

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082080.D
 Acq On : 6 Oct 2015 13:05
 Operator : UM/IZ
 Sample : PB85910BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Manual Integrations
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 10/7/2015 4:51:43 PM

Quant Time: Oct 07 03:07:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80683	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	333816	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	164642	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	323847	20.00	ng	0.00
75) Chrysene-d12	14.06	240	295895	20.00	ng	-0.01
86) Perylene-d12	15.51	264	265455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	524901	118.10	ng	0.01
7) Phenol-d6	6.51	99	706516	126.33	ng	0.00
23) Nitrobenzene-d5	7.45	82	413777	82.63	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	193952	116.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	816123	82.47	ng	0.00
78) Terphenyl-d14	13.01	244	1004280	125.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	61787	31.97	ng	88
3) Pyridine	3.27	79	178586	35.49	ng	# 84
4) n-Nitrosodimethylamine	3.22	42	75443	33.01	ng	96
6) Aniline	6.55	93	187029	24.89	ng	# 90
8) 2-Chlorophenol	6.66	128	200687	40.89	ng	# 81
9) Benzaldehyde	6.43	77	35302	9.64	ng	# 88
10) Phenol	6.54	94	249325	39.74	ng	# 65
11) bis(2-Chloroethyl)ether	6.62	93	201749	41.47	ng	96
12) 1,3-Dichlorobenzene	6.82	146	238827	41.19	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	249174	41.16	ng	96
14) 1,2-Dichlorobenzene	7.05	146	224887m	41.69	ng	
15) Benzyl Alcohol	7.03	79	168178	41.66	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.17	45	299105	43.49	ng	82
17) 2-Methylphenol	7.14	107	175852	44.19	ng	# 85
18) Hexachloroethane	7.39	117	84828	44.76	ng	# 80
19) n-Nitroso-di-n-propylamine	7.30	70	147135	43.29	ng	# 76
20) 3+4-Methylphenols	7.29	107	203278	40.44	ng	# 58
22) Acetophenone	7.29	105	283958	41.60	ng	# 73
24) Nitrobenzene	7.47	77	222226	40.87	ng	# 76
25) Isophorone	7.71	82	393366	39.63	ng	# 98
26) 2-Nitrophenol	7.78	139	112298	43.02	ng	# 54
27) 2,4-Dimethylphenol	7.83	122	201299	43.84	ng	# 84
28) bis(2-Chloroethoxy)methane	7.92	93	235655	39.98	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	187623	42.14	ng	94
30) 1,2,4-Trichlorobenzene	8.11	180	209234	42.09	ng	99
31) Naphthalene	8.19	128	640220	43.28	ng	98
32) Benzoic acid	7.94	122	106087	40.06	ng	# 68
33) 4-Chloroaniline	8.25	127	109693	17.15	ng	# 96
34) Hexachlorobutadiene	8.31	225	127892	43.50	ng	98
35) Caprolactam	8.62	113	59289m	48.10	ng	
36) 4-Chloro-3-methylphenol	8.73	107	196665	45.17	ng	86
37) 2-Methylnaphthalene	8.88	142	398651	39.48	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	215518	42.64	ng	98
40) Hexachlorocyclopentadiene	9.03	237	218965	84.12	ng	95

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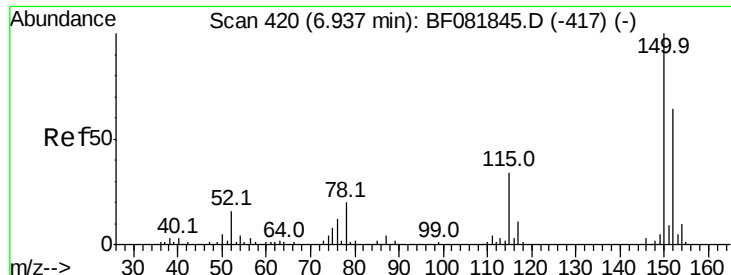
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	147021	42.43	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	157033	44.07	nq	# 92
45) 1,1'-Biphenyl	9.35	154	520925	41.01	nq	95
46) 2-Chloronaphthalene	9.37	162	394854	39.59	nq	# 93
47) 2-Nitroaniline	9.47	65	125896	43.00	nq	# 76
48) Acenaphthylene	9.79	152	689187	43.17	nq	97
49) Dimethylphthalate	9.66	163	518407	45.62	nq	# 97
50) 2,6-Dinitrotoluene	9.71	165	101575	41.17	nq	# 59
51) Acenaphthene	9.97	154	410608	43.32	nq	89
52) 3-Nitroaniline	9.89	138	66878	23.43	nq	# 70
53) 2,4-Dinitrophenol	10.00	184	116643	89.54	nq	# 82
54) Dibenzofuran	10.14	168	594495	44.38	nq	# 91
55) 4-Nitrophenol	10.06	139	171533	83.17	nq	# 58
56) 2,4-Dinitrotoluene	10.13	165	153022	48.65	nq	# 99
57) Fluorene	10.48	166	485555	50.96	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.25	232	133633	47.28	nq	95
59) Diethylphthalate	10.35	149	507195	47.78	nq	98
60) 4-Chlorophenyl-phenylether	10.47	204	215952	44.03	nq	89
61) 4-Nitroaniline	10.50	138	114823	40.12	nq	# 47
62) Azobenzene	10.63	77	470221	45.39	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	73340	49.53	nq	93
65) n-Nitrosodiphenylamine	10.59	169	426729	43.55	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	144214	44.17	nq	99
67) Hexachlorobenzene	11.03	284	148871	40.40	nq	# 75
68) Atrazine	11.12	200	139540	45.90	nq	84
69) Pentachlorophenol	11.22	266	177313	84.45	nq	99
70) Phenanthrene	11.44	178	663415	42.47	nq	96
71) Anthracene	11.50	178	787627	47.85	nq	98
72) Carbazole	11.66	167	661907	44.43	nq	97
73) Di-n-butylphthalate	11.98	149	795809	52.68	nq	# 98
74) Fluoranthene	12.63	202	740242	42.67	nq	91
76) Benzidine	12.76	184	280431	31.45	nq	98
77) Pyrene	12.86	202	732430	41.43	nq	96
79) Butylbenzylphthalate	13.48	149	316842	47.63	nq	# 87
80) Benzo(a)anthracene	14.05	228	708304	44.45	nq	96
81) 3,3'-Dichlorobenzidine	14.01	252	153589	28.54	nq	# 95
82) Chrysene	14.09	228	732088	Below	Cal	95
83) Bis(2-ethylhexyl)phthalate	14.04	149	463219	55.52	nq	# 95
84) Di-n-octyl phthalate	14.64	149	760000	55.97	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.95	276	591108	47.42	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	769679	50.78	nq	# 88
88) Benzo(k)fluoranthene	15.12	252	537697m	38.71	nq	
89) Benzo(a)pyrene	15.45	252	625411	47.57	nq	# 86
90) Dibenzo(a,h)anthracene	16.96	278	485089	43.98	nq	# 81
91) Benzo(g,h,i)perylene	17.38	276	476100	42.12	nq	# 75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion:152 Resp: 80683

Ion Ratio Lower Upper

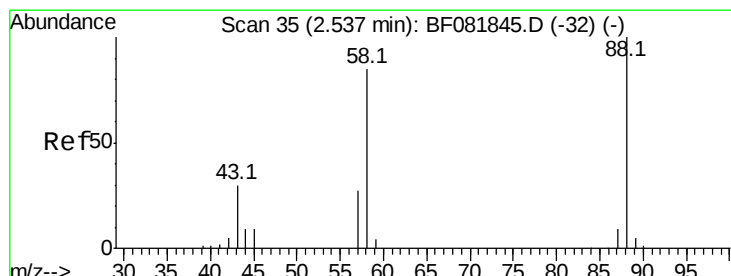
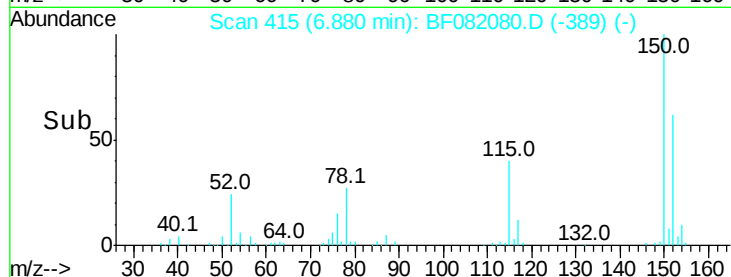
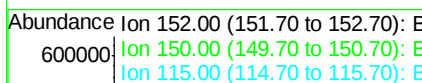
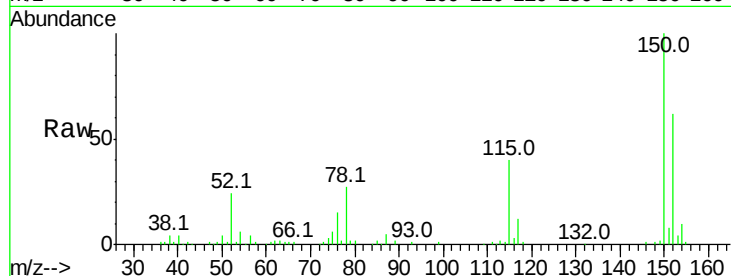
152 100

150 160.6 124.7 187.1

115 63.5 39.0 58.4#

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#2

1,4-Dioxane

Concen: 31.97 ng

RT: 2.53 min Scan# 34

Delta R.T. 0.07 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

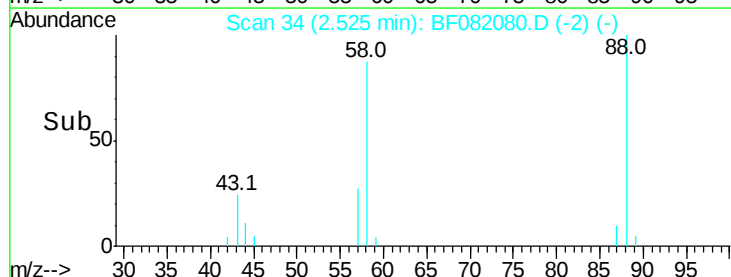
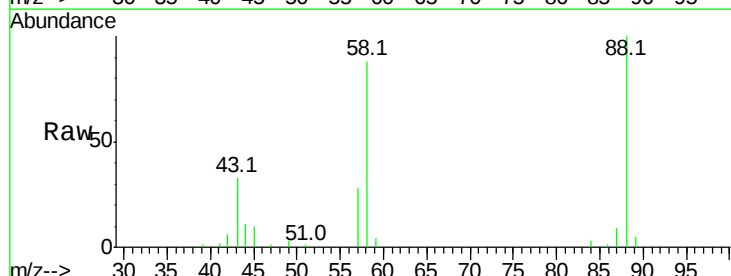
Tgt Ion: 88 Resp: 61787

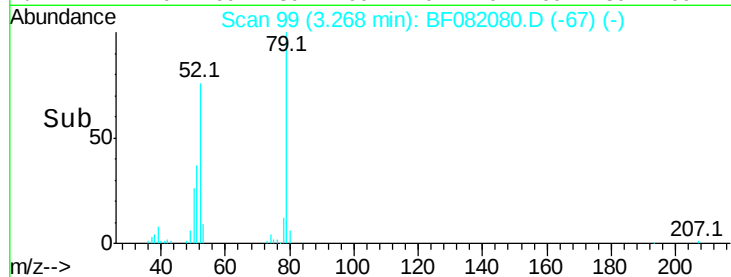
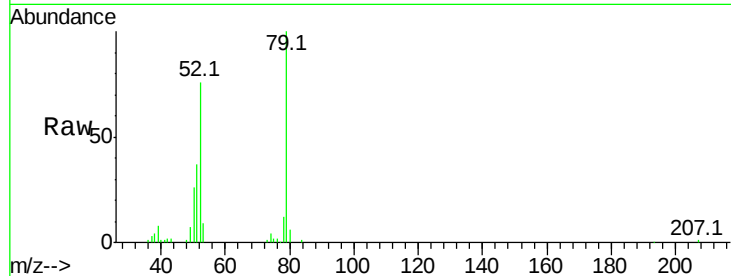
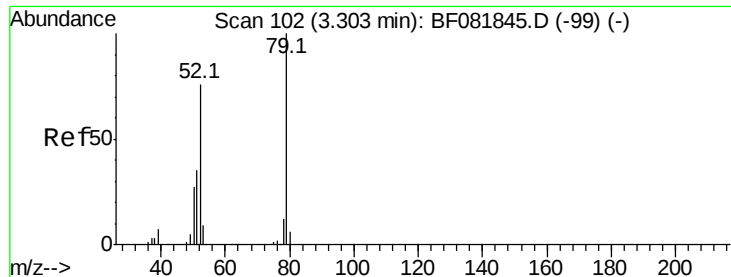
Ion Ratio Lower Upper

88 100

58 84.0 77.7 116.5

43 29.6 26.6 40.0





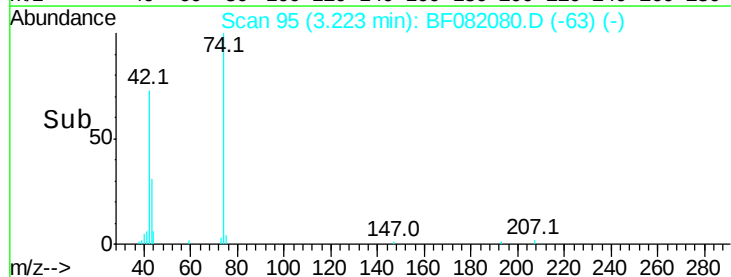
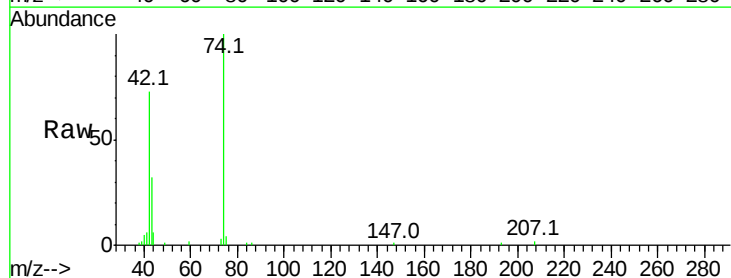
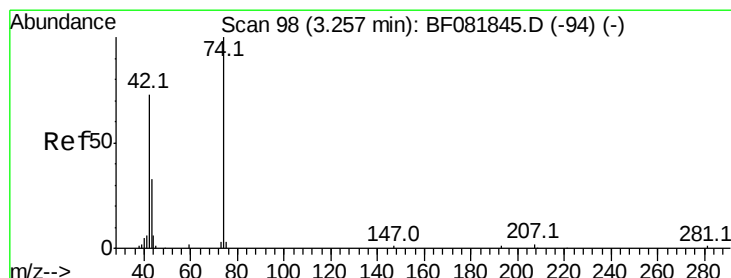
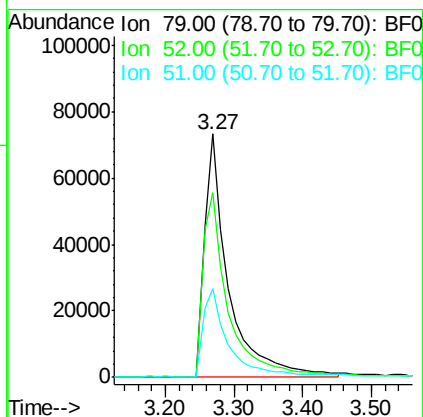
#3
Pvridine
Concen: 35.49 ng
RT: 3.27 min Scan# 99
Delta R.T. 0.07 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.9	76.8	115.2#
51	36.7	32.2	48.4

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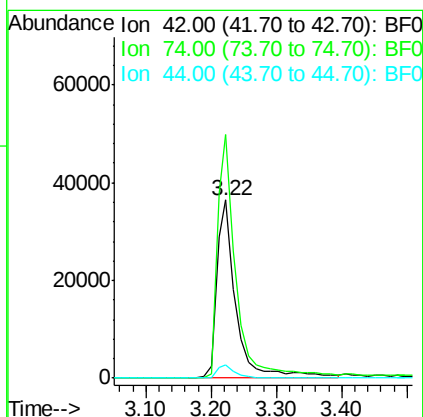
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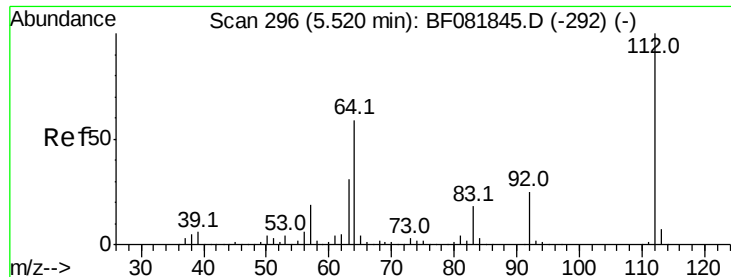
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#4
n-Nitrosodimethylamine
Concen: 33.01 ng
RT: 3.22 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.7	105.0	157.6
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 118.10 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

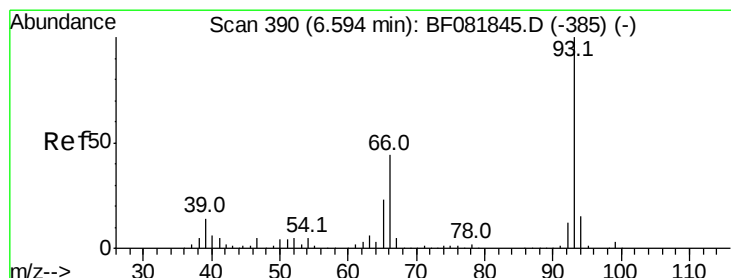
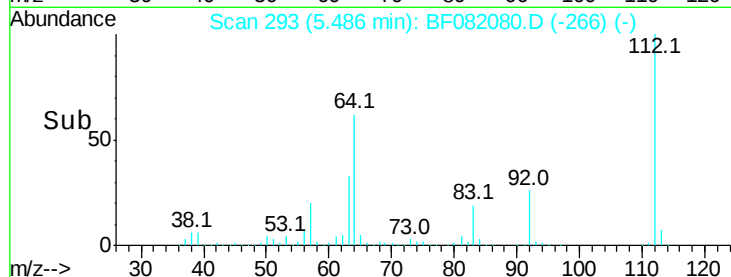
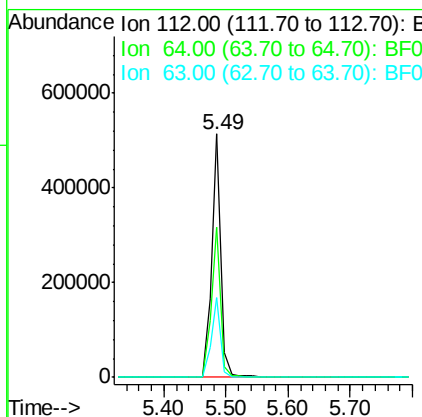
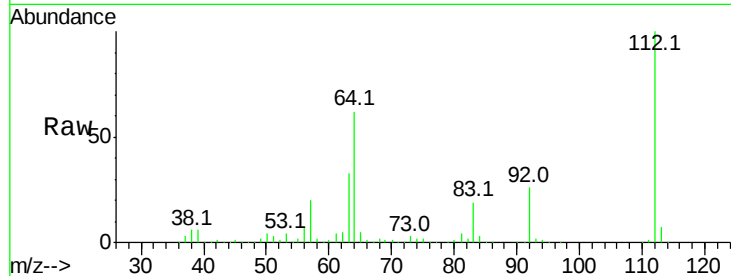
ClientSampleId :

PB85910BS

Tot Ion:	112	Resp:	524901
Ion Ratio	Lower	Upper	
112	100		
64	61.7	39.7	59.5#
63	32.6	17.4	26.0#

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#6

Aniline

Concen: 24.89 ng

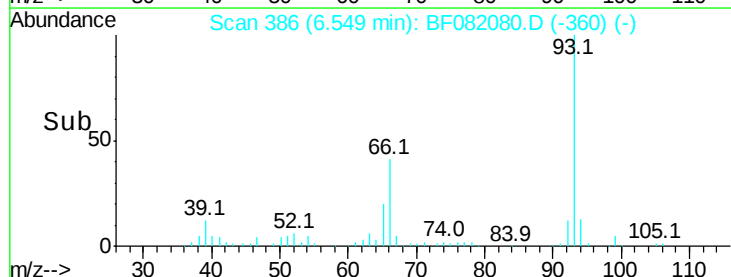
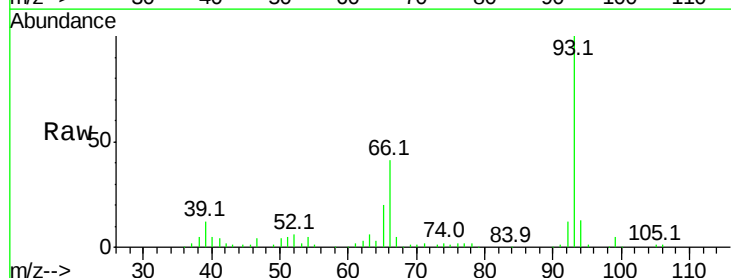
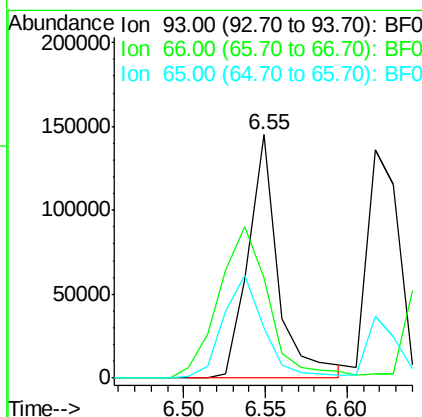
RT: 6.55 min Scan# 386

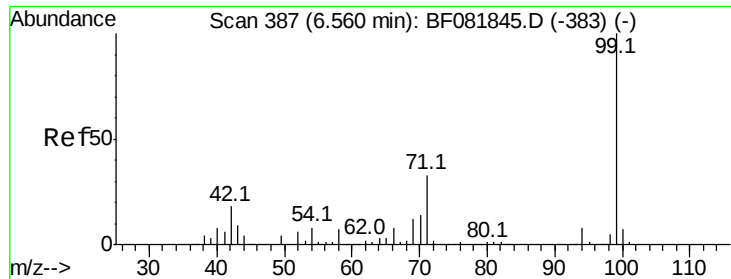
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:	93	Resp:	187029
Ion Ratio	Lower	Upper	
93	100		
66	41.0	27.2	40.8#
65	20.5	14.7	22.1





#7

Phenol-d6

Concen: 126.33 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

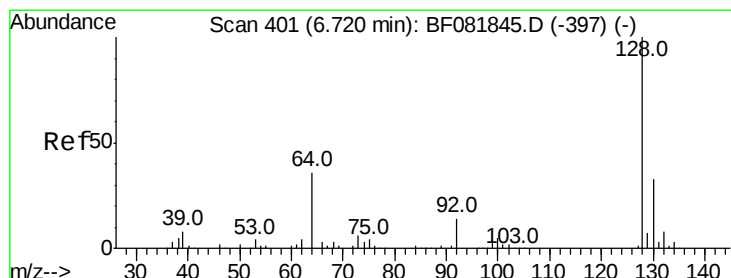
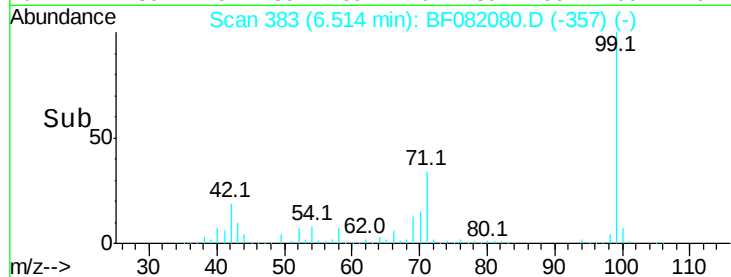
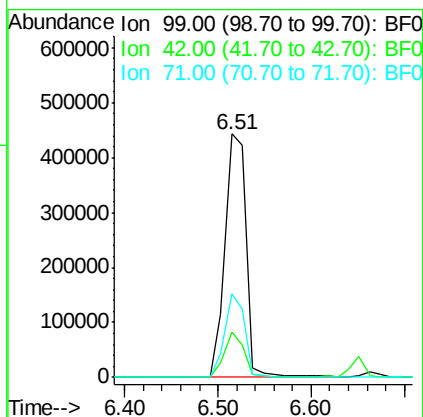
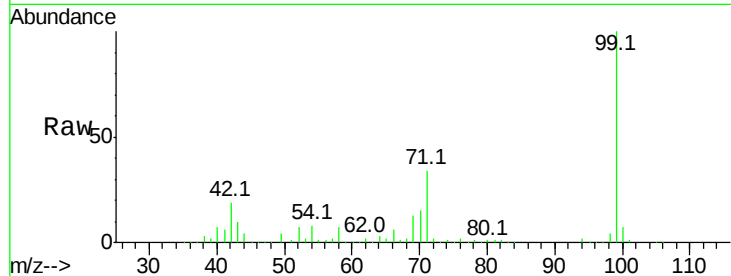
ClientSampleId :

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Tot Ion	99	Resp	706516
Ion Ratio	Lower	Upper	
99	100		
42	18.8	13.7	20.5
71	34.3	14.2	21.2#

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#8

2-Chlorophenol

Concen: 40.89 ng

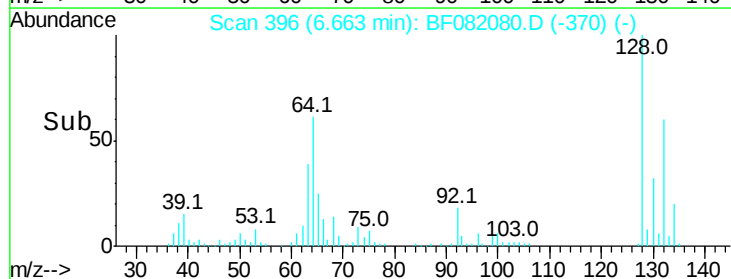
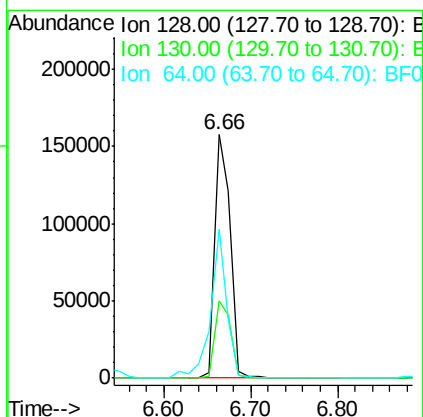
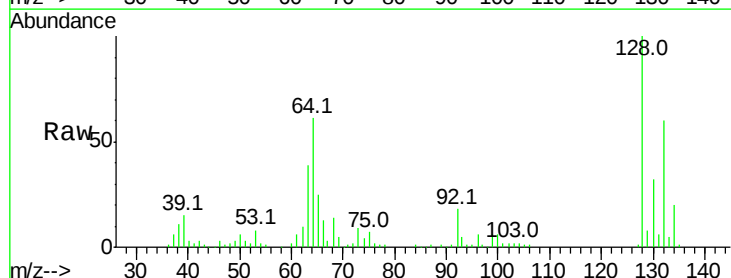
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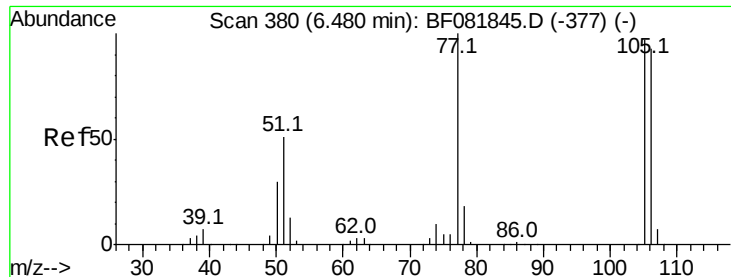
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion	128	Resp	200687
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.2	52.2
64	61.2	20.5	60.5#





#9

Benzaldehyde

Concen: 9.64 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion: 77 Resp: 35302

Ion Ratio Lower Upper

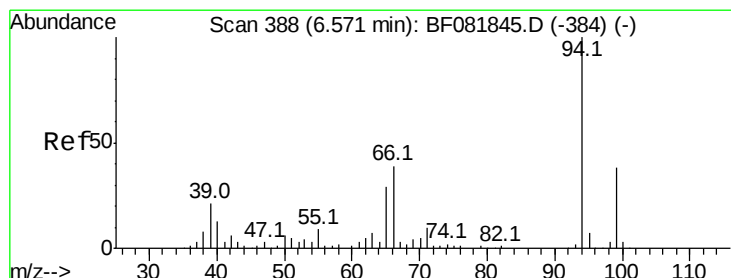
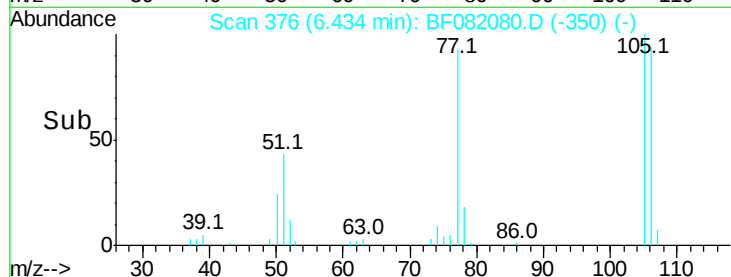
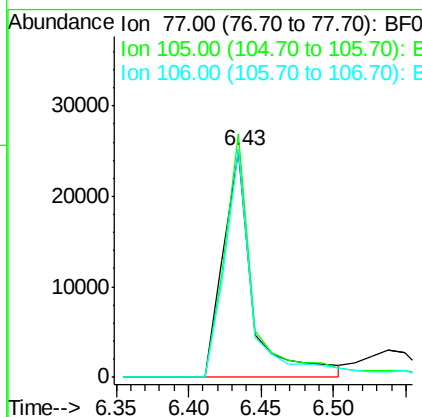
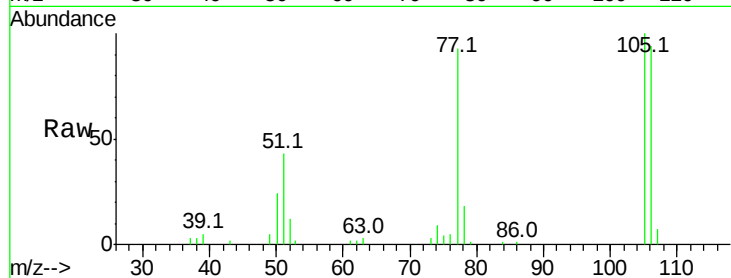
77 100

105 107.7 91.6 131.6

106 101.1 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 39.74 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

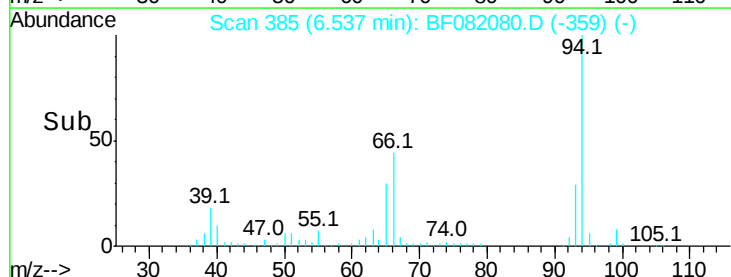
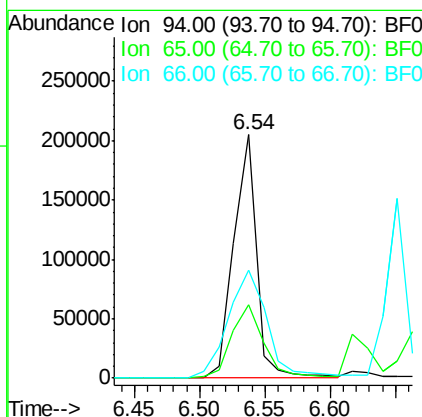
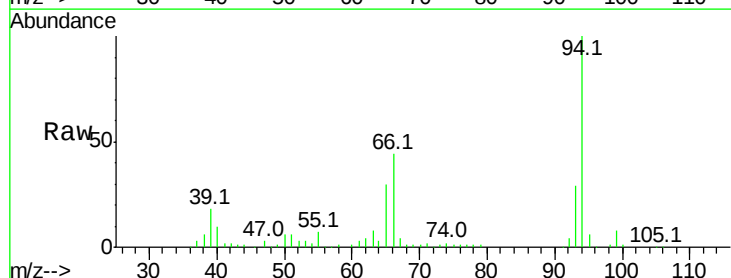
Tgt Ion: 94 Resp: 249325

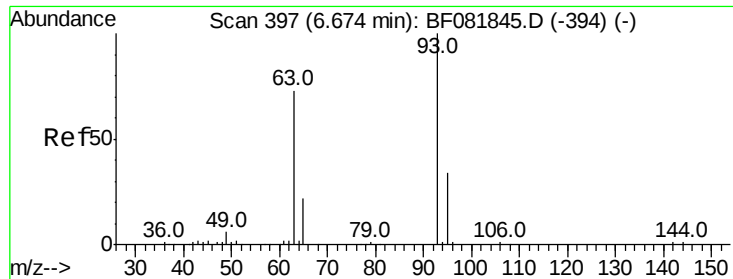
Ion Ratio Lower Upper

94 100

65 30.0 0.7 40.7

66 44.1 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 41.47 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

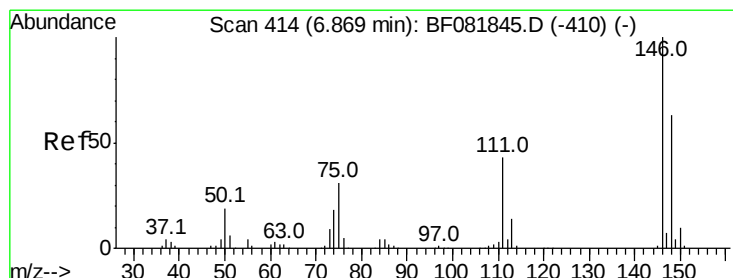
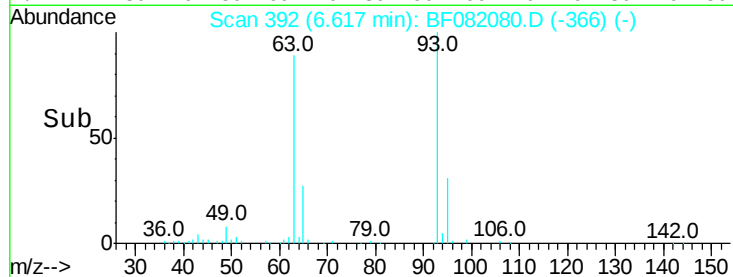
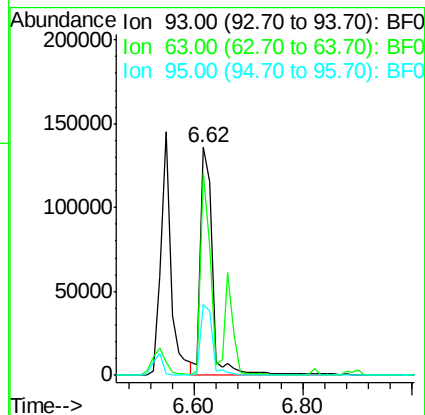
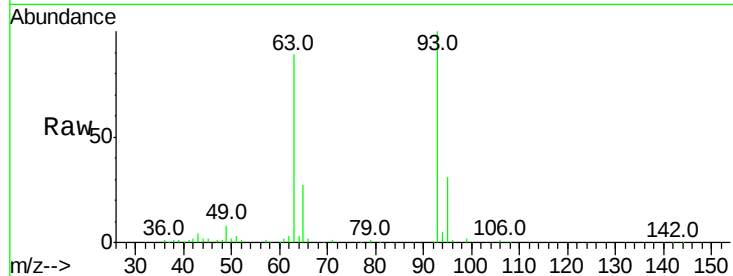
ClientSampleId :

PB85910BS

Tot Ion:	93	Resp:	201749
Ion Ratio	Lower	Upper	
93	100		
63	89.2	65.6	105.6
95	31.2	13.6	53.6

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mmdadoda
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#12

1,3-Dichlorobenzene

Concen: 41.19 ng

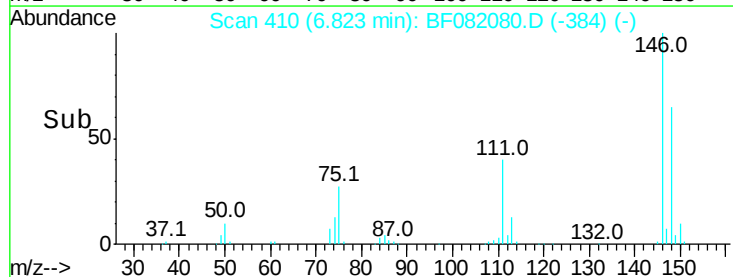
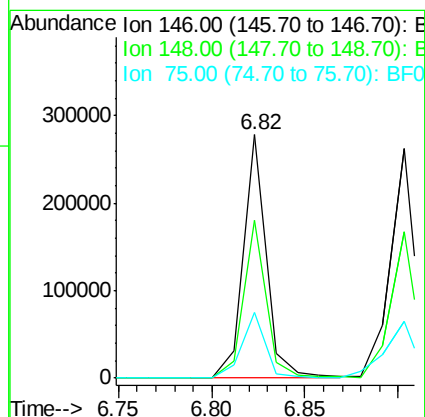
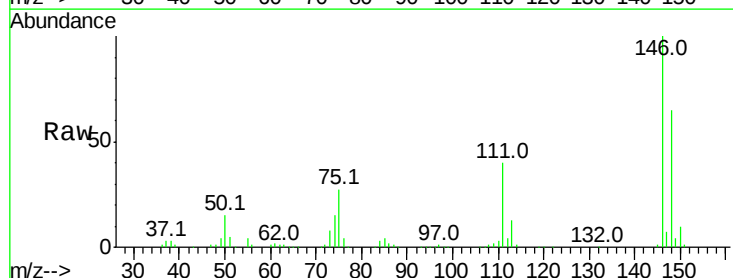
RT: 6.82 min Scan# 410

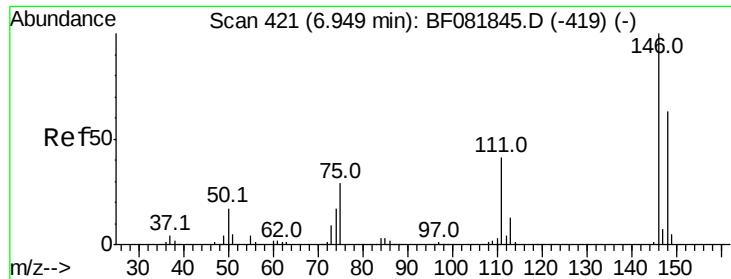
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:	146	Resp:	238827
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.4
75	27.2	15.0	22.6#





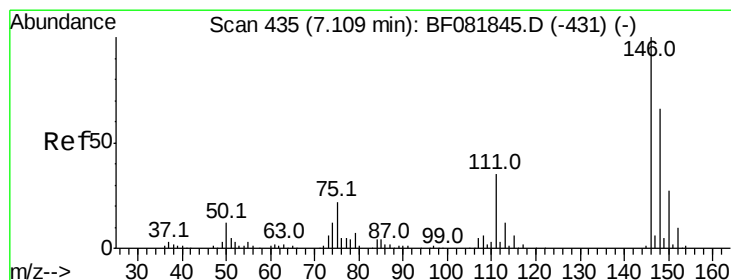
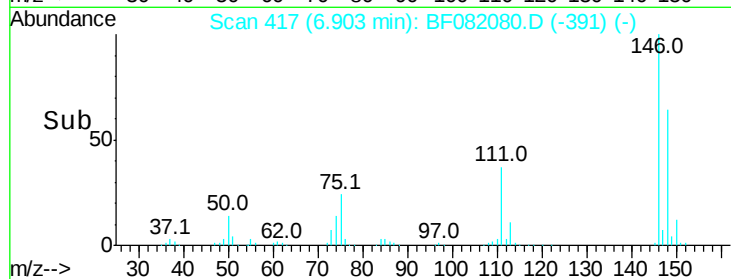
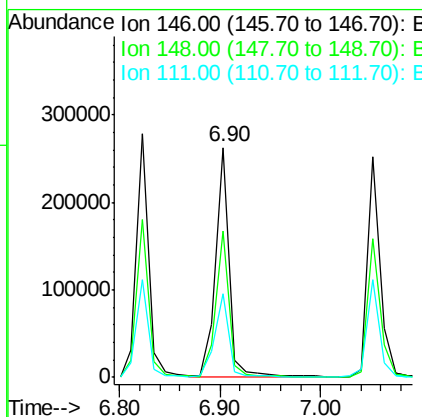
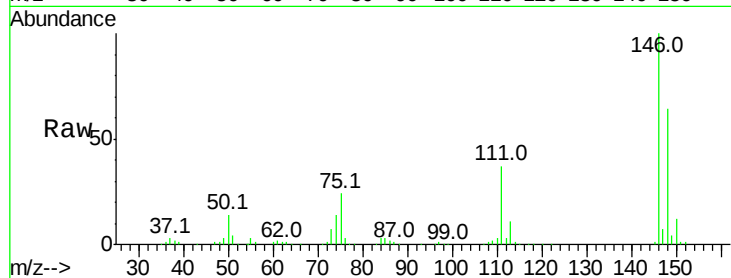
#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	36.6	24.9	37.3

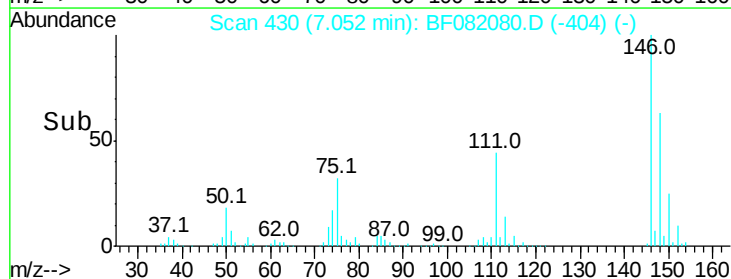
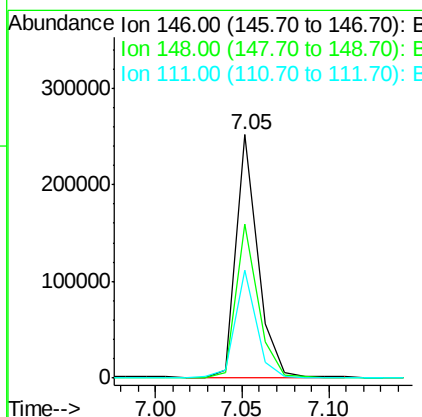
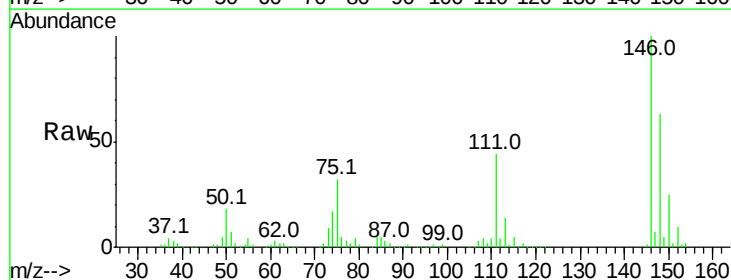
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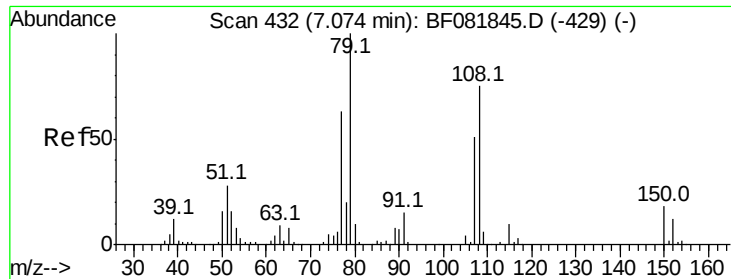
mmdadoda
 10/7/2015 4:51:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.69 ng m
 RT: 7.05 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.7	79.1
111	44.1	28.8	43.2#





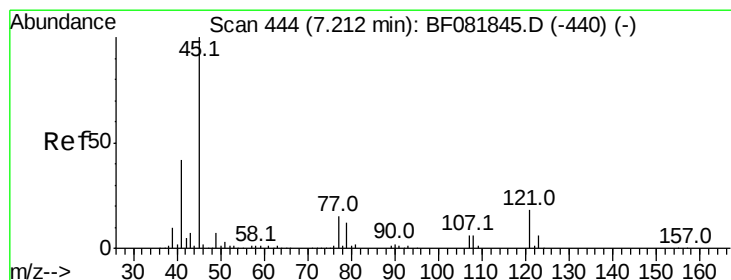
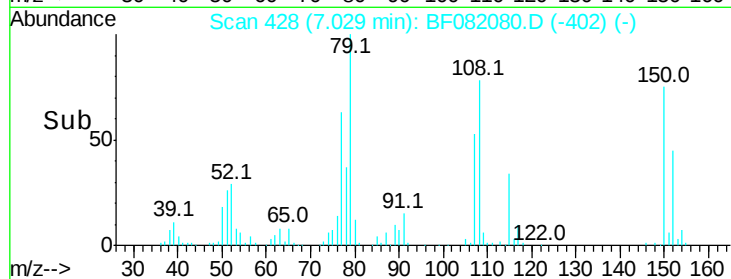
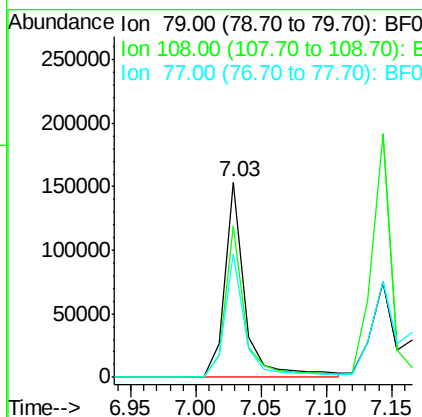
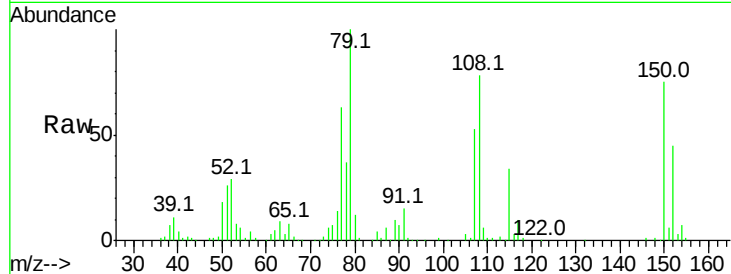
#15
Benzyl Alcohol
Concen: 41.66 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampled :
PB85910BS

Tot Ion: 79 Resp: 168178
Ion Ratio Lower Upper
79 100
108 77.6 88.6 132.8#
77 62.9 47.0 70.4

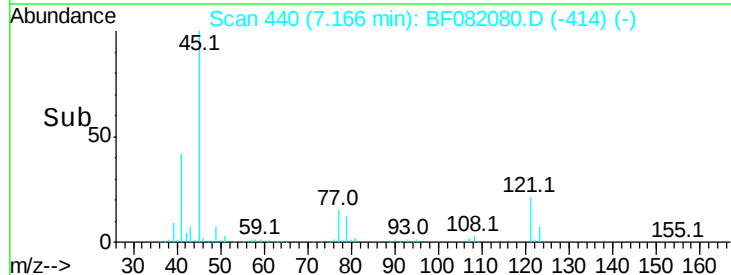
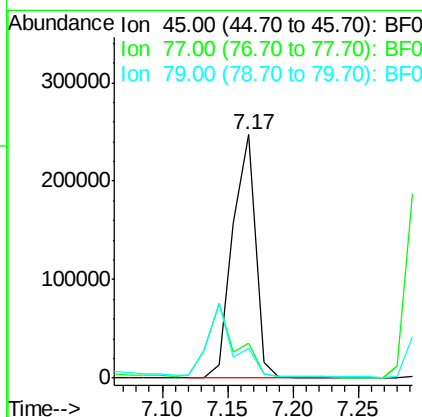
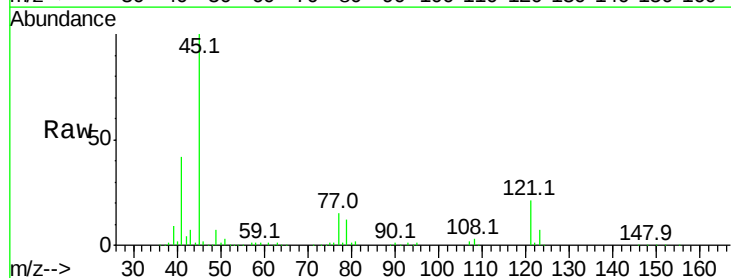
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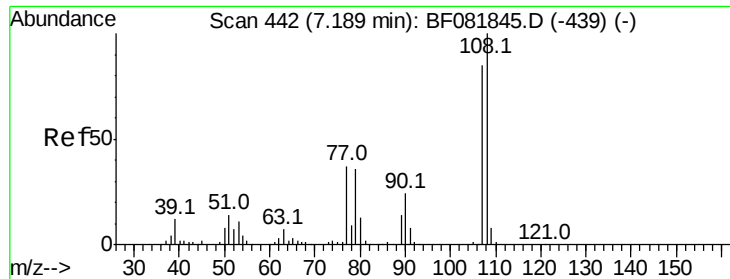
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.49 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion: 45 Resp: 299105
Ion Ratio Lower Upper
45 100
77 14.6 0.0 28.1
79 12.1 0.0 26.0





#17

2-Methylphenol

Concen: 44.19 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF082080.D

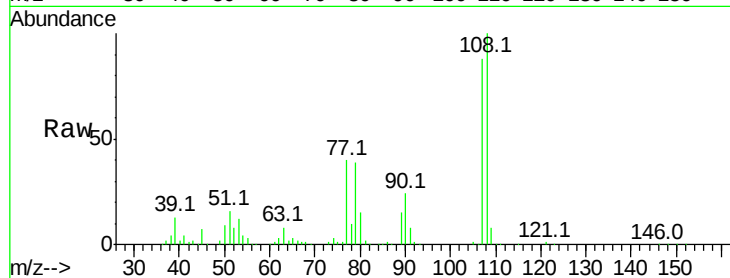
Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampled :

PB85910BS



Tot Ion:107 Resp: 175852

Ion Ratio Lower Upper

107 100

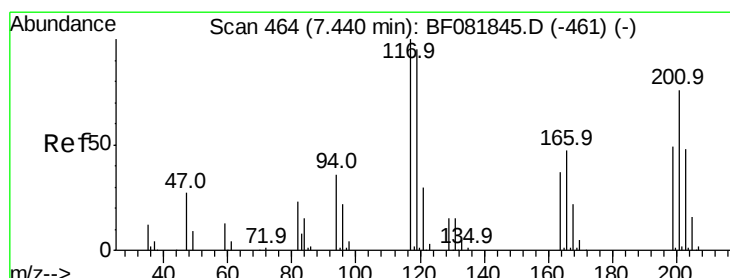
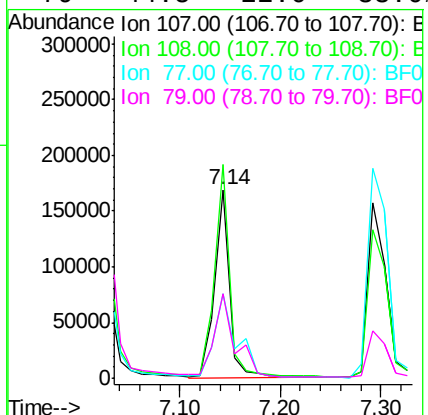
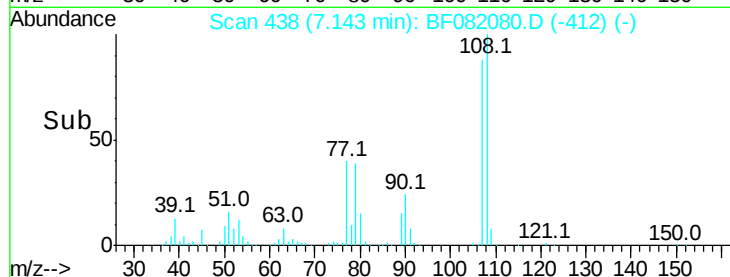
108 113.3 96.6 145.0

77 45.0 23.3 34.9#

79 44.5 22.0 33.0#

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#18

Hexachloroethane

Concen: 44.76 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

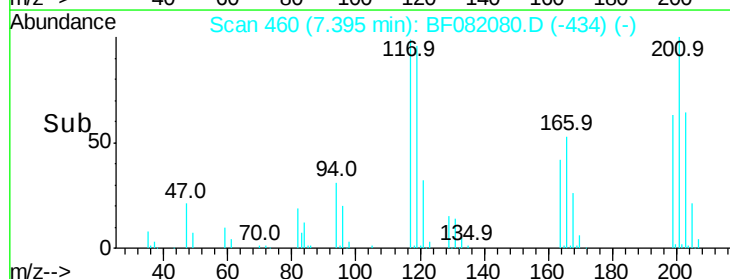
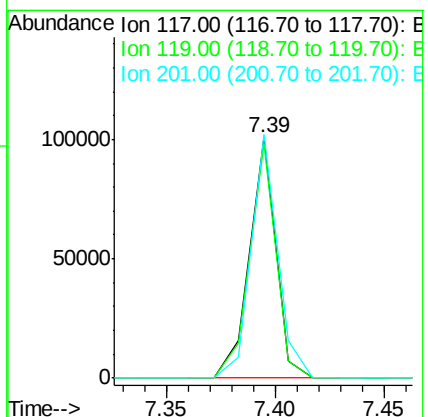
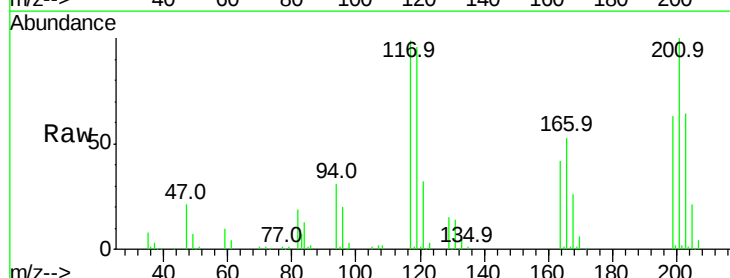
Tgt Ion:117 Resp: 84828

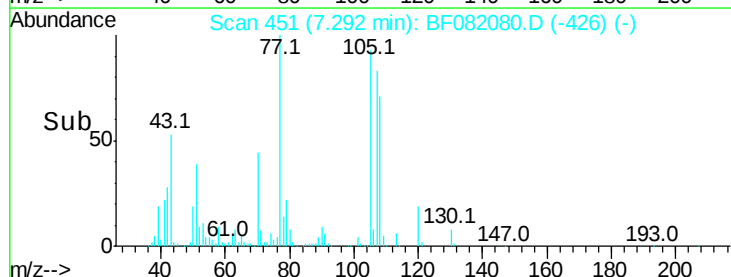
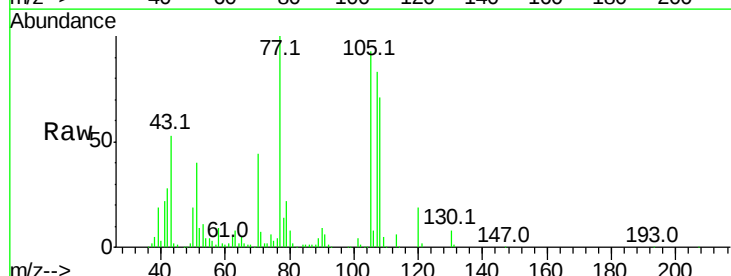
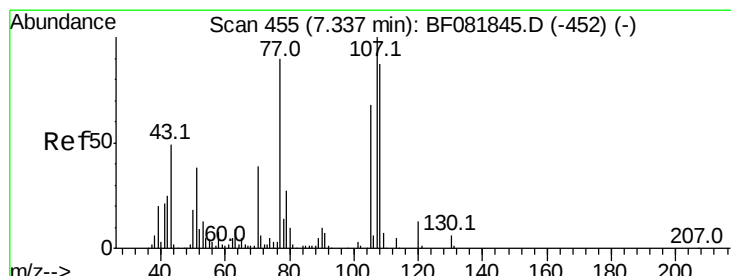
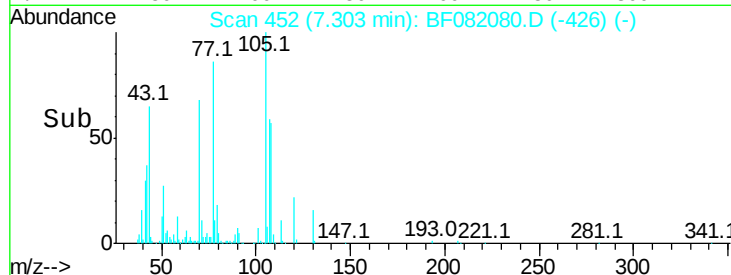
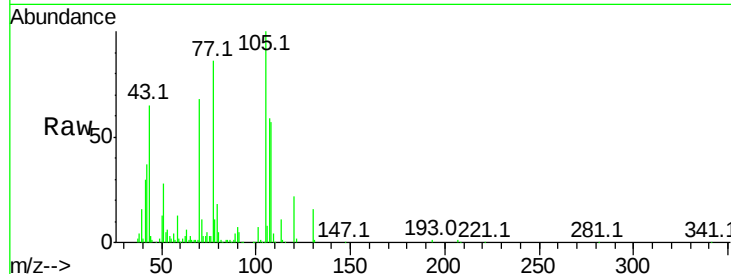
Ion Ratio Lower Upper

117 100

119 97.6 83.8 125.6

201 101.1 55.1 82.7#





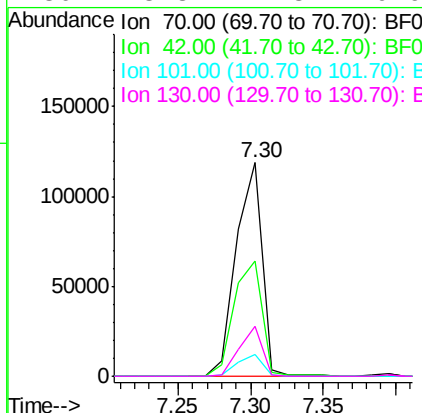
#19
n-Nitroso-di-n-propylamine
Concen: 43.29 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	63.8	95.6#
101	10.3	9.2	13.8
130	23.3	27.3	40.9#

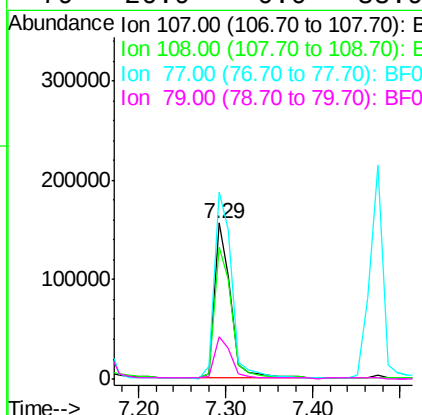
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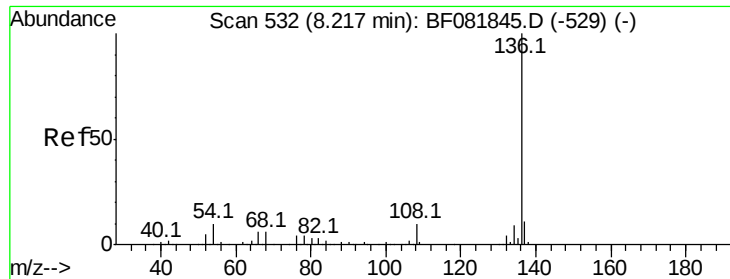
mmdadoda
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#20
3+4-Methylphenols
Concen: 40.44 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	74.6	114.6
77	119.9	0.7	40.7#
79	26.9	0.0	38.9





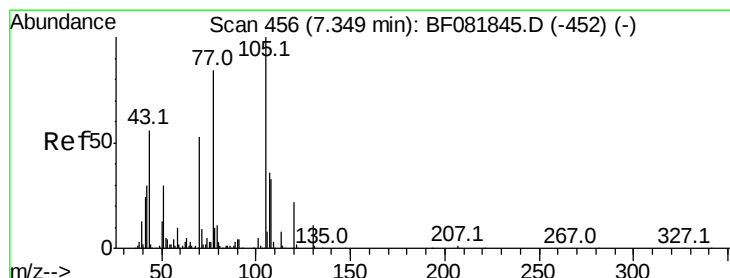
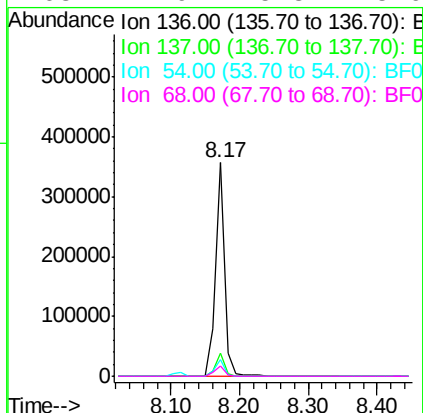
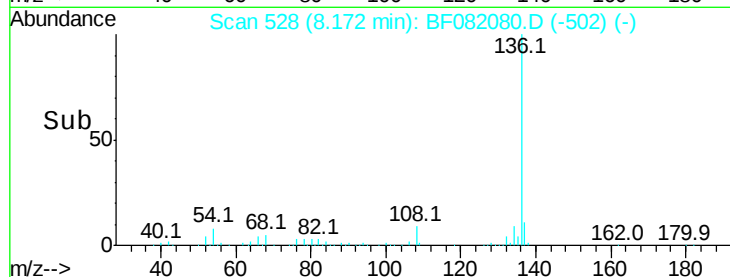
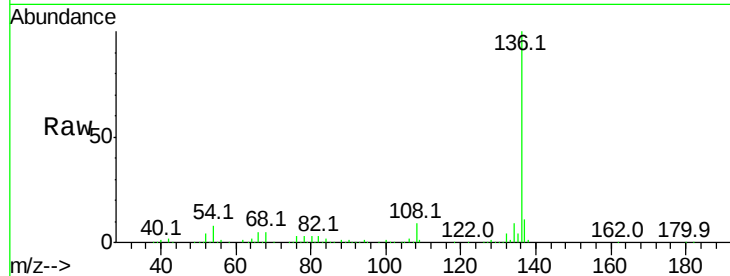
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.6	
54	7.6	8.2	12.2#	
68	4.9	5.8	8.6#	

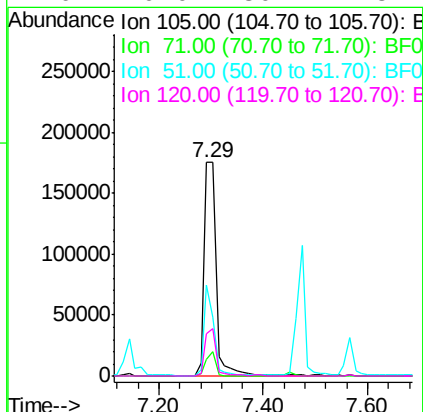
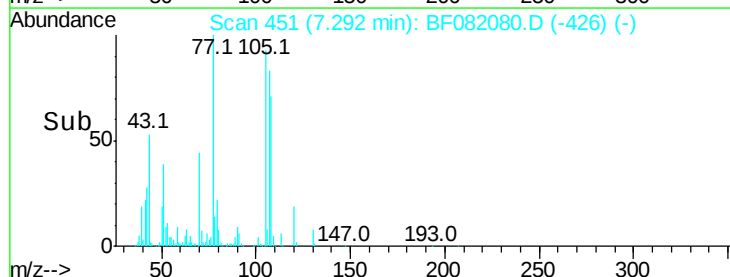
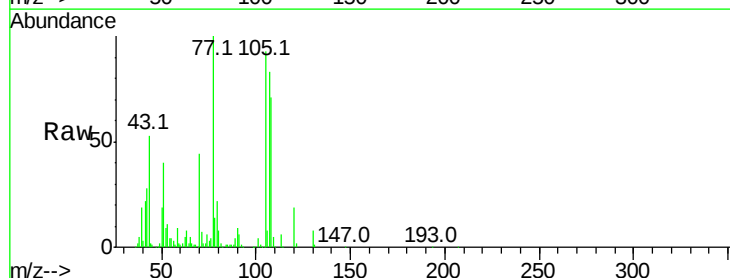
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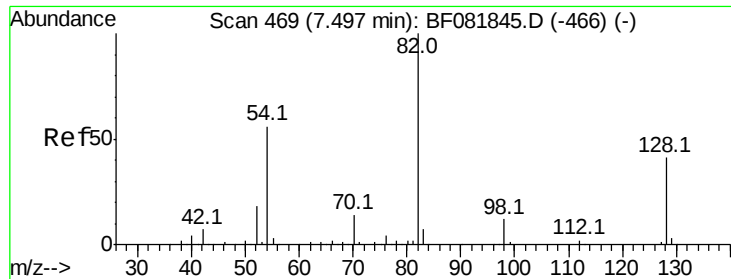
mmdadoda
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#22
Acetophenone
Concen: 41.60 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.7	7.1#	
51	42.5	22.0	33.0#	
120	20.0	30.1	45.1#	





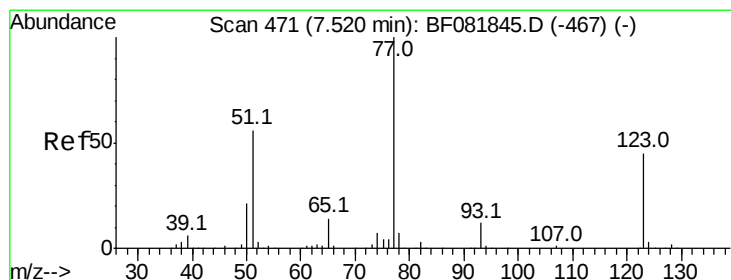
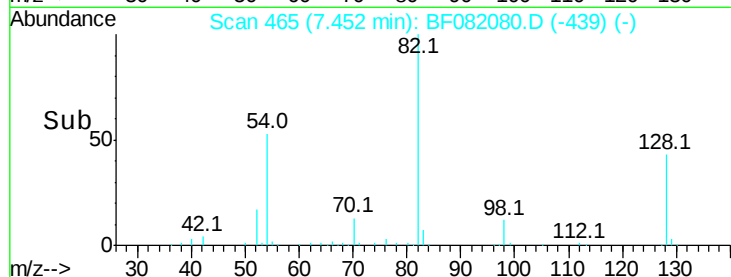
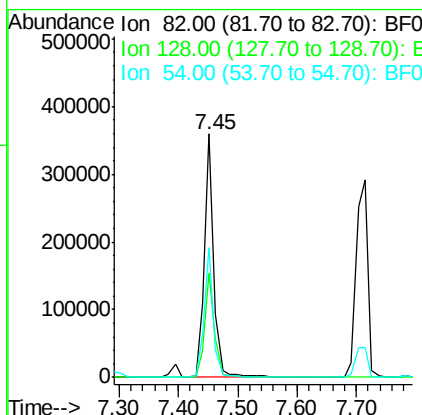
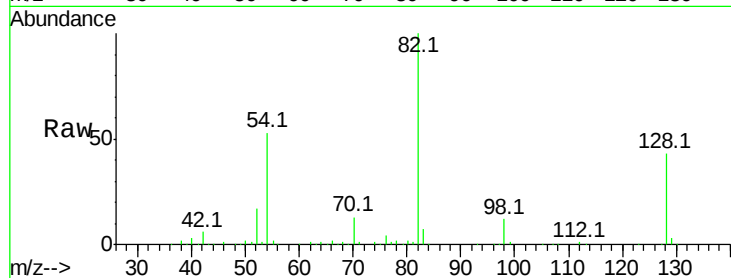
#23
Nitrobenzene-d5
Concen: 82.63 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	51.0	76.6#
54	53.4	47.5	71.3

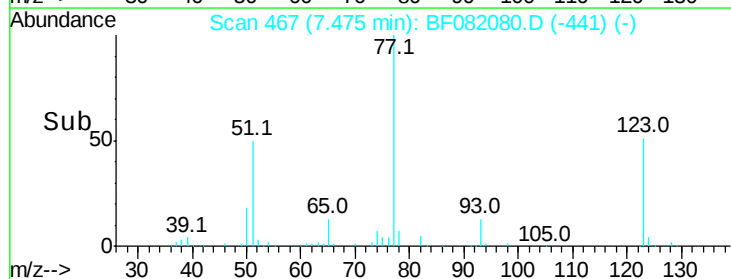
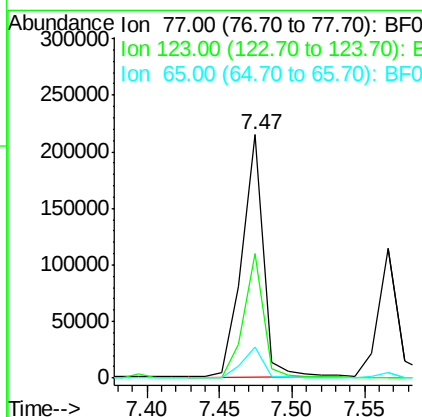
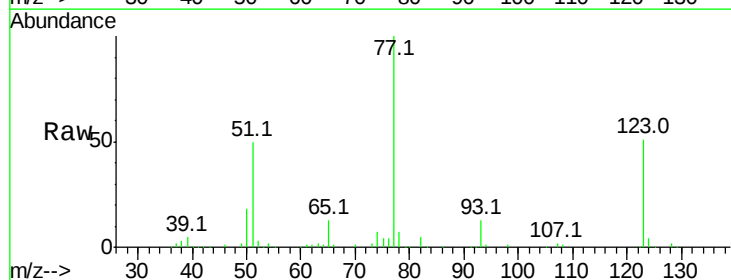
Manual Integrations
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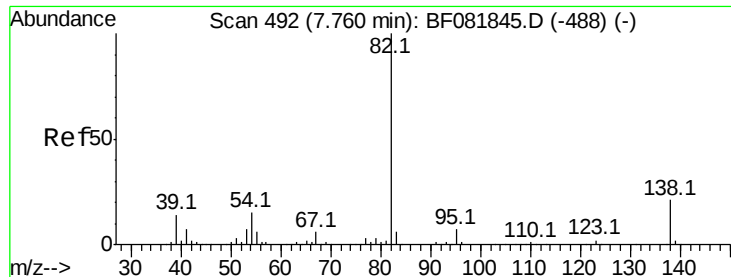
mmdadoda
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#24
Nitrobenzene
Concen: 40.87 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	59.8	89.8#
65	12.9	10.2	15.4





#25

Isophorone

Concen: 39.63 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

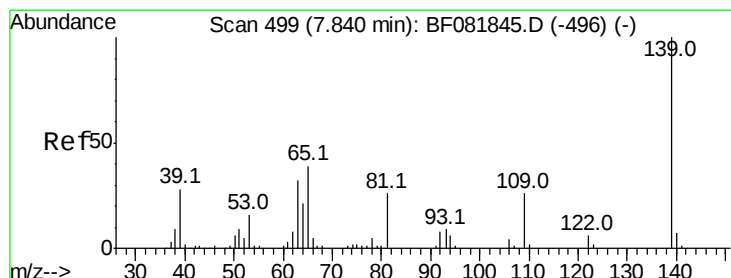
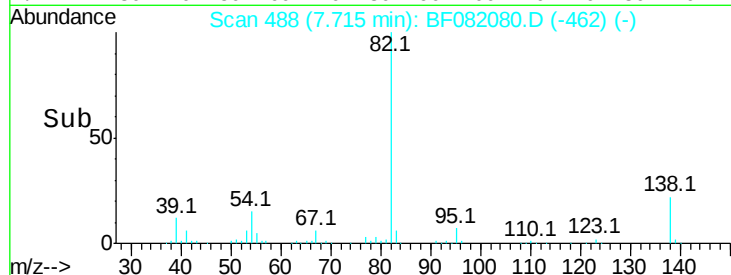
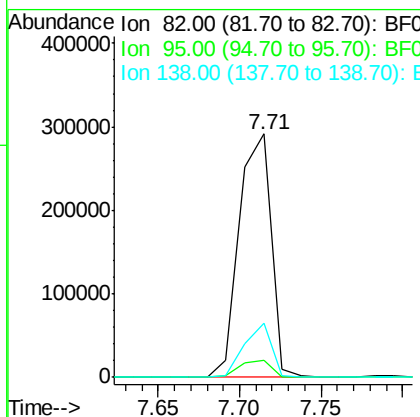
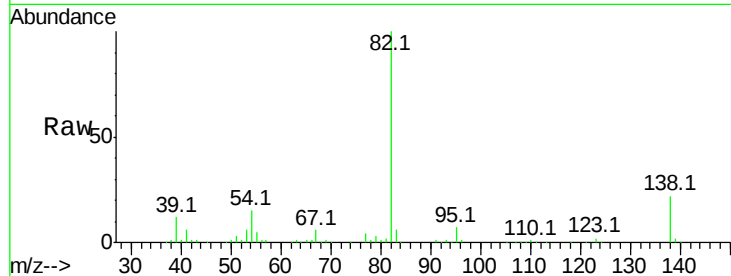
ClientSampleId :

PB85910BS

Tot Ion:	82	Resp:	393366
Ion Ratio	Lower	Upper	
82	100		
95	7.2	4.0	6.0#
138	22.1	18.3	27.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.02 ng

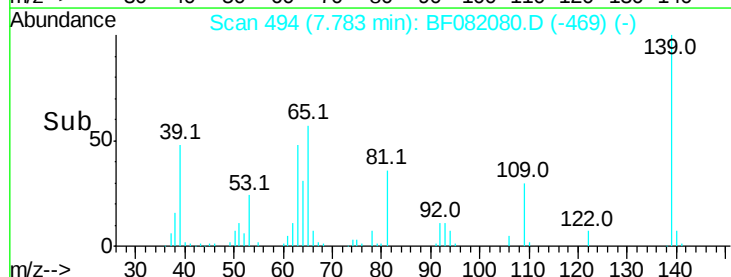
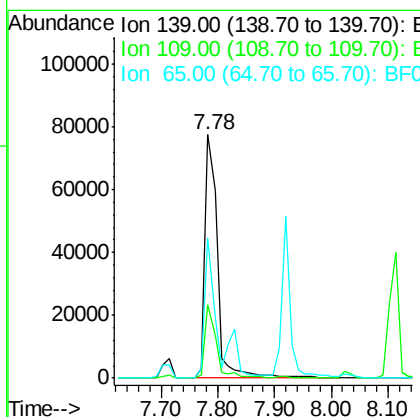
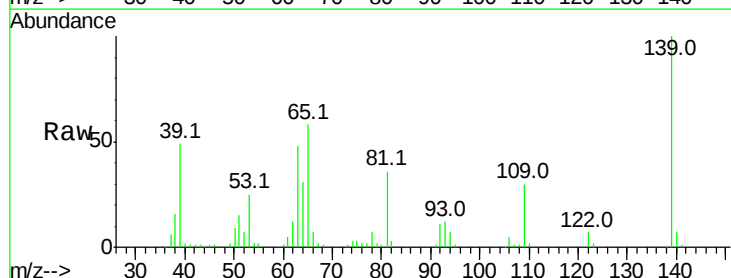
RT: 7.78 min Scan# 494

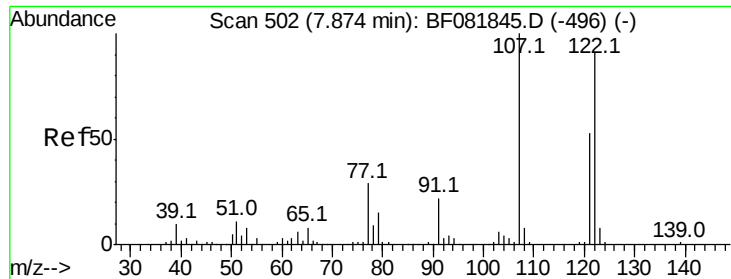
Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:	139	Resp:	112298
Ion Ratio	Lower	Upper	
139	100		
109	30.0	11.0	16.4#
65	57.7	24.7	37.1#





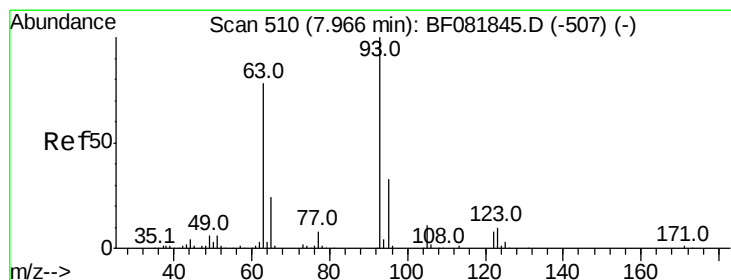
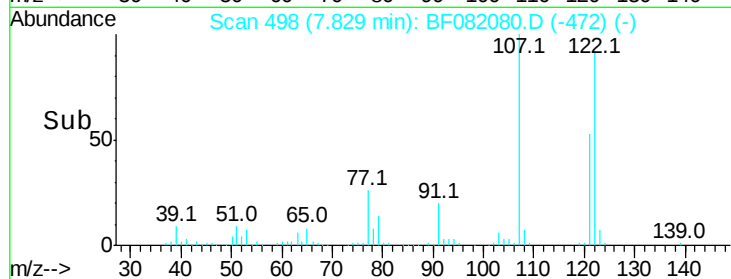
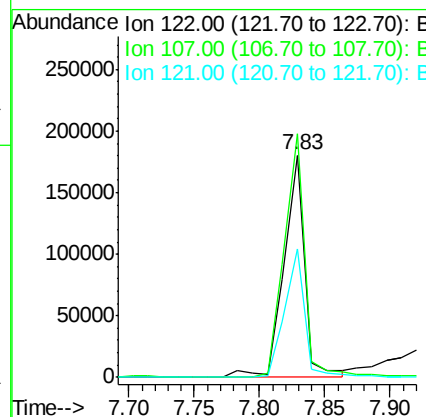
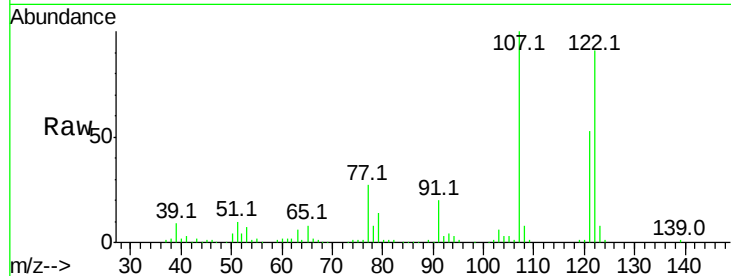
#27
 2,4-Dimethylphenol
 Concen: 43.84 ng
 RT: 7.83 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	71.8	107.6#
121	57.7	42.3	63.5

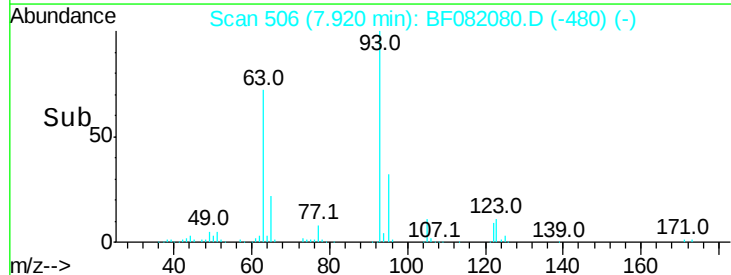
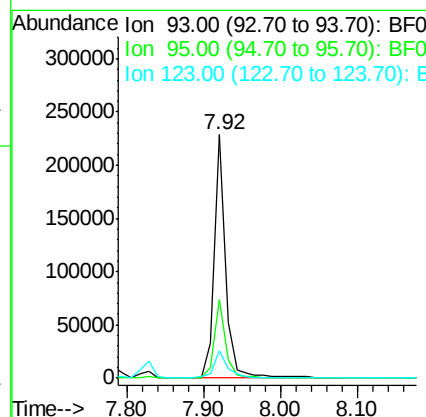
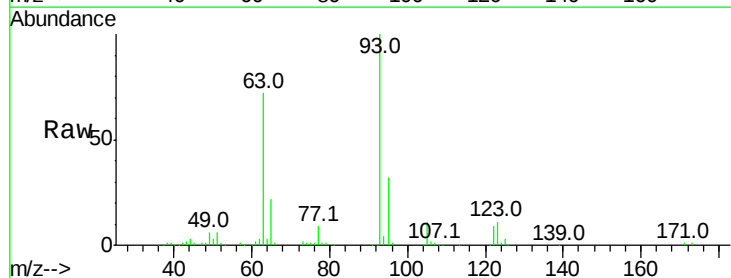
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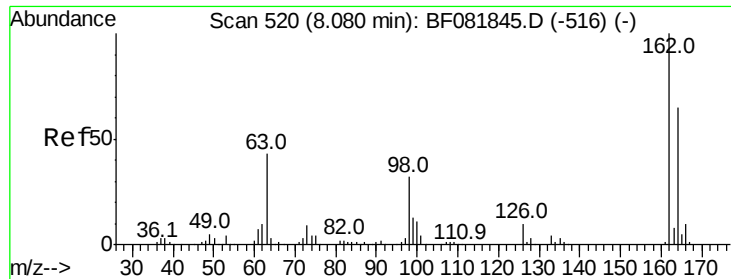
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.98 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.5	41.3
123	11.1	13.7	20.5#





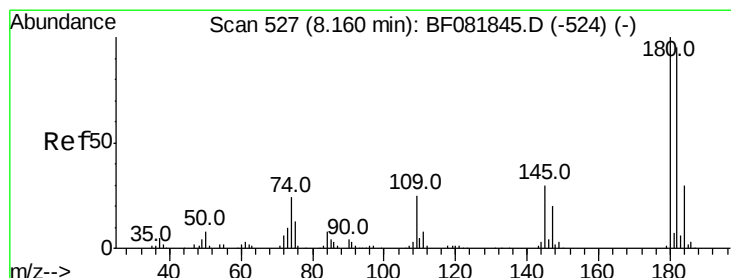
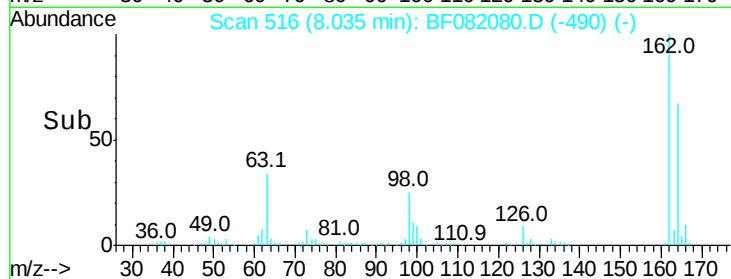
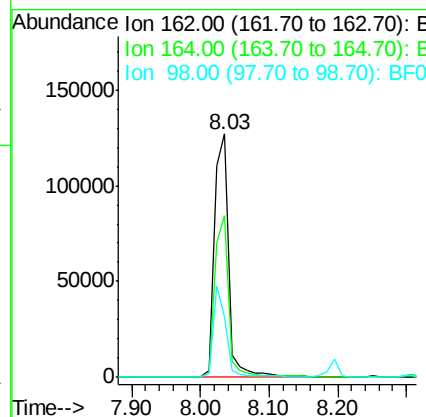
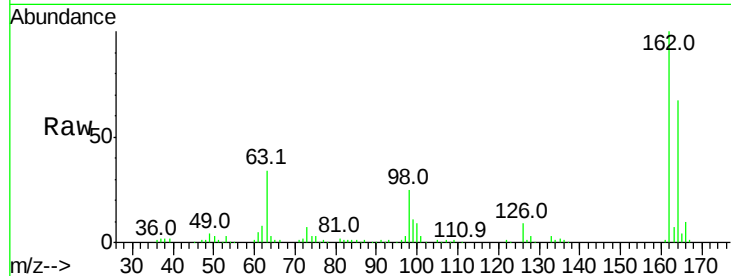
#29
 2,4-Dichlorophenol
 Concen: 42.14 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.6	44.9	84.9
98	25.0	13.0	53.0

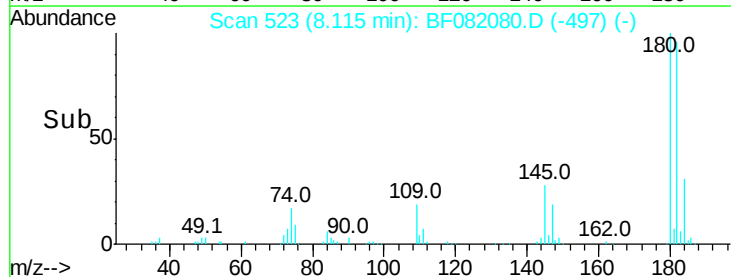
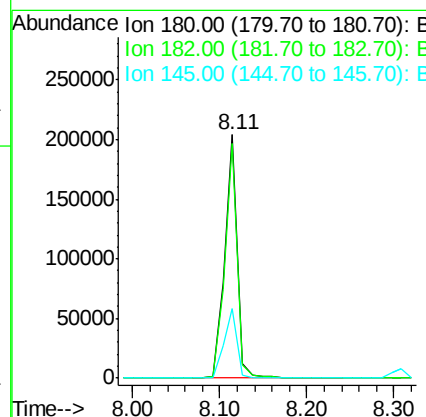
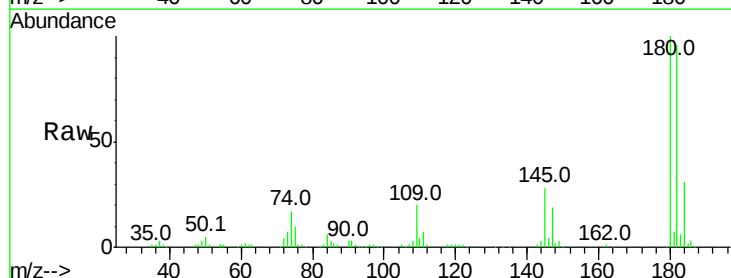
Manual Integrations
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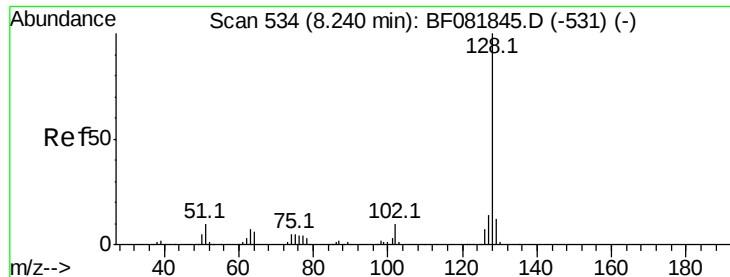
mmdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.09 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	77.1	115.7
145	28.4	23.3	34.9





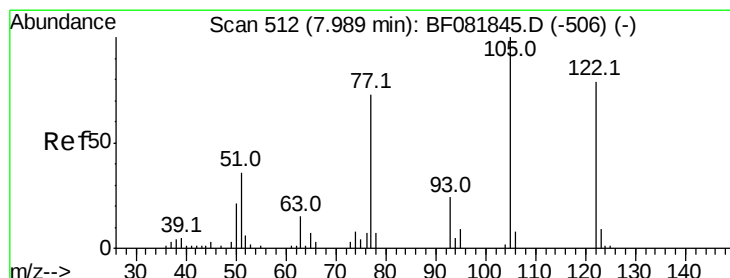
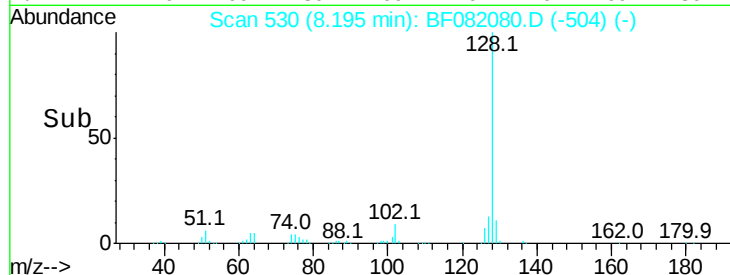
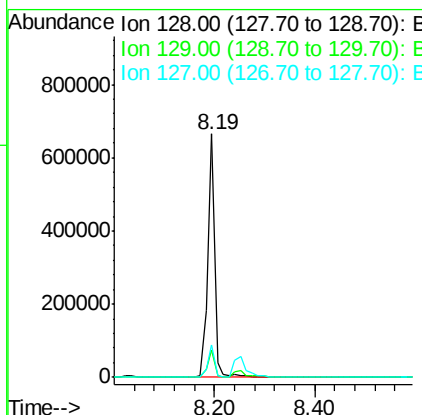
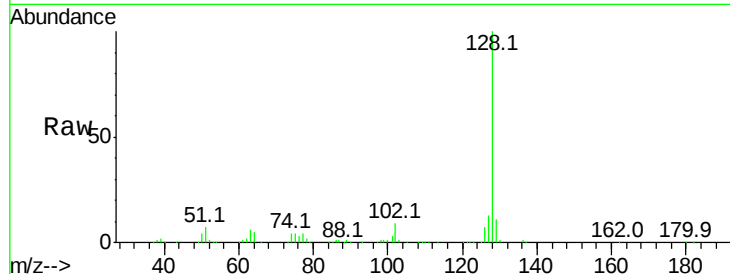
#31
Naphthalene
Concen: 43.28 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	640220		
129	11.2		8.4	12.6
127	13.4		9.9	14.9

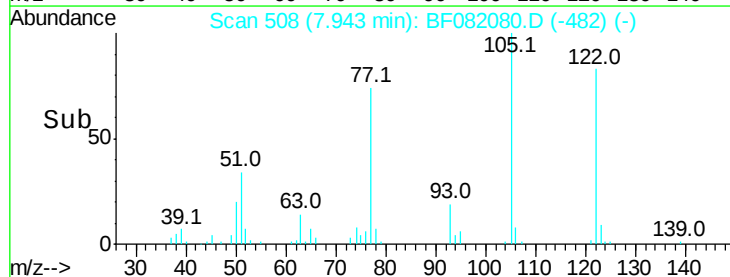
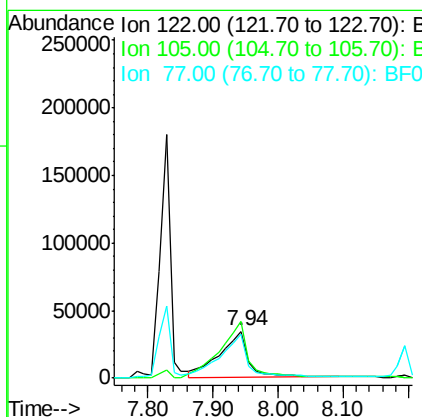
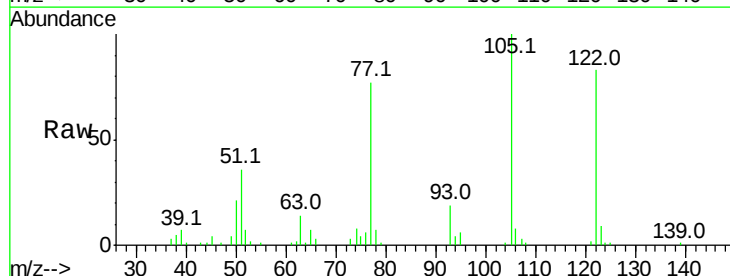
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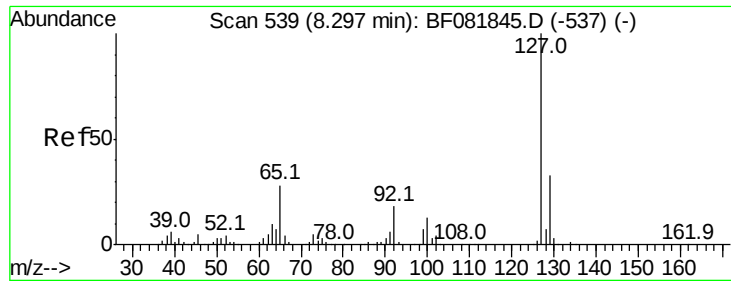
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#32
Benzoic acid
Concen: 40.06 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	106087		
105	121.2		76.1	116.1#
77	93.3		40.5	80.5#





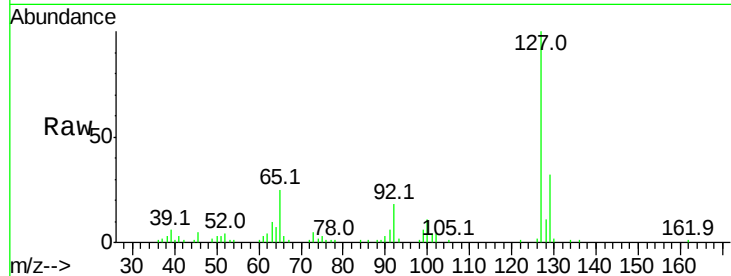
#33
 4-Chloroaniline
 Concen: 17.15 ng
 RT: 8.25 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

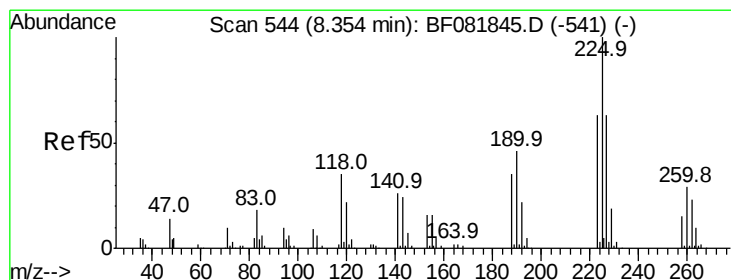
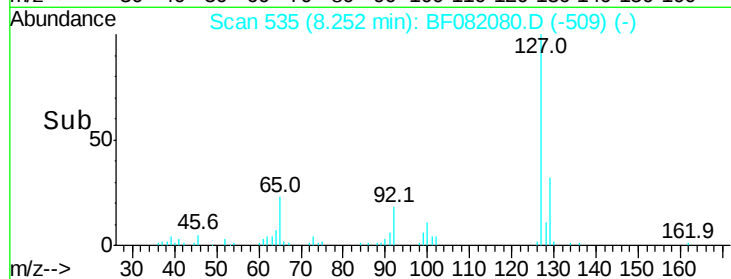
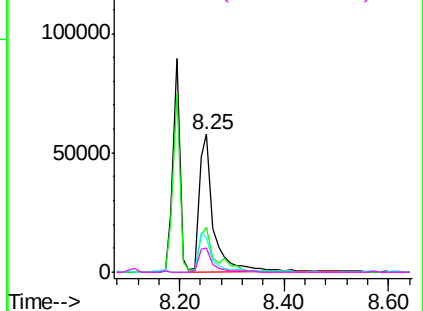
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	25.2	17.9	26.9
92	17.6	10.5	15.7

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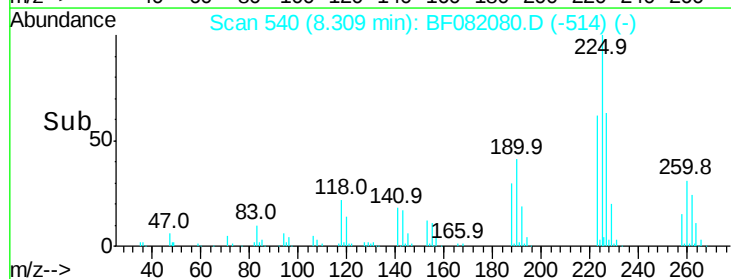
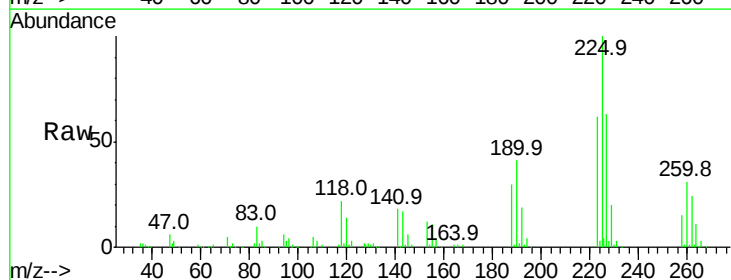
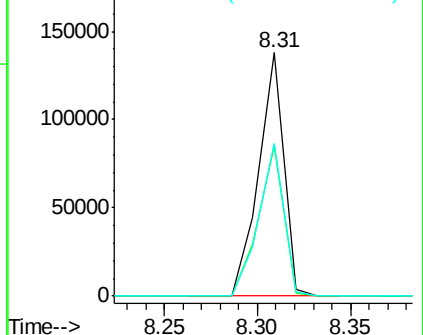
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

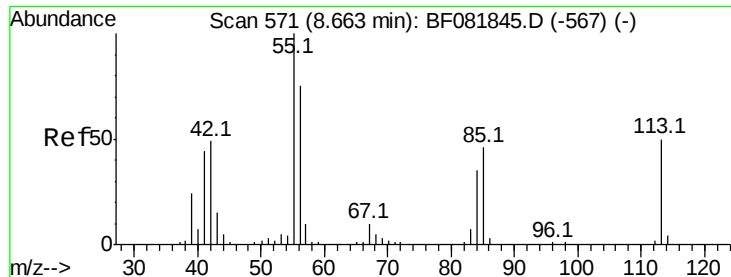


#34
 Hexachlorobutadiene
 Concen: 43.50 ng
 RT: 8.31 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	62.9	52.2	78.2

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: 48.10 ng/mL

RT: 8.62 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

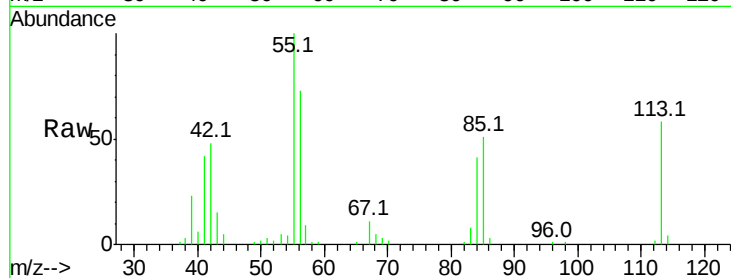
ClientSampleID :

PB85910BS

Tot Ion:	113	Resp:	59289
Ion Ratio	Lower	Upper	
113	100		
55	171.9	152.4	192.4
56	126.0	104.6	144.6

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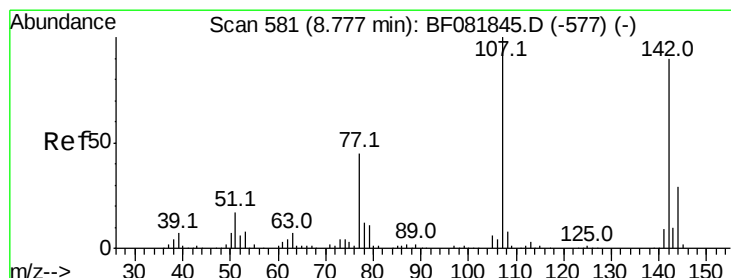
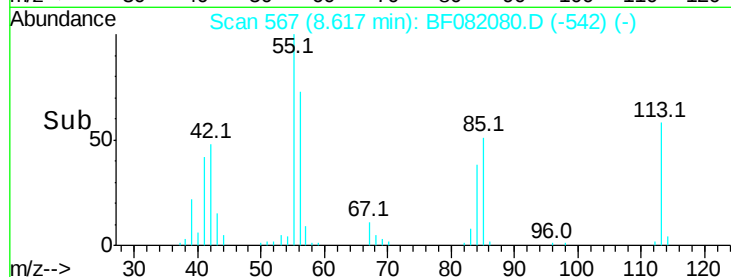
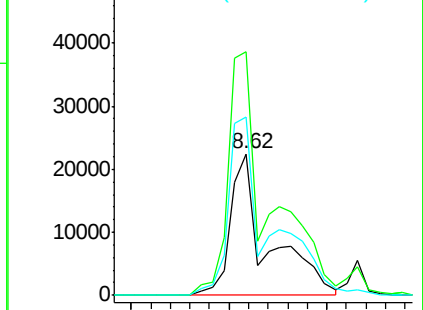
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.17 ng/mL

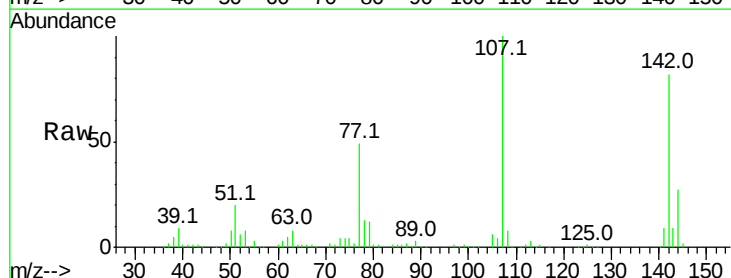
RT: 8.73 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

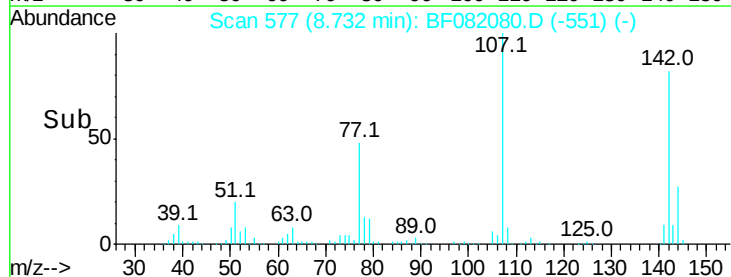
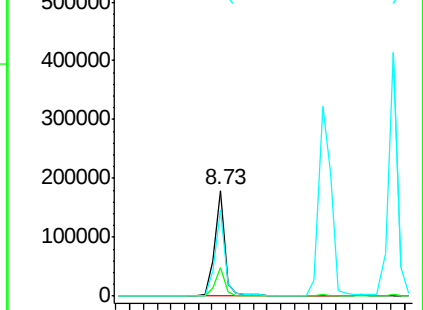
Tgt Ion:	107	Resp:	196665
Ion Ratio	Lower	Upper	
107	100		
144	26.7	25.4	38.0
142	81.7	77.3	115.9

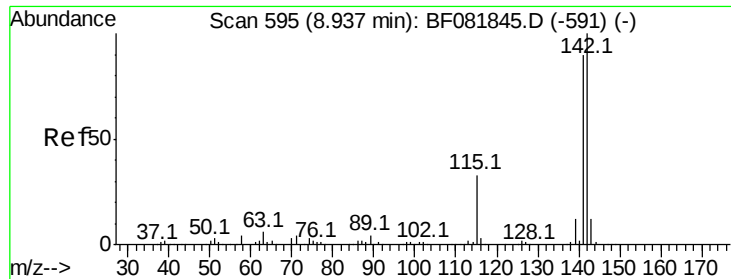


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





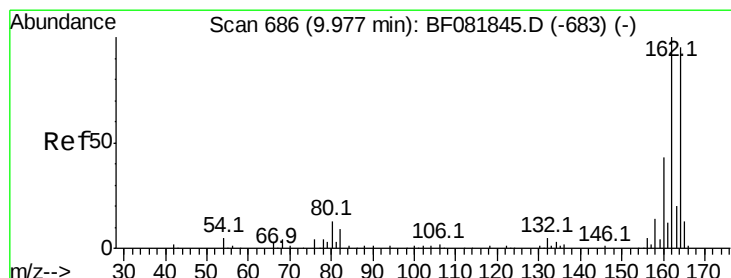
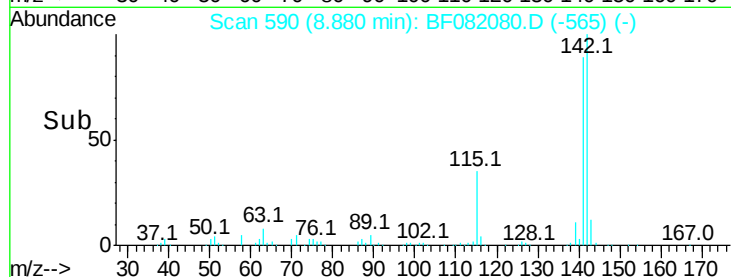
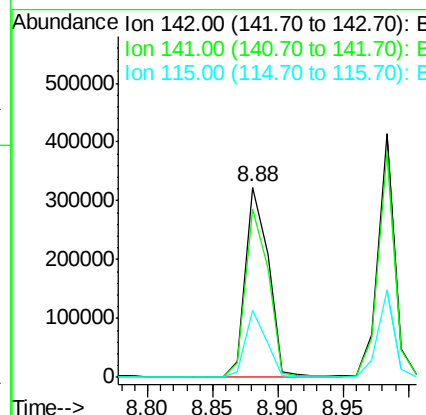
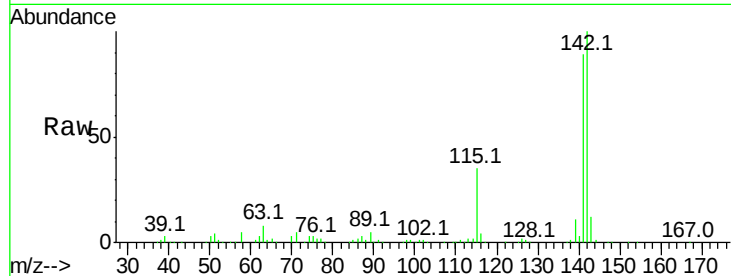
#37
2-Methylnaphthalene
Concen: 39.48 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	88.5	67.5	101.3
115	35.3	18.2	27.2#

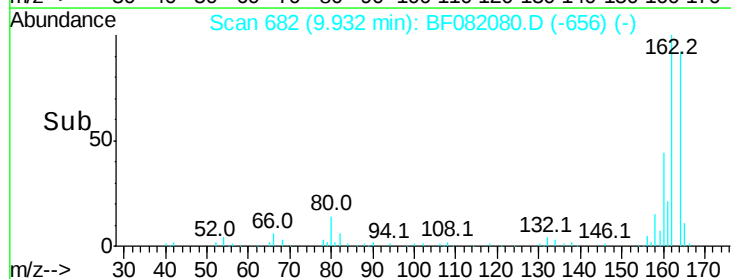
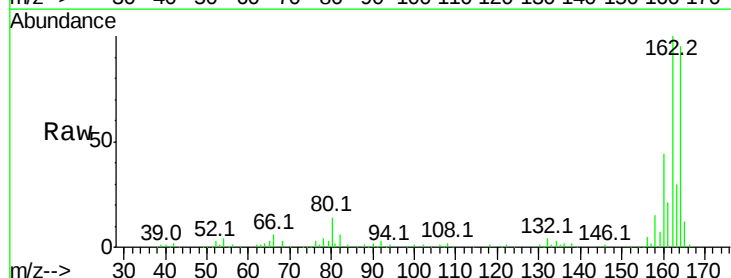
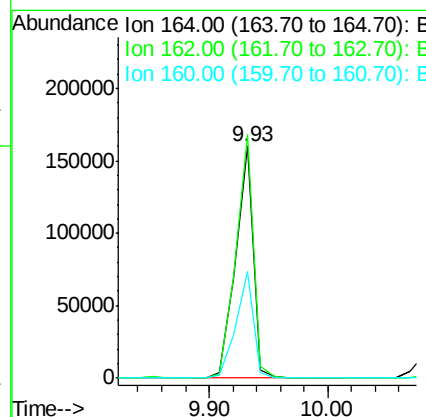
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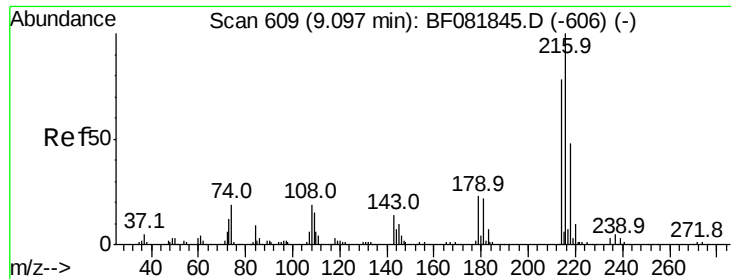
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	105.0	75.2	112.8
160	45.8	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.64 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

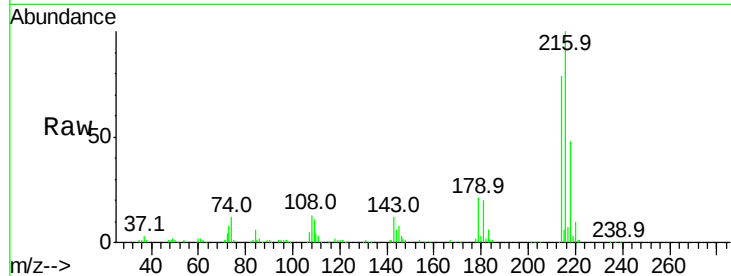
ClientSampleId :

PB85910BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	215518		
214	78.7	63.5	95.3	
179	21.1	16.6	24.8	
108	18.0	16.3	24.5	

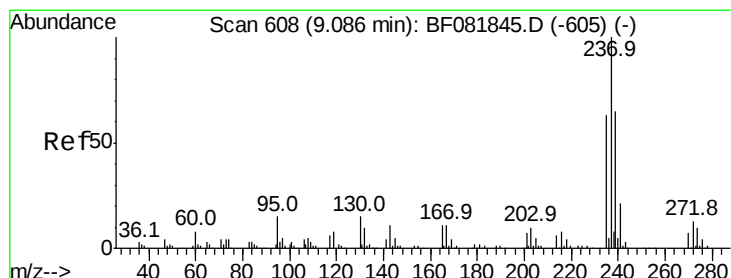
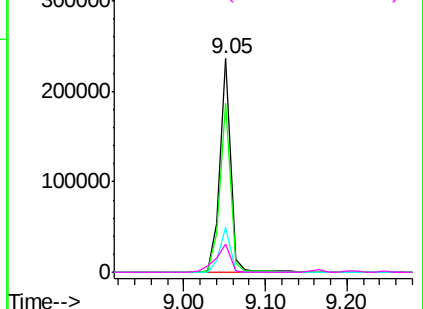
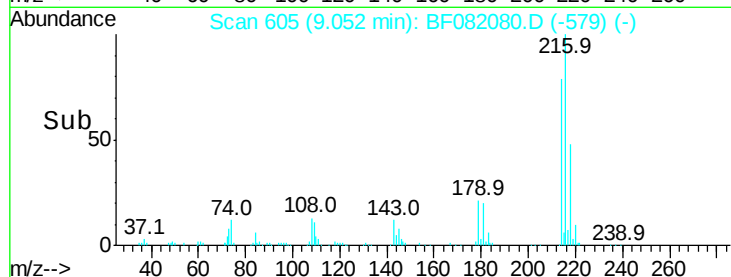


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.12 ng

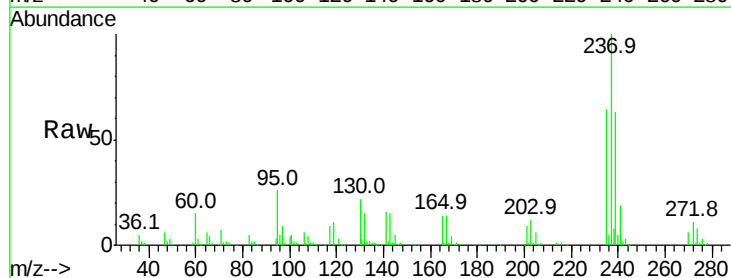
RT: 9.03 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

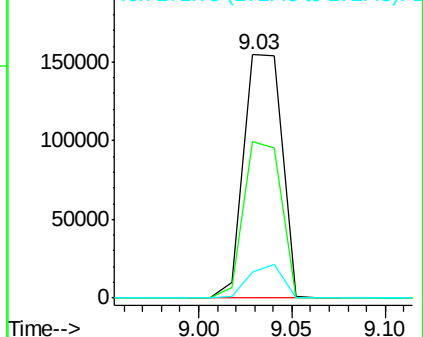
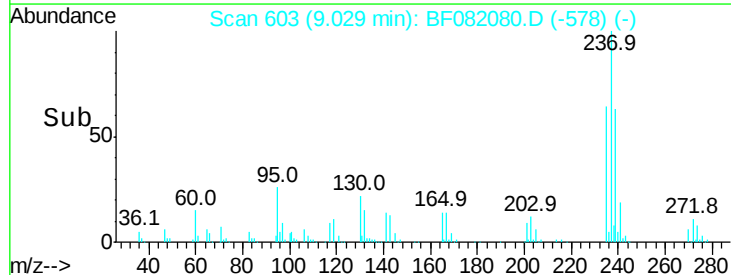
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	218965		
235	64.4	42.0	82.0	
272	10.8	0.0	36.1	

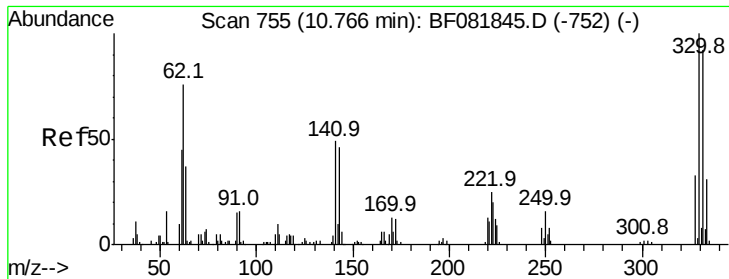


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





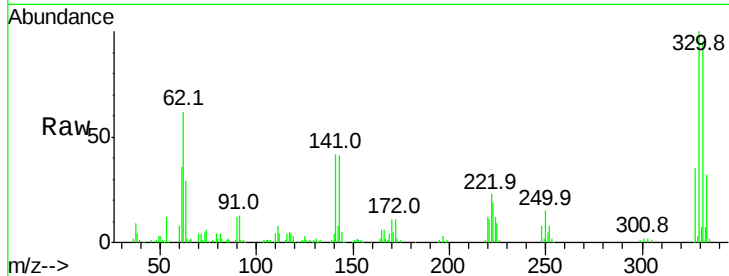
#41
 2,4,6-Tribromophenol
 Concen: 116.32 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

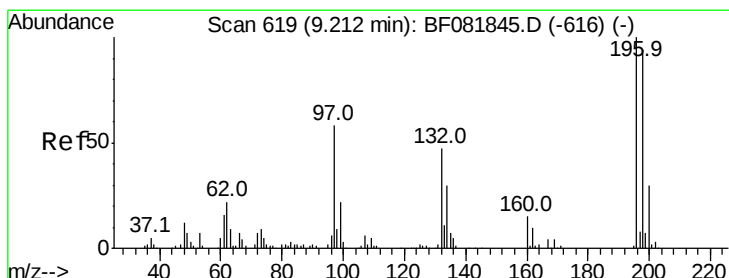
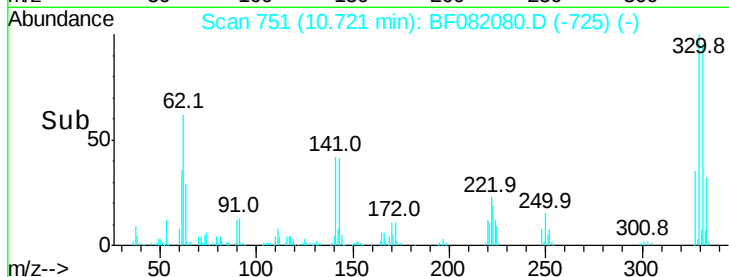
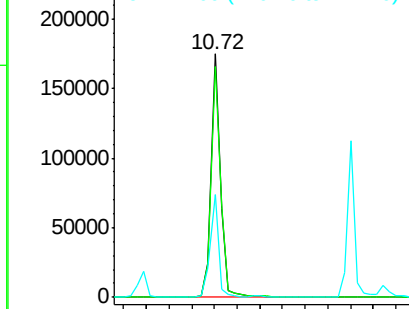
Tot Ion	Ratio	Resp	Lower	Upper
330	100	193952		
332	96.7	76.6	114.8	
141	37.3	29.7	44.5	

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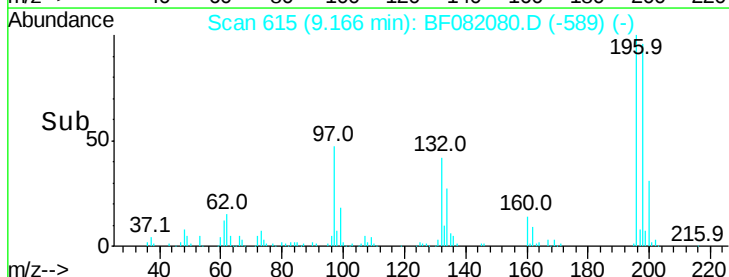
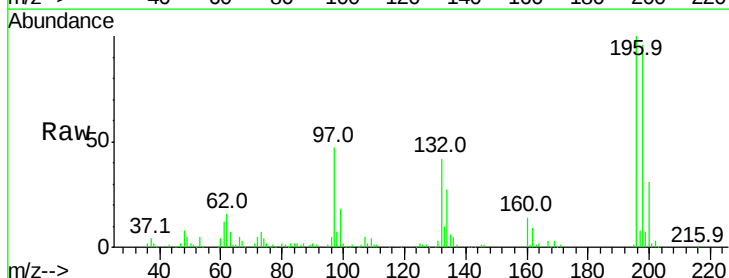
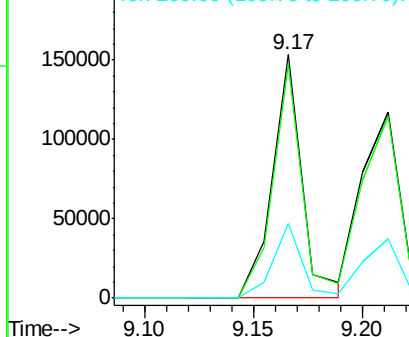
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

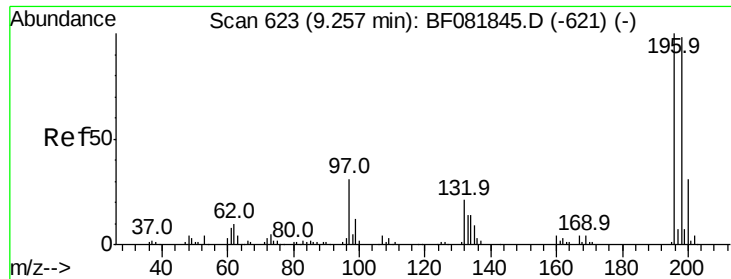


#42
 2,4,6-Trichlorophenol
 Concen: 42.43 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	147021		
198	95.9	75.7	113.5	
200	30.9	23.9	35.9	

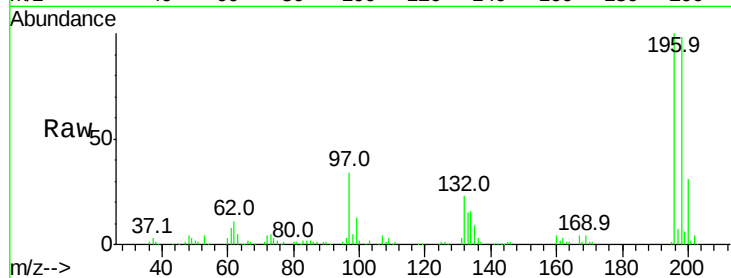
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

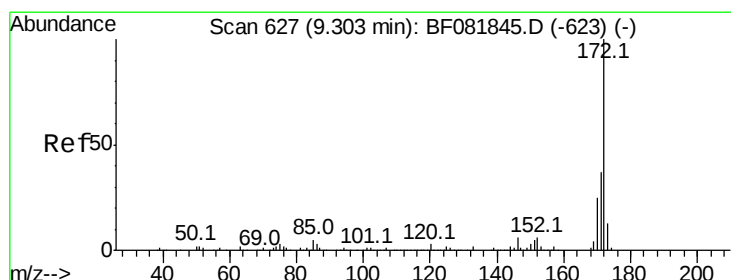
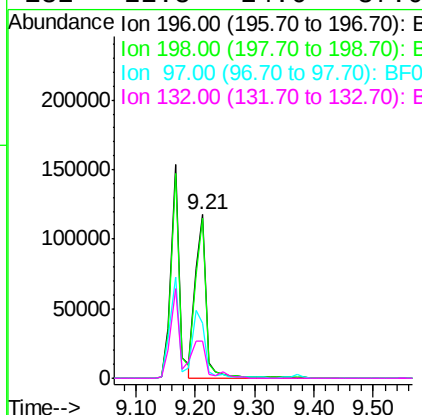
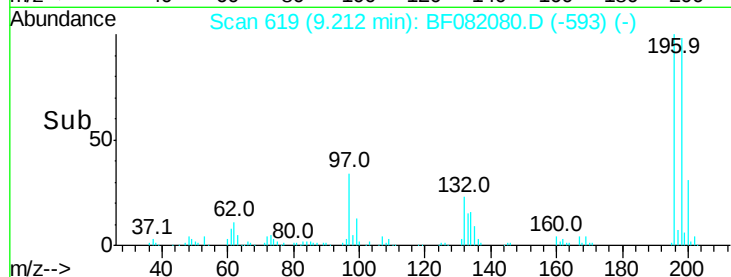
Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS



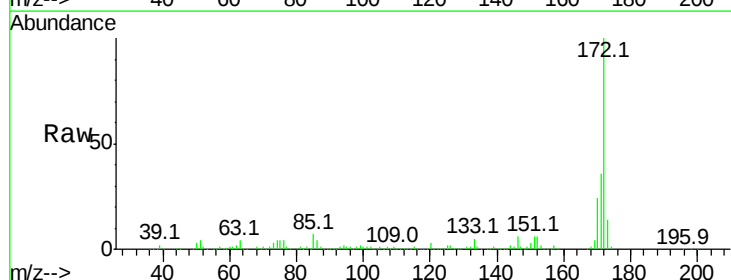
Tot Ion	Ratio	Resp	Lower	Upper
196	100	157033		
198	97.6	75.4	113.0	
97	34.0	33.3	49.9	
132	22.8	24.6	37.0	

Manual Integrations
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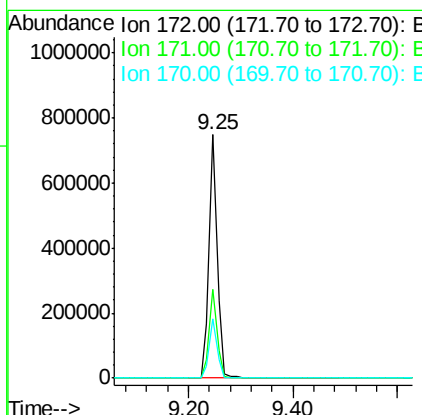
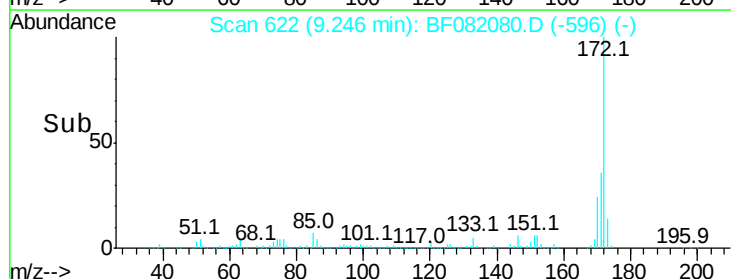
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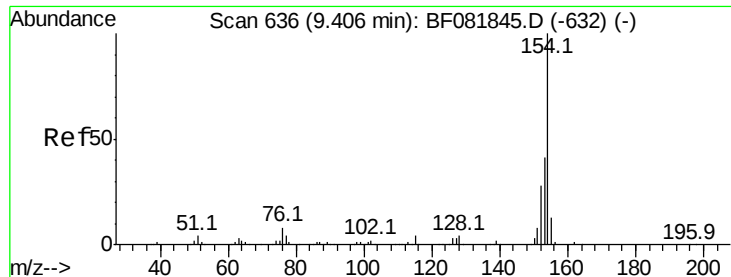


#44
 2-Fluorobiphenyl
 Concen: 82.47 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	816123		
171	36.3	26.1	39.1	
170	24.4	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 41.01 ng

RT: 9.35 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

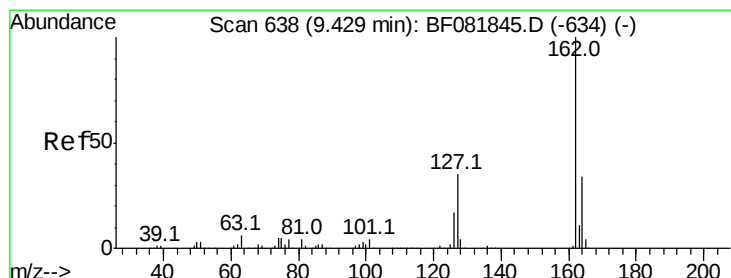
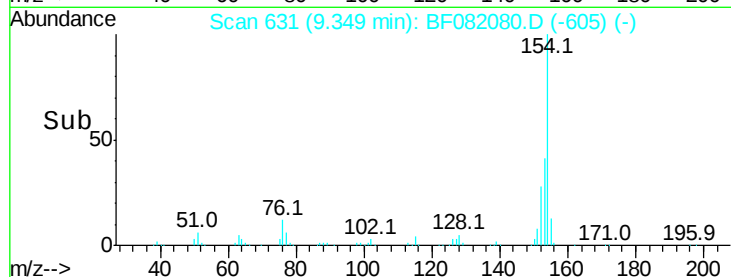
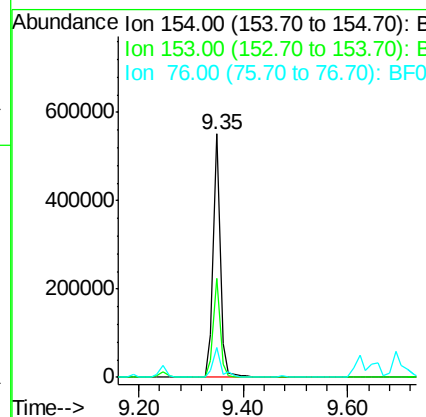
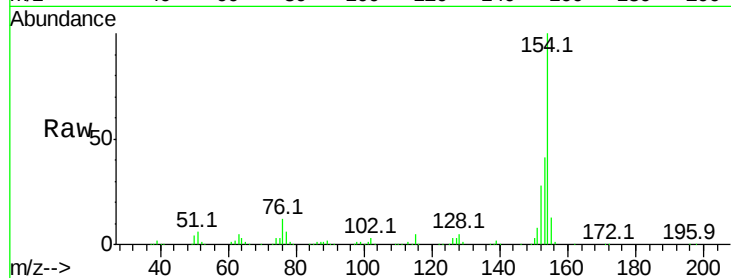
ClientSampleId :

PB85910BS

Tot Ion:	154	Resp:	520925
Ion Ratio	Lower	Upper	
154	100		
153	40.5	17.1	57.1
76	12.2	0.0	31.6

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 39.59 ng

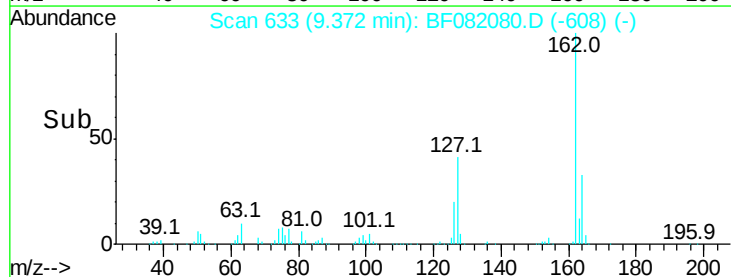
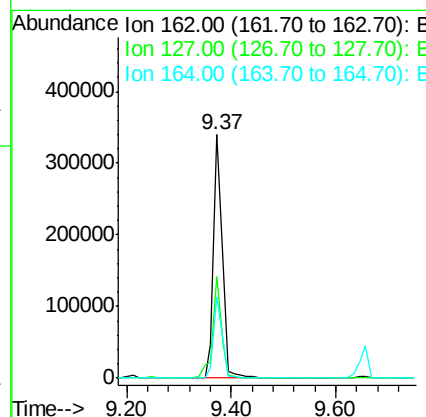
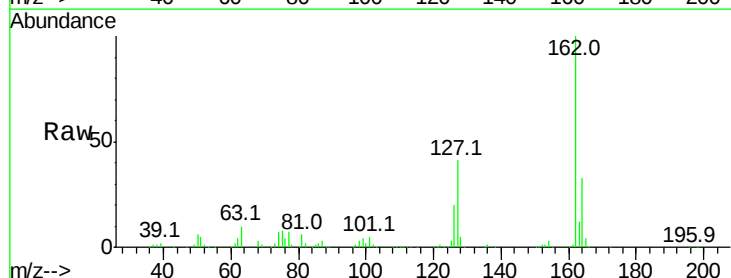
RT: 9.37 min Scan# 633

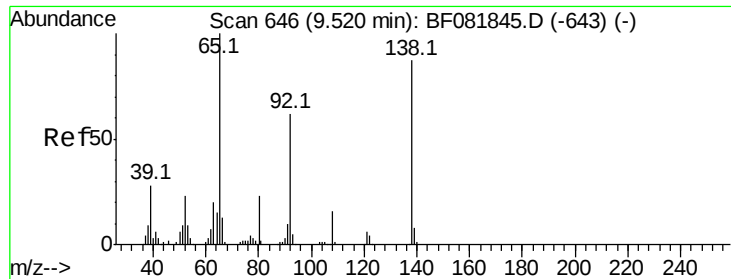
Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:	162	Resp:	394854
Ion Ratio	Lower	Upper	
162	100		
127	41.5	27.6	41.4#
164	33.2	25.4	38.2





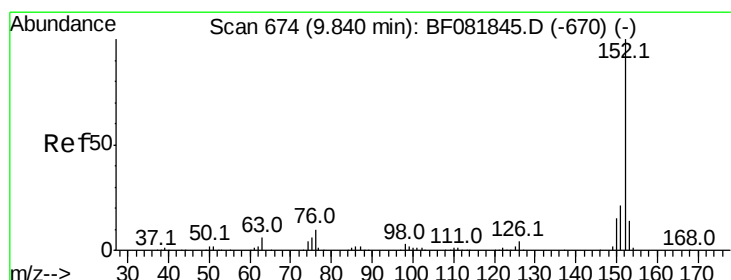
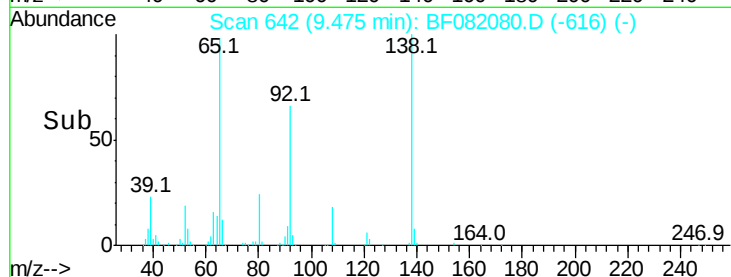
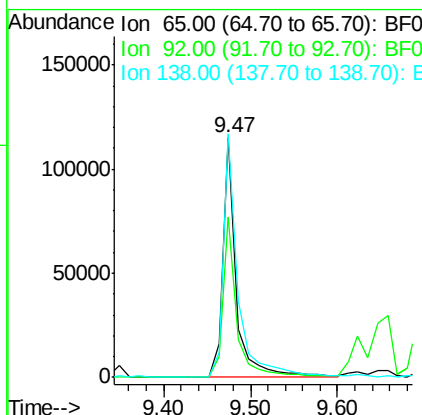
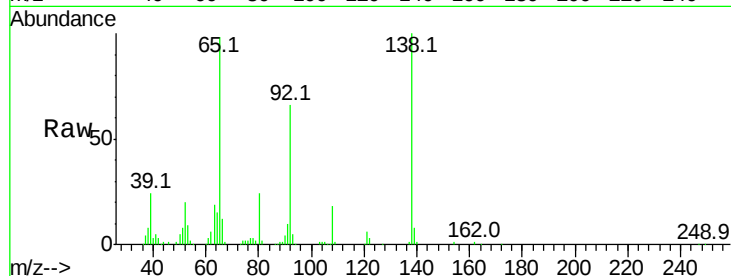
#47
2-Nitroaniline
Concen: 43.00 ng
RT: 9.47 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.4	83.0
138	101.8	115.5	173.3

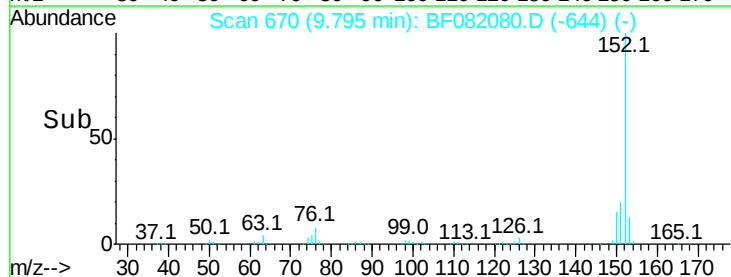
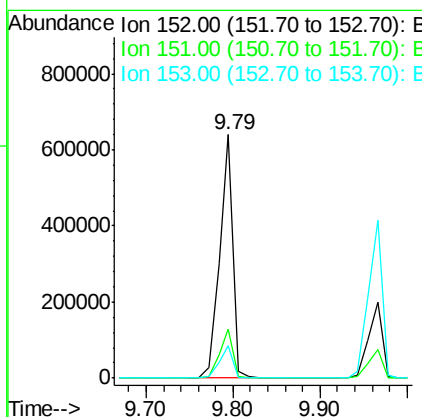
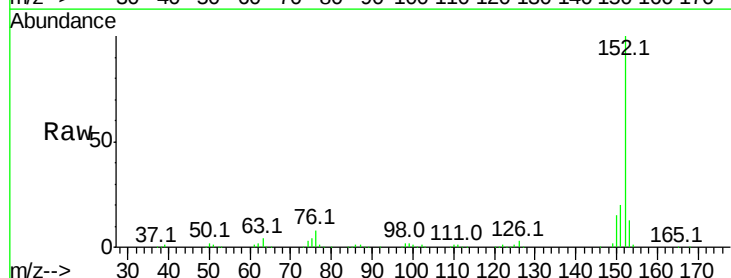
Manual Integrations
APPROVED

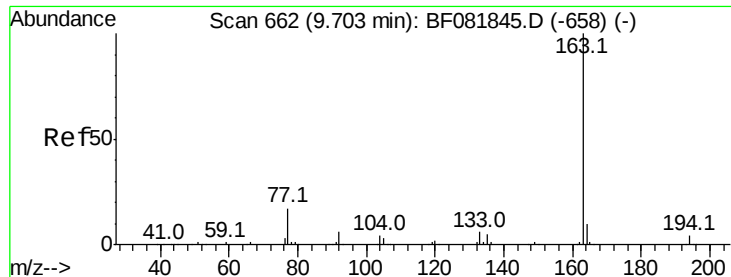
mmdadoda
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#48
Acenaphthylene
Concen: 43.17 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.3	10.3	15.5





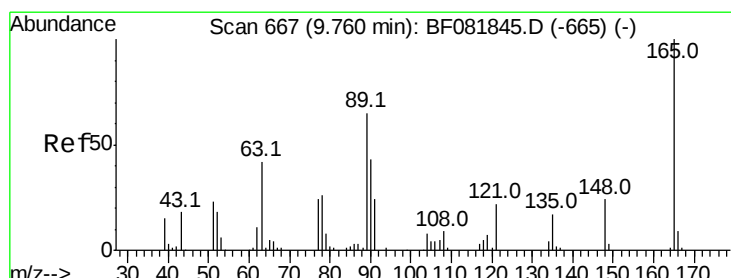
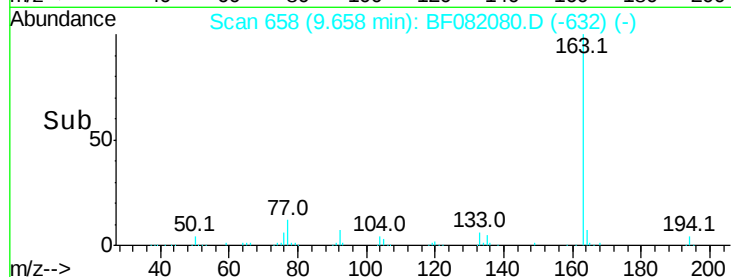
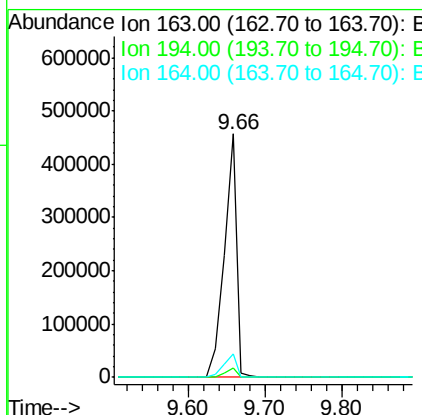
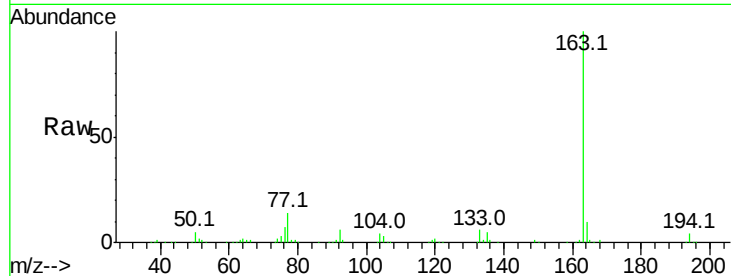
#49
Dimethylphthalate
Concen: 45.62 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	518407		
194	3.7		4.4	6.6#
164	9.9		8.3	12.5

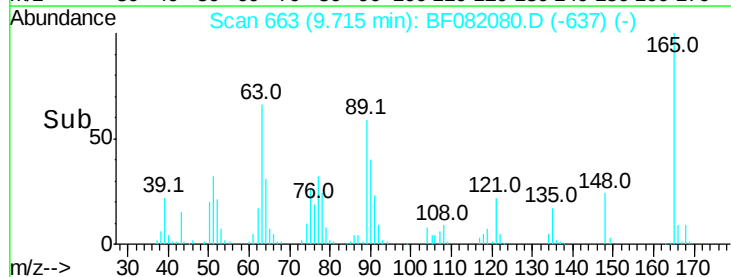
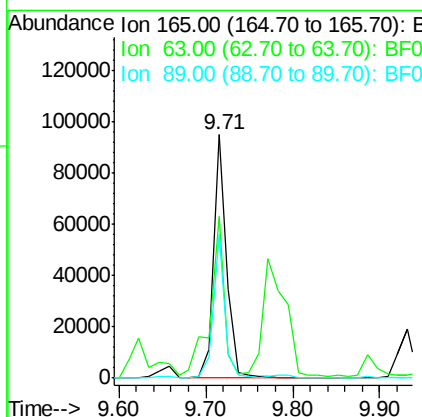
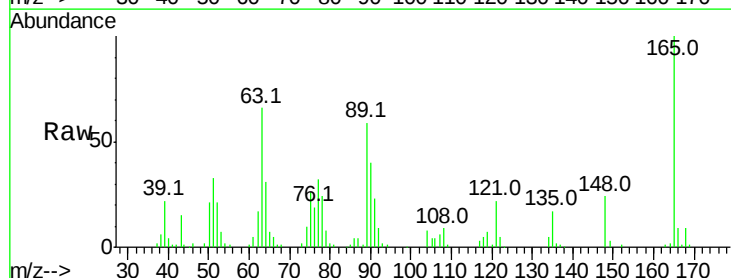
Manual Integrations
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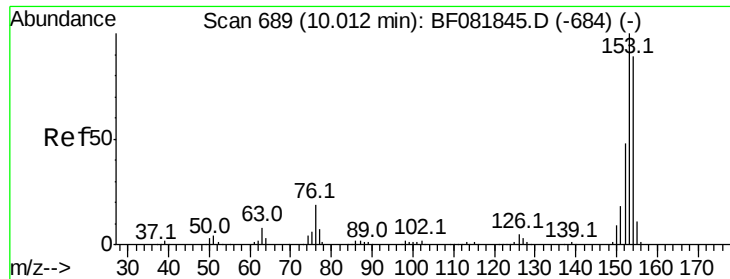
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#50
2,6-Dinitrotoluene
Concen: 41.17 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101575		
63	66.5		32.3	48.5#
89	59.3		28.6	43.0#





#51

Acenaphthene

Concen: 43.32 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

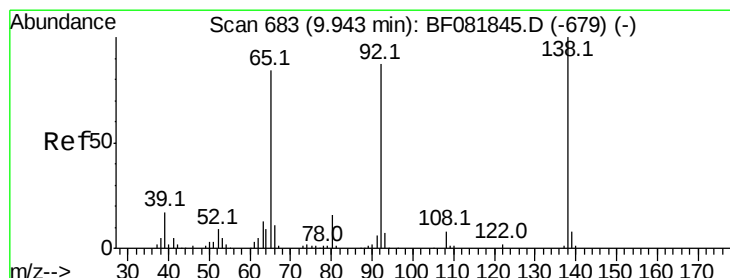
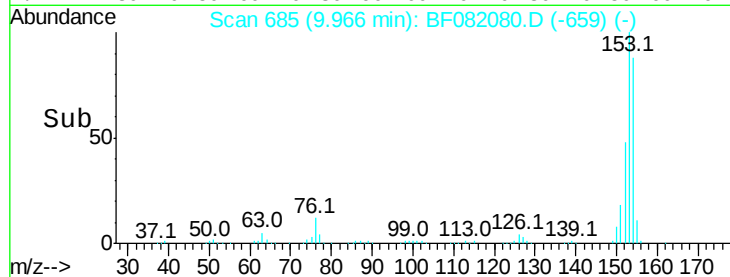
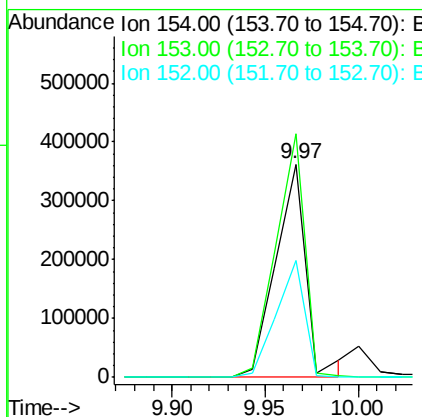
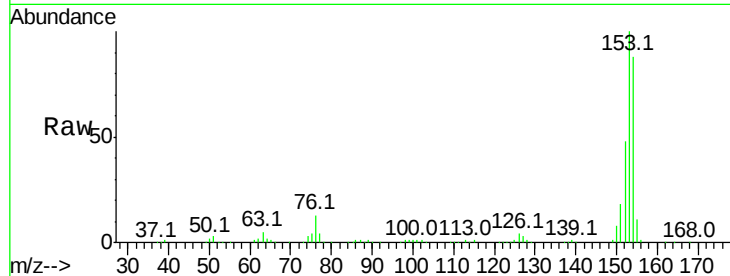
ClientSampled :

PB85910BS

Tot Ion:	154	Resp:	410608
Ion Ratio	Lower	Upper	
154	100		
153	114.3	82.1	123.1
152	55.0	37.9	56.9

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.43 ng

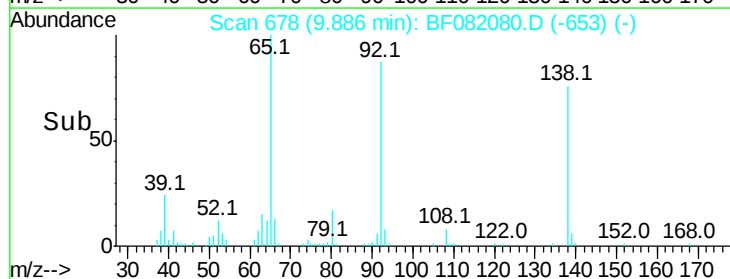
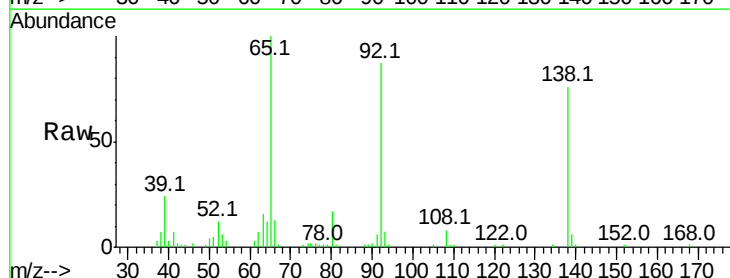
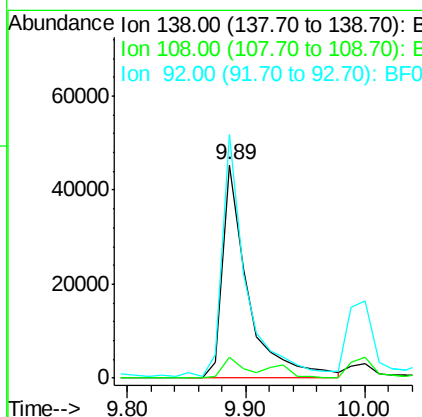
RT: 9.89 min Scan# 678

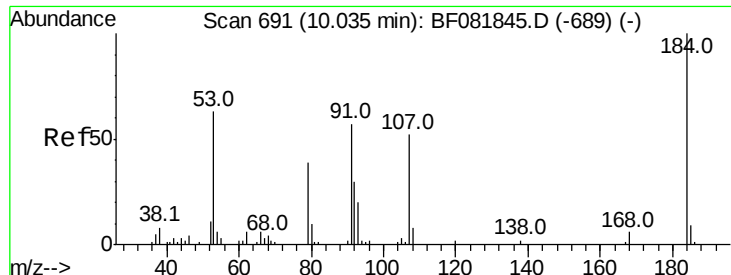
Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:	138	Resp:	66878
Ion Ratio	Lower	Upper	
138	100		
108	9.9	5.7	8.5#
92	114.1	67.7	101.5#





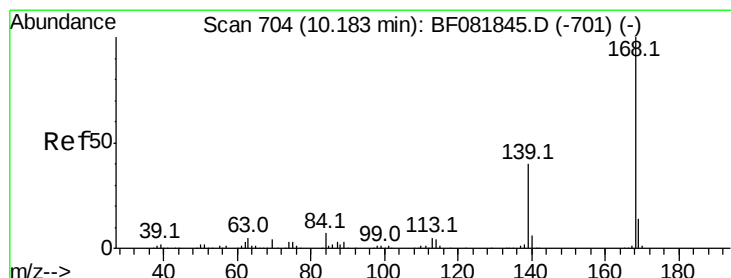
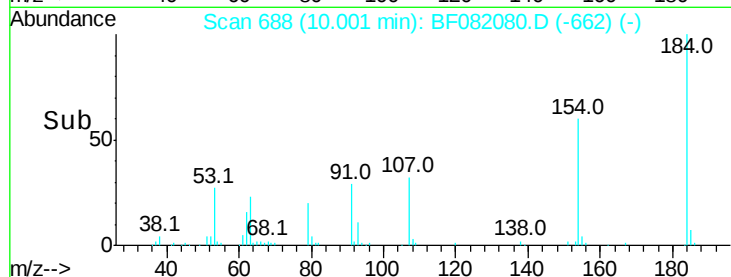
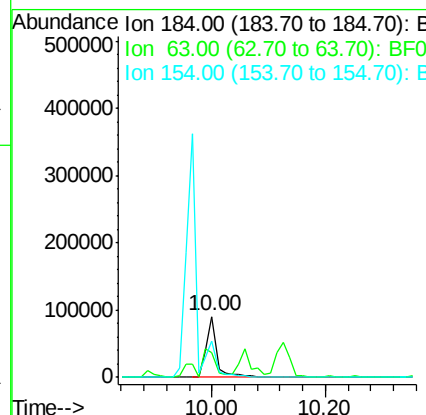
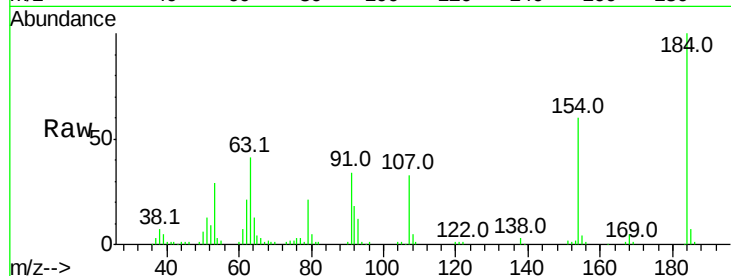
#53
 2,4-Dinitrophenol
 Concen: 89.54 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	40.7	35.4	53.2	
154	59.6	32.2	48.4	

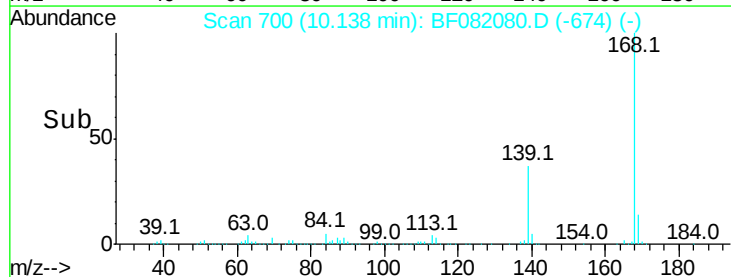
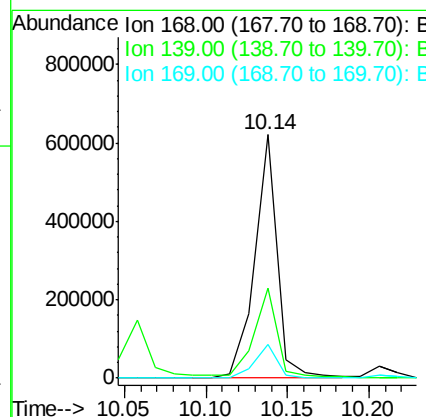
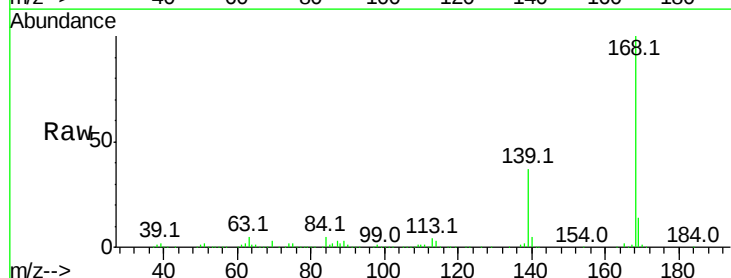
Manual Integrations
 APPROVED

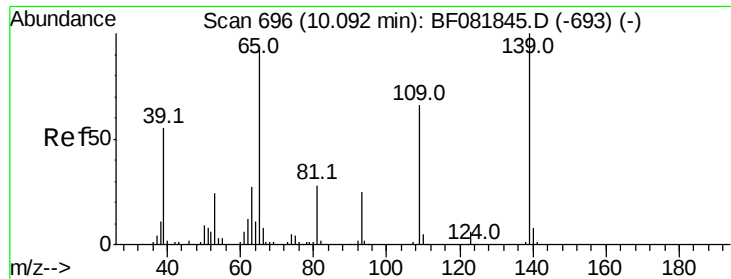
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 10/7/2015 4:51:43 PM



#54
 Dibenzofuran
 Concen: 44.38 ng
 RT: 10.14 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.0	24.2	36.2	
169	13.6	10.6	15.8	





#55

4-Nitrophenol

Concen: 83.17 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion:139 Resp: 171533

Ion Ratio Lower Upper

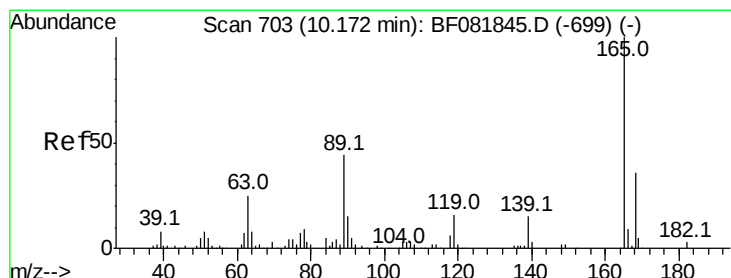
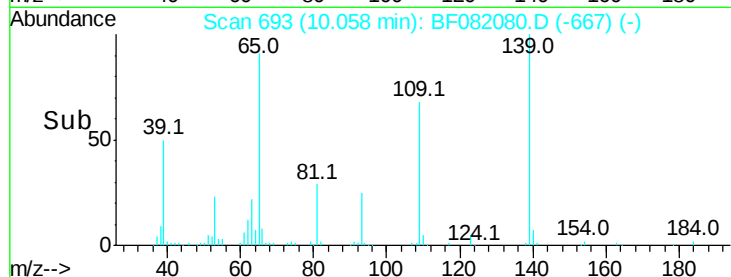
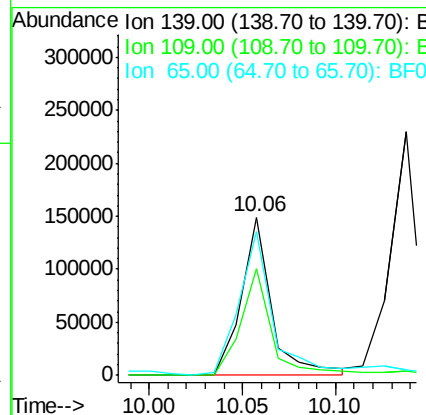
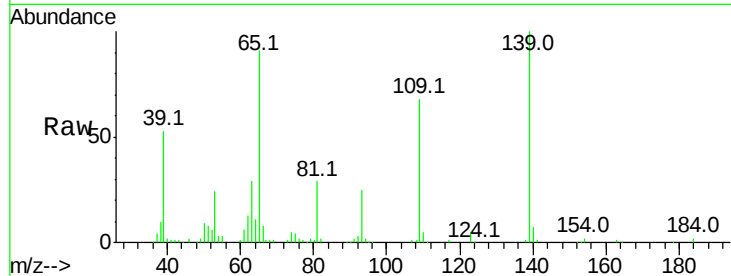
139 100

109 67.8 12.7 52.7#

65 91.2 45.9 85.9#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 48.65 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:165 Resp: 153022

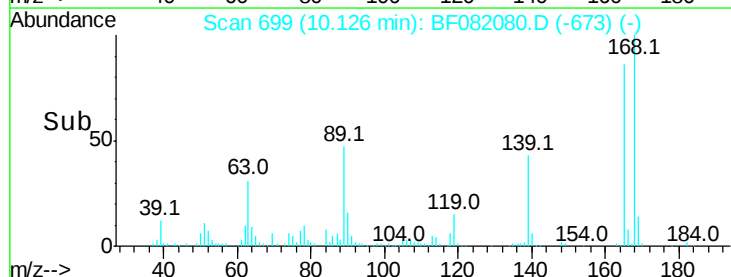
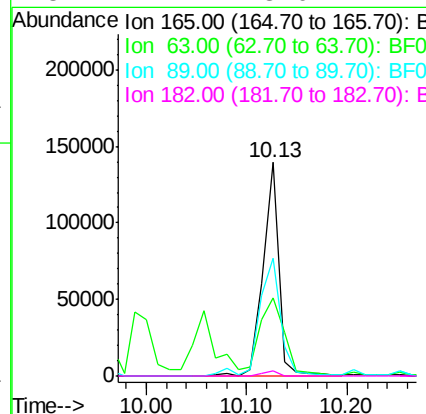
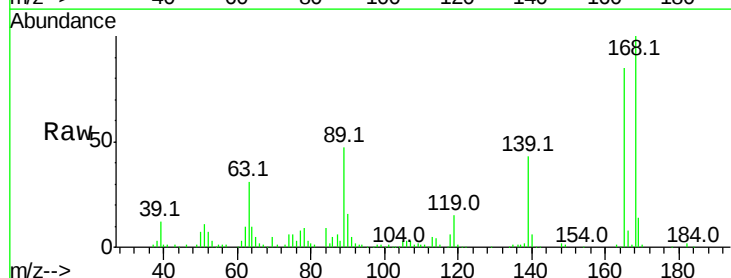
Ion Ratio Lower Upper

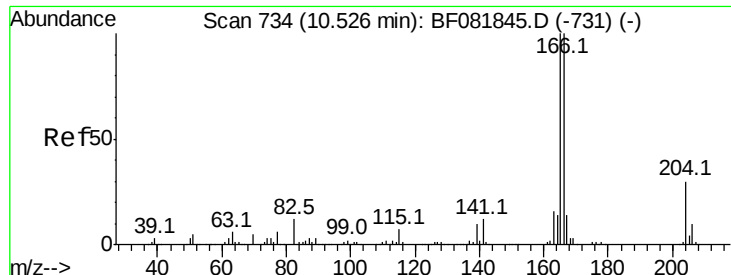
165 100

63 36.8 29.8 44.6

89 54.9 44.5 66.7

182 2.4 3.0 4.4#





#57

Fluorene

Concen: 50.96 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion:166 Resp: 485555

Ion Ratio Lower Upper

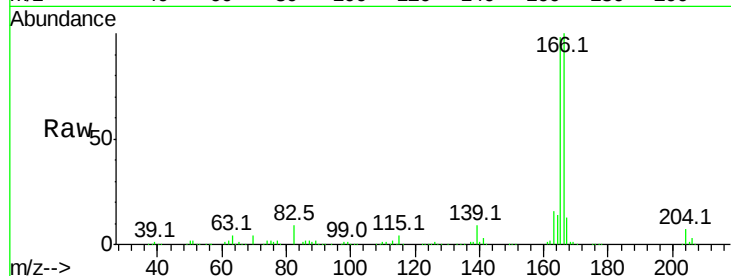
166 100

165 97.7 72.6 109.0

167 13.4 10.6 16.0

Manual Integrations
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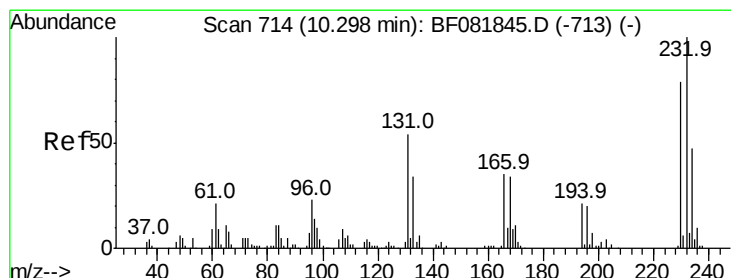
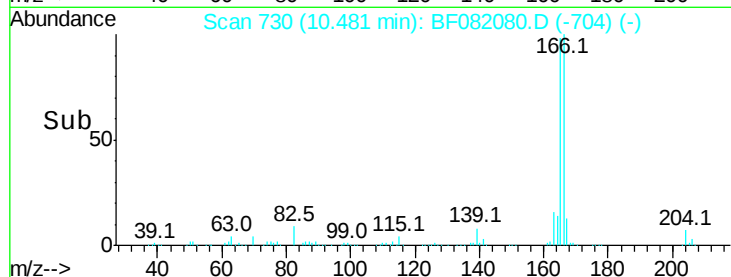
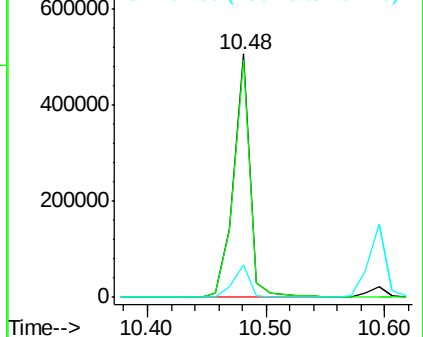
mmdadoda
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.28 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:232 Resp: 133633

Ion Ratio Lower Upper

232 100

131 44.2 38.5 57.7

130 2.0 1.8 2.6

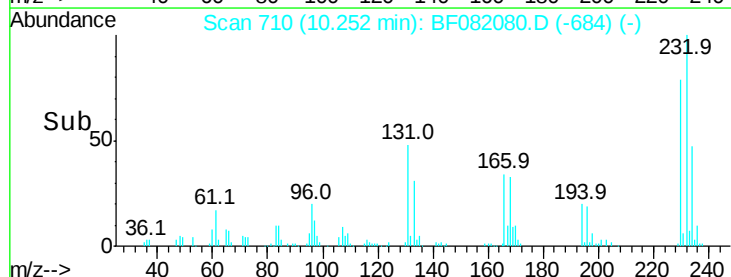
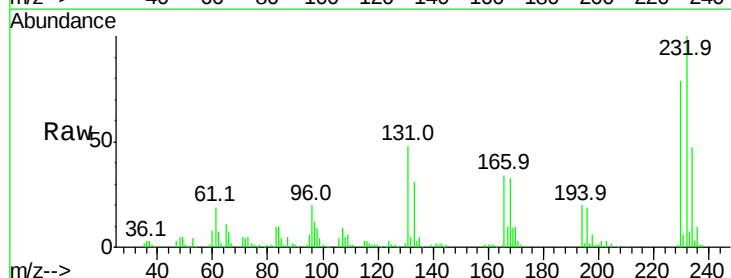
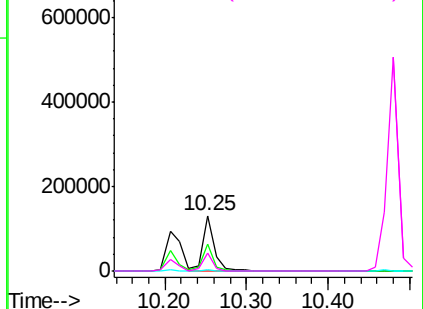
166 29.3 25.0 37.6

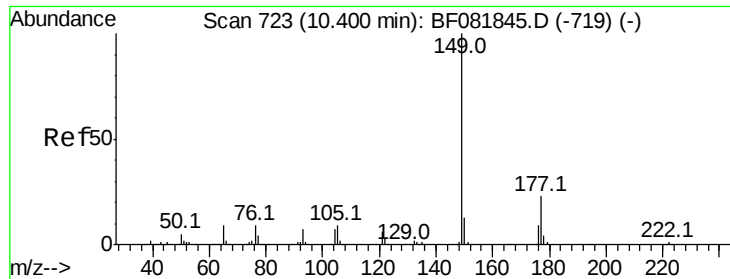
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





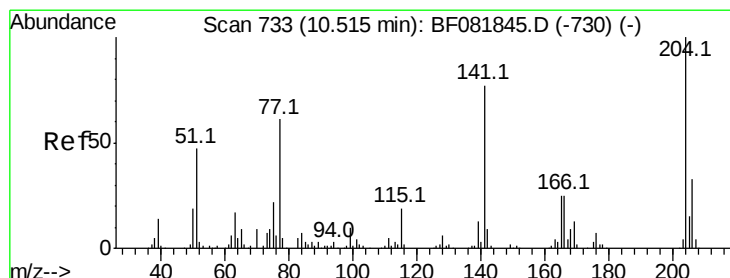
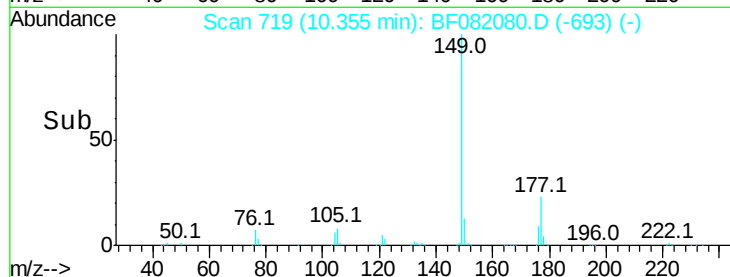
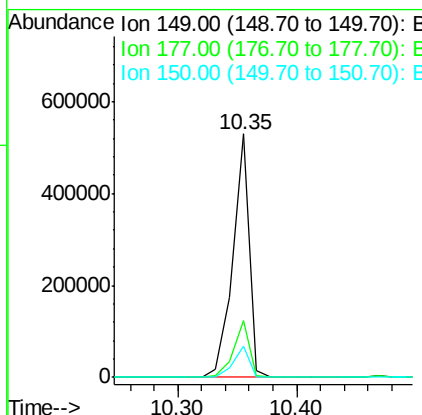
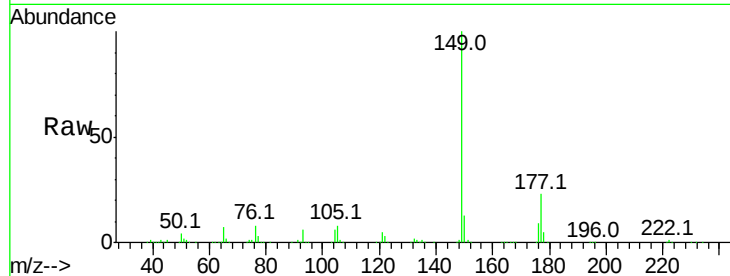
#59
Diethylphthalate
Concen: 47.78 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	507195		
177	23.1		17.5	26.3
150	12.6		9.4	14.2

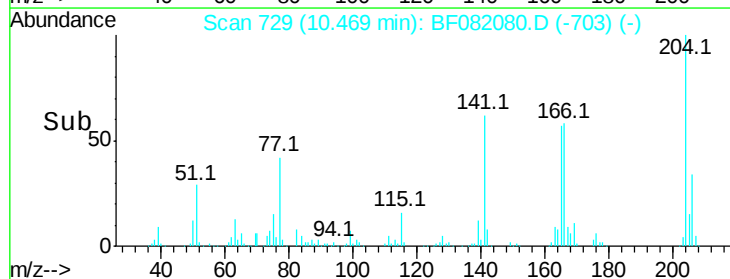
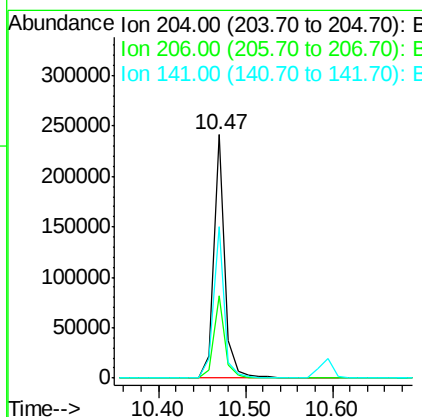
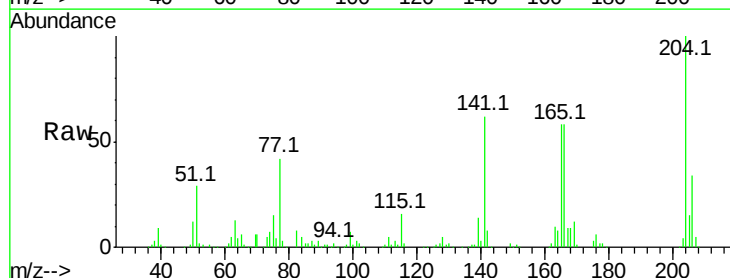
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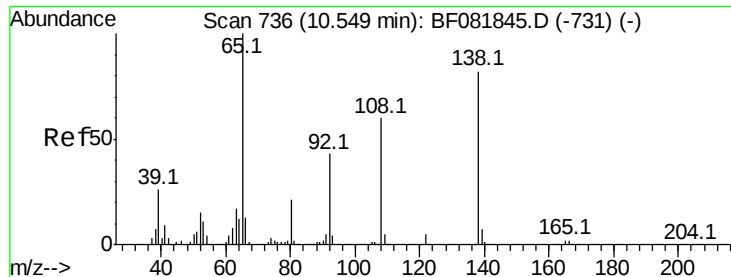
mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 44.03 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	215952		
206	34.0		24.8	37.2
141	62.4		42.2	63.4





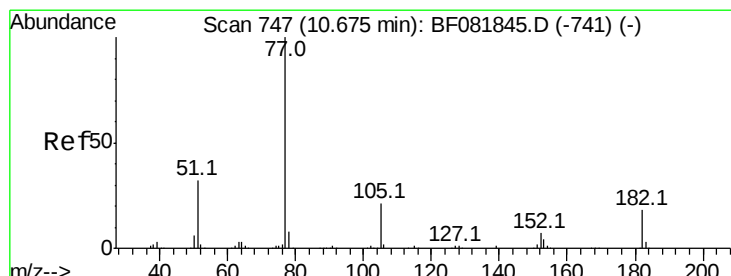
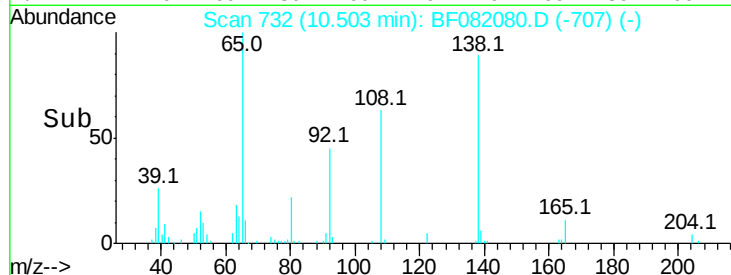
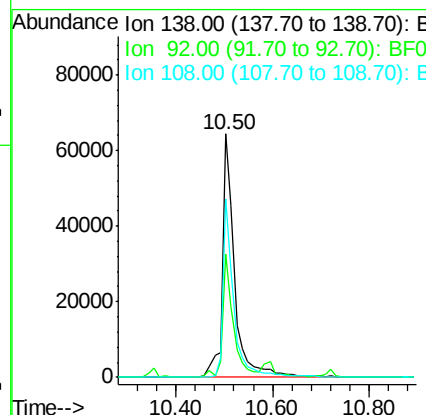
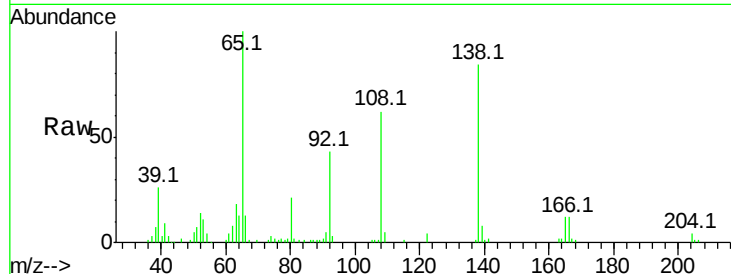
#61
4-Nitroaniline
Concen: 40.12 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	12.6	52.6
108	73.3	12.4	52.4

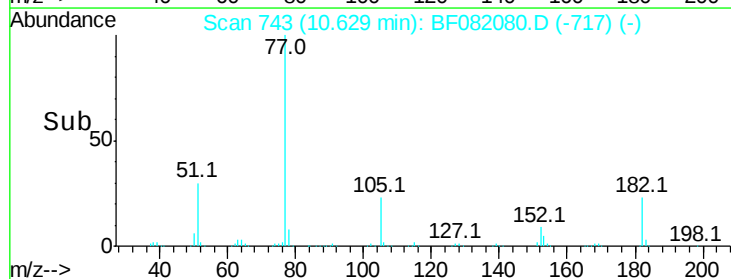
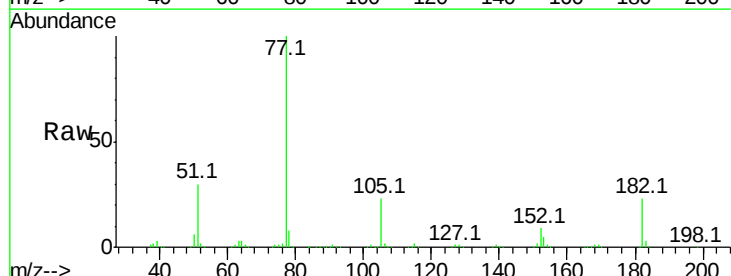
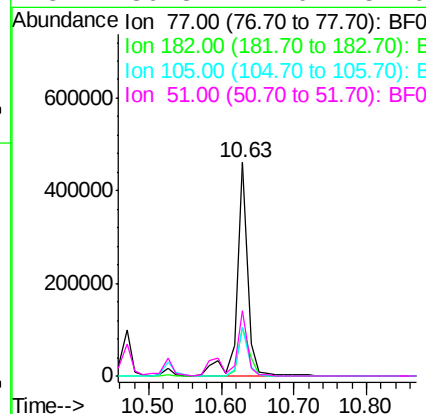
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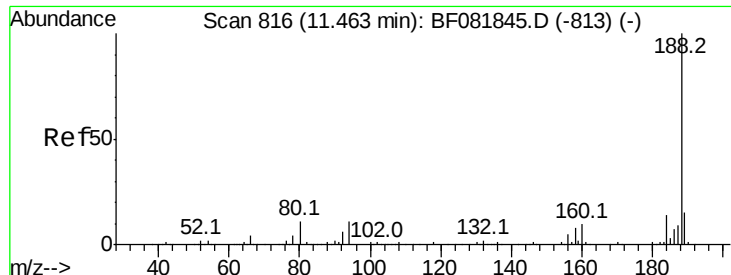
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#62
Azobenzene
Concen: 45.39 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	15.1	55.1
105	23.0	3.4	43.4
51	30.3	12.0	52.0





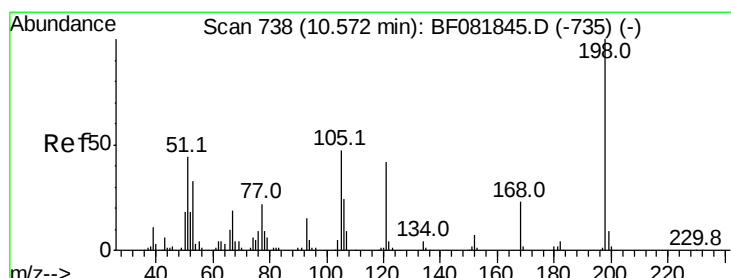
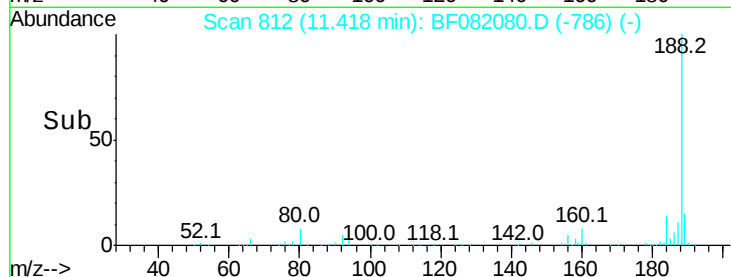
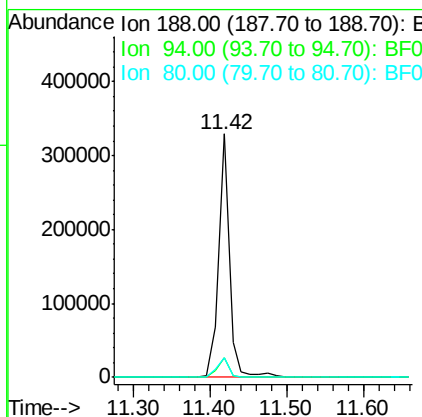
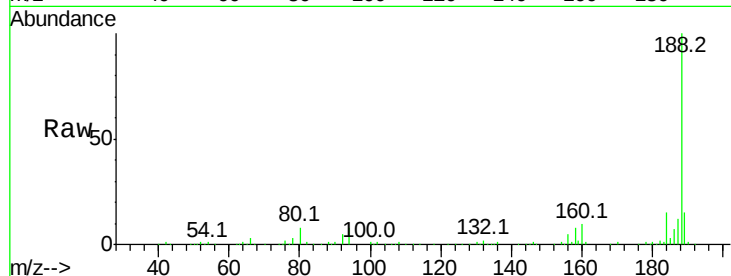
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	11.1	16.7#
80	8.1	11.0	16.4#

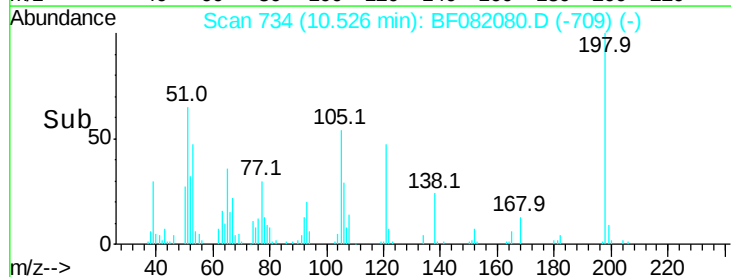
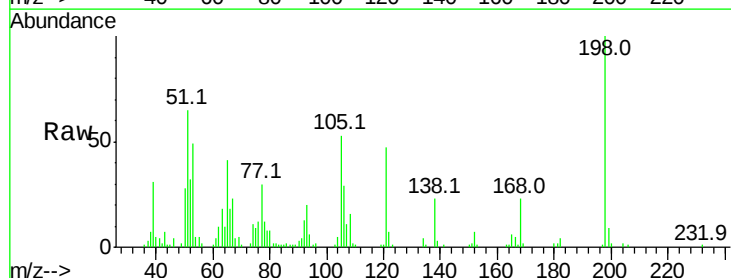
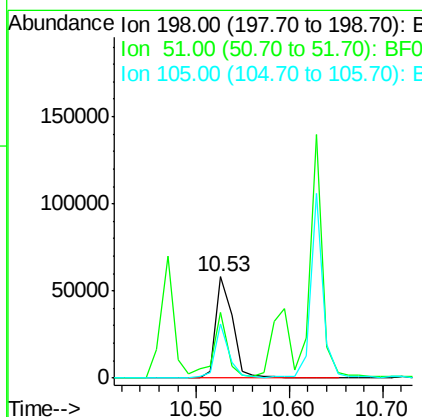
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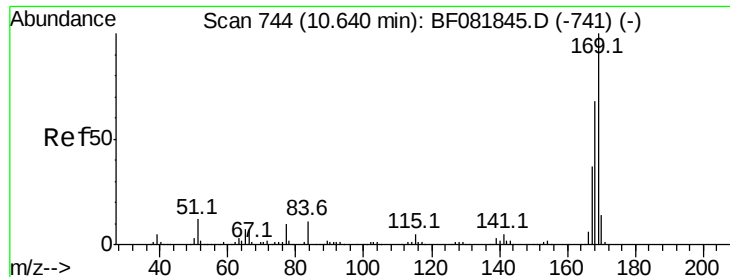
mmdadoda
 10/7/2015 4:51:43 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.53 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	64.9	39.6	79.6
105	53.5	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 43.55 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

ClientSampleId :

PB85910BS

Tot Ion:169 Resp: 426729

Ion Ratio Lower Upper

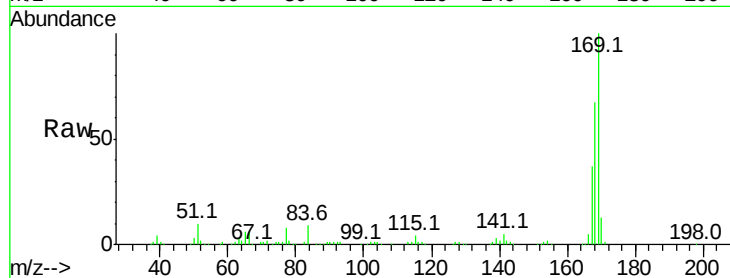
169 100

168 67.5 48.9 73.3

167 37.3 26.2 39.4

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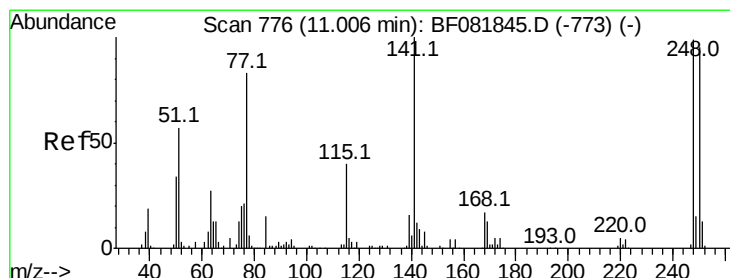
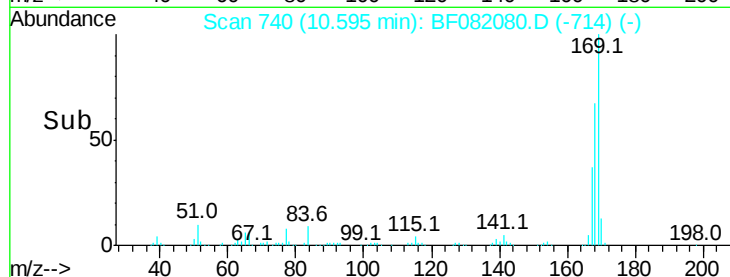
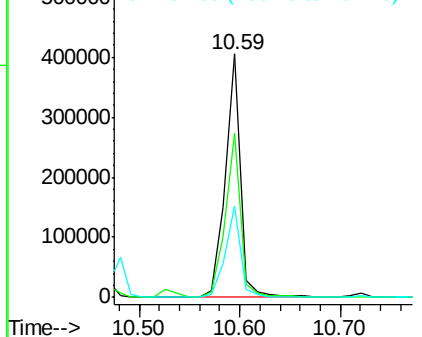
mmdadoda
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.17 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

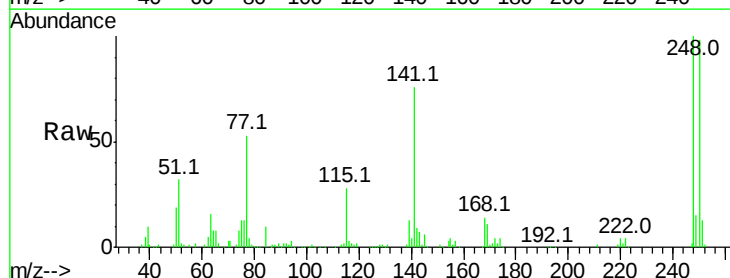
Tgt Ion:248 Resp: 144214

Ion Ratio Lower Upper

248 100

250 98.2 78.5 117.7

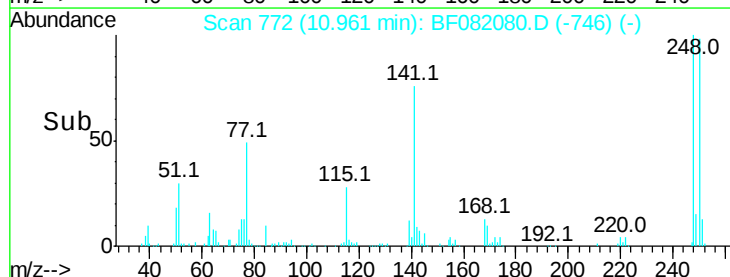
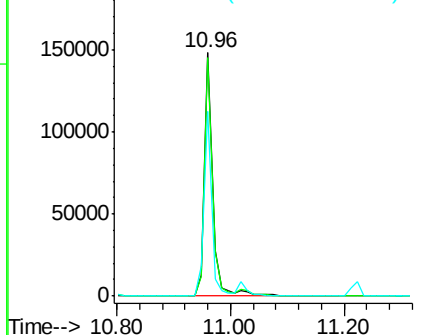
141 75.9 59.0 88.6

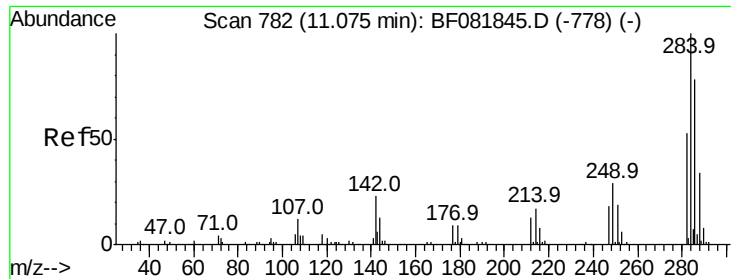


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.40 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

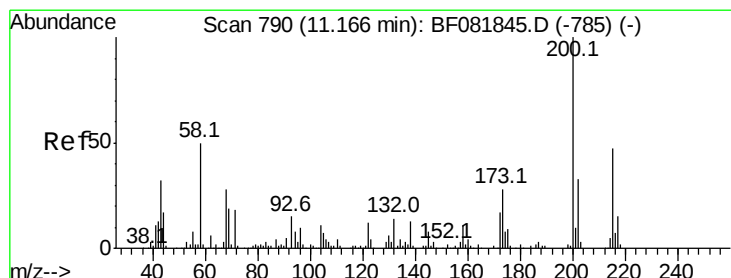
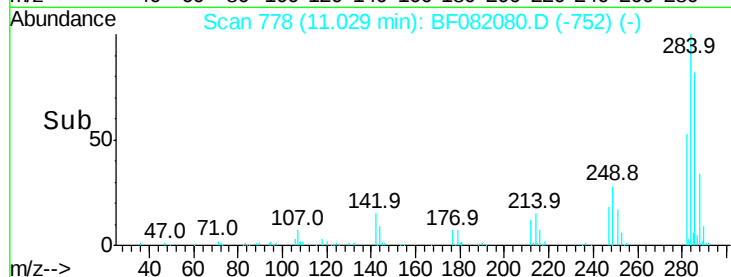
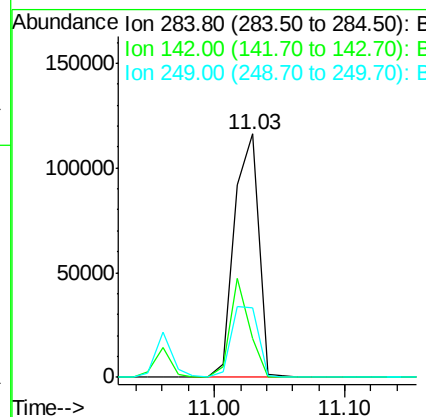
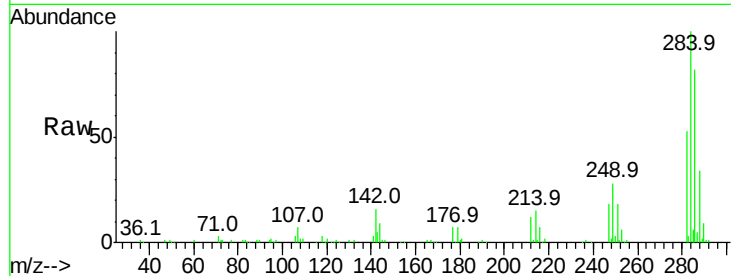
ClientSampleId :

PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	15.8	29.5	44.3#	
249	28.3	19.5	29.3	

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#68

Atrazine

Concen: 45.90 ng

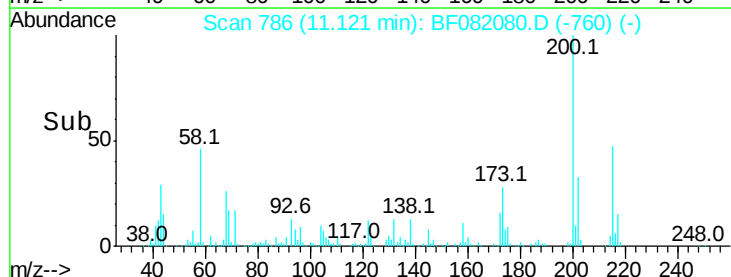
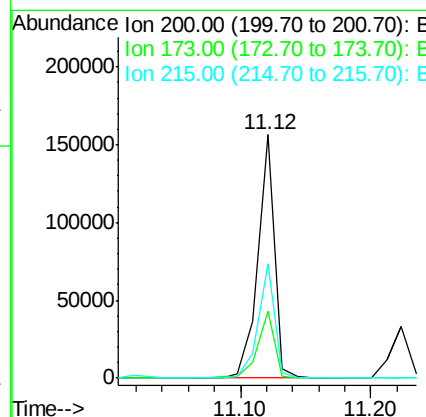
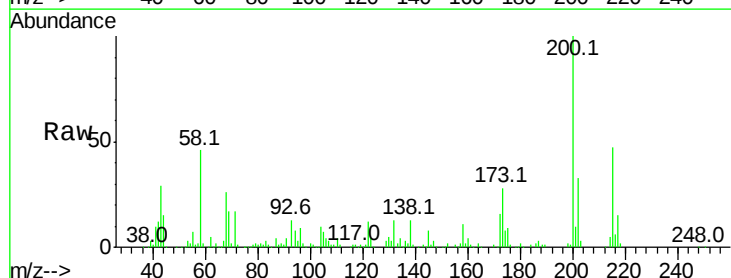
RT: 11.12 min Scan# 786

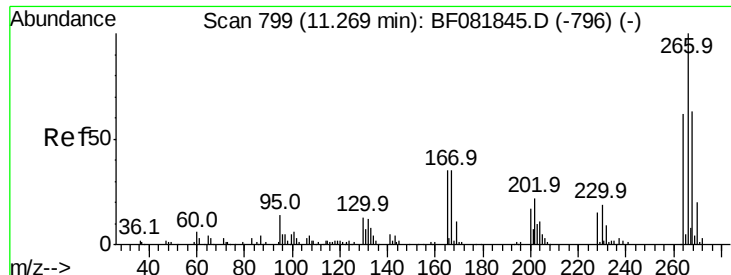
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	13.2	53.2	
215	47.1	41.8	81.8	





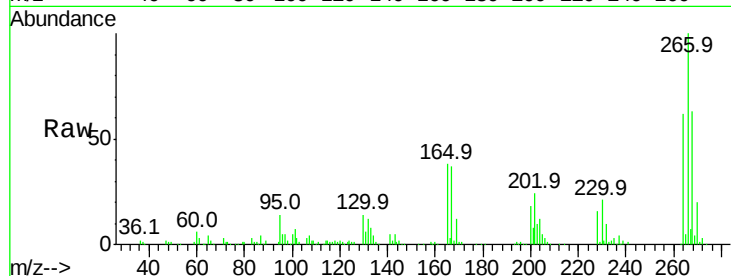
#69
 Pentachlorophenol
 Concen: 84.45 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

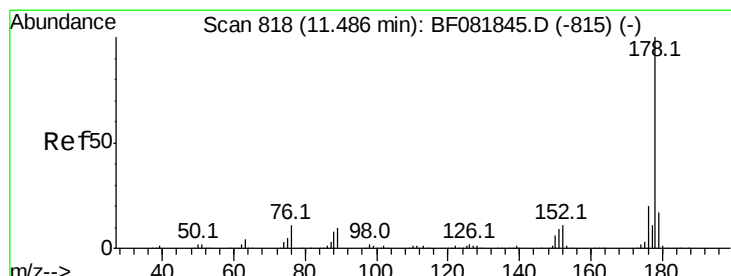
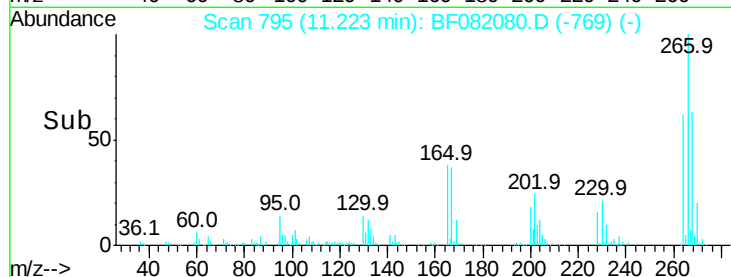
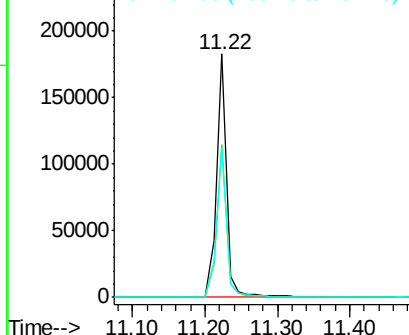
Tot Ion	Ratio	Resp	Lower	Upper
266	100	177313		
268	63.0	49.8	74.6	
264	61.8	50.2	75.2	

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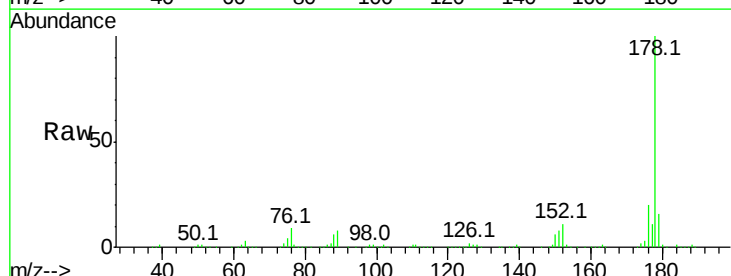


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

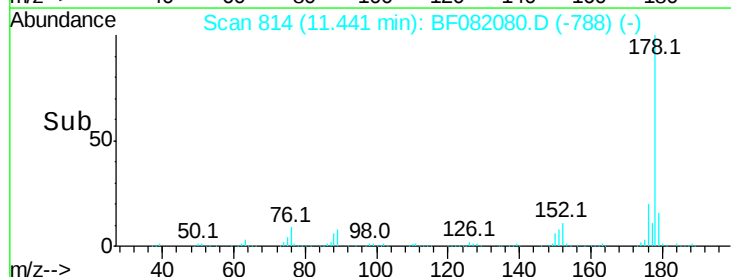
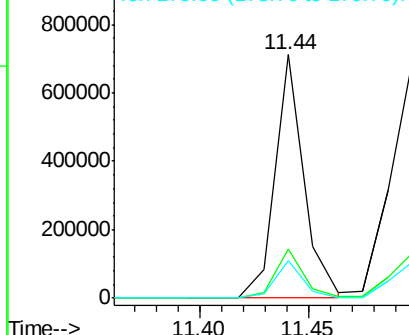


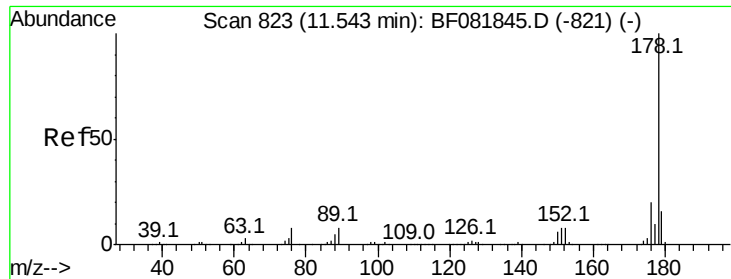
#70
 Phenanthrene
 Concen: 42.47 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	663415		
176	20.1	13.8	20.8	
179	15.7	12.2	18.2	



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





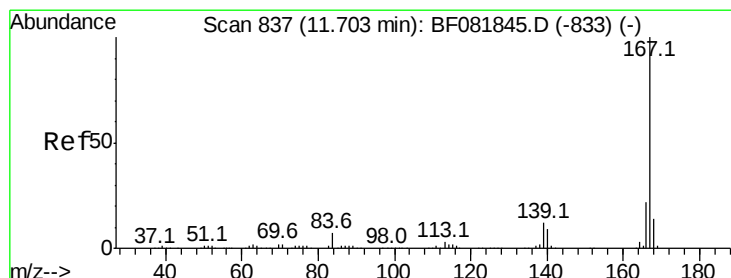
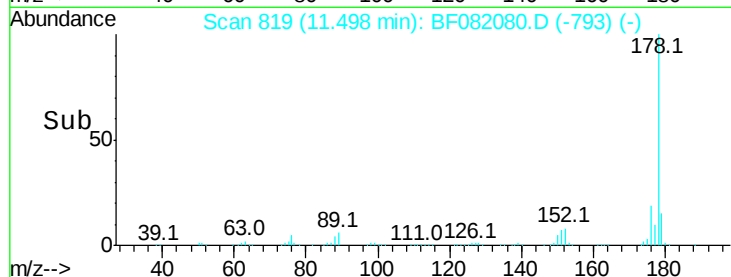
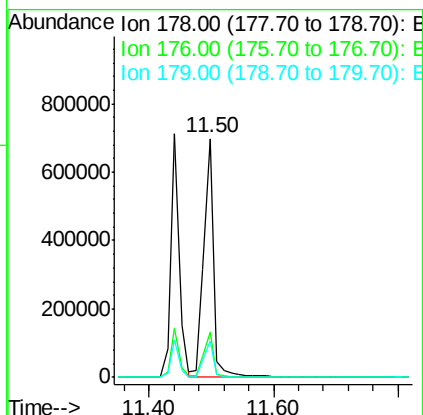
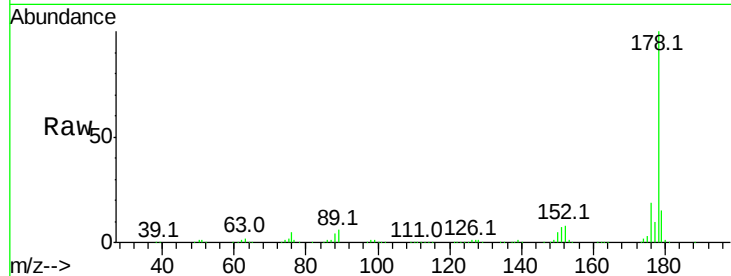
#71
 Anthracene
 Concen: 47.85 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.3	12.2	18.2

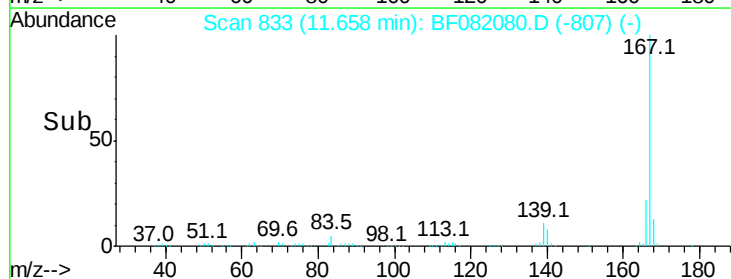
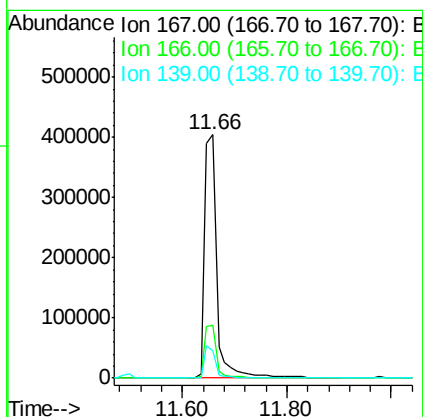
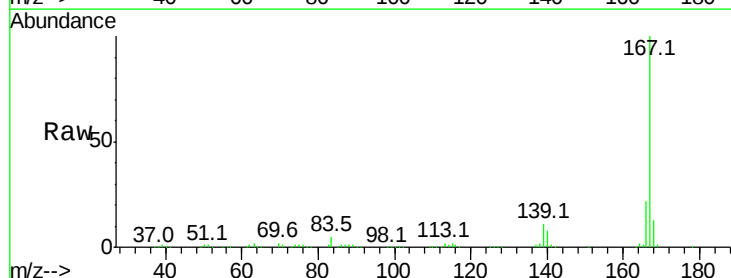
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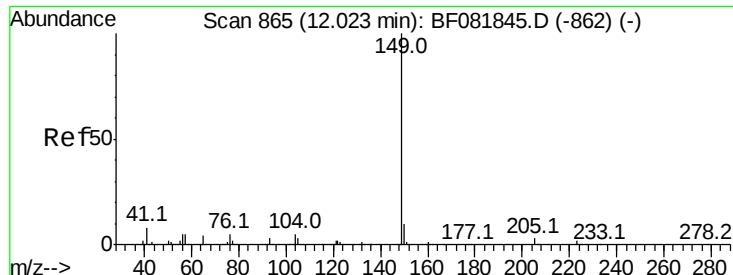
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#72
 Carbazole
 Concen: 44.43 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	11.1	9.5	14.3





#73

Di-n-butylphthalate

Concen: 52.68 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

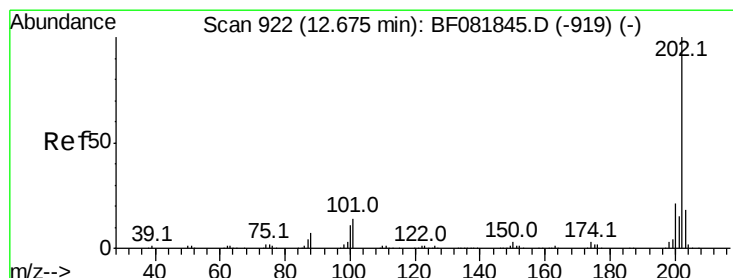
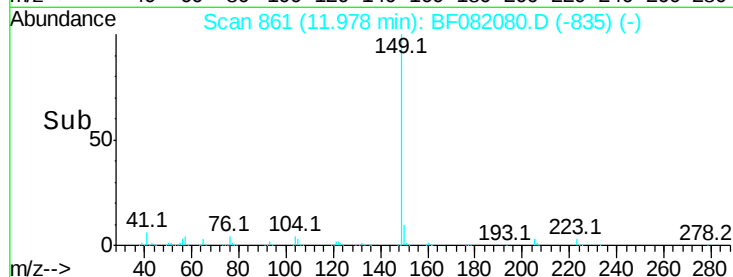
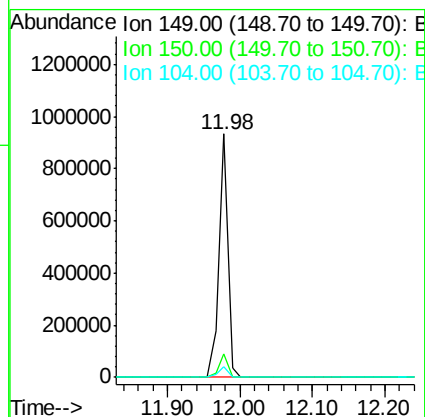
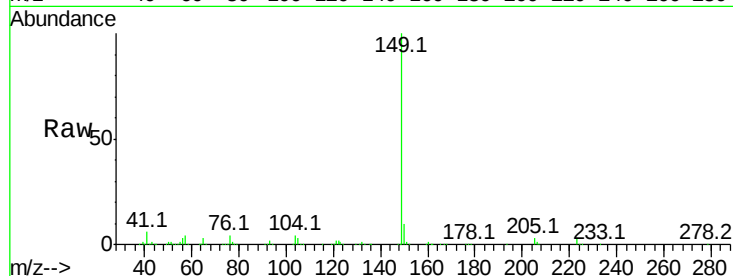
ClientSampleId :

PB85910BS

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Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.4	2.4	3.6



#74

Fluoranthene

Concen: 42.67 ng

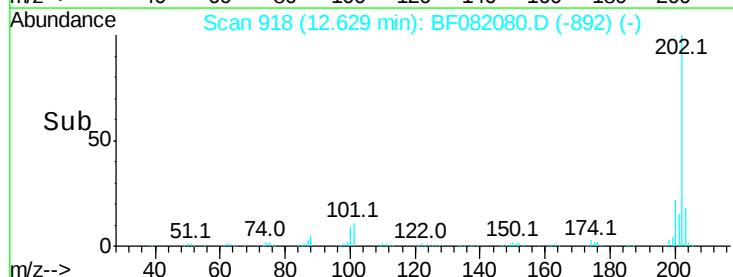
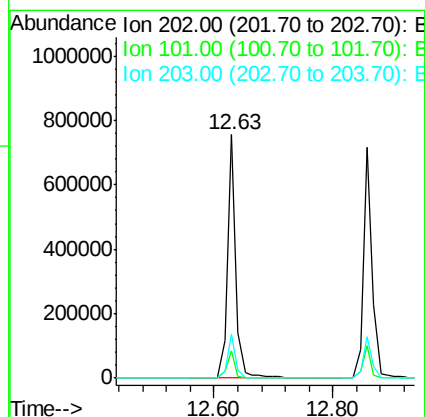
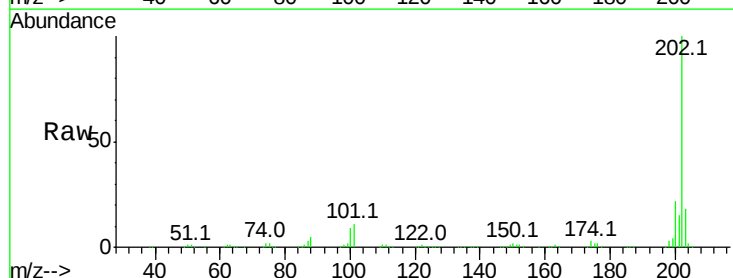
RT: 12.63 min Scan# 918

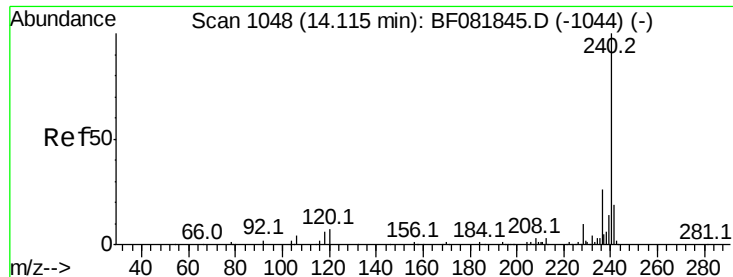
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	38.3
203	18.0	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

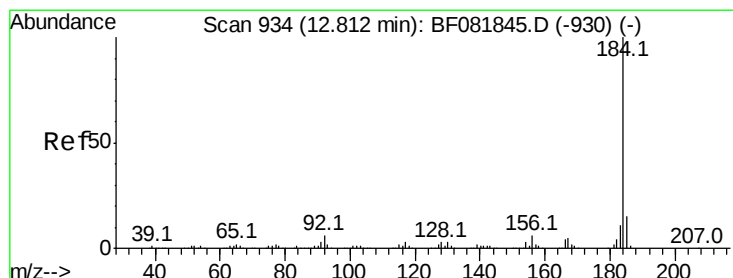
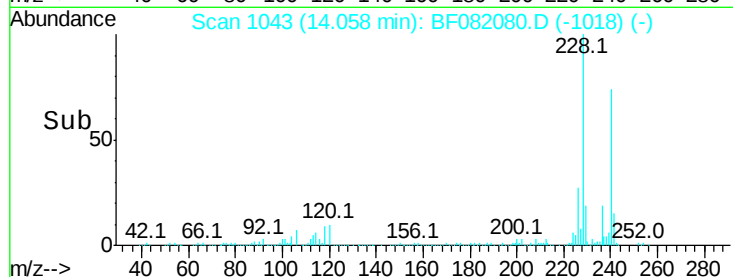
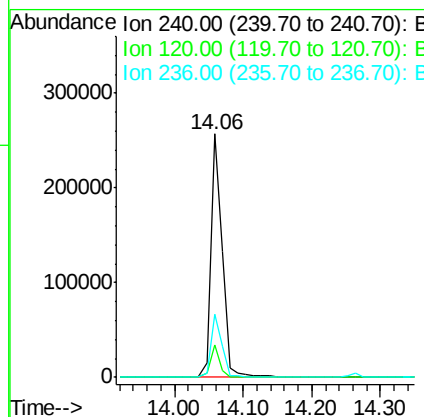
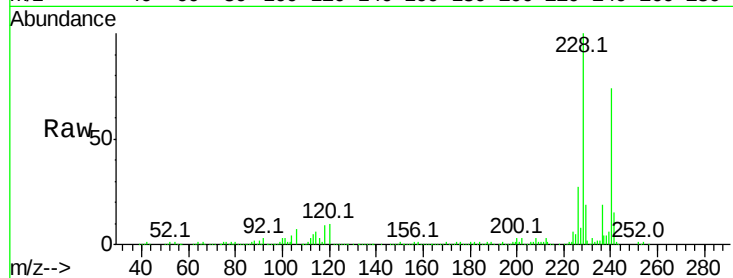
ClientSampleId :

PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	16.2	24.2#	
236	25.9	18.4	27.6	

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#76

Benzidine

Concen: 31.45 ng

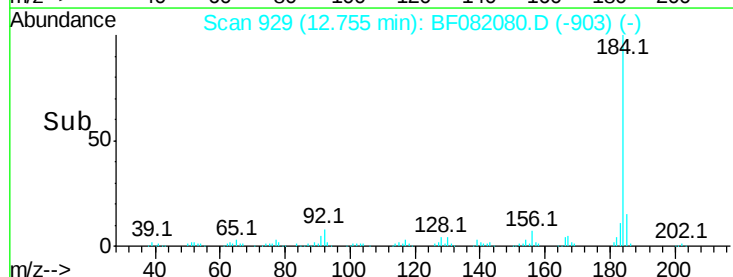
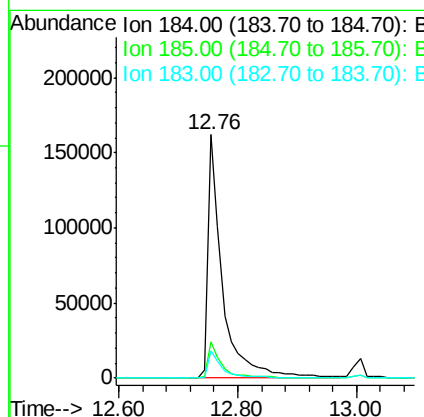
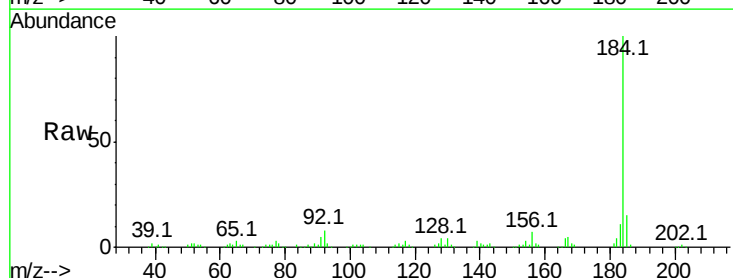
RT: 12.76 min Scan# 929

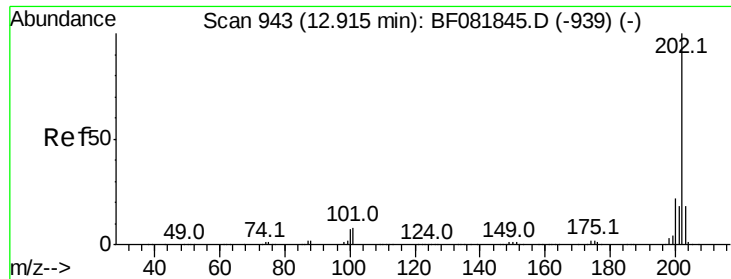
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	11.8	17.6	
183	11.3	7.6	11.4	





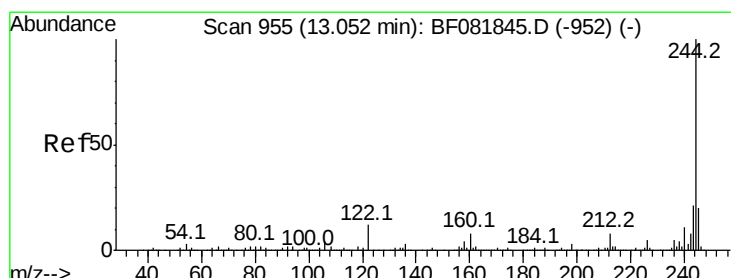
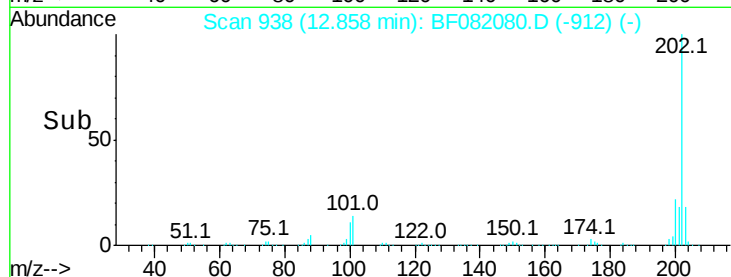
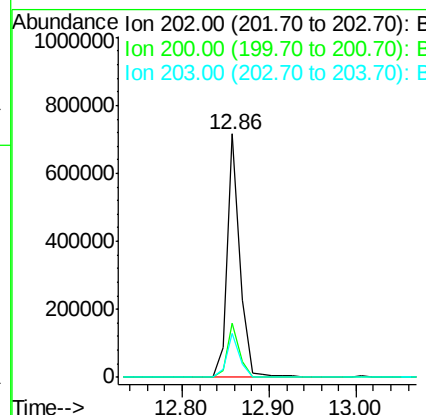
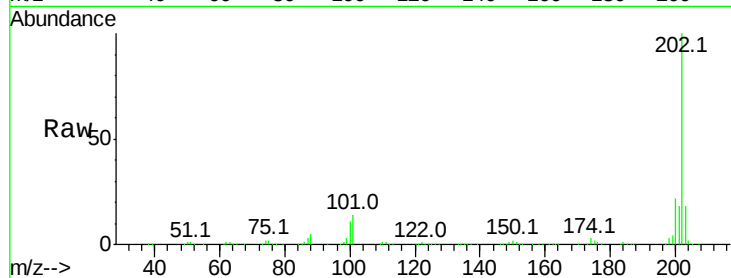
#77
Pvrene
Concen: 41.43 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	15.0	22.4
203	18.2	14.1	21.1

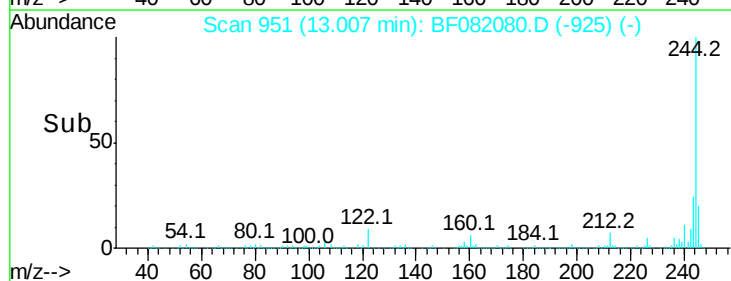
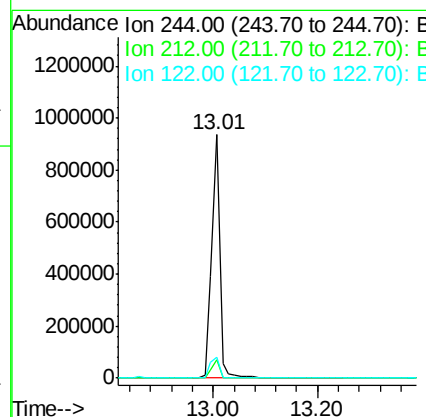
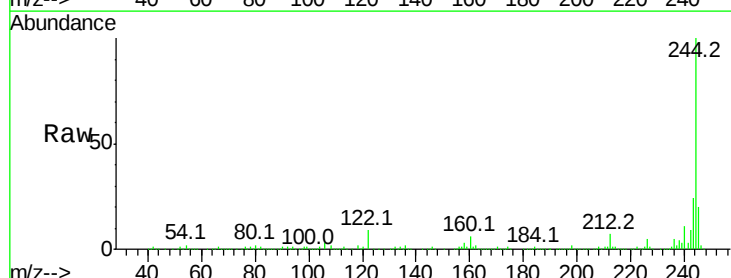
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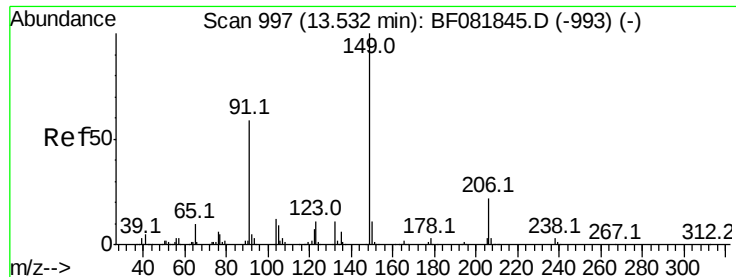
mmdadoda
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#78
Terphenyl-d14
Concen: 125.78 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	8.5	17.4	26.2#





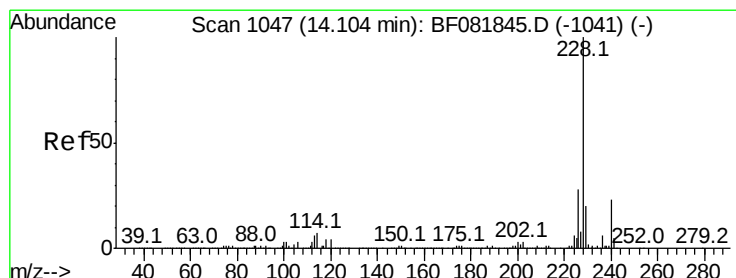
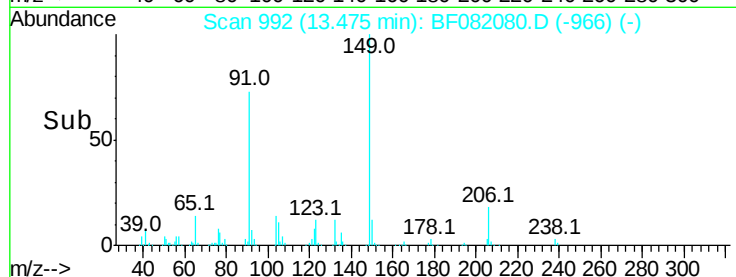
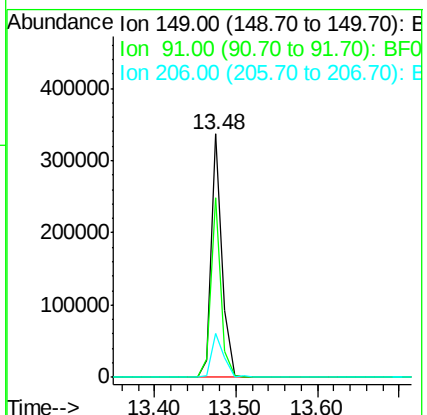
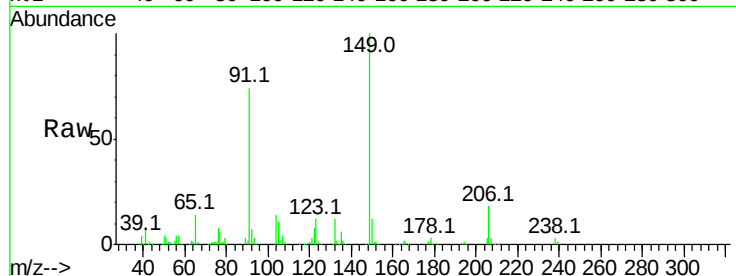
#79
Butylbenzylphthalate
Concen: 47.63 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	316842		
91	73.6	48.6	72.8#	
206	17.9	14.9	22.3	

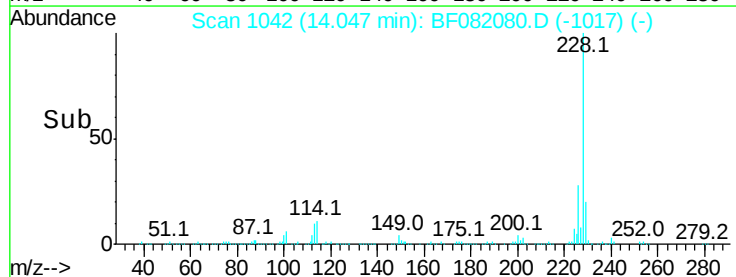
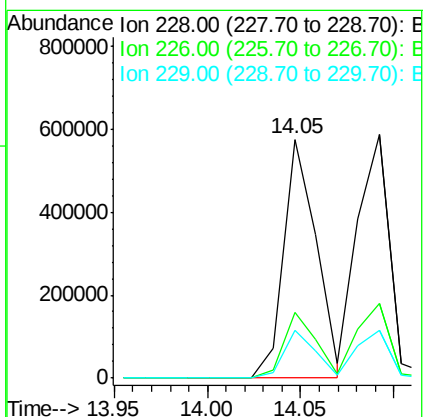
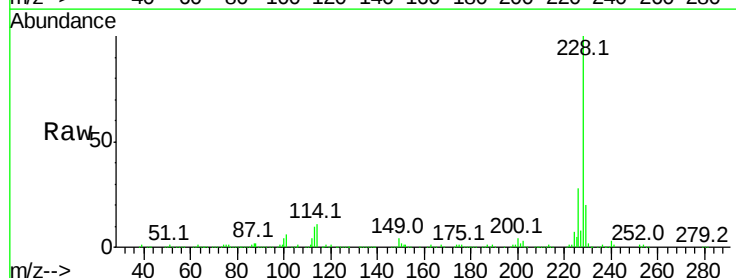
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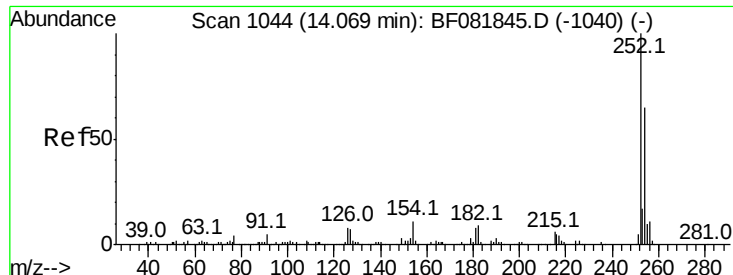
mmdadoda
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#80
Benzo(a)anthracene
Concen: 44.45 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	708304		
226	27.7	20.0	30.0	
229	20.2	15.4	23.2	





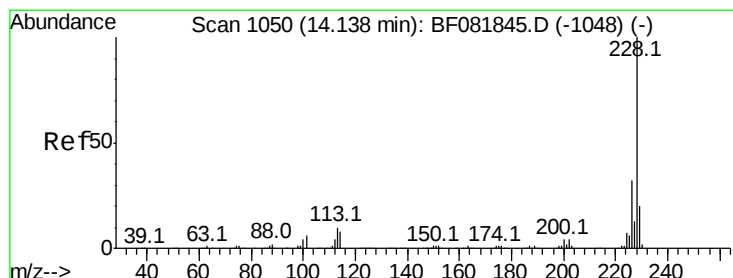
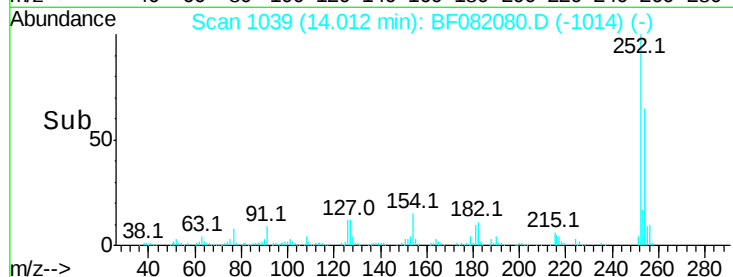
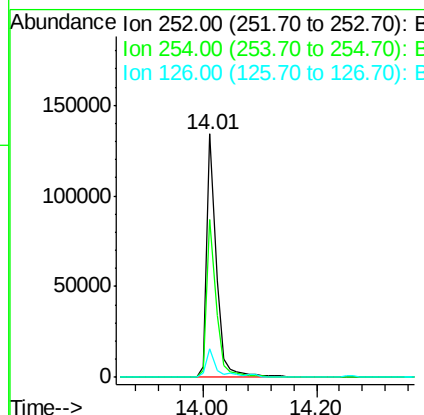
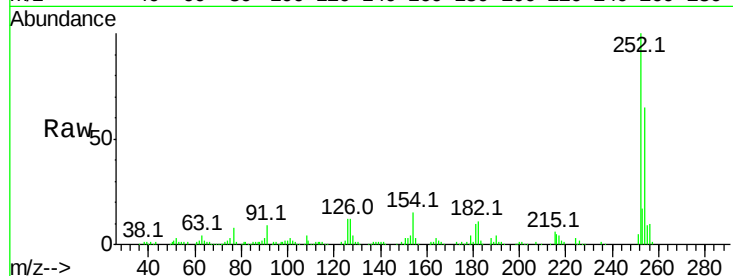
#81
 3,3'-Dichlorobenzidine
 Concen: 28.54 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.9	16.4	24.6

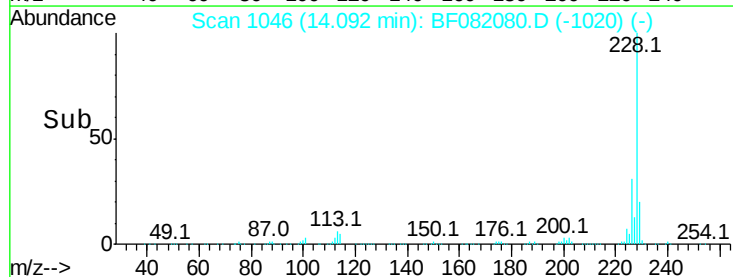
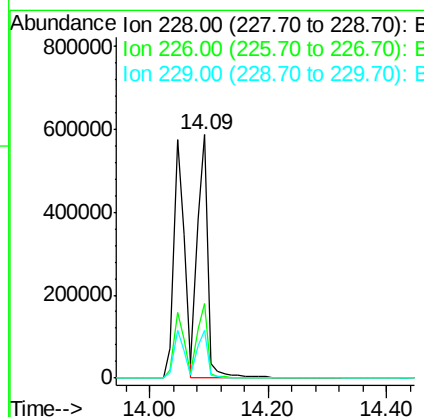
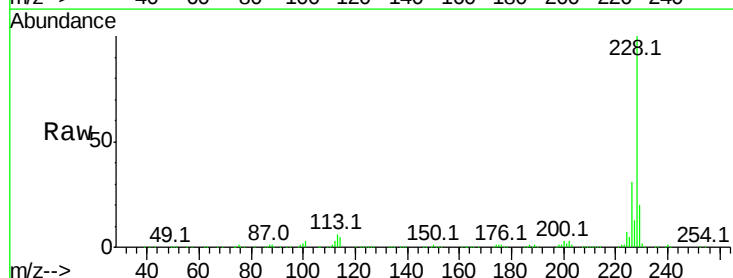
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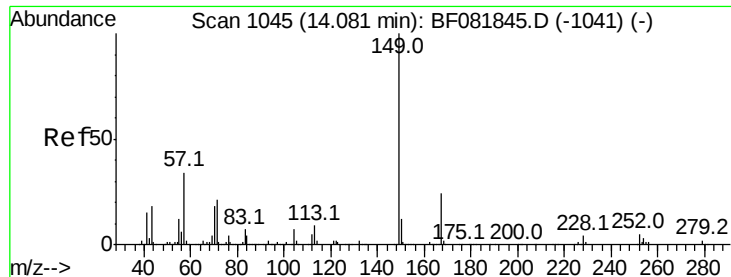
mmdadoda
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#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	21.0	31.4
229	19.6	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.52 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

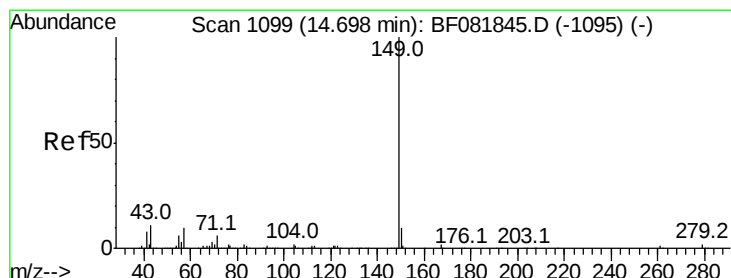
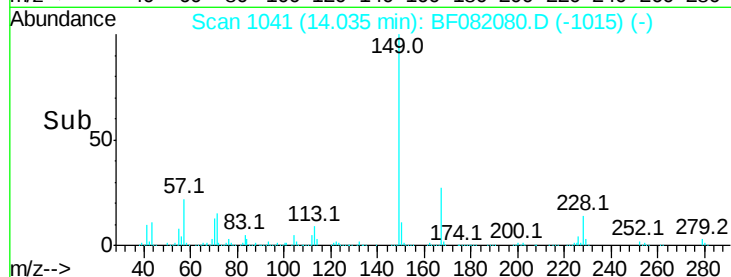
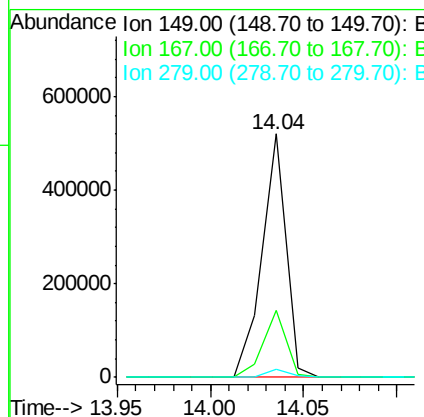
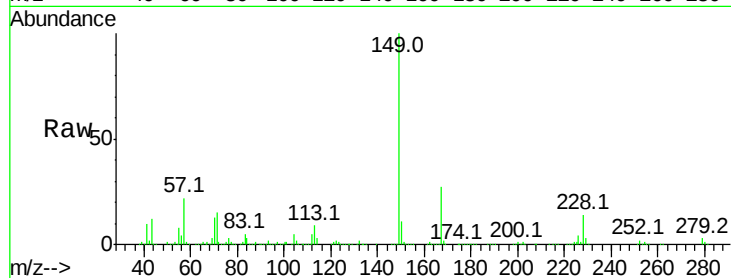
ClientSampleId :

PB85910BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	24.2	36.2
279	3.4	3.8	5.6

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#84

Di-n-octyl phthalate

Concen: 55.97 ng

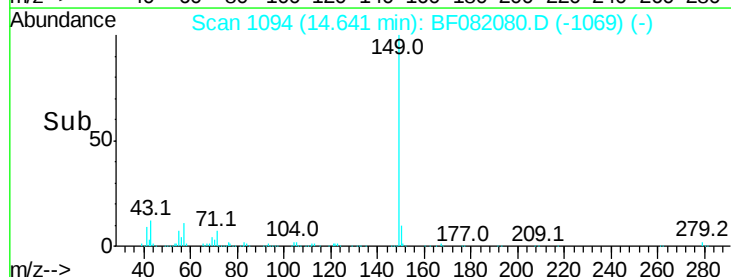
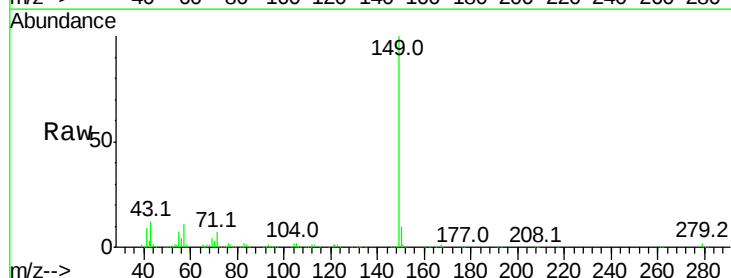
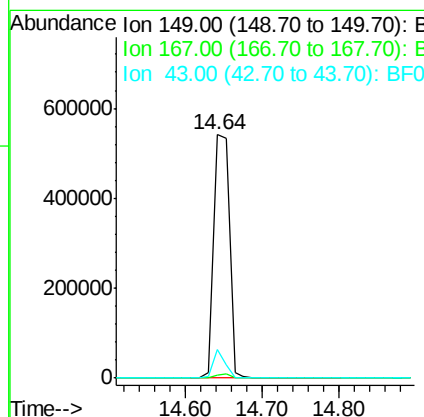
RT: 14.64 min Scan# 1094

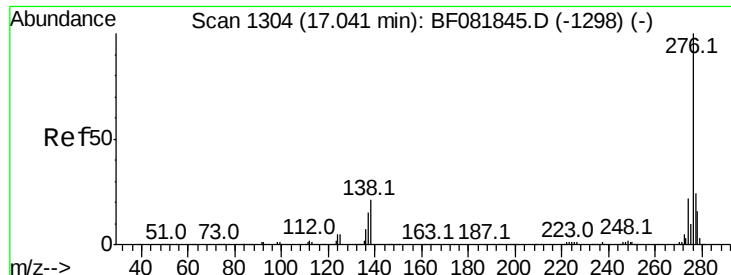
Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	8.7	10.2	15.2





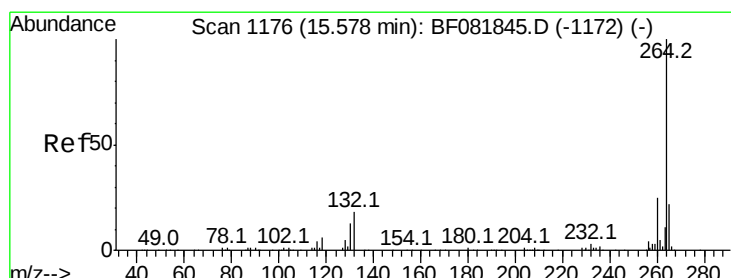
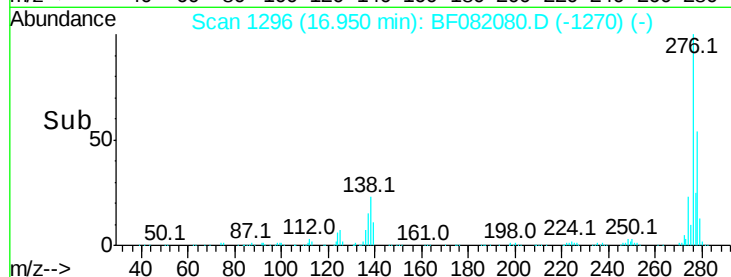
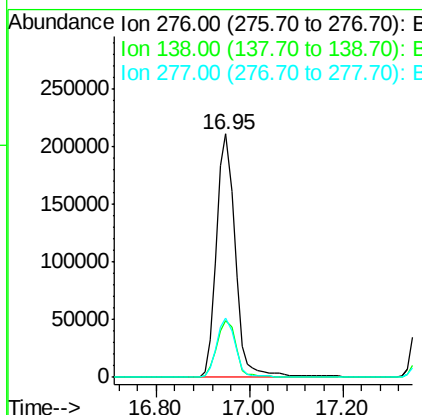
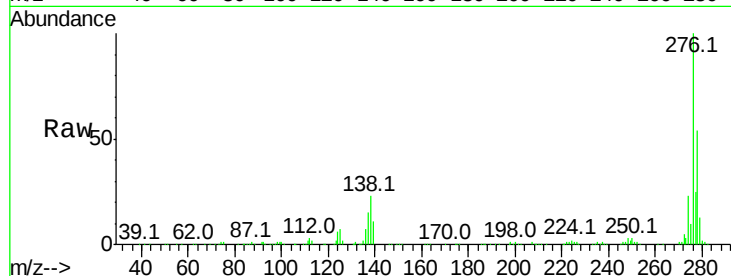
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.42 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Instrument :
BNA_F
ClientSampleId :
PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.2	25.7	38.5#	
277	24.4	15.6	23.4#	

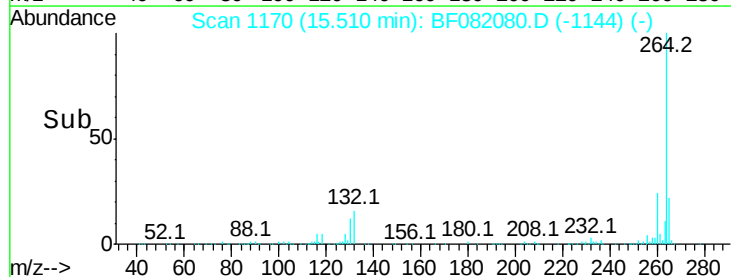
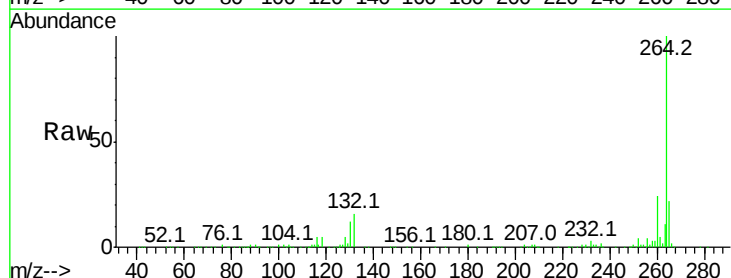
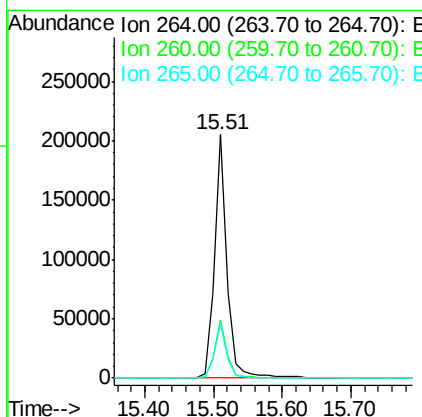
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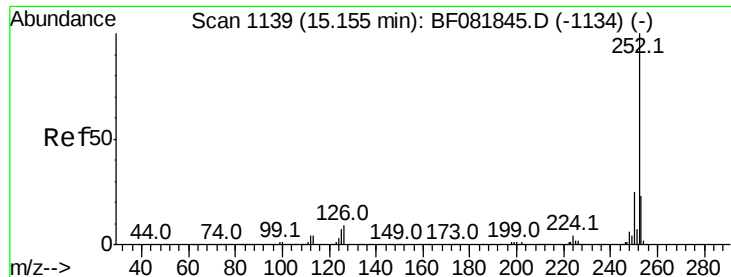
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082080.D
Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	16.7	25.1	
265	22.1	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 50.78 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

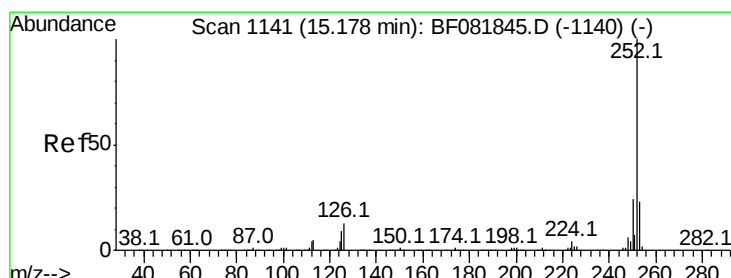
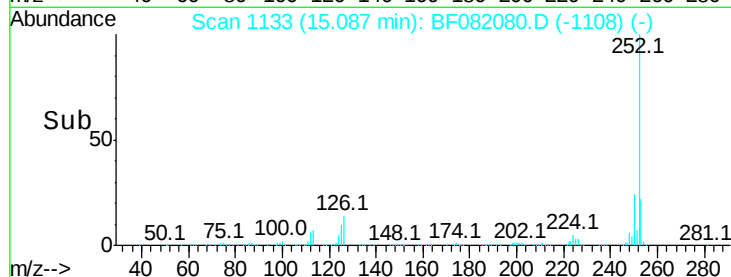
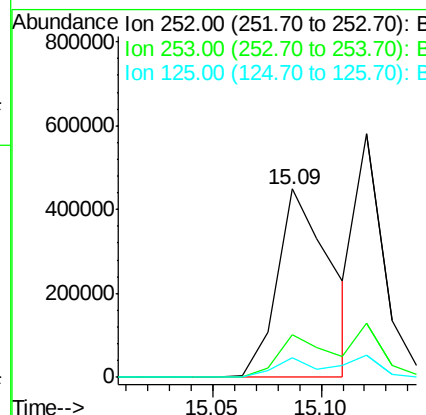
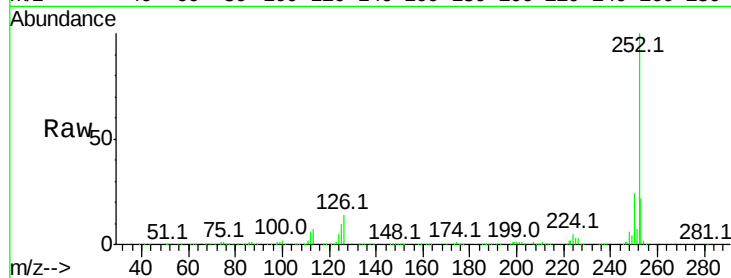
ClientSampleId :

PB85910BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	769679		
253	22.4		17.5	26.3
125	10.3		17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 38.71 ng m

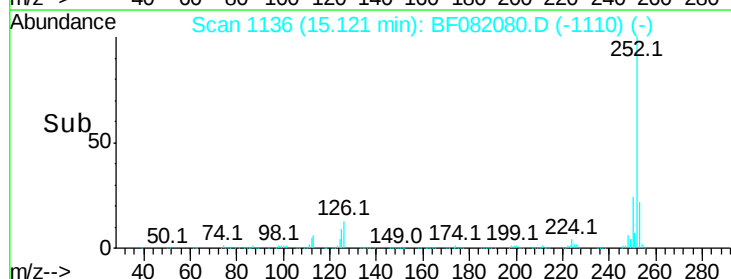
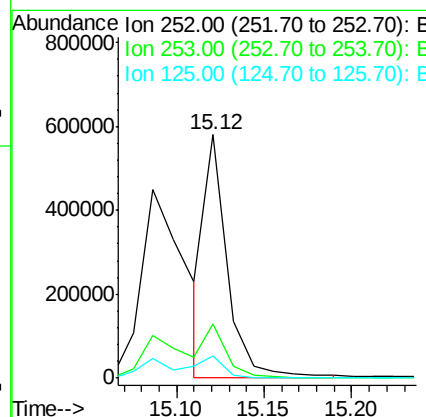
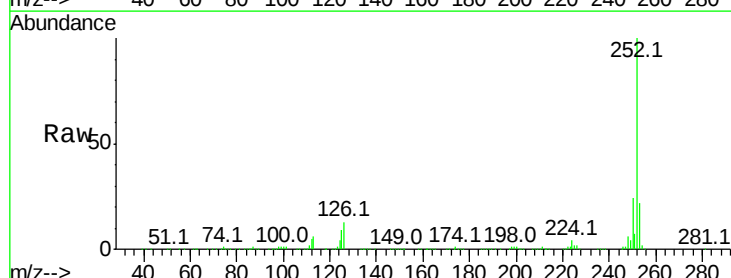
RT: 15.12 min Scan# 1136

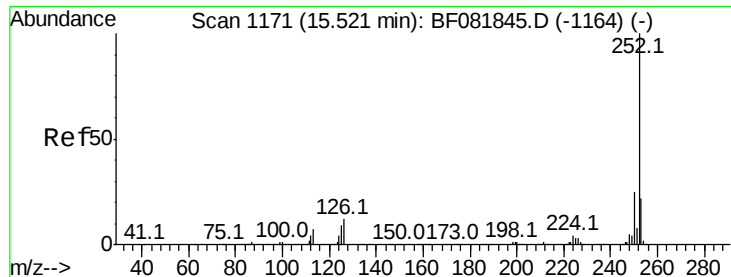
Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	537697		
253	22.4		17.0	25.4
125	9.0		16.0	24.0#





#89

Benzo(a)pyrene

Concen: 47.57 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Instrument :

BNA_F

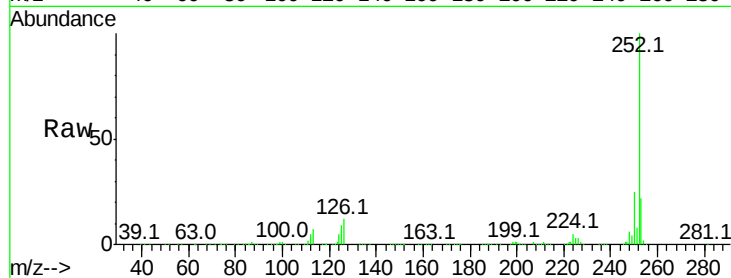
ClientSampleId :

PB85910BS

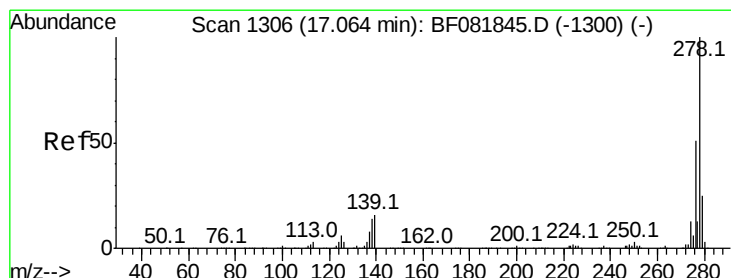
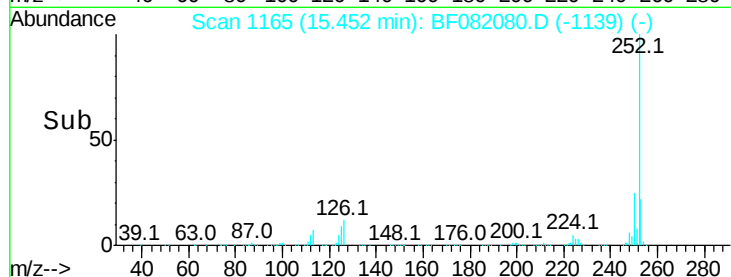
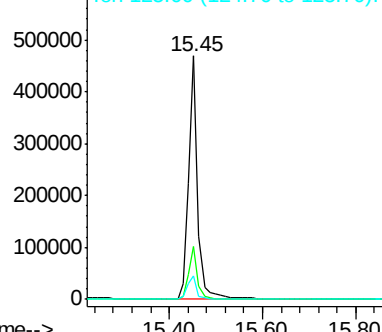
Tot Ion:	252	Resp:	625411
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	9.4	18.0	27.0#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.98 ng

RT: 16.96 min Scan# 1297

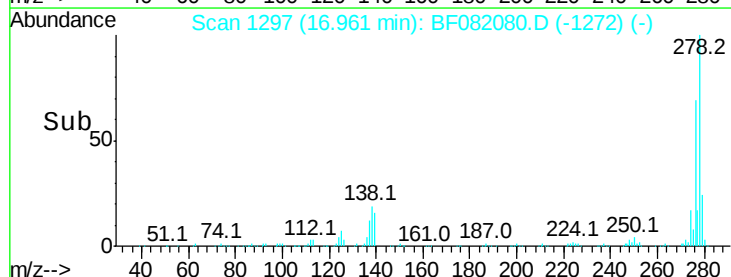
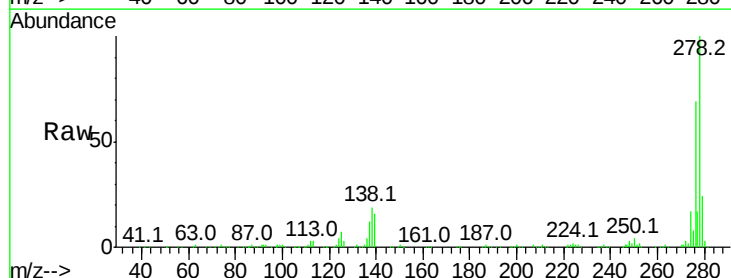
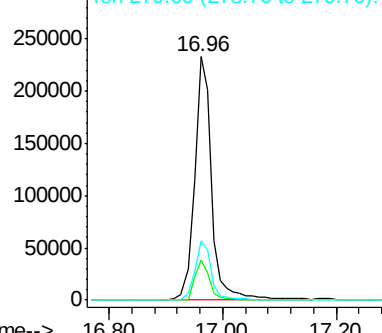
Delta R.T. -0.01 min

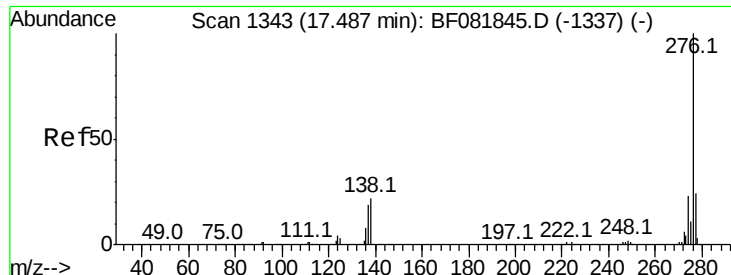
Lab File: BF082080.D

Acq: 6 Oct 2015 13:05

Tgt Ion:	278	Resp:	485089
Ion Ratio	Lower	Upper	
278	100		
139	16.5	26.3	39.5#
279	24.5	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.12 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF082080.D
 Acq: 6 Oct 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BS

Tot Ion:	276	Resp:	476100
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.8	26.6
138	19.6	34.6	51.8#

Manual Integrations
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