

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081434.D
 Acq On : 4 Sep 2015 22:57
 Operator : UM/IZ
 Sample : G3526-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:57:14 PM

Quant Time: Sep 08 10:23:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	64684	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	252933	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	120837	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	238005	20.00	ng	0.00
75) Chrysene-d12	13.46	240	196107	20.00	ng	0.00
86) Perylene-d12	14.77	264	131731	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	505415	121.23	ng	0.01
7) Phenol-d6	6.03	99	717310	129.98	ng	0.00
23) Nitrobenzene-d5	6.94	82	462135	88.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	142730	132.66	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	627705	66.57	ng	-0.01
78) Terphenyl-d14	12.43	244	584051	69.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	71040	37.94	ng	# 91
3) Pyridine	2.28	79	198247	38.40	ng	# 93
4) n-Nitrosodimethylamine	2.25	42	134207	46.79	ng	# 73
6) Aniline	6.02	93	152268	19.54	ng	# 72
8) 2-Chlorophenol	6.15	128	202243	44.02	ng	# 86
9) Benzaldehyde	5.90	77	23968	6.93	ng	# 80
10) Phenol	6.04	94	225676	35.26	ng	# 40
11) bis(2-Chloroethyl)ether	6.11	93	196173	42.49	ng	# 85
12) 1,3-Dichlorobenzene	6.30	146	203826	41.52	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	198692	39.76	ng	# 90
14) 1,2-Dichlorobenzene	6.52	146	168431	37.43	ng	# 85
15) Benzyl Alcohol	6.52	79	189372	41.83	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.67	45	406915	45.98	ng	# 81
17) 2-Methylphenol	6.66	107	164347	44.83	ng	# 74
18) Hexachloroethane	6.87	117	76170	39.17	ng	# 94
19) n-Nitroso-di-n-propylamine	6.81	70	169219	45.05	ng	# 83
20) 3+4-Methylphenols	6.82	107	219947	44.50	ng	# 89
22) Acetophenone	6.79	105	292990	42.41	ng	# 75
24) Nitrobenzene	6.96	77	251624	46.22	ng	# 63
25) Isophorone	7.21	82	414465	42.50	ng	# 88
26) 2-Nitrophenol	7.28	139	107831	45.44	ng	# 53
27) 2,4-Dimethylphenol	7.35	122	170467	41.59	ng	# 85
28) bis(2-Chloroethoxy)methane	7.43	93	234448	41.62	ng	# 92
29) 2,4-Dichlorophenol	7.53	162	160525	45.17	ng	# 96
30) 1,2,4-Trichlorobenzene	7.60	180	162905	42.19	ng	# 98
31) Naphthalene	7.67	128	514824	38.17	ng	# 98
32) Benzoic acid	7.44	122	2782m	3.44	ng	#
33) 4-Chloroaniline	7.74	127	80641	14.66	ng	# 84
34) Hexachlorobutadiene	7.80	225	89982	38.30	ng	# 98
35) Caprolactam	8.12	113	56884m	52.19	ng	#
36) 4-Chloro-3-methylphenol	8.25	107	192914	48.50	ng	# 74
37) 2-Methylnaphthalene	8.36	142	372855	42.47	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	140279	36.71	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	139741	74.51	ng	# 96

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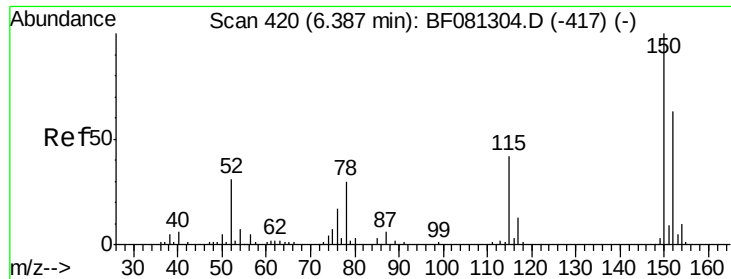
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	101772	38.59	ng	98
43) 2,4,5-Trichlorophenol	8.71	196	106210	39.47	ng #	93
45) 1,1'-Biphenyl	8.83	154	438194	39.42	ng	95
46) 2-Chloronaphthalene	8.84	162	308156	38.38	ng #	89
47) 2-Nitroaniline	8.96	65	147810	45.17	ng #	75
48) Acenaphthylene	9.26	152	553691	38.88	ng	98
49) Dimethylphthalate	9.15	163	530138	56.47	ng #	97
50) 2,6-Dinitrotoluene	9.20	165	80158	37.62	ng #	1
51) Acenaphthene	9.43	154	317439	39.18	ng	88
52) 3-Nitroaniline	9.37	138	64129	26.44	ng #	81
53) 2,4-Dinitrophenol	9.47	184	17774	19.80	ng #	5
54) Dibenzofuran	9.60	168	485437	41.03	ng #	92
55) 4-Nitrophenol	9.56	139	131582	86.34	ng #	14
56) 2,4-Dinitrotoluene	9.60	165	104207	38.41	ng #	13
57) Fluorene	9.93	166	330974	36.86	ng	94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	90652	44.13	ng	90
59) Diethylphthalate	9.84	149	382243	38.71	ng	93
60) 4-Chlorophenyl-phenylether	9.94	204	168460	40.26	ng	98
61) 4-Nitroaniline	9.98	138	84527	34.49	ng #	23
62) Azobenzene	10.09	77	441749	40.23	ng #	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	49915	37.50	ng	85
65) n-Nitrosodiphenylamine	10.06	169	313264	36.17	ng	91
66) 4-Bromophenyl-phenylether	10.42	248	97175	40.38	ng	94
67) Hexachlorobenzene	10.48	284	94430	37.53	ng #	77
68) Atrazine	10.60	200	114740	45.78	ng	83
69) Pentachlorophenol	10.67	266	91400	75.20	ng	98
70) Phenanthrene	10.88	178	499802	37.77	ng	96
71) Anthracene	10.92	178	496315	36.51	ng	98
72) Carbazole	11.10	167	540062	42.34	ng	95
73) Di-n-butylphthalate	11.45	149	643272	42.70	ng #	98
74) Fluoranthene	12.04	202	534006	37.28	ng	93
76) Benzidine	12.19	184	162515	19.30	ng	97
77) Pyrene	12.27	202	580913	39.99	ng	97
79) Butylbenzylphthalate	12.93	149	273053	43.22	ng	89
80) Benzo(a)anthracene	13.45	228	472586	37.84	ng	97
81) 3,3'-Dichlorobenzidine	13.43	252	93182	22.12	ng	97
82) Chrysene	13.49	228	374885	33.49	ng	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	334616	40.13	ng #	89
84) Di-n-octyl phthalate	14.09	149	523609	38.14	ng	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	302824	36.87	ng #	90
87) Benzo(b)fluoranthene	14.45	252	411030m	43.70	ng	
88) Benzo(k)fluoranthene	14.47	252	289021m	37.04	ng	
89) Benzo(a)pyrene	14.72	252	309701	38.86	ng #	90
90) Dibenzo(a,h)anthracene	15.85	278	254038	41.25	ng #	84
91) Benzo(g,h,i)perylene	16.16	276	250342	42.59	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081434.D

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Instrument :

BNA_F

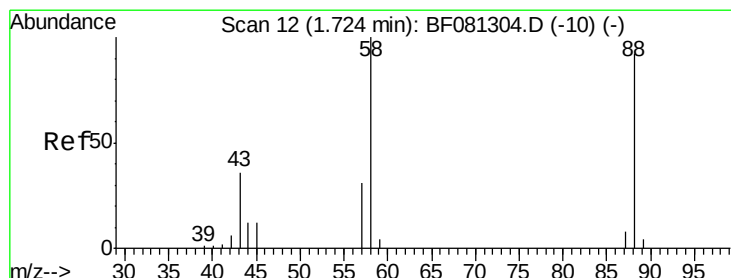
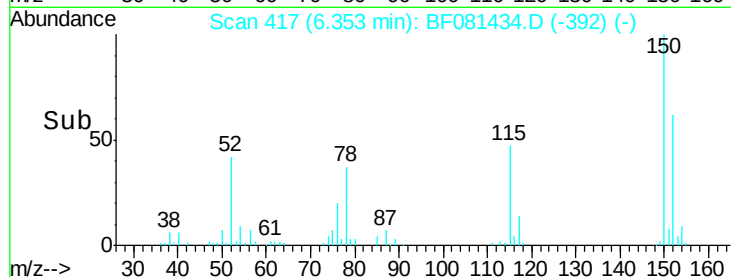
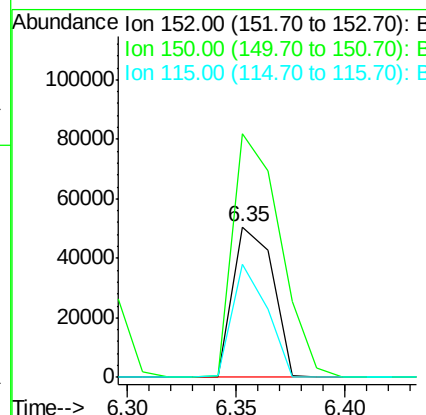
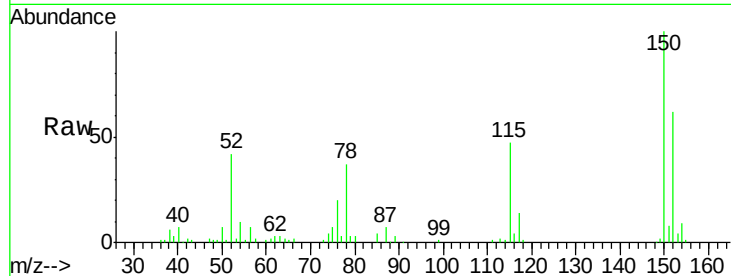
ClientSampleId :

SB-11(5-7)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.7	187.1
115	75.3	39.0	58.4

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#2

1,4-Dioxane

Concen: 37.94 ng

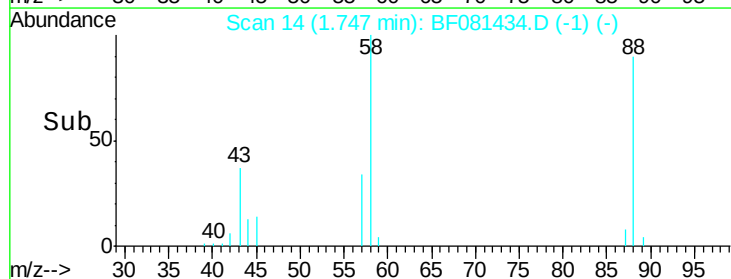
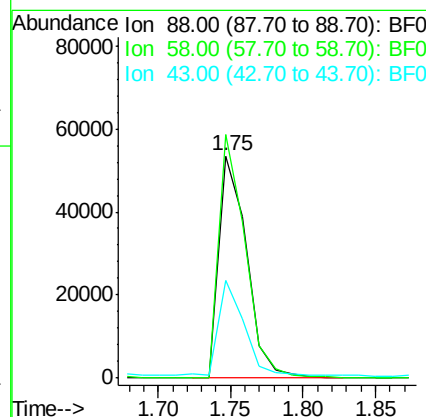
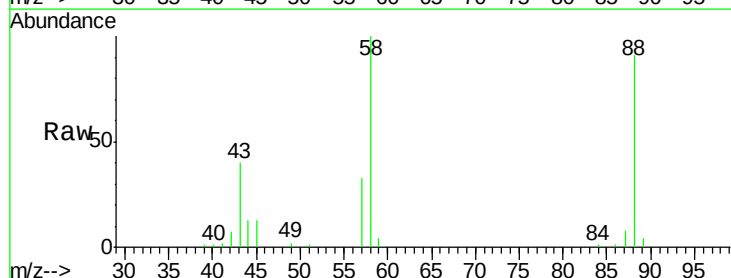
RT: 1.75 min Scan# 14

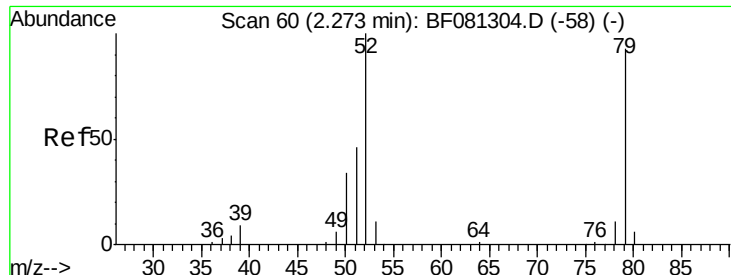
Delta R.T. 0.07 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.0	77.7	116.5
43	41.0	26.6	40.0





#3

Pyridine

Concen: 38.40 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.06 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

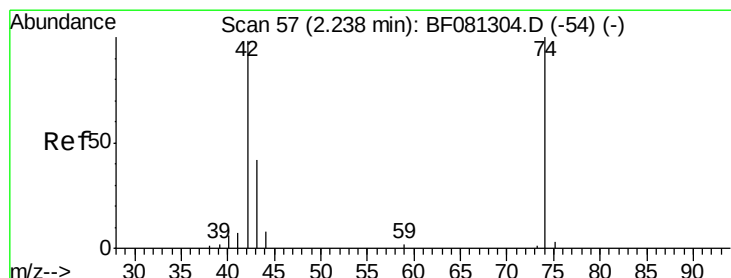
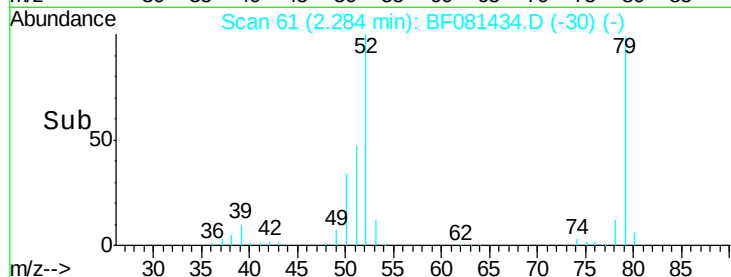
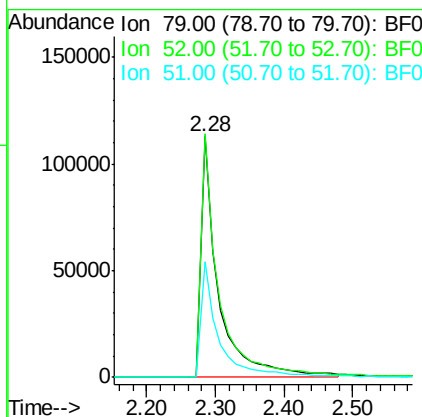
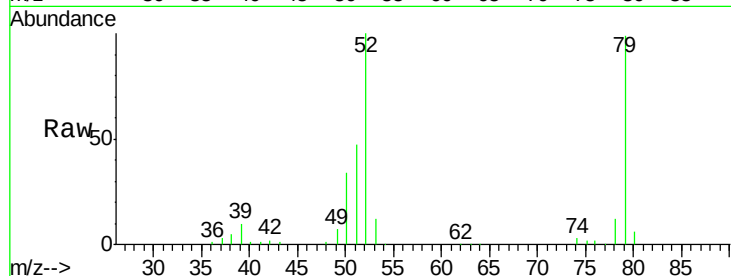
ClientSampleId :

SB-11(5-7)MSD

Tgt Ion:	79	Resp:	198247
Ion	Ratio	Lower	Upper
79	100		
52	101.2	76.8	115.2
51	47.8	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.79 ng

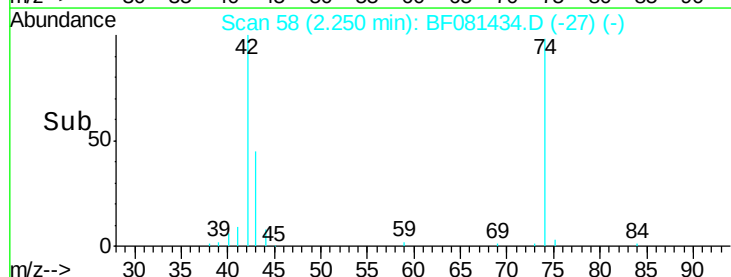
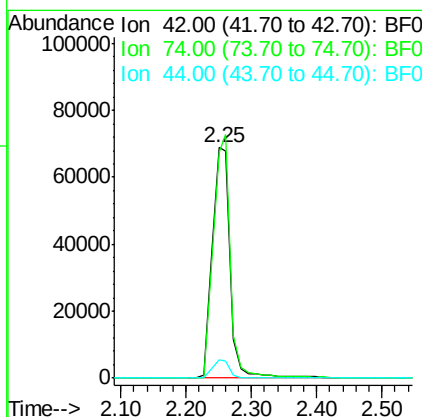
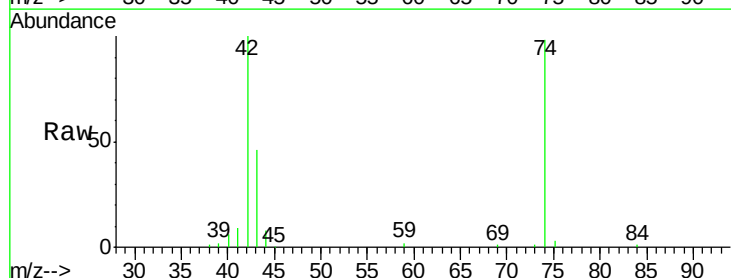
RT: 2.25 min Scan# 58

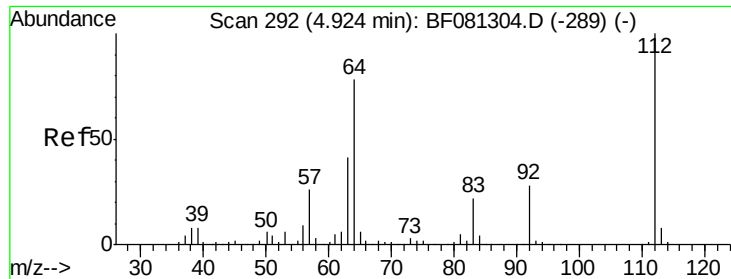
Delta R.T. 0.06 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion:	42	Resp:	134207
Ion	Ratio	Lower	Upper
42	100		
74	98.1	105.0	157.6#
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 121.23 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081434.D

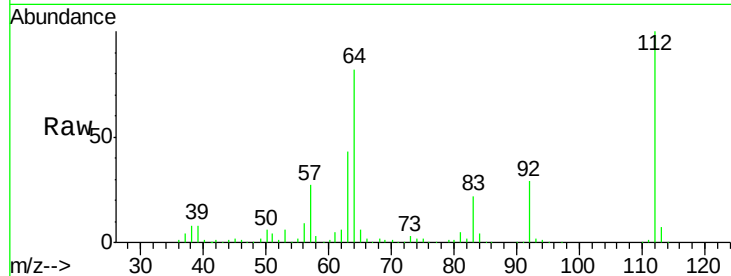
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

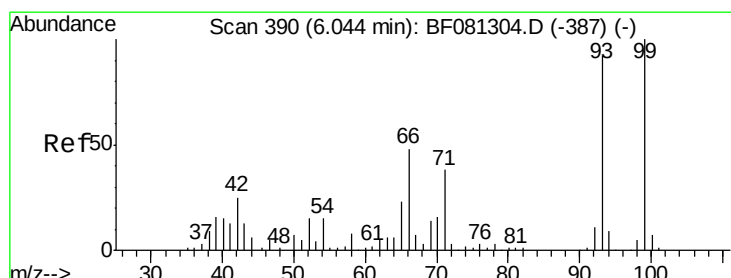
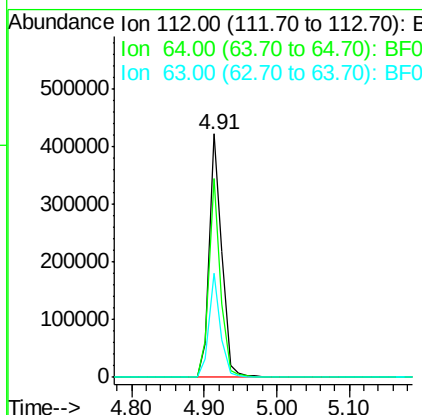
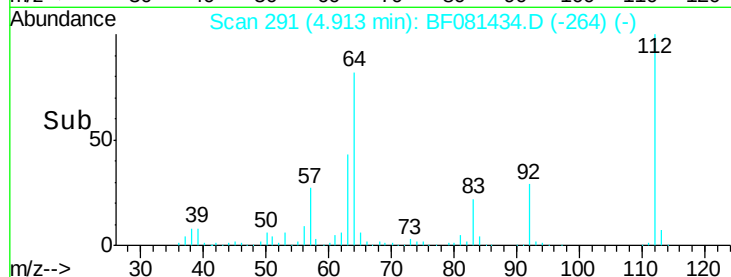
SB-11(5-7)MSD



Tgt Ion:	112	Resp:	505415
Ion Ratio	Lower	Upper	
112	100		
64	81.5	39.7	59.5#
63	42.8	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 19.54 ng

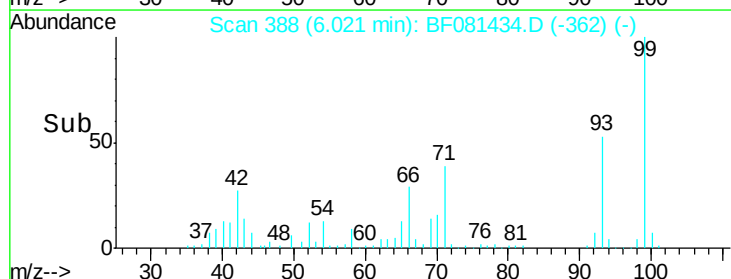
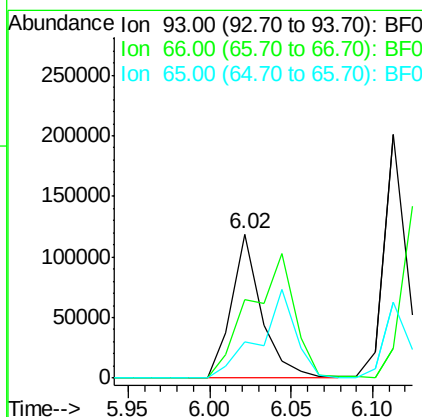
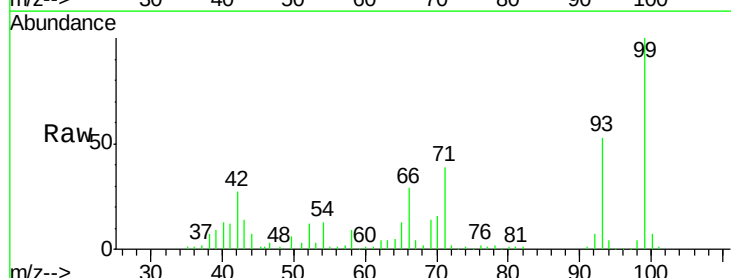
RT: 6.02 min Scan# 388

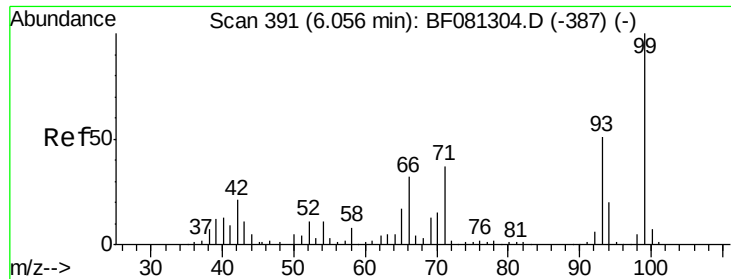
Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion:	93	Resp:	152268
Ion Ratio	Lower	Upper	
93	100		
66	54.2	27.2	40.8#
65	25.0	14.7	22.1#





#7

Phenol-d6

Concen: 129.98 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

Tgt Ion: 99 Resp: 717310
Ion Ratio Lower Upper

99 100

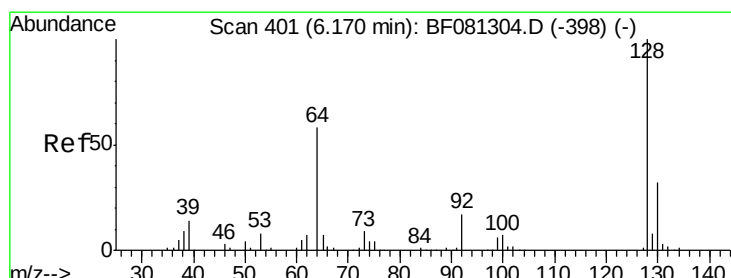
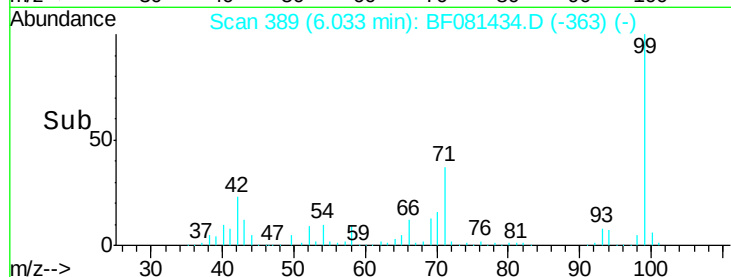
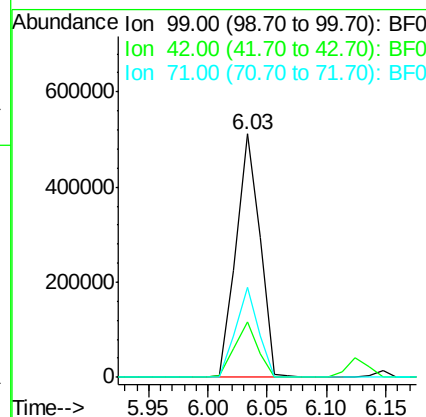
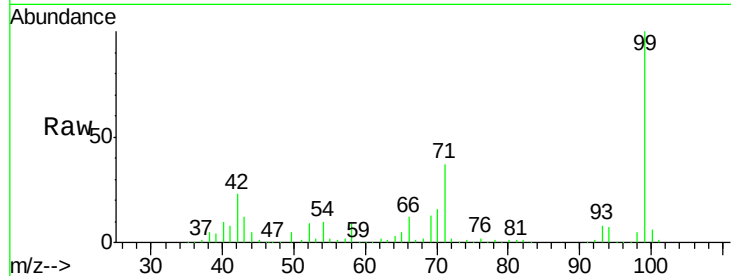
42 22.9 13.7 20.5#

71 37.2 14.2 21.2#

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#8

2-Chlorophenol

Concen: 44.02 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081434.D

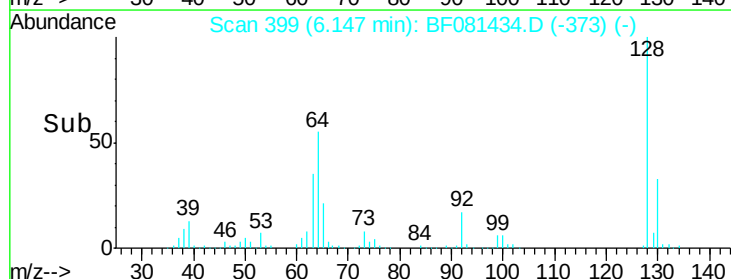
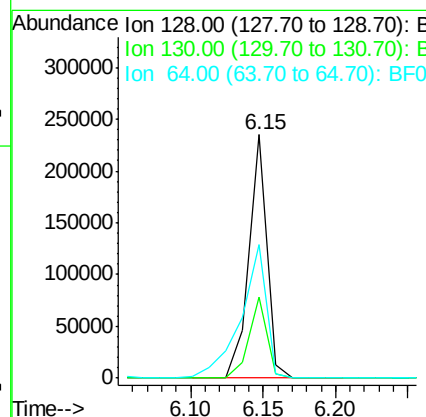
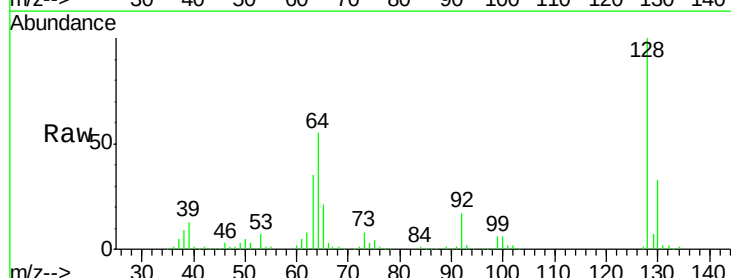
Acq: 4 Sep 2015 22:57

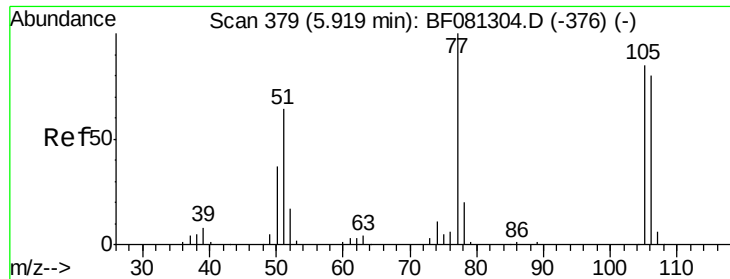
Tgt Ion: 128 Resp: 202243
Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

64 55.0 20.5 60.5





#9

Benzaldehyde

Concen: 6.93 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081434.D

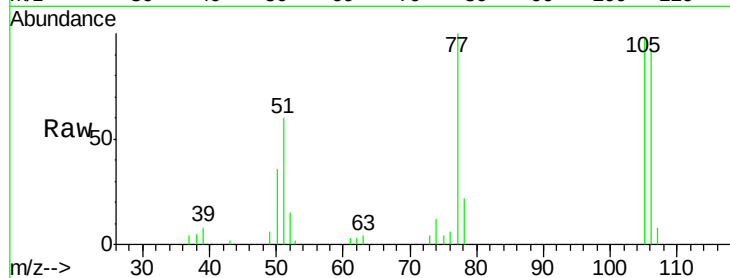
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

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Tgt Ion: 77 Resp: 23968

Ion Ratio Lower Upper

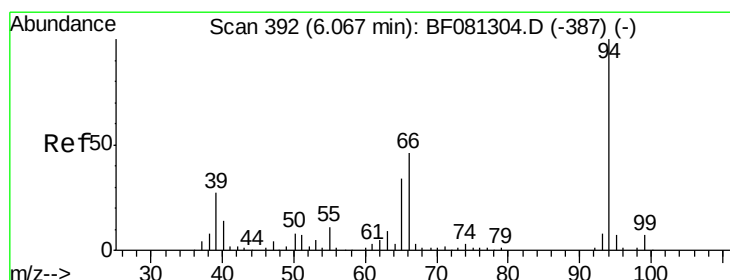
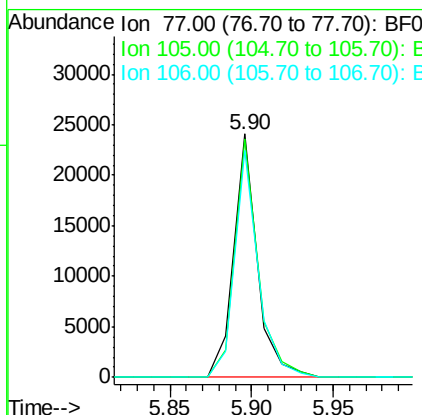
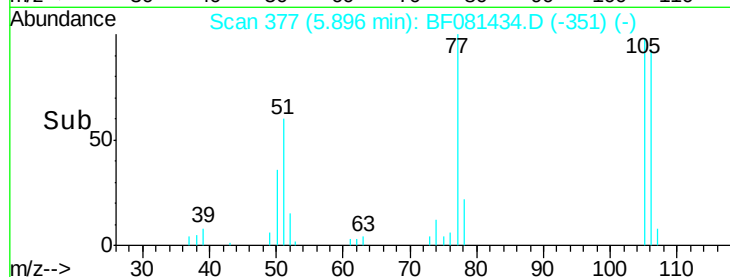
77 100

105 98.0 91.6 131.6

106 93.2 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 35.26 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

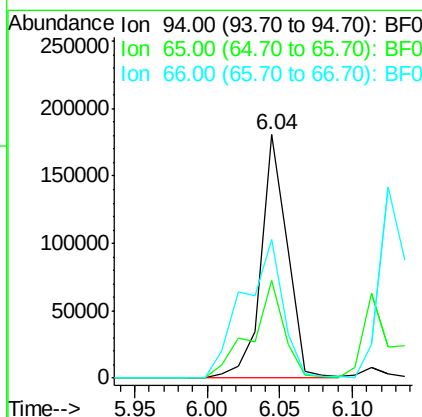
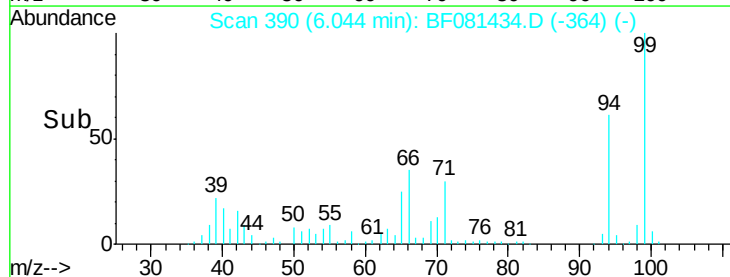
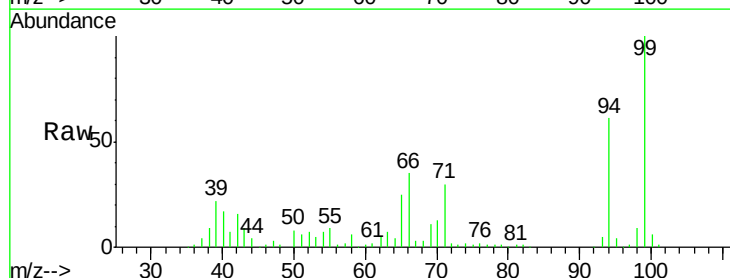
Tgt Ion: 94 Resp: 225676

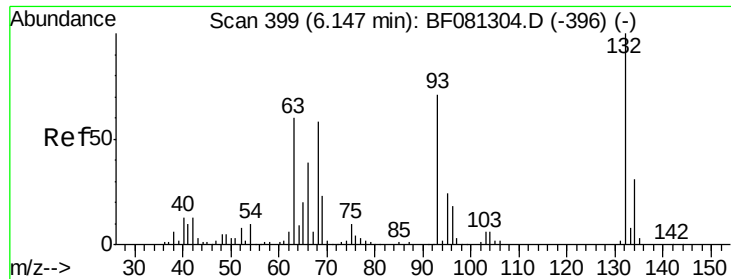
Ion Ratio Lower Upper

94 100

65 40.2 0.7 40.7

66 57.1 0.8 40.8#





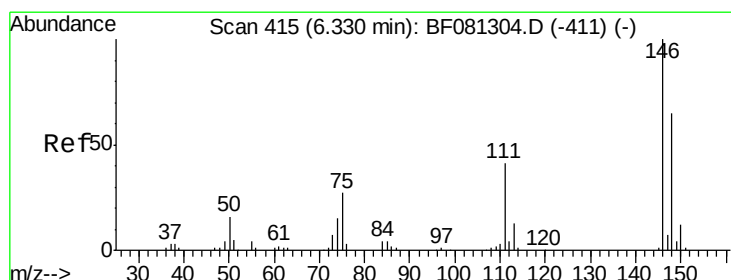
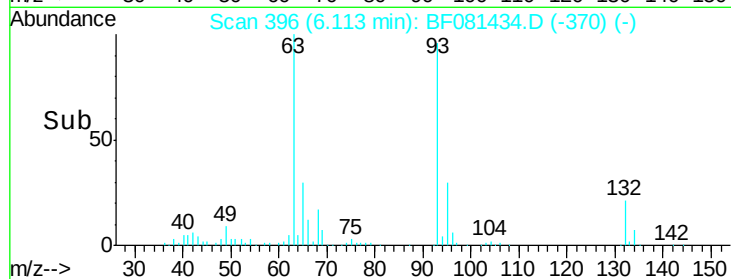
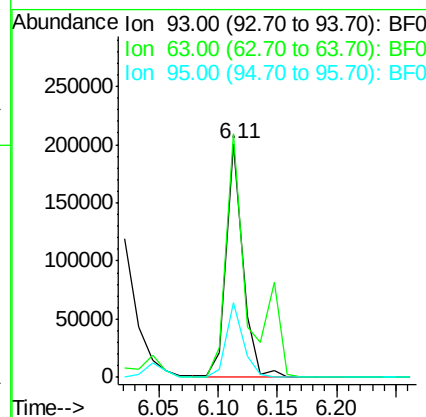
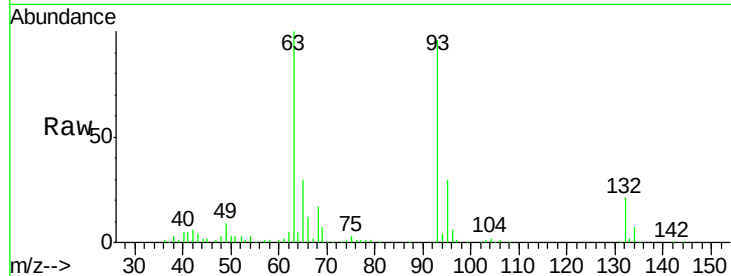
#11
bis(2-Chloroethyl)ether
Concen: 42.49 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	196173		
63	104.2	65.6	105.6	
95	31.7	13.6	53.6	

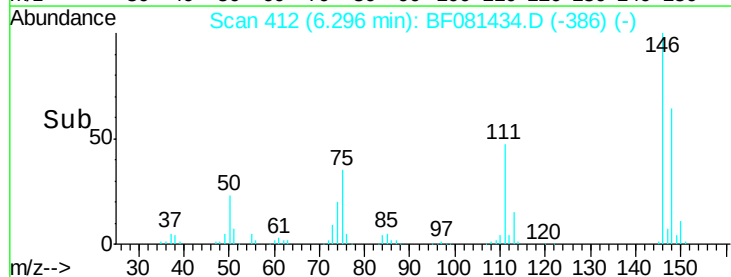
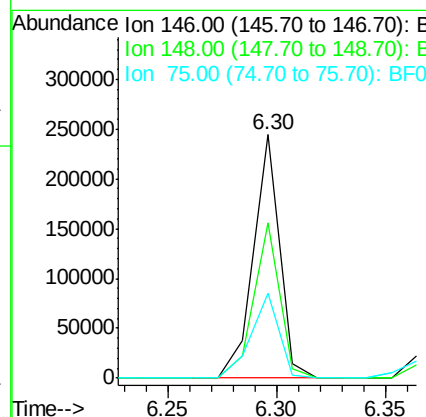
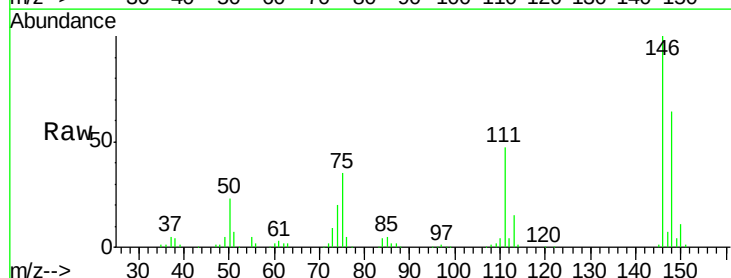
Manual Integrations
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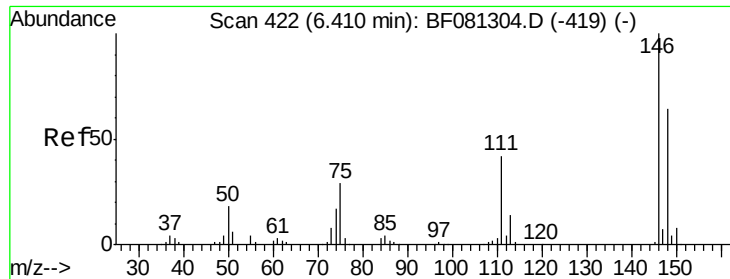
MMDadoda
9/8/2015 1:57:14 PM



#12
1,3-Dichlorobenzene
Concen: 41.52 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	203826		
148	63.8	51.0	76.4	
75	35.0	15.0	22.6	





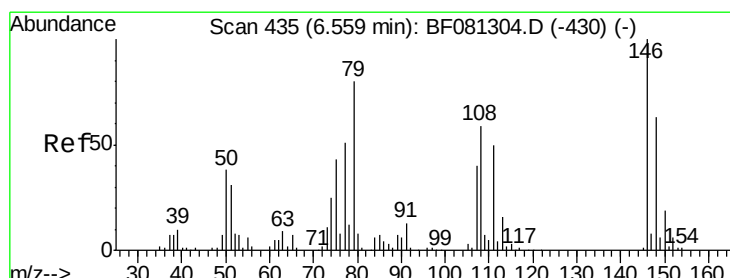
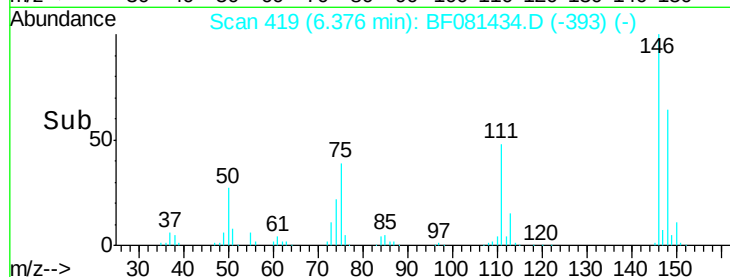
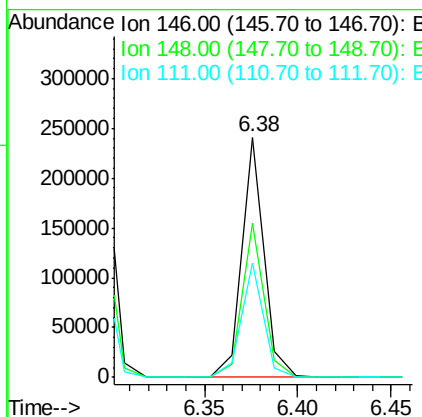
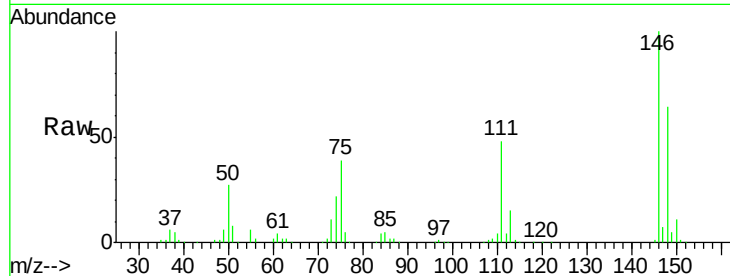
#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198692		
148	64.2	51.8	77.6	
111	47.8	24.9	37.3#	

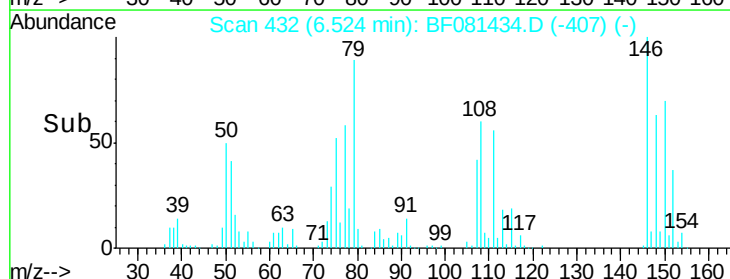
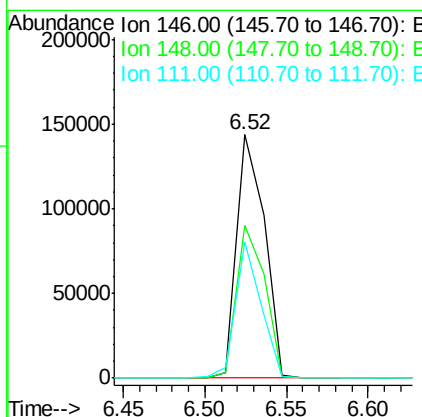
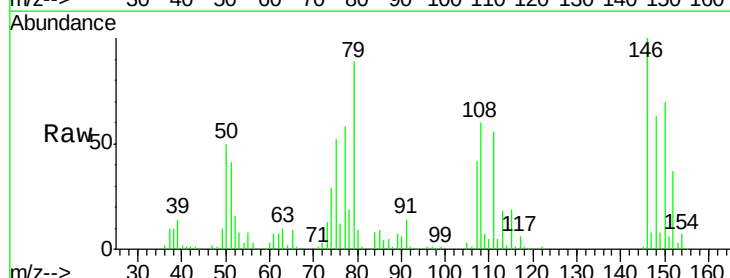
Manual Integrations
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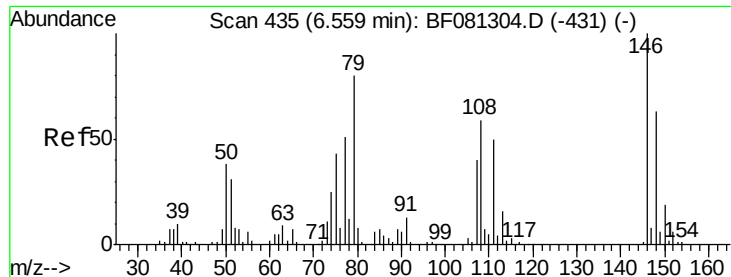
MMDadoda
 9/8/2015 1:57:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.43 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	168431		
148	62.7	52.7	79.1	
111	55.9	28.8	43.2#	





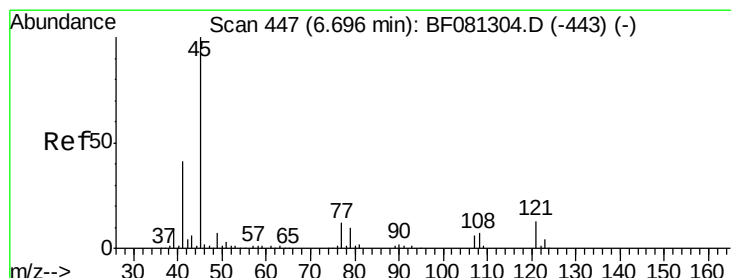
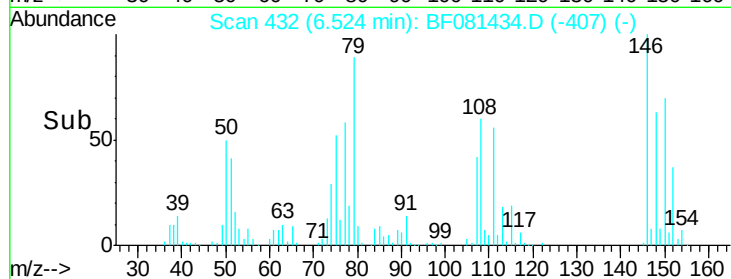
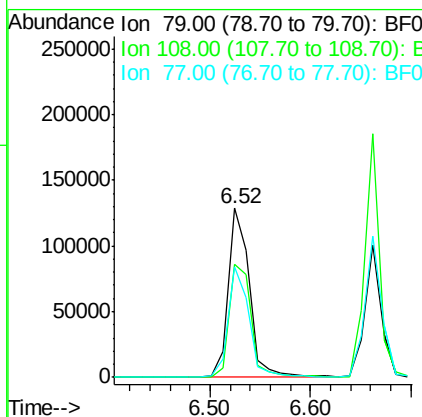
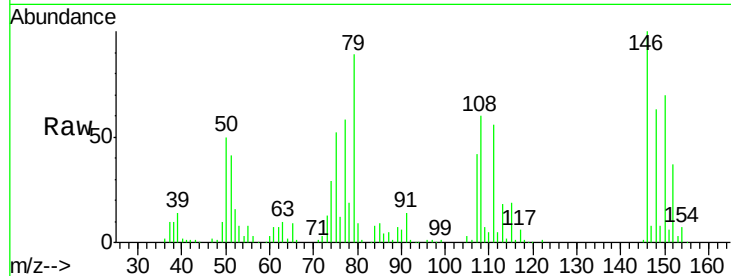
#15
Benzyl Alcohol
Concen: 41.83 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion: 79 Resp: 189372
Ion Ratio Lower Upper
79 100
108 66.7 88.6 132.8#
77 65.2 47.0 70.4

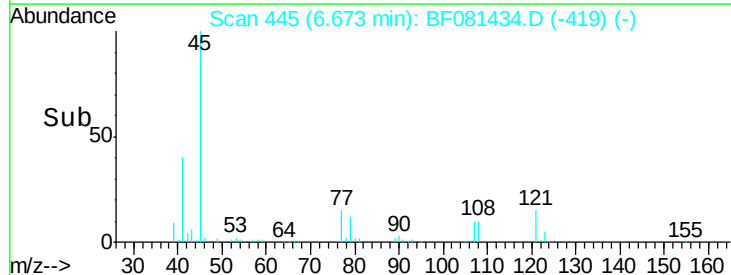
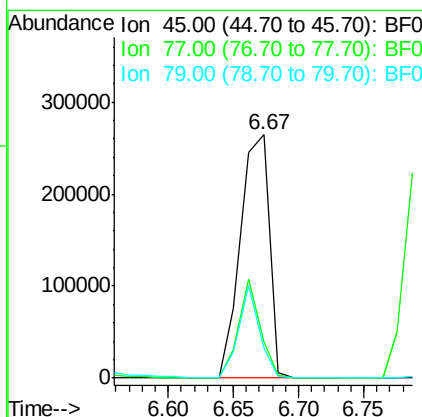
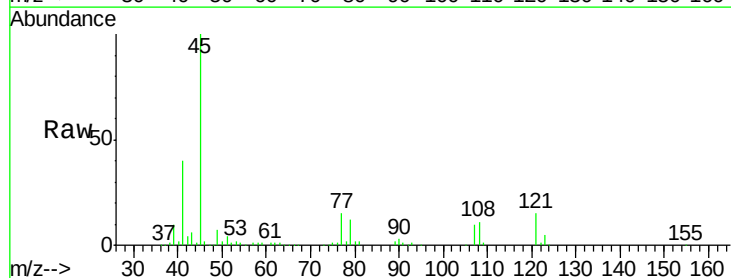
Manual Integrations
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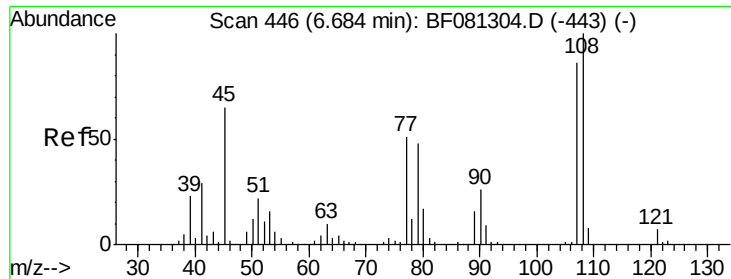
MMDadoda
9/8/2015 1:57:14 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.98 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion: 45 Resp: 406915
Ion Ratio Lower Upper
45 100
77 14.9 0.0 28.1
79 12.4 0.0 26.0





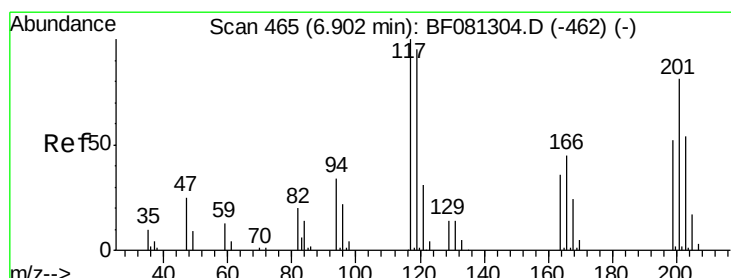
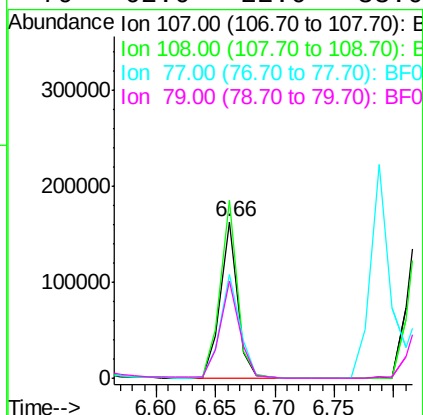
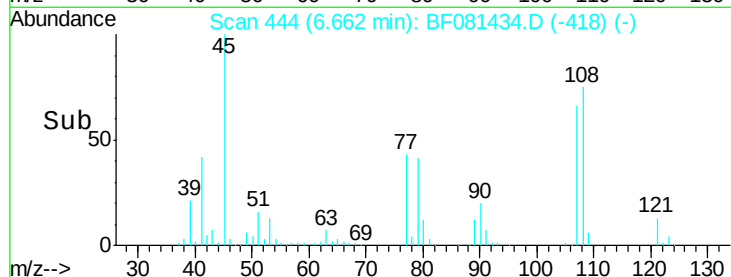
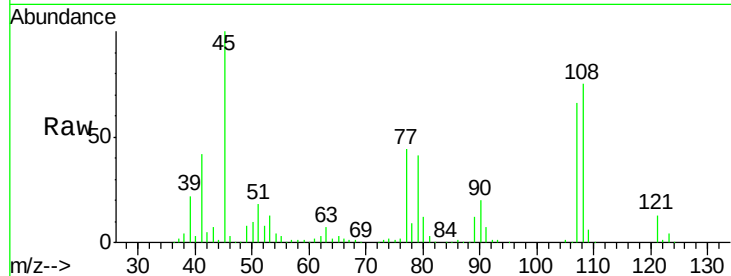
#17
2-Methylphenol
Concen: 44.83 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	164347		
108	113.7	96.6	145.0	
77	65.9	23.3	34.9	
79	62.0	22.0	33.0	

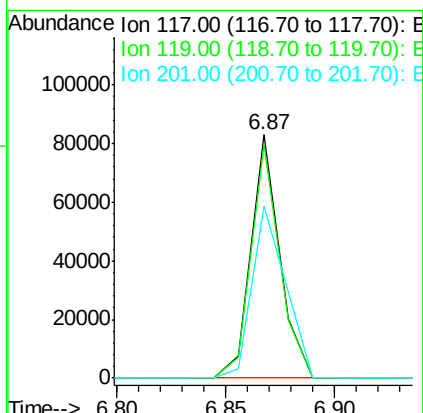
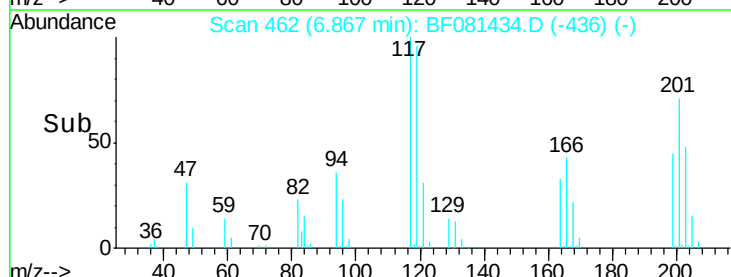
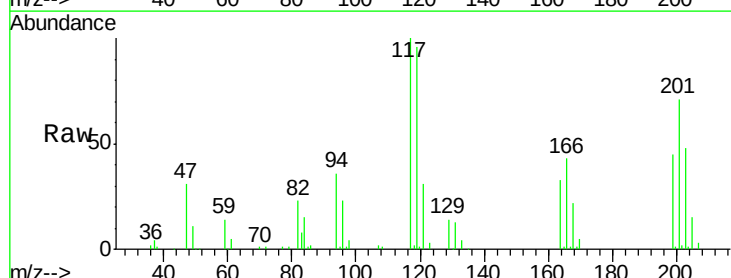
Manual Integrations
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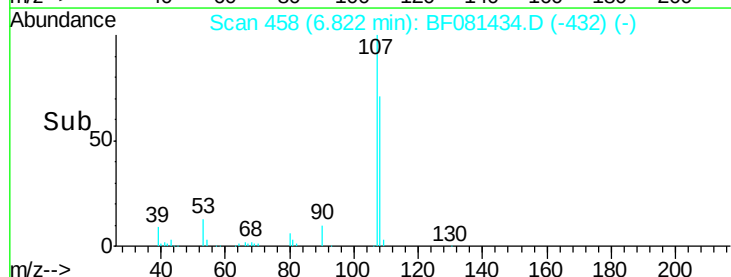
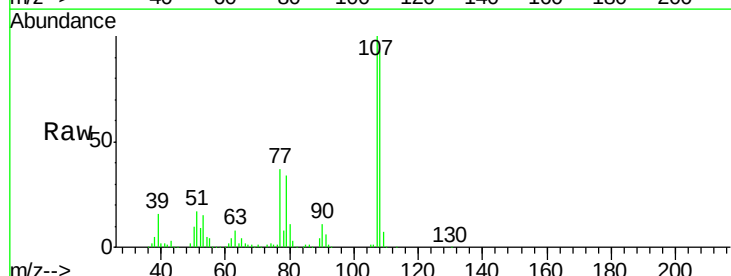
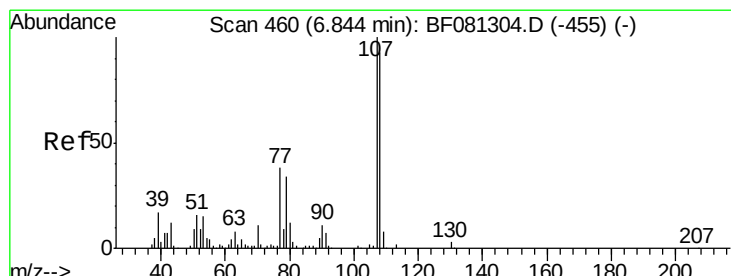
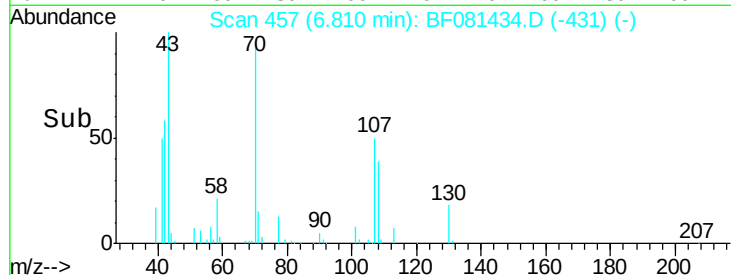
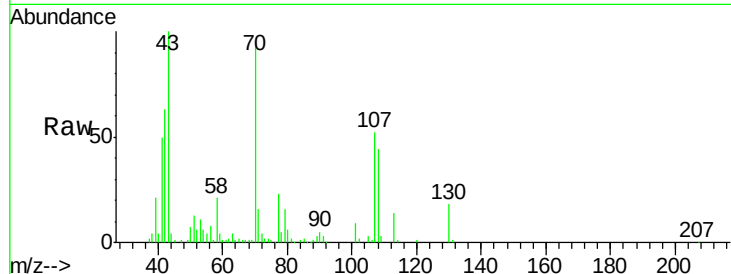
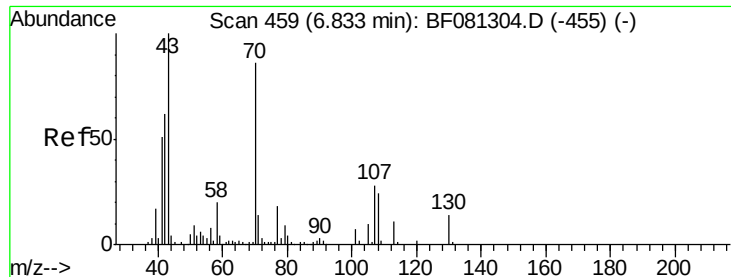
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#18
Hexachloroethane
Concen: 39.17 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76170		
119	96.0	83.8	125.6	
201	70.8	55.1	82.7	





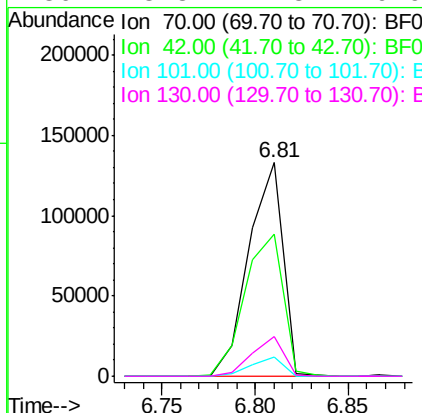
#19
n-Nitroso-di-n-propylamine
Concen: 45.05 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		169219		
42	66.8	63.8	95.6		
101	9.1	9.2	13.8#		
130	18.8	27.3	40.9#		

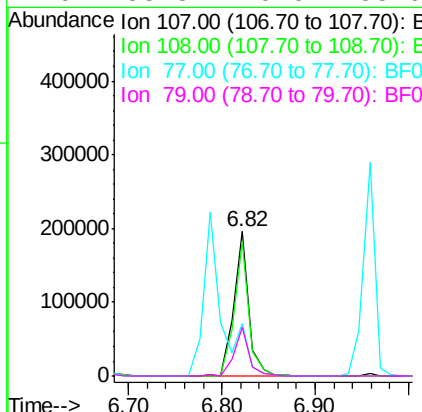
Manual Integrations
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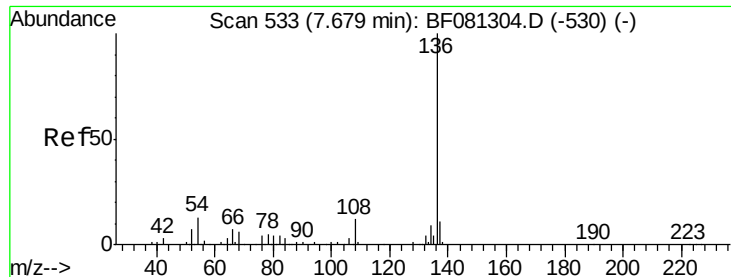
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#20
3+4-Methylphenols
Concen: 44.50 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		219947		
108	92.8	74.6	114.6		
77	36.6	0.7	40.7		
79	33.8	0.0	38.9		





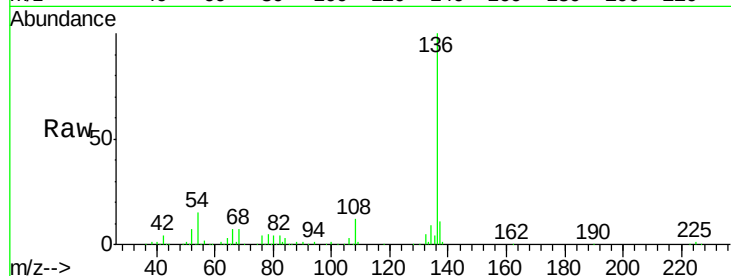
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

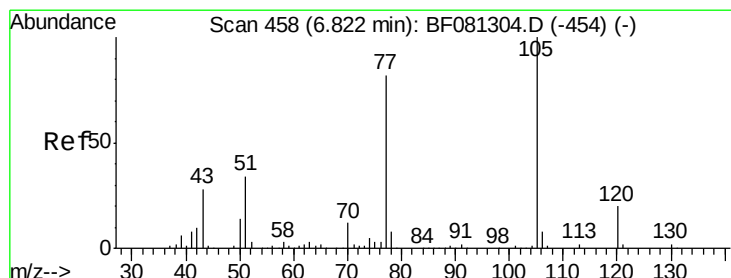
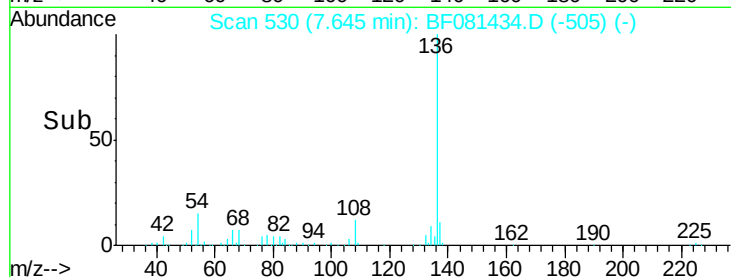
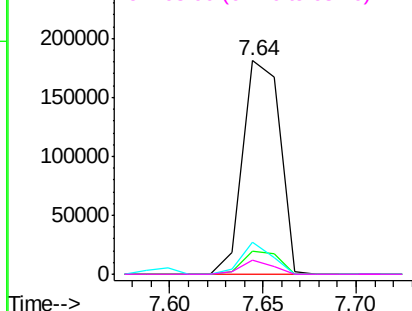
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.0	13.6
54	14.8	8.2	12.2#
68	6.8	5.8	8.6

Manual Integrations
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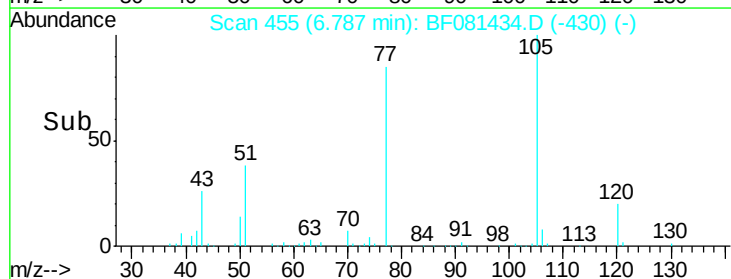
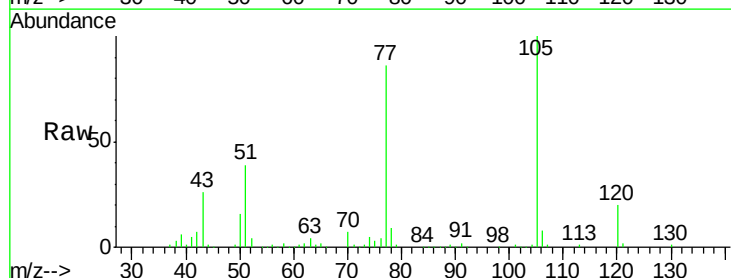
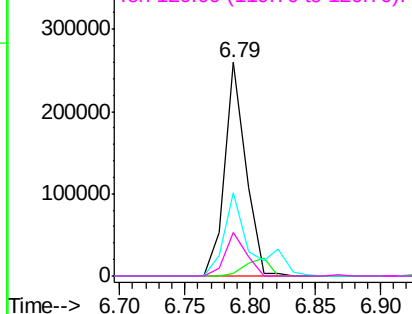
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

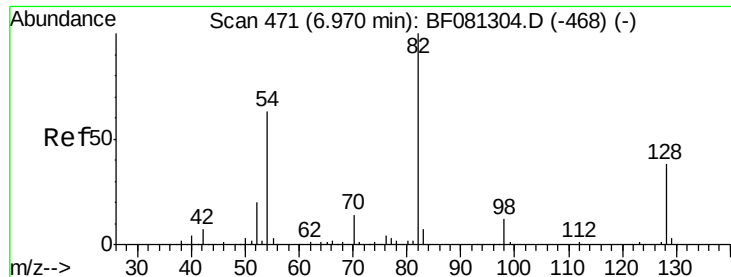


#22
Acetophenone
Concen: 42.41 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.3	4.7	7.1#
51	38.8	22.0	33.0#
120	20.4	30.1	45.1#

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





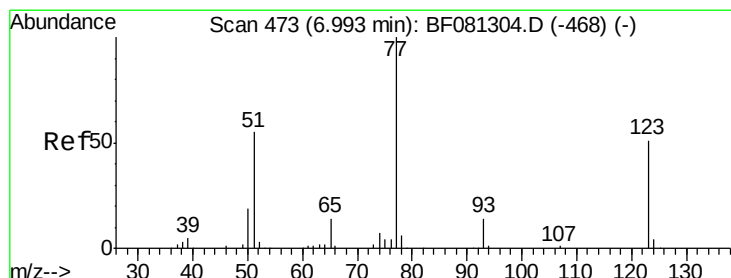
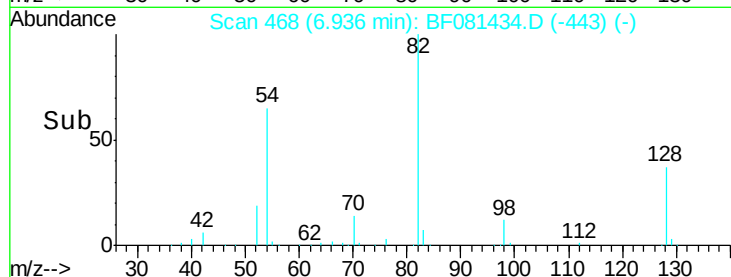
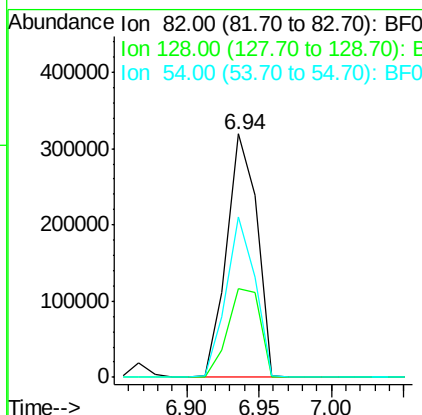
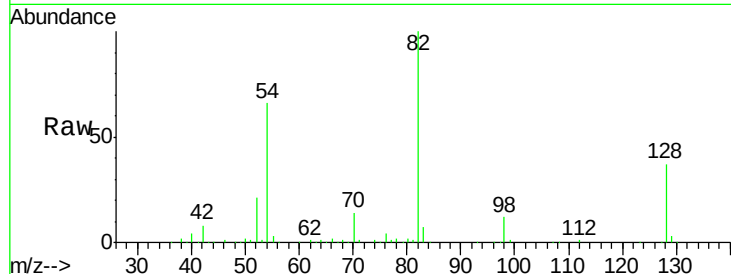
#23
 Nitrobenzene-d5
 Concen: 88.15 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	462135		
128	36.6	51.0	76.6#	
54	66.1	47.5	71.3	

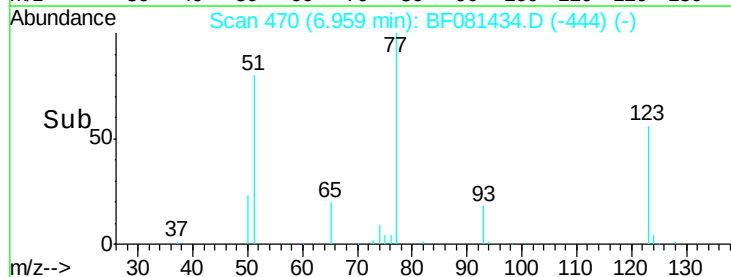
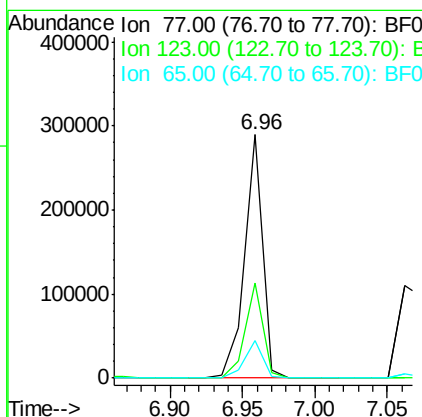
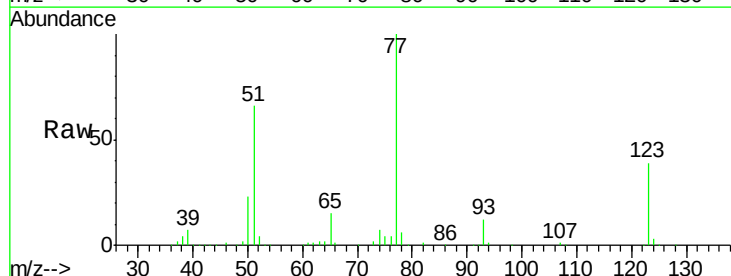
Manual Integrations
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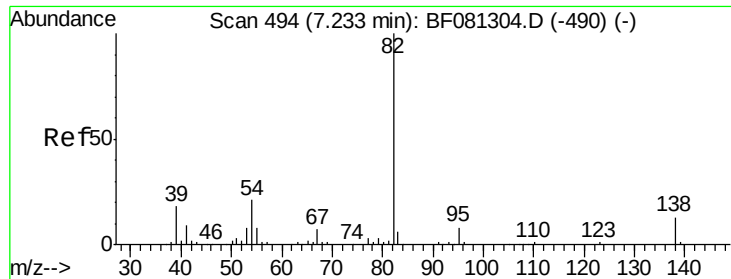
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 9/8/2015 1:57:14 PM



#24
 Nitrobenzene
 Concen: 46.22 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	251624		
123	38.9	59.8	89.8#	
65	15.3	10.2	15.4	





#25

Isophorone

Concen: 42.50 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081434.D

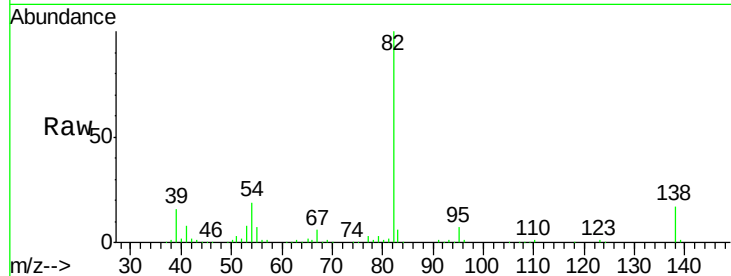
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD



Tgt Ion: 82 Resp: 414465

Ion Ratio Lower Upper

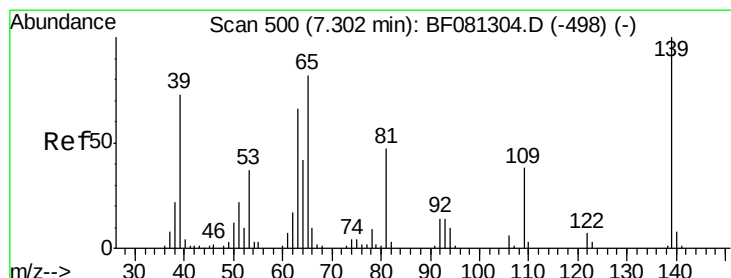
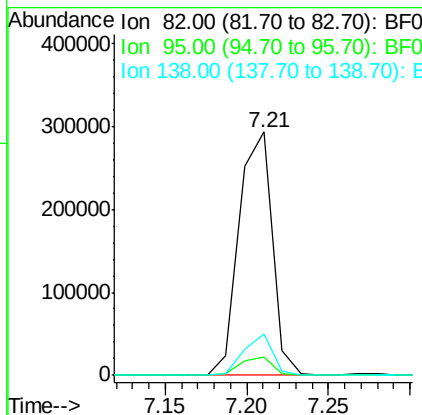
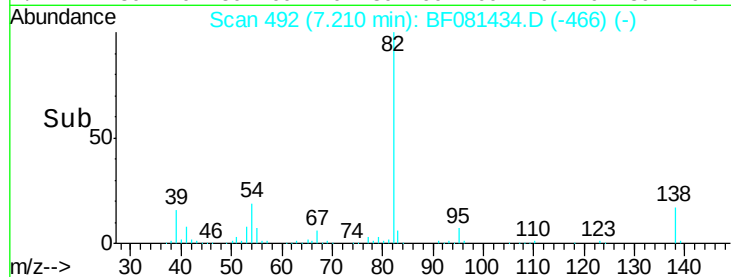
82 100

95 7.3 4.0 6.0#

138 16.7 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.44 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

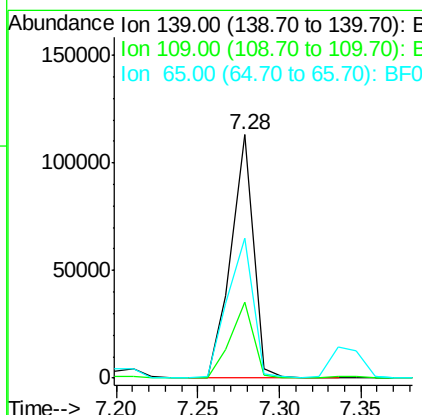
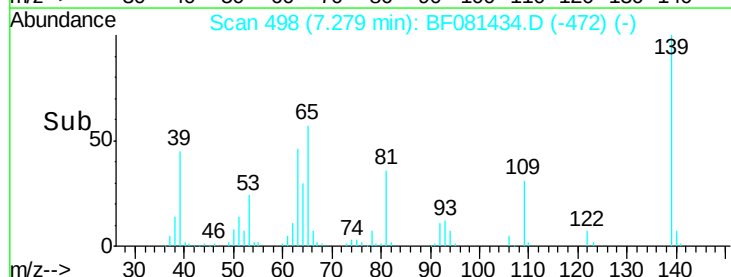
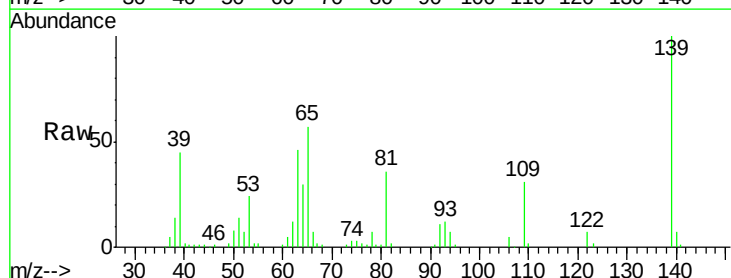
Tgt Ion: 139 Resp: 107831

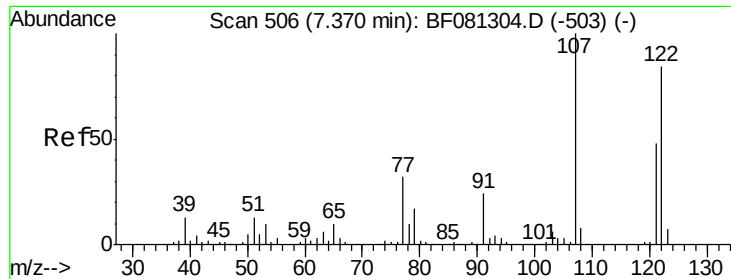
Ion Ratio Lower Upper

139 100

109 31.1 11.0 16.4#

65 57.4 24.7 37.1#





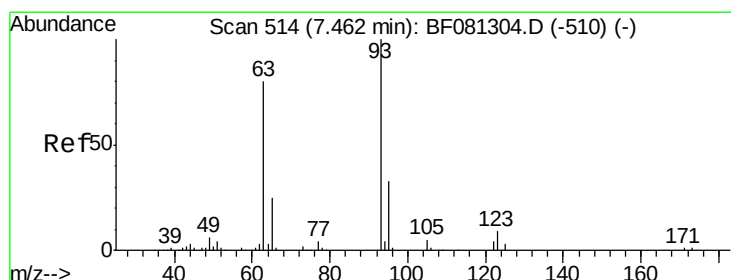
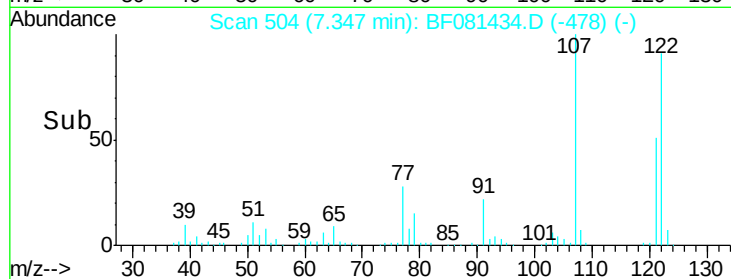
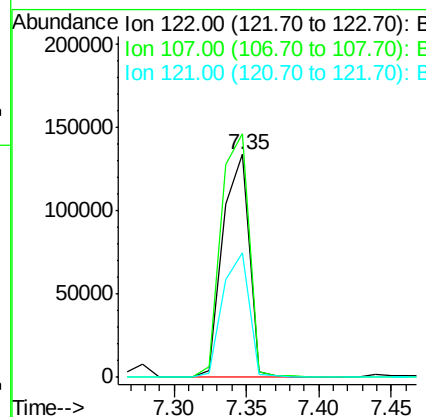
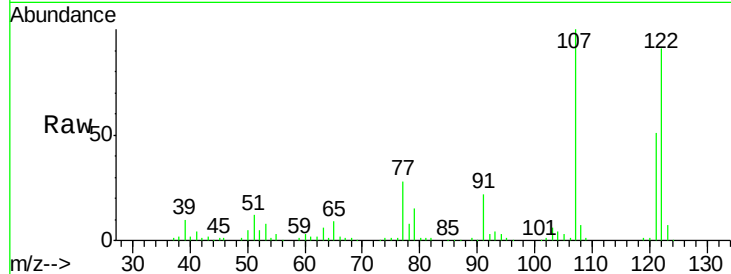
#27
 2,4-Dimethylphenol
 Concen: 41.59 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	170467		
107	109.4	71.8	107.6#	
121	55.8	42.3	63.5	

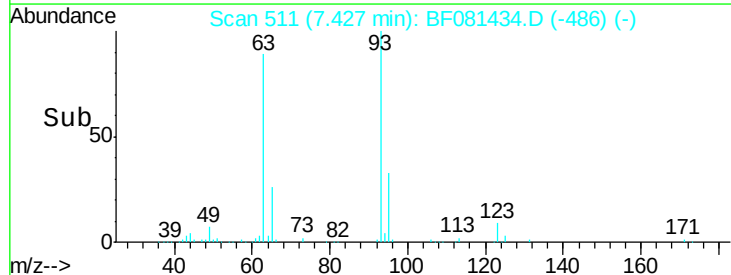
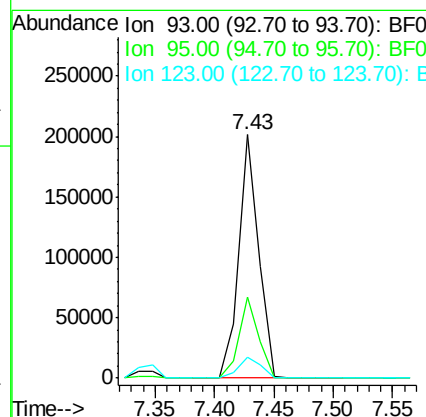
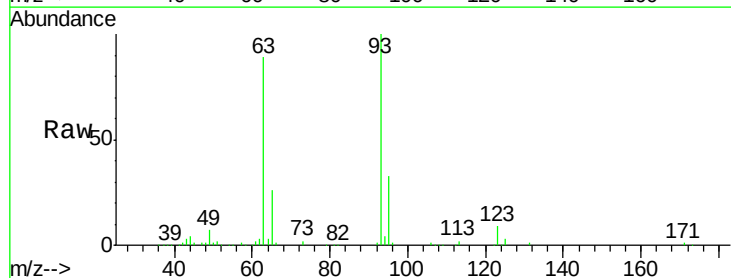
Manual Integrations
 APPROVED

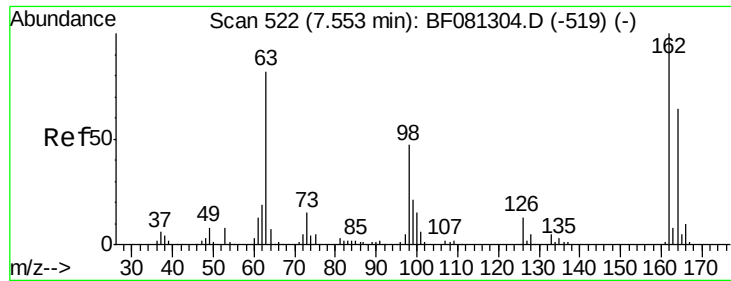
MMDadoda
 9/8/2015 1:57:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.62 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	234448		
95	33.0	27.5	41.3	
123	8.7	13.7	20.5#	





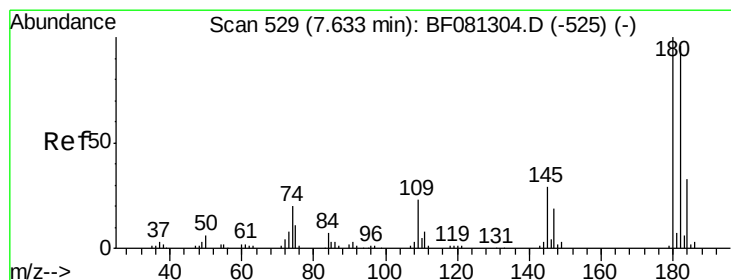
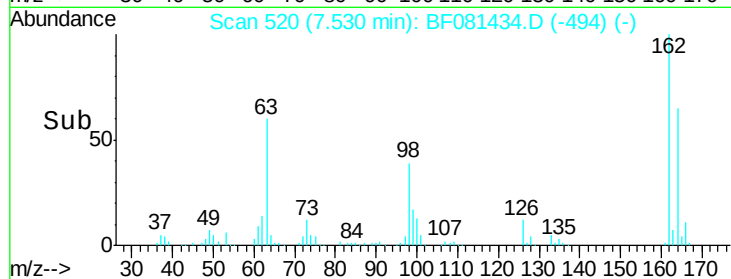
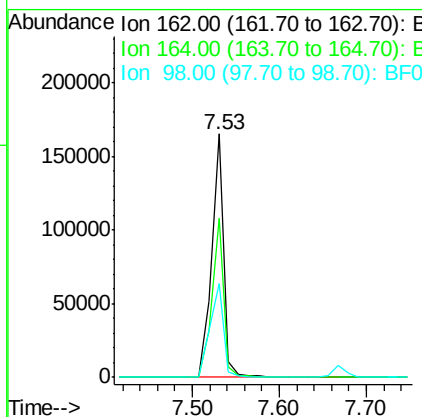
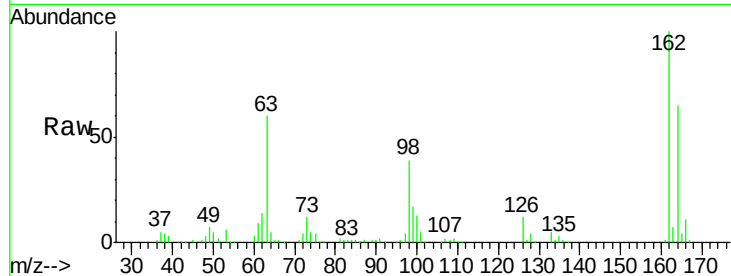
#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	160525		
164	65.2	44.9	84.9	
98	38.8	13.0	53.0	

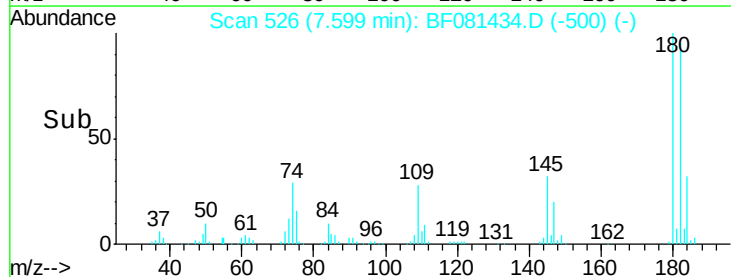
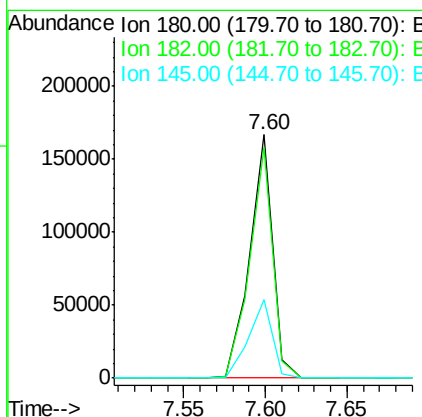
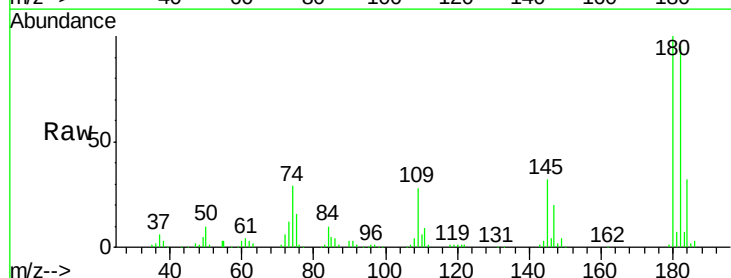
Manual Integrations
 APPROVED

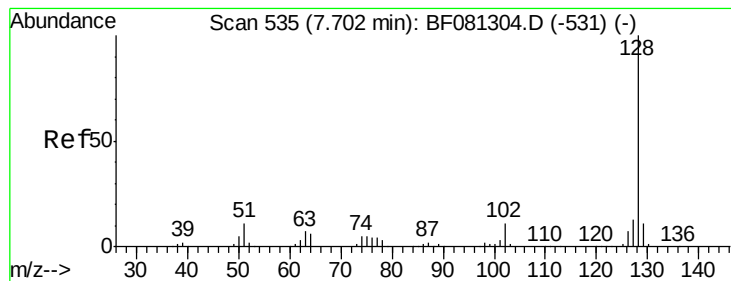
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.19 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162905		
182	95.1	77.1	115.7	
145	32.4	23.3	34.9	





#31

Naphthalene

Concen: 38.17 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081434.D

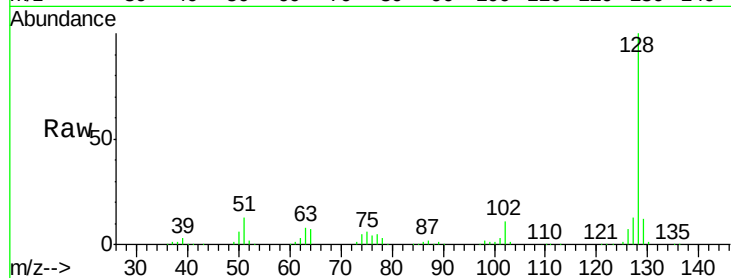
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

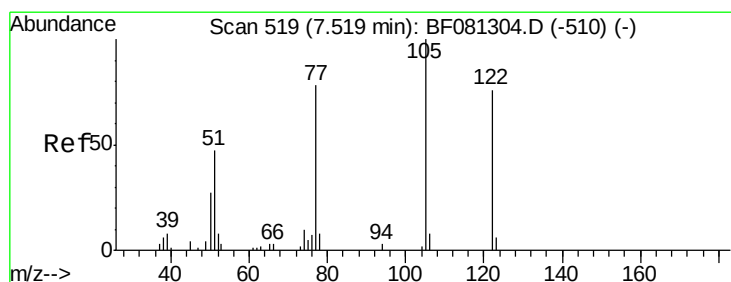
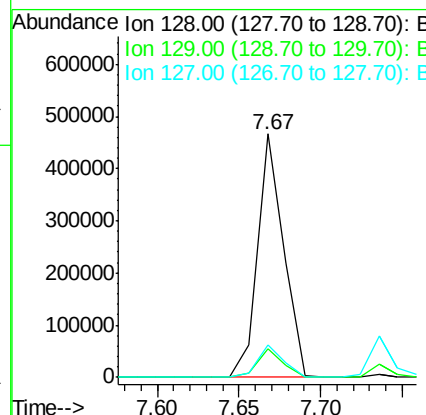
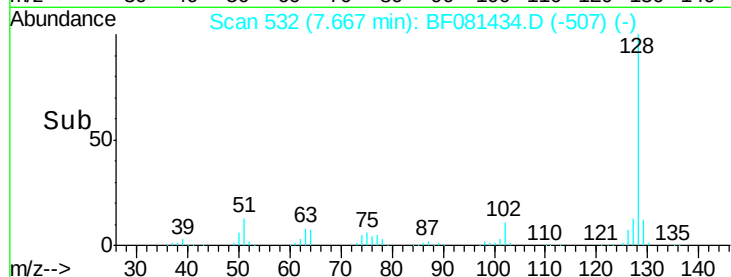
SB-11(5-7)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	514824		
129	11.5	8.4	12.6	
127	13.1	9.9	14.9	

Manual Integrations
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#32

Benzoic acid

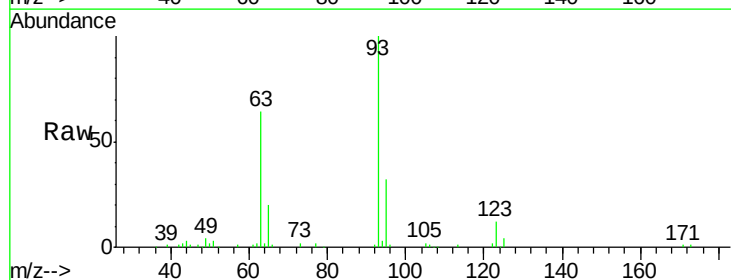
Concen: 3.44 ng m

RT: 7.44 min Scan# 512

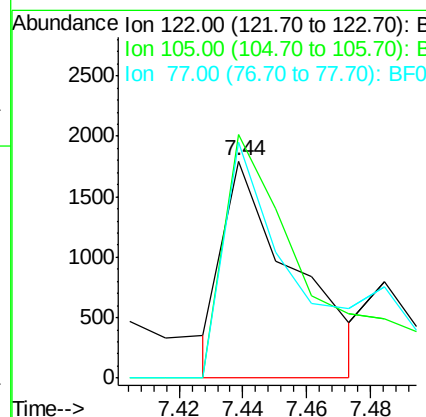
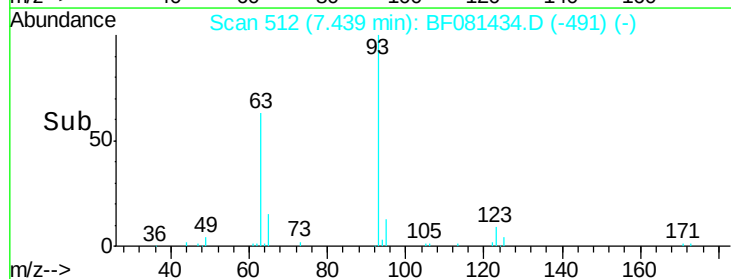
Delta R.T. -0.06 min

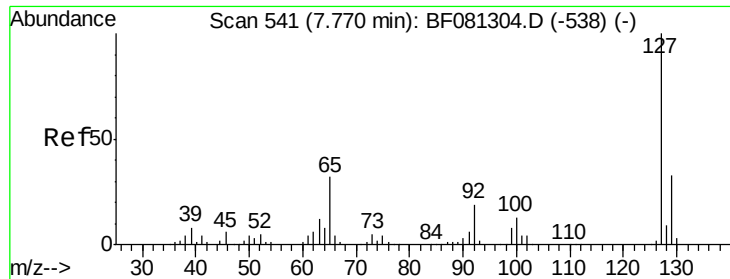
Lab File: BF081434.D

Acq: 4 Sep 2015 22:57



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	2782		
105	112.1	76.1	116.1	
77	108.7	40.5	80.5	





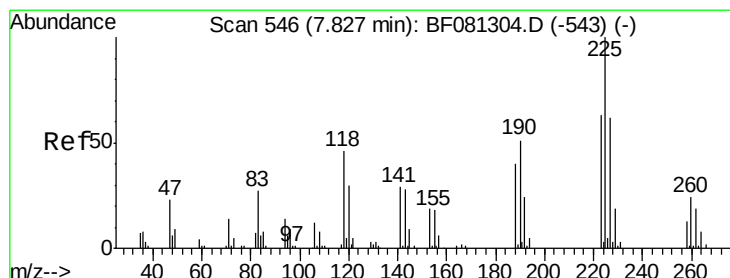
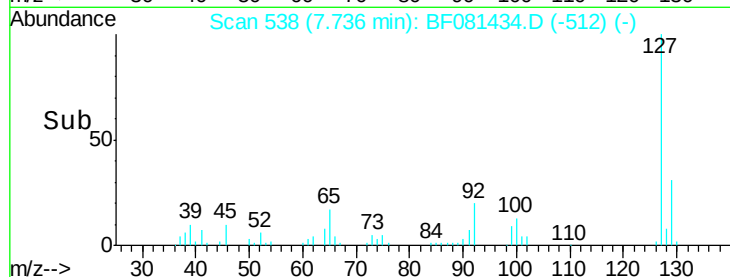
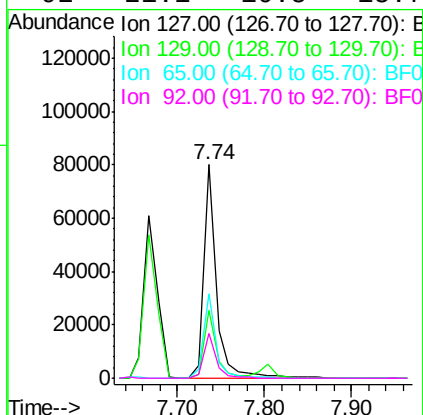
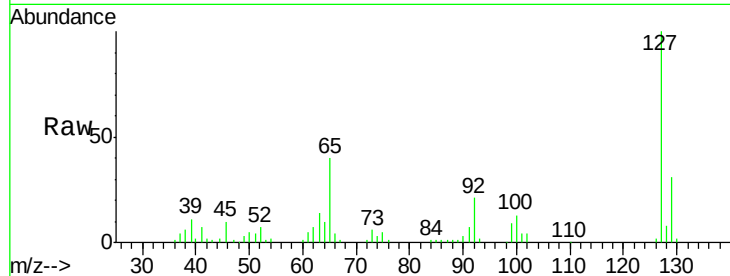
#33
4-Chloroaniline
Concen: 14.66 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	80641		
129	31.5	25.8	38.6	
65	39.7	17.9	26.9	
92	21.1	10.5	15.7	

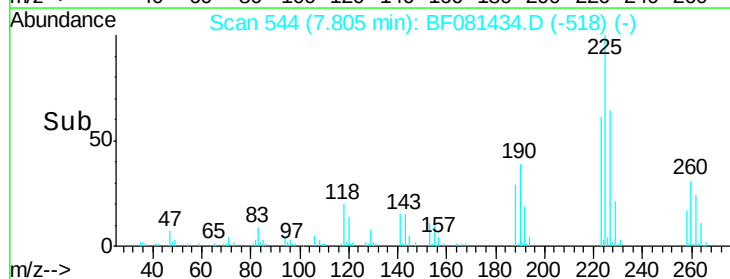
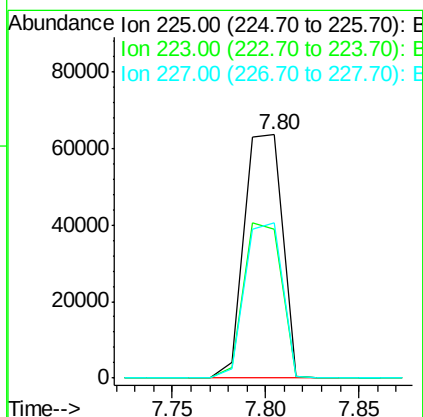
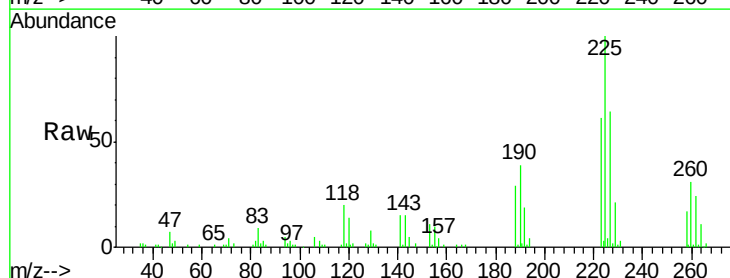
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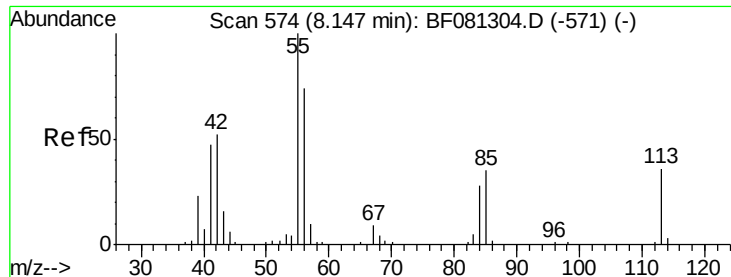
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#34
Hexachlorobutadiene
Concen: 38.30 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89982		
223	61.1	50.2	75.2	
227	63.6	52.2	78.2	





#35

Caprolactam

Concen: 52.19 ng m

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF081434.D

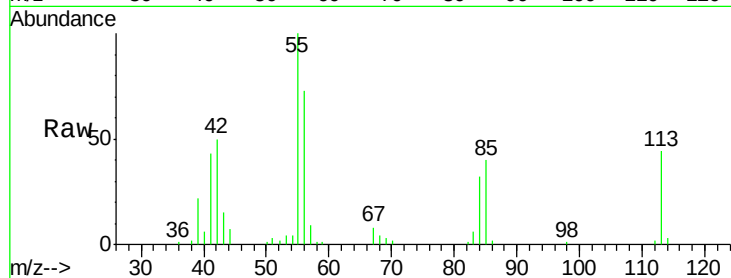
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD



Tgt Ion:113 Resp: 56884

Ion Ratio Lower Upper

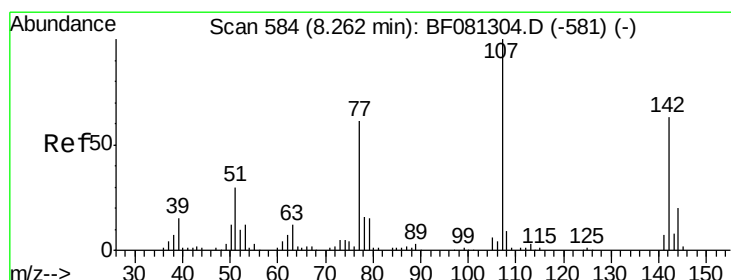
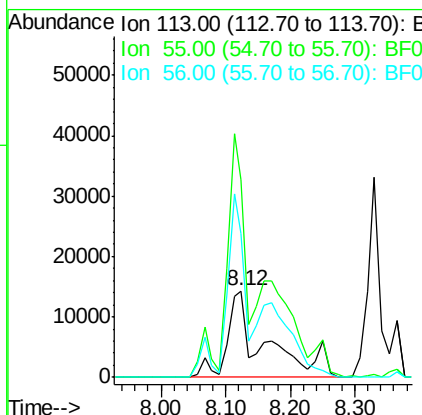
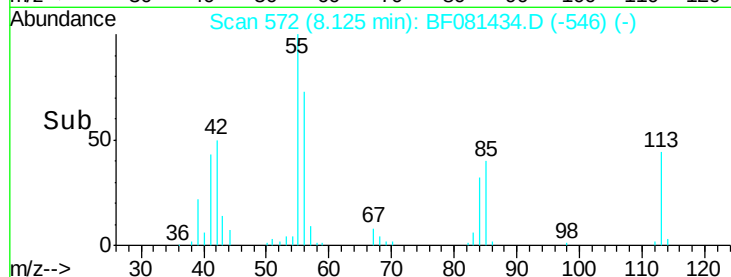
113 100

55 228.1 152.4 192.4#

56 165.5 104.6 144.6#

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#36

4-Chloro-3-methylphenol

Concen: 48.50 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

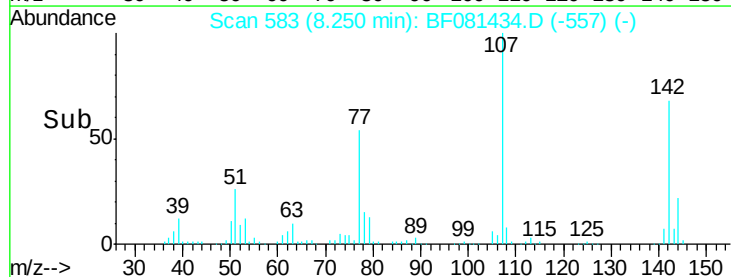
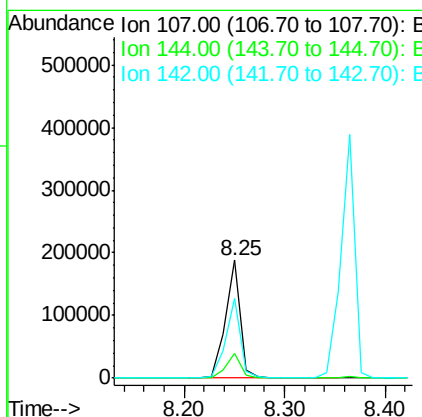
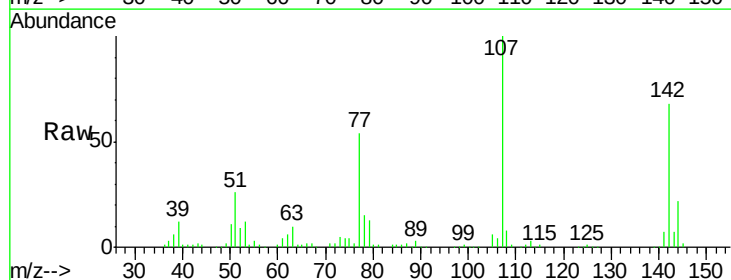
Tgt Ion:107 Resp: 192914

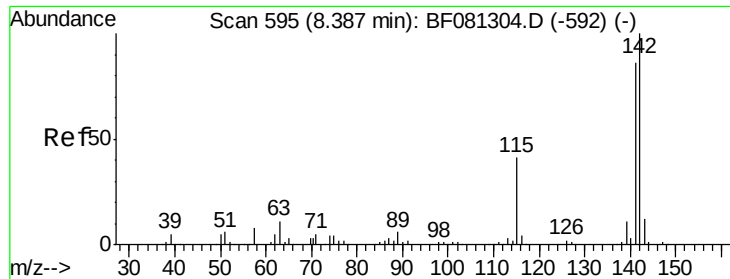
Ion Ratio Lower Upper

107 100

144 21.5 25.4 38.0#

142 68.1 77.3 115.9#





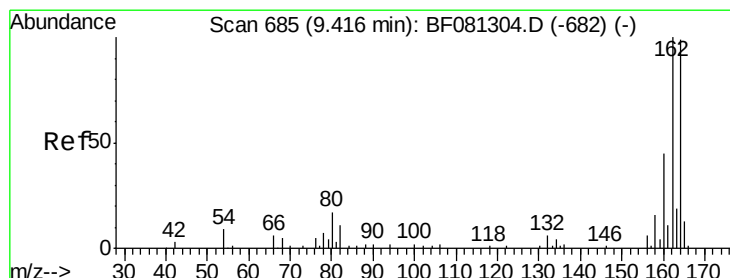
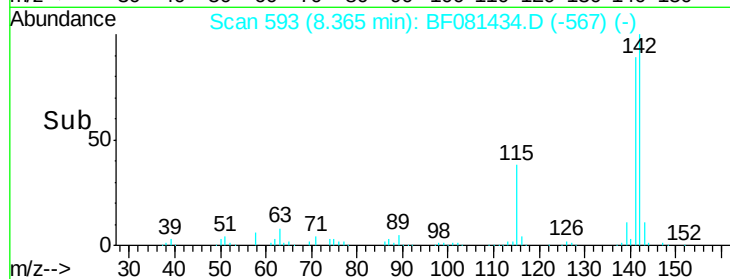
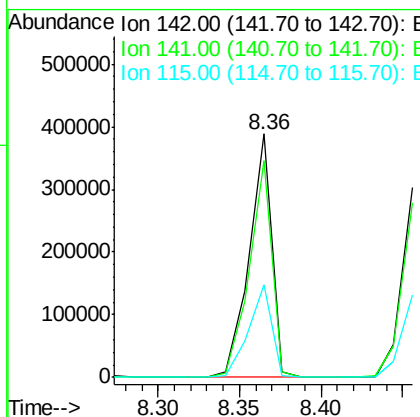
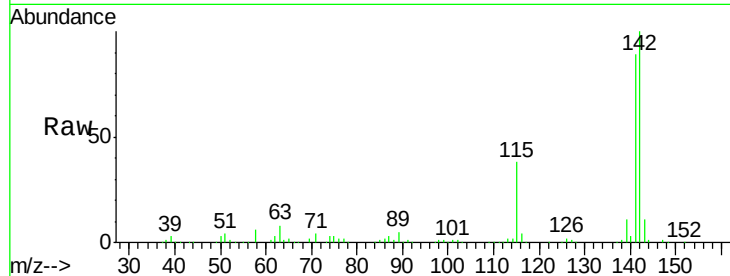
#37
 2-Methylnaphthalene
 Concen: 42.47 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	372855		
141	89.1	67.5	101.3	
115	38.0	18.2	27.2#	

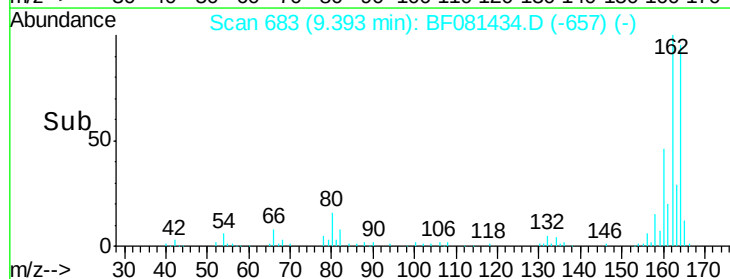
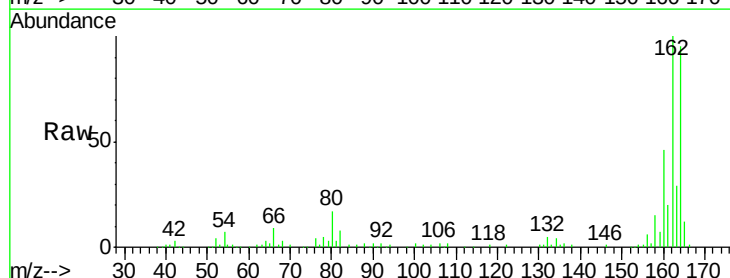
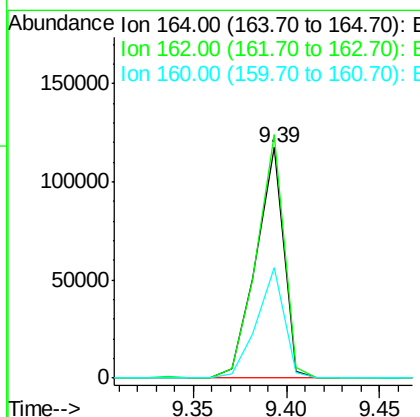
Manual Integrations
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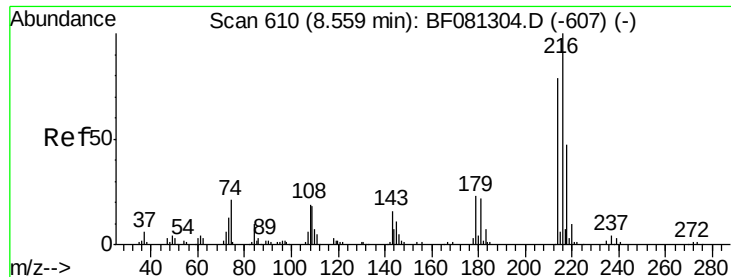
MMDadoda
 9/8/2015 1:57:14 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120837		
162	105.6	75.2	112.8	
160	48.2	31.5	47.3#	





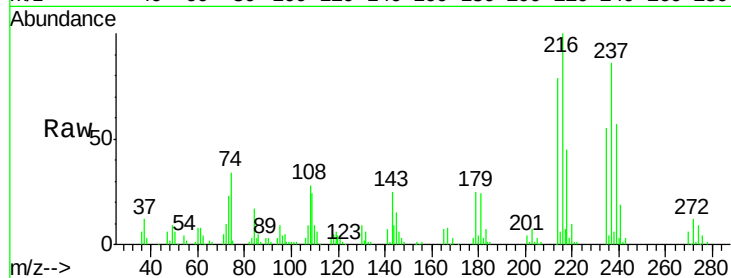
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.71 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	140279		
214	79.0	63.5	95.3	
179	22.3	16.6	24.8	
108	22.7	16.3	24.5	

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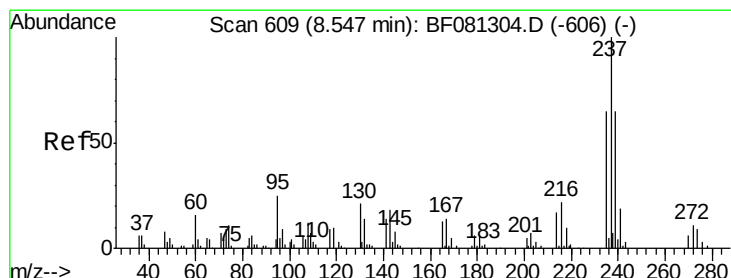
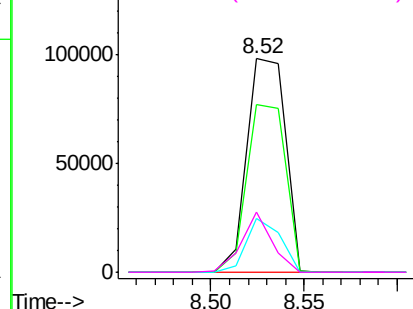
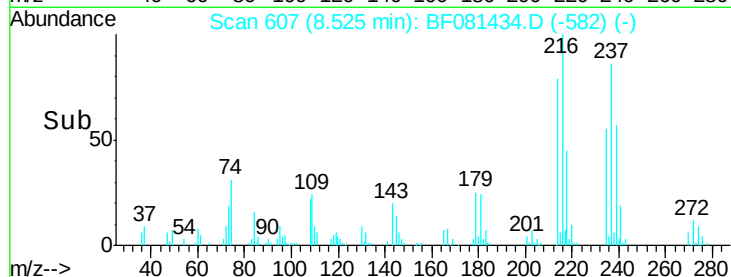
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

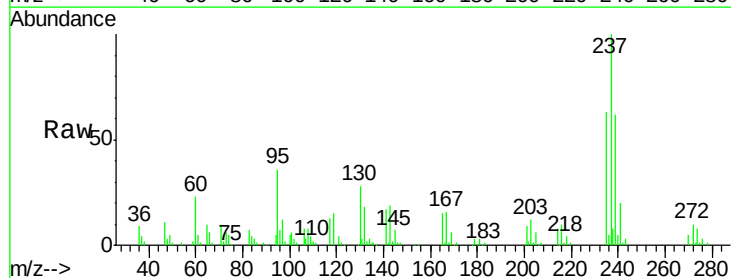
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 74.51 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	139741		
235	63.5	42.0	82.0	
272	10.2	0.0	36.1	

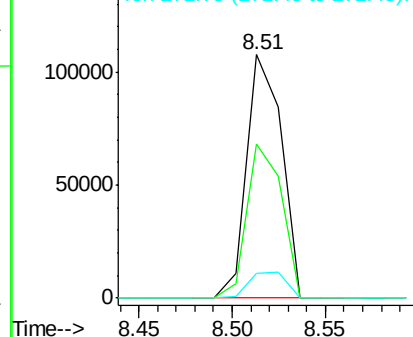
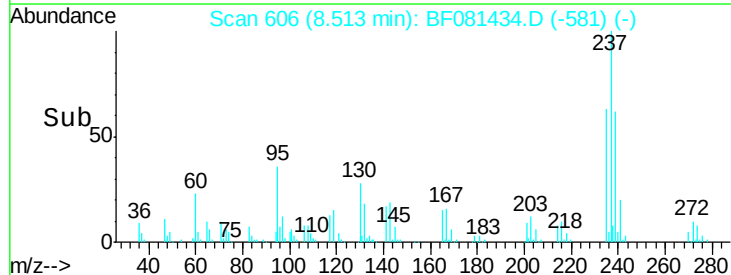


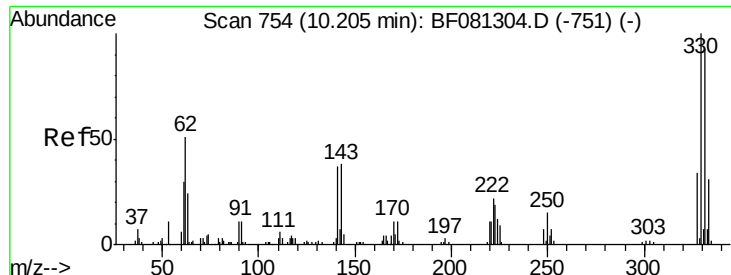
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





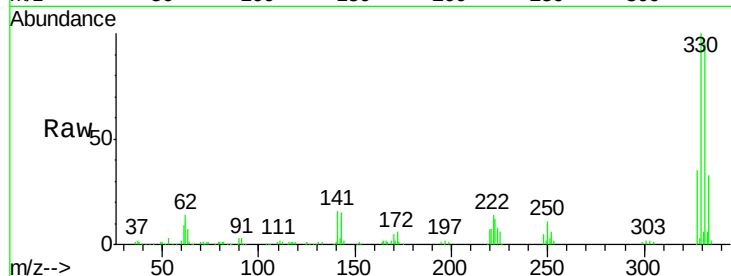
#41
 2,4,6-Tribromophenol
 Concen: 132.66 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

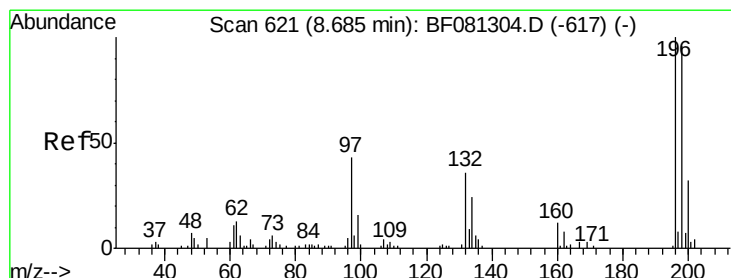
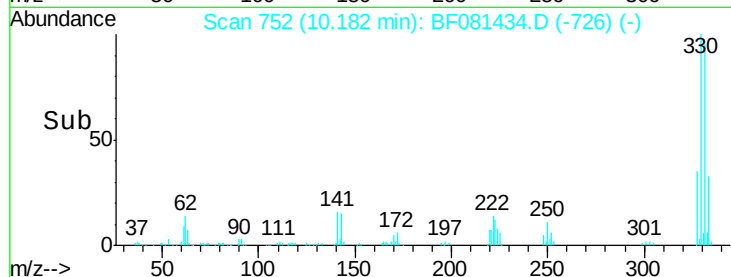
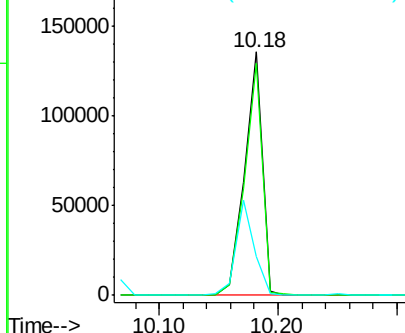
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142730		
332	95.1	76.6	114.8	
141	39.7	29.7	44.5	

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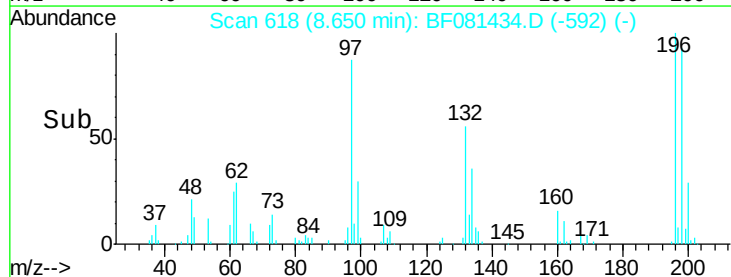
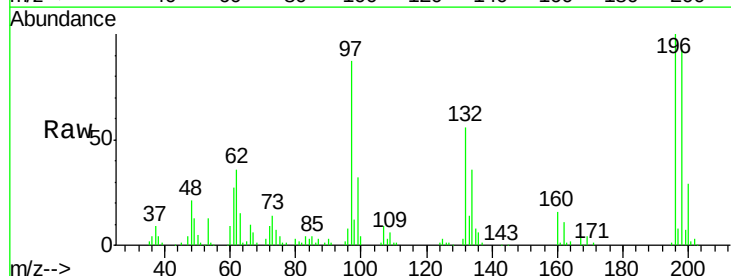
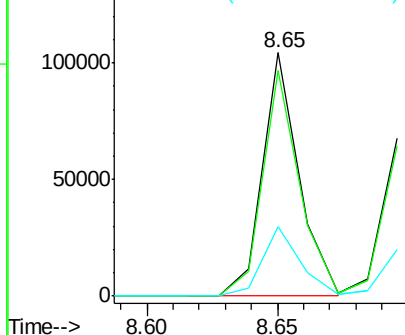
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

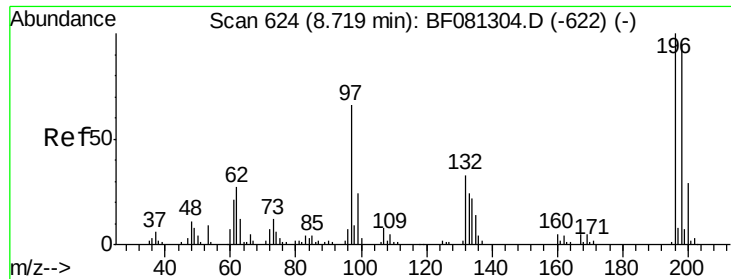


#42
 2,4,6-Trichlorophenol
 Concen: 38.59 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101772		
198	93.0	75.7	113.5	
200	28.7	23.9	35.9	

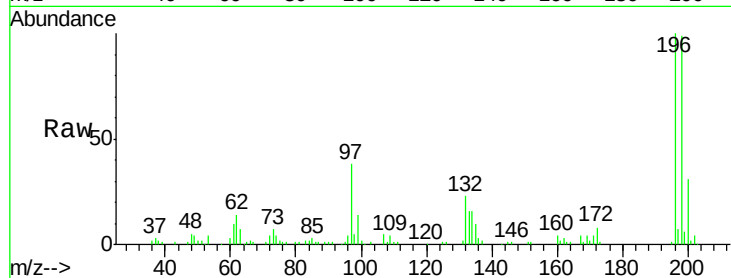
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

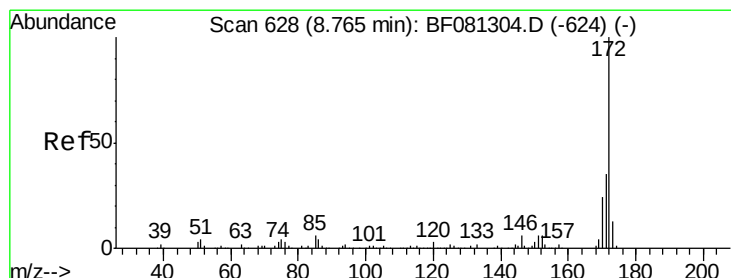
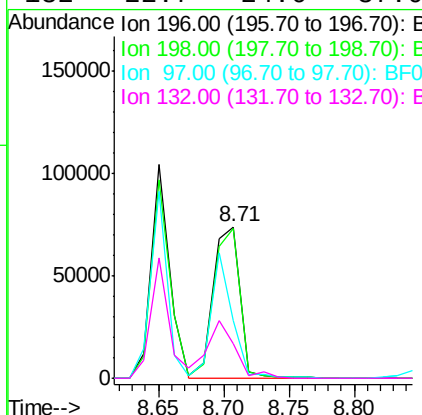
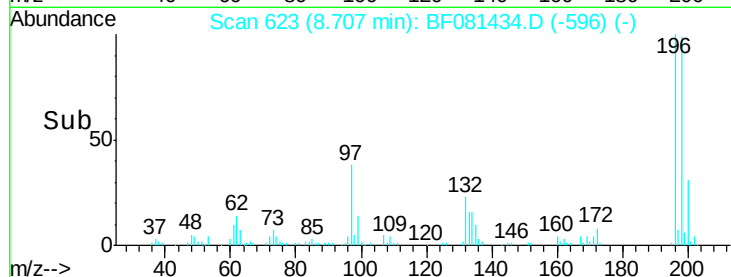
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD



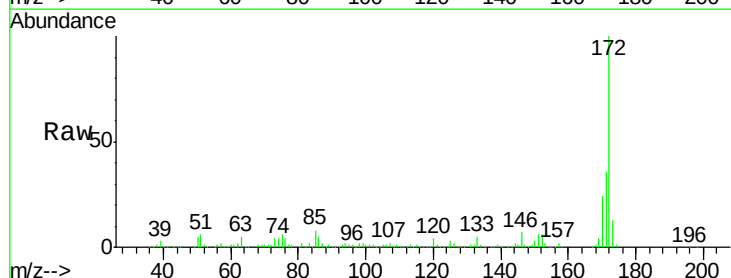
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106210		
198	98.8	75.4	113.0	
97	38.2	33.3	49.9	
132	22.7	24.6	37.0	

Manual Integrations
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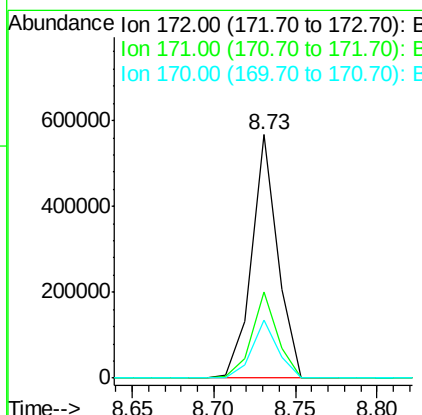
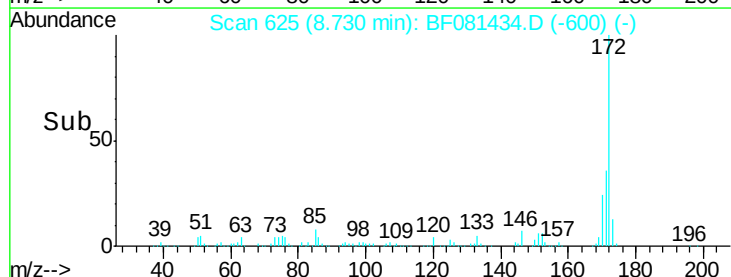
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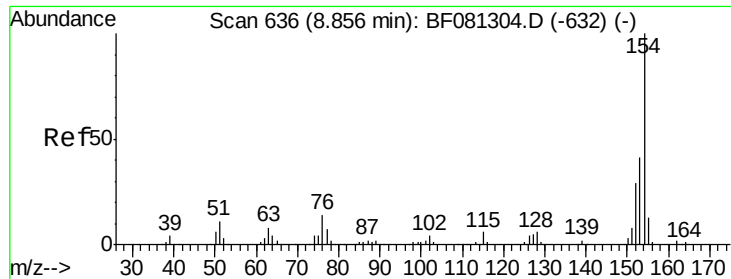


#44
 2-Fluorobiphenyl
 Concen: 66.57 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	627705		
171	35.6	26.1	39.1	
170	23.9	17.4	26.2	





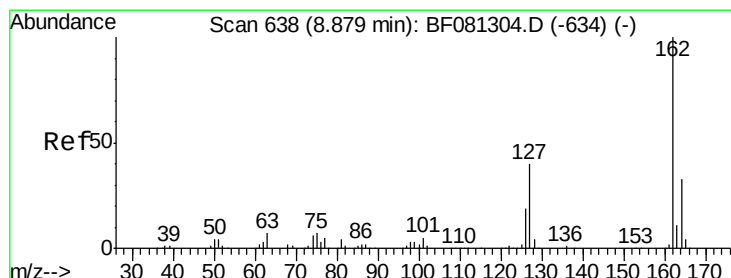
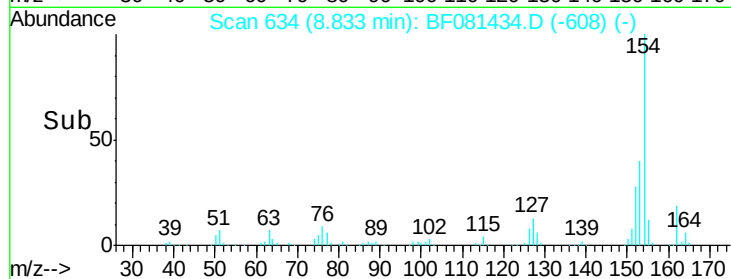
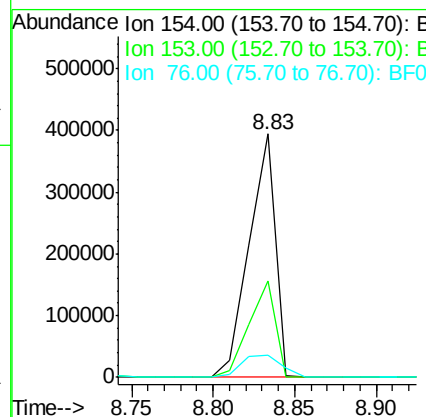
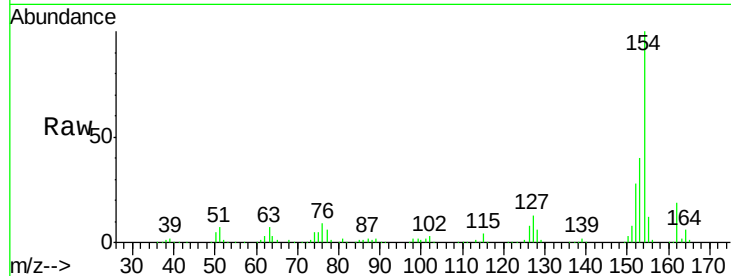
#45
 1,1'-Biphenyl
 Concen: 39.42 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.6	17.1	57.1	
76	9.1	0.0	31.6	

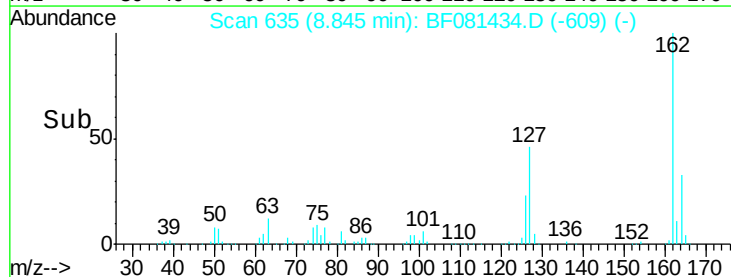
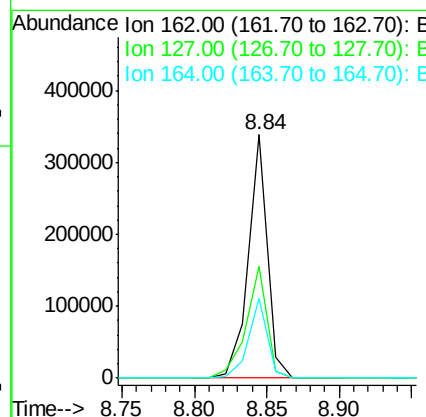
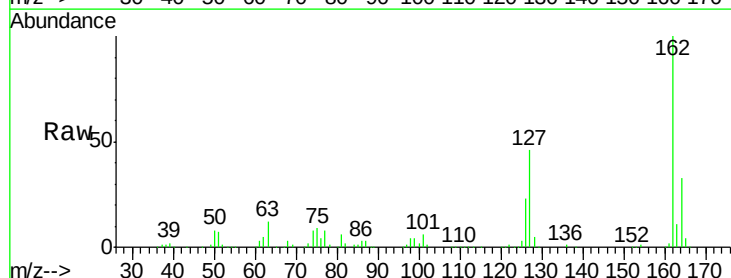
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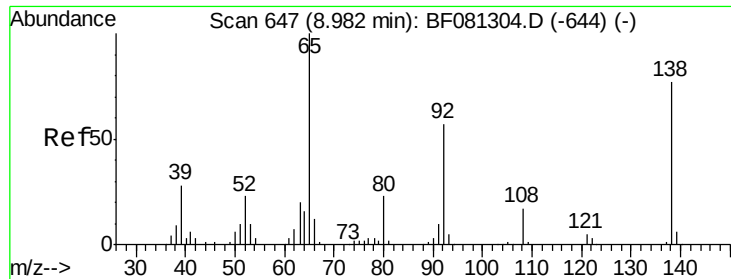
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#46
 2-Chloronaphthalene
 Concen: 38.38 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.0	27.6	41.4#	
164	32.7	25.4	38.2	





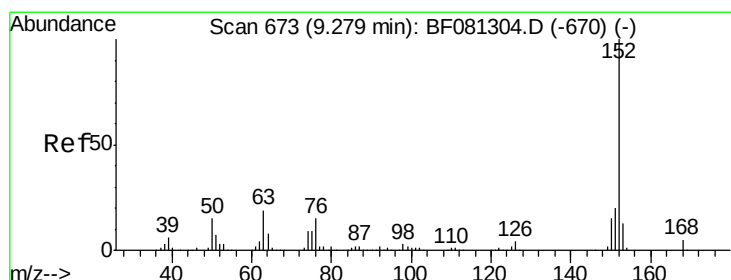
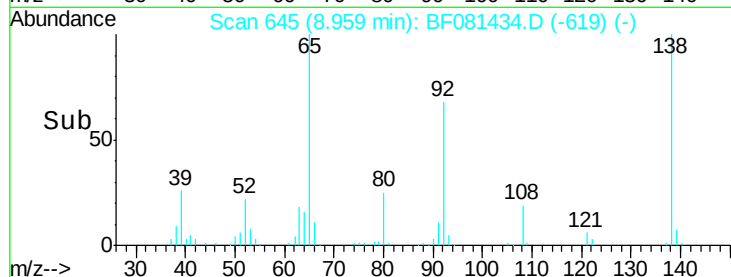
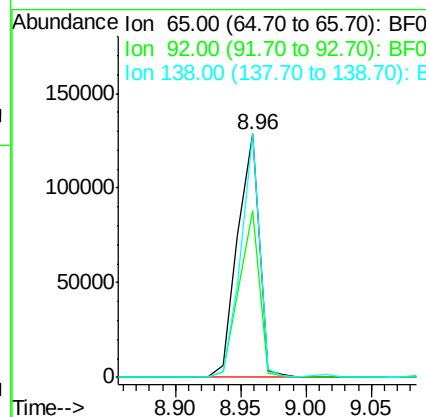
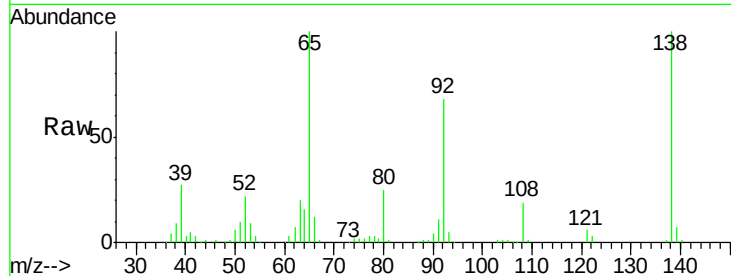
#47
2-Nitroaniline
Concen: 45.17 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147810		
92	68.3	55.4	83.0	
138	99.9	115.5	173.3	

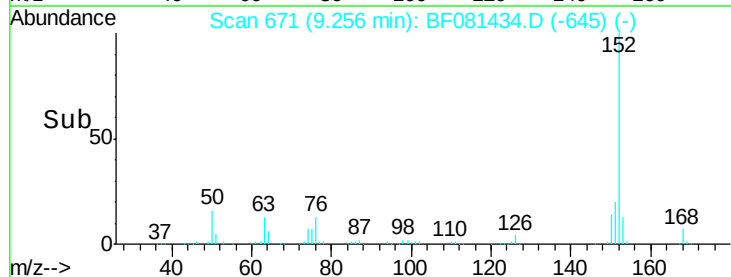
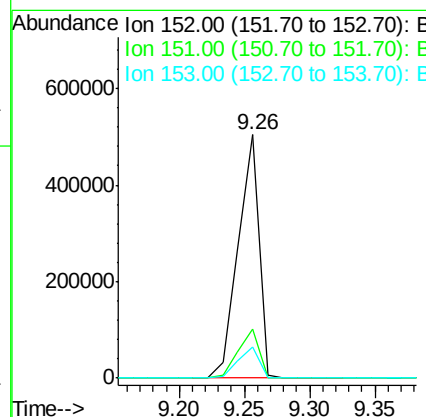
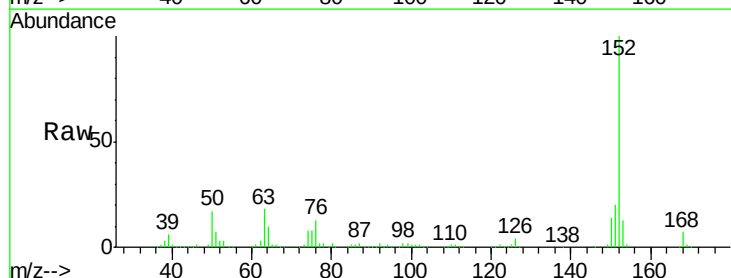
Manual Integrations
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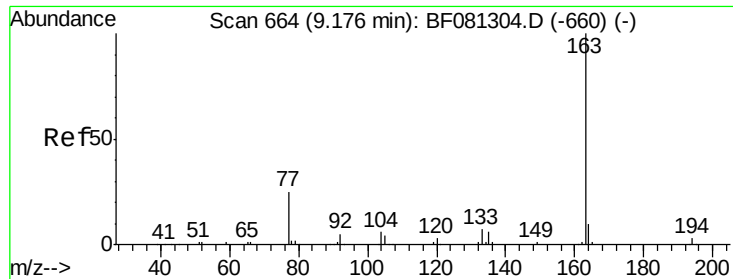
MMDadoda
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#48
Acenaphthylene
Concen: 38.88 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	553691		
151	19.9	14.6	22.0	
153	12.9	10.3	15.5	





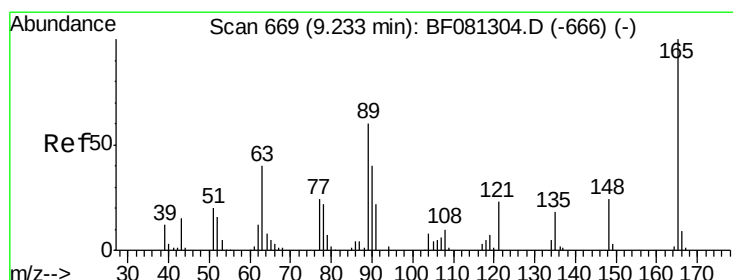
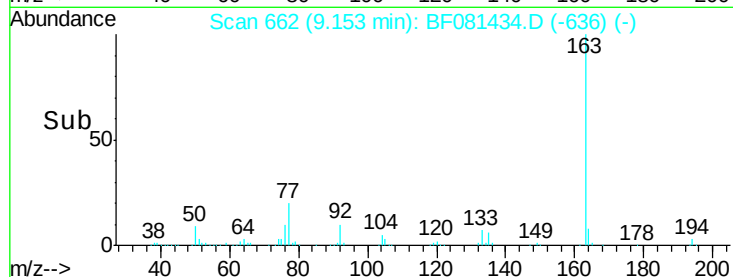
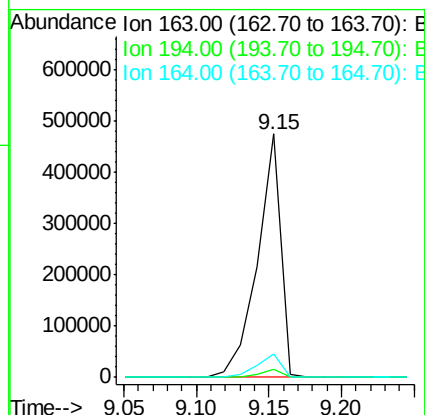
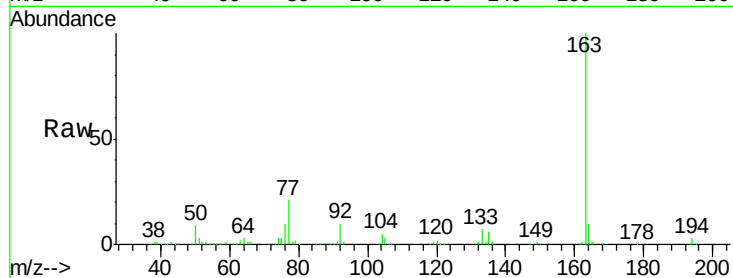
#49
Dimethylphthalate
Concen: 56.47 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	4.4	6.6#
164	9.9	8.3	12.5

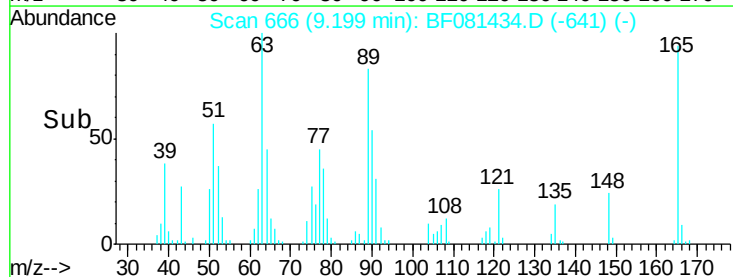
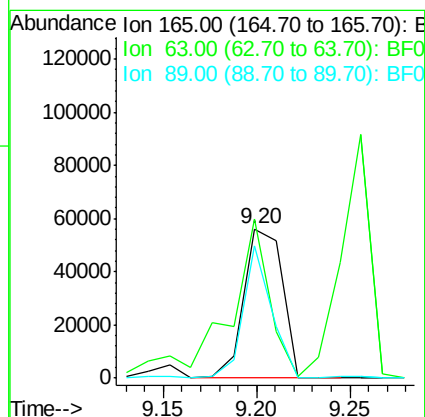
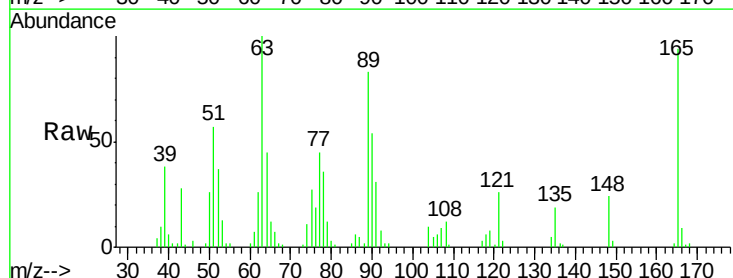
Manual Integrations
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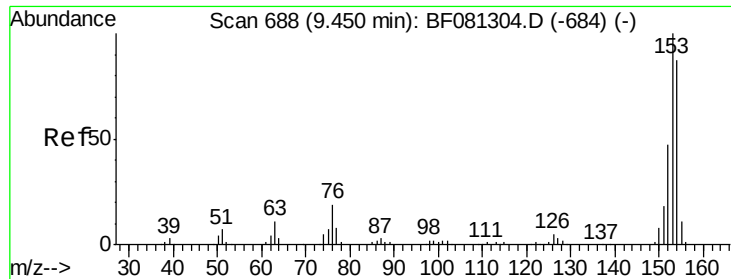
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#50
2,6-Dinitrotoluene
Concen: 37.62 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	106.9	32.3	48.5#
89	88.6	28.6	43.0#





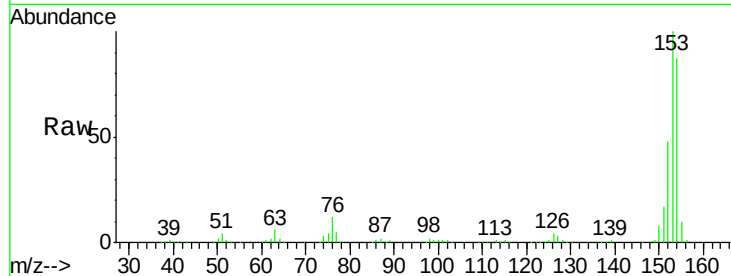
#51
Acenaphthene
Concen: 39.18 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

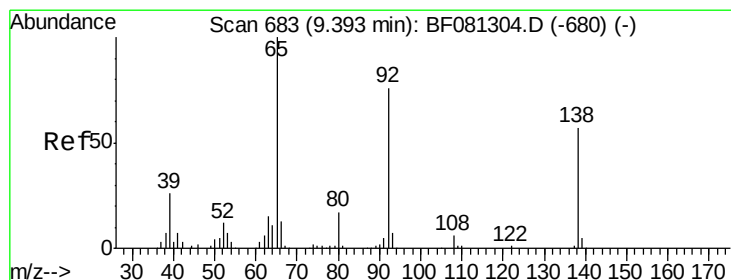
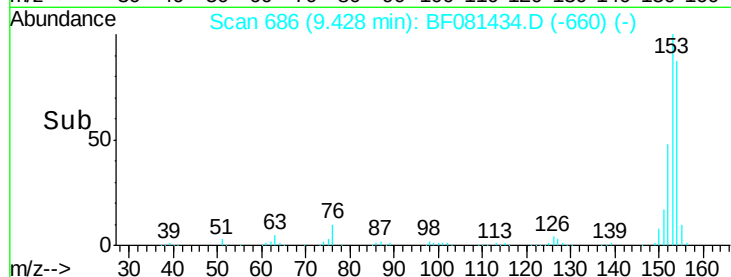
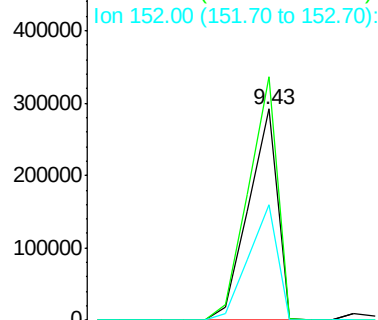
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	317439		
153	115.2	82.1	123.1	
152	54.9	37.9	56.9	

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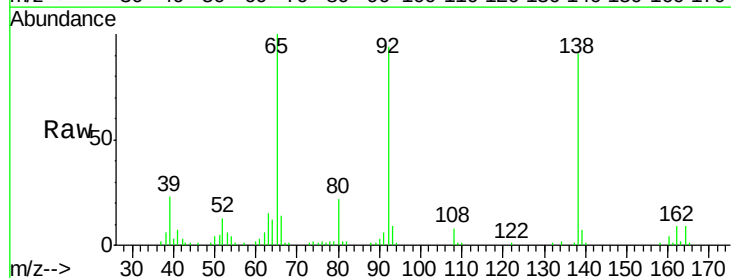


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

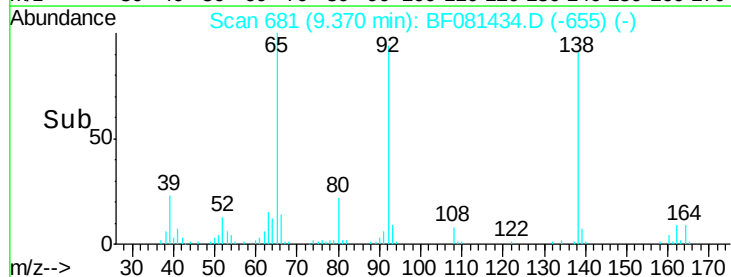
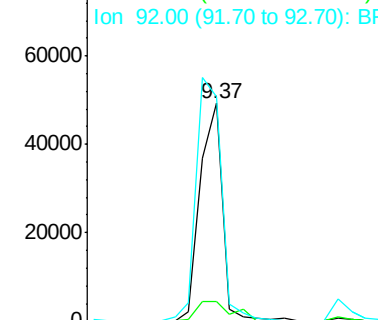


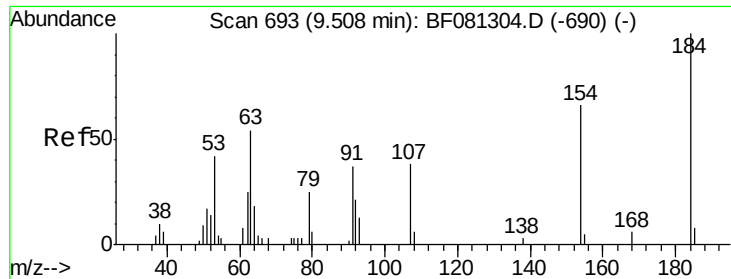
#52
3-Nitroaniline
Concen: 26.44 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	64129		
108	9.2	5.7	8.5#	
92	103.2	67.7	101.5#	



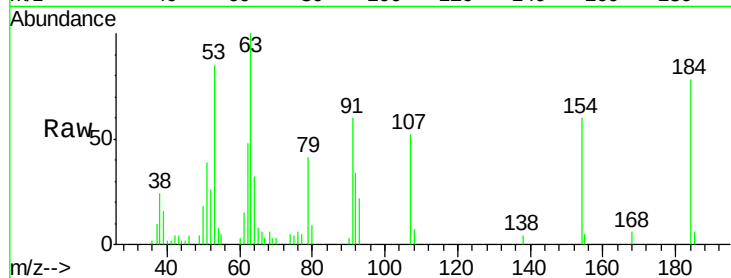
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 19.80 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

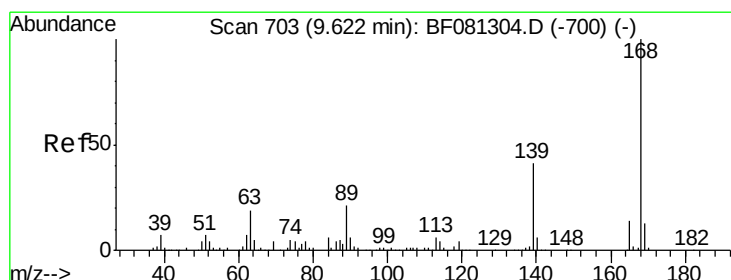
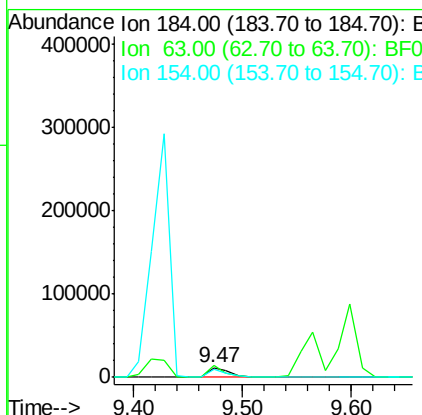
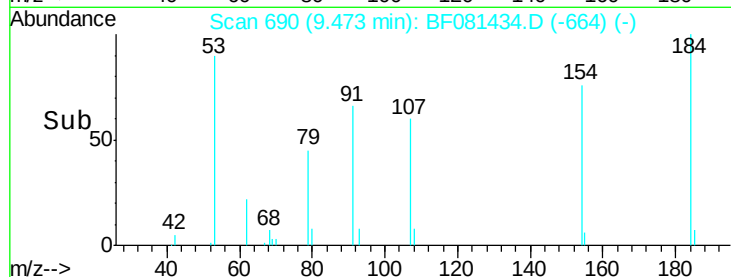
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD



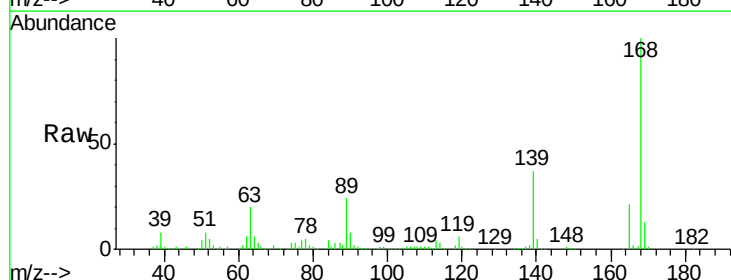
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	17774		
63	127.5	35.4	53.2#	
154	76.1	32.2	48.4#	

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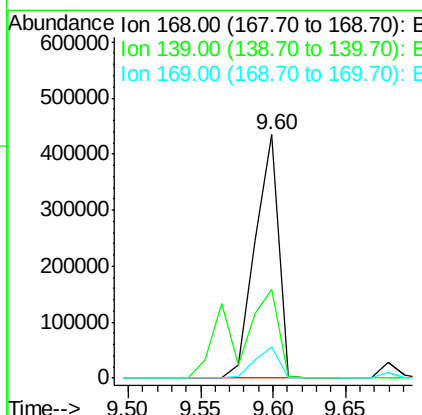
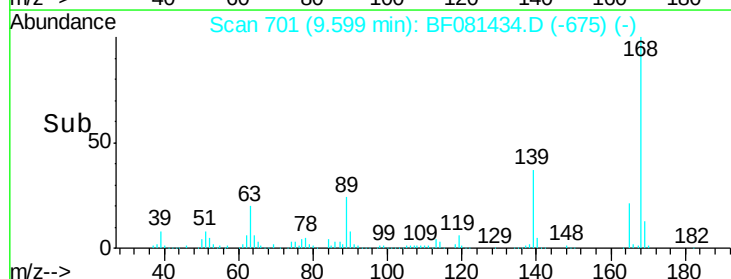
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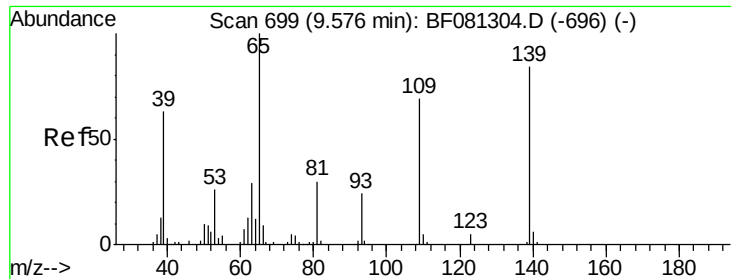


#54
 Dibenzofuran
 Concen: 41.03 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	485437		
139	36.7	24.2	36.2#	
169	13.0	10.6	15.8	





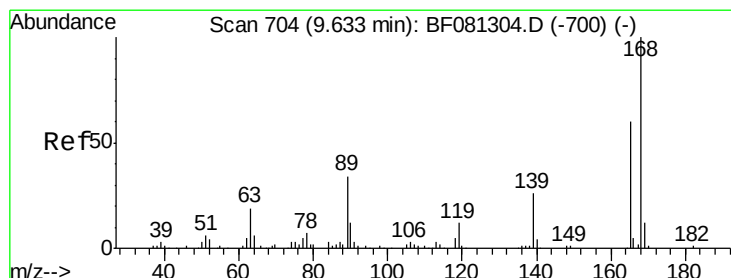
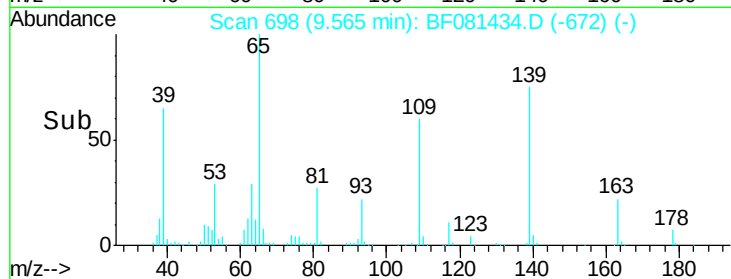
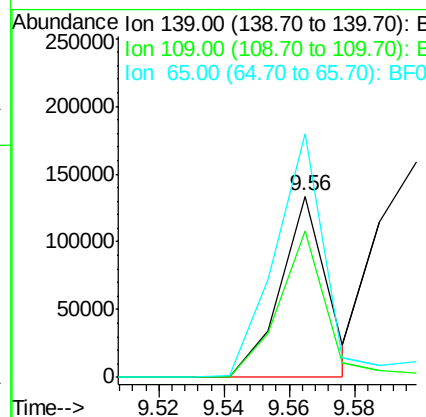
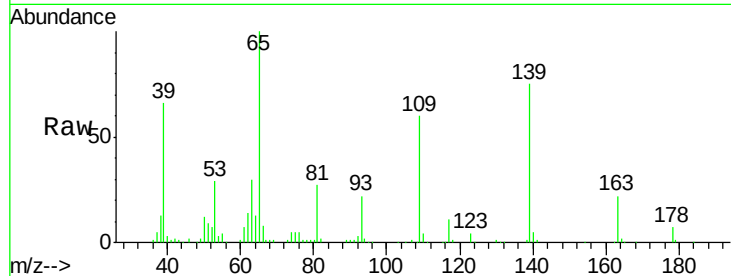
#55
4-Nitrophenol
Concen: 86.34 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131582		
109	80.4	12.7	52.7#	
65	134.2	45.9	85.9#	

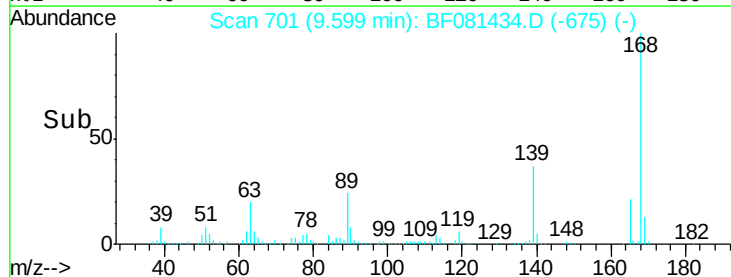
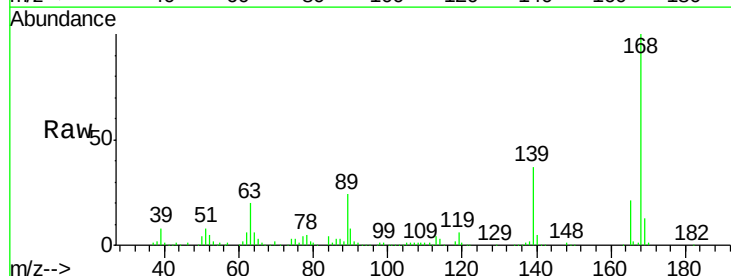
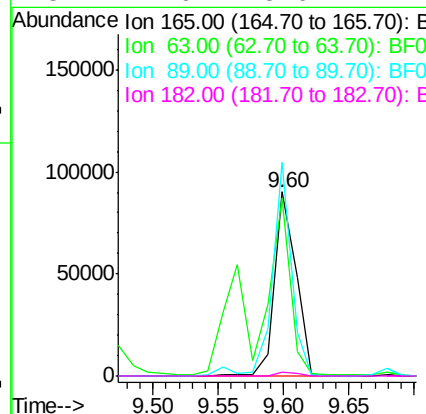
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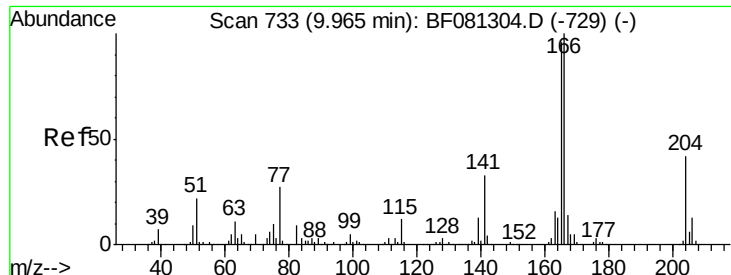
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#56
2,4-Dinitrotoluene
Concen: 38.41 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104207		
63	96.8	29.8	44.6#	
89	116.1	44.5	66.7#	
182	1.9	3.0	4.4#	





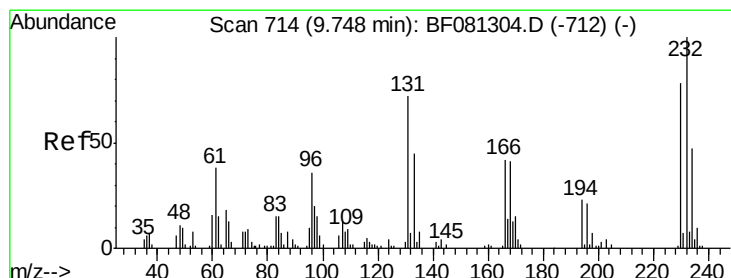
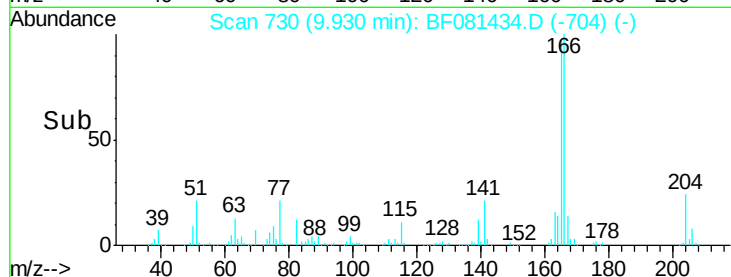
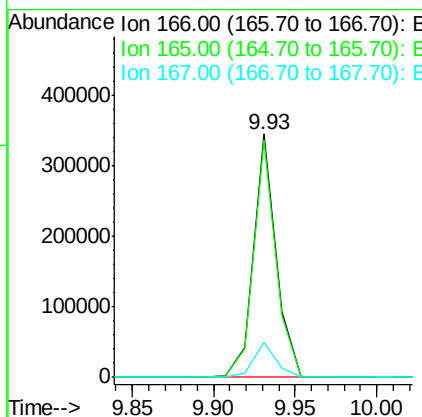
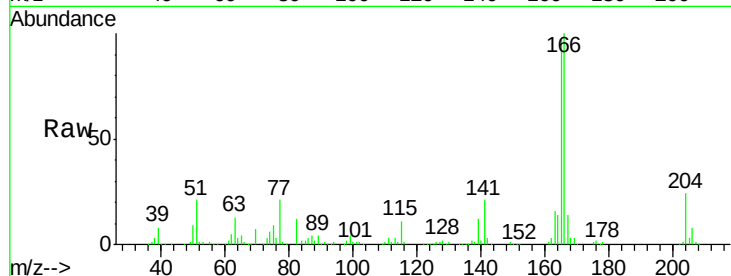
#57
 Fluorene
 Concen: 36.86 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	330974		
165	97.3	72.6	109.0	
167	14.1	10.6	16.0	

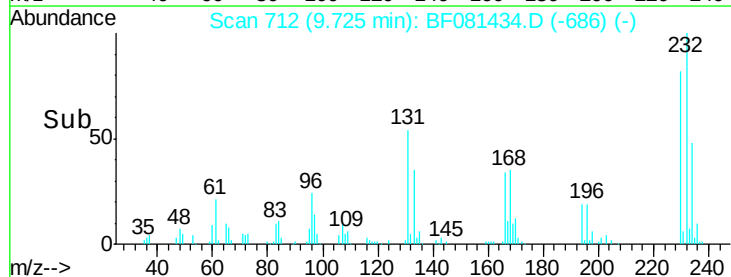
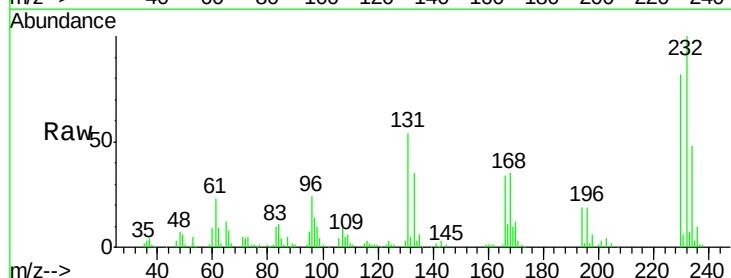
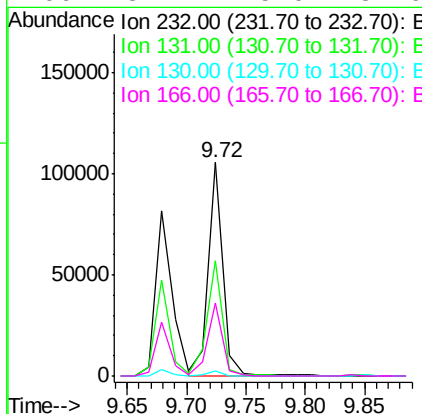
Manual Integrations
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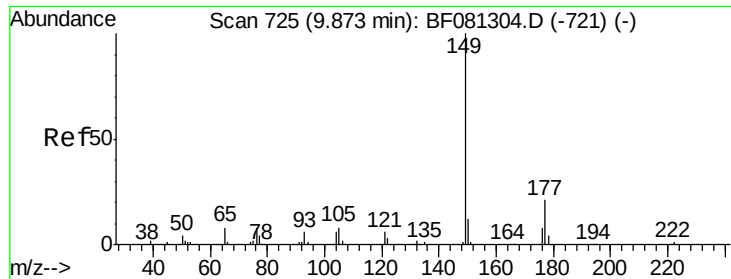
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.13 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	90652		
131	56.6	38.5	57.7	
130	2.5	1.8	2.6	
166	34.7	25.0	37.6	





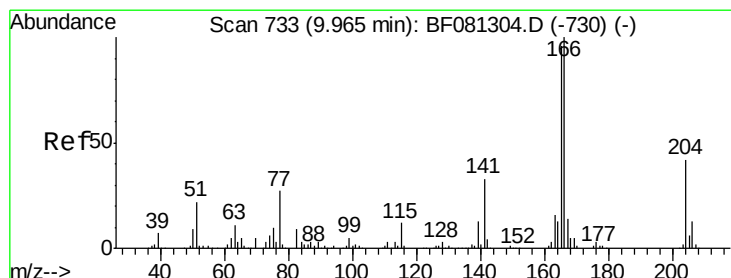
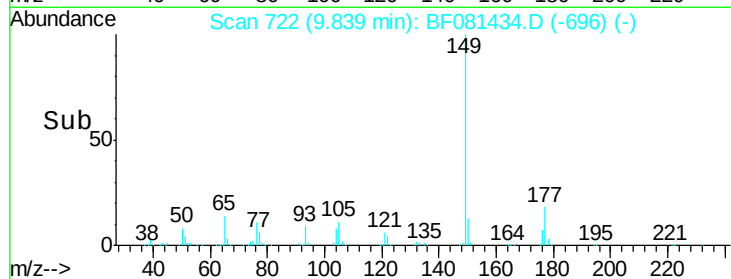
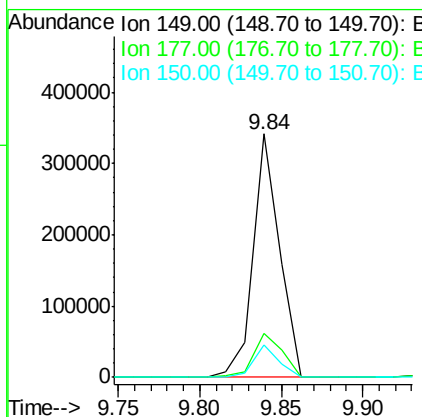
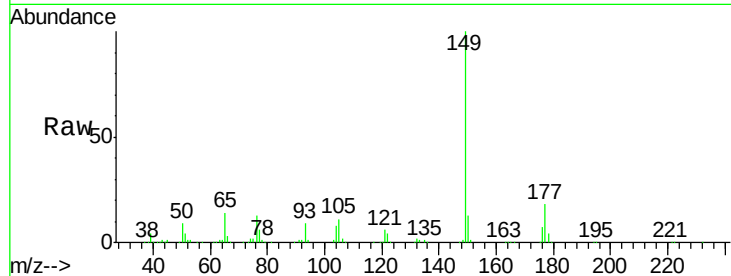
#59
Diethylphthalate
Concen: 38.71 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	382243		
177	17.9	17.5	26.3	
150	13.2	9.4	14.2	

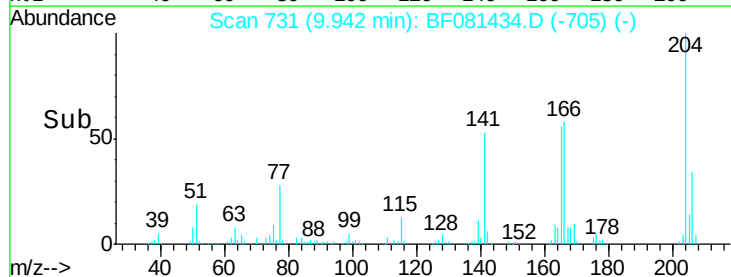
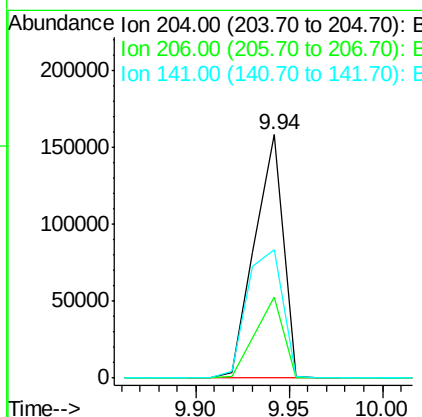
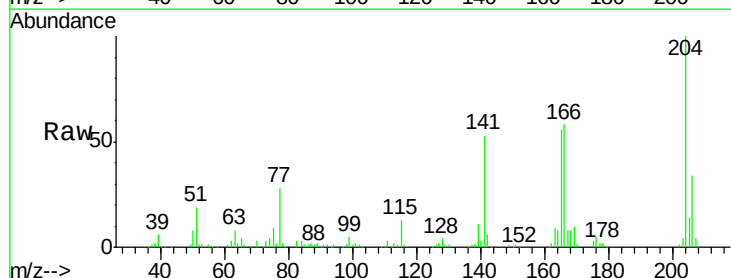
Manual Integrations
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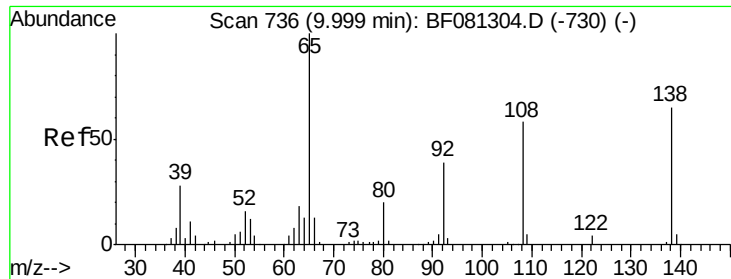
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 40.26 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	168460		
206	33.5	24.8	37.2	
141	52.8	42.2	63.4	





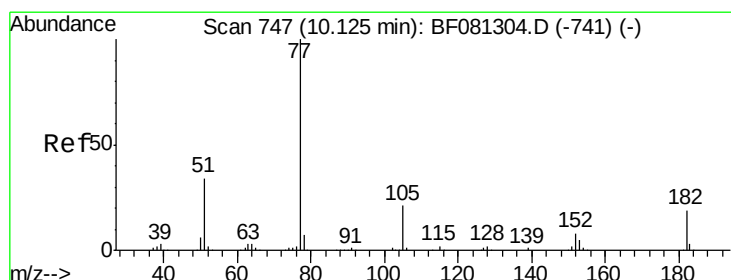
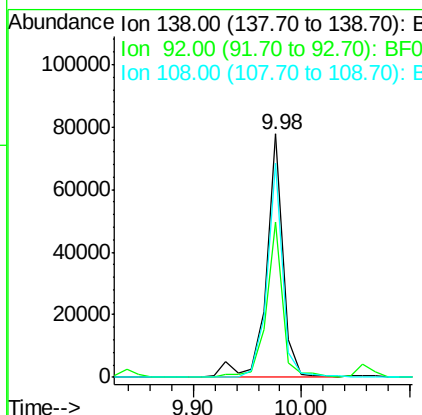
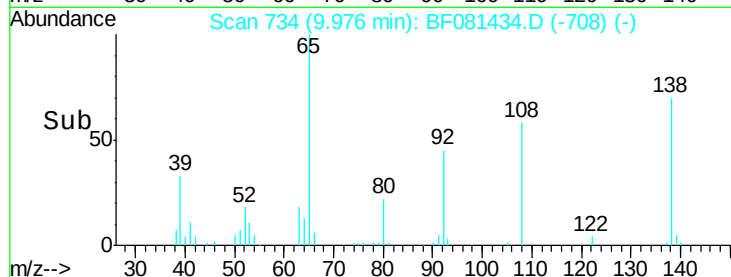
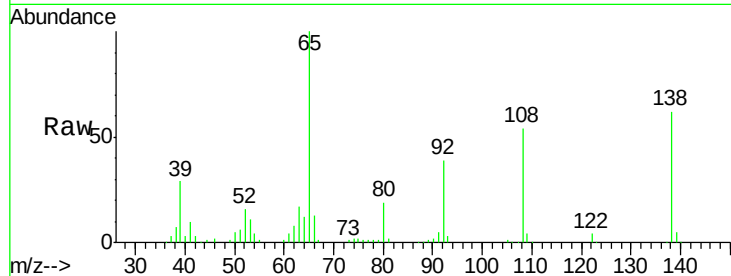
#61
4-Nitroaniline
Concen: 34.49 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	84527		
92	64.0	12.6	52.6#	
108	87.8	12.4	52.4#	

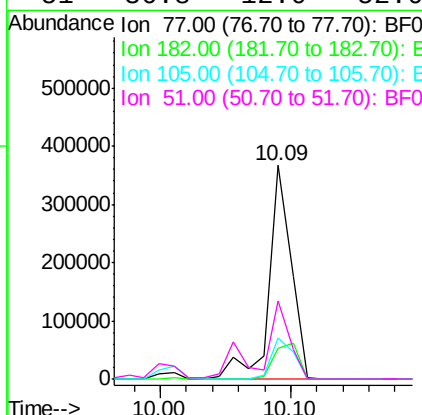
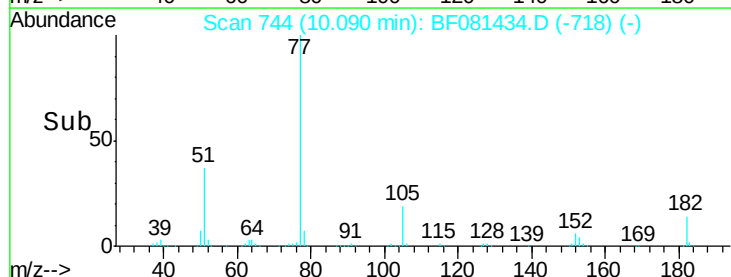
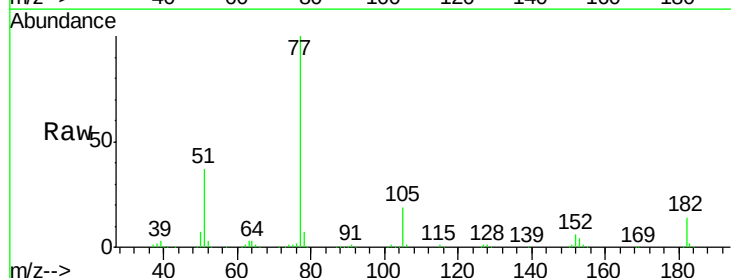
Manual Integrations
APPROVED

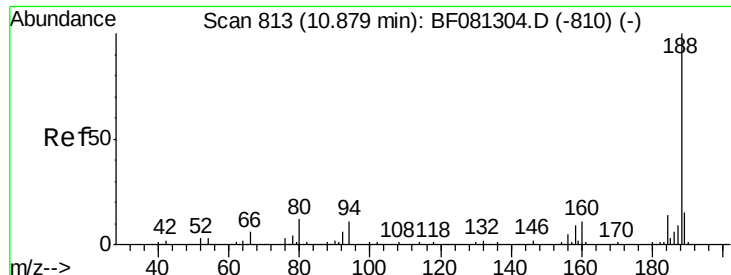
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#62
Azobenzene
Concen: 40.23 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	441749		
182	14.4	15.1	55.1#	
105	19.0	3.4	43.4	
51	36.8	12.0	52.0	





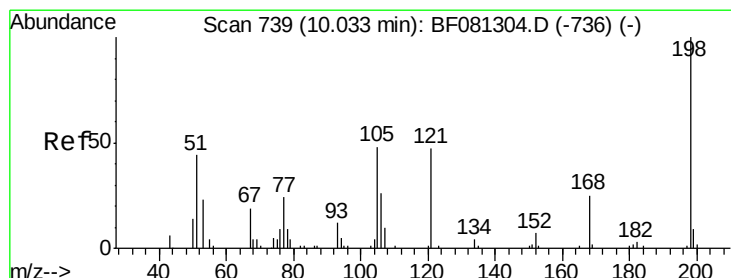
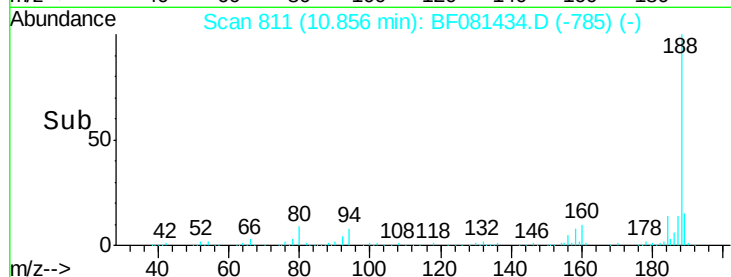
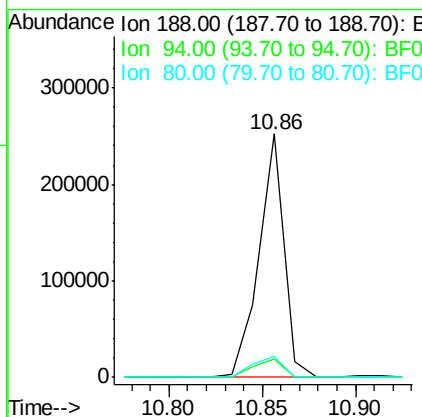
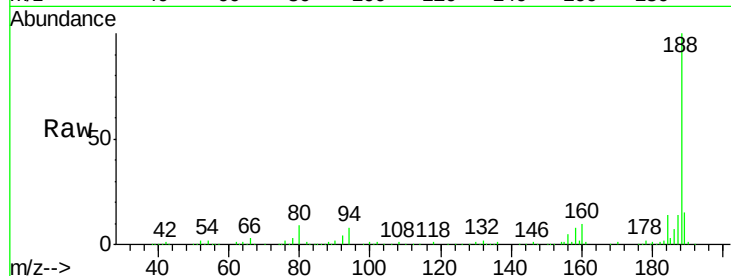
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	11.1	16.7#
80	8.7	11.0	16.4#

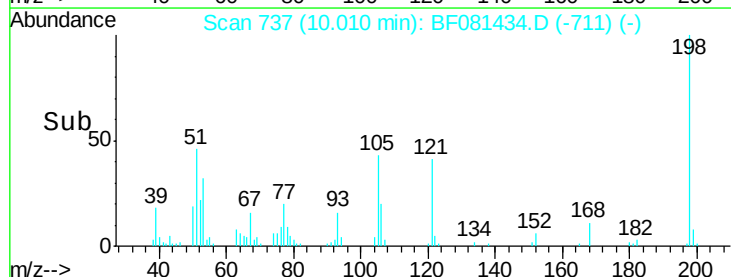
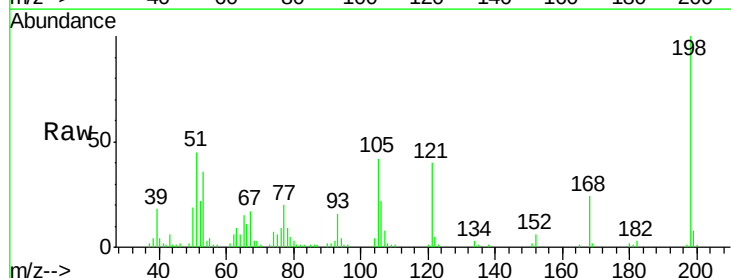
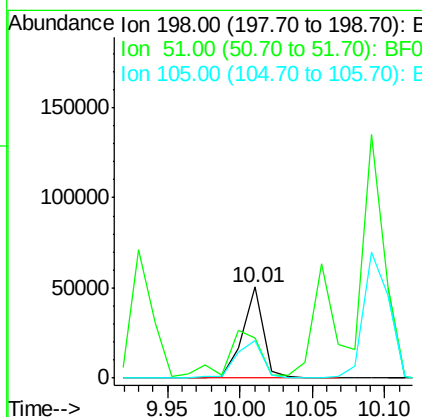
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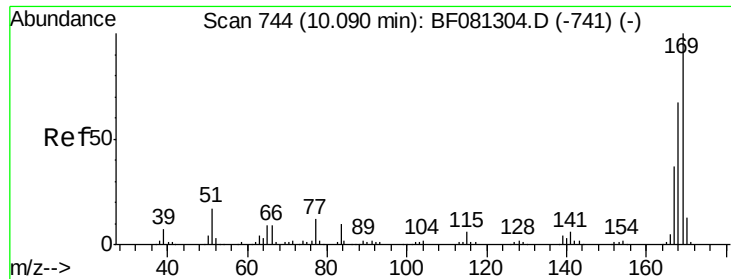
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.50 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.7	39.6	79.6
105	41.8	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 36.17 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF081434.D

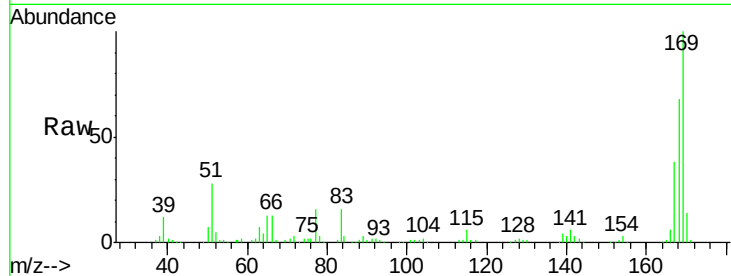
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

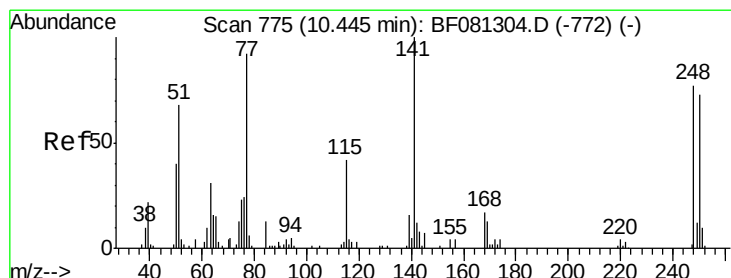
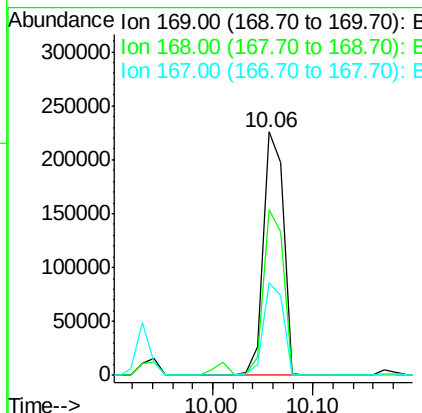
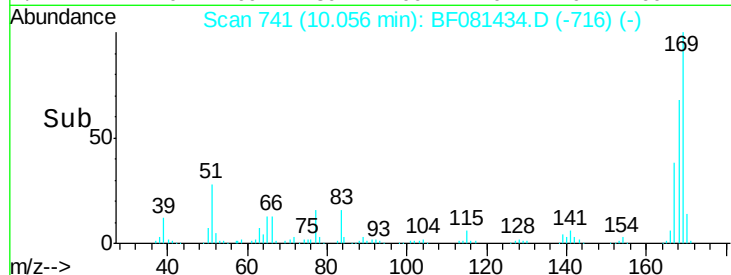
SB-11(5-7)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	313264		
168	67.9	48.9	73.3	
167	38.2	26.2	39.4	

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#66

4-Bromophenyl-phenylether

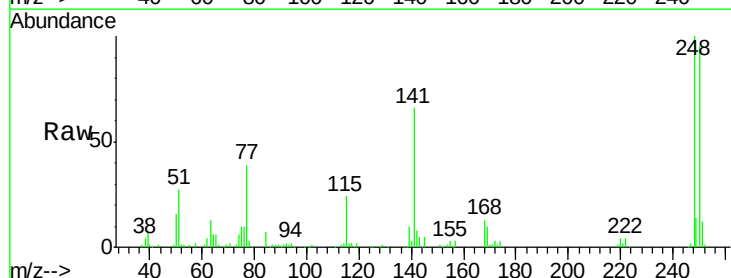
Concen: 40.38 ng

RT: 10.42 min Scan# 773

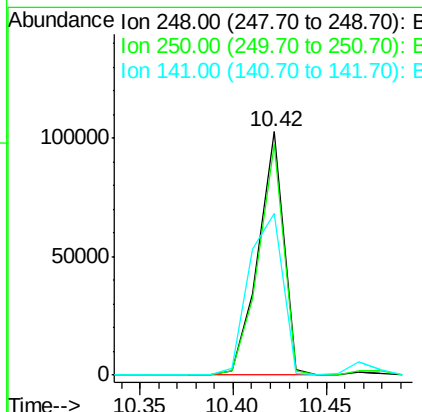
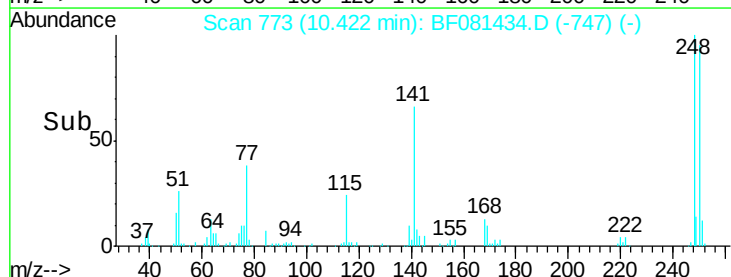
Delta R.T. 0.00 min

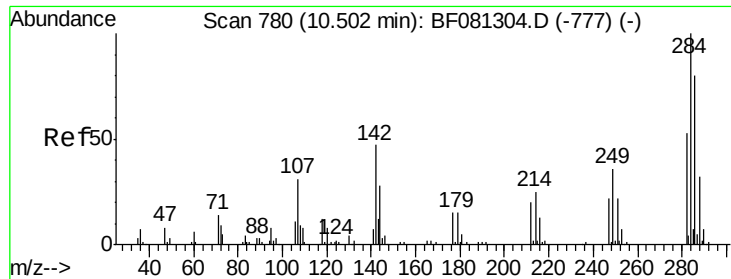
Lab File: BF081434.D

Acq: 4 Sep 2015 22:57



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	97175		
250	94.6	78.5	117.7	
141	66.4	59.0	88.6	





#67

Hexachlorobenzene

Concen: 37.53 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081434.D

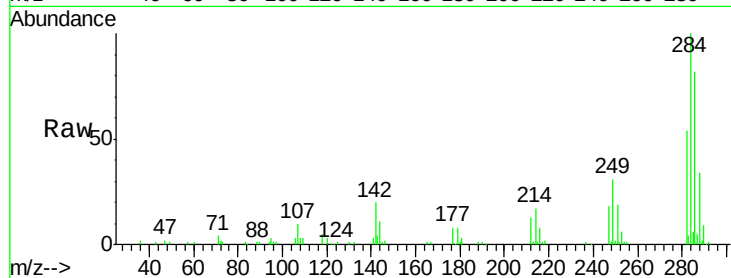
Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

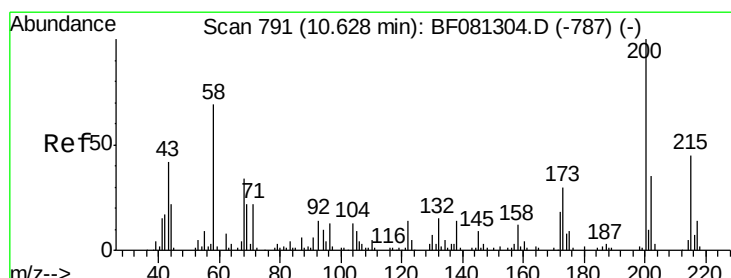
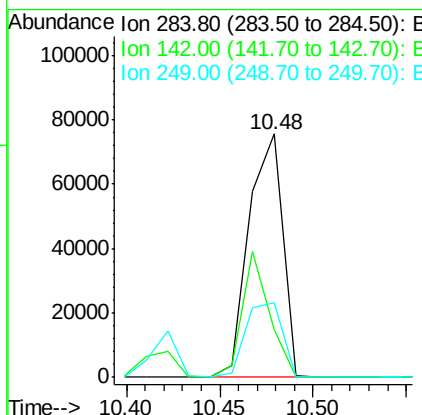
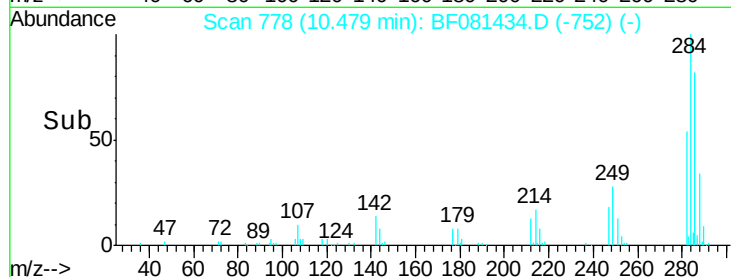
SB-11(5-7)MSD



Tgt Ion:	284	Resp:	94430
Ion Ratio	Lower	Upper	
284	100		
142	19.7	29.5	44.3#
249	30.9	19.5	29.3#

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#68

Atrazine

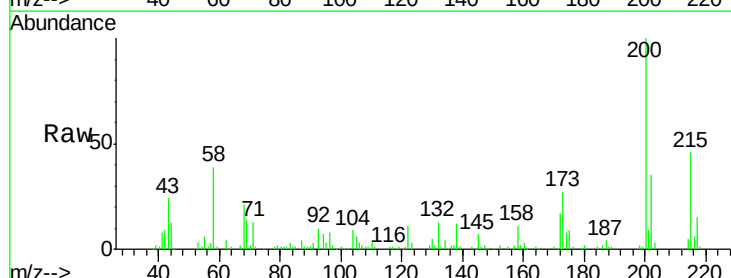
Concen: 45.78 ng

RT: 10.60 min Scan# 789

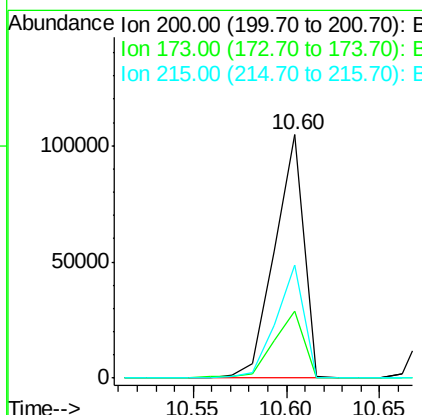
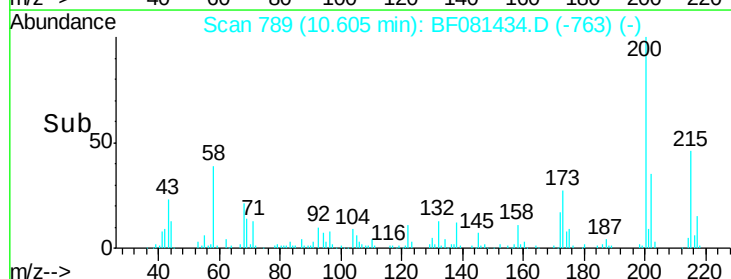
Delta R.T. 0.00 min

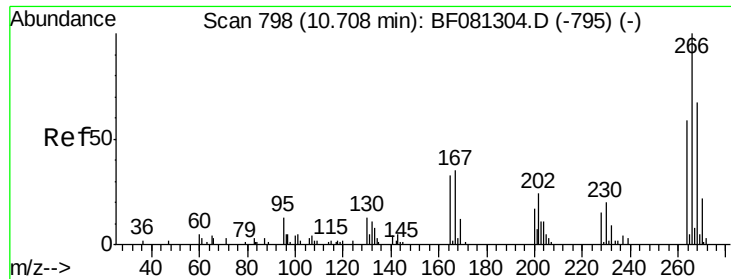
Lab File: BF081434.D

Acq: 4 Sep 2015 22:57



Tgt Ion:	200	Resp:	114740
Ion Ratio	Lower	Upper	
200	100		
173	27.5	13.2	53.2
215	46.5	41.8	81.8





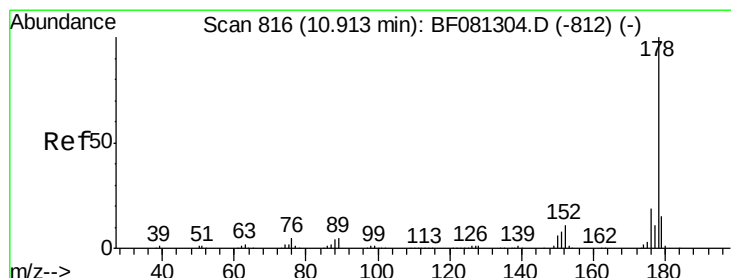
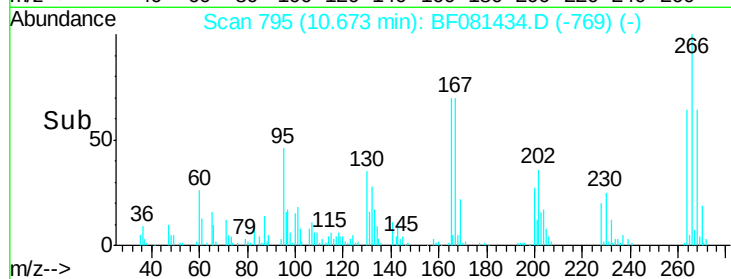
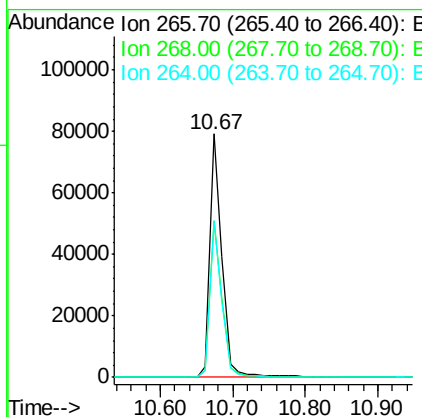
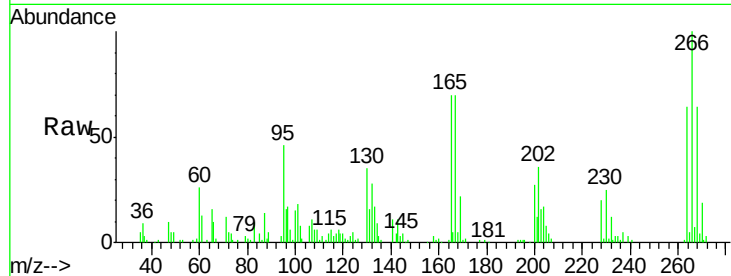
#69
 Pentachlorophenol
 Concen: 75.20 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	91400		
268	64.3	49.8	74.6	
264	64.4	50.2	75.2	

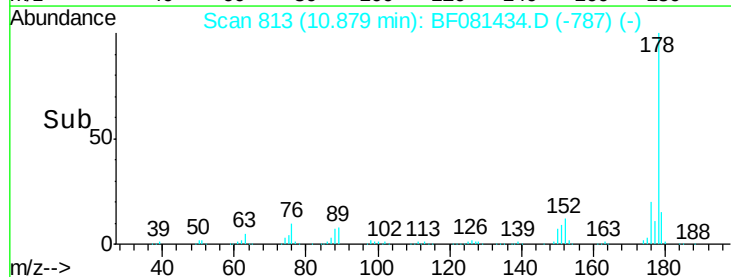
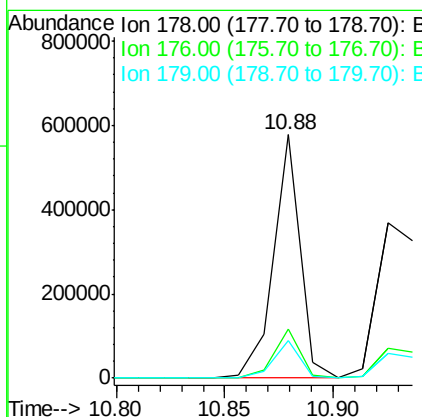
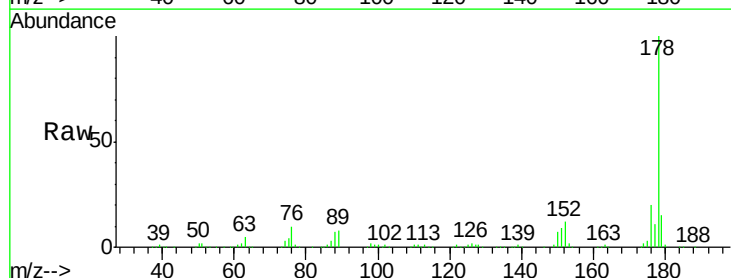
Manual Integrations
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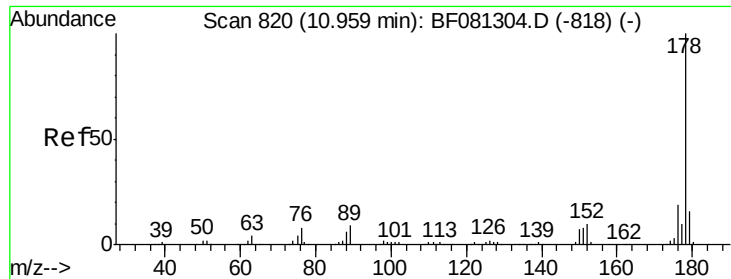
MMDadoda
 9/8/2015 1:57:14 PM



#70
 Phenanthrene
 Concen: 37.77 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

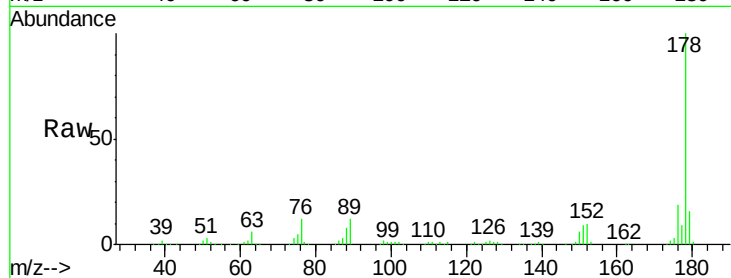
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	499802		
176	20.2	13.8	20.8	
179	15.4	12.2	18.2	





#71
 Anthracene
 Concen: 36.51 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

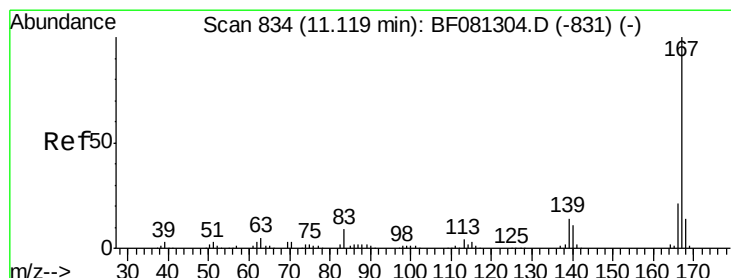
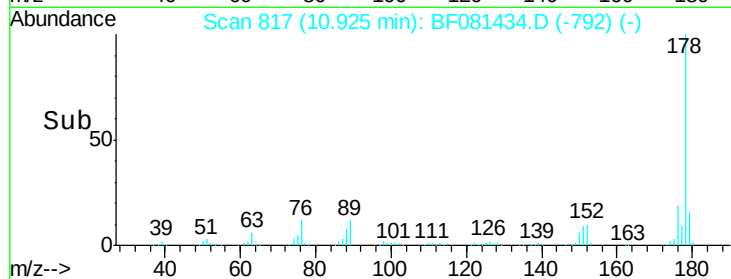
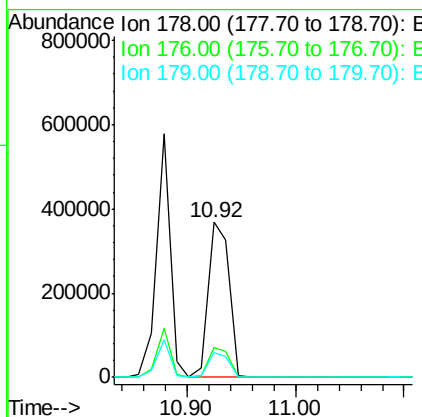
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
178	100	496315		
176	18.9	14.1	21.1	
179	15.8	12.2	18.2	

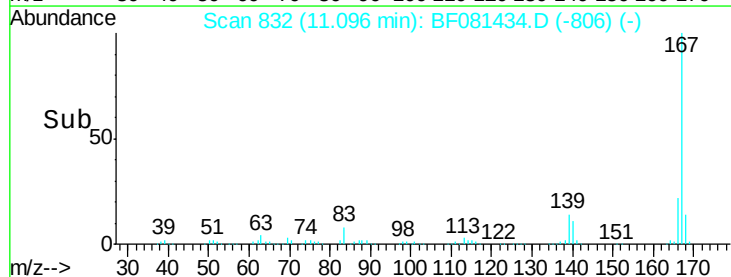
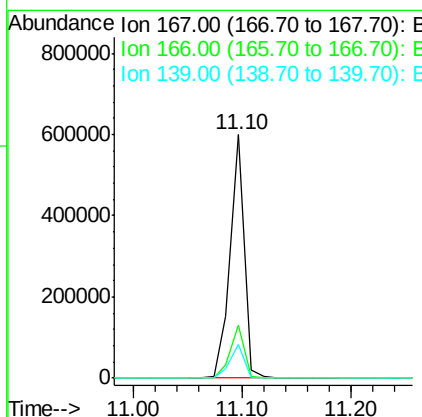
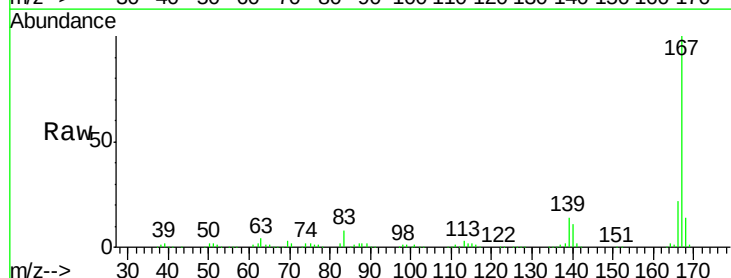
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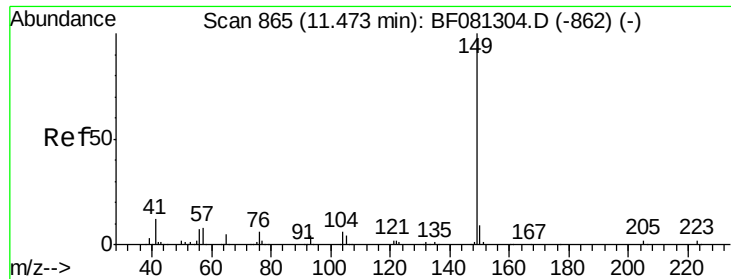
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#72
 Carbazole
 Concen: 42.34 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	540062		
166	21.8	15.7	23.5	
139	13.8	9.5	14.3	





#73

Di-n-butylphthalate

Concen: 42.70 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

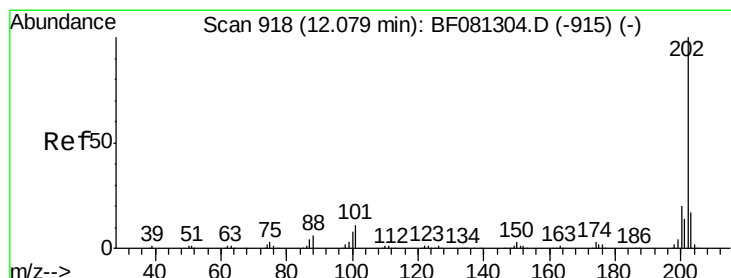
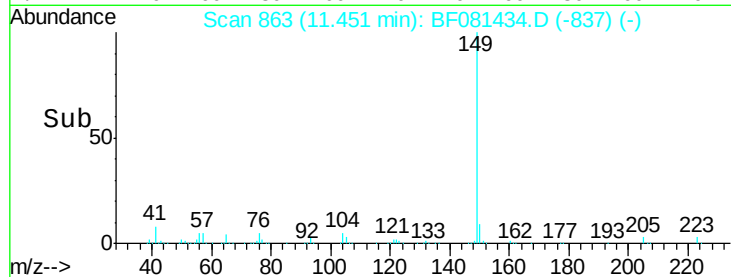
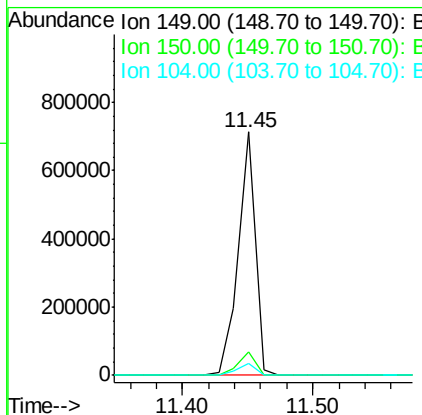
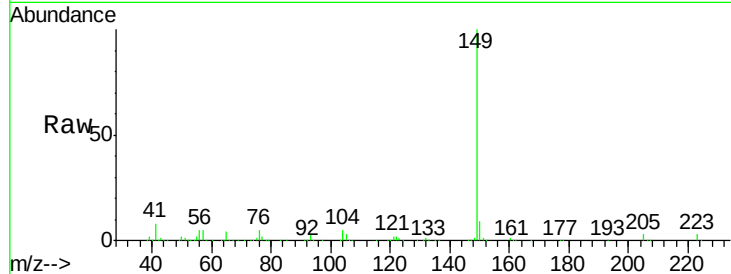
ClientSampleId :

SB-11(5-7)MSD

Tgt Ion:	149	Resp:	643272
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.0	2.4	3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 37.28 ng

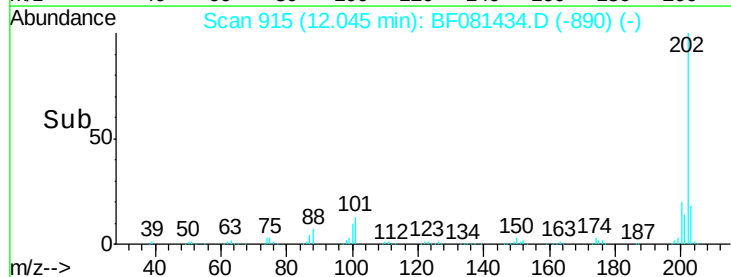
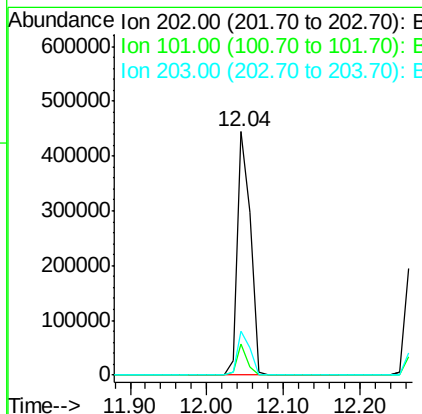
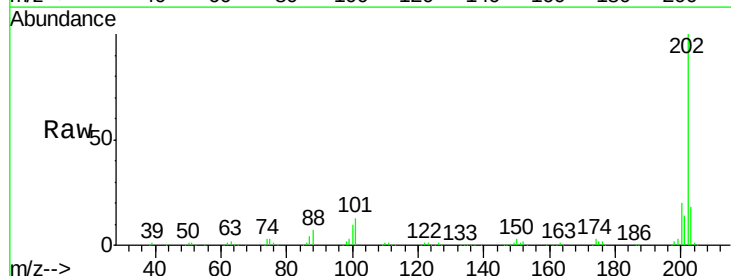
RT: 12.04 min Scan# 915

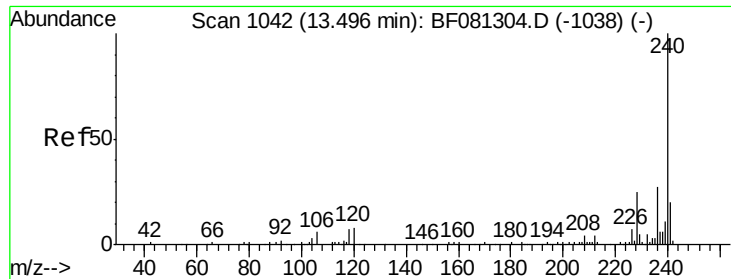
Delta R.T. -0.01 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Tgt Ion:	202	Resp:	534006
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	38.3
203	17.9	0.0	37.3





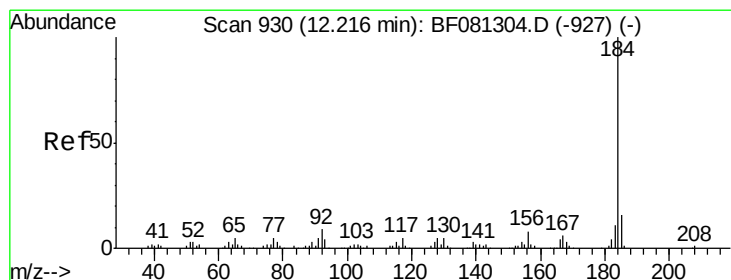
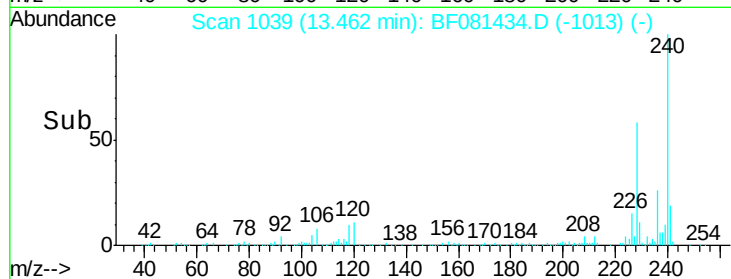
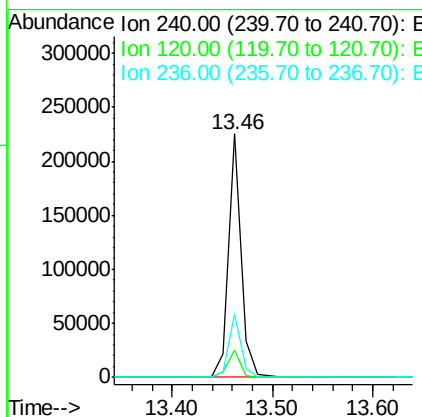
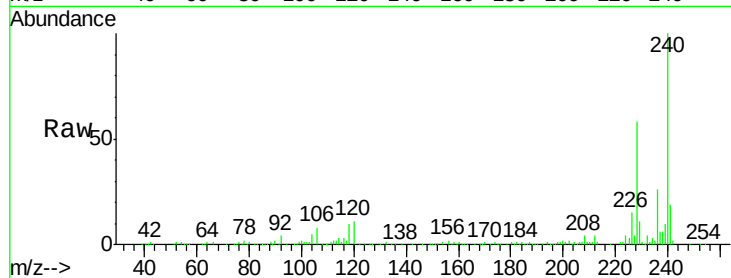
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	196107		
120	11.3	16.2	24.2#	
236	26.0	18.4	27.6	

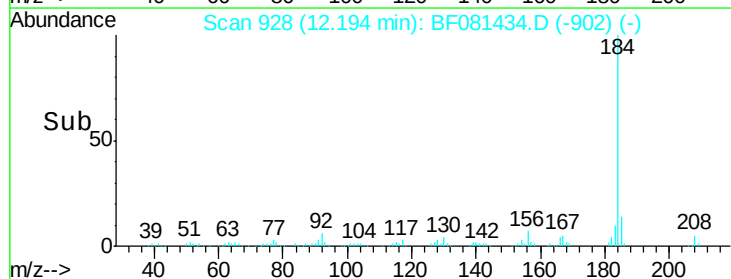
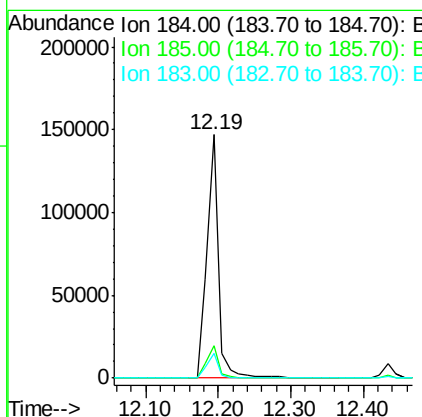
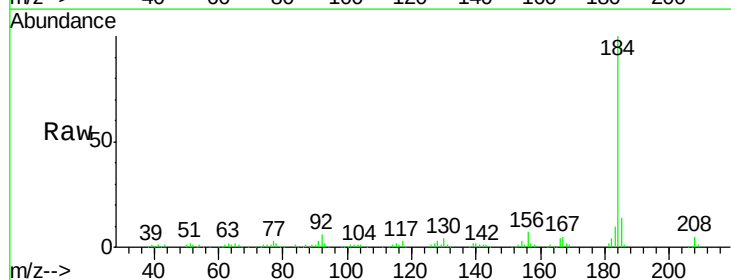
Manual Integrations
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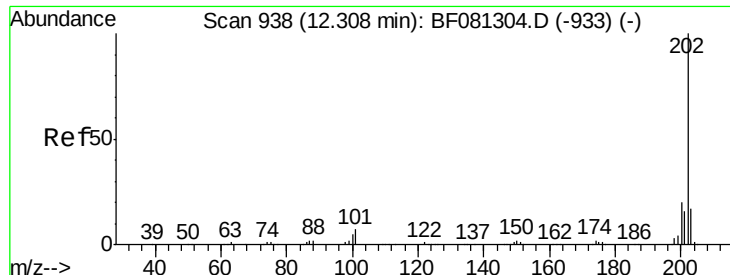
MMDadoda
 9/8/2015 1:57:14 PM



#76
 Benzidine
 Concen: 19.30 ng
 RT: 12.19 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	162515		
185	13.6	11.8	17.6	
183	10.4	7.6	11.4	





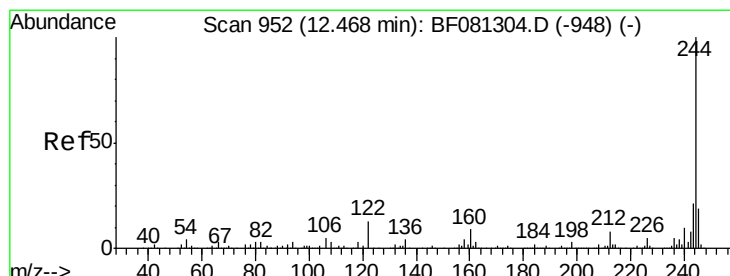
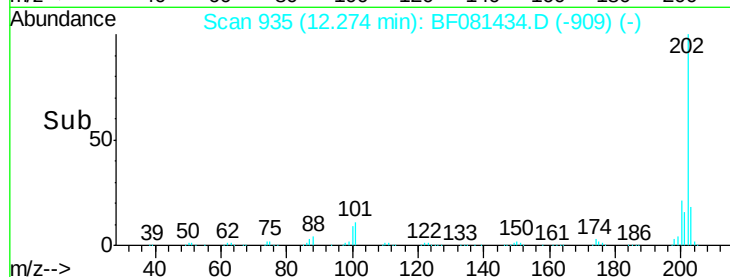
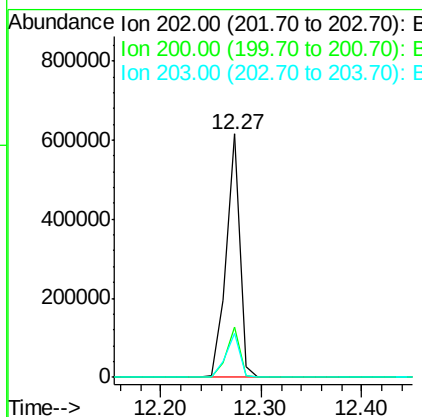
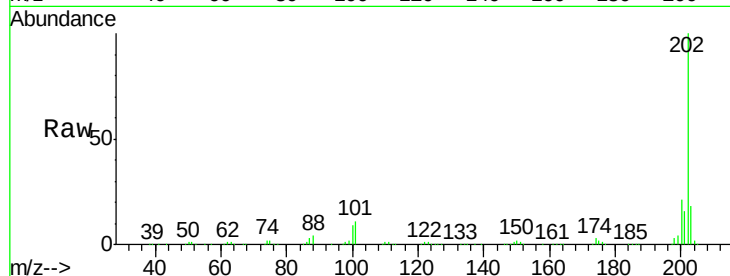
#77
 Pyrene
 Concen: 39.99 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	15.0	22.4
203	18.0	14.1	21.1

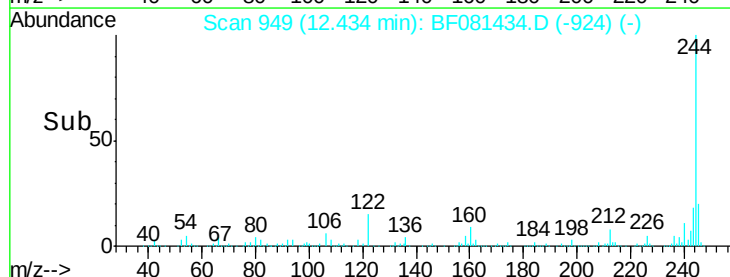
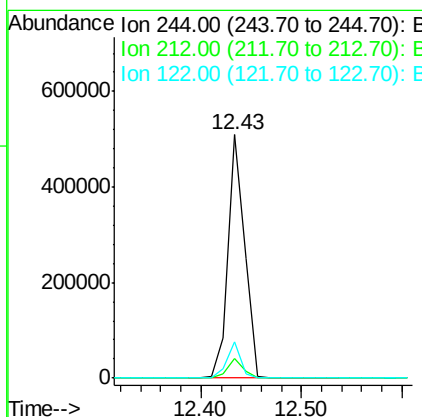
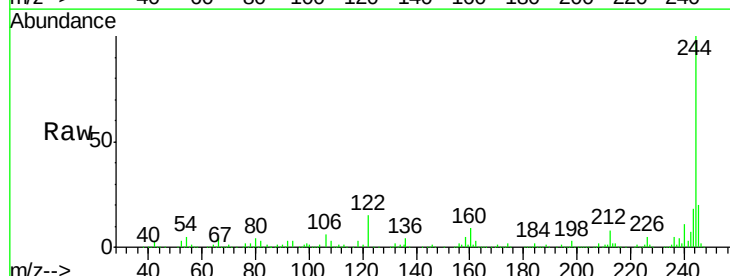
Manual Integrations
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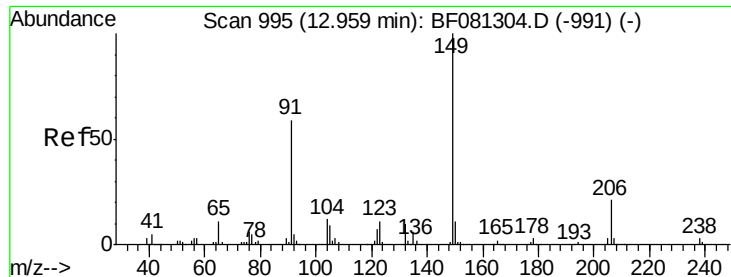
MMDadoda
 9/8/2015 1:57:14 PM



#78
 Terphenyl-d14
 Concen: 69.33 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	4.3	6.5#
122	14.9	17.4	26.2#





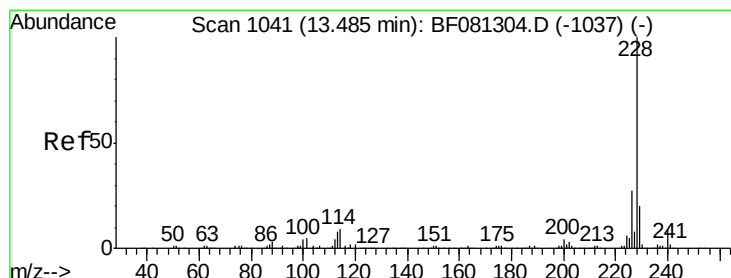
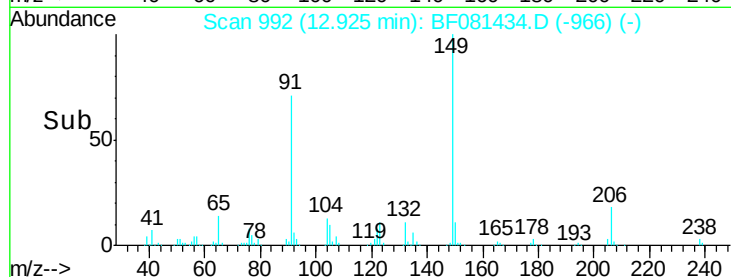
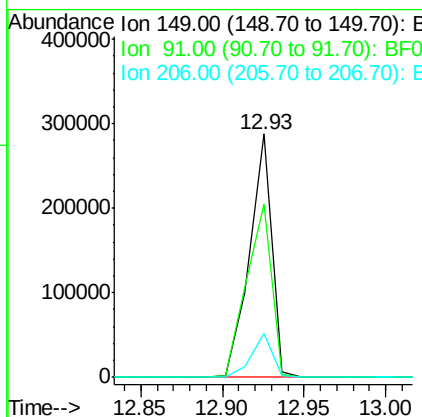
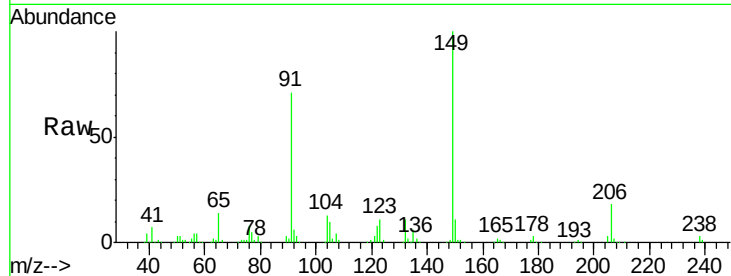
#79
Butylbenzylphthalate
Concen: 43.22 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	273053		
91	71.4	48.6	72.8	
206	18.0	14.9	22.3	

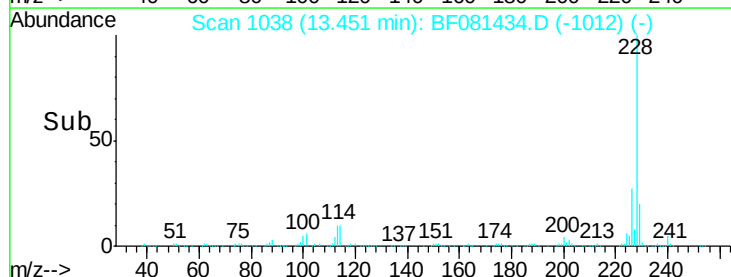
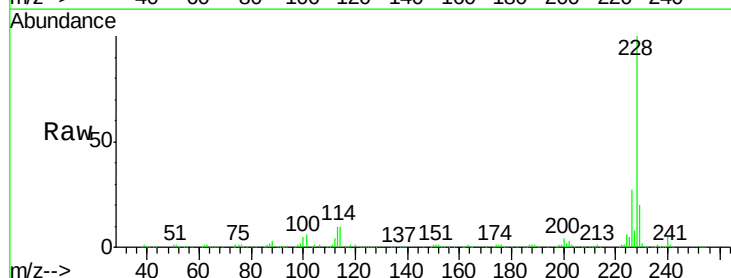
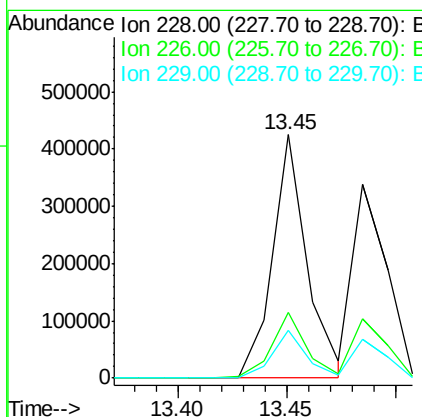
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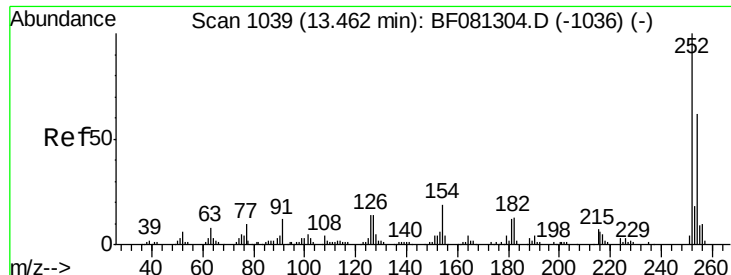
MMDadoda
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#80
Benzo(a)anthracene
Concen: 37.84 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	472586		
226	27.0	20.0	30.0	
229	19.7	15.4	23.2	





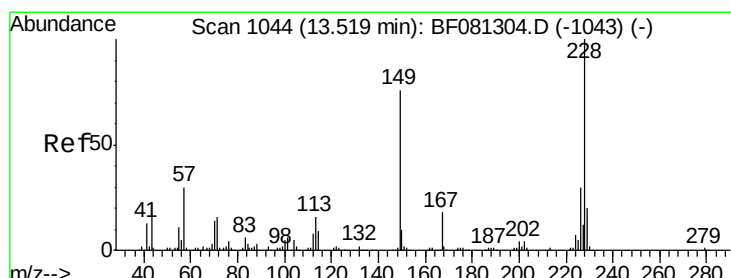
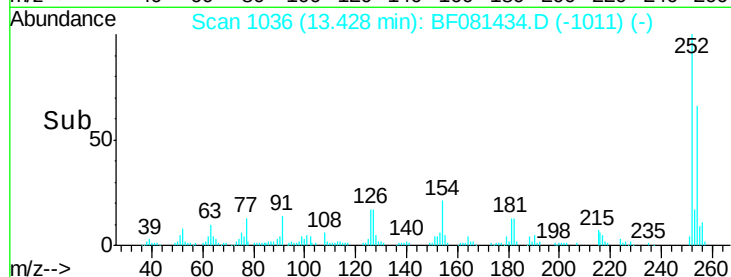
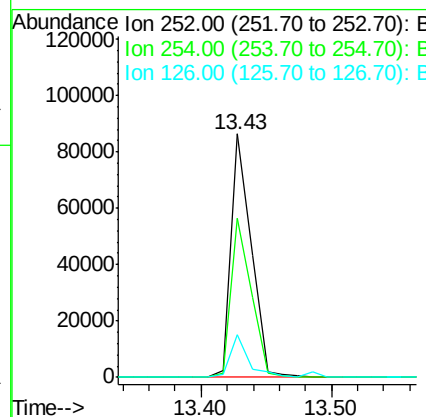
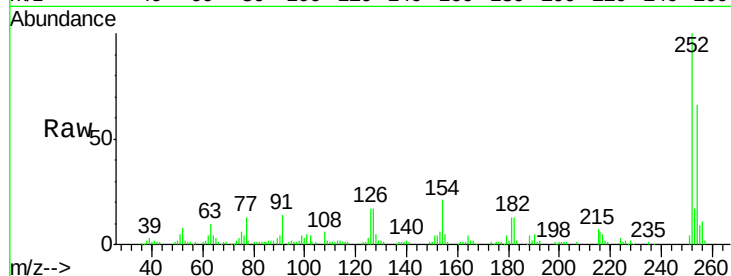
#81
 3,3'-Dichlorobenzidine
 Concen: 22.12 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion:	252	Resp:	93182
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.4	77.2
126	17.4	16.4	24.6

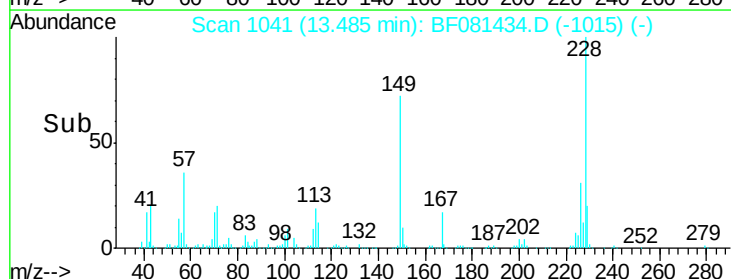
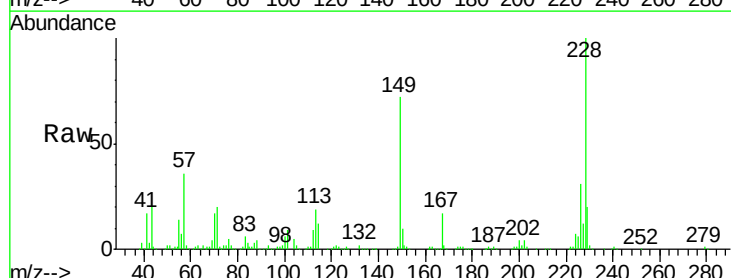
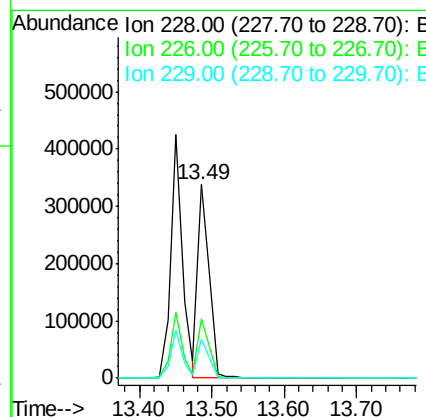
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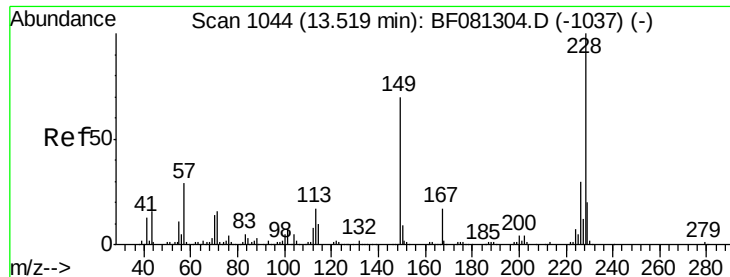
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#82
 Chrysene
 Concen: 33.49 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion:	228	Resp:	374885
Ion Ratio	Lower	Upper	
228	100		
226	30.7	21.0	31.4
229	19.9	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.13 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081434.D

Acq: 4 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)MSD

Tgt Ion:149 Resp: 334616
Ion Ratio Lower Upper

149 100

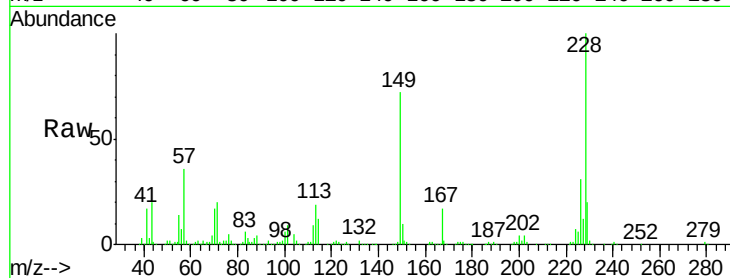
167 23.9 24.2 36.2#

279 1.3 3.8 5.6#

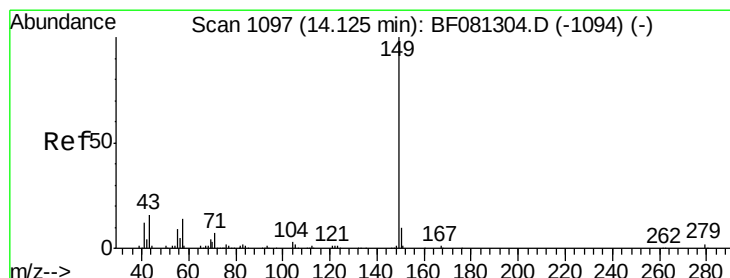
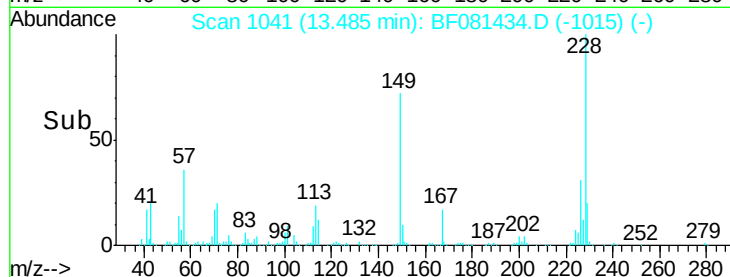
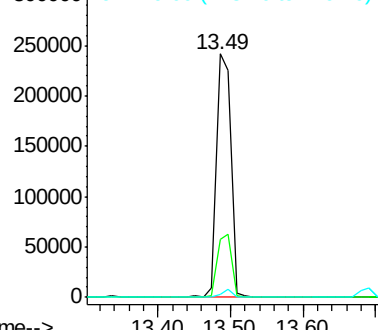
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.14 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF081434.D

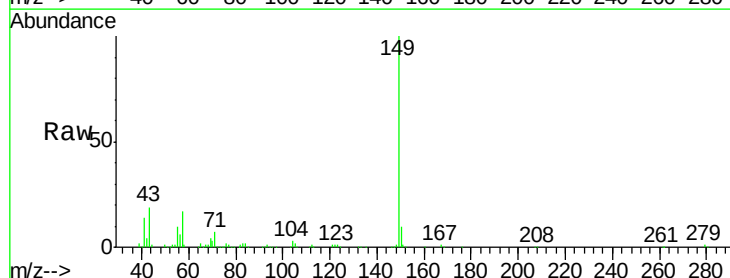
Acq: 4 Sep 2015 22:57

Tgt Ion:149 Resp: 523609
Ion Ratio Lower Upper

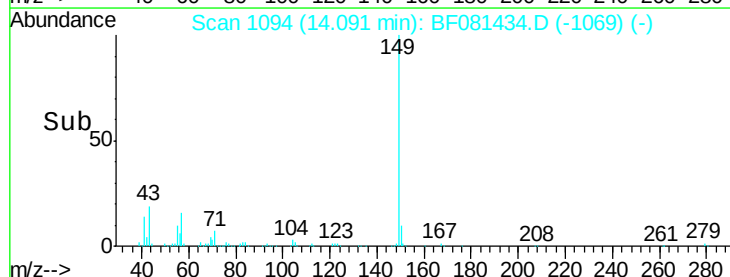
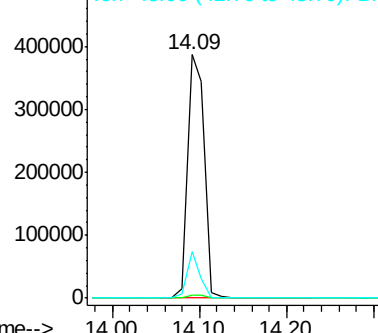
149 100

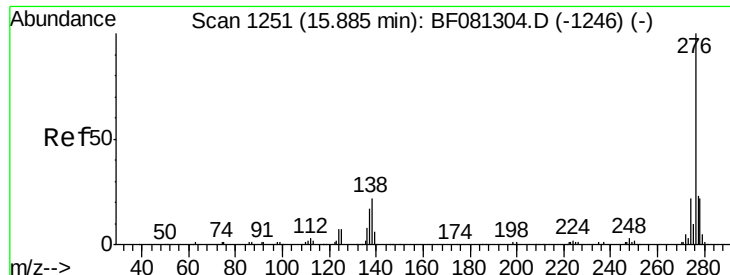
167 1.4 1.0 1.6

43 14.3 10.2 15.2



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





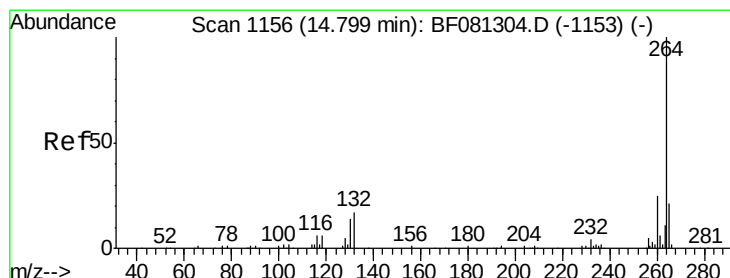
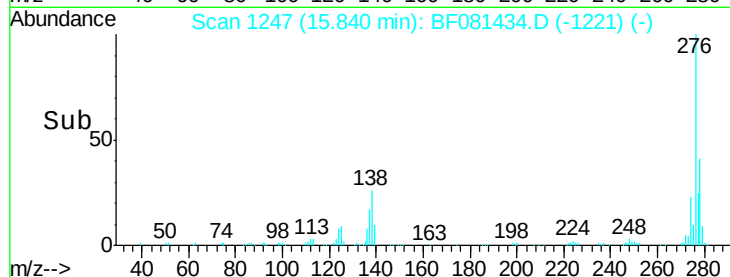
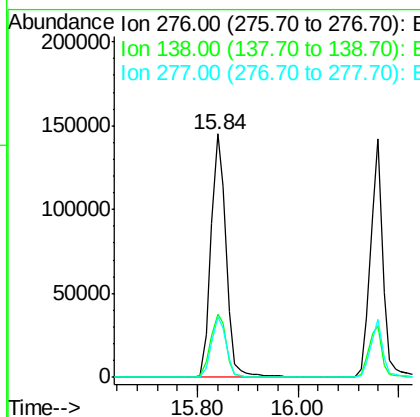
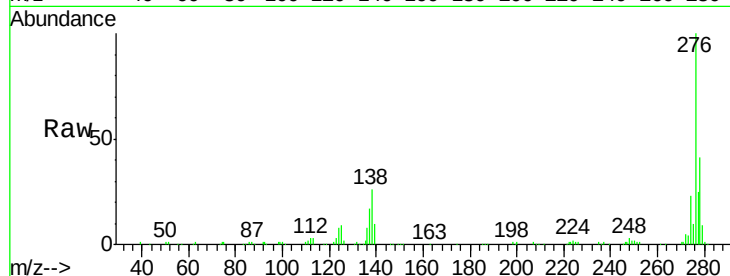
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.87 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	302824		
138	26.8	25.7	38.5	
277	24.3	15.6	23.4	

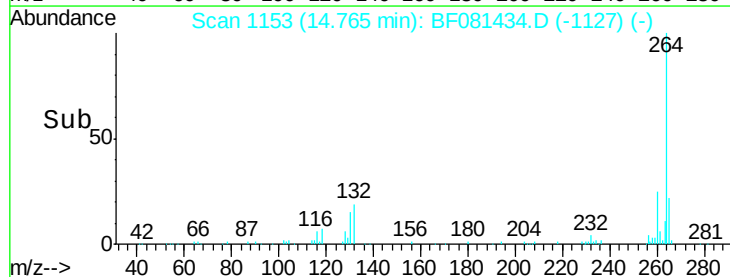
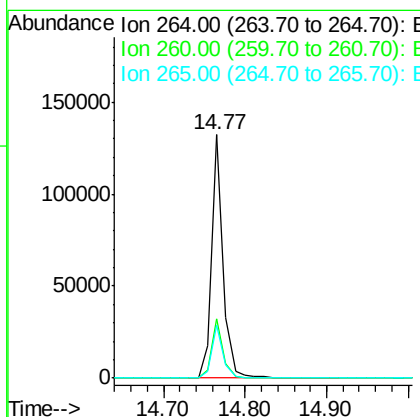
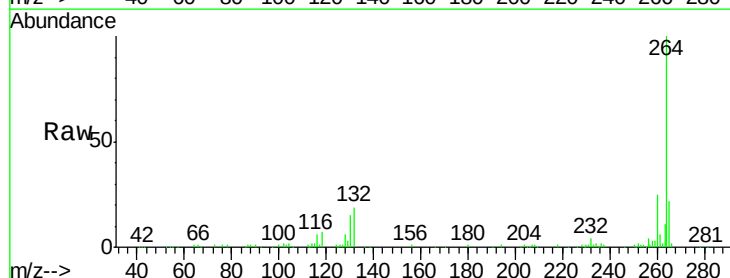
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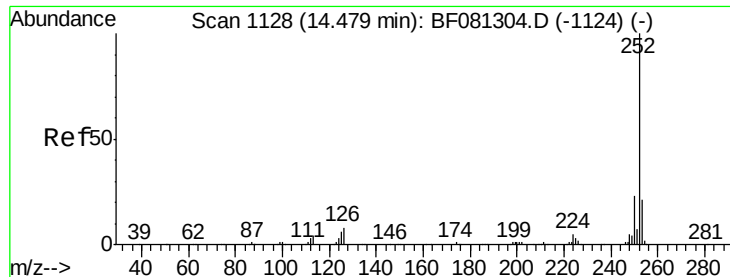
MMDadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	131731		
260	24.5	16.7	25.1	
265	22.0	17.2	25.8	





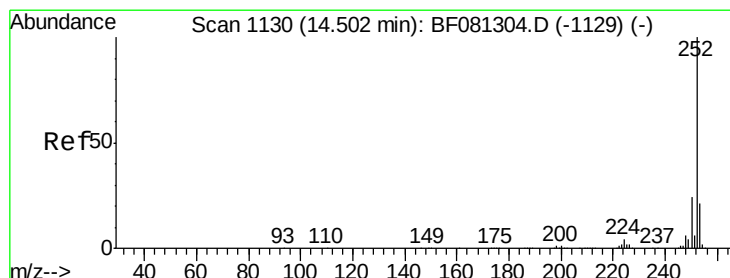
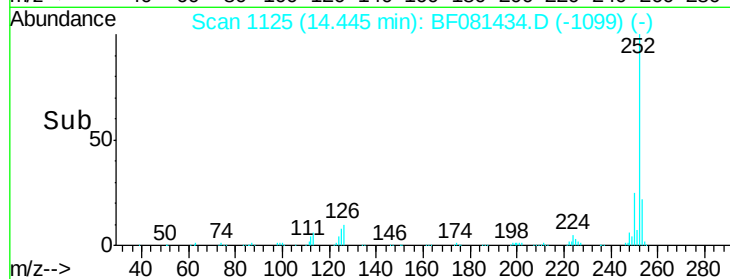
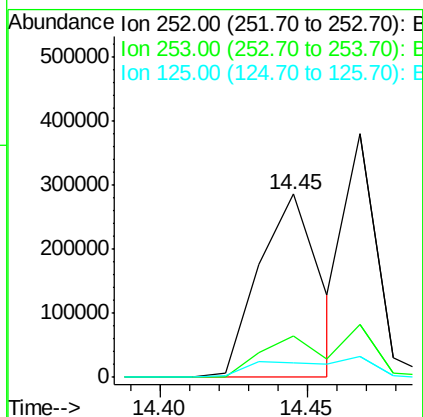
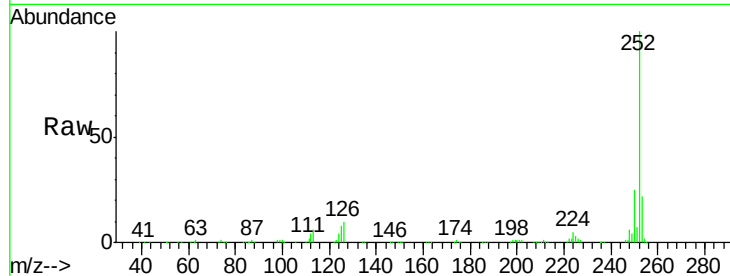
#87
Benzo(b)fluoranthene
Concen: 43.70 ng m
RT: 14.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	7.7	17.1	25.7#

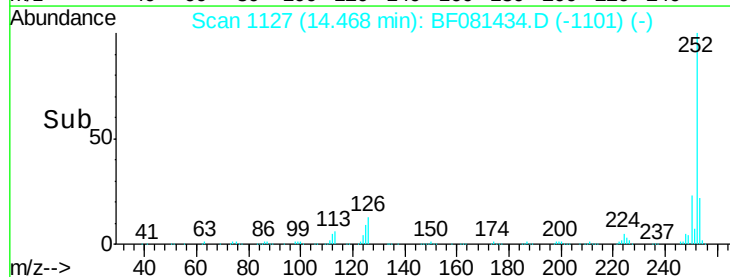
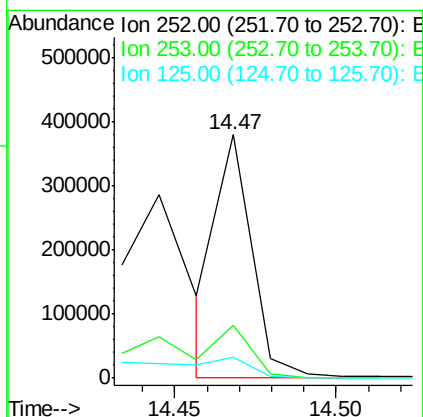
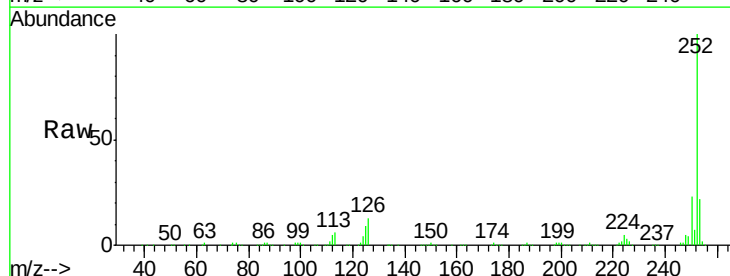
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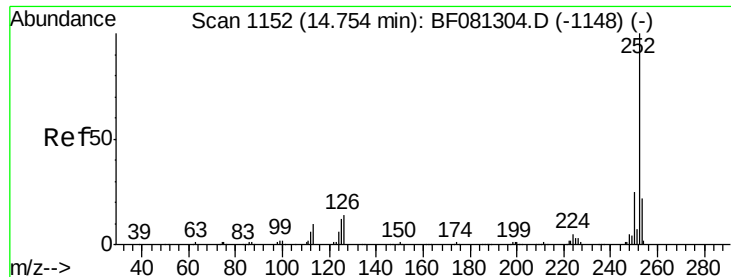
MMDadoda
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#88
Benzo(k)fluoranthene
Concen: 37.04 ng m
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	8.8	16.0	24.0#





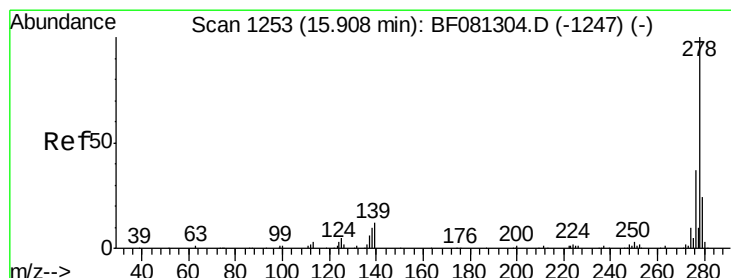
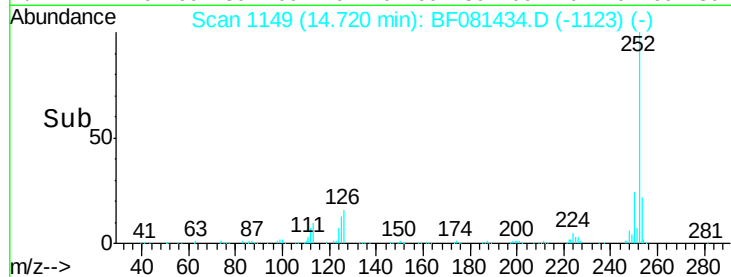
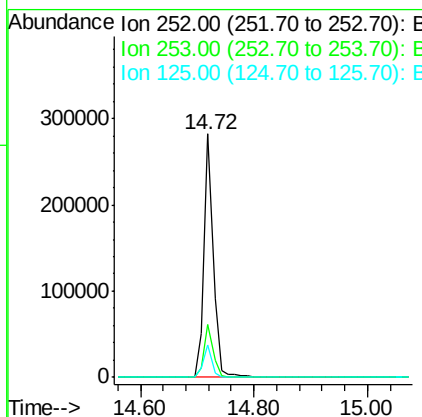
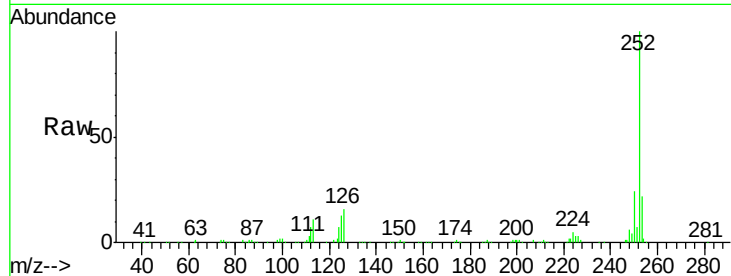
#89
Benzo(a)pyrene
Concen: 38.86 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	309701		
253	21.7	17.2	25.8	
125	13.1	18.0	27.0	#

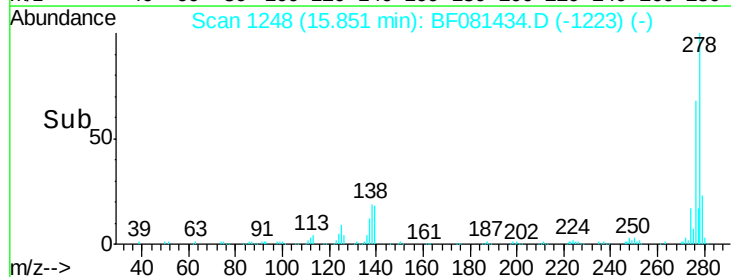
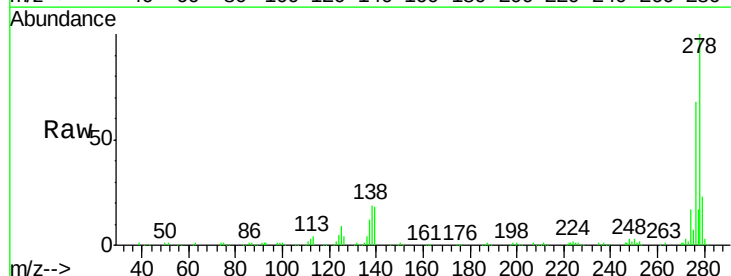
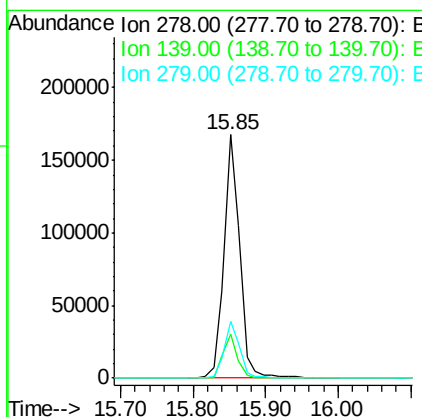
Manual Integrations
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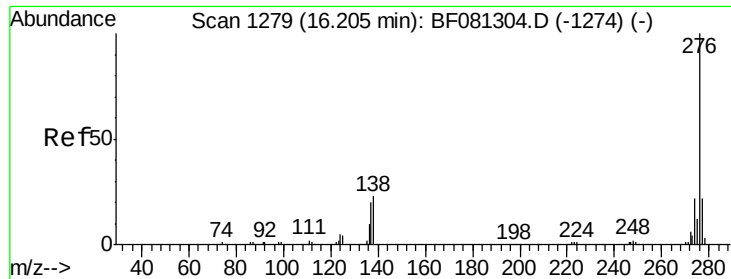
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 41.25 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF081434.D
Acq: 4 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	254038		
139	17.9	26.3	39.5	#
279	23.3	18.2	27.4	





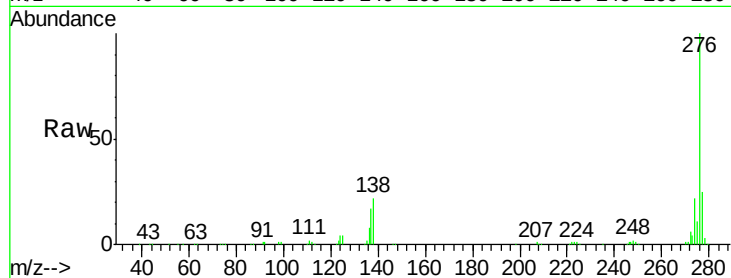
#91
 Benzo(g,h,i)perylene
 Concen: 42.59 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081434.D
 Acq: 4 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)MSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	17.8	26.6
138	21.5	34.6	51.8#

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

