

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092284.D
 Acq On : 16 Jan 2017 14:33
 Operator : UM/SJ
 Sample : PB95965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Manual Integrations
 APPROVED

mohammad
 1/17/2017 4:57:03 PM

Quant Time: Jan 17 00:57:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	255551	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	997285	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	538980	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	968497	20.00	ng	0.00
75) Chrysene-d12	13.71	240	646036	20.00	ng	0.00
86) Perylene-d12	15.06	264	750941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	1988973	129.96	ng	0.02
7) Phenol-d6	6.24	99	2572888	137.69	ng	0.01
23) Nitrobenzene-d5	7.15	82	1605118	89.50	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	574583	128.82	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2513893	97.46	ng	0.00
78) Terphenyl-d14	12.66	244	2509439	94.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	271206	35.99	ng	97
3) Pyridine	2.69	79	788418	29.98	ng	97
4) n-Nitrosodimethylamine	2.67	42	361661	36.46	ng	97
6) Aniline	6.23	93	636704	26.23	ng	# 56
8) 2-Chlorophenol	6.36	128	780808	44.85	ng	92
9) Benzaldehyde	6.11	77	33547	2.18	ng	90
10) Phenol	6.26	94	1064417	49.99	ng	# 63
11) bis(2-Chloroethyl)ether	6.31	93	724888	42.79	ng	99
12) 1,3-Dichlorobenzene	6.51	146	784434	42.21	ng	99
13) 1,4-Dichlorobenzene	6.58	146	765523	40.47	ng	99
14) 1,2-Dichlorobenzene	6.74	146	645031	39.30	ng	98
15) Benzyl Alcohol	6.74	79	612040	42.15	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1007672	39.94	ng	# 39
17) 2-Methylphenol	6.86	107	609108	43.50	ng	# 91
18) Hexachloroethane	7.07	117	274922	39.20	ng	# 85
19) n-Nitroso-di-n-propylamine	7.00	70	523105	42.08	ng	98
20) 3+4-Methylphenols	7.02	107	855046	51.20	ng	# 71
22) Acetophenone	6.99	105	1090905	44.35	ng	# 92
24) Nitrobenzene	7.16	77	754351	39.49	ng	96
25) Isophorone	7.41	82	1523861	46.05	ng	99
26) 2-Nitrophenol	7.48	139	431153	45.77	ng	92
27) 2,4-Dimethylphenol	7.54	122	642626	41.13	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	939603	46.83	ng	99
29) 2,4-Dichlorophenol	7.73	162	625118	47.25	ng	91
30) 1,2,4-Trichlorobenzene	7.80	180	619080	42.70	ng	95
31) Naphthalene	7.88	128	2120504	46.46	ng	99
32) Benzoic acid	7.72	122	502486	43.36	ng	97
33) 4-Chloroaniline	7.94	127	414635	20.15	ng	98
34) Hexachlorobutadiene	7.99	225	320118	41.83	ng	99
35) Caprolactam	8.32	113	205714m	47.32	ng	
36) 4-Chloro-3-methylphenol	8.45	107	688065	45.20	ng	98
37) 2-Methylnaphthalene	8.56	142	1299788	48.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	592157	43.49	ng	98
40) Hexachlorocyclopentadiene	8.72	237	463344	76.58	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	411311	43.19	nq	97
43) 2,4,5-Trichlorophenol	8.91	196	380981	38.87	nq	96
45) 1,1'-Biphenyl	9.03	154	1730048	46.88	nq	98
46) 2-Chloronaphthalene	9.06	162	1311794	44.89	nq	99
47) 2-Nitroaniline	9.16	65	398189	38.27	nq	99
48) Acenaphthylene	9.47	152	1967281	43.77	nq	99
49) Dimethylphthalate	9.34	163	1574981	45.69	nq	99
50) 2,6-Dinitrotoluene	9.41	165	377327	50.01	nq	99
51) Acenaphthene	9.64	154	1326168	43.52	nq	99
52) 3-Nitroaniline	9.57	138	216282	23.16	nq	98
53) 2,4-Dinitrophenol	9.70	184	406996	96.94	nq	# 81
54) Dibenzofuran	9.81	168	1820213	44.23	nq	97
55) 4-Nitrophenol	9.78	139	489815m	77.26	nq	
56) 2,4-Dinitrotoluene	9.81	165	386797	40.84	nq	# 63
57) Fluorene	10.15	166	1540777	51.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	371334	47.90	nq	97
59) Diethylphthalate	10.04	149	1493668	44.62	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	584973	44.62	nq	96
61) 4-Nitroaniline	10.20	138	493881	51.04	nq	82
62) Azobenzene	10.30	77	1848349	50.15	nq	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	291521	49.78	nq	# 42
65) n-Nitrosodiphenylamine	10.27	169	1282738	44.63	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	485225	48.16	nq	# 81
67) Hexachlorobenzene	10.69	284	459561	42.68	nq	# 83
68) Atrazine	10.80	200	407804	43.99	nq	98
69) Pentachlorophenol	10.90	266	419949	79.48	nq	98
70) Phenanthrene	11.10	178	2167020	41.26	nq	99
71) Anthracene	11.16	178	2309070	52.63	nq	98
72) Carbazole	11.32	167	2270233	68.32	nq	99
73) Di-n-butylphthalate	11.65	149	2380167	48.12	nq	99
74) Fluoranthene	12.28	202	2050226	44.45	nq	99
76) Benzidine	12.42	184	851122	54.21	nq	95
77) Pyrene	12.51	202	2276550	48.03	nq	99
79) Butylbenzylphthalate	13.14	149	1013986	47.04	nq	99
80) Benzo(a)anthracene	13.70	228	1852690	50.80	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	431211	31.18	nq	98
82) Chrysene	13.73	228	1682226	45.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1327685	52.30	nq	# 94
84) Di-n-octyl phthalate	14.31	149	2580921	54.88	nq	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	1784864	56.32	nq	98
87) Benzo(b)fluoranthene	14.69	252	2558812m	54.73	nq	
88) Benzo(k)fluoranthene	14.73	252	1189056m	29.82	nq	
89) Benzo(a)pyrene	15.00	252	1792646	43.20	nq	98
90) Dibenzo(a,h)anthracene	16.29	278	1449301	42.49	nq	98
91) Benzo(g,h,i)perylene	16.65	276	1560356	44.00	nq	# 92

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

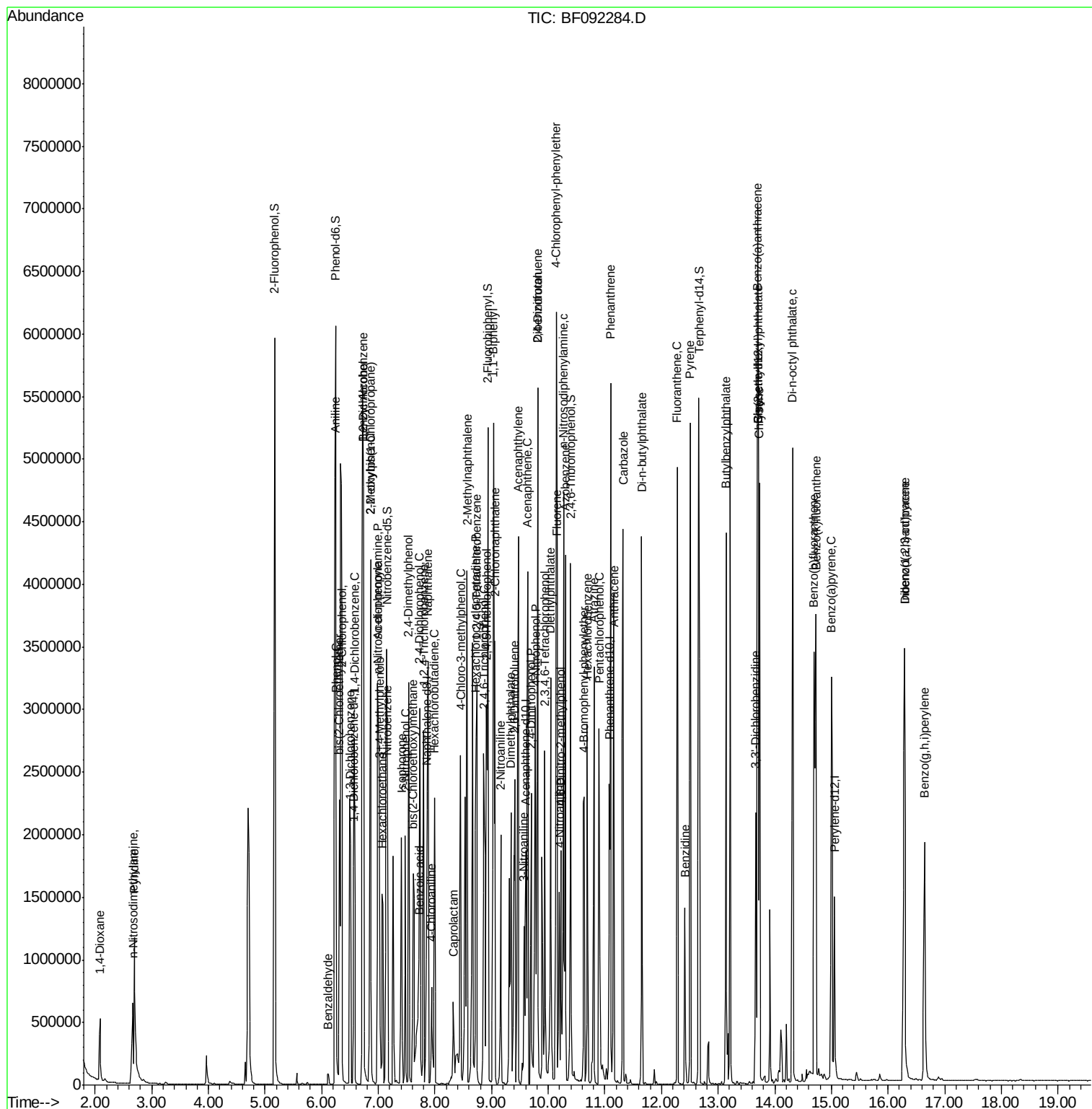
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Operator  : UM/SJ  
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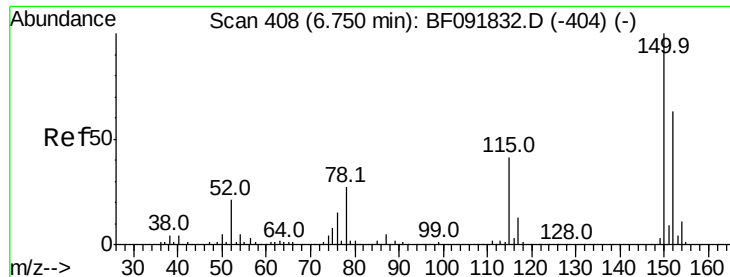
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

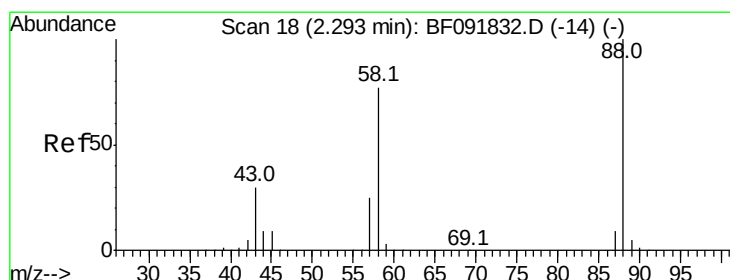
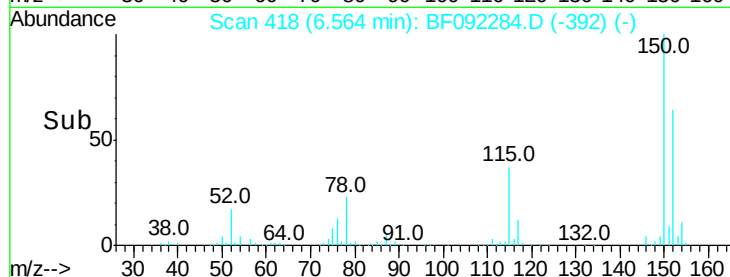
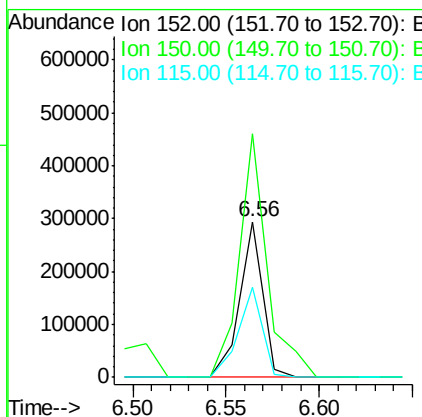
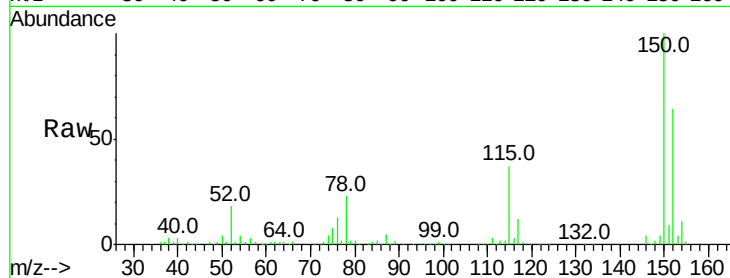
ClientSampleId :

PB95965BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	58.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 35.99 ng

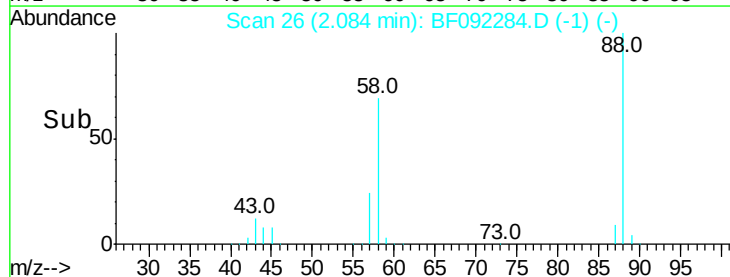
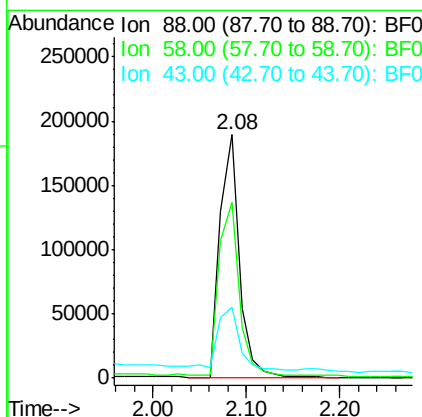
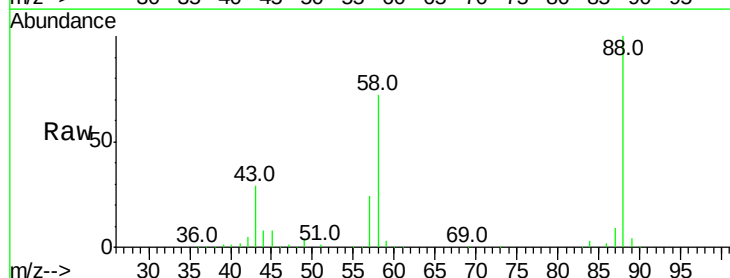
RT: 2.08 min Scan# 26

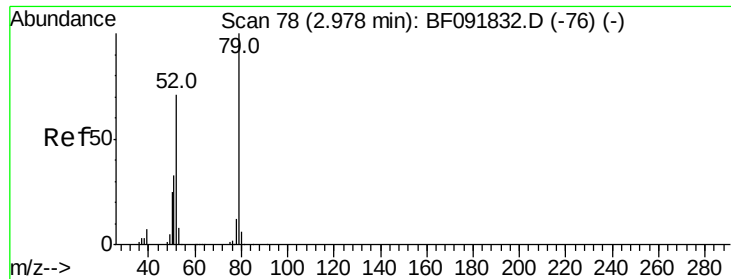
Delta R.T. 0.10 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	57.8	86.8
43	29.2	22.3	33.5





#3

Pvridine

Concen: 29.98 ng

RT: 2.69 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

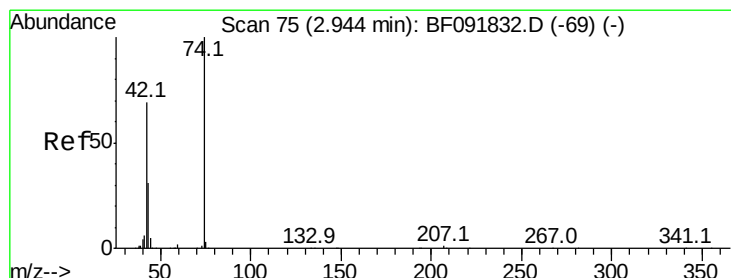
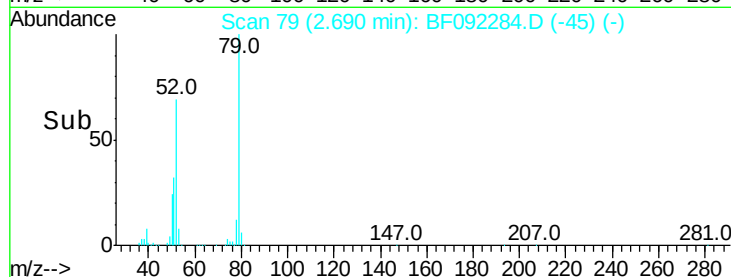
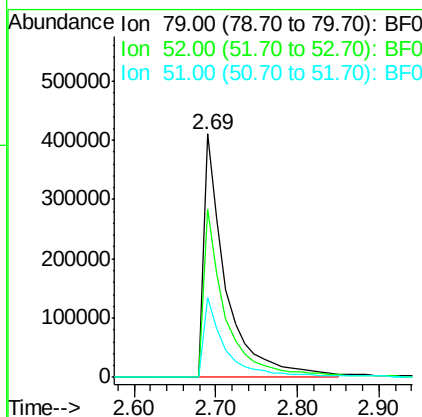
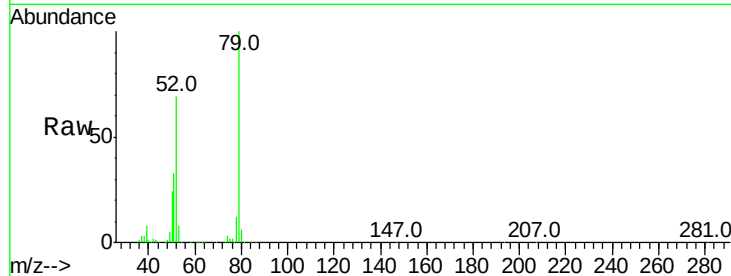
ClientSampled :

PB95965BS

Tot Ion:	79	Resp:	788418
Ion Ratio	Lower	Upper	
79	100		
52	69.0	57.1	85.7
51	32.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 36.46 ng

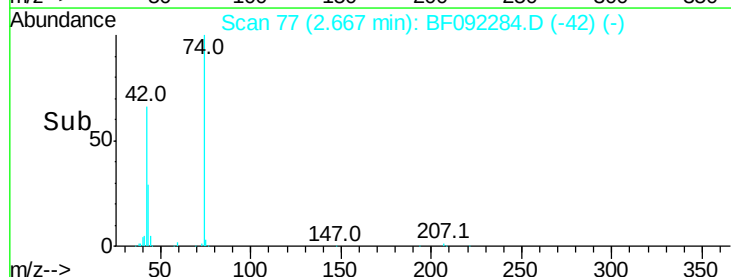
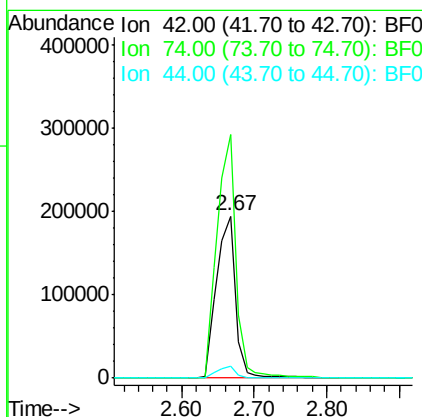
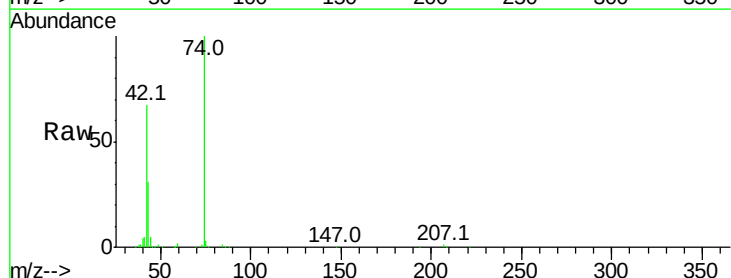
RT: 2.67 min Scan# 77

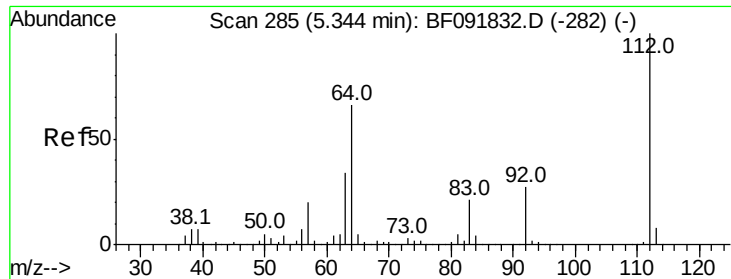
Delta R.T. 0.10 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	42	Resp:	361661
Ion Ratio	Lower	Upper	
42	100		
74	150.0	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 129.96 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:112 Resp: 1988973

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

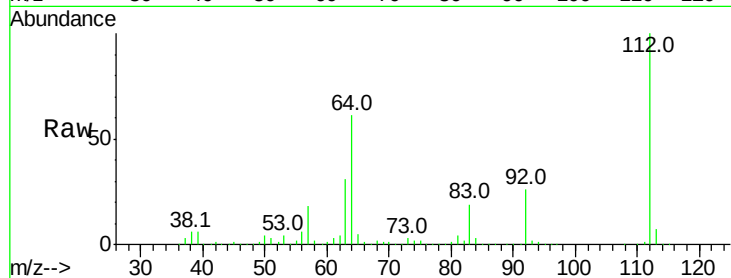
63 31.0 23.8 35.6

Manual Integrations

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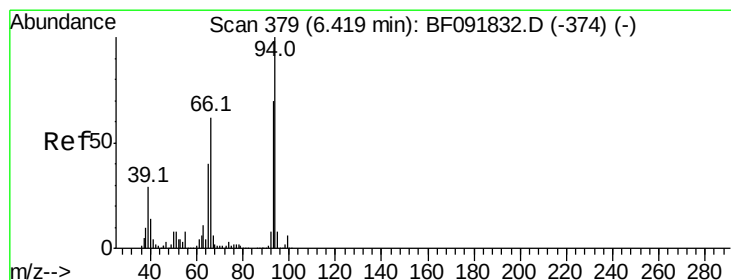
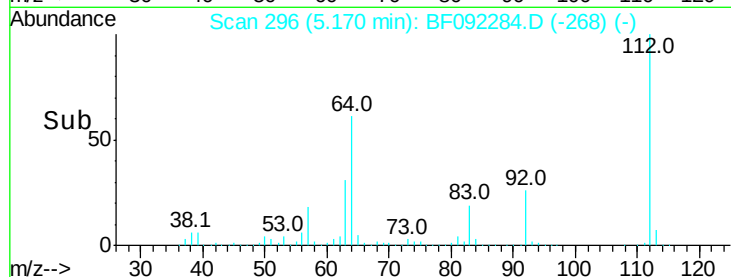
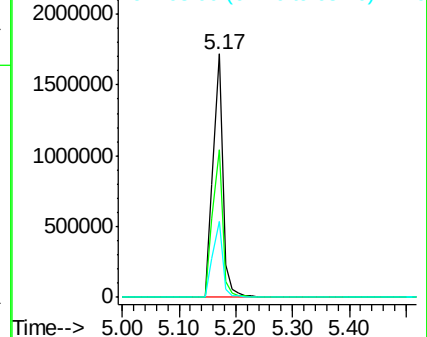
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.23 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

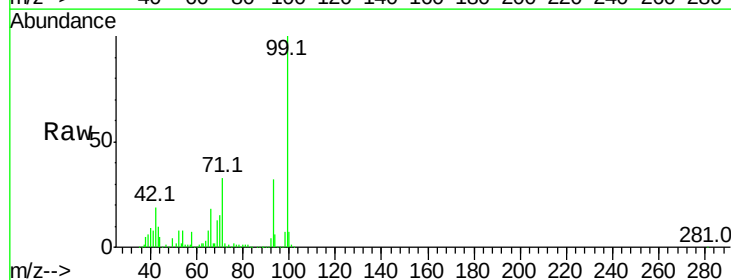
Tgt Ion: 93 Resp: 636704

Ion Ratio Lower Upper

93 100

66 54.6 76.2 114.2#

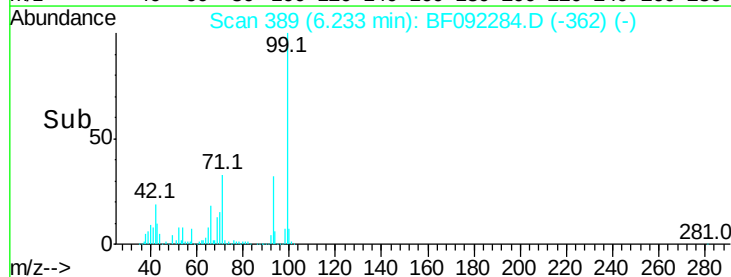
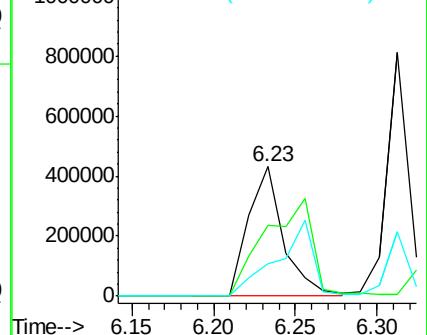
65 24.9 49.3 73.9#

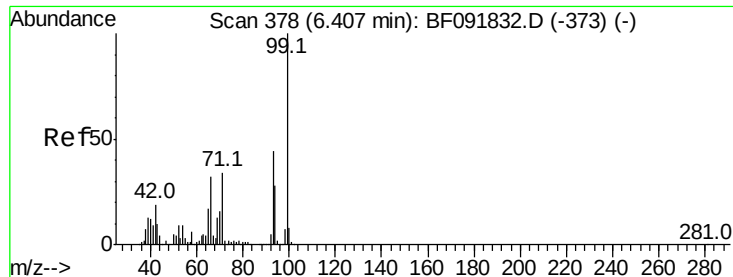


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.69 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion: 99 Resp: 2572888

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

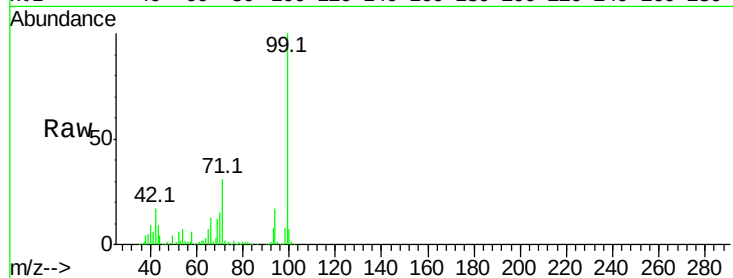
71 31.5 27.5 41.3

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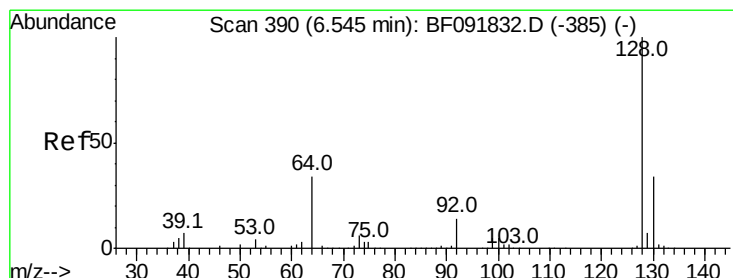
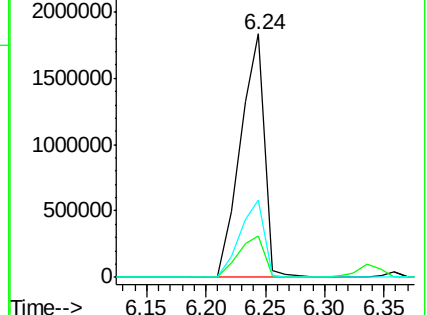
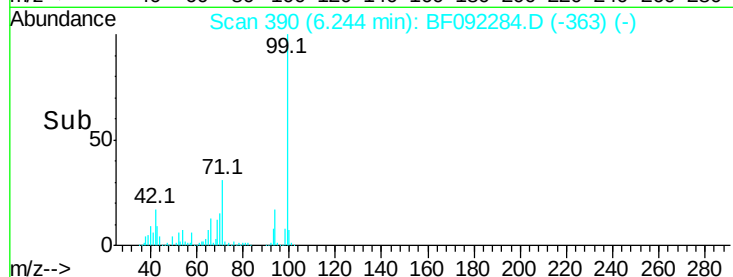
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.85 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

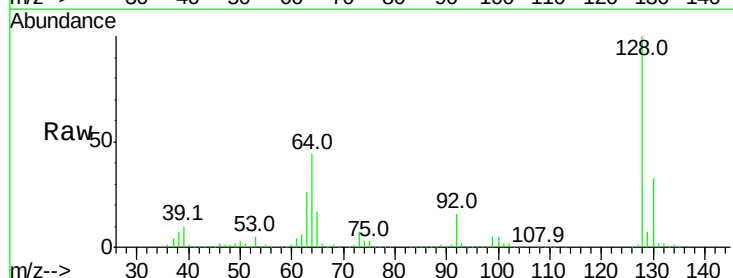
Tgt Ion:128 Resp: 780808

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

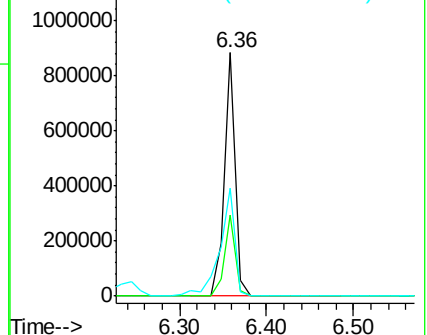
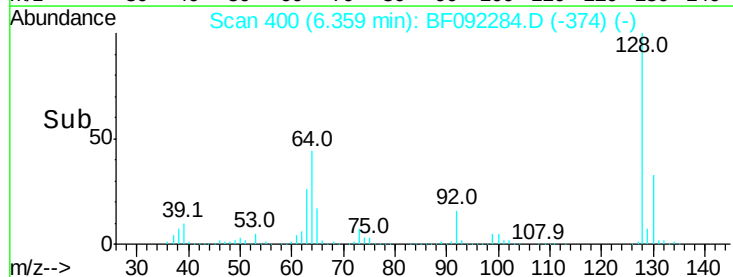
64 44.3 32.2 72.2

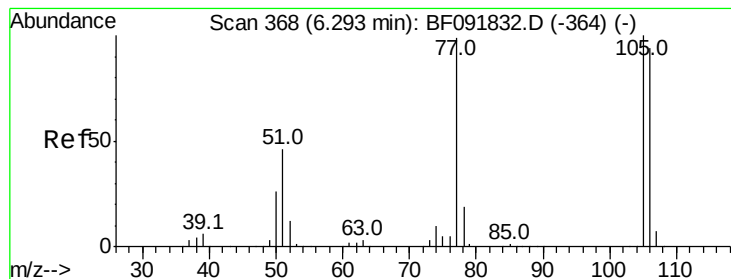


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.18 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

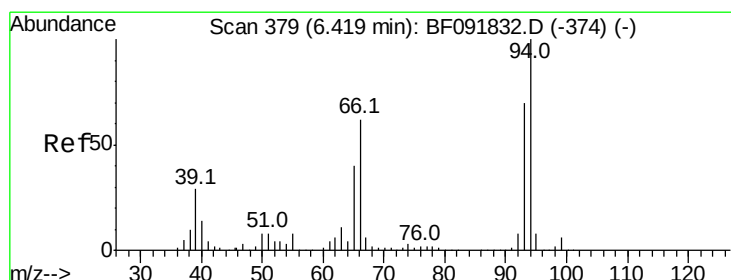
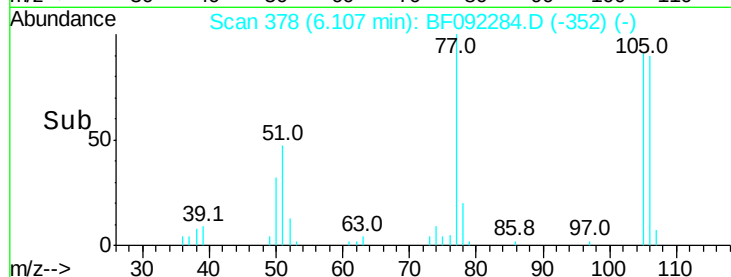
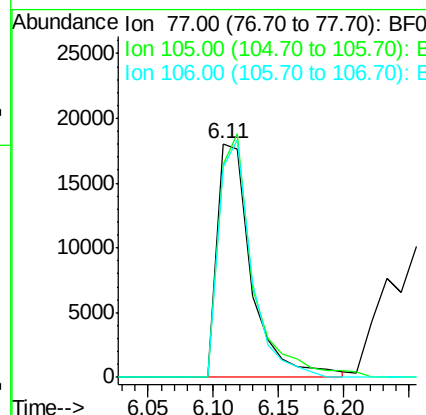
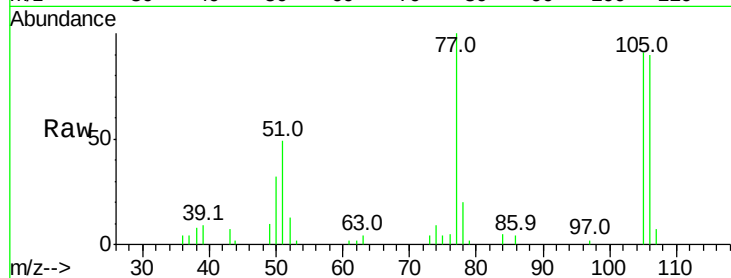
ClientSampleID :

PB95965BS

Tot Ion:	77	Resp:	33547
Ion	Ratio	Lower	Upper
77	100		
105	91.1	83.9	123.9
106	90.1	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 49.99 ng

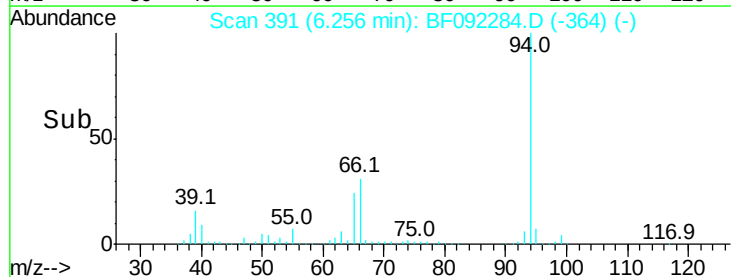
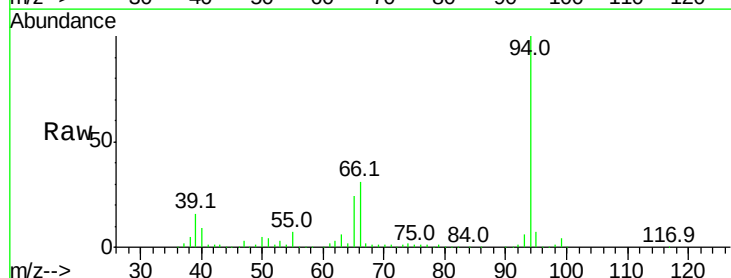
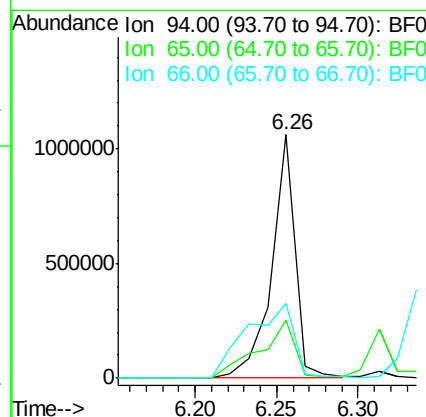
RT: 6.26 min Scan# 391

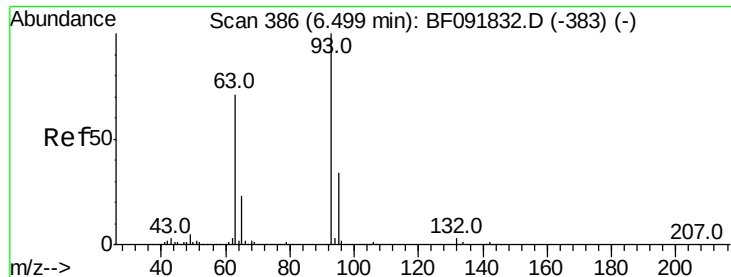
Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	94	Resp:	1064417
Ion	Ratio	Lower	Upper
94	100		
65	23.9	21.4	61.4
66	30.7	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 42.79 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

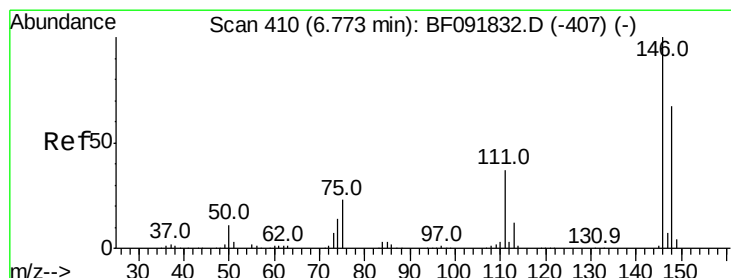
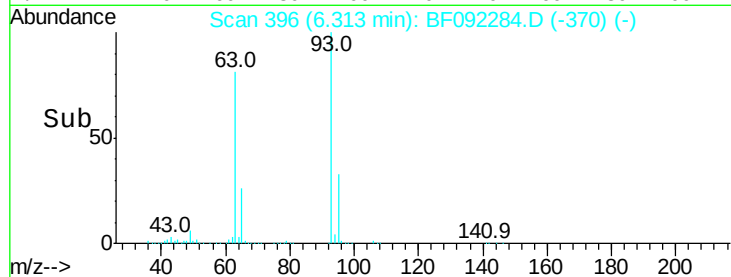
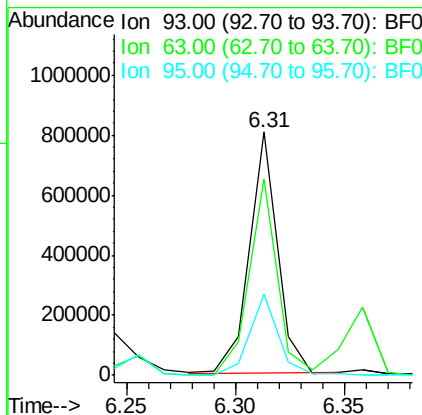
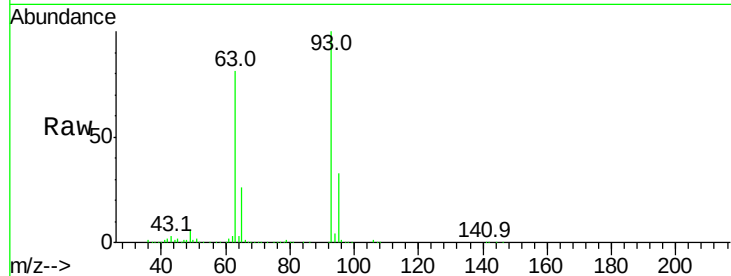
ClientSampleId :

PB95965BS

Tot Ion:	93	Resp:	724888
Ion	Ratio	Lower	Upper
93	100		
63	80.8	60.4	100.4
95	33.5	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.21 ng

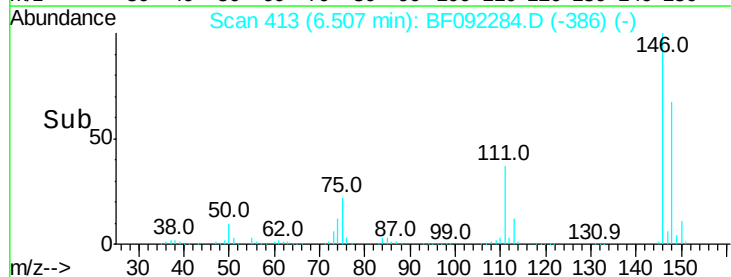
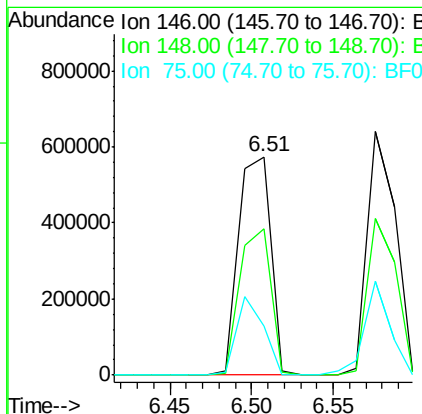
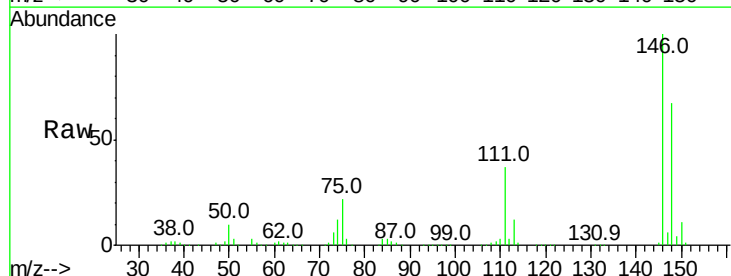
RT: 6.51 min Scan# 413

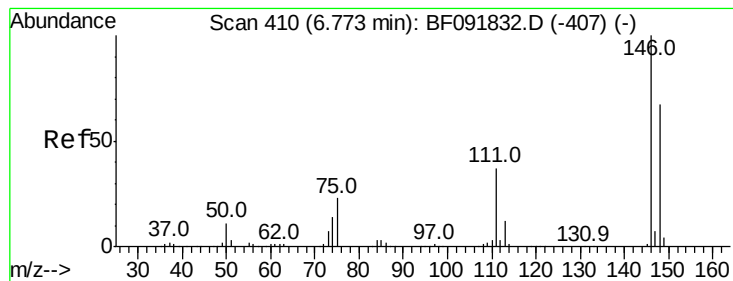
Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	146	Resp:	784434
Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.4	80.0
75	22.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 40.47 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

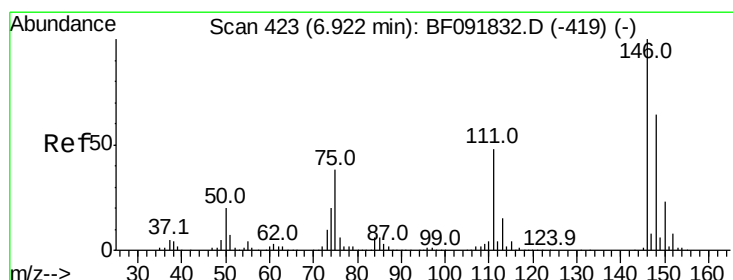
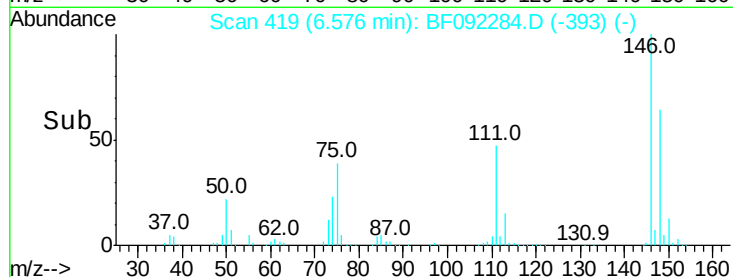
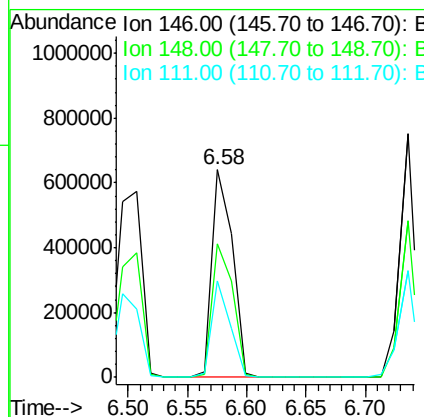
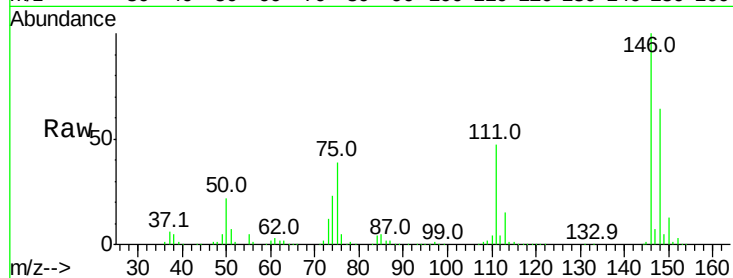
ClientSampleId :

PB95965BS

Tot Ion:	146	Resp:	765523
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	76.0
111	46.6	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.30 ng

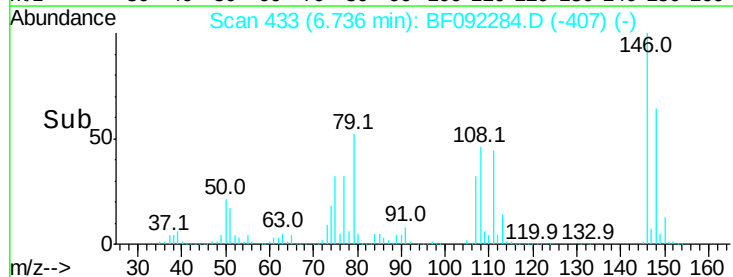
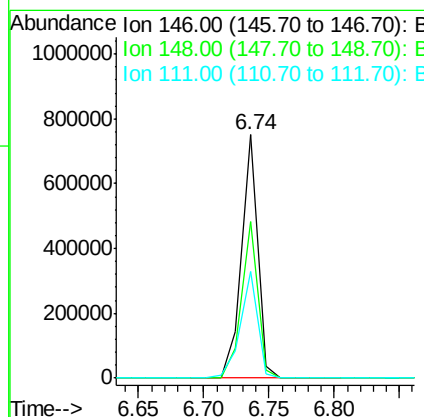
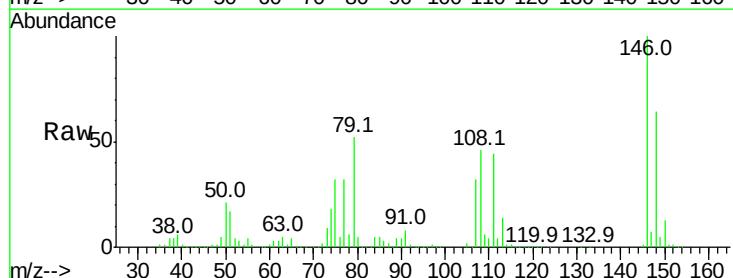
RT: 6.74 min Scan# 433

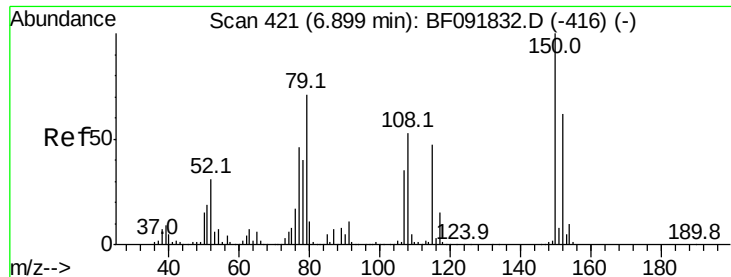
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	146	Resp:	645031
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	43.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.15 ng

RT: 6.74 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

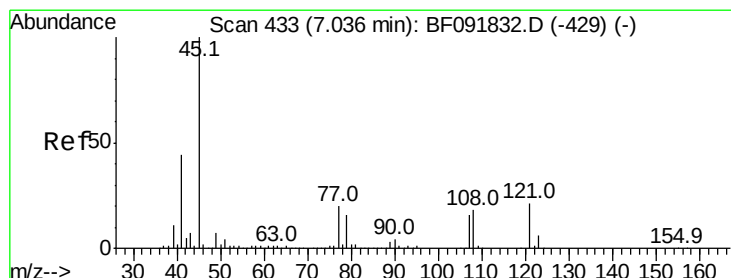
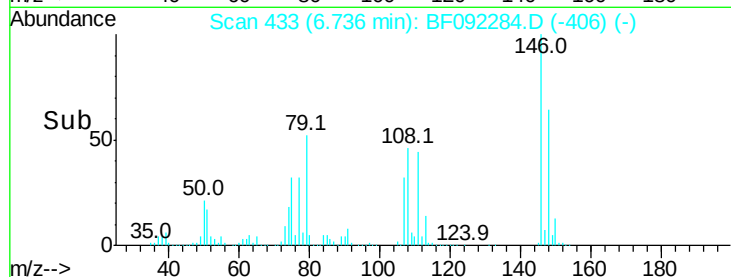
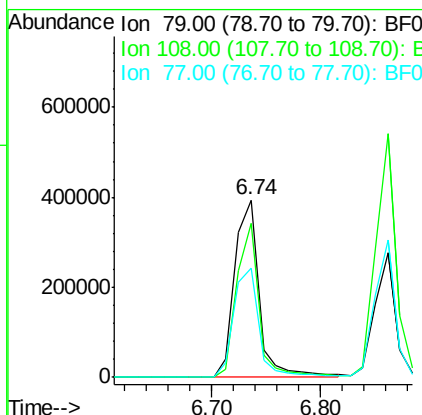
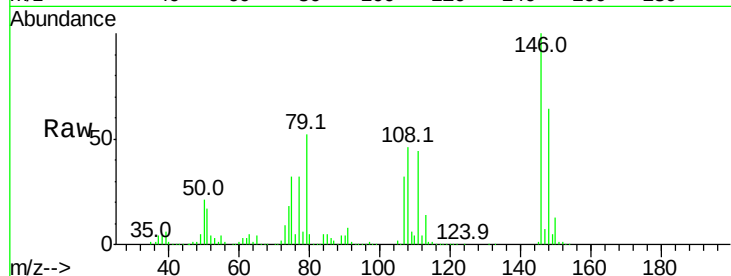
ClientSampleId :

PB95965BS

Tot Ion:	79	Resp:	612040
Ion Ratio	Lower	Upper	
79	100		
108	86.9	61.4	92.0
77	61.4	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.94 ng

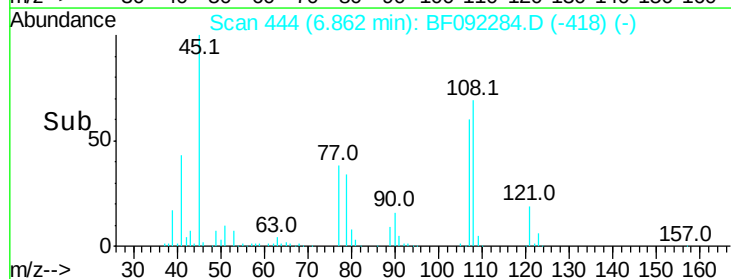
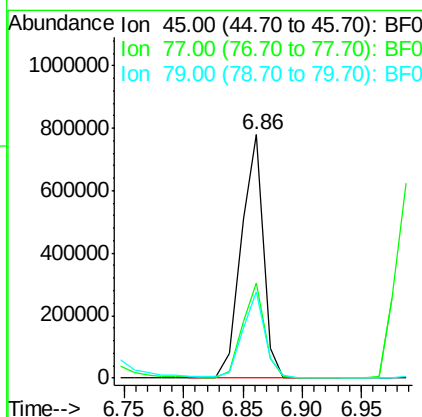
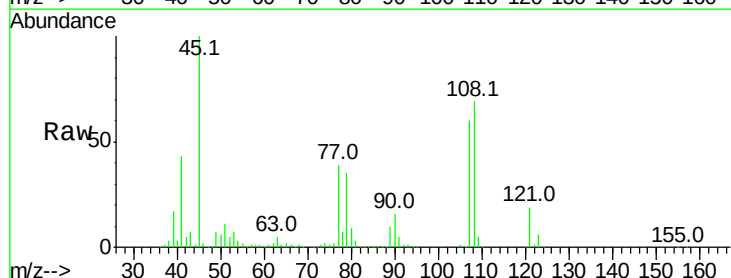
RT: 6.86 min Scan# 444

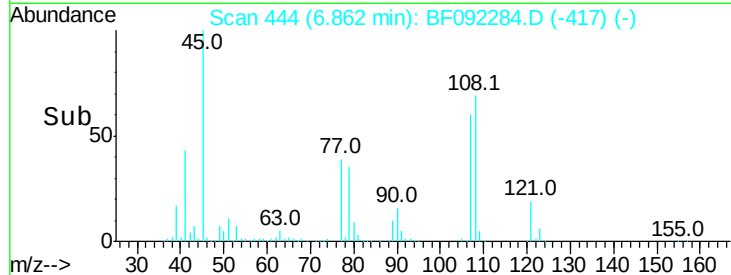
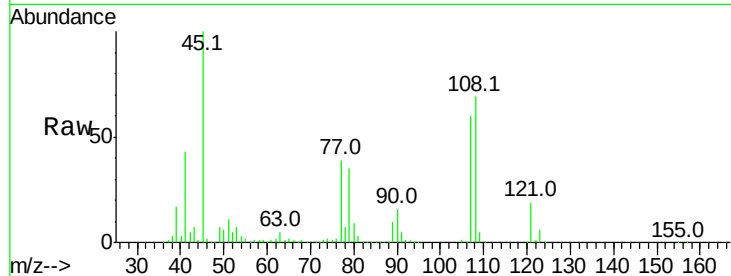
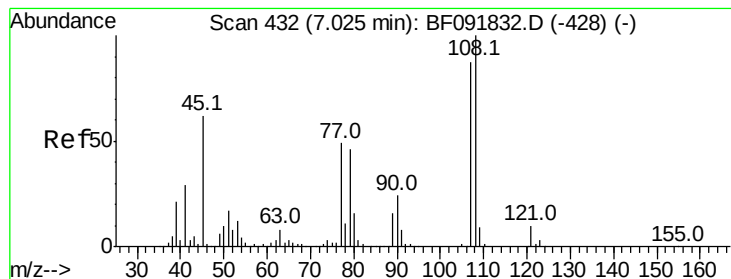
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	45	Resp:	1007672
Ion Ratio	Lower	Upper	
45	100		
77	39.1	0.0	34.6#
79	35.3	0.0	31.2#





#17

2-Methylphenol

Concen: 43.50 ng

RT: 6.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tot Ion	107	Resp	609108
Ion Ratio	Lower	Upper	
107	100		
108	115.3	93.0	139.6
77	65.0	39.8	59.8#
79	58.7	38.0	57.0#

Instrument :

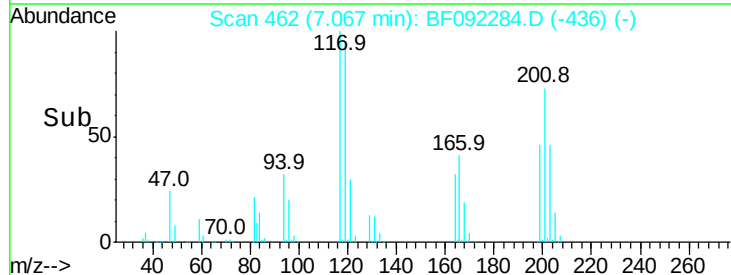
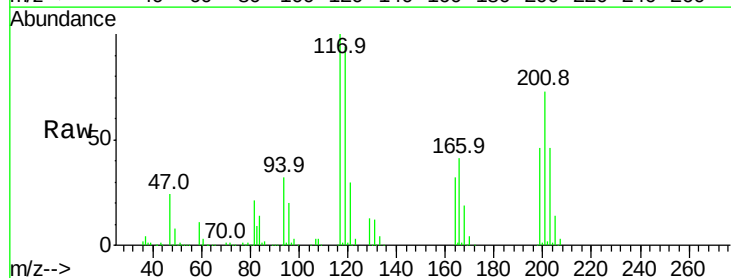
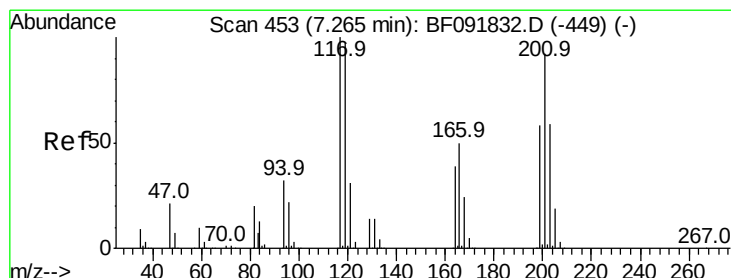
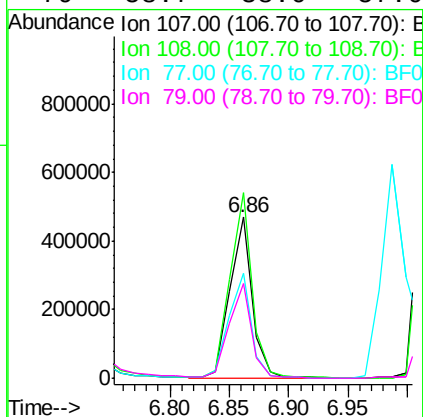
BNA_F

ClientSampleId :

PB95965BS

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#18

Hexachloroethane

Concen: 39.20 ng

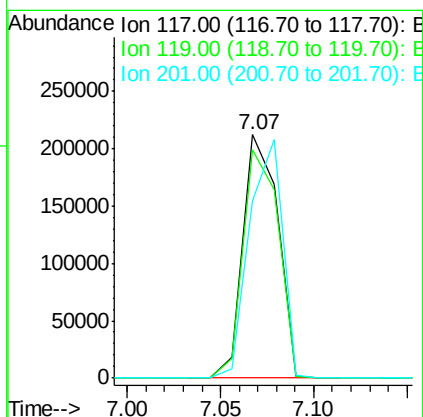
RT: 7.07 min Scan# 462

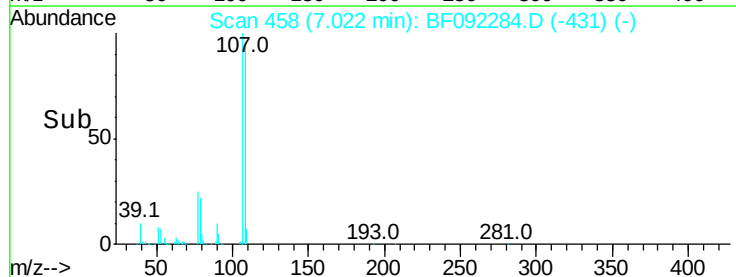
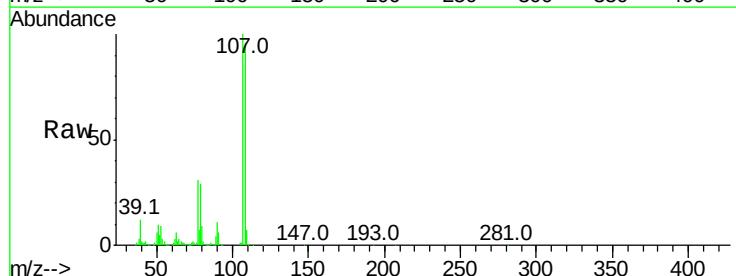
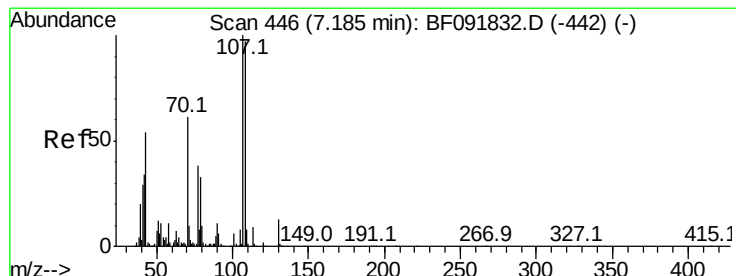
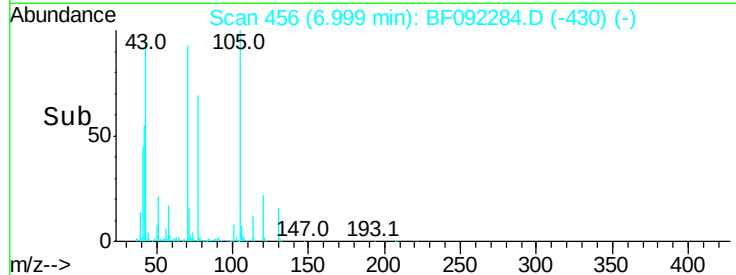
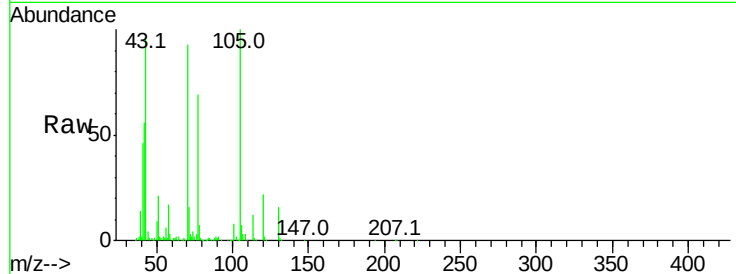
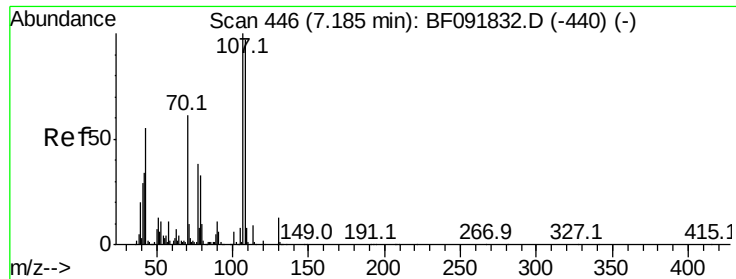
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	117	Resp	274922
Ion Ratio	Lower	Upper	
117	100		
119	93.6	78.1	117.1
201	72.6	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.08 ng

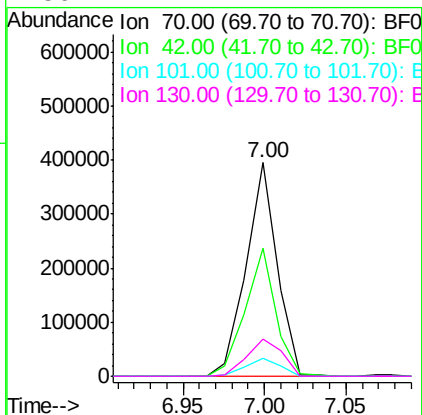
RT: 7.00 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.2	49.4	74.0		
101	8.6	7.4	11.2		
130	17.7	14.2	21.4		



Instrument :
BNA_F
ClientSampleId :
PB95965BS

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#20

3+4-Methylphenols

Concen: 51.20 ng

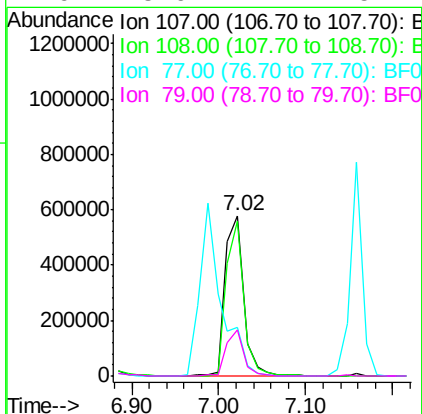
RT: 7.02 min Scan# 458

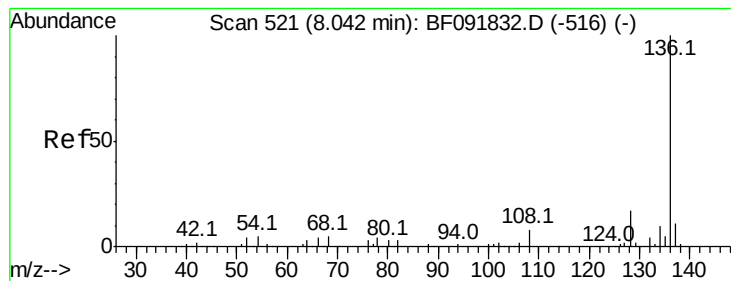
Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	96.4	73.0	113.0		
77	30.6	71.3	111.3#		
79	28.9	11.1	51.1		





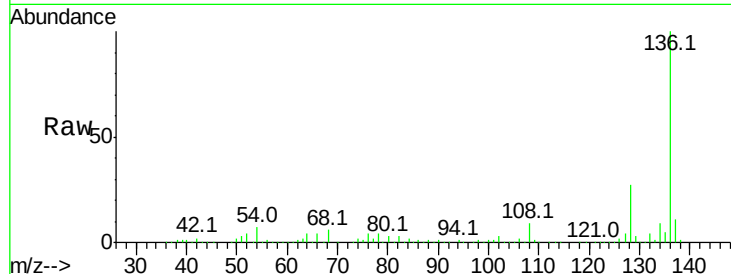
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

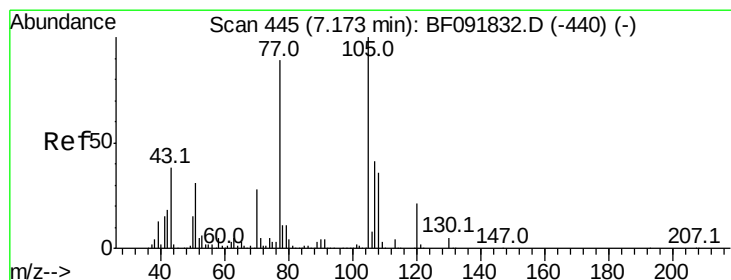
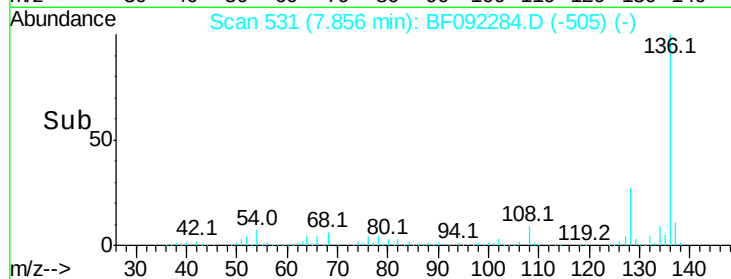
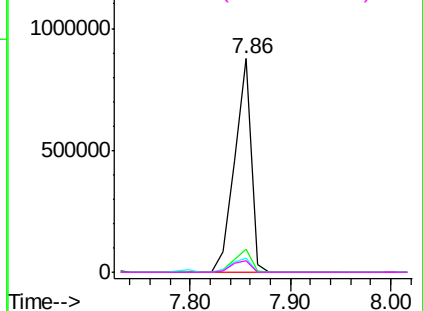
Tot Ion	Ratio	Resp	Lower	Upper
136	100	997285		
137	10.8		8.4	12.6
54	6.5		4.5	6.7
68	5.6		3.6	5.4#

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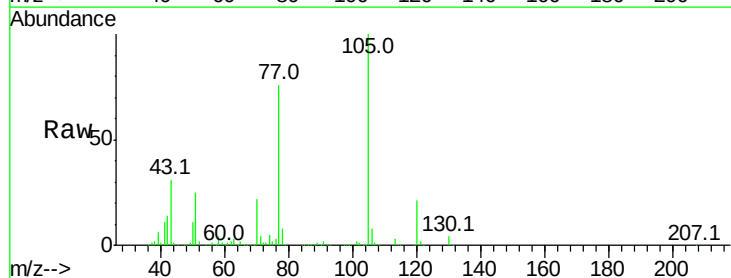


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

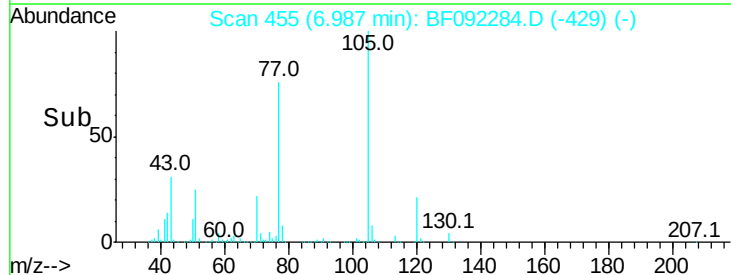
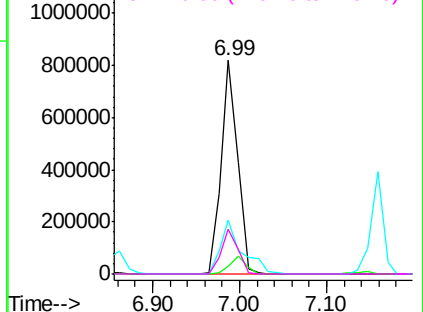


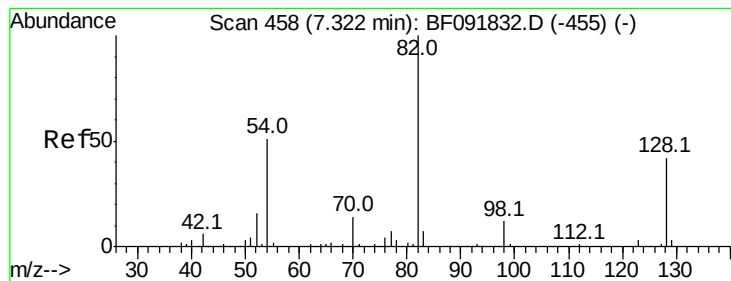
#22
Acetophenone
Concen: 44.35 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1090905		
71	3.6		3.2	4.8
51	25.5		26.2	39.4#
120	21.2		16.6	24.8



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





#23

Nitrobenzene-d5

Concen: 89.50 ng

RT: 7.15 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion: 82 Resp: 1605118

Ion Ratio Lower Upper

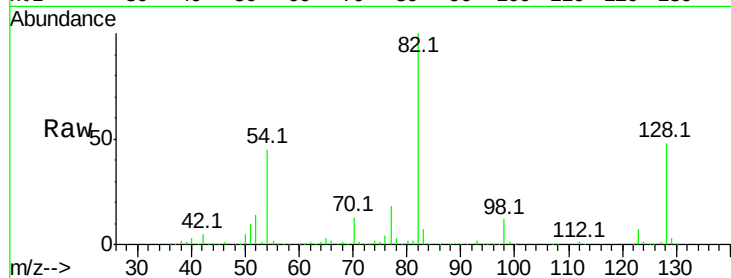
82 100

128 47.8 34.6 52.0

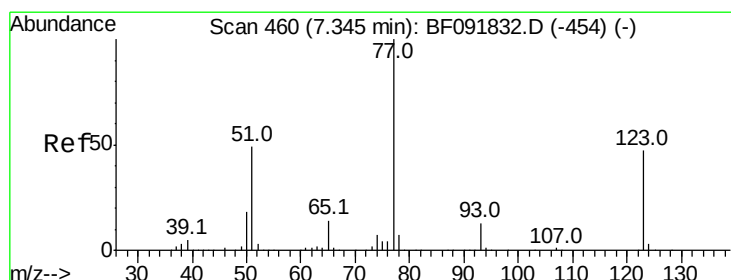
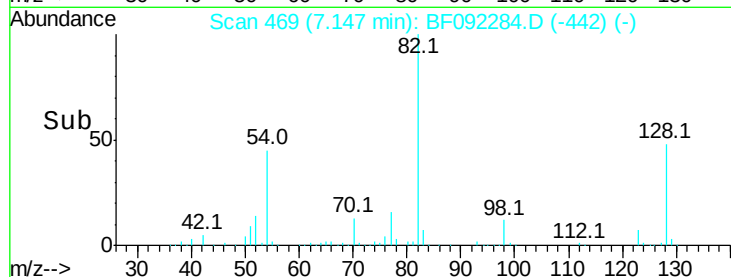
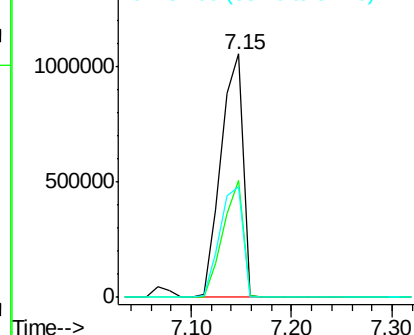
54 45.5 39.5 59.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.49 ng

RT: 7.16 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

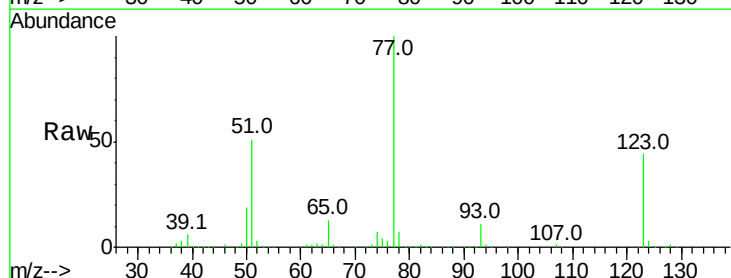
Tgt Ion: 77 Resp: 754351

Ion Ratio Lower Upper

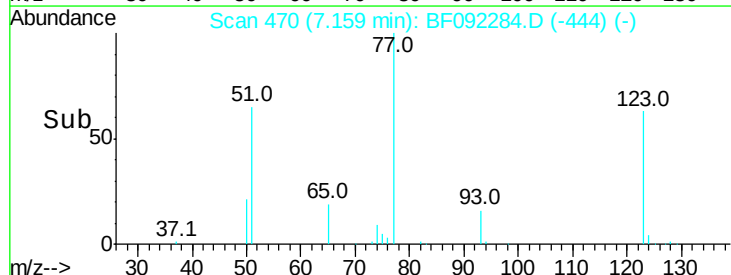
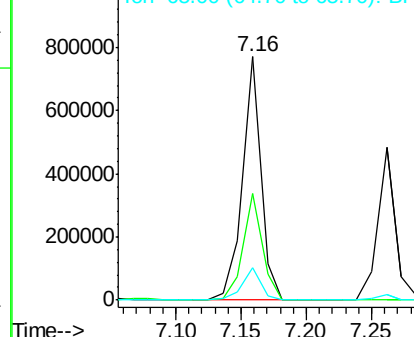
77 100

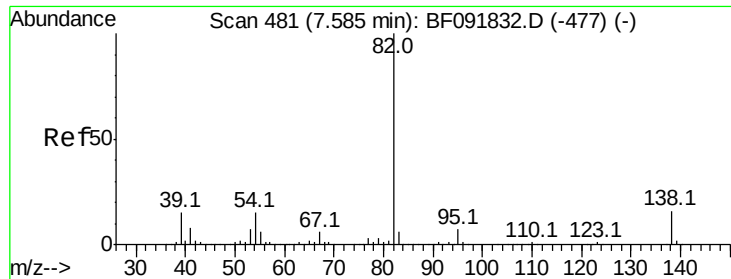
123 43.9 33.0 49.4

65 13.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.05 ng

RT: 7.41 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion: 82 Resp: 1523861

Ion Ratio Lower Upper

82 100

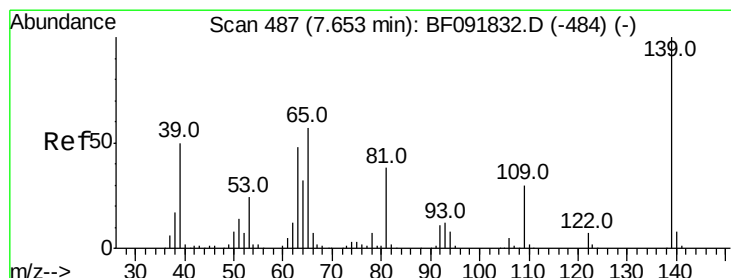
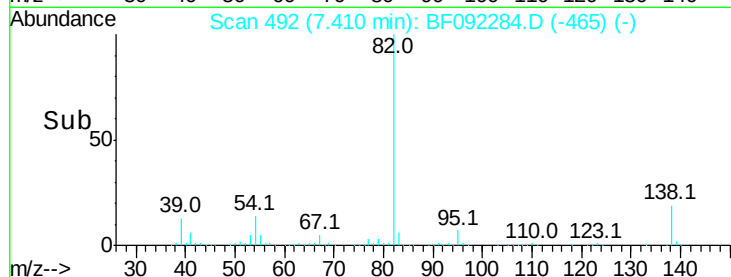
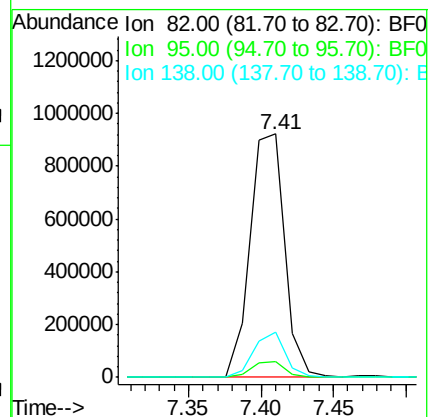
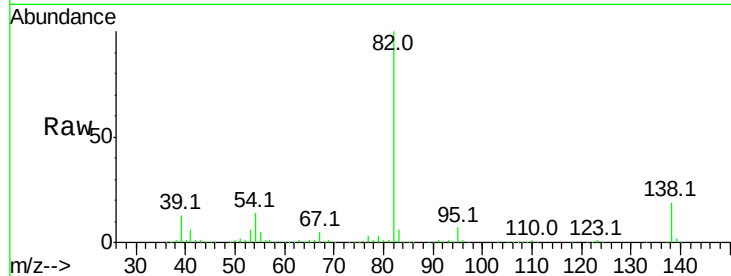
95 6.6 5.6 8.4

138 18.6 14.6 22.0

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#26

2-Nitrophenol

Concen: 45.77 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

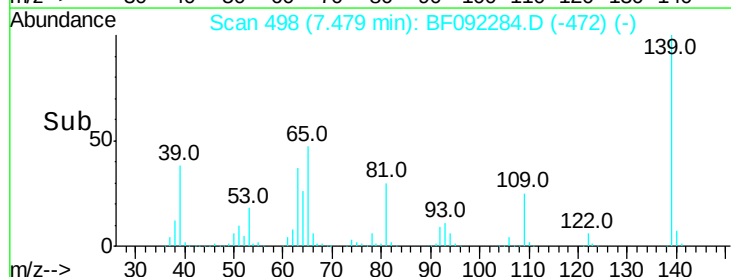
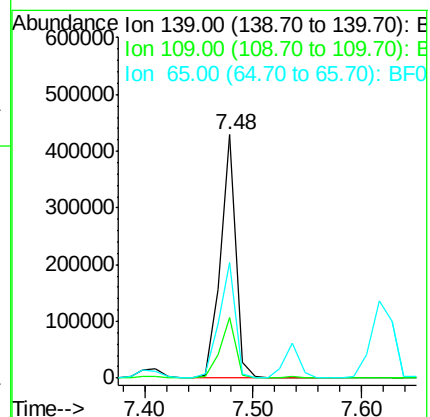
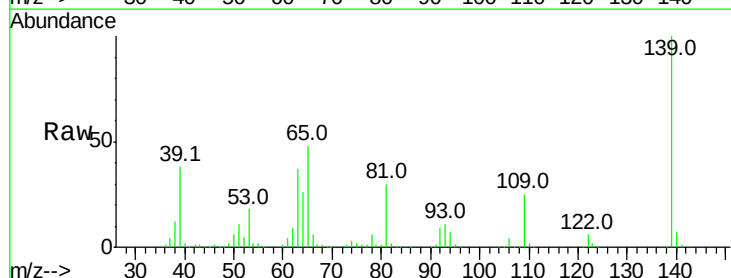
Tgt Ion: 139 Resp: 431153

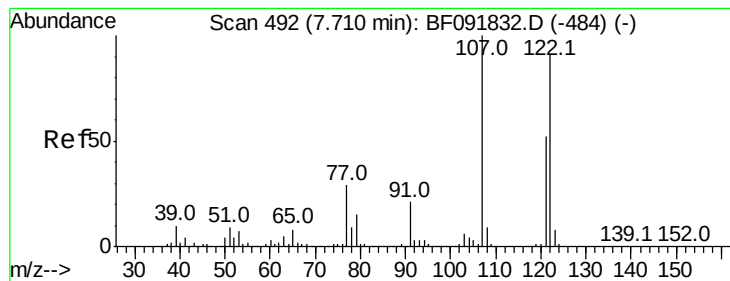
Ion Ratio Lower Upper

139 100

109 25.1 23.3 34.9

65 47.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 41.13 ng

RT: 7.54 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

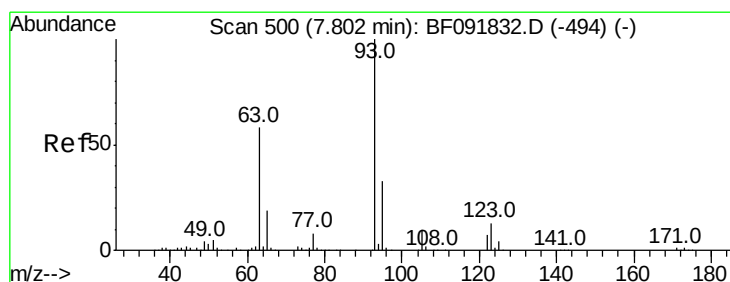
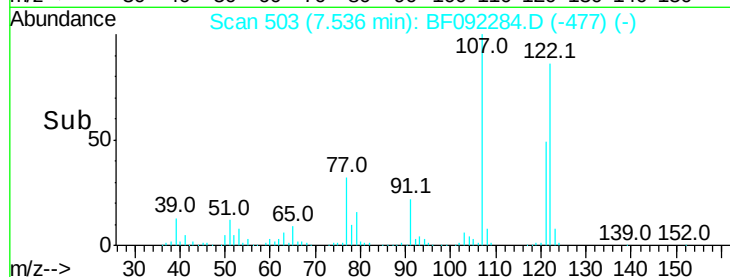
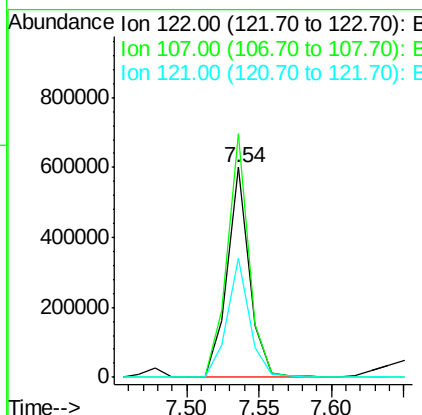
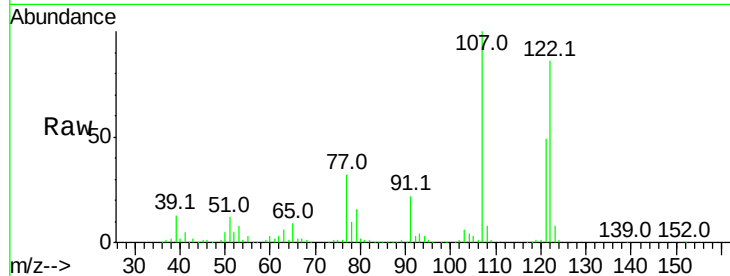
ClientSampleId :

PB95965BS

Tot Ion:	122	Resp:	642626
Ion Ratio	Lower	Upper	
122	100		
107	116.1	94.1	141.1
121	57.1	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 46.83 ng

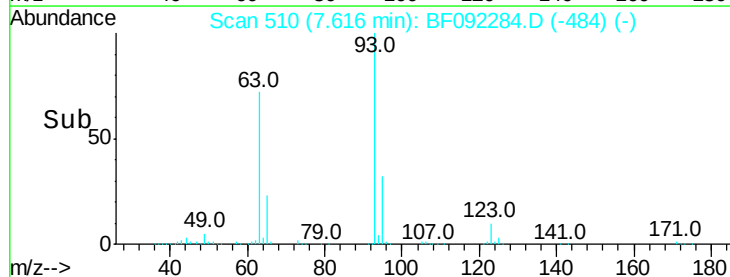
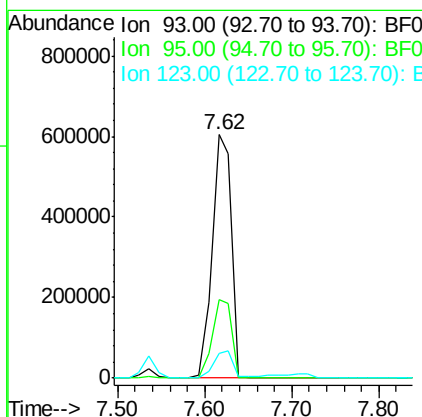
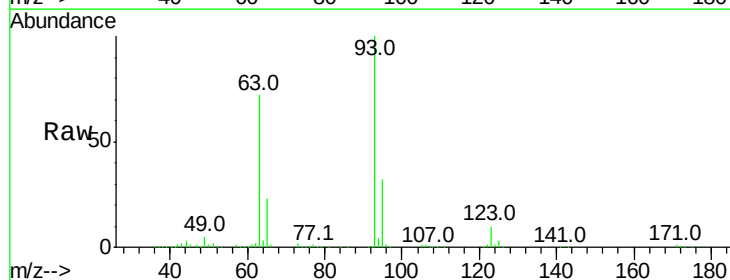
RT: 7.62 min Scan# 510

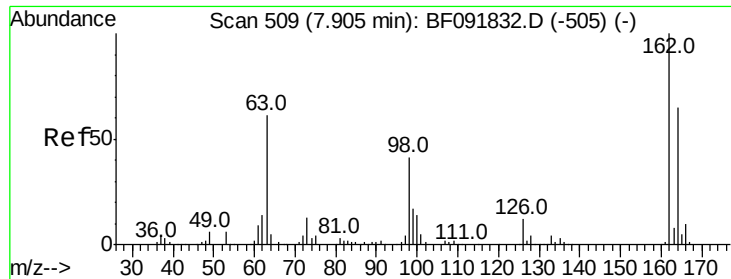
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	93	Resp:	939603
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	10.1	8.6	13.0





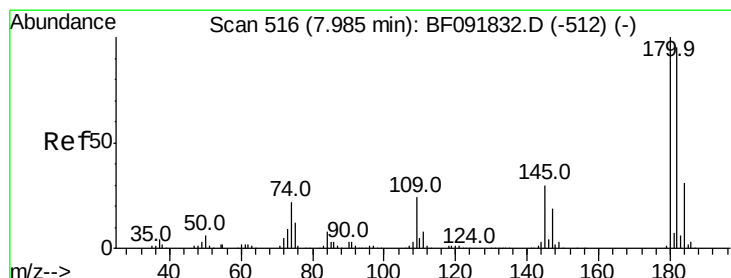
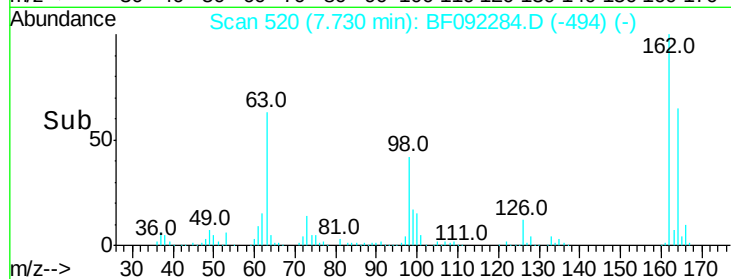
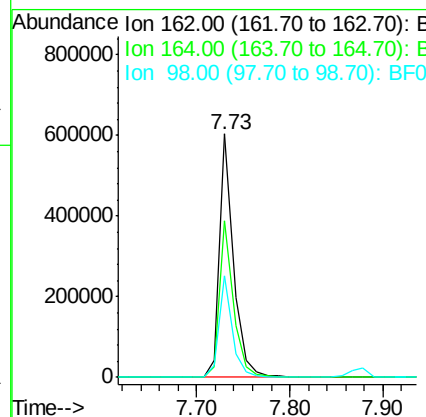
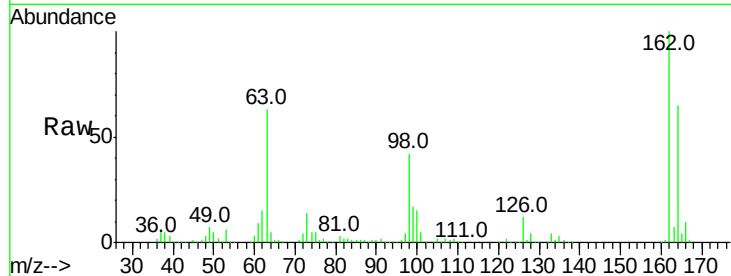
#29
 2,4-Dichlorophenol
 Concen: 47.25 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	625118		
164	64.5	46.8	86.8	
98	41.8	9.1	49.1	

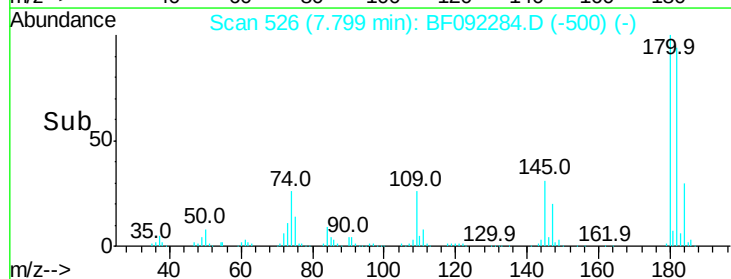
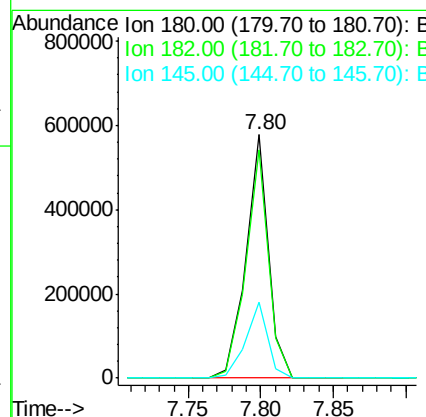
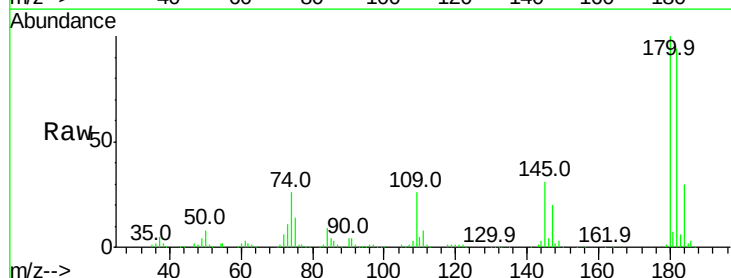
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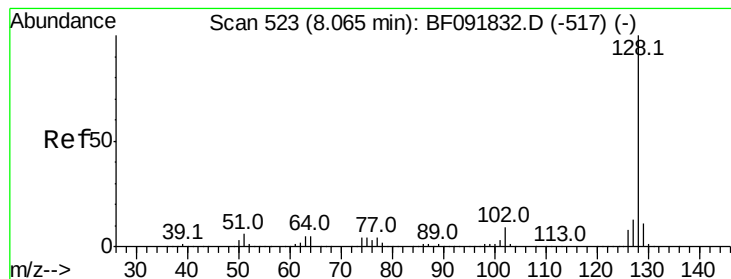
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.70 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	619080		
182	93.9	78.2	117.4	
145	31.0	21.6	32.4	





#31

Naphthalene

Concen: 46.46 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:128 Resp: 2120504

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

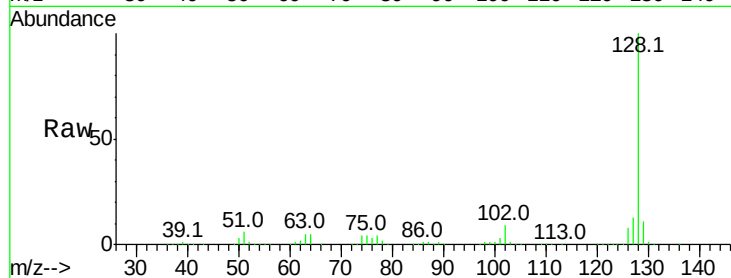
127 13.4 10.8 16.2

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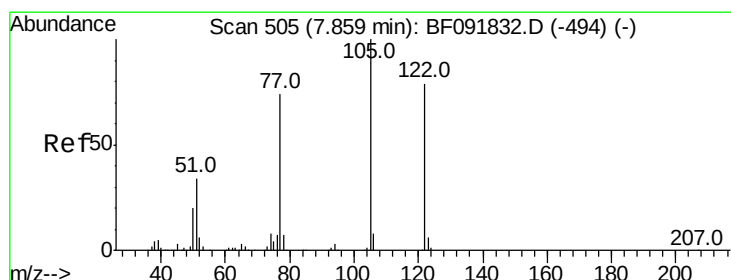
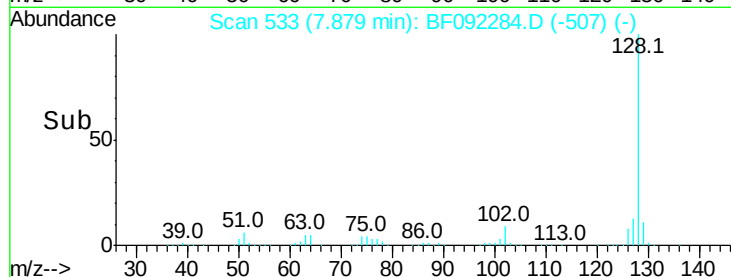
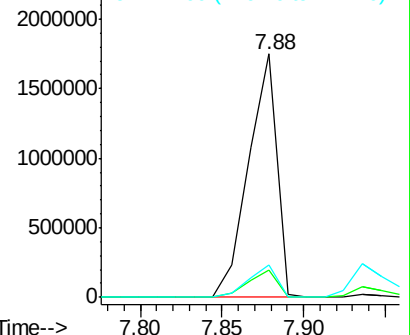
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.36 ng

RT: 7.72 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

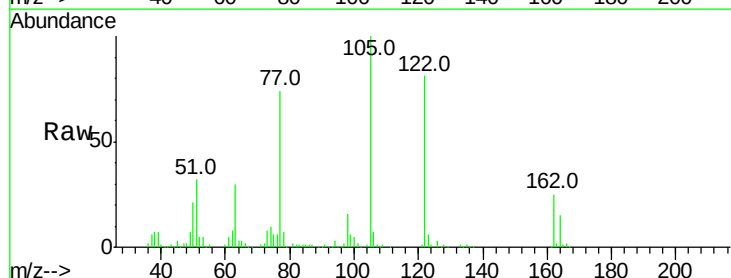
Tgt Ion:122 Resp: 502486

Ion Ratio Lower Upper

122 100

105 123.9 107.2 147.2

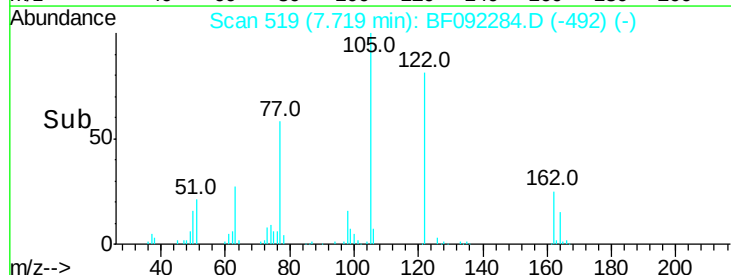
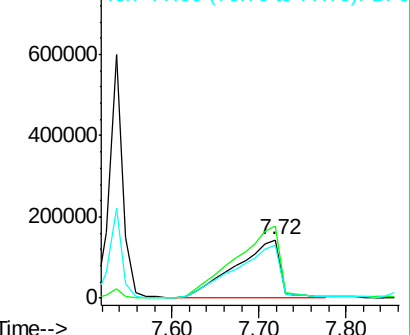
77 91.1 74.5 114.5

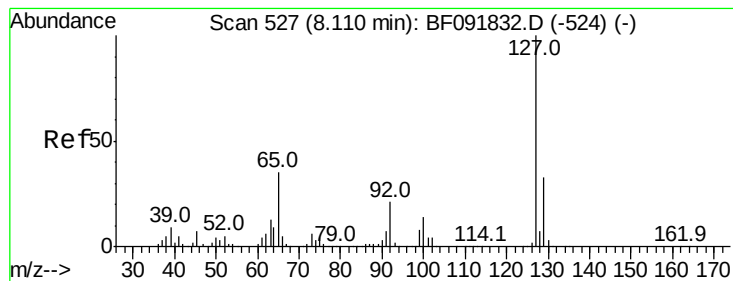


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.15 ng

RT: 7.94 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

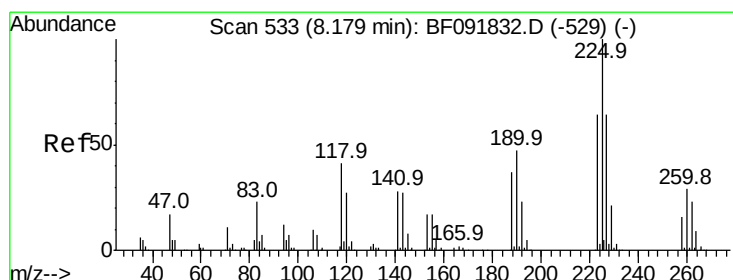
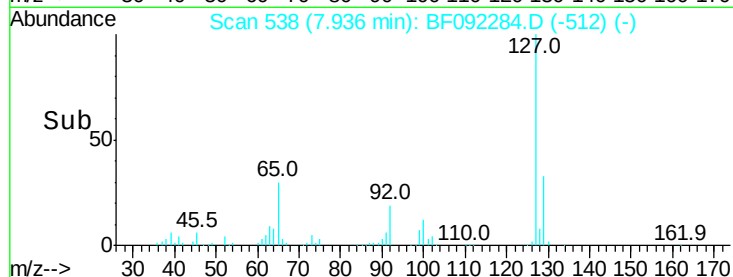
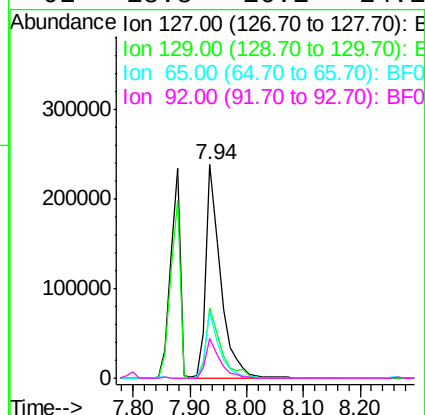
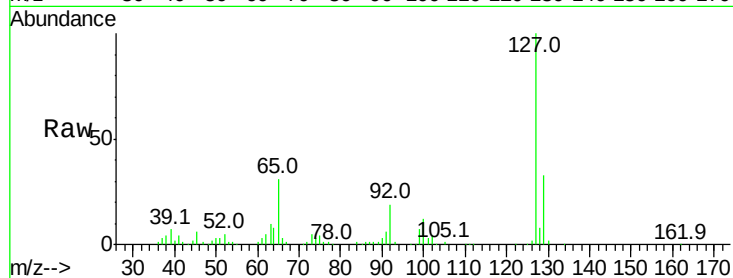
ClientSampleId :

PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.3	39.5	
65	31.0	25.8	38.8	
92	18.8	16.1	24.1	

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#34

Hexachlorobutadiene

Concen: 41.83 ng

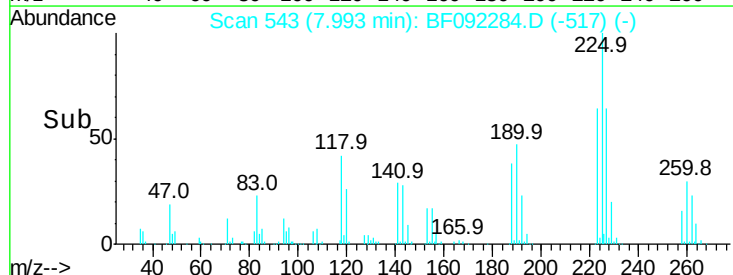
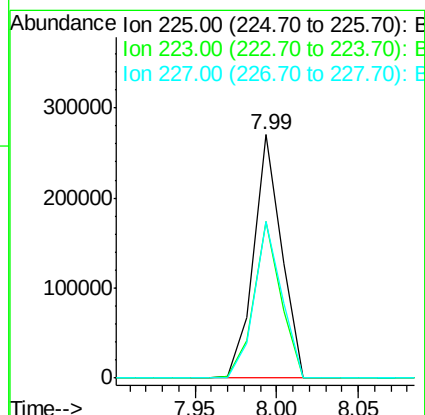
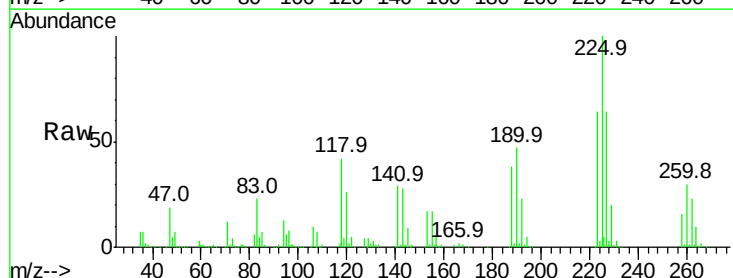
RT: 7.99 min Scan# 543

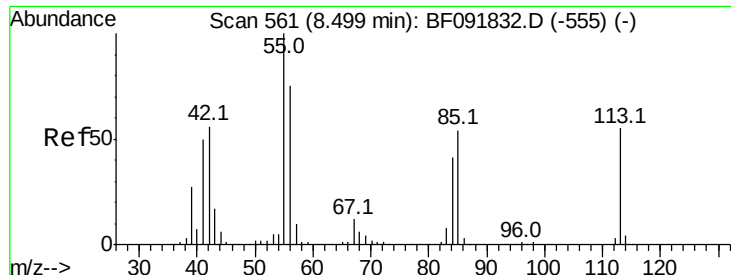
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	51.0	76.6	
227	64.1	50.6	76.0	





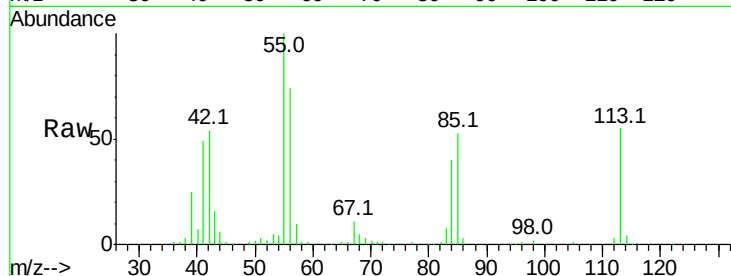
#35
Caprolactam
Concen: 47.32 ng/ml
RT: 8.32 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleID :
PB95965BS

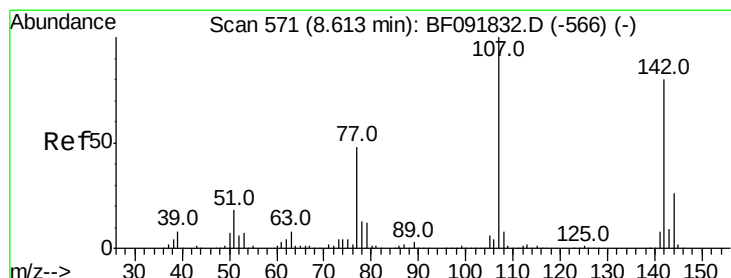
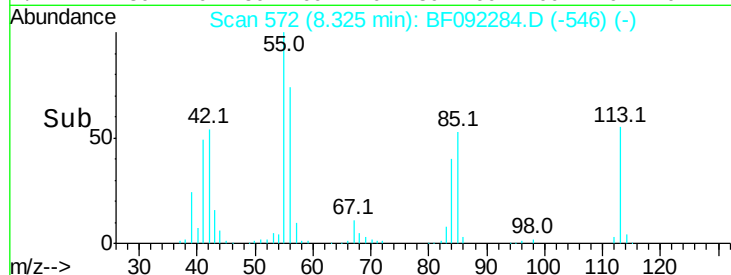
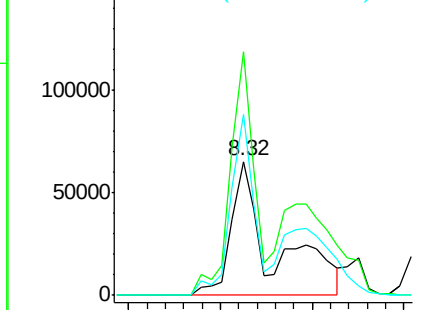
Tot Ion: 113 Resp: 205714
Ion Ratio Lower Upper
113 100
55 181.7 119.2 159.2#
56 134.8 83.8 123.8#

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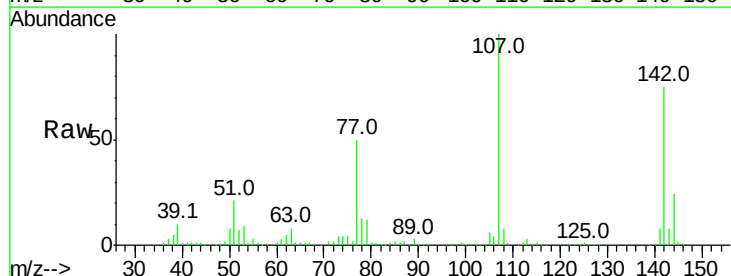


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

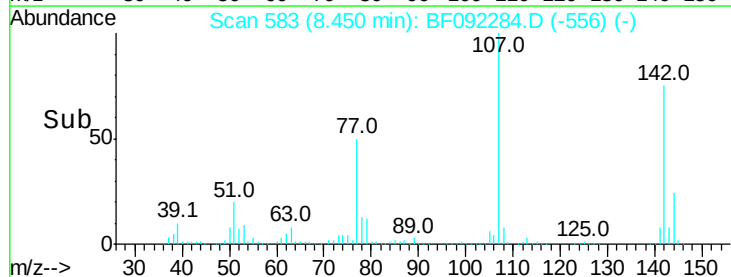
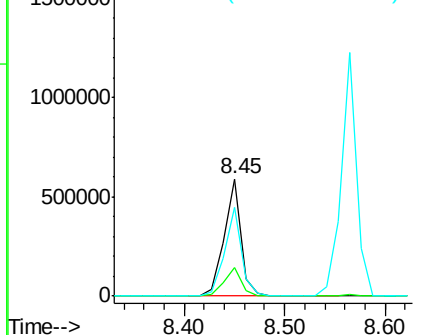


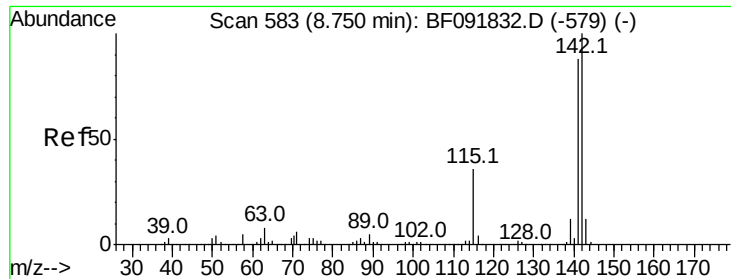
#36
4-Chloro-3-methylphenol
Concen: 45.20 ng/ml
RT: 8.45 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion: 107 Resp: 688065
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 75.4 59.0 88.6



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





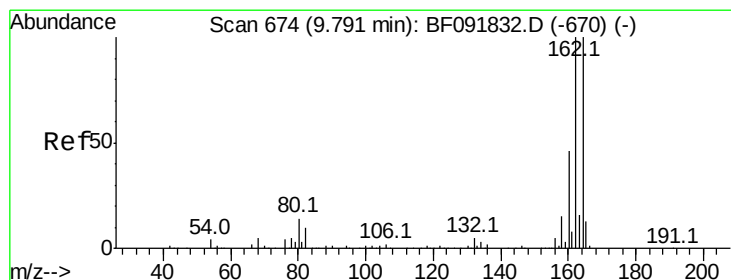
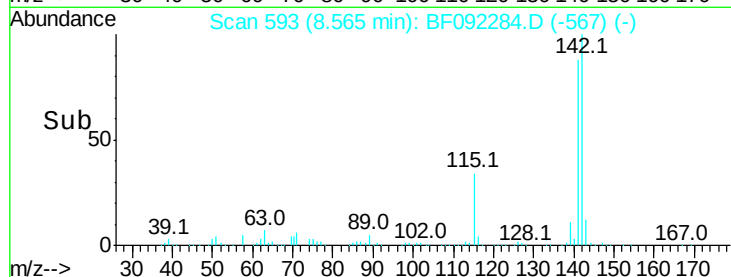
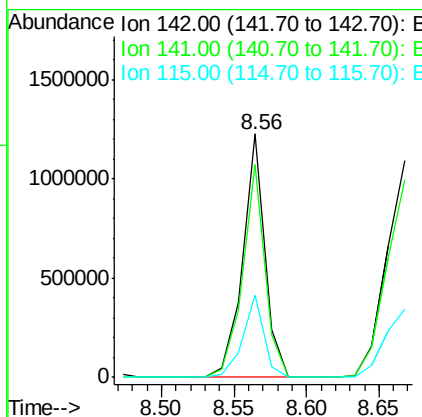
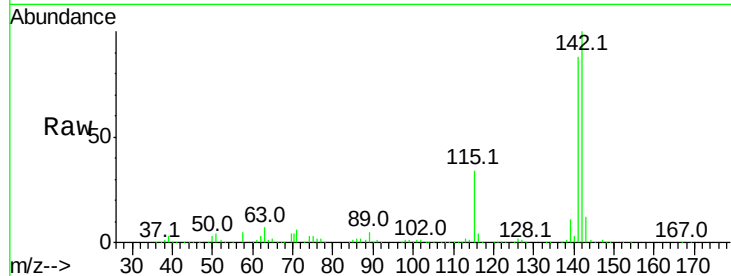
#37
2-Methylnaphthalene
Concen: 48.24 ng
RT: 8.56 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion:142 Resp: 1299788
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 33.9 28.3 42.5

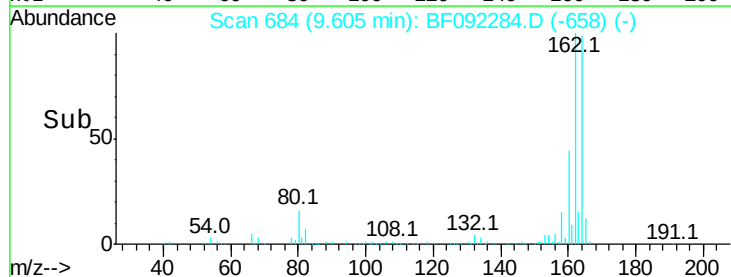
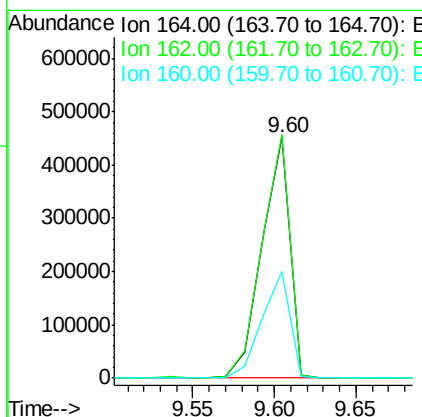
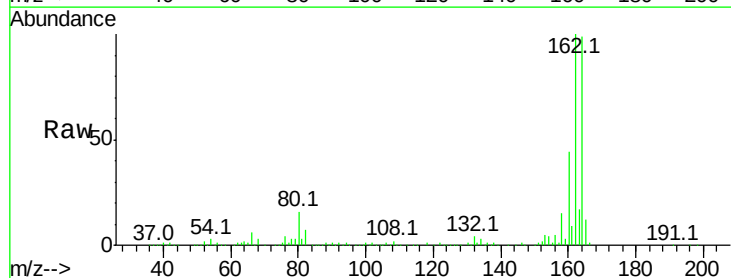
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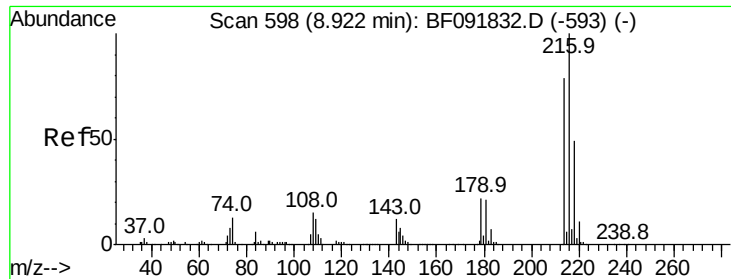
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:164 Resp: 538980
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.2 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.49 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

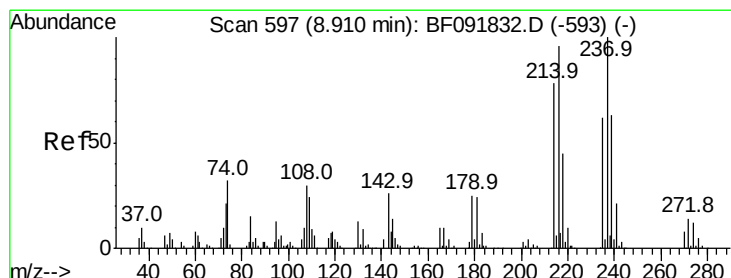
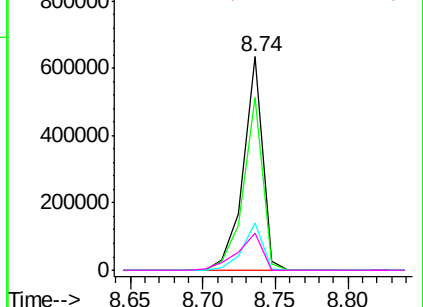
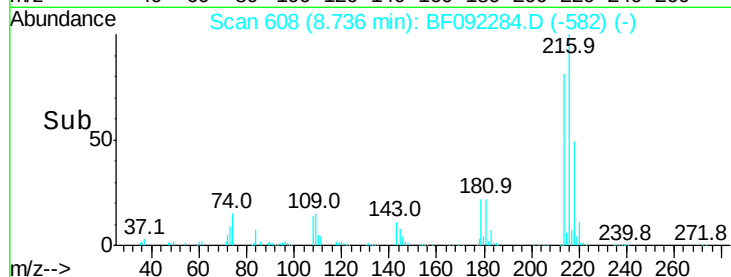
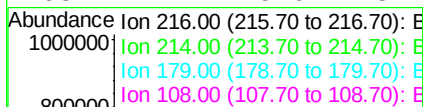
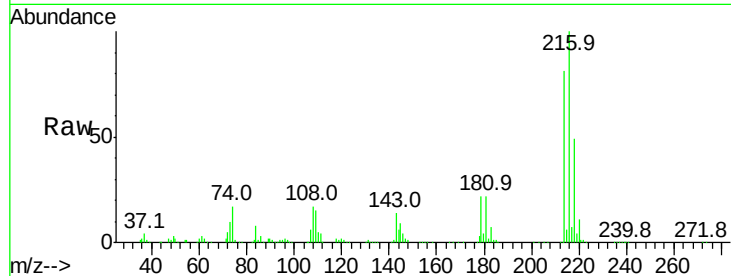
ClientSampleId :

PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	592157		
214	80.2	63.4	95.0	
179	22.7	17.4	26.2	
108	22.1	15.6	23.4	

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#40

Hexachlorocyclopentadiene

Concen: 76.58 ng

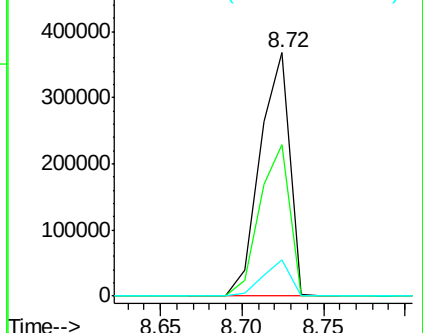
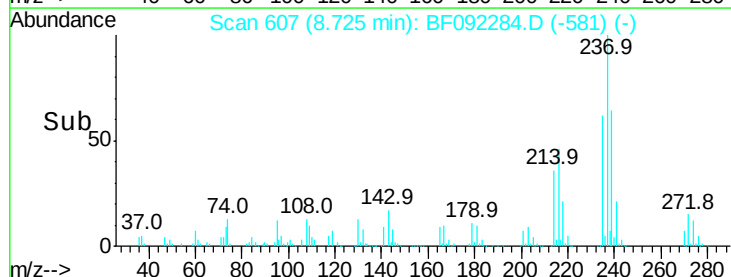
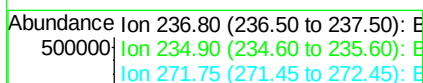
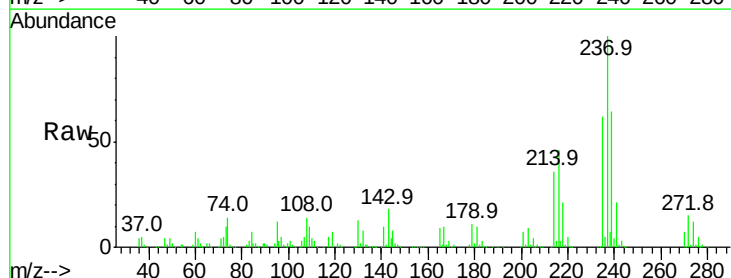
RT: 8.72 min Scan# 607

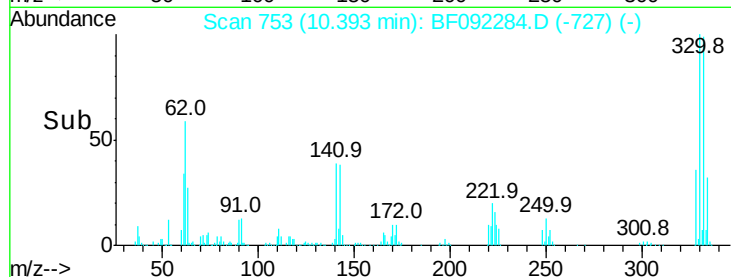
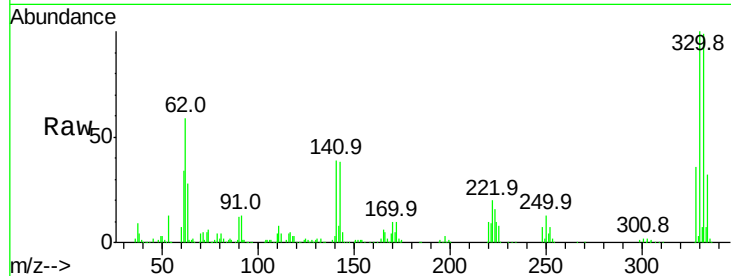
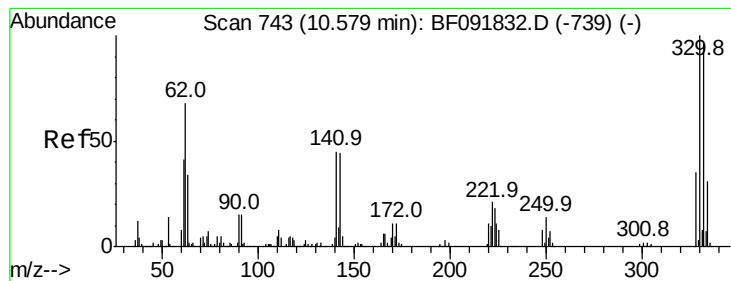
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	463344		
235	62.3	41.2	81.2	
272	14.8	0.0	35.4	





#41

2,4,6-Tribromophenol

Concen: 128.82 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tot Ion:	330	Resp:	574583
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.4	116.2
141	38.0	34.1	51.1

Instrument :

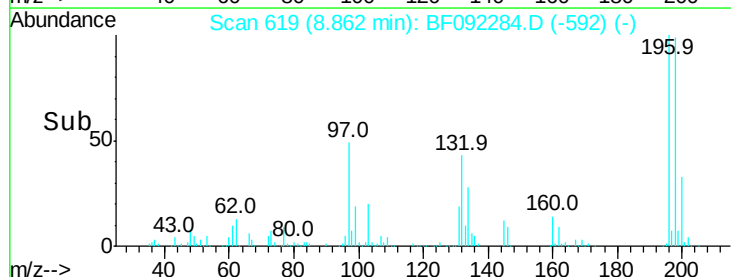
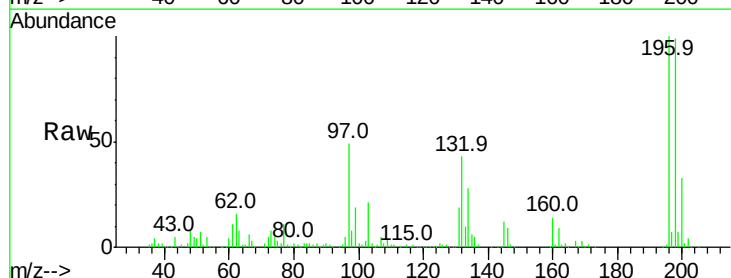
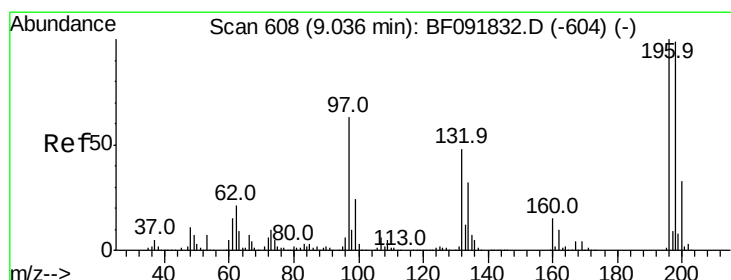
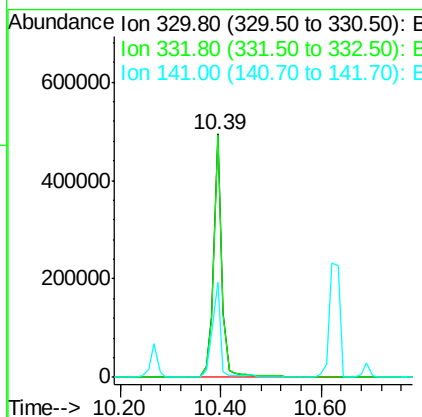
BNA_F

ClientSampleId :

PB95965BS

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#42

2,4,6-Trichlorophenol

Concen: 43.19 ng

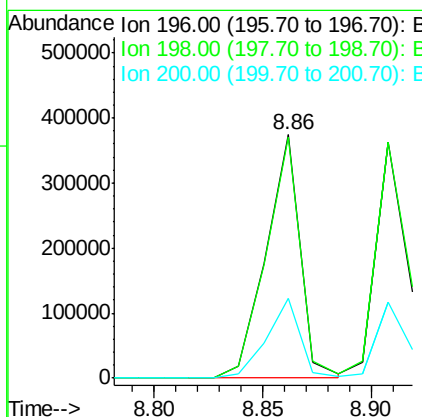
RT: 8.86 min Scan# 619

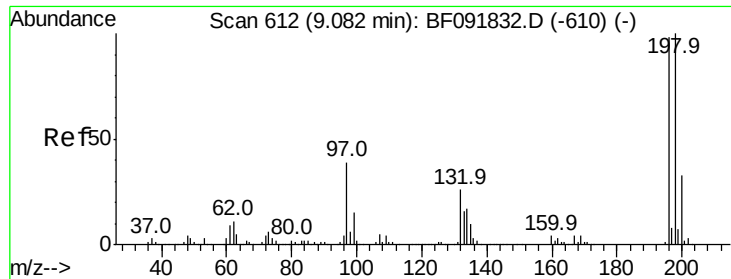
Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	196	Resp:	411311
Ion Ratio	Lower	Upper	
196	100		
198	99.2	82.1	123.1
200	33.0	27.0	40.4





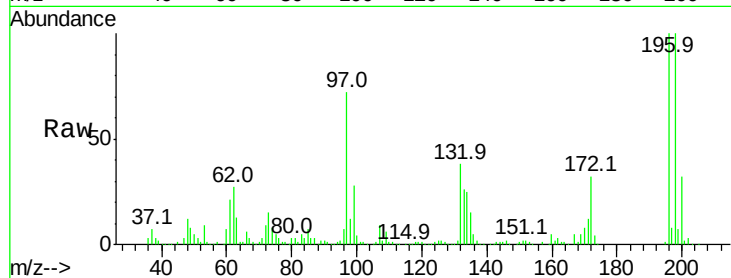
#43
 2,4,5-Trichlorophenol
 Concen: 38.87 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

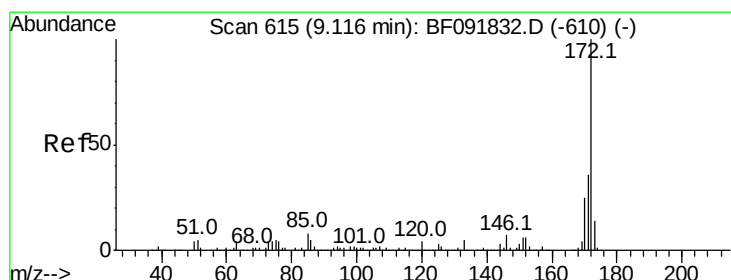
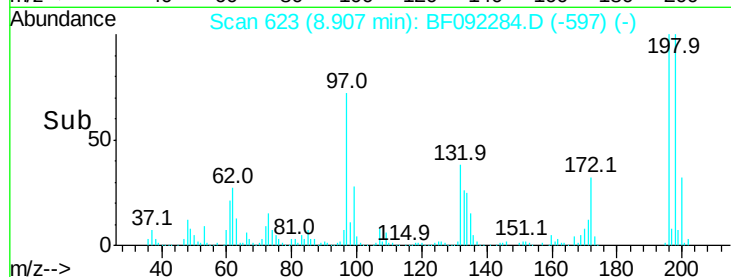
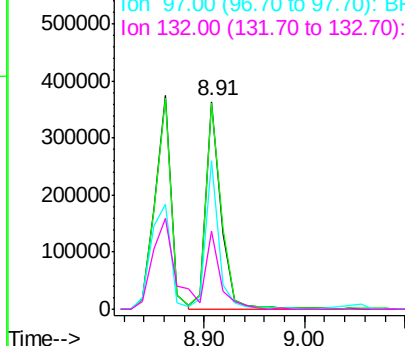
Tot Ion	196	Resp	380981
Ion Ratio	Lower	Upper	
196	100		
198	99.6	79.4	119.2
97	71.7	51.5	77.3
132	37.7	27.4	41.2

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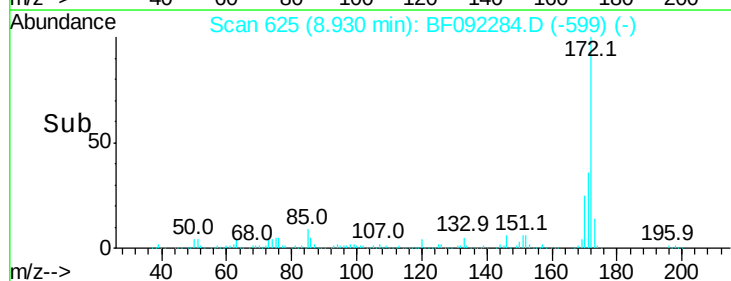
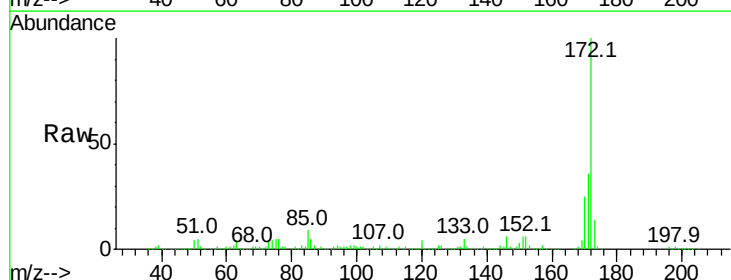
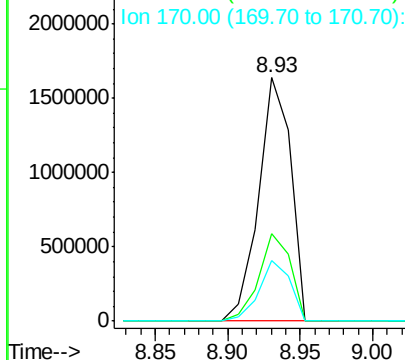
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

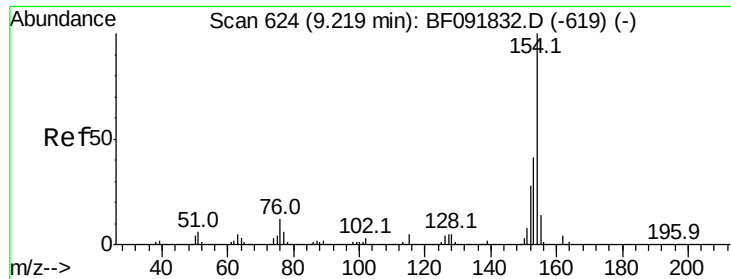


#44
 2-Fluorobiphenyl
 Concen: 97.46 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion	172	Resp	2513893
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.8	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: 46.88 ng

RT: 9.03 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:154 Resp: 1730048

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

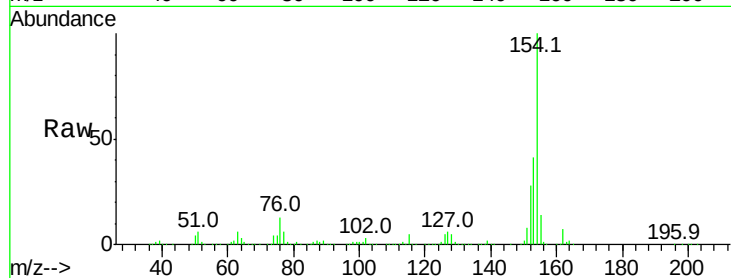
76 13.1 0.0 30.5

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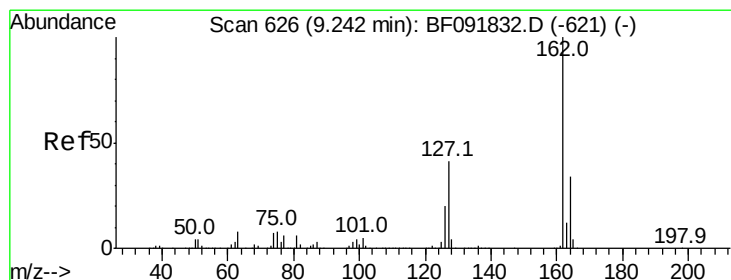
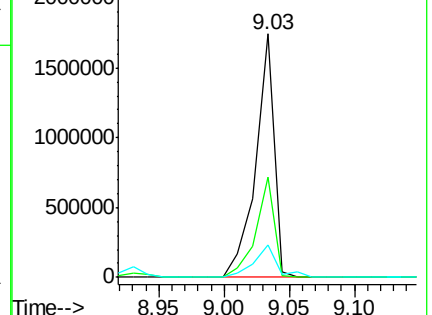
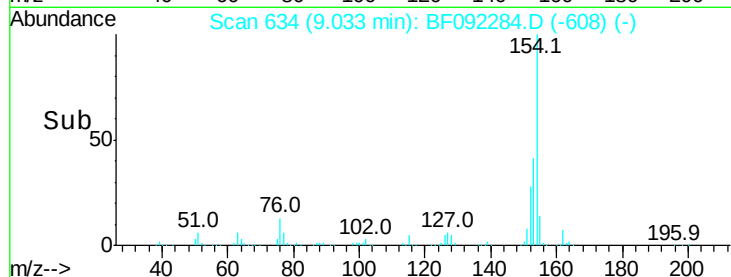
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.89 ng

RT: 9.06 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

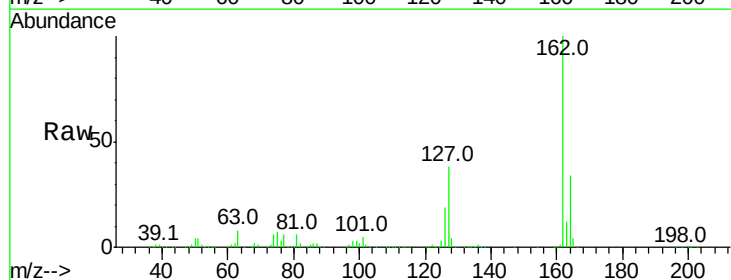
Tgt Ion:162 Resp: 1311794

Ion Ratio Lower Upper

162 100

127 38.4 30.7 46.1

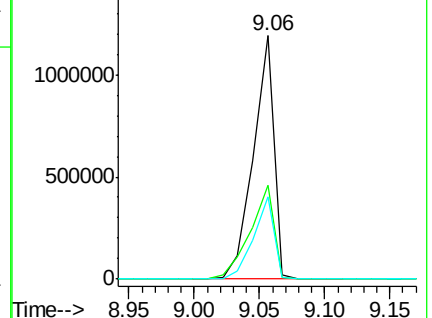
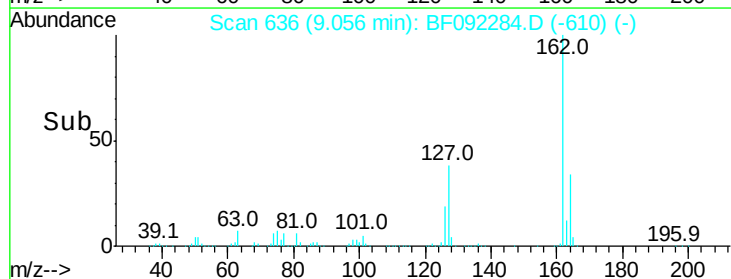
164 33.9 27.6 41.4

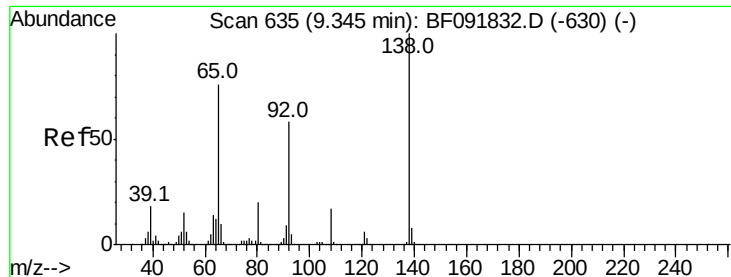


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.27 ng

RT: 9.16 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

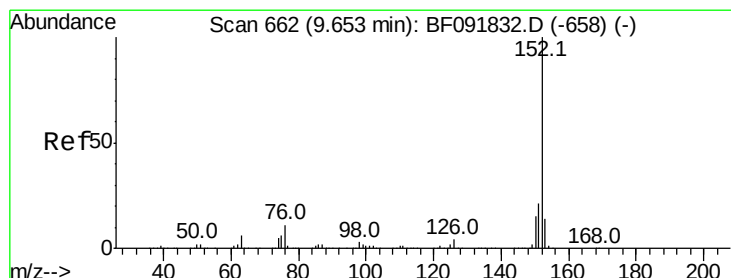
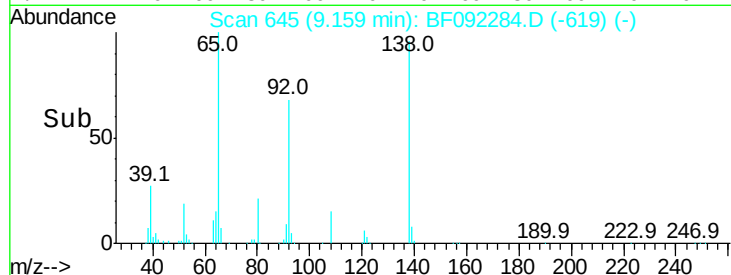
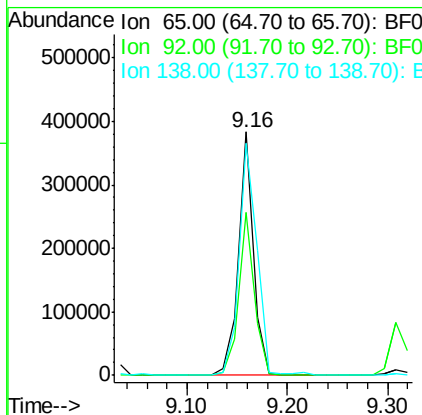
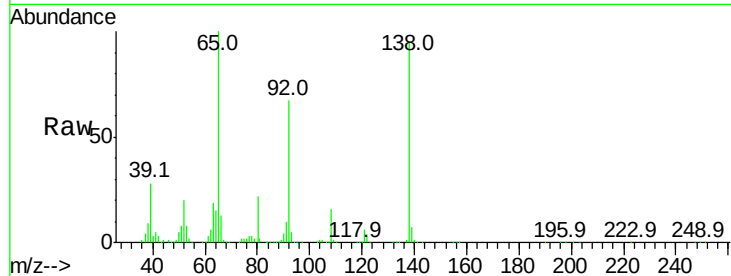
ClientSampleId :

PB95965BS

Tot Ion:	65	Resp:	398189
Ion Ratio	Lower	Upper	
65	100		
92	67.0	53.9	80.9
138	95.4	76.8	115.2

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#48

Acenaphthylene

Concen: 43.77 ng

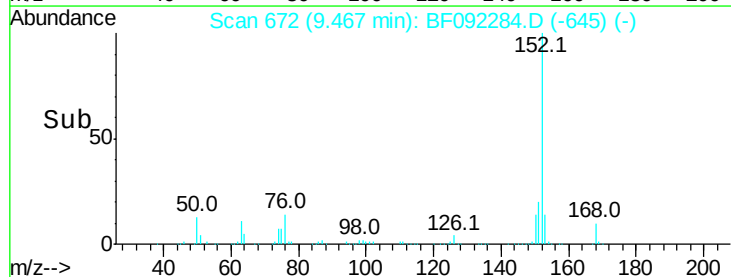
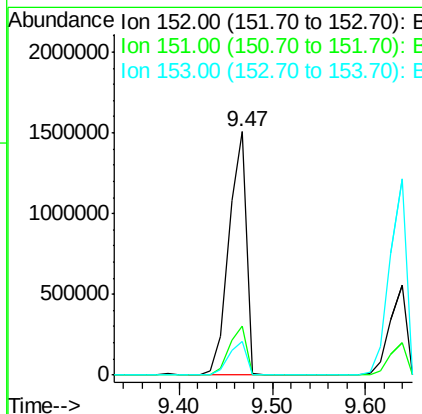
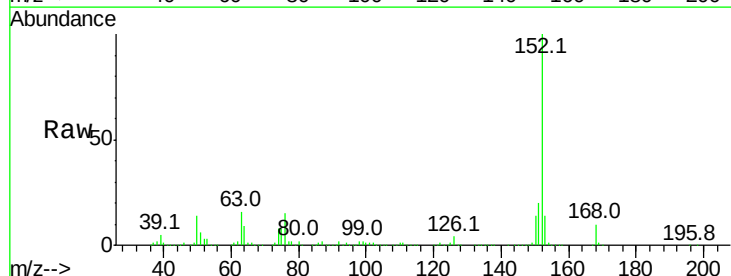
RT: 9.47 min Scan# 672

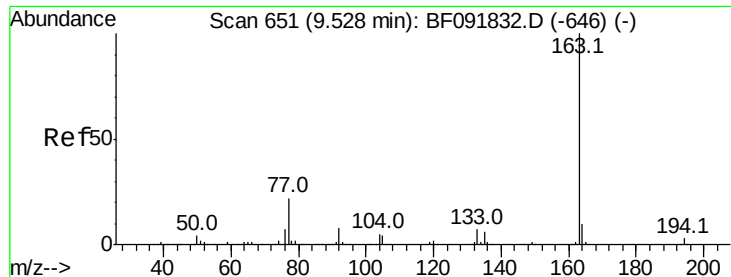
Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	152	Resp:	1967281
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.9	25.3
153	14.1	11.4	17.2





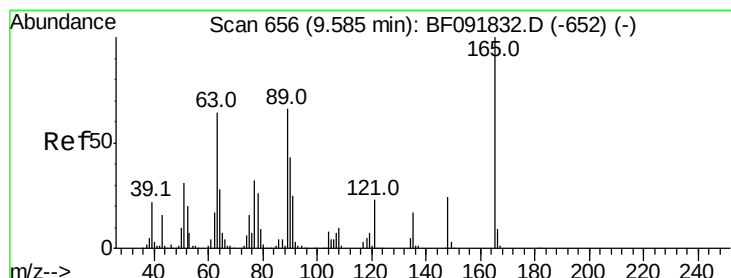
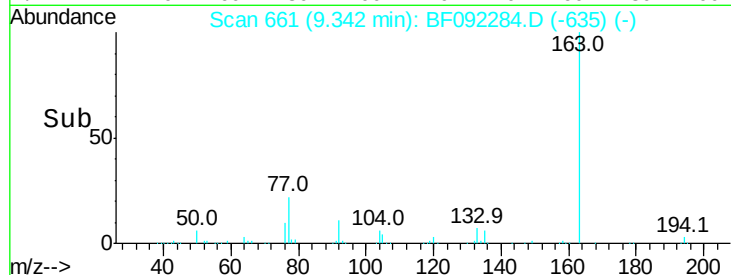
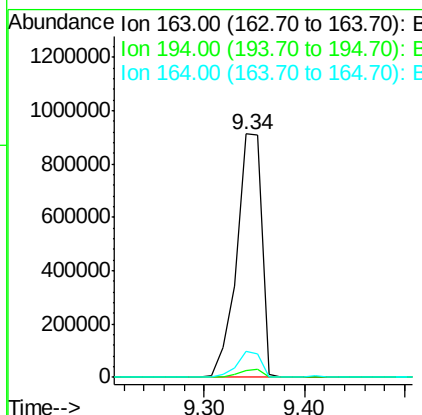
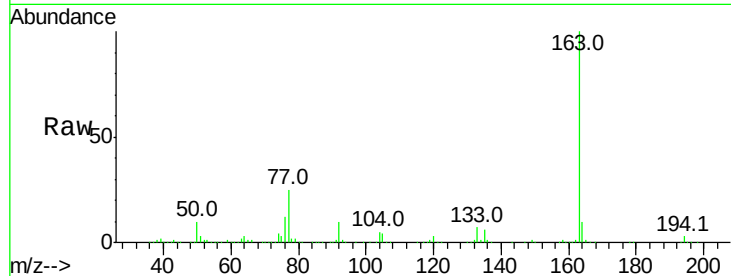
#49
Dimethylphthalate
Concen: 45.69 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion:163 Resp: 1574981
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.5 8.0 12.0

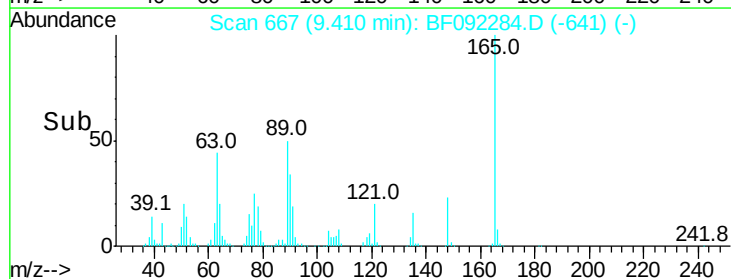
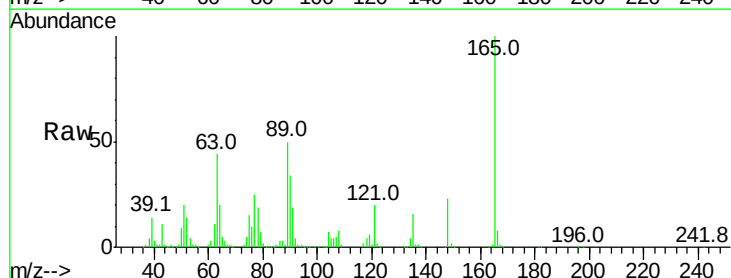
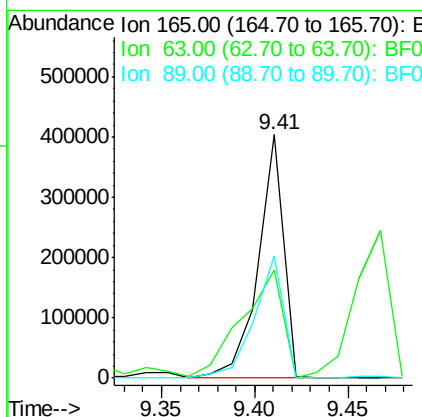
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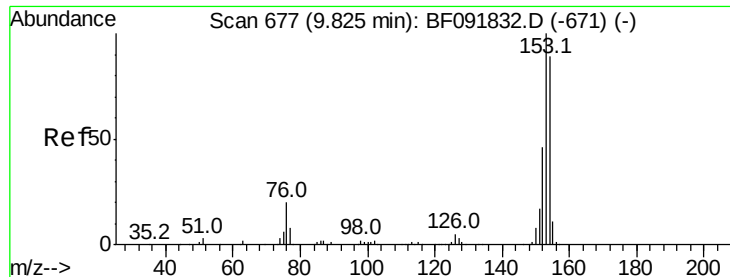
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#50
2,6-Dinitrotoluene
Concen: 50.01 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:165 Resp: 377327
Ion Ratio Lower Upper
165 100
63 44.2 36.2 54.4
89 49.9 40.2 60.4





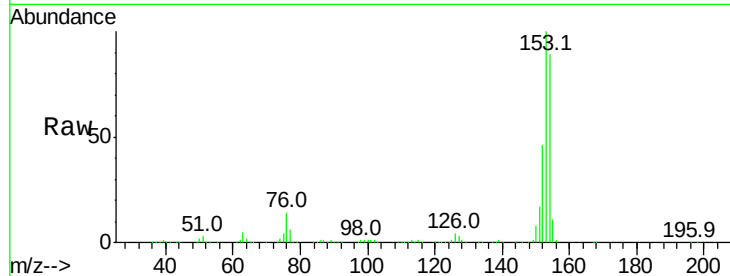
#51
Acenaphthene
Concen: 43.52 ng
RT: 9.64 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

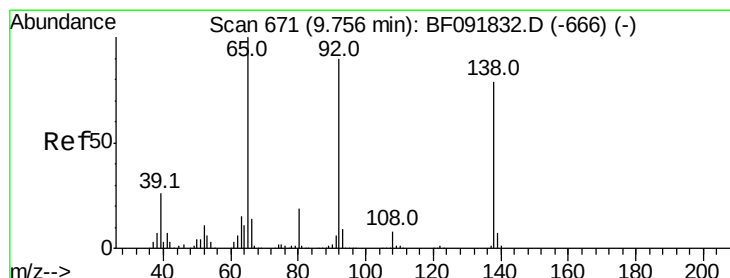
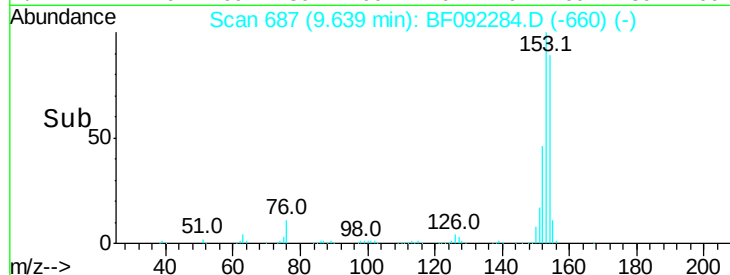
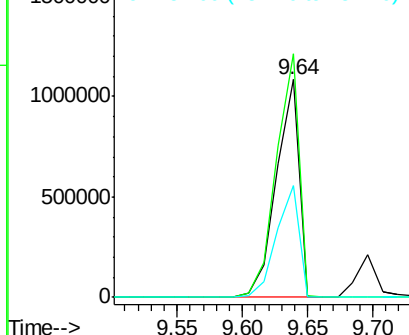
Tot Ion:154 Resp: 1326168
Ion Ratio Lower Upper
154 100
153 111.8 88.6 133.0
152 51.4 41.6 62.4

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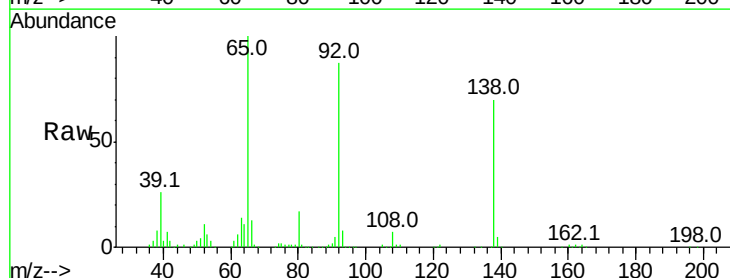


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

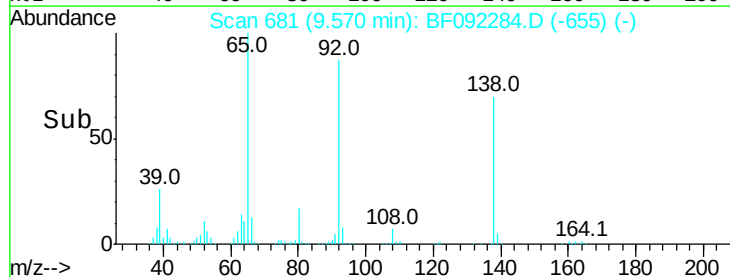
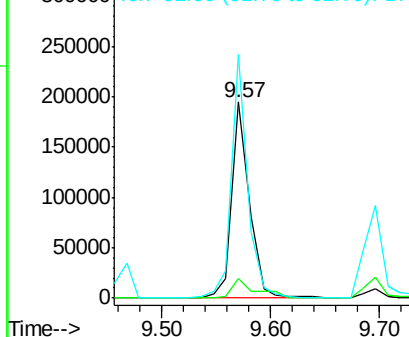


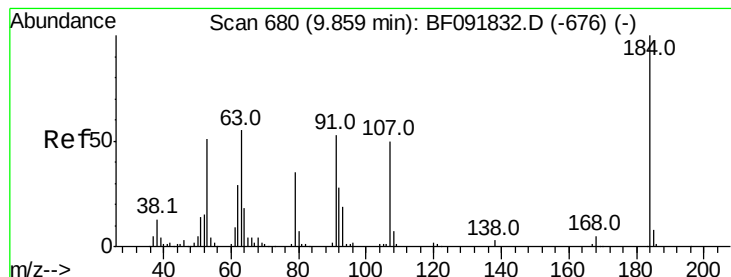
#52
3-Nitroaniline
Concen: 23.16 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:138 Resp: 216282
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 124.3 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: 96.94 ng

RT: 9.70 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

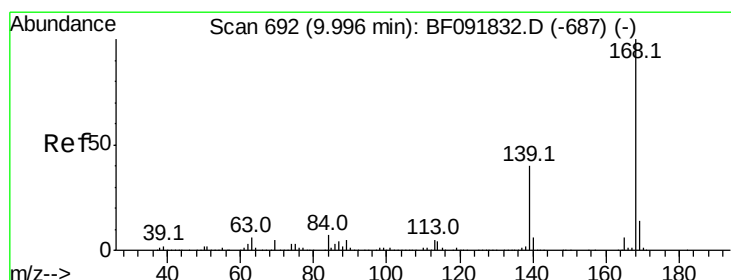
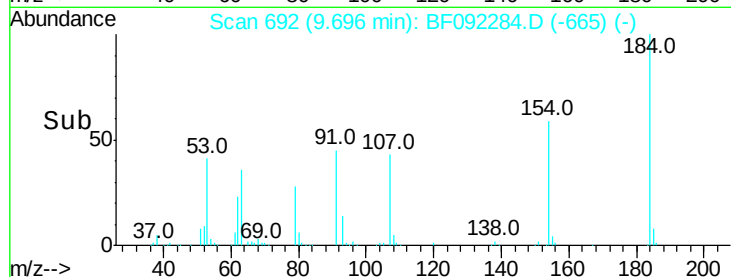
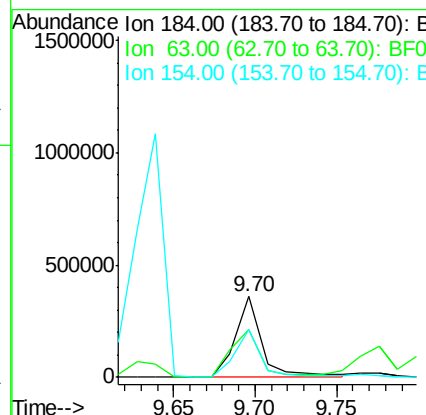
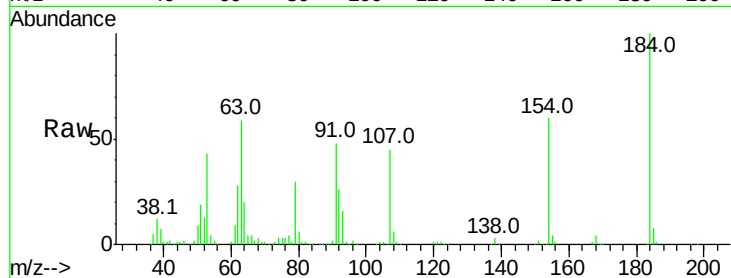
ClientSampled :

PB95965BS

Tot Ion:	184	Resp:	406996
Ion Ratio	Lower	Upper	
184	100		
63	59.3	28.4	42.6#
154	59.6	44.3	66.5

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#54

Dibenzofuran

Concen: 44.23 ng

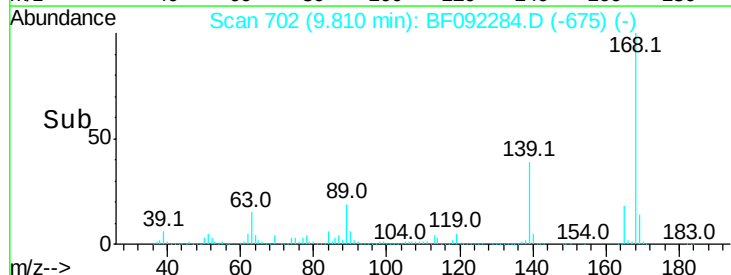
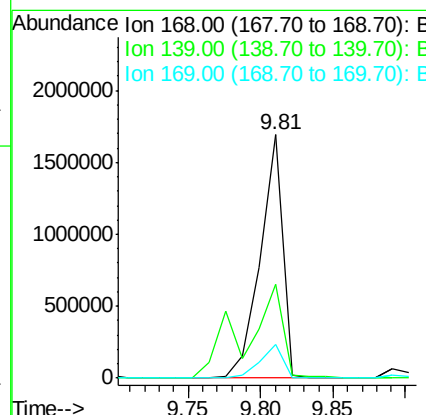
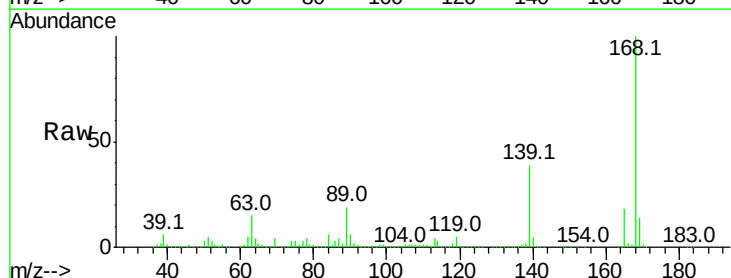
RT: 9.81 min Scan# 702

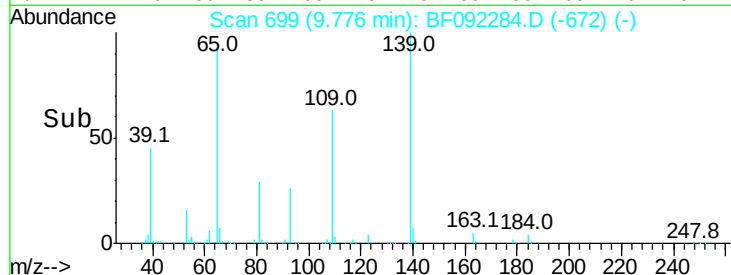
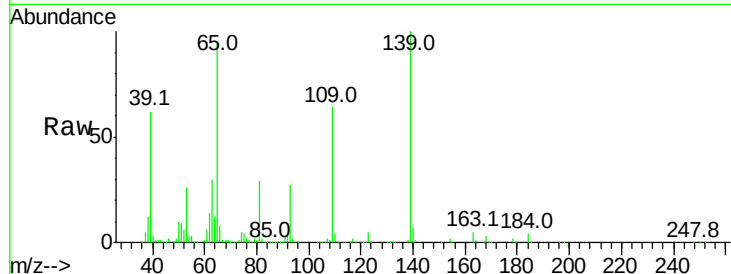
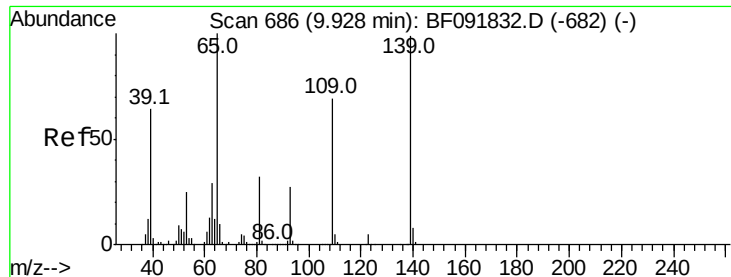
Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	168	Resp:	1820213
Ion Ratio	Lower	Upper	
168	100		
139	38.5	32.6	49.0
169	13.7	11.3	16.9





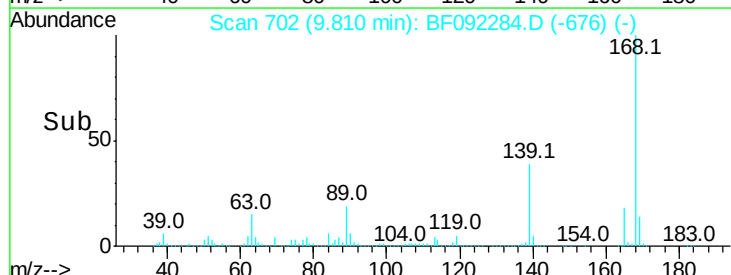
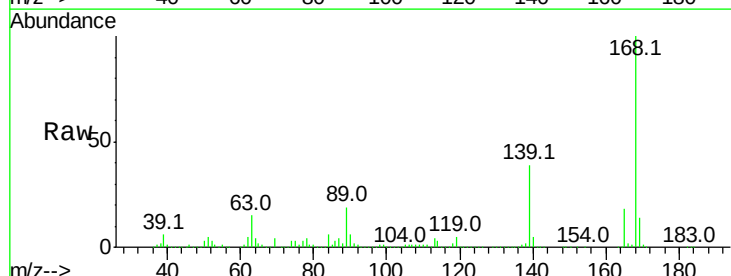
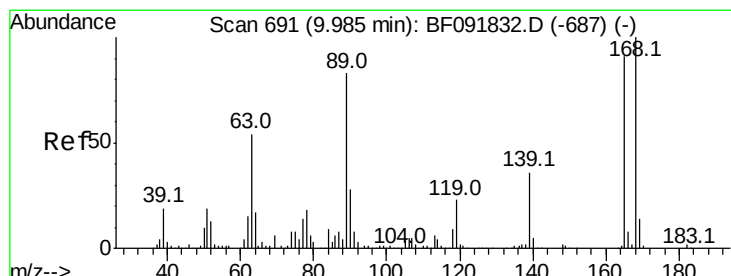
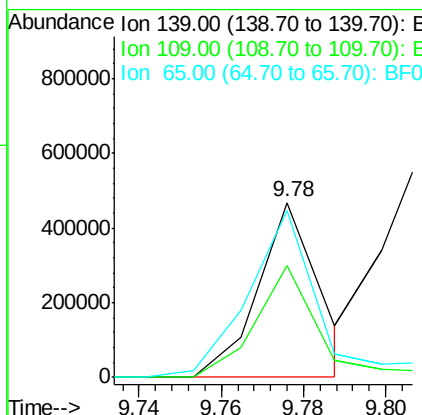
#55
4-Nitrophenol
Concen: 77.26 ng/ml
RT: 9.78 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tot Ion	Ratio	Resp	Lower	Upper
139	100	489815		
109	63.9	52.2	92.2	
65	95.3	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
PB95965BS

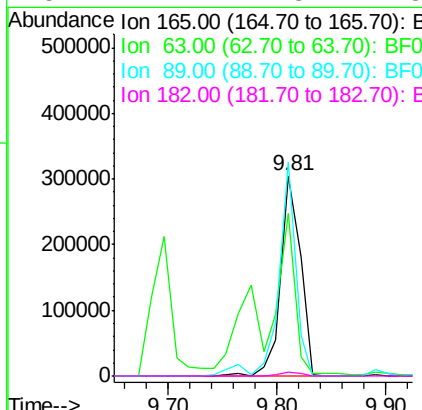
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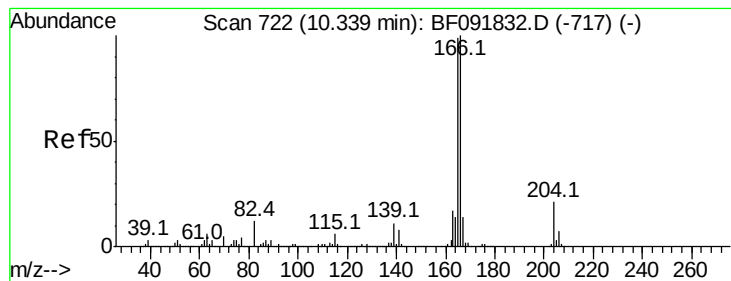
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#56
2,4-Dinitrotoluene
Concen: 40.84 ng/ml
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	386797		
63	81.5	40.2	60.4#	
89	106.9	62.5	93.7#	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 51.46 ng

RT: 10.15 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:166 Resp: 1540777

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

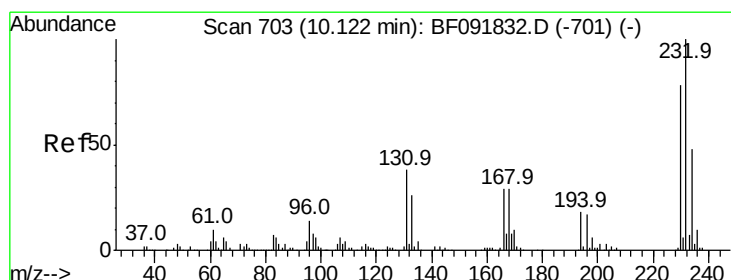
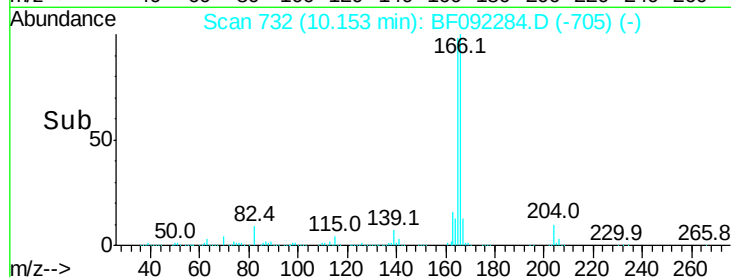
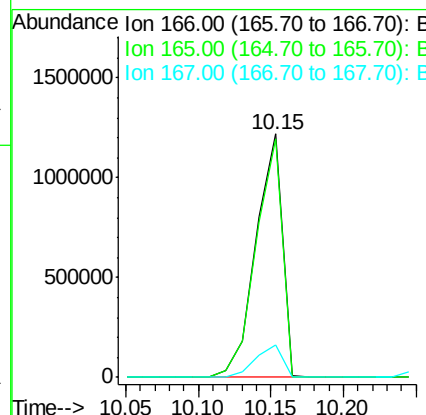
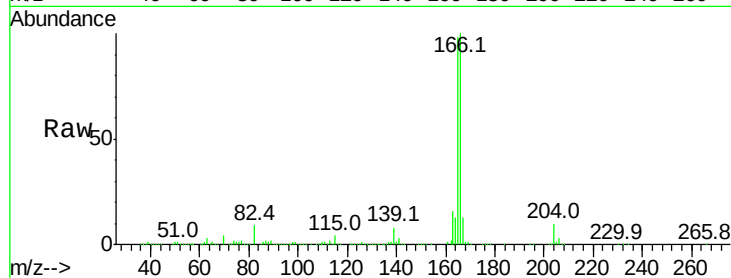
167 13.3 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.90 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:232 Resp: 371334

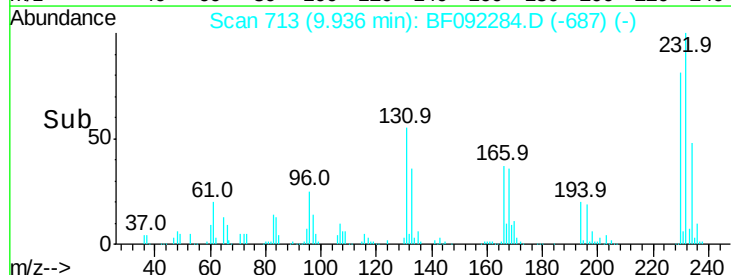
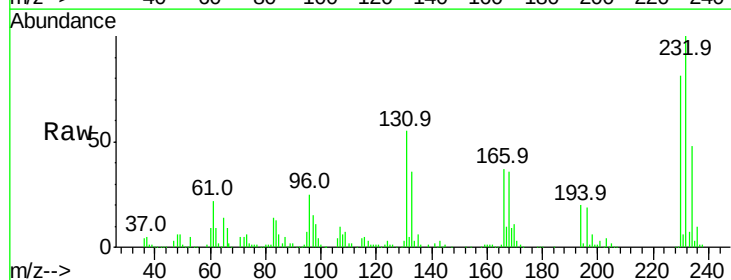
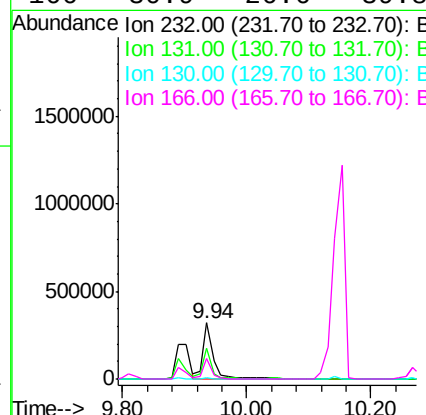
Ion Ratio Lower Upper

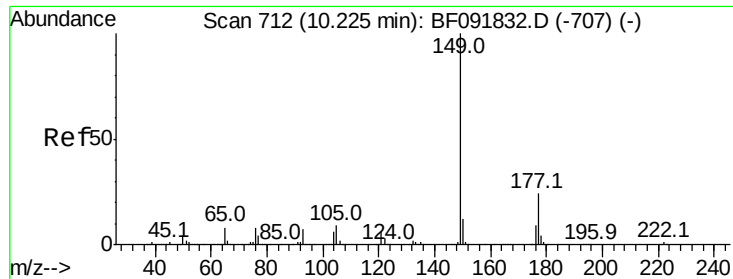
232 100

131 48.2 40.1 60.1

130 2.3 1.8 2.8

166 30.9 26.6 39.8





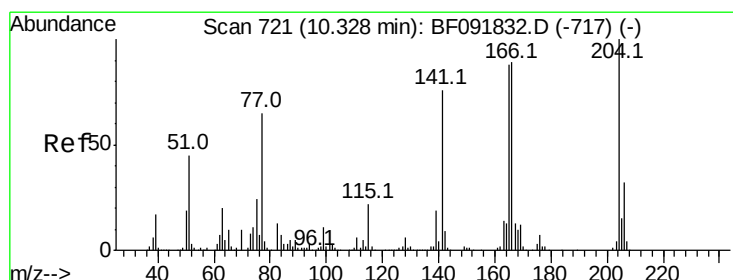
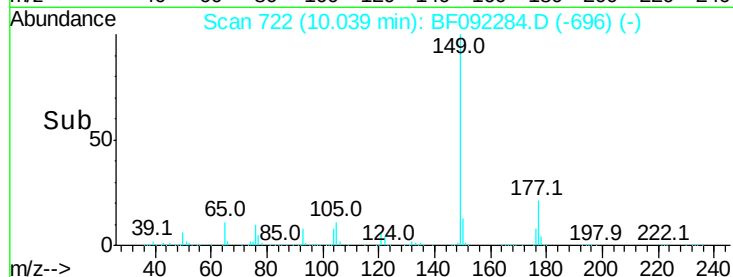
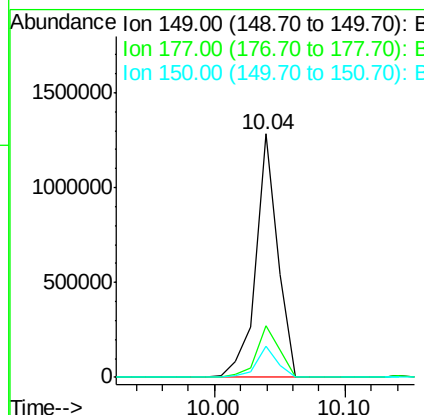
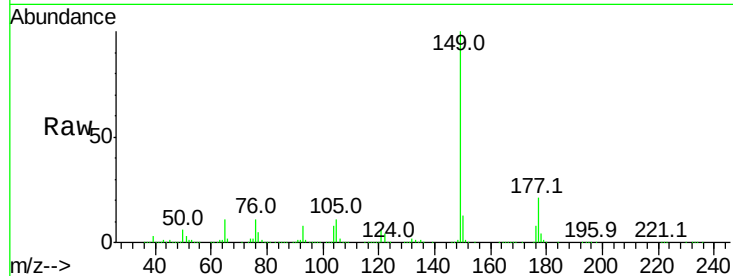
#59
Diethylphthalate
Concen: 44.62 ng
RT: 10.04 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion:149 Resp: 1493668
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.9 10.4 15.6

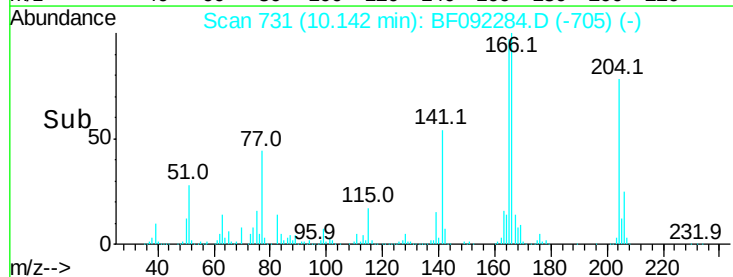
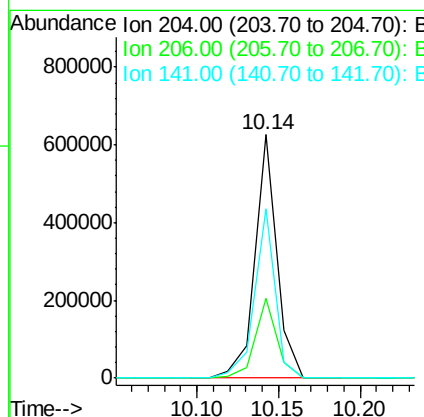
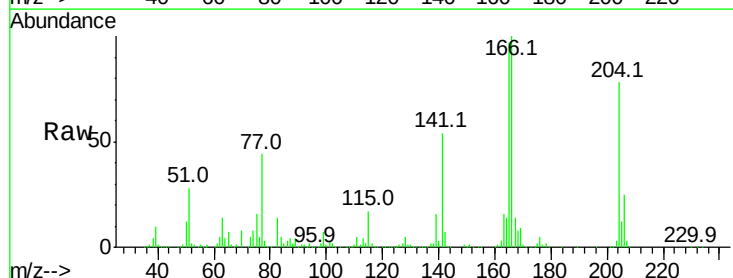
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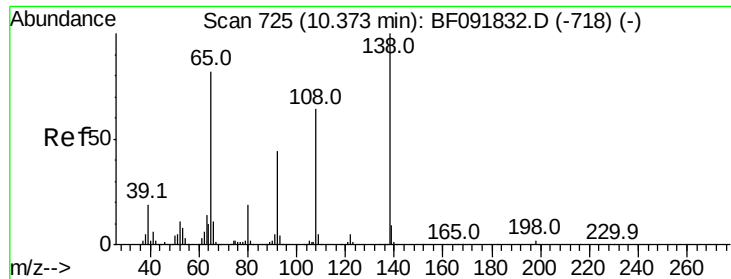
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.62 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:204 Resp: 584973
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 69.5 59.4 89.0





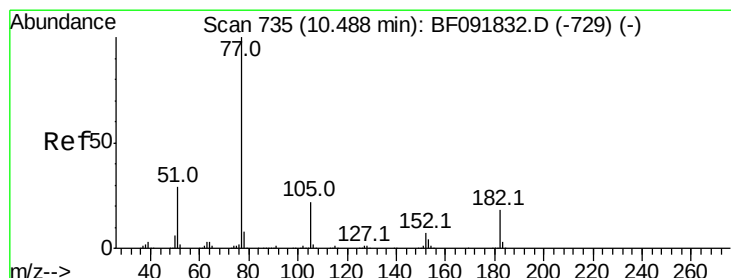
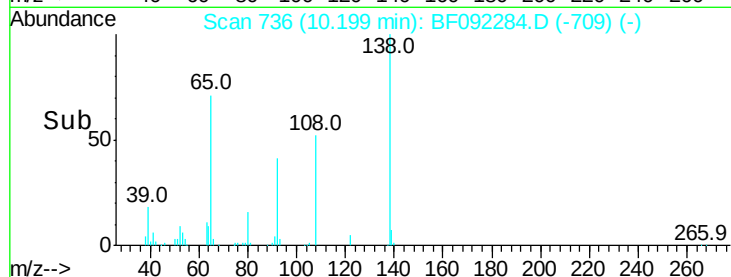
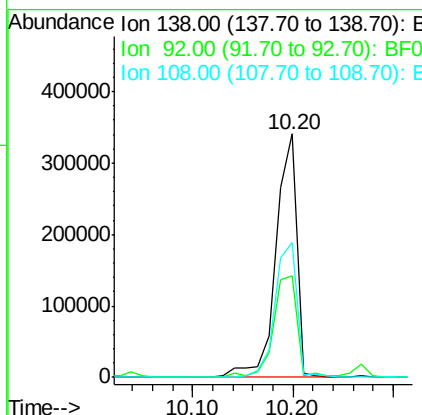
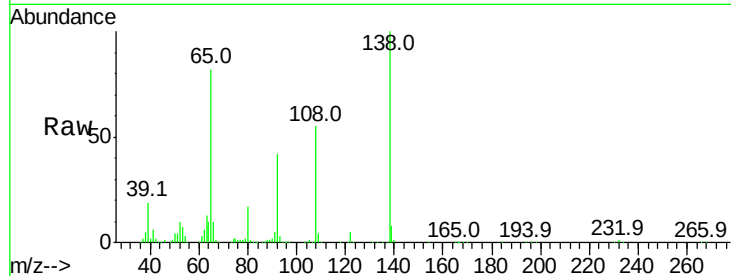
#61
4-Nitroaniline
Concen: 51.04 ng
RT: 10.20 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.5	31.7	71.7
108	55.2	52.6	92.6

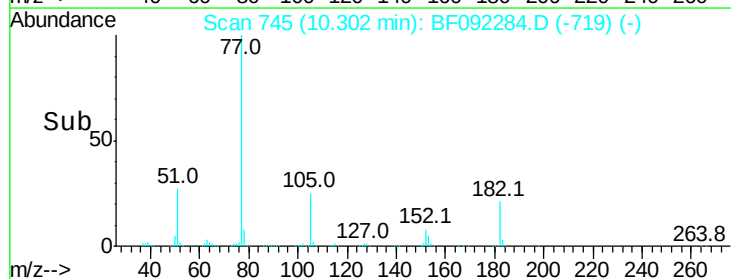
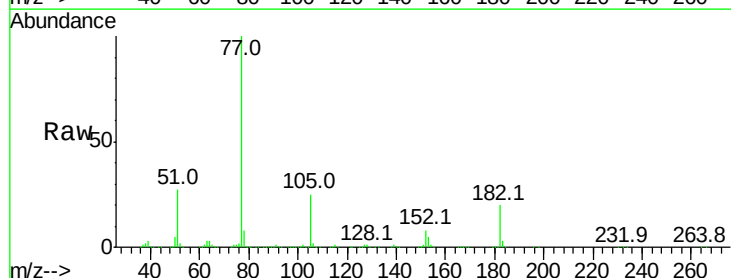
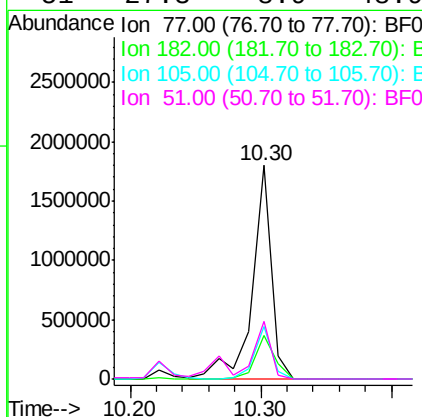
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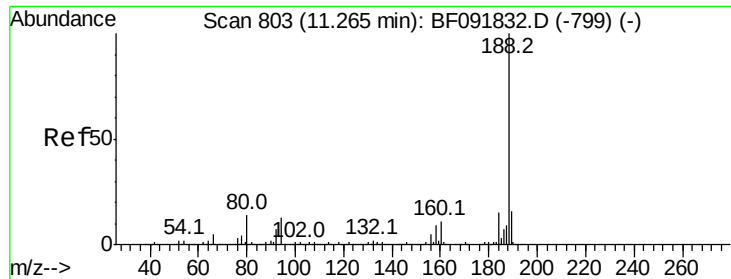
mohammad
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#62
Azobenzene
Concen: 50.15 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	39.3
105	24.7	2.3	42.3
51	27.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

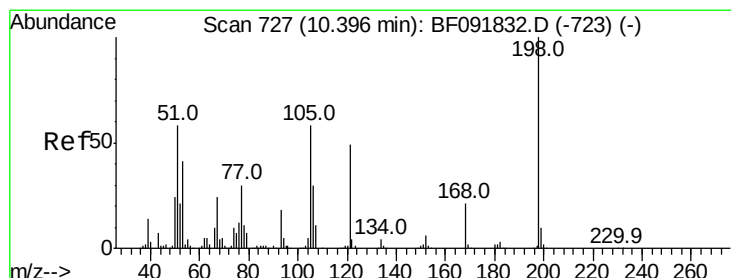
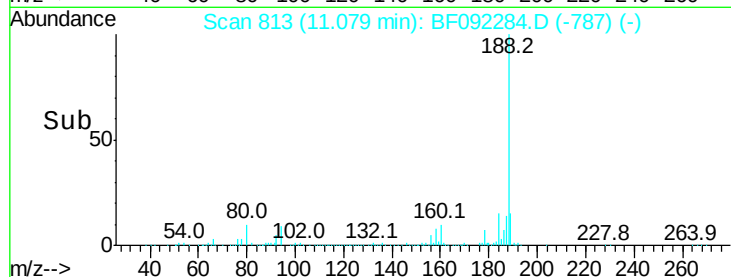
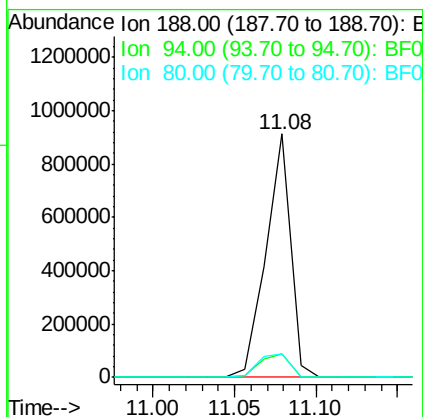
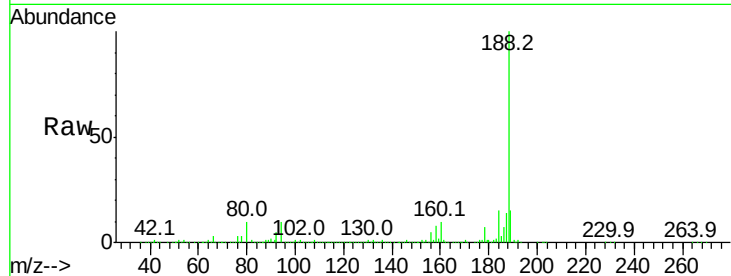
ClientSampleId :

PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	968497		
94	9.6	10.0	15.0#	
80	9.8	11.2	16.8#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 49.78 ng

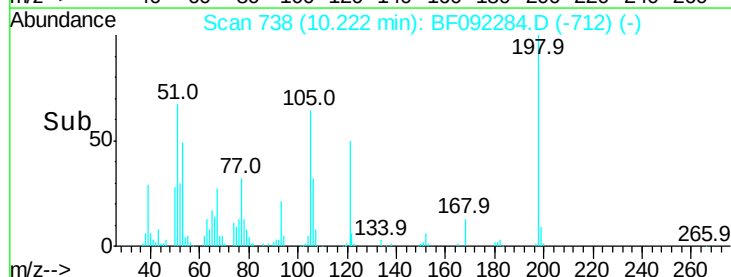
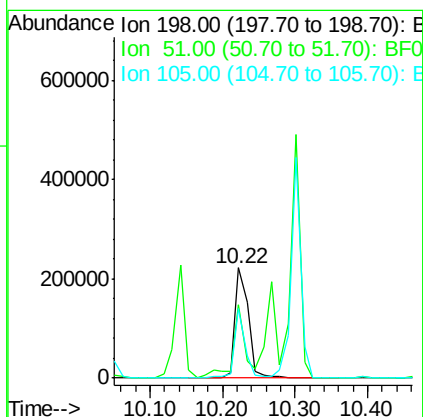
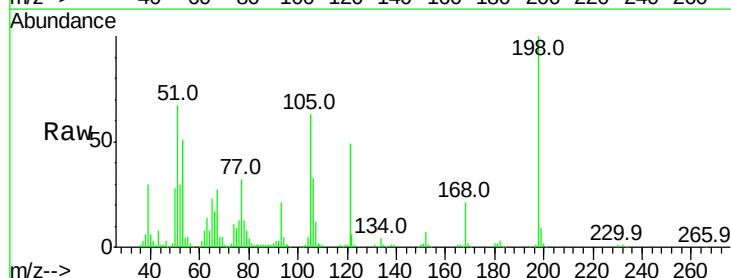
RT: 10.22 min Scan# 738

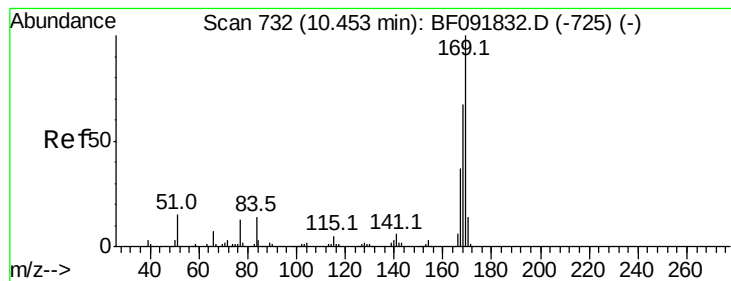
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	291521		
51	66.7	6.7	46.7#	
105	63.0	16.6	56.6#	





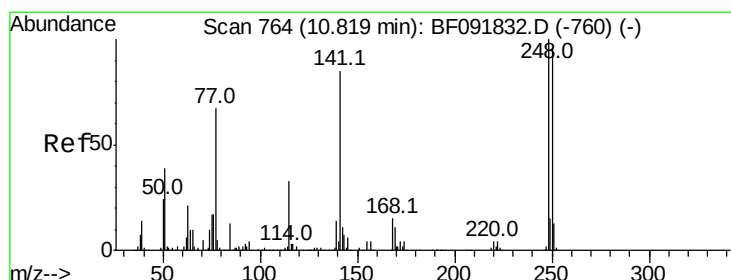
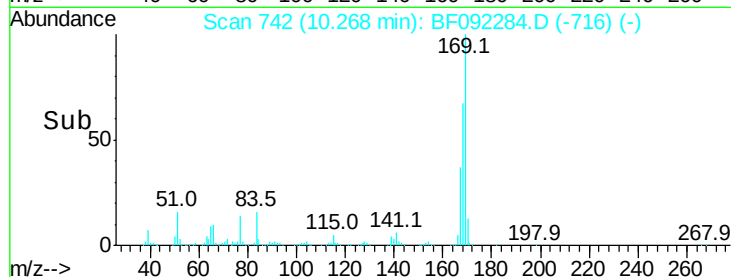
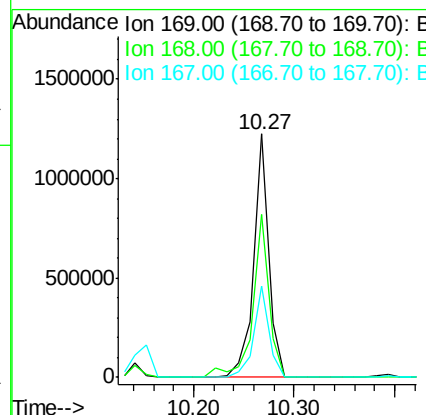
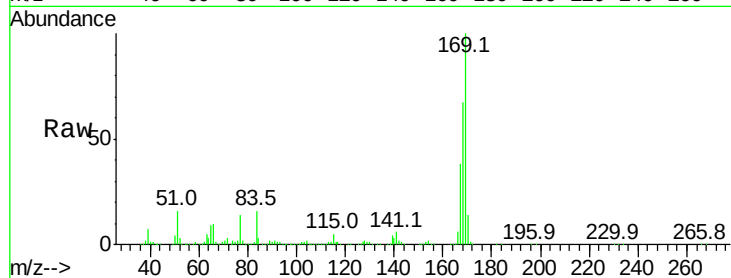
#65
n-Nitrosodiphenylamine
Concen: 44.63 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion:169 Resp: 1282738
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 37.5 30.2 45.4

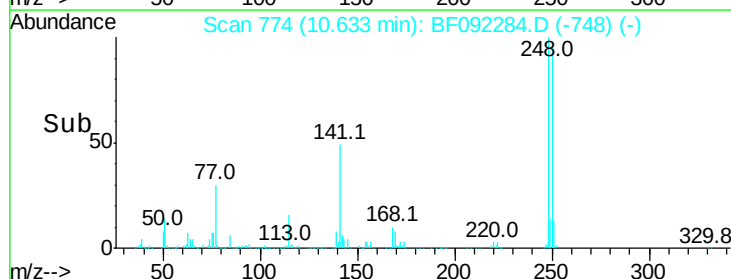
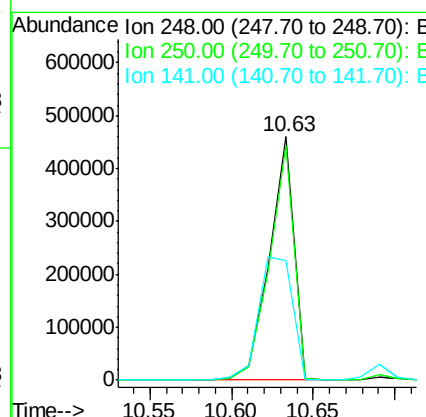
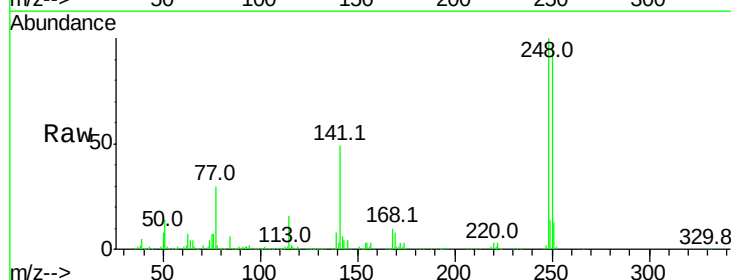
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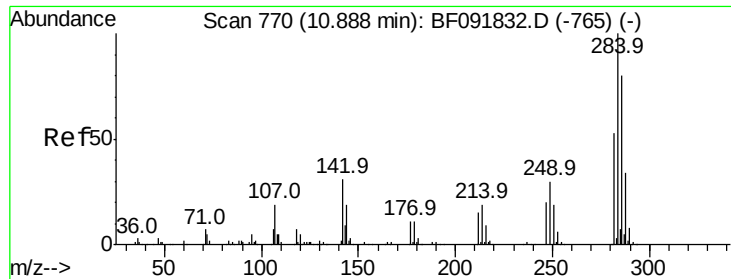
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#66
4-Bromophenyl-phenylether
Concen: 48.16 ng
RT: 10.63 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:248 Resp: 485225
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 49.2 68.2 102.4#





#67

Hexachlorobenzene

Concen: 42.68 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

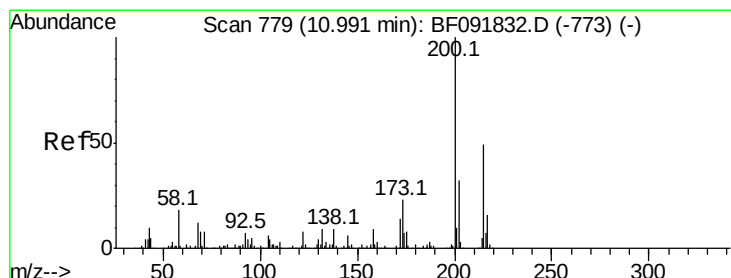
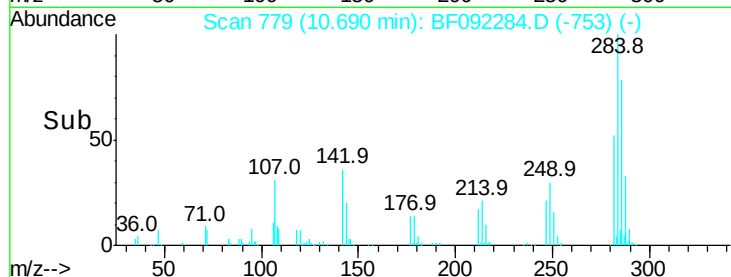
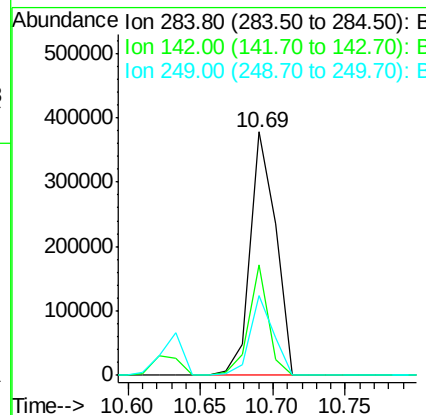
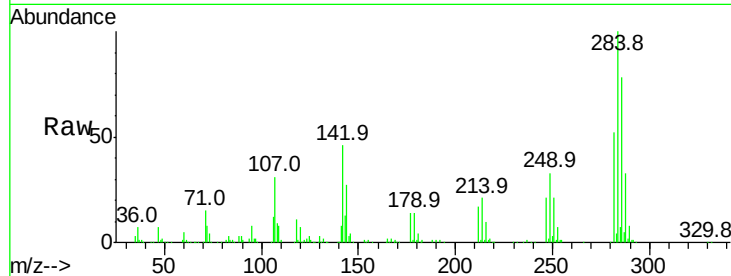
ClientSampled :

PB95965BS

Tot Ion:	284	Resp:	459561
Ion Ratio	Lower	Upper	
284	100		
142	45.6	22.6	33.8#
249	32.8	25.4	38.0

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#68

Atrazine

Concen: 43.99 ng

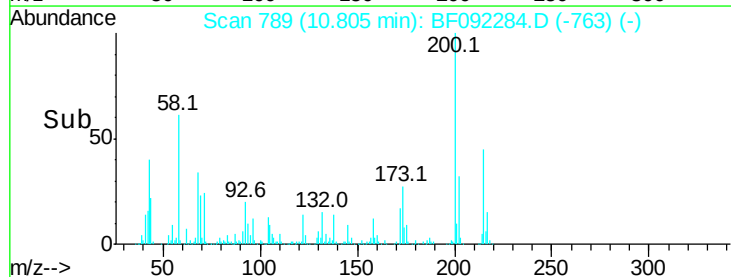
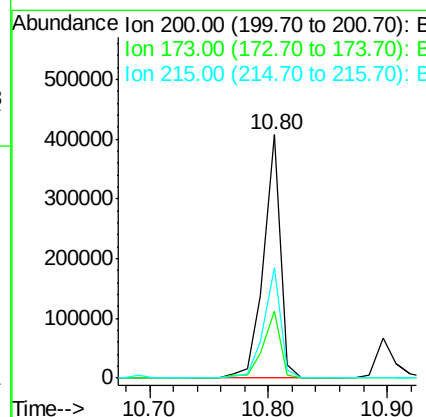
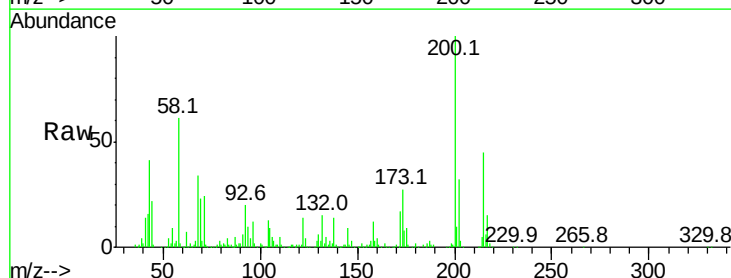
RT: 10.80 min Scan# 789

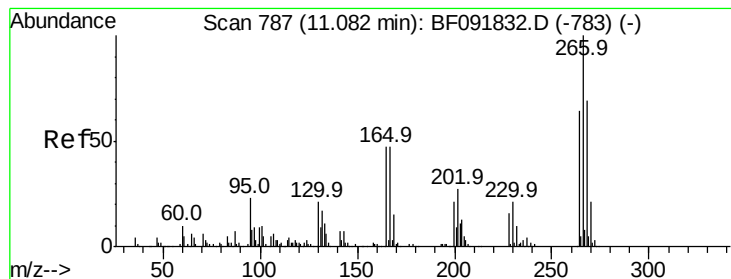
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	200	Resp:	407804
Ion Ratio	Lower	Upper	
200	100		
173	27.3	9.6	49.6
215	45.2	25.7	65.7





#69

Pentachlorophenol

Concen: 79.48 ng

RT: 10.90 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

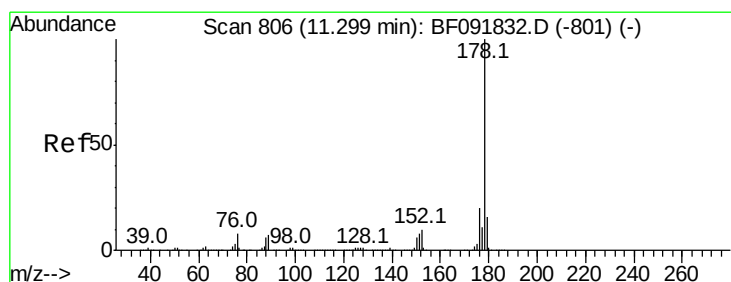
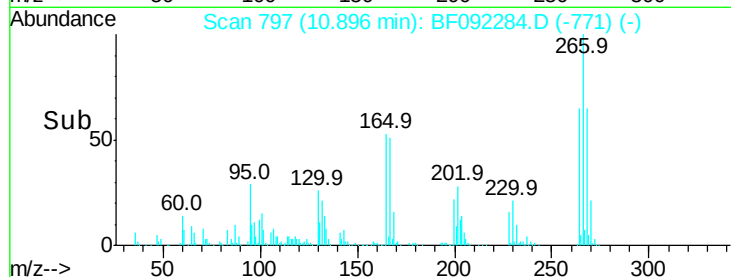
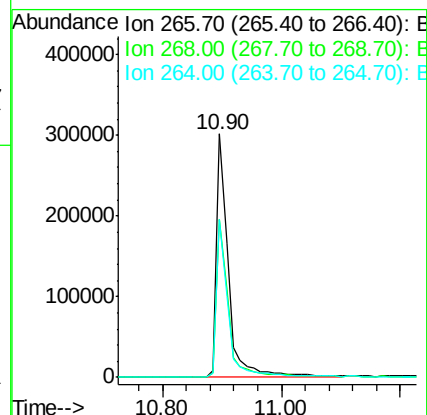
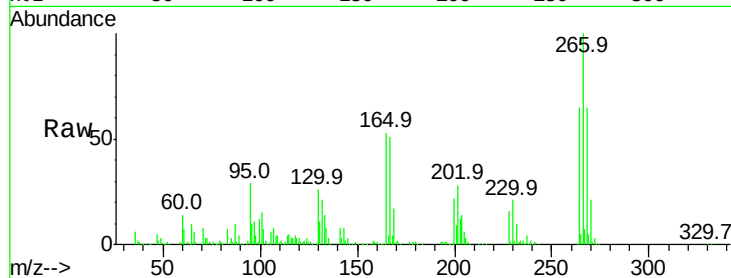
ClientSampleId :

PB95965BS

Tot Ion:	266	Resp:	419949
Ion Ratio		Lower	Upper
266	100		
268	64.8	53.3	79.9
264	64.7	50.3	75.5

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#70

Phenanthrene

Concen: 41.26 ng

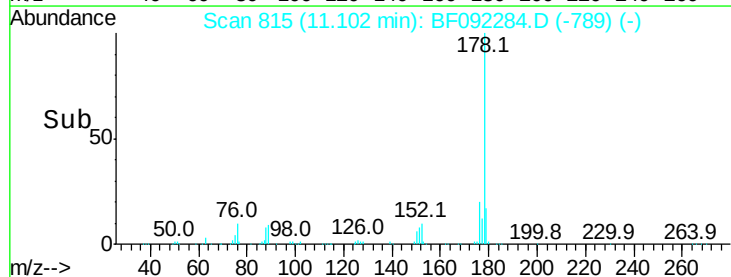
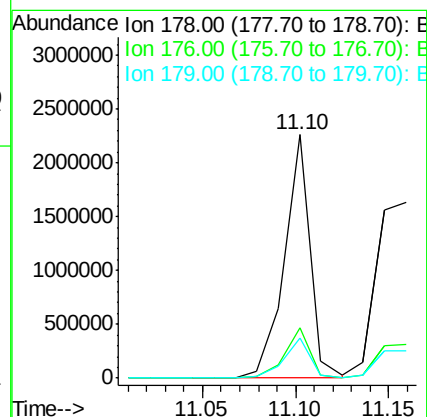
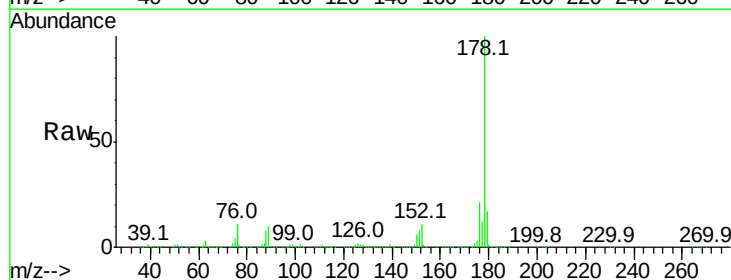
RT: 11.10 min Scan# 815

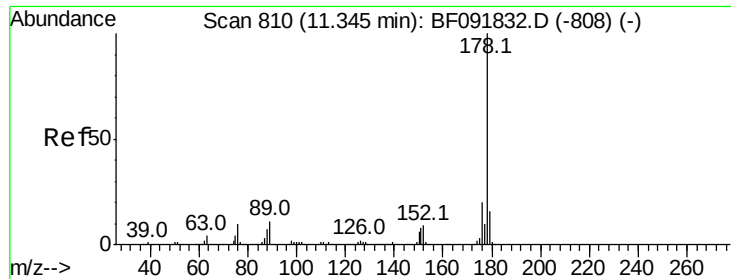
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:	178	Resp:	2167020
Ion Ratio		Lower	Upper
178	100		
176	20.6	16.6	25.0
179	16.6	12.8	19.2





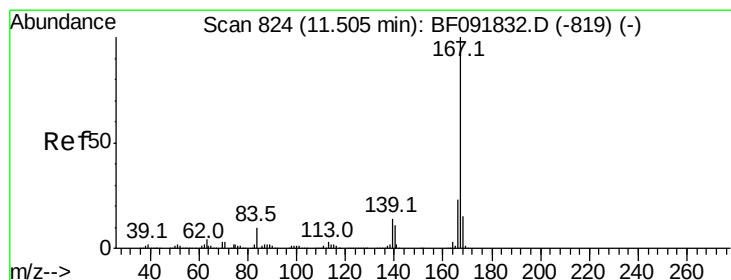
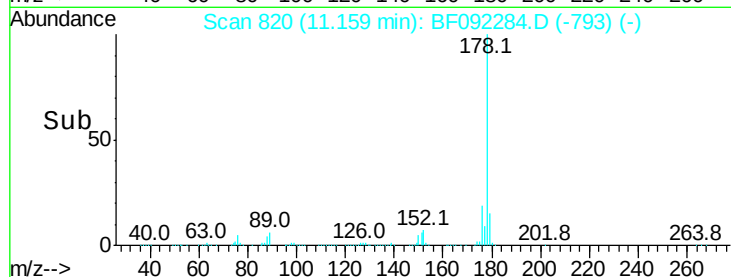
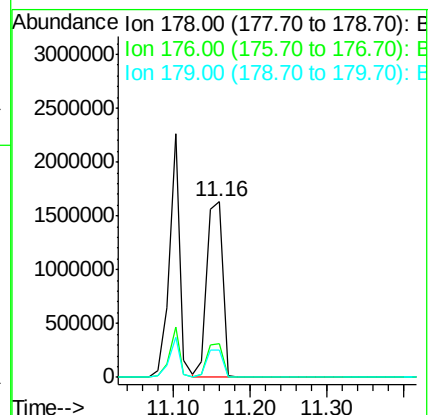
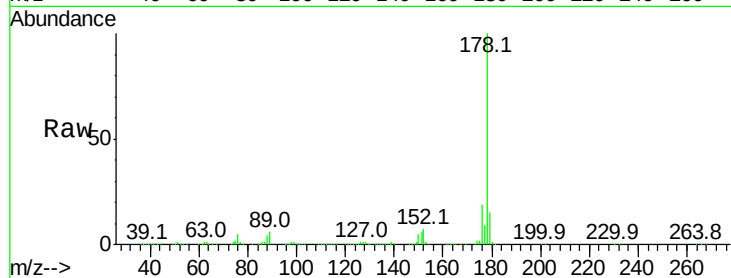
#71
 Anthracene
 Concen: 52.63 ng
 RT: 11.16 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion:178 Resp: 2309070
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.4 13.2 19.8

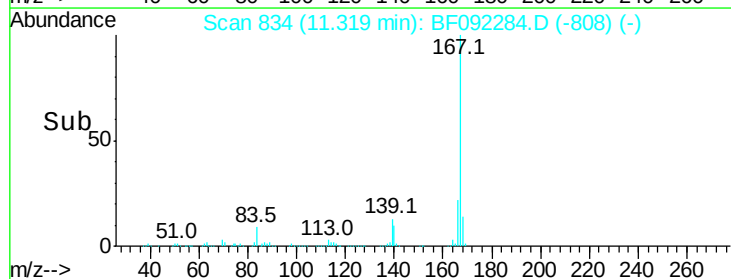
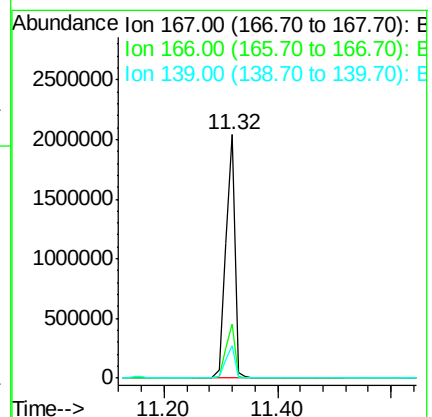
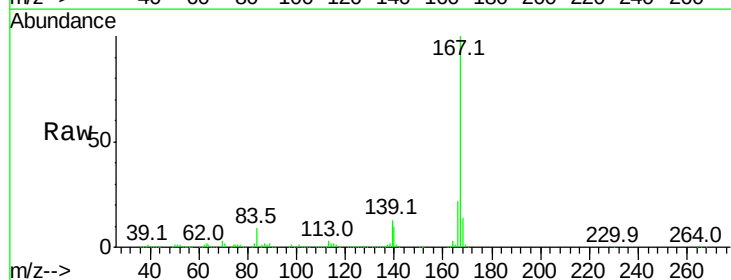
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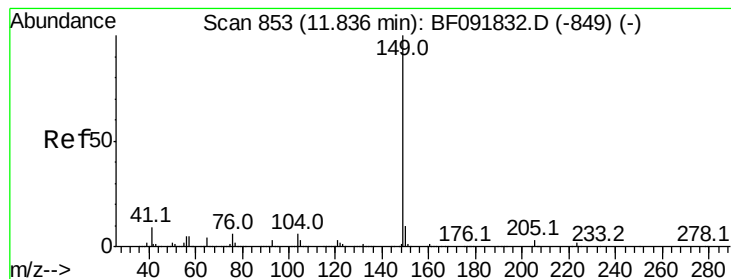
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#72
 Carbazole
 Concen: 68.32 ng
 RT: 11.32 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion:167 Resp: 2270233
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 48.12 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:149 Resp: 2380167

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

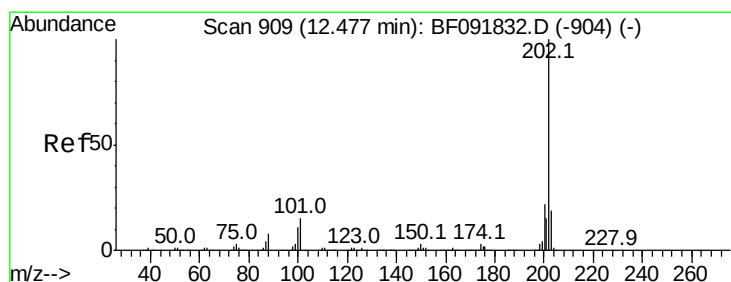
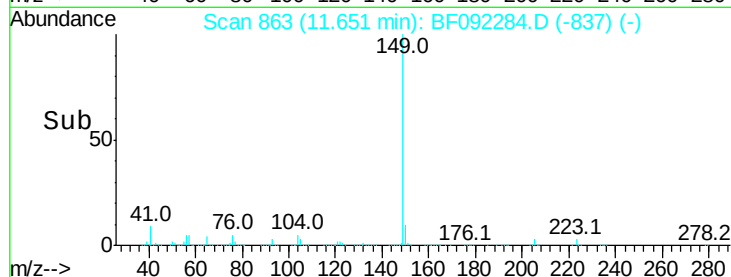
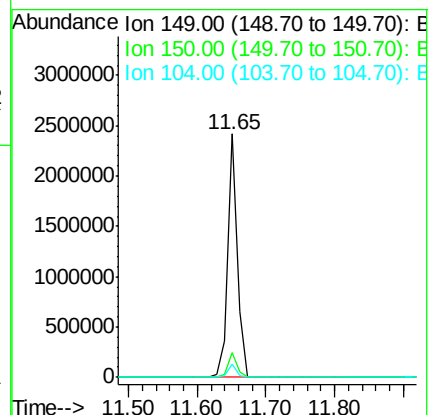
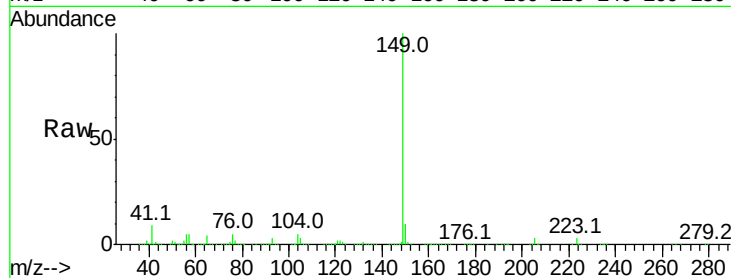
104 5.4 4.6 7.0

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#74

Fluoranthene

Concen: 44.45 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

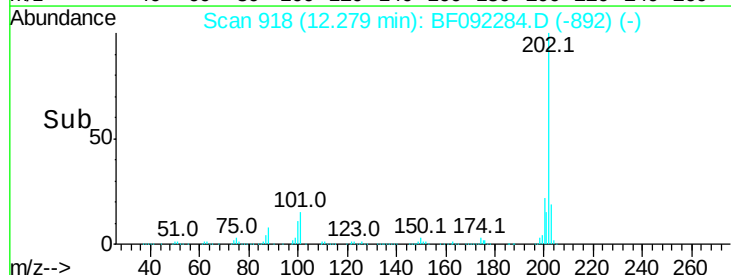
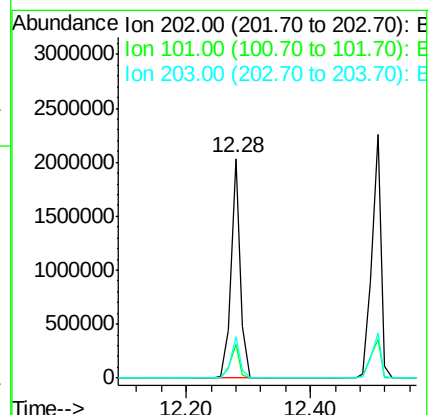
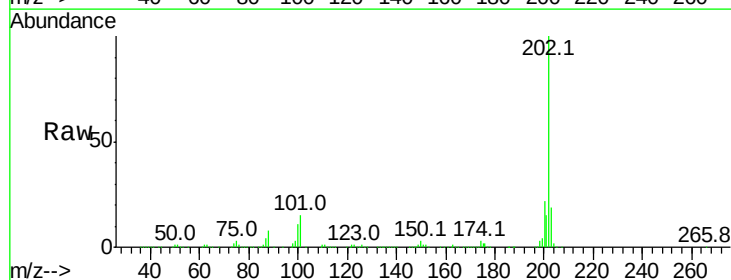
Tgt Ion:202 Resp: 2050226

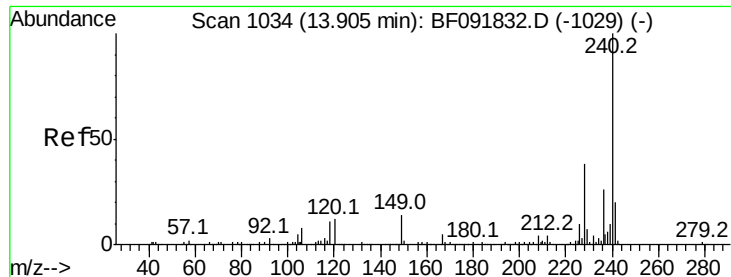
Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.6

203 18.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

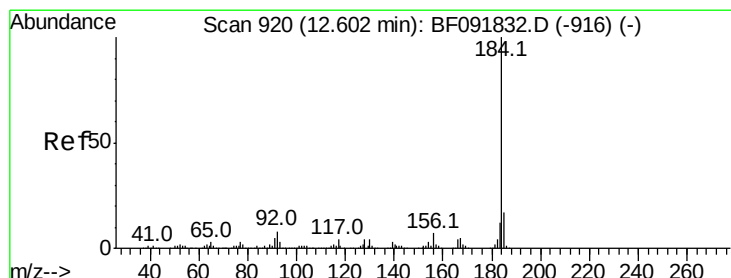
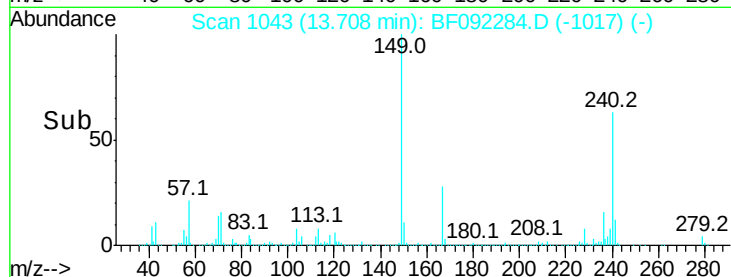
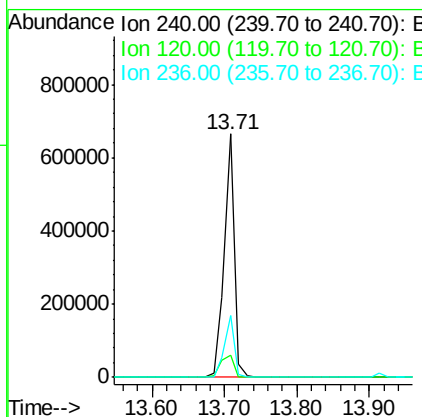
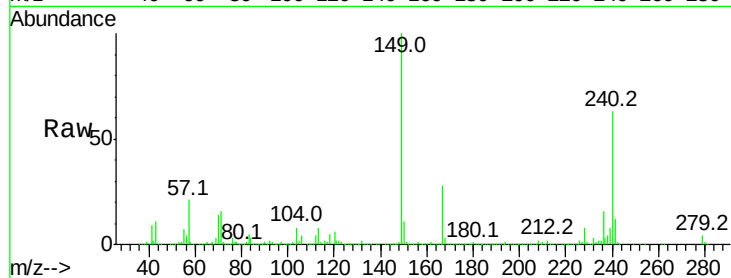
ClientSampleId :

PB95965BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 54.21 ng

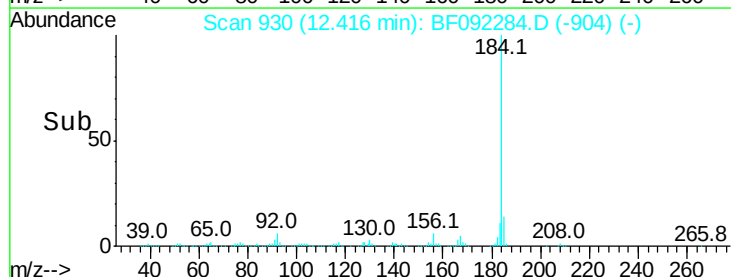
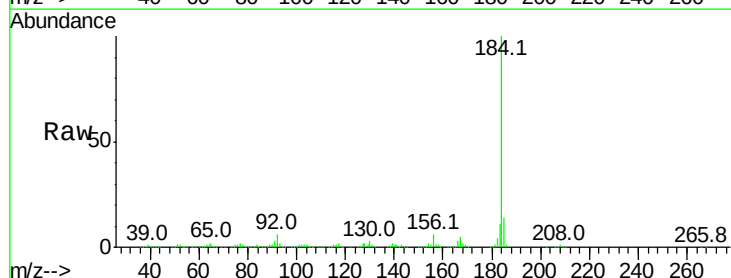
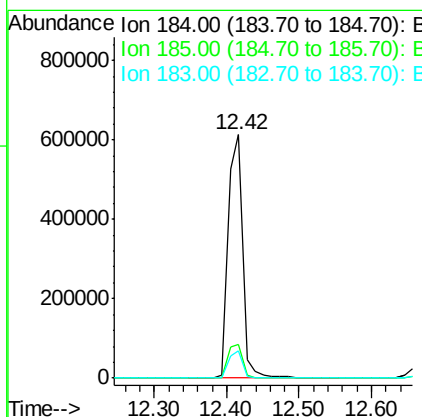
RT: 12.42 min Scan# 930

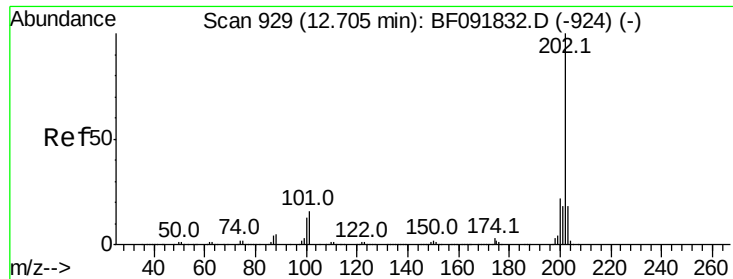
Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	13.4	20.0
183	11.2	9.2	13.8





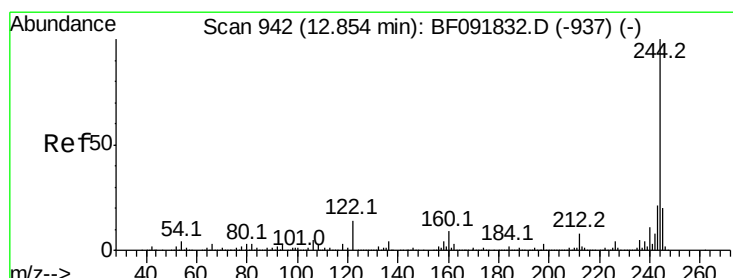
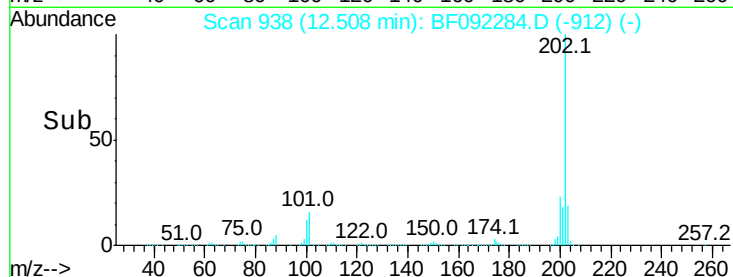
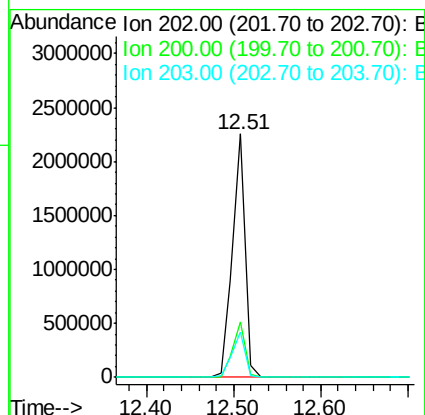
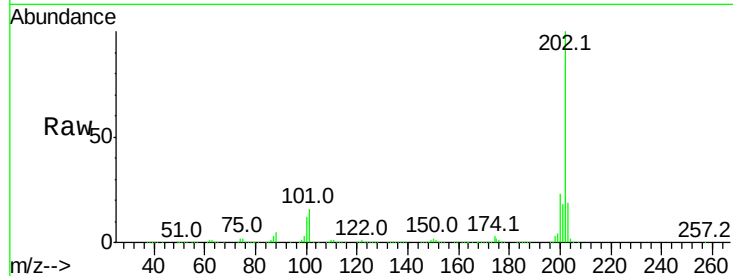
#77
Pvrene
Concen: 48.03 ng
RT: 12.51 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion:202 Resp: 2276550
Ion Ratio Lower Upper
202 100
200 22.6 17.7 26.5
203 18.6 14.7 22.1

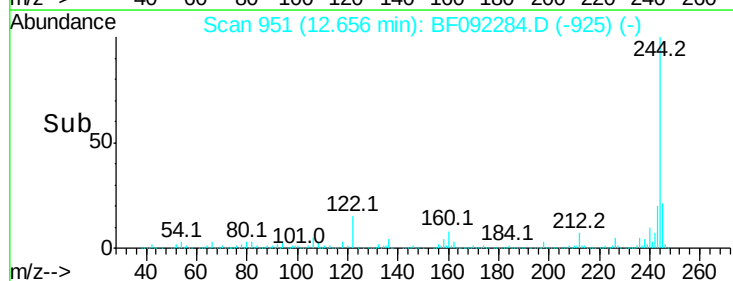
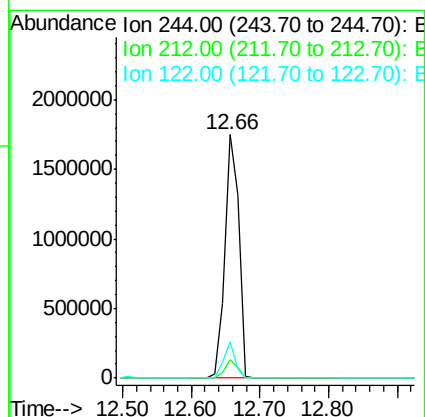
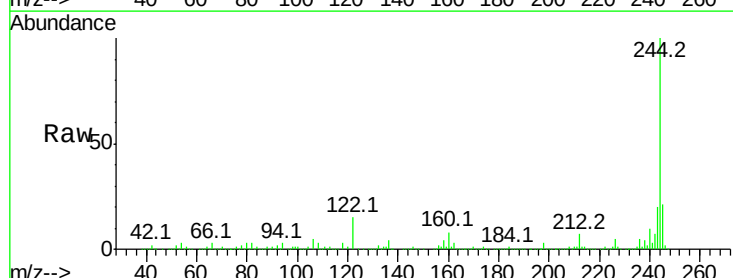
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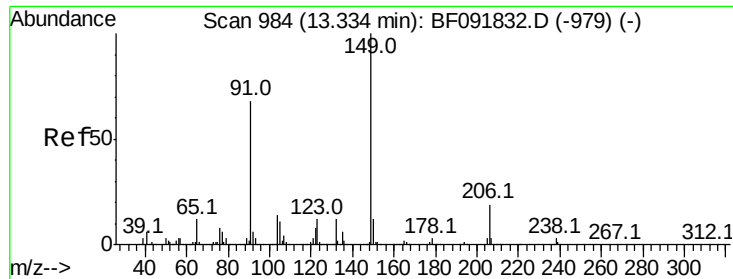
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#78
Terphenyl-d14
Concen: 94.21 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:244 Resp: 2509439
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 14.7 11.4 17.2





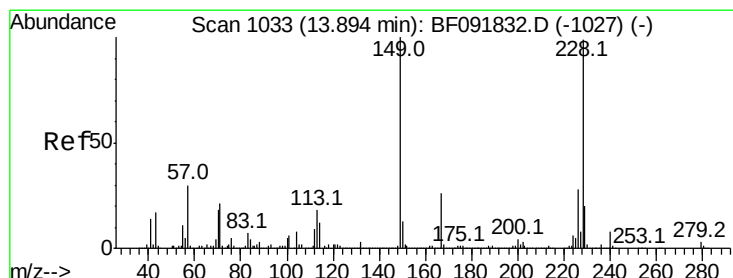
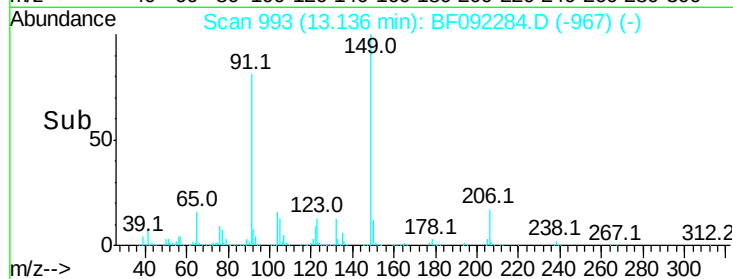
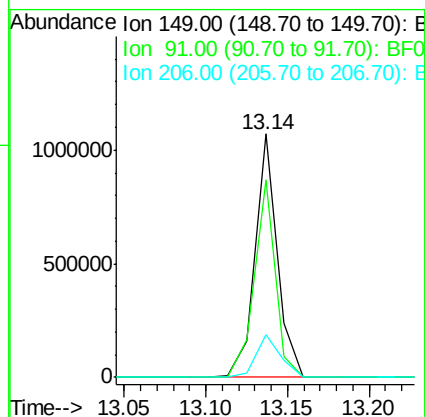
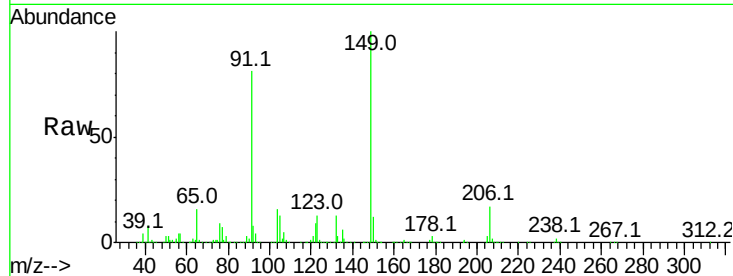
#79
Butylbenzylphthalate
Concen: 47.04 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampled :
PB95965BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.2	63.9	95.9
206	17.4	14.6	21.8

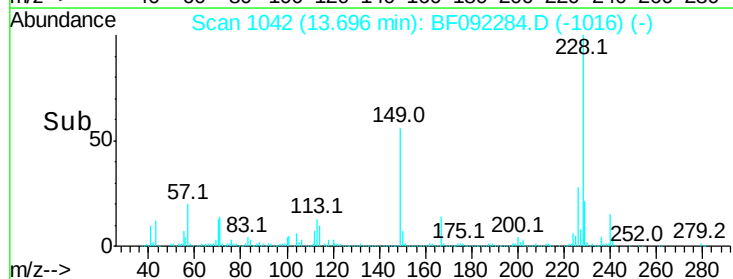
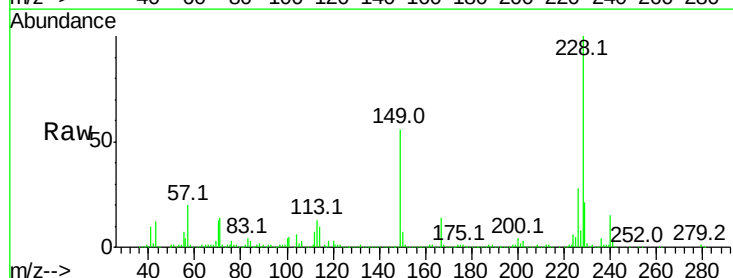
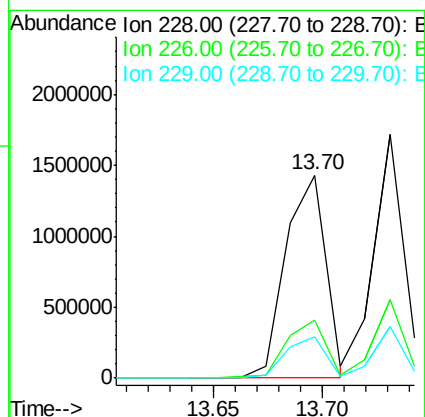
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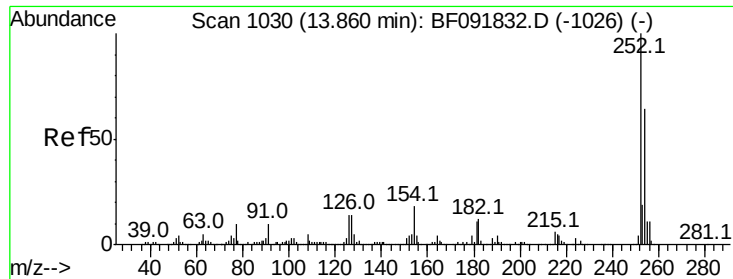
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#80
Benzo(a)anthracene
Concen: 50.80 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.7	16.2	24.4





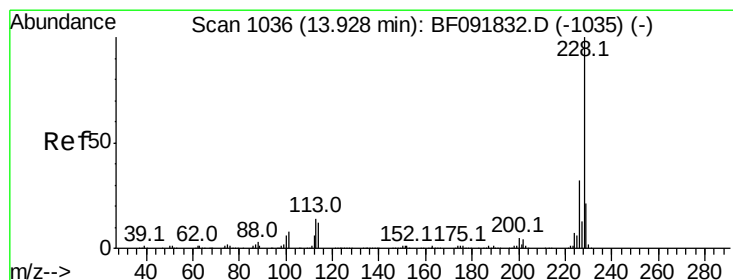
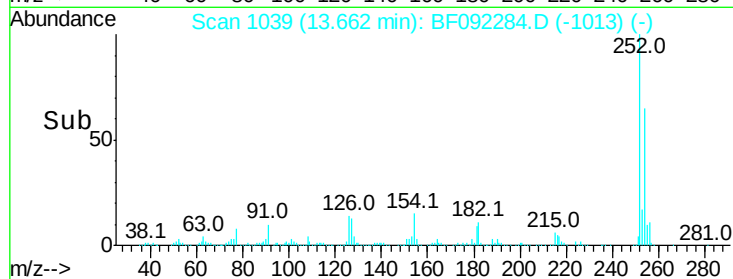
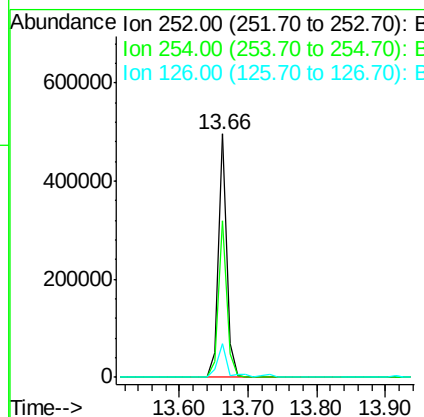
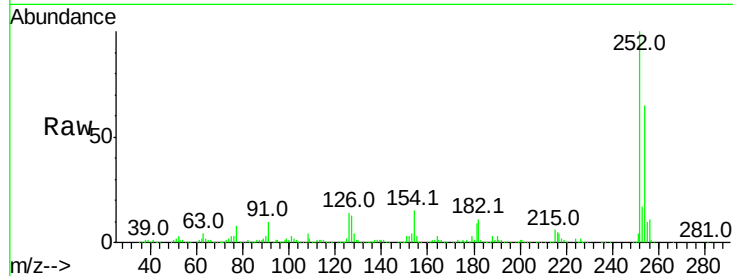
#81
 3,3'-Dichlorobenzidine
 Concen: 31.18 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	431211		
254	64.6	52.3	78.5	
126	13.8	13.6	20.4	

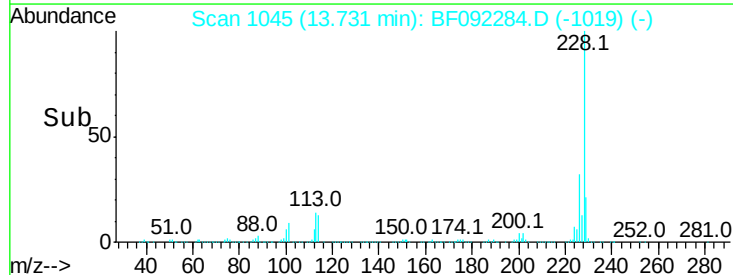
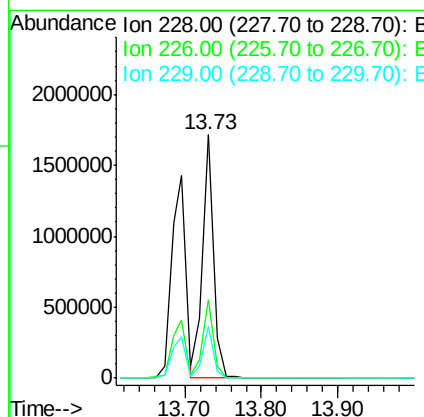
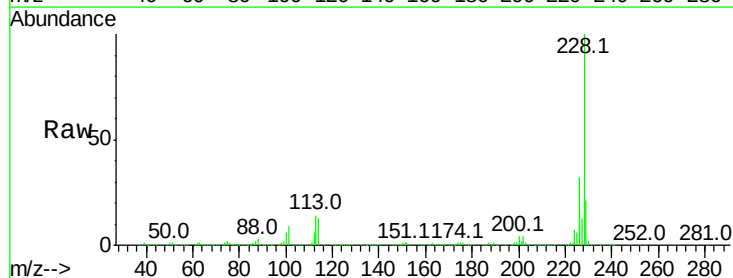
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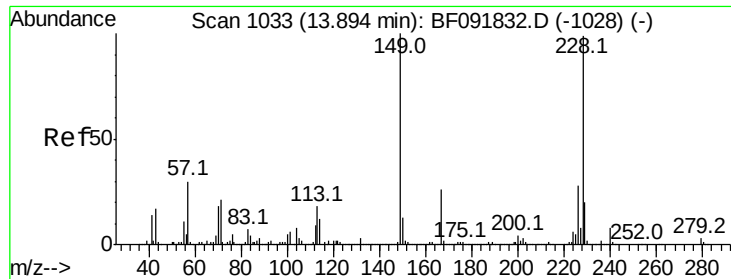
mohammad
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#82
 Chrysene
 Concen: 45.99 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1682226		
226	32.1	25.4	38.0	
229	21.2	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.30 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:149 Resp: 1327685

Ion Ratio Lower Upper

149 100

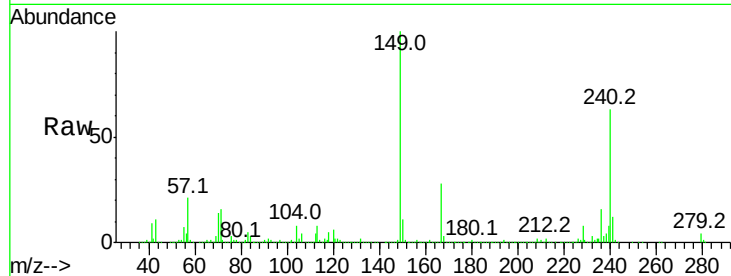
167 28.5 20.2 30.4

279 4.0 1.8 2.8#

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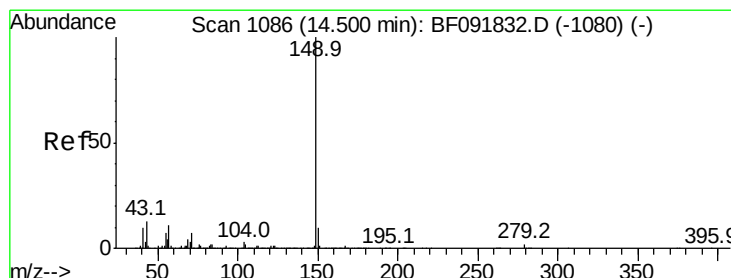
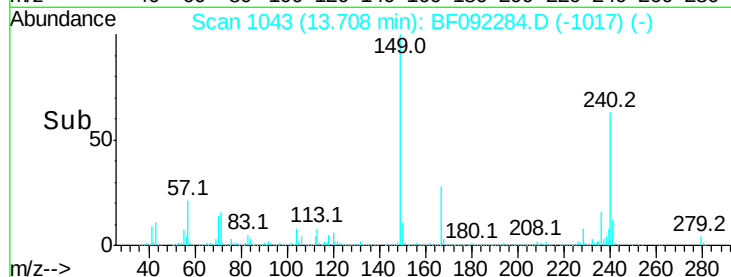
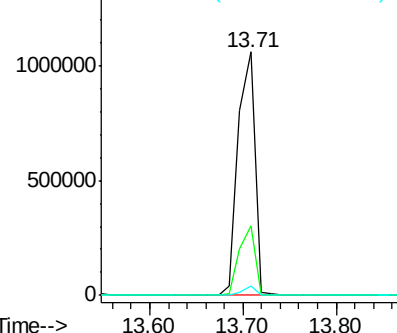
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.88 ng

RT: 14.31 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

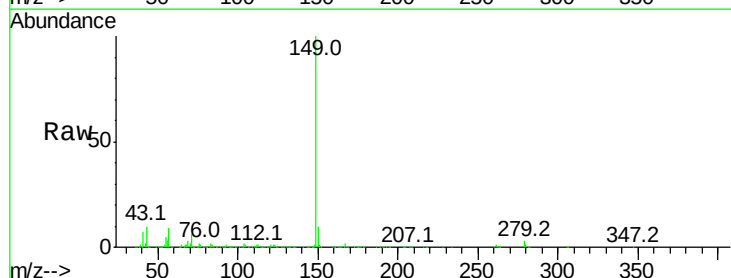
Tgt Ion:149 Resp: 2580921

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

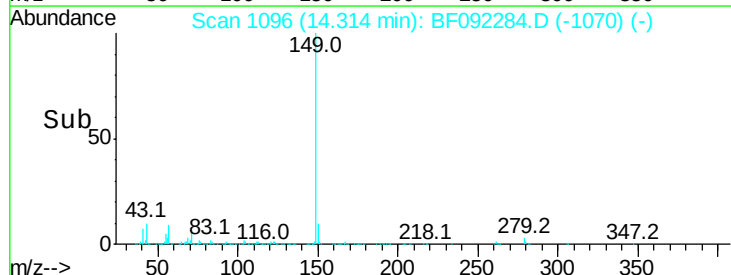
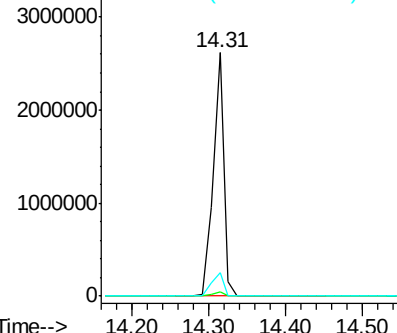
43 11.0 8.9 13.3

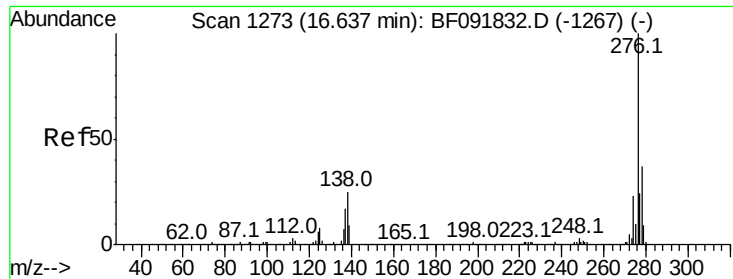


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.32 ng

RT: 16.29 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:276 Resp: 1784864

Ion Ratio Lower Upper

276 100

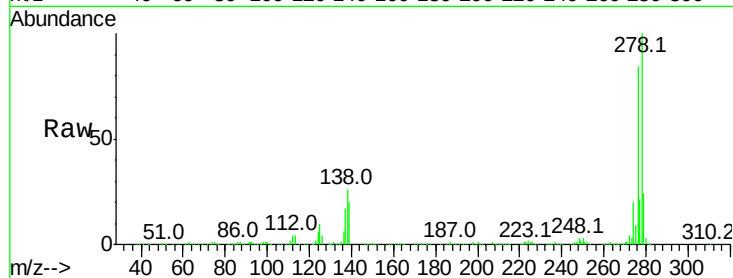
138 29.1 21.8 32.6

277 25.1 20.2 30.4

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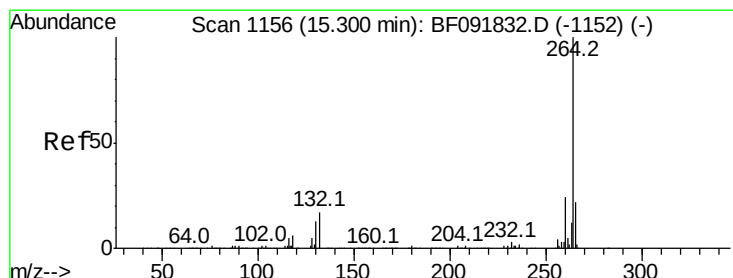
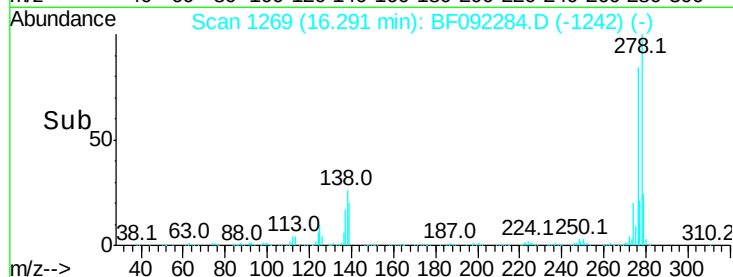
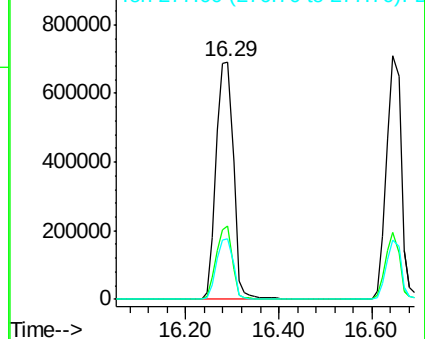
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:264 Resp: 750941

Ion Ratio Lower Upper

264 100

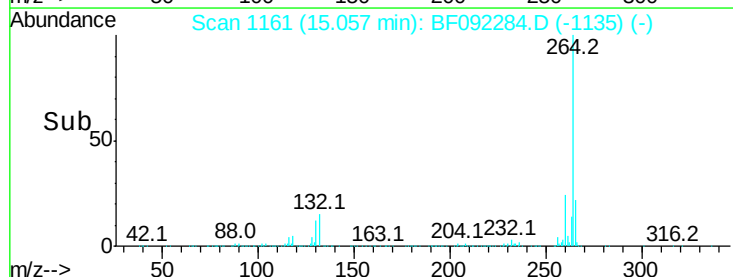
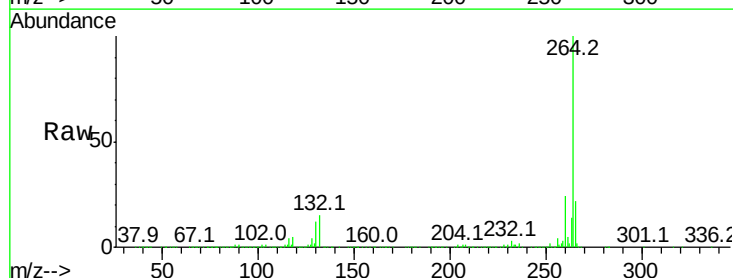
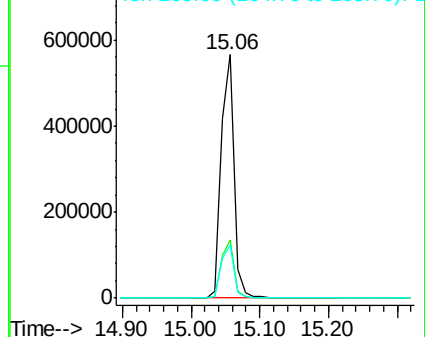
260 23.6 19.2 28.8

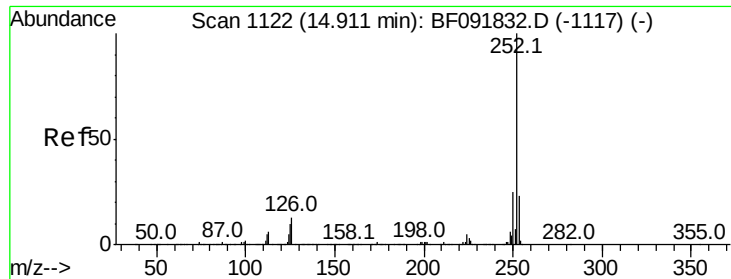
265 21.9 17.4 26.0

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 54.73 ng m

RT: 14.69 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:252 Resp: 2558812

Ion Ratio Lower Upper

252 100

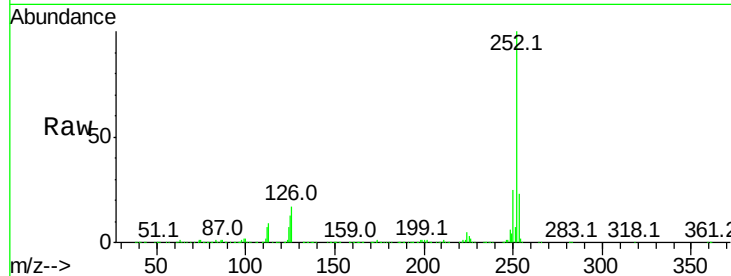
253 22.9 18.2 27.4

125 13.4 9.8 14.6

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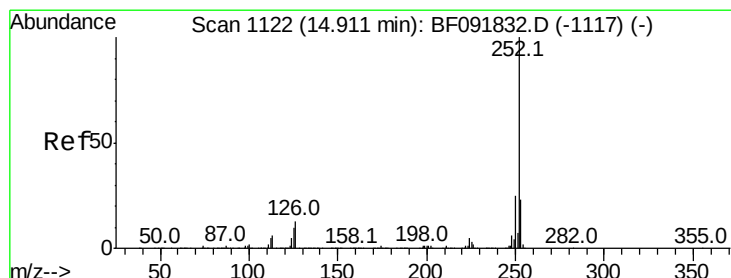
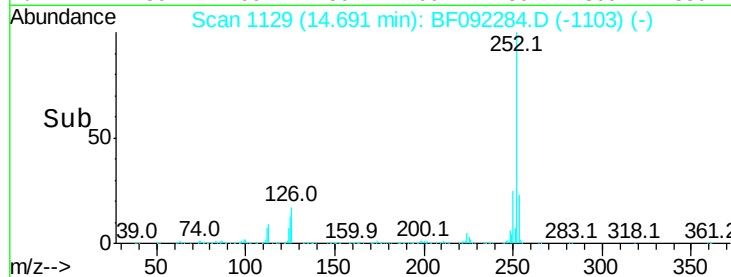
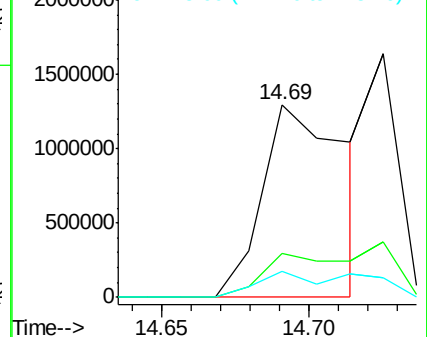
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.82 ng m

RT: 14.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

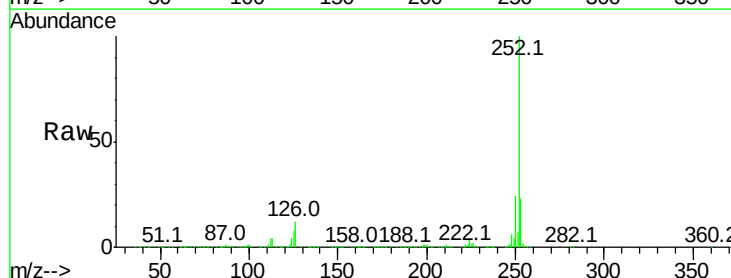
Tgt Ion:252 Resp: 1189056

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

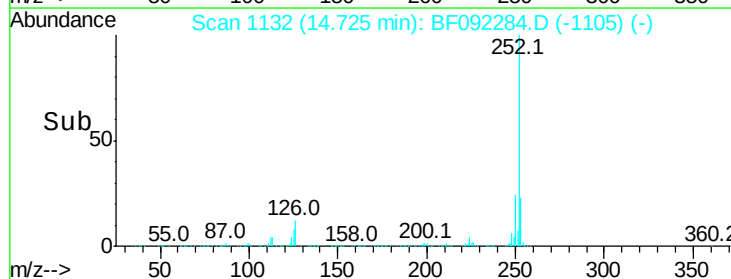
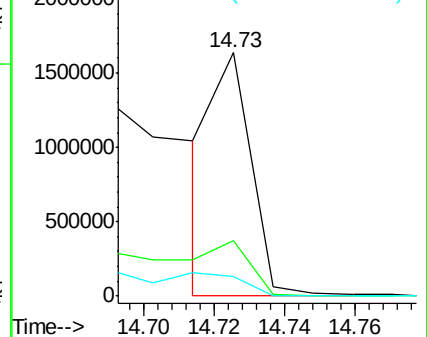
125 8.0 8.9 13.3#

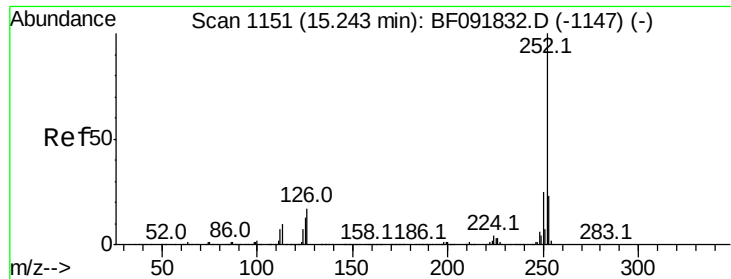


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





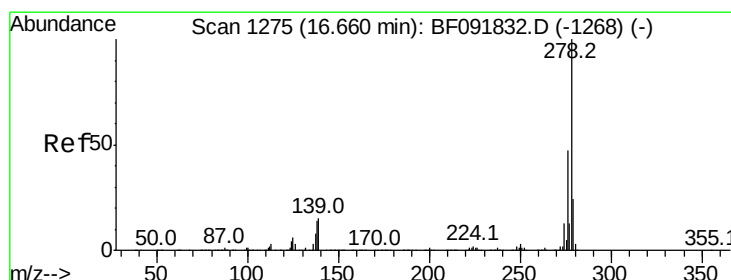
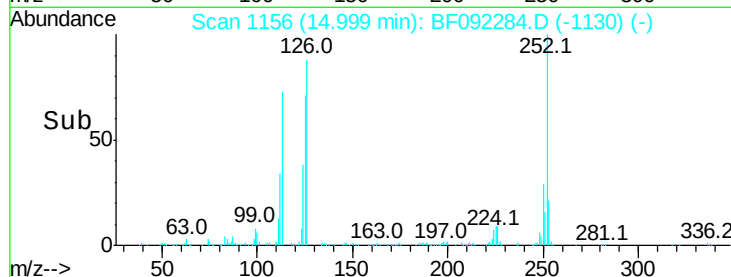
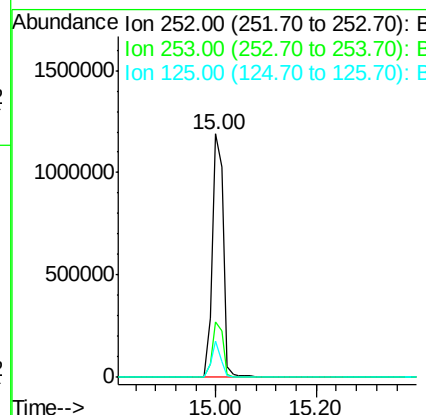
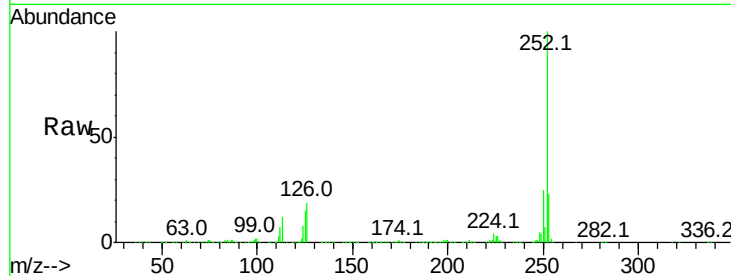
#89
Benzo(a)pyrene
Concen: 43.20 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion:252 Resp: 1792646
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 15.0 10.0 15.0

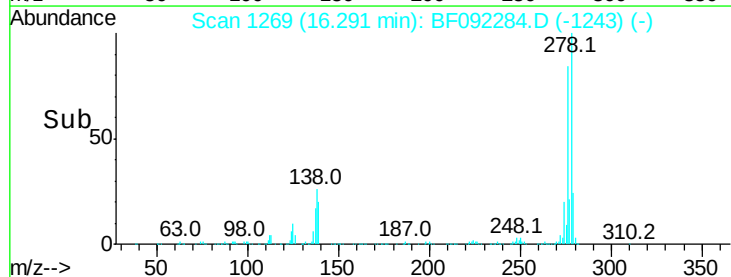
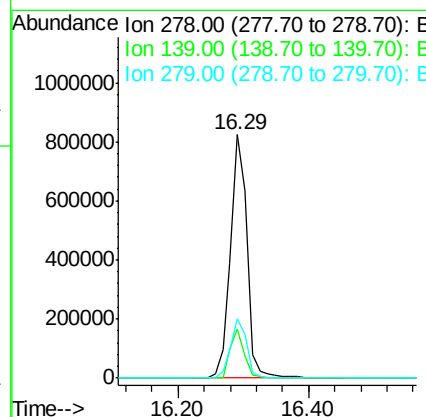
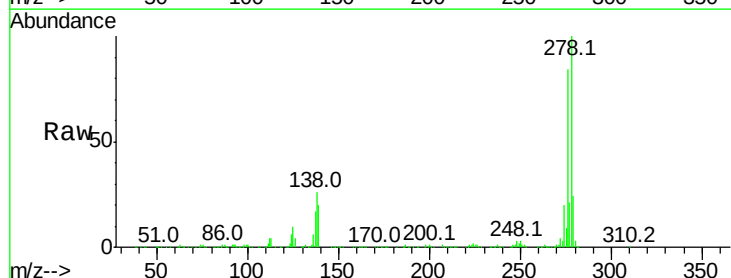
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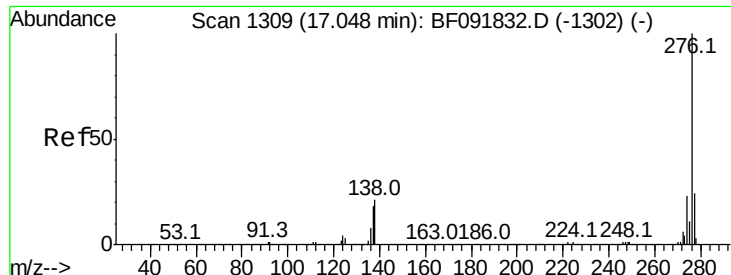
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.49 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:278 Resp: 1449301
Ion Ratio Lower Upper
278 100
139 20.2 14.8 22.2
279 24.4 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.00 ng
 RT: 16.65 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	27.7	16.0	24.0

Manual Integrations
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 1/17/2017 4:57:03 PM

