

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092322.D
 Acq On : 17 Jan 2017 18:04
 Operator : UM/SJ
 Sample : PB96091BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Manual Integrations
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mohammad
 1/18/2017 5:11:28 PM

Quant Time: Jan 18 00:28:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	156319	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	647620	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	326636	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	528875	20.00	ng	0.00
75) Chrysene-d12	13.70	240	321277	20.00	ng	0.00
86) Perylene-d12	15.05	264	285458	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1161349	124.05	ng	0.01
7) Phenol-d6	6.22	99	1407664	123.15	ng	0.00
23) Nitrobenzene-d5	7.12	82	963415	82.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	318448	117.81	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1571803	101.03	ng	0.00
78) Terphenyl-d14	12.65	244	1348094	101.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	168630	36.59	ng	93
3) Pyridine	2.66	79	404853	25.17	ng	97
4) n-Nitrosodimethylamine	2.61	42	217768	35.89	ng	94
6) Aniline	6.22	93	222992	15.02	ng	# 72
8) 2-Chlorophenol	6.35	128	432646	40.63	ng	89
9) Benzaldehyde	6.11	77	20758	2.20	ng	98
10) Phenol	6.23	94	487298	37.41	ng	82
11) bis(2-Chloroethyl)ether	6.30	93	445372	42.98	ng	97
12) 1,3-Dichlorobenzene	6.50	146	445085	39.15	ng	99
13) 1,4-Dichlorobenzene	6.56	146	445257	38.48	ng	98
14) 1,2-Dichlorobenzene	6.72	146	417099	41.54	ng	99
15) Benzyl Alcohol	6.71	79	349336	39.33	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	606138	39.28	ng	# 43
17) 2-Methylphenol	6.85	107	345083	40.29	ng	# 90
18) Hexachloroethane	7.06	117	172198	40.14	ng	# 85
19) n-Nitroso-di-n-propylamine	6.99	70	330349	43.44	ng	97
20) 3+4-Methylphenols	7.01	107	488203	47.79	ng	# 73
22) Acetophenone	6.98	105	620934	38.87	ng	93
24) Nitrobenzene	7.15	77	478104	38.54	ng	96
25) Isophorone	7.39	82	836503	38.93	ng	94
26) 2-Nitrophenol	7.47	139	237295	38.79	ng	95
27) 2,4-Dimethylphenol	7.52	122	381578	37.61	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	516418	39.63	ng	98
29) 2,4-Dichlorophenol	7.72	162	361820	42.11	ng	91
30) 1,2,4-Trichlorobenzene	7.79	180	367282	39.01	ng	96
31) Naphthalene	7.87	128	1238106	41.77	ng	98
32) Benzoic acid	7.67	122	137093	18.22	ng	97
33) 4-Chloroaniline	7.92	127	90667	6.78	ng	95
34) Hexachlorobutadiene	7.98	225	193140	38.86	ng	99
35) Caprolactam	8.30	113	110957m	39.30	ng	
36) 4-Chloro-3-methylphenol	8.44	107	392328	39.68	ng	90
37) 2-Methylnaphthalene	8.55	142	782708	42.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	348005	42.17	ng	99
40) Hexachlorocyclopentadiene	8.71	237	237393	65.36	ng	98

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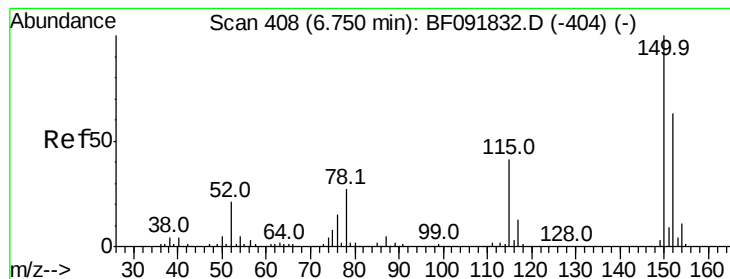
Manual Integrations
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 1/18/2017 5:11:28 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	227519	39.42	nq	97
43) 2,4,5-Trichlorophenol	8.90	196	230054	38.73	nq	98
45) 1,1'-Biphenyl	9.02	154	1007806	45.06	nq	98
46) 2-Chloronaphthalene	9.04	162	759244	42.87	nq	99
47) 2-Nitroaniline	9.15	65	224748	35.64	nq	95
48) Acenaphthylene	9.46	152	1126509	41.36	nq	97
49) Dimethylphthalate	9.33	163	807880	38.67	nq	99
50) 2,6-Dinitrotoluene	9.40	165	203601	44.53	nq	90
51) Acenaphthene	9.63	154	709900	38.44	nq	99
52) 3-Nitroaniline	9.56	138	72475	12.81	nq	100
53) 2,4-Dinitrophenol	9.68	184	113135	44.47	nq	# 90
54) Dibenzofuran	9.80	168	1038826	41.65	nq	94
55) 4-Nitrophenol	9.76	139	209955m	54.64	nq	
56) 2,4-Dinitrotoluene	9.80	165	219613	38.27	nq	# 74
57) Fluorene	10.14	166	761667	41.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	184499	39.27	nq	98
59) Diethylphthalate	10.03	149	798312	39.35	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	324932	40.90	nq	100
61) 4-Nitroaniline	10.18	138	199313	33.99	nq	97
62) Azobenzene	10.29	77	970809	43.46	nq	99
64) 4,6-Dinitro-2-methylphenol	10.21	198	113486	35.49	nq	# 64
65) n-Nitrosodiphenylamine	10.26	169	682979	43.52	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	234101	42.55	nq	# 83
67) Hexachlorobenzene	10.68	284	227063	38.61	nq	# 79
68) Atrazine	10.79	200	239164	47.24	nq	96
69) Pentachlorophenol	10.88	266	163386	56.62	nq	98
70) Phenanthrene	11.09	178	1159123	40.42	nq	99
71) Anthracene	11.14	178	1173162	46.76	nq	98
72) Carbazole	11.31	167	1109027	48.79	nq	97
73) Di-n-butylphthalate	11.64	149	1283923	47.47	nq	99
74) Fluoranthene	12.27	202	1072896	42.42	nq	99
76) Benzidine	12.40	184	380144	46.95	nq	97
77) Pyrene	12.50	202	1148253	48.71	nq	99
79) Butylbenzylphthalate	13.13	149	485366	45.27	nq	94
80) Benzo(a)anthracene	13.69	228	847079	46.71	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	128429	18.68	nq	# 97
82) Chrysene	13.72	228	806998	44.36	nq	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	694370	55.00	nq	# 97
84) Di-n-octyl phthalate	14.30	149	1076522	46.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	748704	47.51	nq	99
87) Benzo(b)fluoranthene	14.68	252	665810m	37.46	nq	
88) Benzo(k)fluoranthene	14.70	252	682157m	45.01	nq	
89) Benzo(a)pyrene	14.99	252	656698	41.63	nq	98
90) Dibenzo(a,h)anthracene	16.28	278	626169	48.30	nq	# 94
91) Benzo(g,h,i)perylene	16.63	276	664970	49.32	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

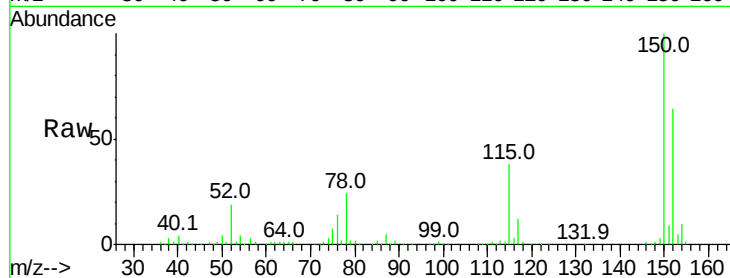
ClientSampleId :

PB96061BS

Tot Ion:	152	Resp:	156319
Ion Ratio	Lower	Upper	
152	100		
150	157.3	124.9	187.3
115	59.6	46.0	69.0

Manual Integrations
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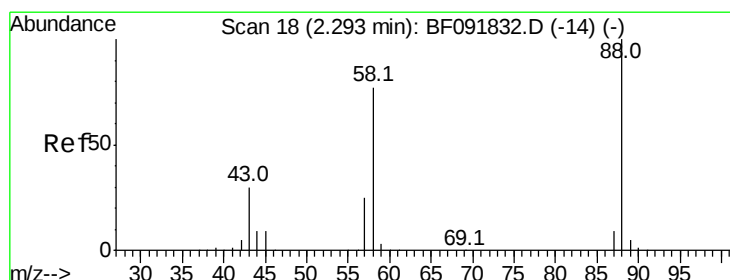
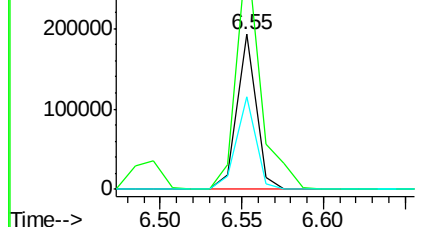
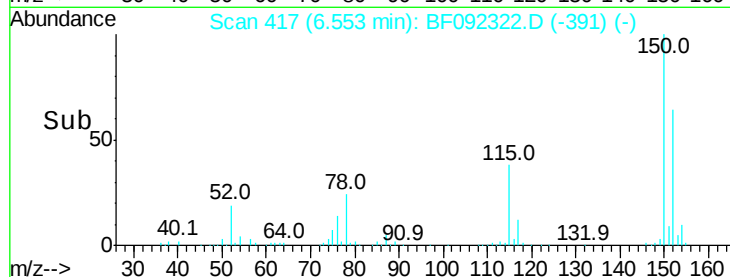
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.59 ng

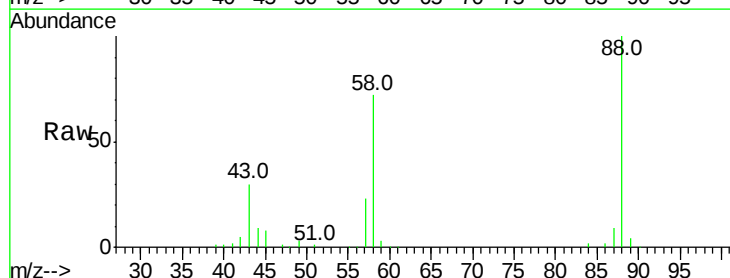
RT: 2.04 min Scan# 22

Delta R.T. 0.09 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

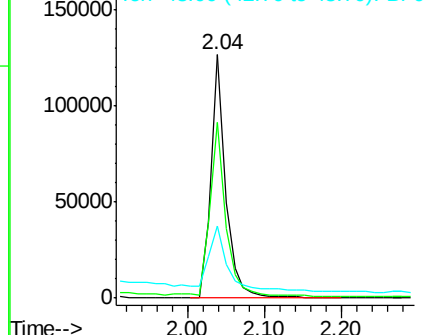
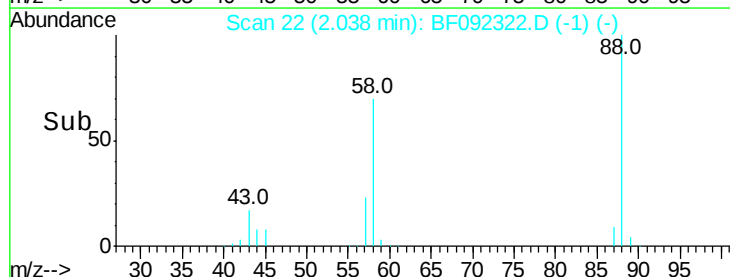
Tgt Ion:	88	Resp:	168630
Ion Ratio	Lower	Upper	
88	100		
58	76.5	57.8	86.8
43	33.4	22.3	33.5

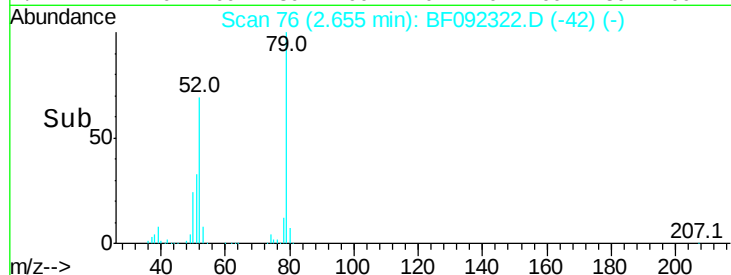
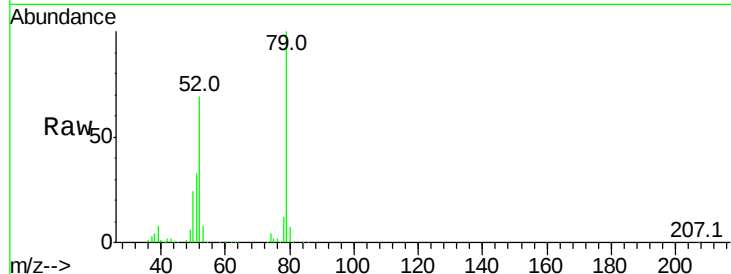
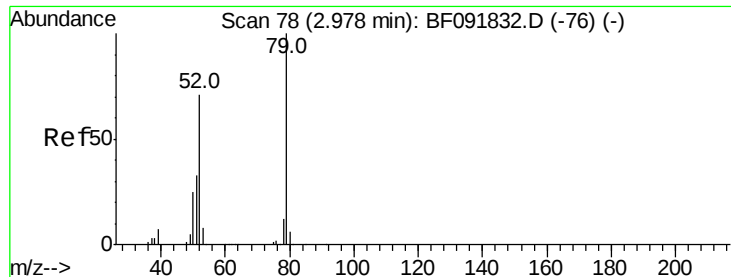


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





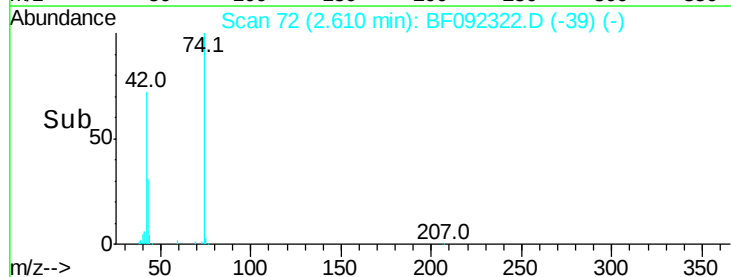
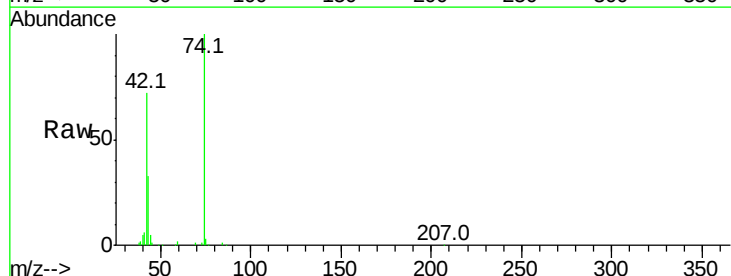
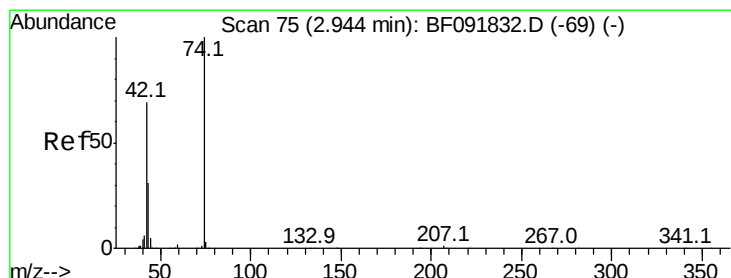
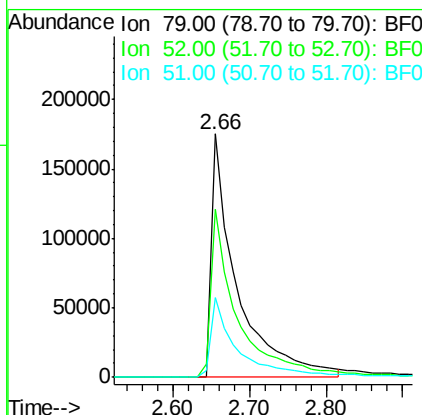
#3
Pvridine
Concen: 25.17 ng
RT: 2.66 min Scan# 76
Delta R.T. 0.09 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		404853		
52	69.1	57.1		85.7	
51	32.8	27.3		40.9	

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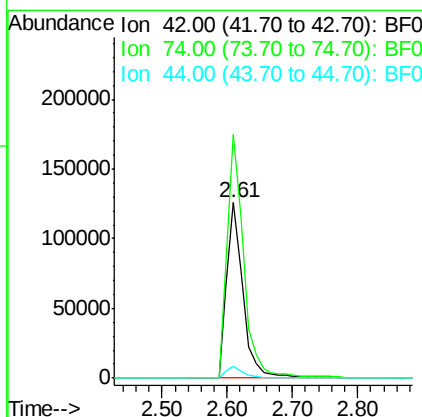
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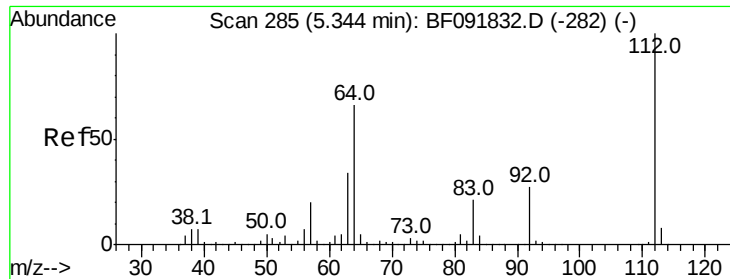
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#4
n-Nitrosodimethylamine
Concen: 35.89 ng
RT: 2.61 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		217768		
74	138.7	117.0		175.4	
44	6.5	5.5		8.3	





#5

2-Fluorophenol

Concen: 124.05 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tot Ion:112 Resp: 1161349

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

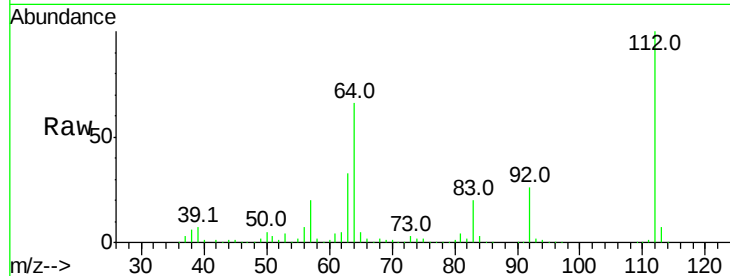
63 33.0 23.8 35.6

Manual Integrations

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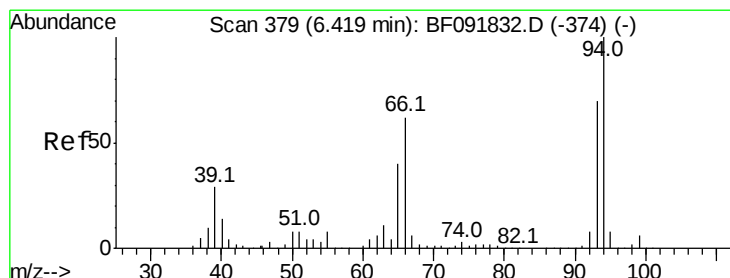
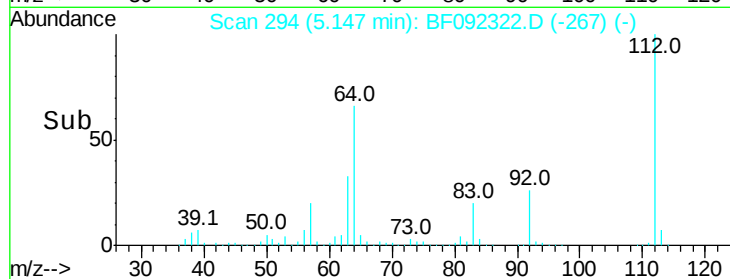
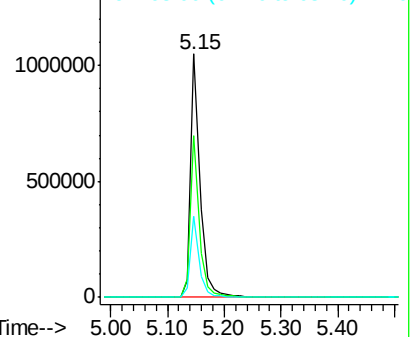
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.02 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

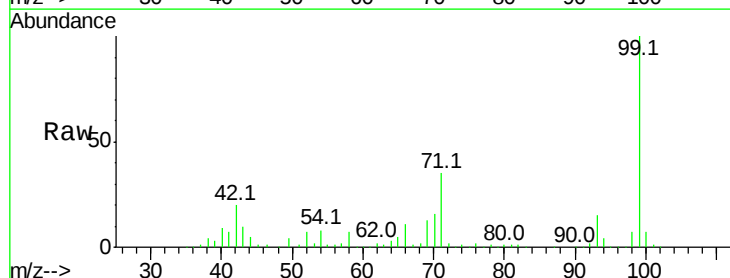
Tgt Ion: 93 Resp: 222992

Ion Ratio Lower Upper

93 100

66 75.5 76.2 114.2#

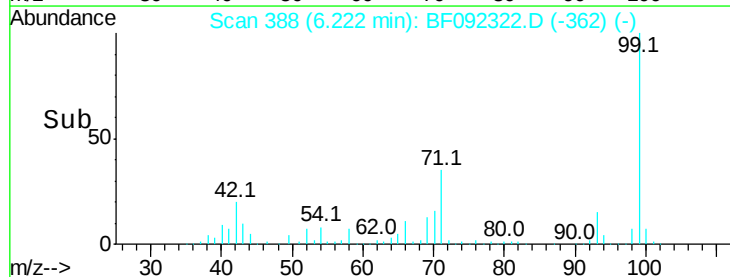
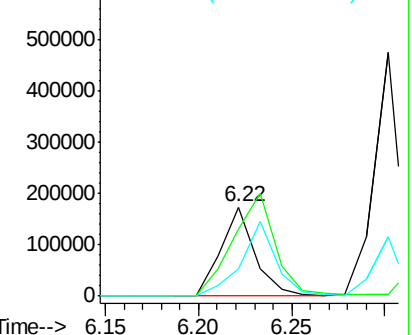
65 30.4 49.3 73.9#

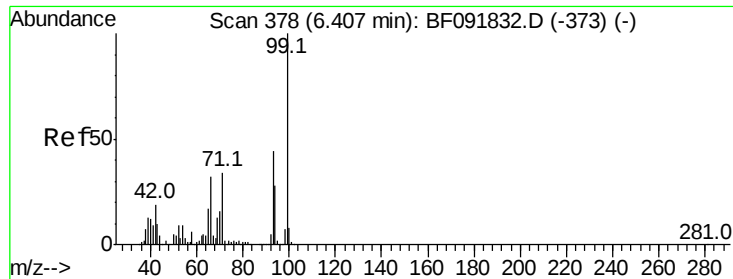


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.15 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tot Ion: 99 Resp: 1407664

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

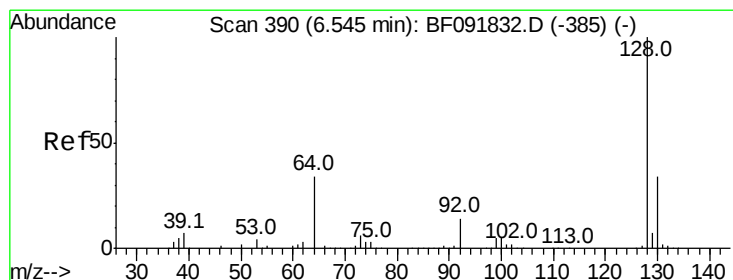
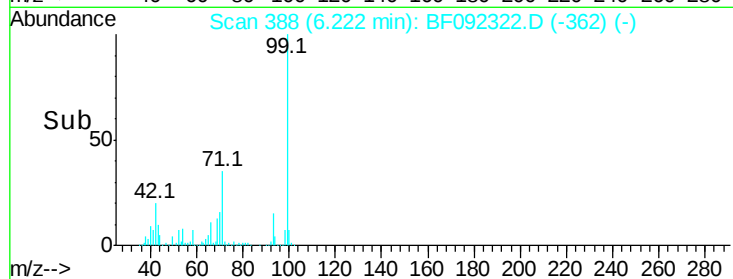
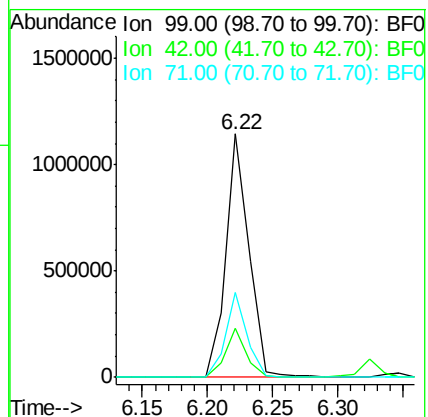
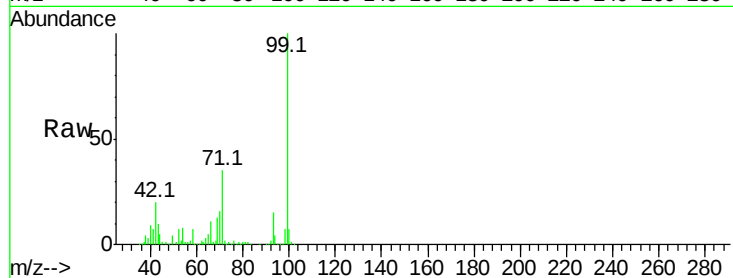
71 34.7 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.63 ng

RT: 6.35 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

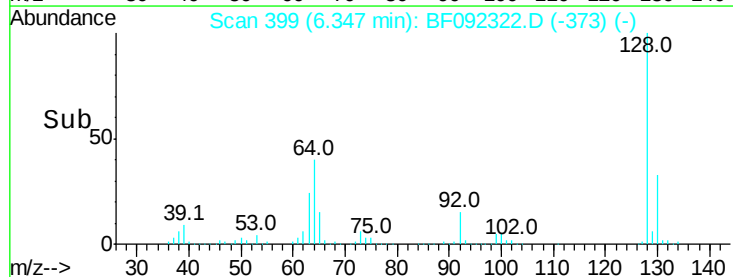
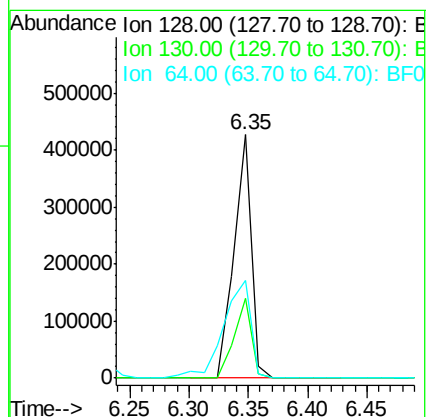
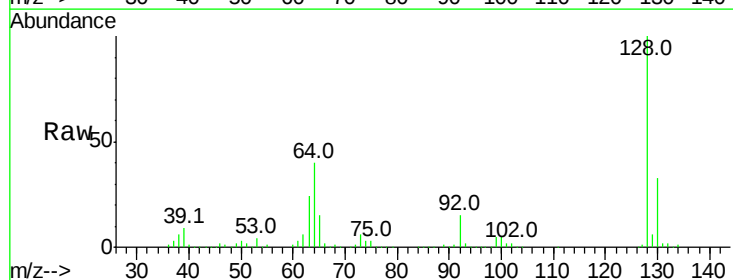
Tgt Ion:128 Resp: 432646

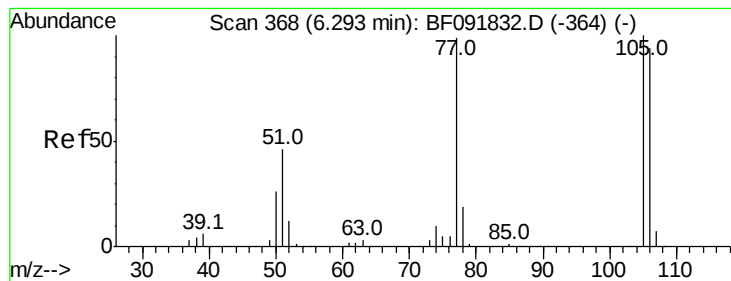
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 40.1 32.2 72.2





#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.11 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tot Ion: 77 Resp: 20758

Ion Ratio Lower Upper

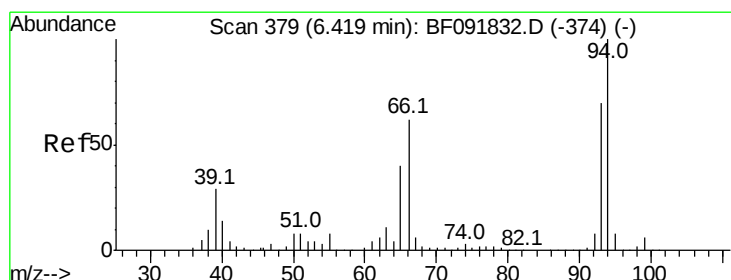
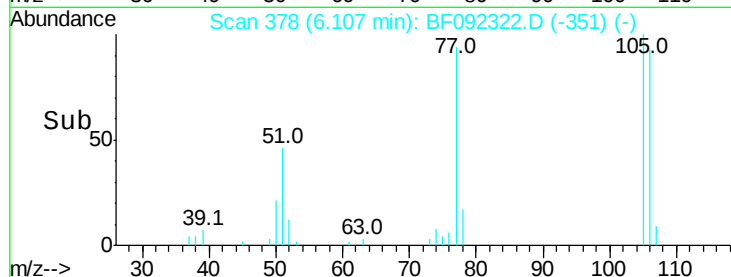
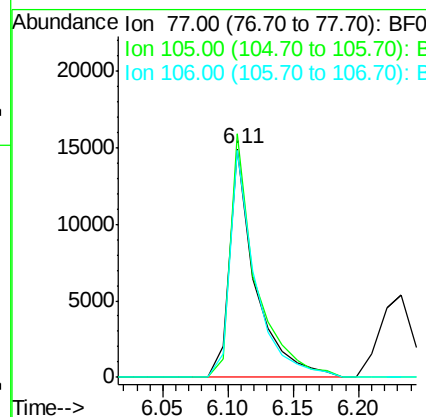
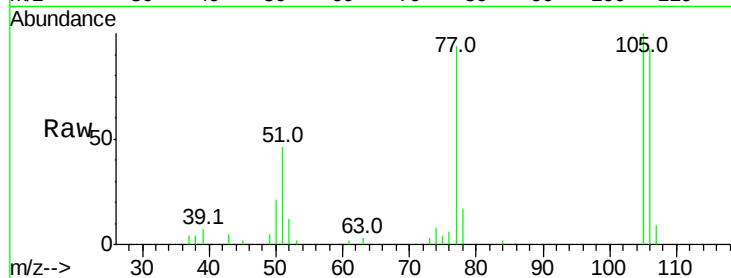
77 100

105 106.7 83.9 123.9

106 99.2 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 37.41 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

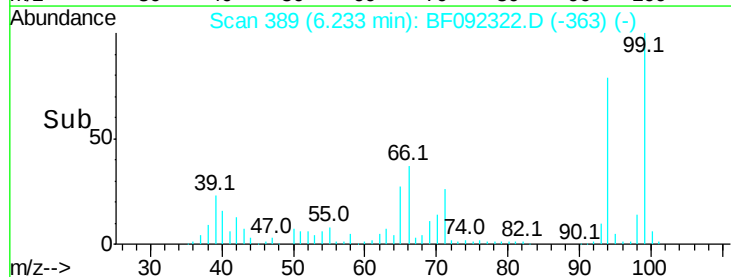
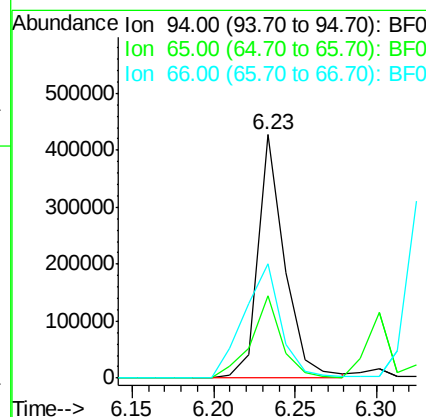
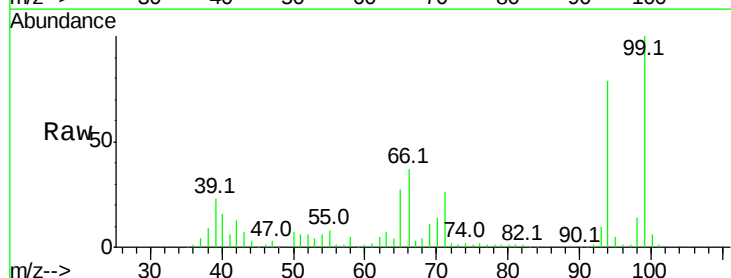
Tgt Ion: 94 Resp: 487298

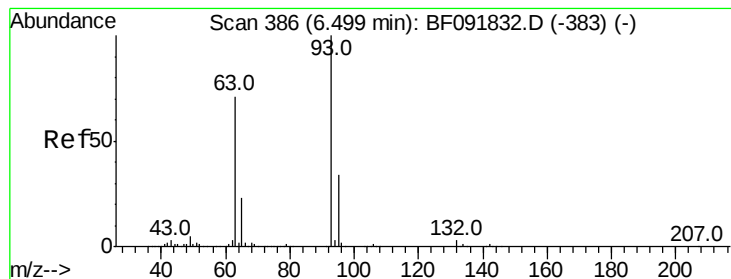
Ion Ratio Lower Upper

94 100

65 33.9 21.4 61.4

66 46.8 44.0 84.0





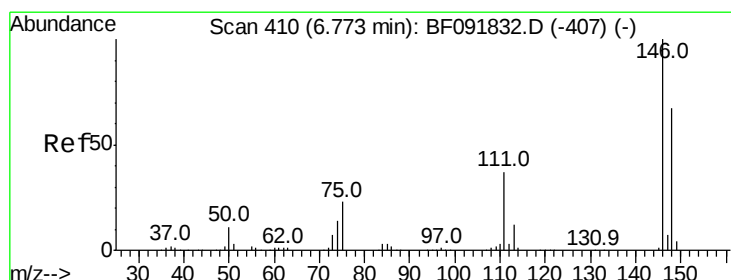
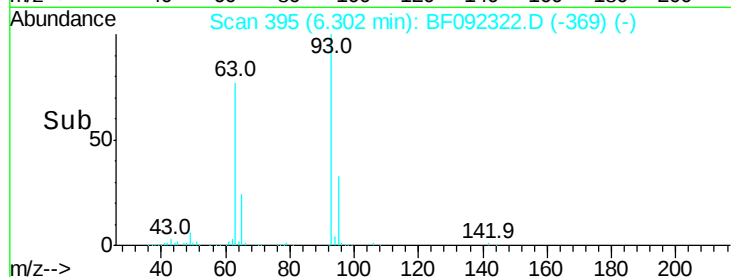
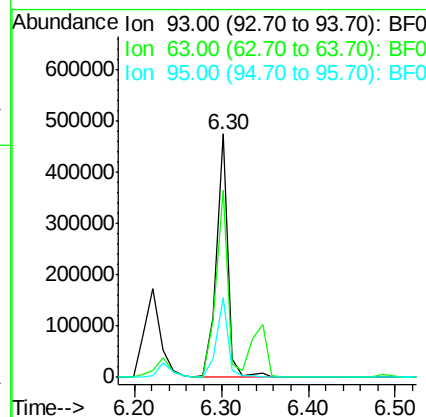
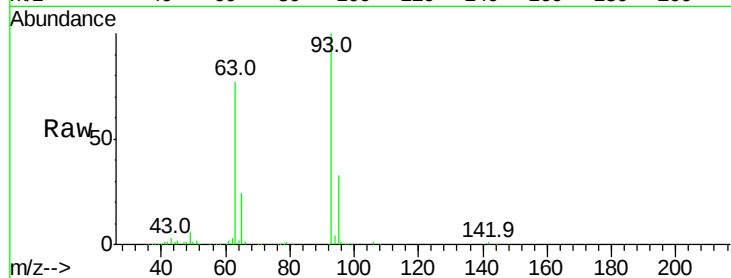
#11
bis(2-Chloroethyl)ether
Concen: 42.98 ng
RT: 6.30 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.1	60.4	100.4
95	32.8	12.8	52.8

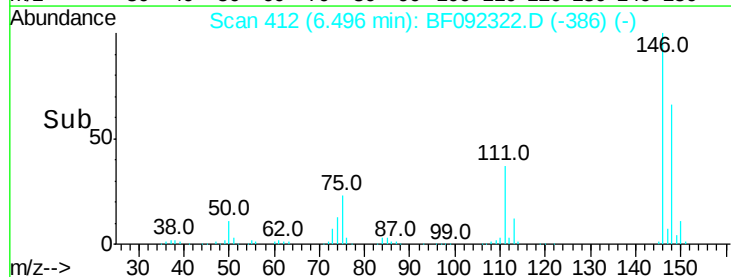
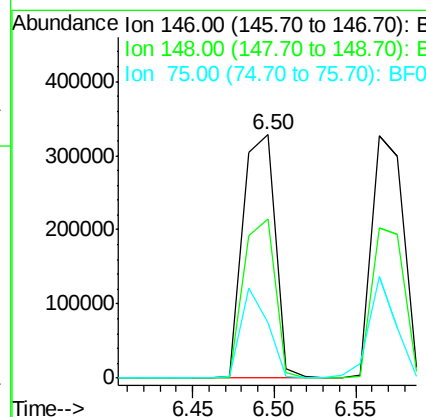
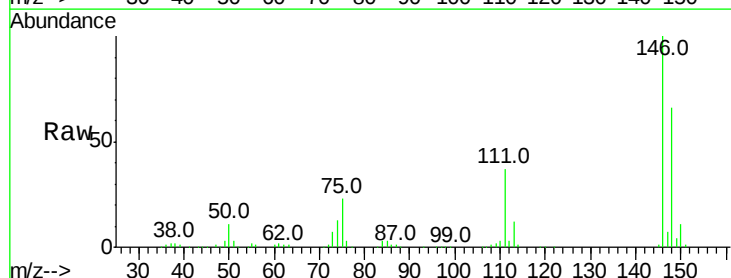
Manual Integrations
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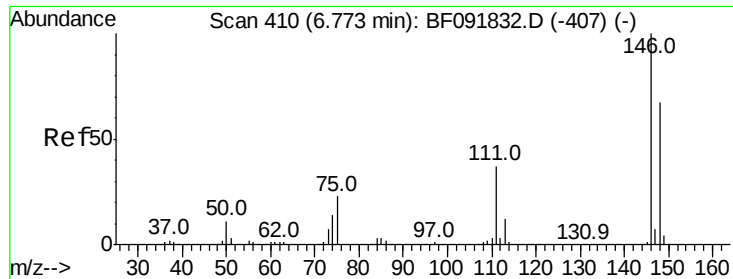
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.15 ng
RT: 6.50 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.0
75	22.6	18.5	27.7





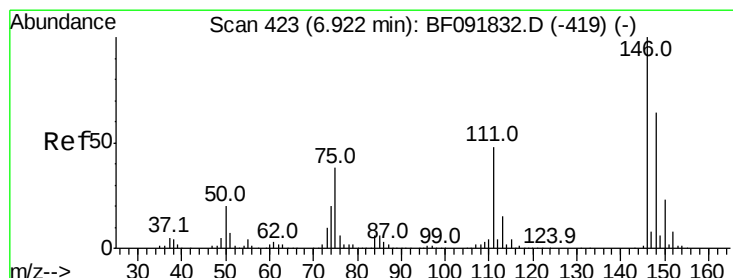
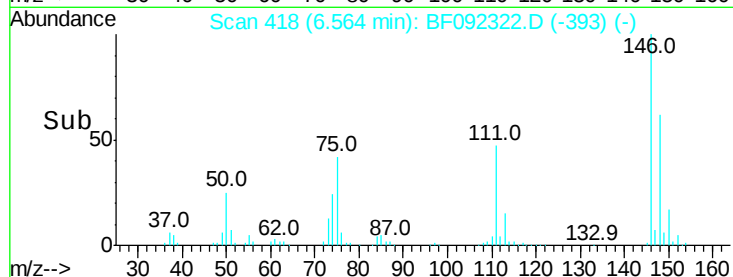
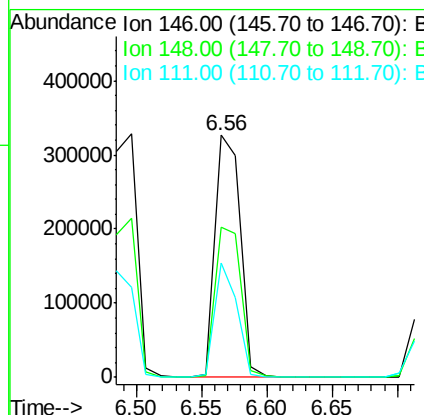
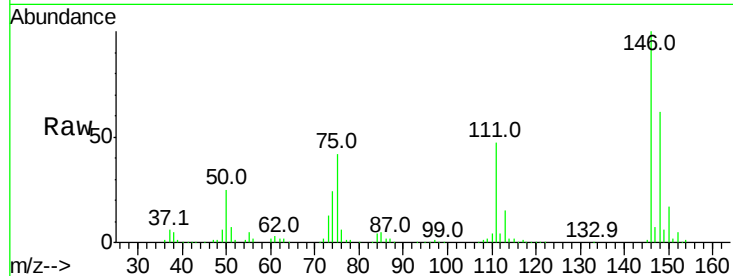
#13
 1,4-Dichlorobenzene
 Concen: 38.48 ng
 RT: 6.56 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	47.3	36.2	54.4

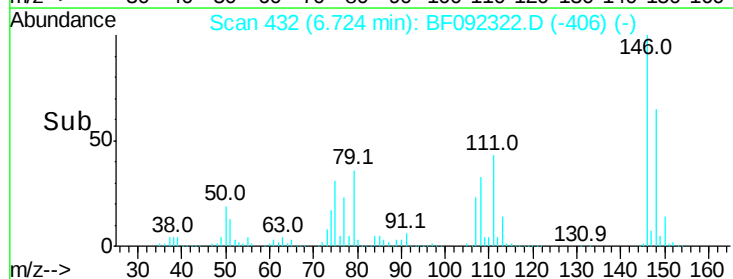
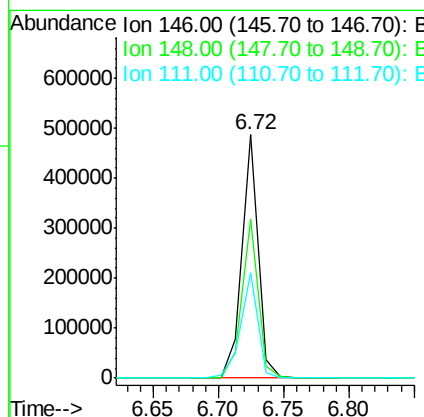
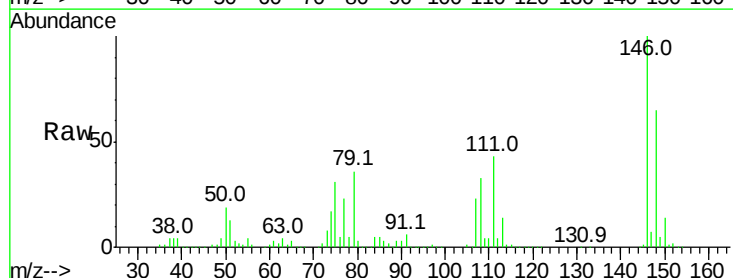
Manual Integrations
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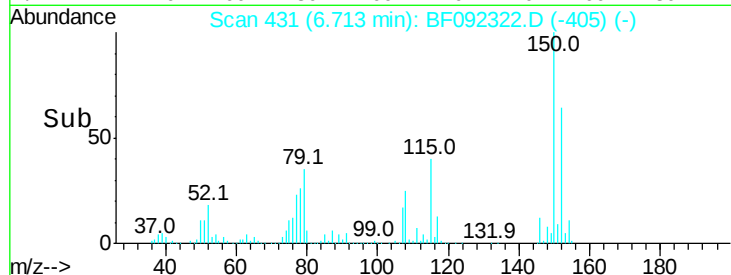
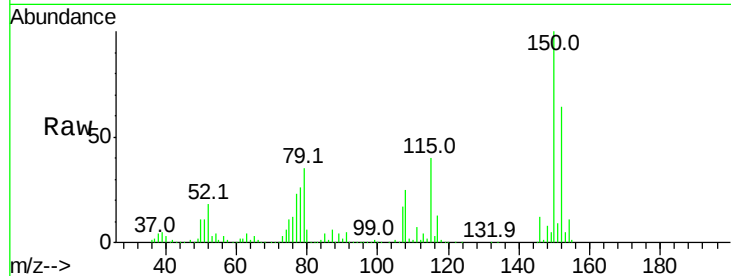
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#14
 1,2-Dichlorobenzene
 Concen: 41.54 ng
 RT: 6.72 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	43.4	36.2	54.2





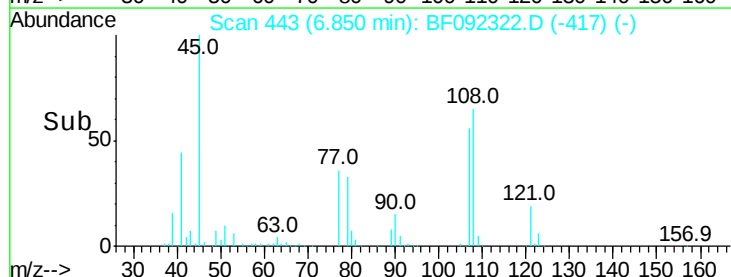
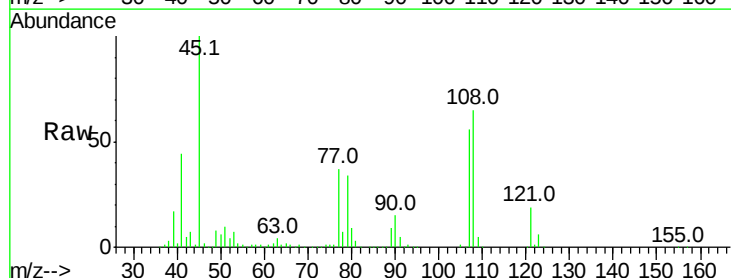
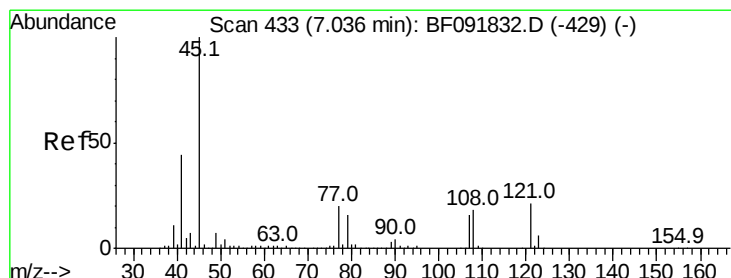
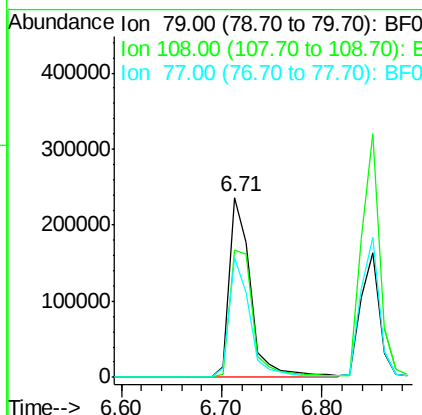
#15
Benzyl Alcohol
Concen: 39.33 ng
RT: 6.71 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	70.6	61.4	92.0	
77	66.4	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB96061BS

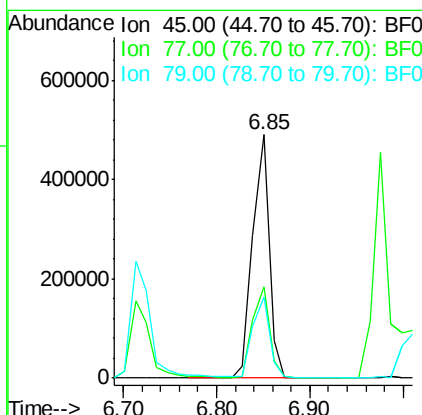
Manual Integrations
APPROVED

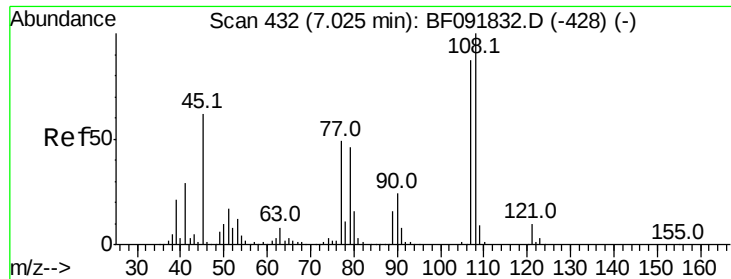
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.28 ng
RT: 6.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	37.5	0.0	34.6#	
79	33.5	0.0	31.2#	





#17

2-Methylphenol

Concen: 40.29 ng

RT: 6.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

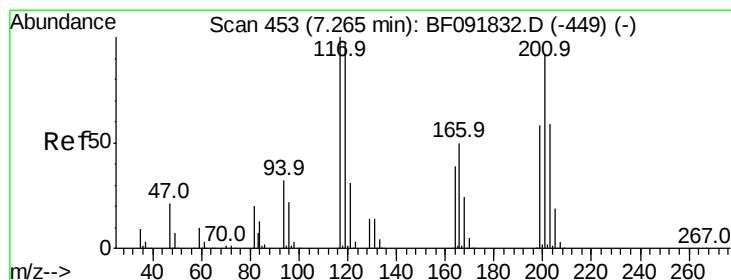
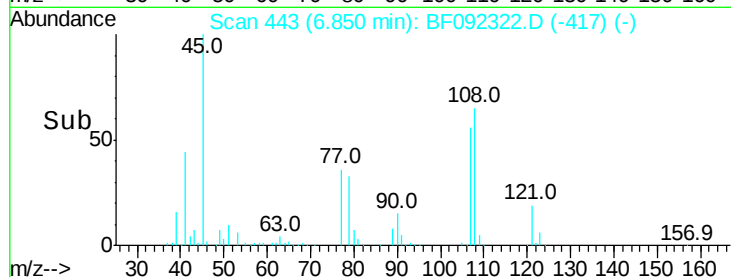
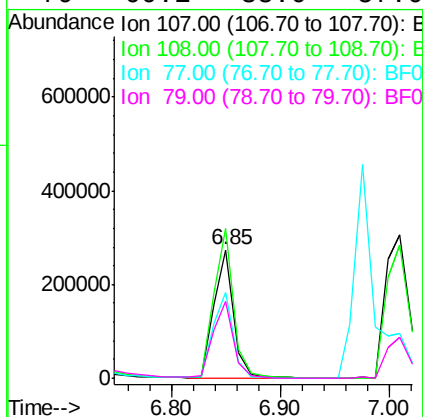
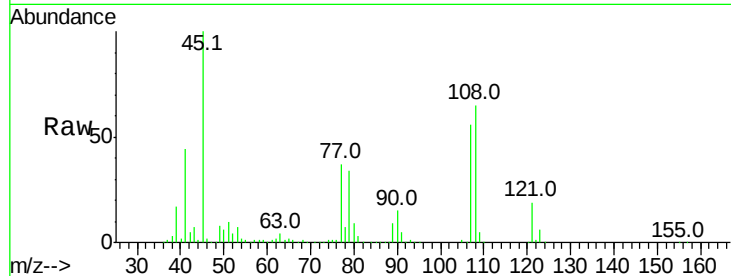
ClientSampleId :

PB96061BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	67.2	39.8	59.8#
79	60.1	38.0	57.0#

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#18

Hexachloroethane

Concen: 40.14 ng

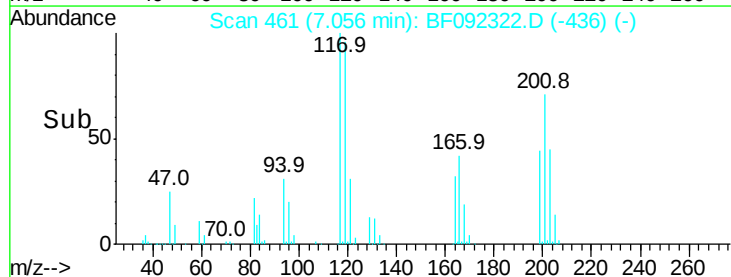
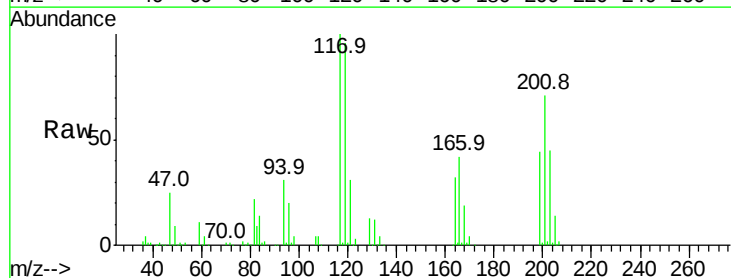
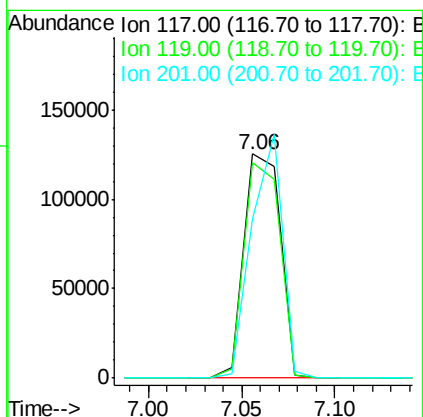
RT: 7.06 min Scan# 461

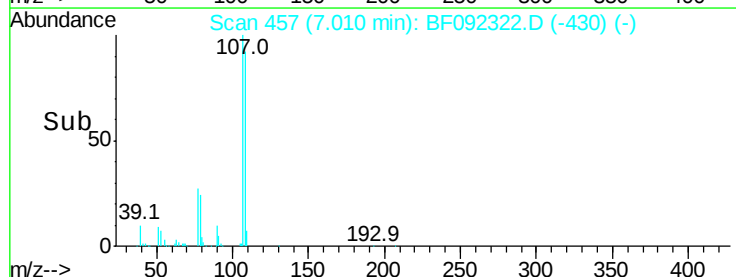
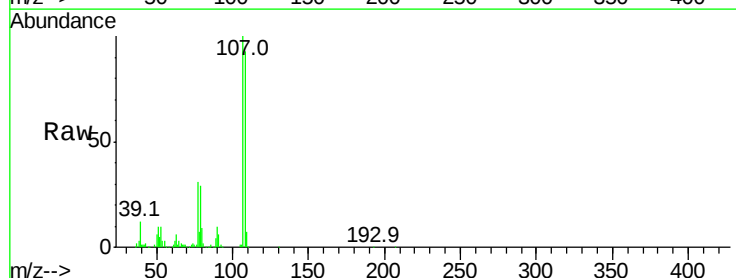
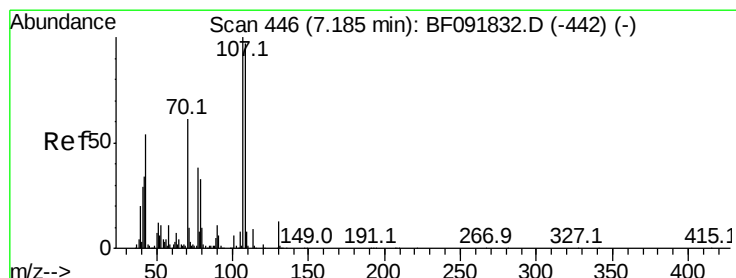
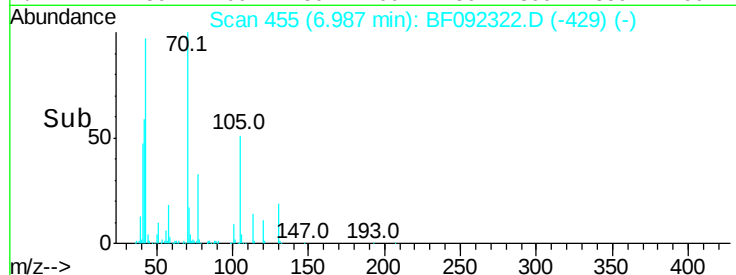
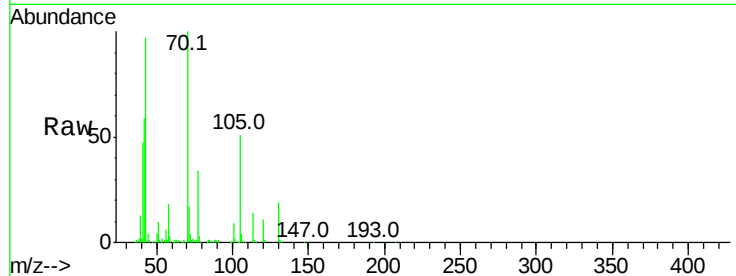
Delta R.T. -0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.1	117.1
201	70.9	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.44 ng

RT: 6.99 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF092322.D

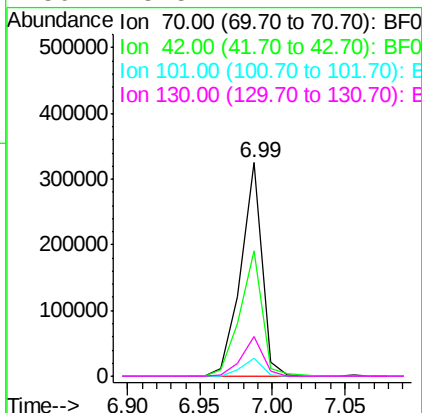
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.4	74.0
101	8.7	7.4	11.2
130	18.5	14.2	21.4

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#20

3+4-Methylphenols

Concen: 47.79 ng

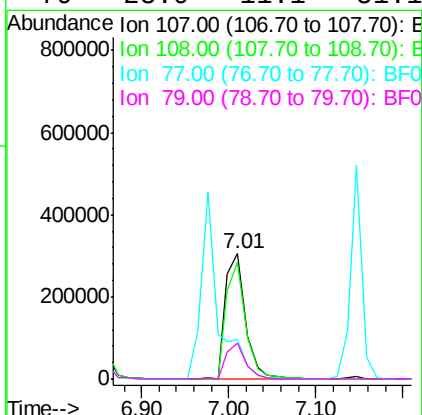
RT: 7.01 min Scan# 457

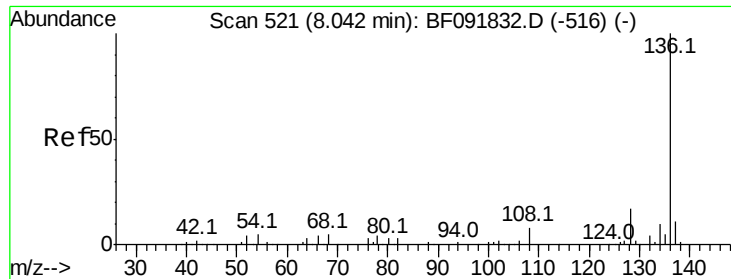
Delta R.T. 0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.0	113.0
77	31.3	71.3	111.3#
79	28.9	11.1	51.1





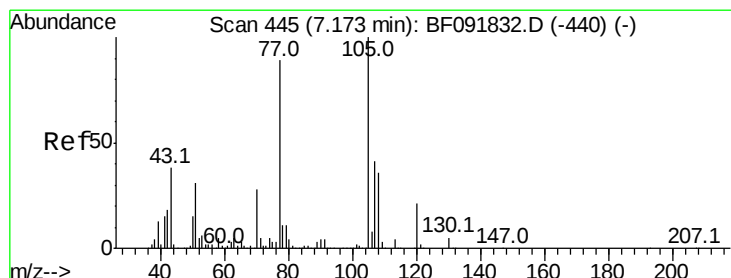
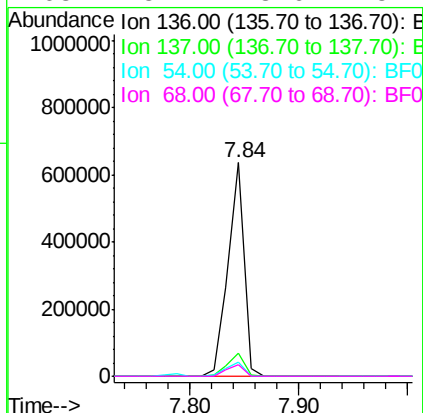
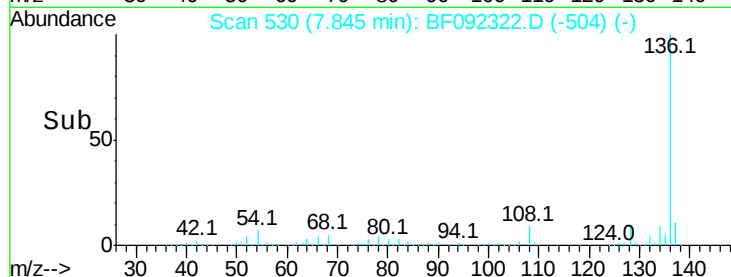
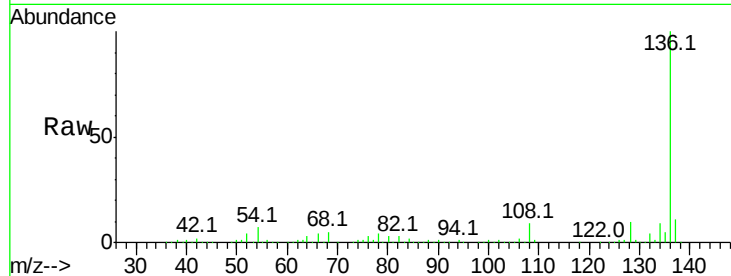
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	647620		
137	10.9		8.4	12.6
54	6.7		4.5	6.7
68	5.4		3.6	5.4#

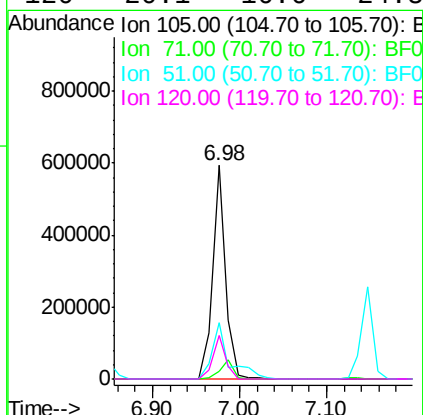
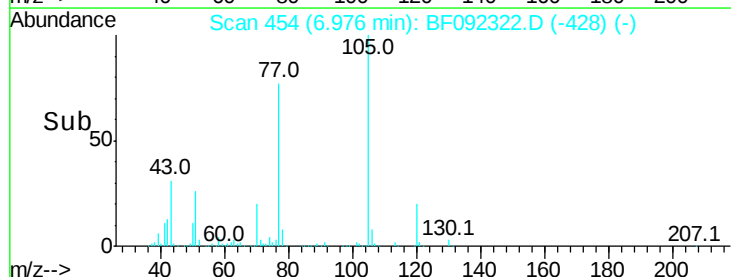
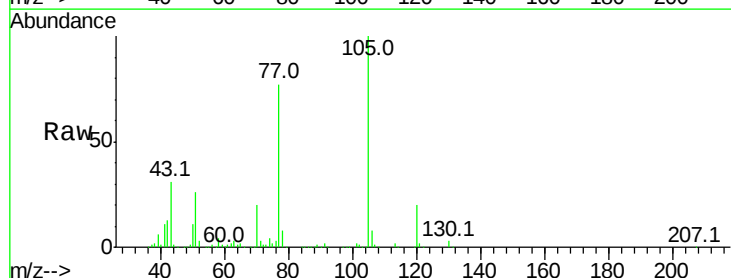
Manual Integrations
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#22
Acetophenone
Concen: 38.87 ng
RT: 6.98 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620934		
71	3.4		3.2	4.8
51	26.5		26.2	39.4
120	20.1		16.6	24.8





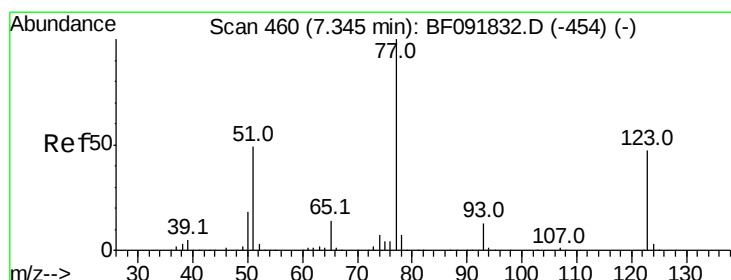
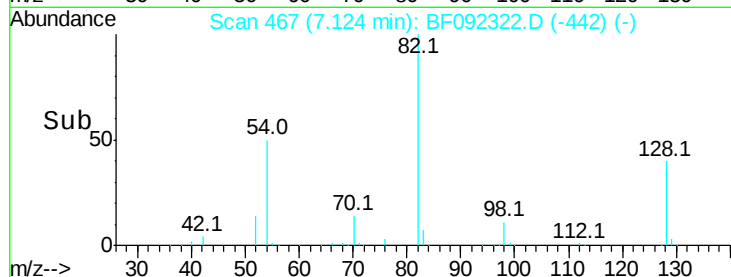
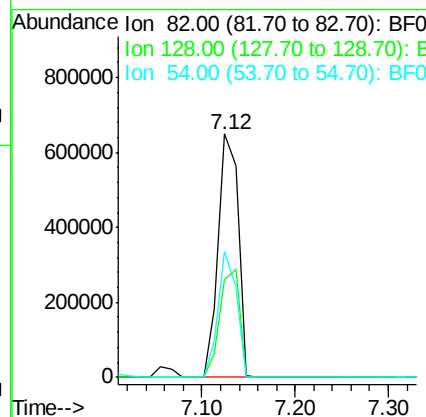
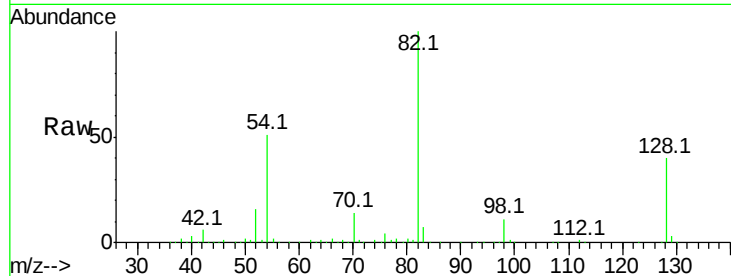
#23
Nitrobenzene-d5
Concen: 82.72 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	34.6	52.0	
54	51.4	39.5	59.3	

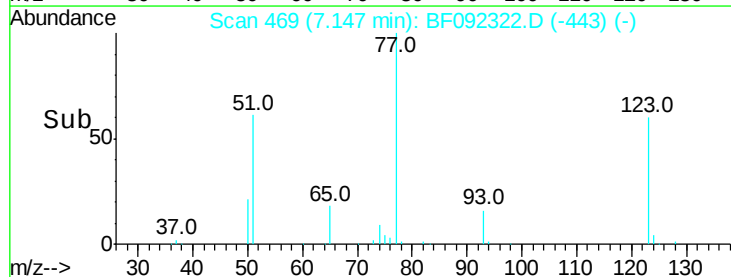
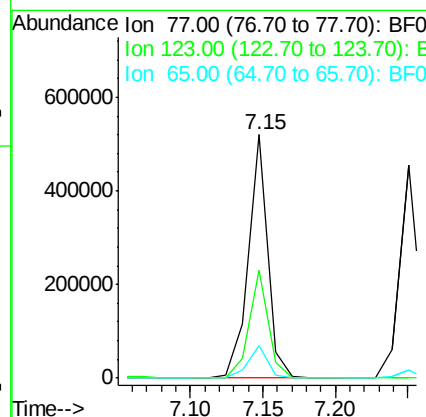
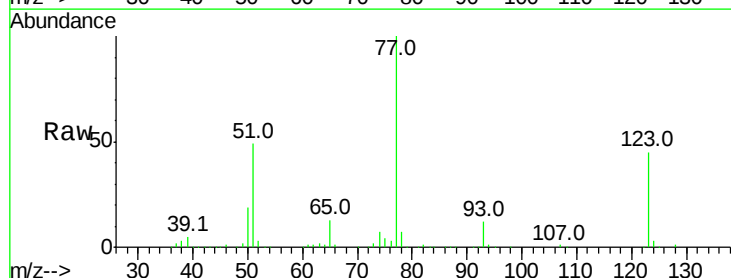
Manual Integrations
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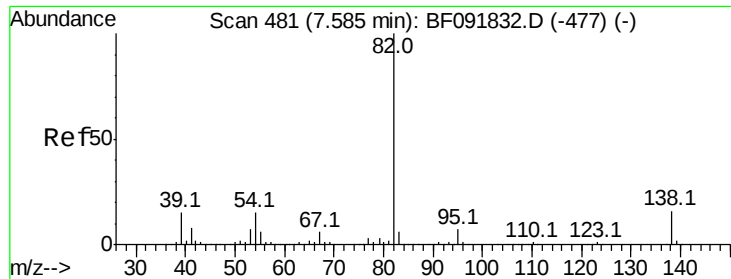
mohammad
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#24
Nitrobenzene
Concen: 38.54 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.6	33.0	49.4	
65	13.4	11.2	16.8	





#25

Isophorone

Concen: 38.93 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

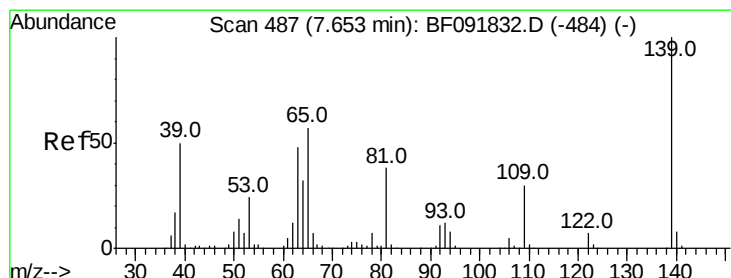
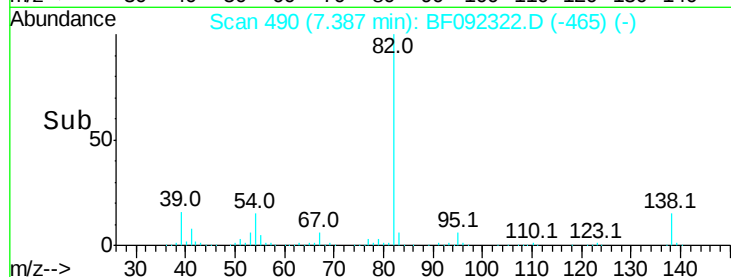
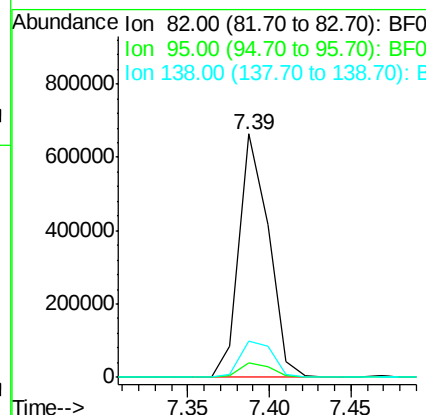
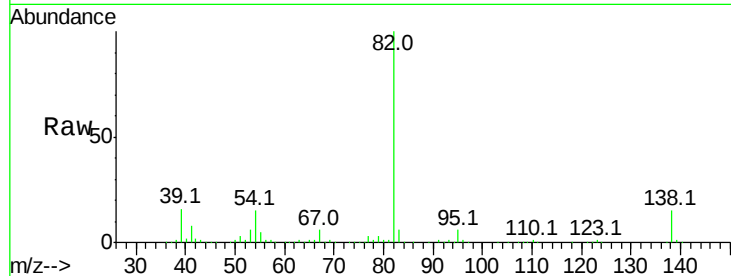
ClientSampleId :

PB96061BS

Tot Ion:	82	Resp:	836503
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.6	8.4
138	14.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.79 ng

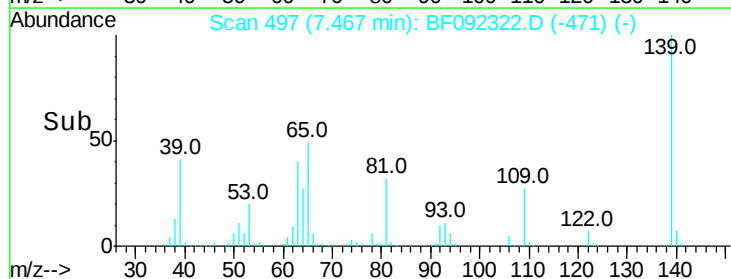
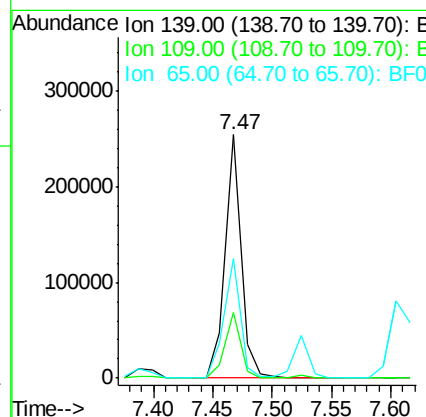
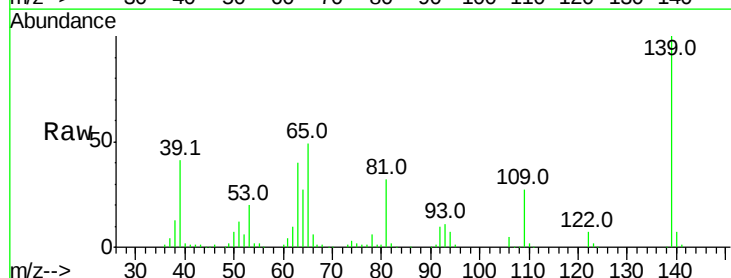
RT: 7.47 min Scan# 497

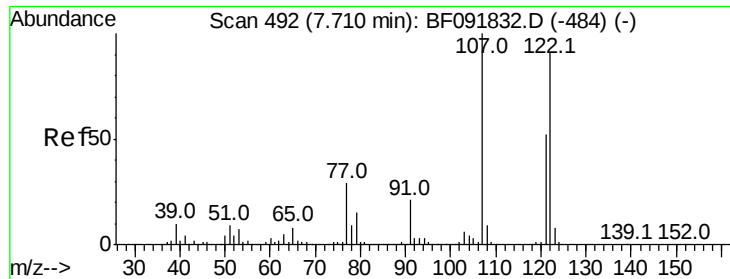
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion:	139	Resp:	237295
Ion Ratio	Lower	Upper	
139	100		
109	26.8	23.3	34.9
65	49.3	42.7	64.1





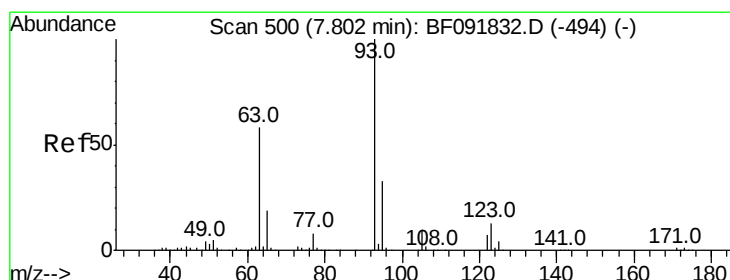
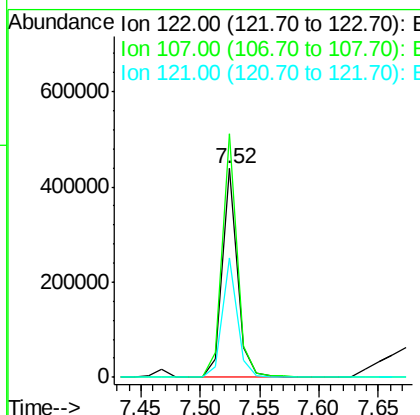
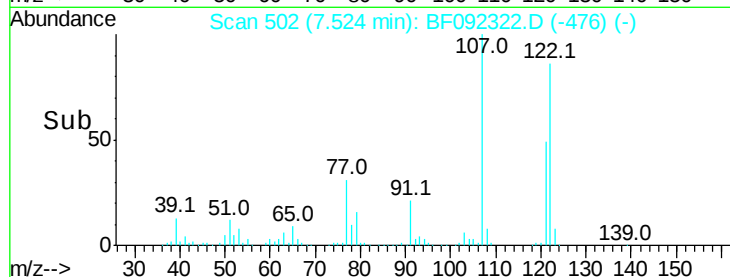
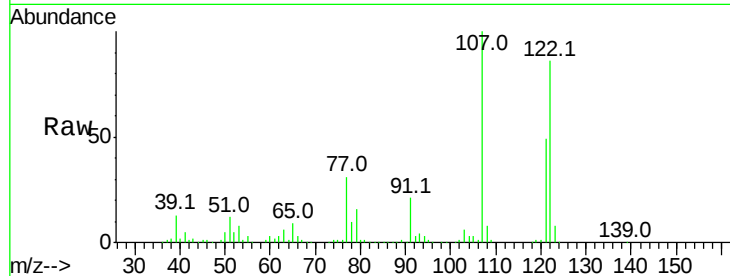
#27
 2,4-Dimethylphenol
 Concen: 37.61 ng
 RT: 7.52 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	94.1	141.1
121	57.2	46.0	69.0

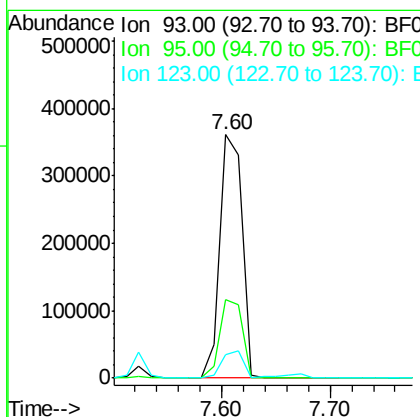
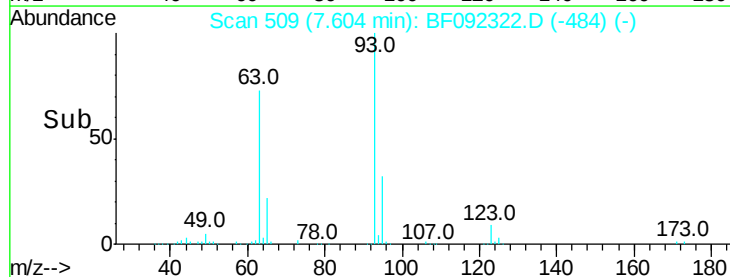
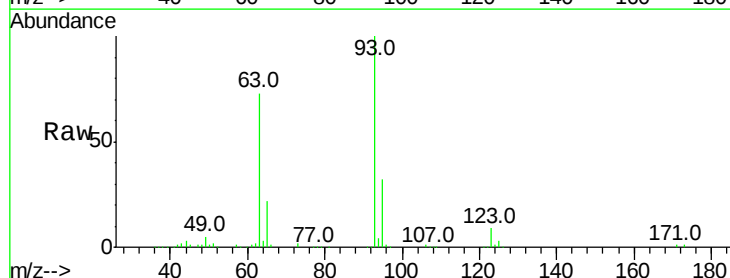
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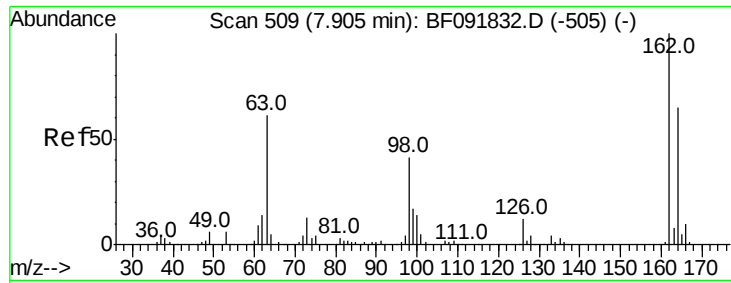
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	9.4	8.6	13.0





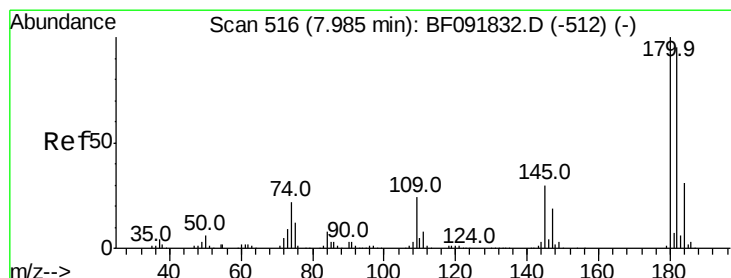
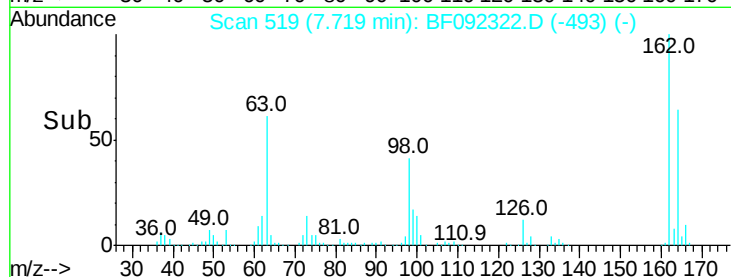
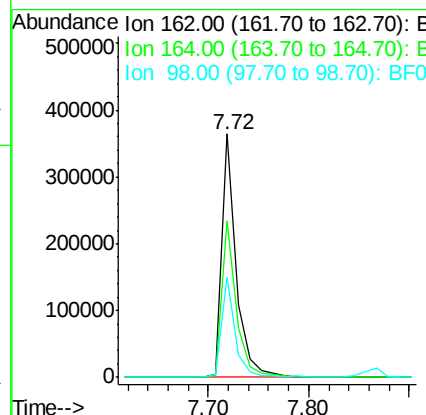
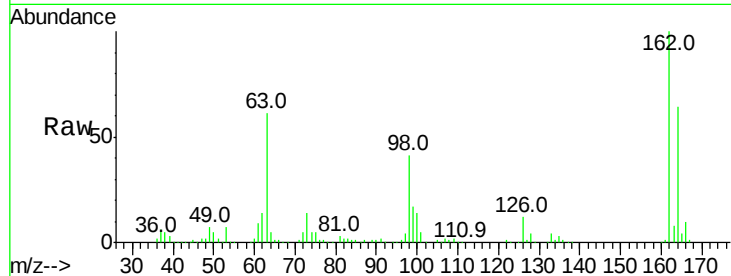
#29
 2,4-Dichlorophenol
 Concen: 42.11 ng
 RT: 7.72 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	46.8	86.8
98	41.3	9.1	49.1

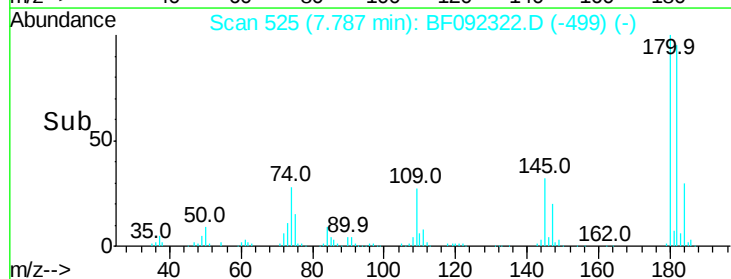
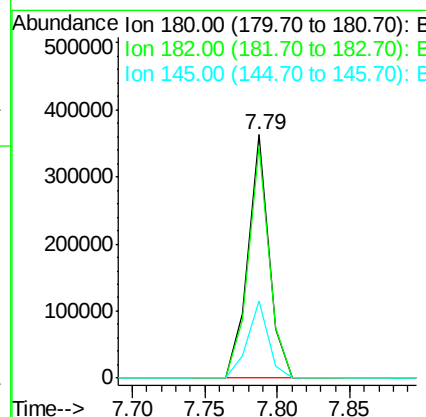
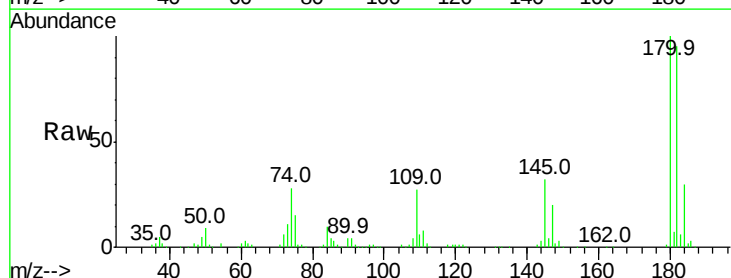
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.01 ng
 RT: 7.79 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	78.2	117.4
145	31.6	21.6	32.4





#31

Naphthalene

Concen: 41.77 ng

RT: 7.87 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tot Ion:128 Resp: 1238106

Ion Ratio Lower Upper

128 100

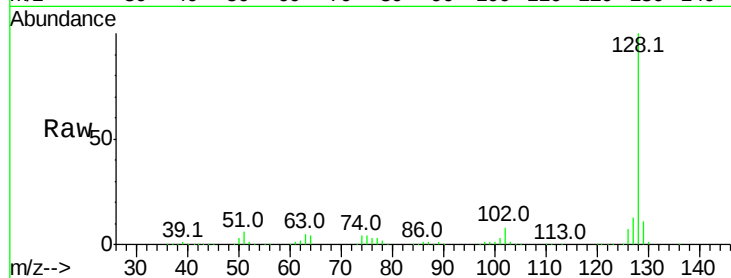
129 11.0 9.5 14.3

127 13.1 10.8 16.2

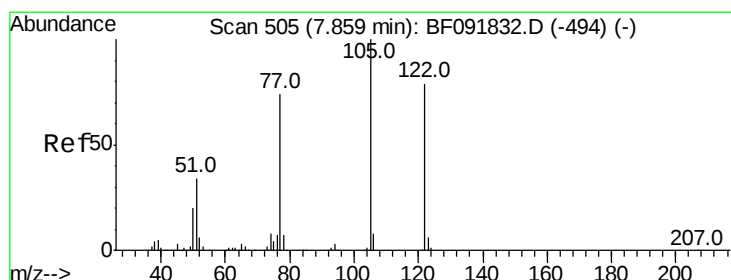
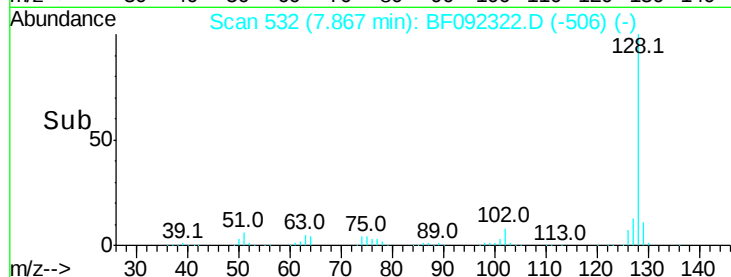
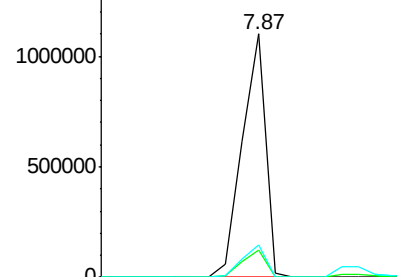
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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.22 ng

RT: 7.67 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

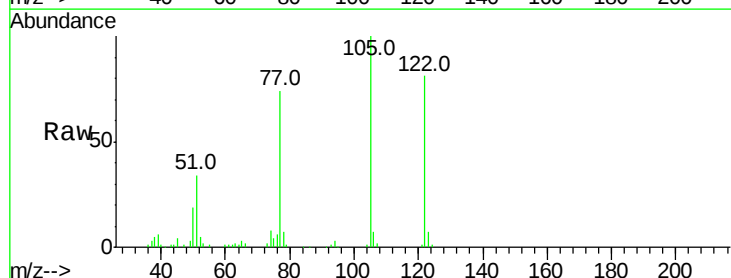
Tgt Ion:122 Resp: 137093

Ion Ratio Lower Upper

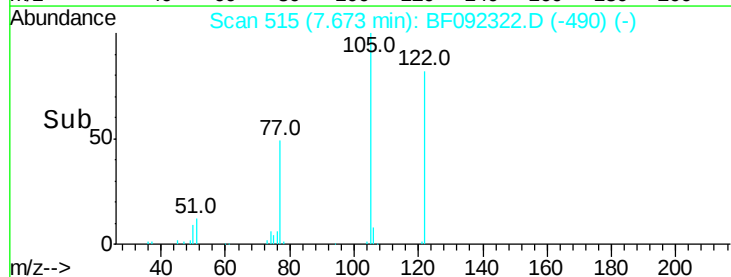
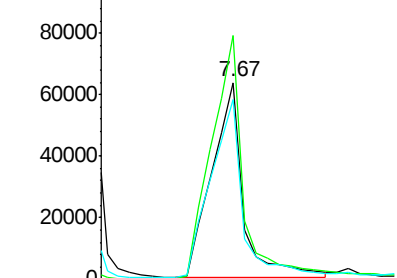
122 100

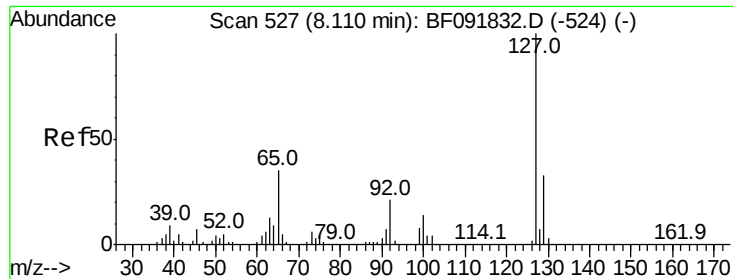
105 124.0 107.2 147.2

77 91.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
100000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





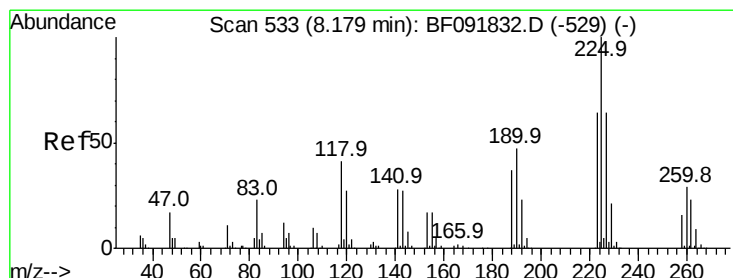
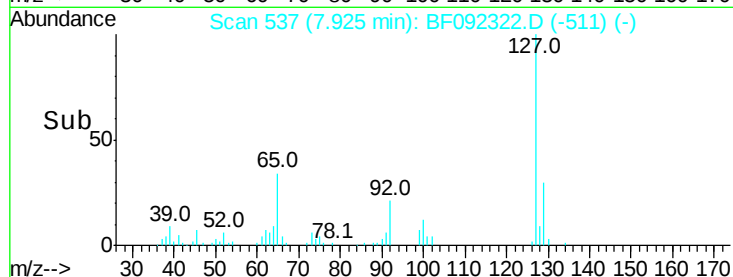
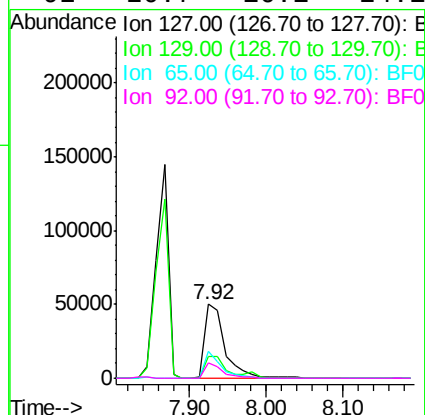
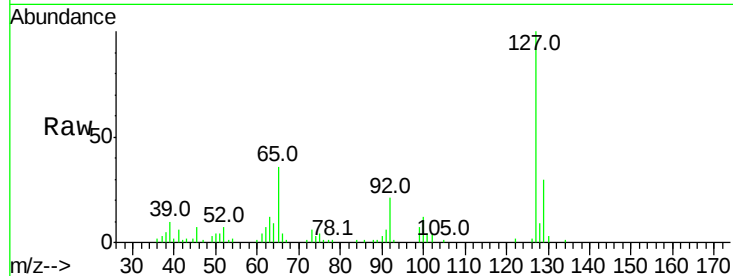
#33
4-Chloroaniline
Concen: 6.78 ng
RT: 7.92 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.1	26.3	39.5		
65	36.0	25.8	38.8		
92	20.7	16.1	24.1		

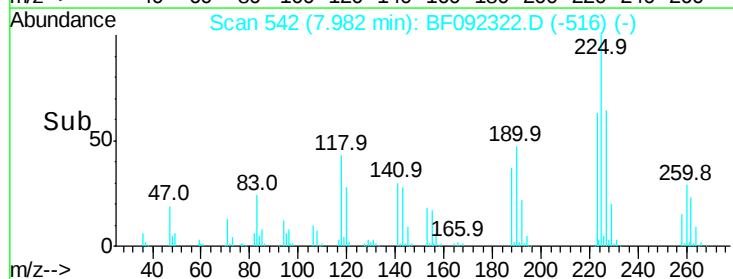
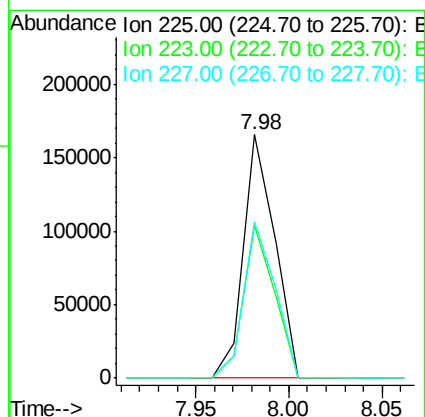
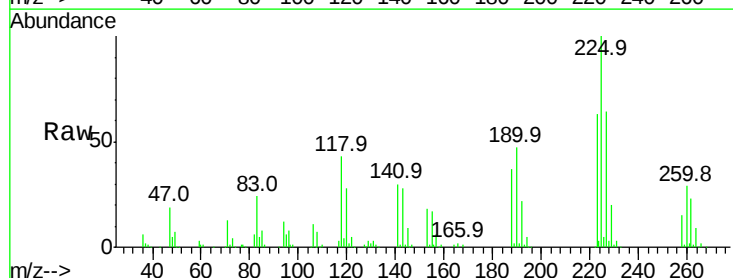
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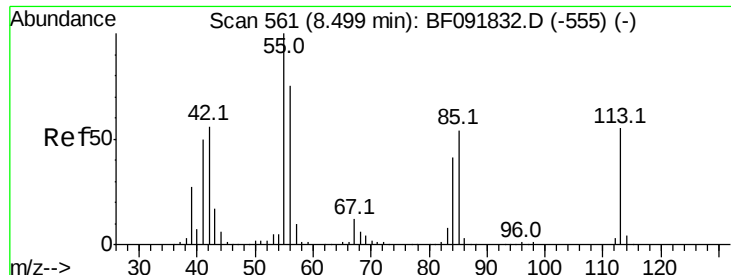
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#34
Hexachlorobutadiene
Concen: 38.86 ng
RT: 7.98 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.6		
227	64.1	50.6	76.0		





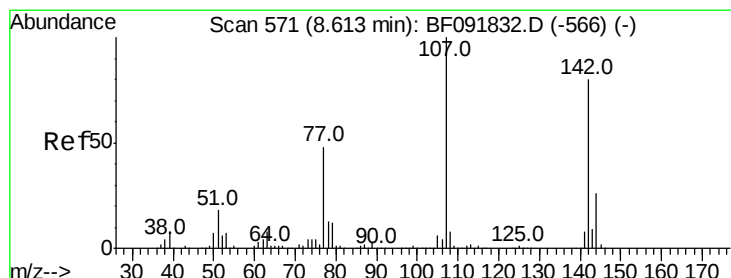
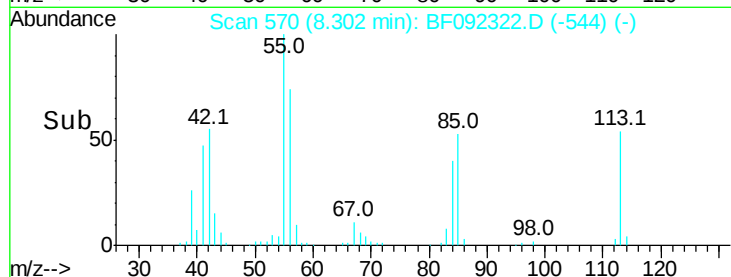
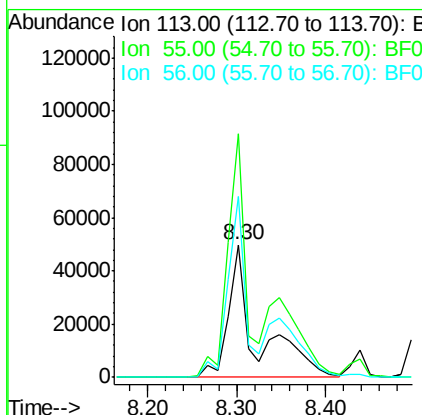
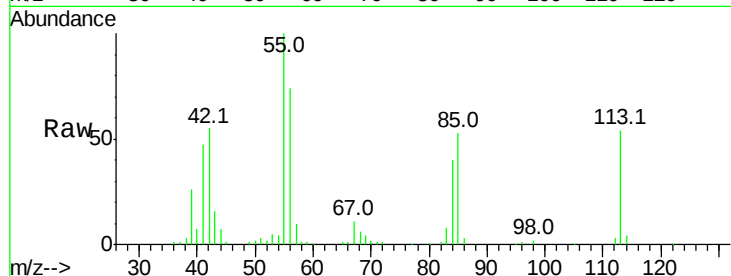
#35
 Caprolactam
 Concen: 39.30 ng/ml
 RT: 8.30 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleID :
 PB96061BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	183.8	119.2	159.2		
56	136.1	83.8	123.8		

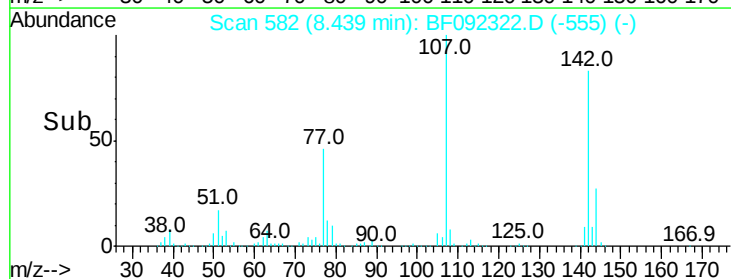
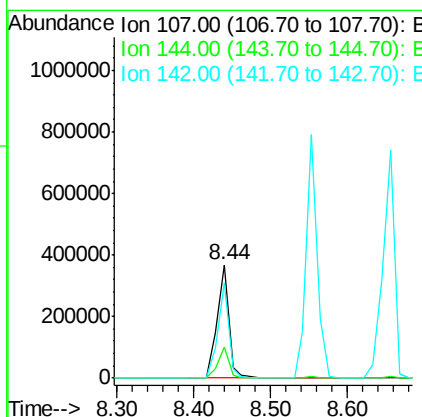
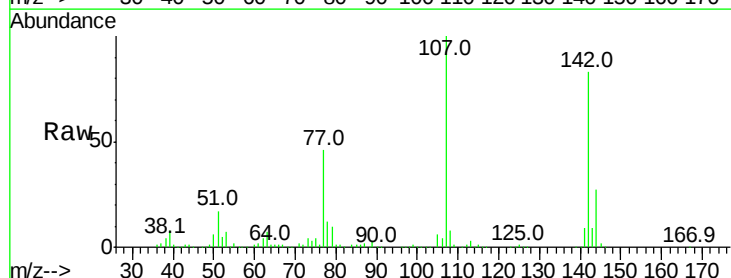
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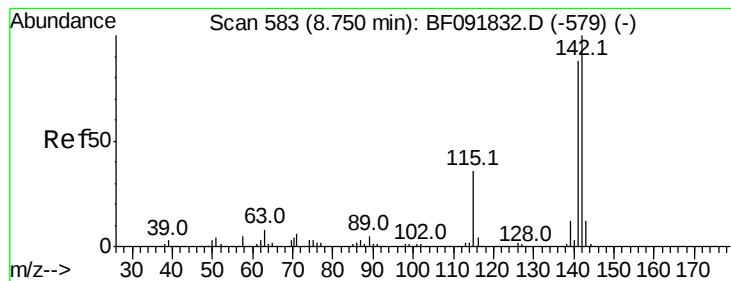
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#36
 4-Chloro-3-methylphenol
 Concen: 39.68 ng/ml
 RT: 8.44 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.3	19.3	28.9		
142	83.5	59.0	88.6		





#37

2-Methylnaphthalene

Concen: 42.82 ng

RT: 8.55 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

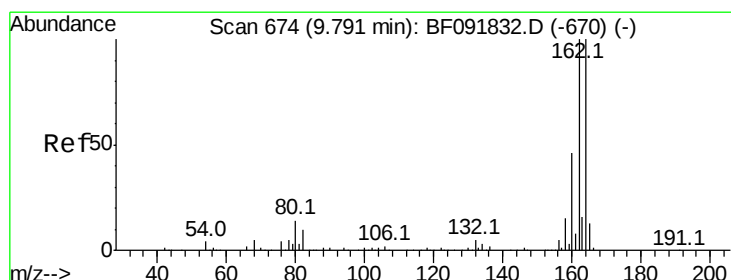
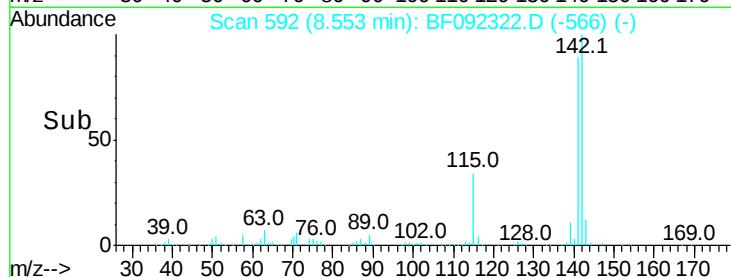
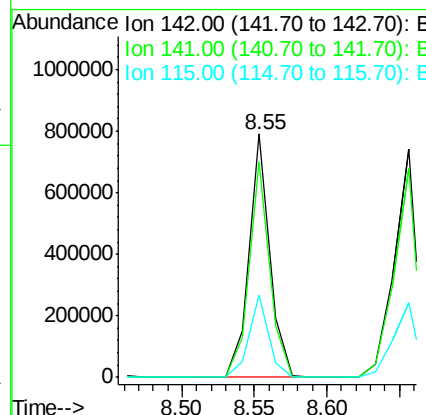
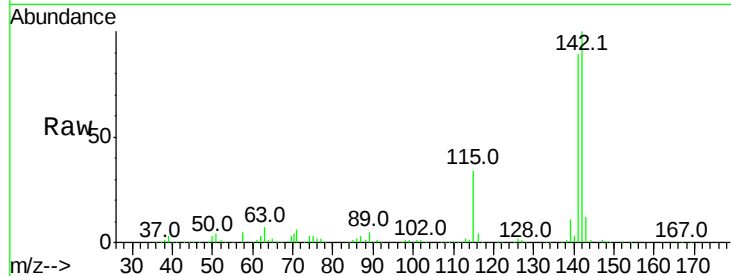
ClientSampled :

PB96061BS

Tot Ion:	142	Resp:	782708
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.0	106.6
115	33.8	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

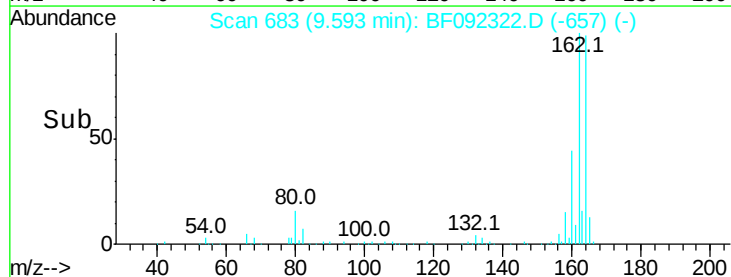
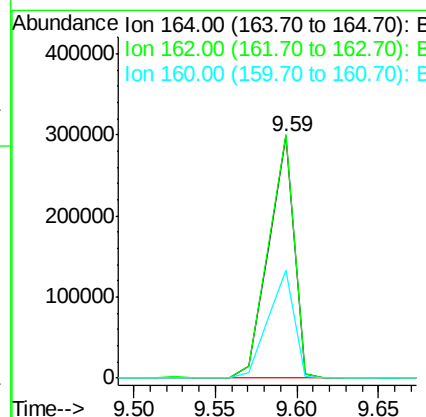
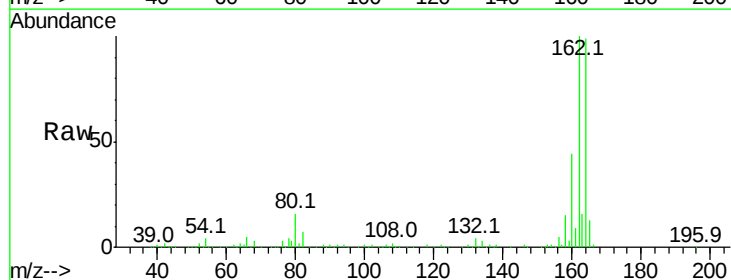
RT: 9.59 min Scan# 683

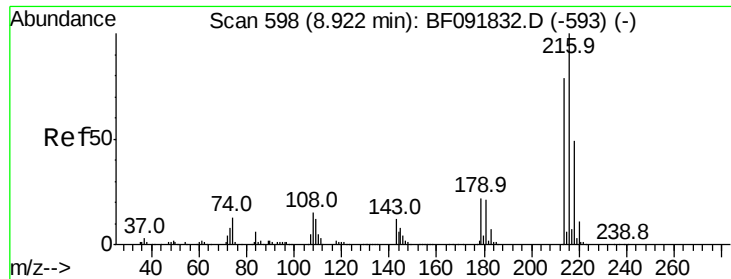
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion:	164	Resp:	326636
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.2	120.2
160	44.6	36.9	55.3





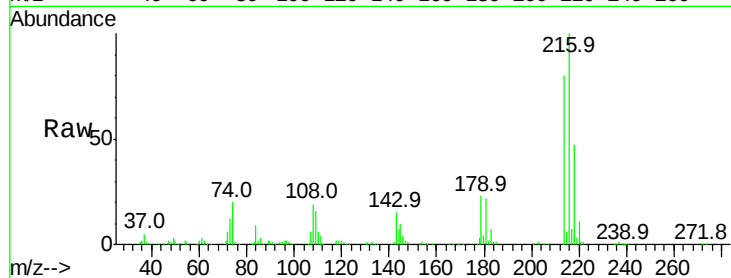
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.17 ng
RT: 8.72 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

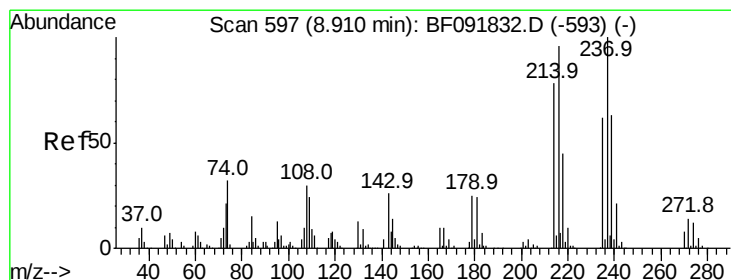
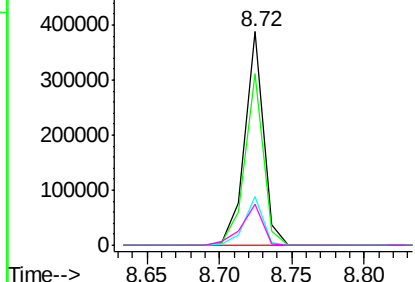
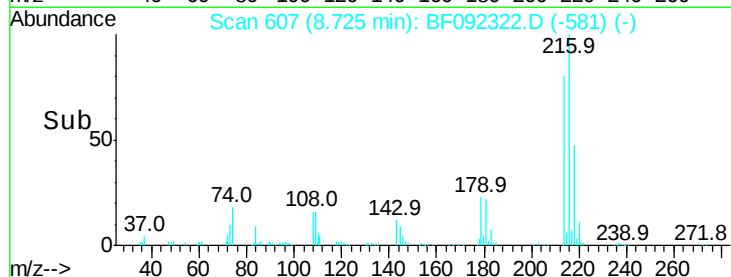
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.4	95.0	
179	22.6	17.4	26.2	
108	22.0	15.6	23.4	

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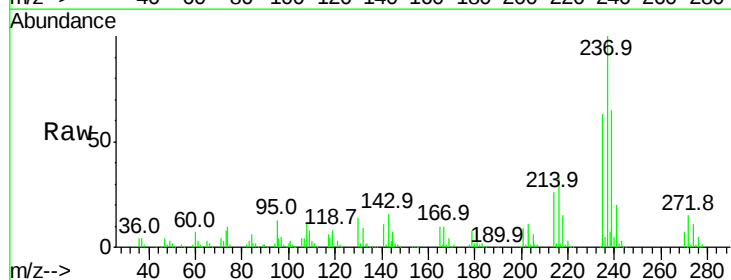


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

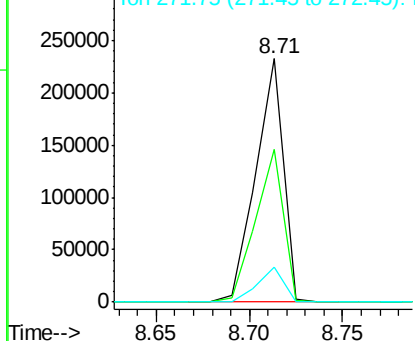
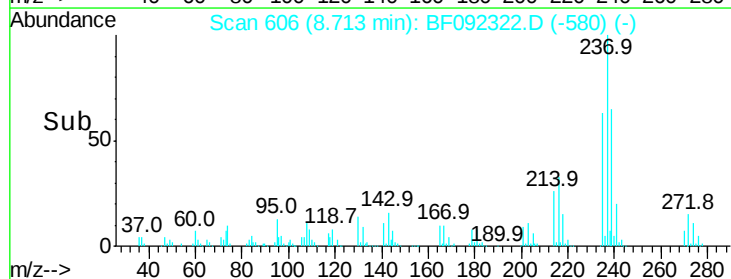


#40
Hexachlorocyclopentadiene
Concen: 65.36 ng
RT: 8.71 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	41.2	81.2	
272	14.6	0.0	35.4	



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





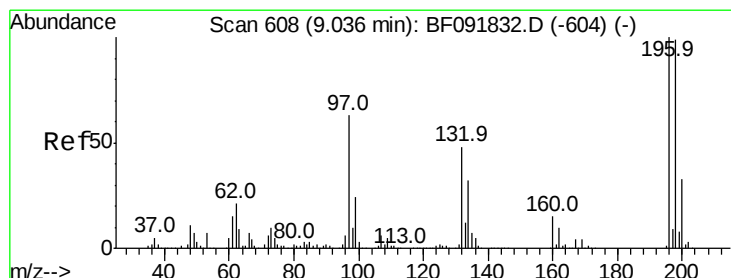
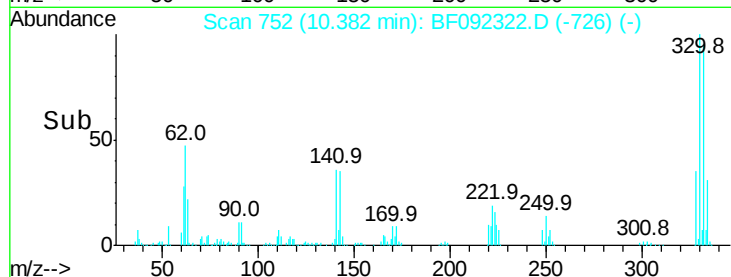
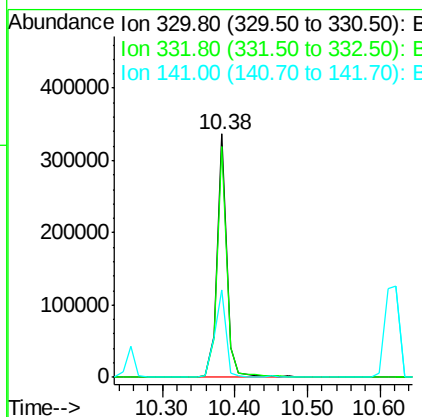
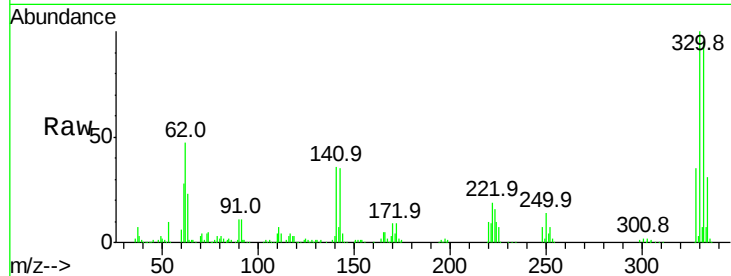
#41
 2,4,6-Tribromophenol
 Concen: 117.81 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	40.7	34.1	51.1

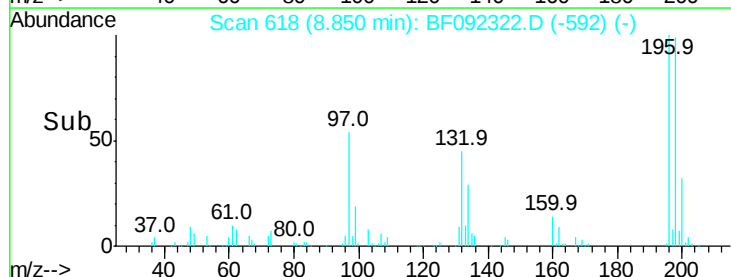
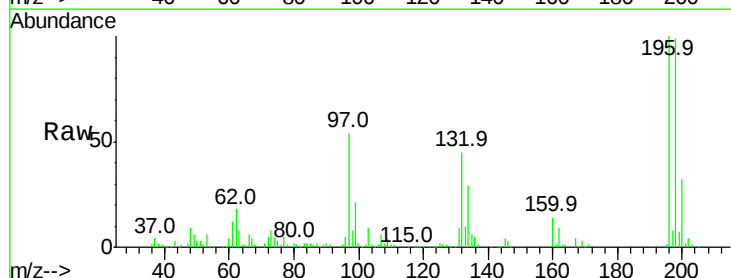
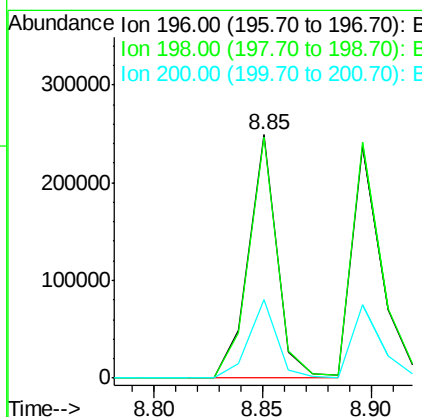
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#42
 2,4,6-Trichlorophenol
 Concen: 39.42 ng
 RT: 8.85 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	82.1	123.1
200	32.0	27.0	40.4





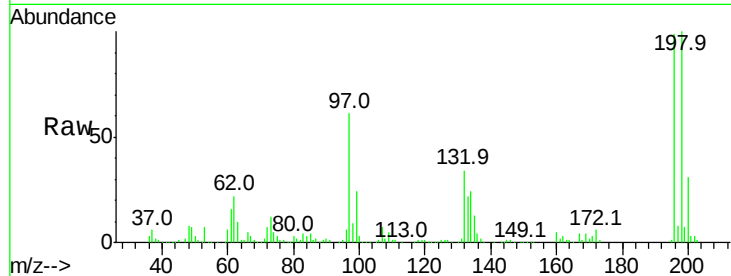
#43
 2,4,5-Trichlorophenol
 Concen: 38.73 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

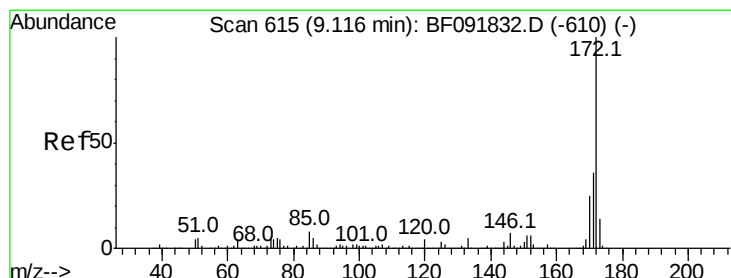
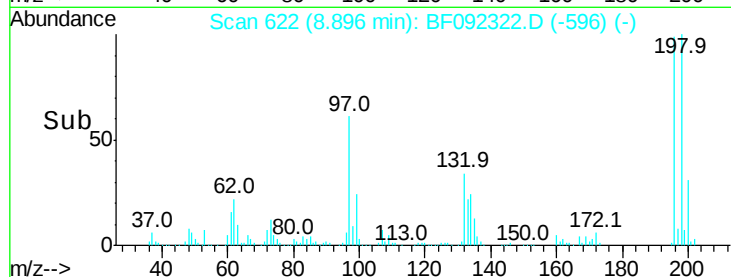
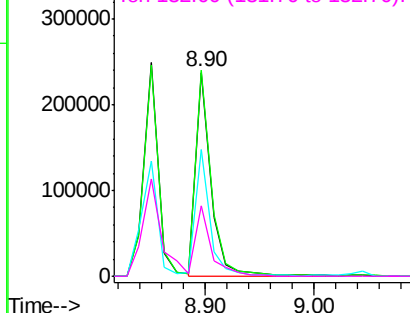
Tot Ion	Ratio	Resp	Lower	Upper
196	100	230054		
198	101.2	79.4	119.2	
97	62.1	51.5	77.3	
132	34.7	27.4	41.2	

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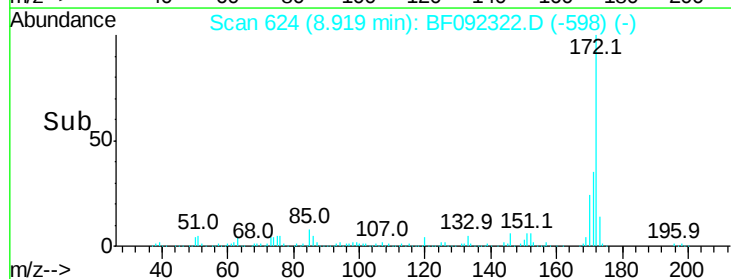
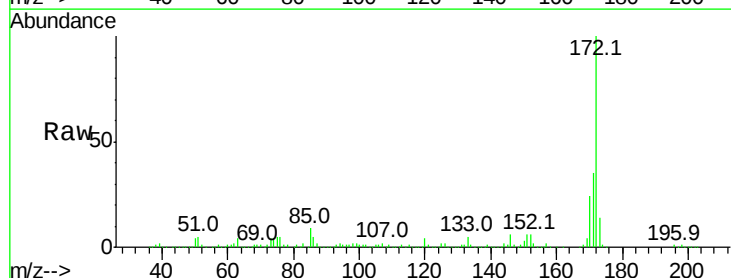
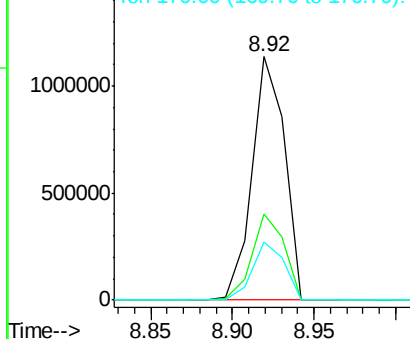
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

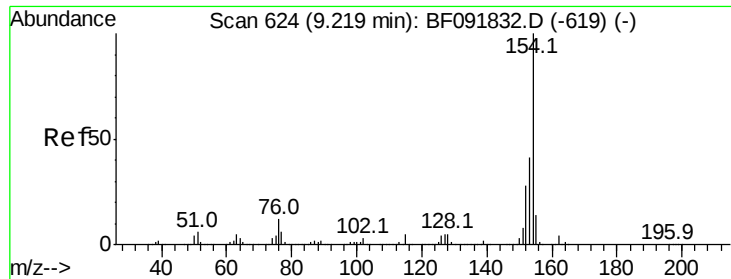


#44
 2-Fluorobiphenyl
 Concen: 101.03 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1571803		
171	35.3	29.4	44.0	
170	23.8	20.2	30.4	

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





#45

1,1'-Biphenyl

Concen: 45.06 ng

RT: 9.02 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tot Ion:154 Resp: 1007806

Ion Ratio Lower Upper

154 100

153 39.9 20.9 60.9

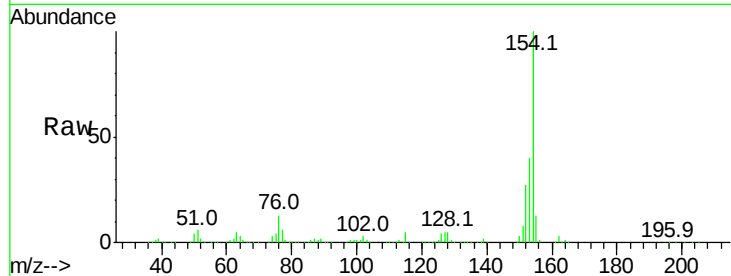
76 12.7 0.0 30.5

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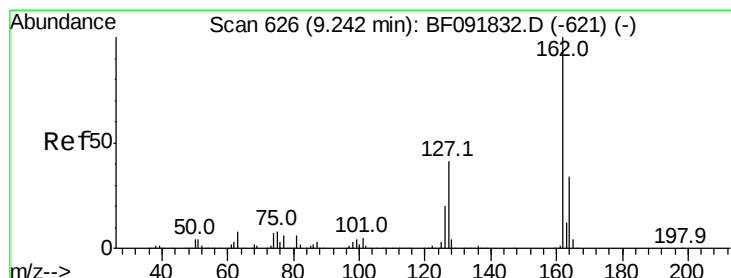
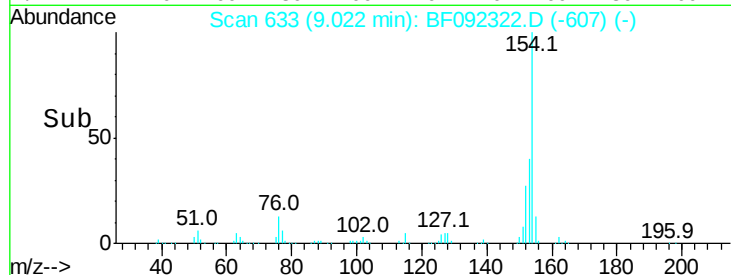
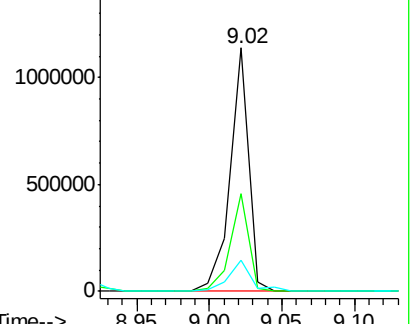
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.87 ng

RT: 9.04 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

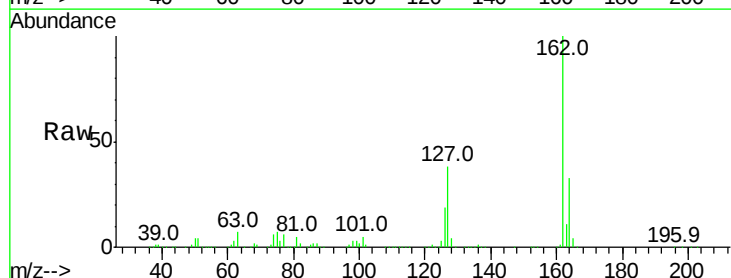
Tgt Ion:162 Resp: 759244

Ion Ratio Lower Upper

162 100

127 38.1 30.7 46.1

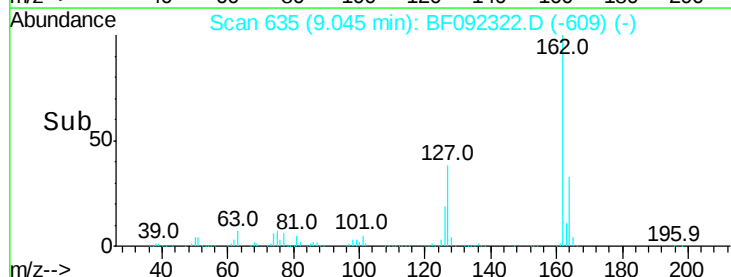
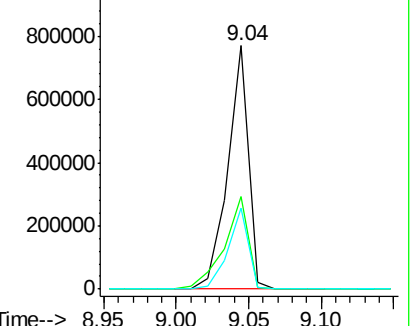
164 33.1 27.6 41.4

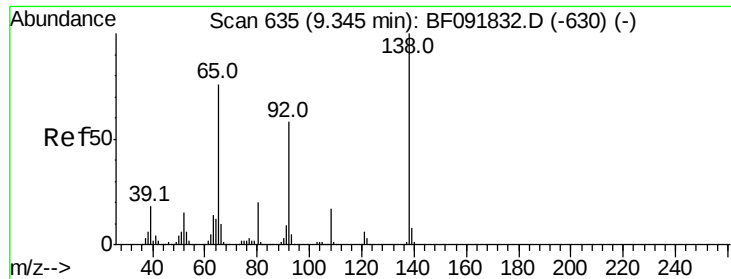


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





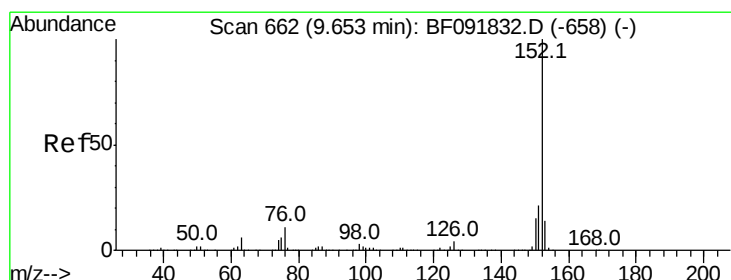
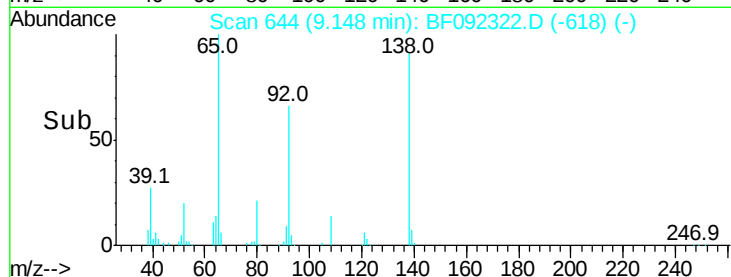
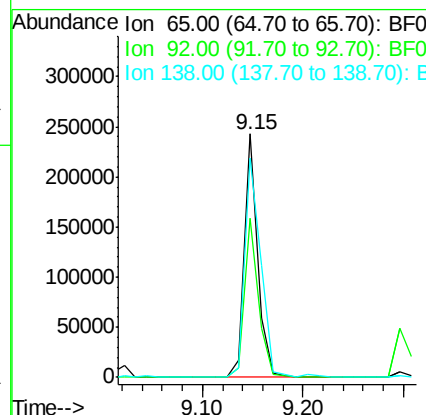
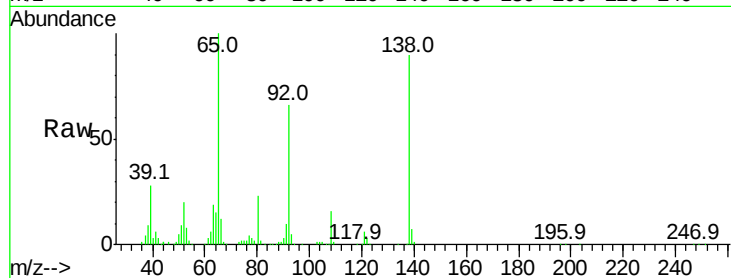
#47
2-Nitroaniline
Concen: 35.64 ng
RT: 9.15 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion: 65 Resp: 224748
Ion Ratio Lower Upper
65 100
92 65.5 53.9 80.9
138 90.0 76.8 115.2

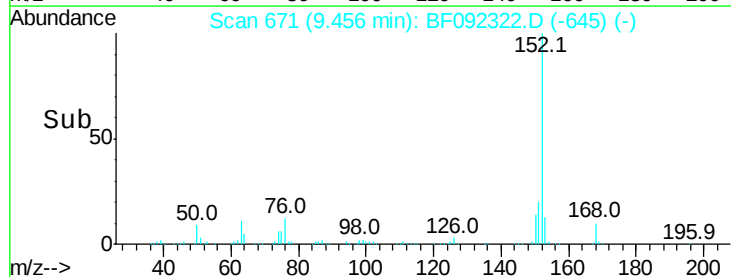
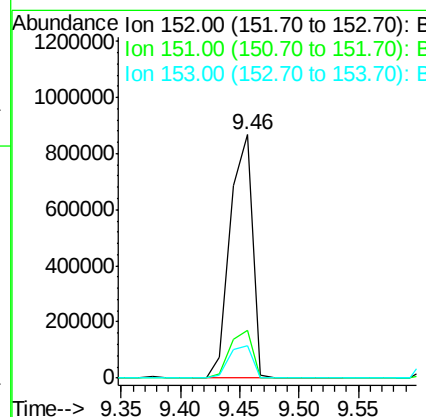
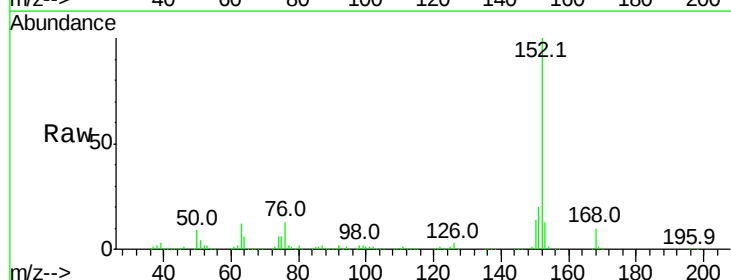
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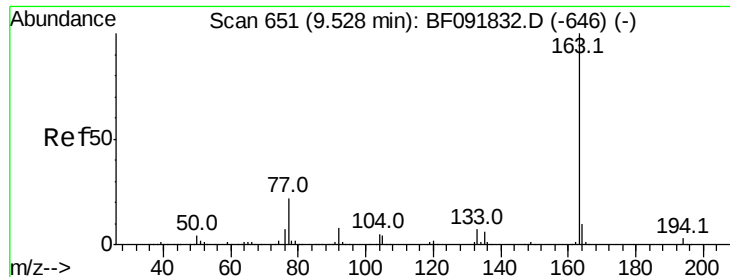
mohammad
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#48
Acenaphthylene
Concen: 41.36 ng
RT: 9.46 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion: 152 Resp: 1126509
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 13.3 11.4 17.2





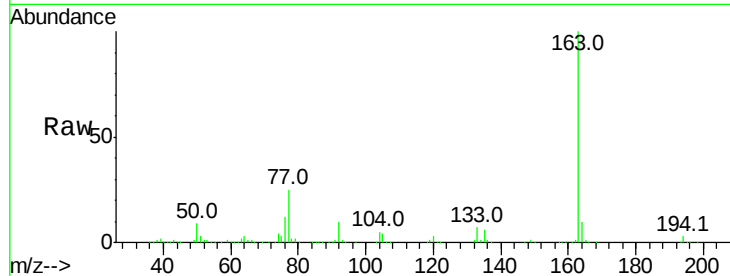
#49
Dimethylphthalate
Concen: 38.67 ng
RT: 9.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	807880		
194	3.3		3.0	4.4
164	10.4		8.0	12.0

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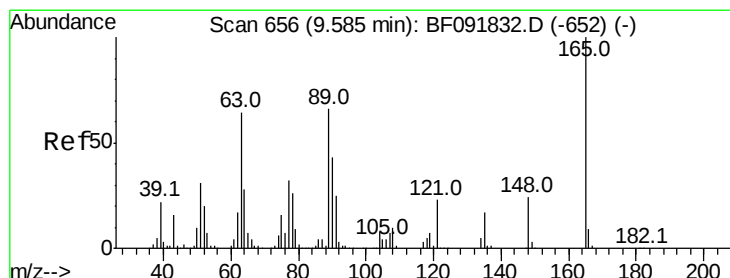
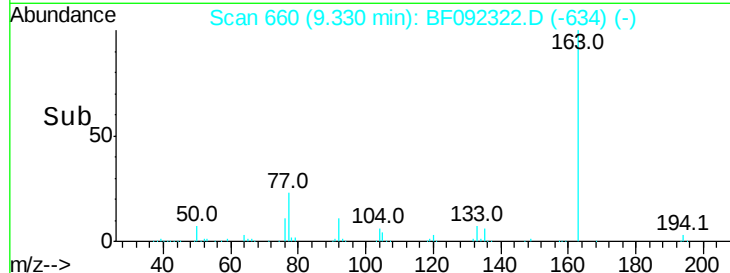
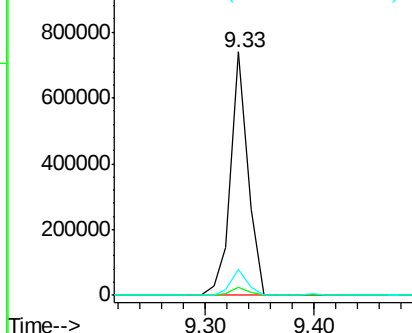


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 44.53 ng
RT: 9.40 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

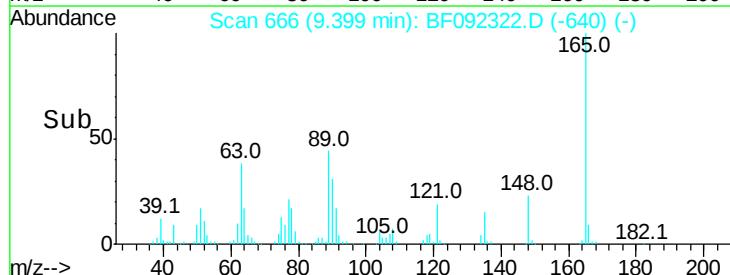
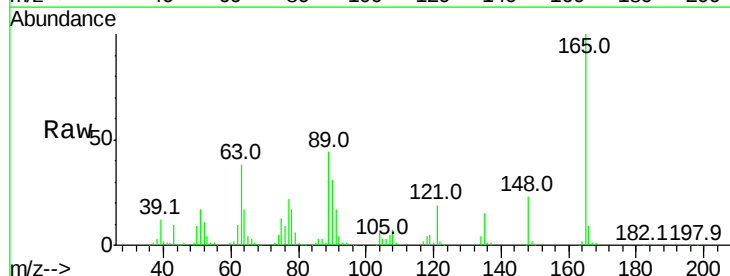
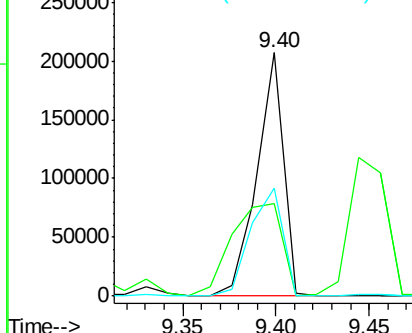
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203601		
63	37.9		36.2	54.4
89	44.3		40.2	60.4

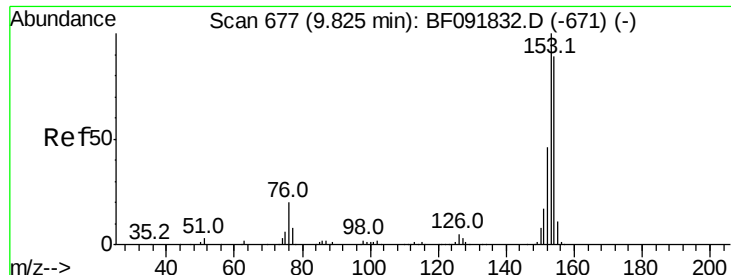
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





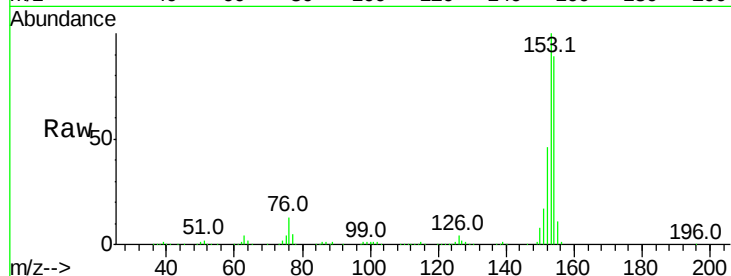
#51
Acenaphthene
Concen: 38.44 ng
RT: 9.63 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

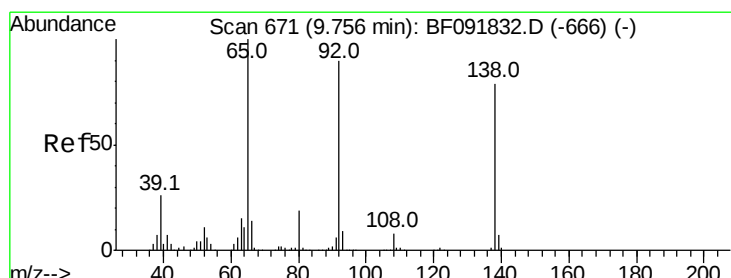
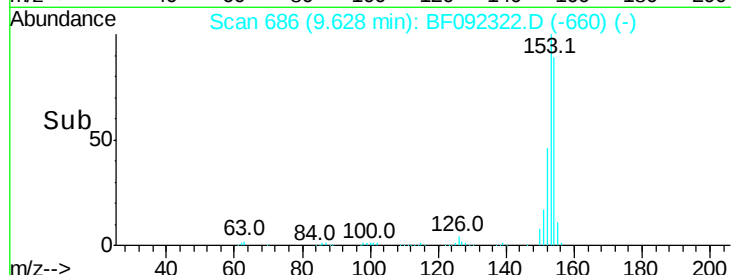
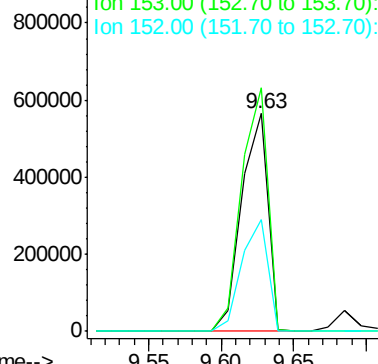
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.6	133.0
152	51.3	41.6	62.4

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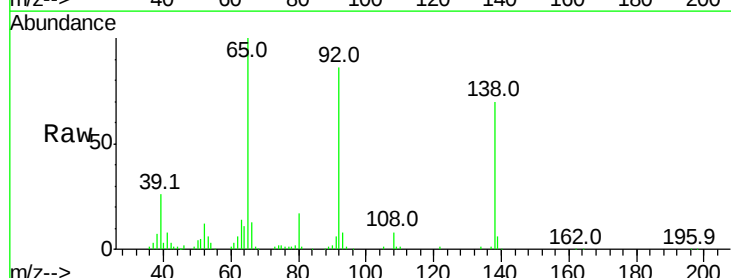


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

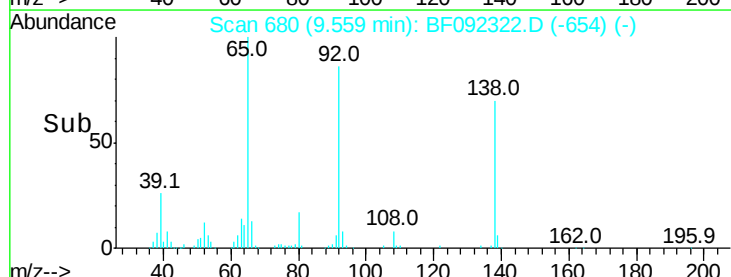
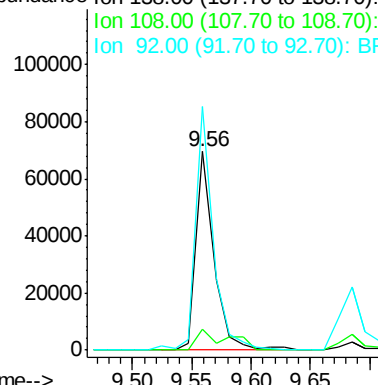


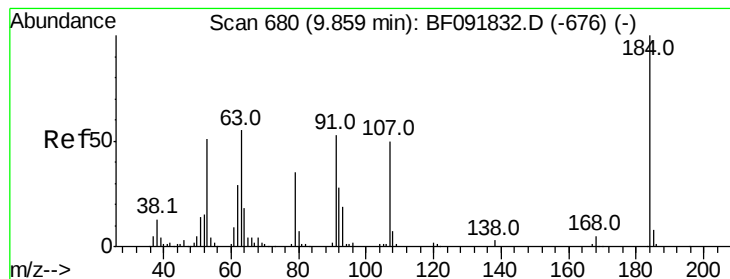
#52
3-Nitroaniline
Concen: 12.81 ng
RT: 9.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	122.7	97.8	146.8



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





#53

2,4-Dinitrophenol

Concen: 44.47 ng

RT: 9.68 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

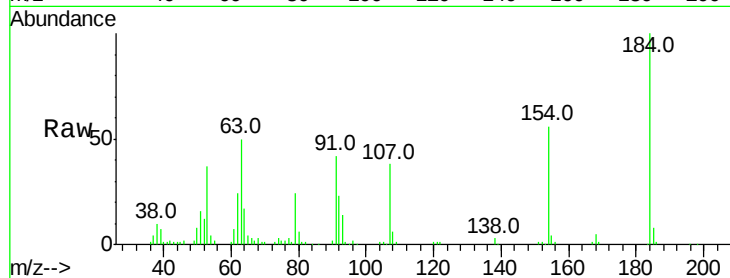
ClientSampleId :

PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.8	28.4	42.6	
154	55.8	44.3	66.5	

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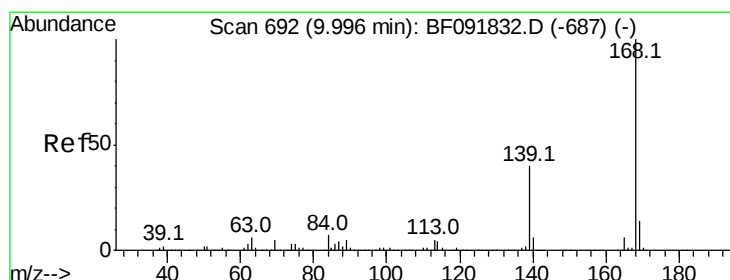
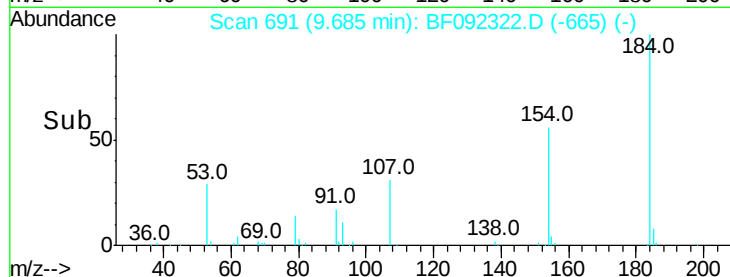
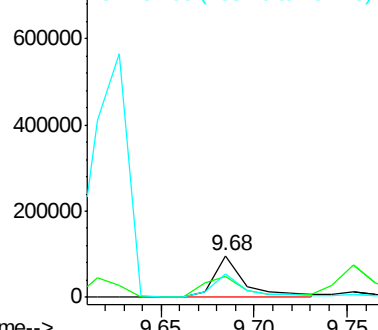
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.65 ng

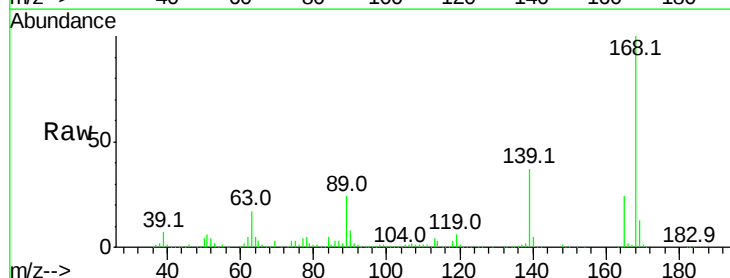
RT: 9.80 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

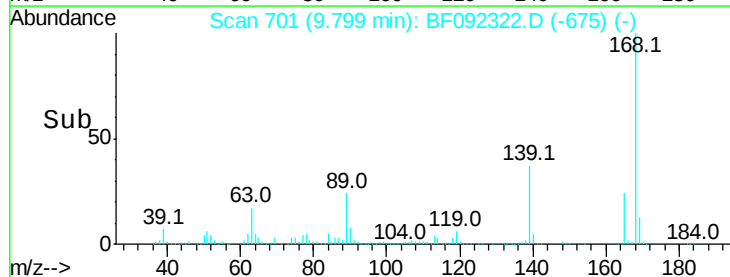
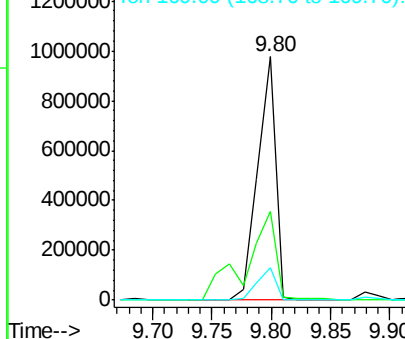
Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.5	32.6	49.0	
169	13.1	11.3	16.9	

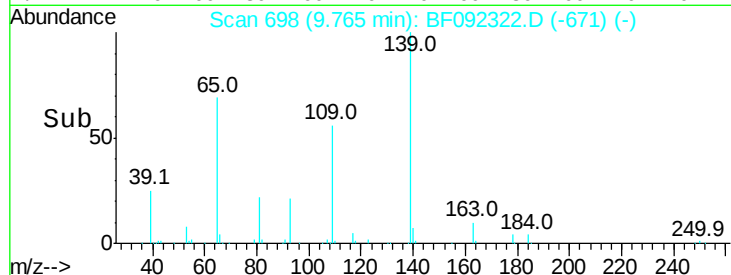
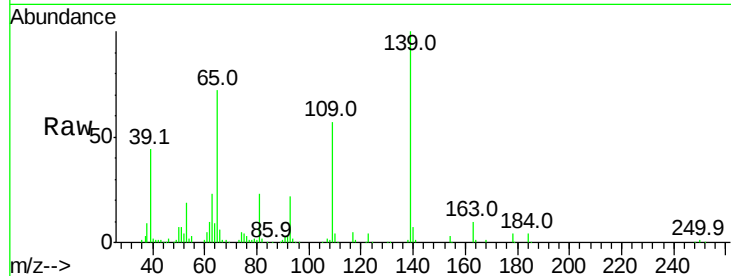
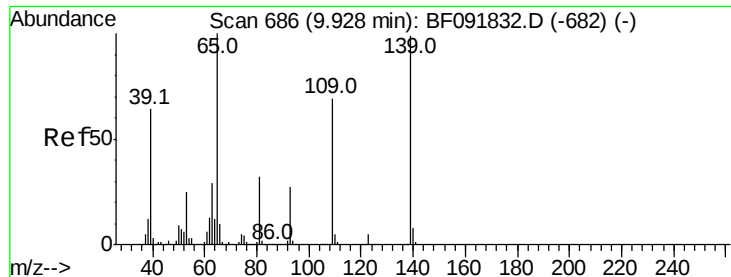


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





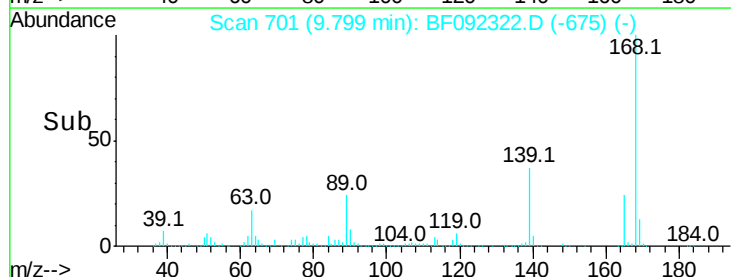
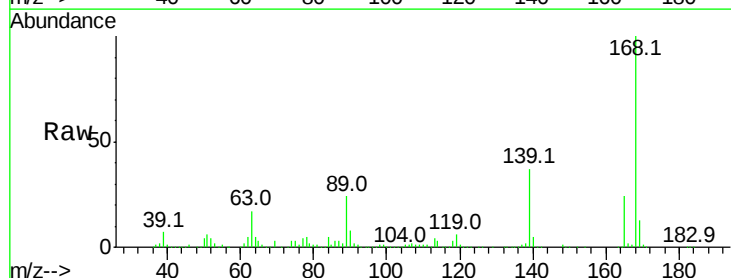
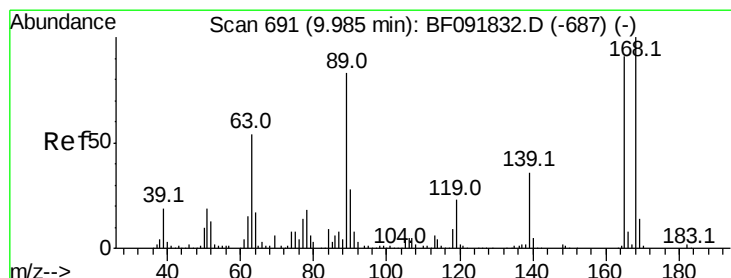
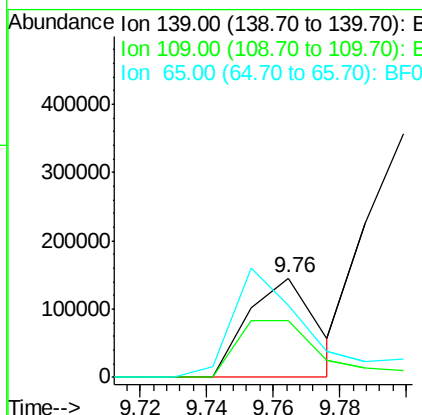
#55
4-Nitrophenol
Concen: 54.64 ng/ml
RT: 9.76 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.3	52.2	92.2
65	71.9	85.8	125.8

Instrument :
BNA_F
ClientSampleId :
PB96061BS

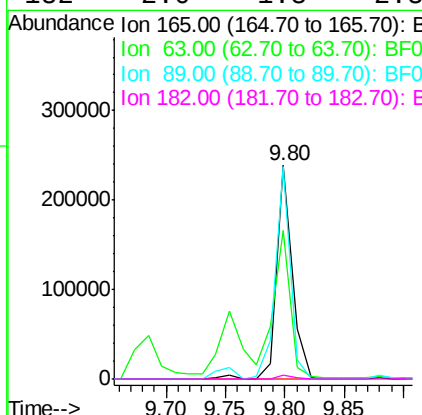
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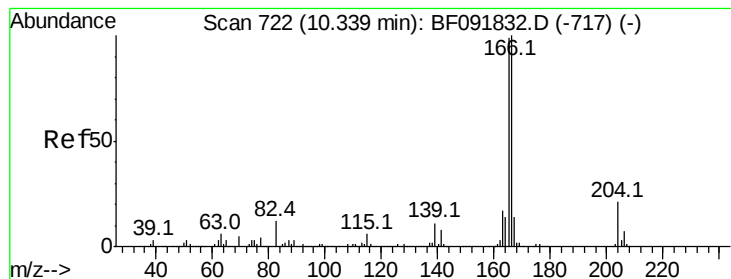
mohammad
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#56
2,4-Dinitrotoluene
Concen: 38.27 ng/ml
RT: 9.80 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.5	40.2	60.4
89	99.7	62.5	93.7
182	2.0	1.8	2.8





#57

Fluorene

Concen: 41.98 ng

RT: 10.14 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

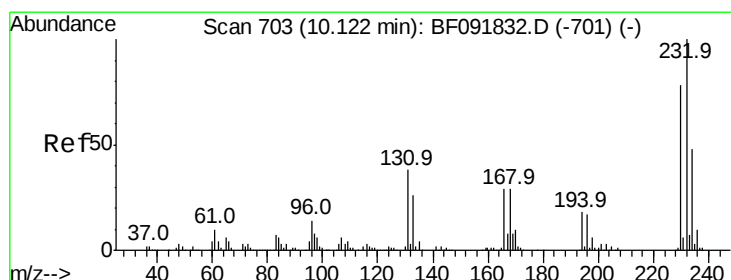
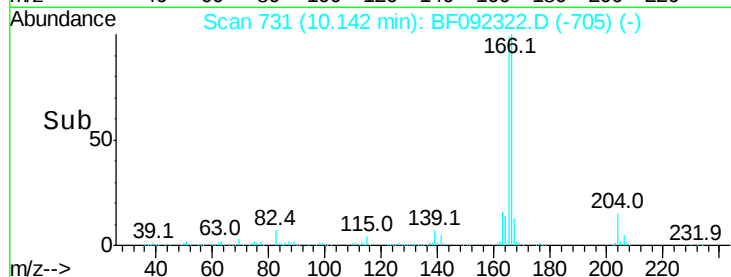
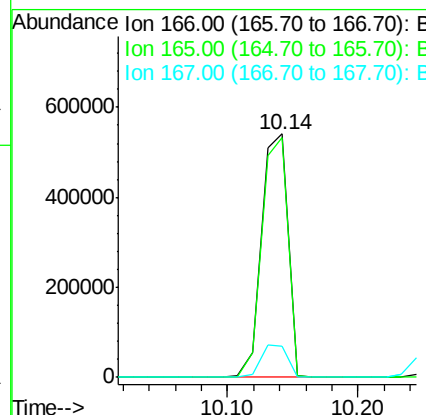
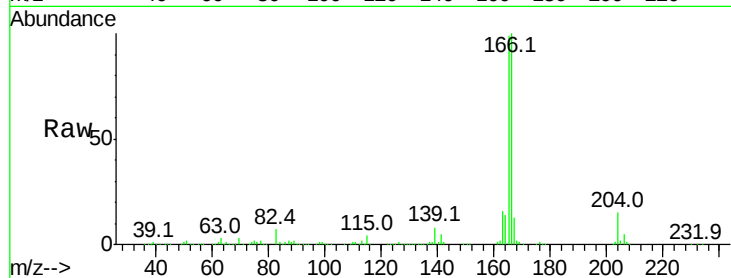
ClientSampleId :

PB96061BS

Tot Ion:	166	Resp:	761667
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.8	116.8
167	12.8	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.27 ng

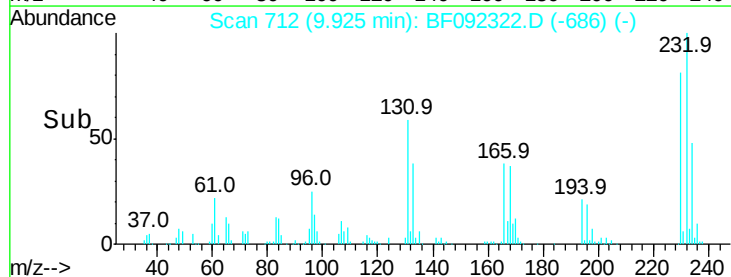
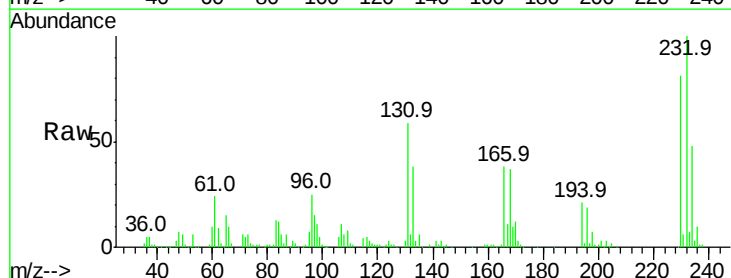
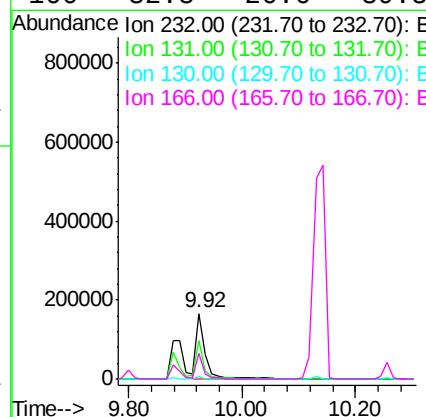
RT: 9.92 min Scan# 712

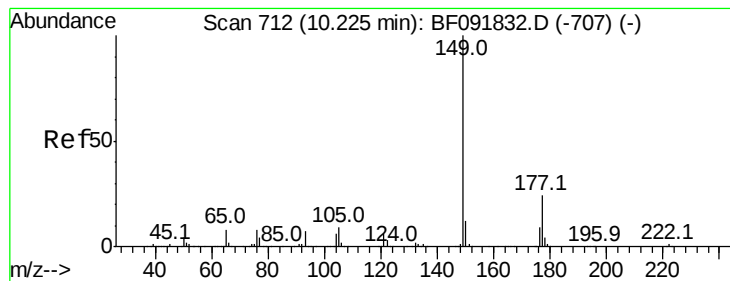
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion:	232	Resp:	184499
Ion Ratio	Lower	Upper	
232	100		
131	51.6	40.1	60.1
130	2.2	1.8	2.8
166	32.8	26.6	39.8





#59

Diethylphthalate

Concen: 39.35 ng

RT: 10.03 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

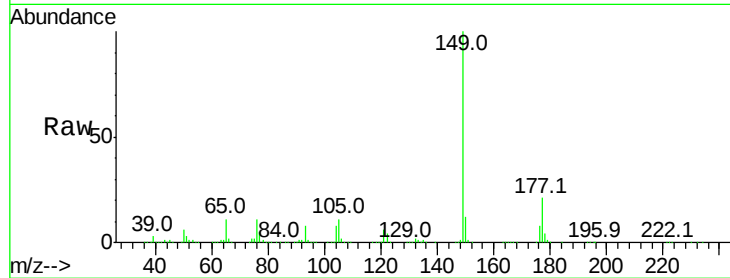
ClientSampleId :

PB96061BS

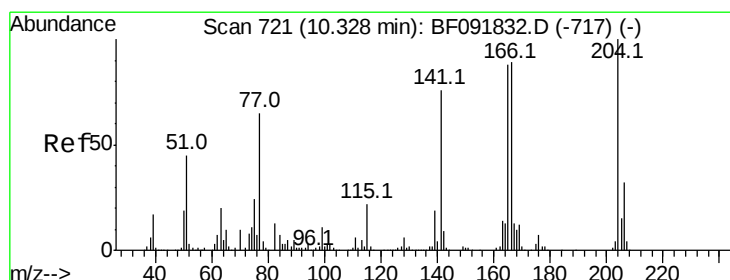
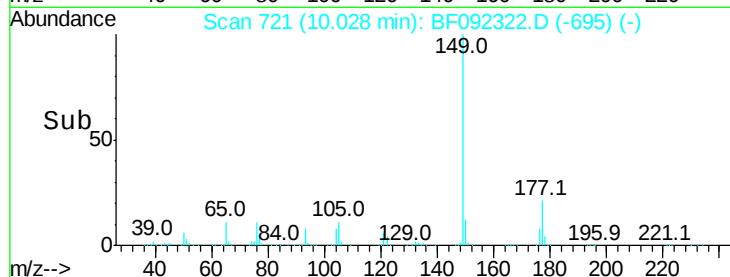
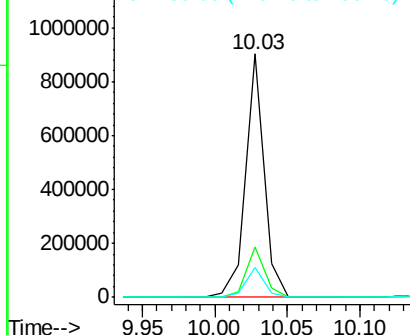
Tot Ion:	149	Resp:	798312
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.6	25.0
150	12.4	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.90 ng

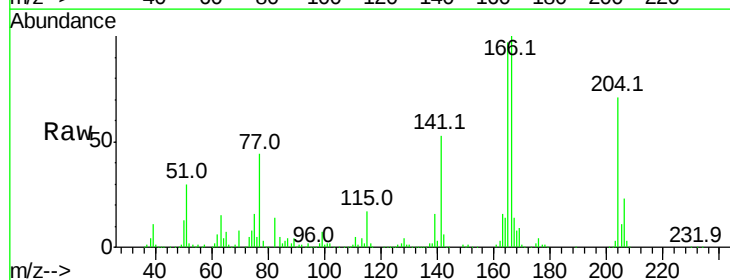
RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

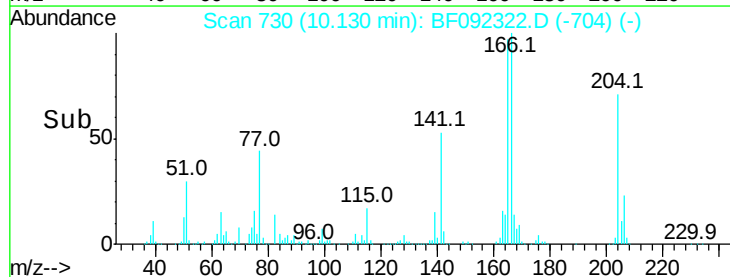
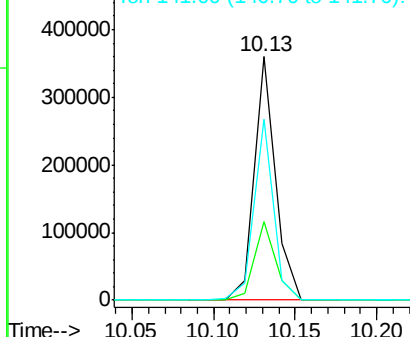
Lab File: BF092322.D

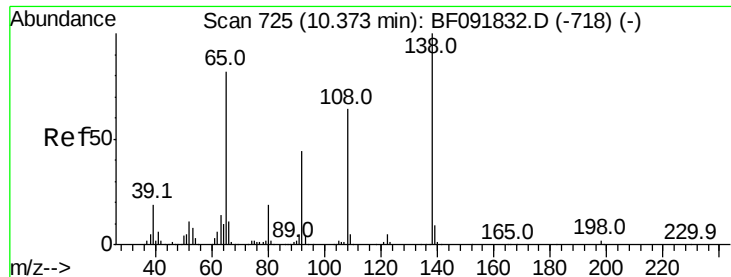
Acq: 17 Jan 2017 18:04

Tgt Ion:	204	Resp:	324932
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.8	38.6
141	74.3	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.99 ng

RT: 10.18 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

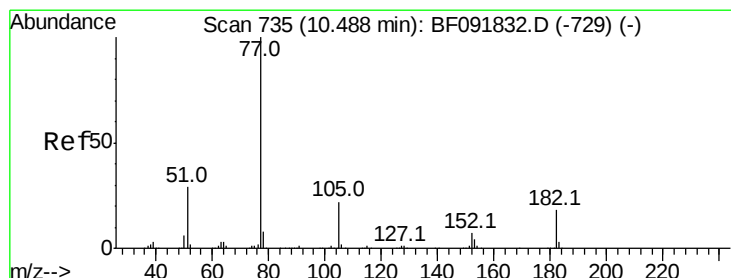
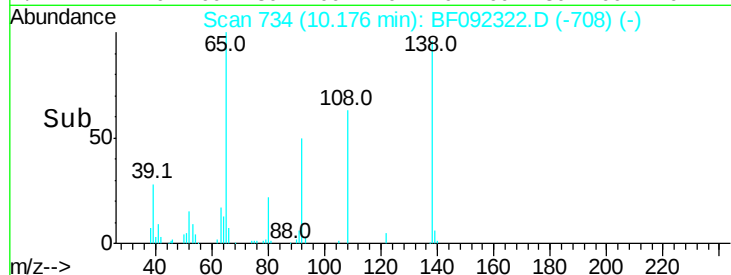
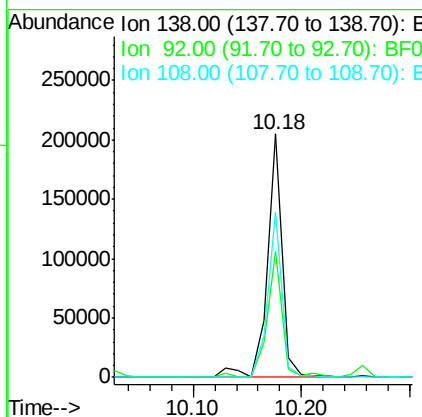
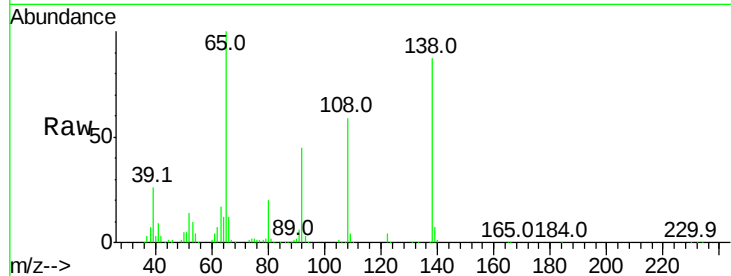
ClientSampled :

PB96061BS

Tot Ion:138	Resp:	199313
Ion Ratio	Lower	Upper
138 100		
92 51.8	31.7	71.7
108 68.2	52.6	92.6

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#62

Azobenzene

Concen: 43.46 ng

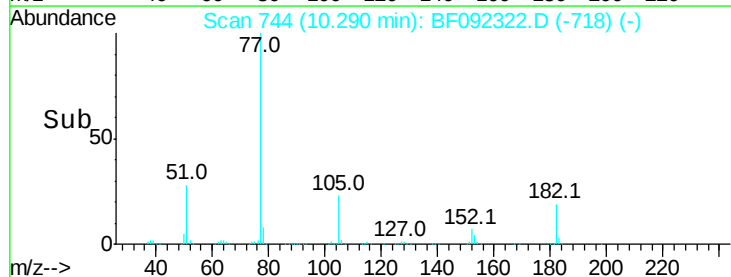
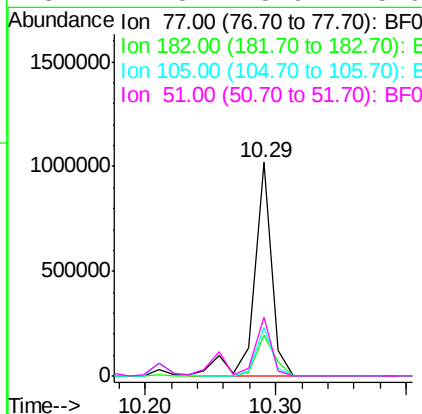
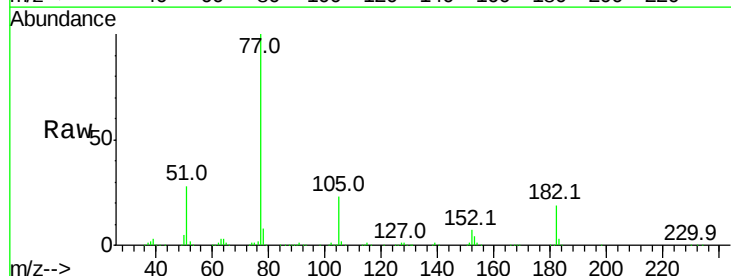
RT: 10.29 min Scan# 744

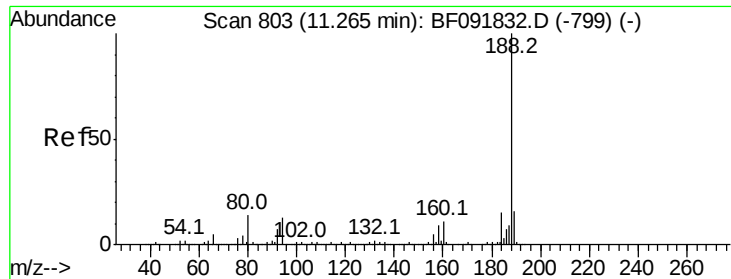
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion: 77	Resp:	970809
Ion Ratio	Lower	Upper
77 100		
182 19.0	0.0	39.3
105 22.8	2.3	42.3
51 27.8	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

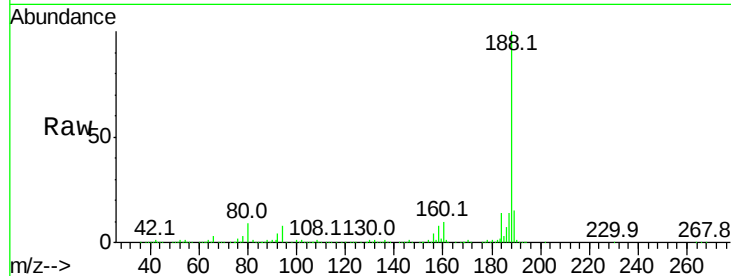
ClientSampleId :

PB96061BS

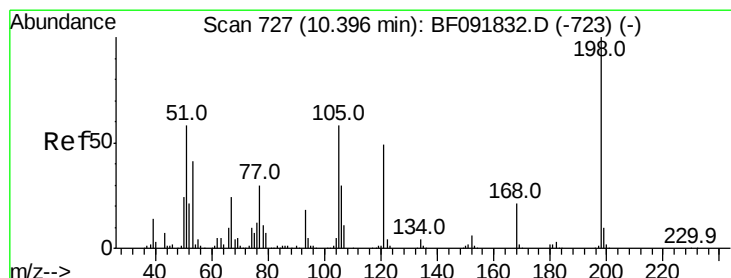
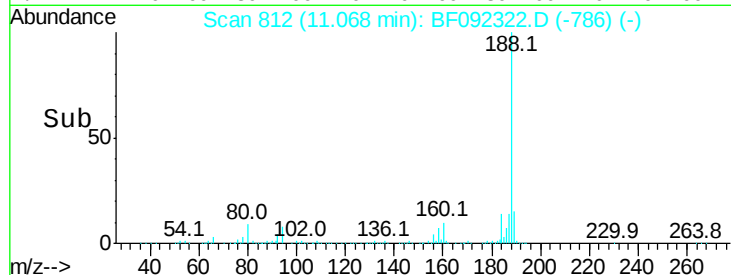
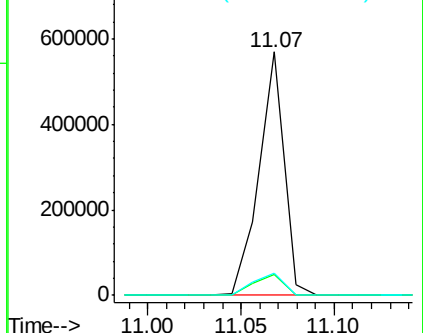
Tot Ion:188	Resp:	528875
Ion Ratio	Lower	Upper
188 100		
94 8.5	10.0	15.0#
80 9.1	11.2	16.8#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 35.49 ng

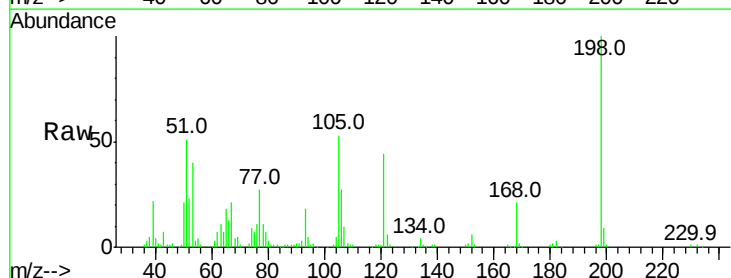
RT: 10.21 min Scan# 737

Delta R.T. 0.00 min

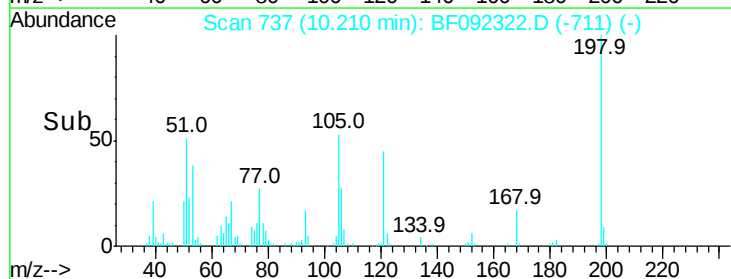
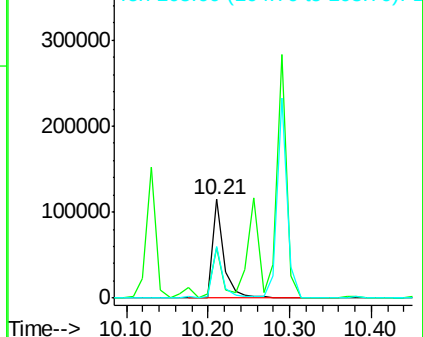
Lab File: BF092322.D

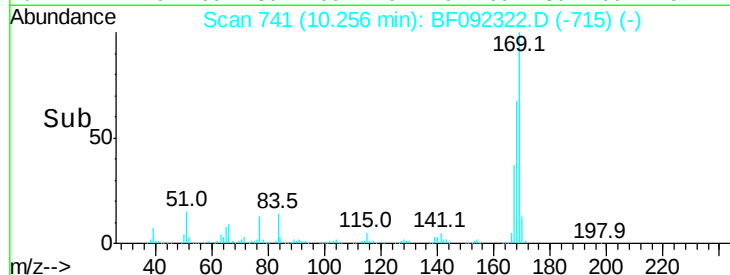
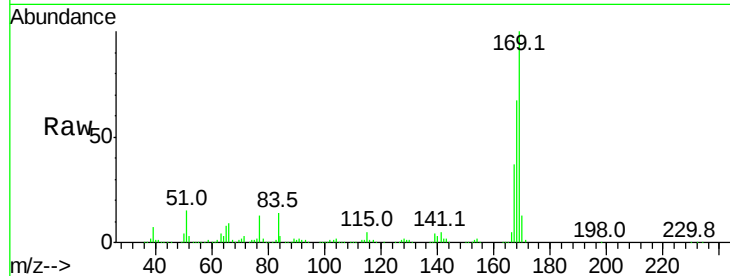
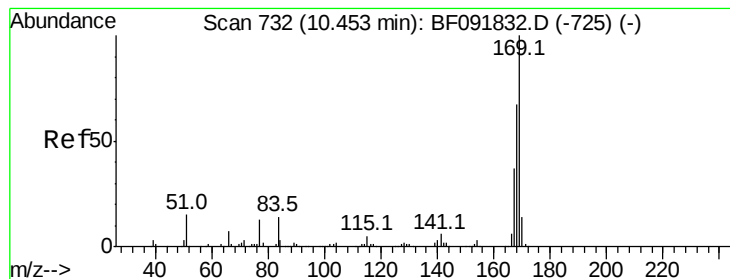
Acq: 17 Jan 2017 18:04

Tgt Ion:198	Resp:	113486
Ion Ratio	Lower	Upper
198 100		
51 51.4	6.7	46.7#
105 53.0	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E





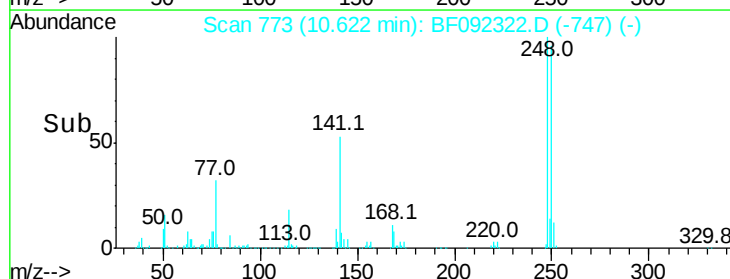
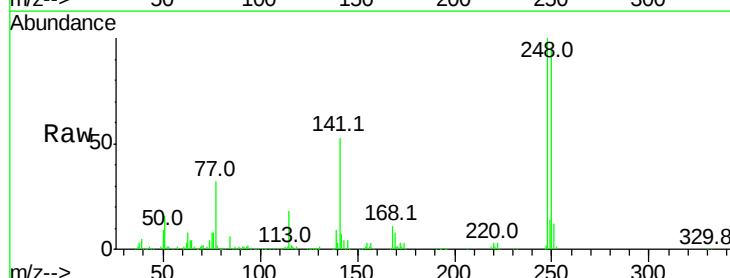
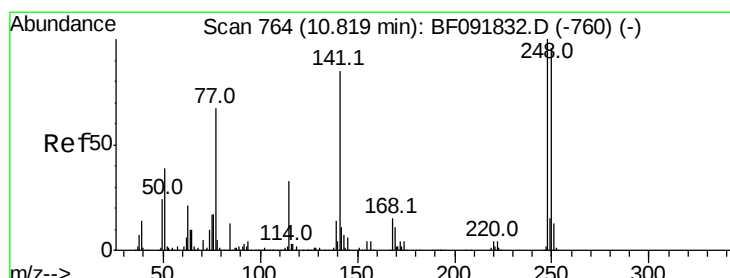
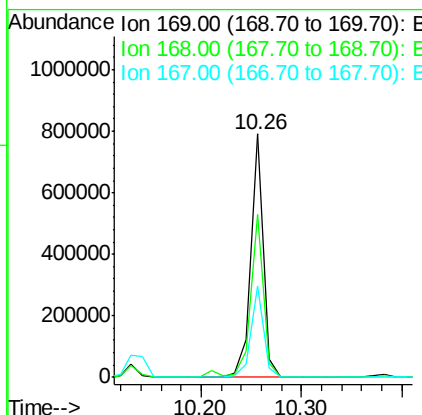
#65
n-Nitrosodiphenylamine
Concen: 43.52 ng
RT: 10.26 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tot Ion	Ratio	Resp	Lower	Upper
169	100	682979		
168	67.1		54.2	81.2
167	37.4		30.2	45.4

Instrument :
BNA_F
ClientSampleID :
PB96061BS

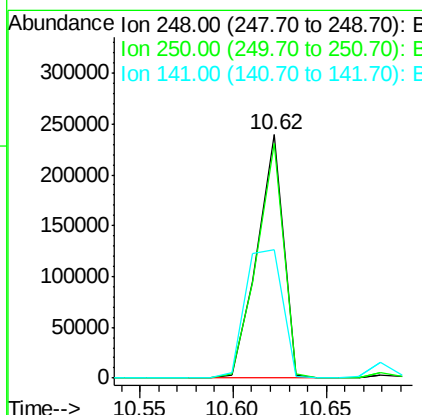
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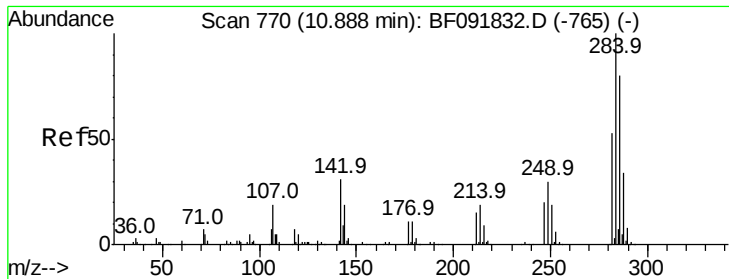
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#66
4-Bromophenyl-phenylether
Concen: 42.55 ng
RT: 10.62 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234101		
250	96.2		76.9	115.3
141	52.7		68.2	102.4#





#67

Hexachlorobenzene

Concen: 38.61 ng

RT: 10.68 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

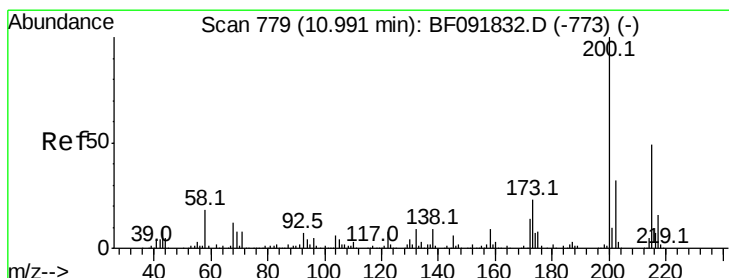
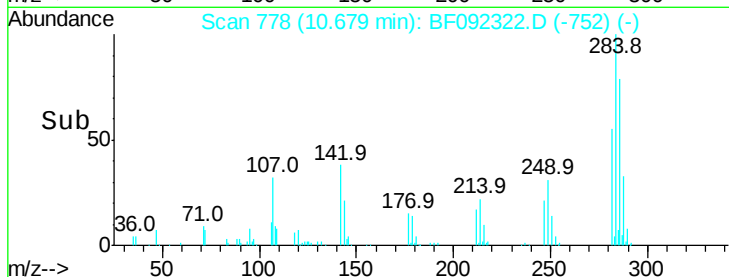
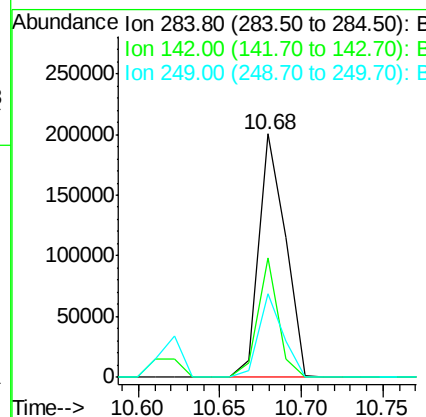
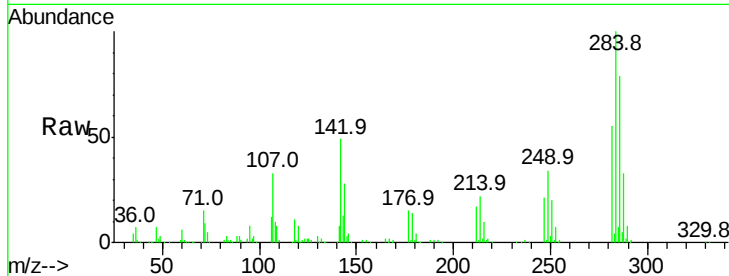
ClientSampleId :

PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	227063		
142	49.2	22.6	33.8#	
249	34.3	25.4	38.0	

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#68

Atrazine

Concen: 47.24 ng

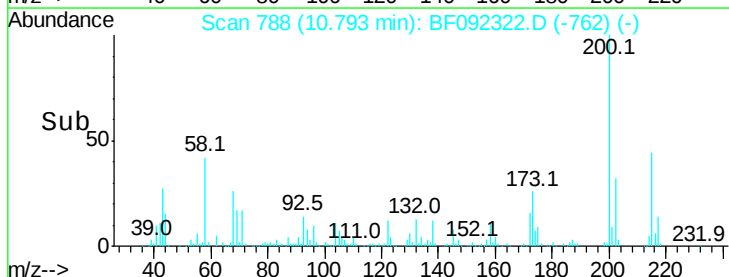
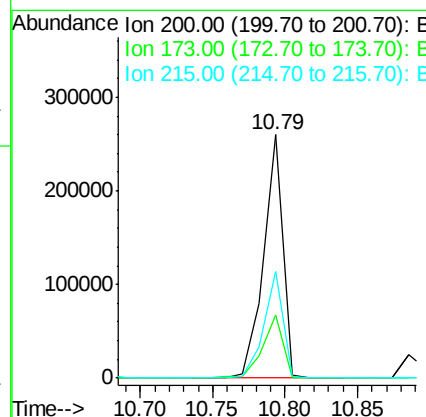
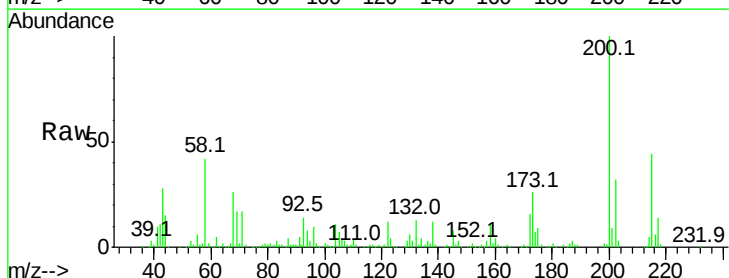
RT: 10.79 min Scan# 788

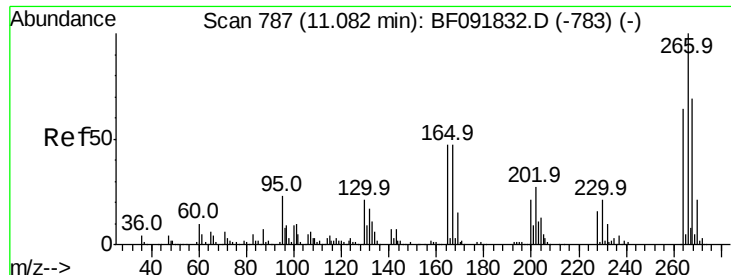
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	239164		
173	25.9	9.6	49.6	
215	43.9	25.7	65.7	





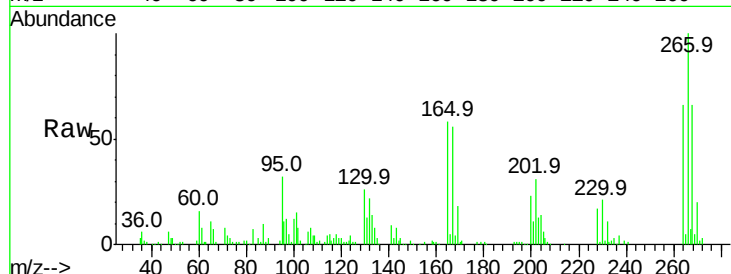
#69
 Pentachlorophenol
 Concen: 56.62 ng
 RT: 10.88 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

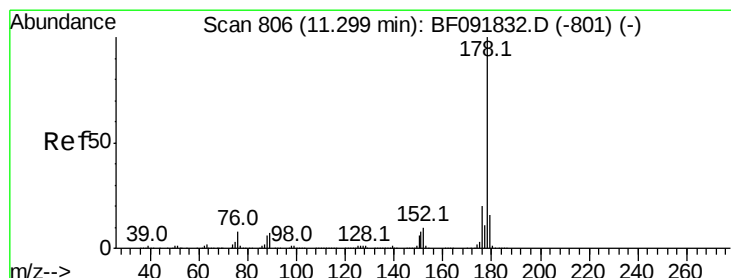
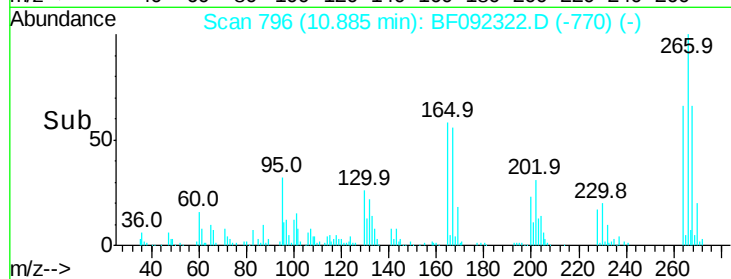
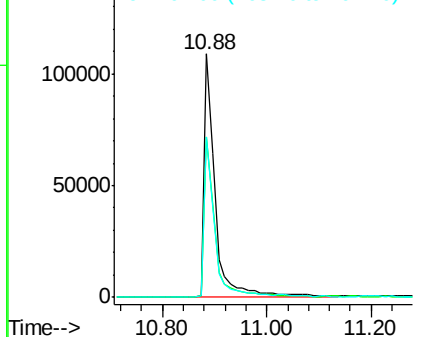
Tot Ion	Ratio	Resp	Lower	Upper
266	100	163386		
268	65.8	53.3	79.9	
264	66.1	50.3	75.5	

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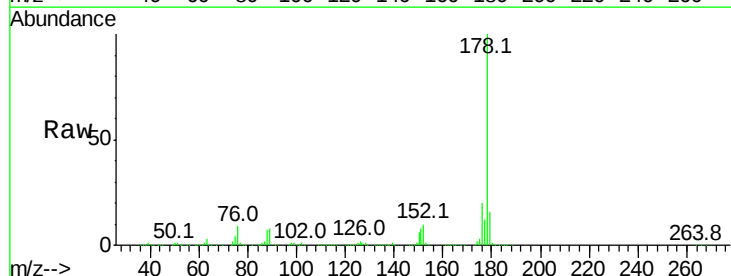


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

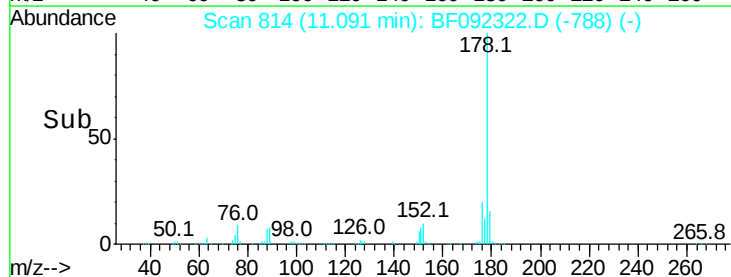
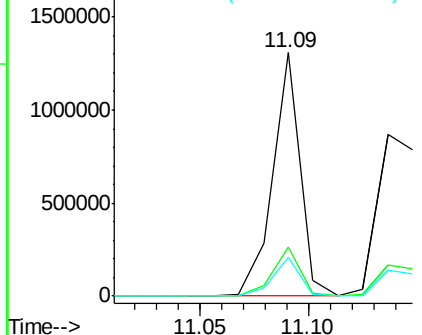


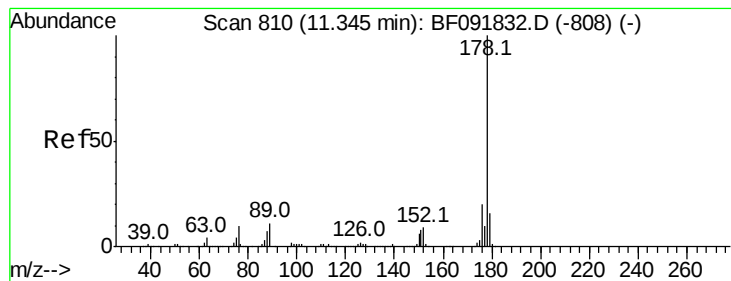
#70
 Phenanthrene
 Concen: 40.42 ng
 RT: 11.09 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1159123		
176	19.9	16.6	25.0	
179	15.9	12.8	19.2	



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





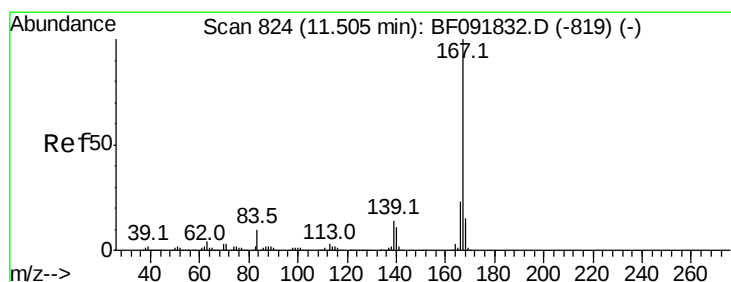
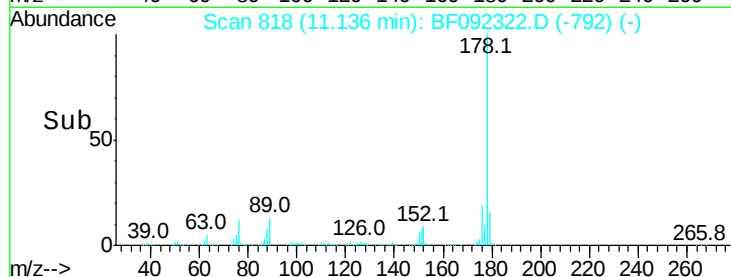
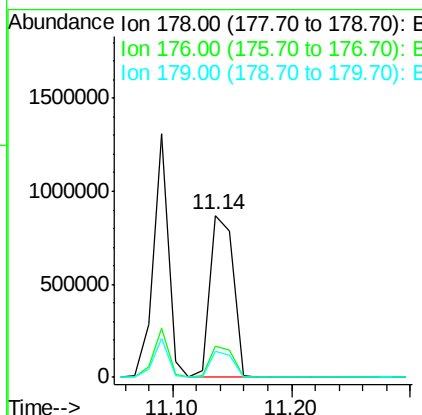
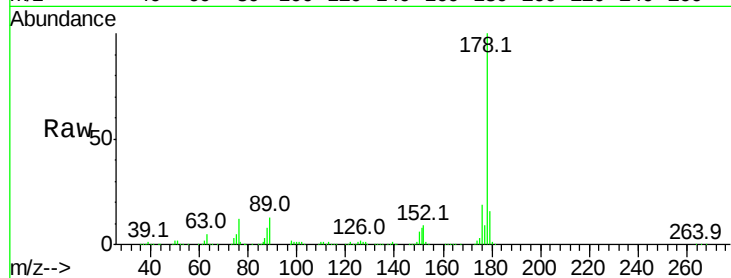
#71
 Anthracene
 Concen: 46.76 ng
 RT: 11.14 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion:178 Resp: 1173162
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.9 13.2 19.8

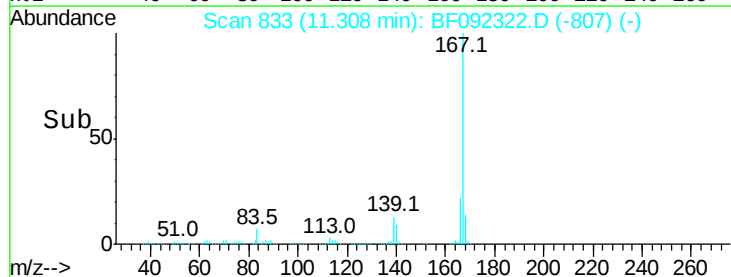
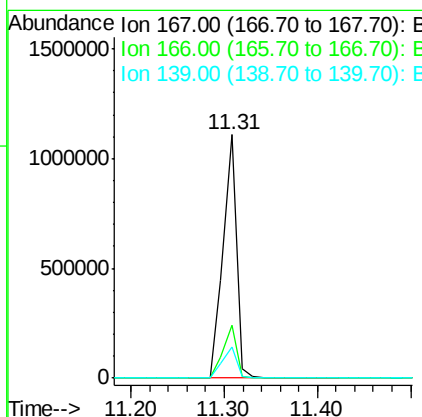
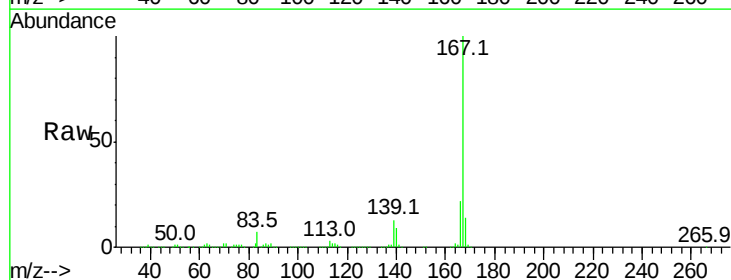
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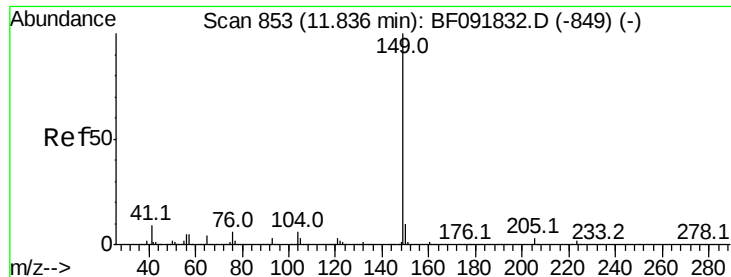
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#72
 Carbazole
 Concen: 48.79 ng
 RT: 11.31 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion:167 Resp: 1109027
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 12.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB96061BS

Tot Ion:149 Resp: 1283923

Ion Ratio Lower Upper

149 100

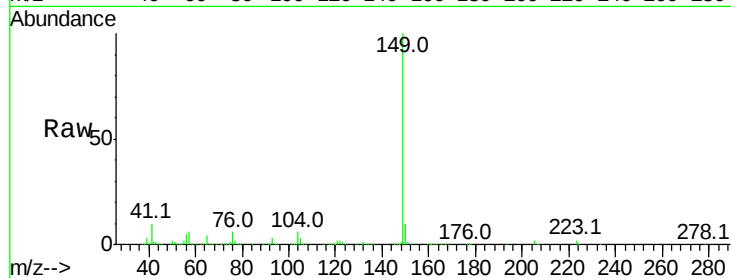
150 9.7 8.1 12.1

104 5.5 4.6 7.0

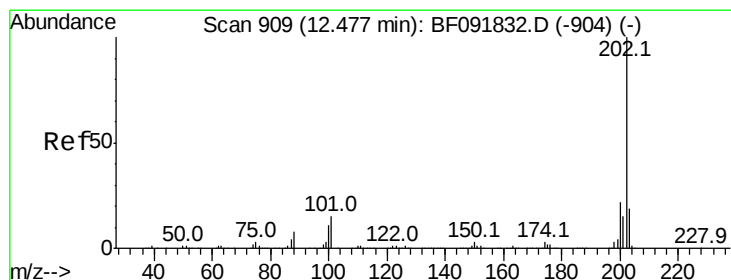
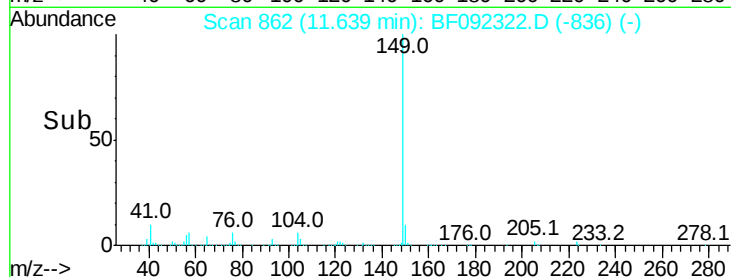
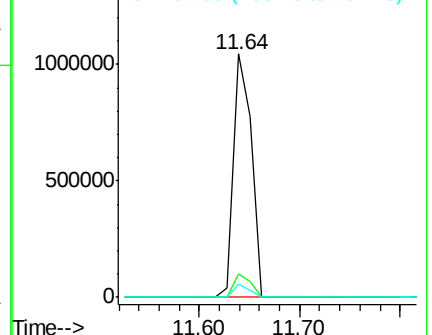
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.42 ng

RT: 12.27 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

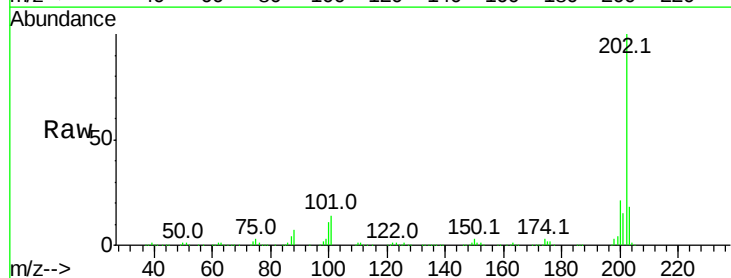
Tgt Ion:202 Resp: 1072896

Ion Ratio Lower Upper

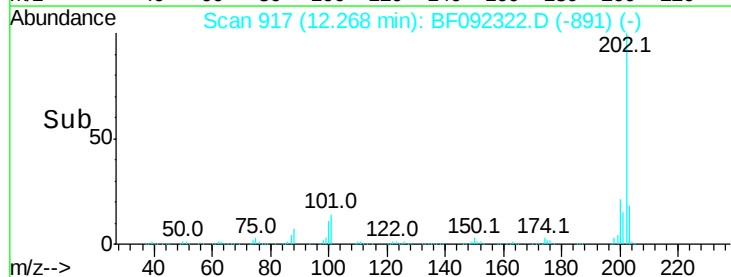
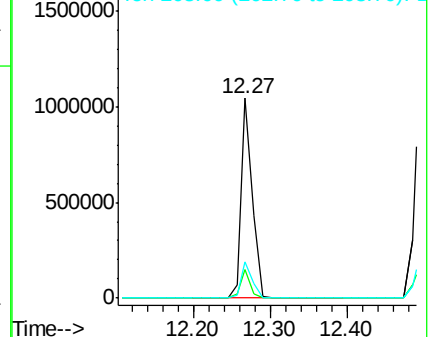
202 100

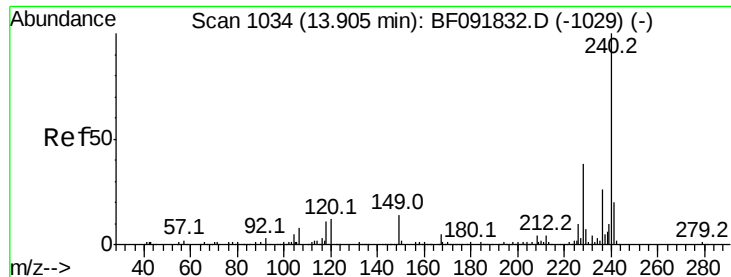
101 14.5 0.0 34.6

203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

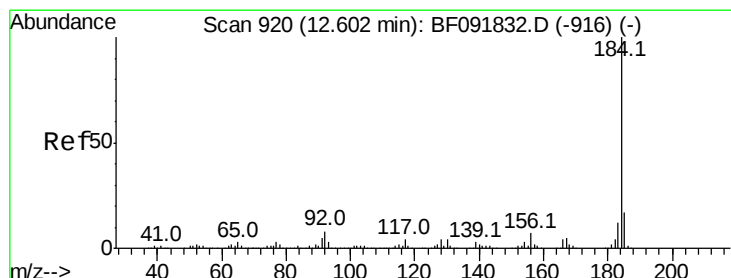
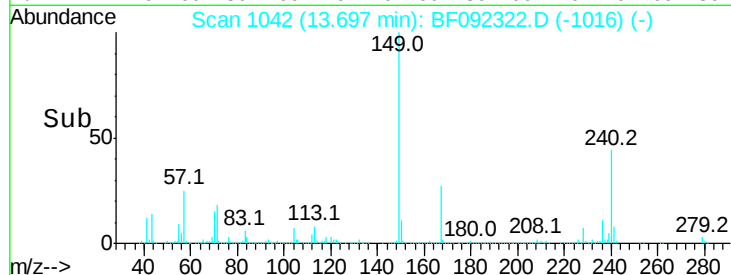
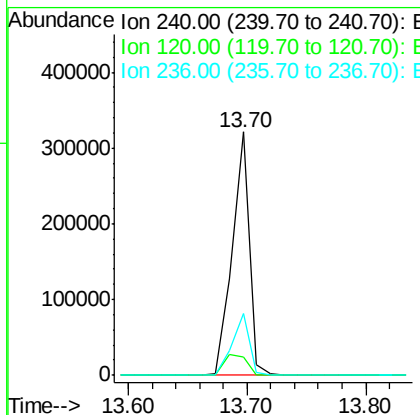
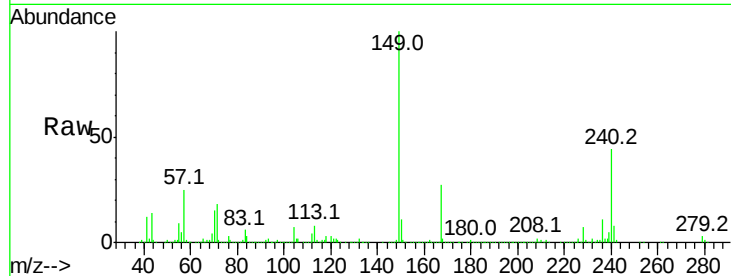
ClientSampleId :

PB96061BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	12.9	19.3#
236	25.2	20.9	31.3

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#76

Benzidine

Concen: 46.95 ng

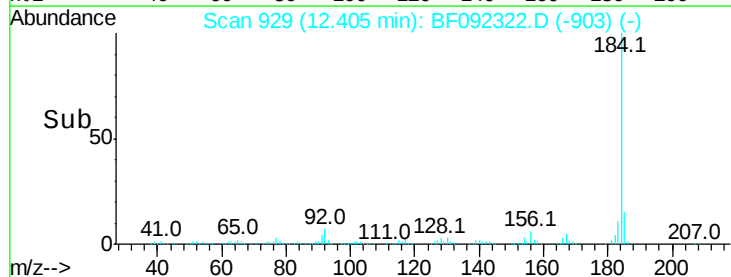
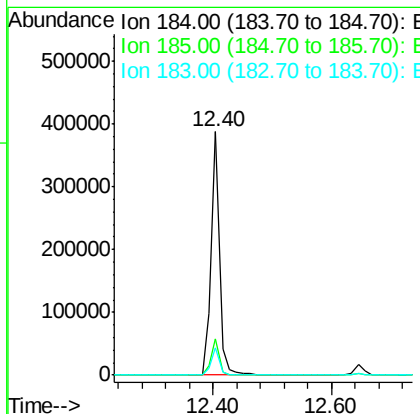
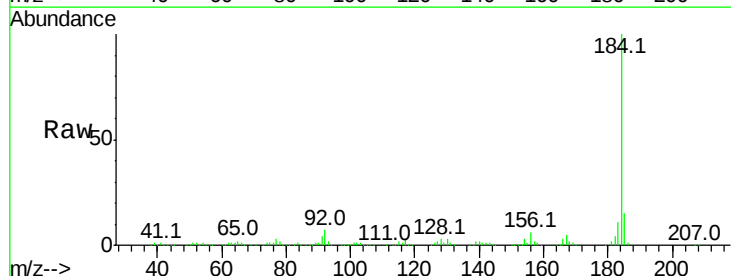
RT: 12.40 min Scan# 929

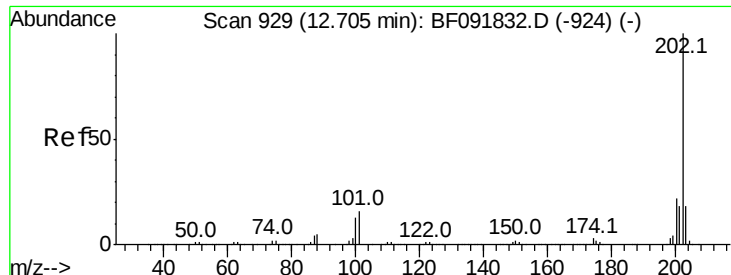
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.0
183	11.1	9.2	13.8





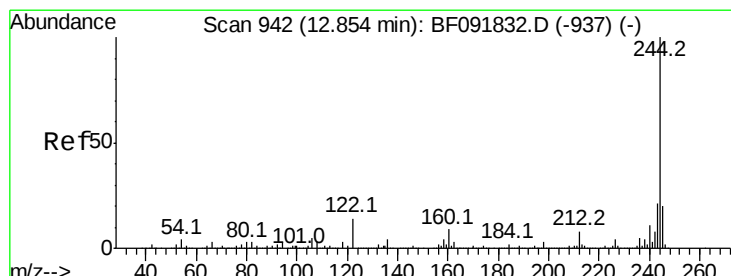
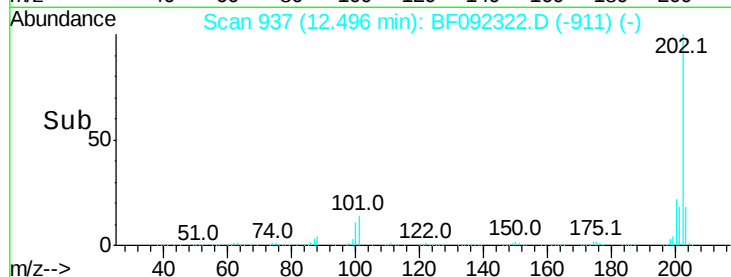
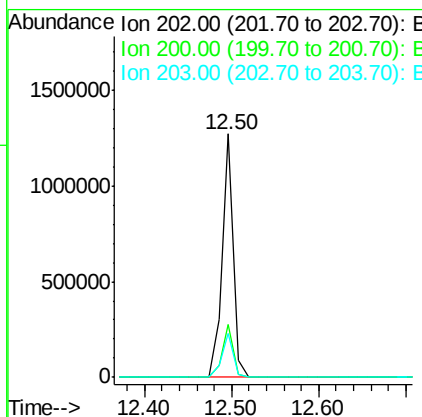
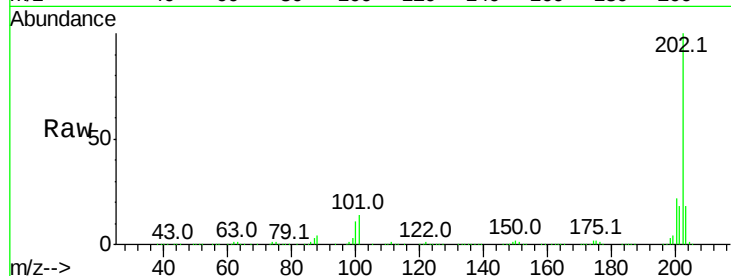
#77
Pvrene
Concen: 48.71 ng
RT: 12.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion:202 Resp: 1148253
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.0 14.7 22.1

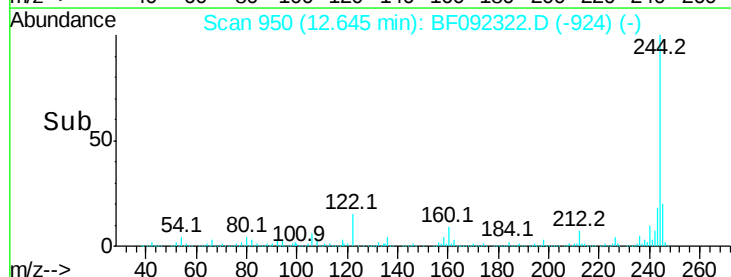
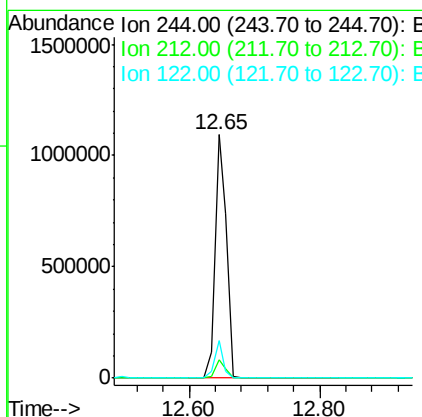
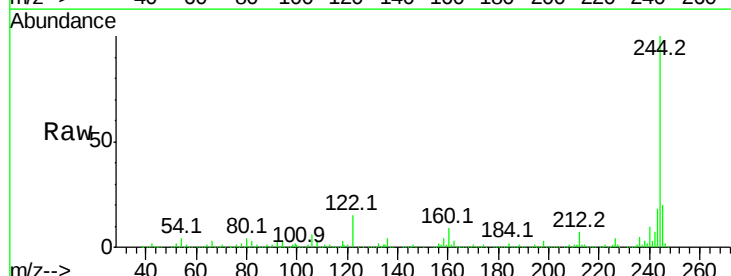
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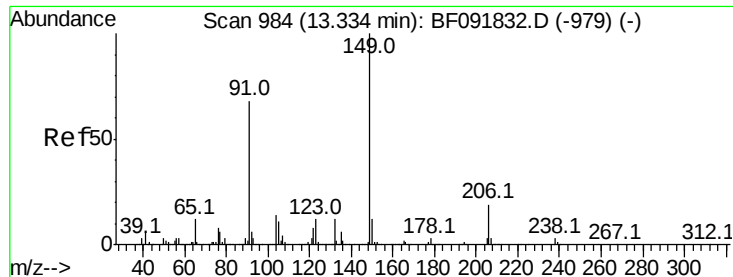
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#78
Terphenyl-d14
Concen: 101.77 ng
RT: 12.65 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion:244 Resp: 1348094
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 15.5 11.4 17.2





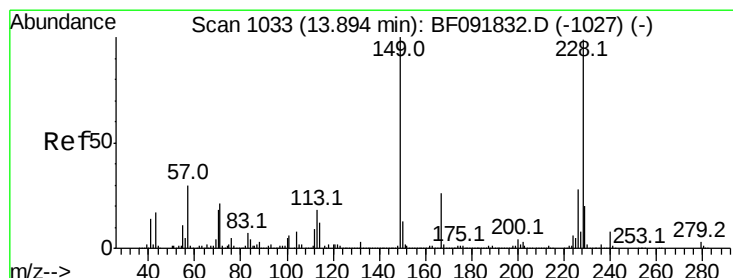
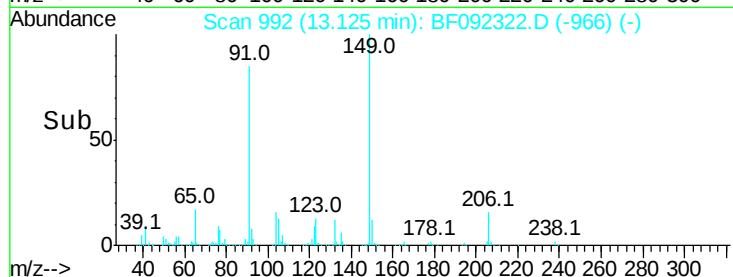
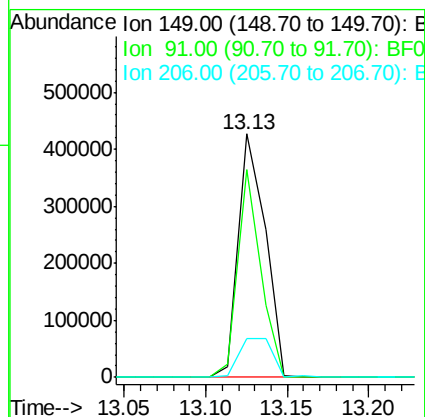
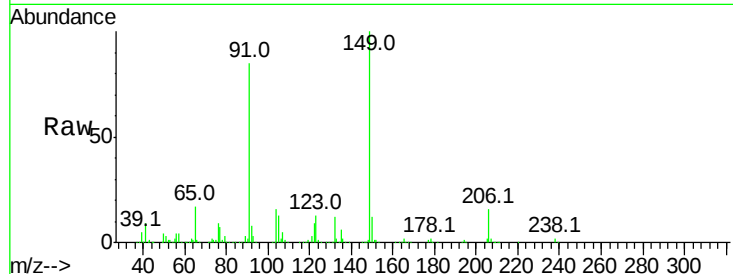
#79
Butylbenzylphthalate
Concen: 45.27 ng
RT: 13.13 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	485366		
91	85.3	63.9	95.9	
206	16.0	14.6	21.8	

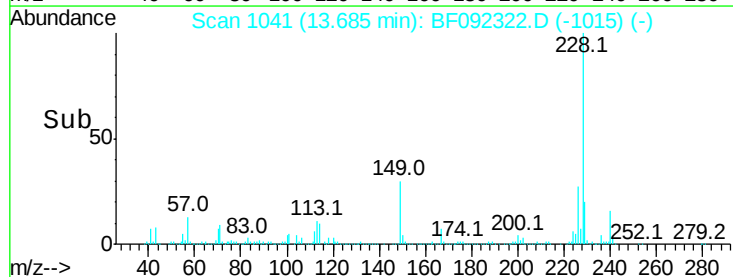
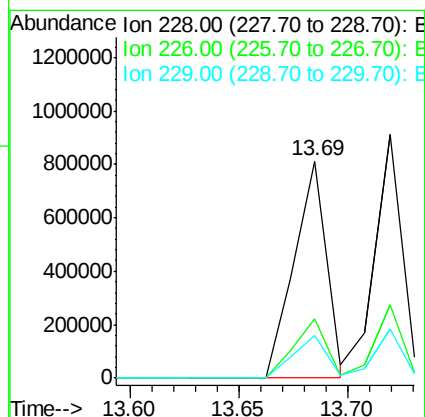
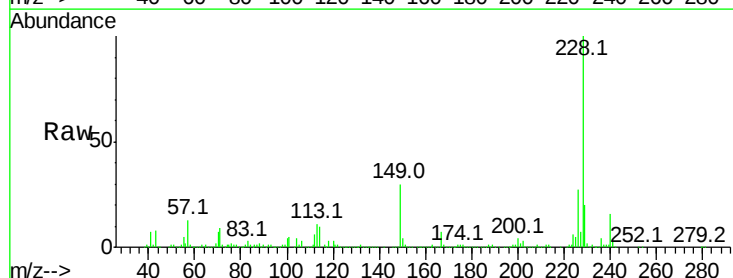
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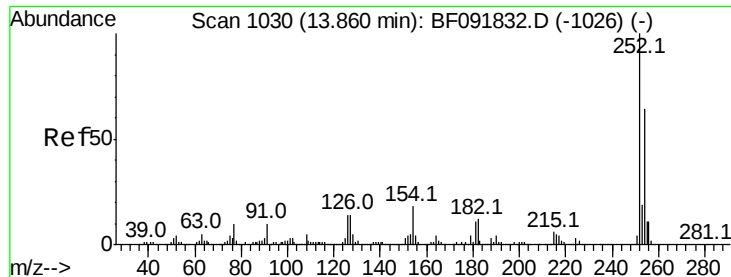
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#80
Benzo(a)anthracene
Concen: 46.71 ng
RT: 13.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	847079		
226	27.3	22.4	33.6	
229	19.8	16.2	24.4	





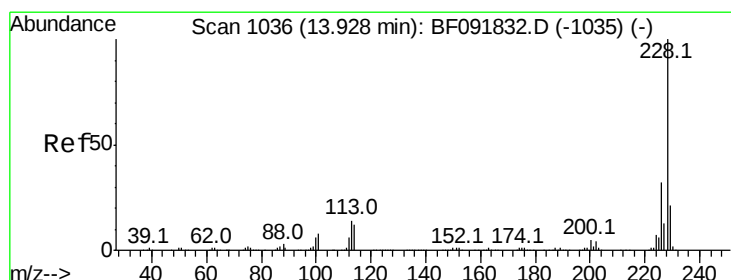
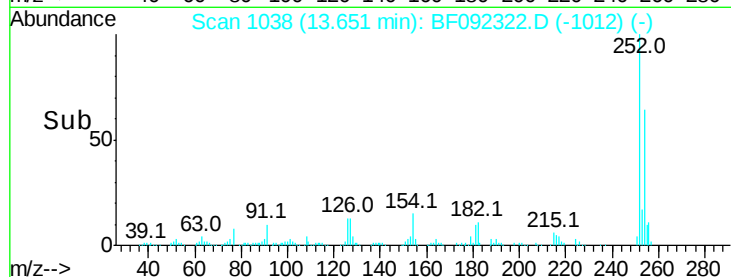
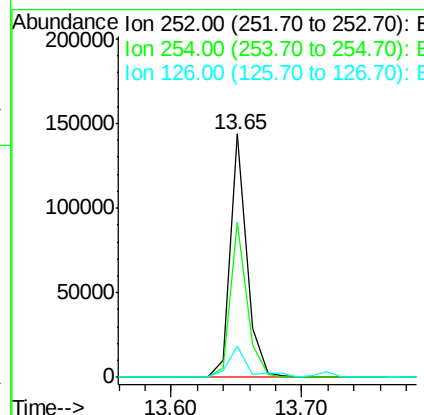
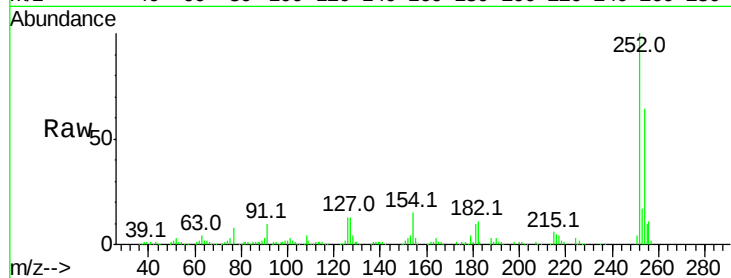
#81
 3,3'-Dichlorobenzidine
 Concen: 18.68 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	128429		
254	64.0	52.3	78.5	
126	12.8	13.6	20.4	

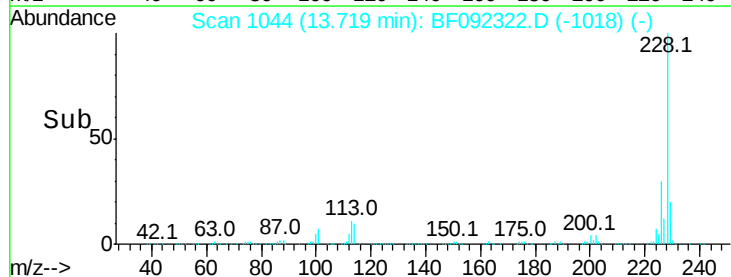
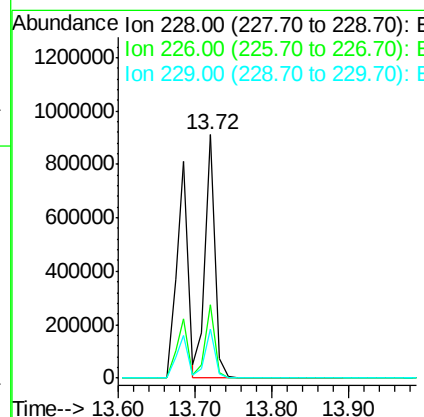
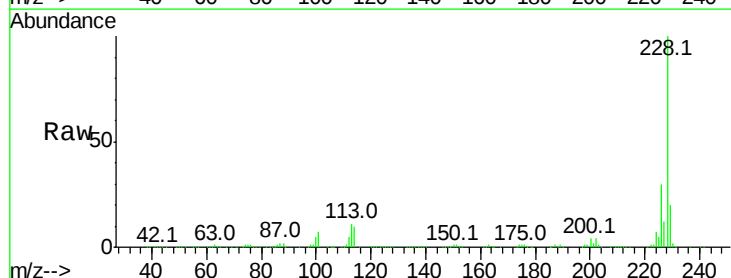
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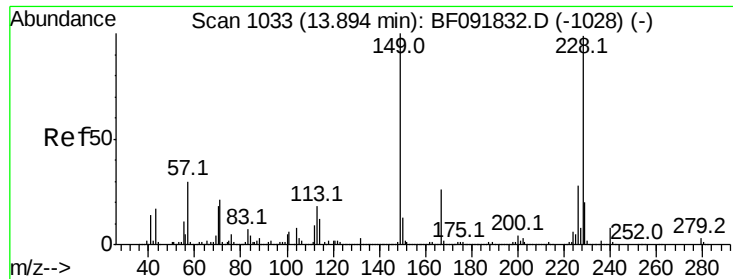
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#82
 Chrysene
 Concen: 44.36 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	806998		
226	30.0	25.4	38.0	
229	20.1	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

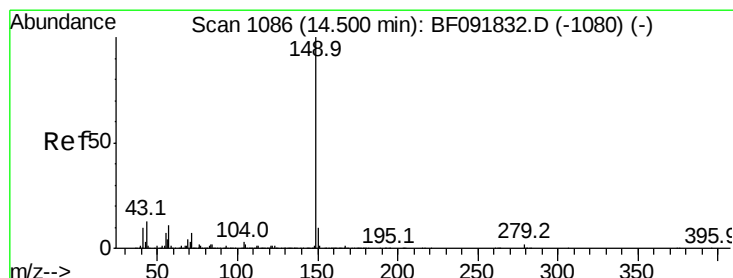
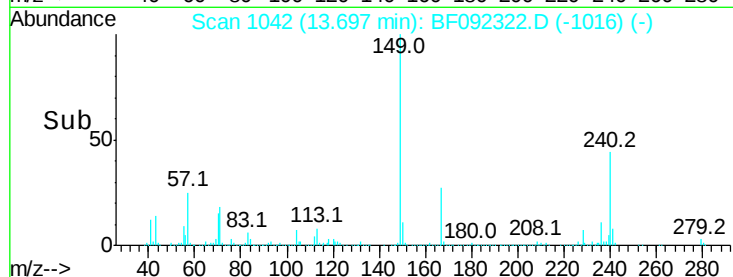
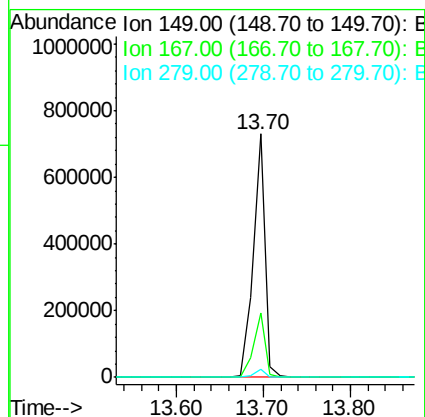
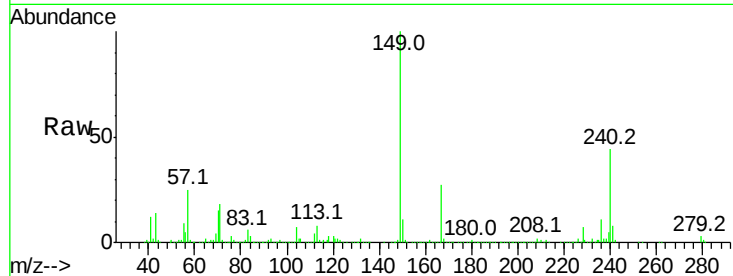
ClientSampleId :

PB96061BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	3.1	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 46.03 ng

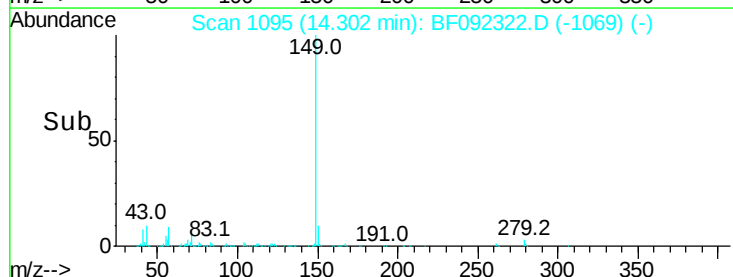
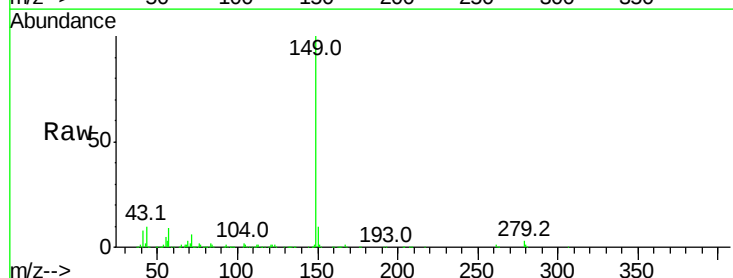
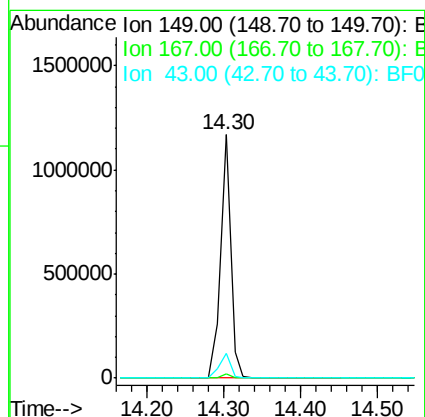
RT: 14.30 min Scan# 1095

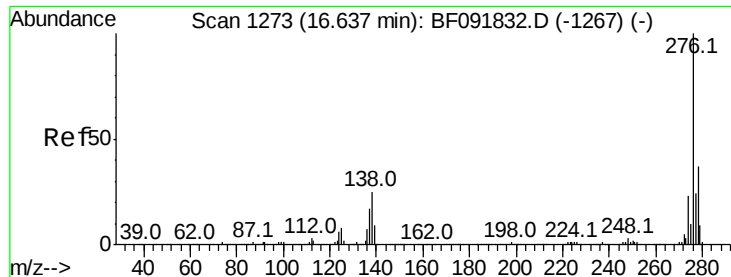
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.8	8.9	13.3





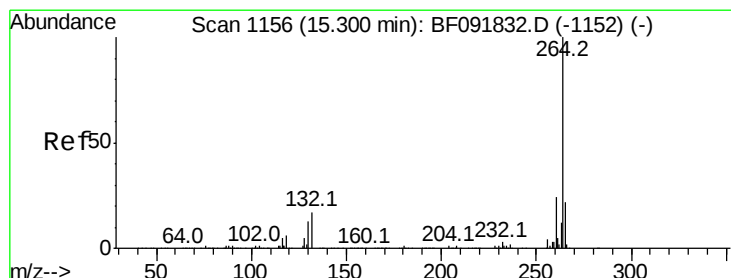
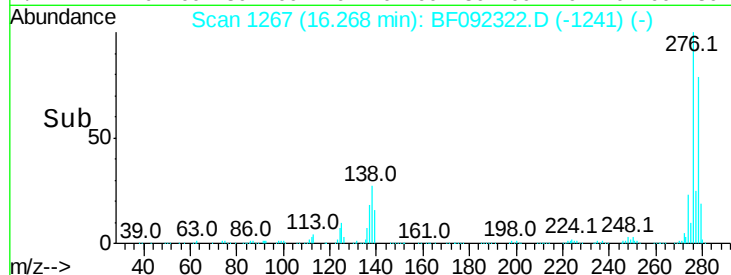
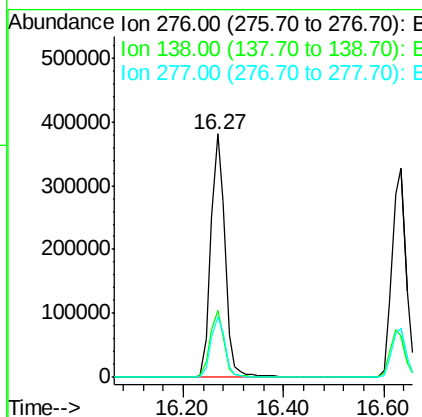
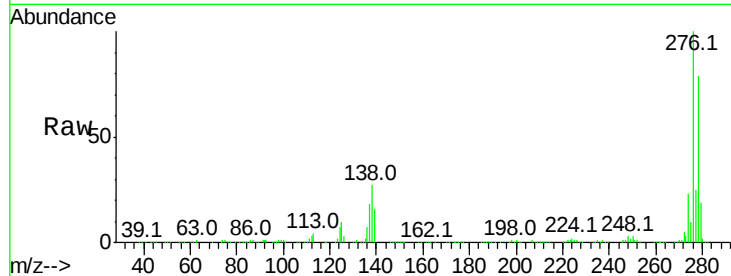
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.51 ng
 RT: 16.27 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.6
277	24.8	20.2	30.4

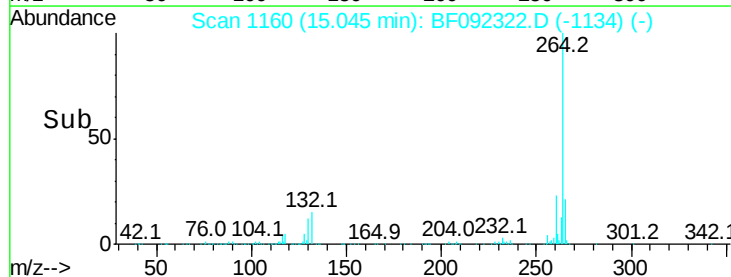
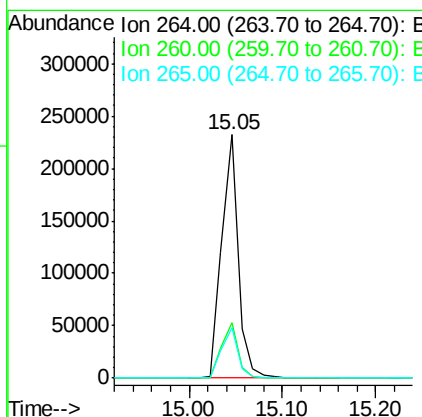
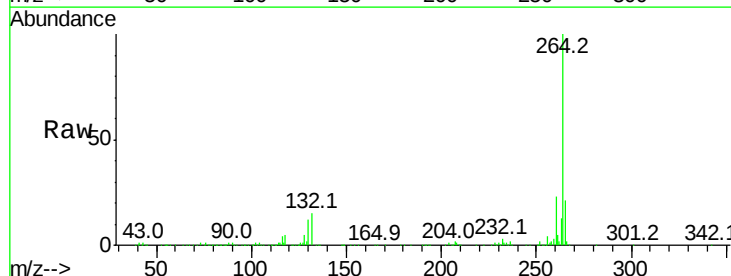
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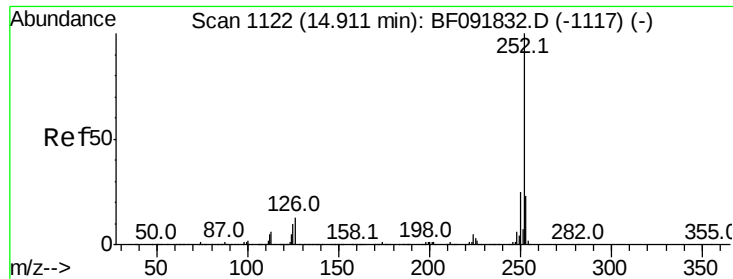
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.46 ng m

RT: 14.68 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Instrument :

BNA_F

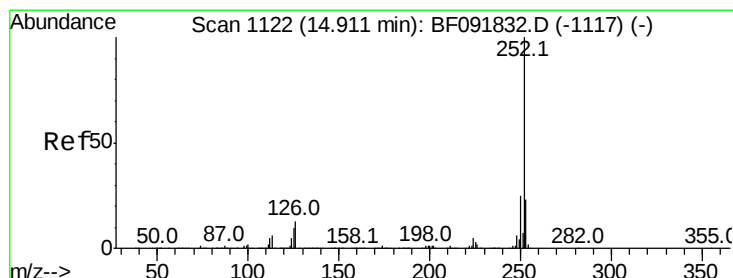
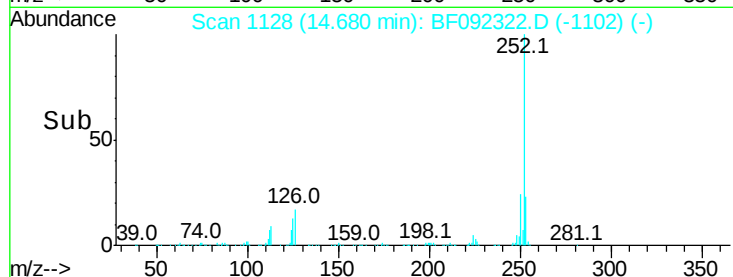
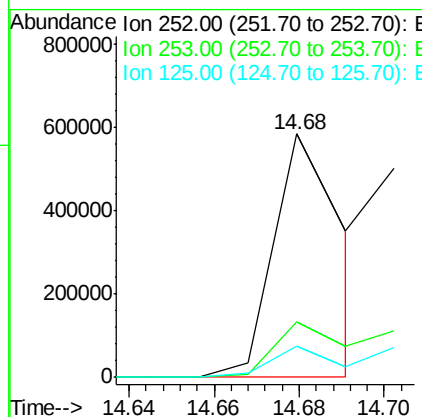
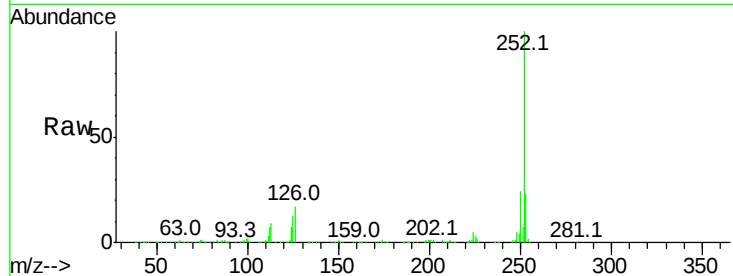
ClientSampleId :

PB96061BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	13.0	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 45.01 ng m

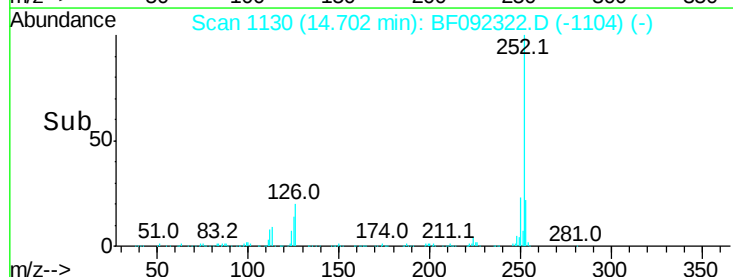
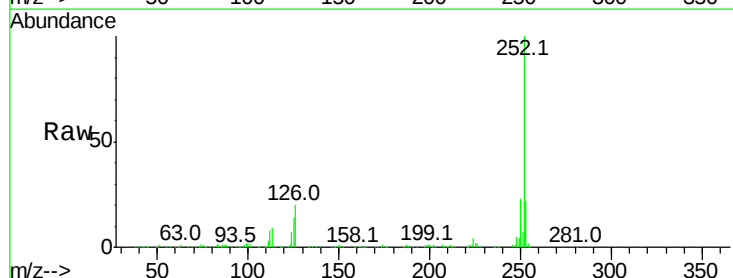
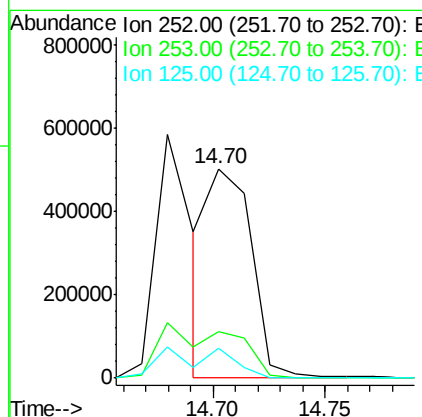
RT: 14.70 min Scan# 1130

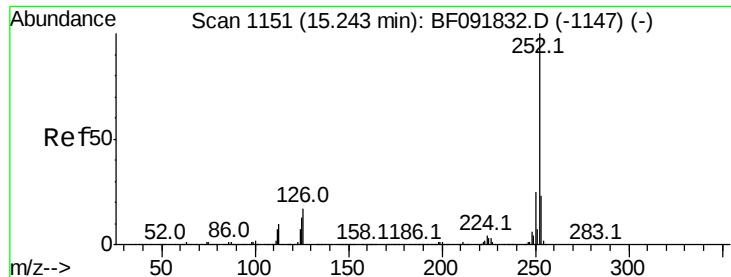
Delta R.T. 0.00 min

Lab File: BF092322.D

Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	14.4	8.9	13.3





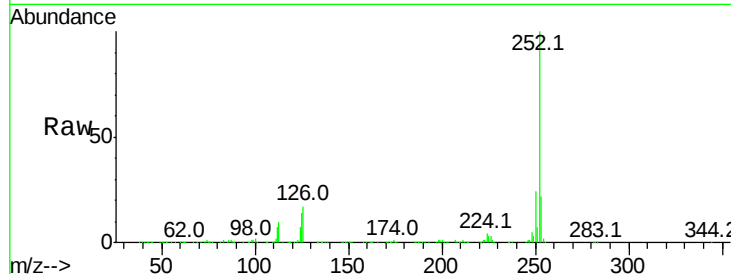
#89
Benzo(a)pyrene
Concen: 41.63 ng
RT: 14.99 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB96061BS

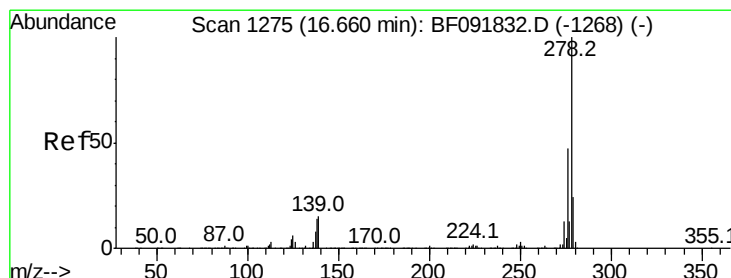
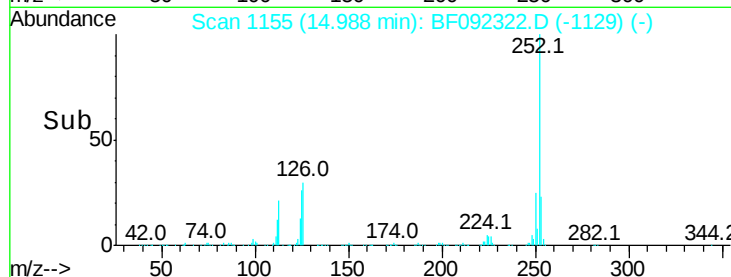
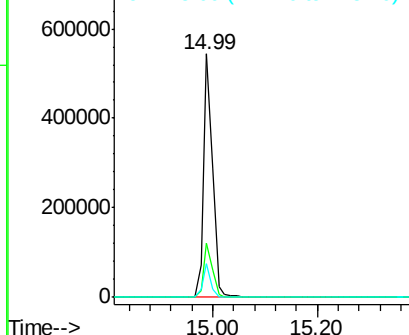
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.7	10.0	15.0

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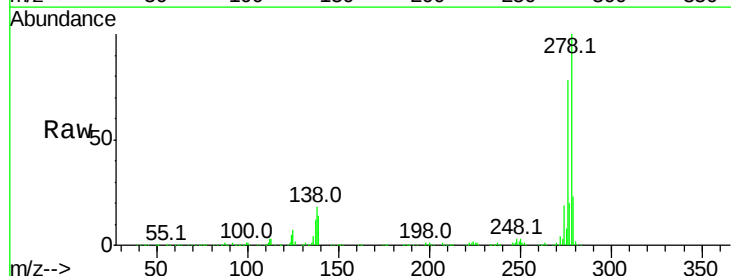


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

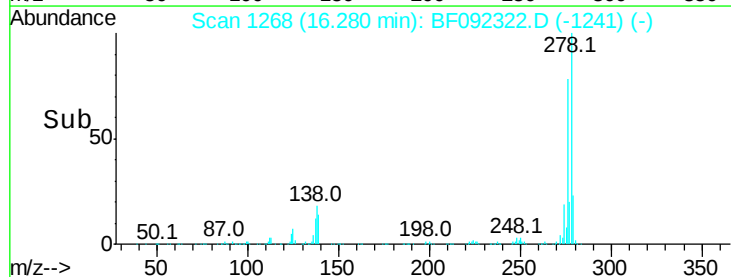
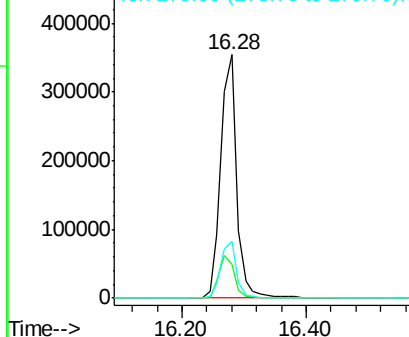


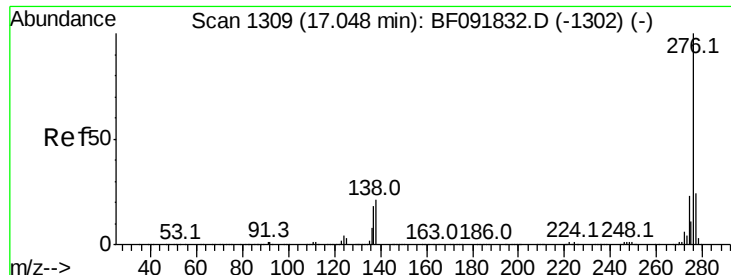
#90
Dibenzo(a,h)anthracene
Concen: 48.30 ng
RT: 16.28 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF092322.D
Acq: 17 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	14.8	22.2#
279	23.1	19.8	29.6



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





#91
 Benzo(a,h,i)perylene
 Concen: 49.32 ng
 RT: 16.63 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF092322.D
 Acq: 17 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	19.9	16.0	24.0

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