

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081473.D
 Acq On : 5 Sep 2015 19:25
 Operator : UM/IZ
 Sample : G3559-05MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:57:39 PM

Quant Time: Sep 07 03:48:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50927	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	195475	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	92733	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	188378	20.00	ng	0.00
75) Chrysene-d12	13.46	240	149574	20.00	ng	0.00
86) Perylene-d12	14.77	264	100818	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	418189	127.40	ng	0.01
7) Phenol-d6	6.03	99	563015	129.58	ng	0.00
23) Nitrobenzene-d5	6.94	82	375367	92.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	138319	167.52	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	527190	72.85	ng	0.00
78) Terphenyl-d14	12.43	244	552041	85.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.71	88	48220	32.71	ng	# 85
3) Pyridine	2.25	79	136247	33.52	ng	# 88
4) n-Nitrosodimethylamine	2.22	42	100305	44.42	ng	# 78
6) Aniline	6.02	93	201529	32.85	ng	# 76
8) 2-Chlorophenol	6.15	128	167987	46.44	ng	92
9) Benzaldehyde	5.90	77	16603	6.10	ng	# 79
10) Phenol	6.04	94	213374	42.35	ng	# 46
11) bis(2-Chloroethyl)ether	6.11	93	168391	46.32	ng	89
12) 1,3-Dichlorobenzene	6.30	146	163153	42.22	ng	# 93
13) 1,4-Dichlorobenzene	6.38	146	167509	42.57	ng	# 91
14) 1,2-Dichlorobenzene	6.52	146	138365	39.05	ng	# 86
15) Benzyl Alcohol	6.52	79	155935	43.75	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	332935	47.78	ng	83
17) 2-Methylphenol	6.66	107	141452	49.01	ng	# 76
18) Hexachloroethane	6.87	117	61222	39.99	ng	93
19) n-Nitroso-di-n-propylamine	6.81	70	145535	49.22	ng	# 84
20) 3+4-Methylphenols	6.82	107	187447	48.17	ng	88
22) Acetophenone	6.79	105	251350	47.08	ng	# 75
24) Nitrobenzene	6.96	77	198481	47.17	ng	# 63
25) Isophorone	7.21	82	359354	47.69	ng	# 87
26) 2-Nitrophenol	7.28	139	91358	49.82	ng	# 51
27) 2,4-Dimethylphenol	7.35	122	153456	48.45	ng	# 85
28) bis(2-Chloroethoxy)methane	7.43	93	194161	44.60	ng	# 90
29) 2,4-Dichlorophenol	7.53	162	140507	51.16	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	143198	47.99	ng	97
31) Naphthalene	7.67	128	434582	41.69	ng	98
32) Benzoic acid	7.45	122	10364	6.88	ng	# 60
33) 4-Chloroaniline	7.74	127	113538	26.70	ng	# 82
34) Hexachlorobutadiene	7.80	225	78706	43.34	ng	98
35) Caprolactam	8.12	113	50701m	60.19	ng	
36) 4-Chloro-3-methylphenol	8.25	107	174634	56.80	ng	# 75
37) 2-Methylnaphthalene	8.36	142	335574	49.46	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	129128	44.03	ng	99
40) Hexachlorocyclopentadiene	8.51	237	129968	90.30	ng	95

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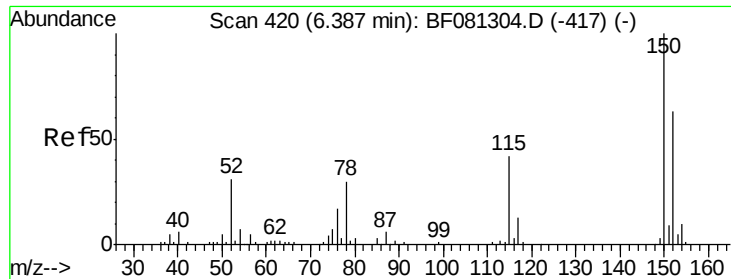
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92119	45.51	ng	99
43) 2,4,5-Trichlorophenol	8.71	196	98441	47.67	ng #	93
45) 1,1'-Biphenyl	8.83	154	383449	44.95	ng	93
46) 2-Chloronaphthalene	8.84	162	280283	45.49	ng #	89
47) 2-Nitroaniline	8.96	65	139280	55.47	ng #	69
48) Acenaphthylene	9.26	152	496212	45.40	ng	97
49) Dimethylphthalate	9.15	163	550638	76.43	ng #	97
50) 2,6-Dinitrotoluene	9.21	165	79448	48.58	ng	93
51) Acenaphthene	9.43	154	301186	48.44	ng	90
52) 3-Nitroaniline	9.37	138	72887	39.15	ng #	67
53) 2,4-Dinitrophenol	9.47	184	35795	51.97	ng #	1
54) Dibenzofuran	9.60	168	446683	49.20	ng #	91
55) 4-Nitrophenol	9.56	139	111539m	95.37	ng	
56) 2,4-Dinitrotoluene	9.60	165	98676	47.39	ng #	3
57) Fluorene	9.93	166	312836	45.40	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	85378m	54.16	ng	
59) Diethylphthalate	9.84	149	359513	47.44	ng	94
60) 4-Chlorophenyl-phenylether	9.94	204	165931	51.67	ng	95
61) 4-Nitroaniline	9.98	138	79414	42.22	ng #	23
62) Azobenzene	10.09	77	392377	46.57	ng #	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	52664	49.98	ng	97
65) n-Nitrosodiphenylamine	10.07	169	305882	44.62	ng	92
66) 4-Bromophenyl-phenylether	10.42	248	93577	49.13	ng	96
67) Hexachlorobenzene	10.48	284	93365	46.88	ng #	77
68) Atrazine	10.60	200	106849	53.87	ng	82
69) Pentachlorophenol	10.67	266	95250	96.25	ng	98
70) Phenanthrene	10.88	178	461682	44.08	ng	97
71) Anthracene	10.94	178	474703	44.12	ng	98
72) Carbazole	11.10	167	493051	48.83	ng	96
73) Di-n-butylphthalate	11.45	149	606942	50.91	ng #	99
74) Fluoranthene	12.06	202	516800	45.58	ng	83
76) Benzidine	12.19	184	235117	36.62	ng	98
77) Pyrene	12.27	202	544196	49.12	ng	98
79) Butylbenzylphthalate	12.92	149	255299	52.98	ng	87
80) Benzo(a)anthracene	13.45	228	413568	43.42	ng	96
81) 3,3'-Dichlorobenzidine	13.43	252	99512	30.97	ng #	96
82) Chrysene	13.49	228	351355	41.15	ng	96
83) Bis(2-ethylhexyl)phthalate	13.49	149	318032	50.01	ng #	88
84) Di-n-octyl phthalate	14.09	149	498371	47.60	ng	97
85) Indeno(1,2,3-cd)pyrene	15.84	276	296168	47.28	ng #	86
87) Benzo(b)fluoranthene	14.45	252	384924m	53.48	ng	
88) Benzo(k)fluoranthene	14.47	252	272370m	45.61	ng	
89) Benzo(a)pyrene	14.72	252	288550	47.31	ng #	87
90) Dibenzo(a,h)anthracene	15.85	278	250025	53.05	ng #	82
91) Benzo(g,h,i)perylene	16.16	276	250602	55.71	ng #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

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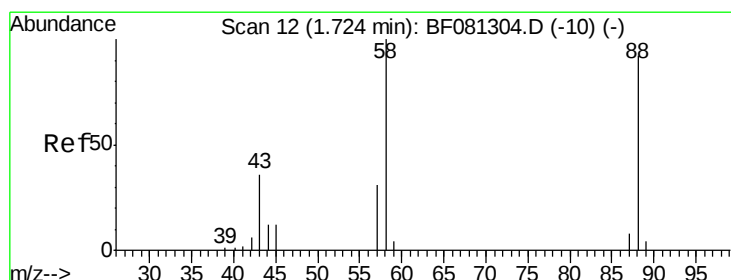
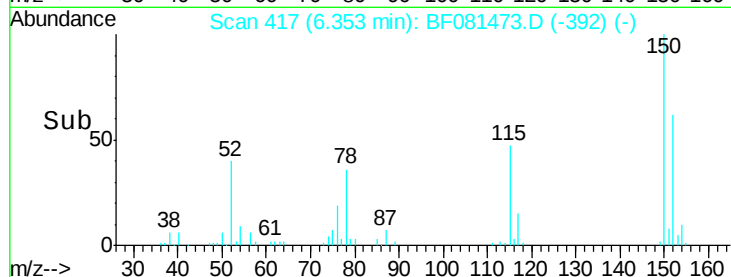
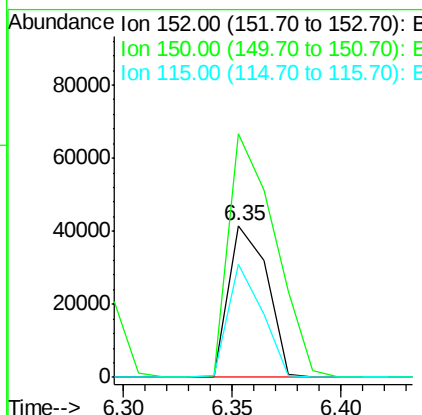
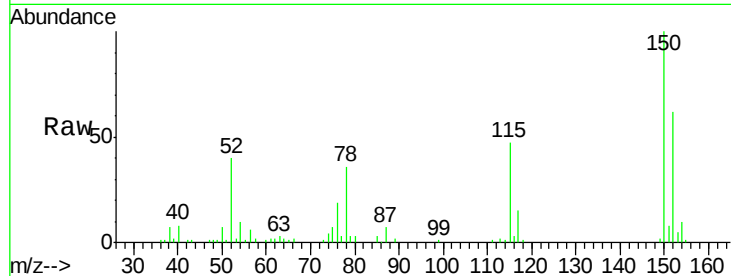
MGP2240BR-23-25MSD

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.7	187.1
115	74.8	39.0	58.4



#2

1,4-Dioxane

Concen: 32.71 ng

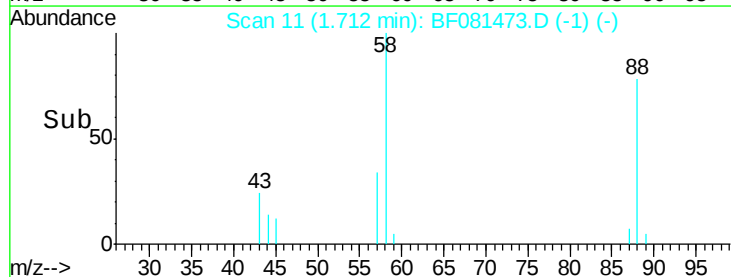
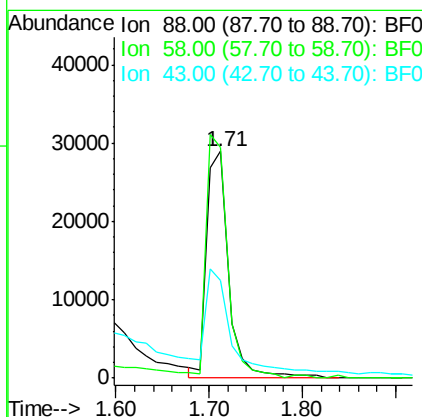
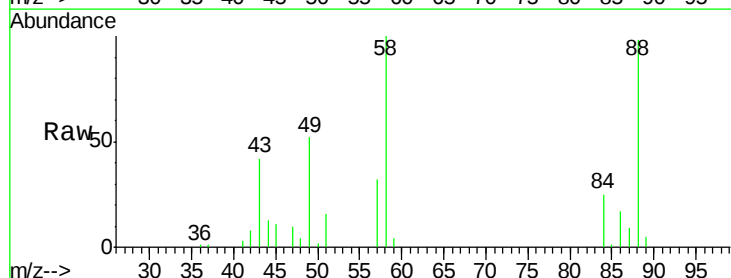
RT: 1.71 min Scan# 11

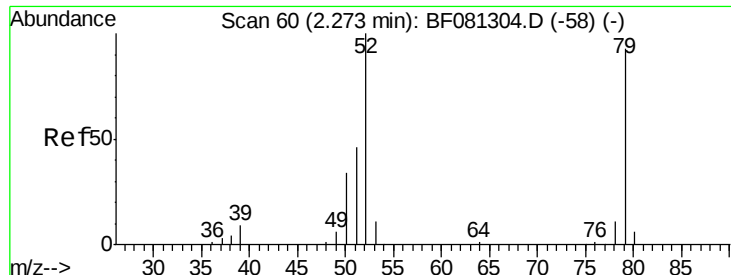
Delta R.T. 0.05 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.2	77.7	116.5
43	54.1	26.6	40.0





#3

Pyridine

Concen: 33.52 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF081473.D

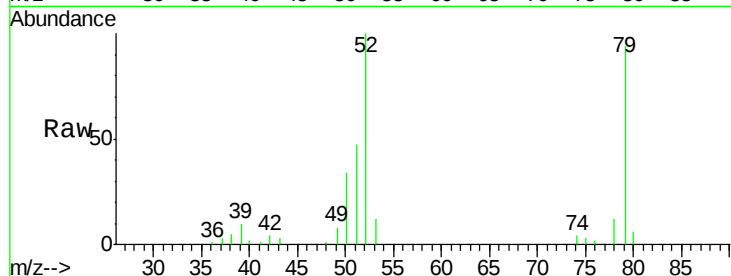
Acq: 5 Sep 2015 19:25

Instrument :

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ClientSampleId :

MGP2240BR-23-25MSD



Tgt Ion: 79 Resp: 136247

Ion Ratio Lower Upper

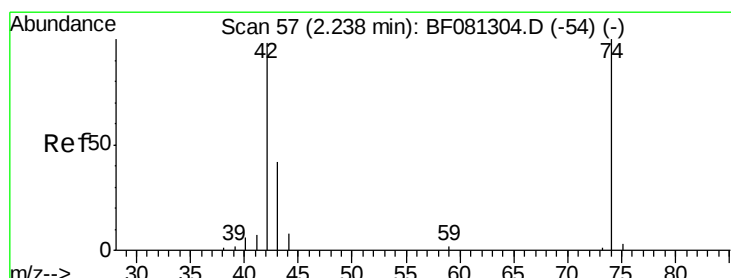
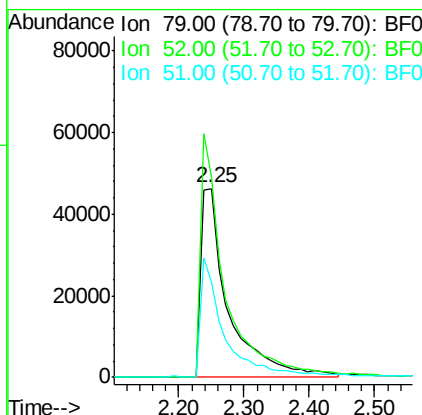
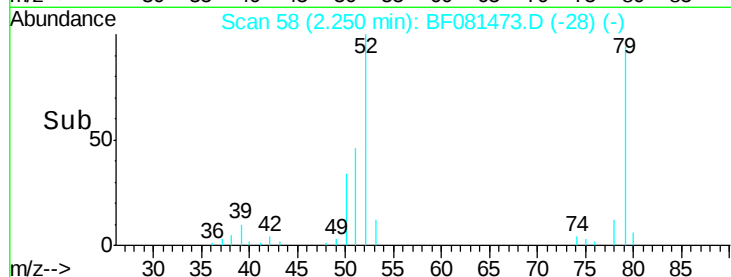
79 100

52 106.2 76.8 115.2

51 50.2 32.2 48.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

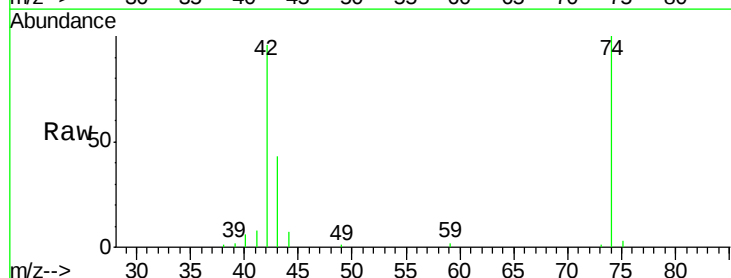
Concen: 44.42 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.03 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25



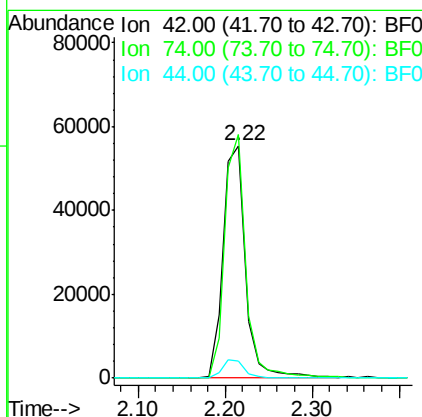
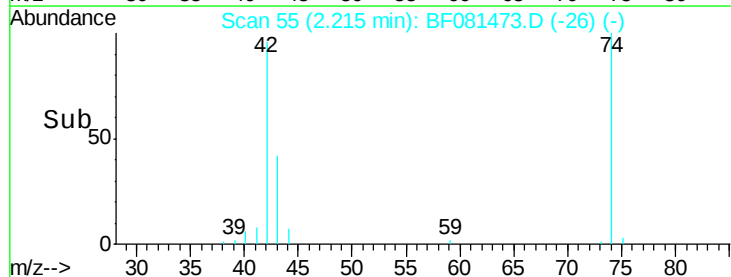
Tgt Ion: 42 Resp: 100305

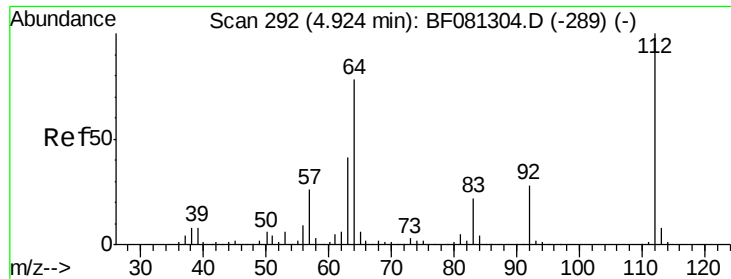
Ion Ratio Lower Upper

42 100

74 104.7 105.0 157.6#

44 7.1 6.6 10.0





#5

2-Fluorophenol

Concen: 127.40 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF081473.D

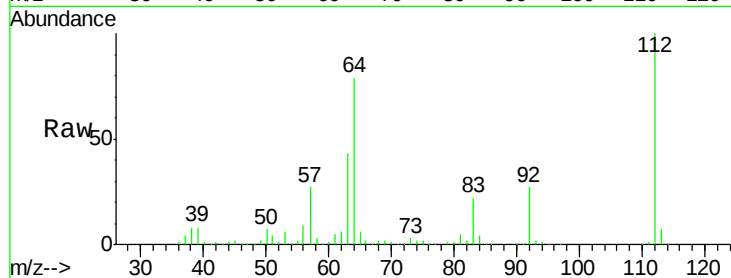
Acq: 5 Sep 2015 19:25

Instrument :

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ClientSampleId :

MGP2240BR-23-25MSD



Tgt Ion: 112 Resp: 418189

Ion Ratio Lower Upper

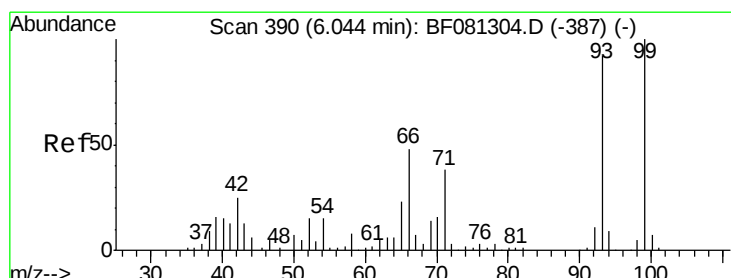
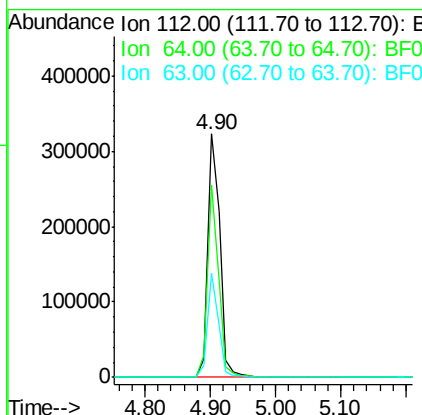
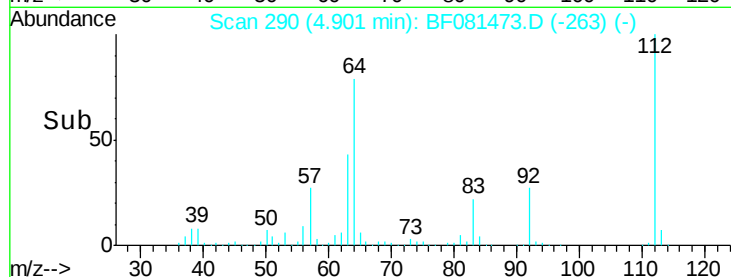
112 100

64 78.8 39.7 59.5#

63 42.7 17.4 26.0#

Manual Integrations
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#6

Aniline

Concen: 32.85 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

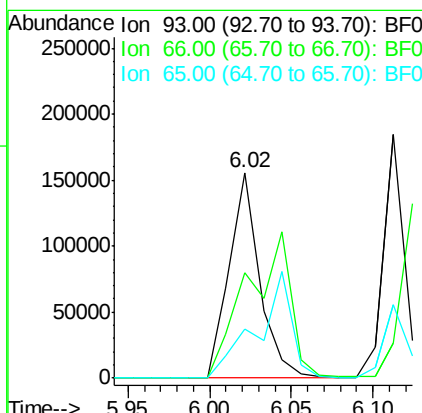
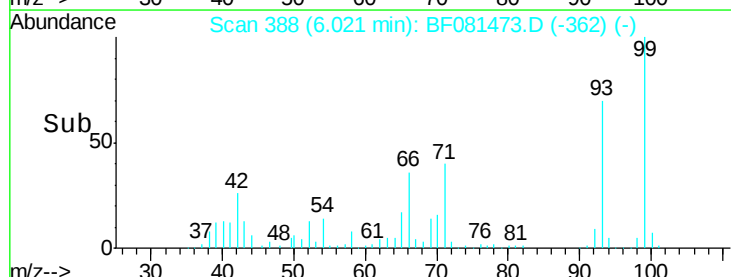
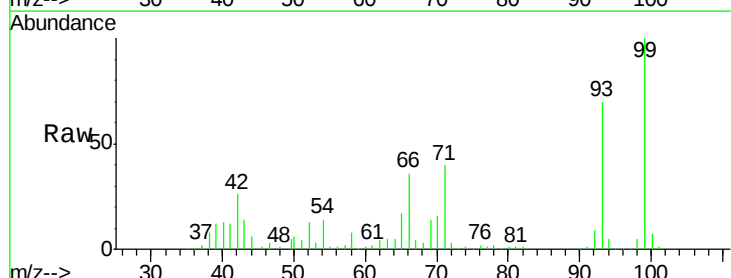
Tgt Ion: 93 Resp: 201529

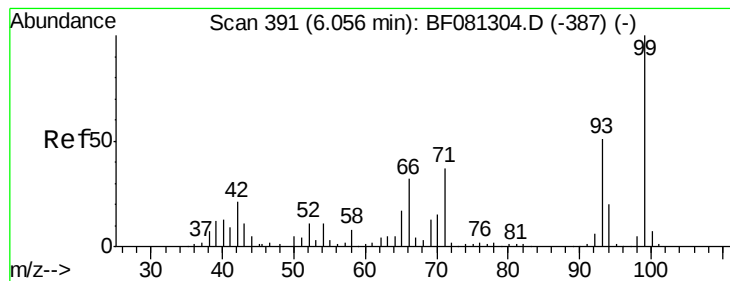
Ion Ratio Lower Upper

93 100

66 51.2 27.2 40.8#

65 23.9 14.7 22.1#





#7

Phenol-d6

Concen: 129.58 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

Tgt Ion: 99 Resp: 563015

Ion Ratio Lower Upper

99 100

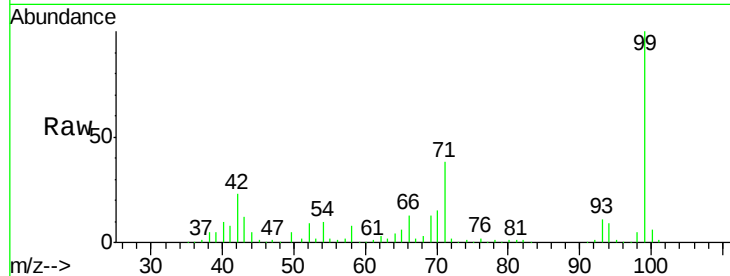
42 22.6 13.7 20.5#

71 37.5 14.2 21.2#

Manual Integrations
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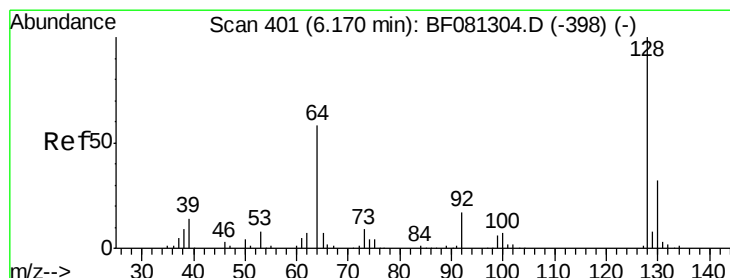
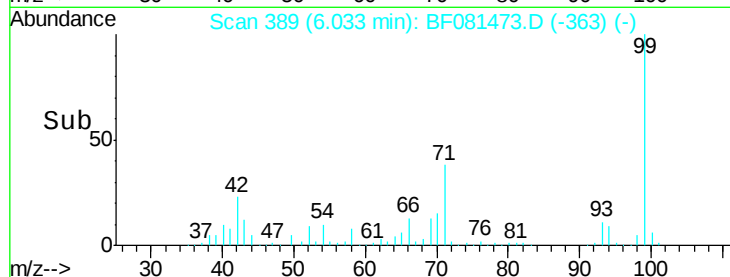
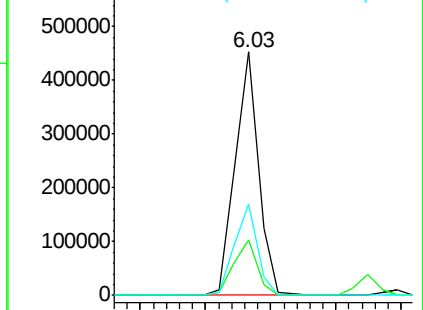
9/8/2015 1:57:39 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.44 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

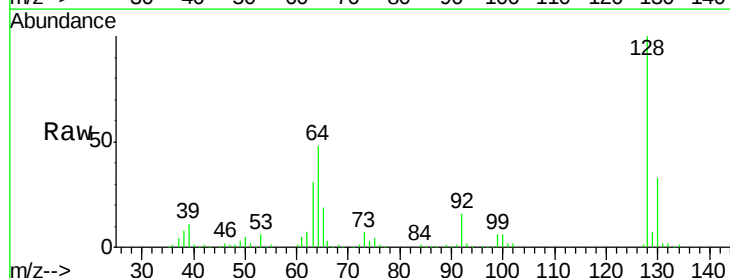
Tgt Ion: 128 Resp: 167987

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

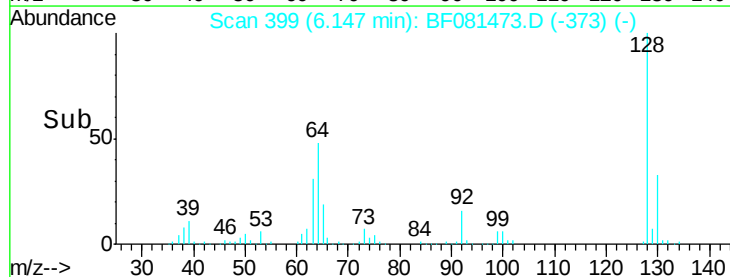
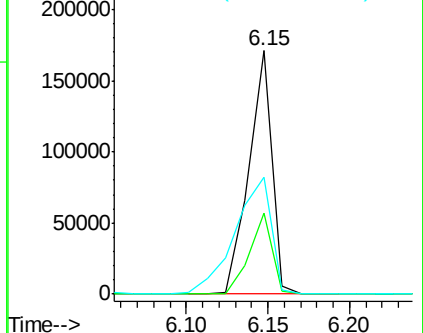
64 48.2 20.5 60.5

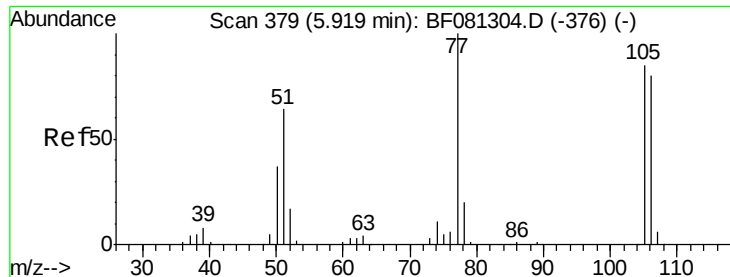


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.10 ng

RT: 5.90 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

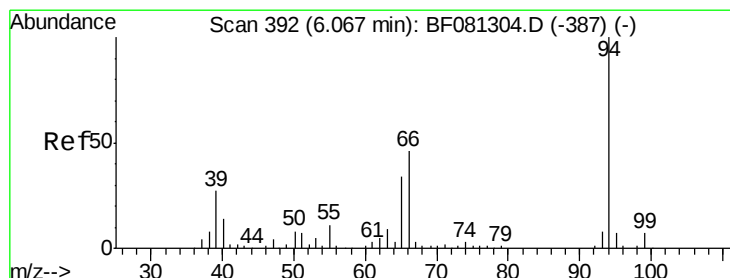
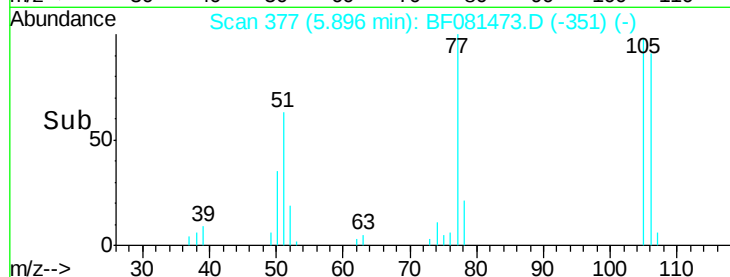
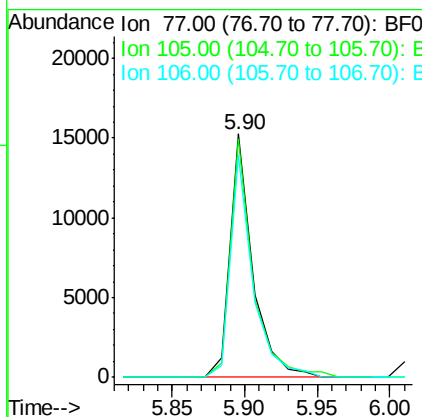
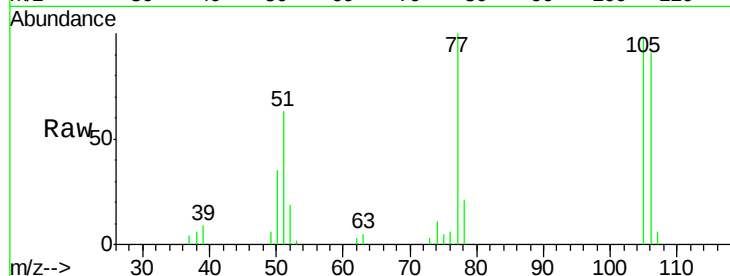
ClientSampleId :

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MMDadoda
9/8/2015 1:57:39 PM

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.7	91.6	131.6
106	91.3	102.6	142.6#



#10

Phenol

Concen: 42.35 ng

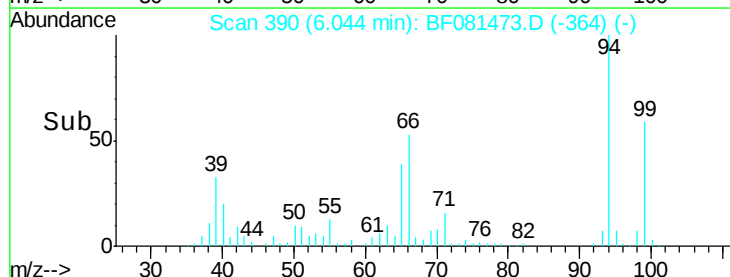
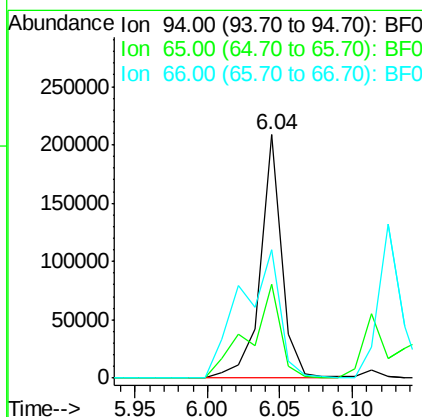
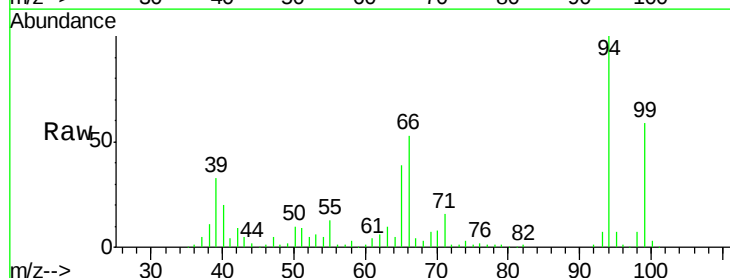
RT: 6.04 min Scan# 390

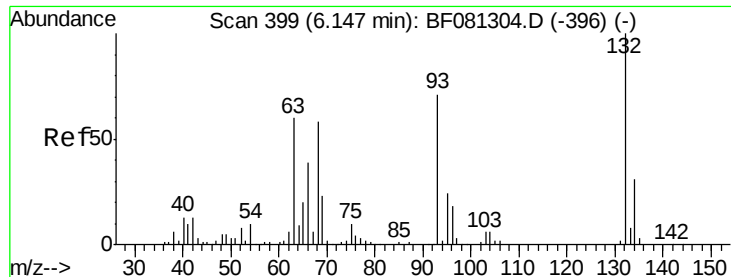
Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.6	0.7	40.7
66	52.9	0.8	40.8#





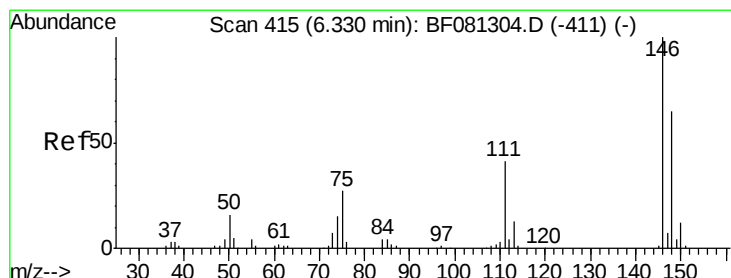
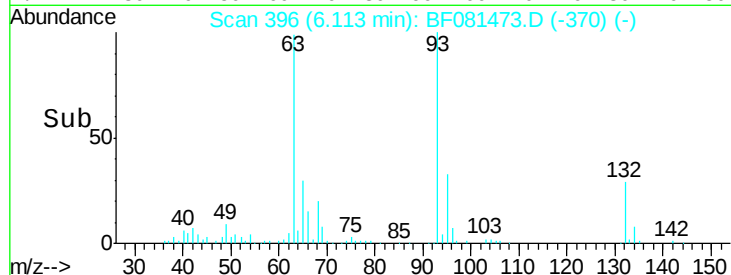
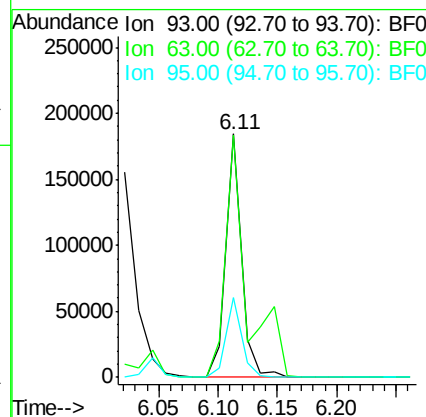
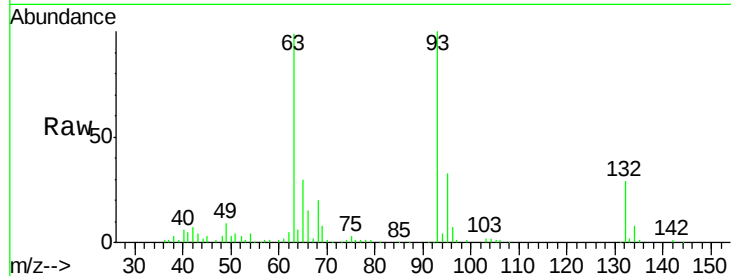
#11
bis(2-Chloroethyl)ether
Concen: 46.32 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	168391		
63	99.3	65.6	105.6	
95	32.6	13.6	53.6	

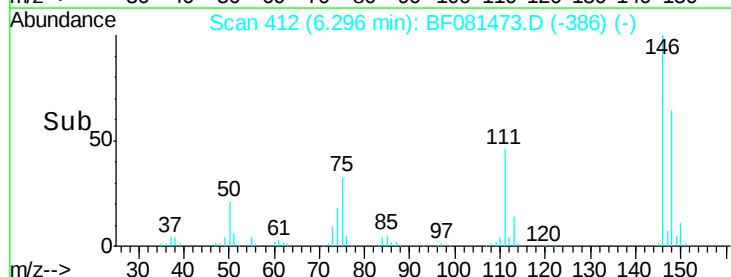
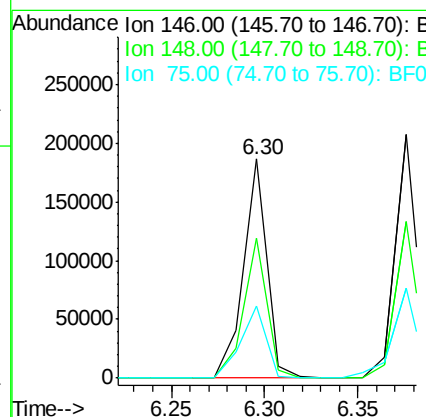
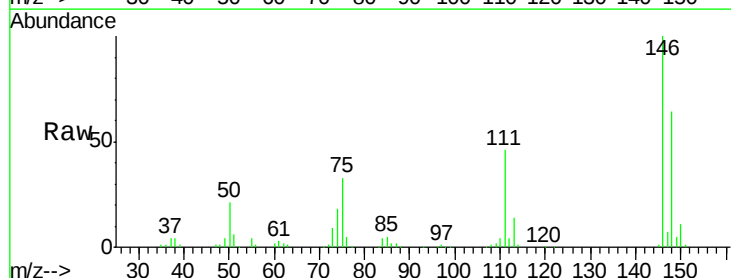
Manual Integrations
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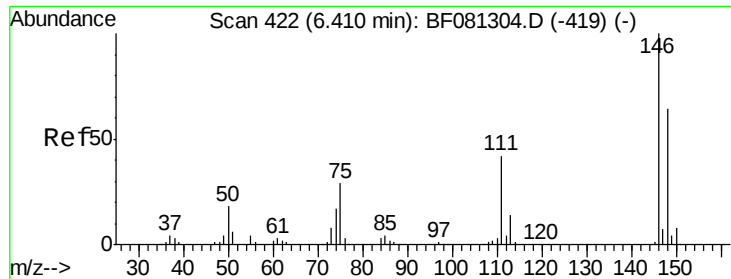
MMDadoda
9/8/2015 1:57:39 PM



#12
1,3-Dichlorobenzene
Concen: 42.22 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	163153		
148	64.0	51.0	76.4	
75	32.9	15.0	22.6	





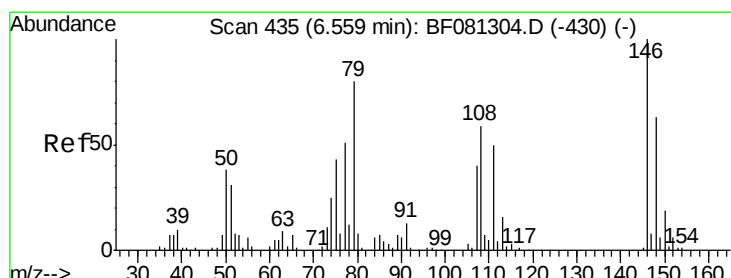
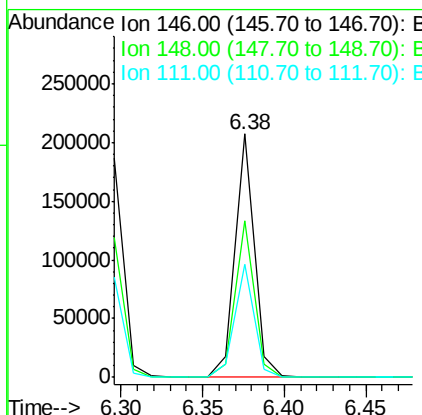
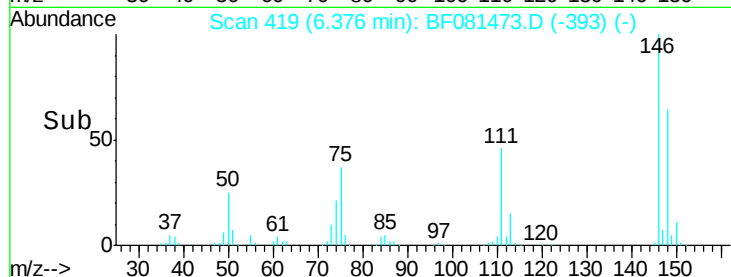
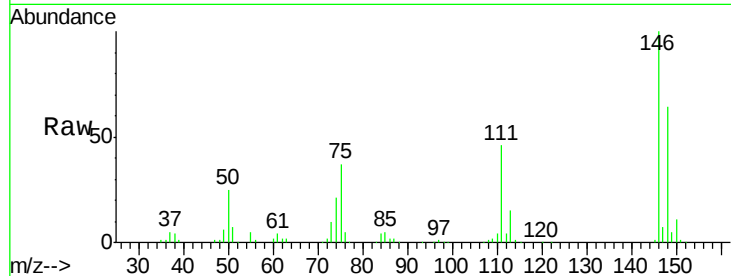
#13
 1,4-Dichlorobenzene
 Concen: 42.57 ng
 RT: 6.38 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	46.4	24.9	37.3

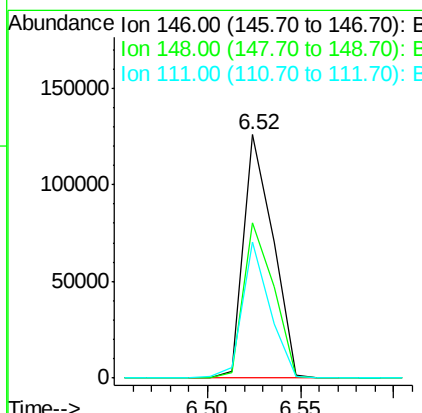
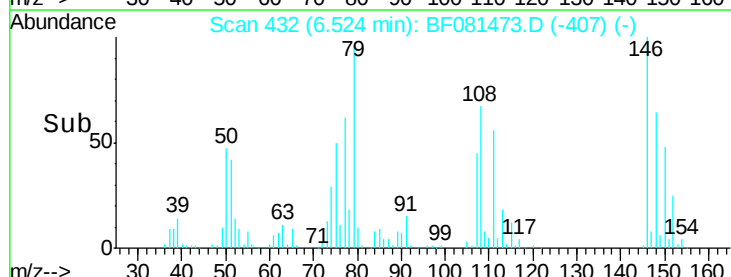
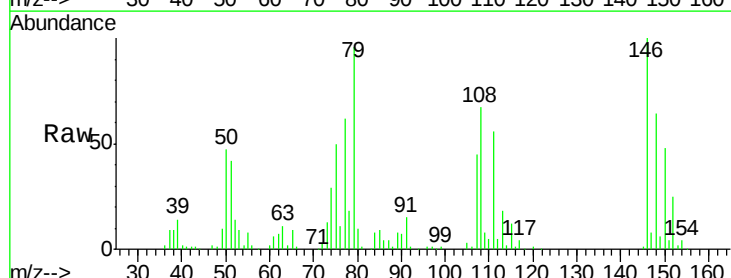
Manual Integrations
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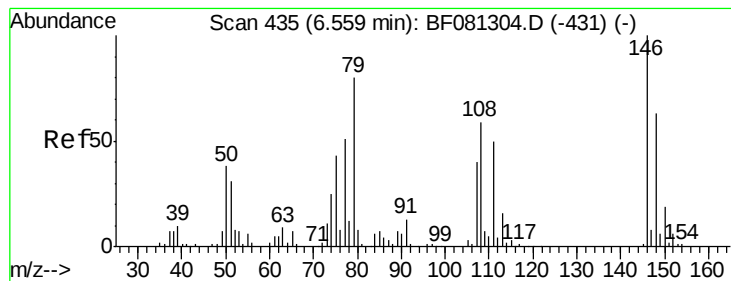
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#14
 1,2-Dichlorobenzene
 Concen: 39.05 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.7	79.1
111	56.1	28.8	43.2





#15

Benzyl Alcohol

Concen: 43.75 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

Tgt Ion: 79 Resp: 155935

Ion Ratio Lower Upper

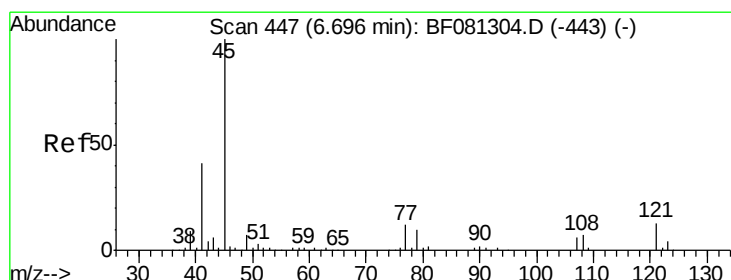
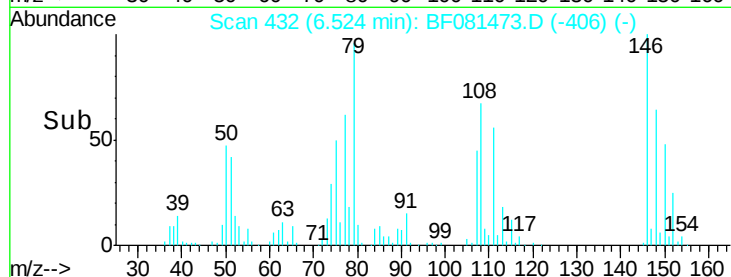
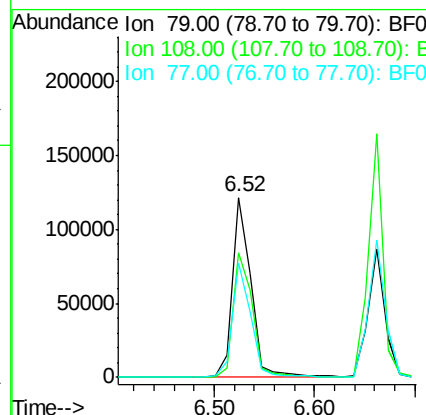
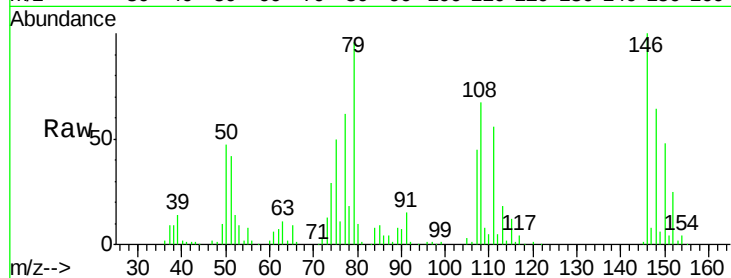
79 100

108 69.2 88.6 132.8#

77 63.9 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.78 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

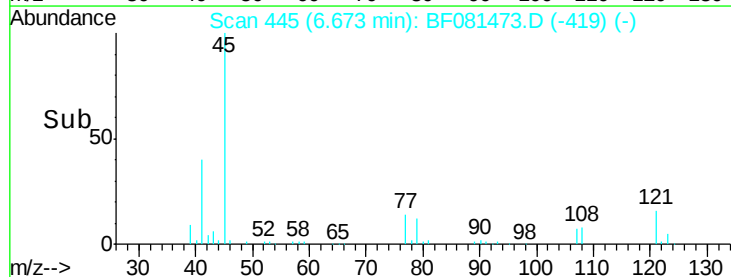
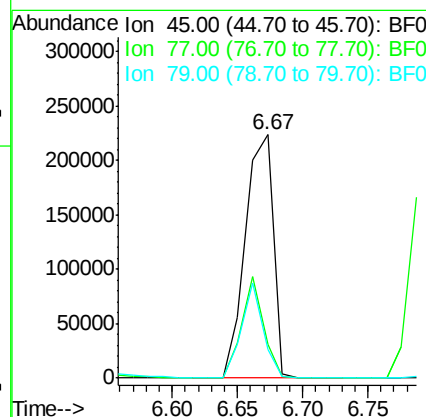
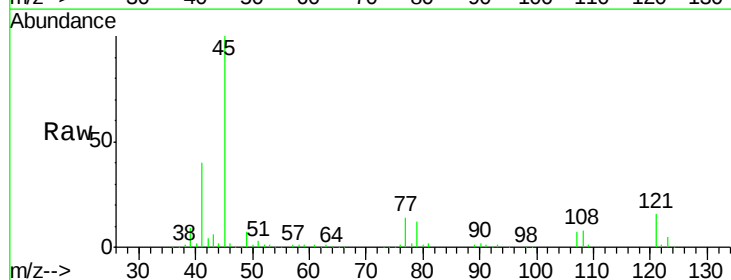
Tgt Ion: 45 Resp: 332935

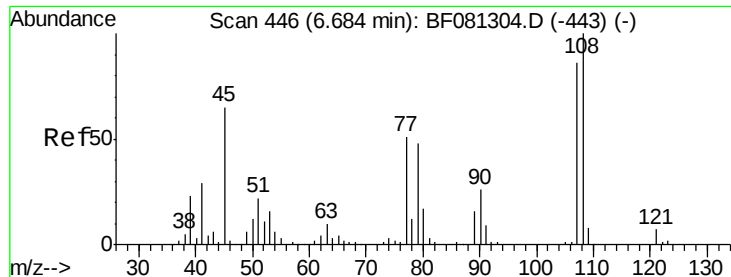
Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

79 11.5 0.0 26.0





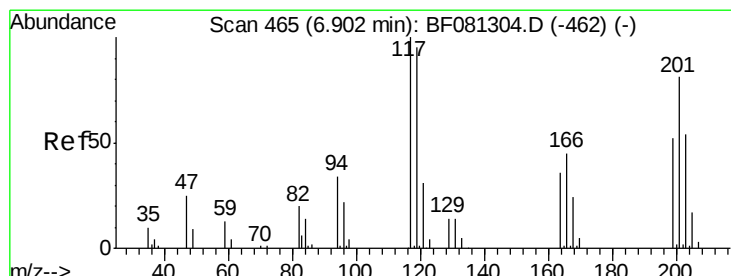
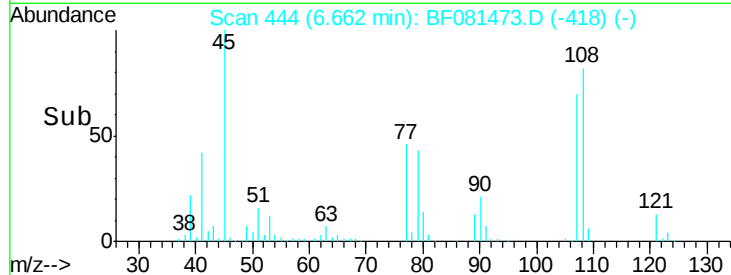
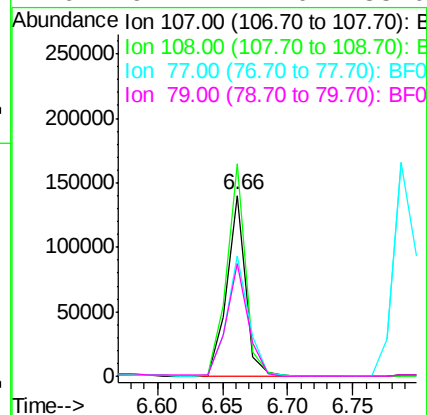
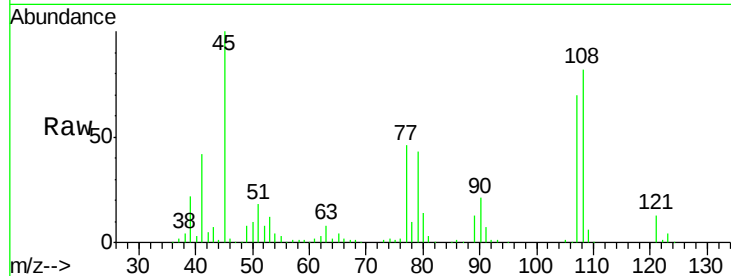
#17
 2-Methylphenol
 Concen: 49.01 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	141452		
108	117.3	96.6	145.0	
77	66.3	23.3	34.9	
79	62.1	22.0	33.0	

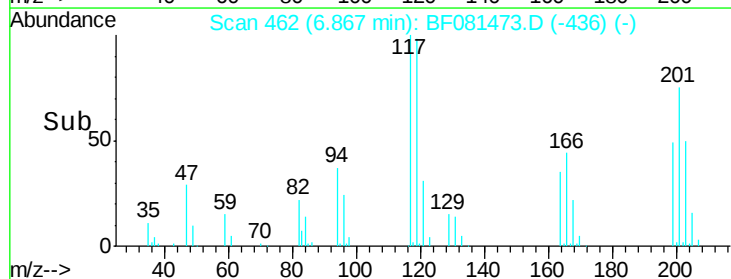
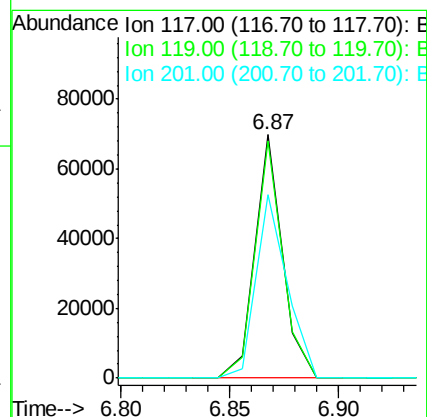
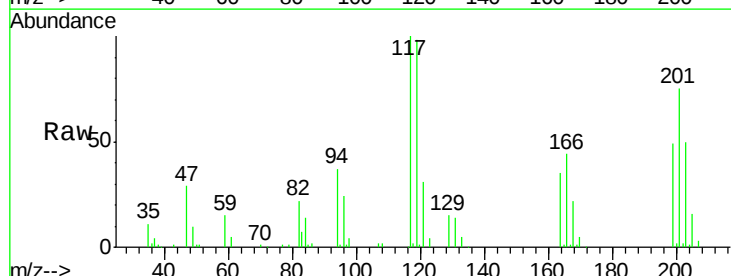
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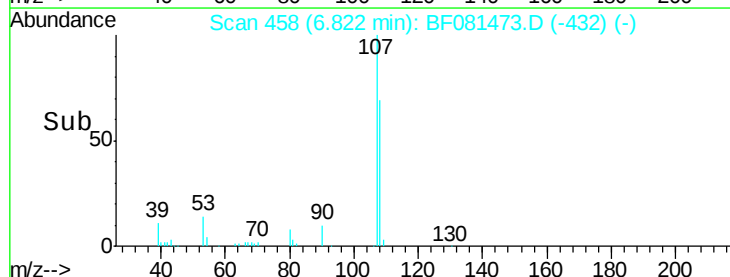
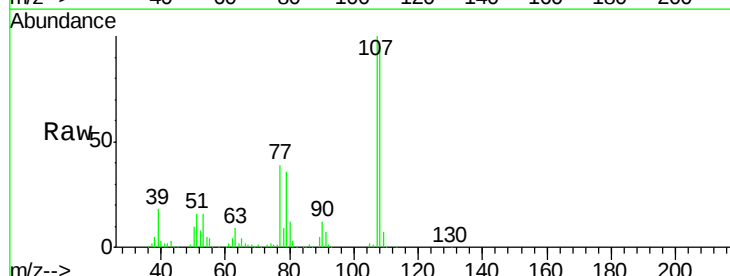
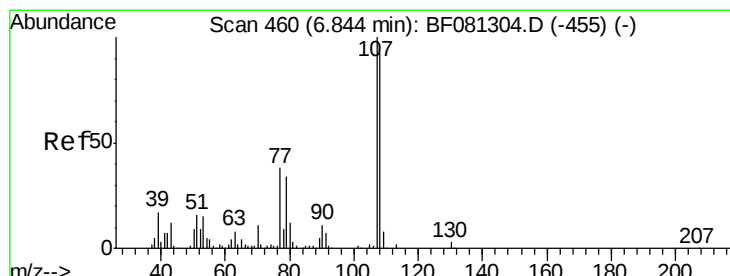
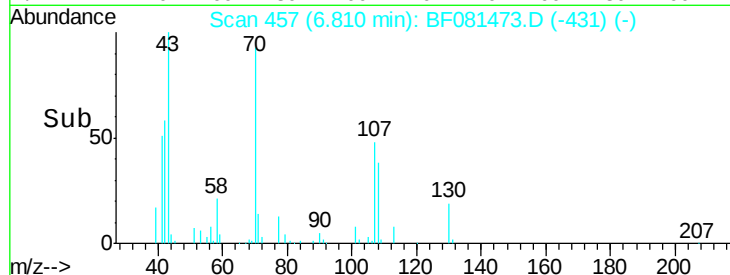
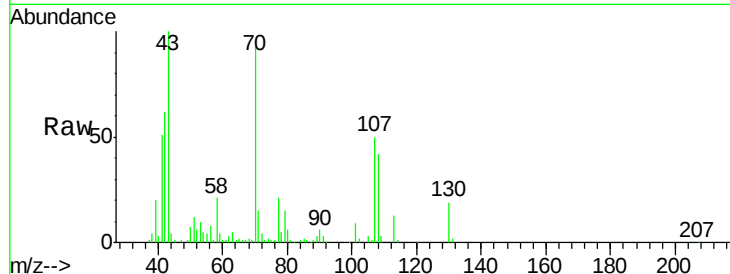
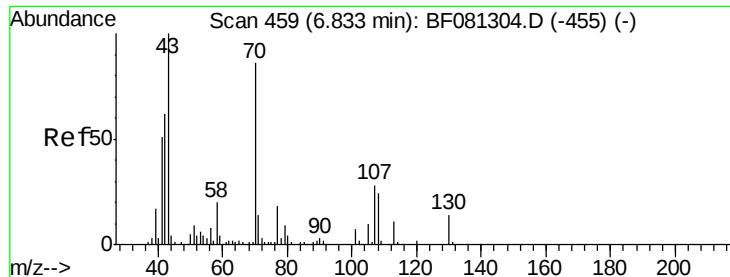
MMDadoda
 9/8/2015 1:57:39 PM



#18
 Hexachloroethane
 Concen: 39.99 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61222		
119	97.5	83.8	125.6	
201	75.4	55.1	82.7	





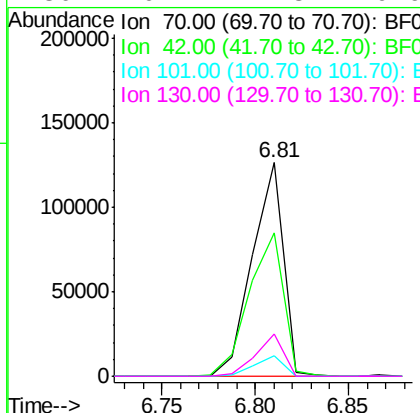
#19
n-Nitroso-di-n-propylamine
Concen: 49.22 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Manual Integrations
APPROVED

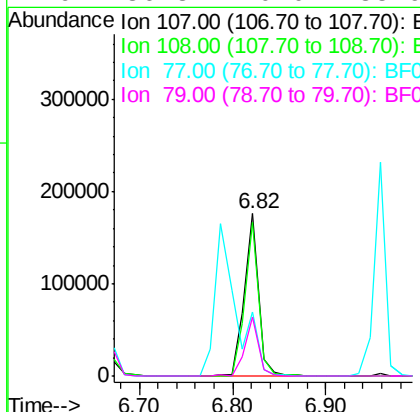
MMDadoda
9/8/2015 1:57:39 PM

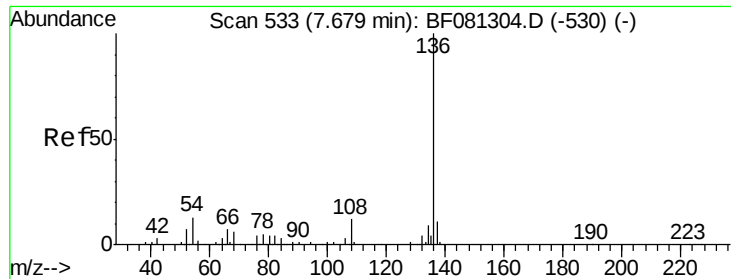
Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	67.1	63.8	95.6
101	9.5	9.2	13.8
130	20.1	27.3	40.9



#20
3+4-Methylphenols
Concen: 48.17 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	95.0	74.6	114.6
77	39.4	0.7	40.7
79	36.3	0.0	38.9





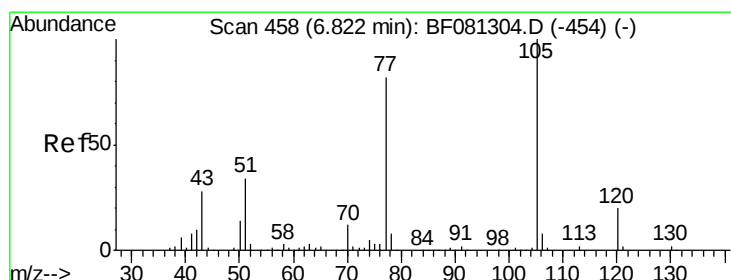
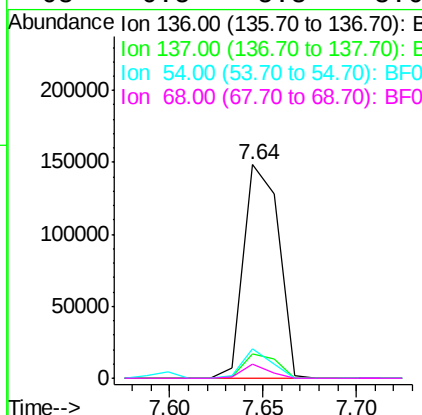
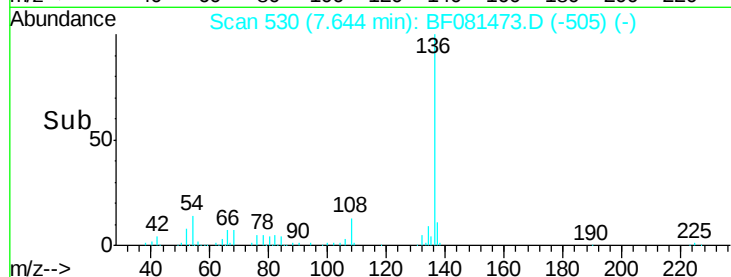
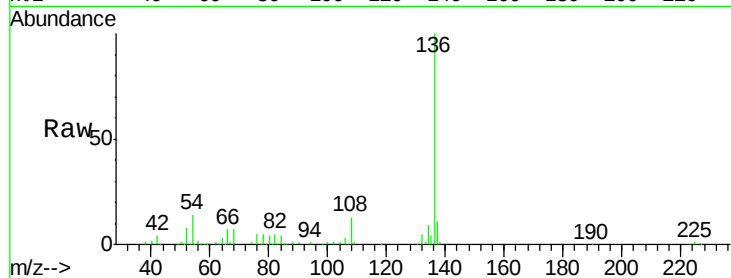
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	195475		
137	11.3	9.0	13.6	
54	13.9	8.2	12.2	
68	6.5	5.8	8.6	

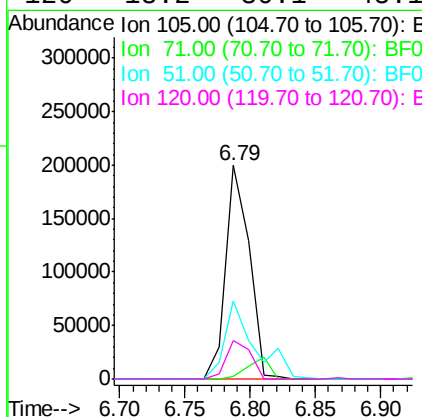
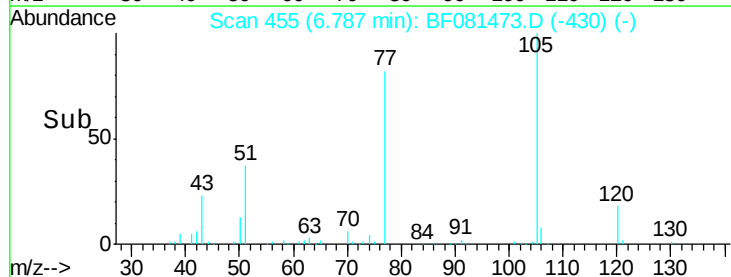
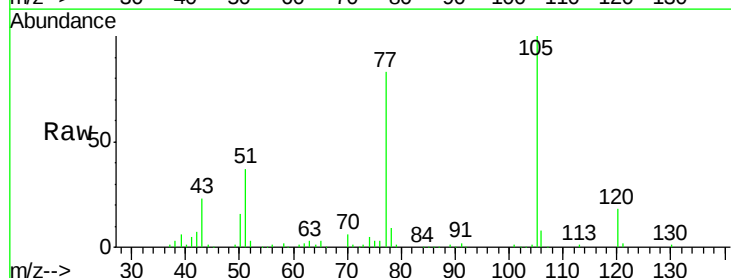
Manual Integrations
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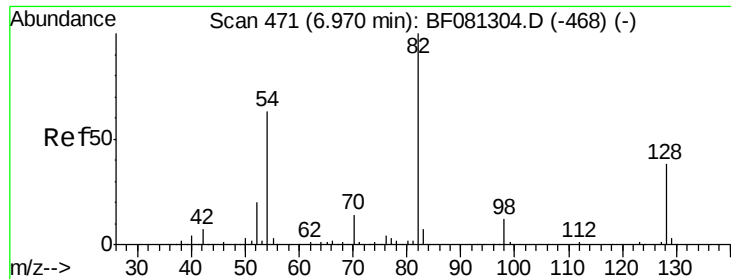
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#22
Acetophenone
Concen: 47.08 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251350		
71	1.0	4.7	7.1	
51	36.9	22.0	33.0	
120	18.2	30.1	45.1	





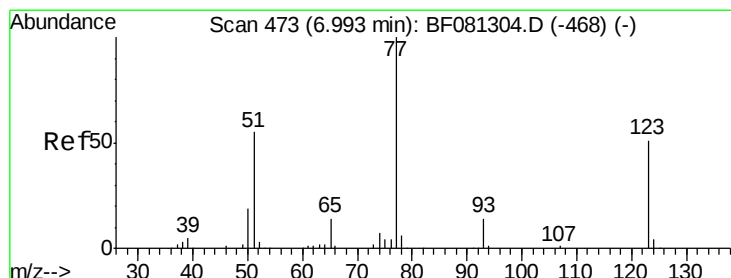
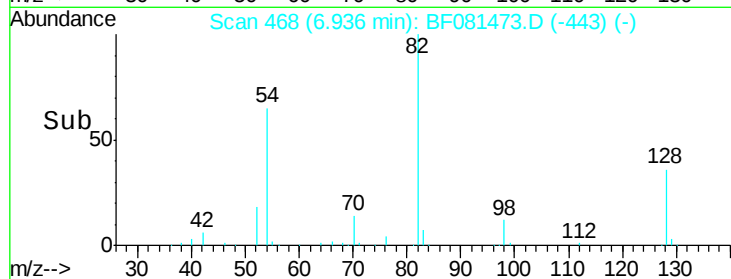
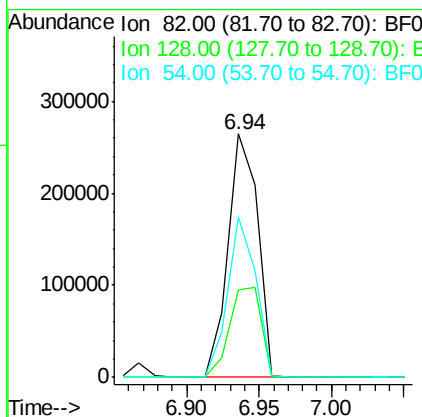
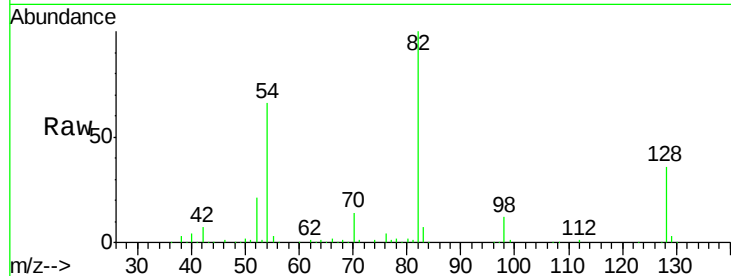
#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	375367		
128	36.0	51.0	76.6#	
54	65.9	47.5	71.3	

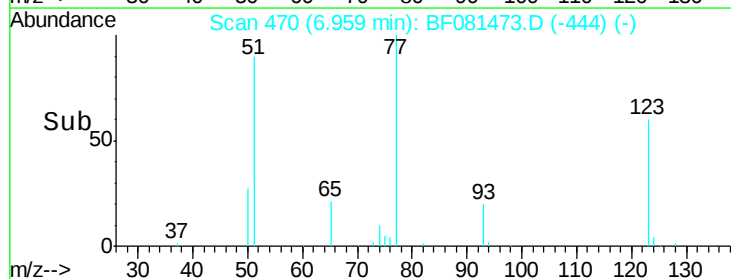
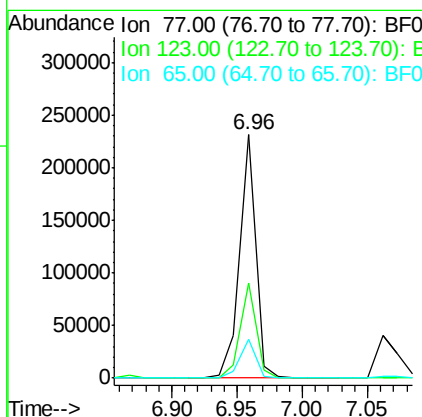
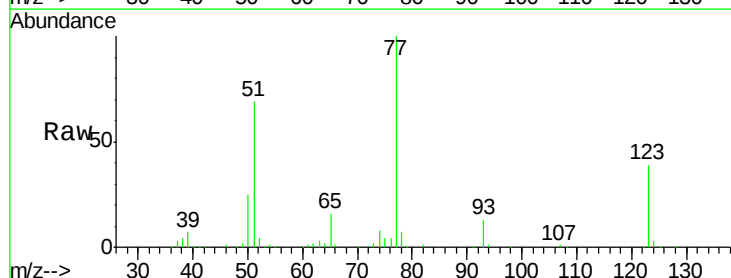
Manual Integrations
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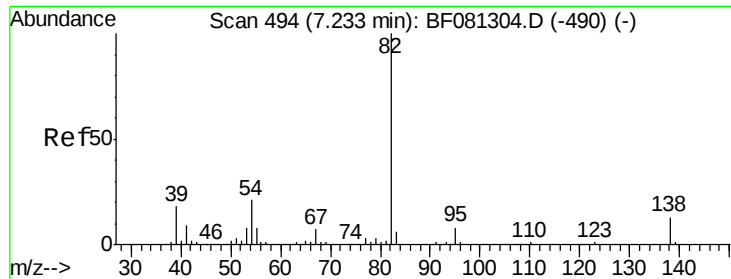
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#24
 Nitrobenzene
 Concen: 47.17 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	198481		
123	39.3	59.8	89.8#	
65	15.9	10.2	15.4#	





#25

Isophorone

Concen: 47.69 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081473.D

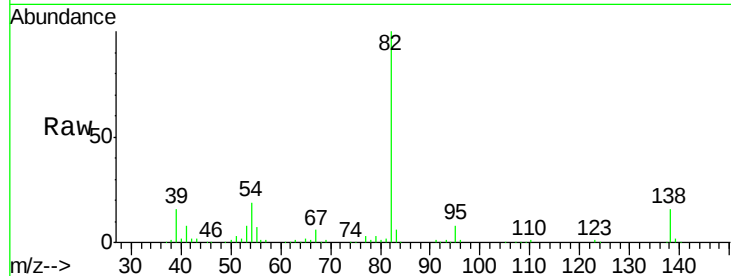
Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

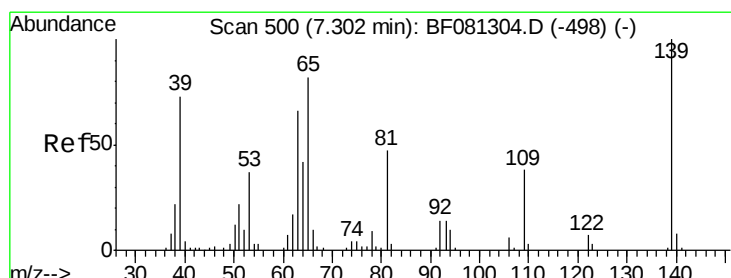
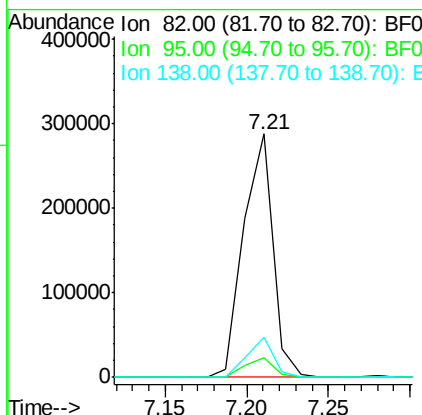
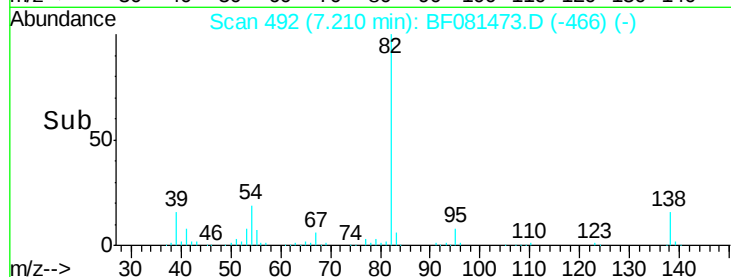
MGP2240BR-23-25MSD



Tgt Ion	82	95	138
Ratio	100	8.0	16.3
Resp Lower		4.0	18.3
Upper		6.0#	27.5#

Manual Integrations
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#26

2-Nitrophenol

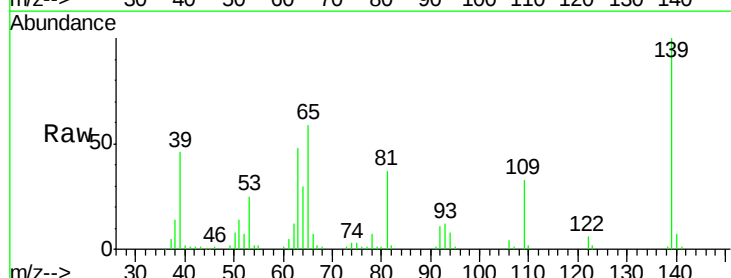
Concen: 49.82 ng

RT: 7.28 min Scan# 498

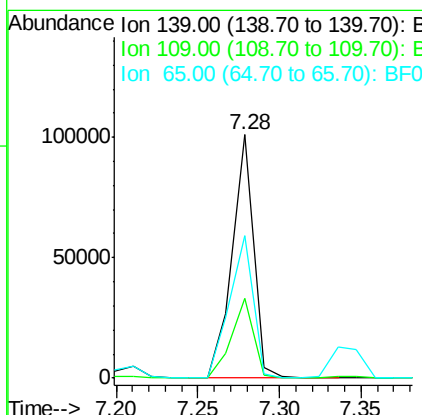
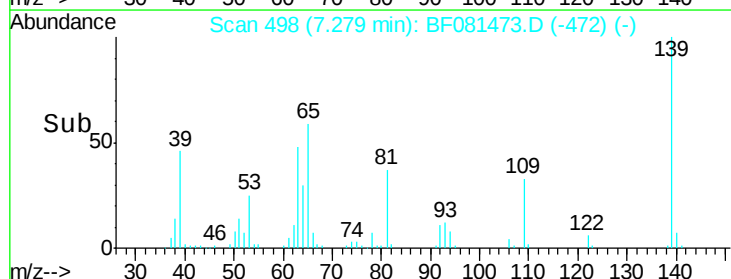
Delta R.T. -0.00 min

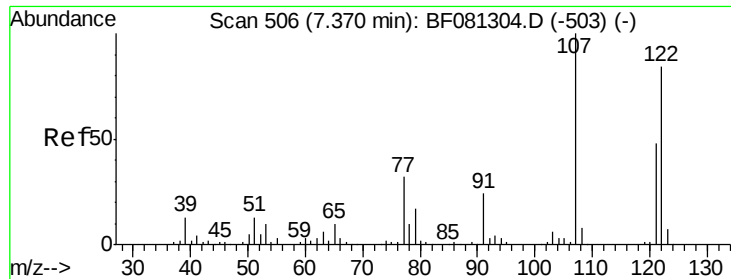
Lab File: BF081473.D

Acq: 5 Sep 2015 19:25



Tgt Ion	139	109	65
Ratio	100	32.5	58.7
Resp Lower		11.0	24.7
Upper		16.4#	37.1#





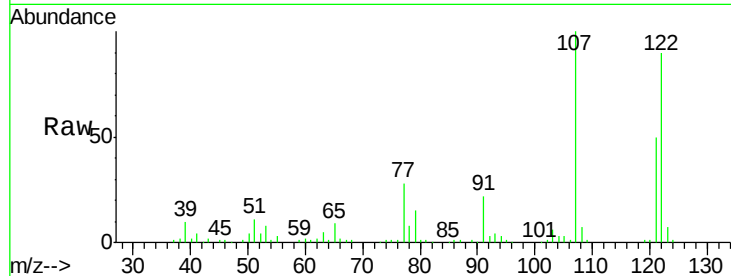
#27
 2,4-Dimethylphenol
 Concen: 48.45 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

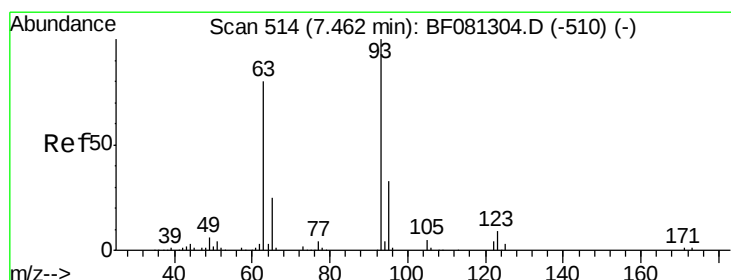
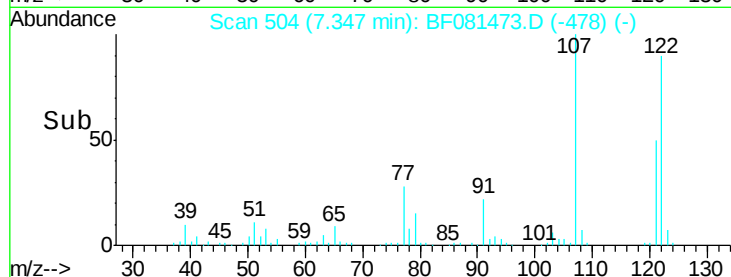
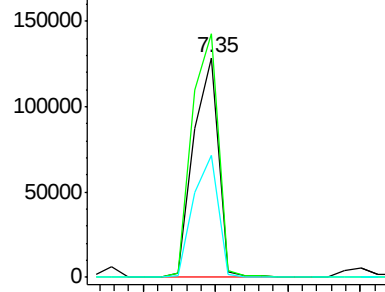
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	153456		
107	110.7	71.8	107.6#	
121	55.5	42.3	63.5	

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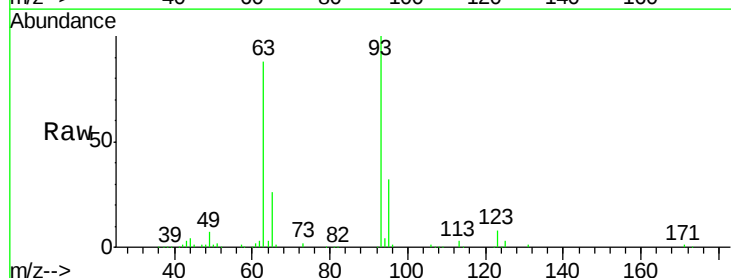


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

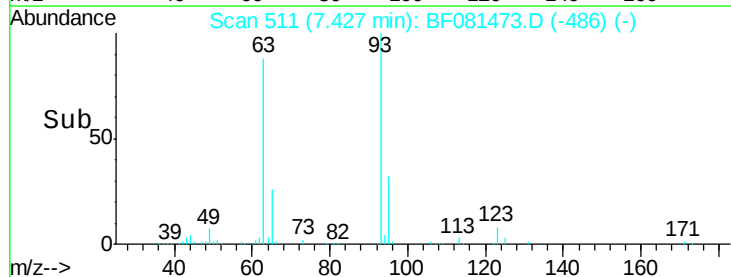
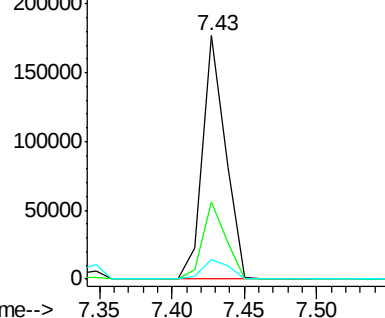


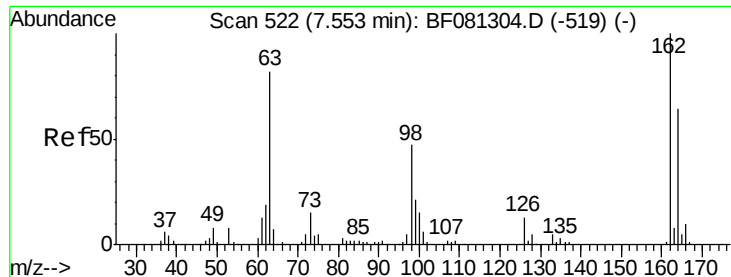
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.60 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194161		
95	31.9	27.5	41.3	
123	8.3	13.7	20.5#	



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





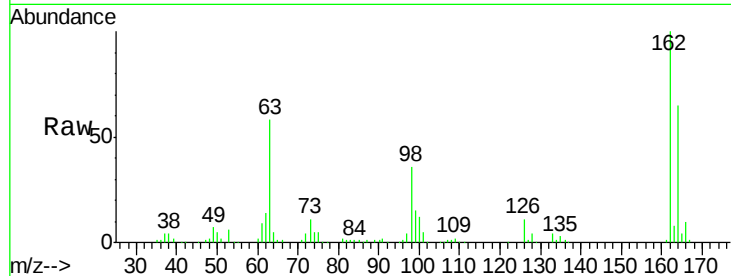
#29
 2,4-Dichlorophenol
 Concen: 51.16 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

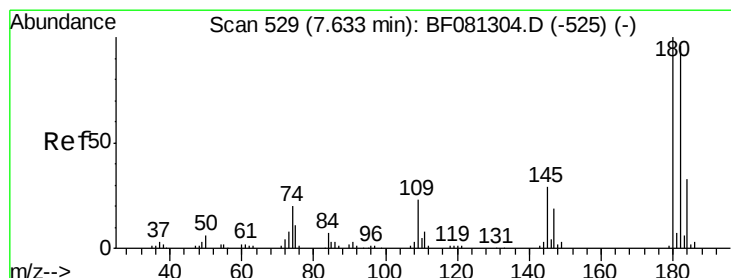
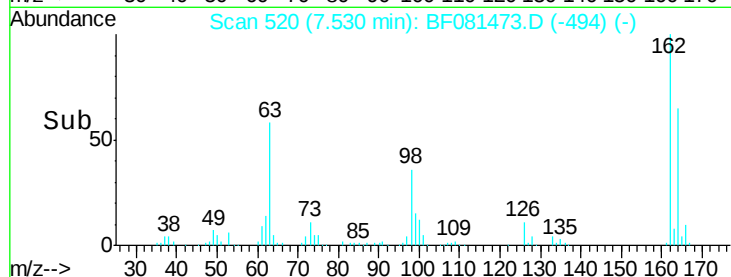
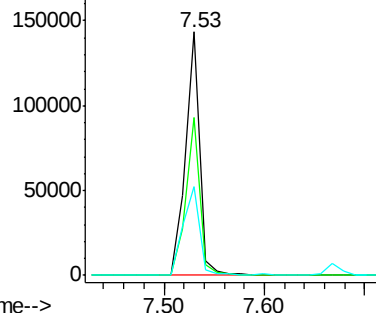
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	140507		
164	64.9	44.9	84.9	
98	36.4	13.0	53.0	

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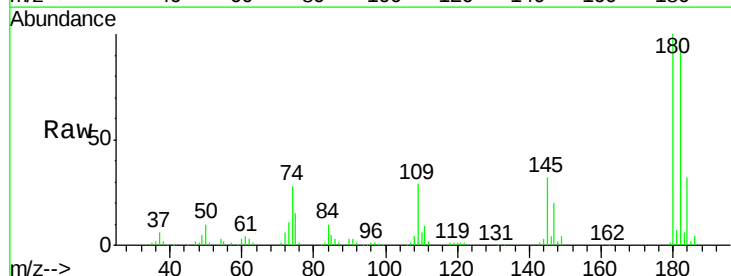


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

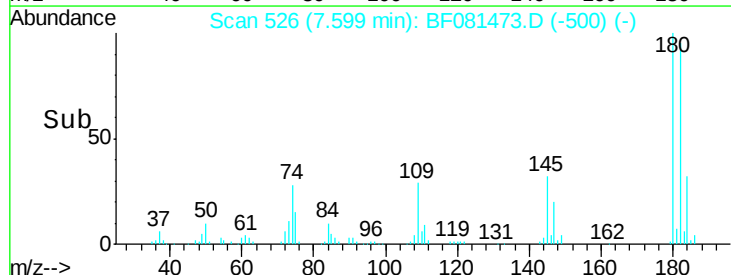
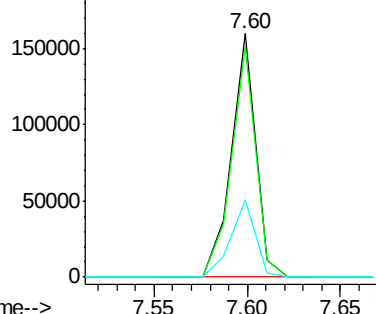


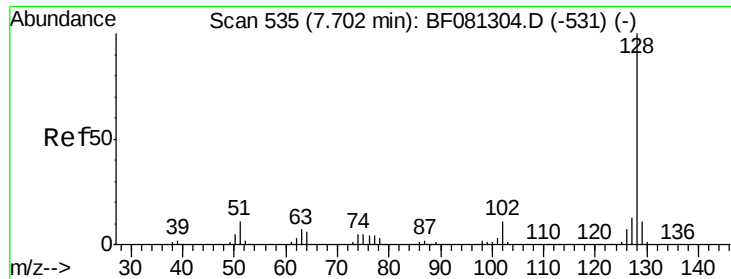
#30
 1,2,4-Trichlorobenzene
 Concen: 47.99 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143198		
182	94.6	77.1	115.7	
145	31.9	23.3	34.9	



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





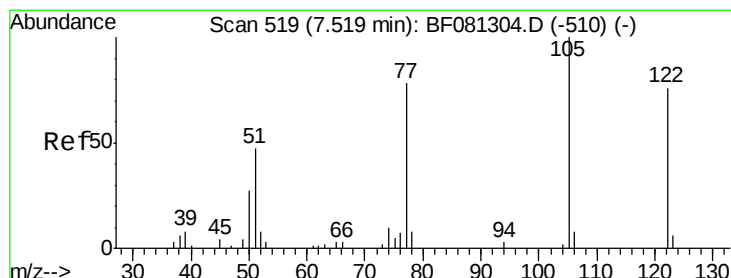
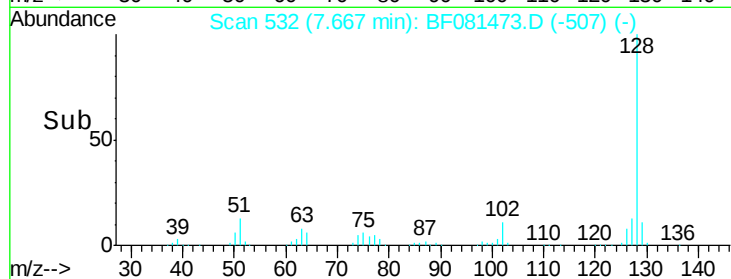
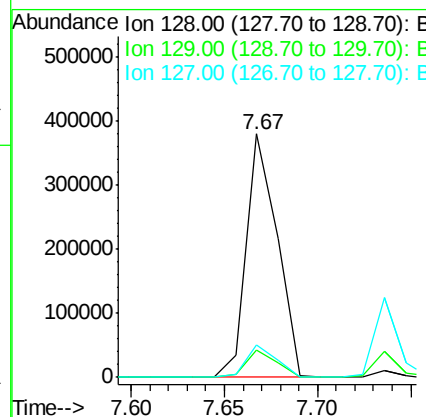
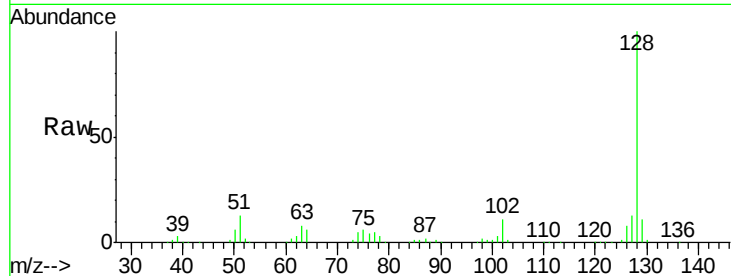
#31
Naphthalene
Concen: 41.69 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	434582		
129	11.4	8.4	12.6	
127	13.3	9.9	14.9	

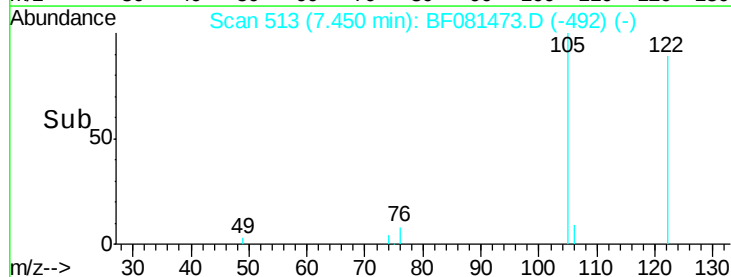
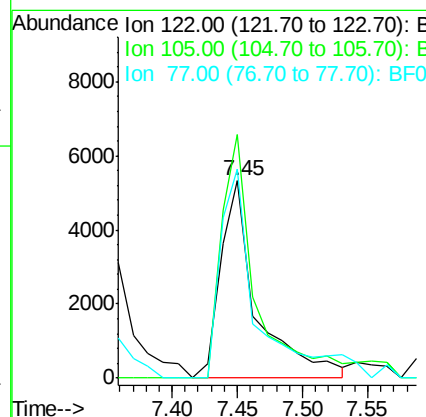
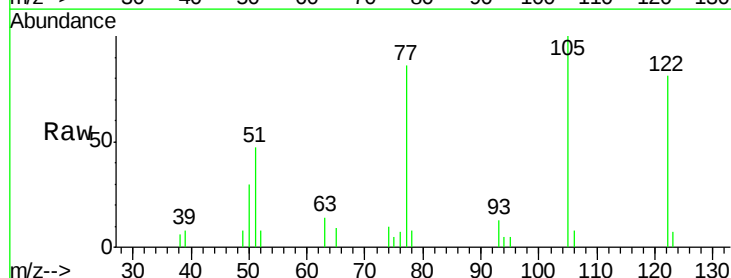
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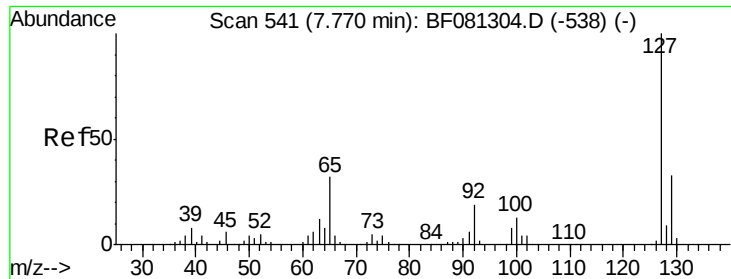
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#32
Benzoic acid
Concen: 6.88 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.06 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10364		
105	123.4	76.1	116.1#	
77	106.0	40.5	80.5#	





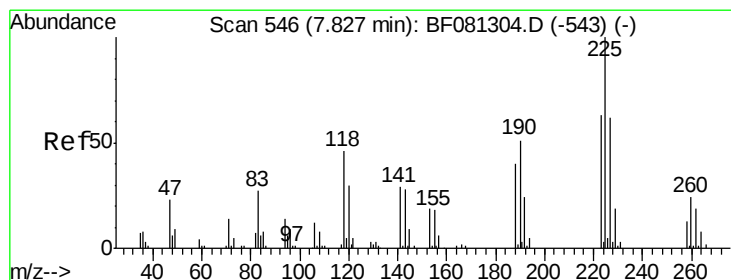
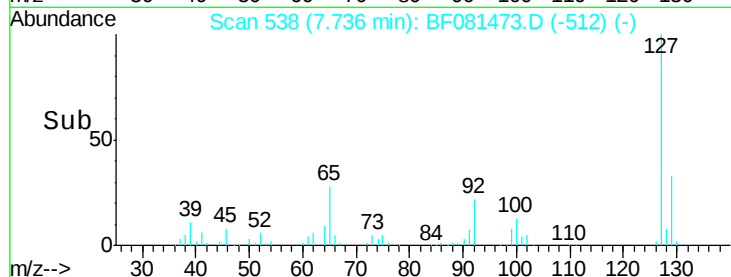
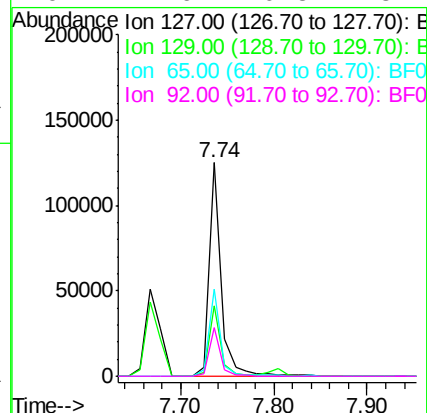
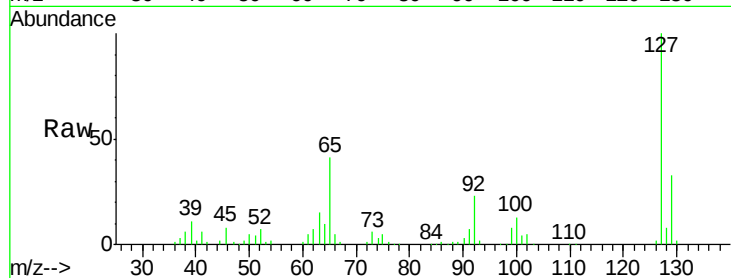
#33
4-Chloroaniline
Concen: 26.70 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.8	38.6	
65	40.8	17.9	26.9	
92	22.6	10.5	15.7	

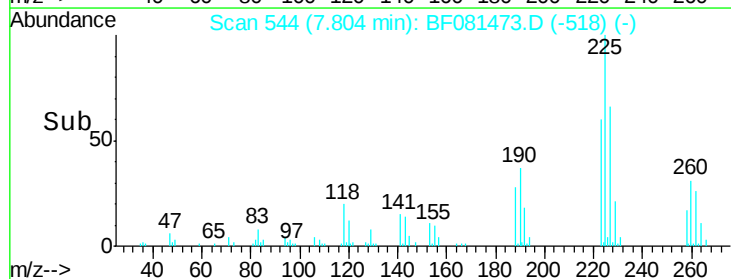
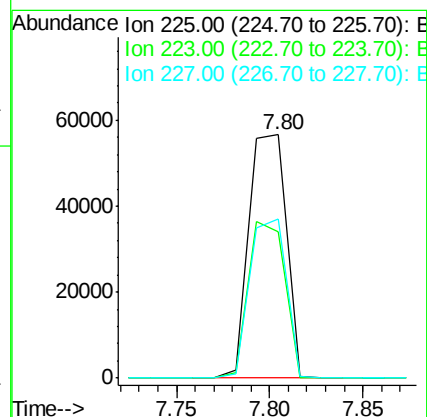
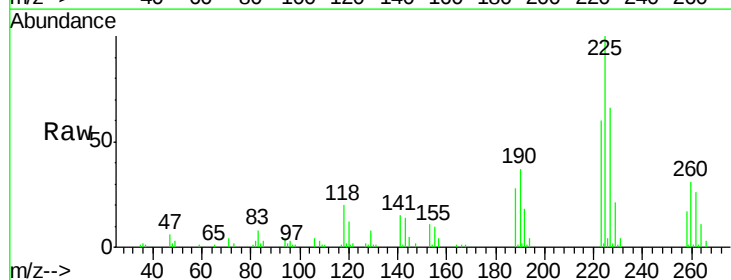
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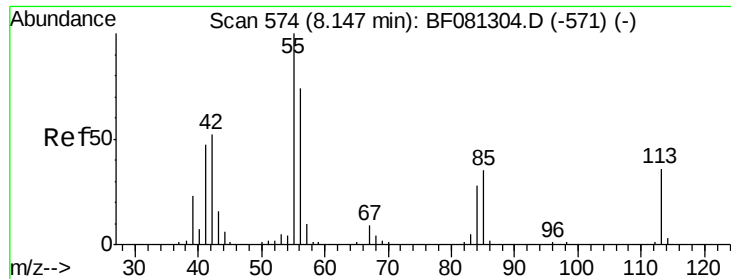
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#34
Hexachlorobutadiene
Concen: 43.34 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

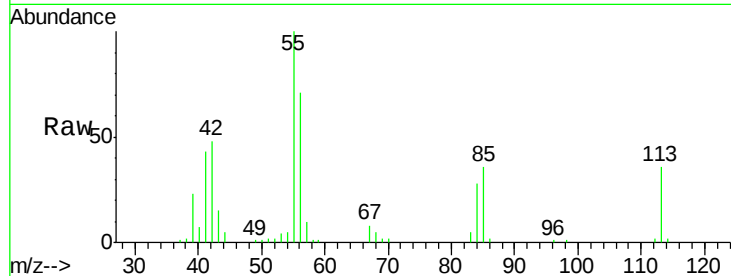
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	50.2	75.2	
227	65.5	52.2	78.2	





#35
 Caprolactam
 Concen: 60.19 ng m
 RT: 8.12 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

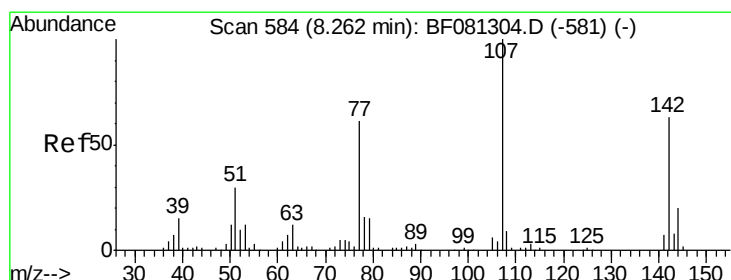
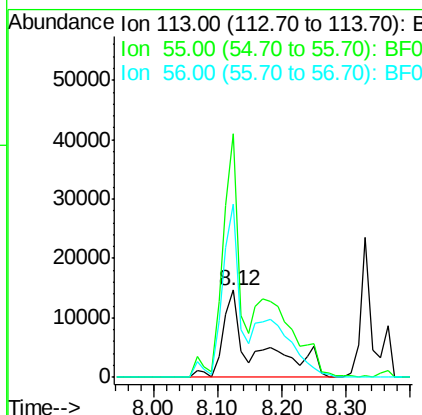
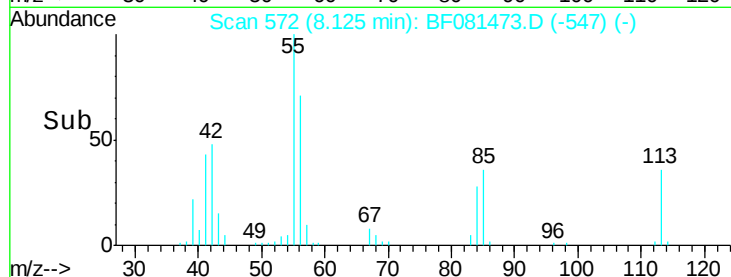
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD



Tgt Ion:113 Resp: 50701
 Ion Ratio Lower Upper
 113 100
 55 279.2 152.4 192.4#
 56 198.4 104.6 144.6#

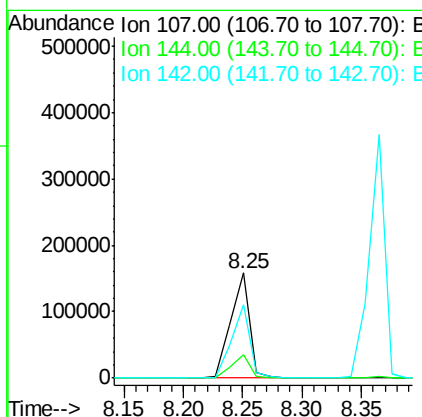
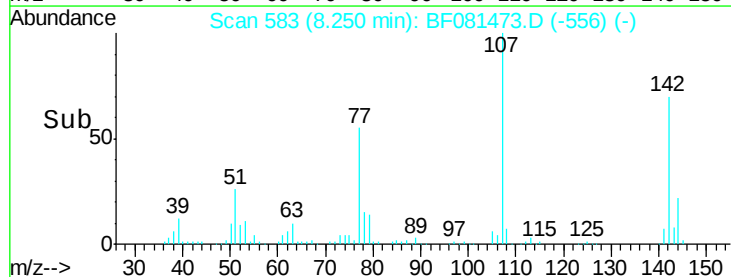
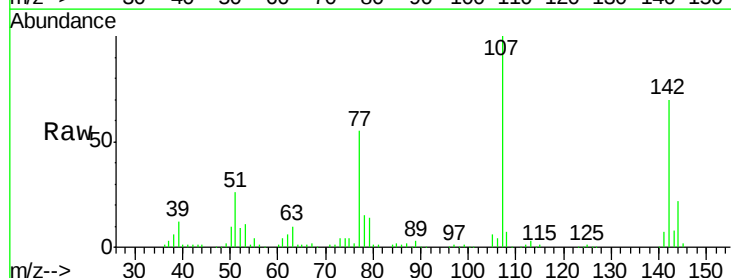
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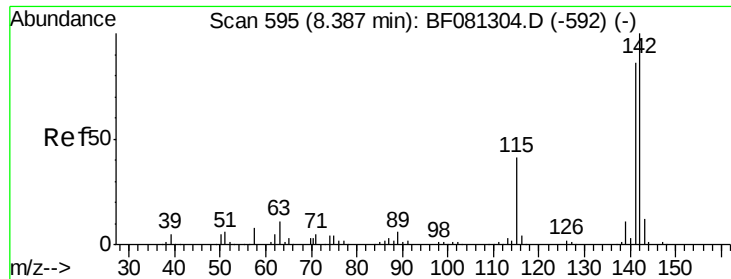
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#36
 4-Chloro-3-methylphenol
 Concen: 56.80 ng
 RT: 8.25 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:107 Resp: 174634
 Ion Ratio Lower Upper
 107 100
 144 22.4 25.4 38.0#
 142 69.7 77.3 115.9#





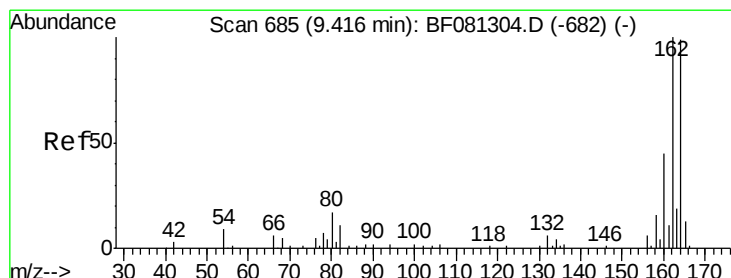
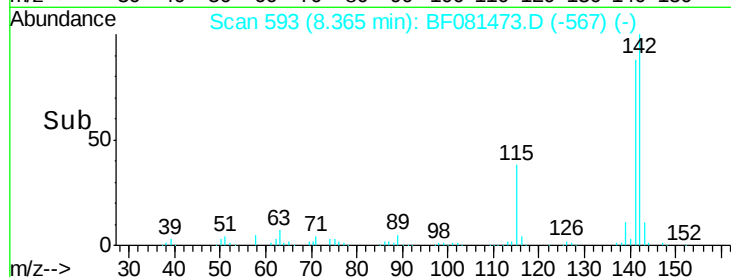
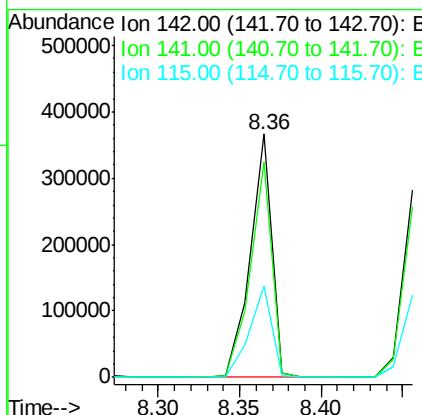
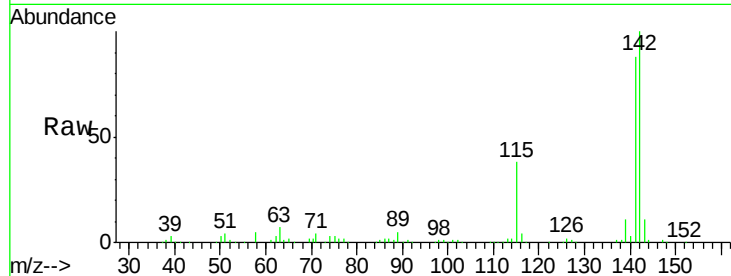
#37
 2-Methylnaphthalene
 Concen: 49.46 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	335574		
141	88.3	67.5	101.3	
115	37.7	18.2	27.2	

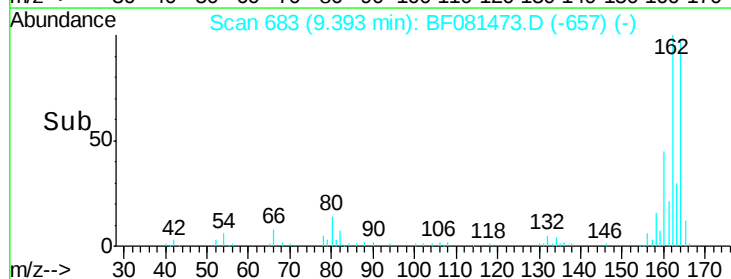
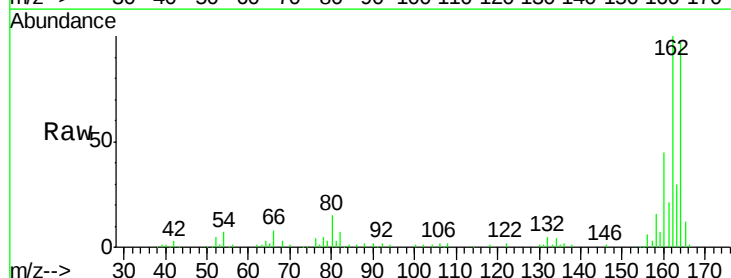
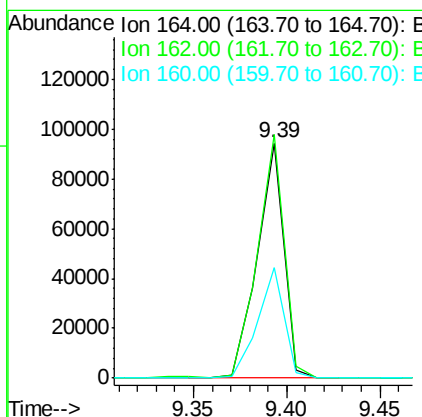
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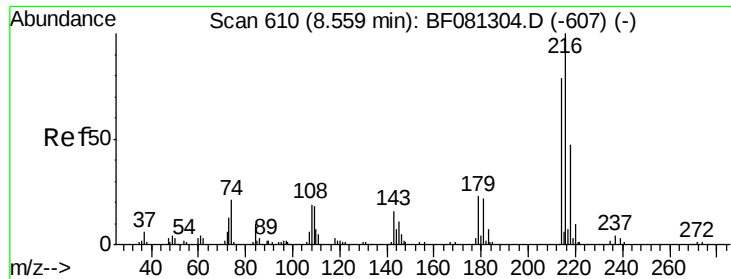
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92733		
162	103.5	75.2	112.8	
160	46.7	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.03 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

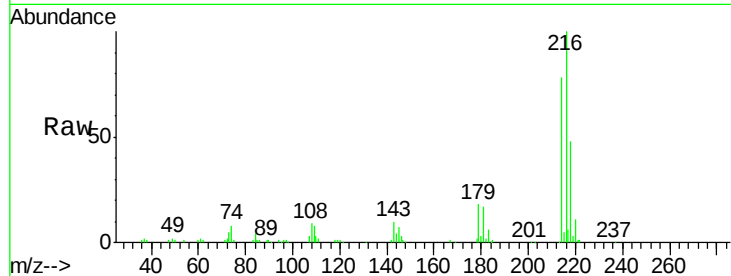
ClientSampleId :

MGP2240BR-23-25MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	129128		
214	79.0	63.5	95.3	
179	21.9	16.6	24.8	
108	21.9	16.3	24.5	

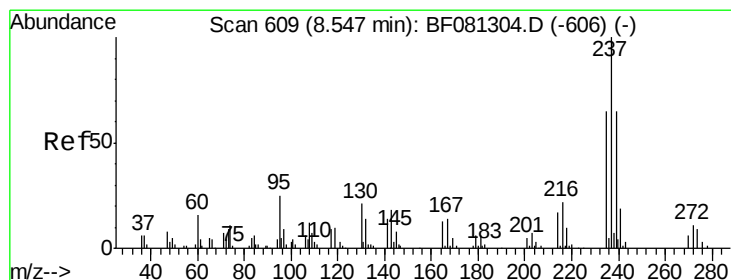
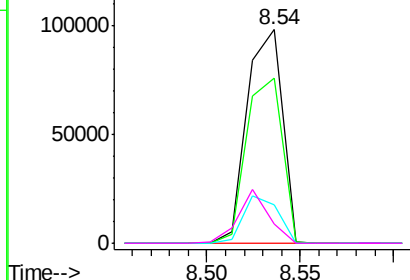
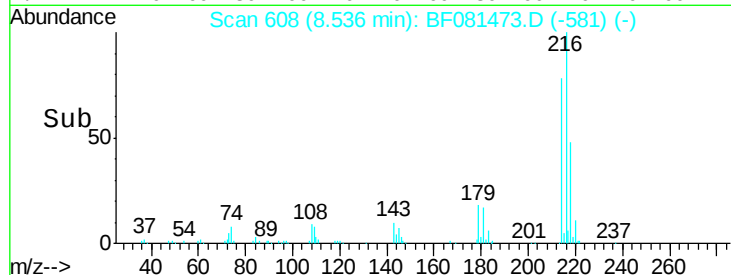


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.30 ng

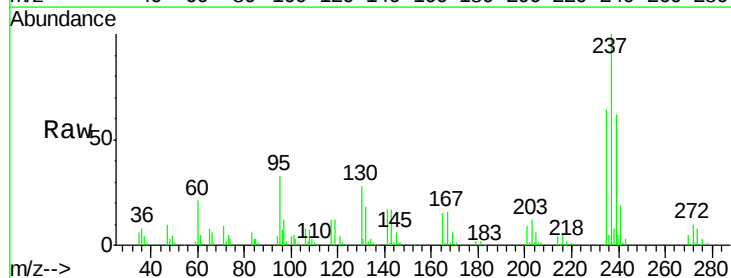
RT: 8.51 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

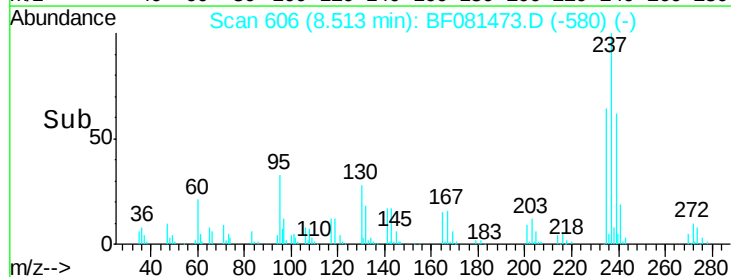
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	129968		
235	63.9	42.0	82.0	
272	10.2	0.0	36.1	



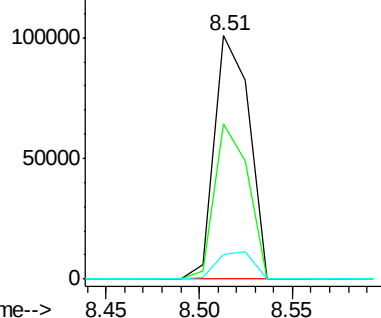
Abundance Ion 236.80 (236.50 to 237.50): E

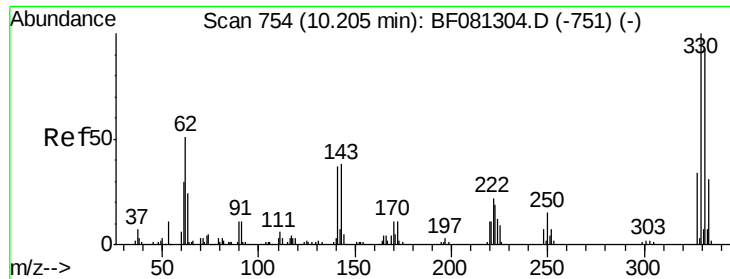
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





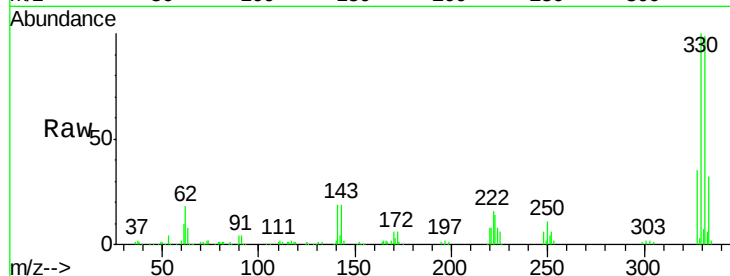
#41
 2,4,6-Tribromophenol
 Concen: 167.52 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

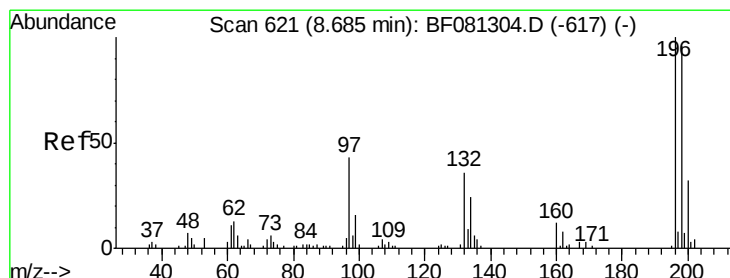
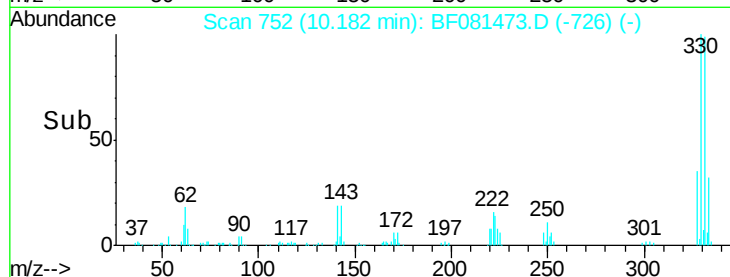
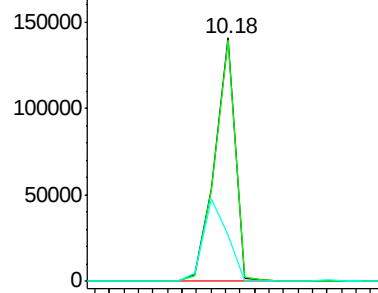
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138319		
332	98.5	76.6	114.8	
141	39.7	29.7	44.5	

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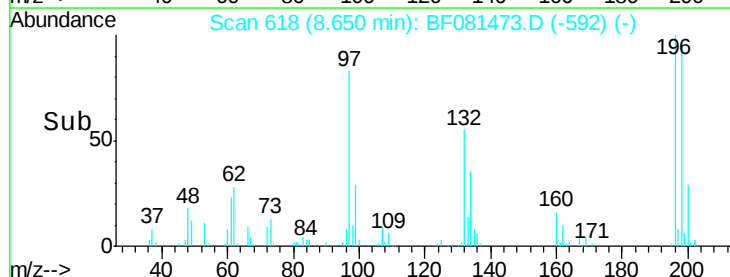
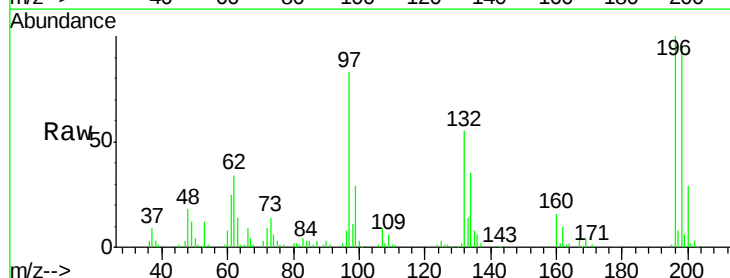
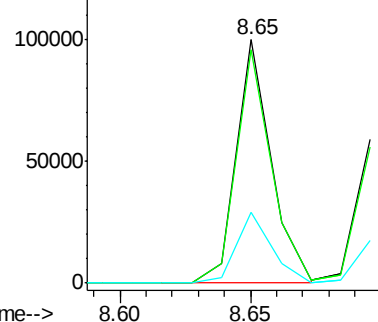
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

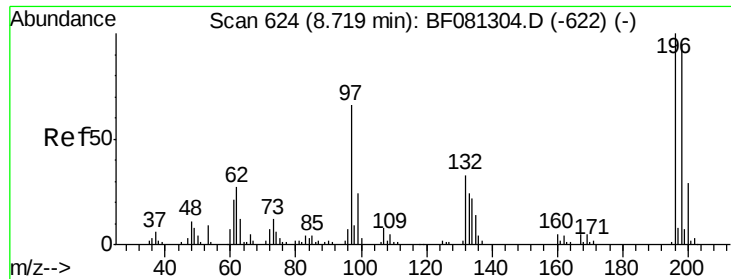


#42
 2,4,6-Trichlorophenol
 Concen: 45.51 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92119		
198	95.9	75.7	113.5	
200	29.1	23.9	35.9	

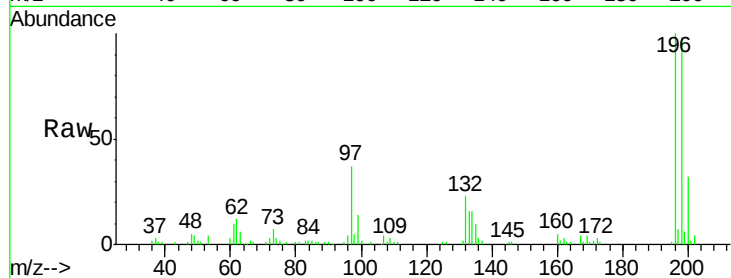
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 47.67 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

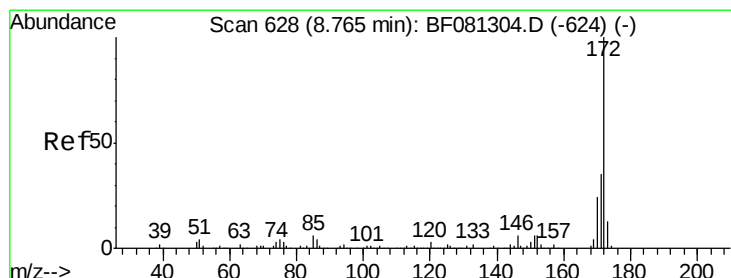
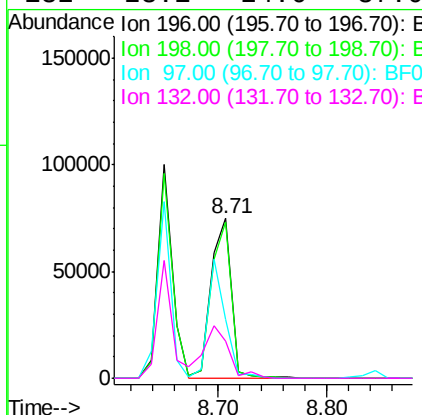
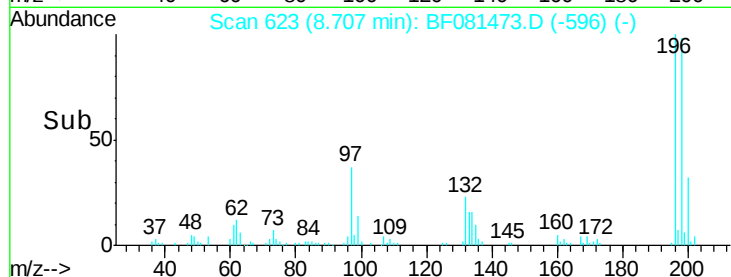
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD



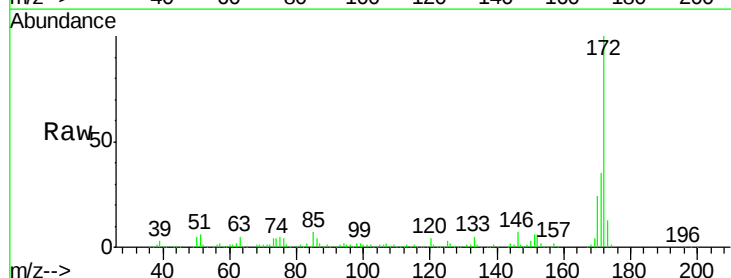
Tgt Ion:	196	Resp:	98441
Ion Ratio	Lower	Upper	
196	100		
198	98.1	75.4	113.0
97	37.2	33.3	49.9
132	23.1	24.6	37.0#

Manual Integrations
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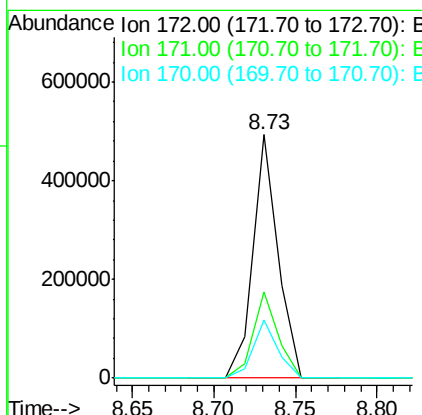
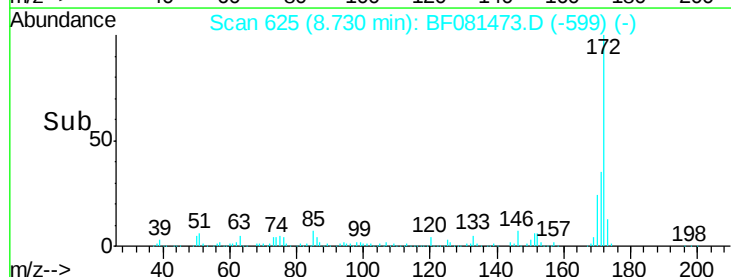
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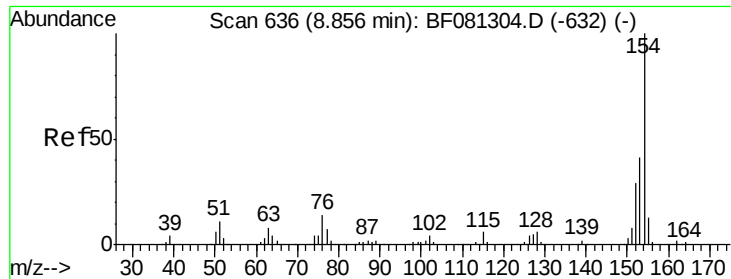


#44
 2-Fluorobiphenyl
 Concen: 72.85 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25



Tgt Ion:	172	Resp:	527190
Ion Ratio	Lower	Upper	
172	100		
171	35.3	26.1	39.1
170	23.8	17.4	26.2





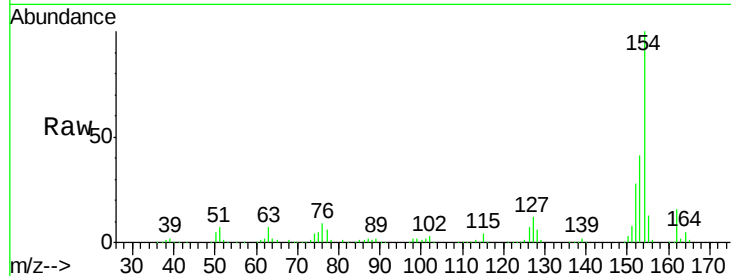
#45
 1,1'-Biphenyl
 Concen: 44.95 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

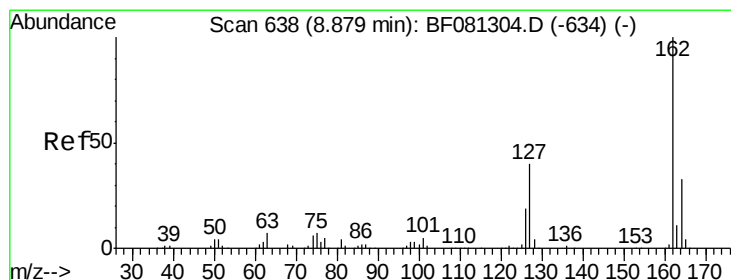
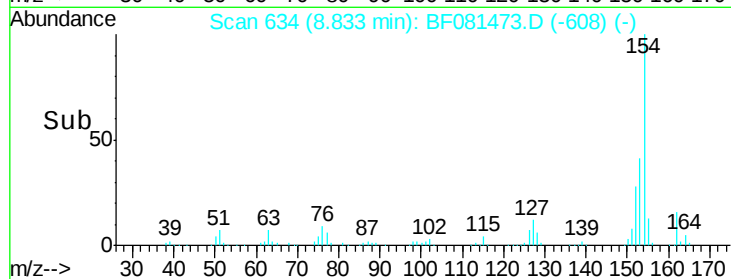
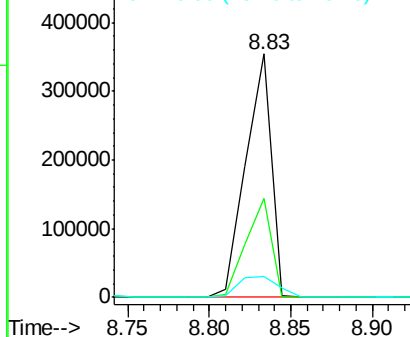
Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	17.1	57.1	
76	8.6	0.0	31.6	

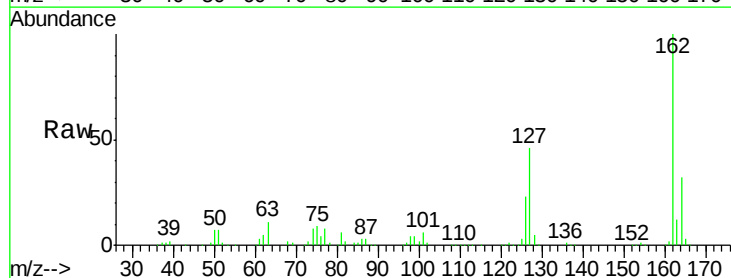


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

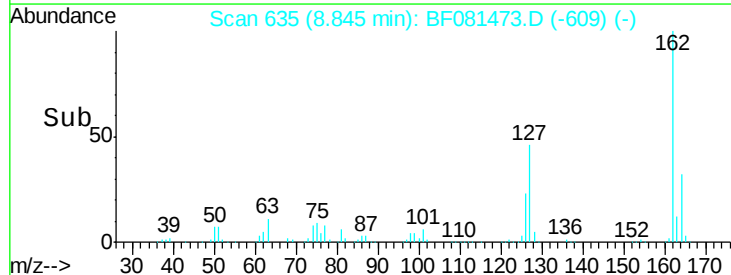
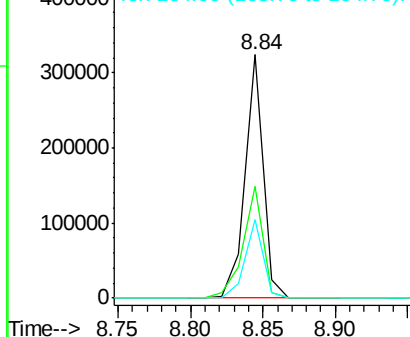


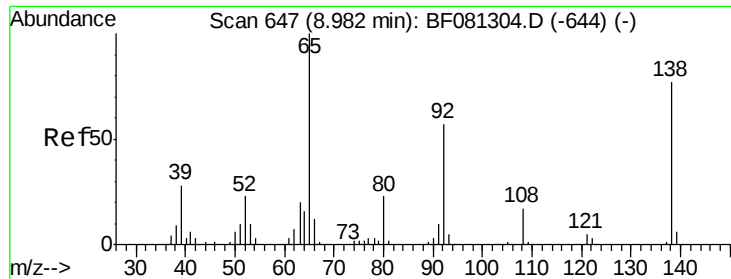
#46
 2-Chloronaphthalene
 Concen: 45.49 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.1	27.6	41.4#	
164	32.2	25.4	38.2	



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





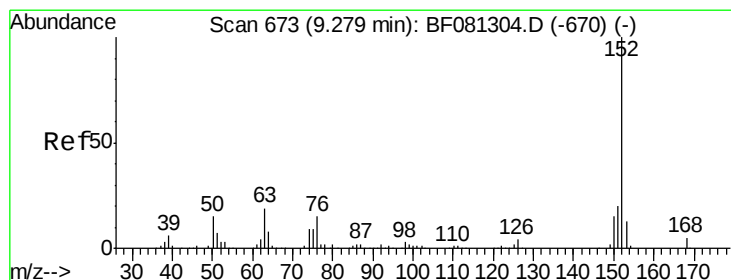
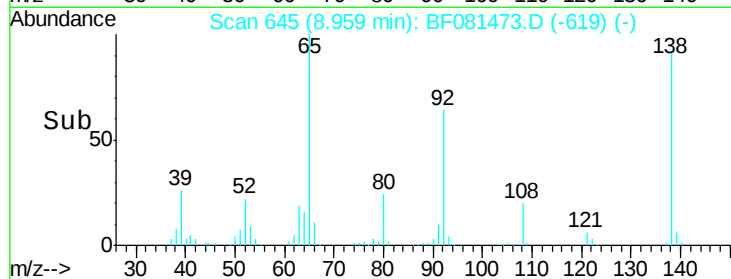
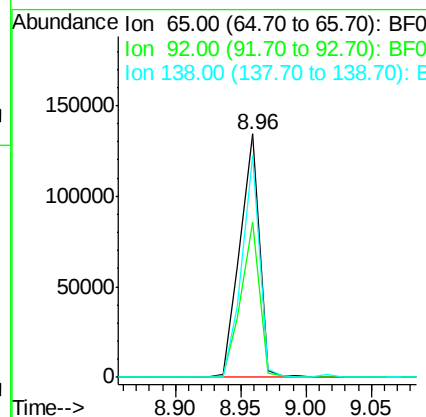
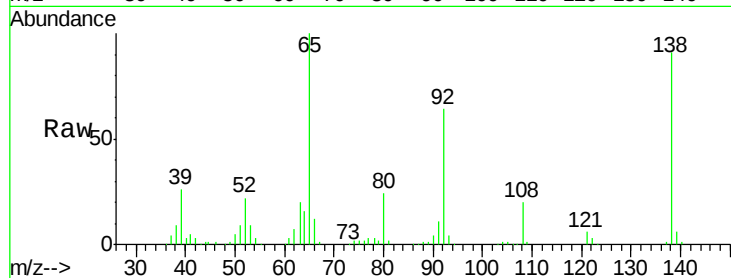
#47
2-Nitroaniline
Concen: 55.47 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.4	83.0
138	91.2	115.5	173.3#

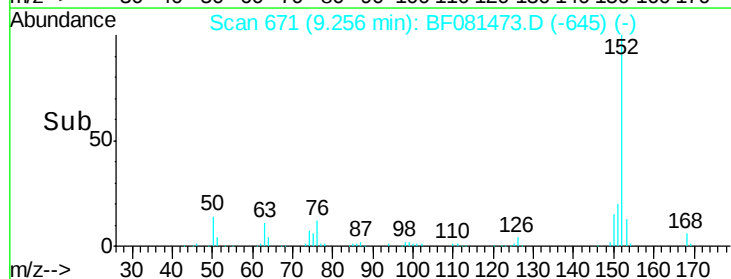
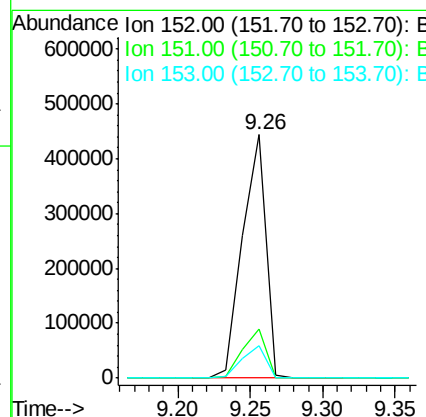
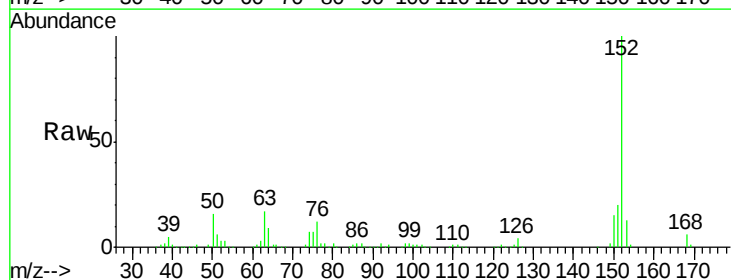
Manual Integrations
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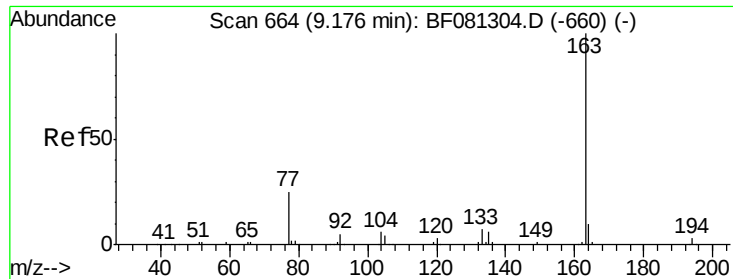
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9/8/2015 1:57:39 PM



#48
Acenaphthylene
Concen: 45.40 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.2	10.3	15.5





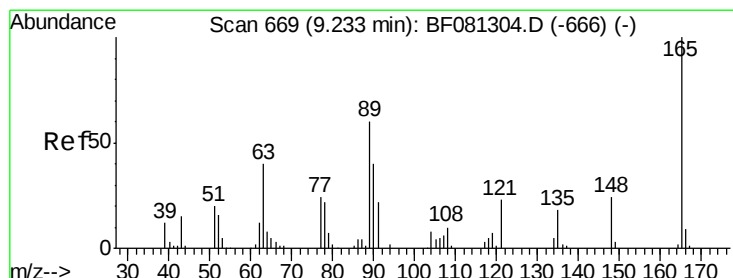
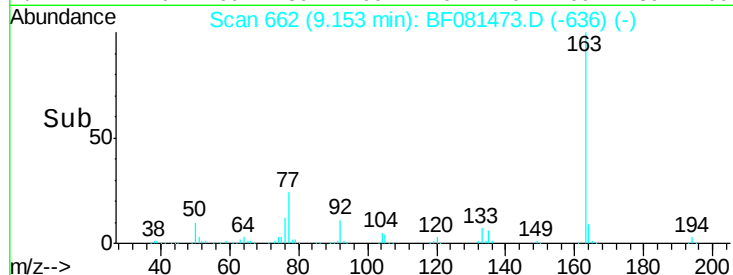
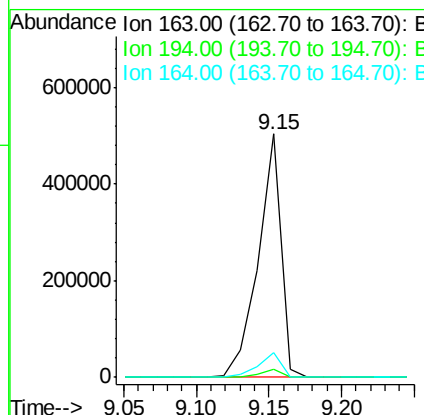
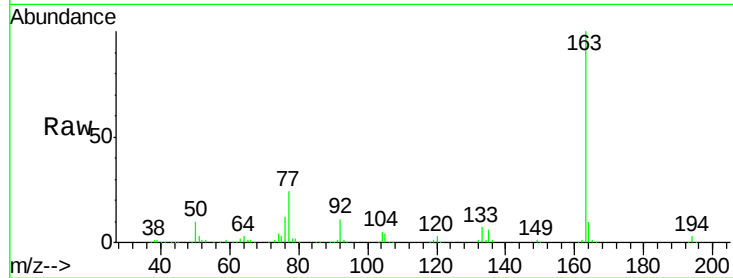
#49
Dimethylphthalate
Concen: 76.43 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	4.4	6.6#
164	10.1	8.3	12.5

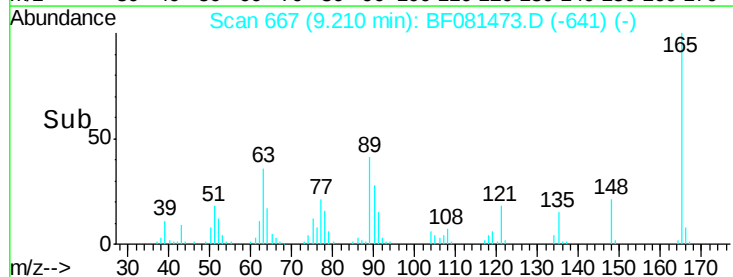
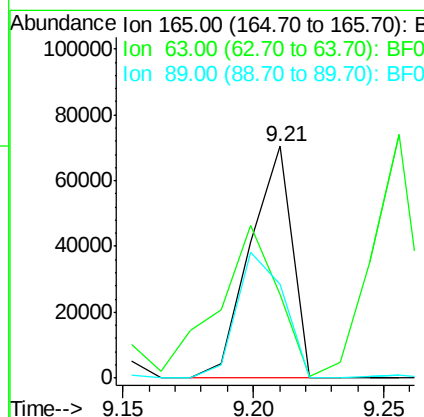
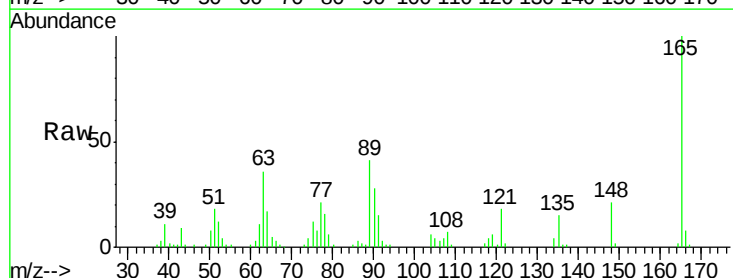
Manual Integrations
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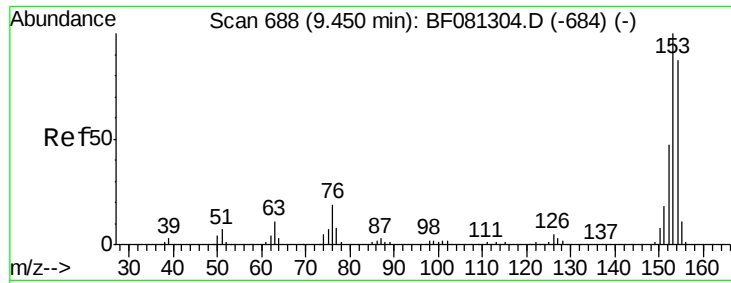
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#50
2,6-Dinitrotoluene
Concen: 48.58 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.1	32.3	48.5
89	40.5	28.6	43.0





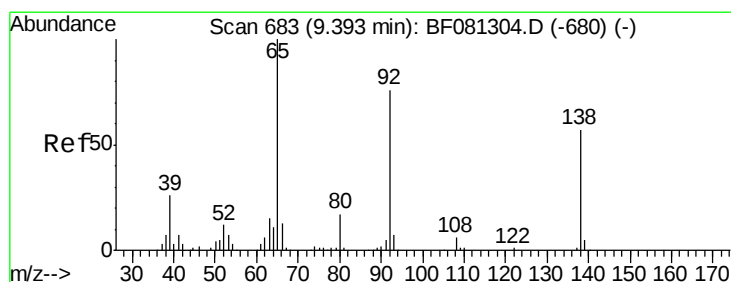
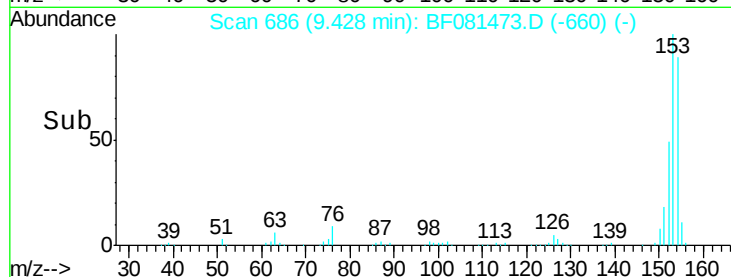
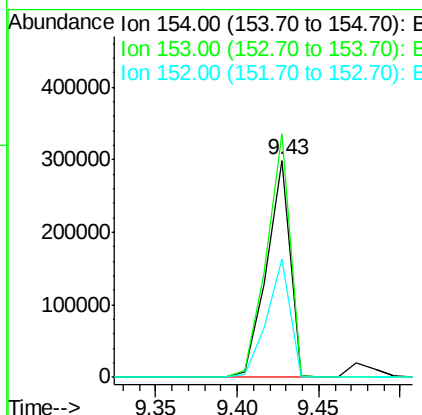
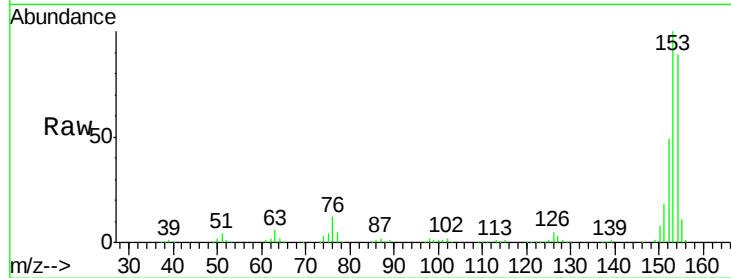
#51
Acenaphthene
Concen: 48.44 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	301186		
153	112.1	82.1	123.1	
152	54.4	37.9	56.9	

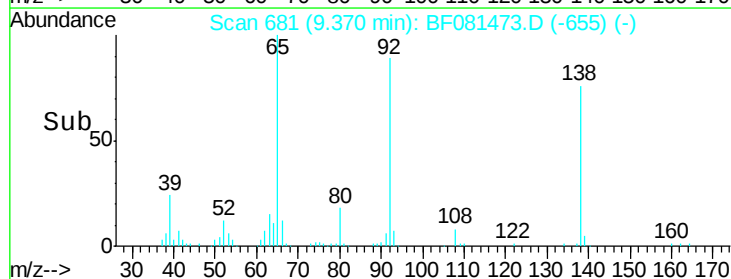
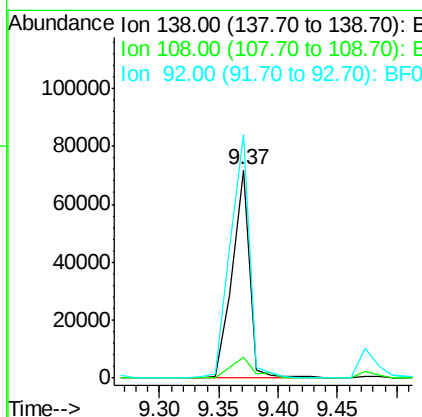
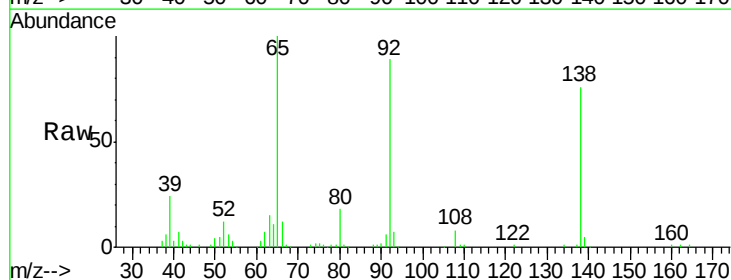
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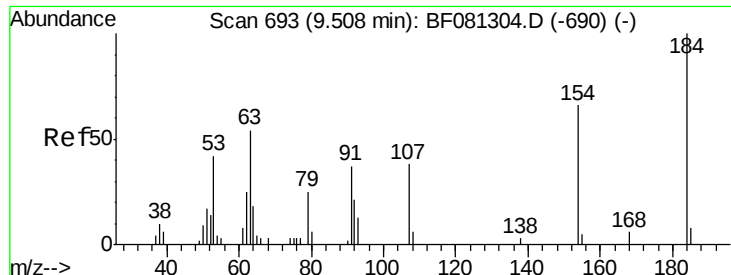
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#52
3-Nitroaniline
Concen: 39.15 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	72887		
108	10.0	5.7	8.5#	
92	117.0	67.7	101.5#	





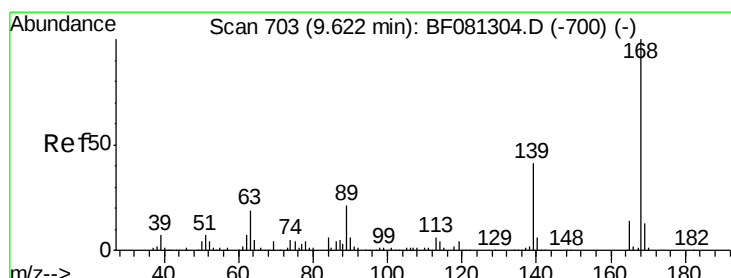
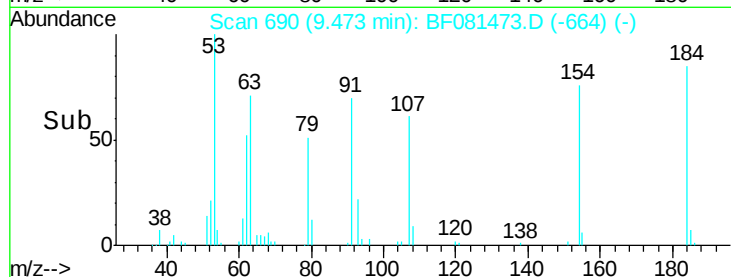
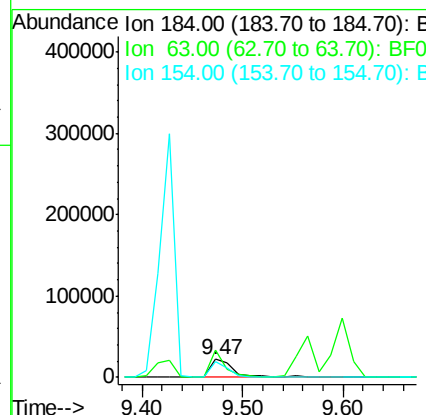
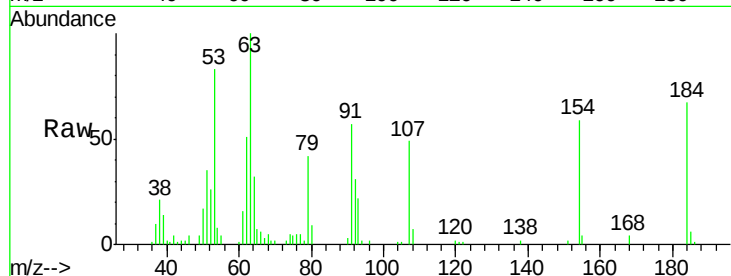
#53
2,4-Dinitrophenol
Concen: 51.97 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35795		
63	149.9	35.4	53.2#	
154	88.7	32.2	48.4#	

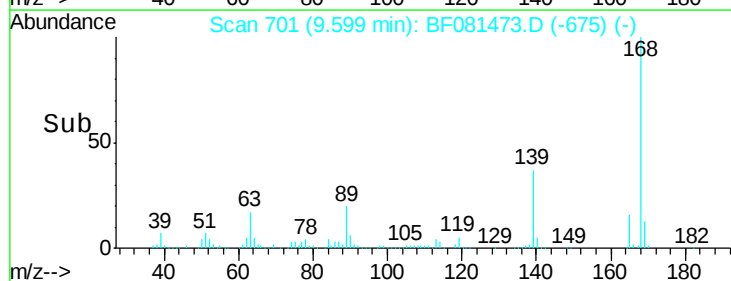
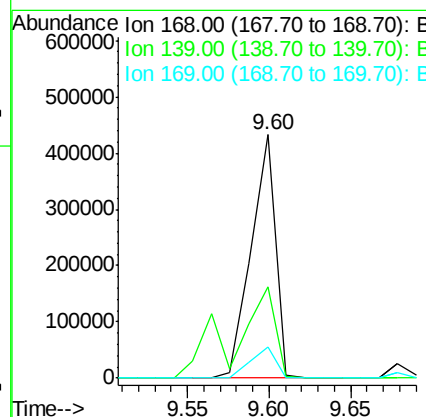
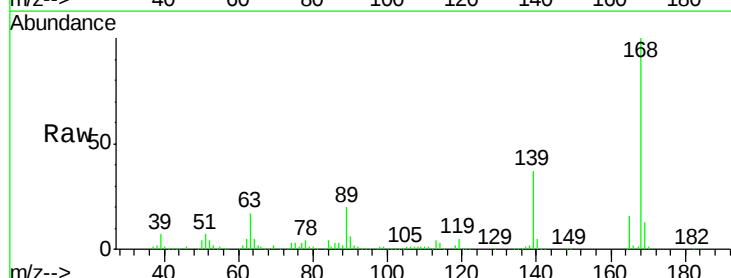
Manual Integrations
APPROVED

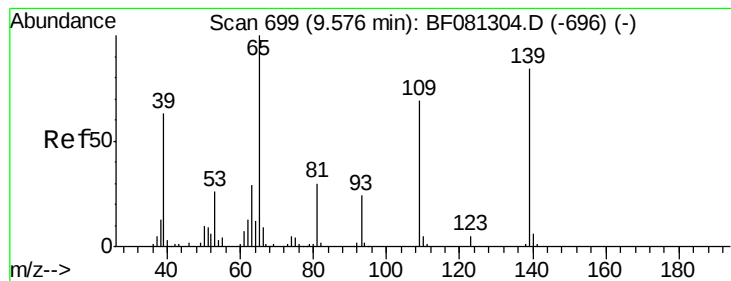
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#54
Dibenzofuran
Concen: 49.20 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	446683		
139	37.4	24.2	36.2#	
169	12.9	10.6	15.8	





#55

4-Nitrophenol

Concen: 95.37 ng m

RT: 9.56 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

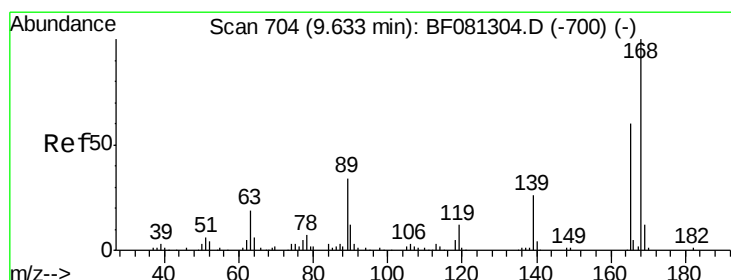
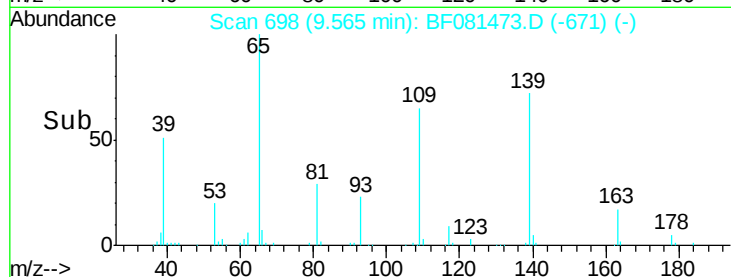
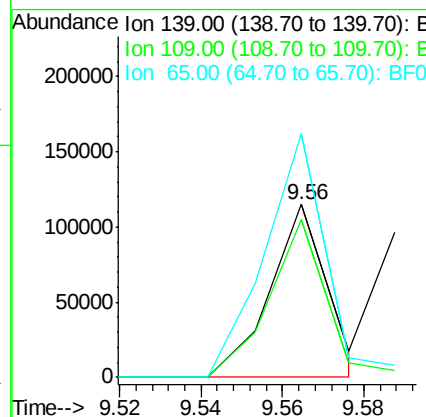
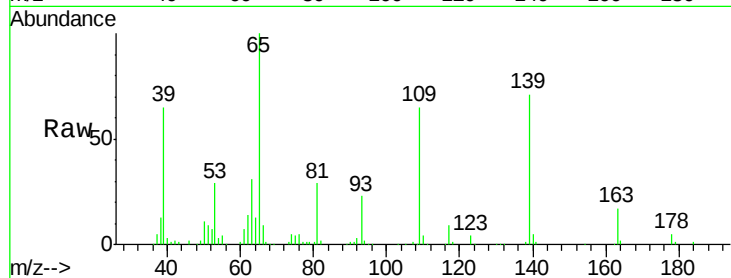
MGP2240BR-23-25MSD

Manual Integrations
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9/8/2015 1:57:39 PM

Tgt Ion:	139	Resp:	111539
Ion Ratio	Lower	Upper	
139	100		
109	91.5	12.7	52.7#
65	141.0	45.9	85.9#



#56

2,4-Dinitrotoluene

Concen: 47.39 ng

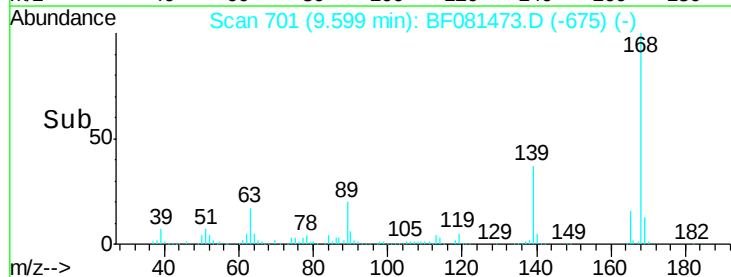
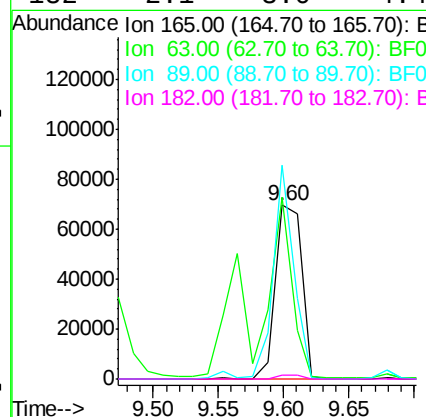
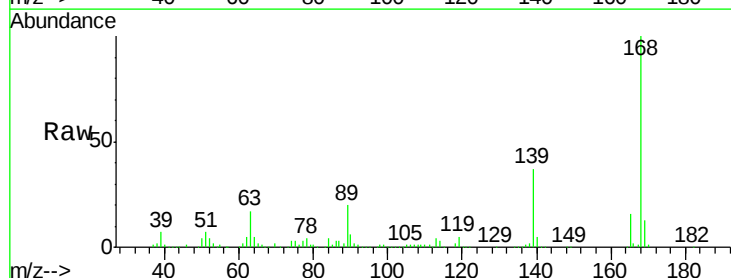
RT: 9.60 min Scan# 701

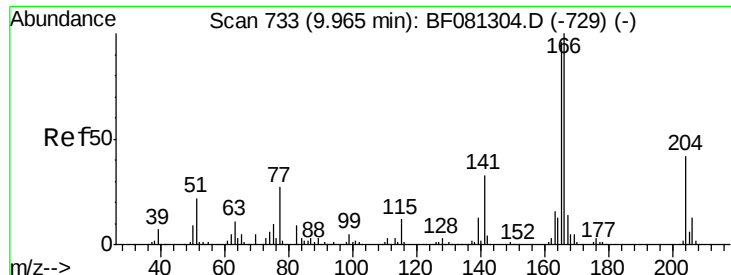
Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

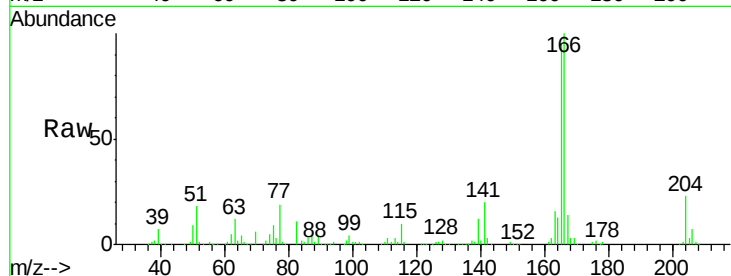
Tgt Ion:	165	Resp:	98676
Ion Ratio	Lower	Upper	
165	100		
63	104.1	29.8	44.6#
89	122.7	44.5	66.7#
182	2.1	3.0	4.4#





#57
 Fluorene
 Concen: 45.40 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

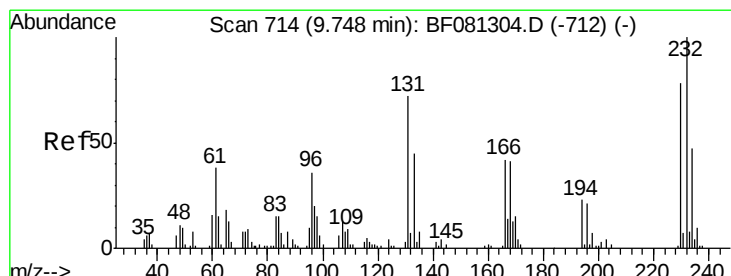
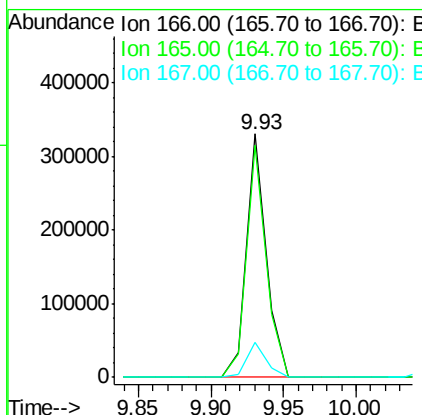
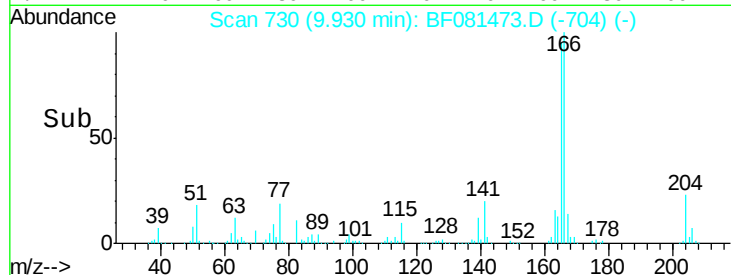
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD



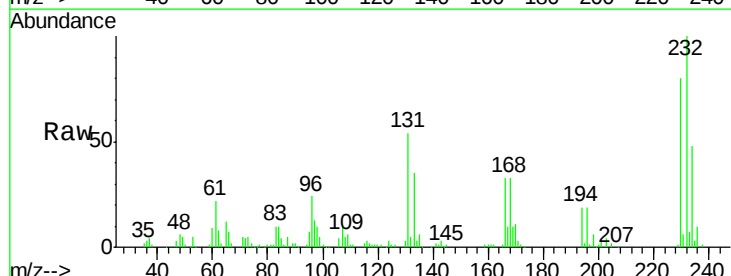
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	312836		
165	95.4	72.6	109.0	
167	14.2	10.6	16.0	

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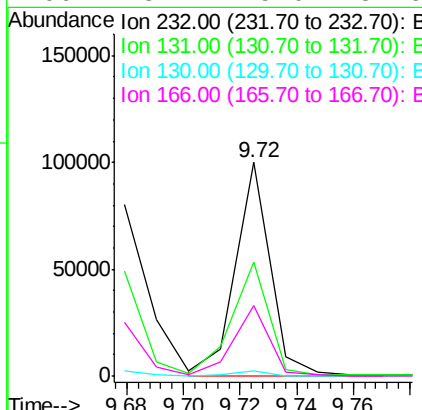
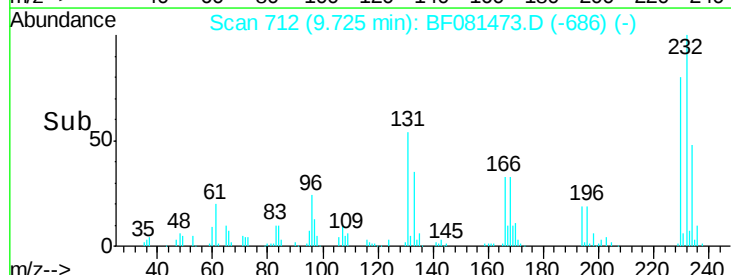
MMDadoda
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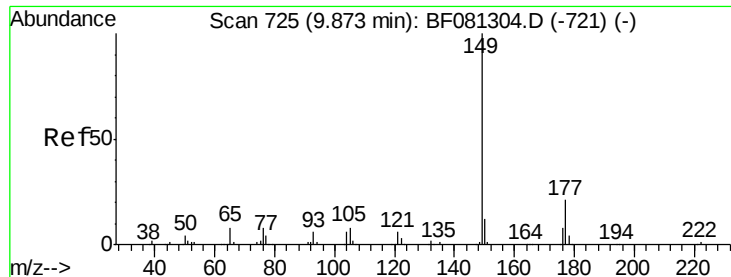


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.16 ng m
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	85378		
131	48.1	38.5	57.7	
130	2.2	1.8	2.6	
166	25.7	25.0	37.6	





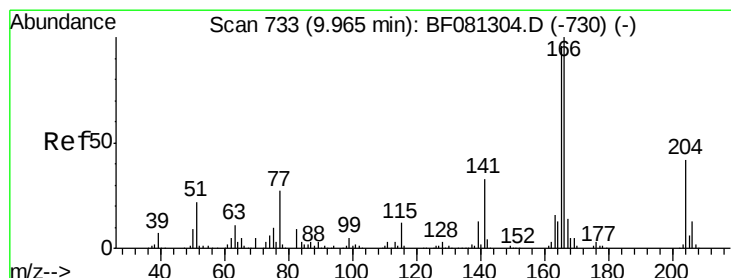
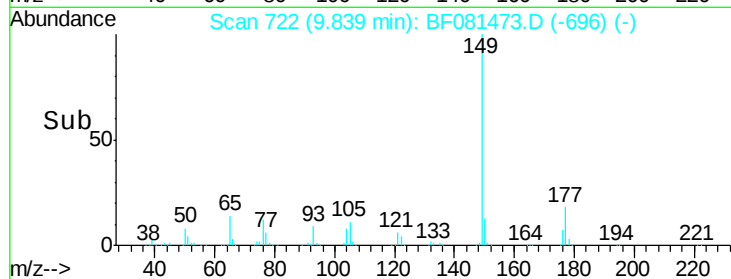
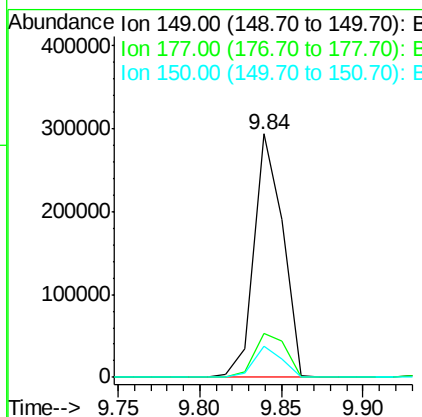
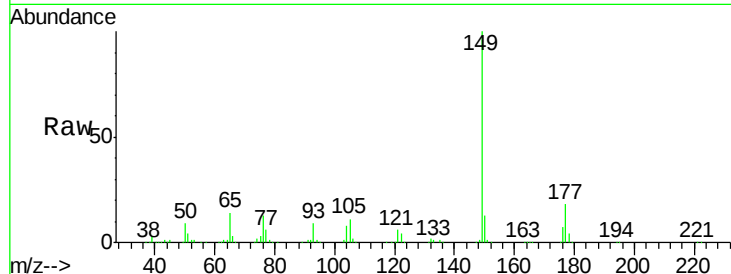
#59
Diethylphthalate
Concen: 47.44 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	359513		
177	18.2	17.5	26.3	
150	12.5	9.4	14.2	

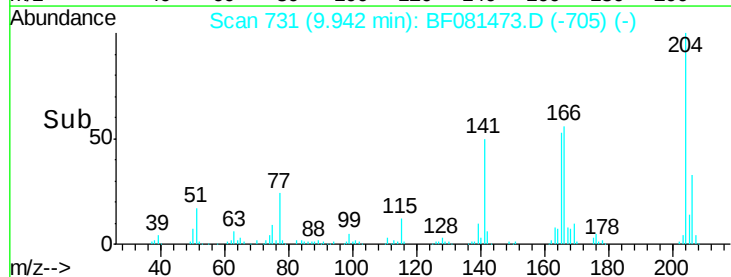
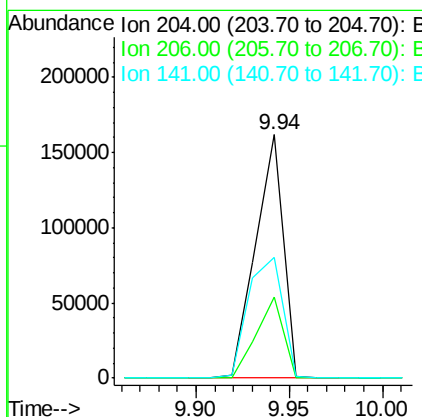
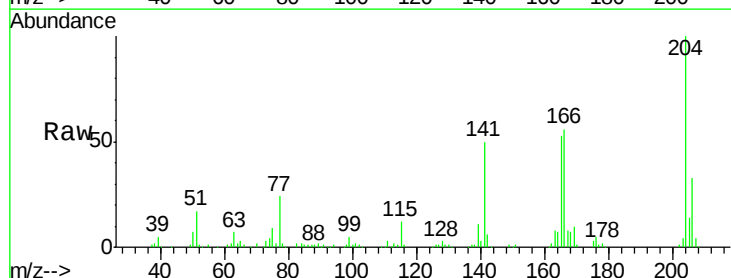
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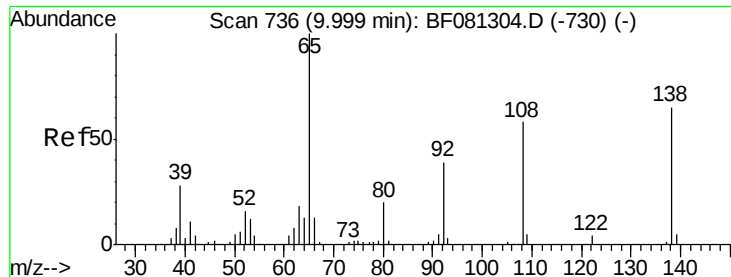
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#60
4-Chlorophenyl-phenylether
Concen: 51.67 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	165931		
206	33.4	24.8	37.2	
141	49.6	42.2	63.4	





#61

4-Nitroaniline

Concen: 42.22 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

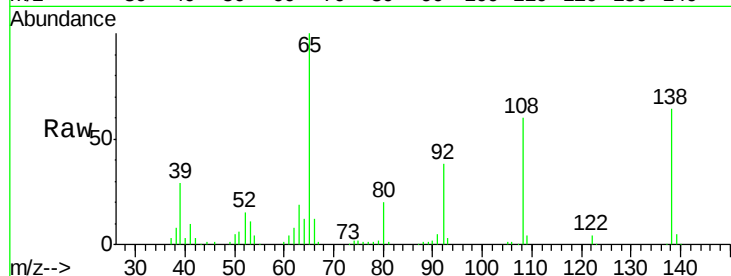
ClientSampleId :

MGP2240BR-23-25MSD

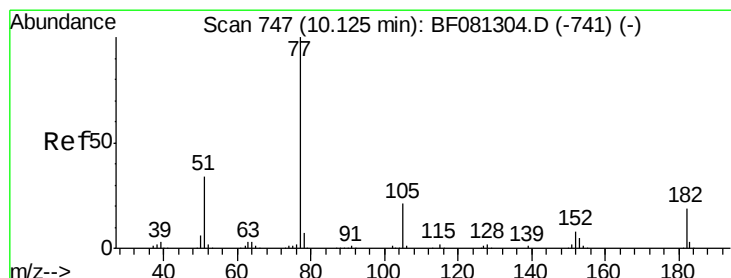
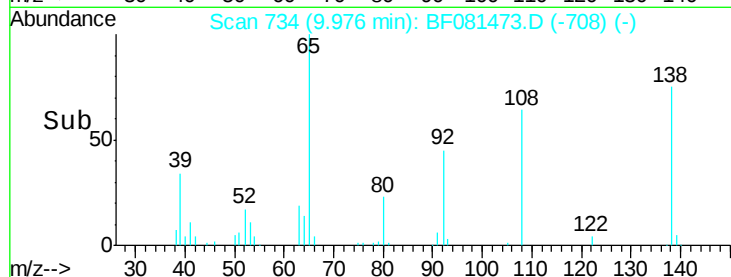
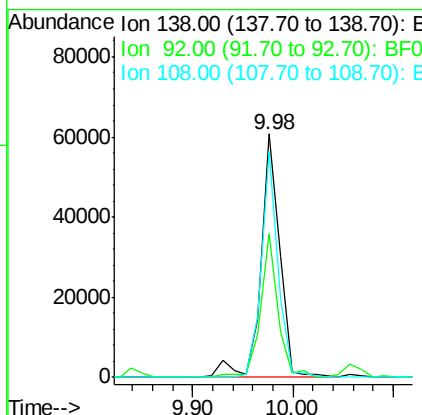
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9/8/2015 1:57:39 PM



Tgt Ion:	138	Resp:	79414
Ion Ratio	Lower	Upper	
138	100		
92	59.2	12.6	52.6#
108	92.7	12.4	52.4#



#62

Azobenzene

Concen: 46.57 ng

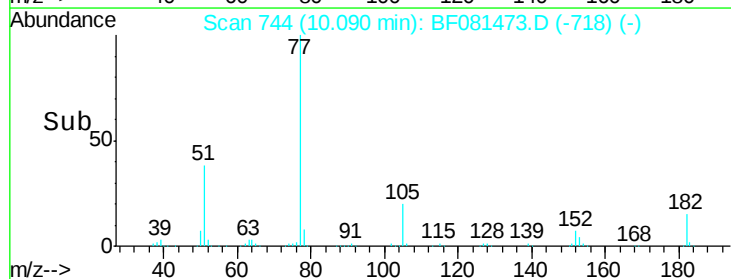
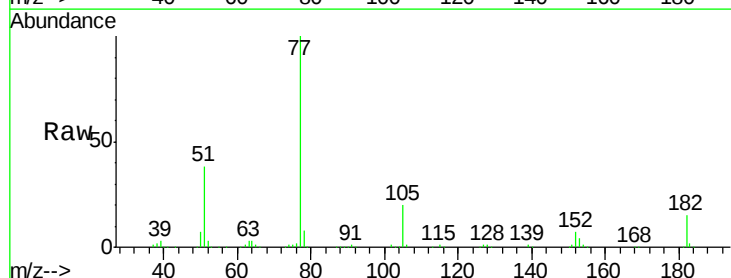
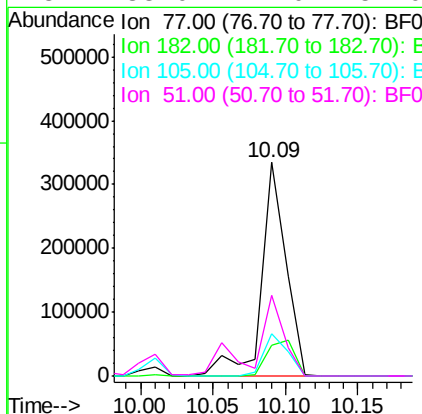
RT: 10.09 min Scan# 744

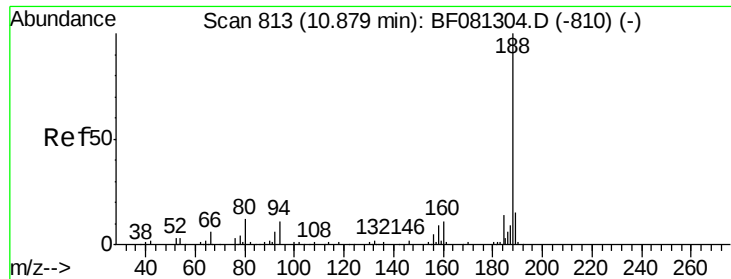
Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion:	77	Resp:	392377
Ion Ratio	Lower	Upper	
77	100		
182	14.5	15.1	55.1#
105	20.0	3.4	43.4
51	38.0	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF081473.D

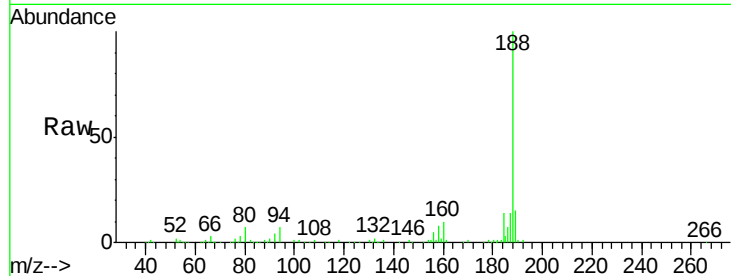
Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD



Tgt Ion:188 Resp: 188378

Ion Ratio Lower Upper

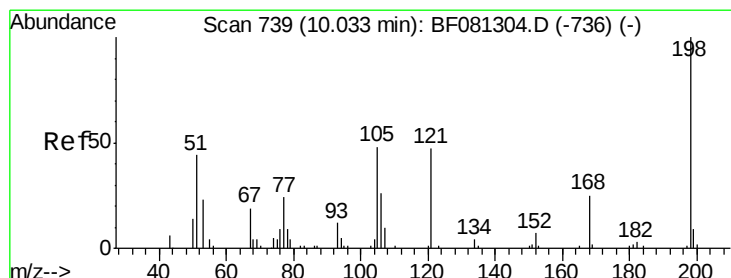
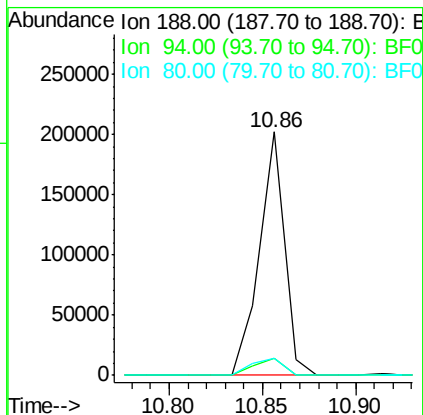
188 100

94 6.9 11.1 16.7#

80 6.9 11.0 16.4#

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9/8/2015 1:57:39 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 49.98 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

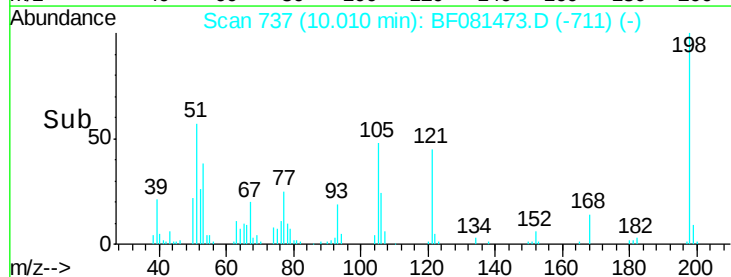
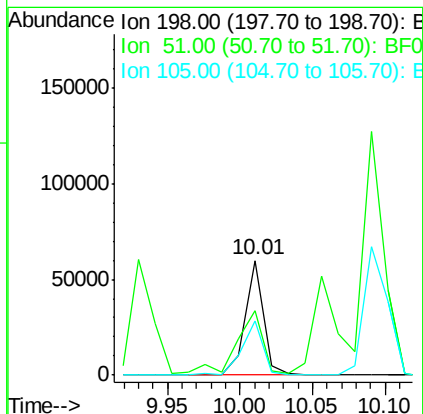
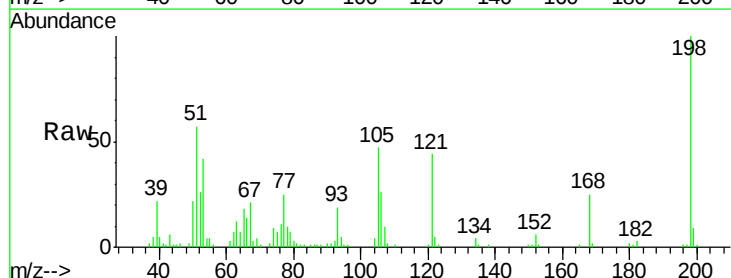
Tgt Ion:198 Resp: 52664

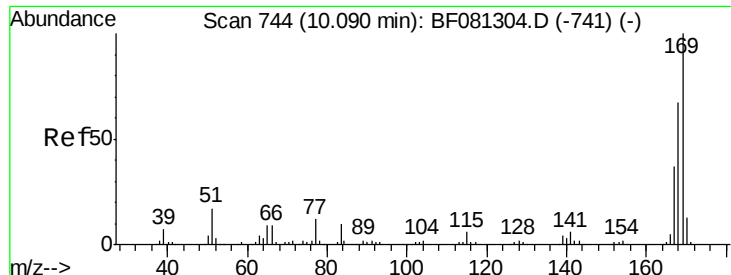
Ion Ratio Lower Upper

198 100

51 56.5 39.6 79.6

105 47.1 28.5 68.5





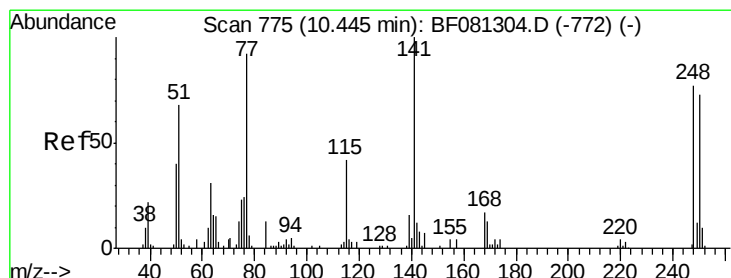
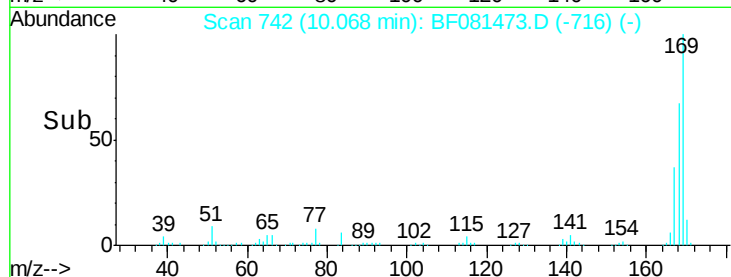
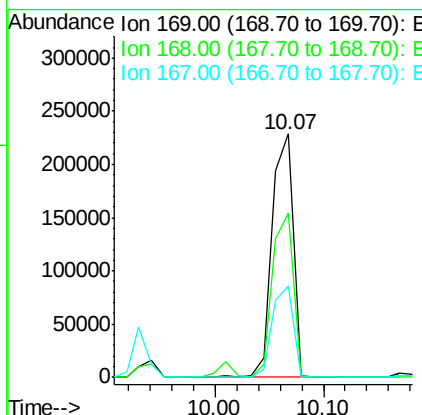
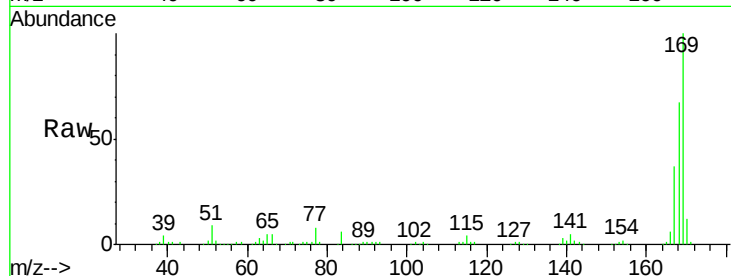
#65
 n-Nitrosodiphenylamine
 Concen: 44.62 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	305882		
168	67.3	48.9	73.3	
167	37.3	26.2	39.4	

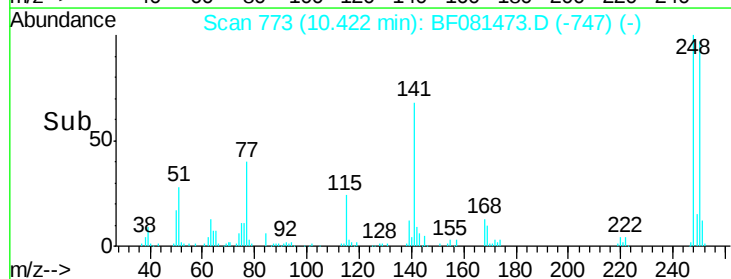
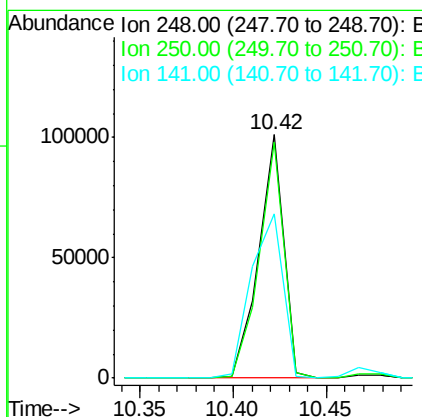
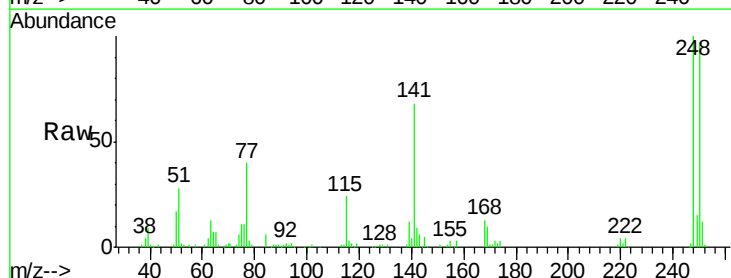
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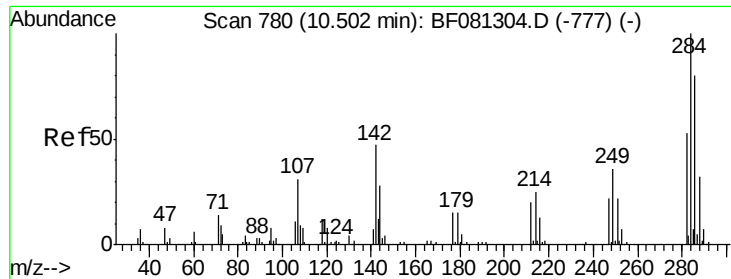
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#66
 4-Bromophenyl-phenylether
 Concen: 49.13 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	93577		
250	96.6	78.5	117.7	
141	67.6	59.0	88.6	





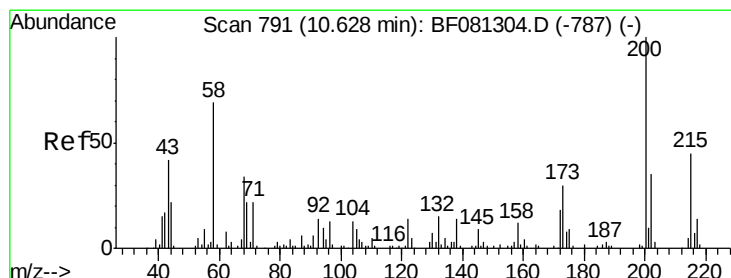
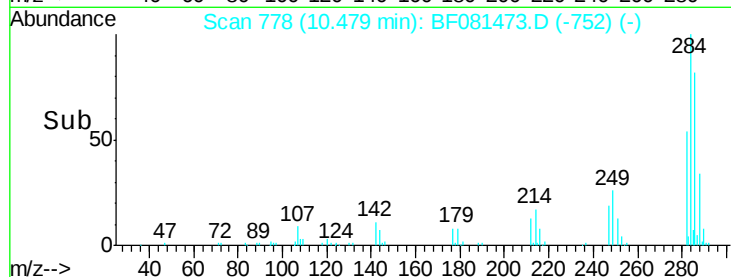
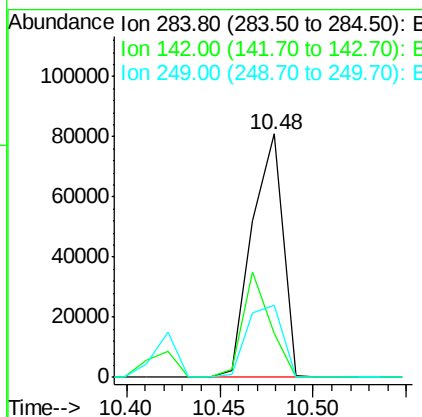
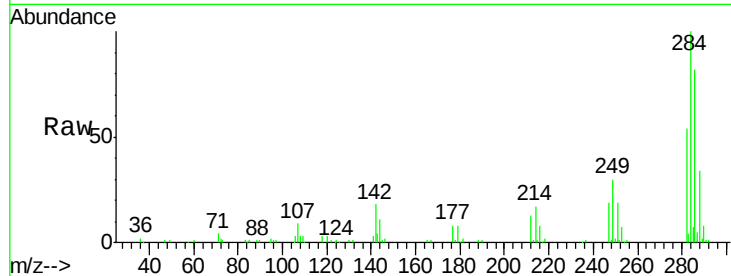
#67
Hexachlorobenzene
Concen: 46.88 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.1	29.5	44.3#
249	29.6	19.5	29.3#

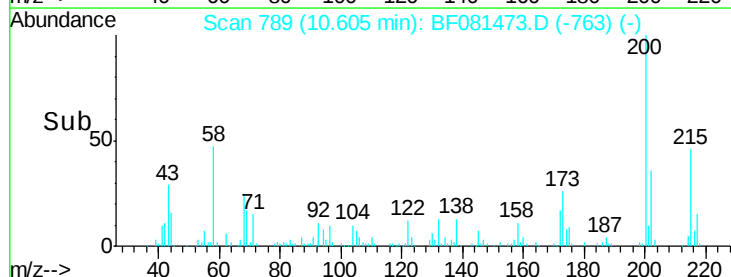
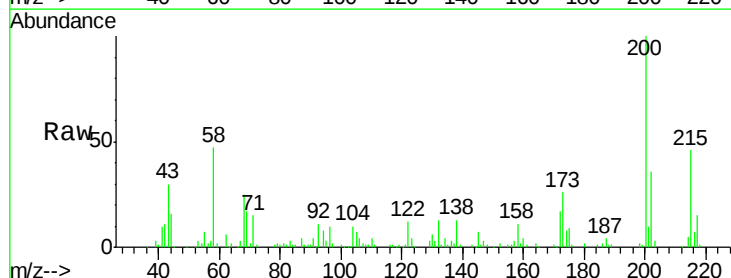
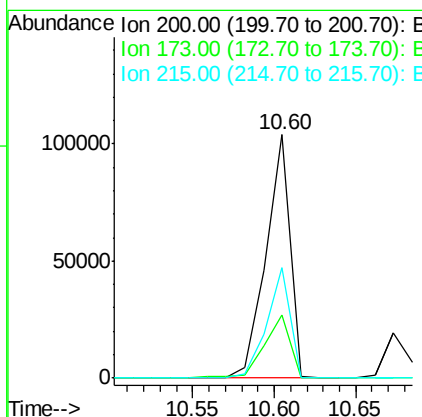
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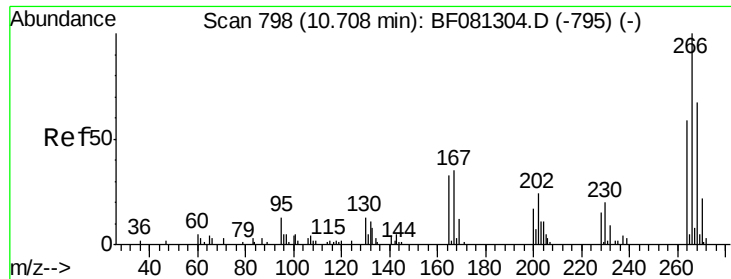
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#68
Atrazine
Concen: 53.87 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	13.2	53.2
215	45.6	41.8	81.8





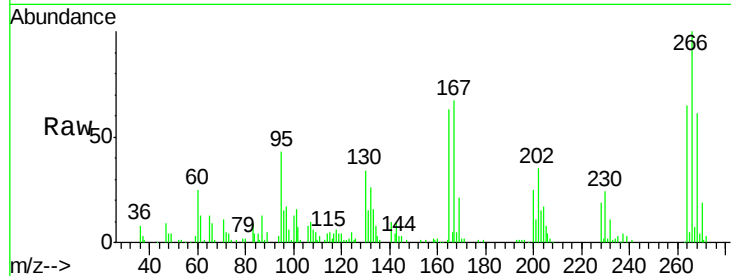
#69
 Pentachlorophenol
 Concen: 96.25 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

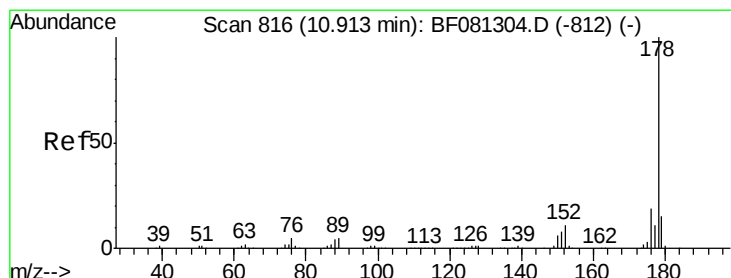
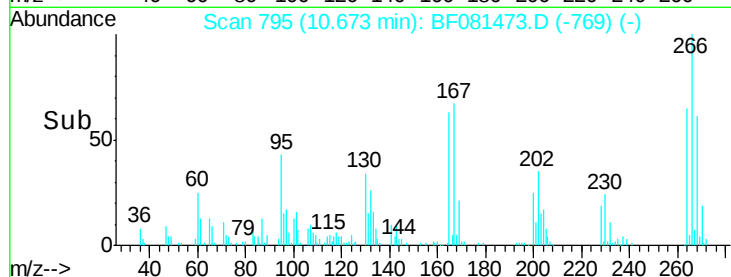
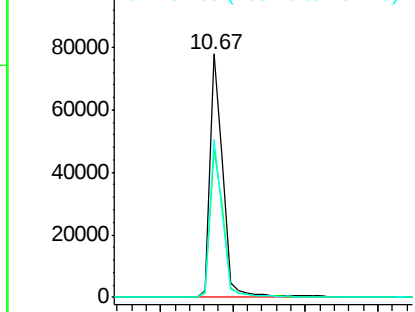
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	95250		
268	60.7	49.8	74.6	
264	64.9	50.2	75.2	

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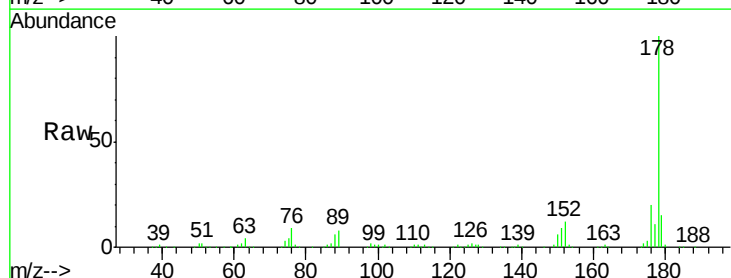


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

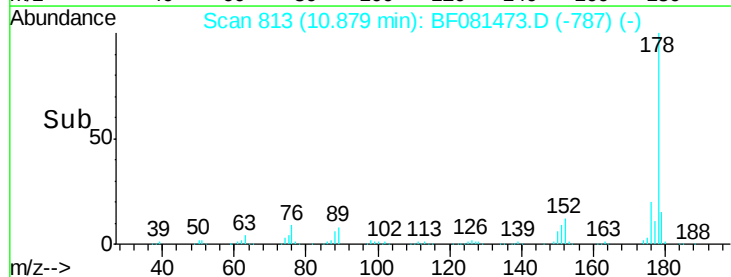
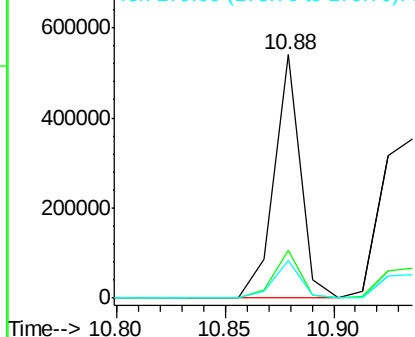


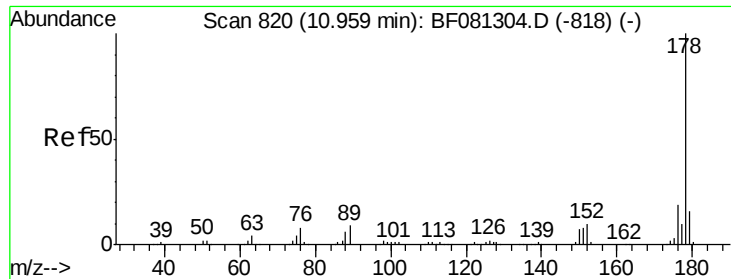
#70
 Phenanthrene
 Concen: 44.08 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	461682		
176	19.7	13.8	20.8	
179	15.4	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





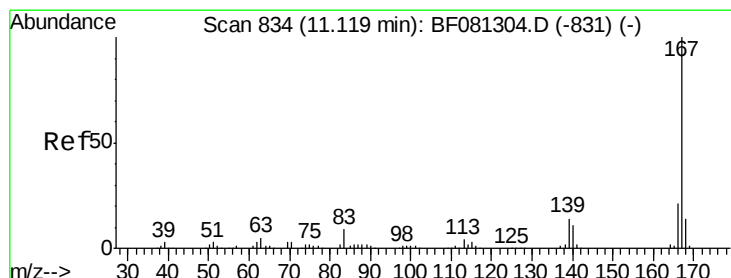
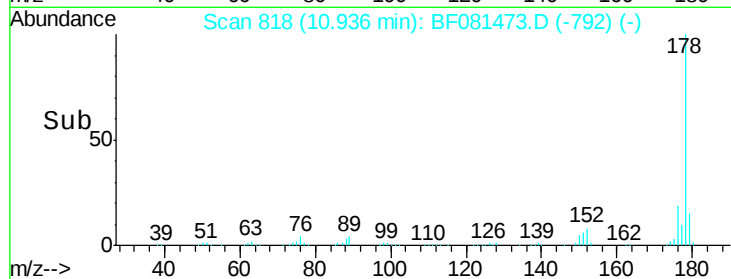
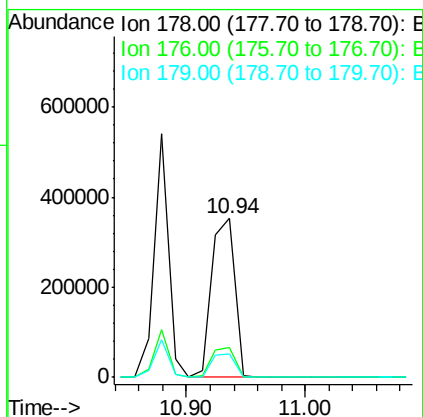
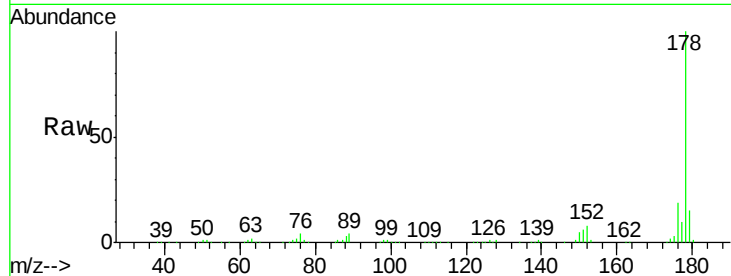
#71
 Anthracene
 Concen: 44.12 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	474703		
176	18.8		14.1	21.1
179	15.0		12.2	18.2

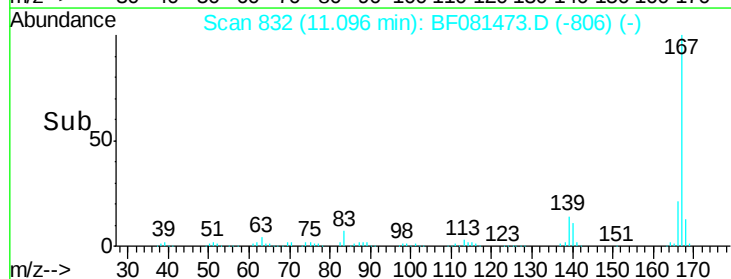
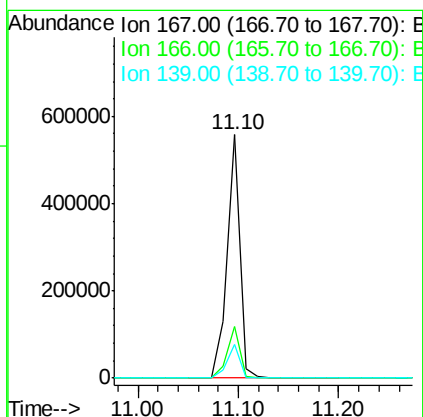
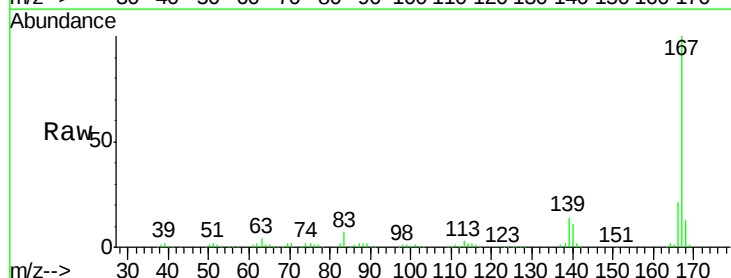
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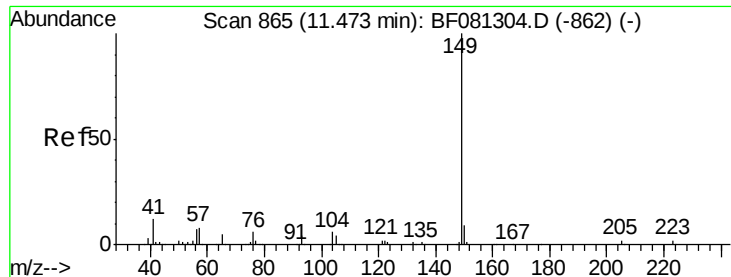
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#72
 Carbazole
 Concen: 48.83 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	493051		
166	21.3		15.7	23.5
139	13.7		9.5	14.3





#73

Di-n-butylphthalate

Concen: 50.91 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

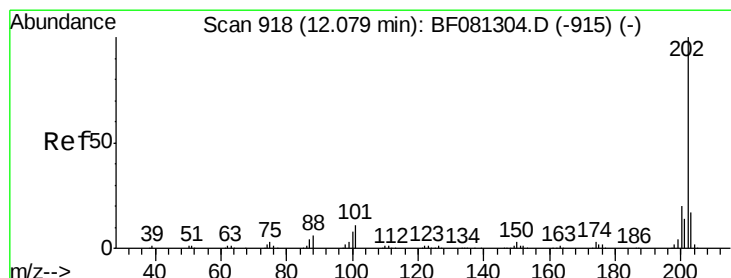
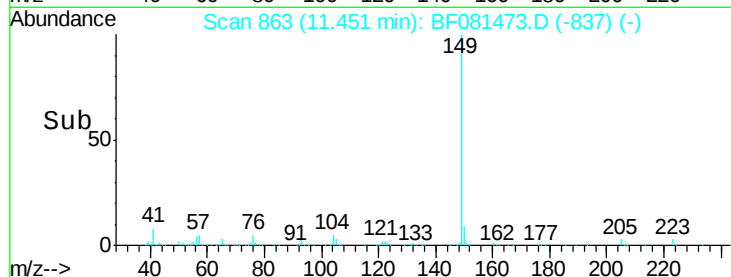
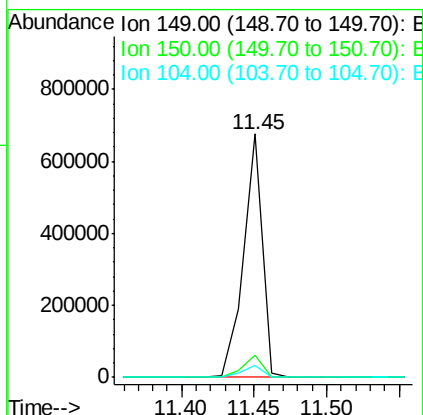
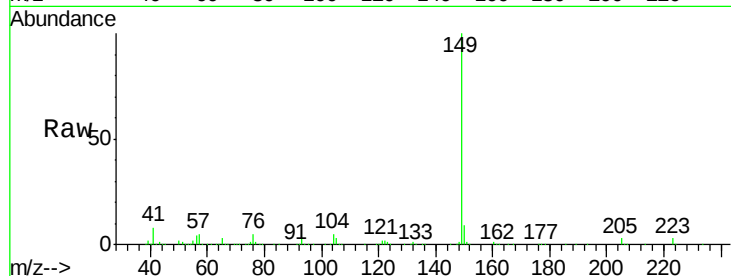
MGP2240BR-23-25MSD

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9/8/2015 1:57:39 PM

Tgt Ion:	149	Resp:	606942
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.0	2.4	3.6#



#74

Fluoranthene

Concen: 45.58 ng

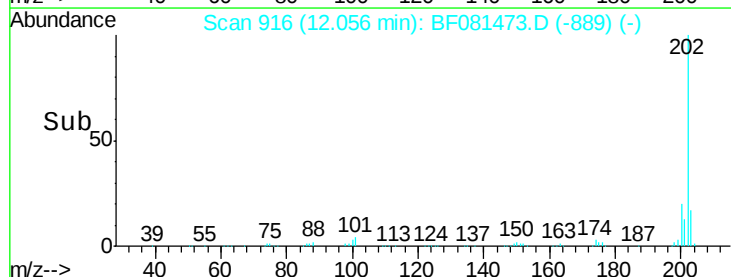
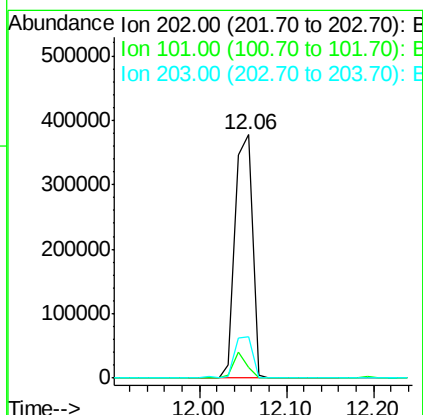
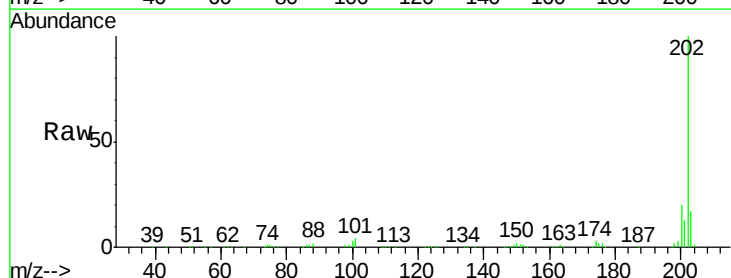
RT: 12.06 min Scan# 916

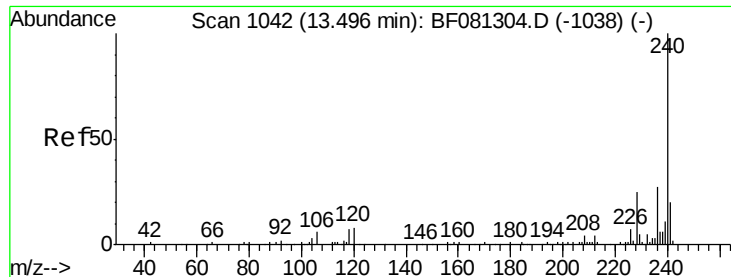
Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion:	202	Resp:	516800
Ion Ratio	Lower	Upper	
202	100		
101	4.3	0.0	38.3
203	17.0	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

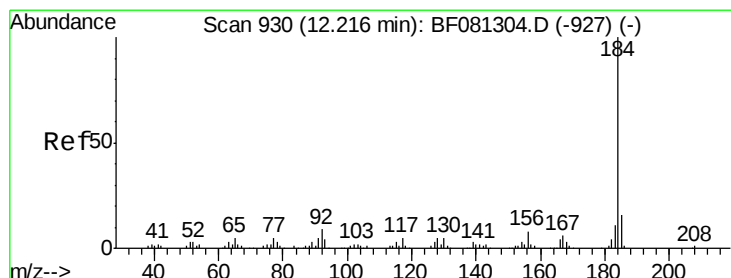
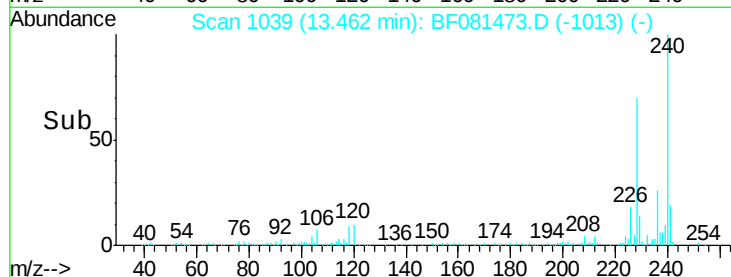
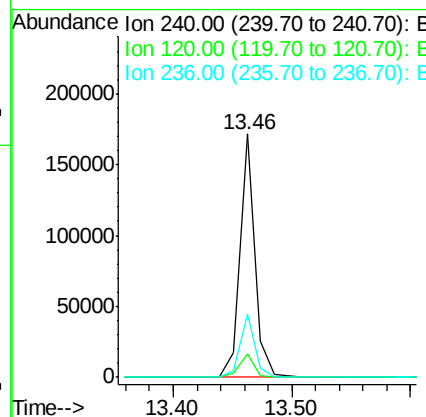
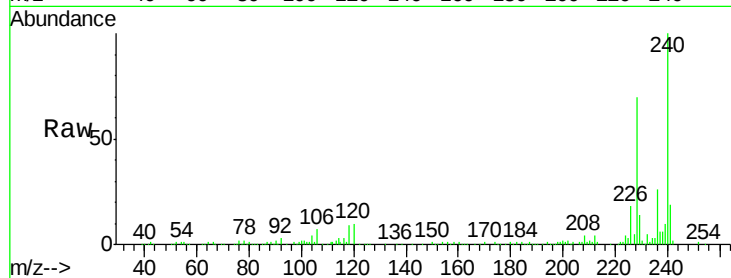
ClientSampleId :

MGP2240BR-23-25MSD

Tgt Ion:	240	Resp:	149574
Ion Ratio	Lower	Upper	
240	100		
120	9.5	16.2	24.2#
236	26.1	18.4	27.6

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#76

Benzidine

Concen: 36.62 ng

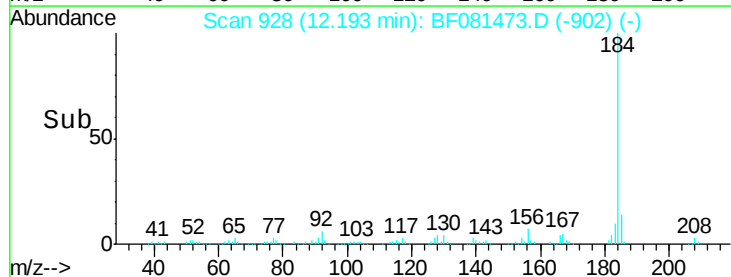
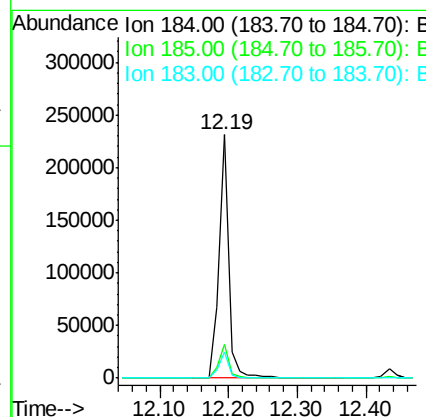
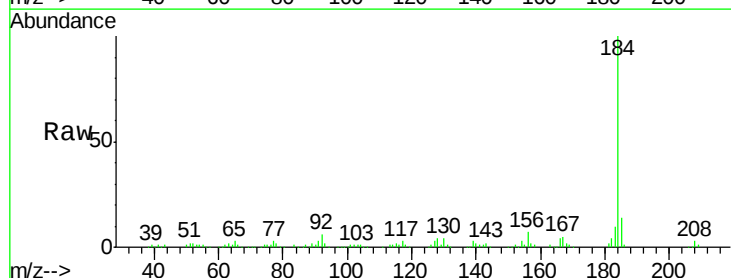
RT: 12.19 min Scan# 928

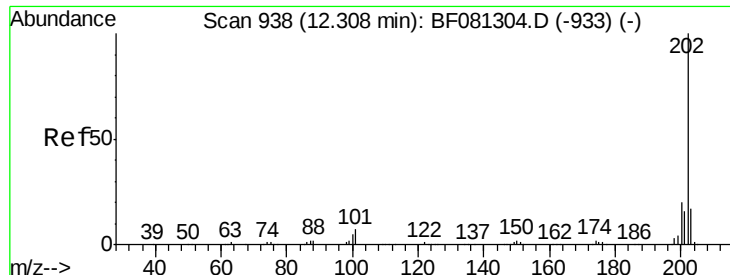
Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion:	184	Resp:	235117
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.6
183	10.5	7.6	11.4





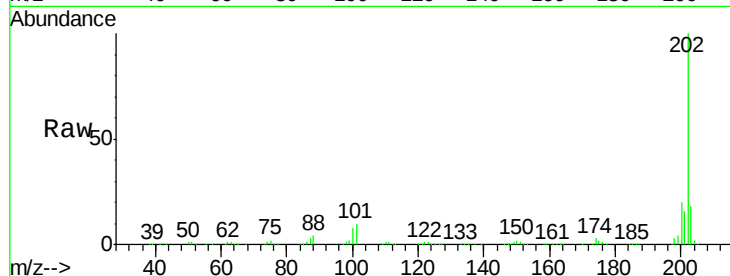
#77
 Pyrene
 Concen: 49.12 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

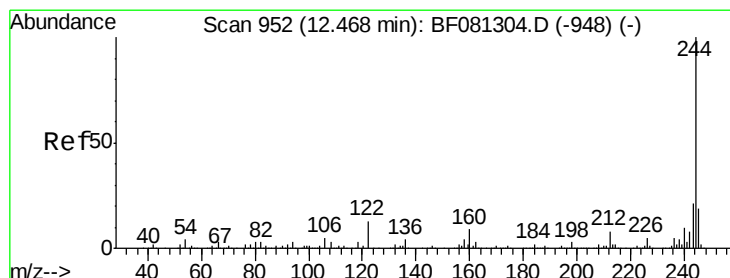
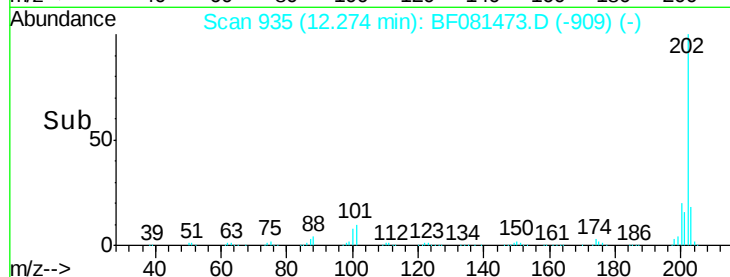
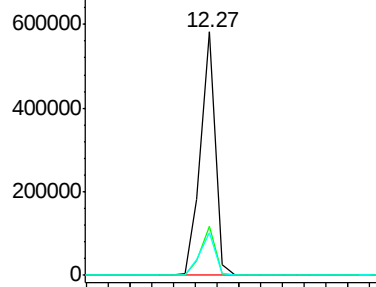
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	15.0	22.4
203	17.7	14.1	21.1

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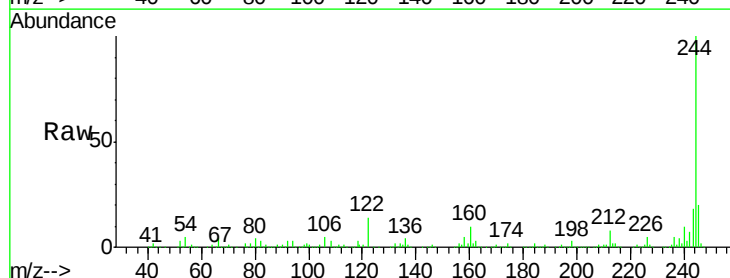


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

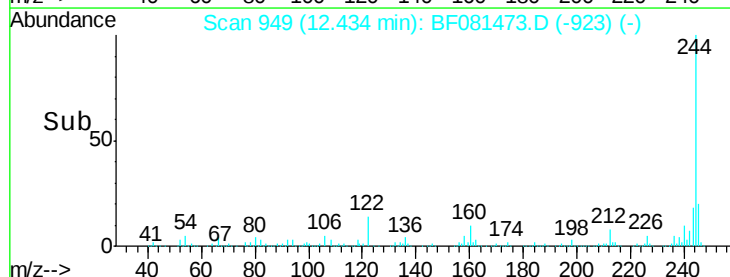
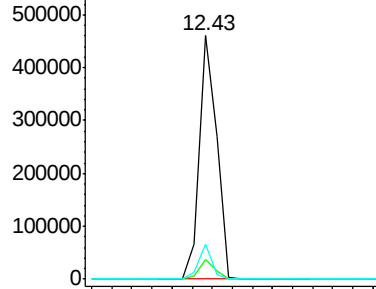


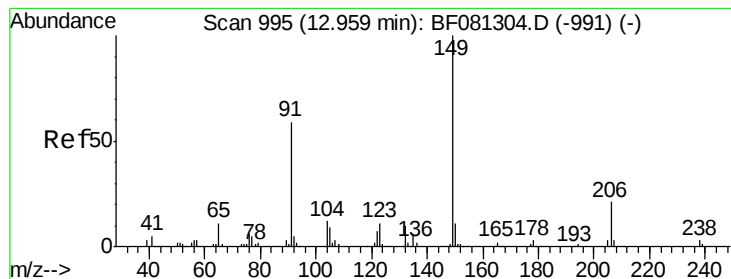
#78
 Terphenyl-d14
 Concen: 85.91 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.3	4.3	6.5#
122	14.4	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





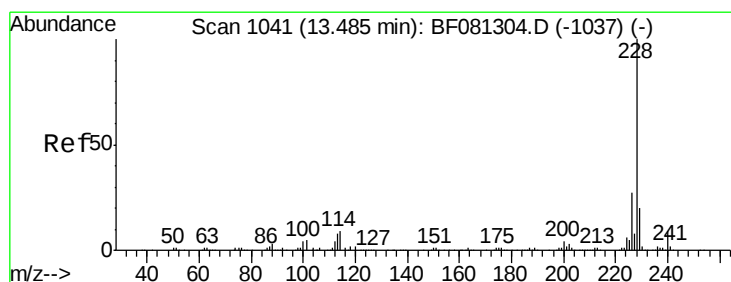
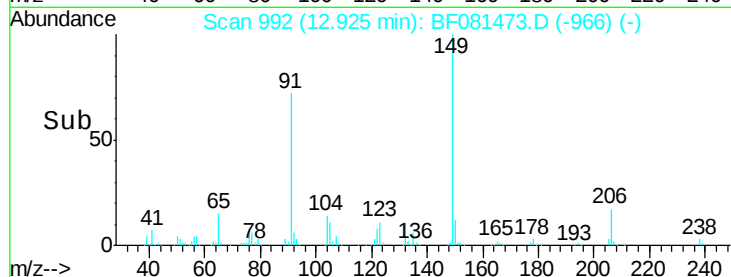
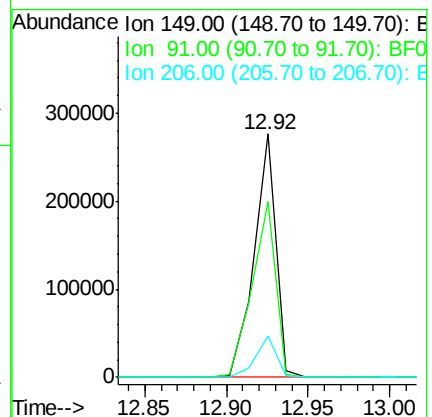
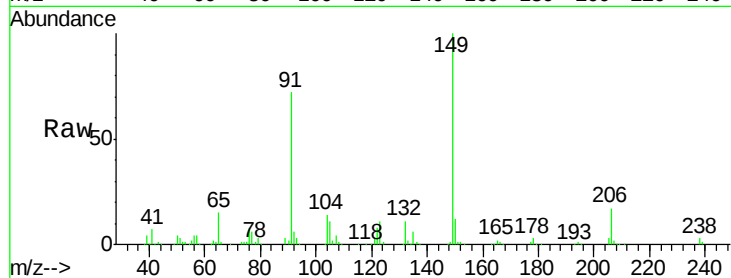
#79
Butylbenzylphthalate
Concen: 52.98 ng
RT: 12.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.4	48.6	72.8
206	17.0	14.9	22.3

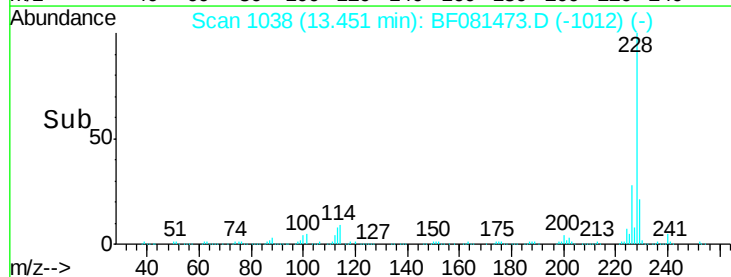
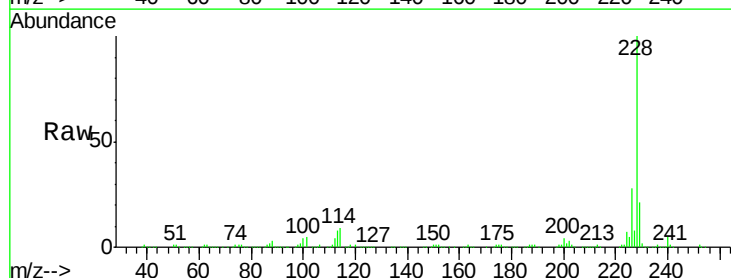
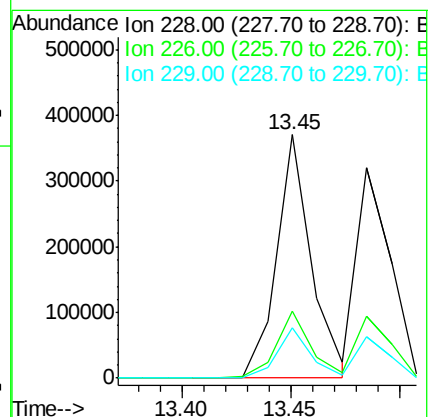
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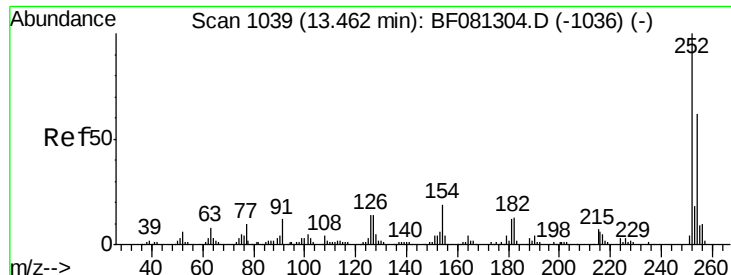
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#80
Benzo(a)anthracene
Concen: 43.42 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	20.0	30.0
229	20.6	15.4	23.2





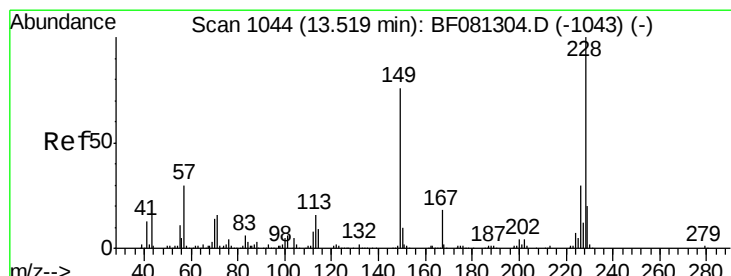
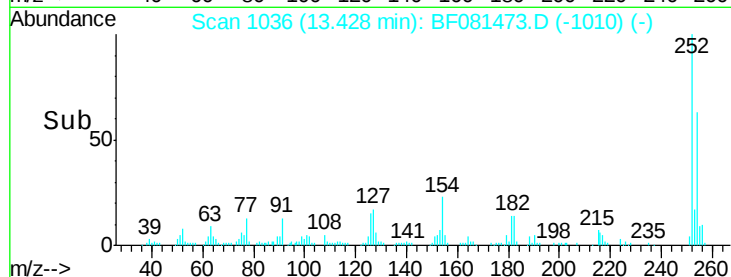
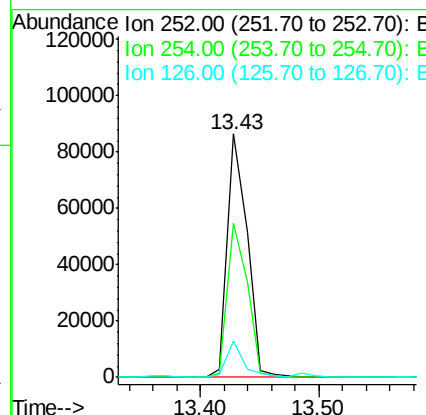
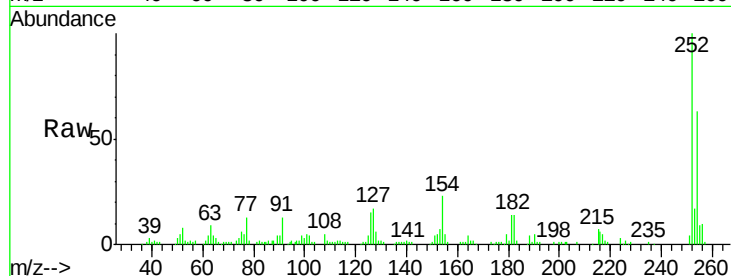
#81
 3,3'-Dichlorobenzidine
 Concen: 30.97 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	51.4	77.2
126	15.1	16.4	24.6

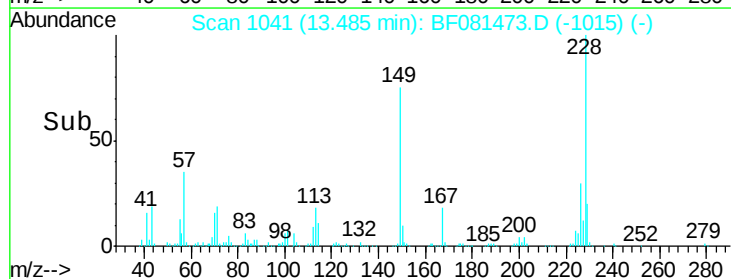
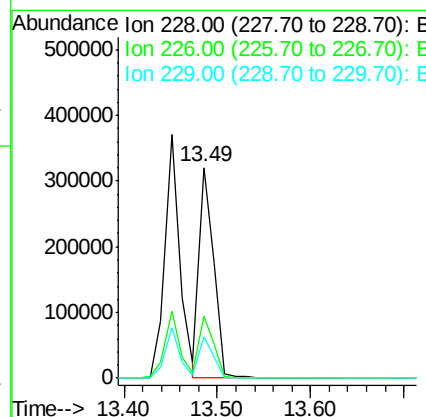
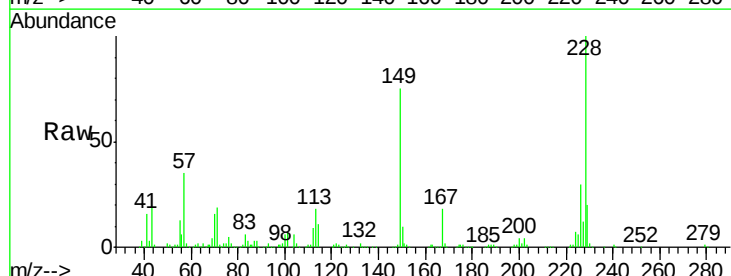
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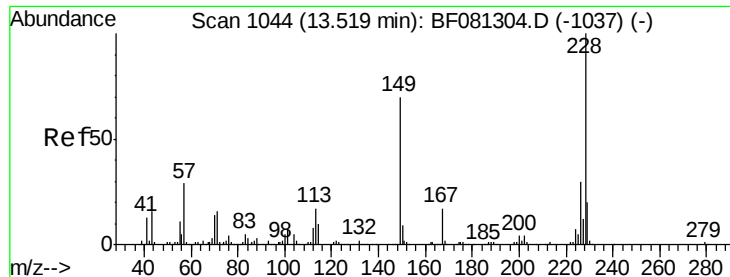
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#82
 Chrysene
 Concen: 41.15 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	21.0	31.4
229	19.7	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.01 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

Tgt Ion:149 Resp: 318032
Ion Ratio Lower Upper

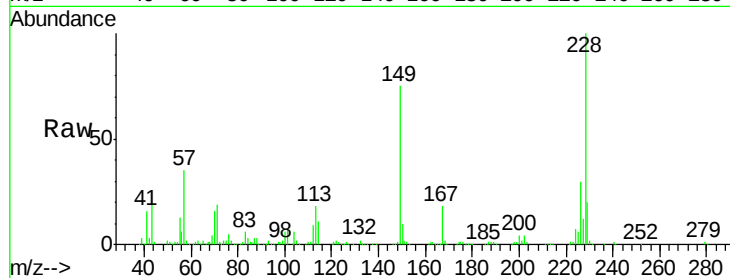
149 100

167 23.6 24.2 36.2#

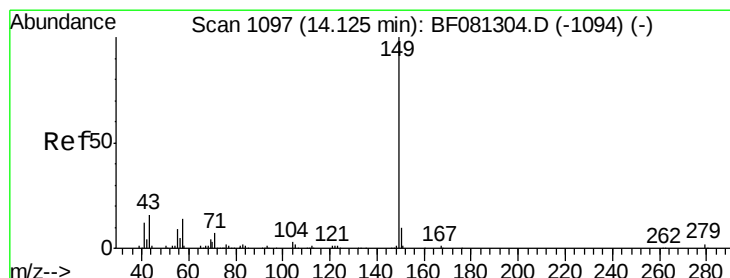
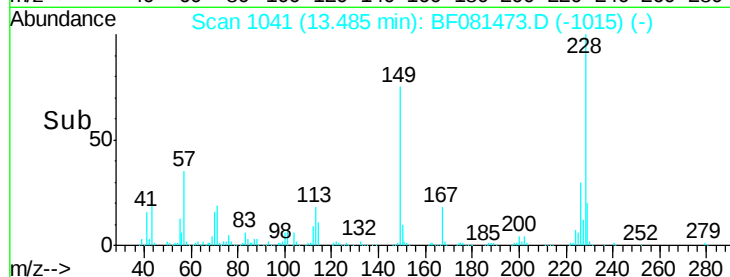
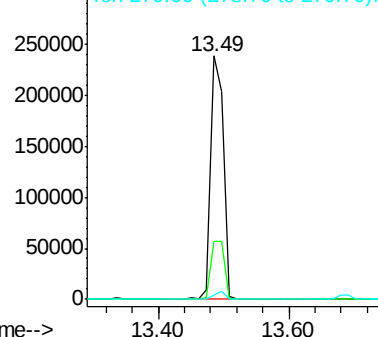
279 1.5 3.8 5.6#

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



#84

Di-n-octyl phthalate

Concen: 47.60 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF081473.D

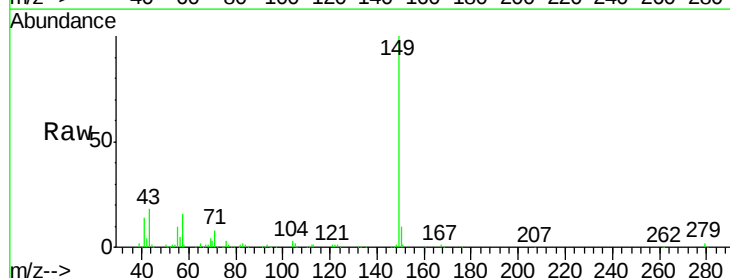
Acq: 5 Sep 2015 19:25

Tgt Ion:149 Resp: 498371
Ion Ratio Lower Upper

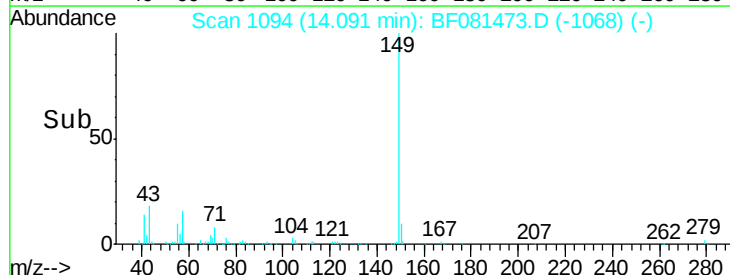
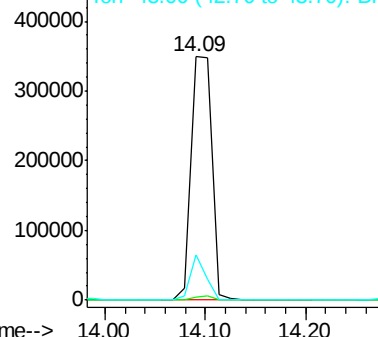
149 100

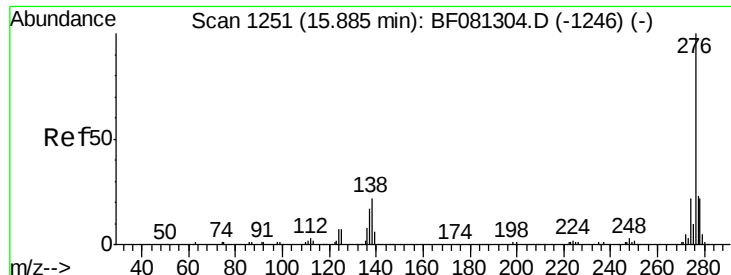
167 1.4 1.0 1.6

43 14.1 10.2 15.2



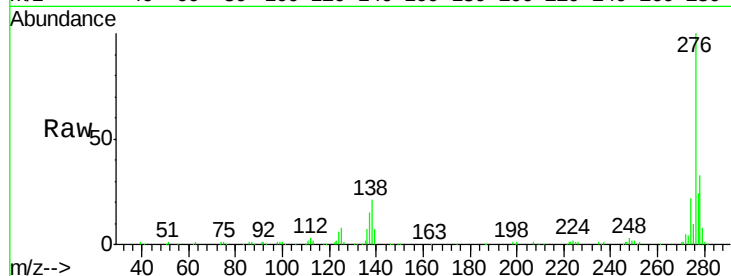
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.28 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

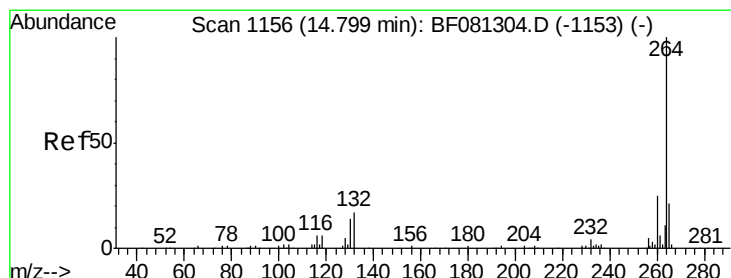
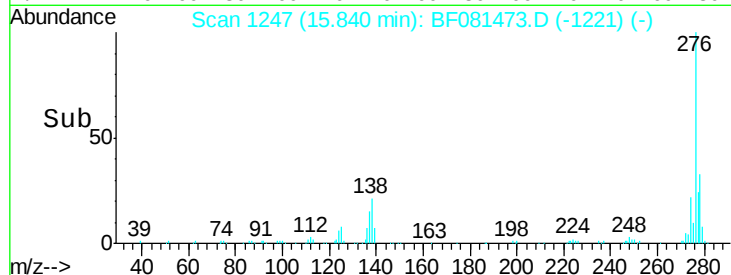
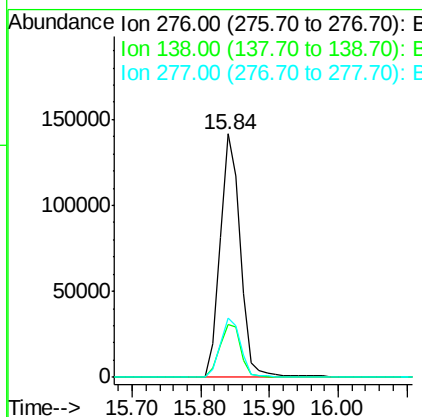
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	296168		
138	22.8	25.7	38.5#	
277	24.5	15.6	23.4#	

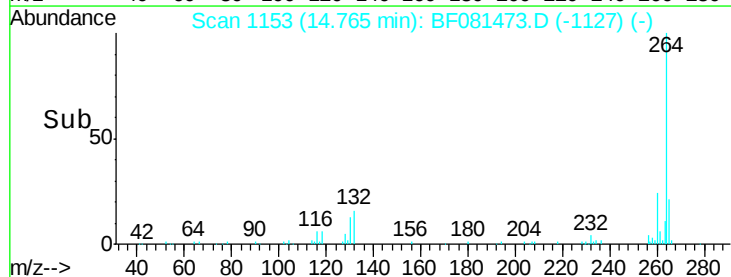
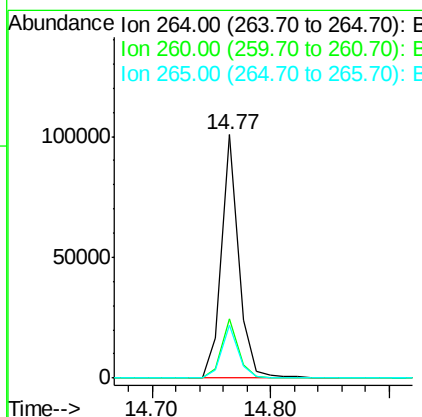
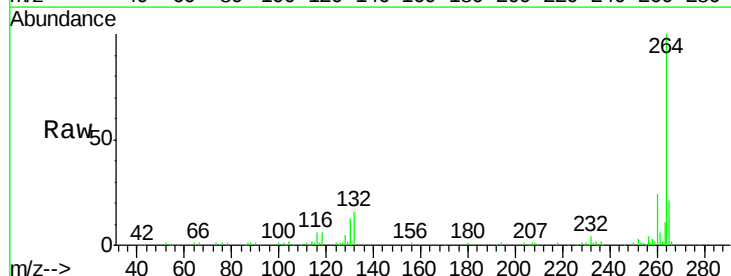
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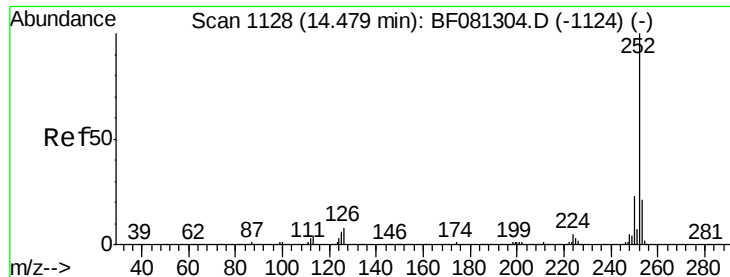
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	100818		
260	24.5	16.7	25.1	
265	21.5	17.2	25.8	





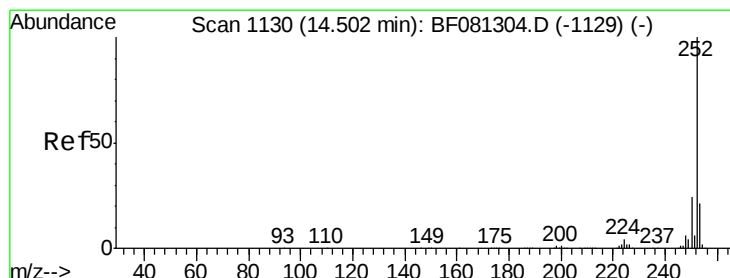
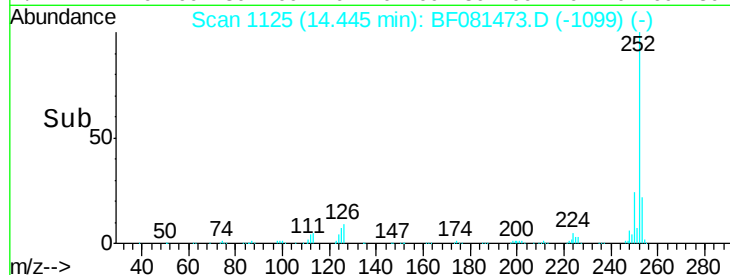
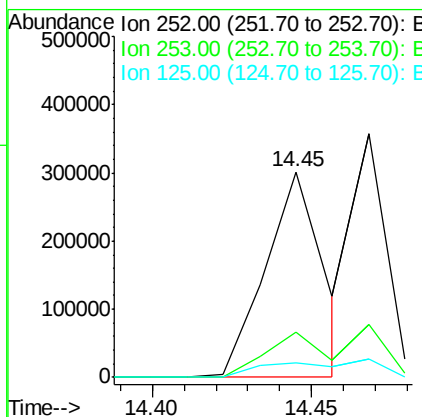
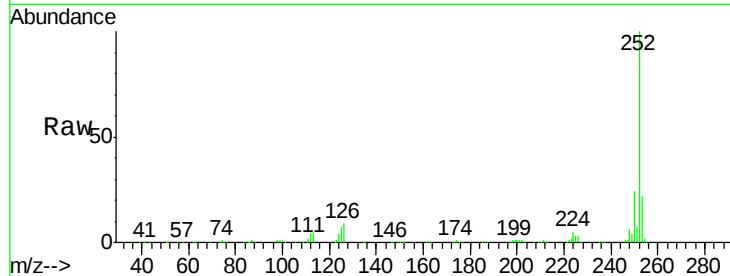
#87
Benzo(b)fluoranthene
Concen: 53.48 ng m
RT: 14.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.8	17.1	25.7

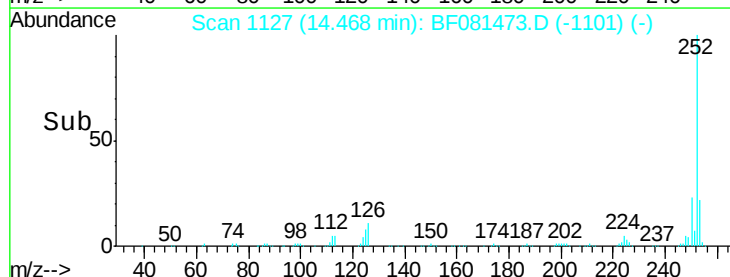
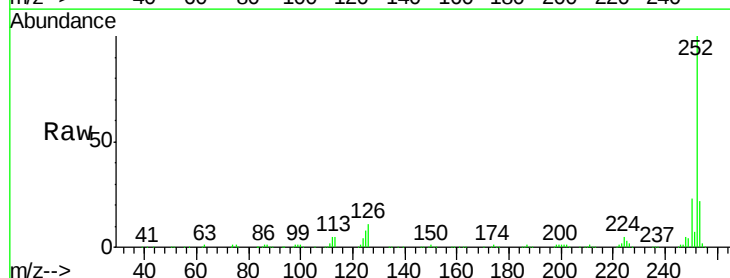
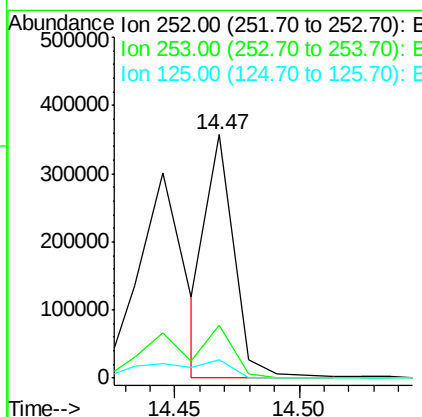
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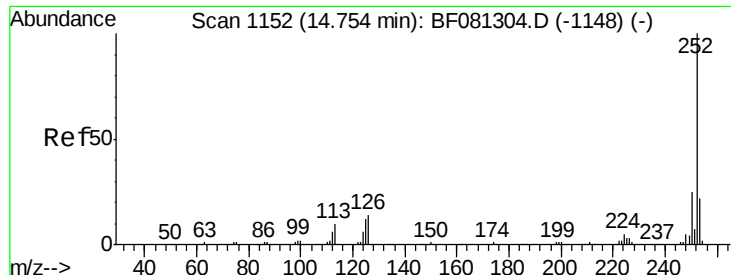
MMDadoda
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#88
Benzo(k)fluoranthene
Concen: 45.61 ng m
RT: 14.47 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	7.7	16.0	24.0





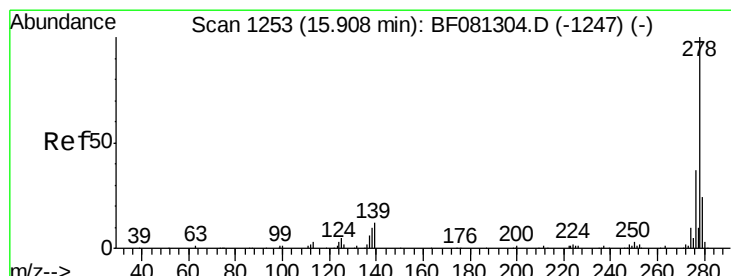
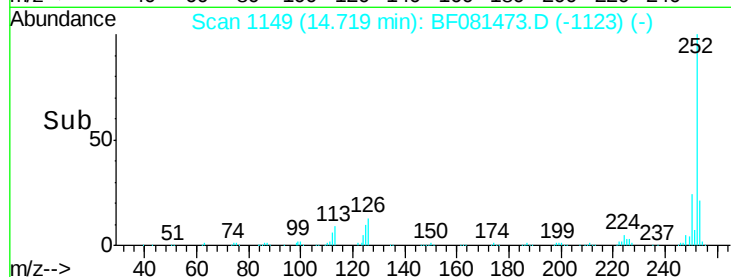
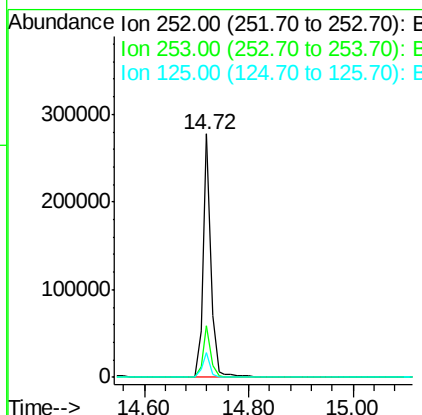
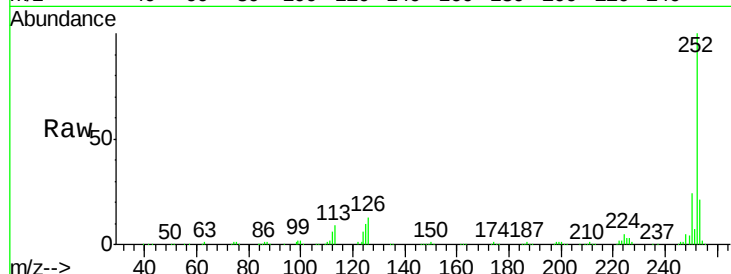
#89
Benzo(a)pyrene
Concen: 47.31 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.4	17.2	25.8
125	10.3	18.0	27.0

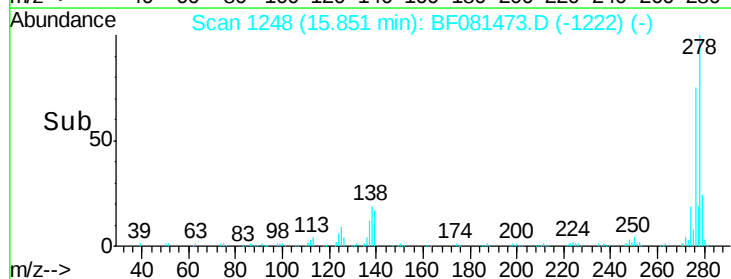
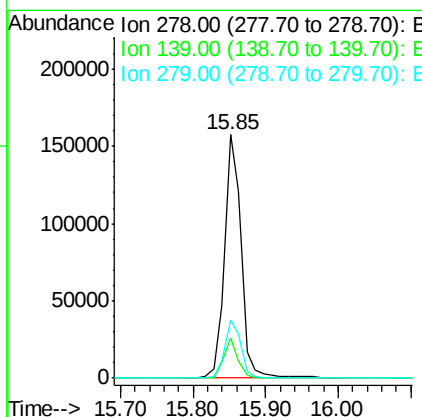
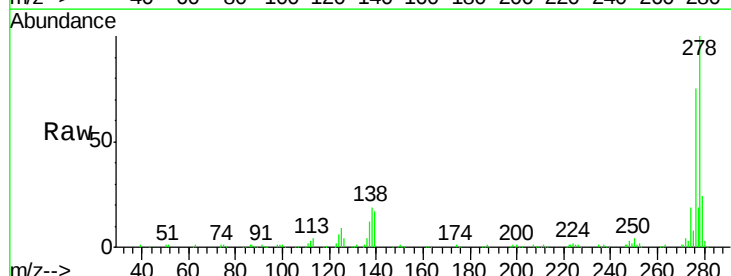
Manual Integrations
APPROVED

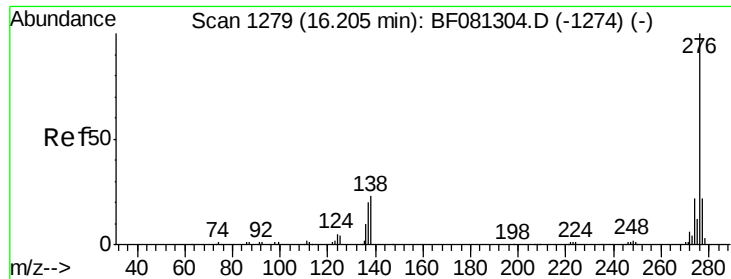
MMDadoda
9/8/2015 1:57:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.05 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.6	26.3	39.5
279	23.9	18.2	27.4





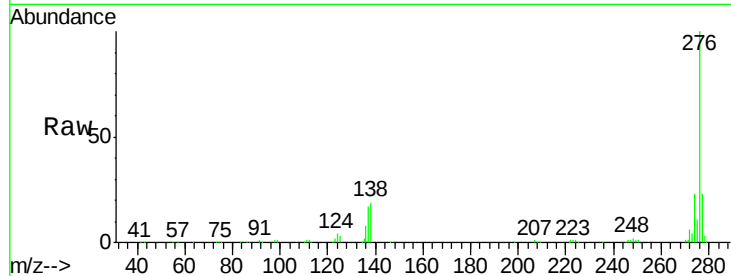
#91
 Benzo(g,h,i)perylene
 Concen: 55.71 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	17.8	26.6
138	19.1	34.6	51.8

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:57:39 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

