

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083891.D
 Acq On : 18 Dec 2015 2:28
 Operator : UM/SJ
 Sample : PB87315BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Manual Integrations
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MMdadoda
 12/18/2015 6:21:46 PM

Quant Time: Dec 18 05:53:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	77334	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	311511	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	152615	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	293740	20.00	ng	0.01
75) Chrysene-d12	14.03	240	258243	20.00	ng	0.00
86) Perylene-d12	15.47	264	223983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	362259	73.31	ng	0.01
7) Phenol-d6	6.52	99	495622	81.94	ng	0.01
23) Nitrobenzene-d5	7.44	82	309576	56.72	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	147274	87.60	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	628762	54.65	ng	0.00
78) Terphenyl-d14	12.98	244	632182	55.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	45012	21.00	ng	98
3) Pyridine	3.29	79	130793	24.68	ng	97
4) n-Nitrosodimethylamine	3.23	42	56530	27.96	ng	94
6) Aniline	6.53	93	145019	18.62	ng	# 47
8) 2-Chlorophenol	6.66	128	152688	25.96	ng	95
9) Benzaldehyde	6.42	77	55697	15.28	ng	96
10) Phenol	6.53	94	187834	27.83	ng	89
11) bis(2-Chloroethyl)ether	6.61	93	138368	26.99	ng	99
12) 1,3-Dichlorobenzene	6.82	146	166306	26.29	ng	99
13) 1,4-Dichlorobenzene	6.89	146	162284	25.13	ng	97
14) 1,2-Dichlorobenzene	7.05	146	165988	30.70	ng	99
15) Benzyl Alcohol	7.02	79	136947	29.92	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	138448	26.19	ng	97
17) 2-Methylphenol	7.14	107	130436	28.27	ng	99
18) Hexachloroethane	7.39	117	61646	26.02	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	97744	27.72	ng	# 84
20) 3+4-Methylphenols	7.29	107	150910	27.84	ng	92
22) Acetophenone	7.29	105	205739	27.43	ng	# 99
24) Nitrobenzene	7.46	77	162398	28.77	ng	97
25) Isophorone	7.70	82	271302	26.42	ng	99
26) 2-Nitrophenol	7.78	139	86466	29.59	ng	98
27) 2,4-Dimethylphenol	7.81	122	136701	27.16	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	158246	26.05	ng	99
29) 2,4-Dichlorophenol	8.02	162	131460	28.79	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	127296	25.96	ng	99
31) Naphthalene	8.18	128	431519	26.60	ng	99
32) Benzoic acid	7.94	122	54361	33.32	ng	90
33) 4-Chloroaniline	8.22	127	76692	10.85	ng	98
34) Hexachlorobutadiene	8.30	225	78539	25.65	ng	100
35) Caprolactam	8.59	113	41559m	27.55	ng	
36) 4-Chloro-3-methylphenol	8.72	107	146439	27.74	ng	94
37) 2-Methylnaphthalene	8.88	142	316656	29.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	121589	25.27	ng	99
40) Hexachlorocyclopentadiene	9.04	237	96060	63.49	ng	99

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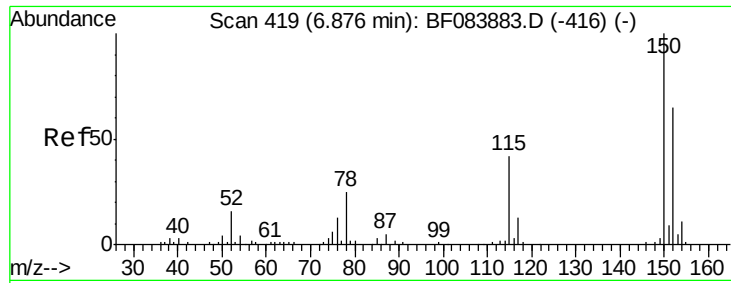
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	82413	25.94	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	92061	29.28	ng #	94
45) 1,1'-Biphenyl	9.33	154	350046	26.65	ng	99
46) 2-Chloronaphthalene	9.36	162	271436	26.34	ng	100
47) 2-Nitroaniline	9.46	65	78805	26.11	ng #	46
48) Acenaphthylene	9.78	152	469194	26.37	ng	100
49) Dimethylphthalate	9.64	163	364784	28.49	ng	99
50) 2,6-Dinitrotoluene	9.70	165	80897	28.96	ng	92
51) Acenaphthene	9.95	154	313155	28.63	ng	100
52) 3-Nitroaniline	9.86	138	46428	15.77	ng	96
53) 2,4-Dinitrophenol	9.97	184	57325	60.09	ng #	77
54) Dibenzofuran	10.12	168	415961	29.28	ng	96
55) 4-Nitrophenol	10.03	139	110751	60.25	ng #	79
56) 2,4-Dinitrotoluene	10.10	165	96093	26.84	ng	92
57) Fluorene	10.46	166	329930	29.50	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	71537	30.75	ng	97
59) Diethylphthalate	10.34	149	363229	27.44	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	148491	27.27	ng	94
61) 4-Nitroaniline	10.48	138	73789	24.22	ng	93
62) Azobenzene	10.61	77	334168	30.11	ng	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	47785	28.24	ng	81
65) n-Nitrosodiphenylamine	10.57	169	273605	25.60	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	94578	26.34	ng	96
67) Hexachlorobenzene	11.01	284	105157	27.81	ng	96
68) Atrazine	11.09	200	91721	27.09	ng	99
69) Pentachlorophenol	11.21	266	90920	58.04	ng	99
70) Phenanthrene	11.42	178	477898	26.93	ng	100
71) Anthracene	11.47	178	444760	25.93	ng	100
72) Carbazole	11.63	167	436245	25.74	ng	97
73) Di-n-butylphthalate	11.96	149	575693	28.91	ng	99
74) Fluoranthene	12.60	202	468037	26.43	ng	98
76) Benzidine	12.73	184	205180	19.84	ng	98
77) Pyrene	12.83	202	483706	30.30	ng	100
79) Butylbenzylphthalate	13.45	149	228705	26.60	ng	96
80) Benzo(a)anthracene	14.02	228	414255	26.09	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	84914	14.31	ng	99
82) Chrysene	14.07	228	413324	26.95	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	326457	28.44	ng	100
84) Di-n-octyl phthalate	14.63	149	560037	31.18	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	350862	30.59	ng	100
87) Benzo(b)fluoranthene	15.06	252	426028	26.09	ng	99
88) Benzo(k)fluoranthene	15.08	252	384307m	28.53	ng	
89) Benzo(a)pyrene	15.41	252	379930	28.17	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	291135	27.75	ng #	95
91) Benzo(g,h,i)perylene	17.32	276	282936	27.52	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083891.D

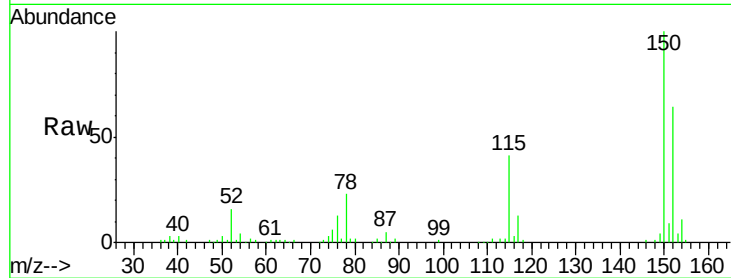
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

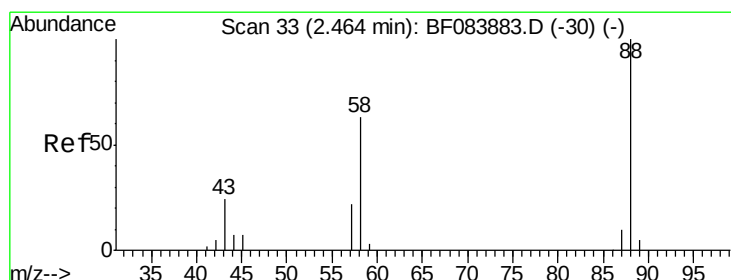
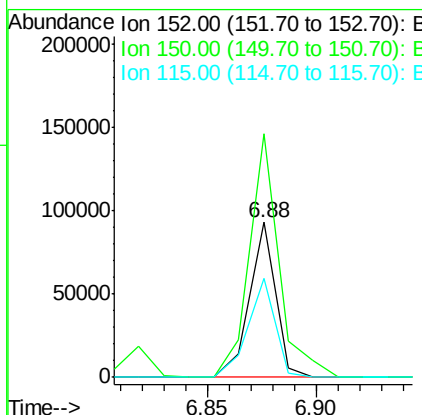
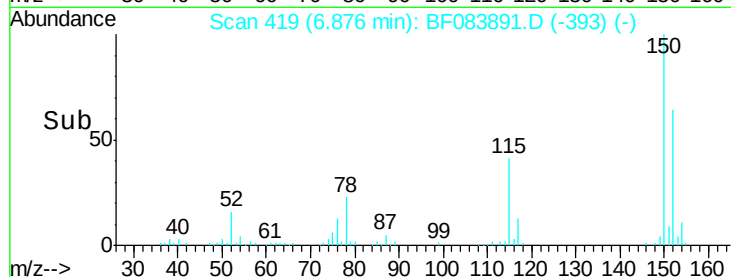
PB87315BS



Tgt Ion:	152	Resp:	77334
Ion Ratio	Lower	Upper	
152	100		
150	156.9	123.0	184.4
115	64.0	51.4	77.2

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#2

1,4-Dioxane

Concen: 21.00 ng

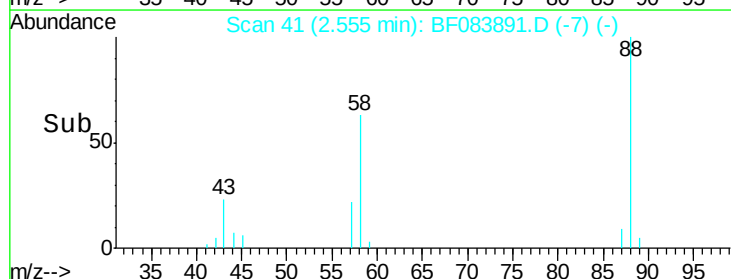
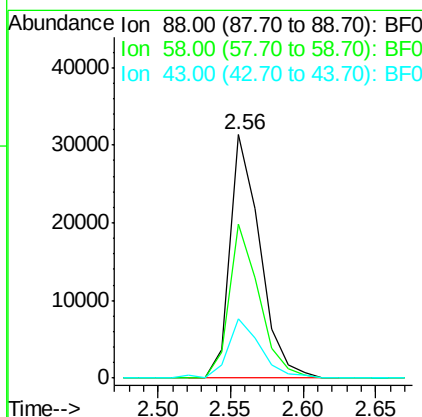
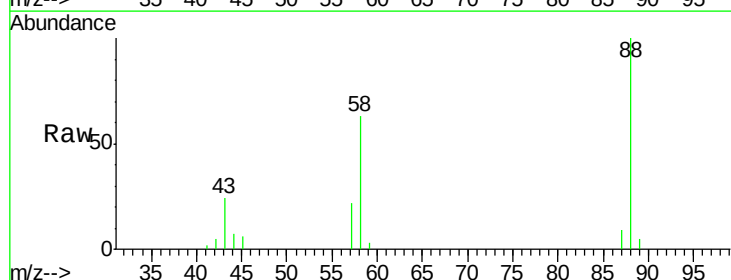
RT: 2.56 min Scan# 41

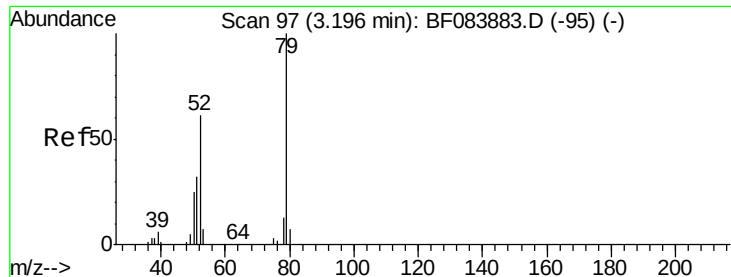
Delta R.T. 0.09 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion:	88	Resp:	45012
Ion Ratio	Lower	Upper	
88	100		
58	63.1	51.2	76.8
43	26.5	19.5	29.3





#3

Pyridine

Concen: 24.68 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

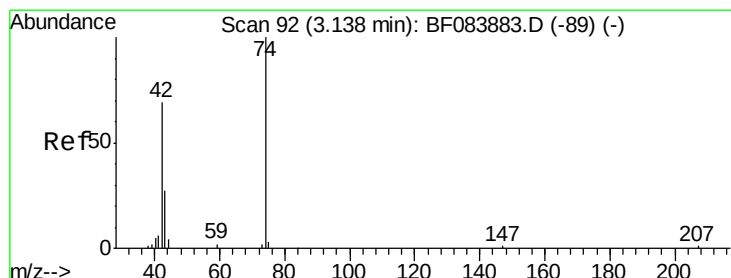
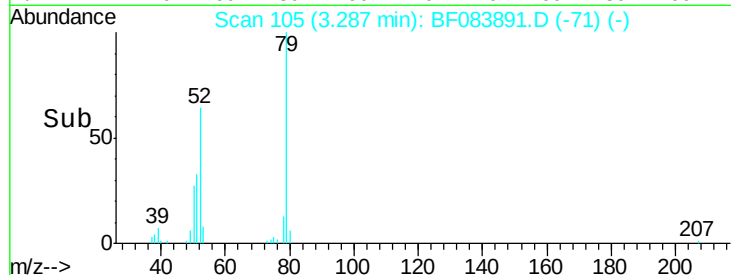
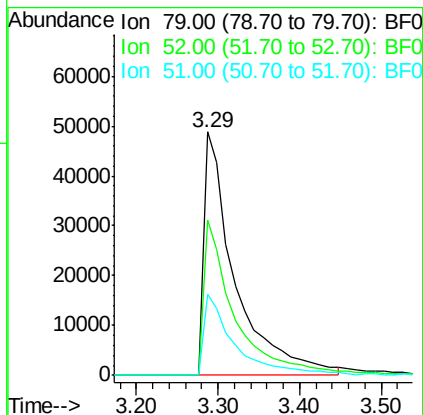
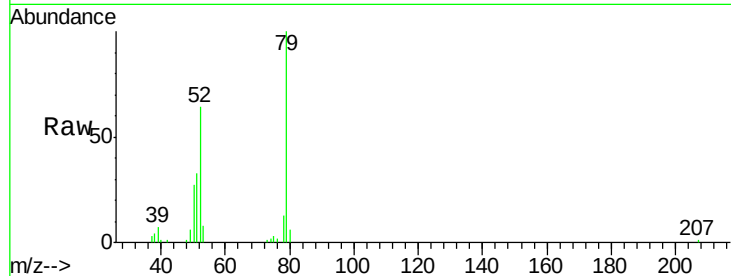
ClientSampleId :

PB87315BS

Tgt Ion:	79	Resp:	130793
Ion Ratio		Lower	Upper
79	100		
52	63.6	49.0	73.4
51	33.2	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 27.96 ng

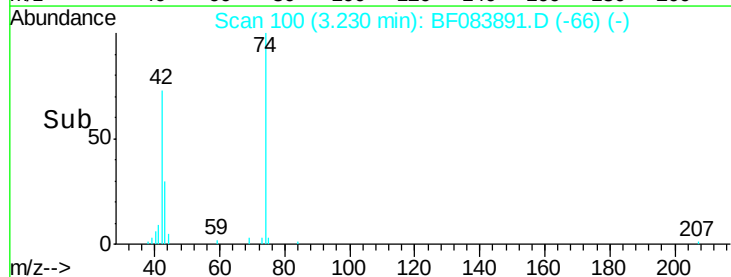
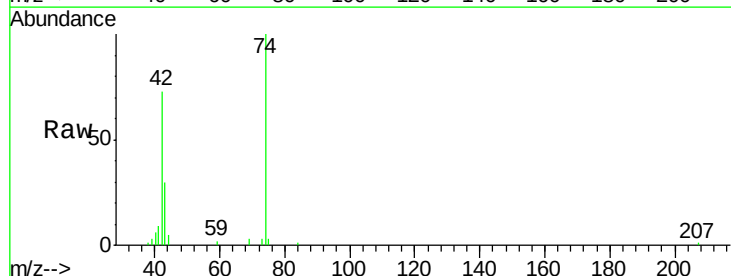
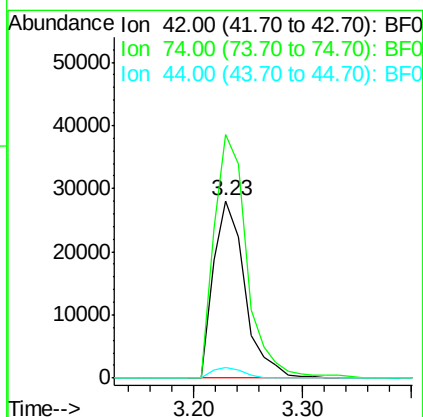
RT: 3.23 min Scan# 100

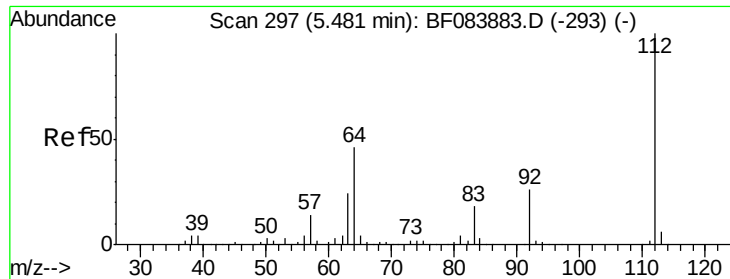
Delta R.T. 0.09 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion:	42	Resp:	56530
Ion Ratio		Lower	Upper
42	100		
74	137.1	115.7	173.5
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 73.31 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083891.D

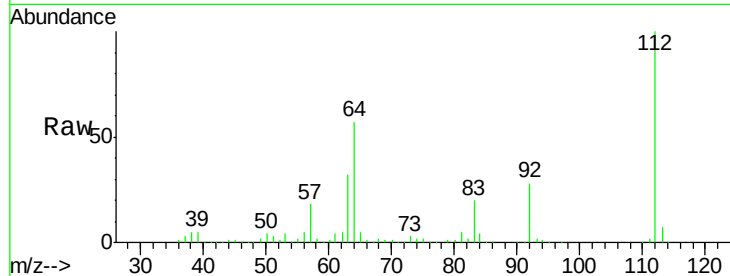
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

PB87315BS



Tgt Ion: 112 Resp: 362259

Ion Ratio Lower Upper

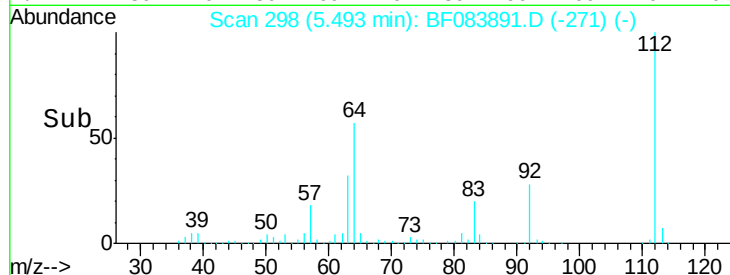
112 100

64 56.9 36.6 55.0#

63 31.7 19.4 29.0#

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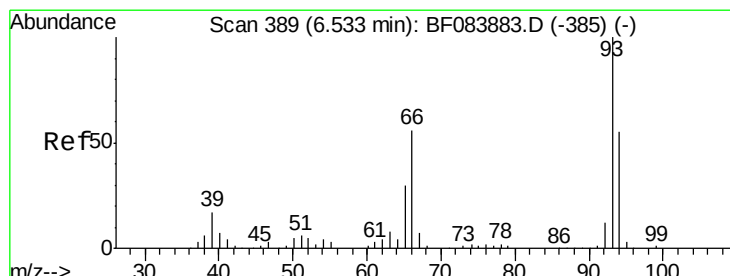
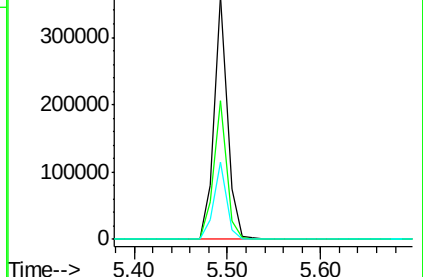
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.62 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

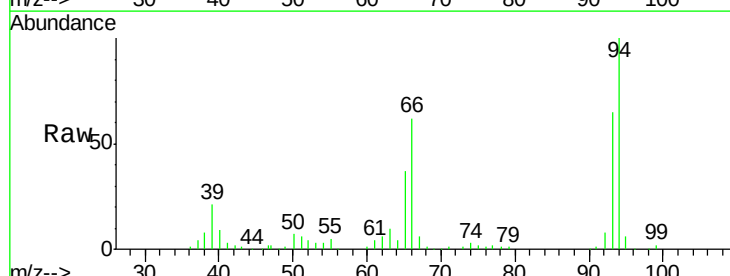
Tgt Ion: 93 Resp: 145019

Ion Ratio Lower Upper

93 100

66 95.9 44.9 67.3#

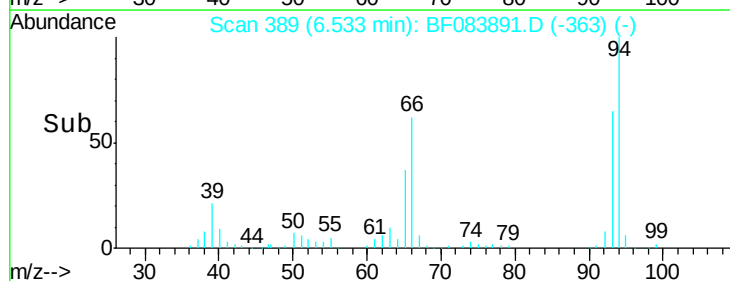
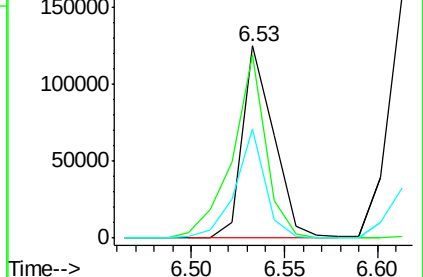
65 56.9 23.7 35.5#

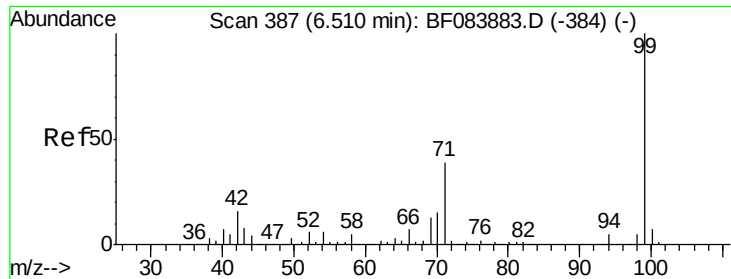


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.94 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083891.D

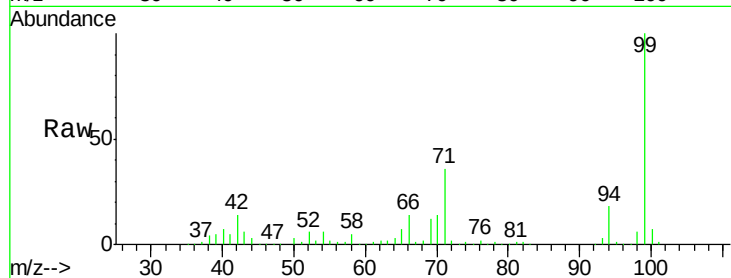
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

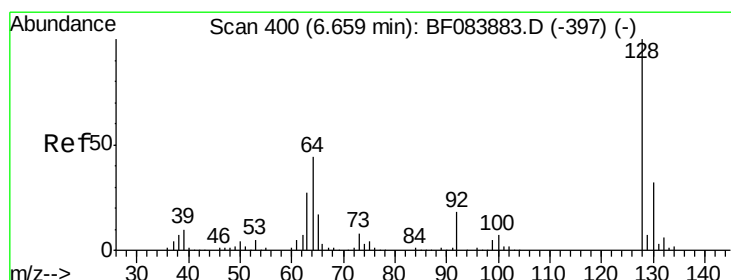
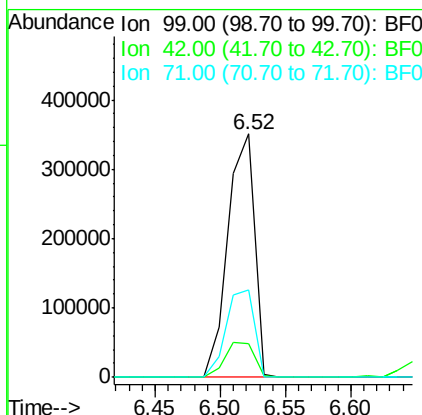
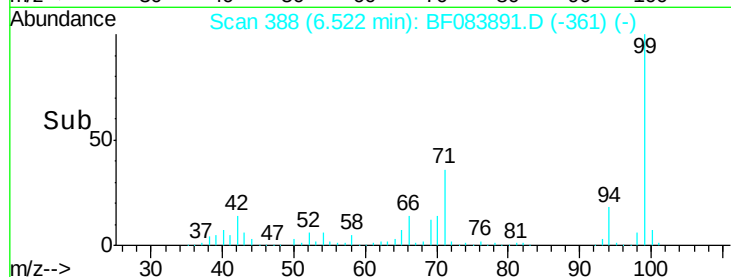
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Tgt Ion:	99	Resp:	495622
Ion Ratio	Lower	Upper	
99	100		
42	13.7	12.8	19.2
71	35.8	30.9	46.3

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#8

2-Chlorophenol

Concen: 25.96 ng

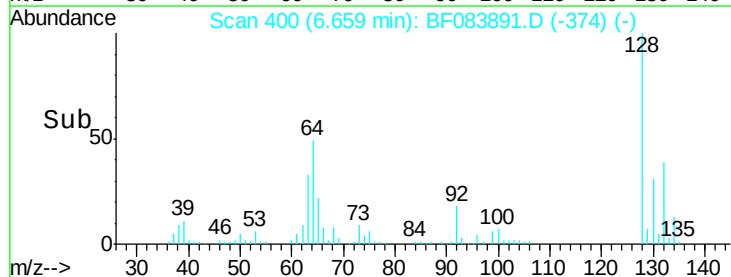
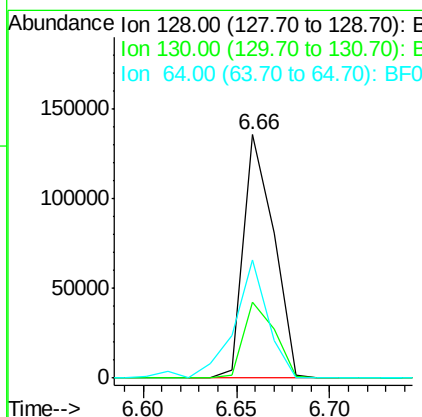
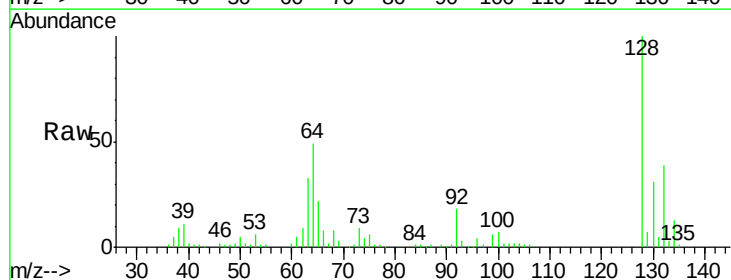
RT: 6.66 min Scan# 400

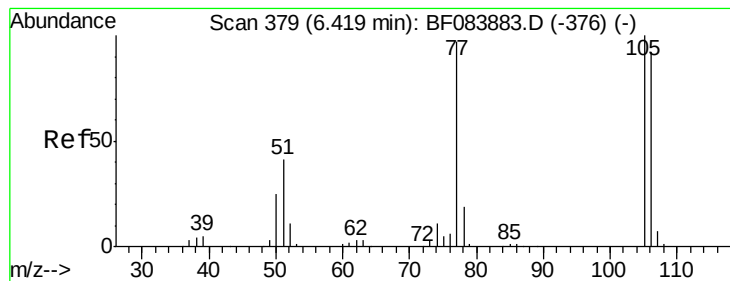
Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion:	128	Resp:	152688
Ion Ratio	Lower	Upper	
128	100		
130	31.0	11.6	51.6
64	48.6	23.8	63.8





#9

Benzaldehyde

Concen: 15.28 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

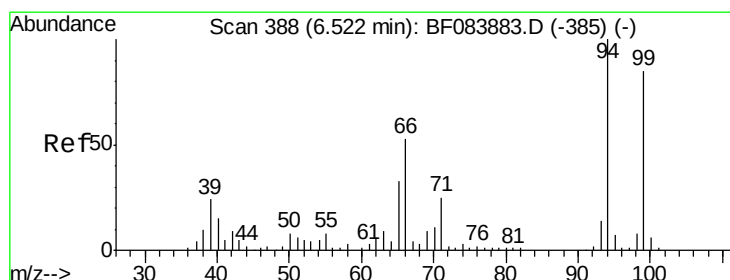
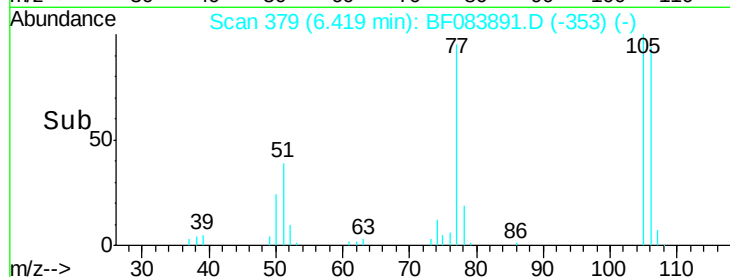
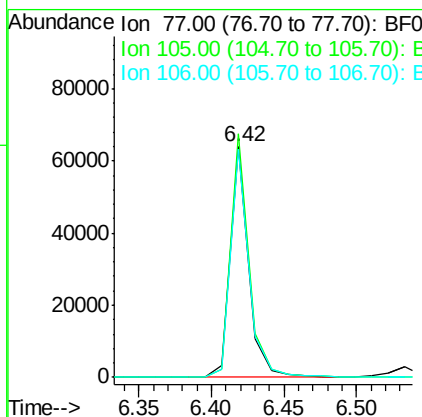
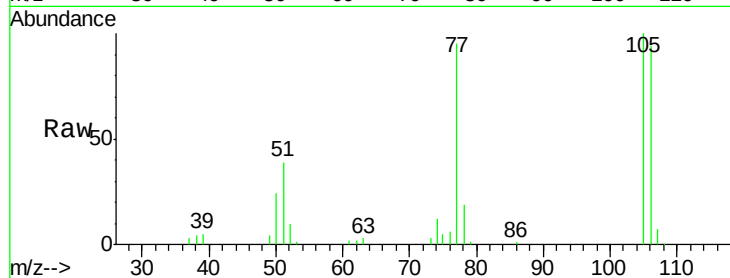
ClientSampleId :

PB87315BS

Tgt Ion:	77	Resp:	55697
Ion	Ratio	Lower	Upper
77	100		
105	105.8	83.0	123.0
106	99.3	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 27.83 ng

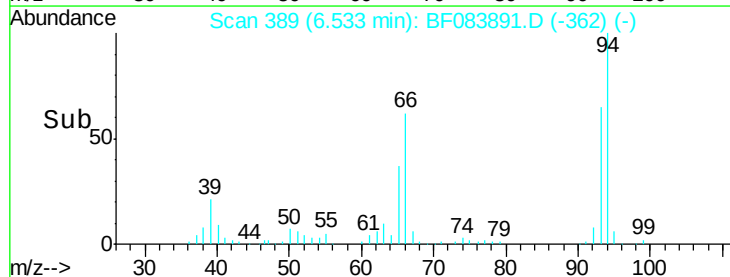
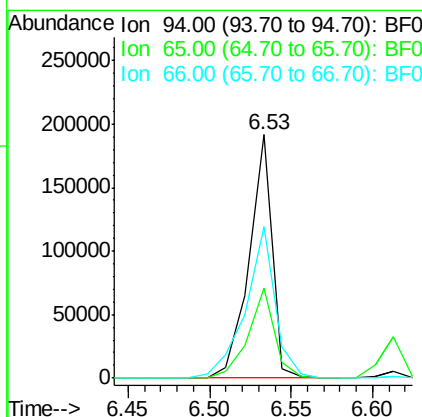
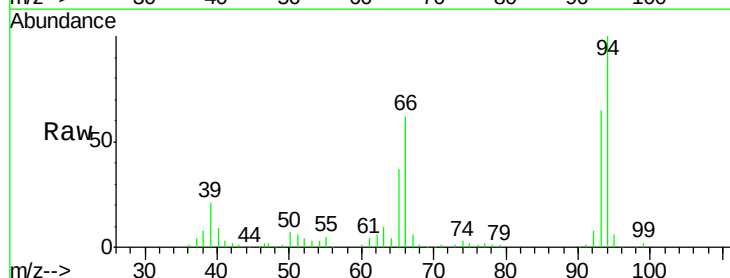
RT: 6.53 min Scan# 389

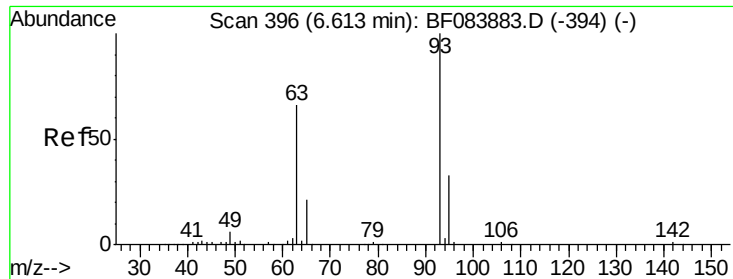
Delta R.T. 0.01 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion:	94	Resp:	187834
Ion	Ratio	Lower	Upper
94	100		
65	37.0	12.9	52.9
66	62.3	32.7	72.7





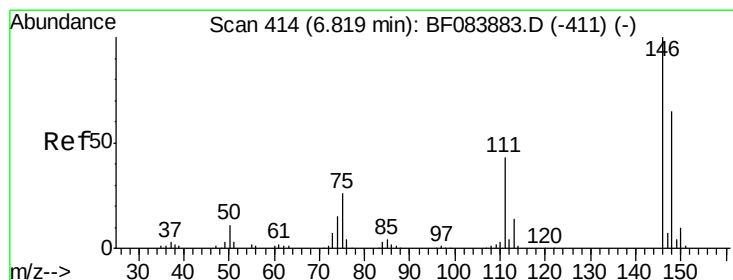
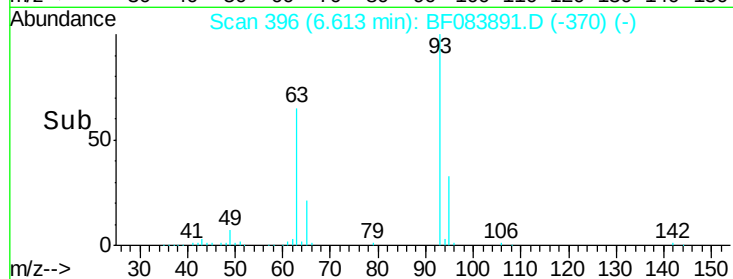
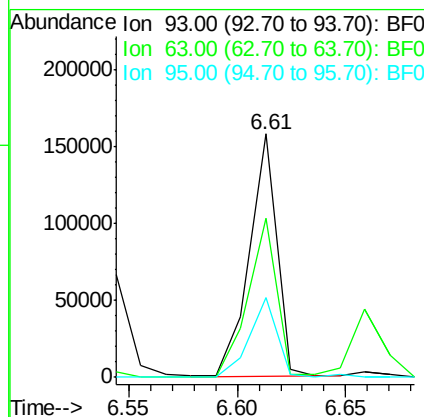
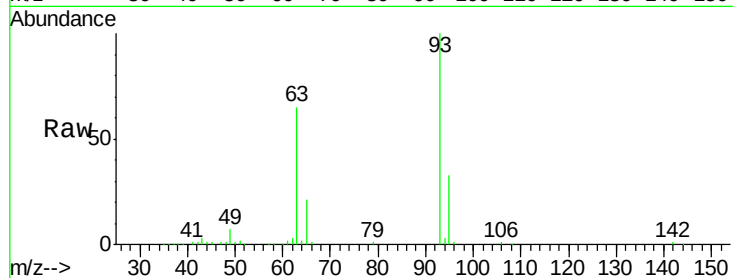
#11
bis(2-Chloroethyl)ether
Concen: 26.99 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	65.3	45.9	85.9
95	33.0	12.3	52.3

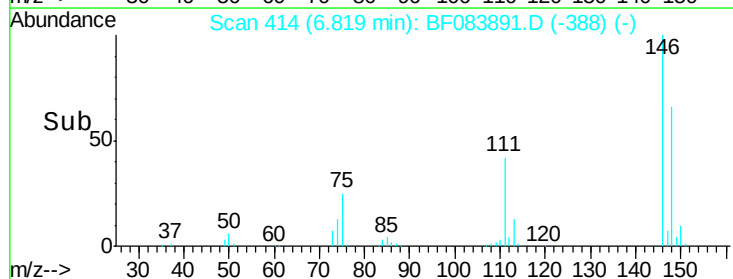
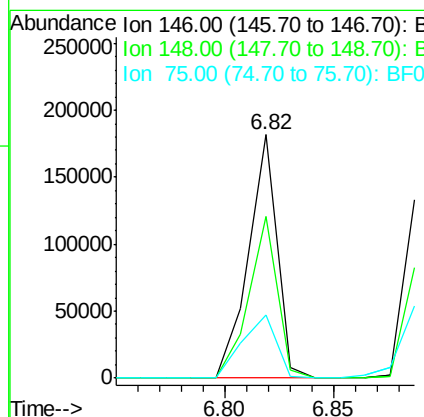
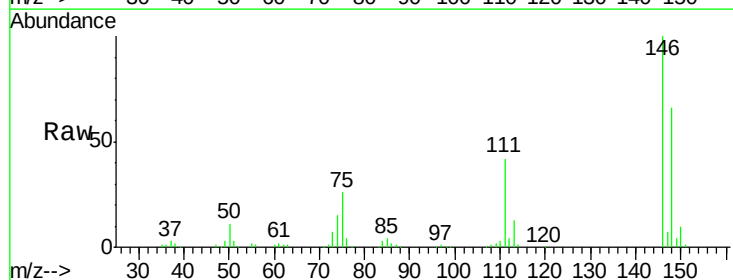
Manual Integrations
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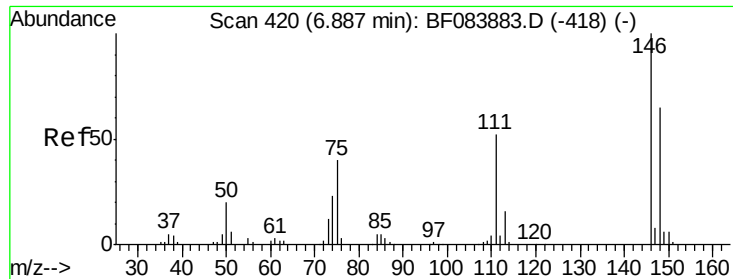
MMdadoda
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#12
1,3-Dichlorobenzene
Concen: 26.29 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.2	51.9	77.9
75	26.0	20.5	30.7





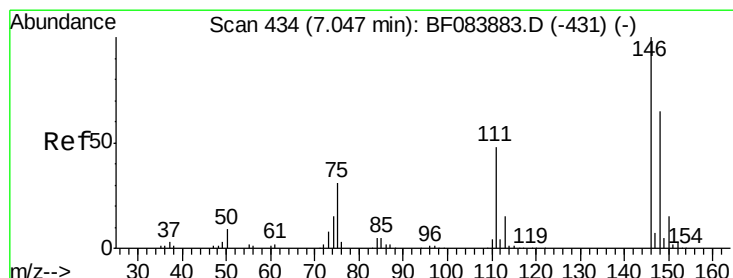
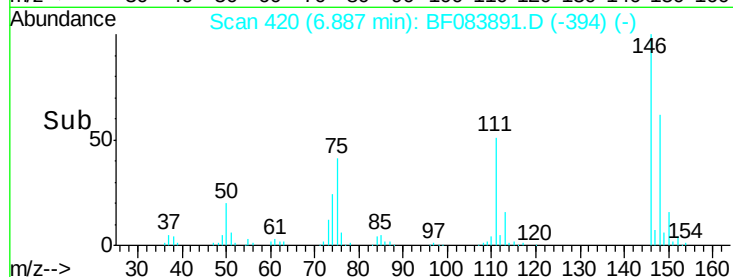
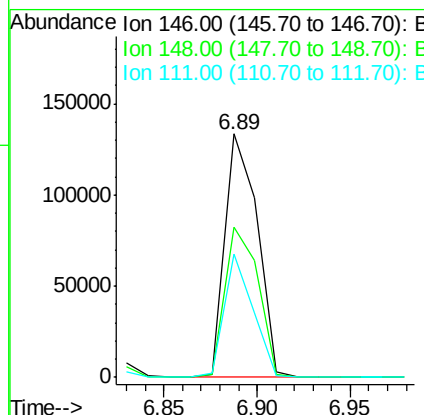
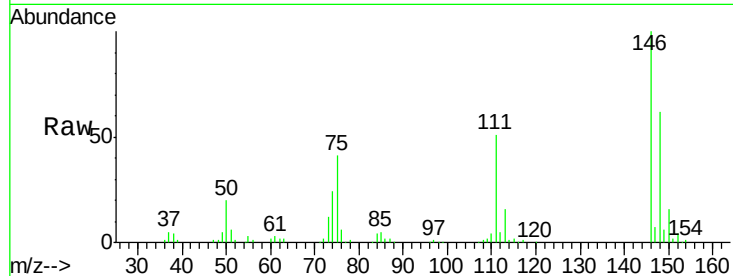
#13
 1,4-Dichlorobenzene
 Concen: 25.13 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.9	77.9
111	50.9	41.6	62.4

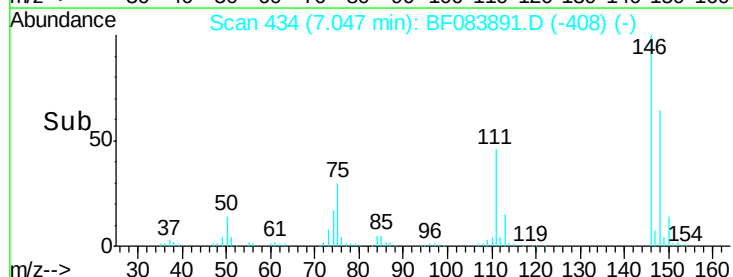
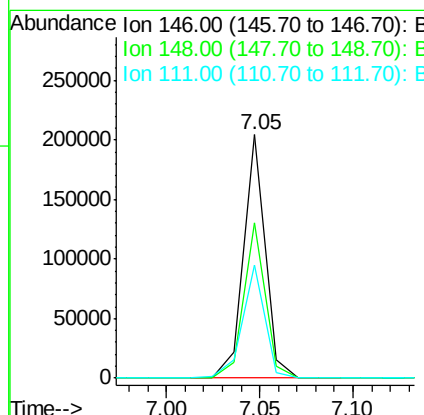
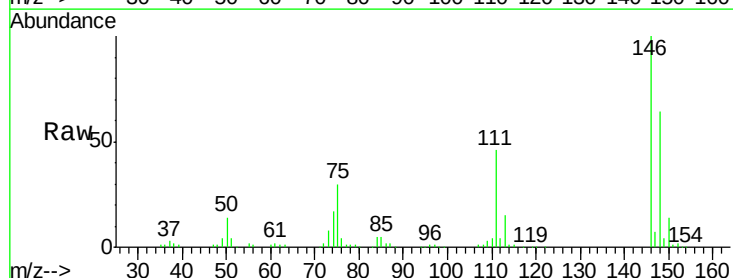
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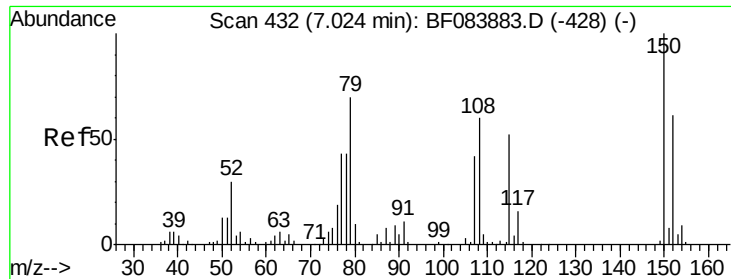
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 30.70 ng
 RT: 7.05 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	46.4	38.0	57.0





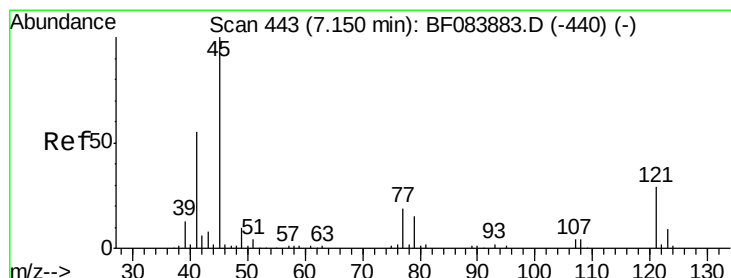
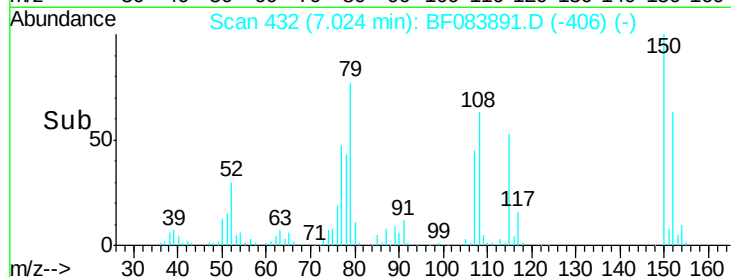
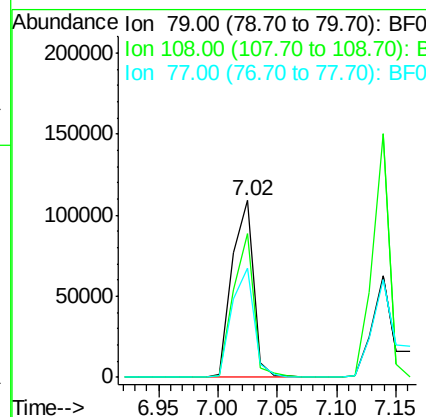
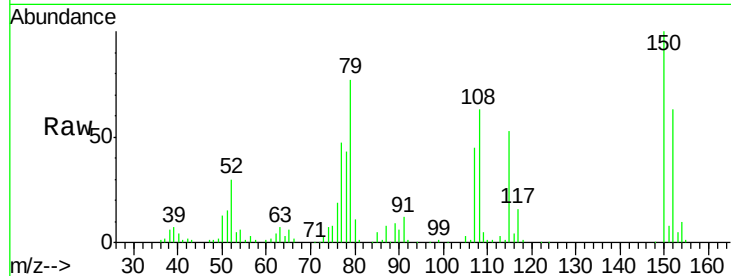
#15
Benzyl Alcohol
Concen: 29.92 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	136947		
108	81.6	69.0	103.4	
77	61.7	50.0	75.0	

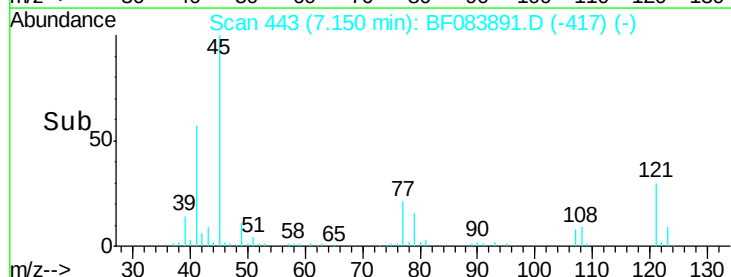
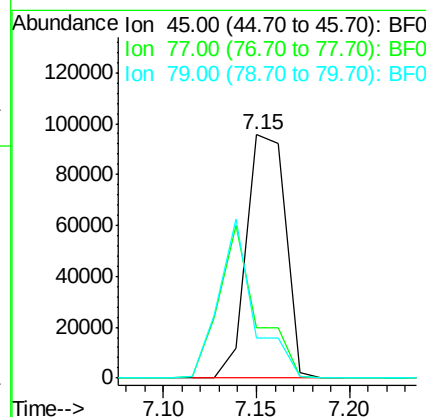
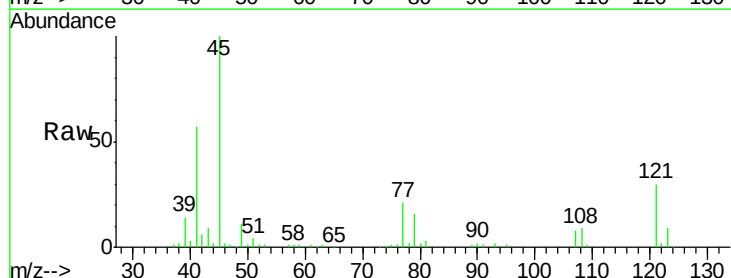
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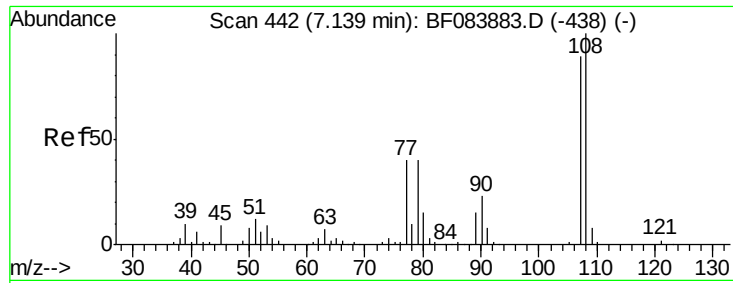
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.19 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	138448		
77	20.9	0.0	39.6	
79	16.5	0.0	35.0	





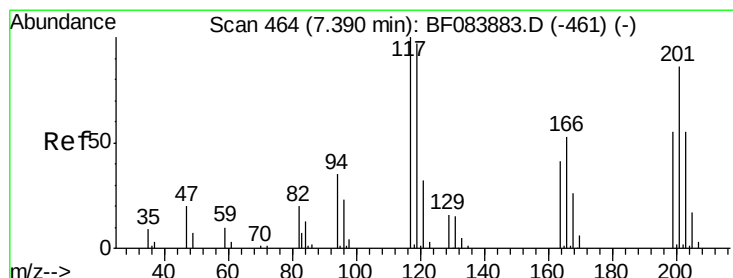
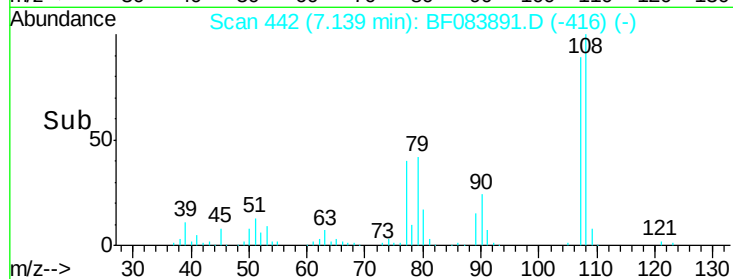
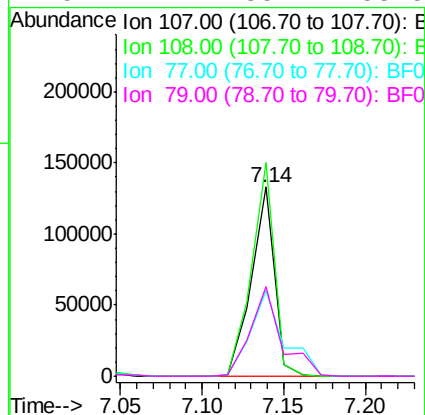
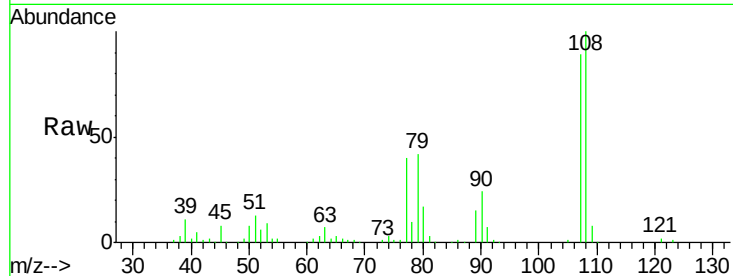
#17
2-Methylphenol
Concen: 28.27 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	130436		
108	112.8	89.8	134.6	
77	45.2	35.7	53.5	
79	47.1	35.7	53.5	

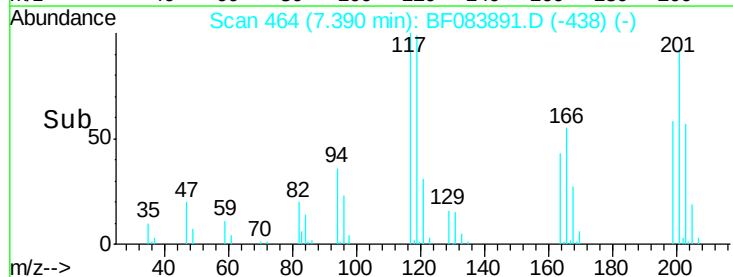
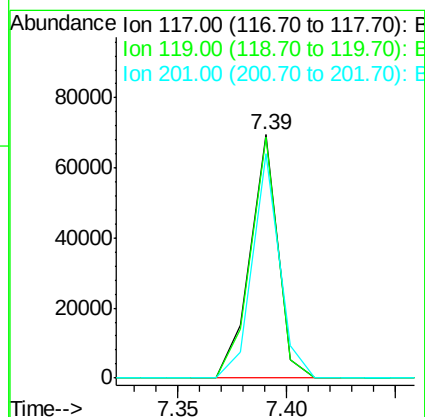
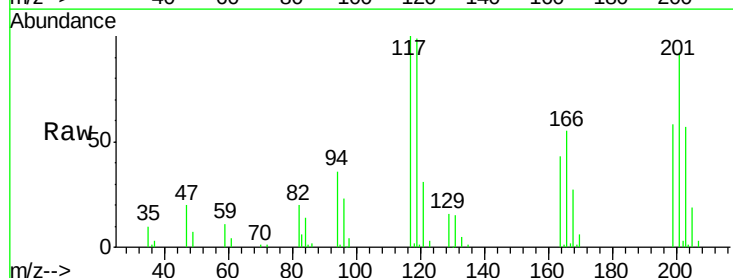
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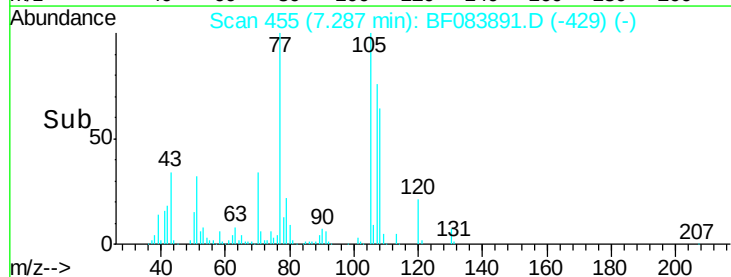
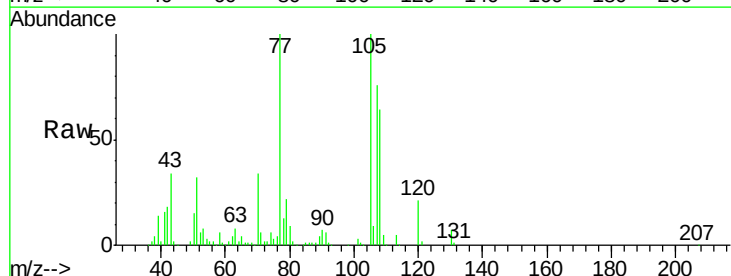
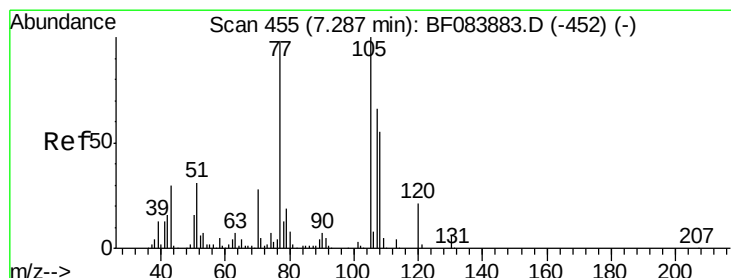
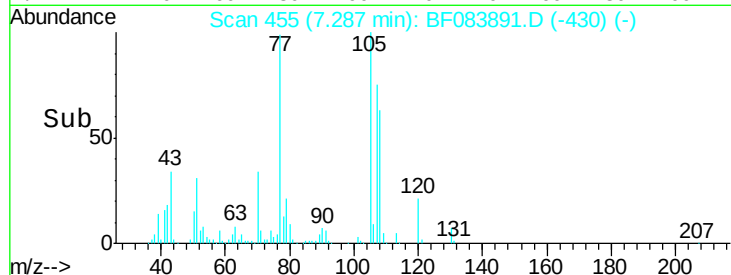
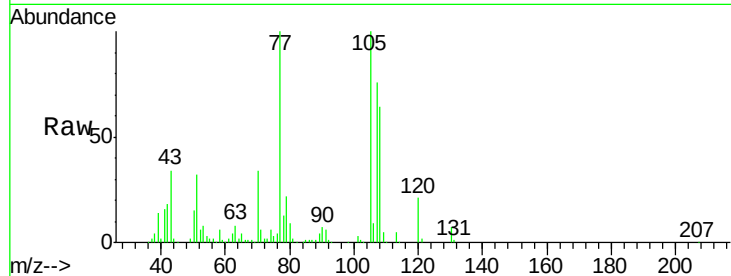
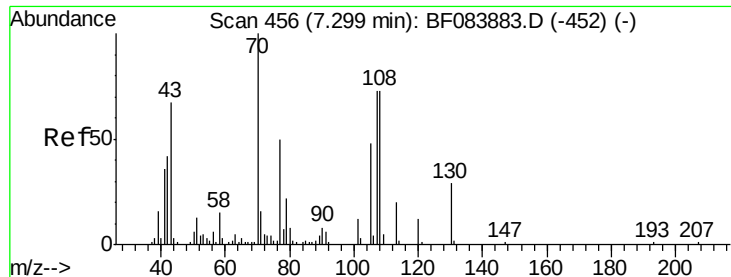
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#18
Hexachloroethane
Concen: 26.02 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61646		
119	99.0	77.4	116.0	
201	92.3	68.6	103.0	





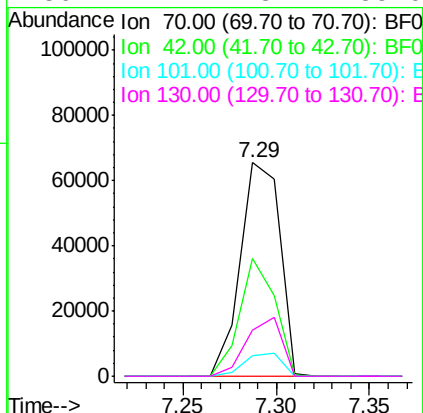
#19
n-Nitroso-di-n-propylamine
Concen: 27.72 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.0	33.3	49.9#
101	9.7	9.3	13.9
130	21.7	23.4	35.0#

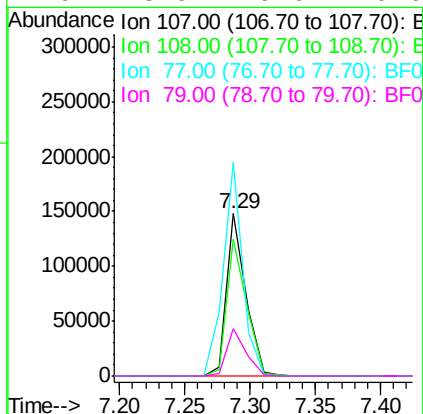
Manual Integrations
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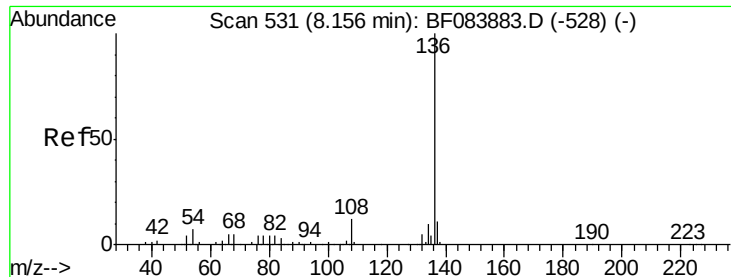
MMdadoda
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#20
3+4-Methylphenols
Concen: 27.84 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	64.1	104.1
77	131.8	128.9	168.9
79	28.9	9.6	49.6





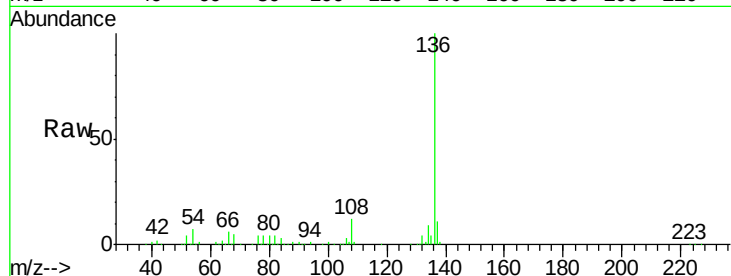
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

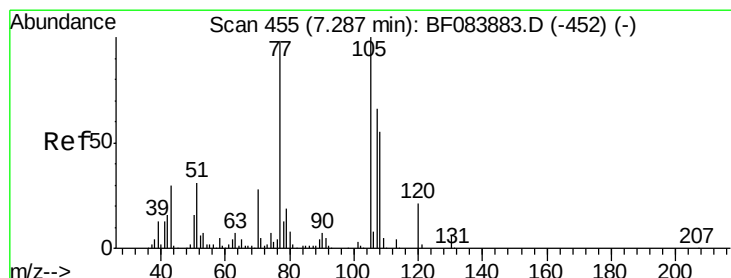
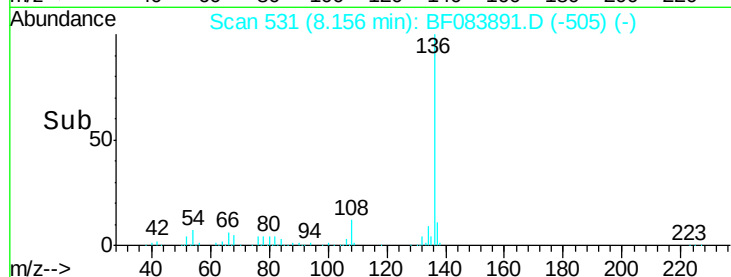
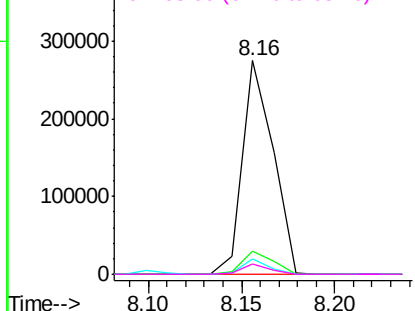
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	311511		
137	11.1	8.7	13.1	
54	7.2	5.8	8.8	
68	5.0	4.2	6.2	

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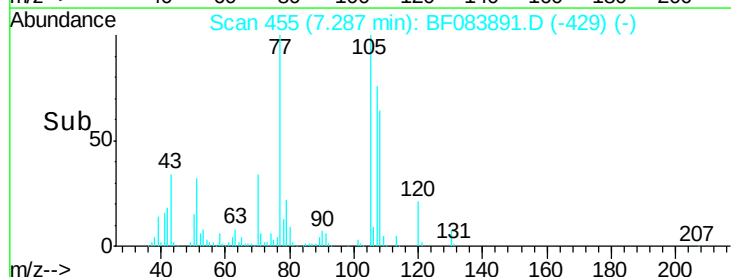
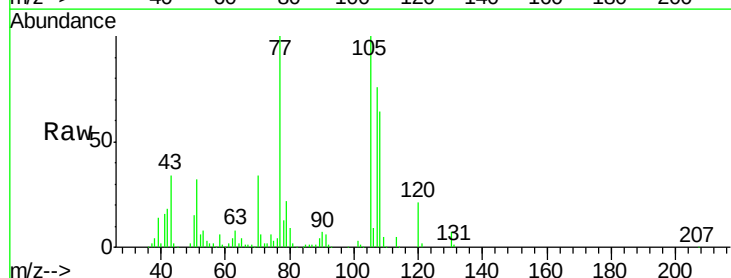
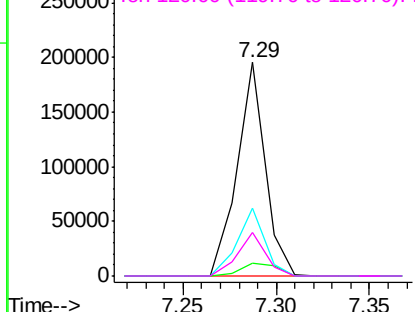
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

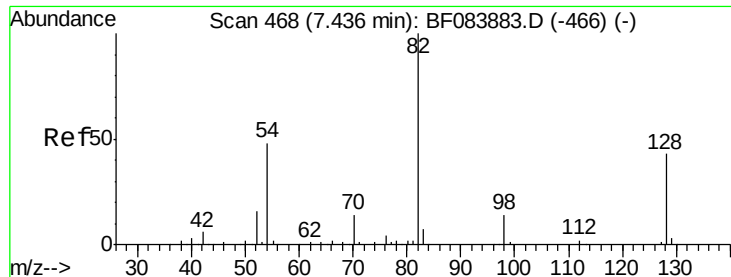


#22
Acetophenone
Concen: 27.43 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205739		
71	5.8	3.7	5.5#	
51	31.6	25.1	37.7	
120	20.7	16.6	25.0	

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





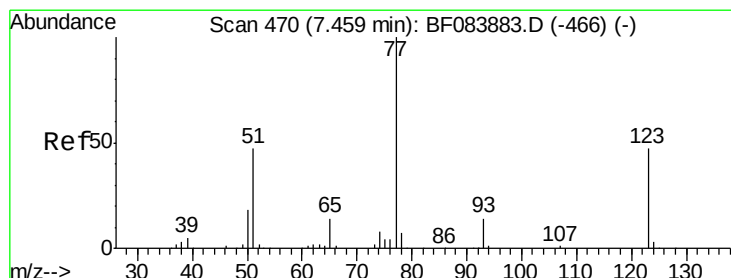
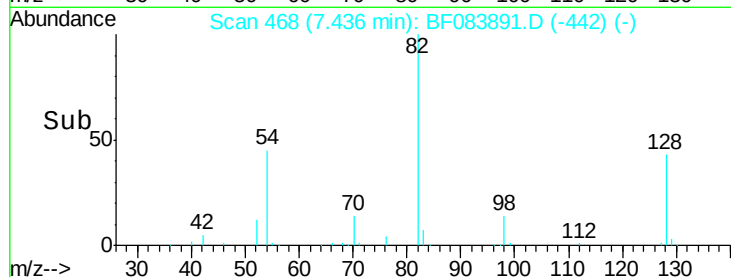
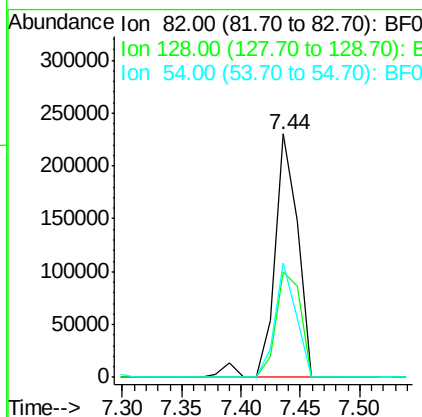
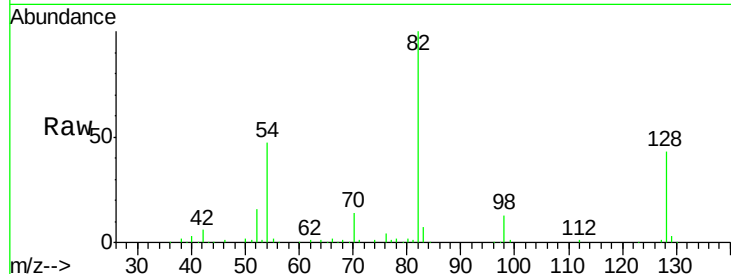
#23
 Nitrobenzene-d5
 Concen: 56.72 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	309576		
128	43.2	34.6	51.8	
54	46.8	38.4	57.6	

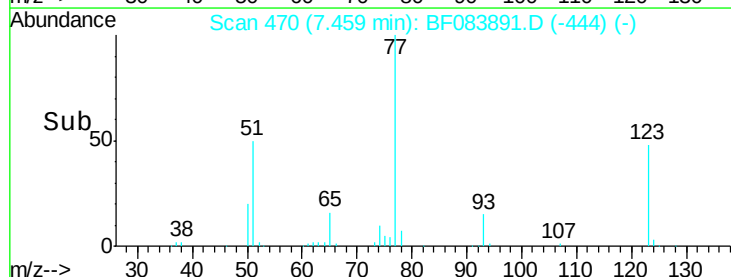
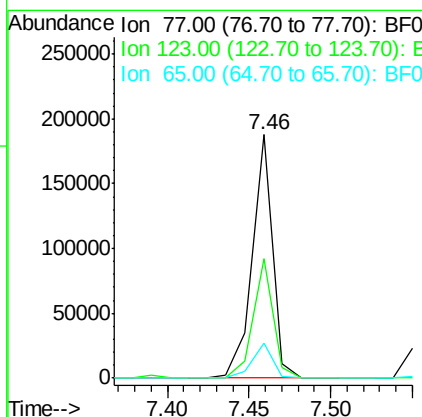
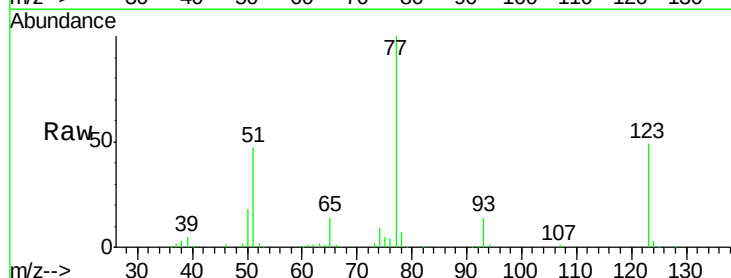
Manual Integrations
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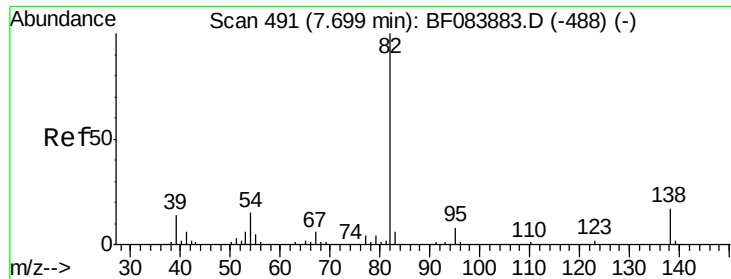
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#24
 Nitrobenzene
 Concen: 28.77 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	162398		
123	49.3	37.4	56.2	
65	14.2	10.9	16.3	





#25

Isophorone

Concen: 26.42 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF083891.D

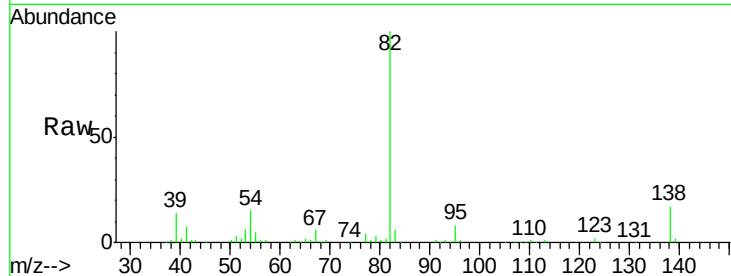
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

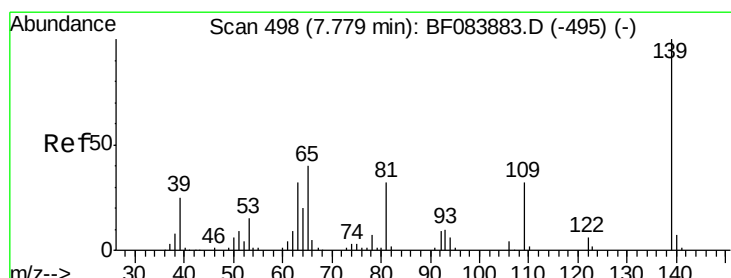
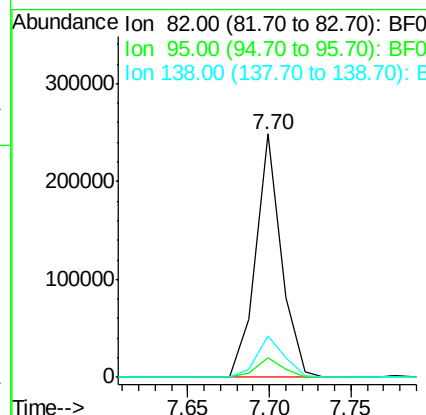
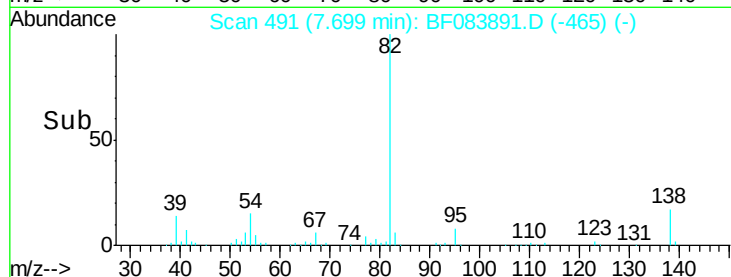
PB87315BS



Tgt Ion:	82	Resp:	271302
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.6	10.0
138	17.2	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.59 ng

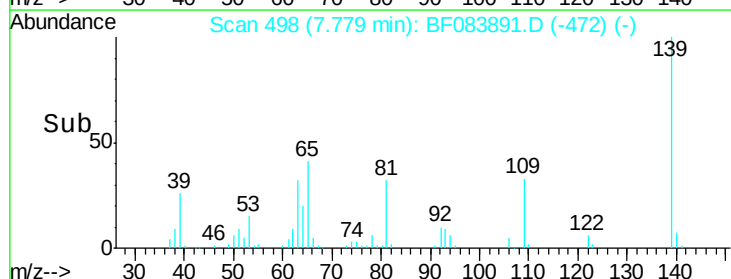
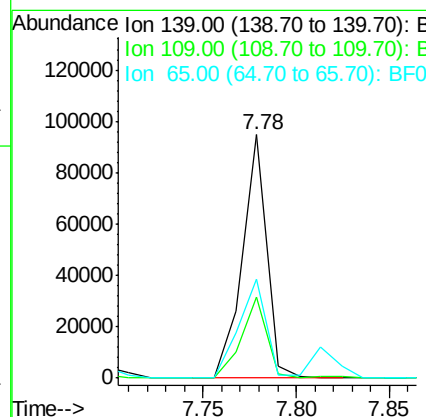
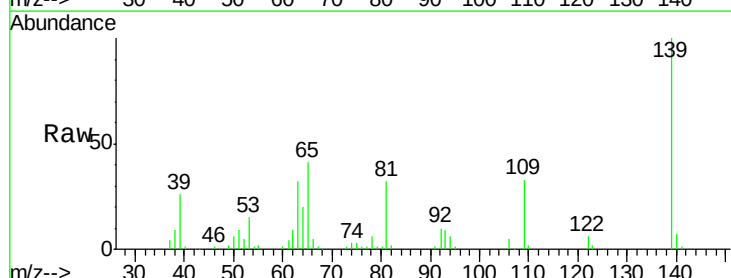
RT: 7.78 min Scan# 498

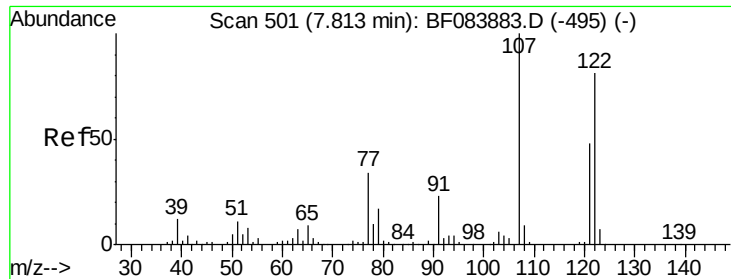
Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion:	139	Resp:	86466
Ion Ratio	Lower	Upper	
139	100		
109	33.4	25.4	38.2
65	40.9	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 27.16 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF083891.D

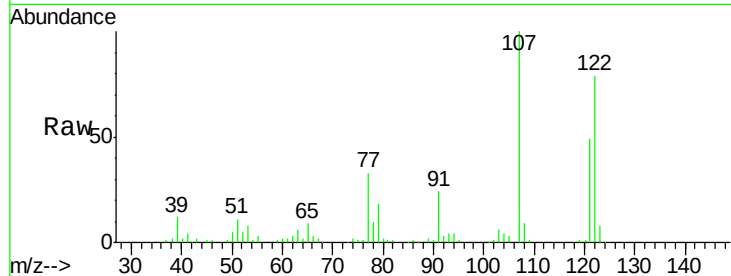
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

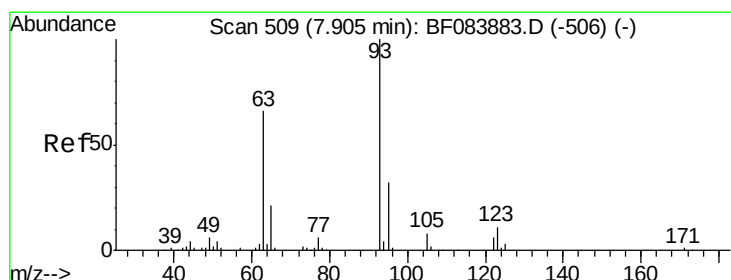
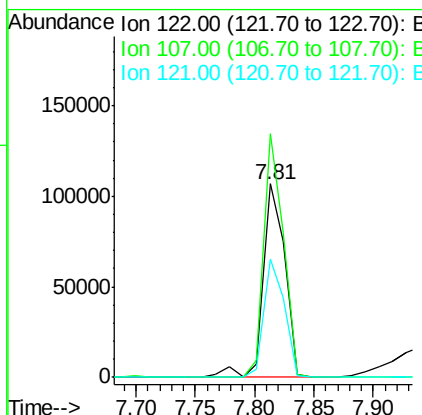
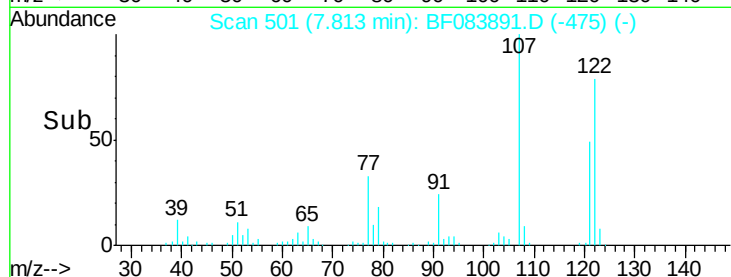
PB87315BS



Tgt Ion:	122	Resp:	136701
Ion Ratio	Lower	Upper	
122	100		
107	126.1	99.1	148.7
121	61.4	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 26.05 ng

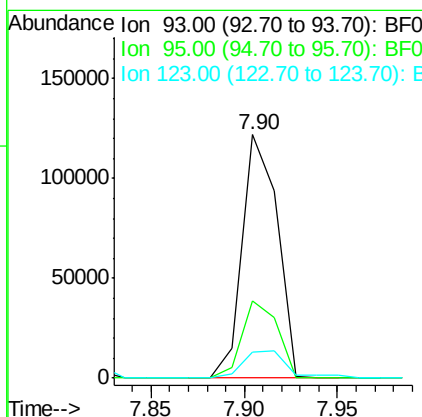
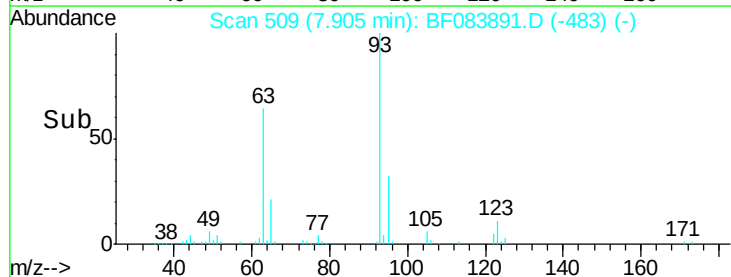
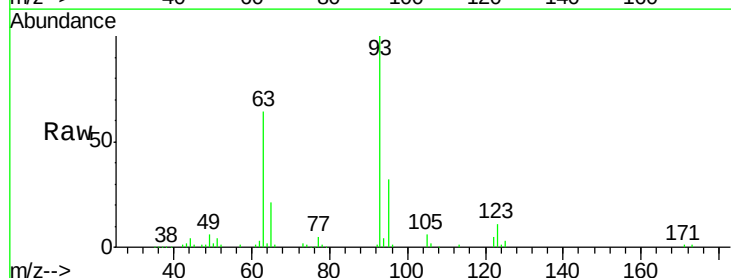
RT: 7.90 min Scan# 509

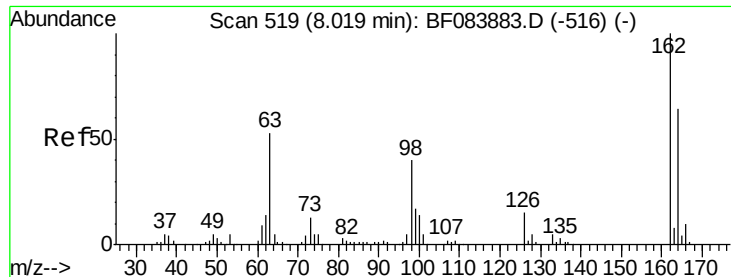
Delta R.T. -0.00 min

Lab File: BF083891.D

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Tgt Ion:	93	Resp:	158246
Ion Ratio	Lower	Upper	
93	100		
95	31.6	25.8	38.6
123	10.6	8.6	12.8





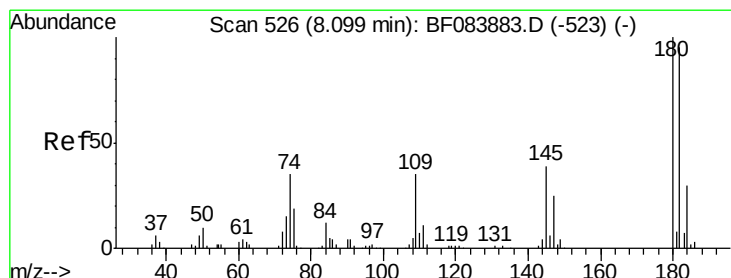
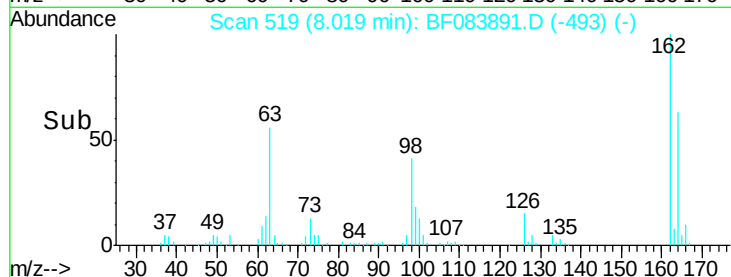
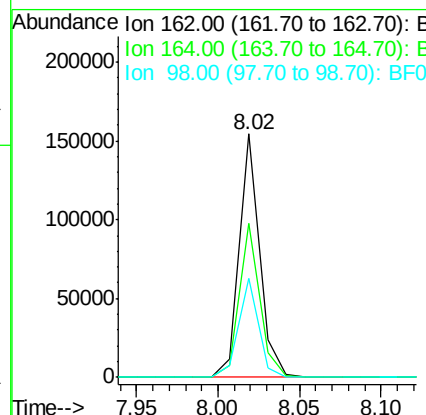
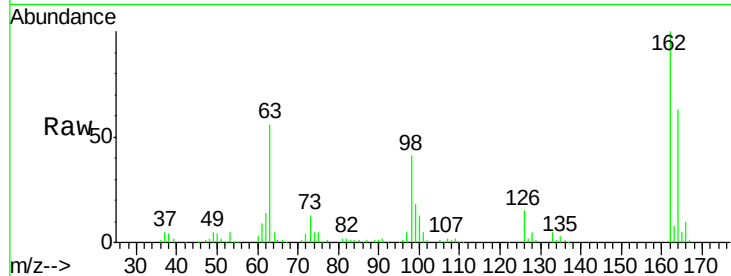
#29
2,4-Dichlorophenol
Concen: 28.79 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	44.1	84.1
98	40.6	20.2	60.2

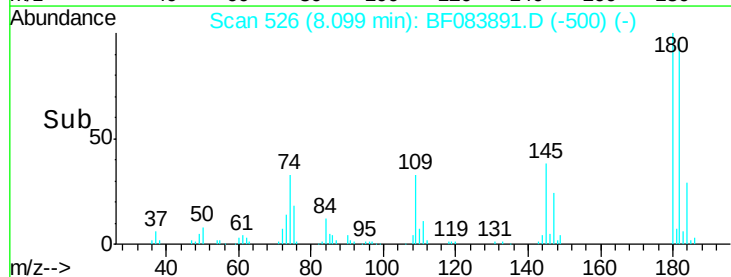
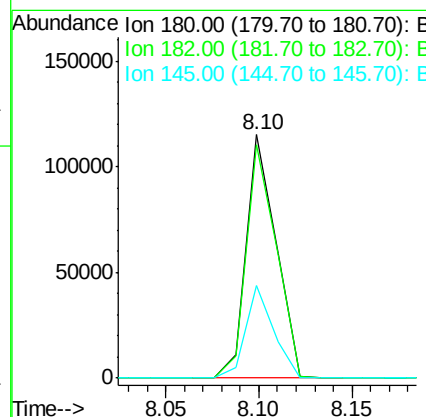
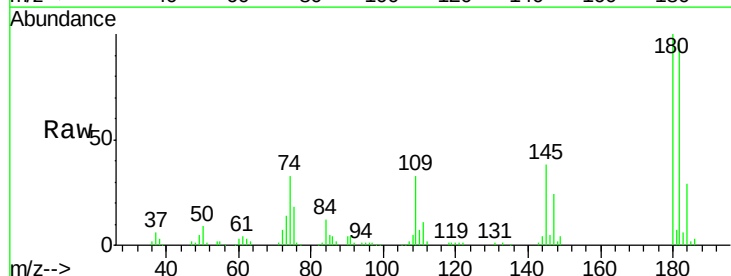
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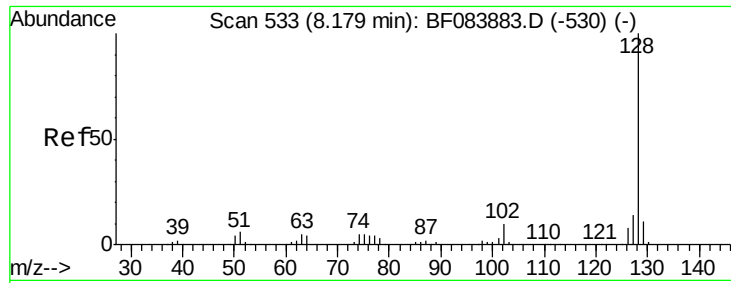
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#30
1,2,4-Trichlorobenzene
Concen: 25.96 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.4	114.6
145	38.1	31.6	47.4





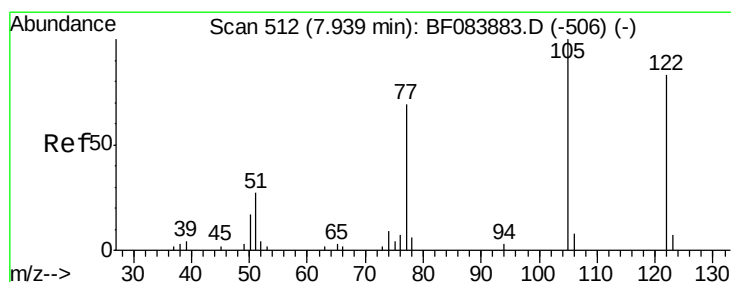
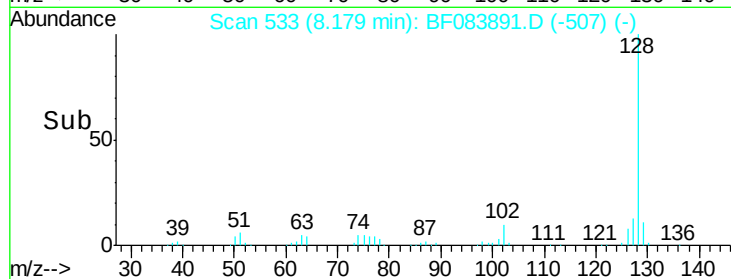
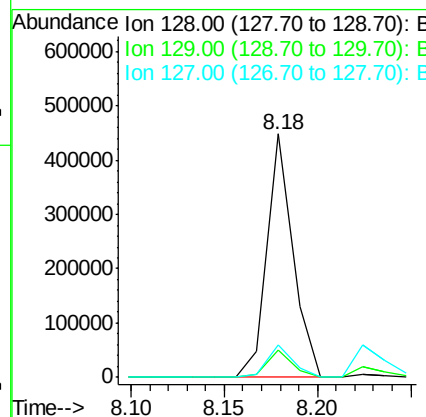
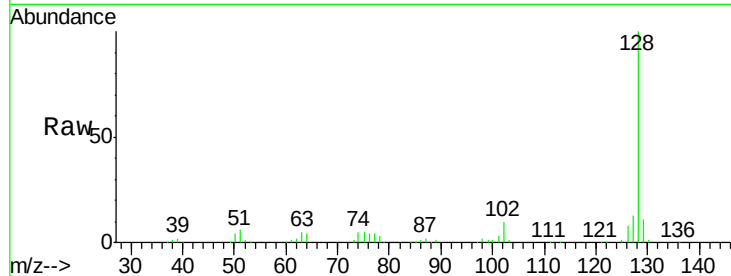
#31
Naphthalene
Concen: 26.60 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.1	13.7
127	13.4	11.1	16.7

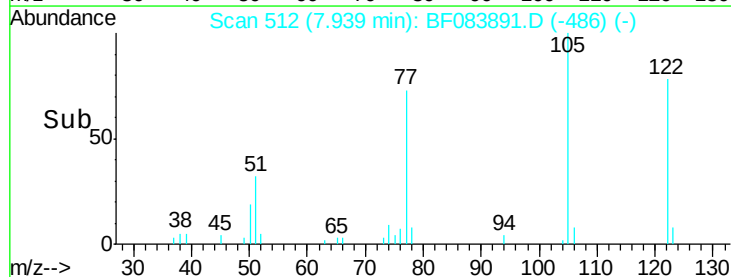
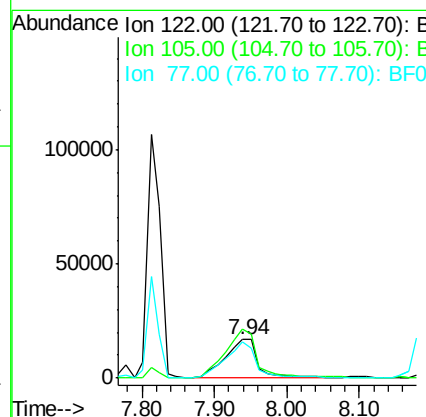
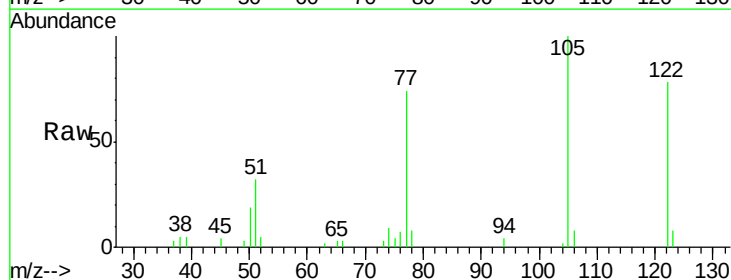
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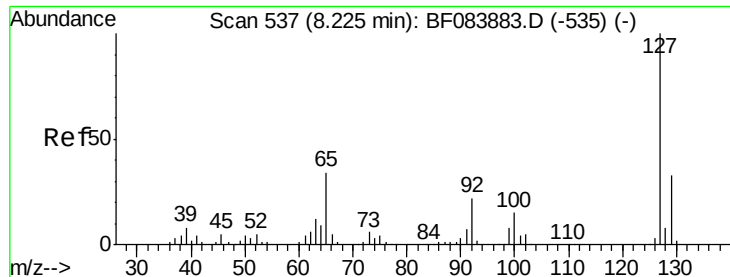
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#32
Benzoic acid
Concen: 33.32 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

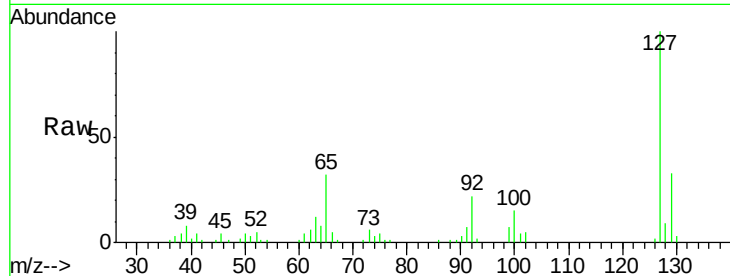
Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.4	100.3	140.3
77	95.2	63.5	103.5





#33
4-Chloroaniline
Concen: 10.85 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

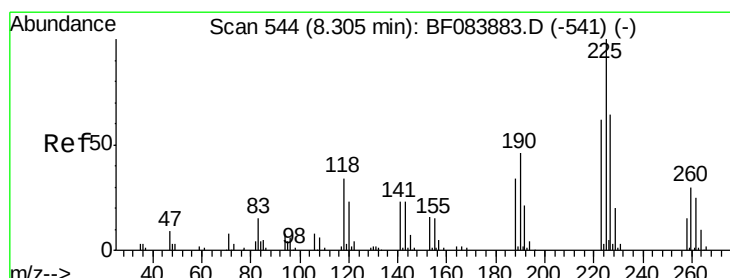
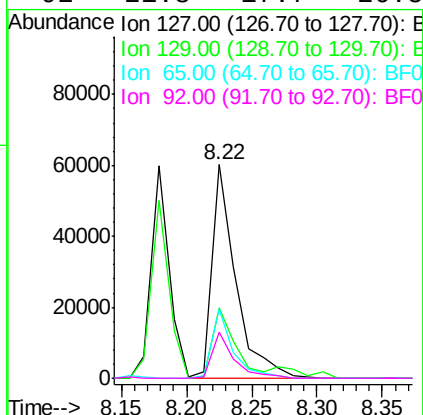
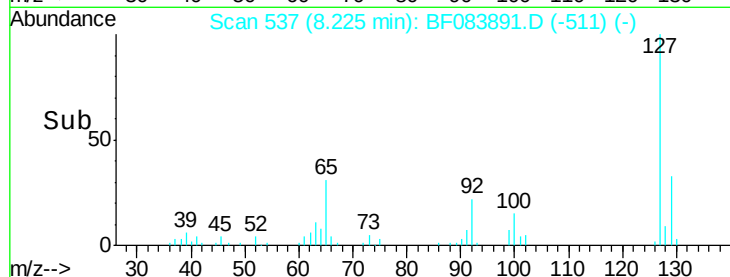
Instrument :
BNA_F
ClientSampleId :
PB87315BS



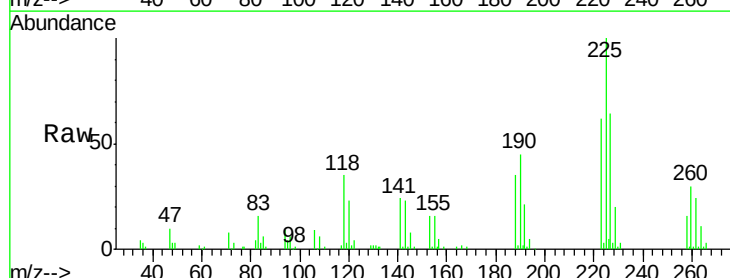
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	76692		
129	32.9	26.5	39.7	
65	32.2	27.2	40.8	
92	21.8	17.7	26.5	

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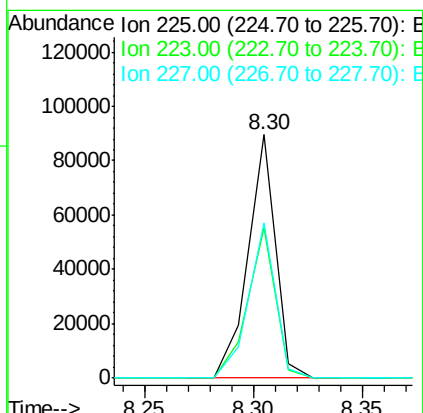
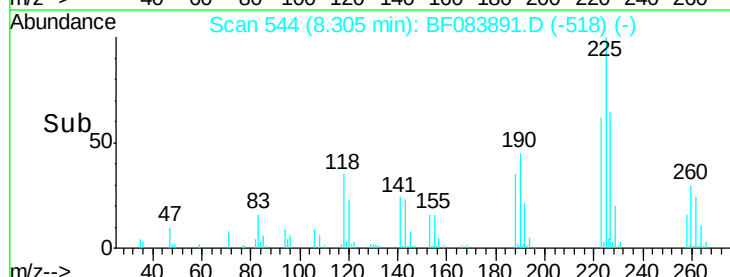
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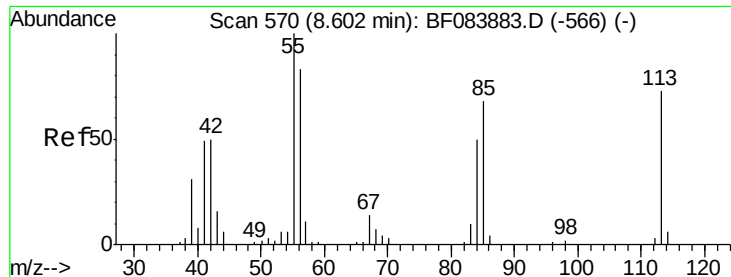


#34
Hexachlorobutadiene
Concen: 25.65 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28



Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78539		
223	61.8	49.4	74.0	
227	64.0	50.8	76.2	





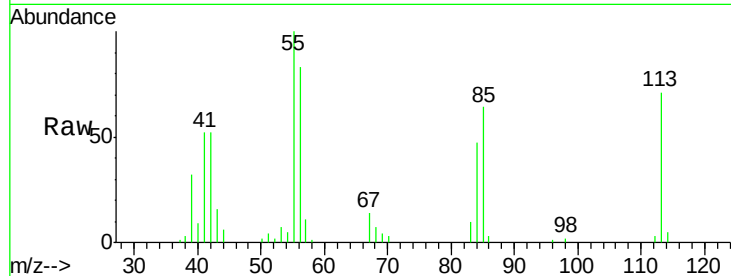
#35
 Caprolactam
 Concen: 27.55 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

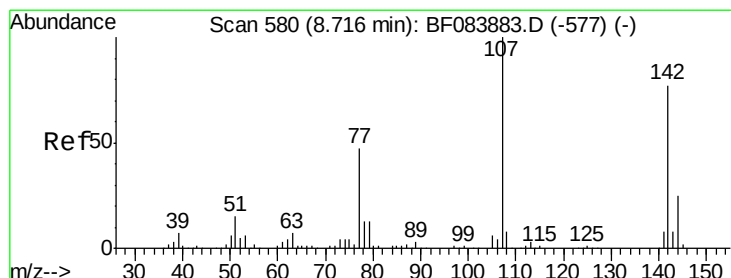
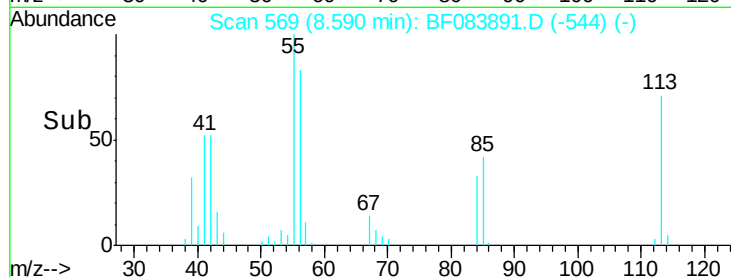
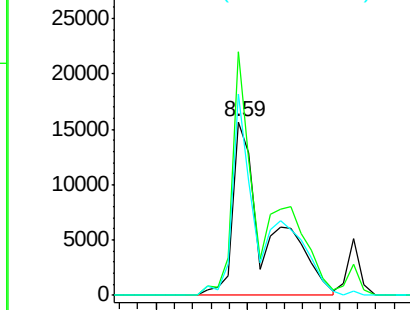
Tgt Ion: 113 Resp: 41559
 Ion Ratio Lower Upper
 113 100
 55 140.3 116.9 156.9
 56 116.3 93.8 133.8

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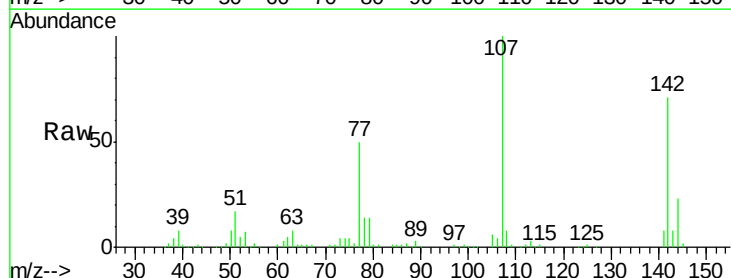


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

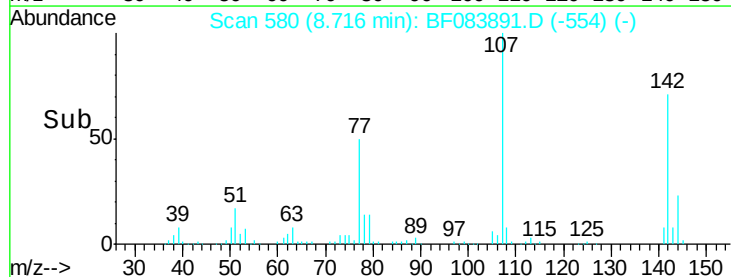
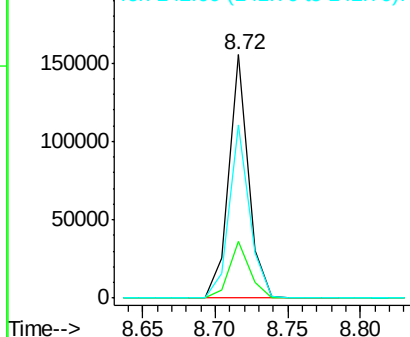


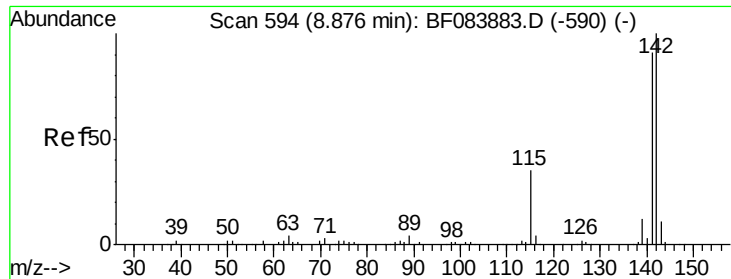
#36
 4-Chloro-3-methylphenol
 Concen: 27.74 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion: 107 Resp: 146439
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 71.0 61.8 92.6



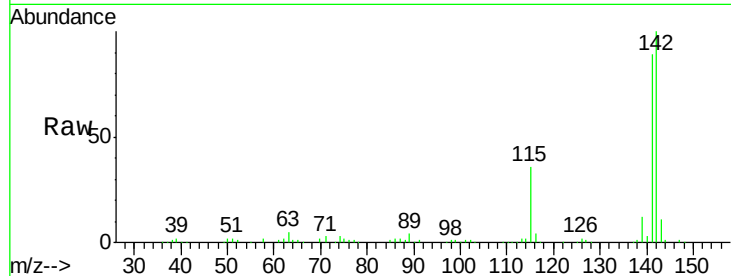
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37
 2-Methylnaphthalene
 Concen: 29.25 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

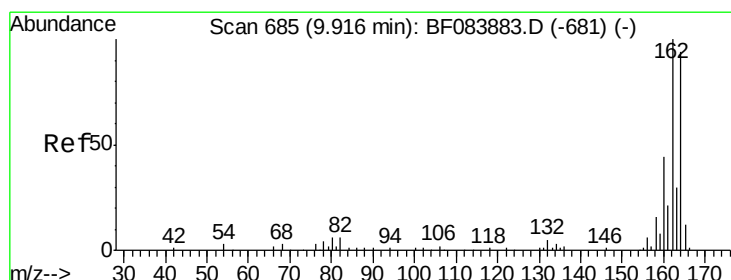
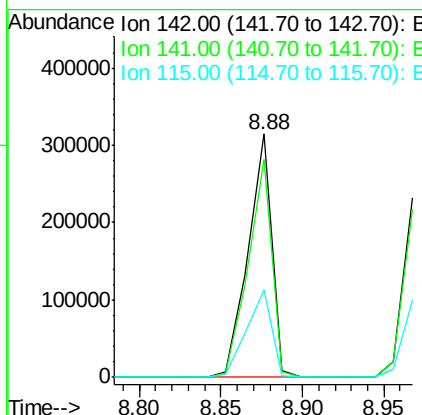
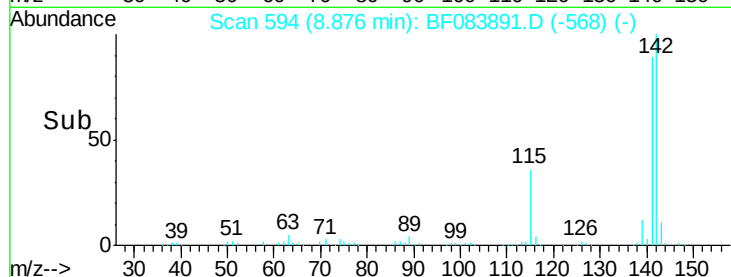
Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS



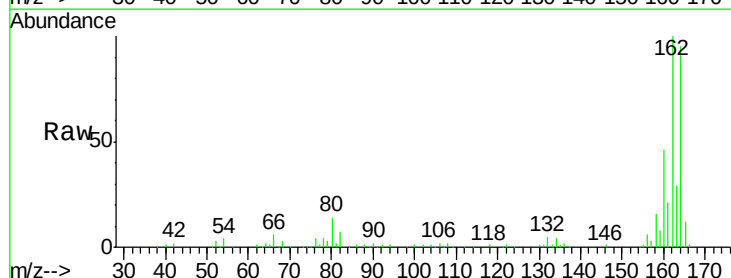
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	316656		
141	89.5	72.4	108.6	
115	36.1	27.9	41.9	

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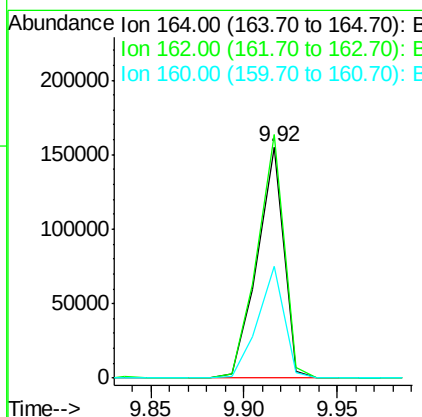
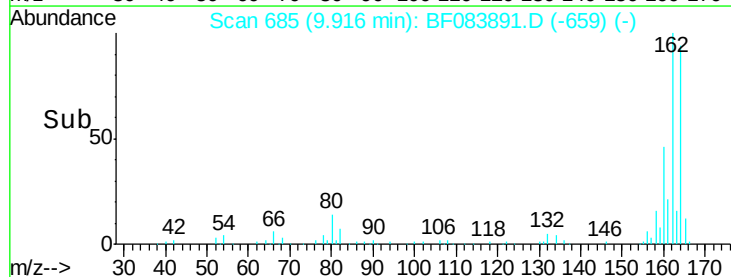
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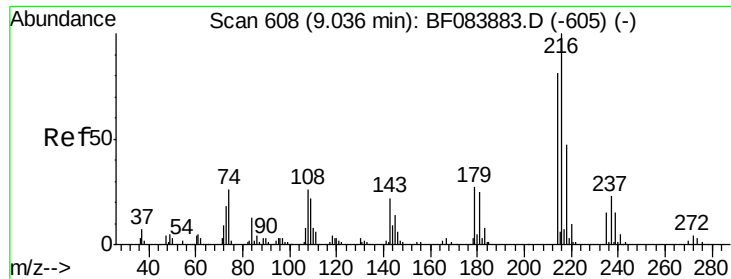


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152615		
162	105.3	85.1	127.7	
160	48.4	37.5	56.3	





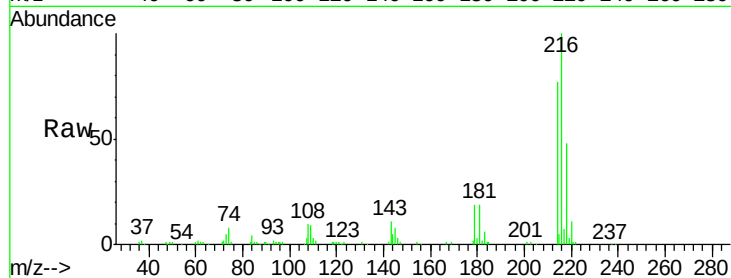
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.27 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

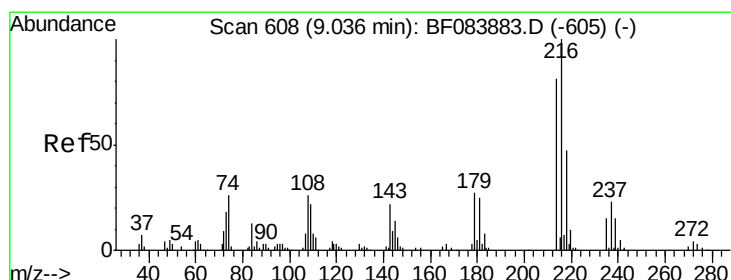
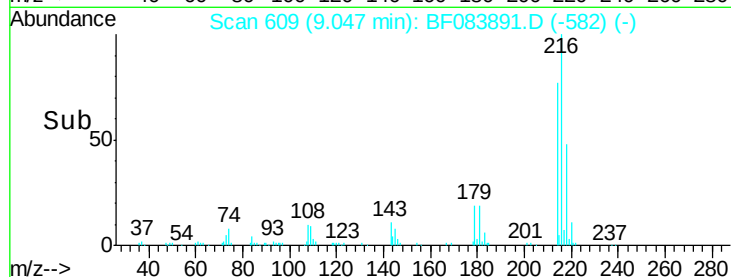
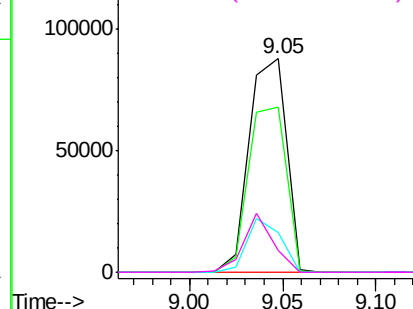
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	121589		
214	79.6	64.2	96.2	
179	22.9	18.7	28.1	
108	22.1	16.8	25.2	

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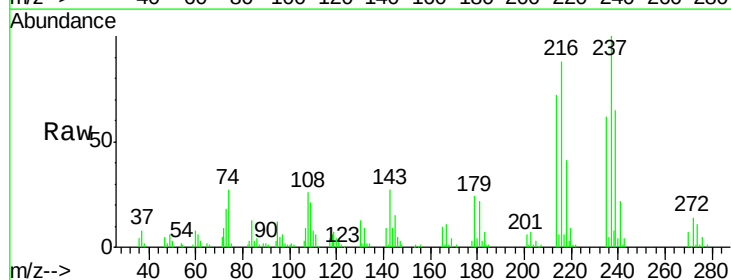


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

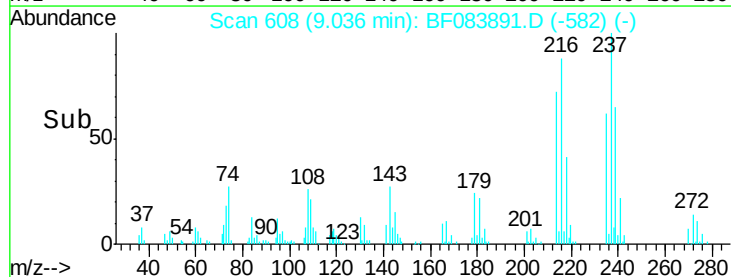
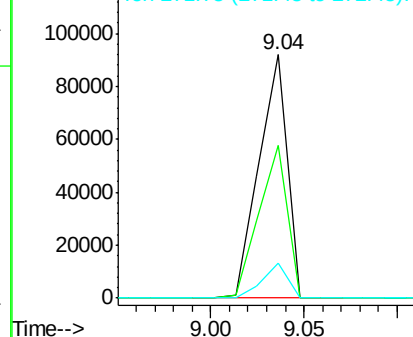


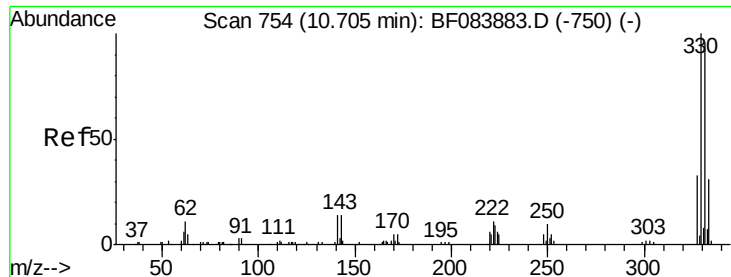
#40
 Hexachlorocyclopentadiene
 Concen: 63.49 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	96060		
235	62.5	43.1	83.1	
272	14.3	0.0	35.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 87.60 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

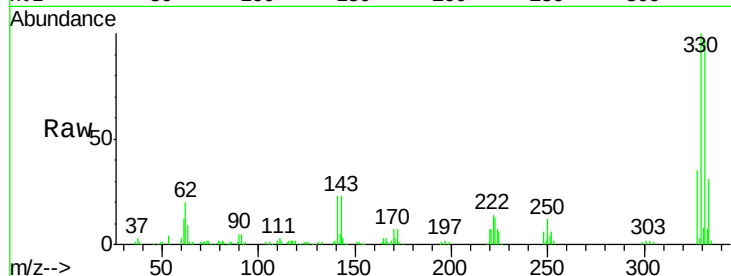
ClientSampleId :

PB87315BS

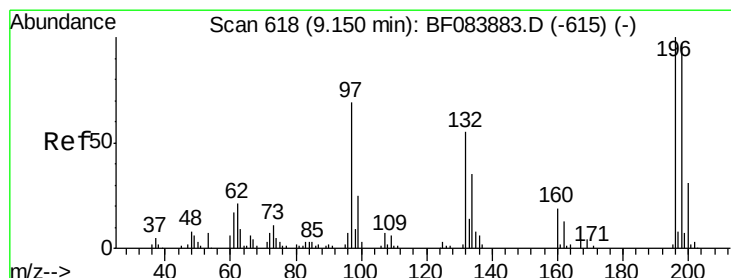
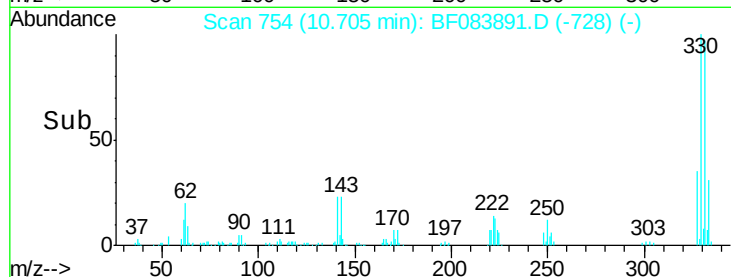
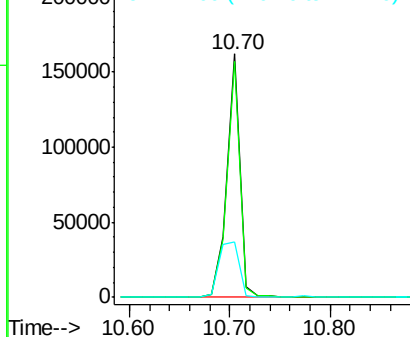
Tgt Ion:	330	Resp:	147274
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	114.8
141	35.4	27.8	41.6

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



#42

2,4,6-Trichlorophenol

Concen: 25.94 ng

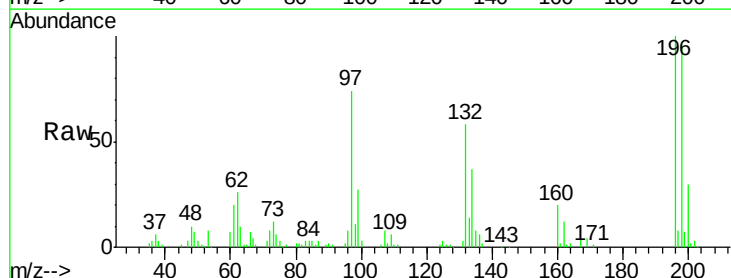
RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

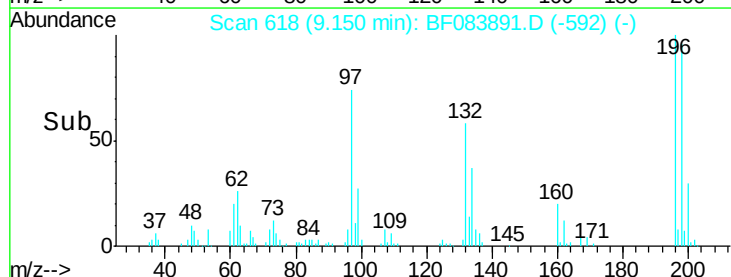
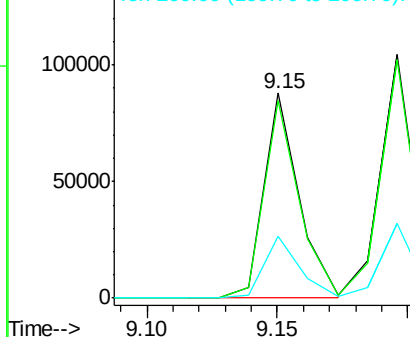
Lab File: BF083891.D

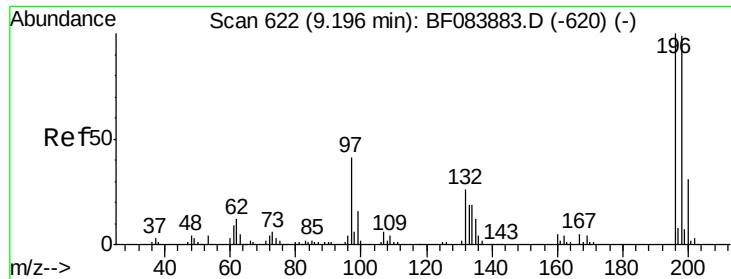
Acq: 18 Dec 2015 2:28

Tgt Ion:	196	Resp:	82413
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.7	116.5
200	30.4	24.6	37.0



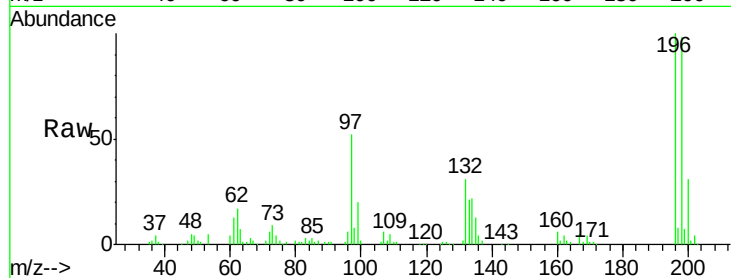
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 29.28 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

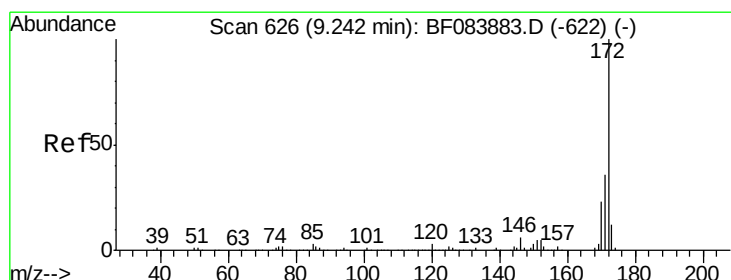
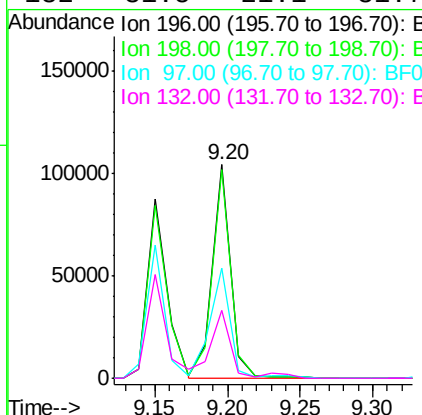
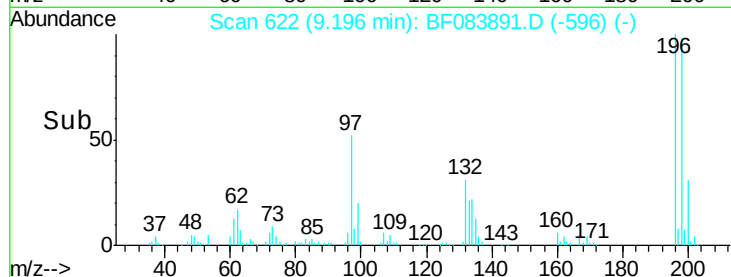
Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92061		
198	97.9	79.0	118.6	
97	51.8	33.0	49.6	
132	31.5	21.1	31.7	

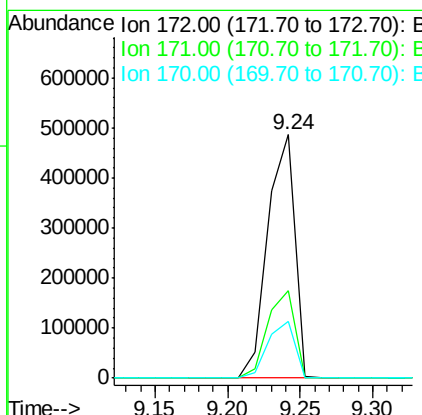
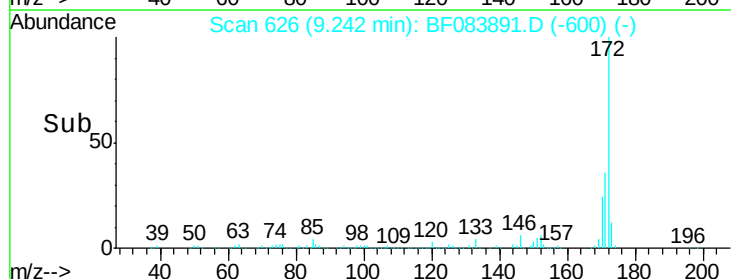
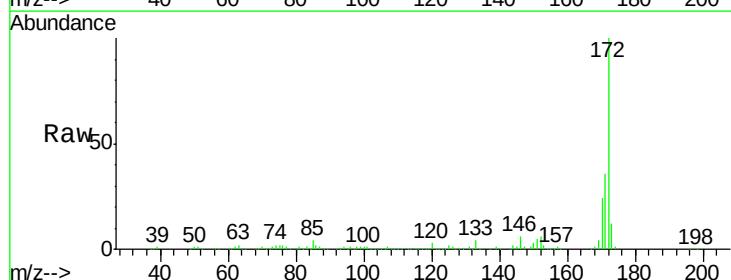
Manual Integrations
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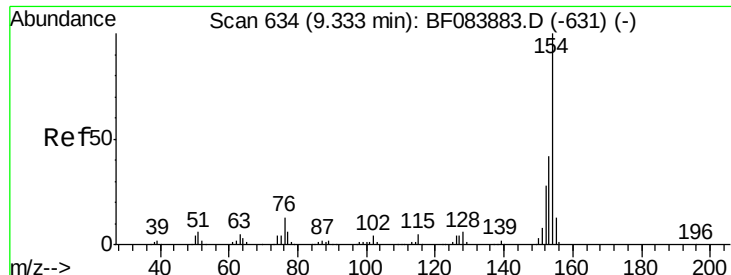
MMdadoda
 12/18/2015 6:21:46 PM



#44
 2-Fluorobiphenyl
 Concen: 54.65 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	628762		
171	35.7	28.9	43.3	
170	23.5	18.6	27.8	





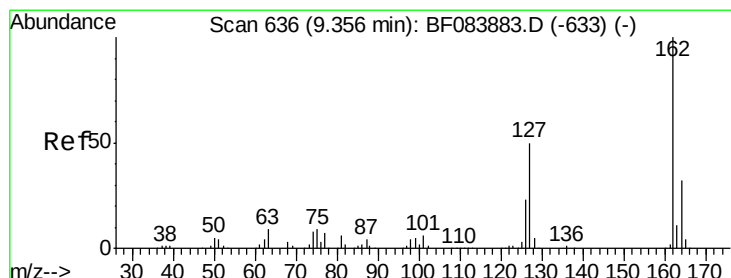
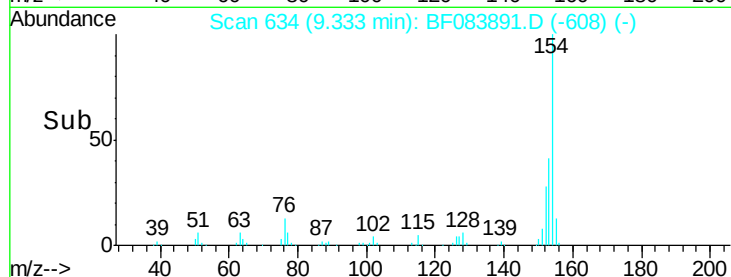
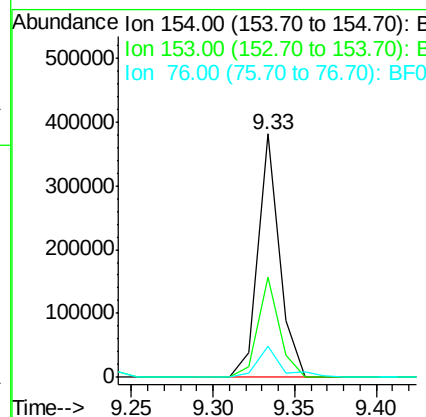
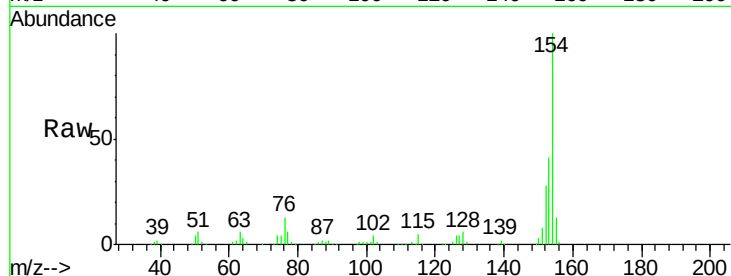
#45
 1,1'-Biphenyl
 Concen: 26.65 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.2	21.6	61.6
76	12.6	0.0	32.7

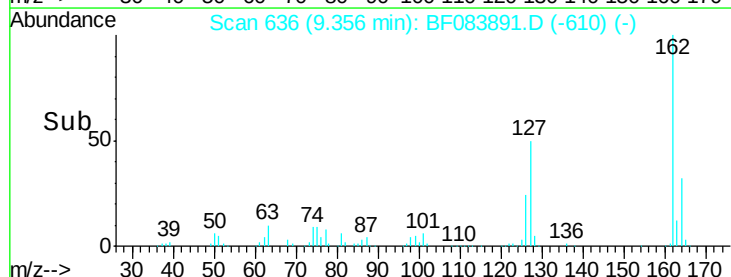
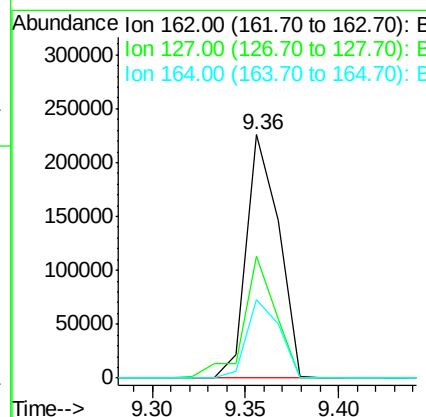
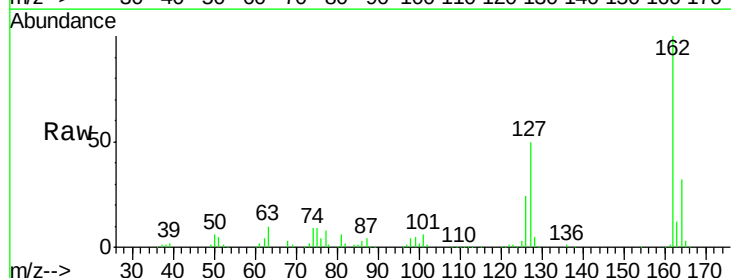
Manual Integrations
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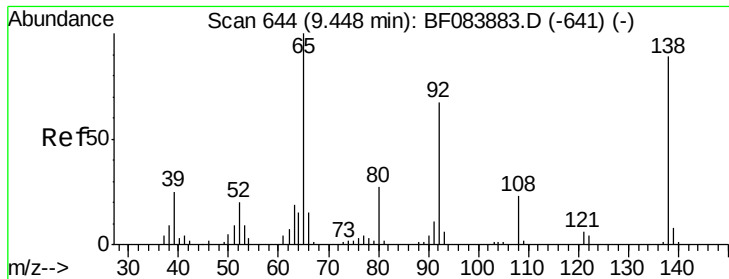
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#46
 2-Chloronaphthalene
 Concen: 26.34 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	50.0	40.2	60.4
164	32.4	25.7	38.5





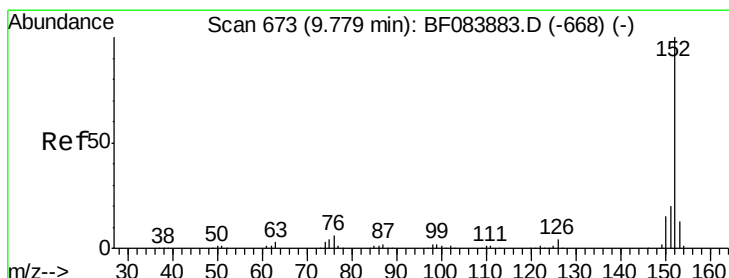
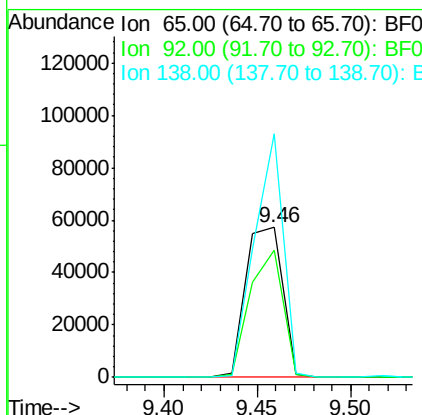
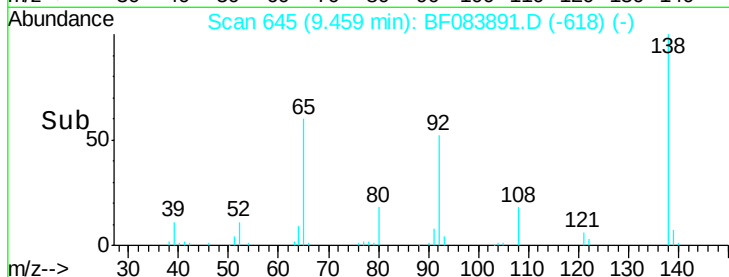
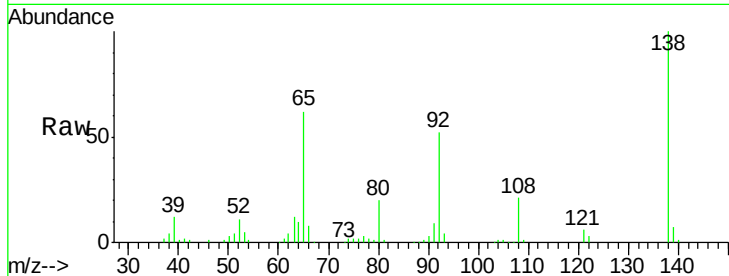
#47
 2-Nitroaniline
 Concen: 26.11 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Manual Integrations
 APPROVED

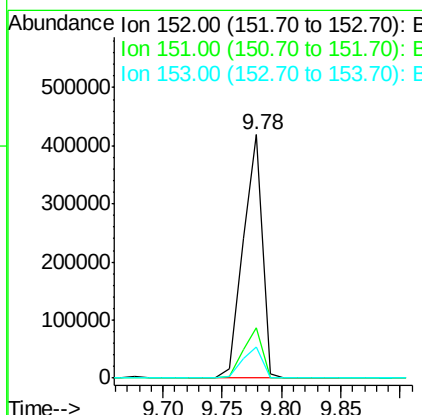
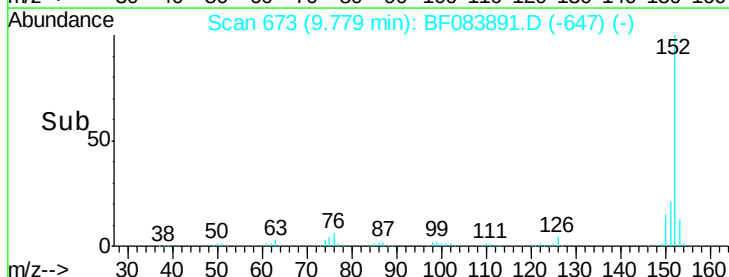
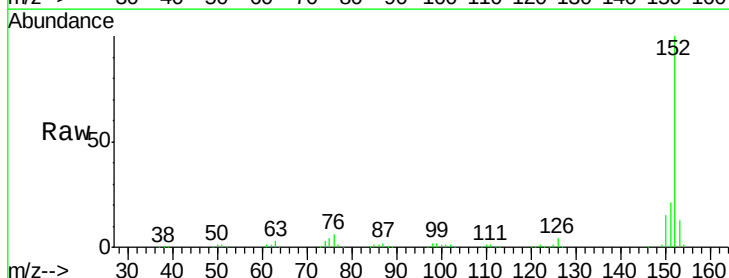
MMdadoda
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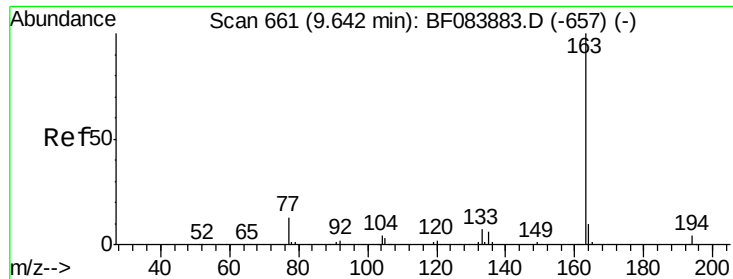
Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.6	53.4	80.2
138	162.5	71.1	106.7



#48
 Acenaphthylene
 Concen: 26.37 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	12.8	10.4	15.6





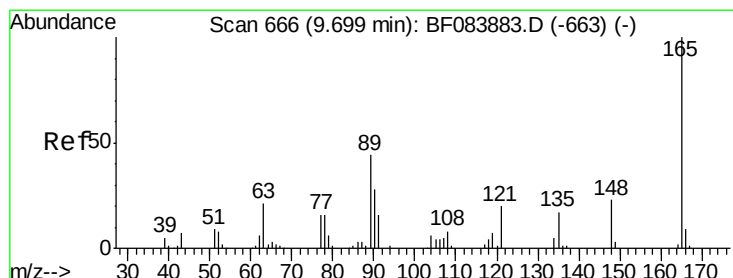
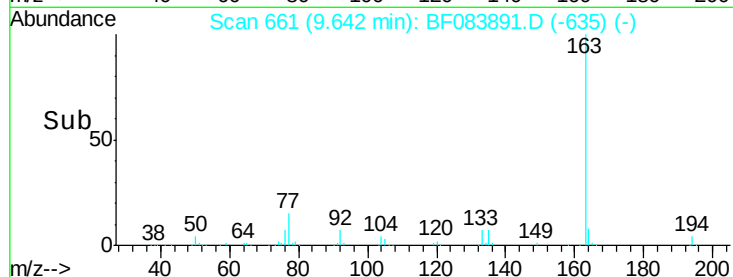
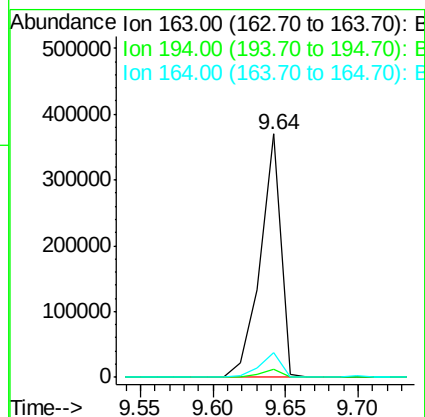
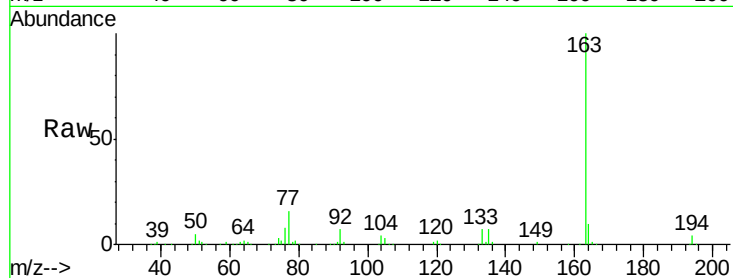
#49
Dimethylphthalate
Concen: 28.49 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.6
164	10.1	7.9	11.9

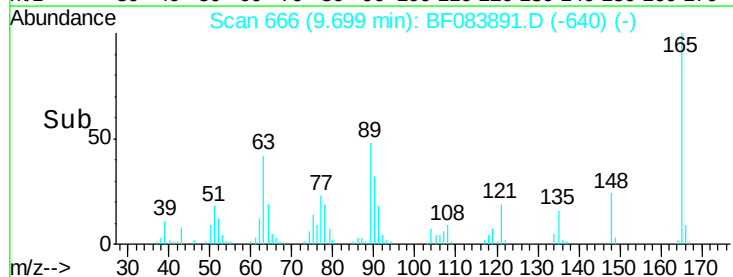
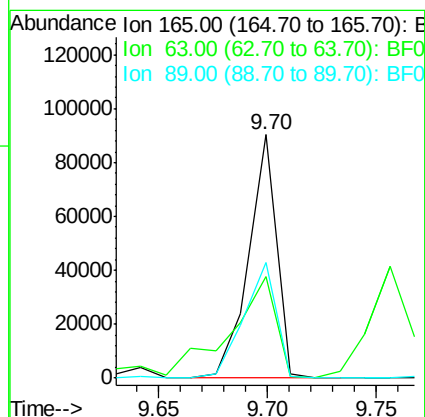
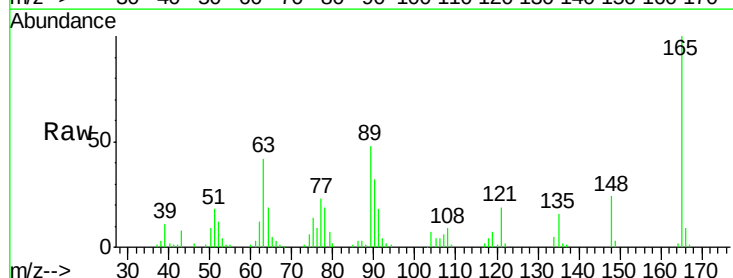
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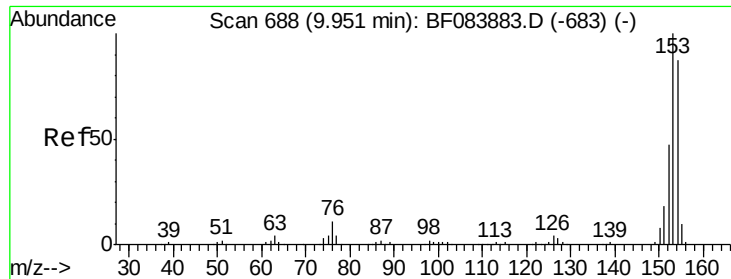
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#50
2,6-Dinitrotoluene
Concen: 28.96 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.6	28.8	43.2
89	47.6	35.1	52.7





#51

Acenaphthene

Concen: 28.63 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF083891.D

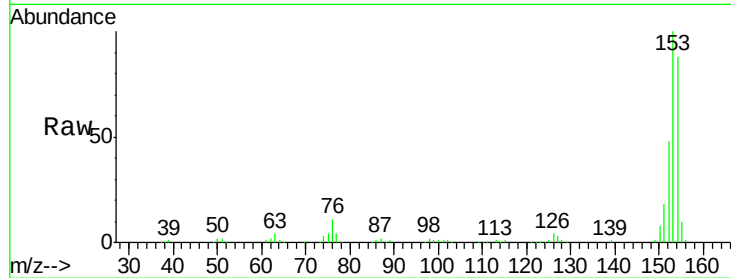
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

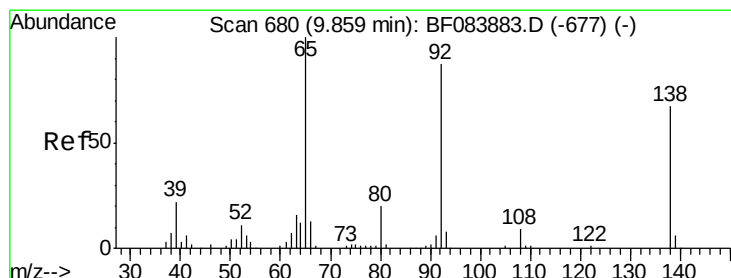
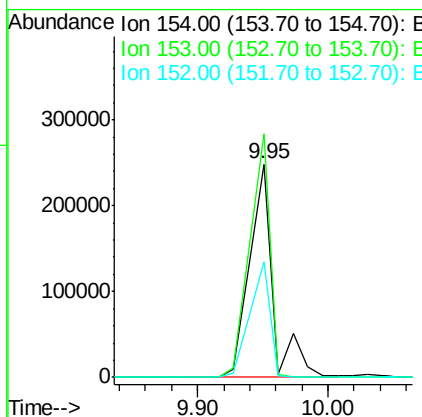
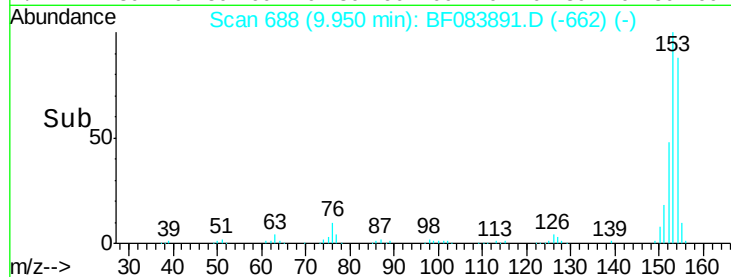
PB87315BS



Tgt Ion:	154	Resp:	313155
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.5	137.3
152	54.4	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

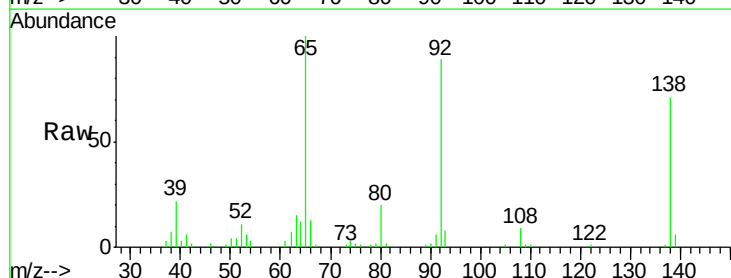
Concen: 15.77 ng

RT: 9.86 min Scan# 680

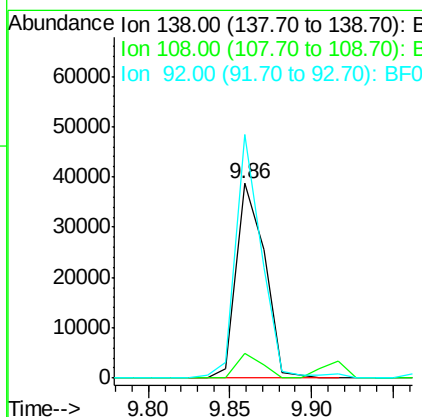
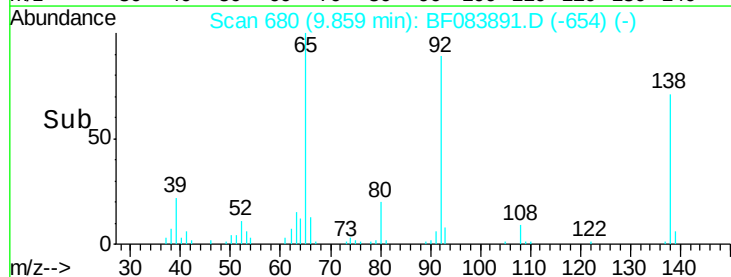
Delta R.T. -0.00 min

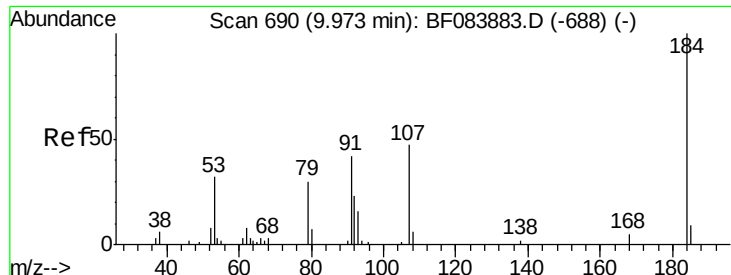
Lab File: BF083891.D

Acq: 18 Dec 2015 2:28



Tgt Ion:	138	Resp:	46428
Ion Ratio	Lower	Upper	
138	100		
108	12.4	10.5	15.7
92	125.1	103.9	155.9





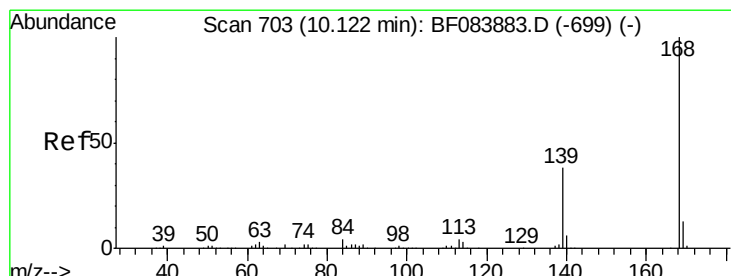
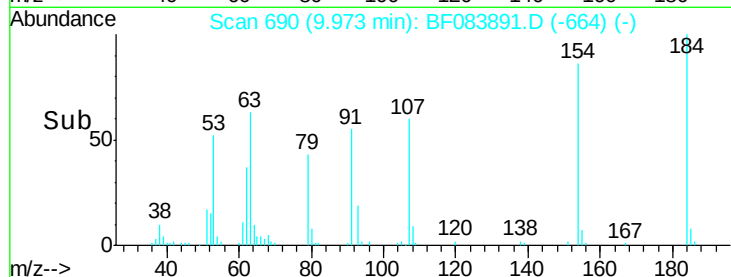
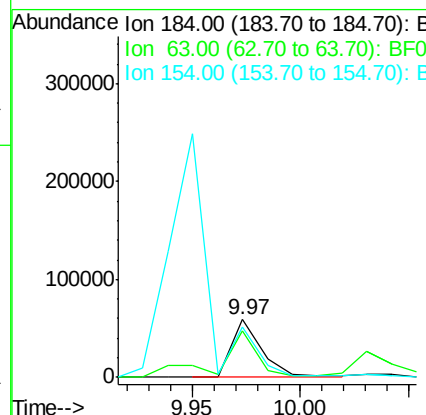
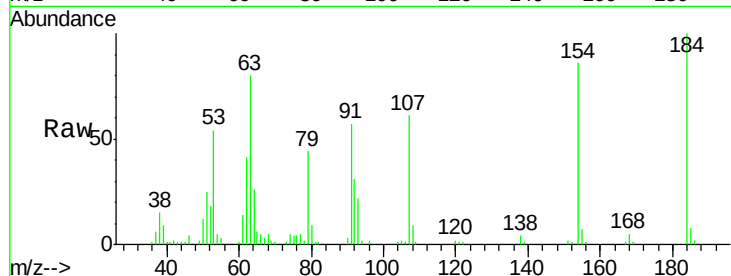
#53
 2,4-Dinitrophenol
 Concen: 60.09 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	57325		
63	80.5	43.1	64.7#	
154	86.4	60.5	90.7	

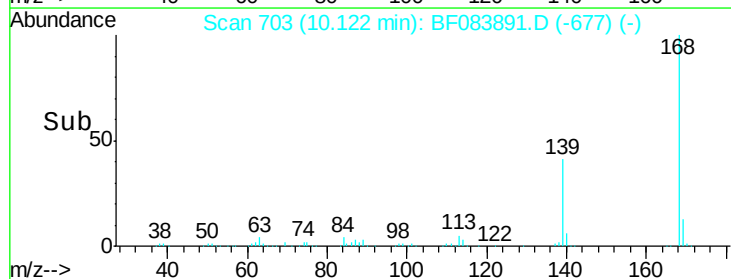
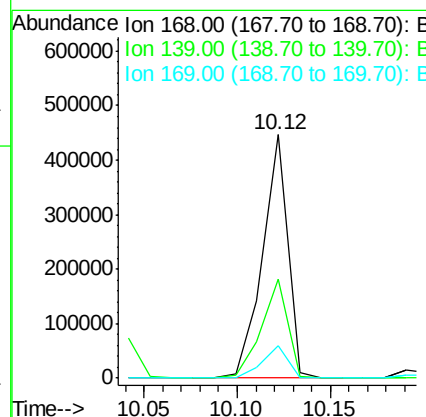
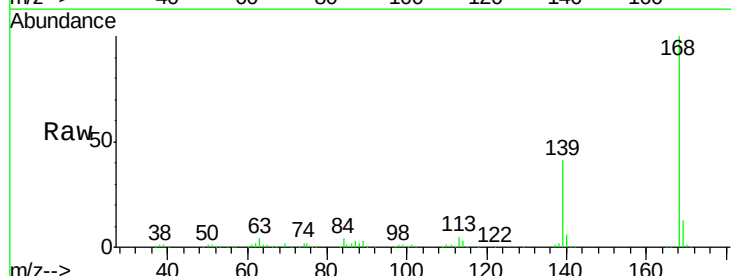
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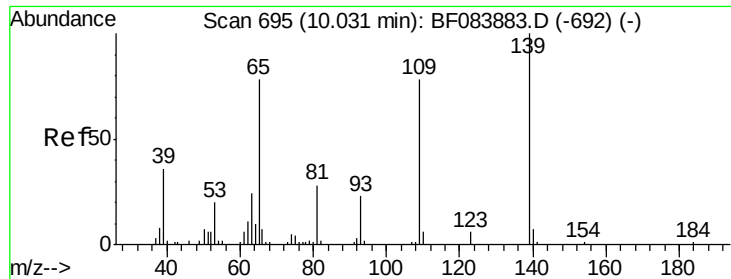
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#54
 Dibenzofuran
 Concen: 29.28 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	415961		
139	40.9	30.5	45.7	
169	13.3	10.4	15.6	





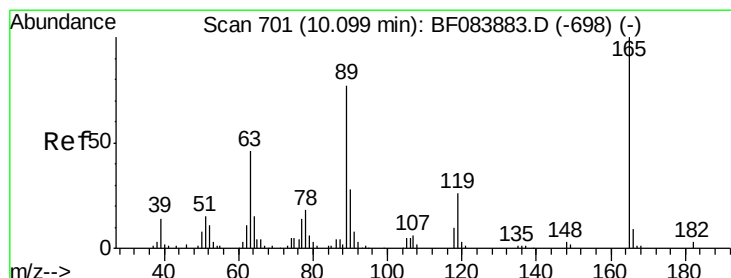
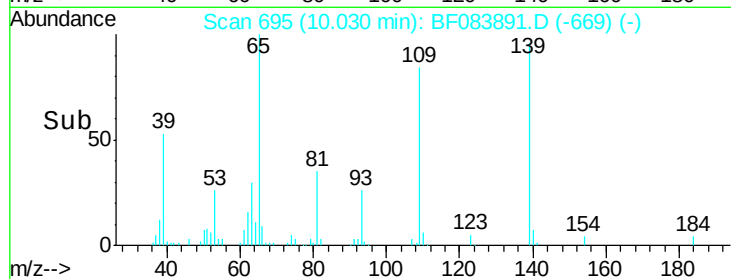
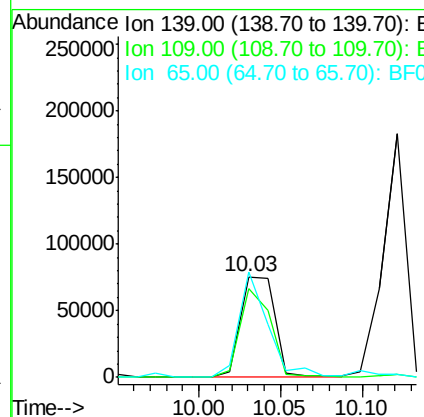
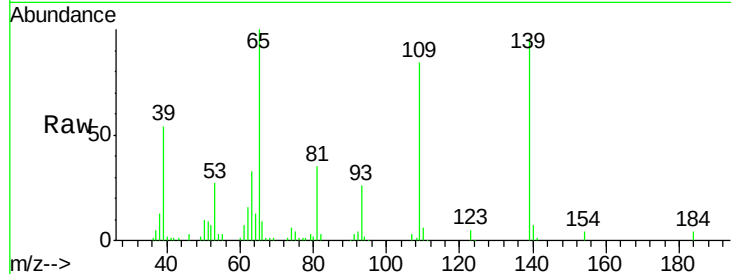
#55
4-Nitrophenol
Concen: 60.25 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampled :
PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110751		
109	87.4	58.5	98.5	
65	104.5	57.6	97.6	

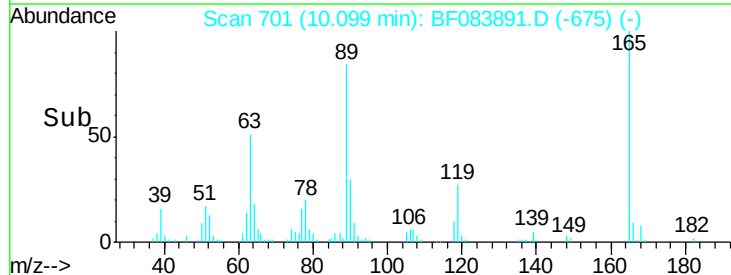
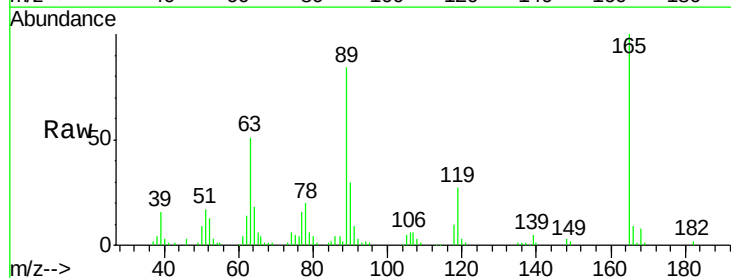
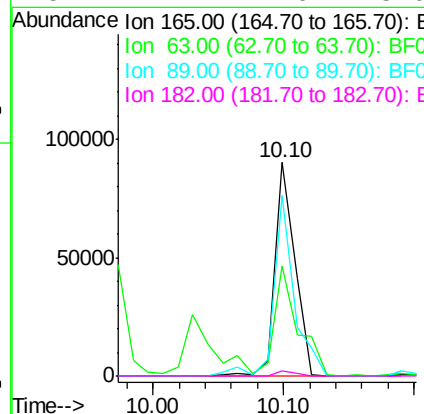
Manual Integrations
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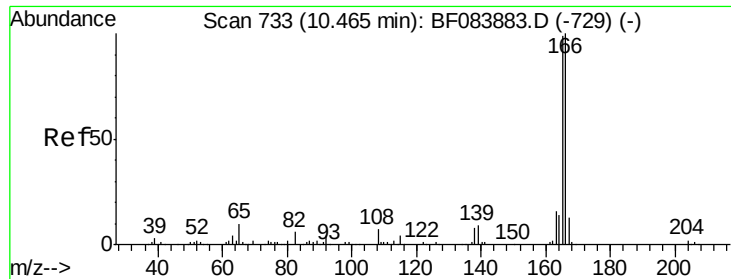
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#56
2,4-Dinitrotoluene
Concen: 26.84 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	96093		
63	51.3	36.7	55.1	
89	84.3	61.9	92.9	
182	2.4	2.0	3.0	





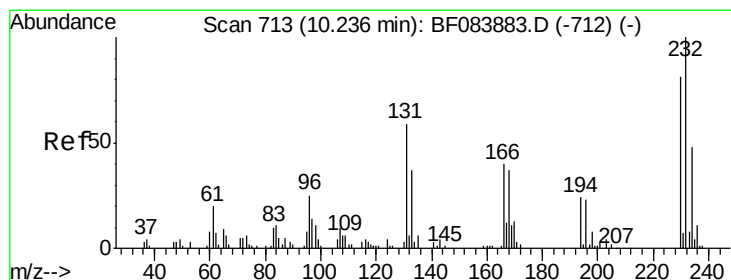
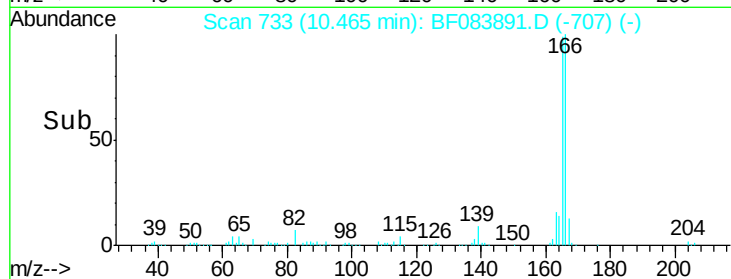
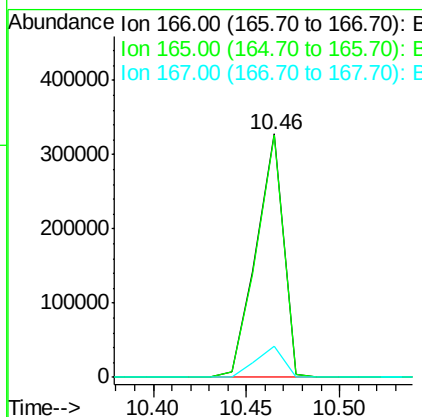
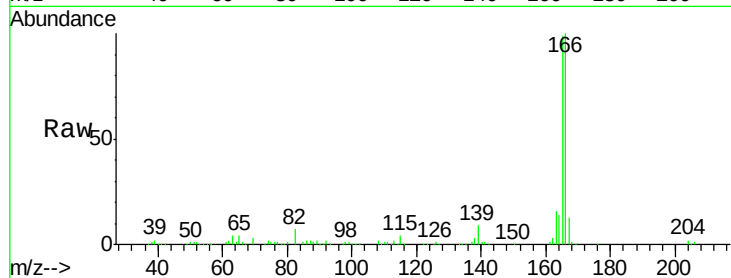
#57
 Fluorene
 Concen: 29.50 ng
 RT: 10.46 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	329930		
165	99.4	79.1	118.7	
167	12.8	10.4	15.6	

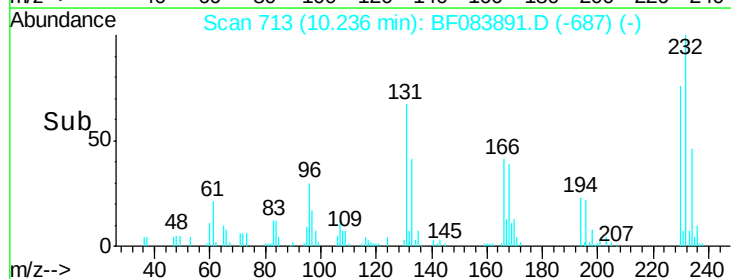
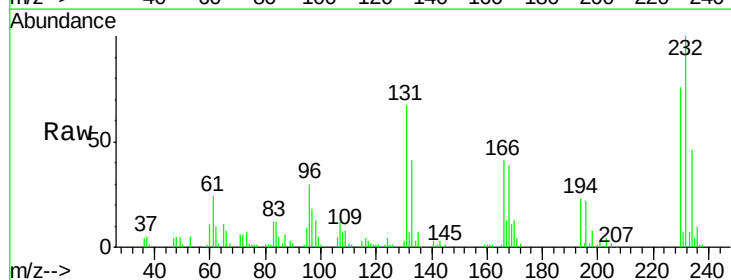
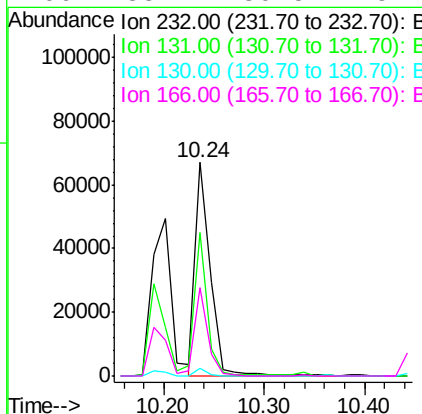
Manual Integrations
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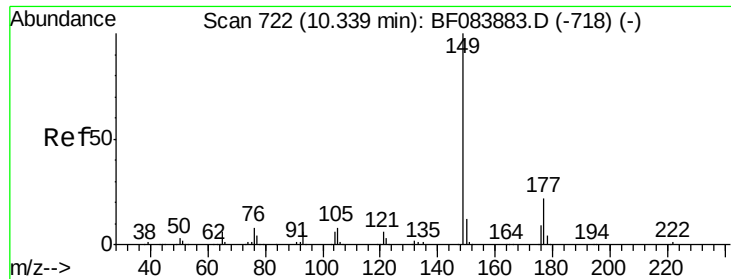
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.75 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

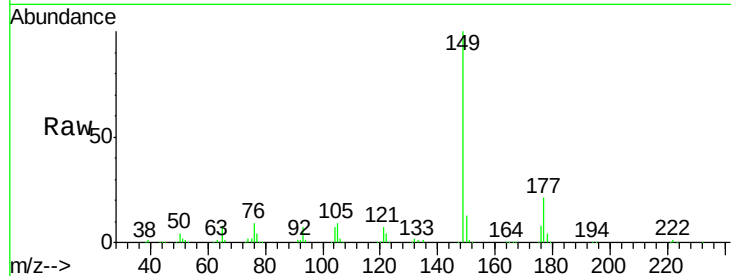
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	71537		
131	57.0	47.0	70.6	
130	2.6	2.0	3.0	
166	35.7	30.5	45.7	





#59
Diethylphthalate
Concen: 27.44 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

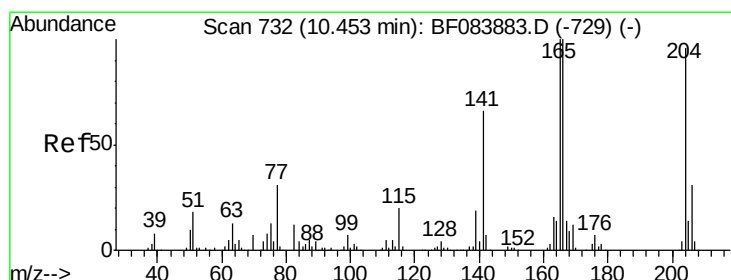
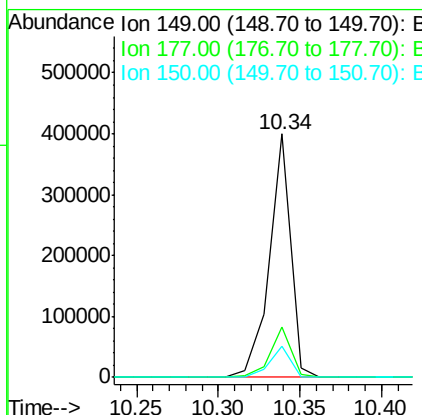
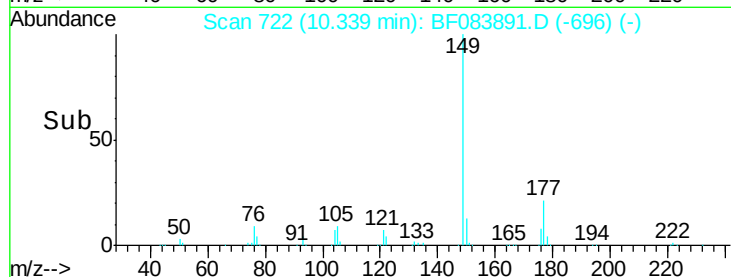
Instrument :
BNA_F
ClientSampleId :
PB87315BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	363229		
177	20.6	17.3	25.9	
150	13.0	9.8	14.8	

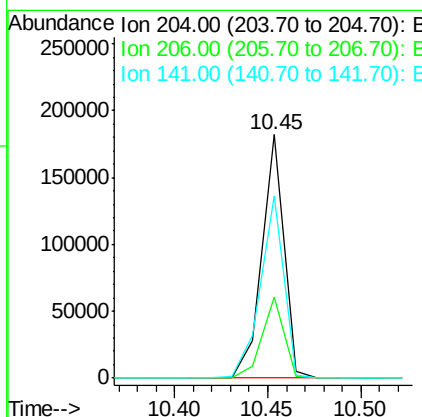
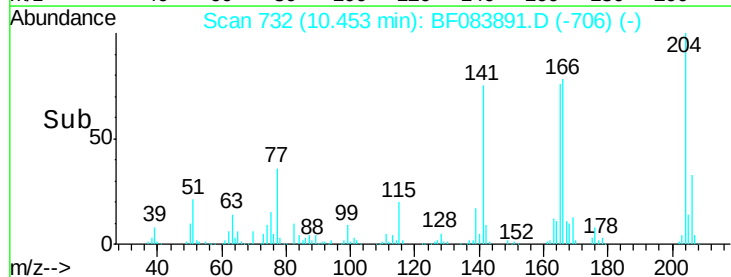
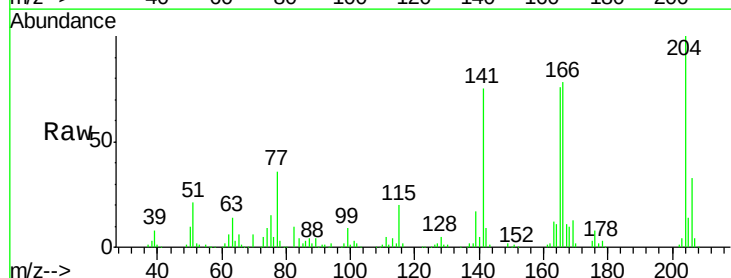
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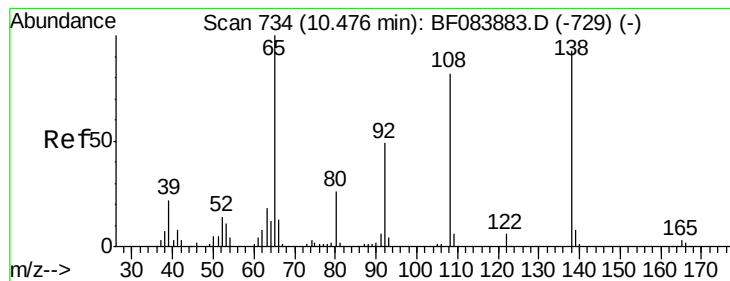
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 27.27 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	148491		
206	33.5	25.7	38.5	
141	74.6	55.1	82.7	





#61

4-Nitroaniline

Concen: 24.22 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083891.D

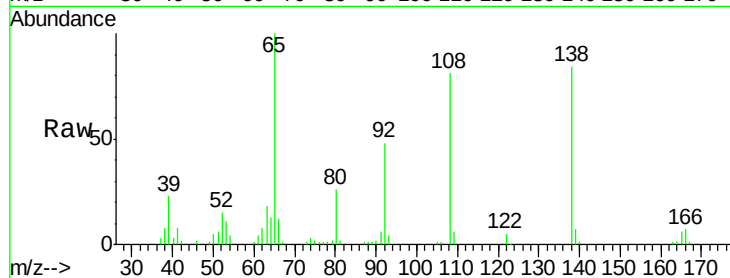
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

PB87315BS



Tgt Ion: 138 Resp: 73789

Ion Ratio Lower Upper

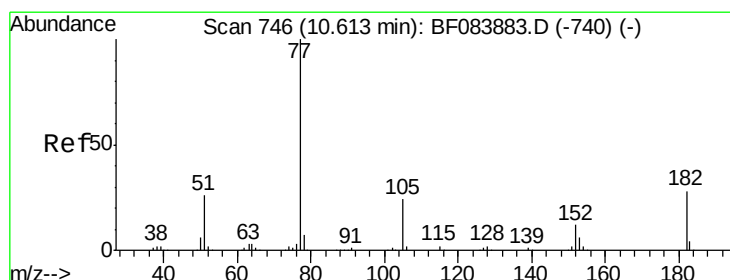
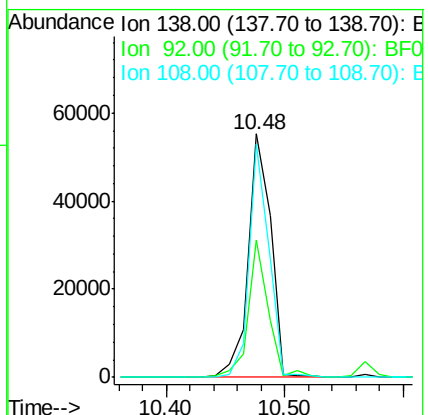
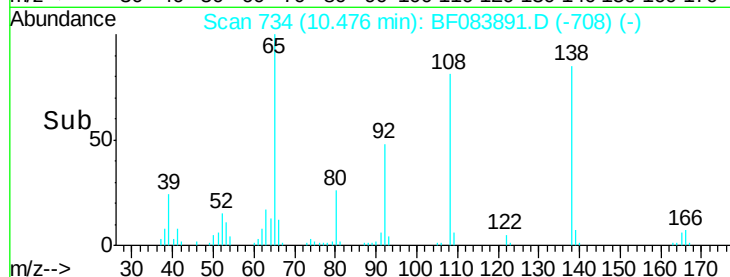
138 100

92 56.6 32.6 72.6

108 96.1 68.6 108.6

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#62

Azobenzene

Concen: 30.11 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion: 77 Resp: 334168

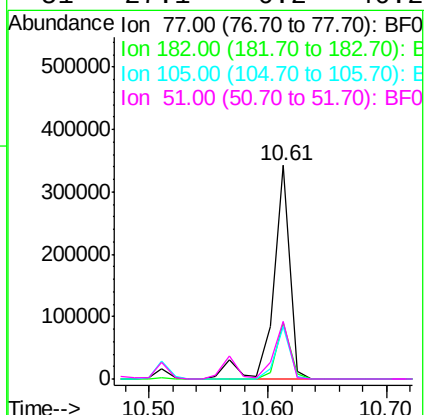
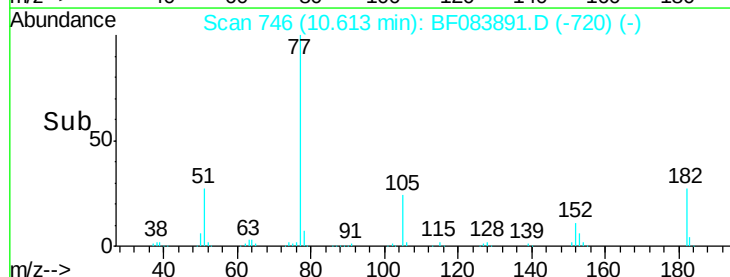
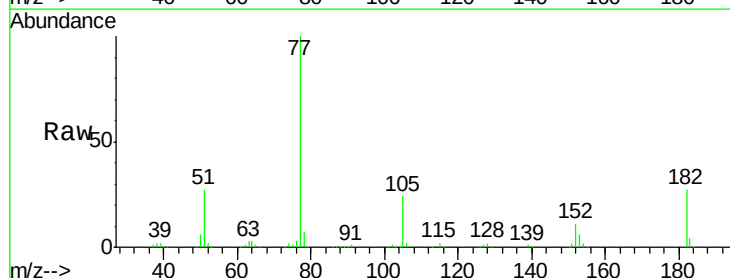
Ion Ratio Lower Upper

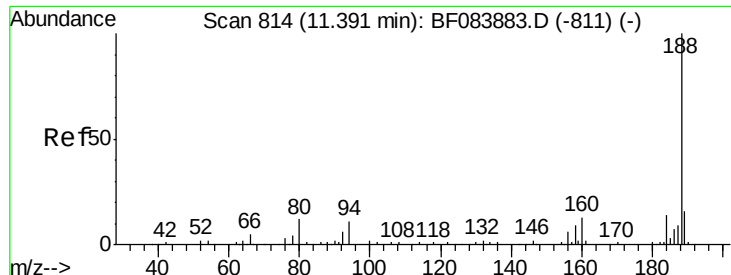
77 100

182 26.6 8.3 48.3

105 24.5 4.6 44.6

51 27.1 6.2 46.2





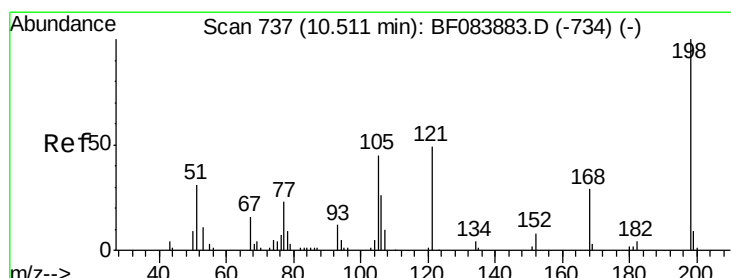
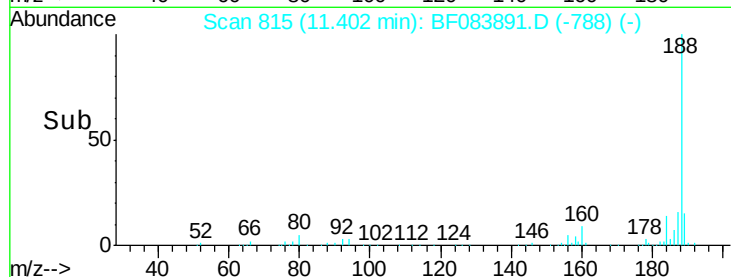
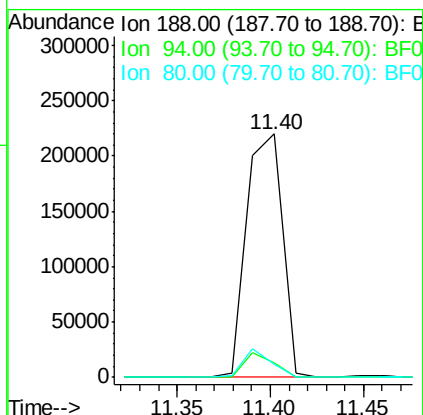
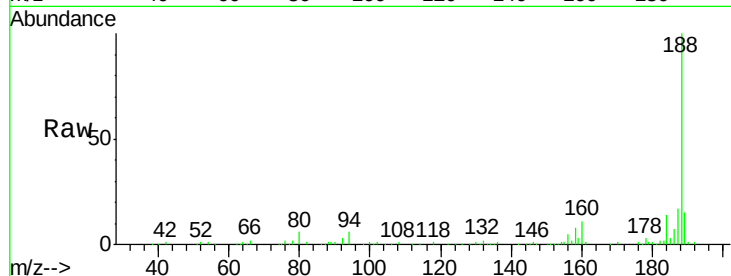
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.0	9.0	13.4#
80	5.7	9.6	14.4#

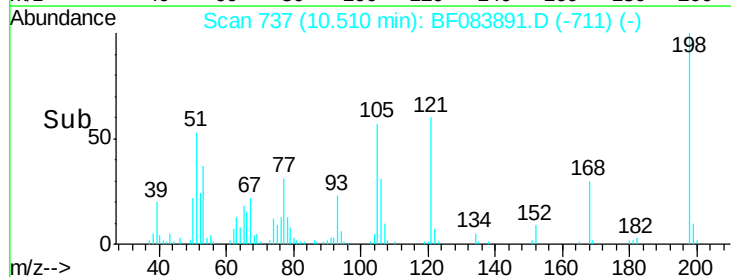
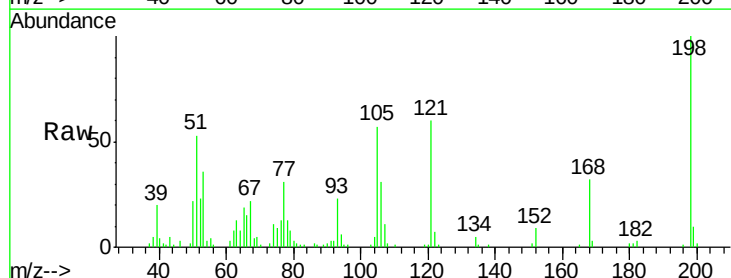
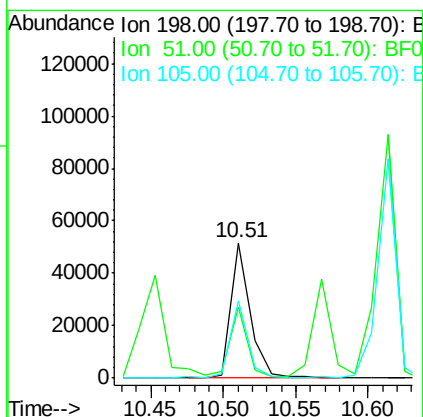
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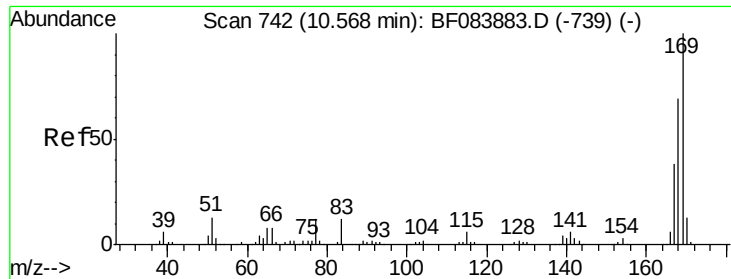
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.24 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.6	18.9	58.9
105	56.7	26.4	66.4





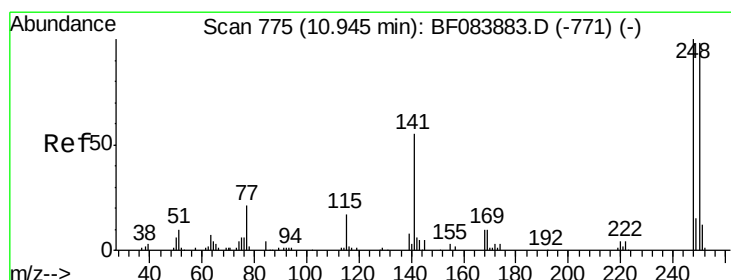
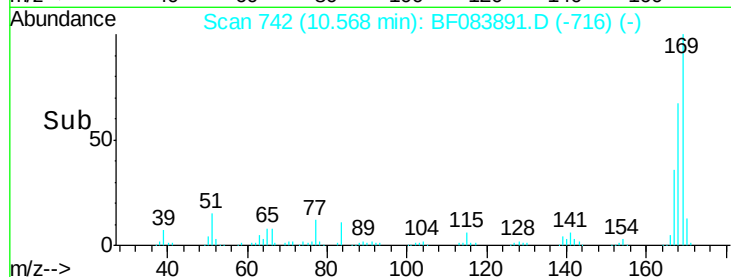
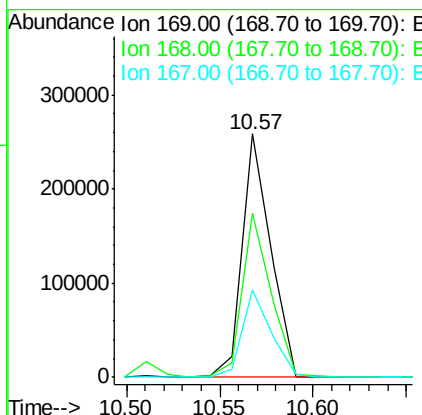
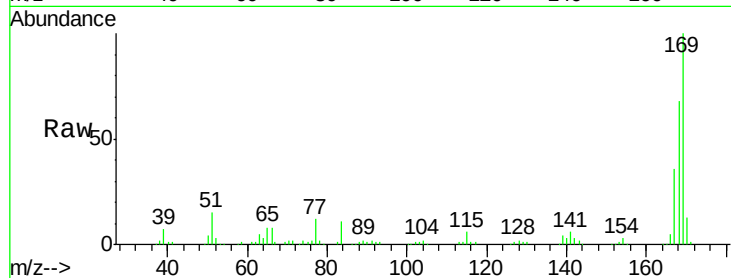
#65
 n-Nitrosodiphenylamine
 Concen: 25.60 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	273605		
168	67.6		55.1	82.7
167	36.2		30.0	45.0

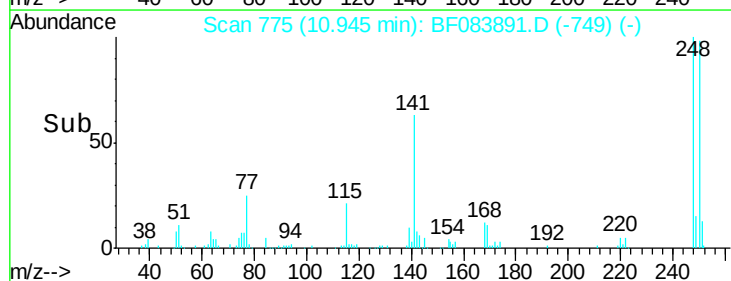
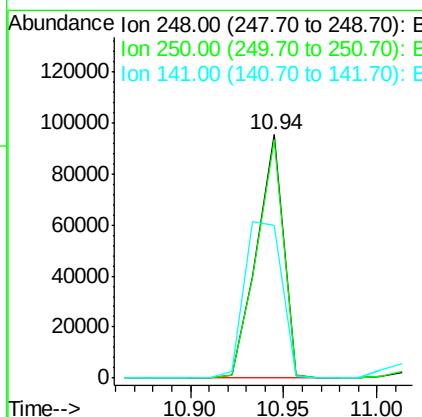
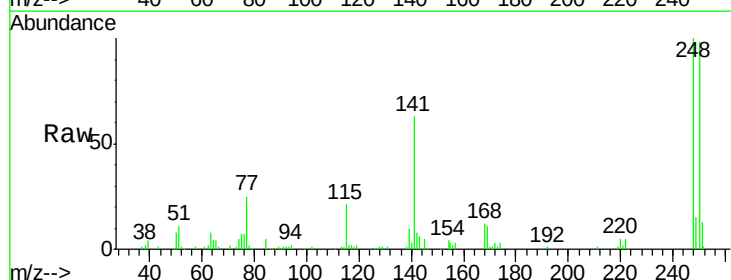
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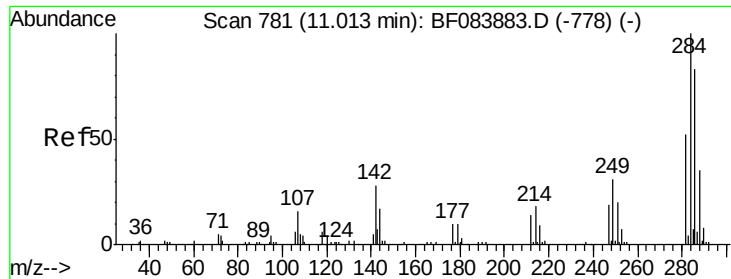
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#66
 4-Bromophenyl-phenylether
 Concen: 26.34 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	94578		
250	98.0		78.4	117.6
141	62.5		44.0	66.0





#67

Hexachlorobenzene

Concen: 27.81 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF083891.D

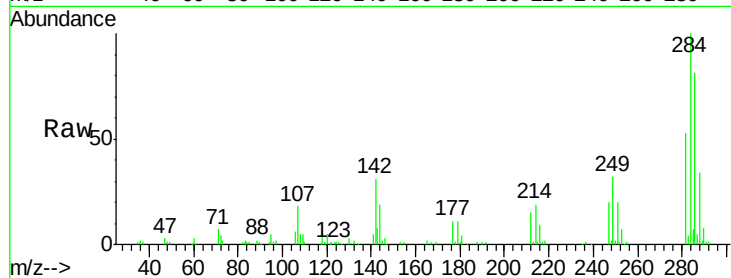
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

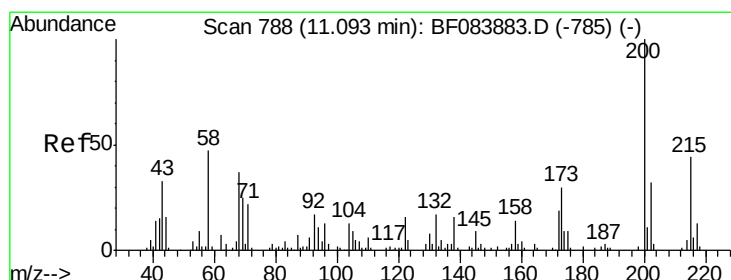
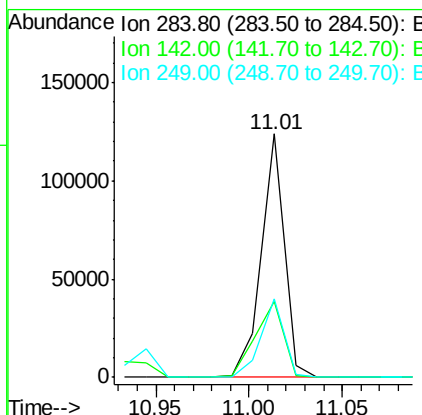
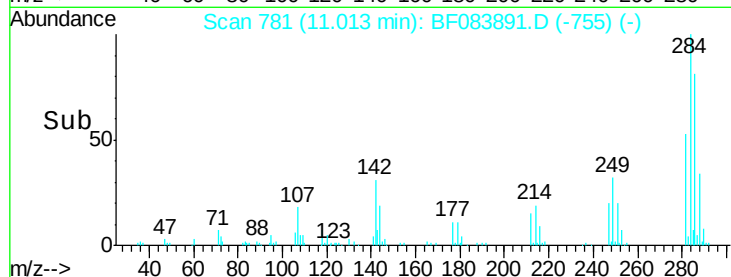
PB87315BS



Tgt Ion:	284	Resp:	105157
Ion Ratio	Lower	Upper	
284	100		
142	31.0	22.2	33.4
249	32.0	24.6	37.0

Manual Integrations
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#68

Atrazine

Concen: 27.09 ng

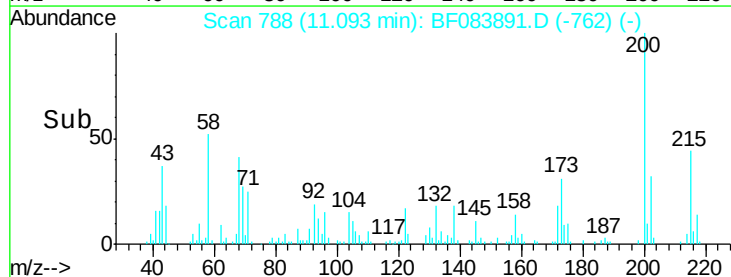
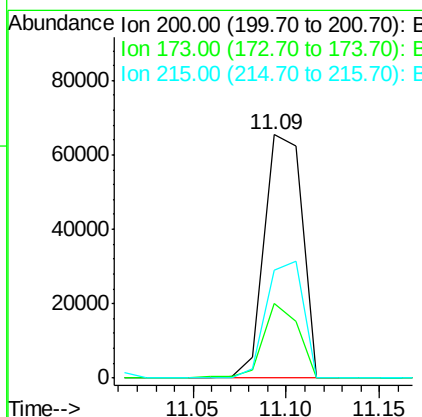
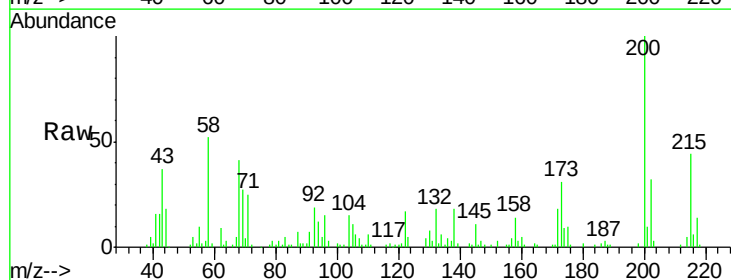
RT: 11.09 min Scan# 788

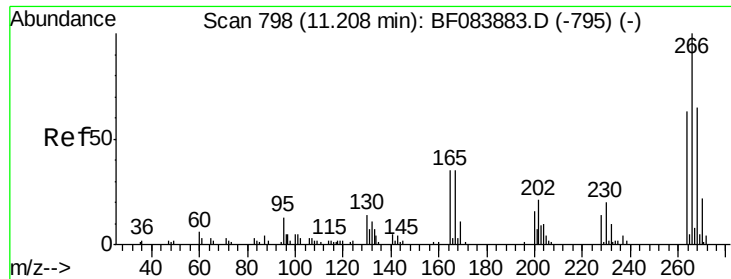
Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

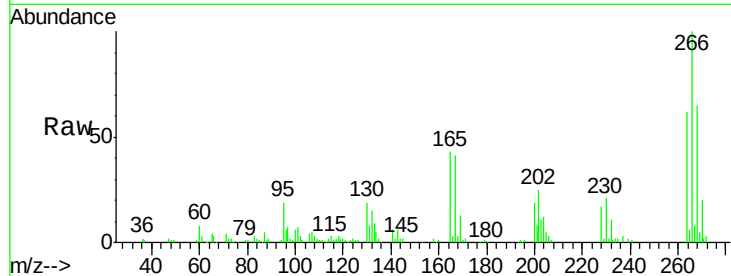
Tgt Ion:	200	Resp:	91721
Ion Ratio	Lower	Upper	
200	100		
173	30.7	9.5	49.5
215	44.1	23.8	63.8





#69
 Pentachlorophenol
 Concen: 58.04 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

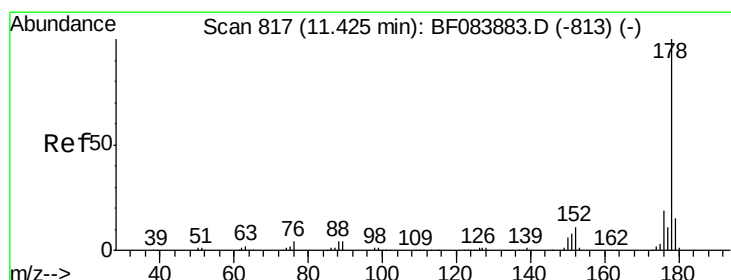
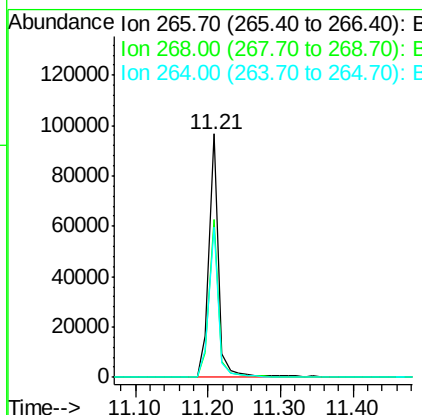
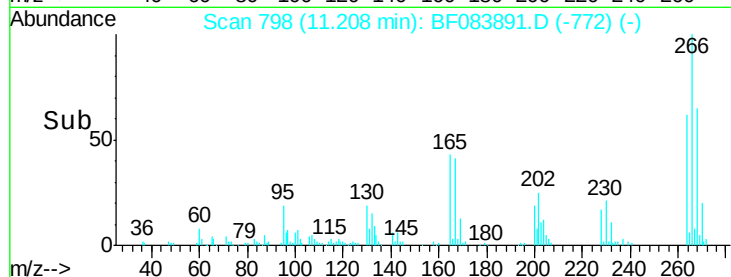
Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	90920		
268	64.7	52.4	78.6	
264	61.8	50.2	75.2	

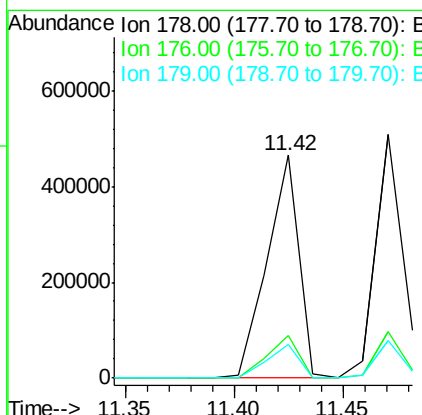
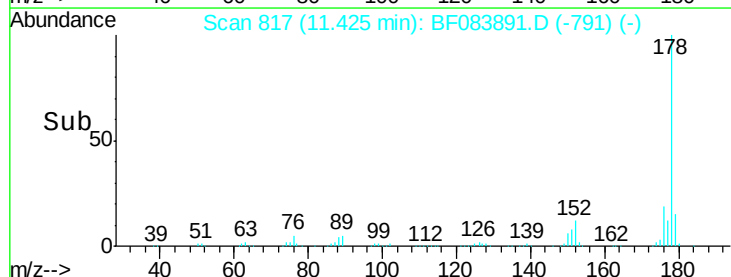
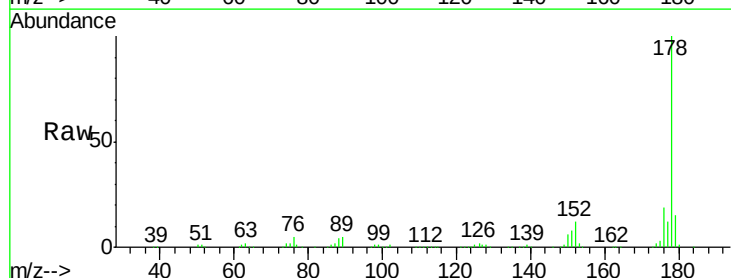
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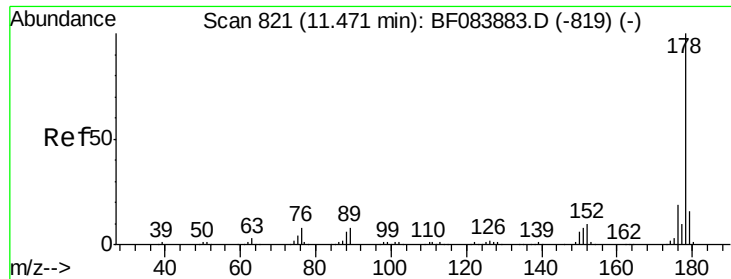
MMdadoda
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#70
 Phenanthrene
 Concen: 26.93 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	477898		
176	19.1	15.3	22.9	
179	15.3	12.0	18.0	





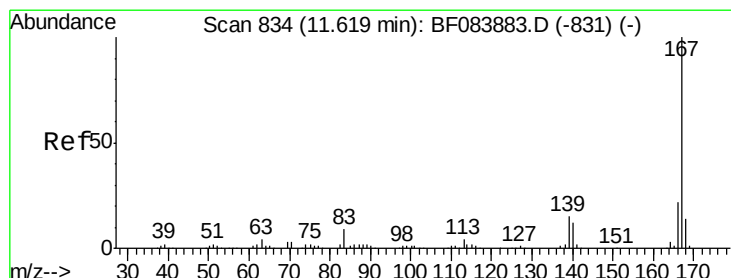
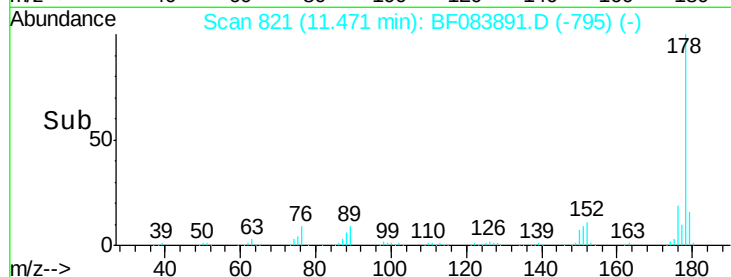
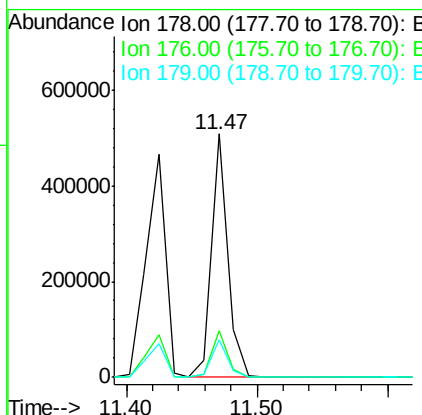
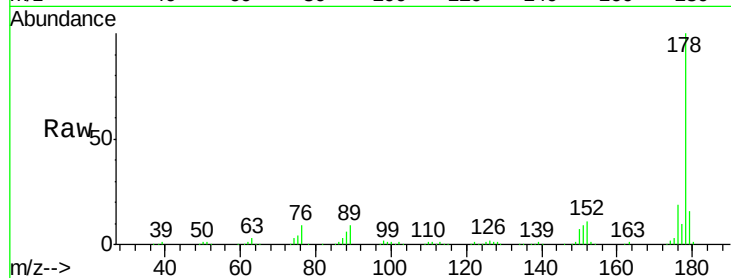
#71
 Anthracene
 Concen: 25.93 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.7	12.5	18.7

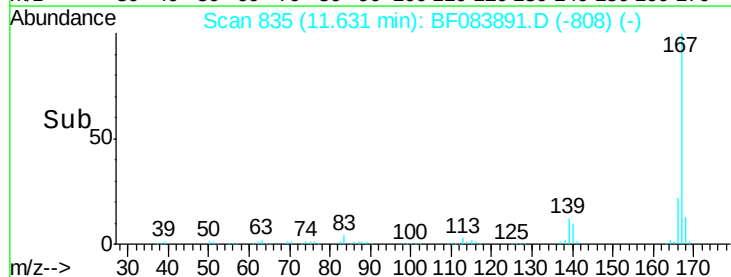
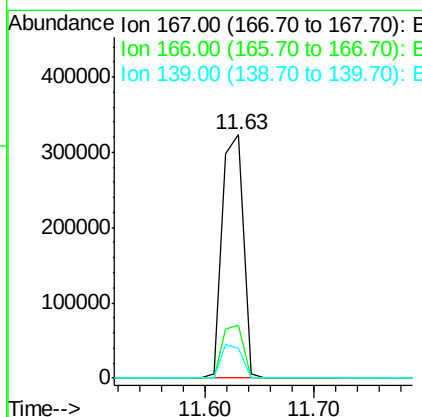
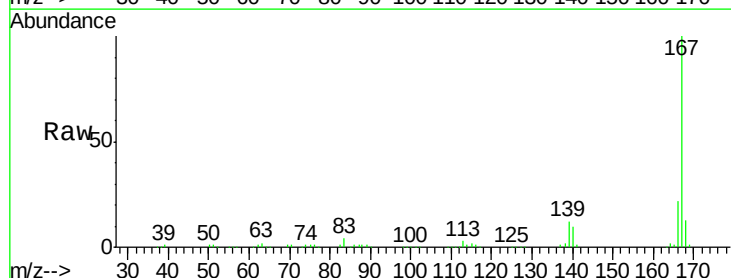
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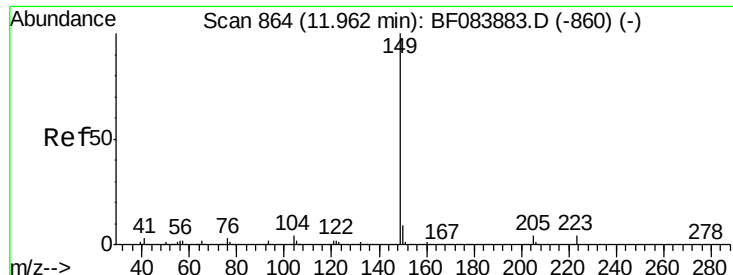
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#72
 Carbazole
 Concen: 25.74 ng
 RT: 11.63 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.1	11.8	17.8





#73

Di-n-butylphthalate

Concen: 28.91 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

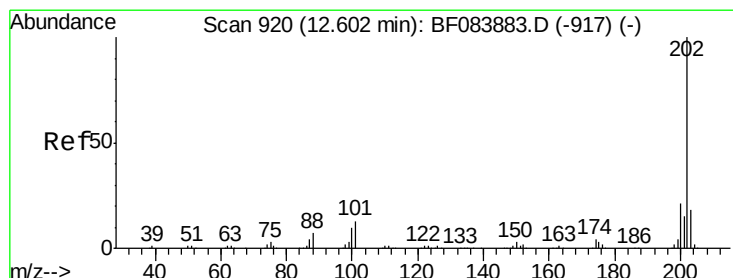
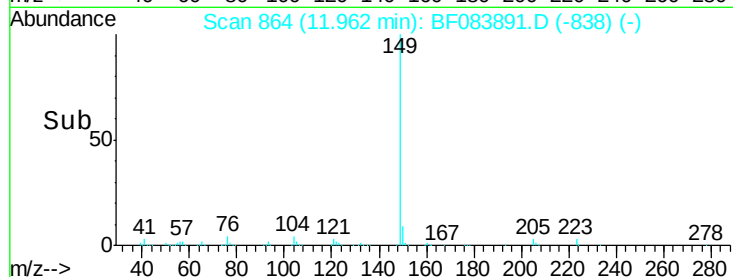
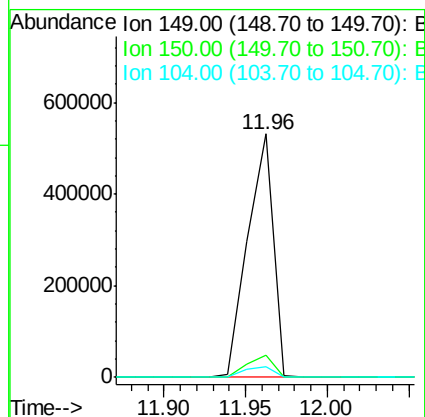
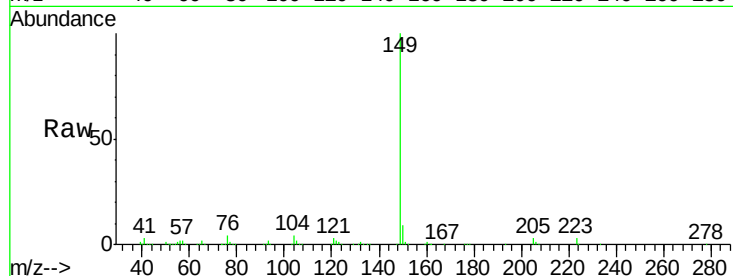
ClientSampleId :

PB87315BS

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Tgt Ion:	149	Resp:	575693
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	4.3	3.2	4.8



#74

Fluoranthene

Concen: 26.43 ng

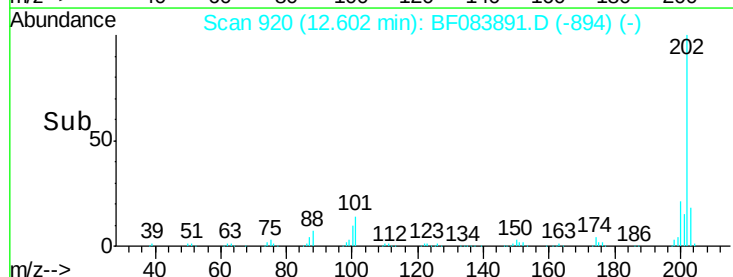
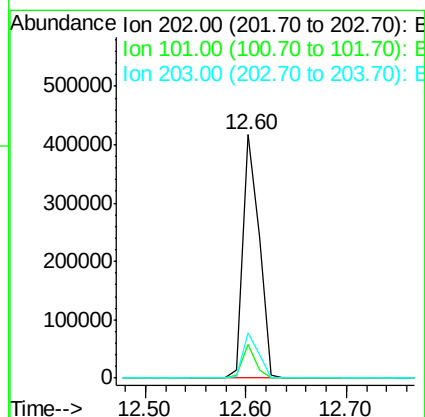
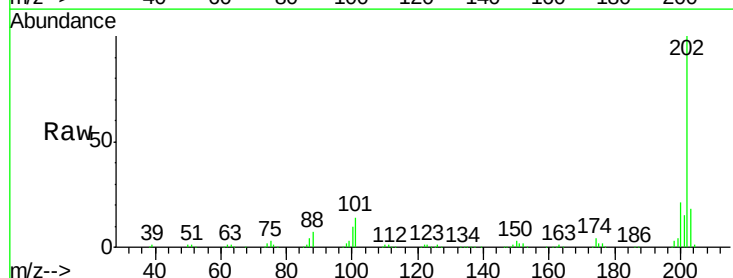
RT: 12.60 min Scan# 920

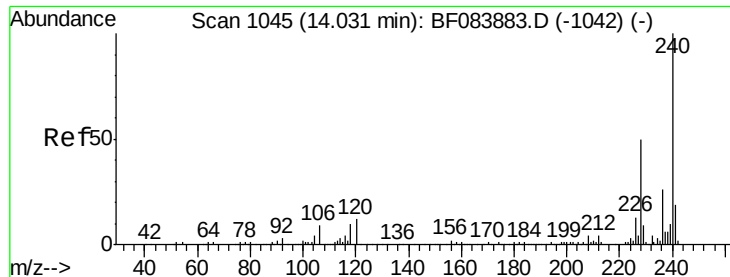
Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion:	202	Resp:	468037
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	32.8
203	18.4	0.0	37.9





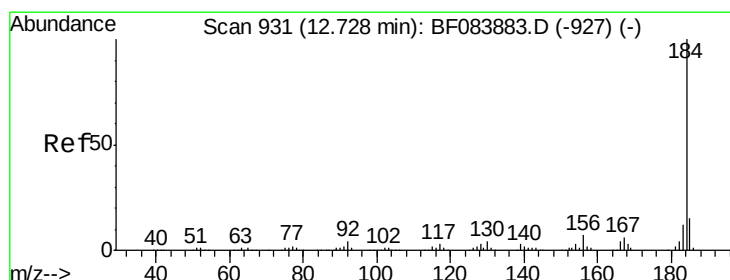
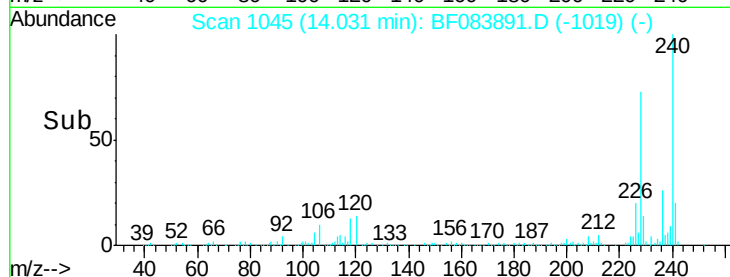
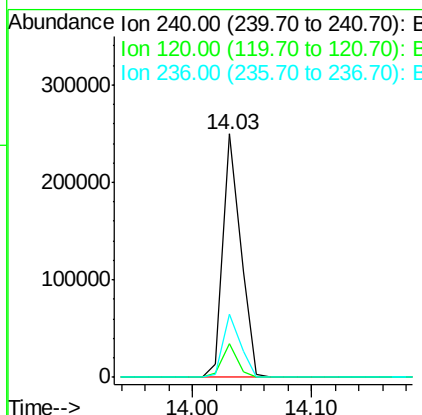
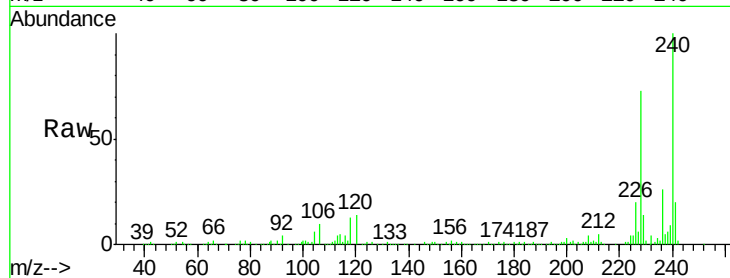
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	258243		
120	14.0	9.5	14.3	
236	26.1	20.6	31.0	

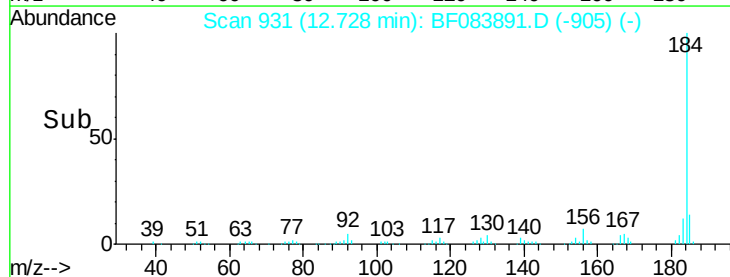
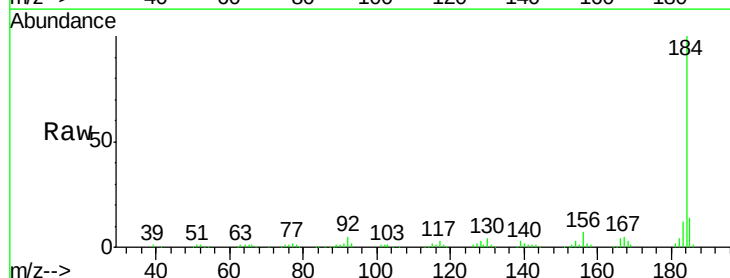
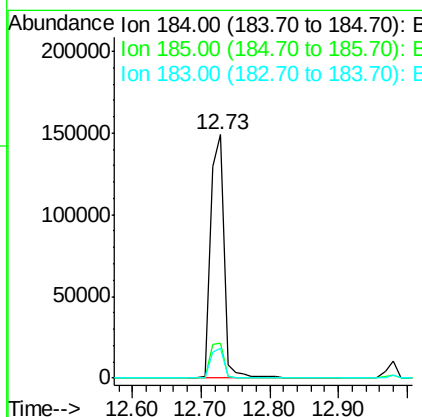
Manual Integrations
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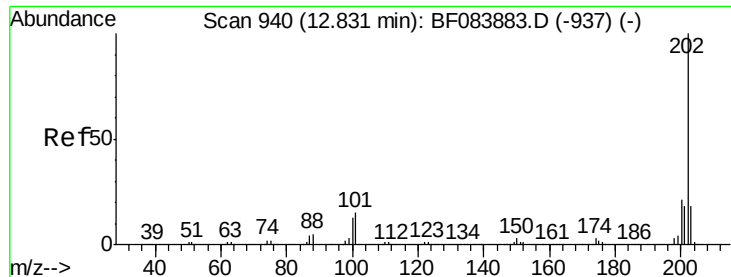
MMdadoda
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#76
Benzidine
Concen: 19.84 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	205180		
185	14.1	12.2	18.2	
183	12.1	9.8	14.8	





#77

Pyrene

Concen: 30.30 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083891.D

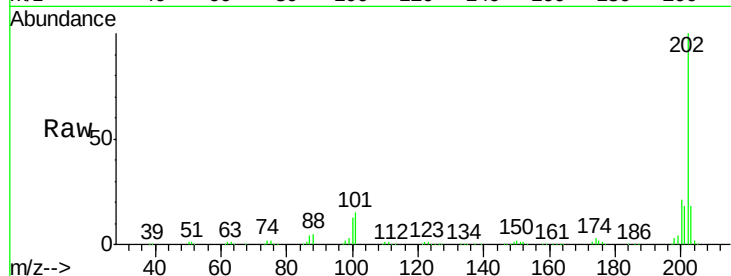
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

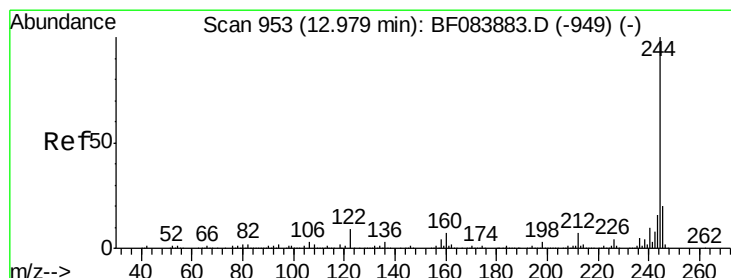
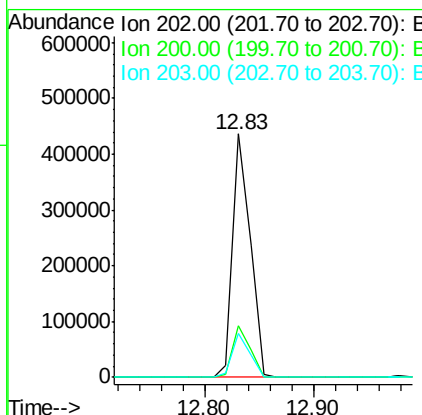
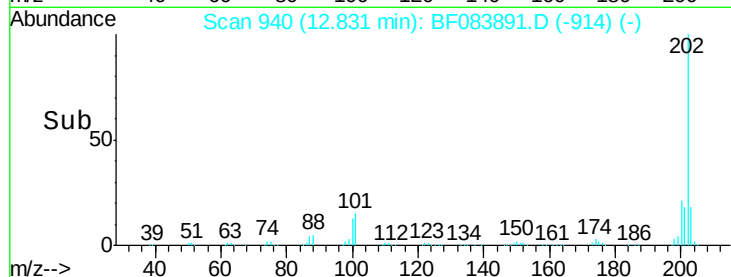
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 55.02 ng

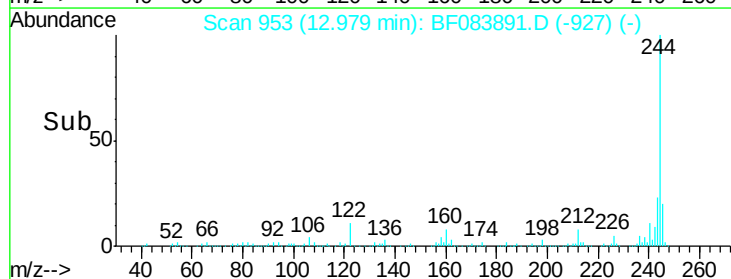
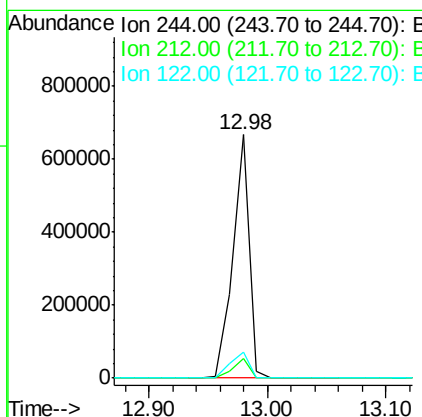
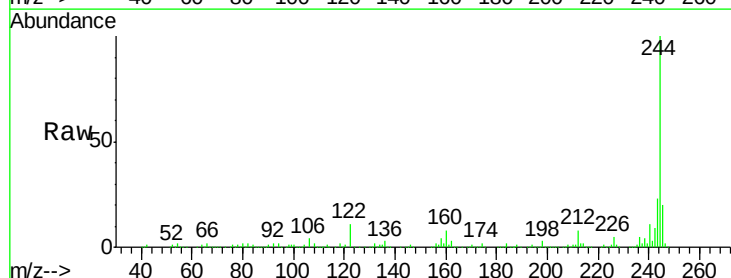
RT: 12.98 min Scan# 953

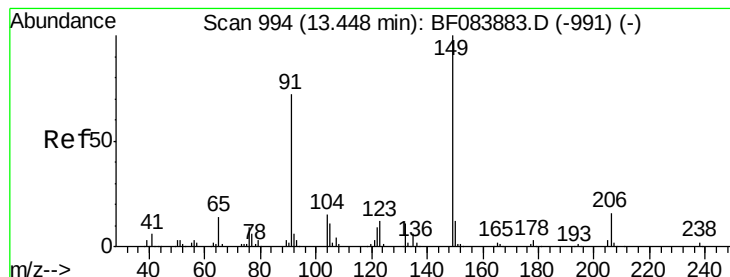
Delta R.T. 0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	10.7	7.4	11.0





#79

Butylbenzylphthalate

Concen: 26.60 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF083891.D

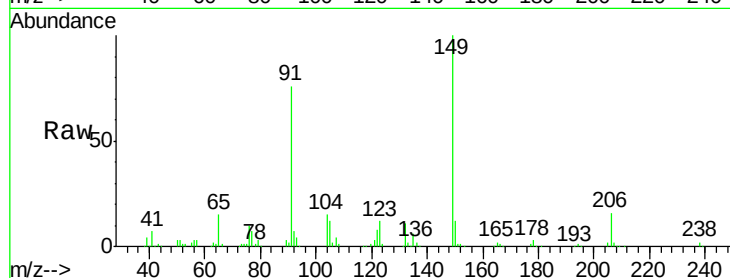
Acq: 18 Dec 2015 2:28

Instrument :

BNA_F

ClientSampleId :

PB87315BS



Tgt Ion:149 Resp: 228705

Ion Ratio Lower Upper

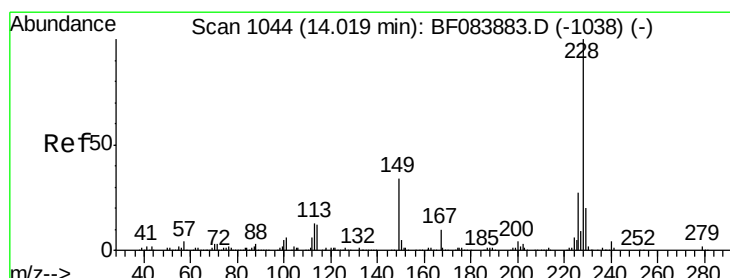
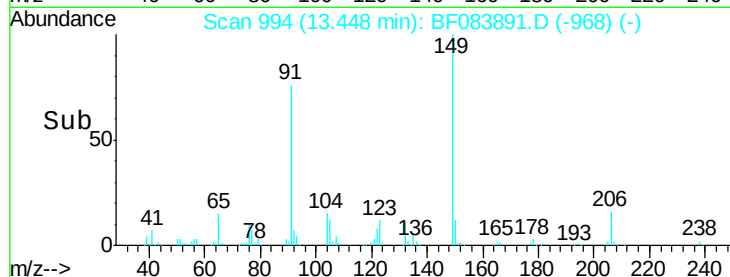
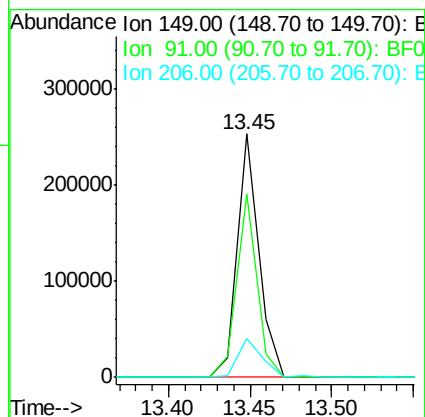
149 100

91 75.5 57.6 86.4

206 16.2 13.2 19.8

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#80

Benzo(a)anthracene

Concen: 26.09 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083891.D

Acq: 18 Dec 2015 2:28

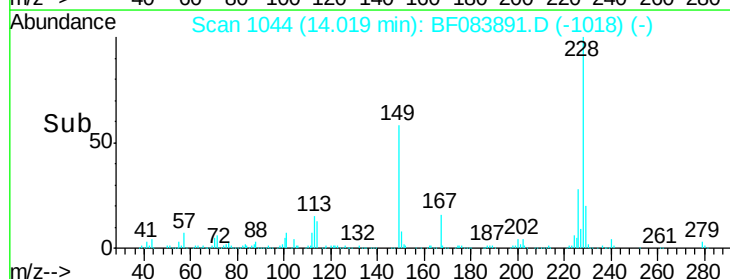
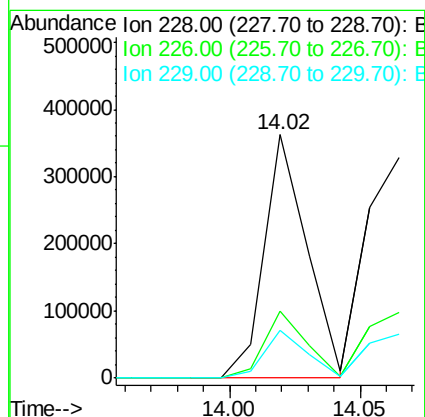
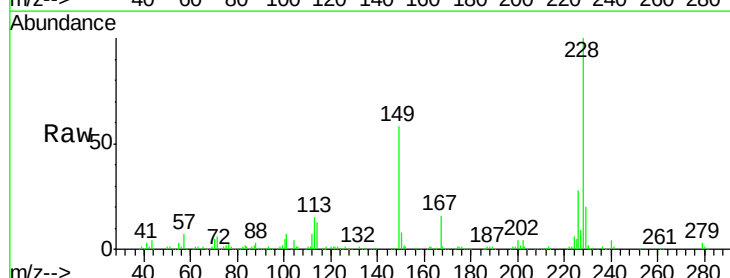
Tgt Ion:228 Resp: 414255

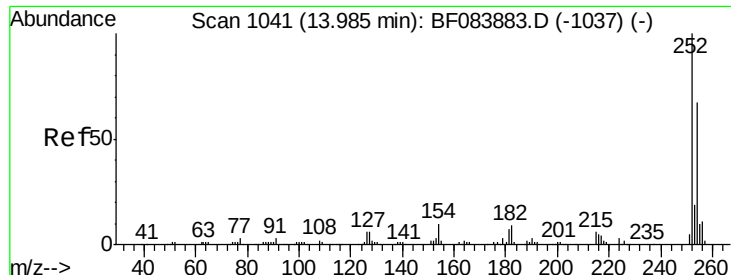
Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

229 19.9 15.8 23.8





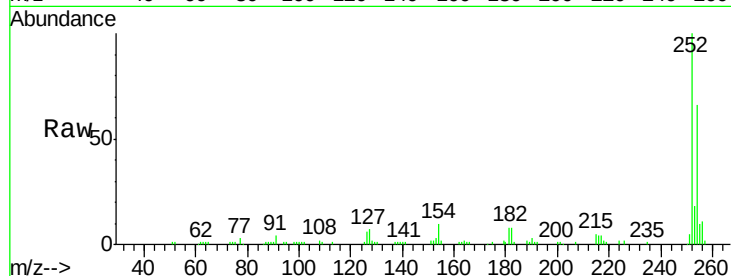
#81
 3,3'-Dichlorobenzidine
 Concen: 14.31 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

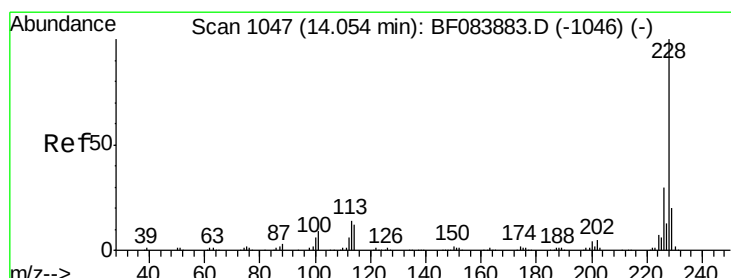
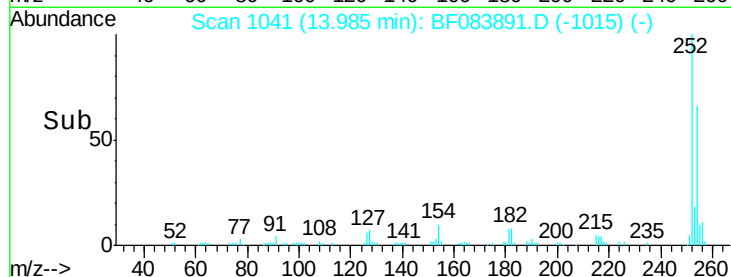
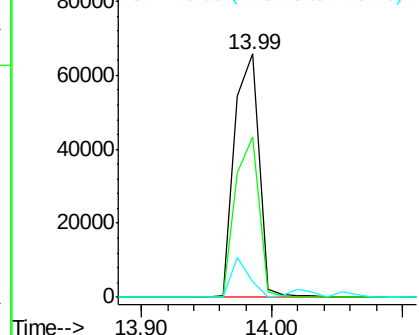
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.1	53.5	80.3
126	6.3	4.9	7.3

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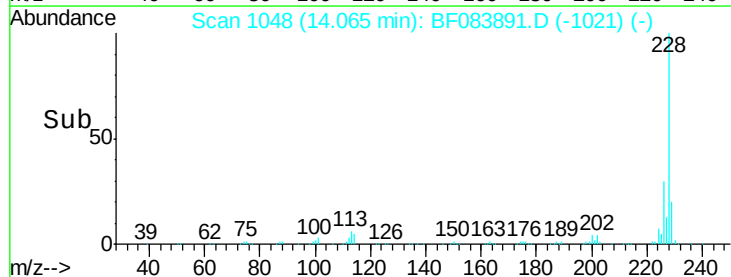
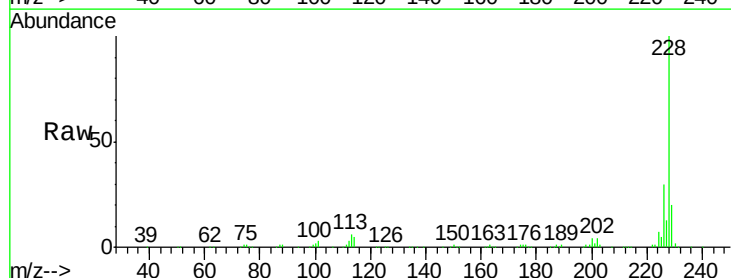
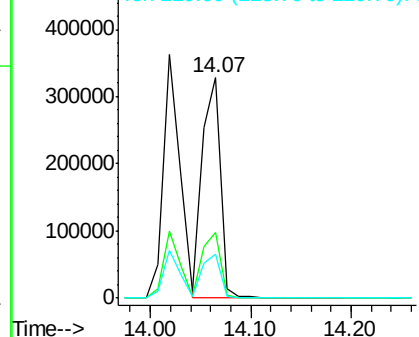
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

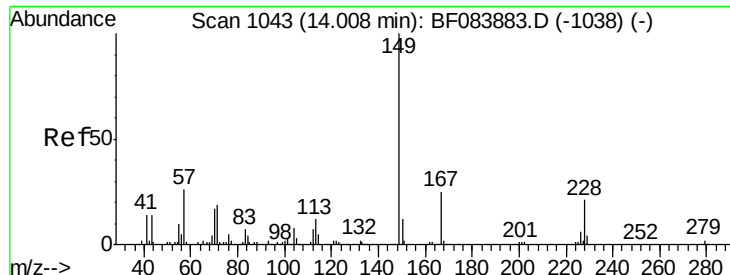


#82
 Chrysene
 Concen: 26.95 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.3	36.5
229	19.8	16.1	24.1

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





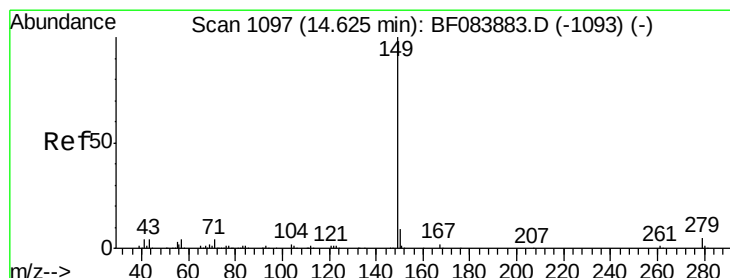
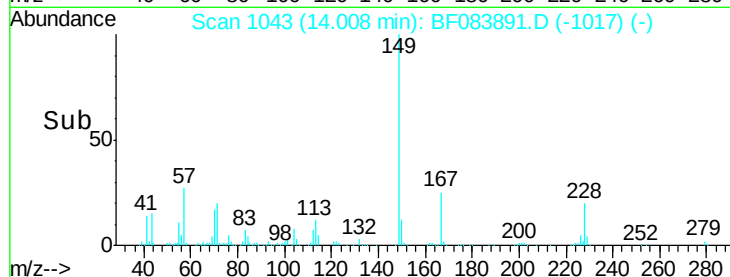
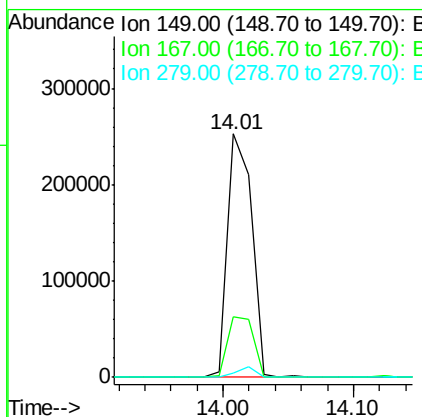
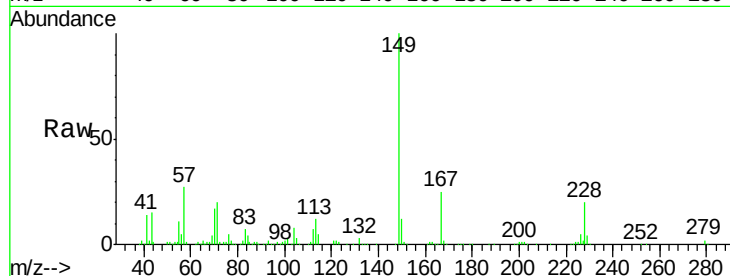
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.44 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.7	19.7	29.5
279	1.9	1.8	2.6

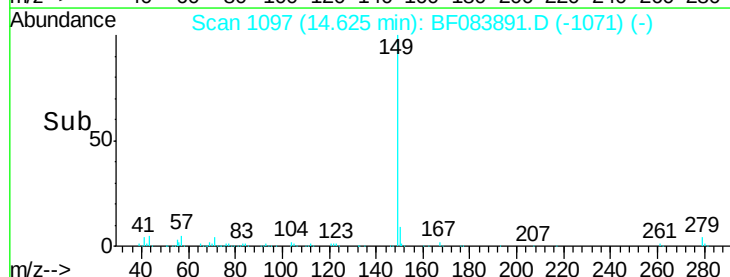
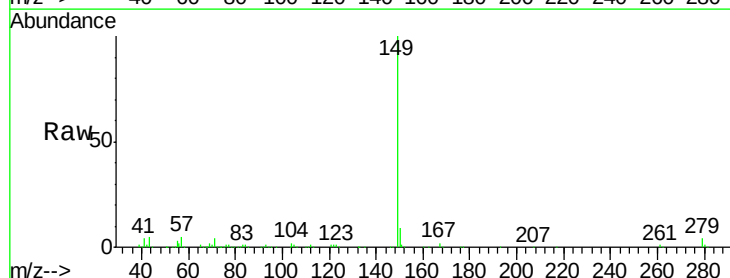
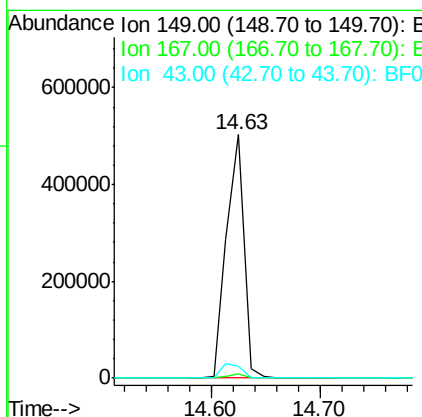
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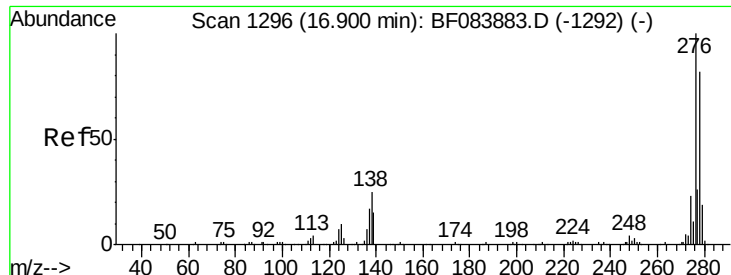
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#84
 Di-n-octyl phthalate
 Concen: 31.18 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.0	5.6	8.4





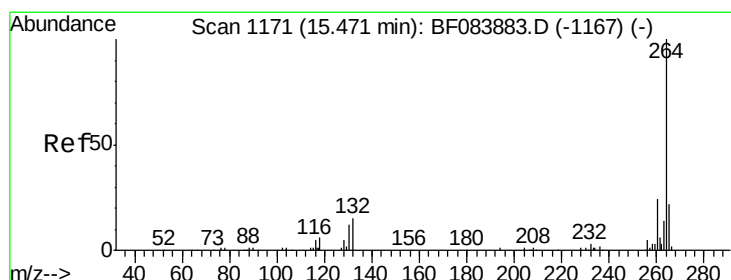
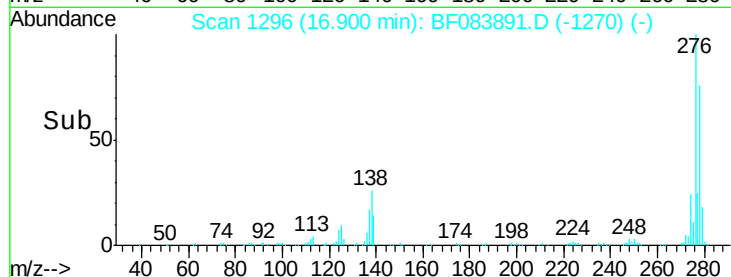
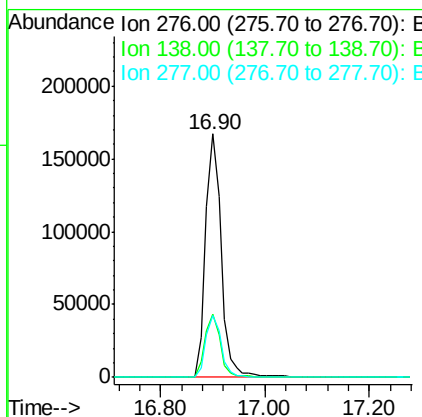
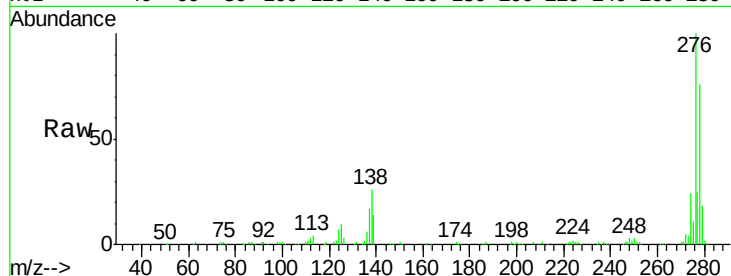
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.59 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.8	20.6	30.8
277	25.3	20.1	30.1

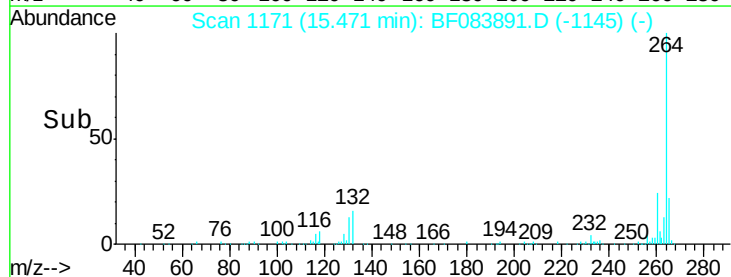
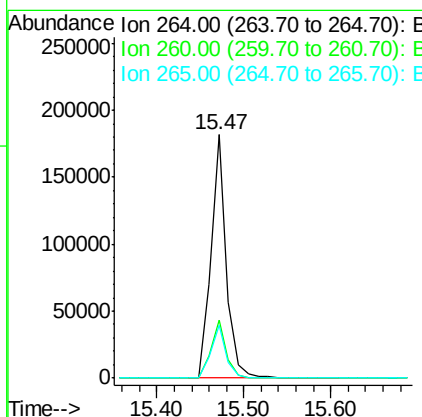
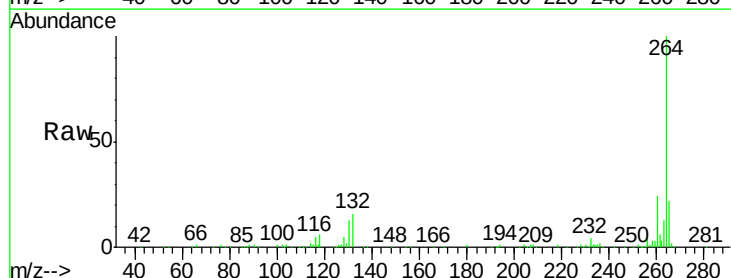
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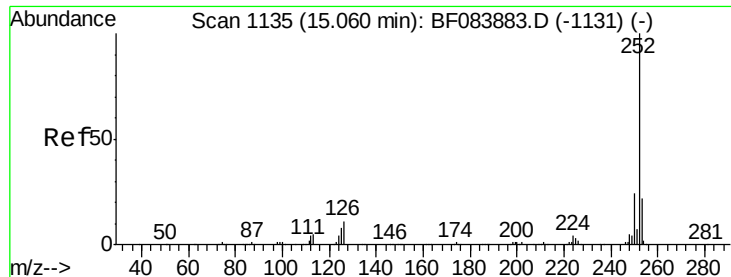
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	19.4	29.2
265	21.6	17.8	26.6





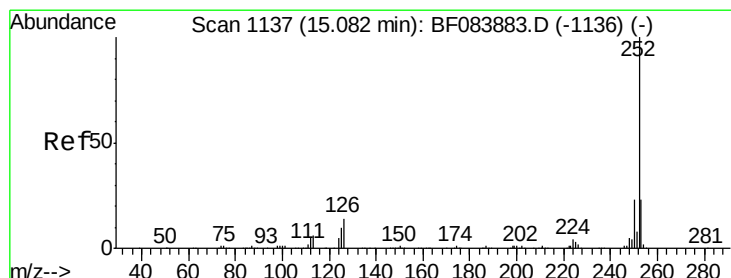
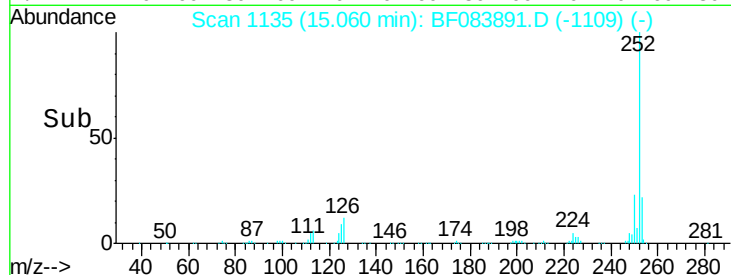
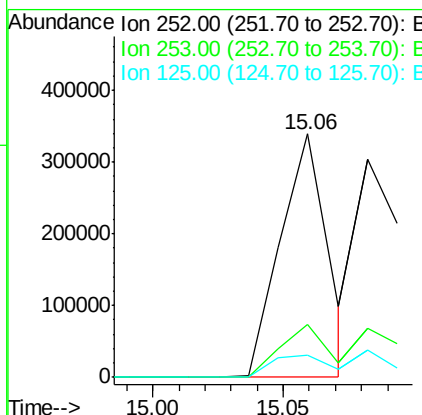
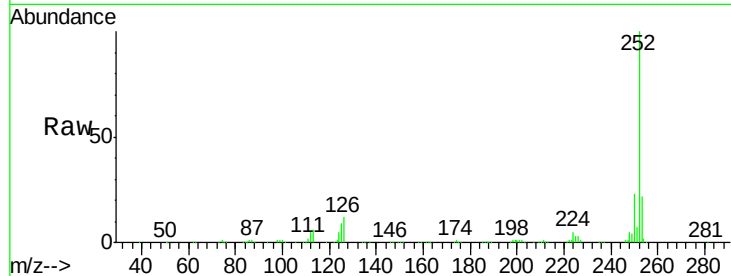
#87
Benzo(b)fluoranthene
Concen: 26.09 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.1	6.5	9.7

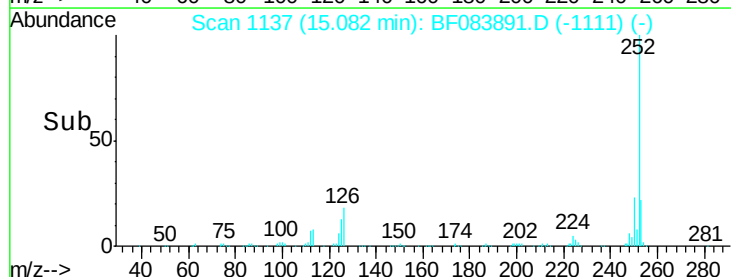
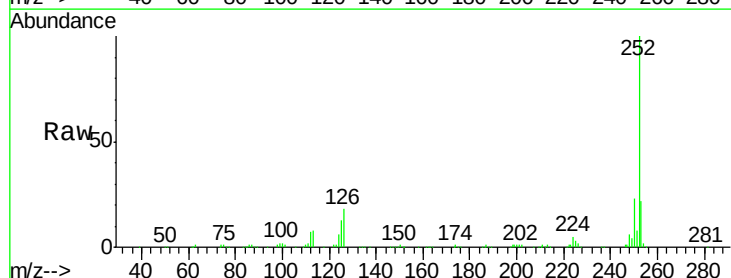
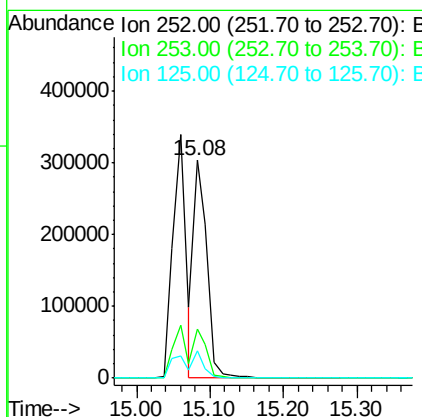
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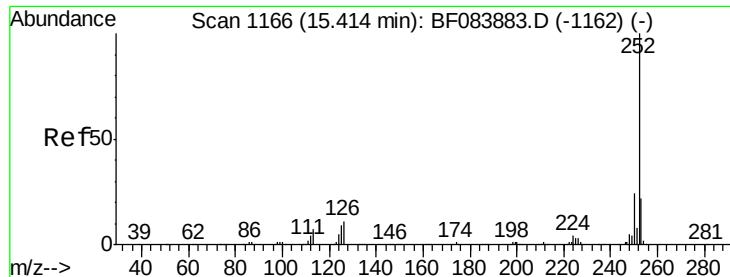
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#88
Benzo(k)fluoranthene
Concen: 28.53 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.7	9.0	13.6





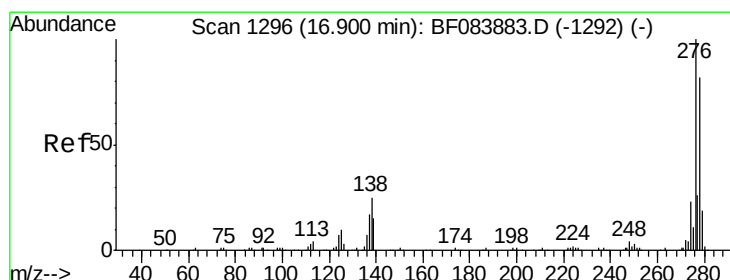
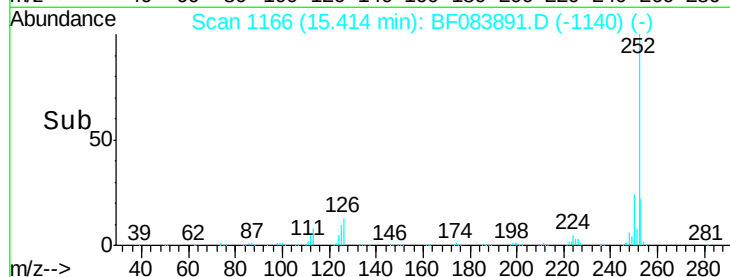
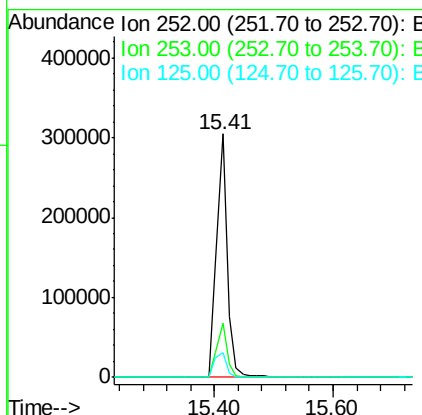
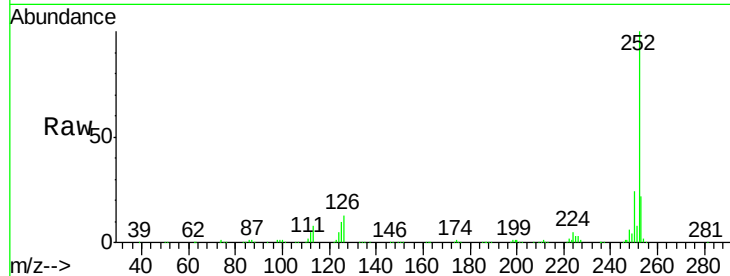
#89
Benzo(a)pyrene
Concen: 28.17 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.2	7.0	10.4

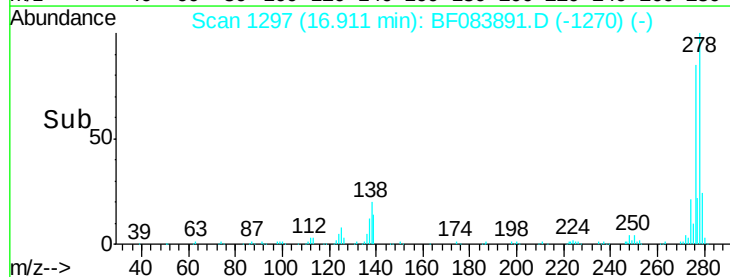
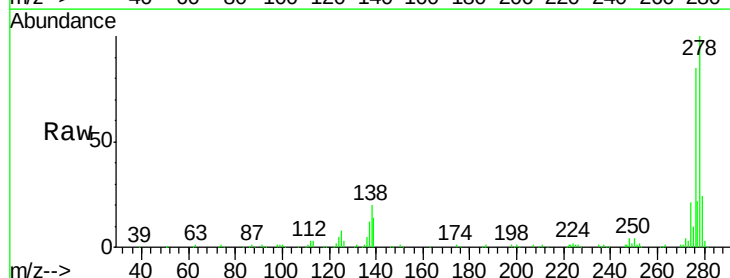
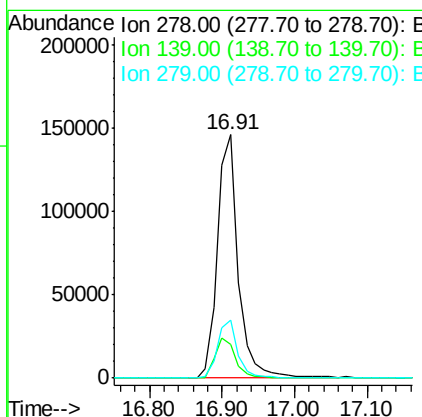
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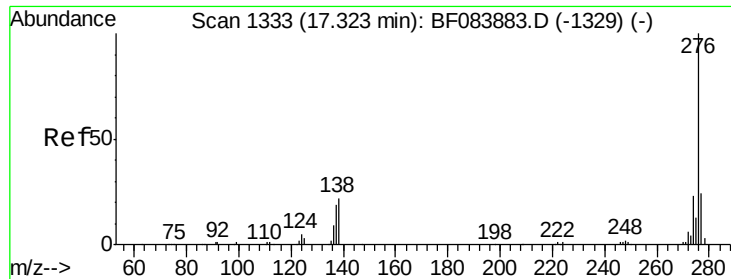
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#90
Dibenzo(a,h)anthracene
Concen: 27.75 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083891.D
Acq: 18 Dec 2015 2:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.0	22.4#
279	23.6	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 27.52 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF083891.D
 Acq: 18 Dec 2015 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tgt Ion:	276	Resp:	282936
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.6	17.8	26.6

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