

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082028.D
 Acq On : 3 Oct 2015 18:27
 Operator : UM/IZ
 Sample : G3827-04MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:40 PM

Quant Time: Oct 05 17:37:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	94581	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	386276	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	190159	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	398655	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	338671	20.00	ng	-0.03
86) Perylene-d12	15.53	264	275556	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	683751	131.23	ng	-0.03
7) Phenol-d6	6.53	99	885875	135.12	ng	-0.03
23) Nitrobenzene-d5	7.46	82	542062	93.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	252310	131.01	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	998643	88.61	ng	-0.05
78) Terphenyl-d14	13.02	244	1022710	103.75	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	78656	34.71	ng	88
3) Pyridine	3.25	79	224555	38.07	ng	85
4) n-Nitrosodimethylamine	3.20	42	98975	36.94	ng	96
6) Aniline	6.55	93	201008	22.82	ng	# 86
8) 2-Chlorophenol	6.67	128	256687	44.61	ng	97
9) Benzaldehyde	6.43	77	53318	12.42	ng	# 81
10) Phenol	6.54	94	303887	41.32	ng	80
11) bis(2-Chloroethyl)ether	6.63	93	265973	46.63	ng	93
12) 1,3-Dichlorobenzene	6.82	146	263682m	38.80	ng	
13) 1,4-Dichlorobenzene	6.90	146	291337m	41.05	ng	
14) 1,2-Dichlorobenzene	7.06	146	264379	41.81	ng	98
15) Benzyl Alcohol	7.03	79	186060	39.31	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	341089	42.30	ng	83
17) 2-Methylphenol	7.14	107	213843	45.84	ng	# 86
18) Hexachloroethane	7.39	117	89938	40.48	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	164314	41.24	ng	# 78
20) 3+4-Methylphenols	7.29	107	257966	43.78	ng	# 67
22) Acetophenone	7.30	105	347103	43.95	ng	# 82
24) Nitrobenzene	7.47	77	259188	41.19	ng	# 68
25) Isophorone	7.71	82	487554	42.45	ng	# 92
26) 2-Nitrophenol	7.79	139	144143	47.72	ng	# 84
27) 2,4-Dimethylphenol	7.83	122	258274	48.61	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	296515	43.47	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	239402	46.47	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	243737	42.37	ng	97
31) Naphthalene	8.19	128	708692m	41.41	ng	
33) 4-Chloroaniline	8.25	127	127293	17.20	ng	# 96
34) Hexachlorobutadiene	8.31	225	138634	40.75	ng	97
35) Caprolactam	8.63	113	59416m	41.66	ng	
36) 4-Chloro-3-methylphenol	8.73	107	244253	48.48	ng	85
37) 2-Methylnaphthalene	8.89	142	515191	44.10	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	239547	41.03	ng	99
40) Hexachlorocyclopentadiene	9.04	237	222622	74.05	ng	96
42) 2,4,6-Trichlorophenol	9.17	196	164708	41.15	ng	98

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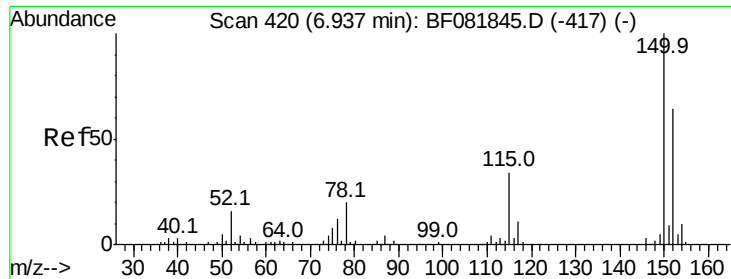
Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:27:40 PM

Quant Time: Oct 05 17:37:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	193454	47.00	nq	97
45) 1,1'-Biphenyl	9.36	154	639573	43.60	nq	94
46) 2-Chloronaphthalene	9.38	162	516040	44.80	nq	97
47) 2-Nitroaniline	9.49	65	155461	45.97	nq	93
48) Acenaphthylene	9.79	152	742513	40.27	nq	96
49) Dimethylphthalate	9.67	163	909566	69.30	nq	# 98
50) 2,6-Dinitrotoluene	9.73	165	132430	46.47	nq	# 70
51) Acenaphthene	9.97	154	440458	40.23	nq	89
52) 3-Nitroaniline	9.90	138	107423	32.58	nq	# 78
53) 2,4-Dinitrophenol	10.00	184	10490	15.73	nq	# 12
54) Dibenzofuran	10.14	168	679931	43.94	nq	# 85
55) 4-Nitrophenol	10.06	139	186368	78.23	nq	# 48
56) 2,4-Dinitrotoluene	10.13	165	169545	46.67	nq	# 74
57) Fluorene	10.49	166	546969	49.65	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	158647m	48.59	nq	
59) Diethylphthalate	10.37	149	574872	46.89	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	265504	46.87	nq	94
61) 4-Nitroaniline	10.51	138	139536	42.21	nq	# 48
62) Azobenzene	10.64	77	568321	47.50	nq	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	52480	31.68	nq	83
65) n-Nitrosodiphenylamine	10.61	169	516046	42.78	nq	92
66) 4-Bromophenyl-phenylether	10.97	248	174574	43.43	nq	94
67) Hexachlorobenzene	11.03	284	164411	36.24	nq	# 85
68) Atrazine	11.13	200	163707	43.74	nq	83
69) Pentachlorophenol	11.23	266	179178	69.32	nq	97
70) Phenanthrene	11.45	178	807725	41.99	nq	96
71) Anthracene	11.51	178	898047	44.32	nq	98
72) Carbazole	11.66	167	786907	42.91	nq	95
73) Di-n-butylphthalate	11.99	149	844160	45.20	nq	# 98
74) Fluoranthene	12.64	202	860095	40.27	nq	91
76) Benzidine	12.78	184	300880	29.49	nq	97
77) Pyrene	12.87	202	863607	42.68	nq	96
79) Butylbenzylphthalate	13.50	149	386074	50.71	nq	94
80) Benzo(a)anthracene	14.07	228	722303	39.61	nq	96
81) 3,3'-Dichlorobenzidine	14.04	252	194934	31.65	nq	# 94
82) Chrysene	14.10	228	745907	49.27	nq	93
83) Bis(2-ethylhexyl)phthalate	14.06	149	508414	53.24	nq	# 94
84) Di-n-octyl phthalate	14.68	149	832979	53.60	nq	# 91
85) Indeno(1,2,3-cd)pyrene	17.00	276	680873	47.73	nq	# 87
87) Benzo(b)fluoranthene	15.11	252	779044m	49.52	nq	
88) Benzo(k)fluoranthene	15.14	252	496366m	34.42	nq	
89) Benzo(a)pyrene	15.48	252	618102	45.29	nq	# 87
90) Dibenzo(a,h)anthracene	17.02	278	571439	49.91	nq	# 80
91) Benzo(g,h,i)perylene	17.44	276	561435	47.85	nq	# 75

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



#1

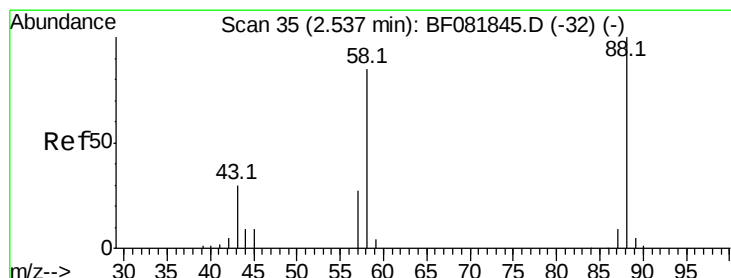
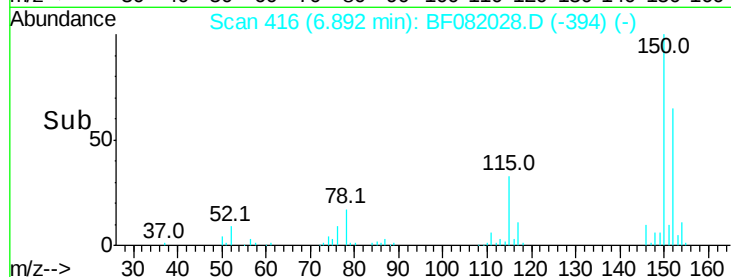
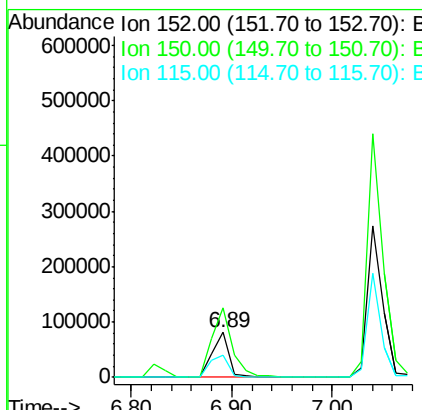
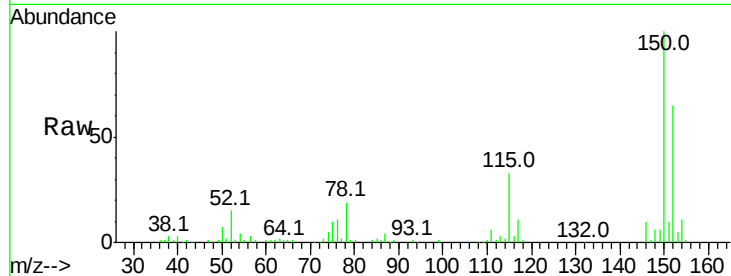
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.7	187.1
115	49.9	39.0	58.4

Manual Integrations
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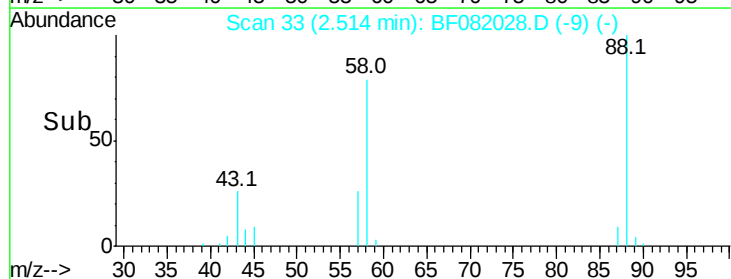
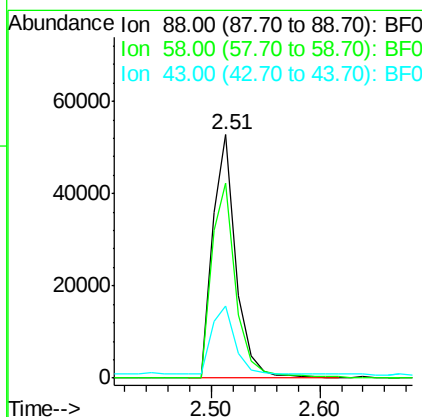
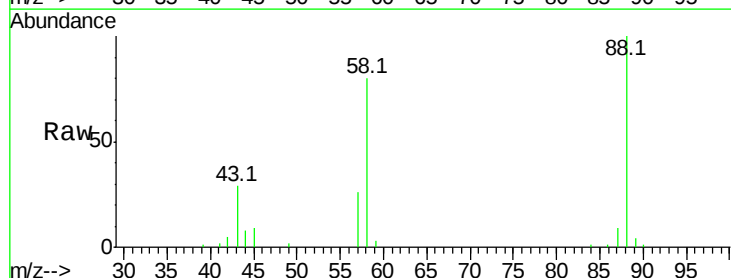
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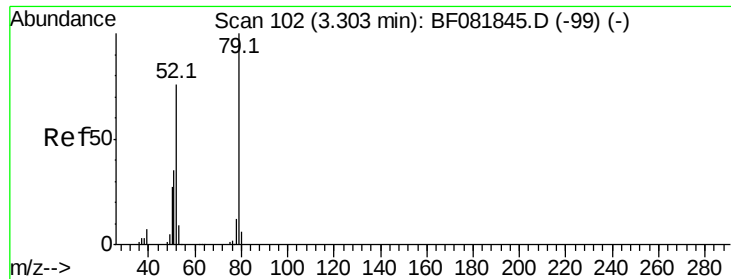


#2

1,4-Dioxane
Concen: 34.71 ng
RT: 2.51 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	77.7	116.5
43	28.4	26.6	40.0





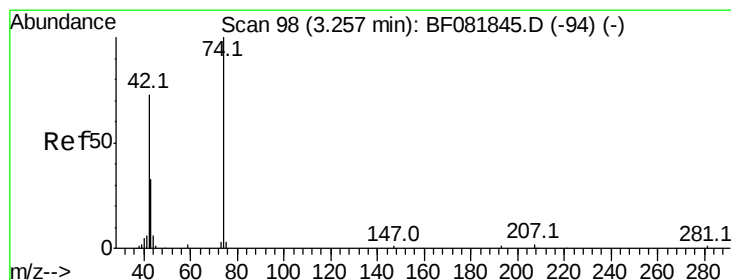
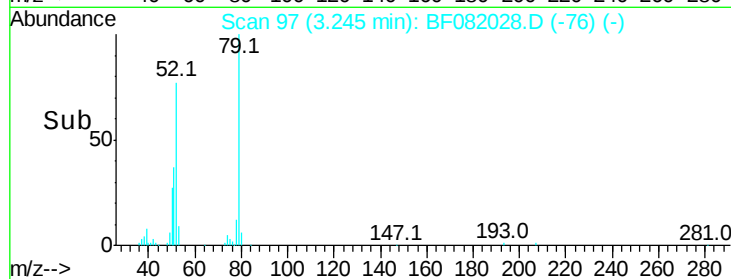
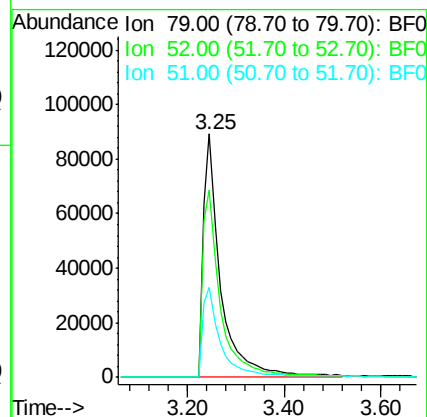
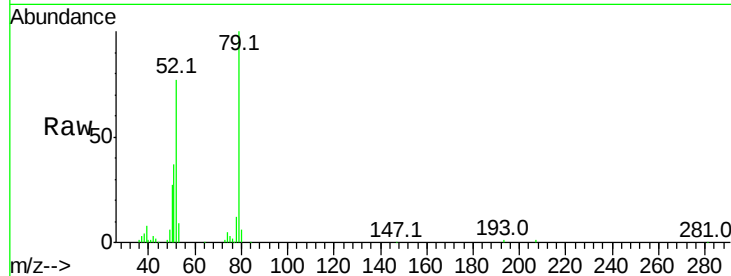
#3
 Pvridine
 Concen: 38.07 ng
 RT: 3.25 min Scan# 97
 Delta R.T. -0.06 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.0	76.8	115.2
51	37.2	32.2	48.4

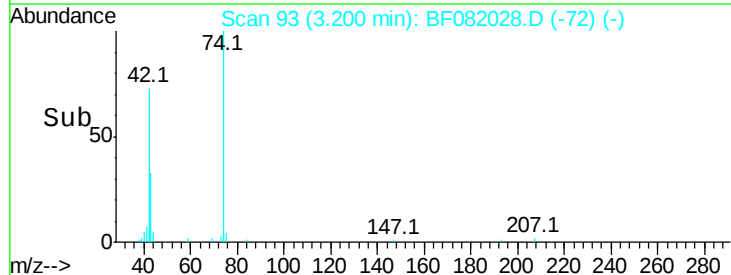
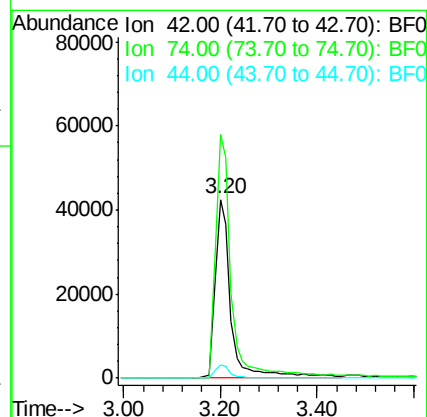
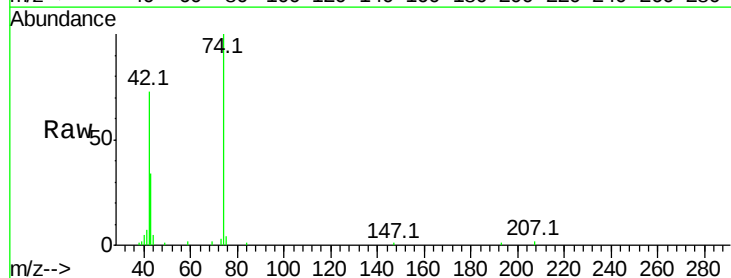
Manual Integrations
 APPROVED

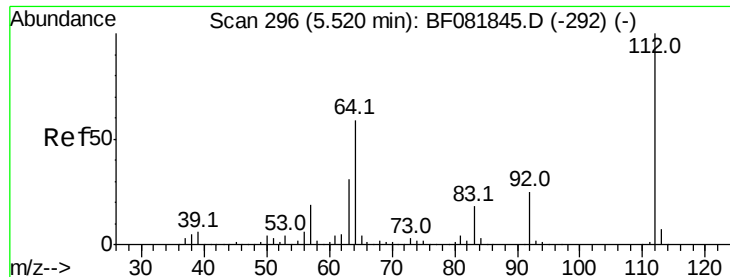
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#4
 n-Nitrosodimethylamine
 Concen: 36.94 ng
 RT: 3.20 min Scan# 93
 Delta R.T. -0.06 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.2	105.0	157.6
44	7.0	6.6	10.0





#5

2-Fluorophenol

Concen: 131.23 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

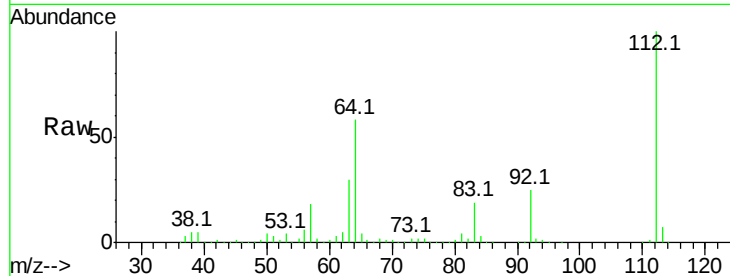
ClientSampleId :

MGP220BR-37-38MSD

Manual Integrations
APPROVED

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10/5/2015 6:27:40 PM

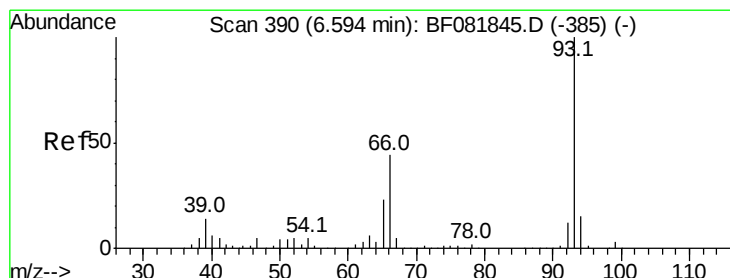
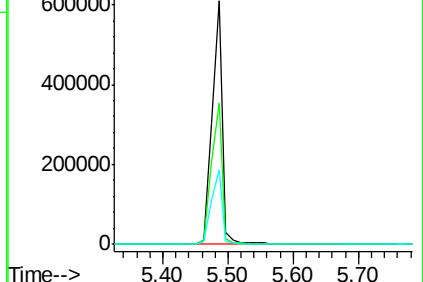
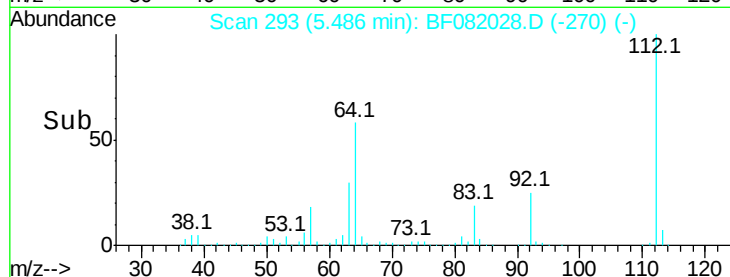
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		683751		
64	58.1	39.7	59.5		
63	30.4	17.4	26.0		



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.82 ng

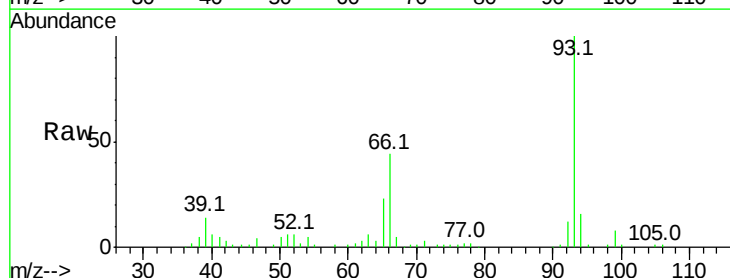
RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

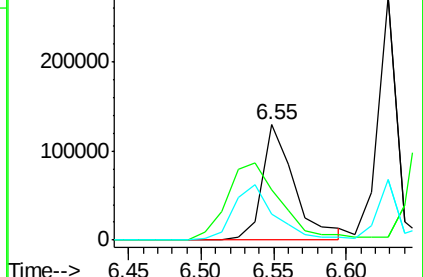
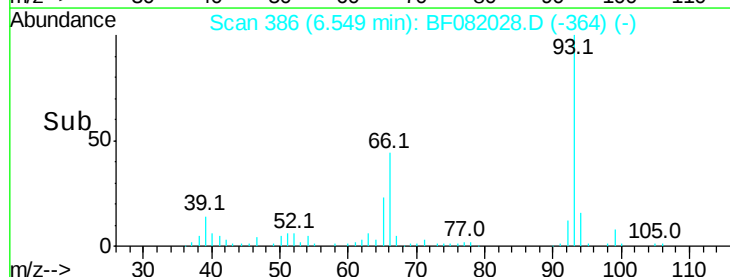
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		201008		
66	43.6	27.2	40.8		
65	22.5	14.7	22.1		

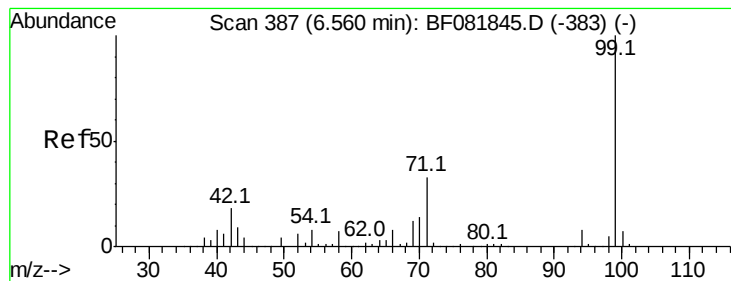


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.12 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

Tot Ion: 99 Resp: 885875

Ion Ratio Lower Upper

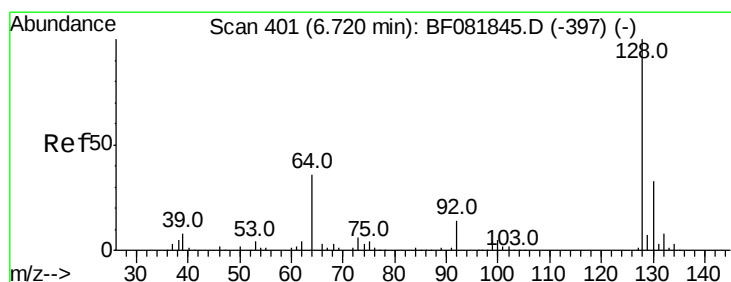
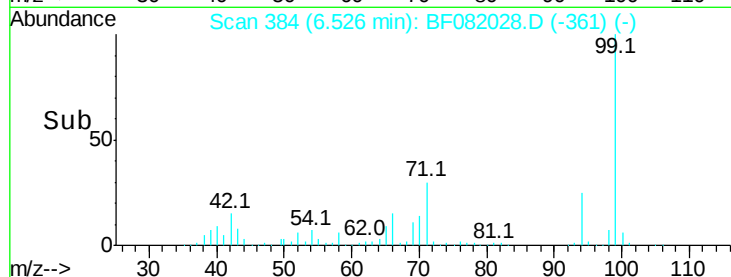
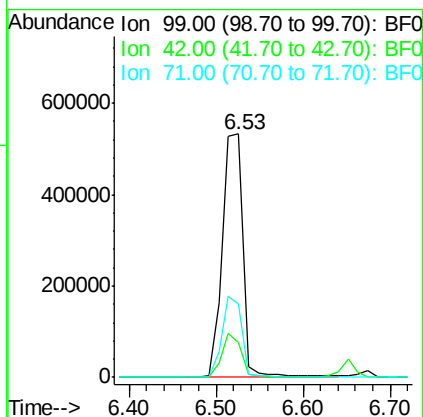
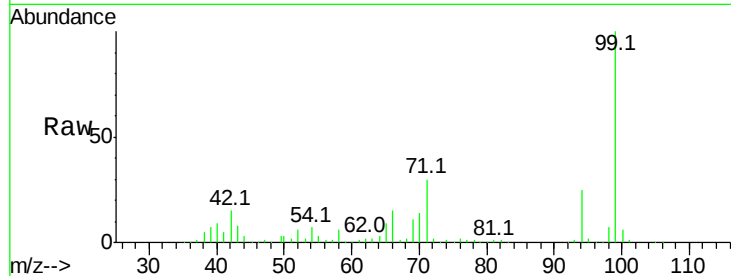
99 100

42 14.5 13.7 20.5

71 30.3 14.2 21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.61 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

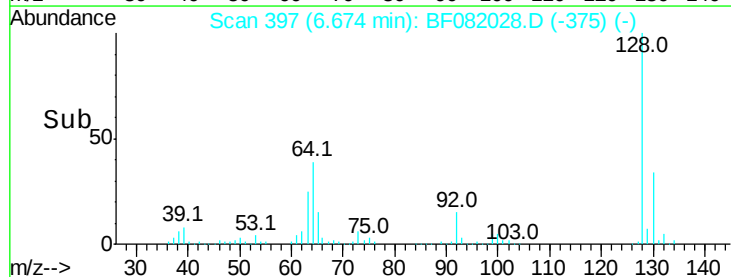
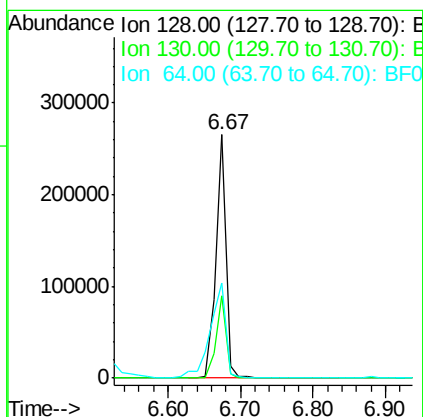
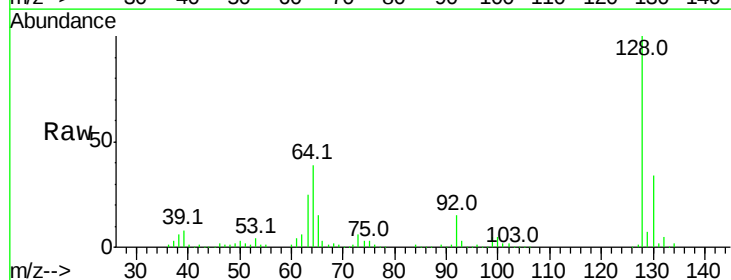
Tgt Ion:128 Resp: 256687

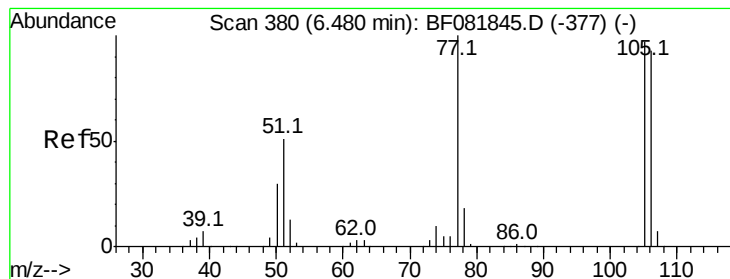
Ion Ratio Lower Upper

128 100

130 33.7 12.2 52.2

64 38.9 20.5 60.5





#9

Benzaldehyde

Concen: 12.42 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

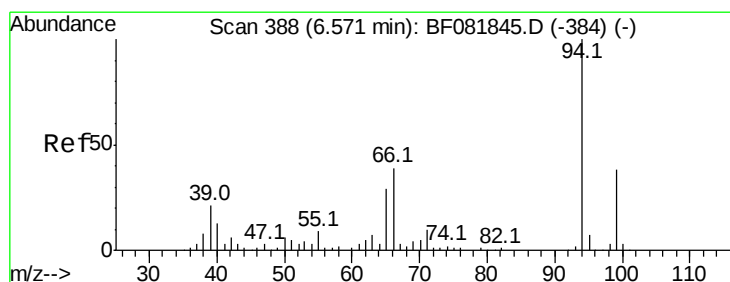
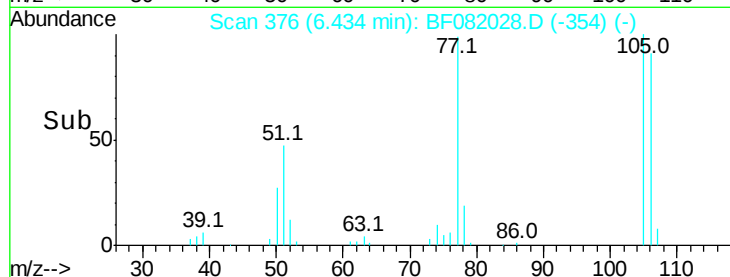
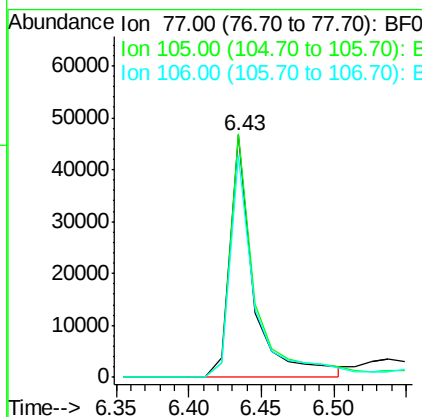
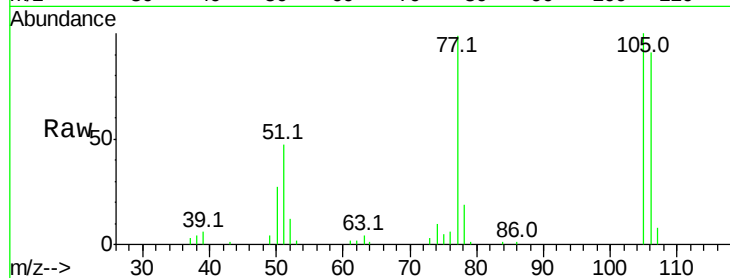
ClientSampleId :

MGP220BR-37-38MSD

Manual Integrations
APPROVED

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10/5/2015 6:27:40 PM

Tot Ion:	77	Resp:	53318
Ion	Ratio	Lower	Upper
77	100		
105	100.7	91.6	131.6
106	92.0	102.6	142.6#



#10

Phenol

Concen: 41.32 ng

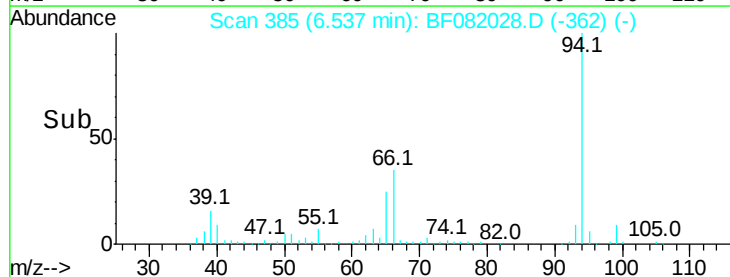
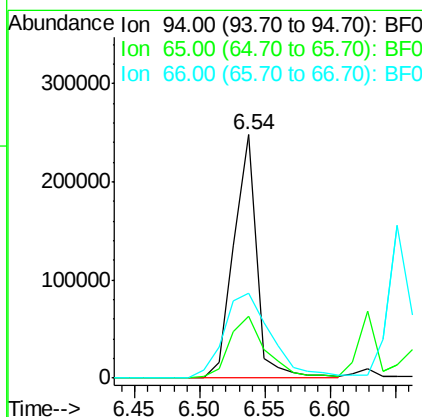
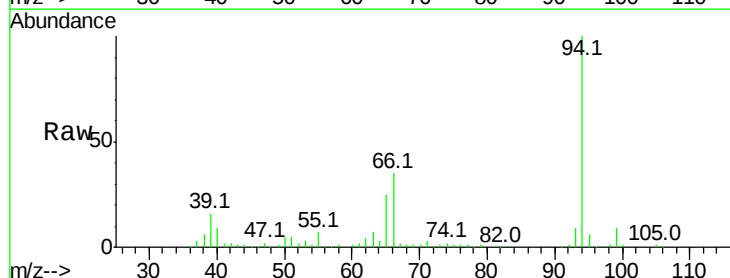
RT: 6.54 min Scan# 385

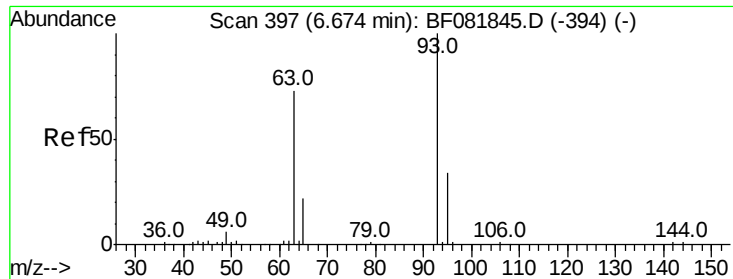
Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:	94	Resp:	303887
Ion	Ratio	Lower	Upper
94	100		
65	25.2	0.7	40.7
66	34.7	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 46.63 ng

RT: 6.63 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

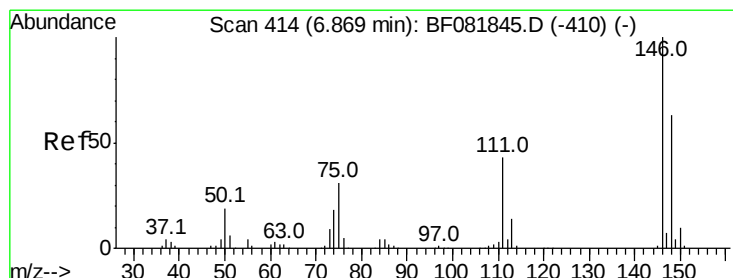
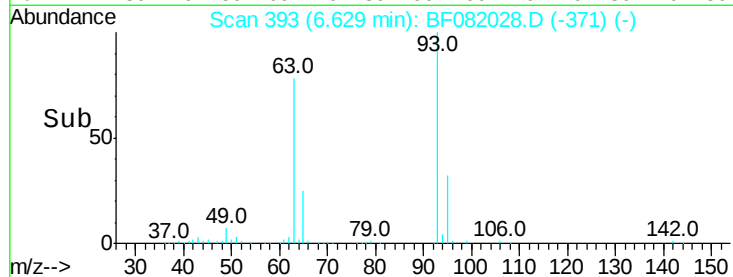
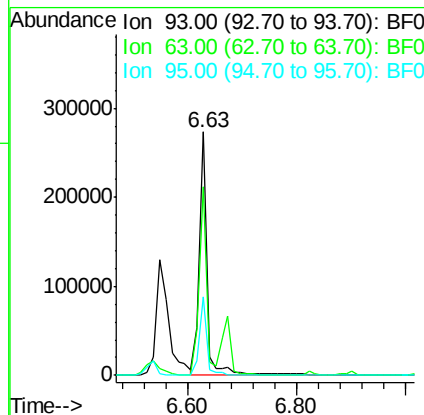
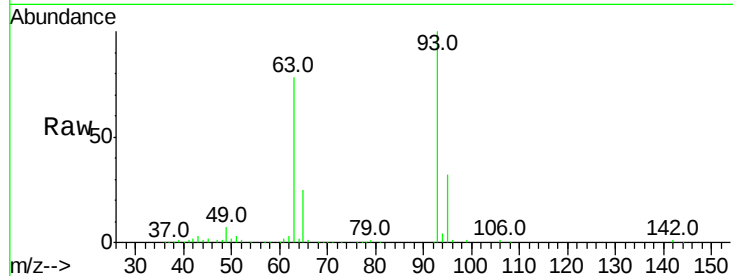
ClientSampleId :

MGP220BR-37-38MSD

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Tot Ion:	93	Resp:	265973
Ion Ratio	Lower	Upper	
93	100		
63	77.7	65.6	105.6
95	32.3	13.6	53.6



#12

1,3-Dichlorobenzene

Concen: 38.80 ng m

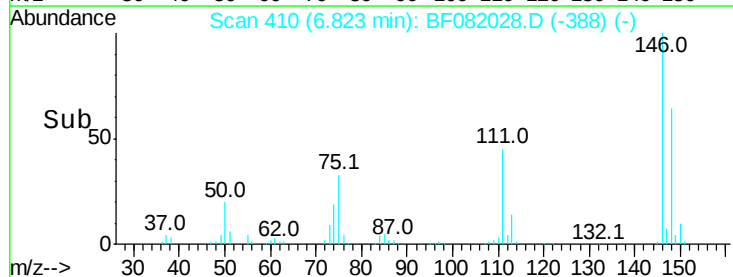
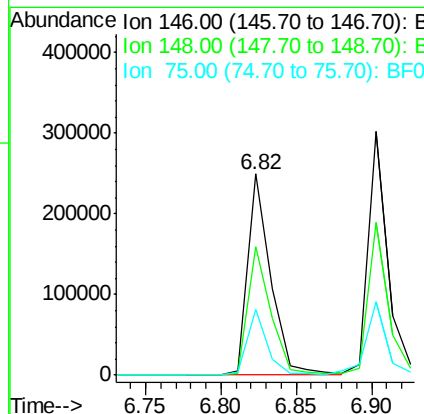
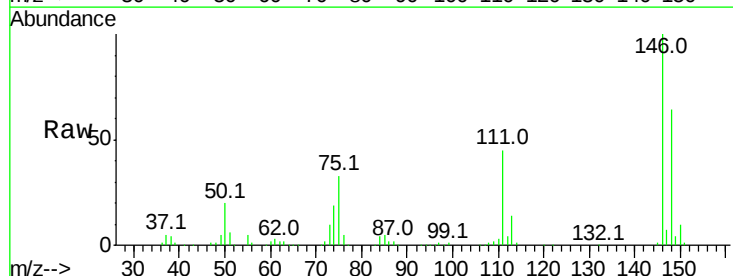
RT: 6.82 min Scan# 410

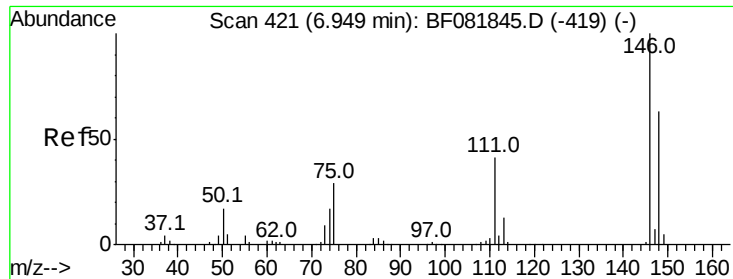
Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:	146	Resp:	263682
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.4
75	32.9	15.0	22.6#





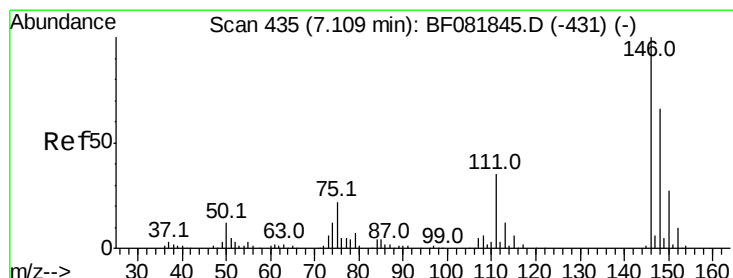
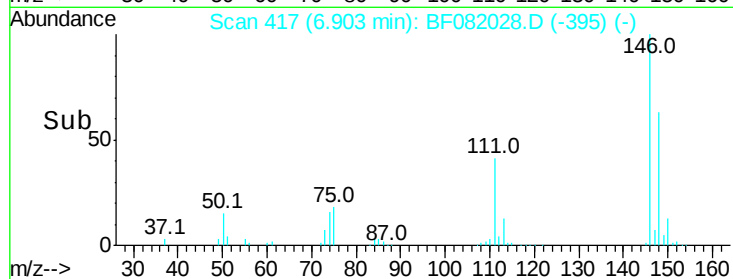
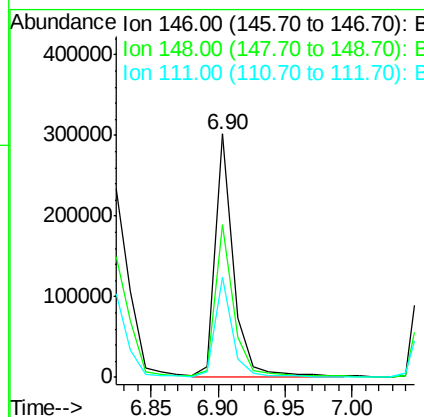
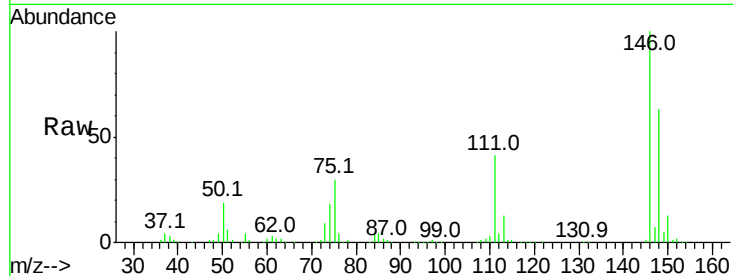
#13
1,4-Dichlorobenzene
Concen: 41.05 ng m
RT: 6.90 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
111	41.0	24.9	37.3

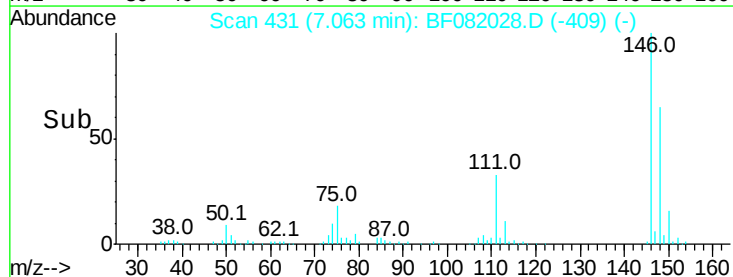
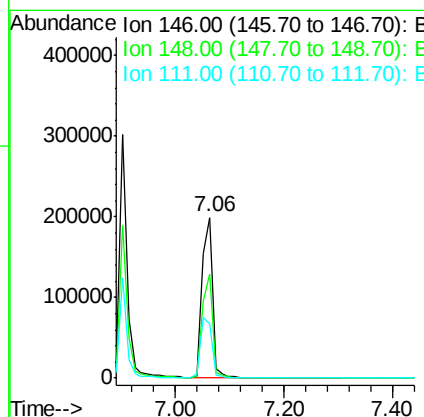
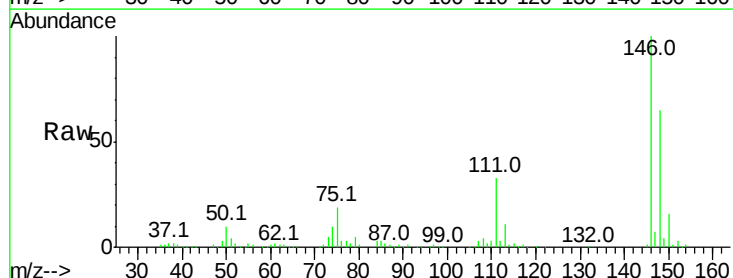
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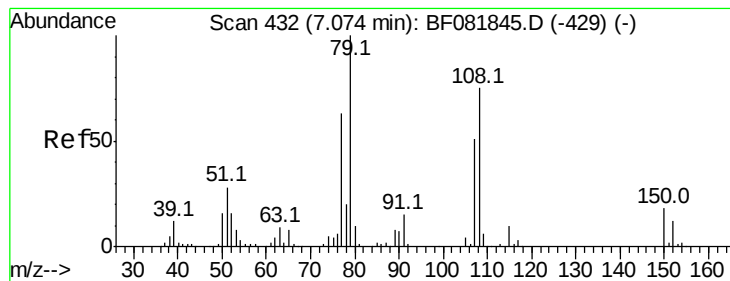
MMDADODA
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#14
1,2-Dichlorobenzene
Concen: 41.81 ng
RT: 7.06 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.7	79.1
111	33.4	28.8	43.2





#15

Benzyl Alcohol

Concen: 39.31 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD

Tot Ion: 79 Resp: 186060

Ion Ratio Lower Upper

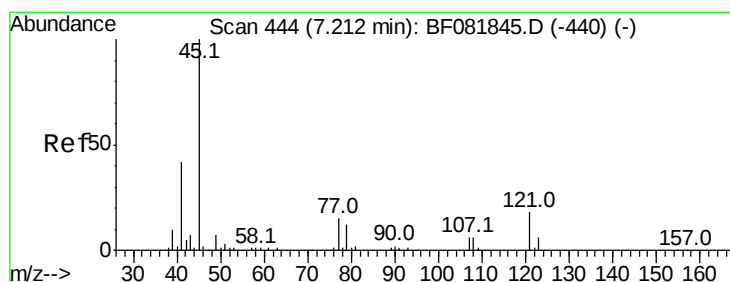
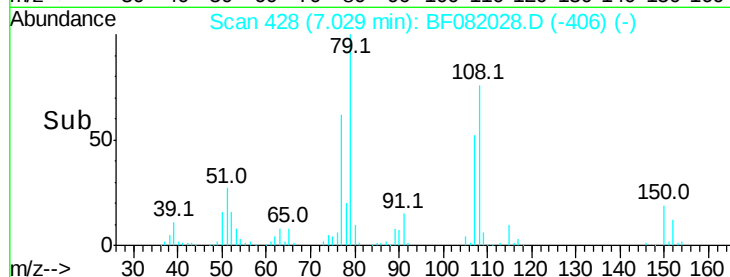
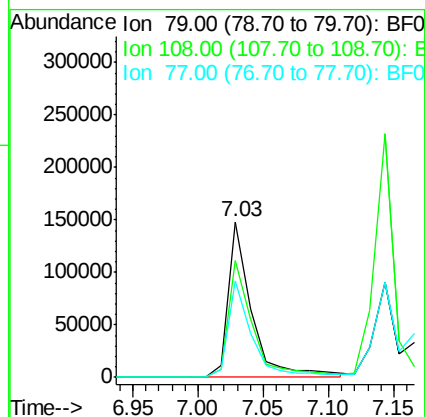
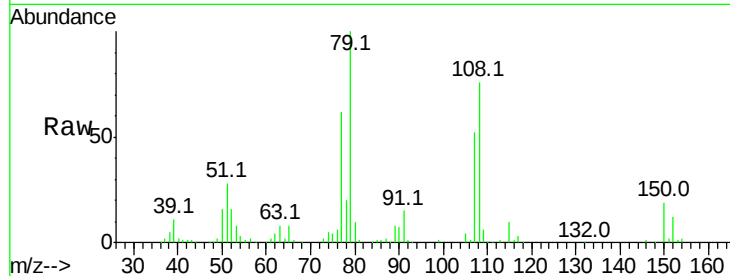
79 100

108 75.6 88.6 132.8#

77 62.2 47.0 70.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.30 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

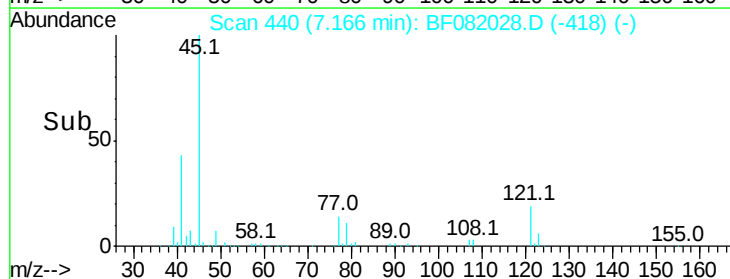
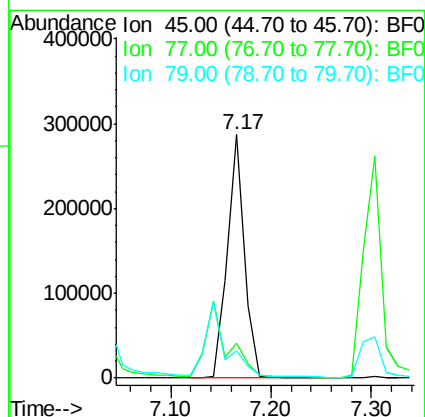
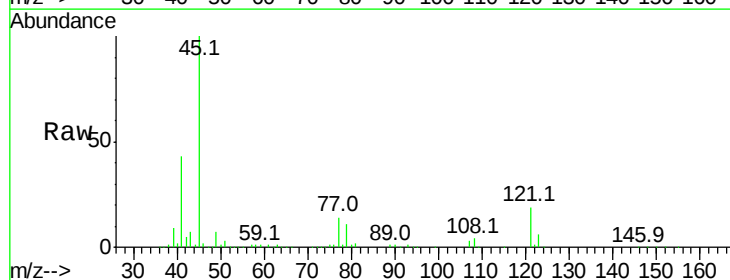
Tgt Ion: 45 Resp: 341089

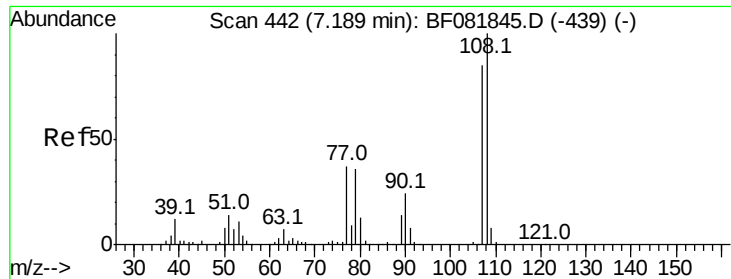
Ion Ratio Lower Upper

45 100

77 14.4 0.0 28.1

79 11.4 0.0 26.0





#17

2-Methylphenol

Concen: 45.84 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

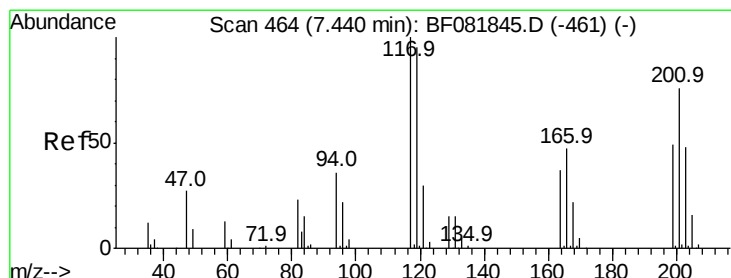
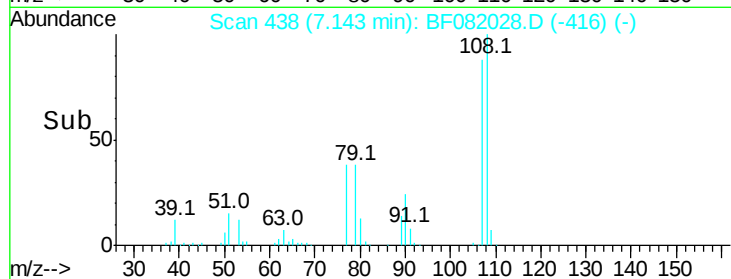
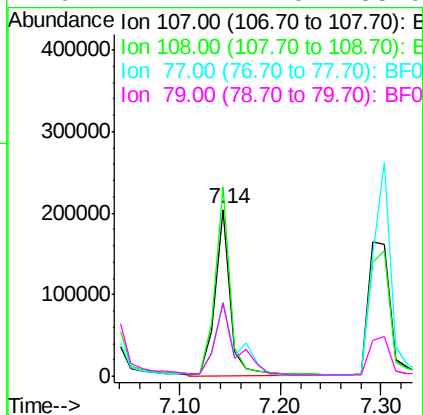
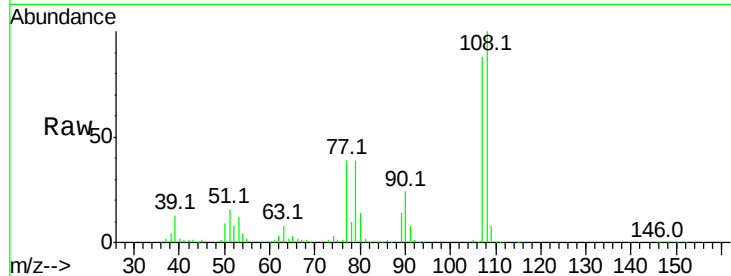
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	96.6	145.0	
77	44.7	23.3	34.9#	
79	44.2	22.0	33.0#	



#18

Hexachloroethane

Concen: 40.48 ng

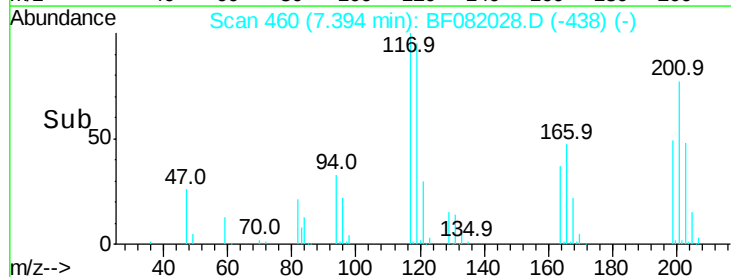
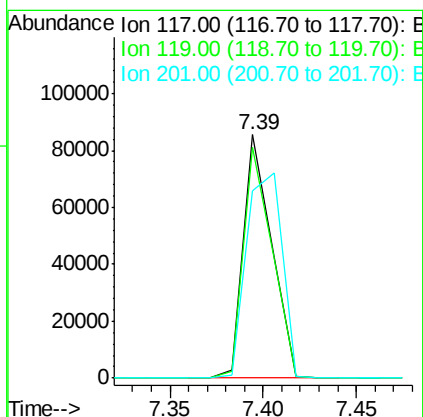
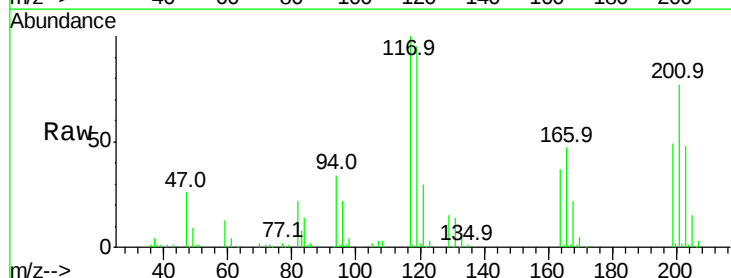
RT: 7.39 min Scan# 460

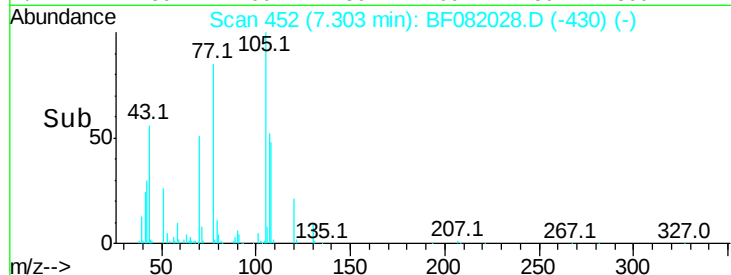
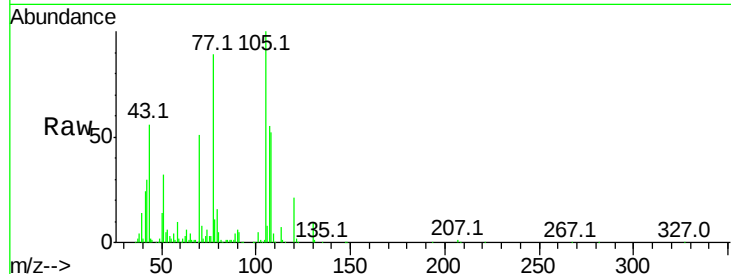
Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	83.8	125.6	
201	77.0	55.1	82.7	





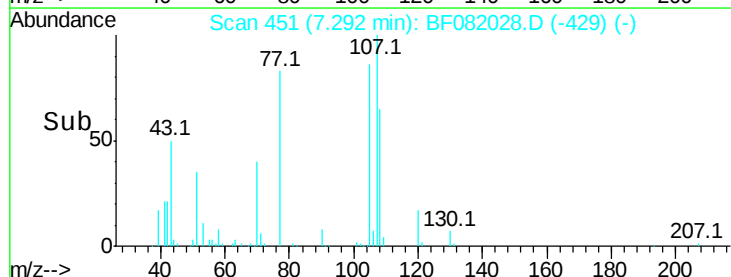
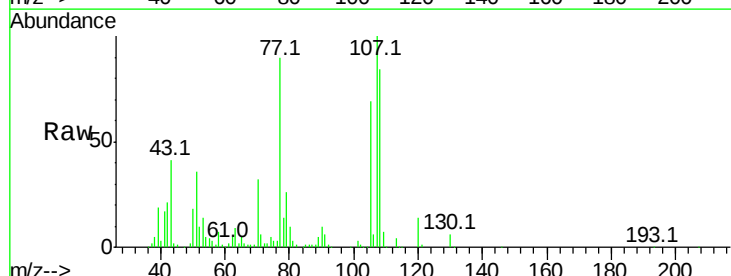
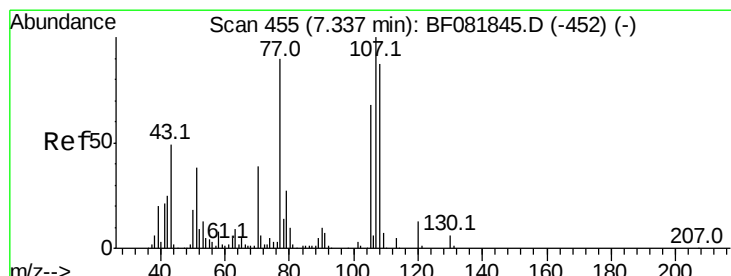
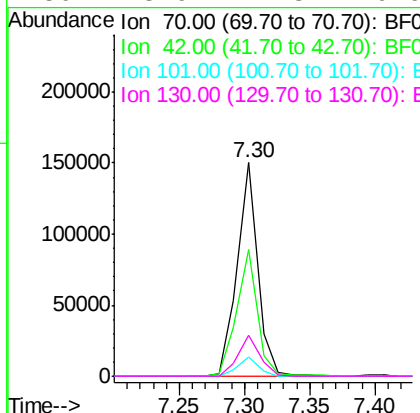
#19
n-Nitroso-di-n-propylamine
Concen: 41.24 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

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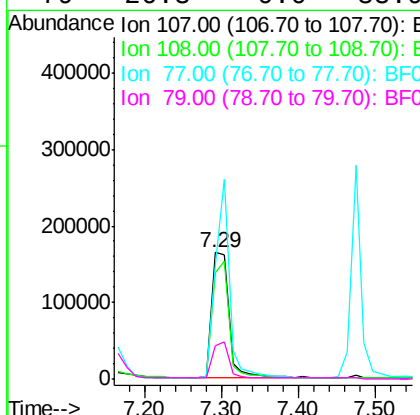
MMDADODA
10/5/2015 6:27:40 PM

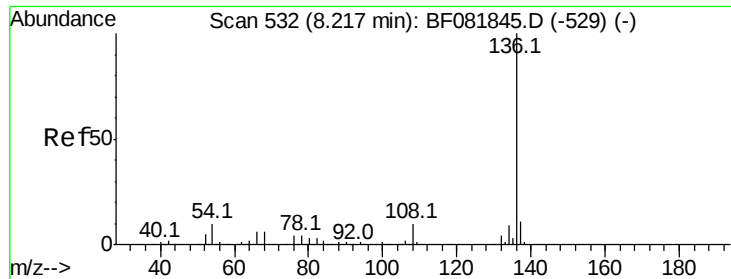
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	63.8	95.6#
101	9.3	9.2	13.8
130	18.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 43.78 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	74.6	114.6
77	90.3	0.7	40.7#
79	26.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

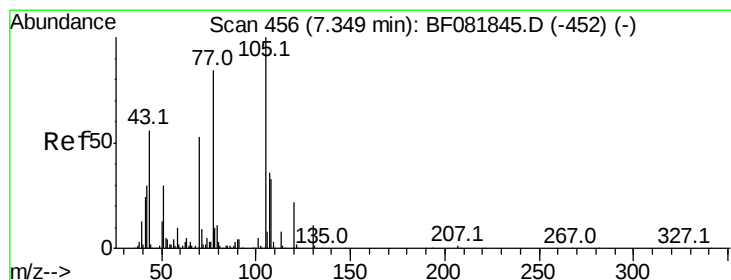
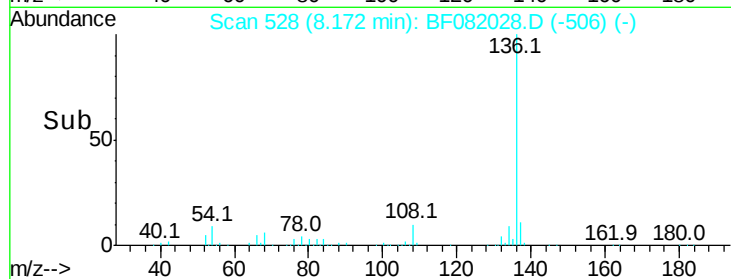
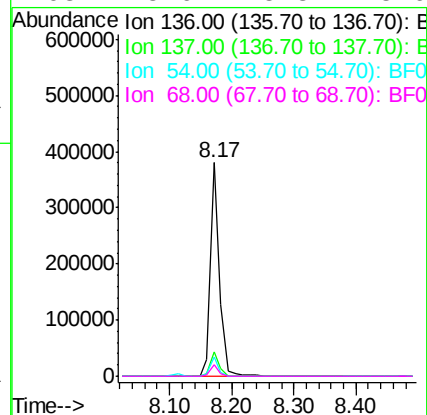
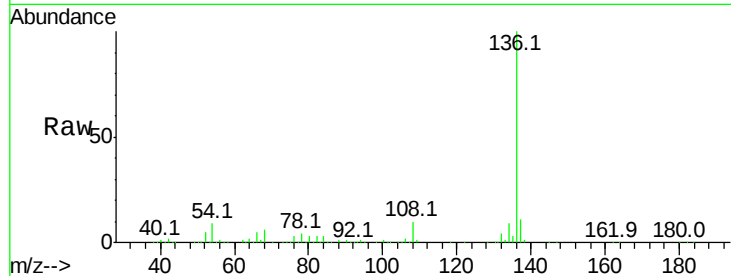
ClientSampleId :

MGP220BR-37-38MSD

Manual Integrations
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10/5/2015 6:27:40 PM

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	8.8	8.2	12.2	
68	5.6	5.8	8.6#	



#22

Acetophenone

Concen: 43.95 ng

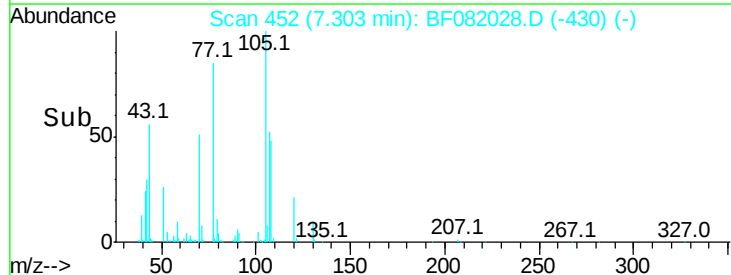
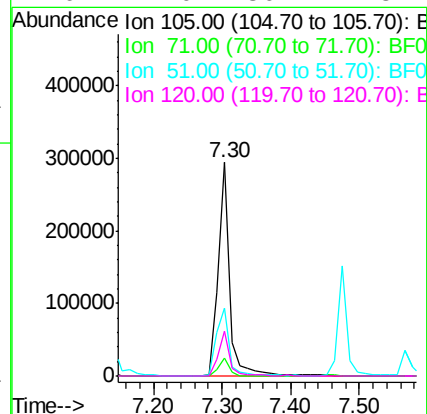
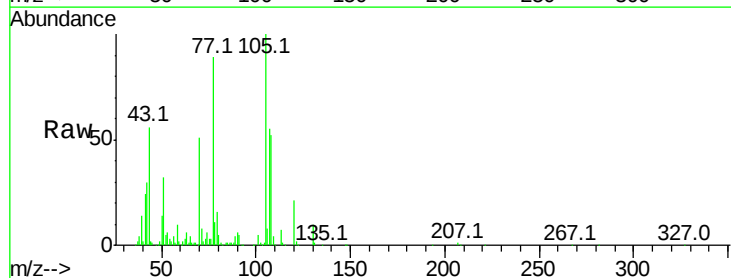
RT: 7.30 min Scan# 452

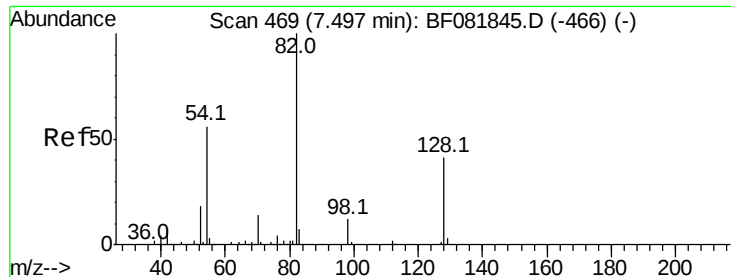
Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	4.7	7.1#	
51	31.8	22.0	33.0	
120	21.0	30.1	45.1#	





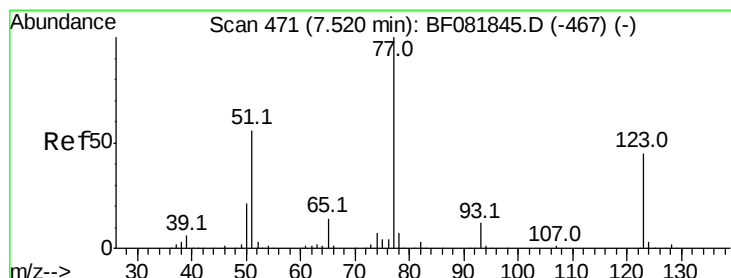
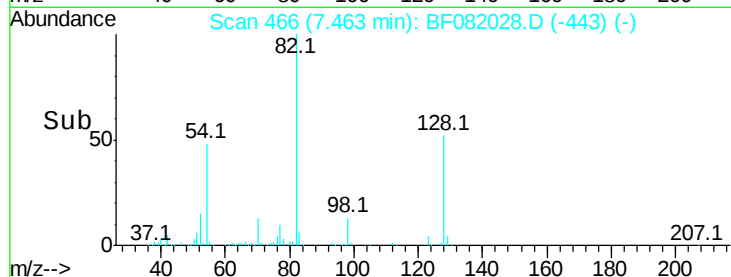
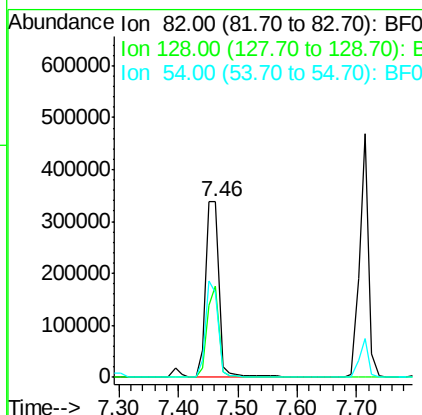
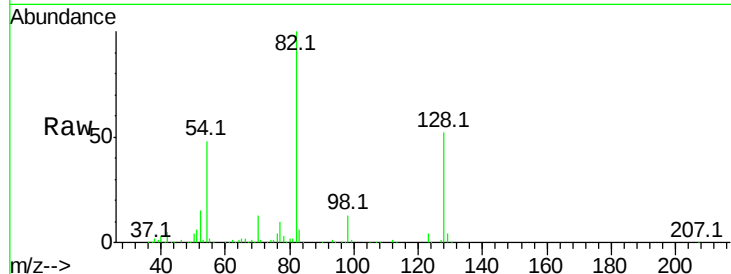
#23
 Nitrobenzene-d5
 Concen: 93.54 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	51.0	76.6
54	48.4	47.5	71.3

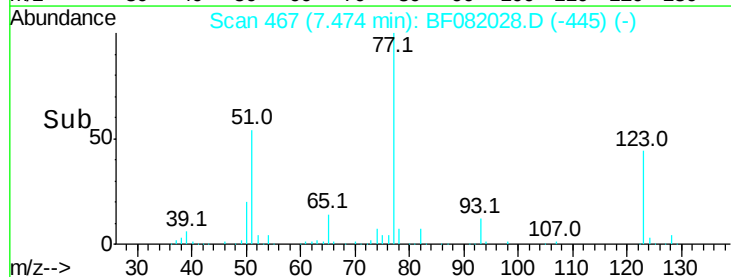
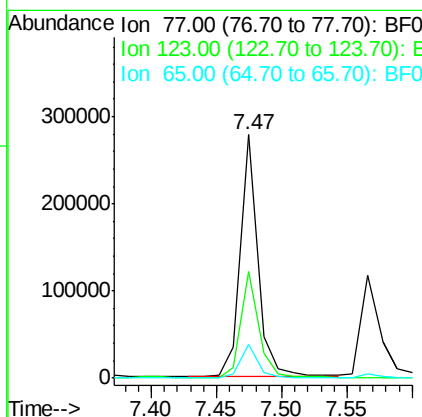
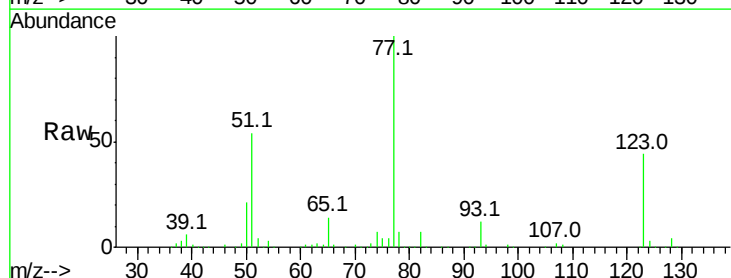
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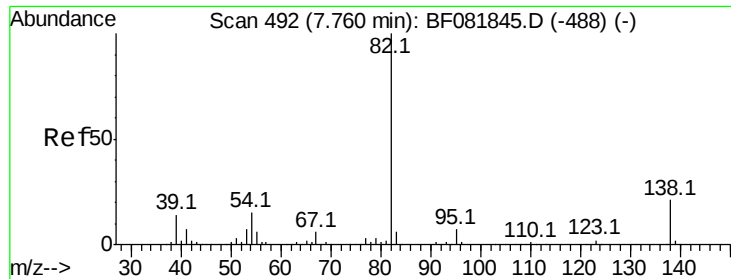
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#24
 Nitrobenzene
 Concen: 41.19 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	59.8	89.8#
65	13.8	10.2	15.4





#25

Isophorone

Concen: 42.45 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

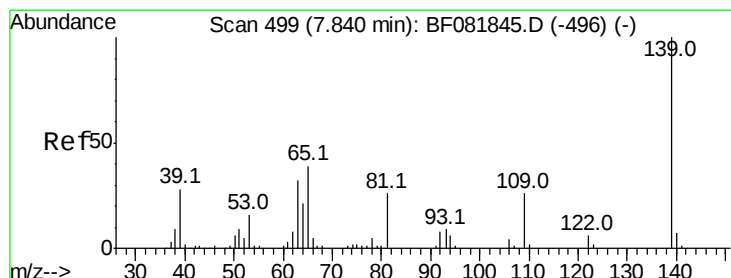
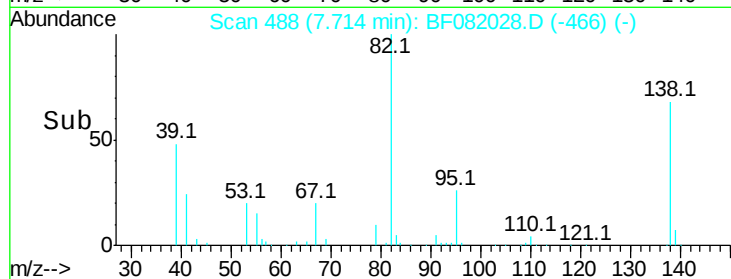
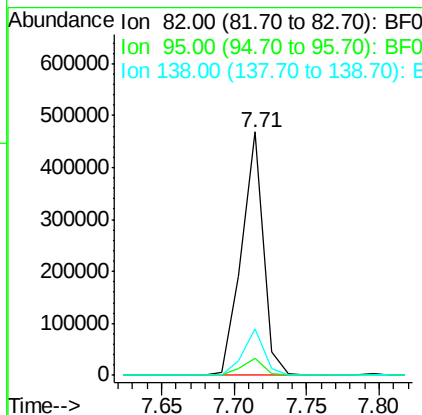
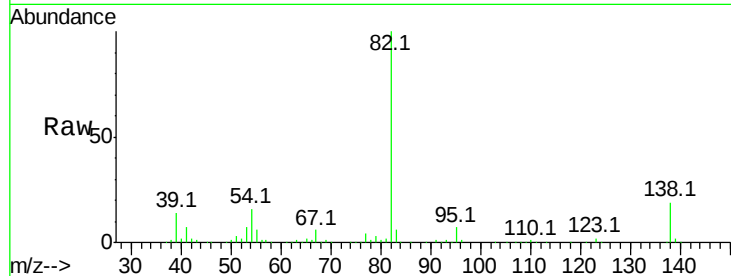
ClientSampleId :

MGP220BR-37-38MSD

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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	4.0	6.0#	
138	19.0	18.3	27.5	



#26

2-Nitrophenol

Concen: 47.72 ng

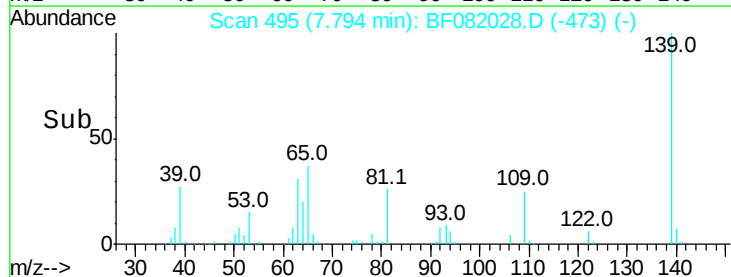
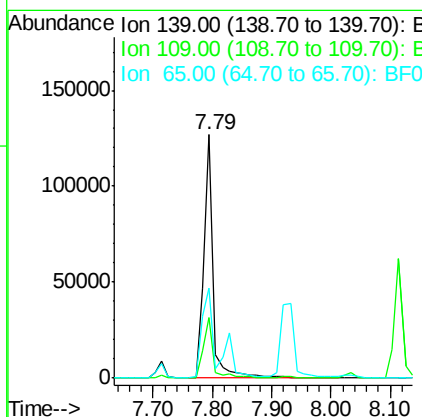
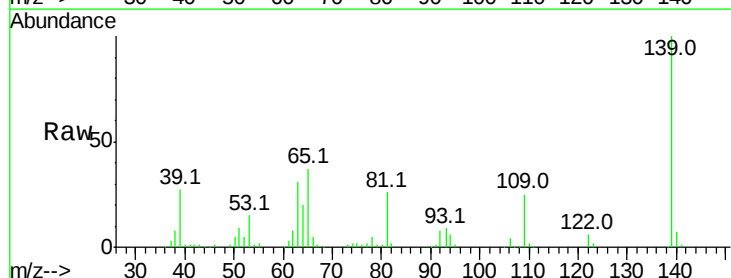
RT: 7.79 min Scan# 495

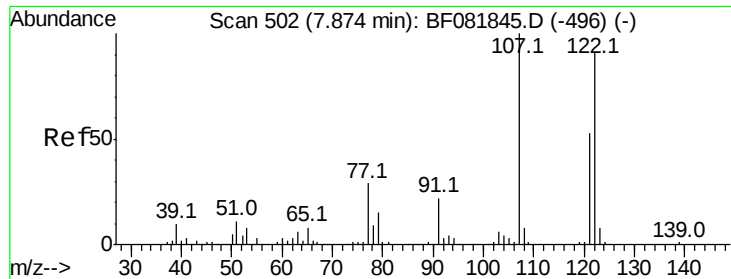
Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.6	11.0	16.4#	
65	37.1	24.7	37.1#	





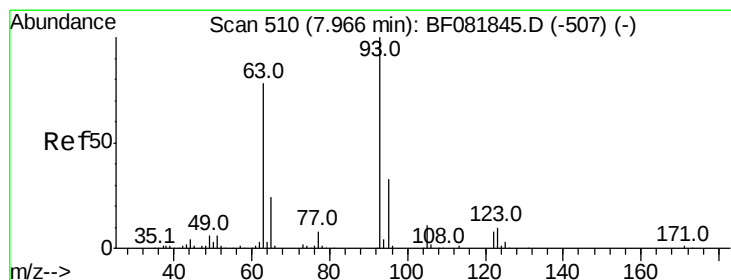
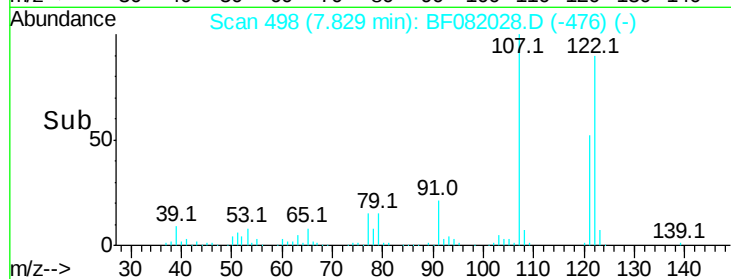
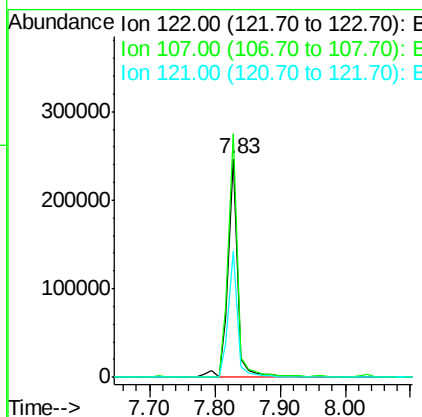
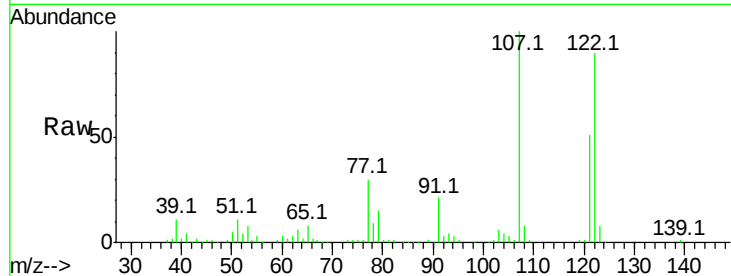
#27
2,4-Dimethylphenol
Concen: 48.61 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	258274		
107	111.6	71.8	107.6#	
121	57.5	42.3	63.5	

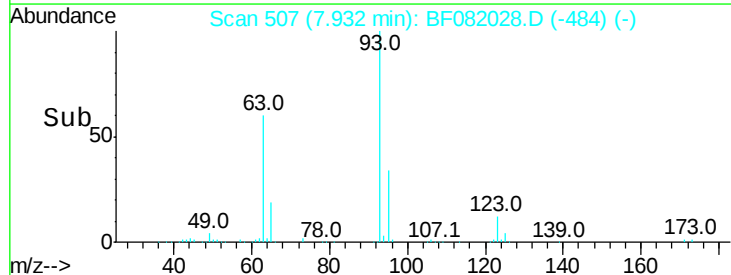
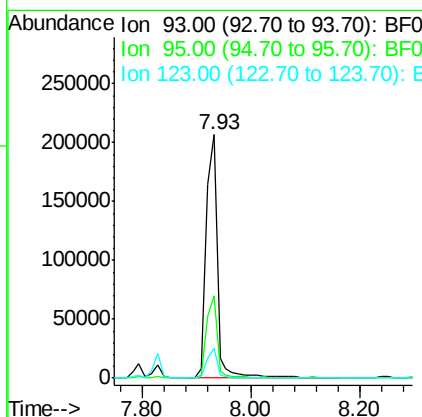
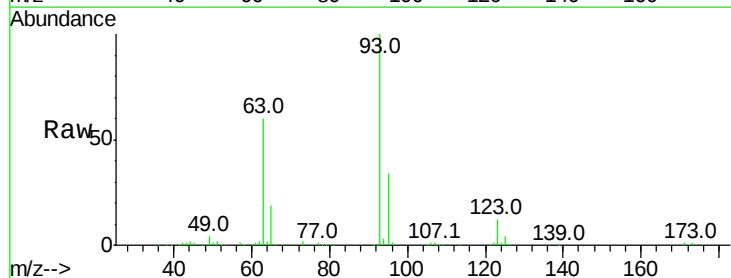
Manual Integrations
APPROVED

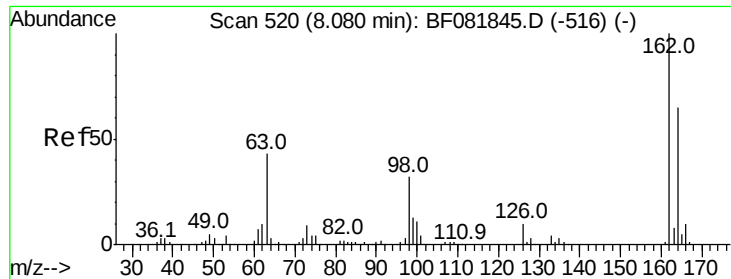
MMDADODA
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#28
bis(2-Chloroethoxy)methane
Concen: 43.47 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296515		
95	33.7	27.5	41.3	
123	12.1	13.7	20.5#	





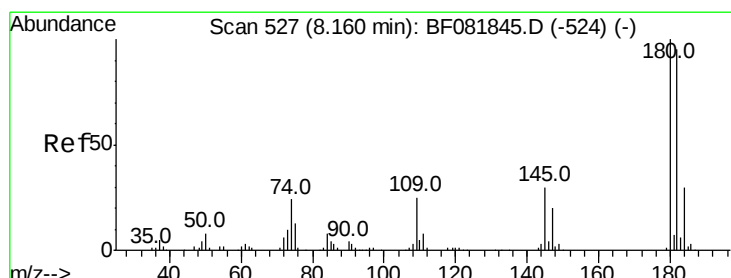
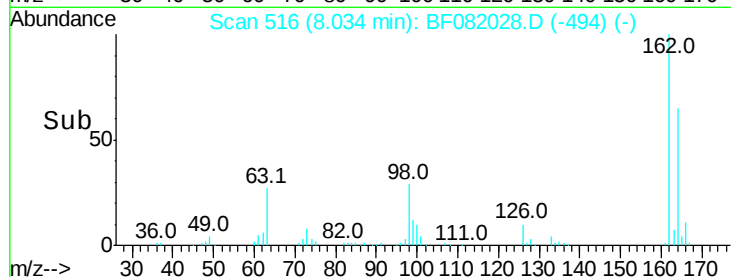
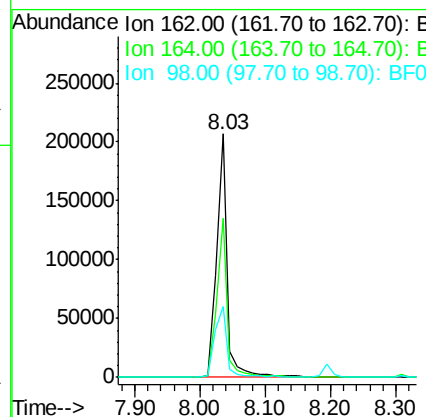
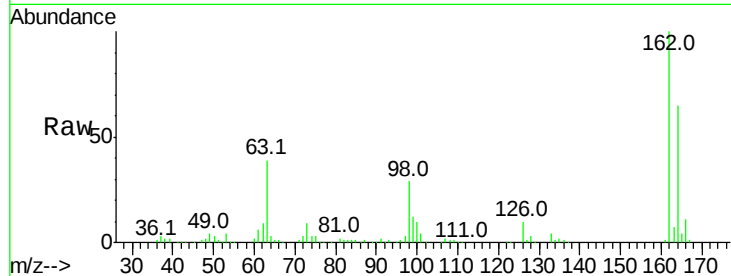
#29
 2,4-Dichlorophenol
 Concen: 46.47 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	44.9	84.9
98	29.4	13.0	53.0

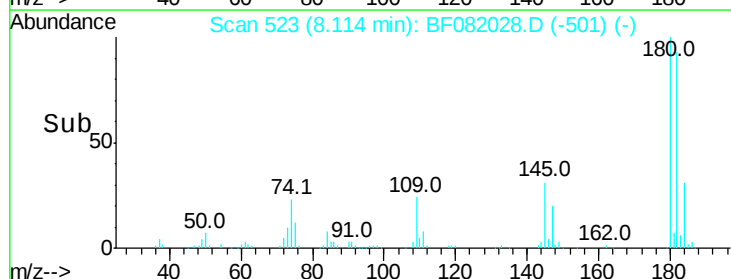
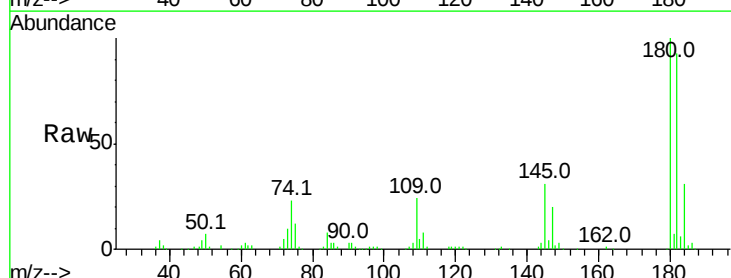
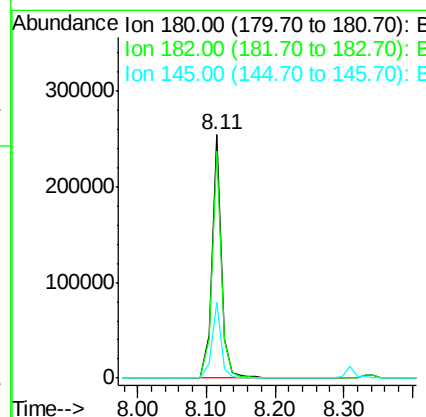
Manual Integrations
 APPROVED

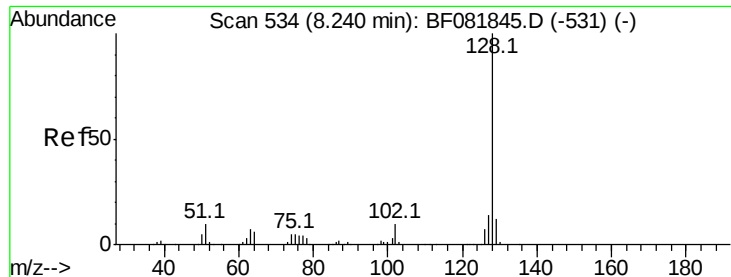
MMDADODA
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.37 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	77.1	115.7
145	30.9	23.3	34.9





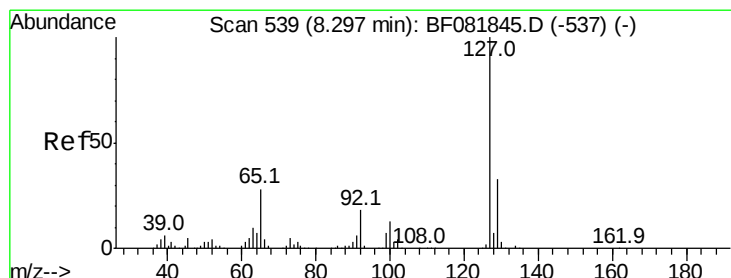
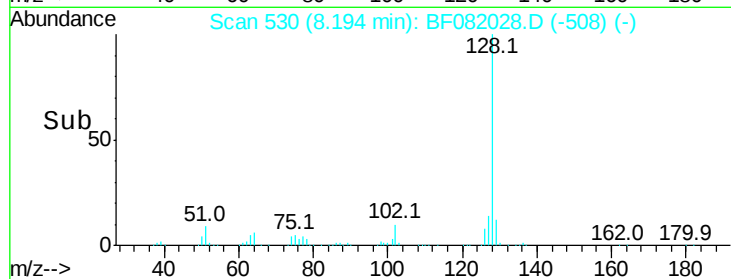
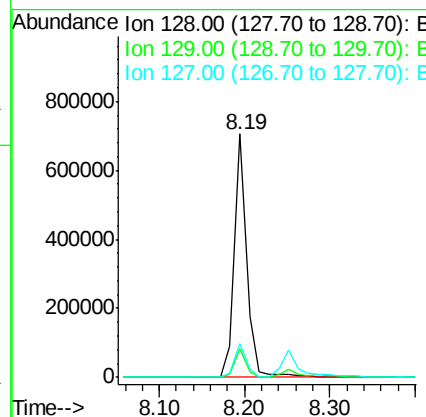
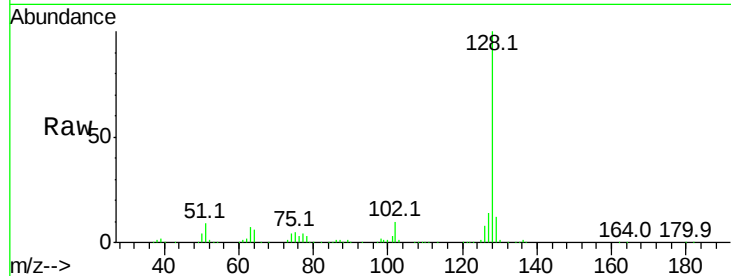
#31
Naphthalene
Concen: 41.41 ng/ml
RT: 8.19 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	708692		
129	11.7	8.4	12.6	
127	13.7	9.9	14.9	

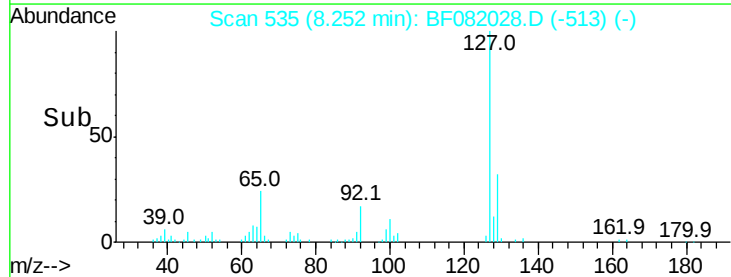
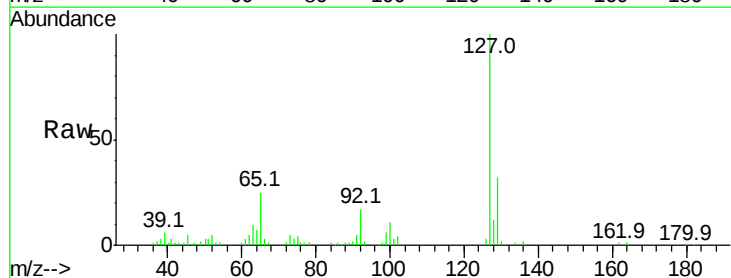
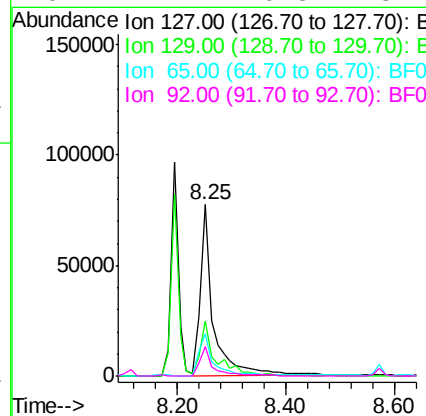
Manual Integrations
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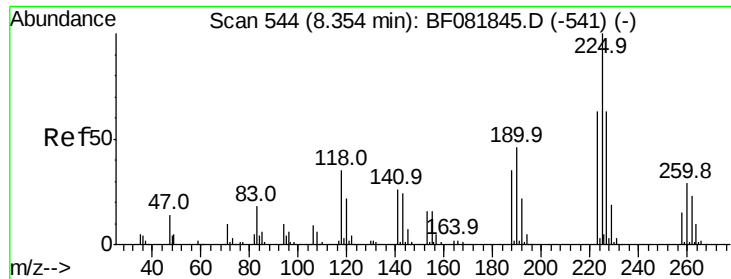
MMDADODA
10/5/2015 6:27:40 PM



#33
4-Chloroaniline
Concen: 17.20 ng/ml
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	127293		
129	31.9	25.8	38.6	
65	24.9	17.9	26.9	
92	17.4	10.5	15.7	#





#34

Hexachlorobutadiene

Concen: 40.75 ng

RT: 8.31 min Scan# 540

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

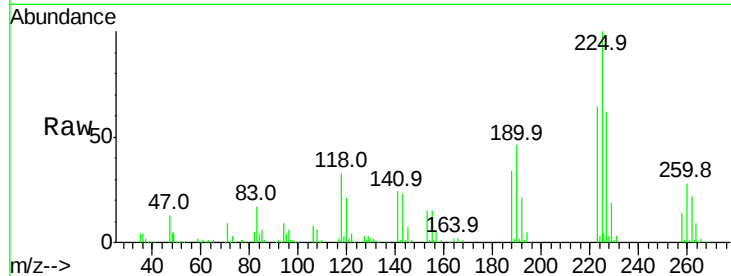
ClientSampleId :

MGP220BR-37-38MSD

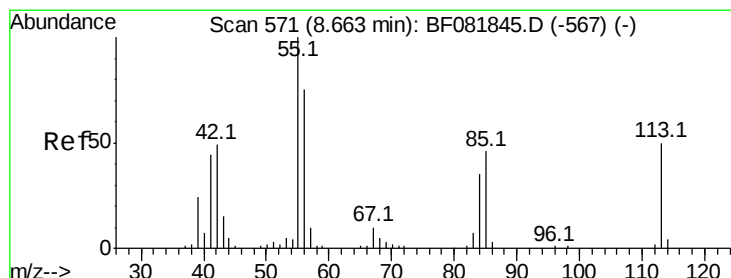
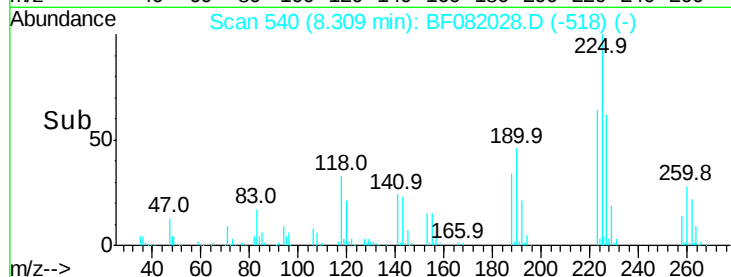
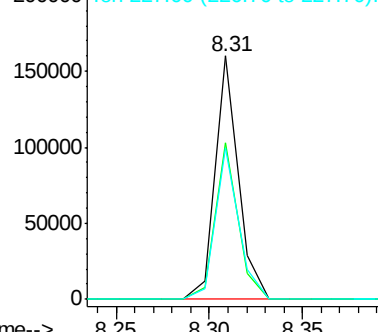
Tot Ion:	225	Resp:	138634
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.2	75.2
227	62.1	52.2	78.2

Manual Integrations
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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: 41.66 ng m

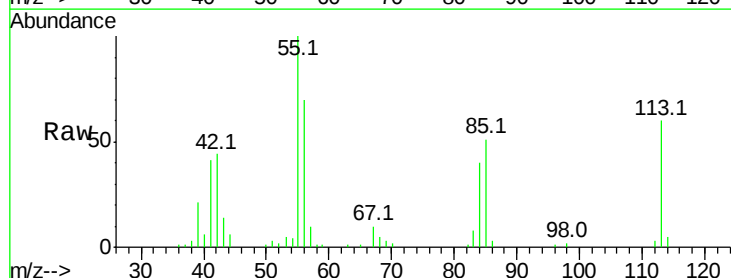
RT: 8.63 min Scan# 568

Delta R.T. -0.03 min

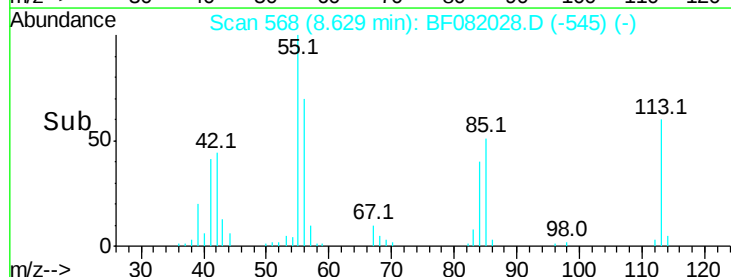
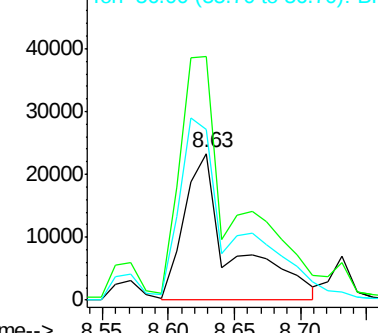
Lab File: BF082028.D

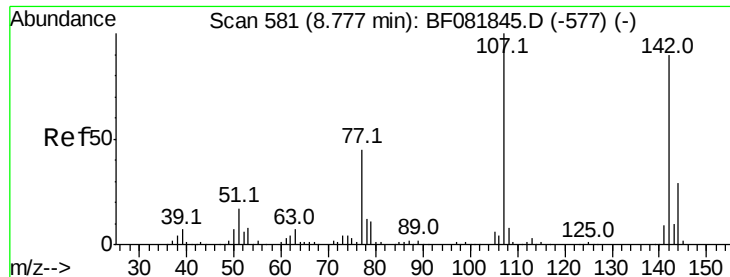
Acq: 3 Oct 2015 18:27

Tgt Ion:	113	Resp:	59416
Ion Ratio	Lower	Upper	
113	100		
55	166.2	152.4	192.4
56	116.5	104.6	144.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





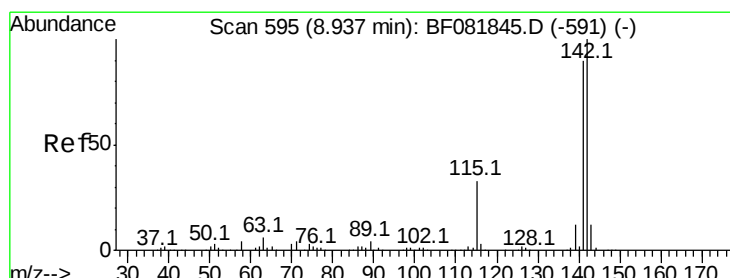
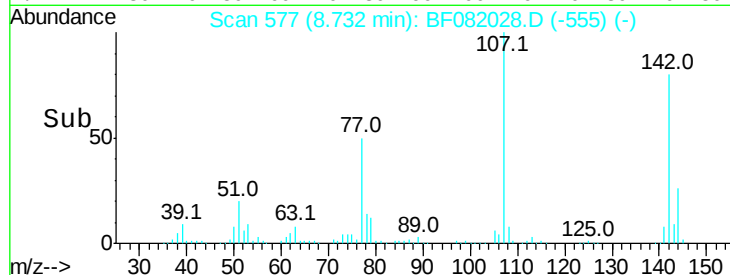
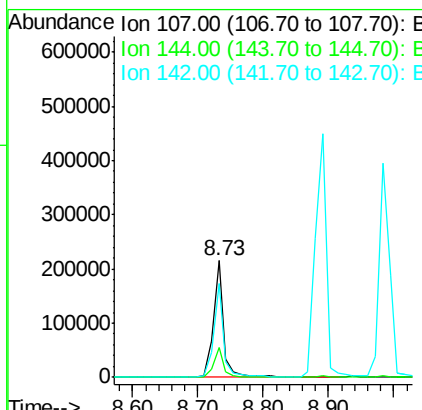
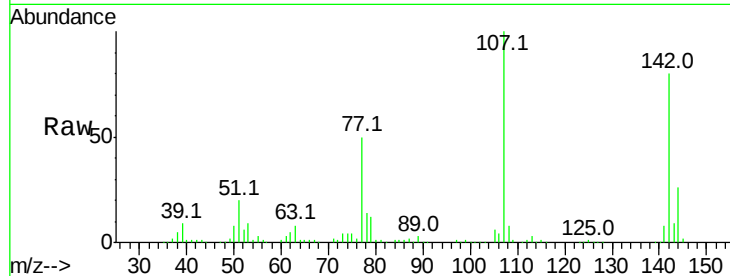
#36
 4-Chloro-3-methylphenol
 Concen: 48.48 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	244253		
144	25.9	25.4	38.0	
142	80.4	77.3	115.9	

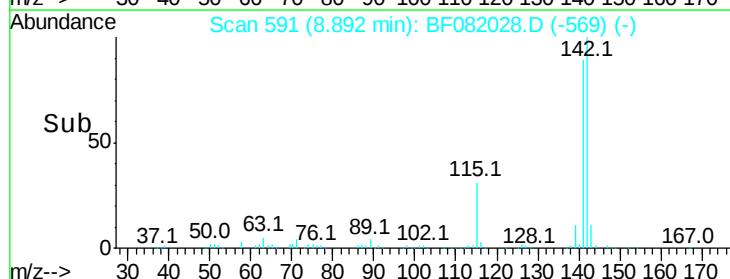
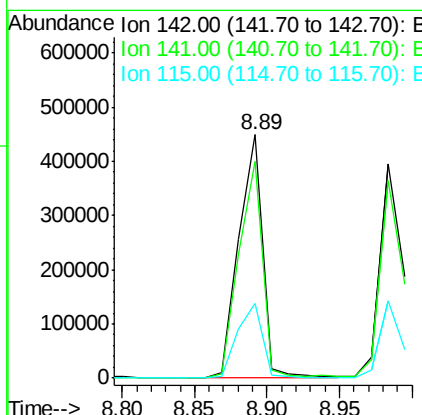
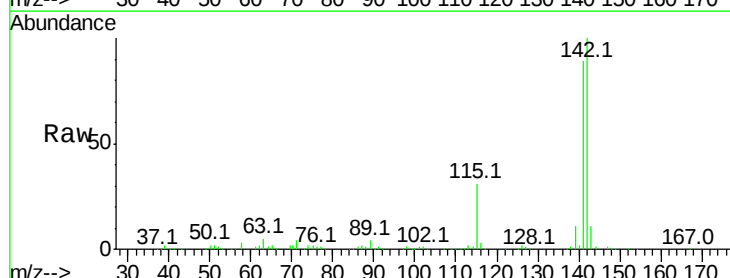
Manual Integrations
 APPROVED

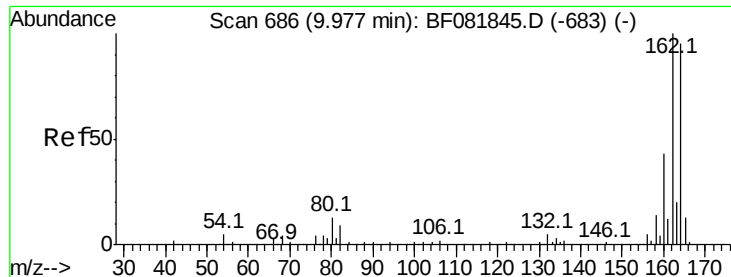
MMDADODA
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#37
 2-Methylnaphthalene
 Concen: 44.10 ng
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	515191		
141	89.1	67.5	101.3	
115	30.6	18.2	27.2	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

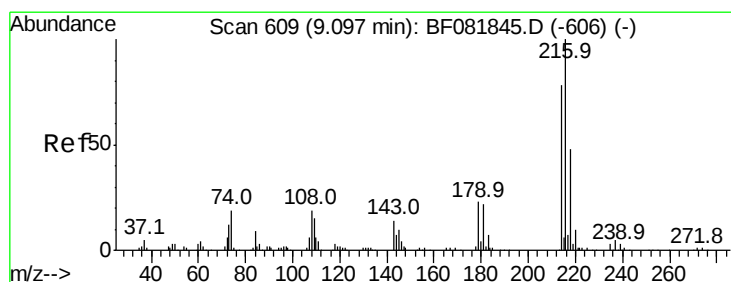
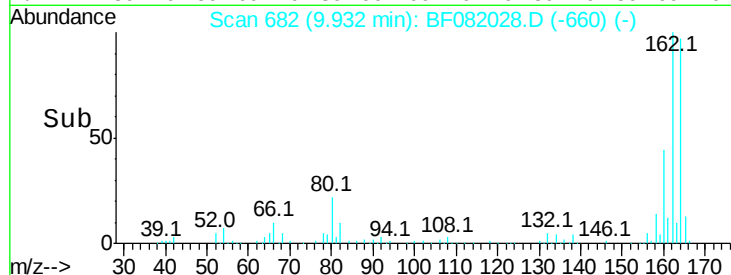
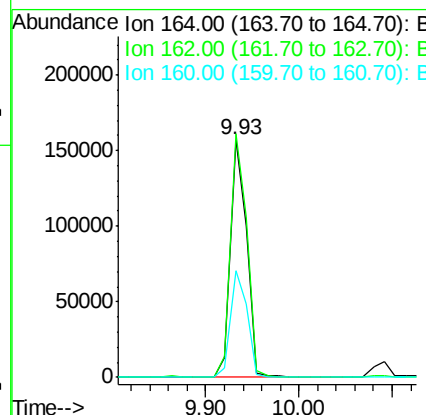
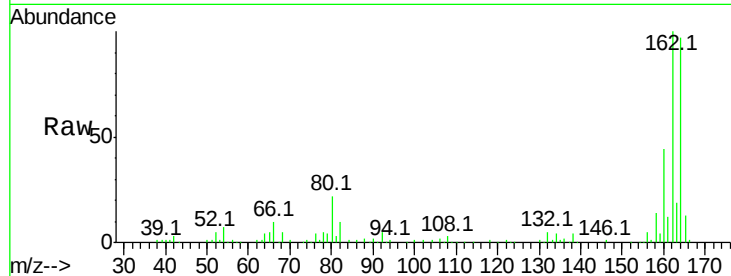
ClientSampleId :

MGP220BR-37-38MSD

Manual Integrations
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Tot Ion:	164	Resp:	190159
Ion Ratio	Lower	Upper	
164	100		
162	102.6	75.2	112.8
160	44.9	31.5	47.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

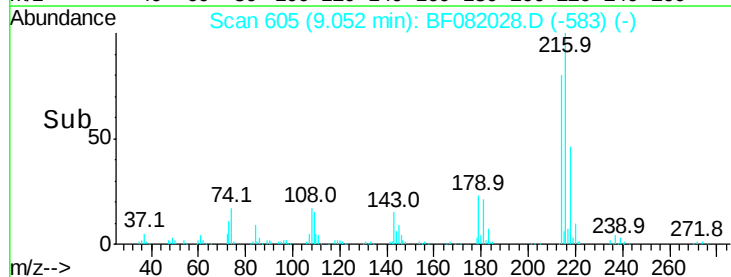
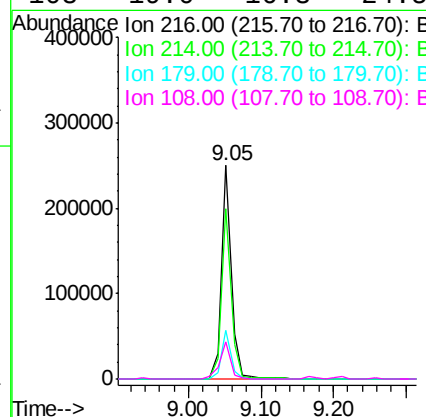
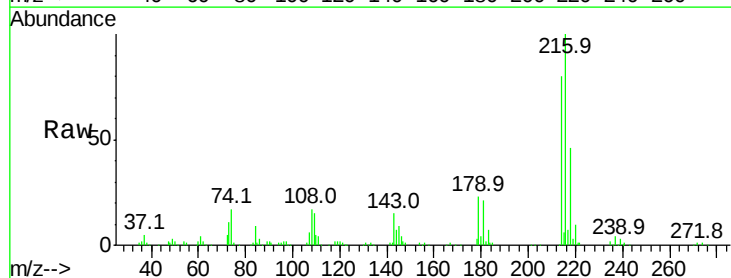
RT: 9.05 min Scan# 605

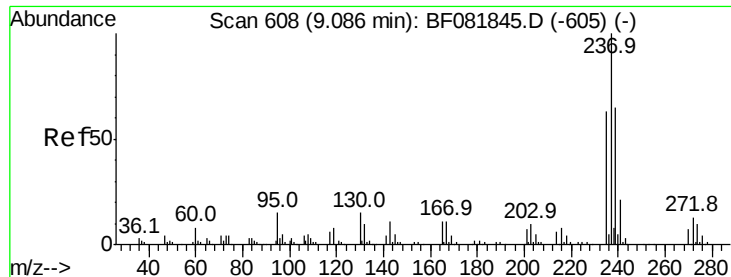
Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion:	216	Resp:	239547
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.5	95.3
179	21.4	16.6	24.8
108	19.0	16.3	24.5





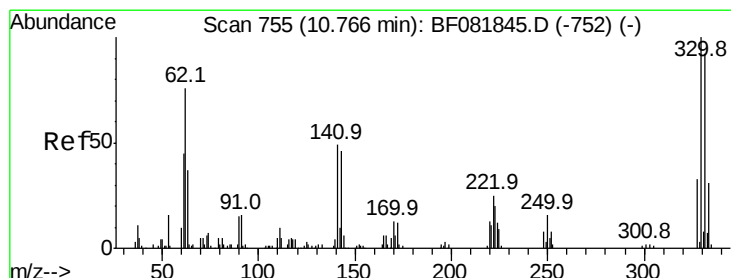
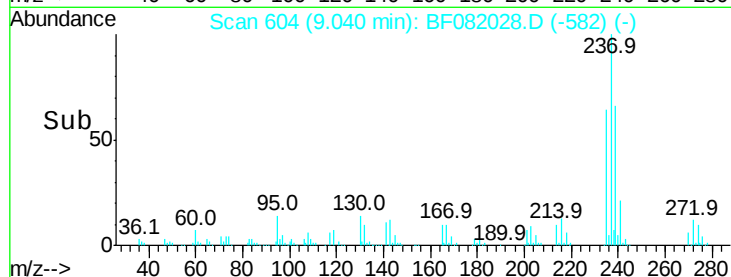
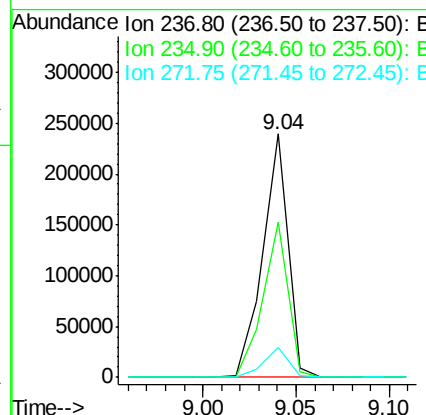
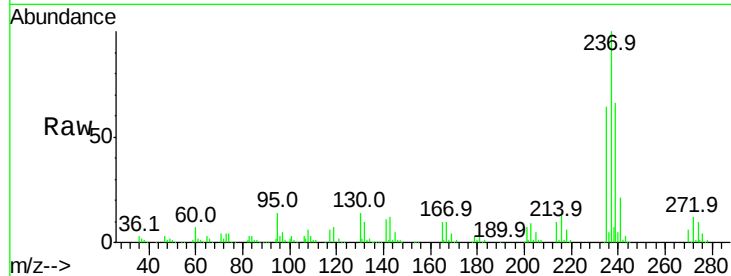
#40
Hexachlorocyclopentadiene
Concen: 74.05 ng
RT: 9.04 min Scan# 604
Delta R.T. -0.04 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	42.0	82.0
272	12.1	0.0	36.1

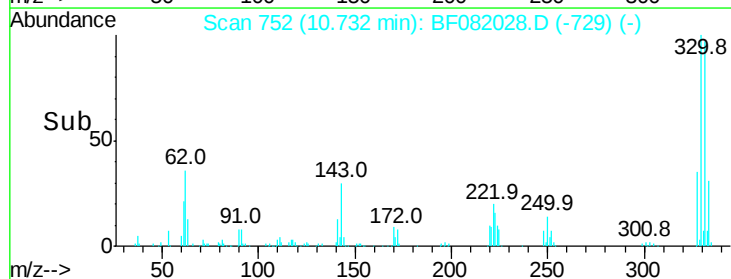
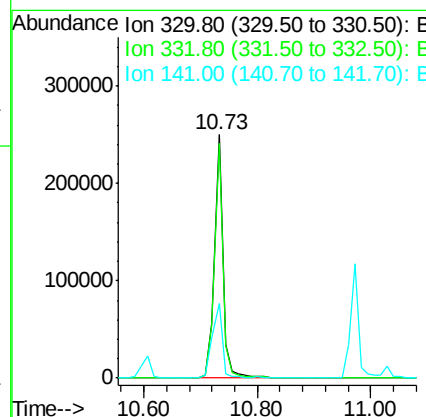
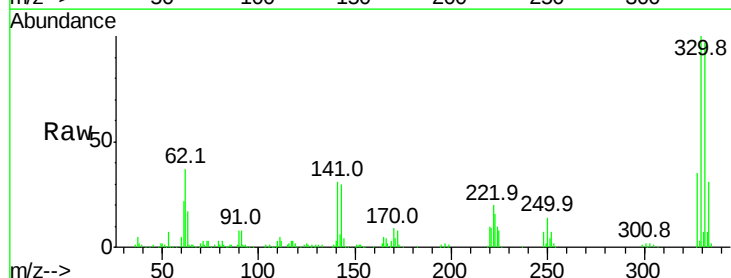
Manual Integrations
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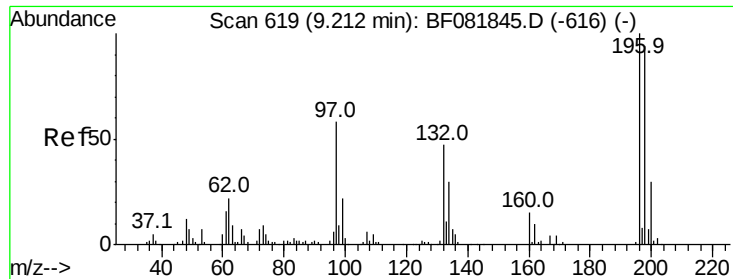
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#41
2,4,6-Tribromophenol
Concen: 131.01 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.4	29.7	44.5





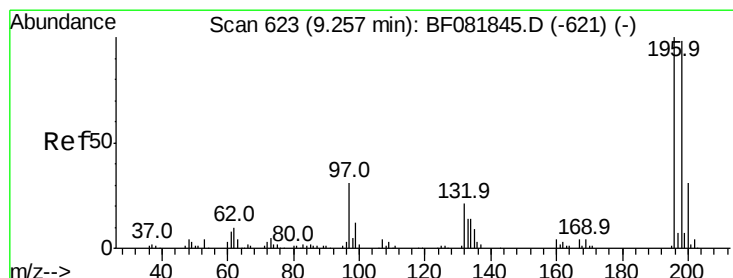
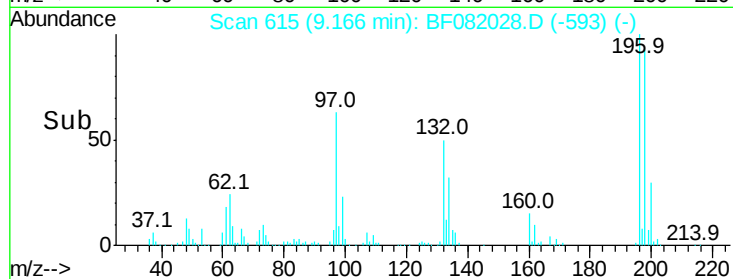
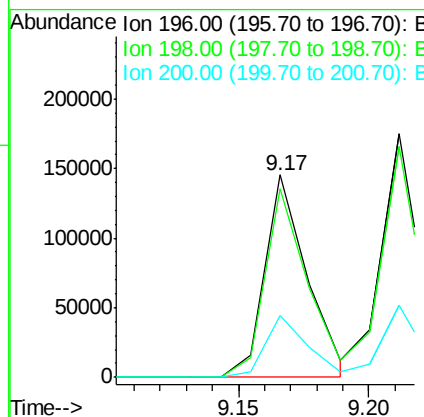
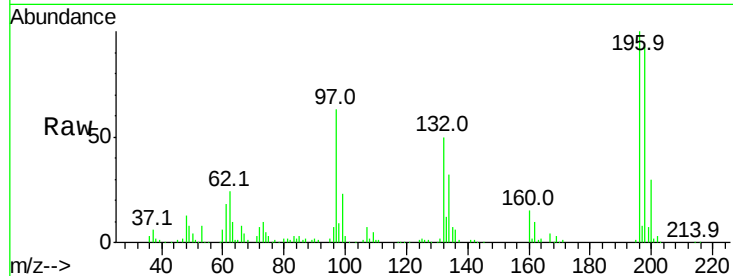
#42
2,4,6-Trichlorophenol
Concen: 41.15 ng
RT: 9.17 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164708		
198	92.9	75.7	113.5	
200	30.4	23.9	35.9	

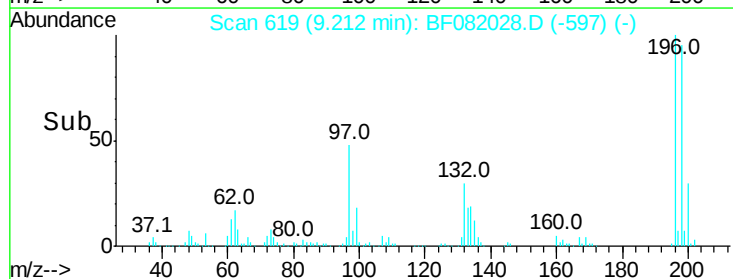
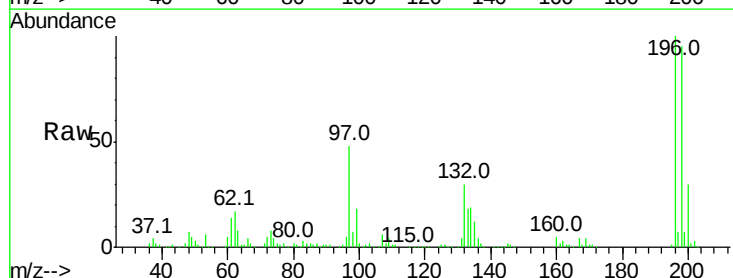
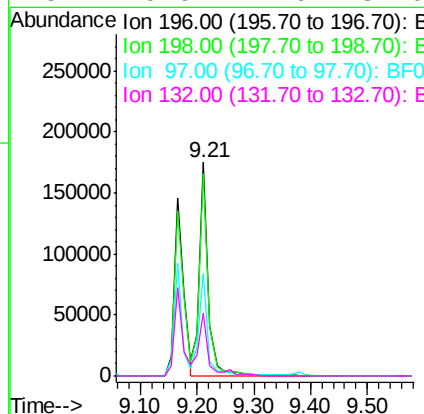
Manual Integrations
APPROVED

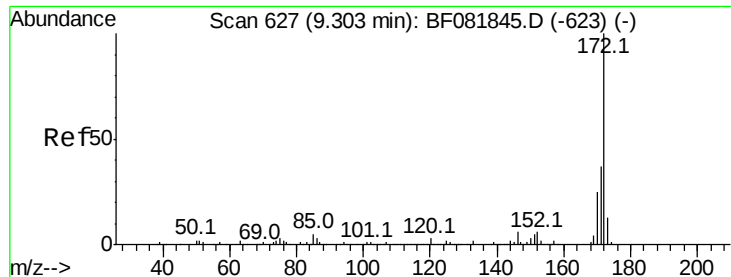
MMDADODA
10/5/2015 6:27:40 PM



#43
2,4,5-Trichlorophenol
Concen: 47.00 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193454		
198	94.6	75.4	113.0	
97	47.8	33.3	49.9	
132	29.6	24.6	37.0	





#44

2-Fluorobiphenyl

Concen: 88.61 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

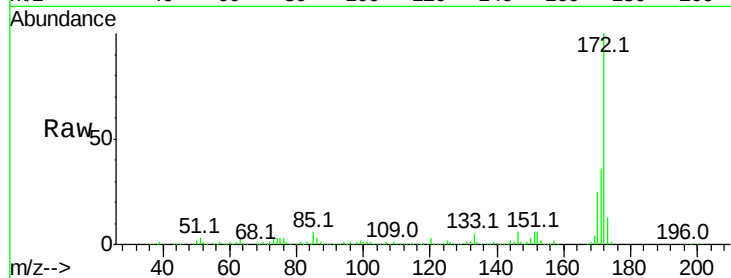
ClientSampleId :

MGP220BR-37-38MSD

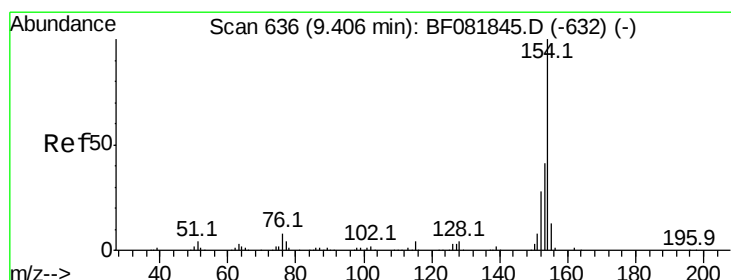
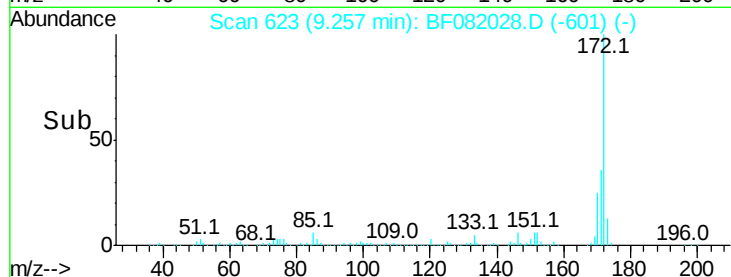
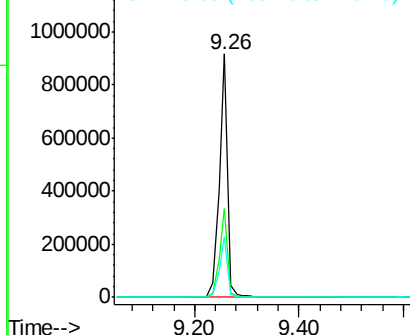
Manual Integrations
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Tot Ion:	172	Resp:	998643
Ion Ratio	Lower	Upper	
172	100		
171	36.4	26.1	39.1
170	24.7	17.4	26.2



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: 43.60 ng

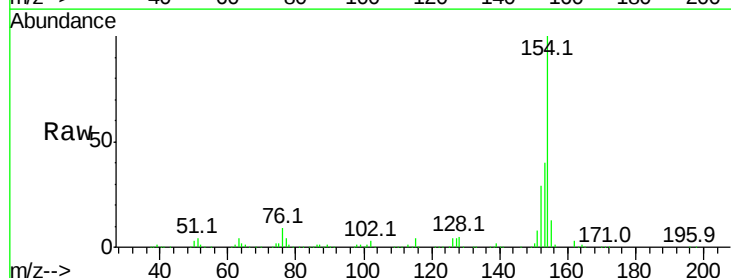
RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

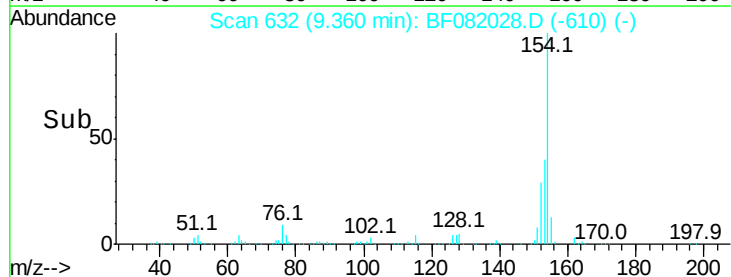
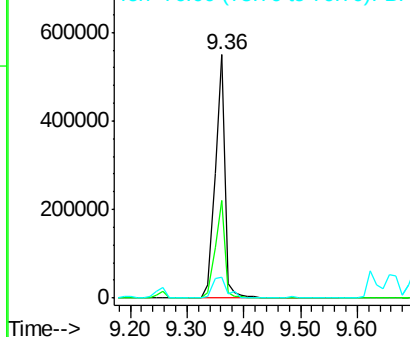
Lab File: BF082028.D

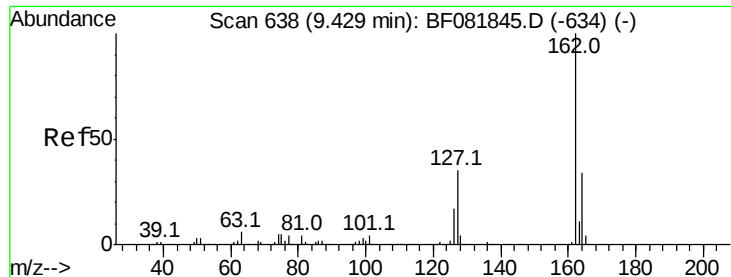
Acq: 3 Oct 2015 18:27

Tgt Ion:	154	Resp:	639573
Ion Ratio	Lower	Upper	
154	100		
153	40.2	17.1	57.1
76	8.6	0.0	31.6



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





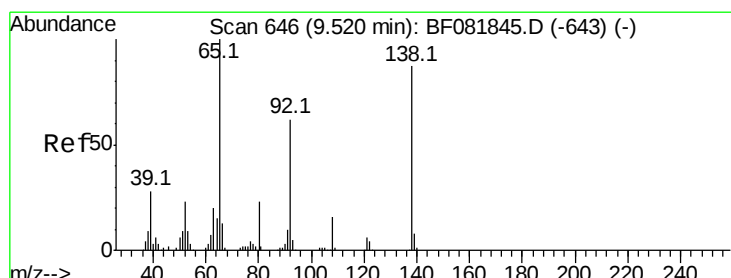
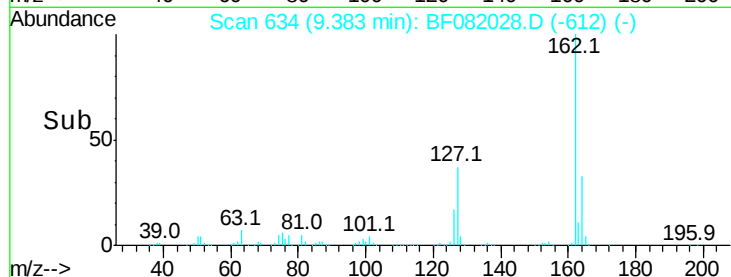
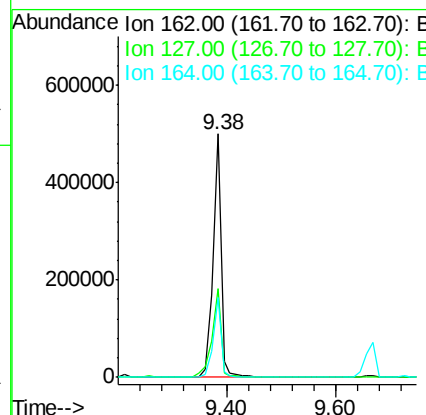
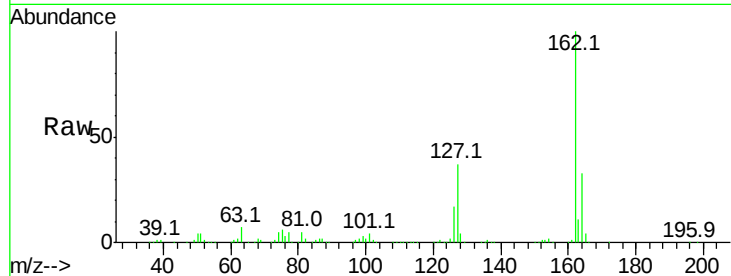
#46
2-Chloronaphthalene
Concen: 44.80 ng
RT: 9.38 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Manual Integrations
APPROVED

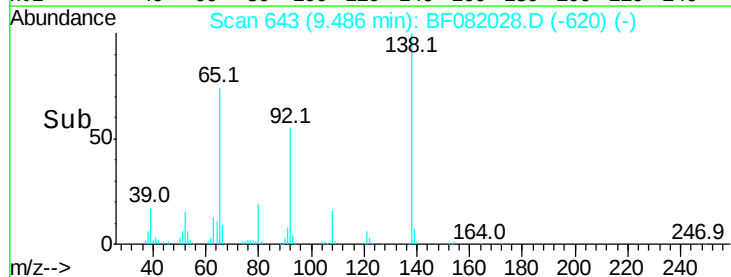
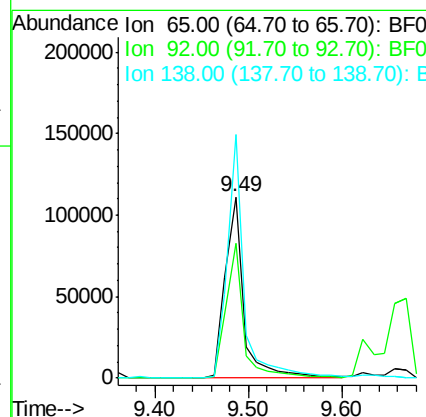
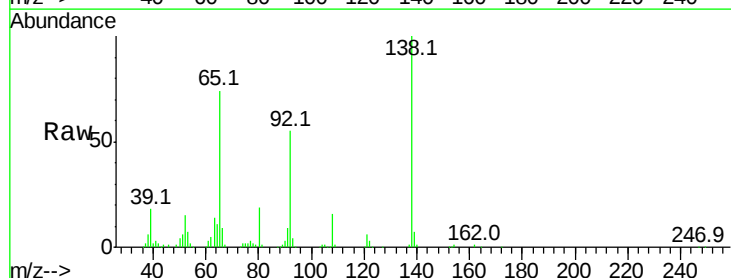
MMDADODA
10/5/2015 6:27:40 PM

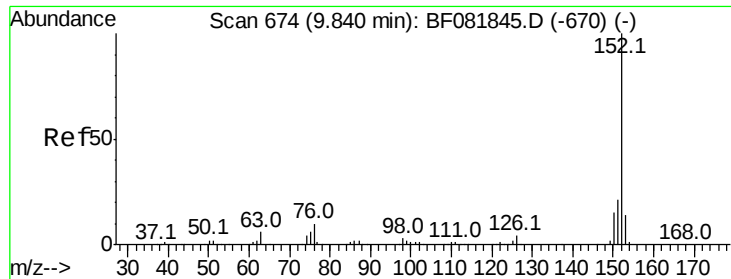
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	27.6	41.4
164	32.7	25.4	38.2



#47
2-Nitroaniline
Concen: 45.97 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	55.4	83.0
138	134.6	115.5	173.3





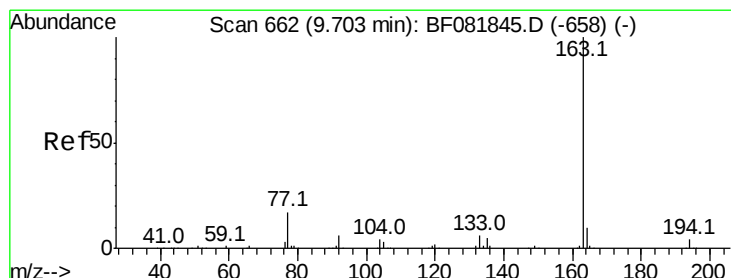
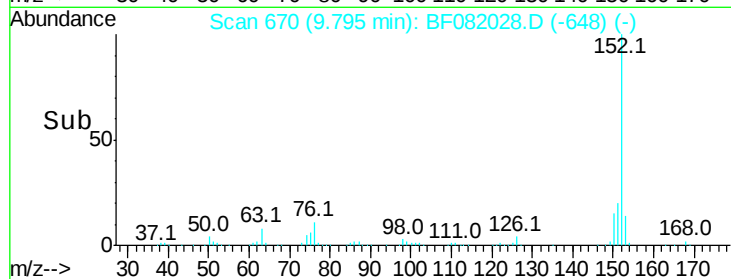
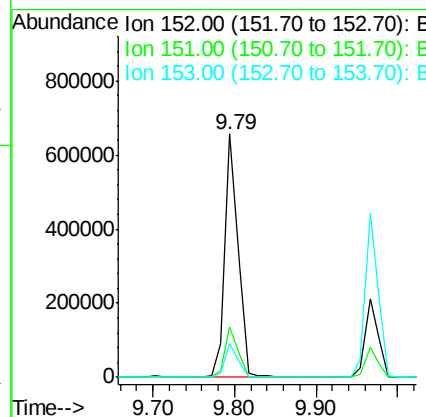
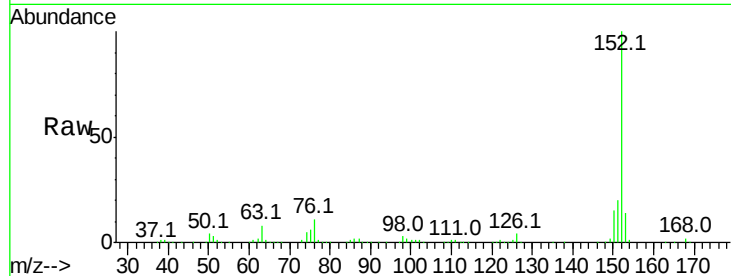
#48
Acenaphthylene
Concen: 40.27 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	742513		
151	20.4		14.6	22.0
153	14.0		10.3	15.5

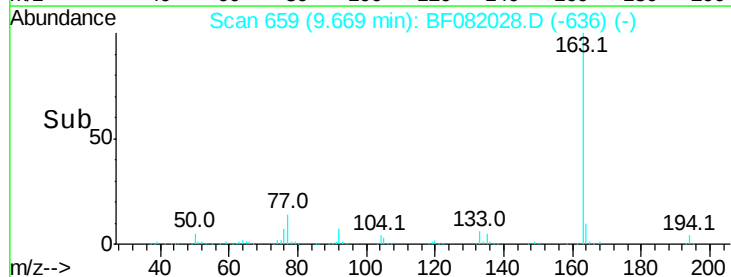
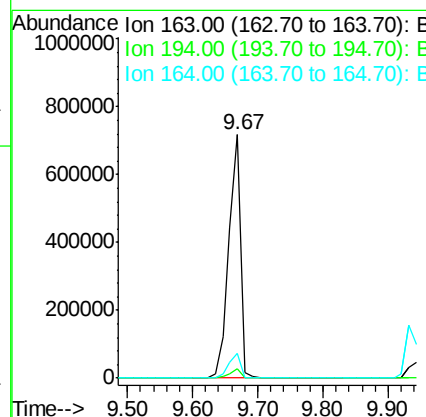
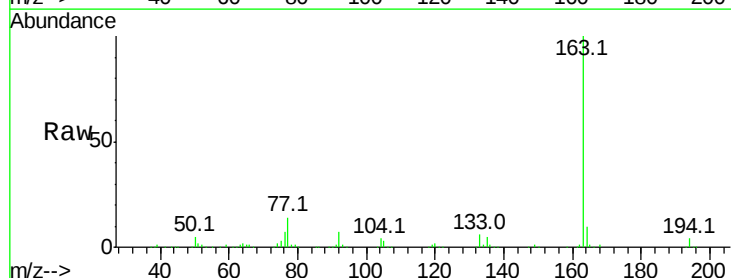
Manual Integrations
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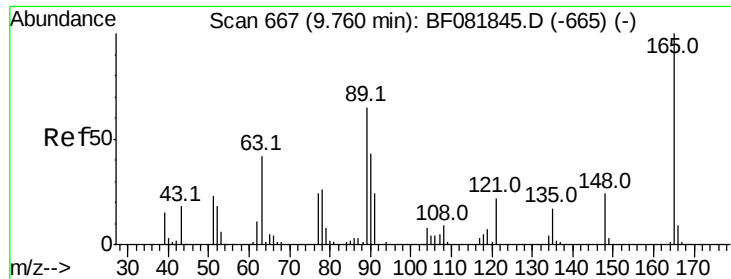
MMDADODA
10/5/2015 6:27:40 PM



#49
Dimethylphthalate
Concen: 69.30 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	909566		
194	3.8		4.4	6.6#
164	10.0		8.3	12.5





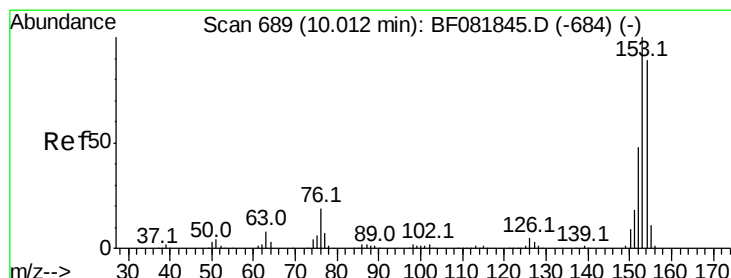
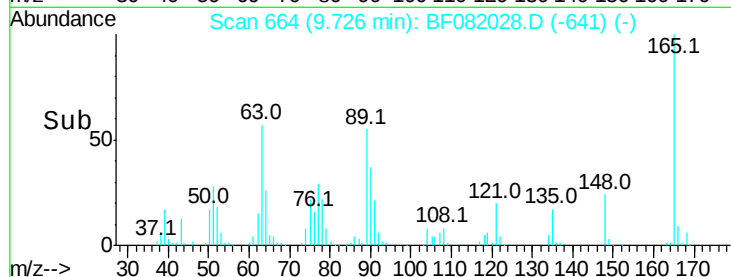
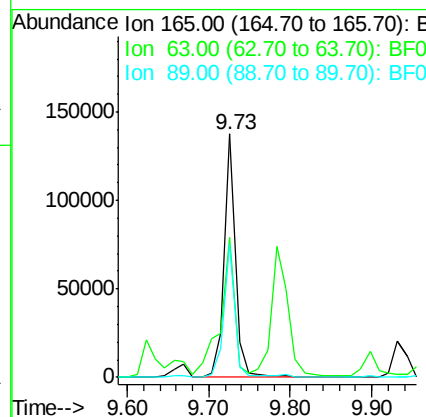
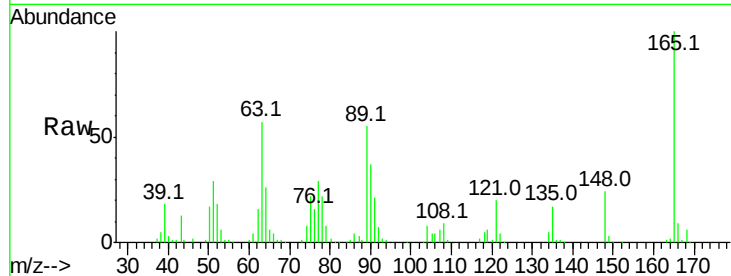
#50
2,6-Dinitrotoluene
Concen: 46.47 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	57.5	32.3	48.5#
89	54.7	28.6	43.0#

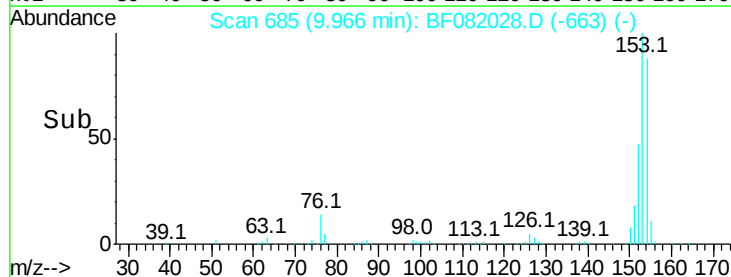
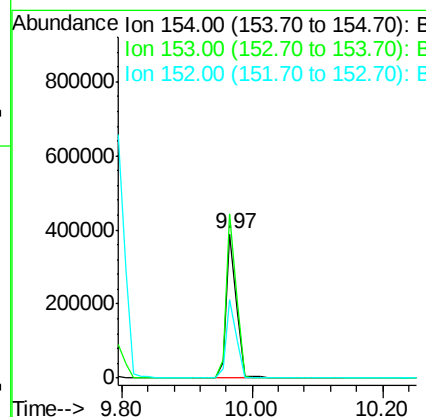
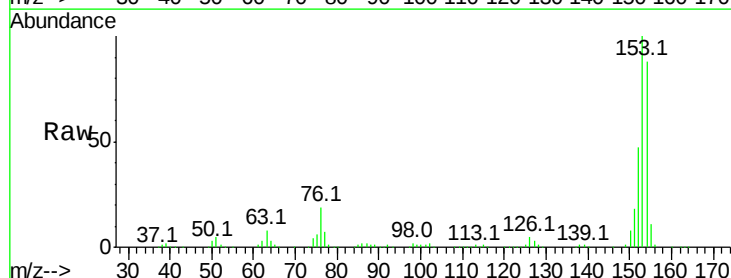
Manual Integrations
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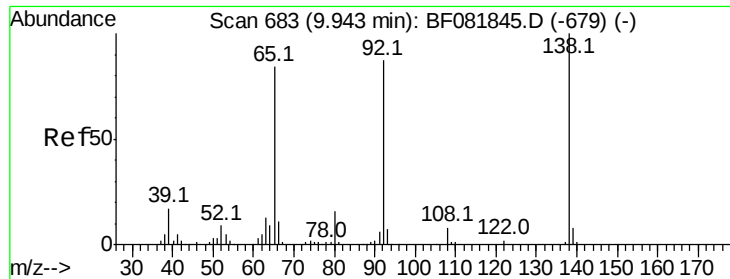
MMDADODA
10/5/2015 6:27:40 PM



#51
Acenaphthene
Concen: 40.23 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.9	82.1	123.1
152	54.1	37.9	56.9





#52

3-Nitroaniline

Concen: 32.58 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

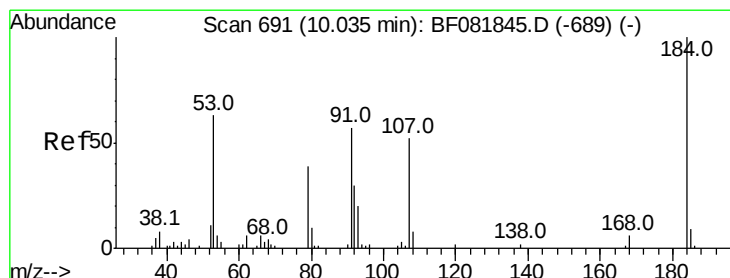
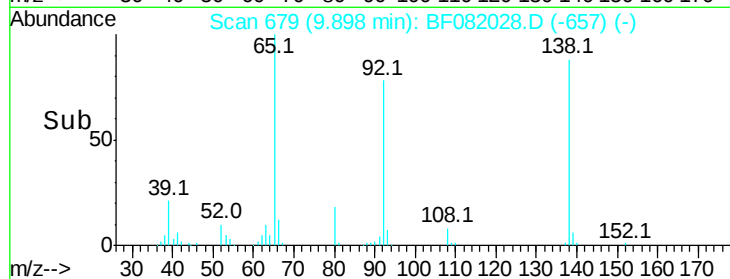
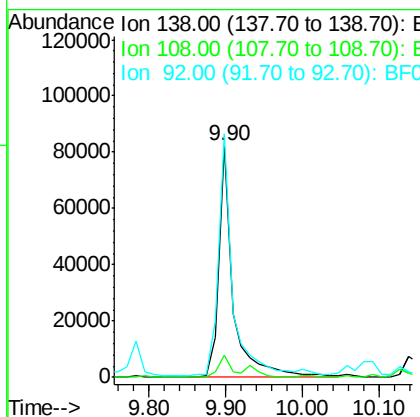
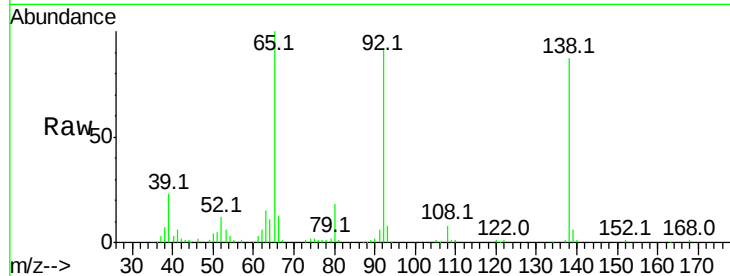
ClientSampleId :

MGP220BR-37-38MSD

Manual Integrations
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MMDADODA
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Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	5.7	8.5#
92	105.3	67.7	101.5#



#53

2,4-Dinitrophenol

Concen: 15.73 ng

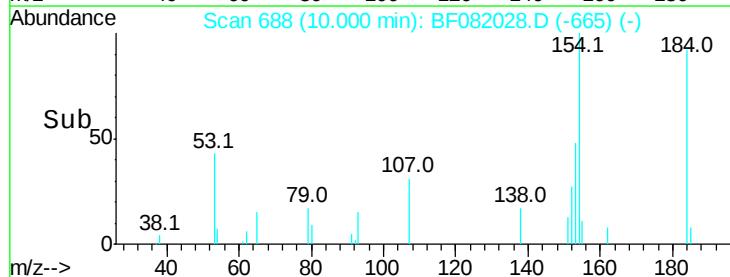
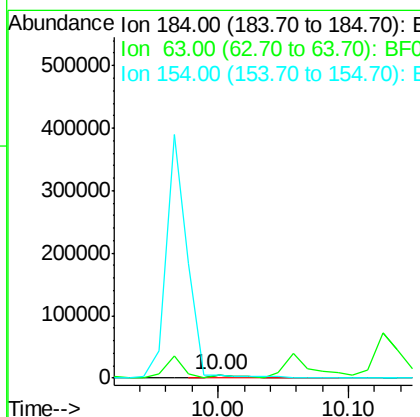
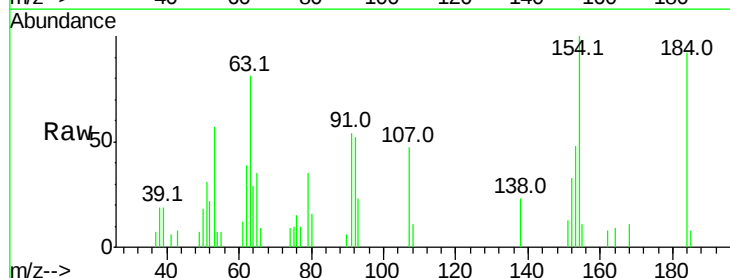
RT: 10.00 min Scan# 688

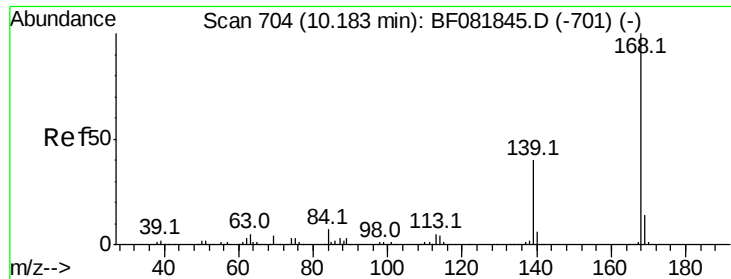
Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.4	35.4	53.2#
154	109.1	32.2	48.4#





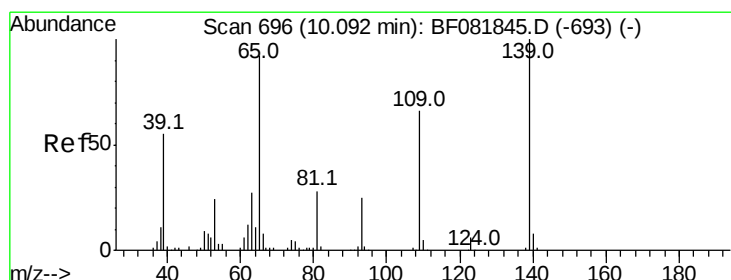
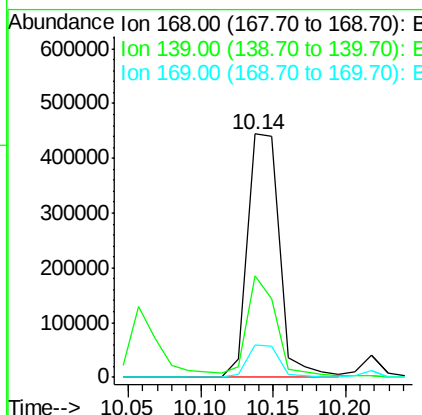
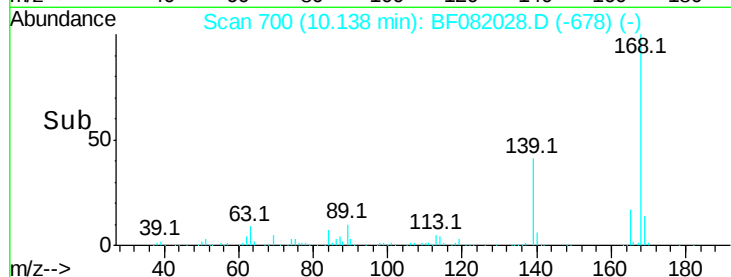
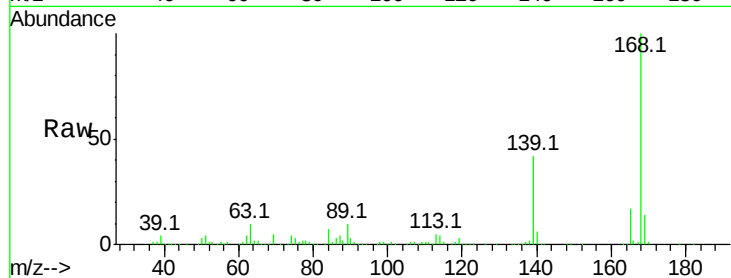
#54
Dibenzofuran
Concen: 43.94 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	24.2	36.2#
169	13.6	10.6	15.8

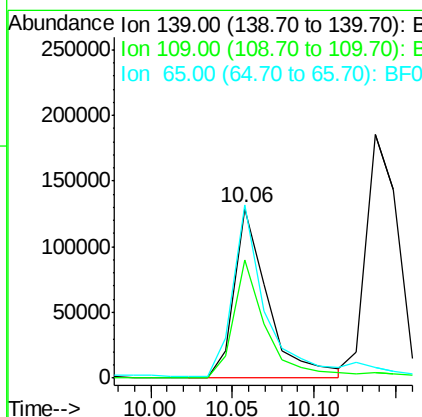
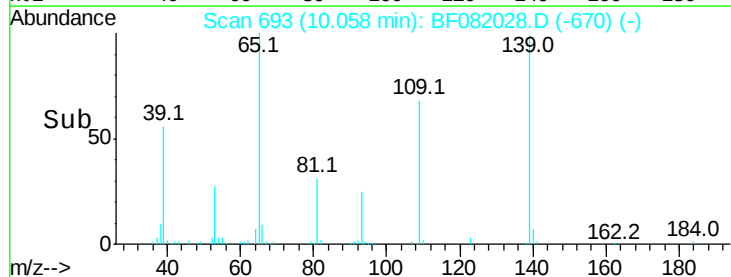
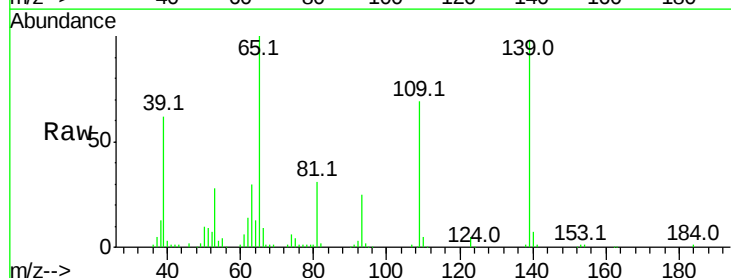
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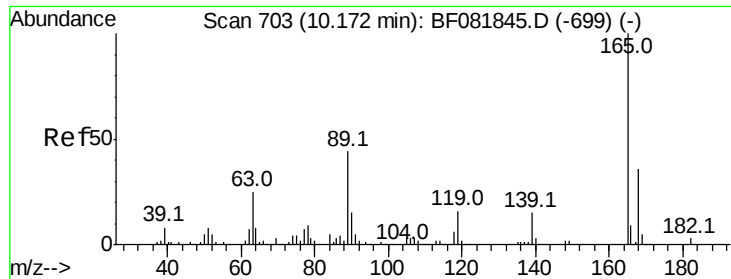
MMDADODA
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#55
4-Nitrophenol
Concen: 78.23 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	12.7	52.7#
65	101.8	45.9	85.9#





#56

2,4-Dinitrotoluene

Concen: 46.67 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF082028.D

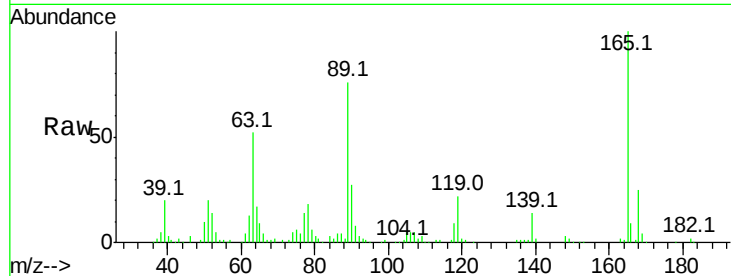
Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD



Tot Ion:165 Resp: 169545

Ion Ratio Lower Upper

165 100

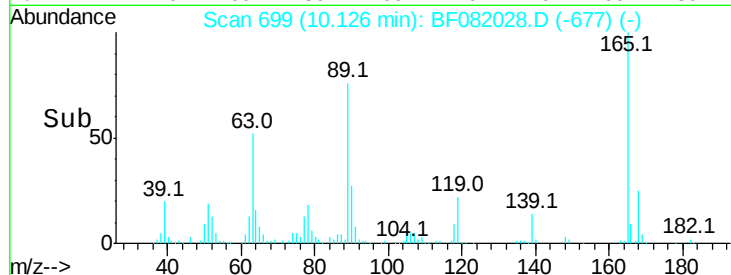
63 52.5 29.8 44.6#

89 76.2 44.5 66.7#

182 2.1 3.0 4.4#

Manual Integrations
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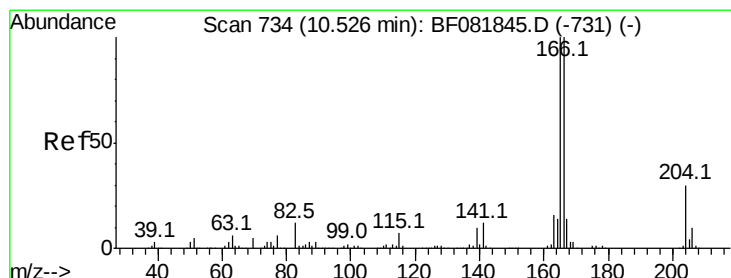
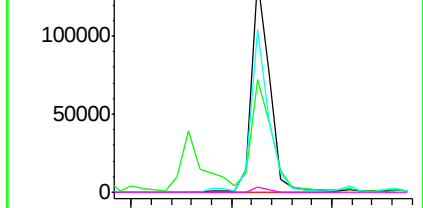


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 49.65 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

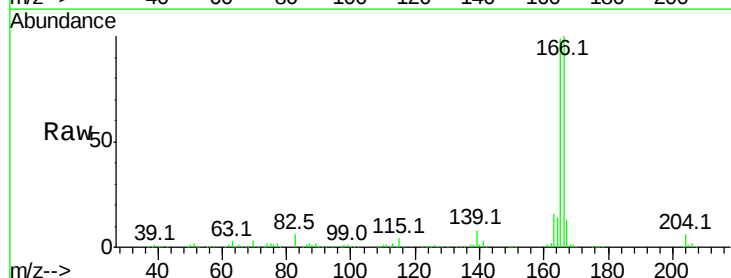
Tgt Ion:166 Resp: 546969

Ion Ratio Lower Upper

166 100

165 99.5 72.6 109.0

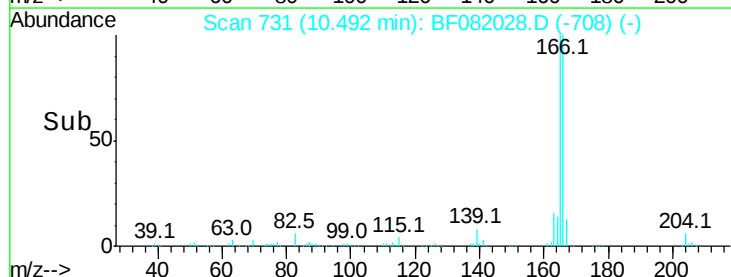
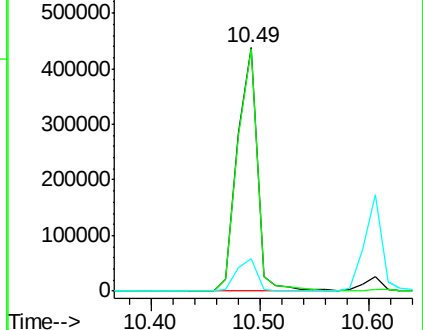
167 13.1 10.6 16.0

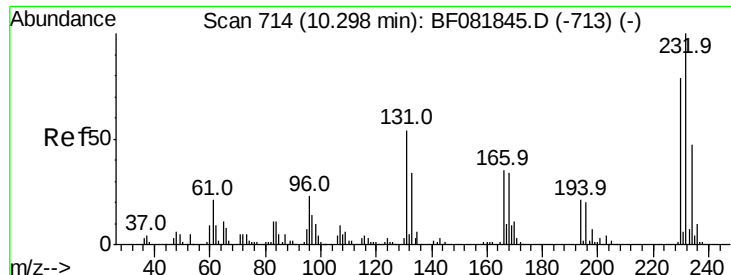


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





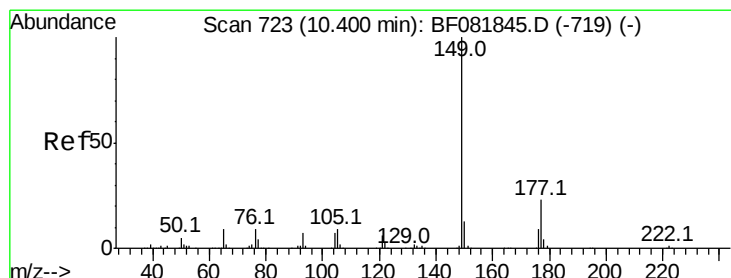
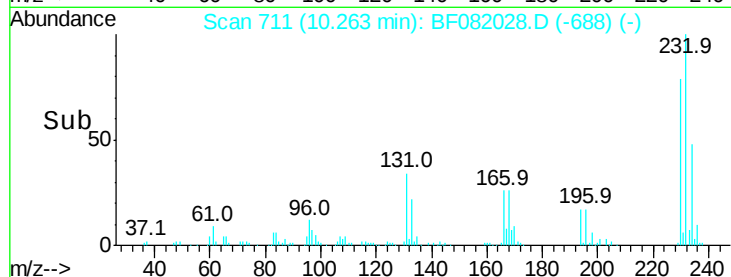
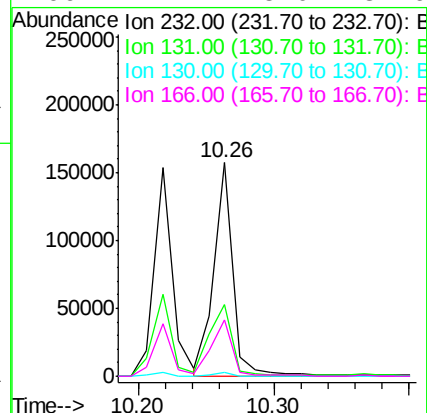
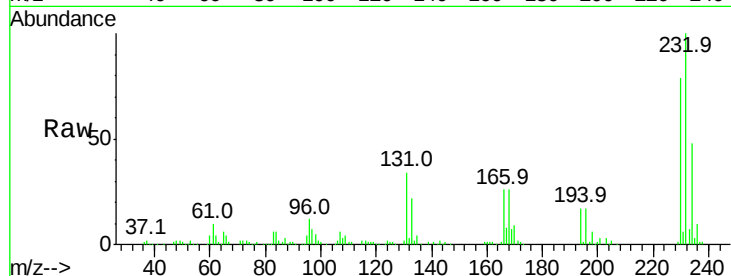
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.59 ng/ml
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-37-38MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	35.8	38.5	57.7#
130	1.9	1.8	2.6
166	22.4	25.0	37.6#

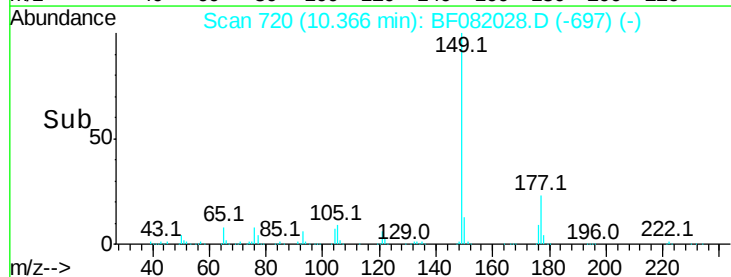
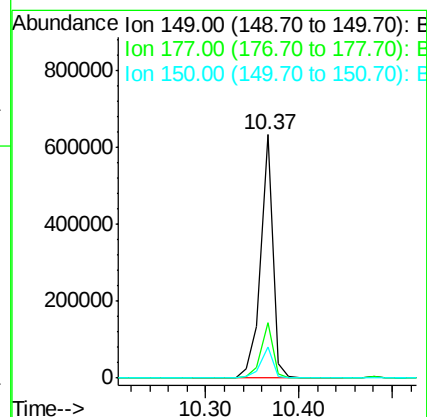
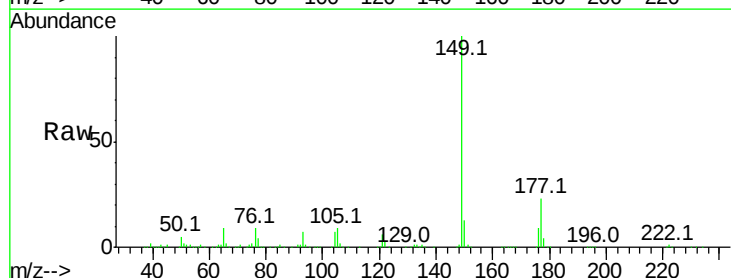
Manual Integrations
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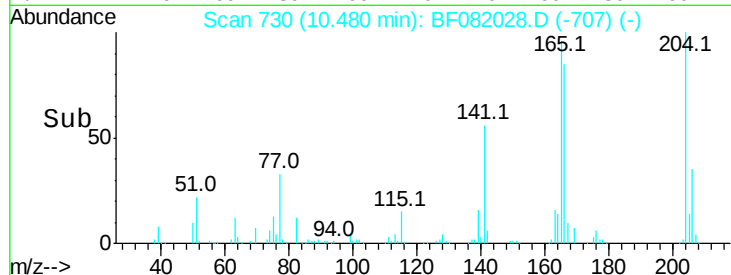
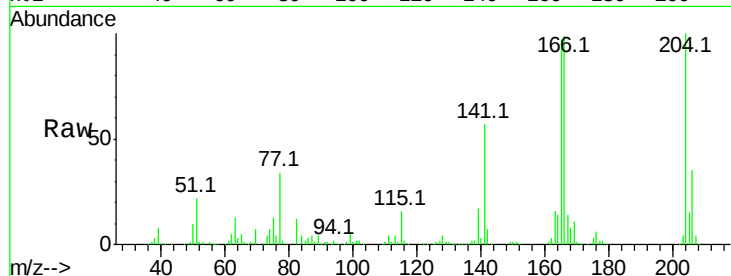
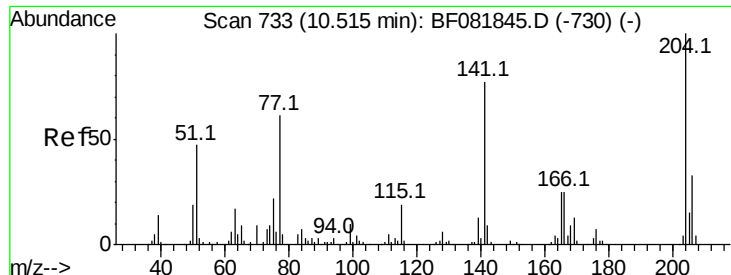
MMDADODA
 10/5/2015 6:27:40 PM



#59
 Diethylphthalate
 Concen: 46.89 ng/ml
 RT: 10.37 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF082028.D
 Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.7	17.5	26.3
150	12.7	9.4	14.2





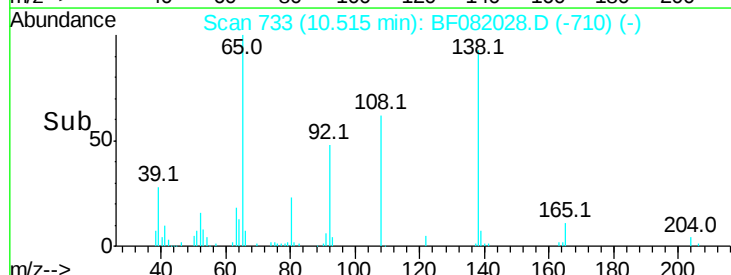
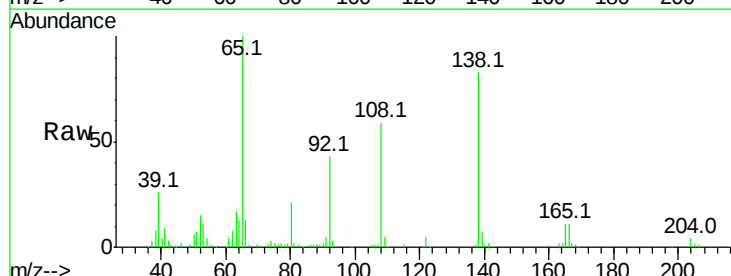
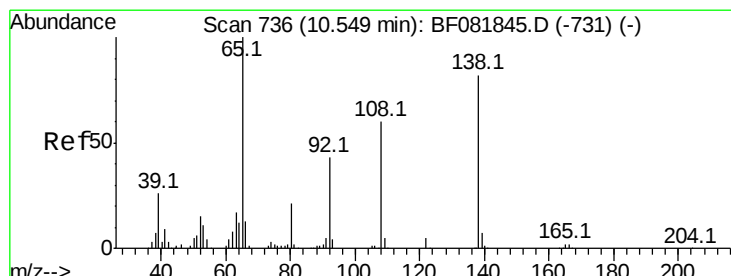
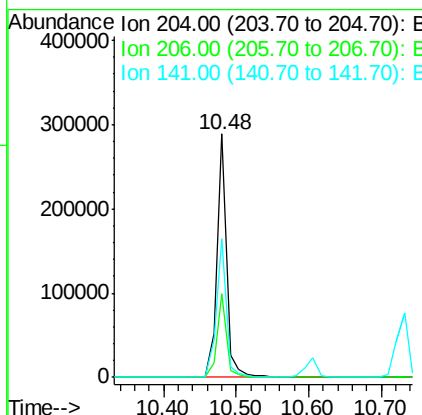
#60
4-Chlorophenyl-phenylether
Concen: 46.87 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

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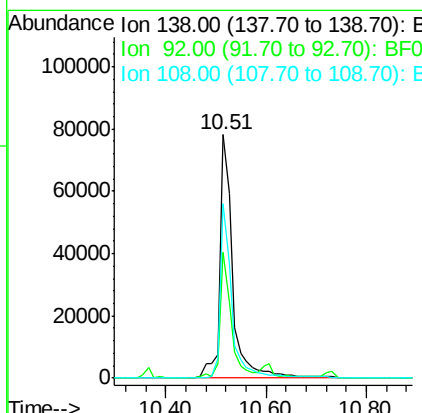
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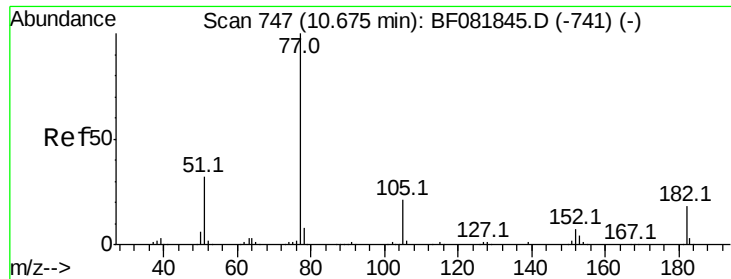
Tot Ion	Ratio	Resp	Lower	Upper
204	100	265504		
206	34.5		24.8	37.2
141	57.2		42.2	63.4



#61
4-Nitroaniline
Concen: 42.21 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	139536		
92	51.7		12.6	52.6
108	71.6		12.4	52.4#





#62

Azobenzene

Concen: 47.50 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

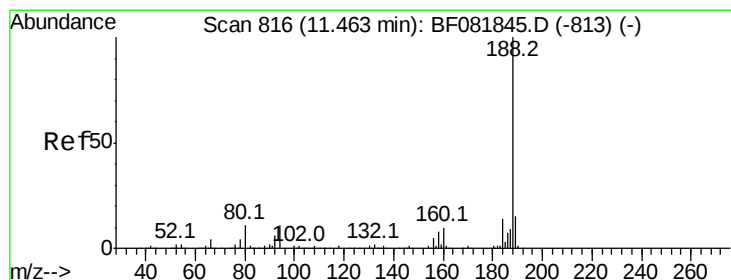
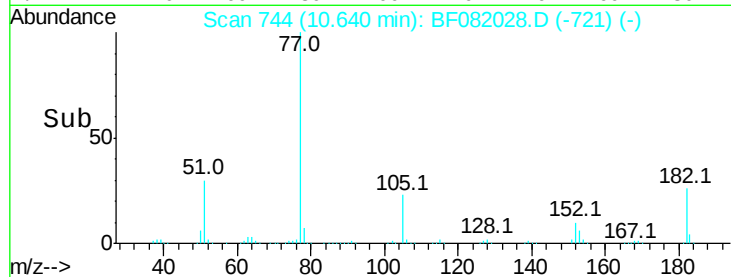
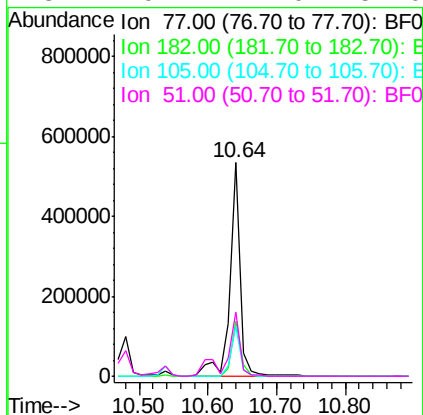
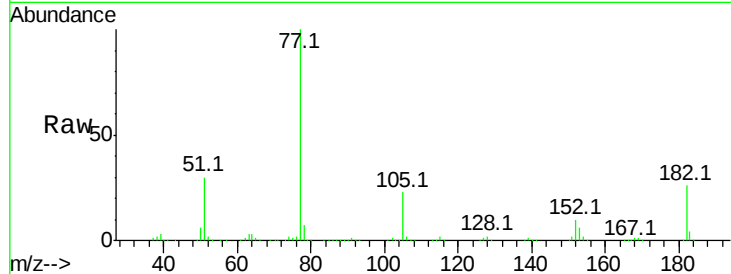
ClientSampleId :

MGP220BR-37-38MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.1	15.1	55.1	
105	23.3	3.4	43.4	
51	29.7	12.0	52.0	

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

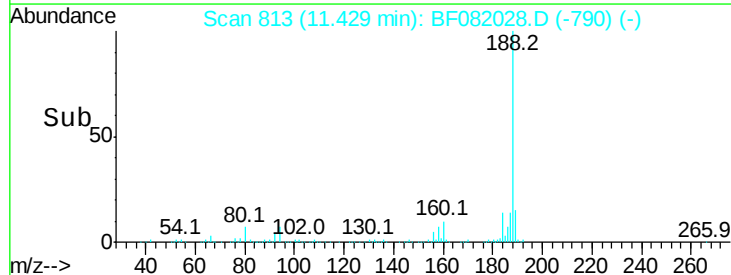
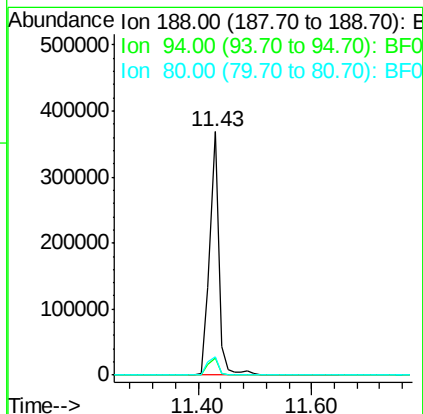
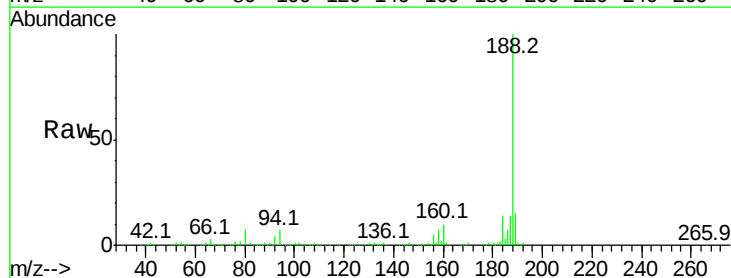
RT: 11.43 min Scan# 813

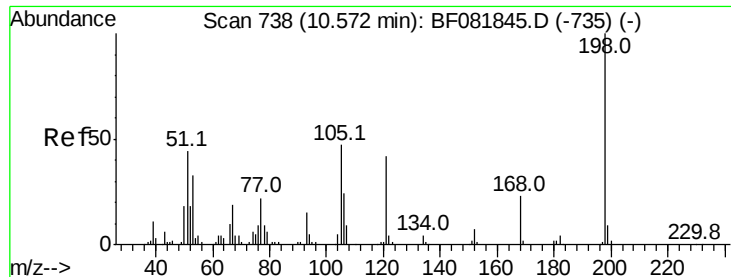
Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	11.1	16.7#	
80	7.5	11.0	16.4#	





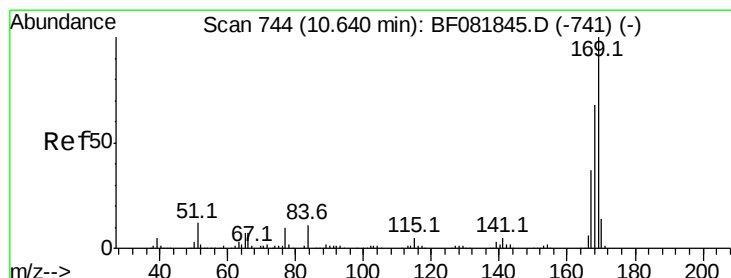
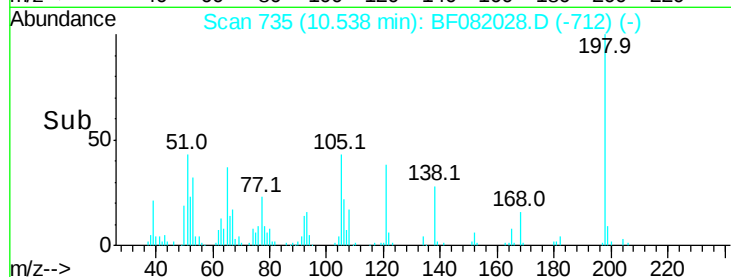
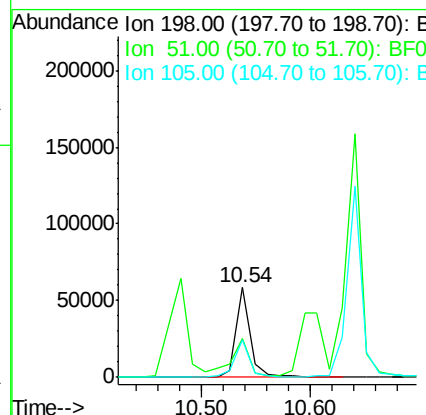
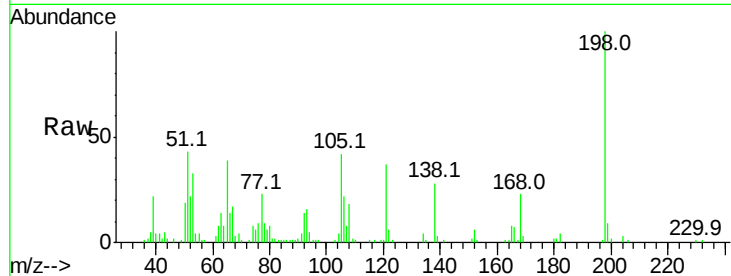
#64
4,6-Dinitro-2-methylphenol
Concen: 31.68 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.6	39.6	79.6
105	42.2	28.5	68.5

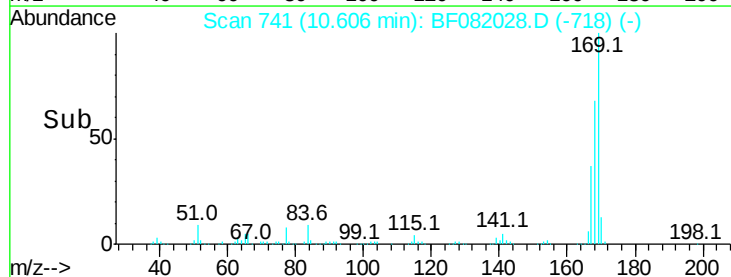
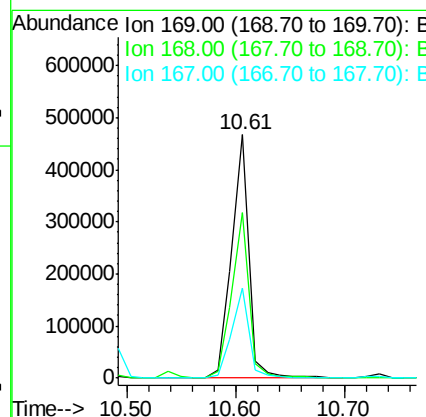
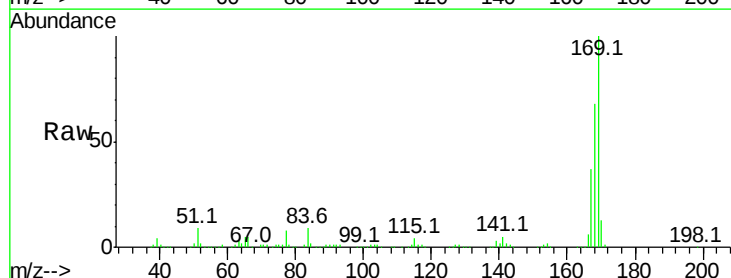
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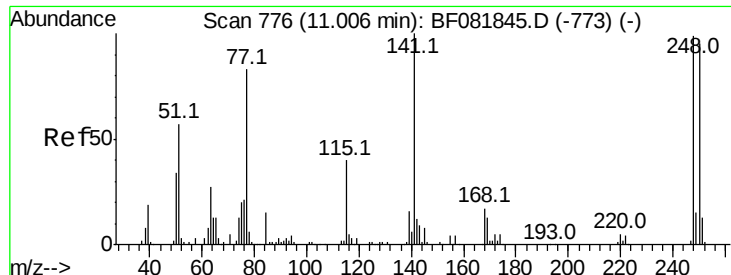
MMDADODA
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#65
n-Nitrosodiphenylamine
Concen: 42.78 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	48.9	73.3
167	37.1	26.2	39.4





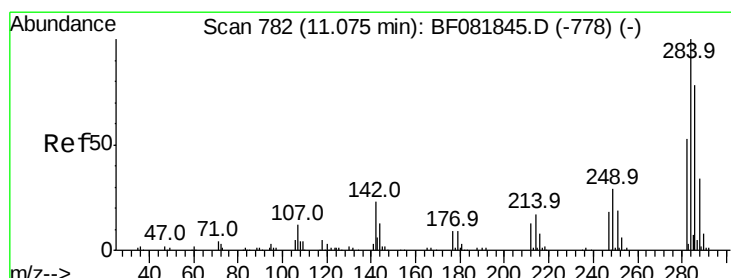
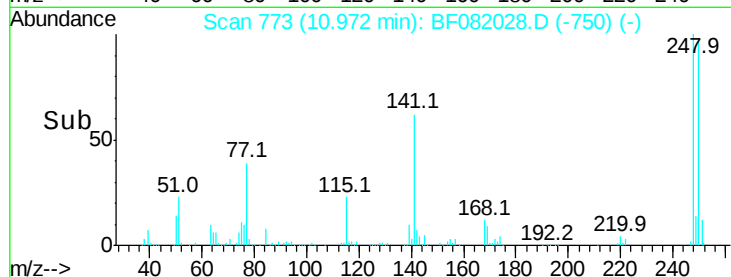
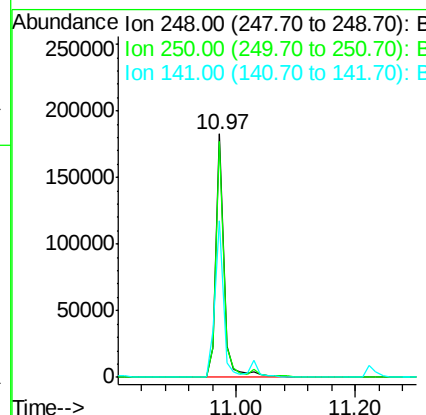
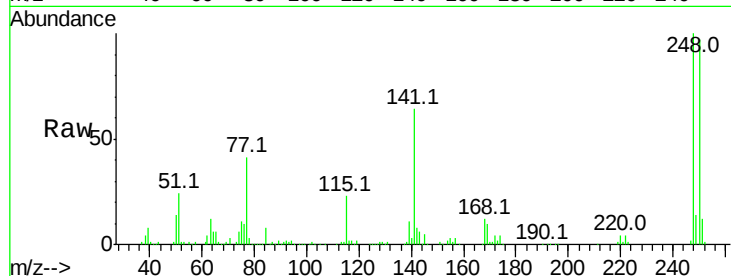
#66
4-Bromophenyl-phenylether
Concen: 43.43 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.5	117.7
141	64.2	59.0	88.6

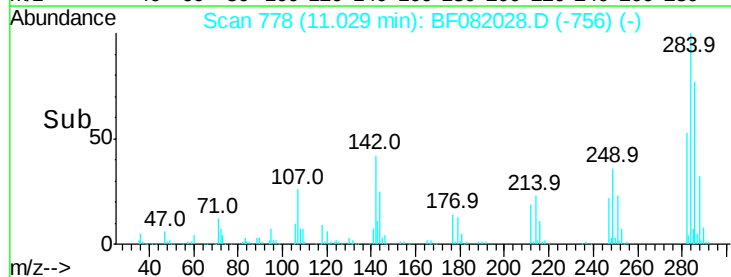
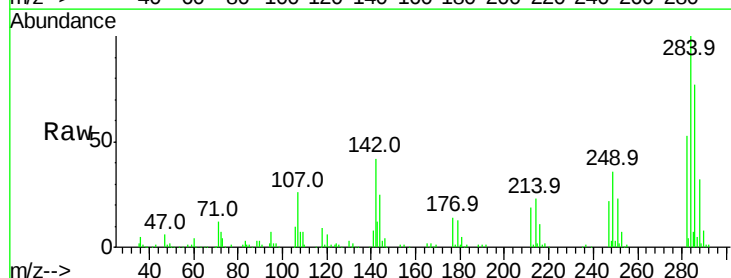
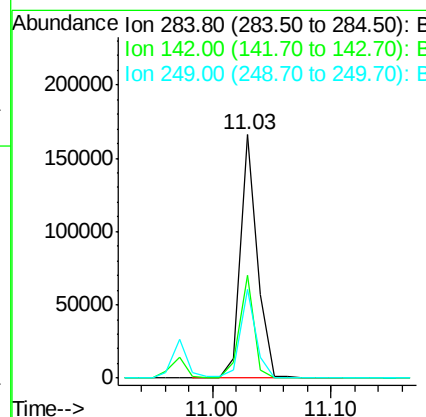
Manual Integrations
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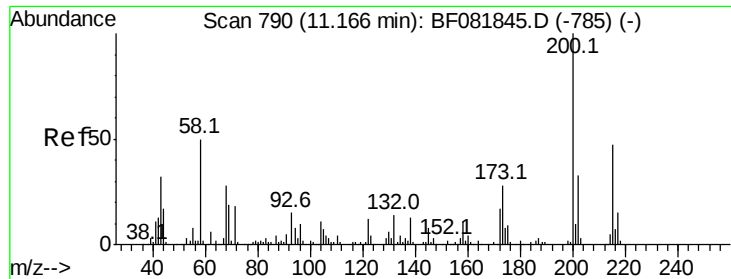
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#67
Hexachlorobenzene
Concen: 36.24 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	29.5	44.3
249	36.2	19.5	29.3





#68

Atrazine

Concen: 43.74 ng

RT: 11.13 min Scan# 787

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

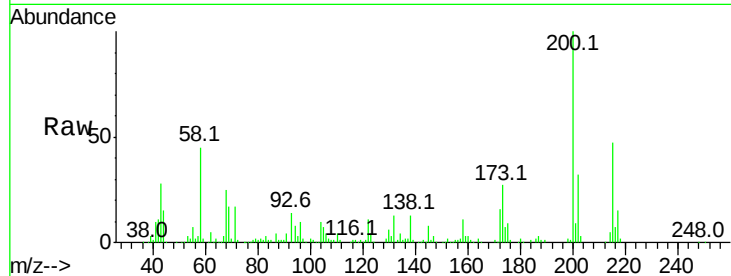
ClientSampleId :

MGP220BR-37-38MSD

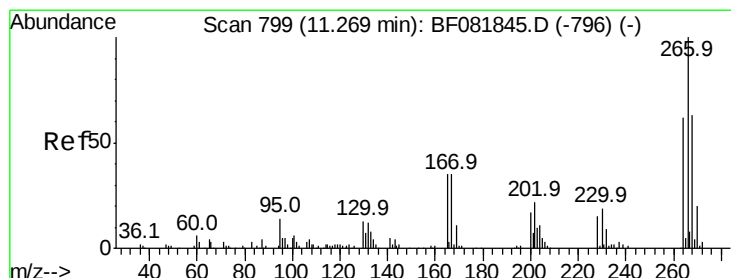
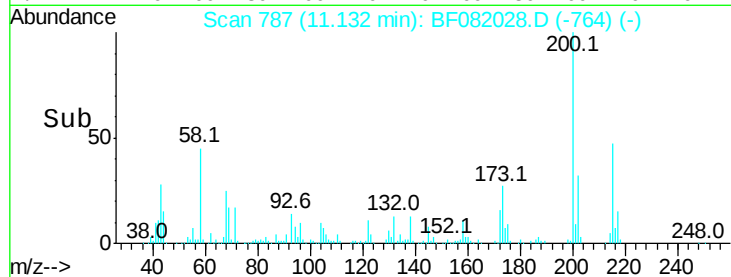
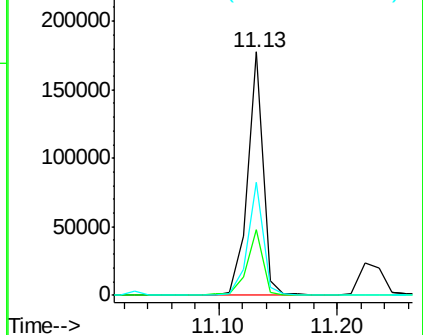
Tot Ion:	200	Resp:	163707
Ion Ratio	Lower	Upper	
200	100		
173	26.9	13.2	53.2
215	46.6	41.8	81.8

Manual Integrations
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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: 69.32 ng

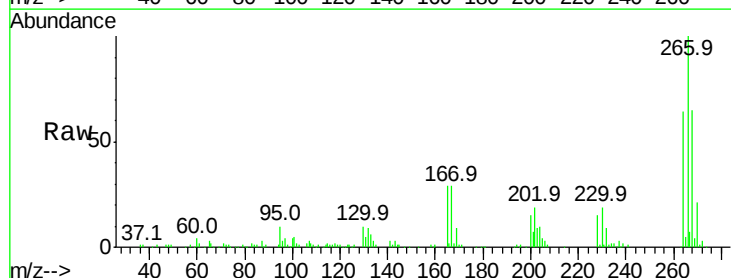
RT: 11.23 min Scan# 796

Delta R.T. -0.03 min

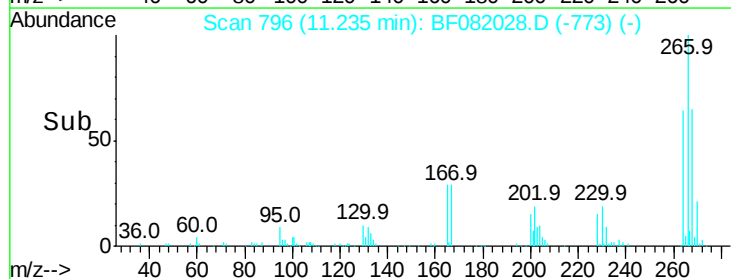
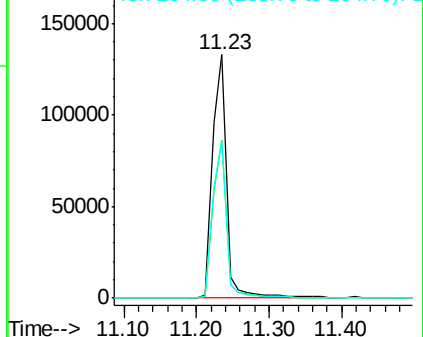
Lab File: BF082028.D

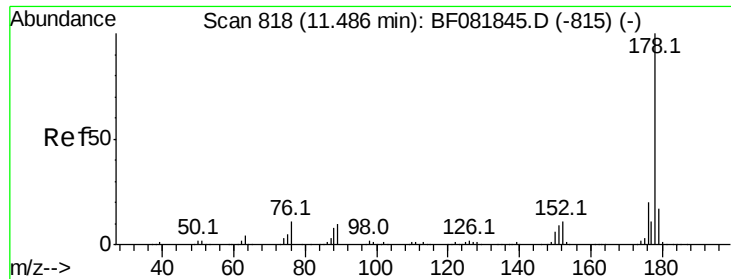
Acq: 3 Oct 2015 18:27

Tgt Ion:	266	Resp:	179178
Ion Ratio	Lower	Upper	
266	100		
268	64.9	49.8	74.6
264	64.1	50.2	75.2



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





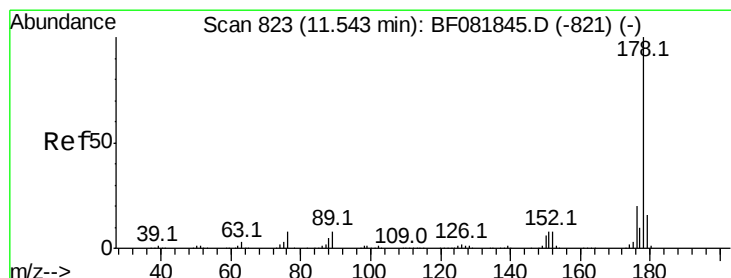
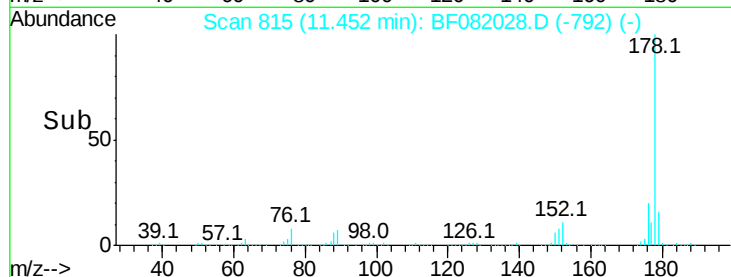
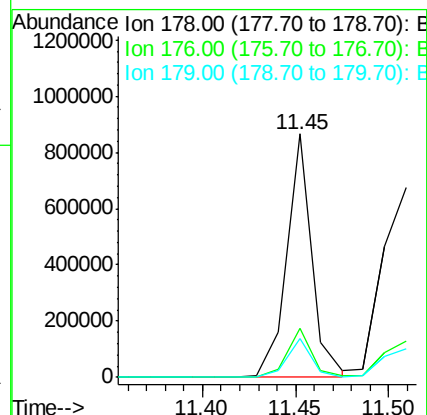
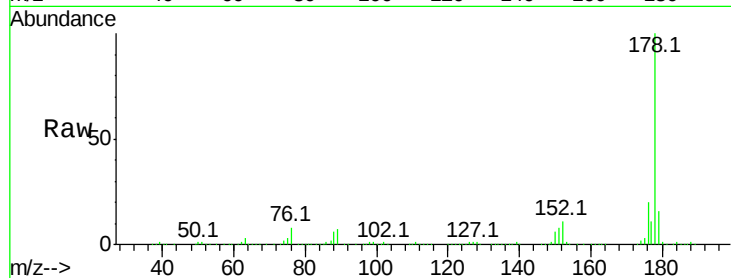
#70
Phenanthrene
Concen: 41.99 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	13.8	20.8
179	15.8	12.2	18.2

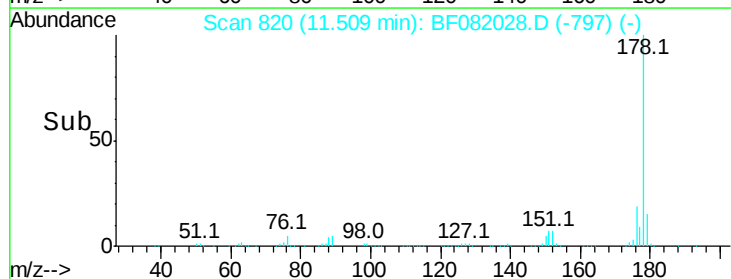
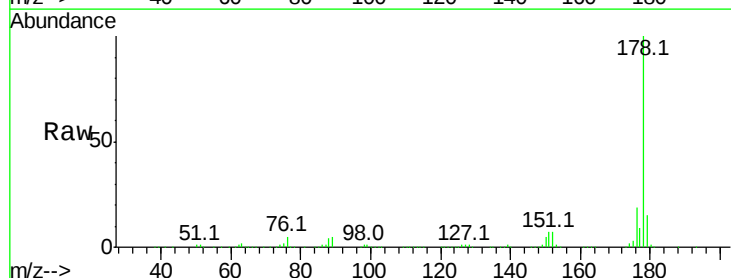
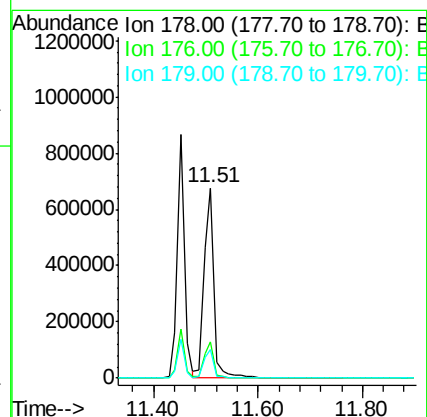
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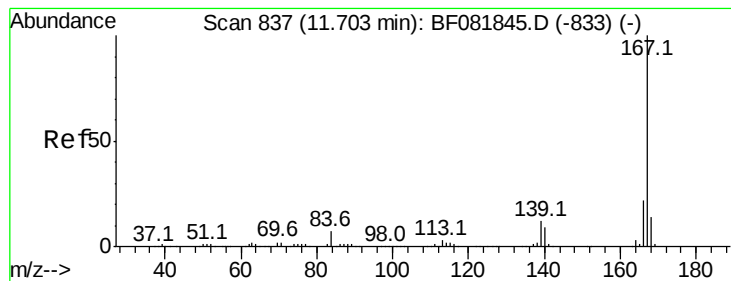
MMDADODA
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#71
Anthracene
Concen: 44.32 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	15.2	12.2	18.2





#72

Carbazole

Concen: 42.91 ng

RT: 11.66 min Scan# 833

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

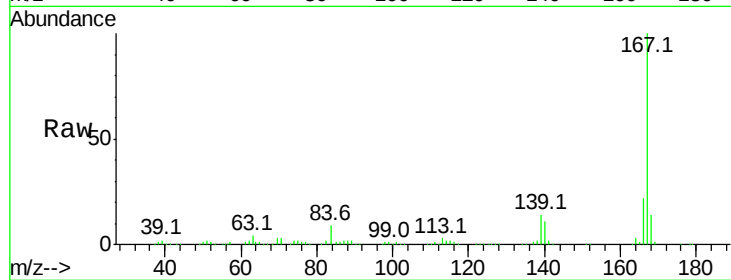
ClientSampleId :

MGP220BR-37-38MSD

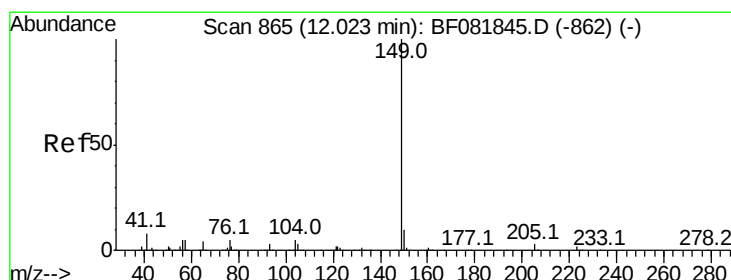
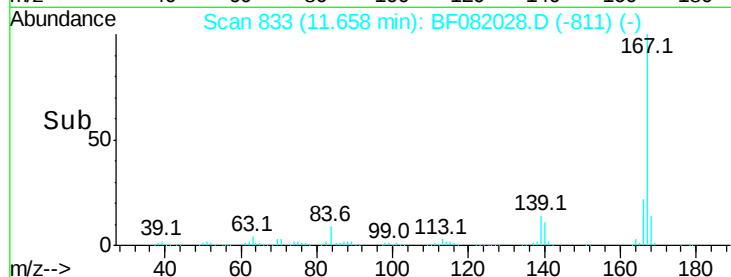
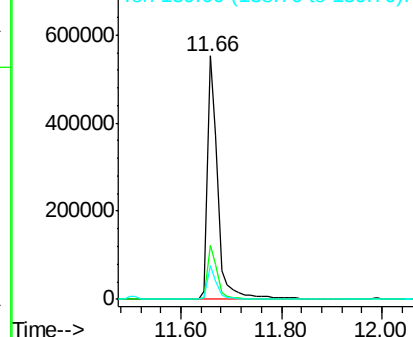
Tot Ion:	167	Resp:	786907
Ion Ratio	Lower	Upper	
167	100		
166	22.1	15.7	23.5
139	13.7	9.5	14.3

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.20 ng

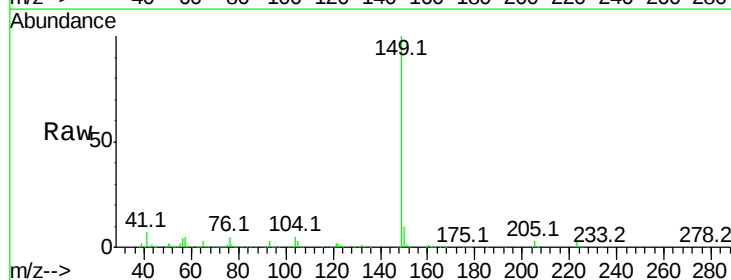
RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

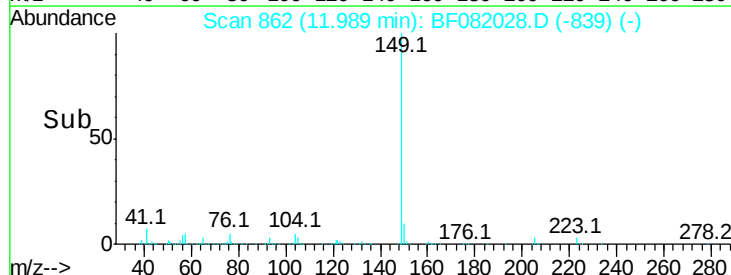
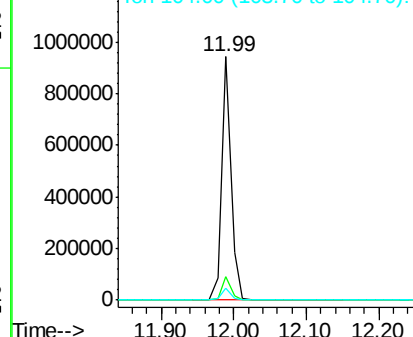
Lab File: BF082028.D

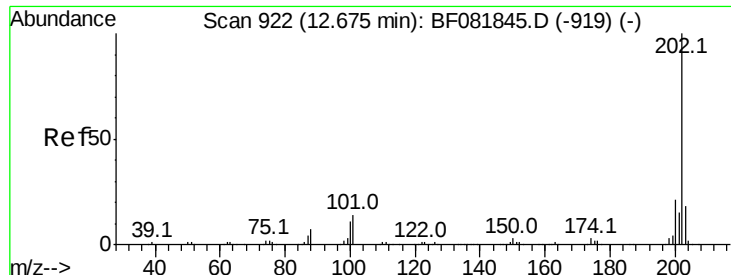
Acq: 3 Oct 2015 18:27

Tgt Ion:	149	Resp:	844160
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	4.9	2.4	3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.27 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

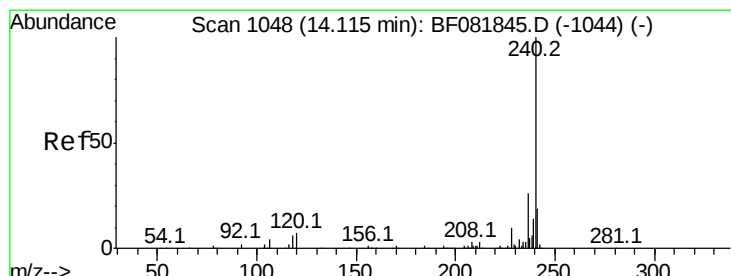
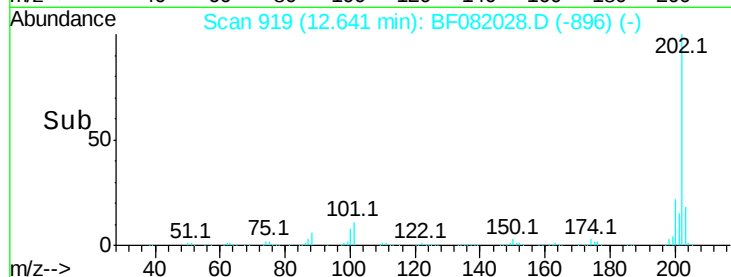
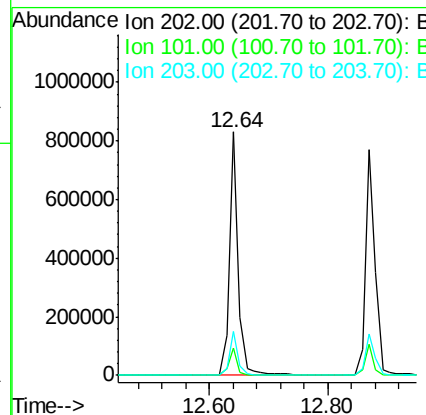
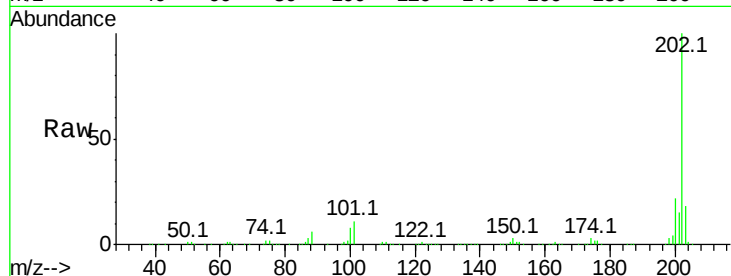
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
202	100	860095		
101	11.1	0.0	38.3	
203	18.2	0.0	37.3	



#75

Chrysene-d12

Concen: 20.00 ng

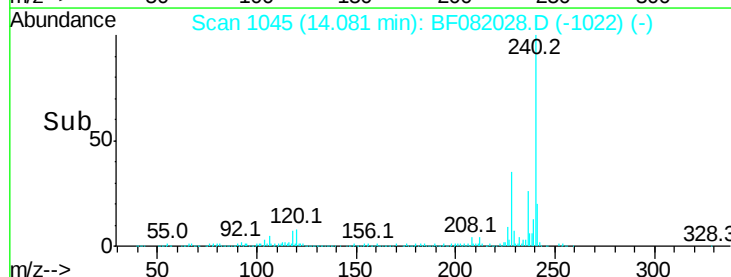
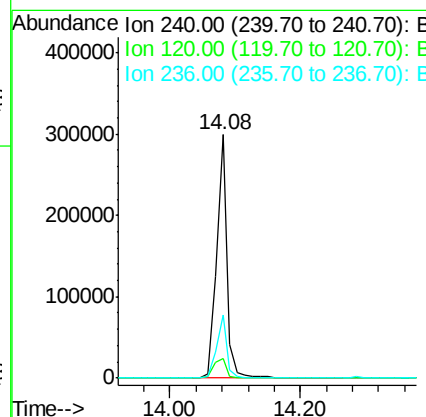
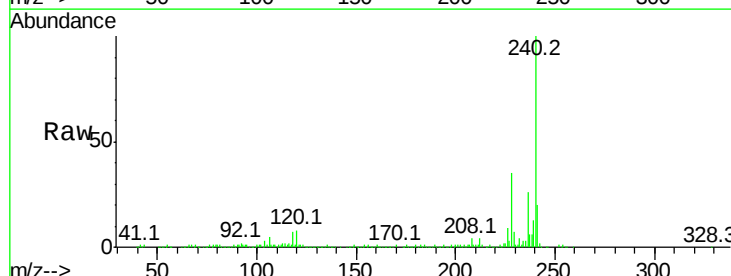
RT: 14.08 min Scan# 1045

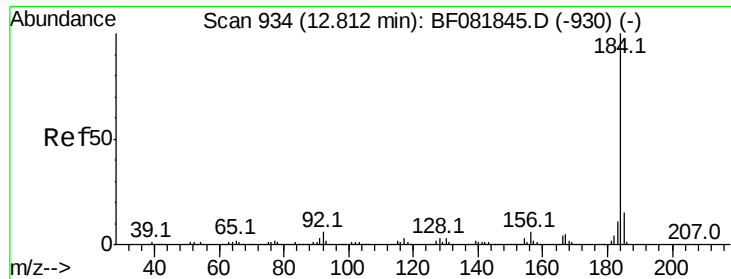
Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	338671		
120	8.1	16.2	24.2#	
236	25.9	18.4	27.6	





#76

Benzidine

Concen: 29.49 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

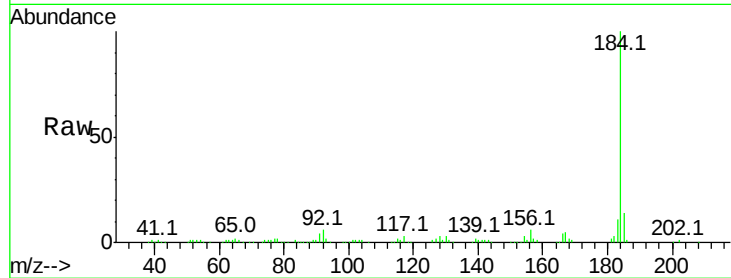
ClientSampleId :

MGP220BR-37-38MSD

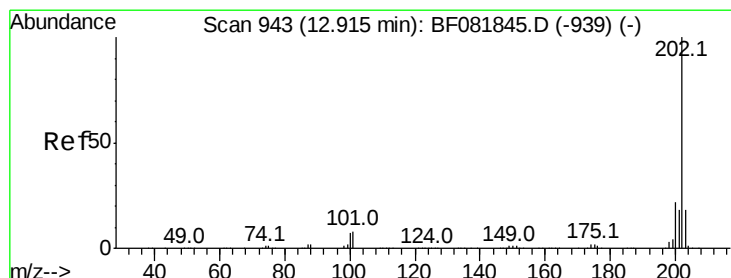
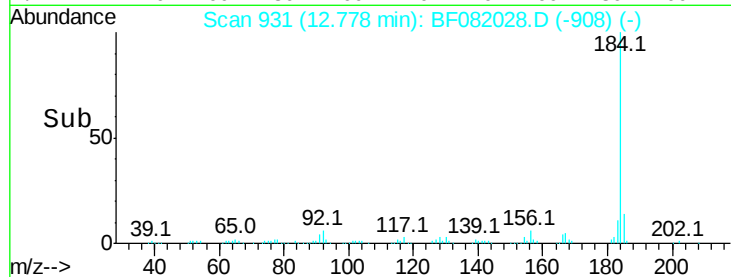
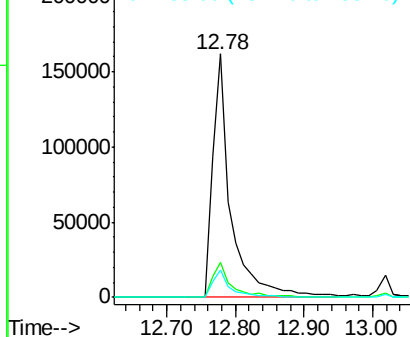
Tot Ion:	184	Resp:	300880
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.6
183	11.2	7.6	11.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.68 ng

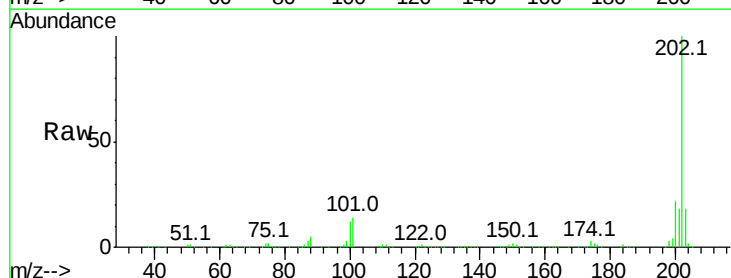
RT: 12.87 min Scan# 939

Delta R.T. -0.05 min

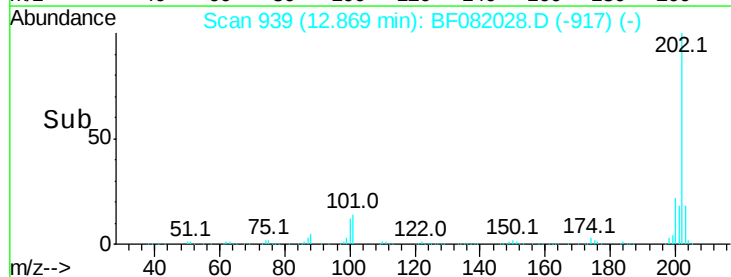
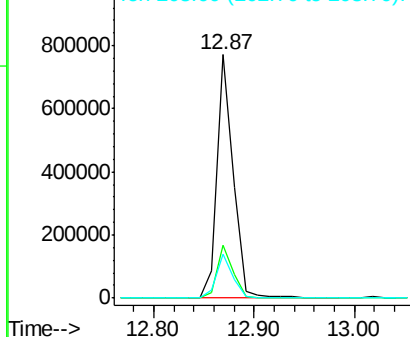
Lab File: BF082028.D

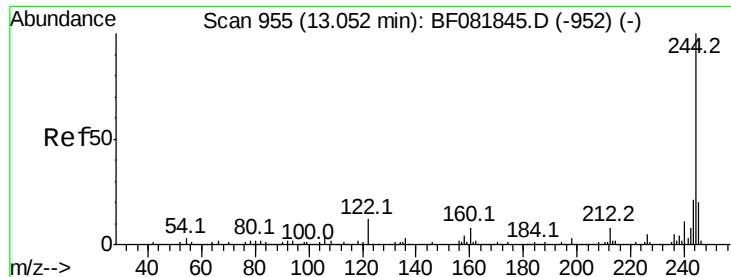
Acq: 3 Oct 2015 18:27

Tgt Ion:	202	Resp:	863607
Ion Ratio	Lower	Upper	
202	100		
200	21.8	15.0	22.4
203	18.3	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 103.75 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

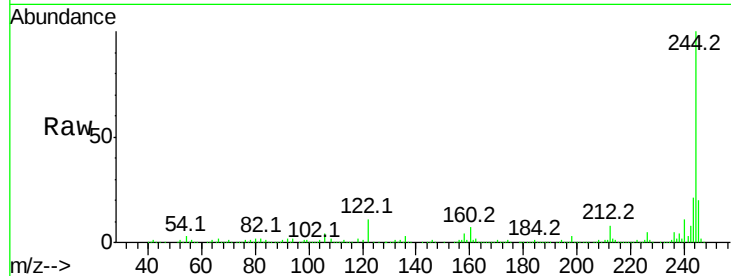
ClientSampleId :

MGP220BR-37-38MSD

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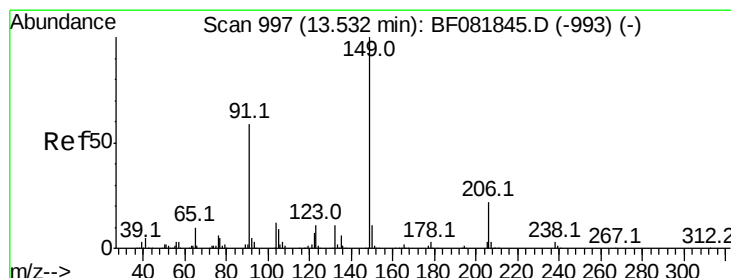
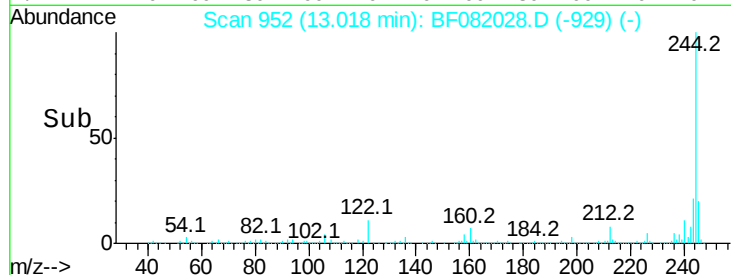
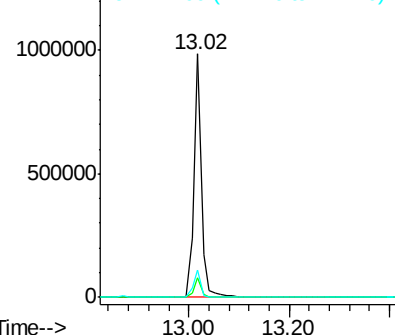
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.0	17.4	26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.71 ng

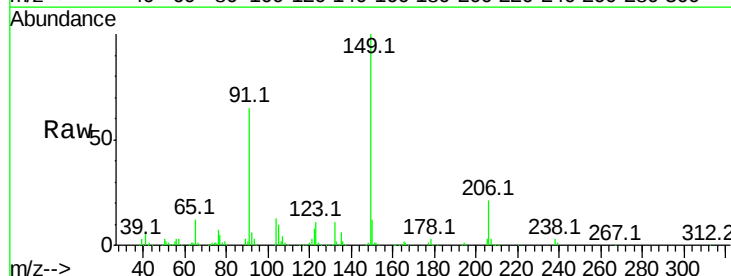
RT: 13.50 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

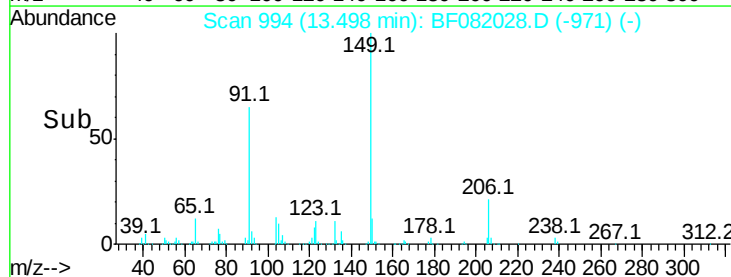
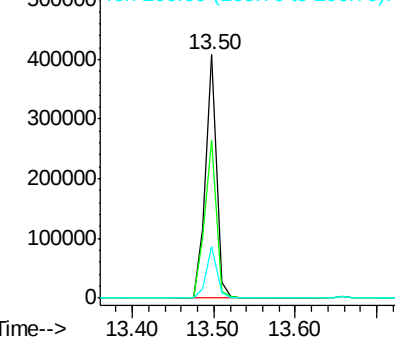
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	48.6	72.8
206	21.4	14.9	22.3

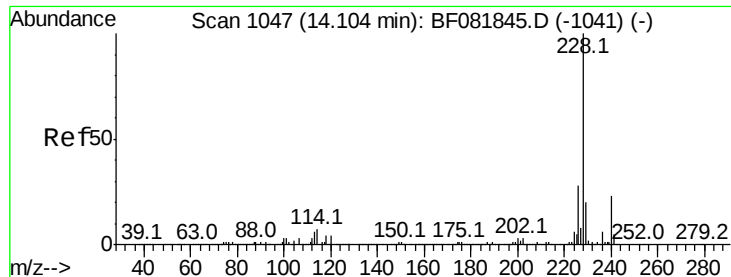


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





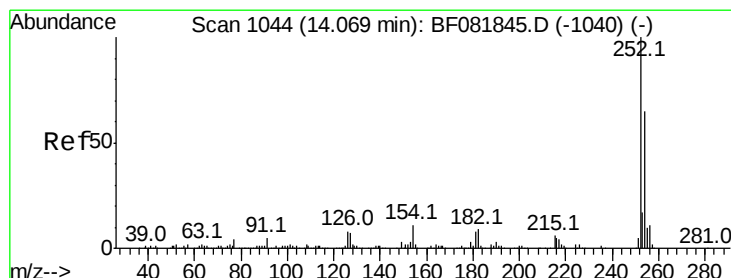
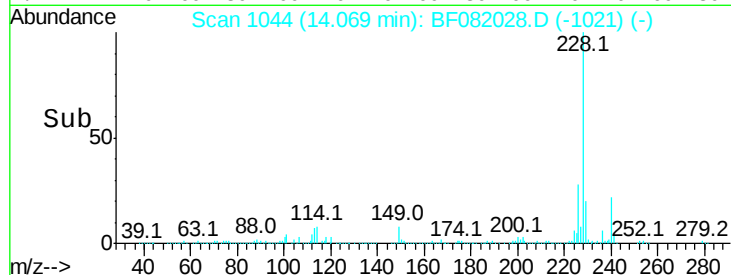
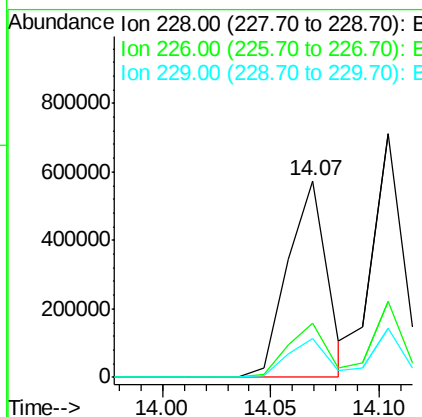
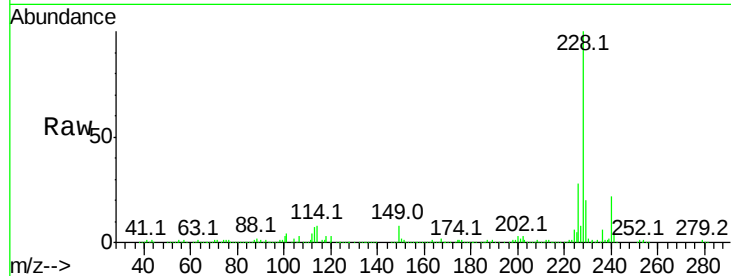
#80
Benzo(a)anthracene
Concen: 39.61 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.0	30.0
229	19.7	15.4	23.2

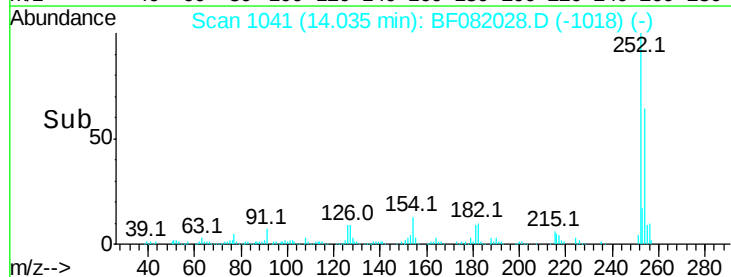
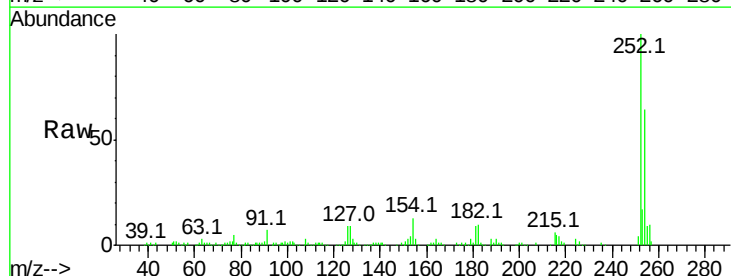
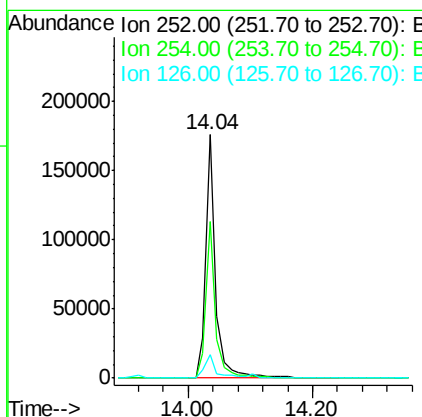
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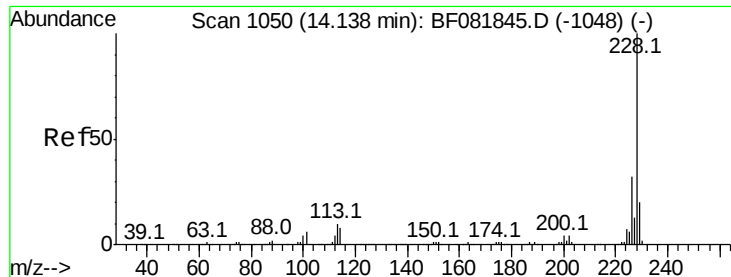
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#81
3,3'-Dichlorobenzidine
Concen: 31.65 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	9.4	16.4	24.6





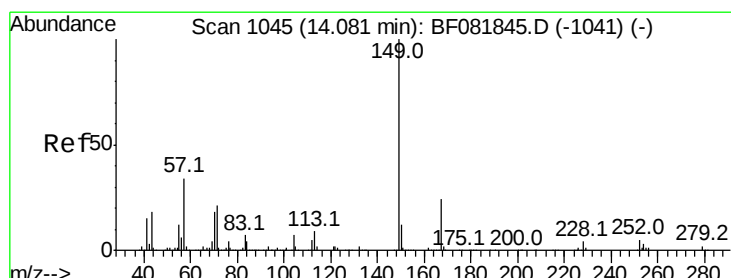
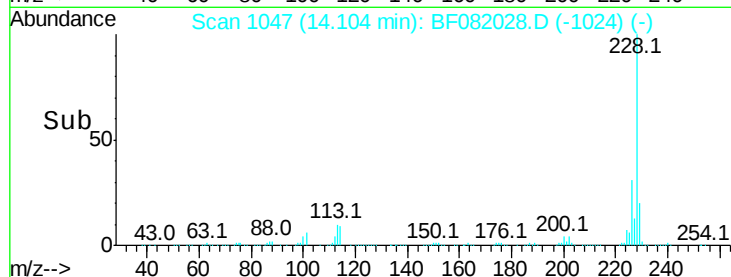
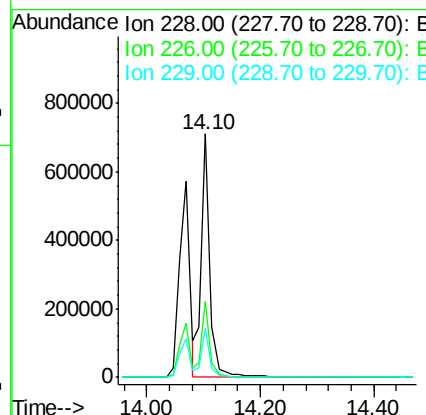
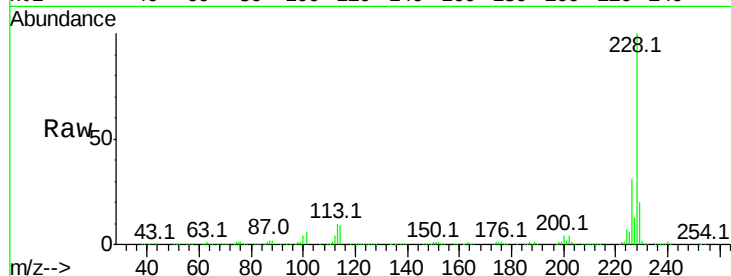
#82
Chrysene
Concen: 49.27 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.4
229	20.4	15.6	23.4

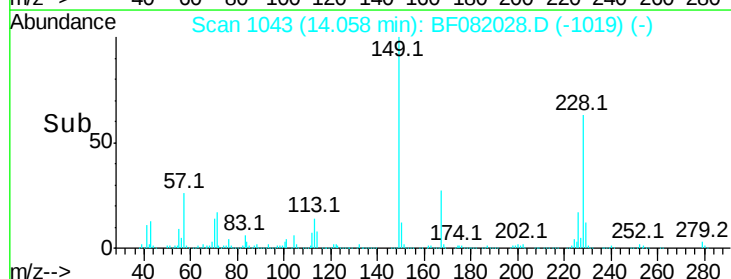
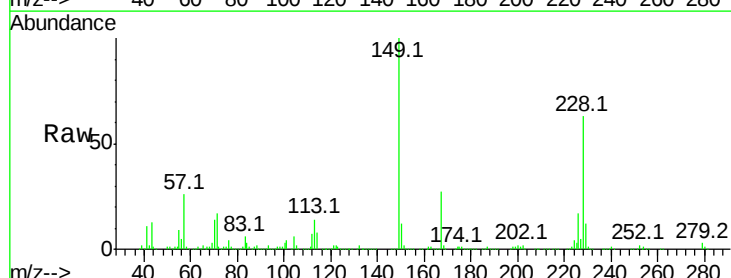
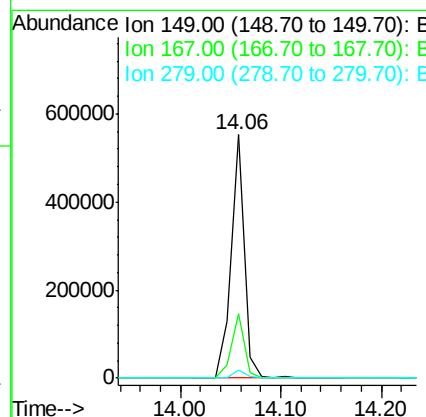
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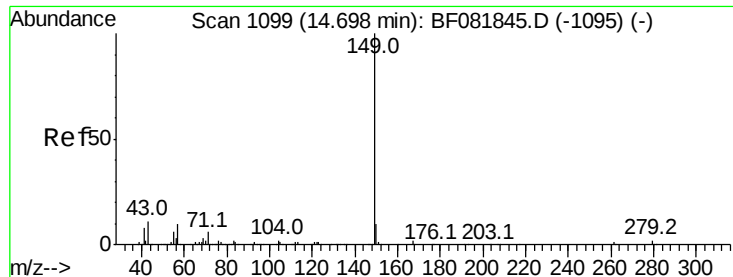
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#83
Bis(2-ethylhexyl)phthalate
Concen: 53.24 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	24.2	36.2
279	3.1	3.8	5.6#





#84

Di-n-octyl phthalate

Concen: 53.60 ng

RT: 14.68 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF082028.D

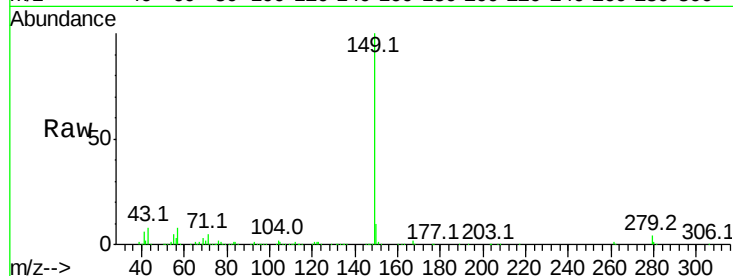
Acq: 3 Oct 2015 18:27

Instrument :

BNA_F

ClientSampleId :

MGP220BR-37-38MSD



Tot Ion:149 Resp: 832979

Ion Ratio Lower Upper

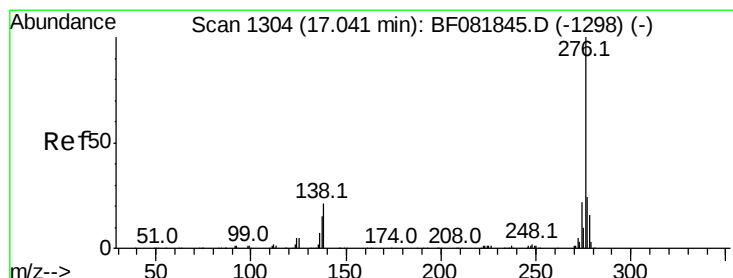
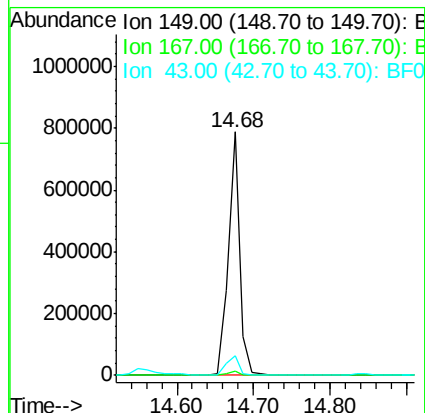
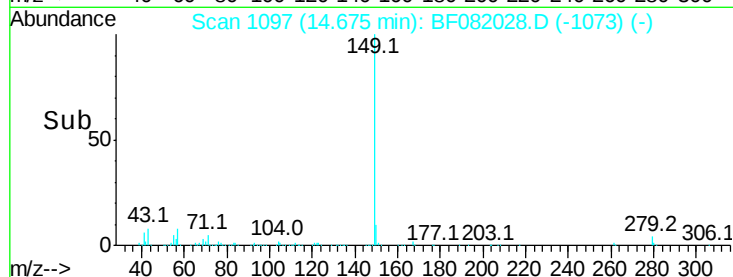
149 100

167 1.5 1.0 1.6

43 9.0 10.2 15.2#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 47.73 ng

RT: 17.00 min Scan# 1300

Delta R.T. -0.05 min

Lab File: BF082028.D

Acq: 3 Oct 2015 18:27

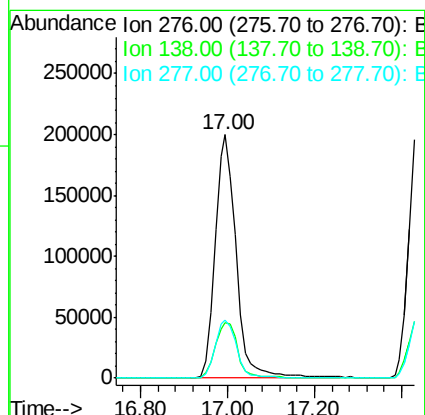
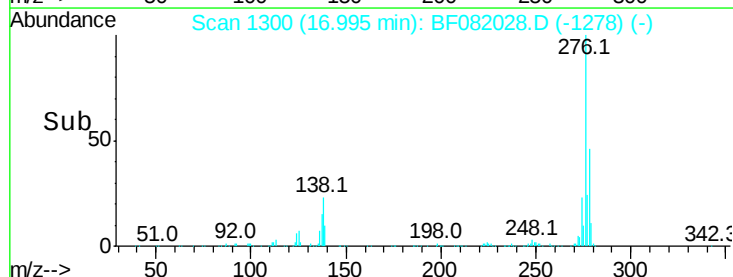
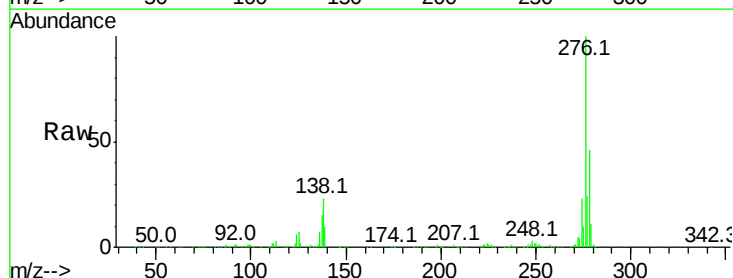
Tgt Ion:276 Resp: 680873

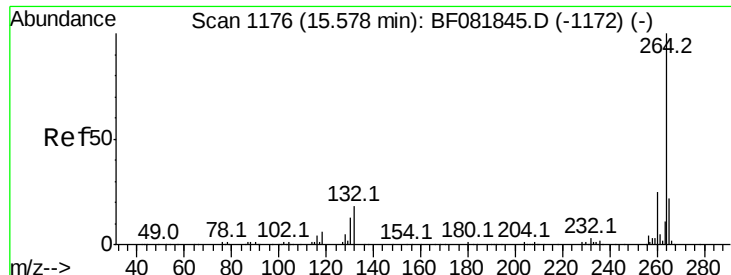
Ion Ratio Lower Upper

276 100

138 24.7 25.7 38.5#

277 24.8 15.6 23.4#





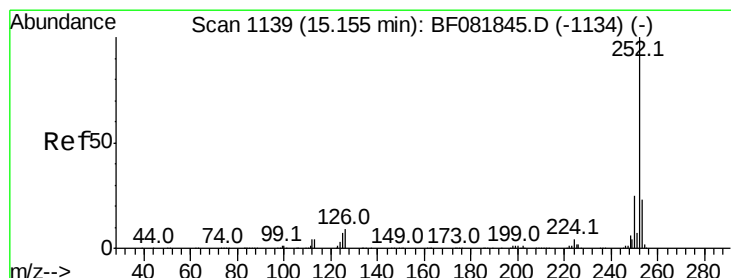
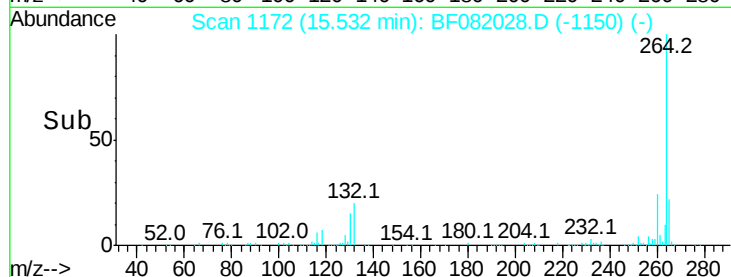
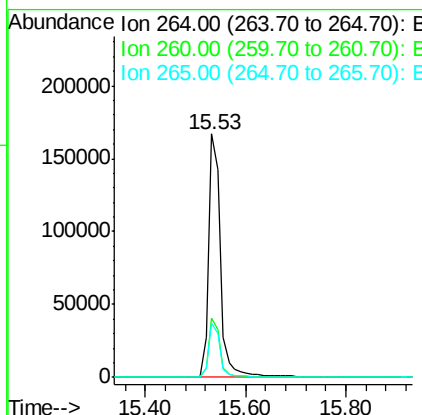
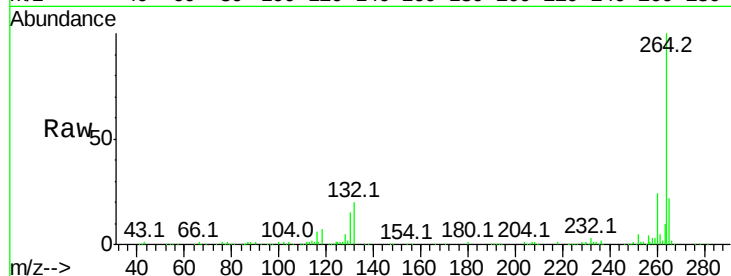
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.1	17.2	25.8

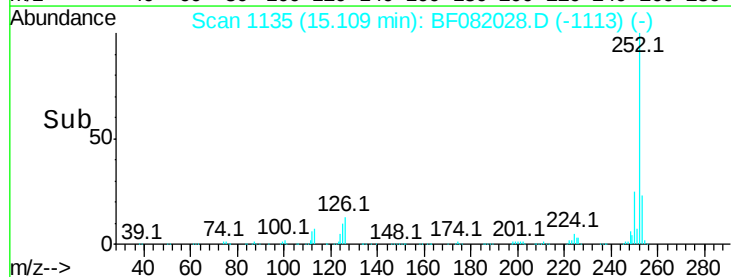
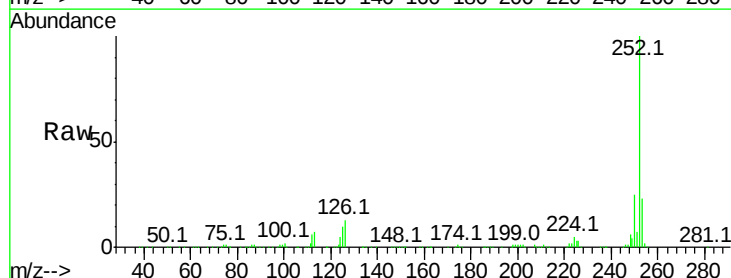
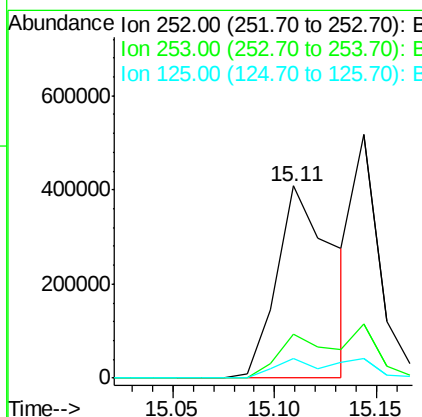
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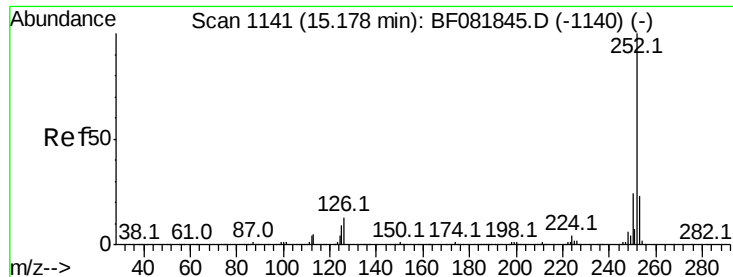
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#87
Benzo(b)fluoranthene
Concen: 49.52 ng m
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.9	17.1	25.7#





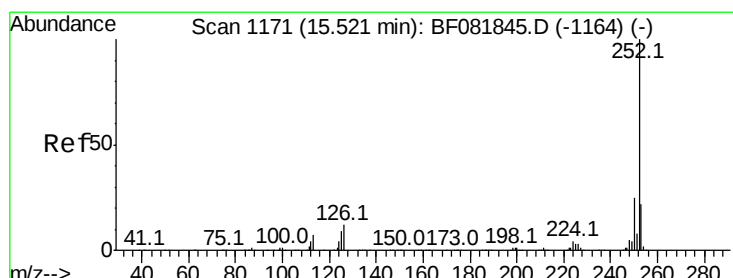
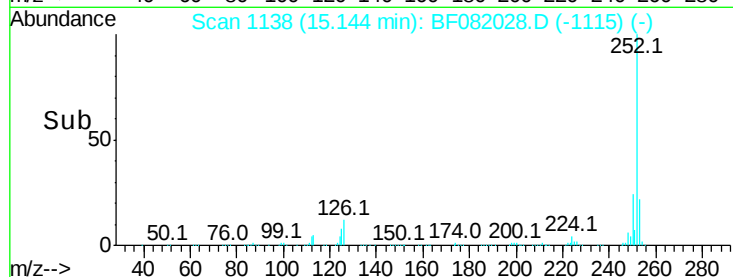
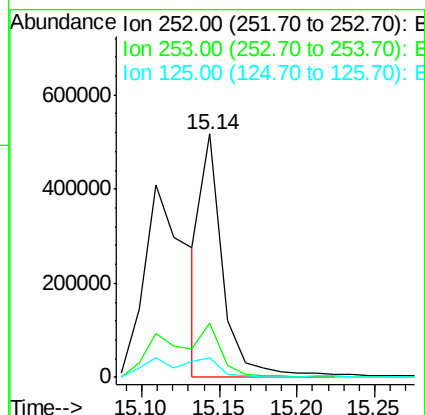
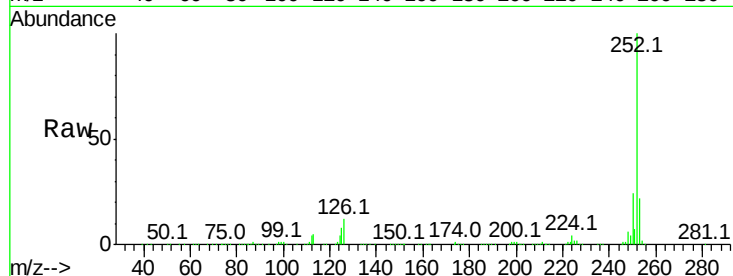
#88
Benzo(k)fluoranthene
Concen: 34.42 ng m
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.0	25.4
125	8.0	16.0	24.0

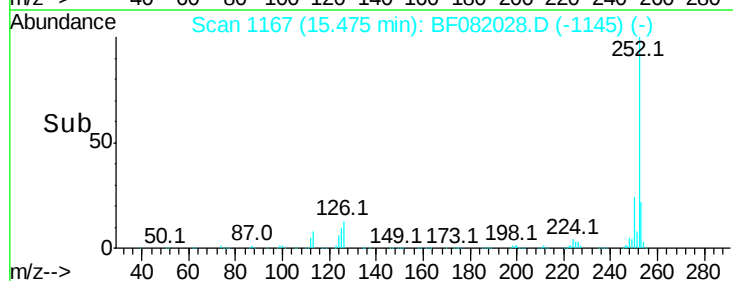
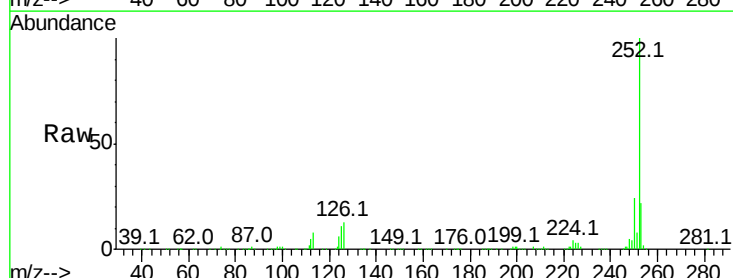
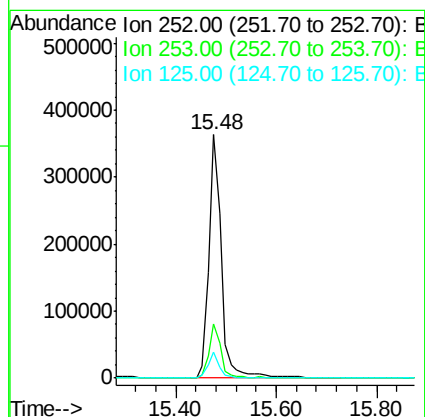
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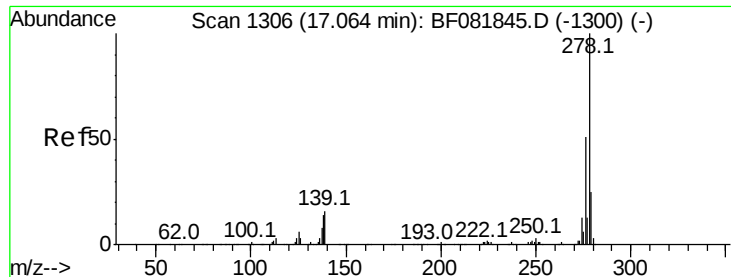
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#89
Benzo(a)pyrene
Concen: 45.29 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.5	18.0	27.0





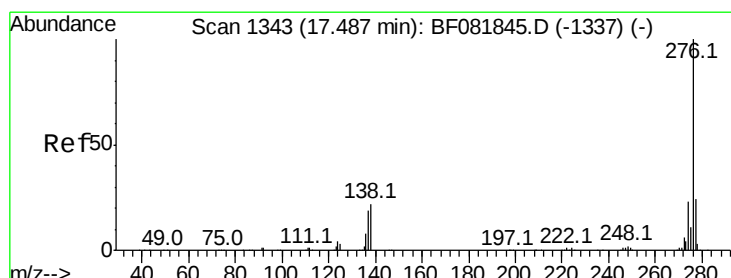
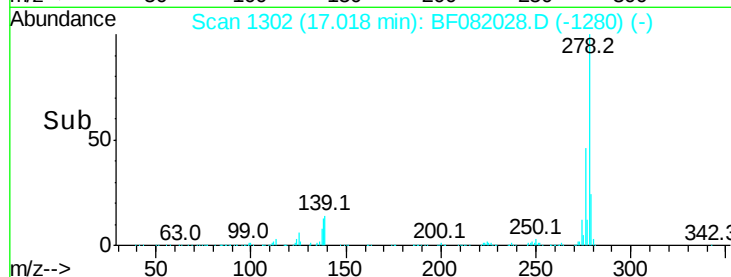
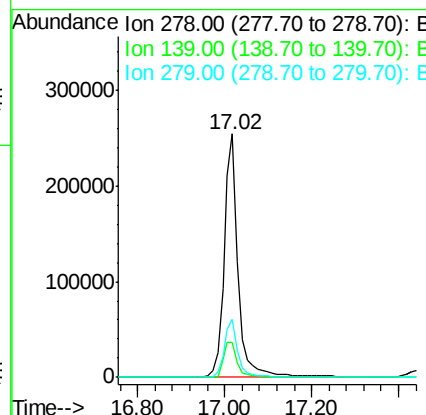
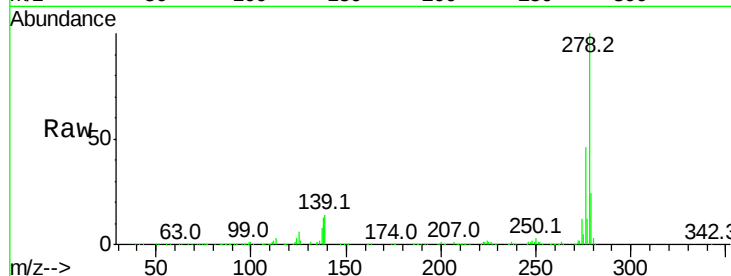
#90
Dibenzo(a,h)anthracene
Concen: 49.91 ng
RT: 17.02 min Scan# 1302
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Instrument :
BNA_F
ClientSampleId :
MGP220BR-37-38MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	26.3	39.5#
279	24.0	18.2	27.4

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#91
Benzo(g,h,i)perylene
Concen: 47.85 ng
RT: 17.44 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF082028.D
Acq: 3 Oct 2015 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	19.6	34.6	51.8#

