

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082239.D
 Acq On : 13 Oct 2015 2:58
 Operator : UM/IZ
 Sample : G3990-14MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:10 PM

Quant Time: Oct 13 06:42:41 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 06:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62653m	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	249042	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	126187	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	253704	20.00	ng	0.00
75) Chrysene-d12	14.01	240	237716	20.00	ng	0.00
86) Perylene-d12	15.44	264	192638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	208304	67.10	ng	0.00
7) Phenol-d6	6.47	99	176330	43.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	409720	110.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	195678	165.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	788389	103.61	ng	0.00
78) Terphenyl-d14	12.95	244	809776	90.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	28675	18.38	ng	# 95
3) Pyridine	3.15	79	53520	14.75	ng	97
4) n-Nitrosodimethylamine	3.09	42	22946	14.91	ng	# 99
6) Aniline	6.49	93	132638	25.47	ng	96
8) 2-Chlorophenol	6.62	128	159276	42.03	ng	93
9) Benzaldehyde	6.38	77	109354	53.01	ng	96
10) Phenol	6.48	94	73408	15.76	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	198335	50.35	ng	99
12) 1,3-Dichlorobenzene	6.77	146	181602m	41.15	ng	
13) 1,4-Dichlorobenzene	6.85	146	188352m	40.87	ng	
14) 1,2-Dichlorobenzene	7.01	146	187901	42.93	ng	# 91
15) Benzyl Alcohol	6.98	79	93156	33.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	277377	50.57	ng	95
17) 2-Methylphenol	7.10	107	100182	33.43	ng	99
18) Hexachloroethane	7.34	117	60460	38.32	ng	# 89
19) n-Nitroso-di-n-propylamine	7.25	70	138201m	48.71	ng	
20) 3+4-Methylphenols	7.25	107	105407	29.52	ng	# 25
22) Acetophenone	7.25	105	260417	52.86	ng	94
24) Nitrobenzene	7.43	77	191102	47.61	ng	# 79
25) Isophorone	7.66	82	362329	48.41	ng	99
26) 2-Nitrophenol	7.74	139	100880	50.33	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	147297	45.61	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	233575	53.63	ng	99
29) 2,4-Dichlorophenol	7.98	162	157825	48.89	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	163392	43.91	ng	98
31) Naphthalene	8.15	128	510190	47.26	ng	99
32) Benzoic acid	7.86	122	28311	13.06	ng	98
33) 4-Chloroaniline	8.19	127	125990	28.10	ng	97
34) Hexachlorobutadiene	8.25	225	90318	38.96	ng	98
35) Caprolactam	8.57	113	6830	7.29	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	148333	46.99	ng	98
37) 2-Methylnaphthalene	8.83	142	387198	51.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	183166	48.80	ng	97
40) Hexachlorocyclopentadiene	8.98	237	147537	77.92	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	119606	47.98	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	139588	51.69	nq #	93
45) 1,1'-Biphenyl	9.30	154	504106	52.39	nq	96
46) 2-Chloronaphthalene	9.33	162	393284	51.92	nq	96
47) 2-Nitroaniline	9.43	65	120951	58.16	nq #	84
48) Acenaphthylene	9.74	152	583427	49.44	nq	99
49) Dimethylphthalate	9.61	163	469744	52.86	nq #	98
50) 2,6-Dinitrotoluene	9.67	165	95911	51.15	nq #	77
51) Acenaphthene	9.91	154	351291	49.59	nq	98
52) 3-Nitroaniline	9.84	138	62684	29.60	nq	93
53) 2,4-Dinitrophenol	9.95	184	107241	100.57	nq #	86
54) Dibenzofuran	10.08	168	529360	54.43	nq	97
55) 4-Nitrophenol	10.01	139	40187	35.15	nq	96
56) 2,4-Dinitrotoluene	10.08	165	138154	58.95	nq #	89
57) Fluorene	10.42	166	410703	51.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	124095	56.24	nq	92
59) Diethylphthalate	10.31	149	473838	57.21	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	207260	56.64	nq #	83
61) 4-Nitroaniline	10.46	138	103242	50.26	nq	95
62) Azobenzene	10.58	77	448189	55.29	nq	89
64) 4,6-Dinitro-2-methylphenol	10.48	198	71963	50.54	nq #	72
65) n-Nitrosodiphenylamine	10.54	169	286742	37.75	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	131109	51.64	nq #	83
67) Hexachlorobenzene	10.97	284	139967	50.97	nq #	78
68) Atrazine	11.07	200	142352	59.15	nq	97
69) Pentachlorophenol	11.17	266	145756	103.15	nq	97
70) Phenanthrene	11.39	178	691214	55.58	nq	99
71) Anthracene	11.44	178	691422	53.96	nq	99
72) Carbazole	11.60	167	624503	53.42	nq	99
73) Di-n-butylphthalate	11.93	149	759846	52.69	nq #	98
74) Fluoranthene	12.58	202	752517	56.34	nq	96
76) Benzidine	12.71	184	175628	25.49	nq	98
77) Pyrene	12.81	202	761903	54.01	nq	98
79) Butylbenzylphthalate	13.43	149	353833	54.96	nq	89
80) Benzo(a)anthracene	14.00	228	657943	53.20	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	104143	22.18	nq #	98
82) Chrysene	14.04	228	666972	51.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	437833	47.67	nq #	95
84) Di-n-octyl phthalate	14.60	149	738145	46.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	571076	55.13	nq	100
87) Benzo(b)fluoranthene	15.03	252	566216	48.31	nq	99
88) Benzo(k)fluoranthene	15.06	252	592720m	60.17	nq	
89) Benzo(a)pyrene	15.38	252	532945	52.91	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	474299	57.46	nq	98
91) Benzo(g,h,i)perylene	17.28	276	483989	60.36	nq	99

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

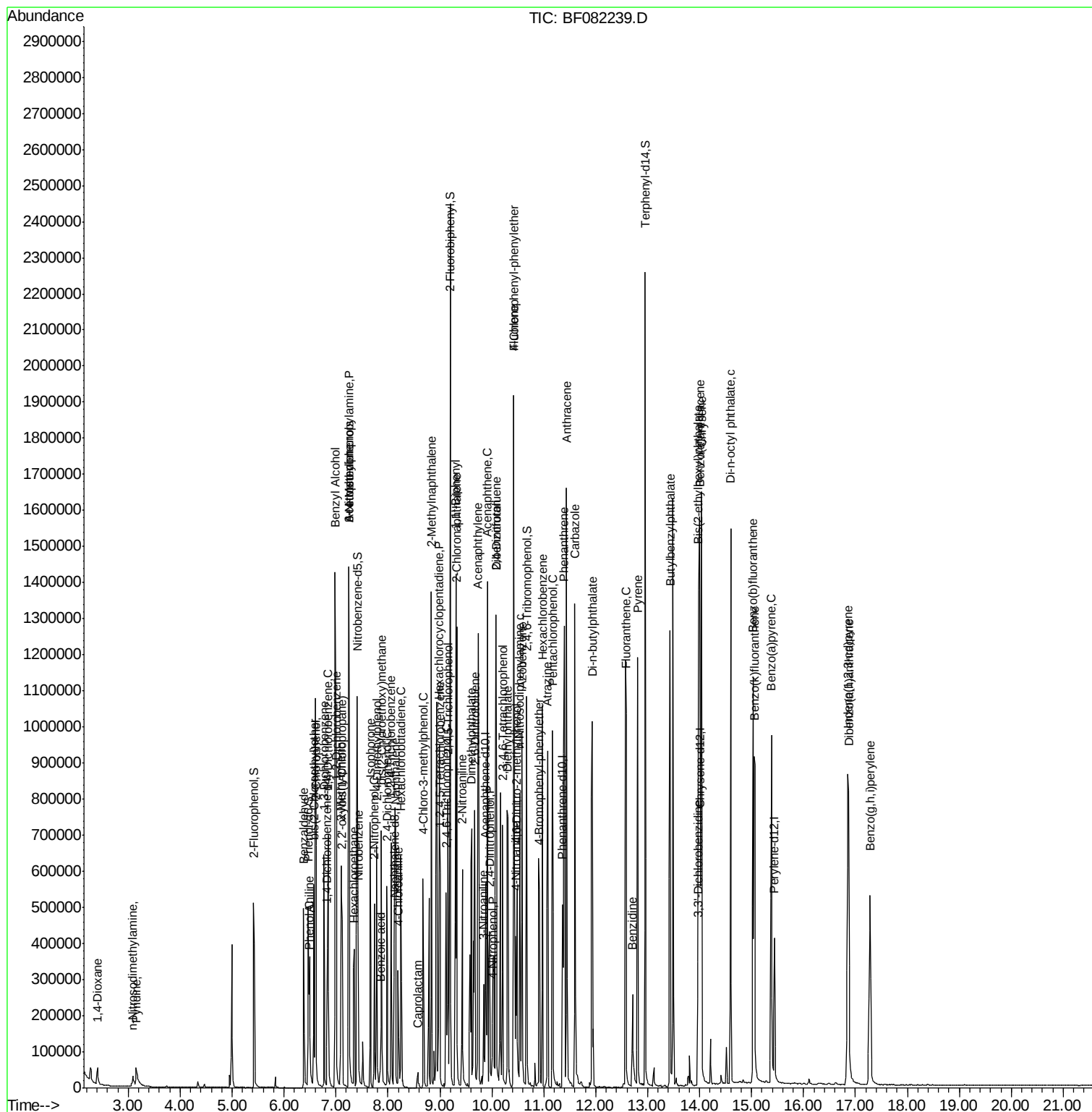
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
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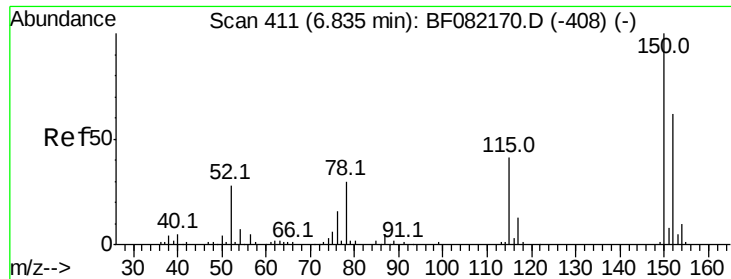
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

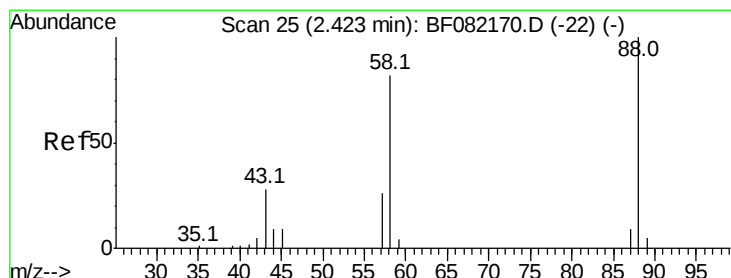
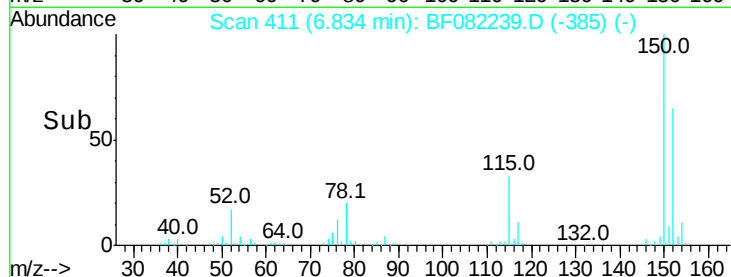
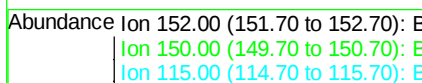
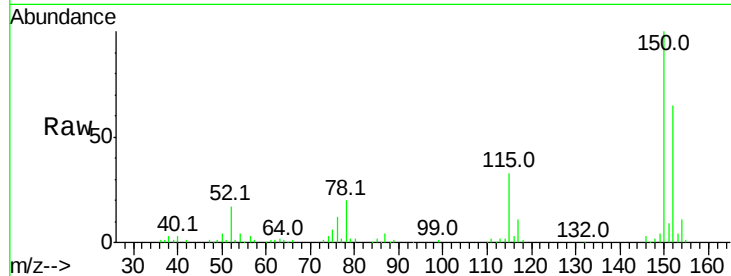
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	152	Resp:	62653
Ion Ratio	Lower	Upper	
152	100		
150	155.0	129.0	193.4
115	51.9	52.1	78.1#

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#2

1,4-Dioxane

Concen: 18.38 ng

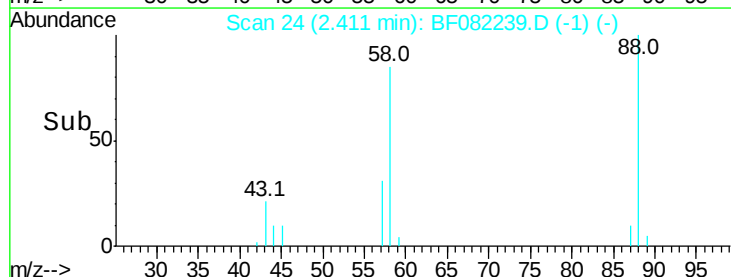
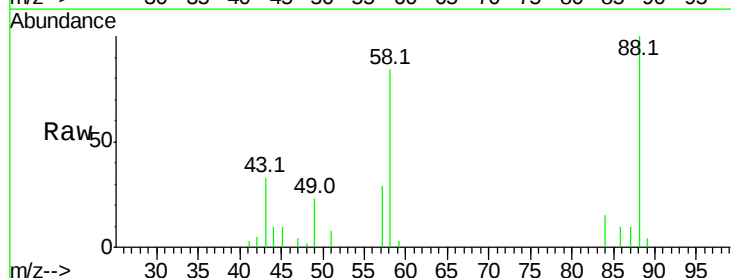
RT: 2.41 min Scan# 24

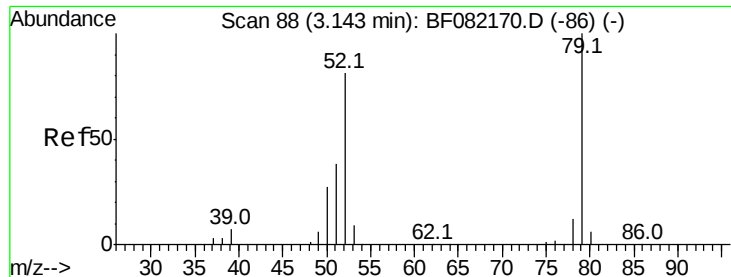
Delta R.T. 0.05 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	88	Resp:	28675
Ion Ratio	Lower	Upper	
88	100		
58	85.9	66.2	99.4
43	34.5	23.0	34.4#





#3

Pvridine

Concen: 14.75 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

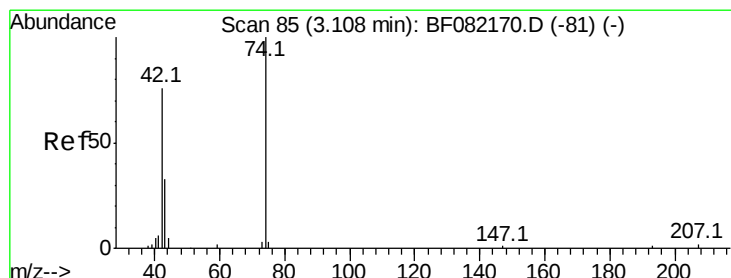
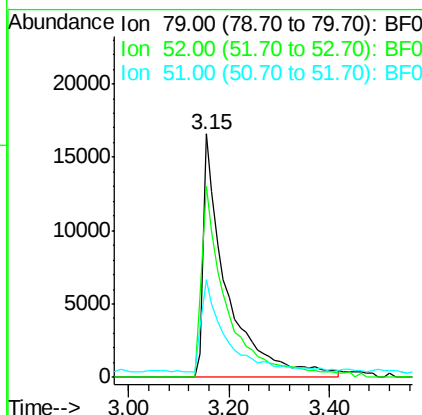
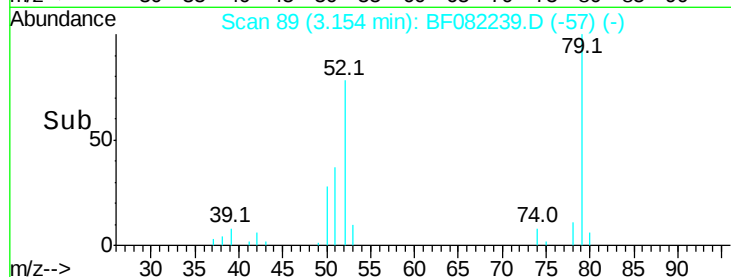
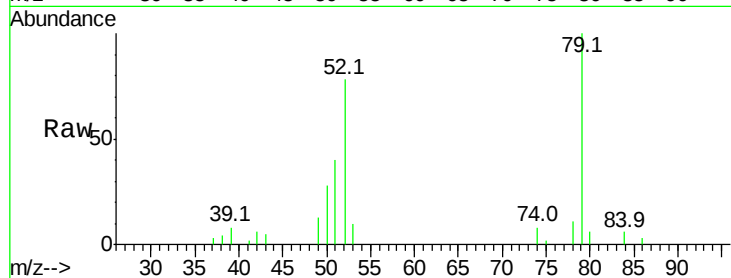
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	79	Resp:	53520
Ion Ratio	Lower	Upper	
79	100		
52	78.5	64.4	96.6
51	40.0	30.5	45.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 14.91 ng

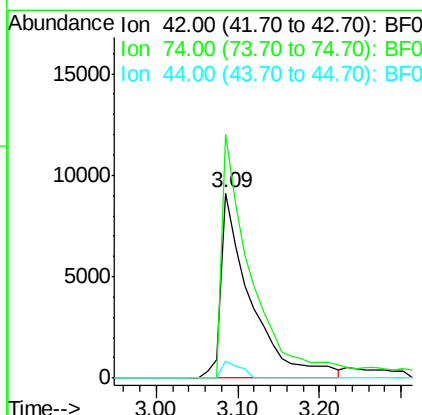
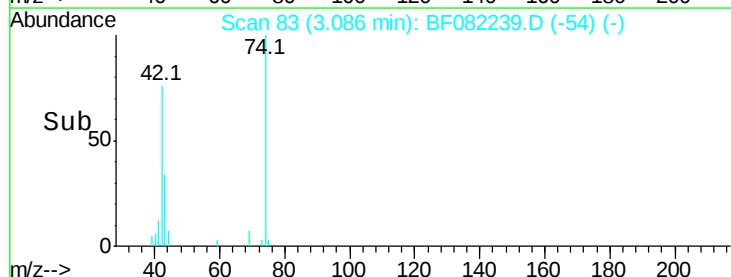
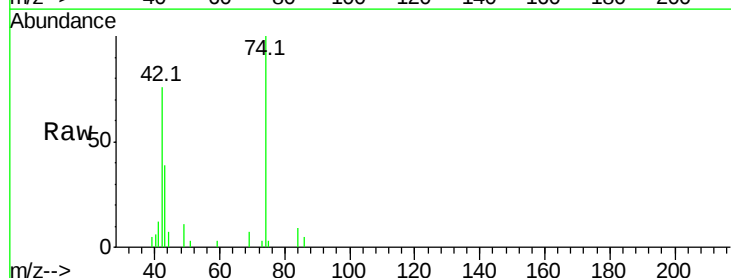
RT: 3.09 min Scan# 83

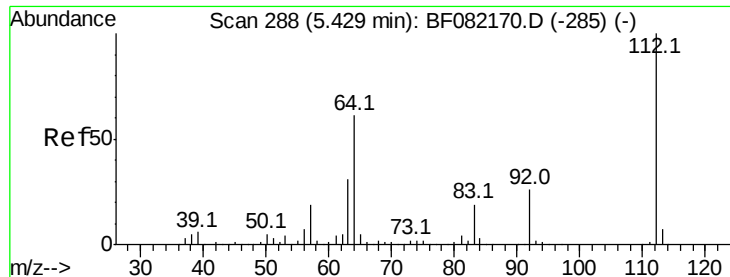
Delta R.T. 0.03 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	42	Resp:	22946
Ion Ratio	Lower	Upper	
42	100		
74	131.8	105.7	158.5
44	9.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 67.10 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

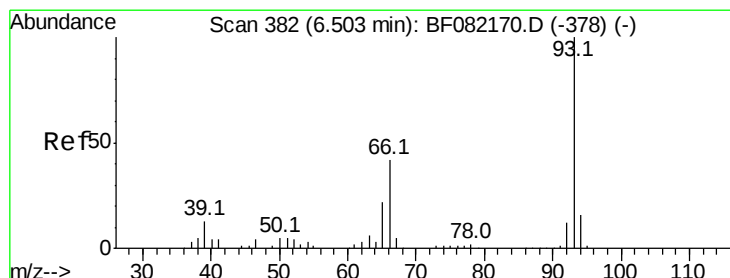
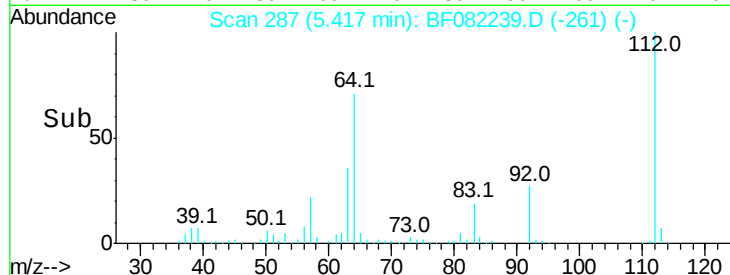
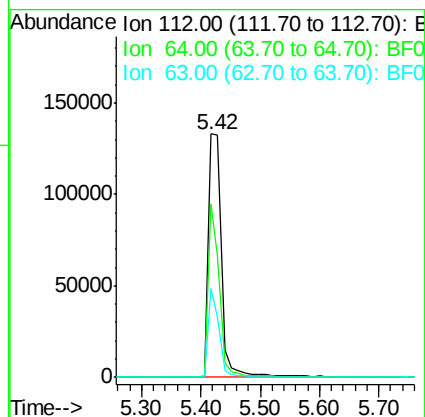
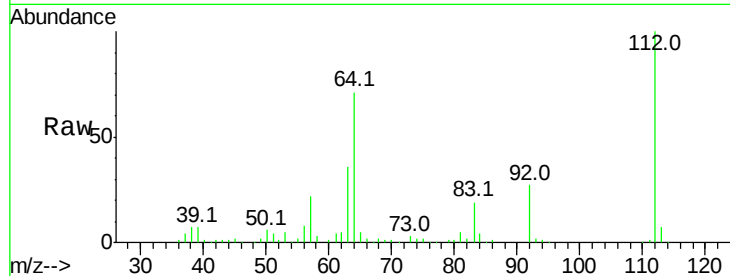
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Tot Ion:	112	Resp:	208304
Ion Ratio	Lower	Upper	
112	100		
64	71.0	48.6	73.0
63	36.4	25.1	37.7

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#6

Aniline

Concen: 25.47 ng

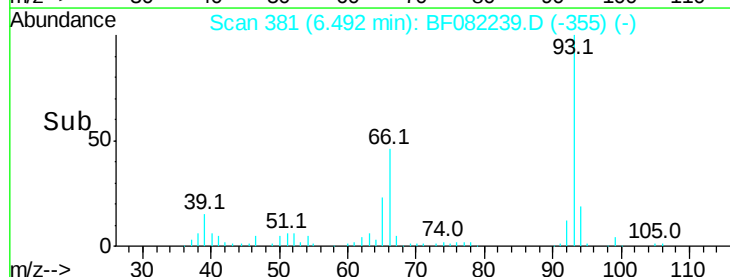
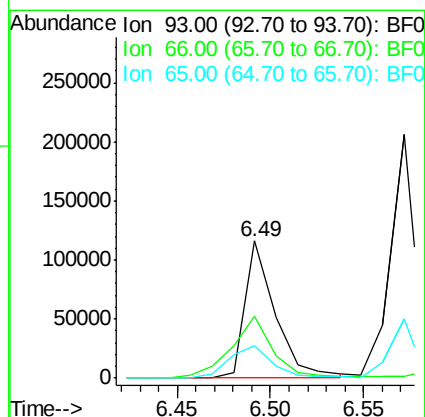
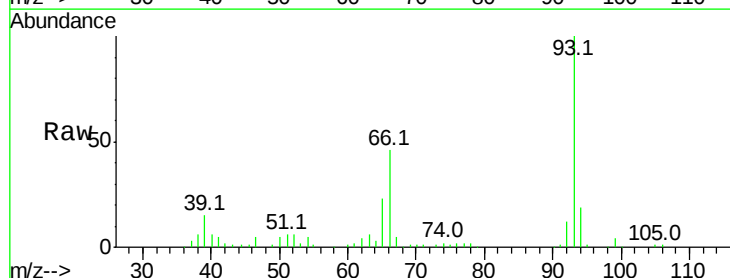
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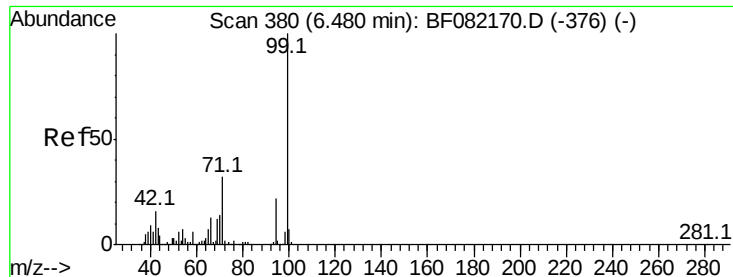
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	93	Resp:	132638
Ion Ratio	Lower	Upper	
93	100		
66	45.5	34.2	51.2
65	23.4	17.9	26.9





#7

Phenol-d6

Concen: 43.65 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

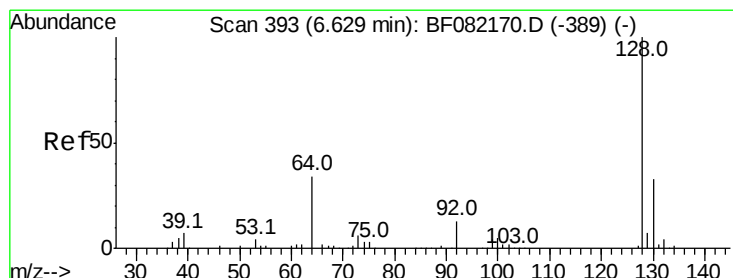
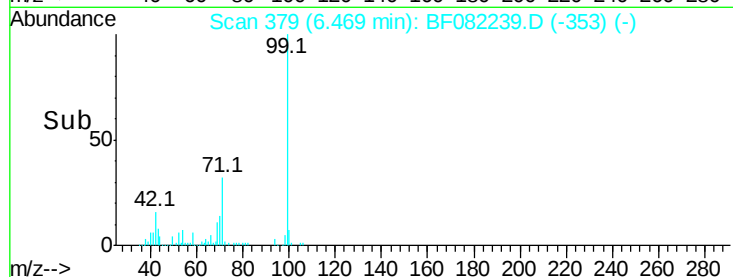
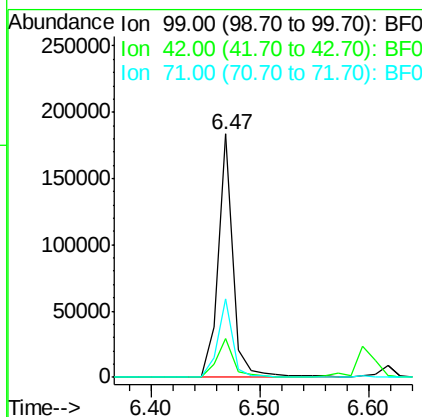
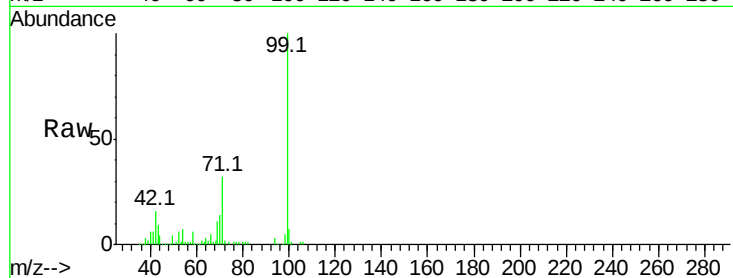
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Tot Ion:	99	Resp:	176330
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.2	19.8
71	32.0	25.6	38.4

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#8

2-Chlorophenol

Concen: 42.03 ng

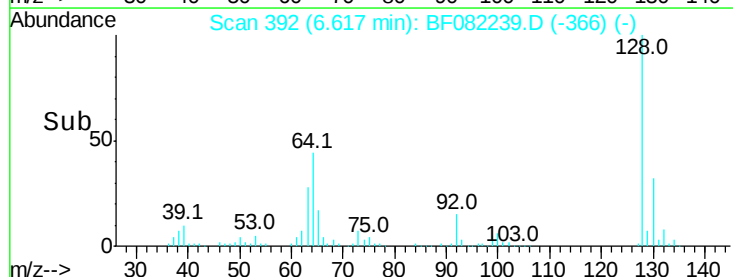
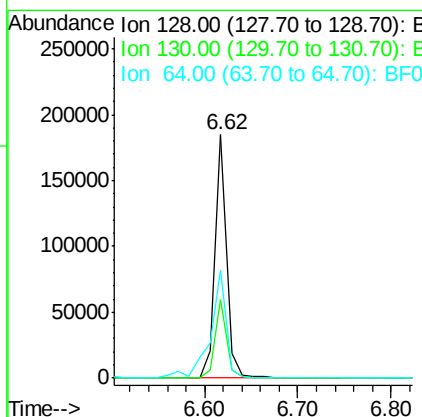
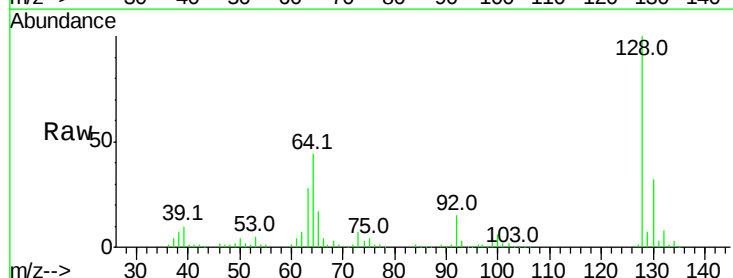
RT: 6.62 min Scan# 392

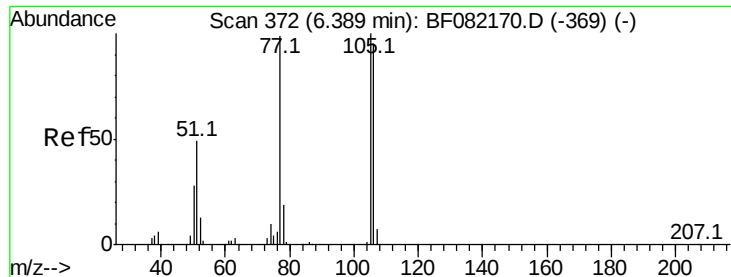
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	128	Resp:	159276
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	44.3	16.7	56.7





#9

Benzaldehyde

Concen: 53.01 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

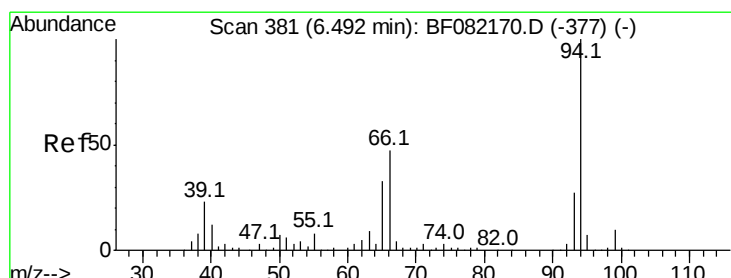
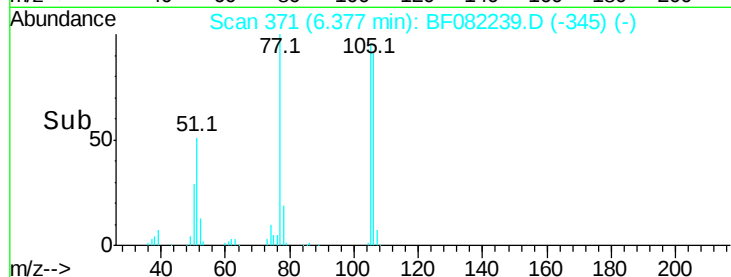
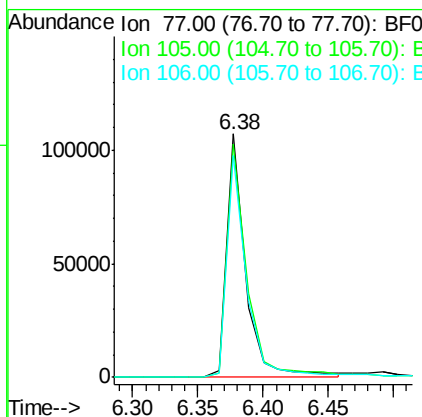
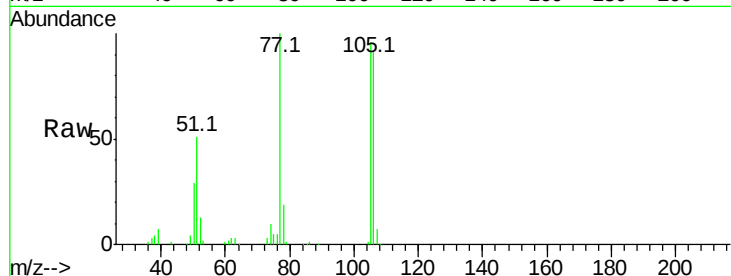
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Tot Ion	Ratio	Lower	Upper
77	100		
105	95.9	80.6	120.6
106	91.4	75.5	115.5



#10

Phenol

Concen: 15.76 ng

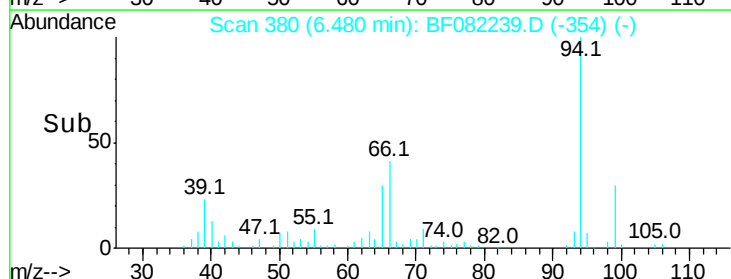
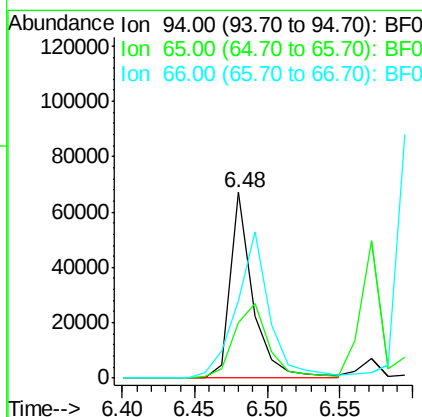
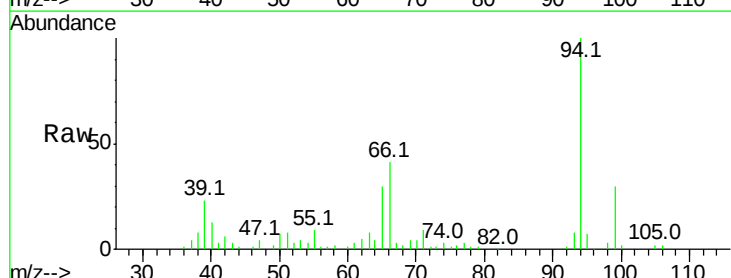
RT: 6.48 min Scan# 380

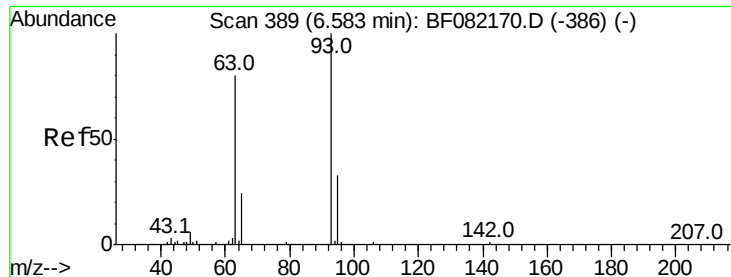
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	12.6	52.6
66	41.5	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 50.35 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

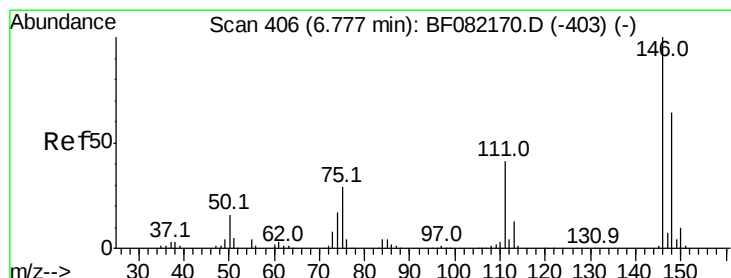
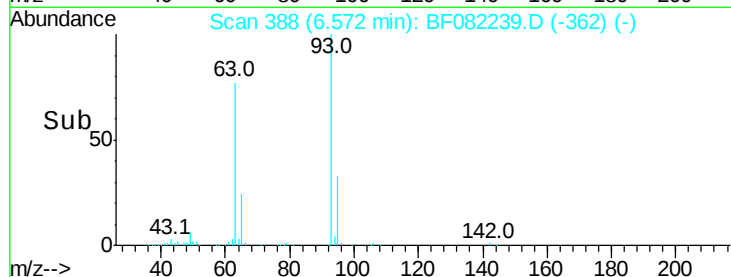
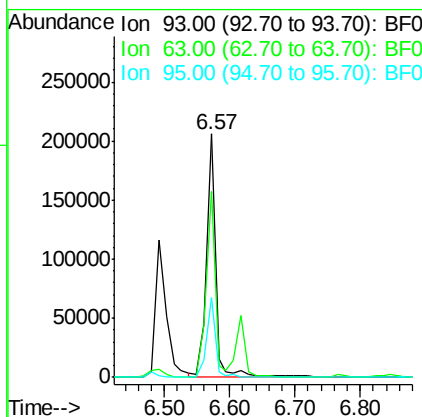
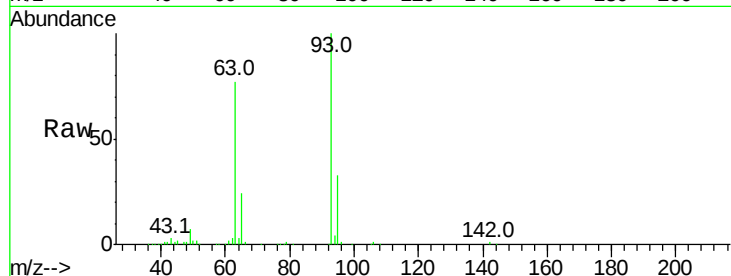
ClientSampleId :

TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	198335		
63	76.5	57.1	97.1	
95	32.5	11.9	51.9	

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#12

1,3-Dichlorobenzene

Concen: 41.15 ng m

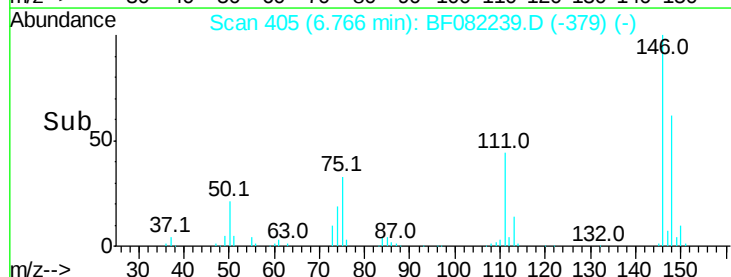
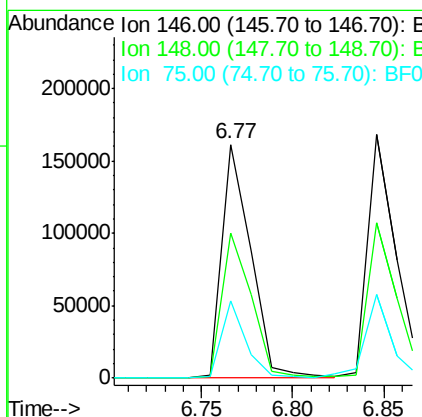
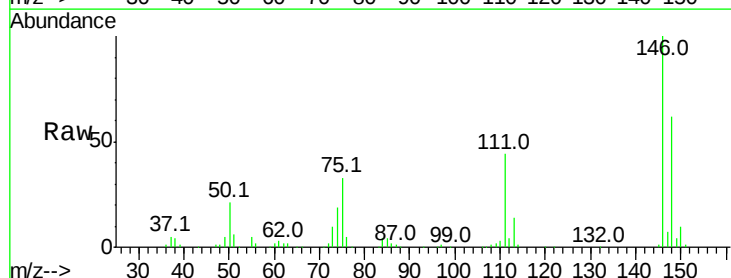
RT: 6.77 min Scan# 405

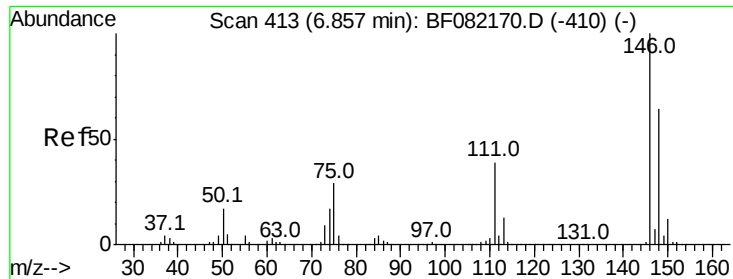
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181602		
148	62.1	51.4	77.2	
75	33.1	23.0	34.6	





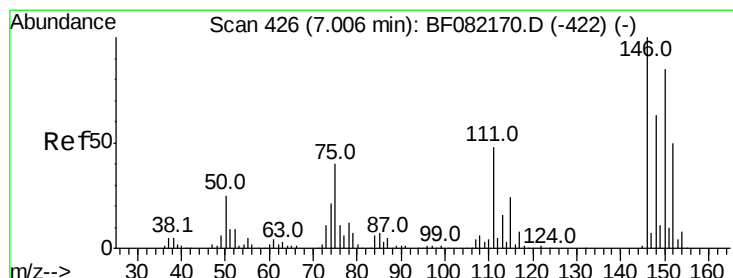
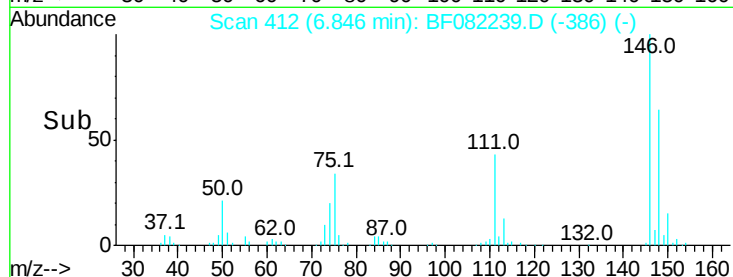
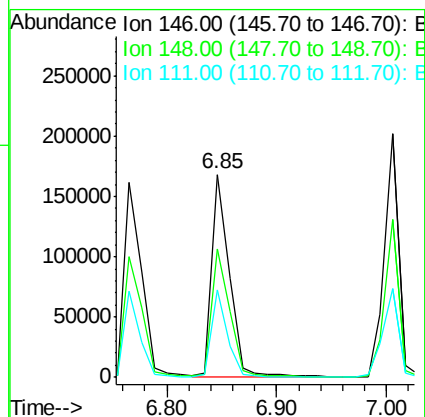
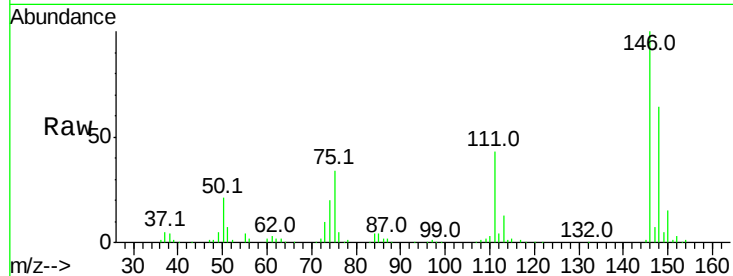
#13
1,4-Dichlorobenzene
Concen: 40.87 ng/ml
RT: 6.85 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.9	31.1	46.7

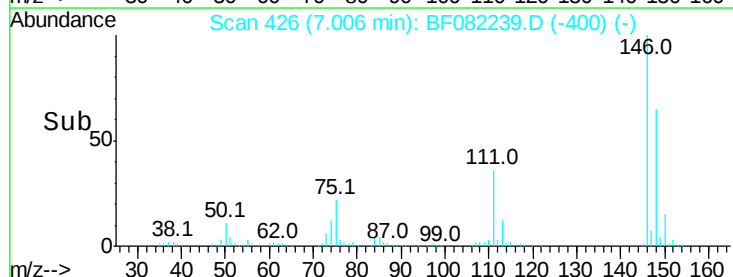
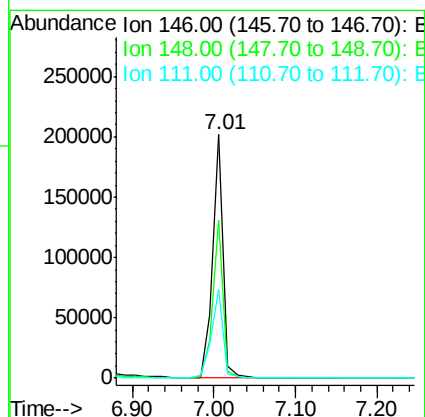
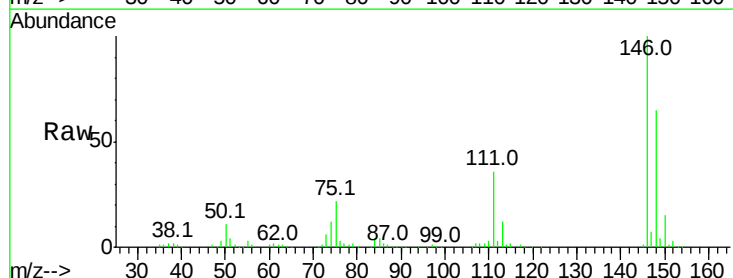
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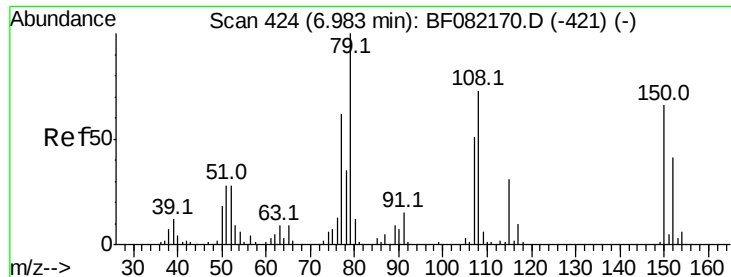
MMdadoda
10/13/2015 1:25:10 PM



#14
1,2-Dichlorobenzene
Concen: 42.93 ng/ml
RT: 7.01 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
111	36.4	38.5	57.7#





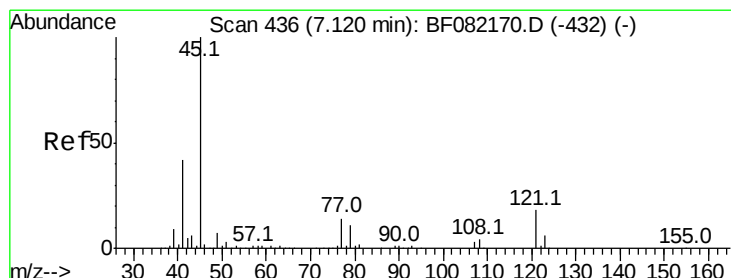
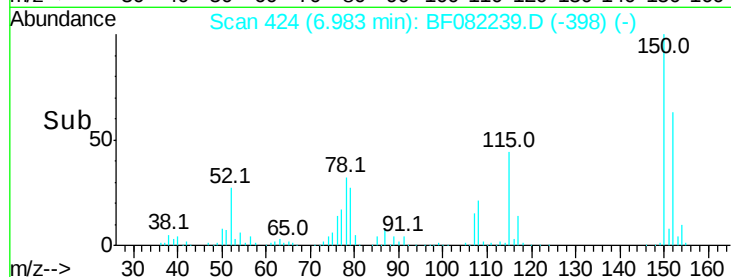
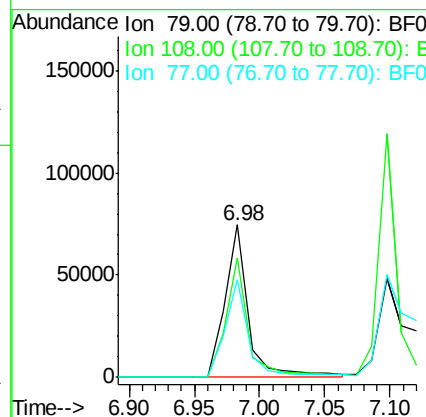
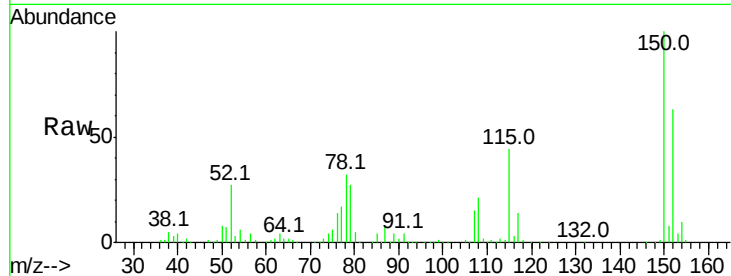
#15
Benzyl Alcohol
Concen: 33.40 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	58.4	87.6
77	64.2	49.8	74.6

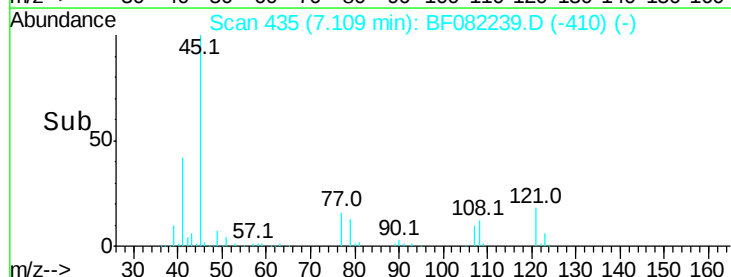
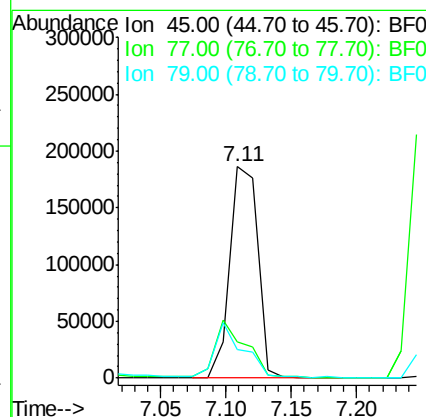
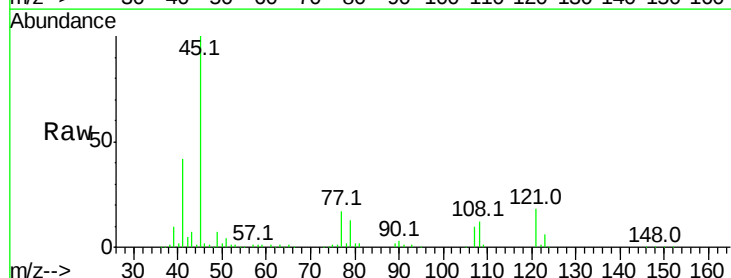
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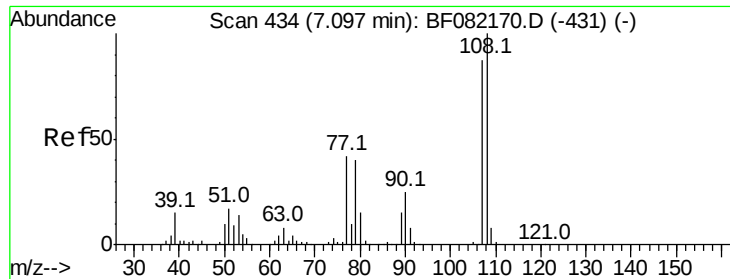
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.57 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	34.5
79	13.4	0.0	31.6





#17

2-Methylphenol

Concen: 33.43 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082239.D

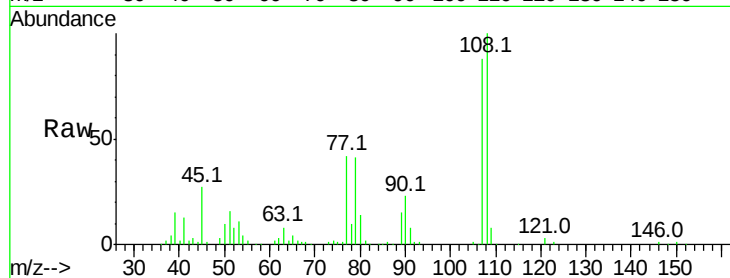
Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD



Tot Ion:107 Resp: 100182

Ion Ratio Lower Upper

107 100

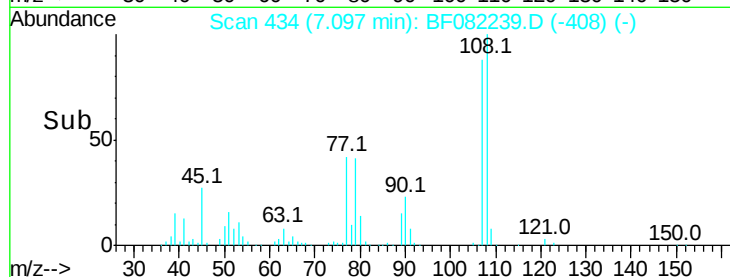
108 113.9 92.2 138.2

77 48.4 39.6 59.4

79 46.5 38.2 57.4

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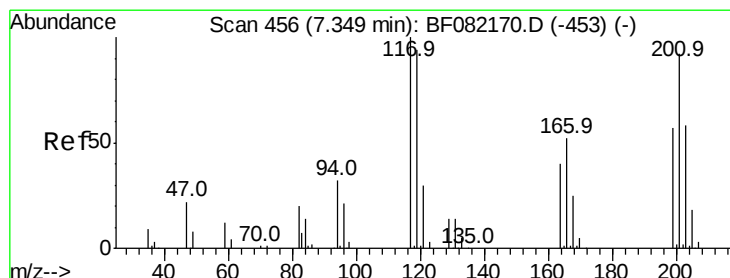
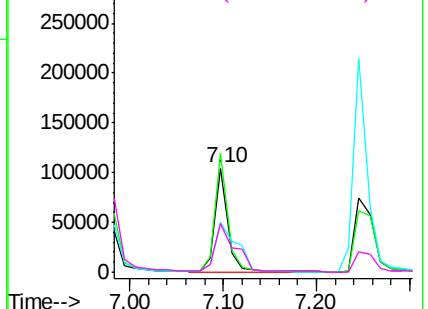


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.32 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

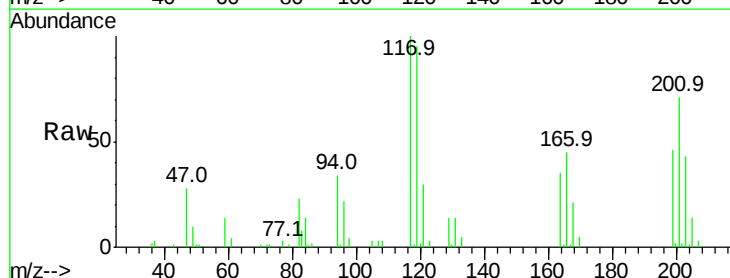
Tgt Ion:117 Resp: 60460

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.2

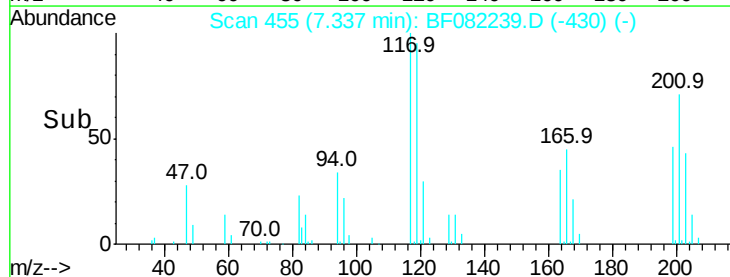
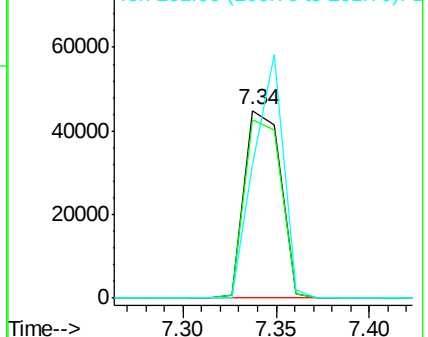
201 71.2 73.4 110.0#

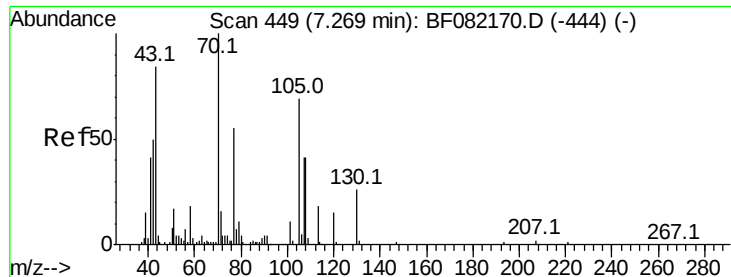


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





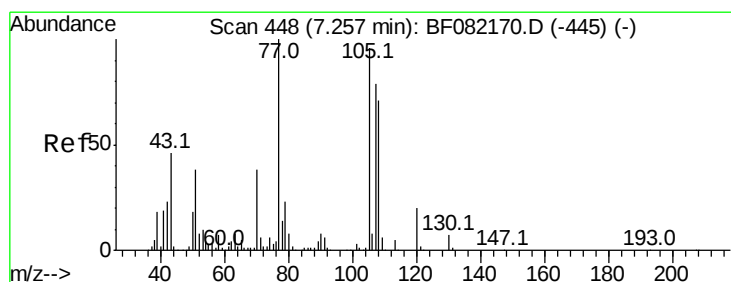
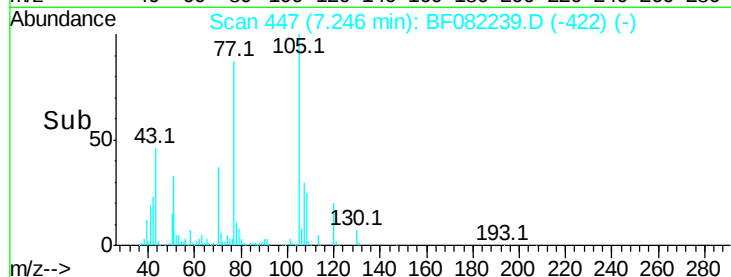
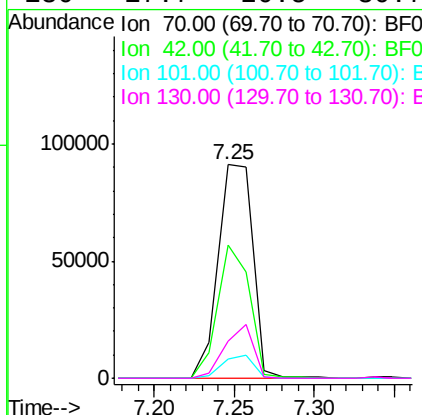
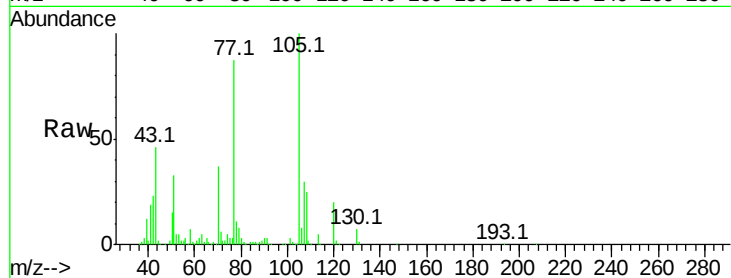
#19
n-Nitroso-di-n-propylamine
Concen: 48.71 ng/ml
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	39.8	59.8#
101	8.8	8.6	13.0
130	17.7	20.5	30.7#

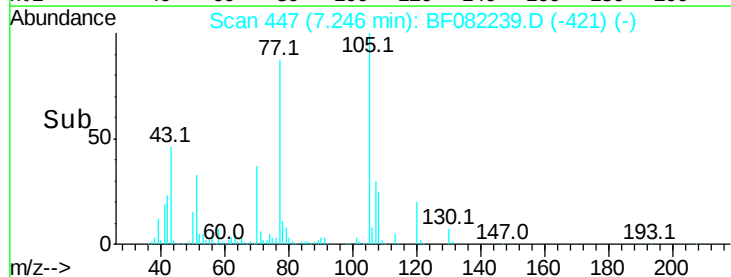
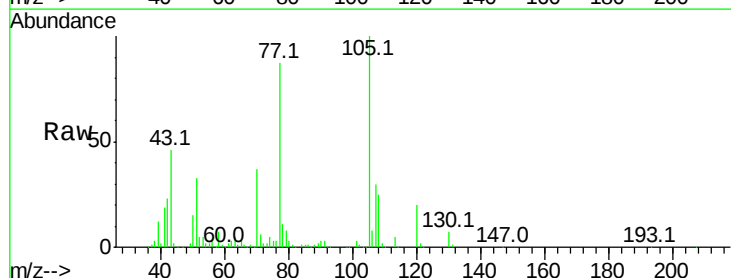
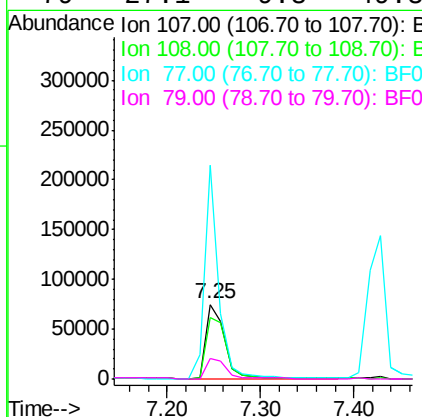
Manual Integrations
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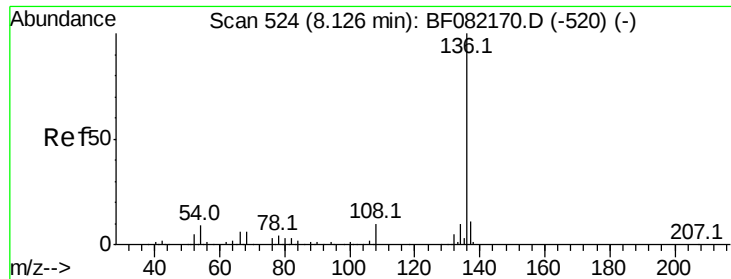
MMdadoda
10/13/2015 1:25:10 PM



#20
3+4-Methylphenols
Concen: 29.52 ng/ml
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.4	69.9	109.9
77	287.0	106.0	146.0#
79	27.1	9.8	49.8





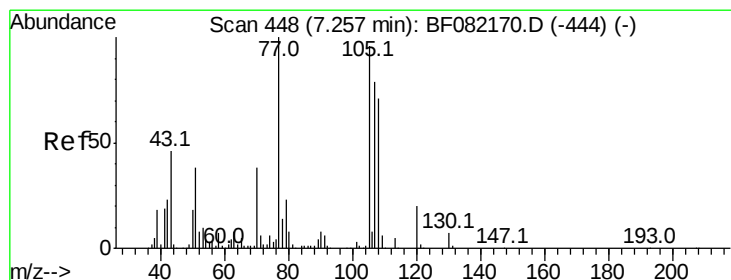
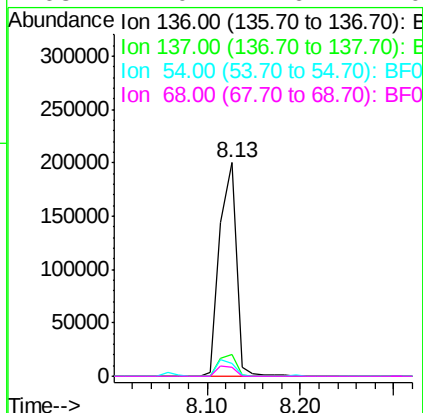
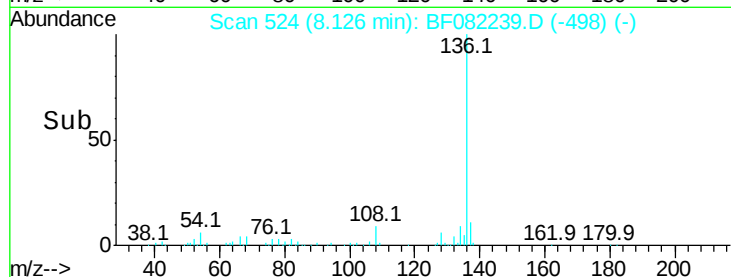
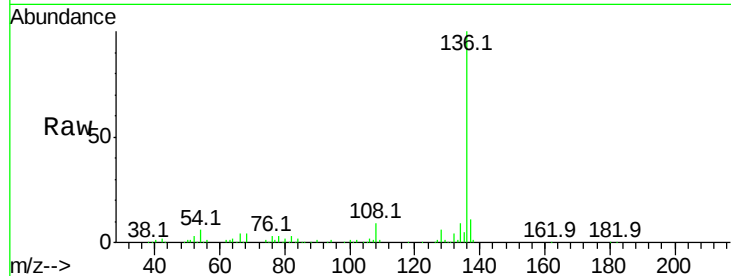
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		249042		
137	10.5	9.0	13.6		
54	6.2	7.5	11.3		
68	4.0	4.6	7.0		

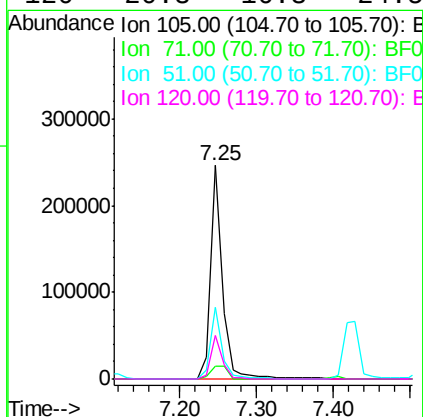
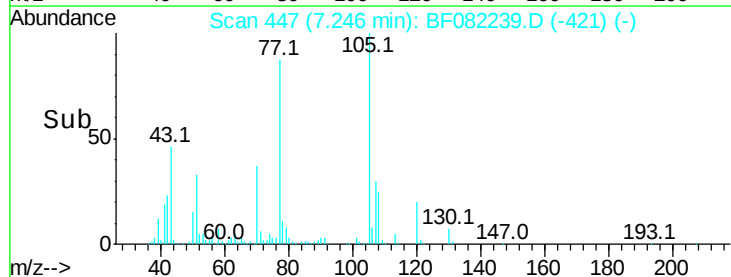
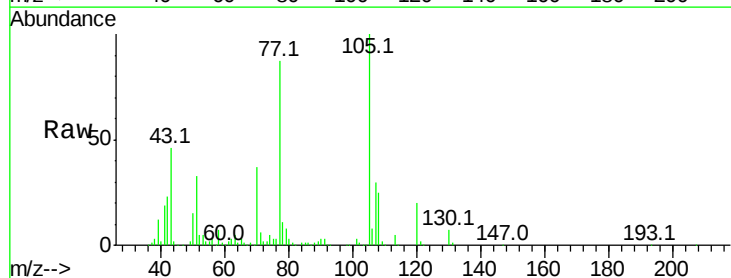
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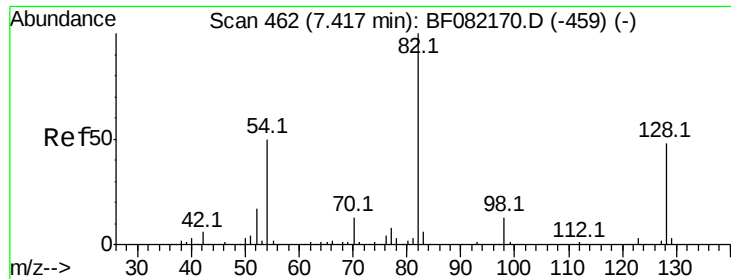
MMdadoda
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#22
Acetophenone
Concen: 52.86 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		260417		
71	6.0	5.4	8.0		
51	33.4	31.8	47.6		
120	20.3	16.3	24.5		





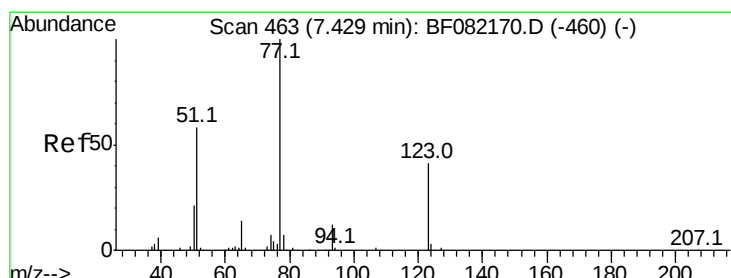
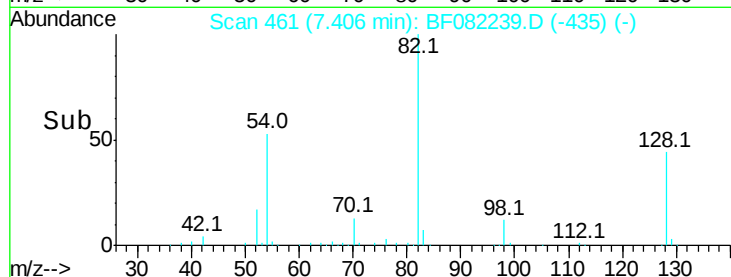
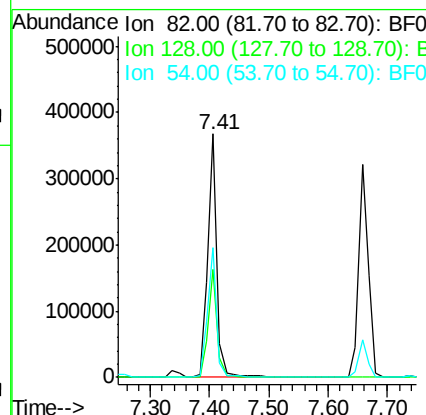
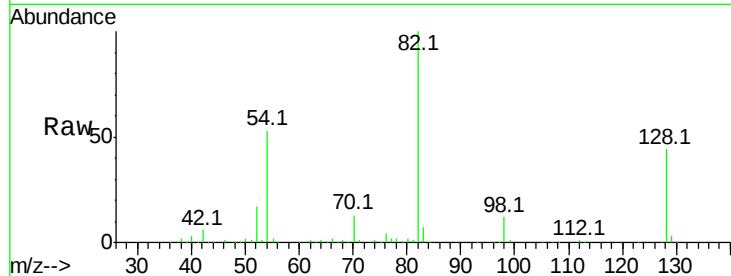
#23
 Nitrobenzene-d5
 Concen: 110.48 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	38.7	58.1
54	53.5	40.1	60.1

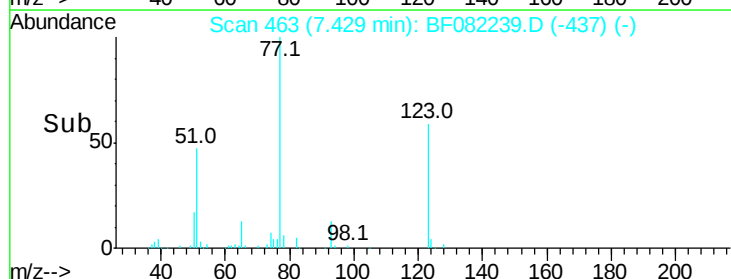
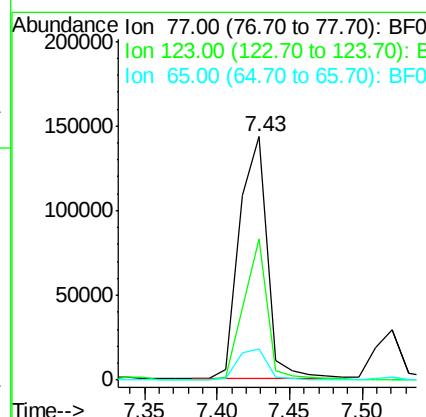
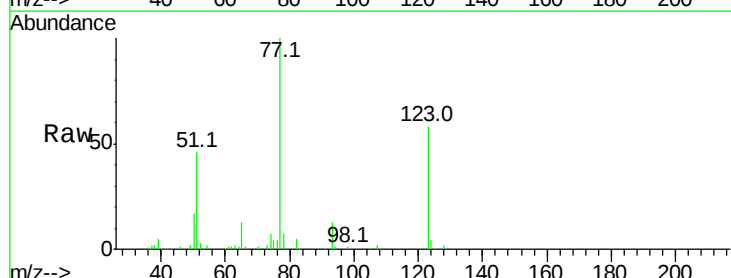
Manual Integrations
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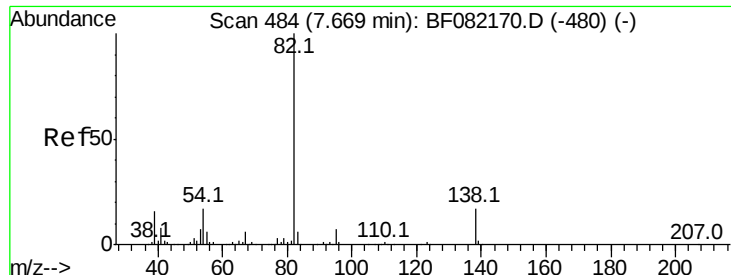
MMdadoda
 10/13/2015 1:25:10 PM



#24
 Nitrobenzene
 Concen: 47.61 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.1	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 48.41 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

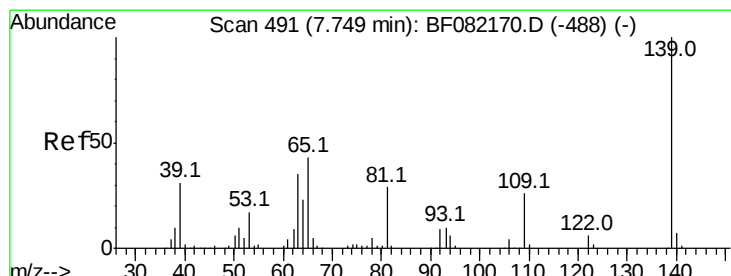
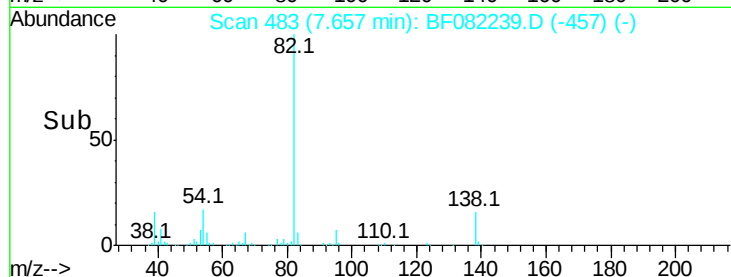
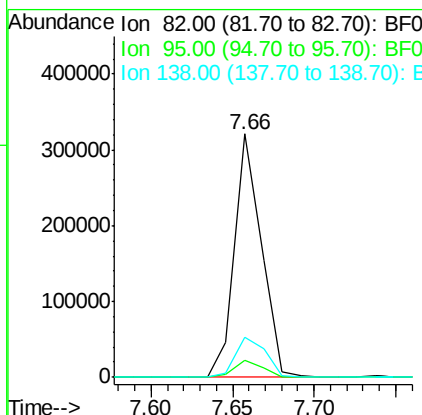
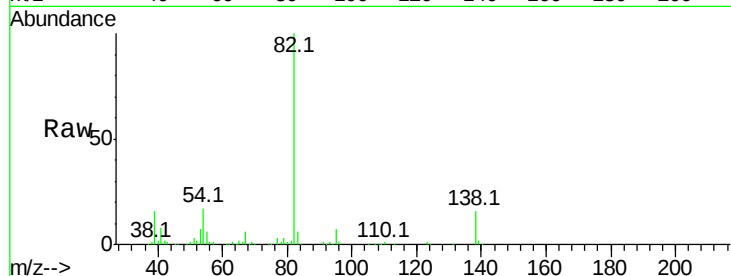
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	82	Resp:	362329
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	16.5	13.6	20.4

Manual Integrations
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MMdadoda
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#26

2-Nitrophenol

Concen: 50.33 ng

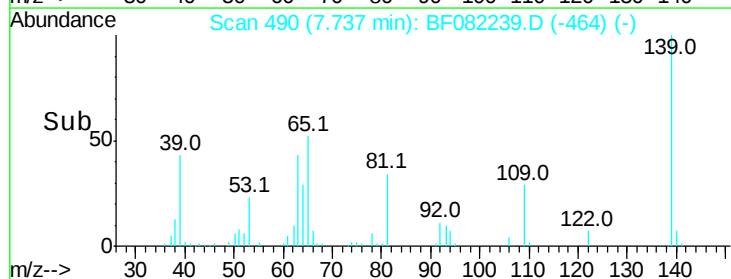
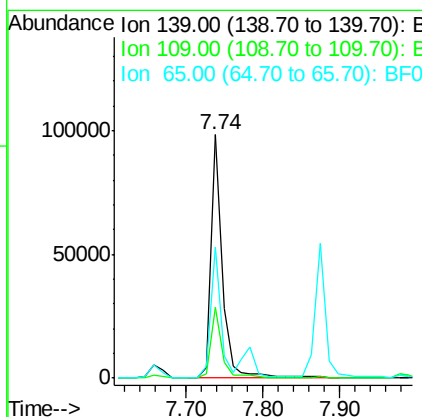
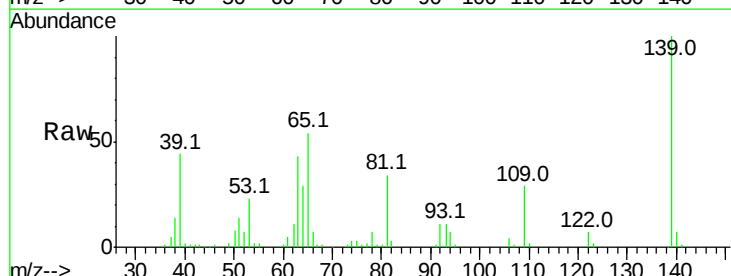
RT: 7.74 min Scan# 490

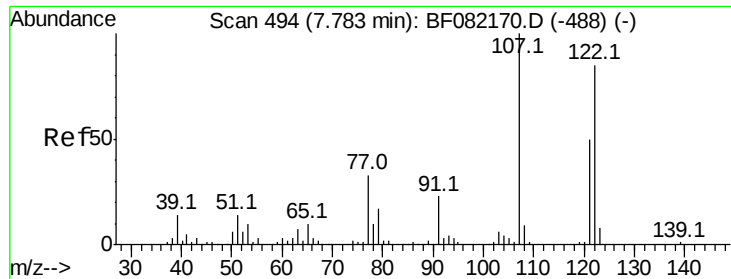
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	139	Resp:	100880
Ion Ratio	Lower	Upper	
139	100		
109	28.9	20.6	31.0
65	53.7	34.3	51.5#





#27

2,4-Dimethylphenol

Concen: 45.61 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

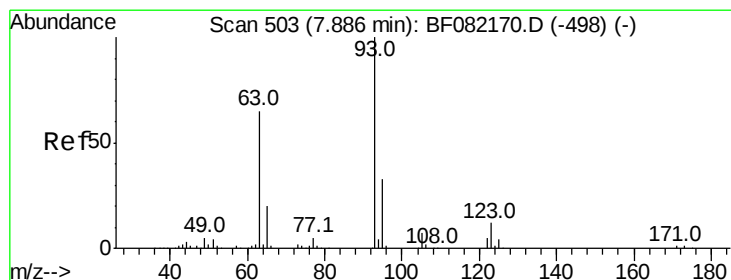
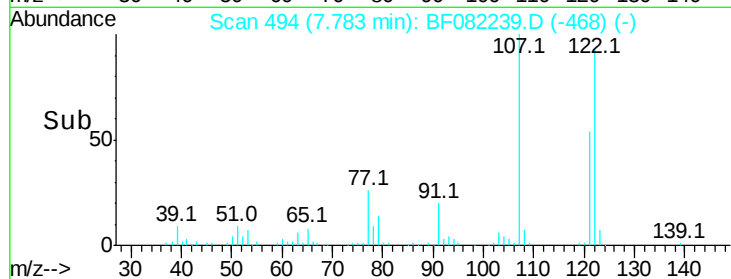
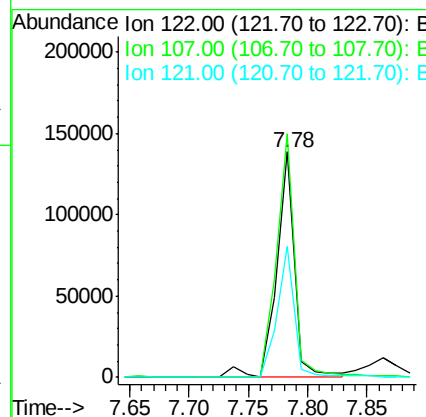
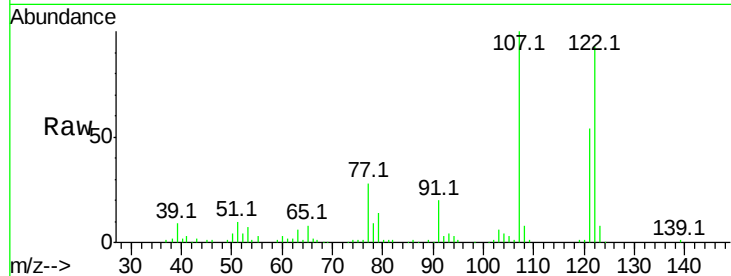
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	122	Resp:	147297
Ion Ratio	Lower	Upper	
122	100		
107	108.1	94.0	141.0
121	58.2	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 53.63 ng

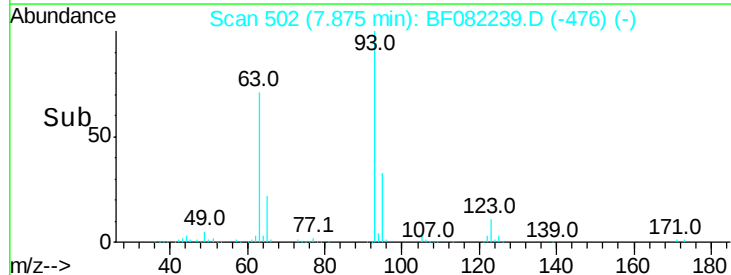
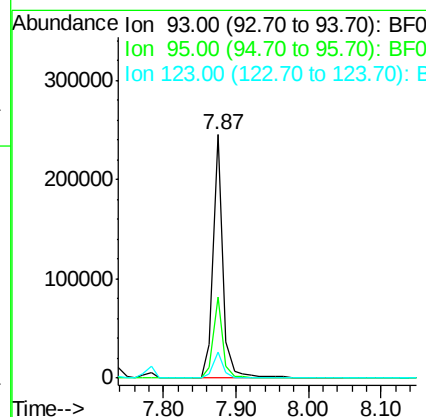
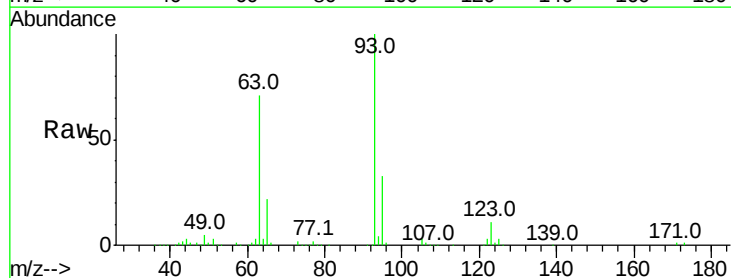
RT: 7.87 min Scan# 502

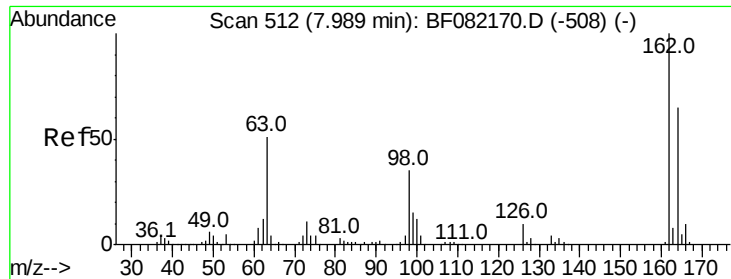
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	93	Resp:	233575
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.6	39.8
123	10.7	9.5	14.3





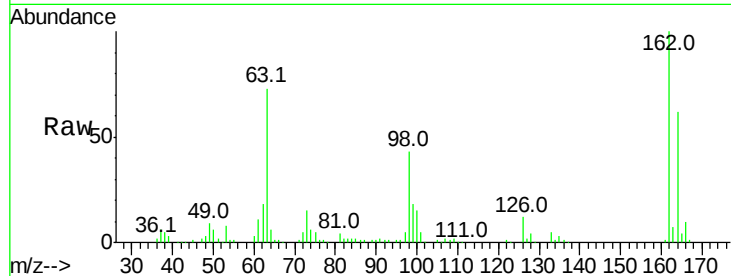
#29
 2,4-Dichlorophenol
 Concen: 48.89 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

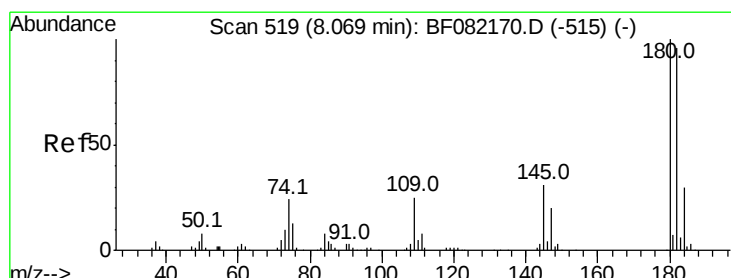
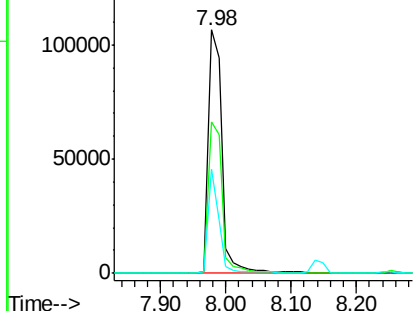
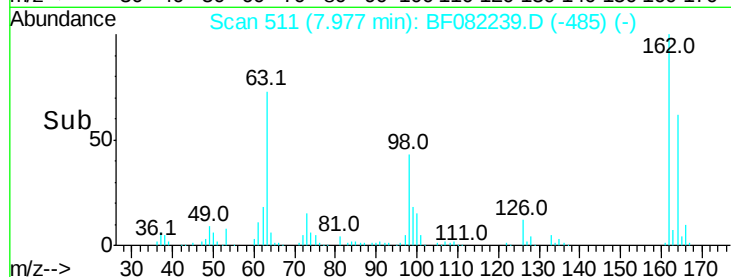
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.0	44.6	84.6
98	42.8	15.0	55.0

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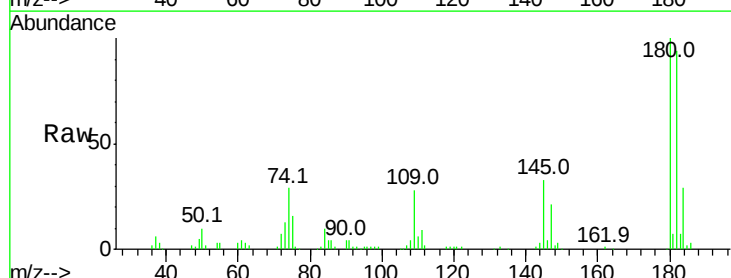


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

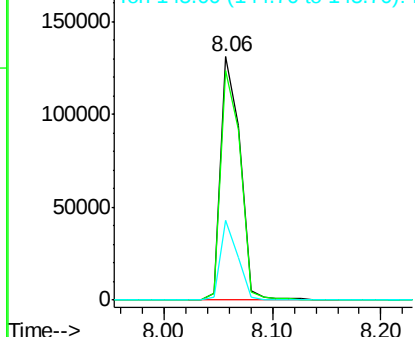
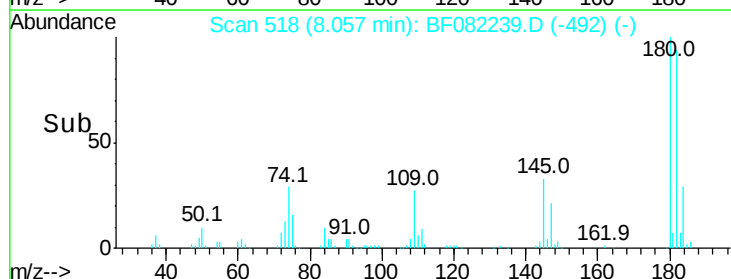


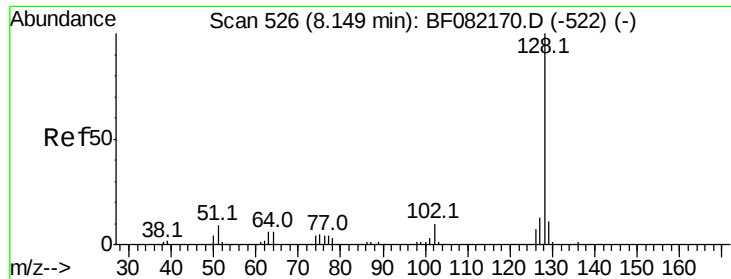
#30
 1,2,4-Trichlorobenzene
 Concen: 43.91 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	77.0	115.4
145	33.0	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





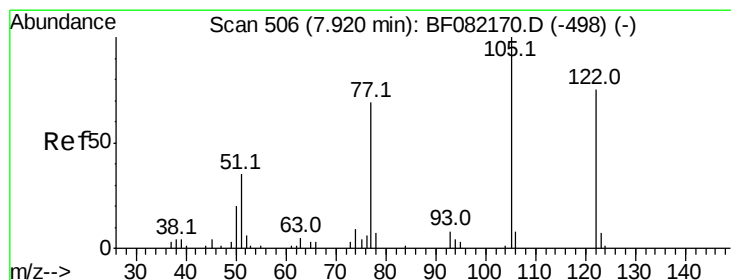
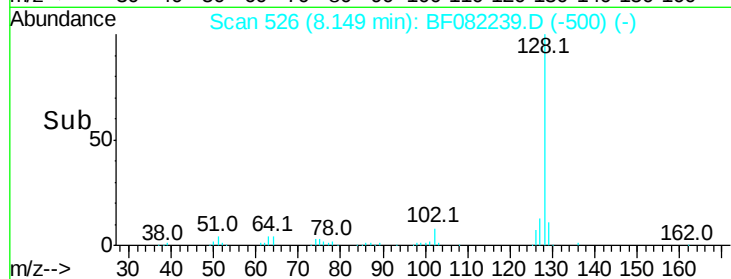
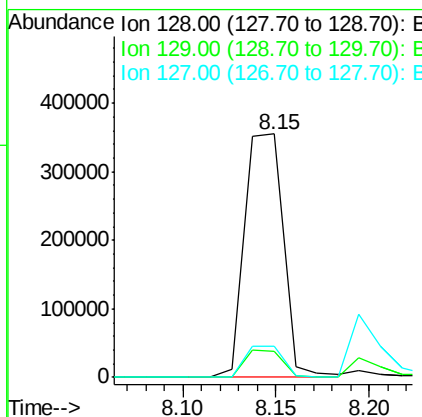
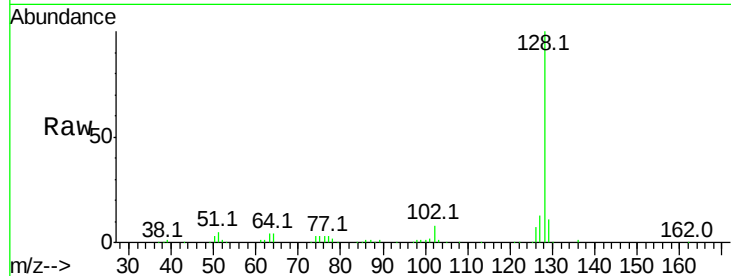
#31
Naphthalene
Concen: 47.26 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.1	13.7	
127	12.9	10.7	16.1	

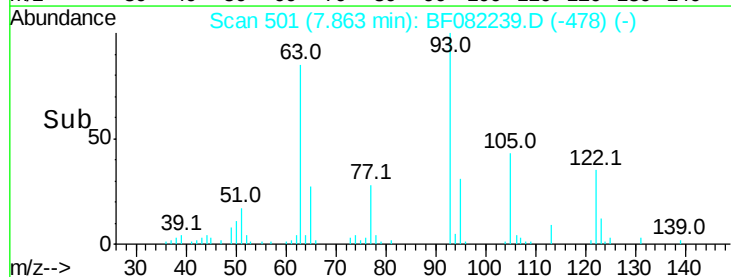
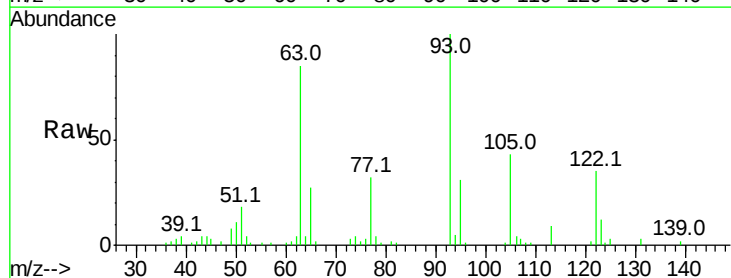
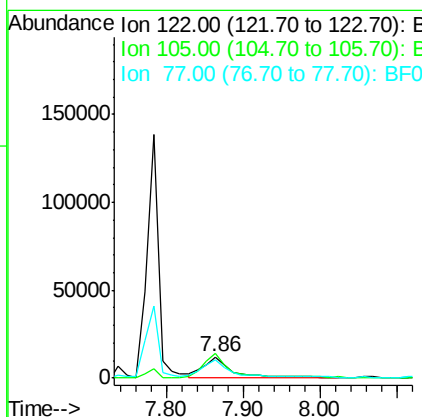
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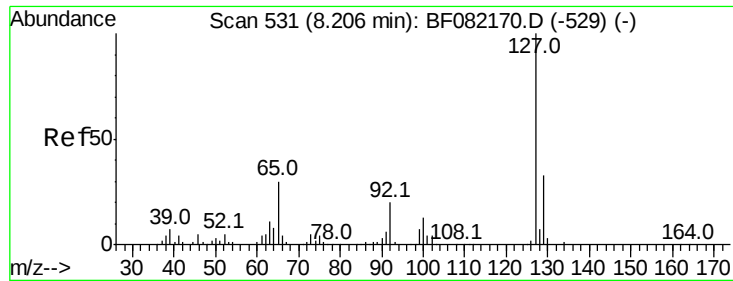
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#32
Benzoic acid
Concen: 13.06 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.2	104.4	144.4	
77	89.6	69.0	109.0	





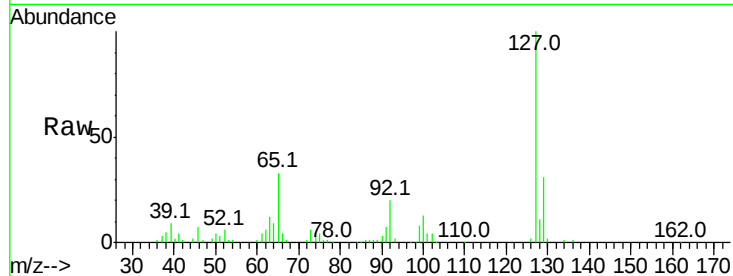
#33
4-Chloroaniline
Concen: 28.10 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

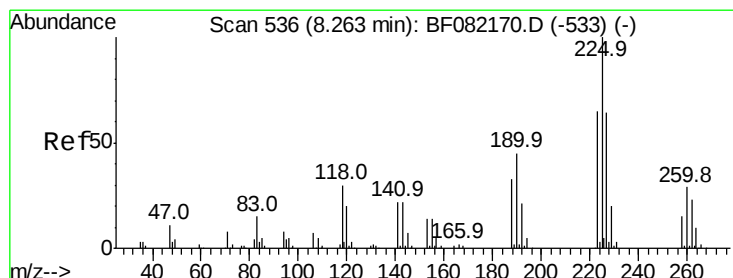
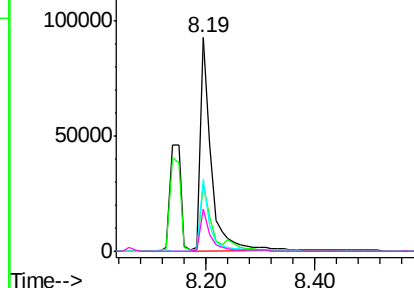
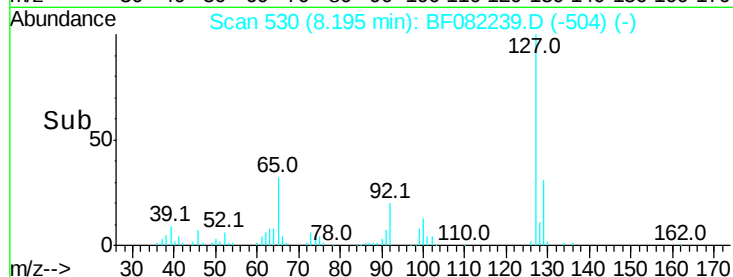
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.2	26.3	39.5
65	33.4	24.4	36.6
92	20.0	15.7	23.5

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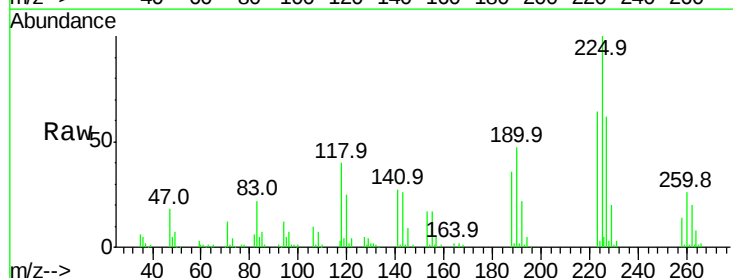


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

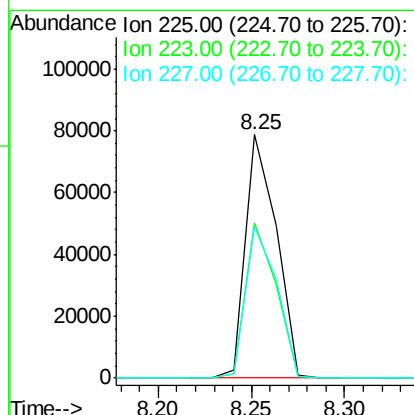
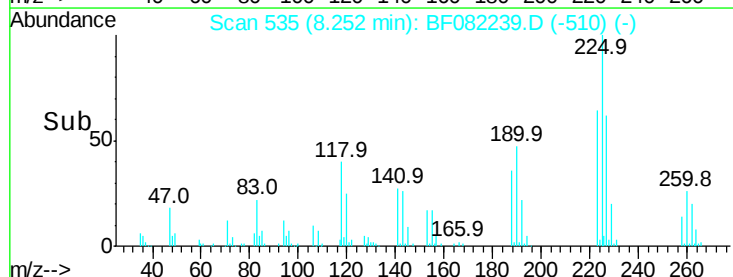


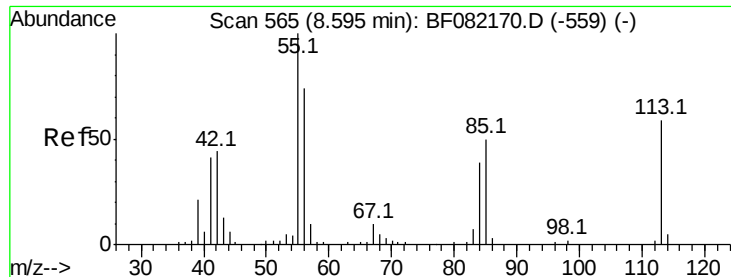
#34
Hexachlorobutadiene
Concen: 38.96 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	52.2	78.2
227	62.0	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.29 ng

RT: 8.57 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

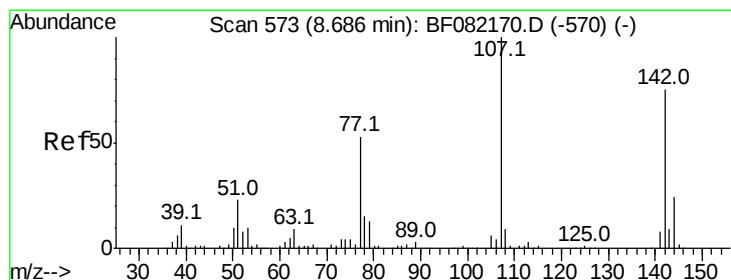
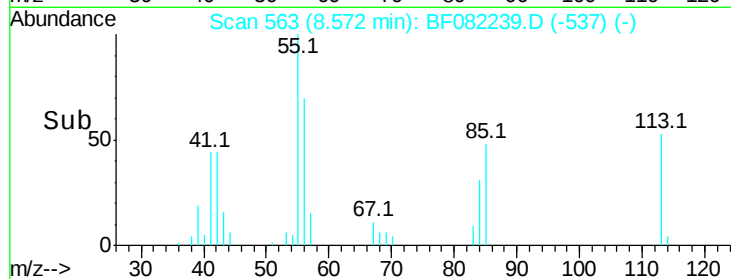
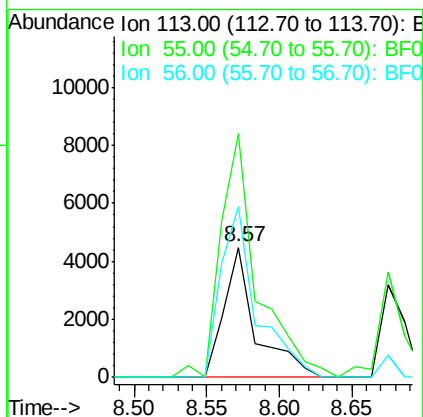
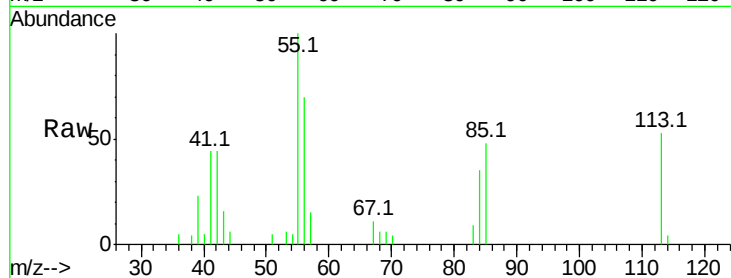
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	113	Resp:	6830
Ion	Ratio	Lower	Upper
113	100		
55	187.0	149.7	189.7
56	130.9	105.4	145.4

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#36

4-Chloro-3-methylphenol

Concen: 46.99 ng

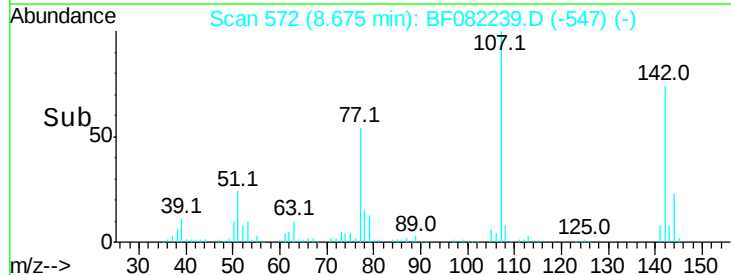
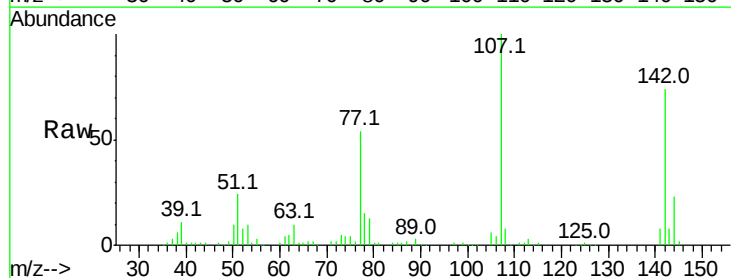
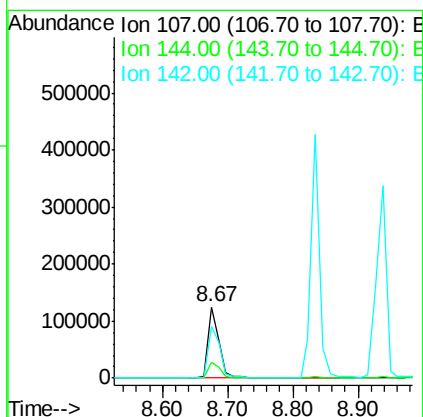
RT: 8.67 min Scan# 572

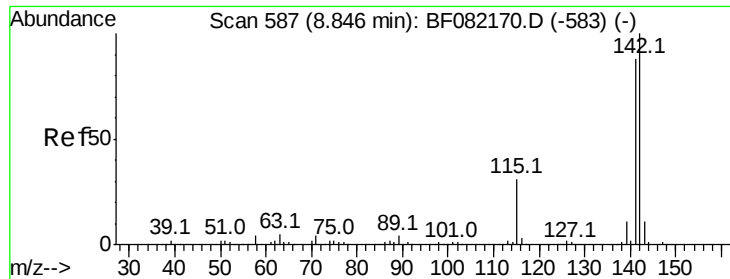
Delta R.T. -0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	107	Resp:	148333
Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.3	28.9
142	73.6	59.9	89.9





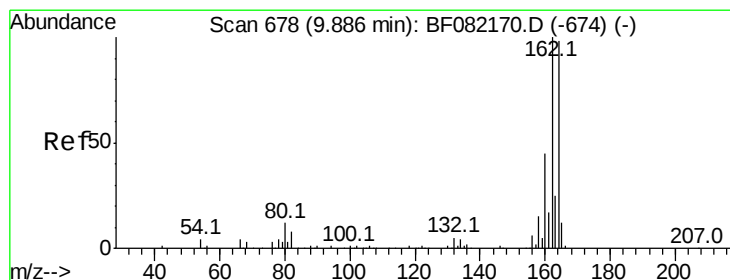
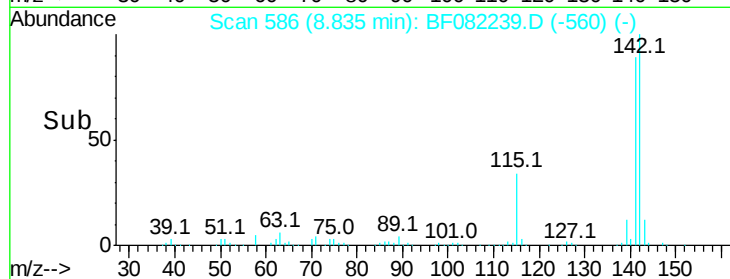
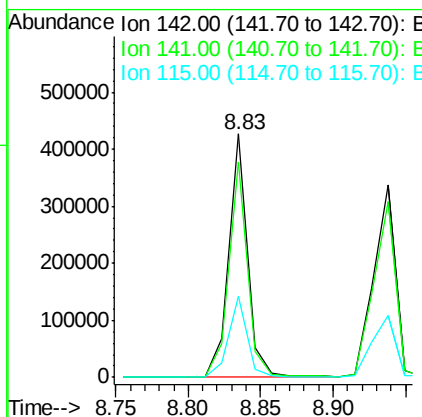
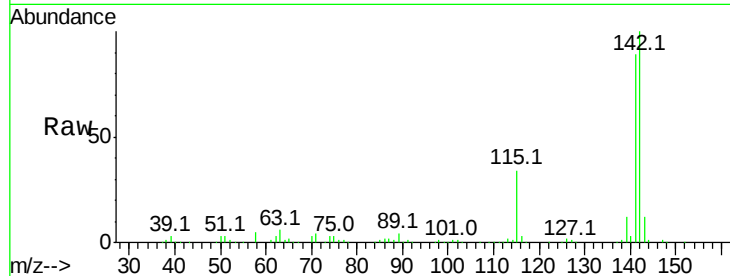
#37
2-Methylnaphthalene
Concen: 51.74 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	387198		
141	88.6		70.4	105.6
115	33.5		24.6	37.0

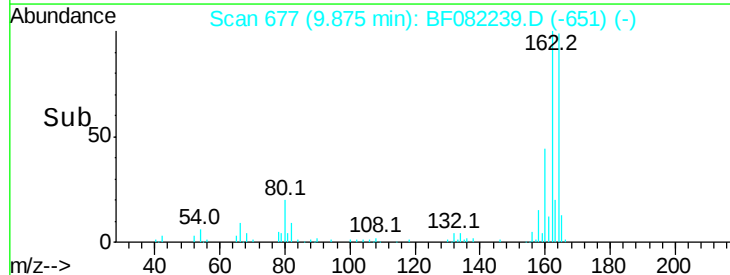
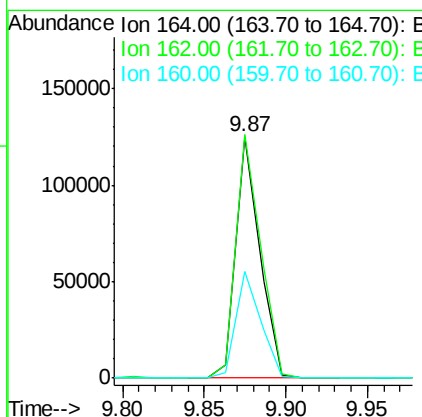
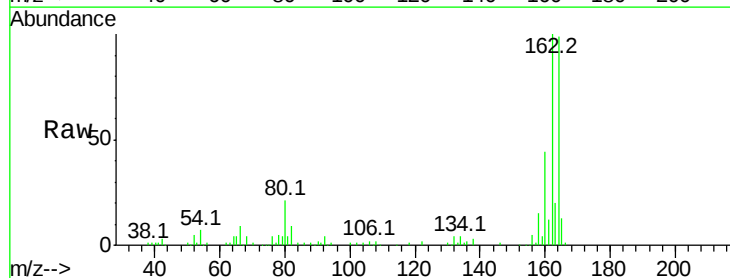
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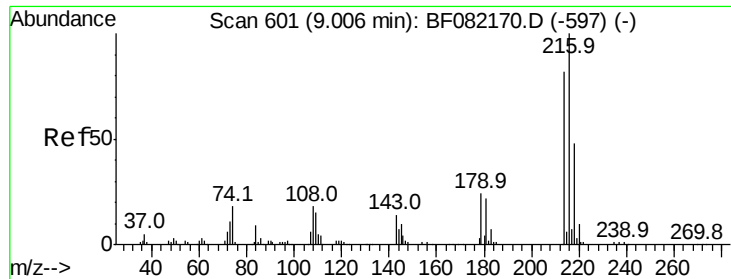
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126187		
162	101.0		81.6	122.4
160	44.4		36.4	54.6





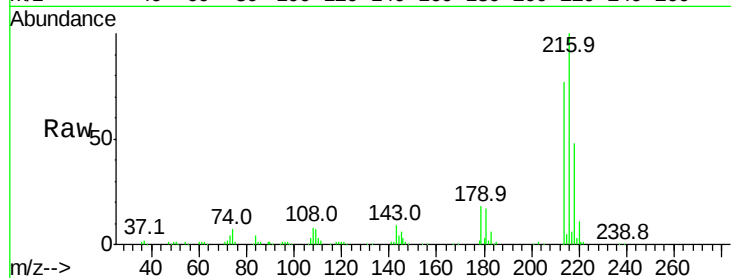
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.80 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

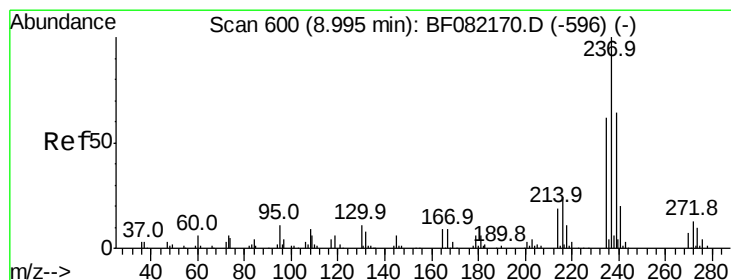
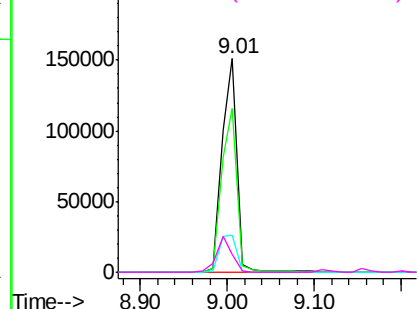
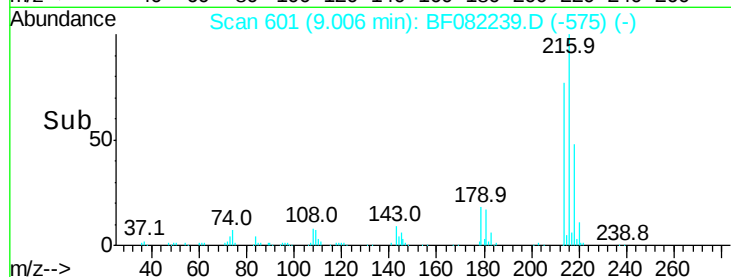
Tot Ion	Ratio	Resp	Lower	Upper
216	100	183166		
214	78.4	64.6	97.0	
179	20.5	17.6	26.4	
108	17.4	14.5	21.7	

Manual Integrations
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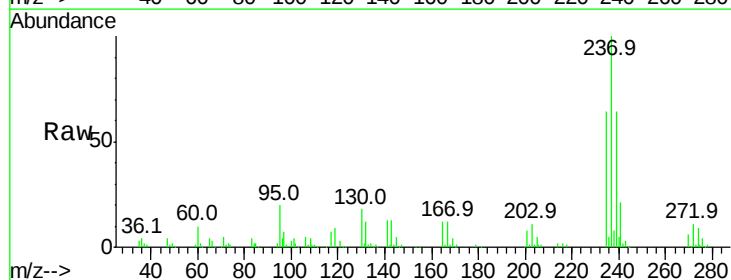


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

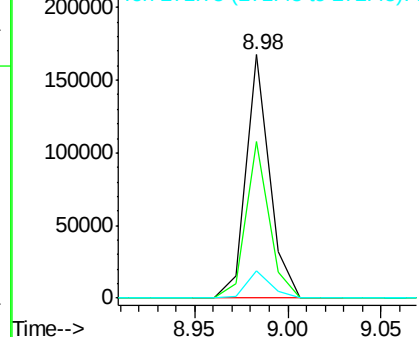
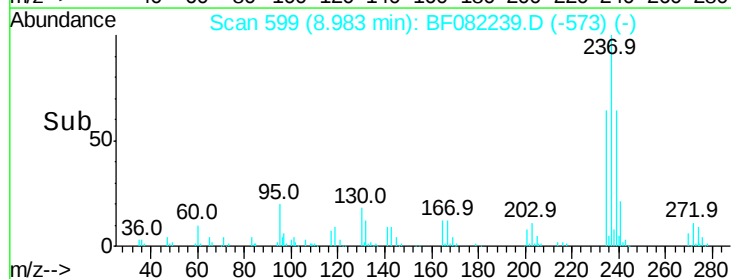


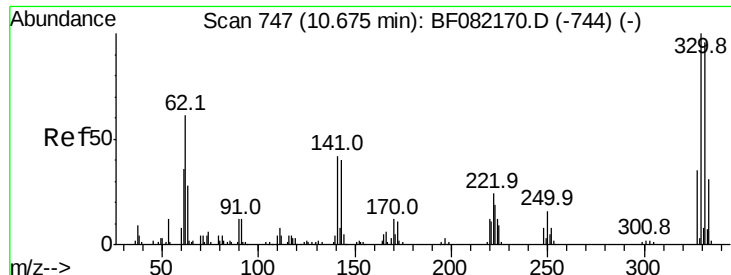
#40
 Hexachlorocyclopentadiene
 Concen: 77.92 ng
 RT: 8.98 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	147537		
235	64.3	41.7	81.7	
272	11.3	0.0	32.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





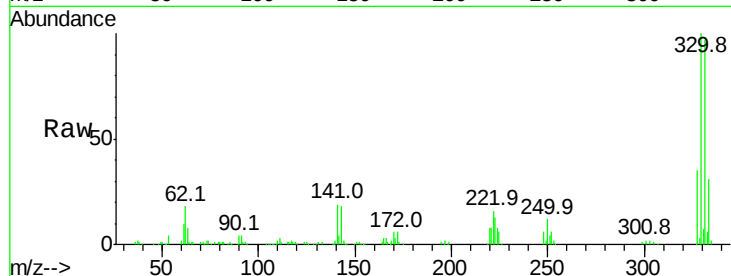
#41
 2,4,6-Tribromophenol
 Concen: 165.35 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

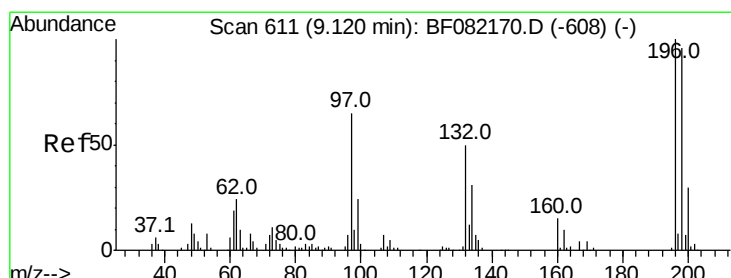
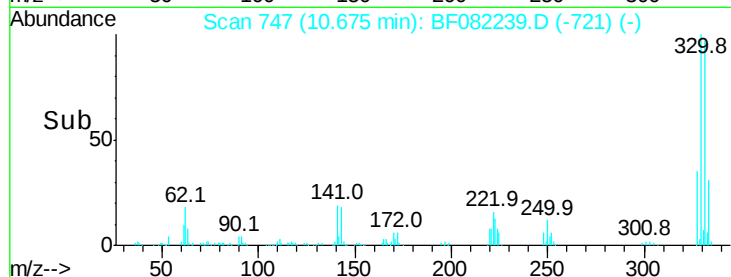
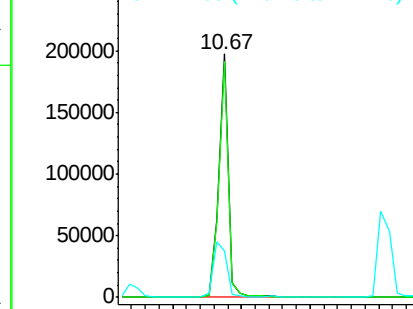
Tot Ion	Ratio	Resp	Lower	Upper
330	100	195678		
332	96.6	77.1	115.7	
141	31.5	29.8	44.8	

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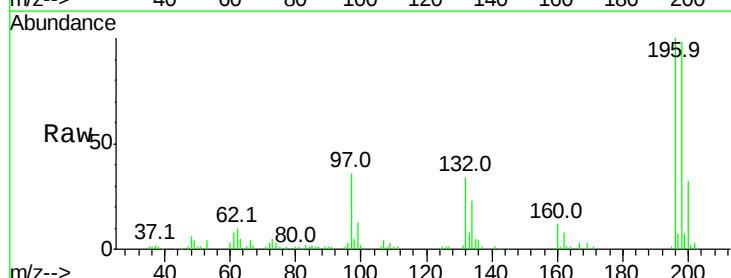


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

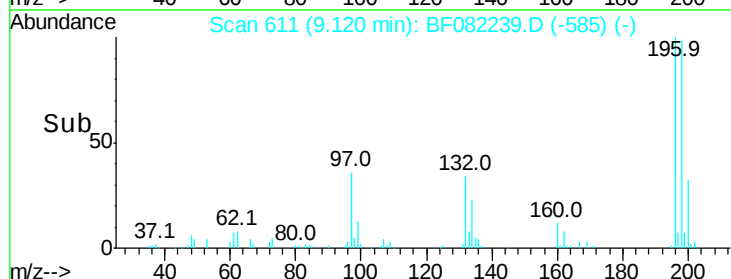
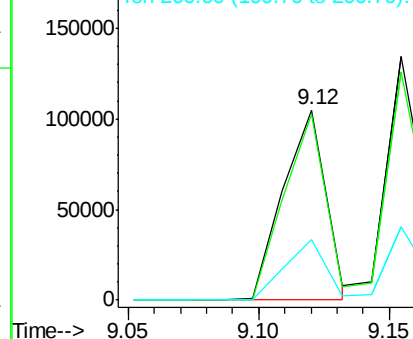


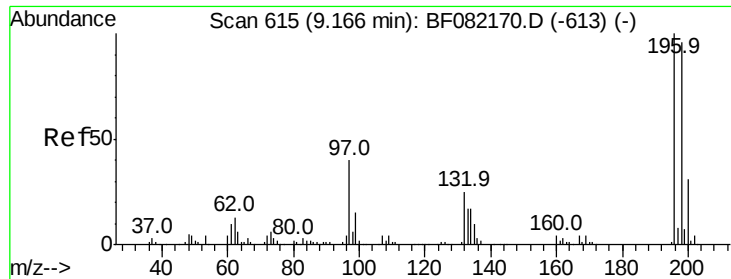
#42
 2,4,6-Trichlorophenol
 Concen: 47.98 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119606		
198	97.6	76.6	115.0	
200	31.6	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





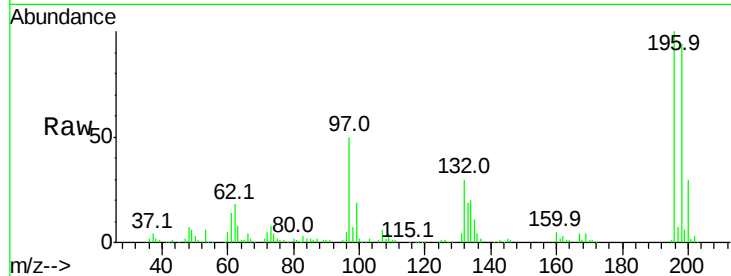
#43
 2,4,5-Trichlorophenol
 Concen: 51.69 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139588		
198	93.7	77.0	115.4	
97	50.1	31.9	47.9	
132	29.5	20.3	30.5	

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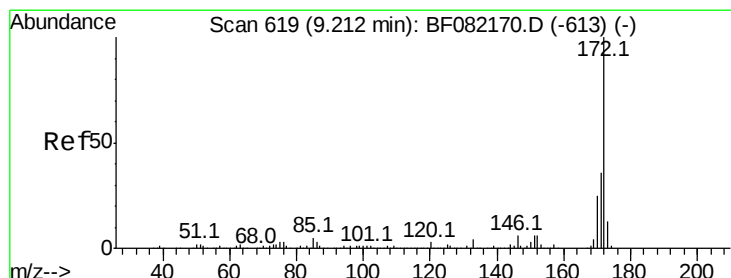
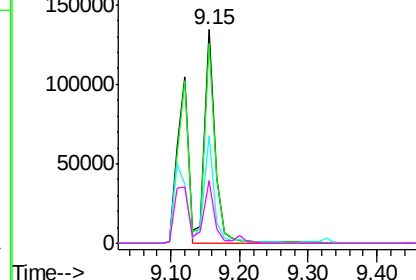
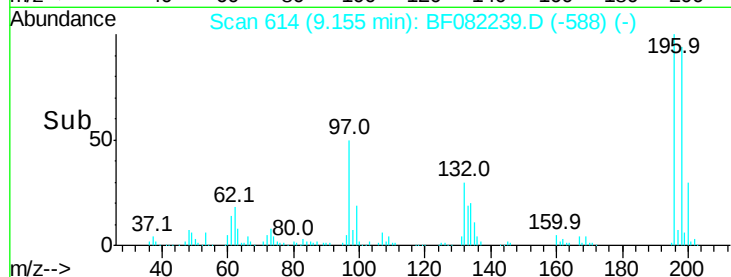
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

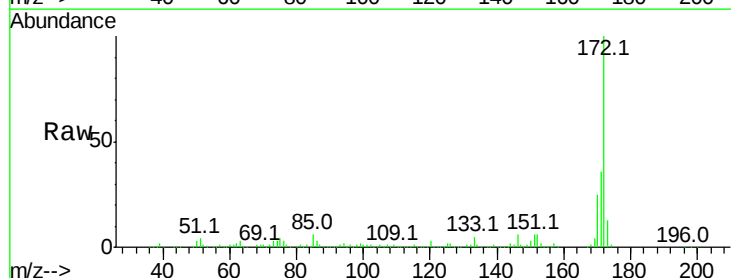
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.61 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	788389		
171	36.3	28.6	42.8	
170	24.5	19.7	29.5	

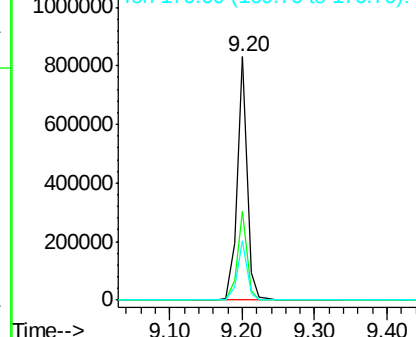
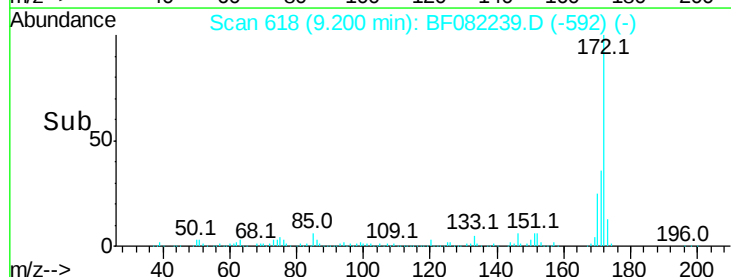


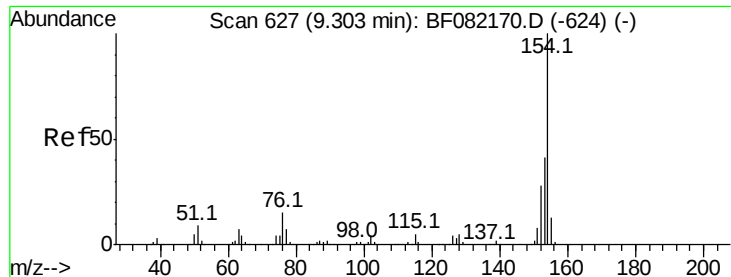
Abundance

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: 52.39 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

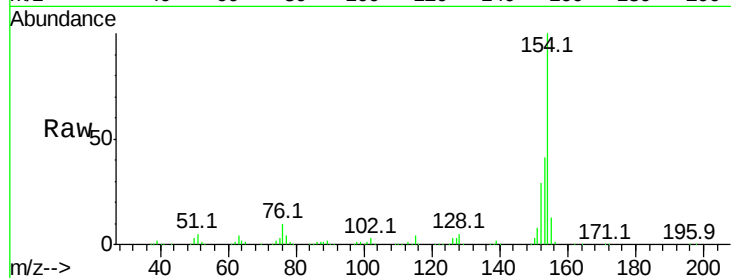
ClientSampleId :

TE-PMW(40)MSD

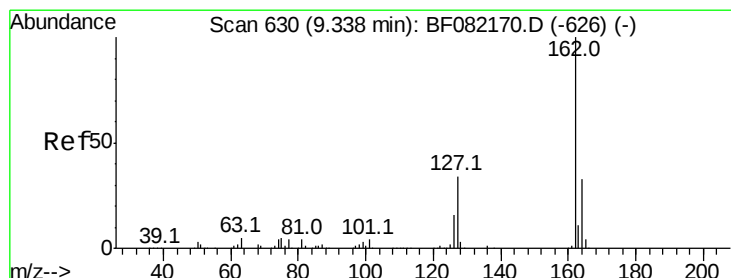
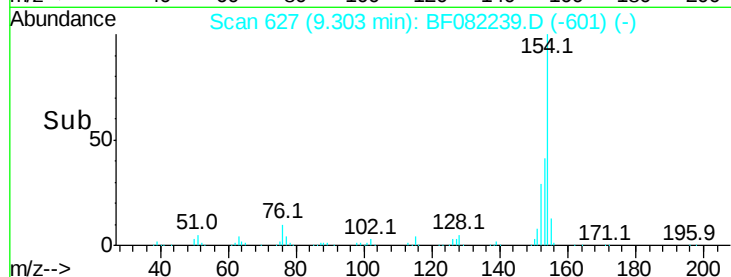
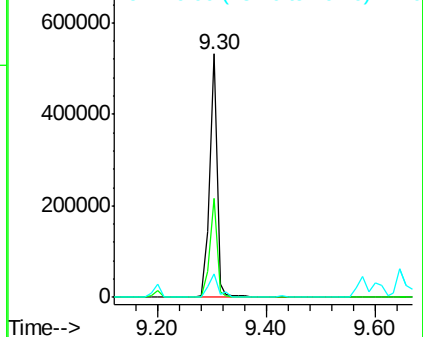
Tot Ion:	154	Resp:	504106
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	9.7	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 51.92 ng

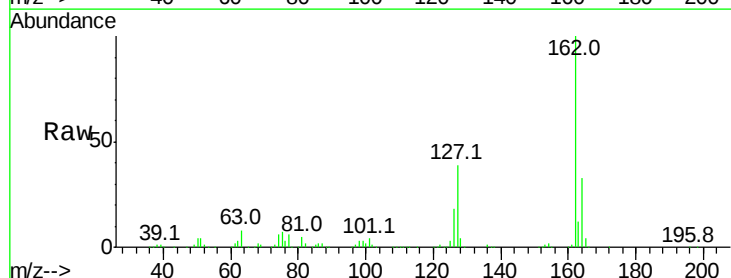
RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

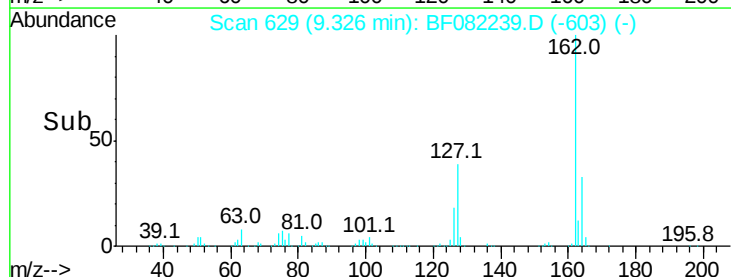
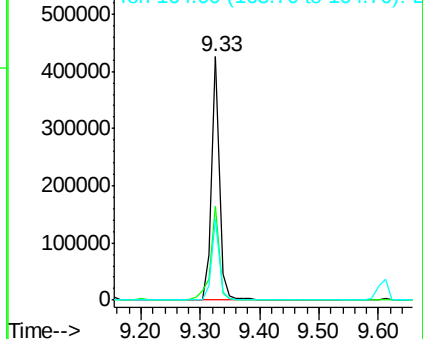
Lab File: BF082239.D

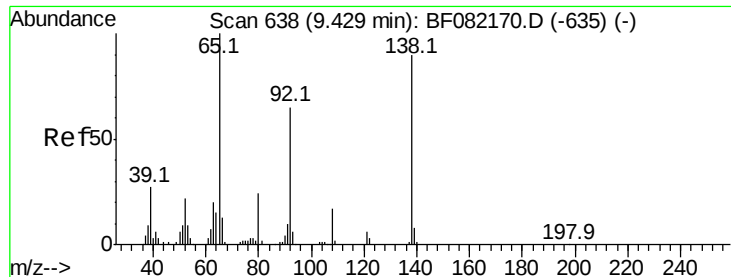
Acq: 13 Oct 2015 2:58

Tgt Ion:	162	Resp:	393284
Ion Ratio	Lower	Upper	
162	100		
127	38.6	27.5	41.3
164	33.1	26.6	39.8



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





#47

2-Nitroaniline

Concen: 58.16 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

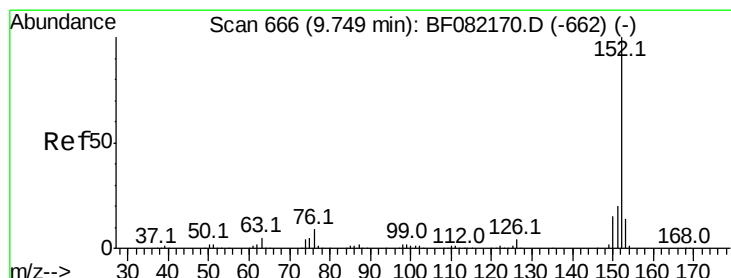
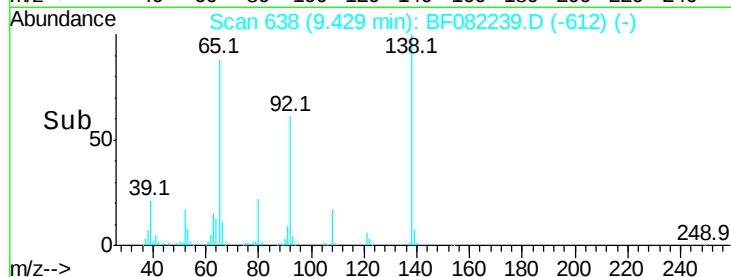
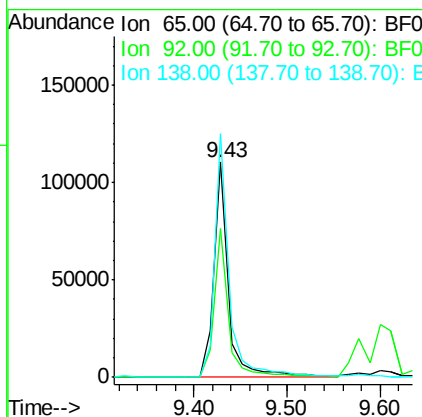
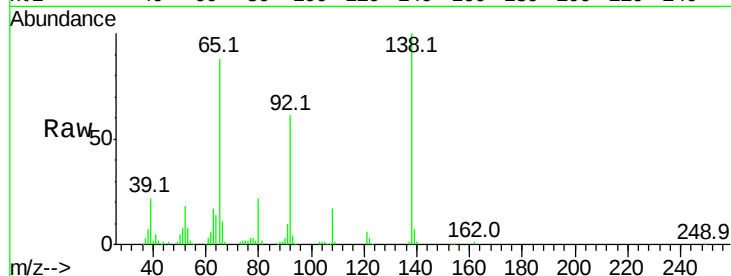
ClientSampleId :

TE-PMW(40)MSD

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Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	52.3	78.5
138	113.2	72.2	108.4



#48

Acenaphthylene

Concen: 49.44 ng

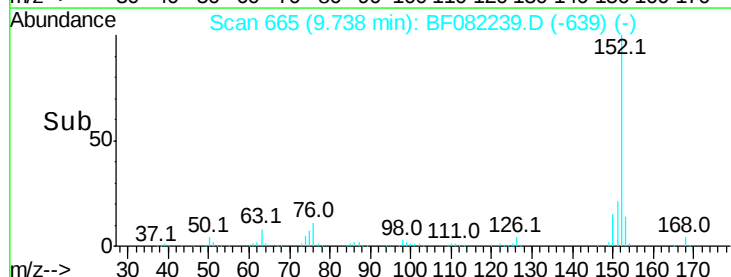
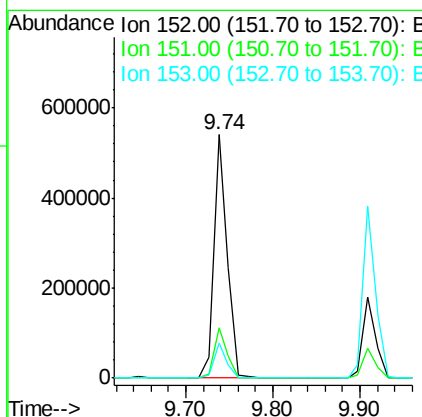
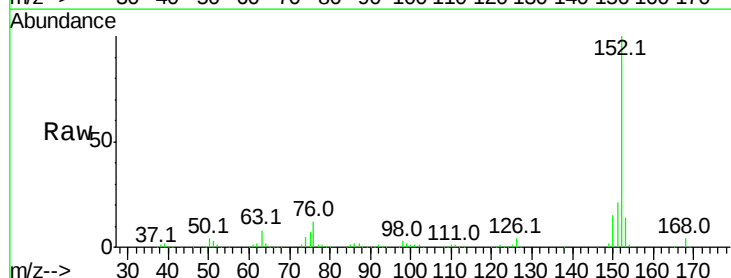
RT: 9.74 min Scan# 665

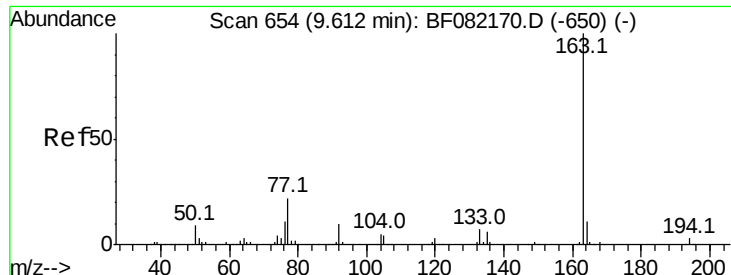
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	14.2	10.8	16.2





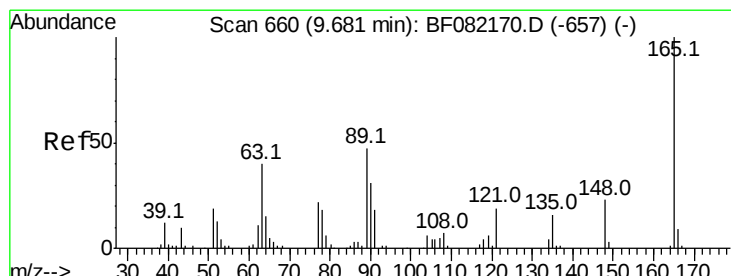
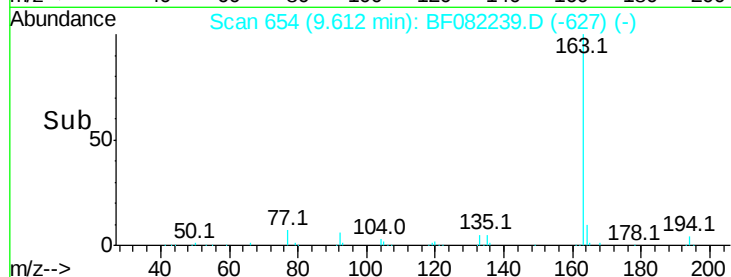
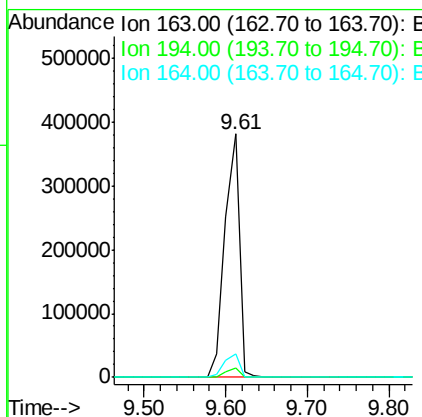
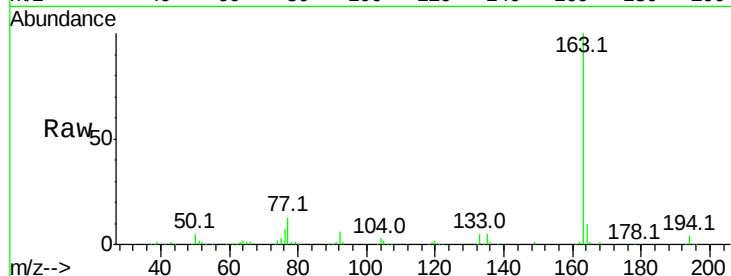
#49
Dimethylphthalate
Concen: 52.86 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	469744		
194	4.1	2.6	4.0#	
164	9.7	8.5	12.7	

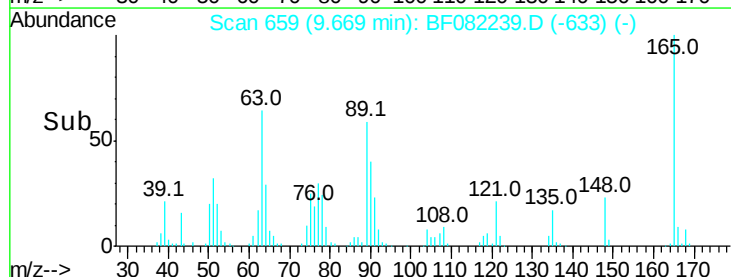
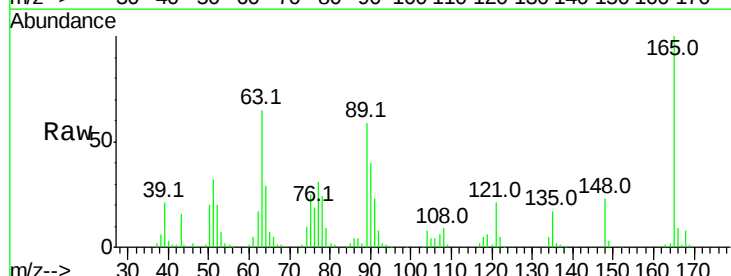
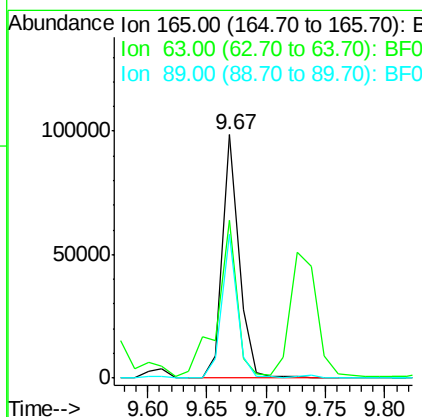
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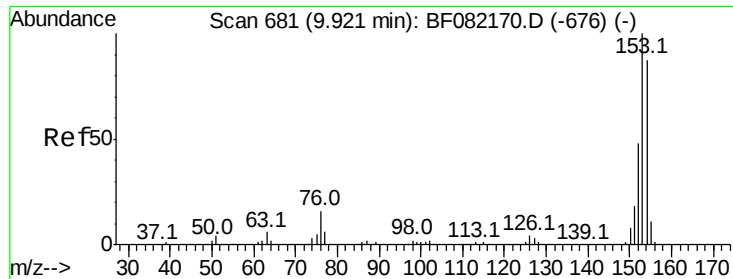
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#50
2,6-Dinitrotoluene
Concen: 51.15 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	95911		
63	64.7	36.7	55.1#	
89	59.2	37.8	56.6#	





#51

Acenaphthene

Concen: 49.59 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

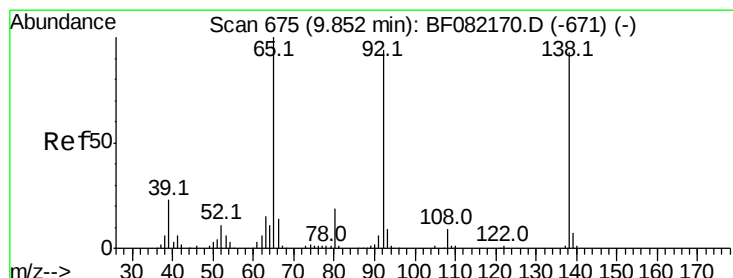
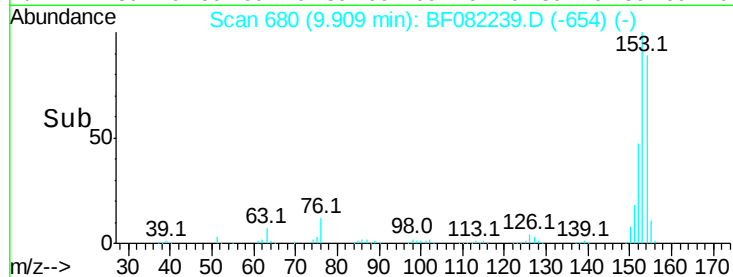
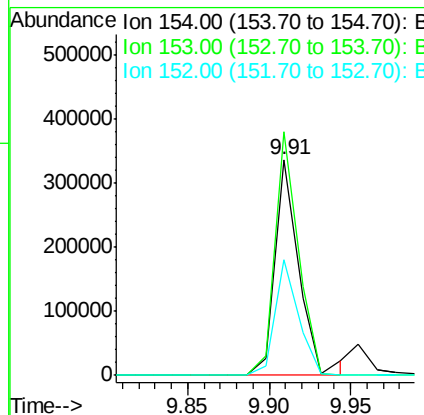
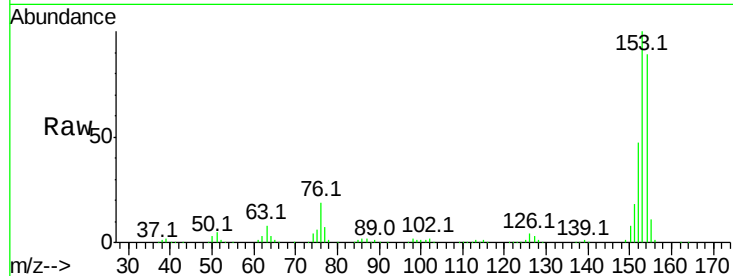
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	154	Resp:	351291
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.4	137.2
152	53.5	44.3	66.5

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#52

3-Nitroaniline

Concen: 29.60 ng

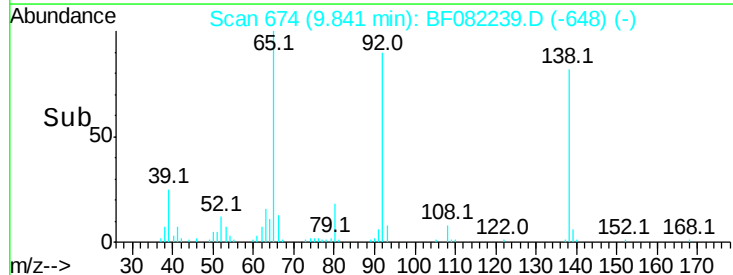
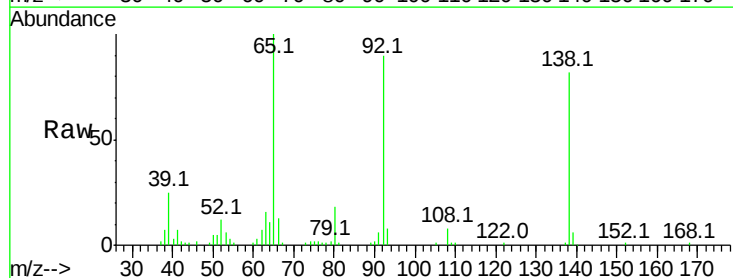
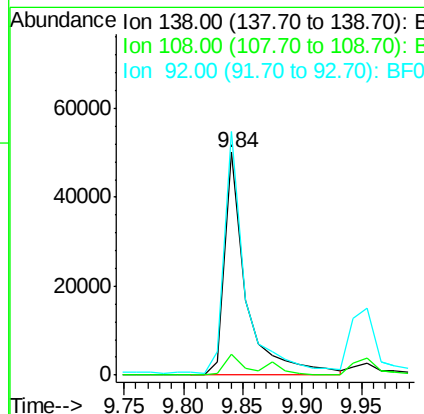
RT: 9.84 min Scan# 674

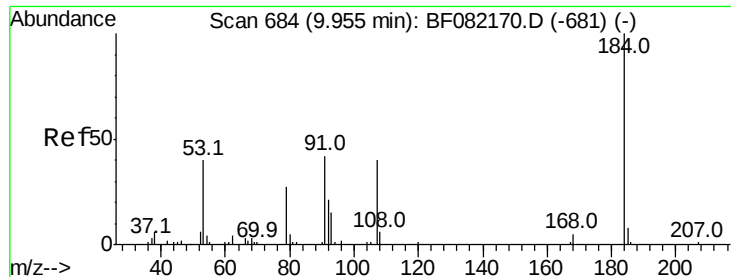
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	138	Resp:	62684
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.4	11.0
92	109.4	81.3	121.9





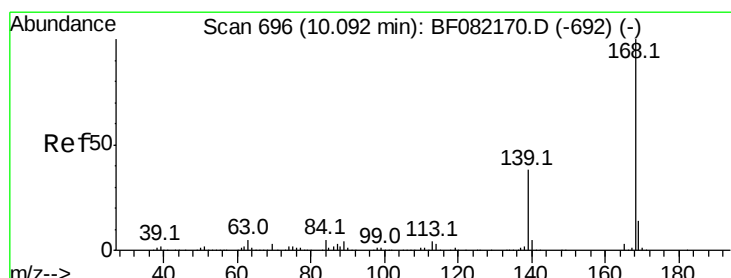
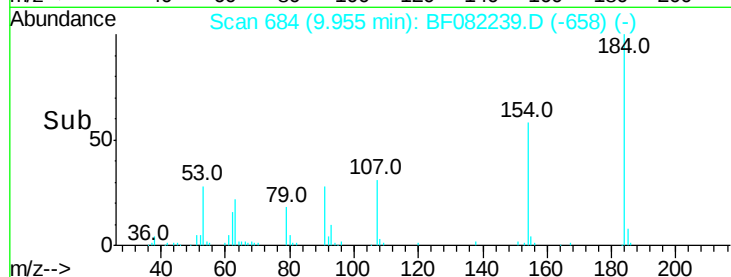
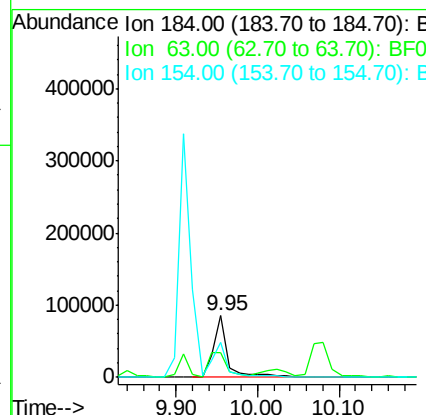
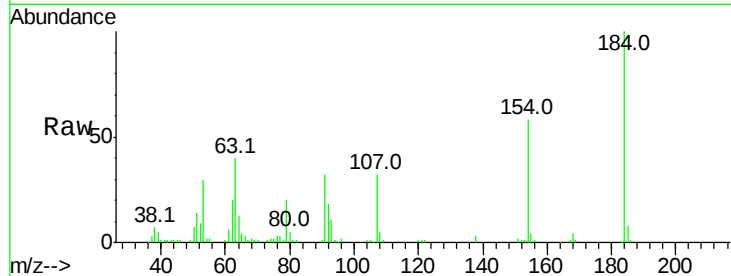
#53
2,4-Dinitrophenol
Concen: 100.57 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	40.1	45.1	67.7#	
154	58.1	51.2	76.8	

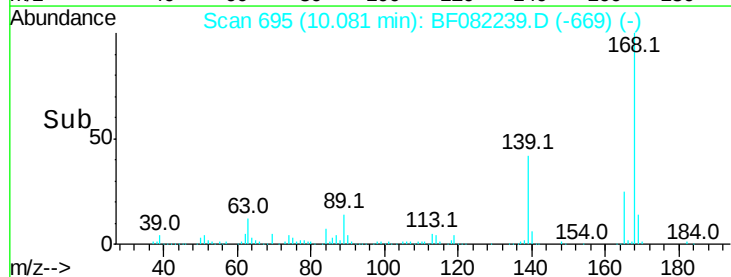
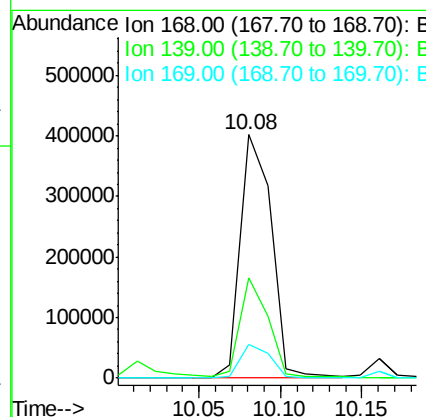
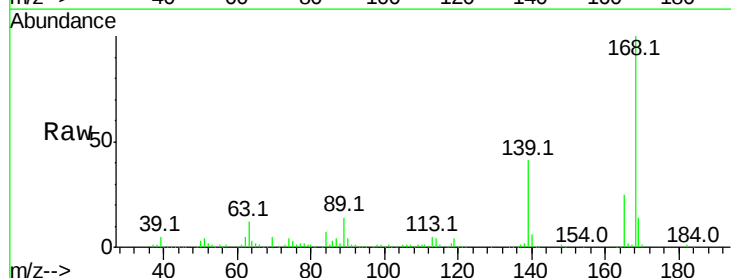
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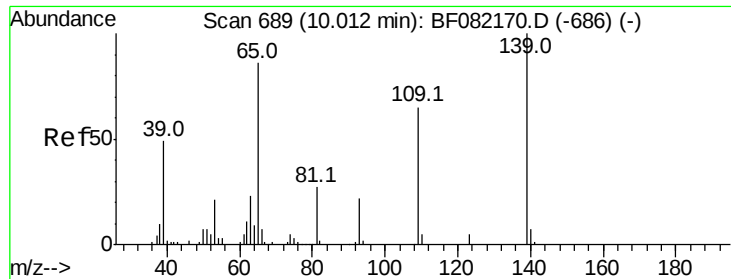
MMdadoda
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#54
Dibenzofuran
Concen: 54.43 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.4	31.0	46.6	
169	13.6	10.9	16.3	





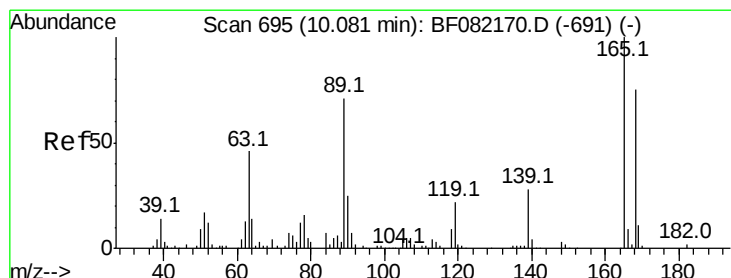
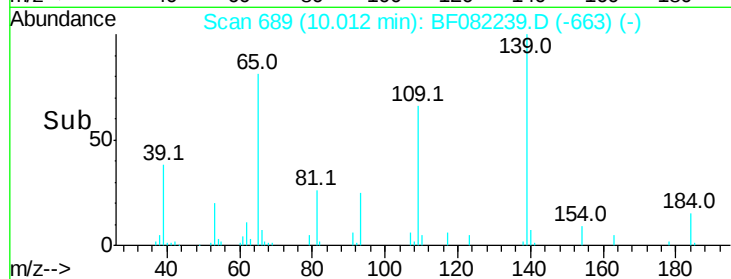
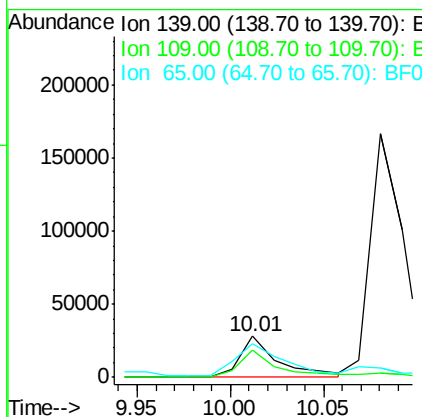
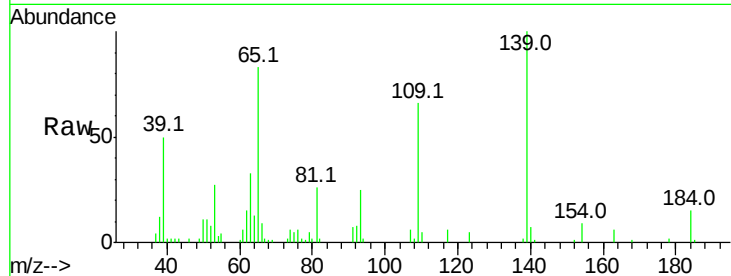
#55
4-Nitrophenol
Concen: 35.15 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.8	44.8	84.8	
65	82.9	67.7	107.7	

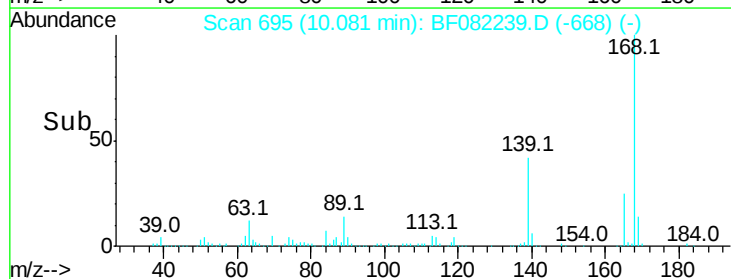
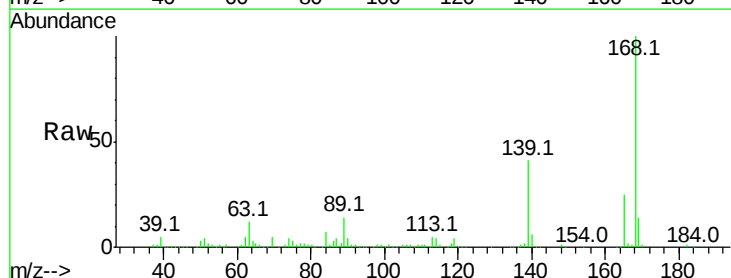
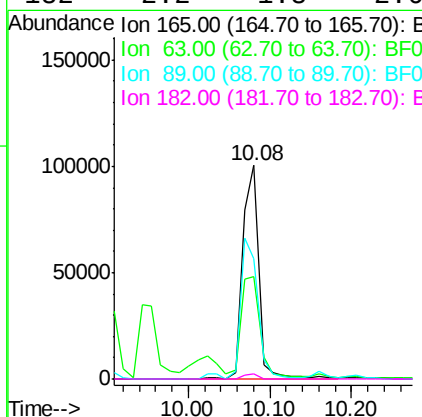
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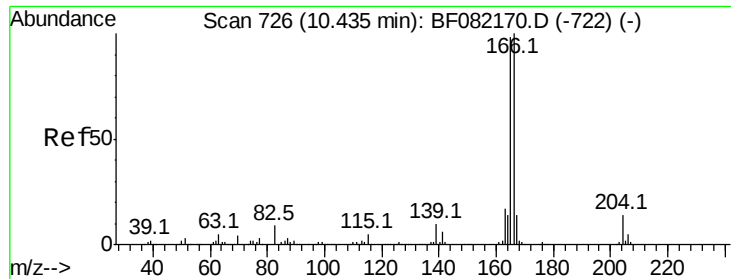
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 58.95 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.9	38.6	58.0	
89	56.1	57.0	85.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 51.41 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

Tot Ion:166 Resp: 410703

Ion Ratio Lower Upper

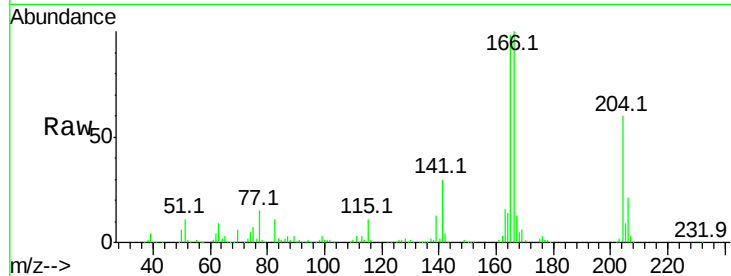
166 100

165 98.0 78.3 117.5

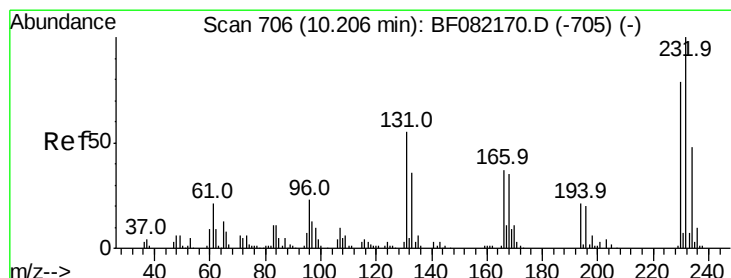
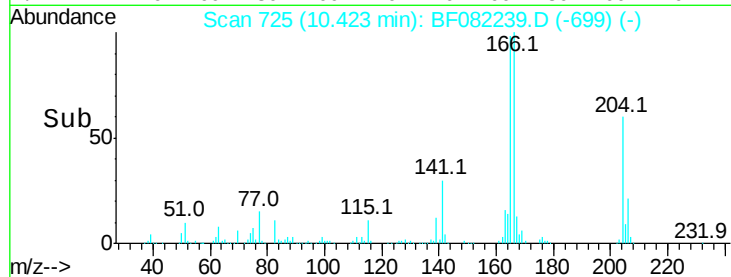
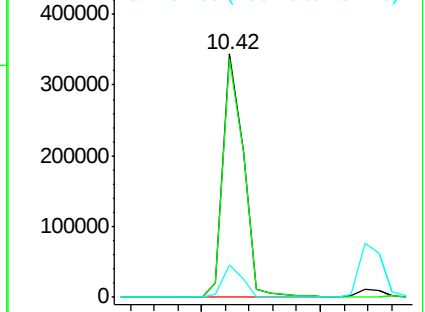
167 13.4 10.8 16.2

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.24 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:232 Resp: 124095

Ion Ratio Lower Upper

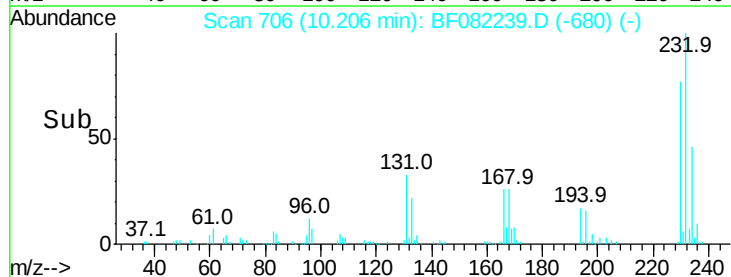
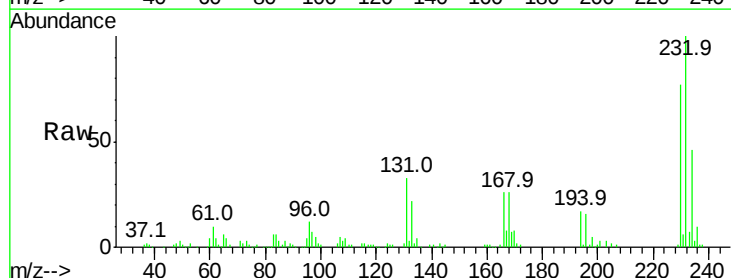
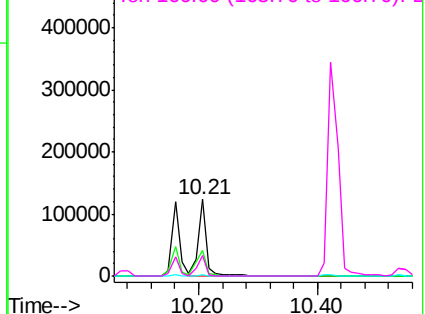
232 100

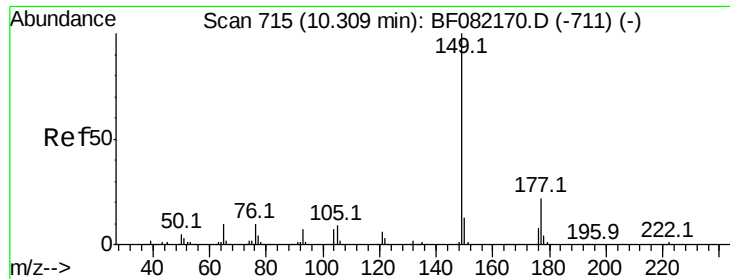
131 39.1 36.6 54.8

130 1.7 1.5 2.3

166 27.2 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





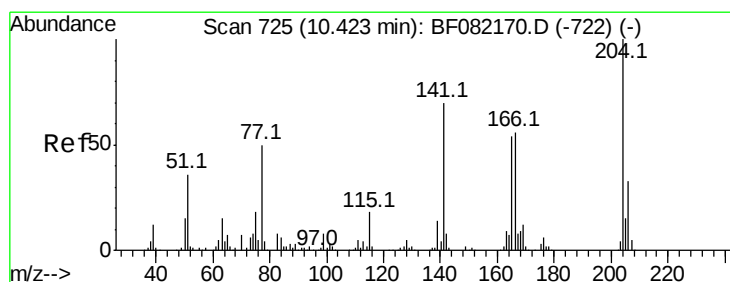
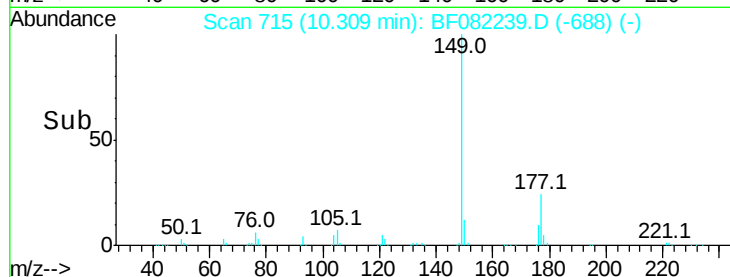
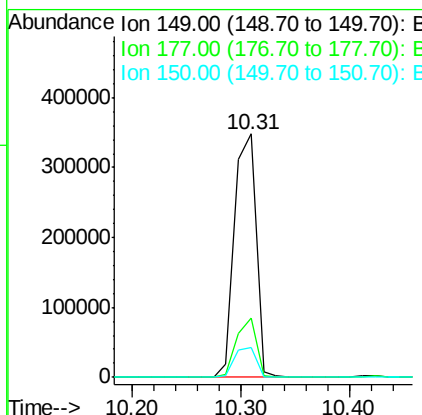
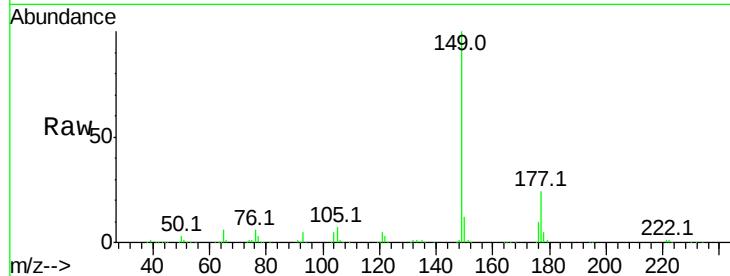
#59
Diethylphthalate
Concen: 57.21 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.5	17.6	26.4	
150	12.3	10.3	15.5	

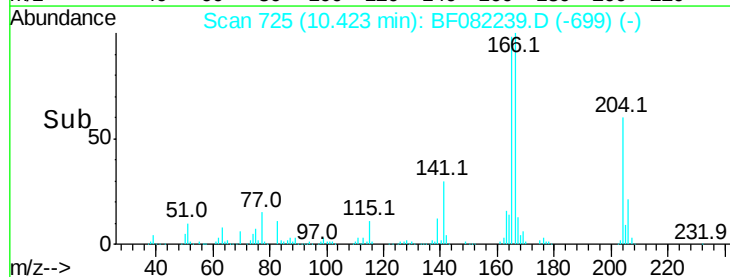
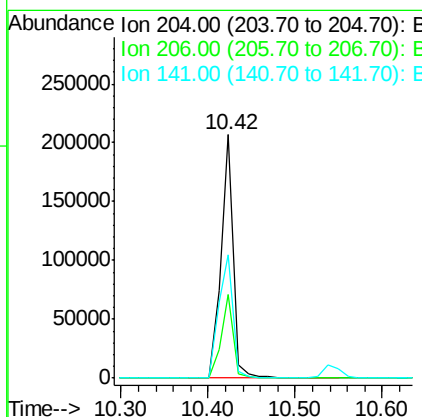
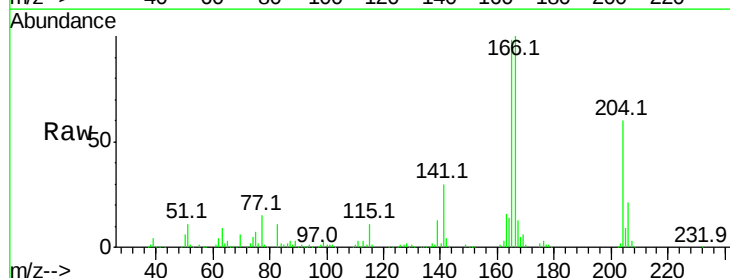
Manual Integrations
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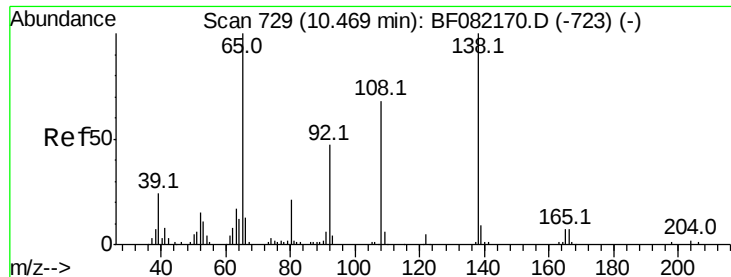
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 56.64 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.5	26.8	40.2	
141	50.5	56.1	84.1#	





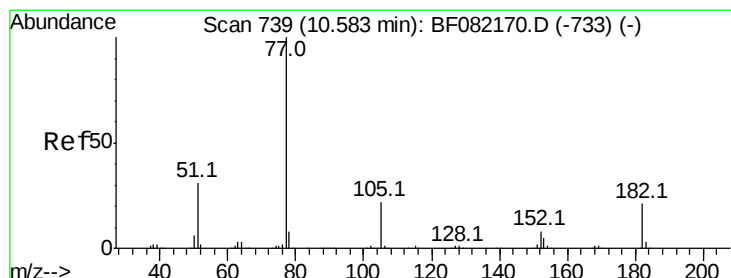
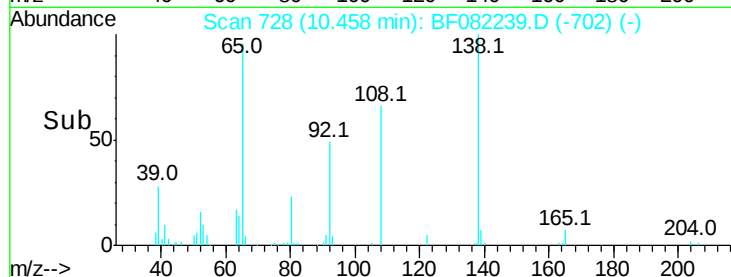
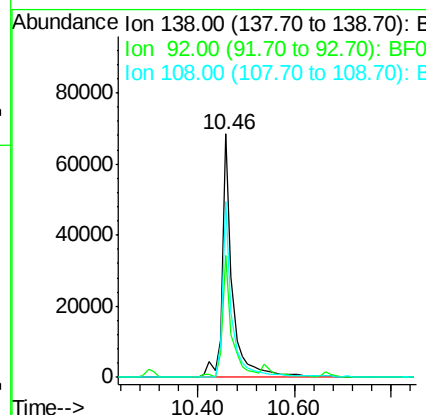
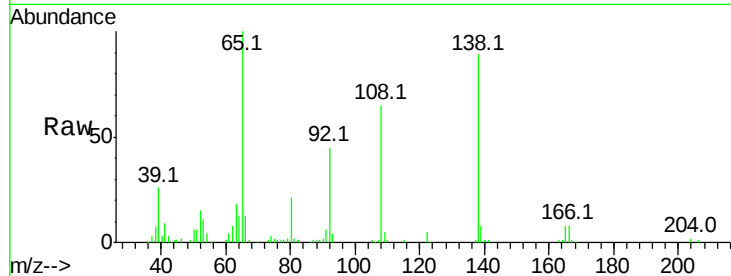
#61
4-Nitroaniline
Concen: 50.26 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	26.8	66.8
108	72.3	48.4	88.4

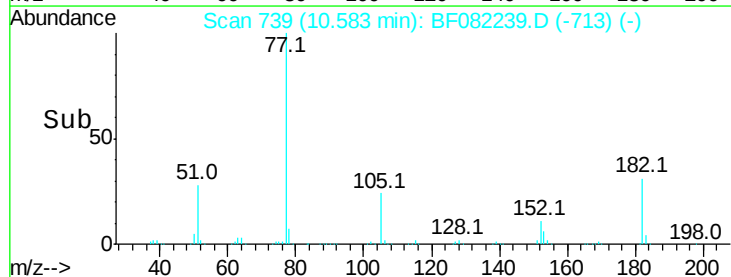
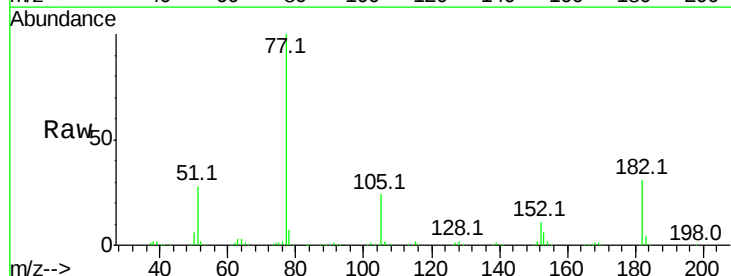
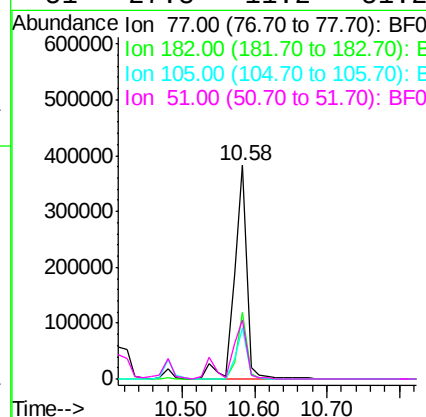
Manual Integrations
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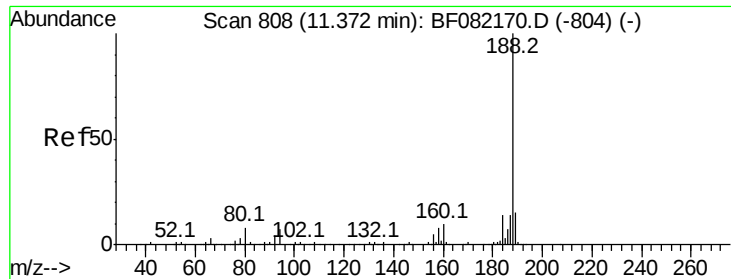
MMdadoda
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#62
Azobenzene
Concen: 55.29 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	0.5	40.5
105	24.2	1.8	41.8
51	27.8	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: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

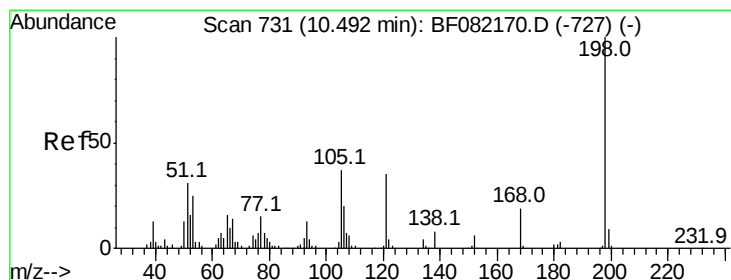
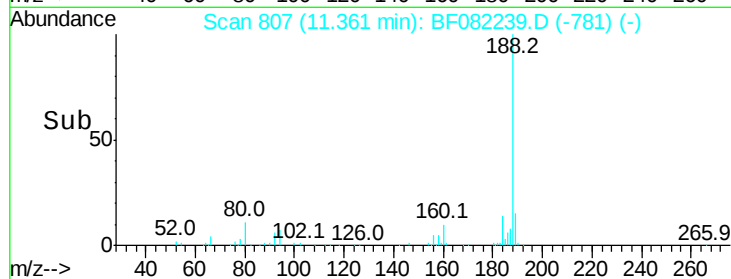
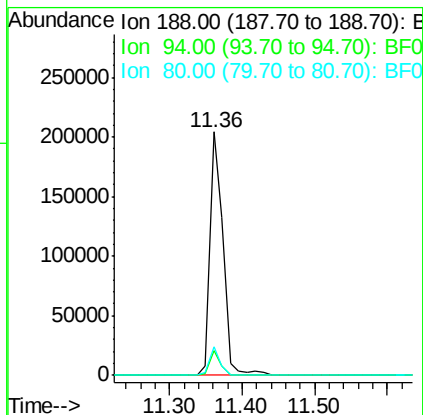
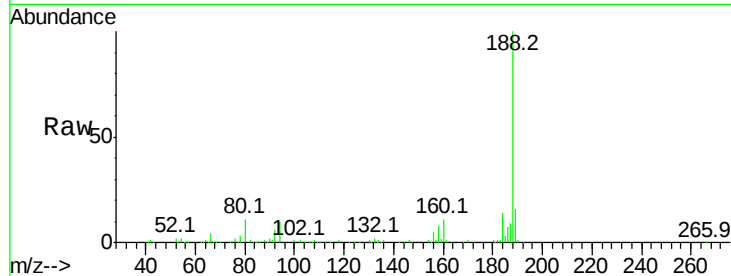
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	188	Resp:	253704
Ion Ratio	Lower	Upper	
188	100		
94	10.2	5.8	8.6#
80	11.5	6.4	9.6#

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.54 ng

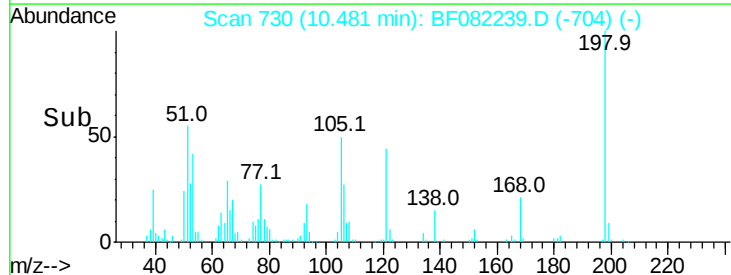
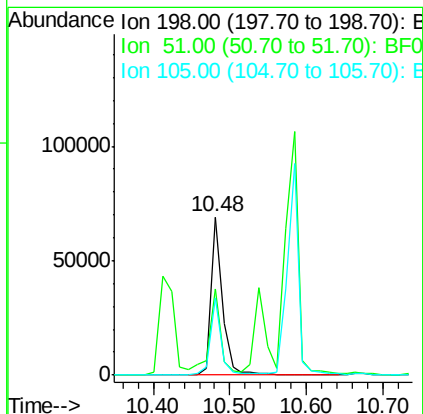
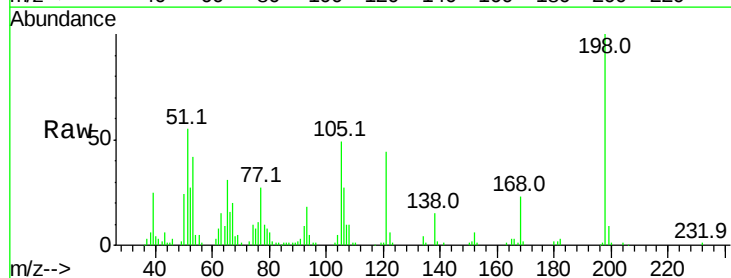
RT: 10.48 min Scan# 730

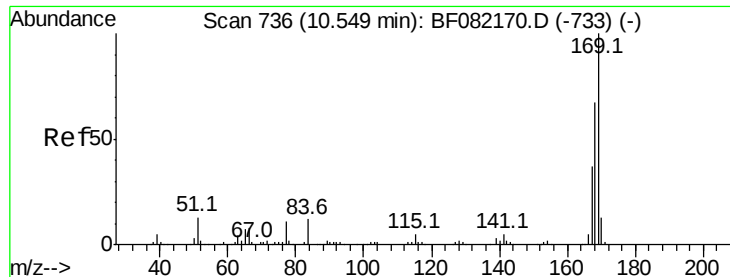
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	198	Resp:	71963
Ion Ratio	Lower	Upper	
198	100		
51	54.8	13.6	53.6#
105	49.3	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 37.75 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

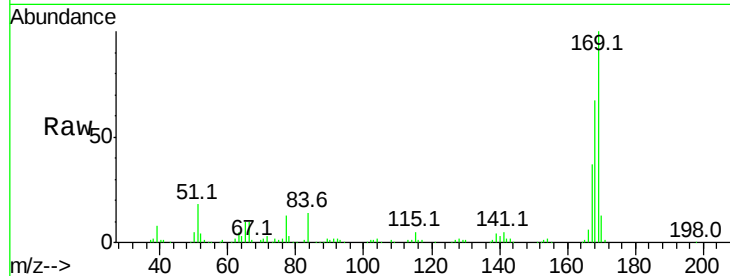
ClientSampleId :

TE-PMW(40)MSD

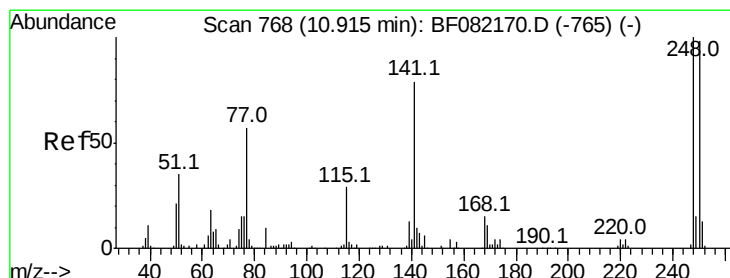
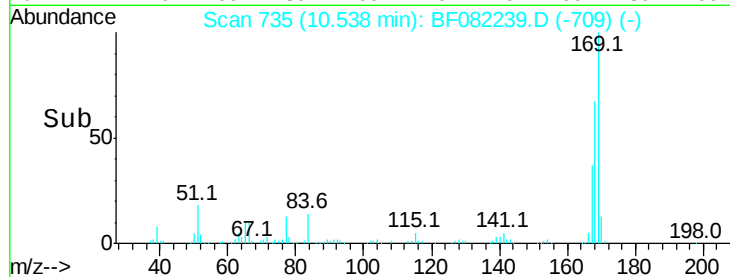
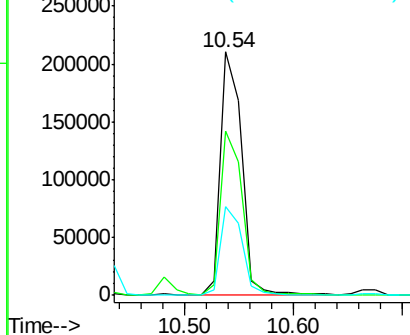
Tot Ion:	169	Resp:	286742
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.0	81.0
167	36.7	29.6	44.4

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



#66

4-Bromophenyl-phenylether

Concen: 51.64 ng

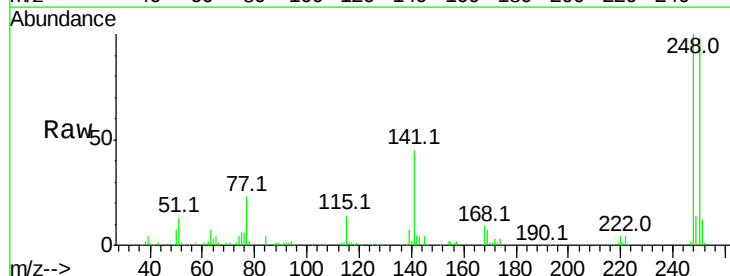
RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

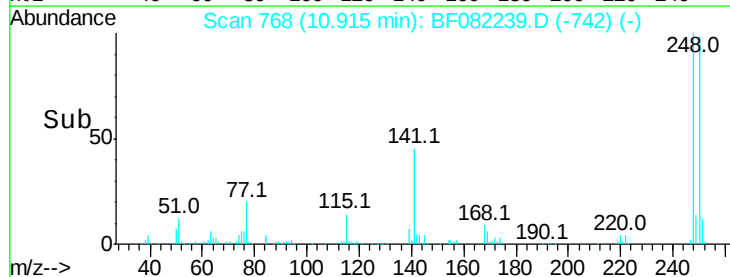
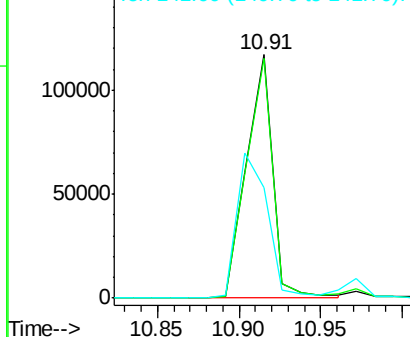
Lab File: BF082239.D

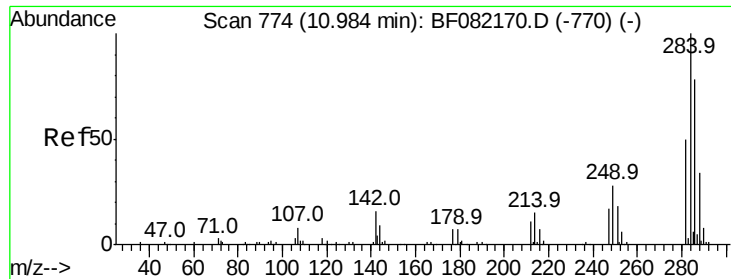
Acq: 13 Oct 2015 2:58

Tgt Ion:	248	Resp:	131109
Ion Ratio	Lower	Upper	
248	100		
250	98.4	78.6	117.8
141	45.5	63.3	94.9#



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





#67

Hexachlorobenzene

Concen: 50.97 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

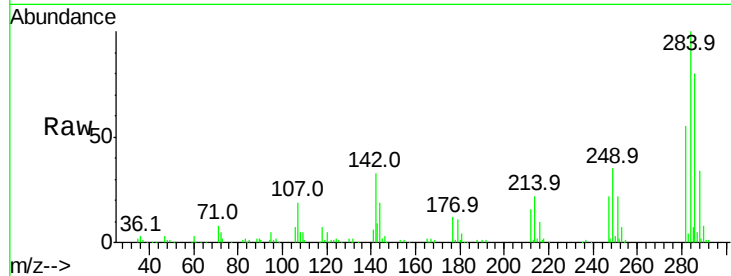
ClientSampleId :

TE-PMW(40)MSD

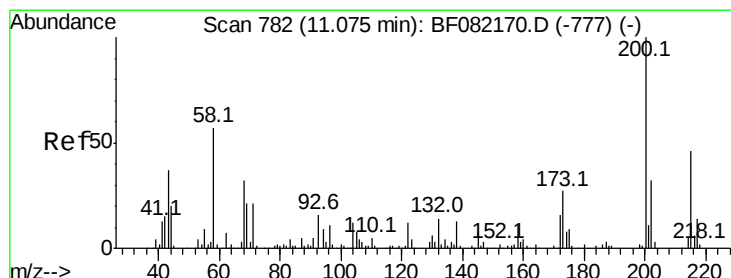
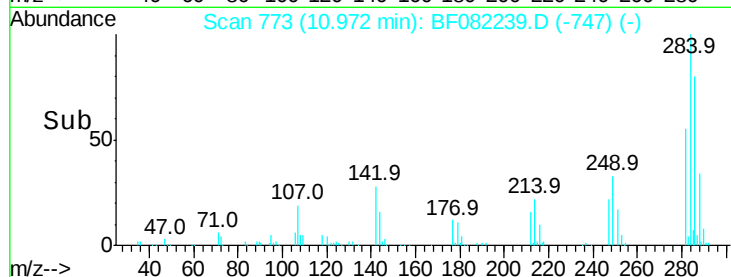
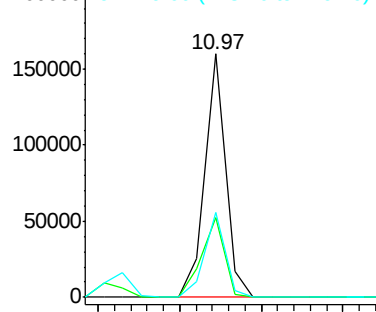
Tot Ion:	284	Resp:	139967
Ion Ratio		Lower	Upper
284	100		
142	32.7	13.0	19.6#
249	35.0	22.5	33.7#

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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: 59.15 ng

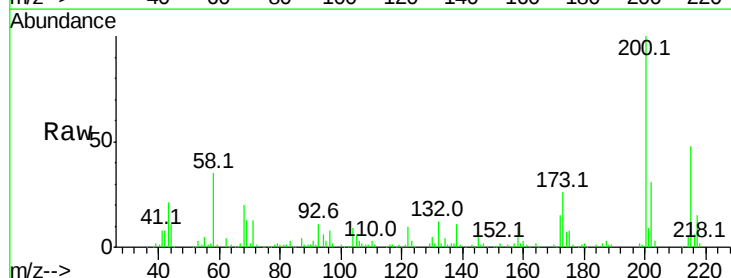
RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

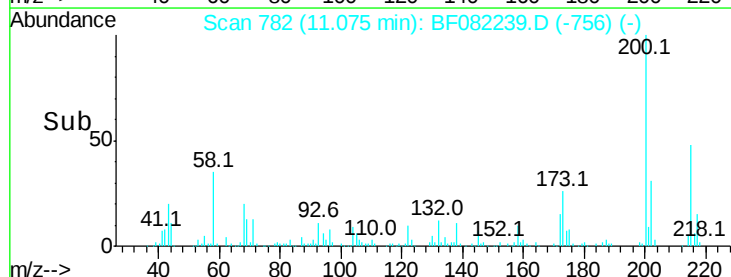
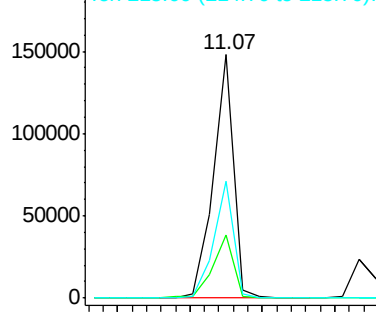
Lab File: BF082239.D

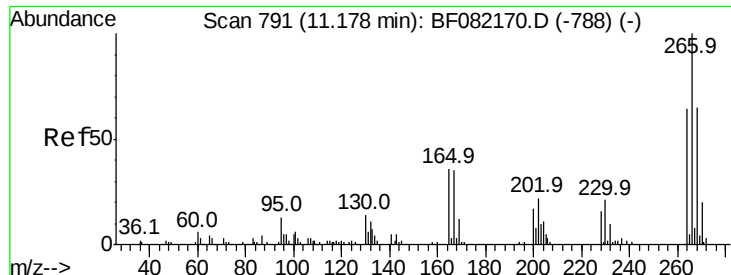
Acq: 13 Oct 2015 2:58

Tgt Ion:	200	Resp:	142352
Ion Ratio		Lower	Upper
200	100		
173	25.9	7.3	47.3
215	48.2	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





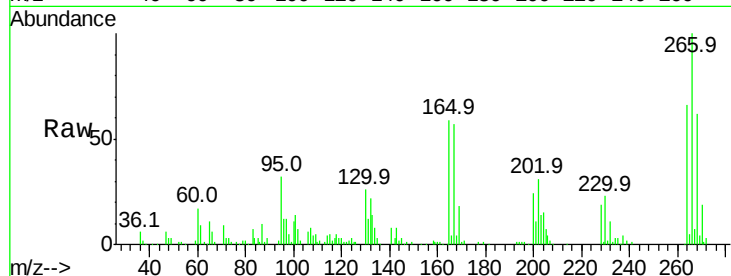
#69
 Pentachlorophenol
 Concen: 103.15 ng
 RT: 11.17 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

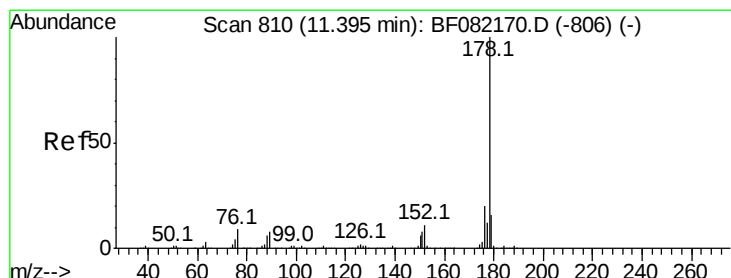
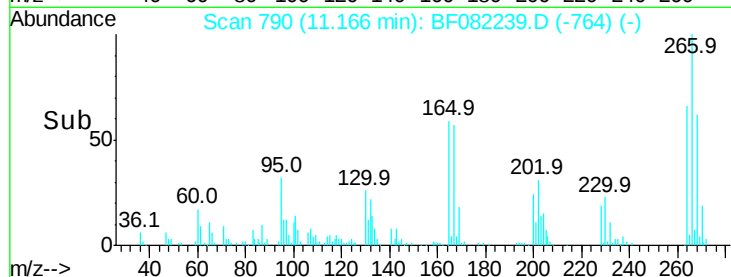
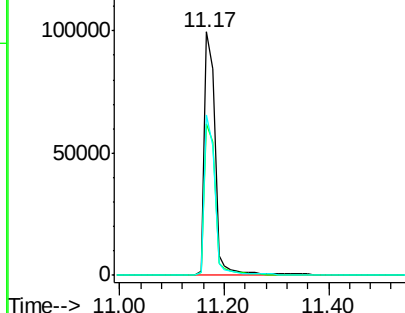
Tot Ion	Ratio	Resp	Lower	Upper
266	100	145756		
268	62.0	52.0	78.0	
264	66.1	51.4	77.0	

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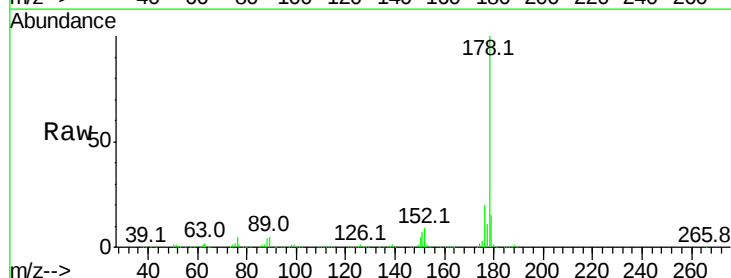


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

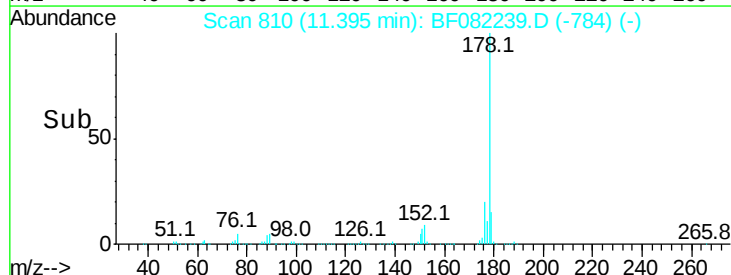
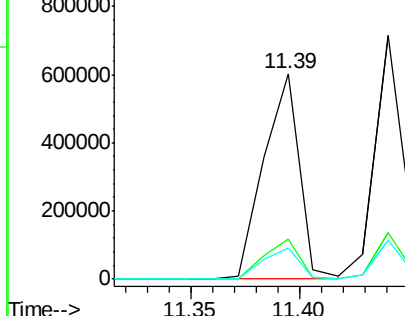


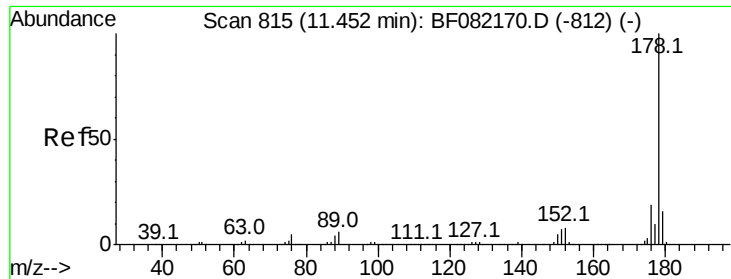
#70
 Phenanthrene
 Concen: 55.58 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	691214		
176	19.5	16.0	24.0	
179	15.1	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





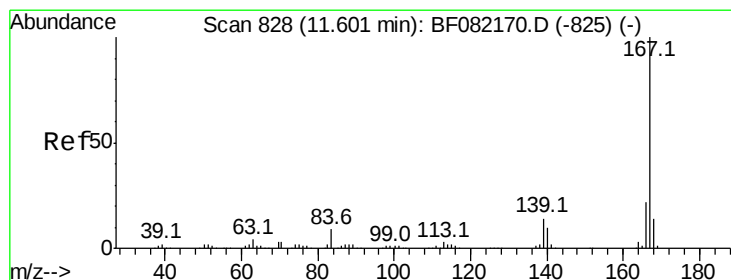
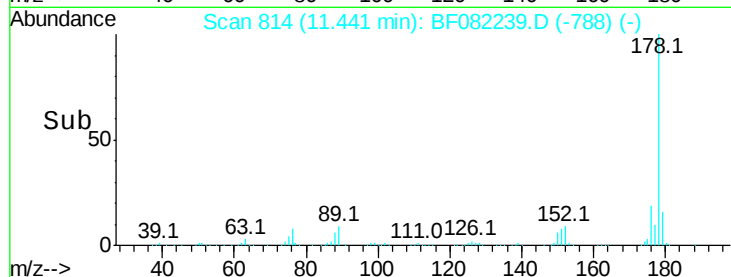
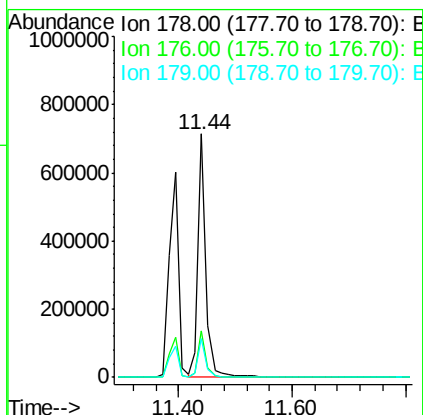
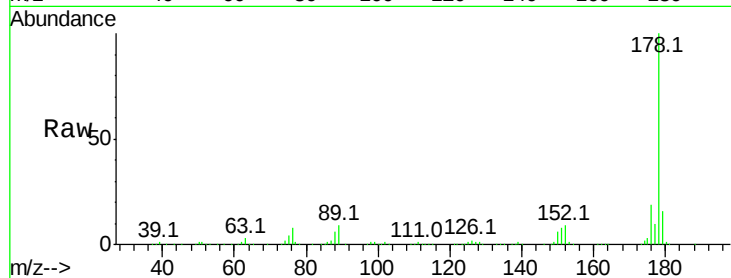
#71
 Anthracene
 Concen: 53.96 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.0	12.5	18.7

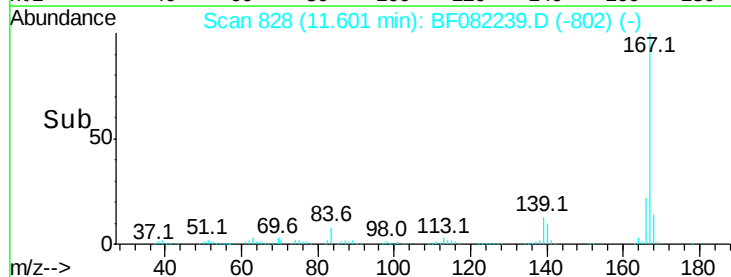
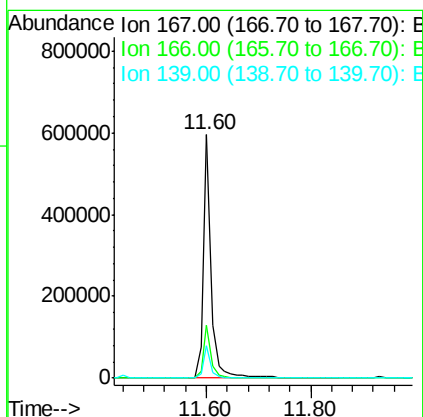
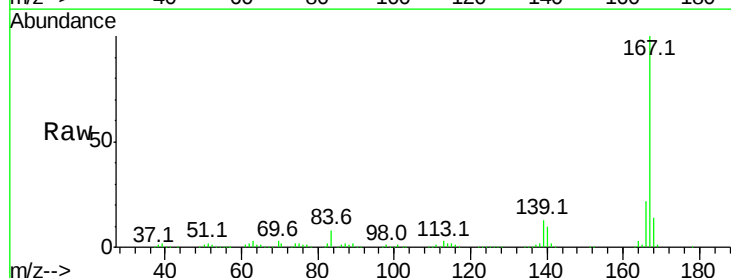
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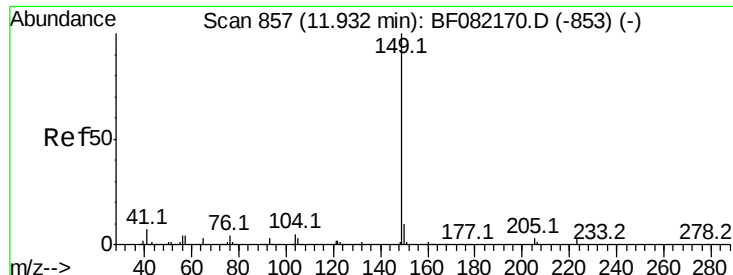
MMdadoda
 10/13/2015 1:25:10 PM



#72
 Carbazole
 Concen: 53.42 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 52.69 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

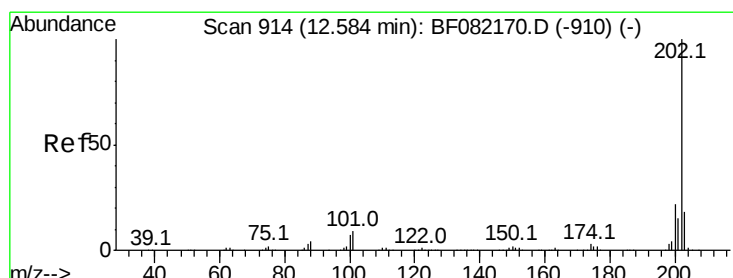
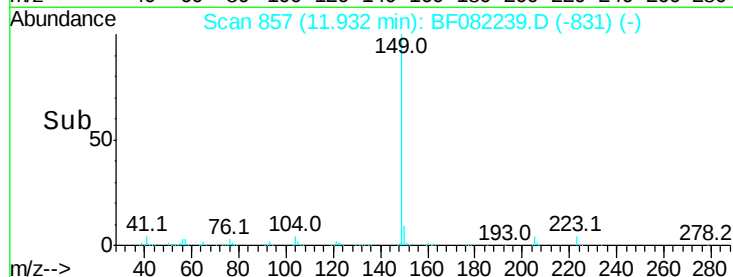
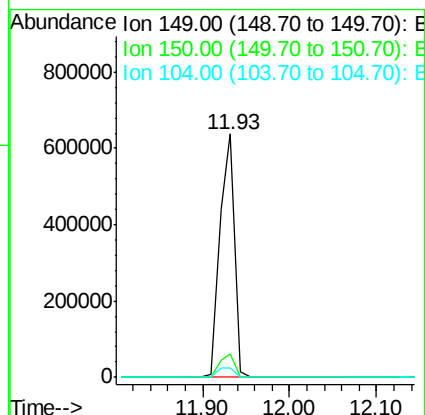
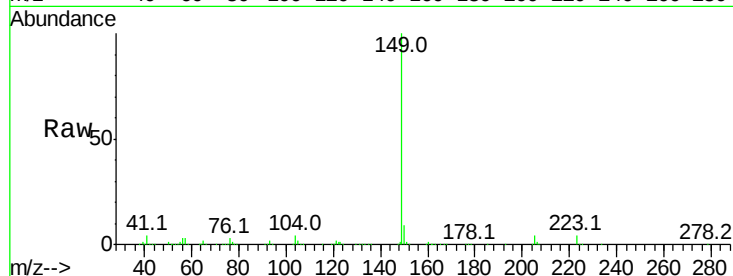
ClientSampleId :

TE-PMW(40)MSD

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MMdadoda
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Tot Ion:	149	Resp:	759846
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	3.7	3.8	5.8#



#74

Fluoranthene

Concen: 56.34 ng

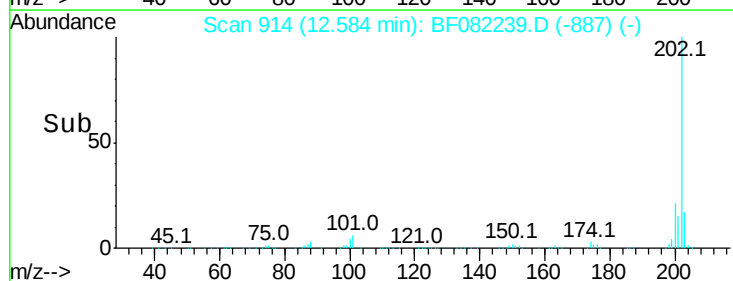
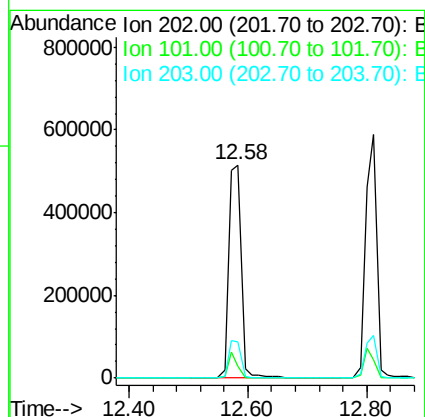
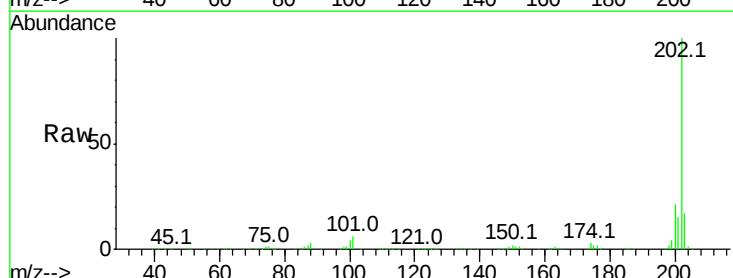
RT: 12.58 min Scan# 914

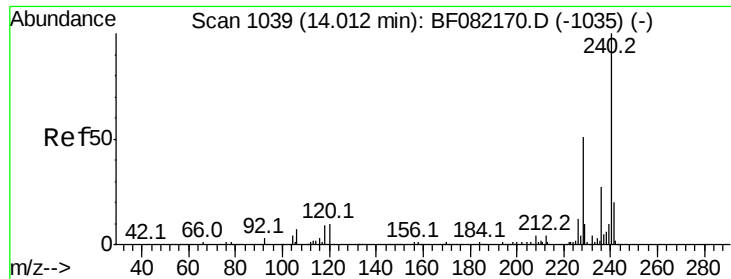
Delta R.T. 0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	202	Resp:	752517
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	29.3
203	17.3	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: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

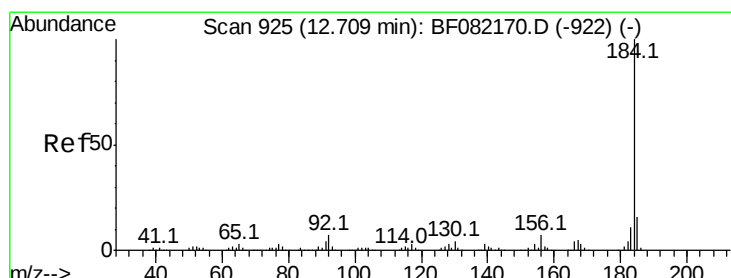
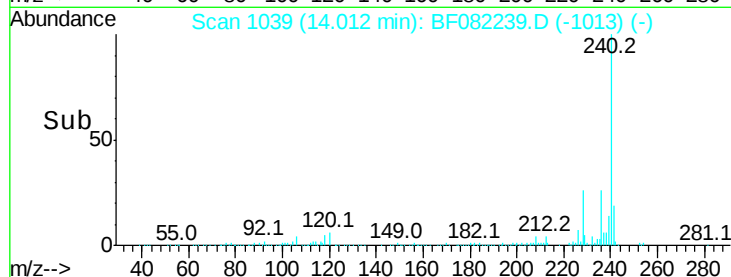
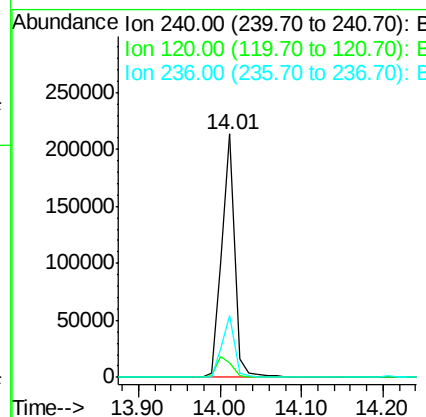
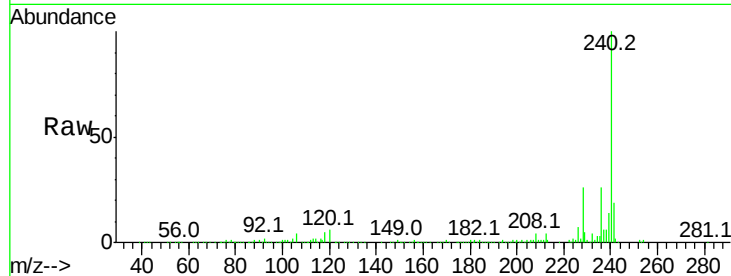
ClientSampleId :

TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	237716		
120	6.1	8.1	12.1#	
236	25.6	21.3	31.9	

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#76

Benzidine

Concen: 25.49 ng

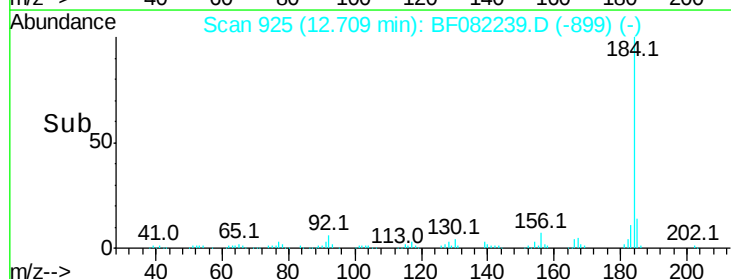
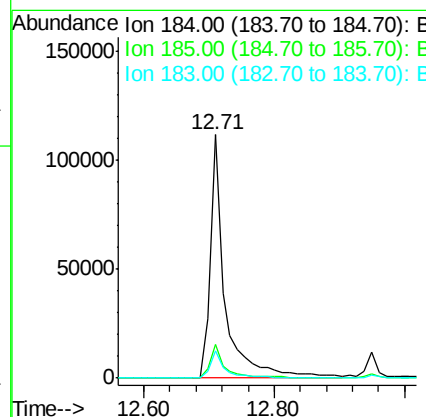
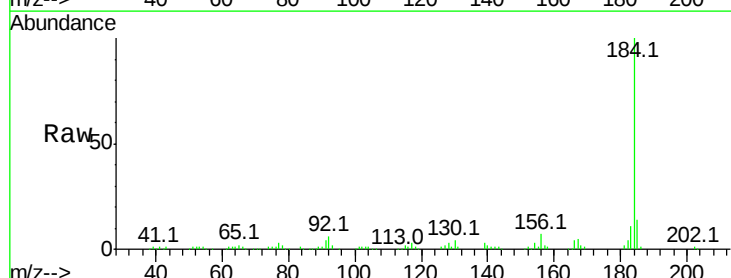
RT: 12.71 min Scan# 925

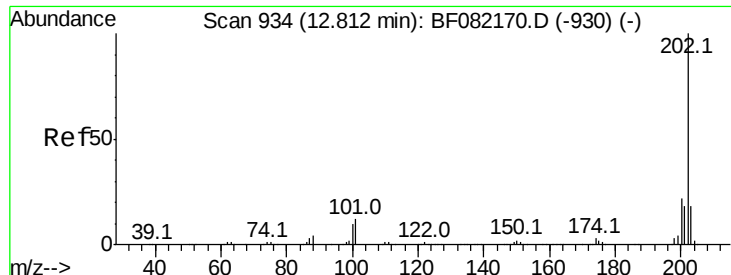
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	175628		
185	14.1	12.5	18.7	
183	11.2	9.1	13.7	





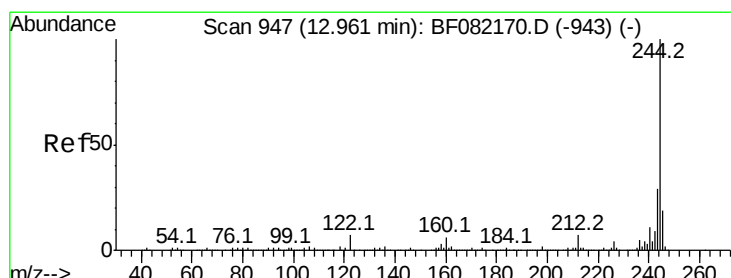
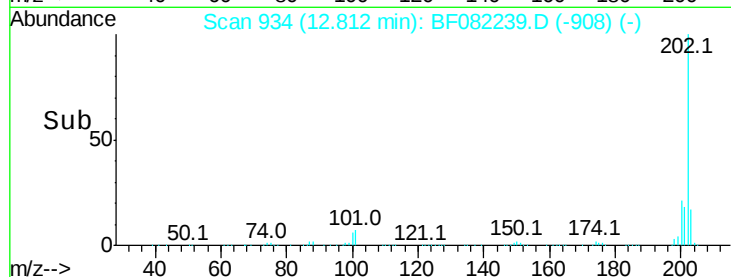
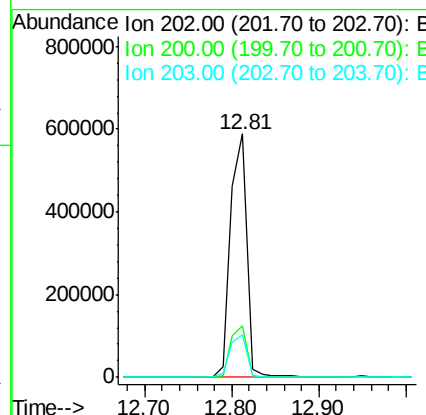
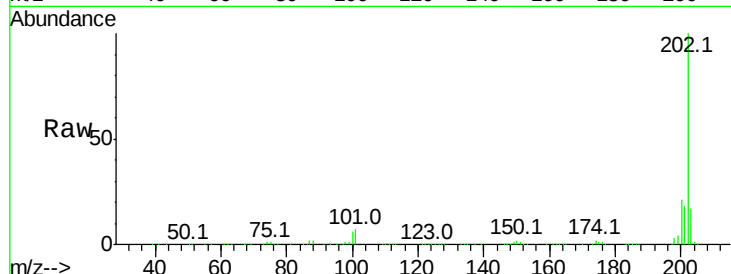
#77
Pvrene
Concen: 54.01 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.9	26.9
203	17.5	14.5	21.7

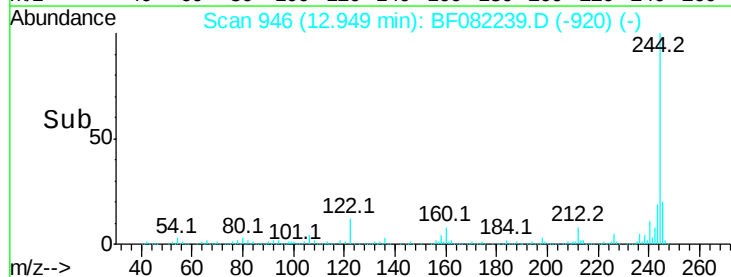
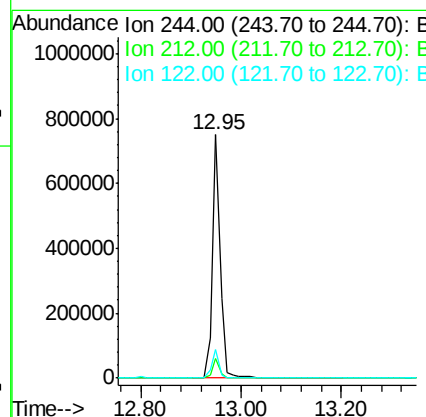
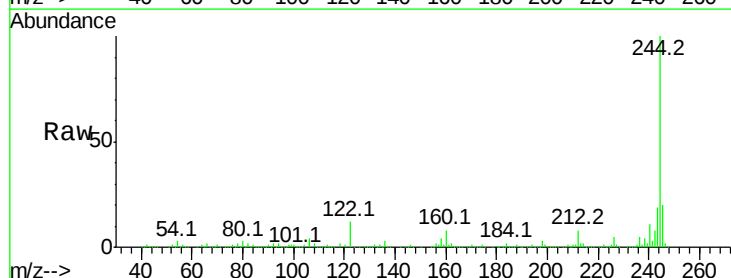
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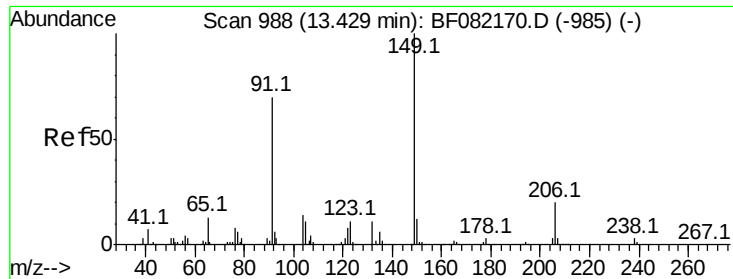
MMdadoda
10/13/2015 1:25:10 PM



#78
Terphenyl-d14
Concen: 90.27 ng
RT: 12.95 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	5.8	8.6
122	11.7	5.9	8.9#





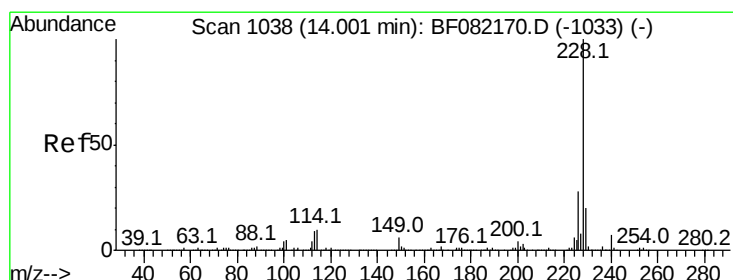
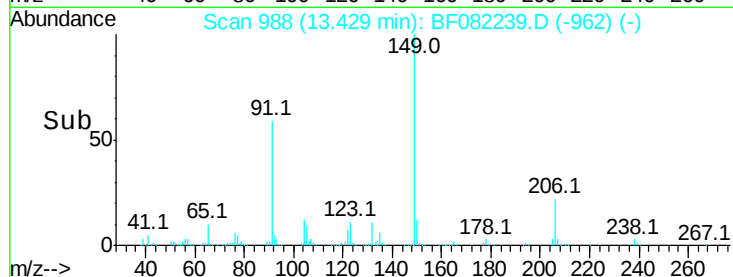
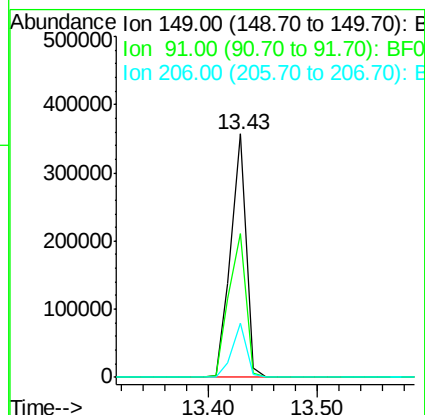
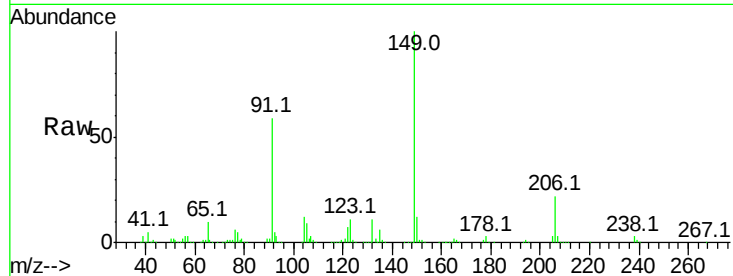
#79
Butylbenzylphthalate
Concen: 54.96 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	353833		
91	59.0		55.7	83.5
206	22.0		15.6	23.4

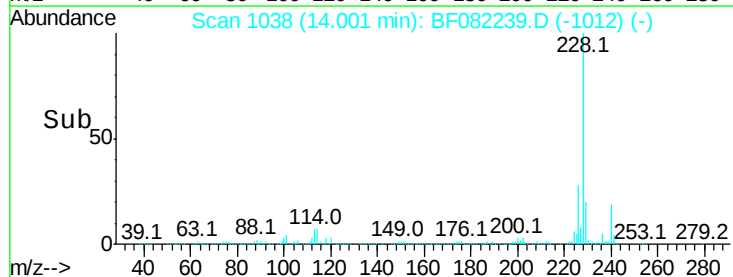
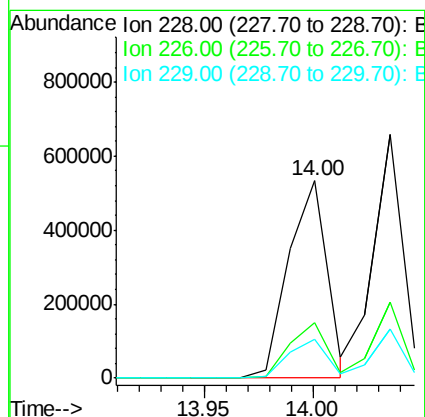
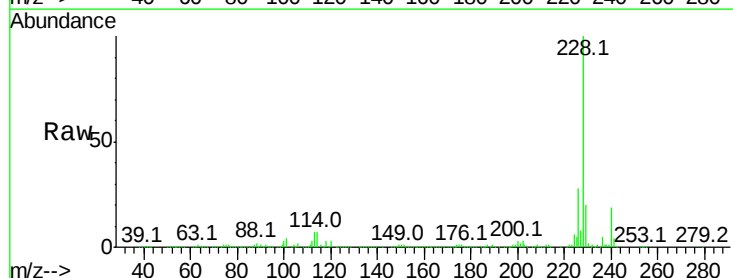
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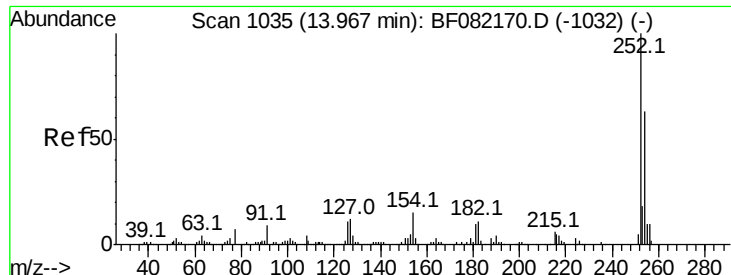
MMdadoda
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#80
Benzo(a)anthracene
Concen: 53.20 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	657943		
226	28.0		22.3	33.5
229	19.5		16.2	24.2





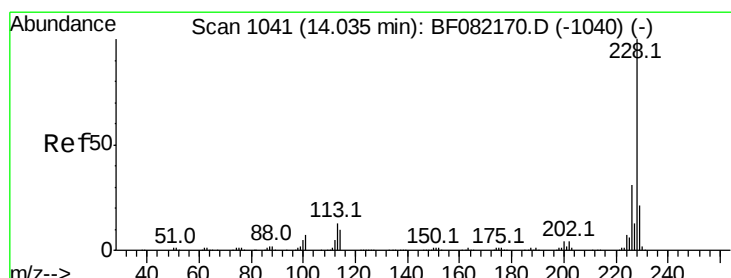
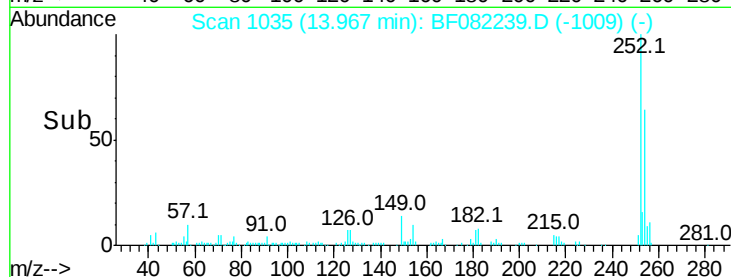
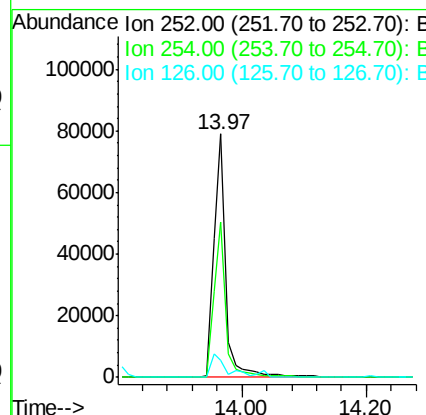
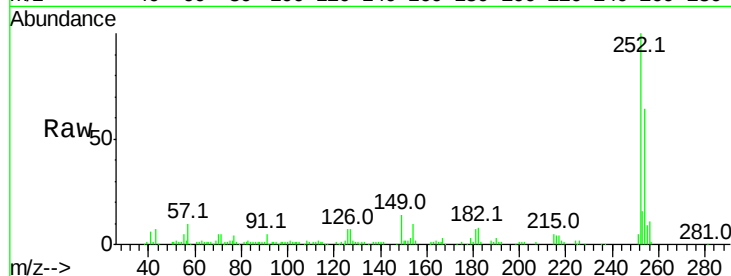
#81
 3,3'-Dichlorobenzidine
 Concen: 22.18 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.7	76.1
126	7.0	9.0	13.6

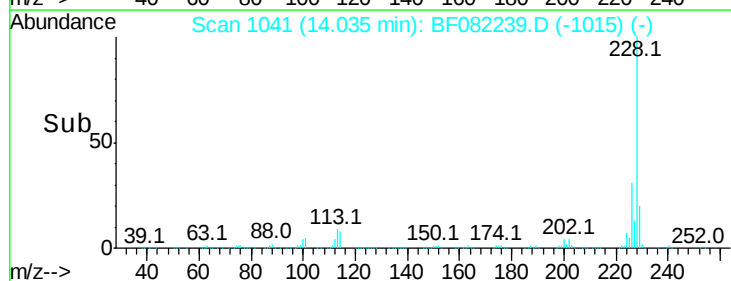
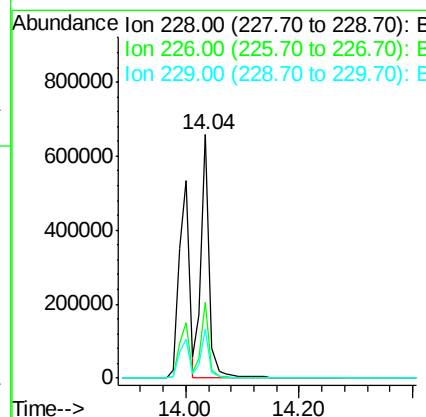
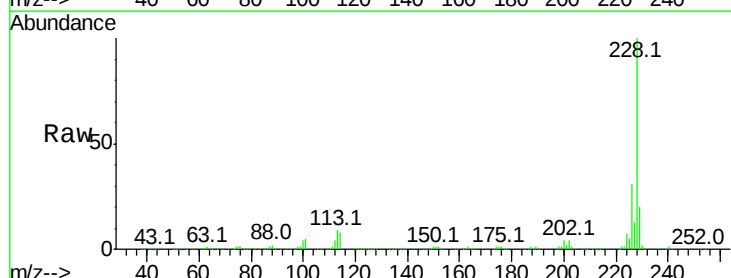
Manual Integrations
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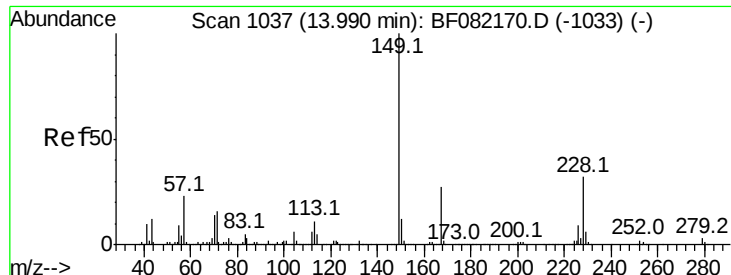
MMdadoda
 10/13/2015 1:25:10 PM



#82
 Chrysene
 Concen: 51.18 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	19.9	16.3	24.5





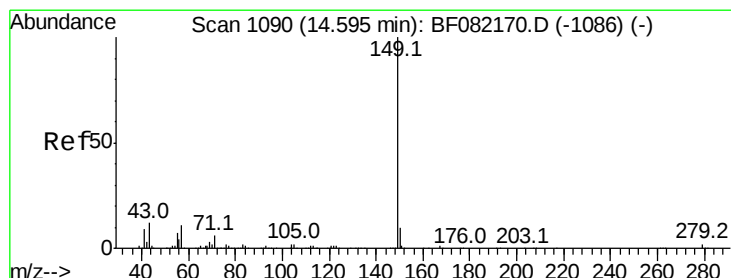
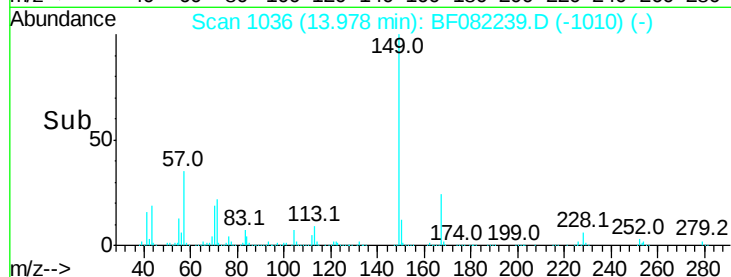
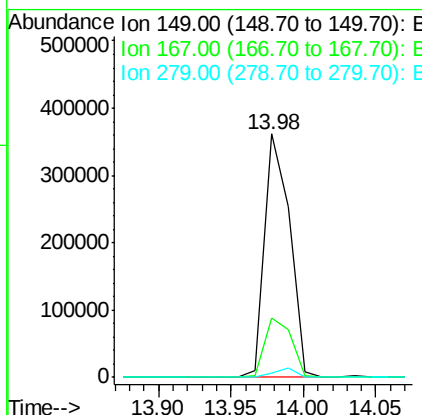
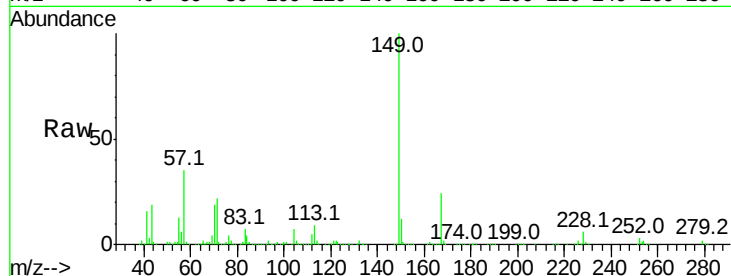
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.67 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.3	21.3	31.9	
279	1.8	2.6	4.0	

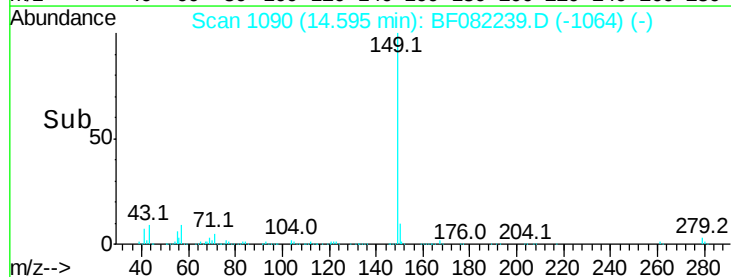
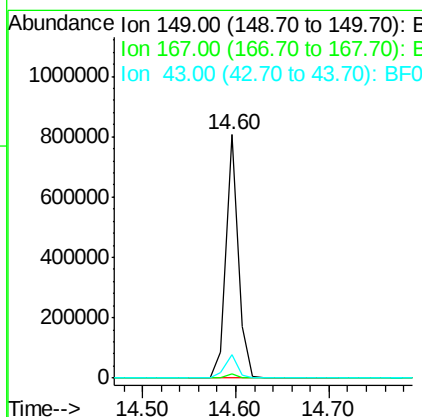
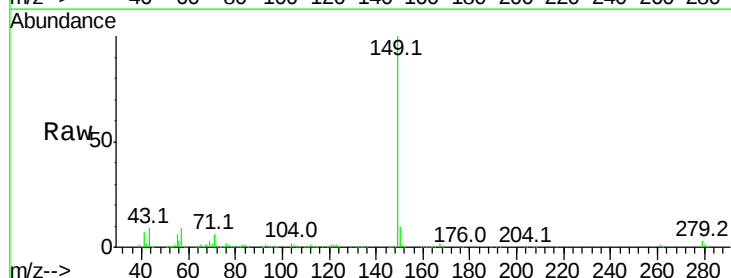
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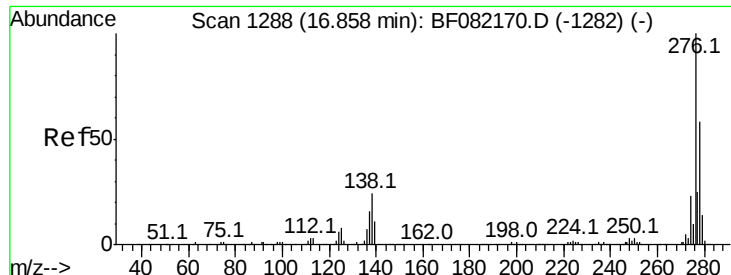
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 46.79 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	9.4	7.4	11.2	





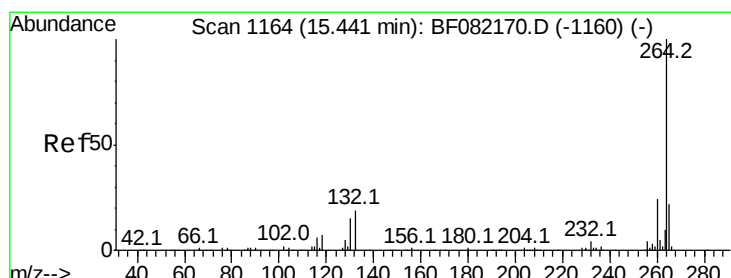
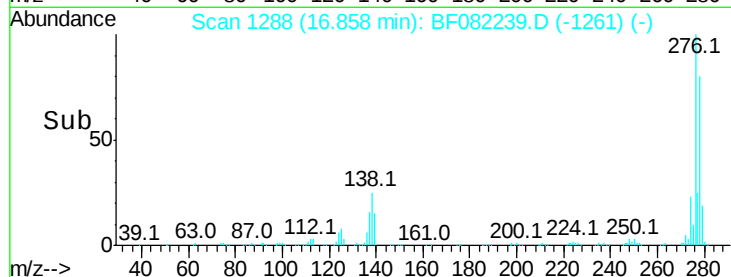
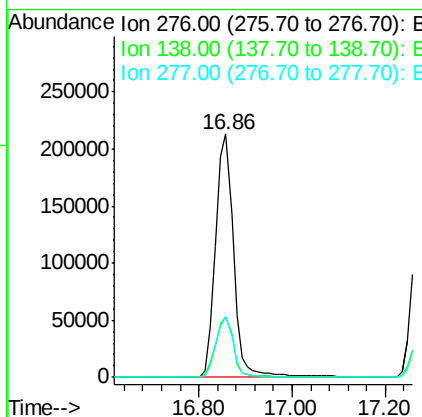
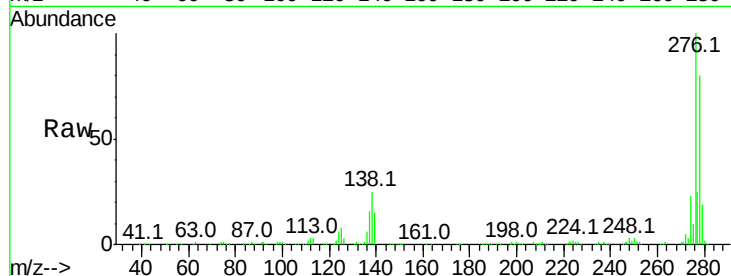
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.13 ng
RT: 16.86 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.8	20.1	30.1

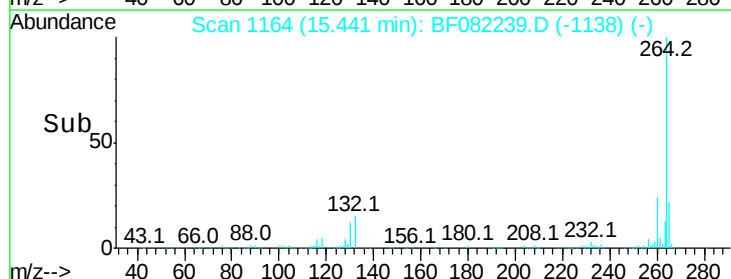
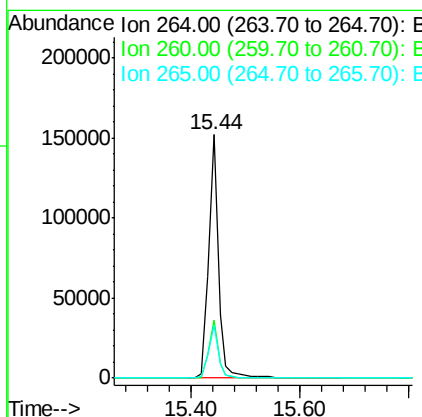
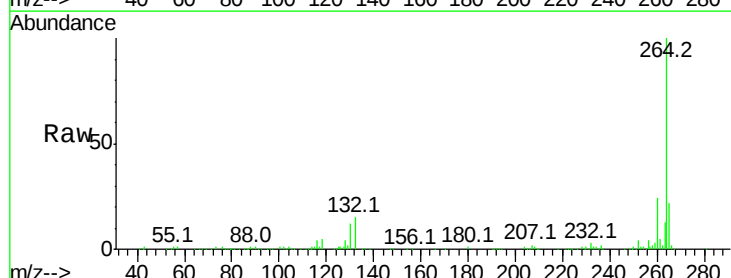
Manual Integrations
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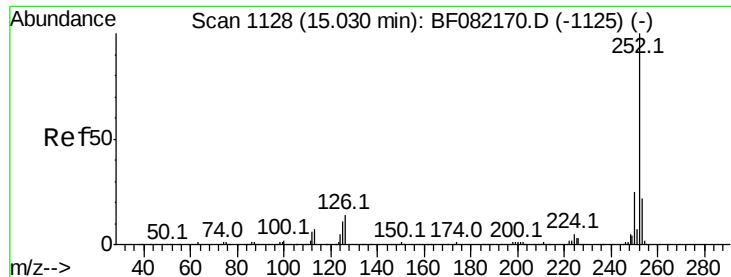
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.31 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

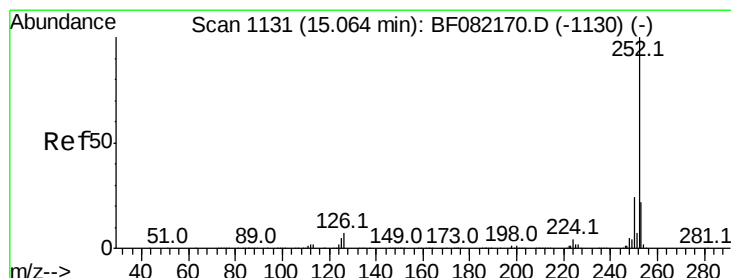
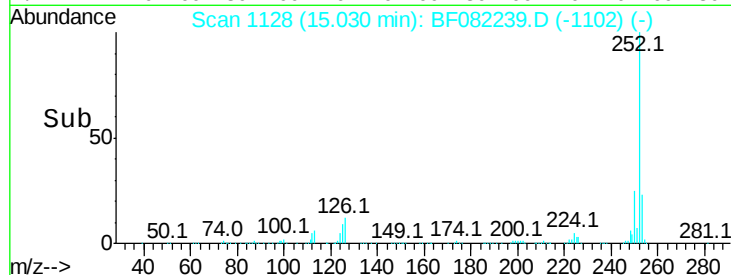
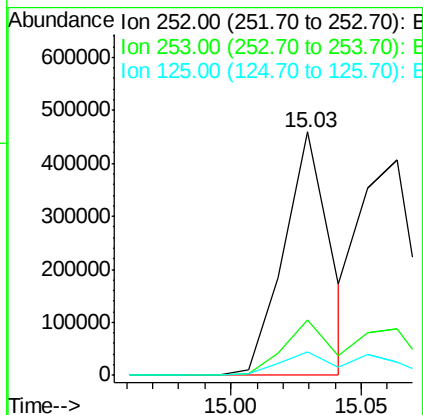
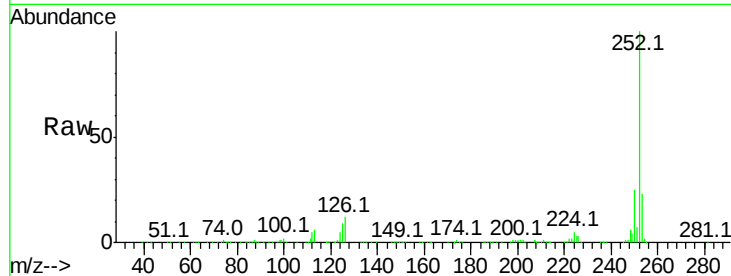
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	252	Resp:	566216
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	9.4	8.6	12.8

Manual Integrations
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MMdadoda
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#88

Benzo(k)fluoranthene

Concen: 60.17 ng m

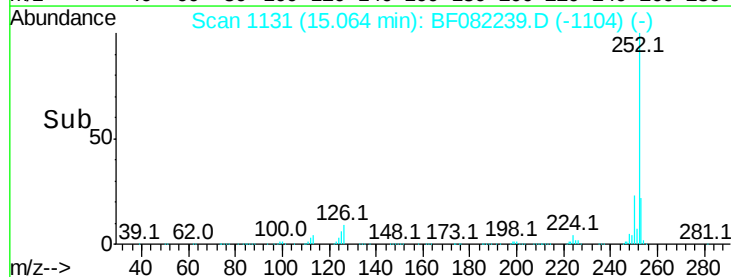
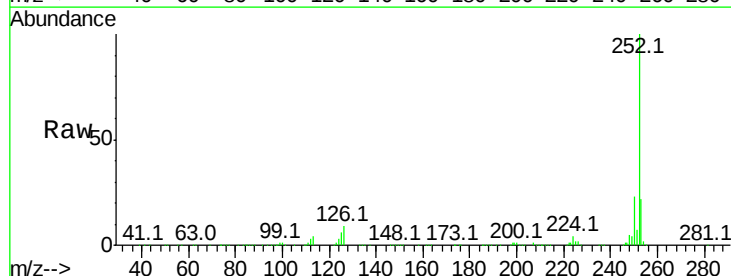
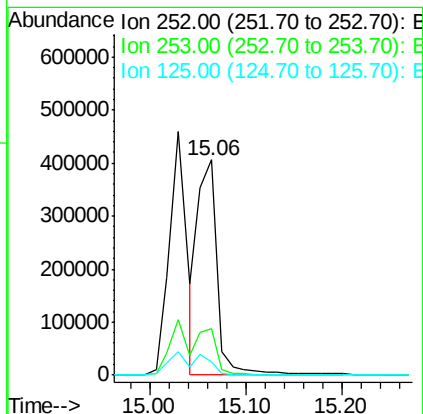
RT: 15.06 min Scan# 1131

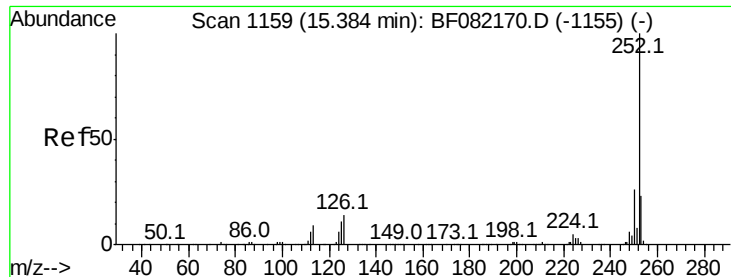
Delta R.T. 0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	252	Resp:	592720
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	5.9	6.7	10.1#





#89

Benzo(a)pyrene

Concen: 52.91 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

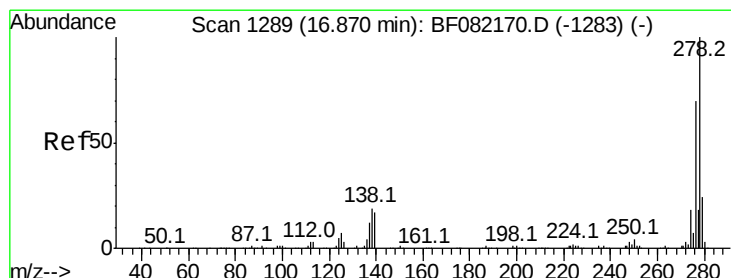
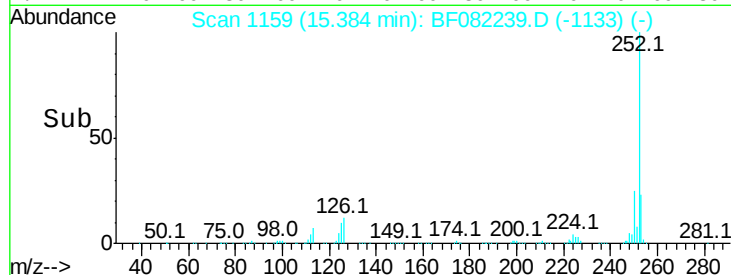
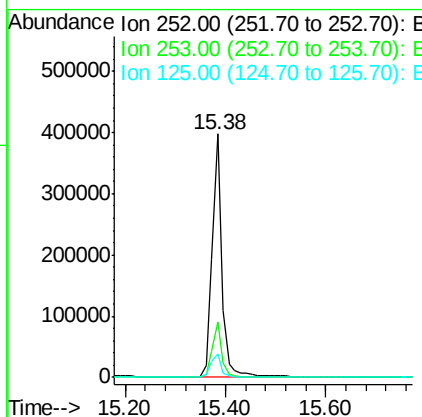
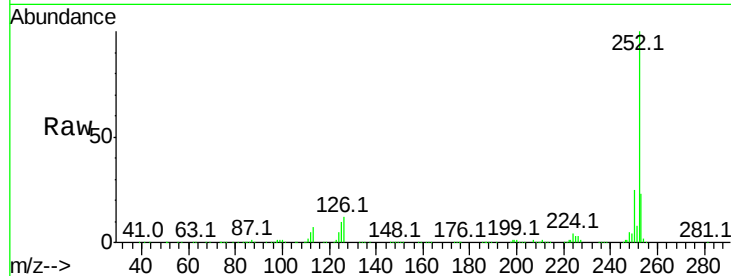
ClientSampleId :

TE-PMW(40)MSD

Tot Ion:	252	Resp:	532945
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	9.6	8.9	13.3

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 57.46 ng

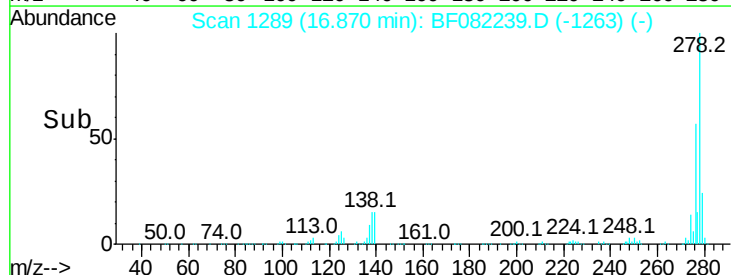
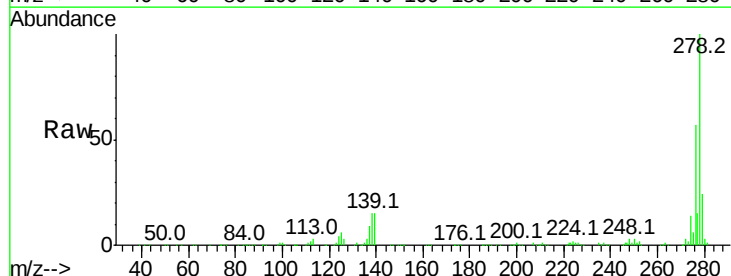
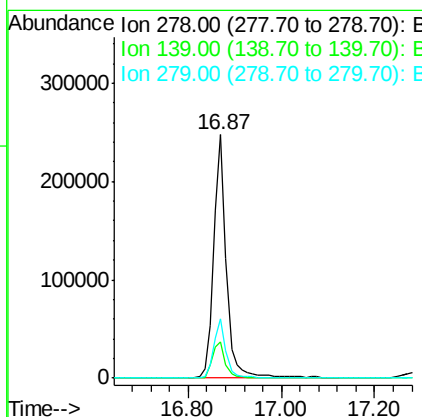
RT: 16.87 min Scan# 1289

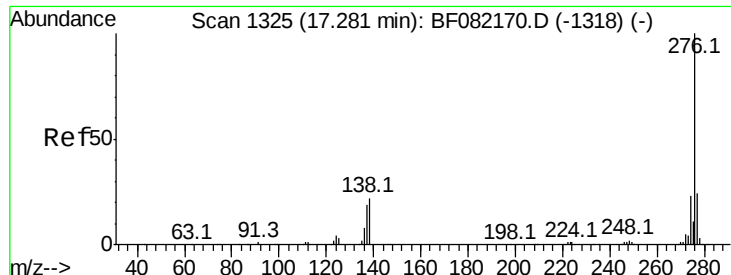
Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:	278	Resp:	474299
Ion Ratio	Lower	Upper	
278	100		
139	15.2	13.3	19.9
279	24.3	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 60.36 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.2	17.4	26.2

Manual Integrations
 APPROVED

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