

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080943.D
 Acq On : 8 Aug 2015 1:38
 Operator : TP/UM
 Sample : PB84907BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:12 PM

Quant Time: Aug 08 06:13:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	65078	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	262117	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	127987	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	255570	20.00	ng	0.00
75) Chrysene-d12	13.95	240	185928	20.00	ng	-0.01
86) Perylene-d12	15.36	264	155199	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	202016	50.72	ng	0.01
7) Phenol-d6	6.44	99	294319	53.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	281345	50.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	70639	50.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	508738	55.96	ng	0.00
78) Terphenyl-d14	12.91	244	539589	59.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	36596	19.37	ng	# 95
3) Pyridine	3.09	79	77434	14.45	ng	95
4) n-Nitrosodimethylamine	3.02	42	53390	19.52	ng	98
6) Aniline	6.46	93	117378	14.64	ng	99
8) 2-Chlorophenol	6.59	128	100660	21.84	ng	97
9) Benzaldehyde	6.35	77	87538	23.79	ng	99
10) Phenol	6.45	94	130048	20.08	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	106031	21.93	ng	97
12) 1,3-Dichlorobenzene	6.75	146	95301	19.48	ng	98
13) 1,4-Dichlorobenzene	6.82	146	91254m	17.95	ng	
14) 1,2-Dichlorobenzene	6.98	146	99240	21.60	ng	98
15) Benzyl Alcohol	6.96	79	86379	19.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	198035	20.36	ng	100
17) 2-Methylphenol	7.06	107	78282	19.90	ng	# 90
18) Hexachloroethane	7.32	117	38430	19.73	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	72556	18.19	ng	92
20) 3+4-Methylphenols	7.22	107	107092	21.67	ng	# 87
22) Acetophenone	7.22	105	173635	27.04	ng	# 92
24) Nitrobenzene	7.39	77	118175	20.71	ng	96
25) Isophorone	7.63	82	198338	18.61	ng	# 94
26) 2-Nitrophenol	7.71	139	51926	21.63	ng	91
27) 2,4-Dimethylphenol	7.74	122	89378	19.89	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	129389	20.22	ng	98
29) 2,4-Dichlorophenol	7.95	162	78906	21.36	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	78364	19.41	ng	# 94
31) Naphthalene	8.11	128	264148	18.28	ng	99
32) Benzoic acid	7.86	122	71936	26.73	ng	89
33) 4-Chloroaniline	8.17	127	65661	11.18	ng	# 92
34) Hexachlorobutadiene	8.24	225	47882	19.93	ng	96
35) Caprolactam	8.52	113	32527	24.48	ng	# 61
36) 4-Chloro-3-methylphenol	8.65	107	91002	20.19	ng	100
37) 2-Methylnaphthalene	8.81	142	191334	20.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	90321	22.89	ng	99
40) Hexachlorocyclopentadiene	8.97	237	98792	45.89	ng	99

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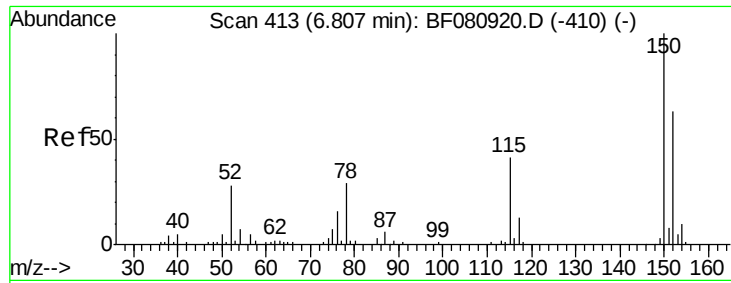
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:12 PM

Quant Time: Aug 08 06:13:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	53442	18.48	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	57293	19.66	nq	# 74
45) 1,1'-Biphenyl	9.28	154	273196	24.87	nq	99
46) 2-Chloronaphthalene	9.29	162	158870	18.55	nq	# 91
47) 2-Nitroaniline	9.39	65	73763	21.48	nq	# 84
48) Acenaphthylene	9.71	152	277631	18.65	nq	99
49) Dimethylphthalate	9.57	163	212308	19.97	nq	99
50) 2,6-Dinitrotoluene	9.63	165	44426	20.23	nq	# 82
51) Acenaphthene	9.88	154	209311	22.96	nq	98
52) 3-Nitroaniline	9.79	138	31006	11.45	nq	86
53) 2,4-Dinitrophenol	9.90	184	57000	45.58	nq	92
54) Dibenzofuran	10.05	168	257892	20.92	nq	97
55) 4-Nitrophenol	9.96	139	96129	47.43	nq	# 66
56) 2,4-Dinitrotoluene	10.03	165	56968	19.38	nq	# 92
57) Fluorene	10.40	166	186660	19.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	47891m	20.77	nq	
59) Diethylphthalate	10.27	149	213572	19.30	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	84097	18.10	nq	96
61) 4-Nitroaniline	10.41	138	49303	17.70	nq	95
62) Azobenzene	10.54	77	250548	20.25	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	28470	17.97	nq	# 67
65) n-Nitrosodiphenylamine	10.50	169	161831	18.23	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	56760	20.97	nq	91
67) Hexachlorobenzene	10.93	284	55630	18.49	nq	# 58
68) Atrazine	11.04	200	75897	29.15	nq	96
69) Pentachlorophenol	11.13	266	73403	41.95	nq	98
70) Phenanthrene	11.34	178	269152	18.60	nq	99
71) Anthracene	11.40	178	315679	22.03	nq	99
72) Carbazole	11.55	167	268462	19.25	nq	# 97
73) Di-n-butylphthalate	11.89	149	389763	22.35	nq	98
74) Fluoranthene	12.53	202	346963	22.18	nq	97
76) Benzidine	12.66	184	201929	21.29	nq	97
77) Pyrene	12.76	202	356765	25.97	nq	99
79) Butylbenzylphthalate	13.38	149	161631	24.41	nq	# 60
80) Benzo(a)anthracene	13.94	228	279653	23.81	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	81627	19.11	nq	# 96
82) Chrysene	13.99	228	278658	24.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	227962	24.74	nq	# 92
84) Di-n-octyl phthalate	14.56	149	412259	26.39	nq	99
85) Indeno(1,2,3-cd)pyrene	16.71	276	237264	22.17	nq	98
87) Benzo(b)fluoranthene	14.96	252	229265m	21.24	nq	
88) Benzo(k)fluoranthene	14.99	252	236379m	25.04	nq	
89) Benzo(a)pyrene	15.30	252	222764	24.02	nq	# 98
90) Dibenzo(a,h)anthracene	16.73	278	200683	24.46	nq	97
91) Benzo(g,h,i)perylene	17.12	276	195324	24.48	nq	98

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



#1

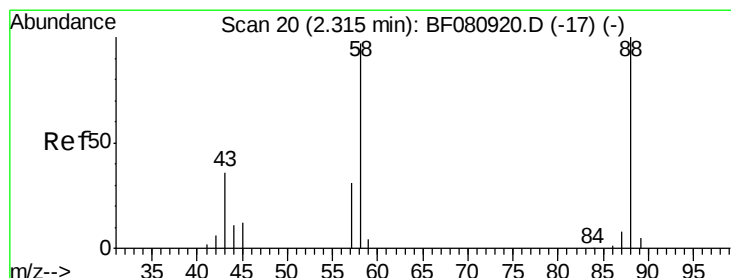
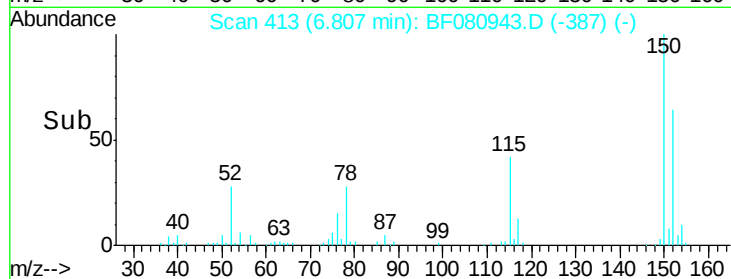
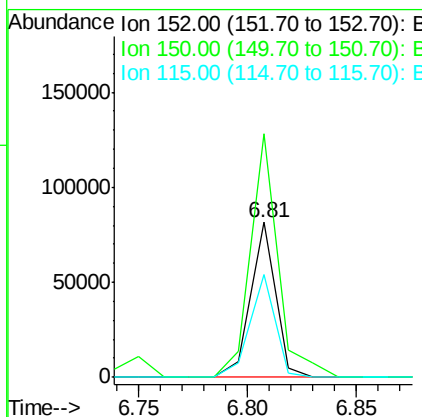
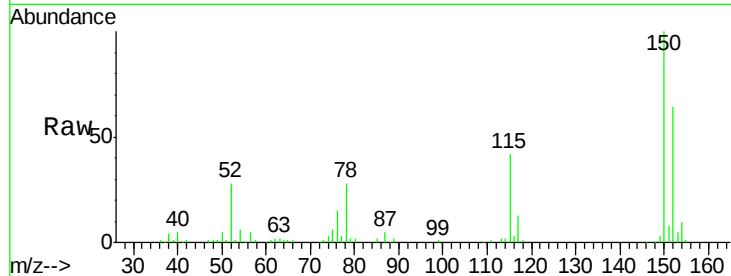
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.4	191.2
115	66.2	52.6	78.8

Manual Integrations
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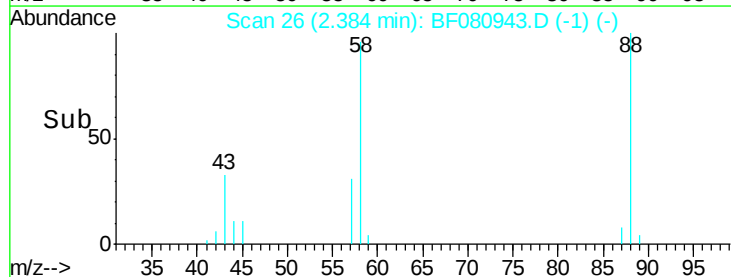
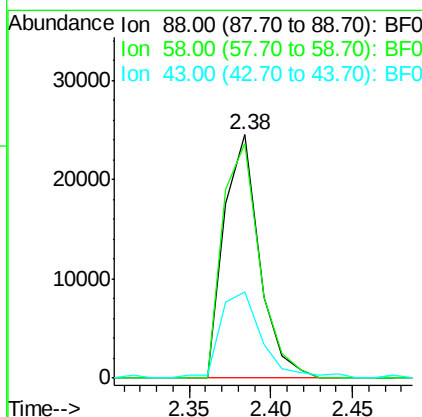
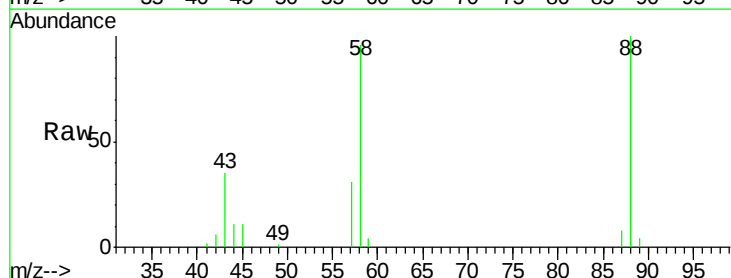
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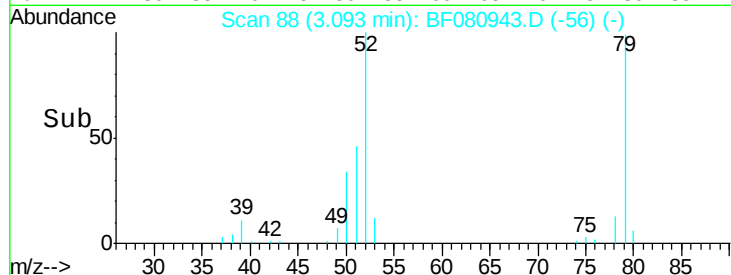
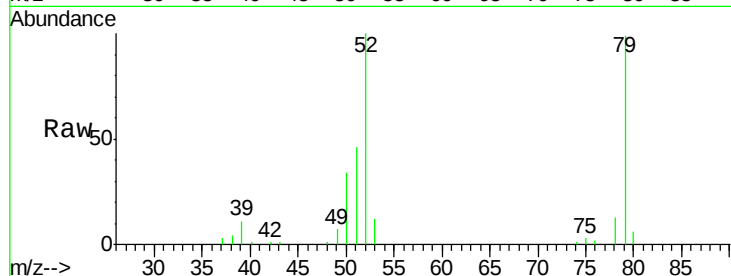
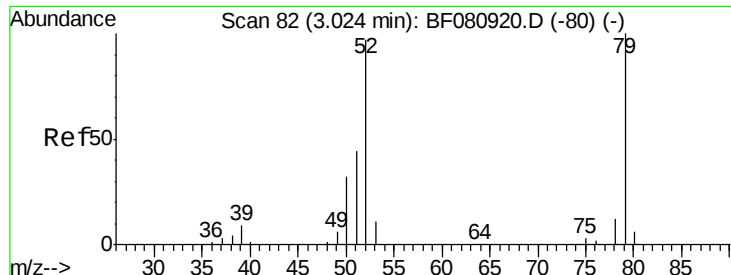


#2

1,4-Dioxane
Concen: 19.37 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.07 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.4	79.3	118.9
43	42.5	28.3	42.5#





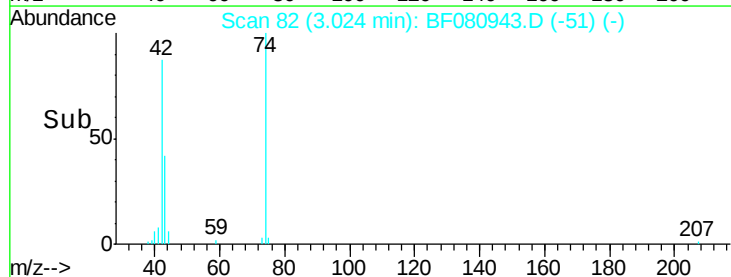
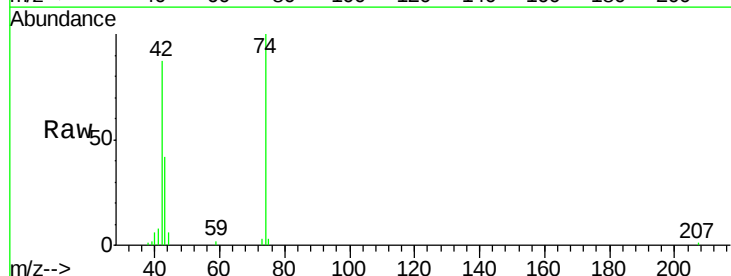
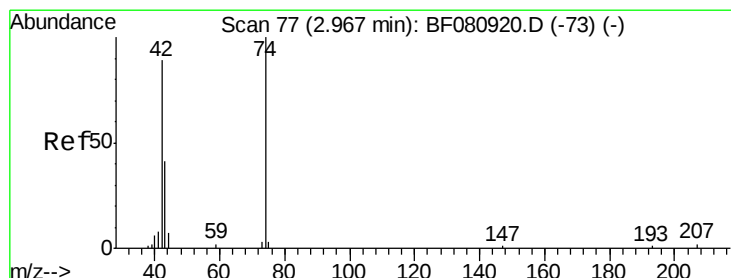
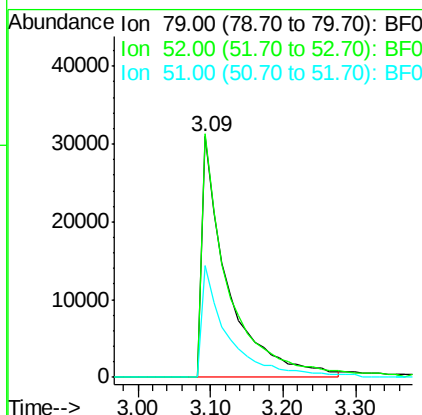
#3
 Pvridine
 Concen: 14.45 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.07 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	101.1	77.2	115.8
51	51	46.5	35.0	52.4

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

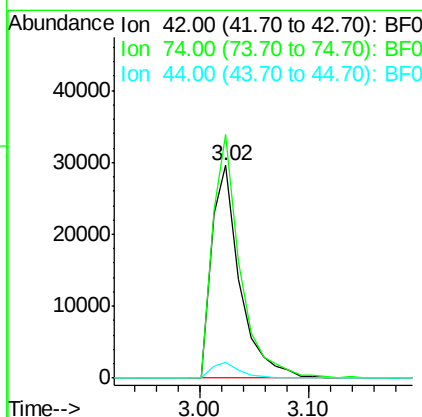
Manual Integrations
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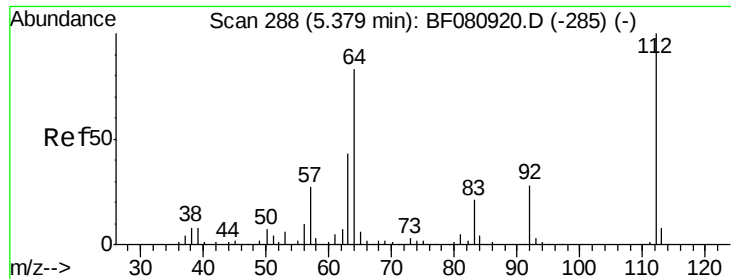
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#4
 n-Nitrosodimethylamine
 Concen: 19.52 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.06 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	114.6	89.8	134.8
44	44	7.4	6.5	9.7





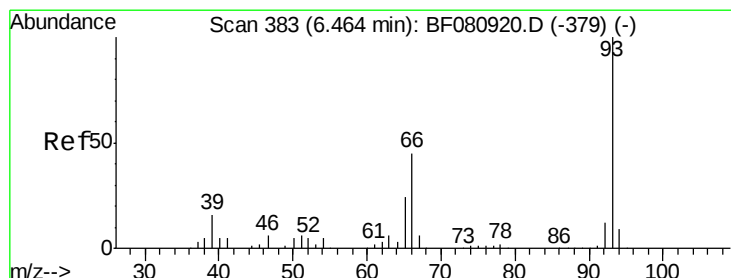
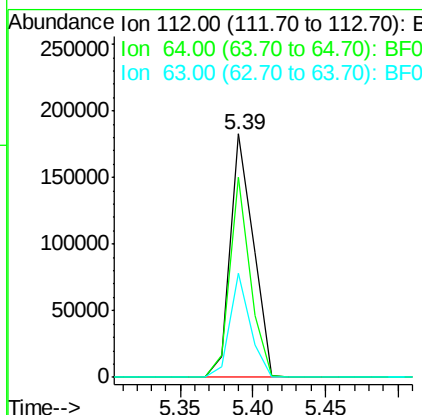
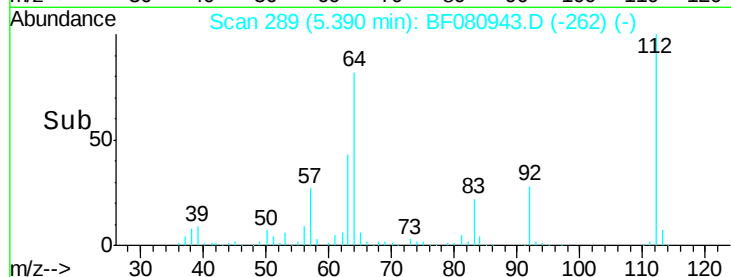
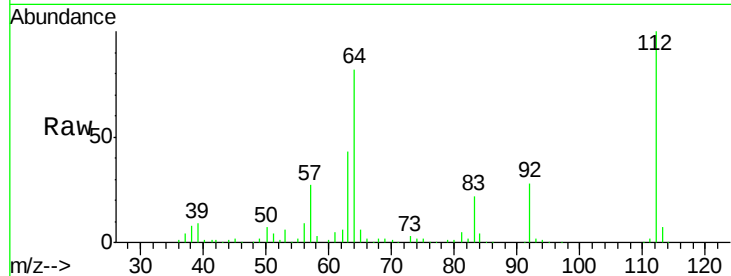
#5
2-Fluorophenol
Concen: 50.72 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	82.1	66.1	99.1
63	42.6	34.6	52.0

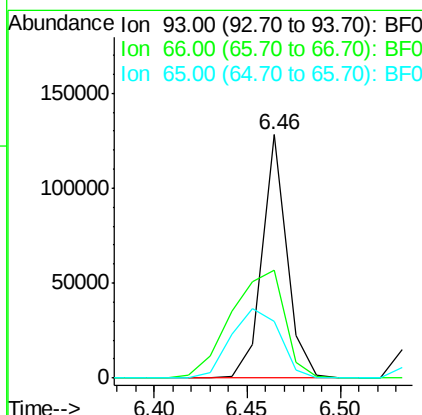
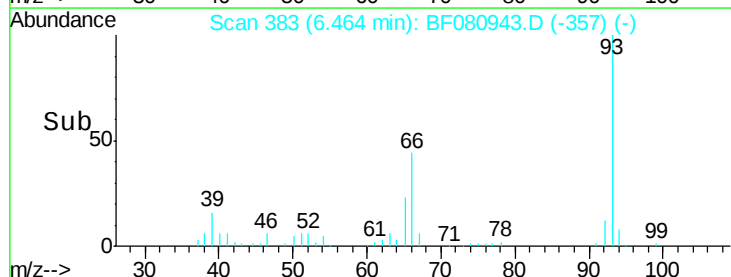
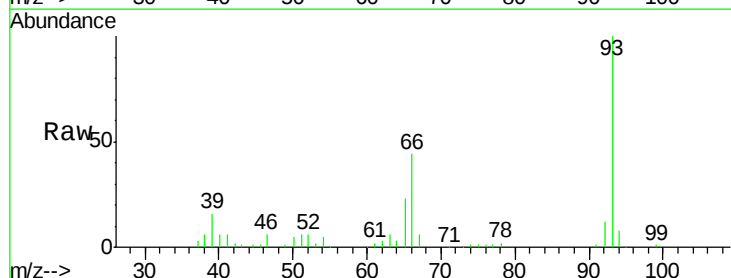
Manual Integrations
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#6
Aniline
Concen: 14.64 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	44.3	36.2	54.4
65	23.1	19.0	28.4





#7

Phenol-d6

Concen: 53.92 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

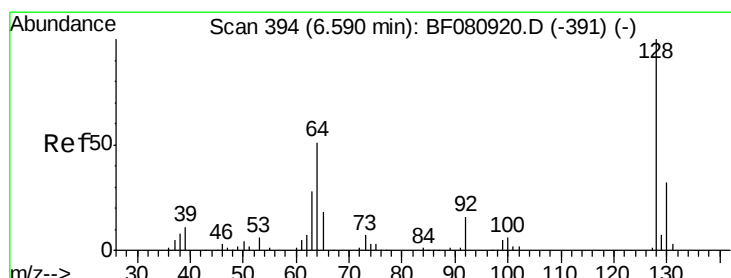
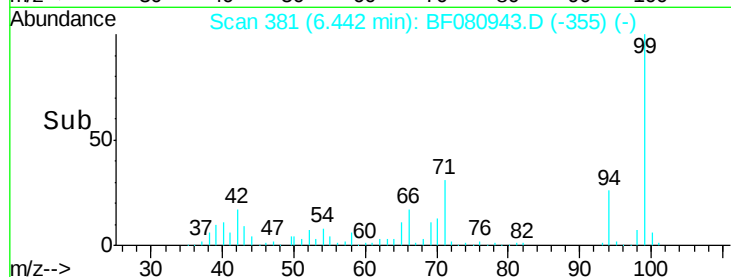
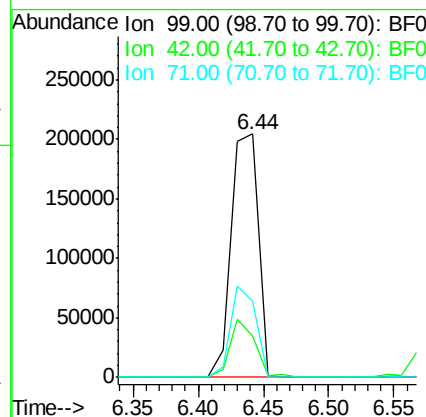
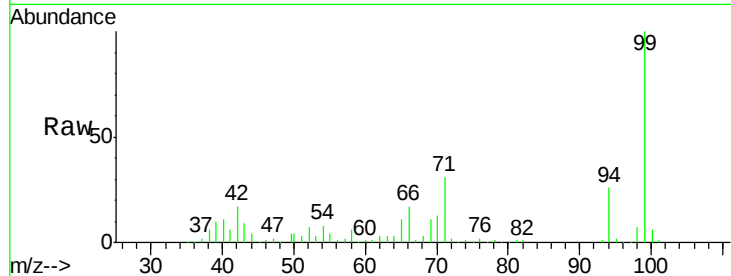
ClientSampled :

PB84907BS

Tot Ion:	99	Resp:	294319
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.4	21.6
71	31.0	25.8	38.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 21.84 ng

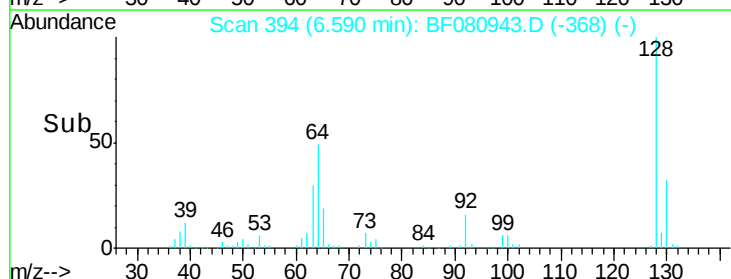
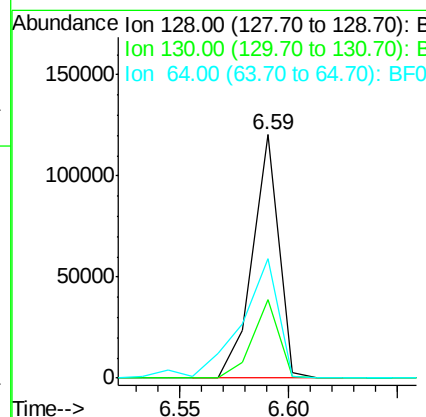
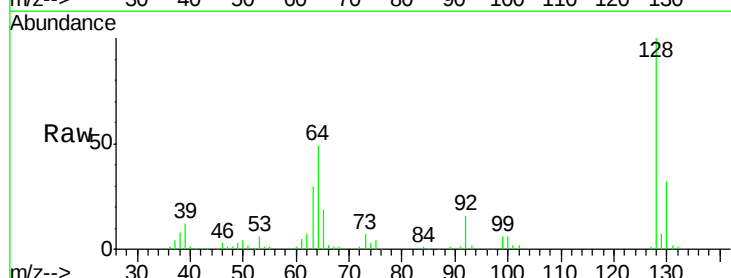
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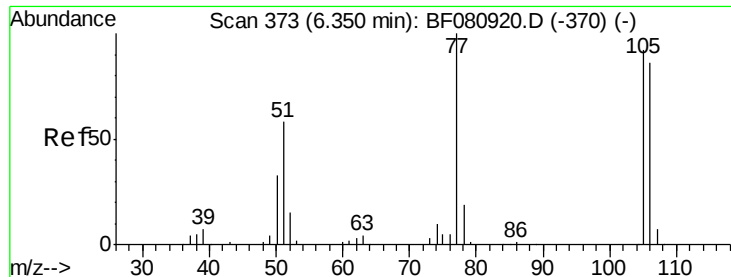
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:	128	Resp:	100660
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.4	52.4
64	49.3	32.1	72.1





#9

Benzaldehyde

Concen: 23.79 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

PB84907BS

Tot Ion: 77 Resp: 87538

Ion Ratio Lower Upper

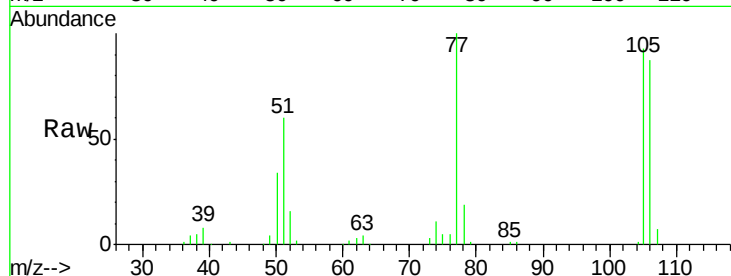
77 100

105 93.1 71.6 111.6

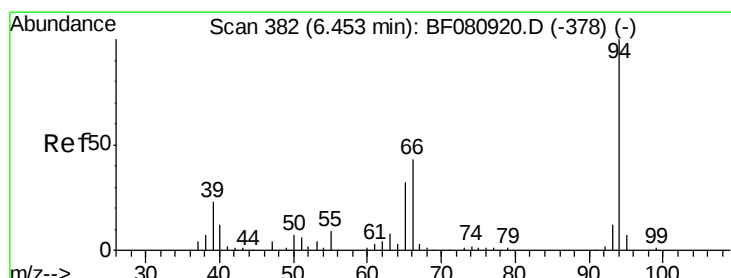
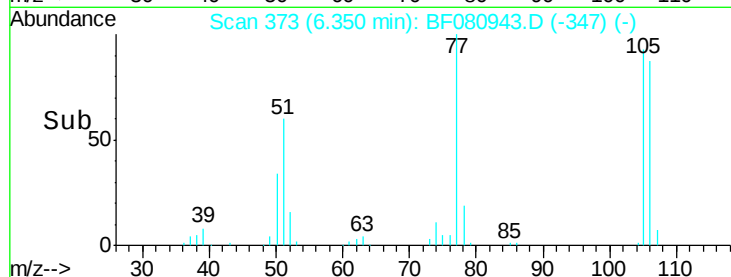
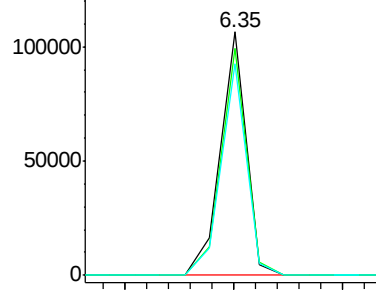
106 87.0 65.7 105.7

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 20.08 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

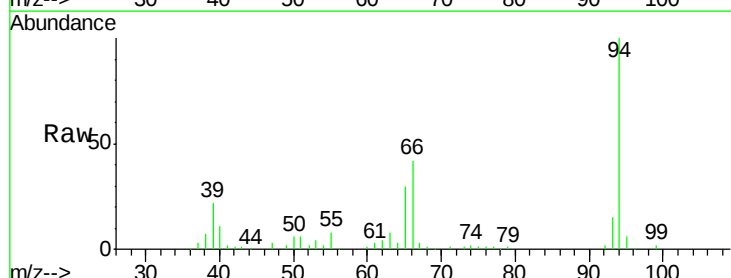
Tgt Ion: 94 Resp: 130048

Ion Ratio Lower Upper

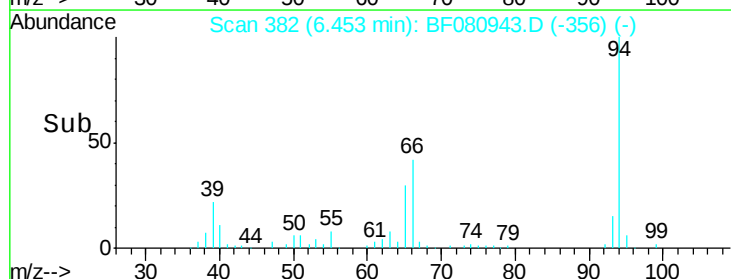
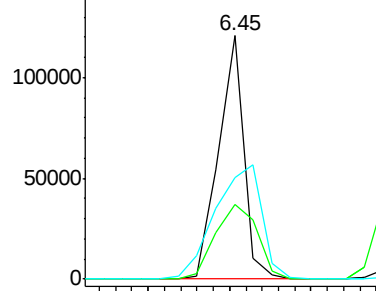
94 100

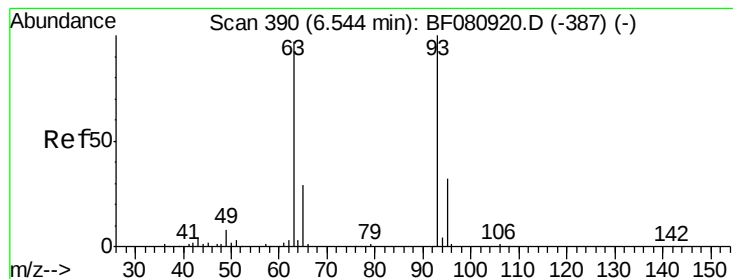
65 30.4 11.8 51.8

66 41.8 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





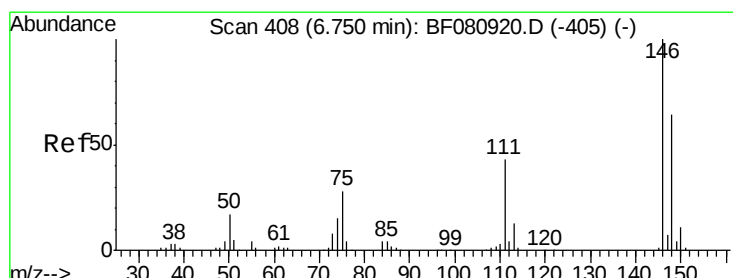
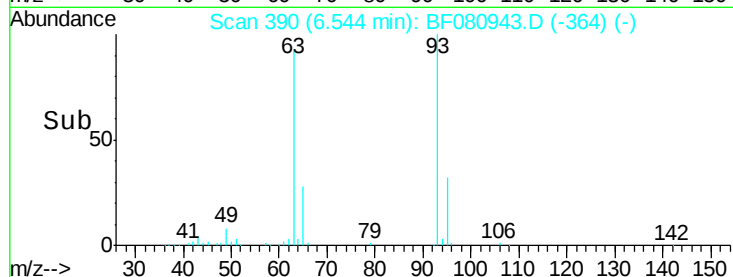
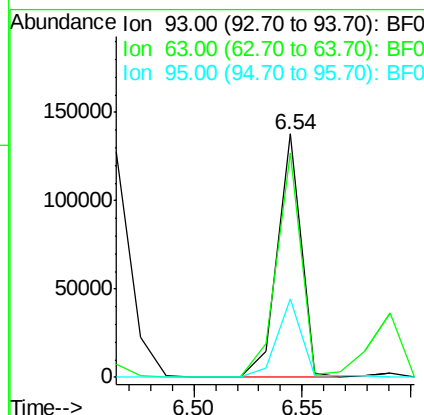
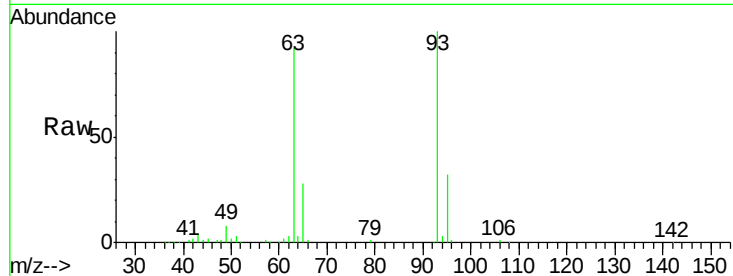
#11
bis(2-Chloroethyl)ether
Concen: 21.93 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	106031		
63	92.2	76.7	116.7	
95	32.2	12.3	52.3	

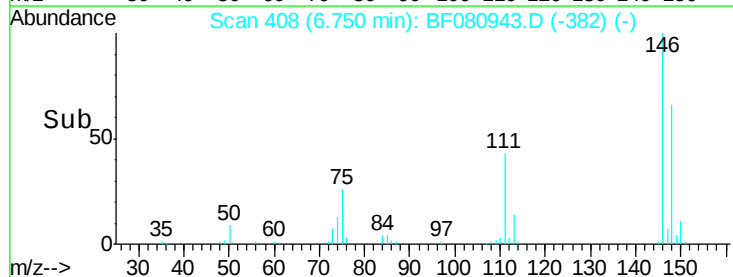
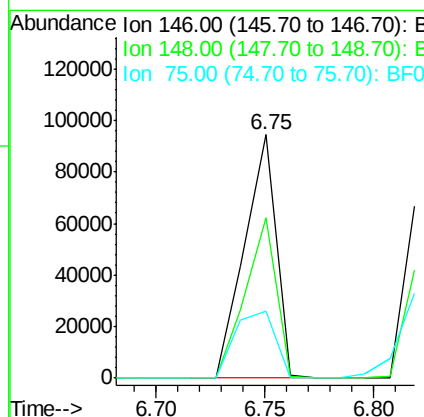
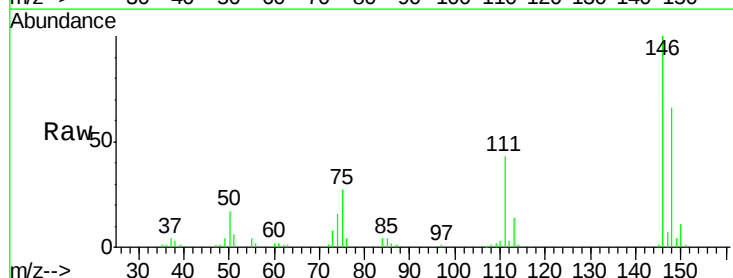
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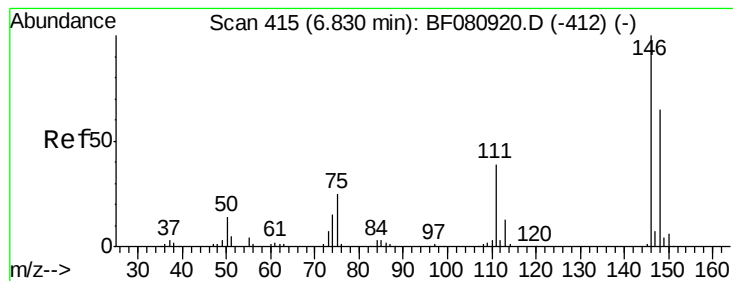
MMDadoda
8/10/2015 7:20:12 PM



#12
1,3-Dichlorobenzene
Concen: 19.48 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	95301		
148	65.7	51.4	77.0	
75	27.4	22.2	33.4	





#13

1,4-Dichlorobenzene

Concen: 17.95 ng/mL

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

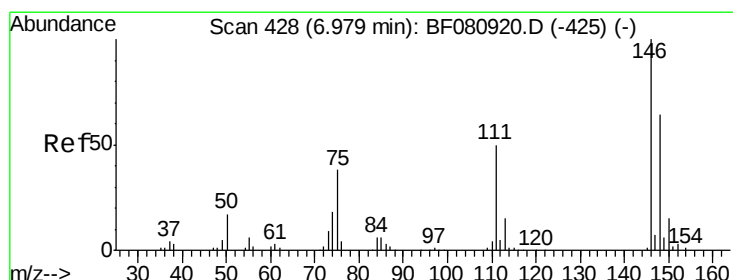
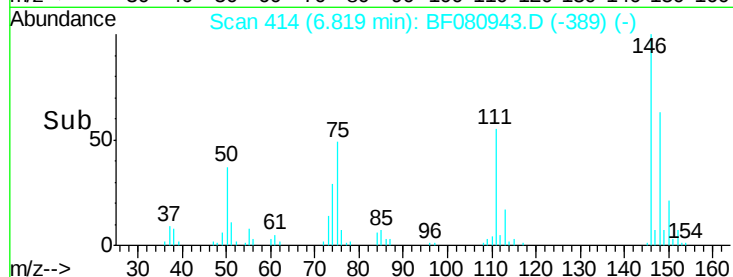
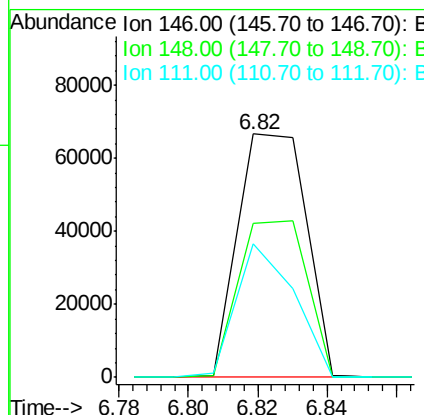
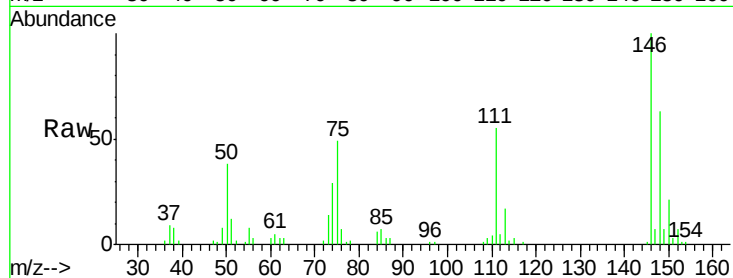
ClientSampleID :

PB84907BS

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Tot Ion:	146	Resp:	91254
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.2	78.4
111	54.6	31.5	47.3



#14

1,2-Dichlorobenzene

Concen: 21.60 ng/mL

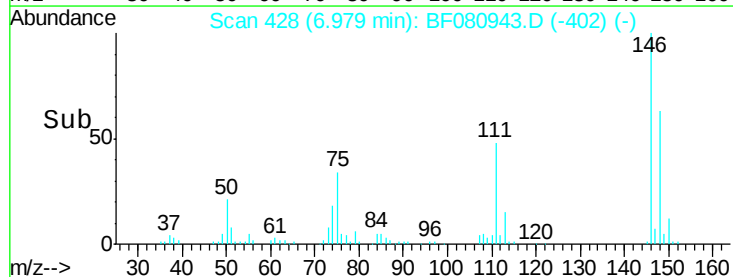
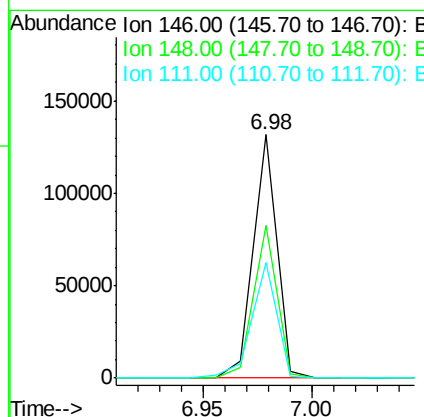
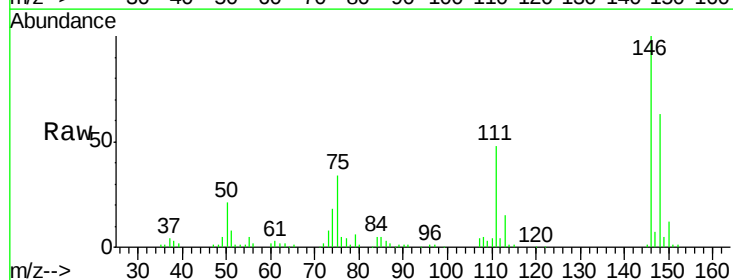
RT: 6.98 min Scan# 428

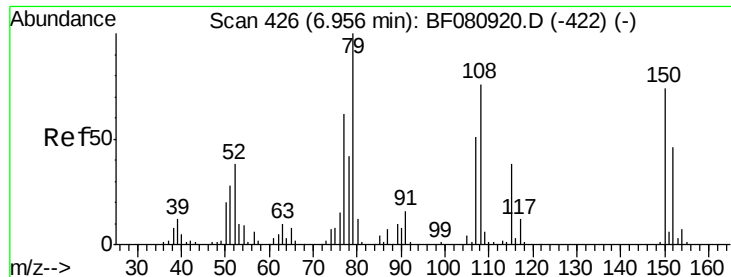
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:	146	Resp:	99240
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.1	76.7
111	47.5	40.0	60.0





#15

Benzyl Alcohol

Concen: 19.34 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

PB84907BS

Tot Ion: 79 Resp: 86379

Ion Ratio Lower Upper

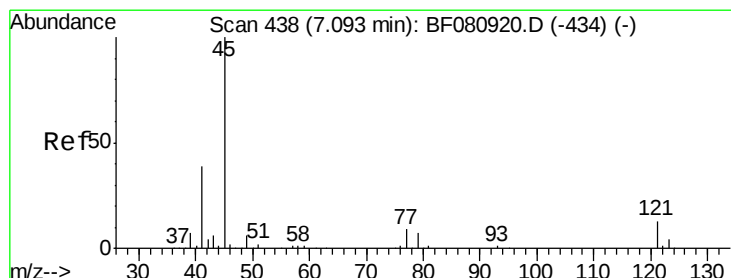
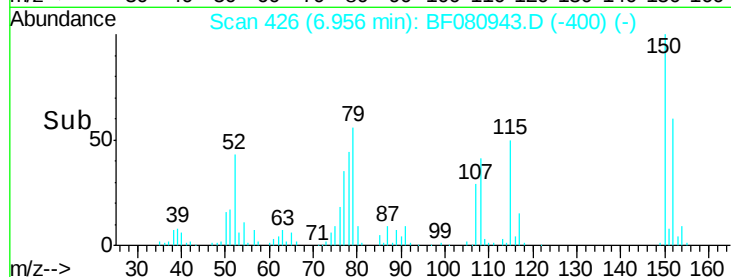
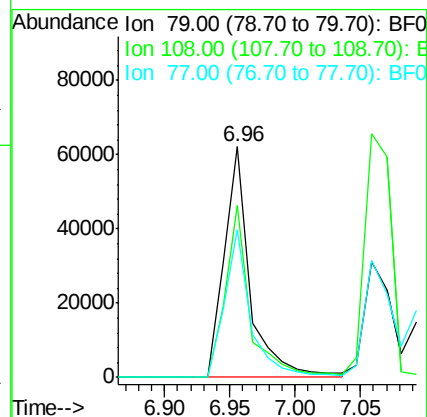
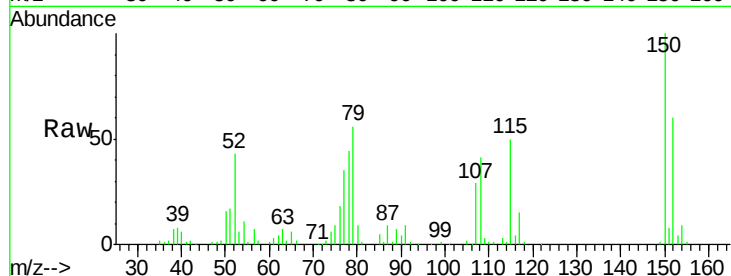
79 100

108 74.5 60.9 91.3

77 63.7 49.4 74.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 20.36 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

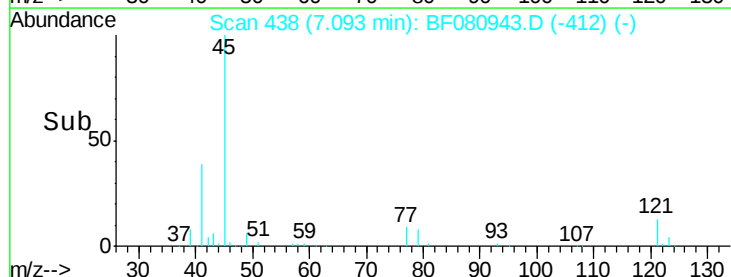
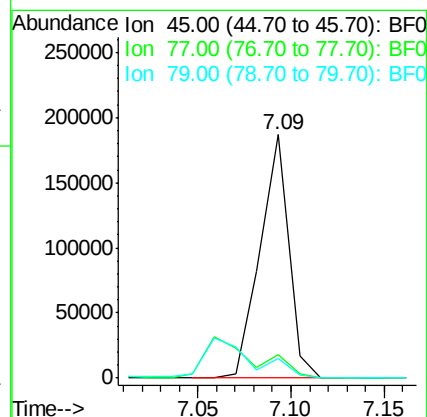
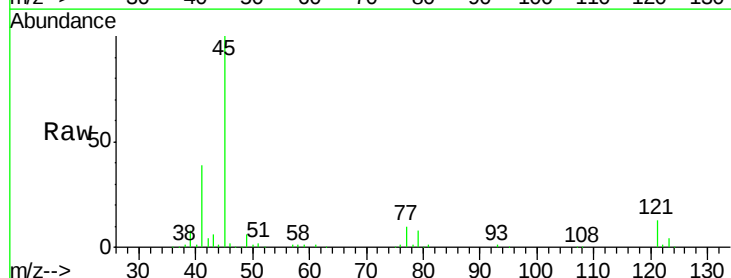
Tgt Ion: 45 Resp: 198035

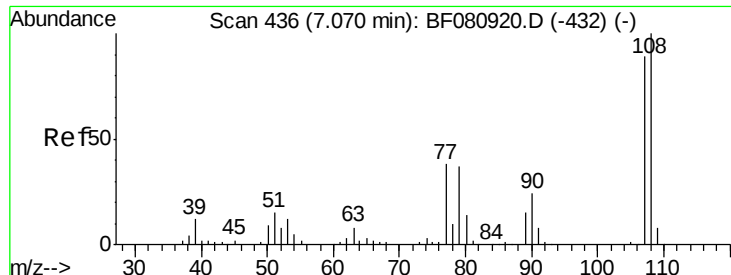
Ion Ratio Lower Upper

45 100

77 9.6 0.0 29.6

79 8.0 0.0 27.7





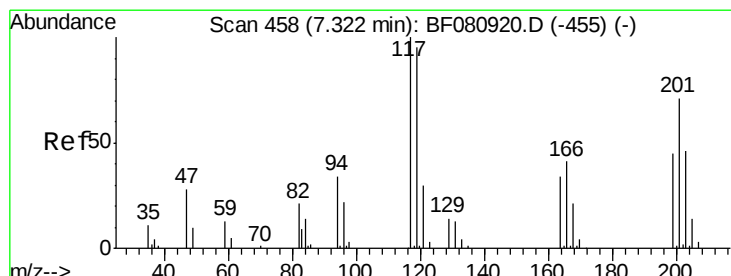
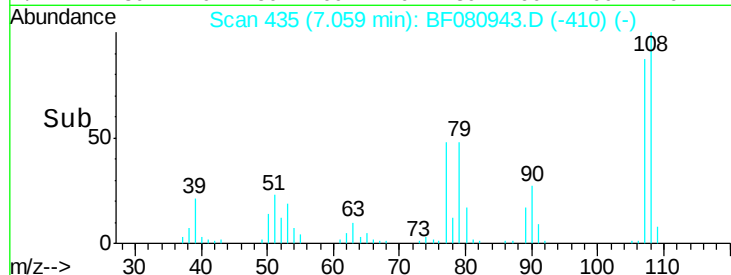
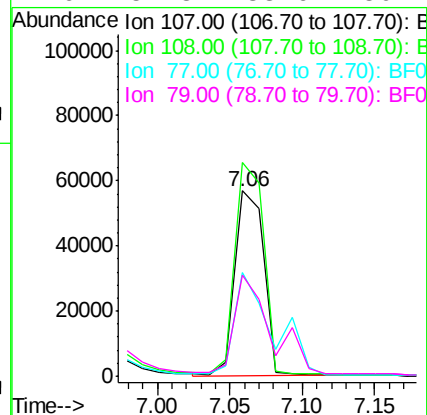
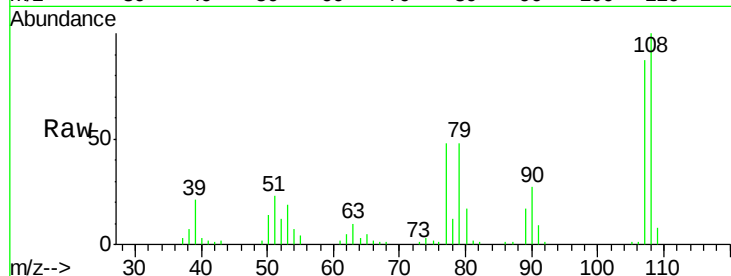
#17
2-Methylphenol
Concen: 19.90 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.3	135.5
77	55.7	34.6	51.8#
79	54.8	33.6	50.4#

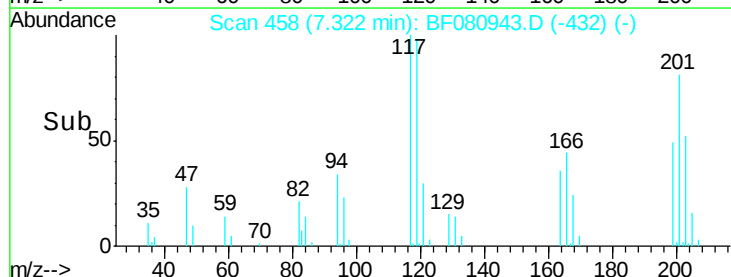
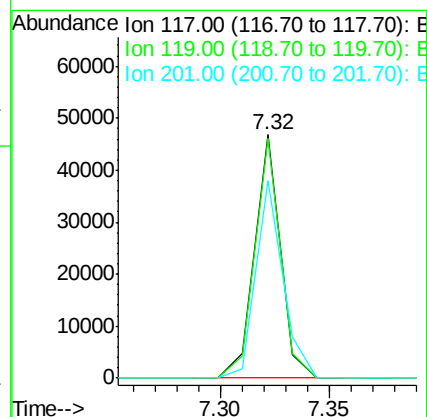
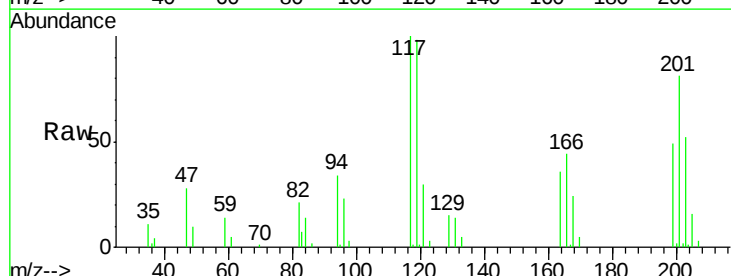
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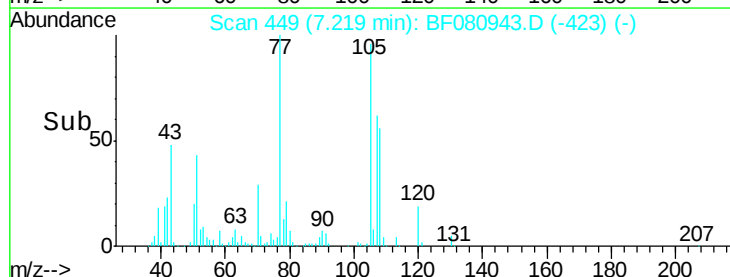
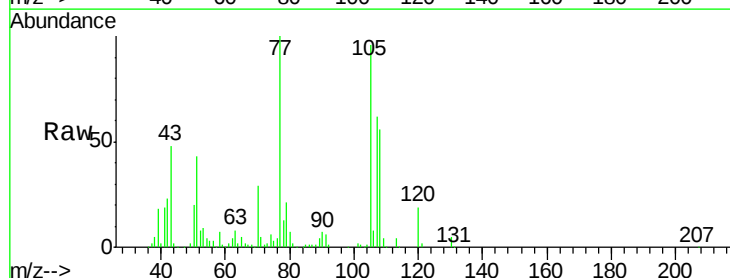
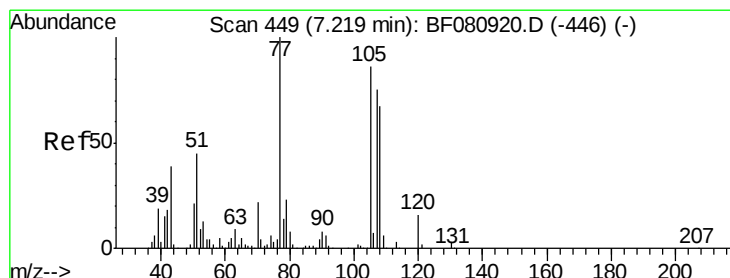
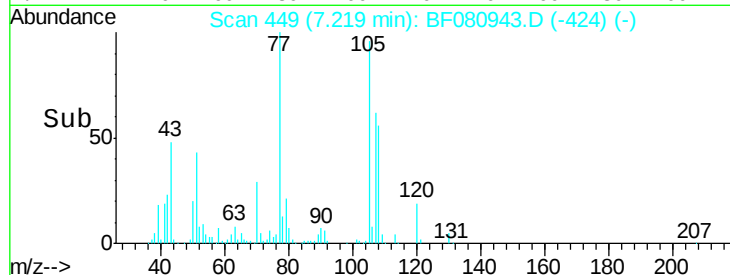
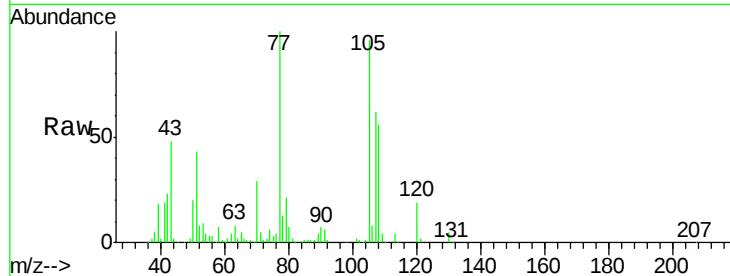
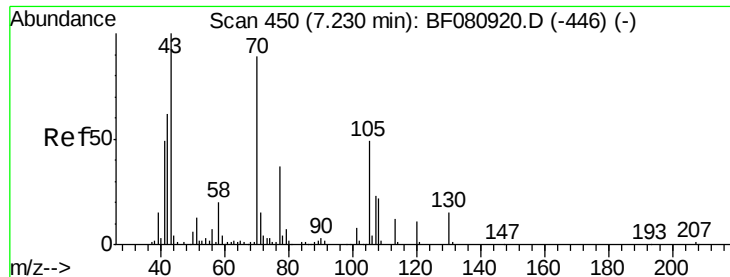
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#18
Hexachloroethane
Concen: 19.73 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.3	114.5
201	81.0	57.0	85.6





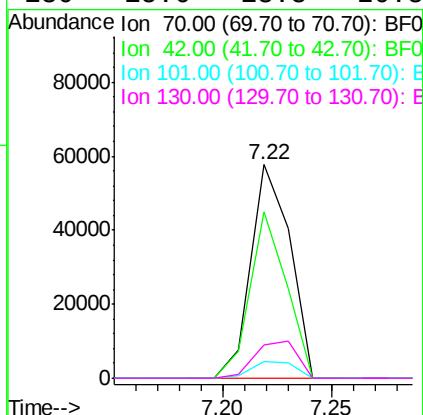
#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.0	55.7	83.5	
101	8.1	7.0	10.6	
130	15.6	13.8	20.8	

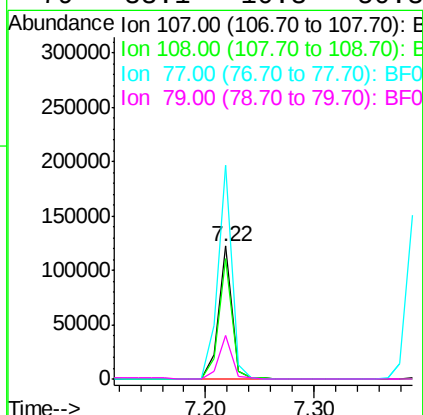
Manual Integrations
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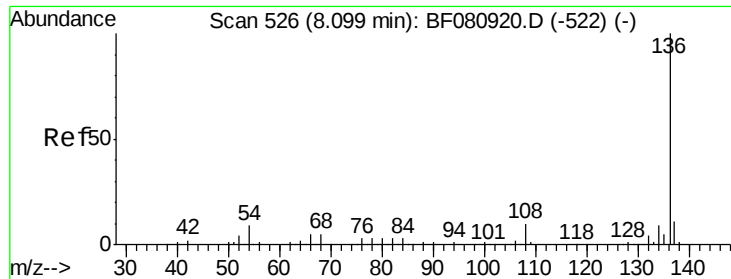
MMDadoda
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#20
3+4-Methylphenols
Concen: 21.67 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	69.2	109.2	
77	160.8	113.0	153.0	
79	33.1	10.3	50.3	





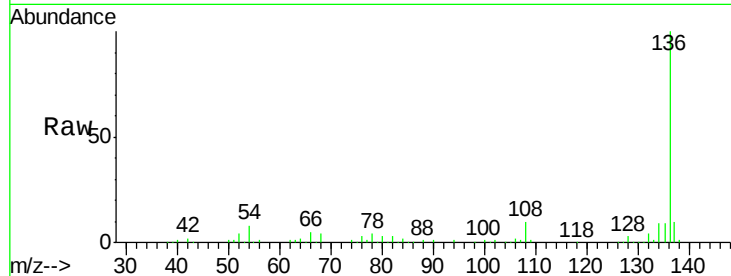
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

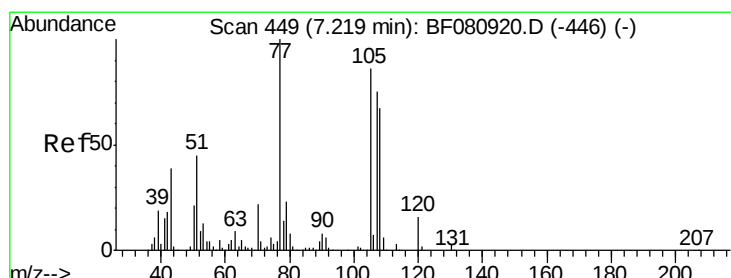
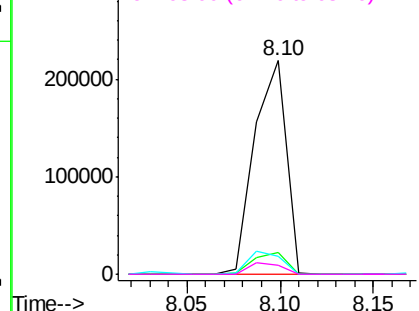
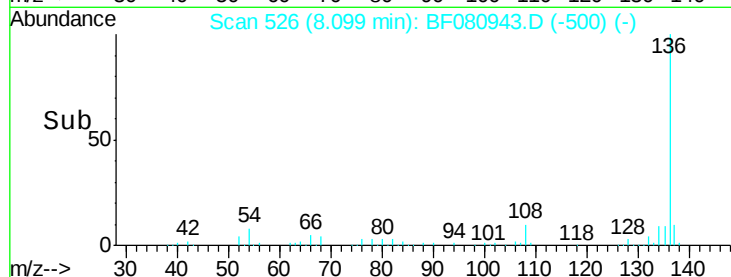
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		262117		
137	10.4		8.5	12.7	
54	8.2		7.1	10.7	
68	4.1		3.8	5.8	

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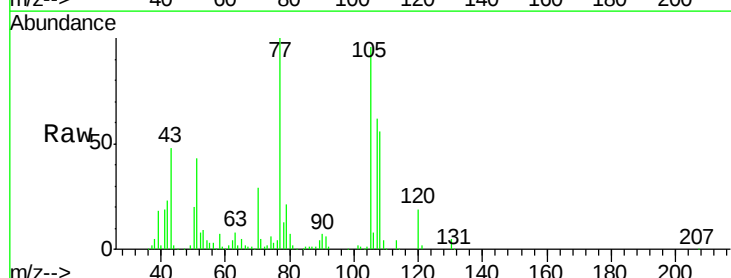


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

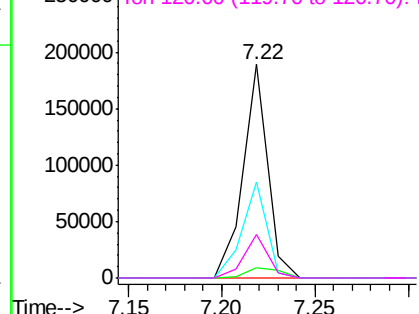
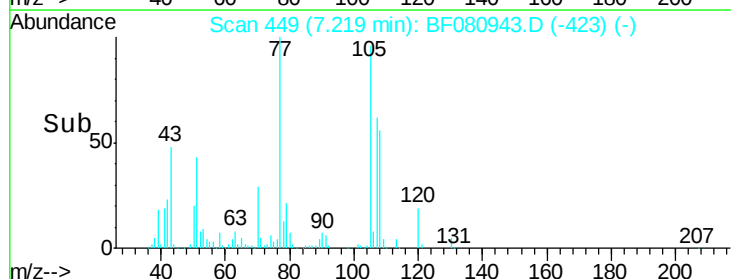


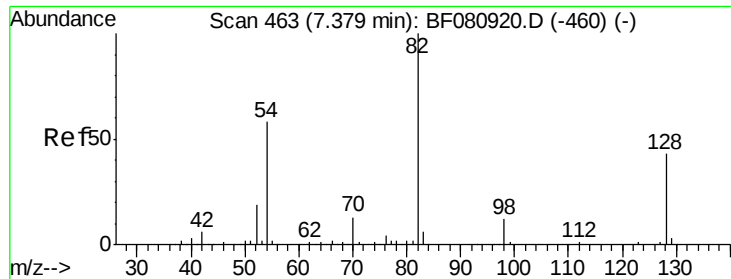
#22
Acetophenone
Concen: 27.04 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		173635		
71	5.1		3.3	4.9#	
51	44.8		41.8	62.6	
120	20.2		15.1	22.7	



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





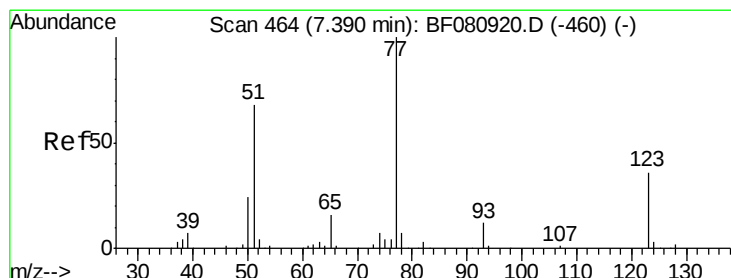
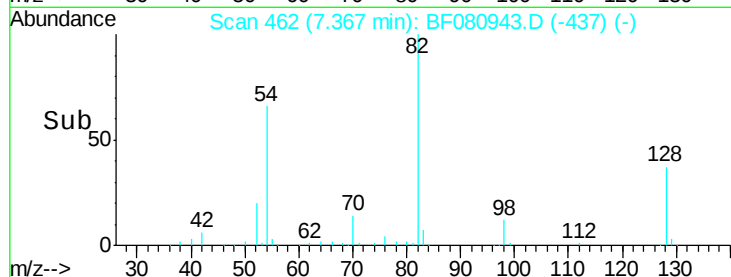
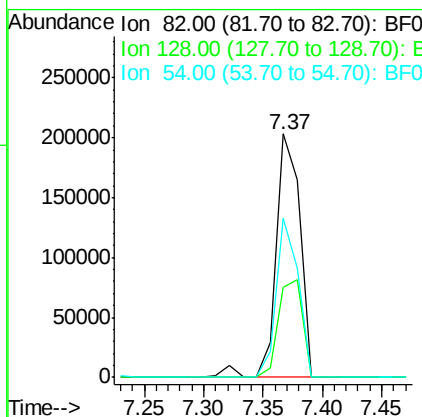
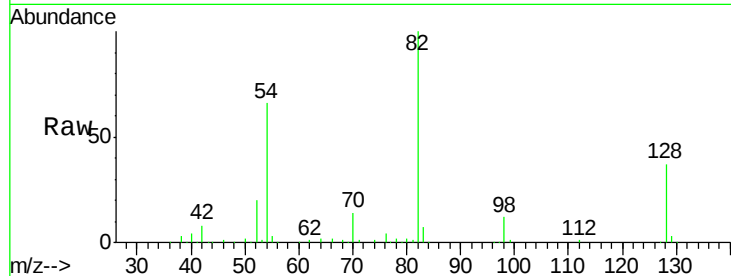
#23
Nitrobenzene-d5
Concen: 50.77 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	281345		
128	36.8	34.1	51.1	
54	65.6	46.5	69.7	

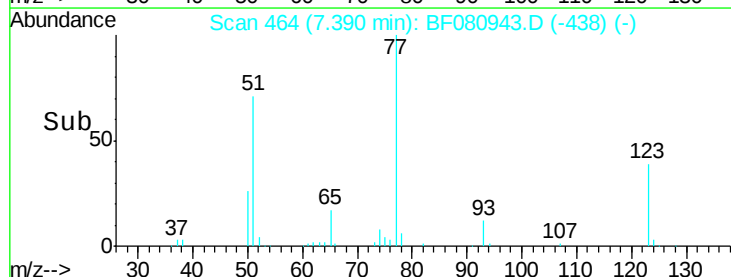
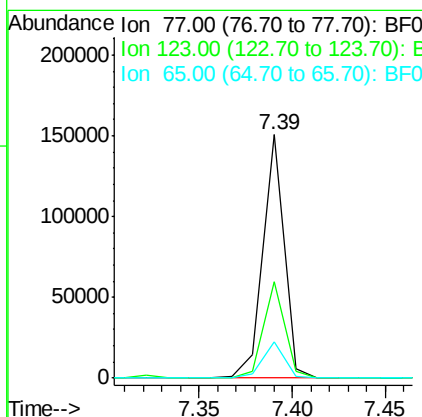
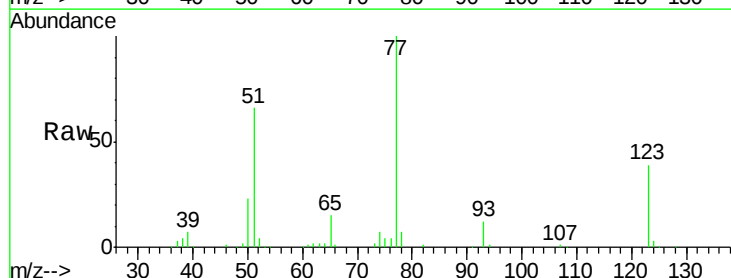
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#24
Nitrobenzene
Concen: 20.71 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	118175		
123	39.4	28.7	43.1	
65	15.2	12.5	18.7	





#25

Isophorone

Concen: 18.61 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

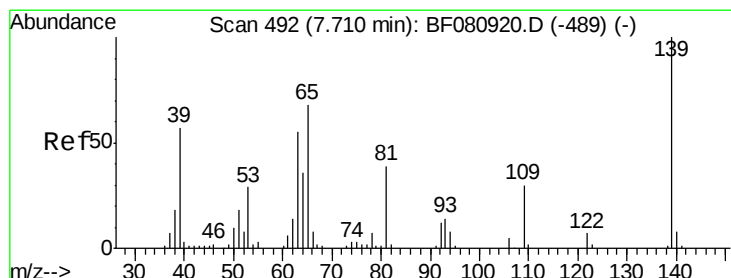
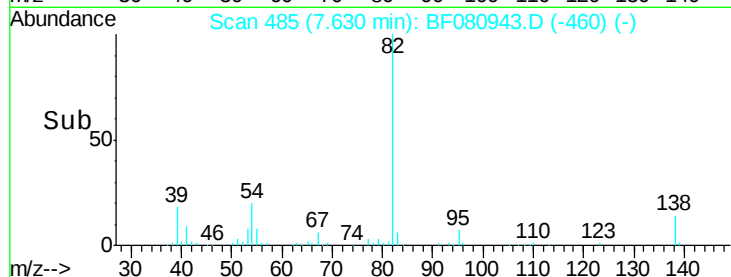
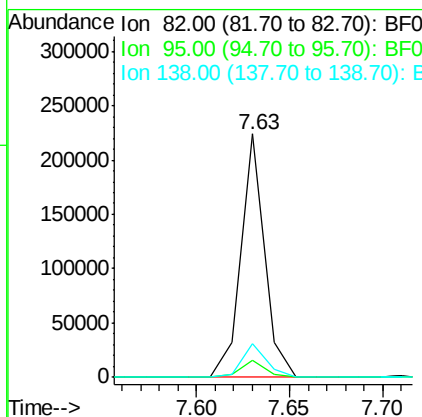
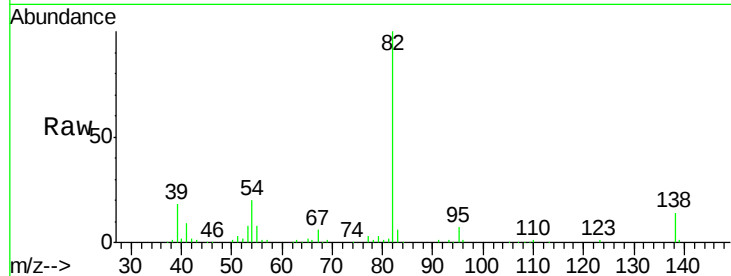
ClientSampleId :

PB84907BS

Tot Ion	82	Resp	198338
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	13.9	14.1	21.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.63 ng

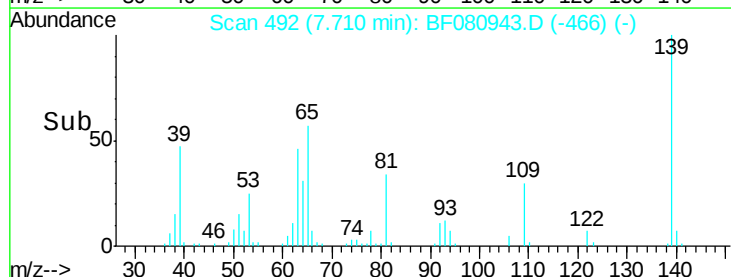
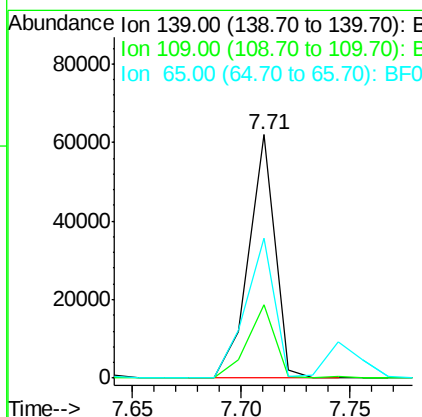
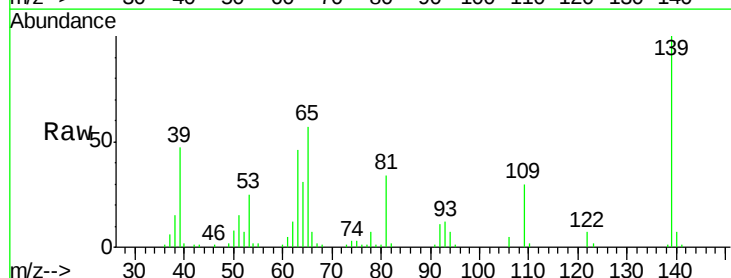
RT: 7.71 min Scan# 492

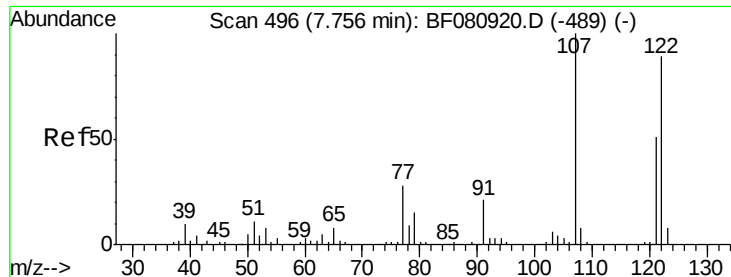
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion	139	Resp	51926
Ion Ratio	Lower	Upper	
139	100		
109	30.1	24.1	36.1
65	57.2	54.0	81.0





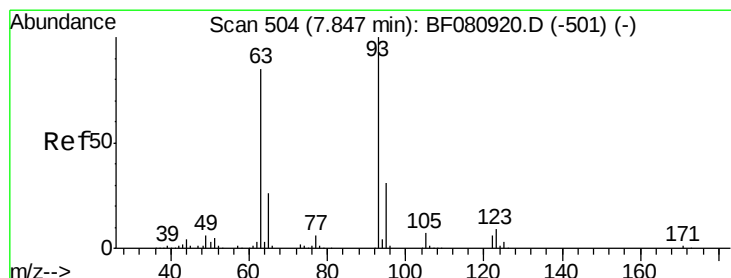
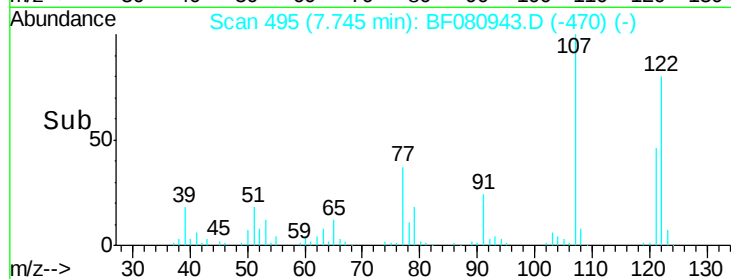
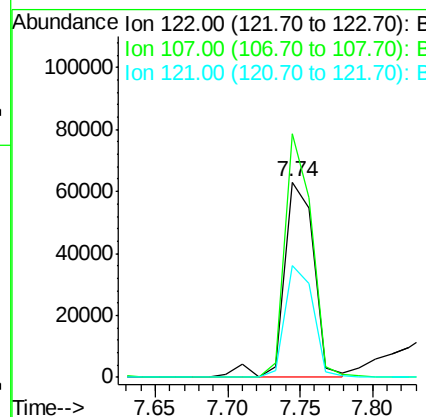
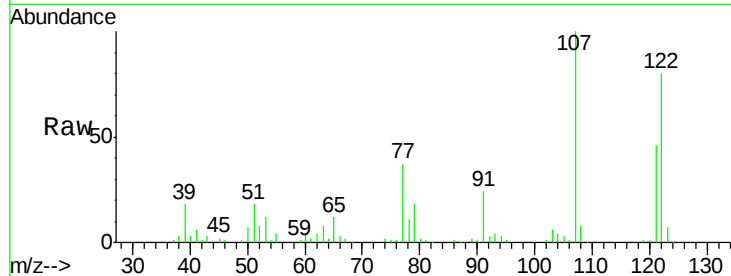
#27
 2,4-Dimethylphenol
 Concen: 19.89 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	89378		
107	124.5	90.2	135.4	
121	56.8	46.0	69.0	

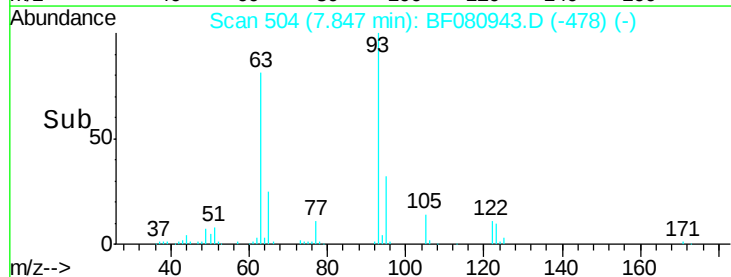
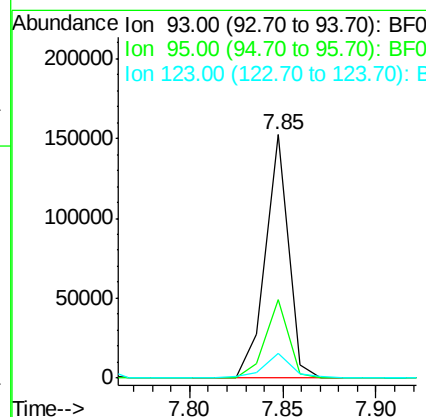
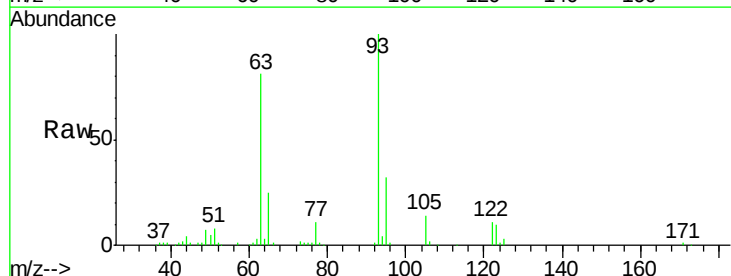
Manual Integrations
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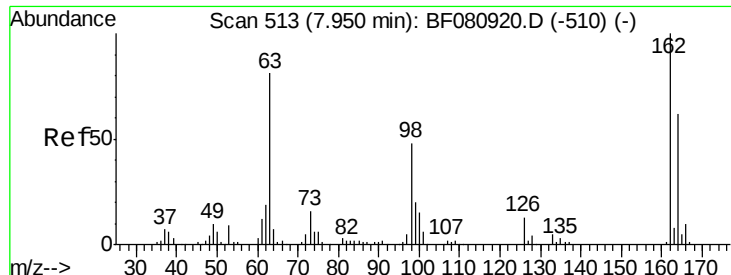
MMDadoda
 8/10/2015 7:20:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.22 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	129389		
95	32.2	25.0	37.4	
123	10.1	7.4	11.0	





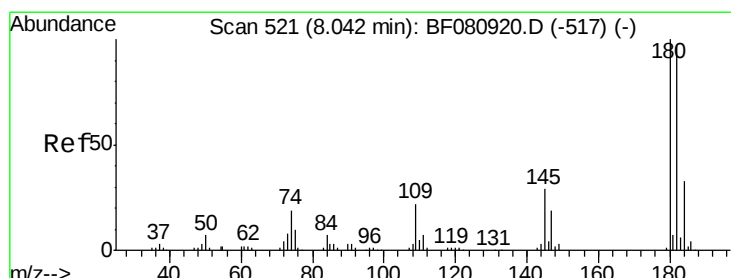
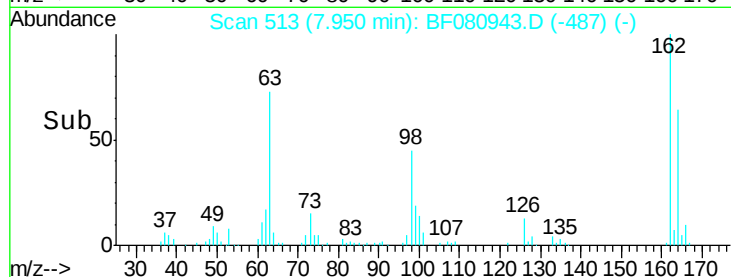
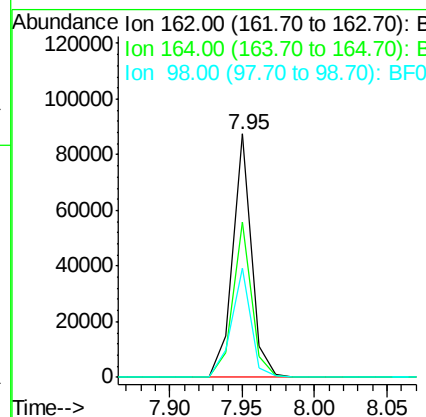
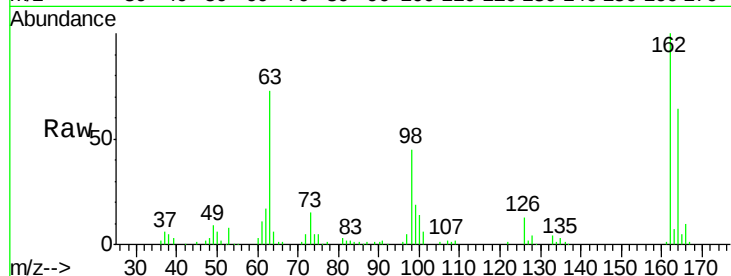
#29
2,4-Dichlorophenol
Concen: 21.36 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	42.3	82.3
98	44.7	27.7	67.7

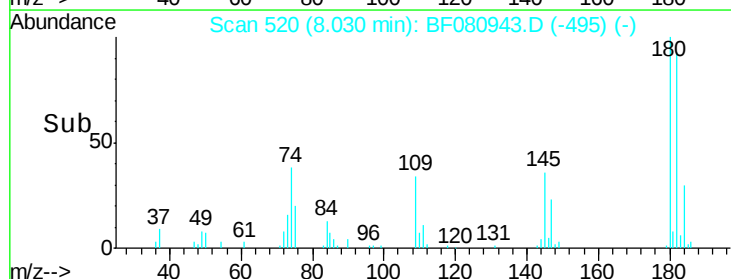
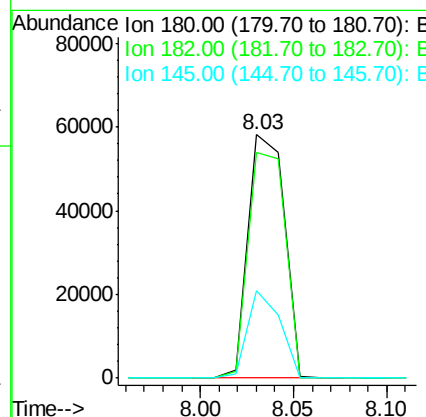
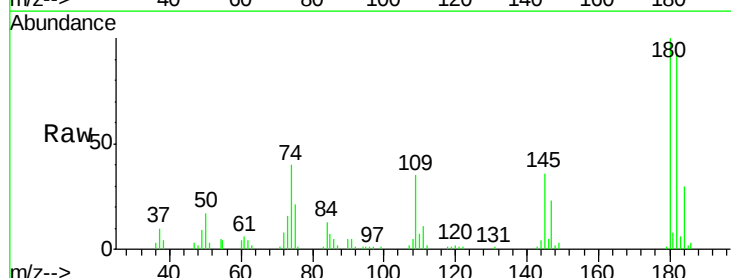
Manual Integrations
APPROVED

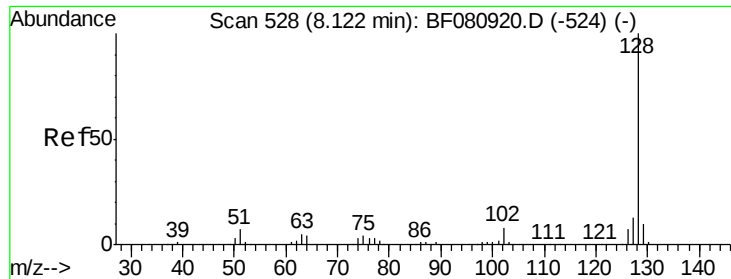
MMDadoda
8/10/2015 7:20:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 19.41 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.7	77.4	116.0
145	35.9	23.2	34.8#





#31

Naphthalene

Concen: 18.28 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

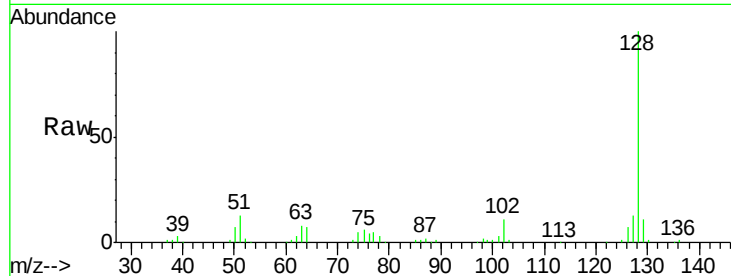
ClientSampleId :

PB84907BS

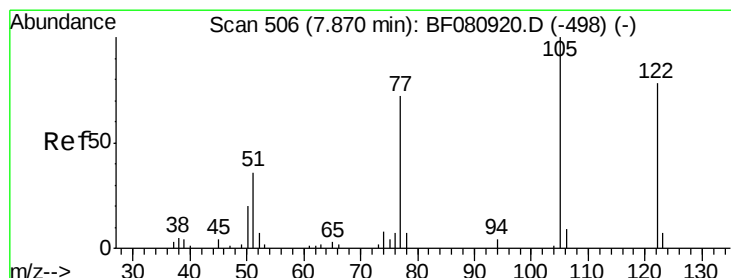
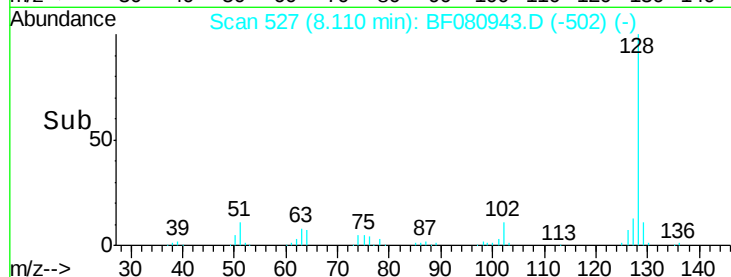
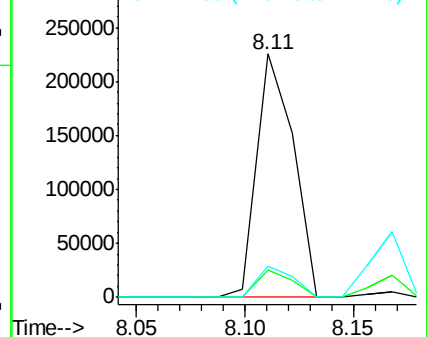
Tot Ion:	128	Resp:	264148
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	12.9	10.5	15.7

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



#32

Benzoic acid

Concen: 26.73 ng

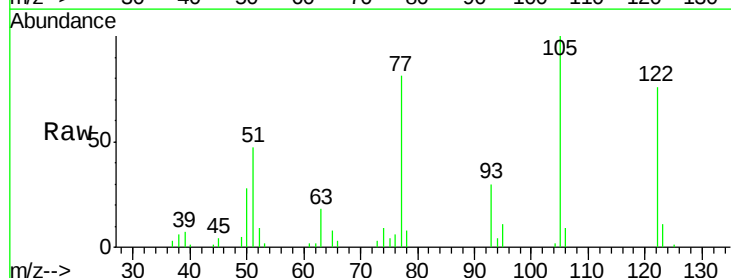
RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

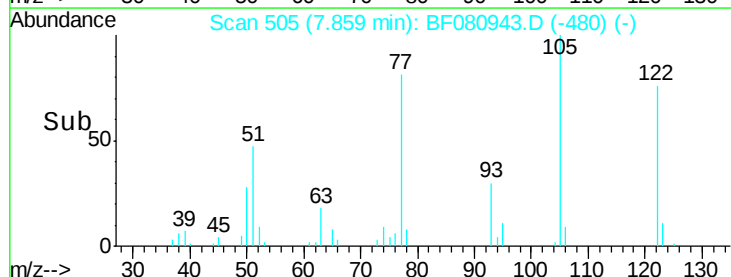
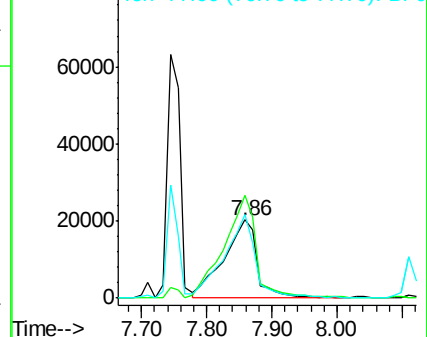
Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:	122	Resp:	71936
Ion Ratio	Lower	Upper	
122	100		
105	131.0	103.6	143.6
77	106.7	70.4	110.4



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





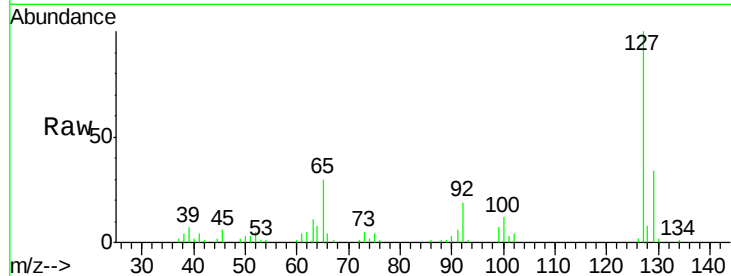
#33
4-Chloroaniline
Concen: 11.18 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

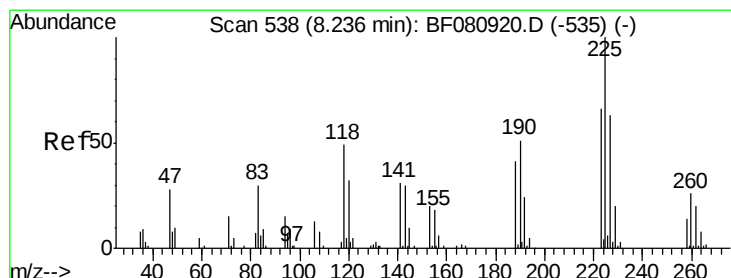
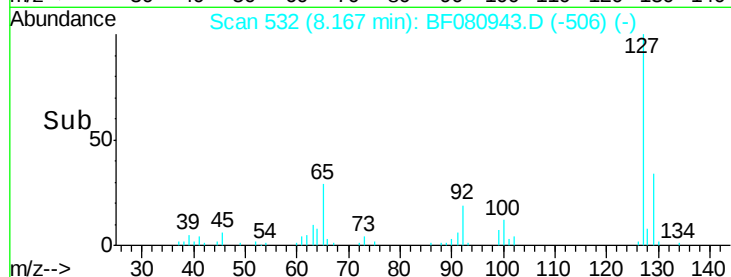
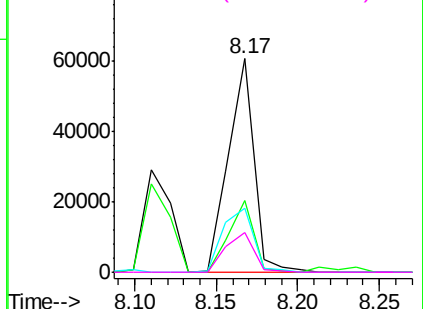
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.8	25.9	38.9		
65	30.1	30.6	45.8		
92	18.9	16.9	25.3		

Manual Integrations
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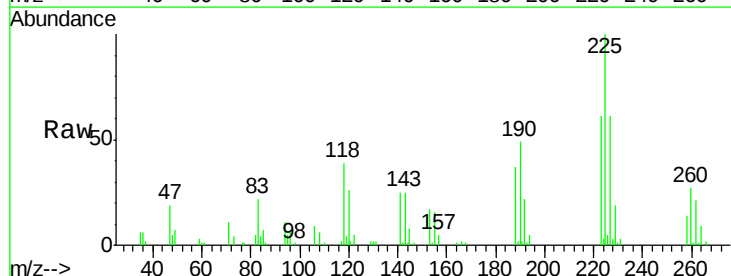


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

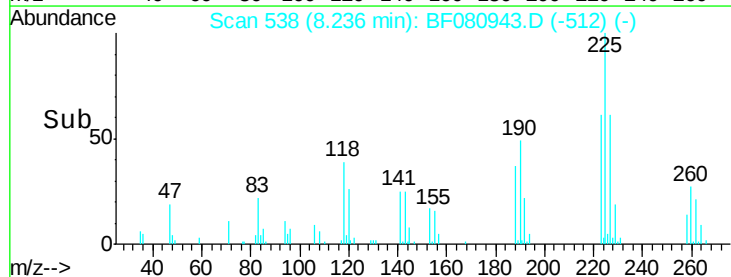
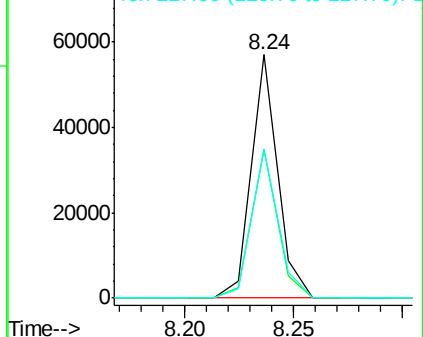


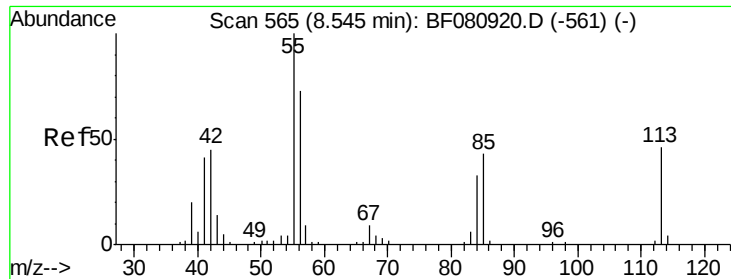
#34
Hexachlorobutadiene
Concen: 19.93 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	52.5	78.7		
227	61.4	50.3	75.5		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





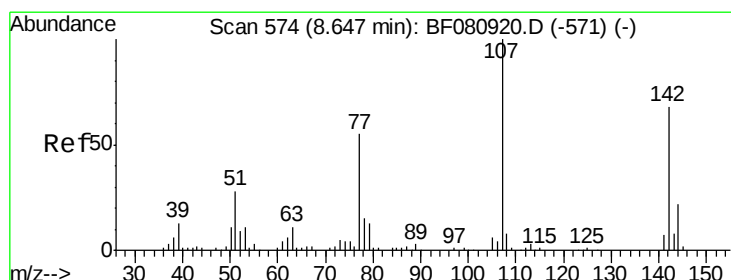
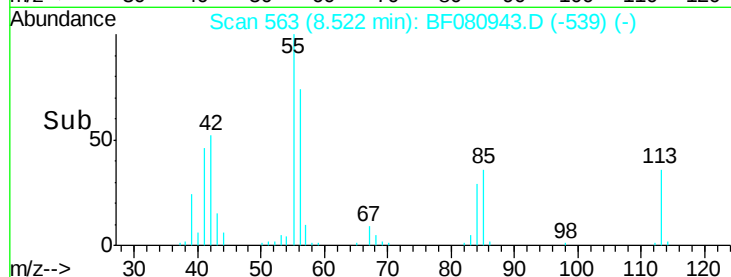
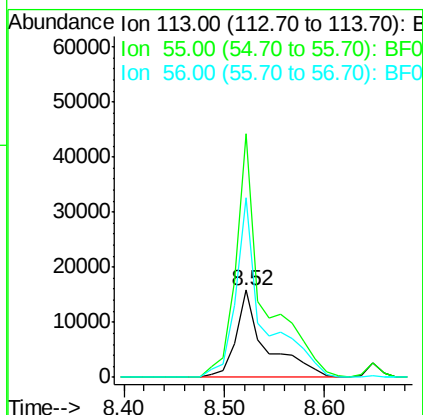
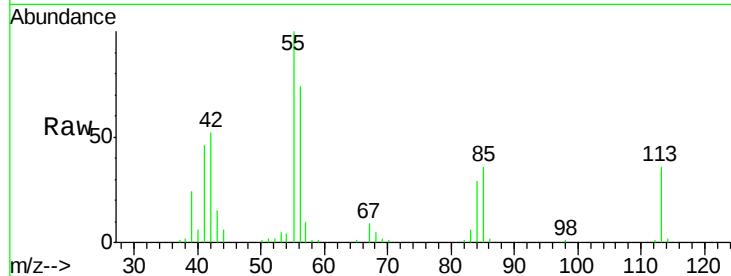
#35
 Caprolactam
 Concen: 24.48 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	280.2	196.4	236.4#
56	207.5	137.9	177.9#

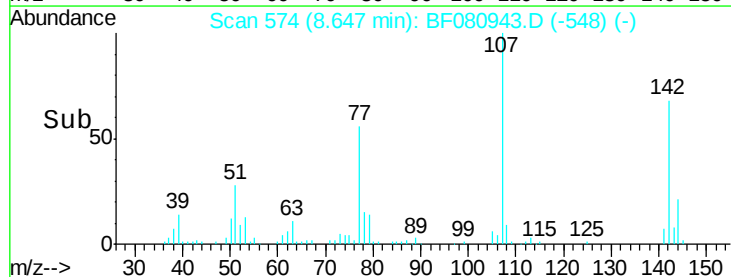
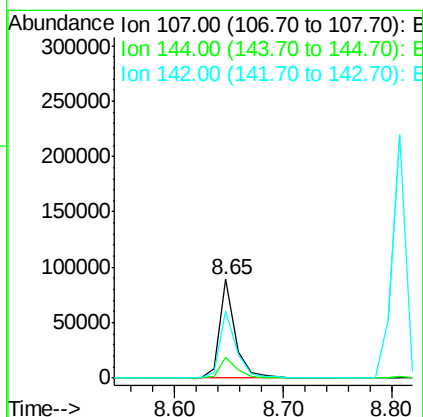
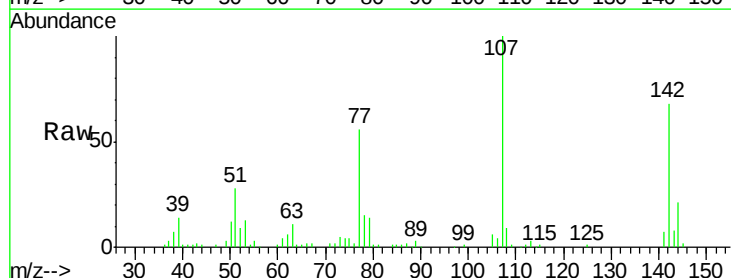
Manual Integrations
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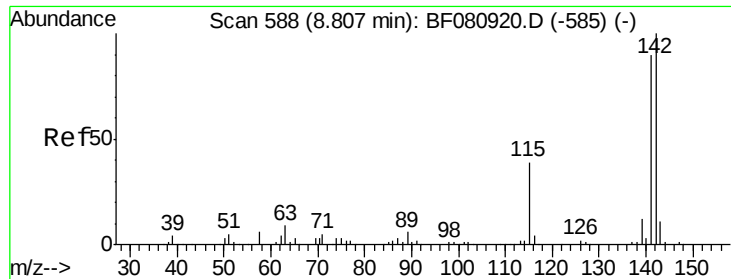
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#36
 4-Chloro-3-methylphenol
 Concen: 20.19 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	17.3	25.9
142	67.9	54.4	81.6





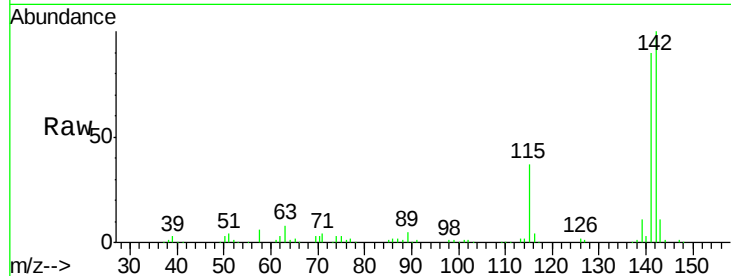
#37
2-Methylnaphthalene
Concen: 20.80 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

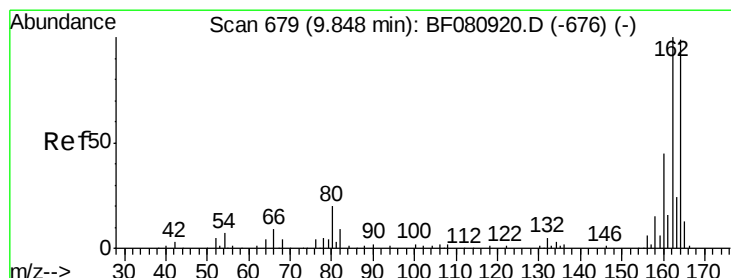
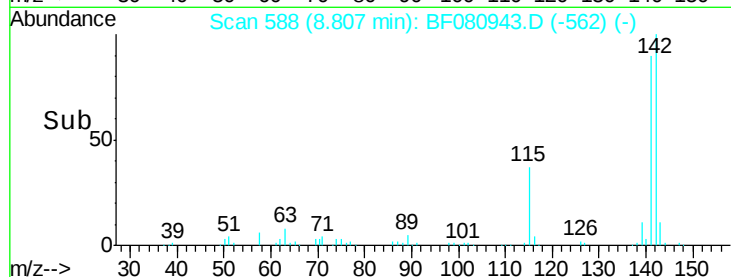
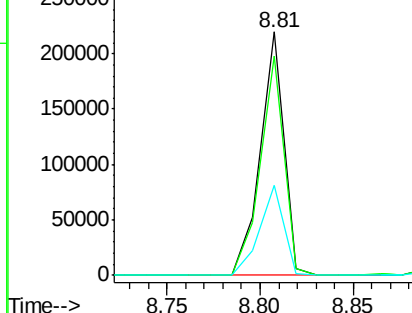
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.7	107.5
115	36.7	30.9	46.3

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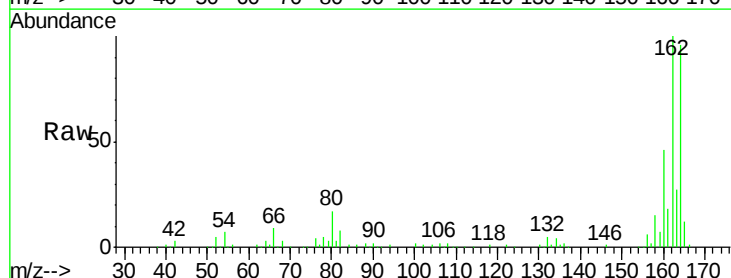


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

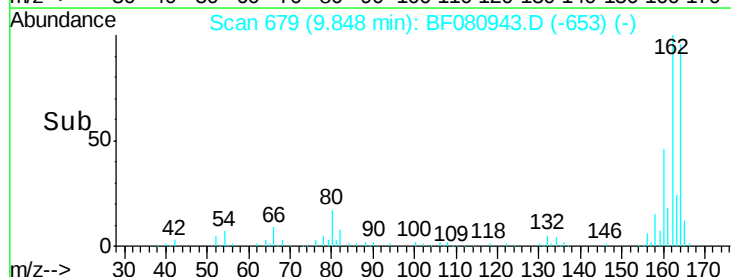
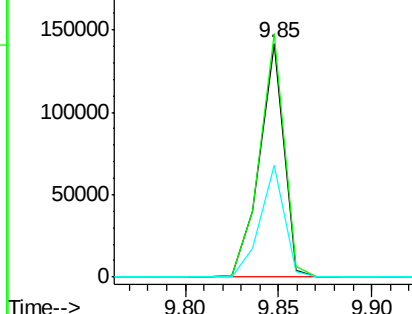


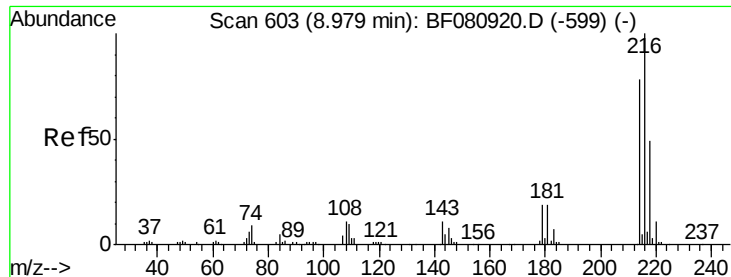
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.5	120.7
160	47.7	36.6	54.8



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





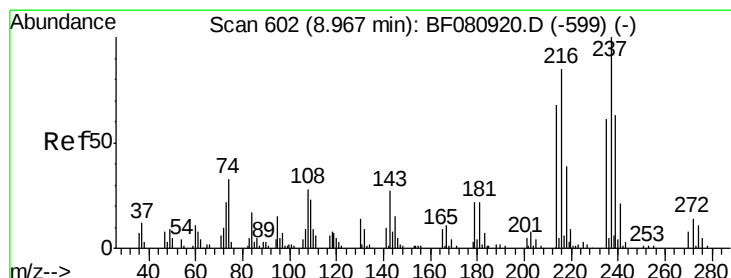
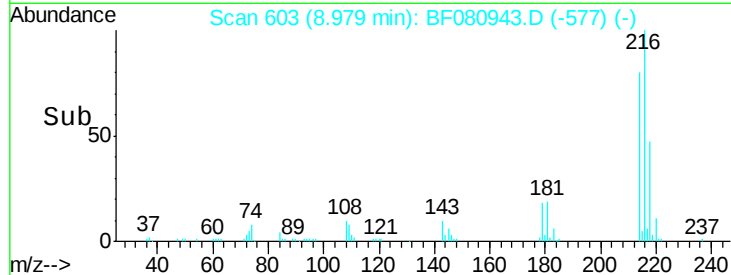
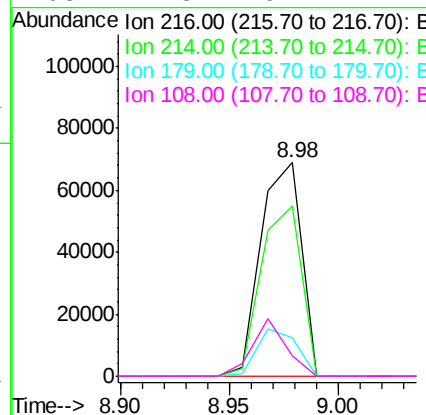
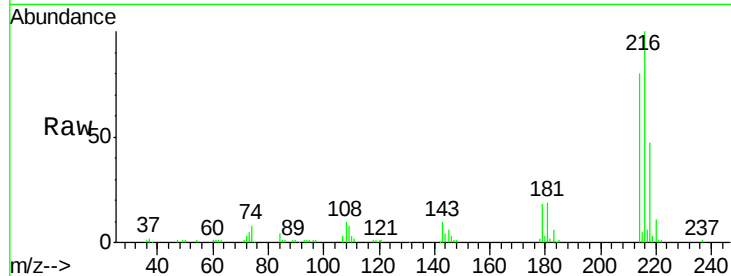
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.89 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampled :
 PB84907BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5	63.0	94.4		
179	21.7	17.2	25.8		
108	22.3	16.1	24.1		

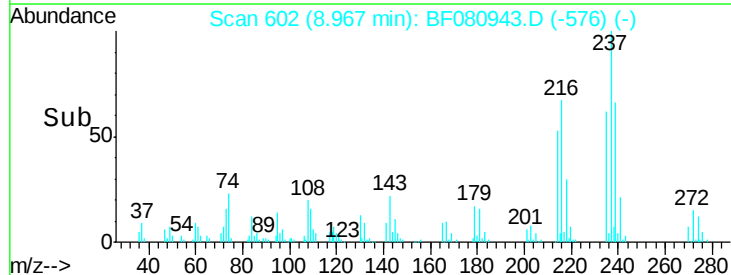
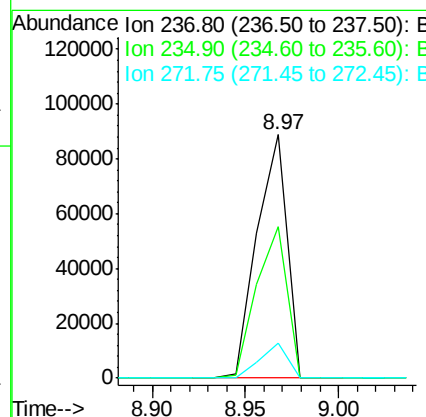
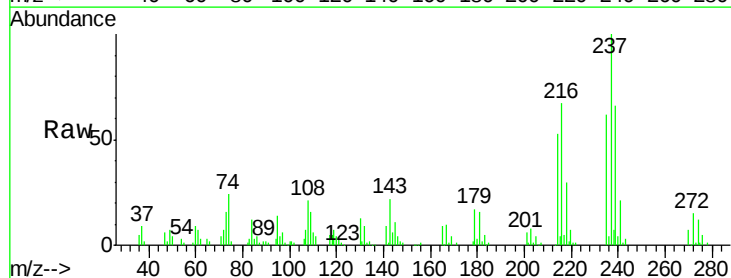
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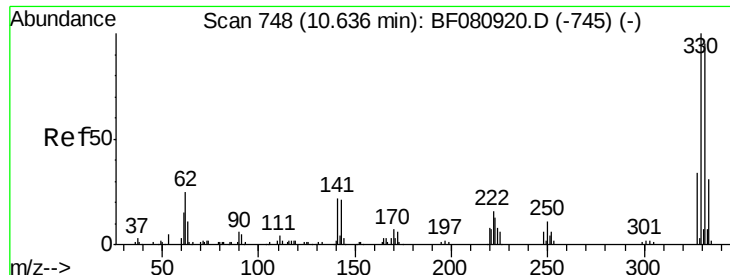
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#40
 Hexachlorocyclopentadiene
 Concen: 45.89 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.1	41.3	81.3		
272	14.5	0.0	33.6		





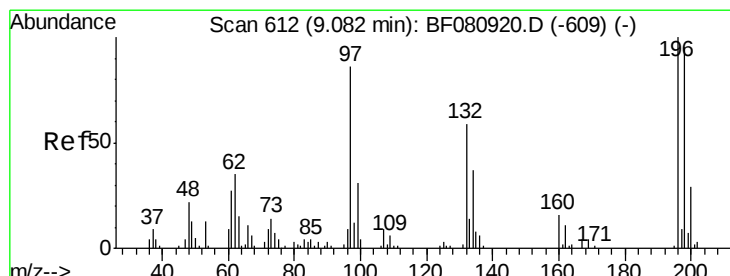
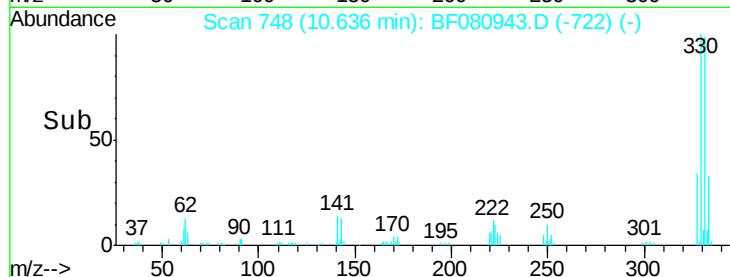
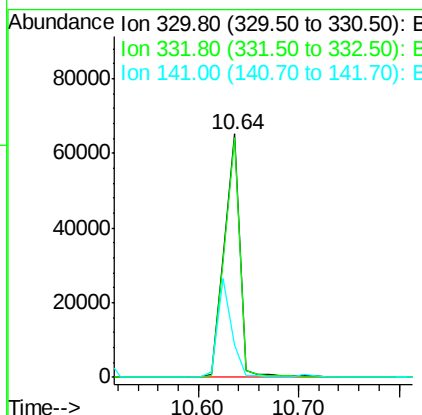
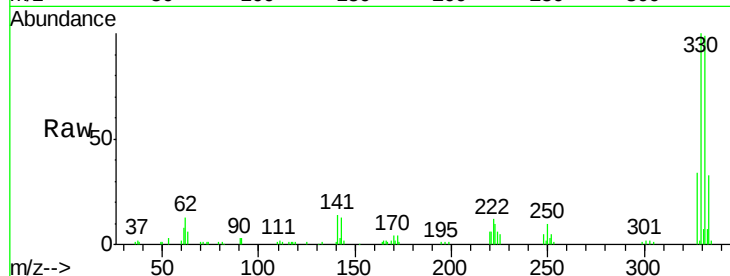
#41
 2,4,6-Tribromophenol
 Concen: 50.24 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	70639		
332	97.0		76.2	114.4
141	36.8		27.8	41.8

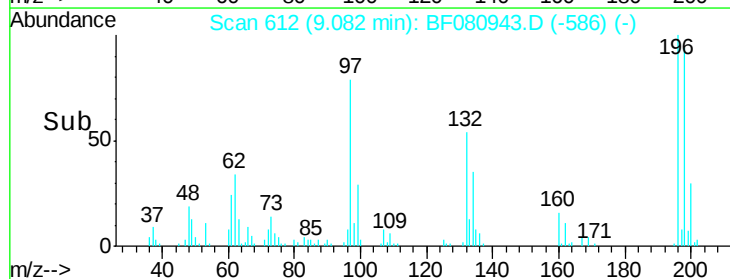
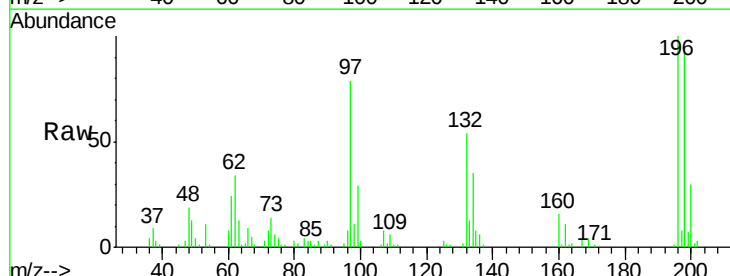
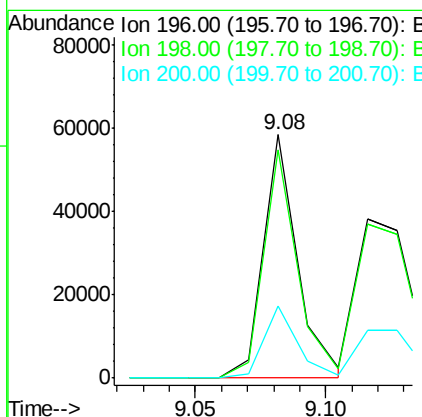
Manual Integrations
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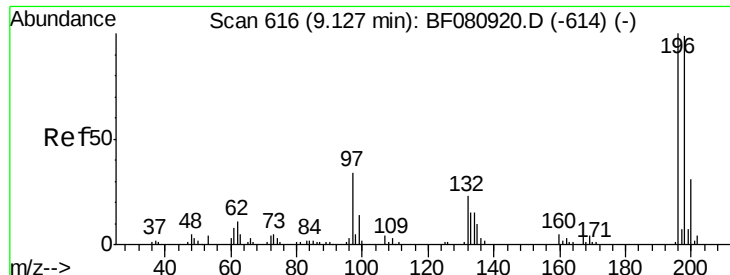
MMDadoda
 8/10/2015 7:20:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 18.48 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53442		
198	93.8		75.9	113.9
200	29.6		23.1	34.7





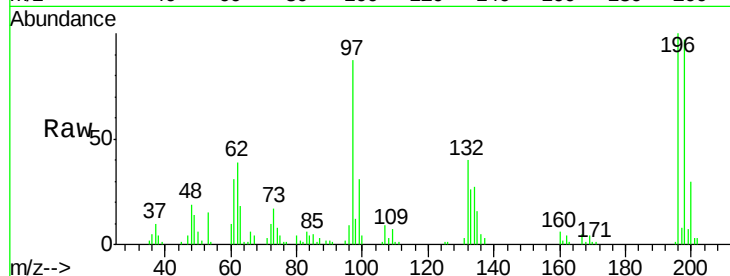
#43
 2,4,5-Trichlorophenol
 Concen: 19.66 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

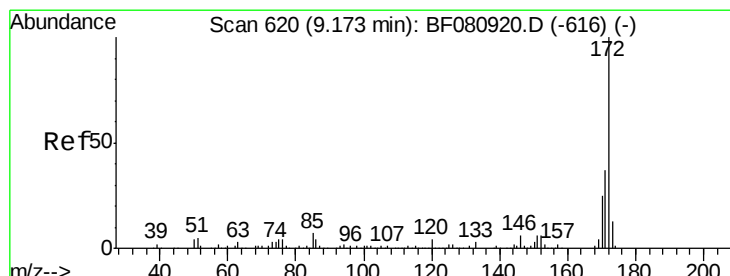
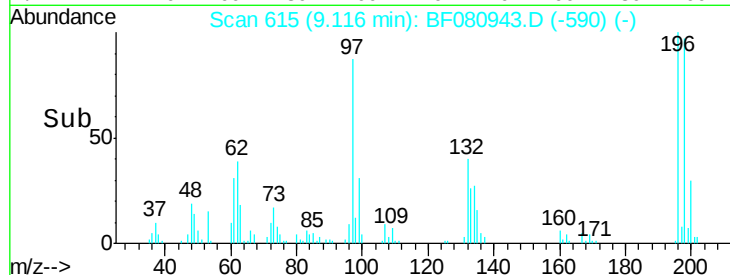
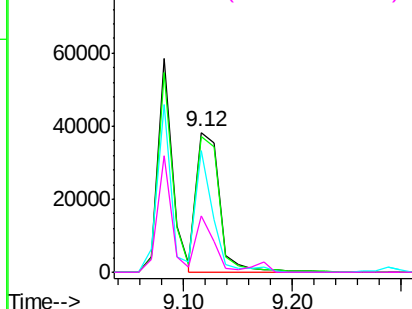
Tot Ion	Ratio	Resp	Lower	Upper
196	100	57293		
198	96.8	78.9	118.3	
97	87.1	29.1	43.7#	
132	40.0	19.1	28.7#	

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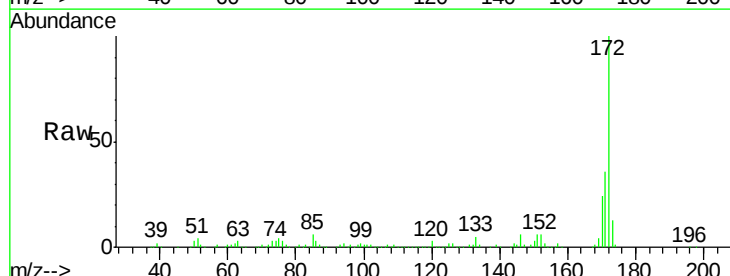


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

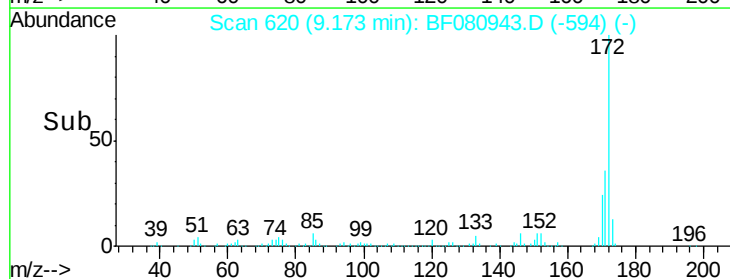
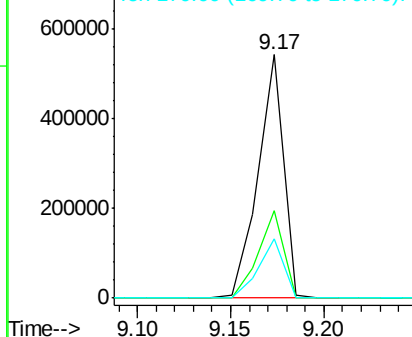


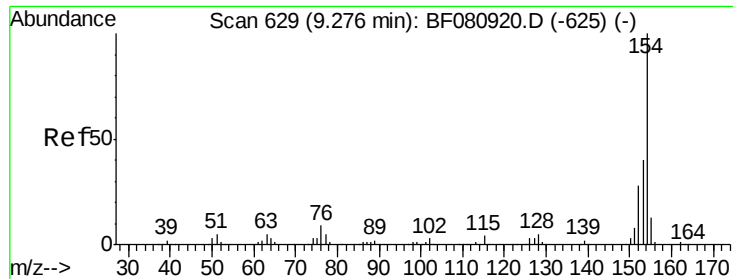
#44
 2-Fluorobiphenyl
 Concen: 55.96 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	508738		
171	36.0	29.4	44.0	
170	24.3	19.7	29.5	



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





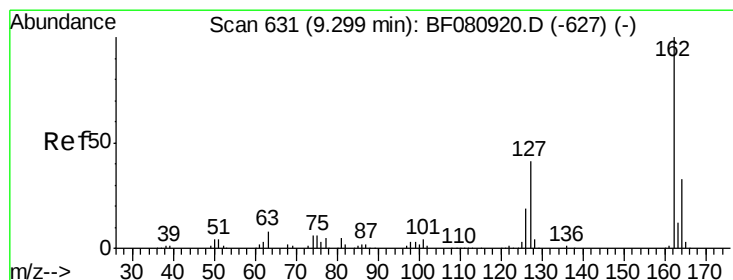
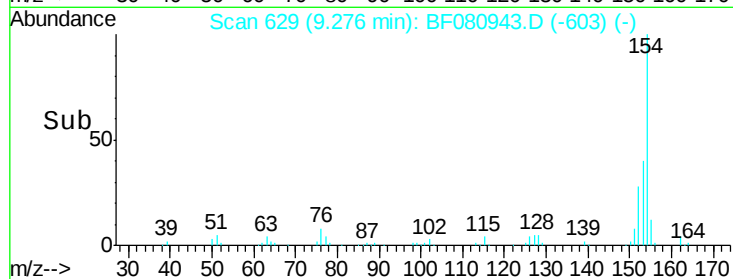
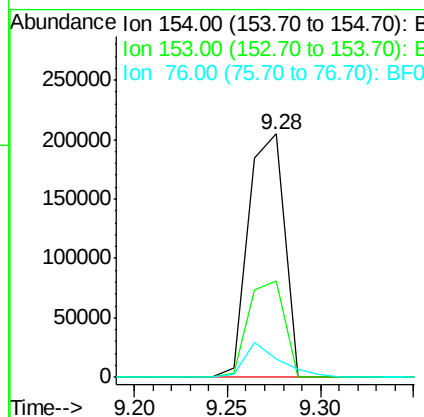
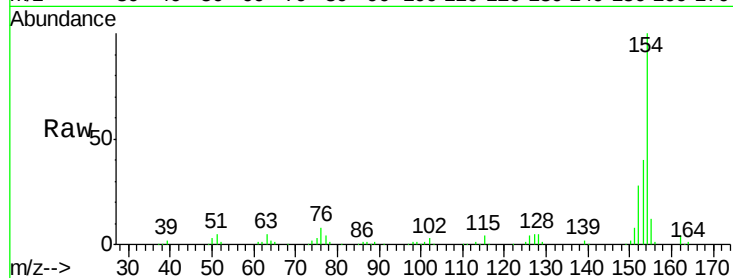
#45
1,1'-Biphenyl
Concen: 24.87 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampled :
PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	273196		
153	39.8	20.1	60.1	
76	7.5	0.0	29.3	

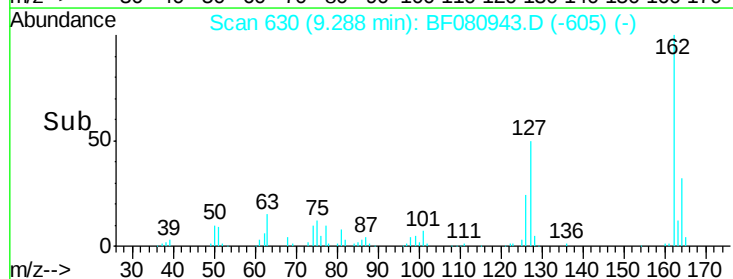
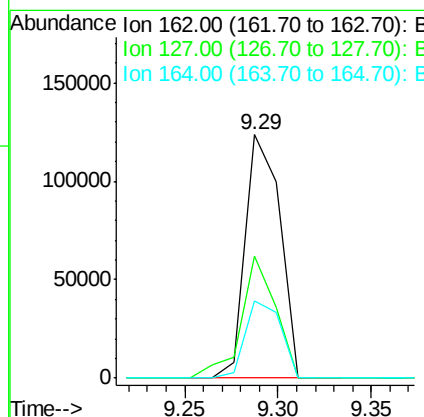
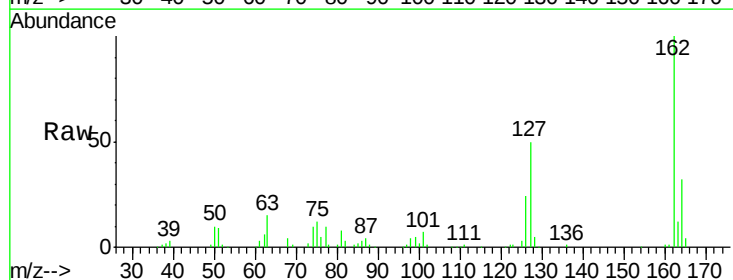
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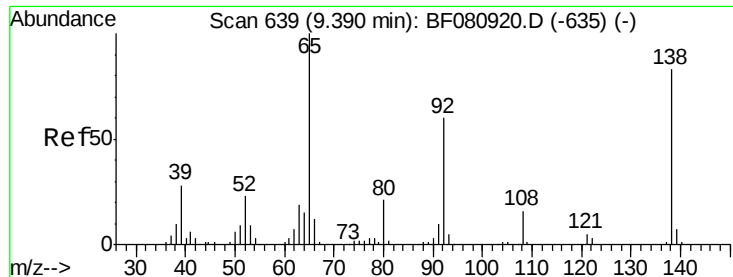
MMDadoda
8/10/2015 7:20:12 PM



#46
2-Chloronaphthalene
Concen: 18.55 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	158870		
127	50.1	32.5	48.7#	
164	31.5	26.2	39.4	





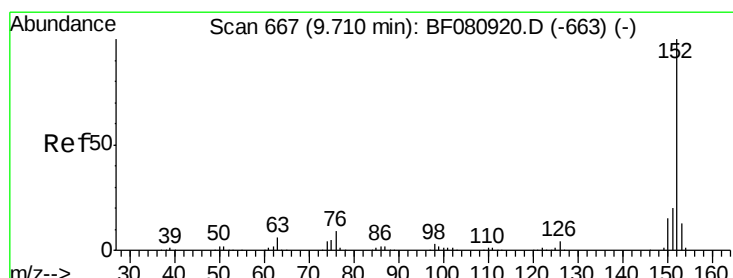
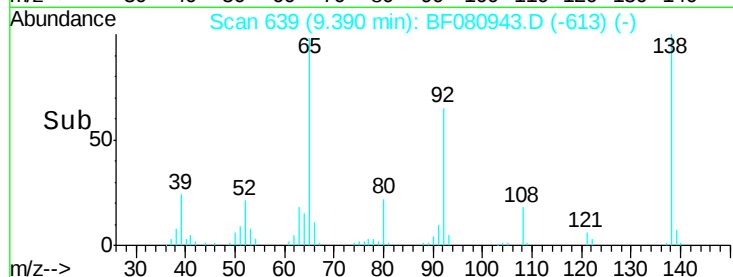
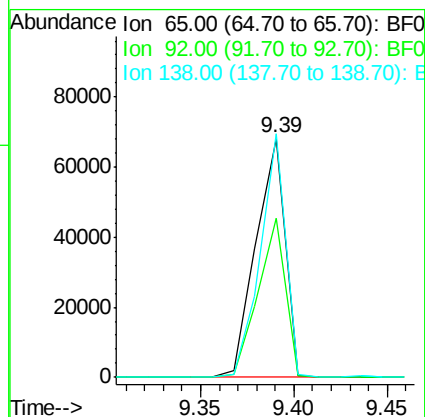
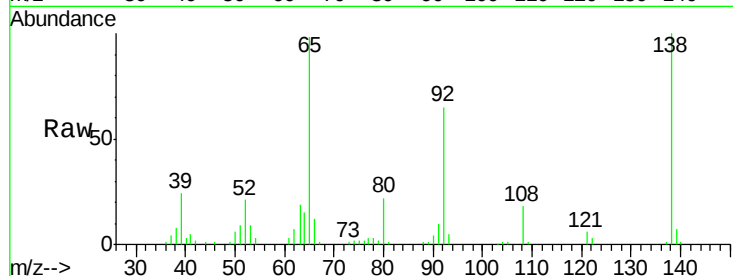
#47
2-Nitroaniline
Concen: 21.48 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.4	48.0	72.0
138	101.9	66.1	99.1

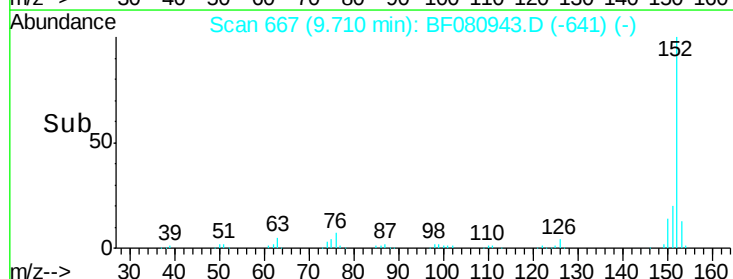
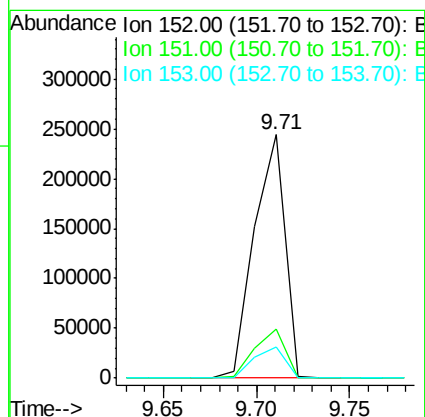
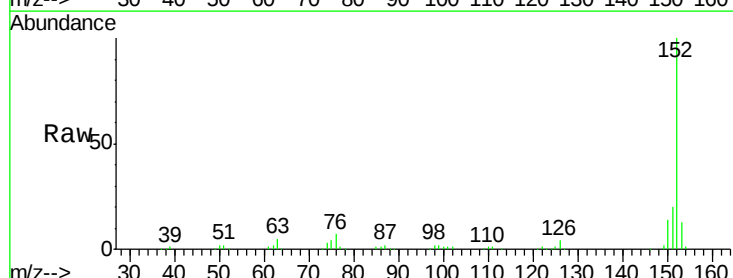
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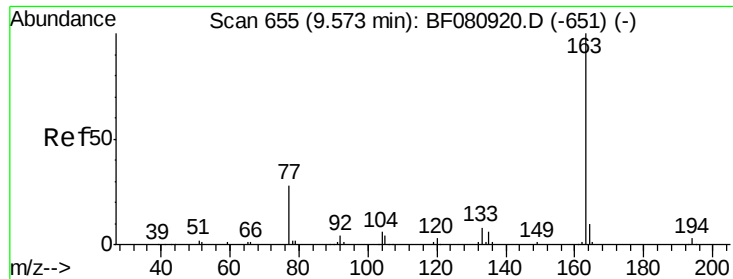
MMDadoda
8/10/2015 7:20:12 PM



#48
Acenaphthylene
Concen: 18.65 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.7	10.5	15.7





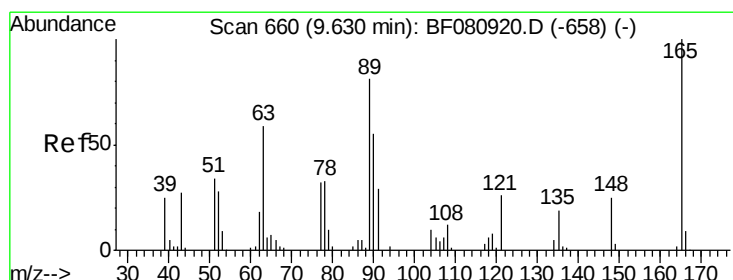
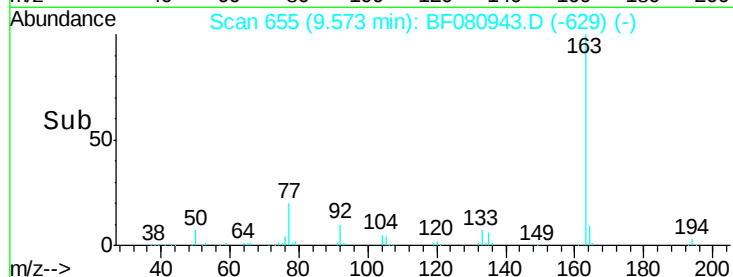
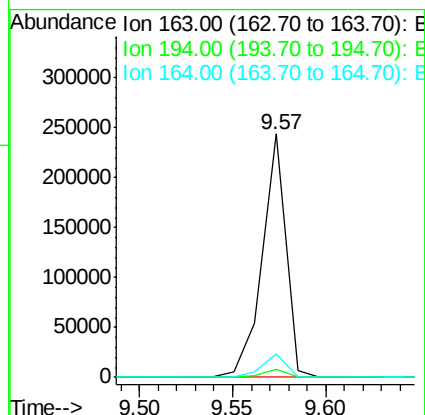
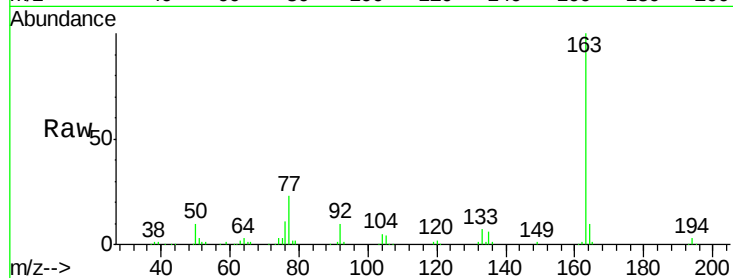
#49
Dimethylphthalate
Concen: 19.97 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.4	3.6
164	9.7	8.2	12.4

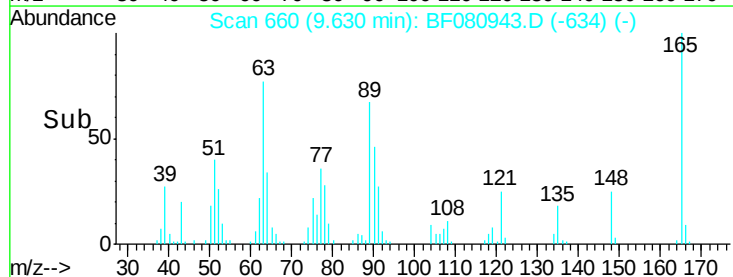
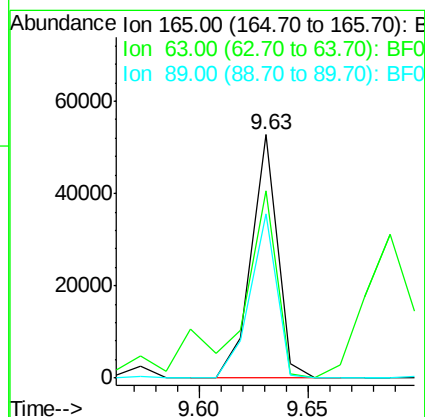
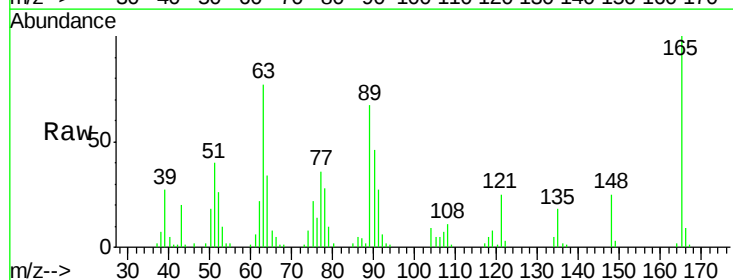
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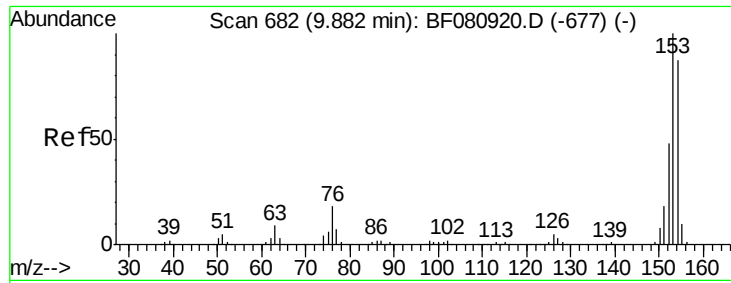
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#50
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	77.0	77.6	116.4#
89	67.3	64.5	96.7





#51

Acenaphthene

Concen: 22.96 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

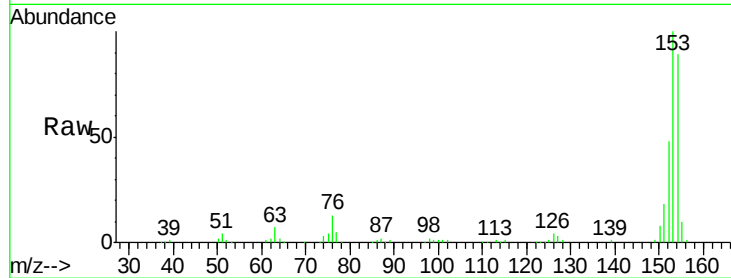
ClientSampleId :

PB84907BS

Tot Ion:	154	Resp:	209311
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.4	137.2
152	53.4	44.2	66.4

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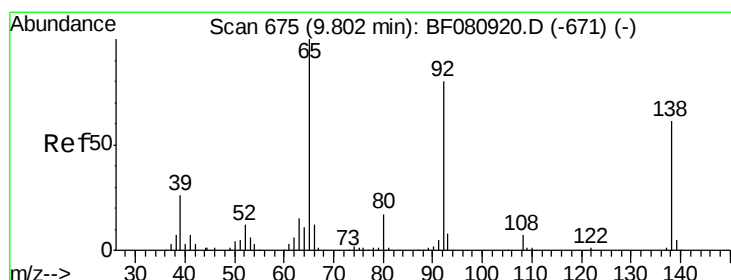
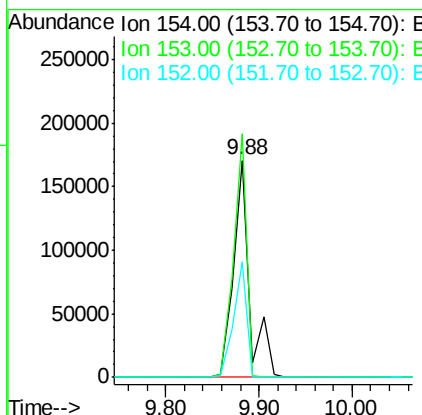
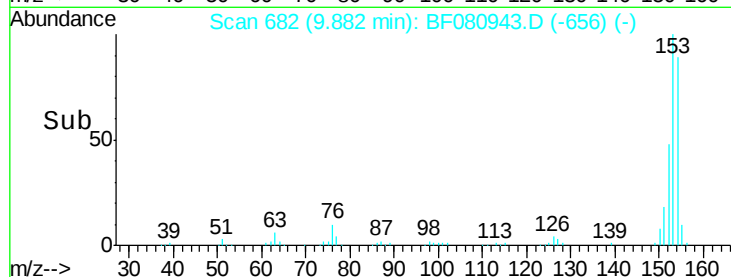
MMDadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.45 ng

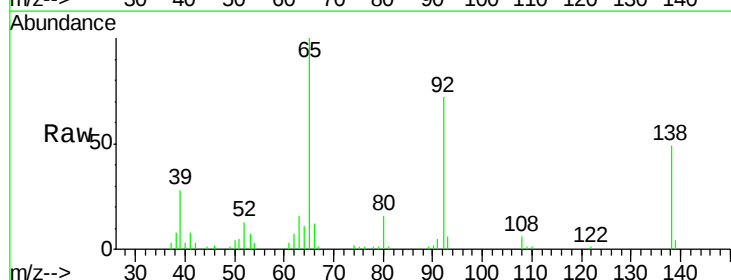
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

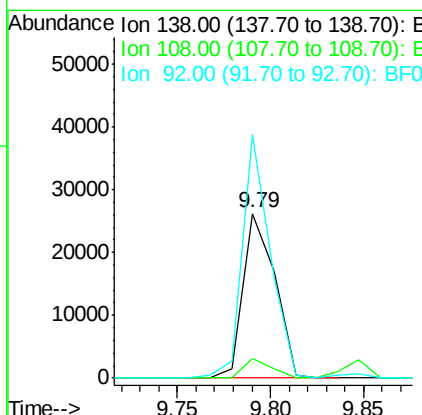
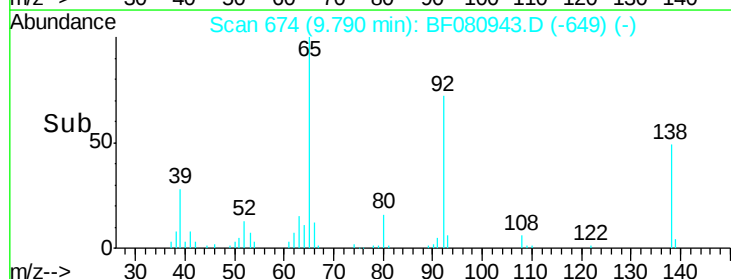
Tgt Ion:	138	Resp:	31006
Ion Ratio	Lower	Upper	
138	100		
108	12.3	8.7	13.1
92	147.9	104.4	156.6

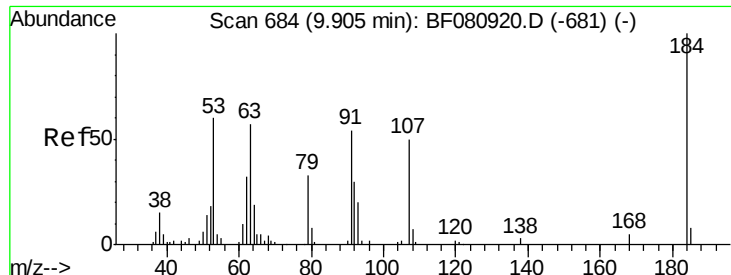


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





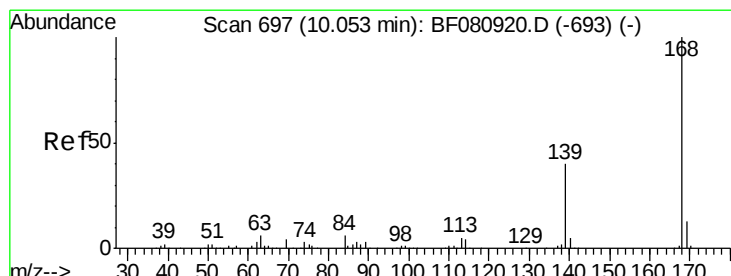
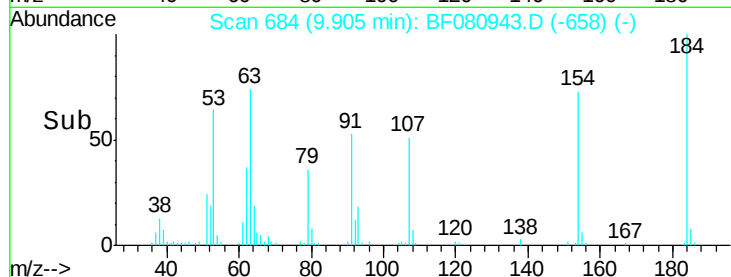
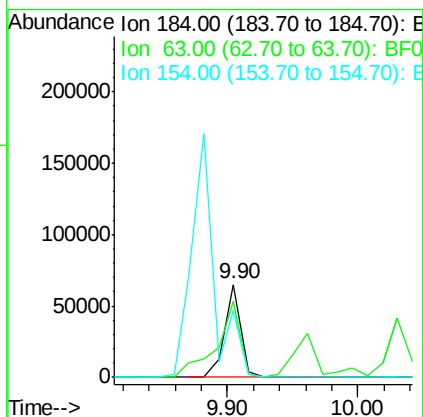
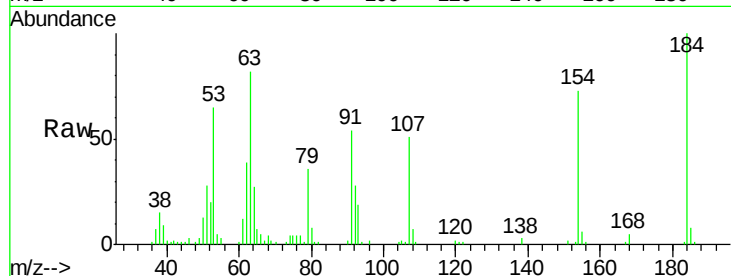
#53
 2,4-Dinitrophenol
 Concen: 45.58 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	57000		
63	82.4	59.7	89.5	
154	72.7	53.8	80.8	

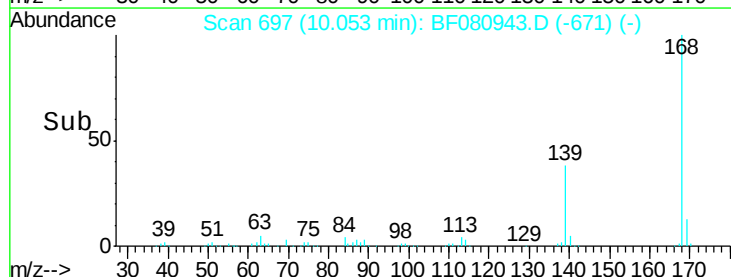
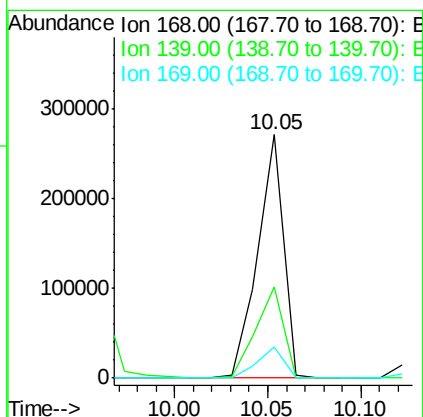
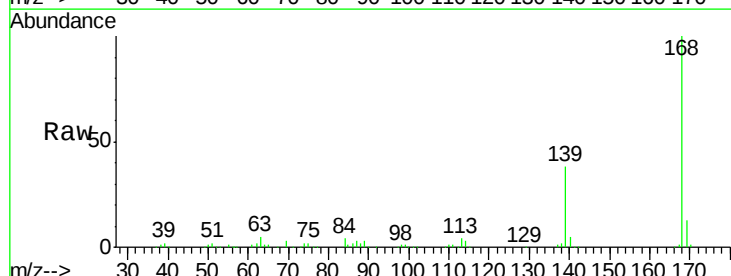
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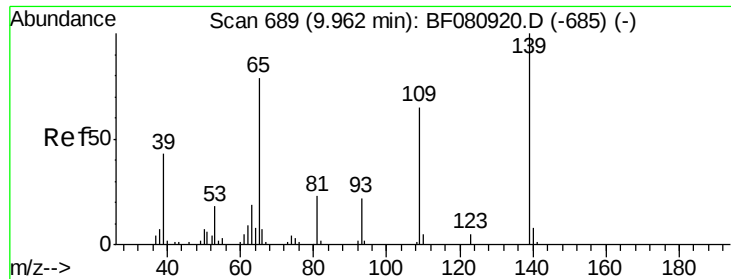
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#54
 Dibenzofuran
 Concen: 20.92 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	257892		
139	37.7	31.9	47.9	
169	12.6	10.6	15.8	





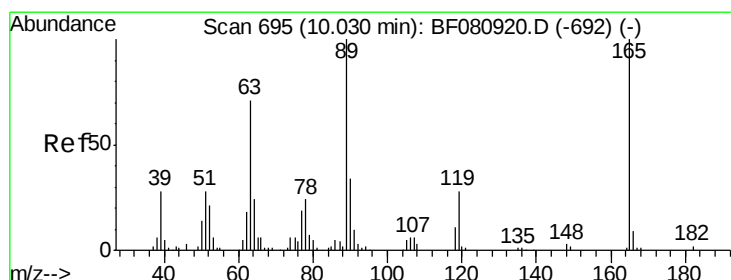
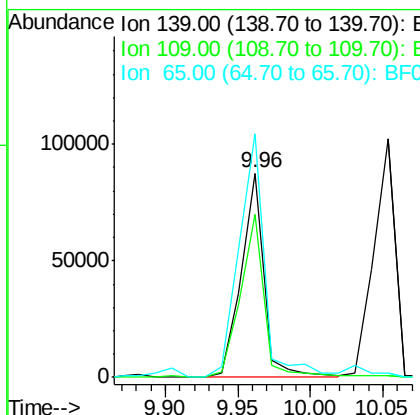
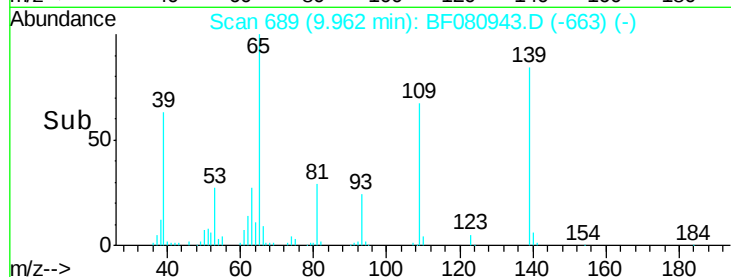
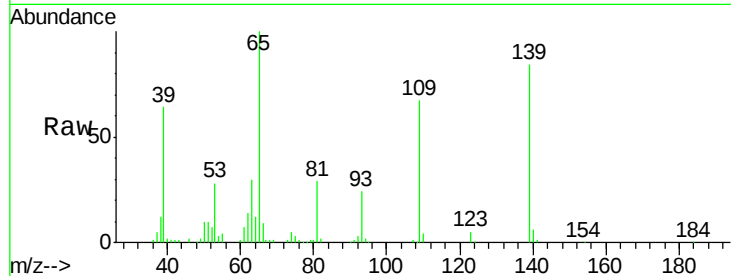
#55
4-Nitrophenol
Concen: 47.43 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.8	44.7	84.7	
65	119.3	59.5	99.5	

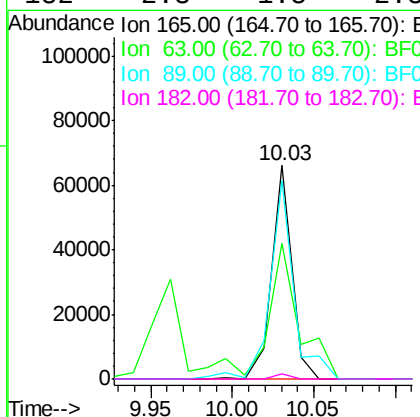
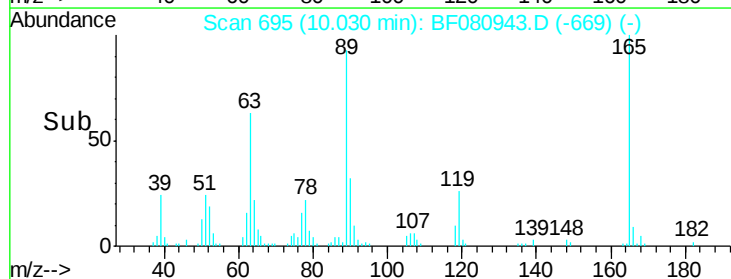
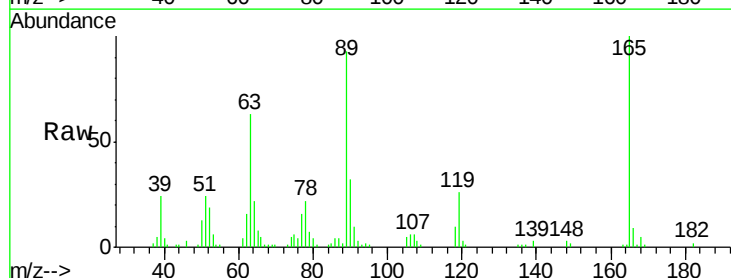
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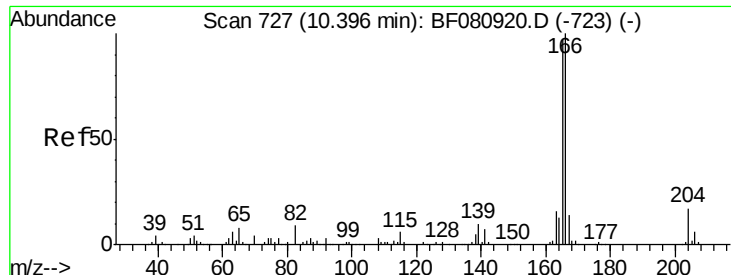
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#56
2,4-Dinitrotoluene
Concen: 19.38 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.4	56.7	85.1	
89	93.0	80.4	120.6	
182	2.3	1.5	2.3	





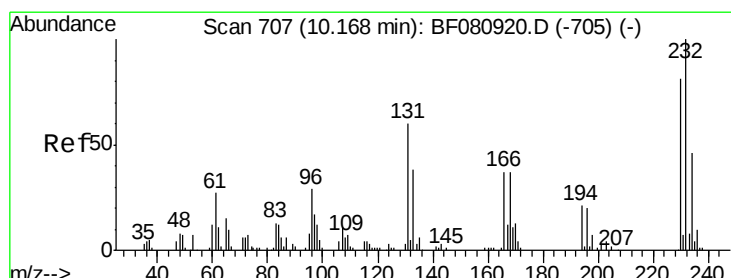
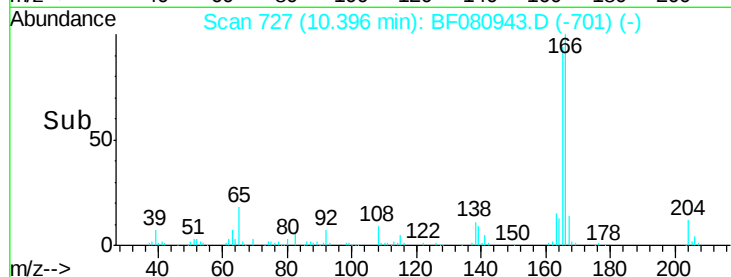
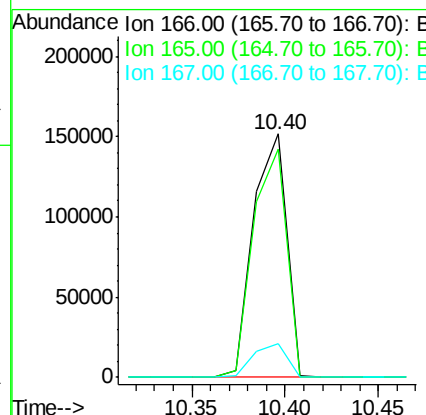
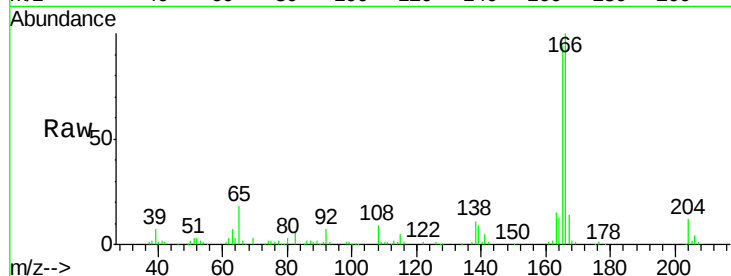
#57
Fluorene
 Concen: 19.57 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	186660		
165	93.8	77.2	115.8	
167	13.7	10.8	16.2	

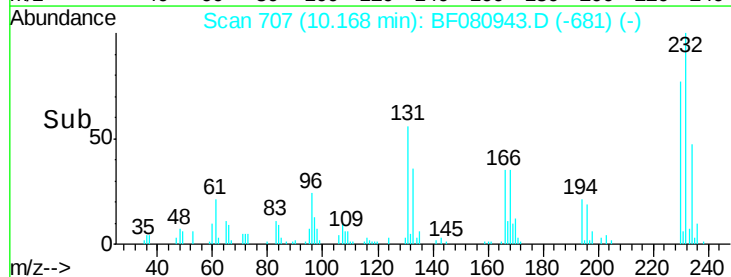
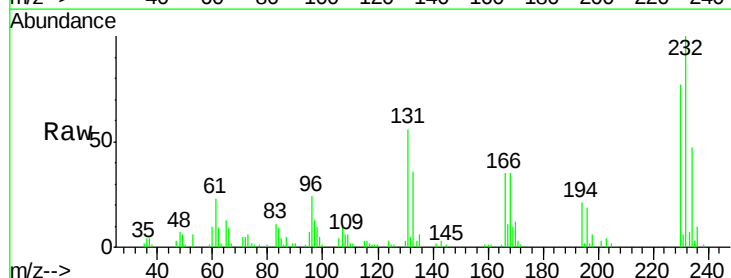
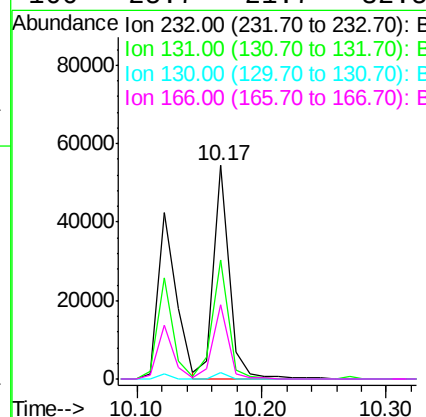
Manual Integrations
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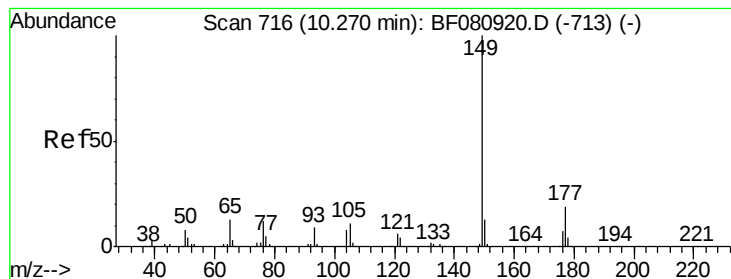
MMDadoda
 8/10/2015 7:20:12 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 20.77 ng m
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	47891		
131	47.1	39.4	59.2	
130	1.9	2.1	3.1#	
166	25.7	21.7	32.5	





#59

Diethylphthalate

Concen: 19.30 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

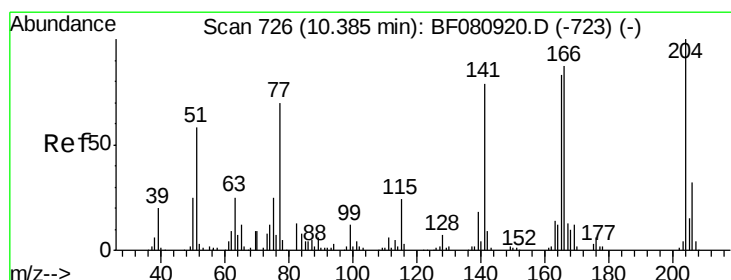
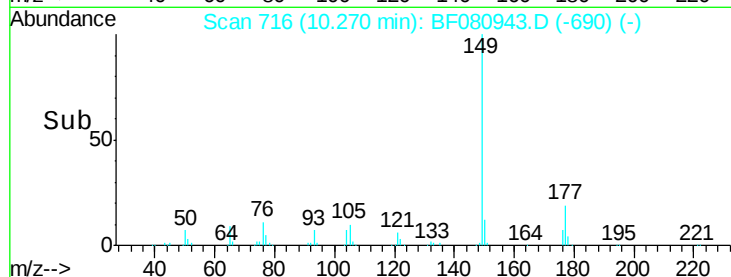
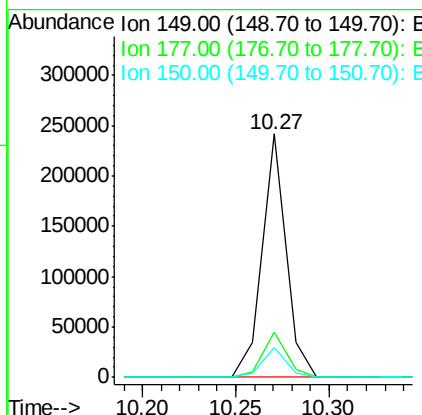
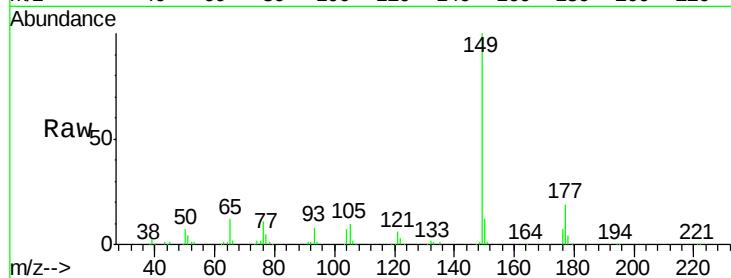
ClientSampleId :

PB84907BS

Tot Ion:	149	Resp:	213572
Ion Ratio	Lower	Upper	
149	100		
177	18.8	15.0	22.4
150	12.2	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 18.10 ng

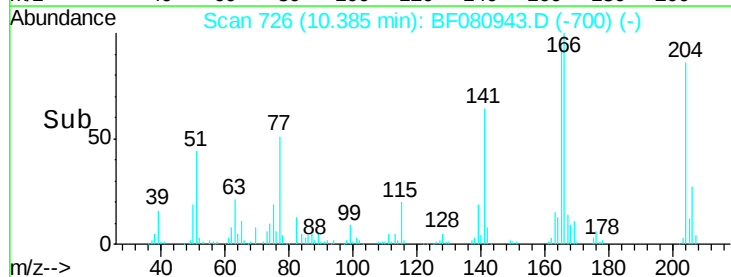
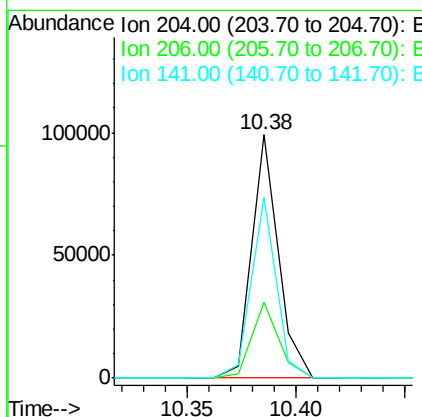
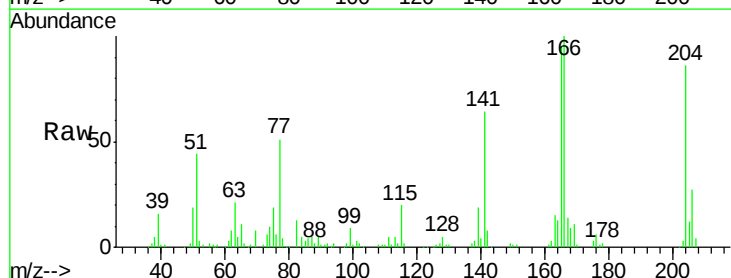
RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:	204	Resp:	84097
Ion Ratio	Lower	Upper	
204	100		
206	31.2	25.5	38.3
141	74.4	63.4	95.0





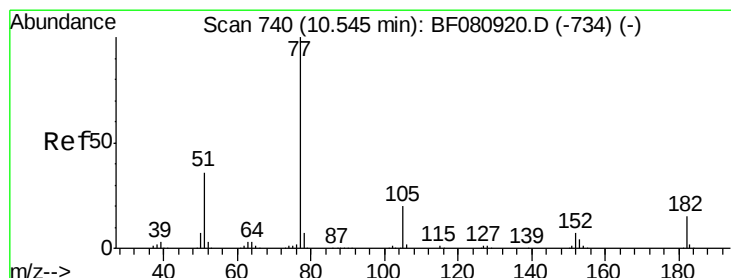
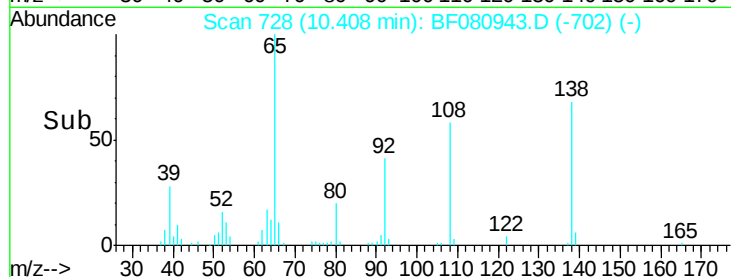
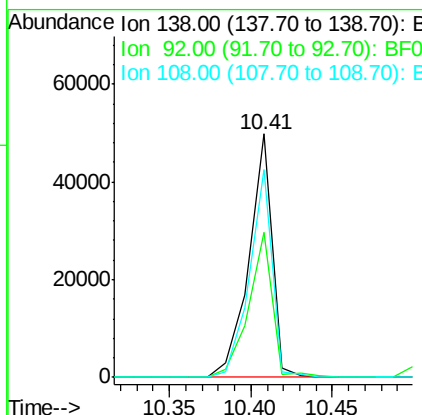
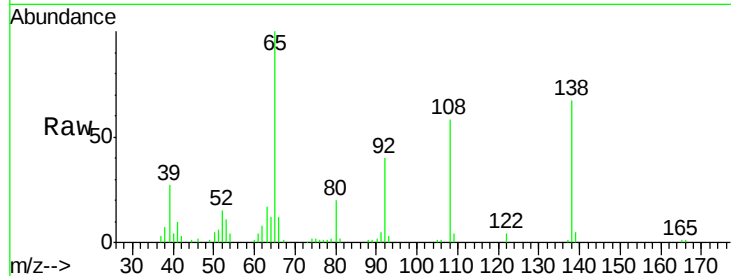
#61
4-Nitroaniline
Concen: 17.70 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.7	38.1	78.1
108	85.4	59.9	99.9

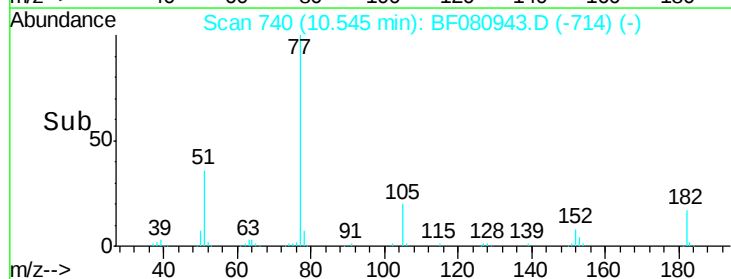
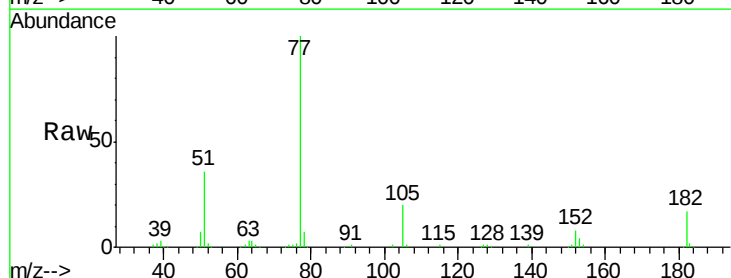
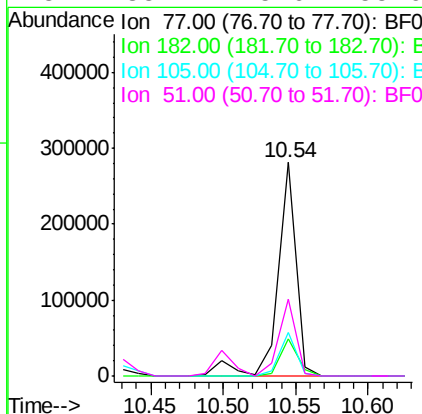
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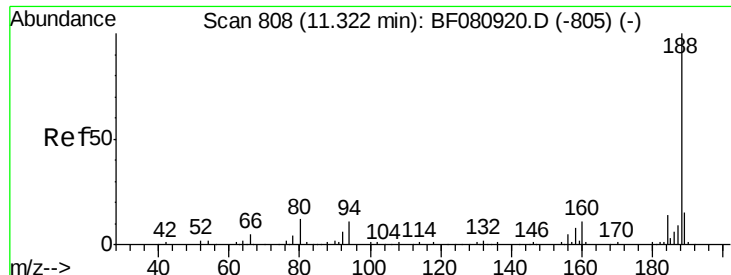
MMDadoda
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#62
Azobenzene
Concen: 20.25 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.3	0.0	35.5
105	20.4	0.5	40.5
51	35.7	15.6	55.6





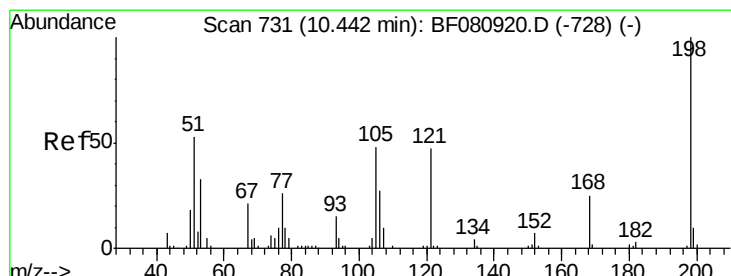
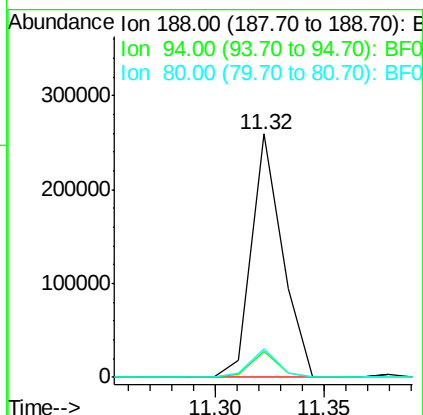
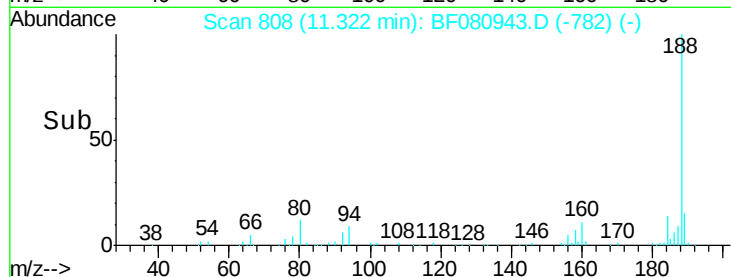
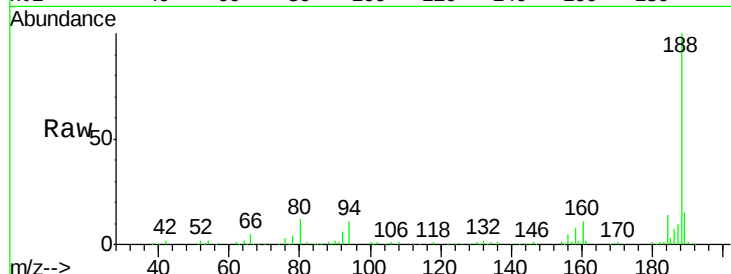
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.8	13.2
80	12.0	9.5	14.3

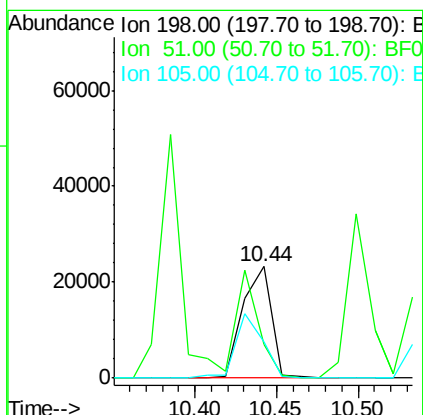
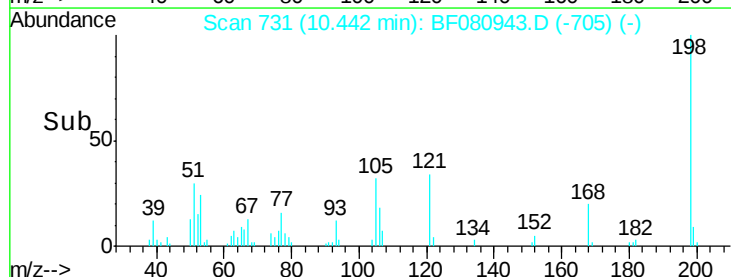
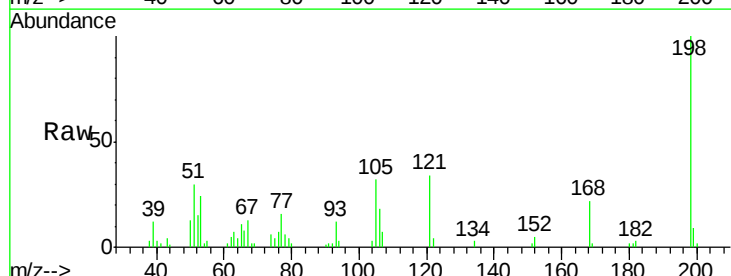
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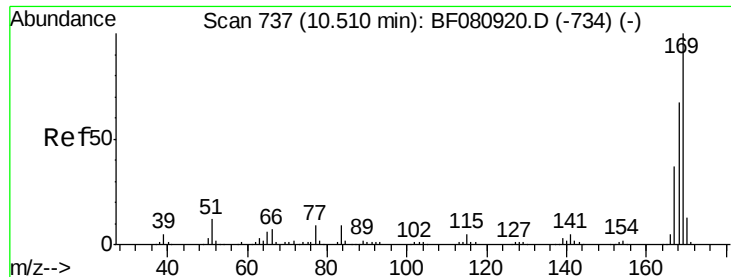
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.97 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.0	40.3	80.3#
105	32.5	29.6	69.6





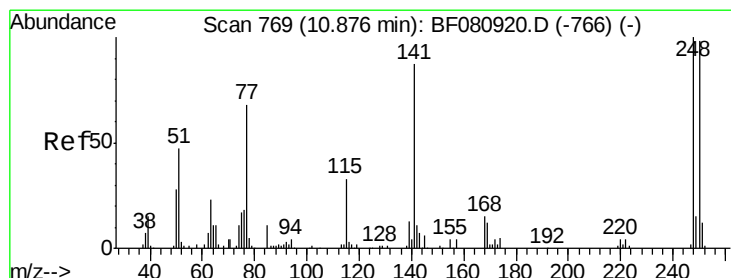
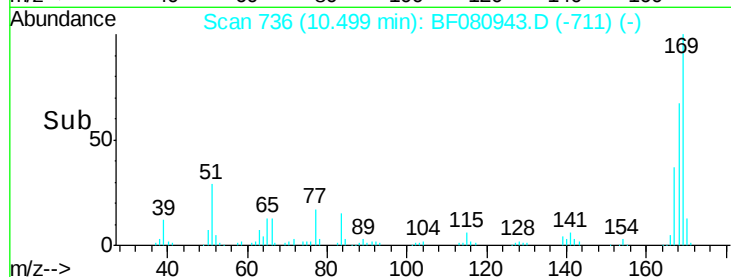
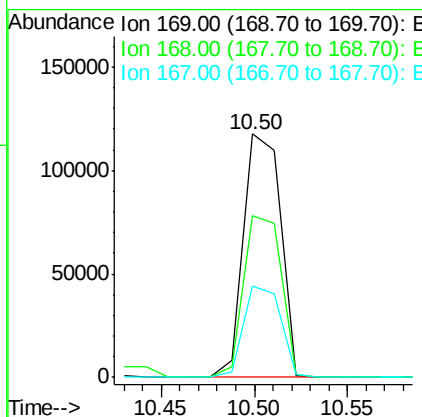
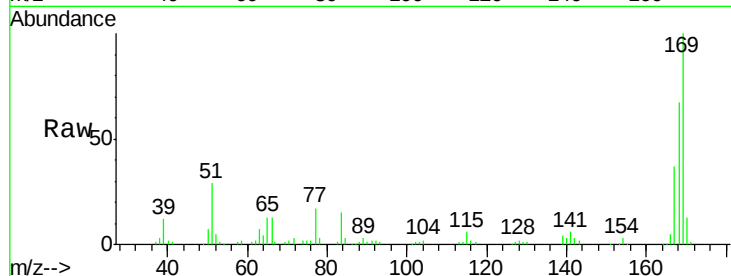
#65
 n-Nitrosodiphenylamine
 Concen: 18.23 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	161831		
168	66.5	53.7	80.5	
167	37.2	29.3	43.9	

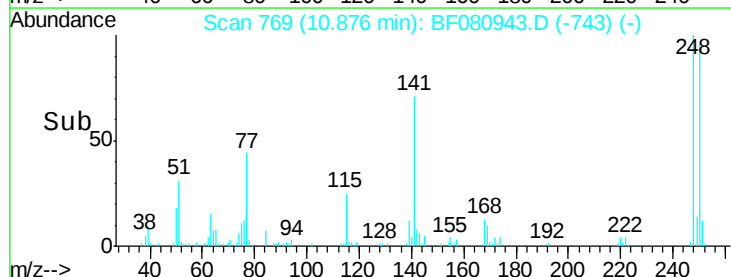
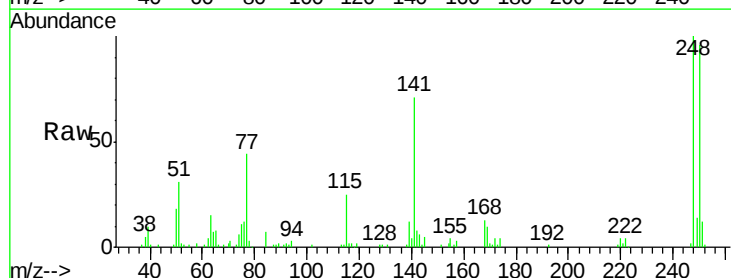
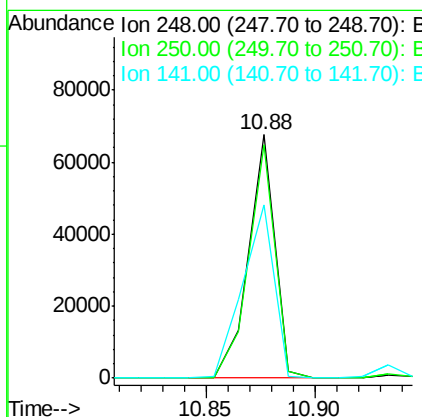
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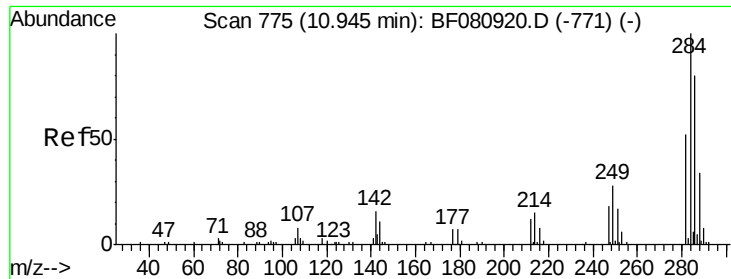
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#66
 4-Bromophenyl-phenylether
 Concen: 20.97 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	56760		
250	95.7	78.1	117.1	
141	71.3	69.6	104.4	





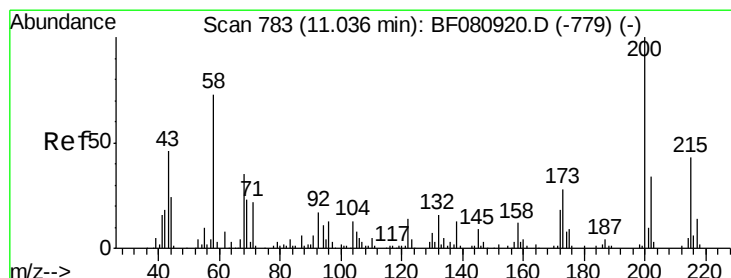
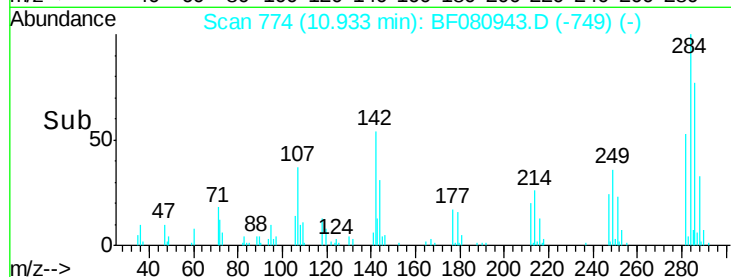
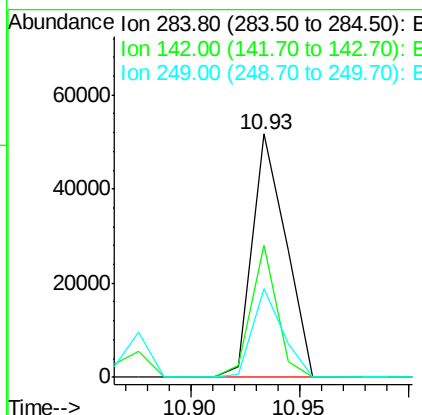
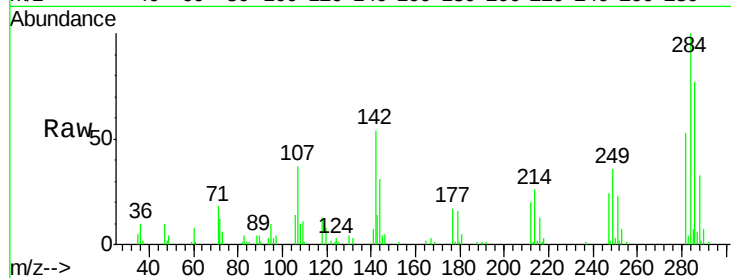
#67
Hexachlorobenzene
Concen: 18.49 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	54.2	12.8	19.2	#
249	36.2	22.5	33.7	#

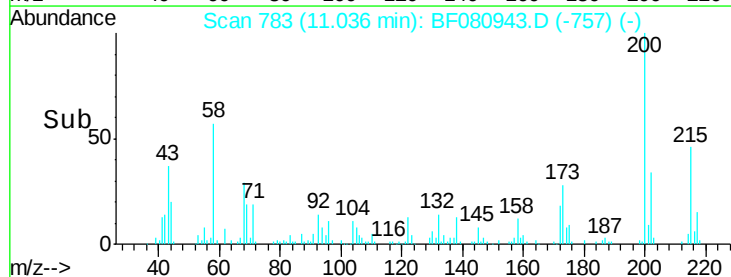
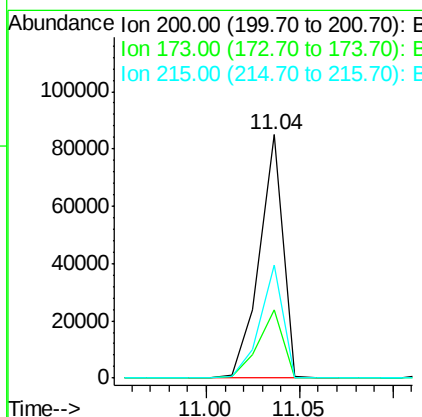
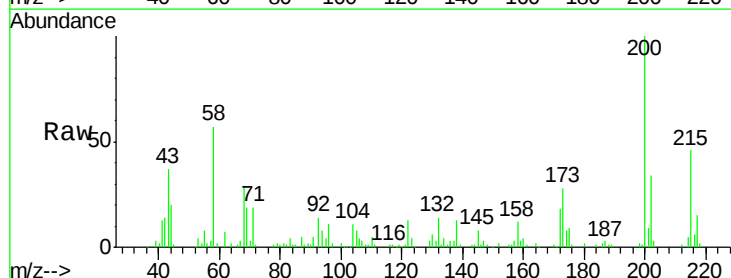
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#68
Atrazine
Concen: 29.15 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	8.4	48.4	
215	46.5	22.7	62.7	





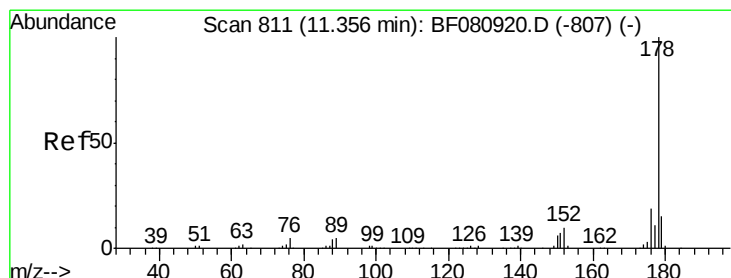
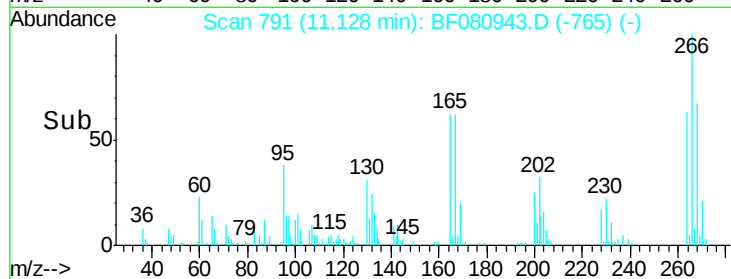
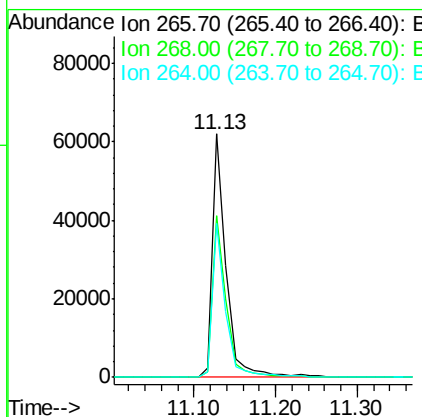
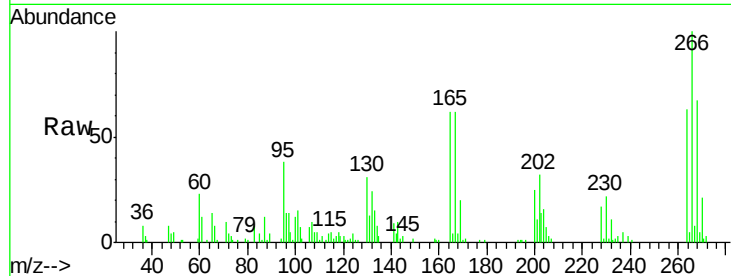
#69
 Pentachlorophenol
 Concen: 41.95 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	51.6	77.4
264	63.1	50.1	75.1

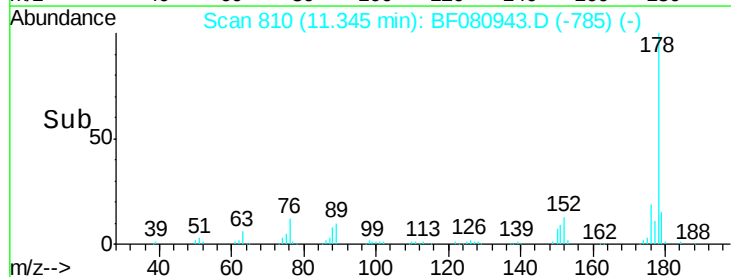
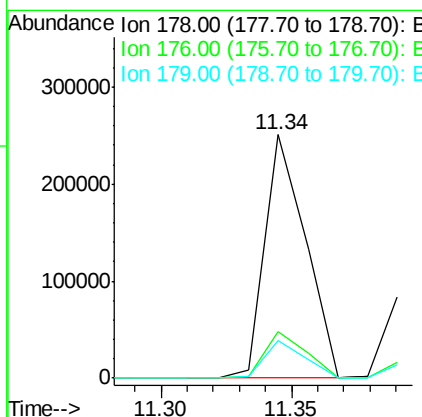
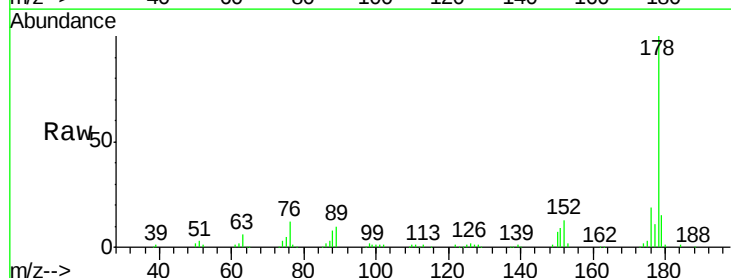
Manual Integrations
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#70
 Phenanthrene
 Concen: 18.60 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	11.9	17.9





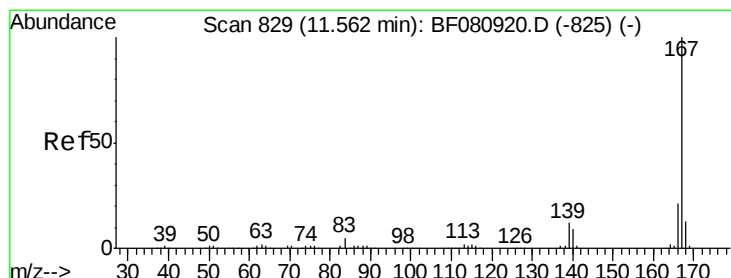
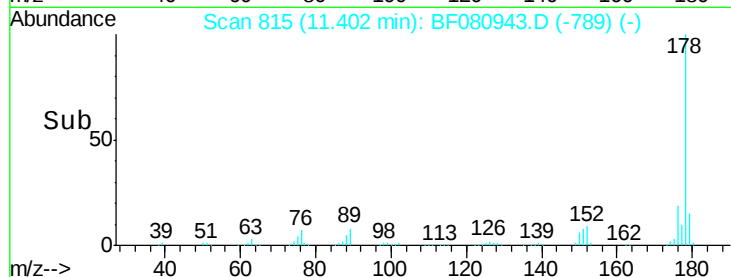
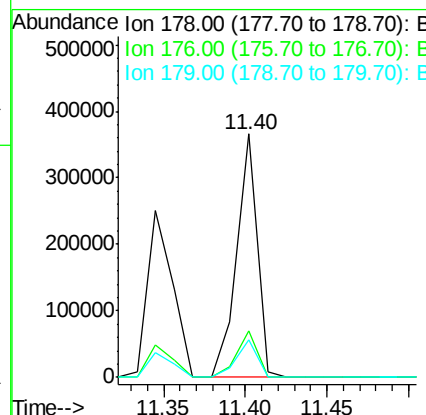
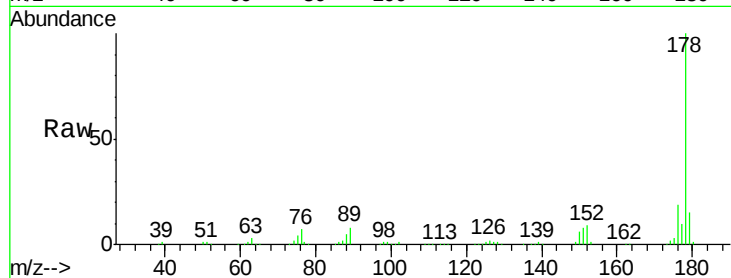
#71
 Anthracene
 Concen: 22.03 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	315679		
176	19.1		15.5	23.3
179	15.2		12.6	18.8

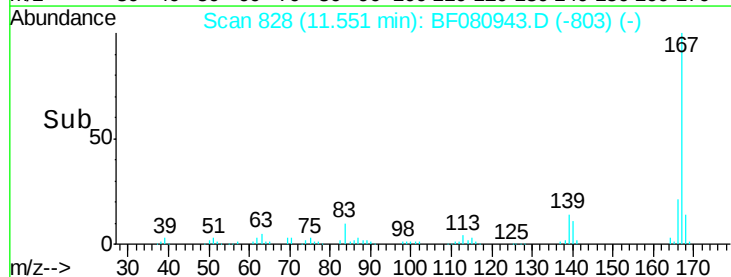
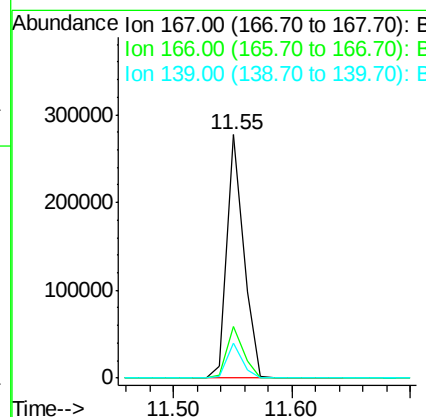
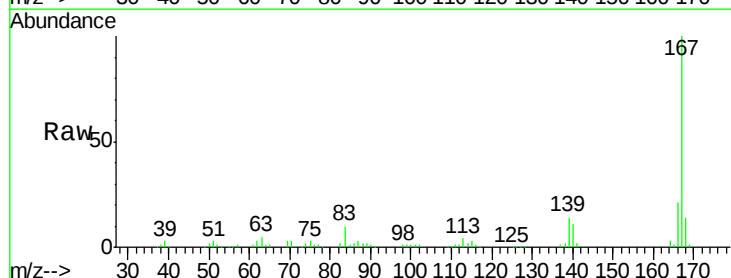
Manual Integrations
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#72
 Carbazole
 Concen: 19.25 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	268462		
166	21.3		17.1	25.7
139	14.5		9.2	13.8





#73

Di-n-butylphthalate

Concen: 22.35 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

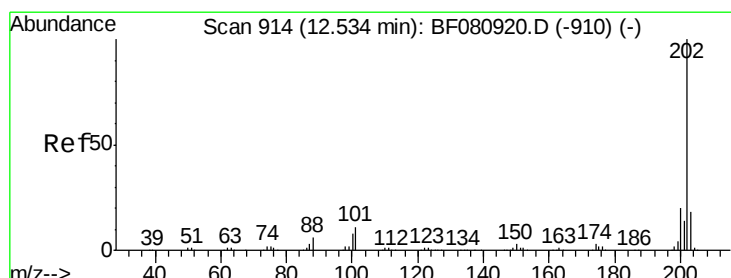
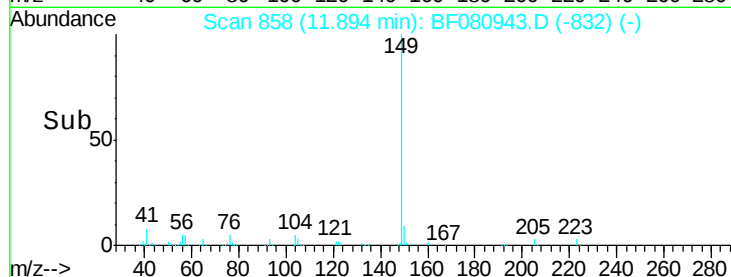
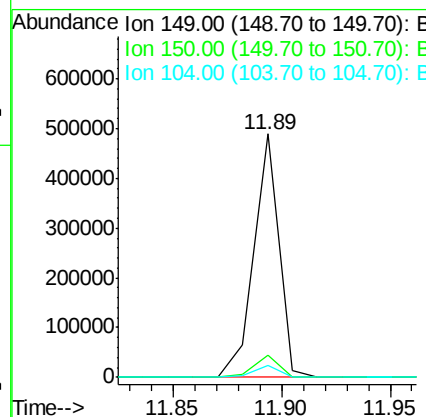
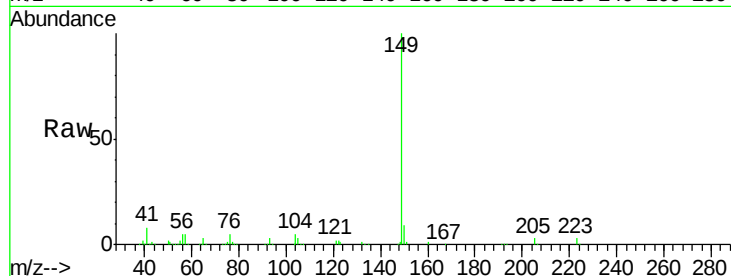
ClientSampleId :

PB84907BS

Tot Ion:	149	Resp:	389763
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	4.8	4.4	6.6

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#74

Fluoranthene

Concen: 22.18 ng

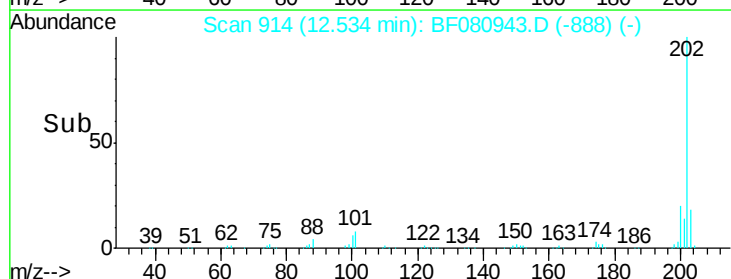
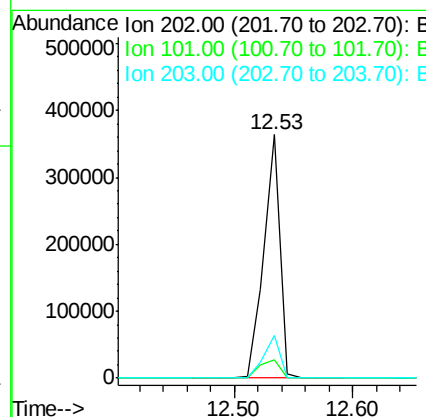
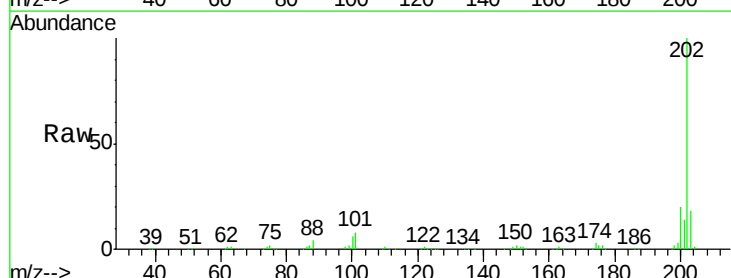
RT: 12.53 min Scan# 914

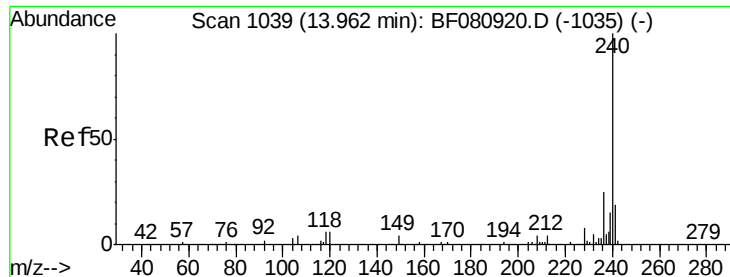
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:	202	Resp:	346963
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	30.5
203	17.6	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

PB84907BS

Tot Ion:240 Resp: 185928

Ion Ratio Lower Upper

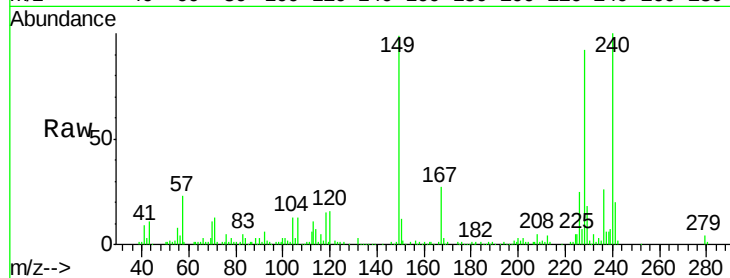
240 100

120 16.0 5.2 7.8#

236 26.1 20.2 30.4

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.95

200000

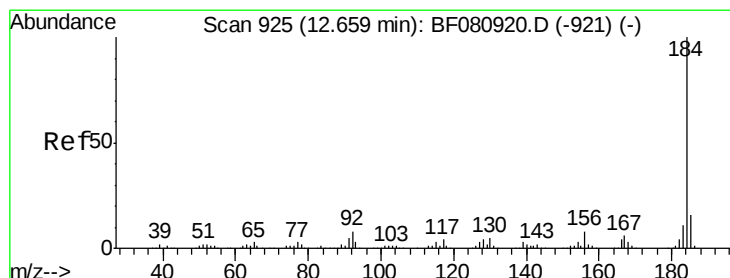
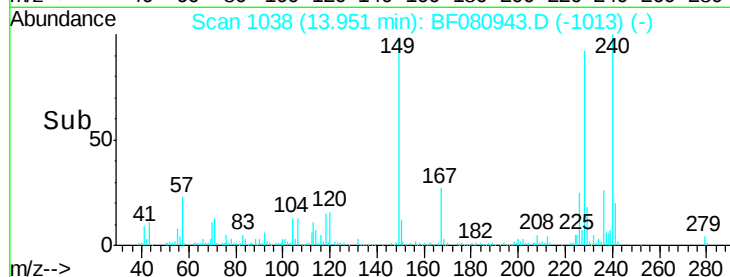
150000

100000

50000

0

Time-->



#76

Benzidine

Concen: 21.29 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

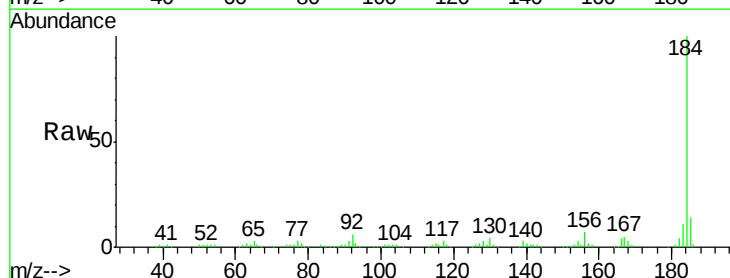
Tgt Ion:184 Resp: 201929

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

183 10.9 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66

250000

200000

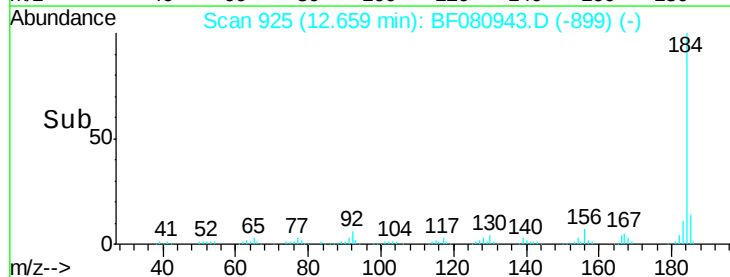
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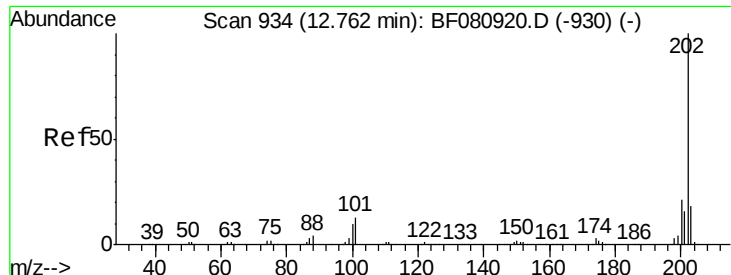
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Time-->





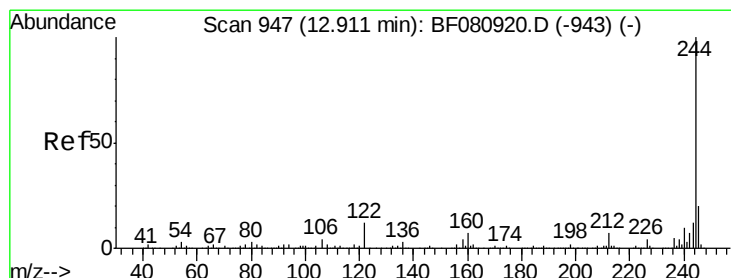
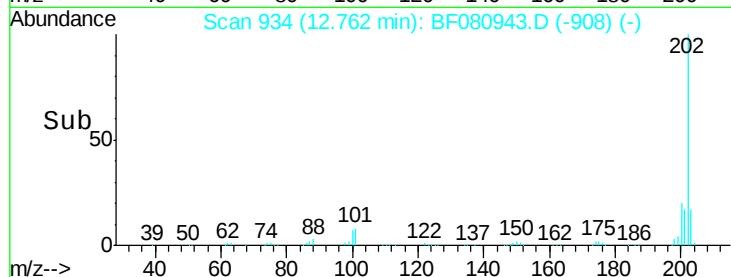
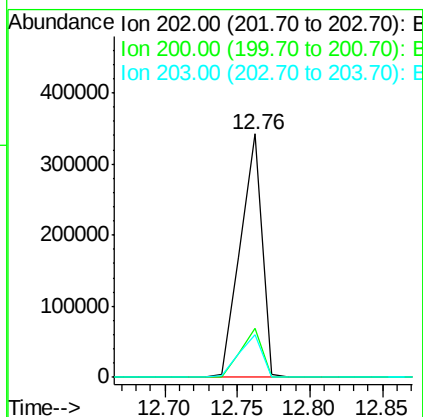
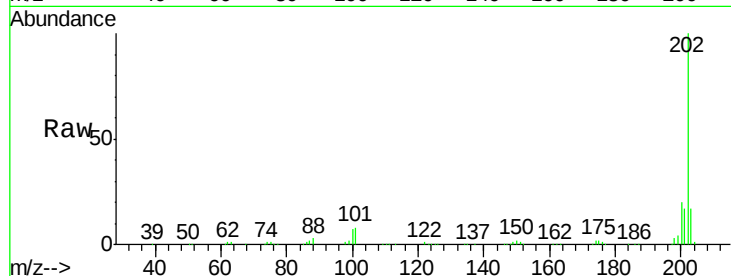
#77
Pvrene
Concen: 25.97 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.3	14.2	21.2

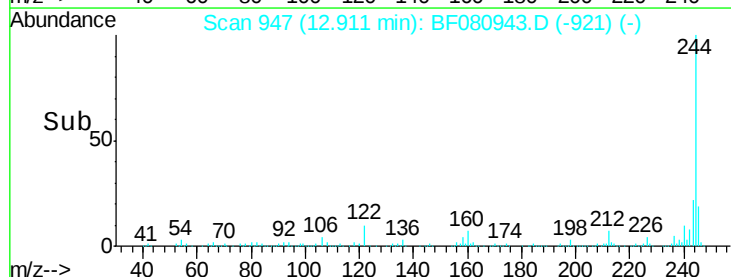
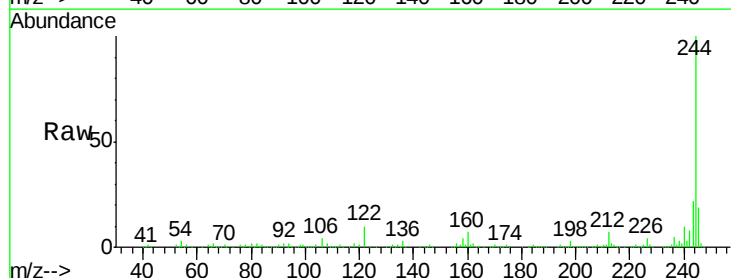
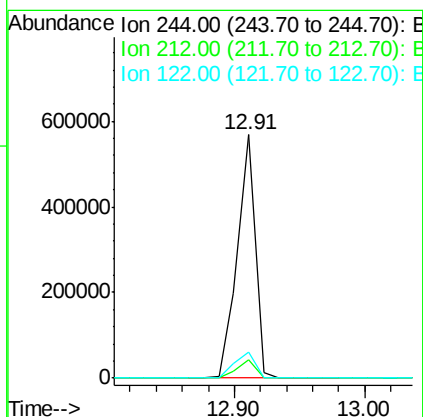
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#78
Terphenyl-d14
Concen: 59.94 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.5	9.4	14.2





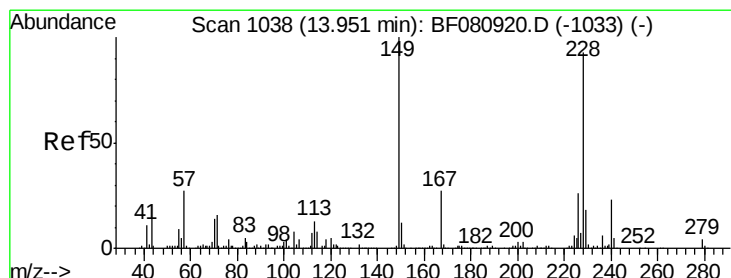
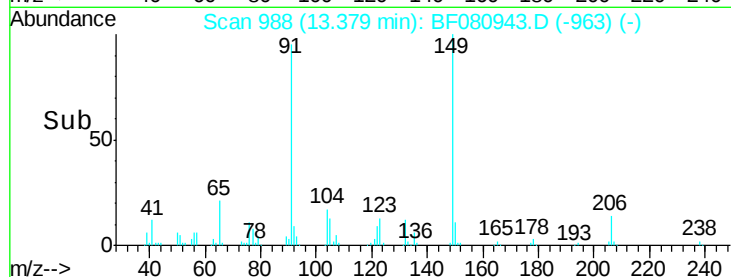
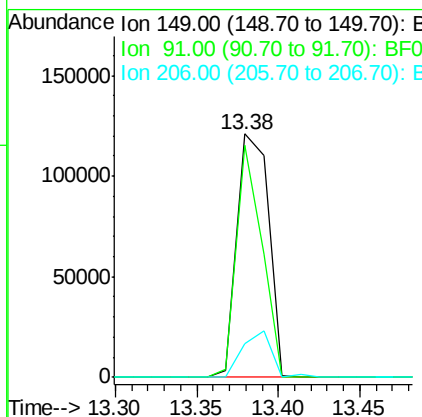
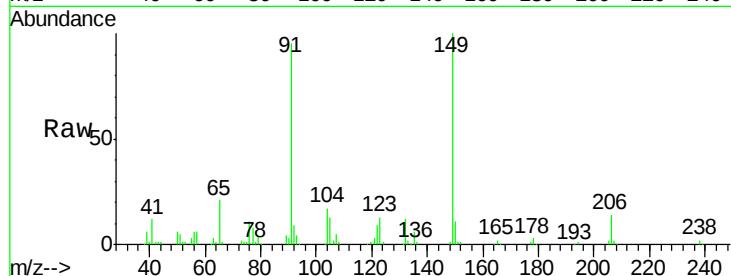
#79
Butylbenzylphthalate
Concen: 24.41 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	161631		
91	95.1	47.2	70.8#	
206	13.7	16.5	24.7#	

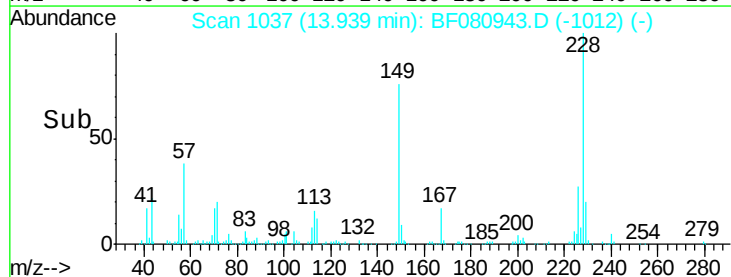
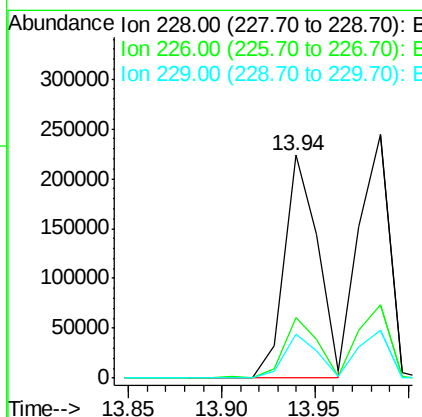
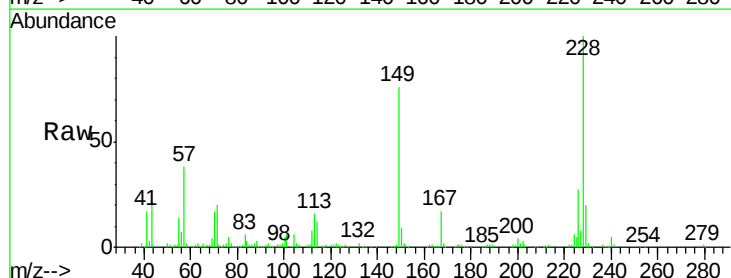
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 23.81 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	279653		
226	27.0	22.2	33.2	
229	19.9	15.8	23.6	





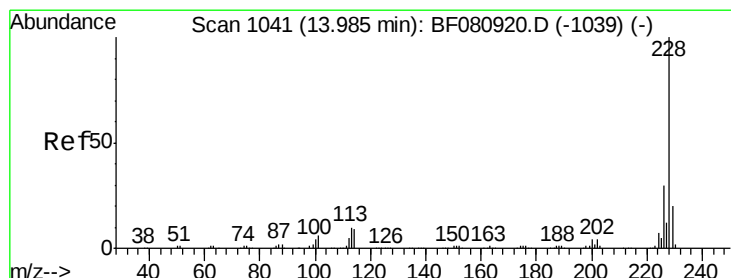
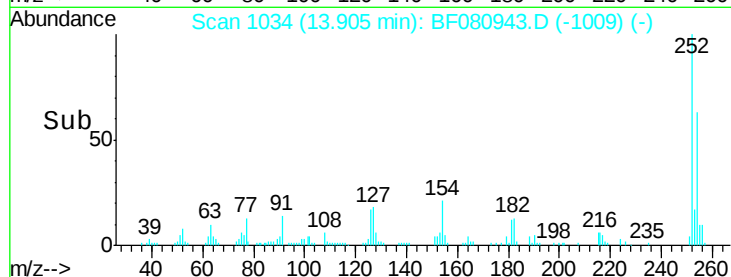
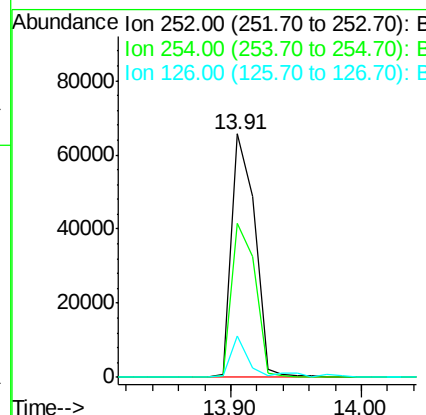
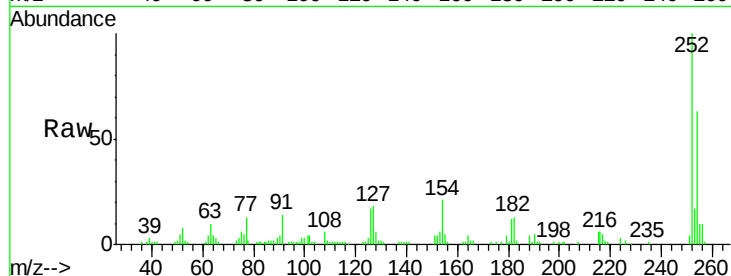
#81
 3,3'-Dichlorobenzidine
 Concen: 19.11 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.7	77.5
126	17.3	7.1	10.7

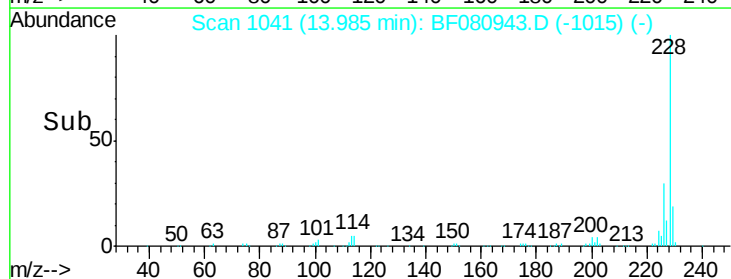
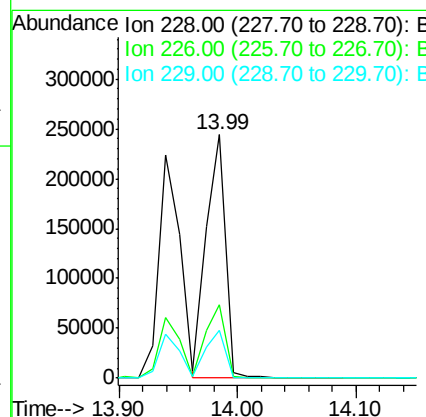
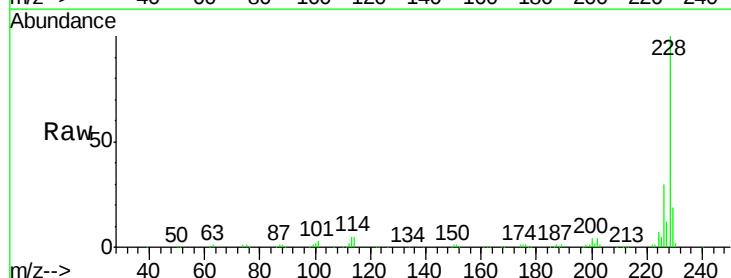
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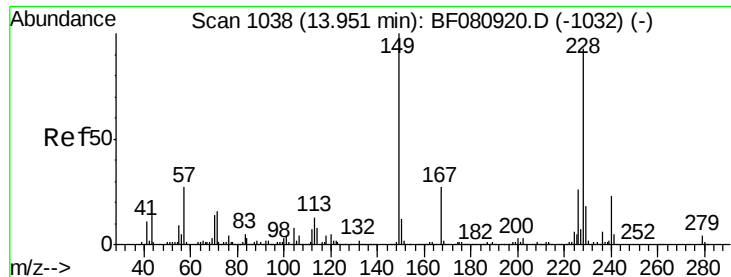
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#82
 Chrysene
 Concen: 24.78 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.4	15.8	23.6





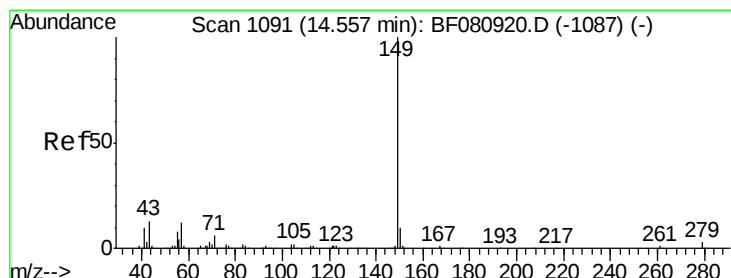
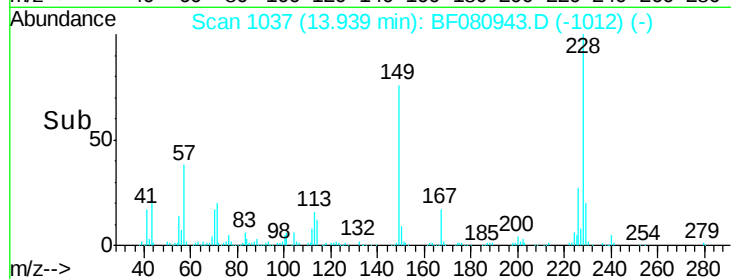
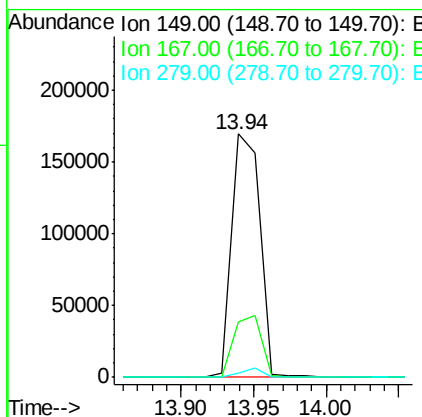
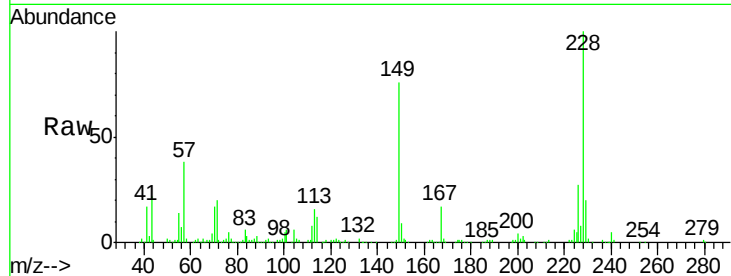
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.74 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227962		
167	22.6	21.4	32.0	
279	1.5	2.9	4.3#	

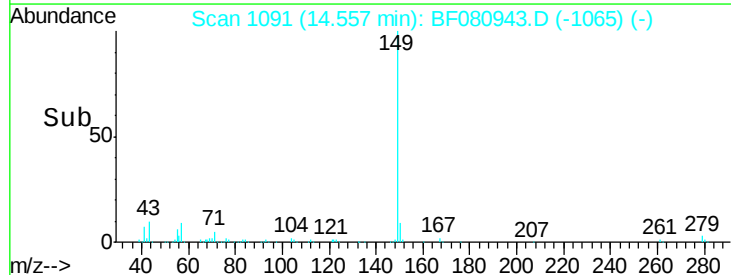
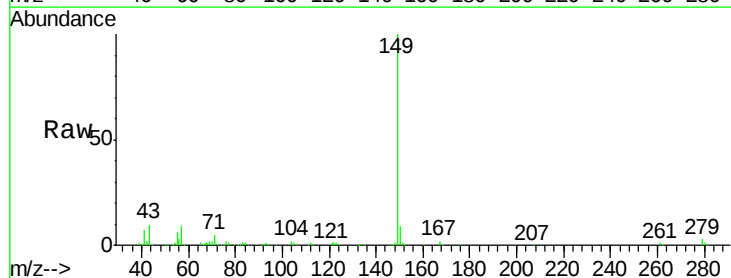
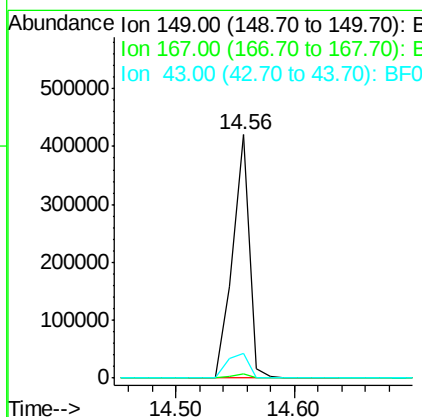
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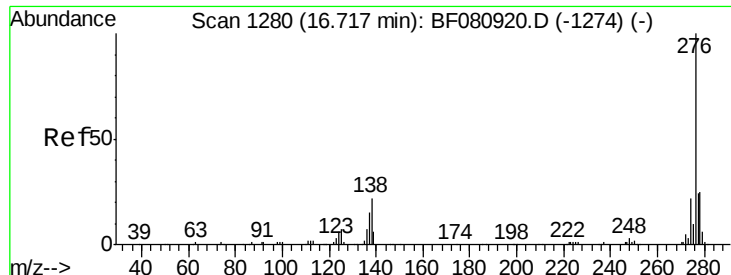
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#84
 Di-n-octyl phthalate
 Concen: 26.39 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	412259		
167	1.5	1.1	1.7	
43	13.2	11.0	16.4	





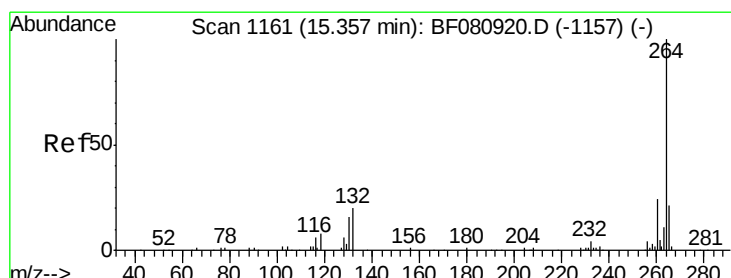
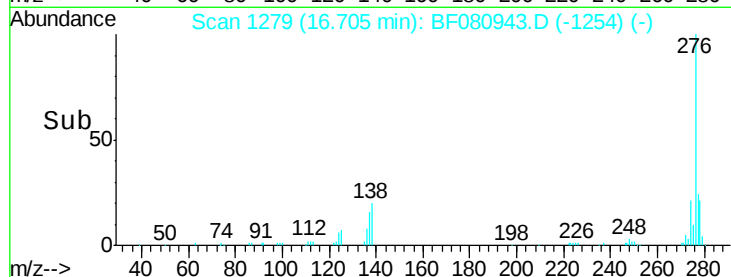
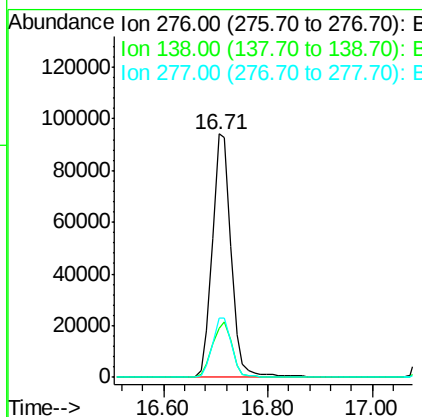
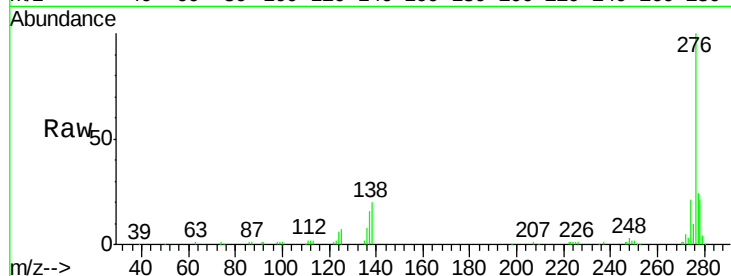
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.17 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	237264		
138	23.5	19.9	29.9	
277	24.4	19.7	29.5	

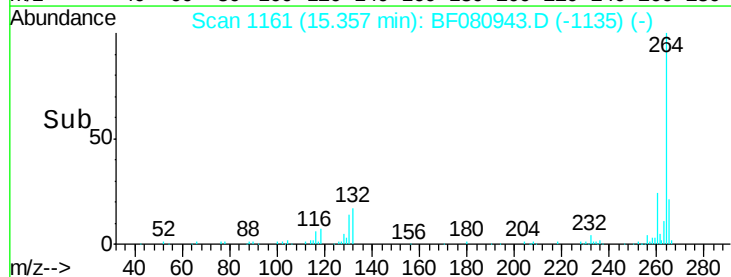
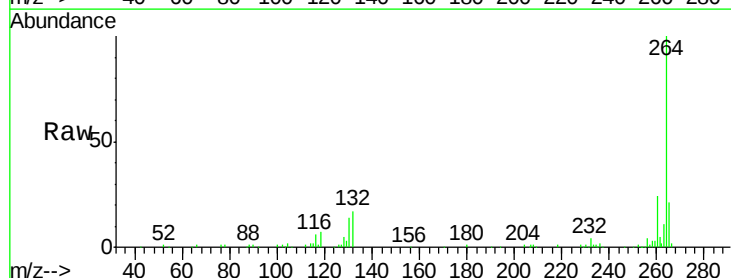
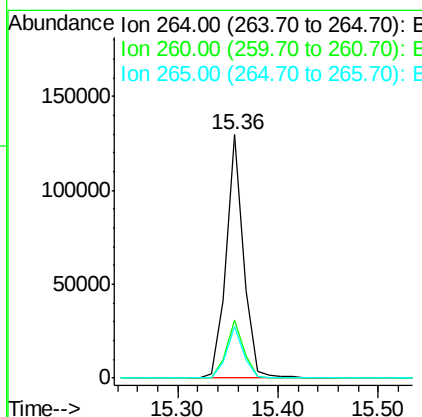
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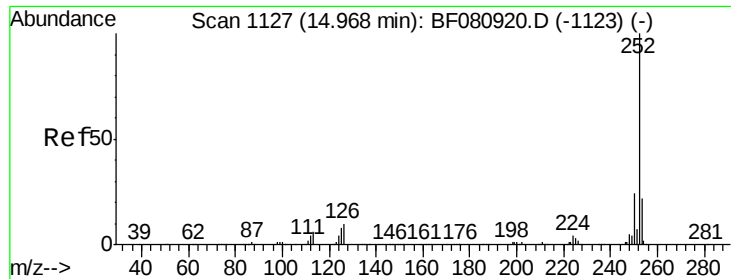
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	155199		
260	24.0	19.4	29.0	
265	21.4	17.0	25.4	





#87

Benzo(b)fluoranthene

Concen: 21.24 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

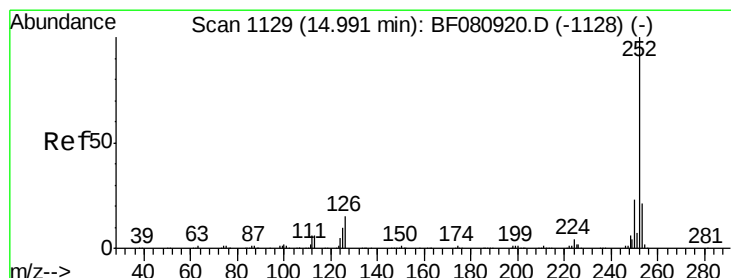
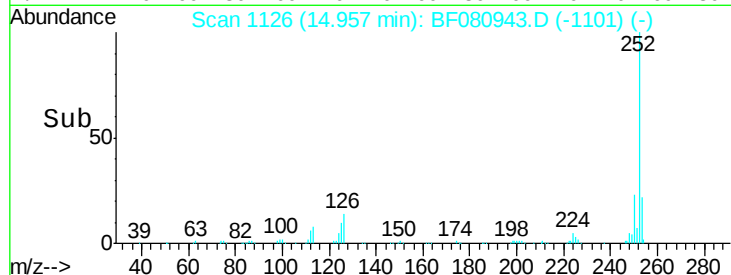
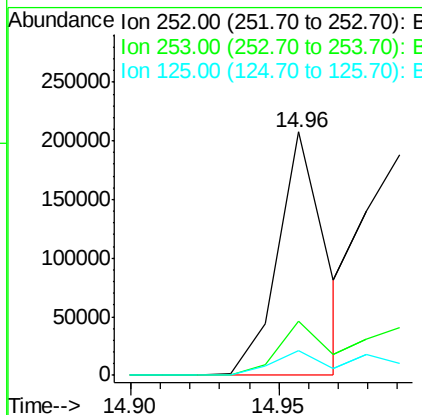
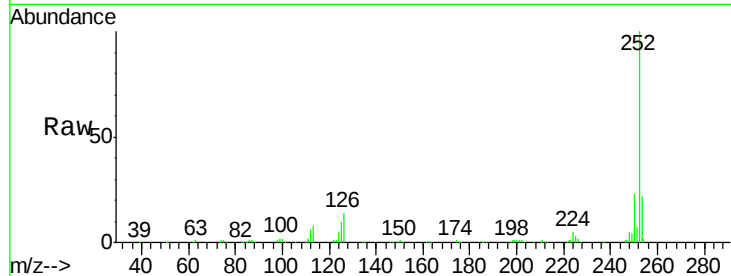
ClientSampleId :

PB84907BS

Tot Ion:	252	Resp:	229265
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.4	6.1	9.1#

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#88

Benzo(k)fluoranthene

Concen: 25.04 ng m

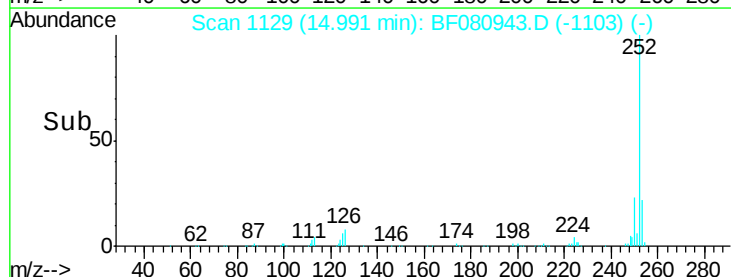
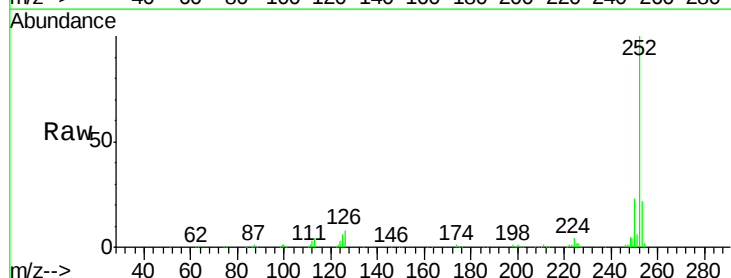
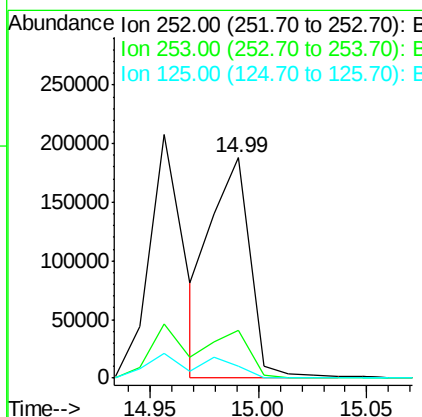
RT: 14.99 min Scan# 1129

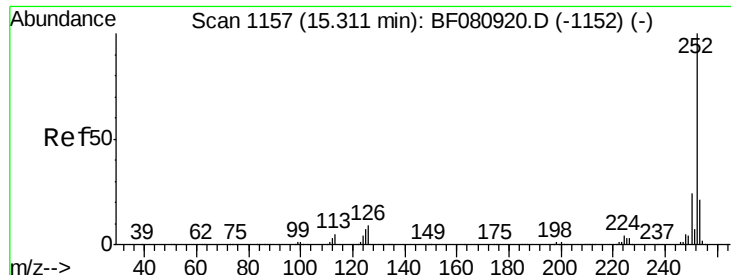
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:	252	Resp:	236379
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	5.7	9.0	13.6#





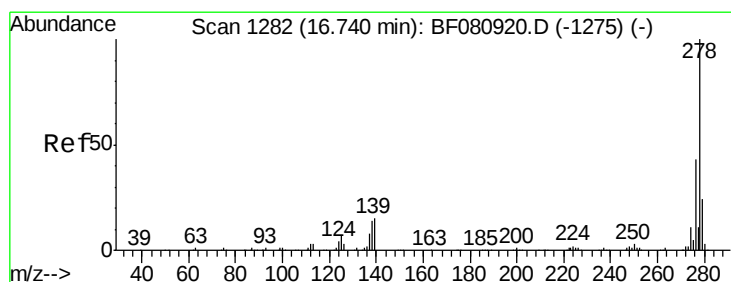
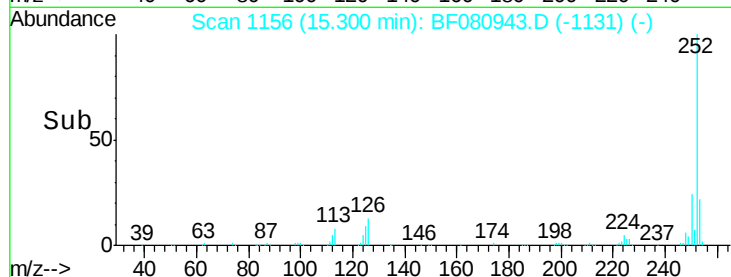
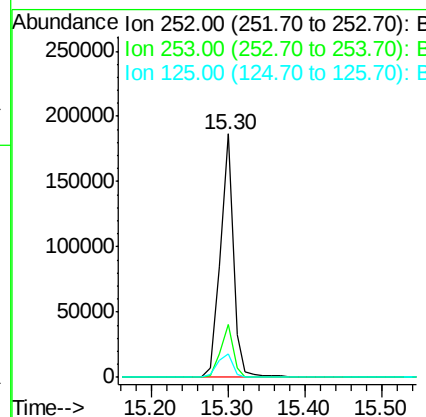
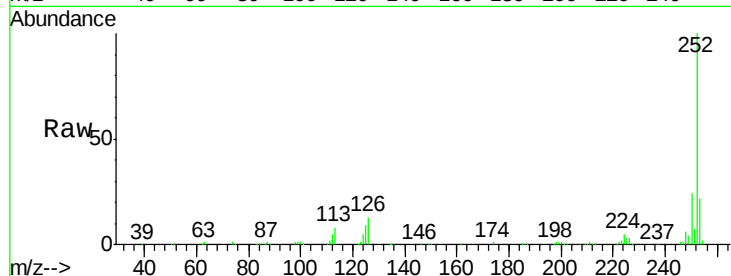
#89
Benzo(a)pyrene
Concen: 24.02 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.9	25.3
125	9.5	5.8	8.8

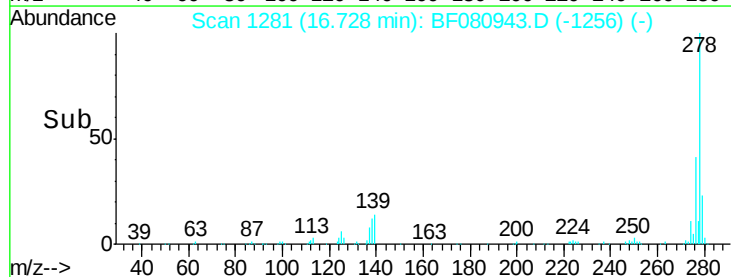
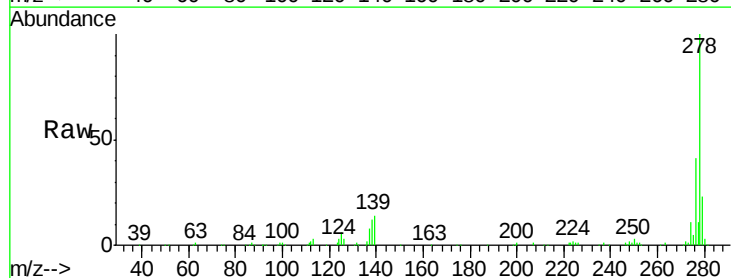
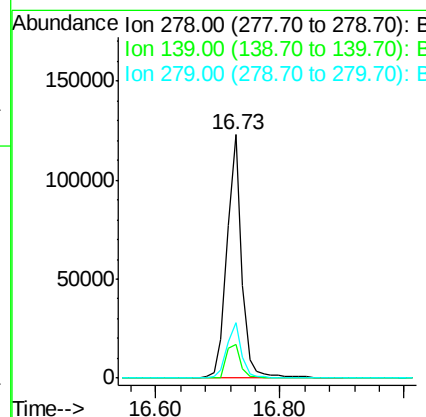
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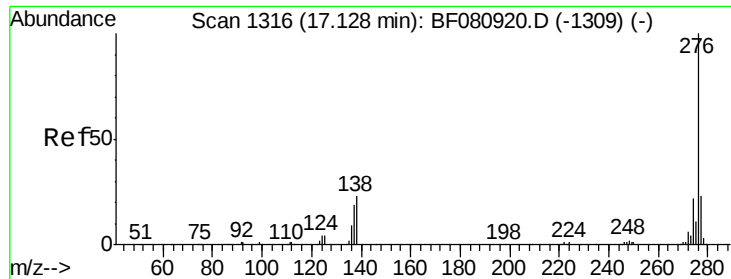
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#90
Dibenzo(a,h)anthracene
Concen: 24.46 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.9	17.9
279	22.6	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 24.48 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BS

Tot Ion:	276	Resp:	195324
Ion Ratio		Lower	Upper
276	100		
277	22.6	18.6	28.0
138	21.7	18.4	27.6

Manual Integrations
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