

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081640.D
 Acq On : 15 Sep 2015 21:38
 Operator : UM/IZ
 Sample : G3612-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 1:24:13 PM

Quant Time: Sep 16 04:47:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	51857	20.00	ng	0.00
21) Naphthalene-d8	11.12	136	206584	20.00	ng	0.00
38) Acenaphthene-d10	15.26	164	94102	20.00	ng	0.00
63) Phenanthrene-d10	18.77	188	170079	20.00	ng	0.01
75) Chrysene-d12	23.38	240	109955	20.00	ng	0.00
86) Perylene-d12	24.82	264	84003	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	424677	127.06	ng	0.03
7) Phenol-d6	7.66	99	593178	134.08	ng	0.01
23) Nitrobenzene-d5	9.52	82	391630	91.46	ng	-0.01
41) 2,4,6-Tribromophenol	17.17	330	110043	131.33	ng	0.00
44) 2-Fluorobiphenyl	13.77	172	612804	83.45	ng	0.00
78) Terphenyl-d14	22.12	244	449996	95.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.61	88	46540m	31.00	ng	
3) Pyridine	2.11	79	145053	35.04	ng	# 74
4) n-Nitrosodimethylamine	2.09	42	106812	46.45	ng	# 60
6) Aniline	7.52	93	106803	17.10	ng	# 82
8) 2-Chlorophenol	7.77	128	158857	43.13	ng	# 78
9) Benzaldehyde	7.23	77	87407	31.53	ng	# 75
10) Phenol	7.68	94	223519	43.57	ng	# 55
11) bis(2-Chloroethyl)ether	7.76	93	172041	46.48	ng	# 67
12) 1,3-Dichlorobenzene	8.07	146	162122	41.20	ng	# 89
13) 1,4-Dichlorobenzene	8.25	146	164562	41.07	ng	# 88
14) 1,2-Dichlorobenzene	8.57	146	159749	44.28	ng	# 88
15) Benzyl Alcohol	8.66	79	164288	45.27	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.98	45	363124	51.18	ng	90
17) 2-Methylphenol	9.01	107	130794	44.51	ng	# 80
18) Hexachloroethane	9.31	117	62676	40.21	ng	# 85
19) n-Nitroso-di-n-propylamine	9.29	70	139177	46.22	ng	# 90
20) 3+4-Methylphenols	9.38	107	174884	44.14	ng	84
22) Acetophenone	9.20	105	249095	44.15	ng	# 73
24) Nitrobenzene	9.57	77	200583	45.11	ng	# 65
25) Isophorone	10.16	82	356528	44.77	ng	# 85
26) 2-Nitrophenol	10.30	139	80009	41.28	ng	# 37
27) 2,4-Dimethylphenol	10.57	122	145647	43.51	ng	# 72
28) bis(2-Chloroethoxy)methane	10.75	93	213861	46.49	ng	# 90
29) 2,4-Dichlorophenol	10.91	162	130510	44.96	ng	91
30) 1,2,4-Trichlorobenzene	11.03	180	137032	43.46	ng	98
31) Naphthalene	11.17	128	477521	43.34	ng	99
32) Benzoic acid	10.96	122	13238m	7.79	ng	
33) 4-Chloroaniline	11.41	127	49354	10.98	ng	# 84
34) Hexachlorobutadiene	11.52	225	87764	45.73	ng	99
35) Caprolactam	12.33	113	37633m	42.27	ng	
36) 4-Chloro-3-methylphenol	12.74	107	155305	47.80	ng	# 79
37) 2-Methylnaphthalene	12.82	142	311691	43.47	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	135953	45.68	ng	98
40) Hexachlorocyclopentadiene	13.21	237	34848	23.86	ng	97

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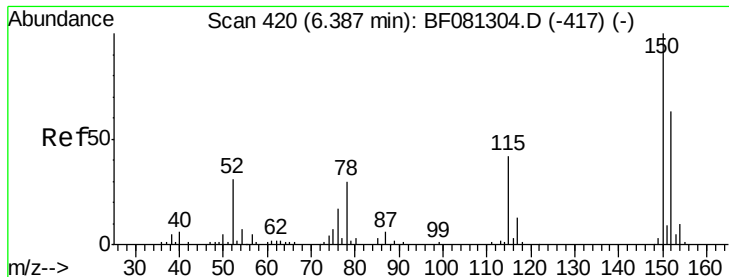
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	90494	44.06	ng	99
43) 2,4,5-Trichlorophenol	13.69	196	95032	45.35	ng #	90
45) 1,1'-Biphenyl	13.97	154	375111	43.33	ng	95
46) 2-Chloronaphthalene	13.96	162	273718	43.78	ng #	86
47) 2-Nitroaniline	14.31	65	116812	45.84	ng #	64
48) Acenaphthylene	14.92	152	461120	41.57	ng	98
49) Dimethylphthalate	14.86	163	517265	70.75	ng #	96
50) 2,6-Dinitrotoluene	14.95	165	67718	40.81	ng #	35
51) Acenaphthene	15.34	154	260740	41.32	ng	90
52) 3-Nitroaniline	15.30	138	45976	24.34	ng #	53
53) 2,4-Dinitrophenol	15.60	184	15154	23.12	ng #	19
54) Dibenzofuran	15.76	168	407404	44.22	ng #	85
55) 4-Nitrophenol	15.93	139	95109	80.14	ng #	3
56) 2,4-Dinitrotoluene	15.90	165	90732	42.94	ng #	53
57) Fluorene	16.57	166	313222	44.80	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.13	232	72014m	45.02	ng	
59) Diethylphthalate	16.55	149	369794	48.08	ng	95
60) 4-Chlorophenyl-phenylether	16.66	204	153228	47.02	ng #	84
61) 4-Nitroaniline	16.78	138	60189	31.54	ng #	31
62) Azobenzene	17.03	77	394530	46.14	ng	83
64) 4,6-Dinitro-2-methylphenol	16.87	198	20941	22.01	ng	87
65) n-Nitrosodiphenylamine	16.98	169	274518	44.36	ng	93
66) 4-Bromophenyl-phenylether	17.81	248	79412	46.18	ng #	90
67) Hexachlorobenzene	17.86	284	77583	43.15	ng #	87
68) Atrazine	18.39	200	94084	52.53	ng #	79
69) Pentachlorophenol	18.41	266	68175	78.11	ng	99
70) Phenanthrene	18.82	178	415547	43.95	ng	97
71) Anthracene	18.95	178	403325	41.52	ng	98
72) Carbazole	19.42	167	366550	40.21	ng	96
73) Di-n-butylphthalate	20.47	149	532895	49.51	ng #	97
74) Fluoranthene	21.43	202	374694	36.61	ng	90
76) Benzidine	21.75	184	121245	25.69	ng	97
77) Pyrene	21.78	202	378886	46.52	ng	98
79) Butylbenzylphthalate	22.80	149	175889	49.65	ng #	73
80) Benzo(a)anthracene	23.37	228	305656	43.65	ng	96
81) 3,3'-Dichlorobenzidine	23.38	252	82455	34.91	ng #	94
82) Chrysene	23.42	228	284871	45.38	ng	95
83) Bis(2-ethylhexyl)phthalate	23.50	149	266782	57.07	ng #	92
84) Di-n-octyl phthalate	24.15	149	418238	54.34	ng #	93
85) Indeno(1,2,3-cd)pyrene	25.88	276	170531	37.03	ng #	85
87) Benzo(b)fluoranthene	24.48	252	250911m	41.84	ng	
88) Benzo(k)fluoranthene	24.50	252	229046m	46.03	ng	
89) Benzo(a)pyrene	24.78	252	238156	46.86	ng #	82
90) Dibenzo(a,h)anthracene	25.89	278	147048	37.45	ng #	77
91) Benzo(g,h,i)perylene	26.17	276	128001	34.15	ng #	75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF081640.D

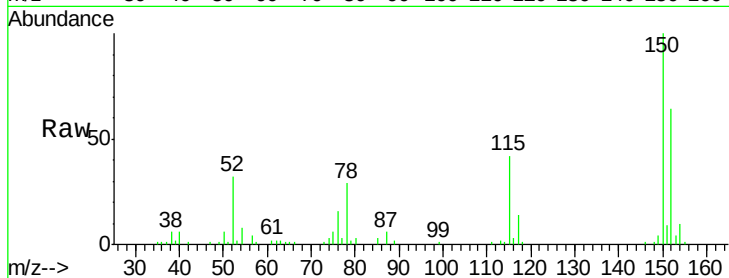
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD



Tgt Ion: 152 Resp: 51857

Ion Ratio Lower Upper

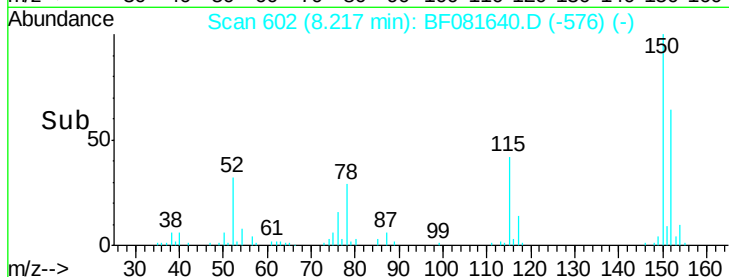
152 100

150 157.4 124.7 187.1

115 65.9 39.0 58.4#

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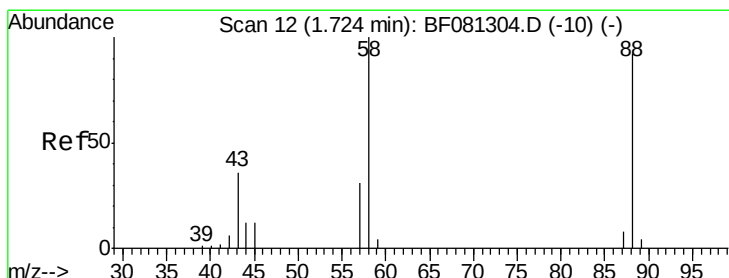
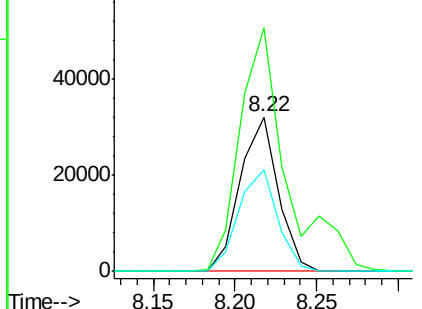
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.00 ng m

RT: 1.61 min Scan# 24

Delta R.T. 0.05 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

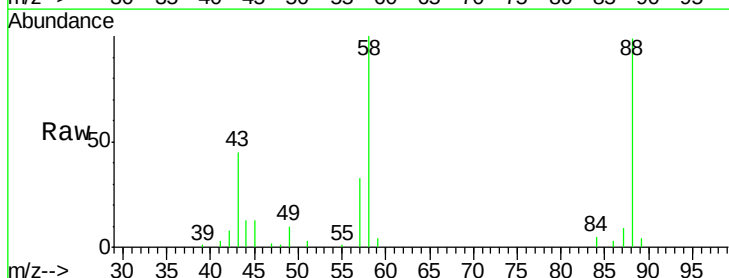
Tgt Ion: 88 Resp: 46540

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

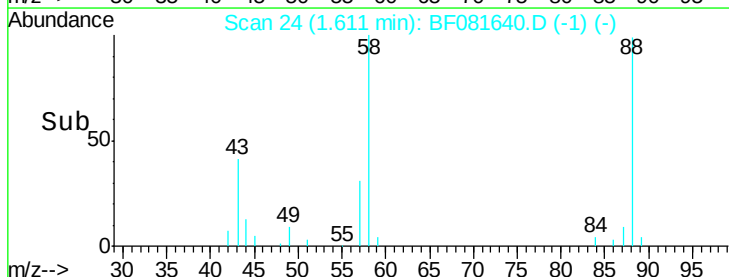
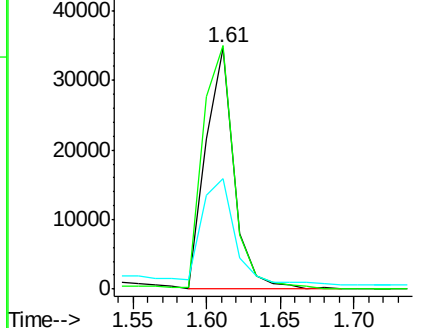
43 0.0 26.6 40.0#

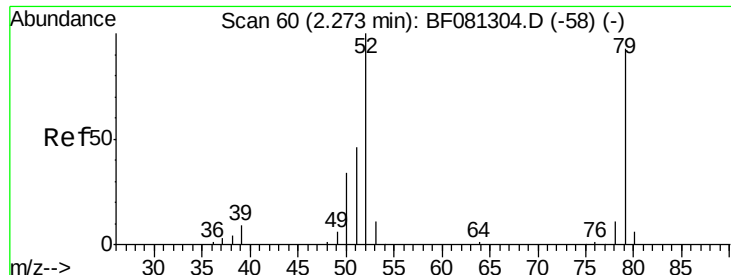


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.04 ng

RT: 2.11 min Scan# 68

Delta R.T. 0.03 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion: 79 Resp: 145053
Ion Ratio Lower Upper

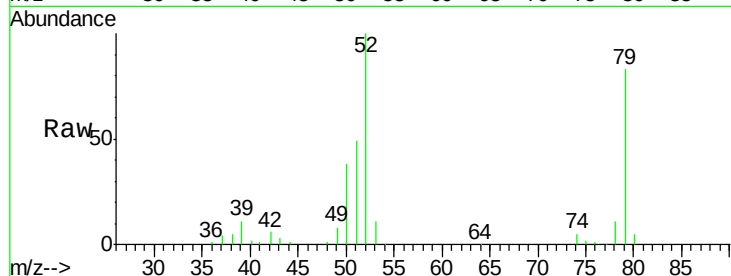
79 100

52 119.9 76.8 115.2#

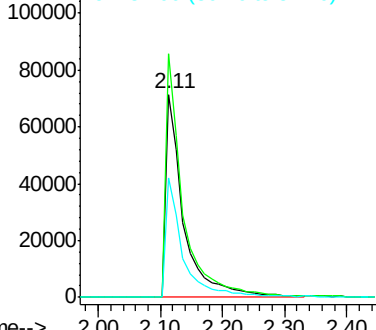
51 59.1 32.2 48.4#

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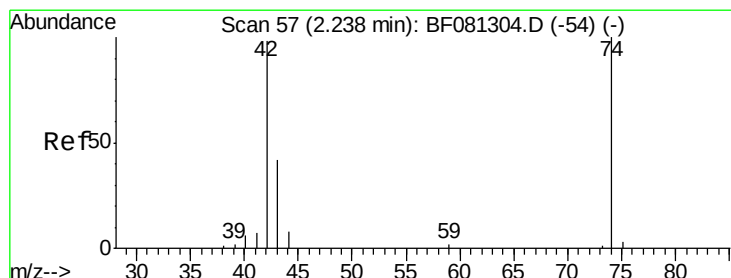
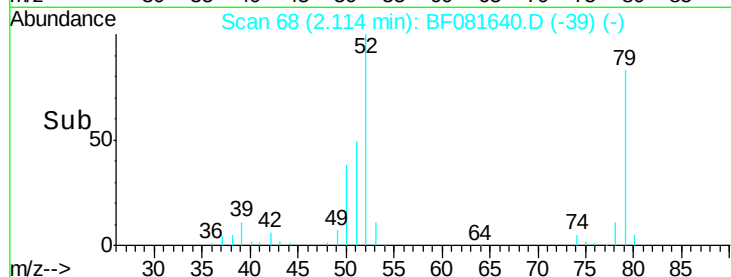
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 46.45 ng

RT: 2.09 min Scan# 66

Delta R.T. 0.03 min

Lab File: BF081640.D

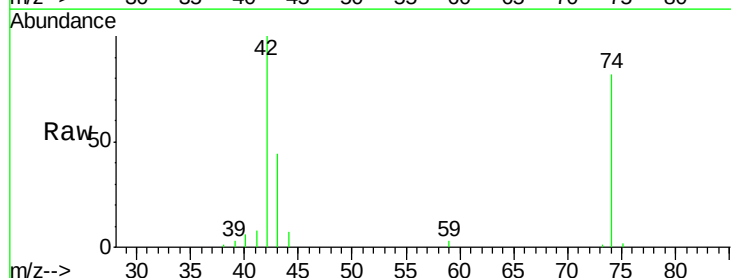
Acq: 15 Sep 2015 21:38

Tgt Ion: 42 Resp: 106812
Ion Ratio Lower Upper

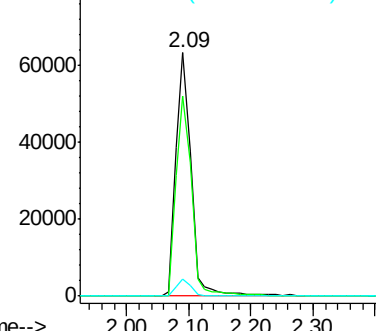
42 100

74 82.2 105.0 157.6#

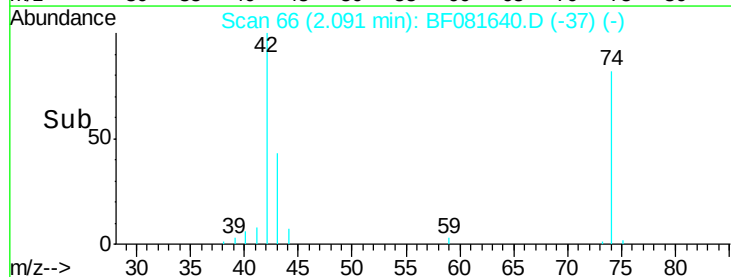
44 7.2 6.6 10.0

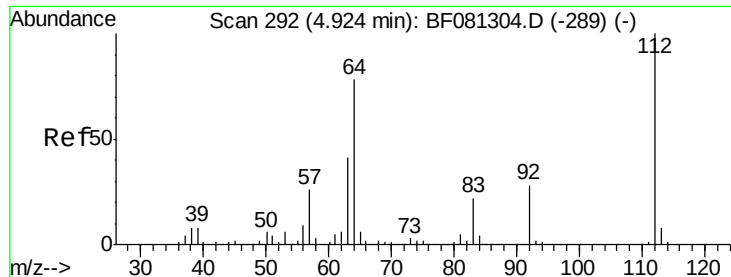


Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



Time-->





#5

2-Fluorophenol

Concen: 127.06 ng

RT: 5.38 min Scan# 354

Delta R.T. 0.03 min

Lab File: BF081640.D

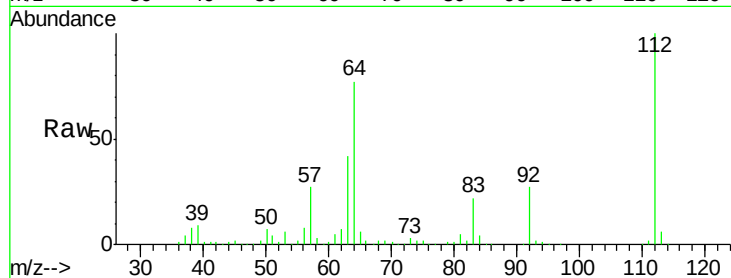
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 112 Resp: 424677

Ion Ratio Lower Upper

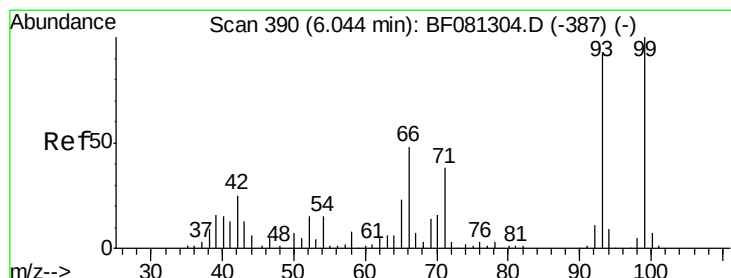
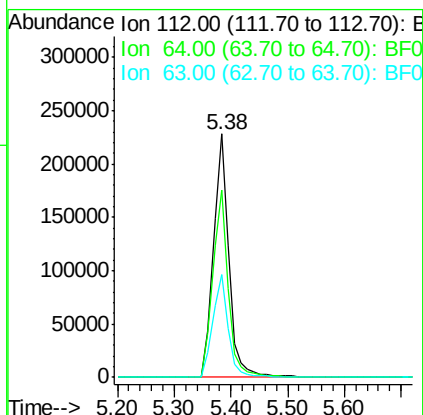
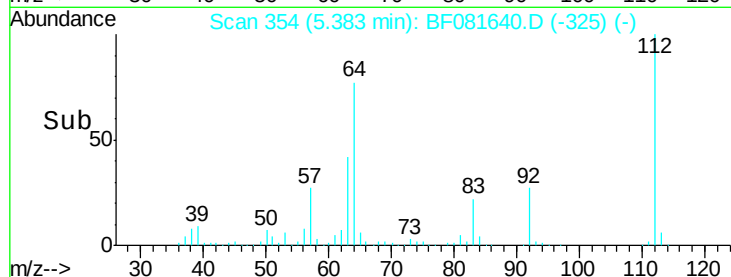
112 100

64 76.9 39.7 59.5#

63 42.4 17.4 26.0#

Manual Integrations
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#6

Aniline

Concen: 17.10 ng

RT: 7.52 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

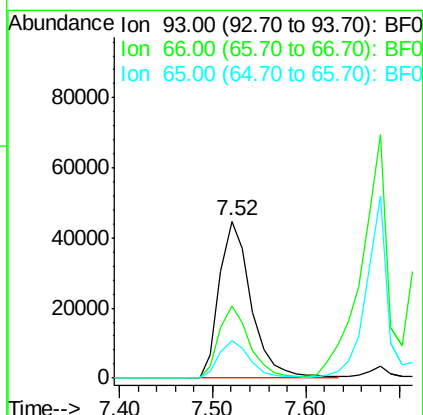
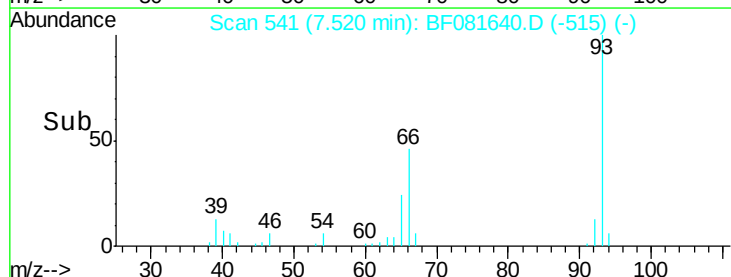
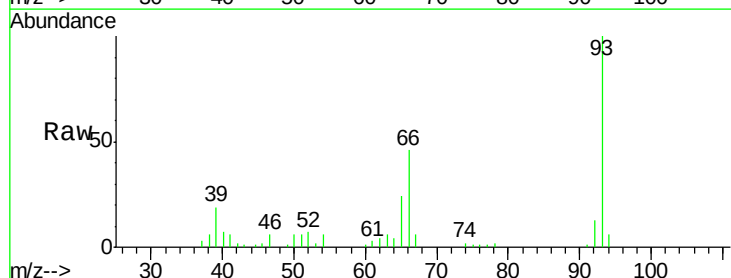
Tgt Ion: 93 Resp: 106803

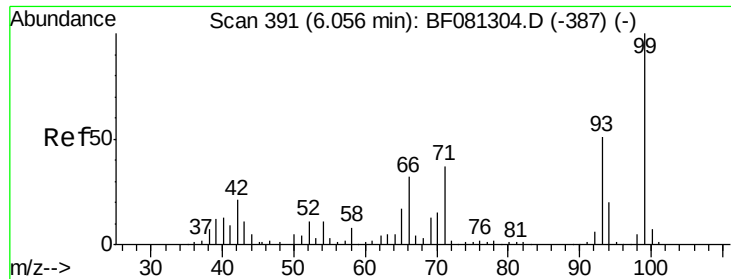
Ion Ratio Lower Upper

93 100

66 45.7 27.2 40.8#

65 24.0 14.7 22.1#





#7

Phenol-d6

Concen: 134.08 ng

RT: 7.66 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion: 99 Resp: 593178
Ion Ratio Lower Upper

99 100

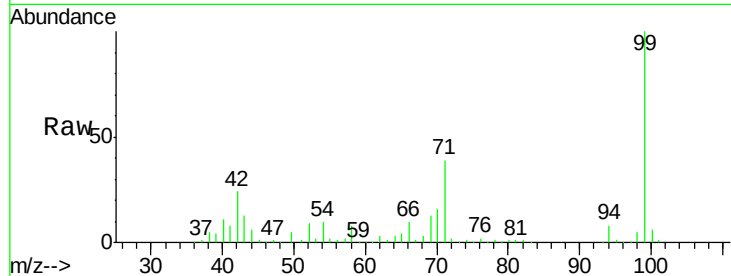
42 24.3 13.7 20.5#

71 39.4 14.2 21.2#

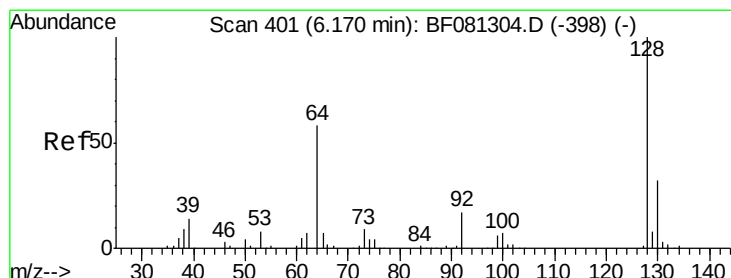
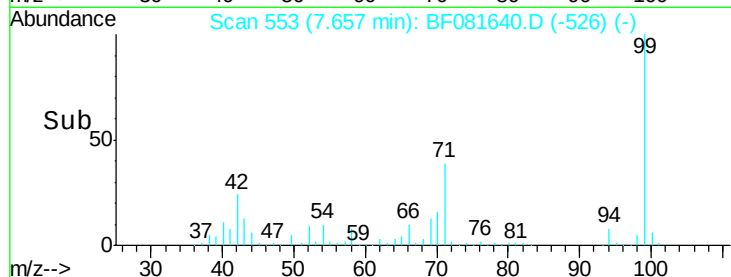
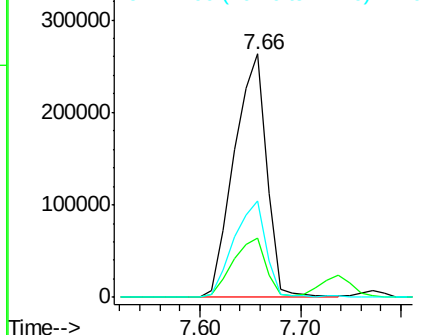
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.13 ng

RT: 7.77 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF081640.D

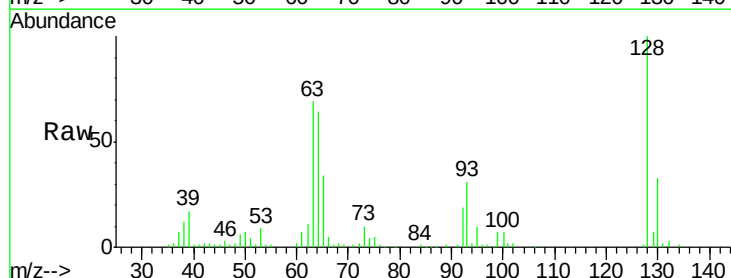
Acq: 15 Sep 2015 21:38

Tgt Ion: 128 Resp: 158857
Ion Ratio Lower Upper

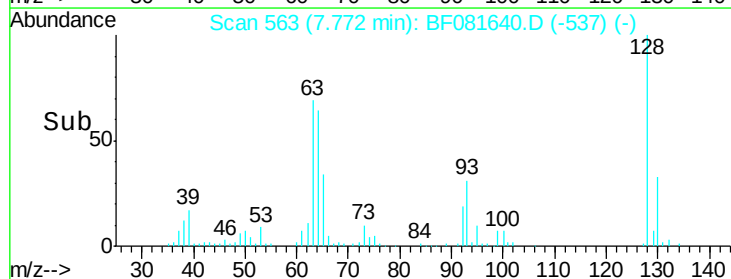
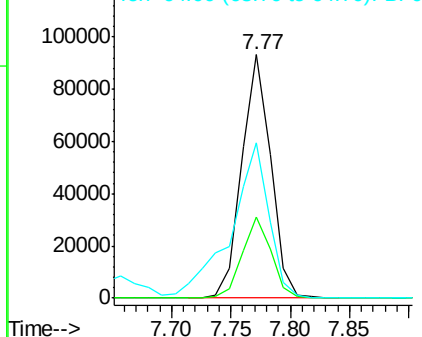
128 100

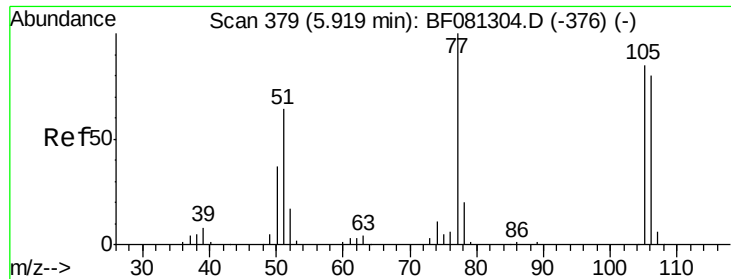
130 33.3 12.2 52.2

64 63.7 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: 31.53 ng

RT: 7.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

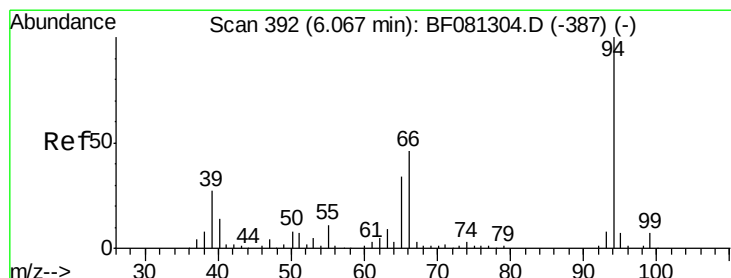
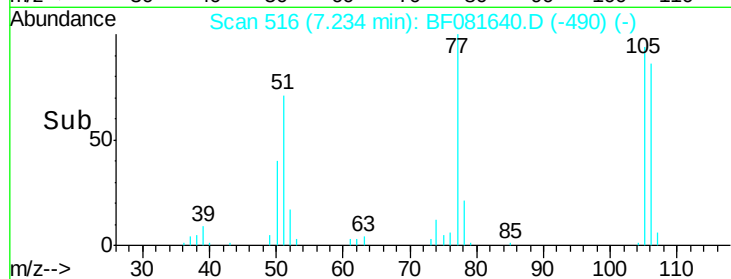
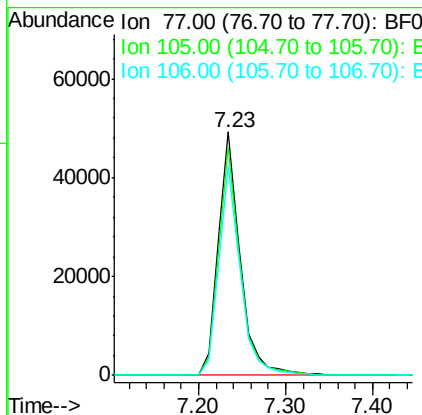
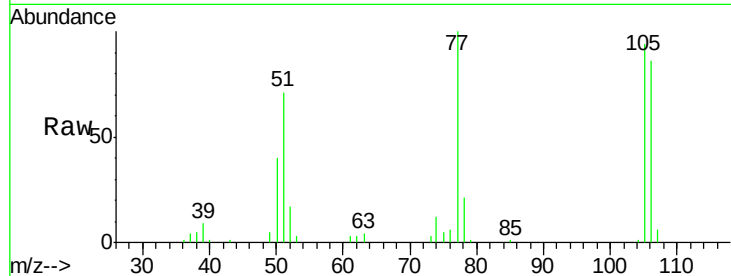
ClientSampleId :

B-20MSD

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Tgt Ion:	77	Resp:	87407
Ion	Ratio	Lower	Upper
77	100		
105	93.6	91.6	131.6
106	85.7	102.6	142.6#



#10

Phenol

Concen: 43.57 ng

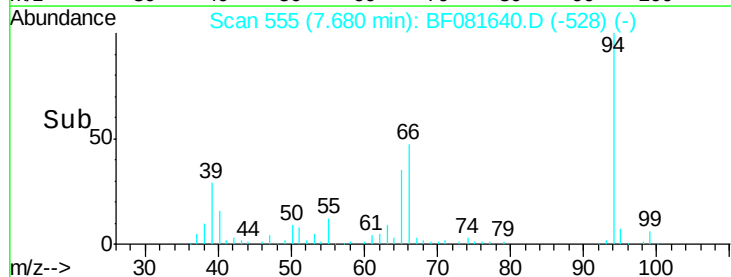
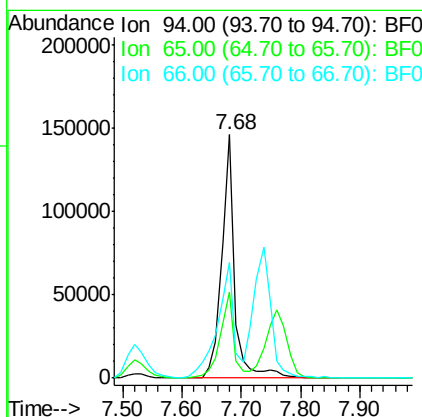
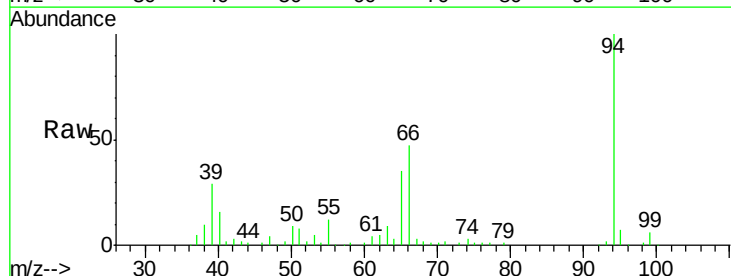
RT: 7.68 min Scan# 555

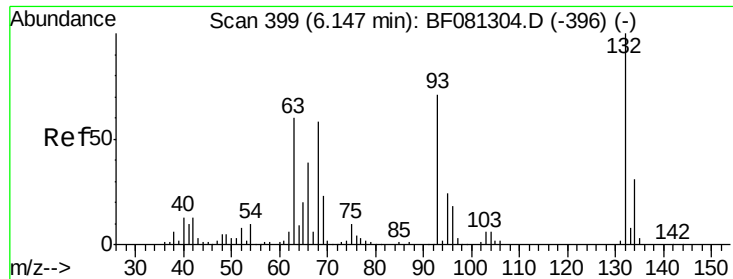
Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:	94	Resp:	223519
Ion	Ratio	Lower	Upper
94	100		
65	35.5	0.7	40.7
66	47.5	0.8	40.8#





#11

bis(2-Chloroethyl)ether

Concen: 46.48 ng

RT: 7.76 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

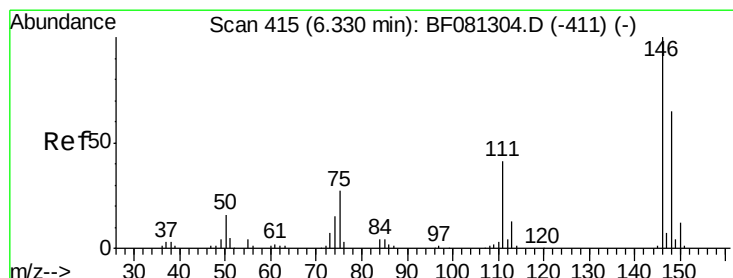
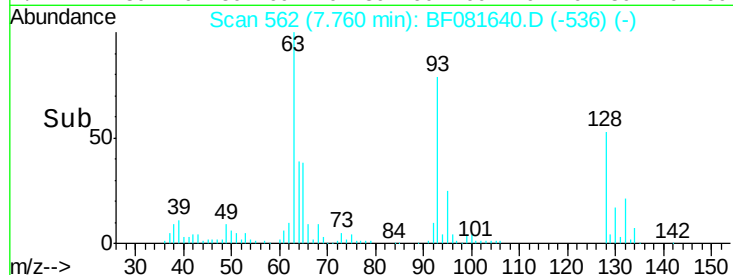
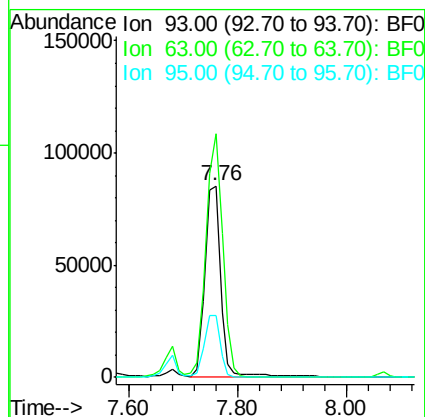
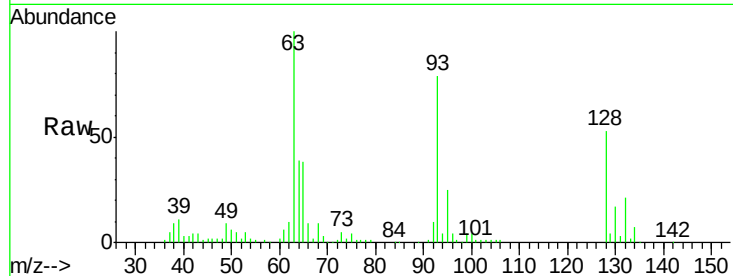
ClientSampled :

B-20MSD

Tgt Ion:	93	Resp:	172041
Ion Ratio	Lower	Upper	
93	100		
63	127.3	65.6	105.6#
95	32.3	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 41.20 ng

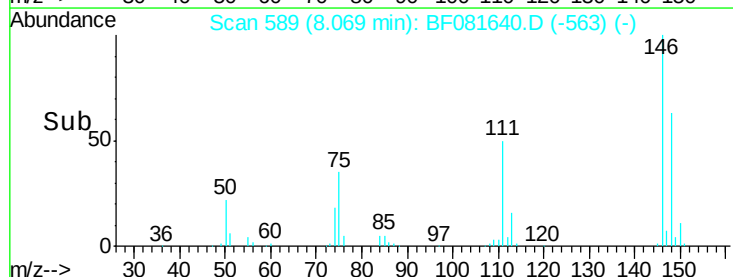
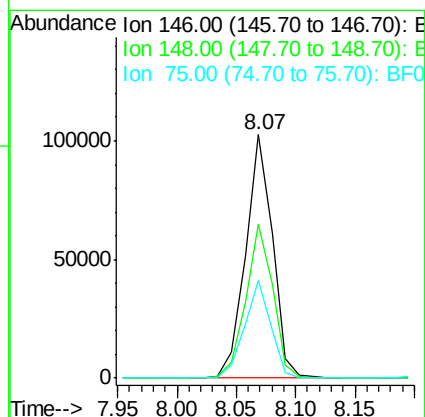
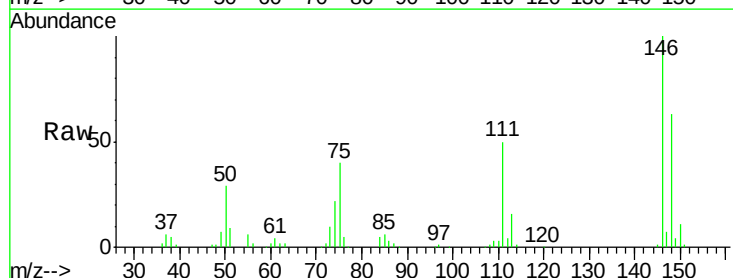
RT: 8.07 min Scan# 589

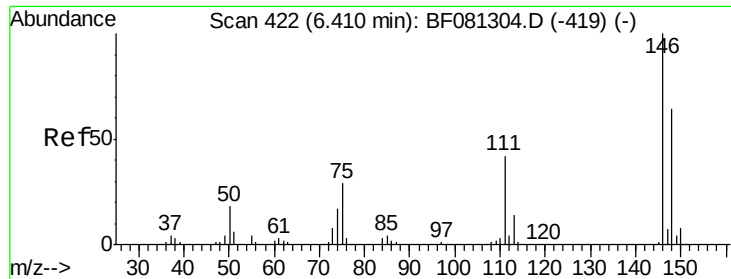
Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:	146	Resp:	162122
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.4
75	40.0	15.0	22.6#





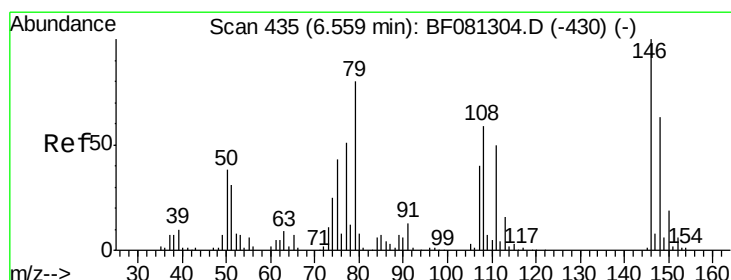
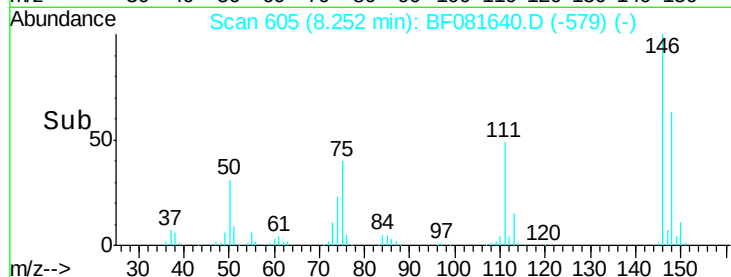
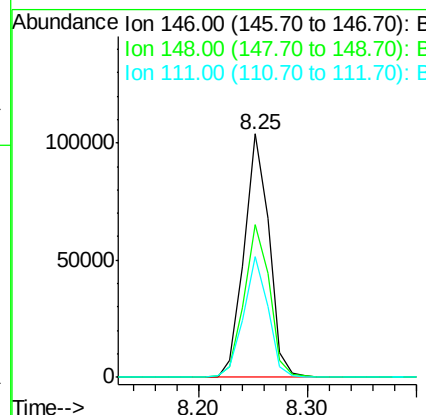
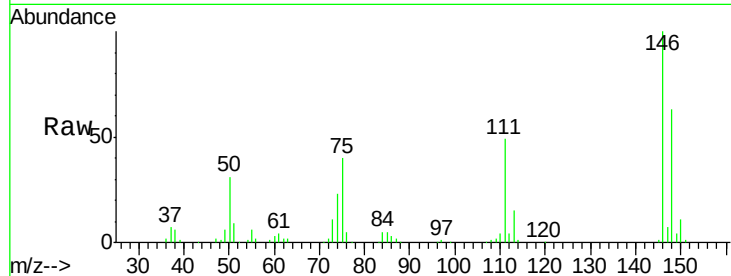
#13
 1,4-Dichlorobenzene
 Concen: 41.07 ng
 RT: 8.25 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampled :
 B-20MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.6
111	49.4	24.9	37.3

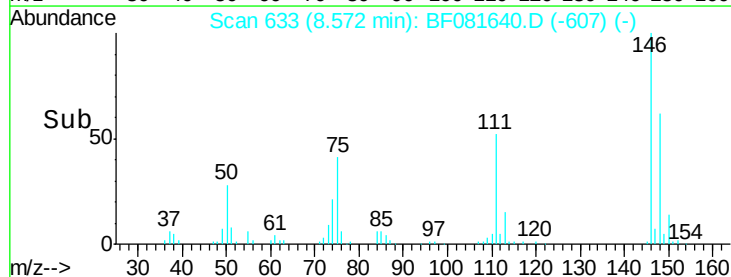
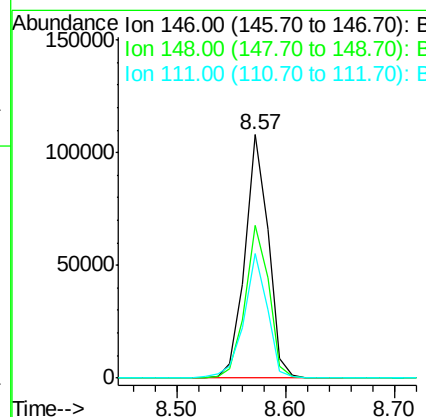
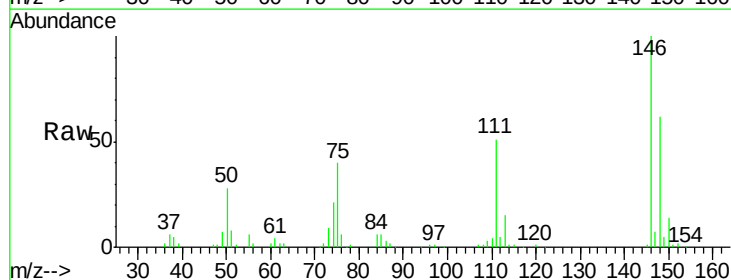
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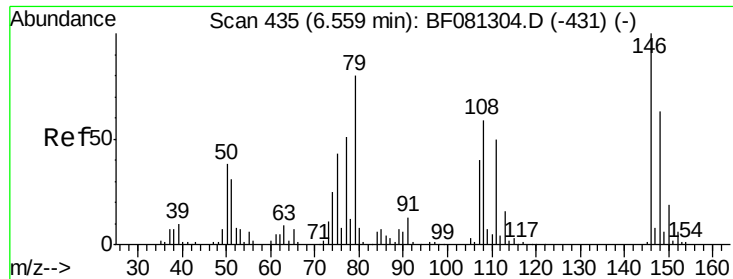
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 44.28 ng
 RT: 8.57 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.7	79.1
111	51.2	28.8	43.2





#15

Benzyl Alcohol

Concen: 45.27 ng

RT: 8.66 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampled :

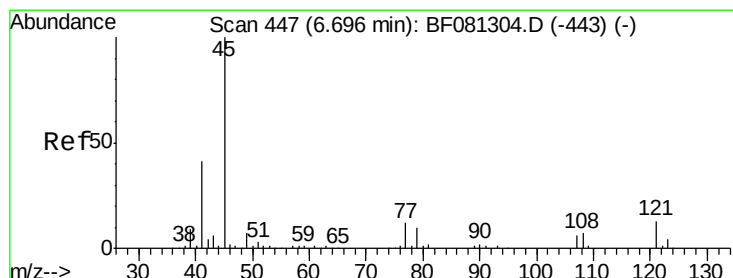
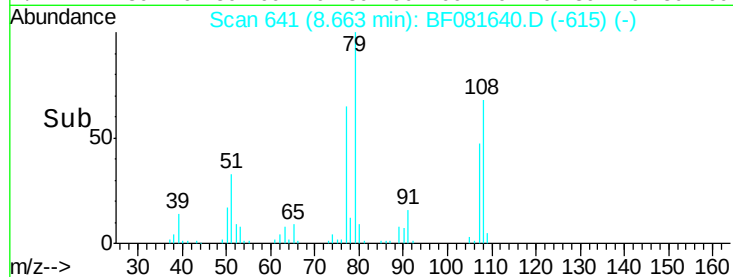
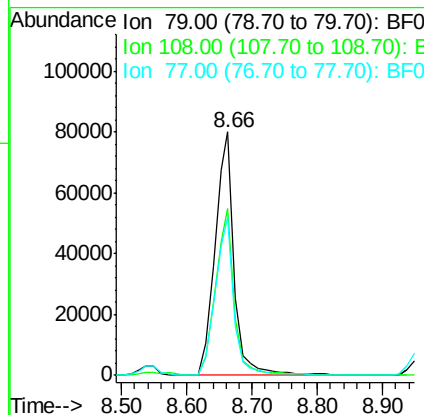
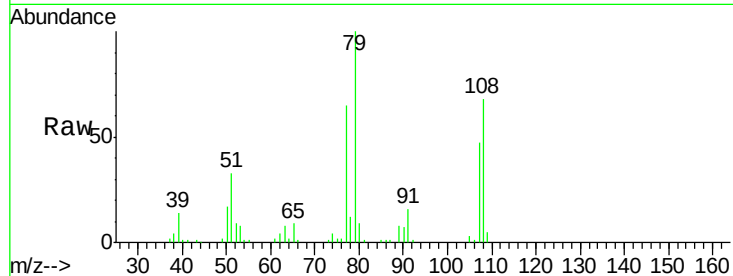
B-20MSD

Tgt Ion: 79 Resp: 164288
Ion Ratio Lower Upper

79	100		
108	68.5	88.6	132.8#
77	64.9	47.0	70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.18 ng

RT: 8.98 min Scan# 669

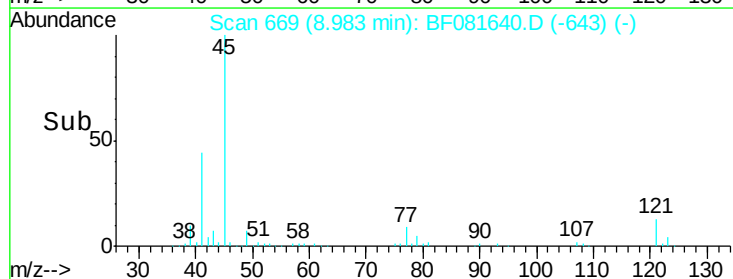
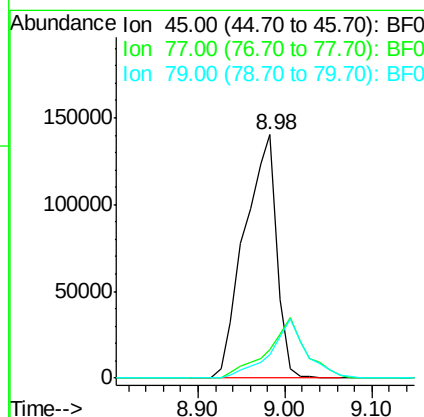
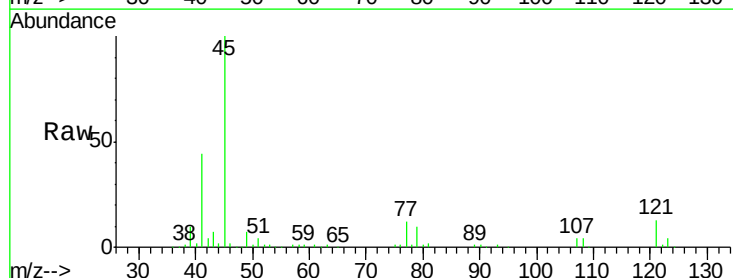
Delta R.T. -0.00 min

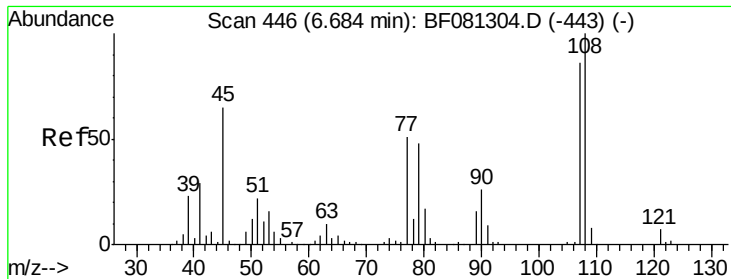
Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion: 45 Resp: 363124
Ion Ratio Lower Upper

45	100		
77	11.8	0.0	28.1
79	9.6	0.0	26.0





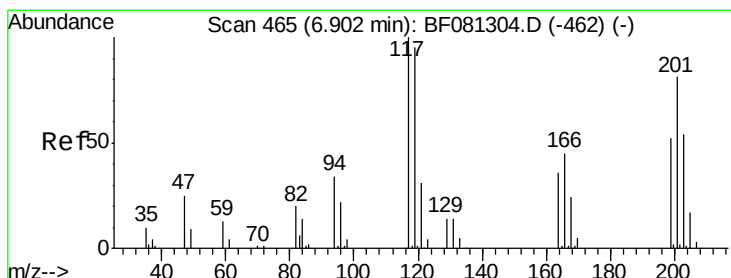
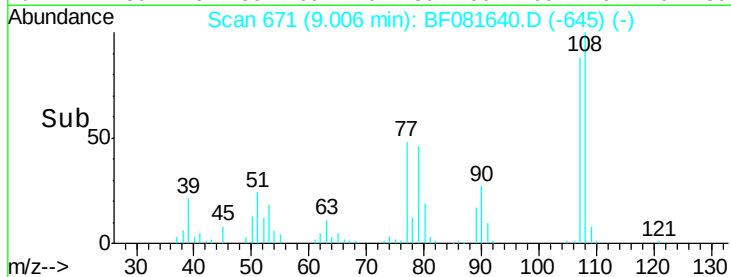
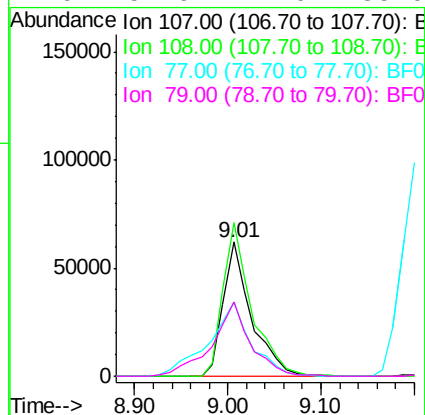
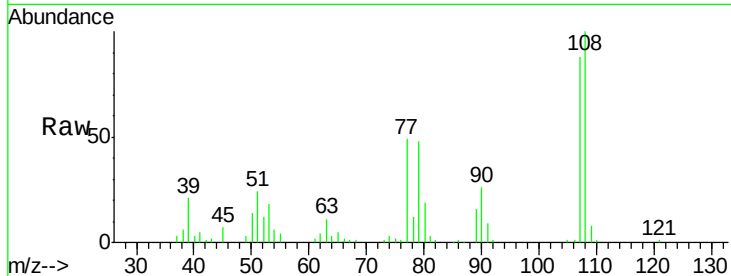
#17
 2-Methylphenol
 Concen: 44.51 ng
 RT: 9.01 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion:	107	Resp:	130794
Ion Ratio	Lower	Upper	
107	100		
108	114.2	96.6	145.0
77	55.8	23.3	34.9#
79	54.9	22.0	33.0#

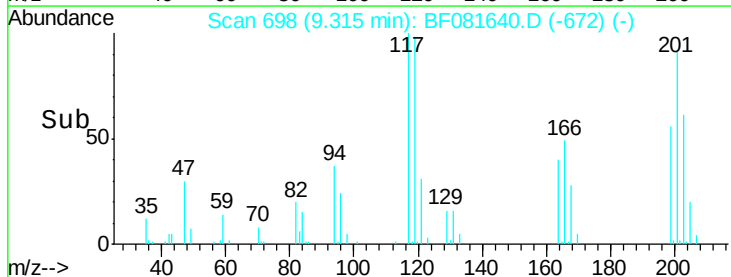
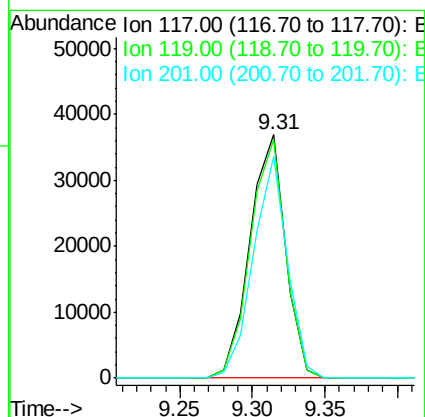
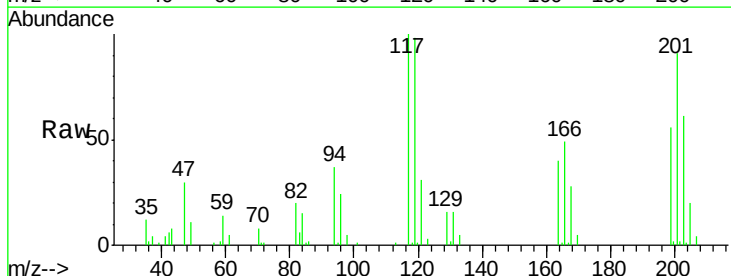
Manual Integrations
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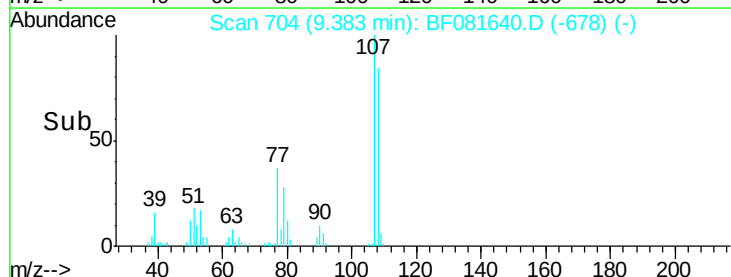
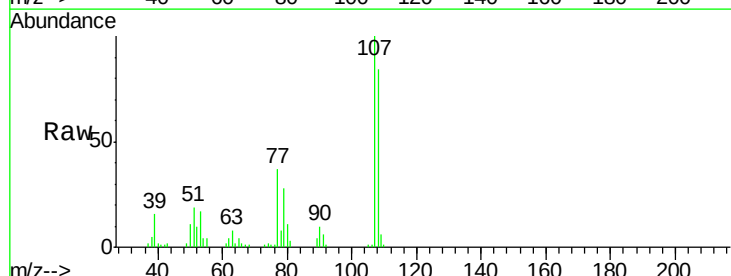
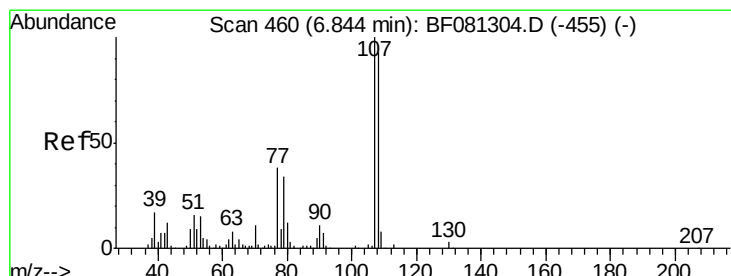
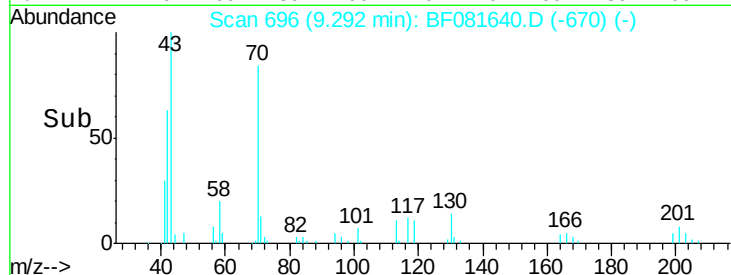
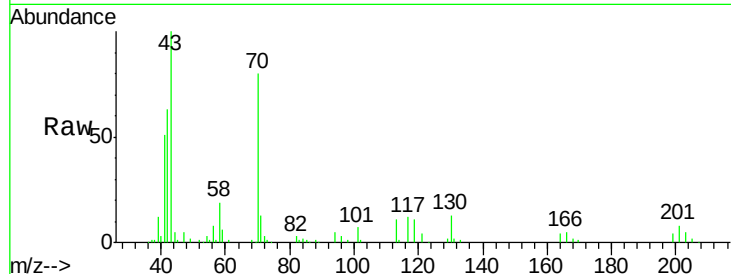
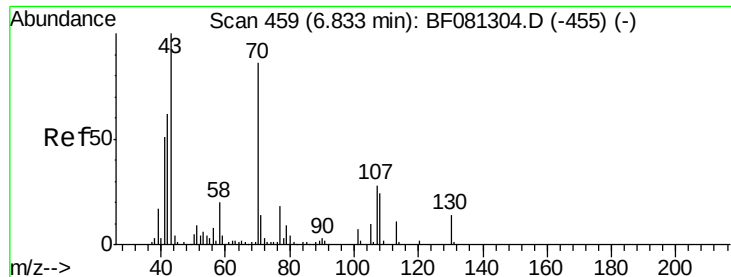
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#18
 Hexachloroethane
 Concen: 40.21 ng
 RT: 9.31 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:	117	Resp:	62676
Ion Ratio	Lower	Upper	
117	100		
119	97.7	83.8	125.6
201	91.2	55.1	82.7#





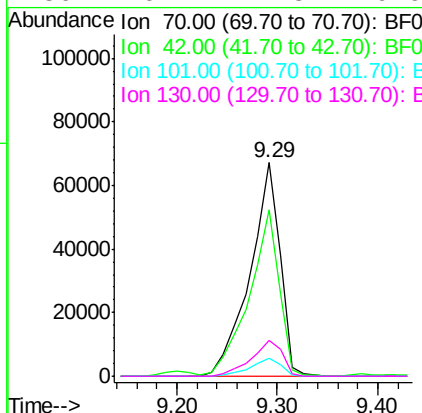
#19
n-Nitroso-di-n-propylamine
Concen: 46.22 ng
RT: 9.29 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampled :
B-20MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	78.0	63.8	95.6
101	8.4	9.2	13.8
130	16.7	27.3	40.9

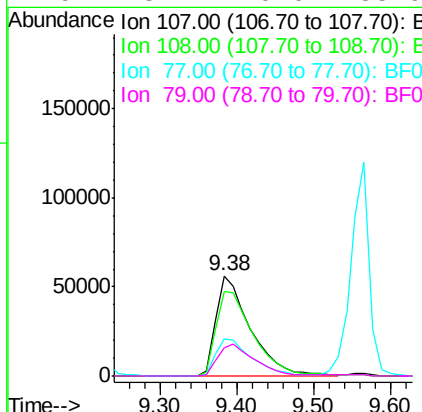
Manual Integrations
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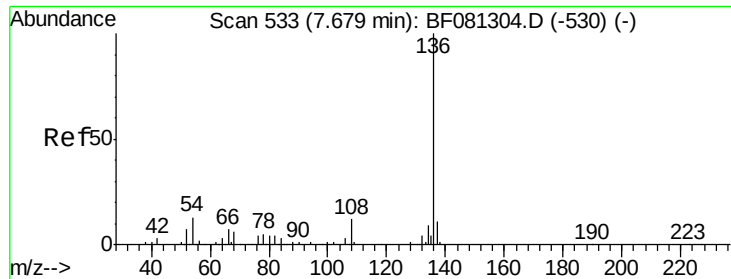
MMDadoda
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#20
3+4-Methylphenols
Concen: 44.14 ng
RT: 9.38 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	74.6	114.6
77	36.8	0.7	40.7
79	28.2	0.0	38.9





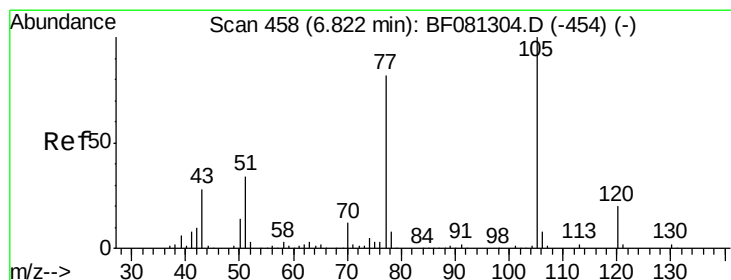
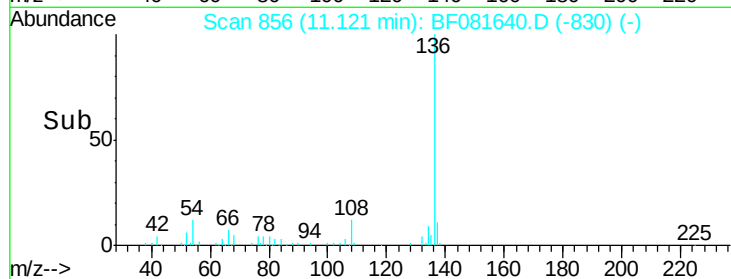
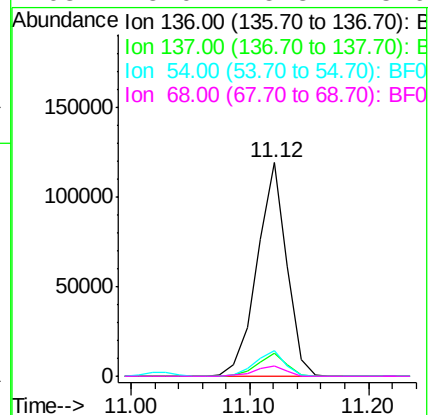
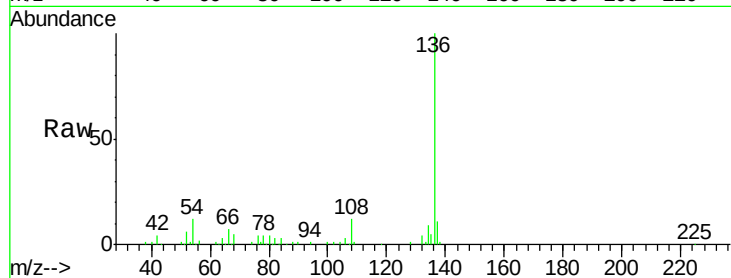
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		206584		
137	10.9	9.0	13.6		
54	11.8	8.2	12.2		
68	5.0	5.8	8.6#		

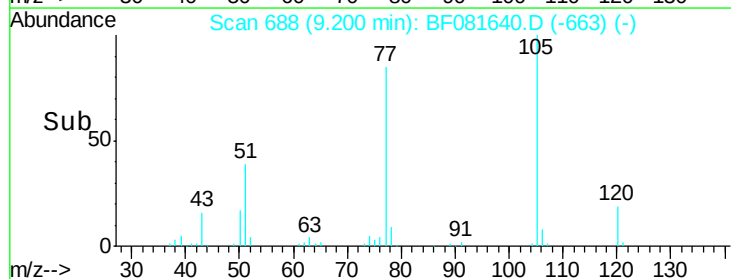
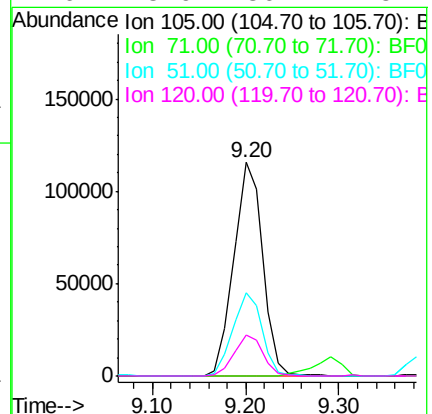
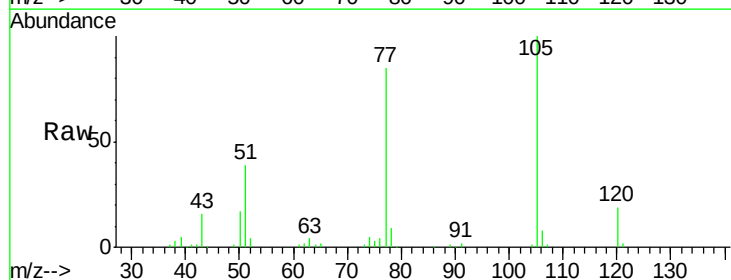
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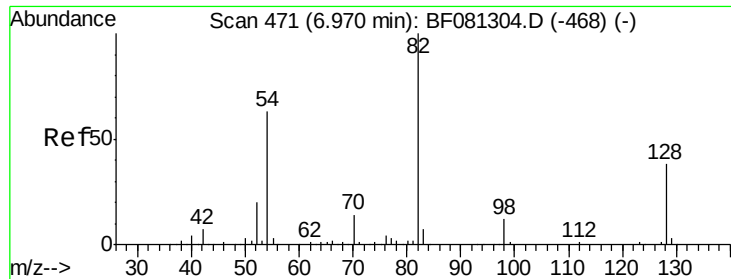
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#22
Acetophenone
Concen: 44.15 ng
RT: 9.20 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		249095		
71	0.0	4.7	7.1#		
51	39.2	22.0	33.0#		
120	18.9	30.1	45.1#		





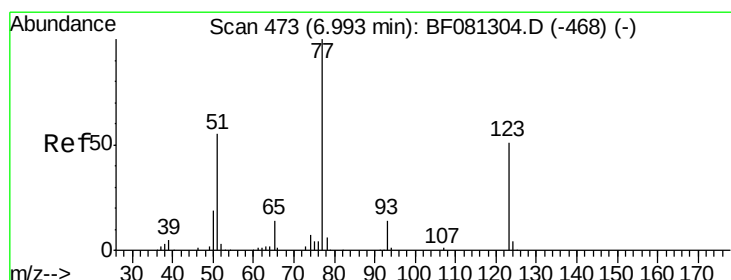
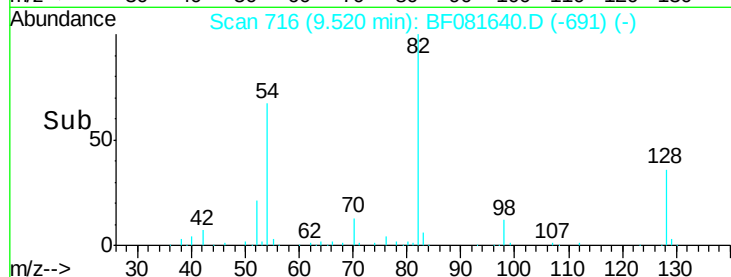
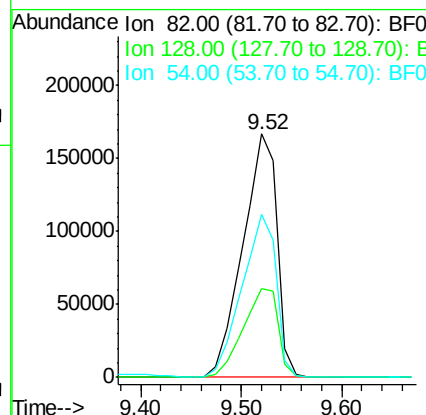
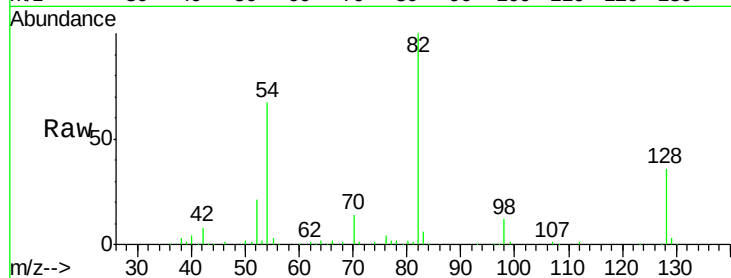
#23
 Nitrobenzene-d5
 Concen: 91.46 ng
 RT: 9.52 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.2	51.0	76.6#
54	67.0	47.5	71.3

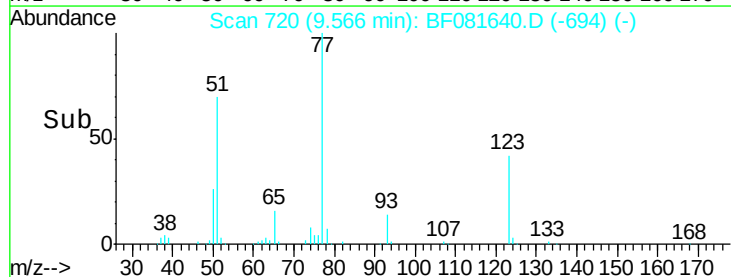
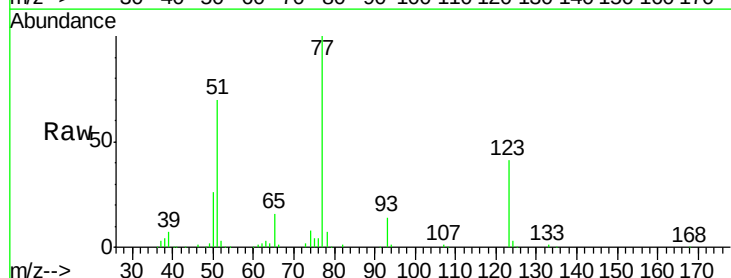
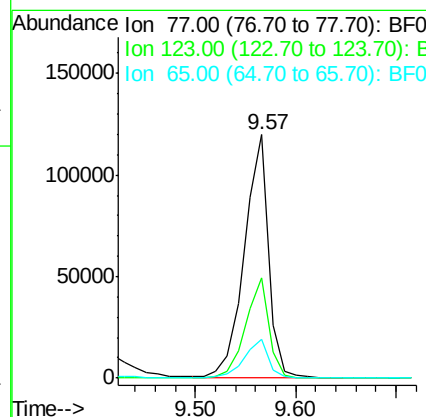
Manual Integrations
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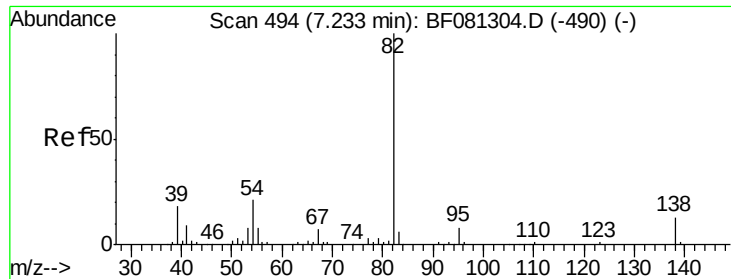
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#24
 Nitrobenzene
 Concen: 45.11 ng
 RT: 9.57 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	41.4	59.8	89.8#
65	16.1	10.2	15.4#





#25

Isophorone

Concen: 44.77 ng

RT: 10.16 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion: 82 Resp: 356528
Ion Ratio Lower Upper

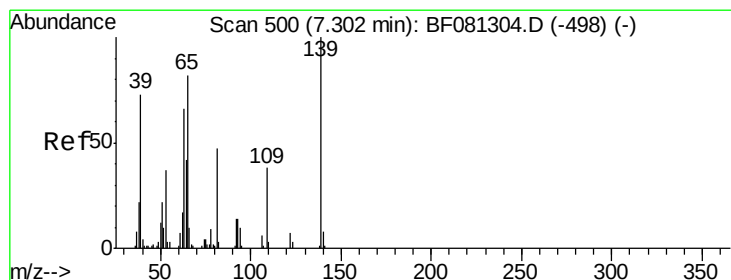
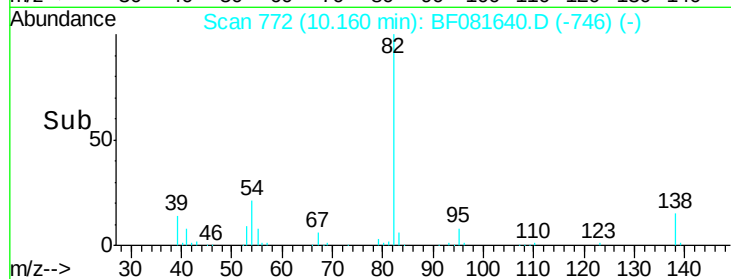
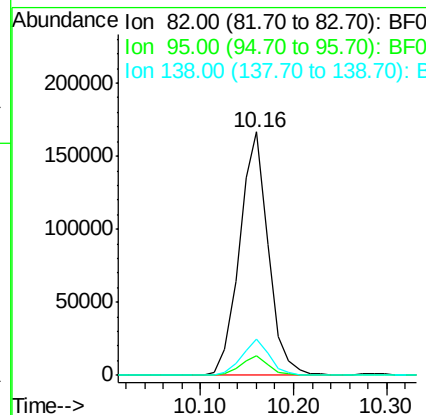
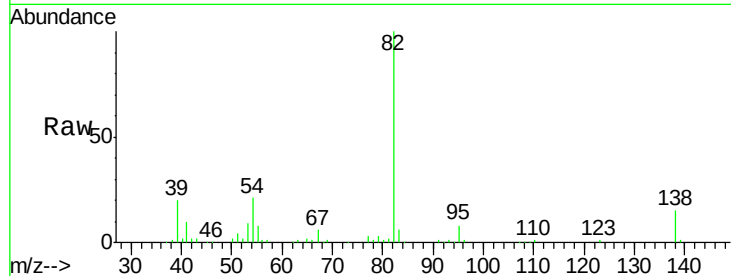
82 100

95 7.9 4.0 6.0#

138 15.1 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.28 ng

RT: 10.30 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF081640.D

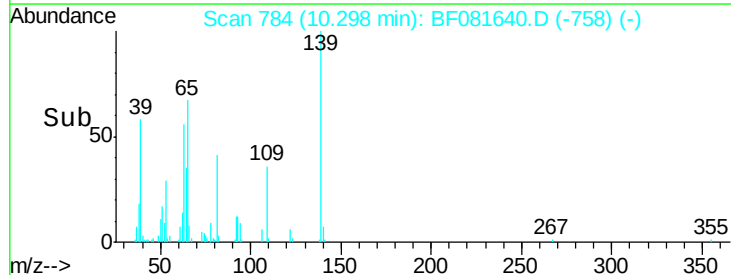
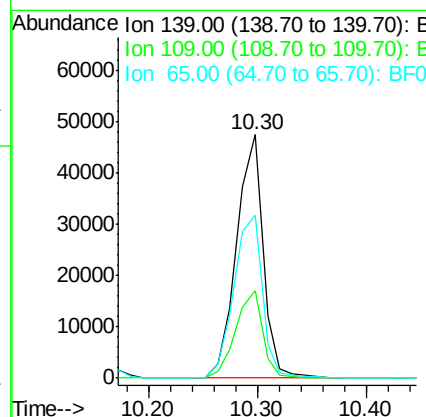
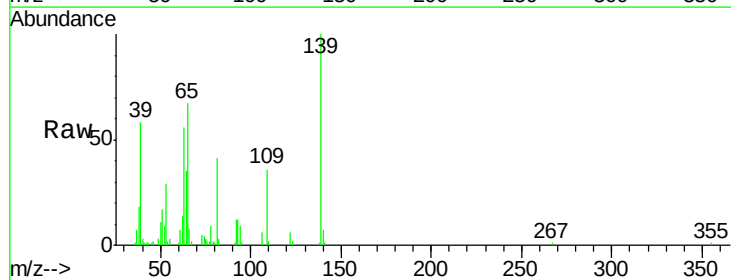
Acq: 15 Sep 2015 21:38

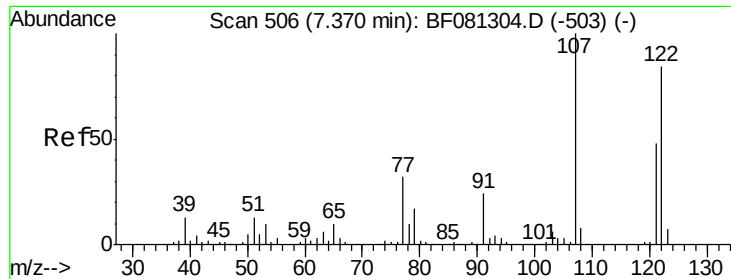
Tgt Ion: 139 Resp: 80009
Ion Ratio Lower Upper

139 100

109 36.0 11.0 16.4#

65 67.1 24.7 37.1#





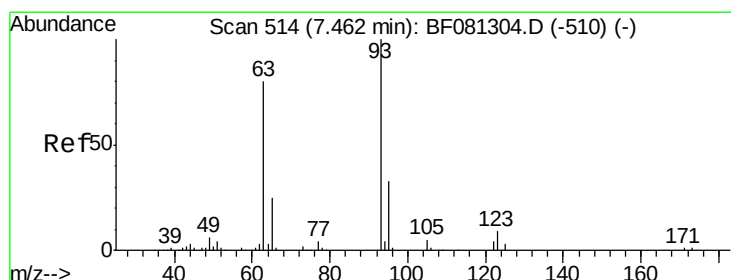
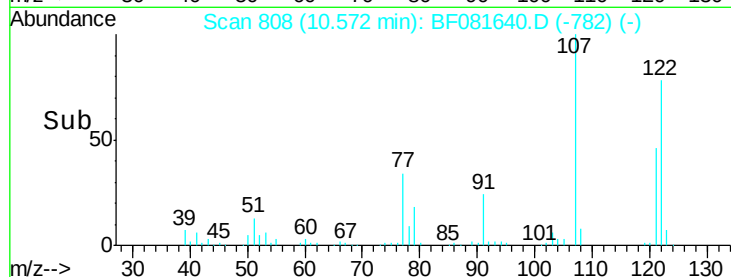
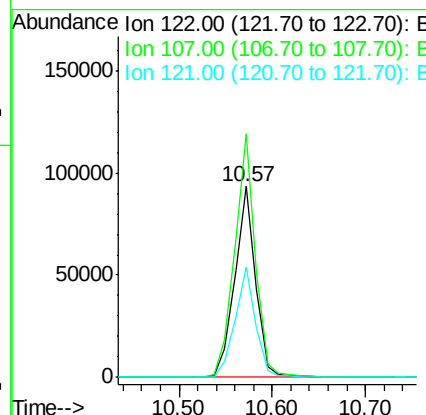
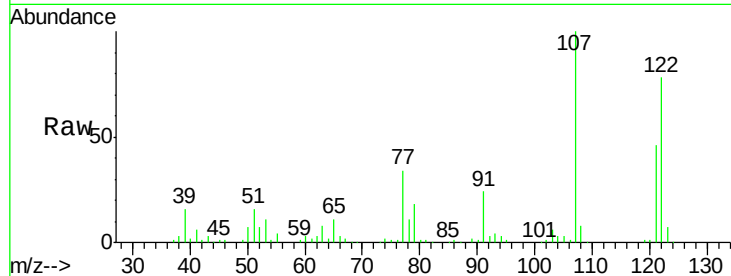
#27
 2,4-Dimethylphenol
 Concen: 43.51 ng
 RT: 10.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	145647		
107	127.6	71.8	107.6#	
121	58.2	42.3	63.5	

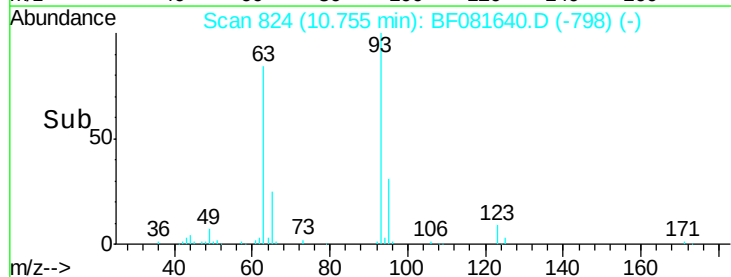
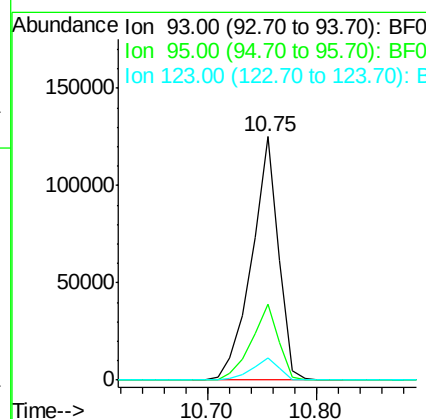
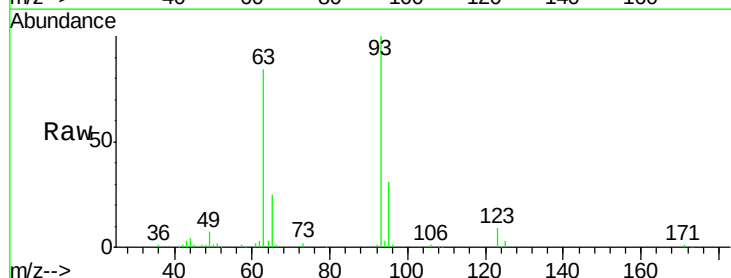
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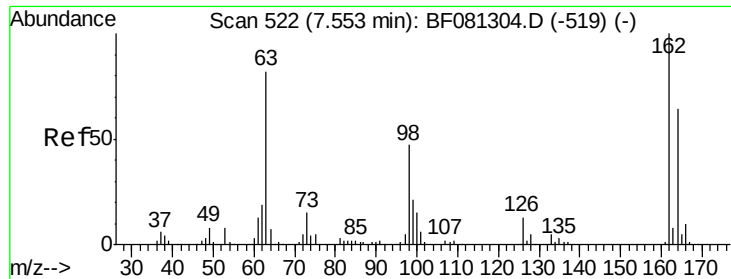
MMDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.49 ng
 RT: 10.75 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213861		
95	31.4	27.5	41.3	
123	9.1	13.7	20.5#	





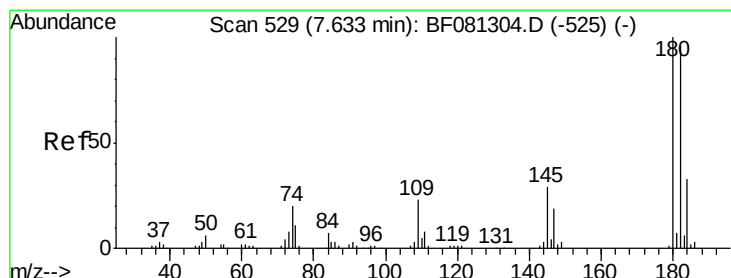
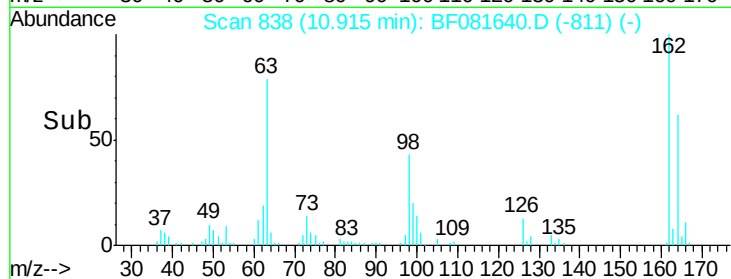
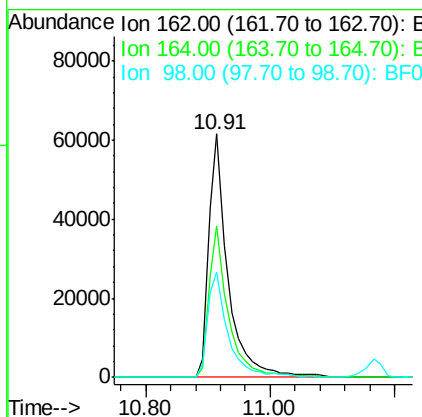
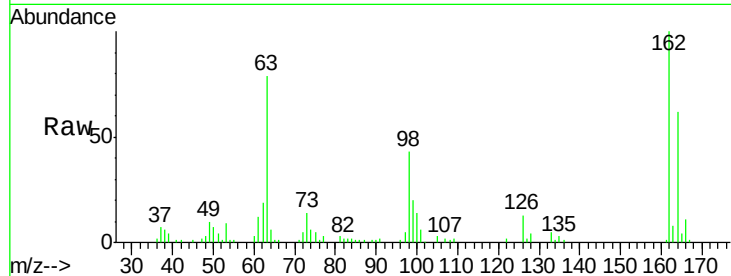
#29
 2,4-Dichlorophenol
 Concen: 44.96 ng
 RT: 10.91 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	130510		
164	62.1	44.9	84.9	
98	43.5	13.0	53.0	

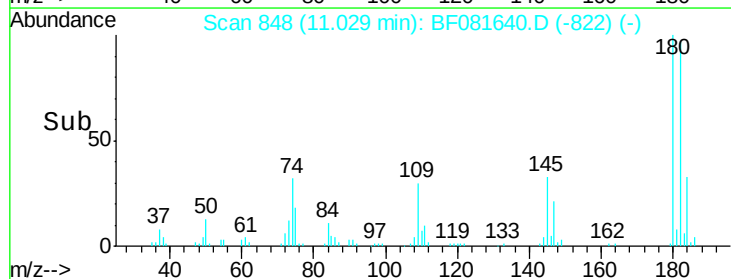
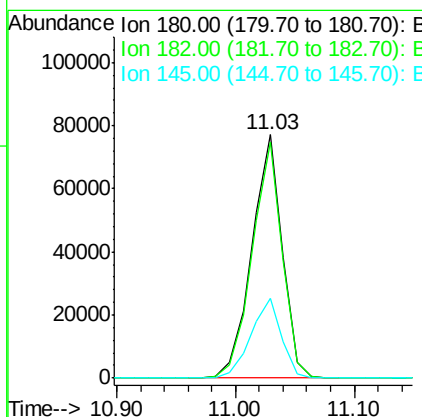
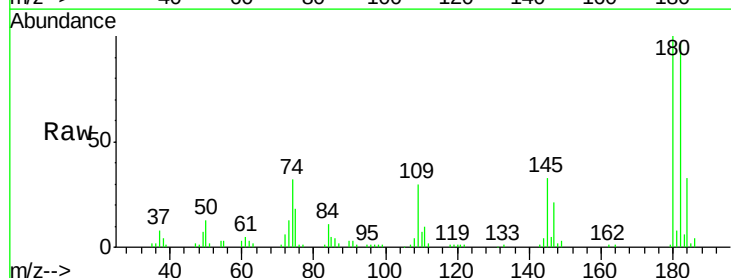
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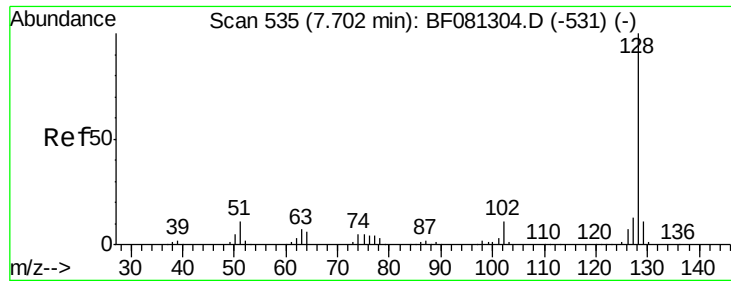
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.46 ng
 RT: 11.03 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137032		
182	96.8	77.1	115.7	
145	32.7	23.3	34.9	





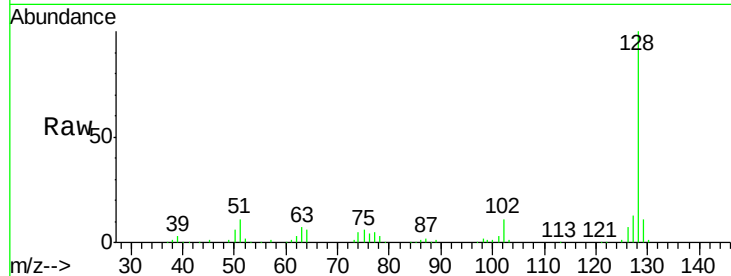
#31
Naphthalene
Concen: 43.34 ng
RT: 11.17 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

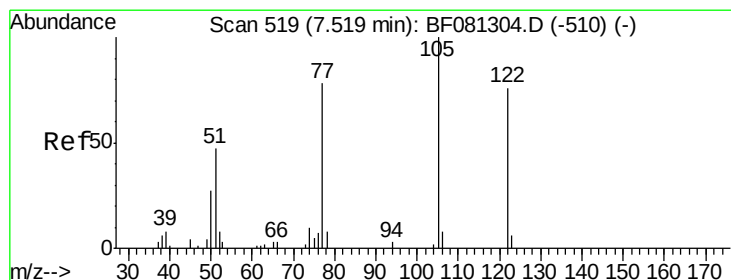
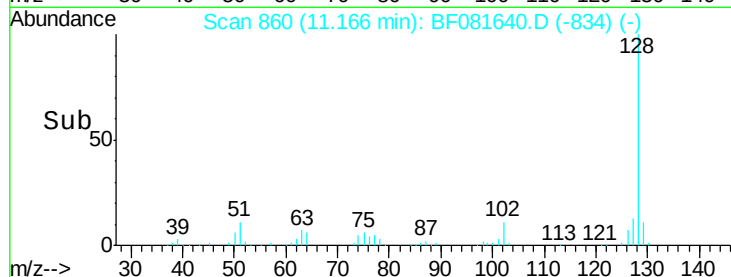
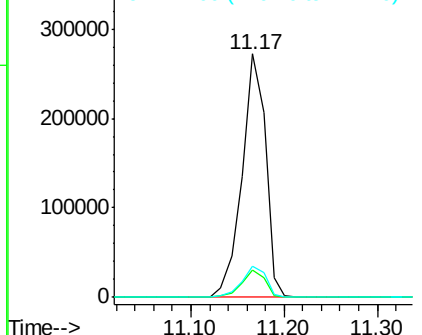
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	477521		
129	11.1	8.4	12.6	
127	12.9	9.9	14.9	

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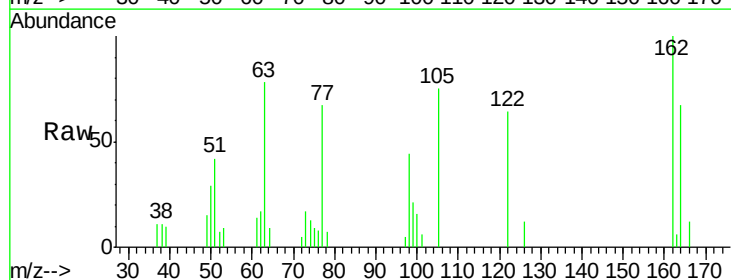


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

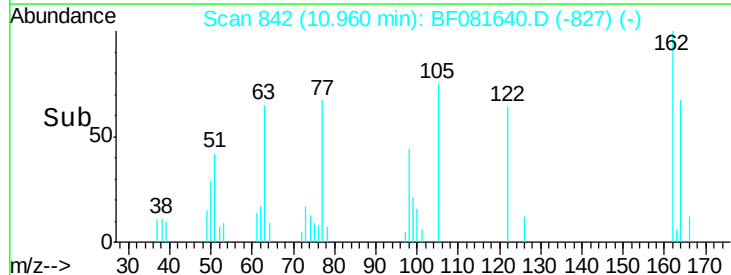
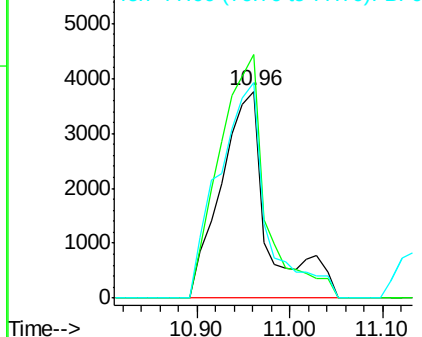


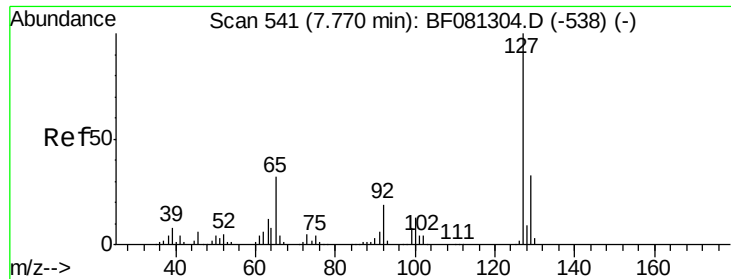
#32
Benzoic acid
Concen: 7.79 ng m
RT: 10.96 min Scan# 842
Delta R.T. -0.13 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13238		
105	117.9	76.1	116.1#	
77	104.2	40.5	80.5#	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





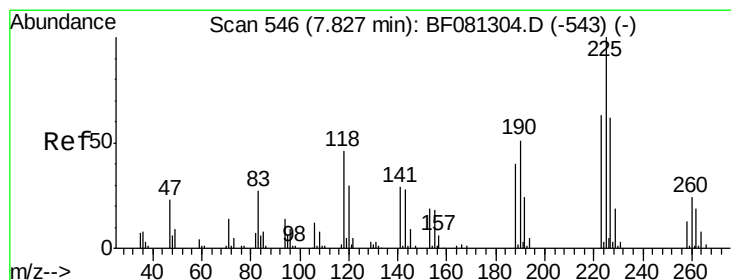
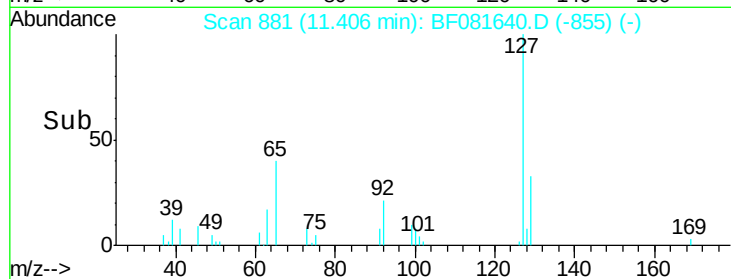
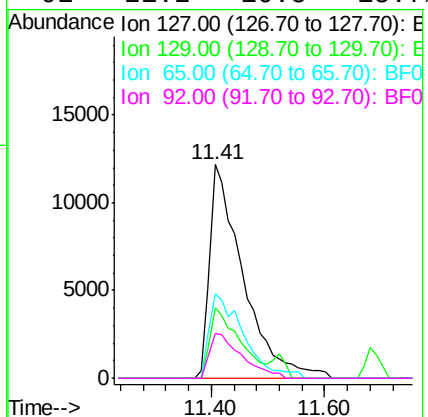
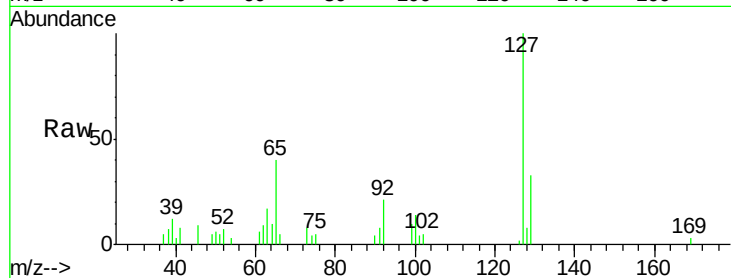
#33
4-Chloroaniline
Concen: 10.98 ng
RT: 11.41 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	39.8	17.9	26.9
92	21.2	10.5	15.7

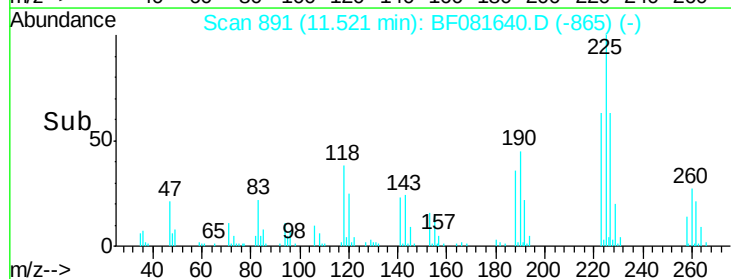
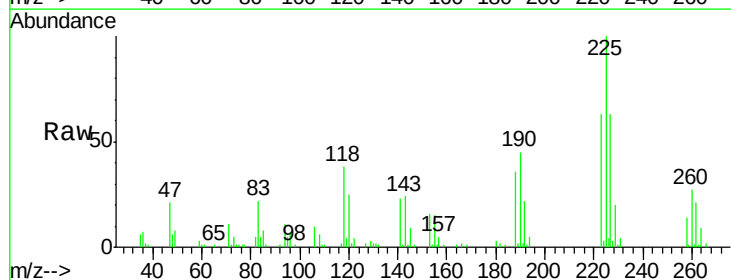
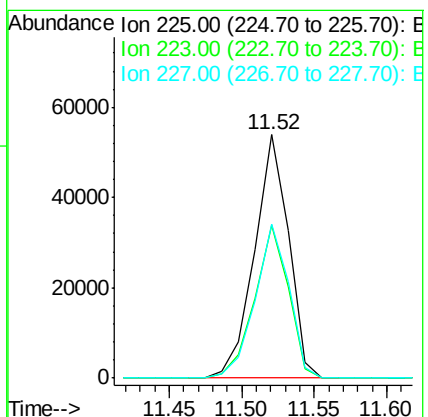
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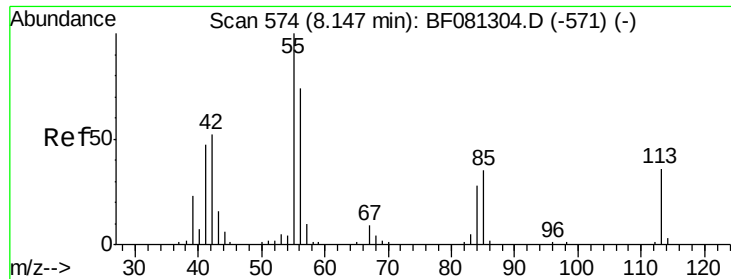
MMDadoda
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#34
Hexachlorobutadiene
Concen: 45.73 ng
RT: 11.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.3	52.2	78.2





#35

Caprolactam

Concen: 42.27 ng m

RT: 12.33 min Scan# 962

Delta R.T. -0.06 min

Lab File: BF081640.D

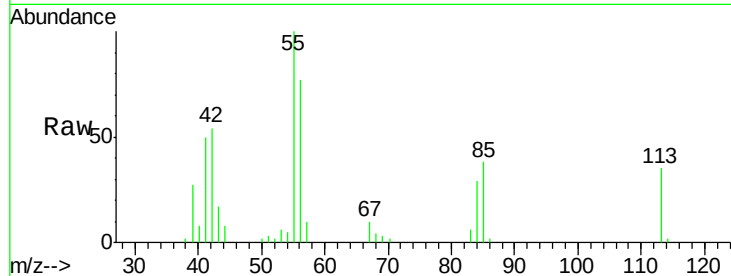
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampled :

B-20MSD



Tgt Ion:113 Resp: 37633

Ion Ratio Lower Upper

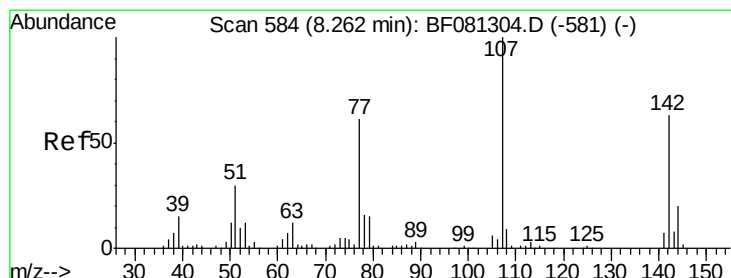
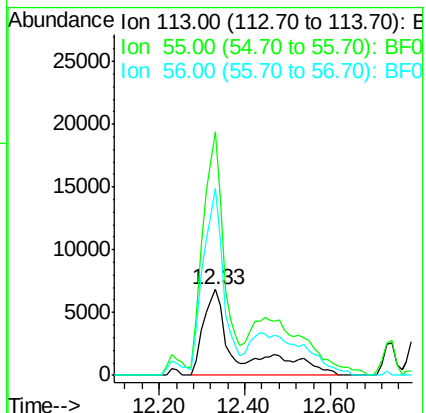
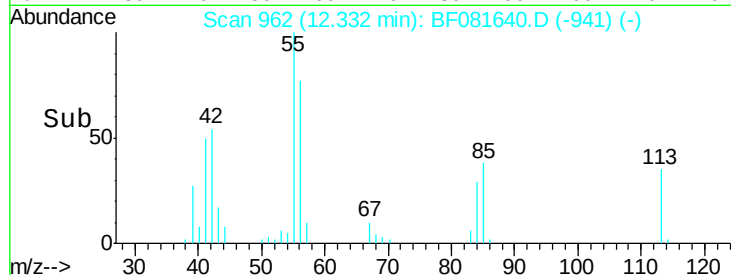
113 100

55 284.2 152.4 192.4#

56 218.6 104.6 144.6#

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#36

4-Chloro-3-methylphenol

Concen: 47.80 ng

RT: 12.74 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

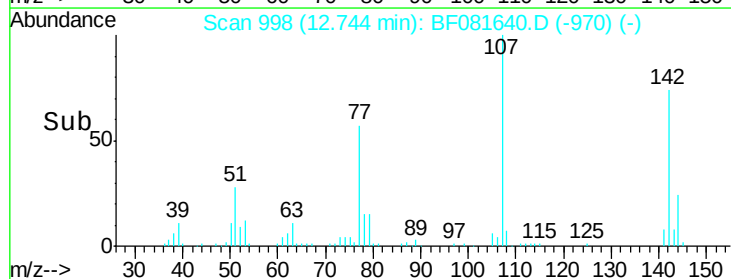
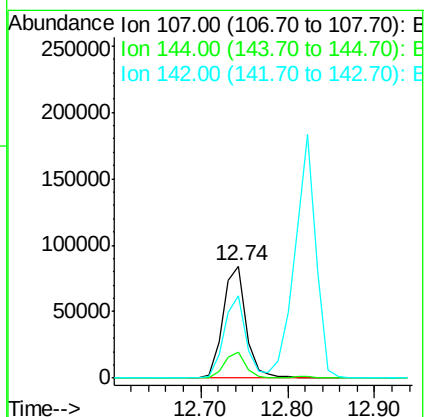
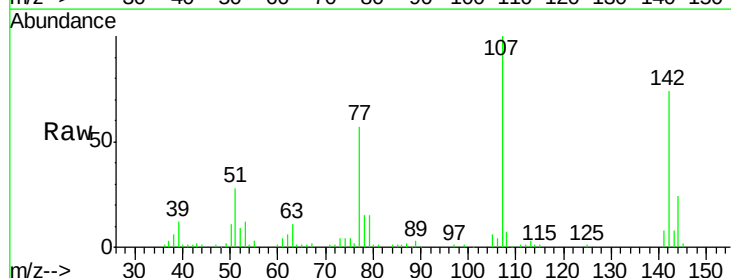
Tgt Ion:107 Resp: 155305

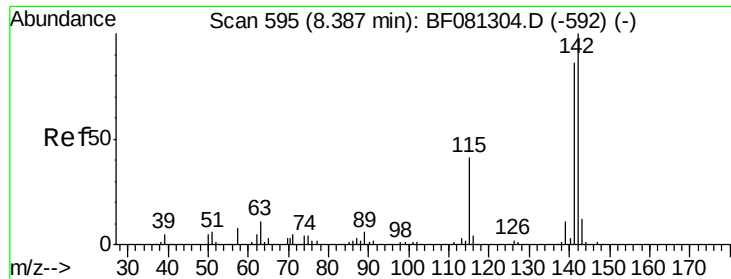
Ion Ratio Lower Upper

107 100

144 23.7 25.4 38.0#

142 73.7 77.3 115.9#





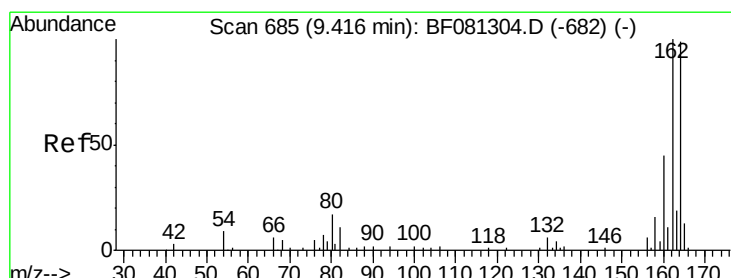
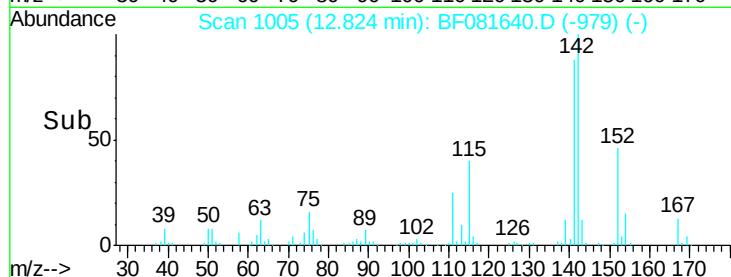
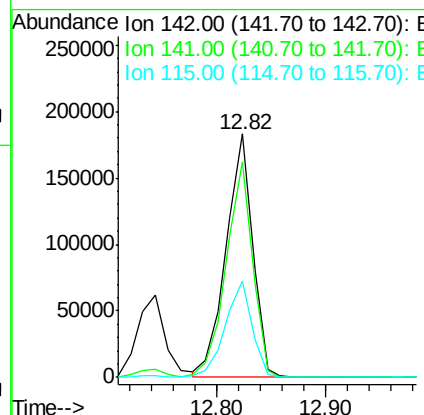
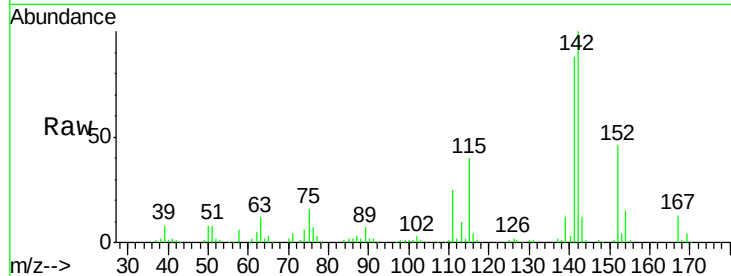
#37
2-Methylnaphthalene
Concen: 43.47 ng
RT: 12.82 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	311691		
141	88.3	67.5	101.3	
115	39.8	18.2	27.2#	

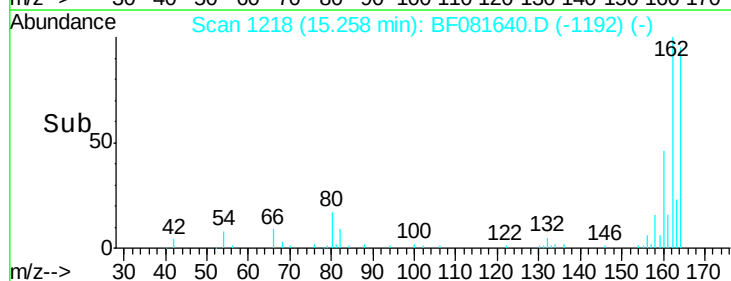
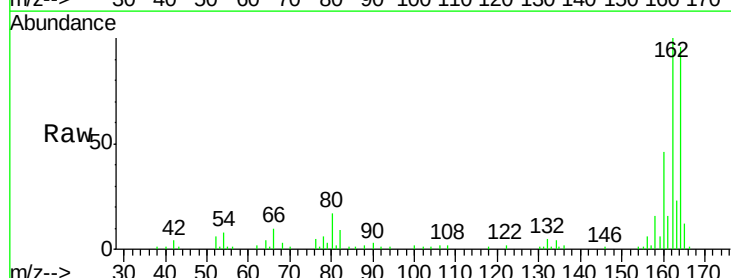
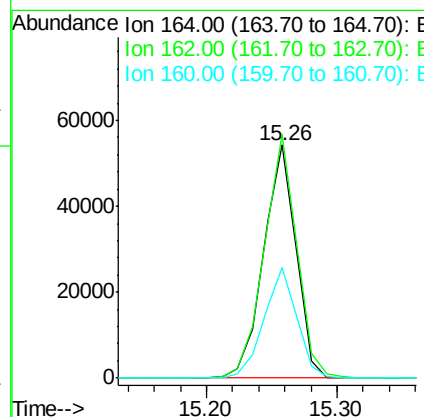
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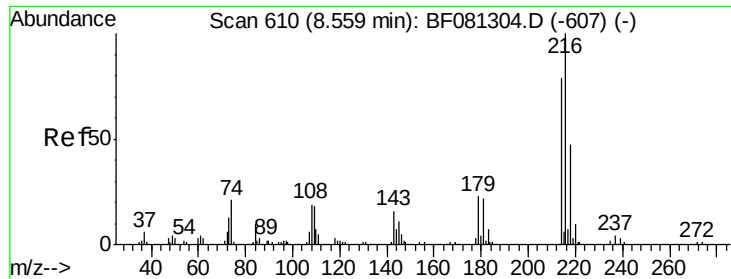
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.26 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94102		
162	104.4	75.2	112.8	
160	47.6	31.5	47.3#	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.68 ng

RT: 13.23 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

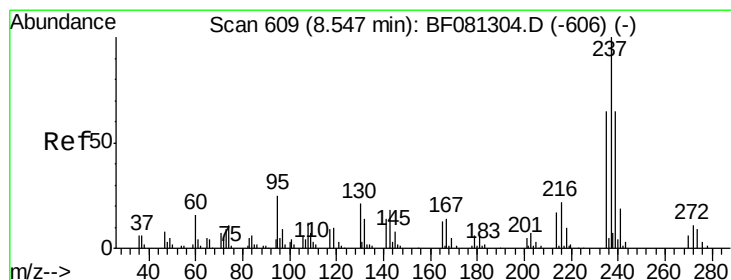
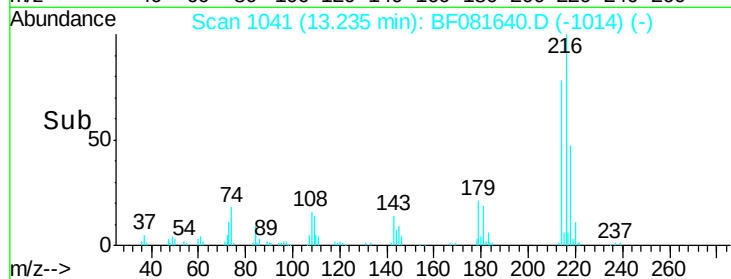
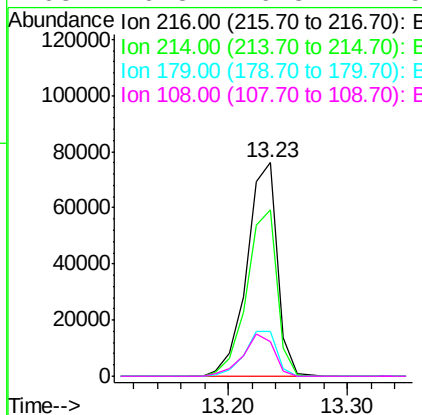
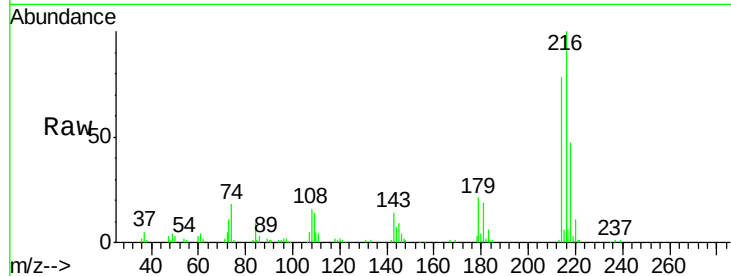
ClientSampleId :

B-20MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	135953		
214	77.6	63.5	95.3	
179	22.4	16.6	24.8	
108	20.3	16.3	24.5	



#40

Hexachlorocyclopentadiene

Concen: 23.86 ng

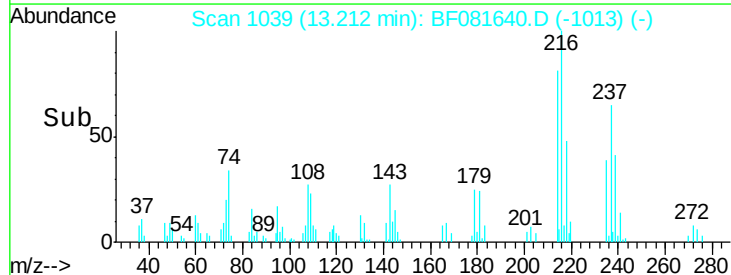
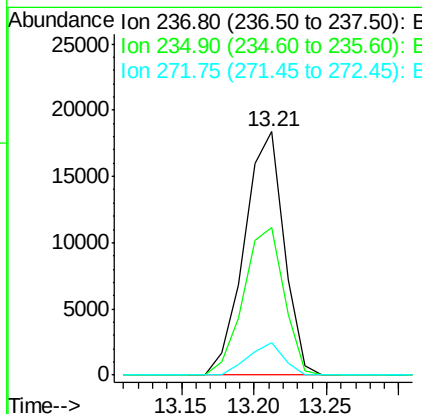
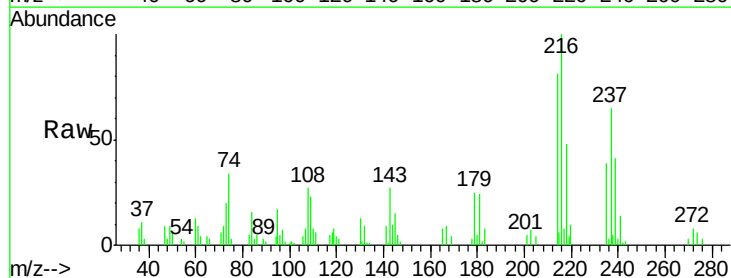
RT: 13.21 min Scan# 1039

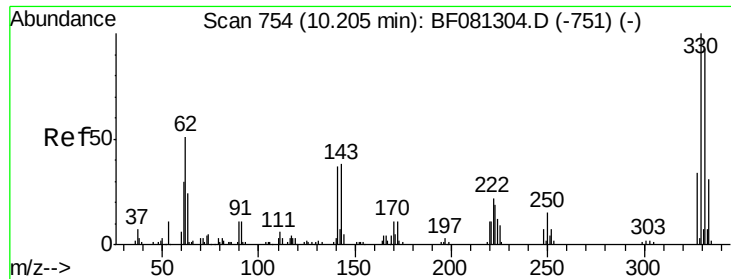
Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	34848		
235	60.4	42.0	82.0	
272	13.1	0.0	36.1	





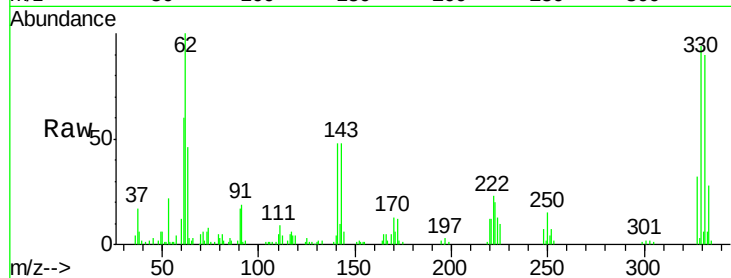
#41
 2,4,6-Tribromophenol
 Concen: 131.33 ng
 RT: 17.17 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

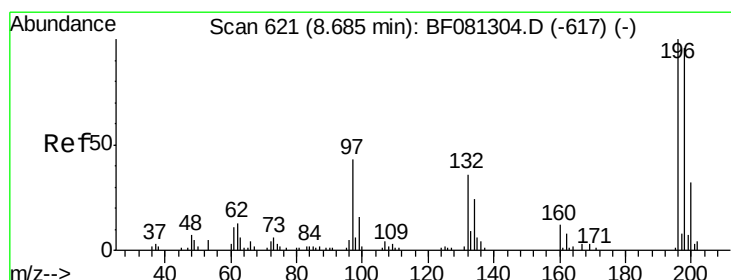
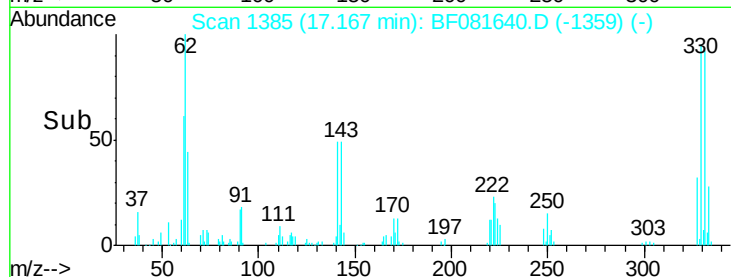
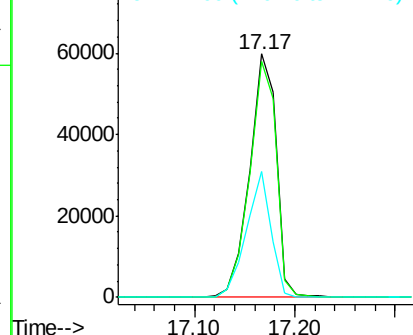
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110043		
332	96.4	76.6	114.8	
141	47.4	29.7	44.5#	

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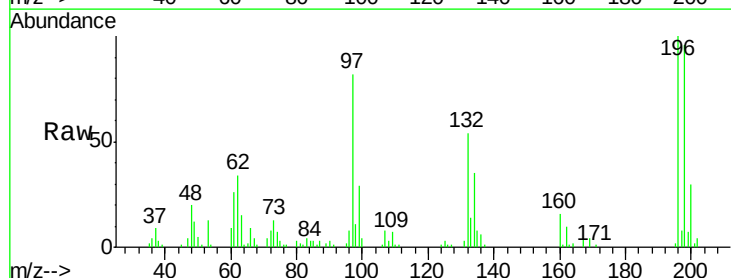


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

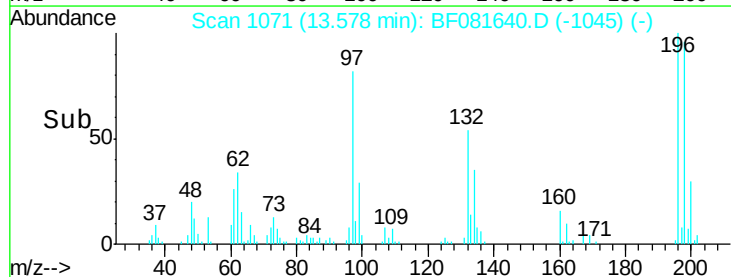
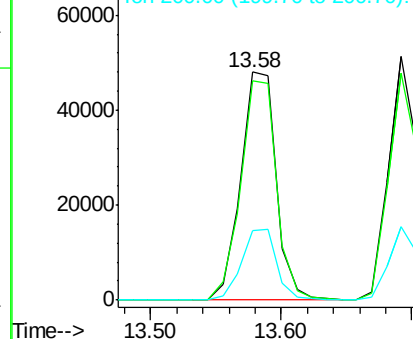


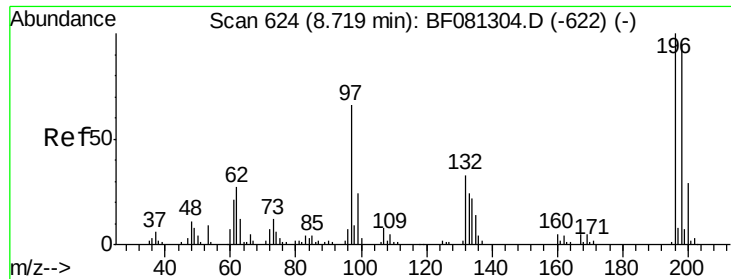
#42
 2,4,6-Trichlorophenol
 Concen: 44.06 ng
 RT: 13.58 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90494		
198	96.2	75.7	113.5	
200	30.3	23.9	35.9	



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





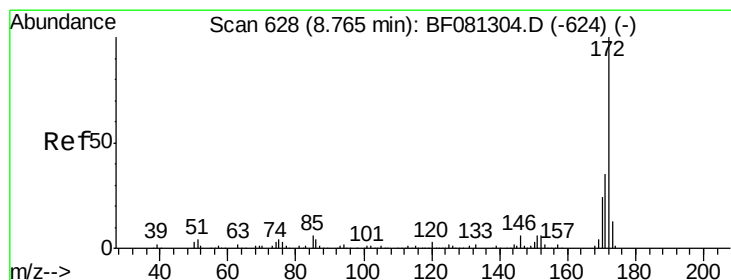
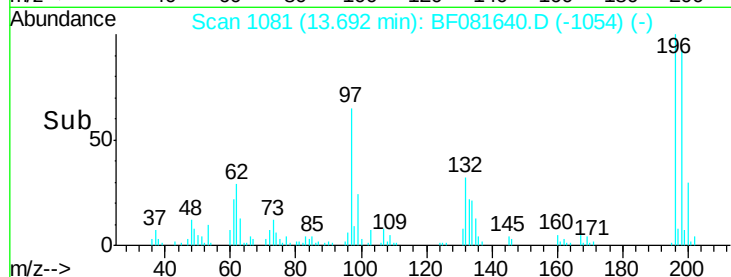
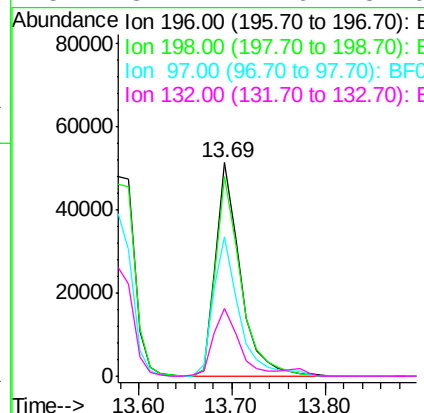
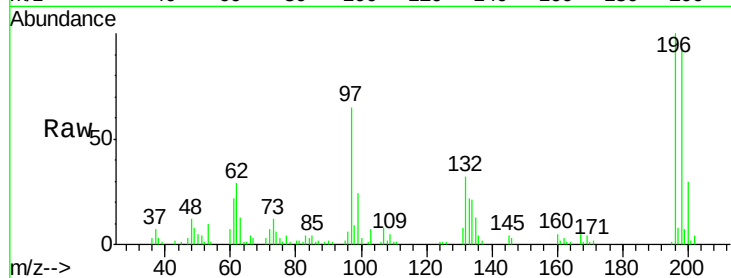
#43
 2,4,5-Trichlorophenol
 Concen: 45.35 ng
 RT: 13.69 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95032		
198	93.4	75.4	113.0	
97	65.3	33.3	49.9	
132	32.1	24.6	37.0	

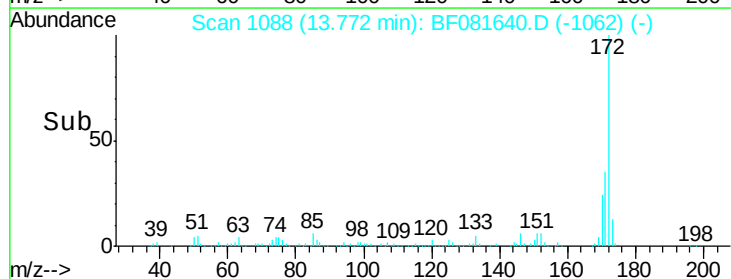
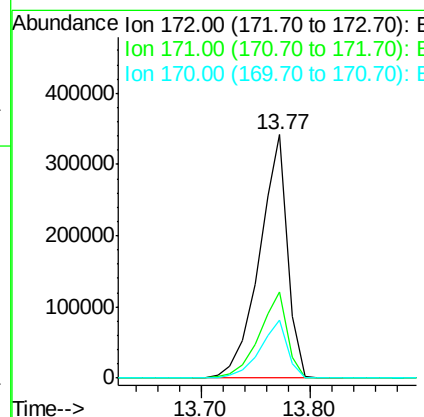
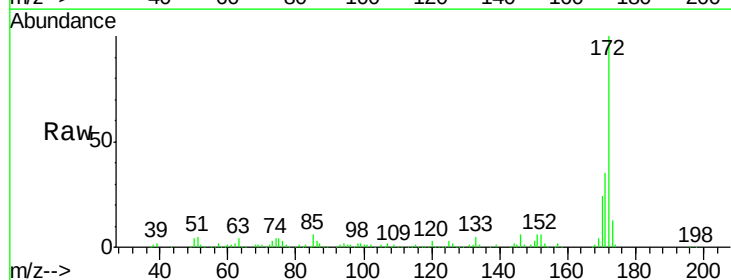
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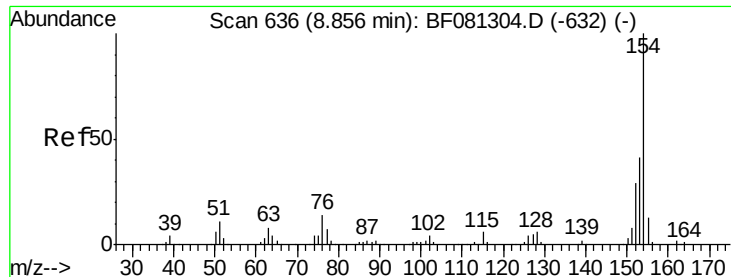
MMDadoda
 9/16/2015 1:24:13 PM



#44
 2-Fluorobiphenyl
 Concen: 83.45 ng
 RT: 13.77 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	612804		
171	35.3	26.1	39.1	
170	23.9	17.4	26.2	





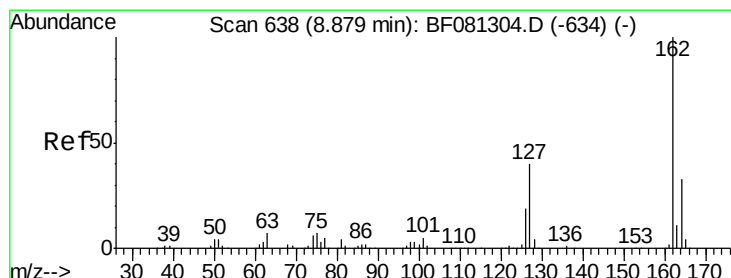
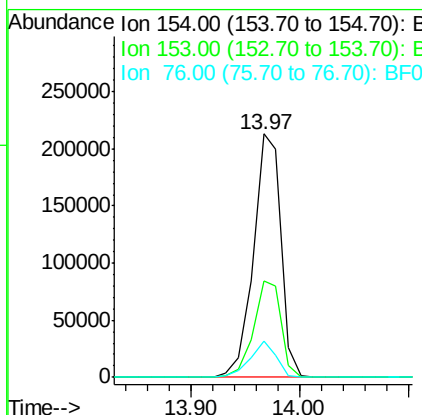
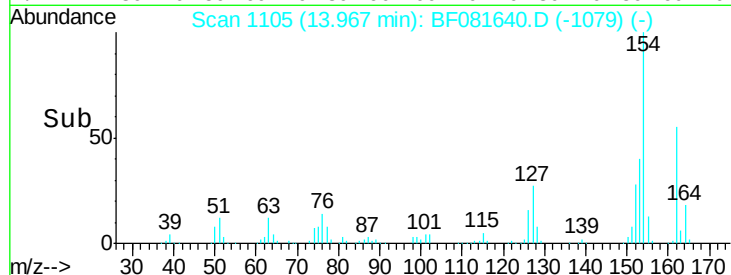
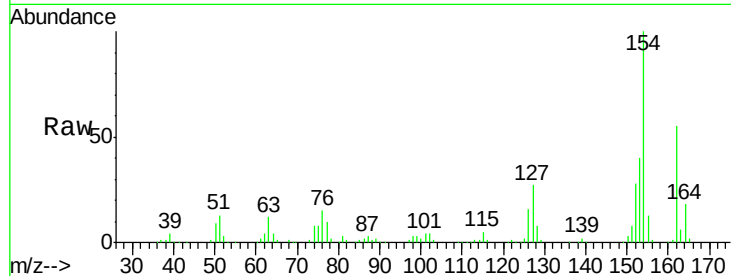
#45
 1,1'-Biphenyl
 Concen: 43.33 ng
 RT: 13.97 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Manual Integrations
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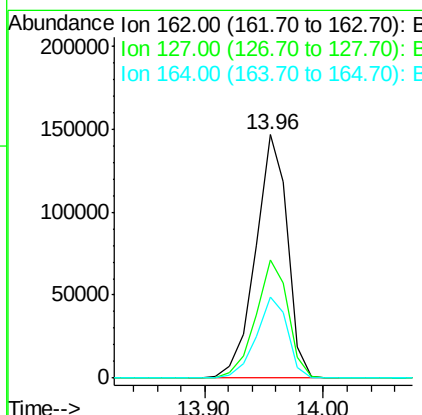
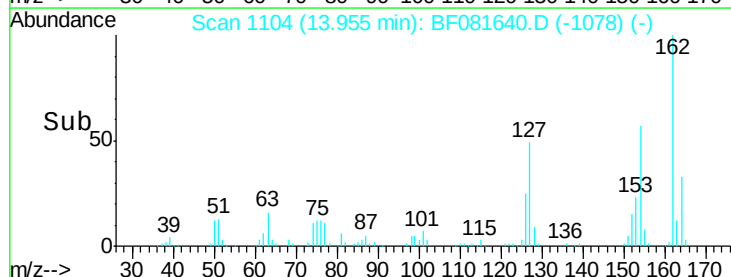
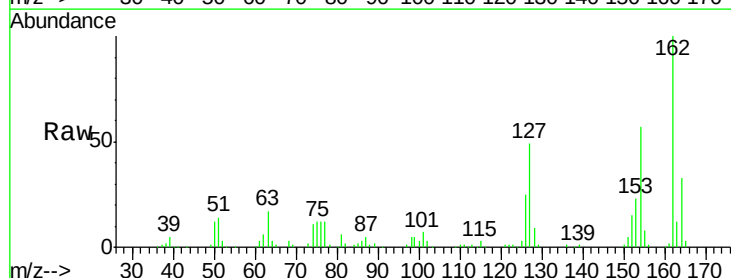
MMDadoda
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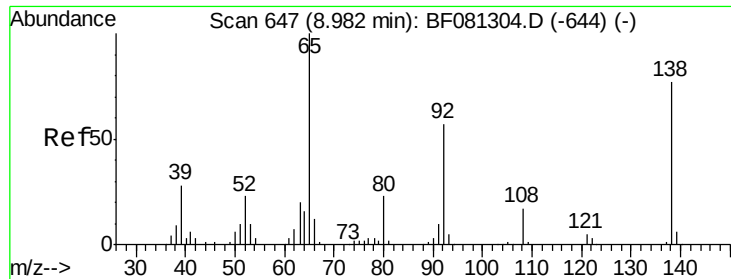
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	375111		
153	39.8	17.1	57.1	
76	14.7	0.0	31.6	



#46
 2-Chloronaphthalene
 Concen: 43.78 ng
 RT: 13.96 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	273718		
127	48.7	27.6	41.4#	
164	33.4	25.4	38.2	





#47

2-Nitroaniline

Concen: 45.84 ng

RT: 14.31 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion: 65 Resp: 116812

Ion Ratio Lower Upper

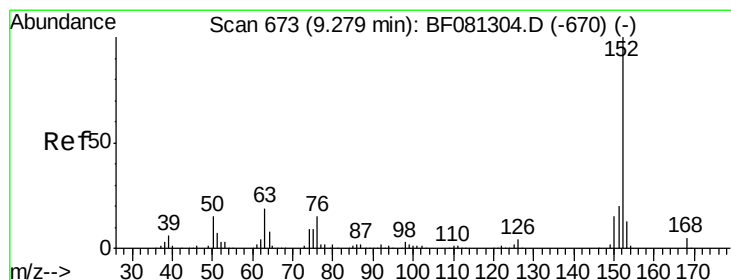
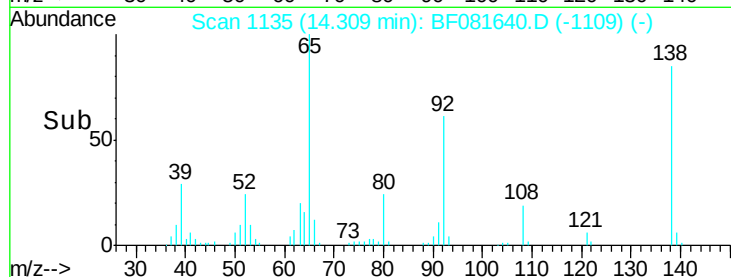
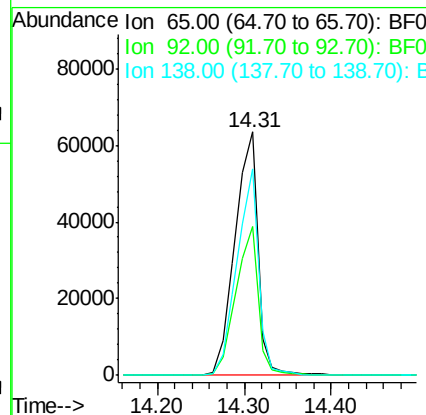
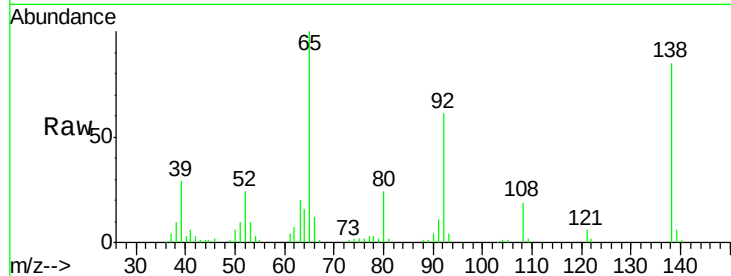
65 100

92 61.1 55.4 83.0

138 84.7 115.5 173.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 41.57 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

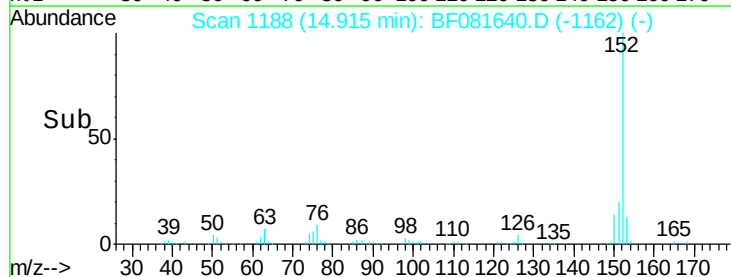
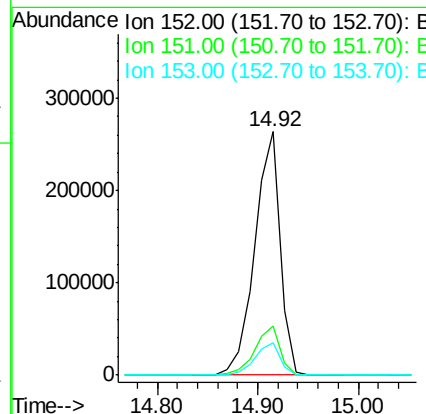
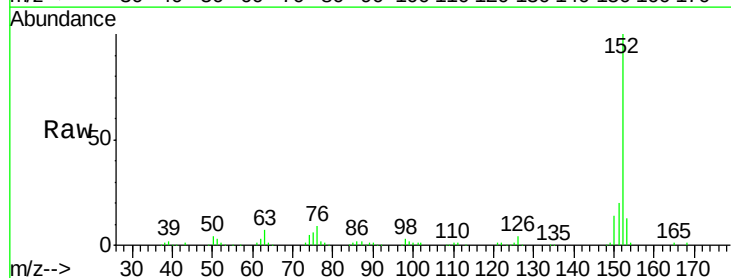
Tgt Ion: 152 Resp: 461120

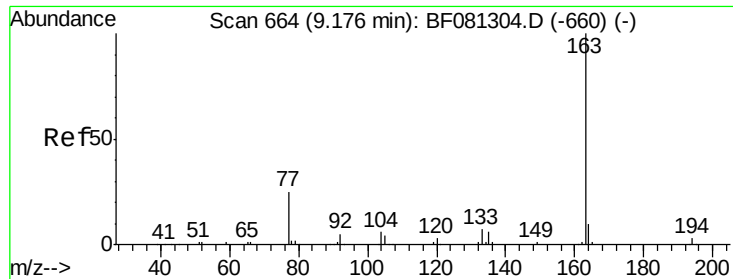
Ion Ratio Lower Upper

152 100

151 20.0 14.6 22.0

153 13.1 10.3 15.5





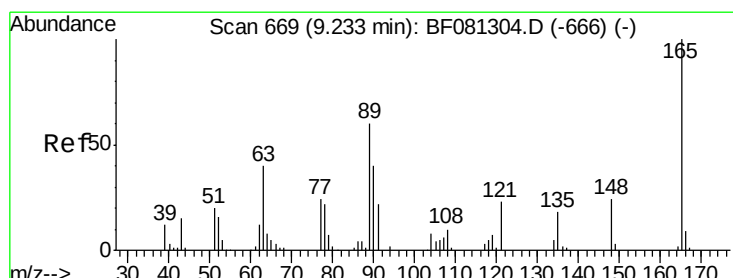
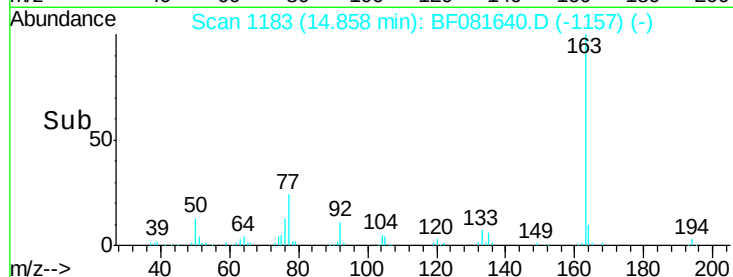
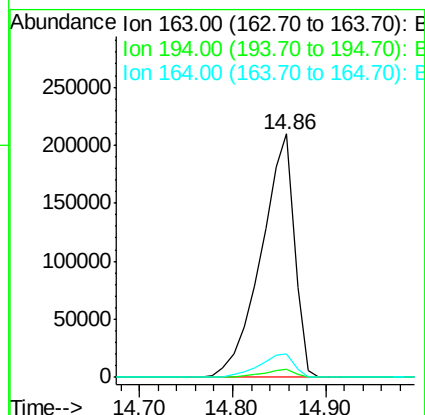
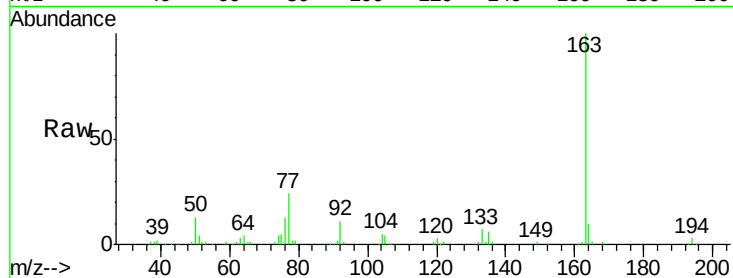
#49
Dimethylphthalate
Concen: 70.75 ng
RT: 14.86 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	517265		
194	3.2	4.4	6.6#	
164	9.7	8.3	12.5	

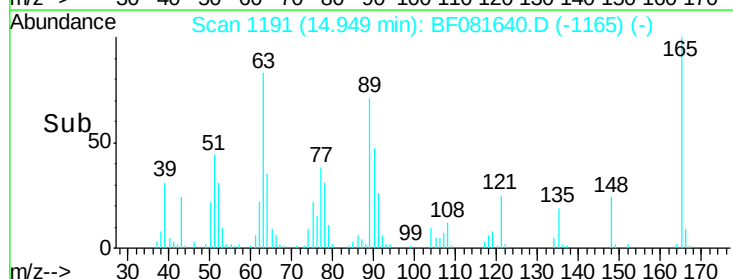
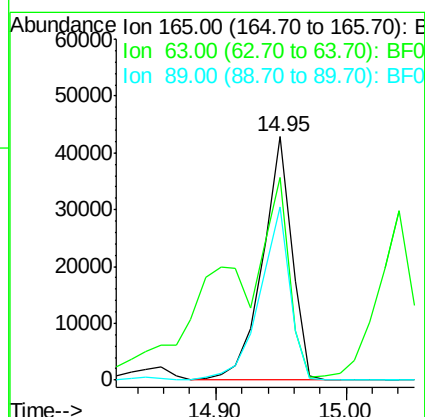
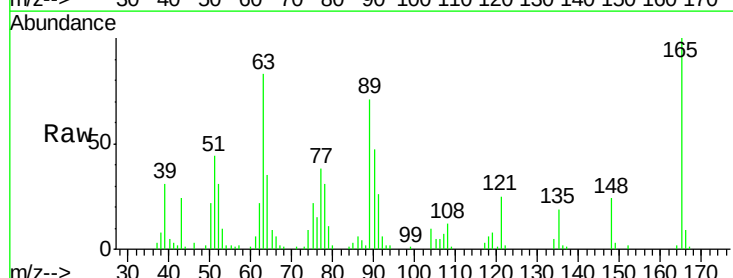
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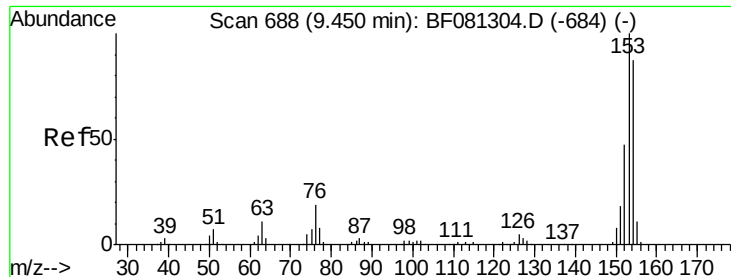
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#50
2,6-Dinitrotoluene
Concen: 40.81 ng
RT: 14.95 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	67718		
63	83.1	32.3	48.5#	
89	71.4	28.6	43.0#	





#51

Acenaphthene

Concen: 41.32 ng

RT: 15.34 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF081640.D

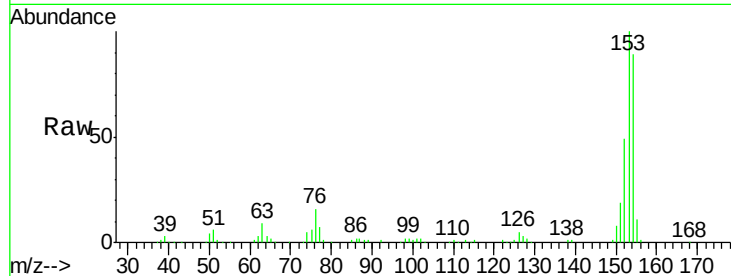
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

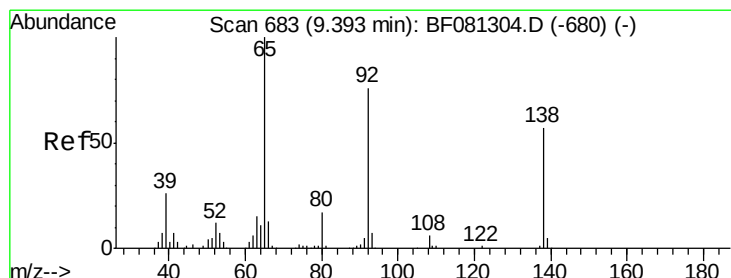
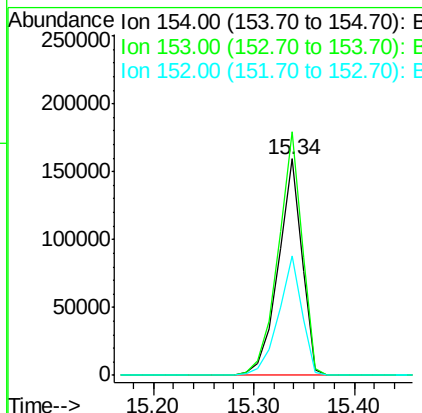
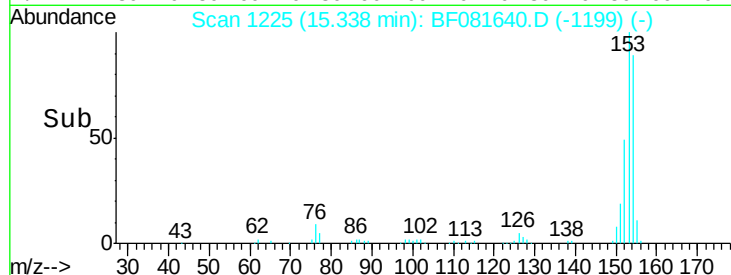
B-20MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	260740		
153	112.4	82.1	123.1	
152	55.4	37.9	56.9	

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#52

3-Nitroaniline

Concen: 24.34 ng

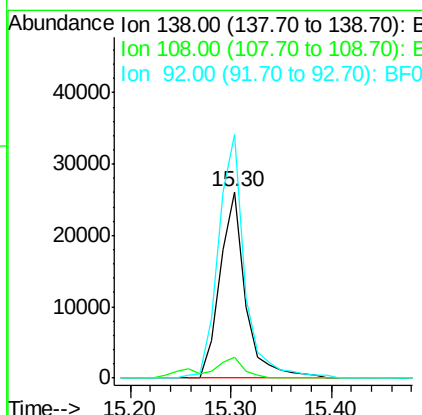
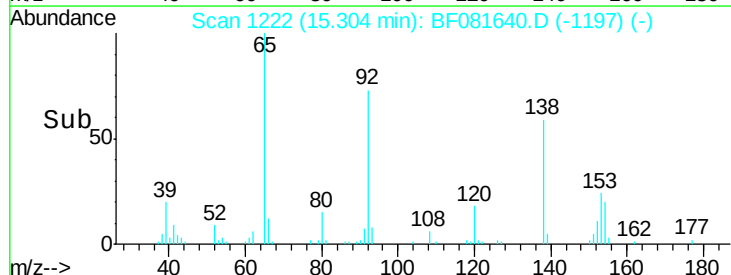
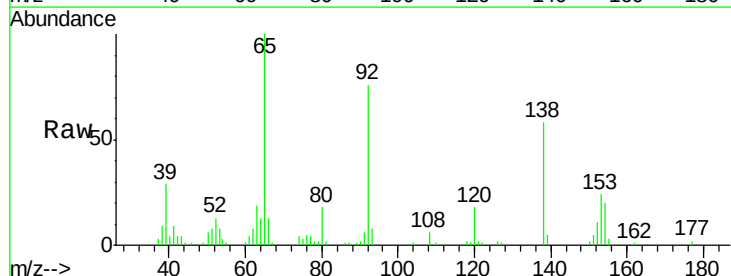
RT: 15.30 min Scan# 1222

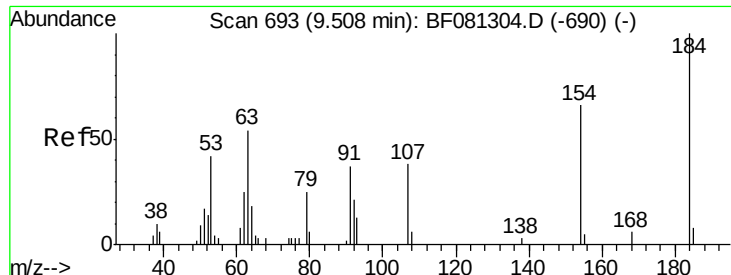
Delta R.T. -0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	45976		
108	10.9	5.7	8.5#	
92	130.6	67.7	101.5#	





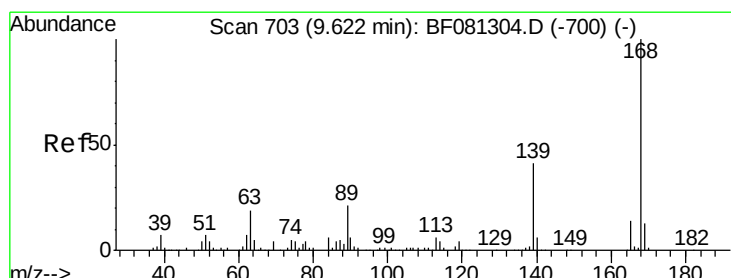
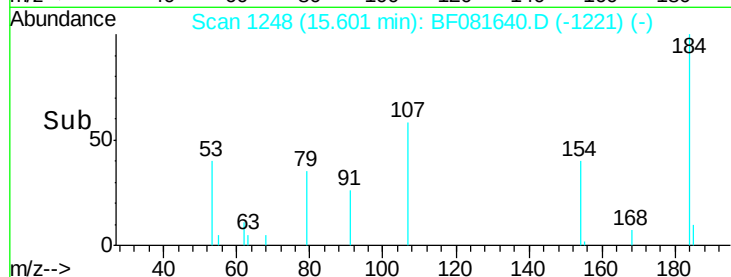
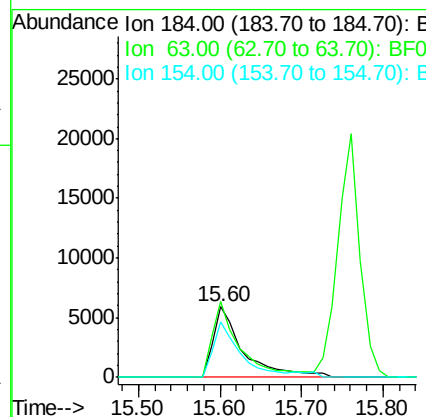
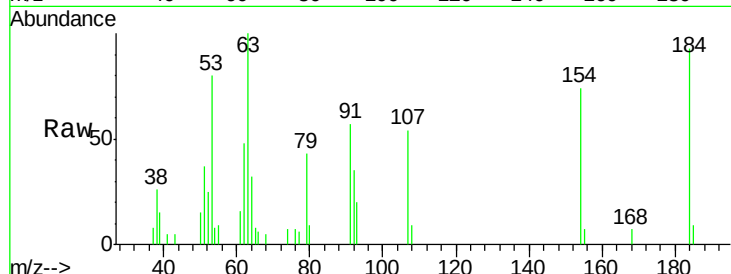
#53
2,4-Dinitrophenol
Concen: 23.12 ng
RT: 15.60 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	15154		
63	107.6	35.4	53.2#	
154	79.3	32.2	48.4#	

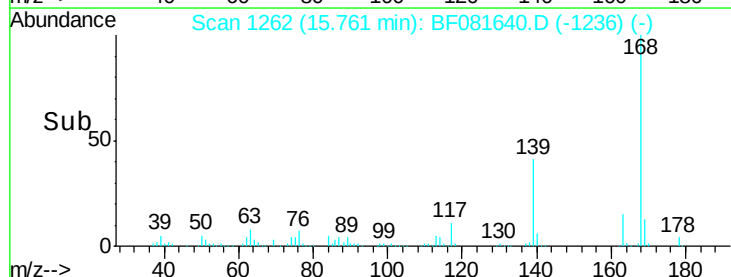
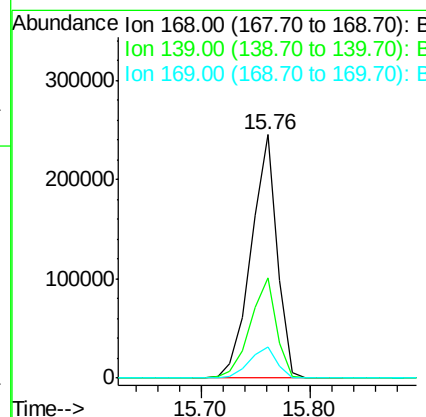
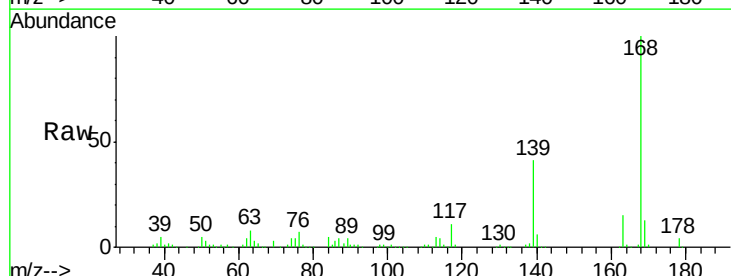
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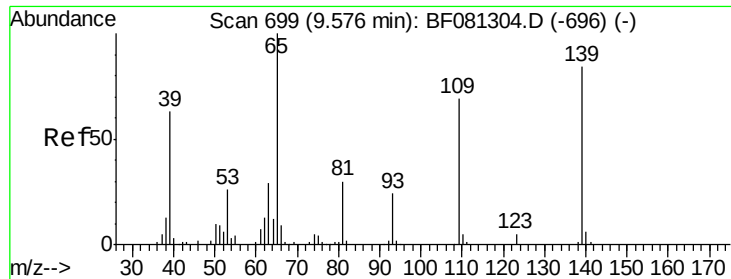
MMDadoda
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#54
Dibenzofuran
Concen: 44.22 ng
RT: 15.76 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	407404		
139	41.4	24.2	36.2#	
169	12.8	10.6	15.8	





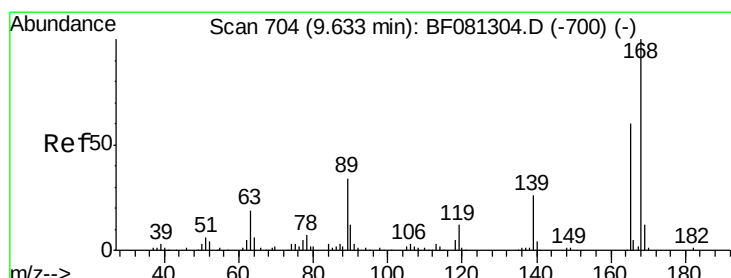
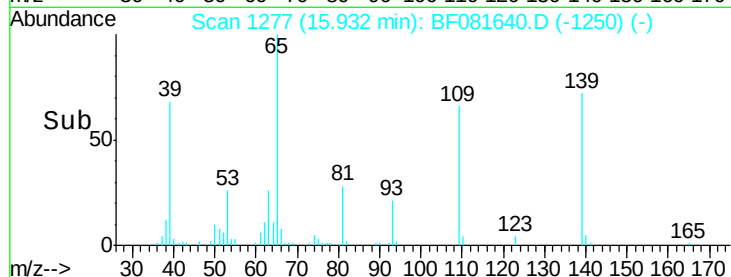
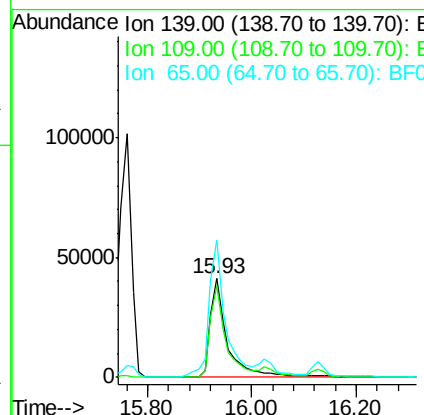
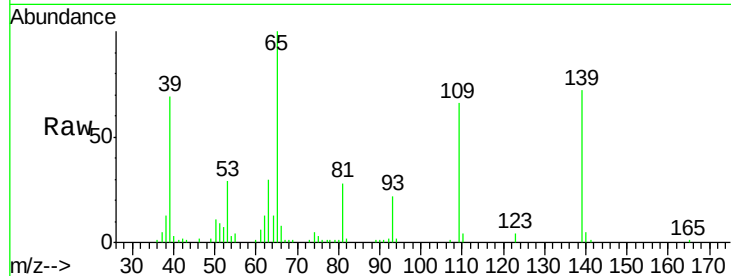
#55
4-Nitrophenol
Concen: 80.14 ng
RT: 15.93 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampled :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	95109		
109	92.0	12.7	52.7#	
65	139.4	45.9	85.9#	

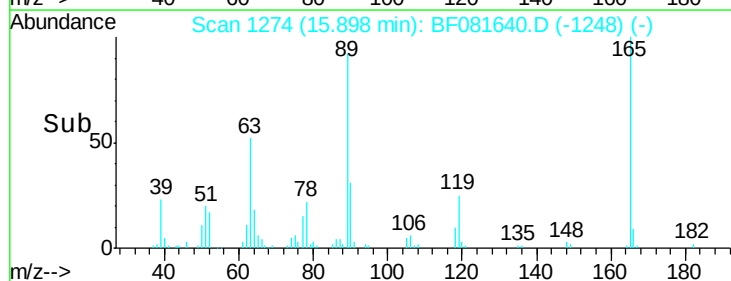
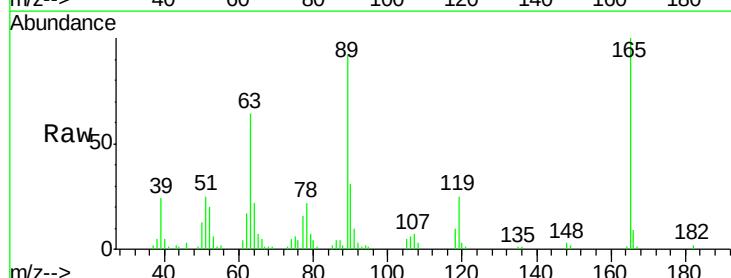
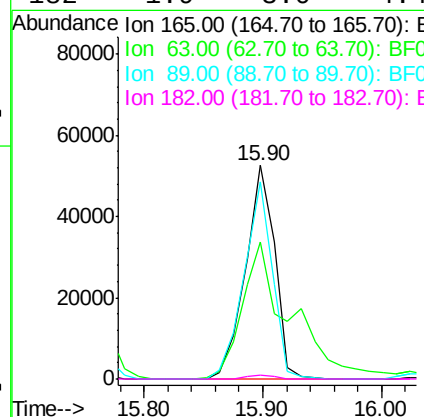
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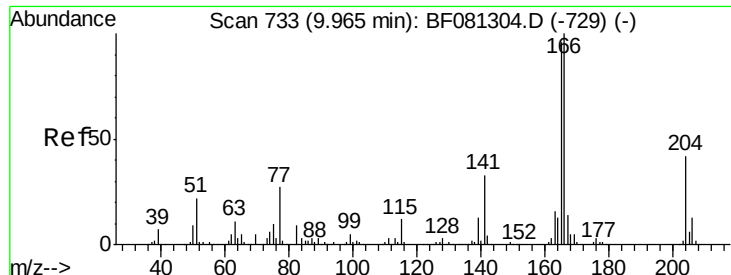
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#56
2,4-Dinitrotoluene
Concen: 42.94 ng
RT: 15.90 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90732		
63	64.4	29.8	44.6#	
89	92.4	44.5	66.7#	
182	1.9	3.0	4.4#	





#57

Fluorene

Concen: 44.80 ng

RT: 16.57 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF081640.D

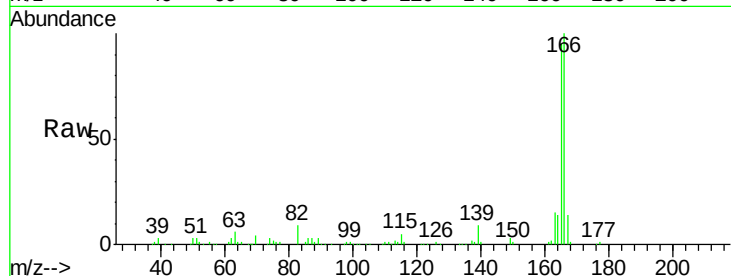
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

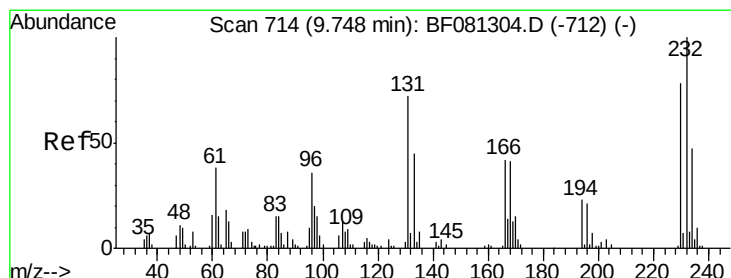
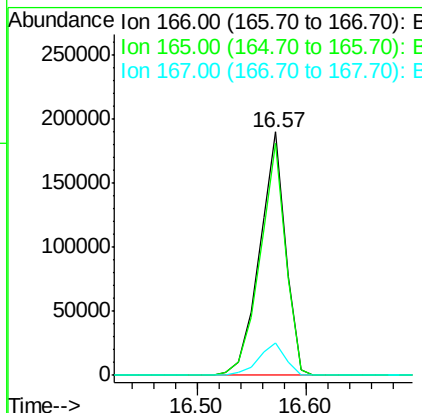
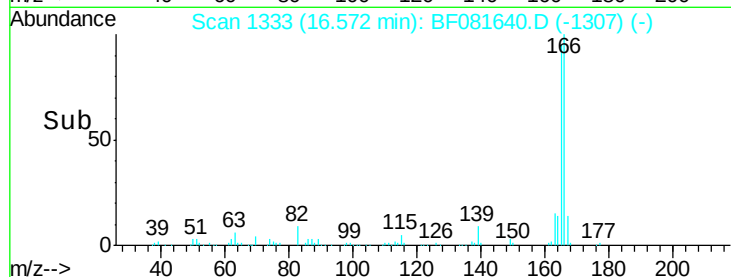
B-20MSD



Tgt Ion:	166	Resp:	313222
Ion Ratio	Lower	Upper	
166	100		
165	95.3	72.6	109.0
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

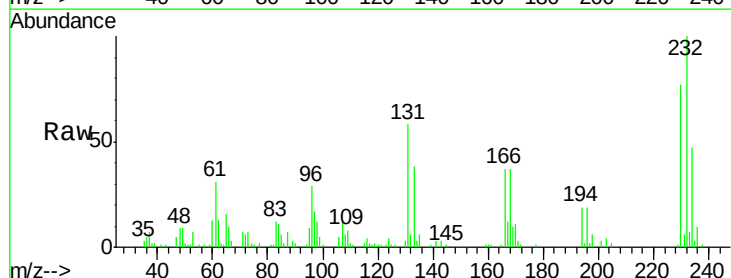
Concen: 45.02 ng m

RT: 16.13 min Scan# 1294

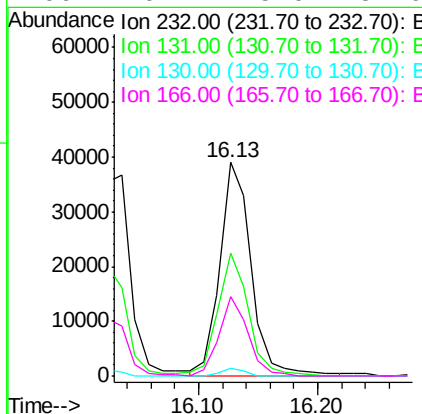
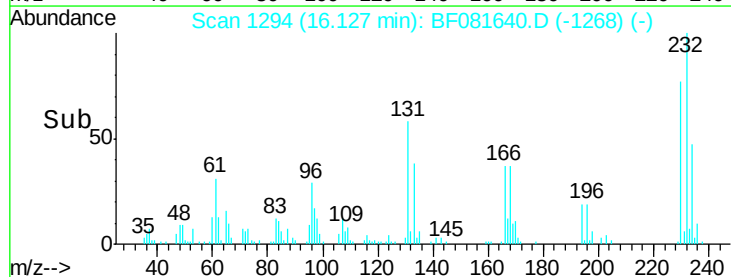
Delta R.T. -0.00 min

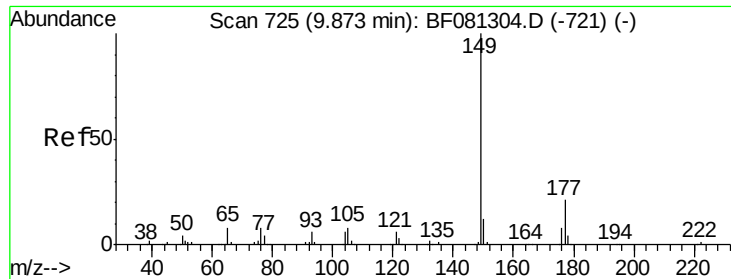
Lab File: BF081640.D

Acq: 15 Sep 2015 21:38



Tgt Ion:	232	Resp:	72014
Ion Ratio	Lower	Upper	
232	100		
131	48.7	38.5	57.7
130	2.1	1.8	2.6
166	26.1	25.0	37.6





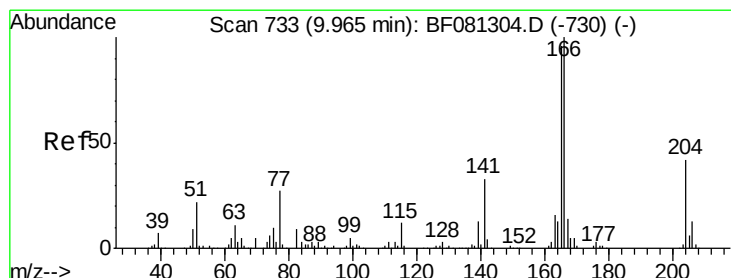
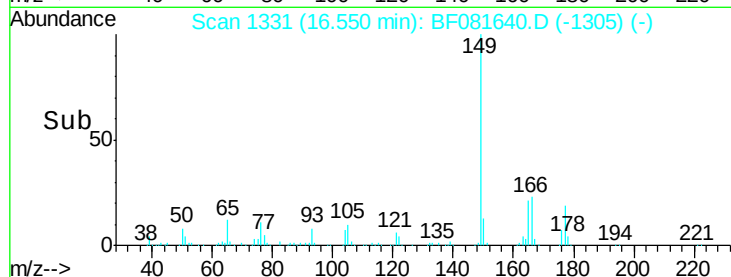
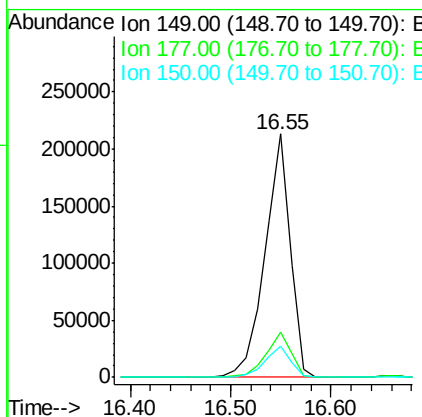
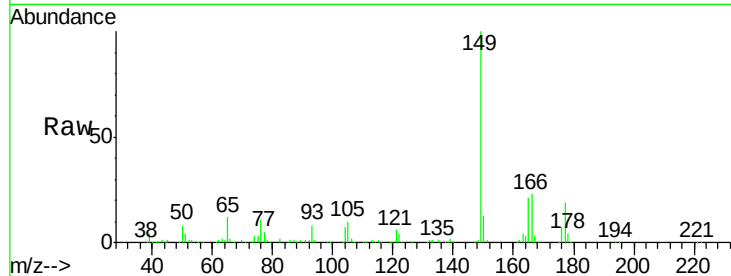
#59
Diethylphthalate
Concen: 48.08 ng
RT: 16.55 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	369794		
177	18.7	17.5	26.3	
150	12.7	9.4	14.2	

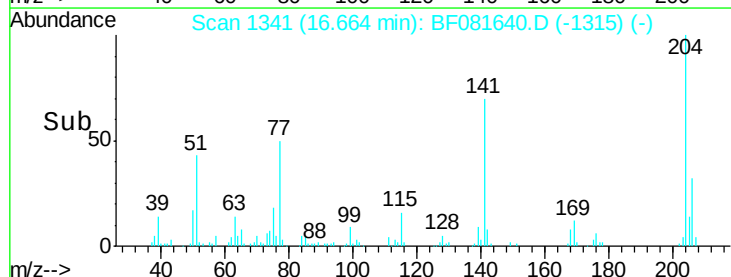
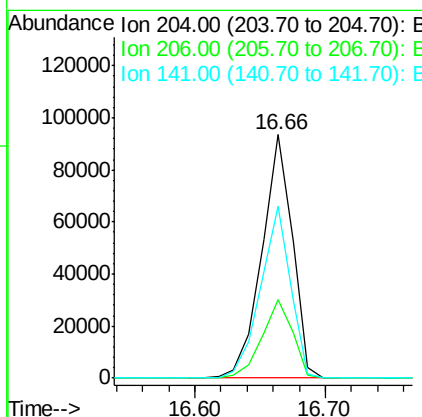
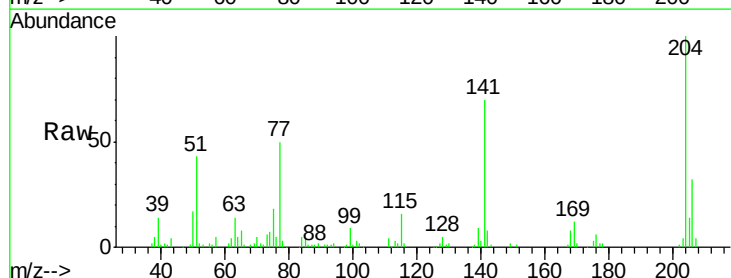
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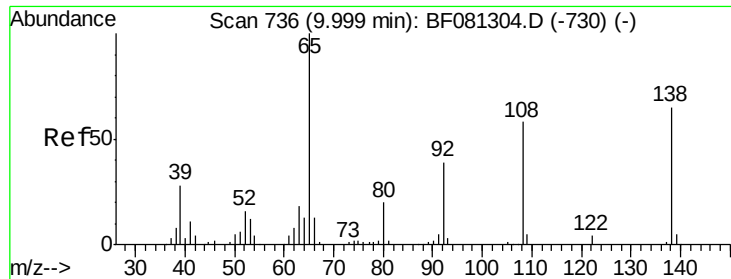
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 47.02 ng
RT: 16.66 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	153228		
206	32.1	24.8	37.2	
141	70.5	42.2	63.4	





#61

4-Nitroaniline

Concen: 31.54 ng

RT: 16.78 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF081640.D

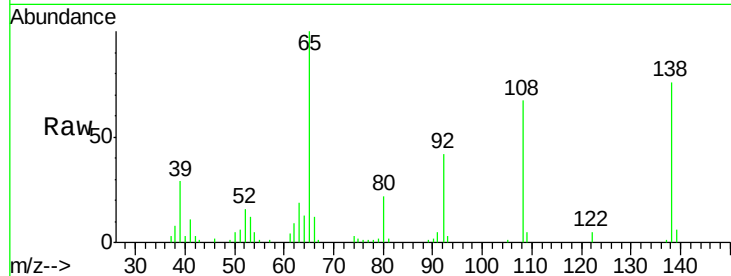
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

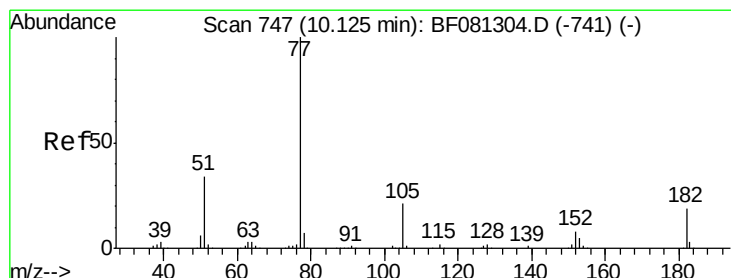
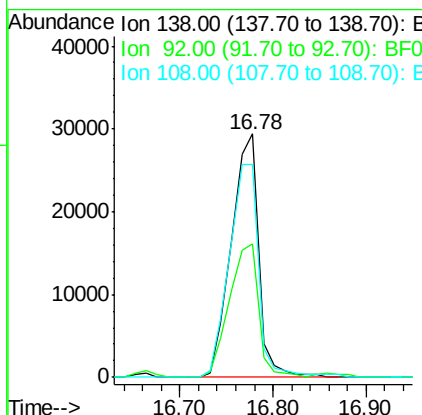
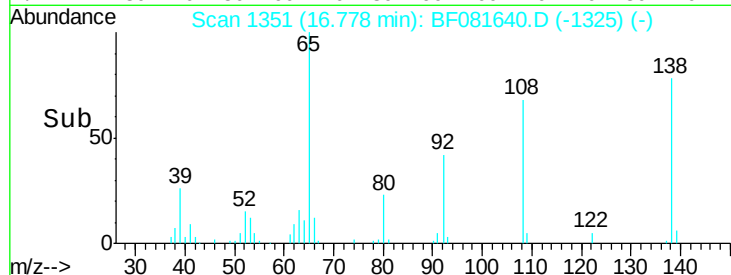
B-20MSD



Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	12.6	52.6#
108	87.3	12.4	52.4#

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#62

Azobenzene

Concen: 46.14 ng

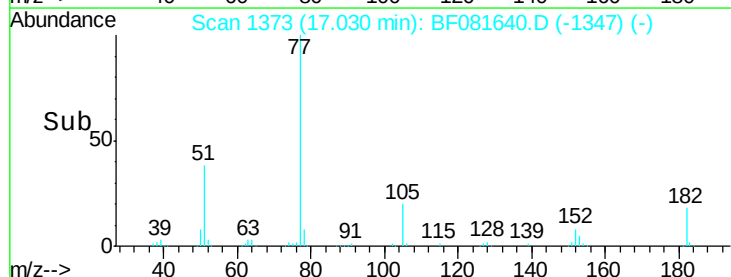
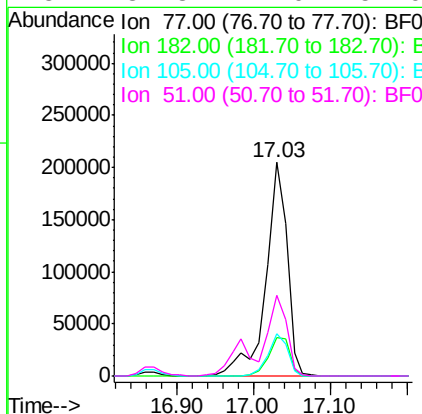
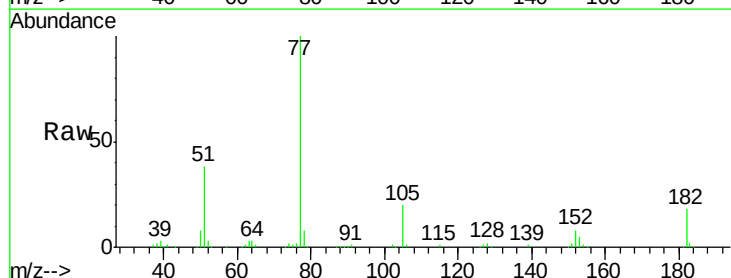
RT: 17.03 min Scan# 1373

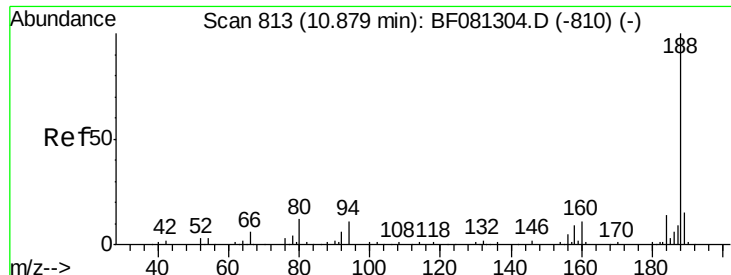
Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	15.1	55.1
105	19.8	3.4	43.4
51	37.8	12.0	52.0





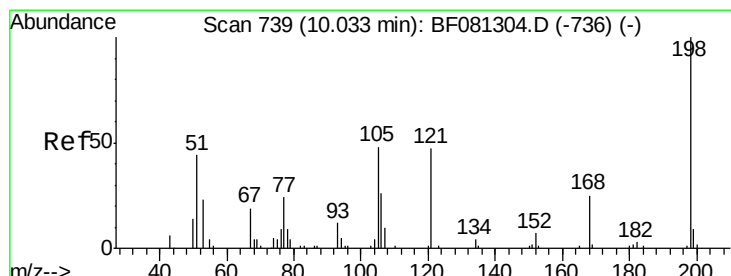
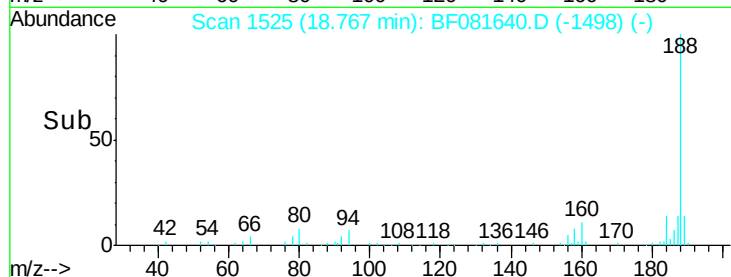
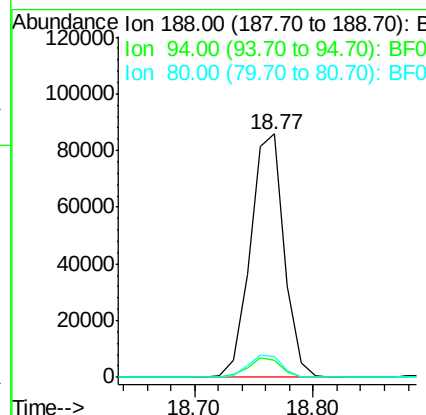
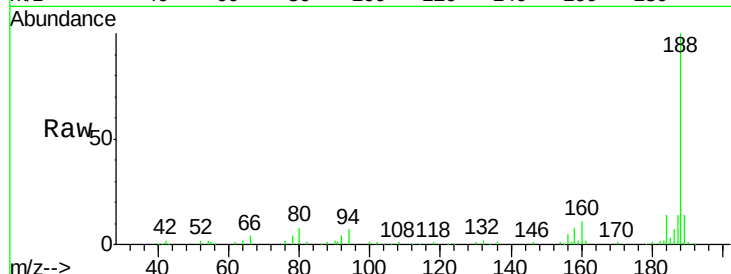
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.77 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	170079		
94	7.1	11.1	16.7#	
80	8.3	11.0	16.4#	

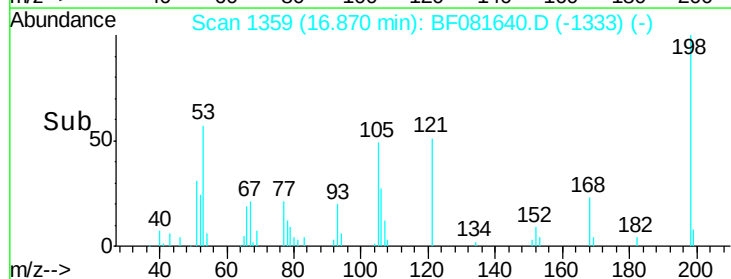
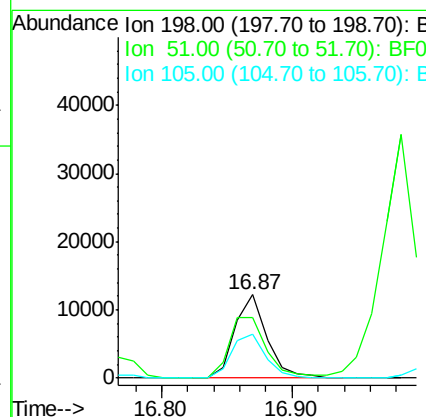
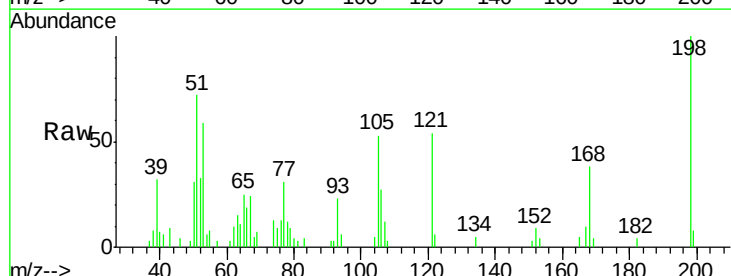
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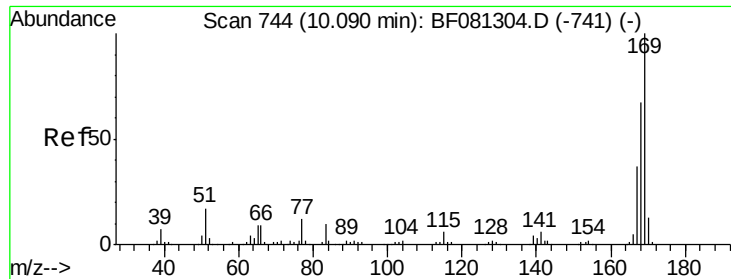
MMDadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.01 ng
RT: 16.87 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	20941		
51	72.4	39.6	79.6	
105	53.3	28.5	68.5	





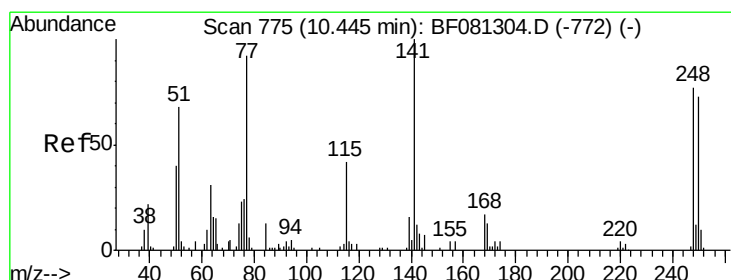
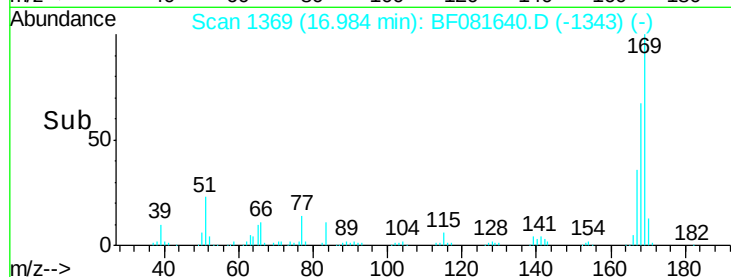
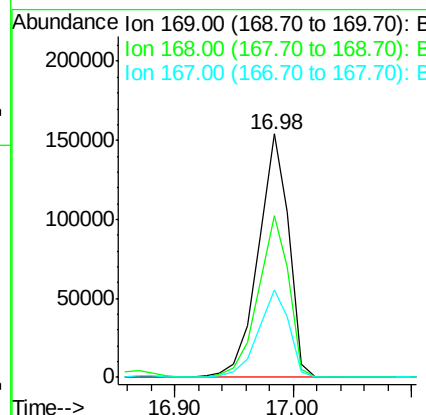
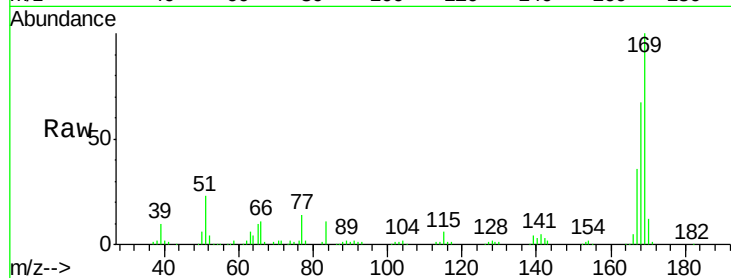
#65
n-Nitrosodiphenylamine
Concen: 44.36 ng
RT: 16.98 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	274518		
168	66.6	48.9	73.3	
167	35.9	26.2	39.4	

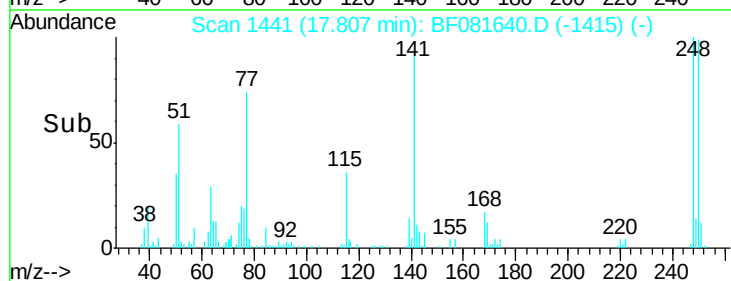
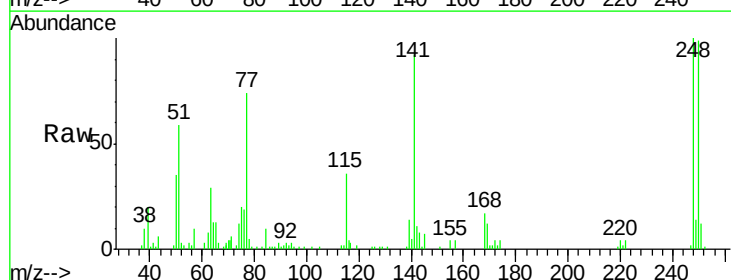
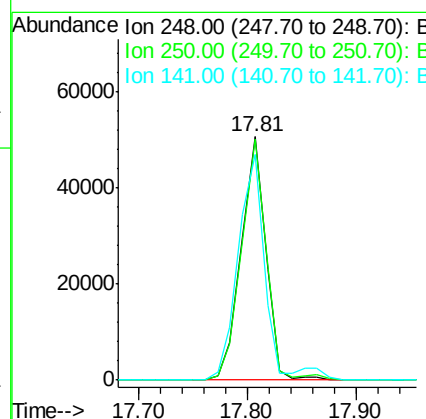
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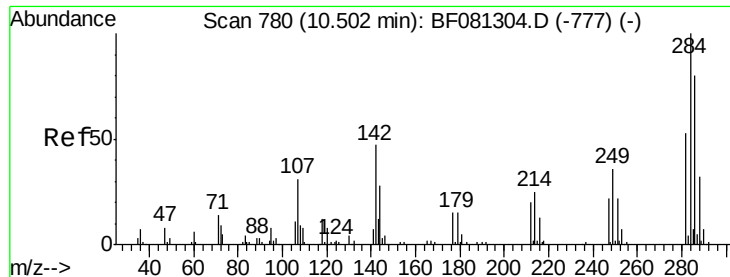
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#66
4-Bromophenyl-phenylether
Concen: 46.18 ng
RT: 17.81 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	79412		
250	98.9	78.5	117.7	
141	92.5	59.0	88.6	





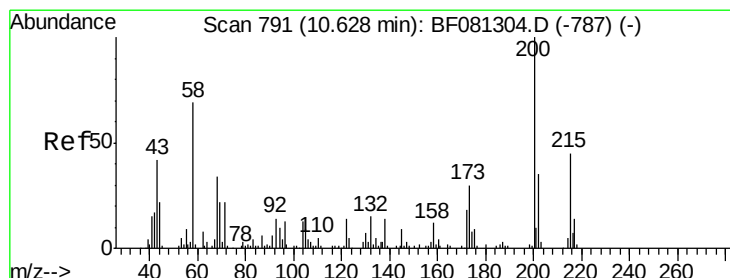
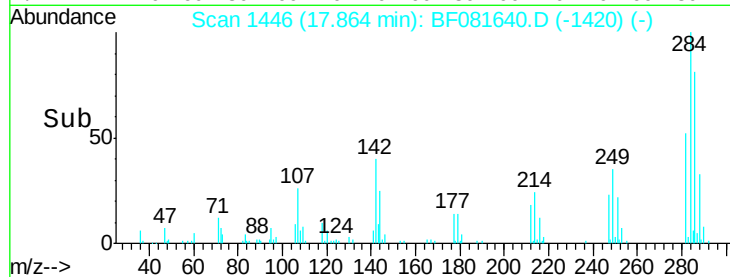
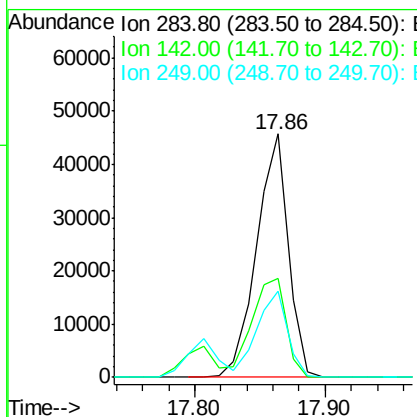
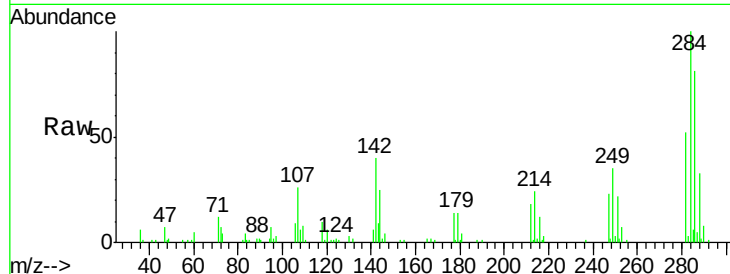
#67
 Hexachlorobenzene
 Concen: 43.15 ng
 RT: 17.86 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion:	284	Resp:	77583
Ion Ratio	Lower	Upper	
284	100		
142	40.5	29.5	44.3
249	35.5	19.5	29.3

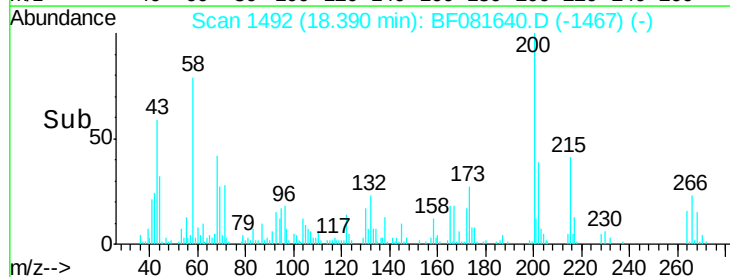
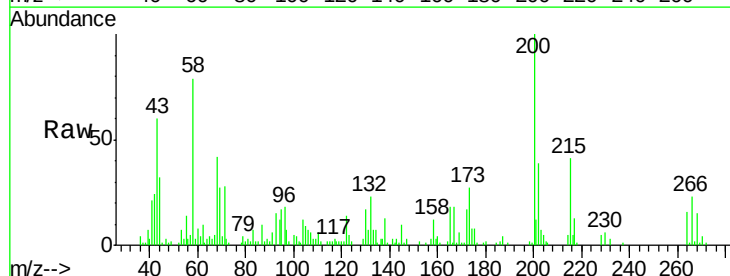
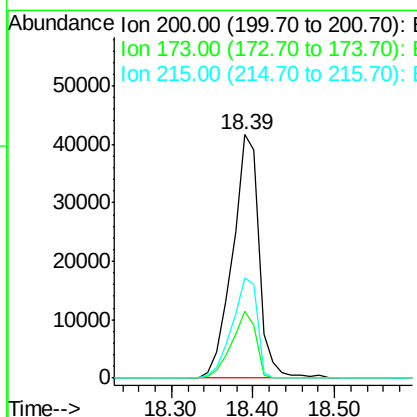
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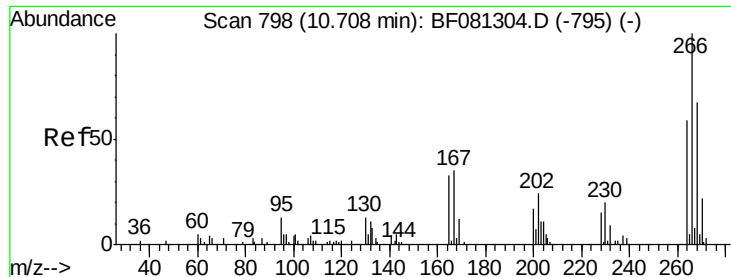
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#68
 Atrazine
 Concen: 52.53 ng
 RT: 18.39 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:	200	Resp:	94084
Ion Ratio	Lower	Upper	
200	100		
173	27.3	13.2	53.2
215	41.1	41.8	81.8





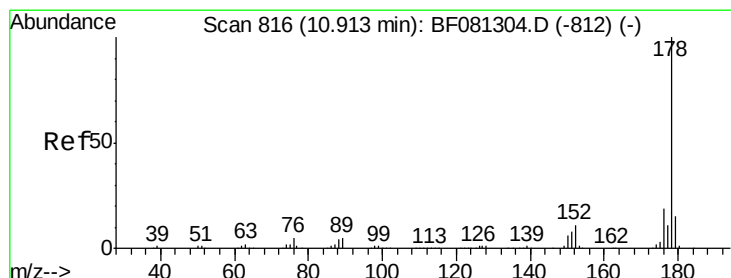
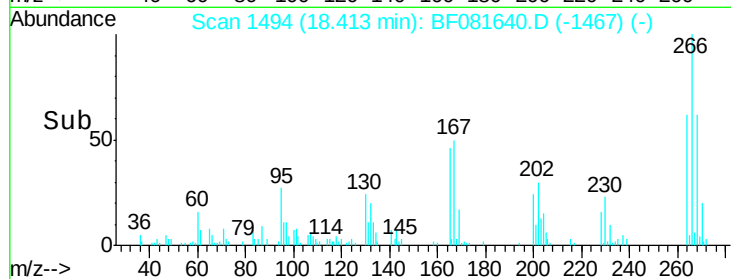
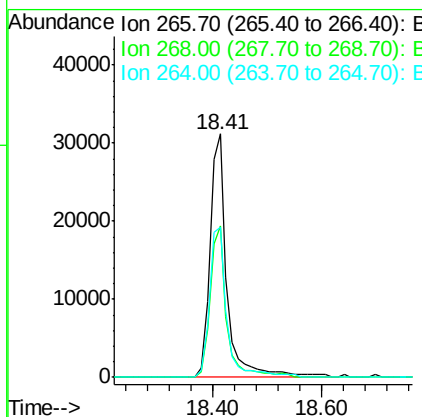
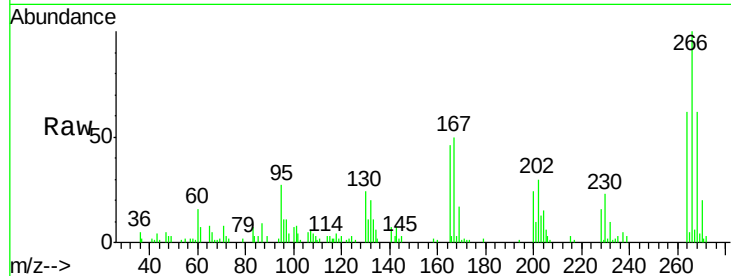
#69
 Pentachlorophenol
 Concen: 78.11 ng
 RT: 18.41 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68175		
268	62.3	49.8	74.6	
264	61.8	50.2	75.2	

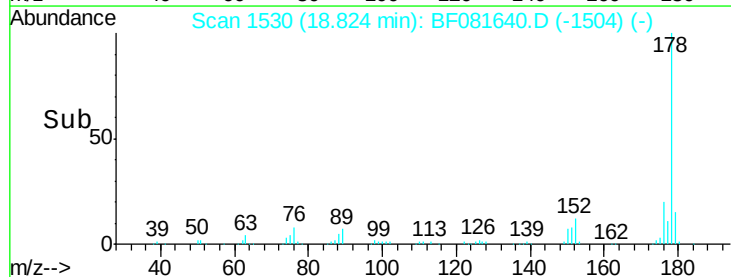
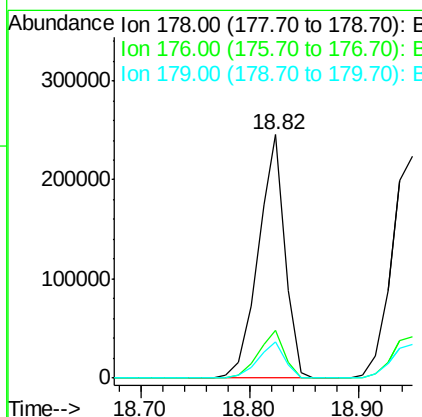
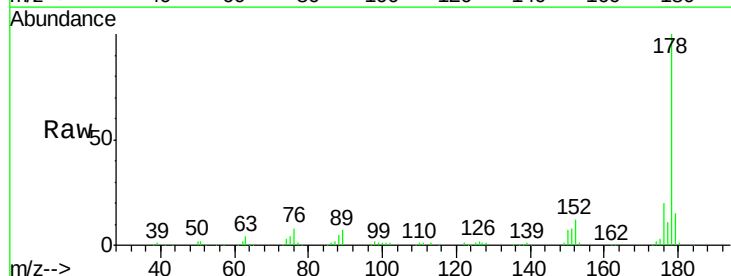
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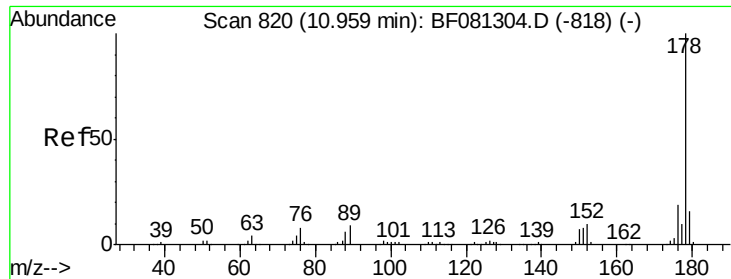
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#70
 Phenanthrene
 Concen: 43.95 ng
 RT: 18.82 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	415547		
176	19.6	13.8	20.8	
179	15.0	12.2	18.2	





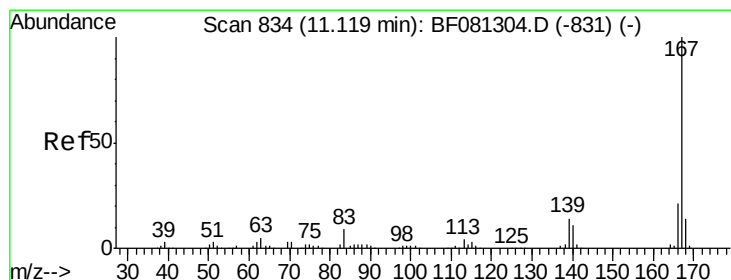
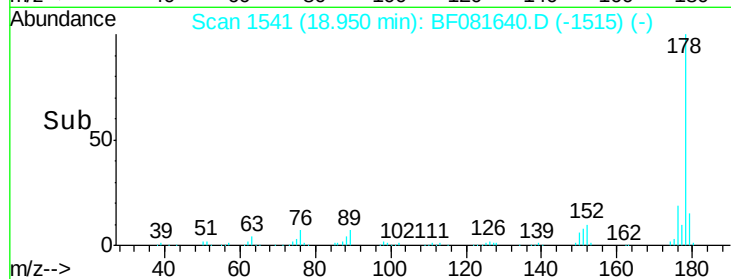
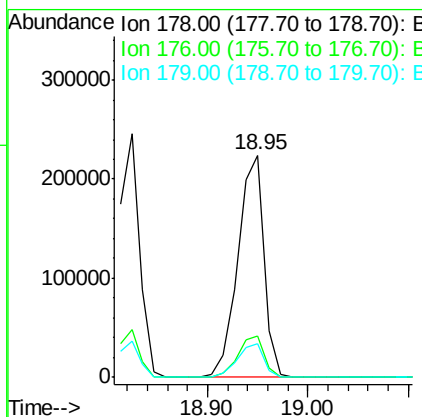
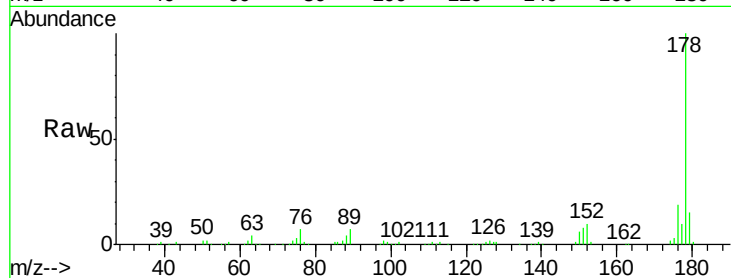
#71
 Anthracene
 Concen: 41.52 ng
 RT: 18.95 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	403325		
176	18.8		14.1	21.1
179	15.1		12.2	18.2

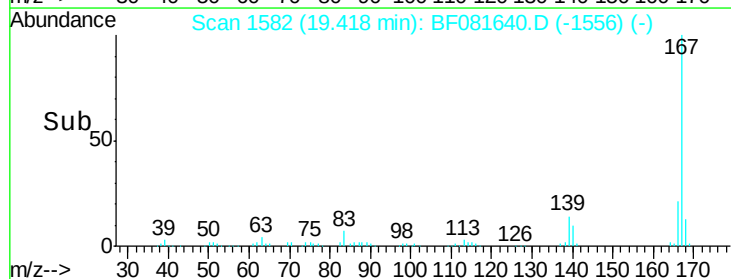
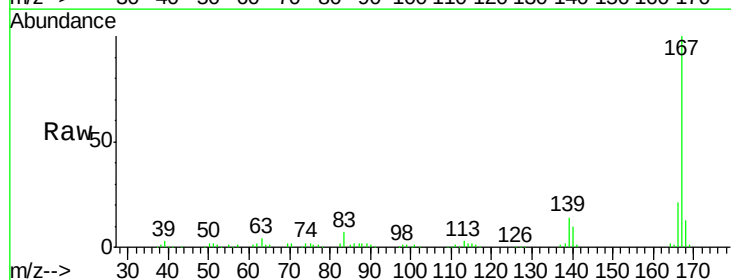
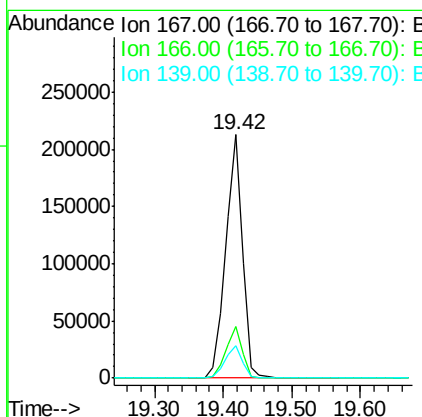
Manual Integrations
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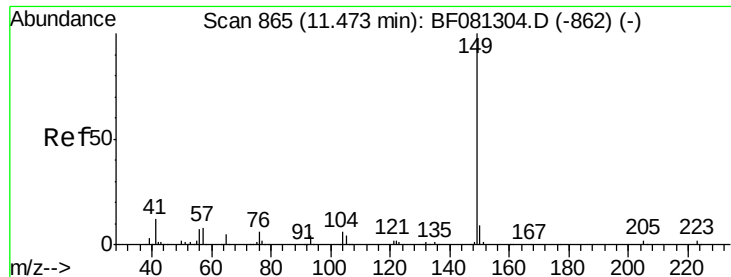
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#72
 Carbazole
 Concen: 40.21 ng
 RT: 19.42 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	366550		
166	21.1		15.7	23.5
139	13.5		9.5	14.3





#73

Di-n-butylphthalate

Concen: 49.51 ng

RT: 20.47 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF081640.D

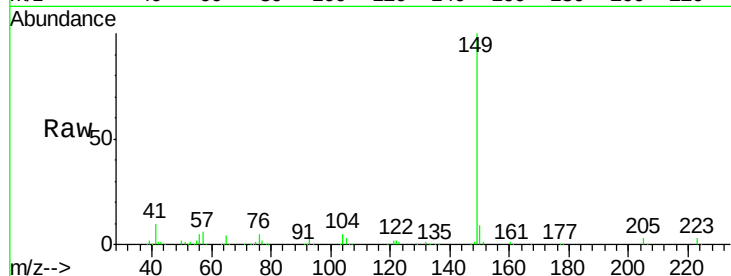
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

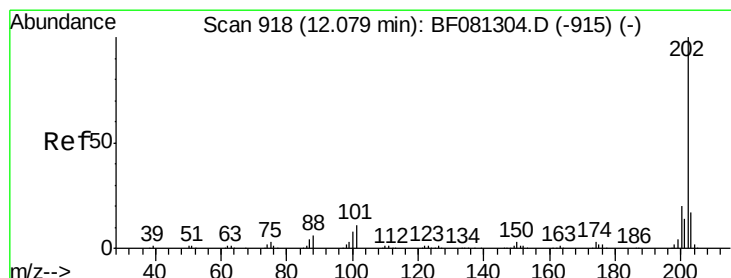
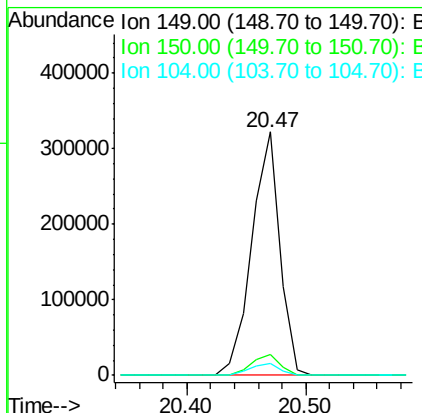
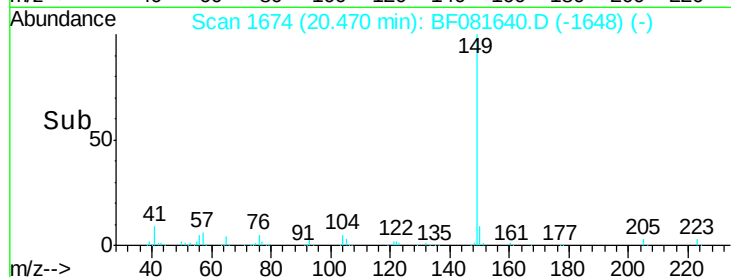
B-20MSD



Tgt Ion:	149	Resp:	532895
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.2
104	5.0	2.4	3.6#

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#74

Fluoranthene

Concen: 36.61 ng

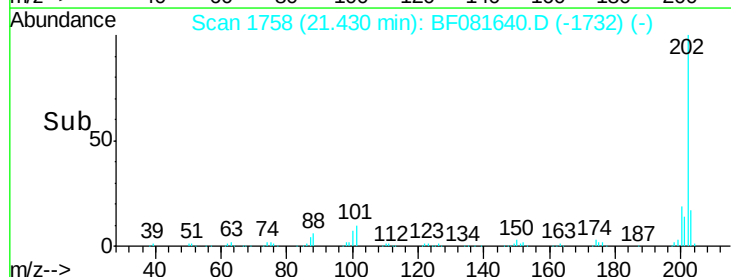
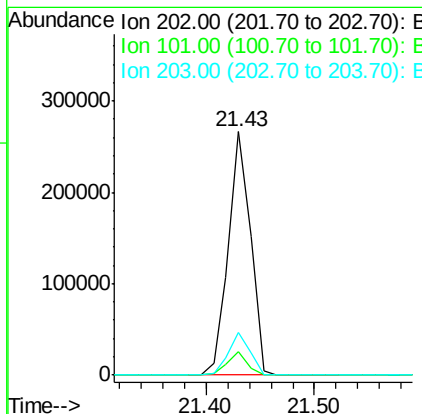
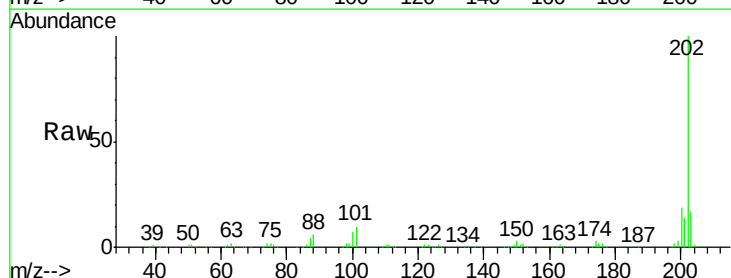
RT: 21.43 min Scan# 1758

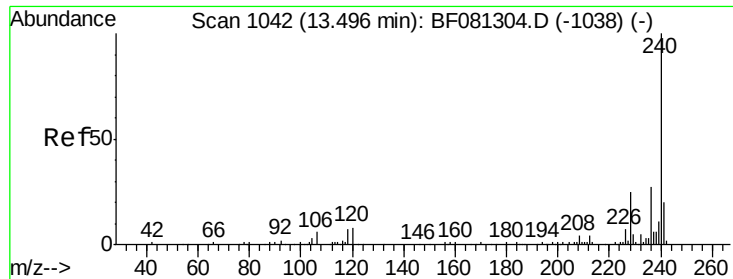
Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:	202	Resp:	374694
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	38.3
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.38 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

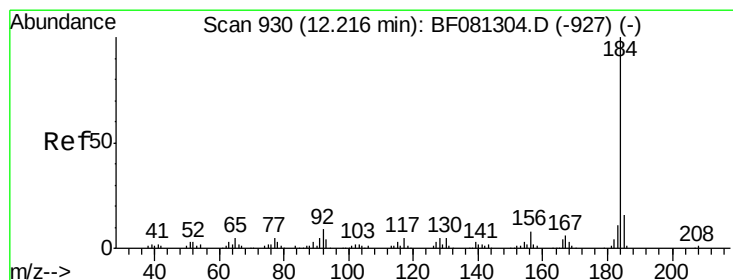
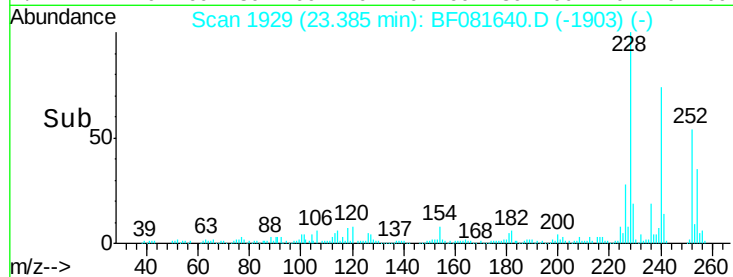
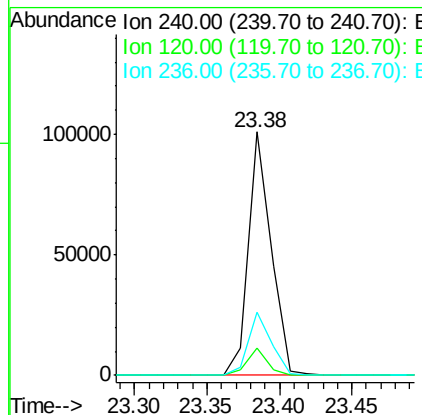
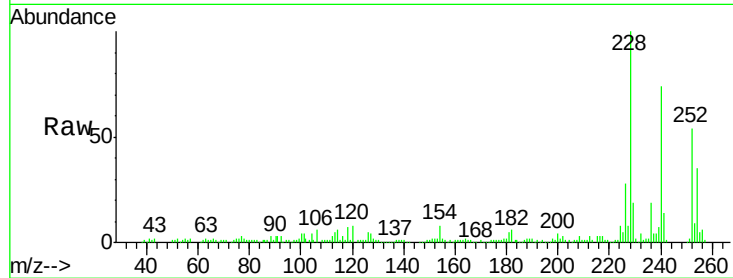
ClientSampled :

B-20MSD

Tgt Ion:	240	Resp:	109955
Ion Ratio	Lower	Upper	
240	100		
120	11.1	16.2	24.2#
236	26.1	18.4	27.6

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#76

Benzidine

Concen: 25.69 ng

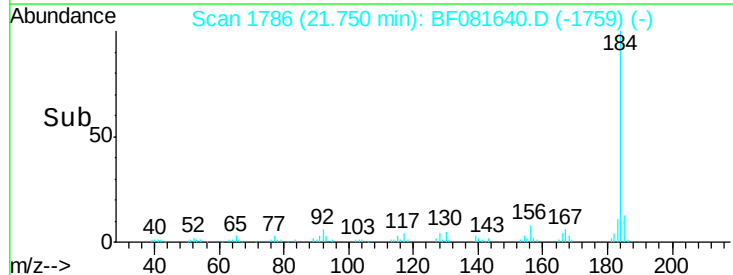
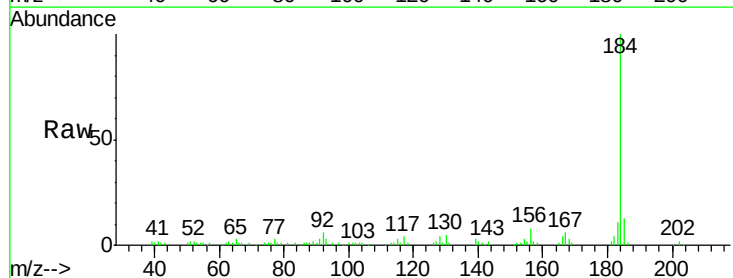
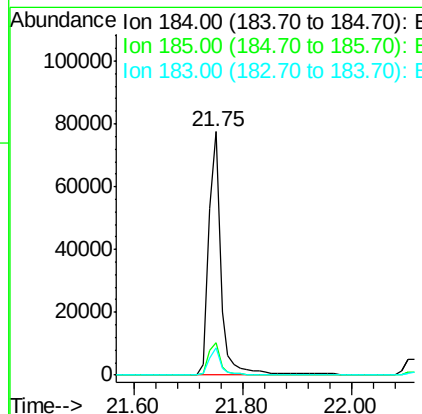
RT: 21.75 min Scan# 1786

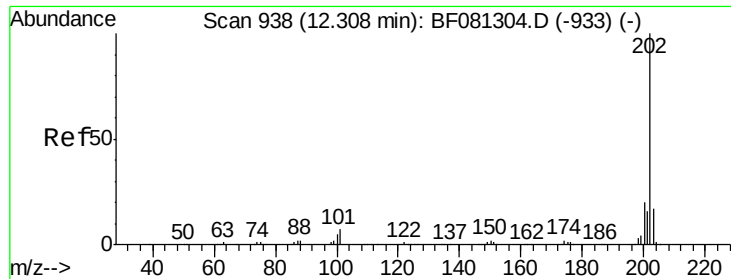
Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:	184	Resp:	121245
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.8	17.6
183	11.0	7.6	11.4





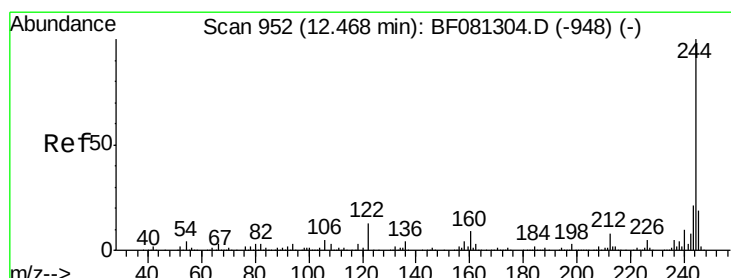
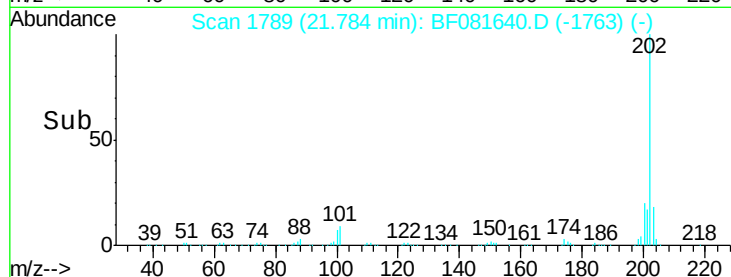
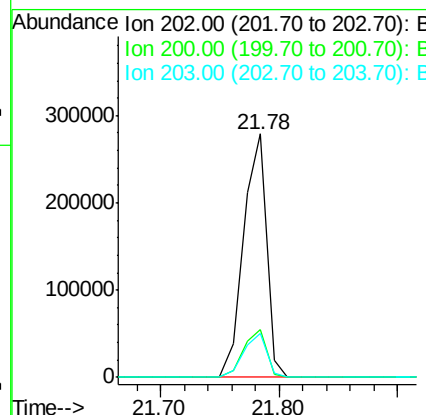
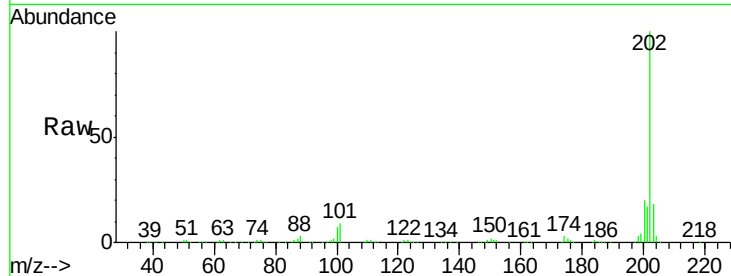
#77
 Pyrene
 Concen: 46.52 ng
 RT: 21.78 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.7	15.0	22.4
203	18.2	14.1	21.1

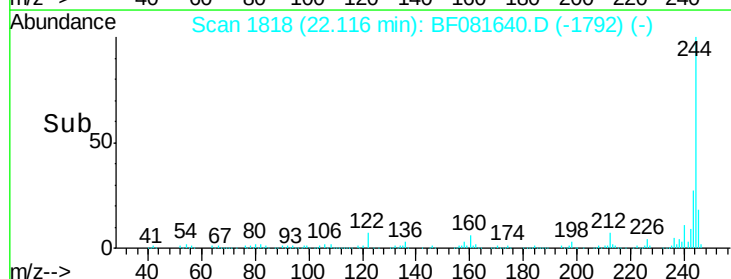
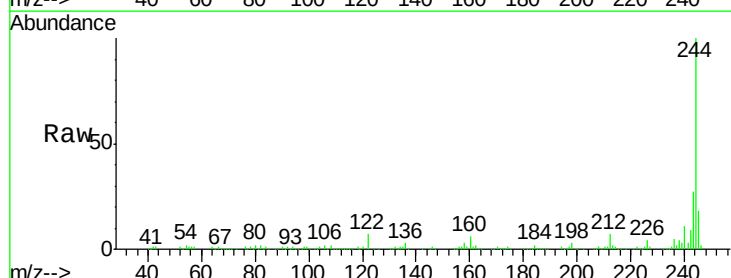
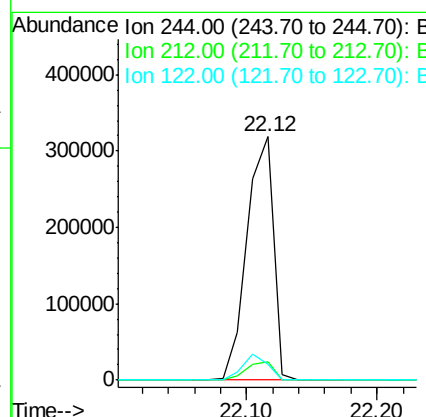
Manual Integrations
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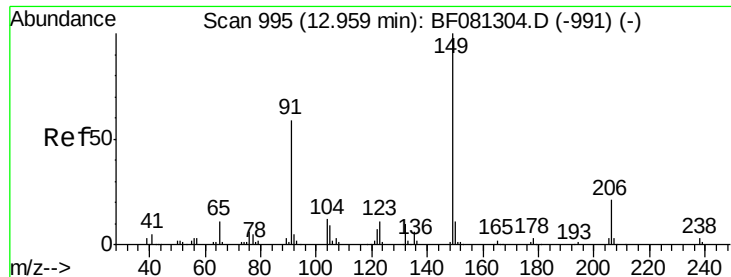
MMDadoda
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#78
 Terphenyl-d14
 Concen: 95.27 ng
 RT: 22.12 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	4.3	6.5#
122	6.7	17.4	26.2#





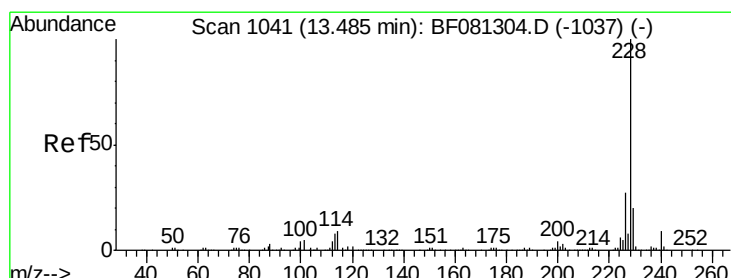
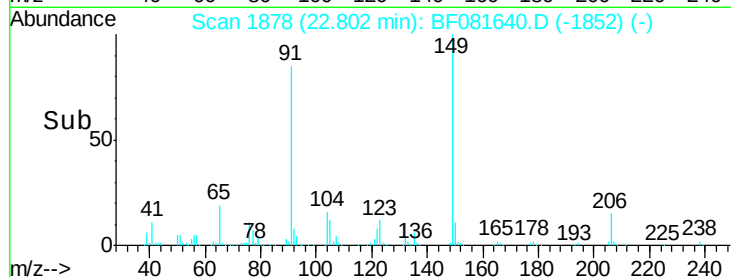
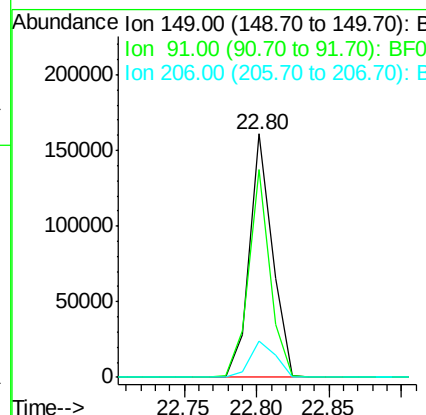
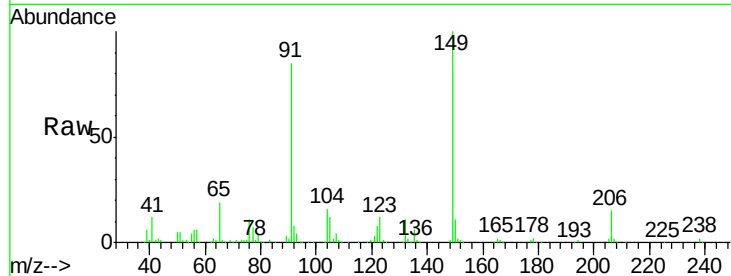
#79
Butylbenzylphthalate
Concen: 49.65 ng
RT: 22.80 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	175889		
91	85.3	48.6	72.8#	
206	15.0	14.9	22.3	

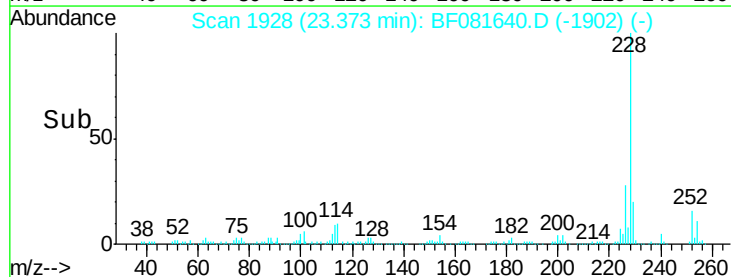
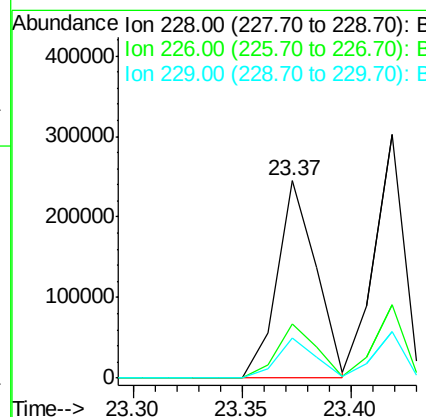
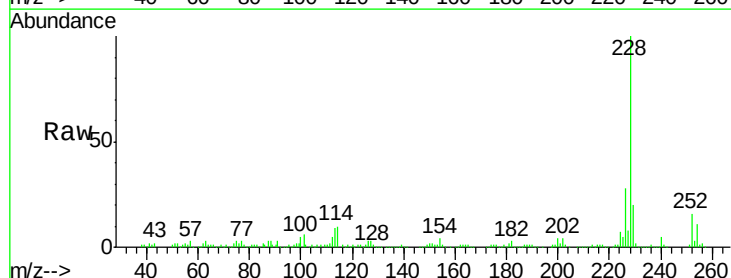
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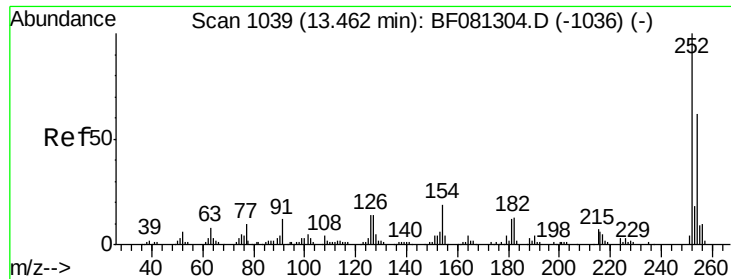
MMDadoda
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#80
Benzo(a)anthracene
Concen: 43.65 ng
RT: 23.37 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	305656		
226	27.6	20.0	30.0	
229	20.5	15.4	23.2	





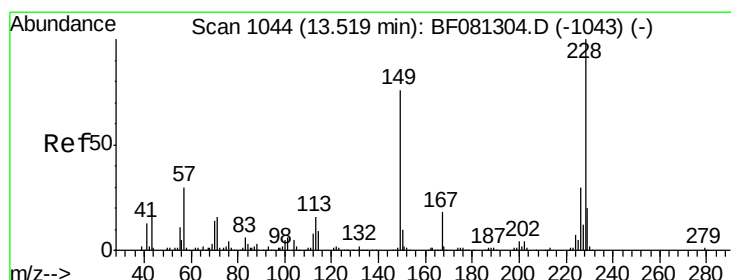
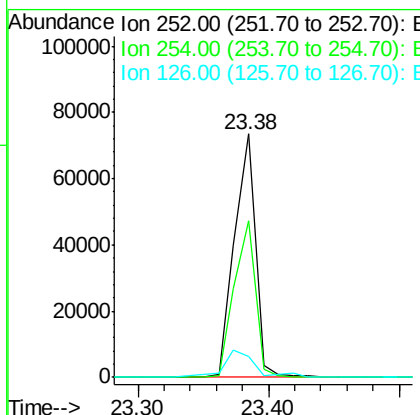
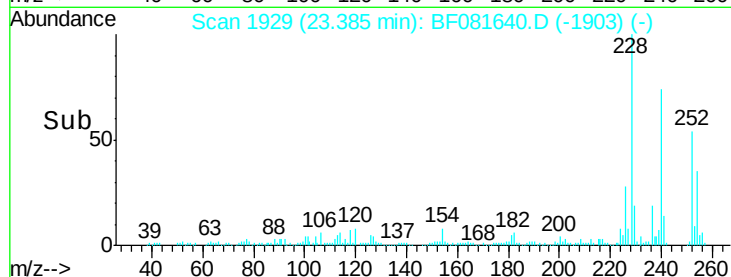
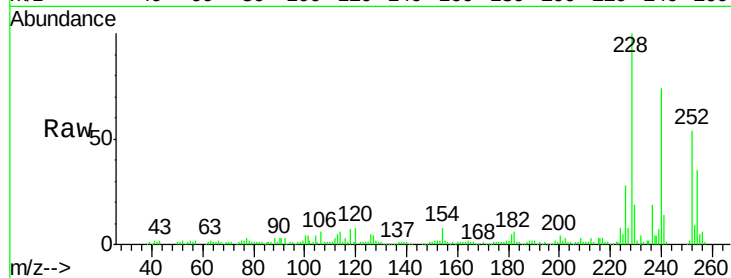
#81
 3,3'-Dichlorobenzidine
 Concen: 34.91 ng
 RT: 23.38 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampled :
 B-20MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	51.4	77.2
126	8.5	16.4	24.6

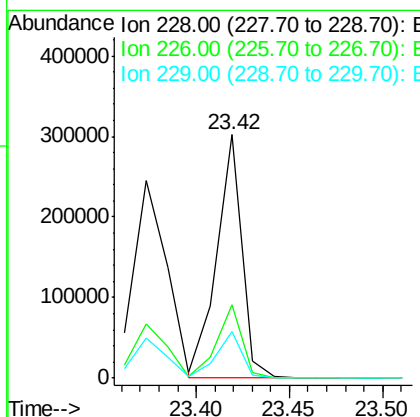
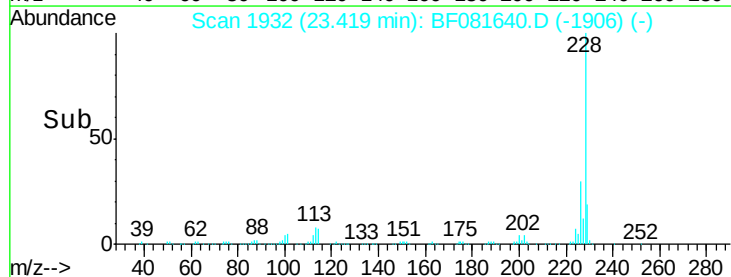
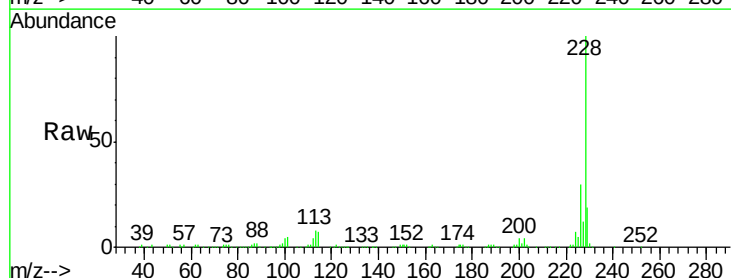
Manual Integrations
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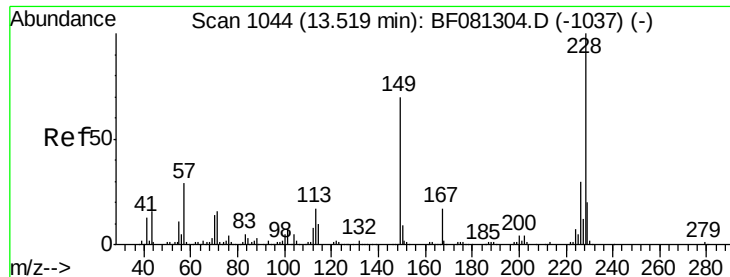
MMDadoda
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#82
 Chrysene
 Concen: 45.38 ng
 RT: 23.42 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	21.0	31.4
229	19.2	15.6	23.4





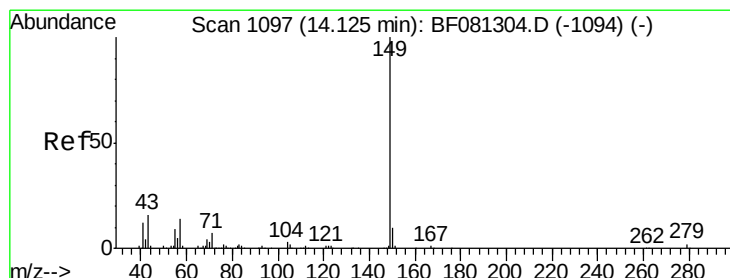
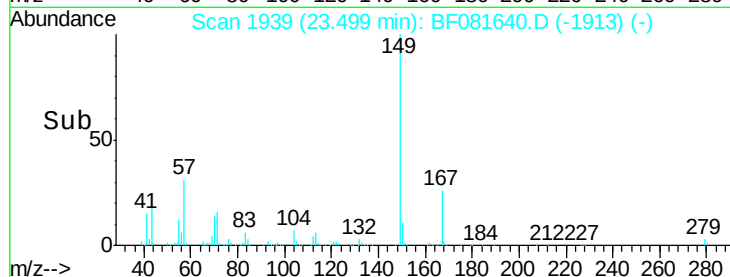
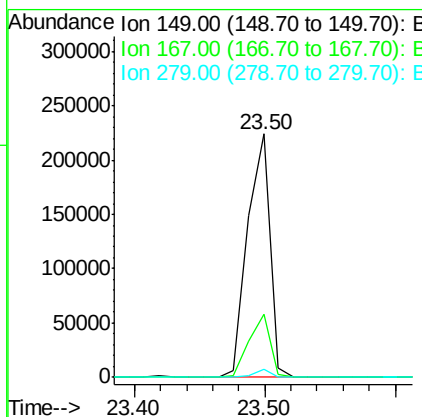
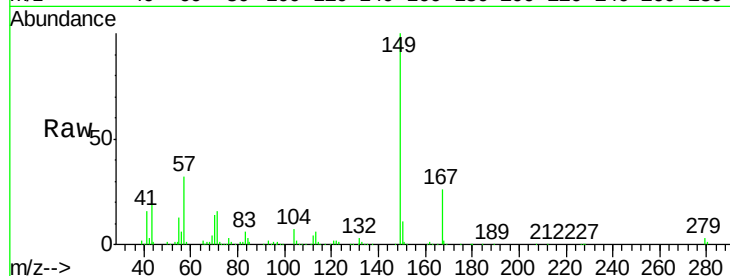
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.07 ng
 RT: 23.50 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	266782		
167	25.9	24.2	36.2	
279	3.1	3.8	5.6#	

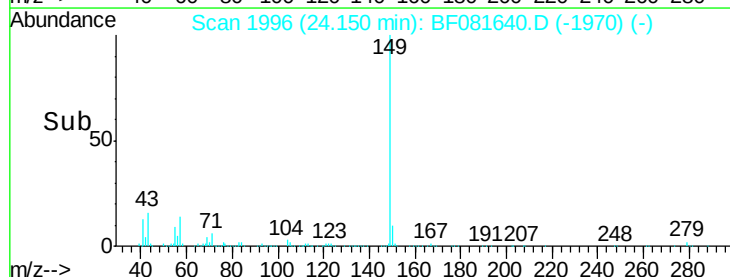
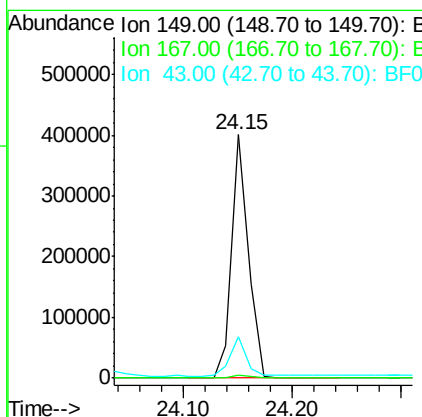
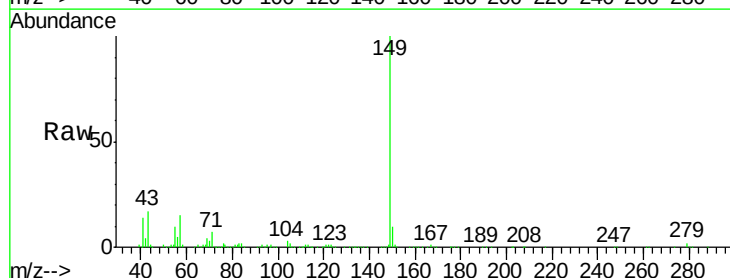
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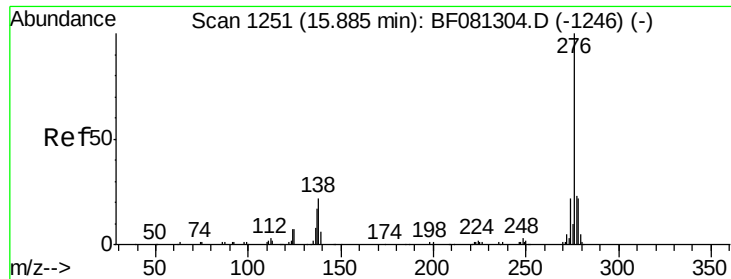
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#84
 Di-n-octyl phthalate
 Concen: 54.34 ng
 RT: 24.15 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	418238		
167	1.5	1.0	1.6	
43	15.7	10.2	15.2#	





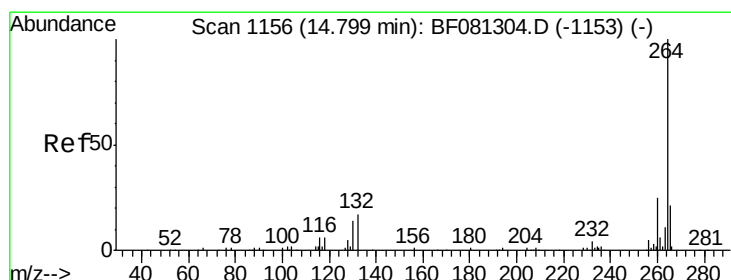
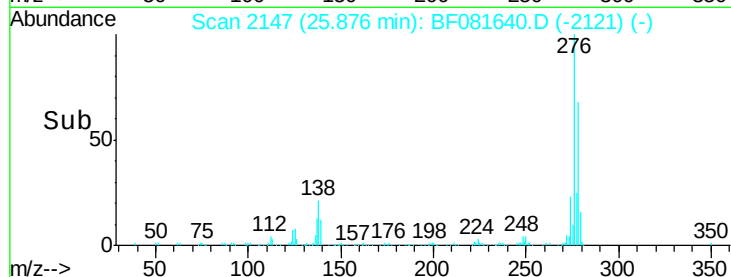
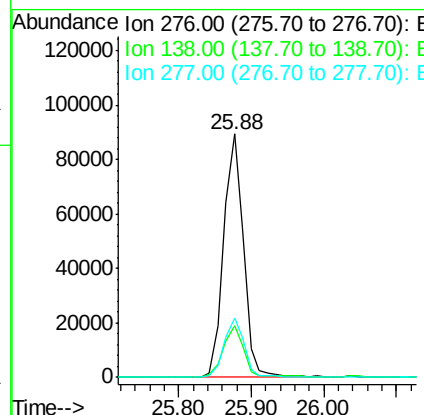
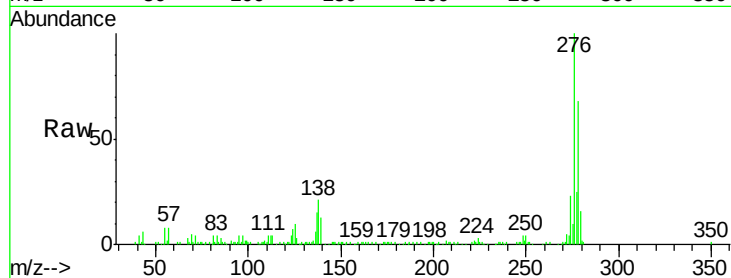
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.03 ng
 RT: 25.88 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.7	38.5#
277	24.8	15.6	23.4#

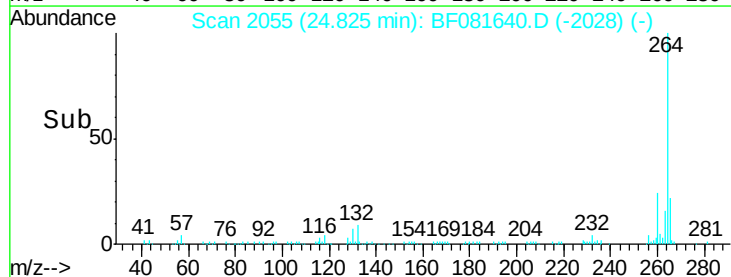
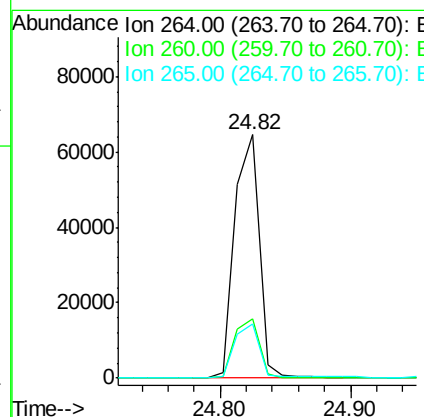
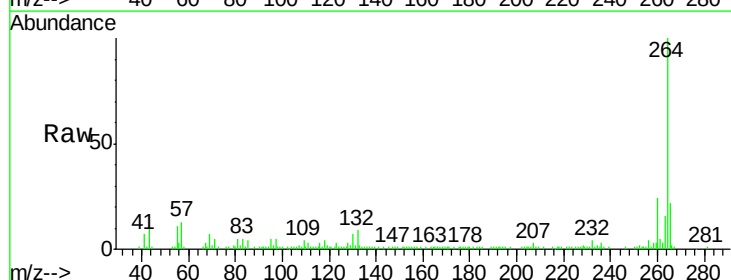
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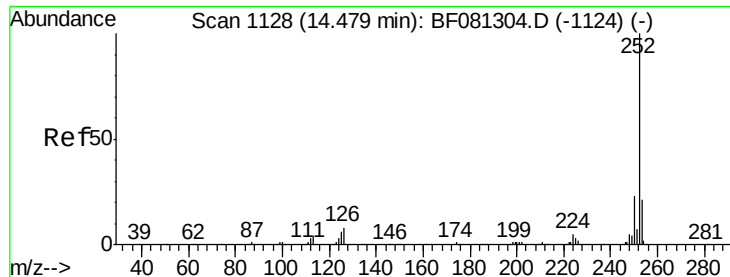
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.82 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.84 ng m

RT: 24.48 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF081640.D

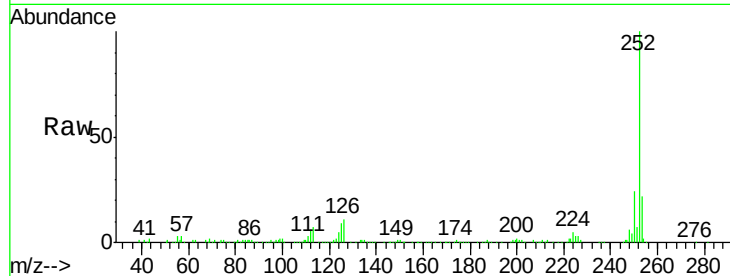
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampled :

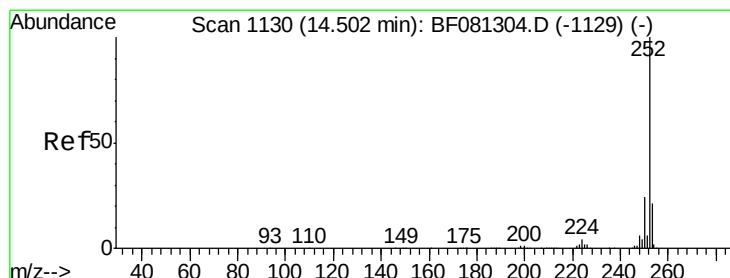
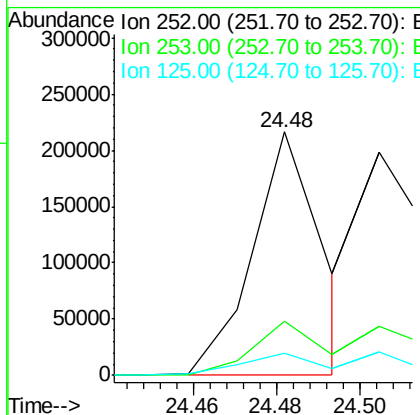
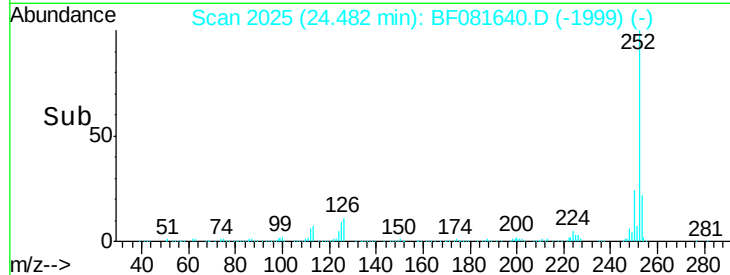
B-20MSD



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	250911		
253	22.1	17.5	26.3	
125	9.0	17.1	25.7	

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#88

Benzo(k)fluoranthene

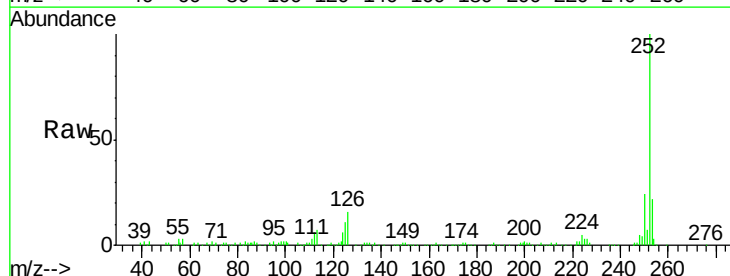
Concen: 46.03 ng m

RT: 24.50 min Scan# 2027

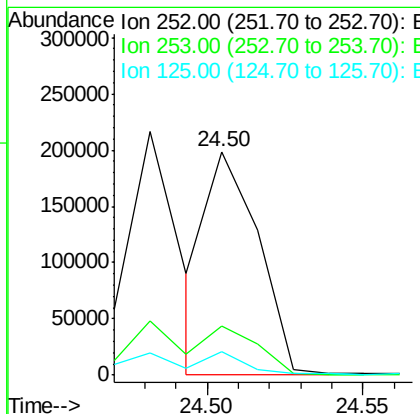
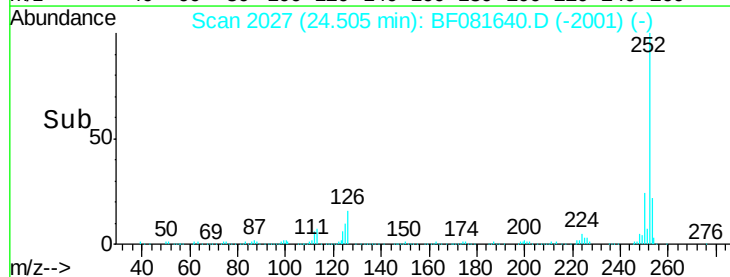
Delta R.T. -0.00 min

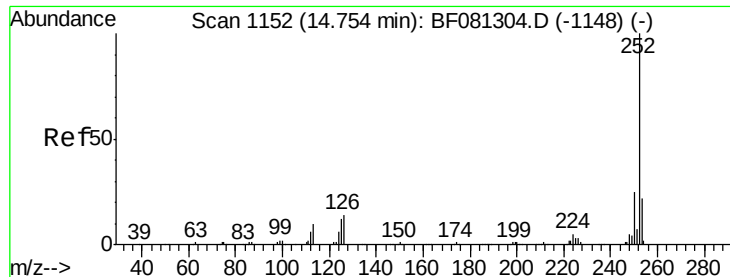
Lab File: BF081640.D

Acq: 15 Sep 2015 21:38



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	229046		
253	22.2	17.0	25.4	
125	10.7	16.0	24.0	





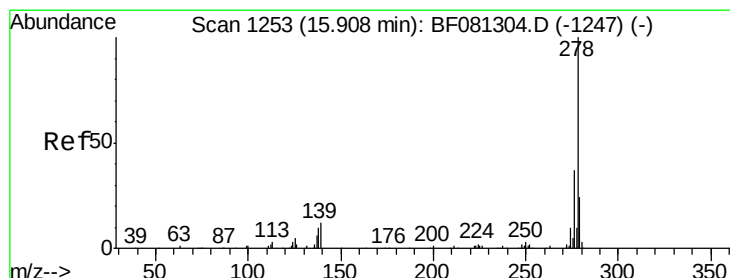
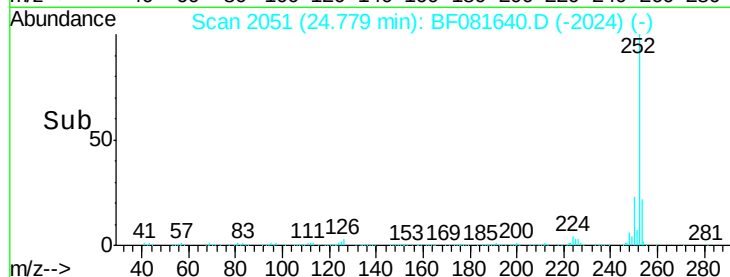
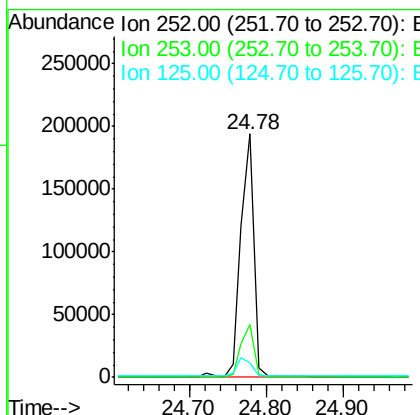
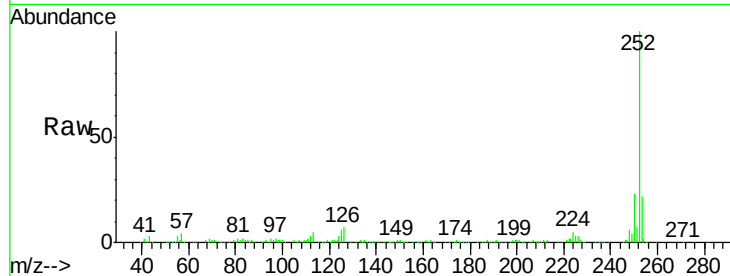
#89
Benzo(a)pyrene
Concen: 46.86 ng
RT: 24.78 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampled :
B-20MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.2	25.8
125	5.9	18.0	27.0

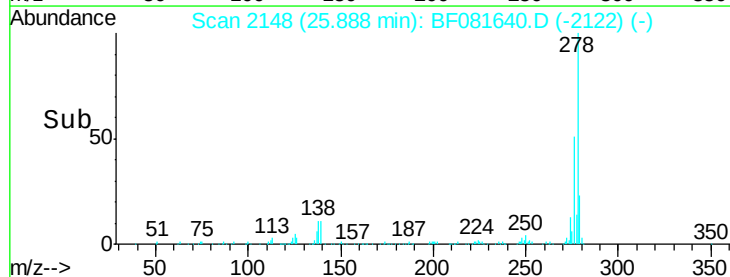
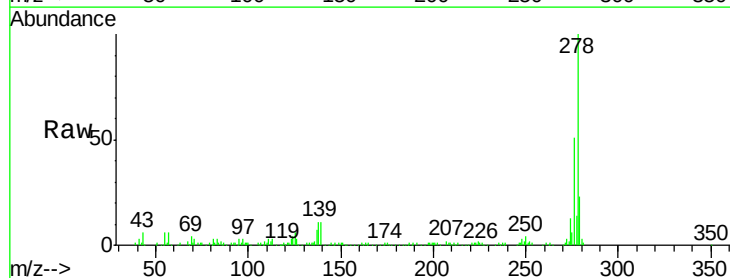
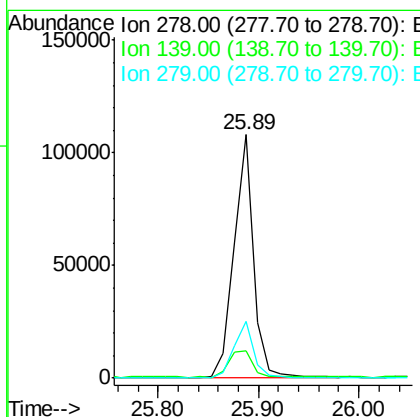
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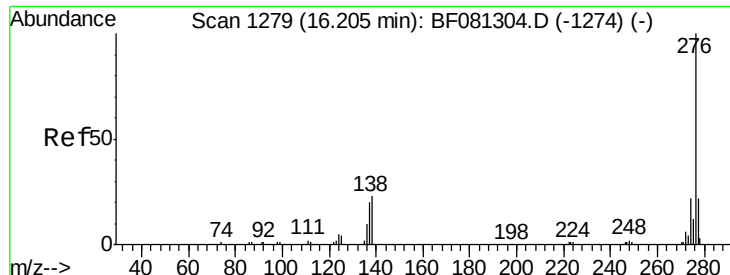
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 37.45 ng
RT: 25.89 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.1	26.3	39.5
279	23.2	18.2	27.4





#91

Benzo(g,h,i)perylene

Concen: 34.15 ng

RT: 26.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BF081640.D

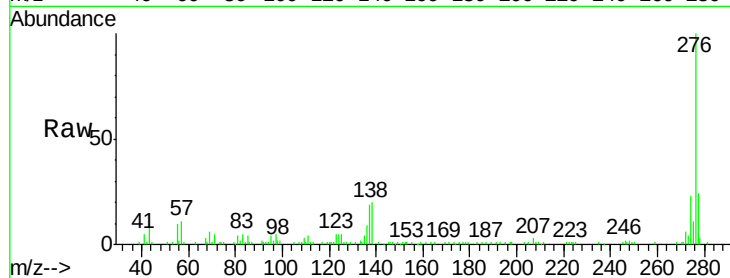
Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	17.8	26.6
138	20.3	34.6	51.8#

Manual Integrations
APPROVED

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9/16/2015 1:24:13 PM

