

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081224.D
 Acq On : 26 Aug 2015 21:18
 Operator : UM/IZ
 Sample : PB85099BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Manual Integrations
 APPROVED

MMDadoda
 8/27/2015 2:32:31 PM

Quant Time: Aug 27 01:19:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 00:52:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	49638	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	200560	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	87590	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	173543	20.00	ng	0.00
75) Chrysene-d12	13.64	240	130604	20.00	ng	0.00
86) Perylene-d12	14.95	264	112813	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	372586	112.90	ng	0.01
7) Phenol-d6	6.17	99	484227	112.46	ng	0.00
23) Nitrobenzene-d5	7.09	82	320917	73.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	79997	105.36	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	490123	73.32	ng	-0.01
78) Terphenyl-d14	12.60	244	421006	69.11	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.99	88	51357	33.02	ng	95
3) Pyridine	2.57	79	163090	37.16	ng	# 82
4) n-Nitrosodimethylamine	2.54	42	84408	34.54	ng	# 70
6) Aniline	6.17	93	152666	24.38	ng	# 61
8) 2-Chlorophenol	6.30	128	133791	37.04	ng	98
9) Benzaldehyde	6.06	77	28270	10.18	ng	87
10) Phenol	6.18	94	161963	31.85	ng	100
11) bis(2-Chloroethyl)ether	6.26	93	138221	35.42	ng	92
12) 1,3-Dichlorobenzene	6.46	146	141260	36.39	ng	95
13) 1,4-Dichlorobenzene	6.54	146	145495	37.86	ng	97
14) 1,2-Dichlorobenzene	6.69	146	132448	36.82	ng	96
15) Benzyl Alcohol	6.67	79	125473	36.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	269980	35.21	ng	96
17) 2-Methylphenol	6.80	107	123395	39.81	ng	96
18) Hexachloroethane	7.03	117	59265	38.16	ng	96
19) n-Nitroso-di-n-propylamine	6.95	70	105838	35.48	ng	91
20) 3+4-Methylphenols	6.96	107	152565	38.78	ng	# 42
22) Acetophenone	6.94	105	200430	38.07	ng	# 86
24) Nitrobenzene	7.11	77	173346	37.76	ng	99
25) Isophorone	7.35	82	288471	35.23	ng	99
26) 2-Nitrophenol	7.43	139	75885	39.75	ng	# 68
27) 2,4-Dimethylphenol	7.49	122	133254	39.46	ng	88
28) bis(2-Chloroethoxy)methane	7.58	93	192643	39.83	ng	98
29) 2,4-Dichlorophenol	7.67	162	104876	36.88	ng	88
30) 1,2,4-Trichlorobenzene	7.75	180	114333	36.18	ng	98
31) Naphthalene	7.83	128	419441	37.52	ng	99
32) Benzoic acid	7.62	122	79515	41.86	ng	95
33) 4-Chloroaniline	7.89	127	80762	17.12	ng	# 87
34) Hexachlorobutadiene	7.95	225	66283	37.09	ng	98
35) Caprolactam	8.26	113	42405m	42.67	ng	
36) 4-Chloro-3-methylphenol	8.38	107	125950	37.17	ng	97
37) 2-Methylnaphthalene	8.51	142	259014	36.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	112539	39.82	ng	98
40) Hexachlorocyclopentadiene	8.67	237	117560	80.37	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	76634	38.38	ng	98
43) 2,4,5-Trichlorophenol	8.85	196	79320	39.75	ng	98
45) 1,1'-Biphenyl	8.98	154	333492	43.23	ng	98
46) 2-Chloronaphthalene	8.99	162	222937	35.97	ng	# 90
47) 2-Nitroaniline	9.10	65	90049	35.50	ng	98
48) Acenaphthylene	9.41	152	351931	31.74	ng	99
49) Dimethylphthalate	9.29	163	245803	34.08	ng	100
50) 2,6-Dinitrotoluene	9.35	165	56434	36.44	ng	# 74
51) Acenaphthene	9.58	154	214068	32.25	ng	99
52) 3-Nitroaniline	9.51	138	42601	21.98	ng	97
53) 2,4-Dinitrophenol	9.62	184	58112	69.39	ng	# 72
54) Dibenzofuran	9.75	168	299363	33.66	ng	93
55) 4-Nitrophenol	9.69	139	84502	62.08	ng	85
56) 2,4-Dinitrotoluene	9.75	165	72620	35.38	ng	# 63
57) Fluorene	10.09	166	258751	37.82	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	62009m	40.15	ng	
59) Diethylphthalate	9.99	149	287103	37.60	ng	97
60) 4-Chlorophenyl-phenylether	10.09	204	118908	41.07	ng	94
61) 4-Nitroaniline	10.13	138	74223	37.47	ng	91
62) Azobenzene	10.25	77	352820	40.10	ng	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	36345	35.07	ng	88
65) n-Nitrosodiphenylamine	10.22	169	230594	37.22	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	63016	36.96	ng	# 69
67) Hexachlorobenzene	10.63	284	62471	36.18	ng	# 79
68) Atrazine	10.74	200	62196	36.04	ng	98
69) Pentachlorophenol	10.83	266	74638	72.05	ng	97
70) Phenanthrene	11.04	178	386619	37.59	ng	100
71) Anthracene	11.09	178	346082	34.58	ng	100
72) Carbazole	11.25	167	344642	35.77	ng	98
73) Di-n-butylphthalate	11.60	149	472912	40.56	ng	99
74) Fluoranthene	12.22	202	423257	38.14	ng	98
76) Benzidine	12.34	184	190196	38.55	ng	99
77) Pyrene	12.44	202	385753	36.33	ng	99
79) Butylbenzylphthalate	13.08	149	178843	39.19	ng	# 68
80) Benzo(a)anthracene	13.61	228	355211	40.56	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	73351	25.85	ng	97
82) Chrysene	13.66	228	347161	43.98	ng	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	253190	43.31	ng	100
84) Di-n-octyl phthalate	14.25	149	427864	48.16	ng	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	250734	45.24	ng	# 94
87) Benzo(b)fluoranthene	14.61	252	278002m	34.84	ng	
88) Benzo(k)fluoranthene	14.63	252	274395m	36.90	ng	
89) Benzo(a)pyrene	14.90	252	273405	39.32	ng	# 97
90) Dibenzo(a,h)anthracene	16.13	278	207590	38.32	ng	# 93
91) Benzo(g,h,i)perylene	16.46	276	207989	37.84	ng	# 89

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

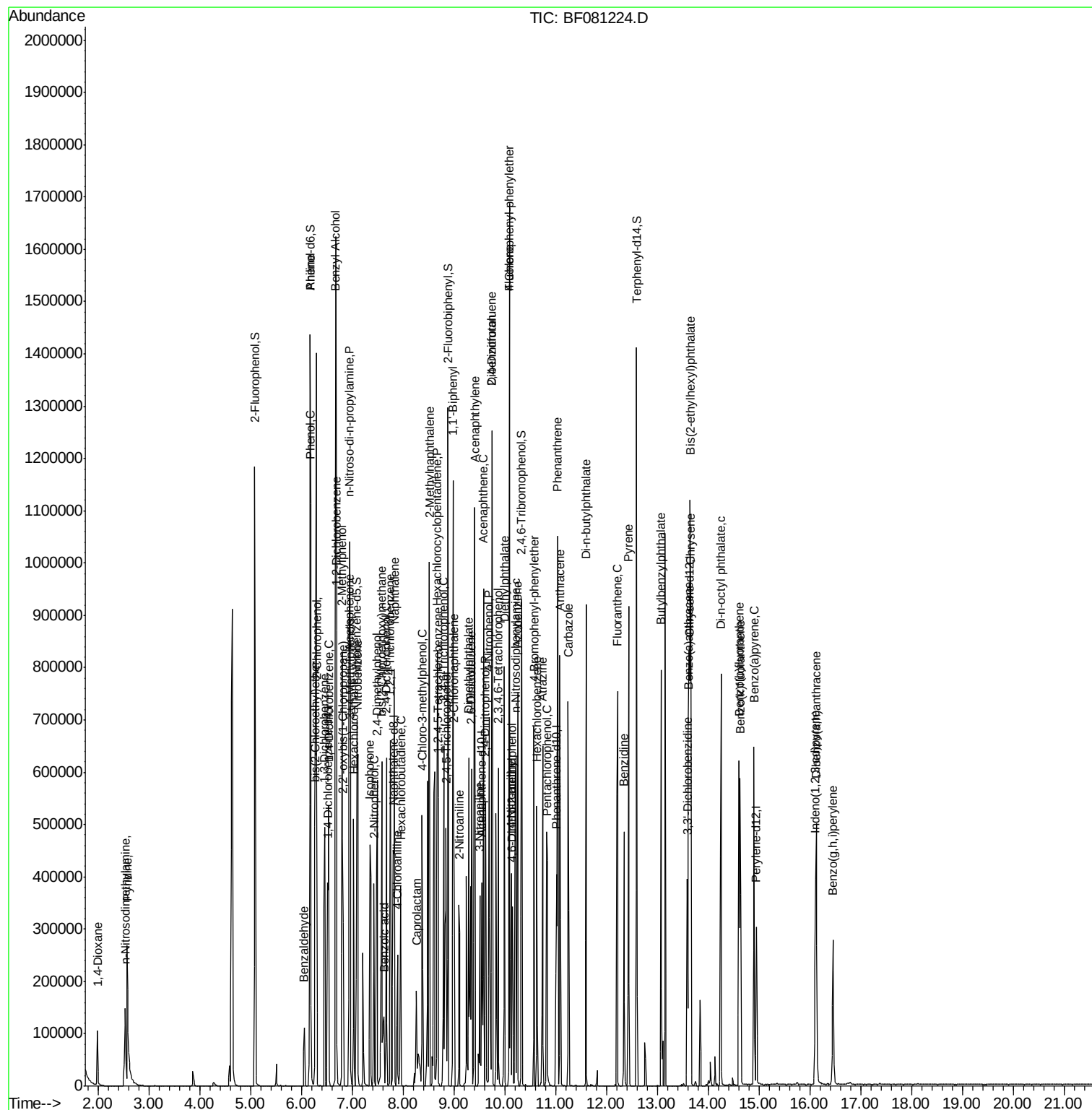
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
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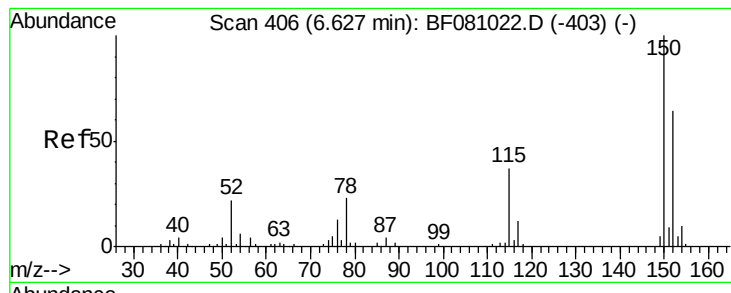
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 ClientSampleId :
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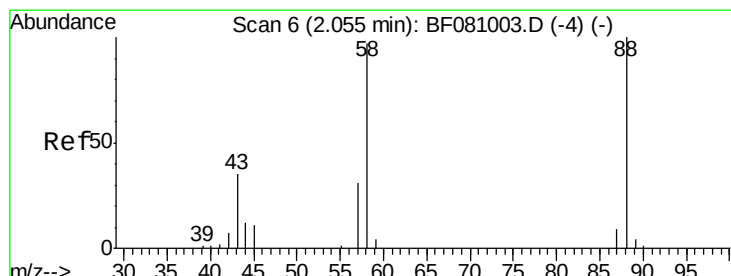
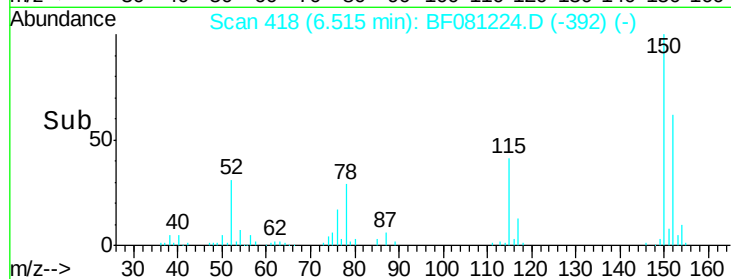
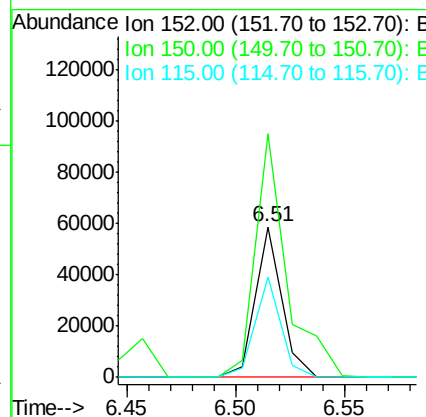
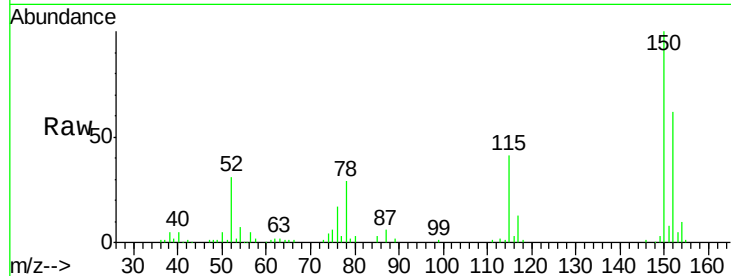
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.8	185.6
115	66.4	52.1	78.1

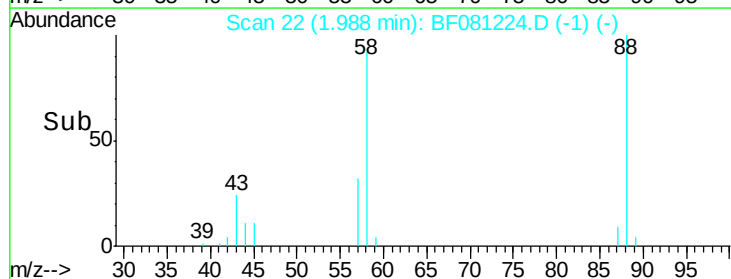
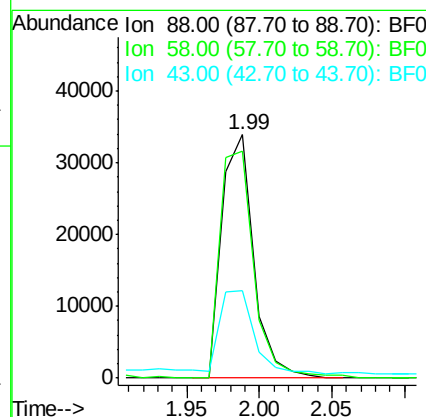
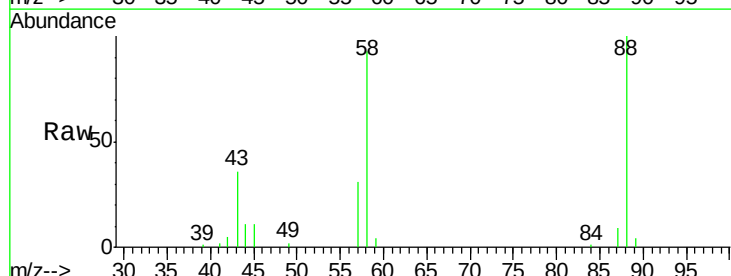
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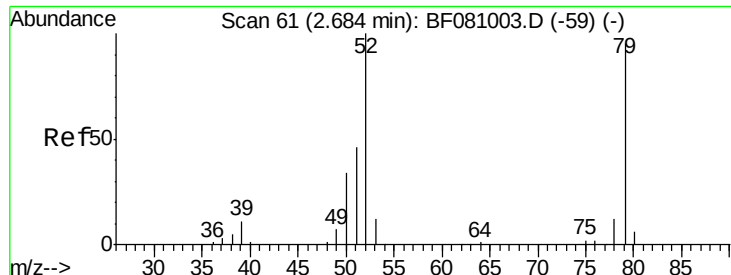
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#2
 1,4-Dioxane
 Concen: 33.02 ng
 RT: 1.99 min Scan# 22
 Delta R.T. 0.08 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.3	83.7	125.5
43	41.8	37.5	56.3





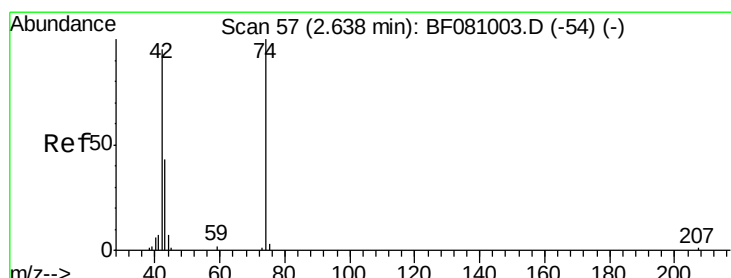
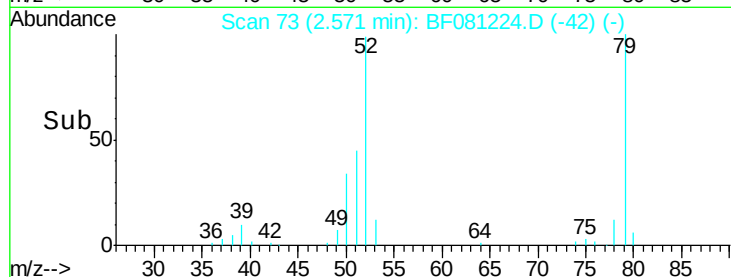
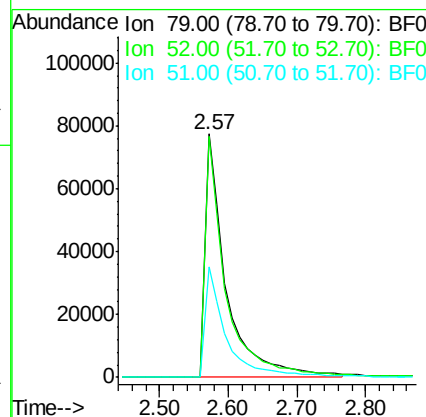
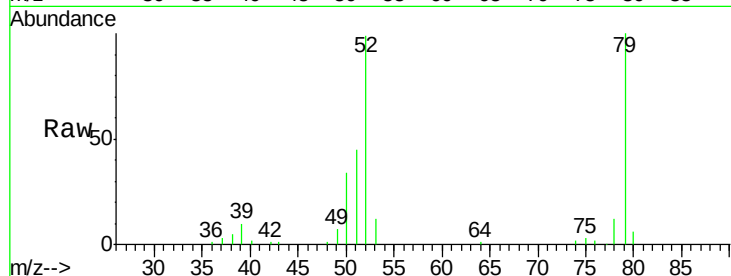
#3
 Pyridine
 Concen: 37.16 ng
 RT: 2.57 min Scan# 73
 Delta R.T. 0.06 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	98.8	95.1	142.7
51	45.3	46.6	70.0#

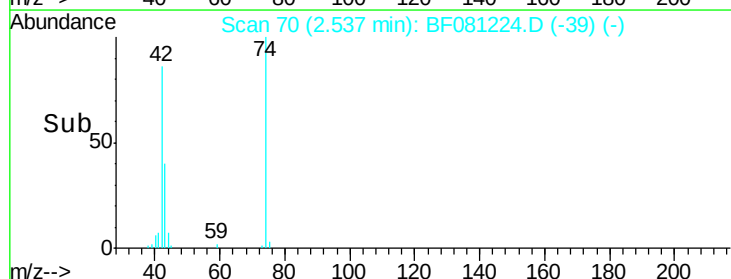
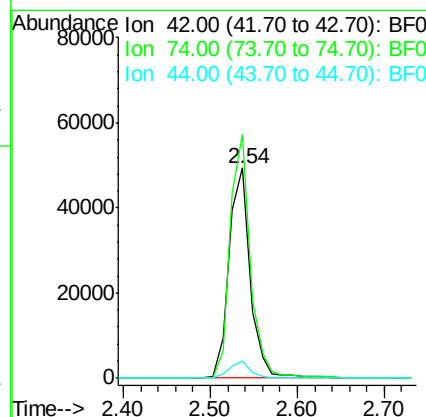
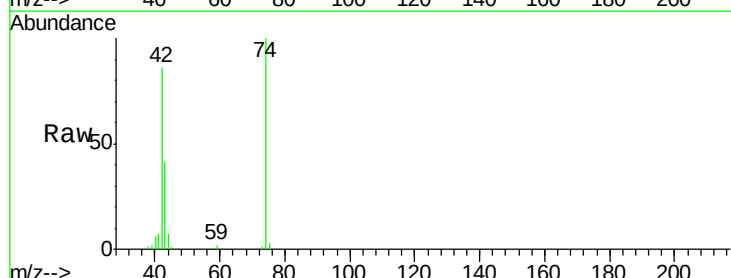
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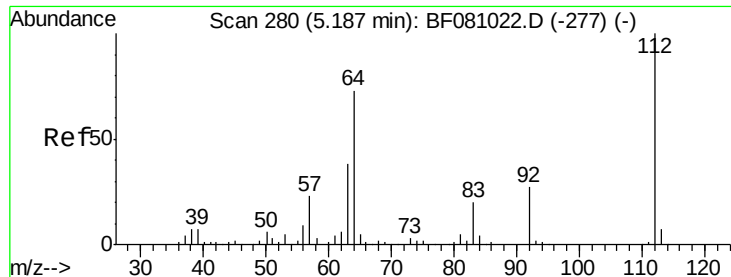
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#4
 n-Nitrosodimethylamine
 Concen: 34.54 ng
 RT: 2.54 min Scan# 70
 Delta R.T. 0.06 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.8	69.3	103.9#
44	8.1	5.5	8.3





#5

2-Fluorophenol

Concen: 112.90 ng

RT: 5.09 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081224.D

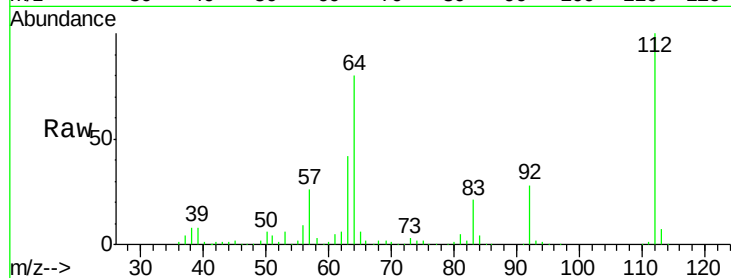
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Instrument :

BNA_F

ClientSampleId :

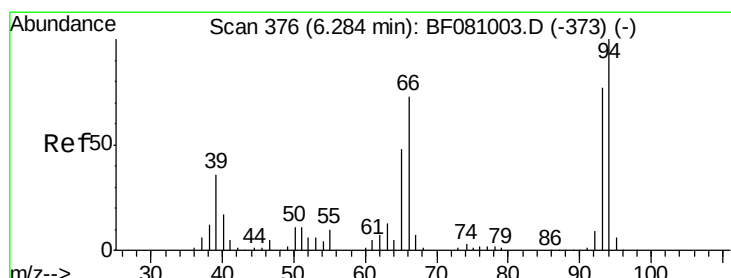
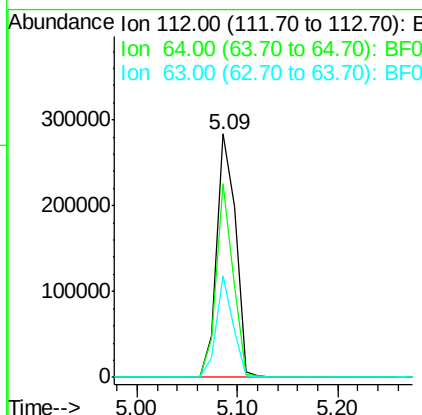
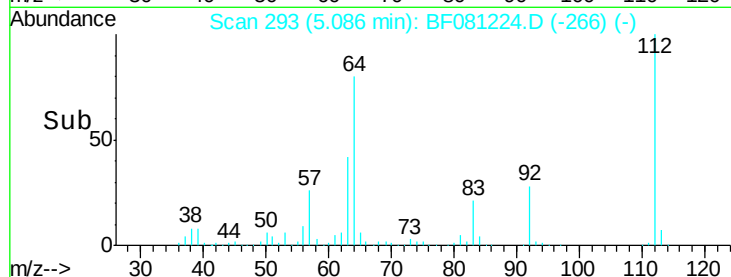
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	372586		
64	79.6	66.9	100.3	
63	41.6	38.1	57.1	

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#6

Aniline

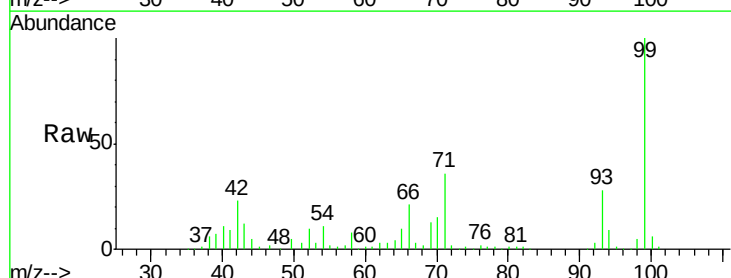
Concen: 24.38 ng

RT: 6.17 min Scan# 388

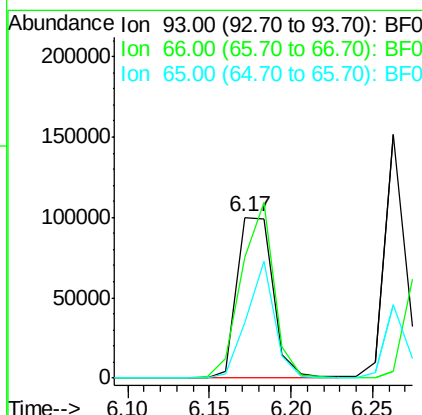
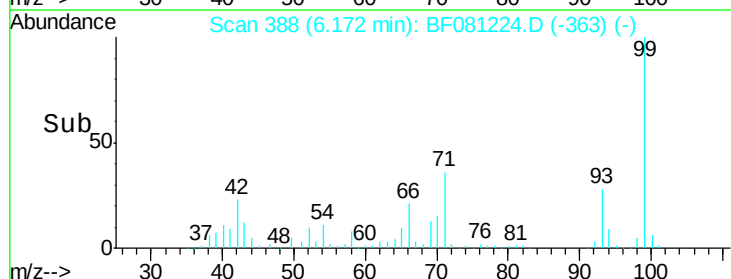
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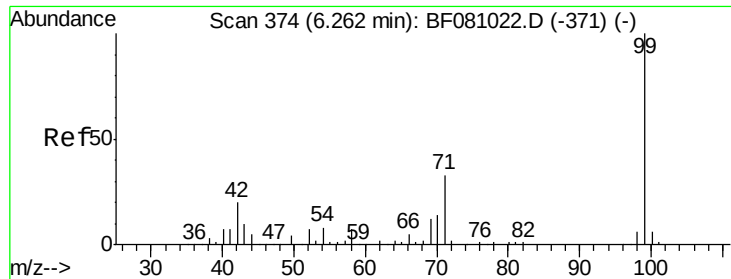
Lab File: BF081224.D

Acq: 26 Aug 2015 21:18



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	152666		
66	75.1	35.6	53.4#	
65	34.5	18.7	28.1#	





#7

Phenol-d6

Concen: 112.46 ng

RT: 6.17 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081224.D

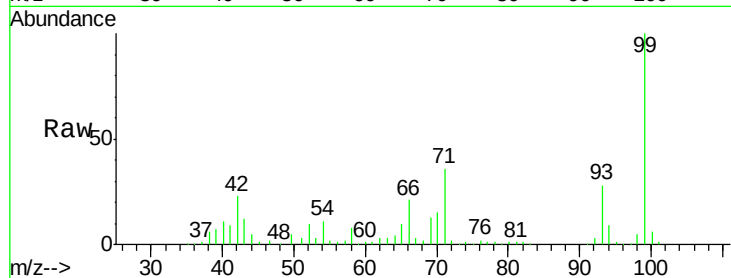
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Instrument :

BNA_F

ClientSampleId :

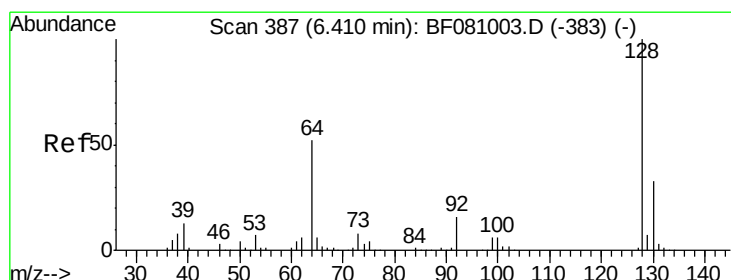
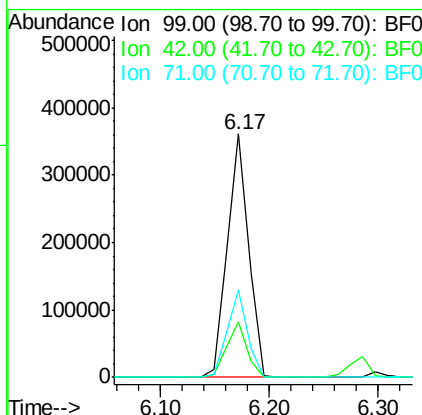
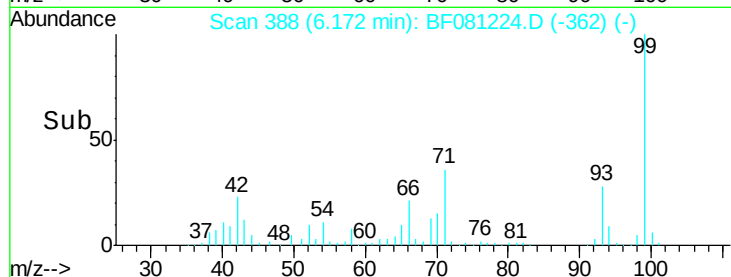
PB85099BS



Tgt Ion:	99	Resp:	484227
Ion Ratio	Lower	Upper	
99	100		
42	23.0	19.6	29.4
71	35.9	31.2	46.8

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#8

2-Chlorophenol

Concen: 37.04 ng

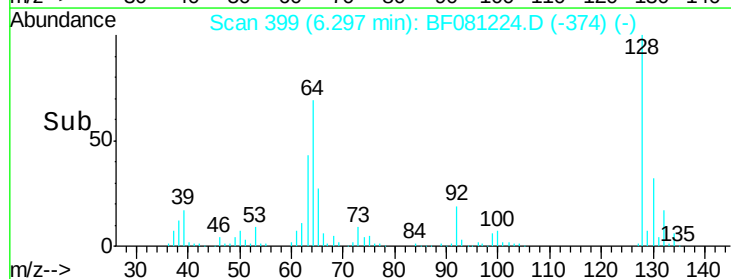
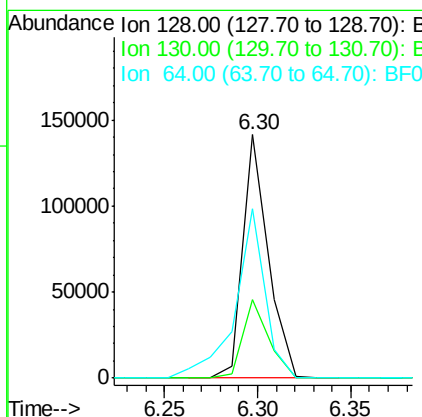
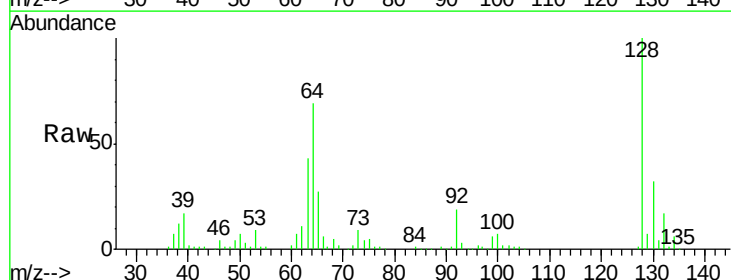
RT: 6.30 min Scan# 399

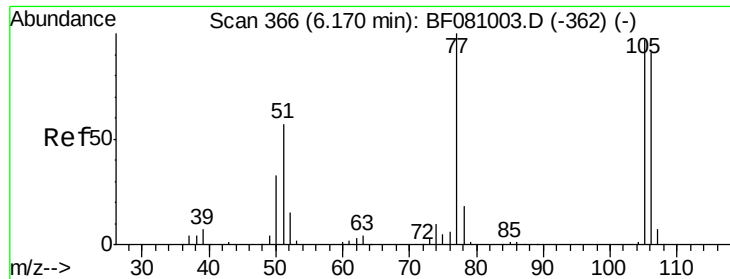
Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	128	Resp:	133791
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.5	52.5
64	69.4	46.8	86.8





#9

Benzaldehyde

Concen: 10.18 ng

RT: 6.06 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

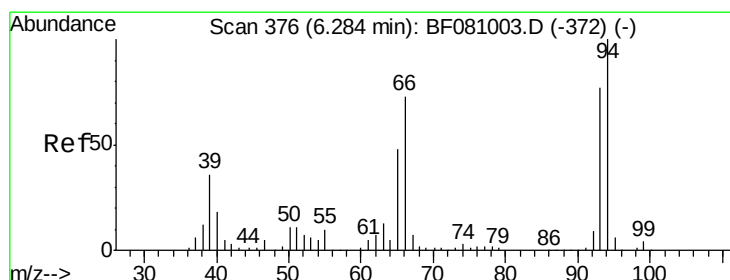
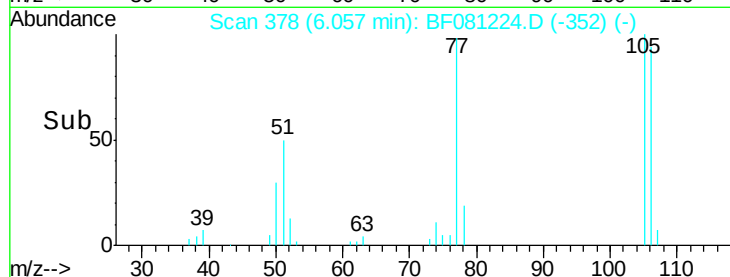
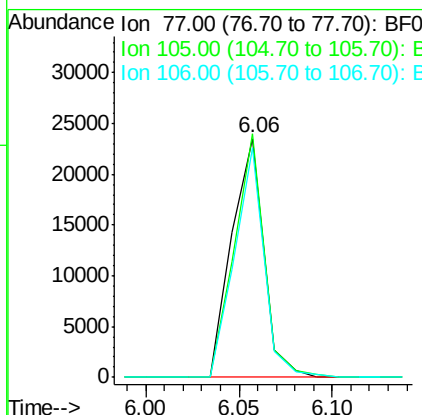
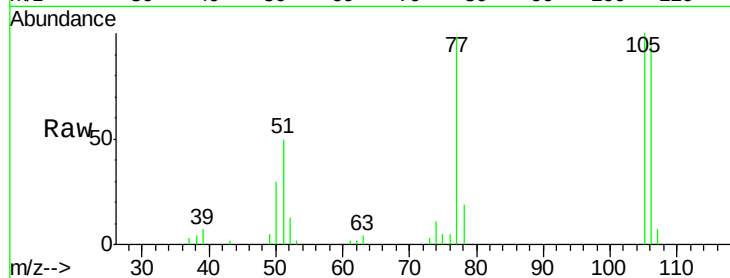
ClientSampleId :

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Tgt Ion:	77	Resp:	28270
Ion	Ratio	Lower	Upper
77	100		
105	102.0	69.6	109.6
106	96.3	64.0	104.0



#10

Phenol

Concen: 31.85 ng

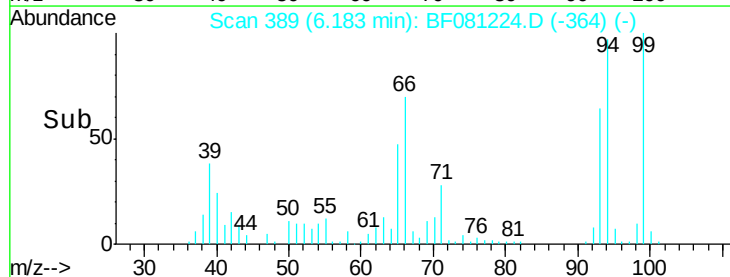
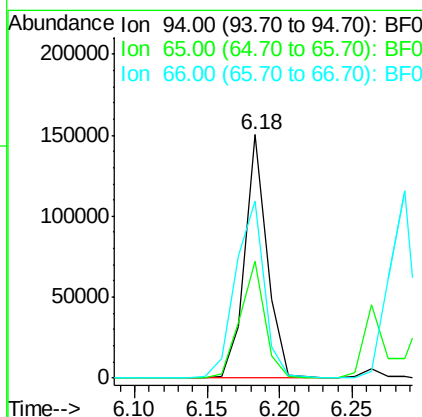
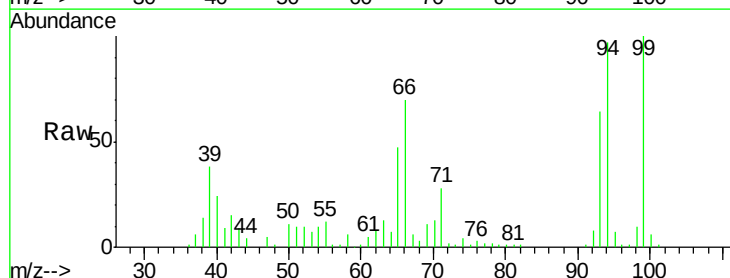
RT: 6.18 min Scan# 389

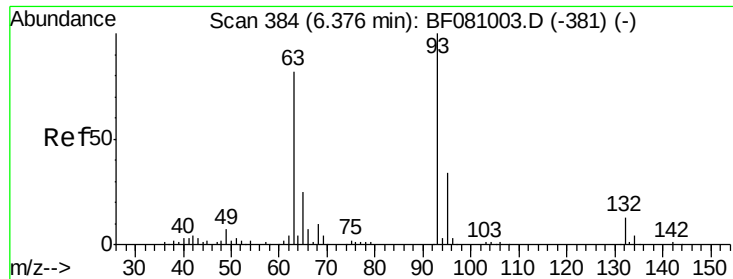
Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	94	Resp:	161963
Ion	Ratio	Lower	Upper
94	100		
65	48.2	28.4	68.4
66	72.5	52.3	92.3





#11

bis(2-Chloroethyl)ether

Concen: 35.42 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

PB85099BS

Tgt Ion: 93 Resp: 138221
Ion Ratio Lower Upper

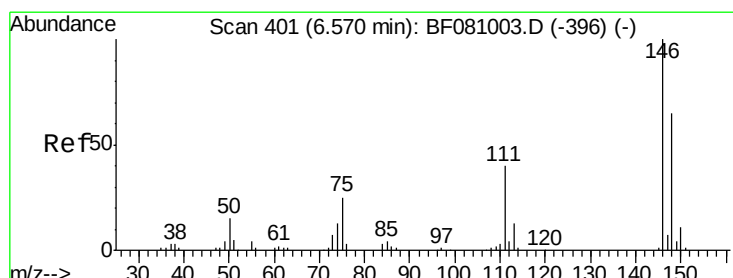
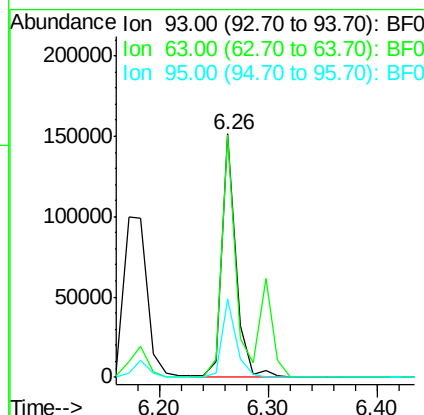
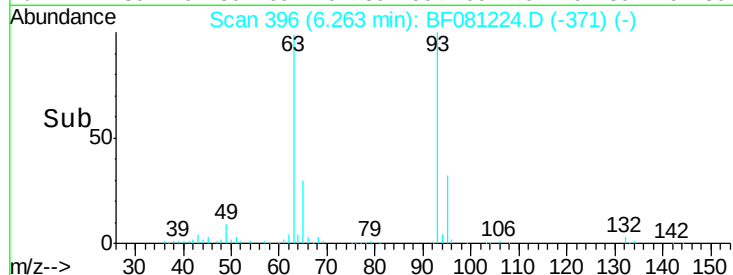
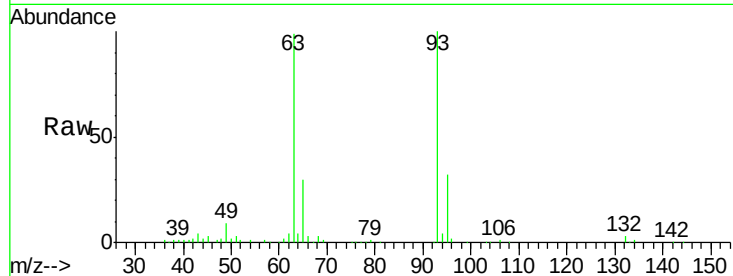
93 100

63 99.5 69.6 109.6

95 32.1 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 36.39 ng

RT: 6.46 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF081224.D

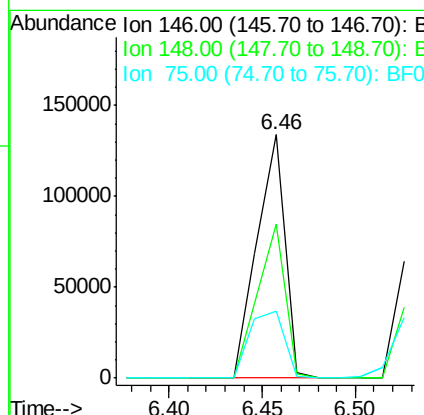
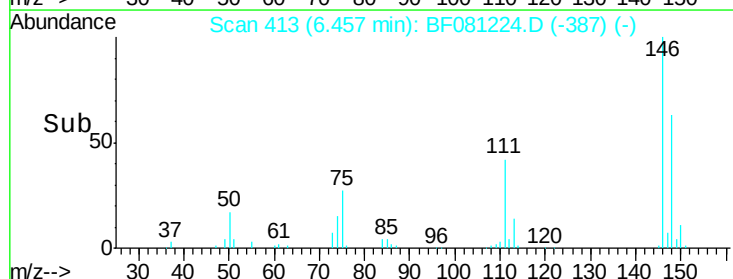
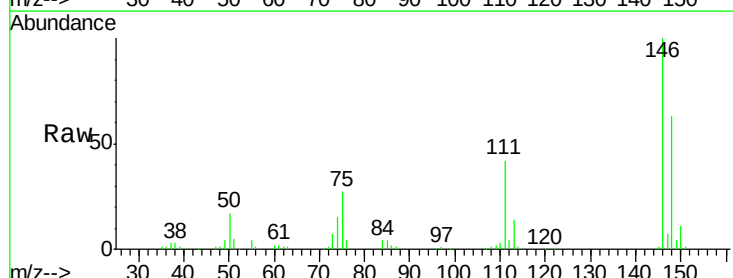
Acq: 26 Aug 2015 21:18

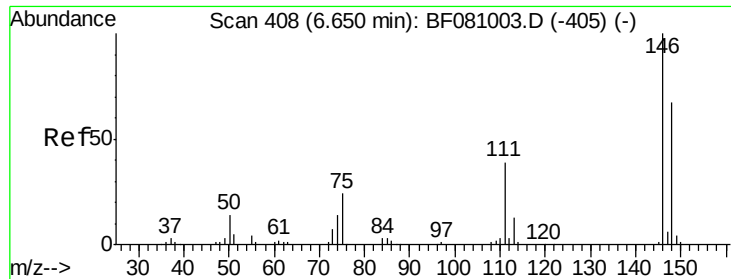
Tgt Ion: 146 Resp: 141260
Ion Ratio Lower Upper

146 100

148 63.4 53.3 79.9

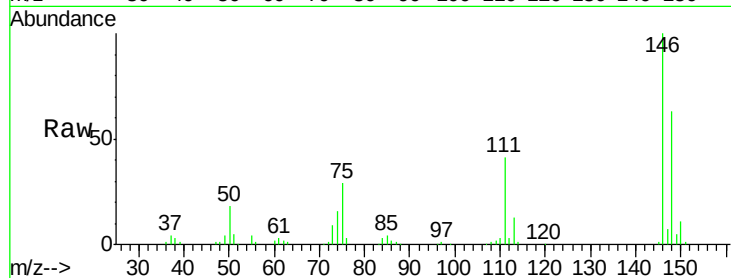
75 27.4 25.0 37.6





#13
 1,4-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.54 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

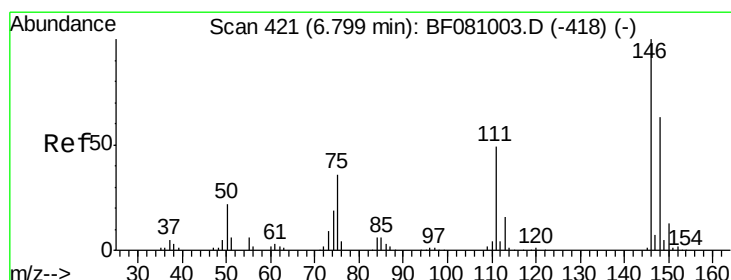
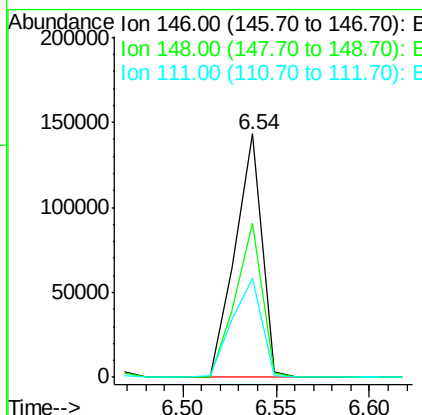
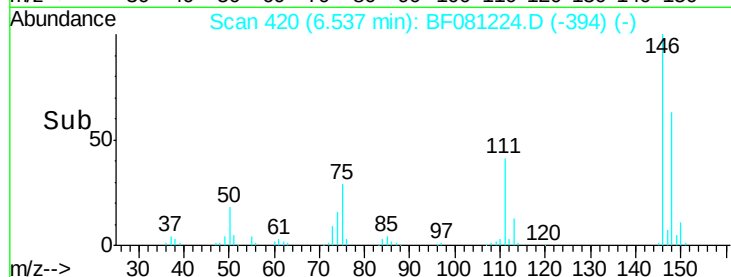
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS



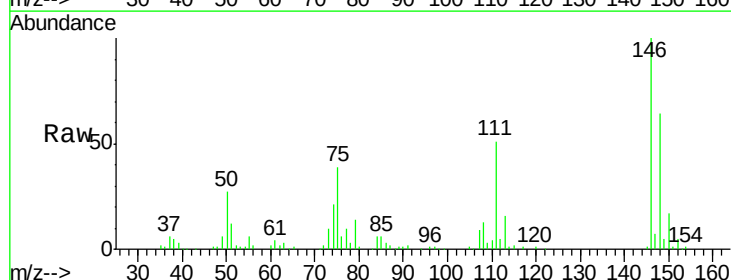
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.3	78.5
111	40.8	34.4	51.6

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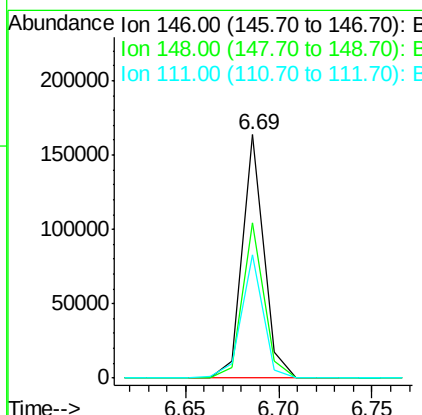
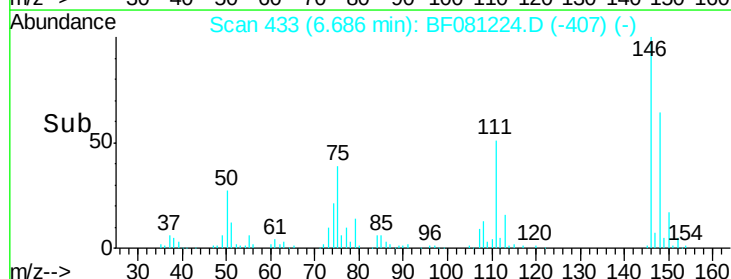
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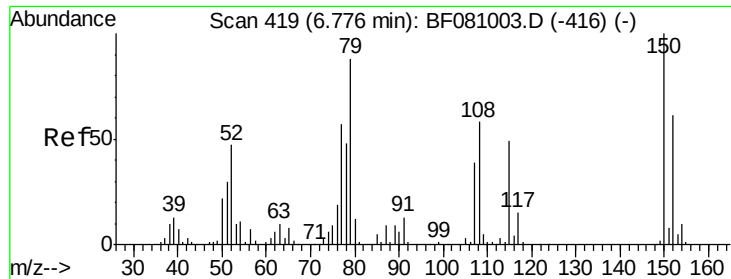


#14
 1,2-Dichlorobenzene
 Concen: 36.82 ng
 RT: 6.69 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	48.7	73.1
111	50.6	42.3	63.5





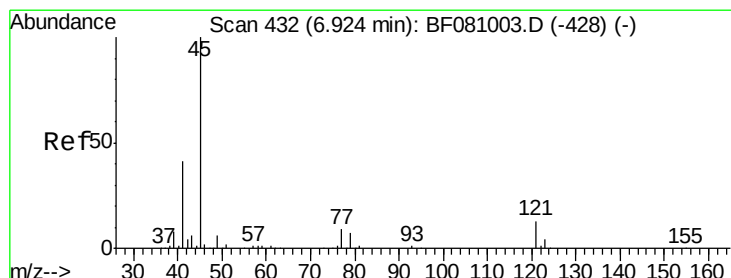
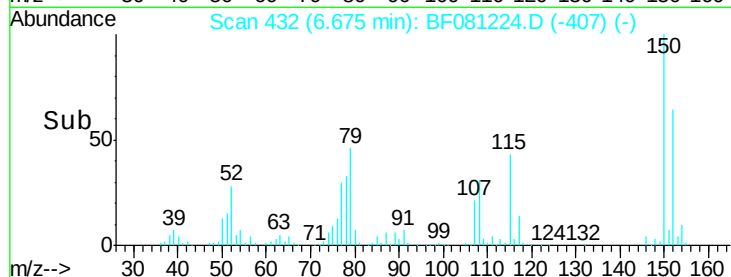
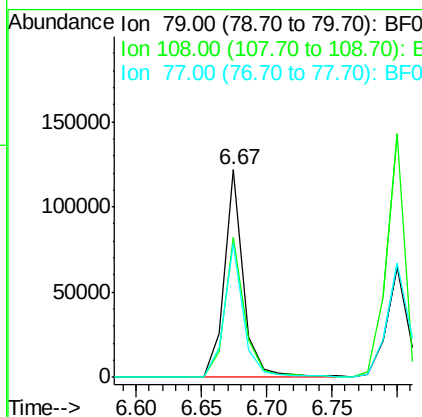
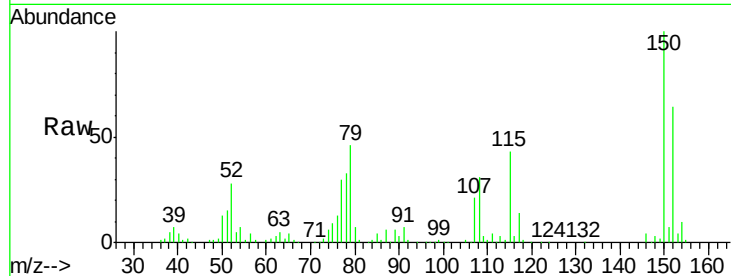
#15
Benzyl Alcohol
Concen: 36.02 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	67.6	49.4	74.2
77	64.0	51.4	77.0

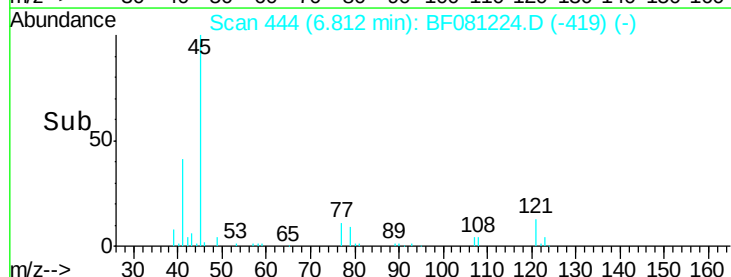
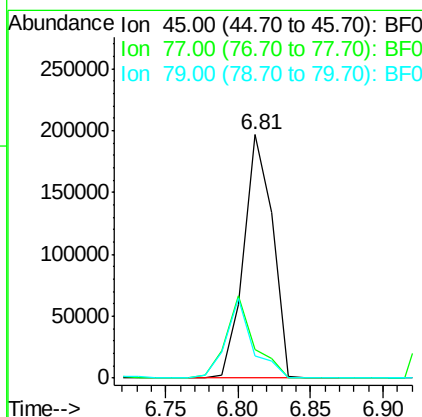
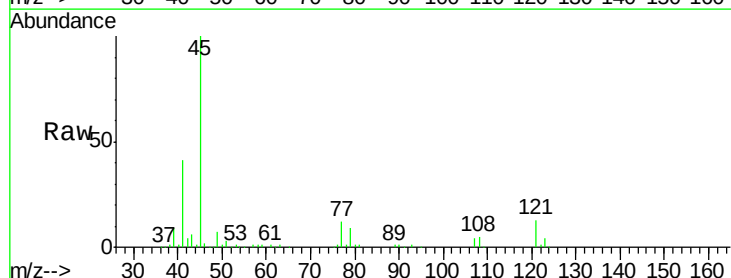
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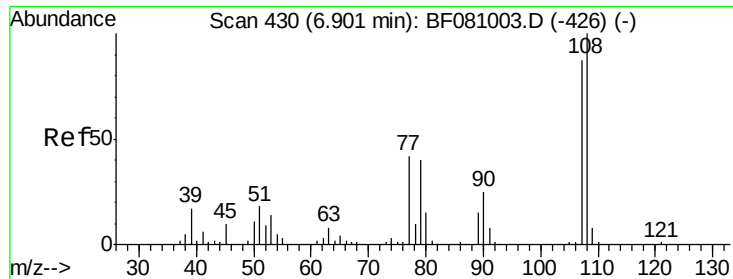
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.21 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

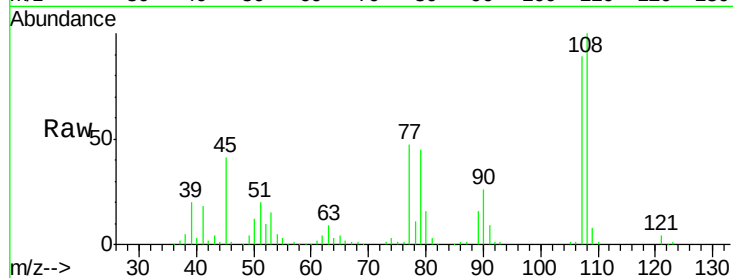
Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	30.2
79	9.0	0.0	28.0





#17
2-Methylphenol
Concen: 39.81 ng
RT: 6.80 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

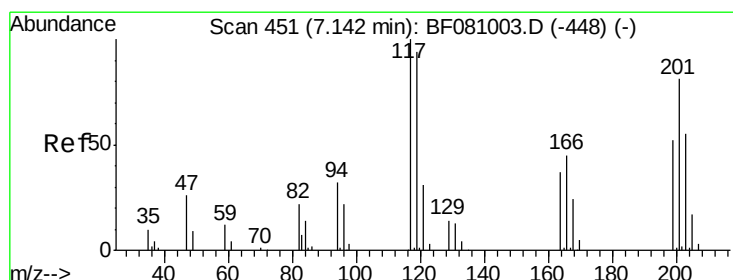
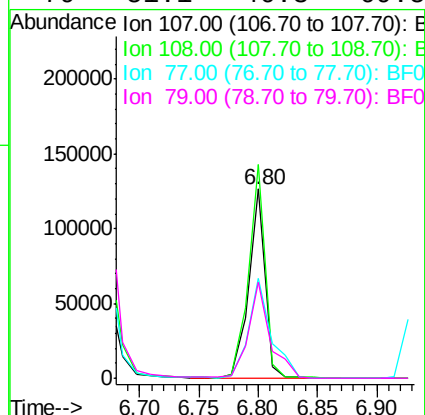
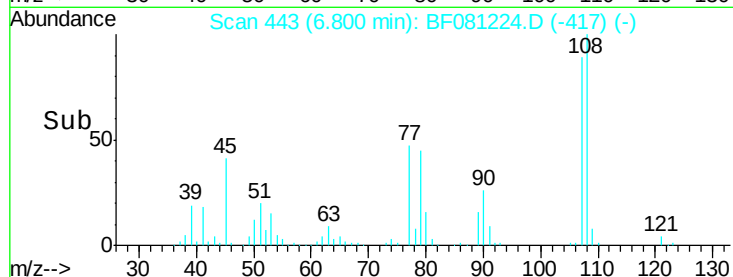
Instrument :
BNA_F
ClientSampleId :
PB85099BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	123395		
108	112.9	90.4	135.6	
77	52.8	46.5	69.7	
79	51.1	46.3	69.5	

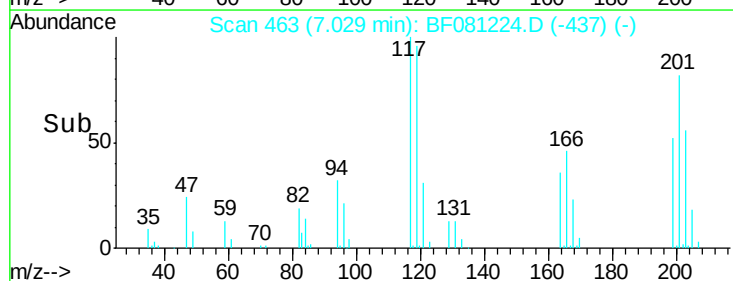
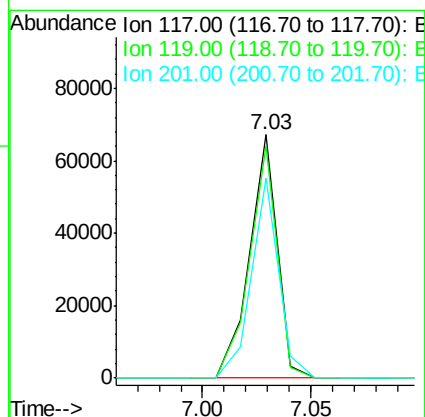
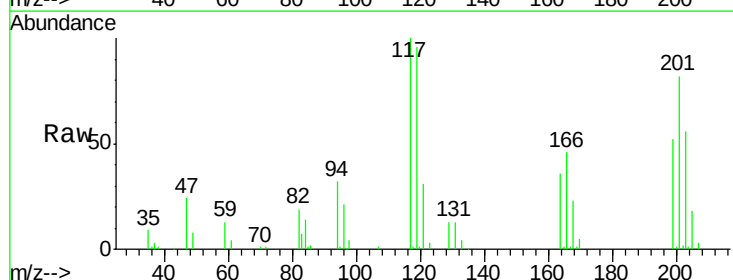
Manual Integrations
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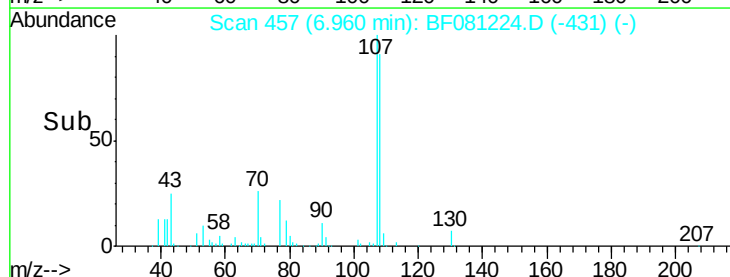
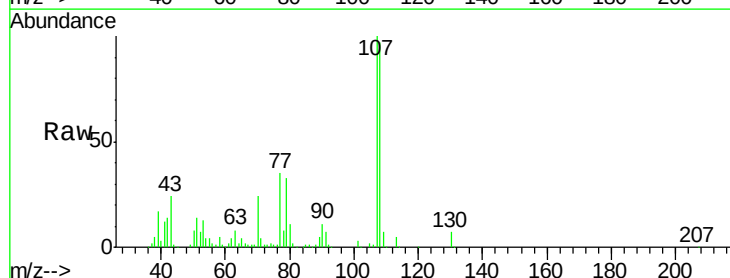
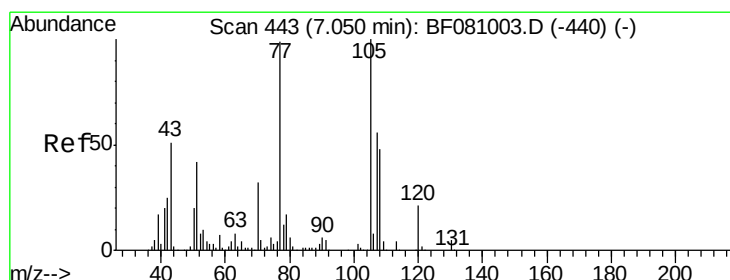
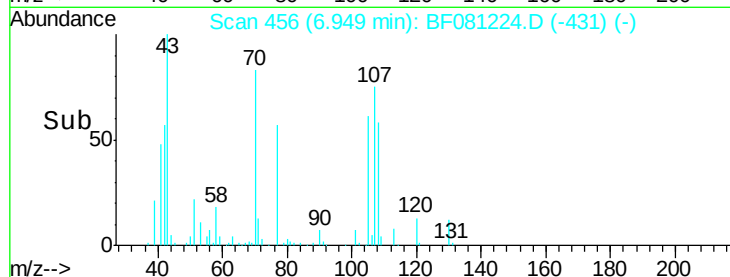
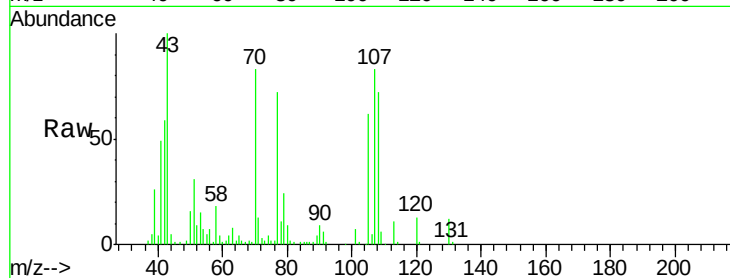
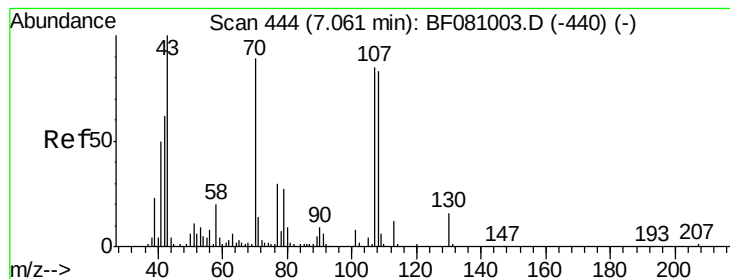
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#18
Hexachloroethane
Concen: 38.16 ng
RT: 7.03 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59265		
119	95.5	77.9	116.9	
201	82.3	61.3	91.9	





#19

n-Nitroso-di-n-propylamine

Concen: 35.48 ng

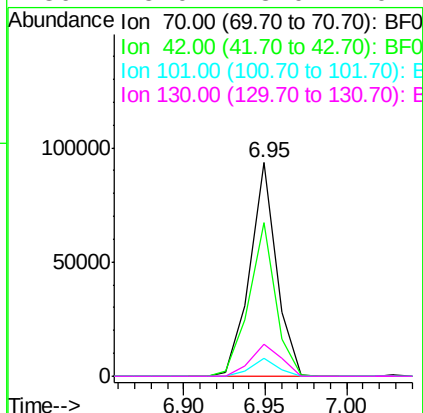
RT: 6.95 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	105838		
42	71.7	65.0	97.4	
101	8.3	7.4	11.2	
130	15.0	13.0	19.4	



Instrument :

BNA_F

ClientSampleId :

PB85099BS

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#20

3+4-Methylphenols

Concen: 38.78 ng

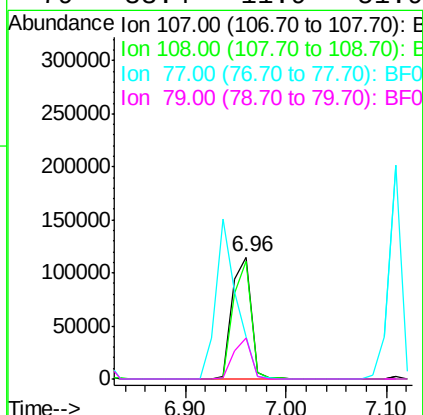
RT: 6.96 min Scan# 457

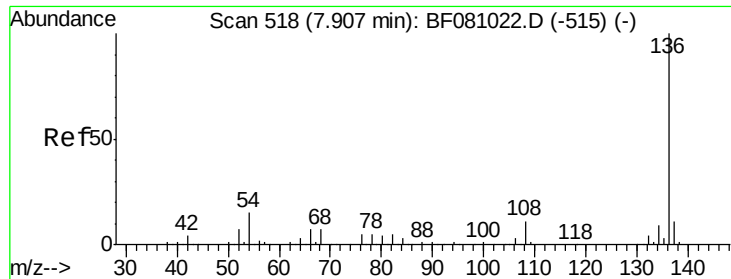
Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

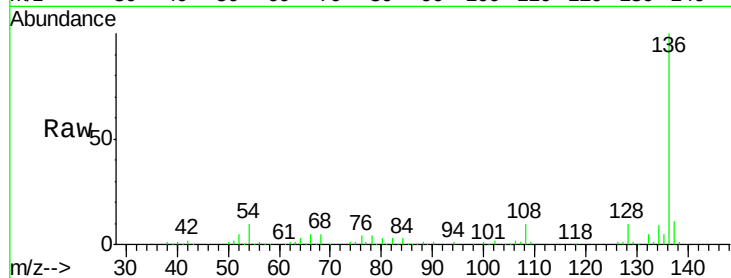
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	152565		
108	96.9	66.1	106.1	
77	35.2	139.3	179.3#	
79	33.4	11.9	51.9	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

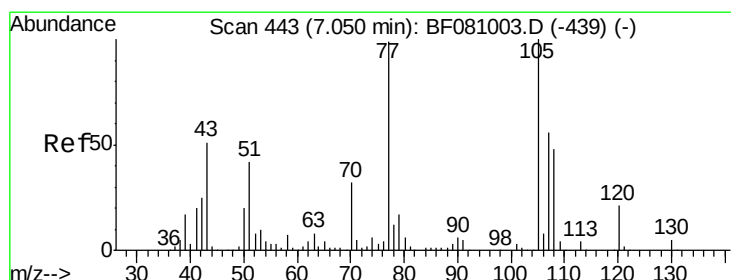
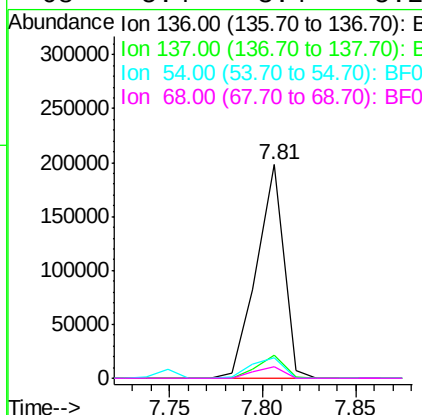
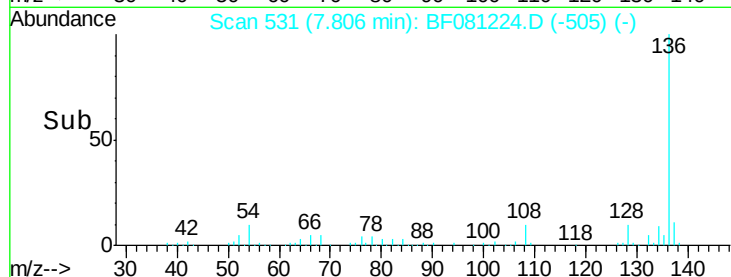
Instrument :
BNA_F
ClientSampleId :
PB85099BS



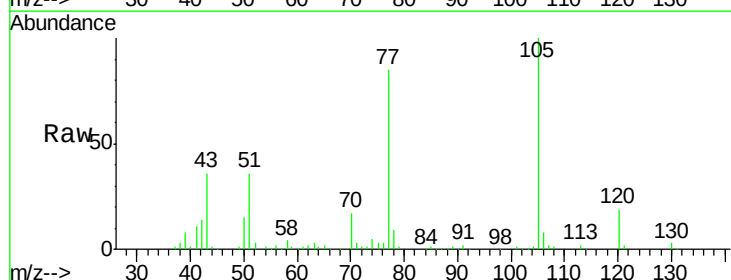
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	200560		
137	10.6	8.2	12.2	
54	9.5	7.7	11.5	
68	5.4	3.4	5.2#	

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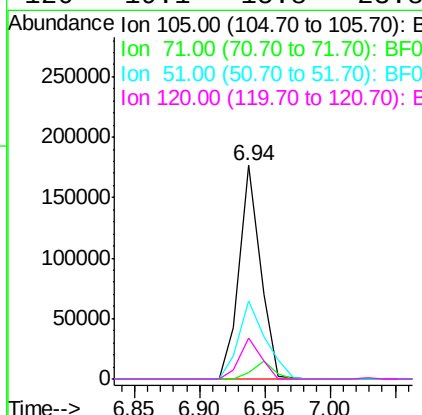
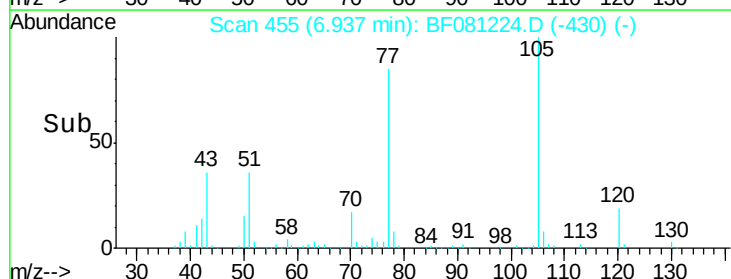
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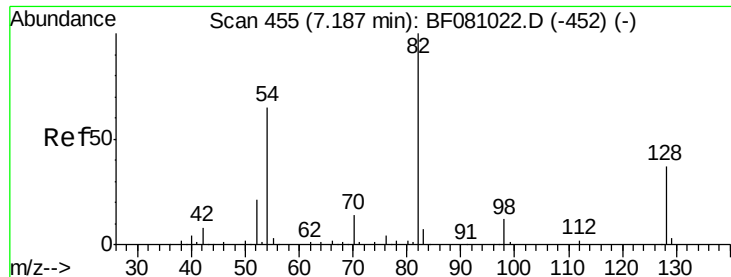


#22
Acetophenone
Concen: 38.07 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200430		
71	3.0	3.0	4.6#	
51	36.4	39.8	59.8#	
120	19.1	15.8	23.8	





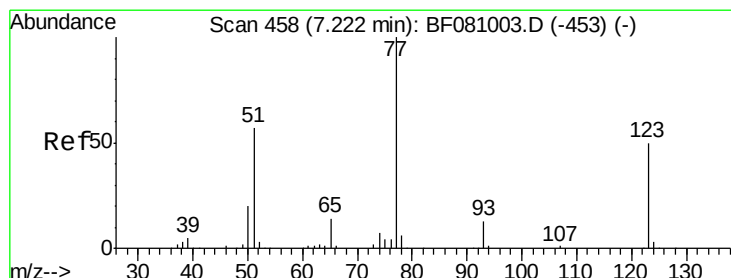
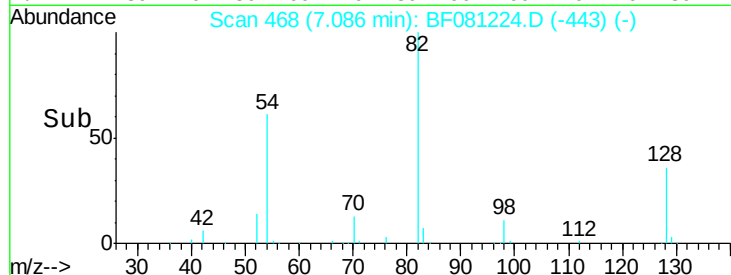
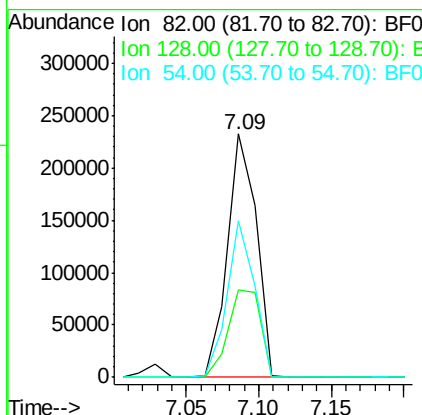
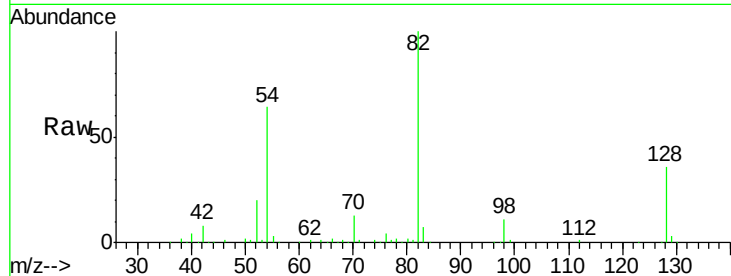
#23
 Nitrobenzene-d5
 Concen: 73.10 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.2	28.6	42.8
54	64.1	55.1	82.7

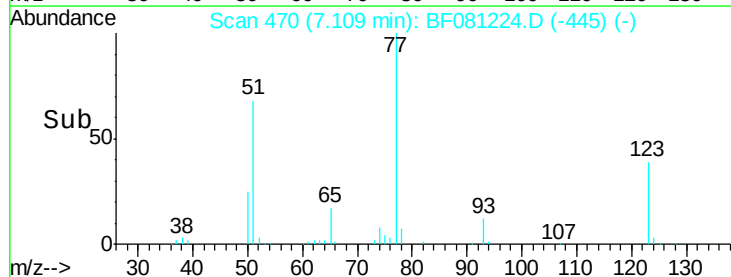
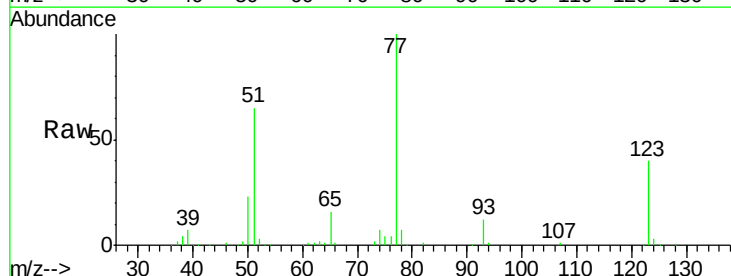
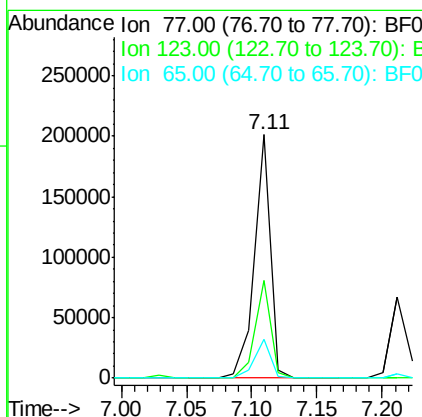
Manual Integrations
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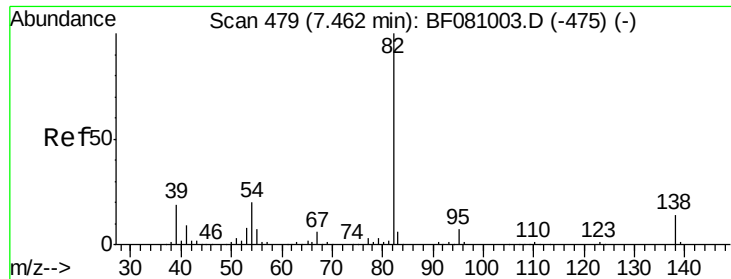
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#24
 Nitrobenzene
 Concen: 37.76 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	40.3	32.9	49.3
65	15.8	12.5	18.7





#25

Isophorone

Concen: 35.23 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

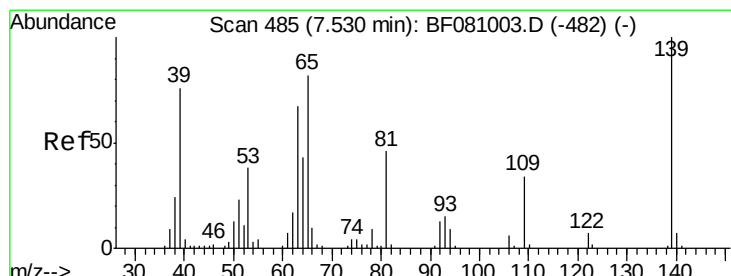
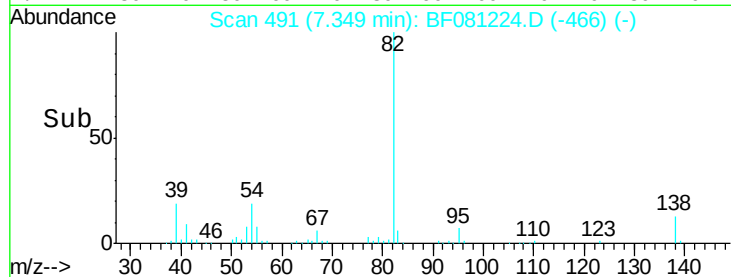
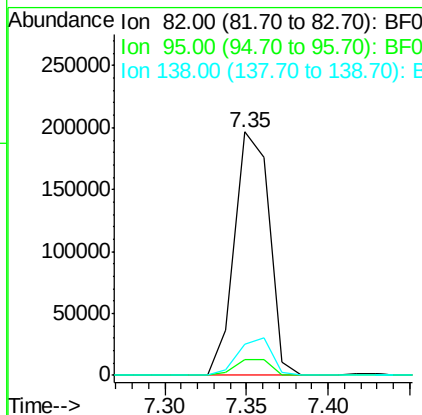
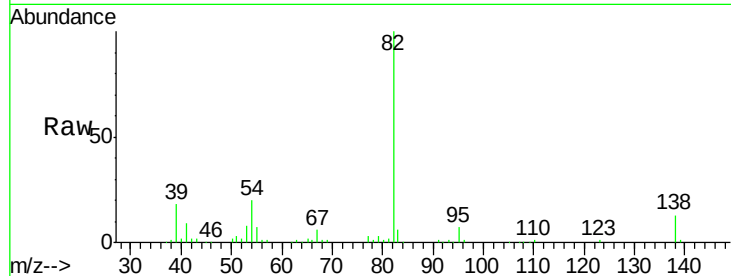
ClientSampled :

PB85099BS

Tgt Ion:	82	Resp:	288471
Ion Ratio		Lower	Upper
82	100		
95	6.7	6.2	9.2
138	12.8	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.75 ng

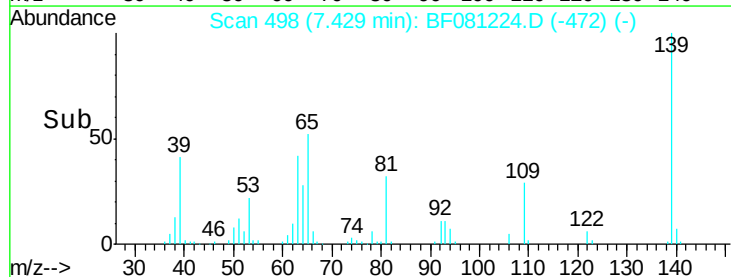
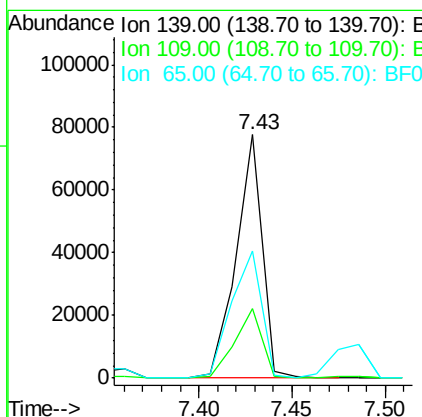
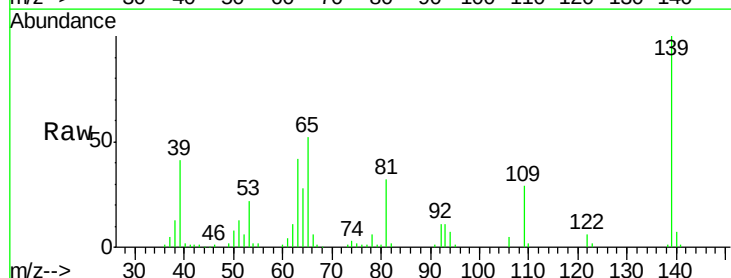
RT: 7.43 min Scan# 498

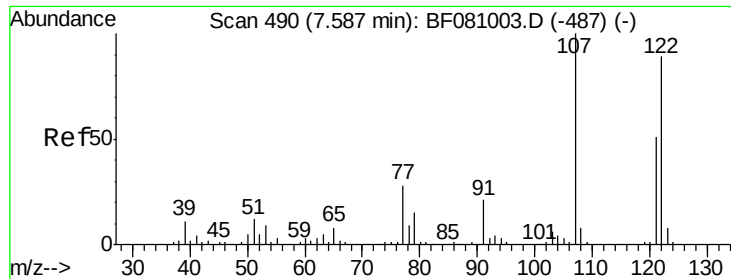
Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	139	Resp:	75885
Ion Ratio		Lower	Upper
139	100		
109	28.5	32.1	48.1#
65	52.5	69.9	104.9#





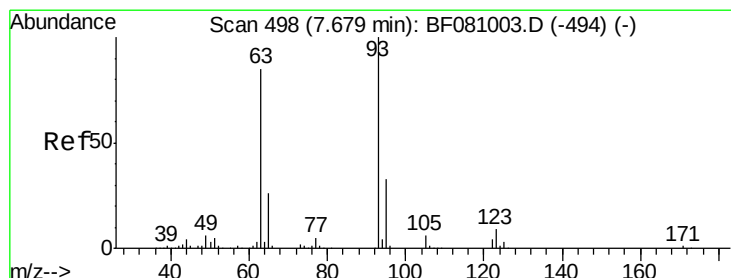
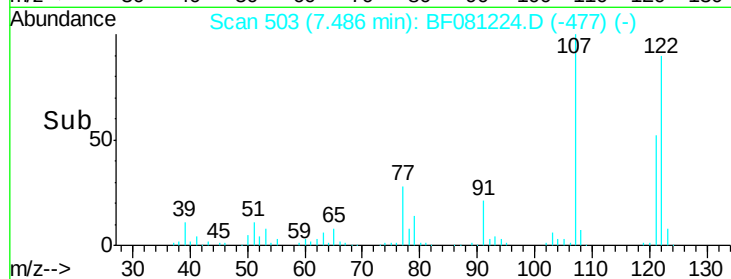
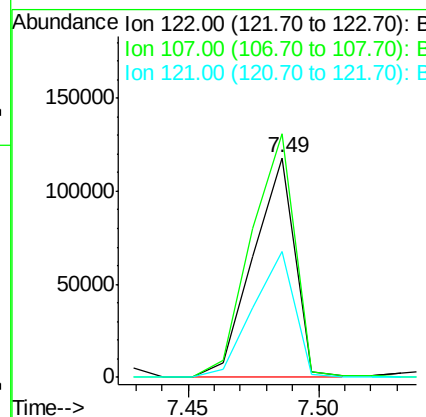
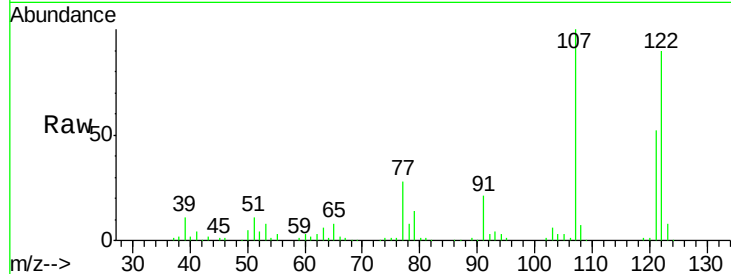
#27
 2,4-Dimethylphenol
 Concen: 39.46 ng
 RT: 7.49 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	133254		
107	111.0	103.8	155.6	
121	57.5	47.0	70.4	

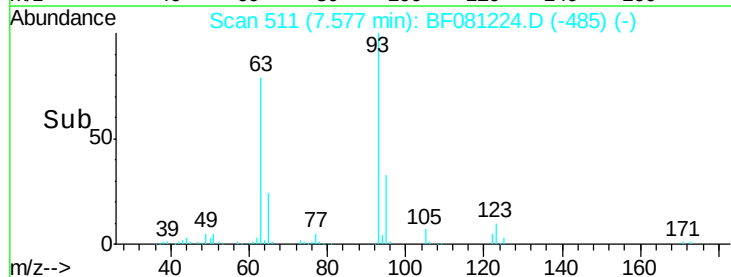
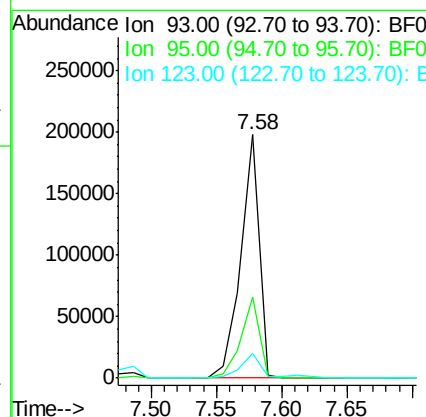
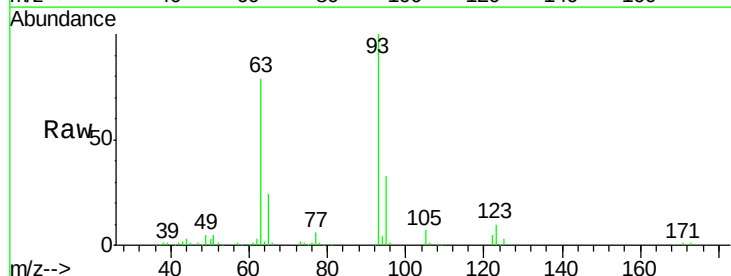
Manual Integrations
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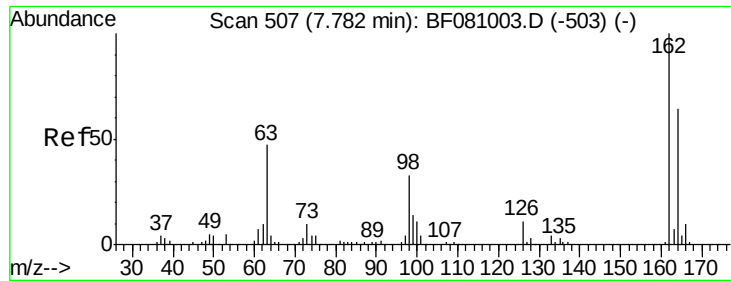
MMDadoda
 8/27/2015 2:32:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.83 ng
 RT: 7.58 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192643		
95	33.2	25.8	38.8	
123	10.0	7.4	11.0	





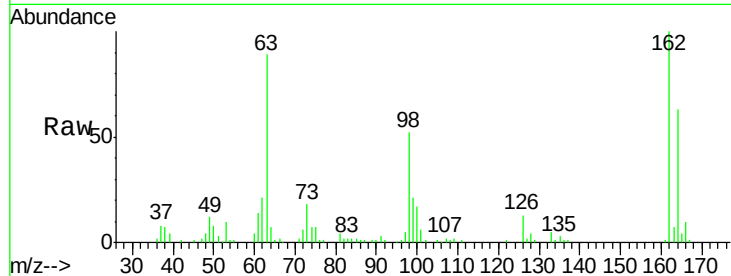
#29
 2,4-Dichlorophenol
 Concen: 36.88 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

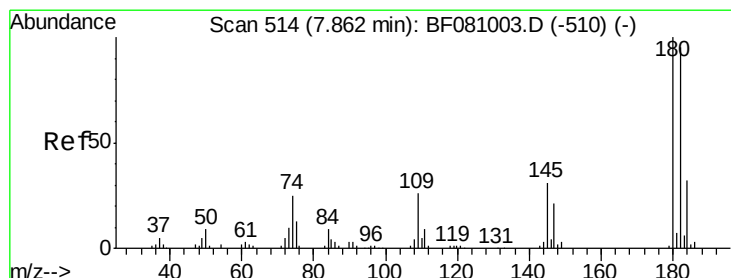
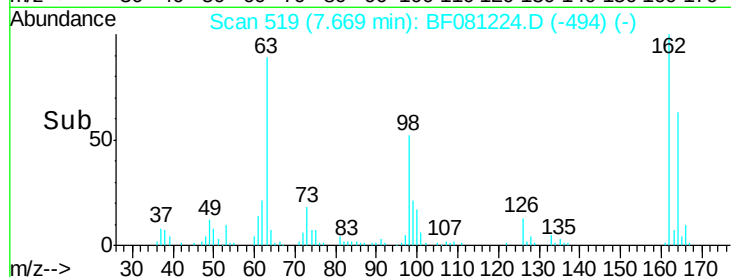
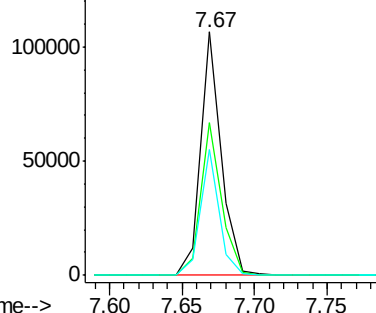
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	104876		
164	62.5	43.2	83.2	
98	51.6	12.3	52.3	

Manual Integrations
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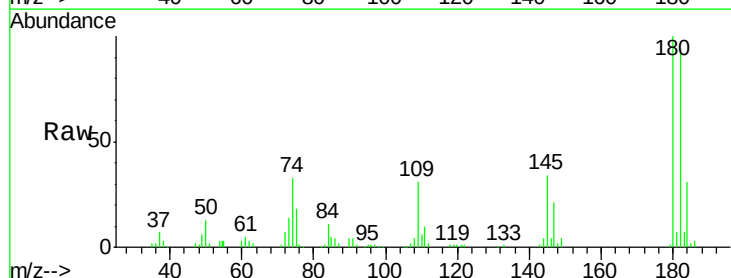


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

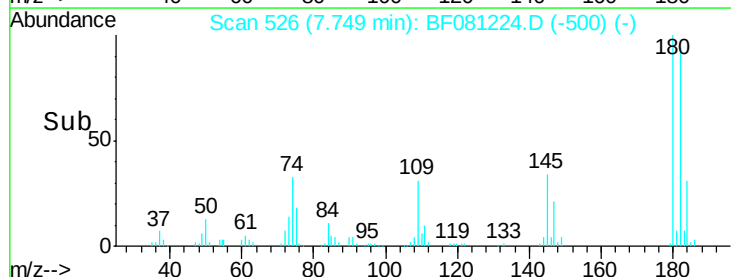
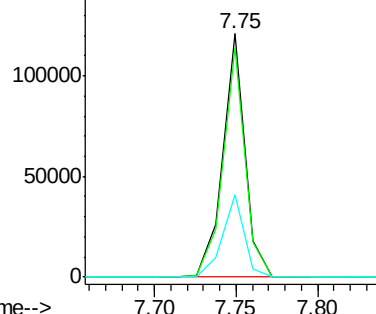


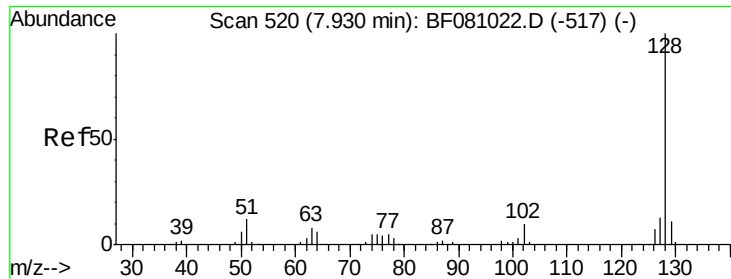
#30
 1,2,4-Trichlorobenzene
 Concen: 36.18 ng
 RT: 7.75 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114333		
182	94.4	76.4	114.6	
145	33.9	25.4	38.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





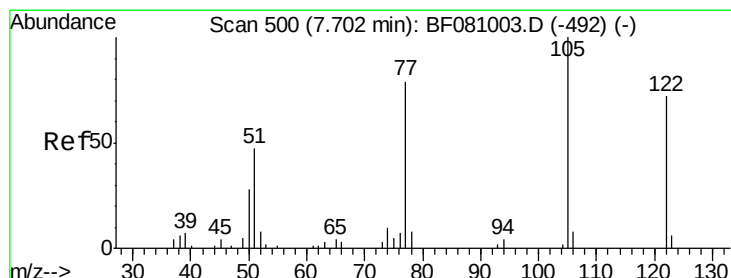
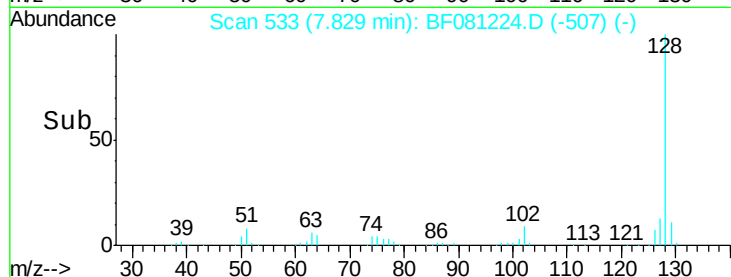
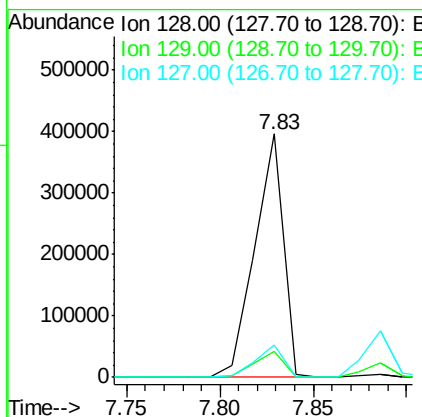
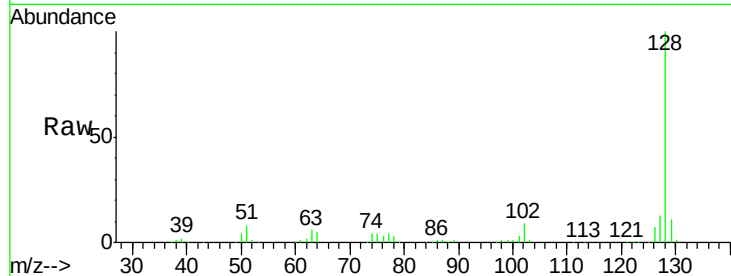
#31
Naphthalene
Concen: 37.52 ng
RT: 7.83 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	419441		
129	10.9	8.4	12.6	
127	13.2	10.6	16.0	

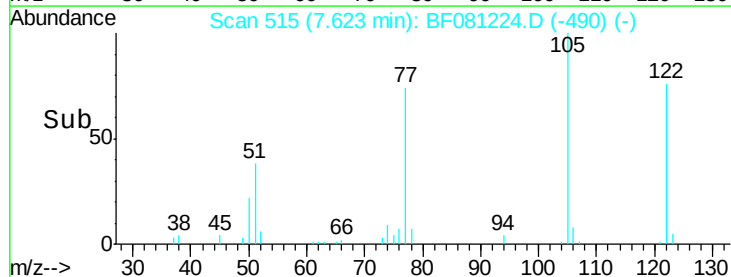
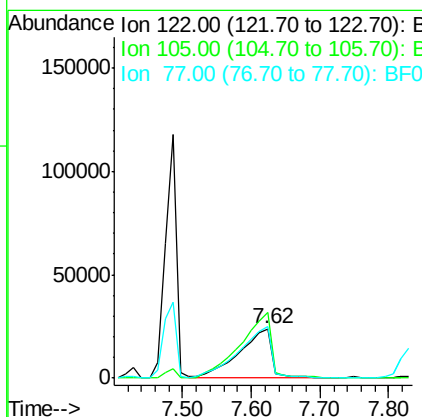
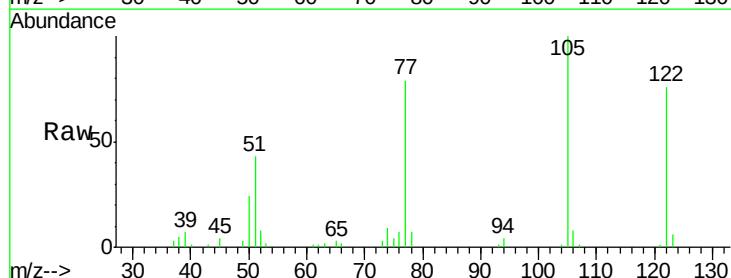
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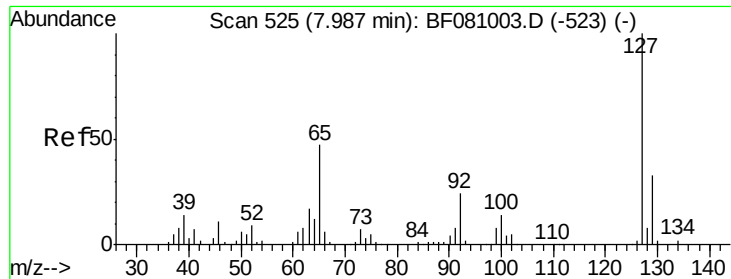
MMDadoda
8/27/2015 2:32:31 PM



#32
Benzoic acid
Concen: 41.86 ng
RT: 7.62 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79515		
105	131.6	113.8	153.8	
77	104.6	93.8	133.8	





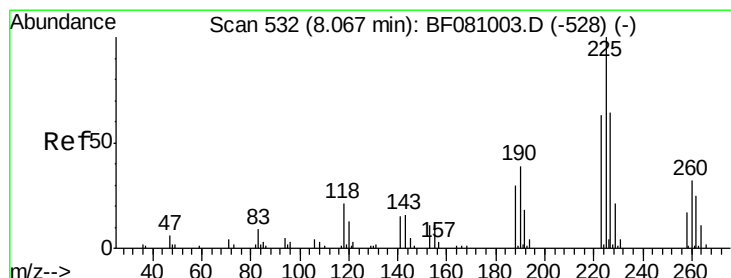
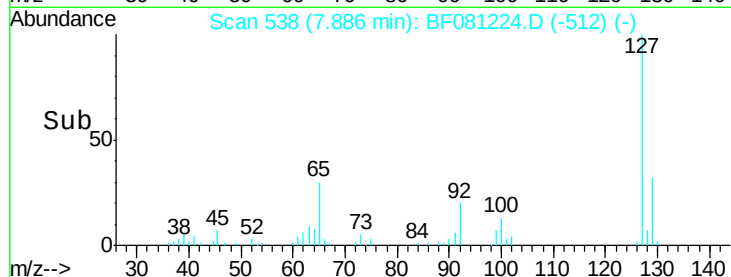
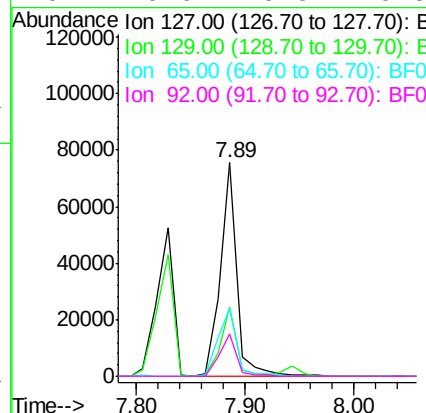
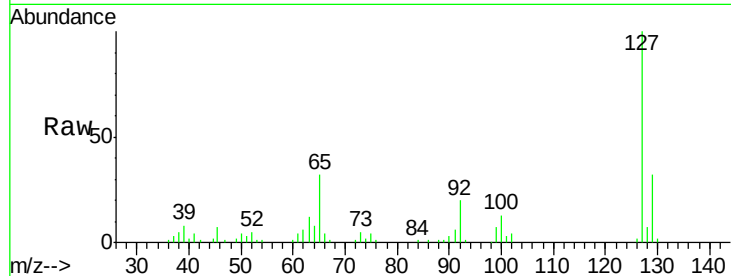
#33
4-Chloroaniline
Concen: 17.12 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	80762		
129	32.3	25.2	37.8	
65	31.9	37.8	56.6	
92	19.6	19.5	29.3	

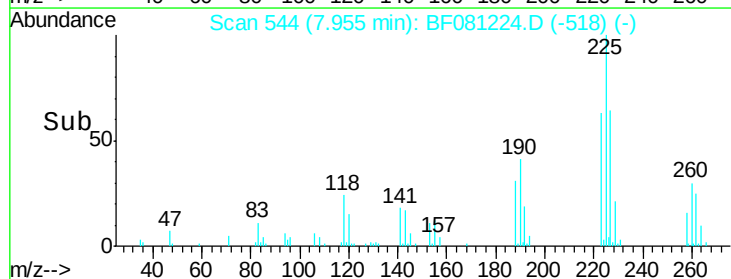
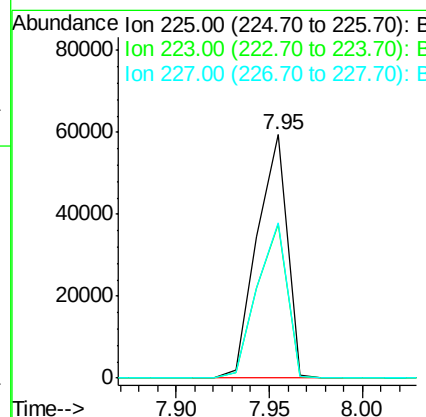
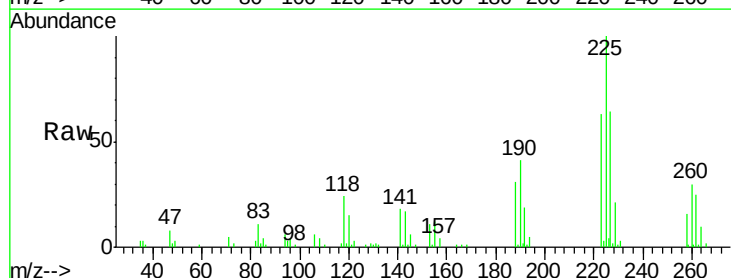
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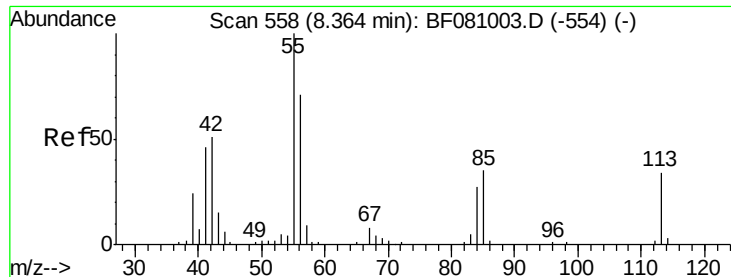
MMDadoda
8/27/2015 2:32:31 PM



#34
Hexachlorobutadiene
Concen: 37.09 ng
RT: 7.95 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66283		
223	63.0	52.6	79.0	
227	63.8	51.1	76.7	





#35

Caprolactam

Concen: 42.67 ng m

RT: 8.26 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF081224.D

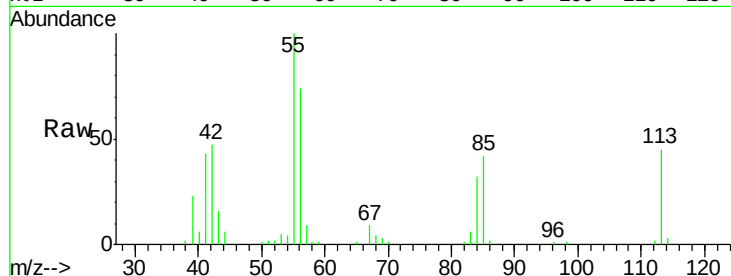
Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampled :

PB85099BS



Tgt Ion:113 Resp: 42405

Ion Ratio Lower Upper

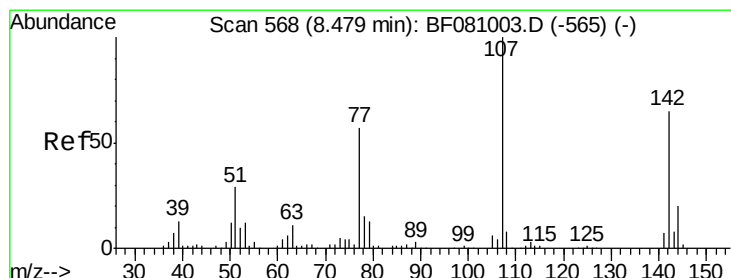
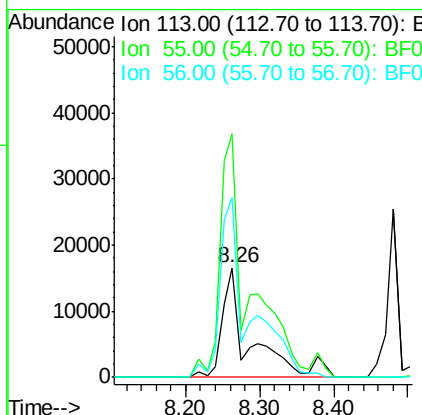
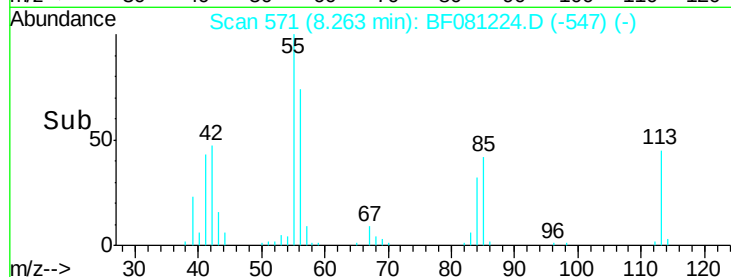
113 100

55 222.2 280.4 320.4#

56 164.2 205.9 245.9#

Manual Integrations
APPROVED

MMDadoda
8/27/2015 2:32:31 PM



#36

4-Chloro-3-methylphenol

Concen: 37.17 ng

RT: 8.38 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

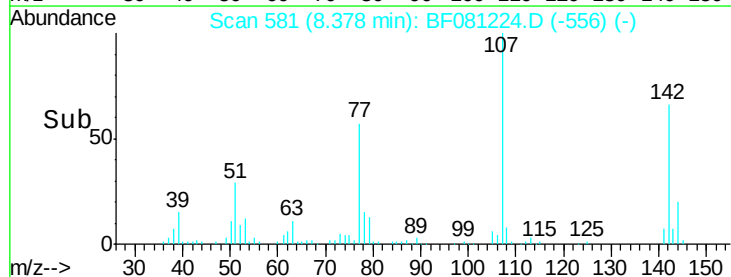
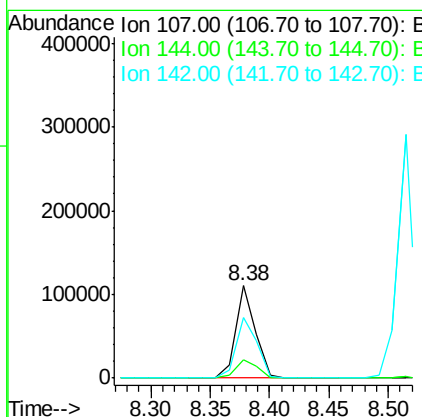
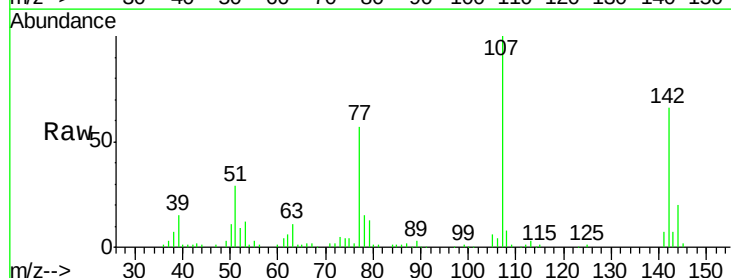
Tgt Ion:107 Resp: 125950

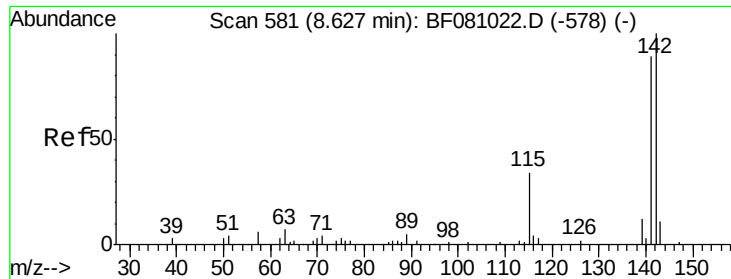
Ion Ratio Lower Upper

107 100

144 20.4 17.2 25.8

142 65.7 54.9 82.3





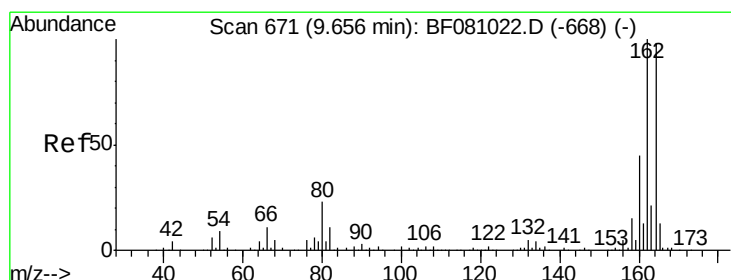
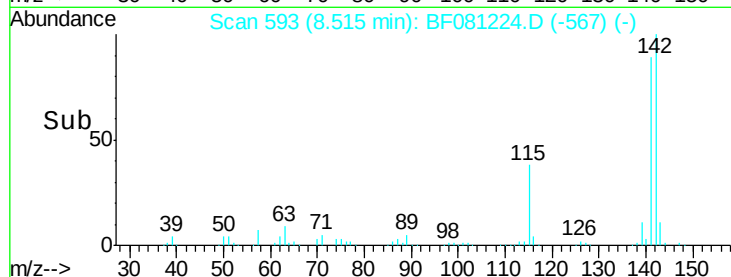
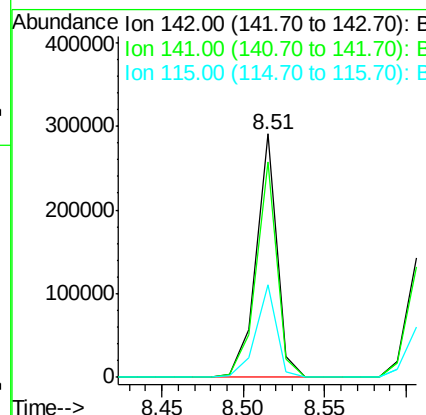
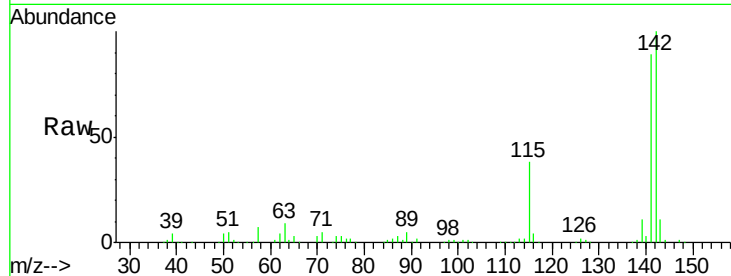
#37
 2-Methylnaphthalene
 Concen: 36.68 ng
 RT: 8.51 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	259014		
141	88.7	71.4	107.2	
115	37.8	33.4	50.0	

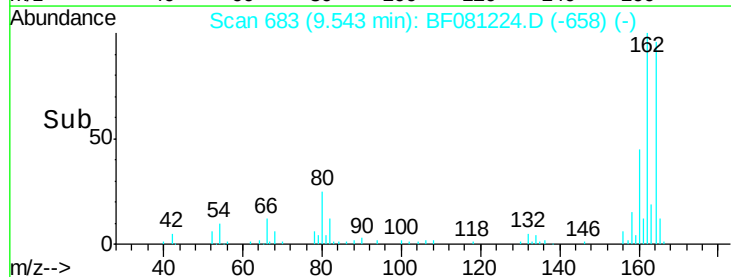
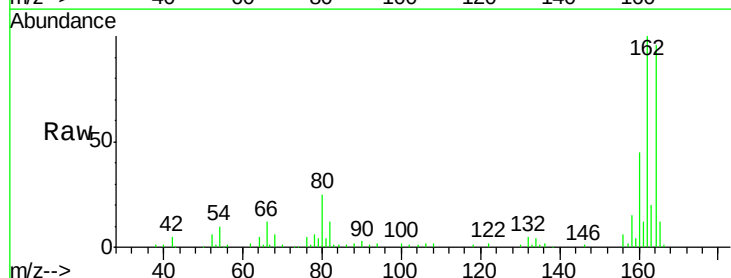
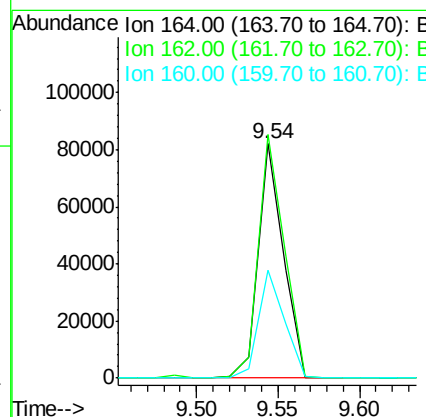
Manual Integrations
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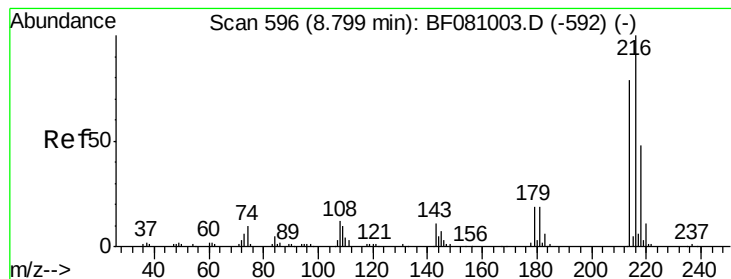
MMDadoda
 8/27/2015 2:32:31 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87590		
162	103.9	83.8	125.8	
160	46.3	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.82 ng

RT: 8.69 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081224.D

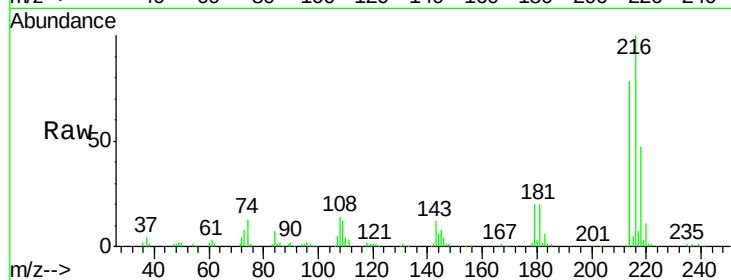
Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

PB85099BS



Tgt Ion: 216 Resp: 112539

Ion Ratio Lower Upper

216 100

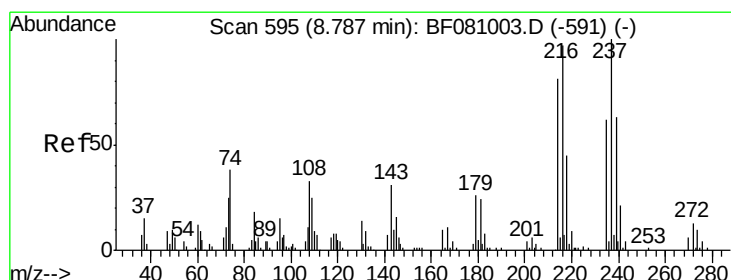
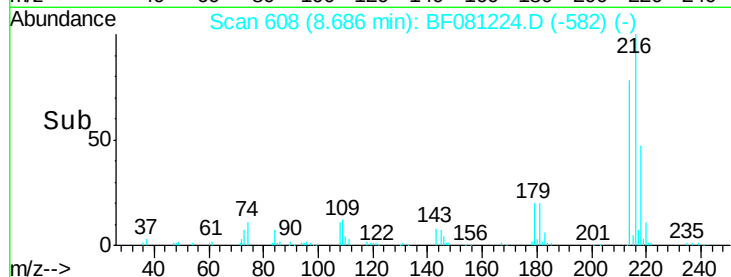
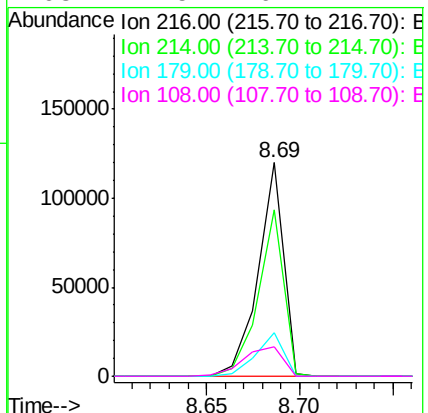
214 77.9 63.8 95.8

179 21.9 17.8 26.8

108 21.5 16.2 24.2

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 80.37 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

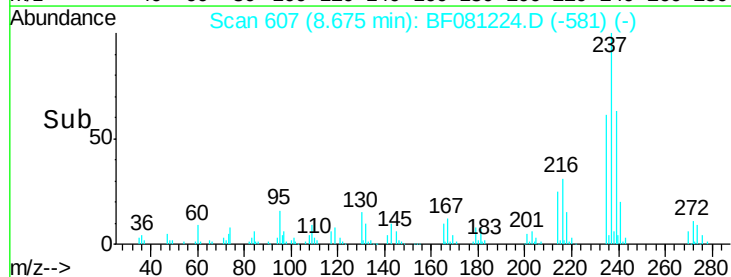
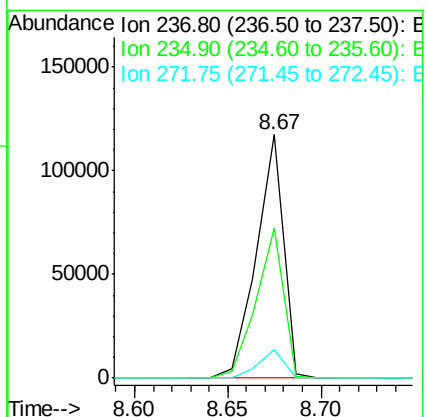
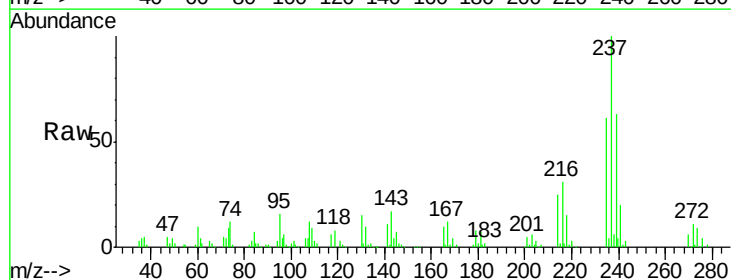
Tgt Ion: 237 Resp: 117560

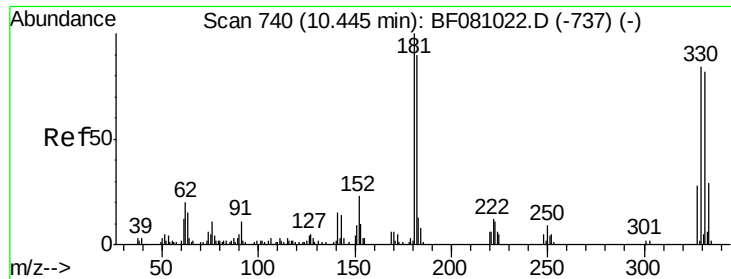
Ion Ratio Lower Upper

237 100

235 61.5 43.6 83.6

272 11.5 0.0 32.2





#41

2,4,6-Tribromophenol

Concen: 105.36 ng

RT: 10.33 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF081224.D

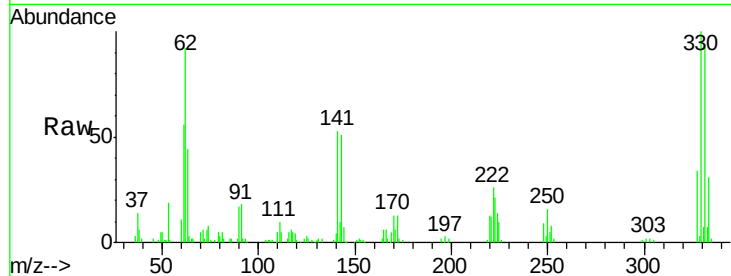
Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

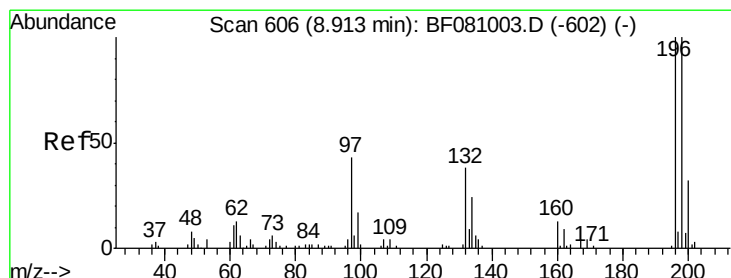
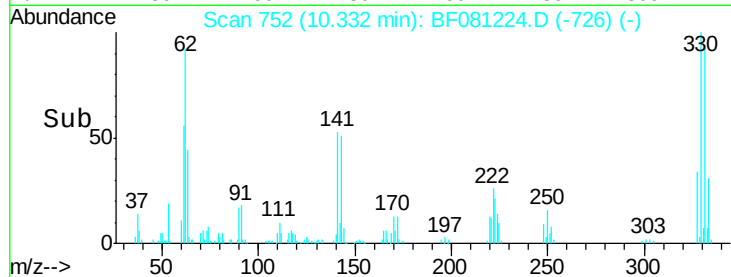
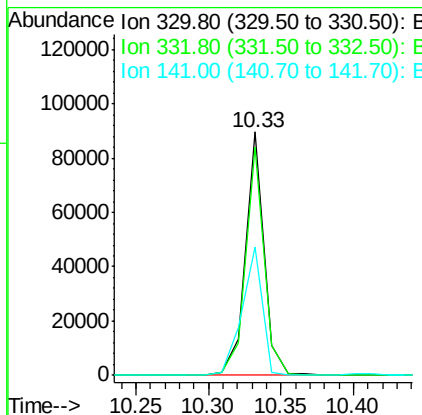
PB85099BS



Tgt Ion:	330	Resp:	79997
Ion Ratio	Lower	Upper	
330	100		
332	93.5	77.3	115.9
141	58.1	44.9	67.3

Manual Integrations
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8/27/2015 2:32:31 PM



#42

2,4,6-Trichlorophenol

Concen: 38.38 ng

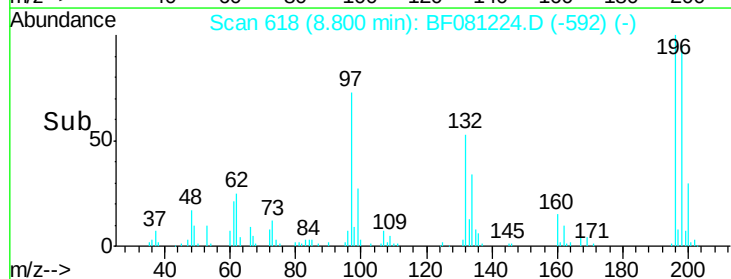
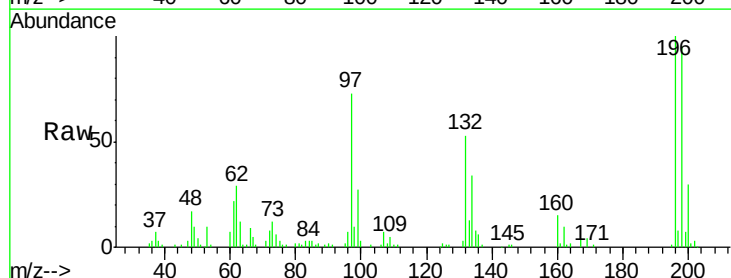
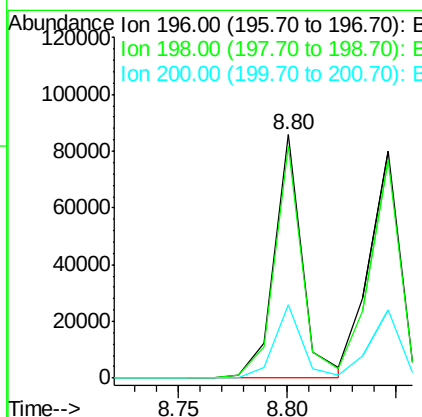
RT: 8.80 min Scan# 618

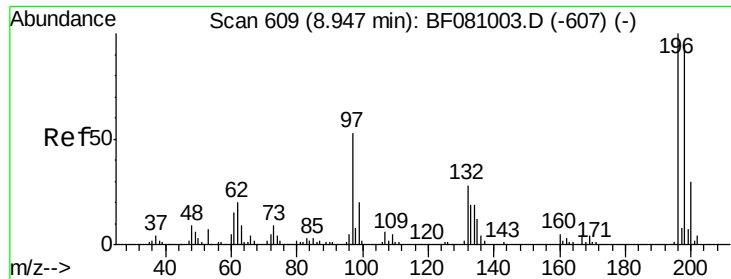
Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

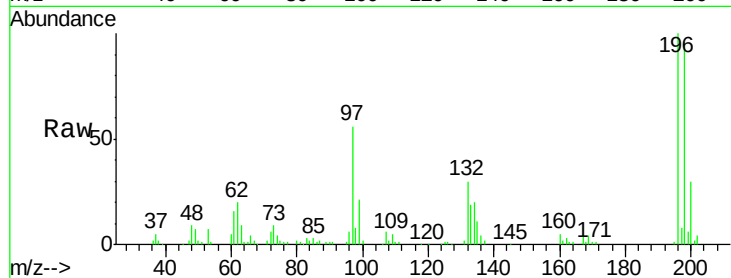
Tgt Ion:	196	Resp:	76634
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.6	111.8
200	30.0	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 39.75 ng
 RT: 8.85 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

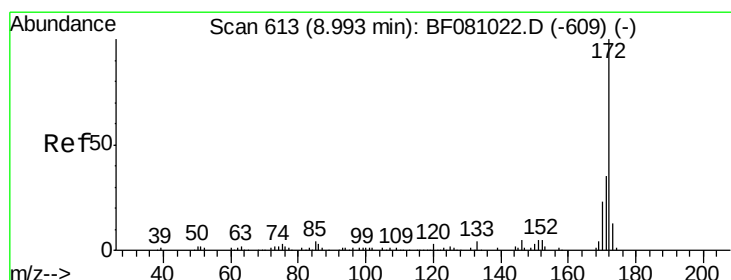
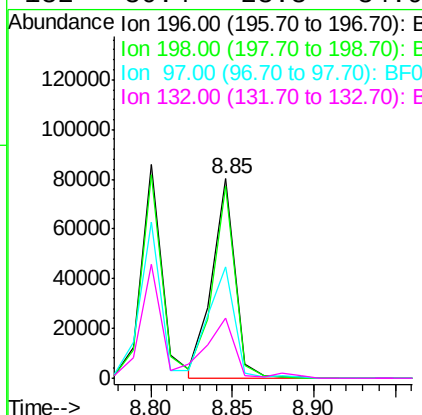
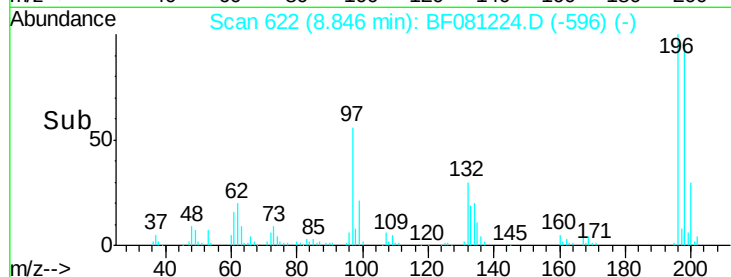
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS



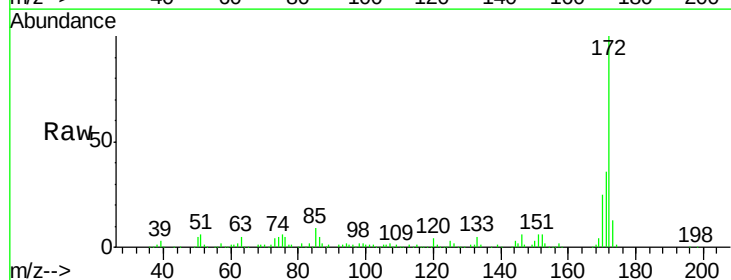
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79320		
198	96.0	78.3	117.5	
97	56.0	42.7	64.1	
132	30.4	23.3	34.9	

Manual Integrations
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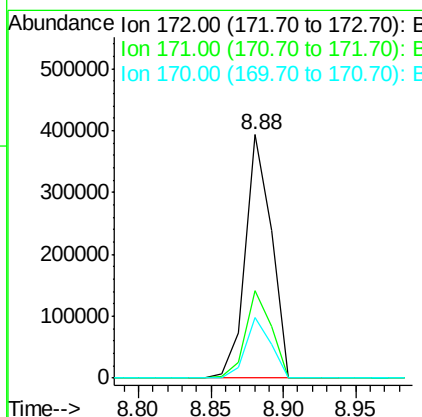
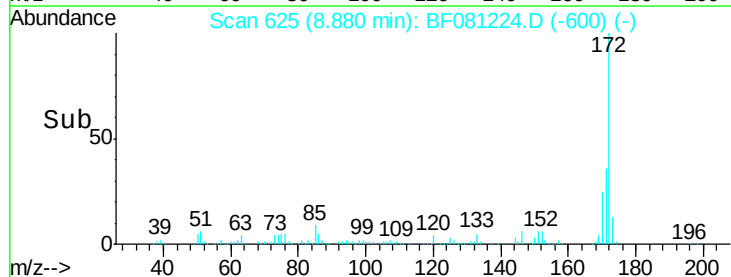
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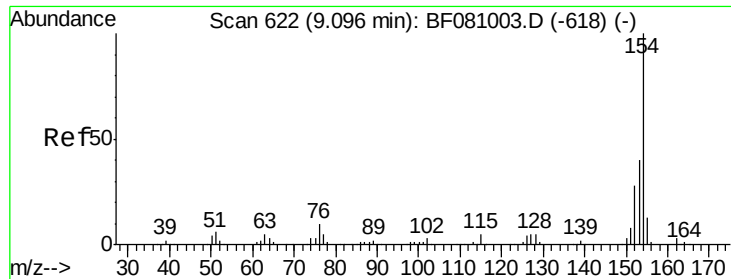


#44
 2-Fluorobiphenyl
 Concen: 73.32 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	490123		
171	36.0	28.9	43.3	
170	24.7	19.4	29.2	





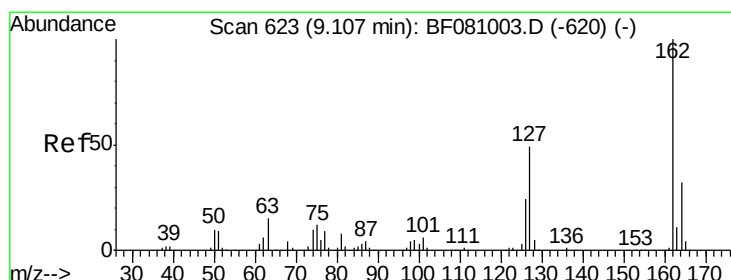
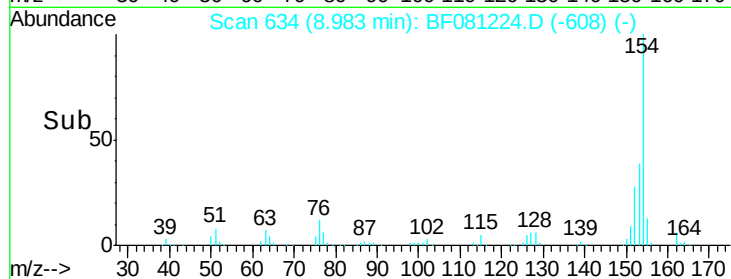
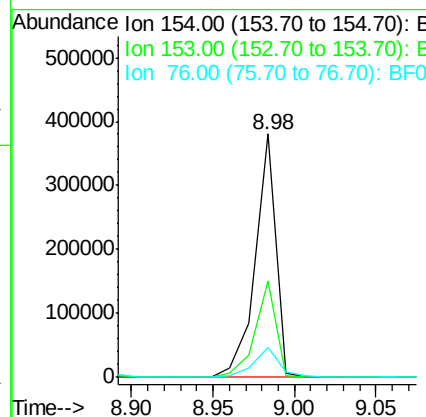
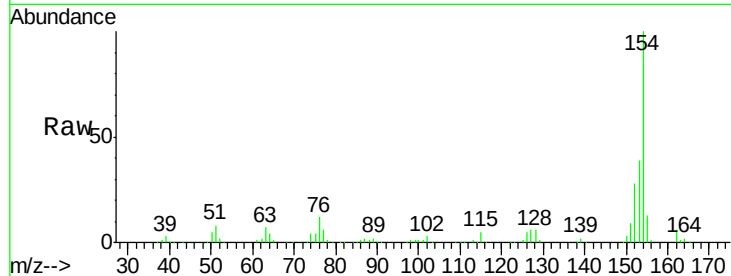
#45
 1,1'-Biphenyl
 Concen: 43.23 ng
 RT: 8.98 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	19.5	59.5	
76	12.1	0.0	29.3	

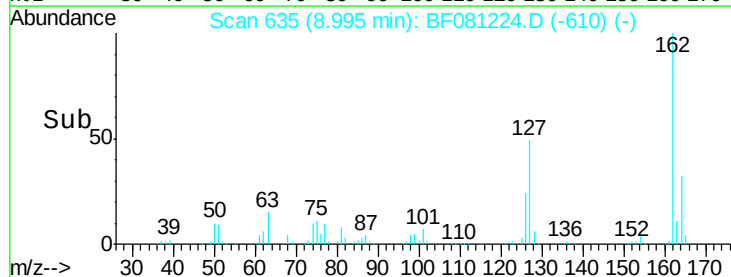
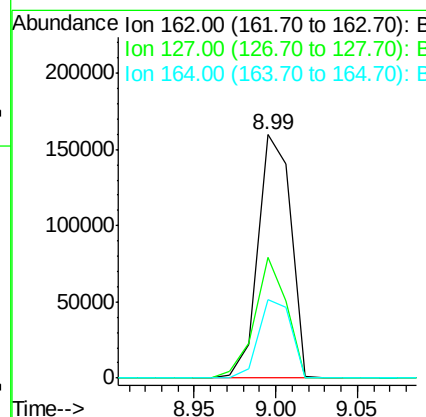
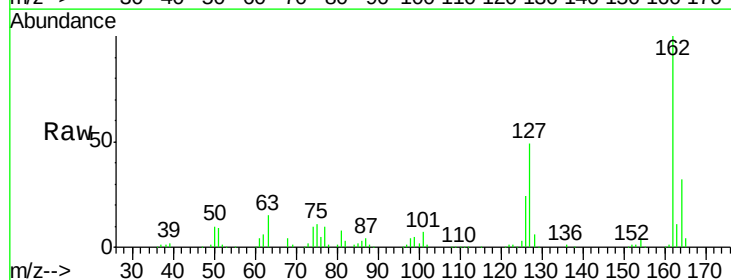
Manual Integrations
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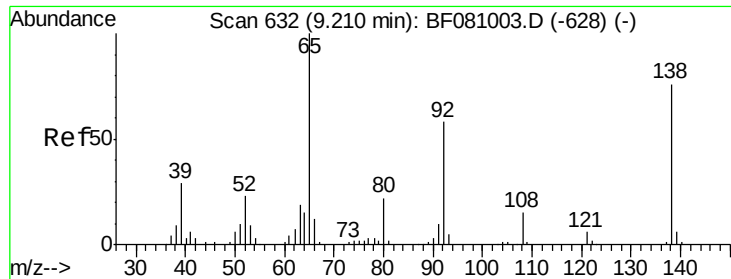
MMDadoda
 8/27/2015 2:32:31 PM



#46
 2-Chloronaphthalene
 Concen: 35.97 ng
 RT: 8.99 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	49.4	31.3	46.9#	
164	32.1	26.3	39.5	





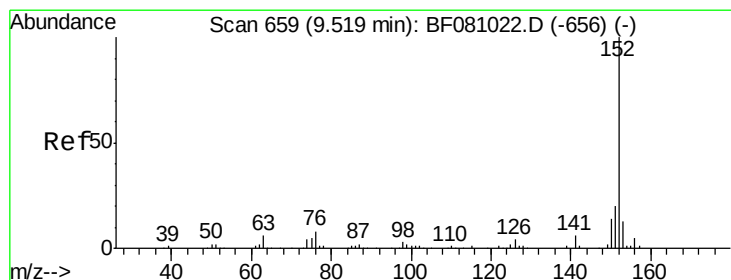
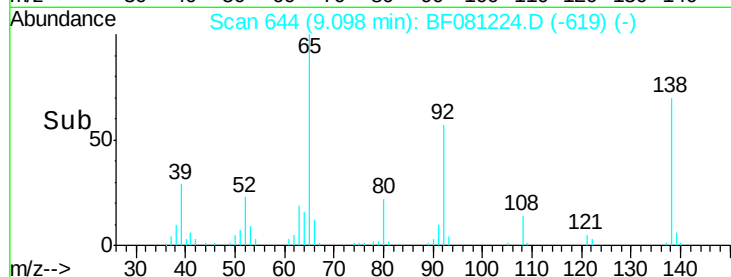
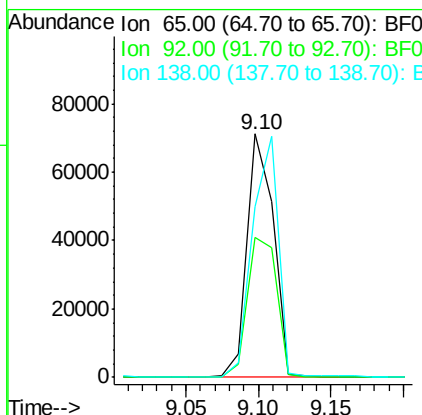
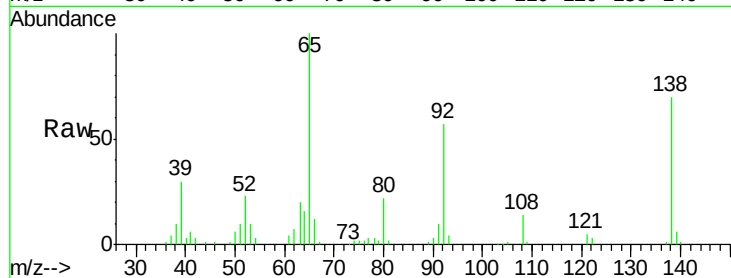
#47
2-Nitroaniline
Concen: 35.50 ng
RT: 9.10 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.2	45.6	68.4
138	70.1	57.9	86.9

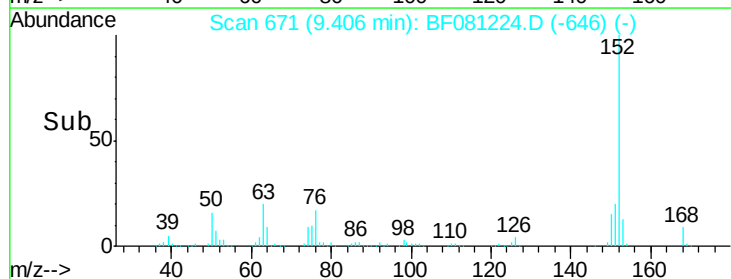
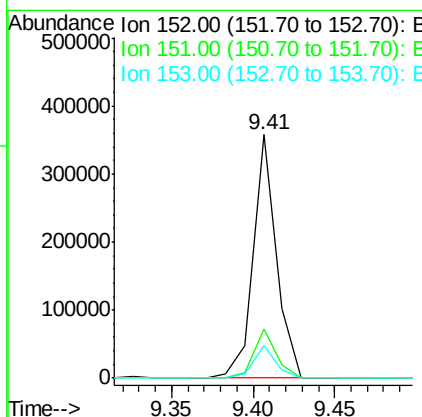
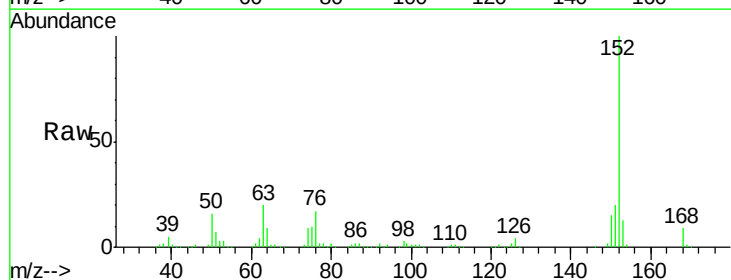
Manual Integrations
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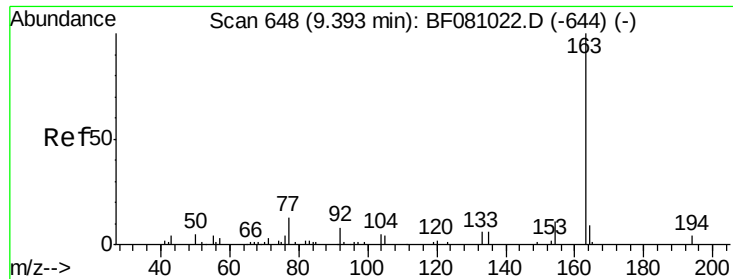
MMDadoda
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#48
Acenaphthylene
Concen: 31.74 ng
RT: 9.41 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.5	9.8	14.6





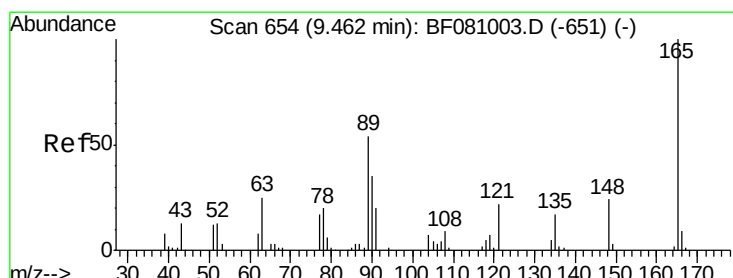
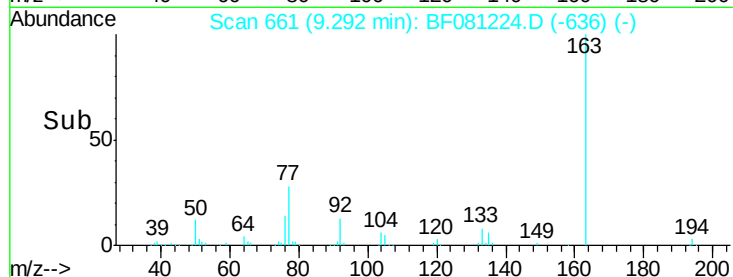
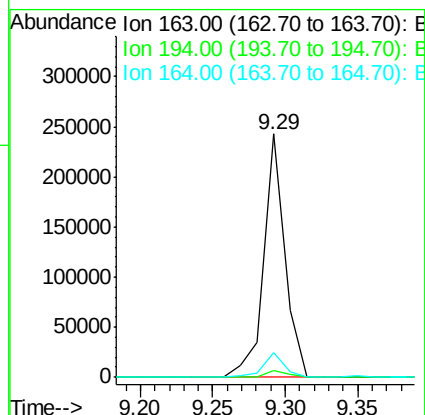
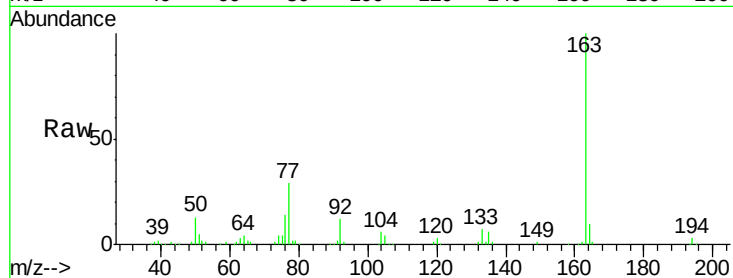
#49
Dimethylphthalate
Concen: 34.08 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.5	3.7
164	10.1	8.1	12.1

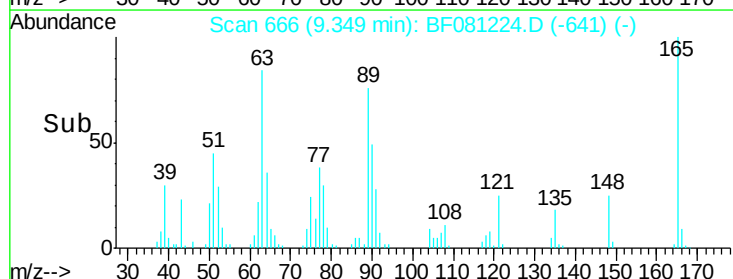
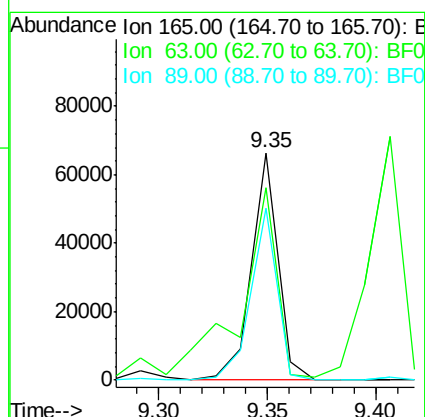
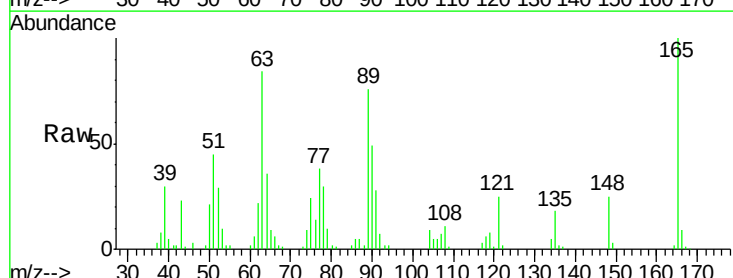
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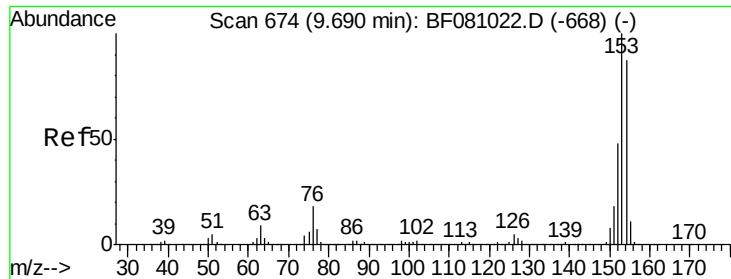
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 36.44 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	84.5	49.5	74.3#
89	75.7	47.6	71.4#





#51

Acenaphthene

Concen: 32.25 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF081224.D

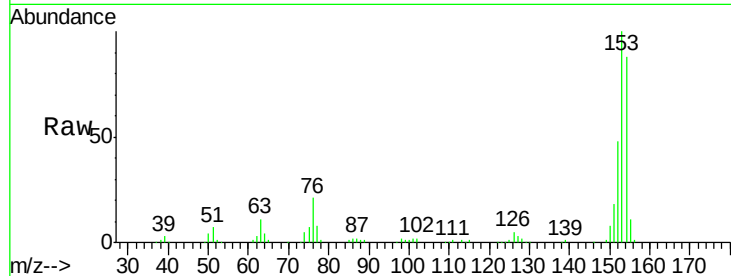
Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

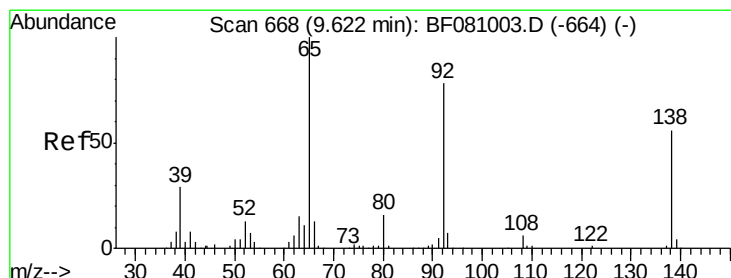
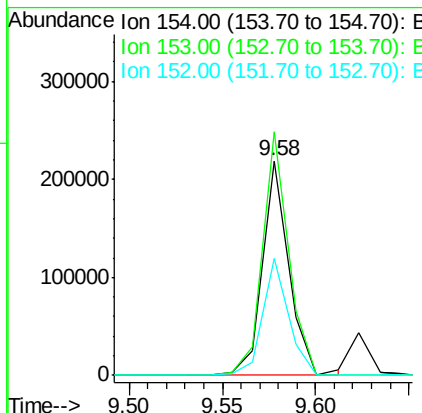
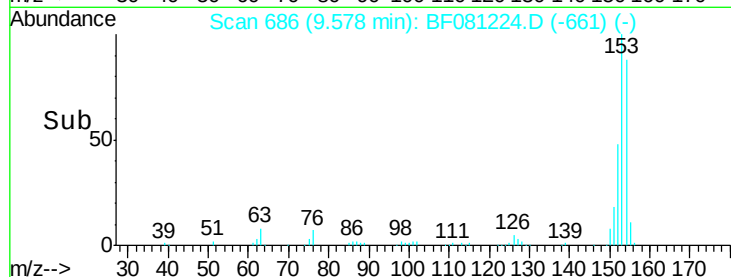
PB85099BS



Tgt Ion:	154	Resp:	214068
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.4	137.2
152	54.3	43.7	65.5

Manual Integrations
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#52

3-Nitroaniline

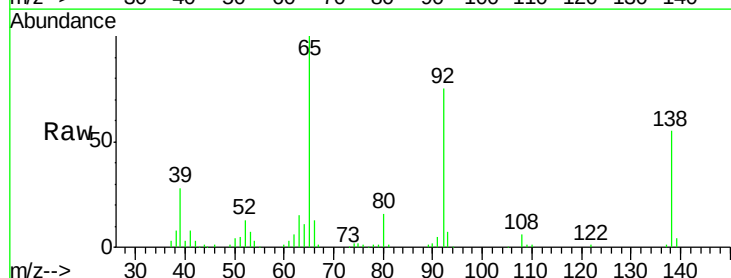
Concen: 21.98 ng

RT: 9.51 min Scan# 680

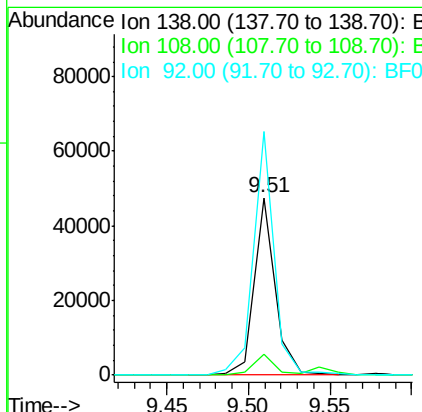
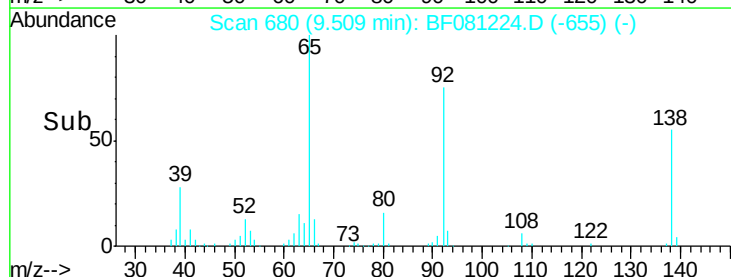
Delta R.T. -0.01 min

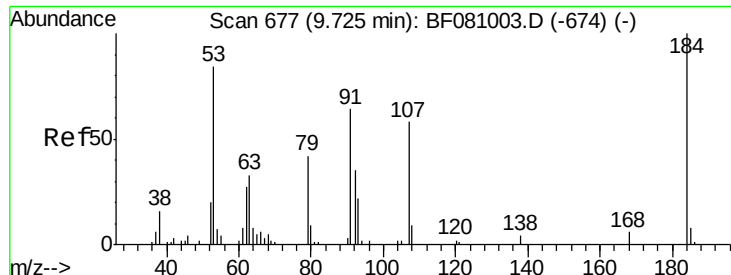
Lab File: BF081224.D

Acq: 26 Aug 2015 21:18



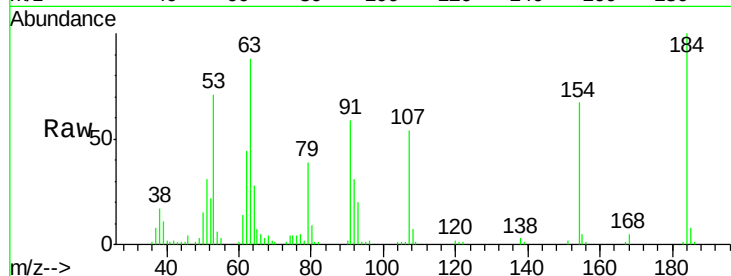
Tgt Ion:	138	Resp:	42601
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.4	14.2
92	137.3	113.2	169.8





#53
2,4-Dinitrophenol
Concen: 69.39 ng
RT: 9.62 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

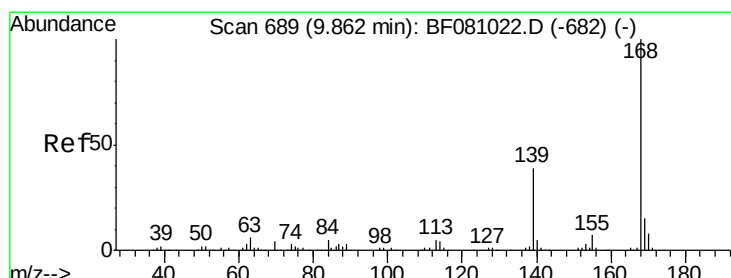
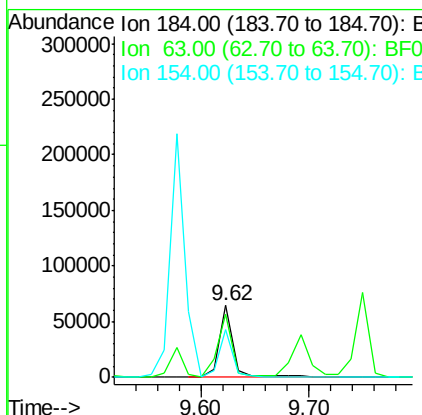
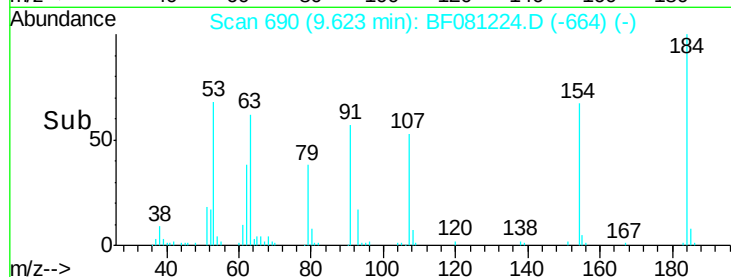
Instrument :
BNA_F
ClientSampleId :
PB85099BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	58112		
63	88.3	101.7	152.5#	
154	67.0	67.4	101.0#	

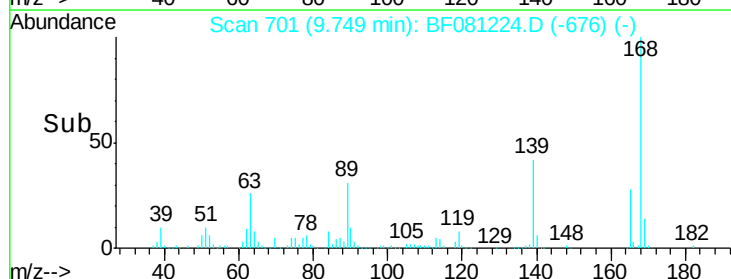
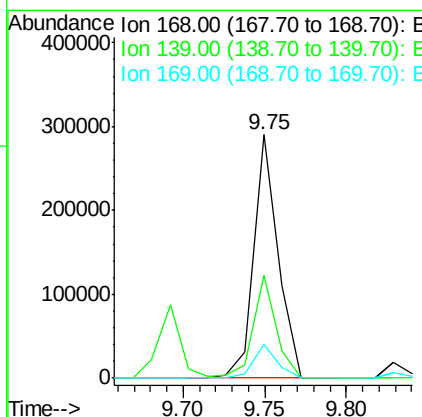
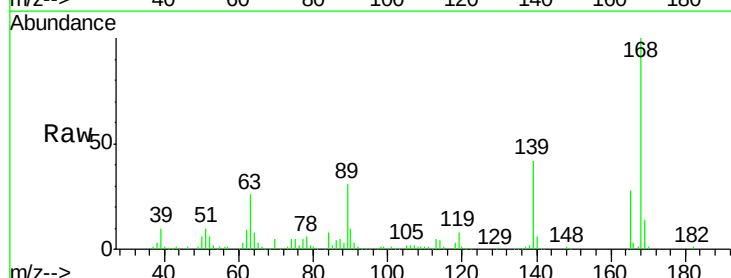
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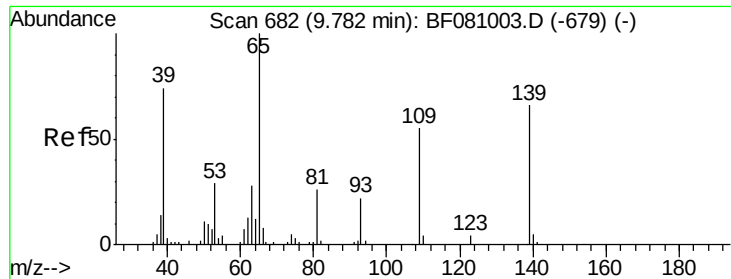
MMDadoda
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#54
Dibenzofuran
Concen: 33.66 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	299363		
139	42.1	29.3	43.9	
169	13.7	10.3	15.5	





#55

4-Nitrophenol

Concen: 62.08 ng

RT: 9.69 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

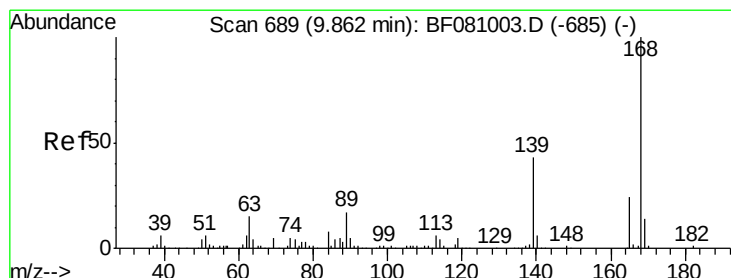
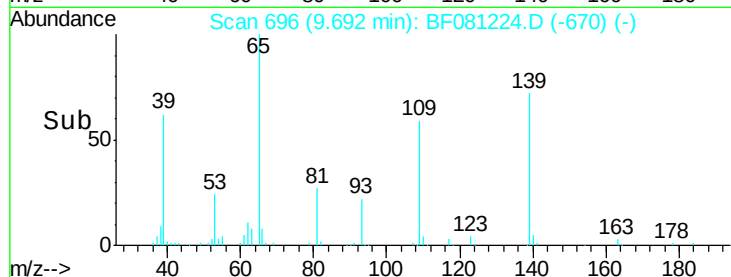
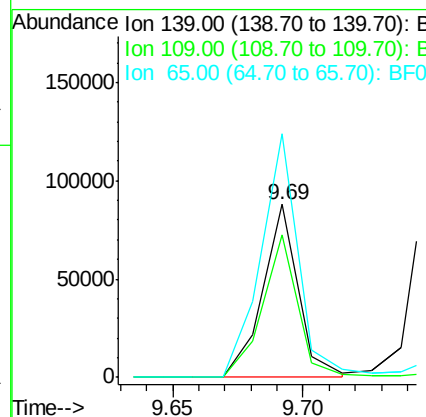
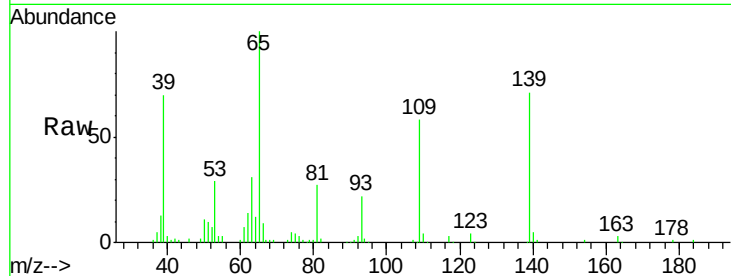
ClientSampleId :

PB85099BS

Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.0	80.0	120.0	
65	140.7	138.3	178.3	



#56

2,4-Dinitrotoluene

Concen: 35.38 ng

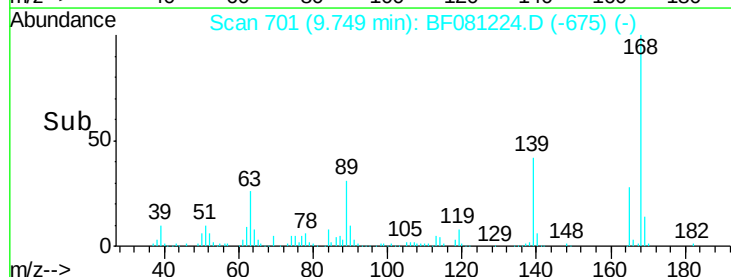
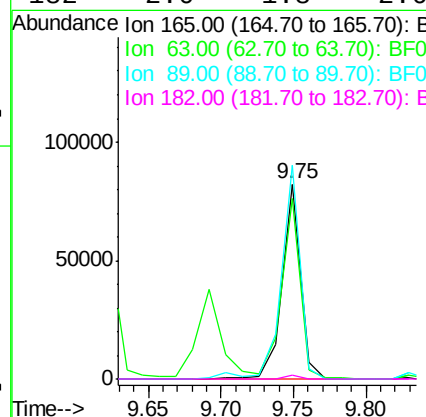
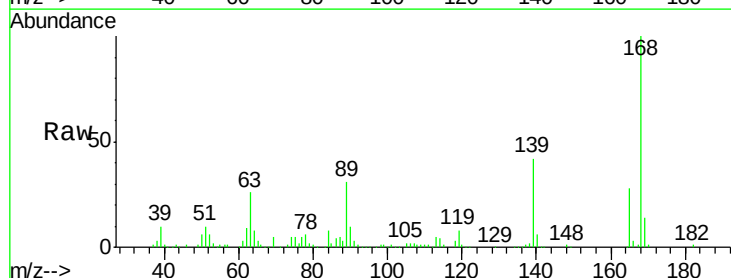
RT: 9.75 min Scan# 701

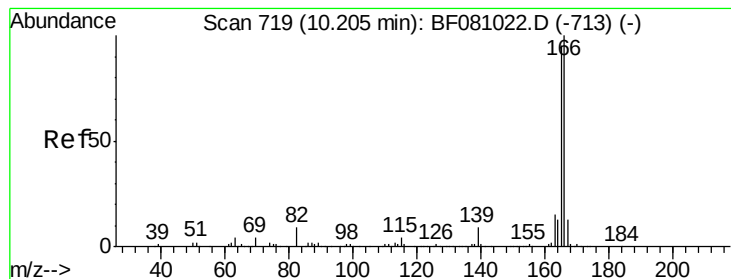
Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.7	52.2	78.4#	
89	109.4	60.1	90.1#	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 37.82 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF081224.D

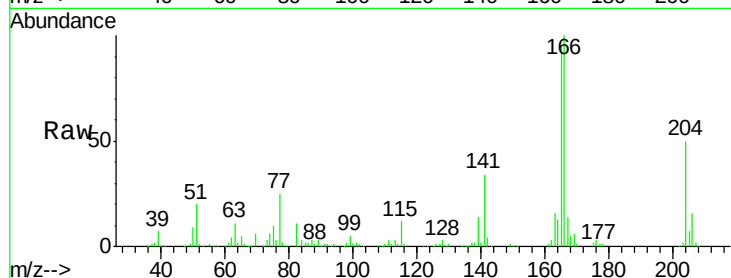
Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

PB85099BS



Tgt Ion:166 Resp: 258751

Ion Ratio Lower Upper

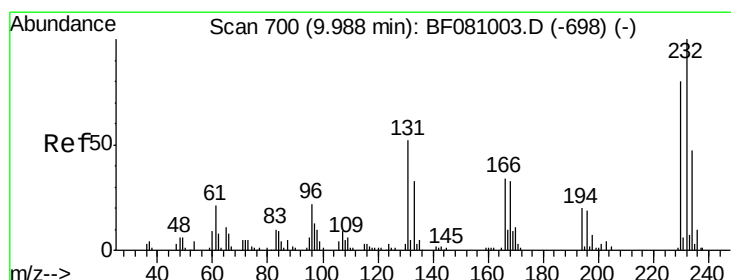
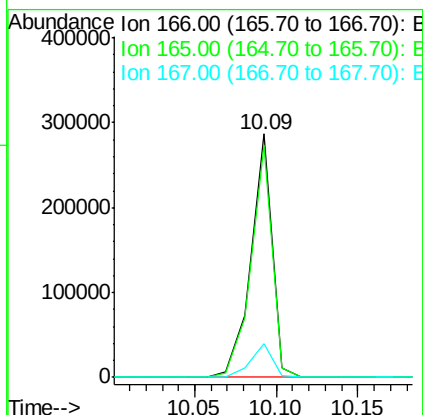
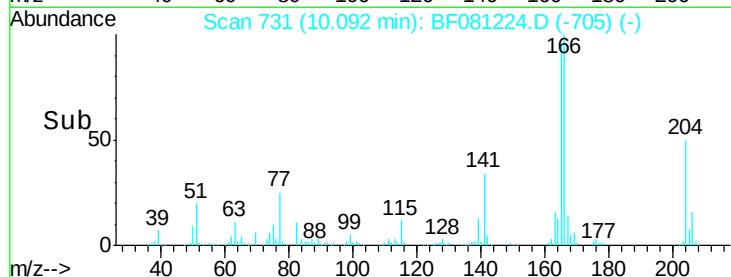
166 100

165 95.3 75.8 113.8

167 13.7 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.15 ng m

RT: 9.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:232 Resp: 62009

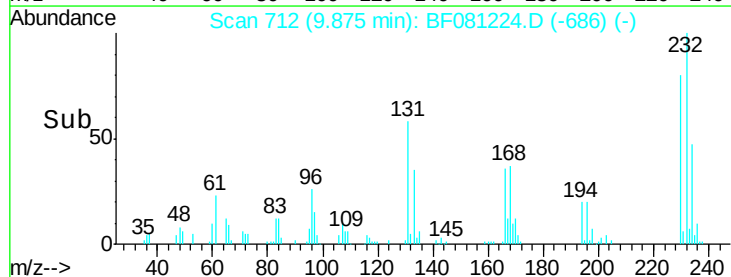
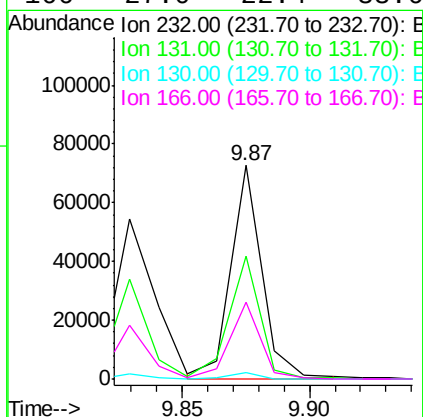
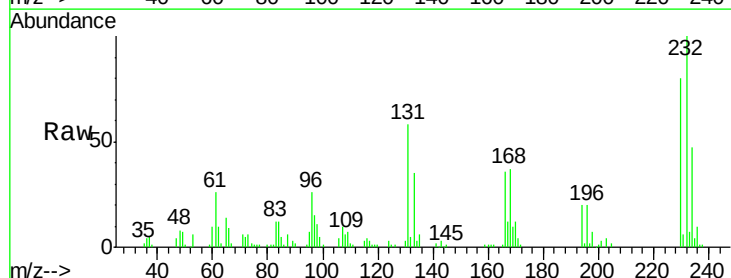
Ion Ratio Lower Upper

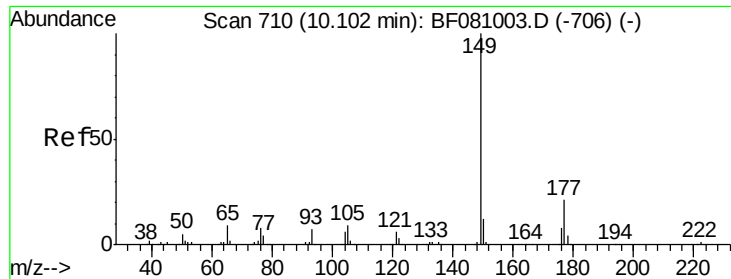
232 100

131 48.8 42.2 63.4

130 2.4 2.1 3.1

166 27.0 22.4 33.6





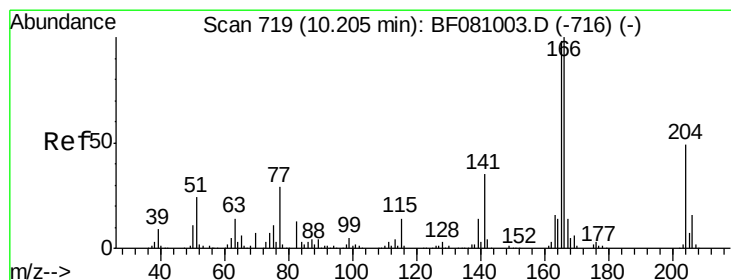
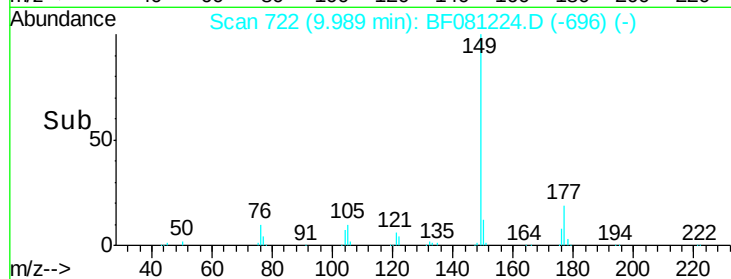
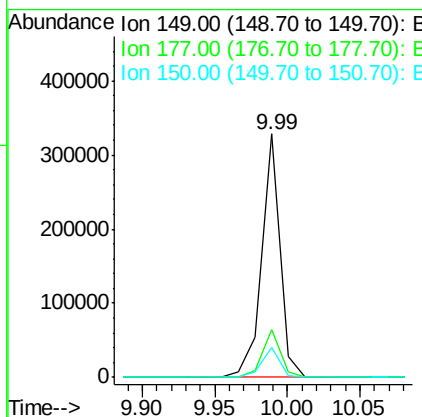
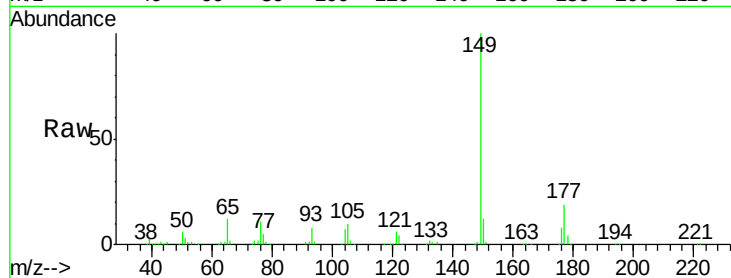
#59
Diethylphthalate
Concen: 37.60 ng
RT: 9.99 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

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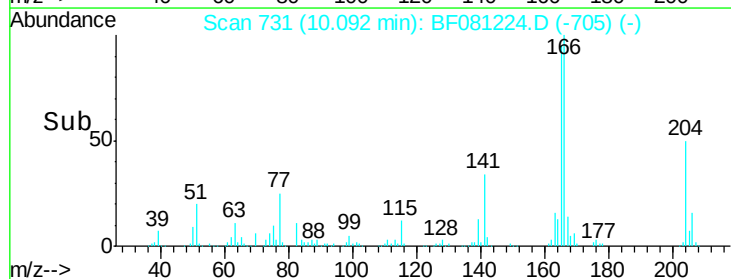
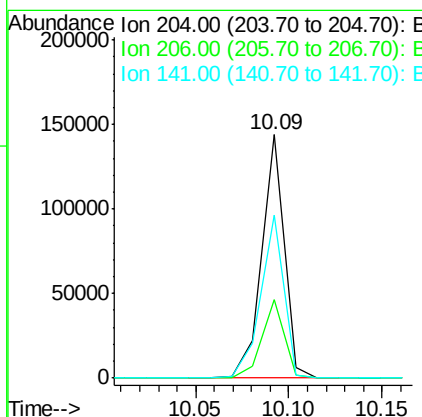
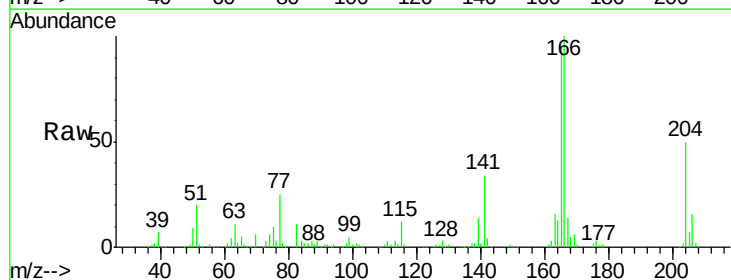
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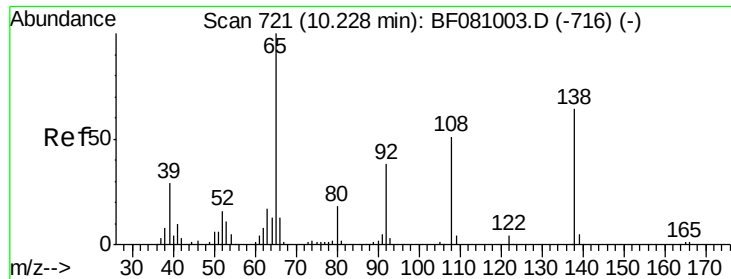
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.5	14.1	21.1
150	12.5	10.3	15.5



#60
4-Chlorophenyl-phenylether
Concen: 41.07 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.3	26.2	39.2
141	67.0	59.6	89.4





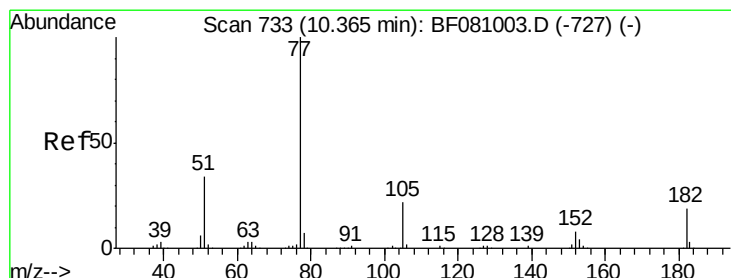
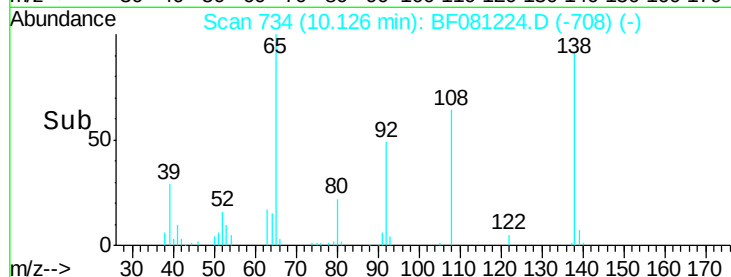
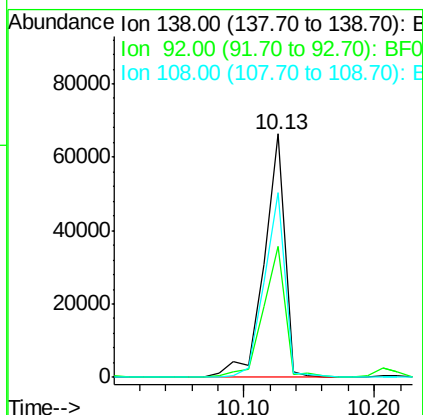
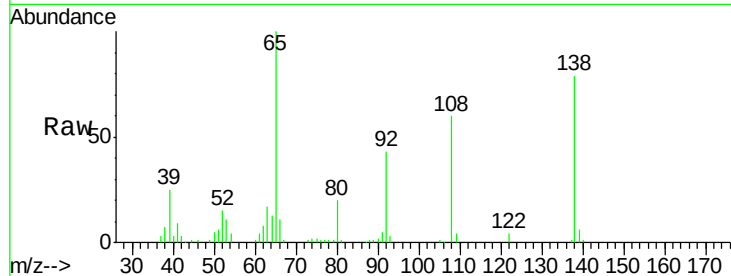
#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.13 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	34.7	74.7
108	75.6	68.9	108.9

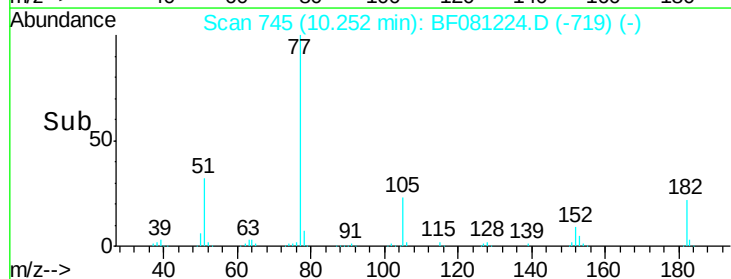
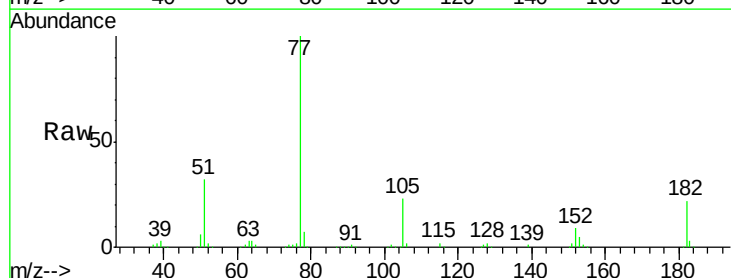
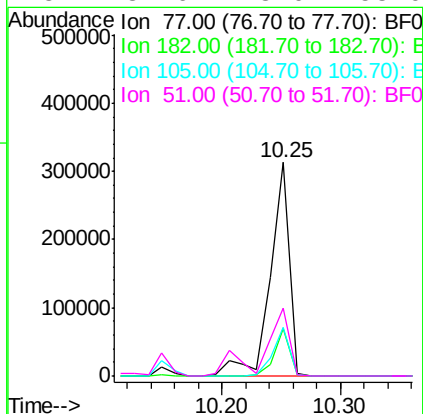
Manual Integrations
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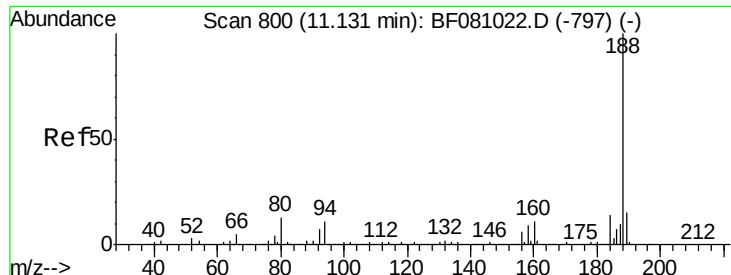
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#62
Azobenzene
Concen: 40.10 ng
RT: 10.25 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.0	39.0
105	22.9	0.2	40.2
51	31.6	18.0	58.0





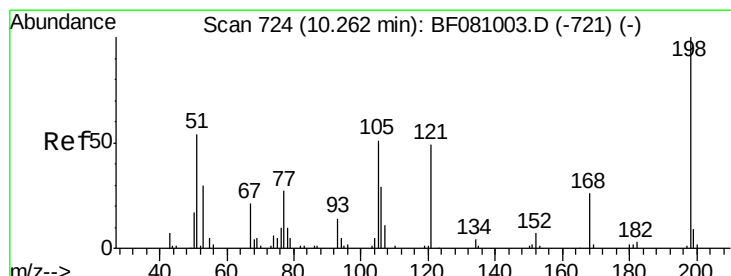
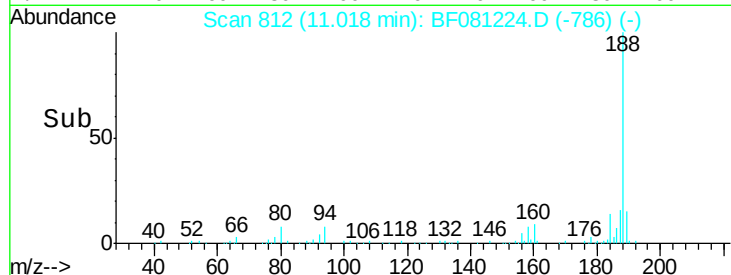
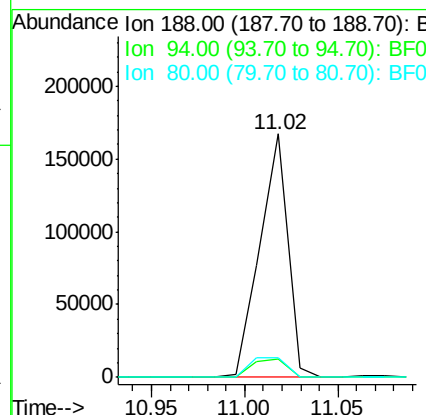
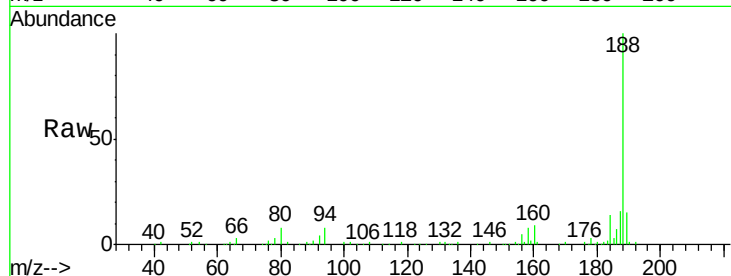
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	173543		
94	7.6	8.2	12.2#	
80	8.2	9.5	14.3#	

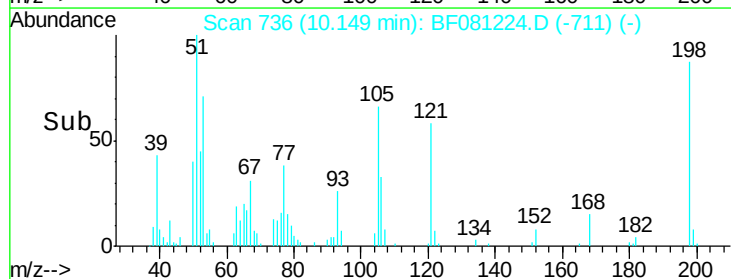
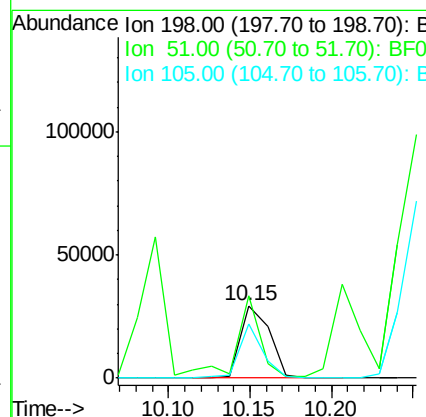
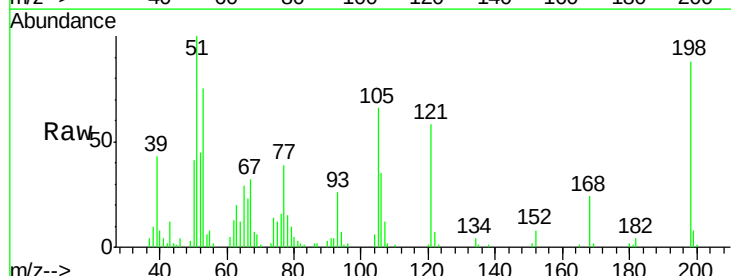
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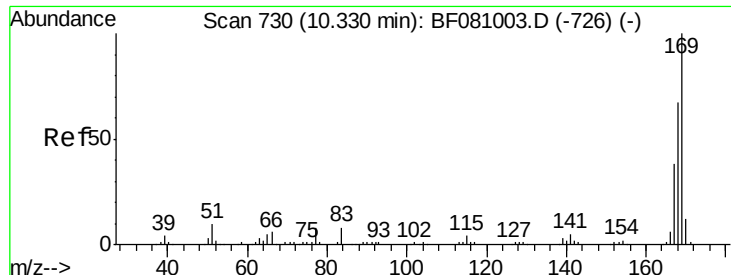
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.07 ng
RT: 10.15 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36345		
51	113.5	79.7	119.7	
105	74.5	47.0	87.0	





#65

n-Nitrosodiphenylamine

Concen: 37.22 ng

RT: 10.22 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

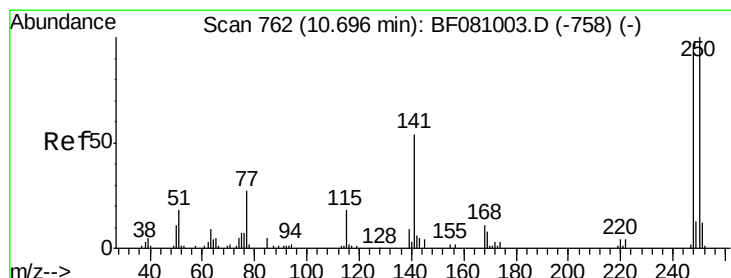
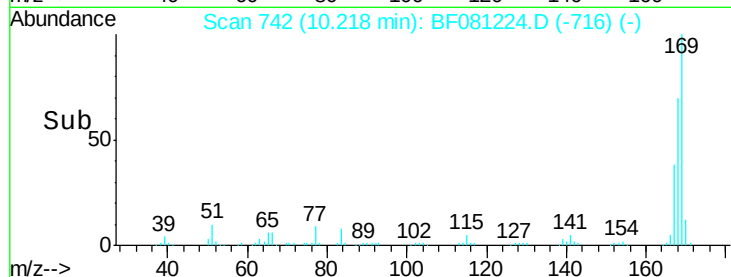
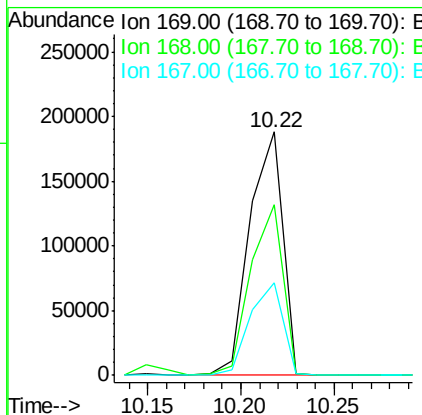
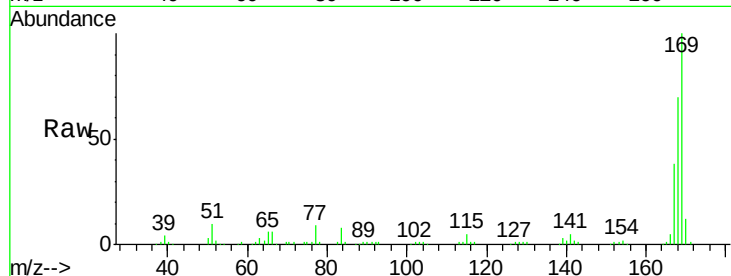
ClientSampleId :

PB85099BS

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MMDadoda
8/27/2015 2:32:31 PM

Tgt Ion:	169	Resp:	230594
Ion Ratio	Lower	Upper	
169	100		
168	70.0	55.3	82.9
167	38.1	30.8	46.2



#66

4-Bromophenyl-phenylether

Concen: 36.96 ng

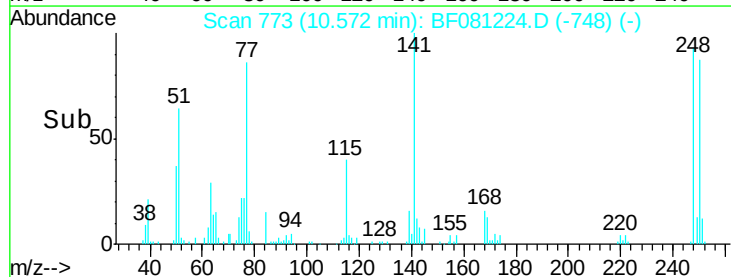
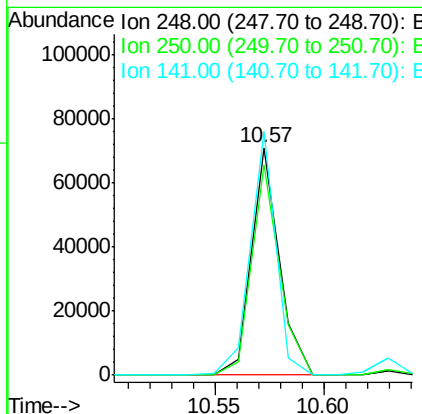
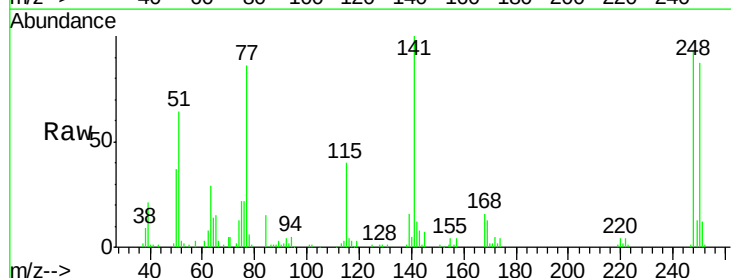
RT: 10.57 min Scan# 773

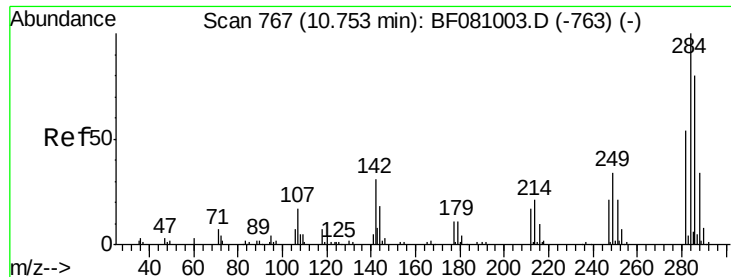
Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	248	Resp:	63016
Ion Ratio	Lower	Upper	
248	100		
250	92.8	77.8	116.6
141	107.2	39.8	59.6#





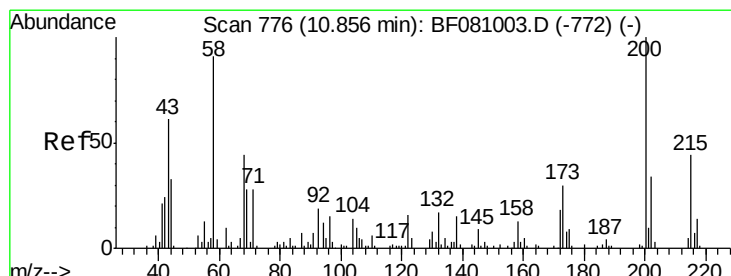
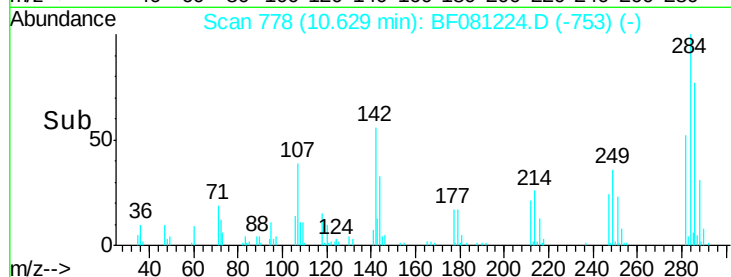
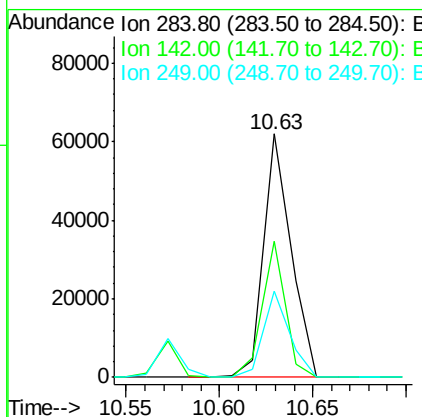
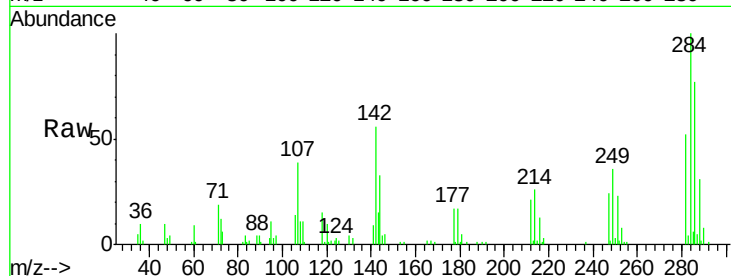
#67
Hexachlorobenzene
Concen: 36.18 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	62471		
142	56.1	25.4	38.0	#
249	35.6	28.5	42.7	

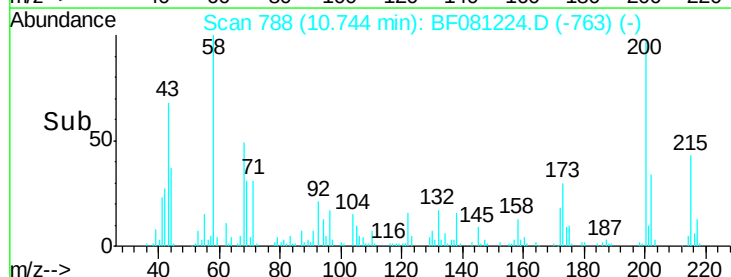
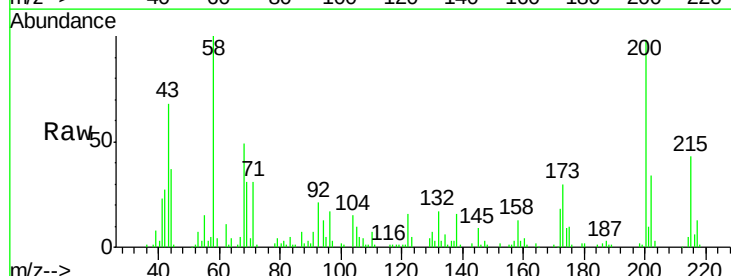
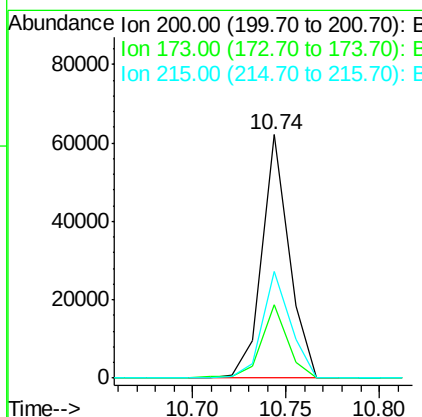
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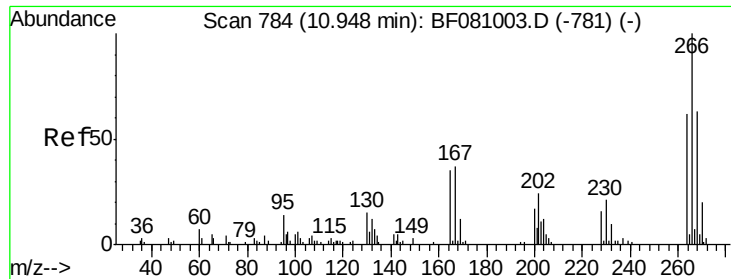
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#68
Atrazine
Concen: 36.04 ng
RT: 10.74 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	62196		
173	30.3	8.1	48.1	
215	43.6	23.3	63.3	





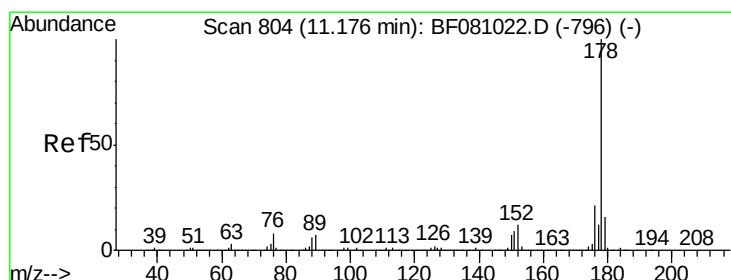
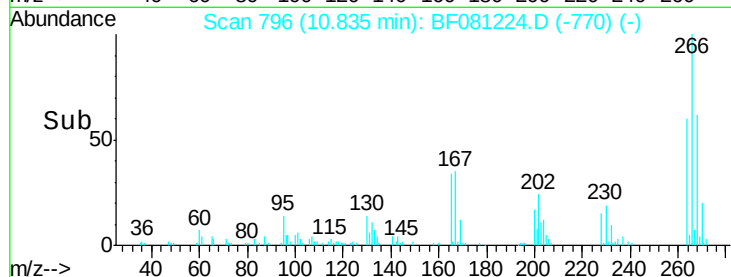
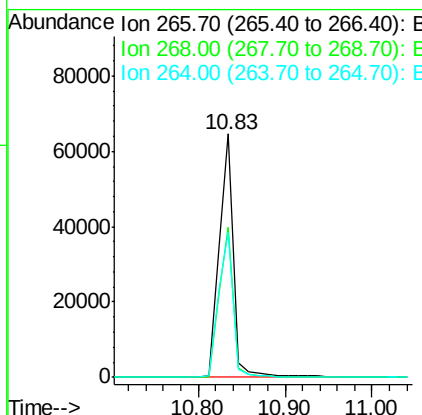
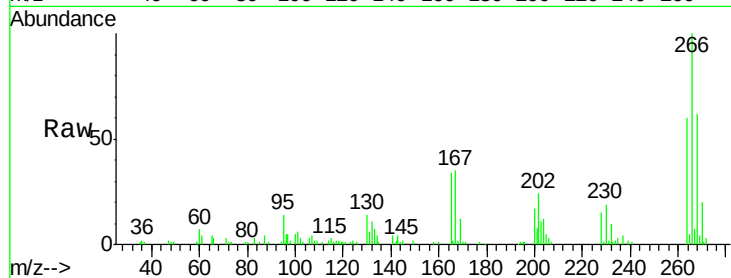
#69
 Pentachlorophenol
 Concen: 72.05 ng
 RT: 10.83 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	74638		
268	61.9	51.2	76.8	
264	59.8	50.6	75.8	

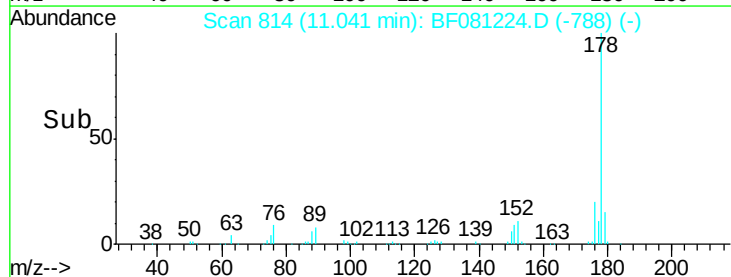
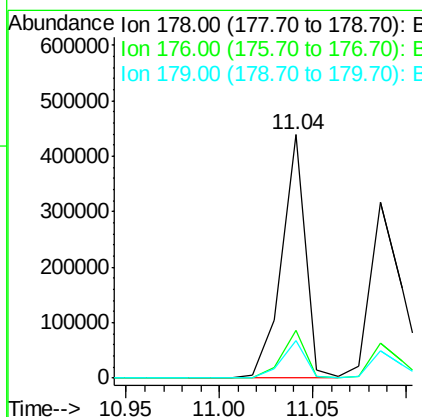
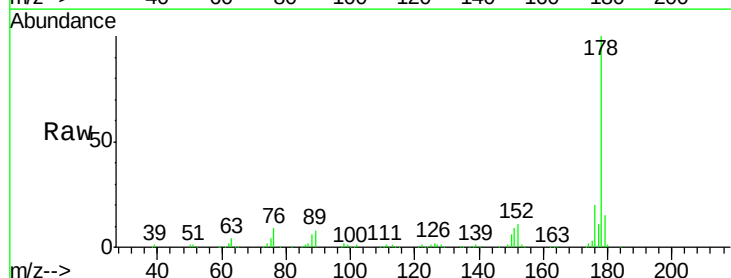
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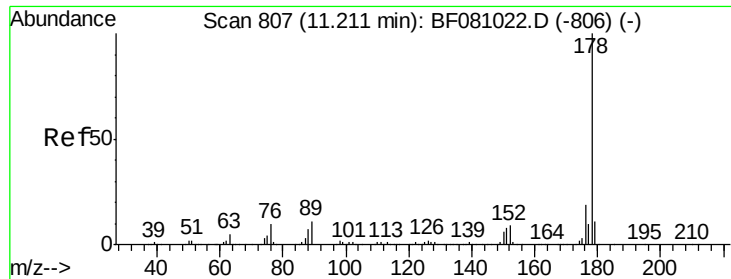
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#70
 Phenanthrene
 Concen: 37.59 ng
 RT: 11.04 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	386619		
176	19.6	15.7	23.5	
179	15.3	12.2	18.2	





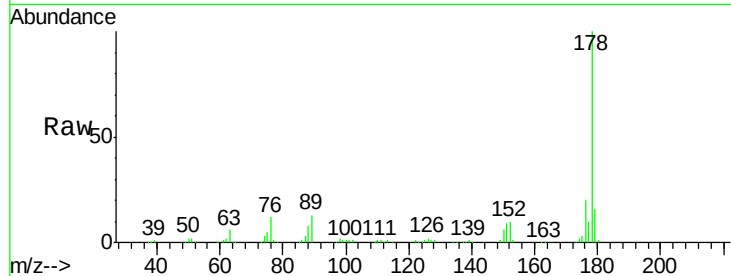
#71
 Anthracene
 Concen: 34.58 ng
 RT: 11.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

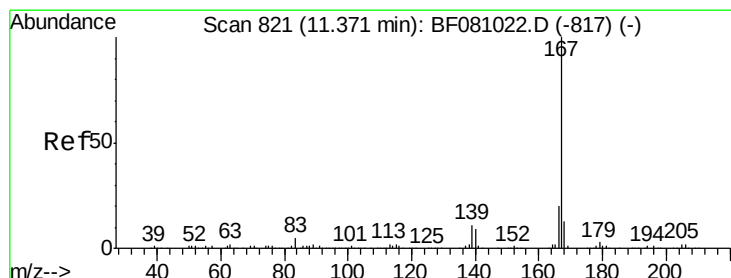
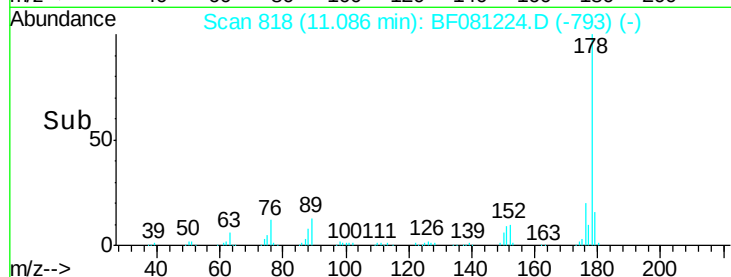
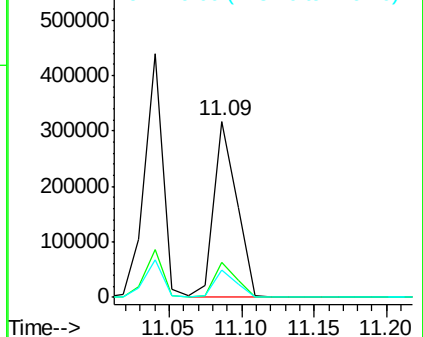
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.6	12.7	19.1

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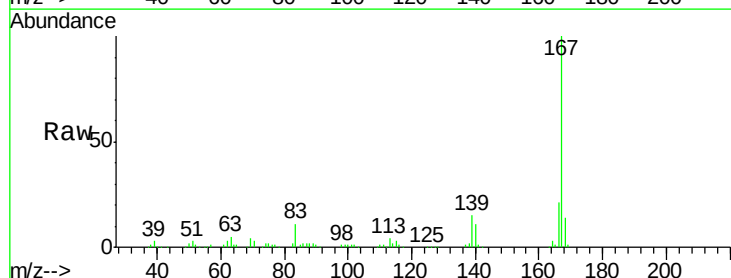


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

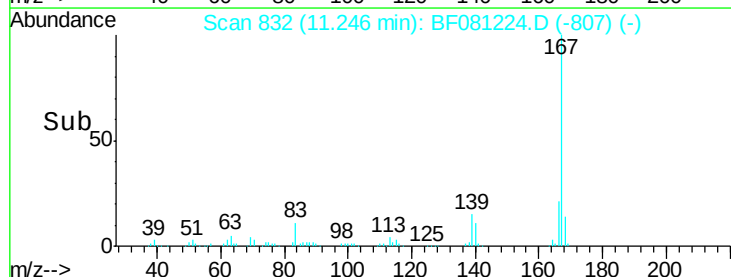
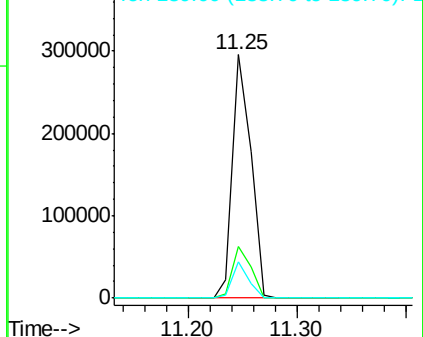


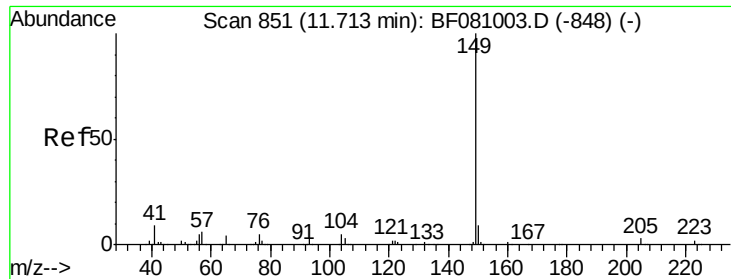
#72
 Carbazole
 Concen: 35.77 ng
 RT: 11.25 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	14.6	10.6	16.0



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





#73

Di-n-butylphthalate

Concen: 40.56 ng

RT: 11.60 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

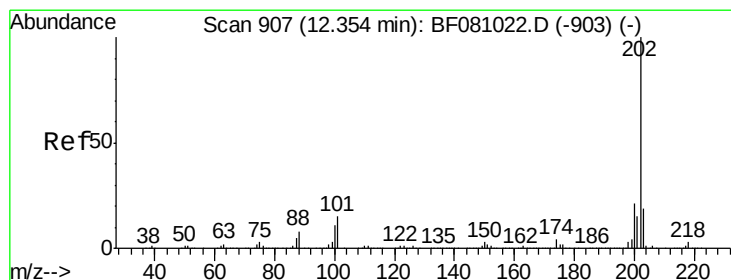
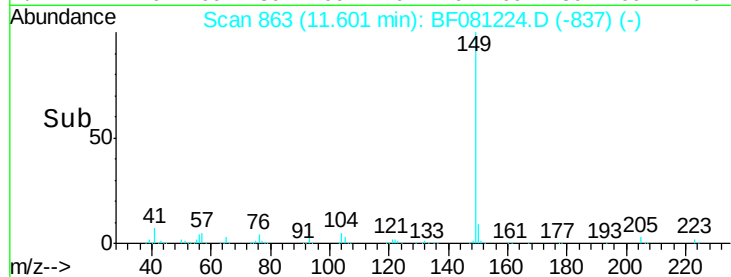
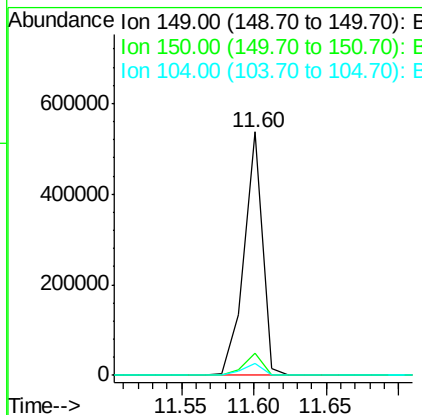
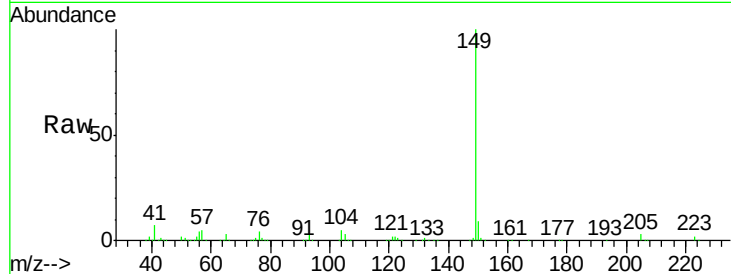
ClientSampleId :

PB85099BS

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Tgt Ion:	149	Resp:	472912
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	4.7	3.9	5.9



#74

Fluoranthene

Concen: 38.14 ng

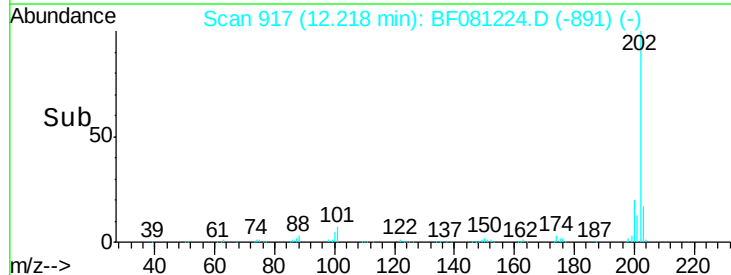
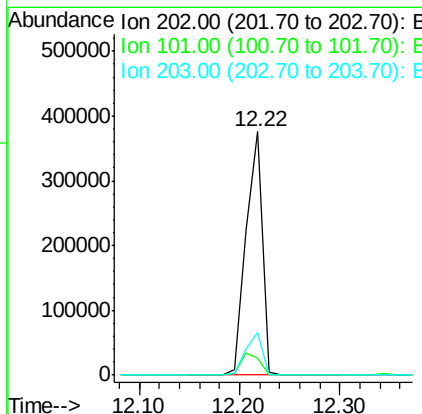
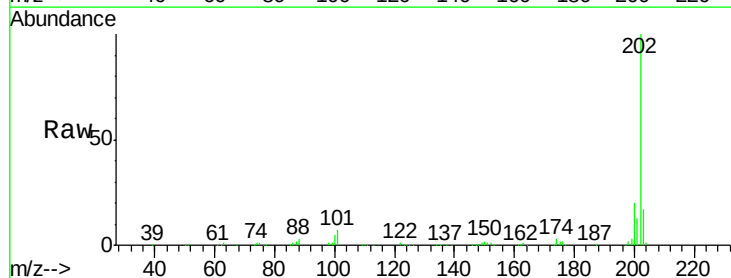
RT: 12.22 min Scan# 917

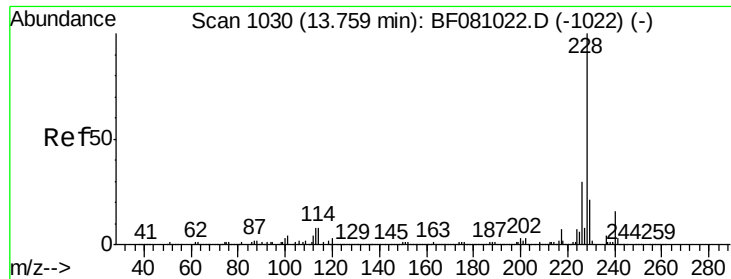
Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	202	Resp:	423257
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	24.8
203	17.3	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

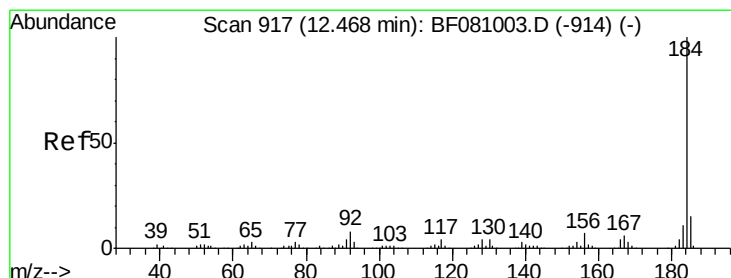
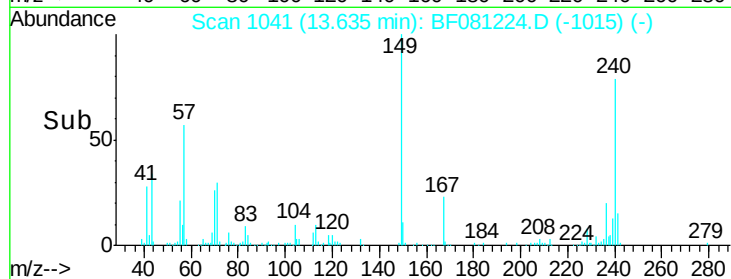
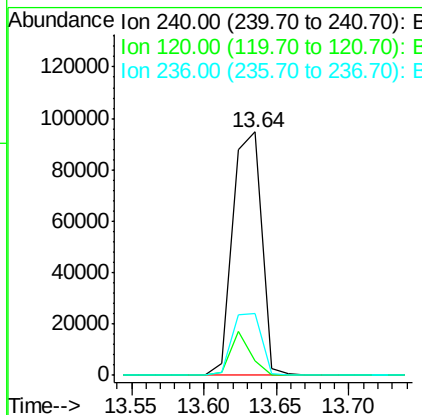
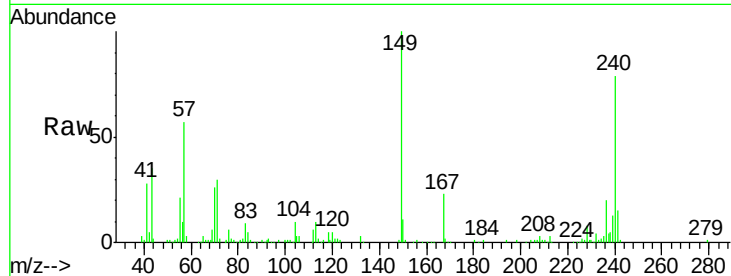
ClientSampleId :

PB85099BS

Tgt Ion:	240	Resp:	130604
Ion Ratio	Lower	Upper	
240	100		
120	5.9	5.6	8.4
236	25.2	20.6	30.8

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#76

Benzidine

Concen: 38.55 ng

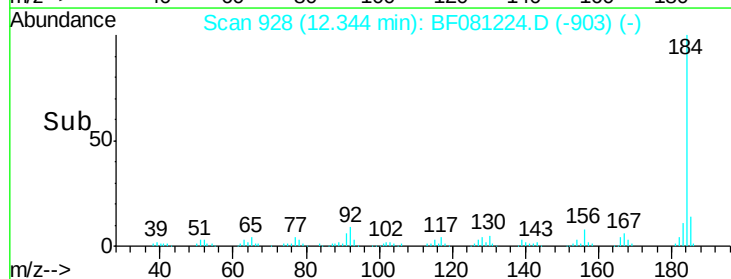
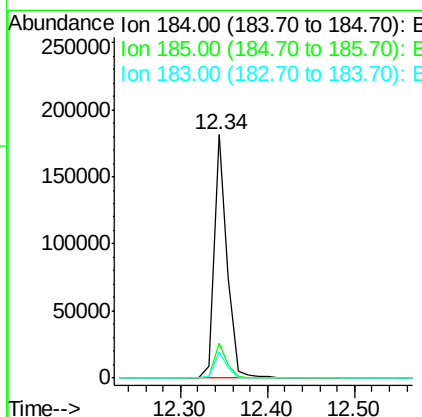
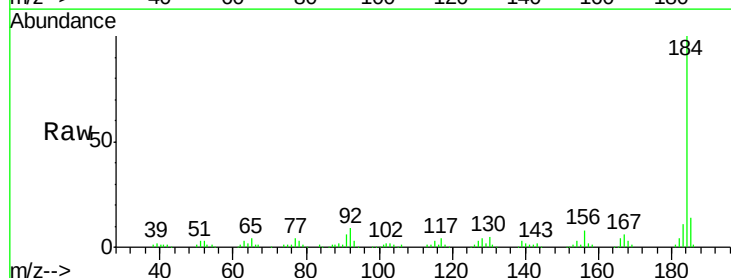
RT: 12.34 min Scan# 928

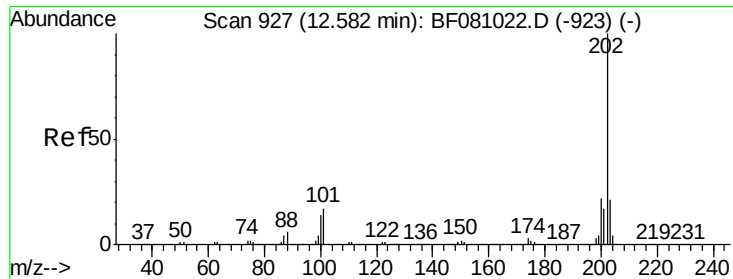
Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	184	Resp:	190196
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	10.6	8.9	13.3





#77

Pyrene

Concen: 36.33 ng

RT: 12.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

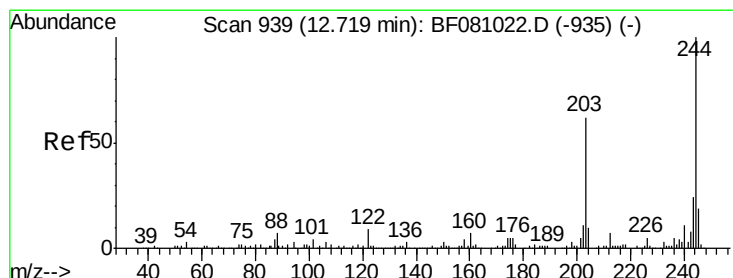
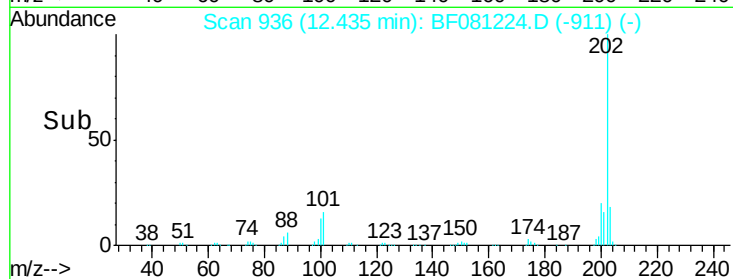
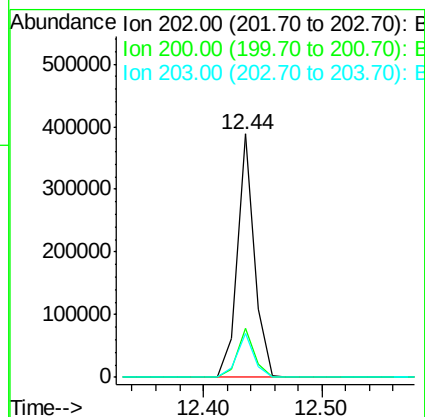
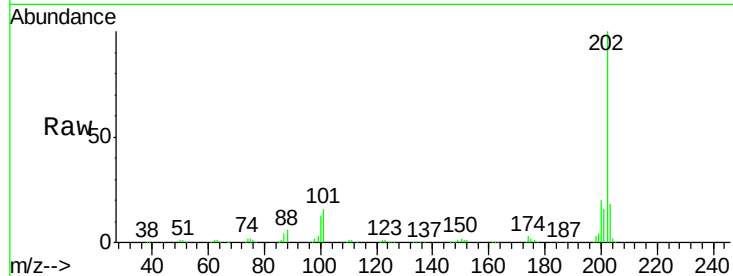
ClientSampleId :

PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	385753		
200	20.2	16.6	24.8	
203	18.2	14.1	21.1	

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#78

Terphenyl-d14

Concen: 69.11 ng

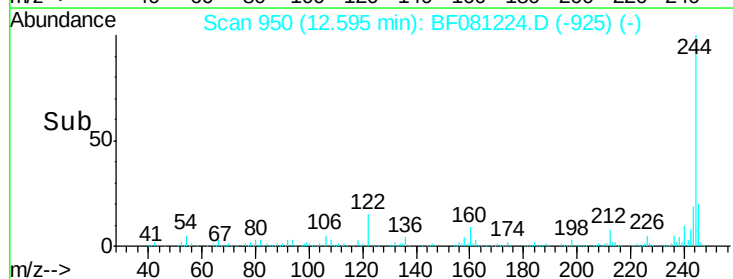
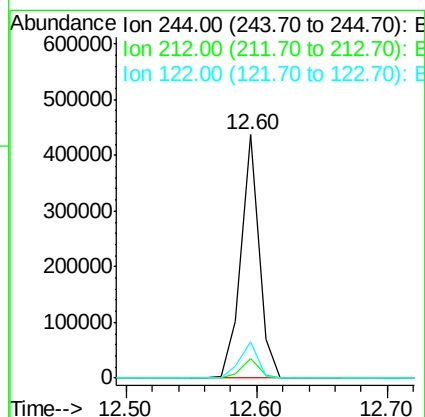
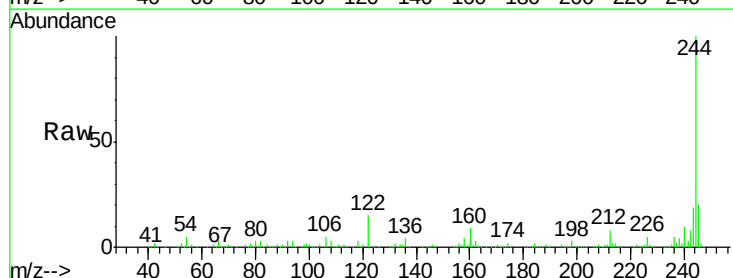
RT: 12.60 min Scan# 950

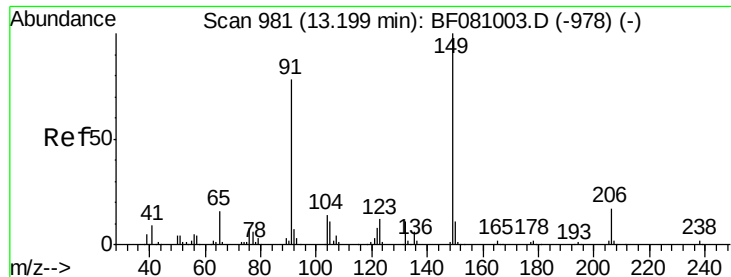
Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	421006		
212	8.0	5.8	8.8	
122	14.8	8.2	12.4#	





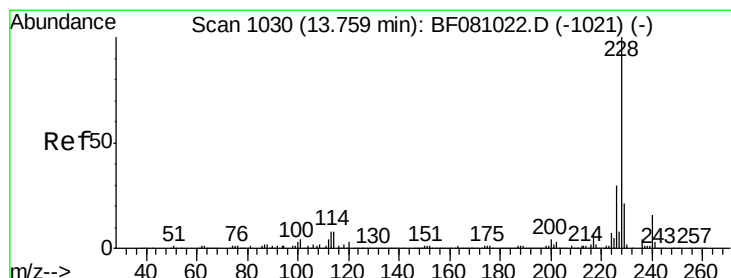
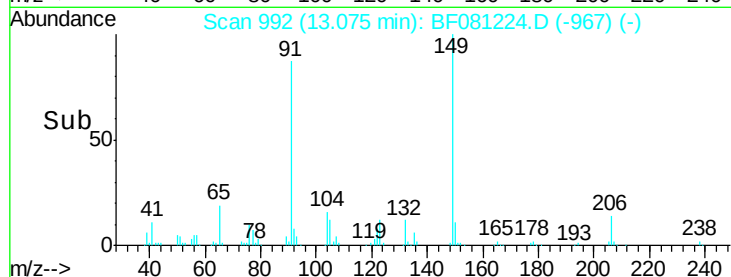
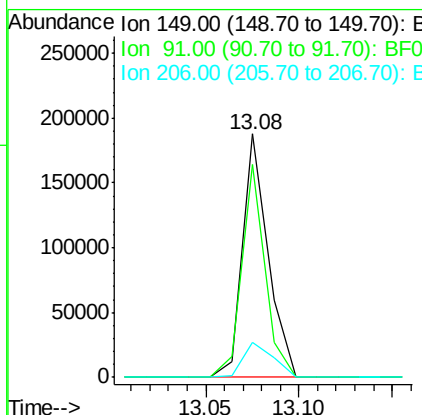
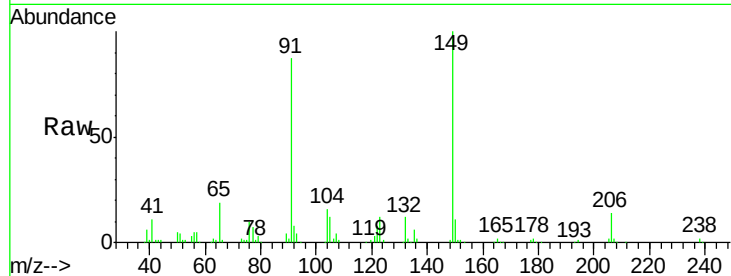
#79
Butylbenzylphthalate
Concen: 39.19 ng
RT: 13.08 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	87.5	46.9	70.3#
206	14.2	17.0	25.4#

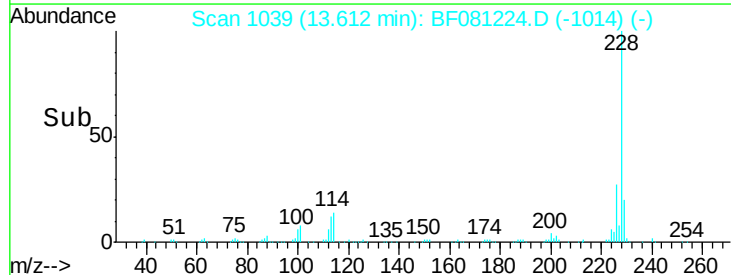
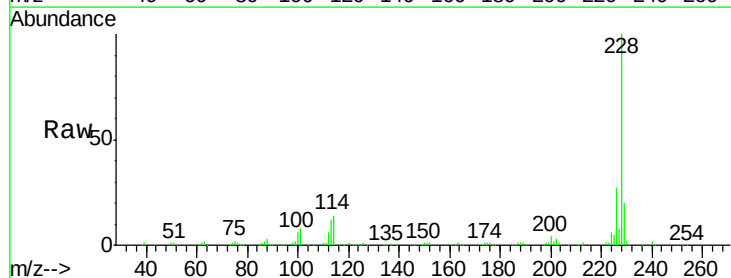
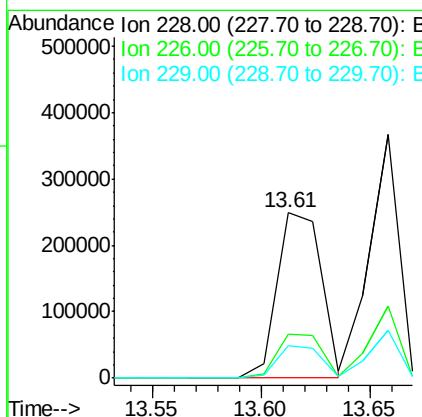
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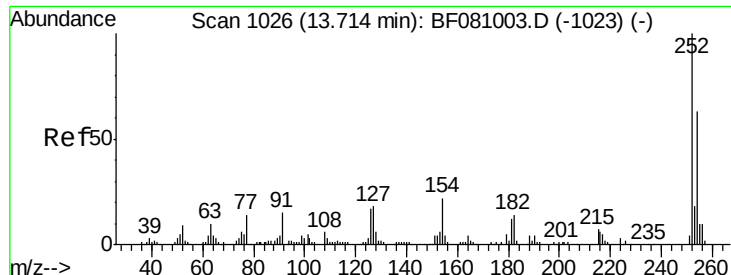
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#80
Benzo(a)anthracene
Concen: 40.56 ng
RT: 13.61 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.6	22.3	33.5
229	19.9	15.9	23.9





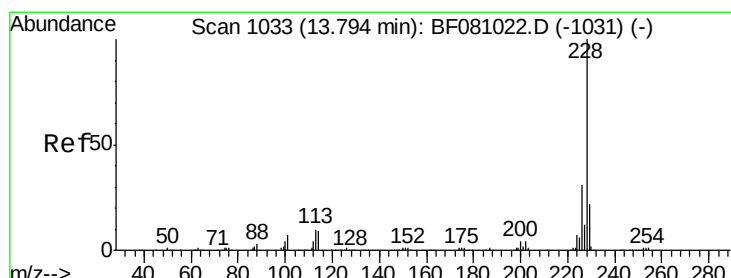
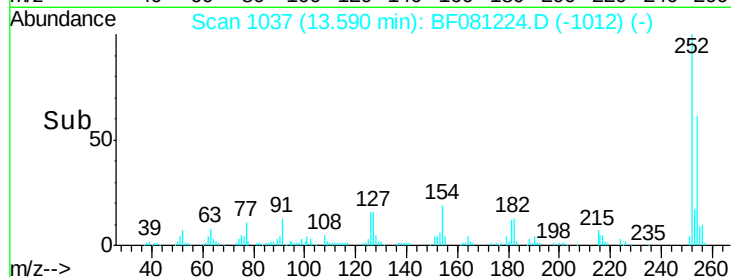
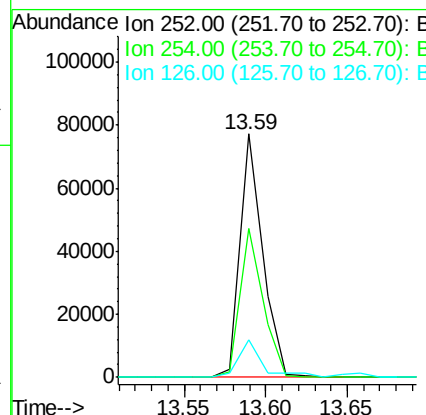
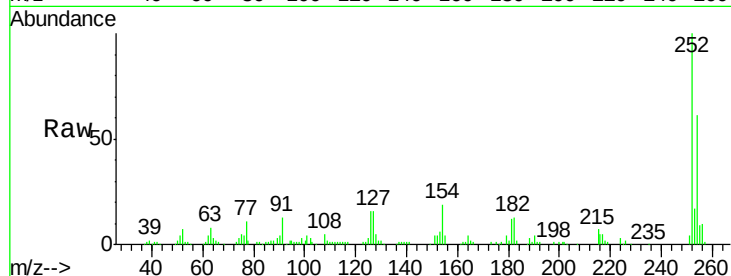
#81
 3,3'-Dichlorobenzidine
 Concen: 25.85 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleID :
 PB85099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.3	51.5	77.3
126	15.6	12.5	18.7

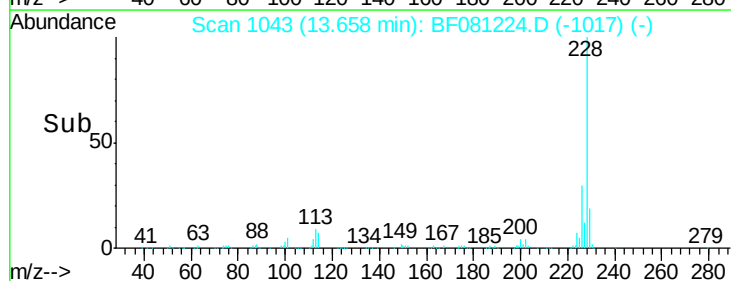
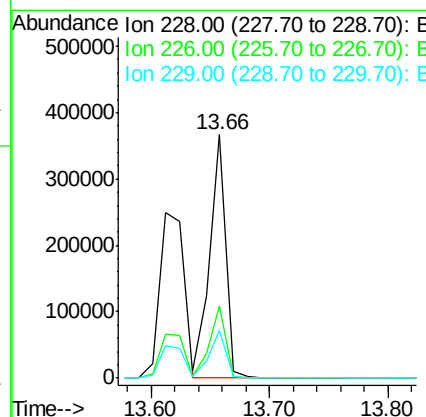
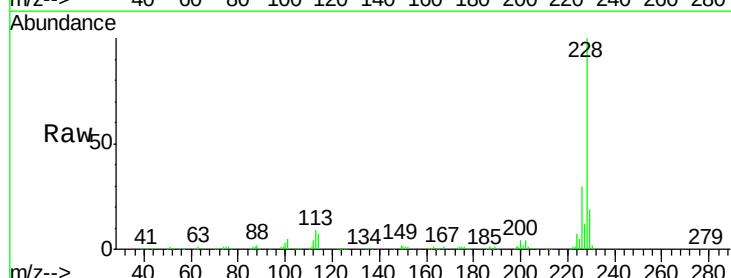
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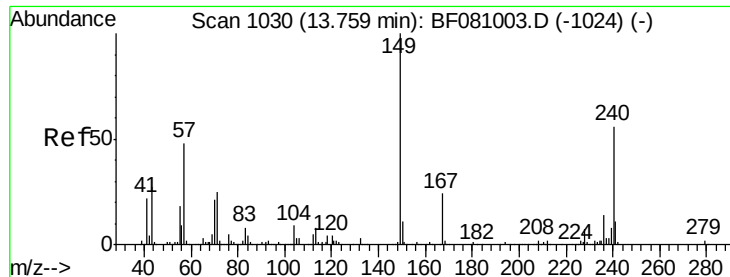
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#82
 Chrysene
 Concen: 43.98 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	24.4	36.6
229	19.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.31 ng

RT: 13.65 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

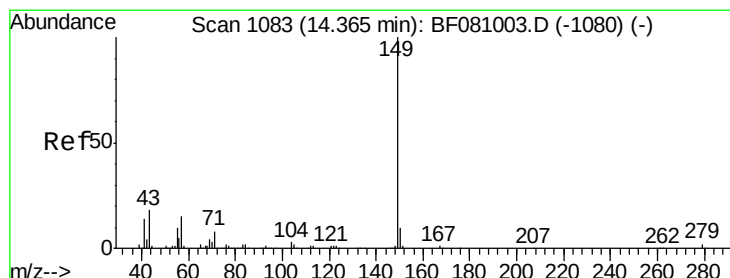
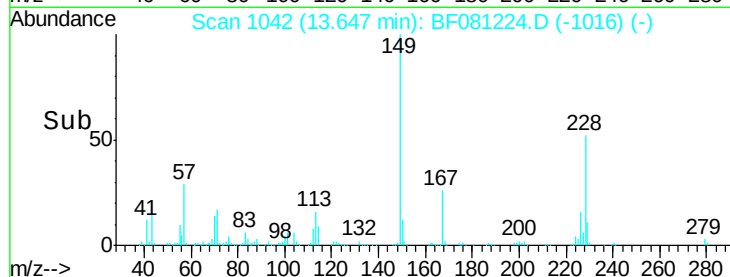
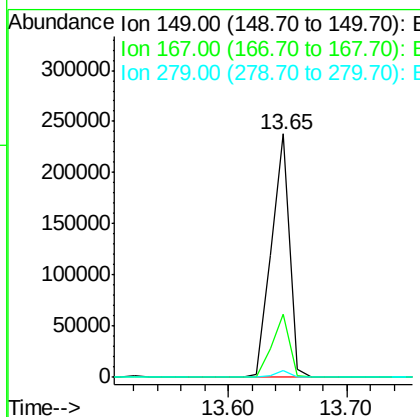
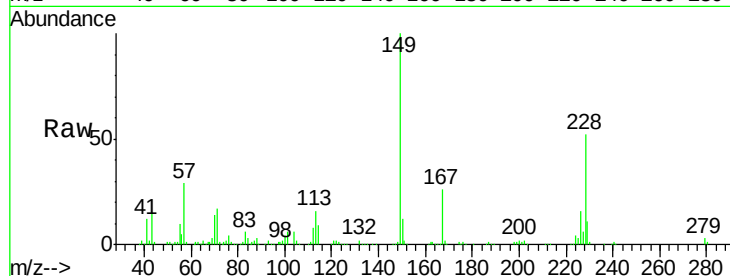
ClientSampleId :

PB85099BS

Tgt Ion:	149	Resp:	253190
Ion Ratio		Lower	Upper
149	100		
167	25.8	20.7	31.1
279	2.9	2.2	3.4

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#84

Di-n-octyl phthalate

Concen: 48.16 ng

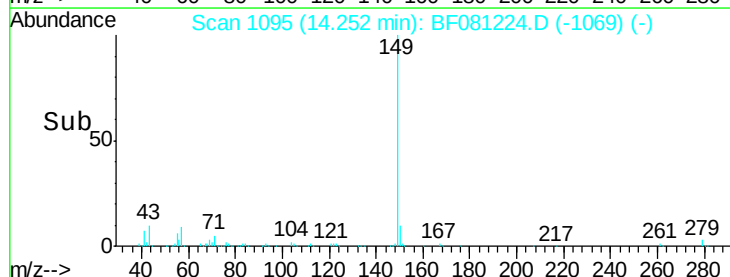
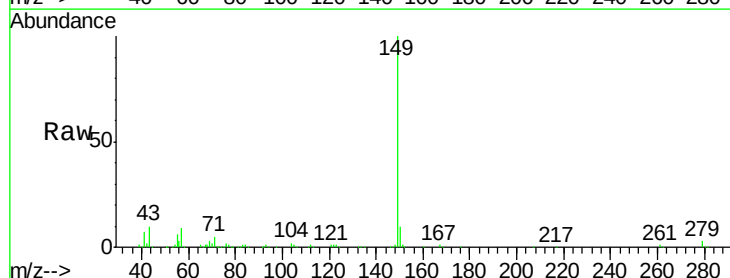
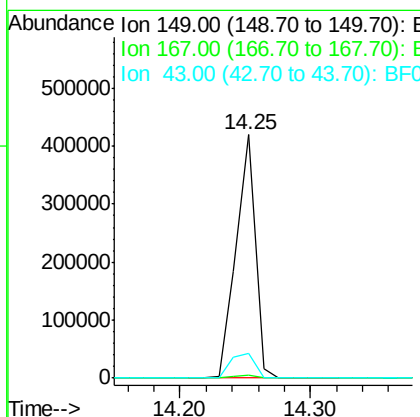
RT: 14.25 min Scan# 1095

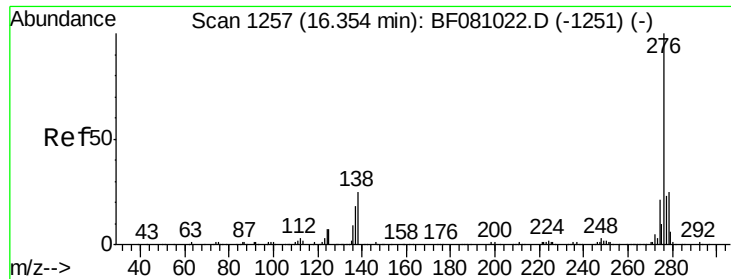
Delta R.T. 0.00 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

Tgt Ion:	149	Resp:	427864
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.1	11.6	17.4





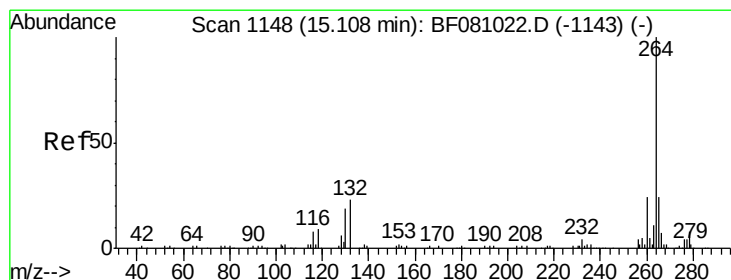
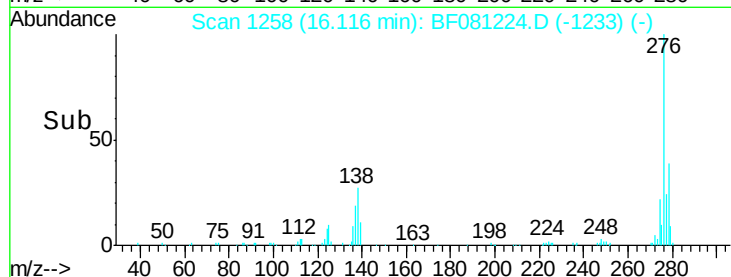
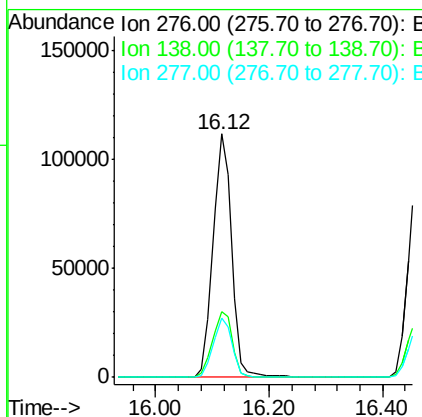
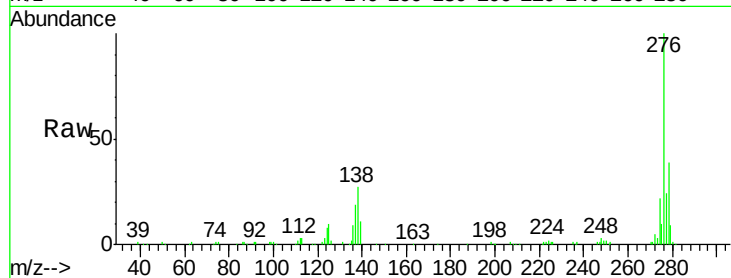
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.24 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.5	19.8	29.8

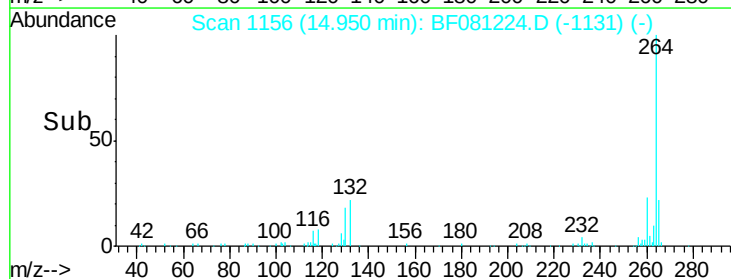
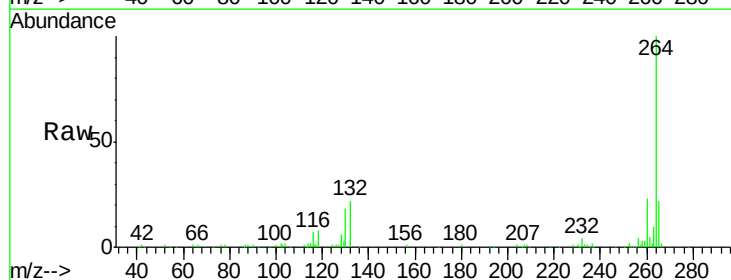
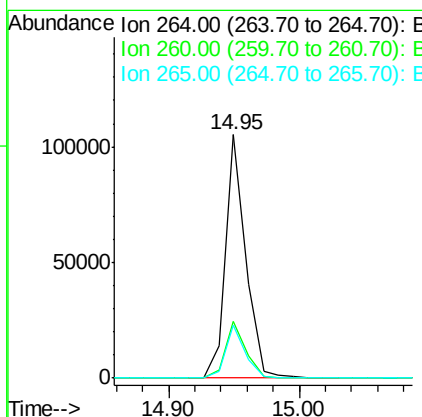
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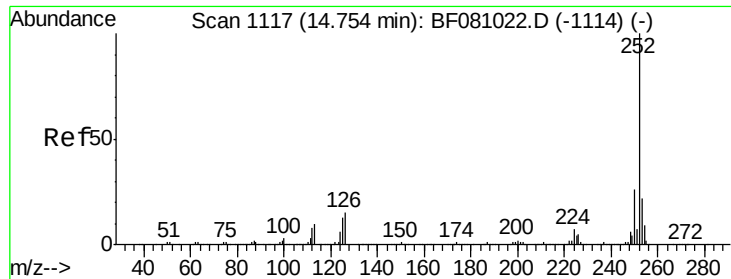
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 34.84 ng m

RT: 14.61 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF081224.D

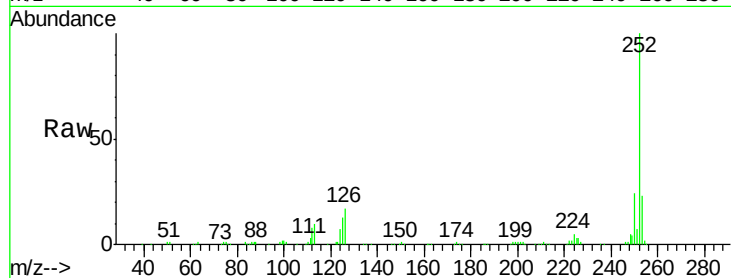
Acq: 26 Aug 2015 21:18

Instrument :

BNA_F

ClientSampleId :

PB85099BS



Tgt Ion: 252 Resp: 278002

Ion Ratio Lower Upper

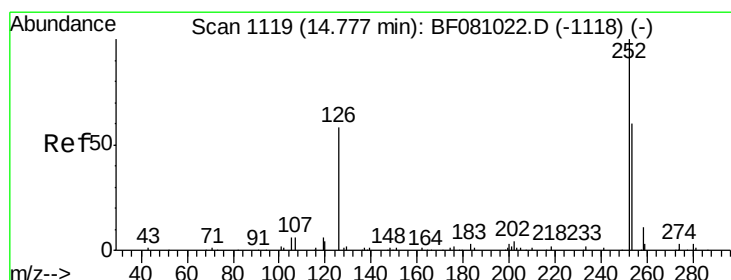
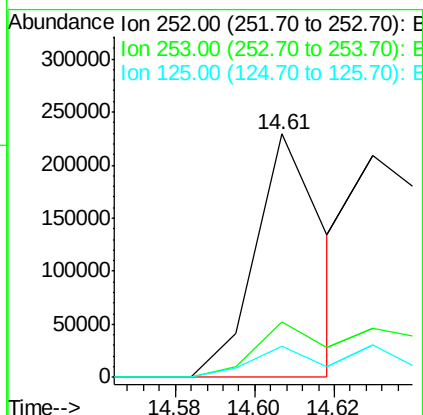
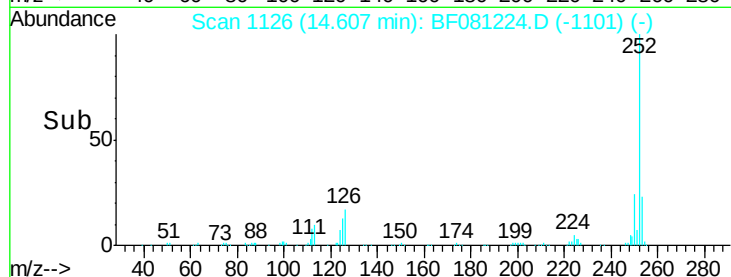
252 100

253 22.7 17.1 25.7

125 12.8 8.0 12.0#

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#88

Benzo(k)fluoranthene

Concen: 36.90 ng m

RT: 14.63 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF081224.D

Acq: 26 Aug 2015 21:18

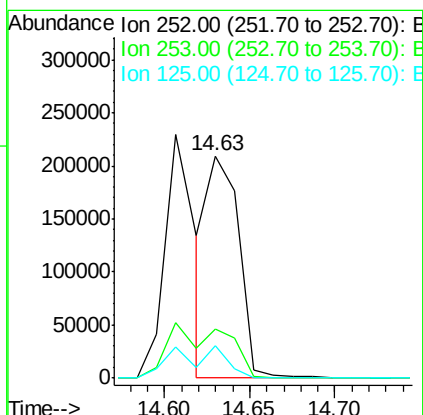
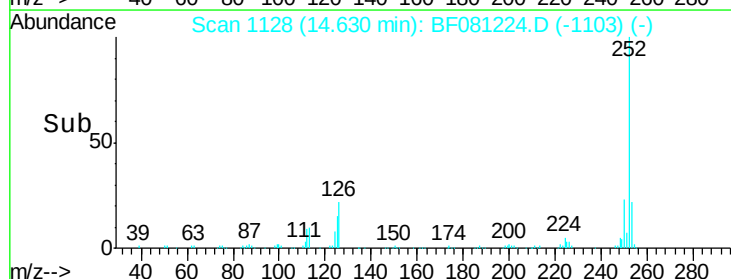
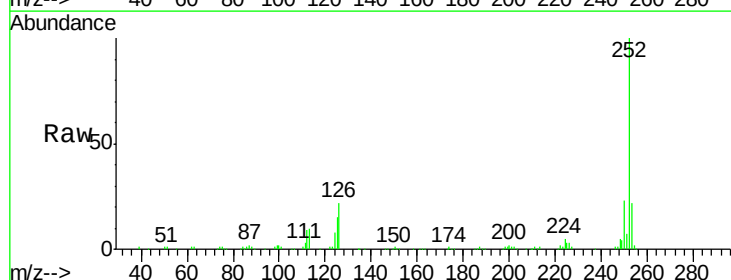
Tgt Ion: 252 Resp: 274395

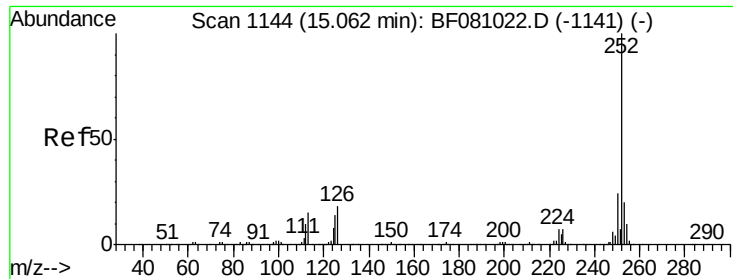
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 14.8 10.3 15.5





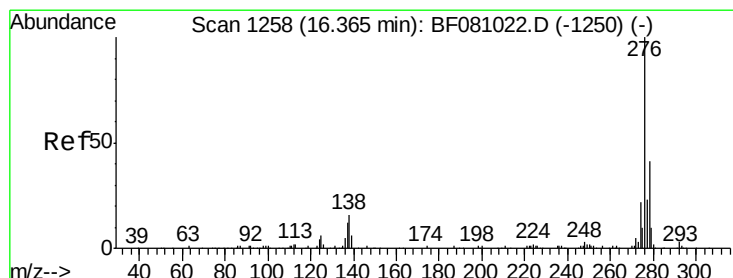
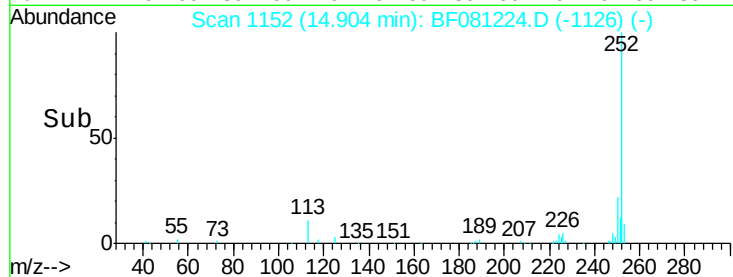
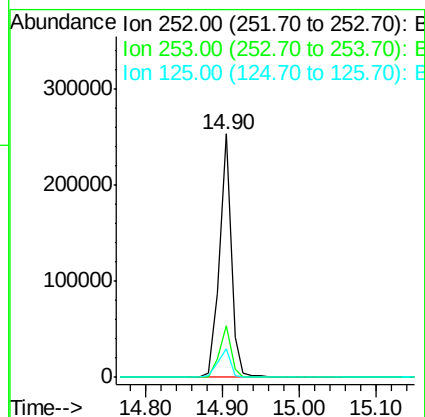
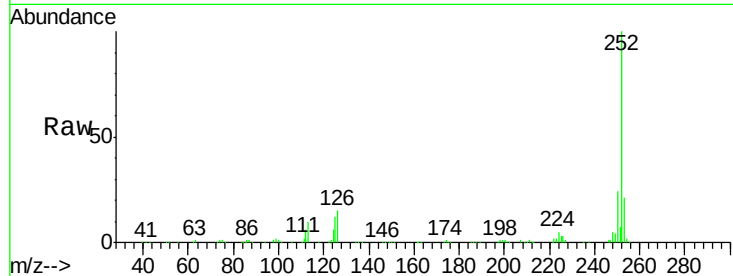
#89
Benzo(a)pyrene
Concen: 39.32 ng
RT: 14.90 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	273405		
253	21.4	16.6	25.0	
125	11.9	7.8	11.8#	

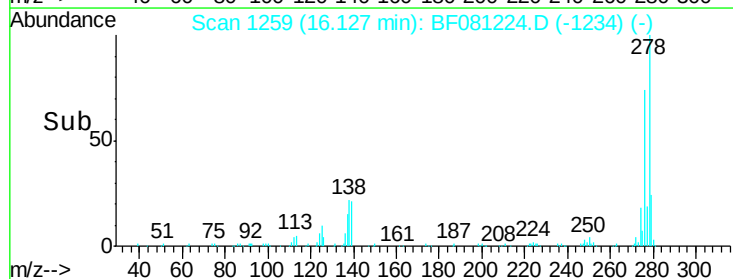
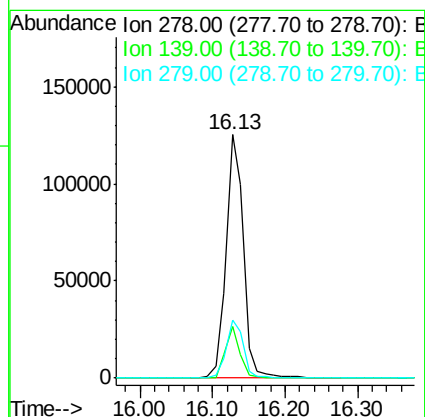
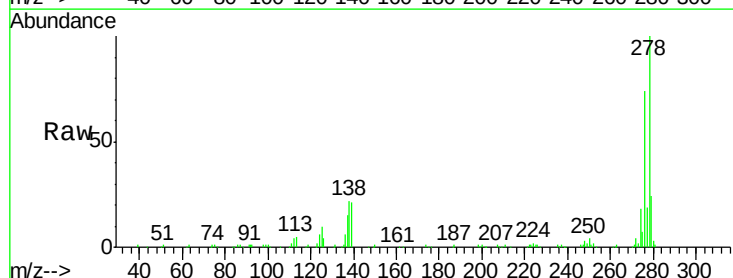
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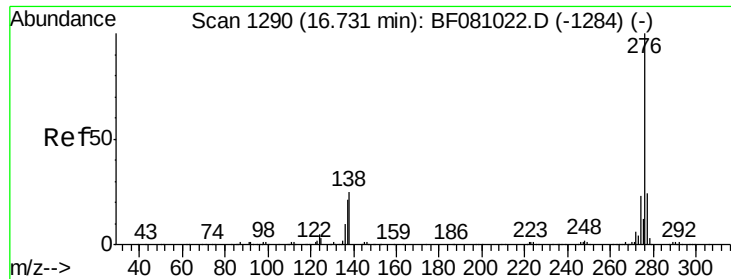
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#90
Dibenzo(a,h)anthracene
Concen: 38.32 ng
RT: 16.13 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF081224.D
Acq: 26 Aug 2015 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	207590		
139	21.2	10.8	16.2#	
279	23.8	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 37.84 ng
 RT: 16.46 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF081224.D
 Acq: 26 Aug 2015 21:18

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	18.2	27.2
138	27.3	13.7	20.5

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