

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082224.D
 Acq On : 12 Oct 2015 17:09
 Operator : UM/IZ
 Sample : G3990-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:39 PM

Quant Time: Oct 13 02:32:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65696	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	257555	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	131267	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	258254	20.00	ng	0.00
75) Chrysene-d12	14.01	240	250165	20.00	ng	0.00
86) Perylene-d12	15.44	264	196145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	240963	74.03	ng	0.00
7) Phenol-d6	6.47	99	204365	48.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	439405	114.57	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	216164	175.59	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	852532	107.71	ng	0.00
78) Terphenyl-d14	12.95	244	923996	97.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	28256	17.28	ng	# 89
3) Pyridine	3.15	79	58389	15.35	ng	96
4) n-Nitrosodimethylamine	3.09	42	26718	16.56	ng	99
6) Aniline	6.49	93	104615	19.15	ng	96
8) 2-Chlorophenol	6.62	128	174769	43.98	ng	95
9) Benzaldehyde	6.38	77	119843	55.40	ng	97
10) Phenol	6.48	94	83125	17.02	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	215748	52.24	ng	99
12) 1,3-Dichlorobenzene	6.77	146	203798	44.04	ng	96
13) 1,4-Dichlorobenzene	6.85	146	214256	44.33	ng	97
14) 1,2-Dichlorobenzene	7.01	146	215301m	46.92	ng	
15) Benzyl Alcohol	6.98	79	101398	34.67	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	297358	51.70	ng	96
17) 2-Methylphenol	7.10	107	116973	37.22	ng	97
18) Hexachloroethane	7.35	117	69881	42.24	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	149622	50.30	ng	98
20) 3+4-Methylphenols	7.25	107	122183	32.63	ng	# 38
22) Acetophenone	7.25	105	280463	55.05	ng	94
24) Nitrobenzene	7.43	77	208926	50.33	ng	# 81
25) Isophorone	7.66	82	388754	50.22	ng	100
26) 2-Nitrophenol	7.74	139	110429	53.27	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	168793	50.54	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	252888	56.15	ng	99
29) 2,4-Dichlorophenol	7.98	162	173886	52.09	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	186045	48.35	ng	96
31) Naphthalene	8.15	128	577179	51.70	ng	99
32) Benzoic acid	7.86	122	35185	15.70	ng	94
33) 4-Chloroaniline	8.19	127	67036	14.46	ng	98
34) Hexachlorobutadiene	8.25	225	106295	44.33	ng	99
35) Caprolactam	8.57	113	8764	9.05	ng	# 79
36) 4-Chloro-3-methylphenol	8.67	107	167732	51.38	ng	99
37) 2-Methylnaphthalene	8.83	142	415907	53.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	204477	52.37	ng	98
40) Hexachlorocyclopentadiene	8.98	237	153504	77.94	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137868	53.16	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	156216	55.61	nq #	93
45) 1,1'-Biphenyl	9.30	154	546271	54.57	nq	96
46) 2-Chloronaphthalene	9.33	162	425106	53.95	nq	96
47) 2-Nitroaniline	9.43	65	129324	59.78	nq #	84
48) Acenaphthylene	9.74	152	644176	52.48	nq	99
49) Dimethylphthalate	9.61	163	571761	61.86	nq	98
50) 2,6-Dinitrotoluene	9.67	165	105324	54.00	nq #	78
51) Acenaphthene	9.91	154	383277	52.01	nq	98
52) 3-Nitroaniline	9.84	138	39842	18.08	nq	91
53) 2,4-Dinitrophenol	9.95	184	130261	116.36	nq #	87
54) Dibenzofuran	10.08	168	570494	56.39	nq	95
55) 4-Nitrophenol	10.01	139	52460	42.33	nq	93
56) 2,4-Dinitrotoluene	10.08	165	160661	65.91	nq	88
57) Fluorene	10.42	166	447708	53.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	137508	59.91	nq	95
59) Diethylphthalate	10.31	149	525117	60.95	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	224338	58.94	nq #	84
61) 4-Nitroaniline	10.46	138	106095	49.65	nq	97
62) Azobenzene	10.58	77	503764	59.74	nq	90
64) 4,6-Dinitro-2-methylphenol	10.48	198	79220	54.66	nq #	58
65) n-Nitrosodiphenylamine	10.55	169	424591	54.91	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	145012	56.11	nq #	83
67) Hexachlorobenzene	10.97	284	151417	54.17	nq #	76
68) Atrazine	11.07	200	151309	61.77	nq	99
69) Pentachlorophenol	11.18	266	174047	121.01	nq	98
70) Phenanthrene	11.39	178	771158	60.92	nq	99
71) Anthracene	11.44	178	744479	57.07	nq	99
72) Carbazole	11.60	167	692732	58.21	nq	99
73) Di-n-butylphthalate	11.93	149	820606	55.90	nq #	98
74) Fluoranthene	12.58	202	816515	60.06	nq	97
76) Benzidine	12.71	184	61132	8.43	nq	98
77) Pyrene	12.81	202	857754	57.78	nq	99
79) Butylbenzylphthalate	13.43	149	376890	55.63	nq	91
80) Benzo(a)anthracene	14.00	228	716823	55.07	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	94807	19.19	nq #	97
82) Chrysene	14.04	228	706475	51.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	477632	49.41	nq #	97
84) Di-n-octyl phthalate	14.60	149	773002	46.57	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	563542	51.70	nq	99
87) Benzo(b)fluoranthene	15.03	252	599005m	50.20	nq	
88) Benzo(k)fluoranthene	15.06	252	636829m	63.49	nq	
89) Benzo(a)pyrene	15.38	252	568955	55.48	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	465246	55.36	nq	98
91) Benzo(g,h,i)perylene	17.28	276	472680	57.89	nq	99

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

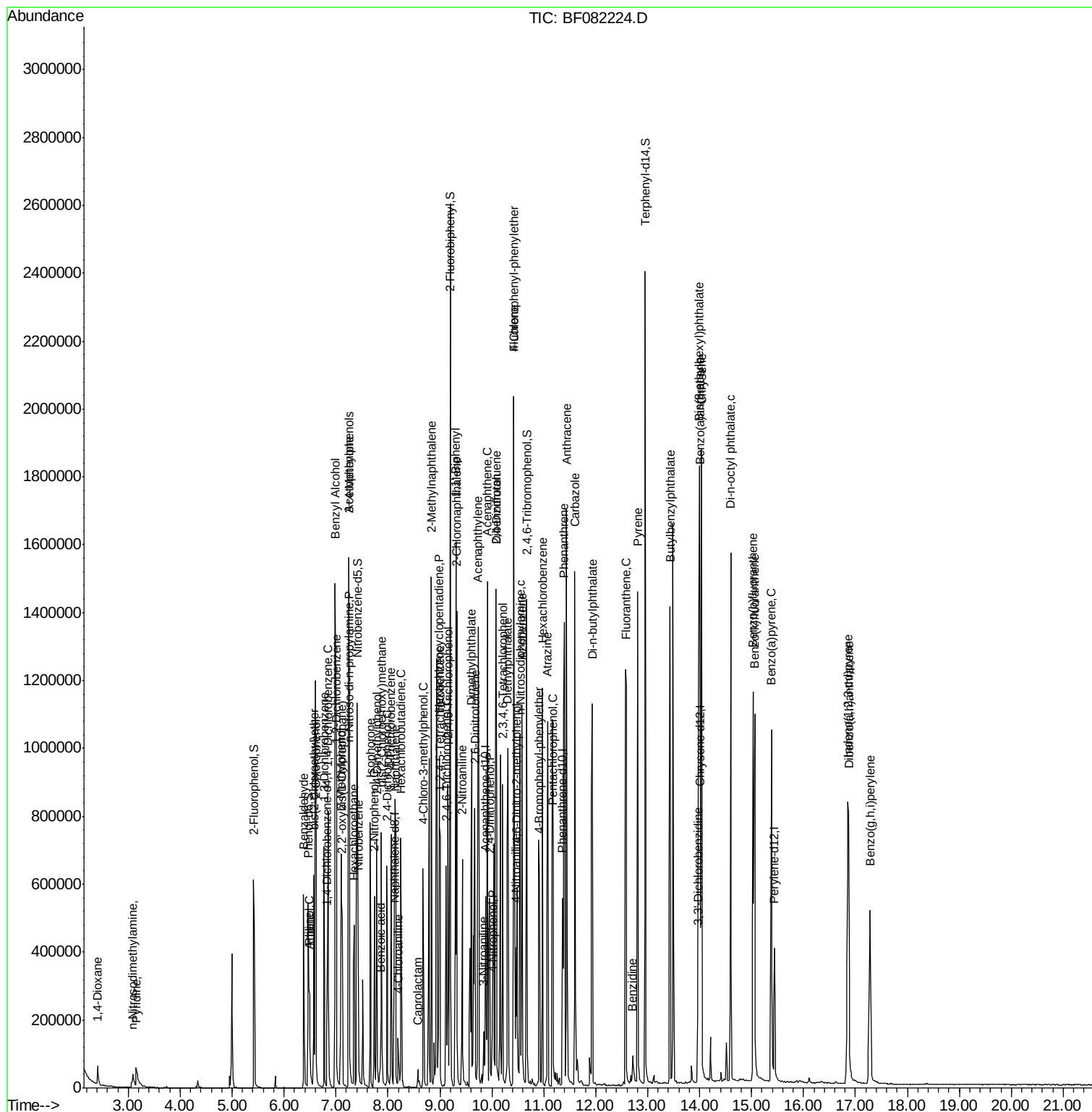
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Data File : BF082224.D
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Operator  : UM/IZ
Sample    : G3990-03MS
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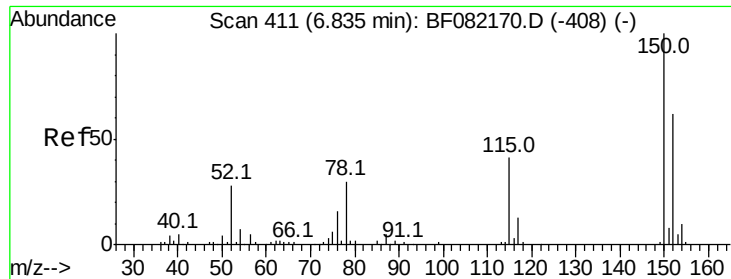
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

Tot Ion:152 Resp: 65696

Ion Ratio Lower Upper

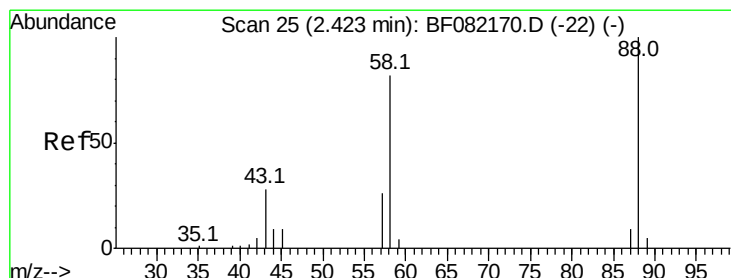
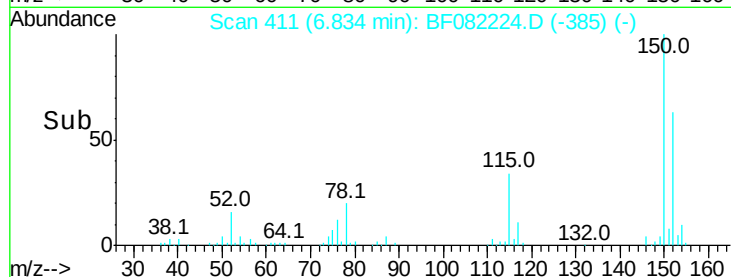
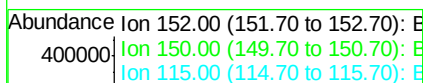
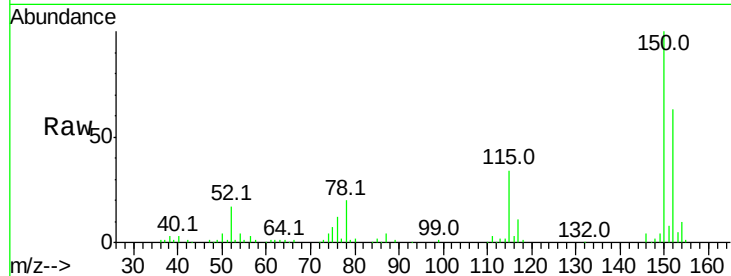
152 100

150 159.7 129.0 193.4

115 53.7 52.1 78.1

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#2

1,4-Dioxane

Concen: 17.28 ng

RT: 2.41 min Scan# 24

Delta R.T. 0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

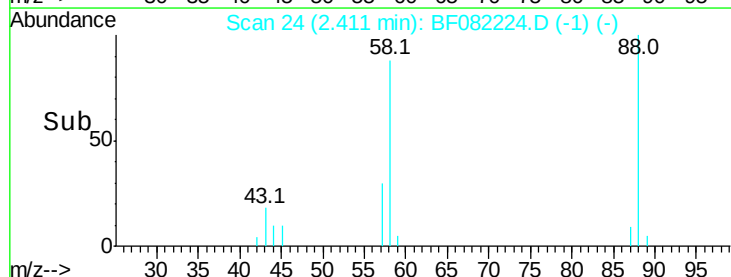
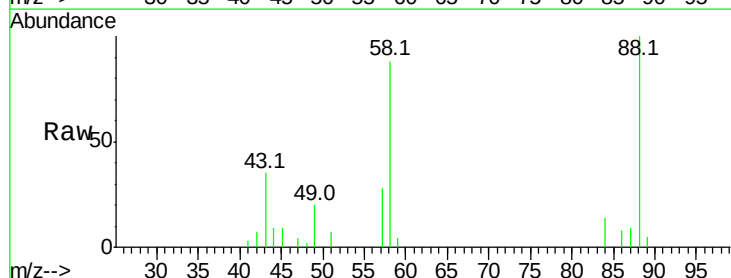
Tgt Ion: 88 Resp: 28256

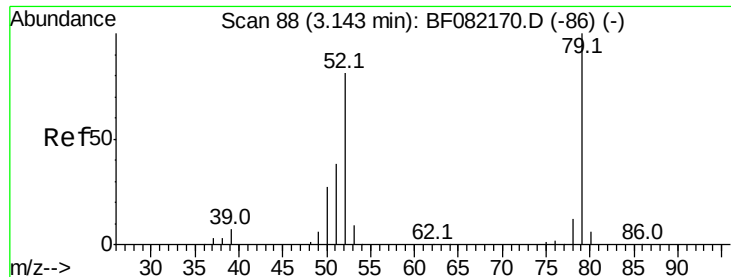
Ion Ratio Lower Upper

88 100

58 91.7 66.2 99.4

43 35.6 23.0 34.4#





#3

Pvridine

Concen: 15.35 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

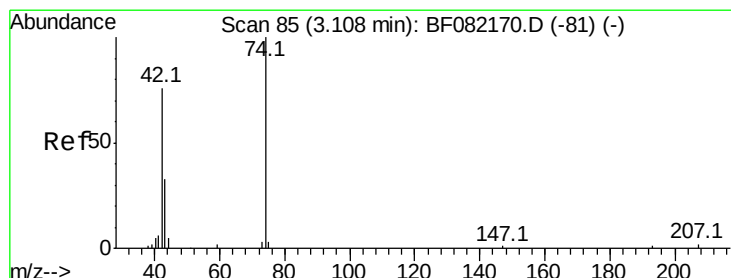
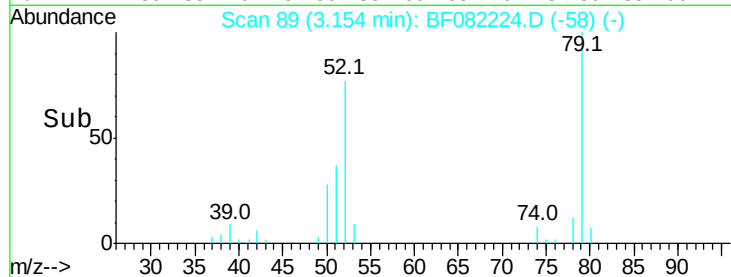
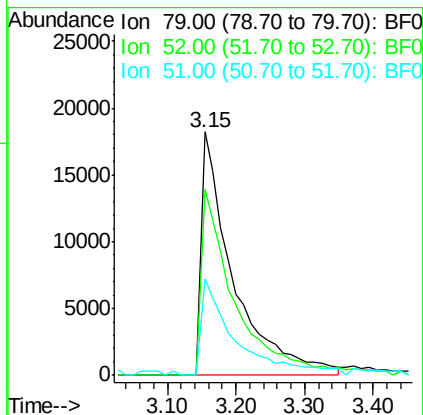
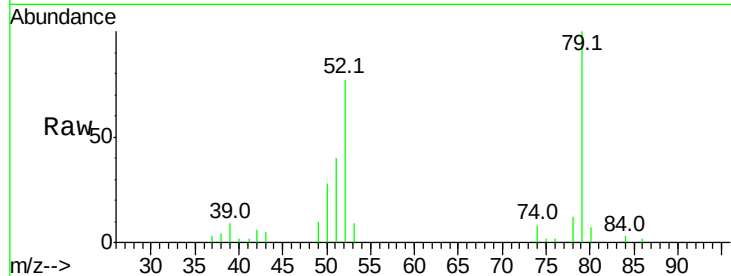
ClientSampleId :

TE-PMW(43)MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		58389		
52	76.5		64.4	96.6	
51	39.8		30.5	45.7	



#4

n-Nitrosodimethylamine

Concen: 16.56 ng

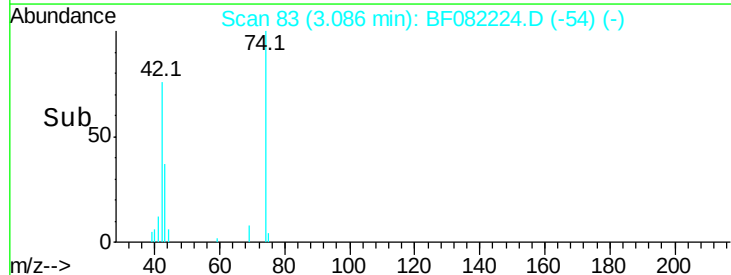
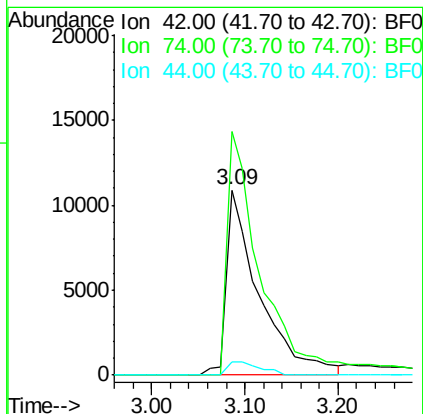
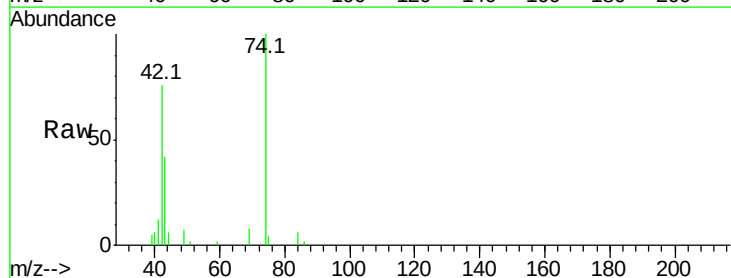
RT: 3.09 min Scan# 83

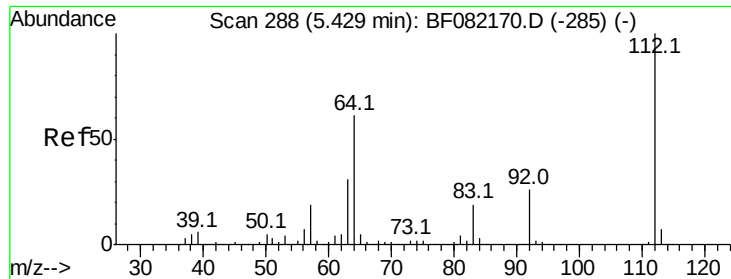
Delta R.T. 0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		26718		
74	131.5		105.7	158.5	
44	7.3		5.4	8.2	





#5

2-Fluorophenol

Concen: 74.03 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

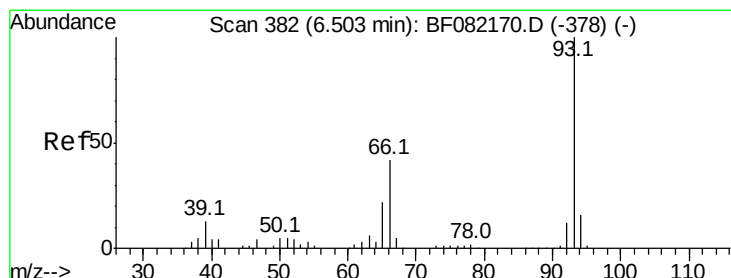
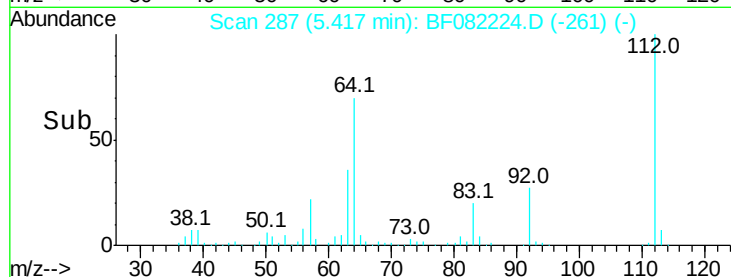
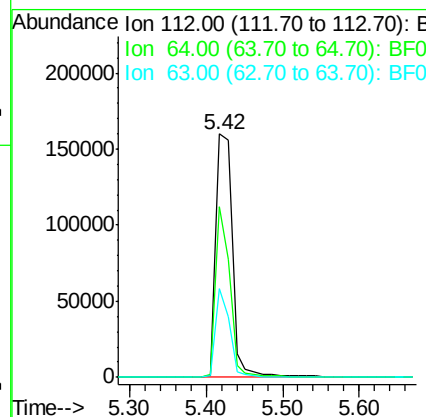
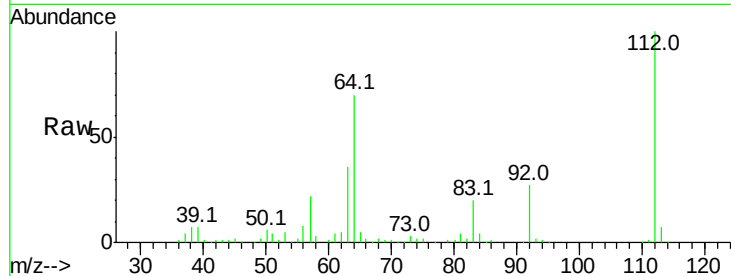
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	112	Resp:	240963
Ion Ratio	Lower	Upper	
112	100		
64	69.8	48.6	73.0
63	36.3	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 19.15 ng

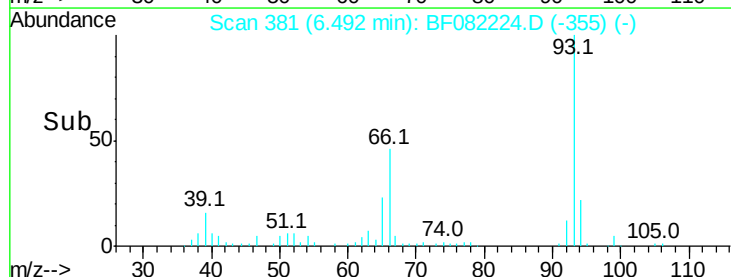
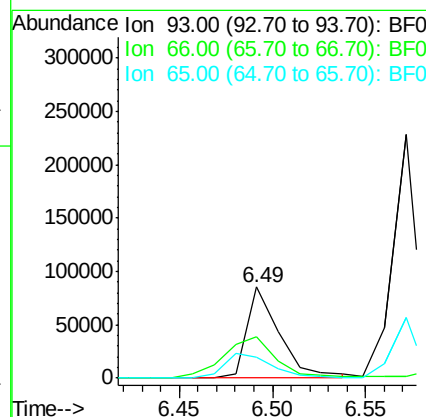
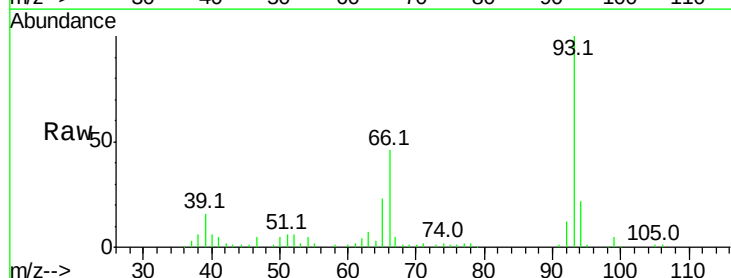
RT: 6.49 min Scan# 381

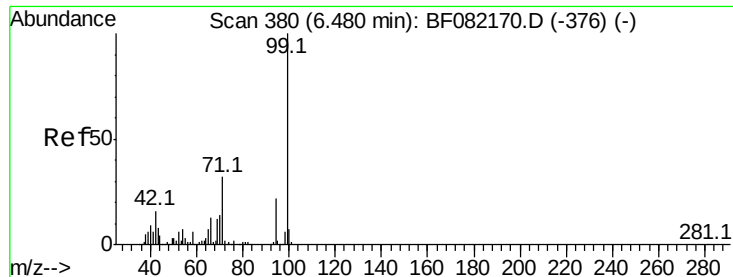
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	93	Resp:	104615
Ion Ratio	Lower	Upper	
93	100		
66	45.7	34.2	51.2
65	23.5	17.9	26.9





#7

Phenol-d6

Concen: 48.24 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

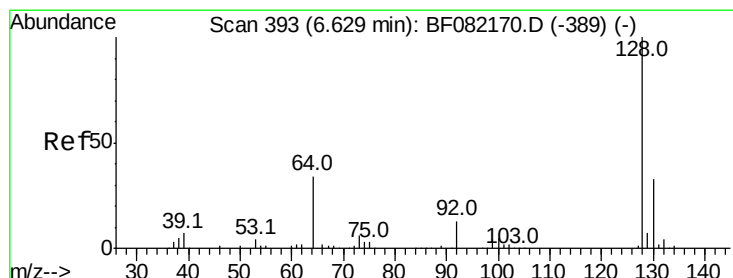
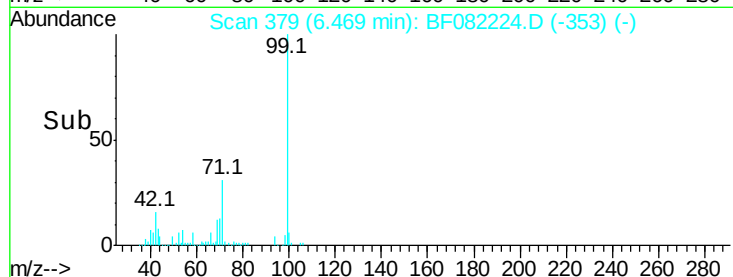
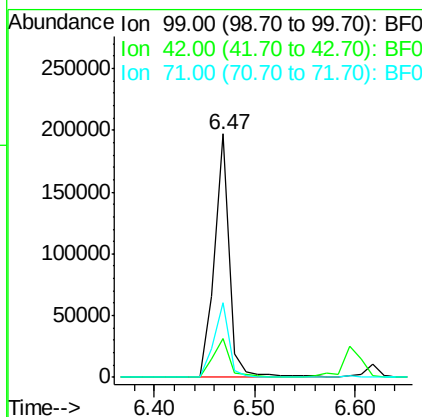
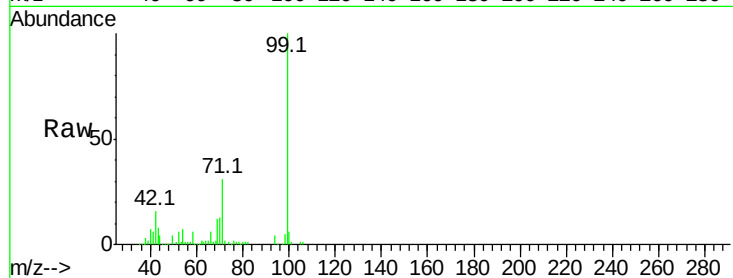
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	99	Resp:	204365
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.2	19.8
71	30.9	25.6	38.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.98 ng

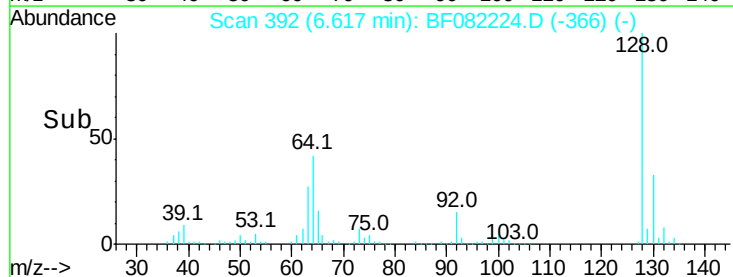
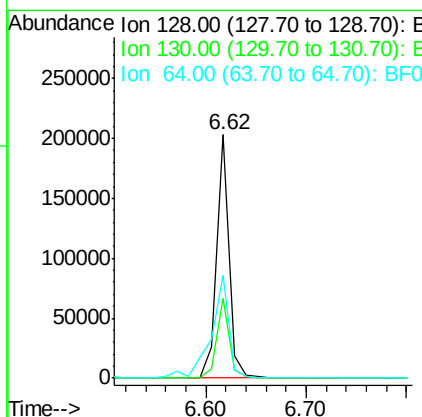
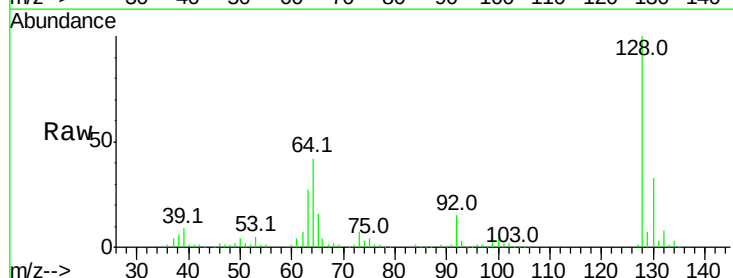
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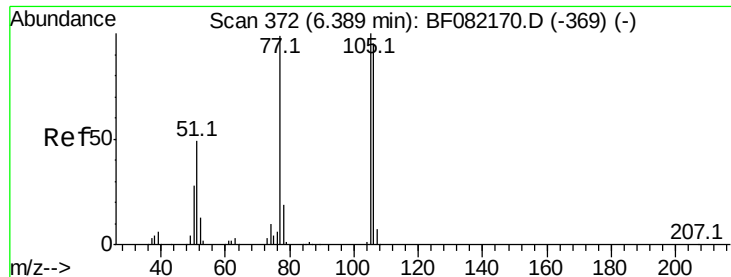
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	128	Resp:	174769
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	42.2	16.7	56.7





#9

Benzaldehyde

Concen: 55.40 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

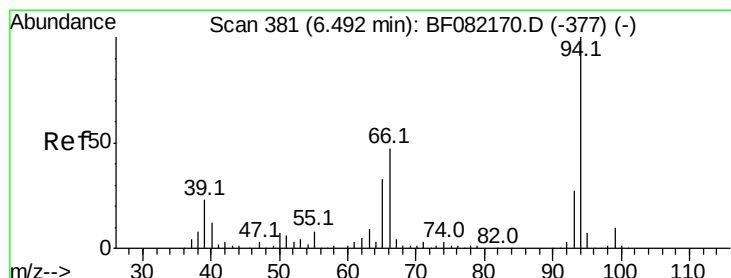
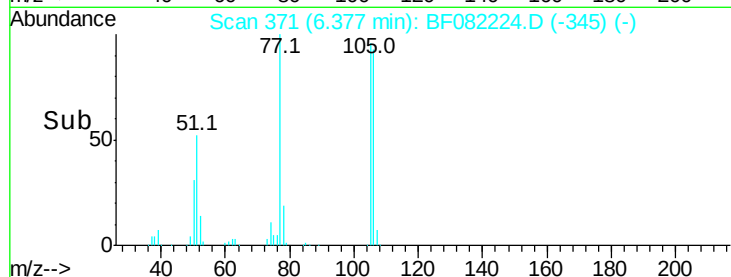
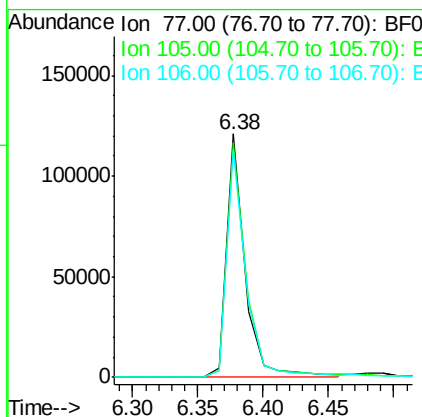
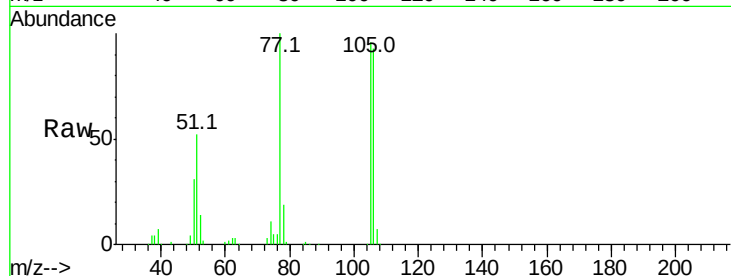
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Tot Ion:	77	Resp:	119843
Ion Ratio	Lower	Upper	
77	100		
105	96.4	80.6	120.6
106	93.3	75.5	115.5



#10

Phenol

Concen: 17.02 ng

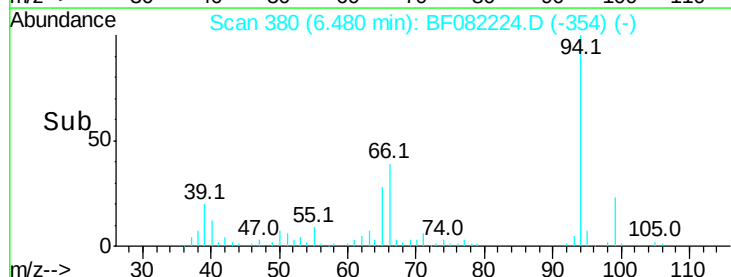
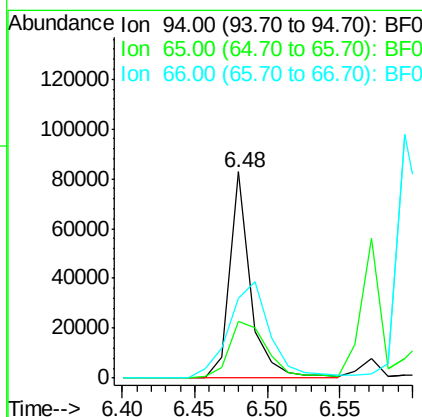
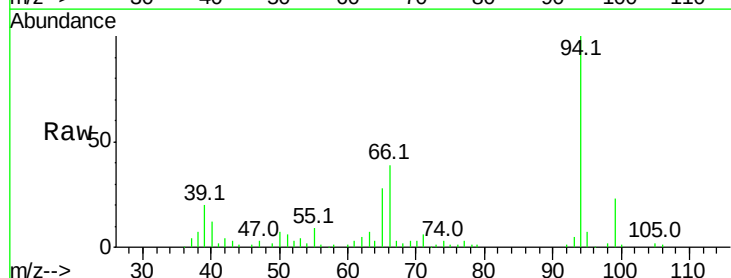
RT: 6.48 min Scan# 380

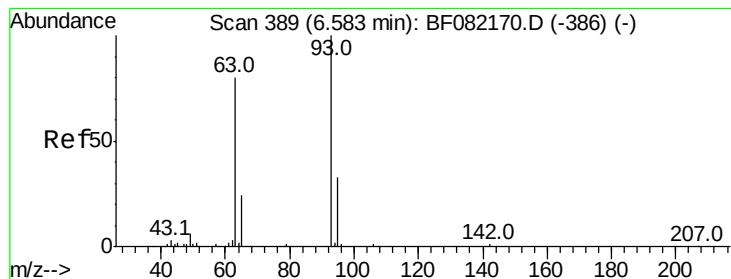
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	94	Resp:	83125
Ion Ratio	Lower	Upper	
94	100		
65	27.8	12.6	52.6
66	38.8	27.3	67.3





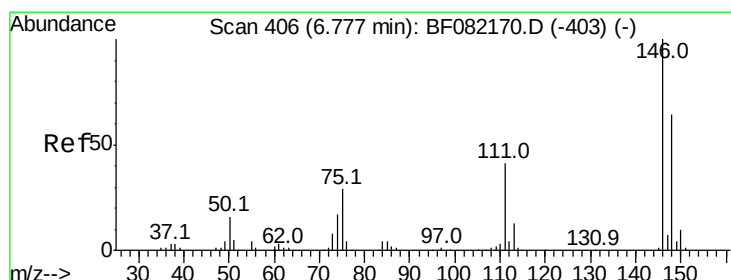
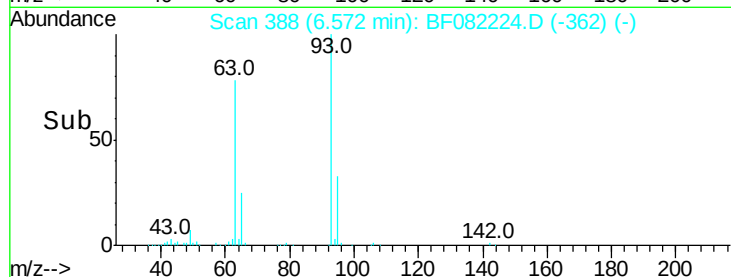
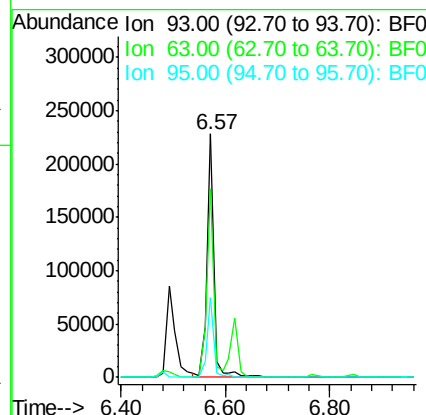
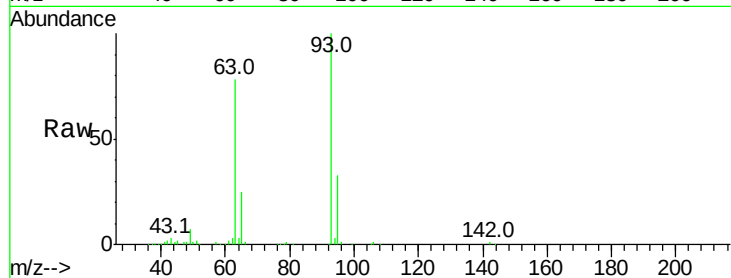
#11
bis(2-Chloroethyl)ether
Concen: 52.24 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	57.1	97.1
95	32.7	11.9	51.9

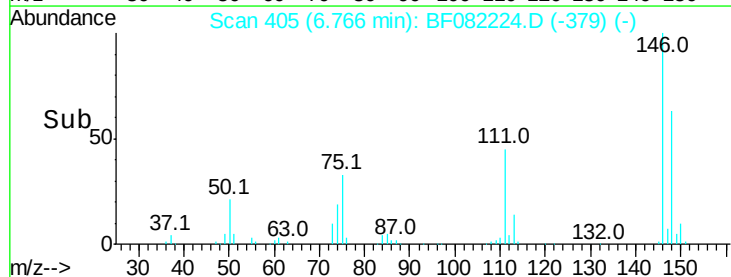
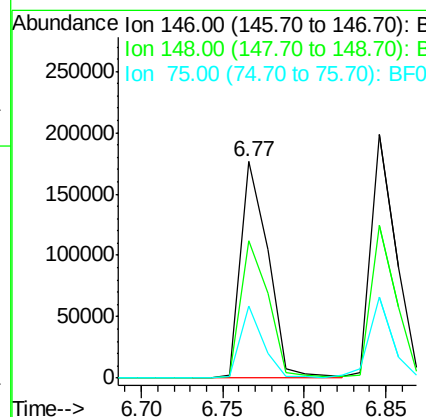
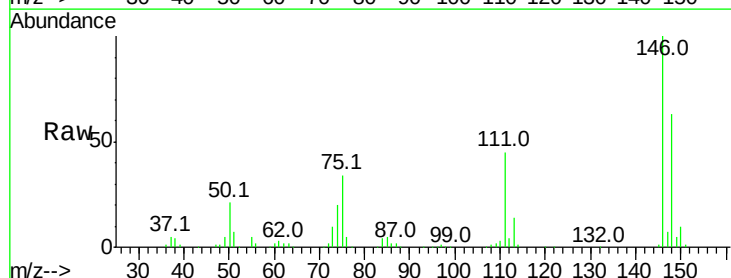
Manual Integrations
APPROVED

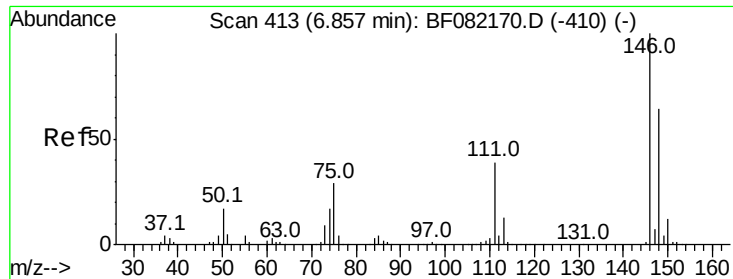
MMdadoda
10/13/2015 1:27:39 PM



#12
1,3-Dichlorobenzene
Concen: 44.04 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	33.5	23.0	34.6





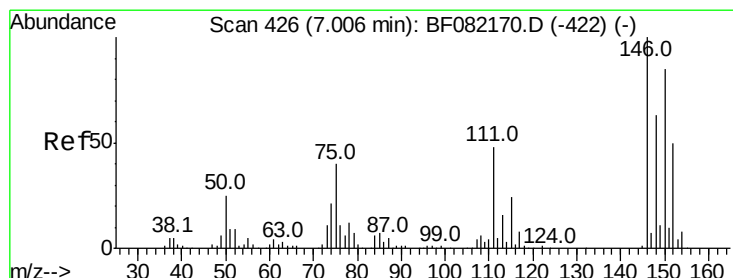
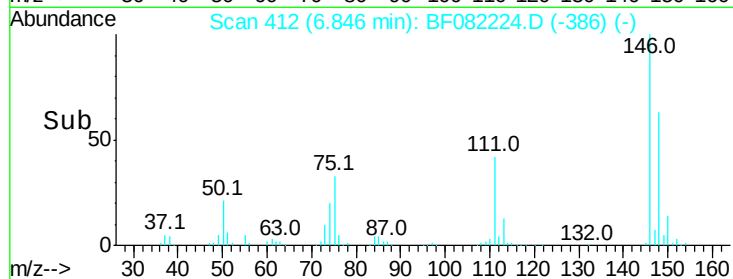
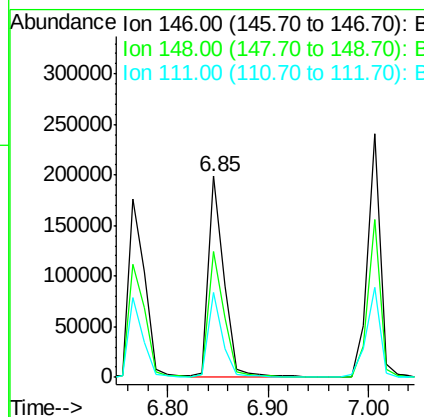
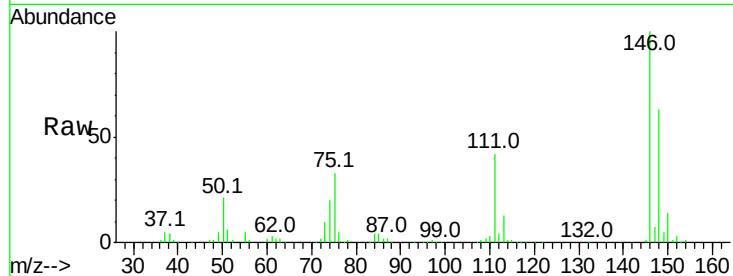
#13
 1,4-Dichlorobenzene
 Concen: 44.33 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214256		
148	62.8	51.0	76.4	
111	42.2	31.1	46.7	

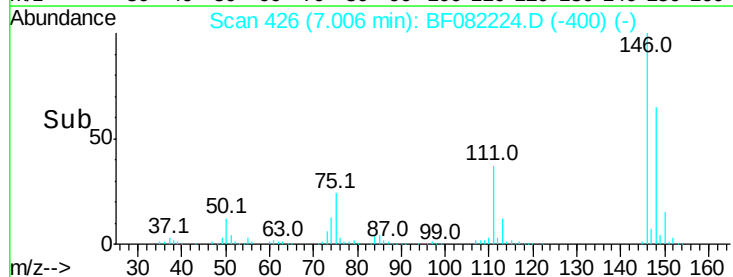
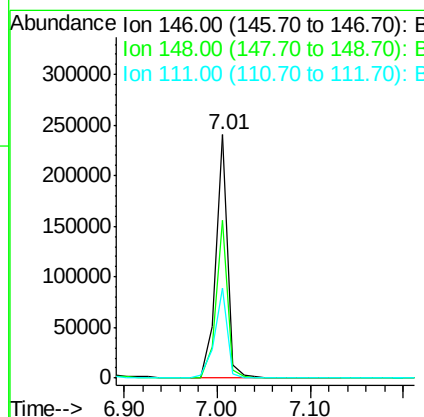
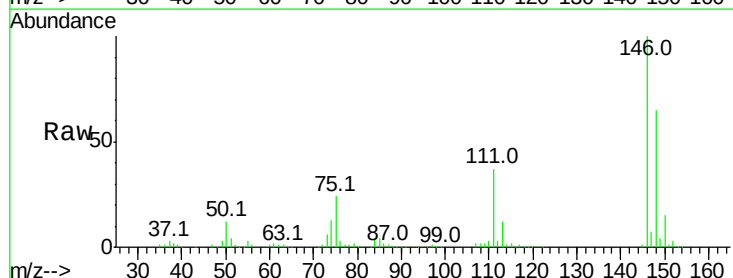
Manual Integrations
 APPROVED

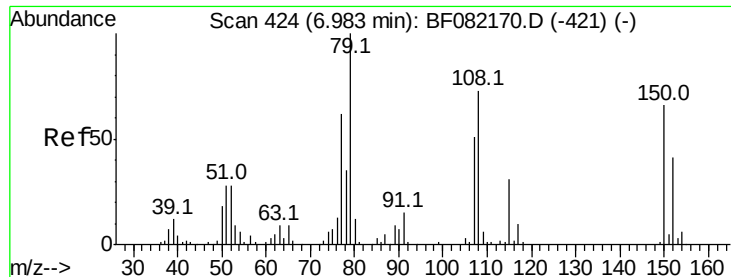
MMdadoda
 10/13/2015 1:27:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.92 ng m
 RT: 7.01 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215301		
148	64.8	50.5	75.7	
111	37.0	38.5	57.7	





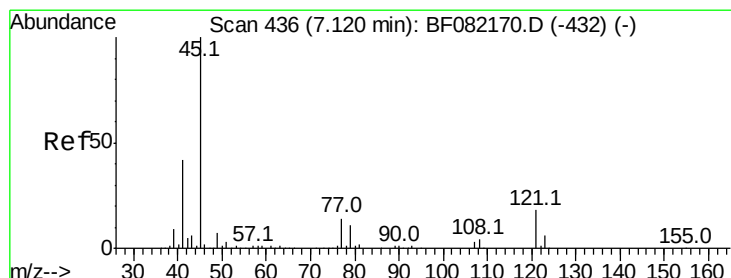
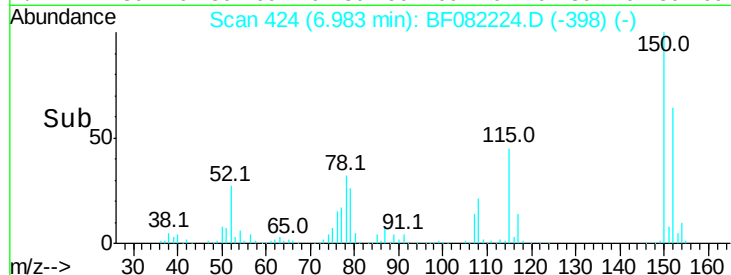
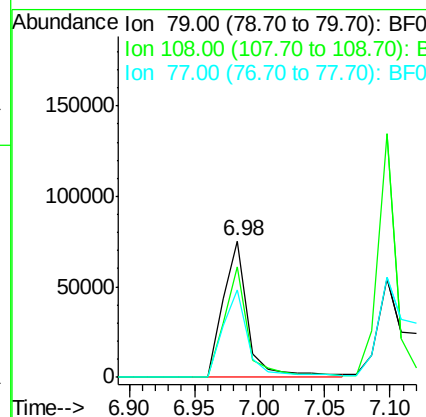
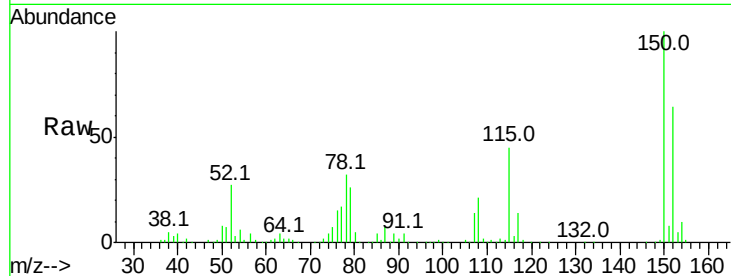
#15
Benzyl Alcohol
Concen: 34.67 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	58.4	87.6
77	64.2	49.8	74.6

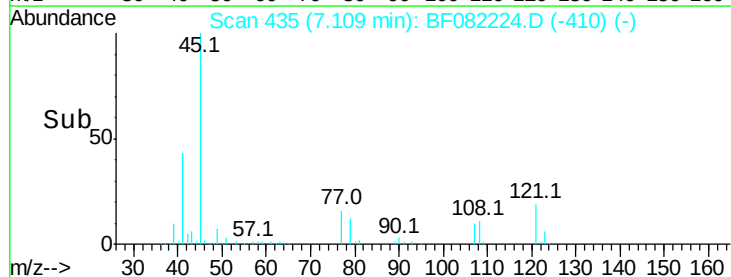
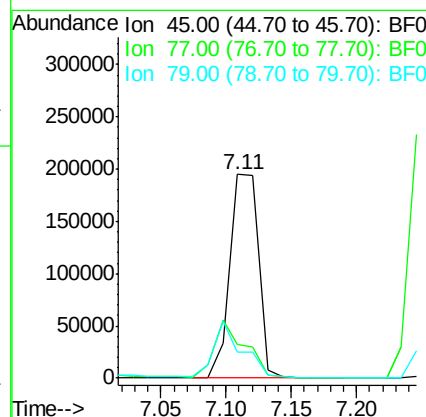
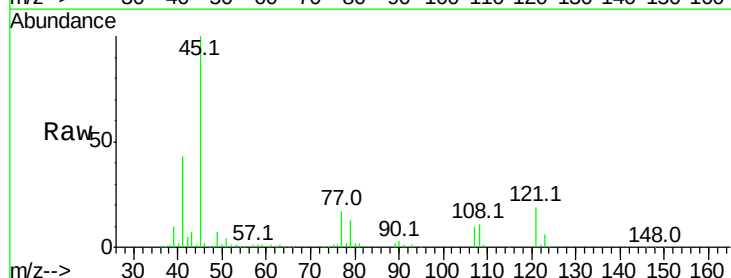
Manual Integrations
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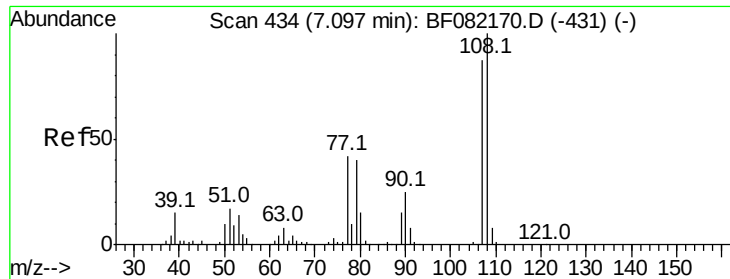
MMdadoda
10/13/2015 1:27:39 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.70 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	34.5
79	12.9	0.0	31.6





#17

2-Methylphenol

Concen: 37.22 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

Tot Ion:107 Resp: 116973

Ion Ratio Lower Upper

107 100

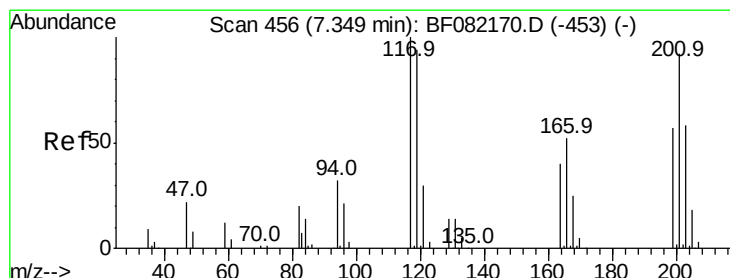
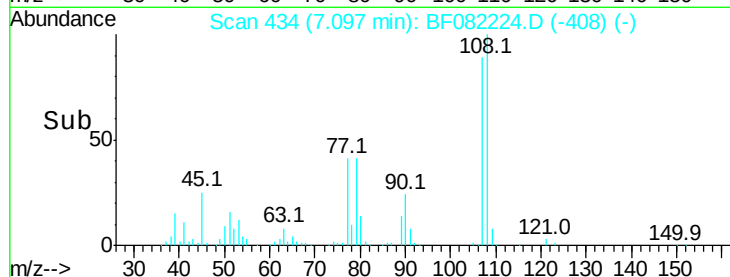
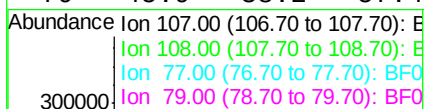
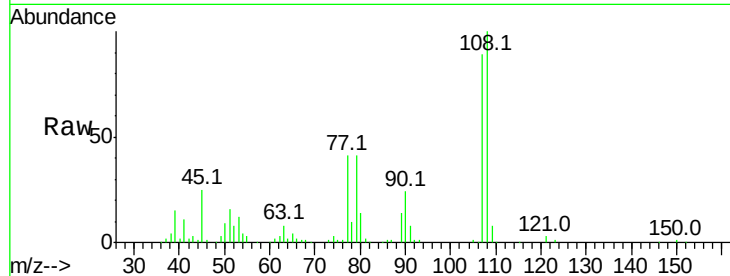
108 112.8 92.2 138.2

77 46.7 39.6 59.4

79 45.9 38.2 57.4

Manual Integrations
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10/13/2015 1:27:39 PM



#18

Hexachloroethane

Concen: 42.24 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

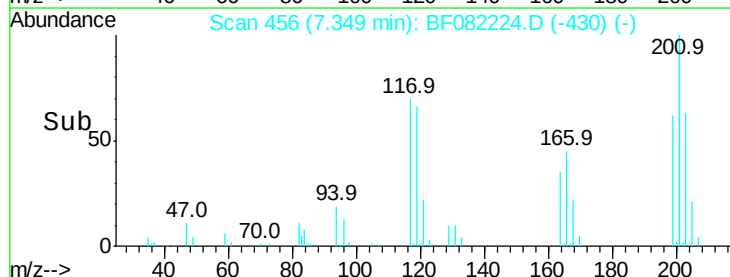
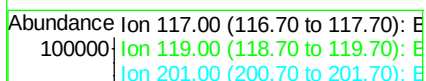
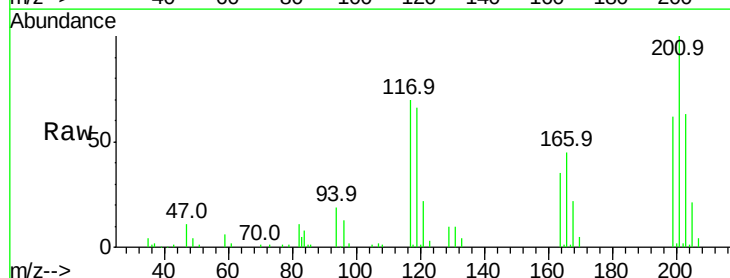
Tgt Ion:117 Resp: 69881

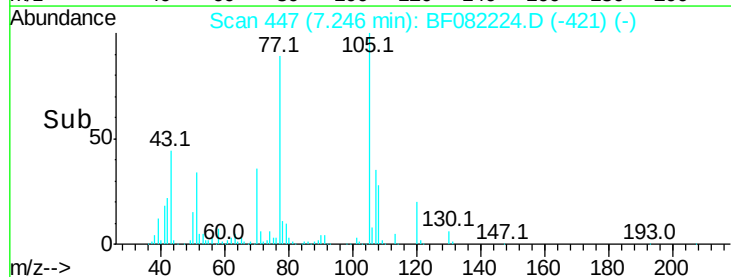
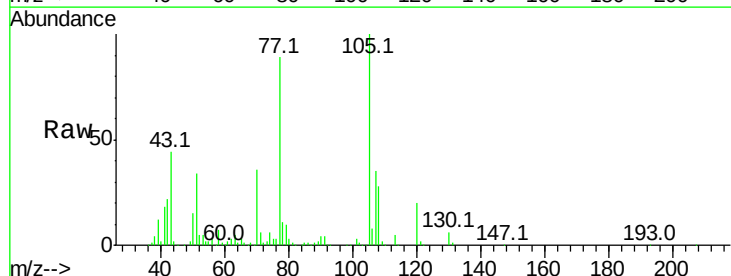
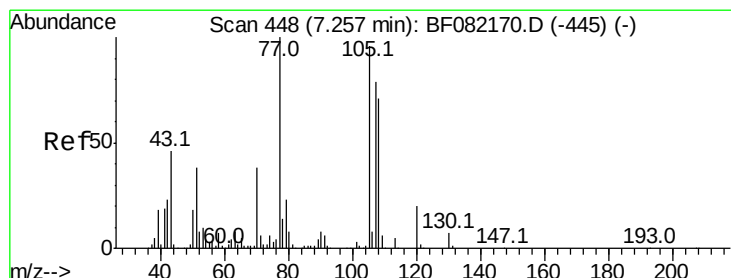
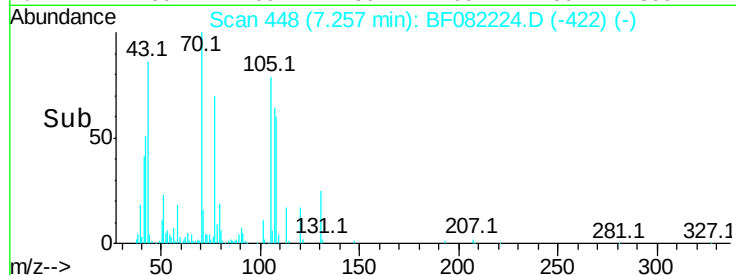
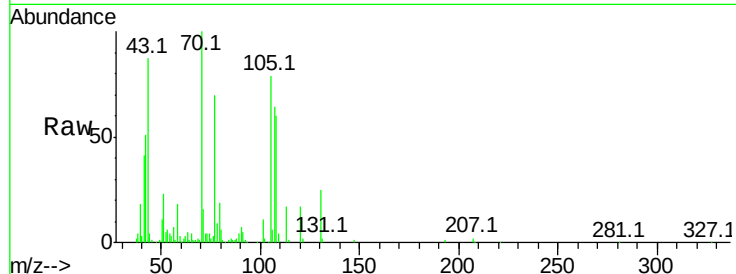
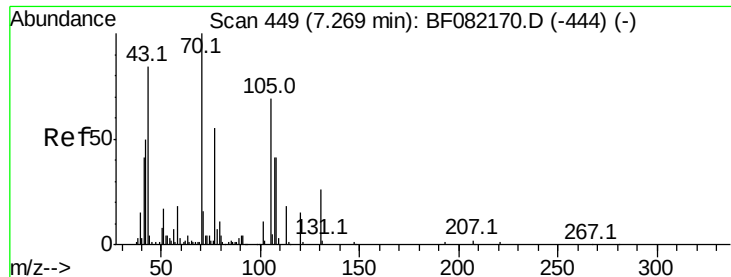
Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.2

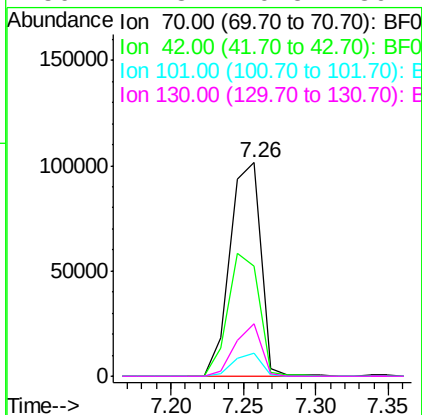
201 143.6 73.4 110.0#





#19
n-Nitroso-di-n-propylamine
Concen: 50.30 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		149622		
42	51.4	39.8	59.8		
101	11.1	8.6	13.0		
130	24.8	20.5	30.7		



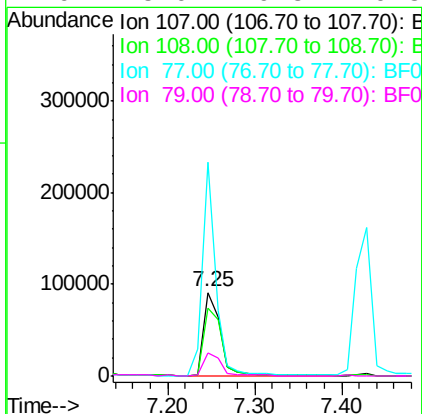
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

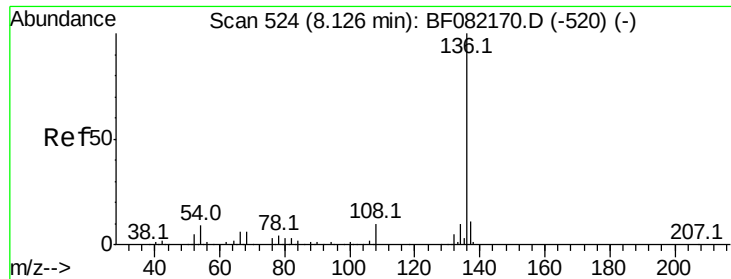
Manual Integrations
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MMdadoda
10/13/2015 1:27:39 PM

#20
3+4-Methylphenols
Concen: 32.63 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		122183		
108	81.2	69.9	109.9		
77	255.3	106.0	146.0#		
79	28.0	9.8	49.8		





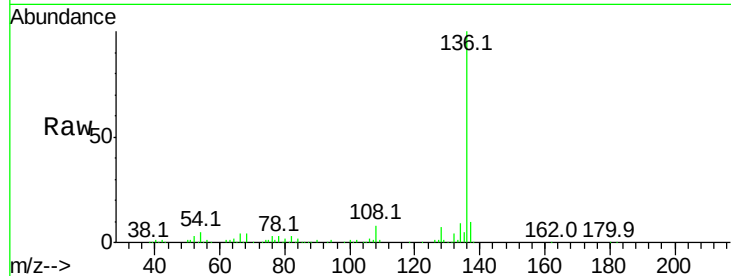
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.0	13.6	
54	5.5	7.5	11.3	
68	4.0	4.6	7.0	

Manual Integrations
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MMdadoda
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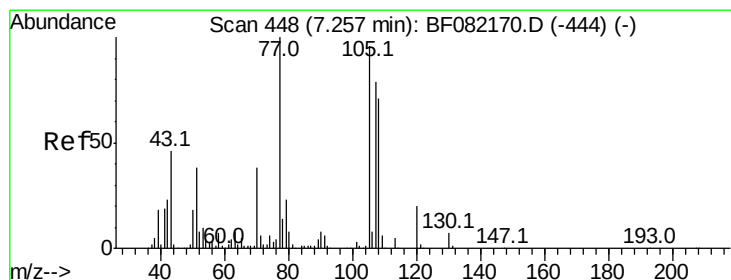
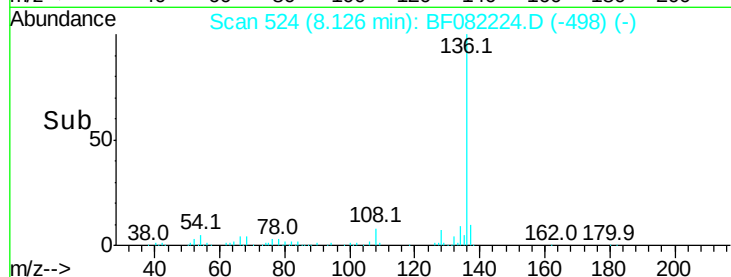
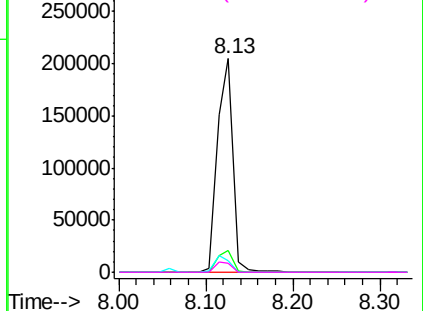
Abundance

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: 55.05 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	5.4	8.0	
51	34.0	31.8	47.6	
120	20.4	16.3	24.5	

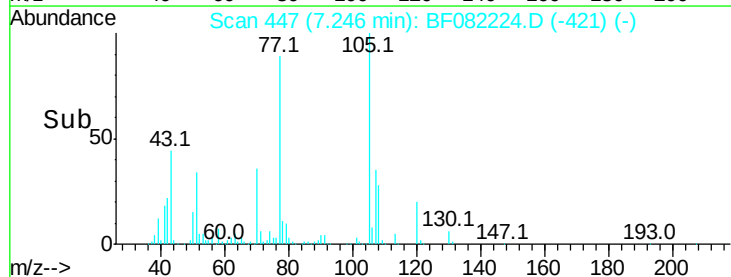
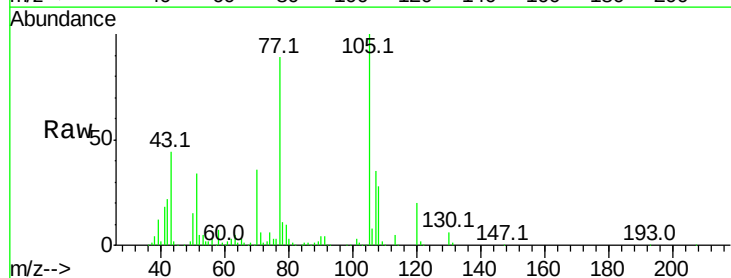
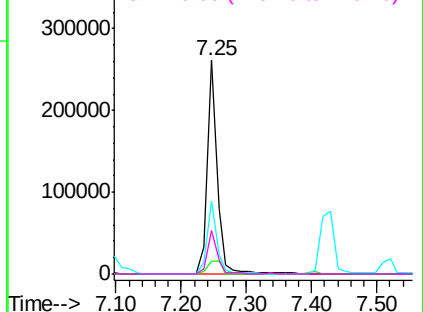
Abundance

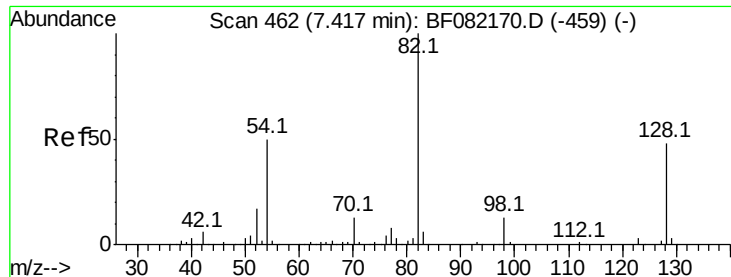
Ion 105.00 (104.70 to 105.70): E

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





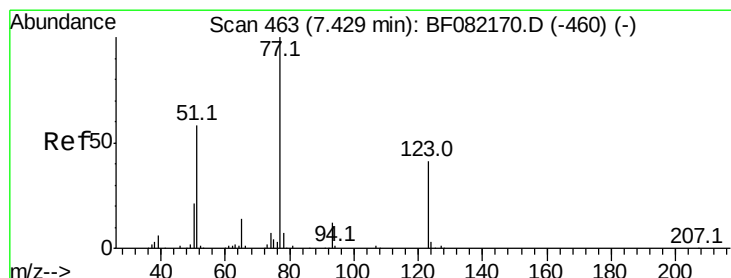
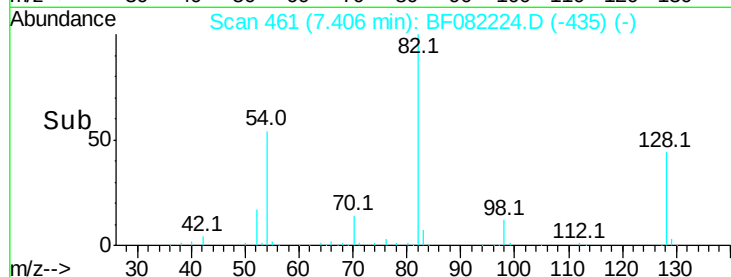
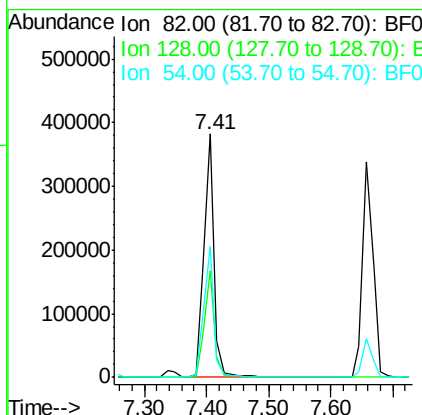
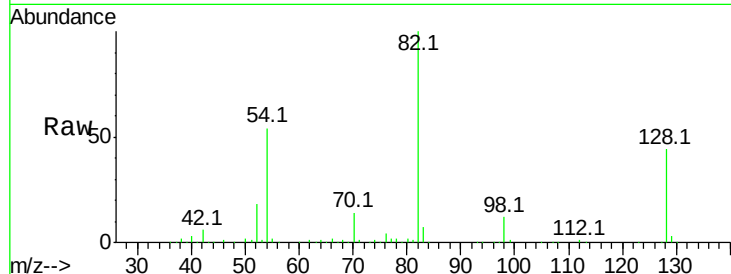
#23
Nitrobenzene-d5
Concen: 114.57 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	38.7	58.1
54	53.8	40.1	60.1

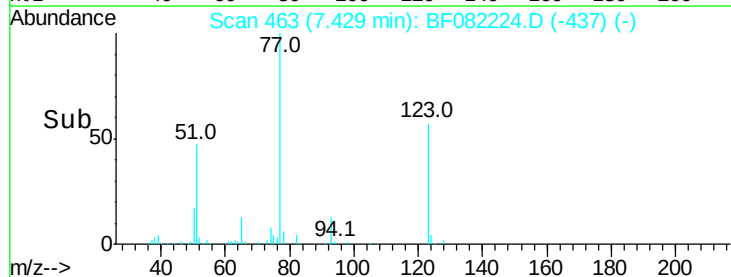
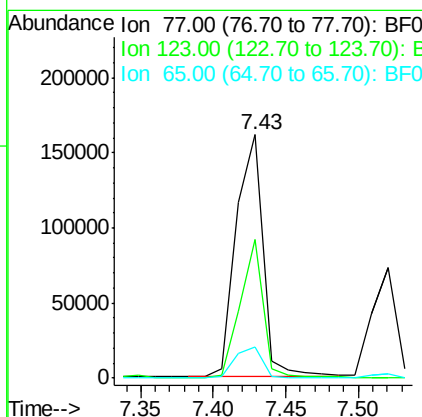
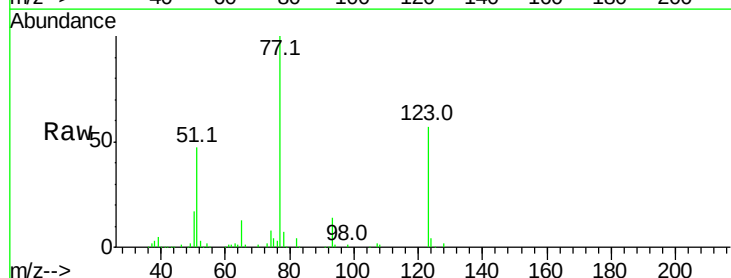
Manual Integrations
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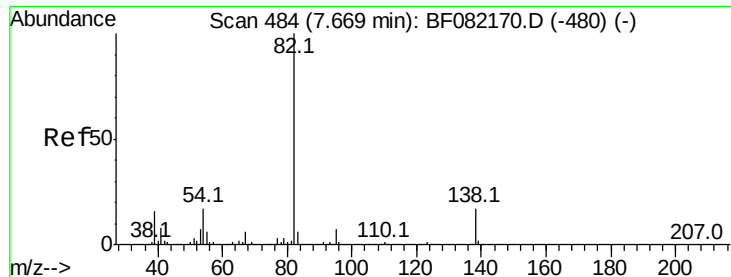
MMdadoda
10/13/2015 1:27:39 PM



#24
Nitrobenzene
Concen: 50.33 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.8	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 50.22 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

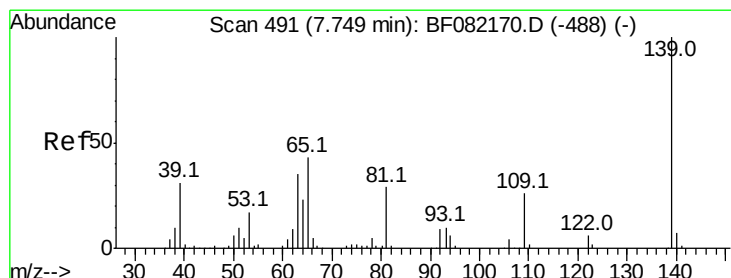
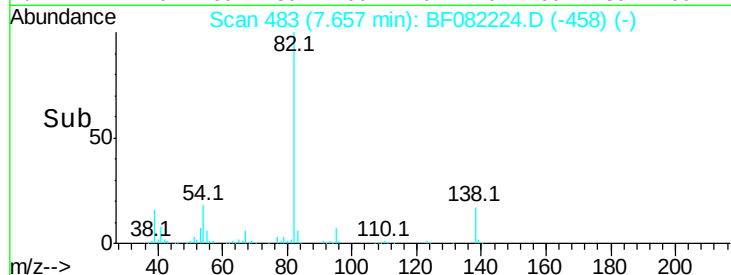
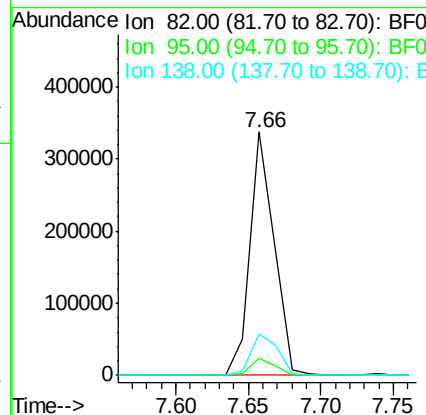
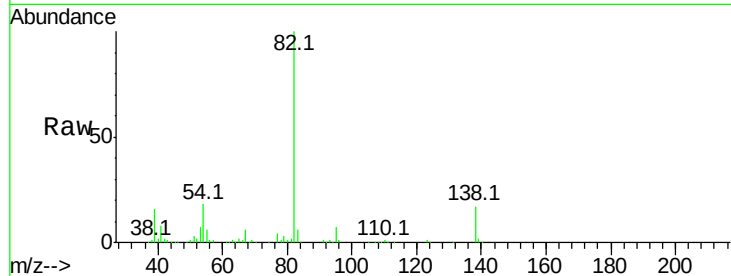
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	82	Resp:	388754
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	16.9	13.6	20.4

Manual Integrations
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MMdadoda
10/13/2015 1:27:39 PM



#26

2-Nitrophenol

Concen: 53.27 ng

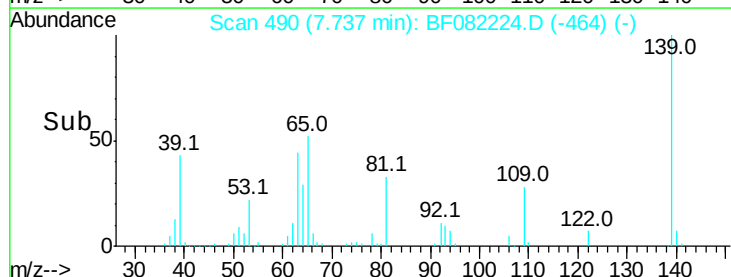
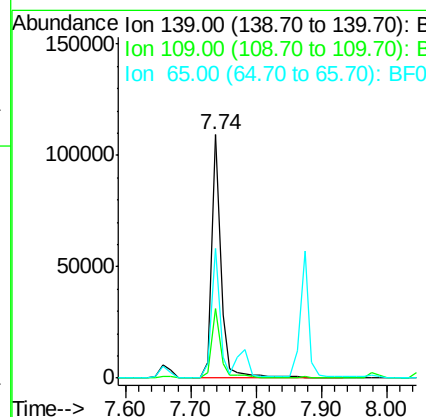
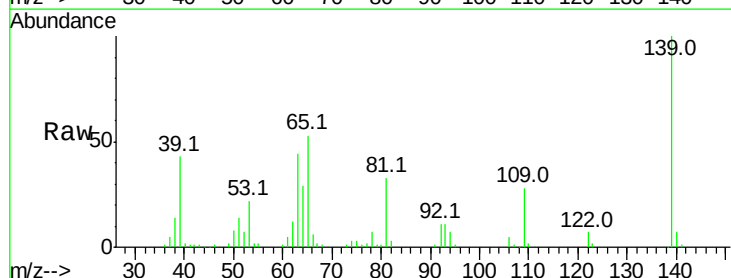
RT: 7.74 min Scan# 490

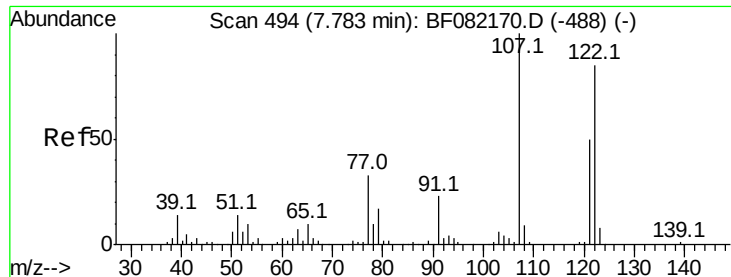
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	139	Resp:	110429
Ion Ratio	Lower	Upper	
139	100		
109	28.4	20.6	31.0
65	53.1	34.3	51.5#





#27

2,4-Dimethylphenol

Concen: 50.54 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

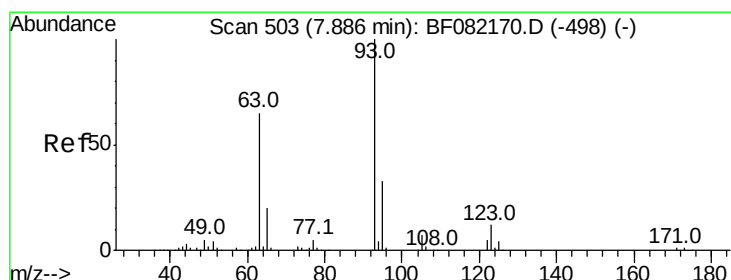
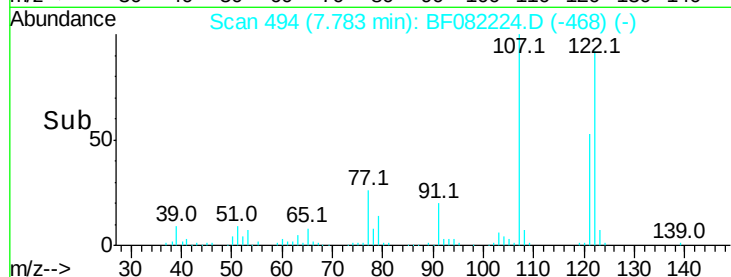
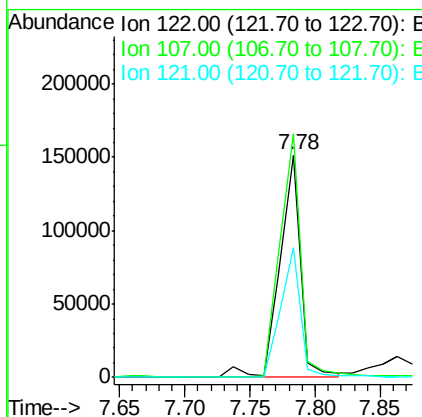
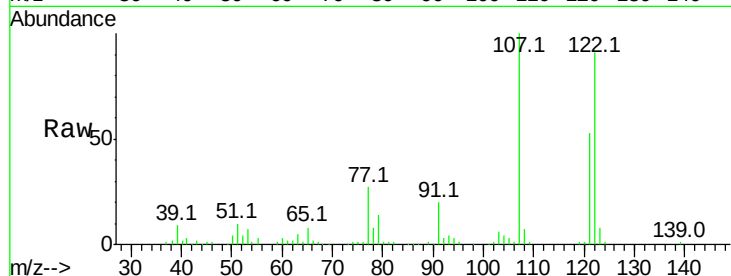
ClientSampleId :

TE-PMW(43)MS

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Tot Ion	Ratio	Resp	Lower	Upper
122	100	168793		
107	109.5	94.0	141.0	
121	58.2	46.8	70.2	



#28

bis(2-Chloroethoxy)methane

Concen: 56.15 ng

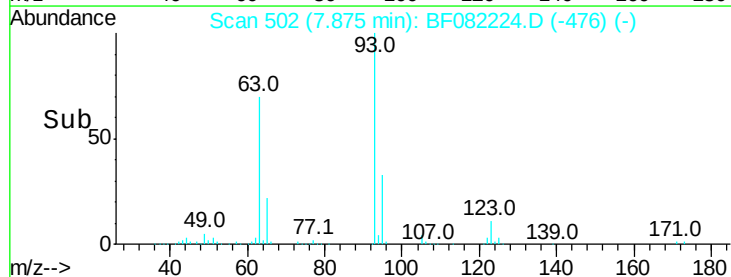
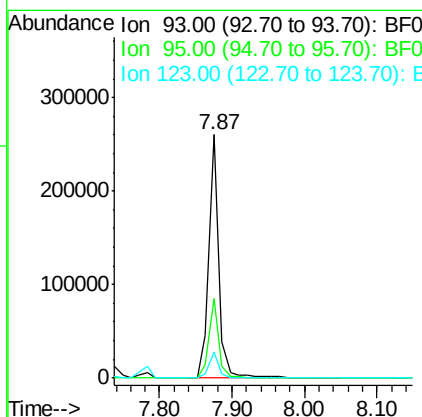
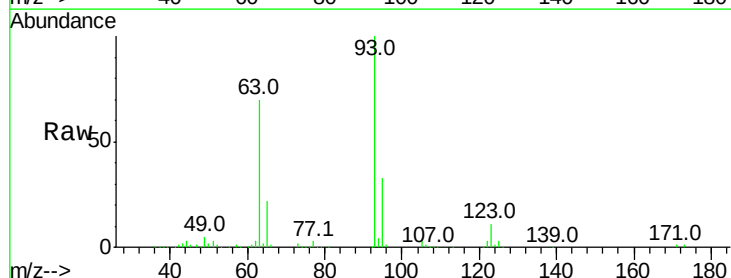
RT: 7.87 min Scan# 502

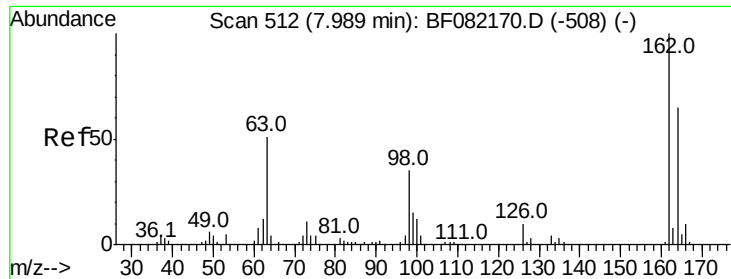
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252888		
95	32.7	26.6	39.8	
123	10.7	9.5	14.3	





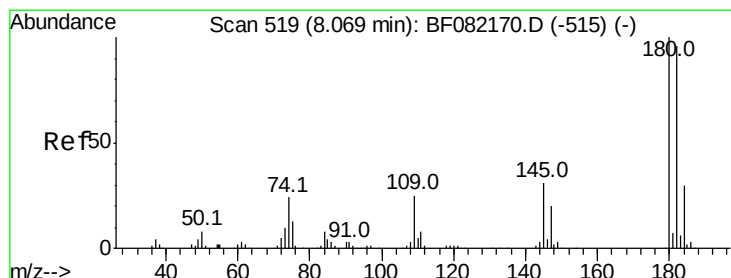
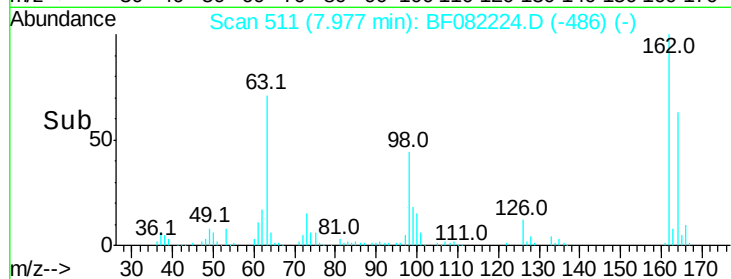
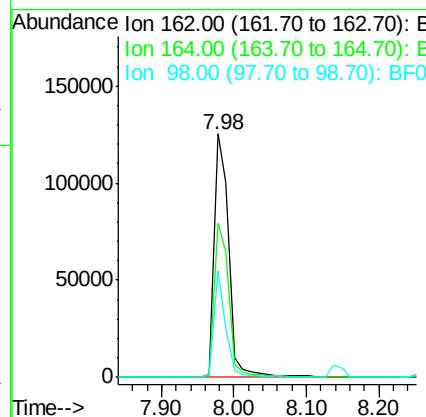
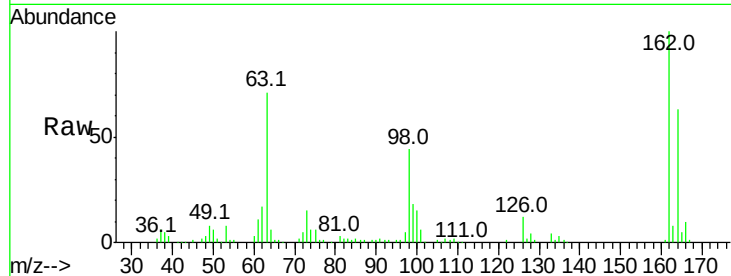
#29
 2,4-Dichlorophenol
 Concen: 52.09 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:	162	Resp:	173886
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.6	84.6
98	43.6	15.0	55.0

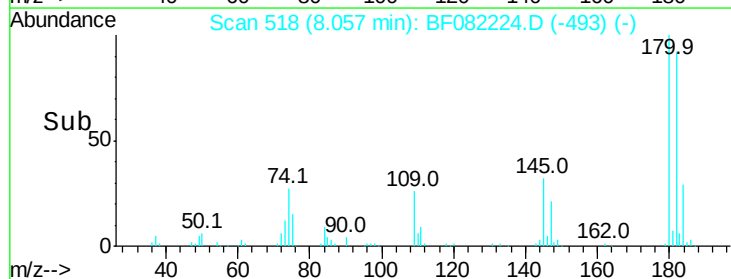
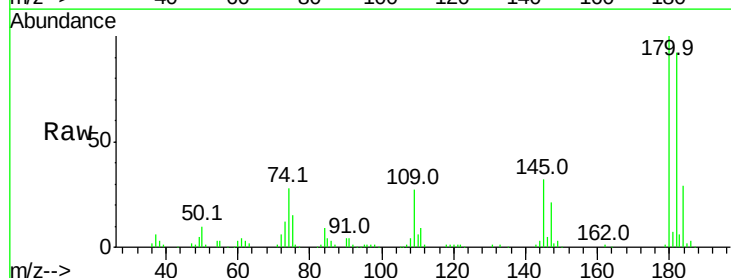
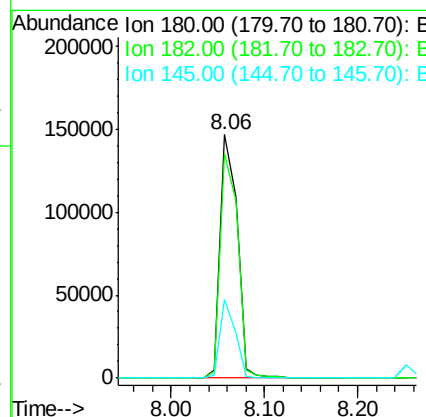
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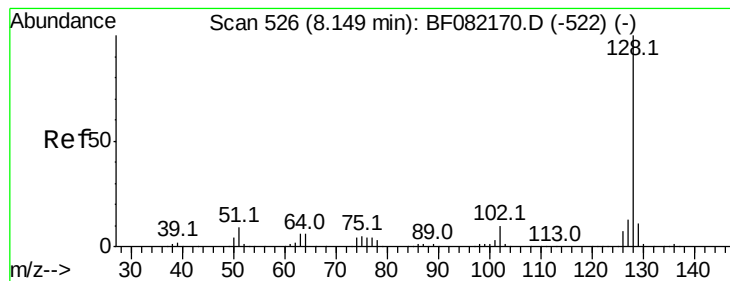
MMdadoda
 10/13/2015 1:27:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.35 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:	180	Resp:	186045
Ion Ratio	Lower	Upper	
180	100		
182	92.3	77.0	115.4
145	32.4	25.0	37.4





#31

Naphthalene

Concen: 51.70 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

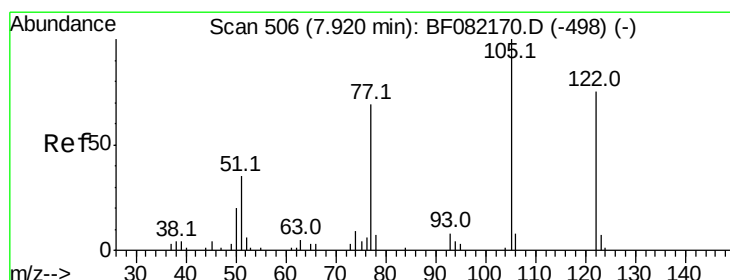
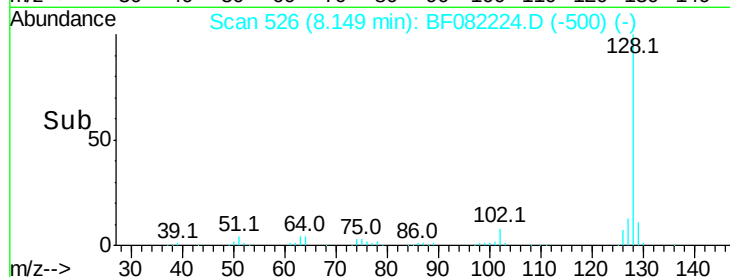
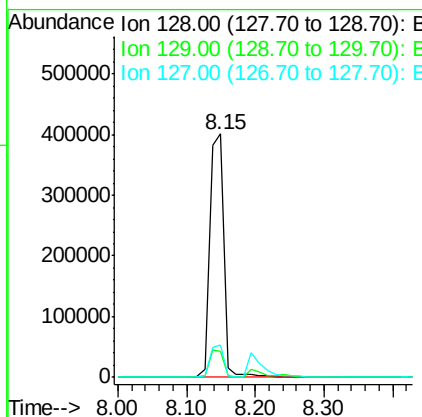
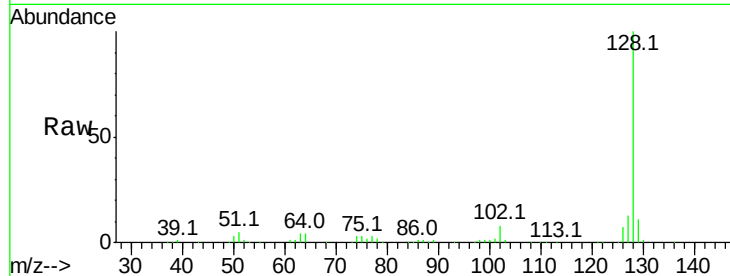
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	128	Resp:	577179
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.1	13.7
127	13.2	10.7	16.1

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#32

Benzoic acid

Concen: 15.70 ng

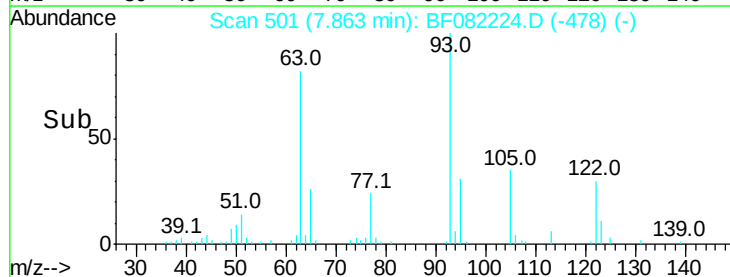
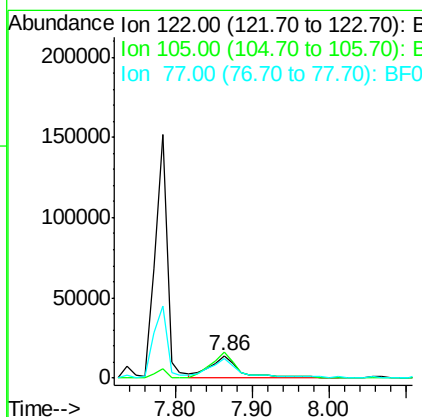
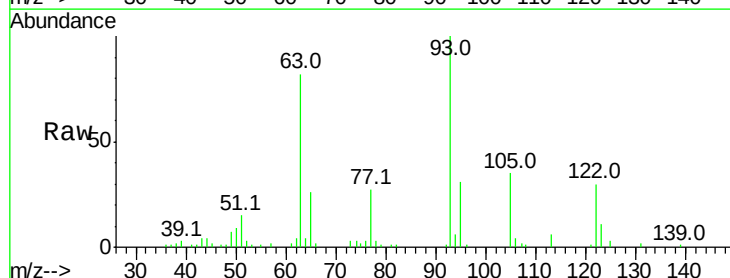
RT: 7.86 min Scan# 501

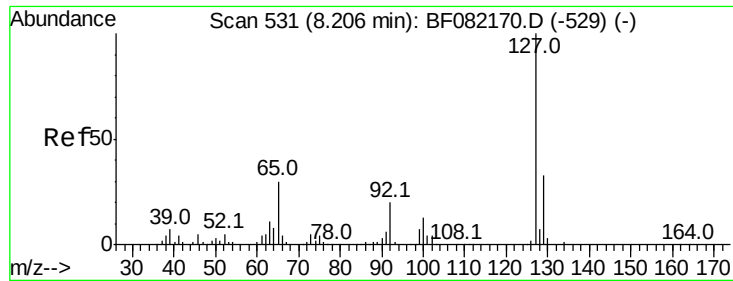
Delta R.T. -0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	122	Resp:	35185
Ion Ratio	Lower	Upper	
122	100		
105	114.4	104.4	144.4
77	90.1	69.0	109.0





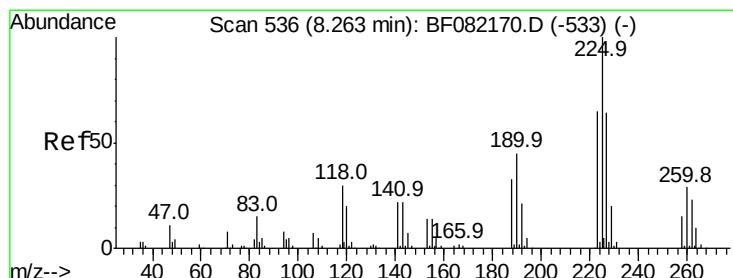
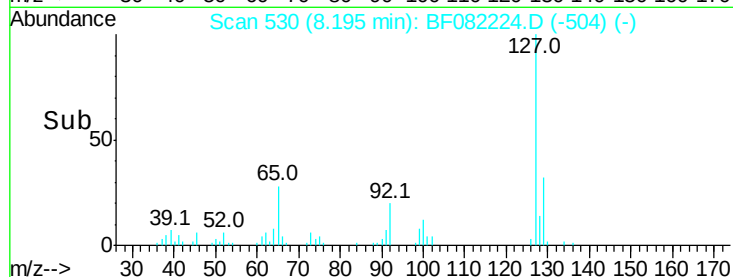
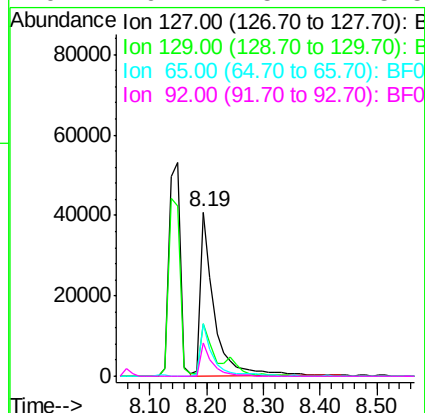
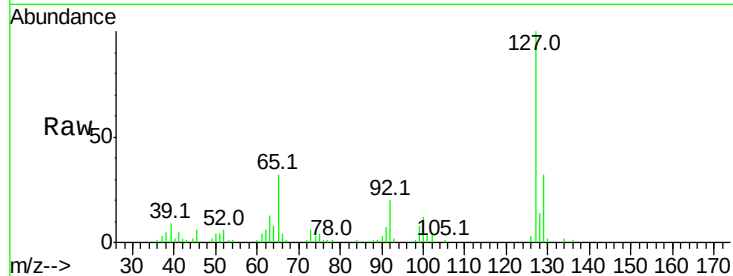
#33
4-Chloroaniline
Concen: 14.46 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	32.2	24.4	36.6
92	20.2	15.7	23.5

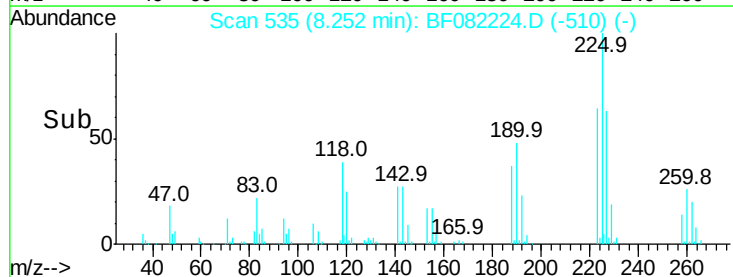
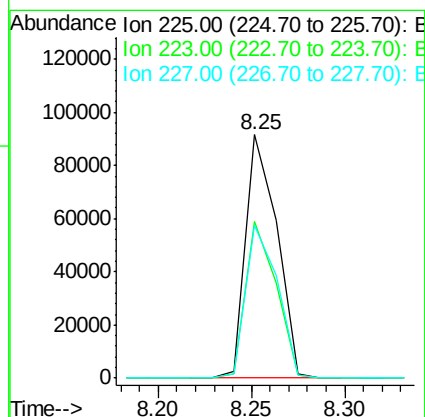
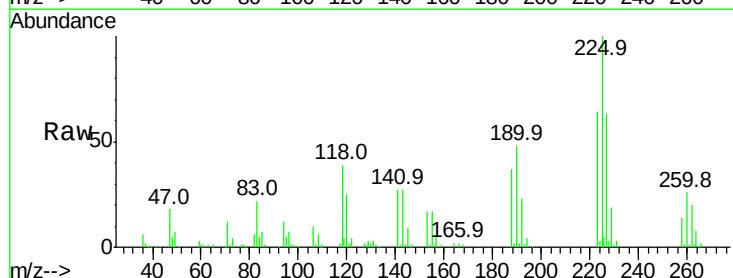
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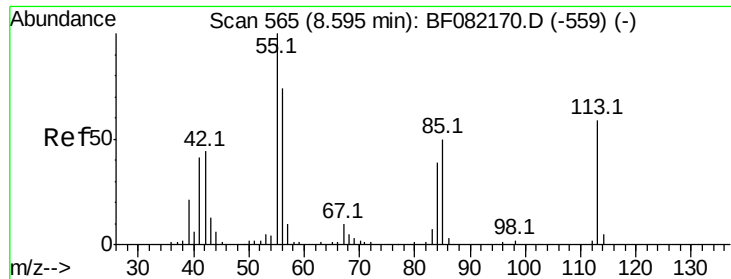
MMdadoda
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#34
Hexachlorobutadiene
Concen: 44.33 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.2
227	62.9	51.3	76.9





#35

Caprolactam

Concen: 9.05 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

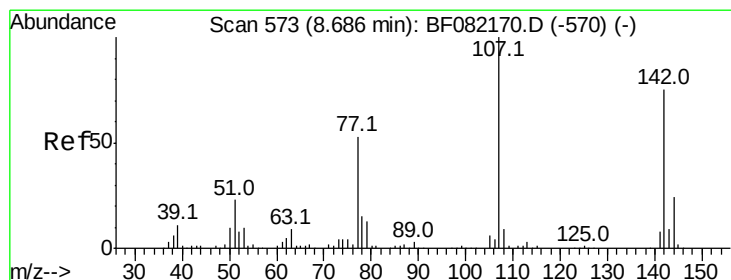
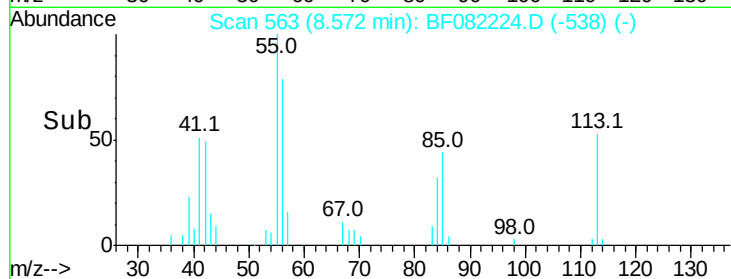
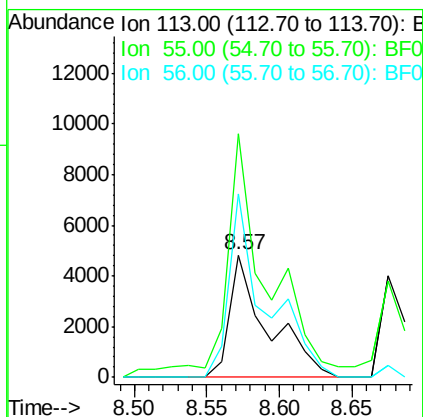
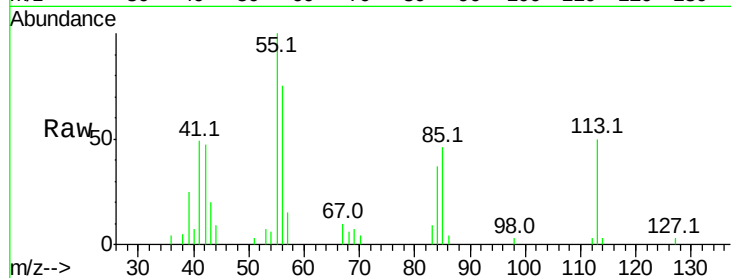
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	113	Resp:	8764
Ion Ratio	Lower	Upper	
113	100		
55	198.8	149.7	189.7#
56	149.6	105.4	145.4#

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#36

4-Chloro-3-methylphenol

Concen: 51.38 ng

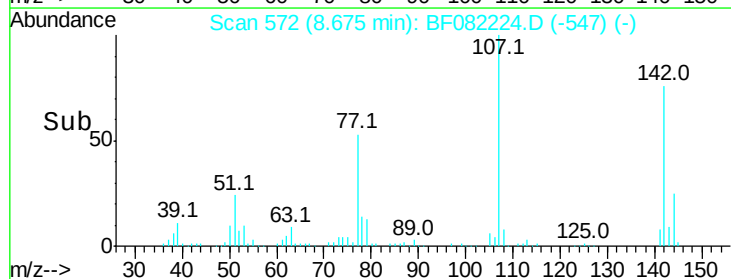
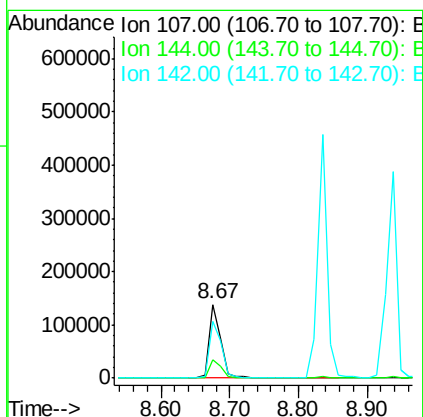
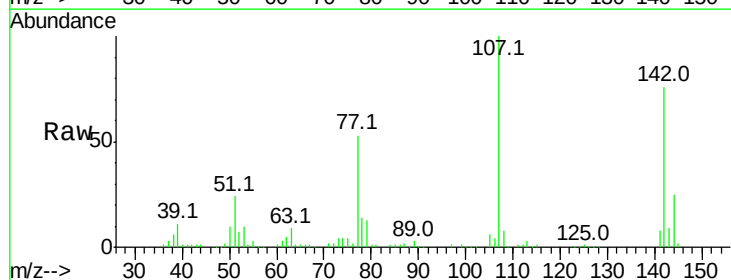
RT: 8.67 min Scan# 572

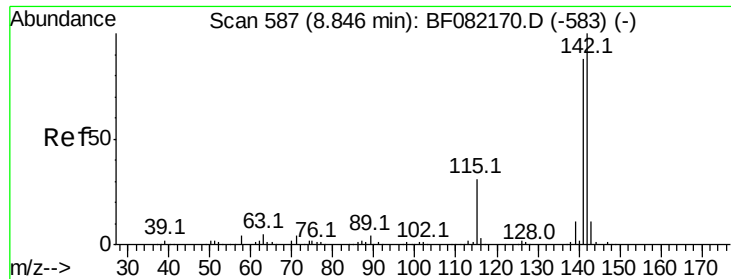
Delta R.T. -0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	107	Resp:	167732
Ion Ratio	Lower	Upper	
107	100		
144	24.6	19.3	28.9
142	76.2	59.9	89.9





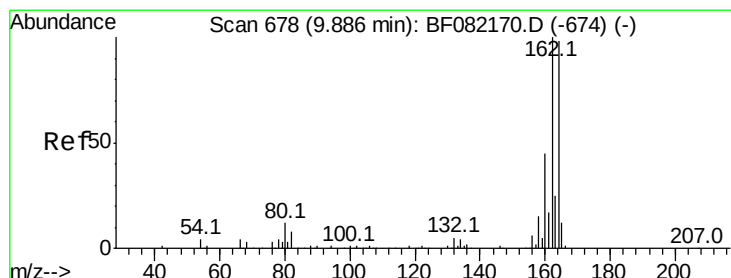
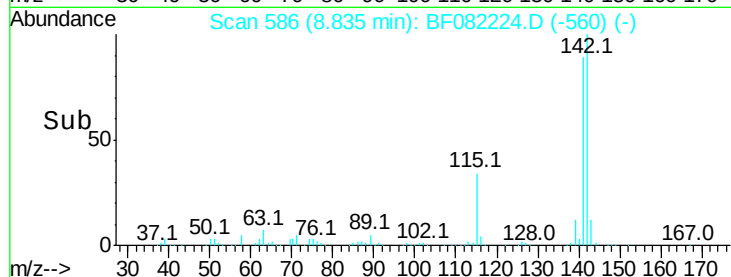
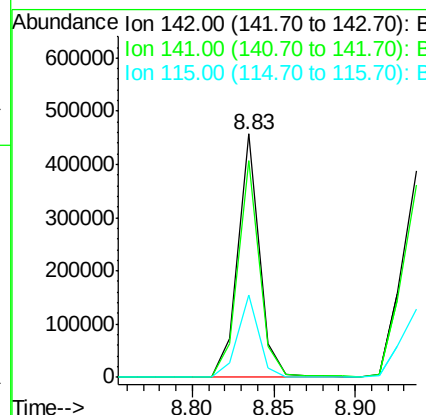
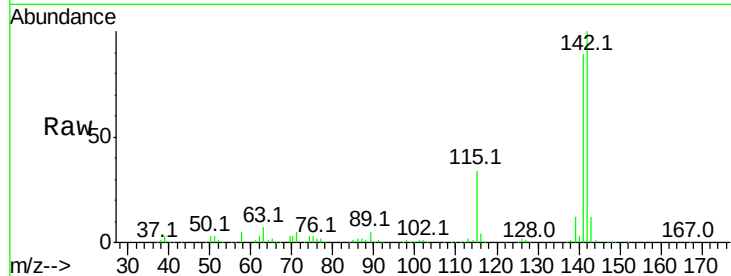
#37
2-Methylnaphthalene
Concen: 53.74 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	415907		
141	89.2	70.4	105.6	
115	33.9	24.6	37.0	

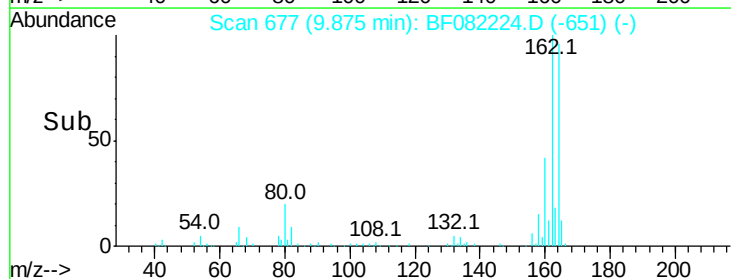
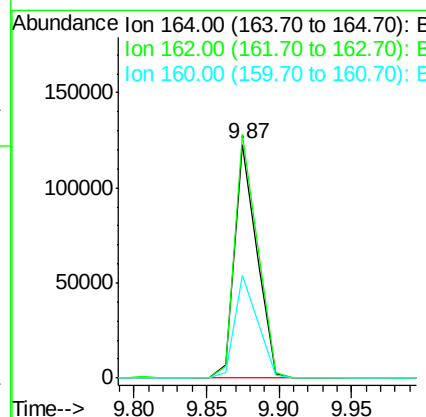
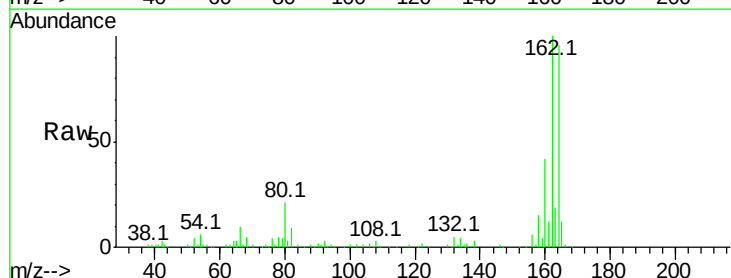
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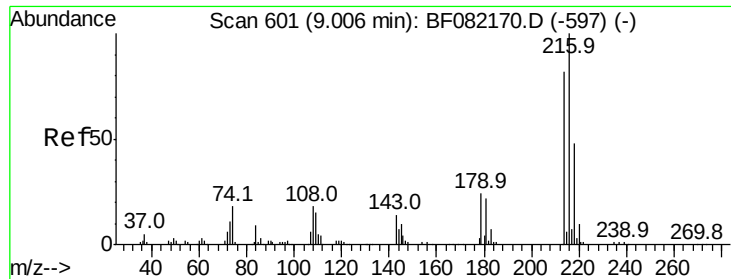
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131267		
162	104.3	81.6	122.4	
160	43.9	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.37 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082224.D

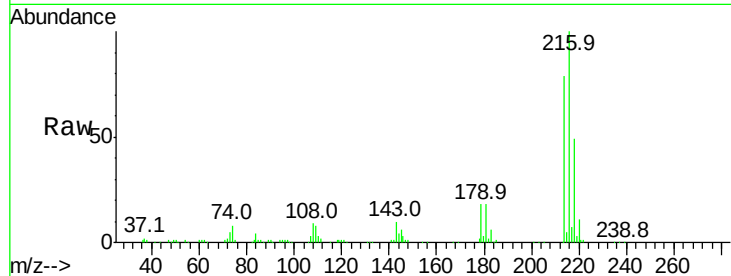
Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

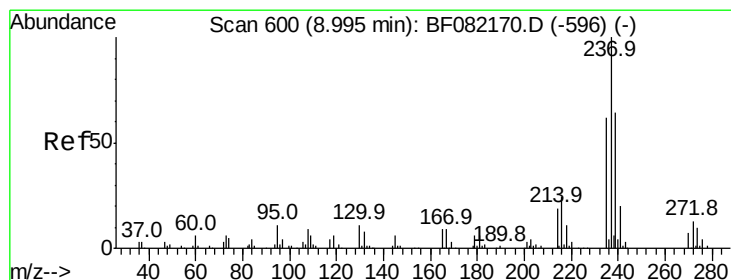
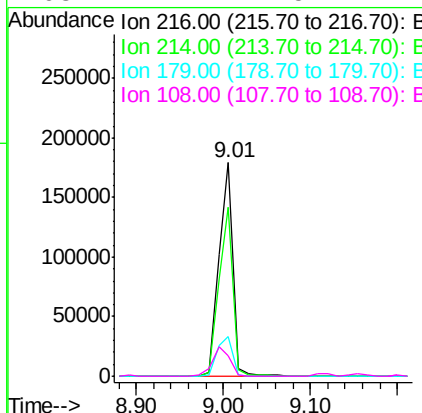
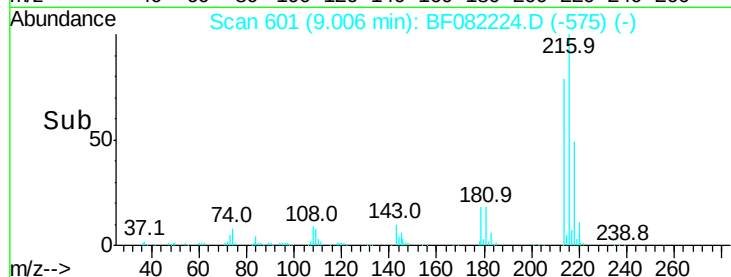
TE-PMW(43)MS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	204477		
214	79.6	64.6	97.0	
179	20.5	17.6	26.4	
108	17.1	14.5	21.7	

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#40

Hexachlorocyclopentadiene

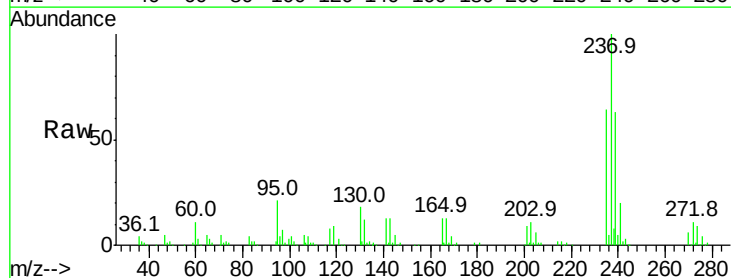
Concen: 77.94 ng

RT: 8.98 min Scan# 599

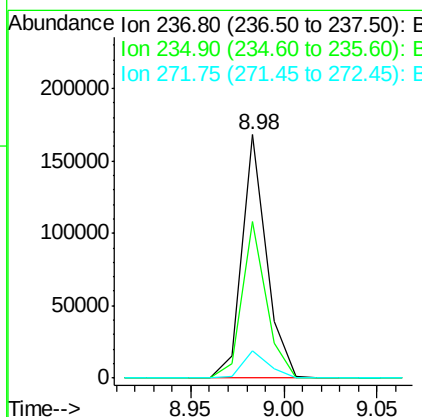
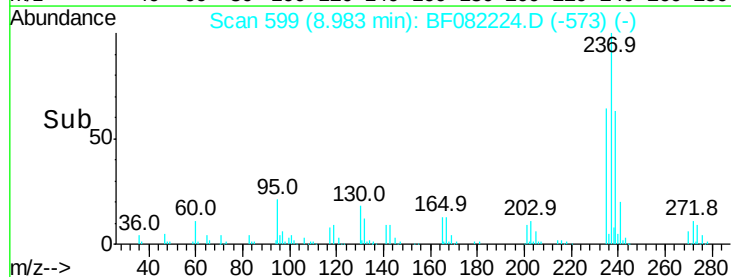
Delta R.T. -0.00 min

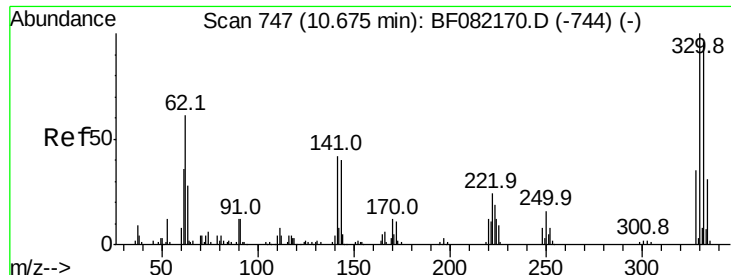
Lab File: BF082224.D

Acq: 12 Oct 2015 17:09



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	153504		
235	64.2	41.7	81.7	
272	11.3	0.0	32.8	





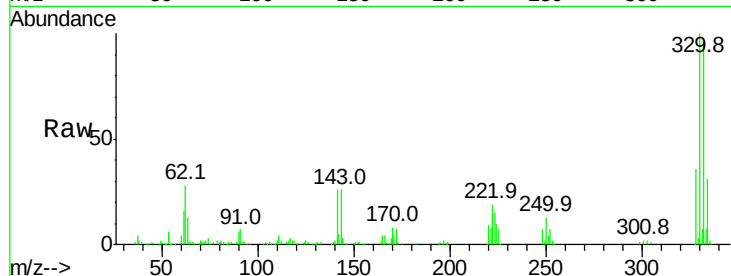
#41
 2,4,6-Tribromophenol
 Concen: 175.59 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

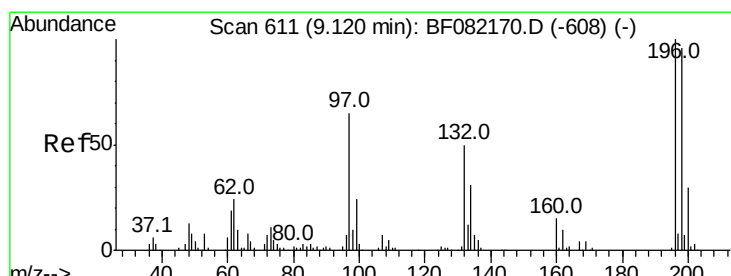
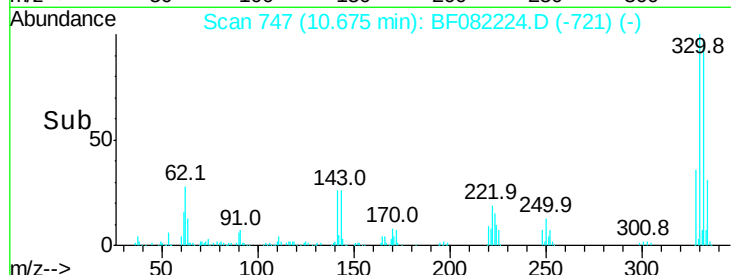
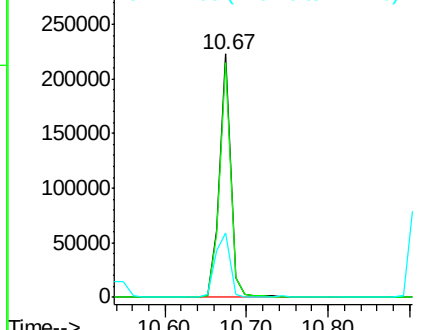
Tot Ion	Ratio	Resp	Lower	Upper
330	100	216164		
332	96.7	77.1	115.7	
141	35.1	29.8	44.8	

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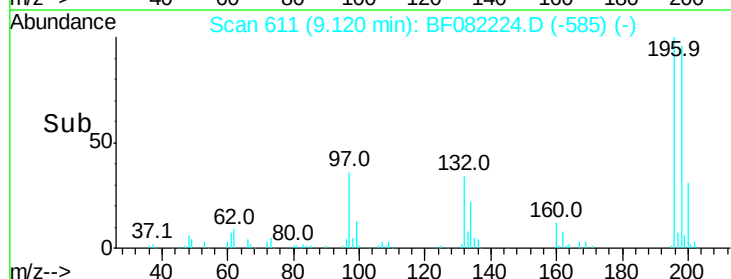
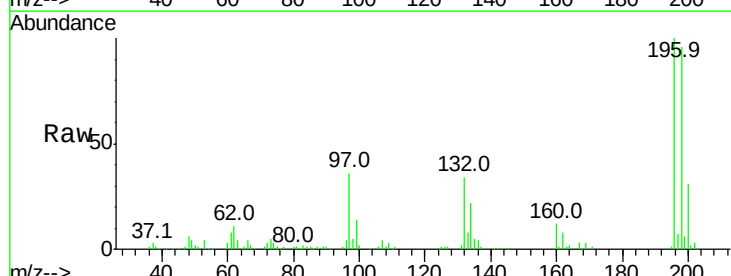
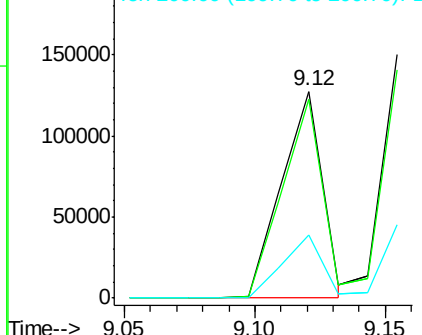
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

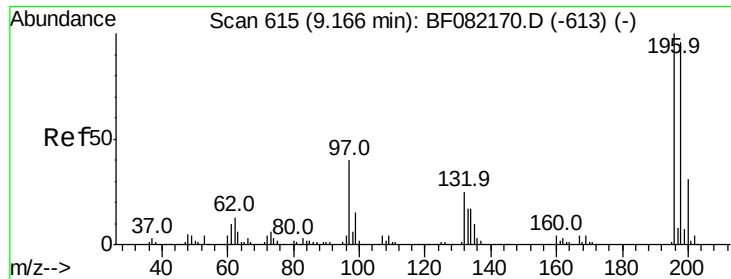


#42
 2,4,6-Trichlorophenol
 Concen: 53.16 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137868		
198	96.3	76.6	115.0	
200	30.8	23.7	35.5	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





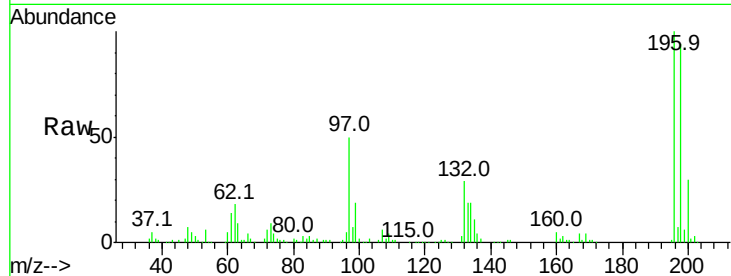
#43
 2,4,5-Trichlorophenol
 Concen: 55.61 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156216		
198	93.7	77.0	115.4	
97	49.7	31.9	47.9#	
132	29.2	20.3	30.5	

Manual Integrations
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MMdadoda
 10/13/2015 1:27:39 PM



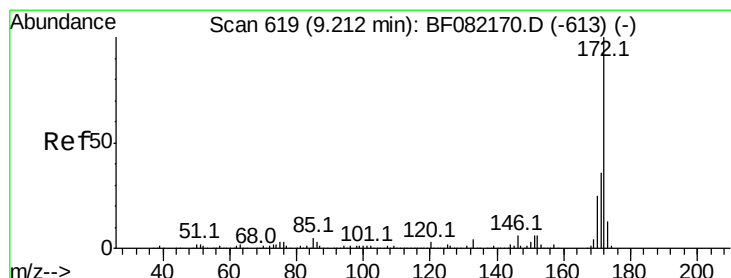
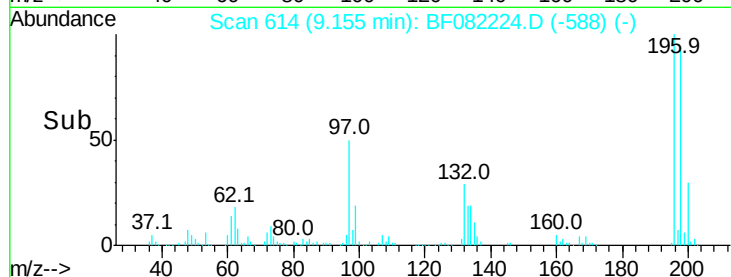
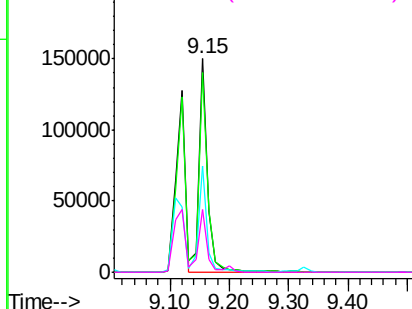
Abundance

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: 107.71 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

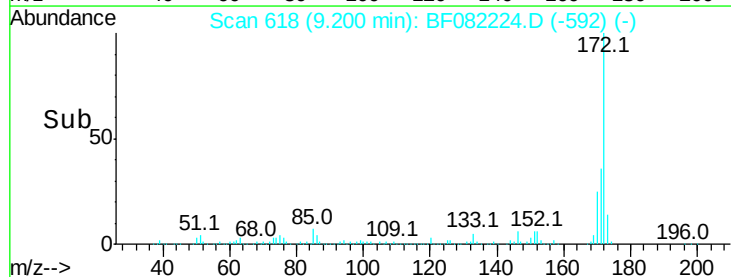
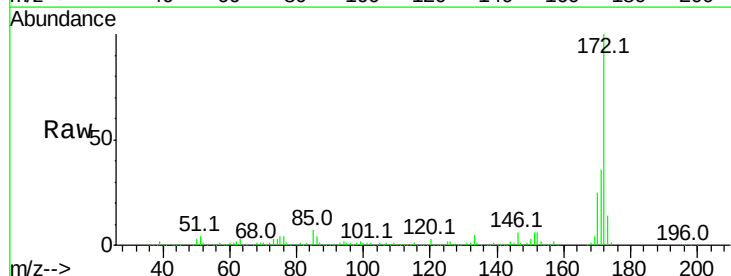
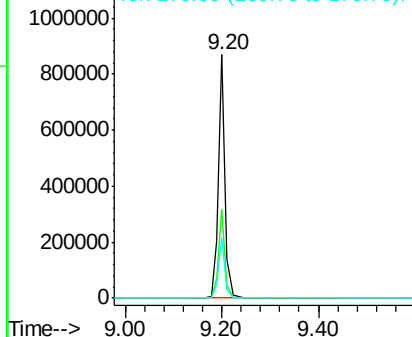
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	852532		
171	36.4	28.6	42.8	
170	24.9	19.7	29.5	

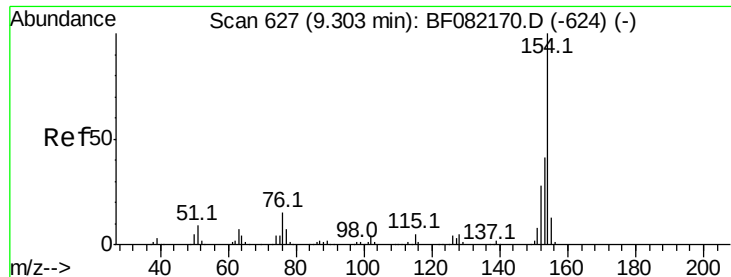
Abundance

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: 54.57 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

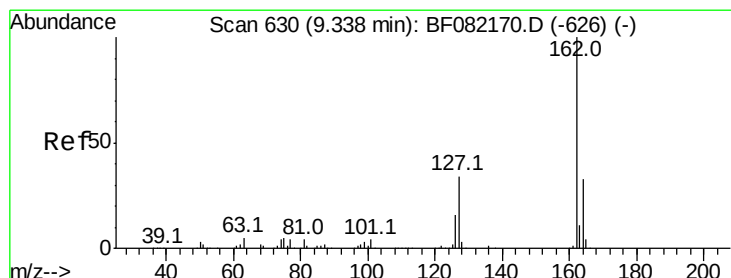
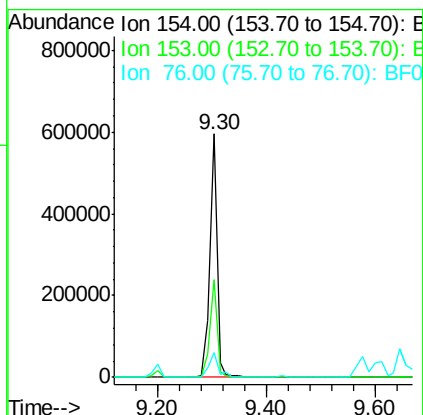
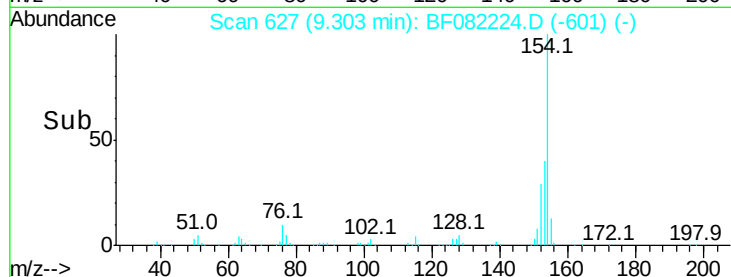
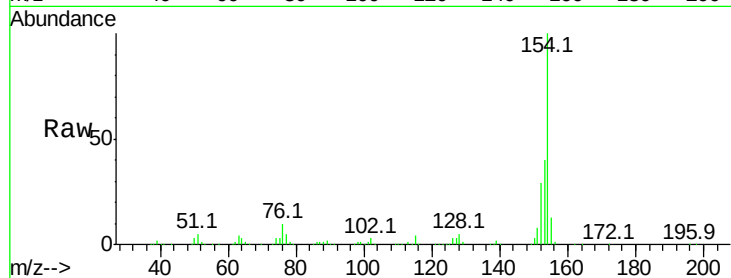
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	154	Resp:	546271
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.6	60.6
76	10.1	0.0	35.2

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#46

2-Chloronaphthalene

Concen: 53.95 ng

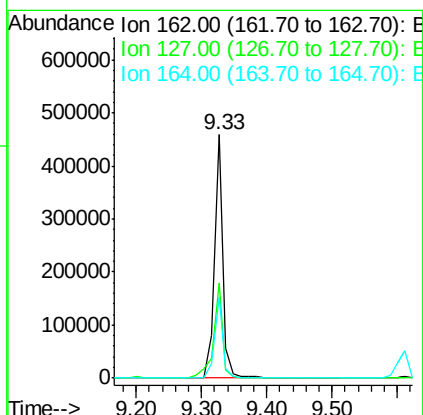
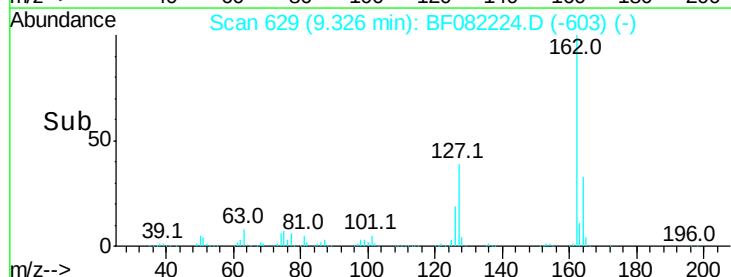
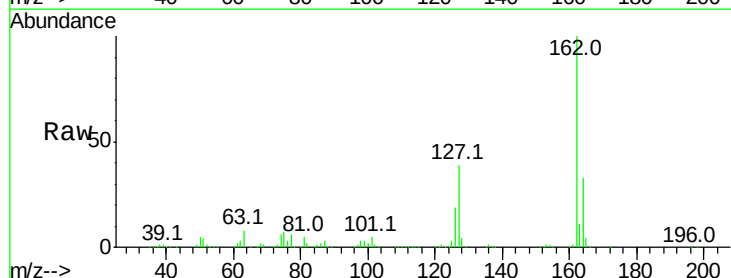
RT: 9.33 min Scan# 629

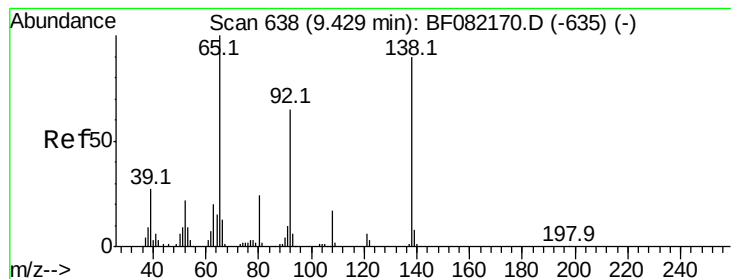
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	162	Resp:	425106
Ion Ratio	Lower	Upper	
162	100		
127	39.2	27.5	41.3
164	33.0	26.6	39.8





#47

2-Nitroaniline

Concen: 59.78 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

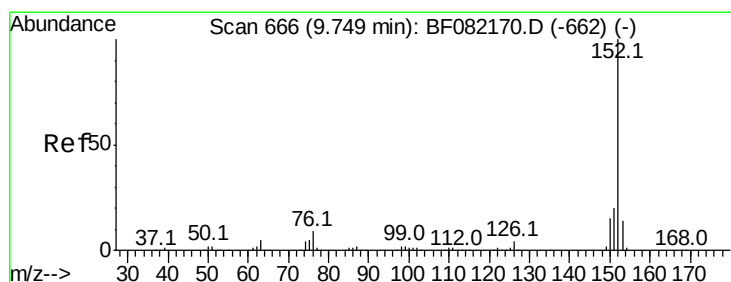
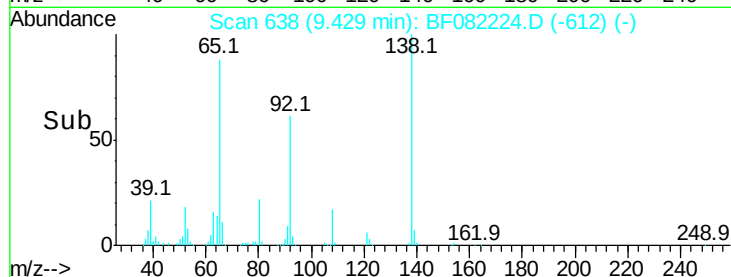
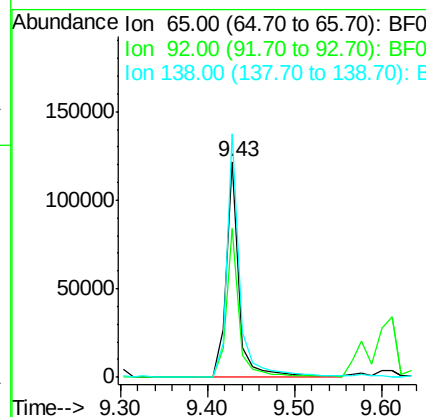
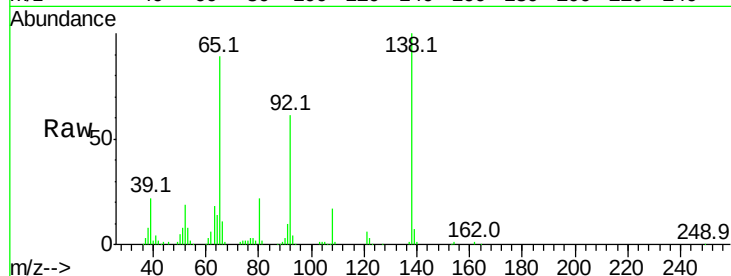
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	65	Resp:	129324
Ion Ratio	Lower	Upper	
65	100		
92	69.2	52.3	78.5
138	112.9	72.2	108.4

Manual Integrations
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#48

Acenaphthylene

Concen: 52.48 ng

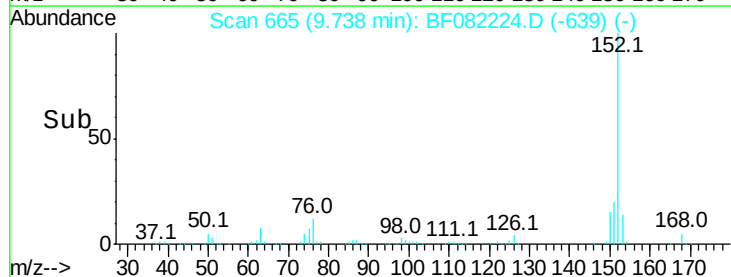
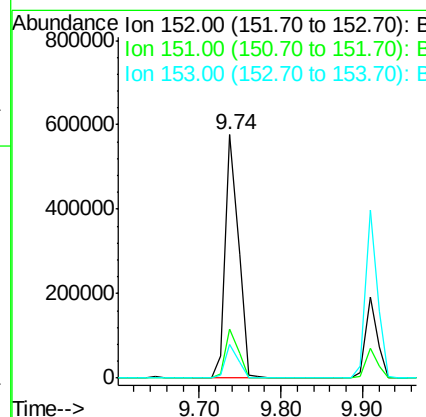
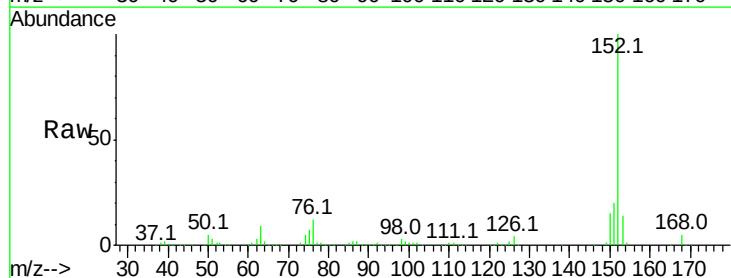
RT: 9.74 min Scan# 665

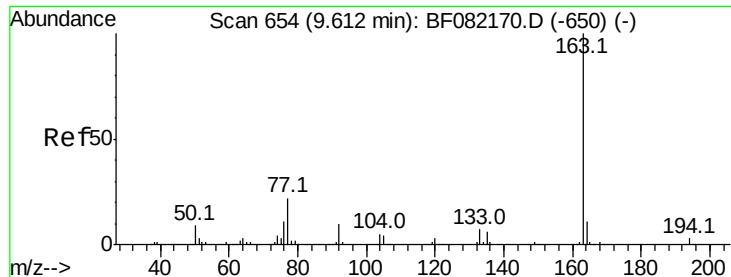
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	152	Resp:	644176
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.4	24.6
153	13.6	10.8	16.2





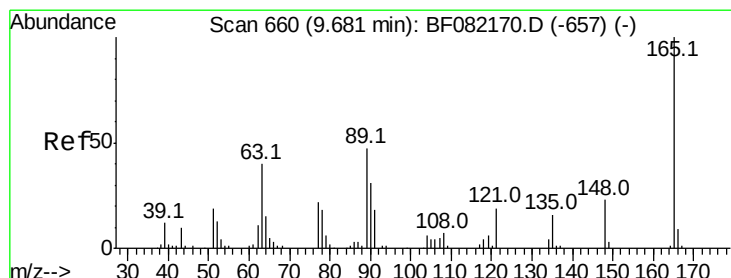
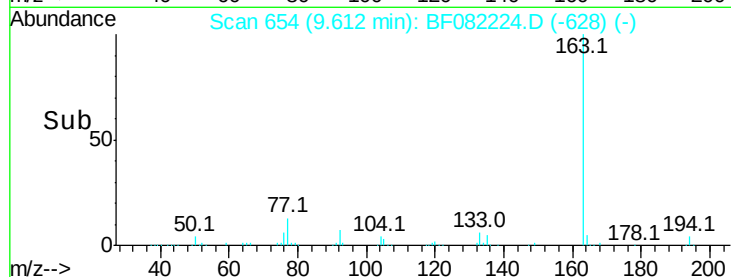
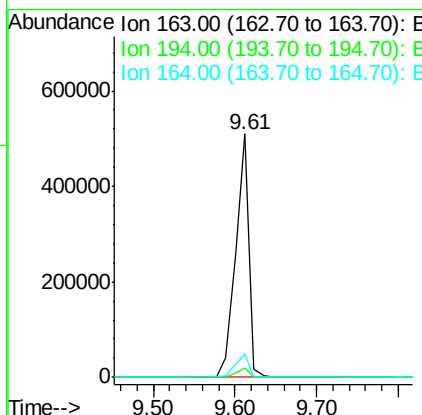
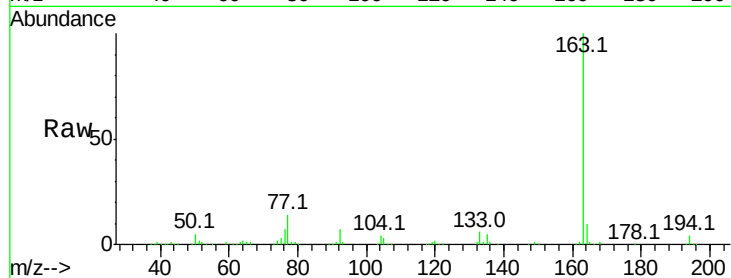
#49
Dimethylphthalate
Concen: 61.86 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	571761		
194	3.7	2.6	4.0	
164	9.9	8.5	12.7	

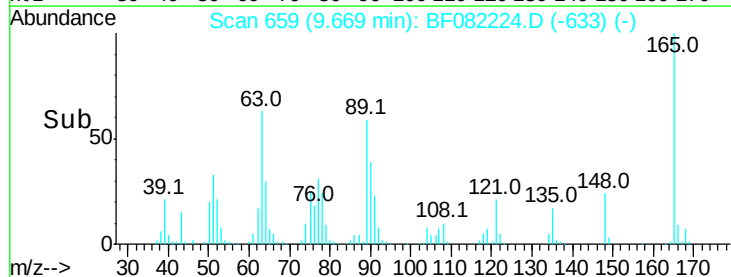
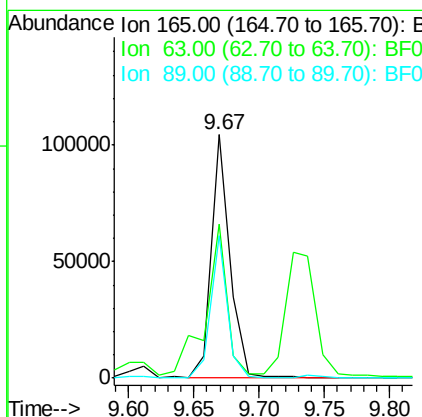
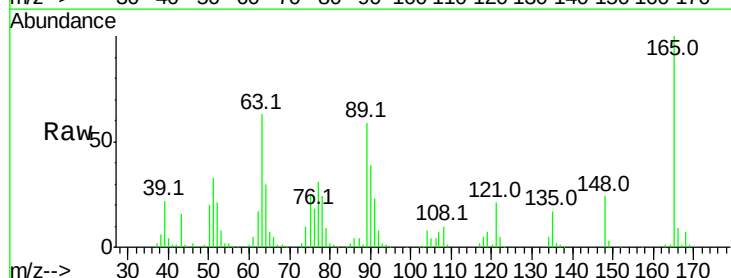
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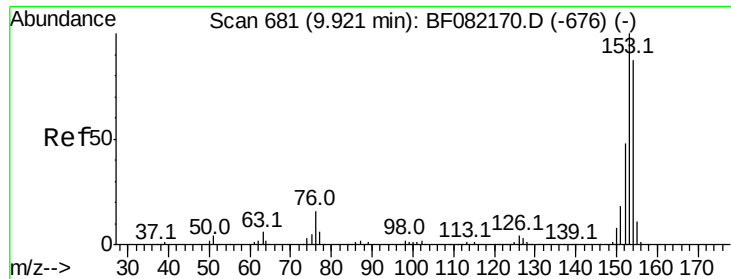
MMdadoda
10/13/2015 1:27:39 PM



#50
2,6-Dinitrotoluene
Concen: 54.00 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	105324		
63	63.4	36.7	55.1#	
89	58.7	37.8	56.6#	





#51

Acenaphthene

Concen: 52.01 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

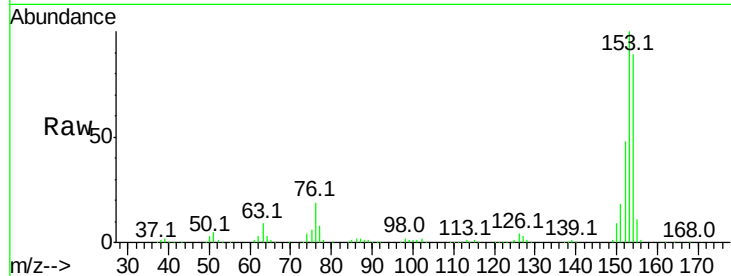
ClientSampleId :

TE-PMW(43)MS

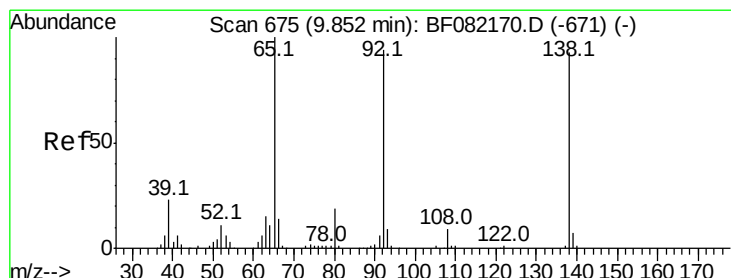
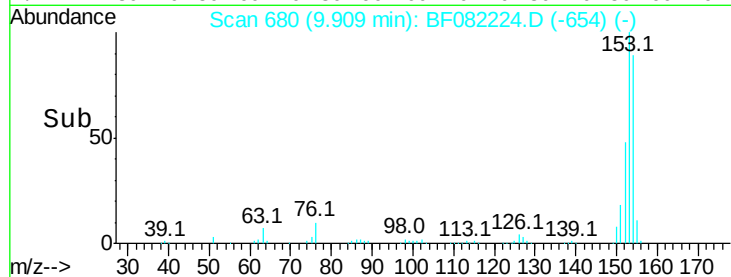
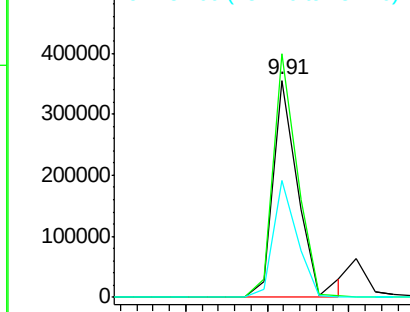
Tot Ion:	154	Resp:	383277
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.4	137.2
152	54.0	44.3	66.5

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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: 18.08 ng

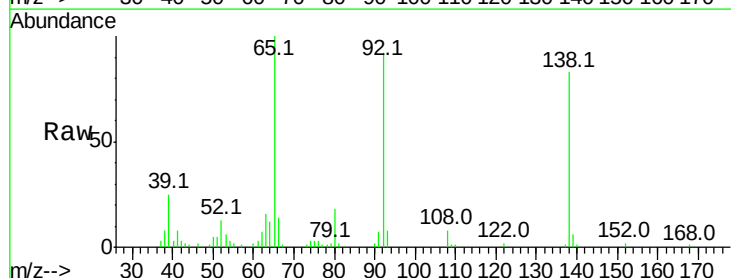
RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

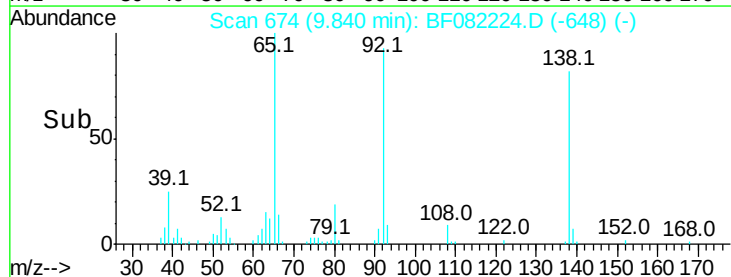
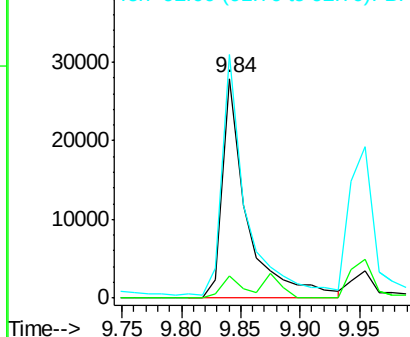
Lab File: BF082224.D

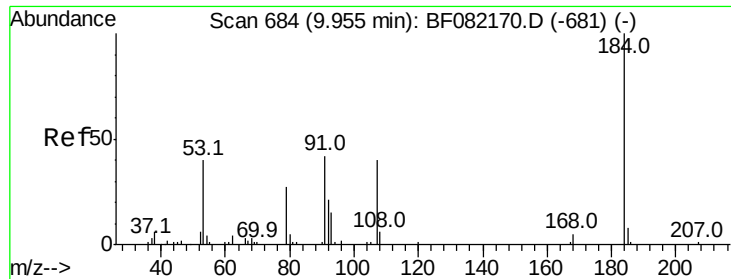
Acq: 12 Oct 2015 17:09

Tgt Ion:	138	Resp:	39842
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.4	11.0
92	110.8	81.3	121.9



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: 116.36 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

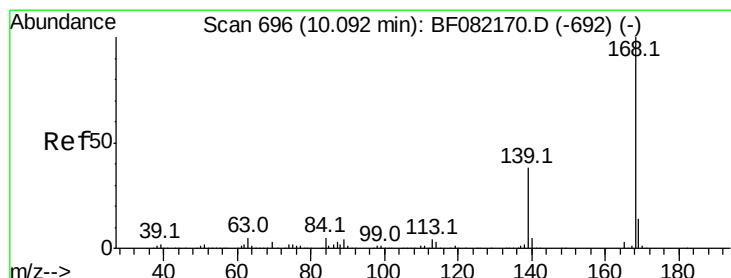
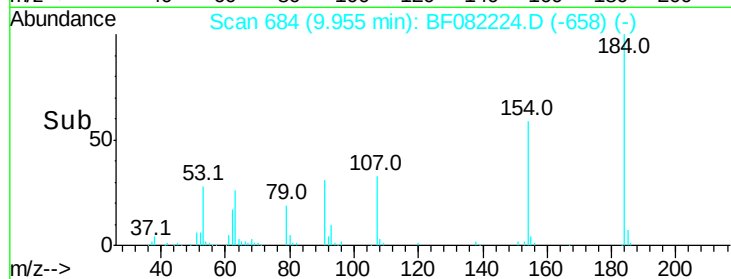
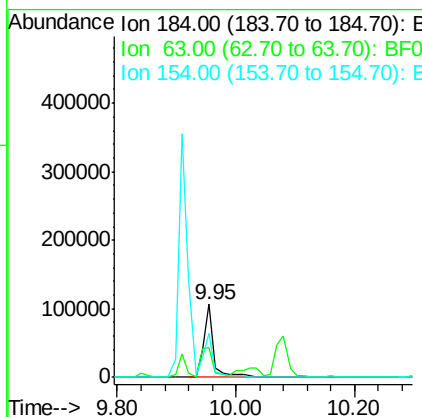
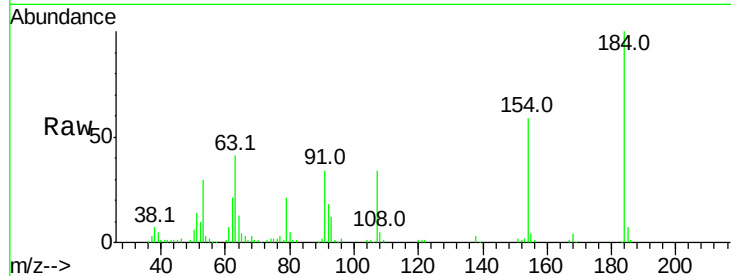
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	184	Resp:	130261
Ion Ratio	Lower	Upper	
184	100		
63	41.4	45.1	67.7#
154	59.3	51.2	76.8

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#54

Dibenzofuran

Concen: 56.39 ng

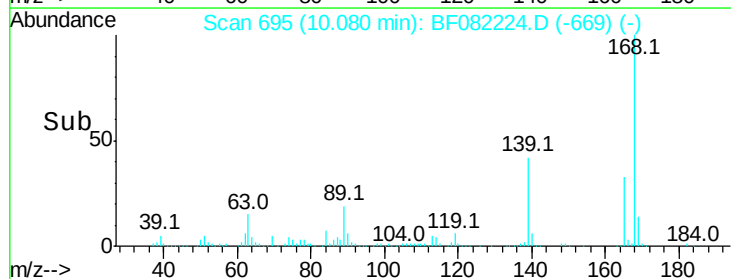
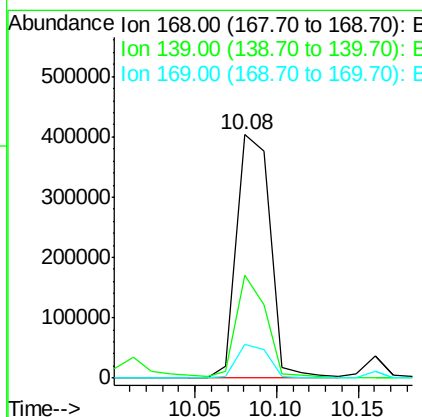
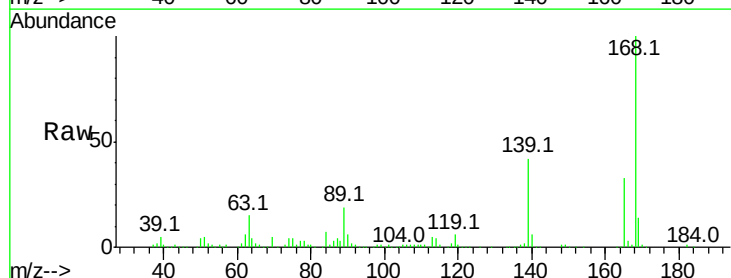
RT: 10.08 min Scan# 695

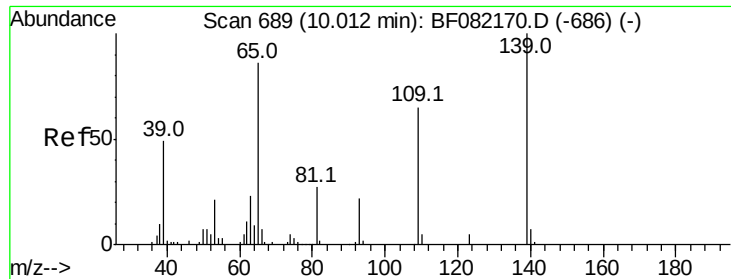
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	168	Resp:	570494
Ion Ratio	Lower	Upper	
168	100		
139	42.3	31.0	46.6
169	14.0	10.9	16.3





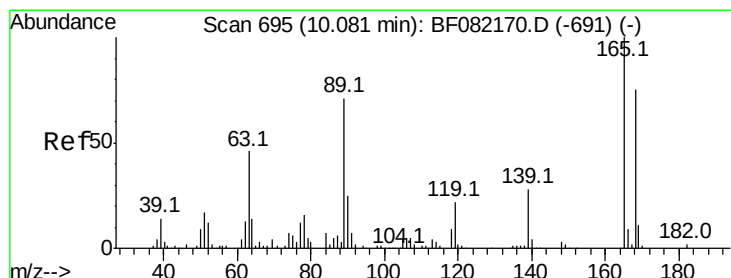
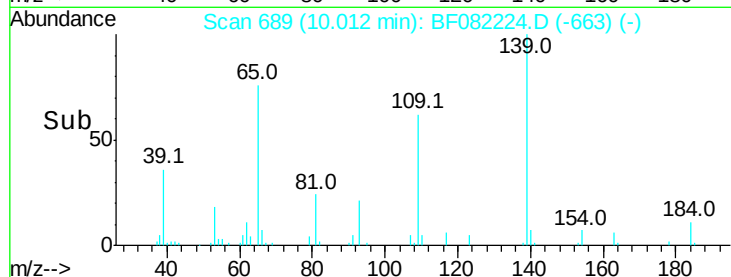
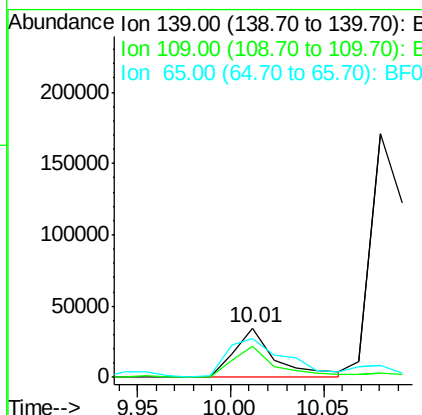
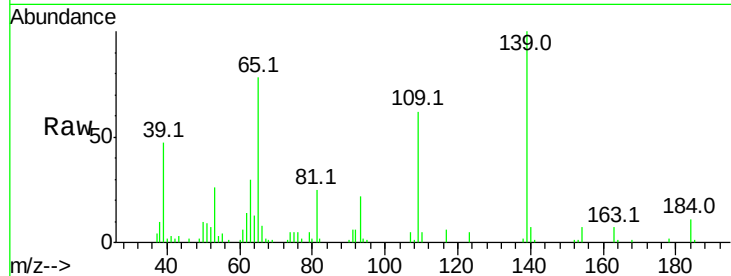
#55
4-Nitrophenol
Concen: 42.33 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.3	44.8	84.8
65	78.4	67.7	107.7

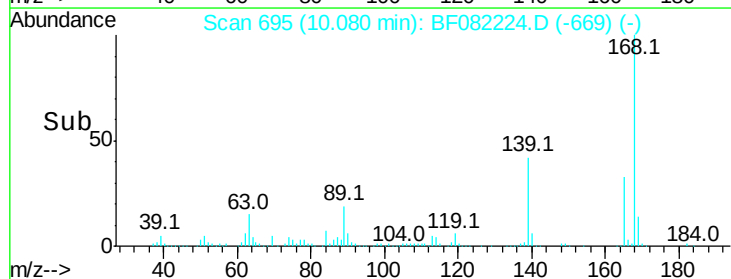
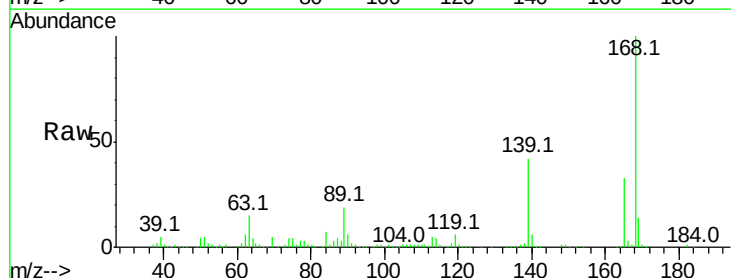
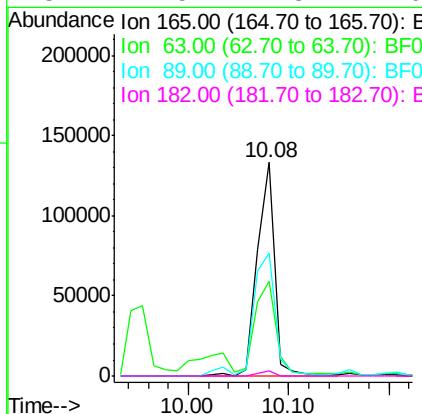
Manual Integrations
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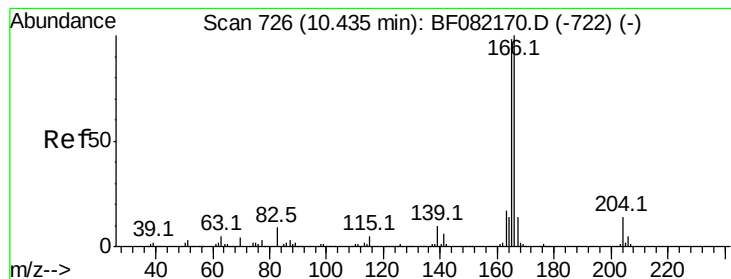
MMdadoda
10/13/2015 1:27:39 PM



#56
2,4-Dinitrotoluene
Concen: 65.91 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	38.6	58.0
89	57.4	57.0	85.6
182	2.5	1.8	2.6





#57

Fluorene

Concen: 53.88 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

Tot Ion:166 Resp: 447708

Ion Ratio Lower Upper

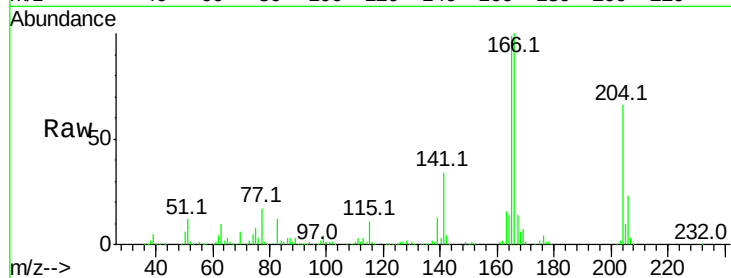
166 100

165 99.0 78.3 117.5

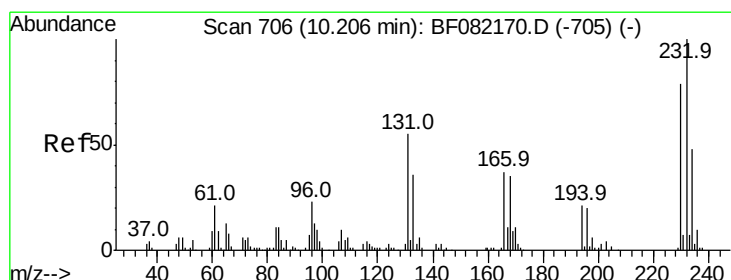
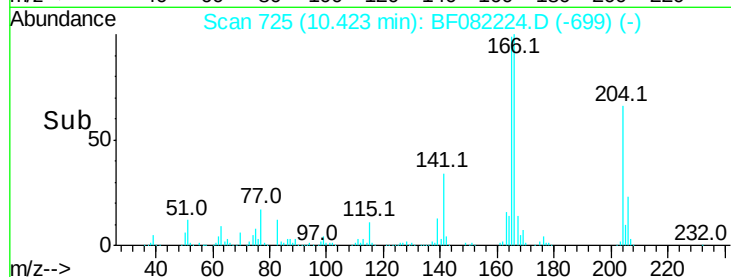
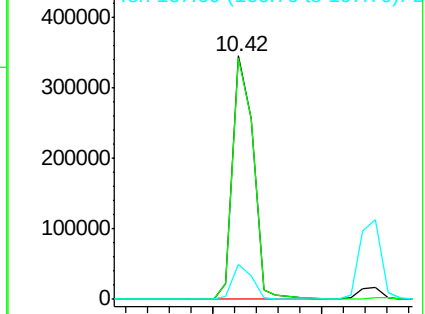
167 14.1 10.8 16.2

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:27:39 PM



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: 59.91 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:232 Resp: 137508

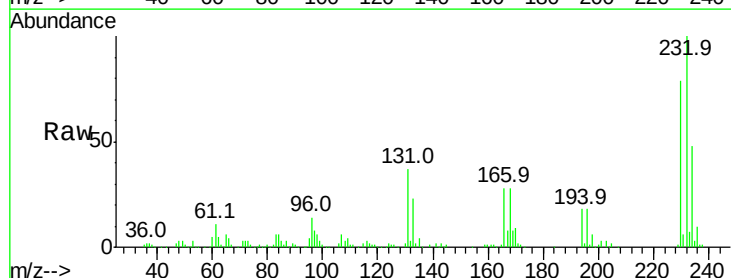
Ion Ratio Lower Upper

232 100

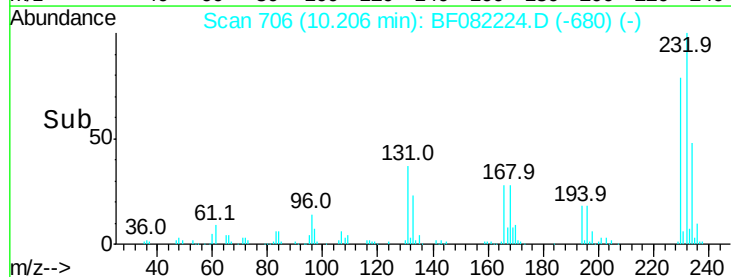
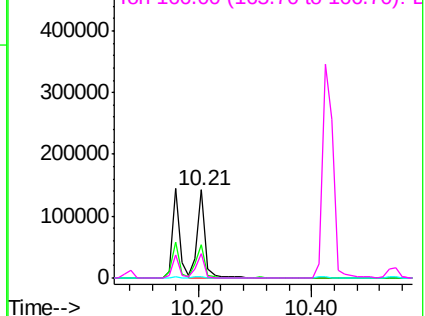
131 41.8 36.6 54.8

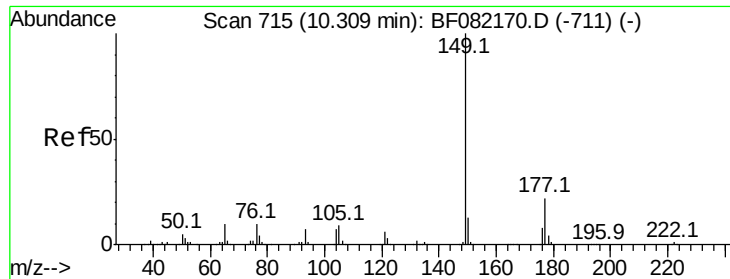
130 1.8 1.5 2.3

166 28.7 24.6 37.0



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





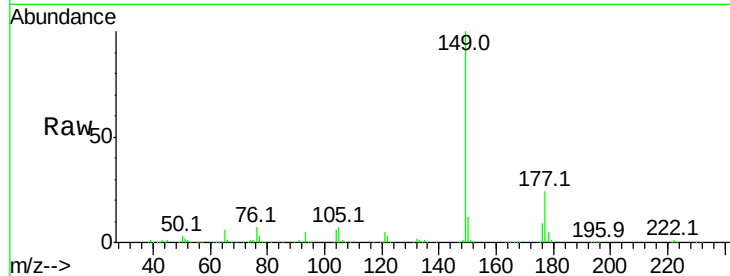
#59
Diethylphthalate
Concen: 60.95 ng
RT: 10.31 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

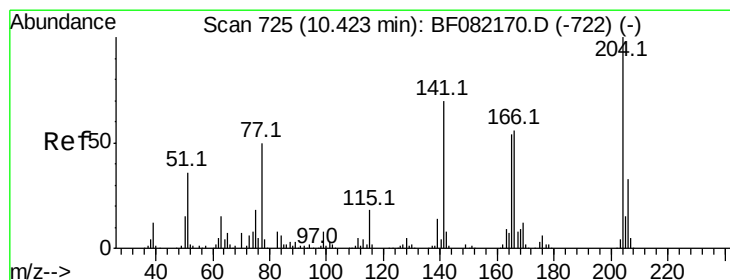
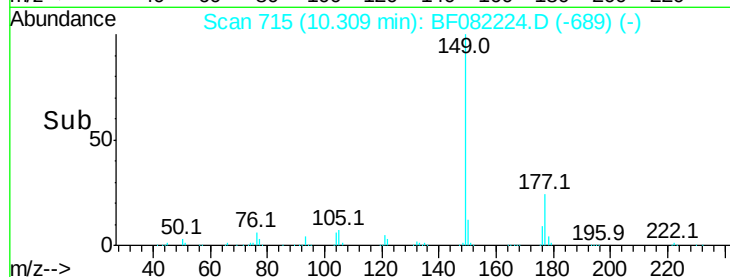
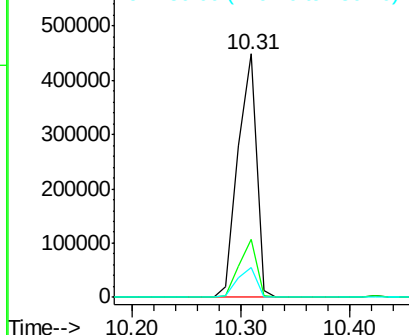
Tot Ion	Ratio	Resp	Lower	Upper
149	100	525117		
177	23.9		17.6	26.4
150	12.4		10.3	15.5

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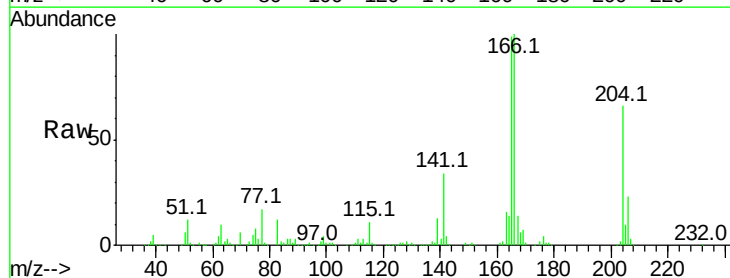


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

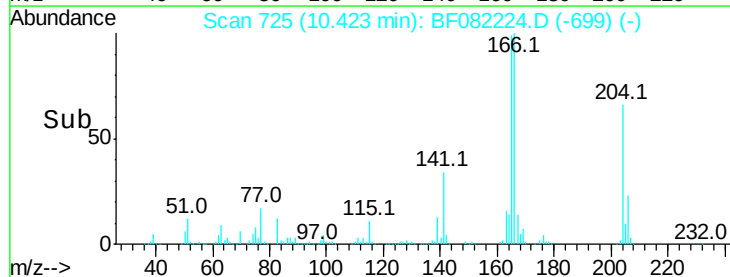
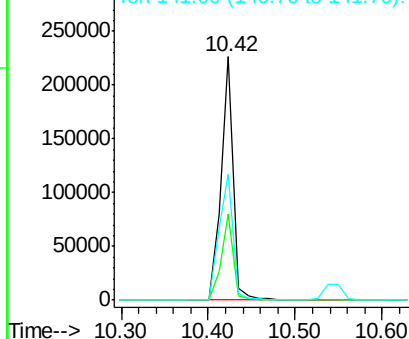


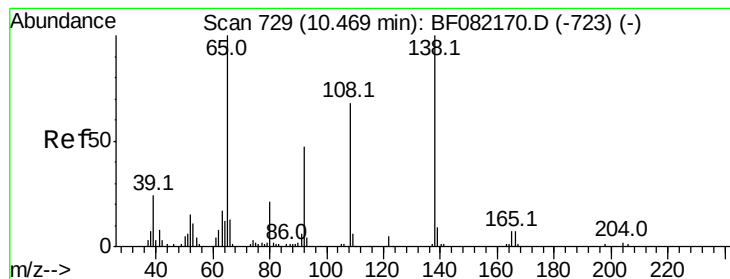
#60
4-Chlorophenyl-phenylether
Concen: 58.94 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	224338		
206	35.5		26.8	40.2
141	51.6		56.1	84.1#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





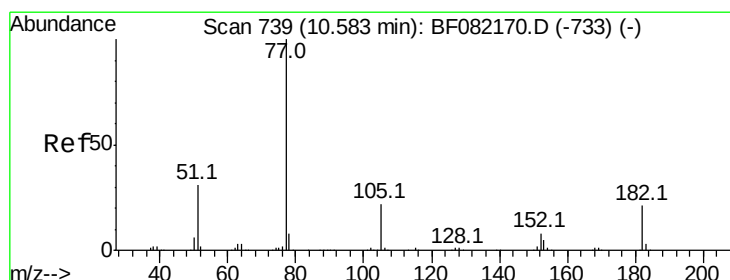
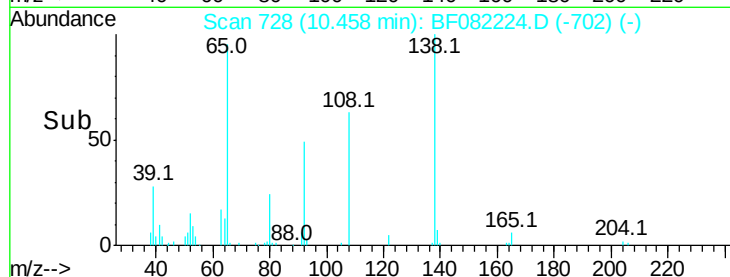
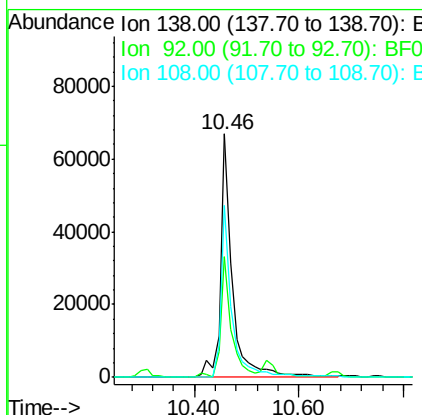
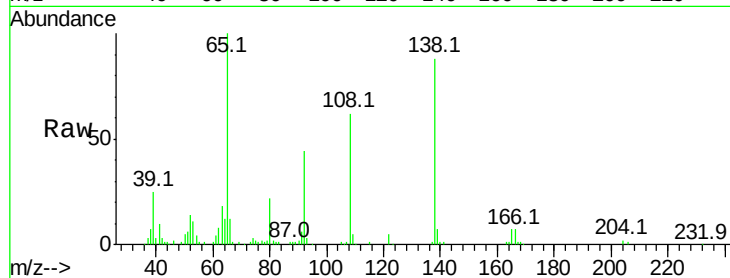
#61
4-Nitroaniline
Concen: 49.65 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	106095		
92	49.8	26.8	66.8	
108	70.4	48.4	88.4	

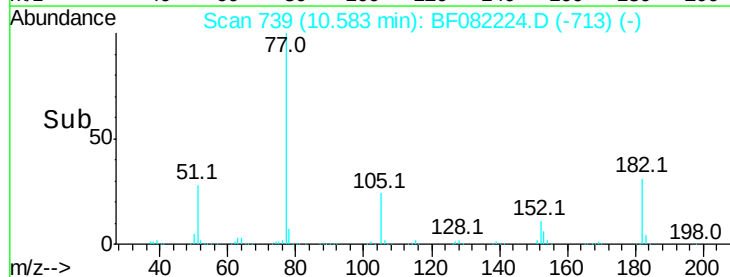
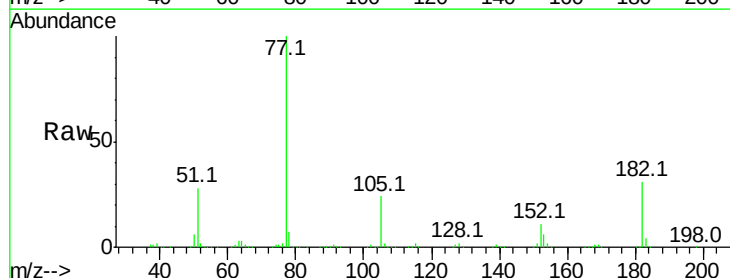
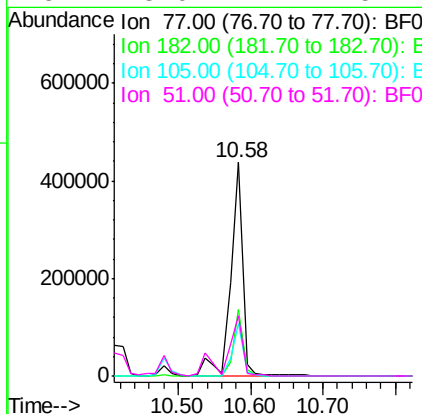
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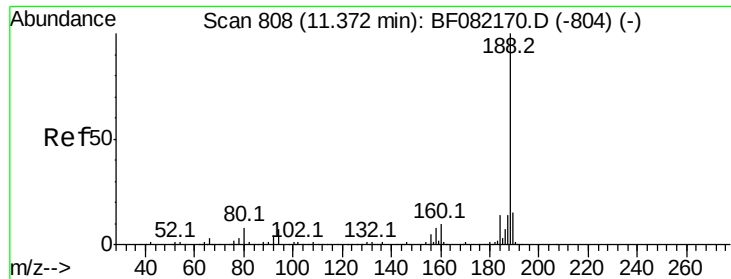
MMdadoda
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#62
Azobenzene
Concen: 59.74 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	503764		
182	31.0	0.5	40.5	
105	24.4	1.8	41.8	
51	28.0	11.2	51.2	





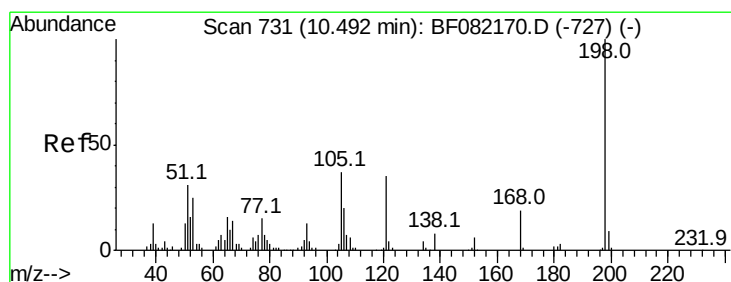
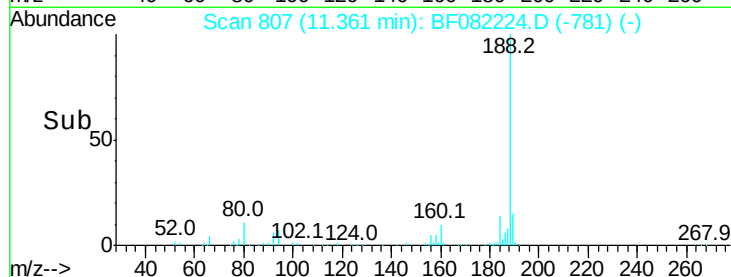
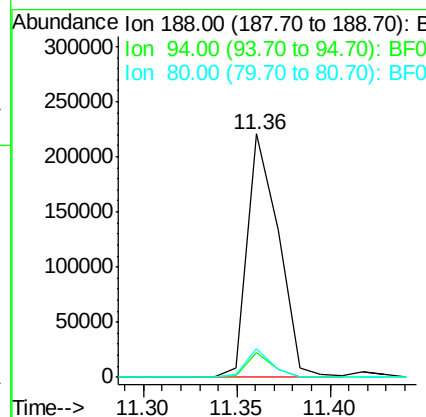
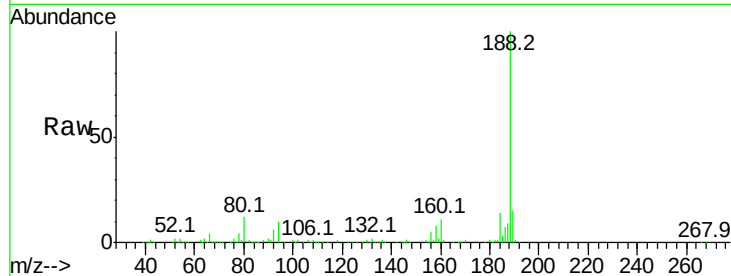
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	5.8	8.6#
80	11.7	6.4	9.6#

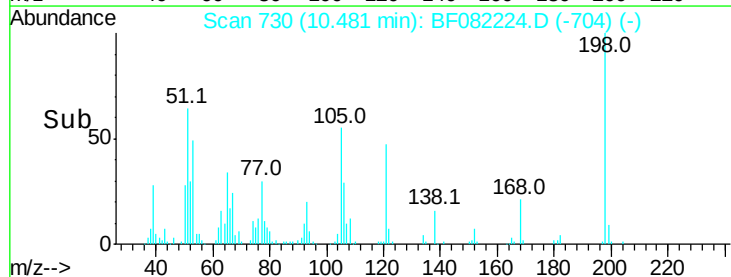
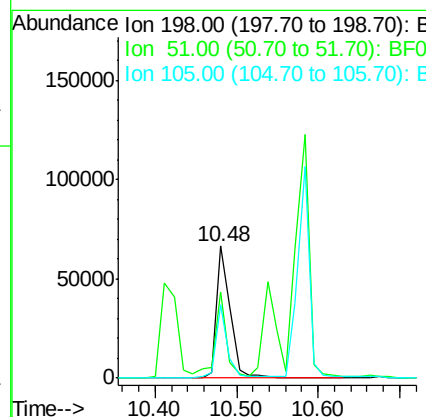
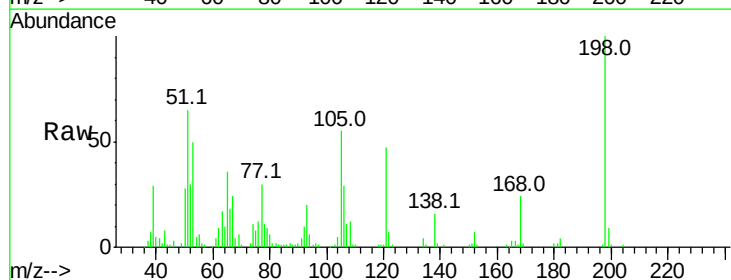
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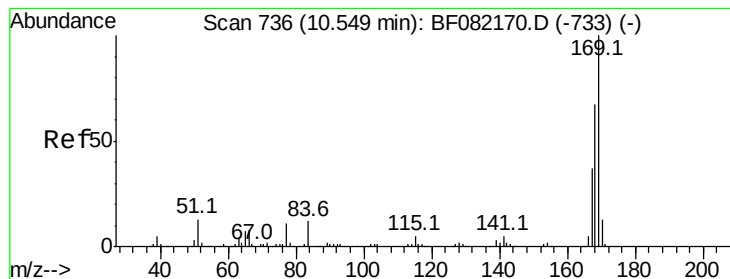
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 54.66 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	65.1	13.6	53.6#
105	55.3	17.1	57.1





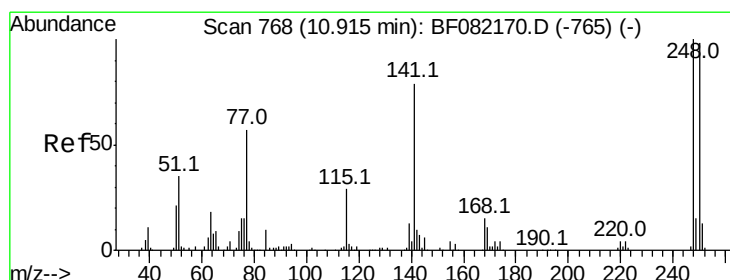
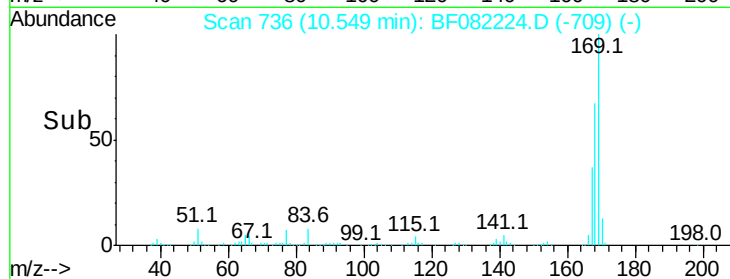
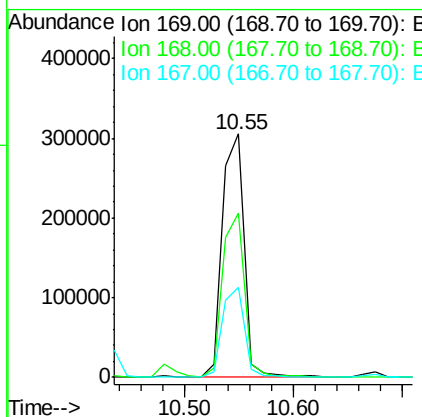
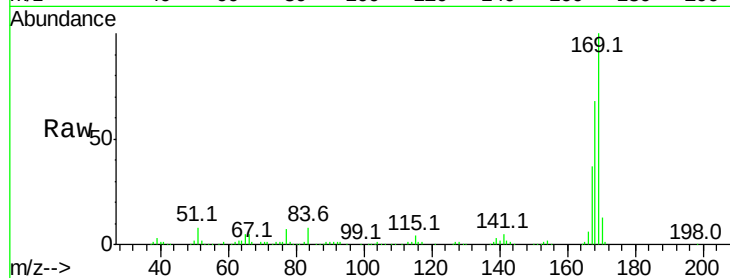
#65
 n-Nitrosodiphenylamine
 Concen: 54.91 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	424591		
168	67.6	54.0	81.0	
167	37.0	29.6	44.4	

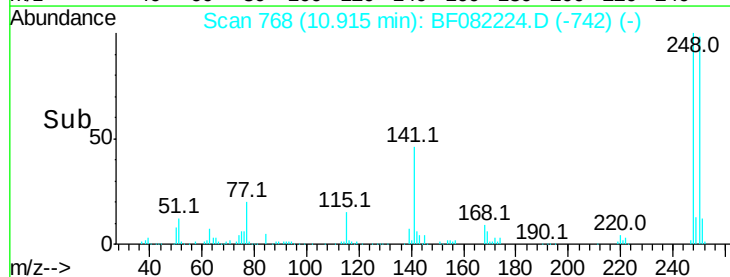
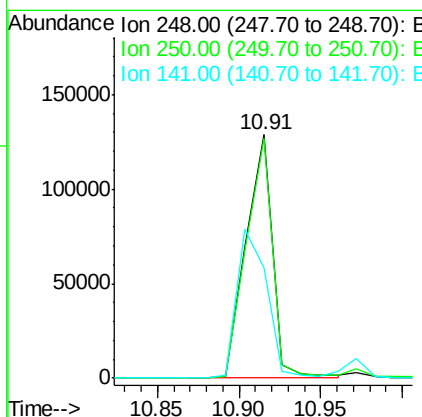
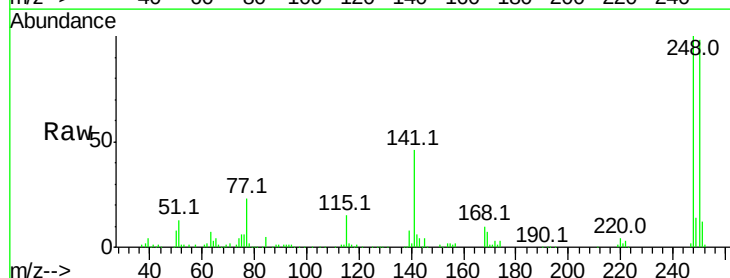
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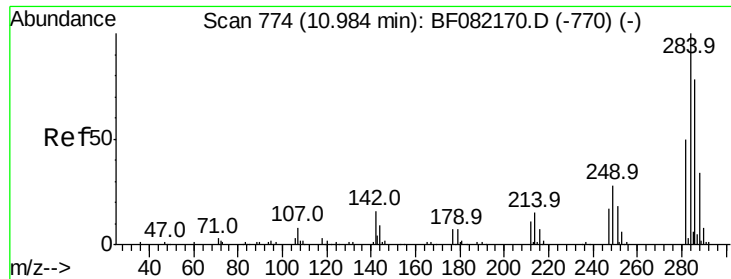
MMdadoda
 10/13/2015 1:27:39 PM



#66
 4-Bromophenyl-phenylether
 Concen: 56.11 ng
 RT: 10.91 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	145012		
250	98.4	78.6	117.8	
141	45.5	63.3	94.9	





#67

Hexachlorobenzene

Concen: 54.17 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

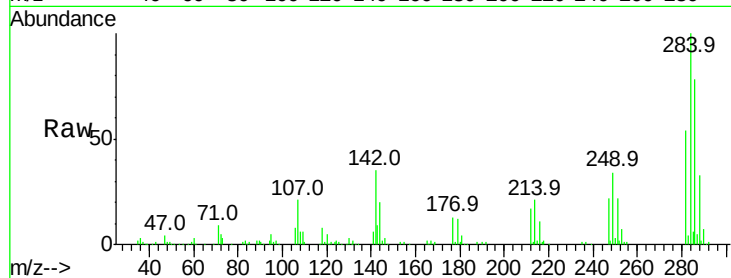
ClientSampleId :

TE-PMW(43)MS

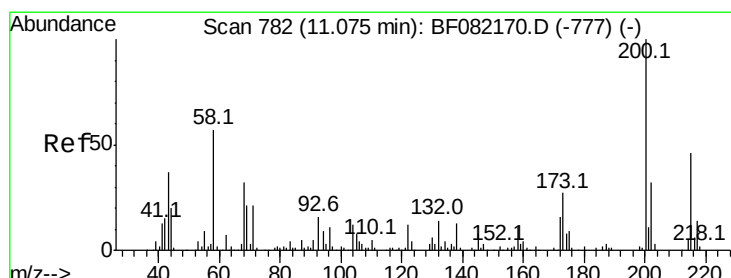
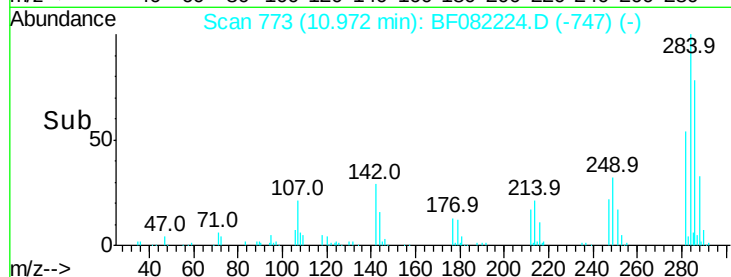
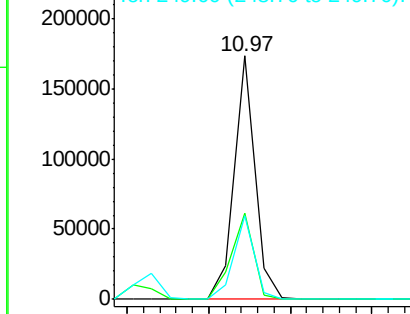
Tot Ion:	284	Resp:	151417
Ion Ratio		Lower	Upper
284	100		
142	35.4	13.0	19.6#
249	34.5	22.5	33.7#

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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: 61.77 ng

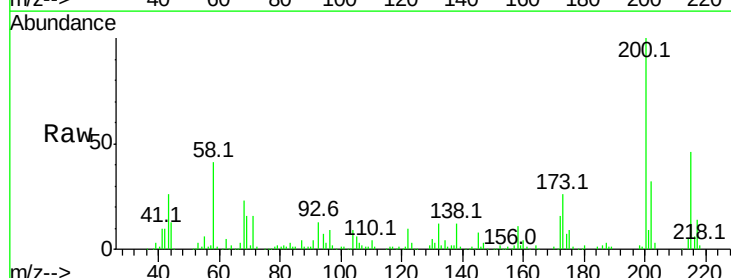
RT: 11.07 min Scan# 782

Delta R.T. -0.00 min

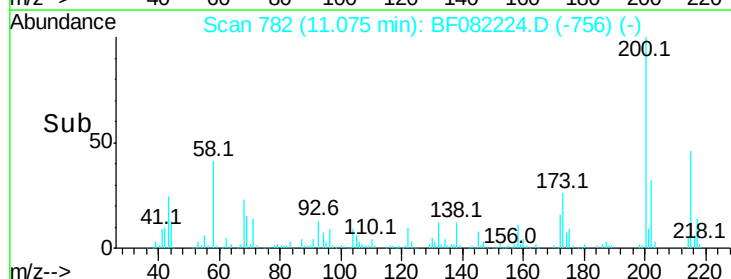
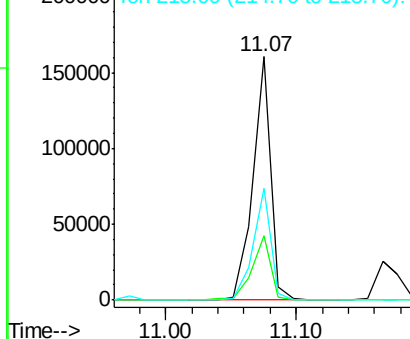
Lab File: BF082224.D

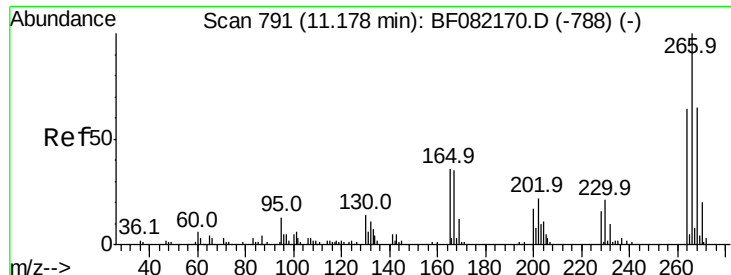
Acq: 12 Oct 2015 17:09

Tgt Ion:	200	Resp:	151309
Ion Ratio		Lower	Upper
200	100		
173	26.3	7.3	47.3
215	46.1	26.2	66.2



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





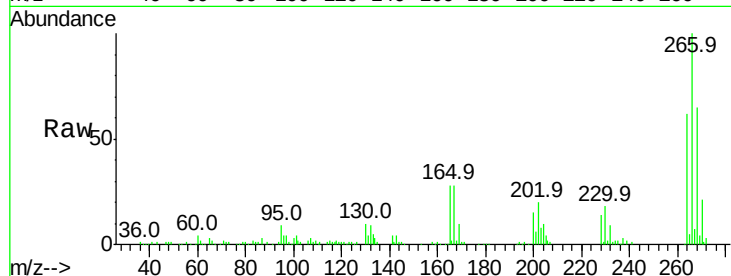
#69
 Pentachlorophenol
 Concen: 121.01 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

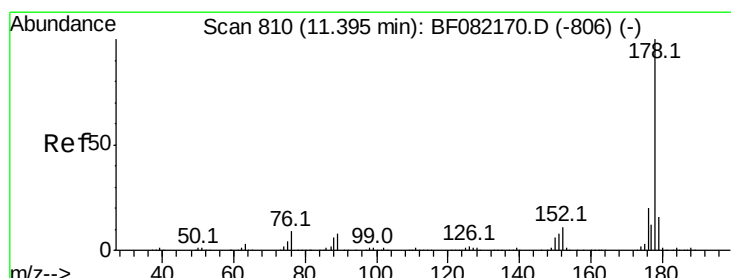
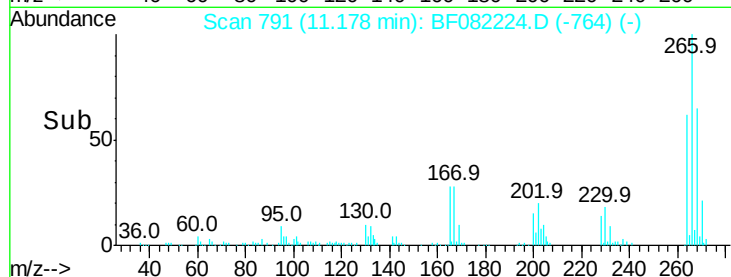
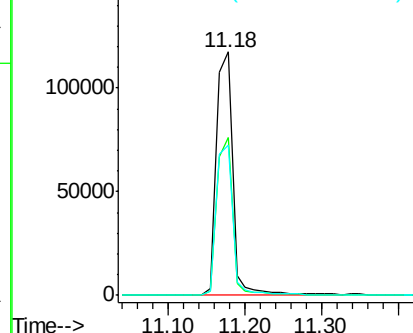
Tot Ion	Ratio	Resp	Lower	Upper
266	100	174047		
268	64.6	52.0	78.0	
264	61.5	51.4	77.0	

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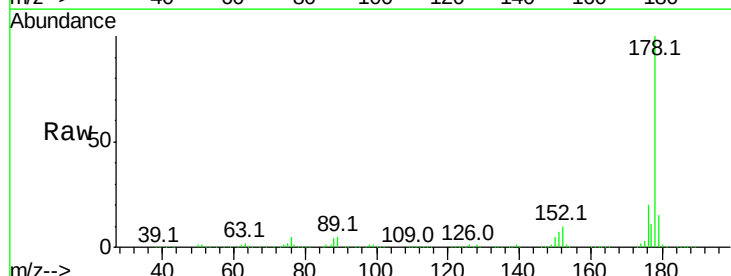


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

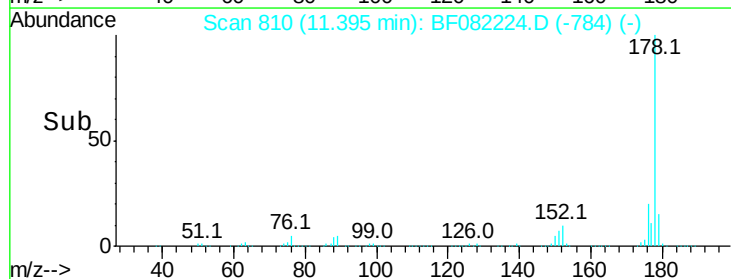
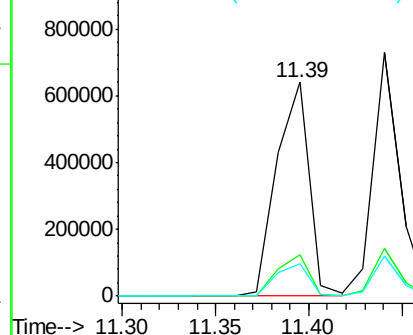


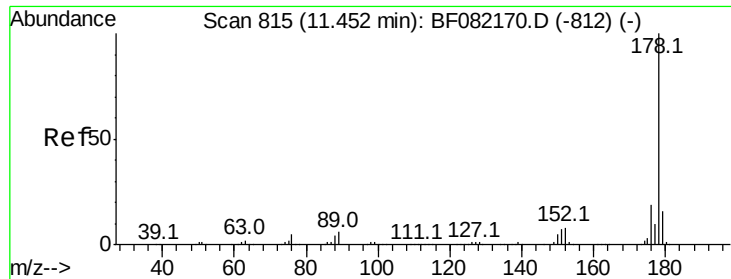
#70
 Phenanthrene
 Concen: 60.92 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	771158		
176	19.6	16.0	24.0	
179	15.3	12.6	19.0	



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





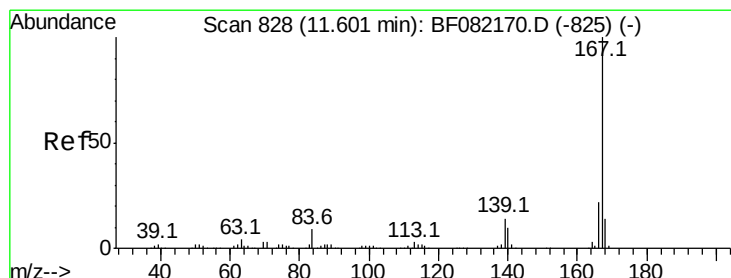
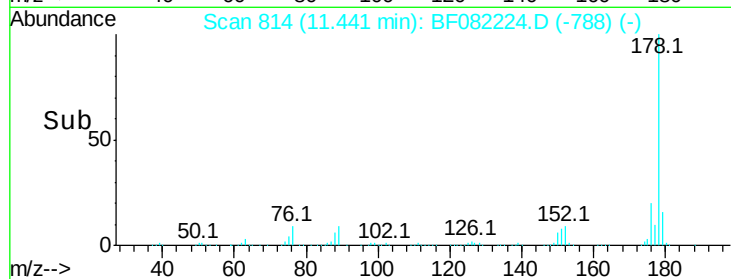
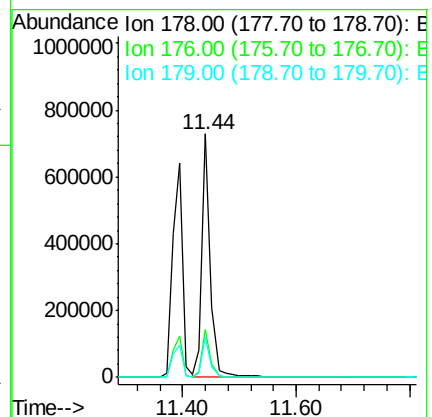
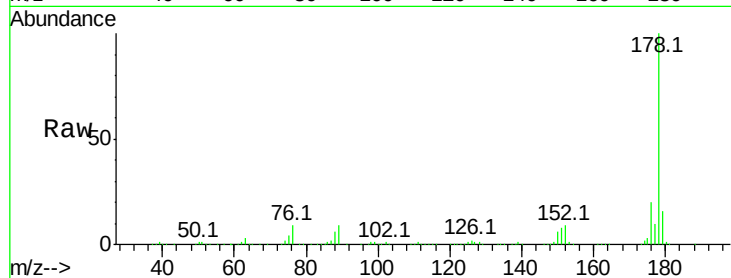
#71
 Anthracene
 Concen: 57.07 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.2	12.5	18.7

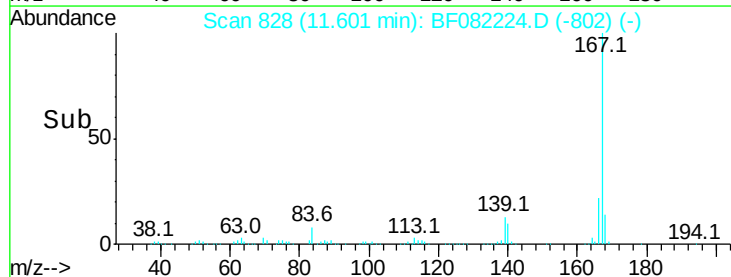
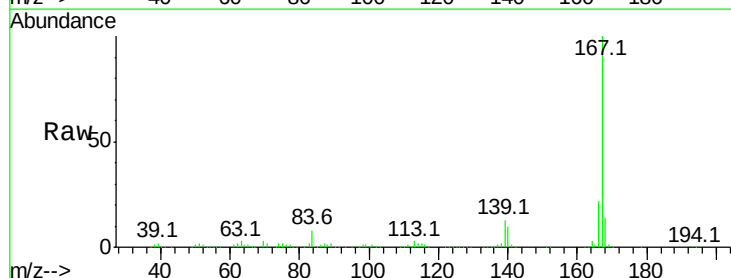
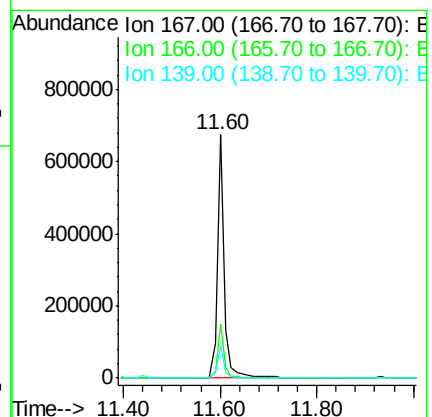
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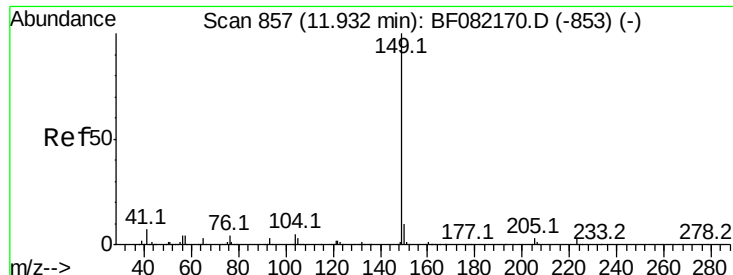
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#72
 Carbazole
 Concen: 58.21 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 55.90 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

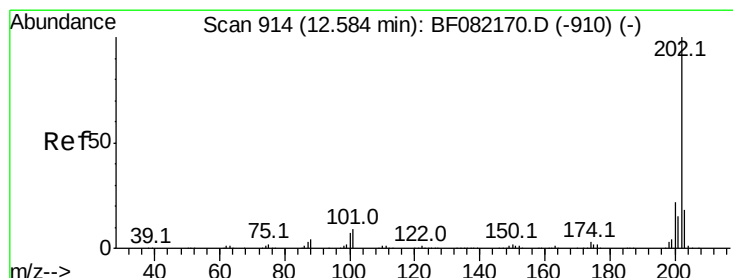
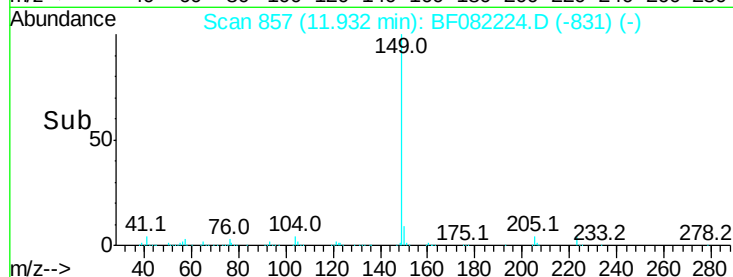
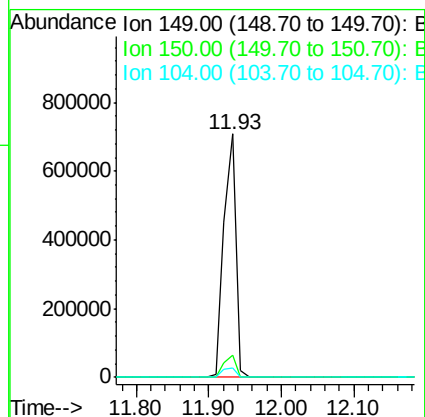
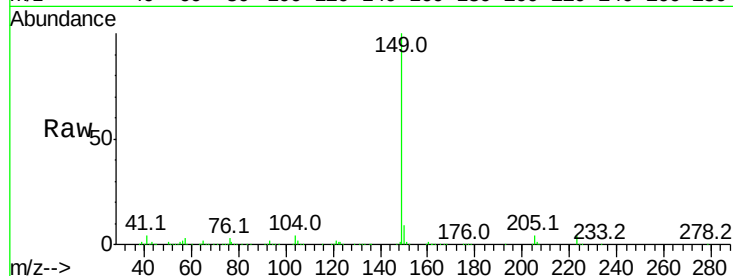
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	149	Resp:	820606
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	3.8	3.8	5.8#

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#74

Fluoranthene

Concen: 60.06 ng

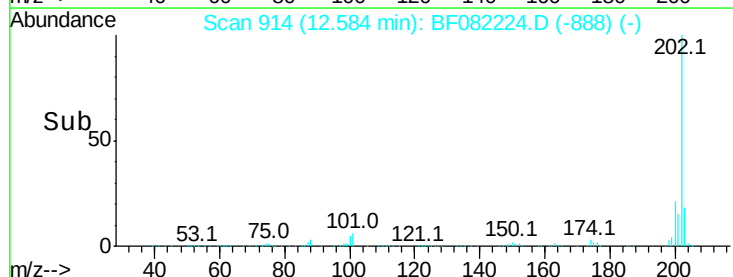
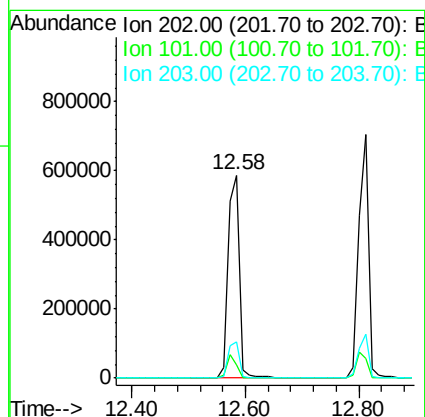
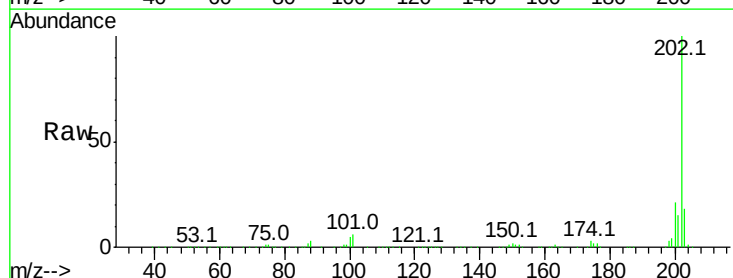
RT: 12.58 min Scan# 914

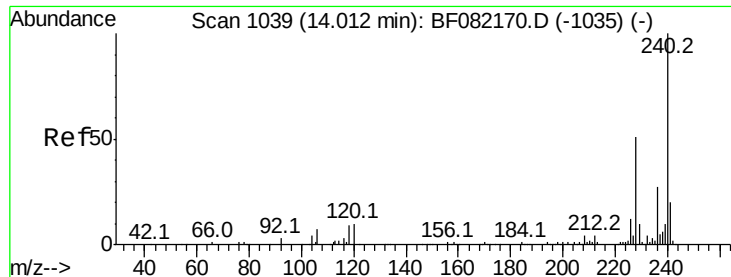
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	202	Resp:	816515
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	29.3
203	17.7	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

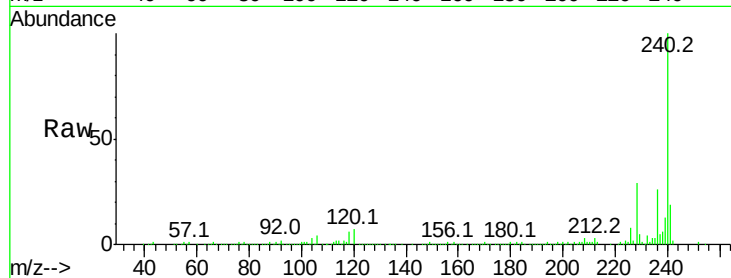
ClientSampleId :

TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.7	8.1	12.1	#
236	25.8	21.3	31.9	

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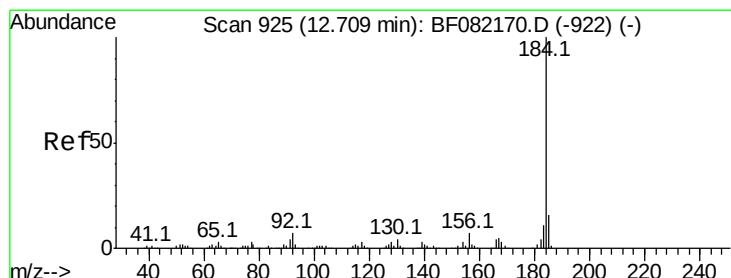
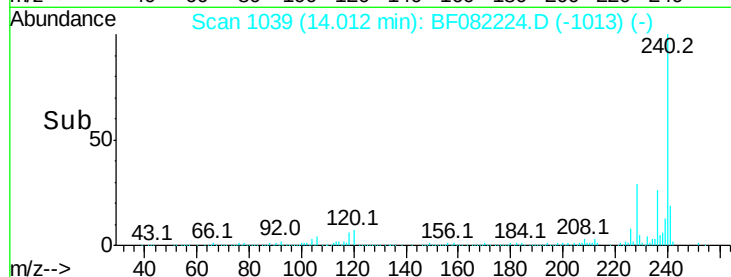
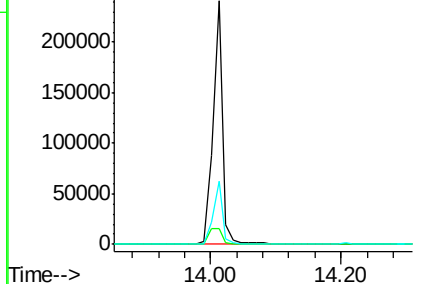
MMdadoda
10/13/2015 1:27:39 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.43 ng

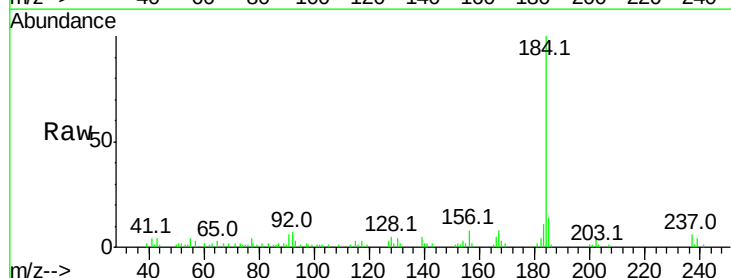
RT: 12.71 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

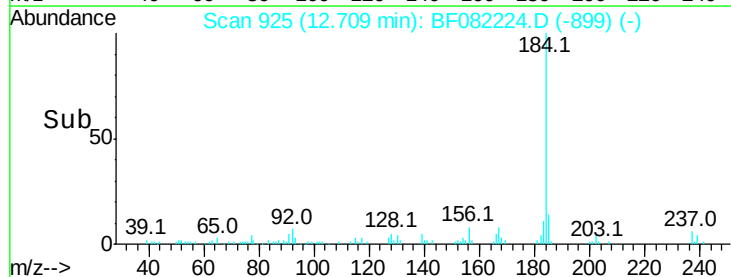
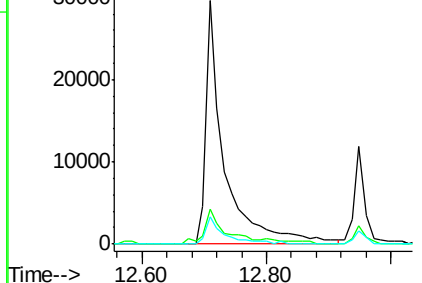
Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.5	18.7	
183	11.5	9.1	13.7	

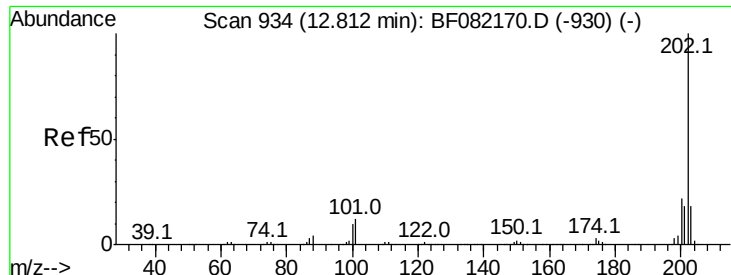


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





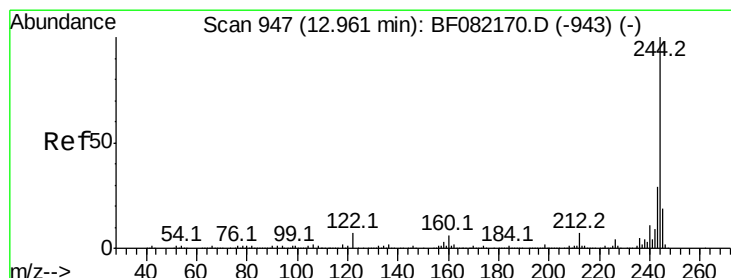
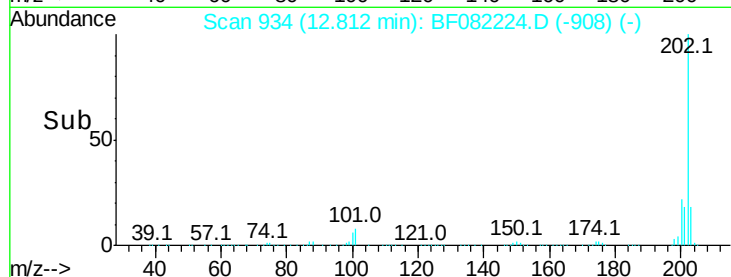
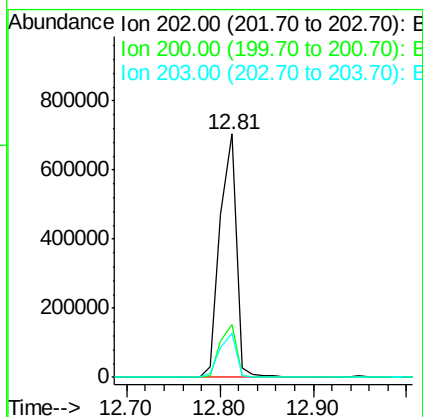
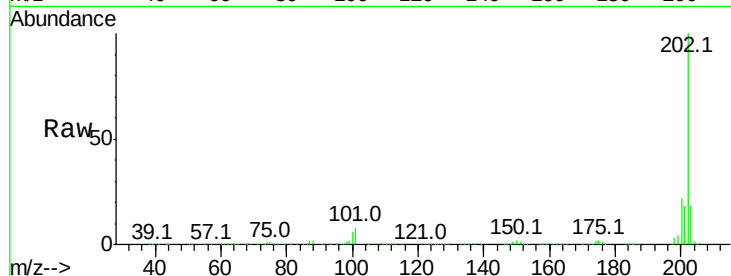
#77
Pvrene
Concen: 57.78 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	17.8	14.5	21.7

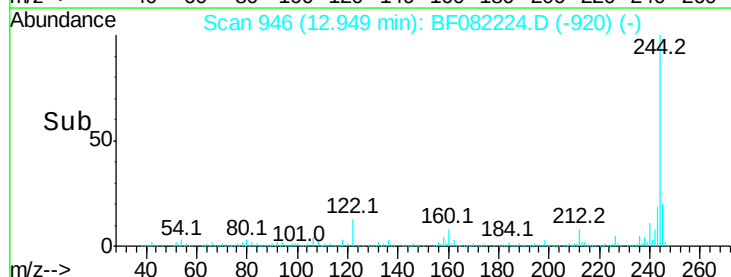
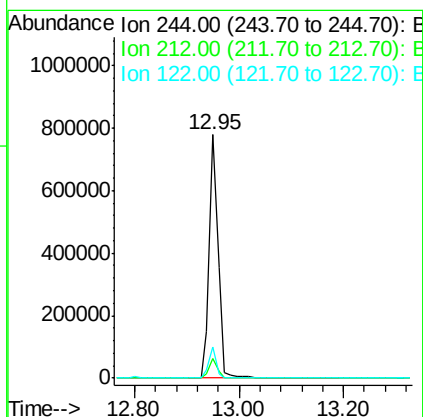
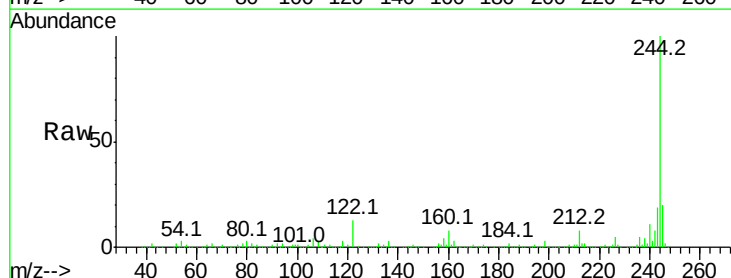
Manual Integrations
APPROVED

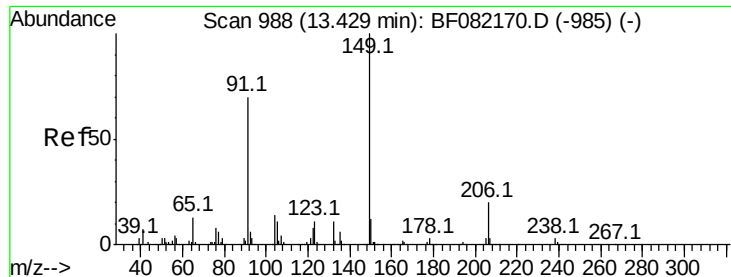
MMdadoda
10/13/2015 1:27:39 PM



#78
Terphenyl-d14
Concen: 97.88 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	12.7	5.9	8.9#





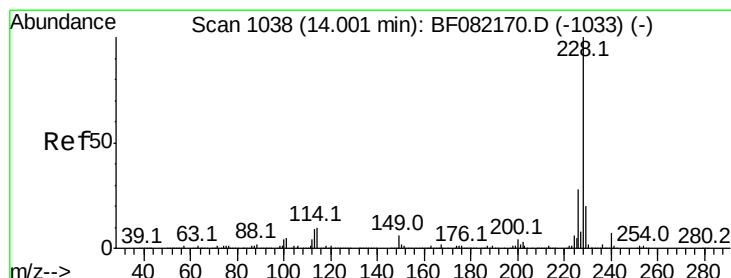
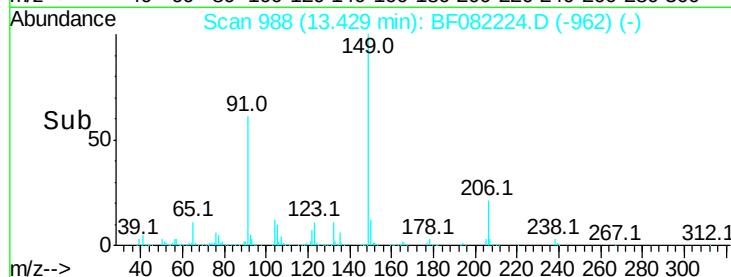
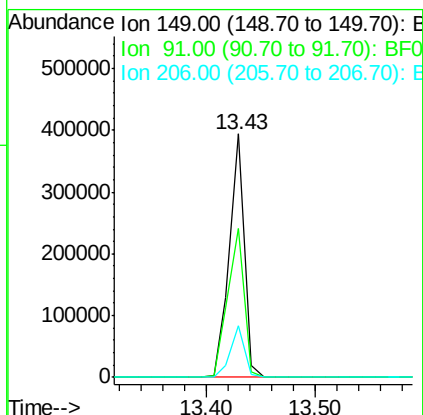
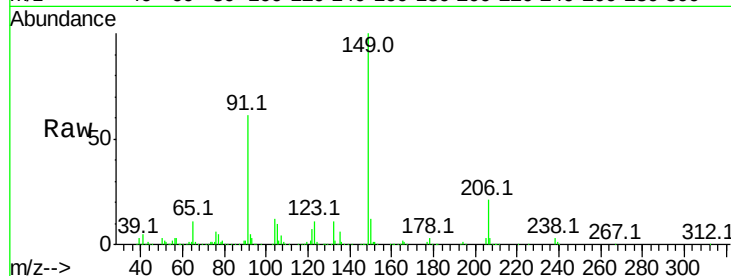
#79
Butylbenzylphthalate
Concen: 55.63 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	376890		
91	61.0	55.7	83.5	
206	21.4	15.6	23.4	

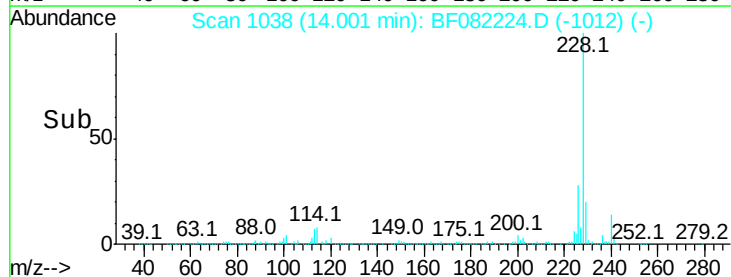
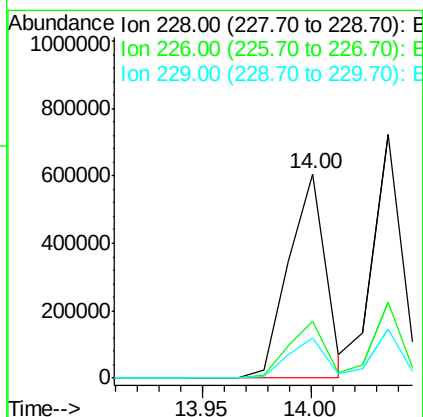
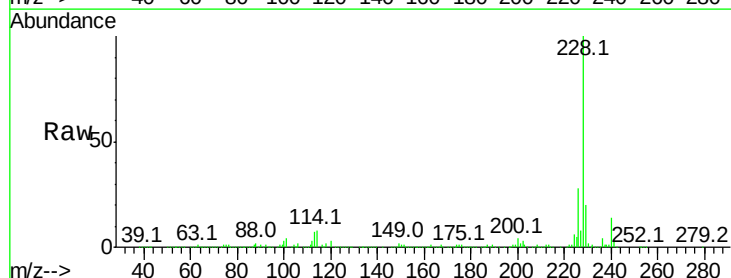
Manual Integrations
APPROVED

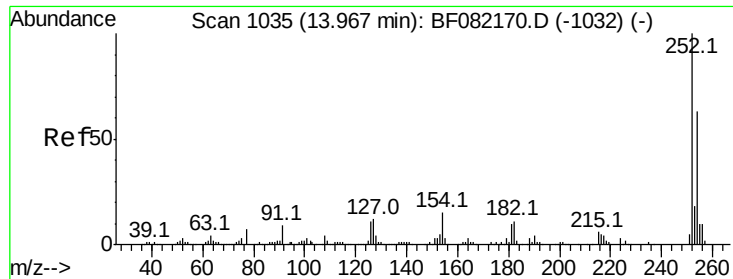
MMdadoda
10/13/2015 1:27:39 PM



#80
Benzo(a)anthracene
Concen: 55.07 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	716823		
226	27.9	22.3	33.5	
229	19.6	16.2	24.2	





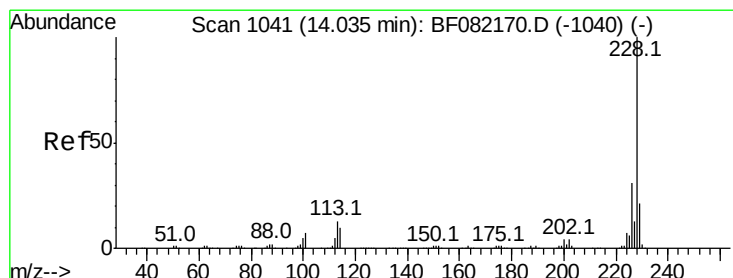
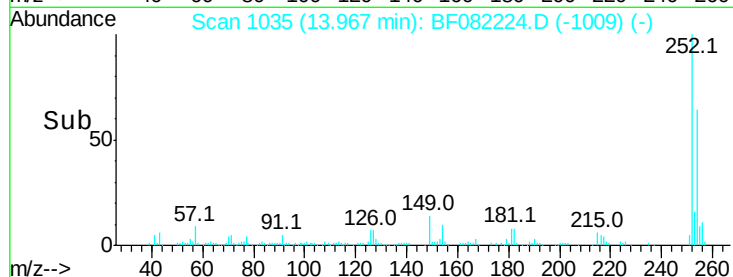
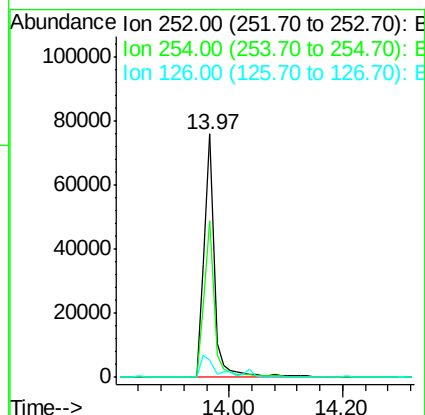
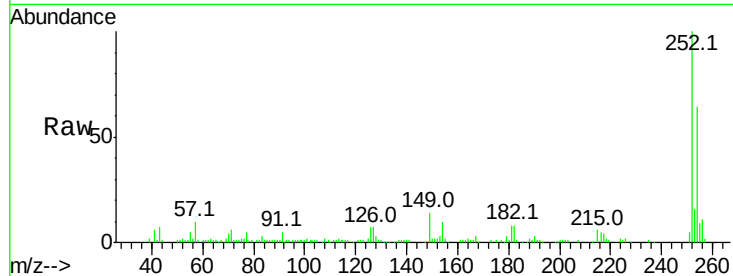
#81
 3,3'-Dichlorobenzidine
 Concen: 19.19 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	7.1	9.0	13.6

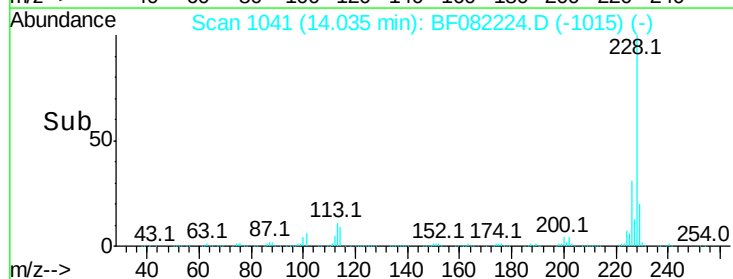
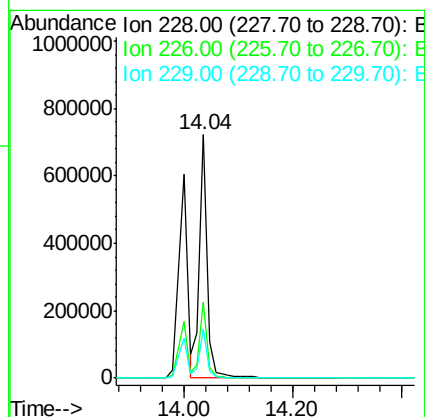
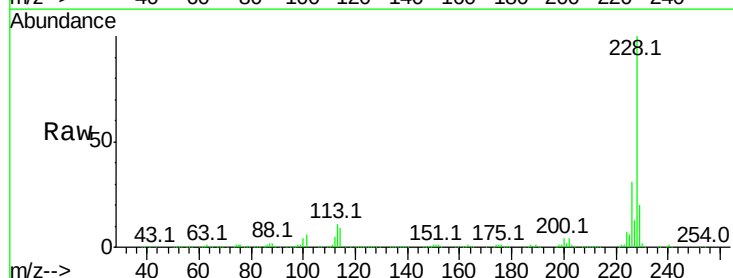
Manual Integrations
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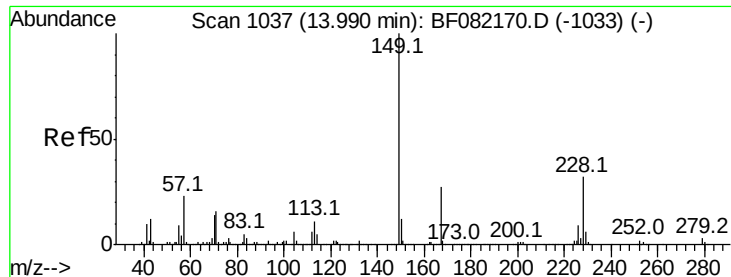
MMdadoda
 10/13/2015 1:27:39 PM



#82
 Chrysene
 Concen: 51.51 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.3	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.41 ng

RT: 13.99 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

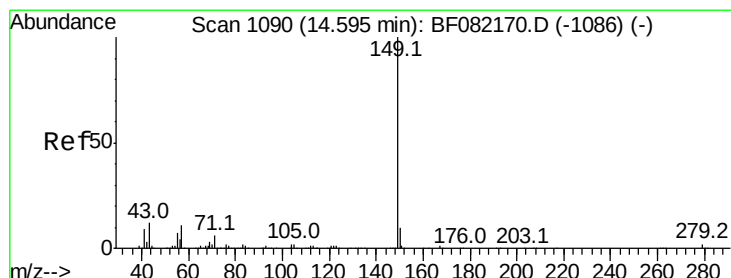
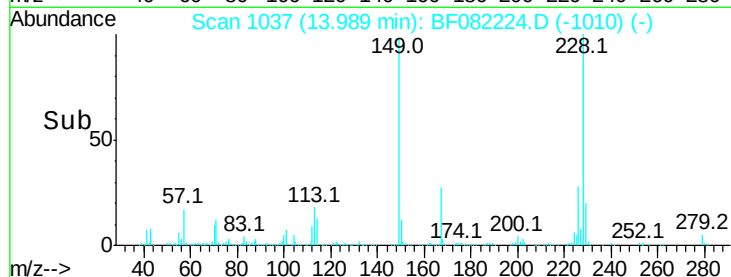
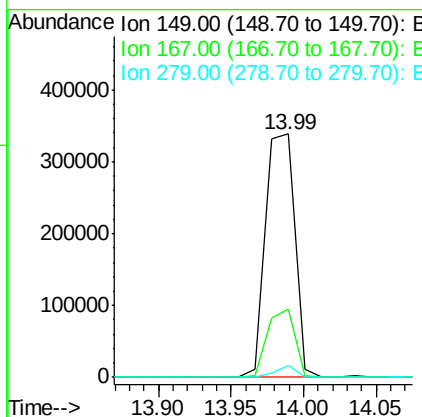
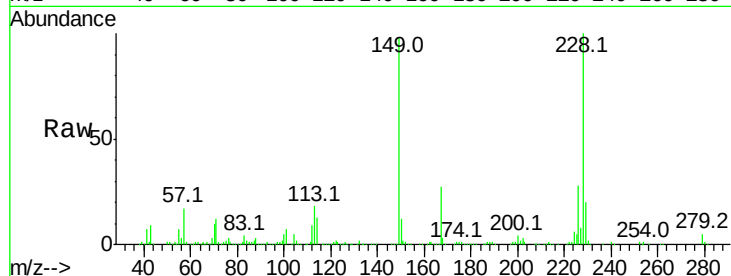
ClientSampleId :

TE-PMW(43)MS

Tot Ion:	149	Resp:	477632
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.3	31.9
279	4.8	2.6	4.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 46.57 ng

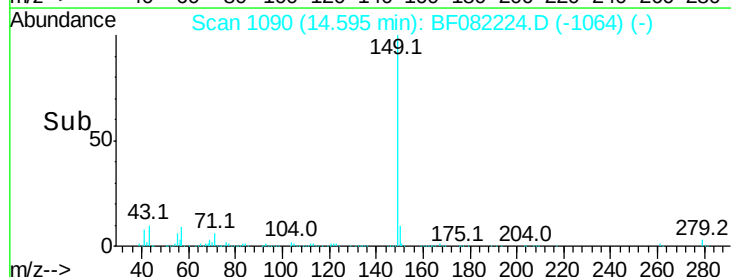
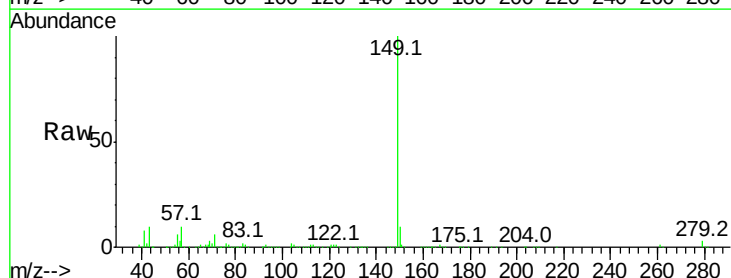
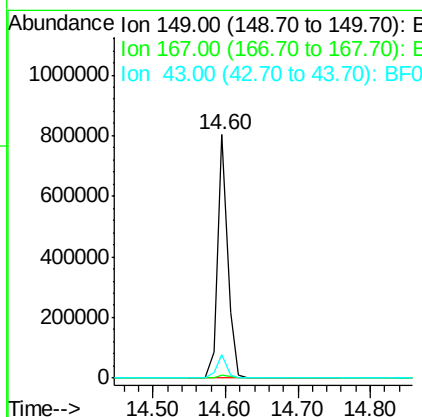
RT: 14.60 min Scan# 1090

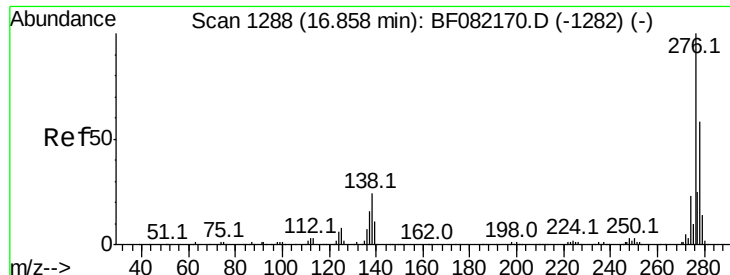
Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	149	Resp:	773002
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.4	7.4	11.2





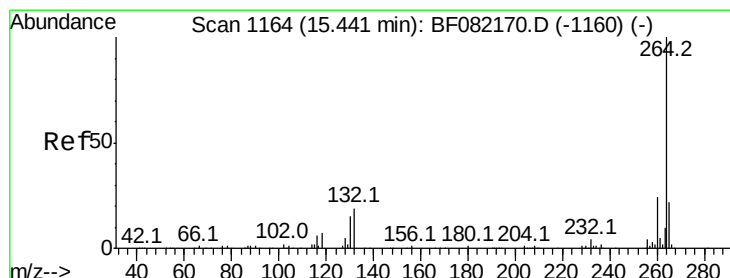
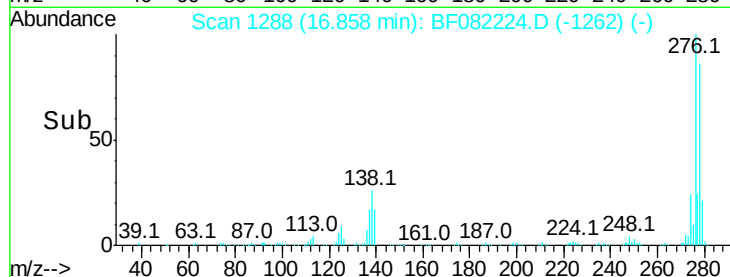
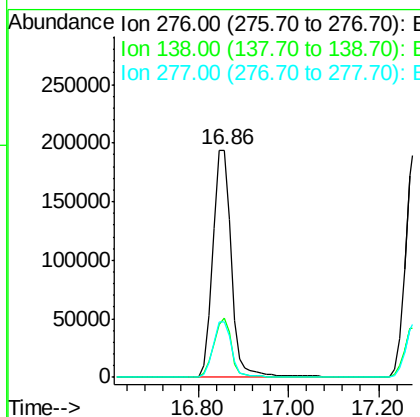
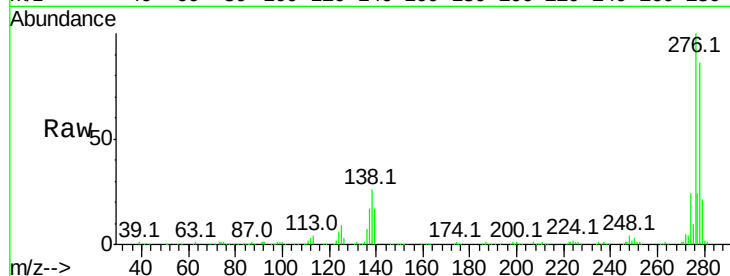
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.70 ng
RT: 16.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.7	29.5
277	24.5	20.1	30.1

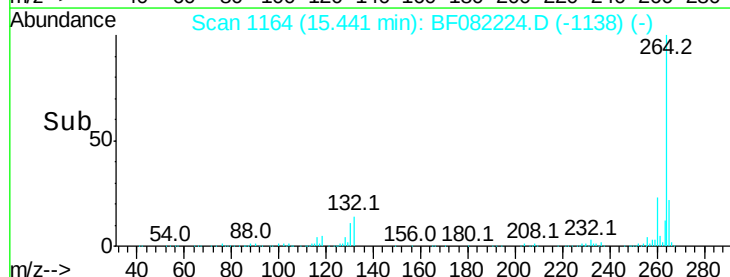
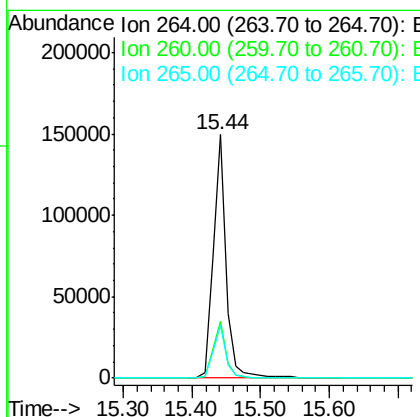
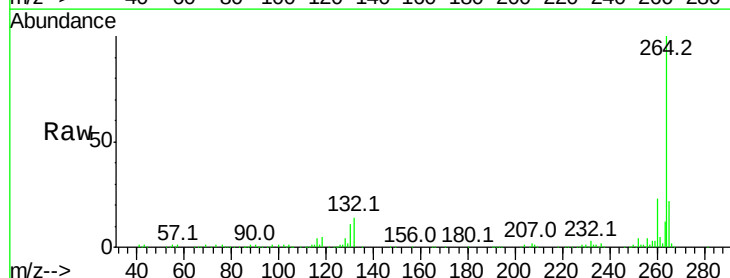
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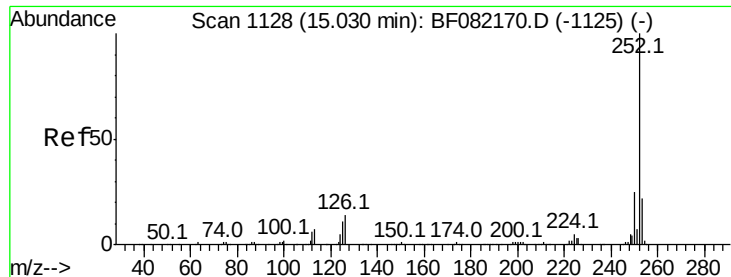
MMdadoda
10/13/2015 1:27:39 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 50.20 ng m

RT: 15.03 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

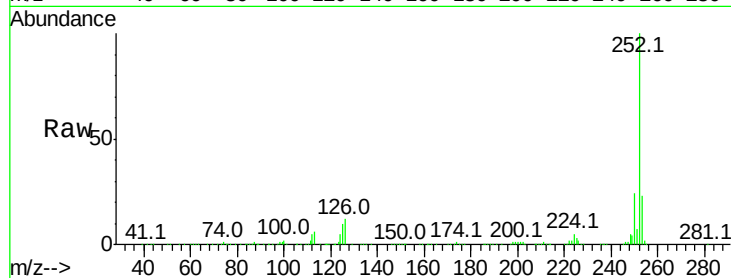
ClientSampleId :

TE-PMW(43)MS

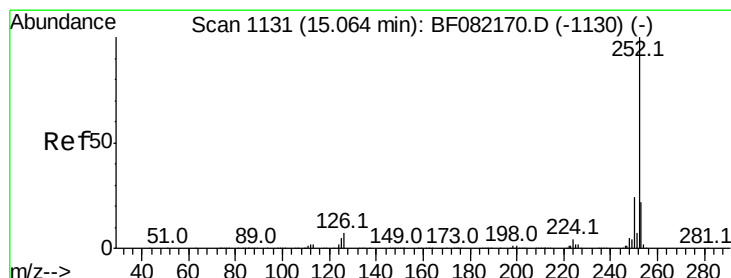
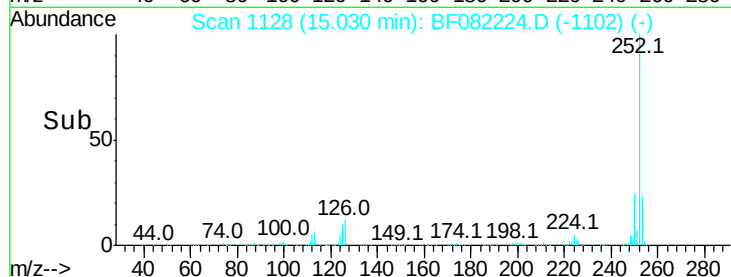
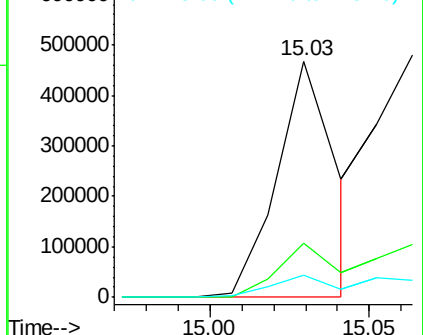
Tot Ion:	252	Resp:	599005
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	9.6	8.6	12.8

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MMdadoda
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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: 63.49 ng m

RT: 15.06 min Scan# 1131

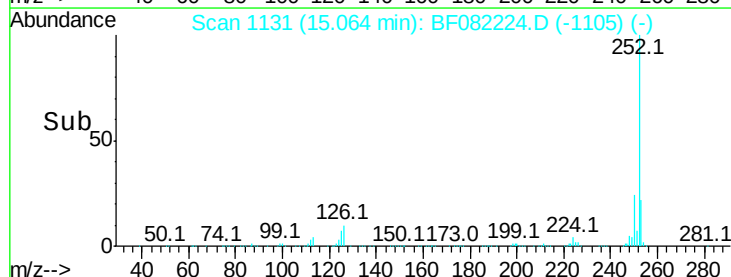
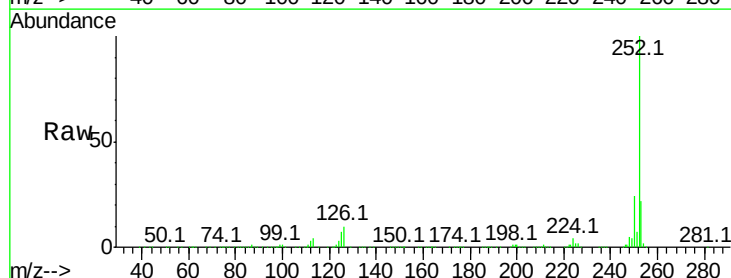
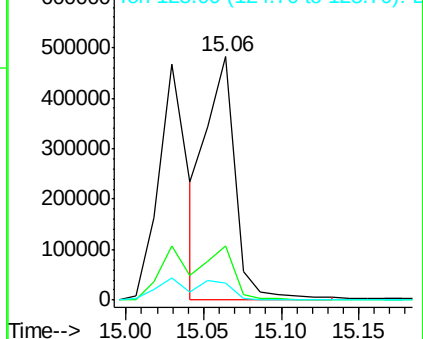
Delta R.T. -0.00 min

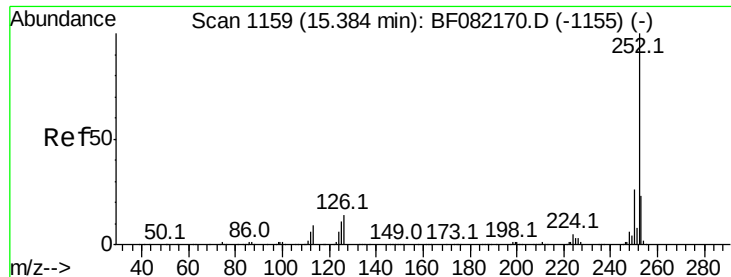
Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:	252	Resp:	636829
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	7.0	6.7	10.1

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





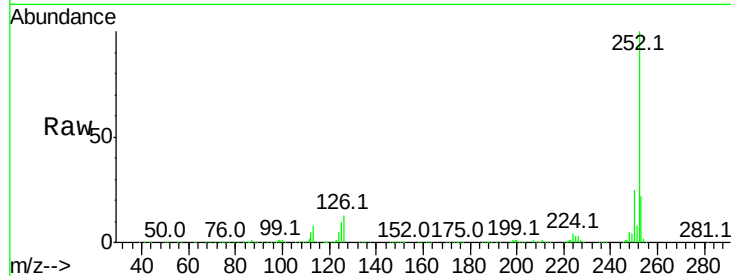
#89
Benzo(a)pyrene
Concen: 55.48 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

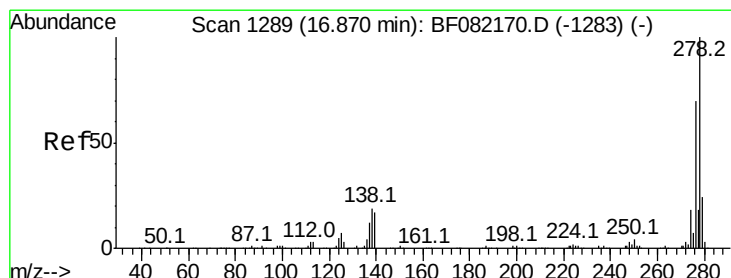
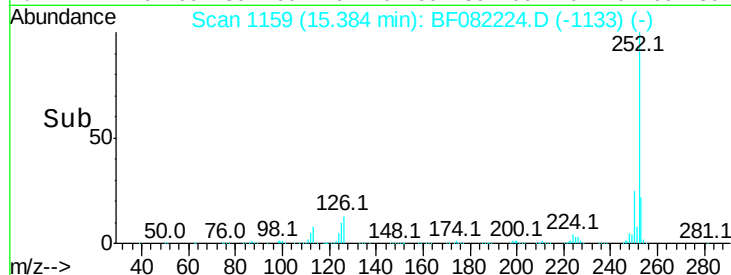
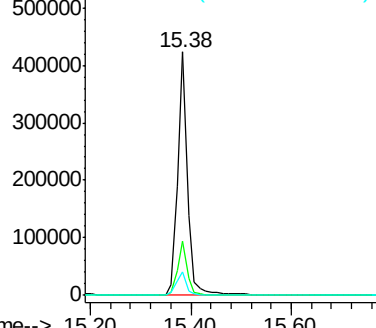
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.9	8.9	13.3

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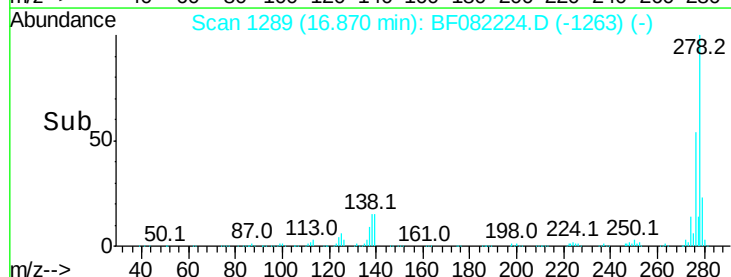
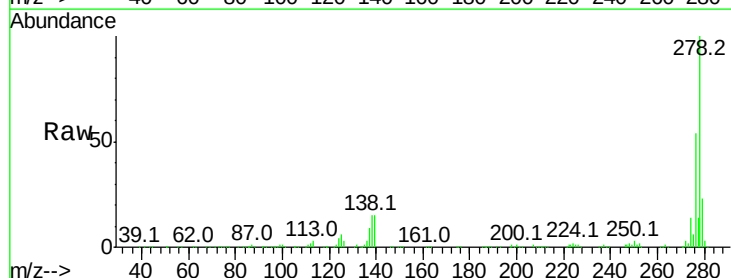
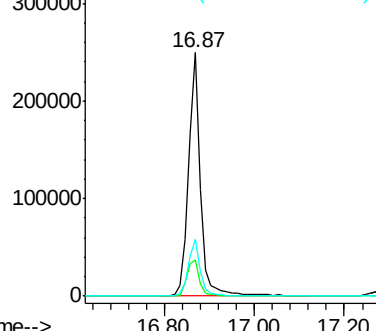
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

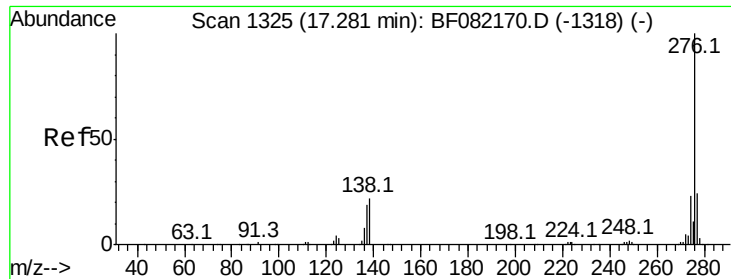


#90
Dibenzo(a,h)anthracene
Concen: 55.36 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.3	19.9
279	23.3	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 57.89 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:	276	Resp:	472680
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	20.8	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:39 PM

