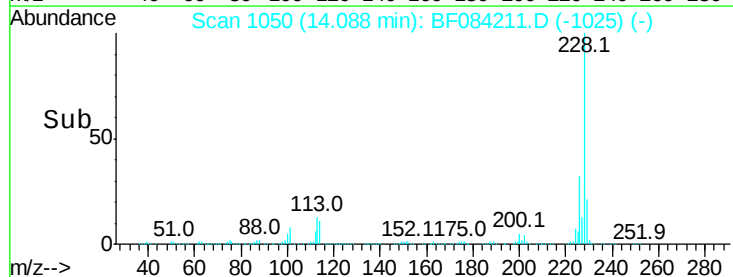
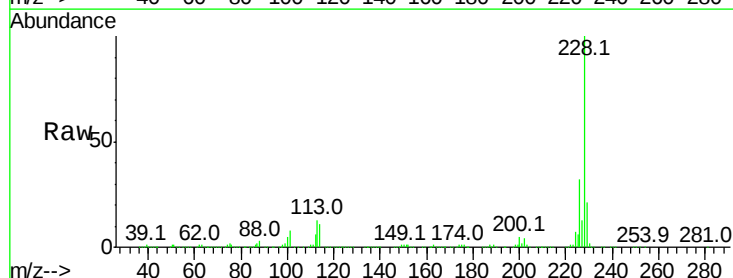
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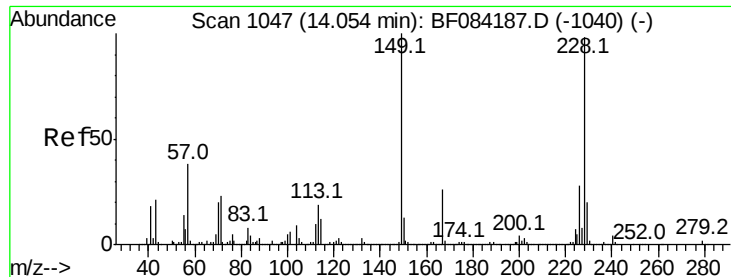
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 1/4/2016 4:29:44 PM



#82
 Chrysene
 Concen: 33.17 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	24.3	36.5
229	21.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.86 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:149 Resp: 1129742

Ion Ratio Lower Upper

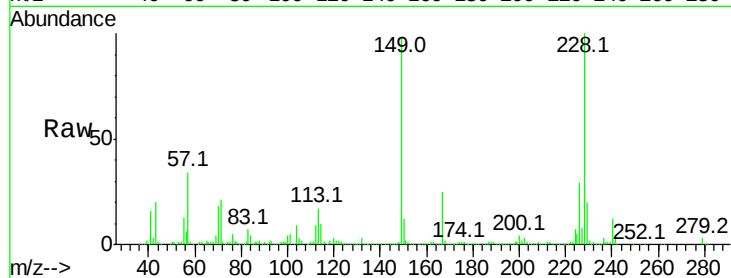
149 100

167 25.8 19.7 29.5

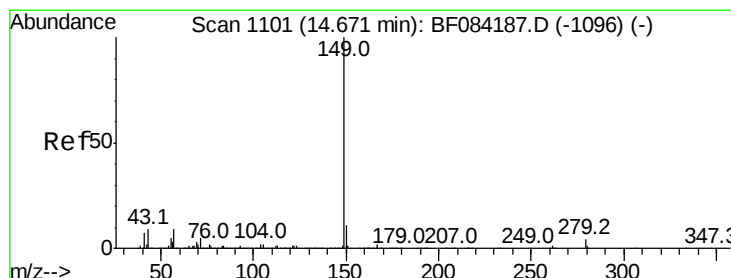
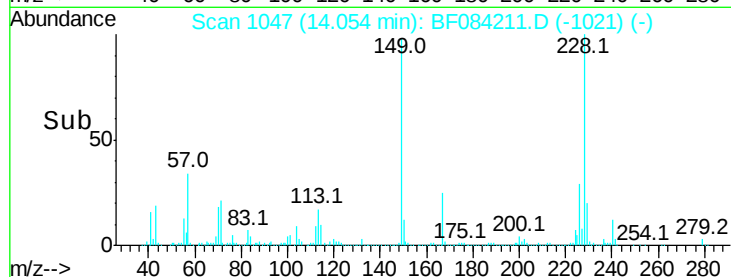
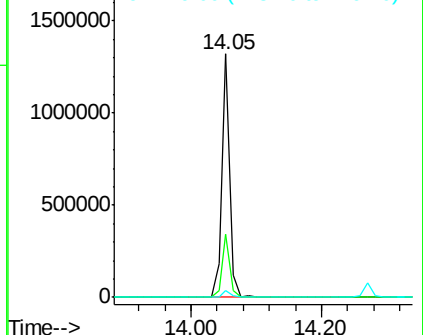
279 2.6 1.8 2.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.86 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

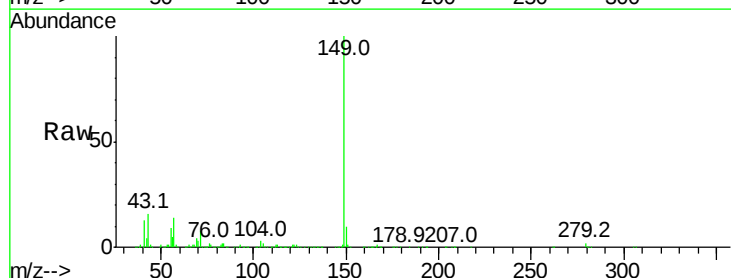
Tgt Ion:149 Resp: 1800658

Ion Ratio Lower Upper

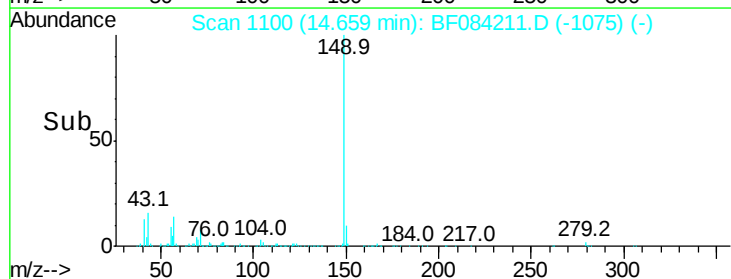
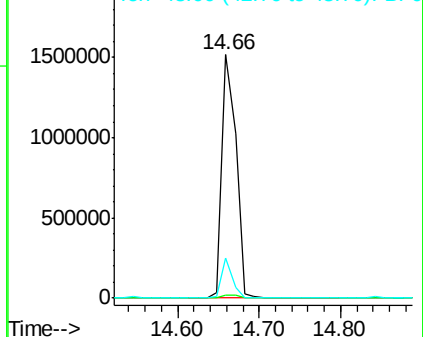
149 100

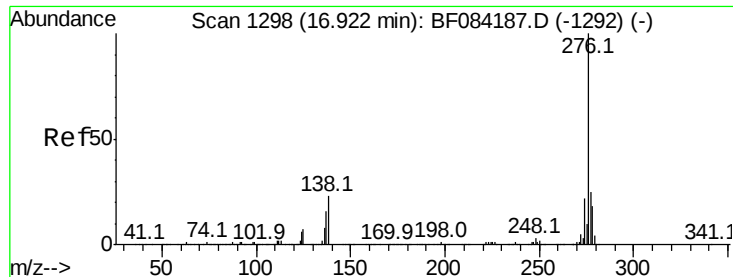
167 1.6 1.2 1.8

43 12.7 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.12 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tot Ion:276 Resp: 1251803

Ion Ratio Lower Upper

276 100

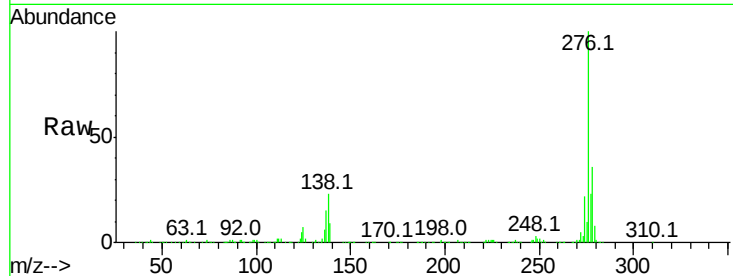
138 26.2 20.6 30.8

277 24.4 20.1 30.1

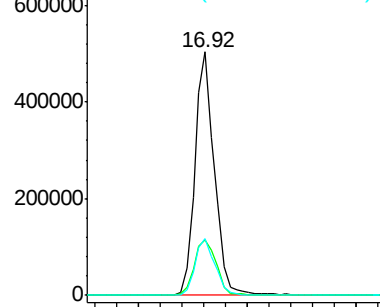
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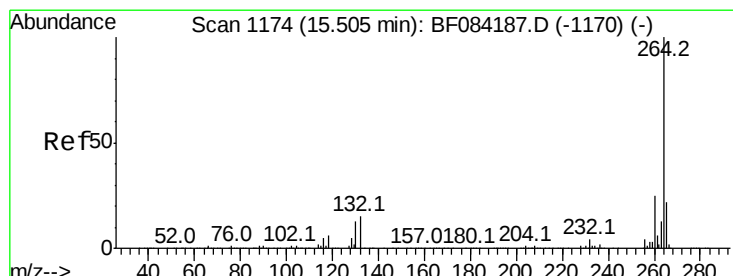
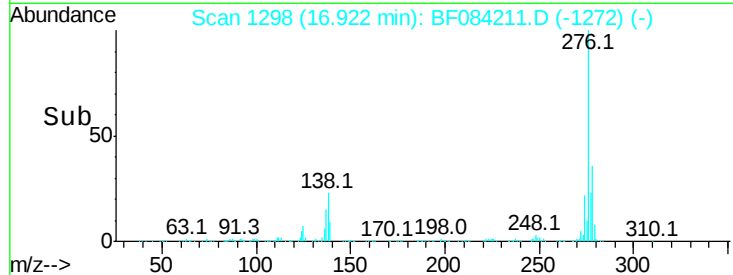
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

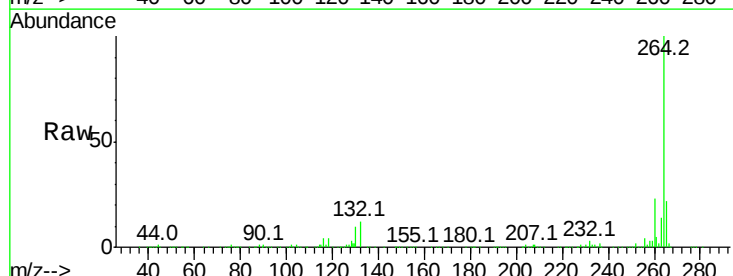
Tgt Ion:264 Resp: 535158

Ion Ratio Lower Upper

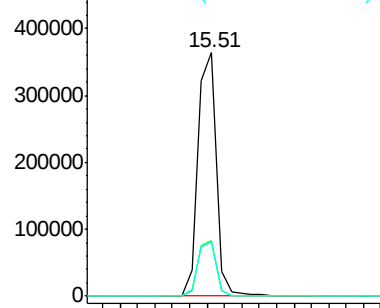
264 100

260 22.8 19.4 29.2

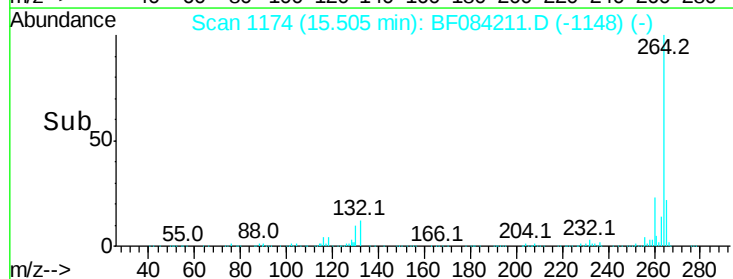
265 22.0 17.8 26.6

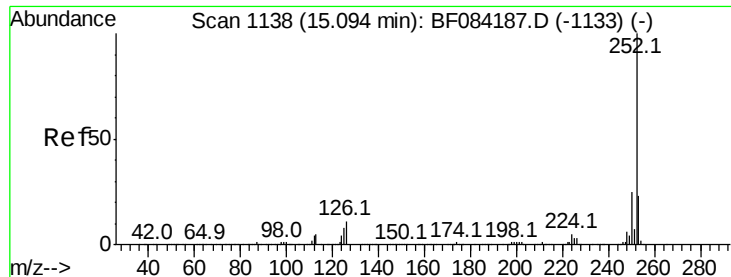


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 43.13 ng m

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

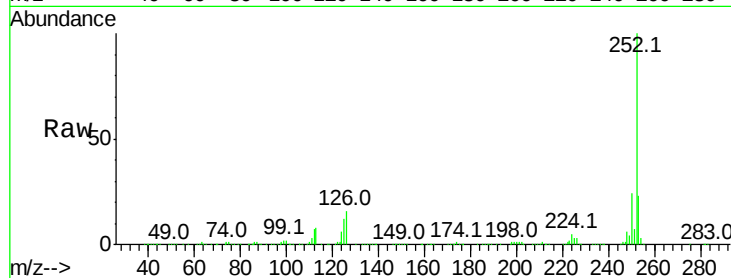
ClientSampled :

PB87590BS

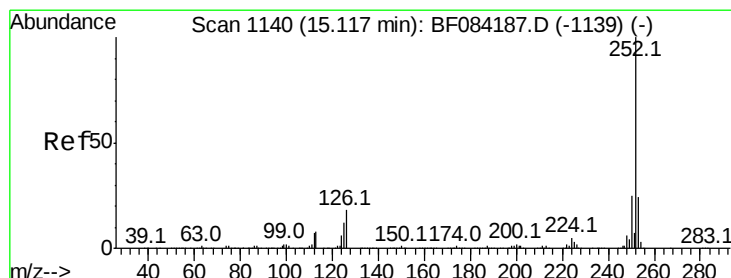
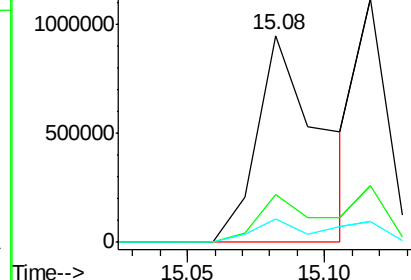
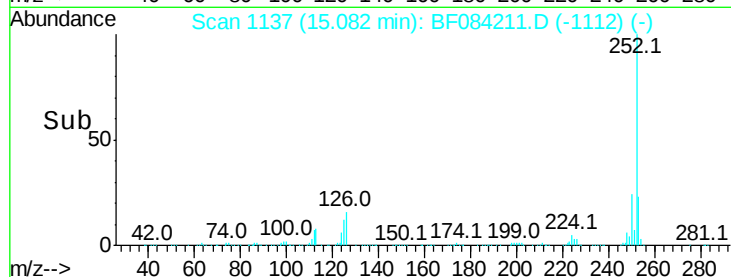
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	11.6	6.5	9.7#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 30.96 ng m

RT: 15.12 min Scan# 1140

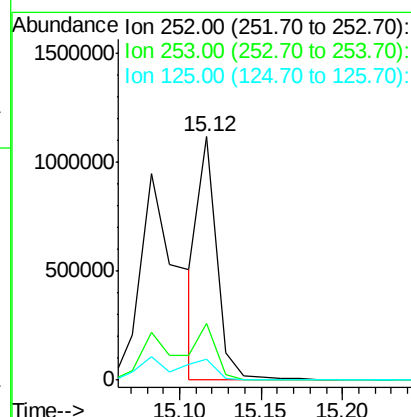
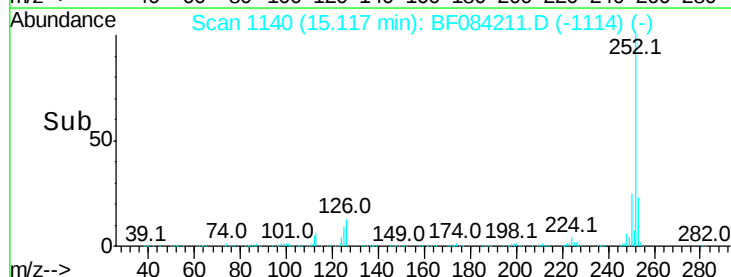
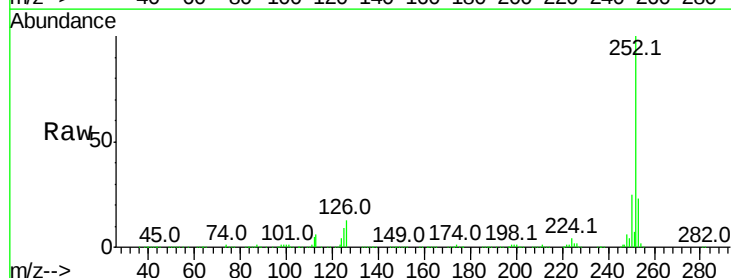
Delta R.T. 0.00 min

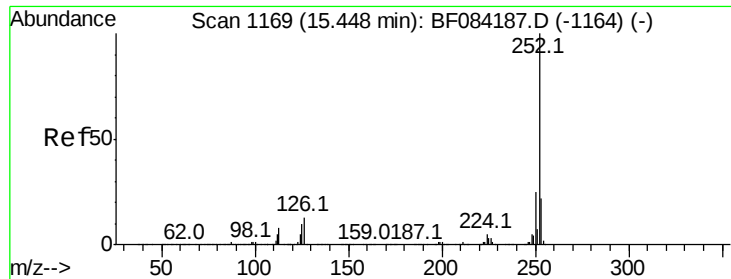
Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	8.7	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





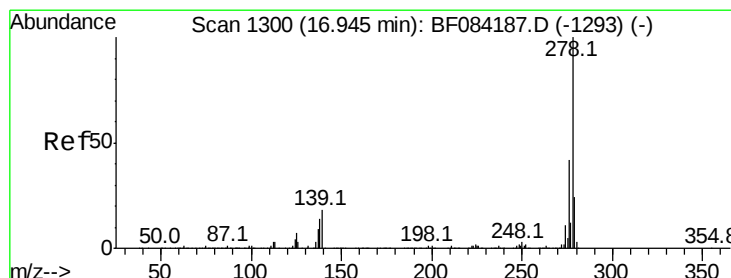
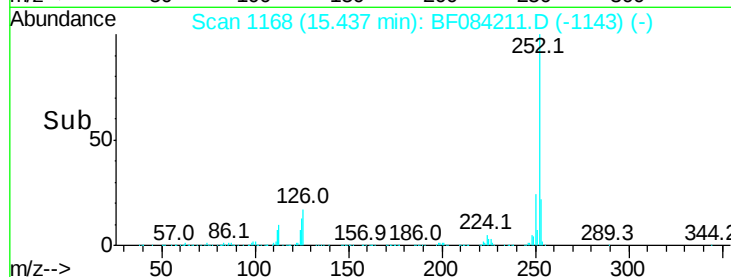
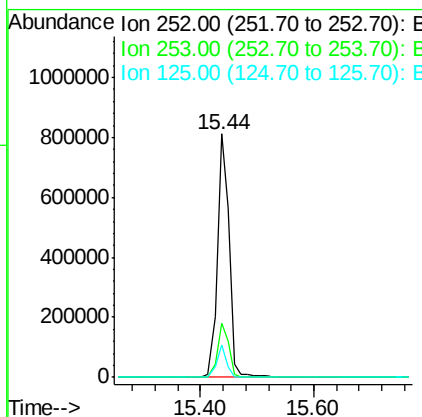
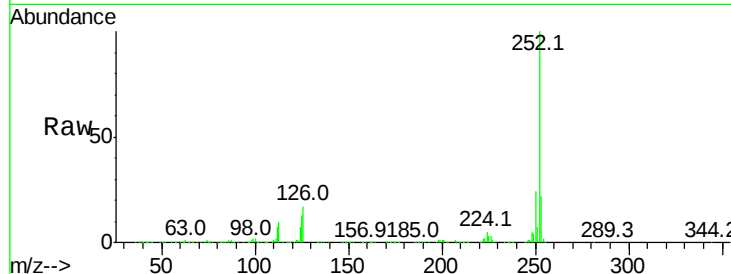
#89
Benzo(a)pyrene
Concen: 38.67 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tot Ion:252 Resp: 1148260
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 13.2 7.0 10.4#

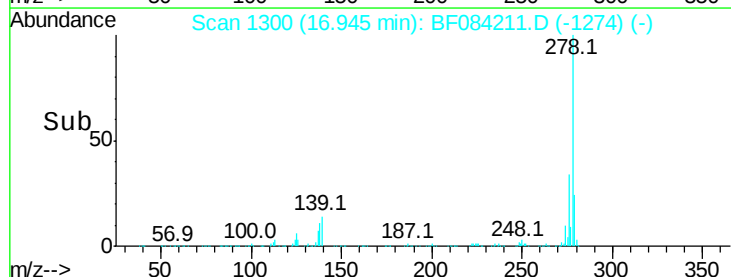
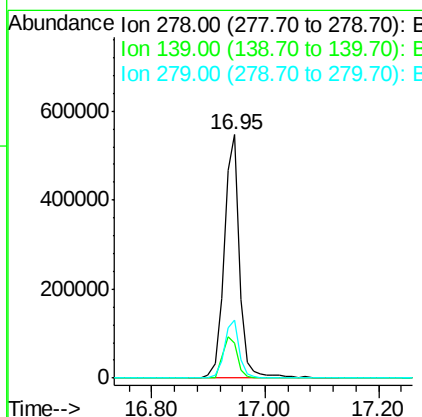
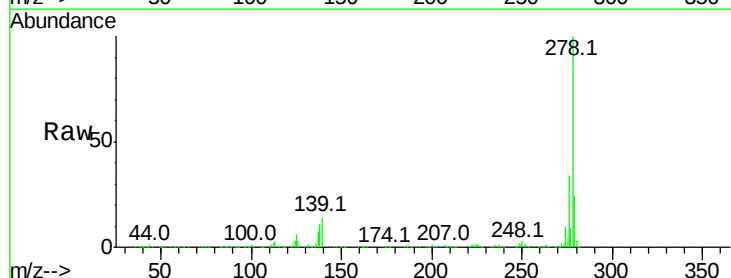
Manual Integrations
APPROVED

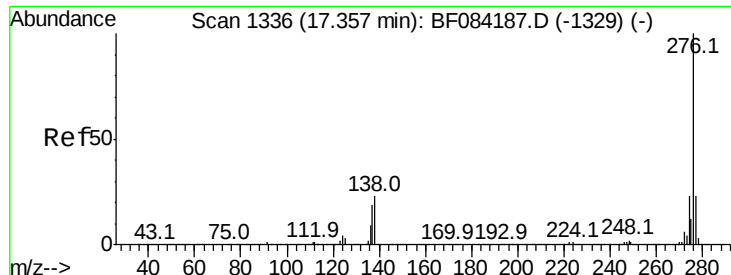
UMANGI
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#90
Dibenzo(a,h)anthracene
Concen: 40.55 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:278 Resp: 1036071
Ion Ratio Lower Upper
278 100
139 14.4 15.0 22.4#
279 23.8 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 39.92 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.4	17.8	26.6

Manual Integrations
 APPROVED

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