

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081794.D
 Acq On : 25 Sep 2015 8:09
 Operator : UM/IZ
 Sample : G3753-02MSDRE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:37:01 PM

Quant Time: Sep 25 13:27:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151219	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	586226	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	280330	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	485531	20.00	ng	0.00
75) Chrysene-d12	14.12	240	293201	20.00	ng	0.00
86) Perylene-d12	15.59	264	341960	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1106281	123.76	ng	0.01
7) Phenol-d6	6.58	99	1362318	120.49	ng	0.01
23) Nitrobenzene-d5	7.52	82	840739	94.63	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	368897	151.57	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1440473	84.35	ng	0.00
78) Terphenyl-d14	13.06	244	1131047	88.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	140917	31.85	ng	90
3) Pyridine	3.45	79	59862	4.80	ng	93
4) n-Nitrosodimethylamine	3.39	42	216196	36.70	ng	99
6) Aniline	6.62	93	227644	13.45	ng	92
8) 2-Chlorophenol	6.74	128	404741	41.09	ng	93
9) Benzaldehyde	6.50	77	157317	23.54	ng	# 85
10) Phenol	6.59	94	568766	43.31	ng	71
11) bis(2-Chloroethyl)ether	6.70	93	424744	44.10	ng	89
12) 1,3-Dichlorobenzene	6.89	146	432844m	37.14	ng	
13) 1,4-Dichlorobenzene	6.97	146	476967m	40.45	ng	
14) 1,2-Dichlorobenzene	7.13	146	421034	38.38	ng	98
15) Benzyl Alcohol	7.10	79	405990	45.53	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.23	45	699608	42.46	ng	88
17) 2-Methylphenol	7.20	107	340897	40.98	ng	# 84
18) Hexachloroethane	7.46	117	156932	40.87	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	297499	39.47	ng	# 80
20) 3+4-Methylphenols	7.36	107	445706	42.64	ng	# 72
22) Acetophenone	7.37	105	576096	44.81	ng	# 85
24) Nitrobenzene	7.54	77	496879	50.13	ng	# 73
25) Isophorone	7.78	82	847887	43.08	ng	# 94
26) 2-Nitrophenol	7.85	139	202675	56.29	ng	# 52
27) 2,4-Dimethylphenol	7.89	122	377357	42.27	ng	# 78
28) bis(2-Chloroethoxy)methane	7.99	93	475360	41.34	ng	# 94
29) 2,4-Dichlorophenol	8.09	162	362047	43.56	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	415086	44.50	ng	98
31) Naphthalene	8.26	128	1133014	41.90	ng	96
32) Benzoic acid	7.99	122	140154	80.64	ng	# 66
33) 4-Chloroaniline	8.31	127	177558	14.96	ng	# 91
34) Hexachlorobutadiene	8.38	225	246536	44.81	ng	98
35) Caprolactam	8.69	113	111031m	50.01	ng	
36) 4-Chloro-3-methylphenol	8.79	107	396201	47.58	ng	89
37) 2-Methylnaphthalene	8.95	142	787318	40.85	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	406853	45.47	ng	99
40) Hexachlorocyclopentadiene	9.11	237	342396	89.29	ng	97

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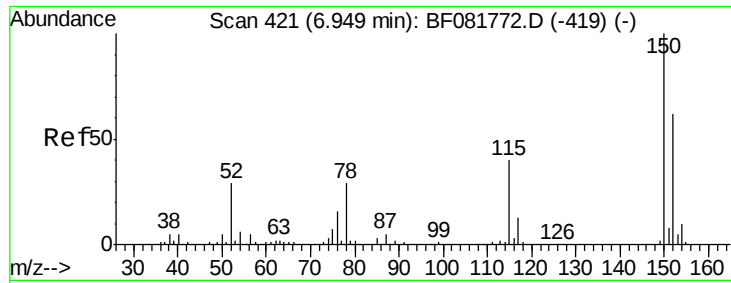
Manual Integrations
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 9/25/2015 3:37:01 PM

Quant Time: Sep 25 13:27:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	258309	43.82	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	277974	47.93	ng	95
45) 1,1'-Biphenyl	9.42	154	948282	43.26	ng	93
46) 2-Chloronaphthalene	9.44	162	718872	40.77	ng	# 93
47) 2-Nitroaniline	9.53	65	222235	47.39	ng	# 69
48) Acenaphthylene	9.86	152	1259162	42.20	ng	96
49) Dimethylphthalate	9.73	163	1360519	63.78	ng	# 98
50) 2,6-Dinitrotoluene	9.78	165	217709	52.88	ng	# 84
51) Acenaphthene	10.03	154	812572	47.25	ng	90
52) 3-Nitroaniline	9.94	138	145140	32.50	ng	# 60
53) 2,4-Dinitrophenol	10.06	184	121337	110.19	ng	# 74
54) Dibenzofuran	10.21	168	1139544	45.17	ng	93
55) 4-Nitrophenol	10.10	139	322572	104.74	ng	# 56
56) 2,4-Dinitrotoluene	10.18	165	264941	53.75	ng	# 86
57) Fluorene	10.55	166	806339	41.65	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.32	232	225493	50.93	ng	93
59) Diethylphthalate	10.42	149	918356	44.45	ng	94
60) 4-Chlorophenyl-phenylether	10.54	204	402329	45.27	ng	94
61) 4-Nitroaniline	10.56	138	145096	33.45	ng	# 48
62) Azobenzene	10.70	77	911286	43.14	ng	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	83895	63.31	ng	88
65) n-Nitrosodiphenylamine	10.65	169	667484	40.77	ng	92
66) 4-Bromophenyl-phenylether	11.03	248	265911	49.19	ng	# 90
67) Hexachlorobenzene	11.09	284	251569	44.60	ng	# 93
68) Atrazine	11.18	200	216352	44.19	ng	83
69) Pentachlorophenol	11.28	266	281003	89.40	ng	99
70) Phenanthrene	11.51	178	1441725m	51.94	ng	
71) Anthracene	11.56	178	1076307	40.24	ng	96
72) Carbazole	11.72	167	1040375	41.90	ng	96
73) Di-n-butylphthalate	12.04	149	1298479	42.96	ng	# 97
74) Fluoranthene	12.70	202	1435040	51.30	ng	86
77) Pyrene	12.93	202	1308707	59.20	ng	# 95
79) Butylbenzylphthalate	13.54	149	454696	51.61	ng	# 87
80) Benzo(a)anthracene	14.10	228	896527	50.43	ng	94
81) 3,3'-Dichlorobenzidine	14.07	252	79224	14.03	ng	# 95
82) Chrysene	14.15	228	877467	51.46	ng	94
83) Bis(2-ethylhexyl)phthalate	14.09	149	583663	54.64	ng	# 93
84) Di-n-octyl phthalate	14.71	149	997630	63.51	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.06	276	973620	62.37	ng	# 87
87) Benzo(b)fluoranthene	15.16	252	1123840m	55.42	ng	
88) Benzo(k)fluoranthene	15.19	252	634985m	32.51	ng	
89) Benzo(a)pyrene	15.53	252	884855m	48.33	ng	
90) Dibenzo(a,h)anthracene	17.09	278	753544	39.49	ng	# 80
91) Benzo(g,h,i)perylene	17.52	276	802015	40.77	ng	# 74

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



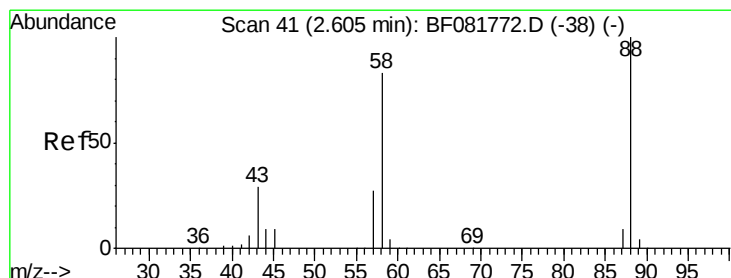
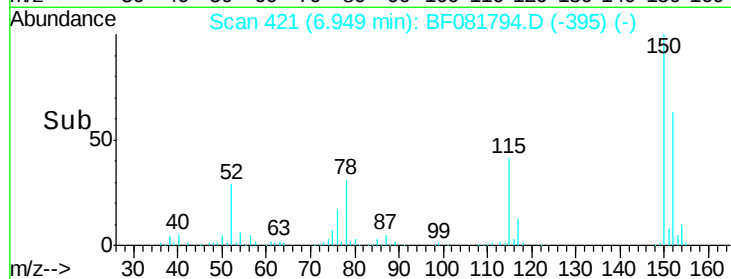
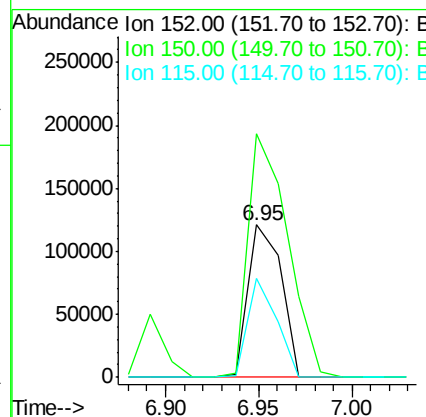
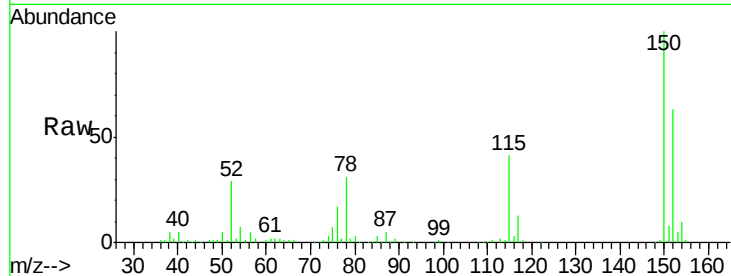
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.7	187.1
115	65.1	39.0	58.4

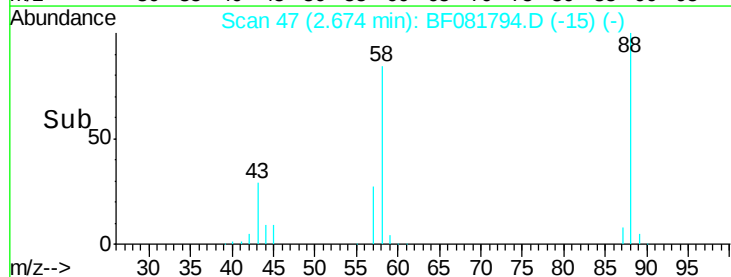
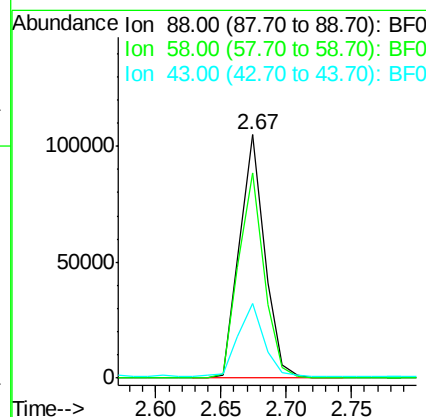
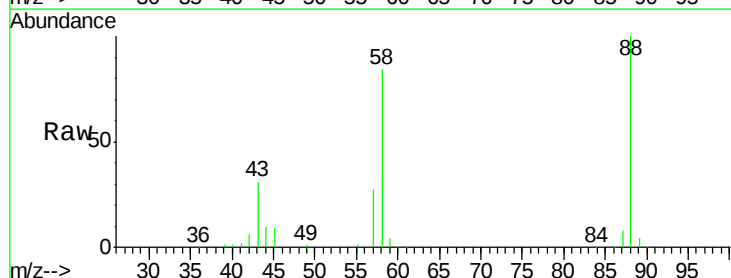
Manual Integrations
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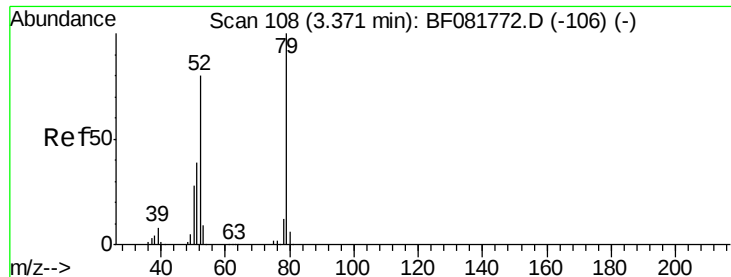
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#2
 1,4-Dioxane
 Concen: 31.85 ng
 RT: 2.67 min Scan# 47
 Delta R.T. 0.07 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	77.7	116.5
43	30.9	26.6	40.0





#3

Pyridine

Concen: 4.80 ng

RT: 3.45 min Scan# 115

Delta R.T. 0.08 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

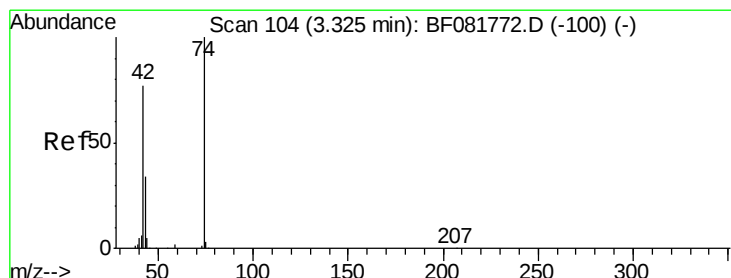
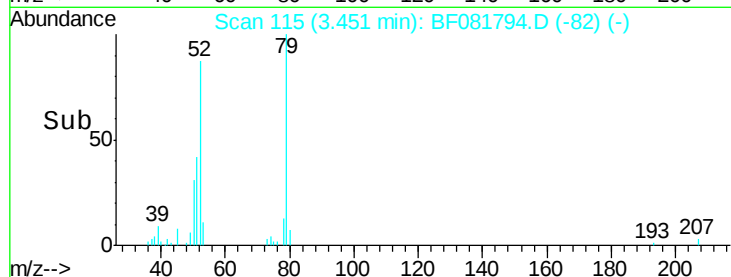
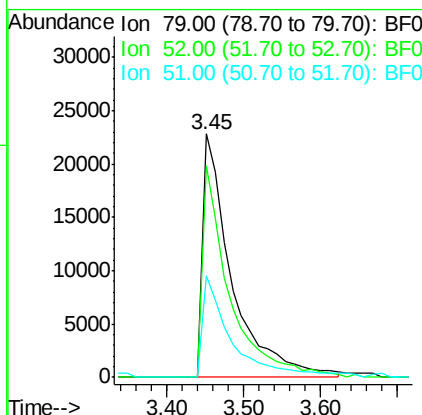
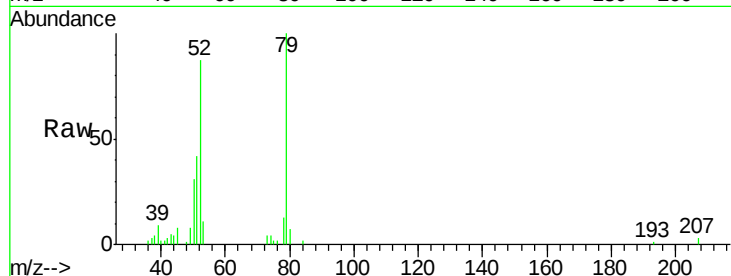
ClientSampleId :

SP-1MSDRE

Tgt Ion:	79	Resp:	59862
Ion Ratio	Lower	Upper	
79	100		
52	87.0	76.8	115.2
51	41.8	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 36.70 ng

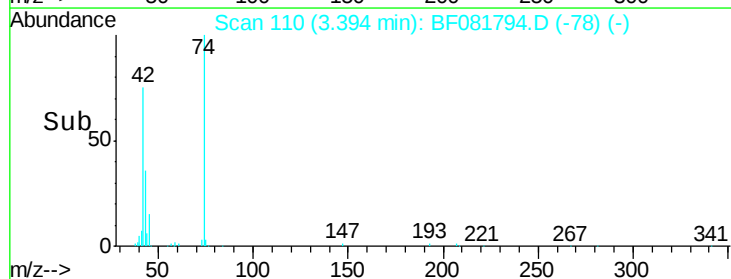
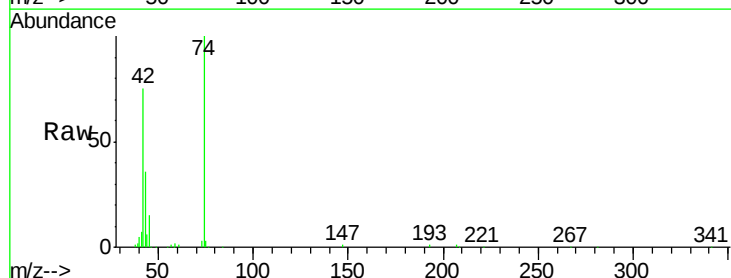
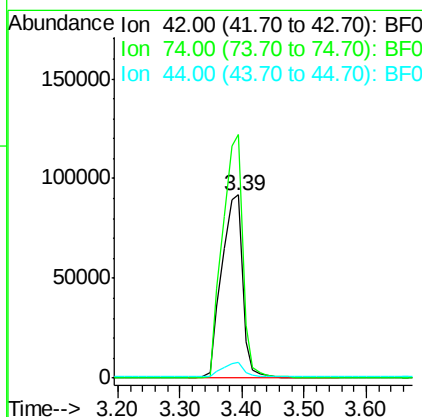
RT: 3.39 min Scan# 110

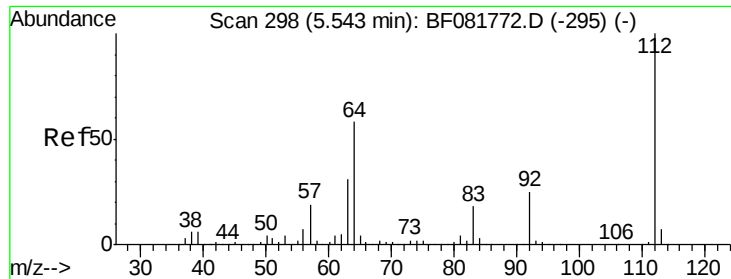
Delta R.T. 0.07 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion:	42	Resp:	216196
Ion Ratio	Lower	Upper	
42	100		
74	132.8	105.0	157.6
44	8.3	6.6	10.0





#5

2-Fluorophenol

Concen: 123.76 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

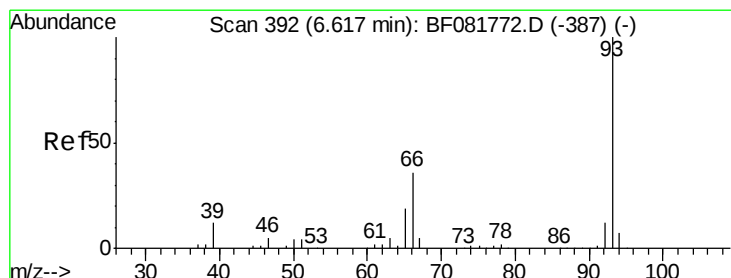
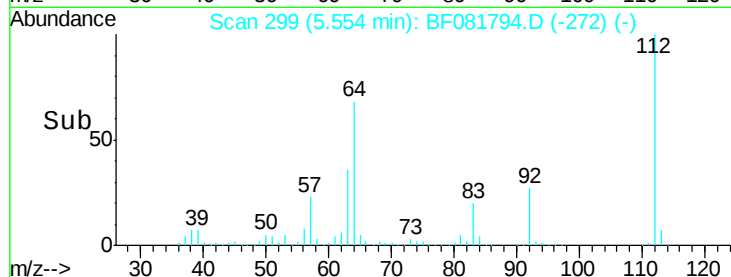
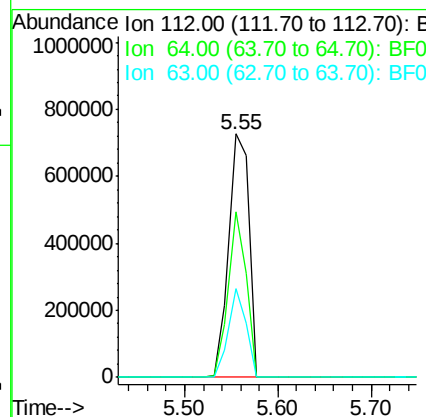
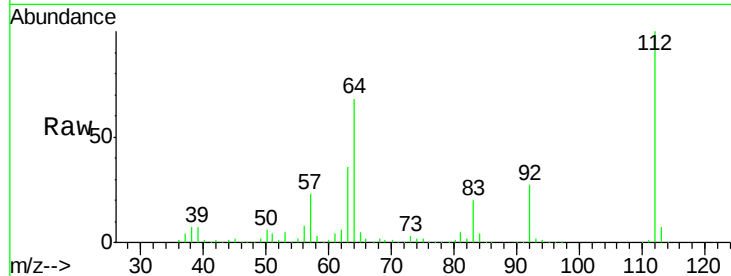
ClientSampleId :

SP-1MSDRE

Tgt Ion:	112	Resp:	1106281
Ion Ratio	Lower	Upper	
112	100		
64	68.0	39.7	59.5#
63	36.2	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 13.45 ng

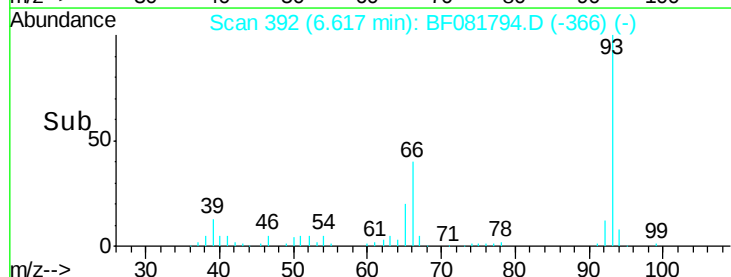
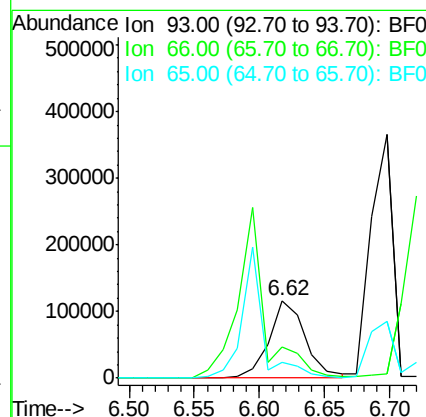
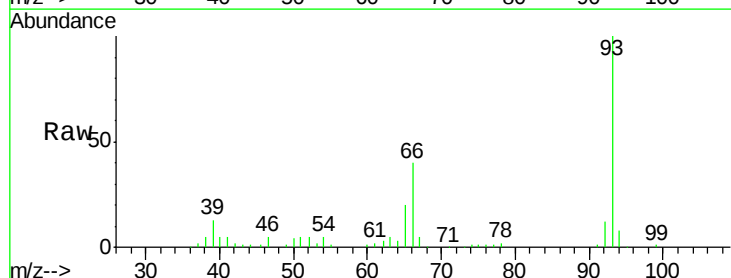
RT: 6.62 min Scan# 392

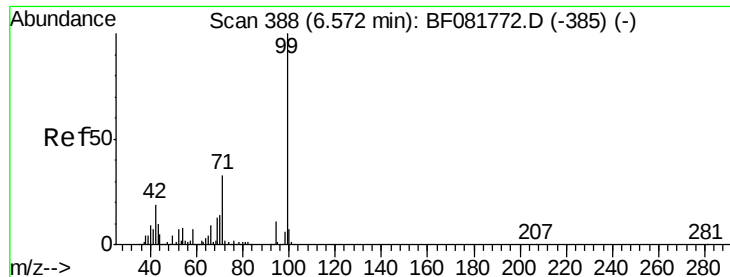
Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion:	93	Resp:	227644
Ion Ratio	Lower	Upper	
93	100		
66	39.6	27.2	40.8
65	19.9	14.7	22.1





#7

Phenol-d6

Concen: 120.49 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion: 99 Resp: 1362318

Ion Ratio Lower Upper

99 100

42 20.1 13.7 20.5

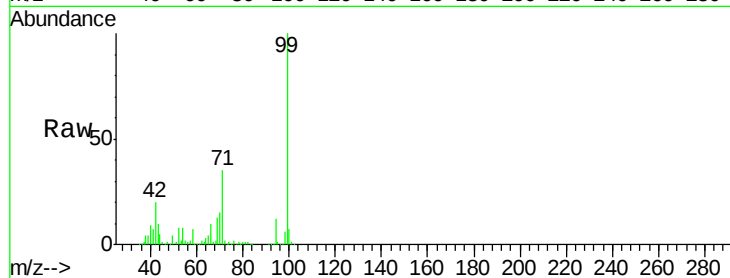
71 35.0 14.2 21.2#

Manual Integrations

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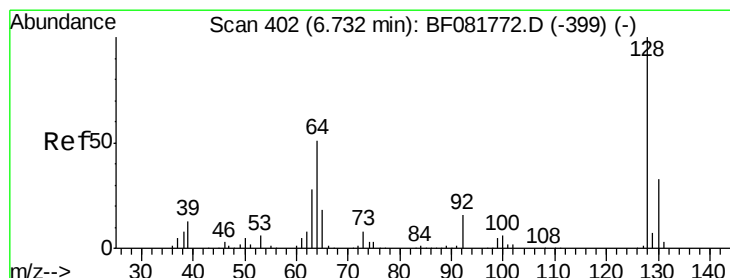
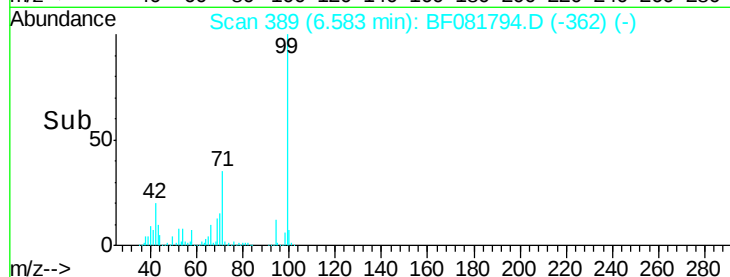
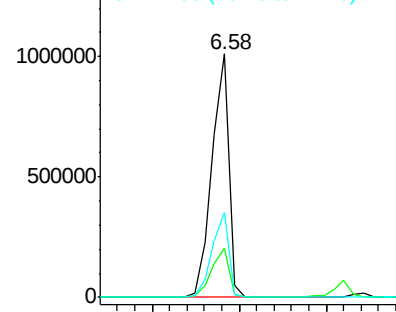
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.09 ng

RT: 6.74 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

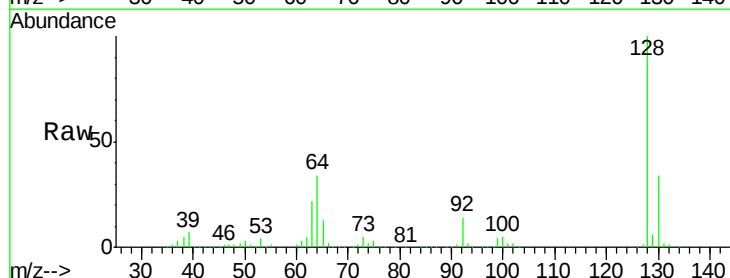
Tgt Ion: 128 Resp: 404741

Ion Ratio Lower Upper

128 100

130 34.0 12.2 52.2

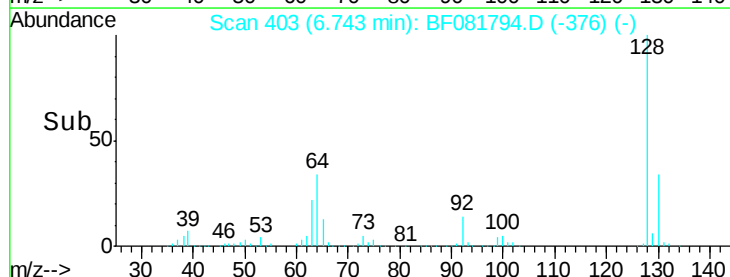
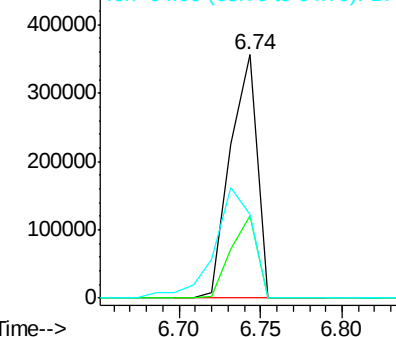
64 34.4 20.5 60.5

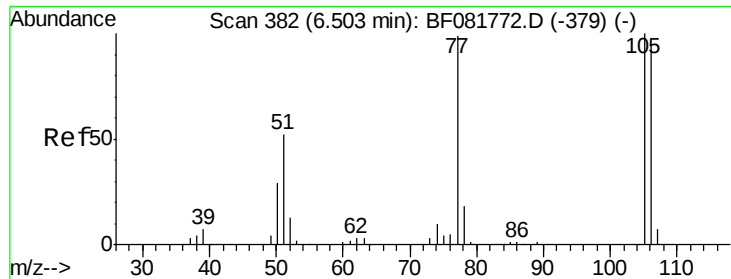


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.54 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion: 77 Resp: 157317
Ion Ratio Lower Upper

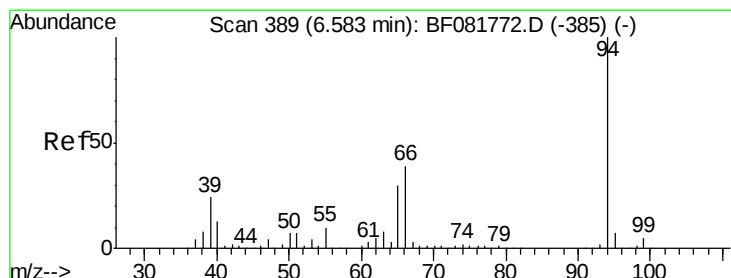
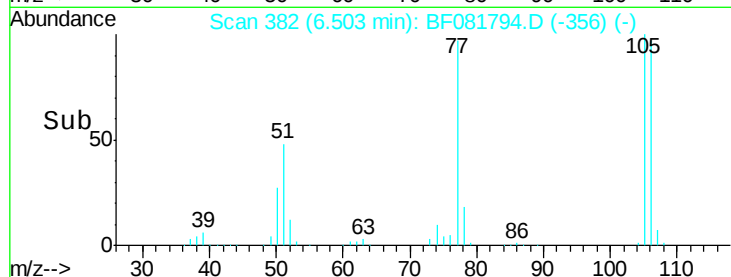
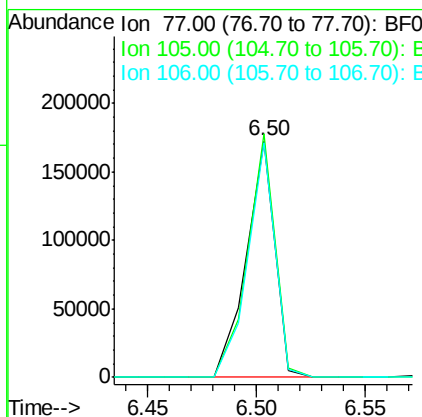
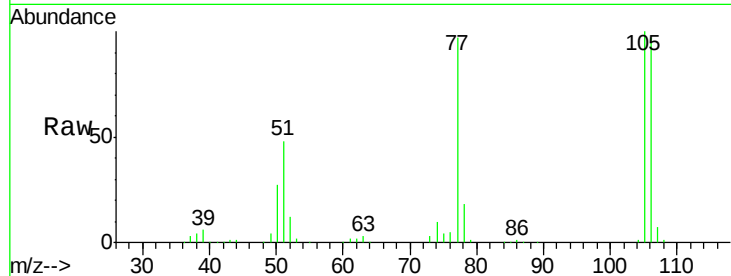
77 100

105 103.0 91.6 131.6

106 99.4 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 43.31 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081794.D

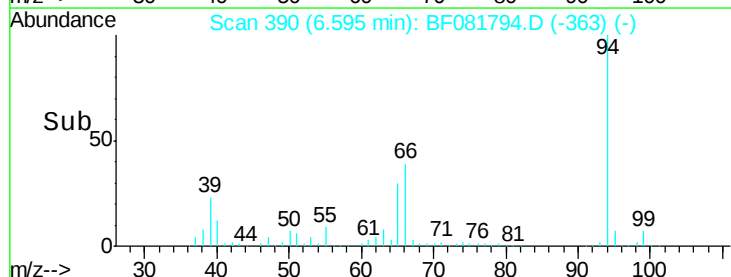
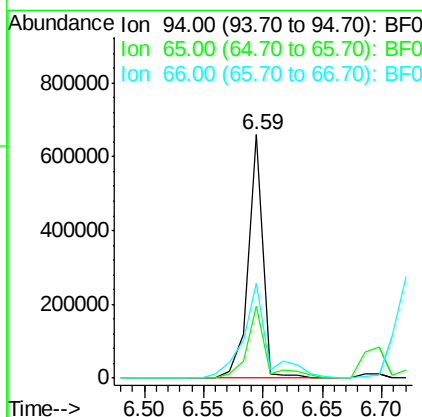
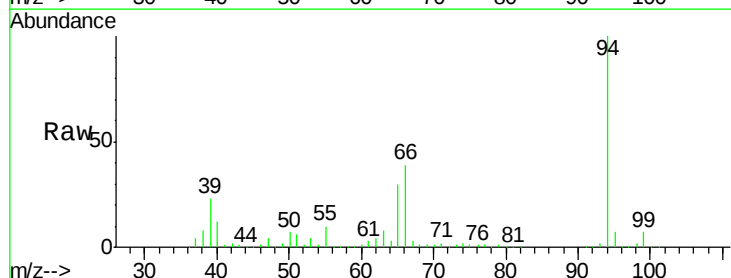
Acq: 25 Sep 2015 8:09

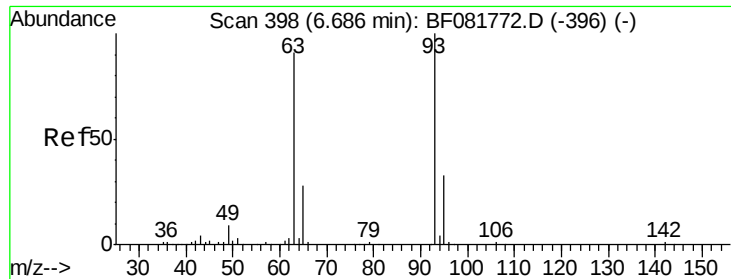
Tgt Ion: 94 Resp: 568766
Ion Ratio Lower Upper

94 100

65 29.7 0.7 40.7

66 38.9 0.8 40.8





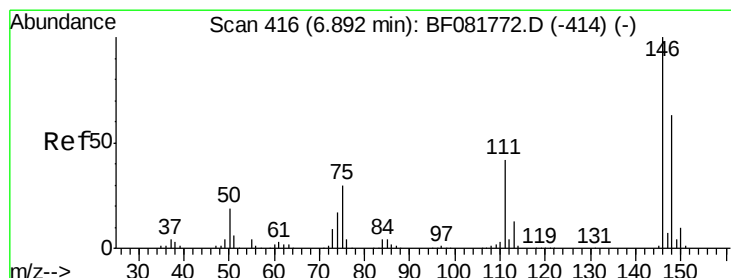
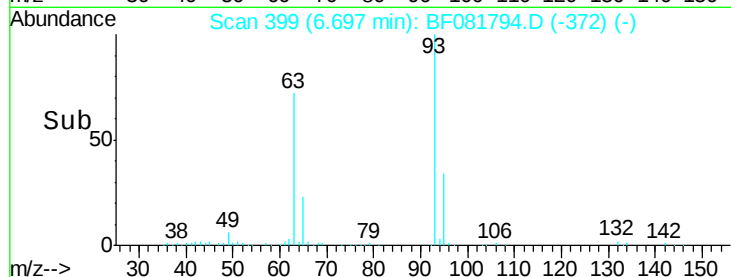
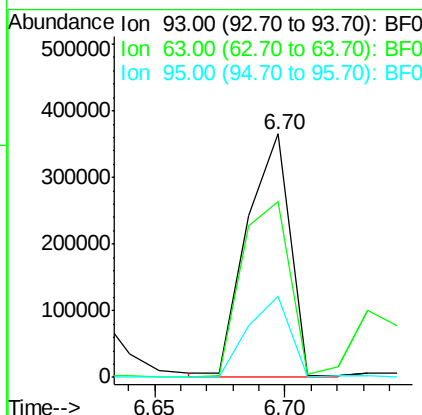
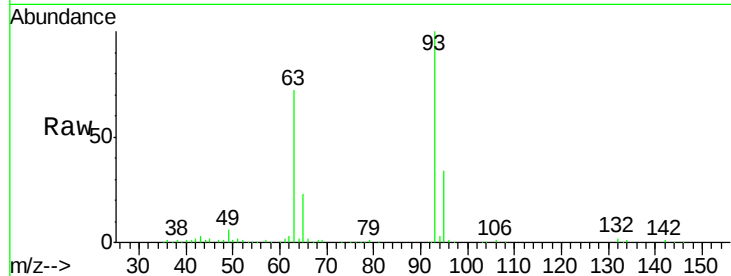
#11
bis(2-Chloroethyl)ether
Concen: 44.10 ng
RT: 6.70 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.2	65.6	105.6
95	33.5	13.6	53.6

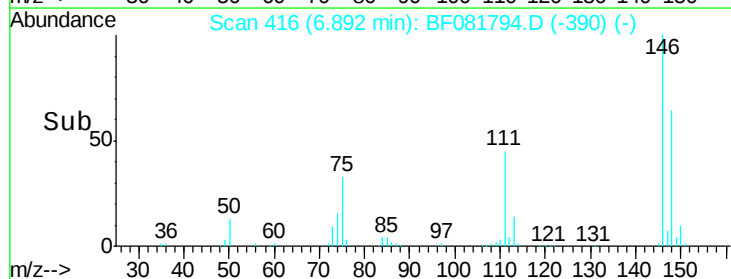
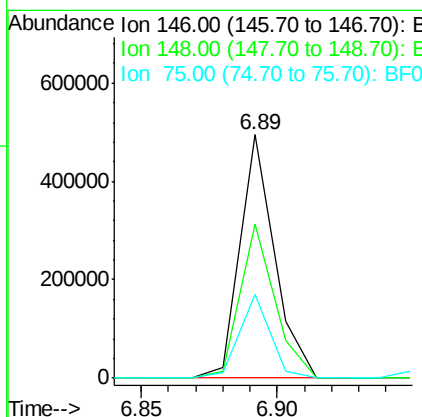
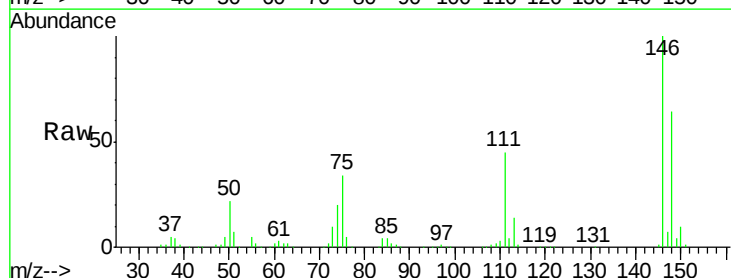
Manual Integrations
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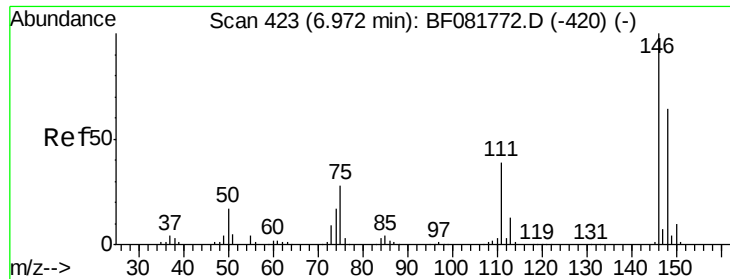
MMDadoda
9/25/2015 3:37:01 PM



#12
1,3-Dichlorobenzene
Concen: 37.14 ng m
RT: 6.89 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
75	34.3	15.0	22.6





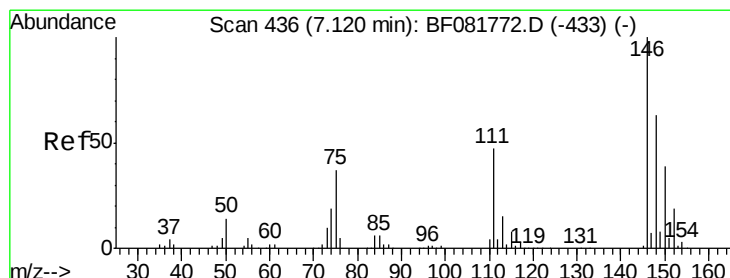
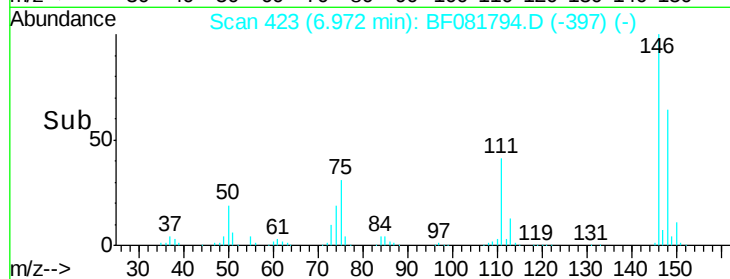
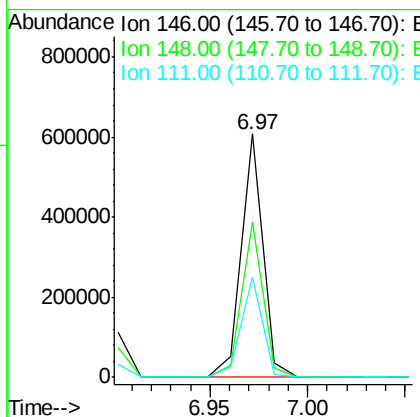
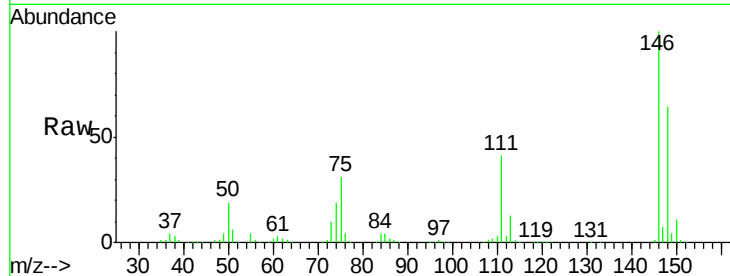
#13
 1,4-Dichlorobenzene
 Concen: 40.45 ng m
 RT: 6.97 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	40.9	24.9	37.3

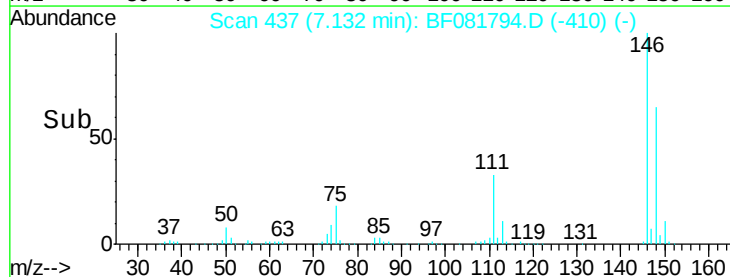
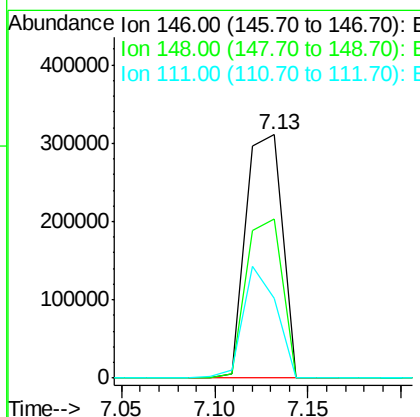
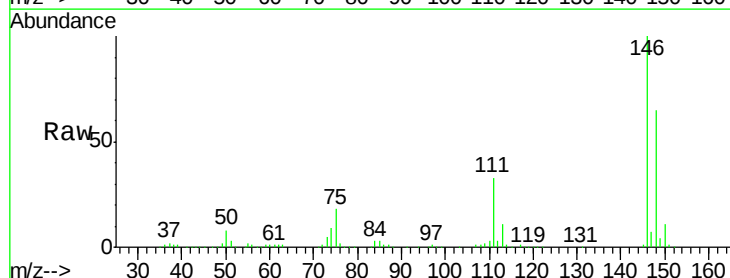
Manual Integrations
 APPROVED

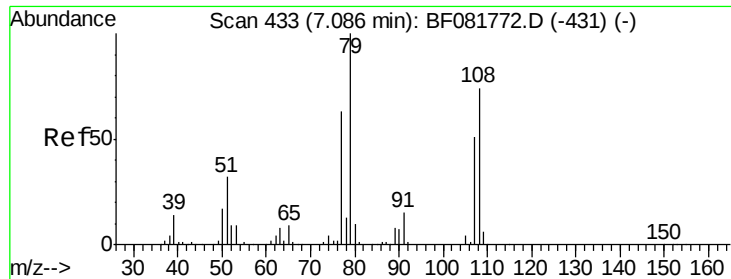
MMDadoda
 9/25/2015 3:37:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.38 ng
 RT: 7.13 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	32.9	28.8	43.2





#15

Benzyl Alcohol

Concen: 45.53 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion: 79 Resp: 405990

Ion Ratio Lower Upper

79 100

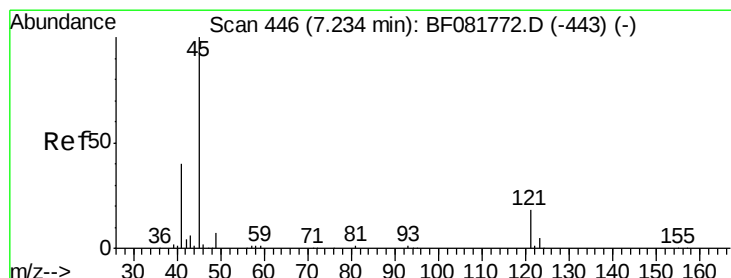
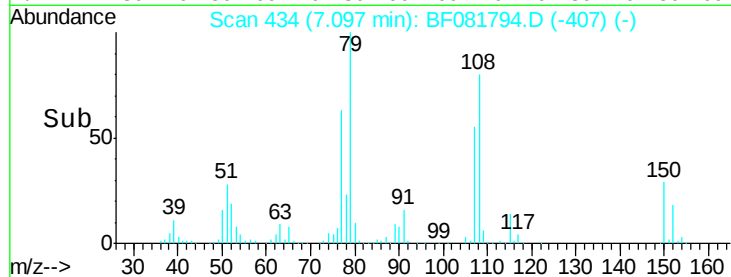
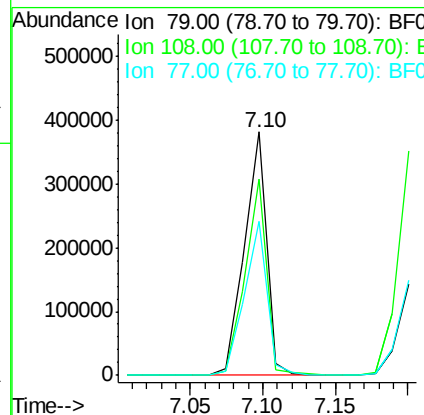
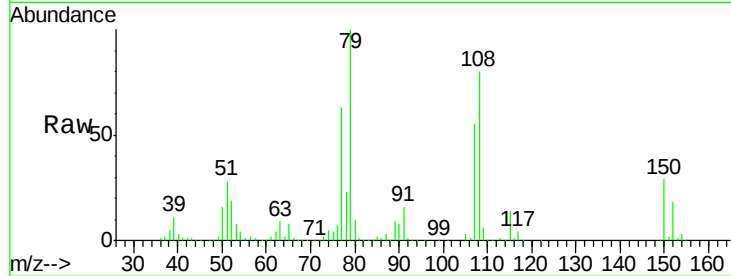
108 80.5 88.6 132.8#

77 63.5 47.0 70.4

Manual Integrations
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MMDadoda

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.46 ng

RT: 7.23 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

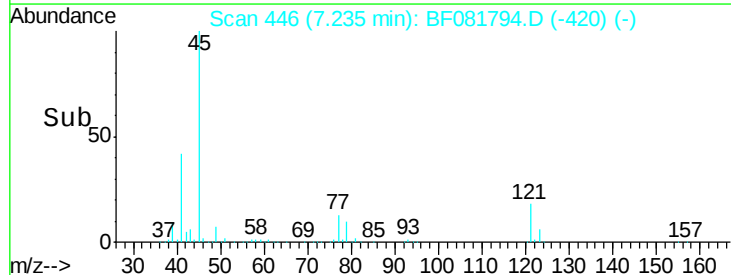
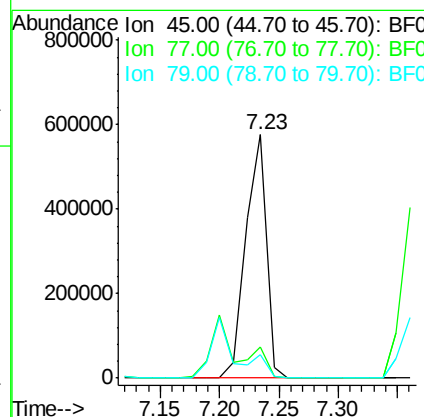
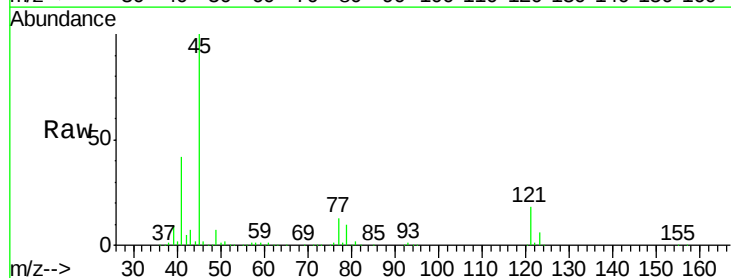
Tgt Ion: 45 Resp: 699608

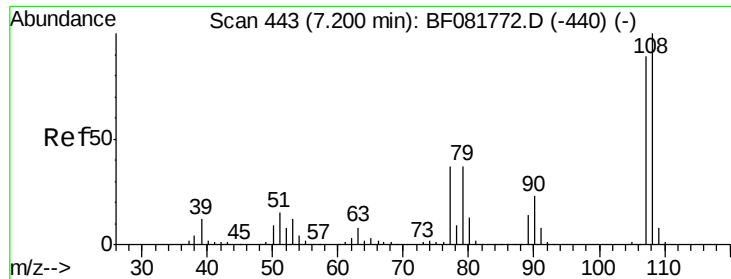
Ion Ratio Lower Upper

45 100

77 12.7 0.0 28.1

79 9.9 0.0 26.0





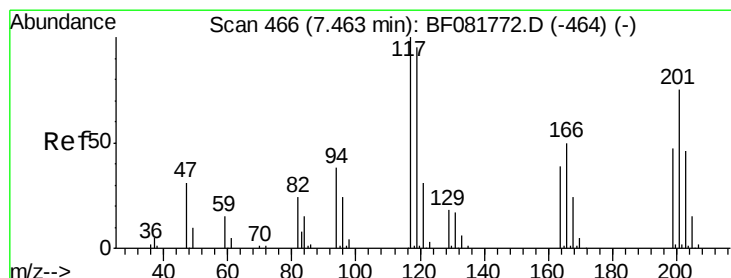
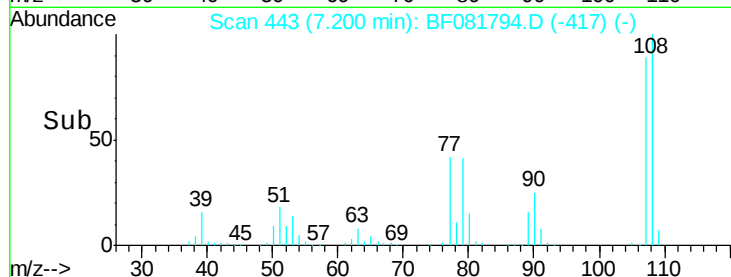
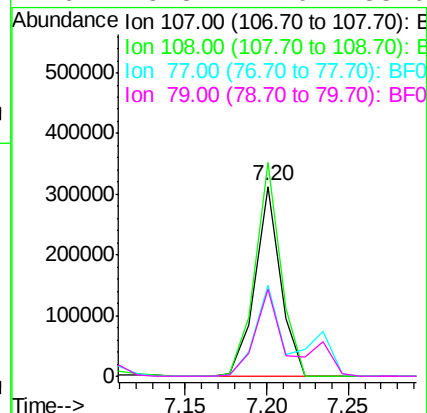
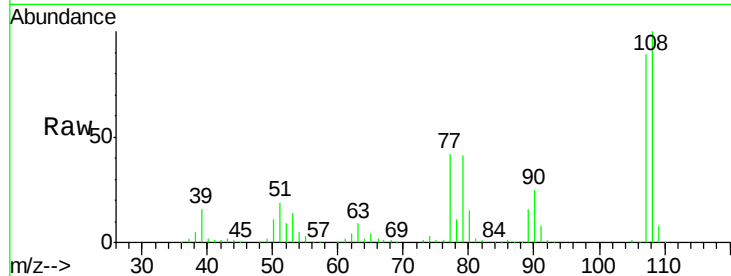
#17
2-Methylphenol
Concen: 40.98 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	340897		
108	112.4	96.6	145.0	
77	47.7	23.3	34.9#	
79	45.8	22.0	33.0#	

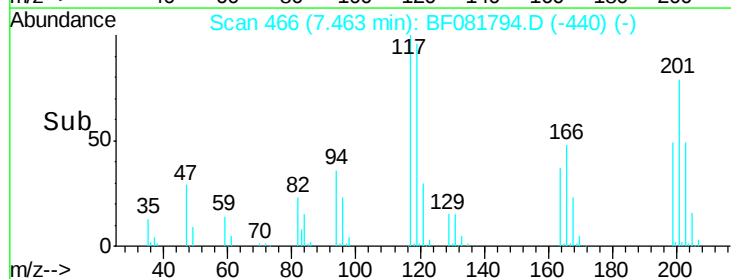
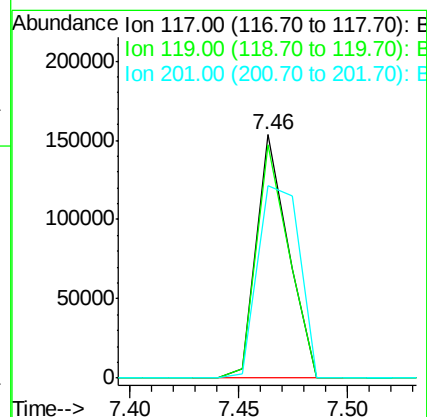
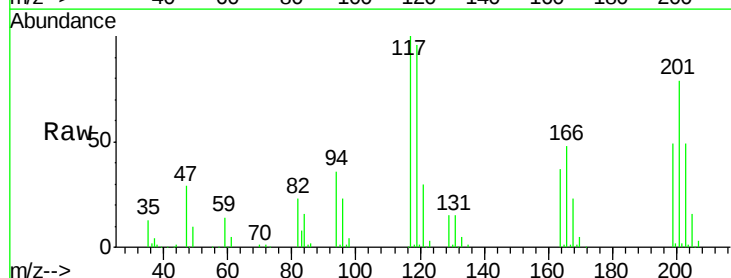
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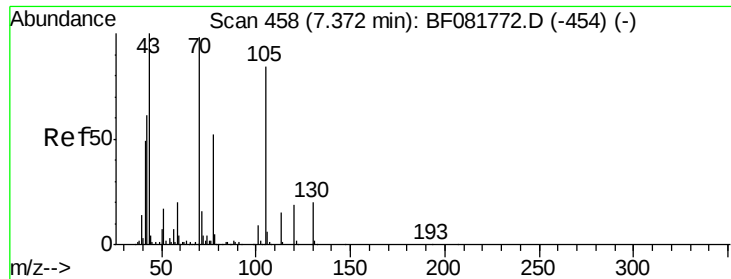
MMDadoda
9/25/2015 3:37:01 PM



#18
Hexachloroethane
Concen: 40.87 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	156932		
119	95.9	83.8	125.6	
201	79.0	55.1	82.7	





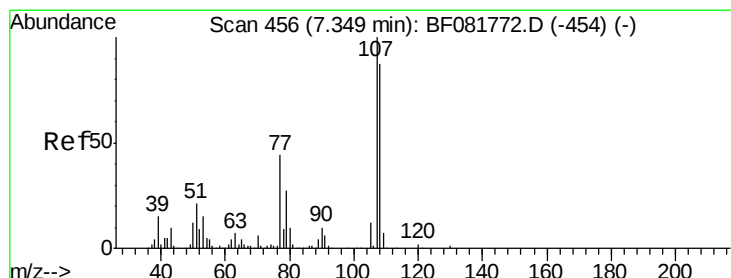
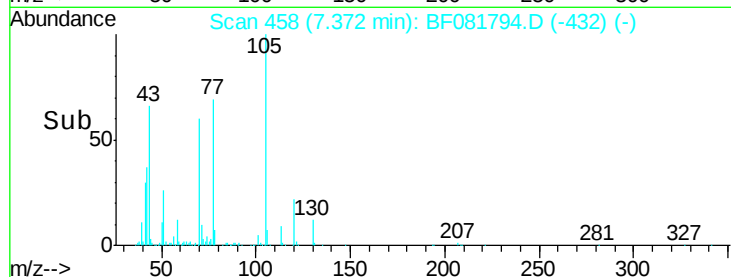
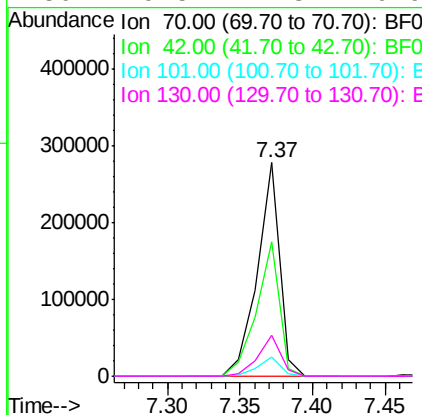
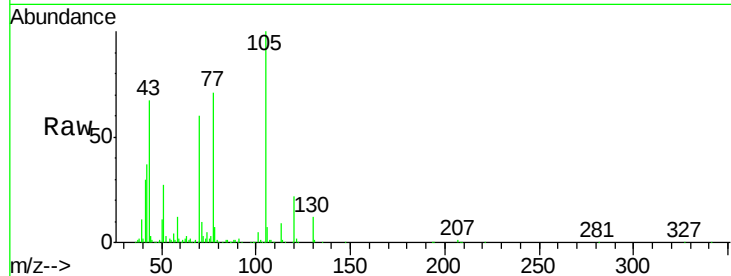
#19
n-Nitroso-di-n-propylamine
Concen: 39.47 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.6	63.8	95.6#
101	9.2	9.2	13.8#
130	19.5	27.3	40.9#

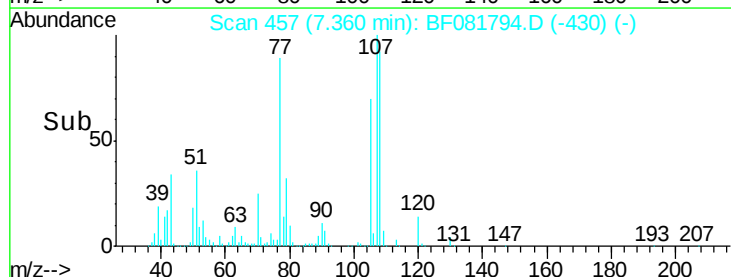
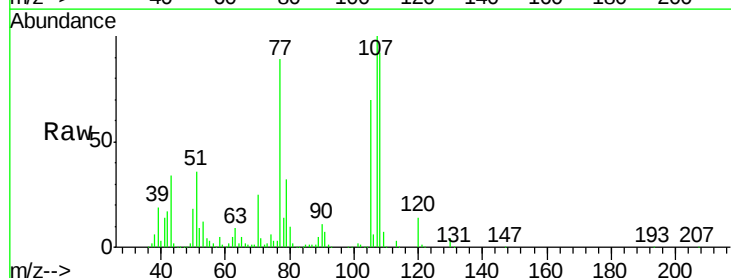
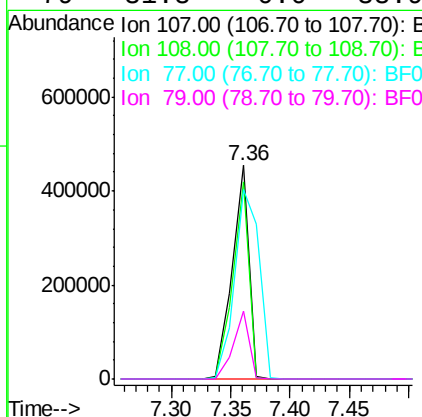
Manual Integrations
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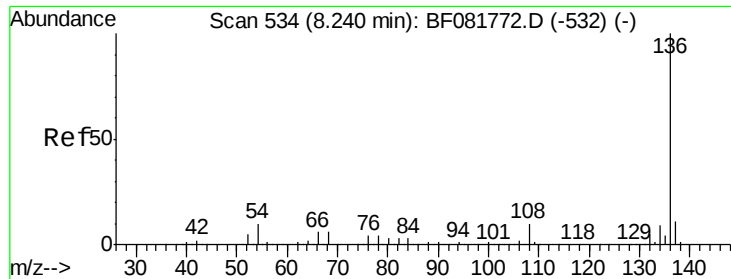
MMDadoda
9/25/2015 3:37:01 PM



#20
3+4-Methylphenols
Concen: 42.64 ng
RT: 7.36 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	74.6	114.6
77	88.7	0.7	40.7#
79	31.8	0.0	38.9





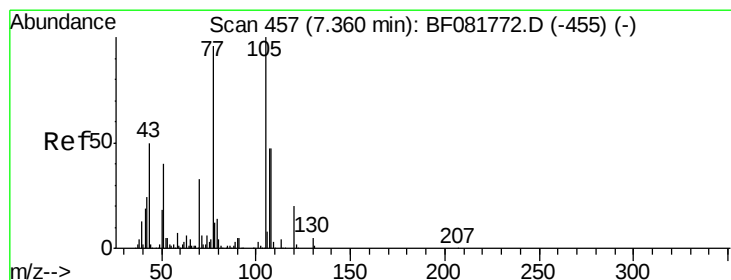
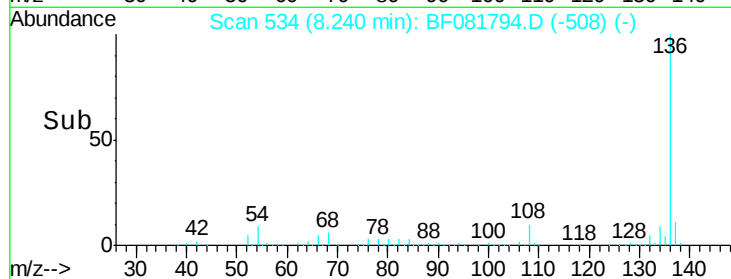
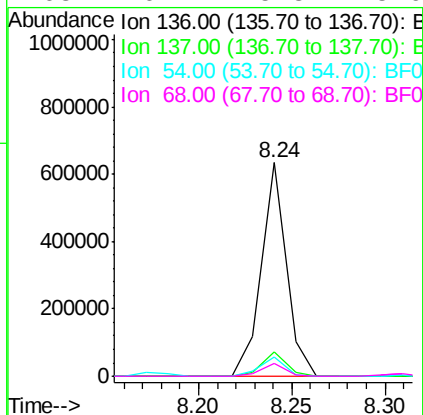
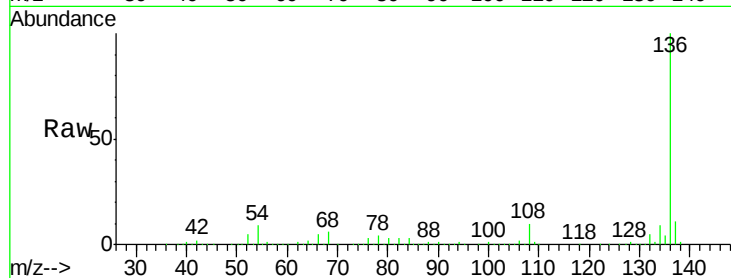
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	9.0	13.6
54	8.9	8.2	12.2
68	6.1	5.8	8.6

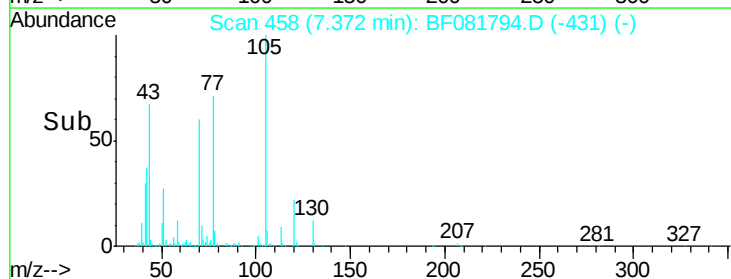
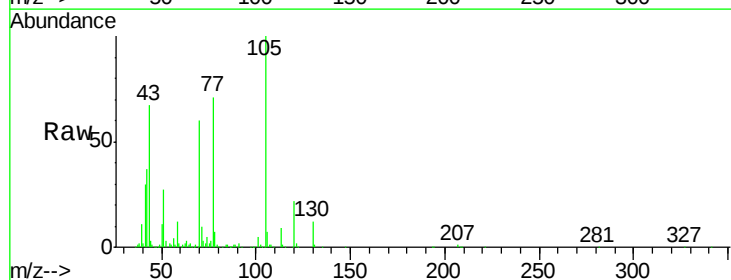
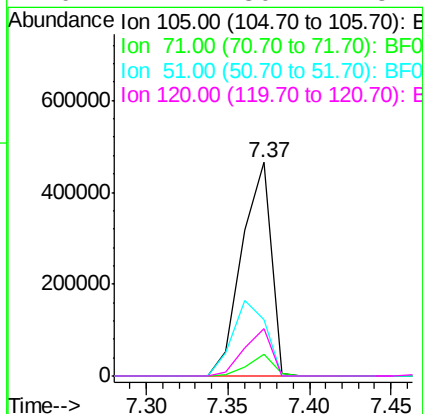
Manual Integrations
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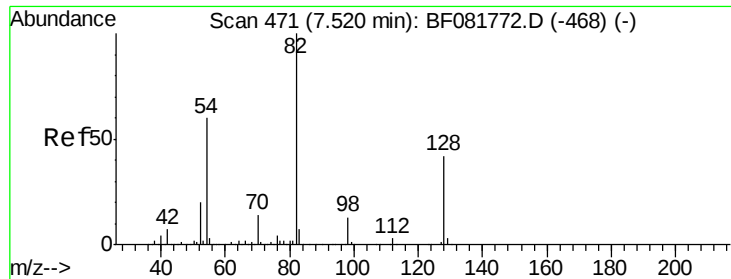
MMDadoda
9/25/2015 3:37:01 PM



#22
Acetophenone
Concen: 44.81 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	9.9	4.7	7.1#
51	26.6	22.0	33.0
120	22.2	30.1	45.1#





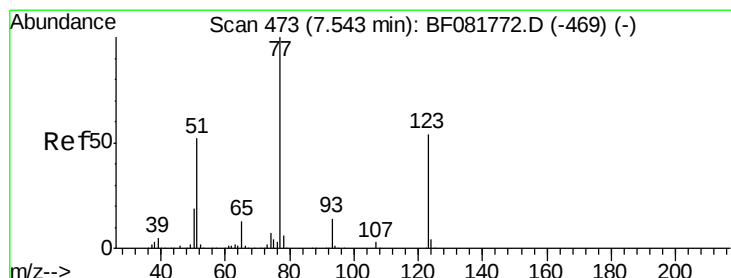
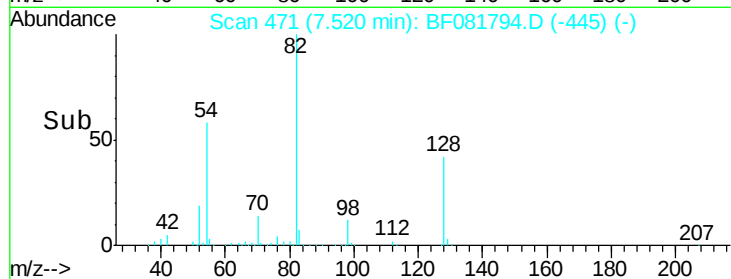
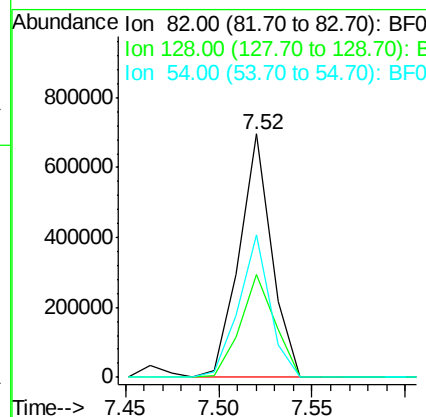
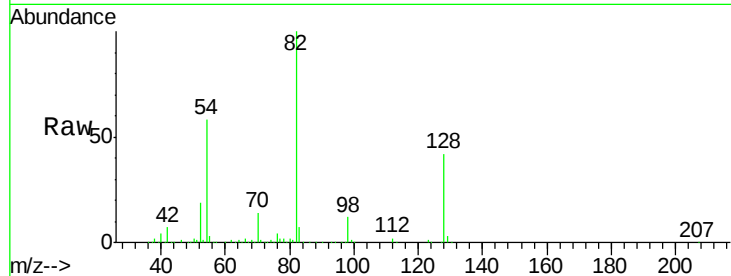
#23
 Nitrobenzene-d5
 Concen: 94.63 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	51.0	76.6#
54	58.5	47.5	71.3

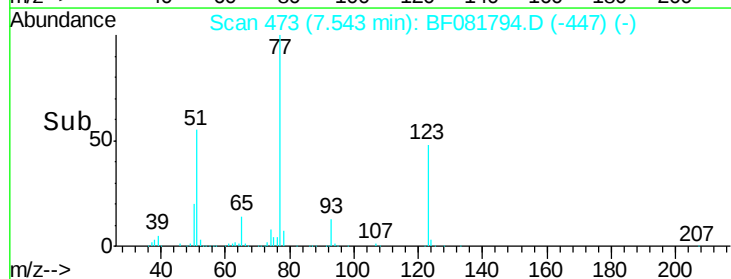
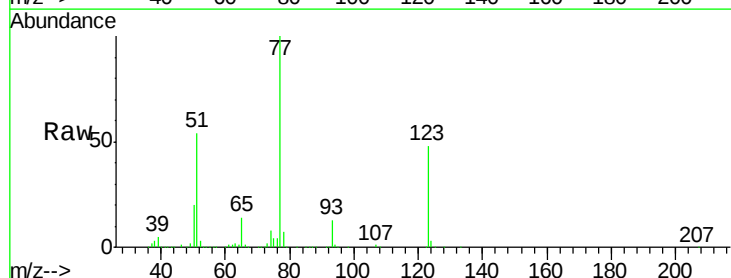
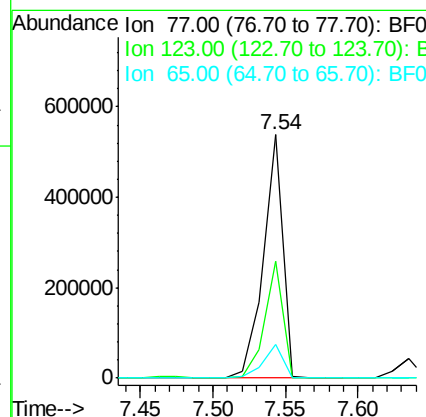
Manual Integrations
 APPROVED

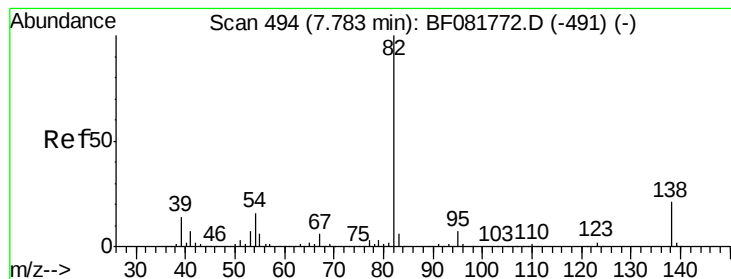
MMDadoda
 9/25/2015 3:37:01 PM



#24
 Nitrobenzene
 Concen: 50.13 ng
 RT: 7.54 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	59.8	89.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 43.08 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion: 82 Resp: 847887
Ion Ratio Lower Upper

82 100

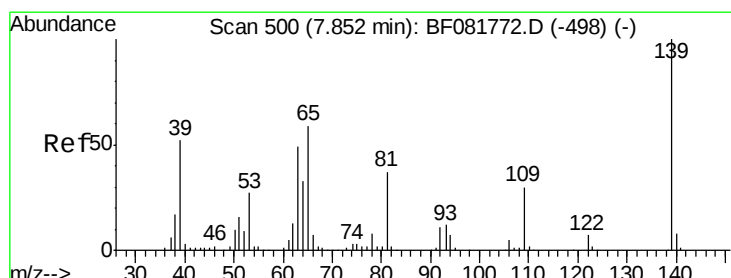
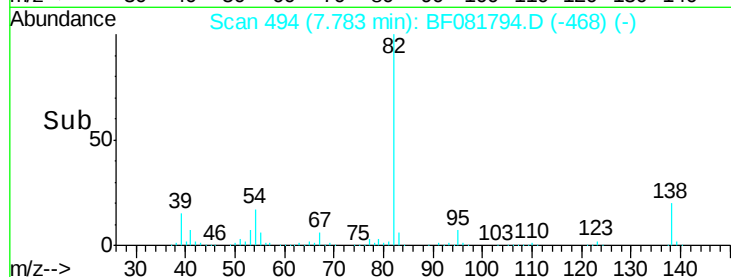
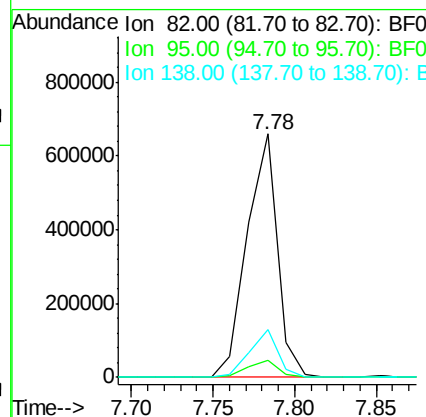
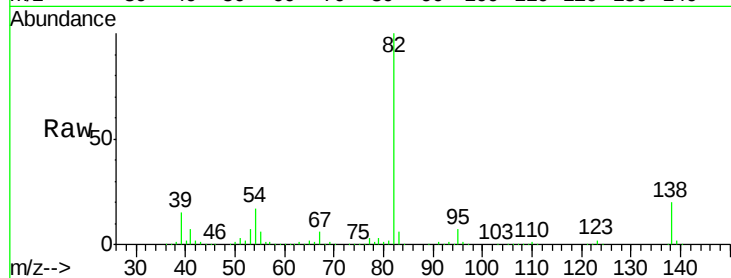
95 7.2 4.0 6.0#

138 19.8 18.3 27.5

Manual Integrations
APPROVED

MMDadoda

9/25/2015 3:37:01 PM



#26

2-Nitrophenol

Concen: 56.29 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081794.D

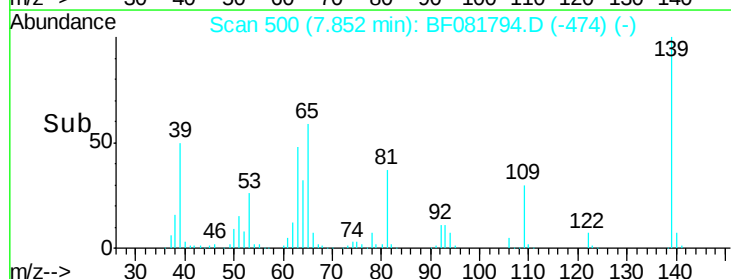
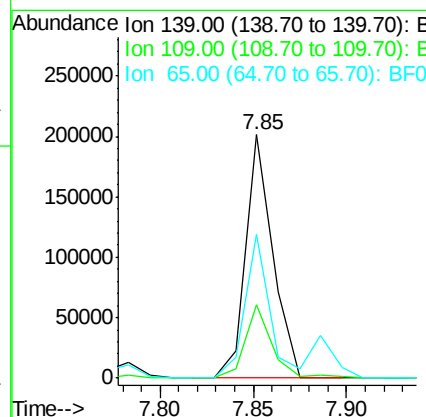
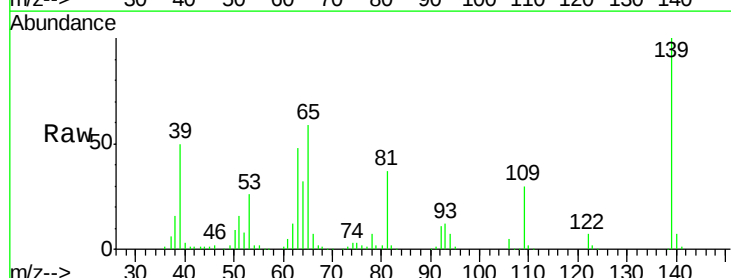
Acq: 25 Sep 2015 8:09

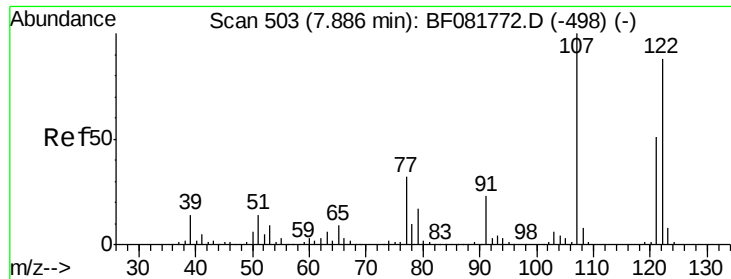
Tgt Ion: 139 Resp: 202675
Ion Ratio Lower Upper

139 100

109 30.3 11.0 16.4#

65 58.9 24.7 37.1#





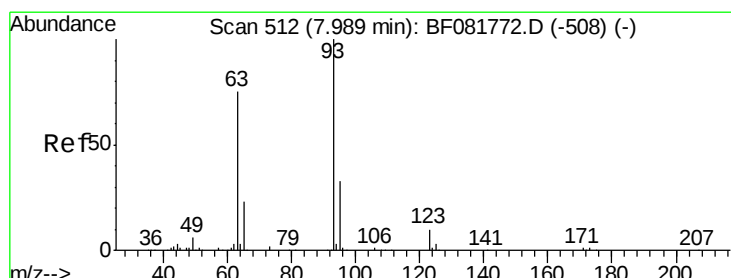
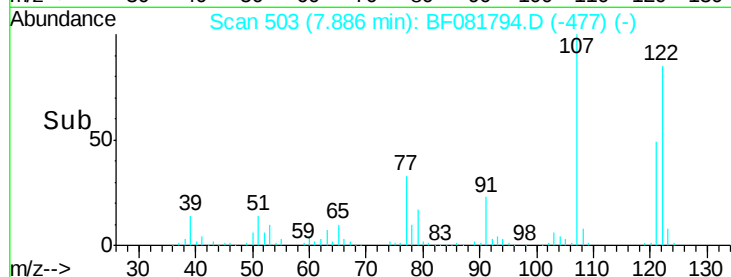
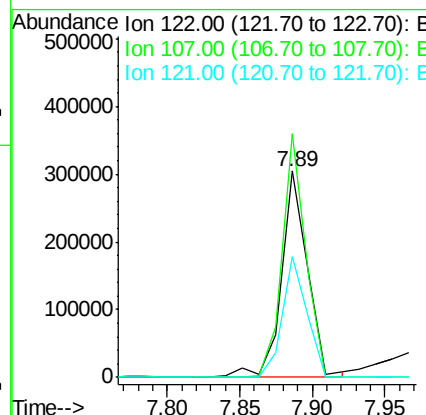
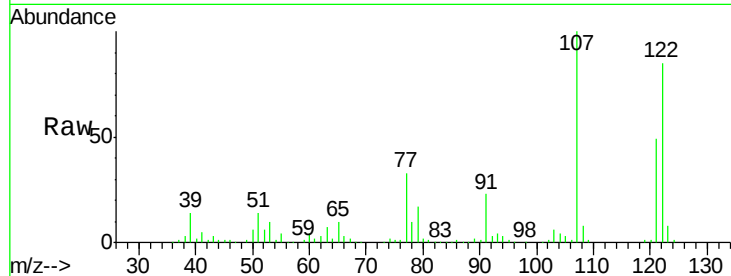
#27
 2,4-Dimethylphenol
 Concen: 42.27 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	377357		
107	118.1	71.8	107.6#	
121	58.3	42.3	63.5	

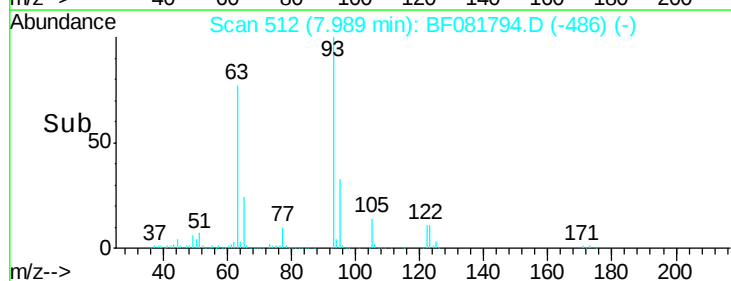
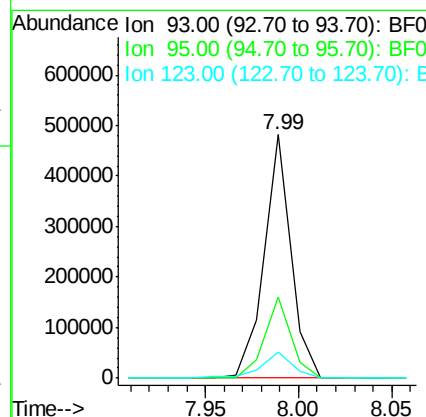
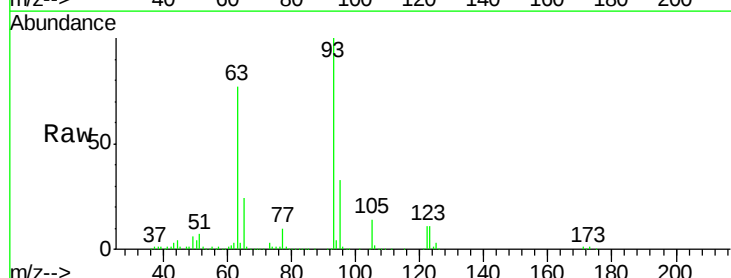
Manual Integrations
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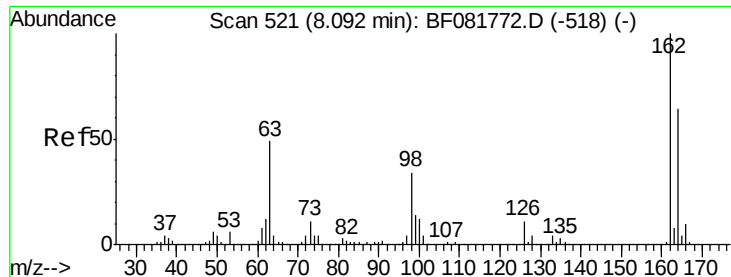
MMDadoda
 9/25/2015 3:37:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.34 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	475360		
95	33.4	27.5	41.3	
123	10.8	13.7	20.5#	





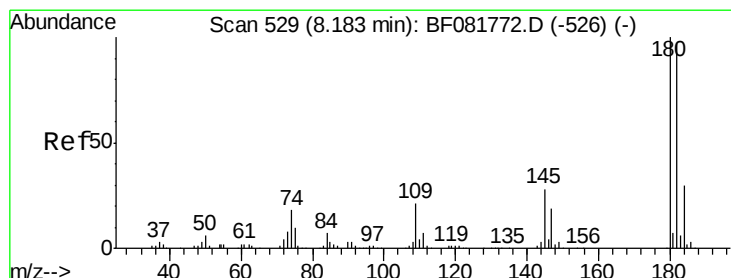
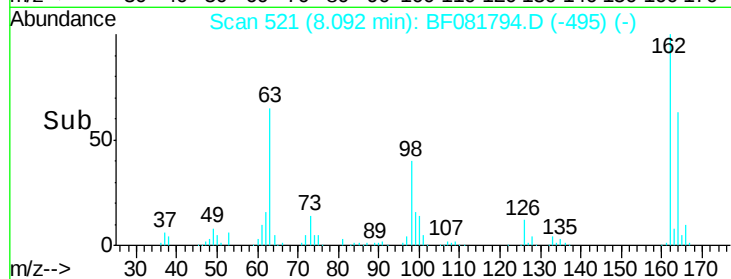
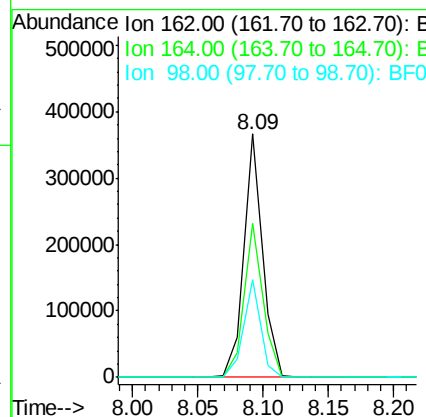
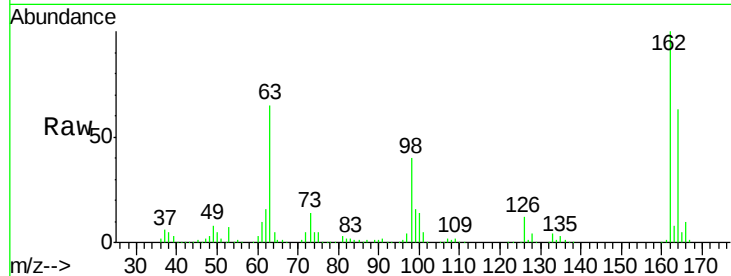
#29
 2,4-Dichlorophenol
 Concen: 43.56 ng
 RT: 8.09 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	44.9	84.9
98	40.2	13.0	53.0

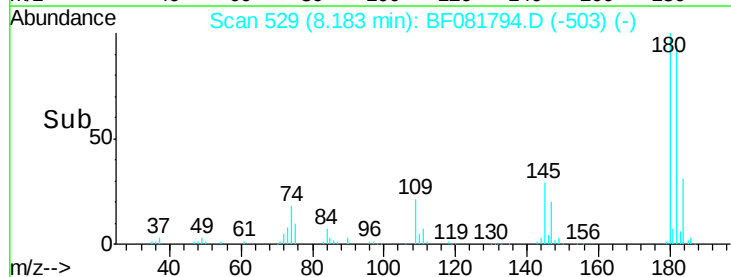
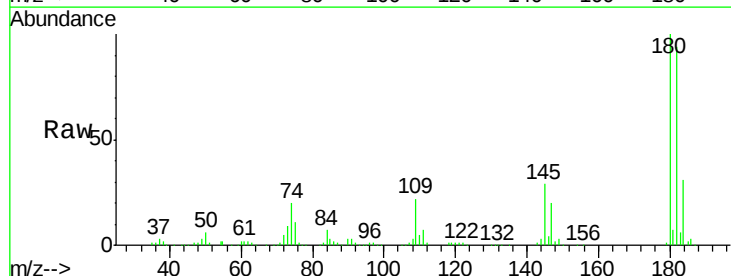
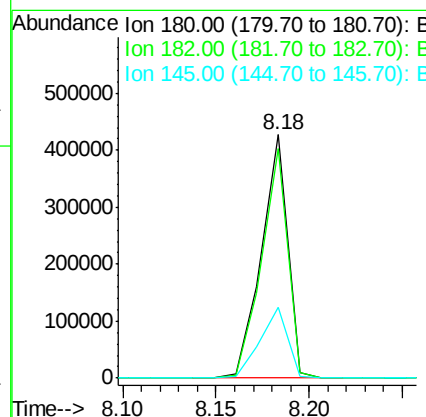
Manual Integrations
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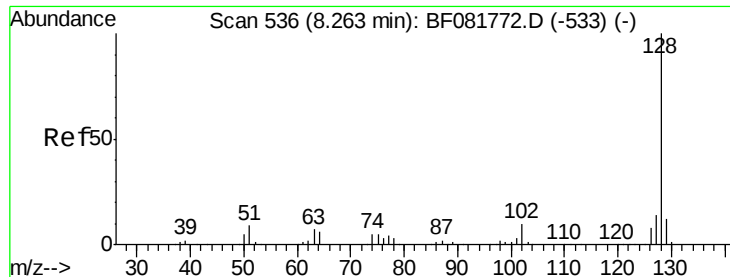
MMDadoda
 9/25/2015 3:37:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.50 ng
 RT: 8.18 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.4	77.1	115.7
145	28.9	23.3	34.9





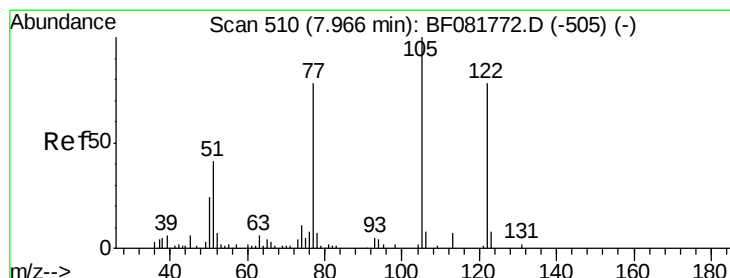
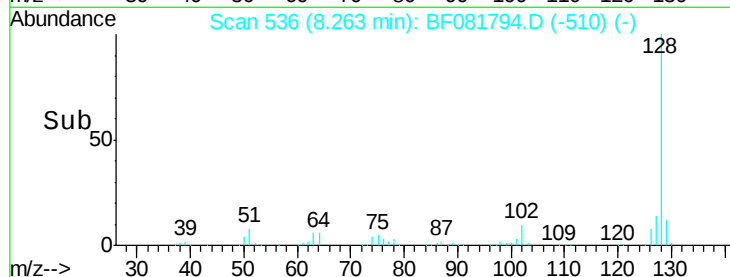
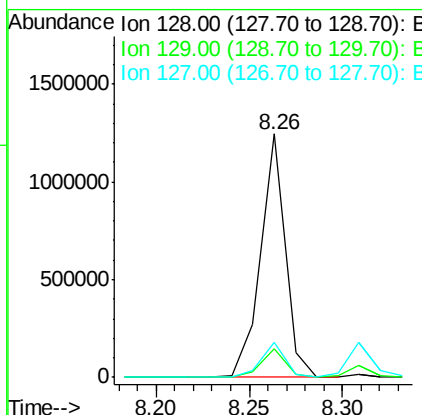
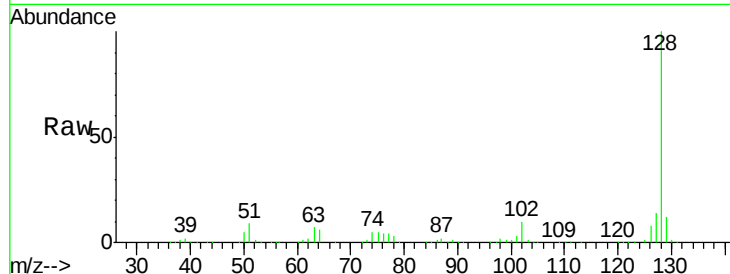
#31
Naphthalene
Concen: 41.90 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion:128 Resp: 1133014
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 14.2 9.9 14.9

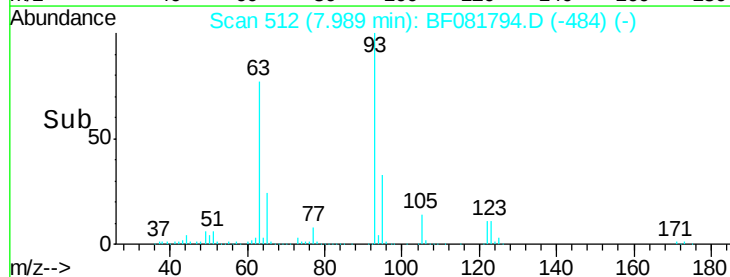
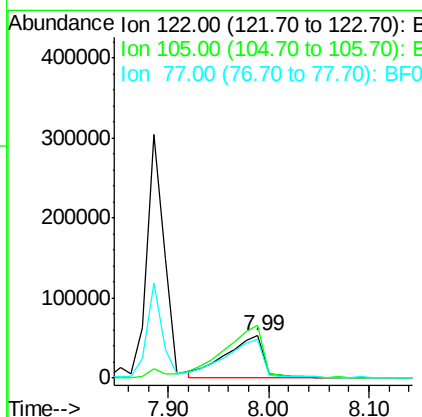
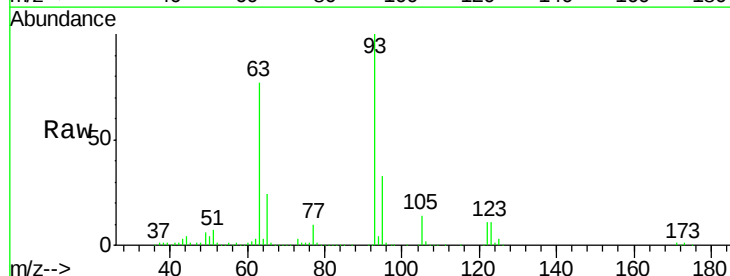
Manual Integrations
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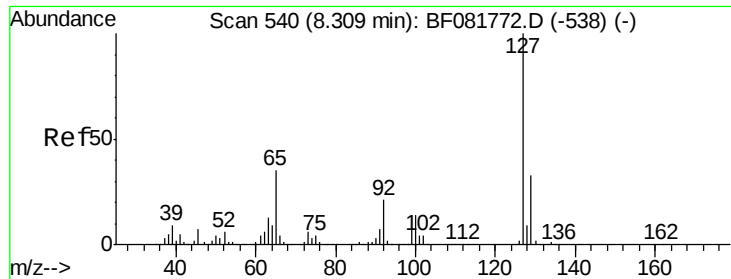
MMDadoda
9/25/2015 3:37:01 PM



#32
Benzoic acid
Concen: 80.64 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.02 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion:122 Resp: 140154
Ion Ratio Lower Upper
122 100
105 123.9 76.1 116.1#
77 93.0 40.5 80.5#





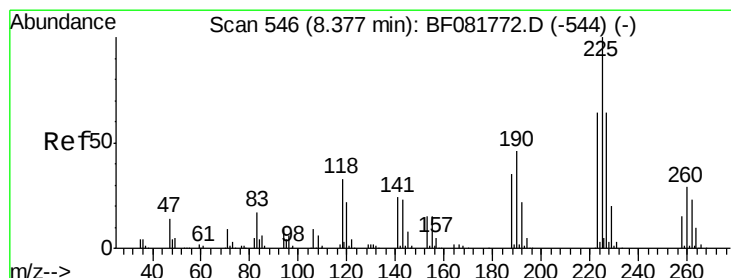
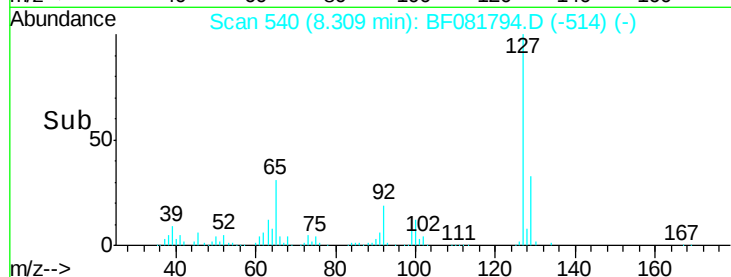
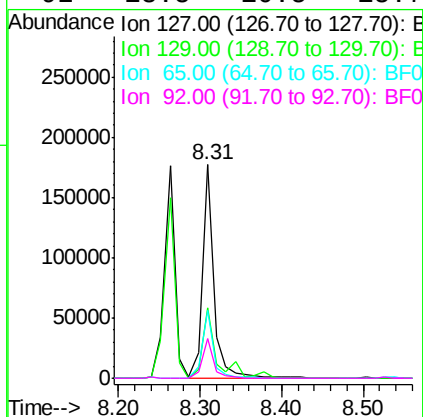
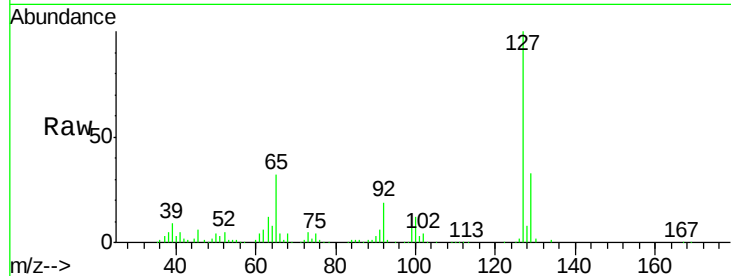
#33
4-Chloroaniline
Concen: 14.96 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.7	25.8	38.6
65	31.6	17.9	26.9
92	18.5	10.5	15.7

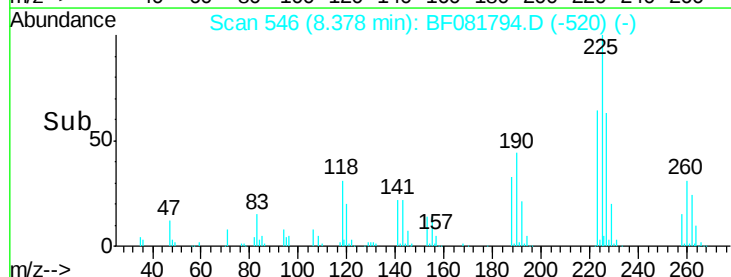
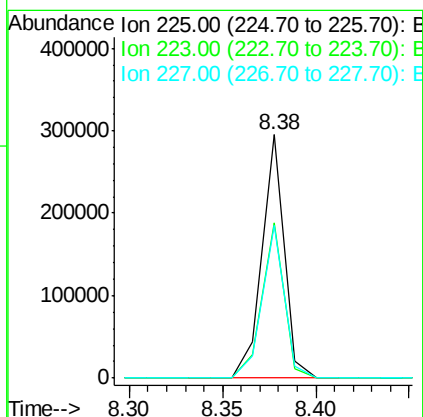
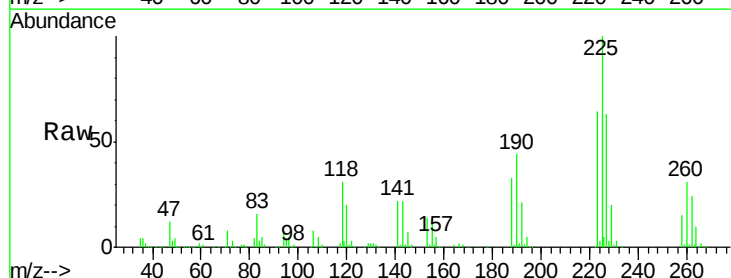
Manual Integrations
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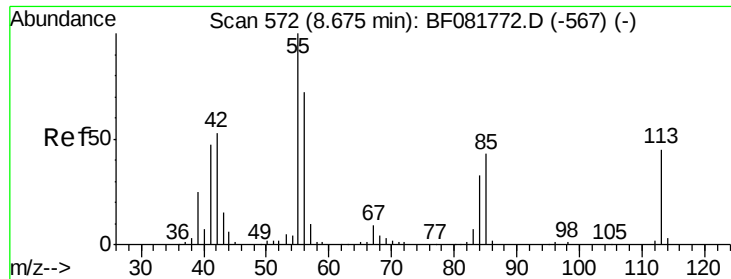
MMDadoda
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#34
Hexachlorobutadiene
Concen: 44.81 ng
RT: 8.38 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.7	50.2	75.2
227	62.8	52.2	78.2





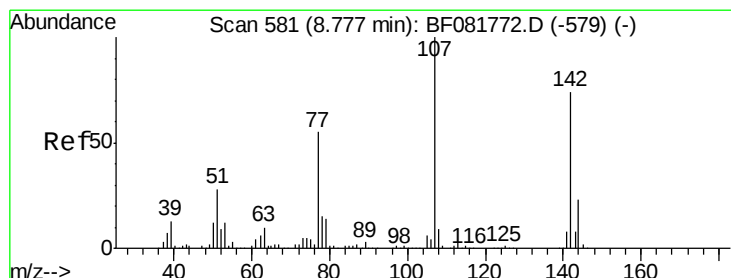
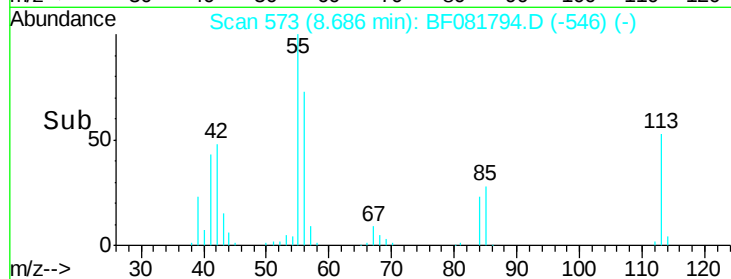
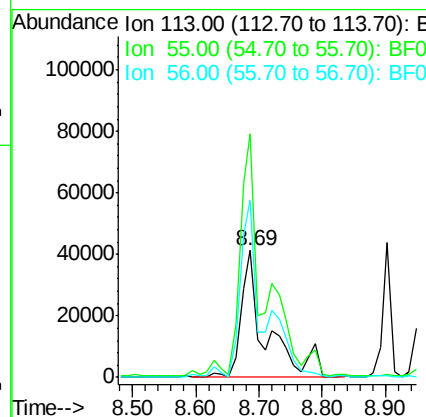
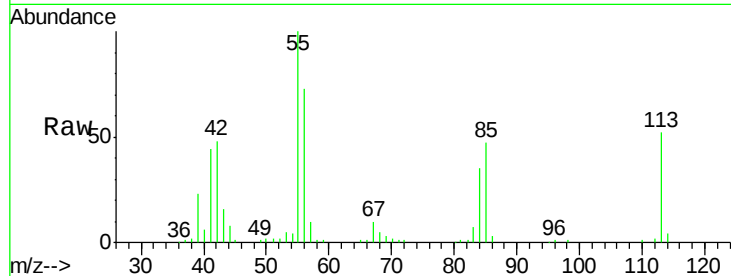
#35
 Caprolactam
 Concen: 50.01 ng m
 RT: 8.69 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
113	100		
55	191.6	152.4	192.4
56	139.5	104.6	144.6

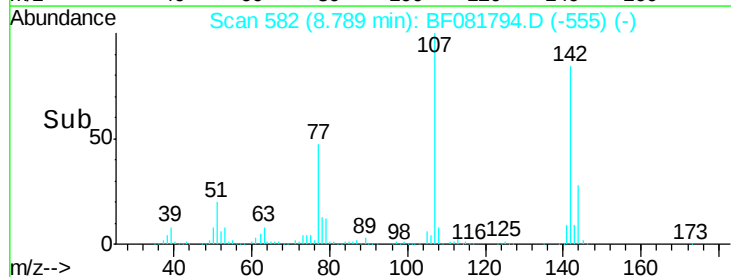
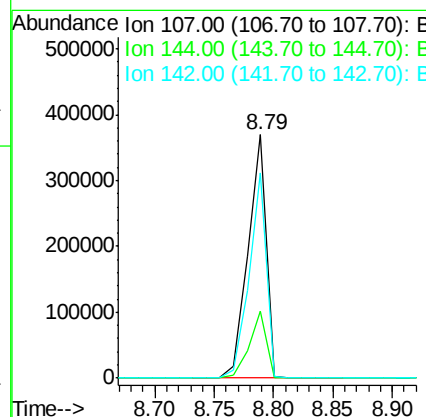
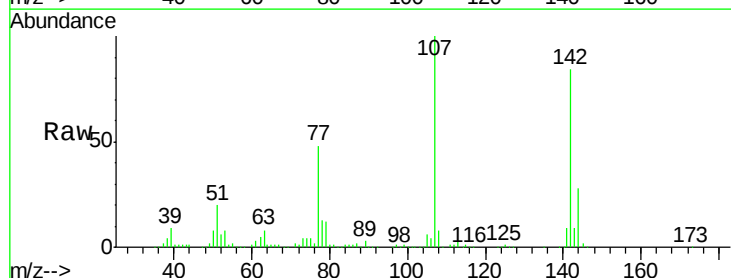
Manual Integrations
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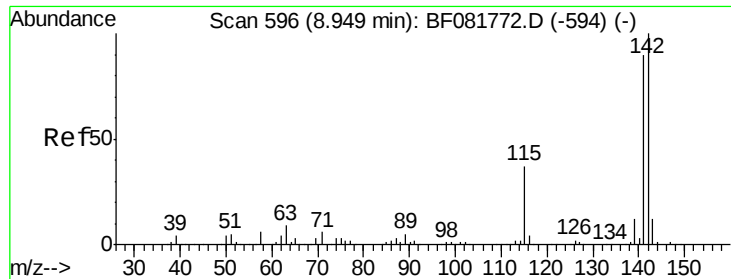
MMDadoda
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#36
 4-Chloro-3-methylphenol
 Concen: 47.58 ng
 RT: 8.79 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	25.4	38.0
142	84.2	77.3	115.9





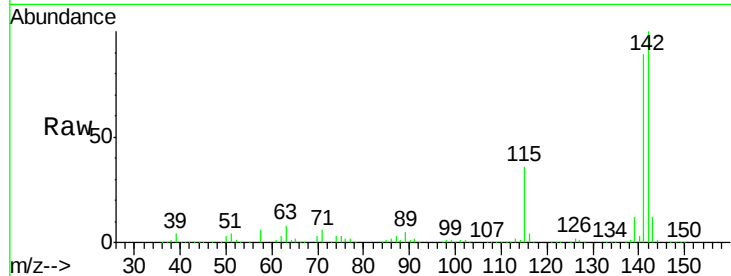
#37
2-Methylnaphthalene
Concen: 40.85 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

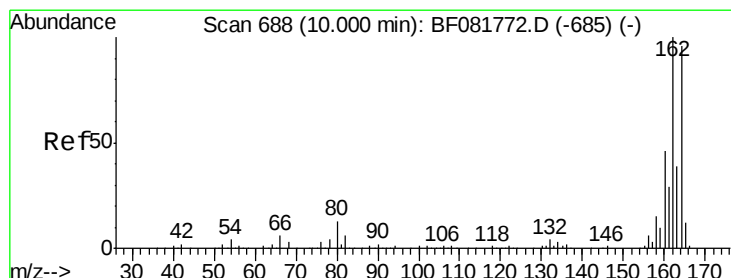
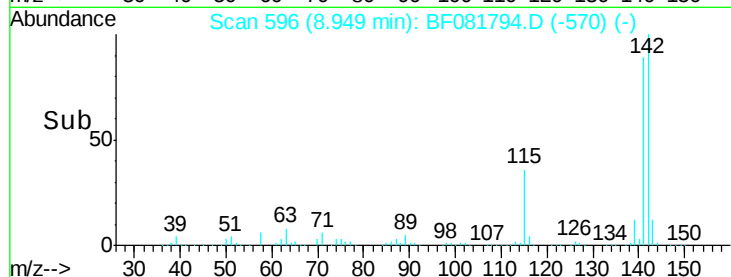
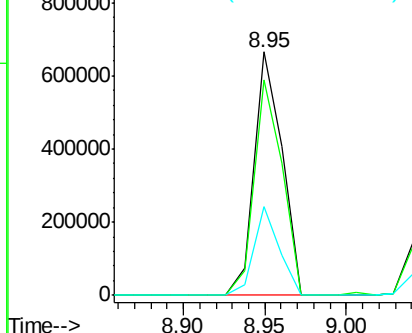
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	36.4	18.2	27.2

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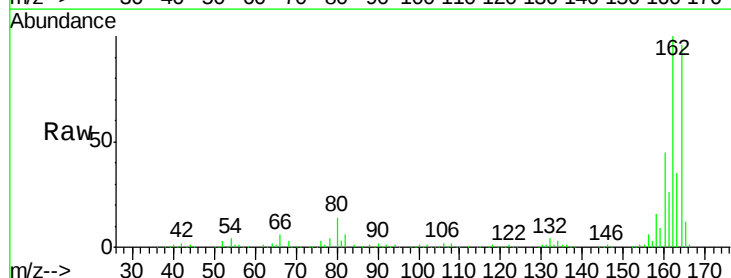


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

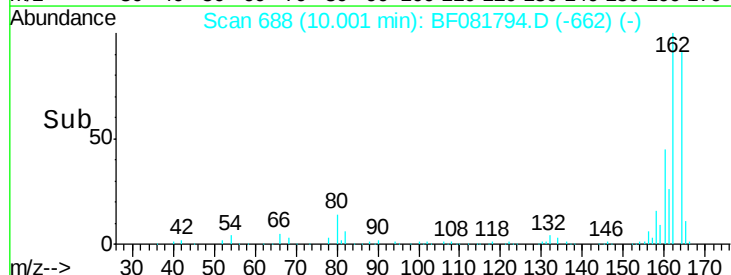
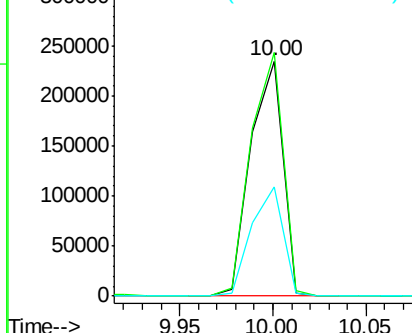


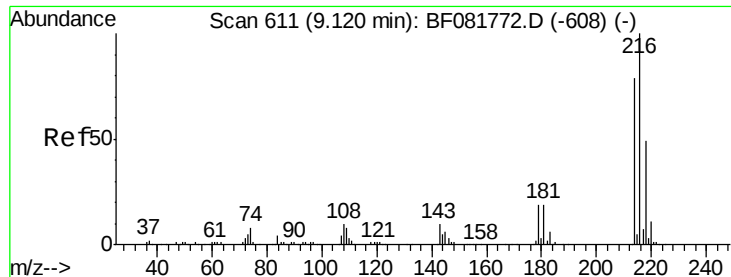
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	46.5	31.5	47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





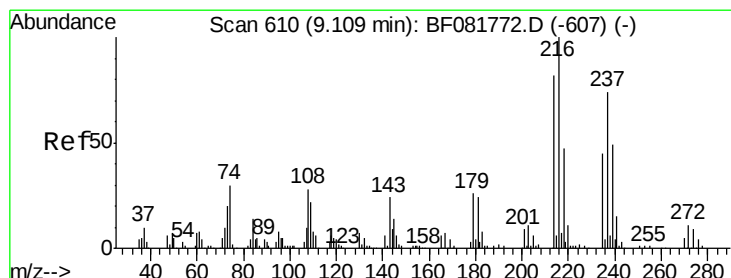
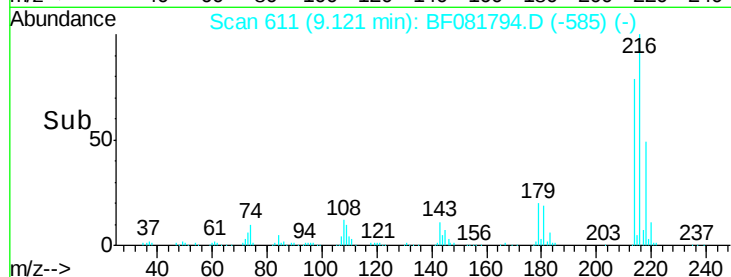
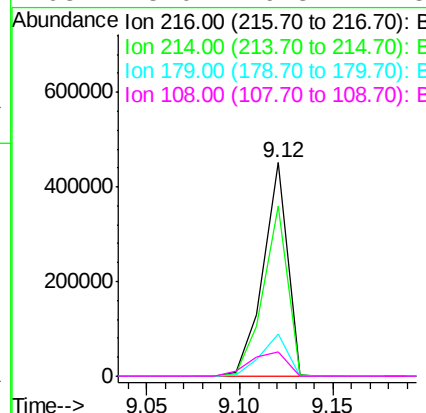
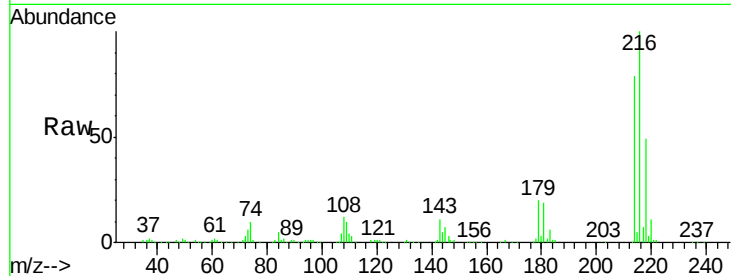
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.47 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	406853		
214	79.6	63.5	95.3	
179	21.5	16.6	24.8	
108	18.0	16.3	24.5	

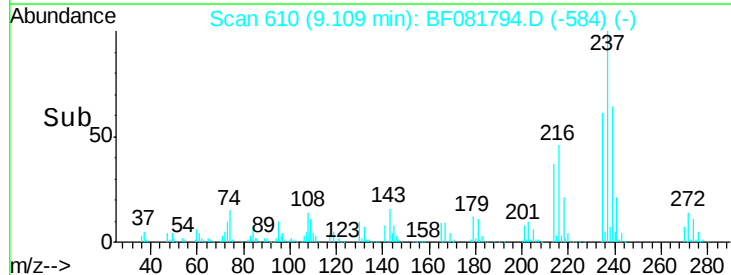
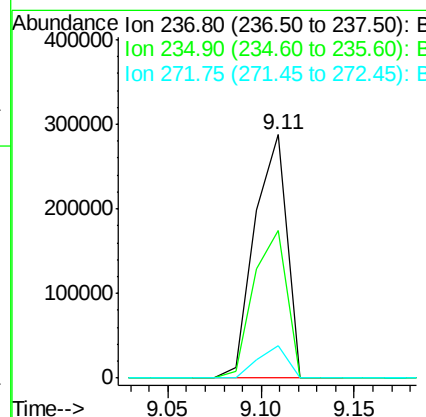
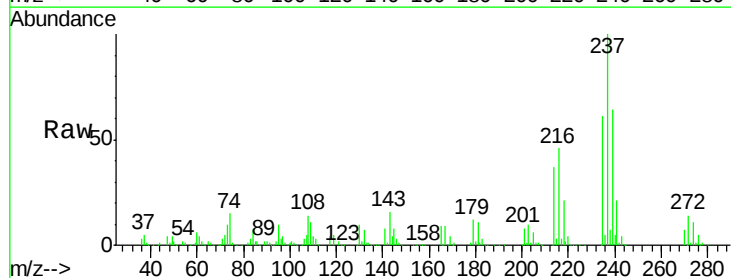
Manual Integrations
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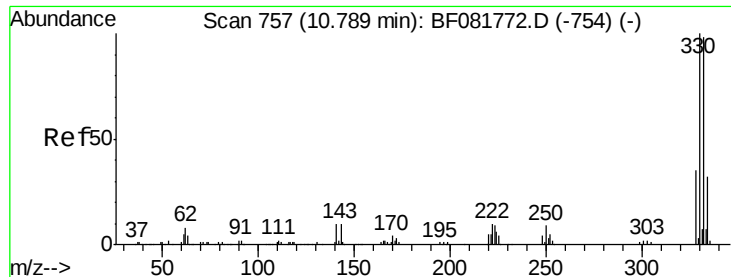
MMDadoda
 9/25/2015 3:37:01 PM



#40
 Hexachlorocyclopentadiene
 Concen: 89.29 ng
 RT: 9.11 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	342396		
235	60.6	42.0	82.0	
272	13.6	0.0	36.1	





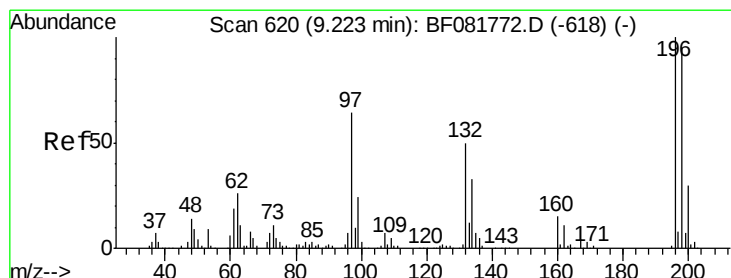
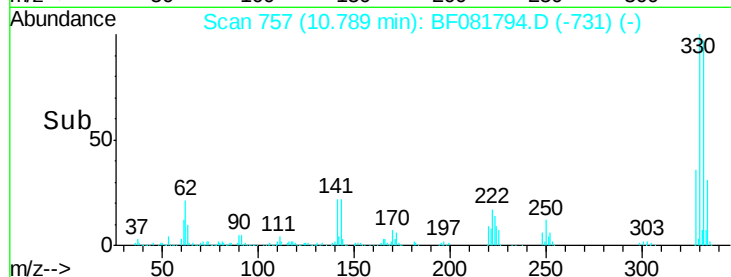
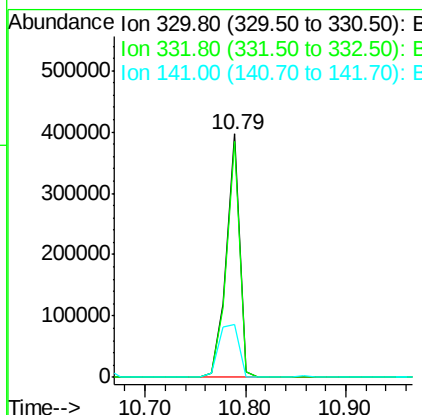
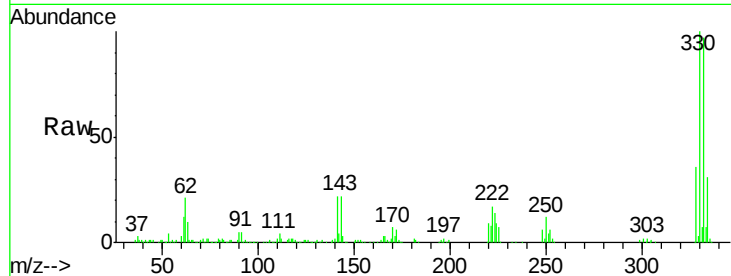
#41
 2,4,6-Tribromophenol
 Concen: 151.57 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	368897		
332	96.5	76.6	114.8	
141	33.1	29.7	44.5	

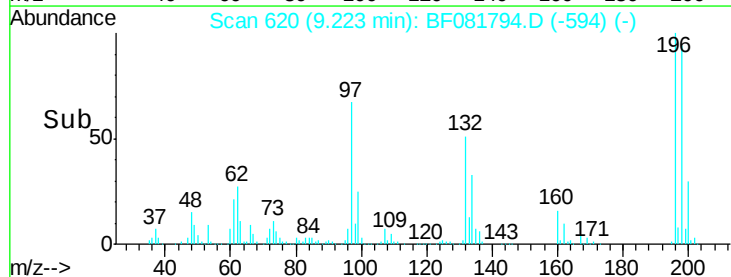
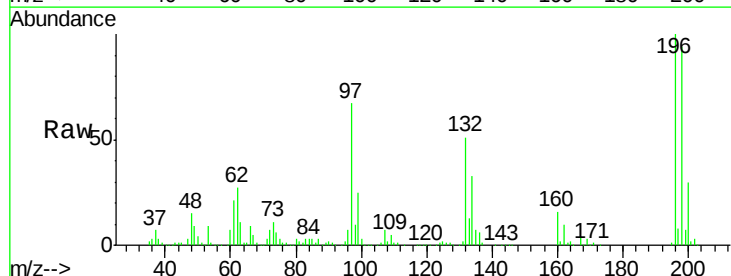
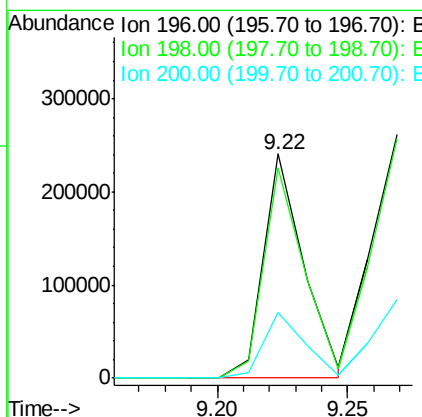
Manual Integrations
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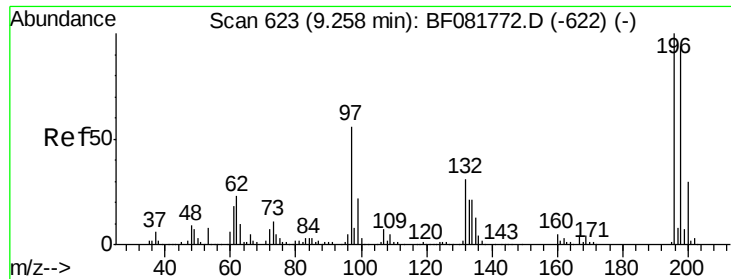
MMDadoda
 9/25/2015 3:37:01 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.82 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258309		
198	93.9	75.7	113.5	
200	29.6	23.9	35.9	





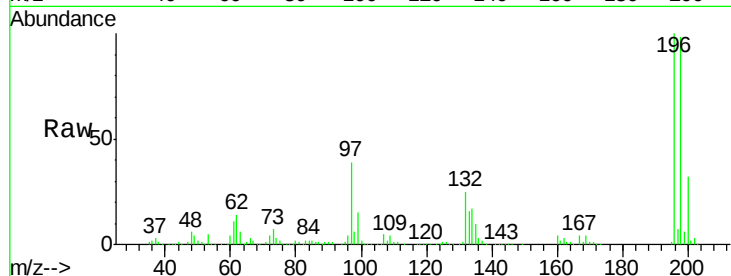
#43
 2,4,5-Trichlorophenol
 Concen: 47.93 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

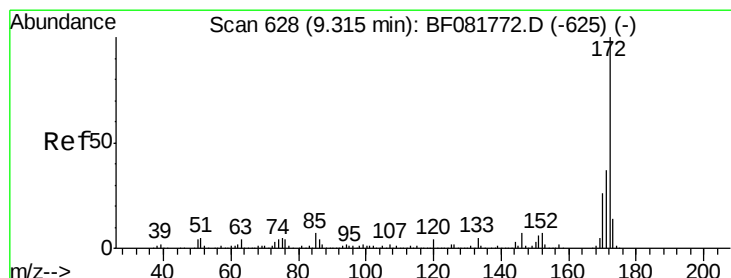
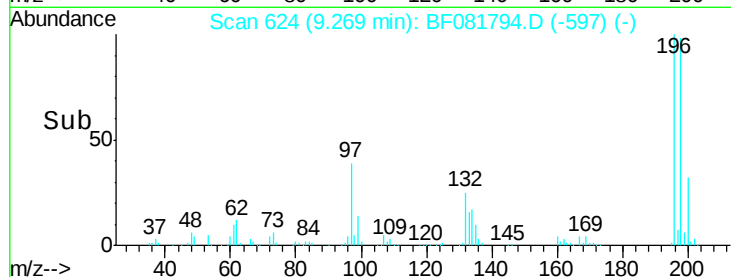
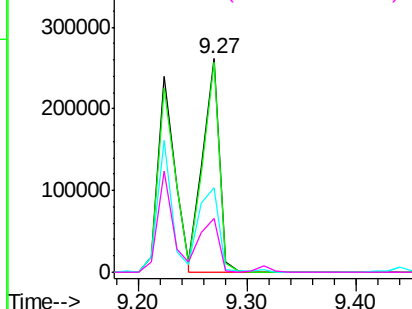
Tgt Ion:	196	Resp:	277974
Ion Ratio	Lower	Upper	
196	100		
198	98.2	75.4	113.0
97	39.4	33.3	49.9
132	25.3	24.6	37.0

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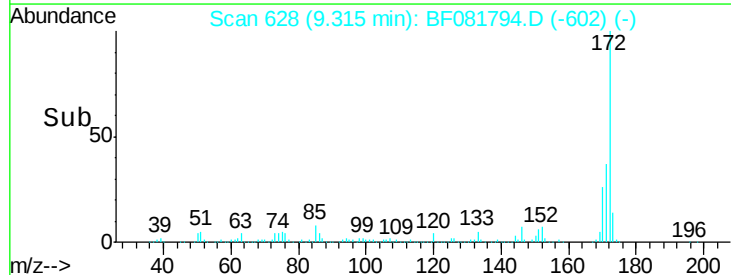
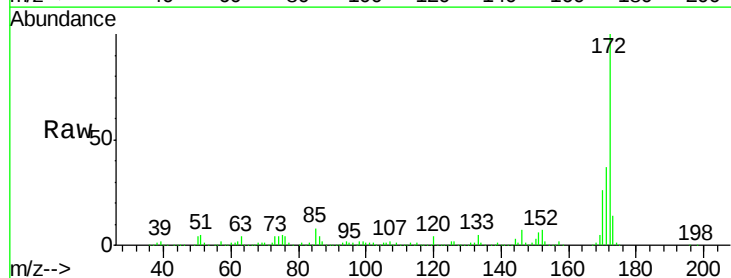
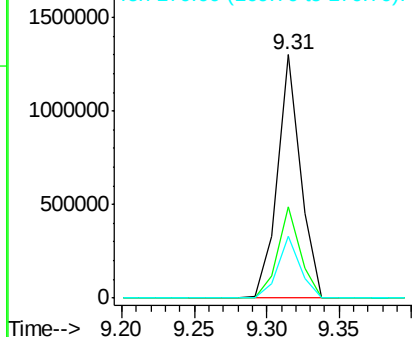
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

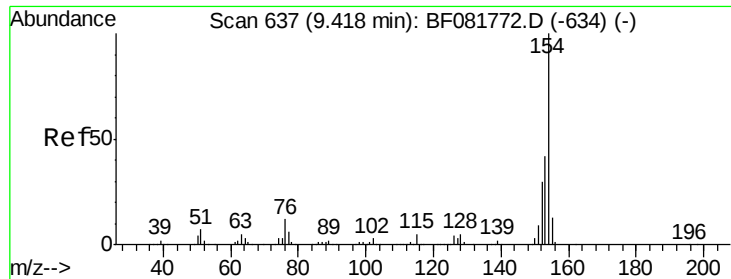


#44
 2-Fluorobiphenyl
 Concen: 84.35 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:	172	Resp:	1440473
Ion Ratio	Lower	Upper	
172	100		
171	37.4	26.1	39.1
170	25.6	17.4	26.2

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.26 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion:154 Resp: 948282
Ion Ratio Lower Upper

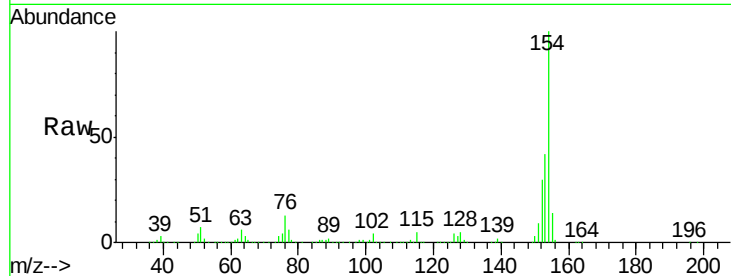
154 100

153 42.1 17.1 57.1

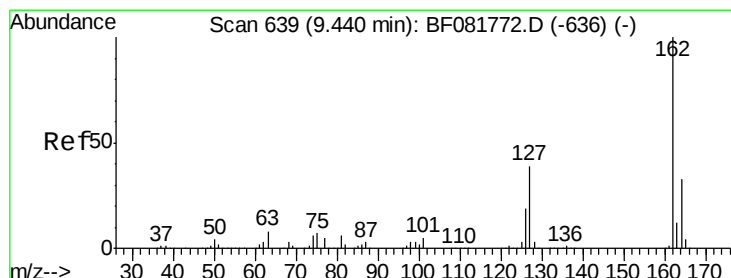
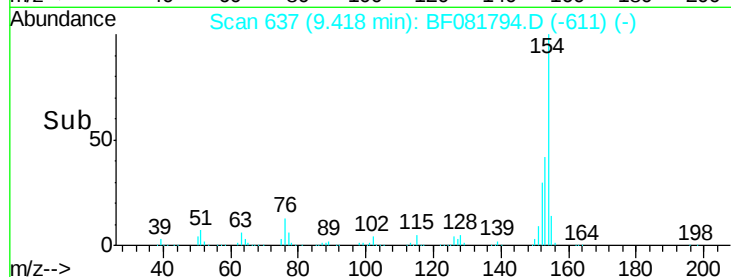
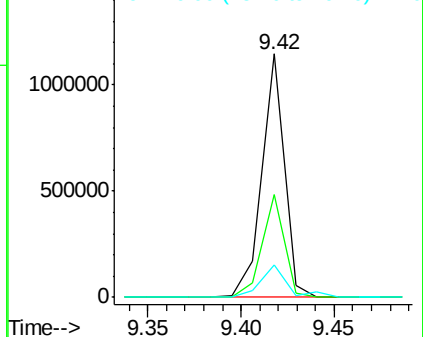
76 13.1 0.0 31.6

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



#46

2-Chloronaphthalene

Concen: 40.77 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF081794.D

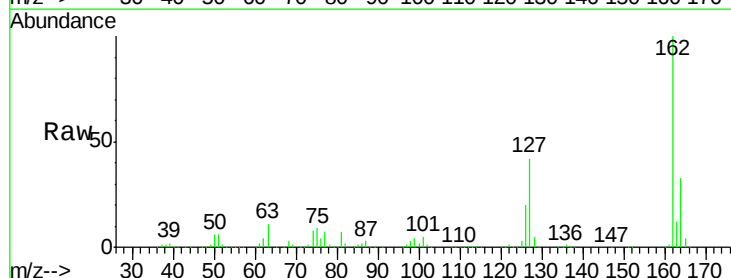
Acq: 25 Sep 2015 8:09

Tgt Ion:162 Resp: 718872
Ion Ratio Lower Upper

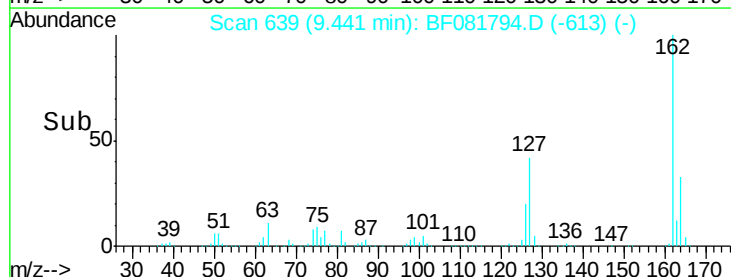
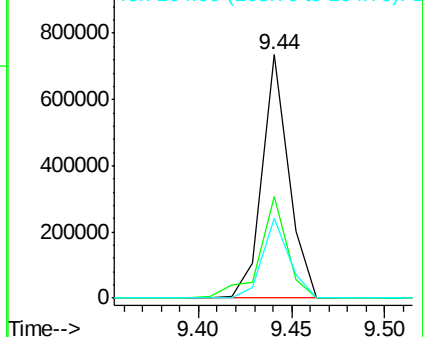
162 100

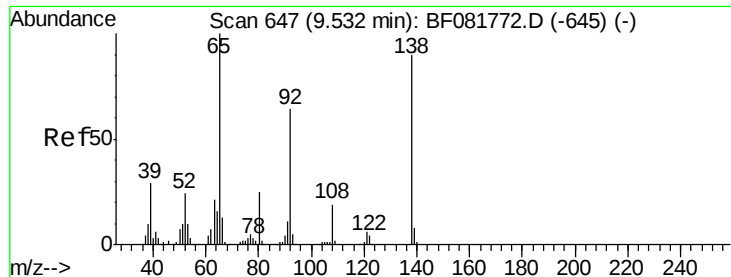
127 41.6 27.6 41.4#

164 32.8 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





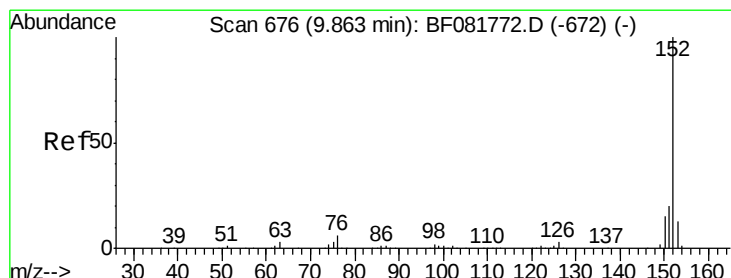
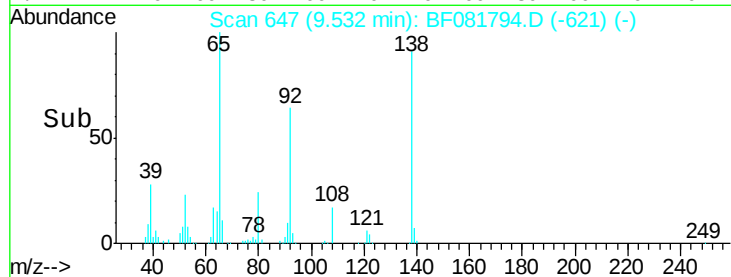
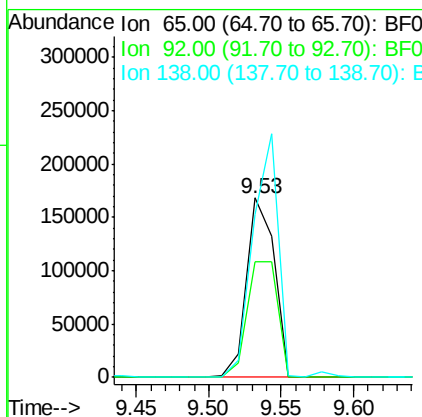
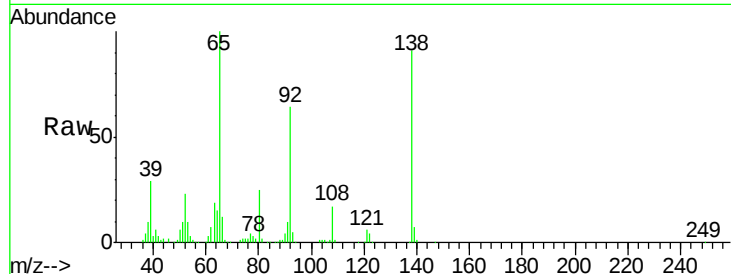
#47
2-Nitroaniline
Concen: 47.39 ng
RT: 9.53 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion: 65 Resp: 222235
Ion Ratio Lower Upper
65 100
92 64.1 55.4 83.0
138 90.8 115.5 173.3#

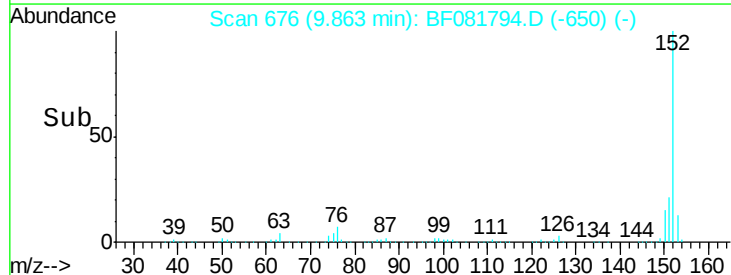
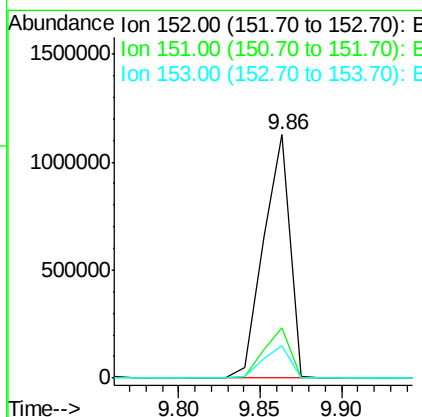
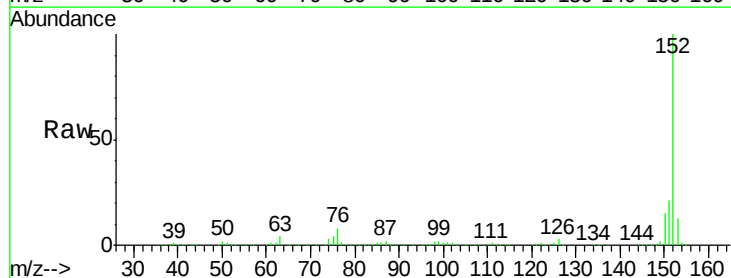
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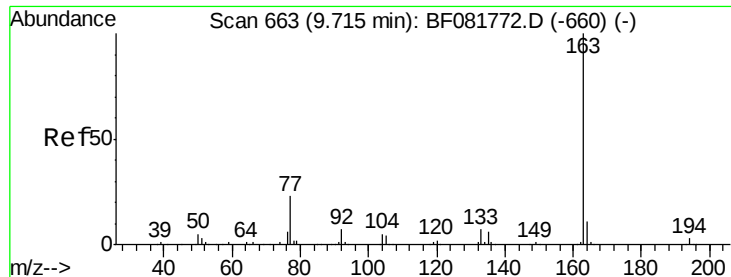
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#48
Acenaphthylene
Concen: 42.20 ng
RT: 9.86 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion: 152 Resp: 1259162
Ion Ratio Lower Upper
152 100
151 20.8 14.6 22.0
153 13.3 10.3 15.5





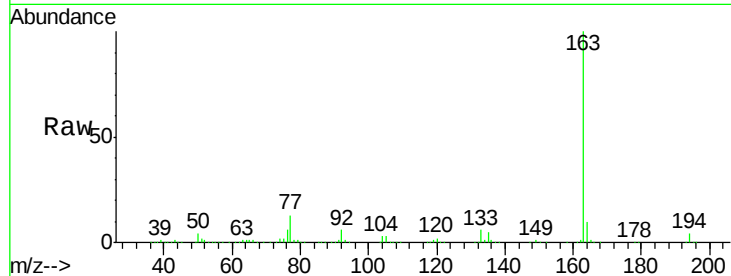
#49
Dimethylphthalate
Concen: 63.78 ng
RT: 9.73 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampled :
SP-1MSDRE

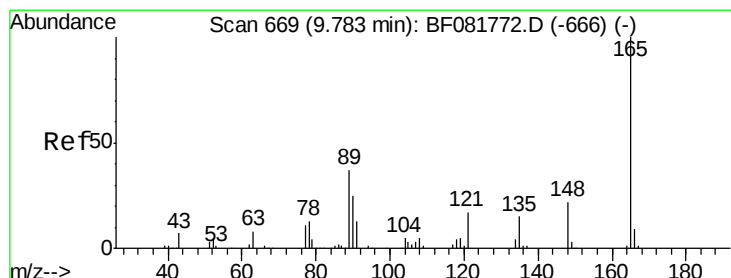
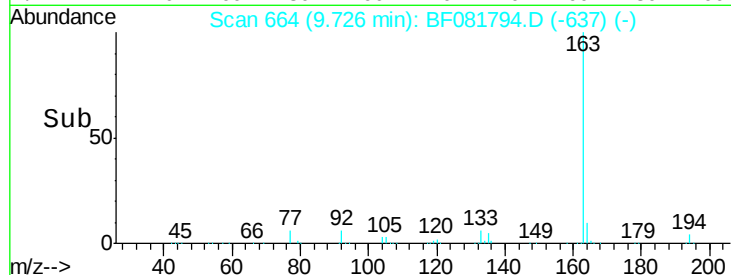
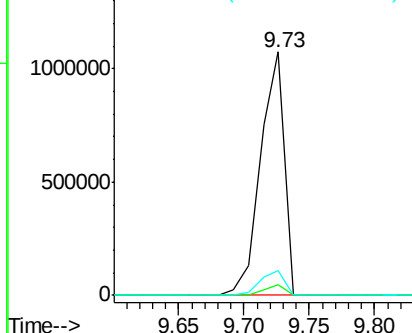
Tgt Ion:163 Resp: 1360519
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 10.1 8.3 12.5

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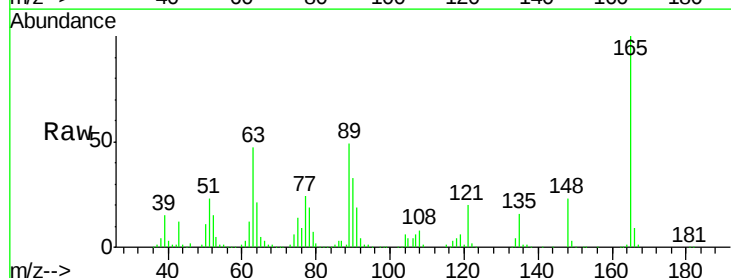


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

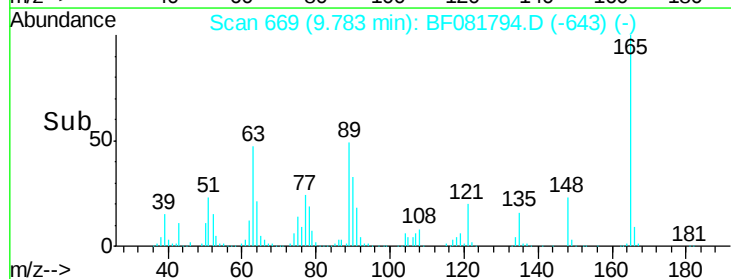
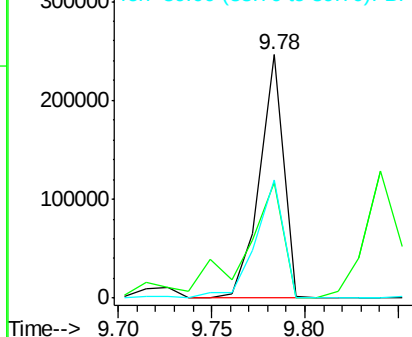


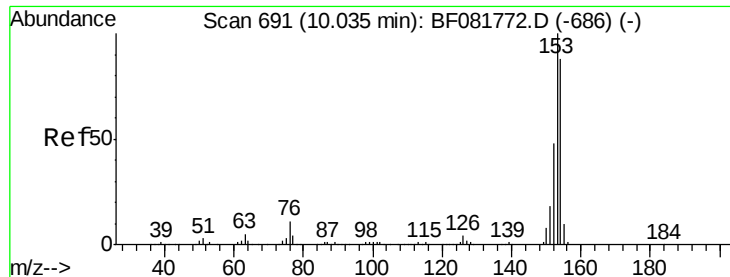
#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.78 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion:165 Resp: 217709
Ion Ratio Lower Upper
165 100
63 47.3 32.3 48.5
89 48.7 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.25 ng

RT: 10.03 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

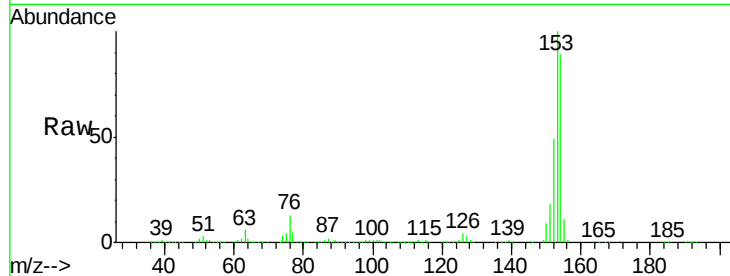
ClientSampleId :

SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	82.1	123.1
152	54.7	37.9	56.9

Manual Integrations
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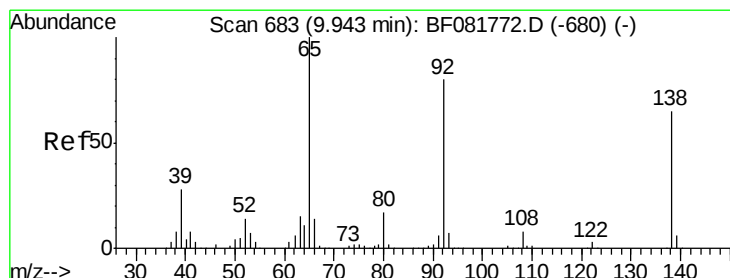
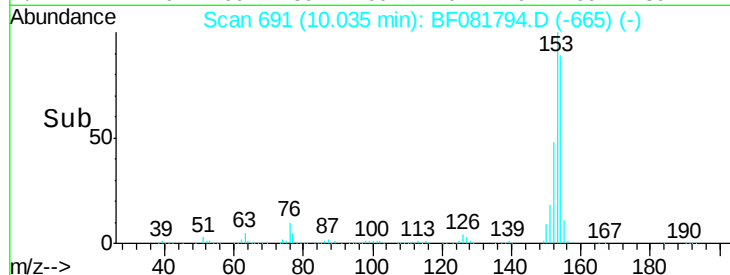
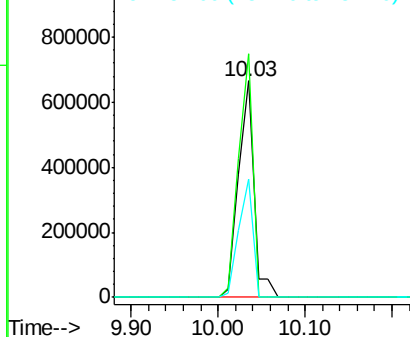
MMDadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.50 ng

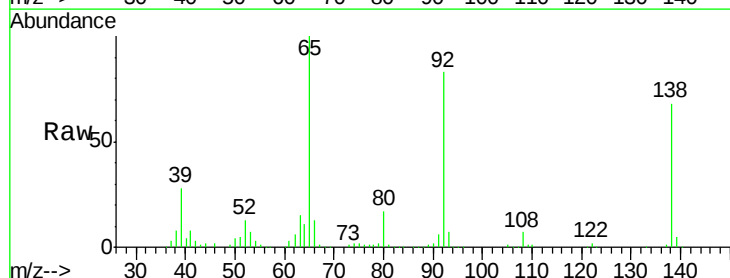
RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

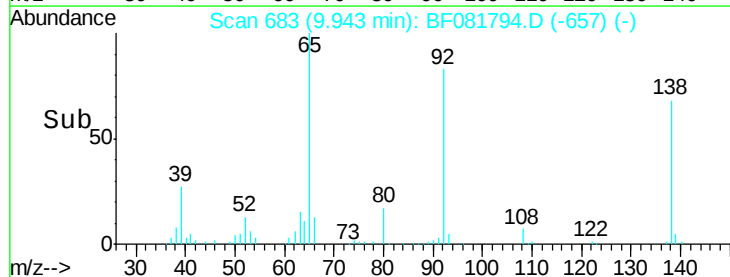
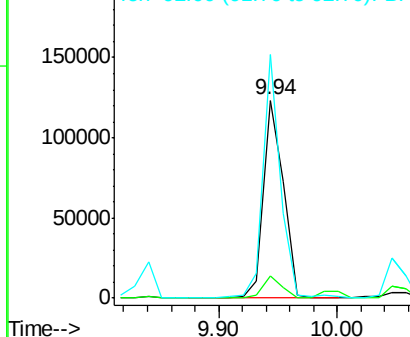
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	5.7	8.5#
92	122.9	67.7	101.5#

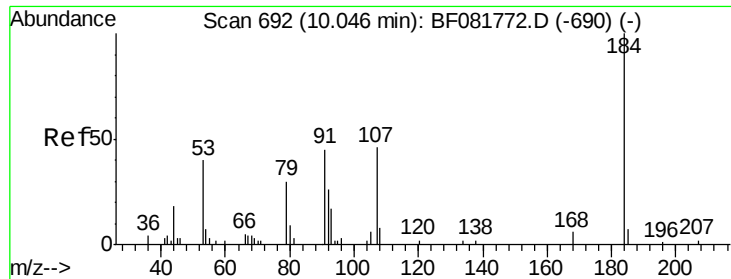


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





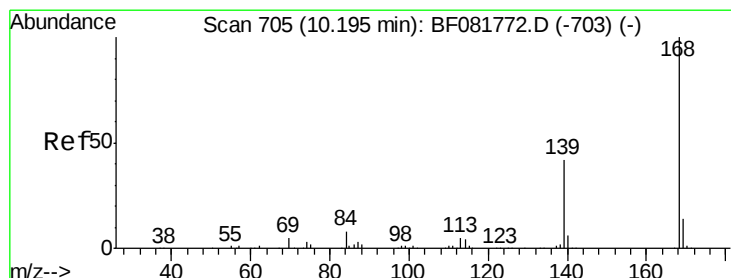
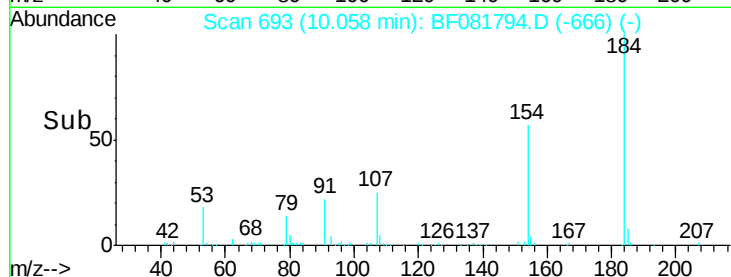
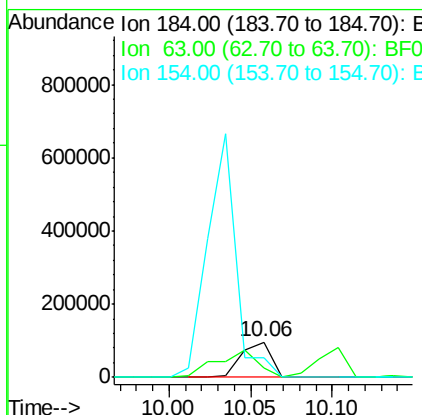
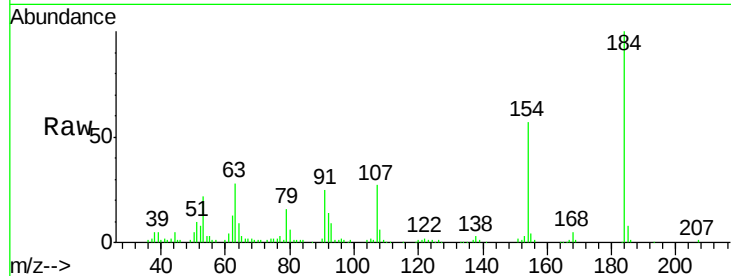
#53
2,4-Dinitrophenol
Concen: 110.19 ng
RT: 10.06 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	27.8	35.4	53.2#
154	56.8	32.2	48.4#

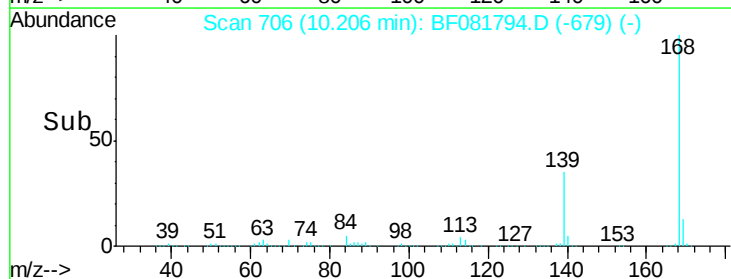
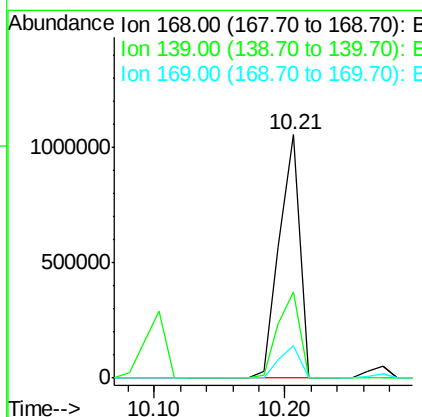
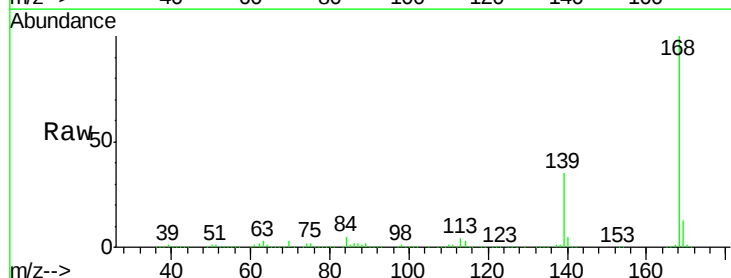
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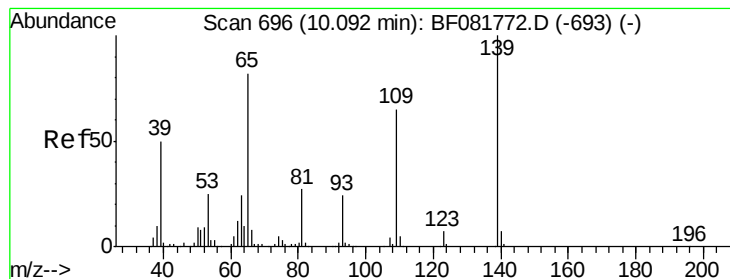
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#54
Dibenzofuran
Concen: 45.17 ng
RT: 10.21 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	35.3	24.2	36.2
169	13.3	10.6	15.8





#55

4-Nitrophenol

Concen: 104.74 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion:139 Resp: 322572
Ion Ratio Lower Upper

139 100

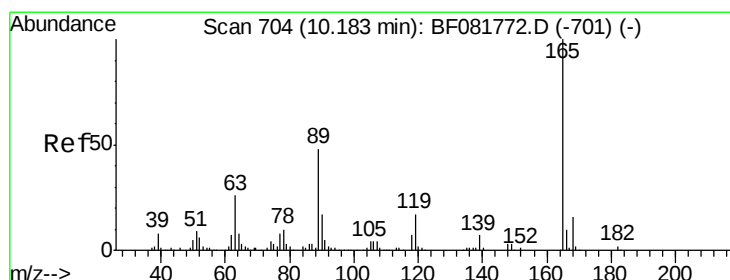
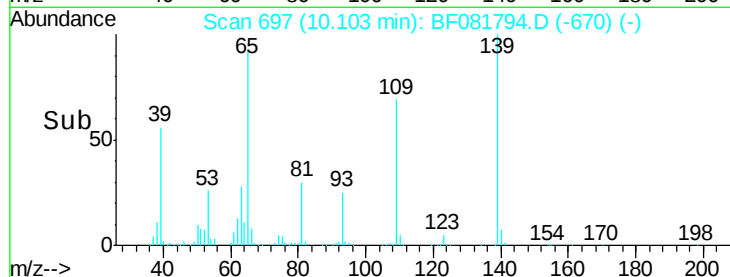
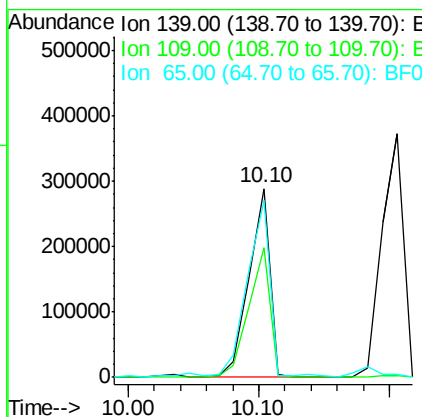
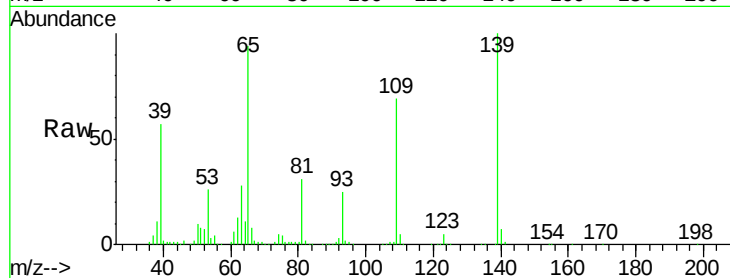
109 68.5 12.7 52.7#

65 93.7 45.9 85.9#

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#56

2,4-Dinitrotoluene

Concen: 53.75 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

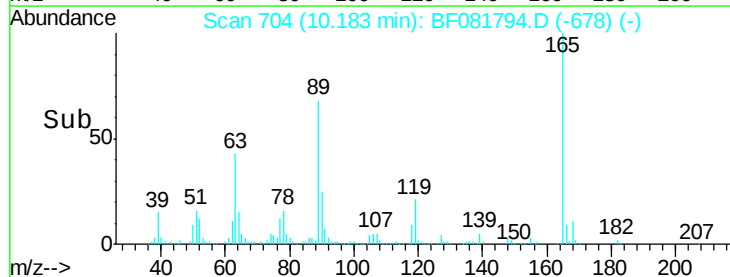
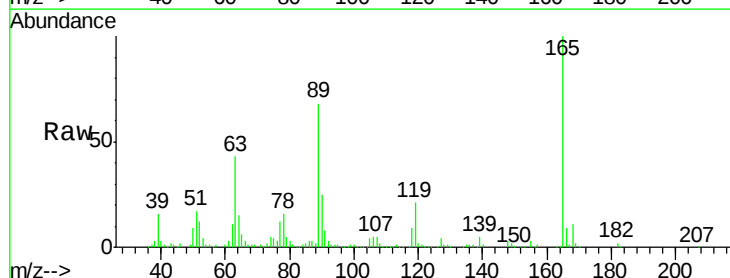
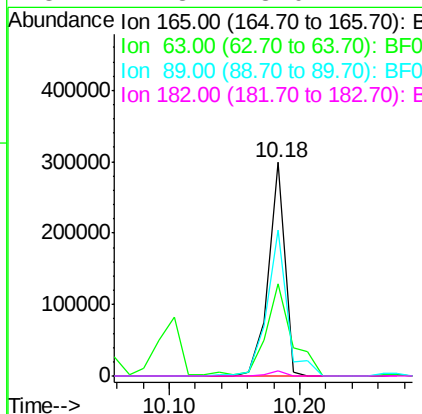
Tgt Ion:165 Resp: 264941
Ion Ratio Lower Upper

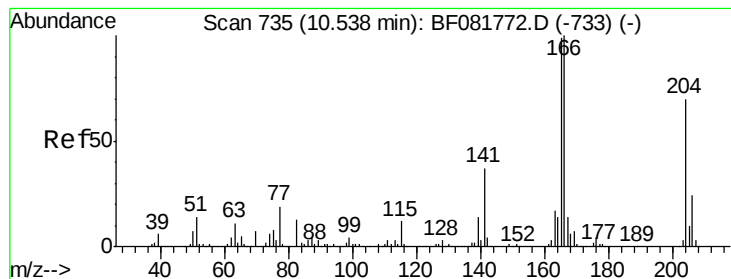
165 100

63 43.1 29.8 44.6

89 68.4 44.5 66.7#

182 2.3 3.0 4.4#





#57

Fluorene

Concen: 41.65 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

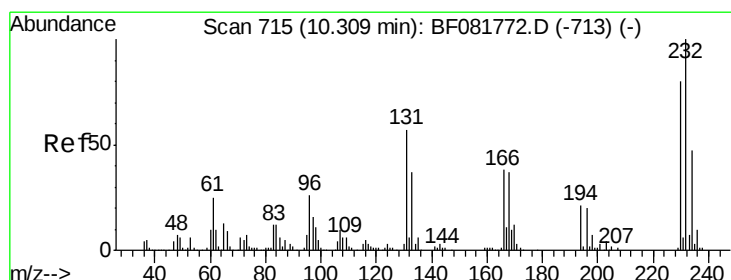
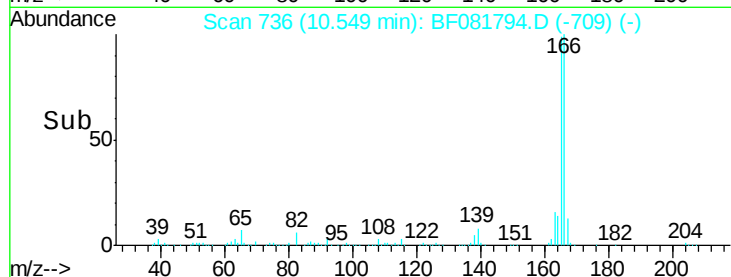
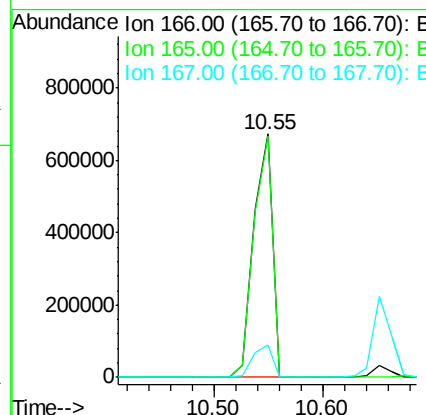
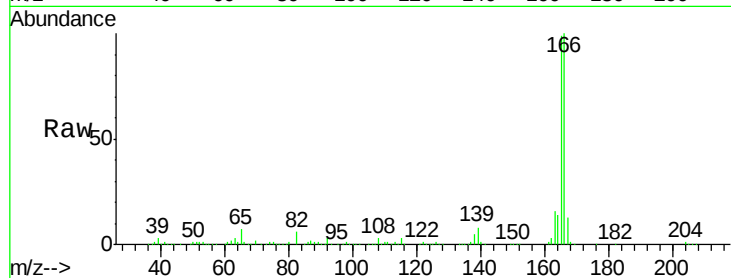
ClientSampleId :

SP-1MSDRE

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	806339		
165	99.2	72.6	109.0	
167	13.1	10.6	16.0	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.93 ng

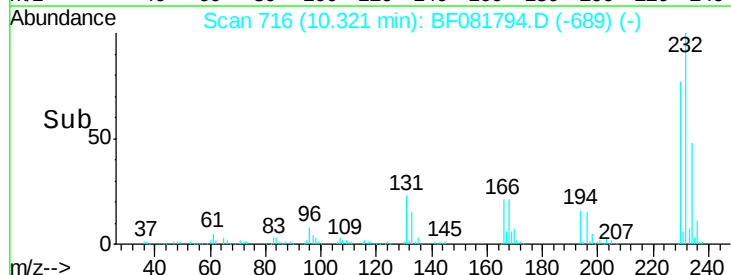
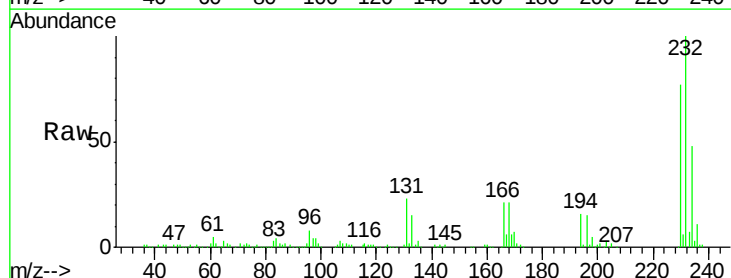
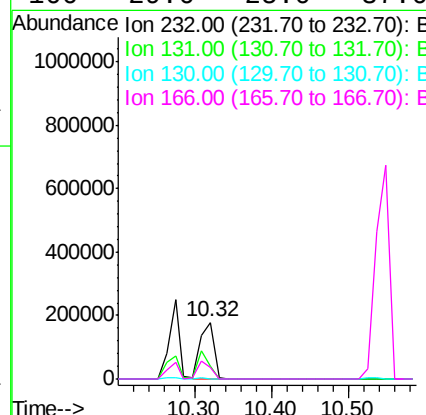
RT: 10.32 min Scan# 716

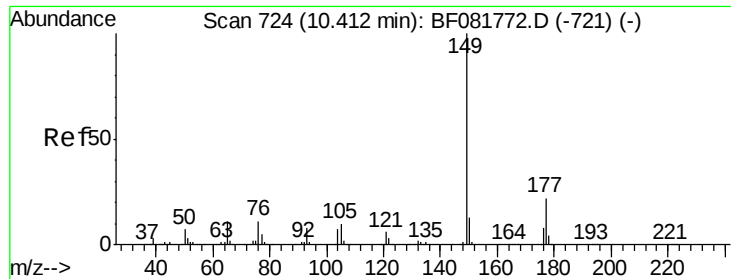
Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	225493		
131	41.8	38.5	57.7	
130	1.9	1.8	2.6	
166	29.6	25.0	37.6	





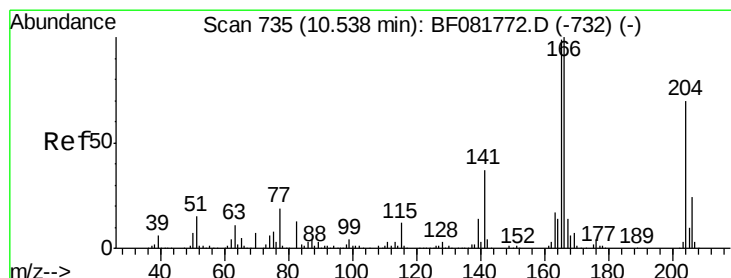
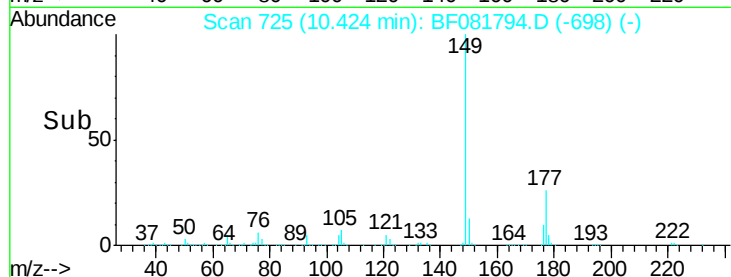
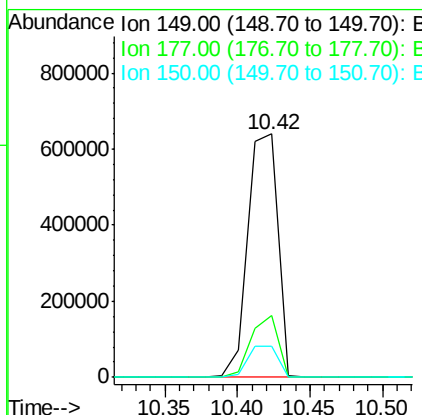
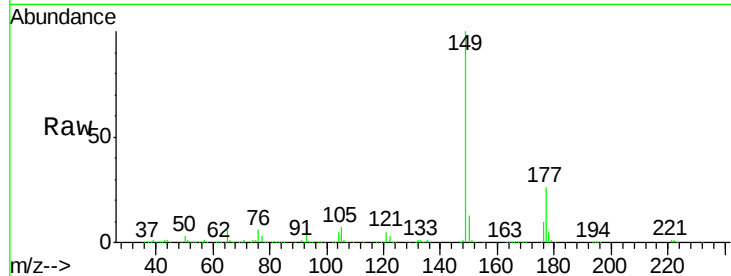
#59
Diethylphthalate
Concen: 44.45 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	918356		
177	25.6	17.5	26.3	
150	12.5	9.4	14.2	

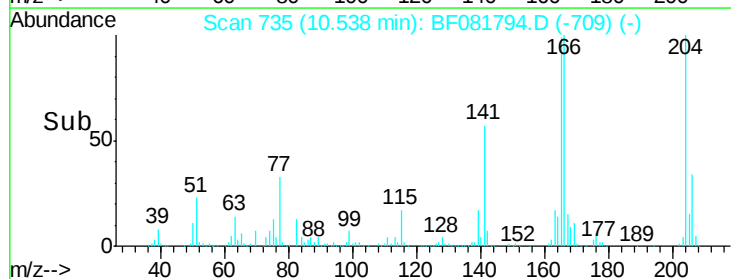
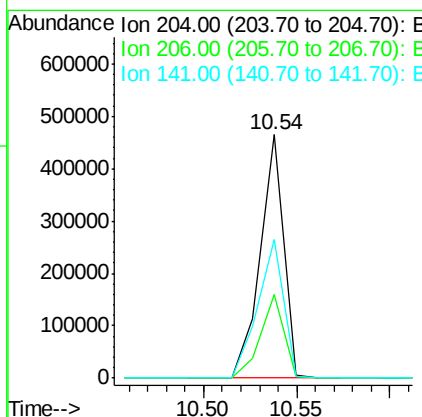
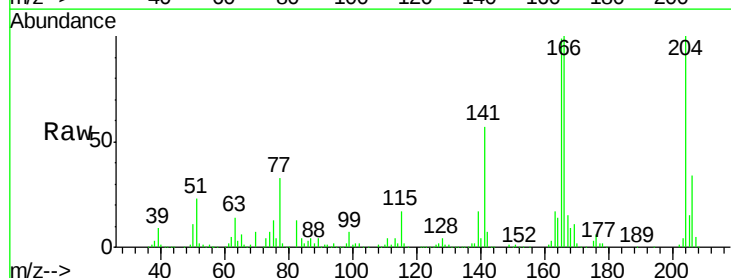
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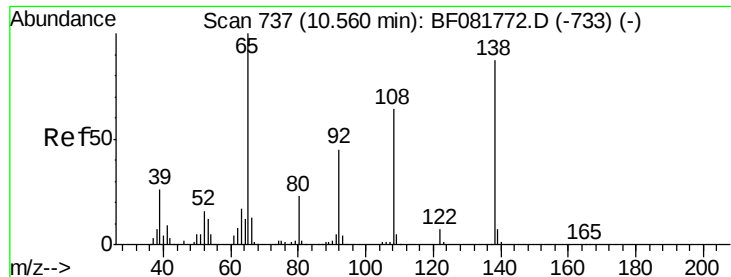
MMDadoda
9/25/2015 3:37:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.27 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	402329		
206	34.5	24.8	37.2	
141	57.2	42.2	63.4	





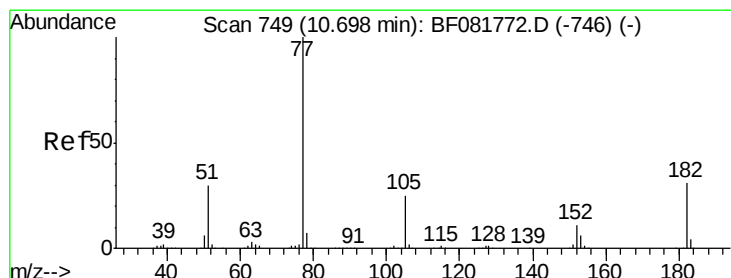
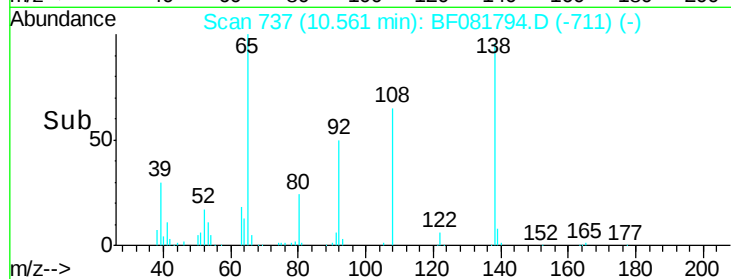
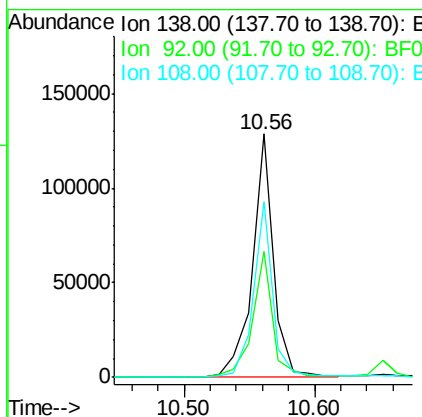
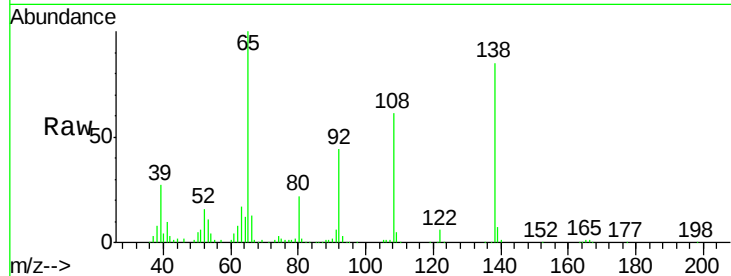
#61
4-Nitroaniline
Concen: 33.45 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	51.7	12.6	52.6
108	72.2	12.4	52.4

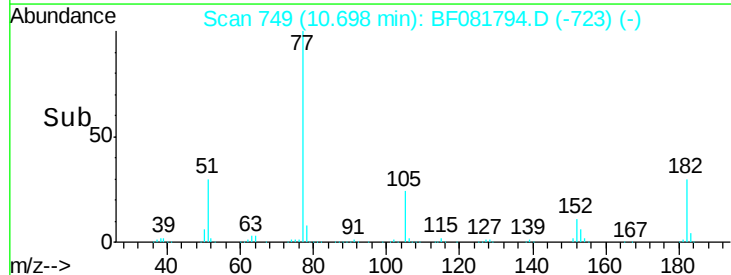
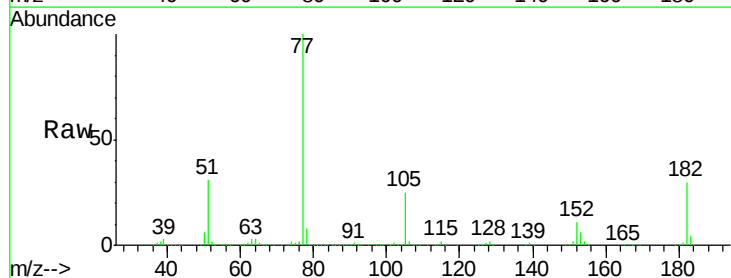
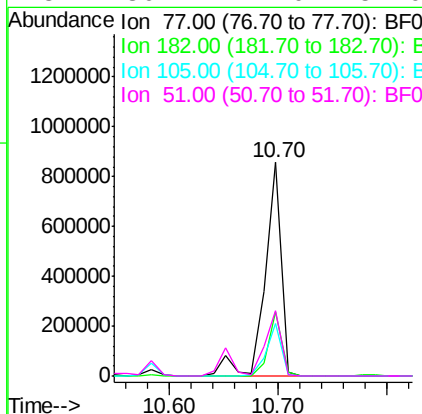
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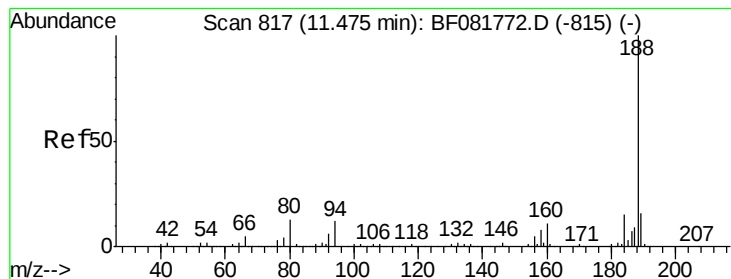
MMDadoda
9/25/2015 3:37:01 PM



#62
Azobenzene
Concen: 43.14 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	30.0	15.1	55.1
105	24.6	3.4	43.4
51	30.7	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

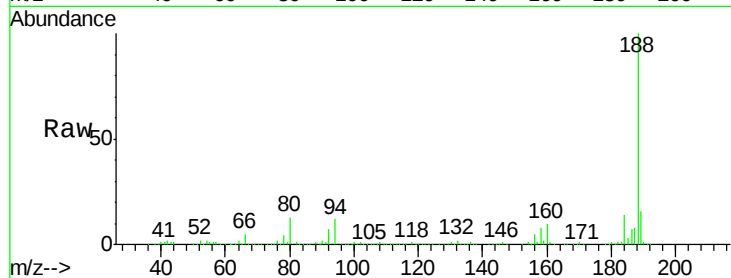
ClientSampleId :

SP-1MSDRE

Tgt Ion:	188	Resp:	485531
Ion Ratio	Lower	Upper	
188	100		
94	11.9	11.1	16.7
80	12.8	11.0	16.4

Manual Integrations
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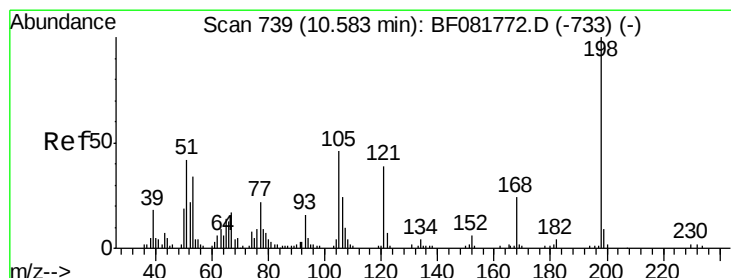
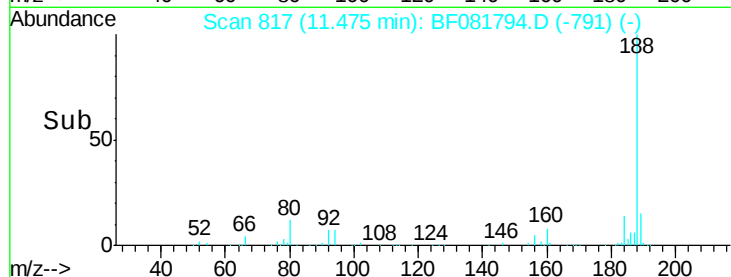
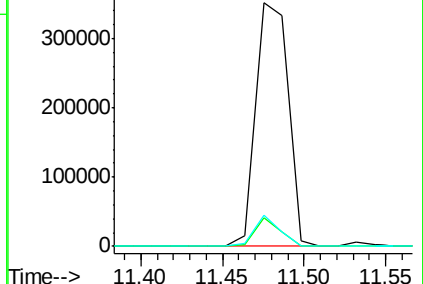
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 63.31 ng

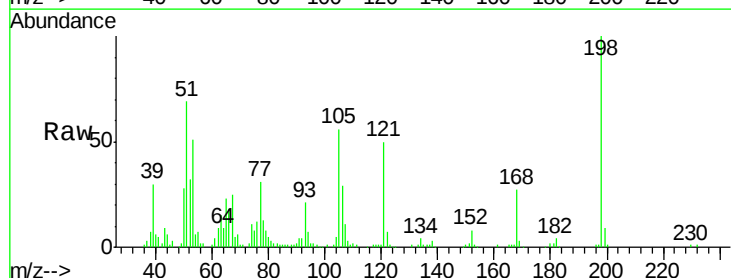
RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

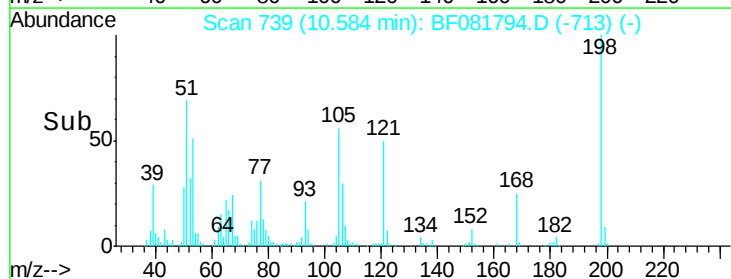
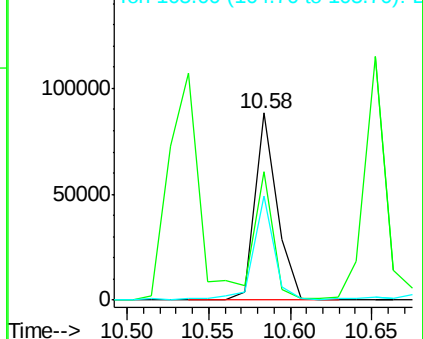
Tgt Ion:	198	Resp:	83895
Ion Ratio	Lower	Upper	
198	100		
51	68.8	39.6	79.6
105	56.0	28.5	68.5

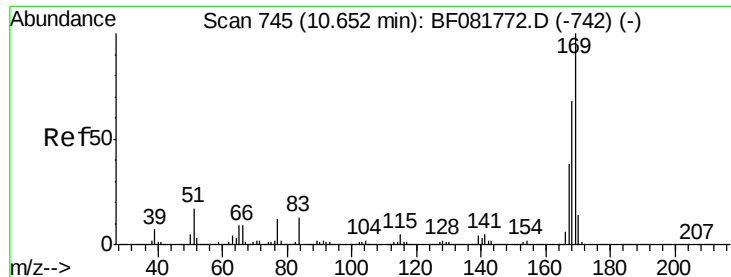


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.77 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

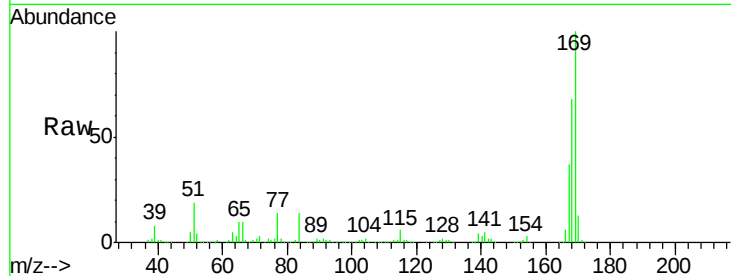
ClientSampleId :

SP-1MSDRE

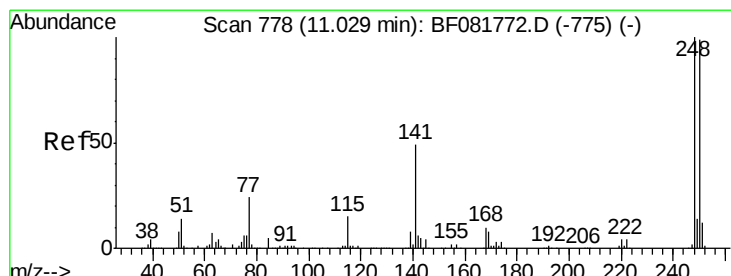
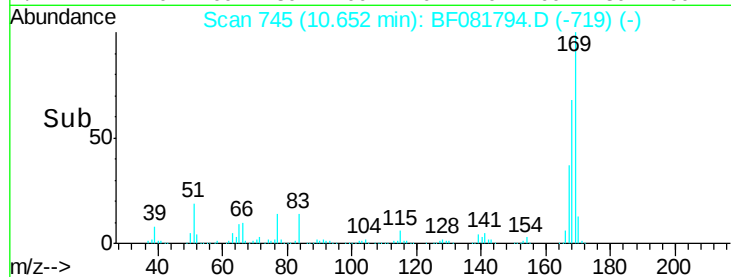
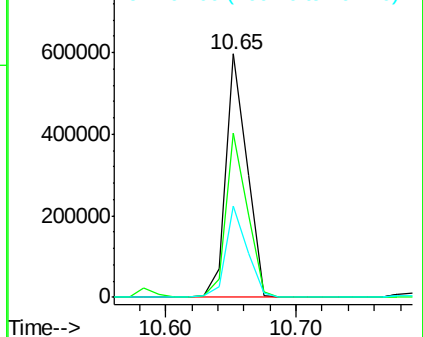
Tgt Ion:	169	Resp:	667484
Ion Ratio		Lower	Upper
169	100		
168	67.6	48.9	73.3
167	37.4	26.2	39.4

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



#66

4-Bromophenyl-phenylether

Concen: 49.19 ng

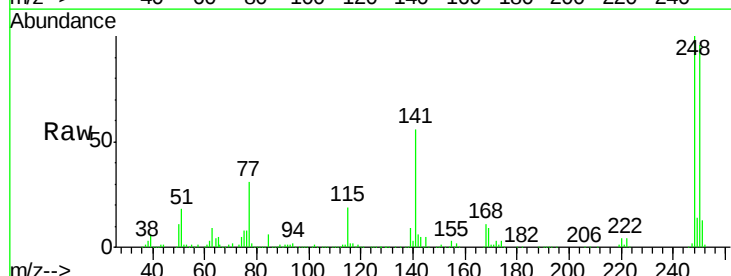
RT: 11.03 min Scan# 778

Delta R.T. 0.00 min

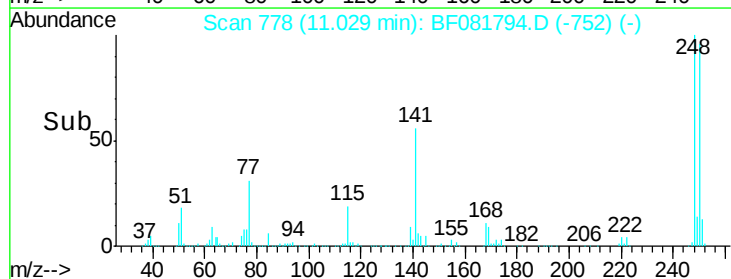
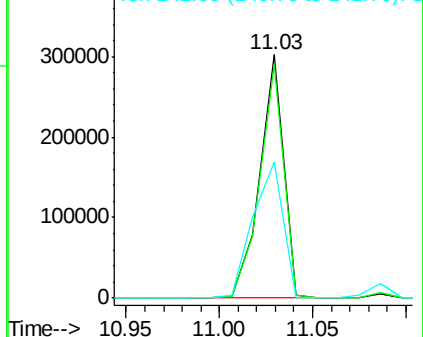
Lab File: BF081794.D

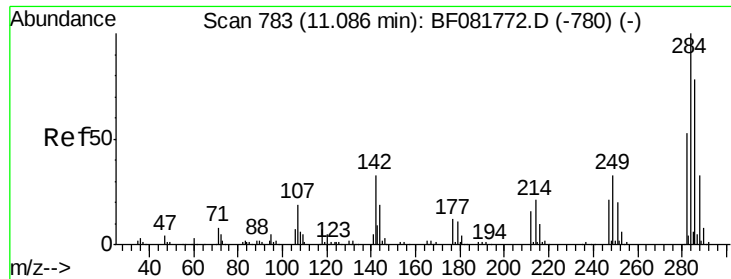
Acq: 25 Sep 2015 8:09

Tgt Ion:	248	Resp:	265911
Ion Ratio		Lower	Upper
248	100		
250	95.8	78.5	117.7
141	56.0	59.0	88.6#



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





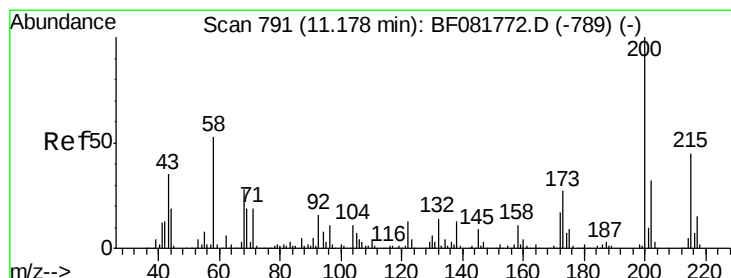
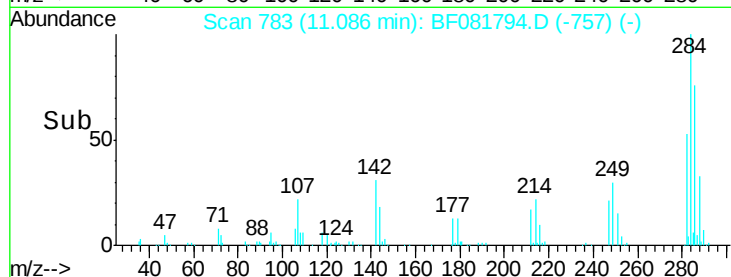
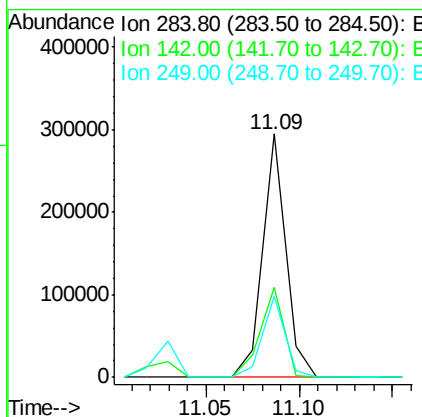
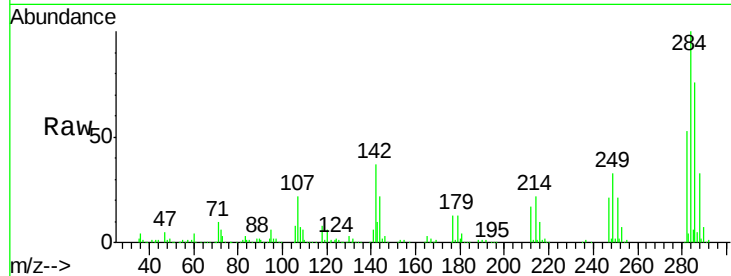
#67
Hexachlorobenzene
Concen: 44.60 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.8	29.5	44.3
249	33.1	19.5	29.3

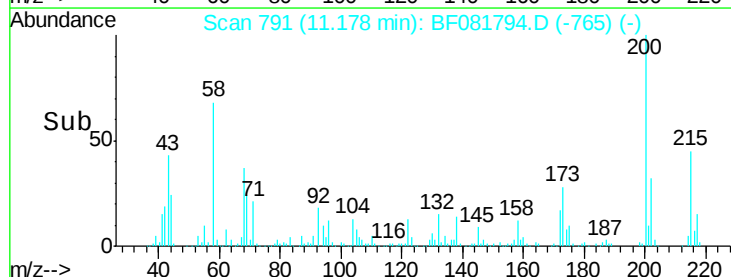
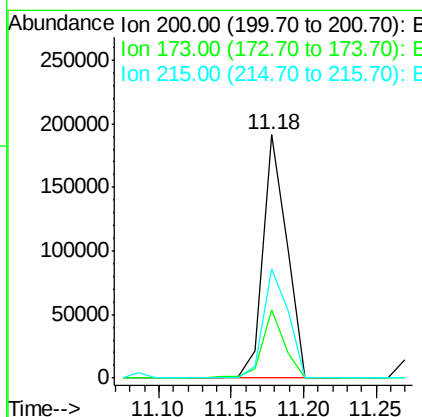
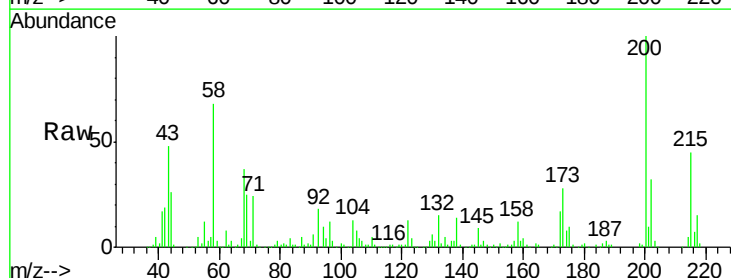
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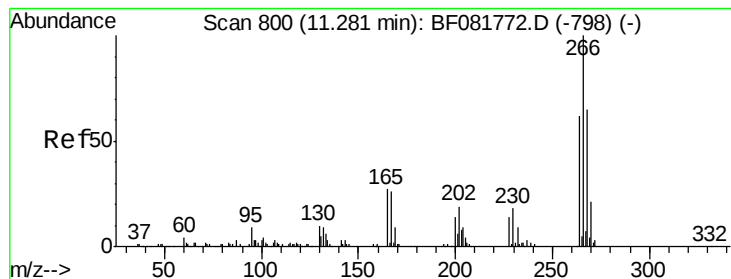
MMDadoda
9/25/2015 3:37:01 PM



#68
Atrazine
Concen: 44.19 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	13.2	53.2
215	45.0	41.8	81.8





#69

Pentachlorophenol

Concen: 89.40 ng

RT: 11.28 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

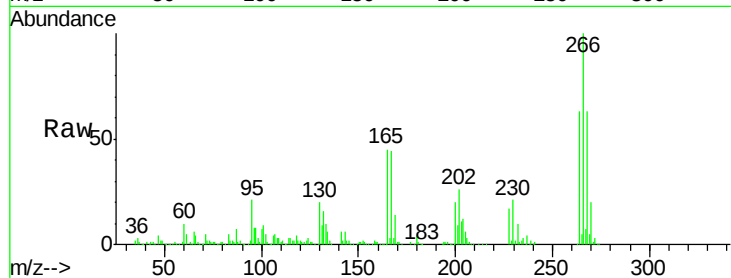
ClientSampleId :

SP-1MSDRE

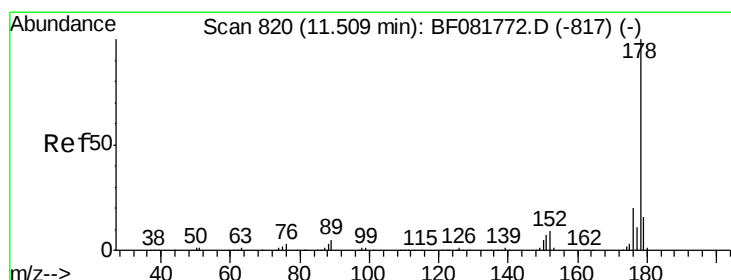
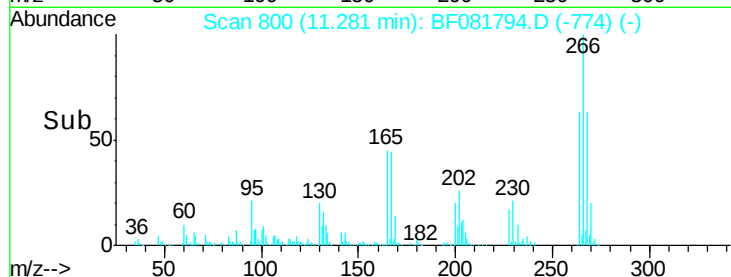
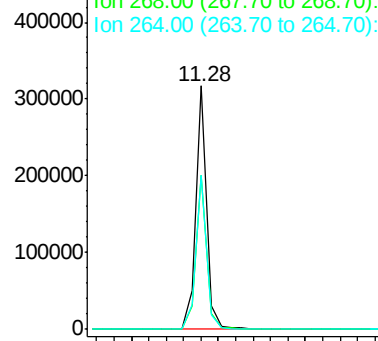
Tgt Ion:	266	Resp:	281003
Ion Ratio		Lower	Upper
266	100		
268	63.1	49.8	74.6
264	63.2	50.2	75.2

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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: 51.94 ng m

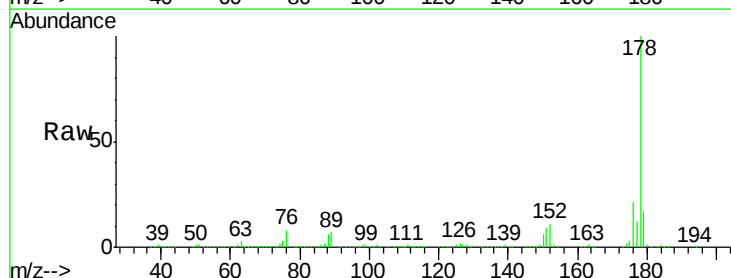
RT: 11.51 min Scan# 820

Delta R.T. 0.00 min

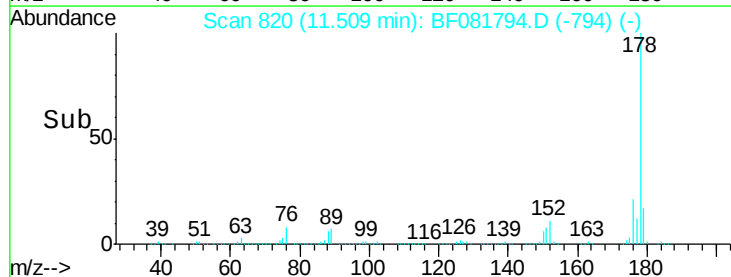
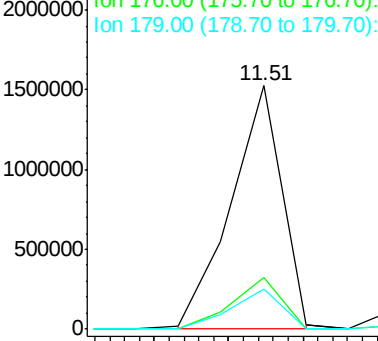
Lab File: BF081794.D

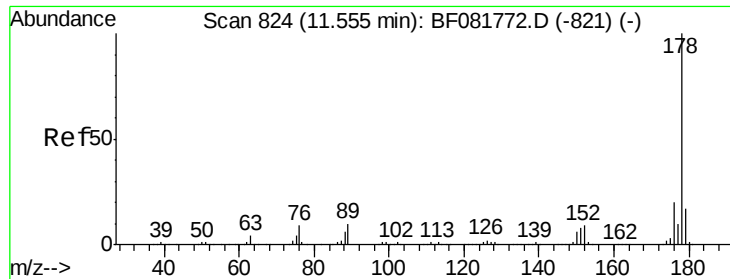
Acq: 25 Sep 2015 8:09

Tgt Ion:	178	Resp:	1441725
Ion Ratio		Lower	Upper
178	100		
176	21.3	13.8	20.8#
179	16.5	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





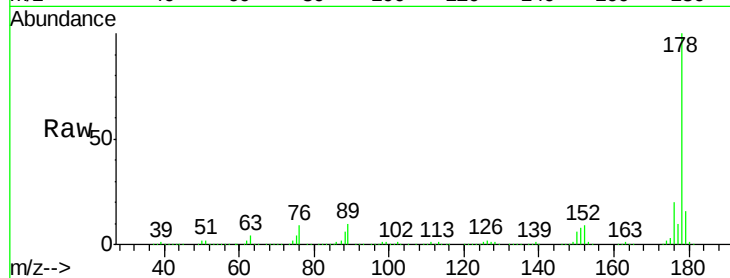
#71
 Anthracene
 Concen: 40.24 ng
 RT: 11.56 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

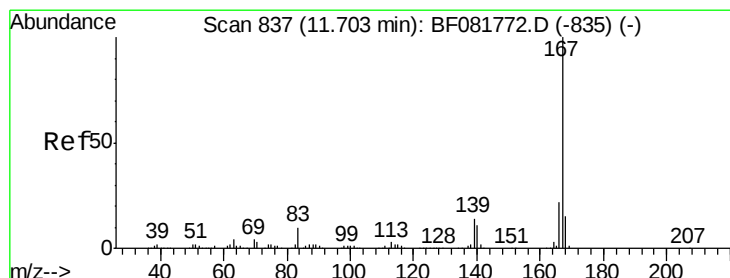
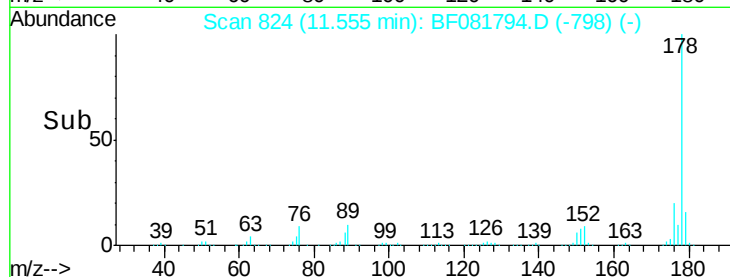
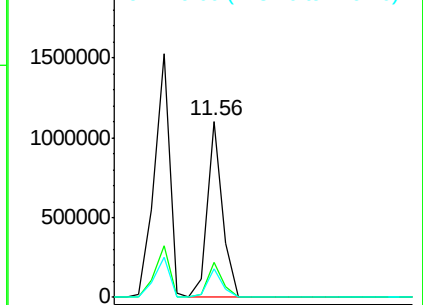
Tgt Ion:178 Resp: 1076307
 Ion Ratio Lower Upper
 178 100
 176 20.0 14.1 21.1
 179 16.2 12.2 18.2

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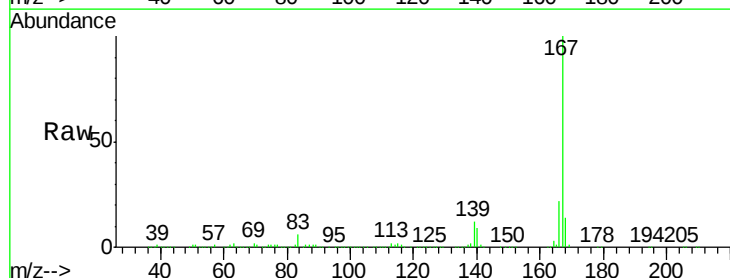


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

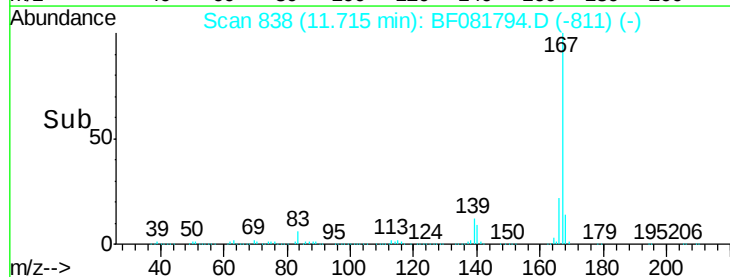
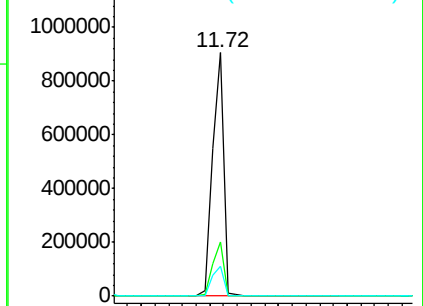


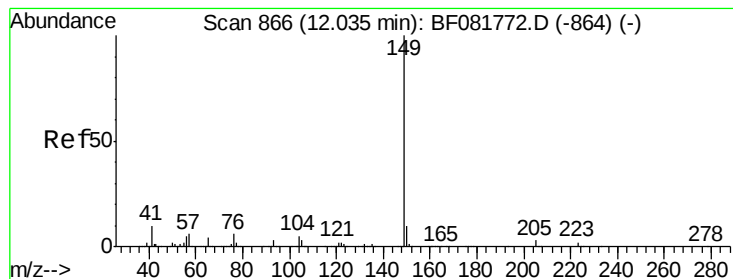
#72
 Carbazole
 Concen: 41.90 ng
 RT: 11.72 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion:167 Resp: 1040375
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 12.0 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 42.96 ng

RT: 12.04 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

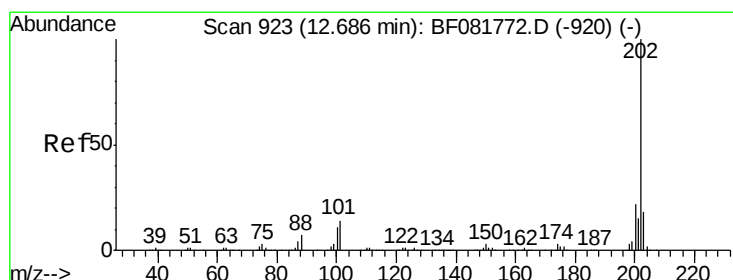
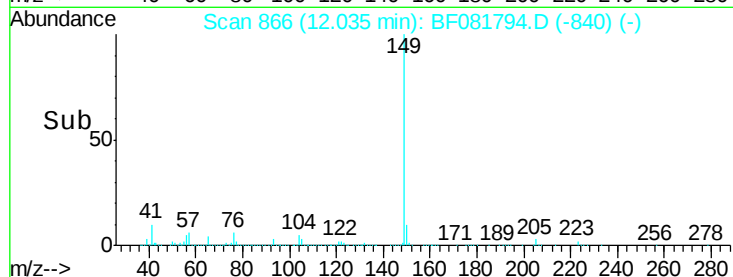
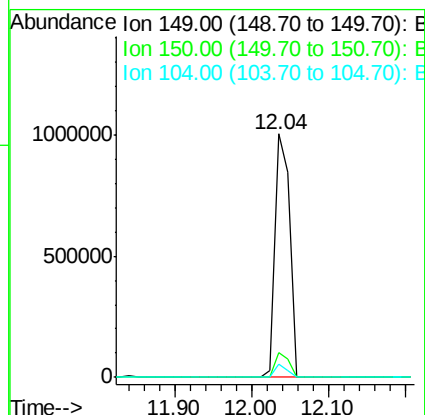
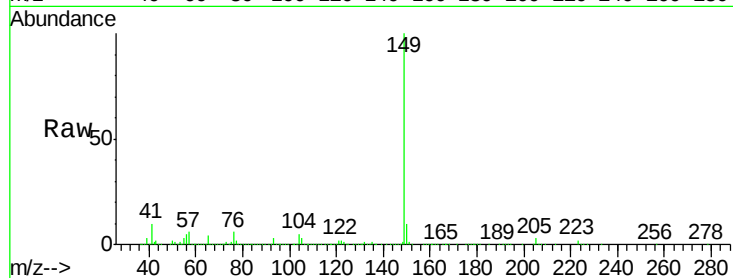
ClientSampled :

SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	5.5	2.4	3.6

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#74

Fluoranthene

Concen: 51.30 ng

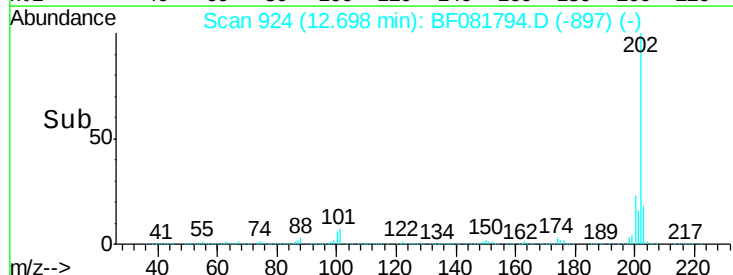
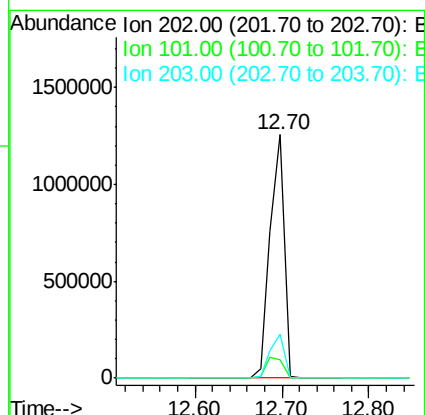
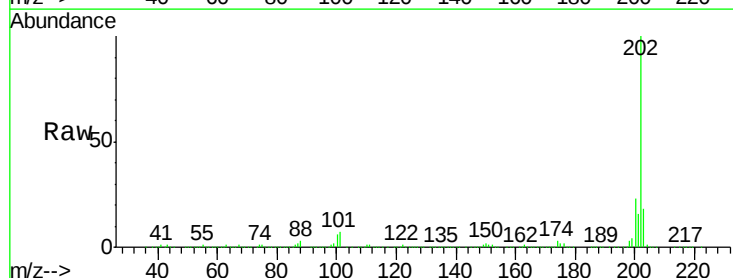
RT: 12.70 min Scan# 924

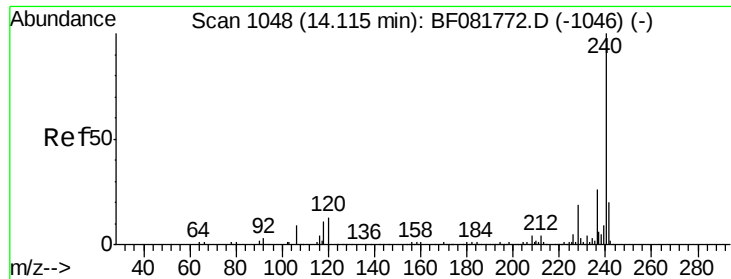
Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	38.3
203	18.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

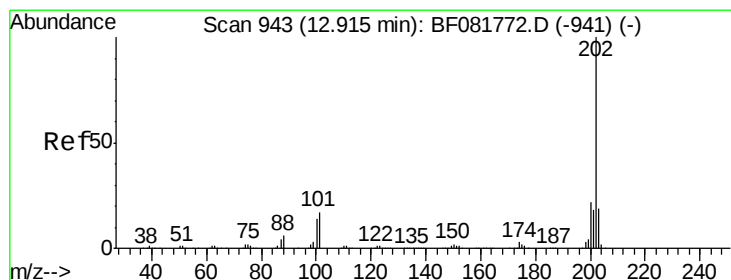
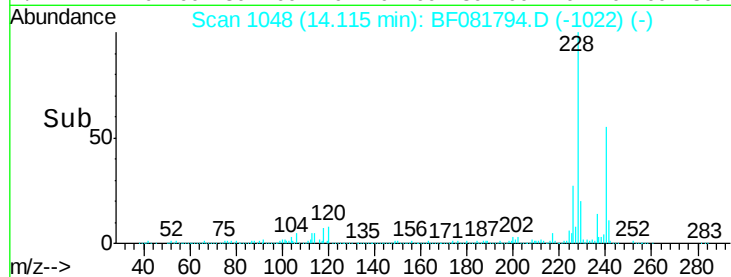
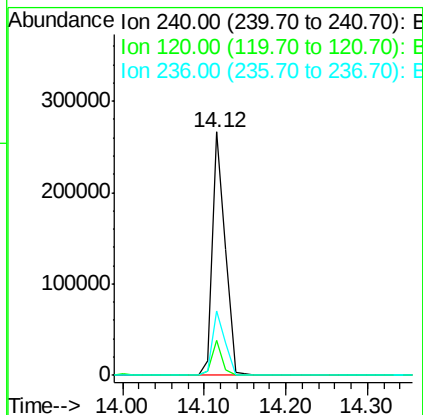
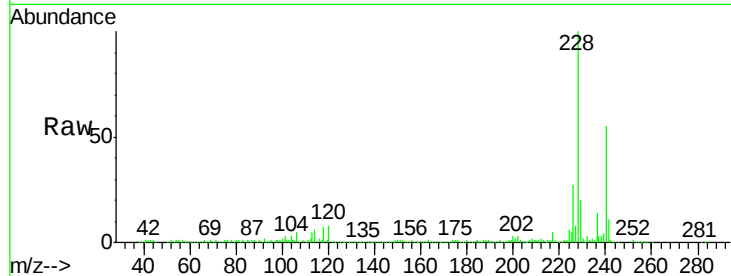
ClientSampleId :

SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	16.2	24.2#
236	26.4	18.4	27.6

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#77

Pyrene

Concen: 59.20 ng

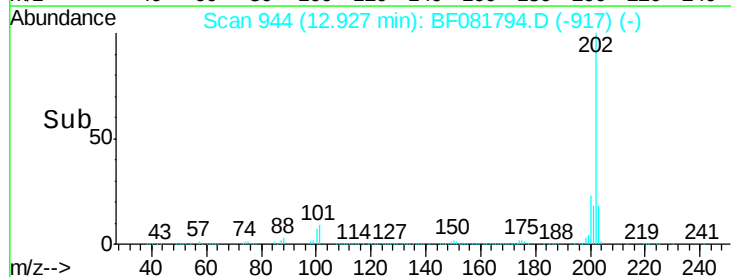
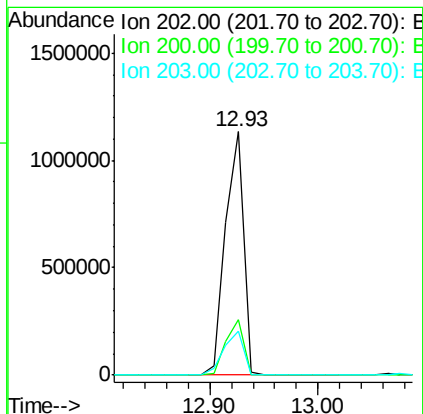
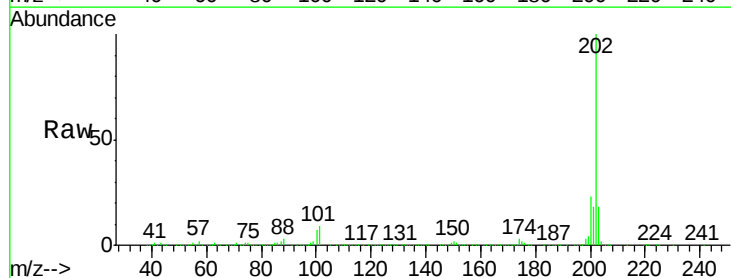
RT: 12.93 min Scan# 944

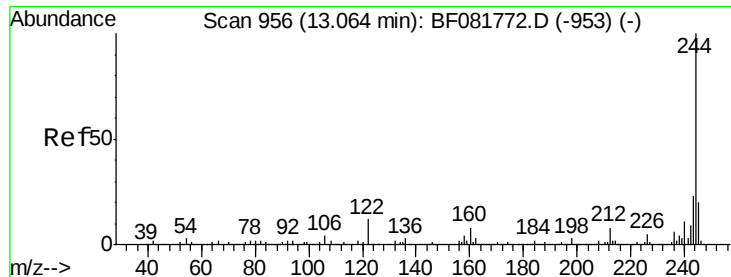
Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	15.0	22.4#
203	18.2	14.1	21.1





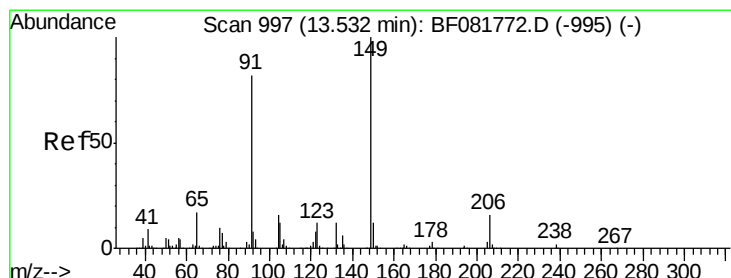
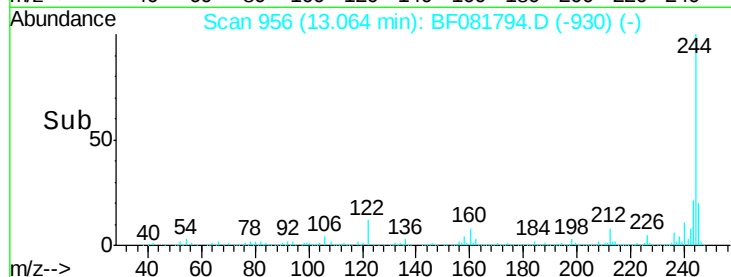
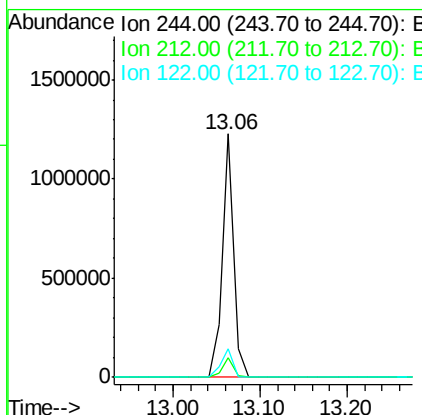
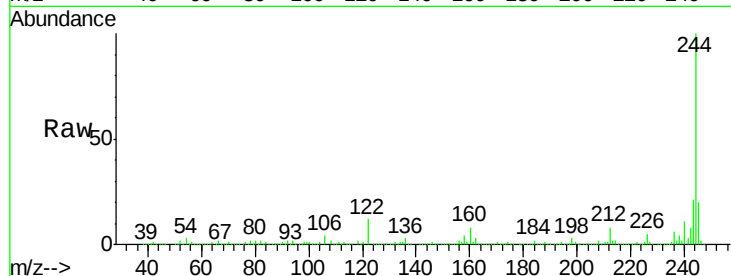
#78
 Terphenyl-d14
 Concen: 88.12 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.7	17.4	26.2#

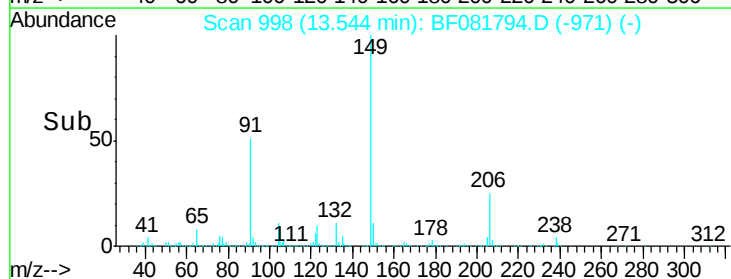
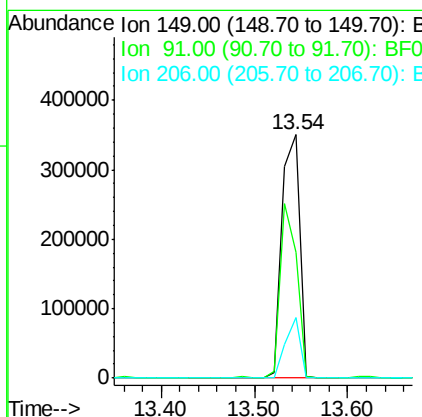
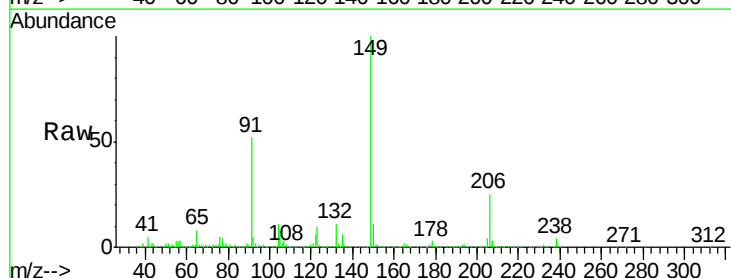
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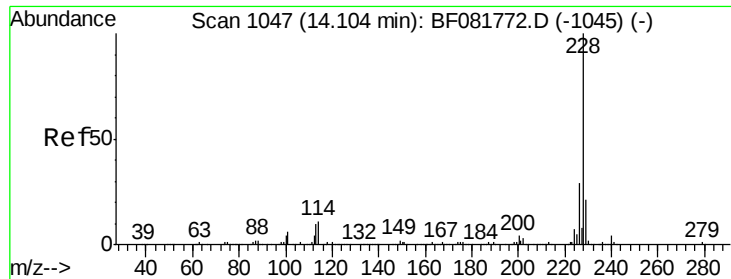
MMDadoda
 9/25/2015 3:37:01 PM



#79
 Butylbenzylphthalate
 Concen: 51.61 ng
 RT: 13.54 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF081794.D
 Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	51.5	48.6	72.8
206	24.9	14.9	22.3#





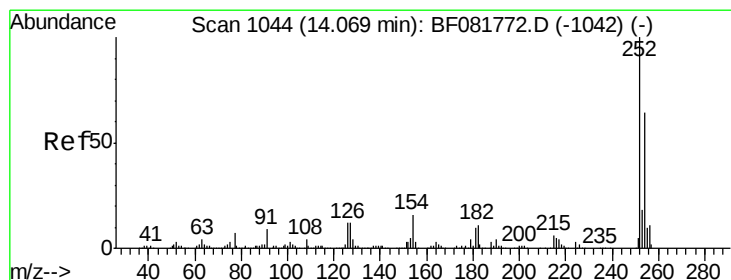
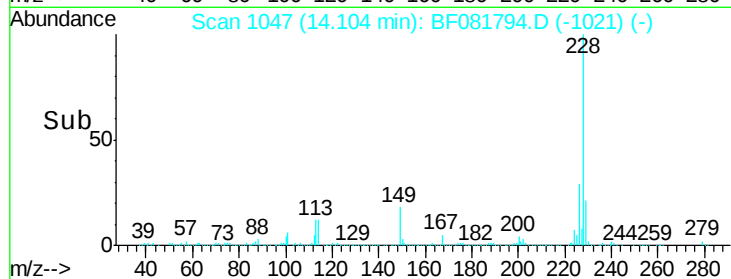
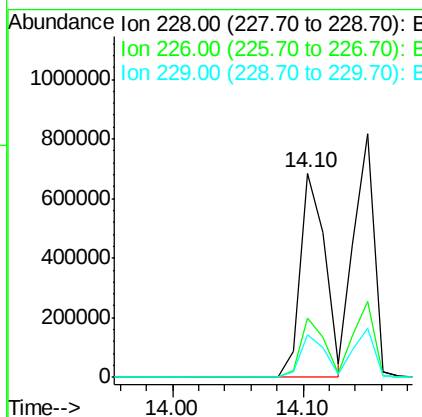
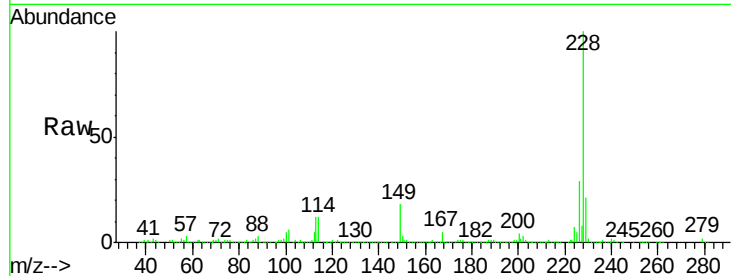
#80
Benzo(a)anthracene
Concen: 50.43 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	20.8	15.4	23.2

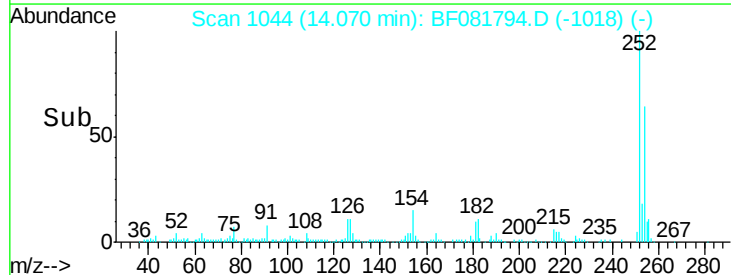
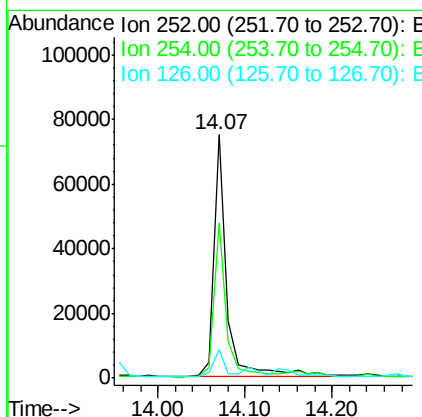
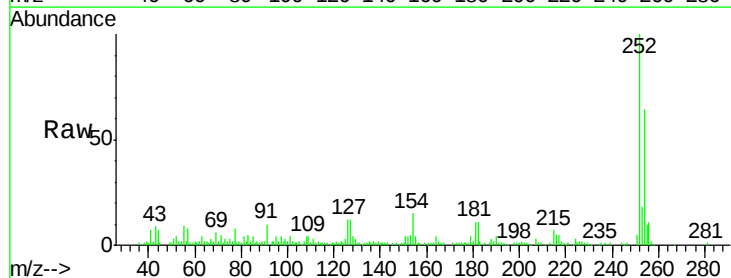
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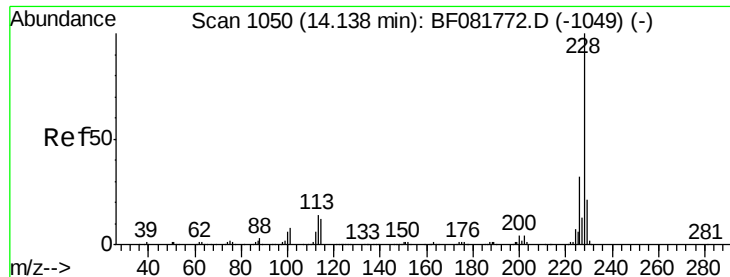
MMDadoda
9/25/2015 3:37:01 PM



#81
3,3'-Dichlorobenzidine
Concen: 14.03 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.2
126	11.7	16.4	24.6





#82

Chrysene

Concen: 51.46 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

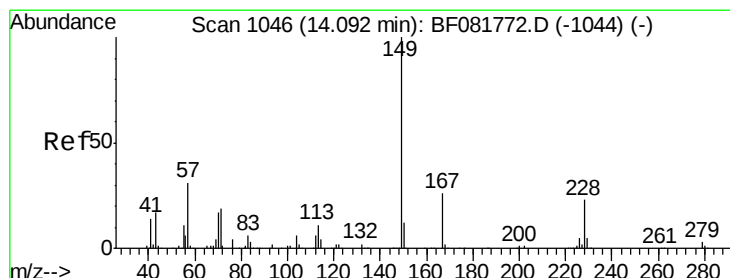
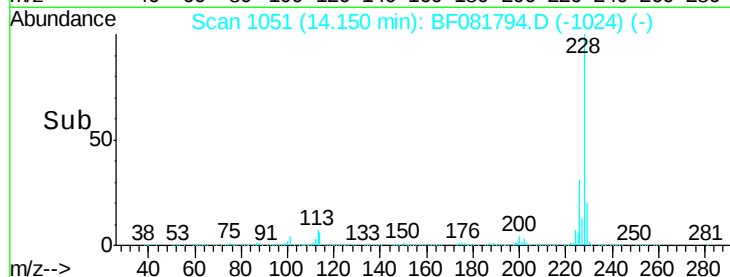
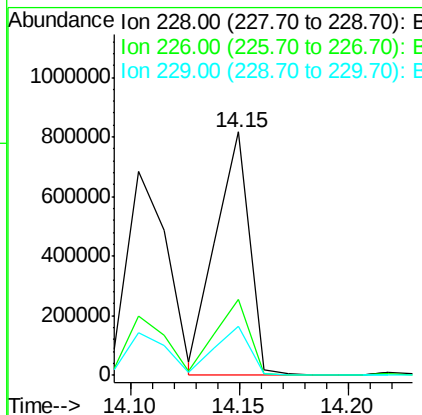
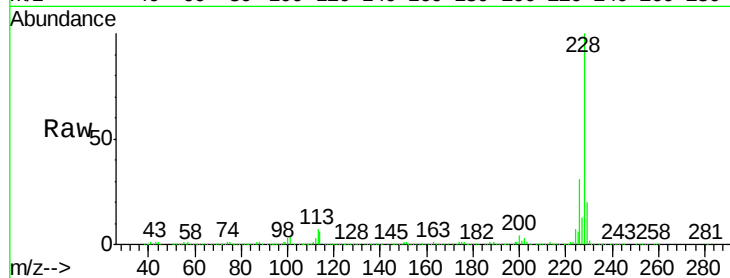
ClientSampleId :

SP-1MSDRE

Tgt Ion:	228	Resp:	877467
Ion Ratio		Lower	Upper
228	100		
226	31.4	21.0	31.4
229	20.2	15.6	23.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 54.64 ng

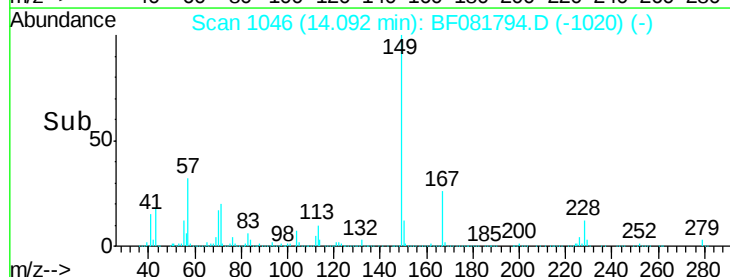
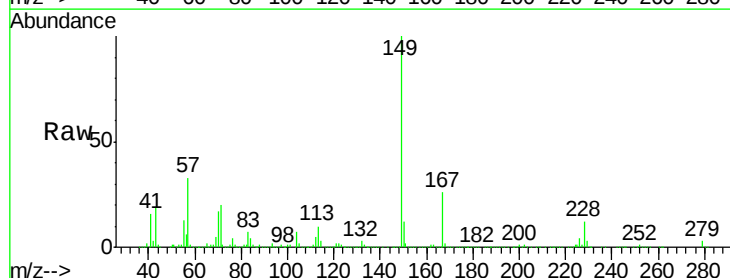
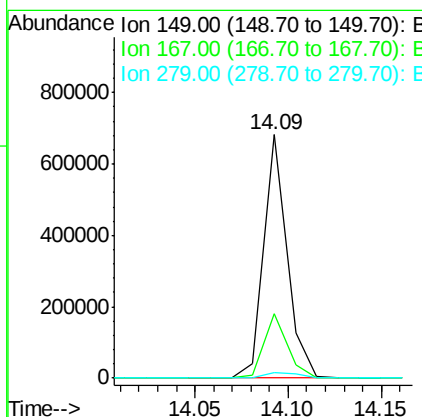
RT: 14.09 min Scan# 1046

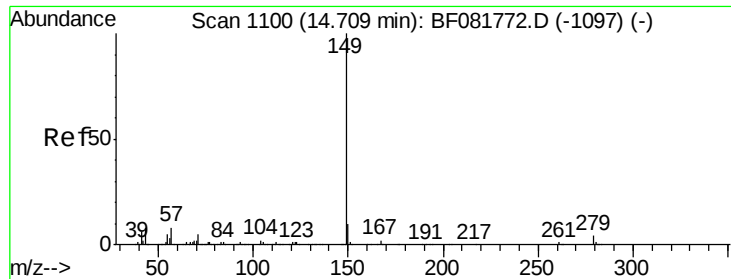
Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Tgt Ion:	149	Resp:	583663
Ion Ratio		Lower	Upper
149	100		
167	26.2	24.2	36.2
279	2.5	3.8	5.6#





#84

Di-n-octyl phthalate

Concen: 63.51 ng

RT: 14.71 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF081794.D

Acq: 25 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

SP-1MSDRE

Tgt Ion:149 Resp: 997630
Ion Ratio Lower Upper

149 100

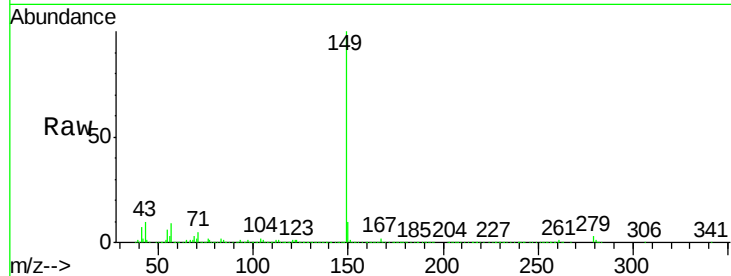
167 1.6 1.0 1.6#

43 10.0 10.2 15.2#

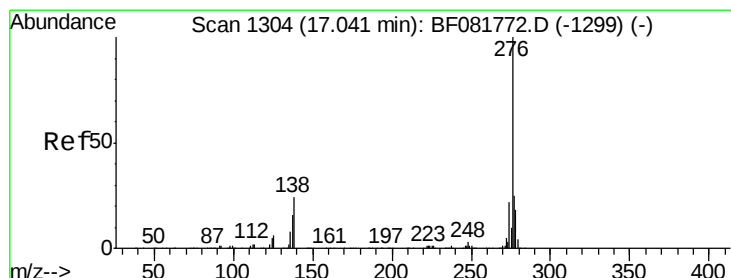
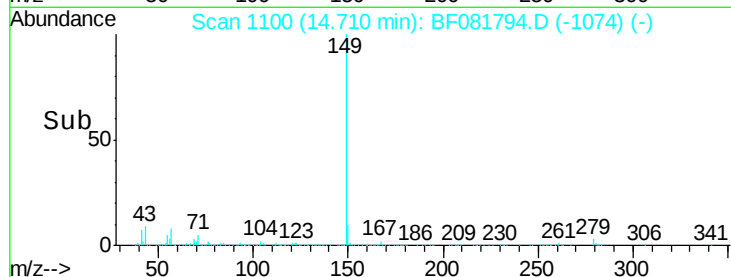
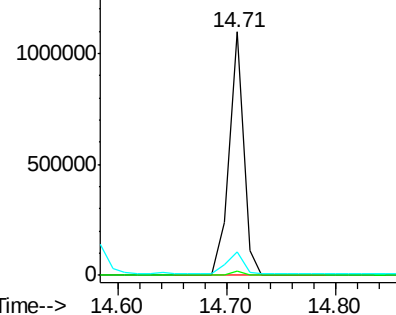
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 62.37 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF081794.D

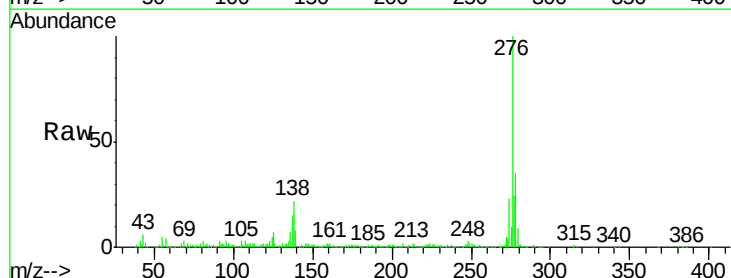
Acq: 25 Sep 2015 8:09

Tgt Ion:276 Resp: 973620
Ion Ratio Lower Upper

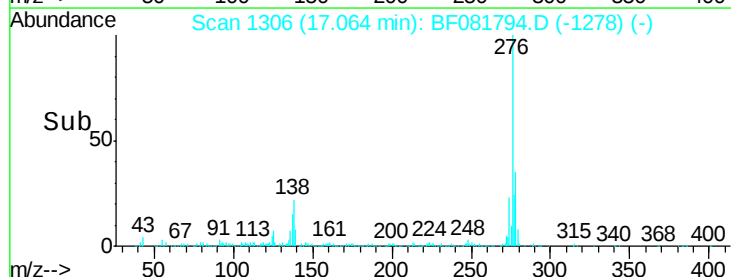
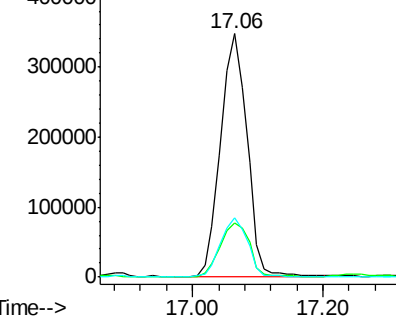
276 100

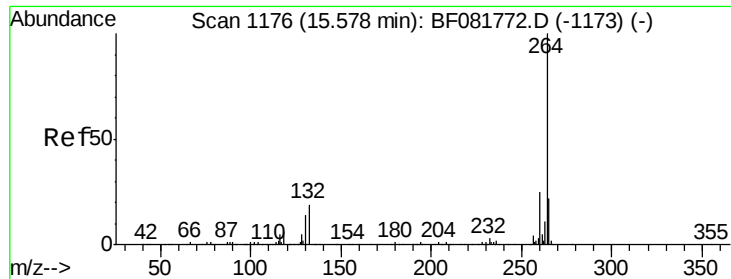
138 24.5 25.7 38.5#

277 25.2 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E
400000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





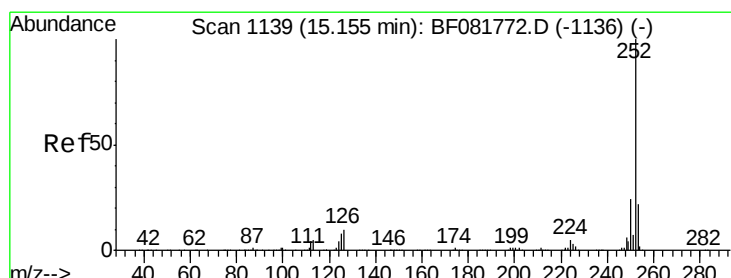
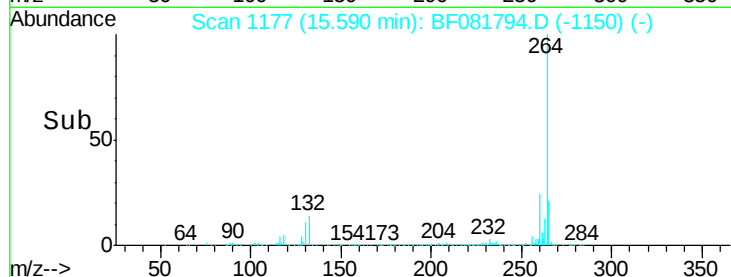
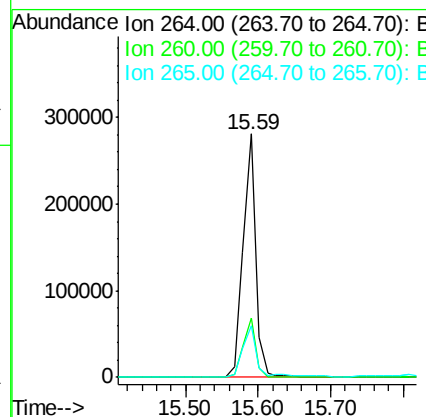
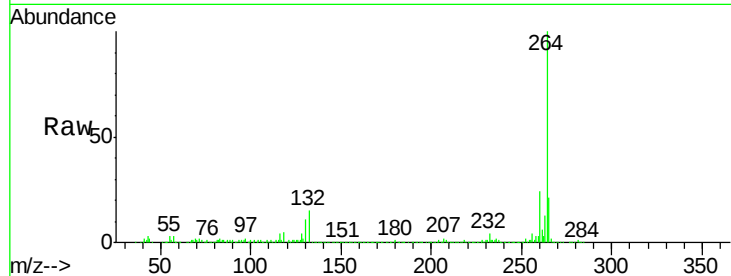
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.3	17.2	25.8

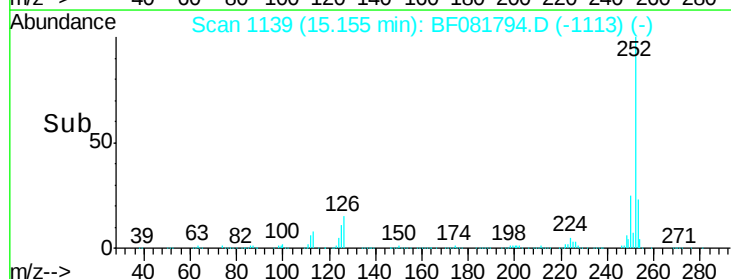
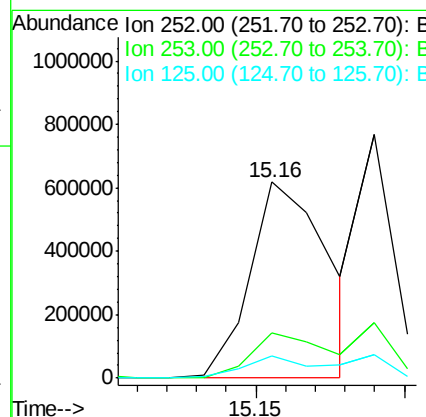
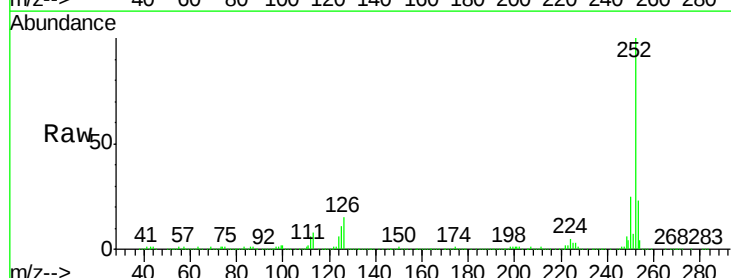
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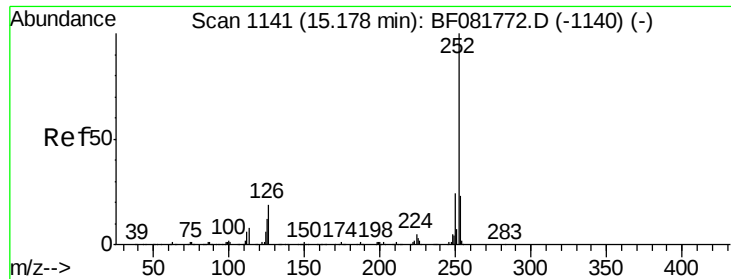
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#87
Benzo(b)fluoranthene
Concen: 55.42 ng m
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.3	17.1	25.7#





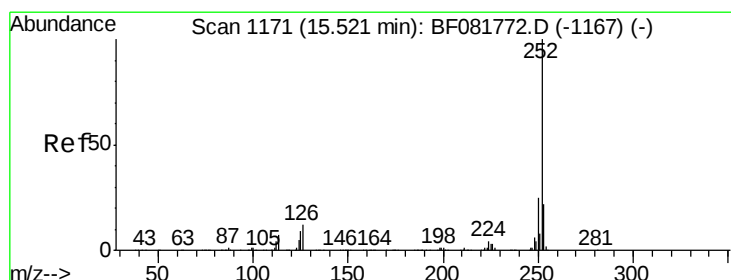
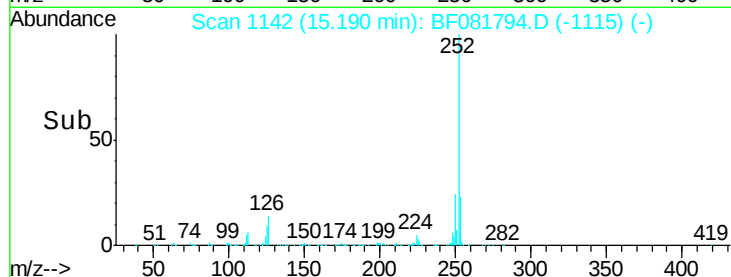
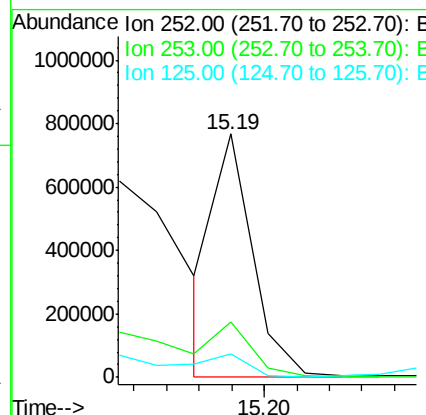
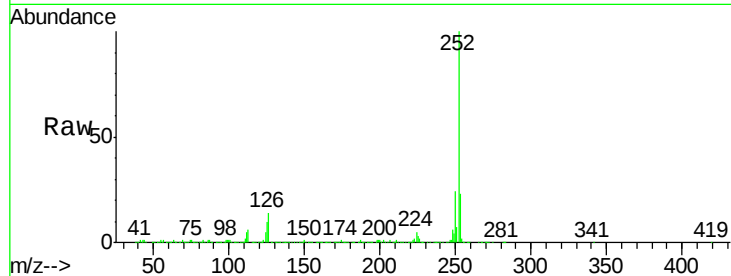
#88
Benzo(k)fluoranthene
Concen: 32.51 ng m
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	9.7	16.0	24.0

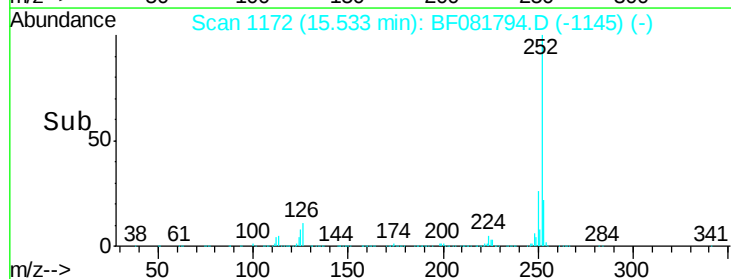
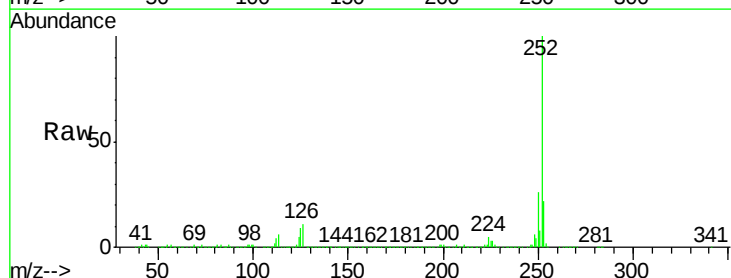
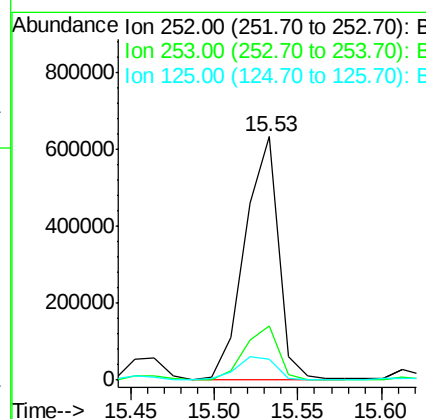
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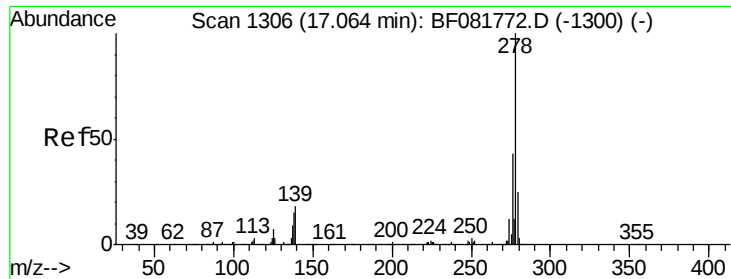
MMDadoda
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#89
Benzo(a)pyrene
Concen: 48.33 ng m
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	8.7	18.0	27.0





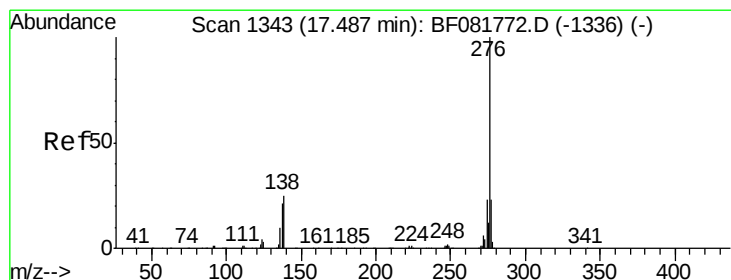
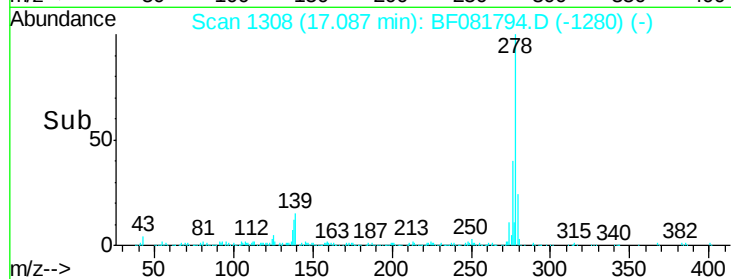
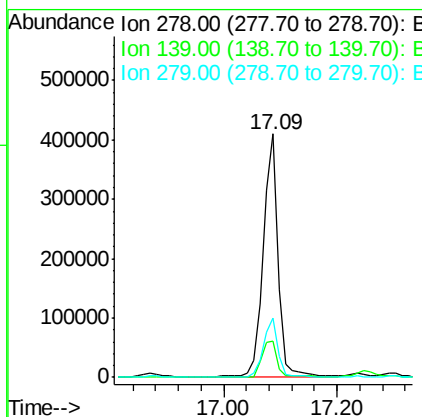
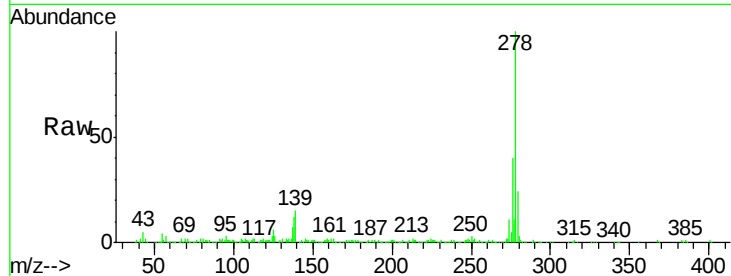
#90
Dibenzo(a,h)anthracene
Concen: 39.49 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :
SP-1MSDRE

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	26.3	39.5#
279	24.3	18.2	27.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 40.77 ng
RT: 17.52 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF081794.D
Acq: 25 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.8	26.6
138	19.5	34.6	51.8#

