

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092252.D
 Acq On : 13 Jan 2017 20:03
 Operator : UM/SJ
 Sample : PB95965BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Manual Integrations
 APPROVED

Sohil
 1/16/2017 12:00:44 PM

Quant Time: Jan 16 10:48:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	226280	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	782774	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	413907	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	655248	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	438754	20.00	ng	-0.01
86) Perylene-d12	15.07	264	411673	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	1803731	133.10	ng	0.01
7) Phenol-d6	6.26	99	2373702	143.46	ng	0.00
23) Nitrobenzene-d5	7.15	82	1215048	86.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	452770	132.18	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	2181378	112.09	ng	0.00
78) Terphenyl-d14	12.68	244	1919229	106.09	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.11	88	224008	33.58	ng	97
3) Pyridine	2.72	79	619182	26.59	ng	95
4) n-Nitrosodimethylamine	2.69	42	299439	34.09	ng	98
6) Aniline	6.24	93	491790	22.88	ng	# 67
8) 2-Chlorophenol	6.37	128	707380	45.89	ng	92
9) Benzaldehyde	6.12	77	43369	3.29	ng	90
10) Phenol	6.27	94	821644	43.58	ng	# 61
11) bis(2-Chloroethyl)ether	6.32	93	702375	46.82	ng	99
12) 1,3-Dichlorobenzene	6.51	146	693112	42.12	ng	# 88
13) 1,4-Dichlorobenzene	6.59	146	701166m	41.86	ng	
14) 1,2-Dichlorobenzene	6.75	146	597863	41.14	ng	99
15) Benzyl Alcohol	6.74	79	518731	40.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	800718	35.84	ng	# 46
17) 2-Methylphenol	6.87	107	467717	37.73	ng	# 89
18) Hexachloroethane	7.08	117	221230	35.63	ng	# 87
19) n-Nitroso-di-n-propylamine	7.01	70	414880	37.69	ng	97
20) 3+4-Methylphenols	7.02	107	637993	43.15	ng	# 71
22) Acetophenone	7.00	105	850170	44.03	ng	# 92
24) Nitrobenzene	7.17	77	650928	43.41	ng	97
25) Isophorone	7.41	82	1193961	45.97	ng	96
26) 2-Nitrophenol	7.49	139	342196	46.28	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	531978	43.38	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	701094	44.52	ng	99
29) 2,4-Dichlorophenol	7.74	162	496005	47.76	ng	93
30) 1,2,4-Trichlorobenzene	7.81	180	503165	44.22	ng	97
31) Naphthalene	7.89	128	1663990	46.45	ng	98
32) Benzoic acid	7.72	122	331204	36.41	ng	97
33) 4-Chloroaniline	7.95	127	265165	16.41	ng	98
34) Hexachlorobutadiene	8.00	225	269233	44.82	ng	99
35) Caprolactam	8.34	113	172815m	50.64	ng	
36) 4-Chloro-3-methylphenol	8.46	107	563205	47.13	ng	97
37) 2-Methylnaphthalene	8.58	142	1033049	49.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	469955	44.94	ng	98
40) Hexachlorocyclopentadiene	8.74	237	353400	76.09	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	323680	44.26	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	277769	36.91	nq	# 91
45) 1,1'-Biphenyl	9.04	154	1310947	46.26	nq	98
46) 2-Chloronaphthalene	9.07	162	1026644	45.74	nq	97
47) 2-Nitroaniline	9.17	65	304798	38.14	nq	100
48) Acenaphthylene	9.48	152	1532598	44.40	nq	99
49) Dimethylphthalate	9.36	163	1258758	47.55	nq	100
50) 2,6-Dinitrotoluene	9.42	165	294989	50.91	nq	# 86
51) Acenaphthene	9.65	154	1016076	43.42	nq	99
52) 3-Nitroaniline	9.58	138	143754	20.05	nq	96
53) 2,4-Dinitrophenol	9.71	184	208943	64.81	nq	# 89
54) Dibenzofuran	9.82	168	1332942	42.18	nq	100
55) 4-Nitrophenol	9.79	139	366527m	75.28	nq	
56) 2,4-Dinitrotoluene	9.82	165	327148	44.98	nq	# 54
57) Fluorene	10.16	166	1111615	48.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	280652	47.15	nq	96
59) Diethylphthalate	10.06	149	1265906	49.24	nq	95
60) 4-Chlorophenyl-phenylether	10.16	204	468814	46.57	nq	# 76
61) 4-Nitroaniline	10.21	138	303448	40.84	nq	87
62) Azobenzene	10.31	77	1290492	45.59	nq	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	175125	44.20	nq	91
65) n-Nitrosodiphenylamine	10.28	169	963261	49.54	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	324408	47.59	nq	94
67) Hexachlorobenzene	10.71	284	349512	47.97	nq	# 92
68) Atrazine	10.82	200	293112	46.73	nq	96
69) Pentachlorophenol	10.92	266	283592	79.33	nq	100
70) Phenanthrene	11.11	178	1489765	41.93	nq	99
71) Anthracene	11.17	178	1712434	62.74	nq	99
72) Carbazole	11.33	167	1395973	50.42	nq	99
73) Di-n-butylphthalate	11.67	149	1954890	59.38	nq	# 97
74) Fluoranthene	12.30	202	1717439	56.03	nq	91
76) Benzidine	12.43	184	364134	29.98	nq	96
77) Pyrene	12.52	202	1569968	48.77	nq	99
79) Butylbenzylphthalate	13.16	149	836356	57.12	nq	85
80) Benzo(a)anthracene	13.71	228	1314989	53.10	nq	100
81) 3,3'-Dichlorobenzidine	13.67	252	235691	25.10	nq	99
82) Chrysene	13.74	228	1208771	48.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	963362	55.87	nq	99
84) Di-n-octyl phthalate	14.33	149	1692698	53.00	nq	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	1078033	50.09	nq	99
87) Benzo(b)fluoranthene	14.71	252	1399221m	54.59	nq	
88) Benzo(k)fluoranthene	14.74	252	858731m	39.29	nq	
89) Benzo(a)pyrene	15.02	252	1068652	46.98	nq	98
90) Dibenzo(a,h)anthracene	16.31	278	895165	47.87	nq	99
91) Benzo(g,h,i)perylene	16.68	276	902570	46.42	nq	99

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

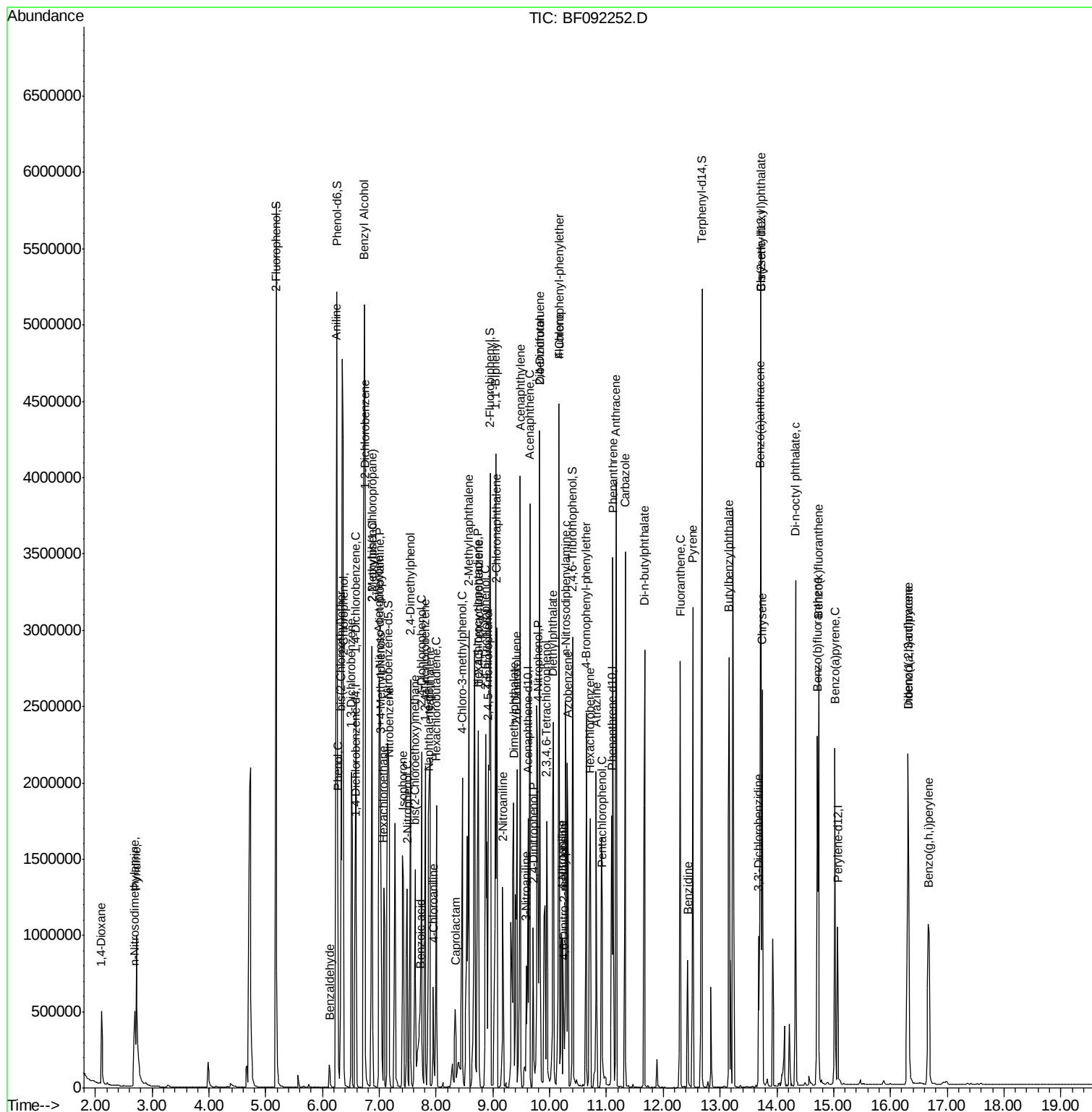
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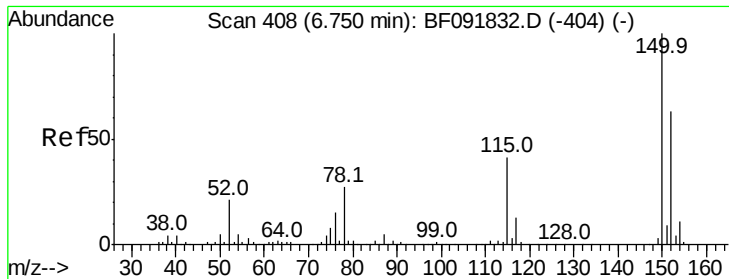
Instrument :
BNA_F
ClientSampleID :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

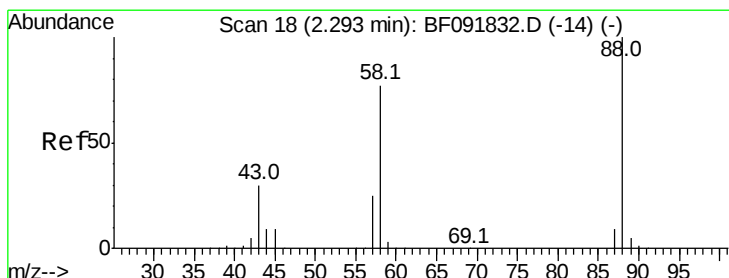
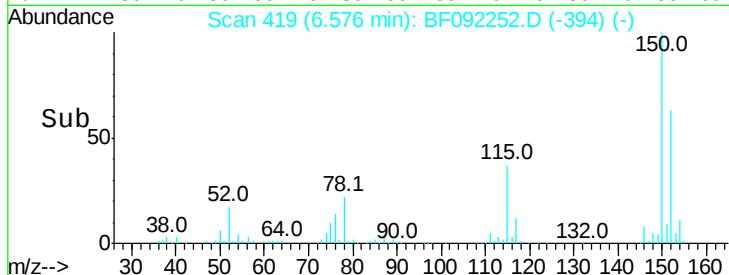
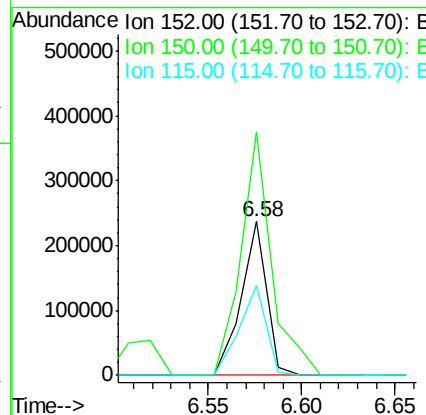
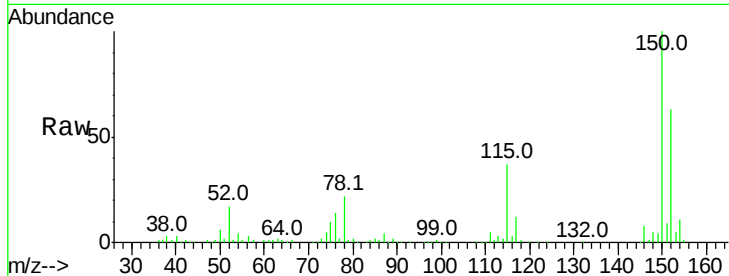
ClientSampleId :

PB95965BS

Tot Ion:	152	Resp:	226280
Ion Ratio	Lower	Upper	
152	100		
150	158.2	124.9	187.3
115	58.7	46.0	69.0

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#2

1,4-Dioxane

Concen: 33.58 ng

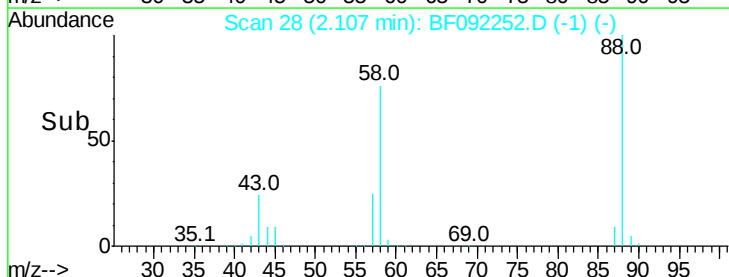
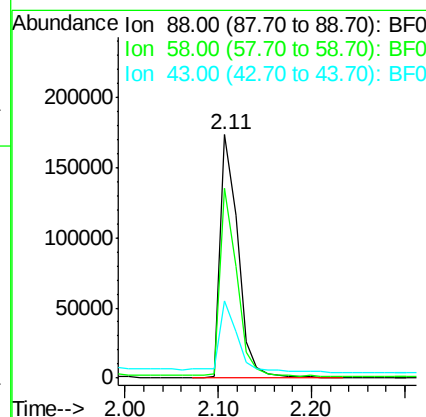
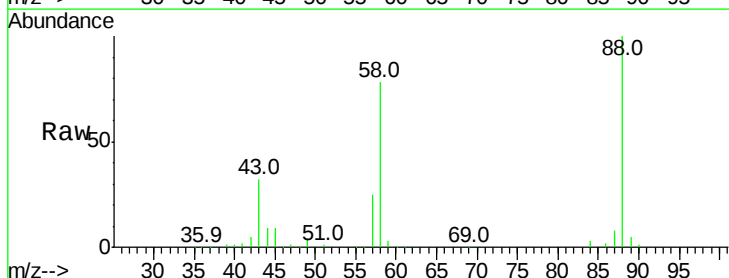
RT: 2.11 min Scan# 28

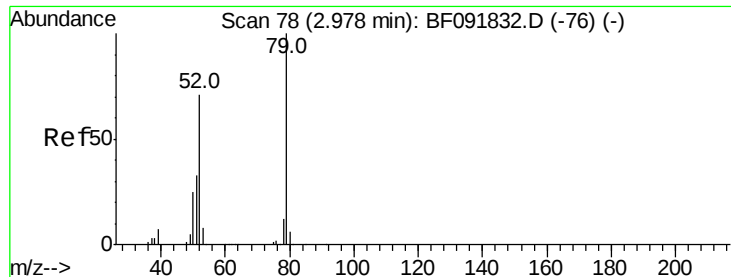
Delta R.T. 0.09 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	88	Resp:	224008
Ion Ratio	Lower	Upper	
88	100		
58	73.7	57.8	86.8
43	30.3	22.3	33.5





#3

Pvridine

Concen: 26.59 ng

RT: 2.72 min Scan# 82

Delta R.T. 0.08 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

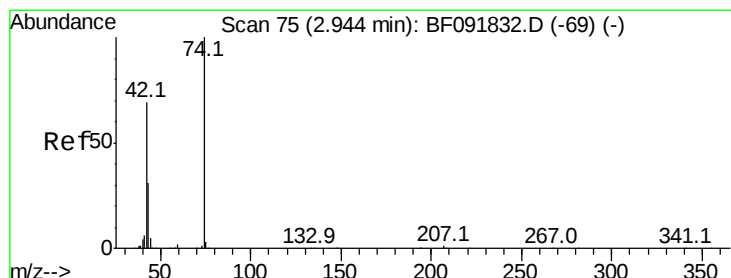
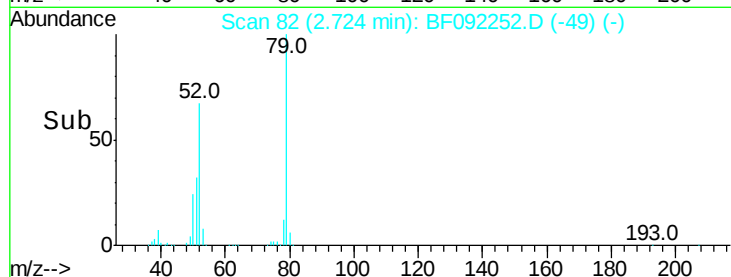
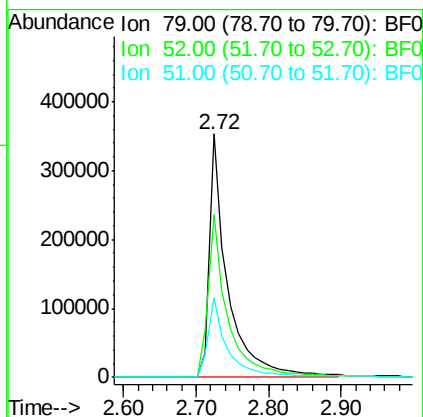
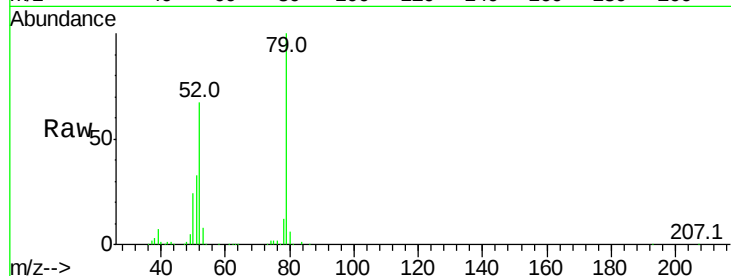
ClientSampleId :

PB95965BS

Tot Ion:	79	Resp:	619182
Ion Ratio	Lower	Upper	
79	100		
52	66.8	57.1	85.7
51	32.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 34.09 ng

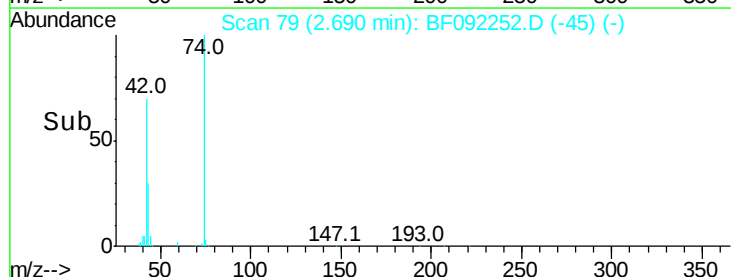
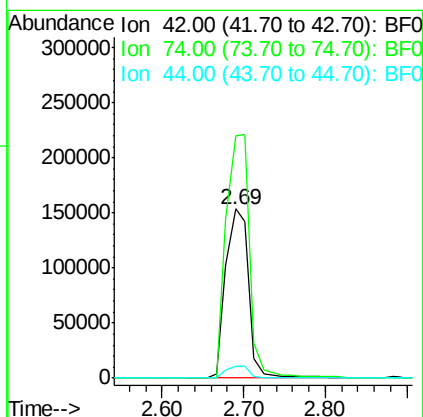
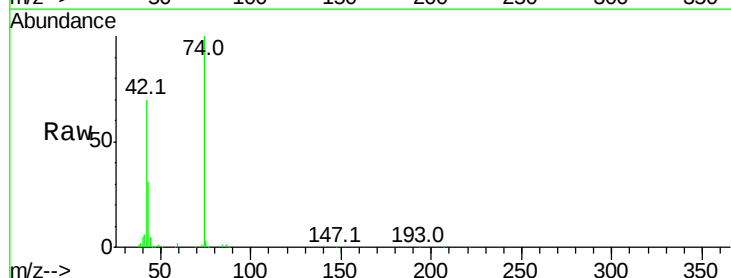
RT: 2.69 min Scan# 79

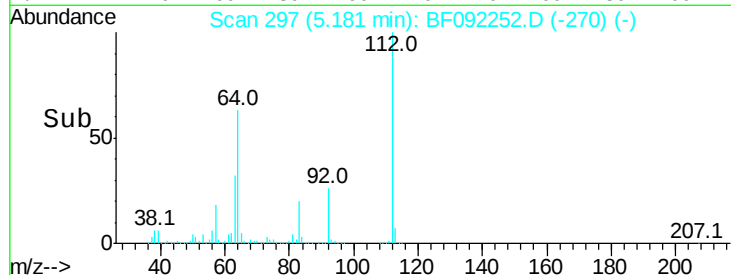
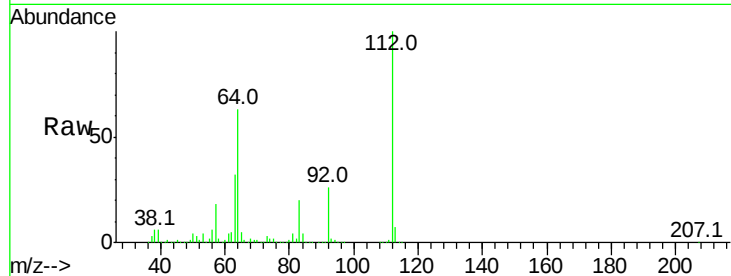
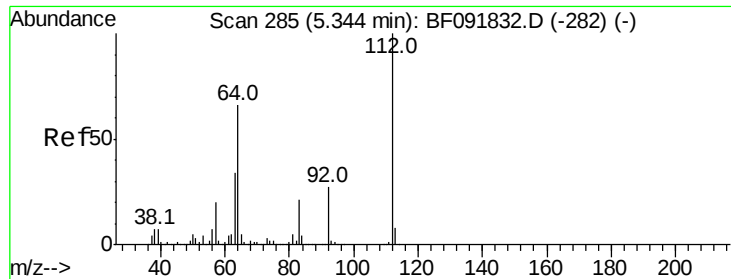
Delta R.T. 0.09 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	42	Resp:	299439
Ion Ratio	Lower	Upper	
42	100		
74	143.2	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 133.10 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tot Ion:	112	Resp:	1803731
Ion Ratio	Lower	Upper	
112	100		
64	63.0	46.1	69.1
63	31.7	23.8	35.6

Instrument :

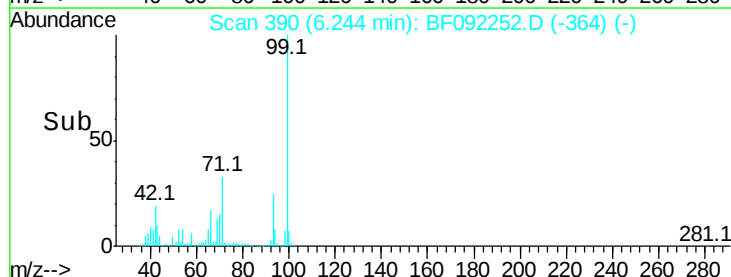
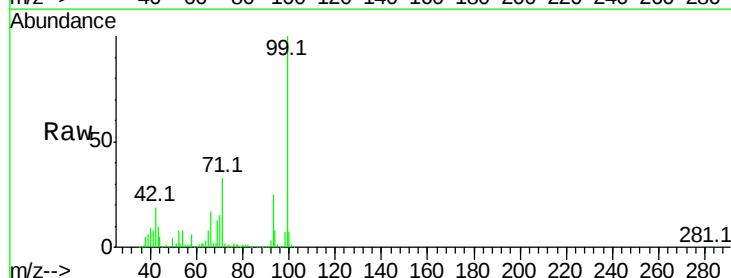
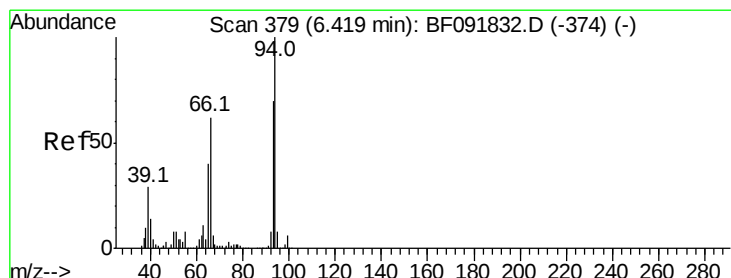
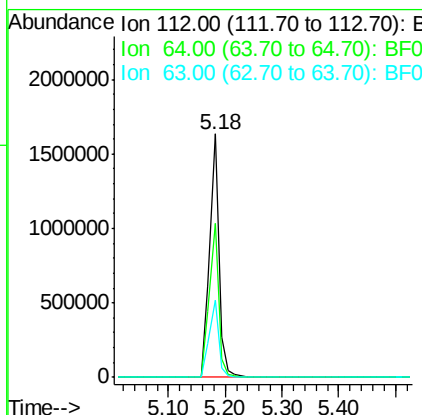
BNA_F

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#6

Aniline

Concen: 22.88 ng

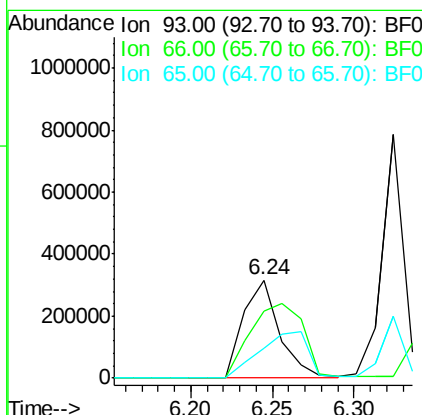
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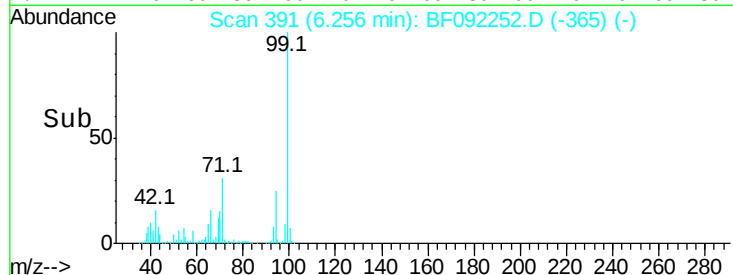
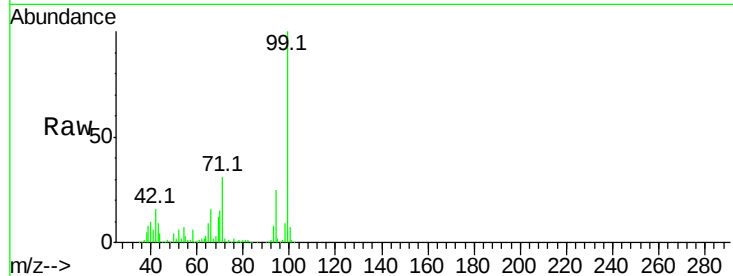
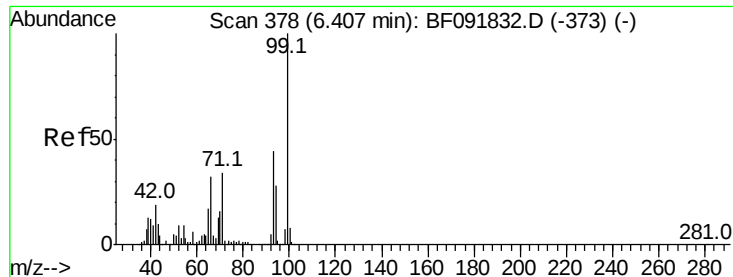
Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	93	Resp:	491790
Ion Ratio	Lower	Upper	
93	100		
66	68.1	76.2	114.2#
65	31.0	49.3	73.9#





#7

Phenol-d6

Concen: 143.46 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tot Ion:	99	Resp:	2373702
Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.6	23.4
71	30.5	27.5	41.3

Instrument :

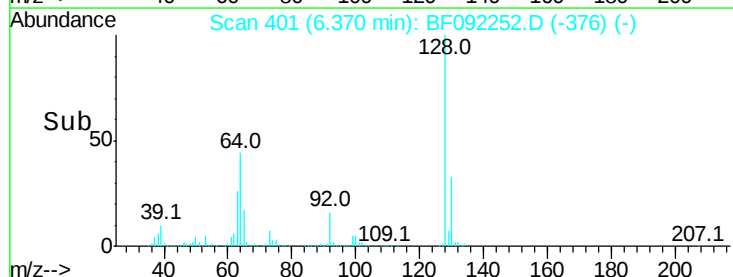
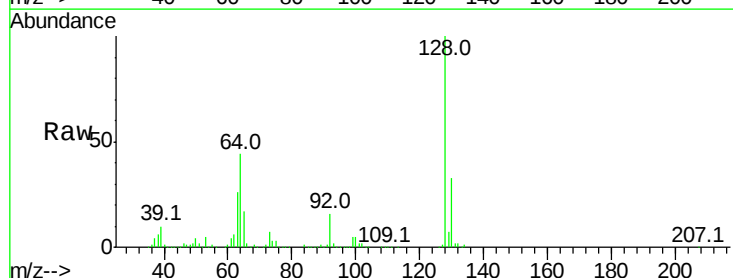
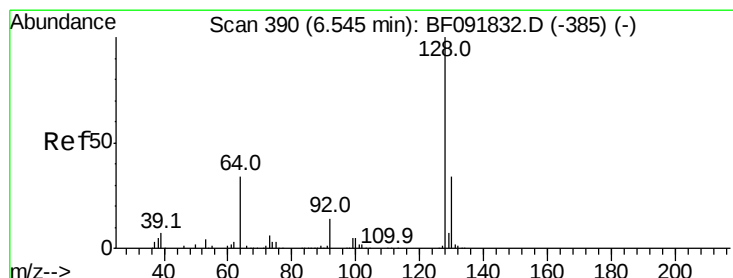
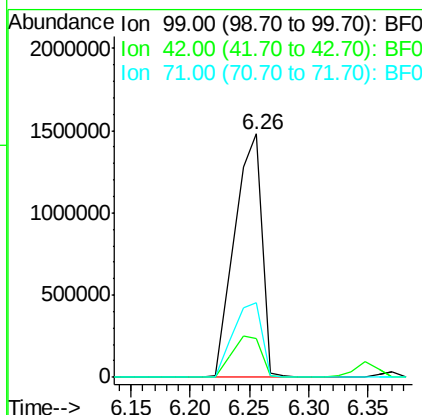
BNA_F

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#8

2-Chlorophenol

Concen: 45.89 ng

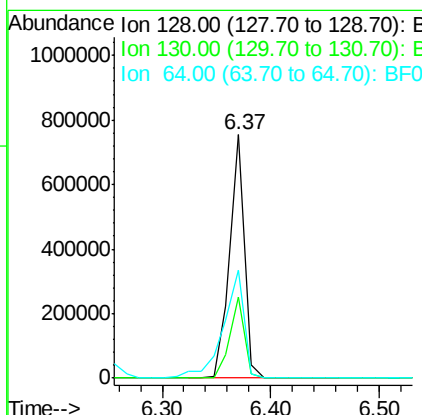
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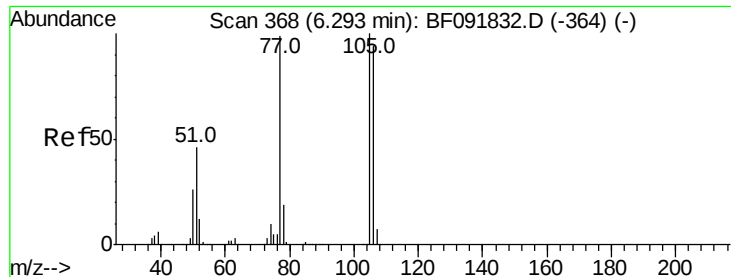
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	128	Resp:	707380
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	44.2	32.2	72.2





#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.12 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

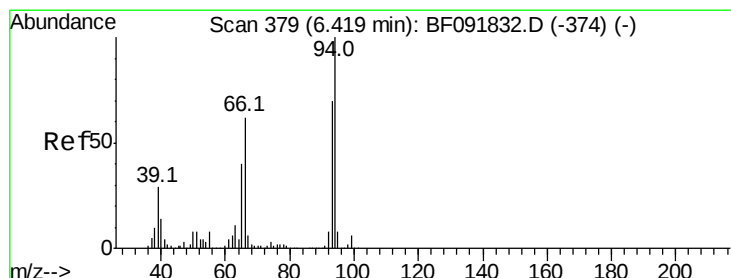
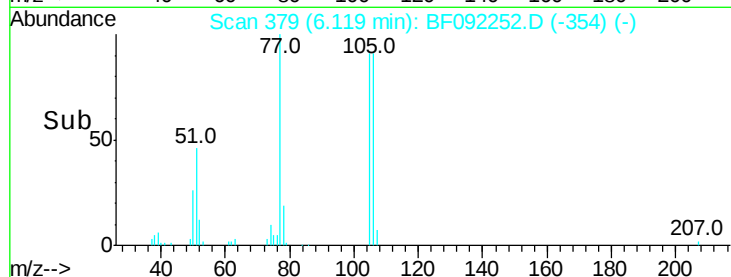
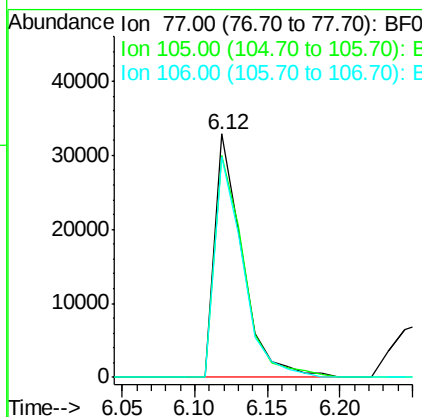
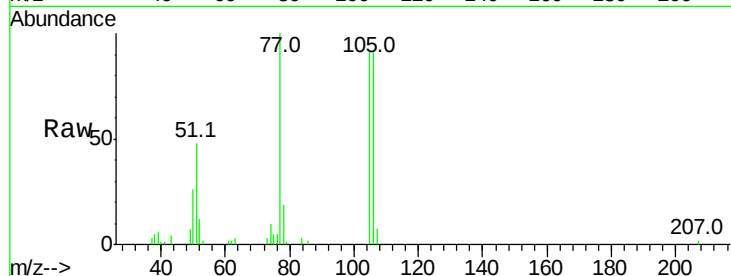
PB95965BS

Tot Ion: 77 Resp: 43369

Ion	Ratio	Lower	Upper
77	100		
105	91.3	83.9	123.9
106	90.5	77.6	117.6

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#10

Phenol

Concen: 43.58 ng

RT: 6.27 min Scan# 392

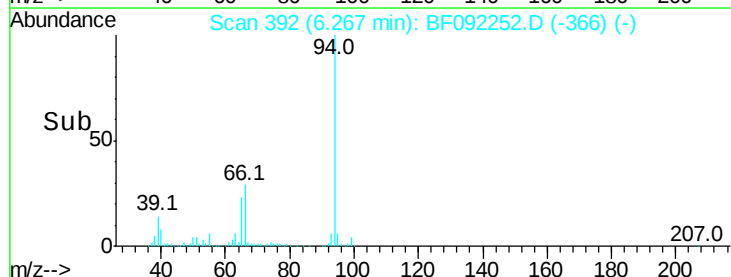
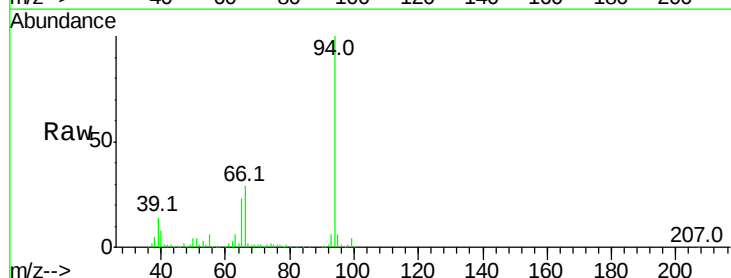
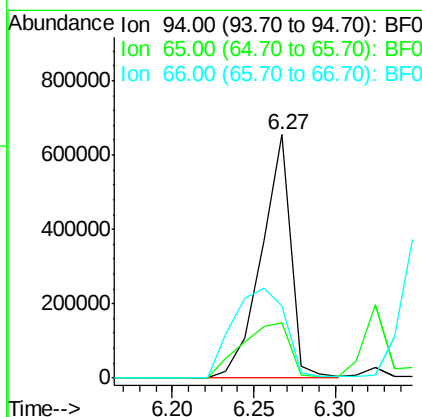
Delta R.T. 0.00 min

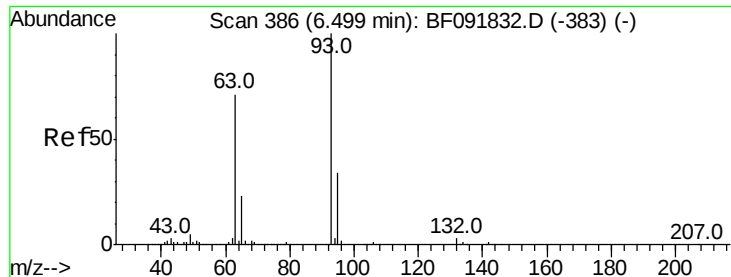
Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion: 94 Resp: 821644

Ion	Ratio	Lower	Upper
94	100		
65	22.6	21.4	61.4
66	29.4	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.82 ng

RT: 6.32 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

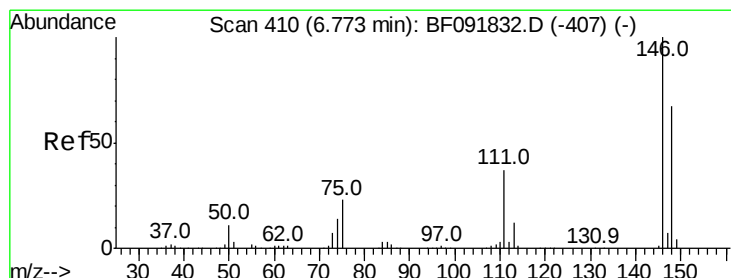
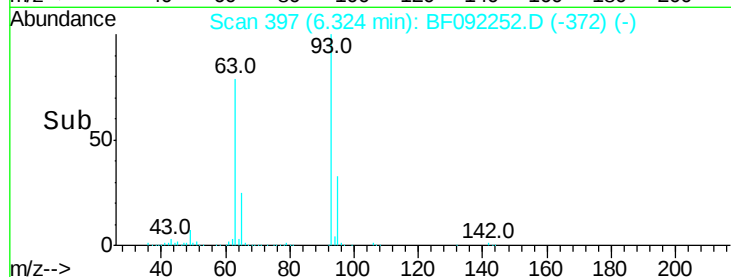
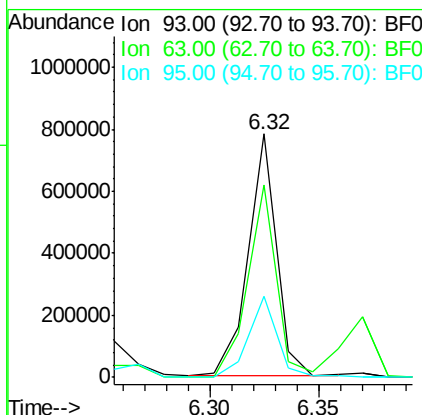
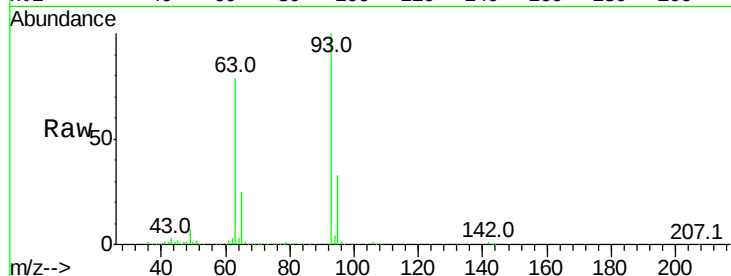
ClientSampleId :

PB95965BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.4	100.4
95	33.1	12.8	52.8

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1/16/2017 12:00:44 PM



#12

1,3-Dichlorobenzene

Concen: 42.12 ng

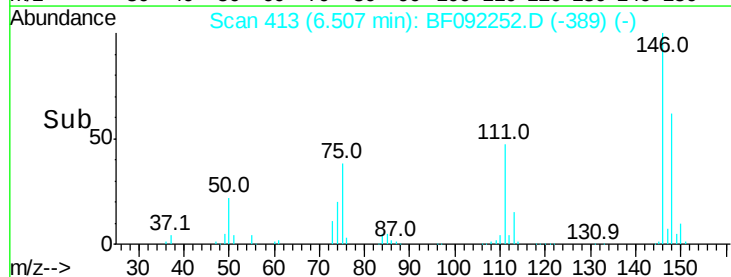
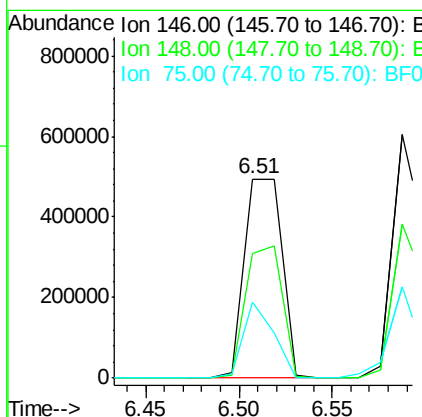
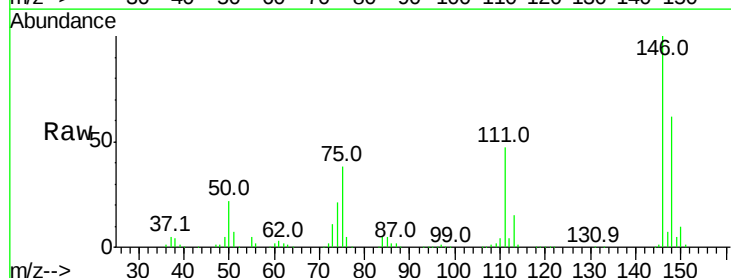
RT: 6.51 min Scan# 413

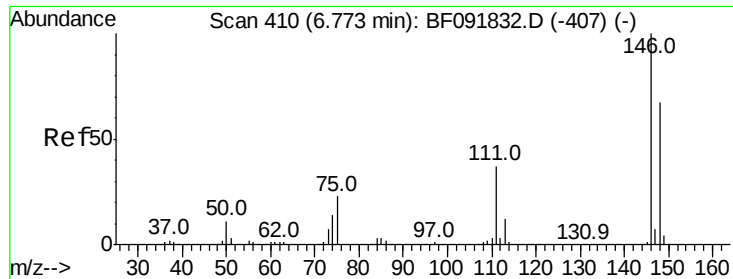
Delta R.T. -0.02 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.4	80.0
75	38.5	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.86 ng m

RT: 6.59 min Scan# 420

Delta R.T. 0.06 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

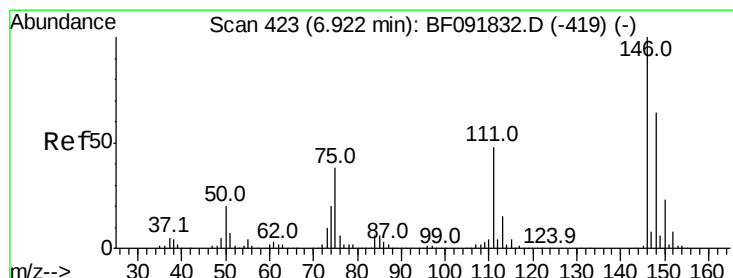
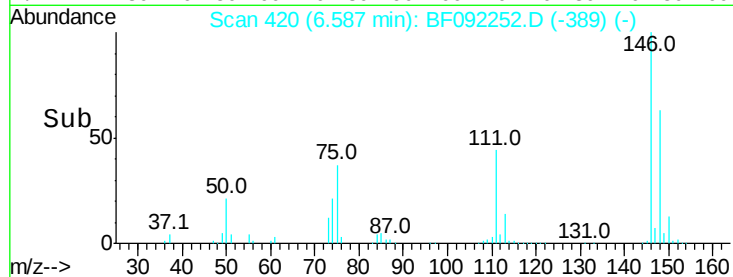
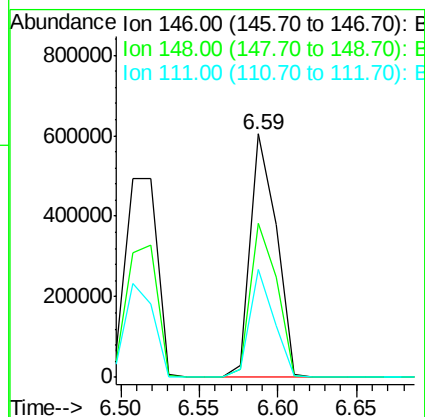
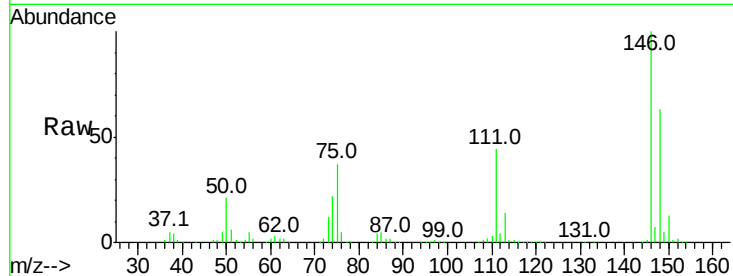
ClientSampleId :

PB95965BS

Tot Ion:	146	Resp:	701166
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	44.4	36.2	54.4

Manual Integrations
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1/16/2017 12:00:44 PM



#14

1,2-Dichlorobenzene

Concen: 41.14 ng

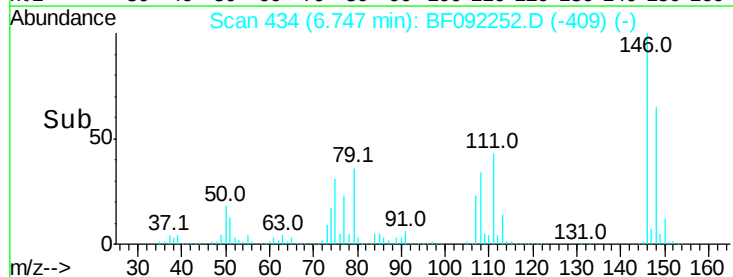
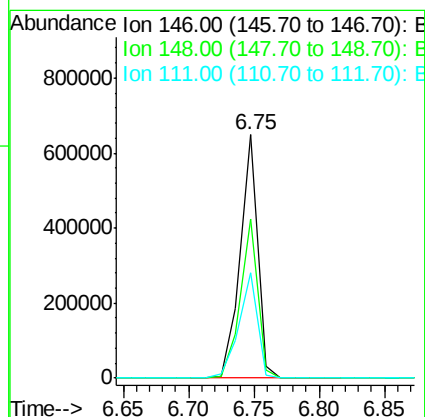
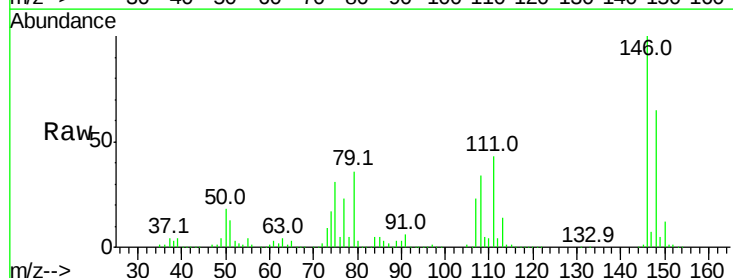
RT: 6.75 min Scan# 434

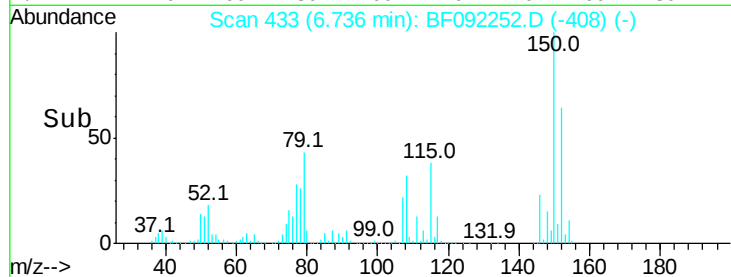
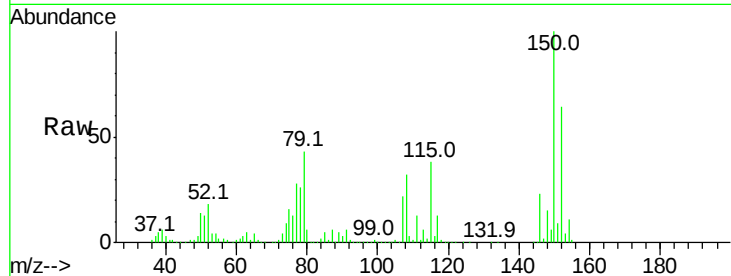
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	146	Resp:	597863
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.2	78.2
111	43.5	36.2	54.2





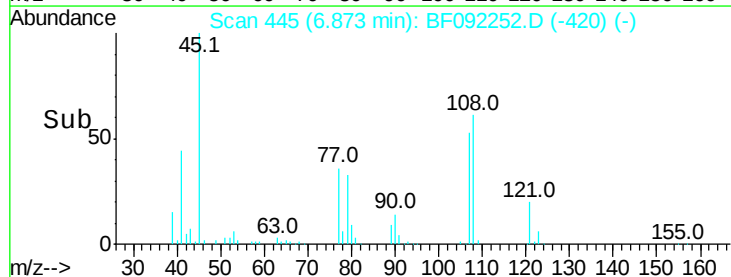
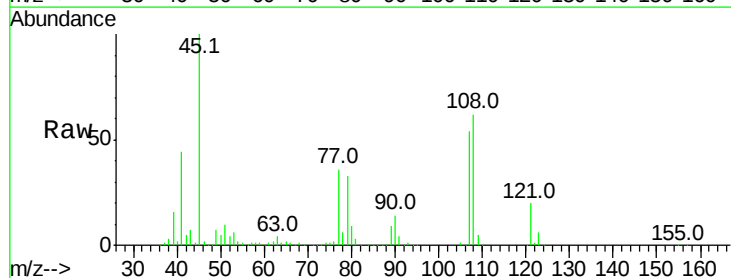
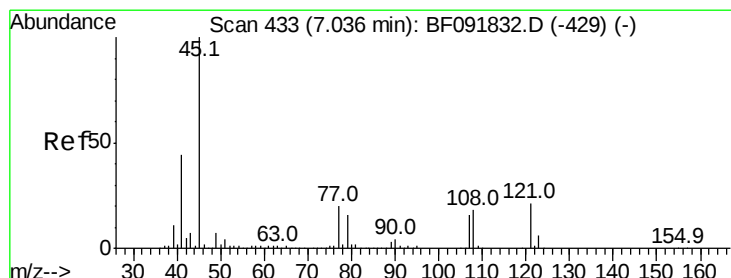
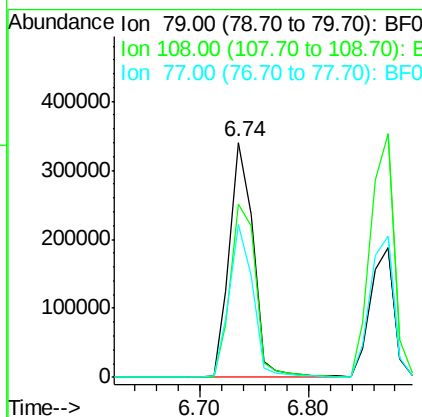
#15
Benzyl Alcohol
Concen: 40.35 ng
RT: 6.74 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.7	61.4	92.0	
77	65.1	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
PB95965BS

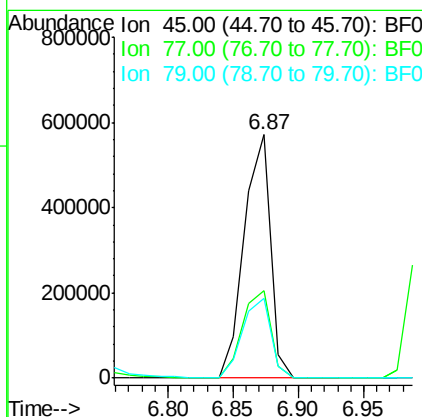
Manual Integrations
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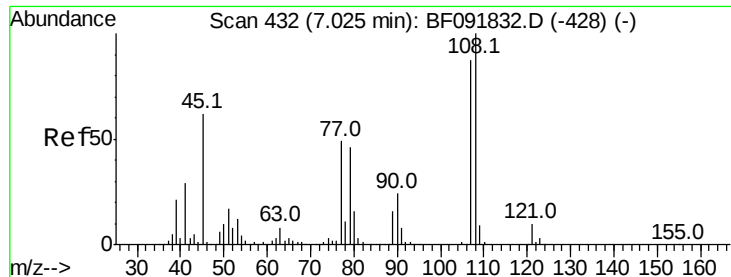
Sohil
1/16/2017 12:00:44 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.84 ng
RT: 6.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	35.9	0.0	34.6#	
79	33.0	0.0	31.2#	





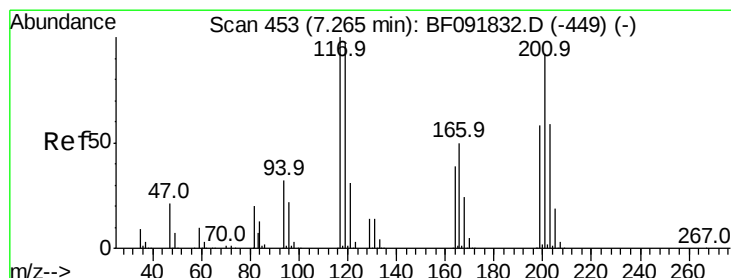
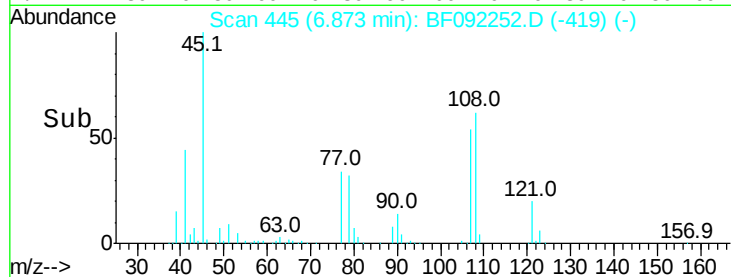
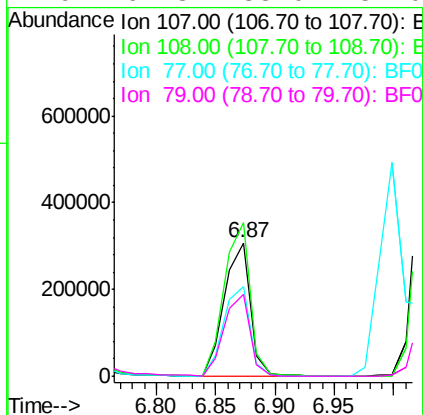
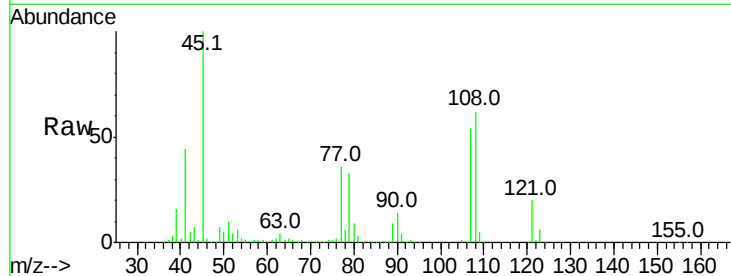
#17
2-Methylphenol
Concen: 37.73 ng
RT: 6.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.7	93.0	139.6
77	66.8	39.8	59.8#
79	61.3	38.0	57.0#

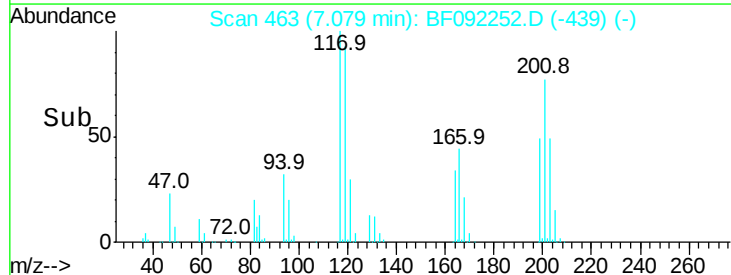
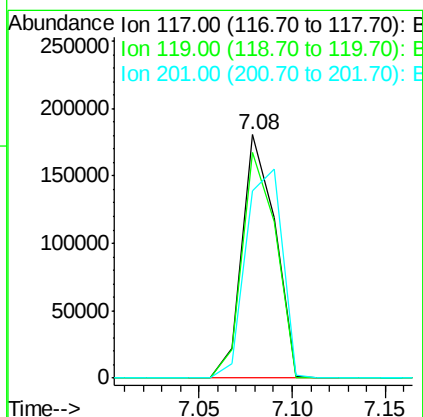
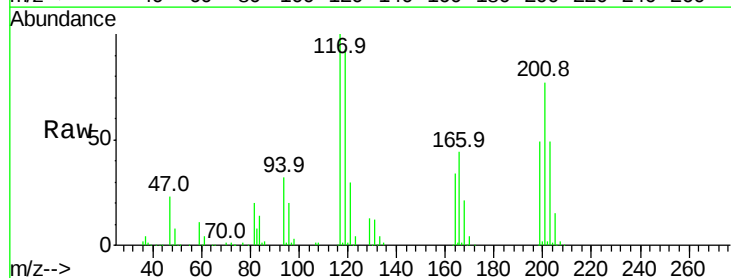
Manual Integrations
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1/16/2017 12:00:44 PM



#18
Hexachloroethane
Concen: 35.63 ng
RT: 7.08 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	92.7	78.1	117.1
201	77.0	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 37.69 ng

RT: 7.01 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF092252.D

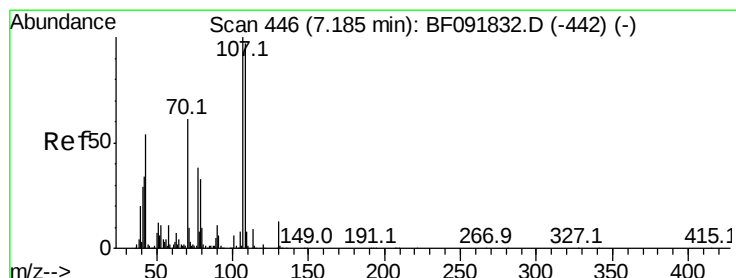
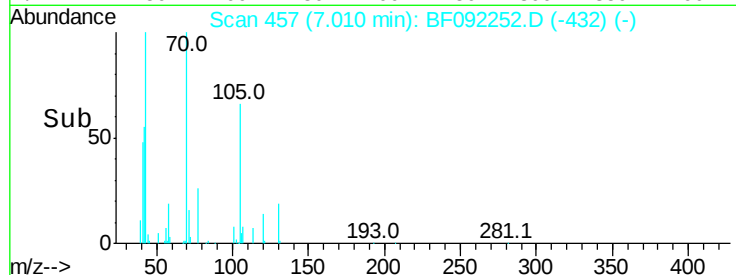
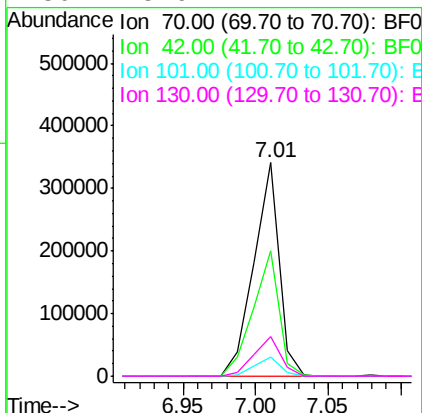
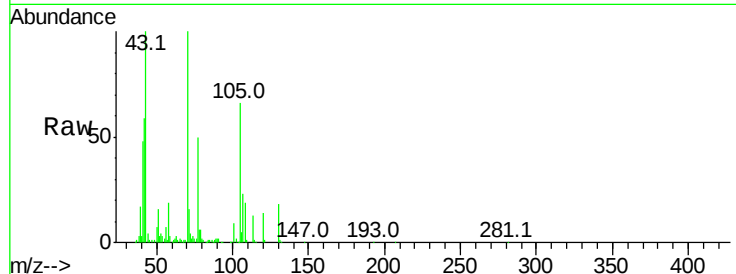
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	49.4	74.0
101	8.9	7.4	11.2
130	18.6	14.2	21.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 43.15 ng

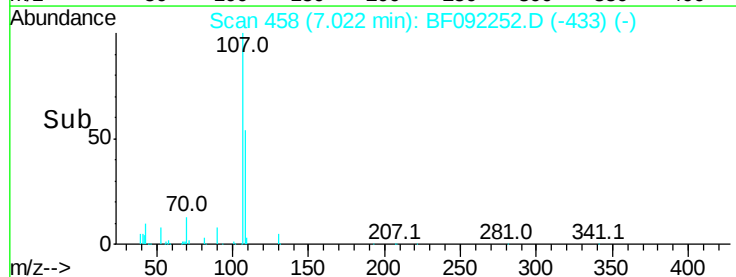
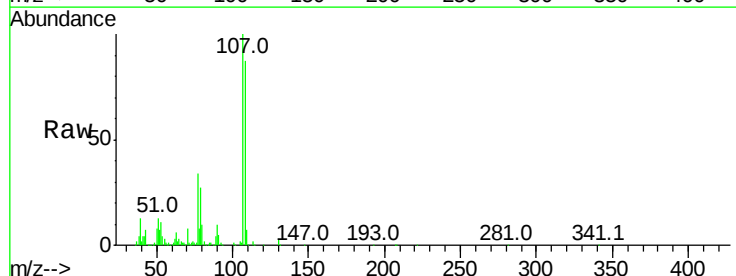
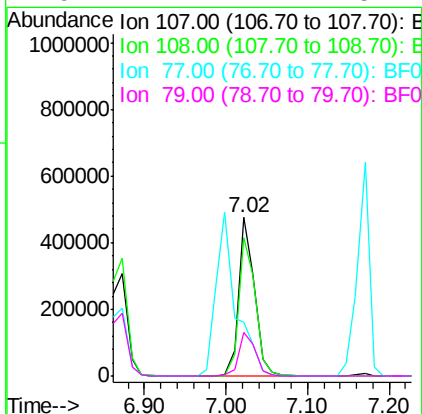
RT: 7.02 min Scan# 458

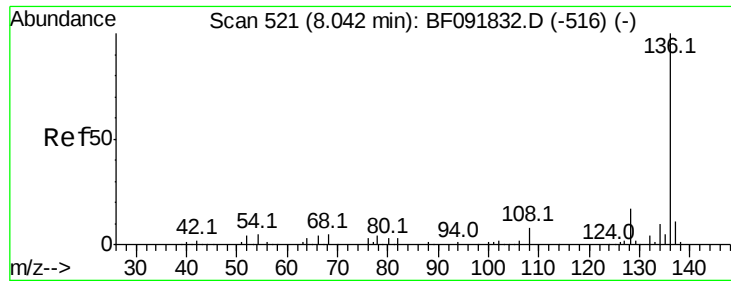
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.0	113.0
77	33.9	71.3	111.3#
79	27.1	11.1	51.1





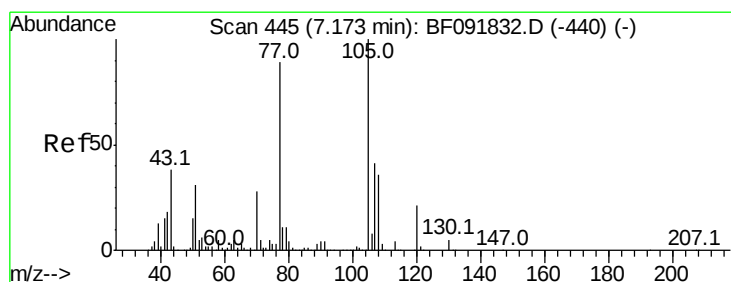
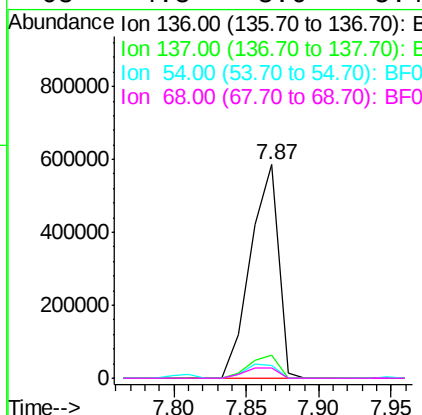
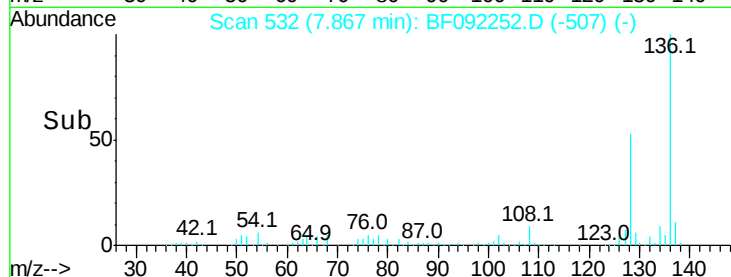
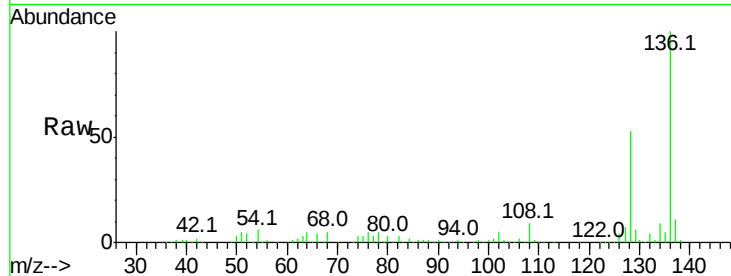
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	782774		
137	10.6		8.4	12.6
54	6.1		4.5	6.7
68	4.8		3.6	5.4

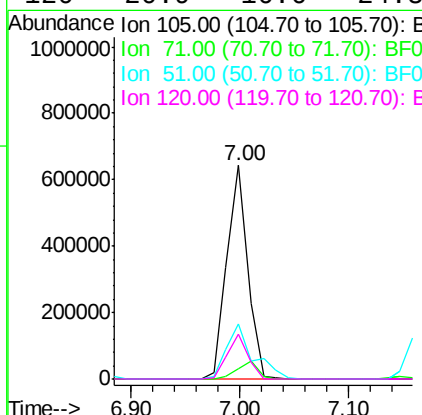
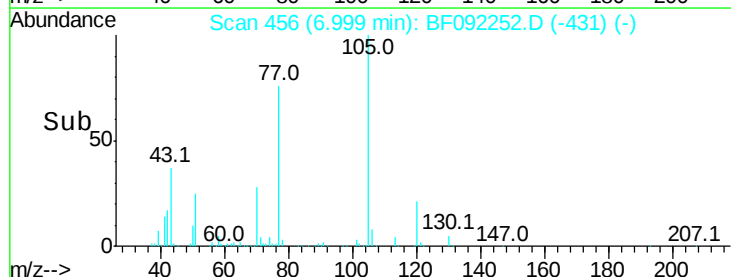
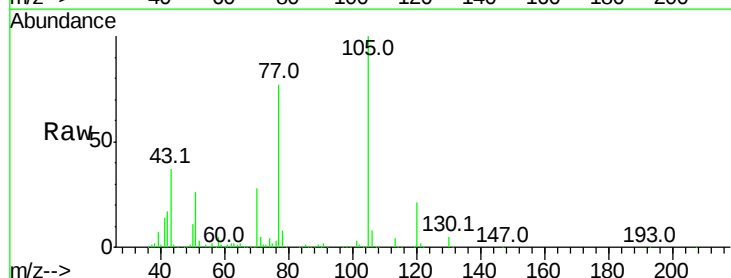
Manual Integrations
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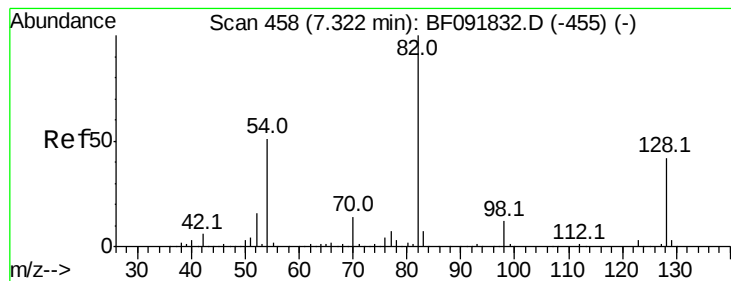
Sohil
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#22
Acetophenone
Concen: 44.03 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	850170		
71	4.5		3.2	4.8
51	25.6		26.2	39.4#
120	20.9		16.6	24.8





#23

Nitrobenzene-d5

Concen: 86.31 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampled :

PB95965BS

Tot Ion: 82 Resp: 1215048

Ion Ratio Lower Upper

82 100

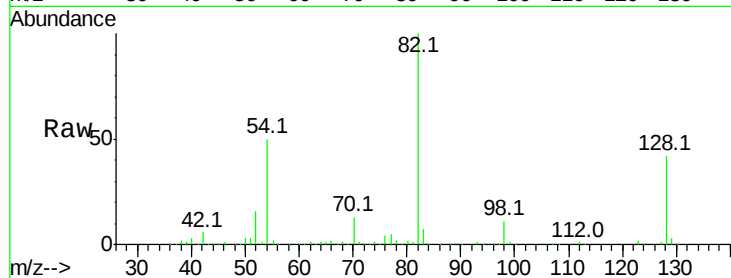
128 41.7 34.6 52.0

54 49.7 39.5 59.3

Manual Integrations
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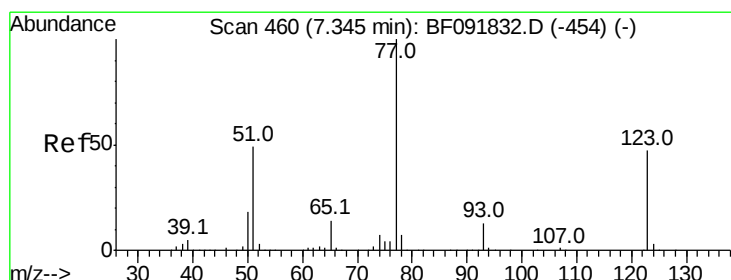
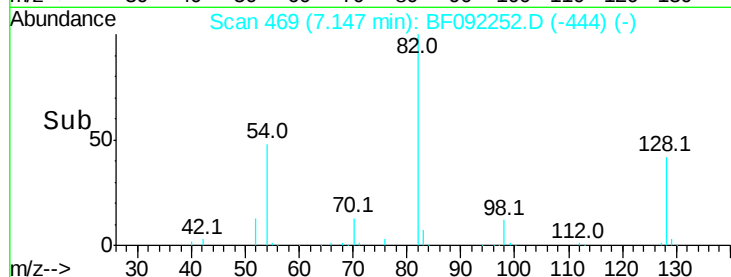
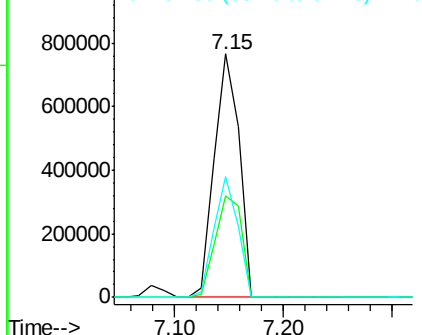
1/16/2017 12:00:44 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.41 ng

RT: 7.17 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

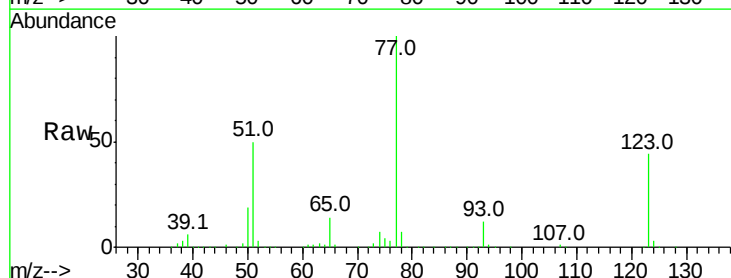
Tgt Ion: 77 Resp: 650928

Ion Ratio Lower Upper

77 100

123 43.7 33.0 49.4

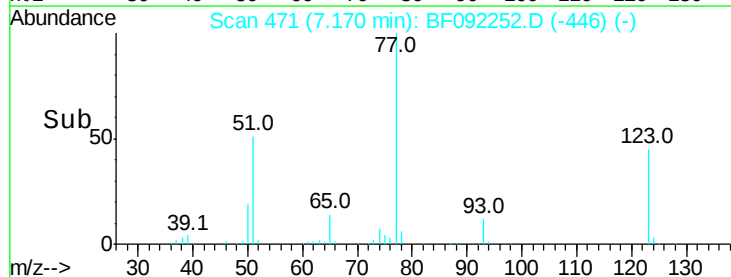
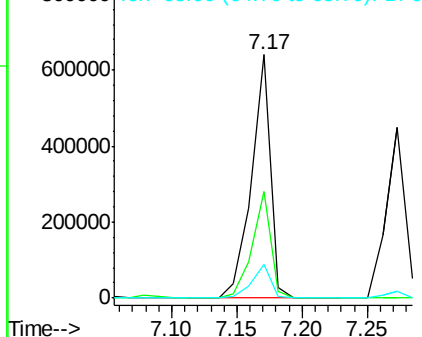
65 13.7 11.2 16.8

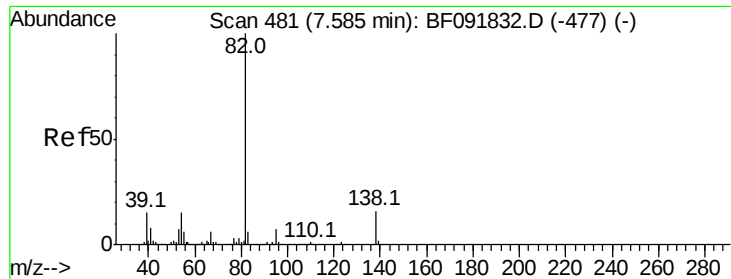


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.97 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion: 82 Resp: 1193961

Ion Ratio Lower Upper

82 100

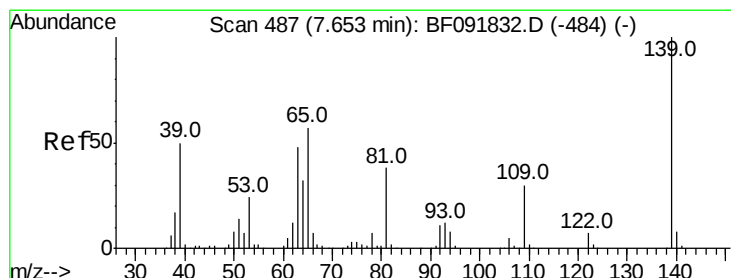
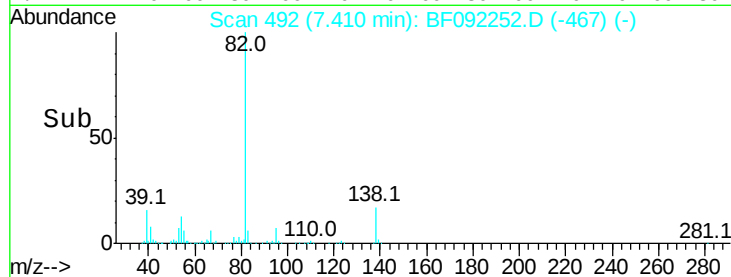
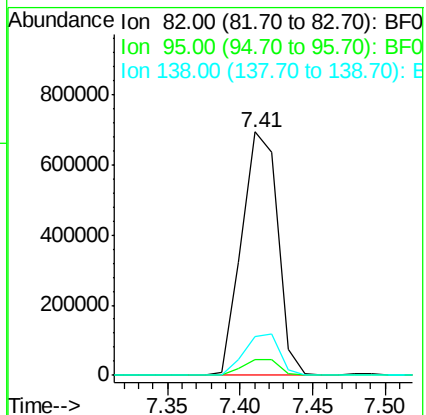
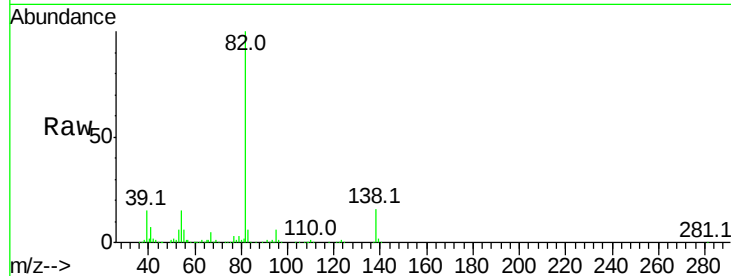
95 6.4 5.6 8.4

138 15.9 14.6 22.0

Manual Integrations
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Sohil

1/16/2017 12:00:44 PM



#26

2-Nitrophenol

Concen: 46.28 ng

RT: 7.49 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

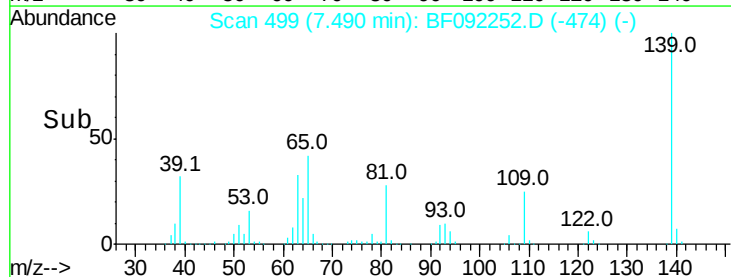
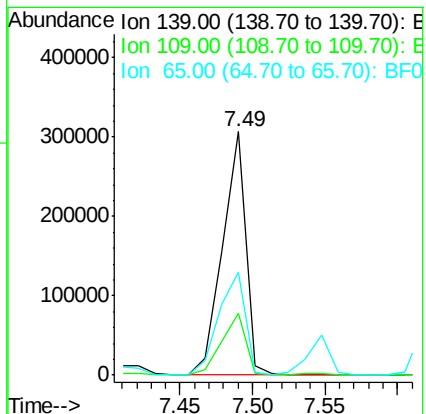
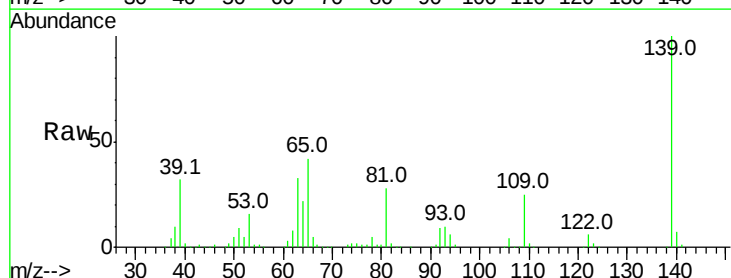
Tgt Ion: 139 Resp: 342196

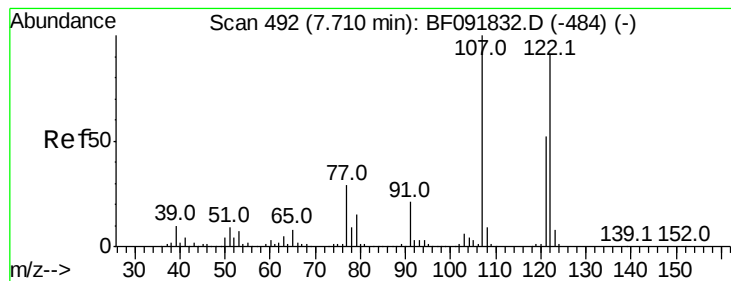
Ion Ratio Lower Upper

139 100

109 25.2 23.3 34.9

65 42.1 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 43.38 ng

RT: 7.55 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

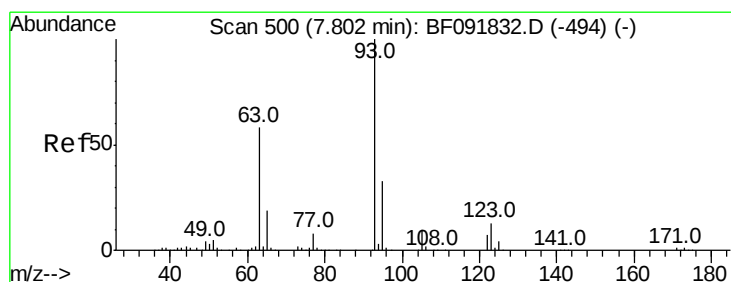
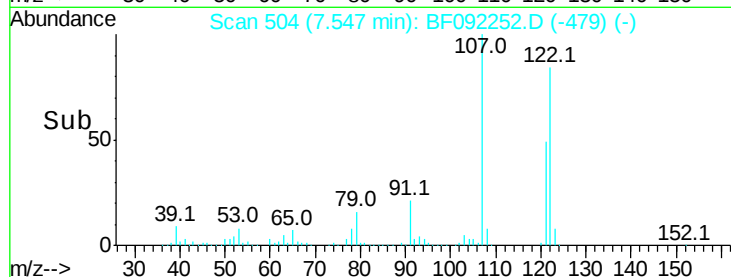
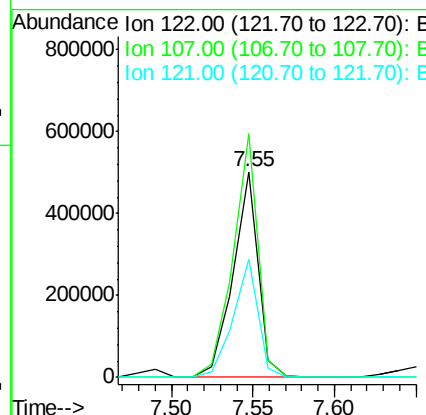
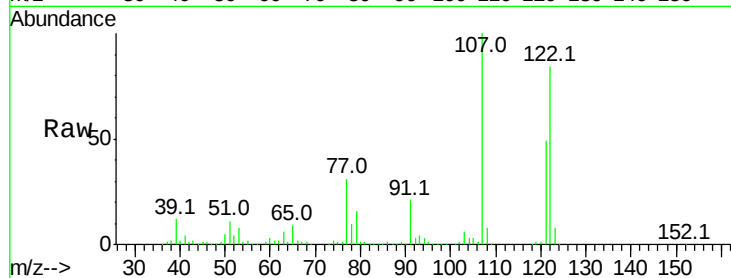
ClientSampleId :

PB95965BS

Tot Ion:	122	Resp:	531978
Ion Ratio	Lower	Upper	
122	100		
107	118.4	94.1	141.1
121	57.7	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 44.52 ng

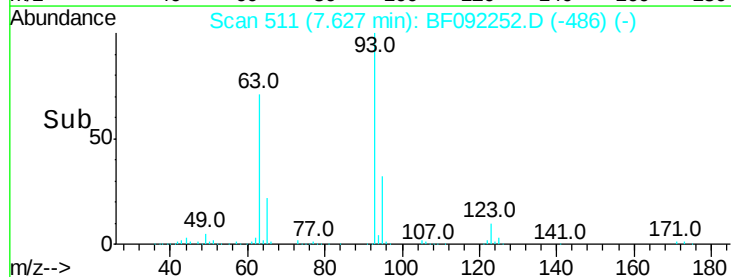
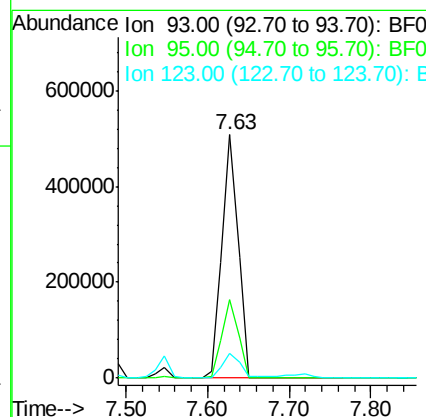
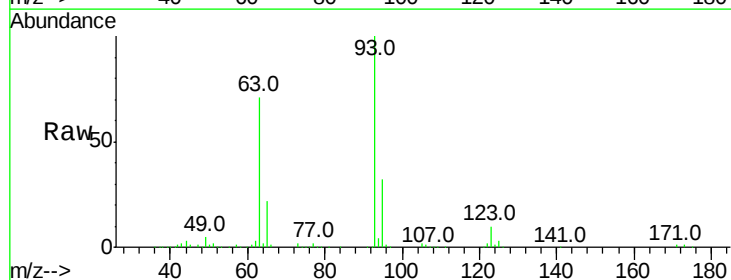
RT: 7.63 min Scan# 511

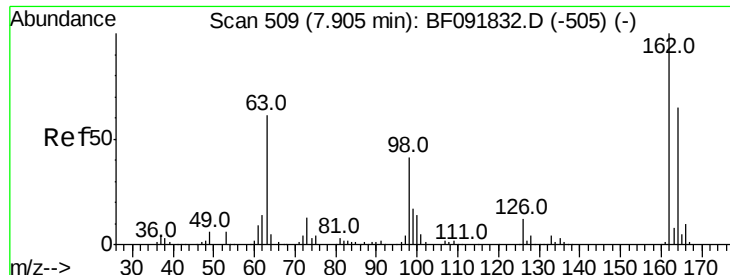
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	93	Resp:	701094
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	10.0	8.6	13.0





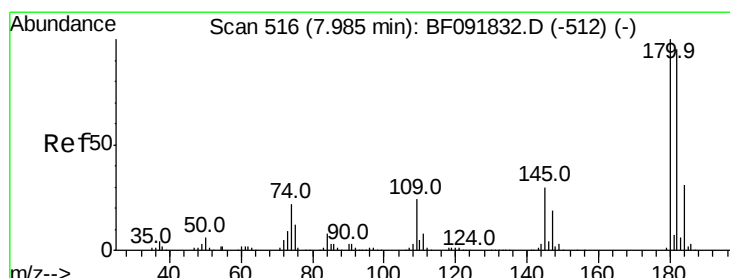
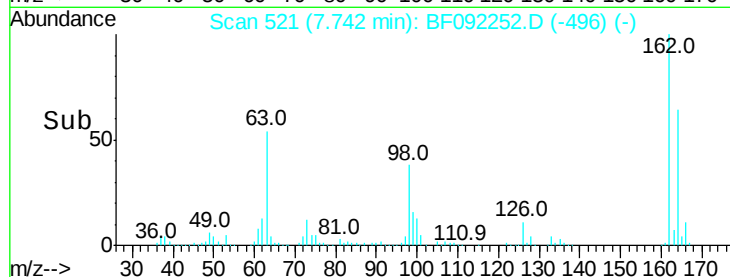
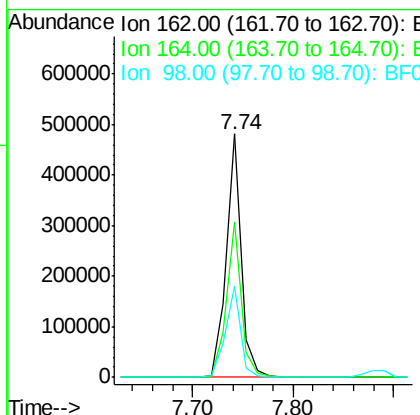
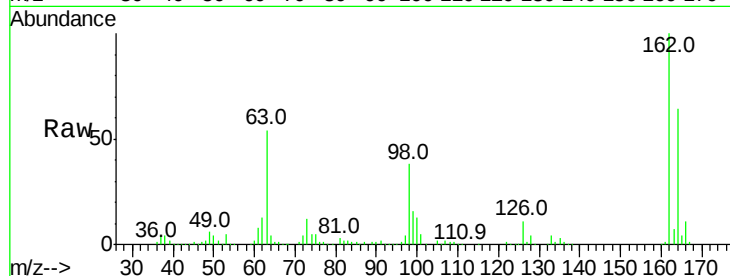
#29
 2,4-Dichlorophenol
 Concen: 47.76 ng
 RT: 7.74 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	496005		
164	63.8	46.8	86.8	
98	37.6	9.1	49.1	

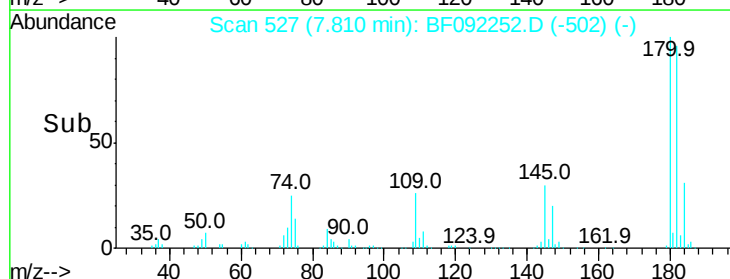
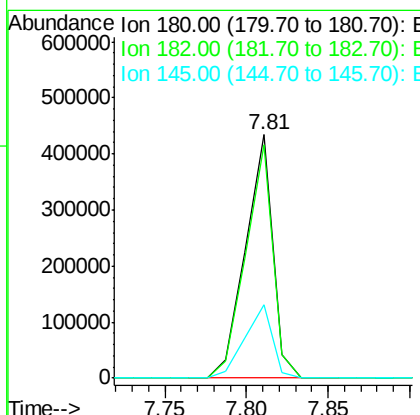
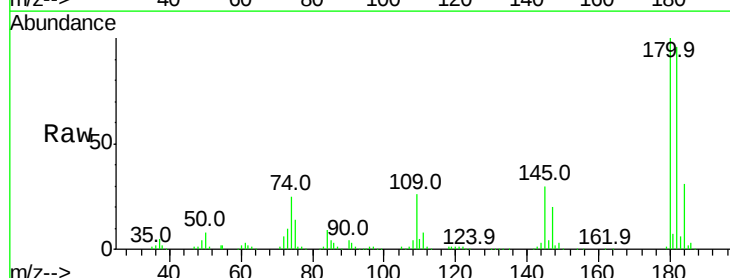
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.22 ng
 RT: 7.81 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	503165		
182	96.1	78.2	117.4	
145	30.3	21.6	32.4	





#31

Naphthalene

Concen: 46.45 ng

RT: 7.89 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:128 Resp: 1663990

Ion Ratio Lower Upper

128 100

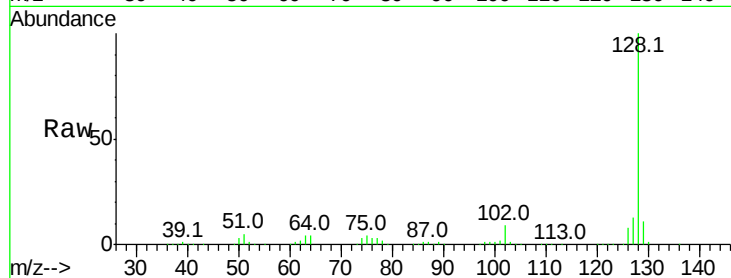
129 11.0 9.5 14.3

127 13.0 10.8 16.2

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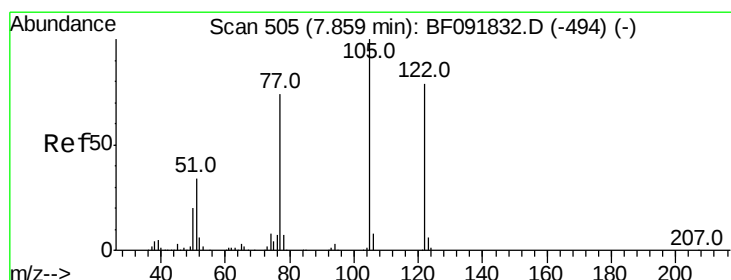
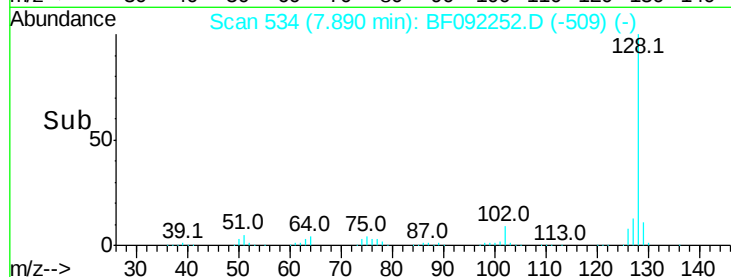
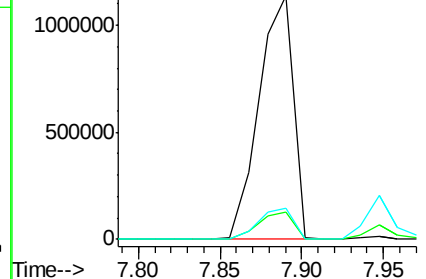
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.41 ng

RT: 7.72 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

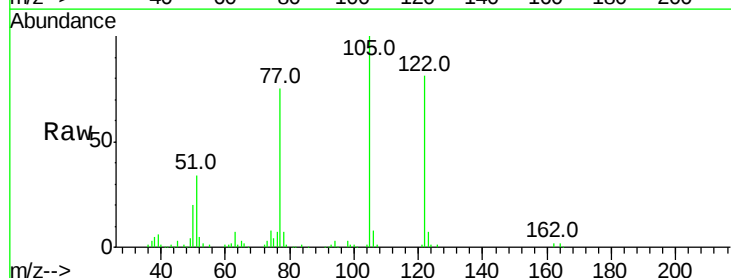
Tgt Ion:122 Resp: 331204

Ion Ratio Lower Upper

122 100

105 123.3 107.2 147.2

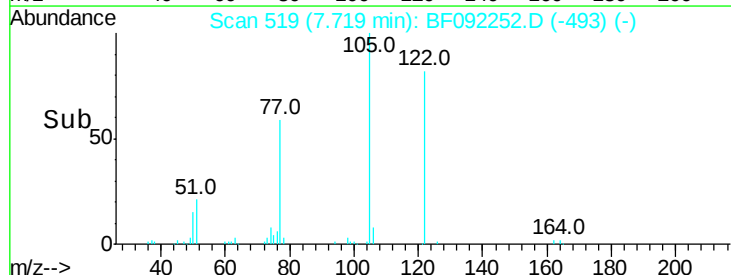
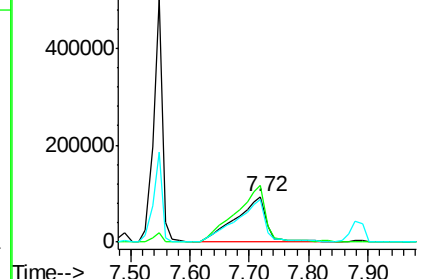
77 92.5 74.5 114.5

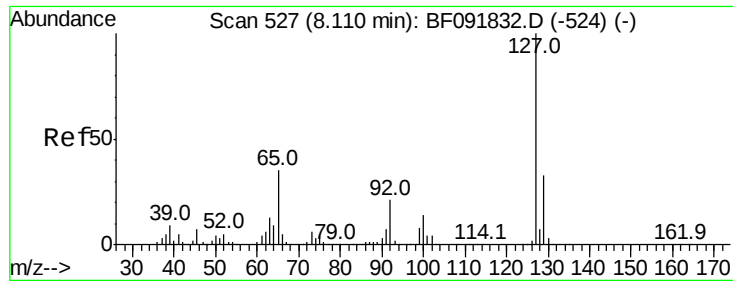


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





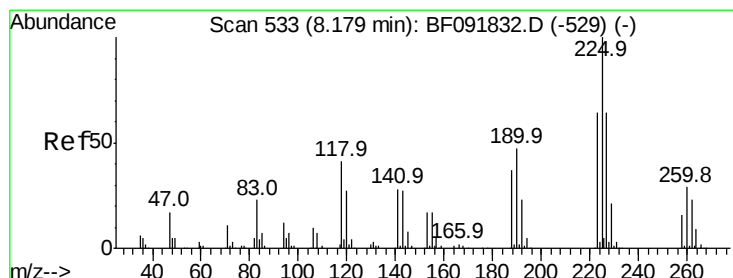
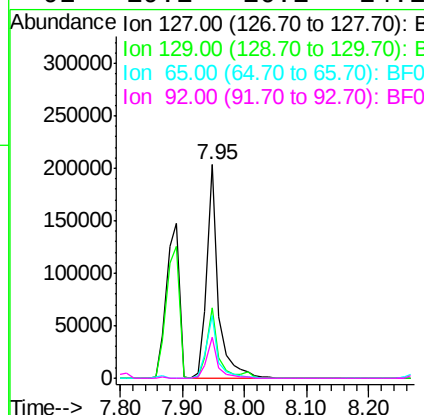
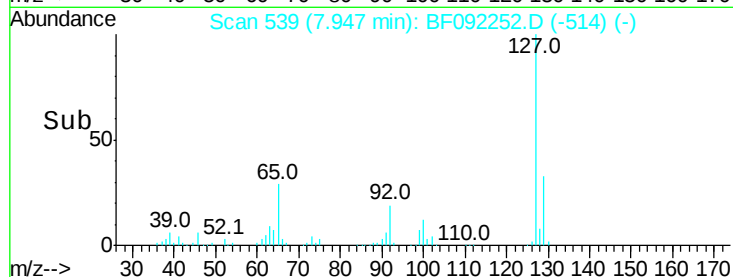
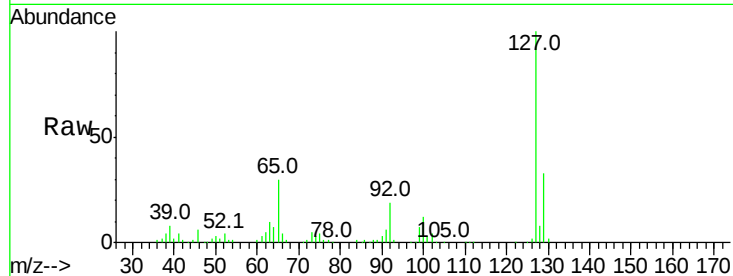
#33
4-Chloroaniline
Concen: 16.41 ng
RT: 7.95 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.3	39.5	
65	29.6	25.8	38.8	
92	19.1	16.1	24.1	

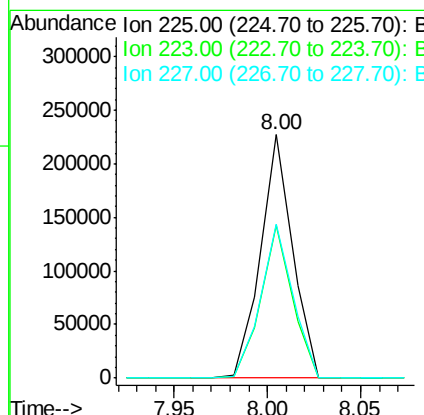
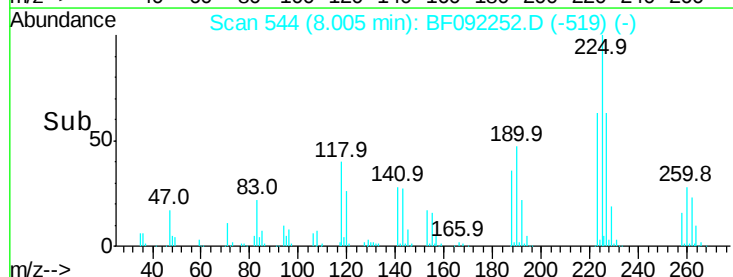
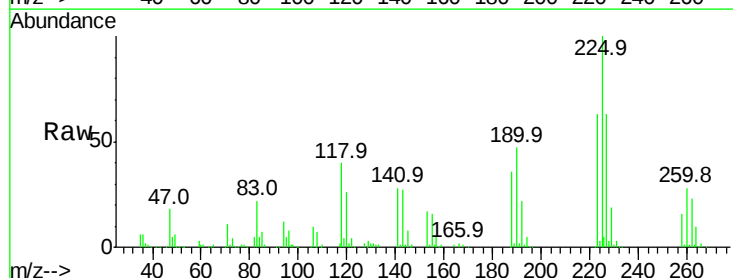
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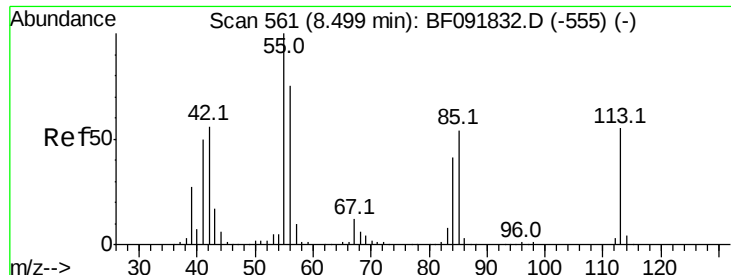
Sohil
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#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 8.00 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.0	76.6	
227	63.4	50.6	76.0	





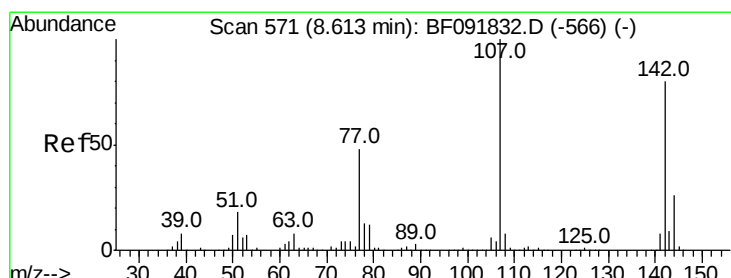
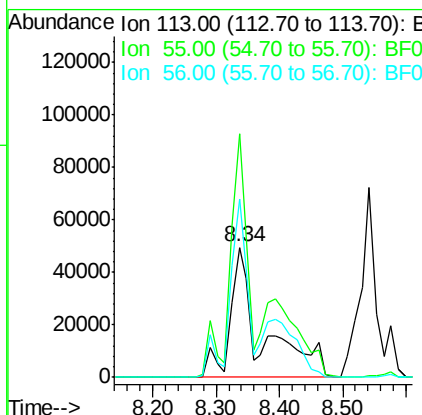
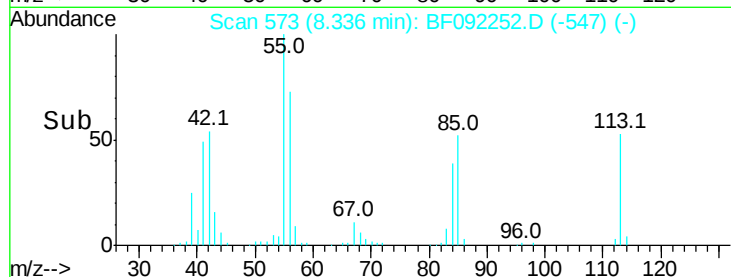
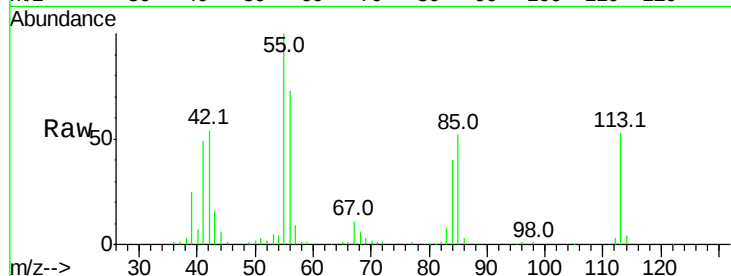
#35
Caprolactam
Concen: 50.64 ng/ml
RT: 8.34 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleID :
PB95965BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	187.3		119.2	159.2	#
56	137.0		83.8	123.8	#

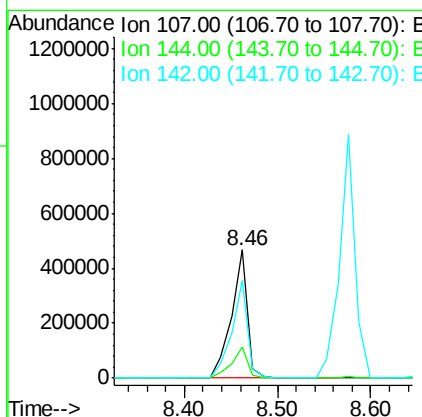
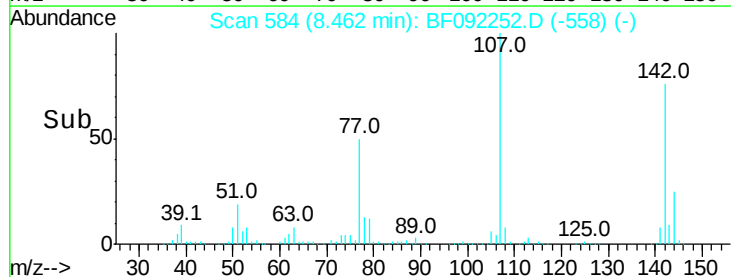
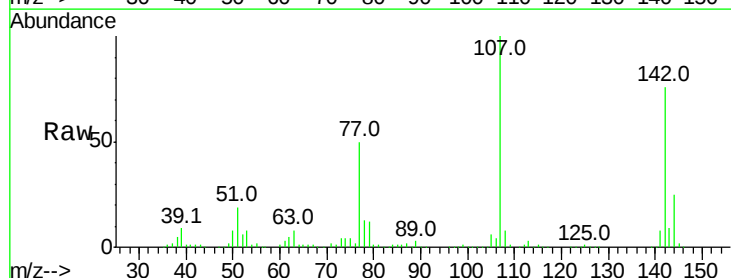
Manual Integrations
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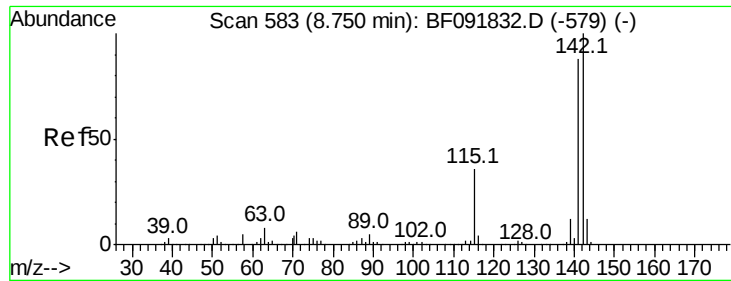
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#36
4-Chloro-3-methylphenol
Concen: 47.13 ng
RT: 8.46 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.7		19.3	28.9	
142	76.3		59.0	88.6	





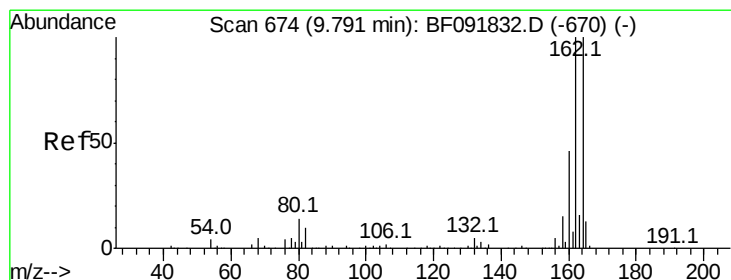
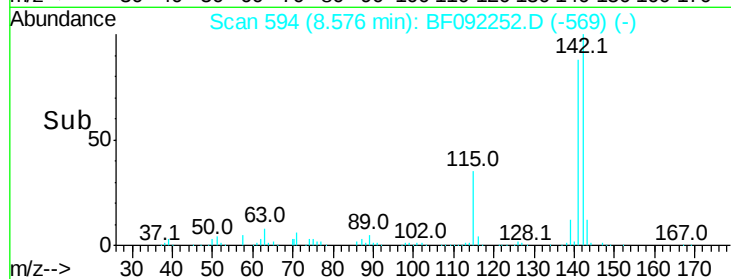
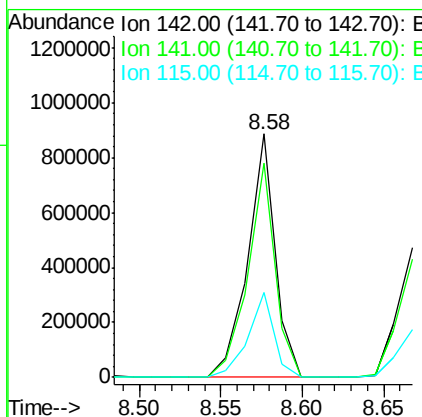
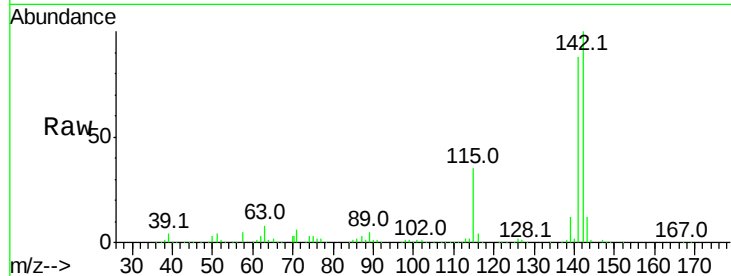
#37
2-Methylnaphthalene
Concen: 49.26 ng
RT: 8.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampled :
PB95965BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	35.1	28.3	42.5

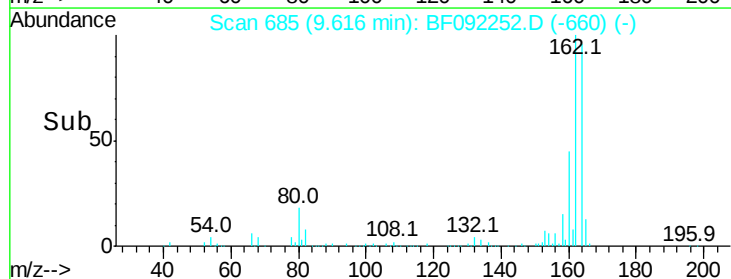
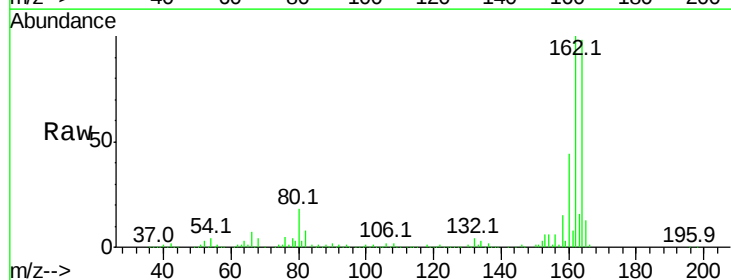
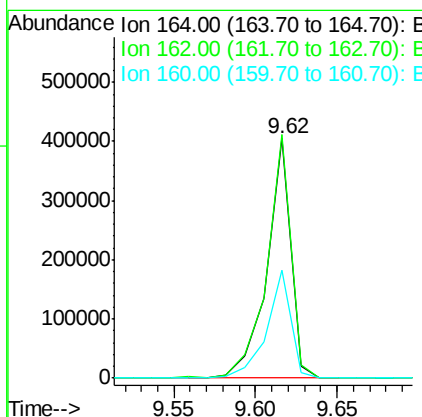
Manual Integrations
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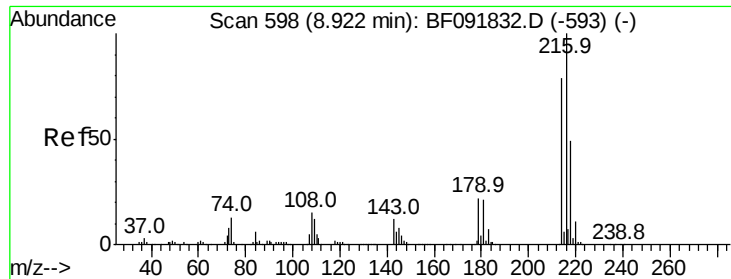
Sohil
1/16/2017 12:00:44 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	45.2	36.9	55.3





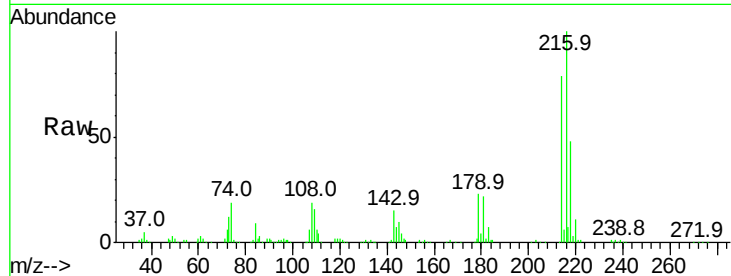
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.94 ng
RT: 8.75 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

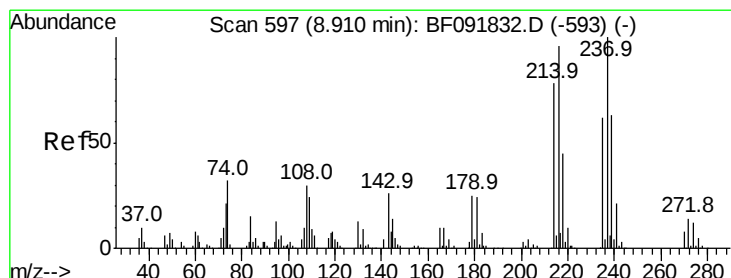
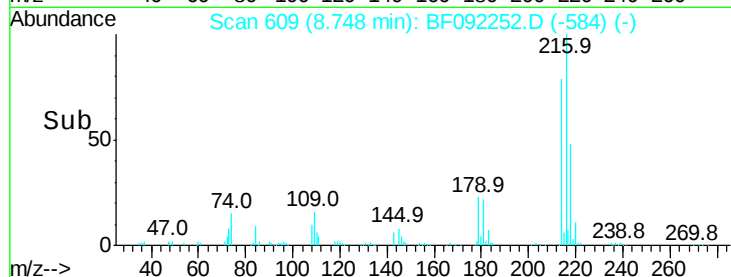
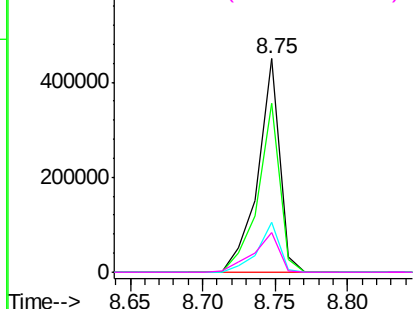
Tot Ion	Ratio	Resp	Lower	Upper
216	100	469955		
214	79.0	63.4	95.0	
179	23.2	17.4	26.2	
108	22.5	15.6	23.4	

Manual Integrations
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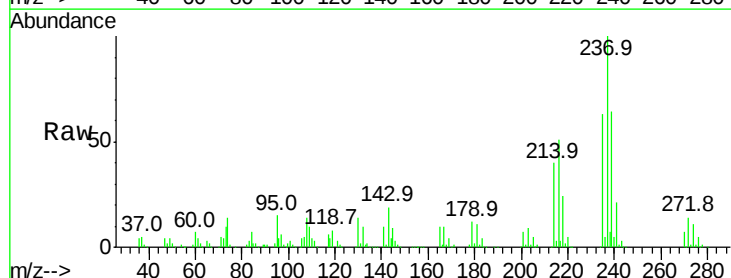


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

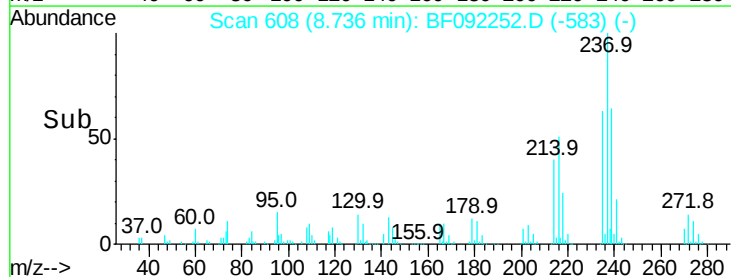
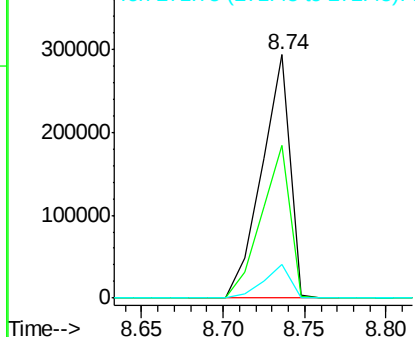


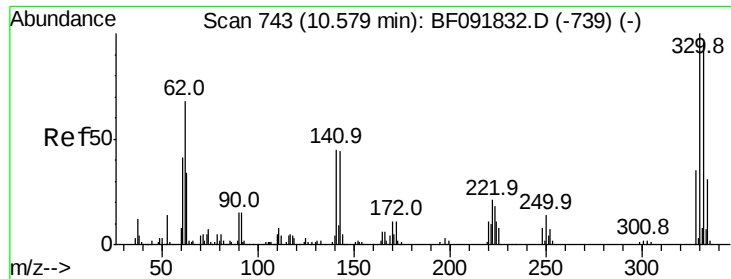
#40
Hexachlorocyclopentadiene
Concen: 76.09 ng
RT: 8.74 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	353400		
235	62.8	41.2	81.2	
272	13.6	0.0	35.4	



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





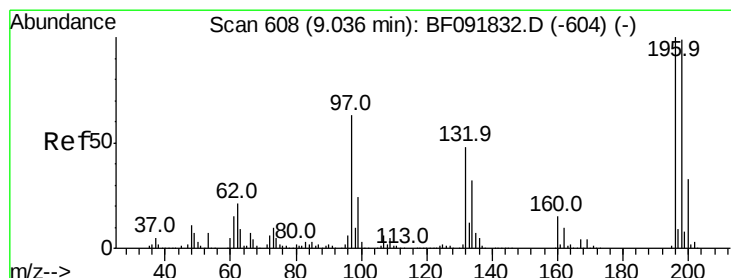
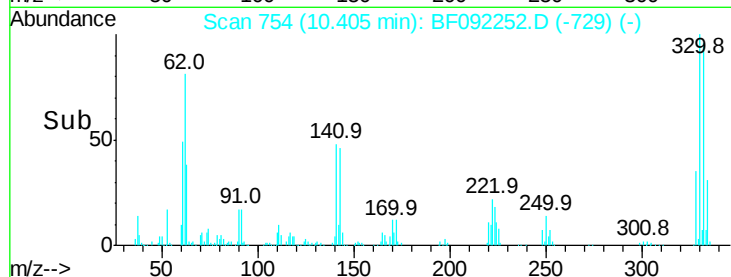
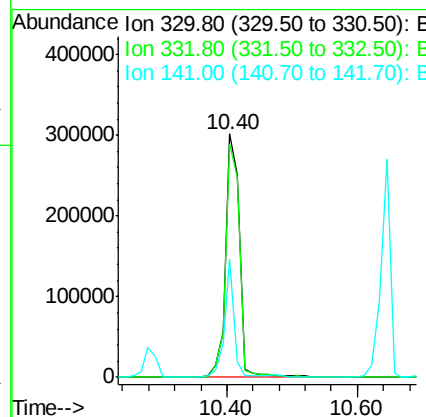
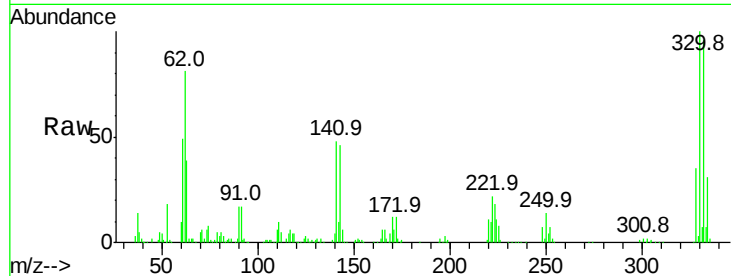
#41
 2,4,6-Tribromophenol
 Concen: 132.18 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	452770		
332	97.5		77.4	116.2
141	34.0		34.1	51.1#

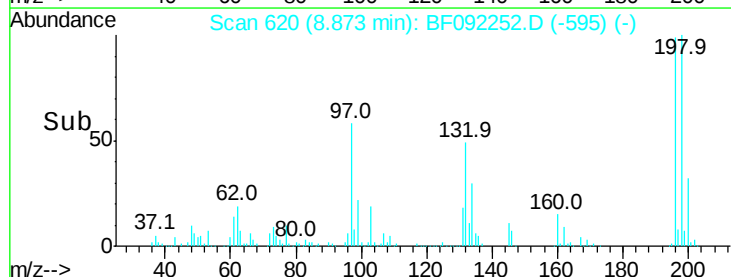
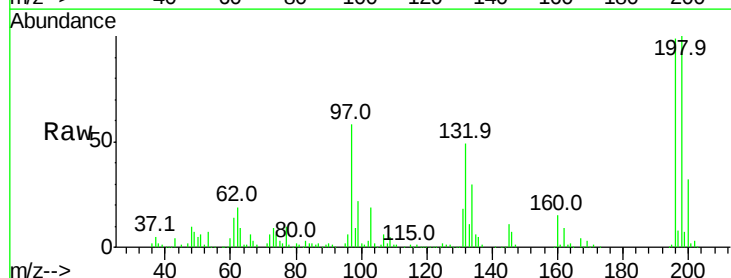
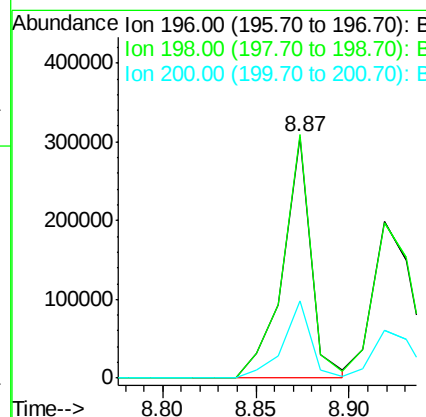
Manual Integrations
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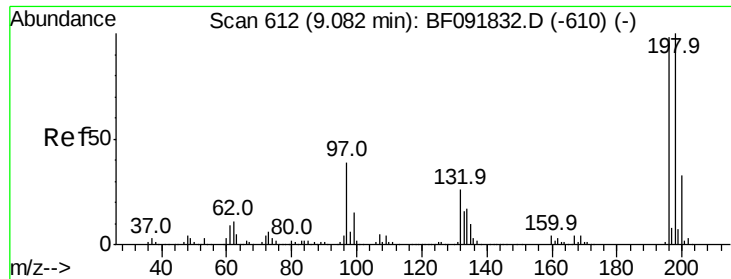
Sohil
 1/16/2017 12:00:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323680		
198	101.0		82.1	123.1
200	32.2		27.0	40.4





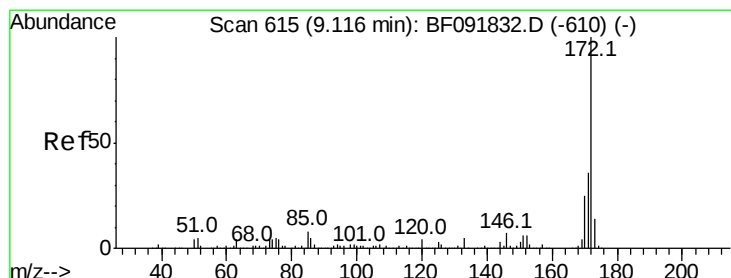
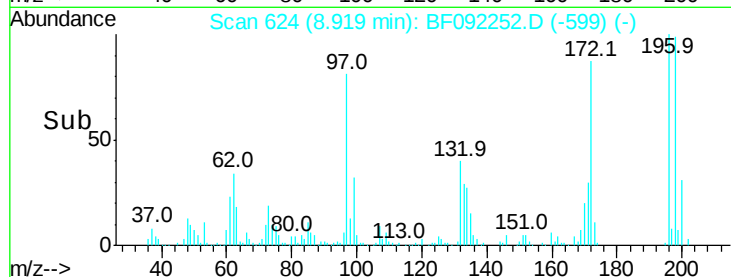
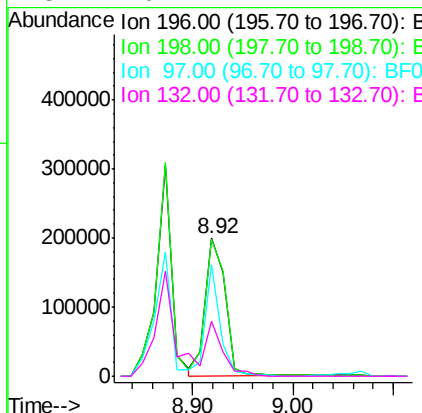
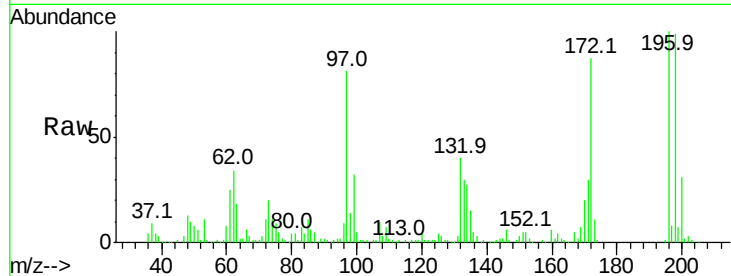
#43
 2,4,5-Trichlorophenol
 Concen: 36.91 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277769		
198	99.0	79.4	119.2	
97	81.2	51.5	77.3	
132	40.4	27.4	41.2	

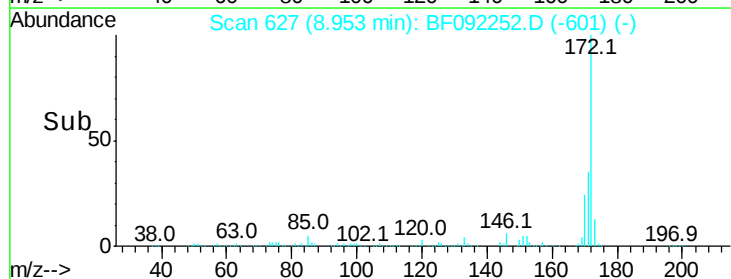
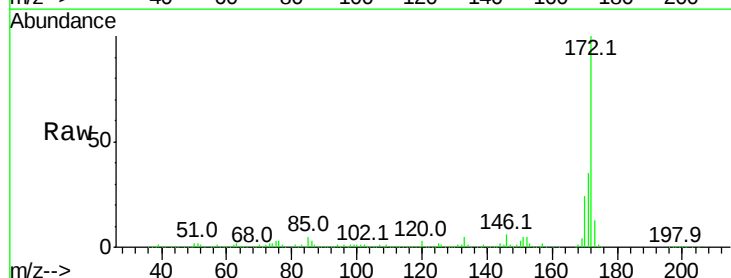
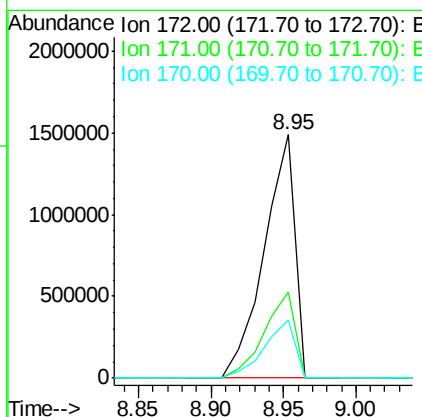
Manual Integrations
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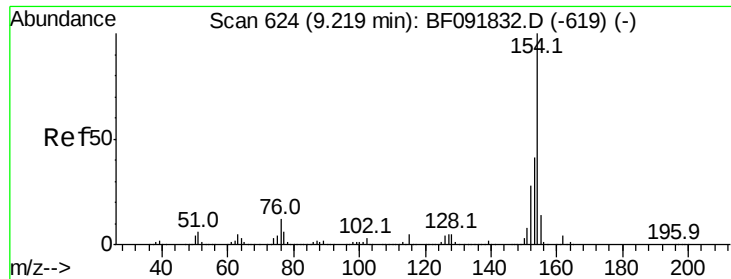
Sohil
 1/16/2017 12:00:44 PM



#44
 2-Fluorobiphenyl
 Concen: 112.09 ng
 RT: 8.95 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2181378		
171	35.3	29.4	44.0	
170	24.0	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 46.26 ng

RT: 9.04 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:154 Resp: 1310947

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

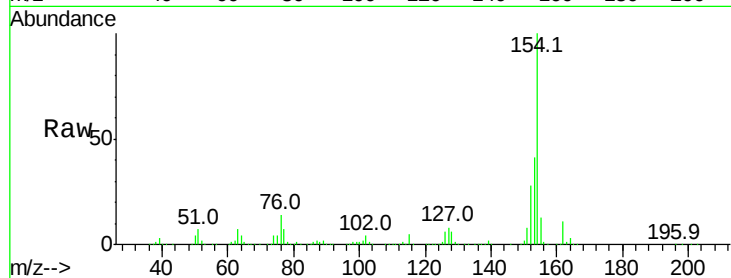
76 14.1 0.0 30.5

Manual Integrations

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Sohil

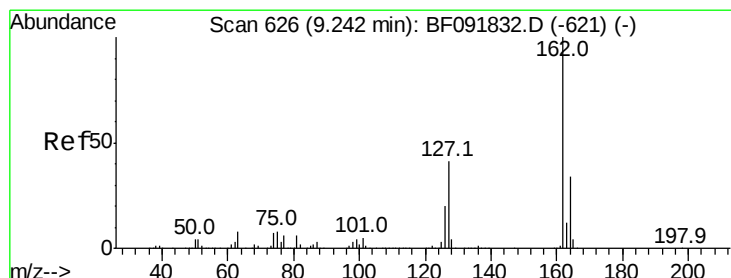
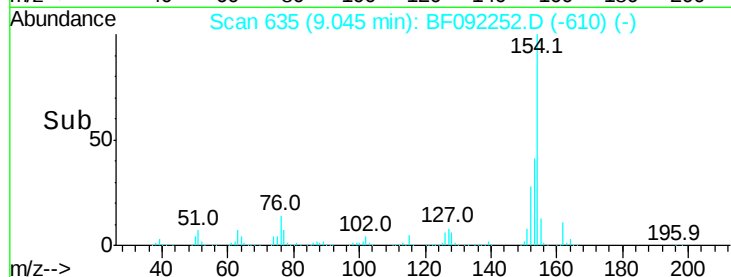
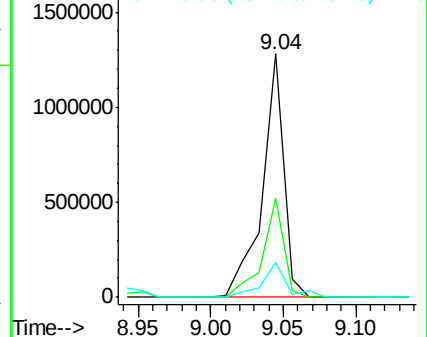
1/16/2017 12:00:44 PM



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: 45.74 ng

RT: 9.07 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

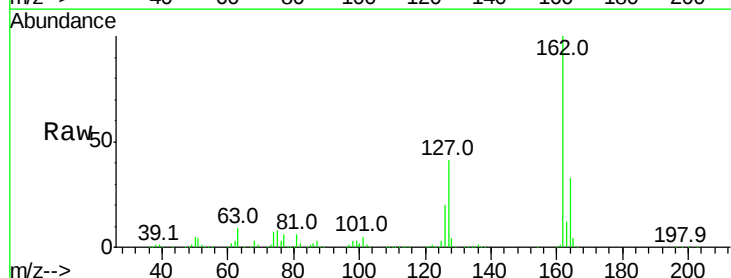
Tgt Ion:162 Resp: 1026644

Ion Ratio Lower Upper

162 100

127 40.9 30.7 46.1

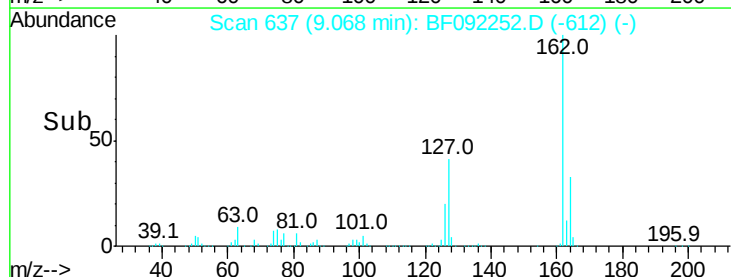
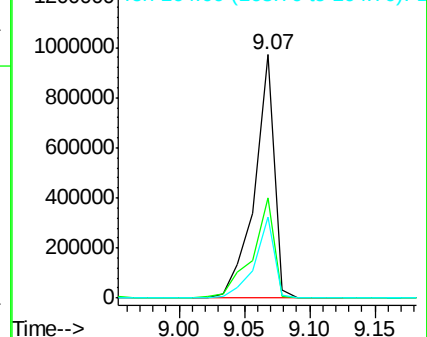
164 33.3 27.6 41.4

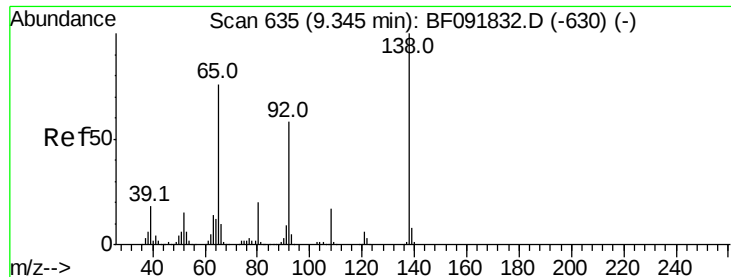


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.14 ng

RT: 9.17 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

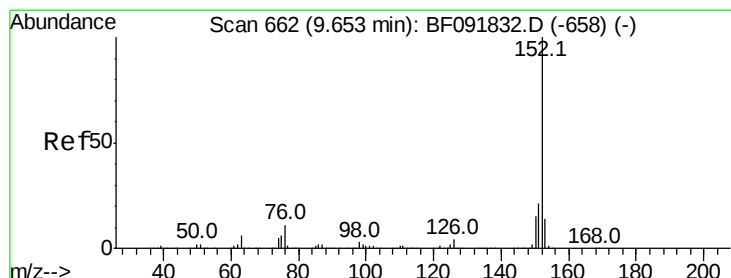
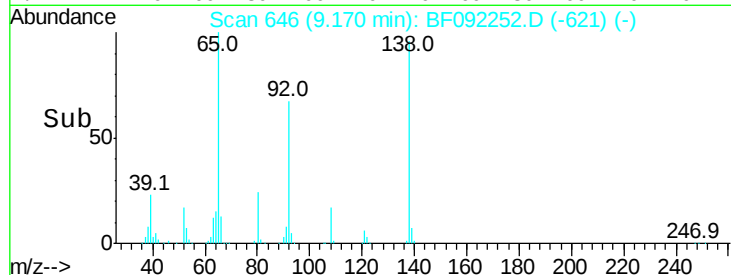
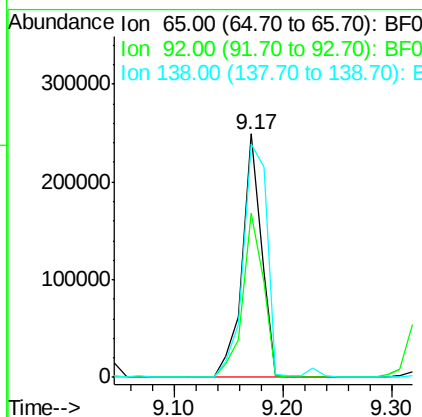
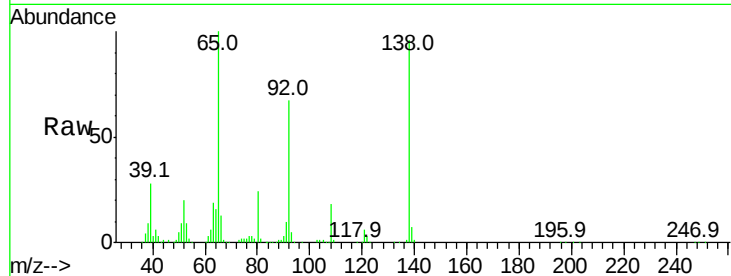
ClientSampleId :

PB95965BS

Tot Ion:	65	Resp:	304798
Ion Ratio	Lower	Upper	
65	100		
92	67.3	53.9	80.9
138	96.0	76.8	115.2

Manual Integrations
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Sohil
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#48

Acenaphthylene

Concen: 44.40 ng

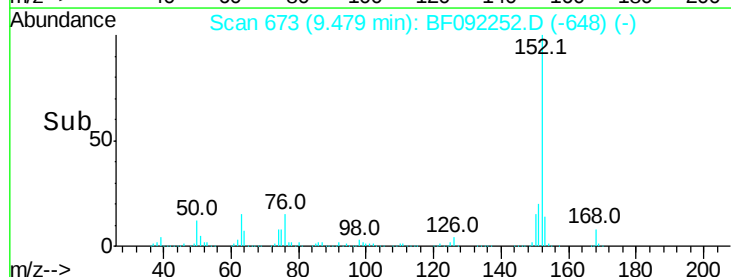
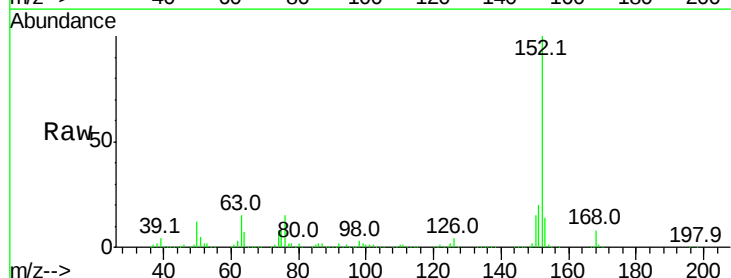
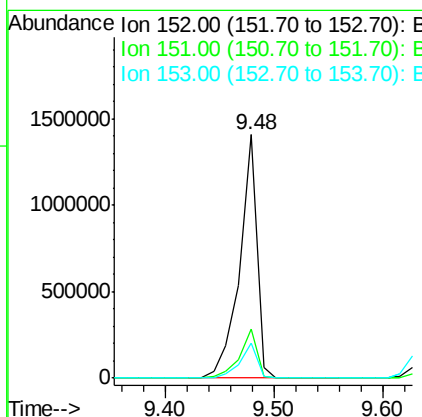
RT: 9.48 min Scan# 673

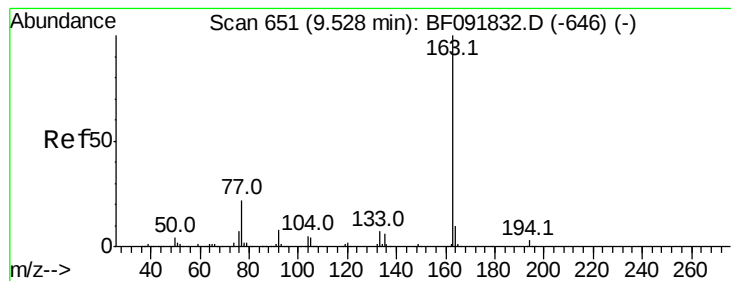
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	152	Resp:	1532598
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.9	25.3
153	14.2	11.4	17.2





#49

Dimethylphthalate

Concen: 47.55 ng

RT: 9.36 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:163 Resp: 1258758

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

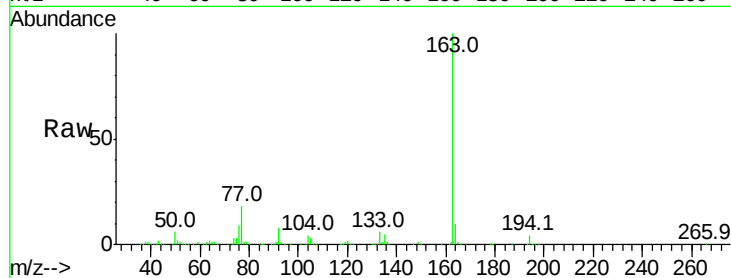
164 10.0 8.0 12.0

Manual Integrations

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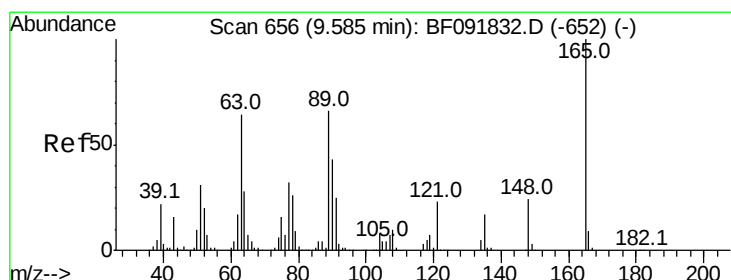
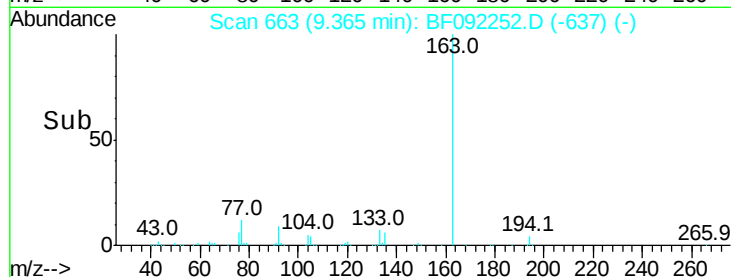
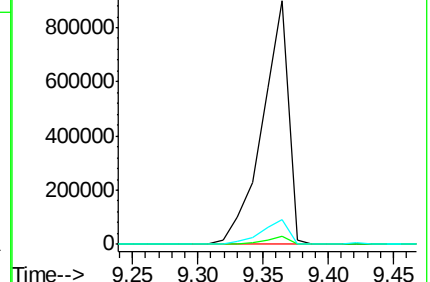
1/16/2017 12:00:44 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.91 ng

RT: 9.42 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

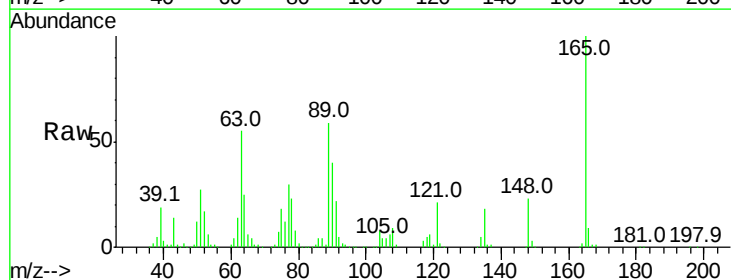
Tgt Ion:165 Resp: 294989

Ion Ratio Lower Upper

165 100

63 55.4 36.2 54.4#

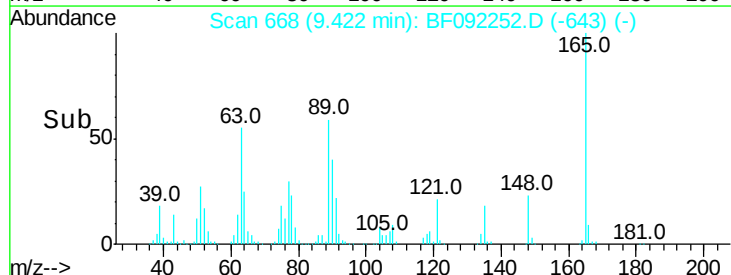
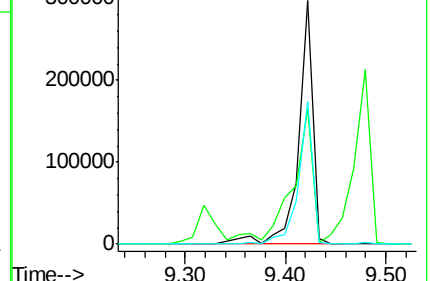
89 58.6 40.2 60.4

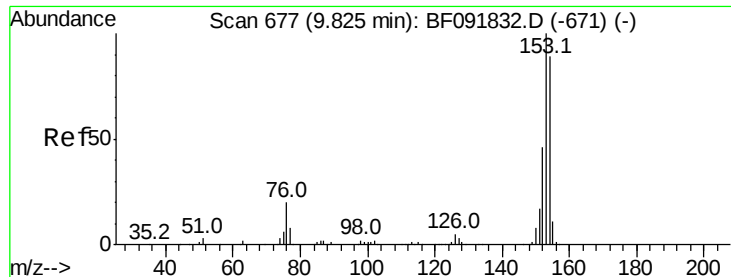


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.42 ng

RT: 9.65 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:154 Resp: 1016076

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

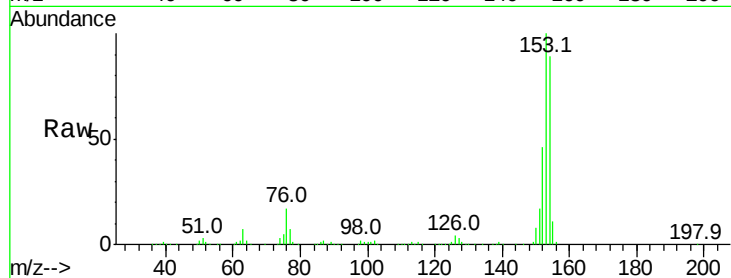
152 51.8 41.6 62.4

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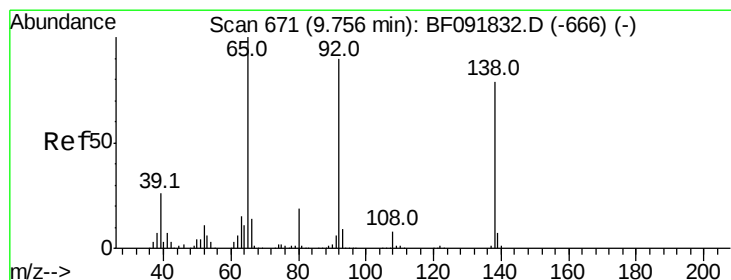
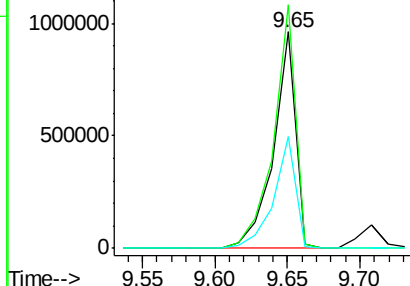
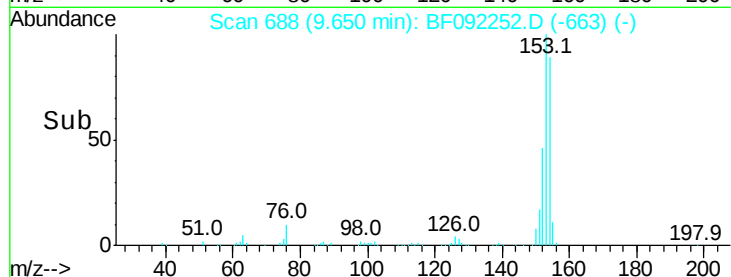
1/16/2017 12:00:44 PM



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: 20.05 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

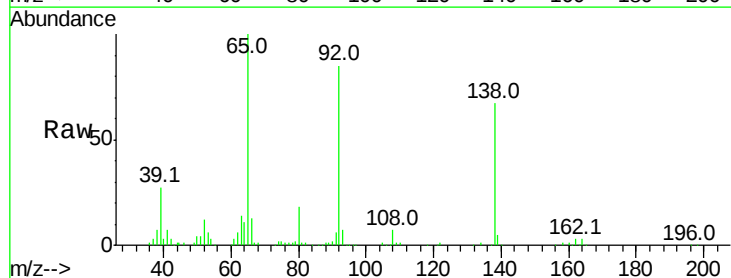
Tgt Ion:138 Resp: 143754

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

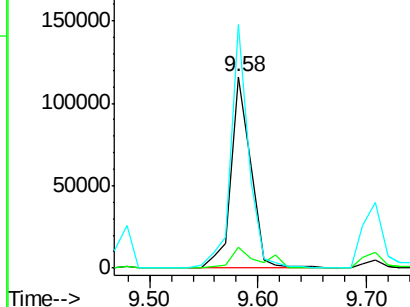
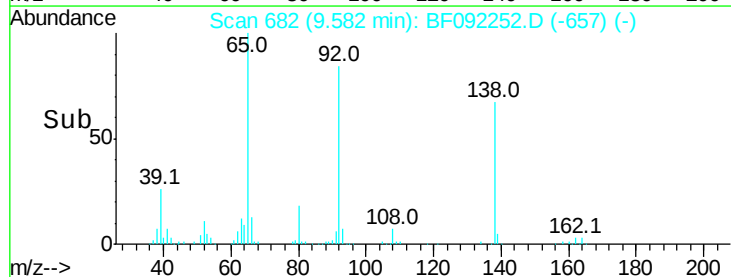
92 127.4 97.8 146.8

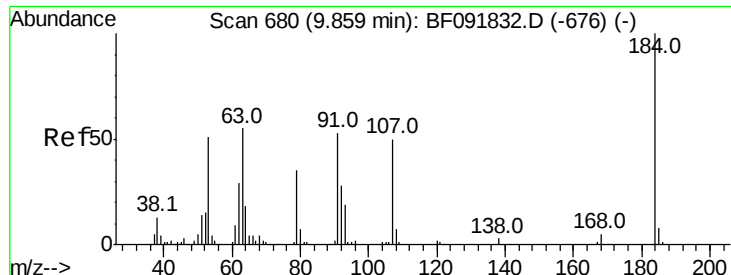


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





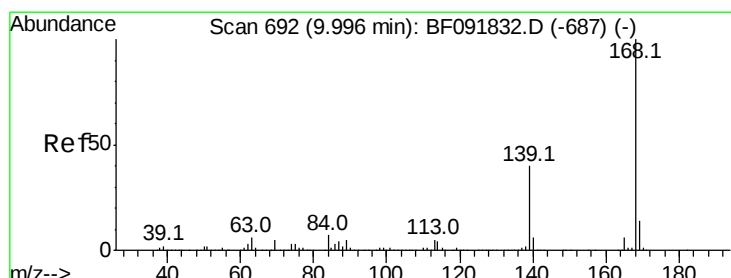
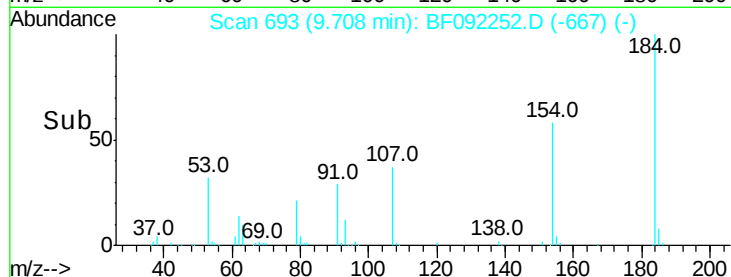
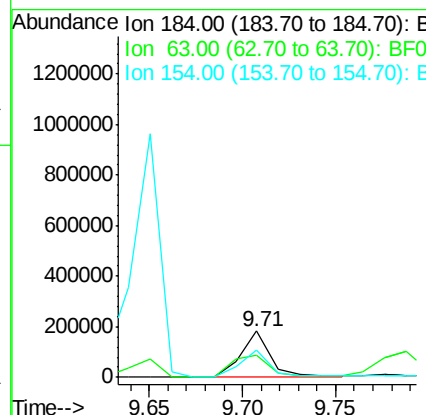
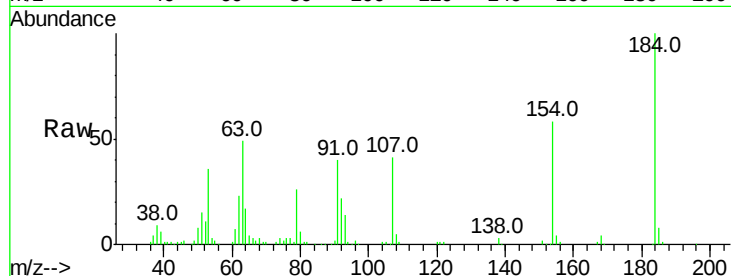
#53
2,4-Dinitrophenol
Concen: 64.81 ng
RT: 9.71 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.0	28.4	42.6	
154	58.3	44.3	66.5	

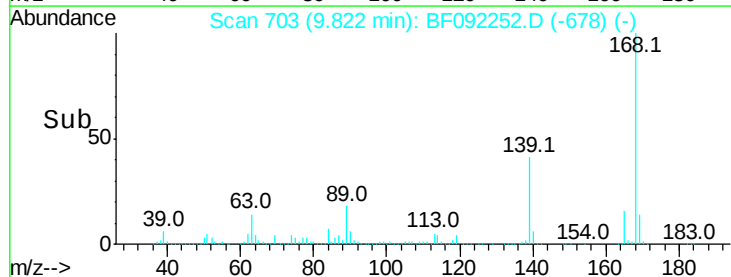
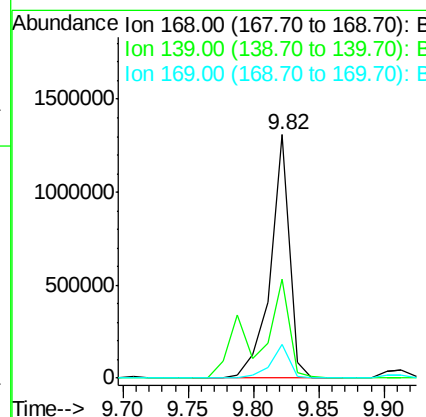
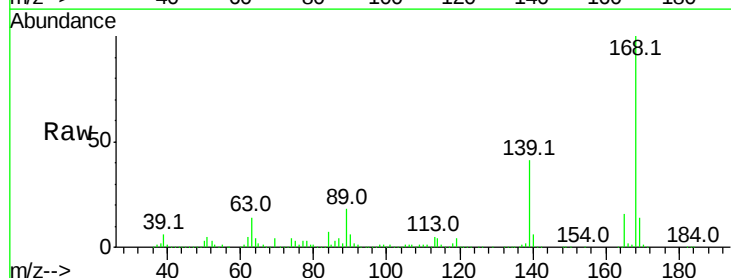
Manual Integrations
APPROVED

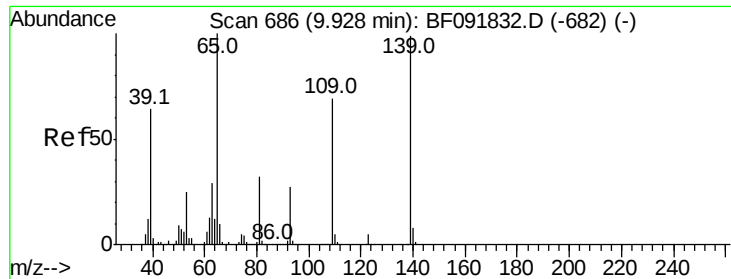
Sohil
1/16/2017 12:00:44 PM



#54
Dibenzofuran
Concen: 42.18 ng
RT: 9.82 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.8	32.6	49.0	
169	13.7	11.3	16.9	





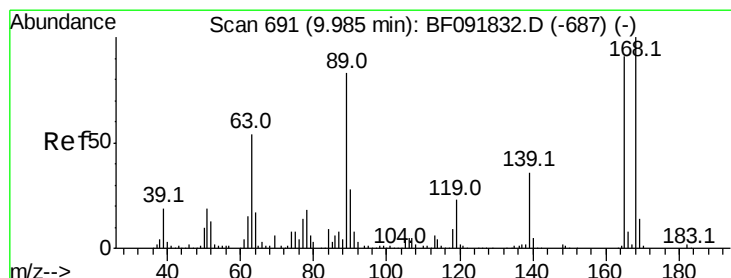
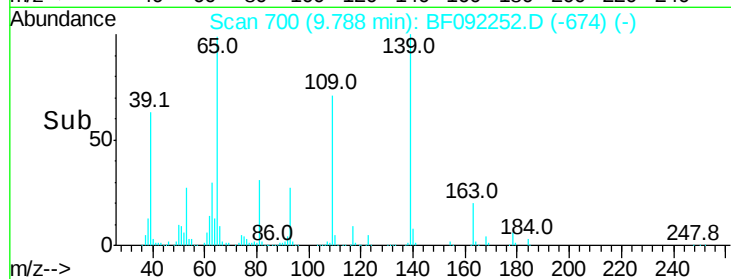
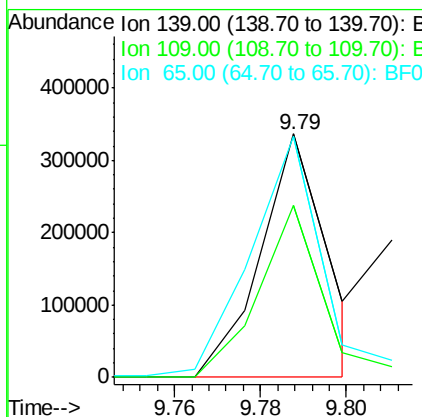
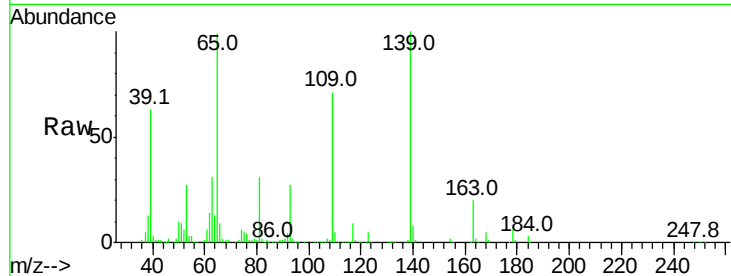
#55
4-Nitrophenol
Concen: 75.28 ng/ml
RT: 9.79 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleID :
PB95965BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.7	52.2	92.2
65	99.0	85.8	125.8

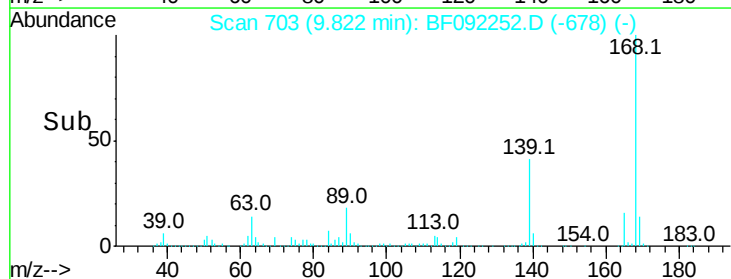
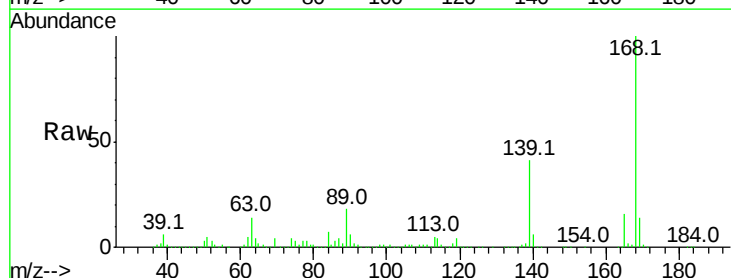
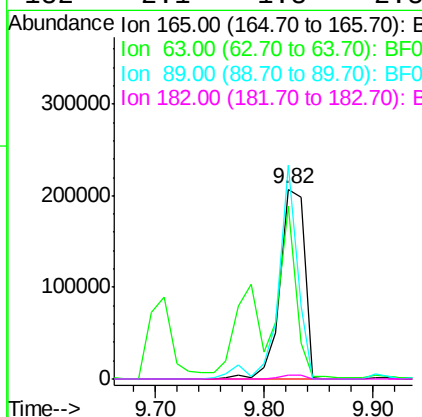
Manual Integrations
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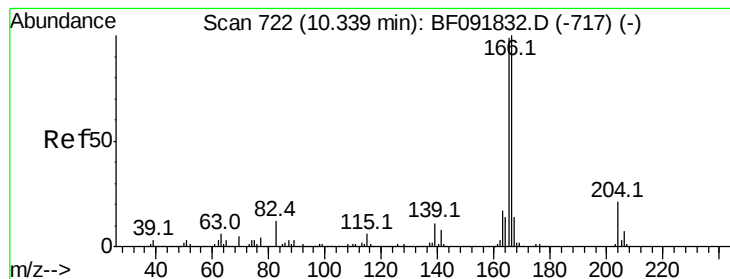
Sohil
1/16/2017 12:00:44 PM



#56
2,4-Dinitrotoluene
Concen: 44.98 ng/ml
RT: 9.82 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	91.0	40.2	60.4#
89	112.5	62.5	93.7#
182	2.1	1.8	2.8





#57

Fluorene

Concen: 48.35 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:166 Resp: 1111615

Ion Ratio Lower Upper

166 100

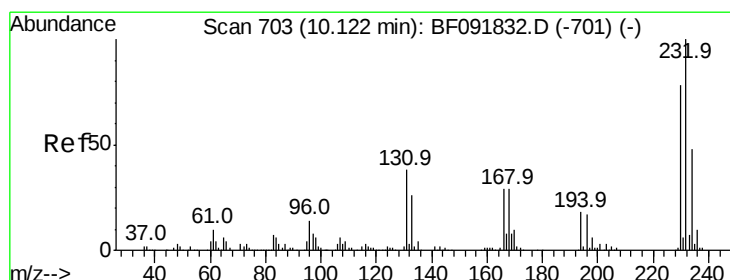
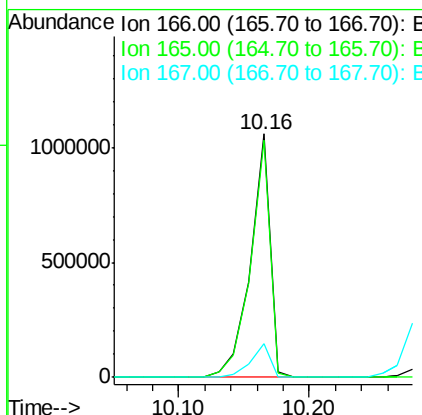
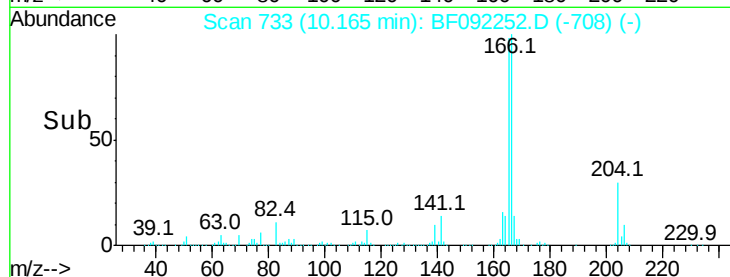
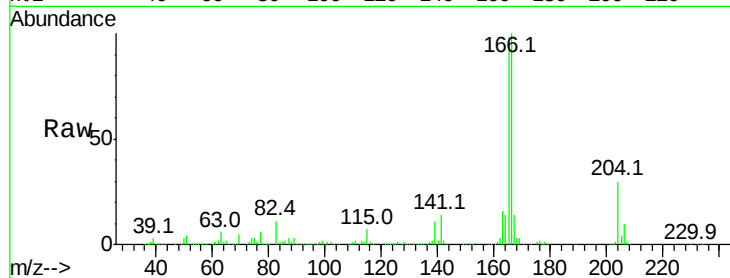
165 97.7 77.8 116.8

167 13.6 10.8 16.2

Manual Integrations
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Sohil

1/16/2017 12:00:44 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.15 ng

RT: 9.95 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:232 Resp: 280652

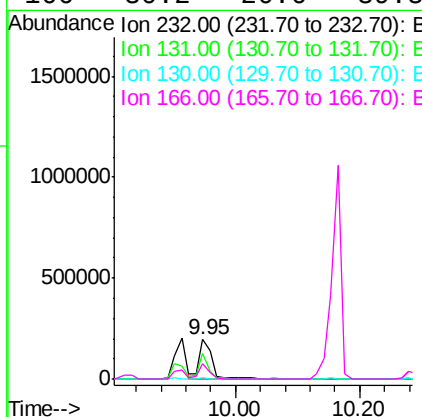
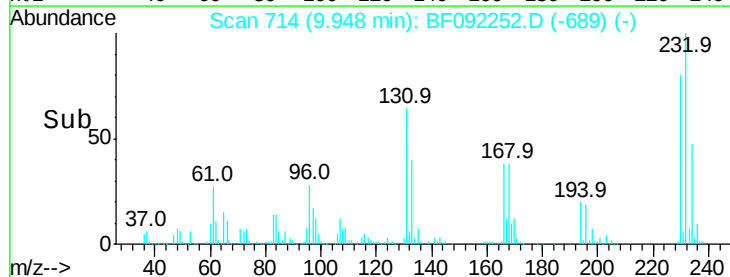
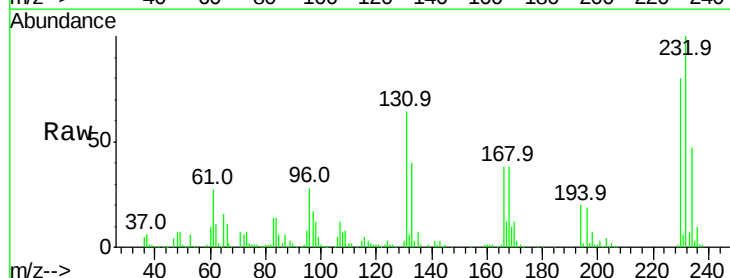
Ion Ratio Lower Upper

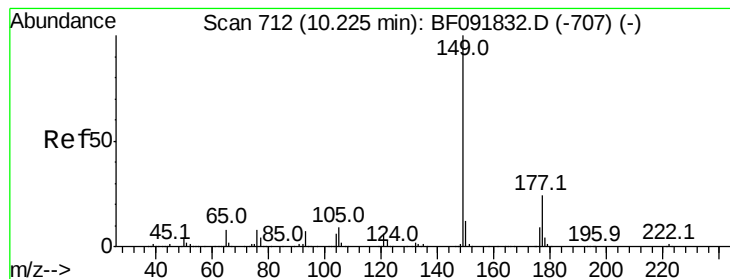
232 100

131 47.4 40.1 60.1

130 2.0 1.8 2.8

166 30.2 26.6 39.8





#59

Diethylphthalate

Concen: 49.24 ng

RT: 10.06 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:149 Resp: 1265906

Ion Ratio Lower Upper

149 100

177 23.6 16.6 25.0

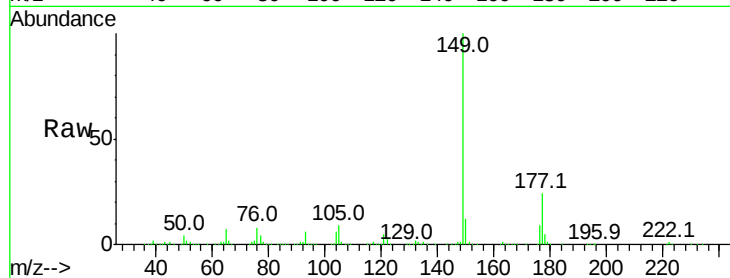
150 11.8 10.4 15.6

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Sohil

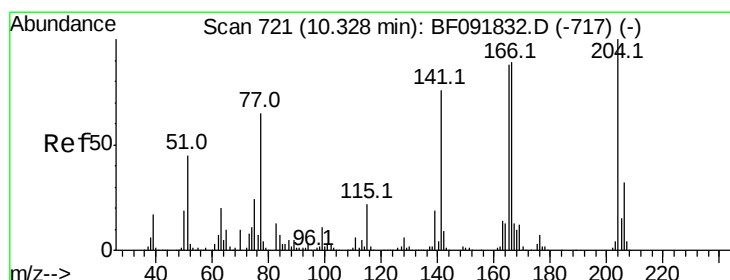
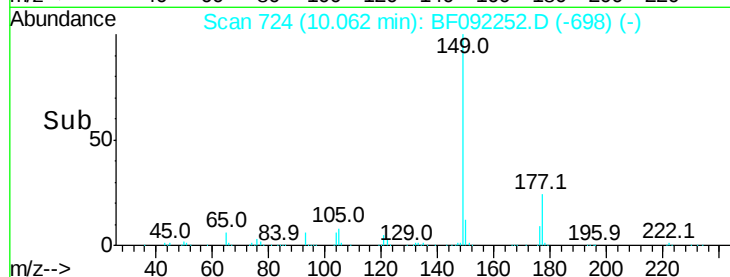
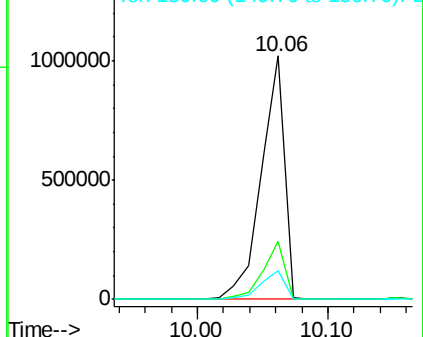
1/16/2017 12:00:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.57 ng

RT: 10.16 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

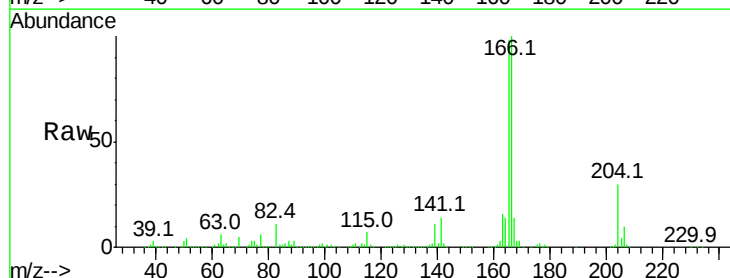
Tgt Ion:204 Resp: 468814

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

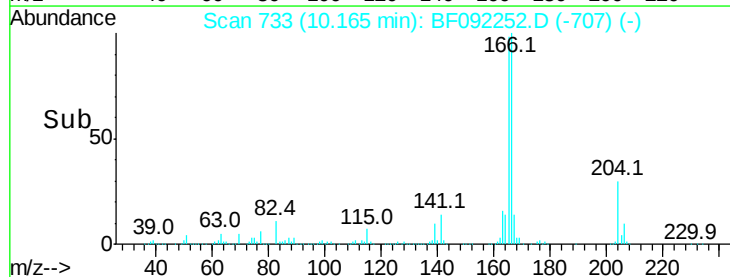
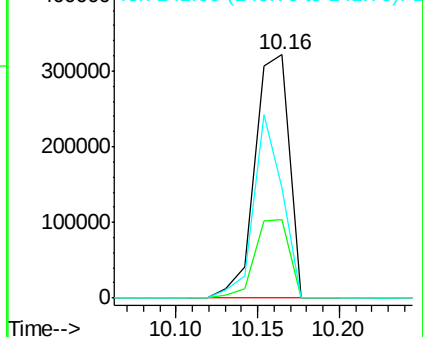
141 45.2 59.4 89.0#

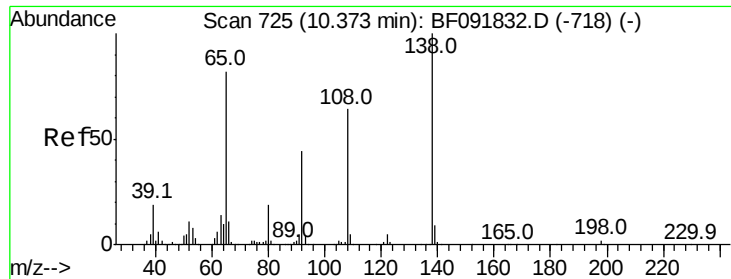


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





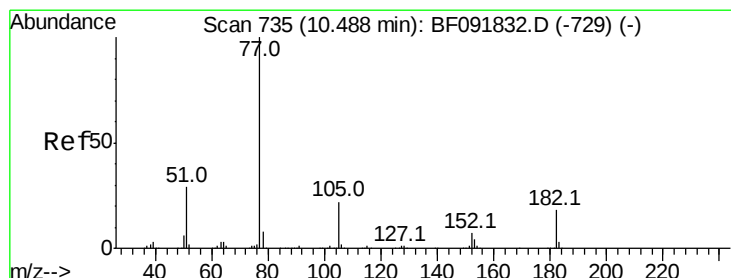
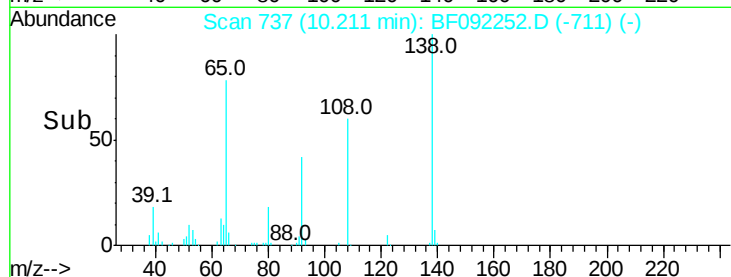
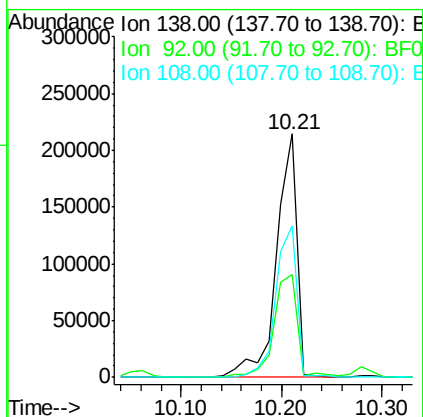
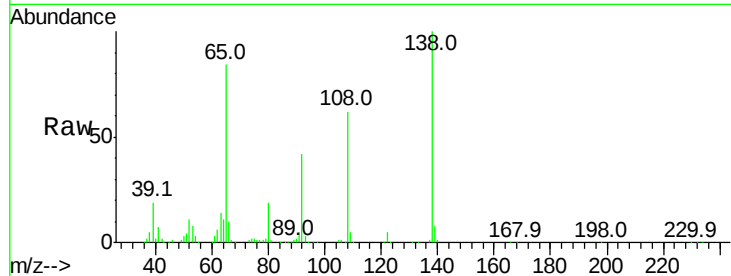
#61
4-Nitroaniline
Concen: 40.84 ng
RT: 10.21 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.4	31.7	71.7
108	62.0	52.6	92.6

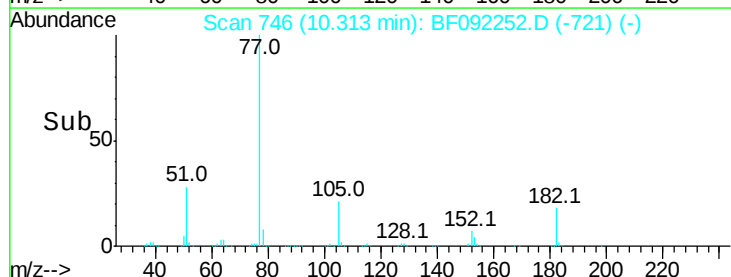
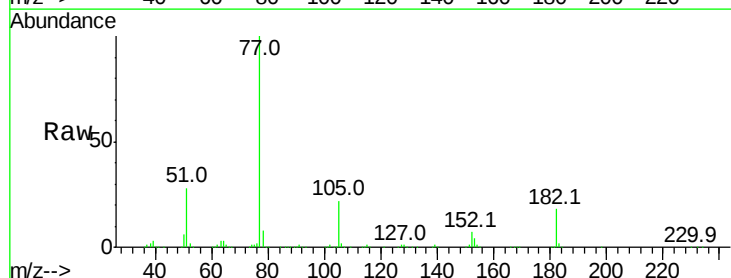
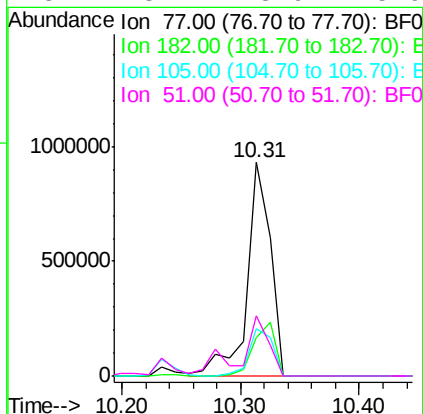
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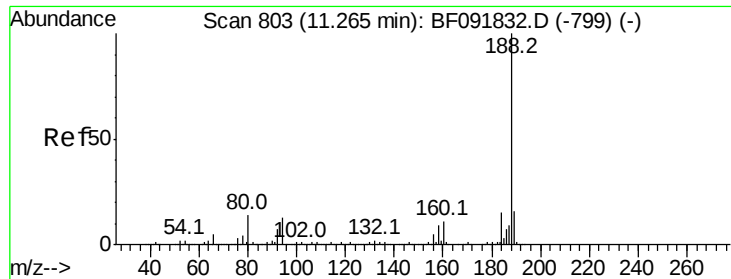
Sohil
1/16/2017 12:00:44 PM



#62
Azobenzene
Concen: 45.59 ng
RT: 10.31 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.0	39.3
105	22.0	2.3	42.3
51	28.4	8.9	48.9





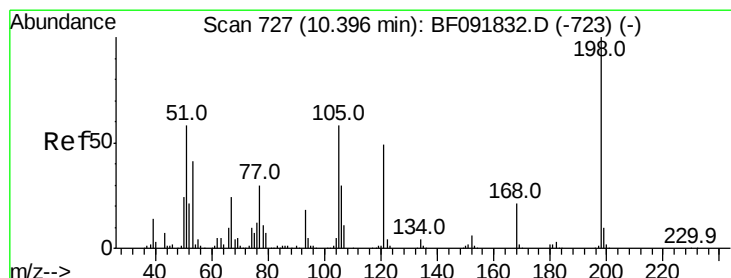
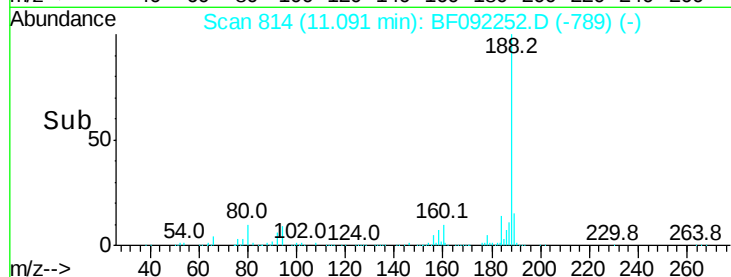
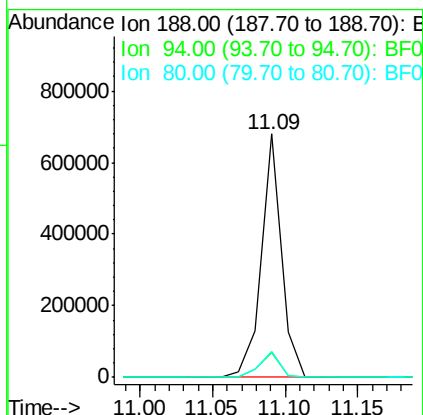
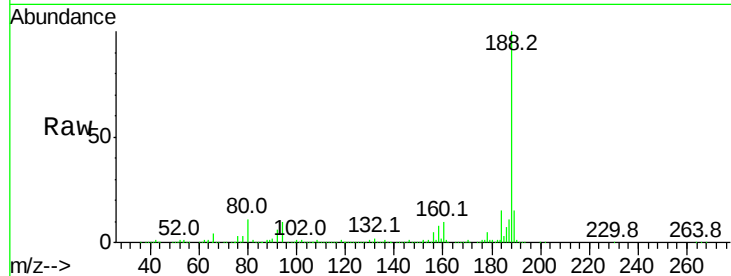
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	655248		
94	10.0	10.0	15.0	
80	10.6	11.2	16.8	

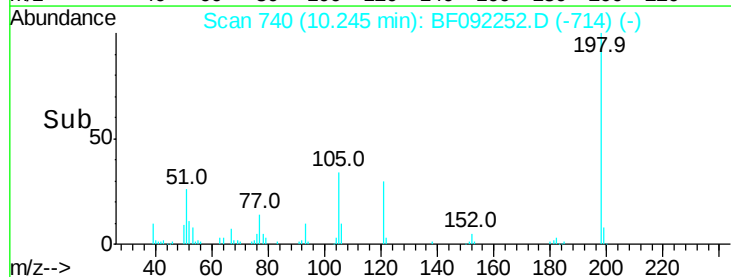
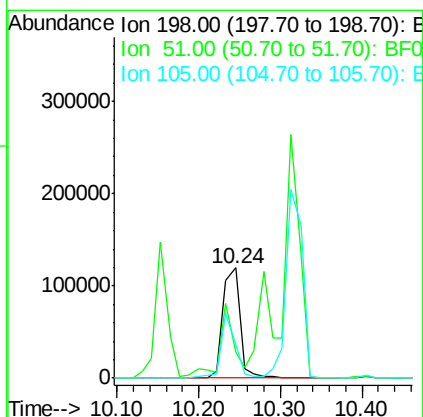
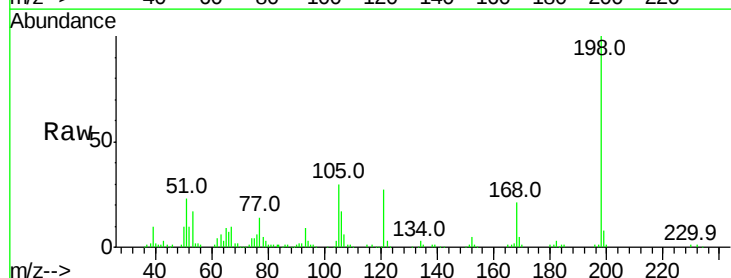
Manual Integrations
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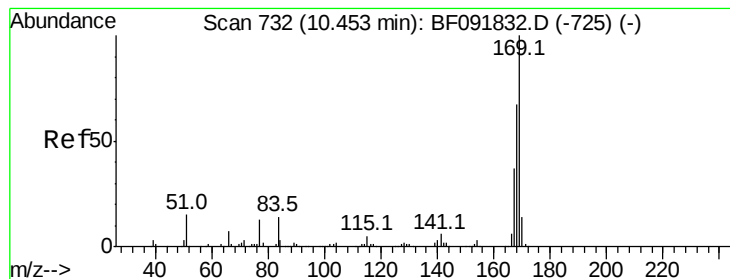
Sohil
1/16/2017 12:00:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.20 ng
RT: 10.24 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	175125		
51	23.3	6.7	46.7	
105	30.3	16.6	56.6	





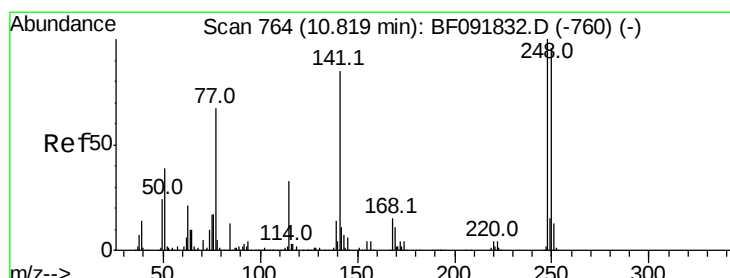
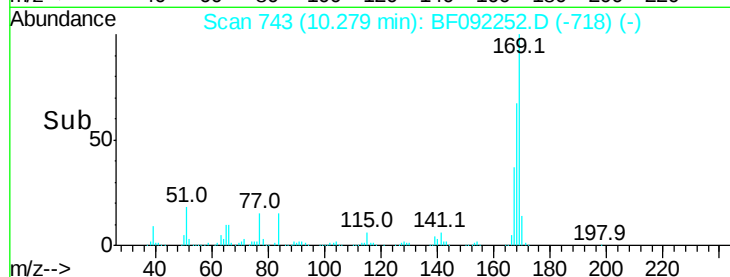
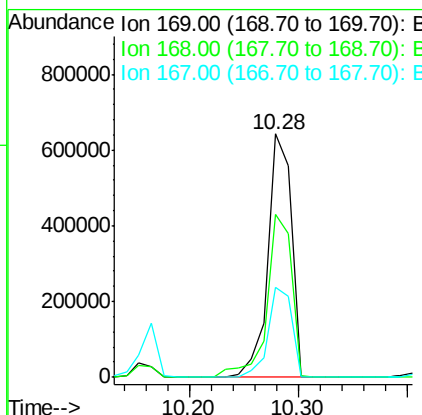
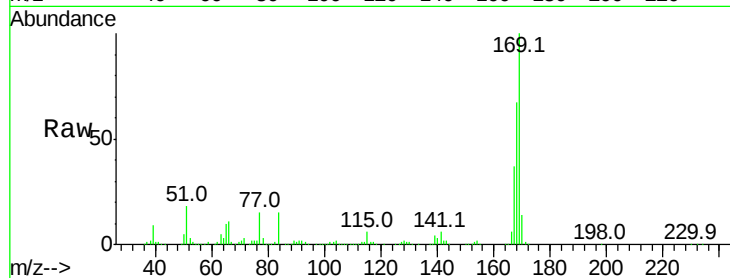
#65
n-Nitrosodiphenylamine
Concen: 49.54 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	54.2	81.2	
167	36.8	30.2	45.4	

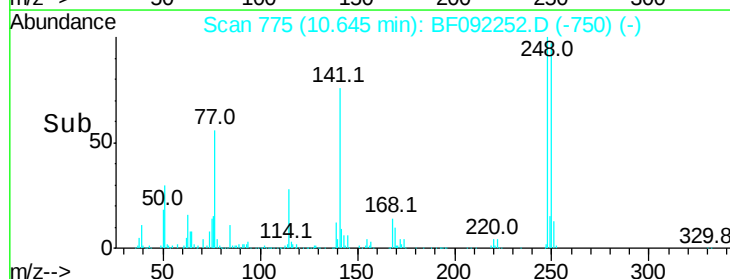
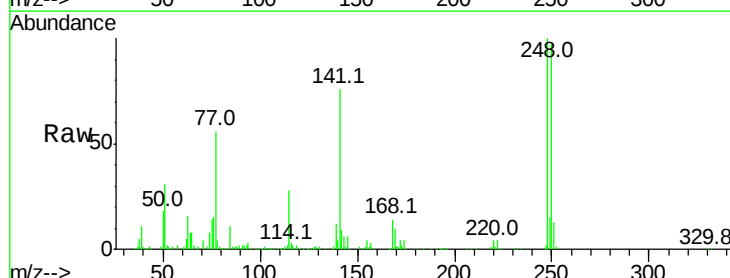
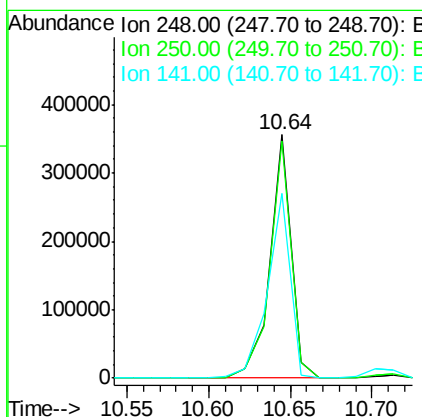
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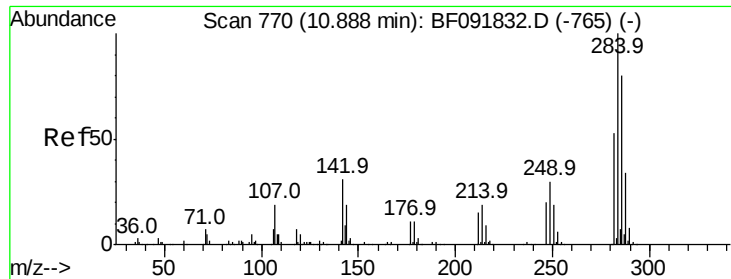
Sohil
1/16/2017 12:00:44 PM



#66
4-Bromophenyl-phenylether
Concen: 47.59 ng
RT: 10.64 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.4	76.9	115.3	
141	75.8	68.2	102.4	





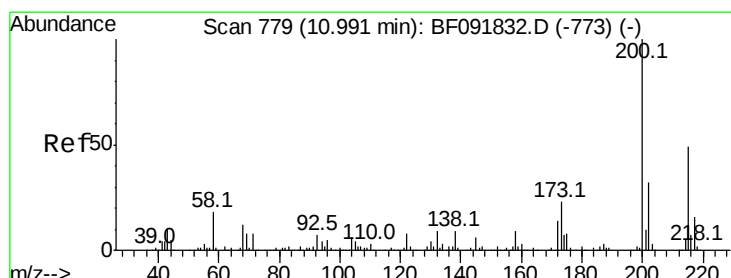
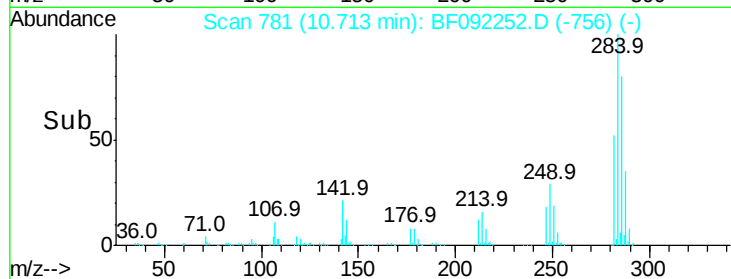
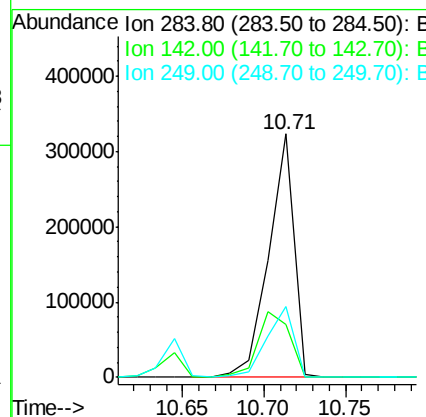
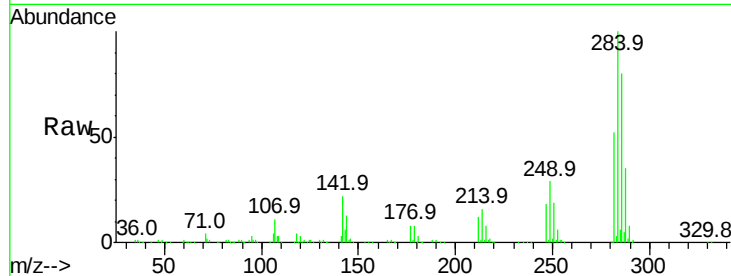
#67
Hexachlorobenzene
Concen: 47.97 ng
RT: 10.71 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	21.5	22.6	33.8#	
249	29.3	25.4	38.0	

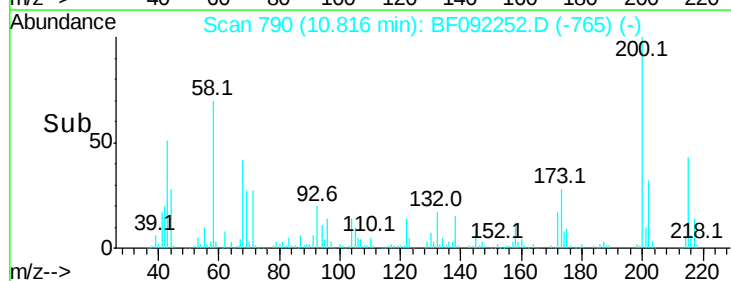
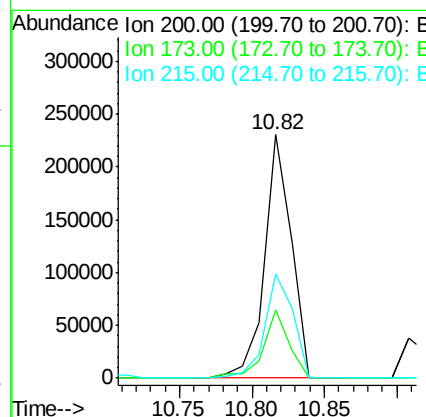
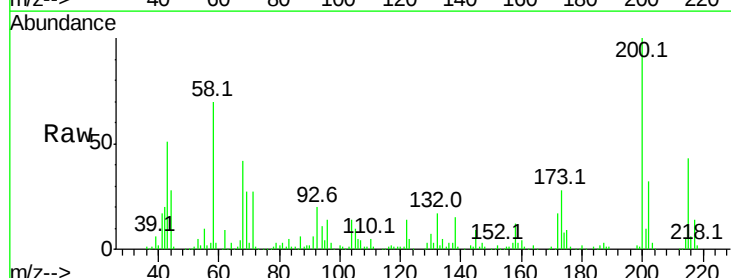
Manual Integrations
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#68
Atrazine
Concen: 46.73 ng
RT: 10.82 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	9.6	49.6	
215	43.0	25.7	65.7	





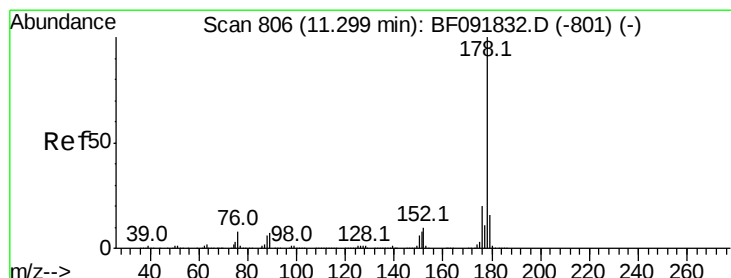
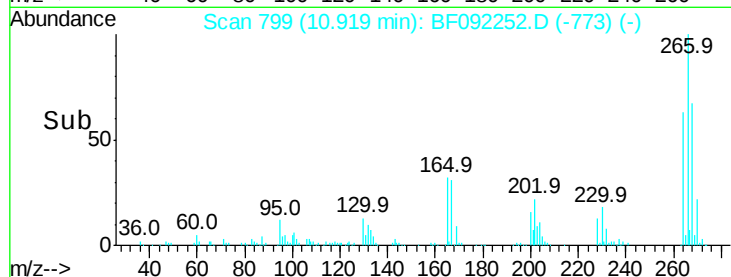
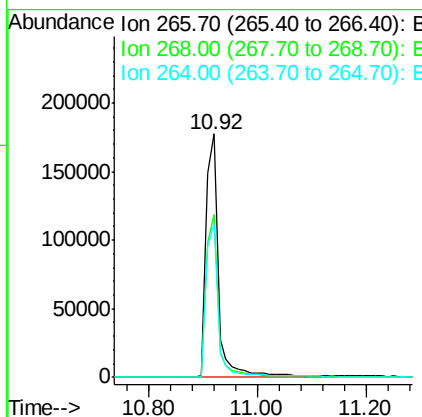
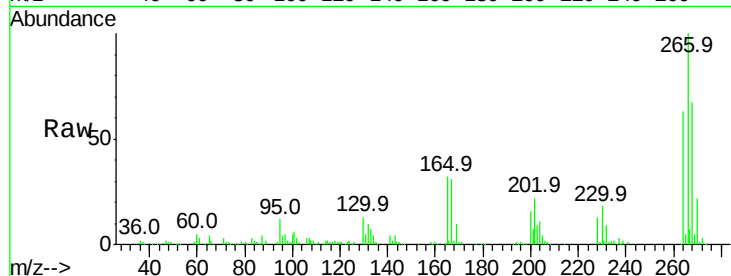
#69
 Pentachlorophenol
 Concen: 79.33 ng
 RT: 10.92 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	283592		
268	66.9	53.3	79.9	
264	63.1	50.3	75.5	

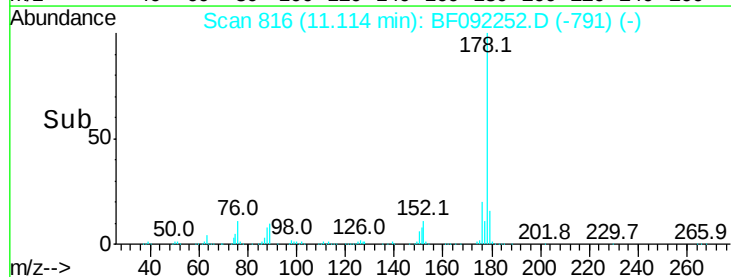
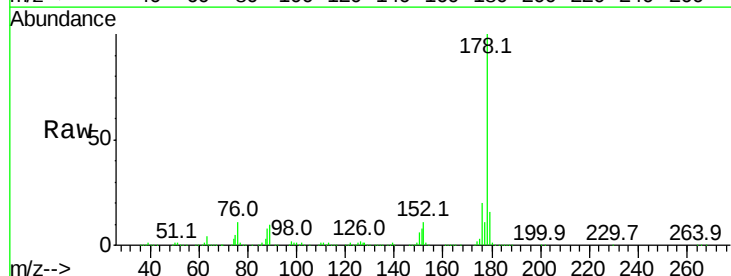
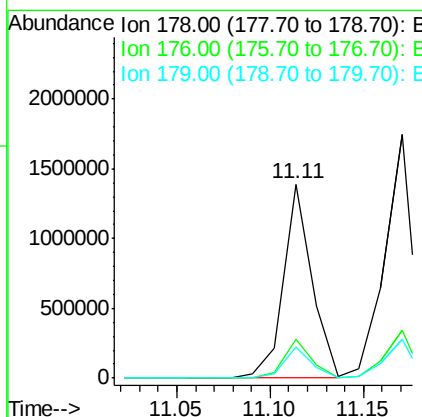
Manual Integrations
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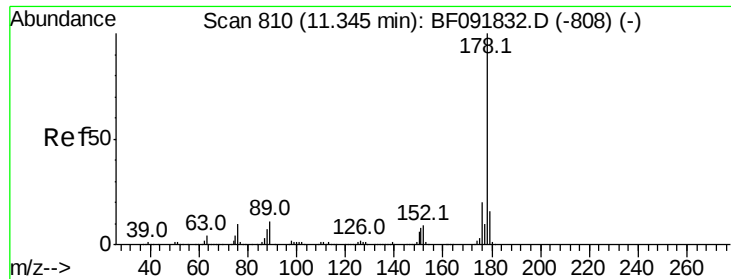
Sohil
 1/16/2017 12:00:44 PM



#70
 Phenanthrene
 Concen: 41.93 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1489765		
176	19.8	16.6	25.0	
179	16.0	12.8	19.2	





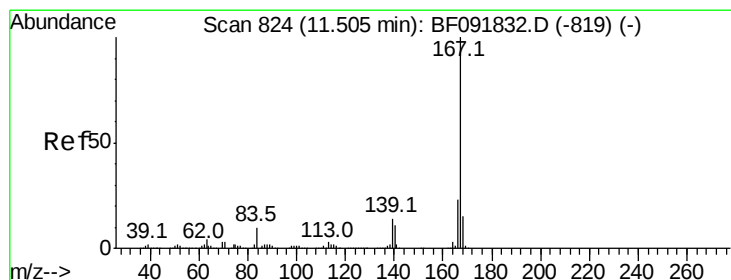
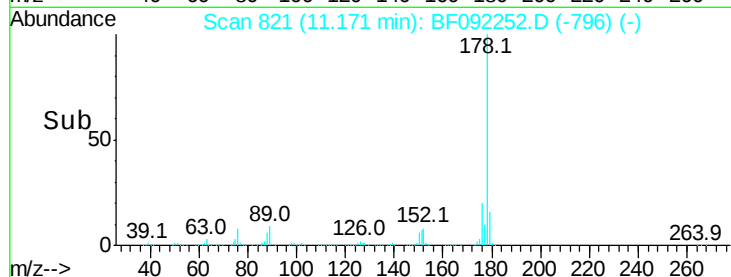
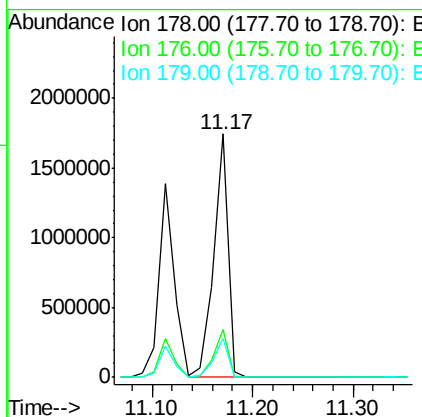
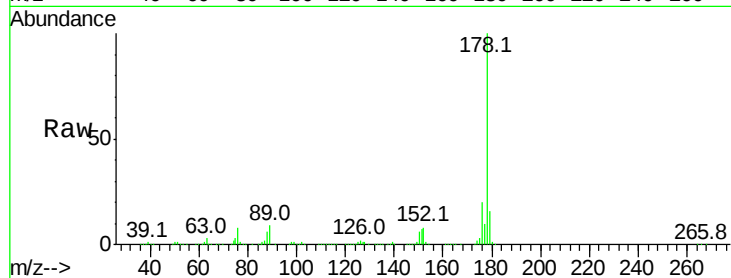
#71
 Anthracene
 Concen: 62.74 ng
 RT: 11.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion:178 Resp: 1712434
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8

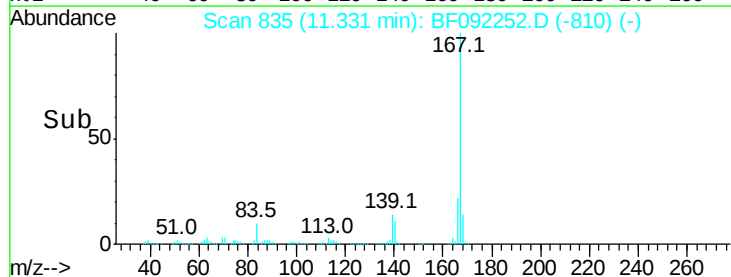
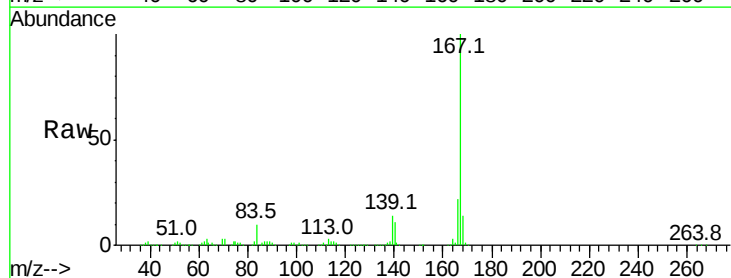
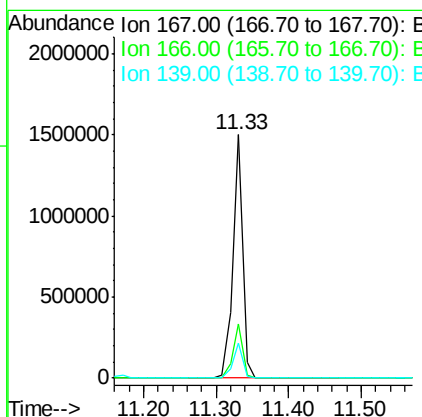
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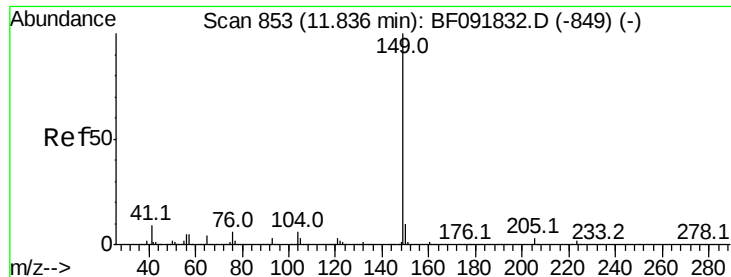
Sohil
 1/16/2017 12:00:44 PM



#72
 Carbazole
 Concen: 50.42 ng
 RT: 11.33 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion:167 Resp: 1395973
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 14.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 59.38 ng

RT: 11.67 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:149 Resp: 1954890

Ion Ratio Lower Upper

149 100

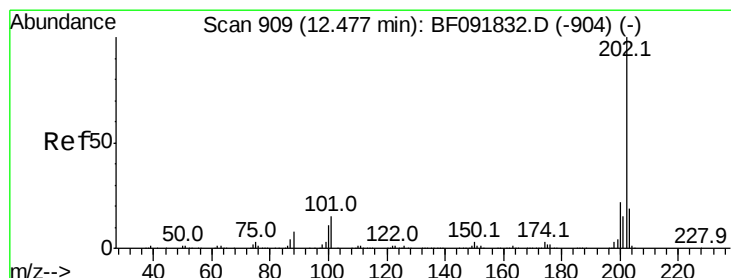
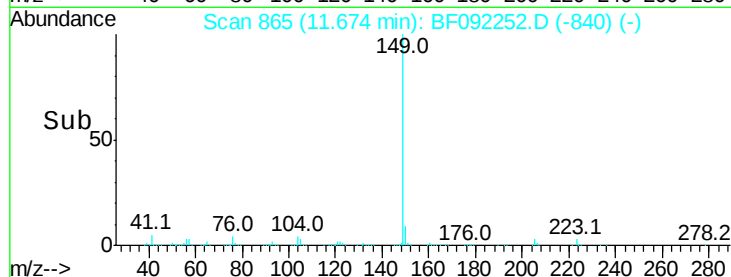
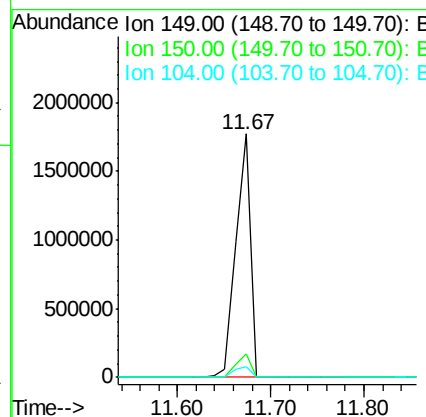
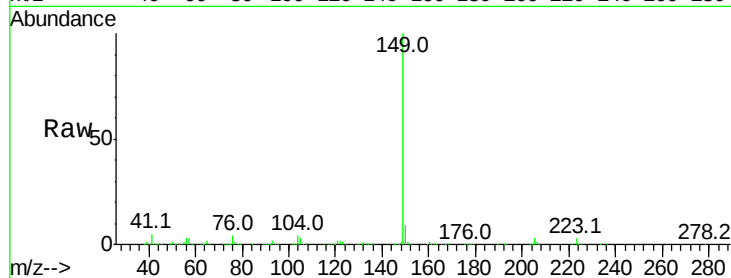
150 9.5 8.1 12.1

104 4.4 4.6 7.0#

Manual Integrations
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1/16/2017 12:00:44 PM



#74

Fluoranthene

Concen: 56.03 ng

RT: 12.30 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

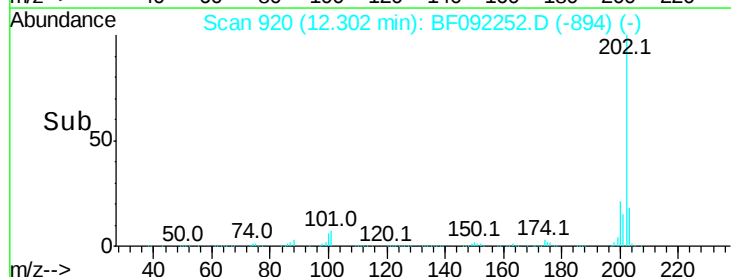
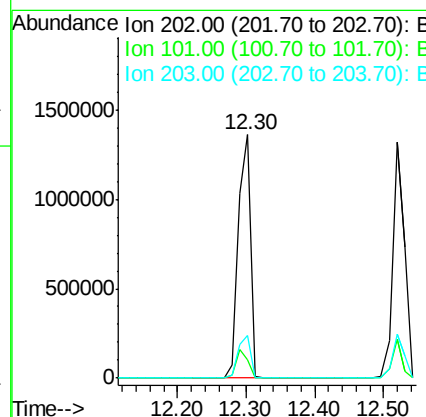
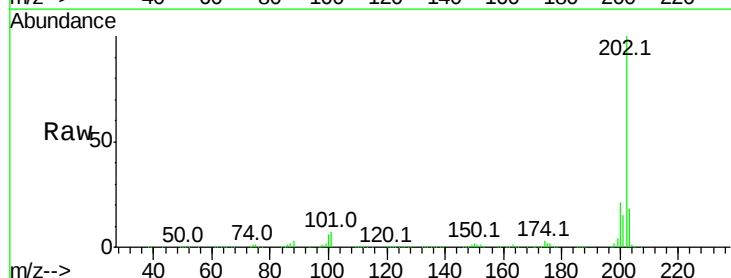
Tgt Ion:202 Resp: 1717439

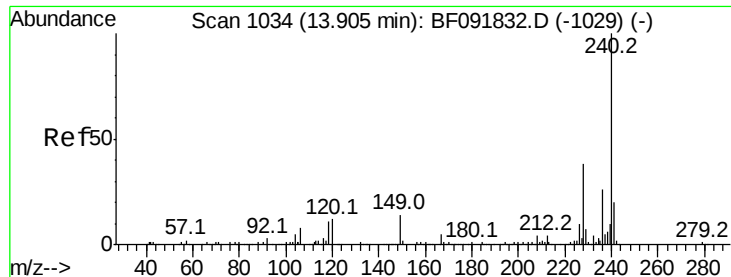
Ion Ratio Lower Upper

202 100

101 7.5 0.0 34.6

203 17.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

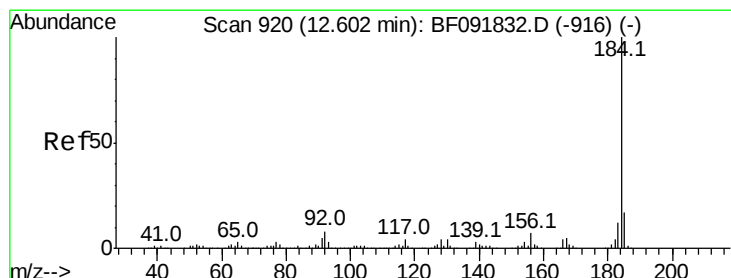
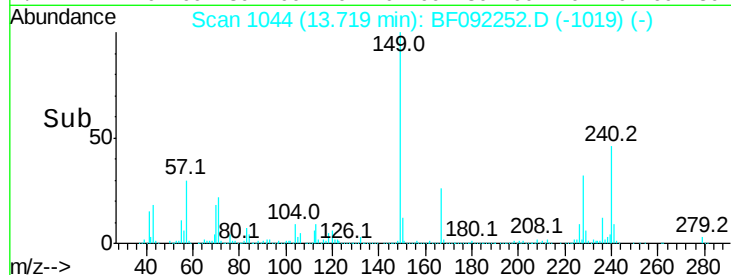
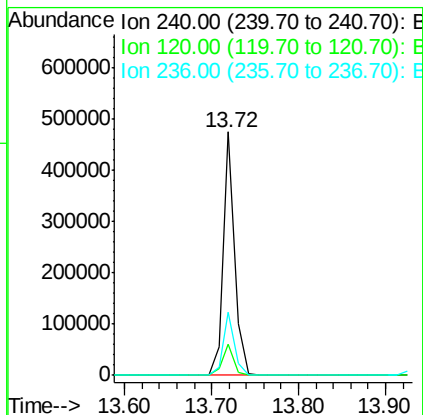
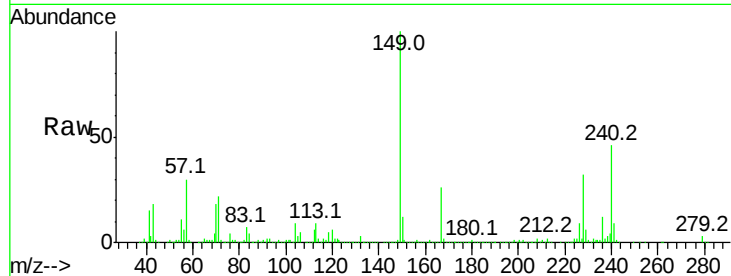
ClientSampleId :

PB95965BS

Tot Ion:	240	Resp:	438754
Ion Ratio	Lower	Upper	
240	100		
120	13.0	12.9	19.3
236	26.1	20.9	31.3

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#76

Benzidine

Concen: 29.98 ng

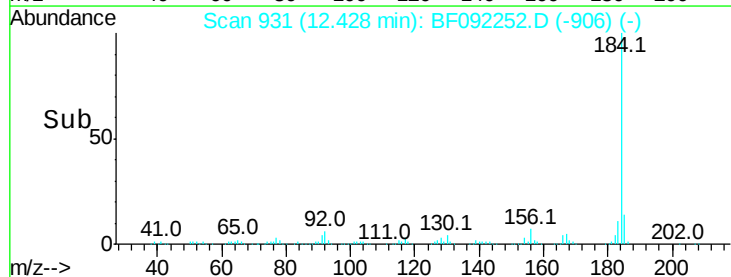
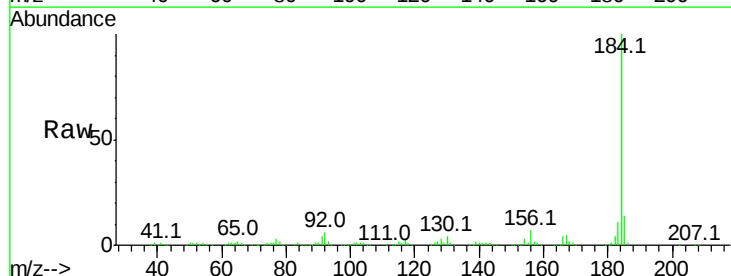
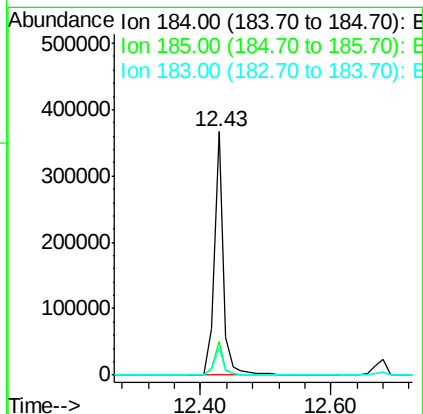
RT: 12.43 min Scan# 931

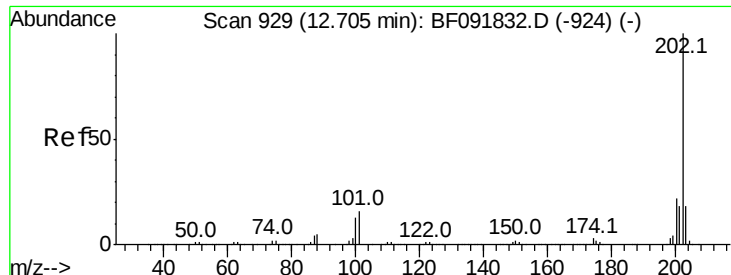
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	184	Resp:	364134
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.4	20.0
183	11.0	9.2	13.8





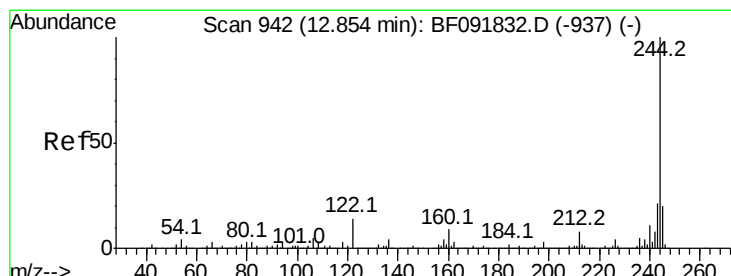
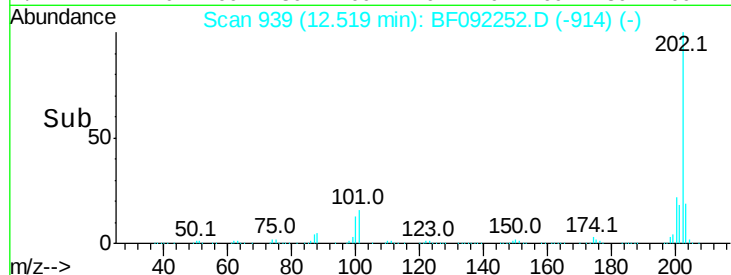
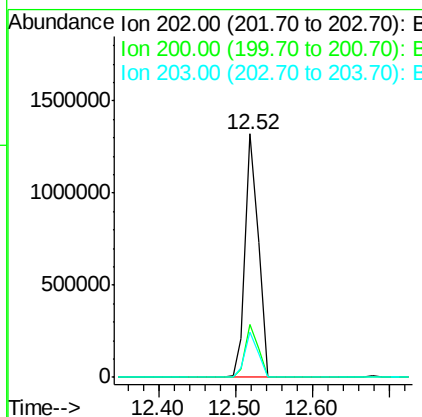
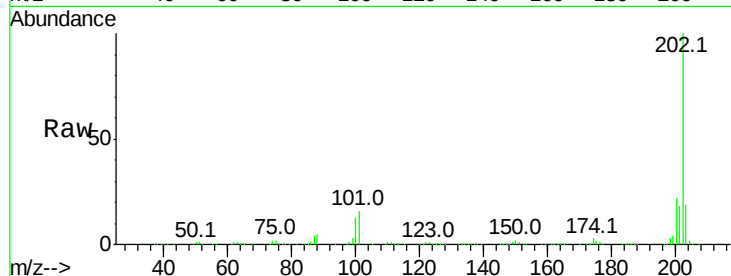
#77
Pvrene
Concen: 48.77 ng
RT: 12.52 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	18.6	14.7	22.1

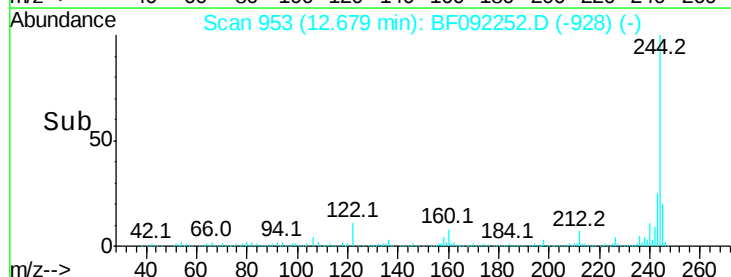
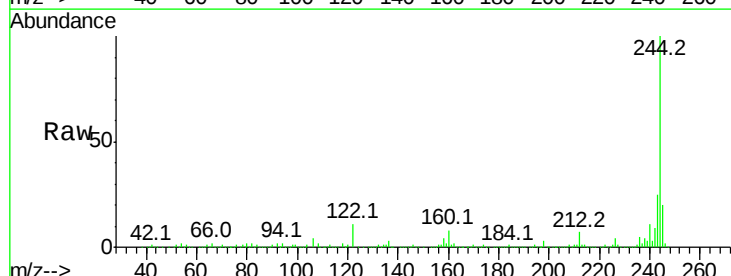
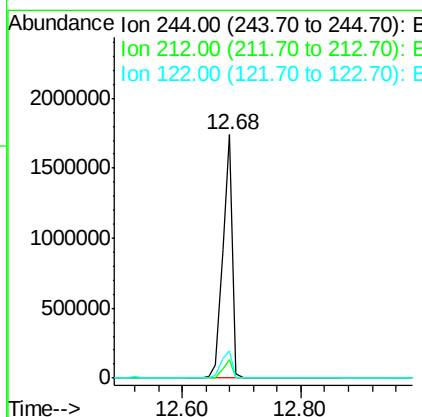
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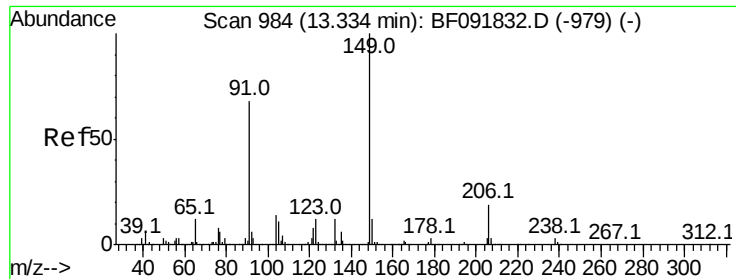
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#78
Terphenyl-d14
Concen: 106.09 ng
RT: 12.68 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	11.3	11.4	17.2#





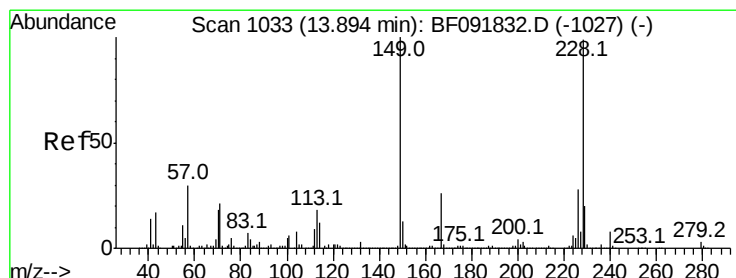
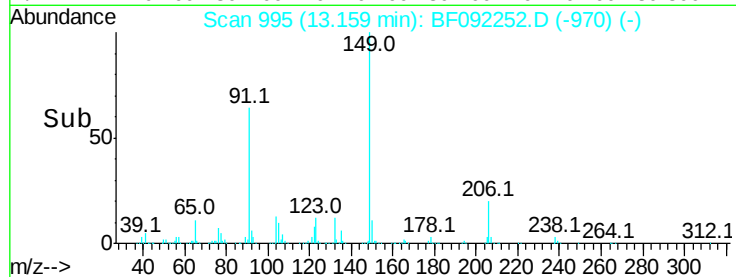
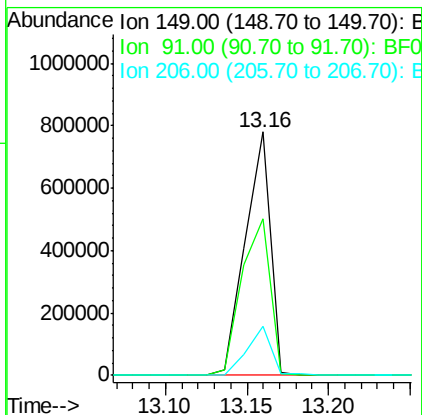
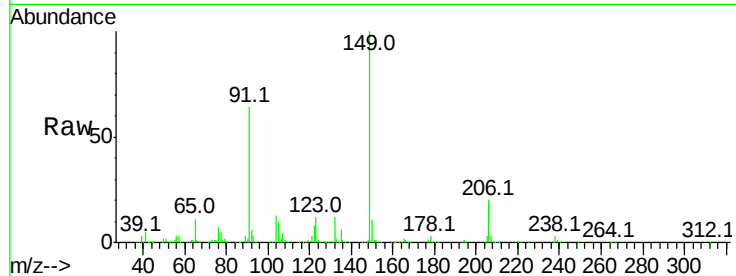
#79
Butylbenzylphthalate
Concen: 57.12 ng
RT: 13.16 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampled :
PB95965BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.1	63.9	95.9	
206	20.0	14.6	21.8	

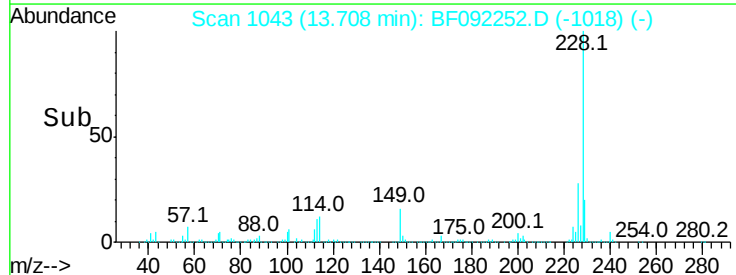
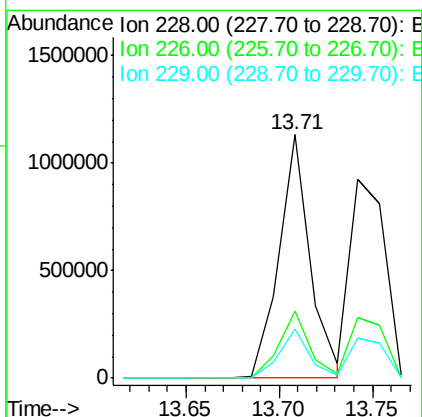
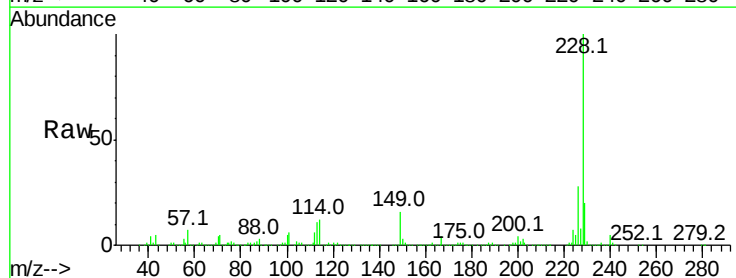
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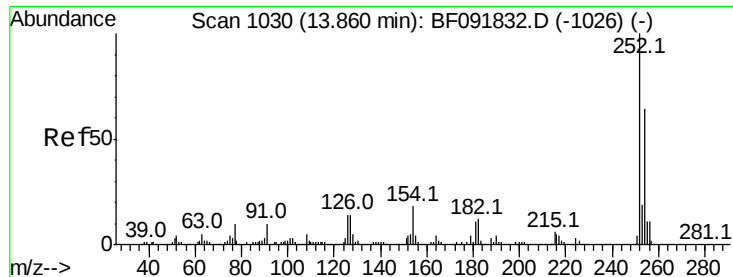
Sohil
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#80
Benzo(a)anthracene
Concen: 53.10 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.7	22.4	33.6	
229	20.3	16.2	24.4	





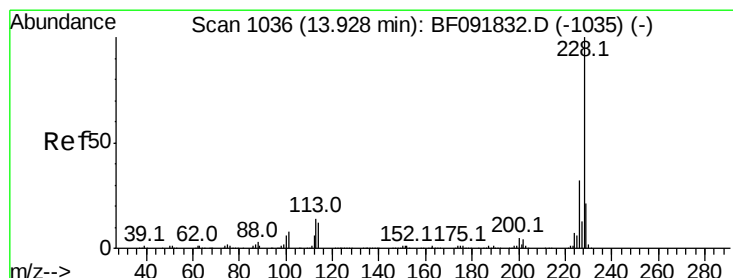
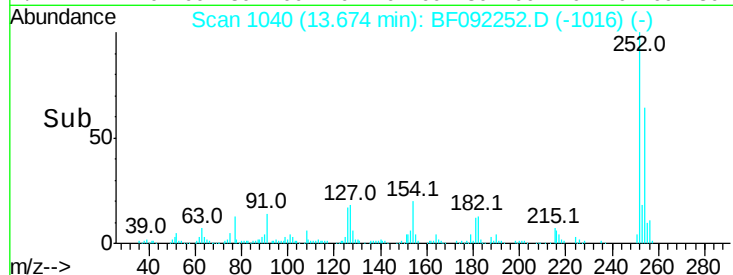
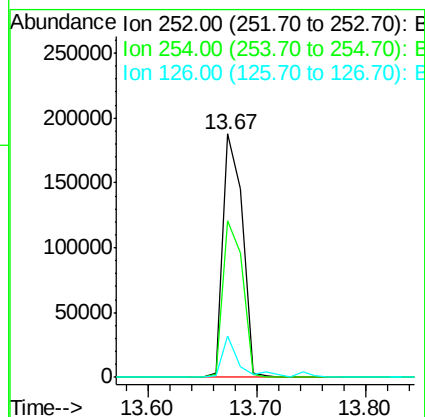
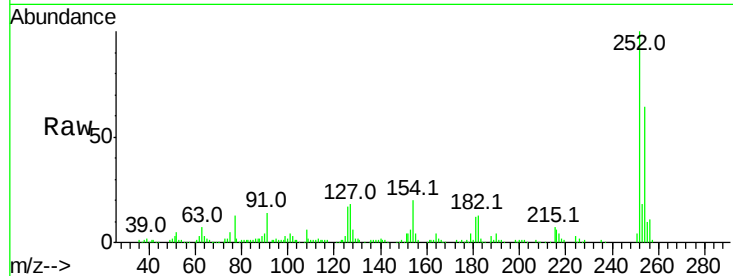
#81
 3,3'-Dichlorobenzidine
 Concen: 25.10 ng
 RT: 13.67 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	52.3	78.5
126	17.1	13.6	20.4

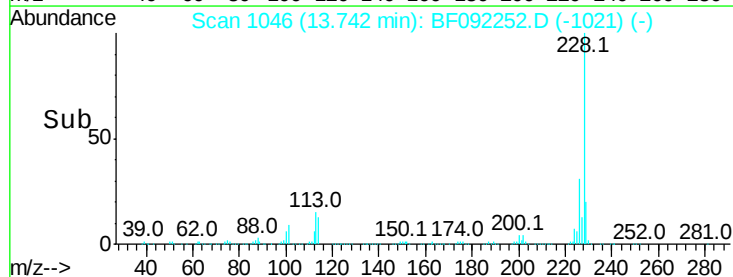
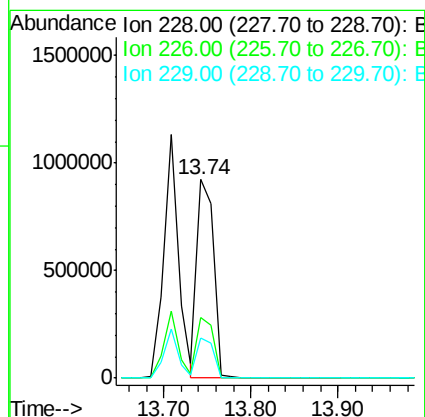
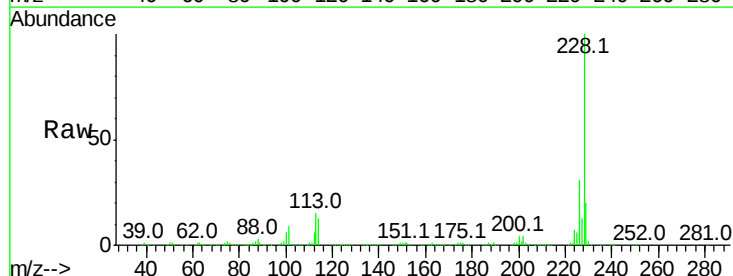
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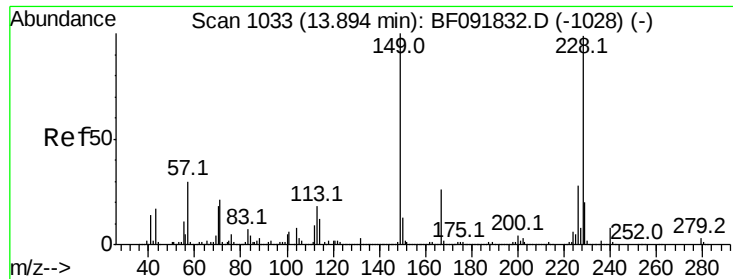
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#82
 Chrysene
 Concen: 48.66 ng
 RT: 13.74 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.4	38.0
229	20.5	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.87 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

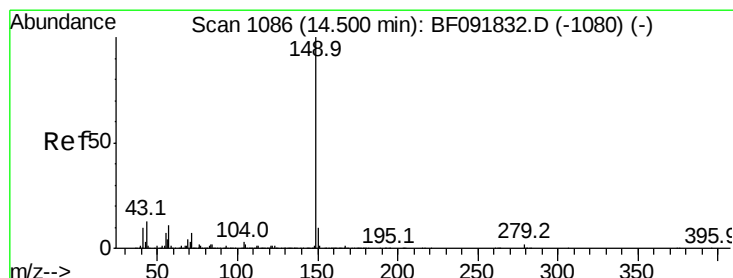
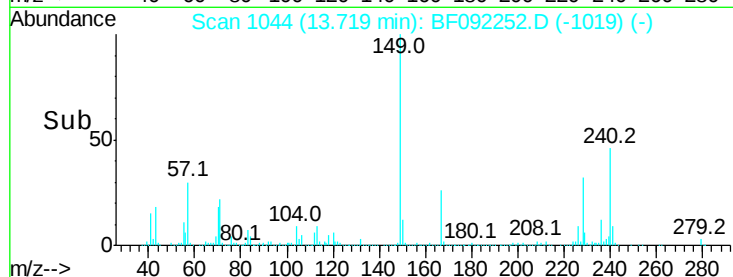
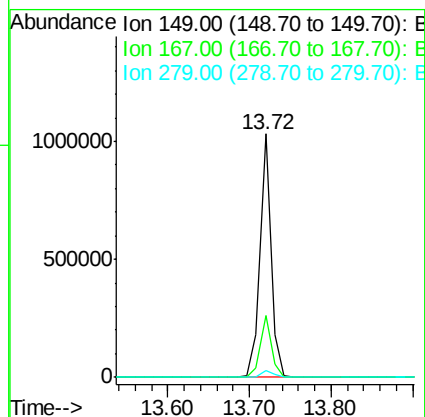
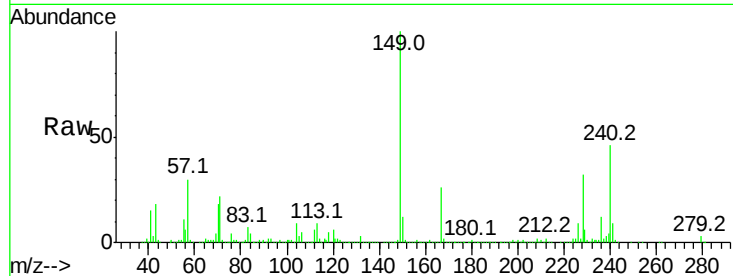
ClientSampled :

PB95965BS

Tot Ion:	149	Resp:	963362
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.2	30.4
279	2.5	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 53.00 ng

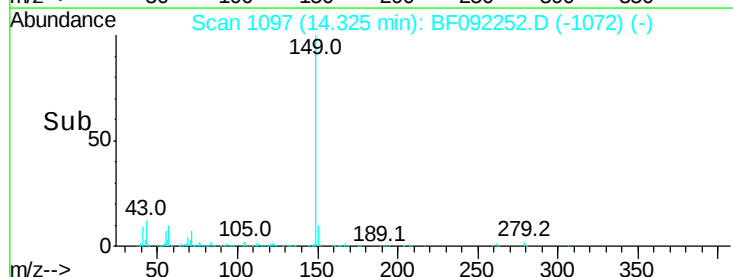
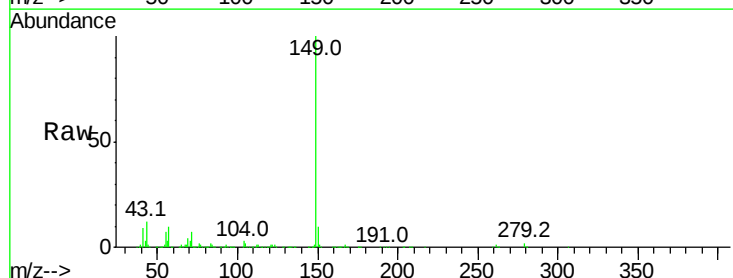
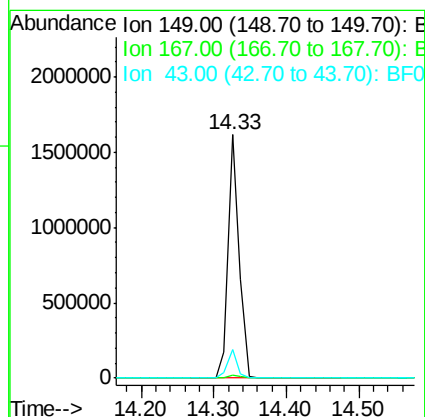
RT: 14.33 min Scan# 1097

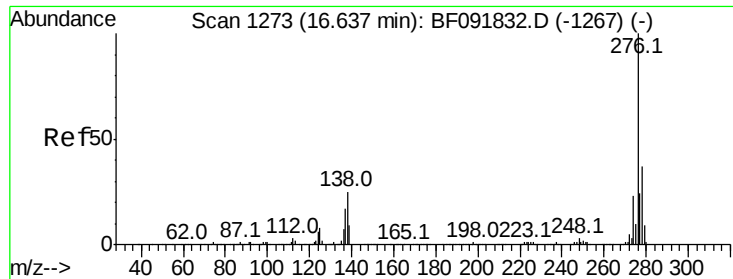
Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	149	Resp:	1692698
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.5	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.09 ng

RT: 16.31 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tot Ion:276 Resp: 1078033

Ion Ratio Lower Upper

276 100

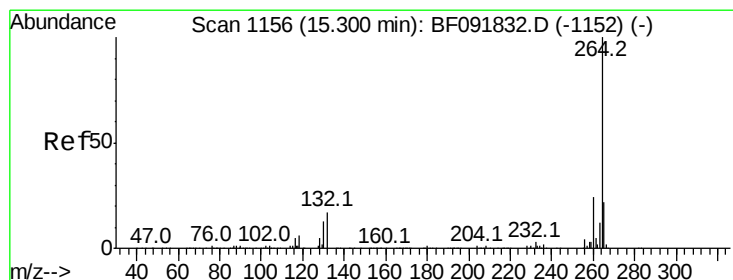
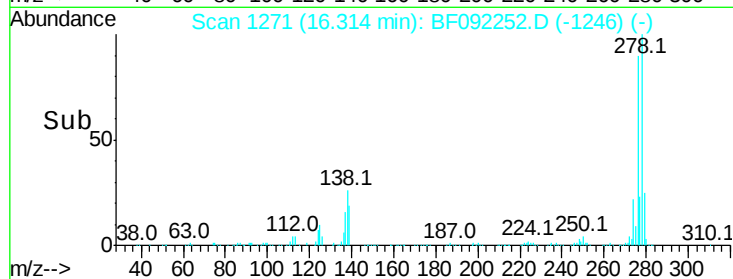
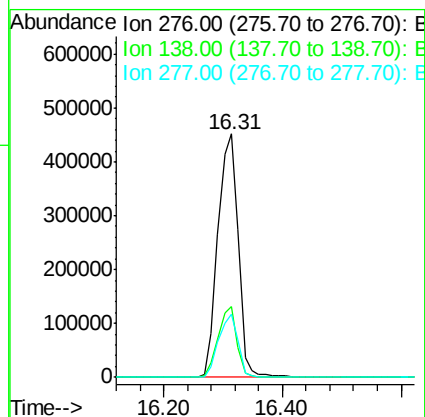
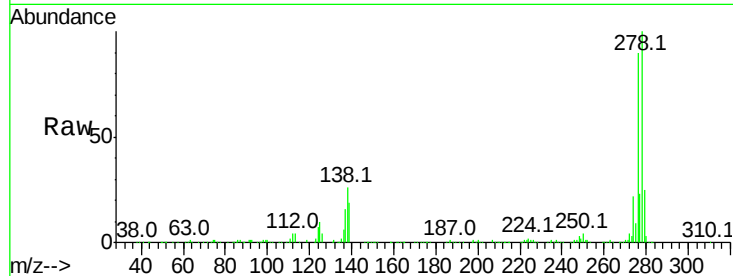
138 27.0 21.8 32.6

277 24.9 20.2 30.4

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

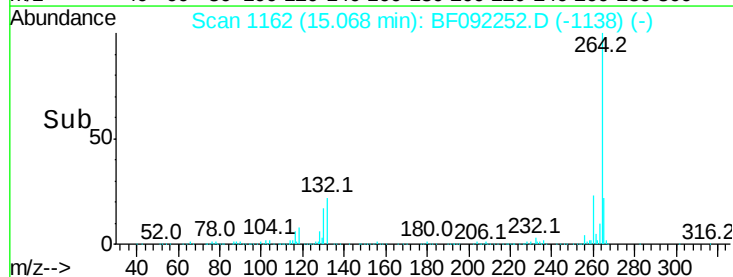
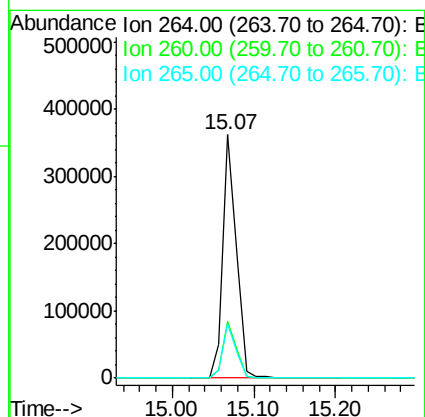
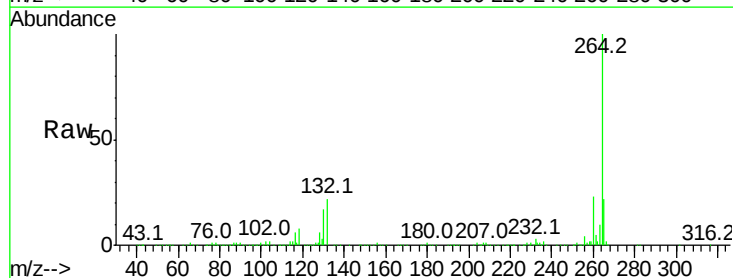
Tgt Ion:264 Resp: 411673

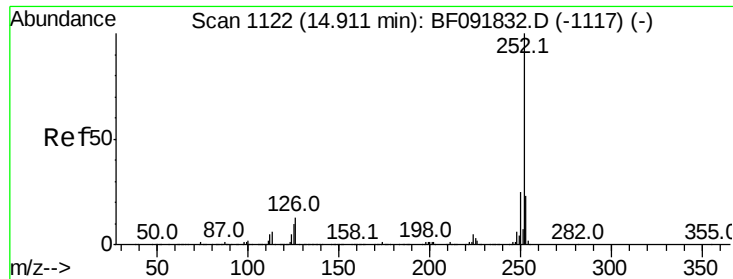
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 54.59 ng m

RT: 14.71 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Instrument :

BNA_F

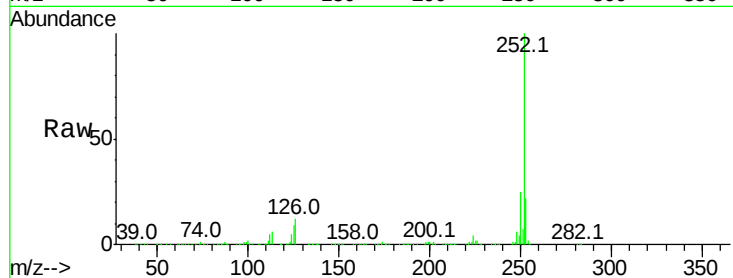
ClientSampled :

PB95965BS

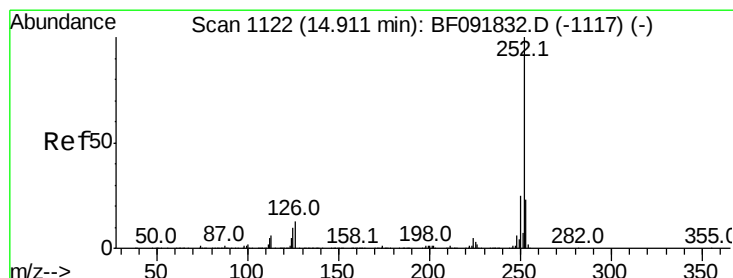
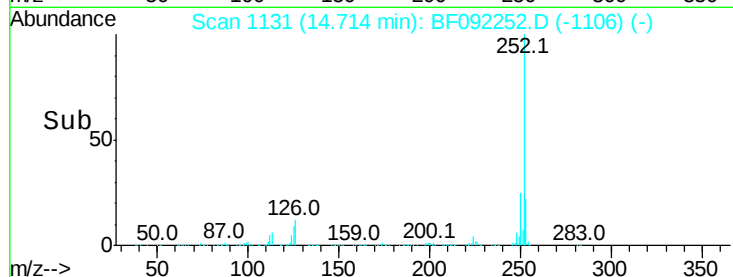
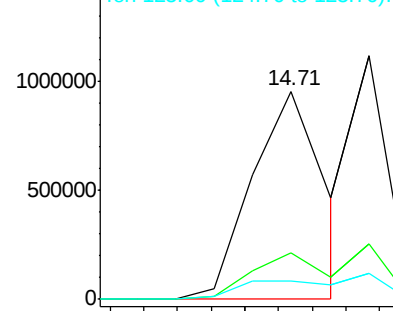
Tot Ion:	252	Resp:	1399221
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.4
125	9.0	9.8	14.6

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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: 39.29 ng m

RT: 14.74 min Scan# 1133

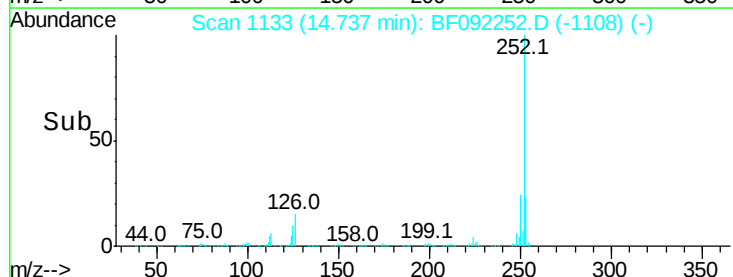
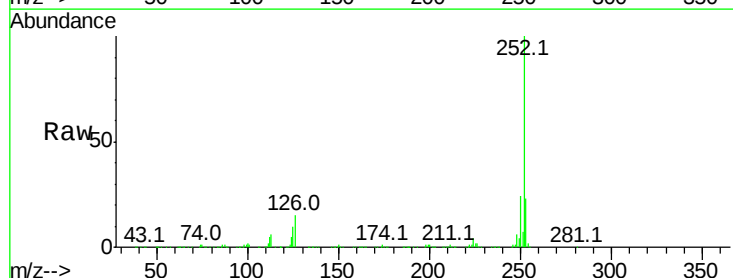
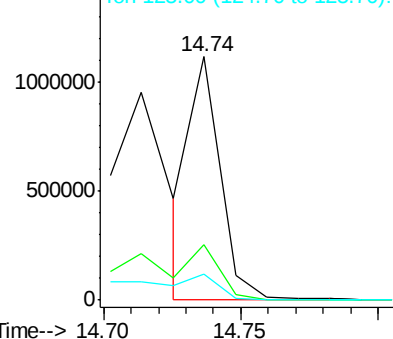
Delta R.T. -0.01 min

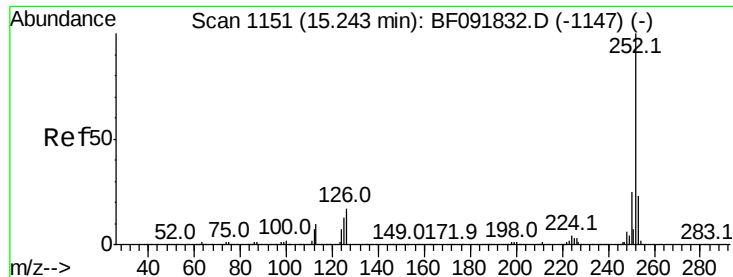
Lab File: BF092252.D

Acq: 13 Jan 2017 20:03

Tgt Ion:	252	Resp:	858731
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	10.4	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





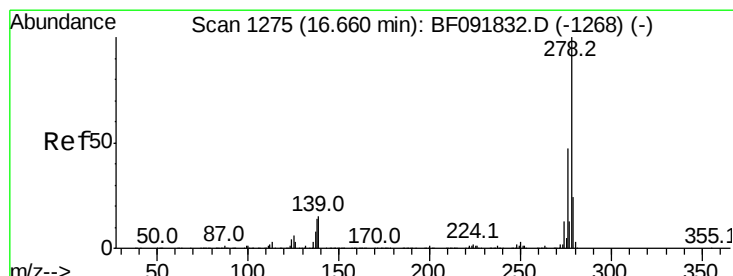
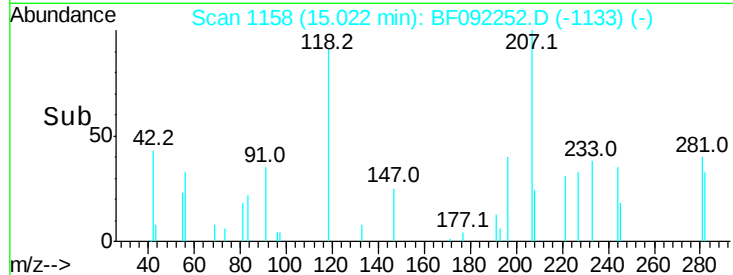
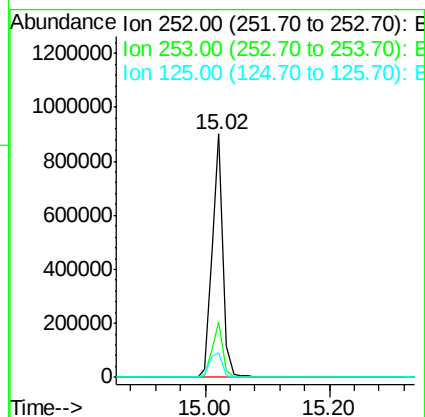
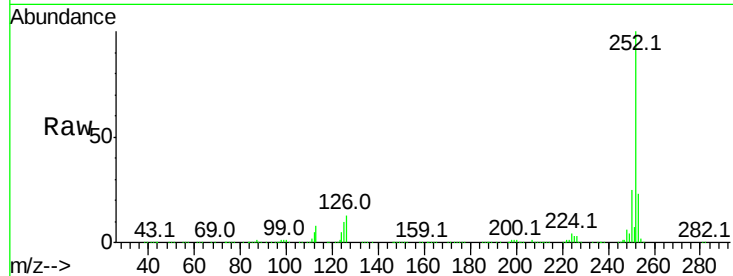
#89
Benzo(a)pyrene
Concen: 46.98 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.4	10.0	15.0

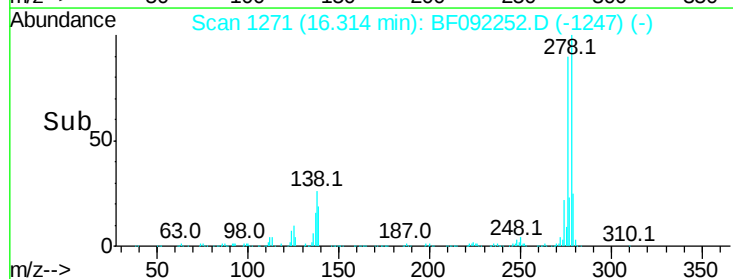
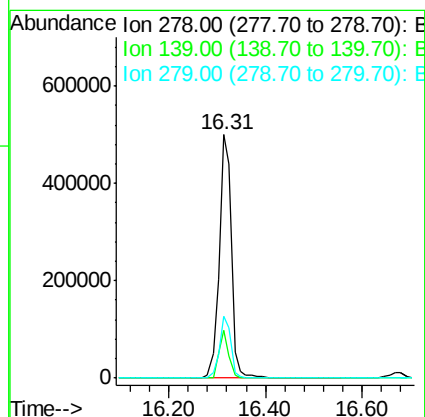
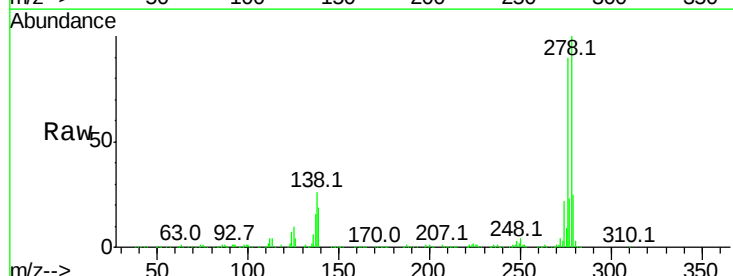
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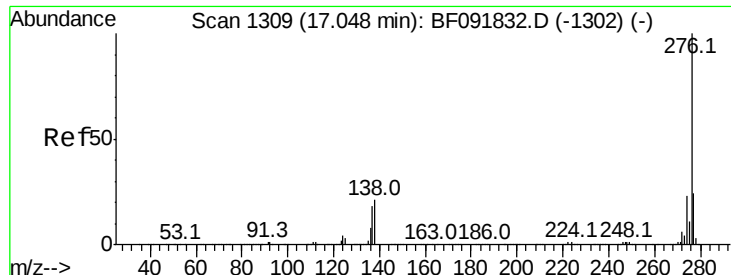
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.87 ng
RT: 16.31 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF092252.D
Acq: 13 Jan 2017 20:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.8	22.2
279	25.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.42 ng
 RT: 16.68 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF092252.D
 Acq: 13 Jan 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tot Ion:	276	Resp:	902570
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.2	28.8
138	19.5	16.0	24.0

Manual Integrations
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