

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092782.D
 Acq On : 3 Feb 2017 18:26
 Operator : SJ/MA
 Sample : PB96705BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Manual Integrations
 APPROVED

mohammad
 2/6/2017 12:33:57 PM

Quant Time: Feb 03 23:24:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	138753	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	578944	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	310320	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	540290	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	510414	20.00	ng	-0.03
86) Perylene-d12	15.57	264	447606	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1037469	128.28	ng	-0.03
7) Phenol-d6	6.57	99	1473424	141.59	ng	-0.03
23) Nitrobenzene-d5	7.49	82	845359	81.31	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	321214	143.12	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1719928	100.41	ng	-0.03
78) Terphenyl-d14	13.06	244	1630510	75.06	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	154241	35.29	ng	# 83
3) Pyridine	3.34	79	474385	42.69	ng	88
4) n-Nitrosodimethylamine	3.30	42	234347	44.91	ng	88
6) Aniline	6.59	93	245815	17.32	ng	86
8) 2-Chlorophenol	6.72	128	430075	48.20	ng	97
9) Benzaldehyde	6.48	77	229214	30.75	ng	90
10) Phenol	6.59	94	509250	41.83	ng	80
11) bis(2-Chloroethyl)ether	6.66	93	394019	40.55	ng	89
12) 1,3-Dichlorobenzene	6.86	146	464415m	44.44	ng	
13) 1,4-Dichlorobenzene	6.94	146	481736	45.55	ng	94
14) 1,2-Dichlorobenzene	7.09	146	425544	42.07	ng	98
15) Benzyl Alcohol	7.07	79	348276	45.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	726404	43.03	ng	94
17) 2-Methylphenol	7.18	107	345722	45.17	ng	97
18) Hexachloroethane	7.44	117	152293	42.18	ng	97
19) n-Nitroso-di-n-propylamine	7.34	70	298680	45.09	ng	97
20) 3+4-Methylphenols	7.34	107	433880	47.41	ng	91
22) Acetophenone	7.33	105	543575	41.12	ng	# 96
24) Nitrobenzene	7.52	77	472395	44.25	ng	# 83
25) Isophorone	7.74	82	826629	42.67	ng	96
26) 2-Nitrophenol	7.82	139	219142	43.18	ng	96
27) 2,4-Dimethylphenol	7.87	122	411106	46.13	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	549939	42.86	ng	99
29) 2,4-Dichlorophenol	8.08	162	398781	47.98	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	400464	44.71	ng	97
31) Naphthalene	8.24	128	1253278	42.70	ng	99
32) Benzoic acid	8.01	122	250034	49.29	ng	96
33) 4-Chloroaniline	8.28	127	85891	7.46	ng	98
34) Hexachlorobutadiene	8.35	225	206138	41.83	ng	99
35) Caprolactam	8.66	113	121625m	46.52	ng	
36) 4-Chloro-3-methylphenol	8.78	107	419839	48.45	ng	96
37) 2-Methylnaphthalene	8.93	142	848197m	45.01	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	345633	39.68	ng	99
40) Hexachlorocyclopentadiene	9.08	237	343075	87.29	ng	97

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Quant Time: Feb 03 23:24:02 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	274185	47.90	ng	94
43) 2,4,5-Trichlorophenol	9.25	196	275078	43.86	ng	96
45) 1,1'-Biphenyl	9.39	154	935913	41.65	ng	97
46) 2-Chloronaphthalene	9.42	162	820519	46.68	ng	95
47) 2-Nitroaniline	9.52	65	229468	38.83	ng	99
48) Acenaphthylene	9.84	152	1194301	39.33	ng	99
49) Dimethylphthalate	9.70	163	893409	42.74	ng	98
50) 2,6-Dinitrotoluene	9.77	165	231556	51.30	ng	# 81
51) Acenaphthene	10.01	154	800227	44.08	ng	96
52) 3-Nitroaniline	9.93	138	63378	12.27	ng	100
53) 2,4-Dinitrophenol	10.04	184	196173	85.11	ng	# 79
54) Dibenzofuran	10.18	168	1049306	43.21	ng	97
55) 4-Nitrophenol	10.11	139	309869	83.28	ng	90
56) 2,4-Dinitrotoluene	10.17	165	257373	42.83	ng	97
57) Fluorene	10.52	166	813200	43.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	222934	53.29	ng	97
59) Diethylphthalate	10.41	149	964398	48.96	ng	95
60) 4-Chlorophenyl-phenylether	10.52	204	390130	43.47	ng	# 73
61) 4-Nitroaniline	10.56	138	227522	43.00	ng	89
62) Azobenzene	10.68	77	1004626	49.37	ng	88
64) 4,6-Dinitro-2-methylphenol	10.58	198	144379	44.13	ng	# 70
65) n-Nitrosodiphenylamine	10.64	169	737936	42.75	ng	100
66) 4-Bromophenyl-phenylether	11.01	248	245034	43.41	ng	# 78
67) Hexachlorobenzene	11.07	284	238248	42.71	ng	# 81
68) Atrazine	11.17	200	281845	50.89	ng	95
69) Pentachlorophenol	11.28	266	282997	96.63	ng	98
70) Phenanthrene	11.49	178	1393605	45.02	ng	98
71) Anthracene	11.54	178	1259314	40.51	ng	99
72) Carbazole	11.70	167	1170933	39.41	ng	99
73) Di-n-butylphthalate	12.03	149	1540096	47.93	ng	# 96
74) Fluoranthene	12.68	202	1417703	44.40	ng	95
76) Benzidine	12.80	184	413768	19.02	ng	96
77) Pyrene	12.91	202	1374112	35.97	ng	99
79) Butylbenzylphthalate	13.53	149	674296	43.47	ng	88
80) Benzo(a)anthracene	14.10	228	1198931	38.41	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	230631	20.73	ng	# 96
82) Chrysene	14.15	228	1207848	41.32	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	904136	42.62	ng	# 97
84) Di-n-octyl phthalate	14.69	149	1752146	50.72	ng	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	1094195	48.33	ng	94
87) Benzo(b)fluoranthene	15.15	252	1266475	42.99	ng	99
88) Benzo(k)fluoranthene	15.19	252	1204714m	47.36	ng	
89) Benzo(a)pyrene	15.52	252	1122779	44.06	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	905448	43.96	ng	96
91) Benzo(g,h,i)perylene	17.49	276	845597	40.64	ng	# 94

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

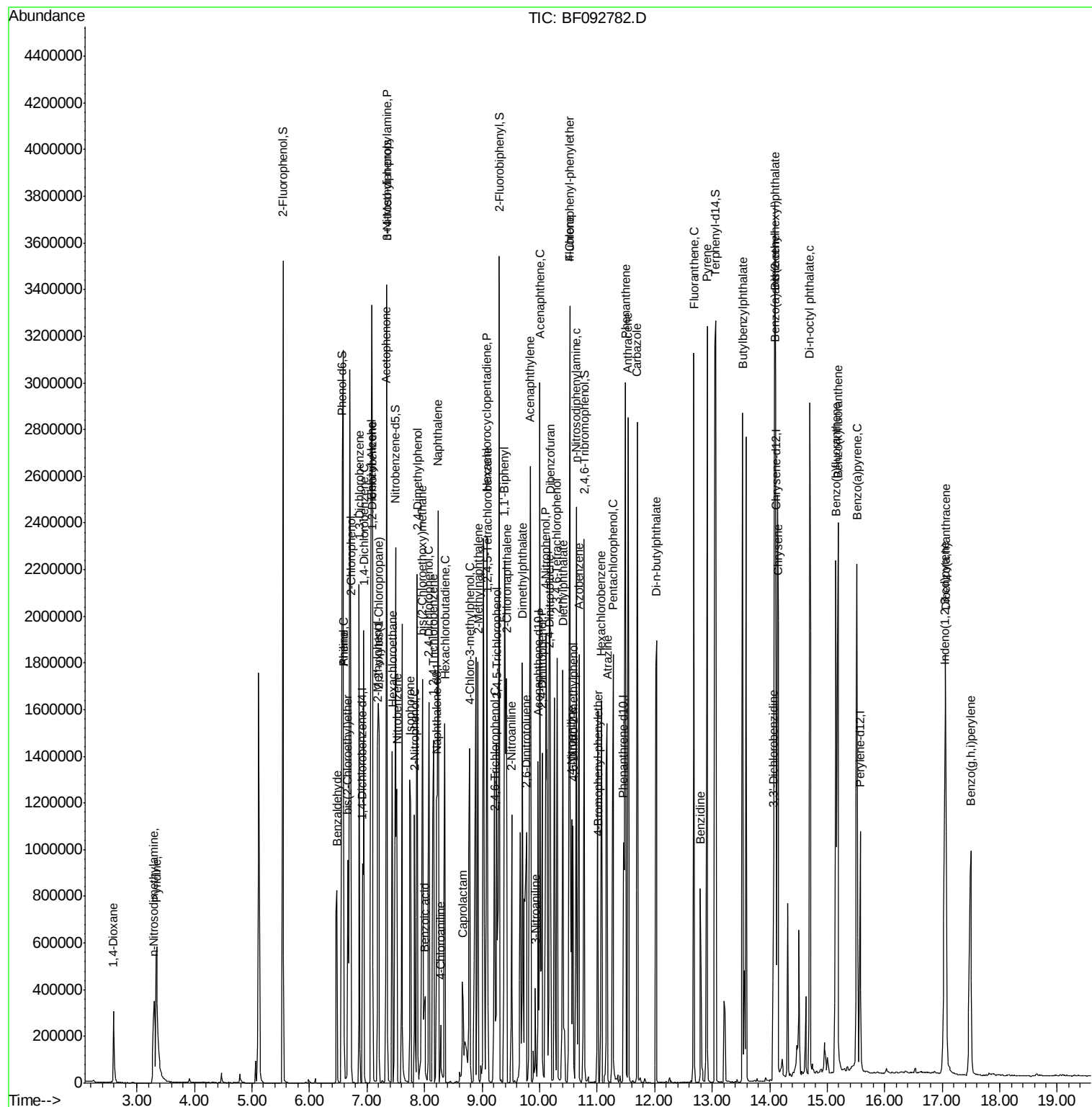
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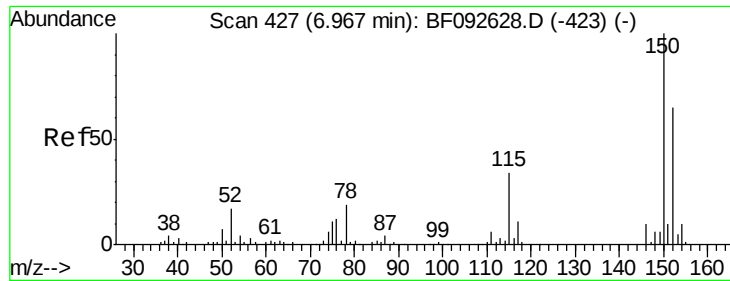
Instrument :
 BNA_F
 Client Sample ID :
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#1

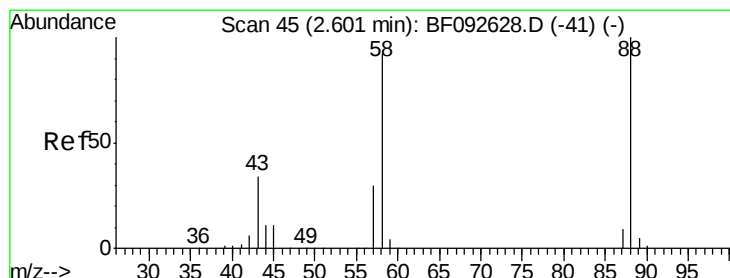
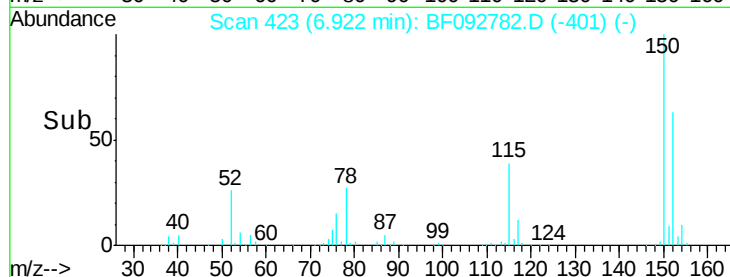
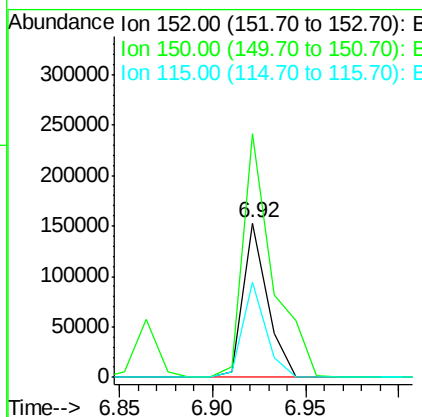
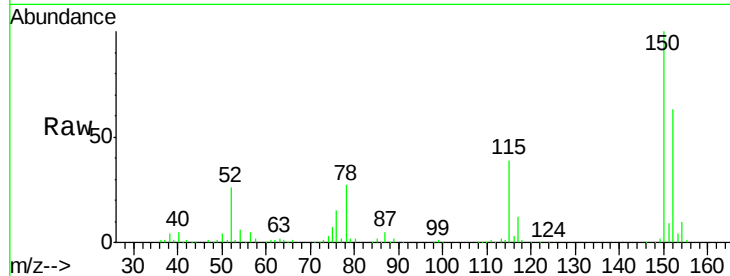
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	61.9	46.0	69.0

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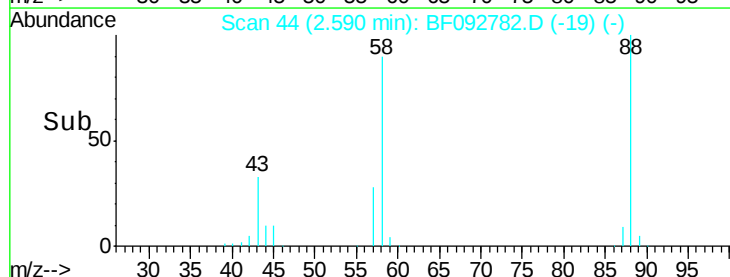
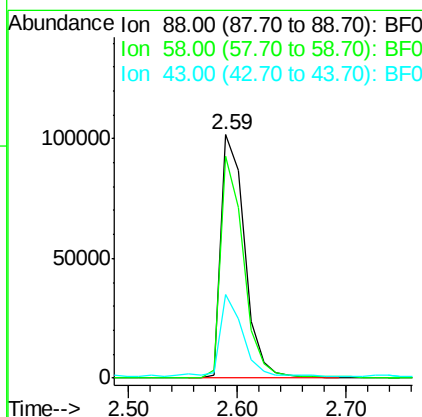
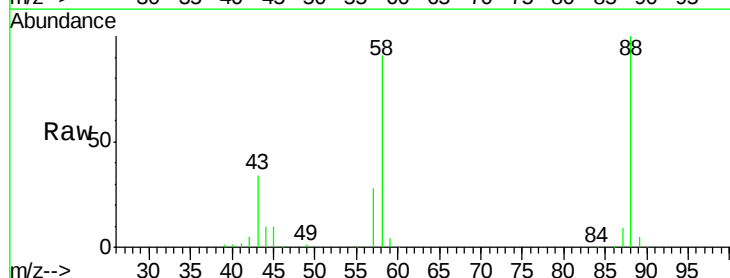
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#2

1,4-Dioxane
Concen: 35.29 ng
RT: 2.59 min Scan# 44
Delta R.T. -0.01 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	57.8	86.8#
43	32.5	22.3	33.5





#3

Pyridine

Concen: 42.69 ng

RT: 3.34 min Scan# 110

Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

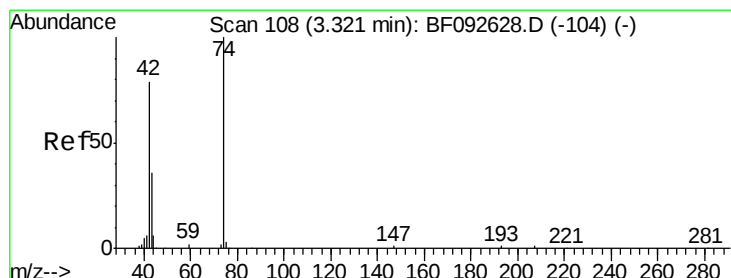
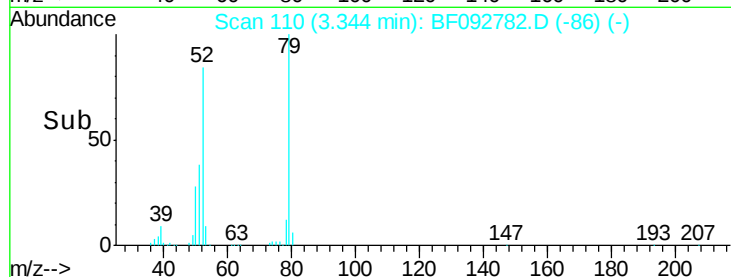
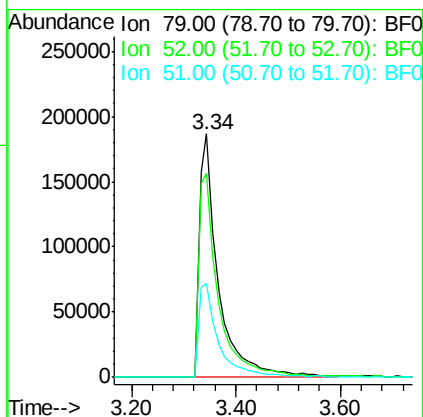
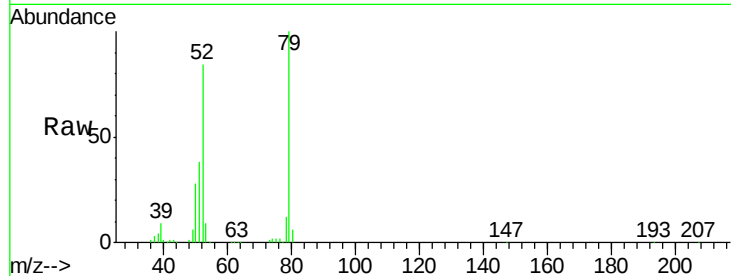
ClientSampleId :

PB96705BS

Tgt Ion:	79	Resp:	474385
Ion	Ratio	Lower	Upper
79	100		
52	83.8	57.1	85.7
51	38.4	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.91 ng

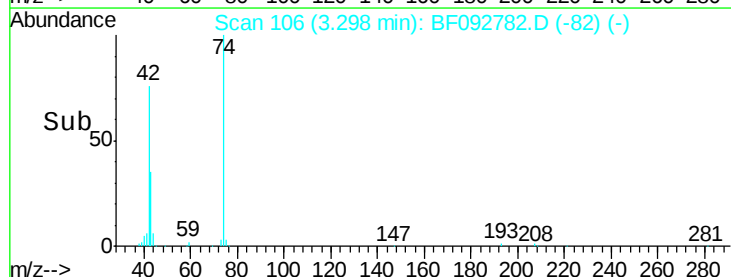
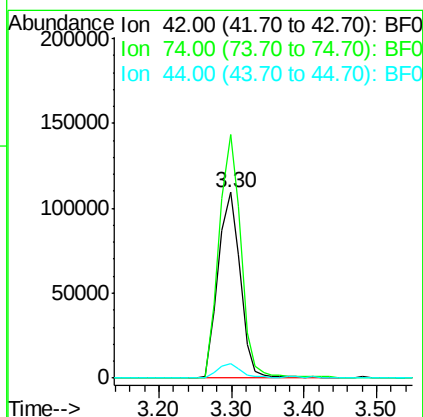
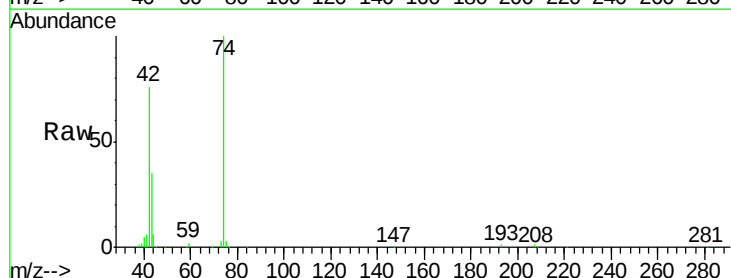
RT: 3.30 min Scan# 106

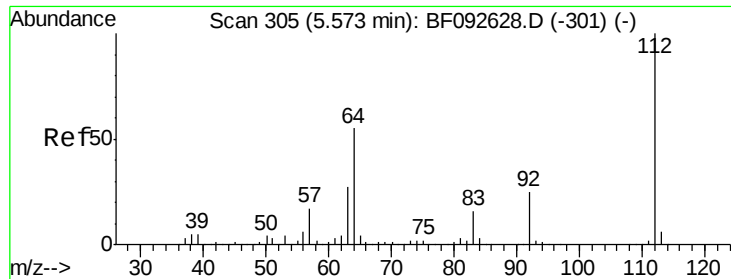
Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Tgt Ion:	42	Resp:	234347
Ion	Ratio	Lower	Upper
42	100		
74	131.1	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 128.28 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB96705BS

Tgt Ion: 112 Resp: 1037469

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

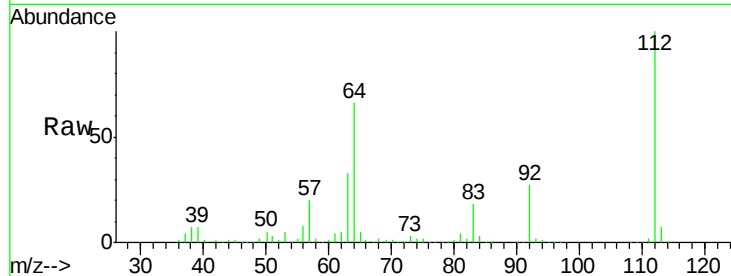
63 33.4 23.8 35.6

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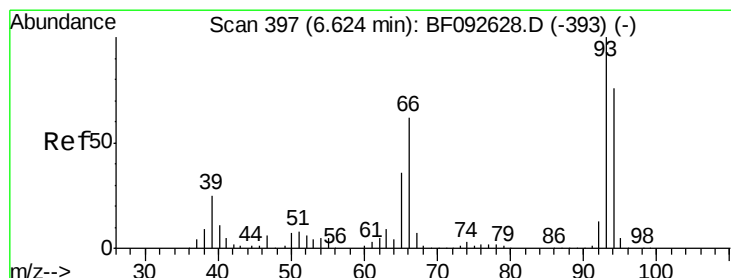
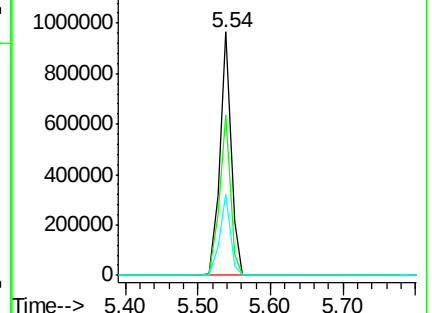
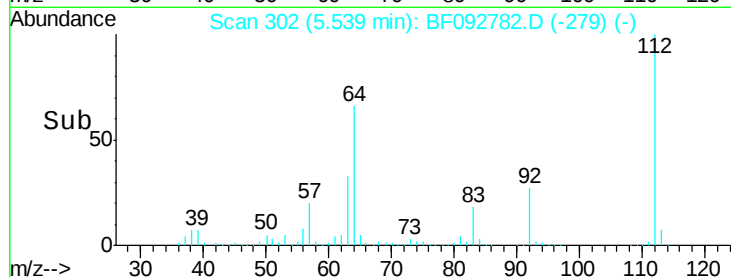
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.32 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

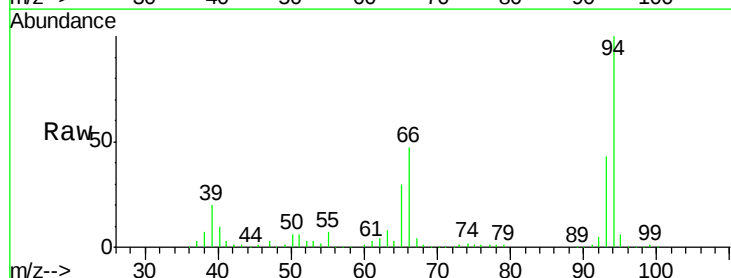
Tgt Ion: 93 Resp: 245815

Ion Ratio Lower Upper

93 100

66 109.9 76.2 114.2

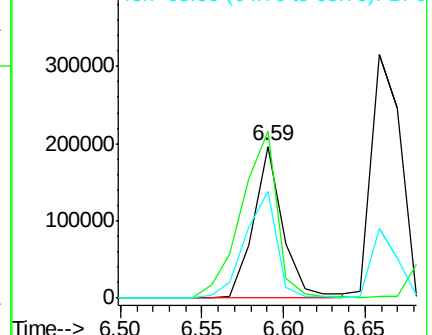
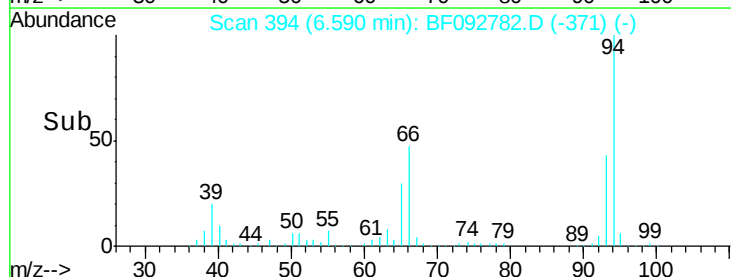
65 70.2 49.3 73.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.59 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB96705BS

Tgt Ion: 99 Resp: 1473424

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

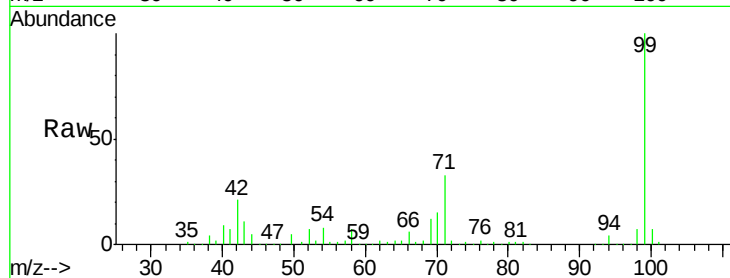
71 32.9 27.5 41.3

Manual Integrations

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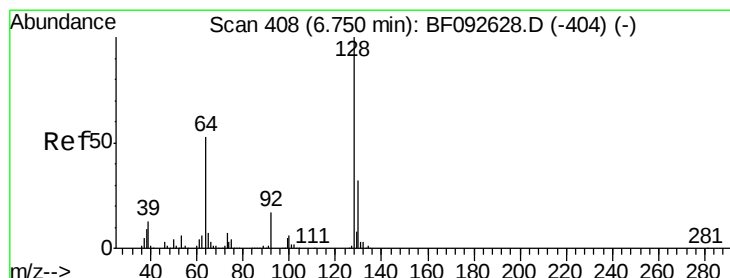
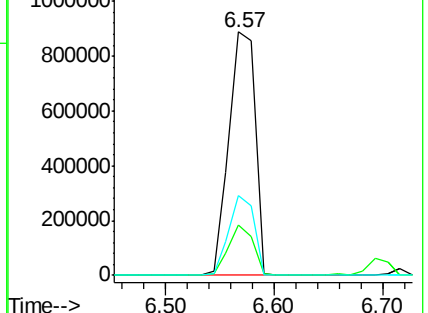
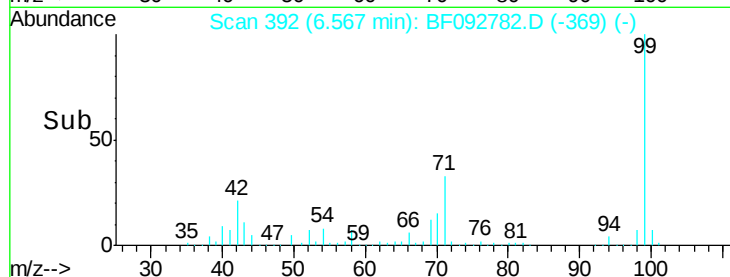
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.20 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

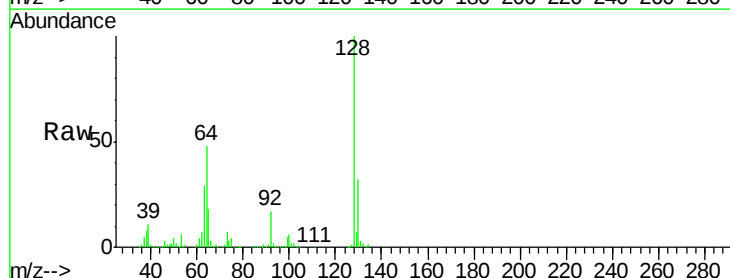
Tgt Ion: 128 Resp: 430075

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

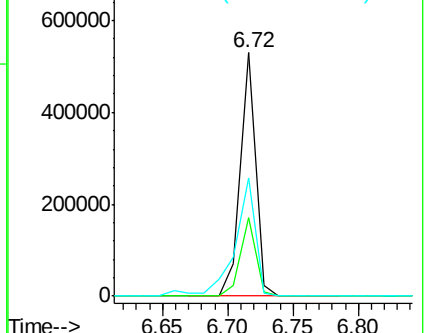
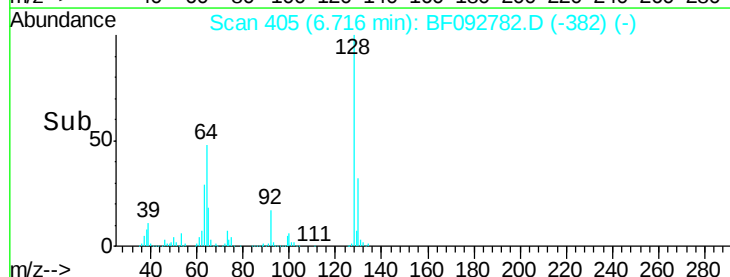
64 48.5 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





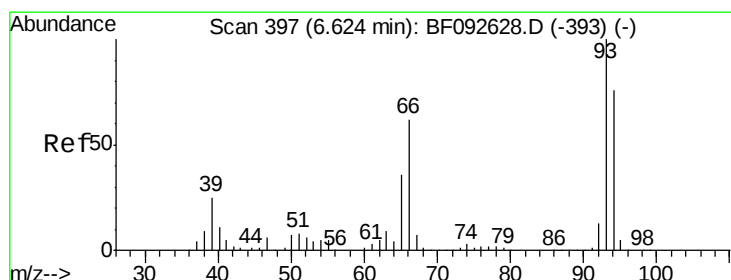
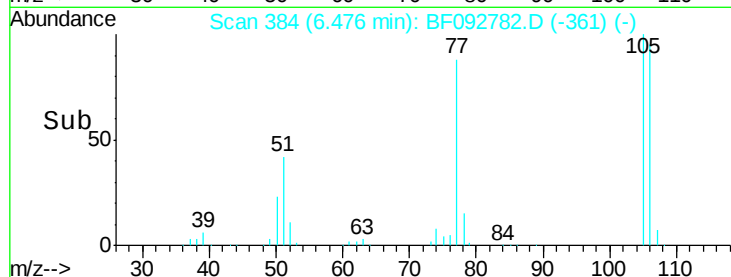
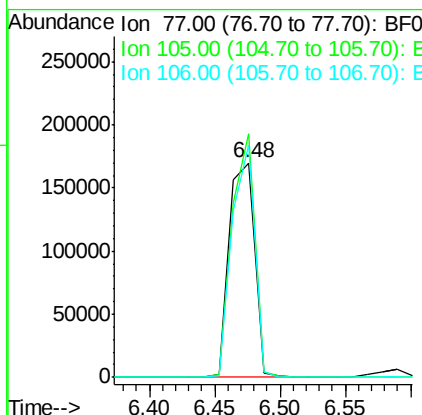
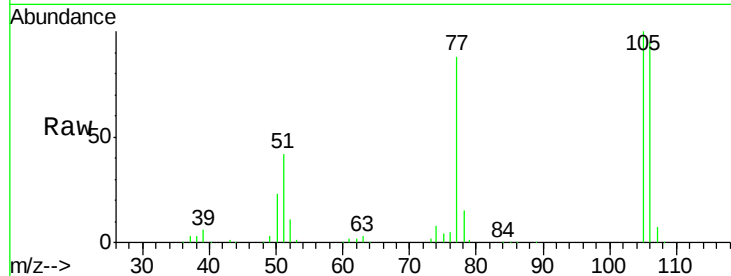
#9
Benzaldehyde
Concen: 30.75 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	113.6	83.9	123.9
106	108.4	77.6	117.6

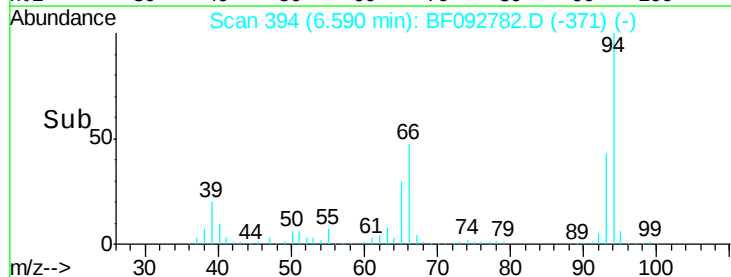
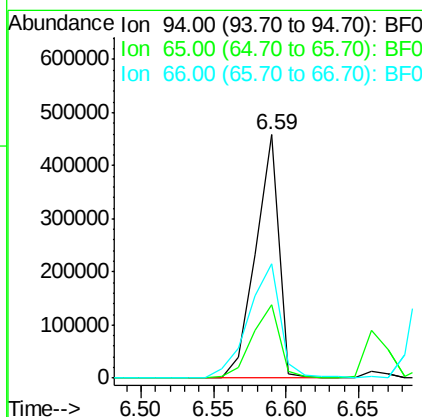
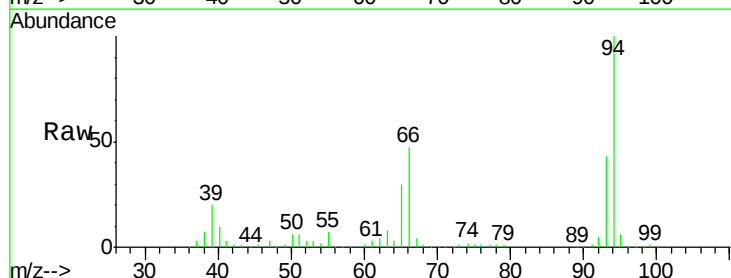
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#10
Phenol
Concen: 41.83 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	21.4	61.4
66	47.1	44.0	84.0





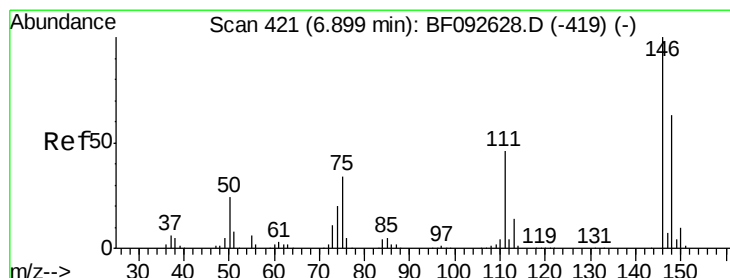
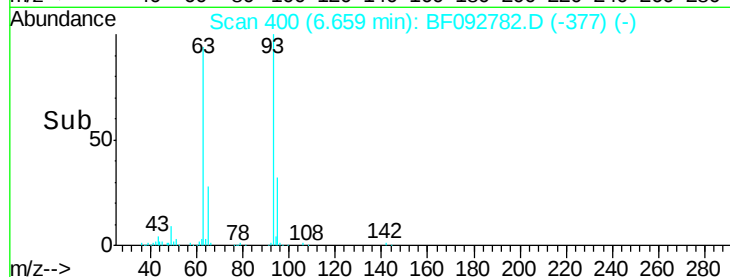
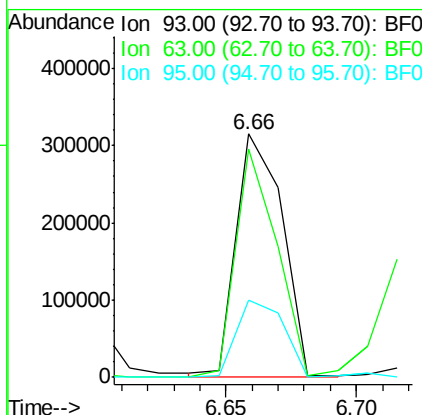
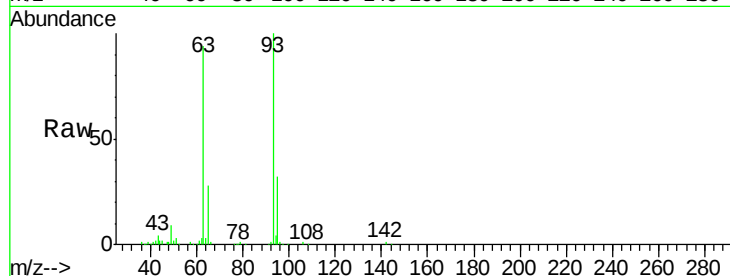
#11
bis(2-Chloroethyl)ether
Concen: 40.55 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	93.8	60.4	100.4
95	31.8	12.8	52.8

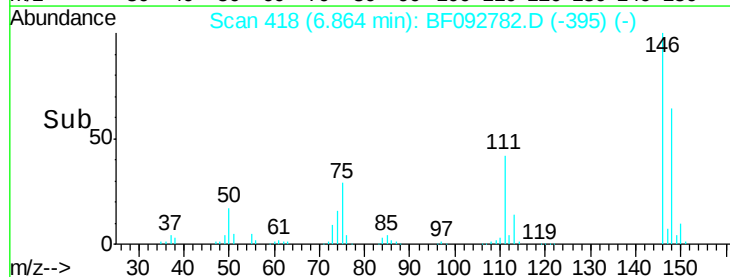
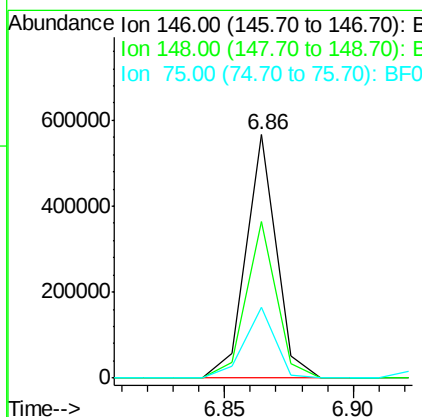
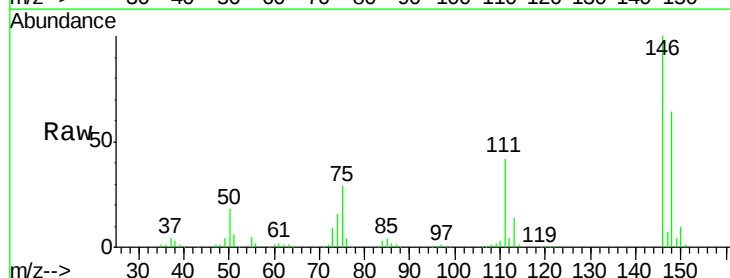
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#12
1,3-Dichlorobenzene
Concen: 44.44 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	29.0	18.5	27.7#





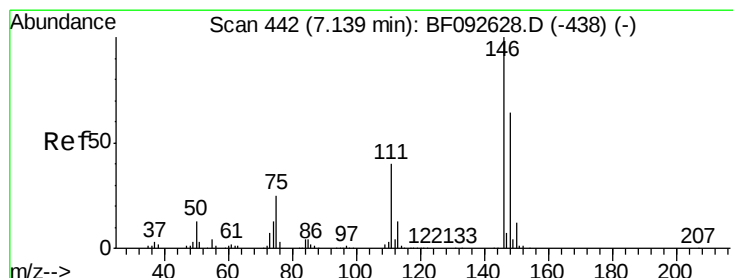
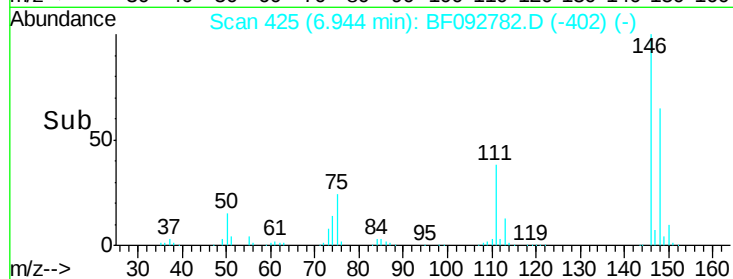
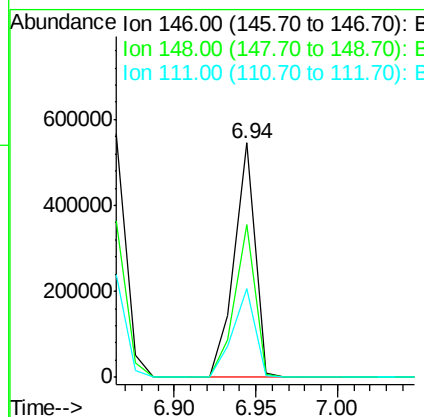
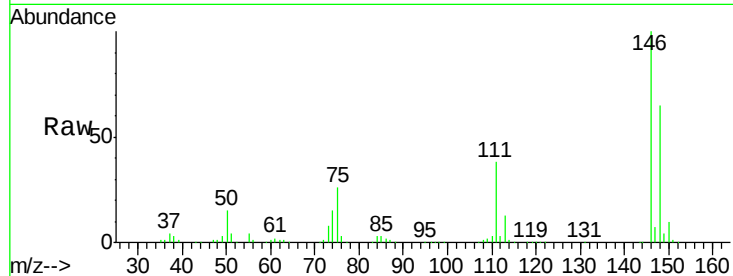
#13
 1,4-Dichlorobenzene
 Concen: 45.55 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	76.0
111	38.1	36.2	54.4

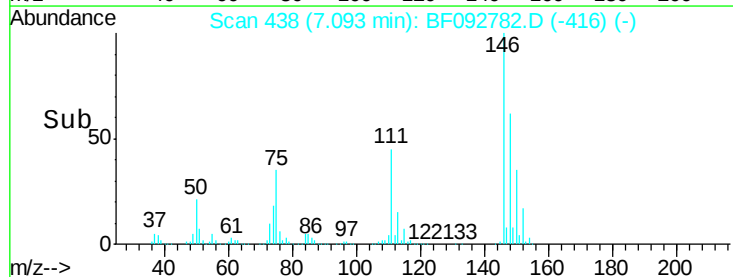
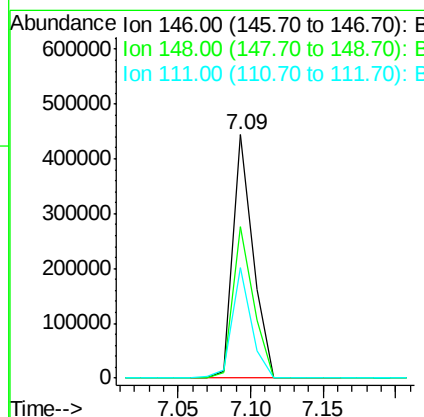
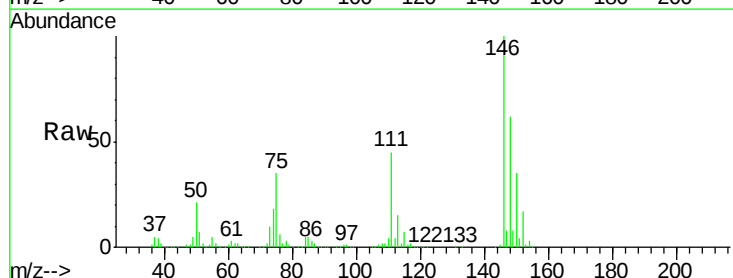
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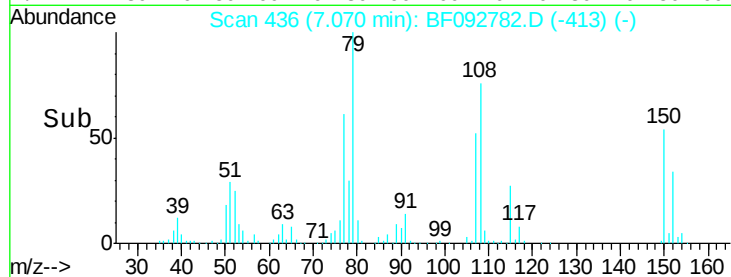
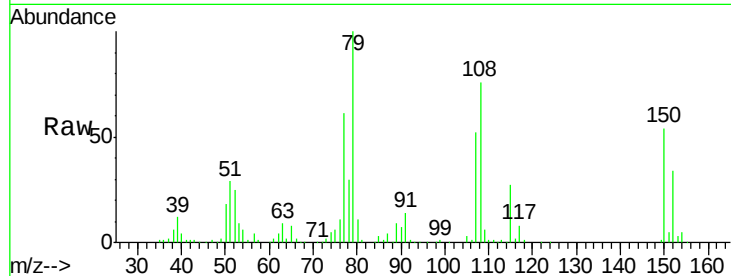
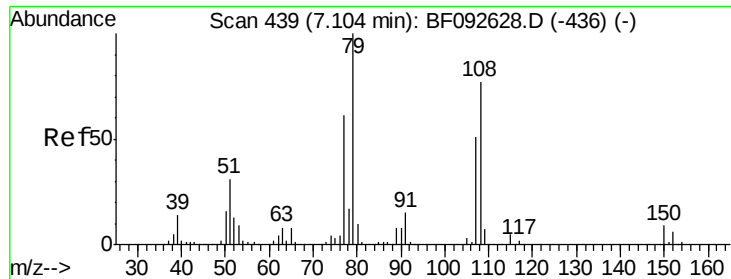
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#14
 1,2-Dichlorobenzene
 Concen: 42.07 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.05 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	45.2	36.2	54.2





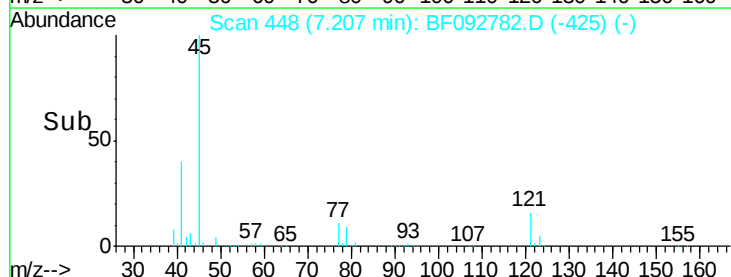
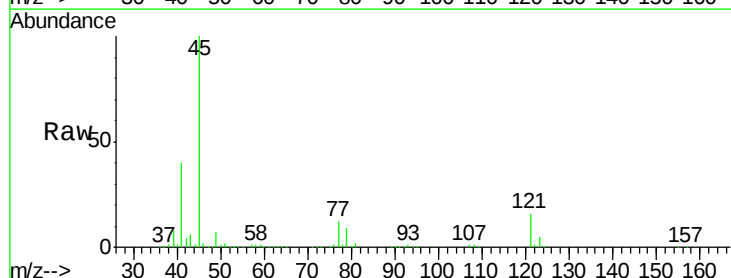
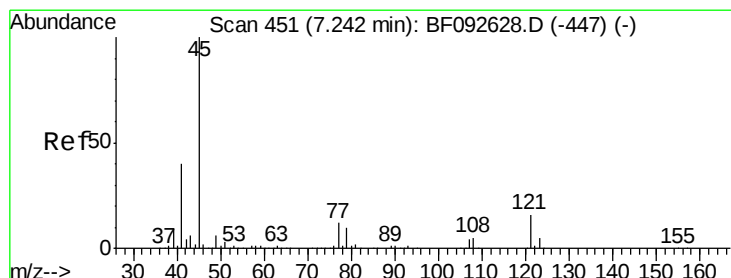
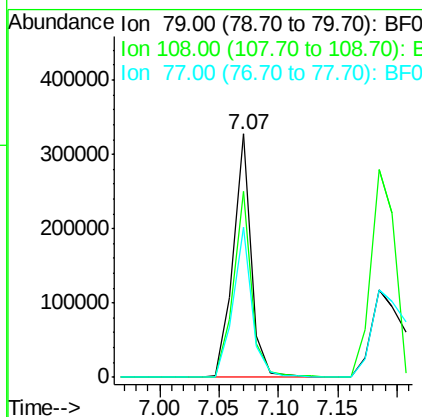
#15
Benzyl Alcohol
Concen: 45.21 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	348276		
108	76.2	61.4	92.0	
77	61.4	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB96705BS

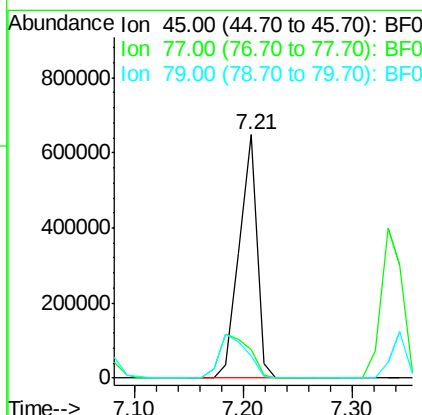
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.03 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	726404		
77	11.6	0.0	34.6	
79	9.3	0.0	31.2	





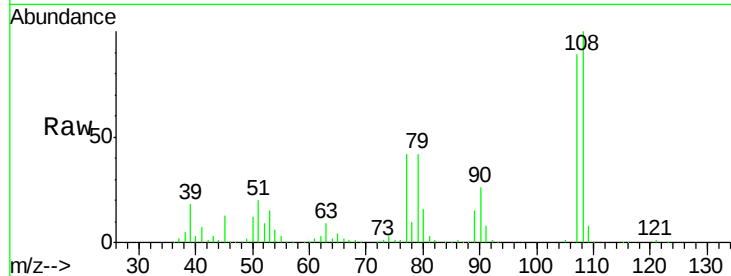
#17
2-Methylphenol
Concen: 45.17 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion:	107	Resp:	345722
Ion Ratio	Lower	Upper	
107	100		
108	112.7	93.0	139.6
77	47.3	39.8	59.8
79	47.1	38.0	57.0

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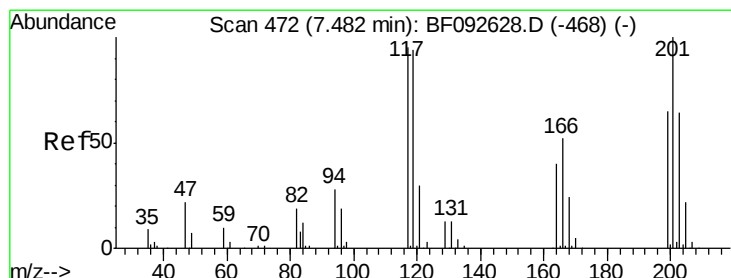
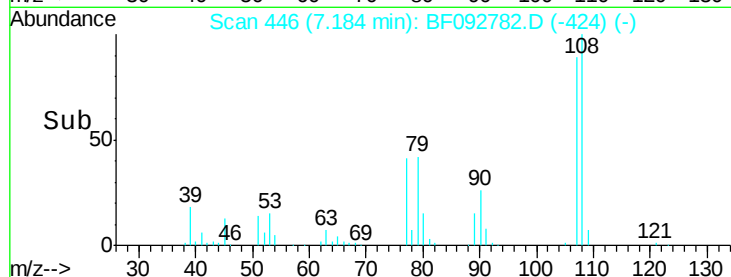
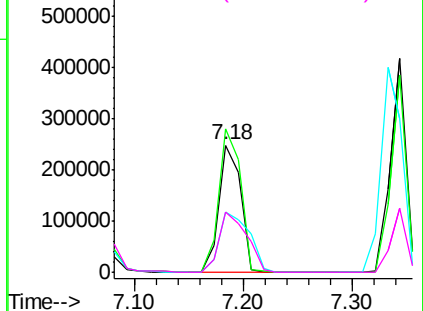
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.18 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

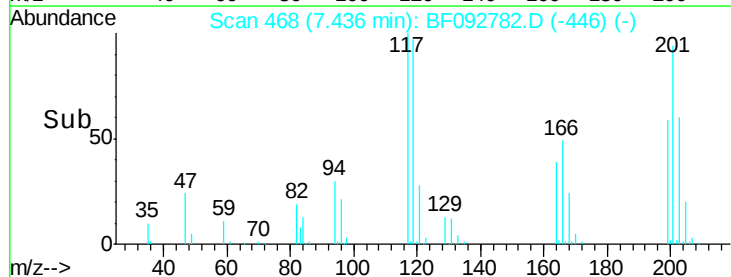
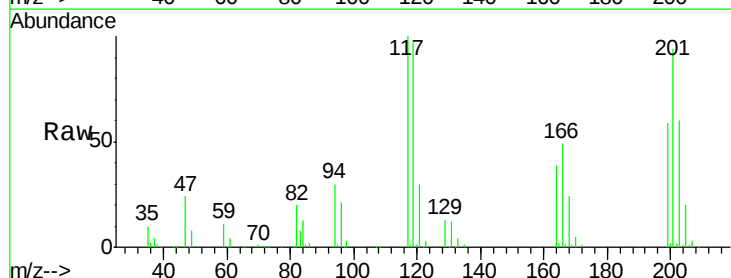
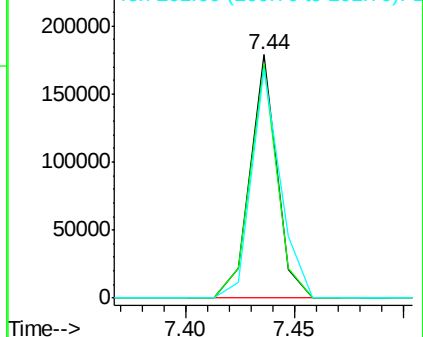
Tgt Ion:	117	Resp:	152293
Ion Ratio	Lower	Upper	
117	100		
119	96.6	78.1	117.1
201	94.0	78.6	117.8

Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





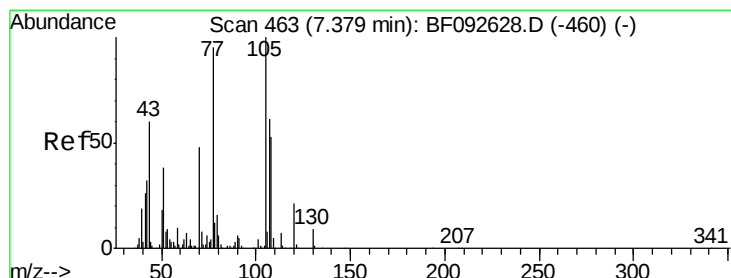
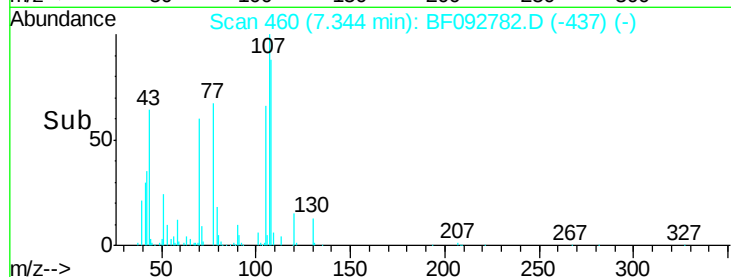
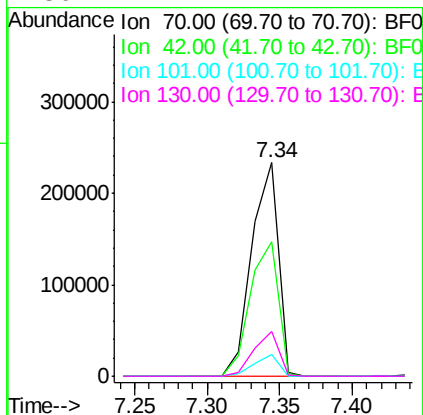
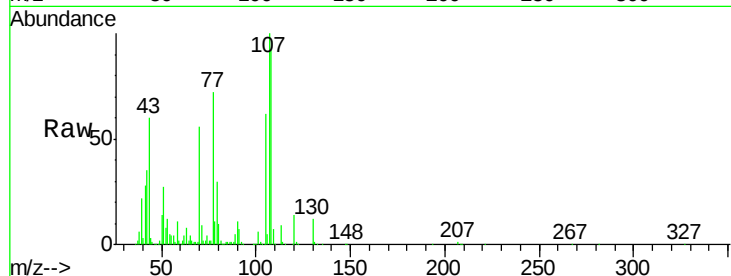
#19
n-Nitroso-di-n-propylamine
Concen: 45.09 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	298680		
42	62.8	49.4	74.0	
101	10.1	7.4	11.2	
130	21.2	14.2	21.4	

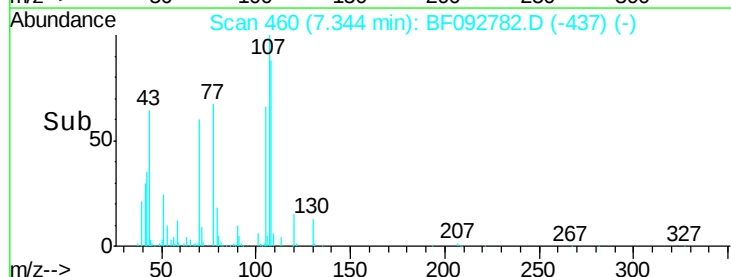
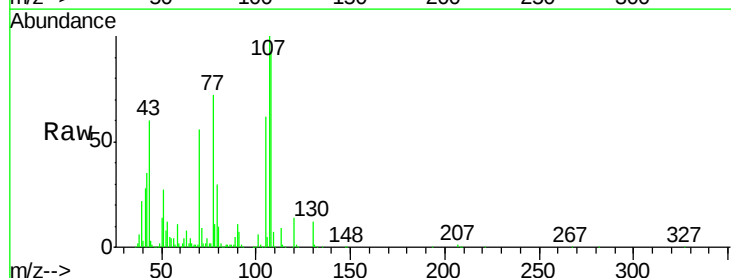
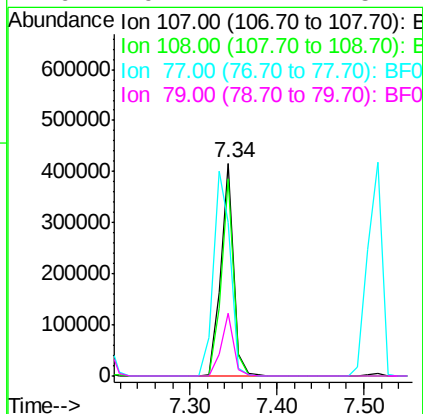
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#20
3+4-Methylphenols
Concen: 47.41 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	433880		
108	92.2	73.0	113.0	
77	72.1	71.3	111.3	
79	29.7	11.1	51.1	





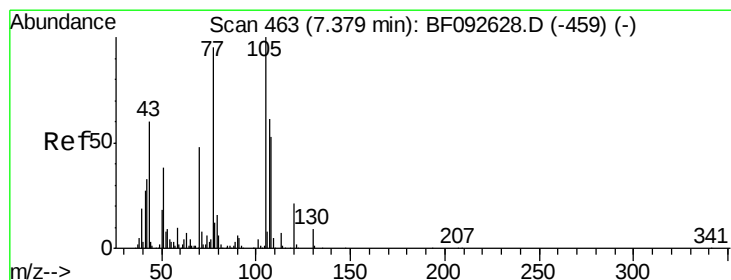
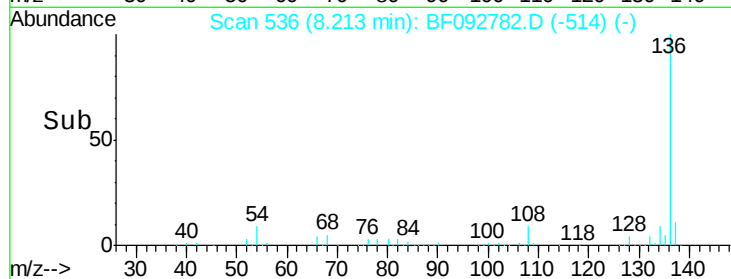
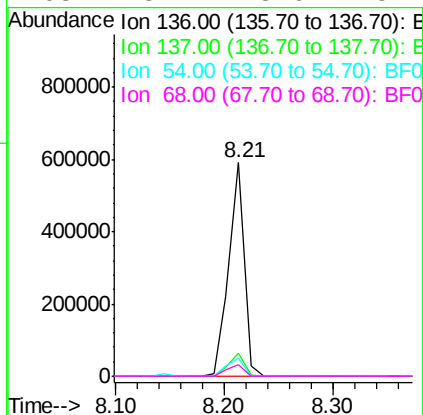
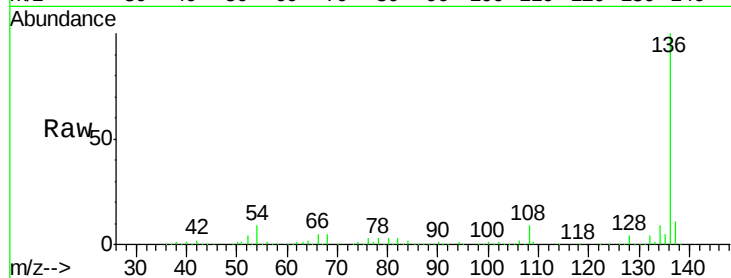
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	578944		
137	10.9	8.4	12.6	
54	8.6	4.5	6.7#	
68	5.4	3.6	5.4	

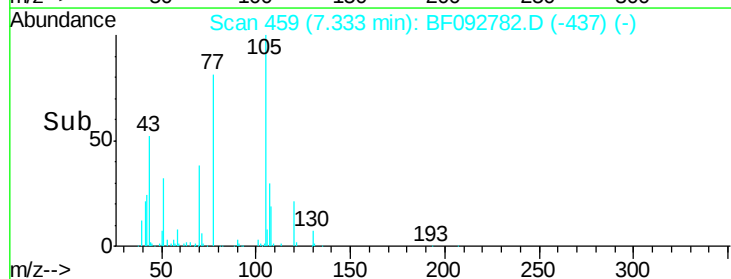
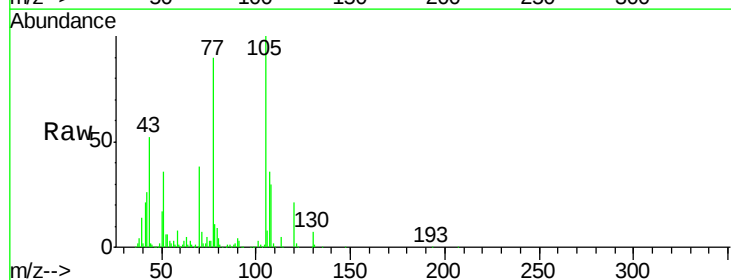
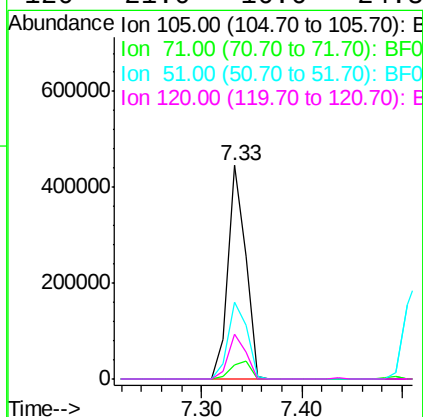
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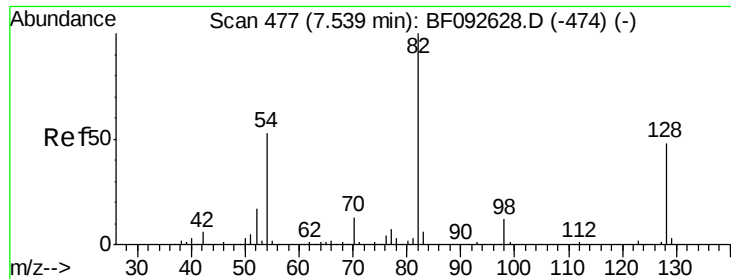
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#22
Acetophenone
Concen: 41.12 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	543575		
71	6.6	3.2	4.8#	
51	36.2	26.2	39.4	
120	21.0	16.6	24.8	





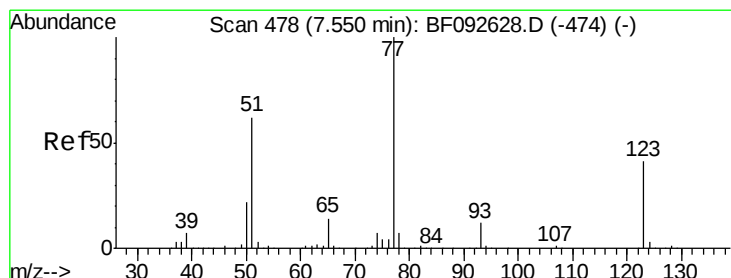
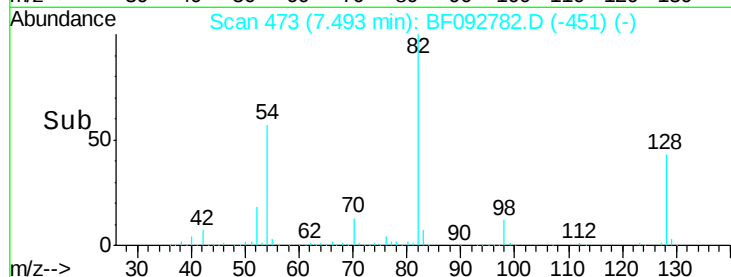
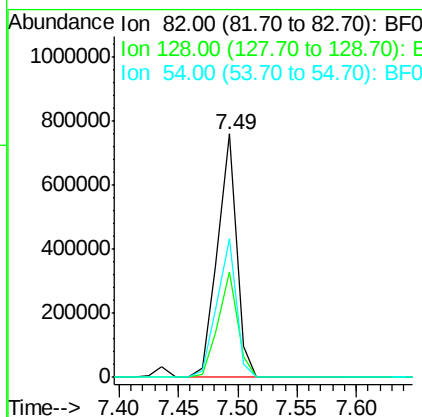
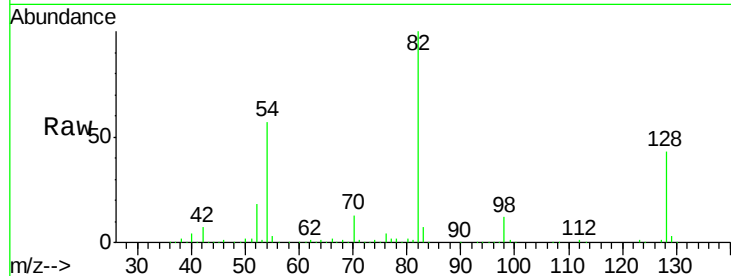
#23
Nitrobenzene-d5
Concen: 81.31 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	845359		
128	43.3	34.6	52.0	
54	57.0	39.5	59.3	

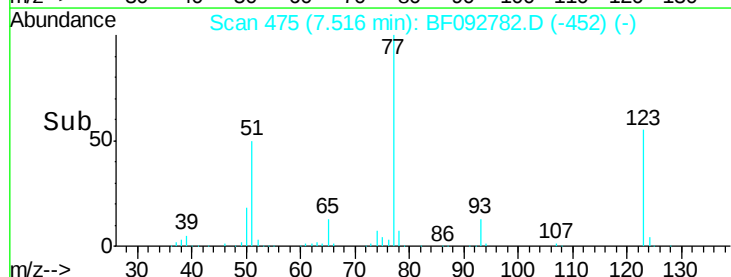
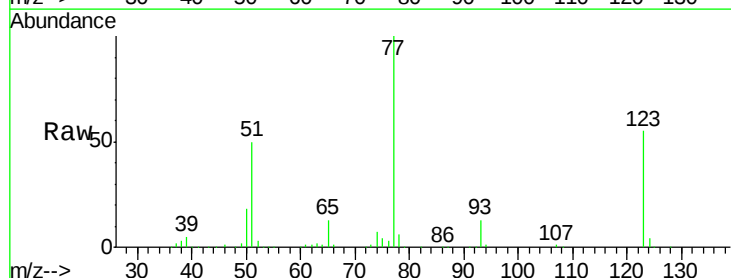
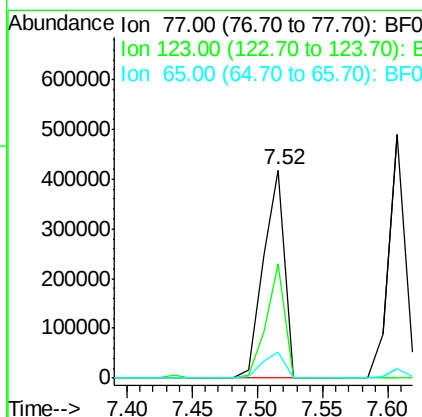
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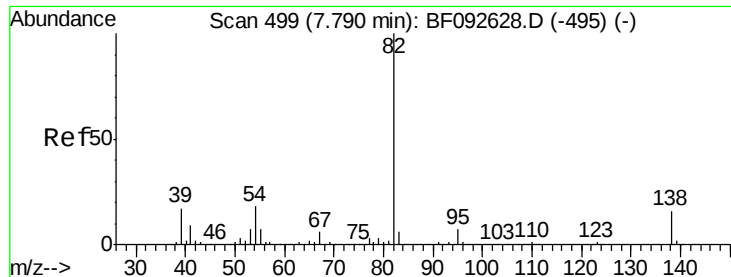
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#24
Nitrobenzene
Concen: 44.25 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	472395		
123	55.2	33.0	49.4#	
65	12.7	11.2	16.8	





#25

Isophorone

Concen: 42.67 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

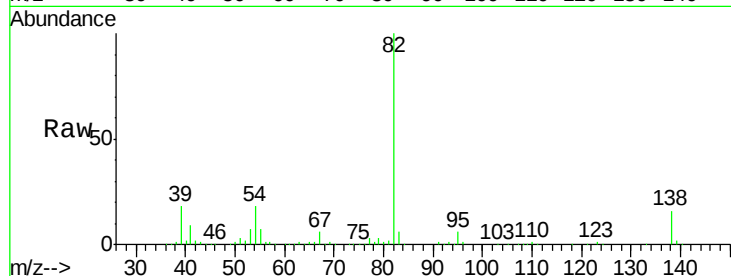
ClientSampleId :

PB96705BS

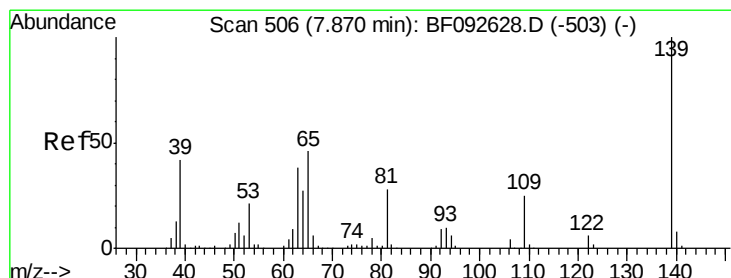
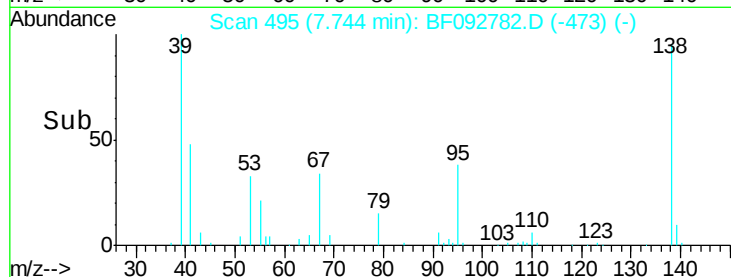
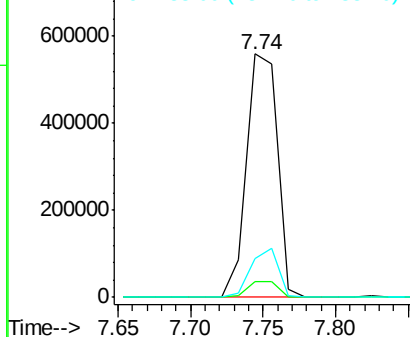
Tgt Ion:	82	Resp:	826629
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.6	8.4
138	16.1	14.6	22.0

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.18 ng

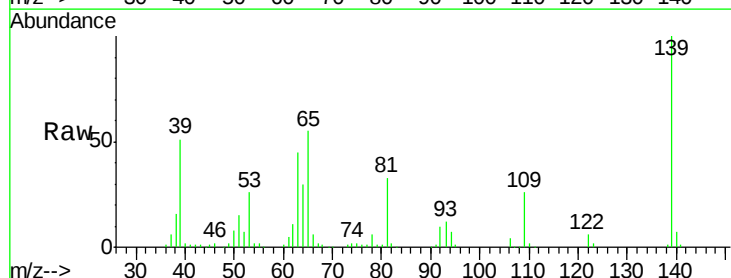
RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

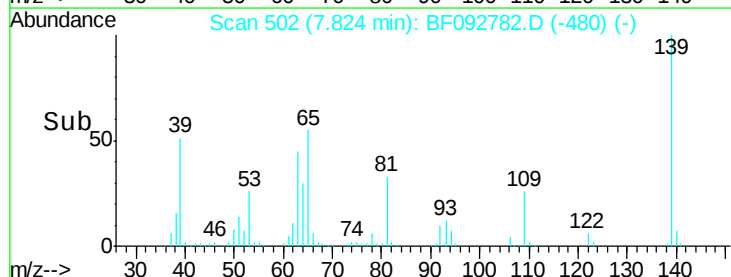
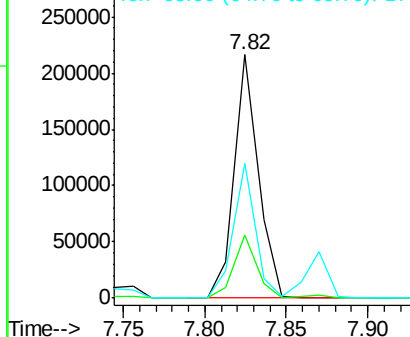
Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Tgt Ion:	139	Resp:	219142
Ion Ratio		Lower	Upper
139	100		
109	26.1	23.3	34.9
65	55.2	42.7	64.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





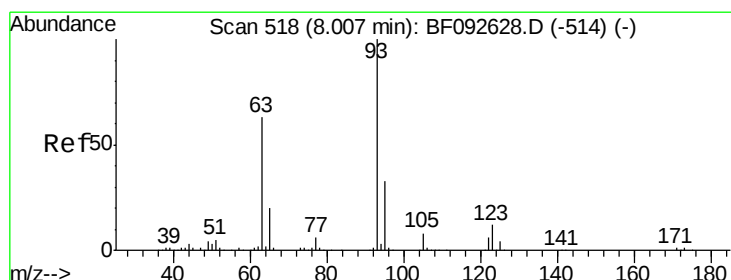
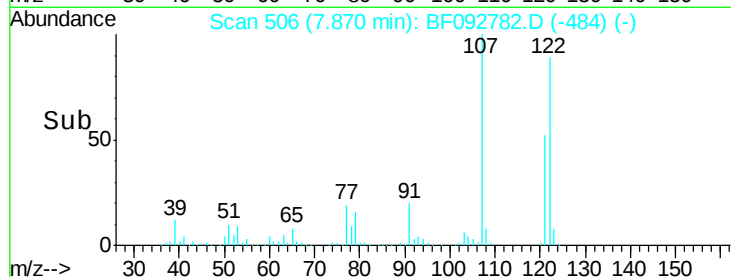
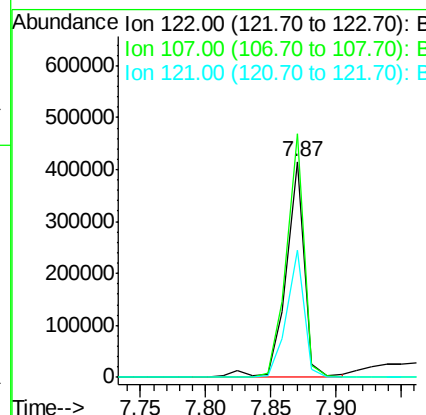
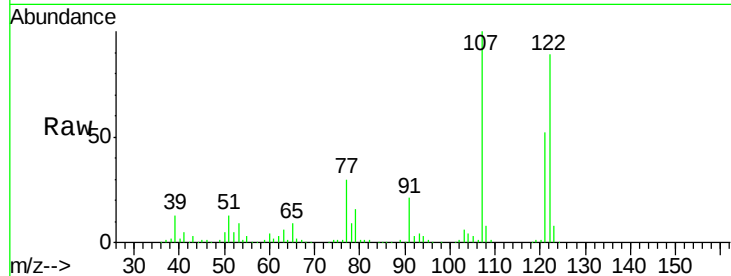
#27
2,4-Dimethylphenol
Concen: 46.13 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	411106		
107	112.9	94.1	141.1	
121	59.0	46.0	69.0	

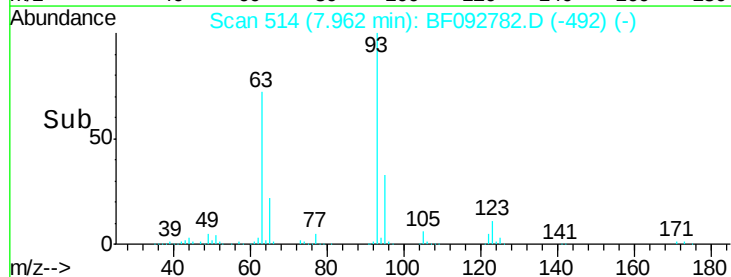
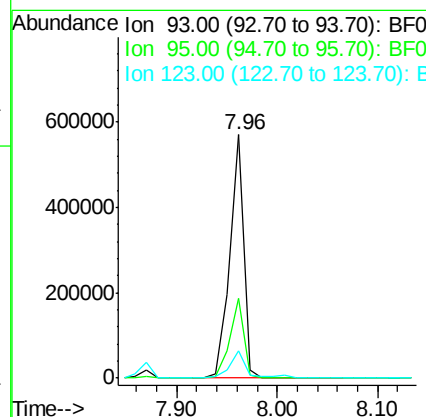
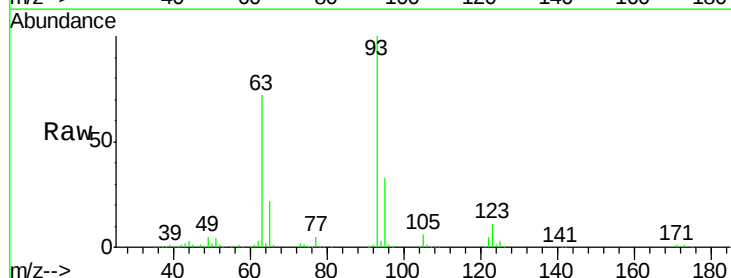
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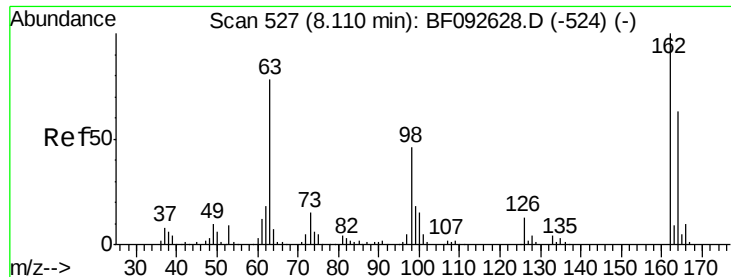
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#28
bis(2-Chloroethoxy)methane
Concen: 42.86 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	549939		
95	32.7	26.5	39.7	
123	11.3	8.6	13.0	





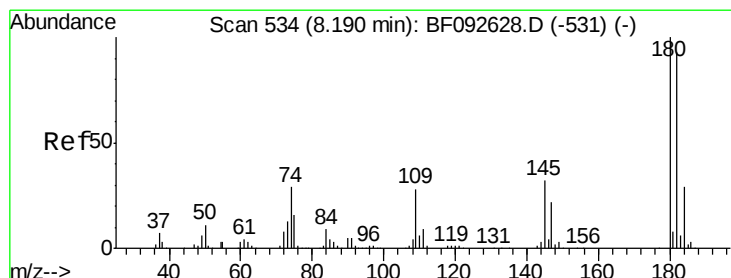
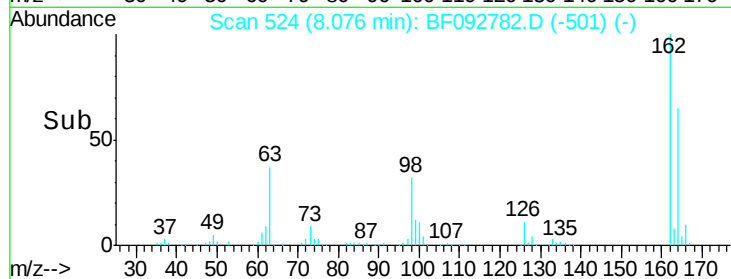
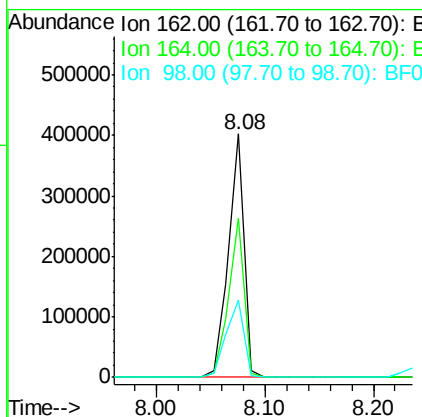
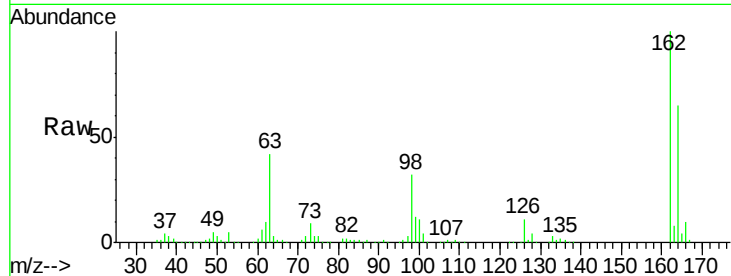
#29
2,4-Dichlorophenol
Concen: 47.98 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	398781		
164	65.5	46.8	86.8	
98	31.6	9.1	49.1	

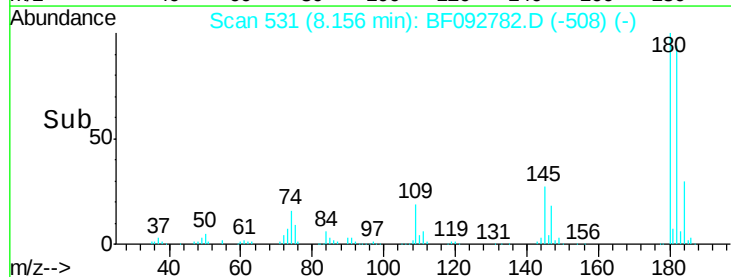
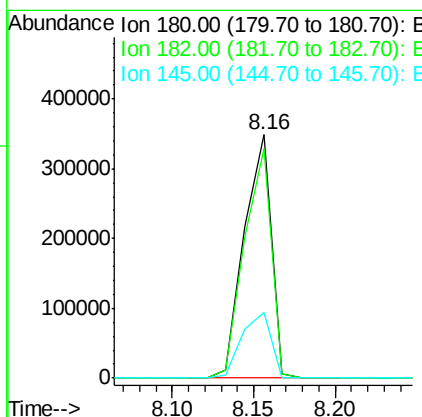
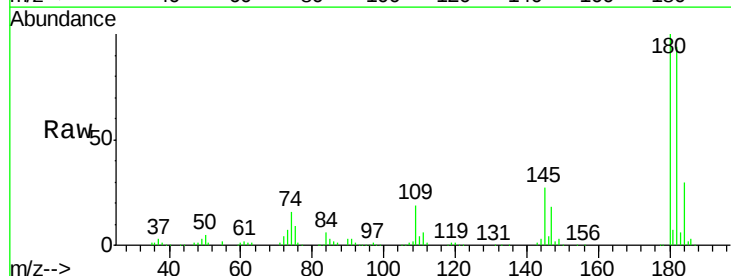
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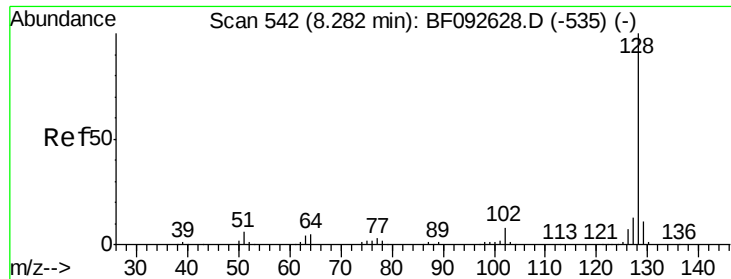
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#30
1,2,4-Trichlorobenzene
Concen: 44.71 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400464		
182	94.1	78.2	117.4	
145	27.2	21.6	32.4	





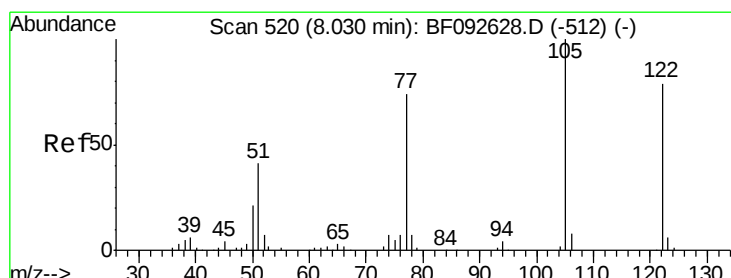
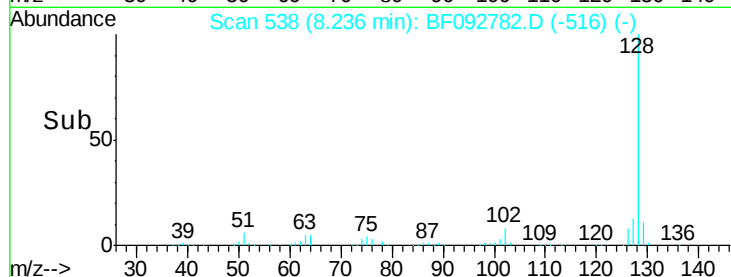
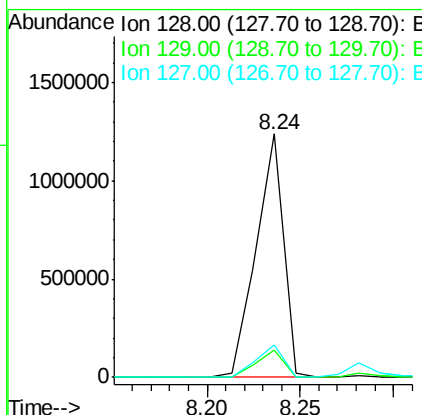
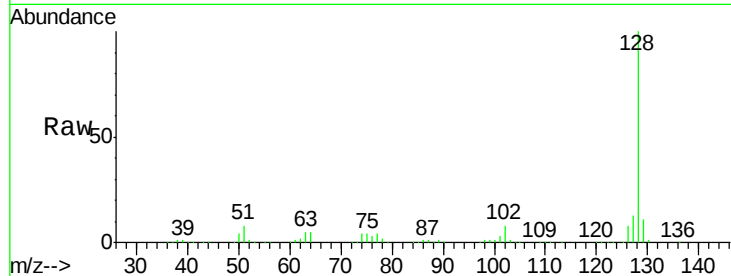
#31
Naphthalene
Concen: 42.70 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion:128 Resp: 1253278
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.4 10.8 16.2

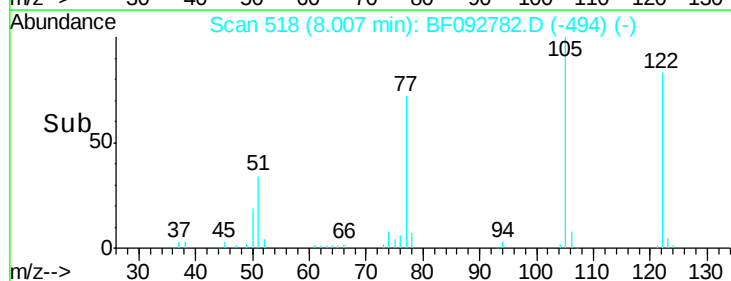
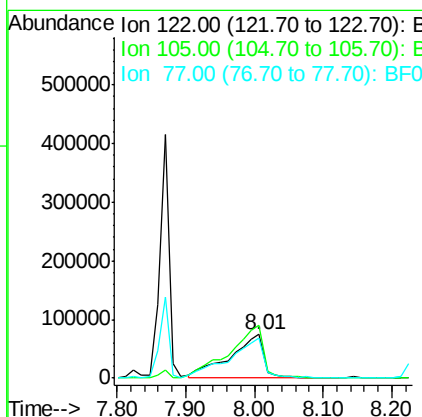
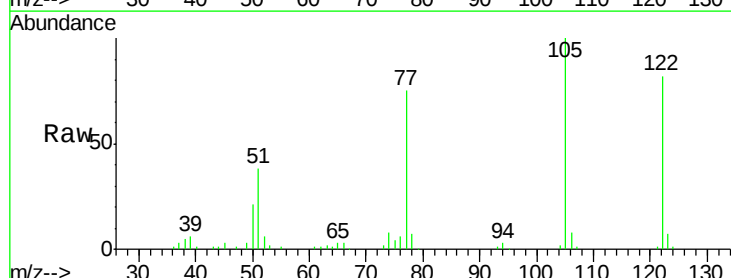
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#32
Benzoic acid
Concen: 49.29 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion:122 Resp: 250034
Ion Ratio Lower Upper
122 100
105 121.4 107.2 147.2
77 91.7 74.5 114.5





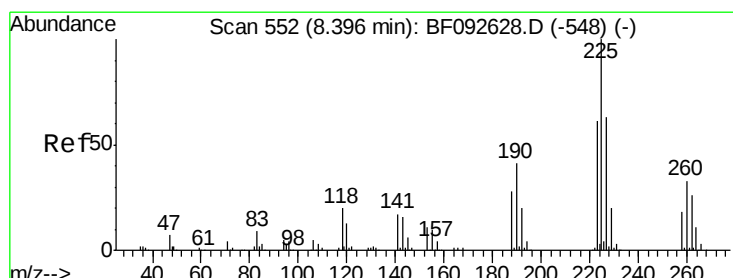
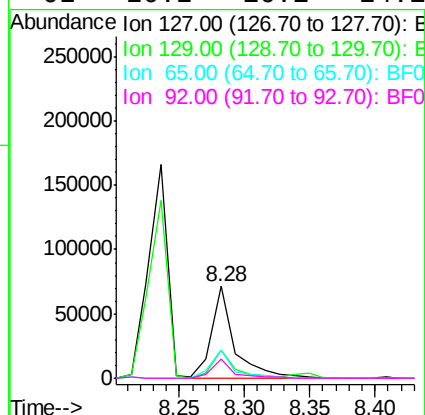
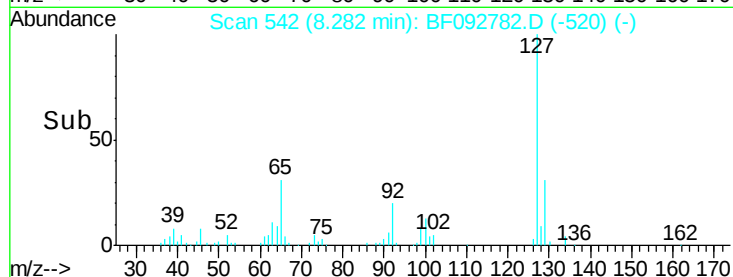
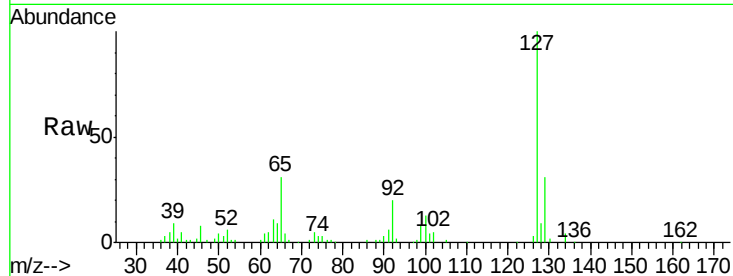
#33
4-Chloroaniline
Concen: 7.46 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion:	127	Resp:	85891
Ion Ratio	Lower	Upper	
127	100		
129	31.1	26.3	39.5
65	30.6	25.8	38.8
92	20.2	16.1	24.1

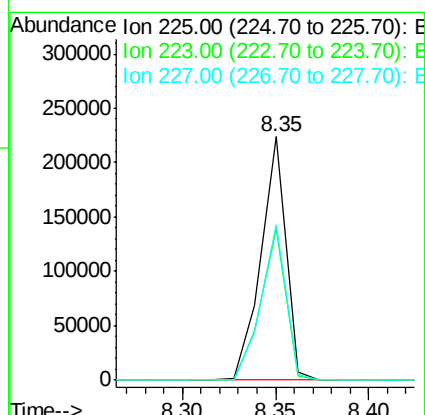
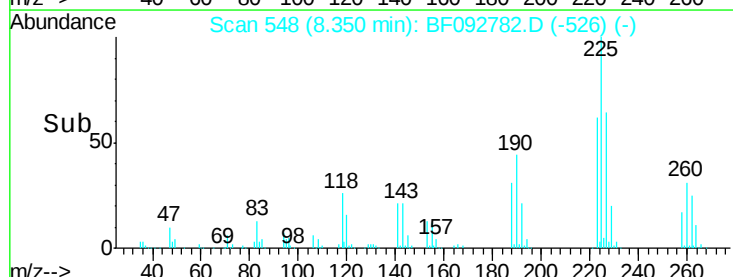
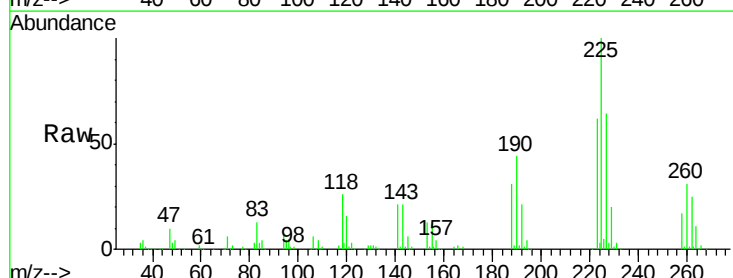
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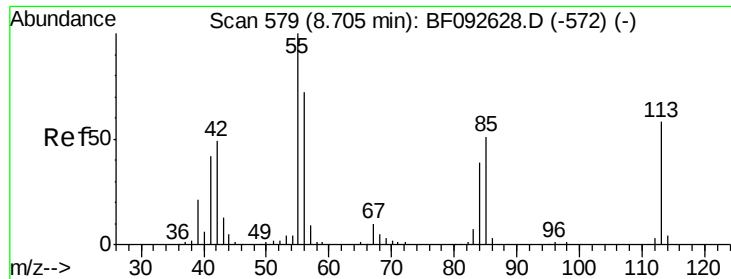
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#34
Hexachlorobutadiene
Concen: 41.83 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion:	225	Resp:	206138
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.0	76.6
227	63.8	50.6	76.0





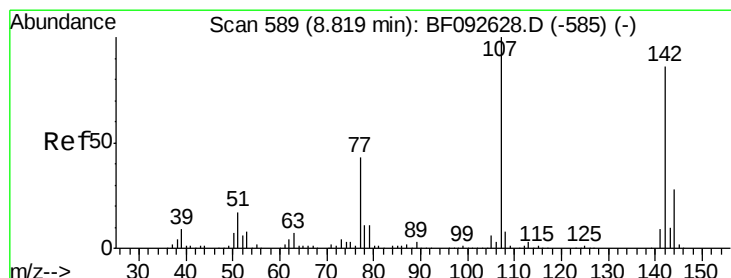
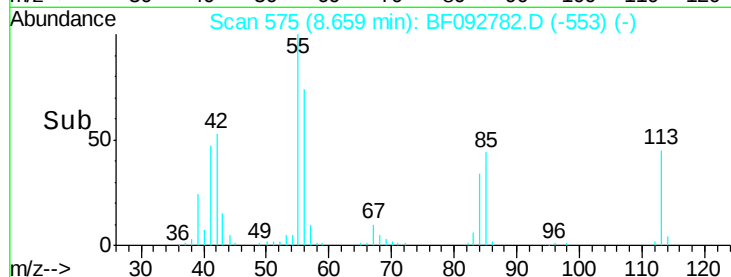
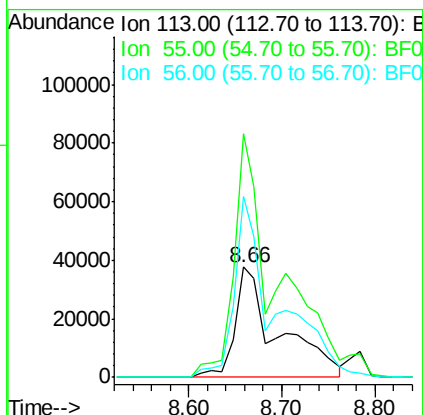
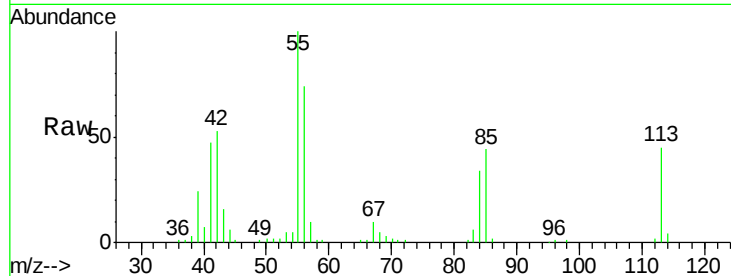
#35
 Caprolactam
 Concen: 46.52 ng m
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion:113 Resp: 121625
 Ion Ratio Lower Upper
 113 100
 55 220.4 119.2 159.2#
 56 163.5 83.8 123.8#

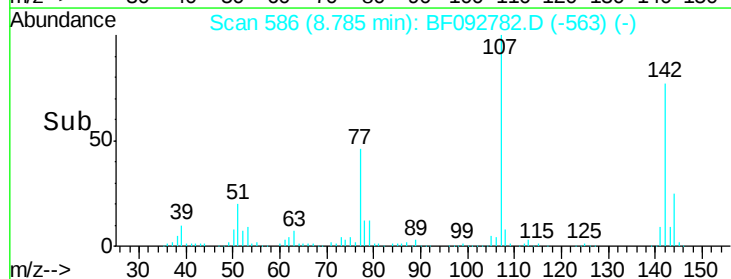
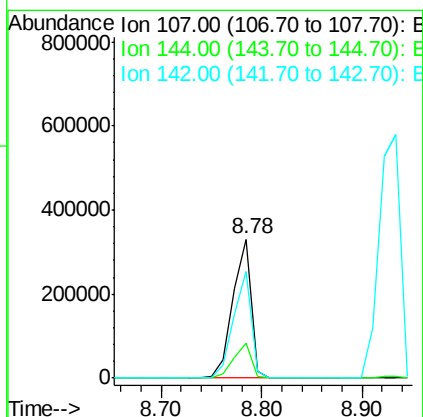
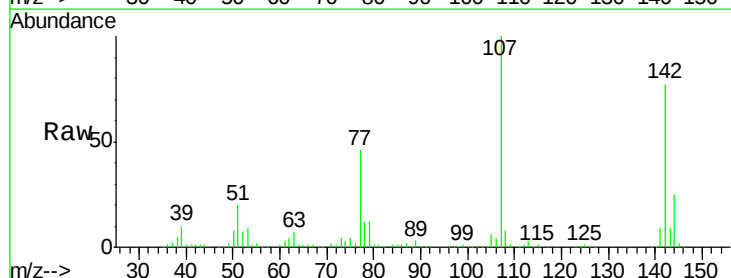
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#36
 4-Chloro-3-methylphenol
 Concen: 48.45 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion:107 Resp: 419839
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 77.2 59.0 88.6





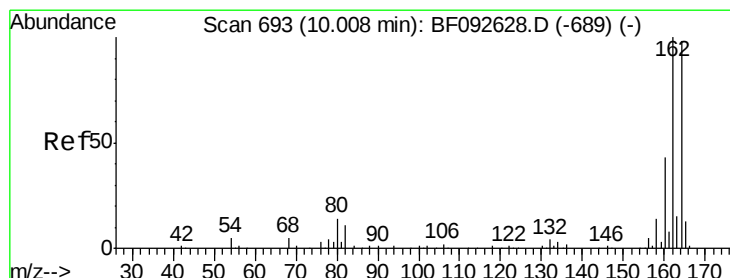
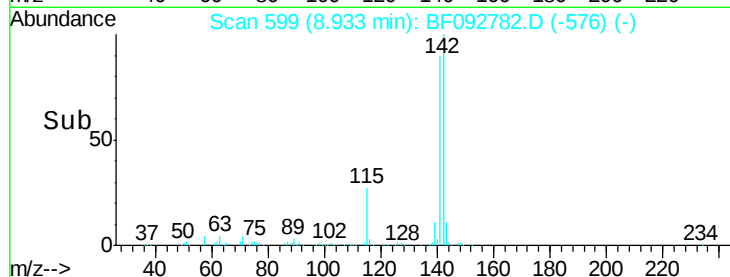
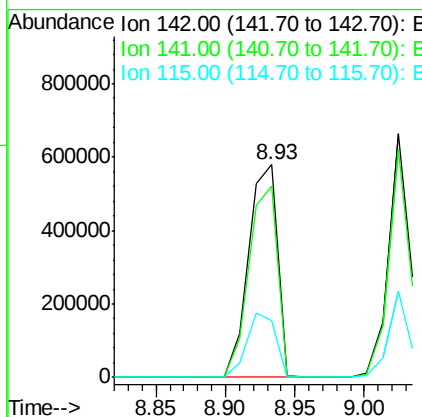
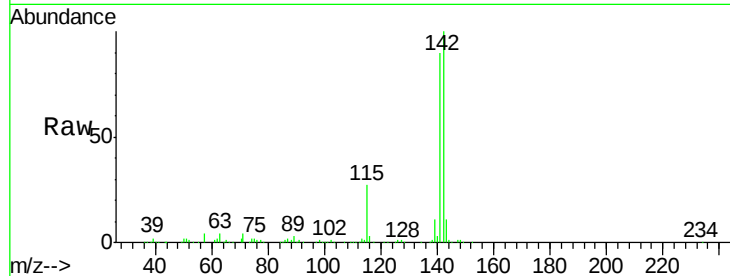
#37
 2-Methylnaphthalene
 Concen: 45.01 ng m
 RT: 8.93 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	26.9	28.3	42.5#

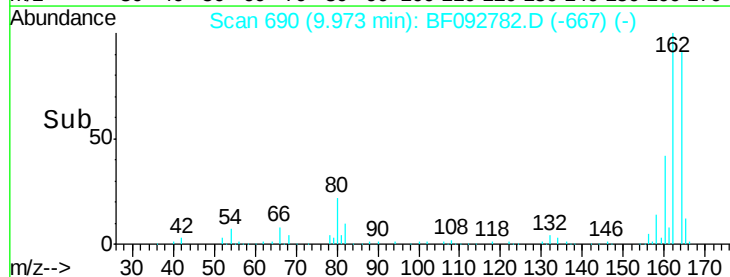
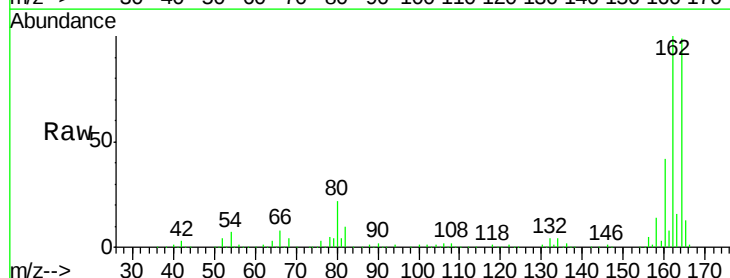
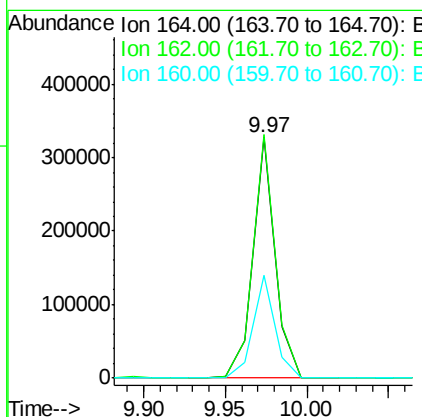
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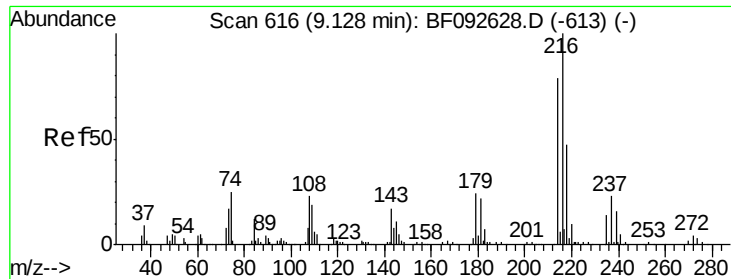
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.0	36.9	55.3





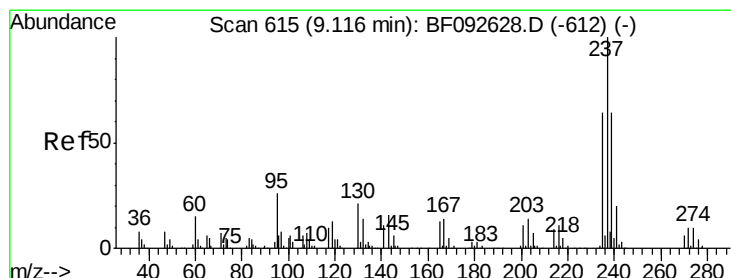
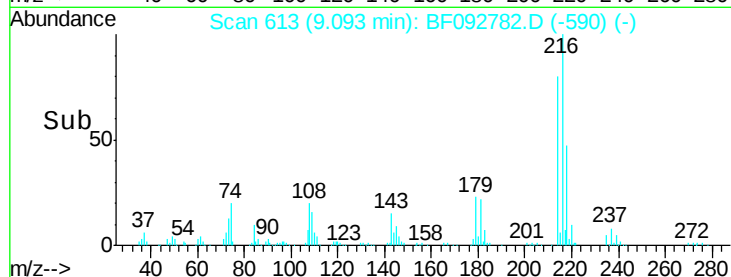
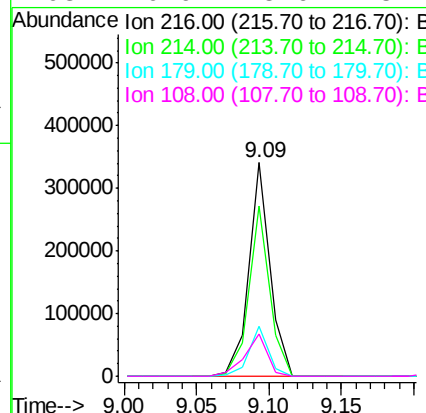
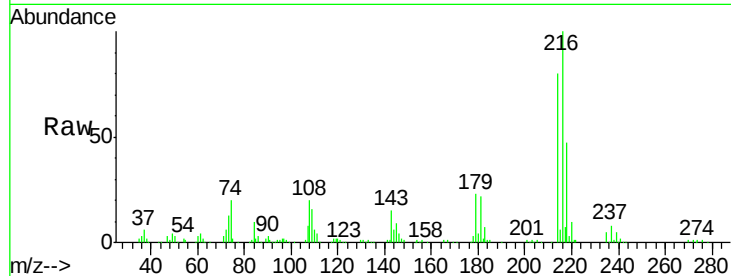
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.68 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion:	216	Resp:	345633
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.4	95.0
179	21.5	17.4	26.2
108	20.9	15.6	23.4

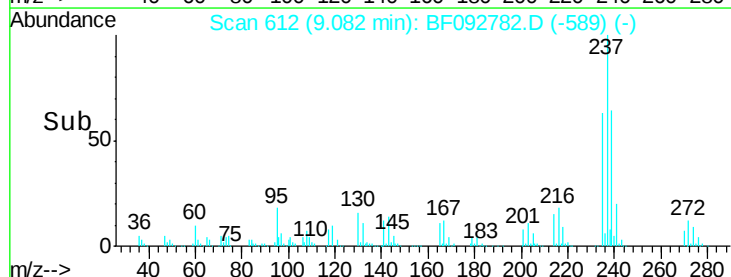
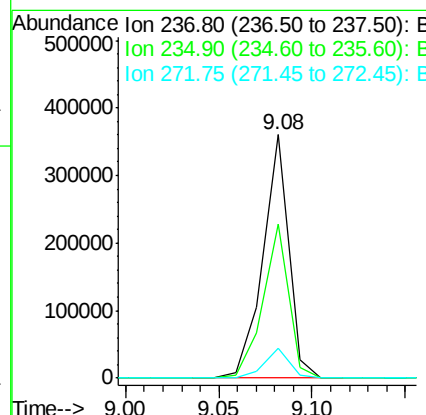
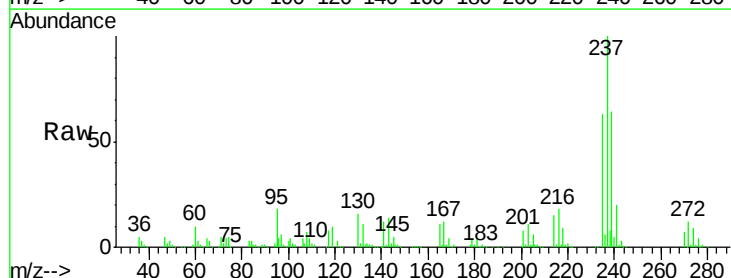
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#40
 Hexachlorocyclopentadiene
 Concen: 87.29 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion:	237	Resp:	343075
Ion Ratio	Lower	Upper	
237	100		
235	63.1	41.2	81.2
272	12.4	0.0	35.4





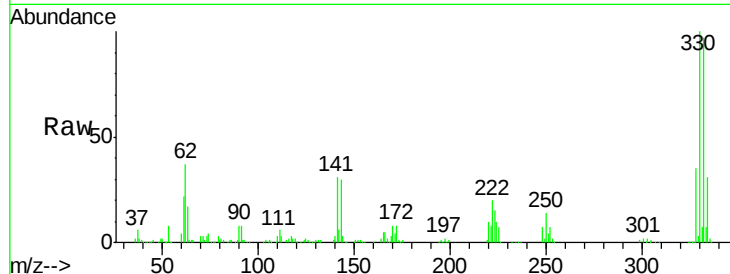
#41
 2,4,6-Tribromophenol
 Concen: 143.12 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	321214		
332	96.8	77.4	116.2	
141	39.1	34.1	51.1	

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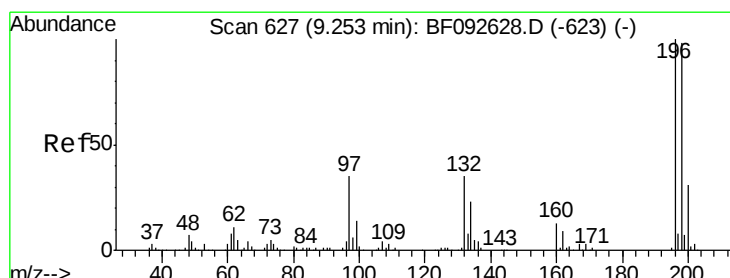
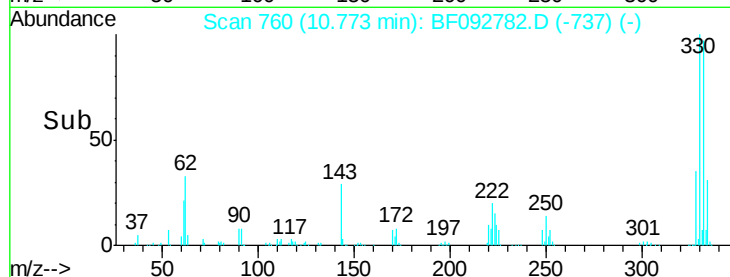
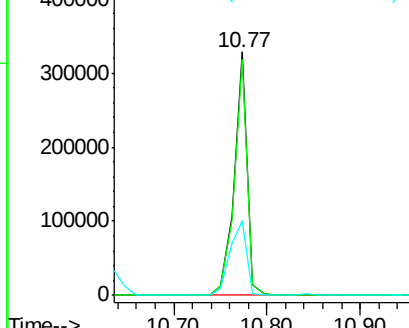


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.90 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

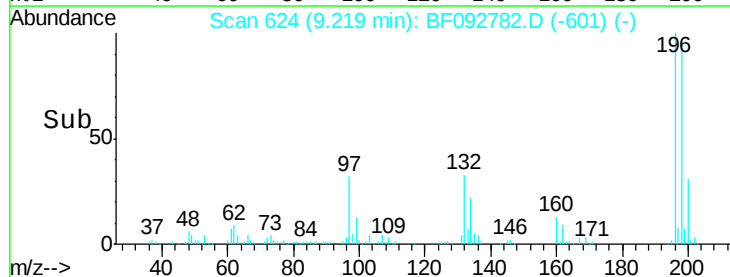
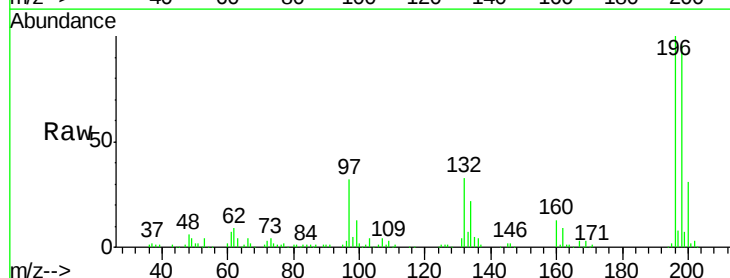
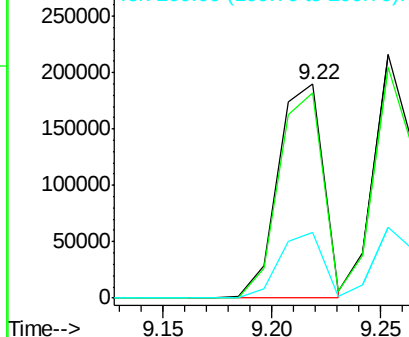
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274185		
198	96.1	82.1	123.1	
200	30.7	27.0	40.4	

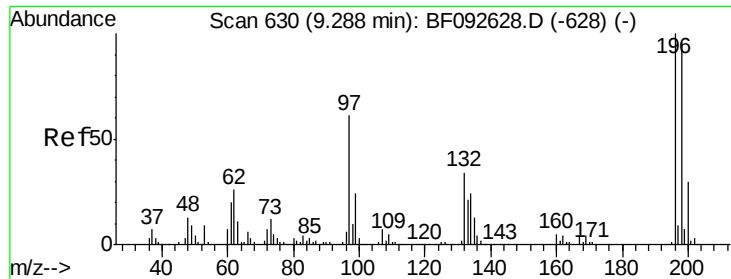
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





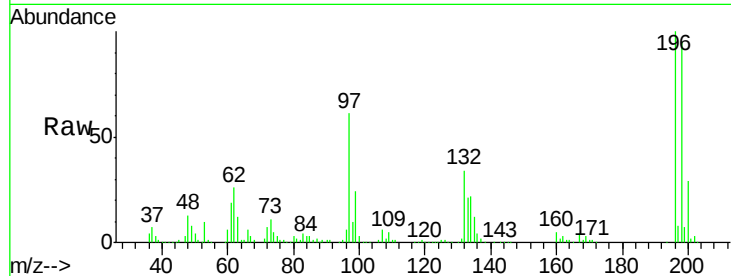
#43
 2,4,5-Trichlorophenol
 Concen: 43.86 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

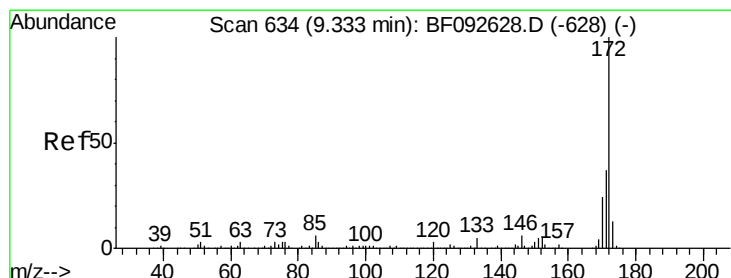
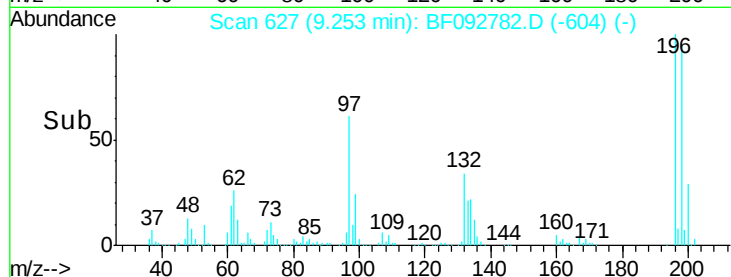
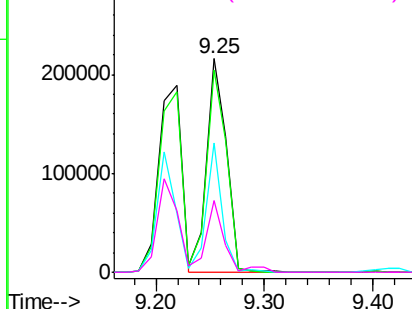
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275078		
198	94.6	79.4	119.2	
97	60.5	51.5	77.3	
132	33.6	27.4	41.2	

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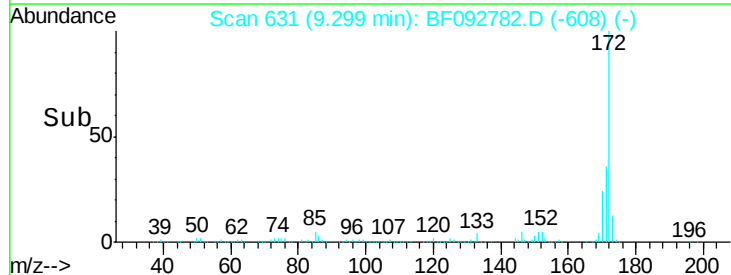
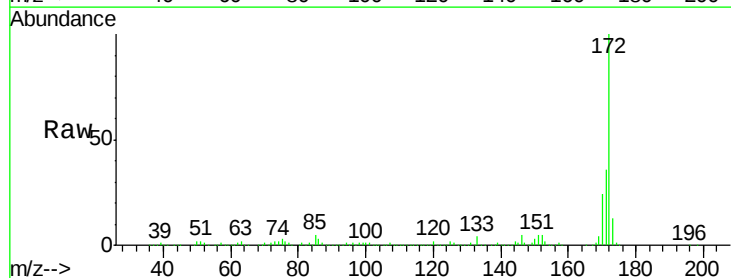
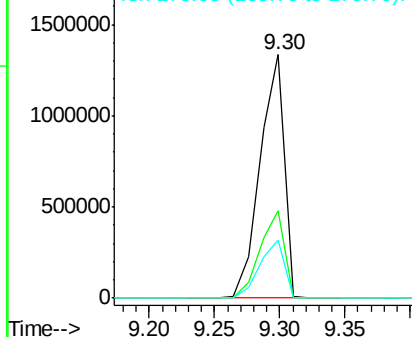
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.41 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1719928		
171	36.0	29.4	44.0	
170	24.1	20.2	30.4	

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





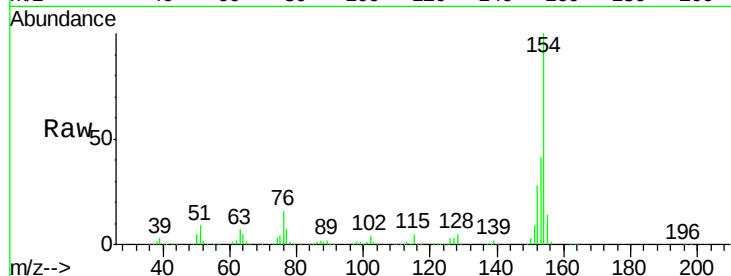
#45
 1,1'-Biphenyl
 Concen: 41.65 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

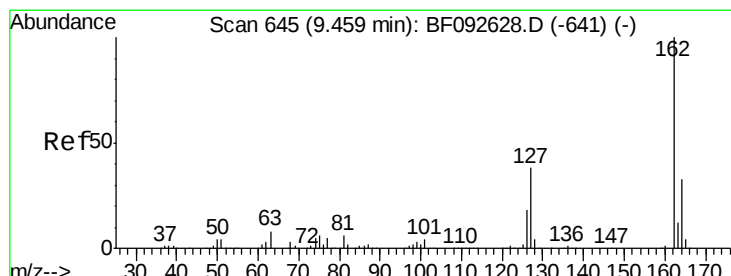
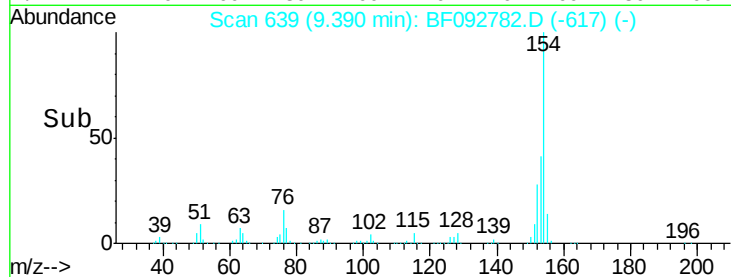
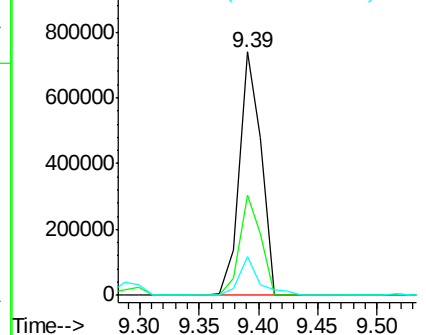
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.3	20.9	60.9
76	15.9	0.0	30.5

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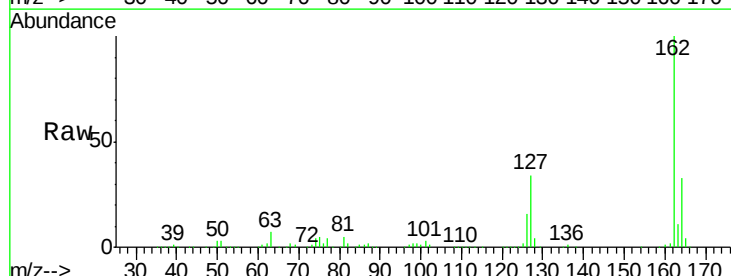


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

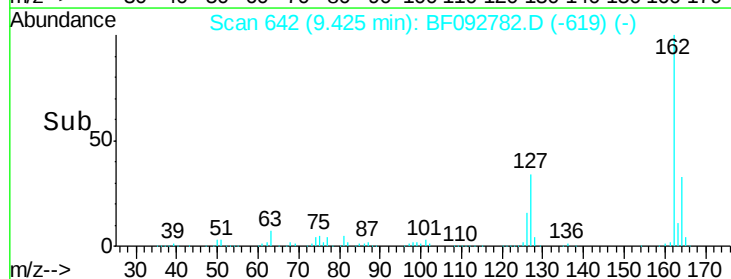
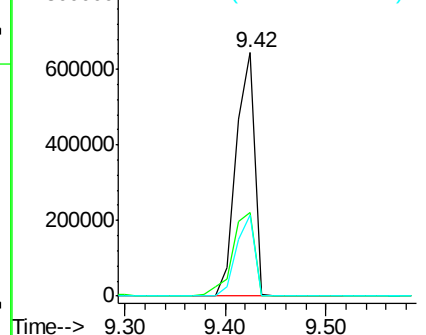


#46
 2-Chloronaphthalene
 Concen: 46.68 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	34.1	30.7	46.1
164	33.1	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





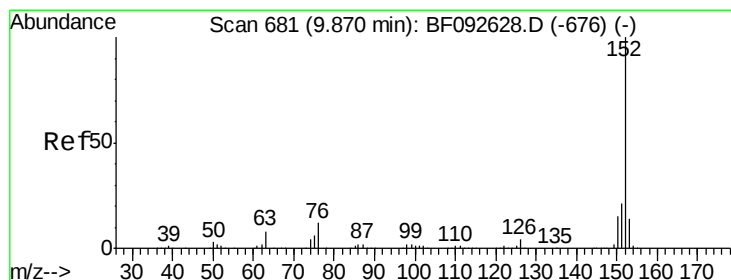
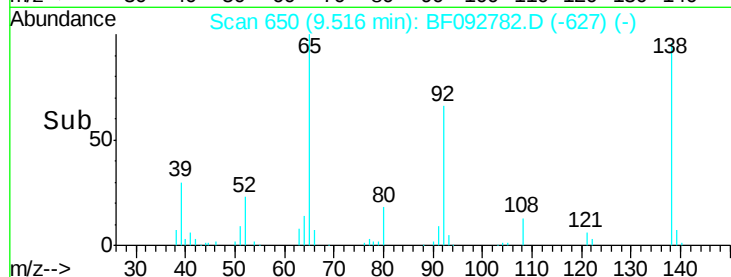
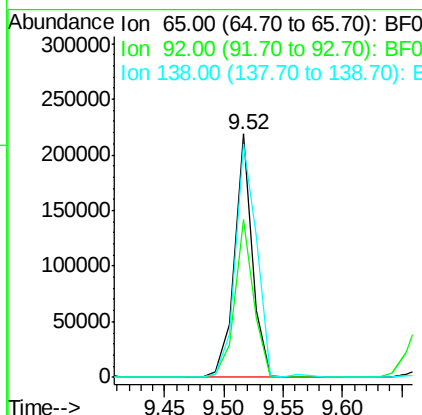
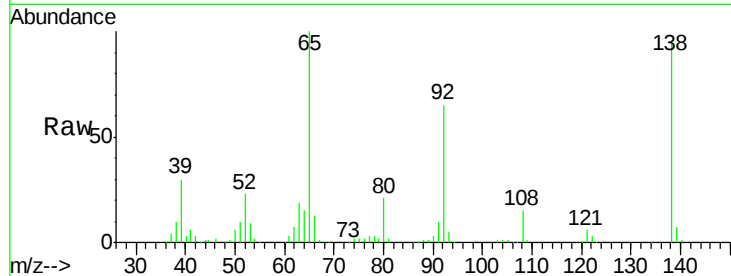
#47
2-Nitroaniline
Concen: 38.83 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	95.7	76.8	115.2

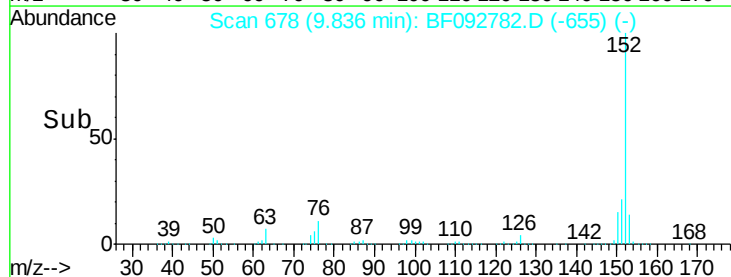
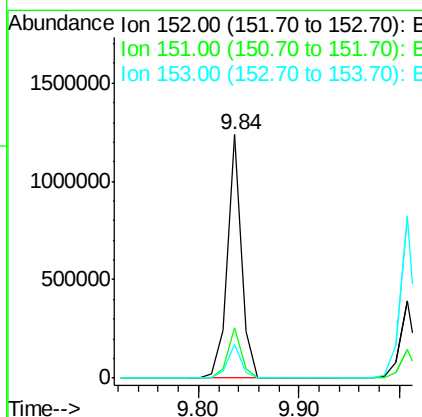
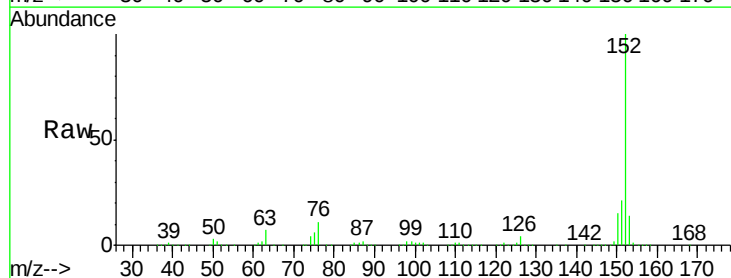
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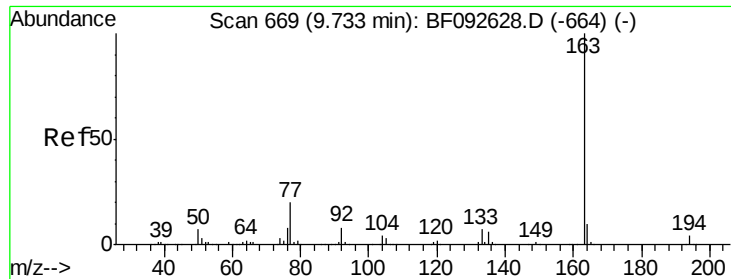
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#48
Acenaphthylene
Concen: 39.33 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.7	11.4	17.2





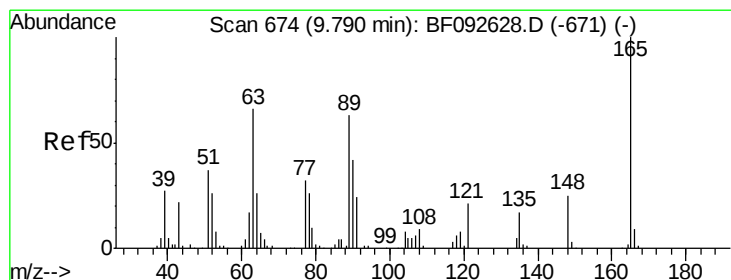
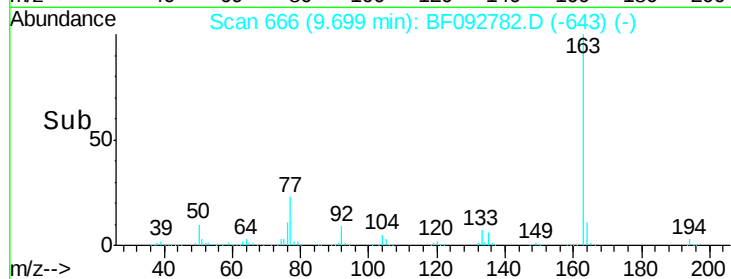
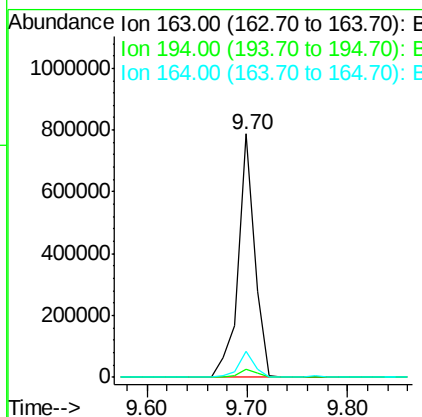
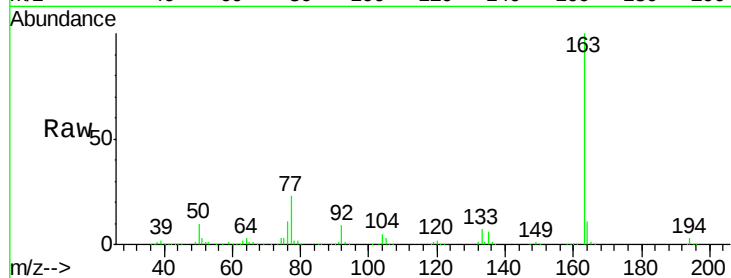
#49
Dimethylphthalate
Concen: 42.74 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	893409		
194	3.3		3.0	4.4
164	10.9		8.0	12.0

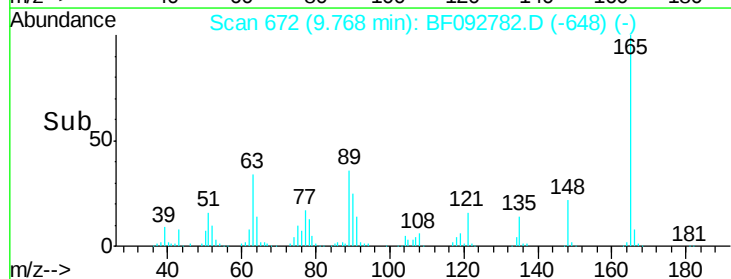
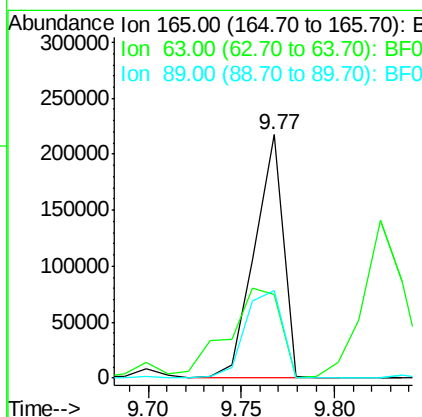
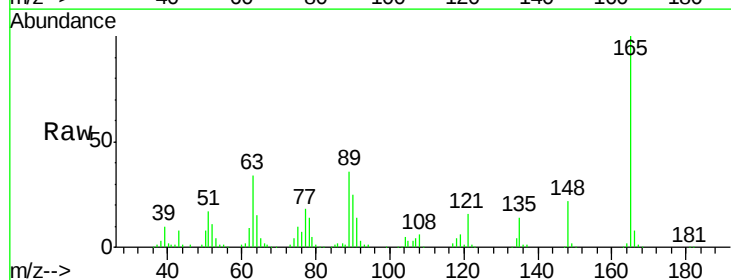
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#50
2,6-Dinitrotoluene
Concen: 51.30 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	231556		
63	34.2		36.2	54.4#
89	36.0		40.2	60.4#





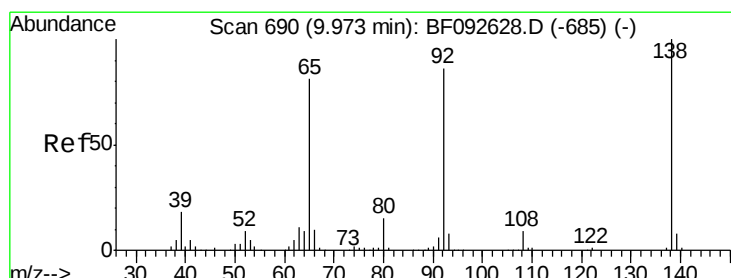
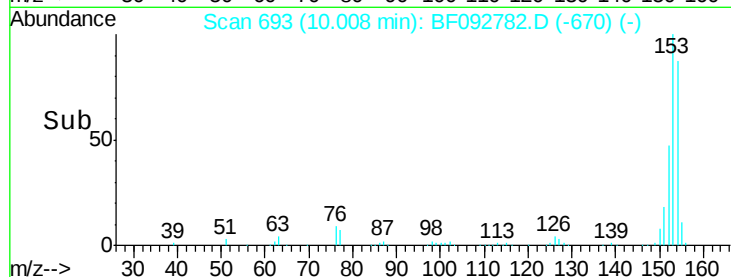
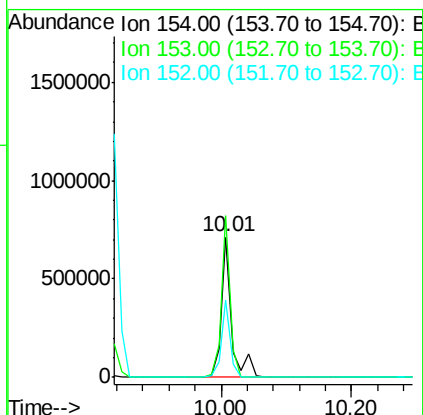
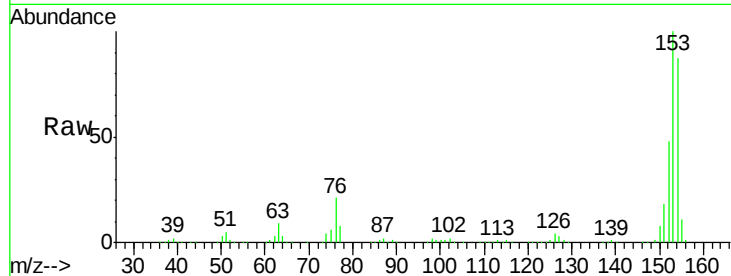
#51
Acenaphthene
Concen: 44.08 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	800227		
153	115.2	88.6	133.0	
152	54.9	41.6	62.4	

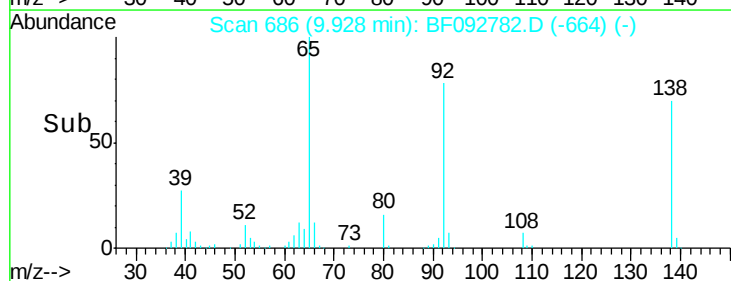
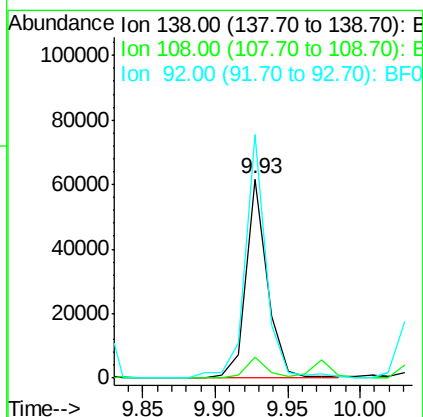
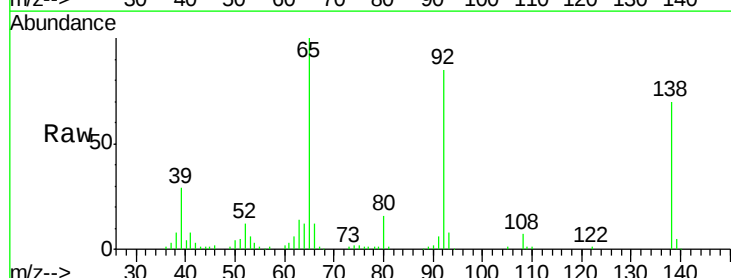
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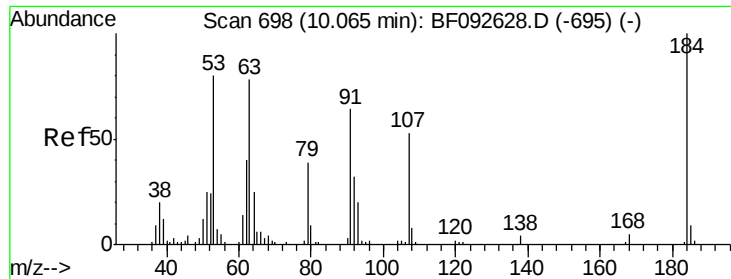
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#52
3-Nitroaniline
Concen: 12.27 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

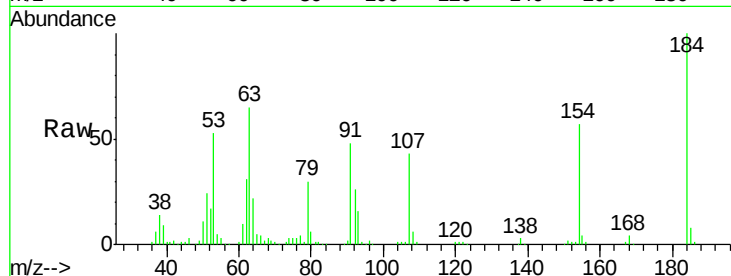
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	63378		
108	10.5	8.5	12.7	
92	122.5	97.8	146.8	





#53
2,4-Dinitrophenol
Concen: 85.11 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

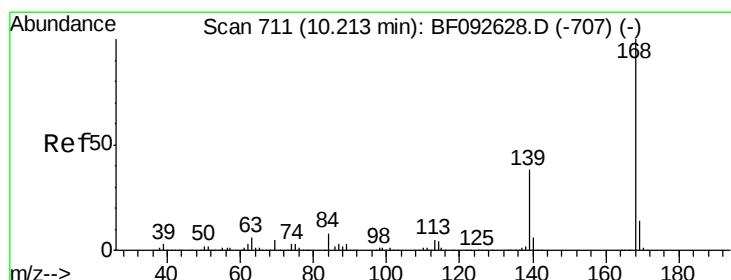
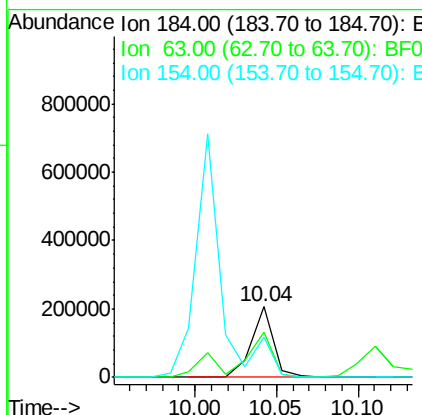
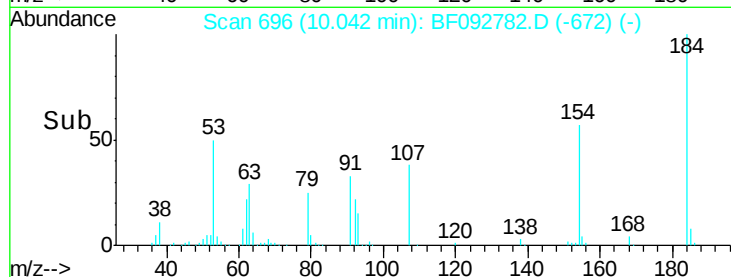
Instrument :
BNA_F
ClientSampleId :
PB96705BS



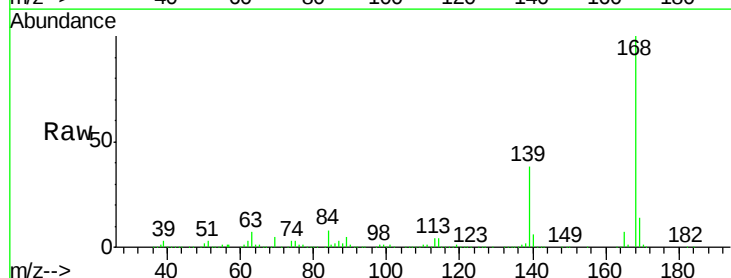
Tgt Ion:184 Resp: 196173
Ion Ratio Lower Upper
184 100
63 65.2 28.4 42.6#
154 57.1 44.3 66.5

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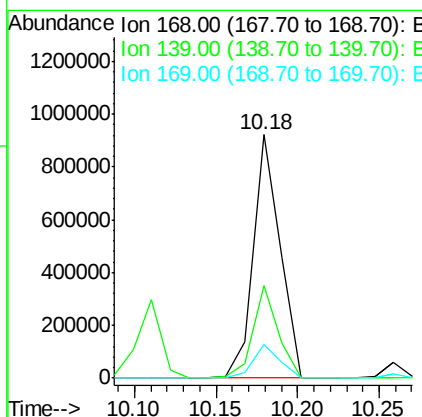
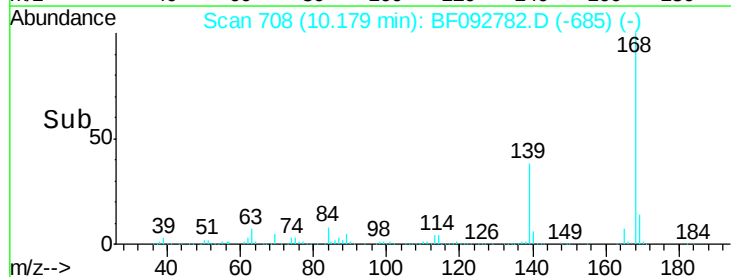
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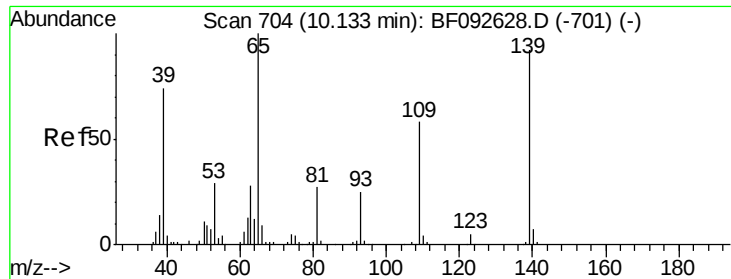


#54
Dibenzofuran
Concen: 43.21 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26



Tgt Ion:168 Resp: 1049306
Ion Ratio Lower Upper
168 100
139 38.1 32.6 49.0
169 13.9 11.3 16.9





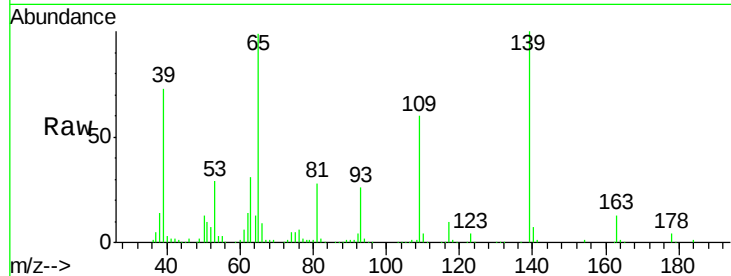
#55
4-Nitrophenol
Concen: 83.28 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

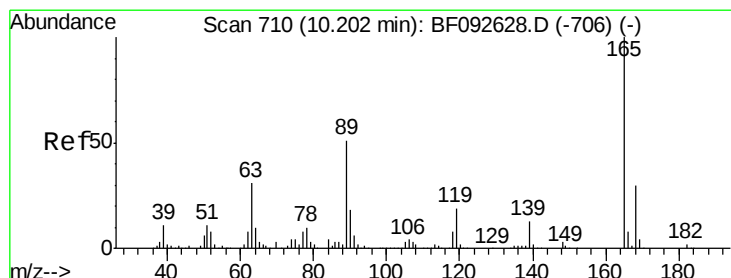
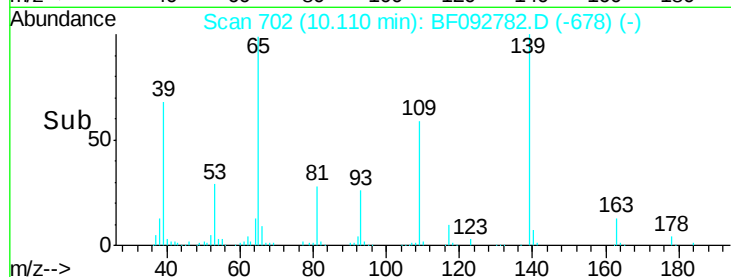
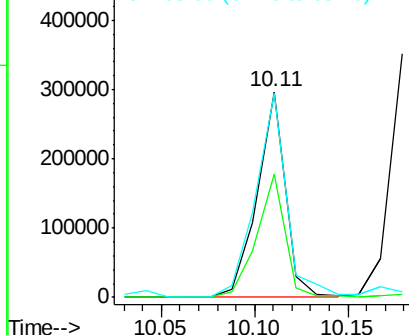
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	309869		
109	60.1	52.2	92.2	
65	99.4	85.8	125.8	

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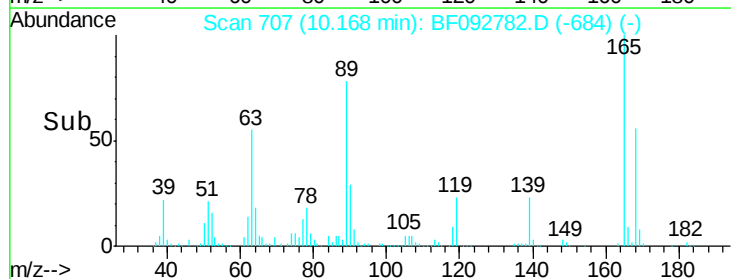
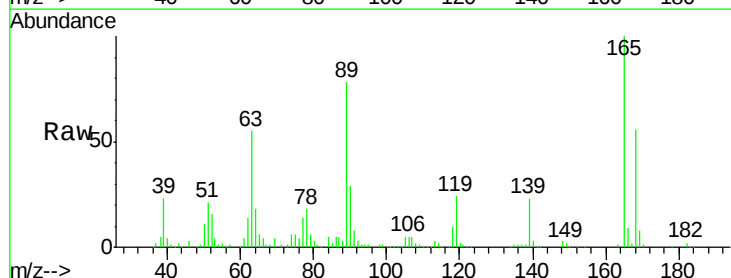
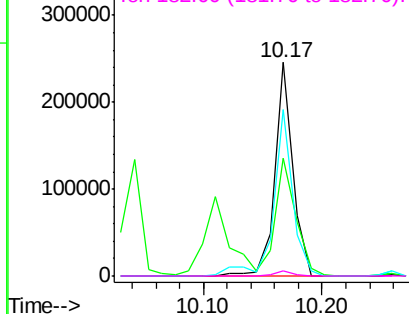
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

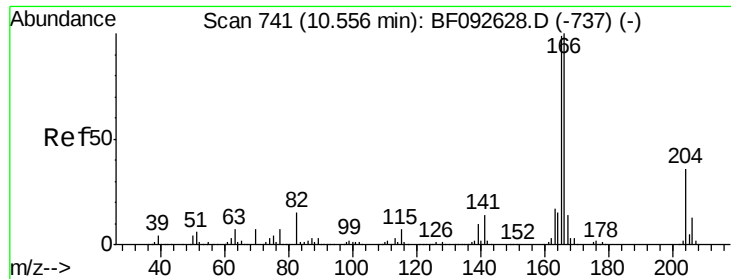


#56
2,4-Dinitrotoluene
Concen: 42.83 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	257373		
63	55.0	40.2	60.4	
89	78.1	62.5	93.7	
182	2.3	1.8	2.8	

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
Ion 182.00 (181.70 to 182.70): E





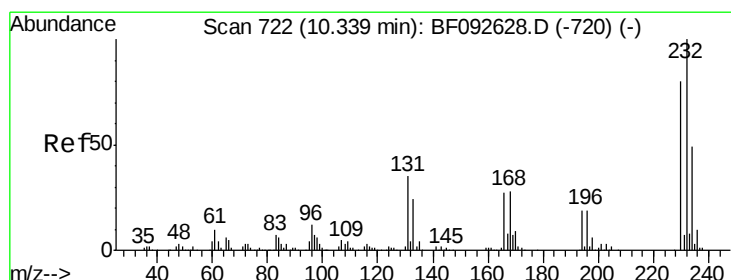
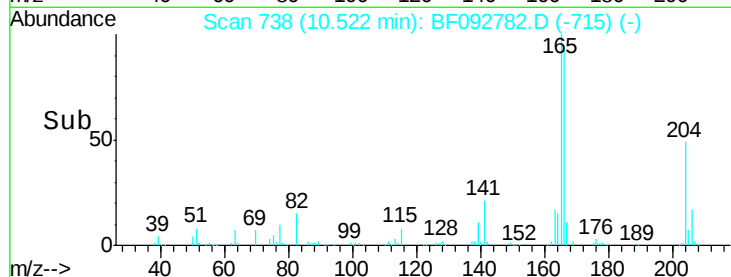
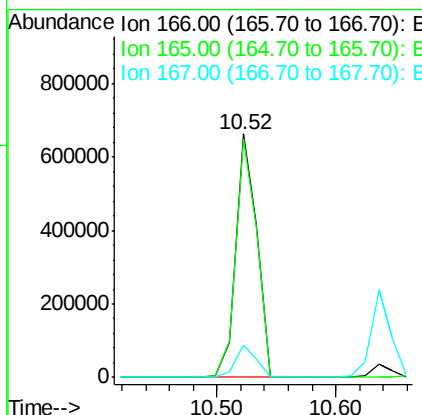
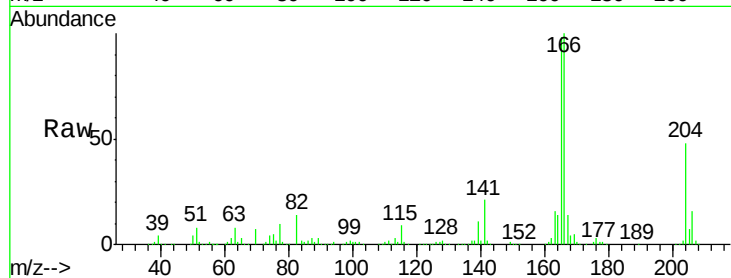
#57
Fluorene
 Concen: 43.53 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	813200		
165	98.1	77.8	116.8	
167	13.5	10.8	16.2	

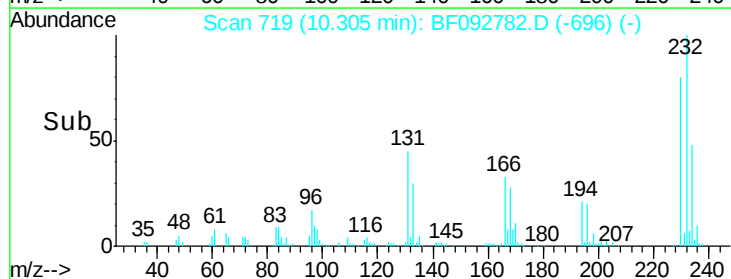
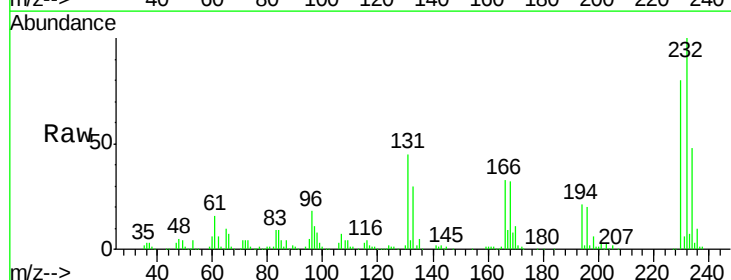
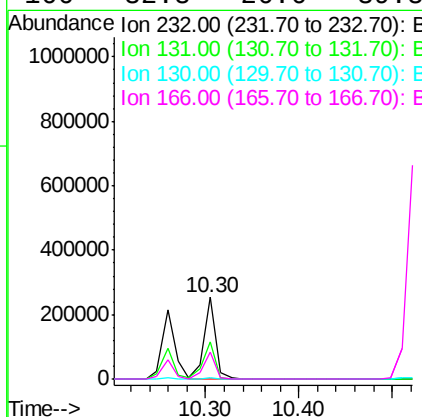
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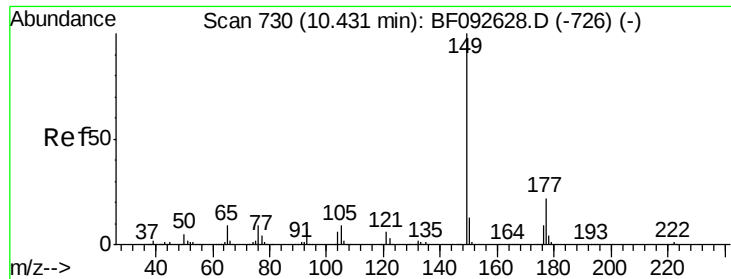
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.29 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	222934		
131	47.5	40.1	60.1	
130	2.2	1.8	2.8	
166	32.8	26.6	39.8	





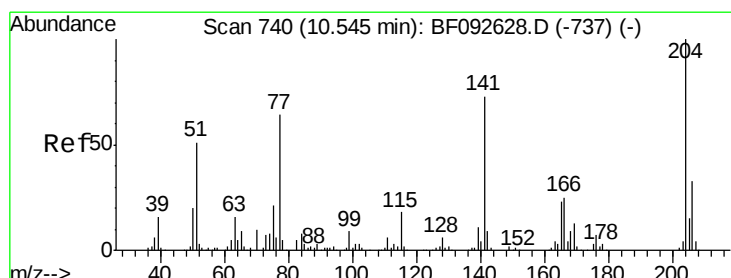
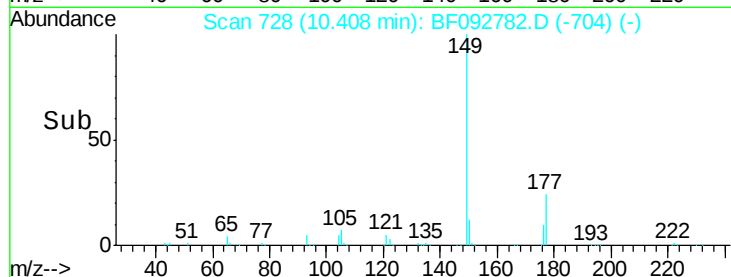
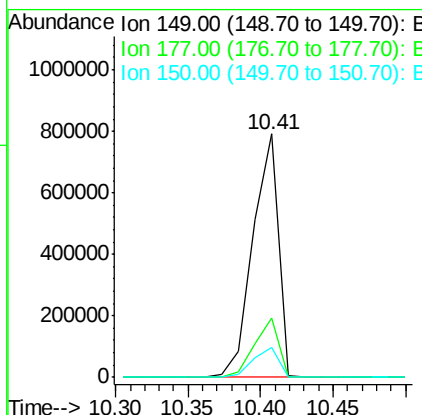
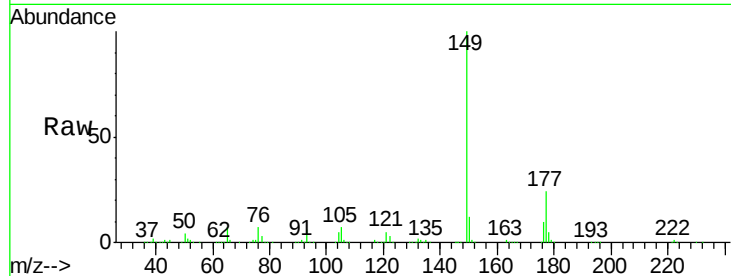
#59
Diethylphthalate
Concen: 48.96 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	964398		
177	24.3	16.6	25.0	
150	12.3	10.4	15.6	

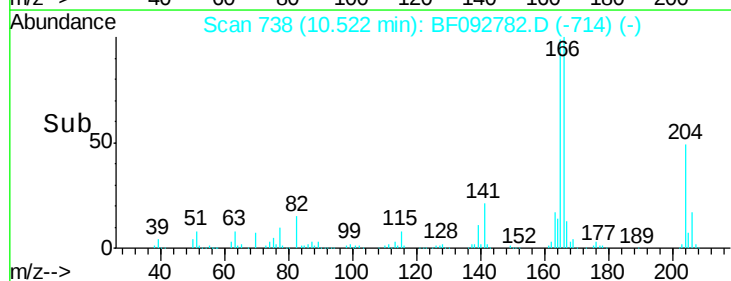
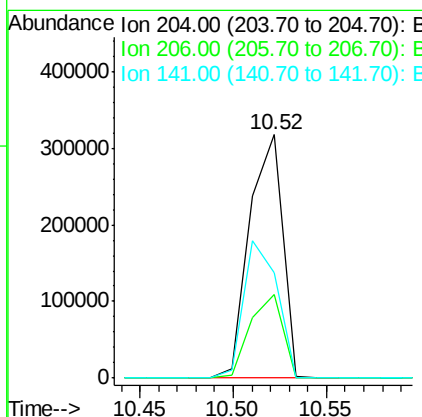
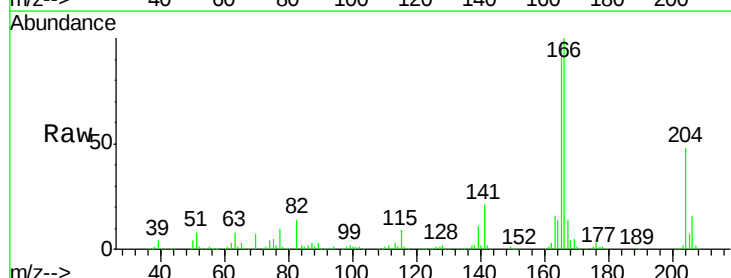
Manual Integrations
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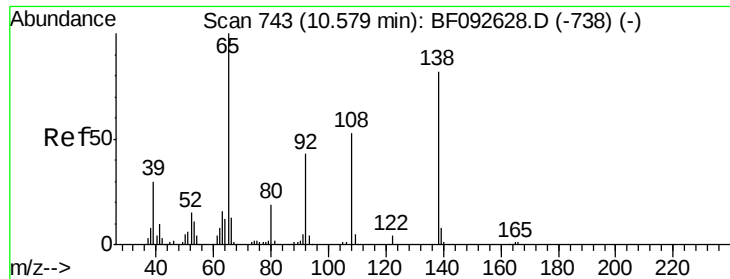
mohammad
2/6/2017 12:33:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.47 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	390130		
206	34.4	25.8	38.6	
141	43.4	59.4	89.0	





#61

4-Nitroaniline

Concen: 43.00 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

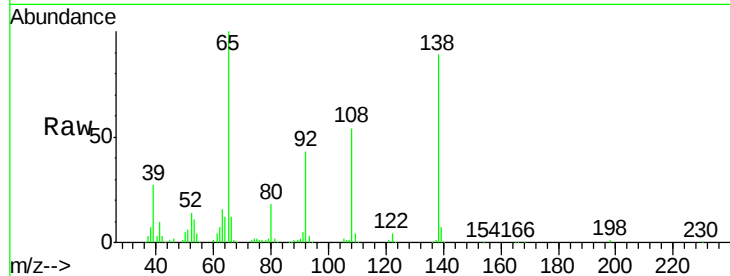
ClientSampled :

PB96705BS

Tgt Ion:	138	Resp:	227522
Ion Ratio	Lower	Upper	
138	100		
92	48.2	31.7	71.7
108	60.4	52.6	92.6

Manual Integrations
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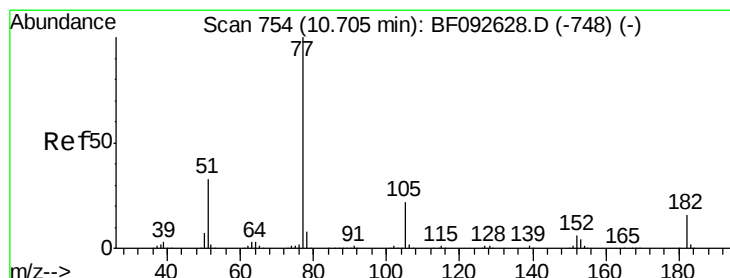
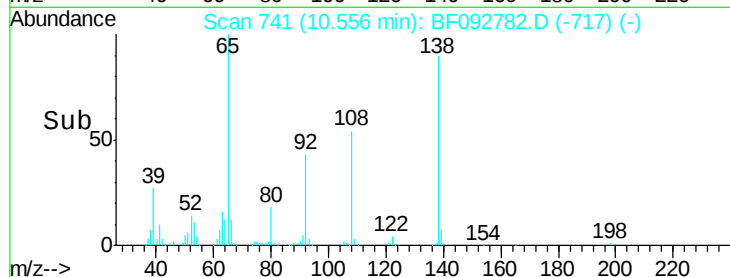
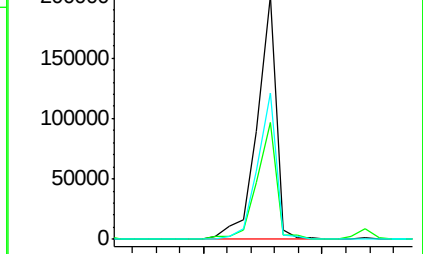
mohammad
2/6/2017 12:33:57 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.37 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

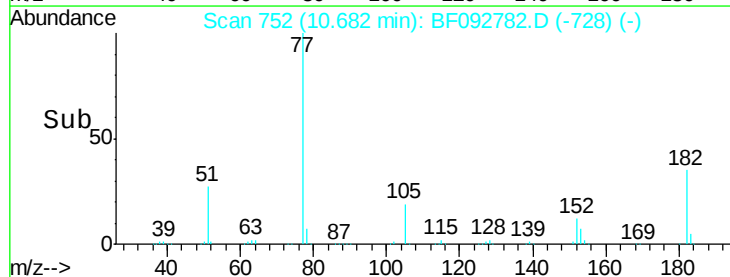
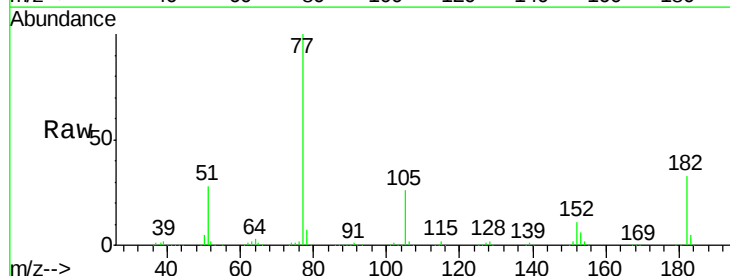
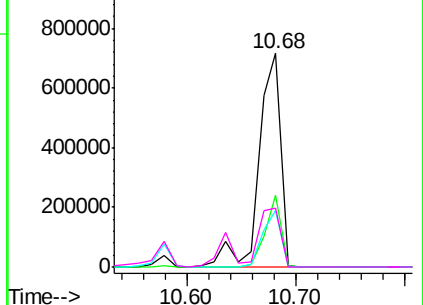
Tgt Ion:	77	Resp:	1004626
Ion Ratio	Lower	Upper	
77	100		
182	33.4	0.0	39.3
105	26.3	2.3	42.3
51	27.7	8.9	48.9

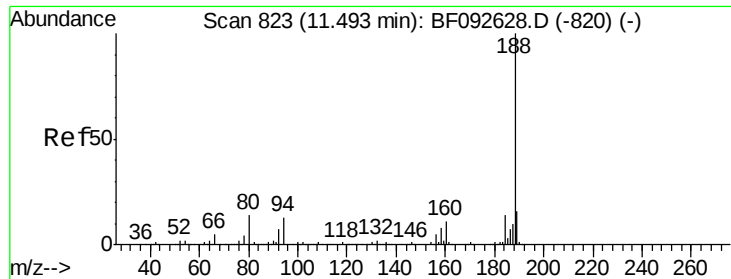
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





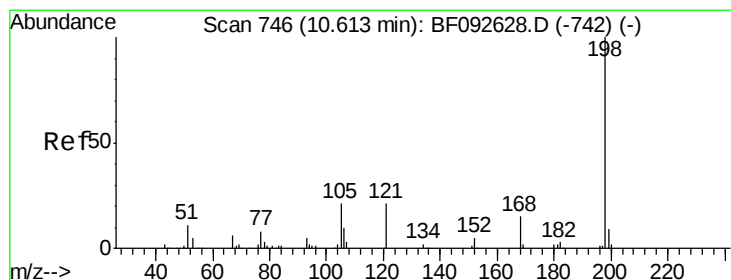
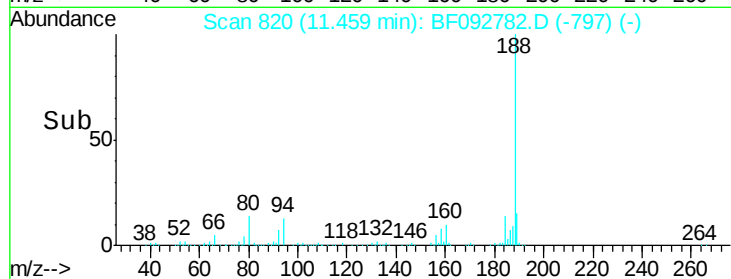
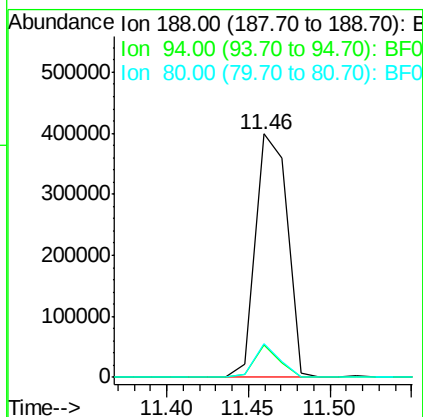
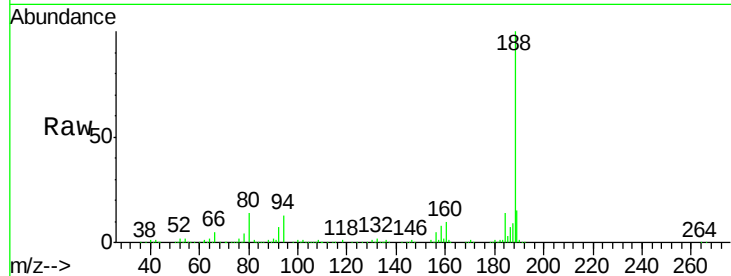
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	540290		
94	13.1	10.0	15.0	
80	13.9	11.2	16.8	

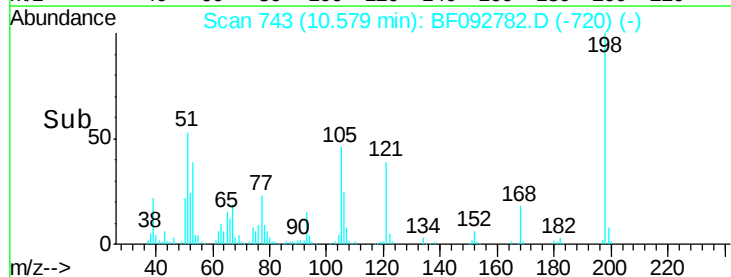
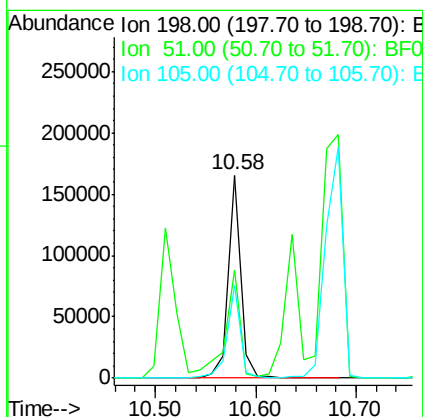
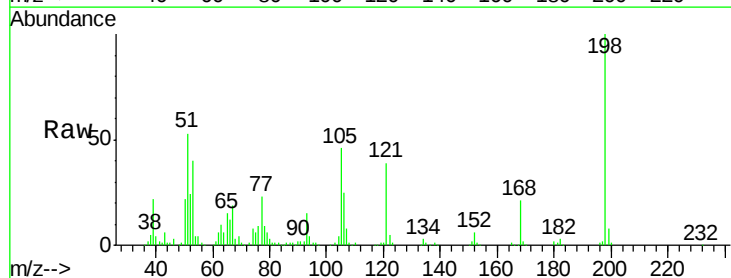
Manual Integrations
APPROVED

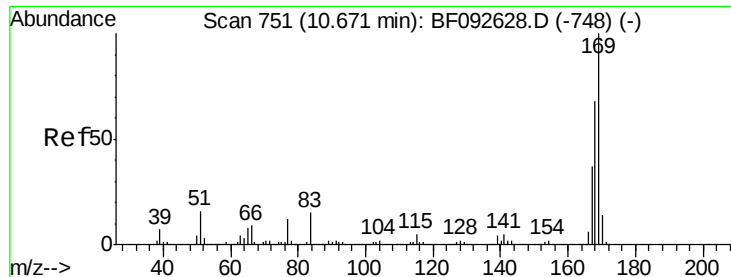
mohammad
2/6/2017 12:33:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.13 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	144379		
51	53.0	6.7	46.7#	
105	45.6	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 42.75 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

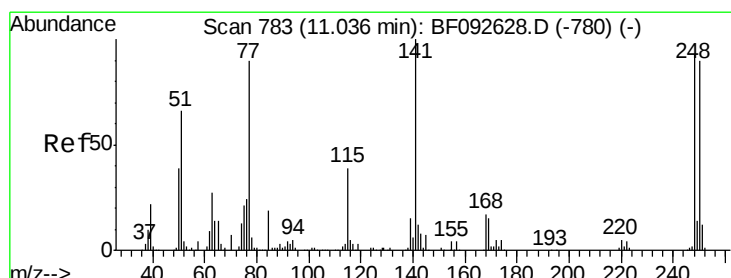
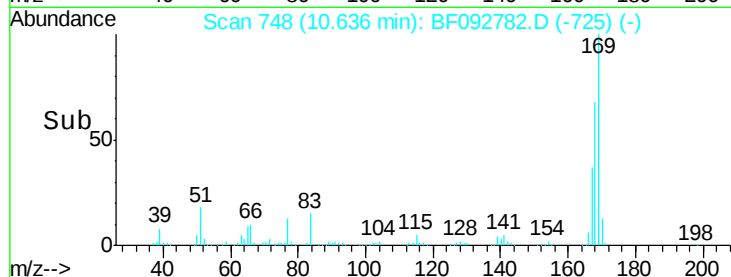
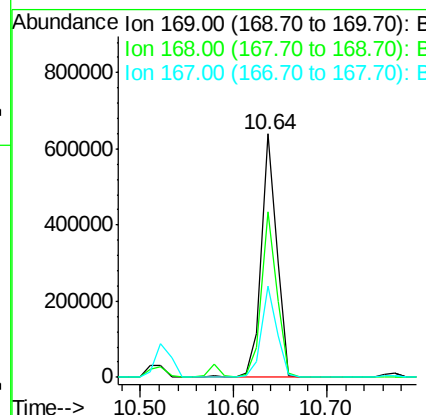
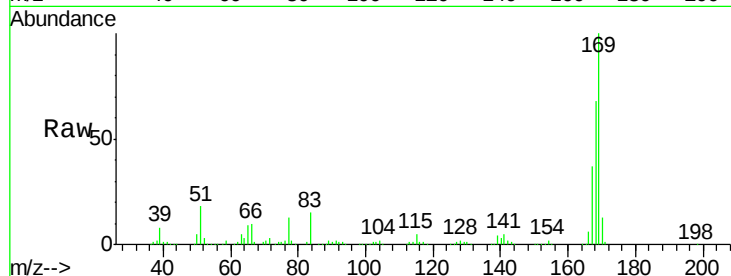
ClientSampleId :

PB96705BS

Tgt Ion:	169	Resp:	737936
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.2	81.2
167	37.5	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 43.41 ng

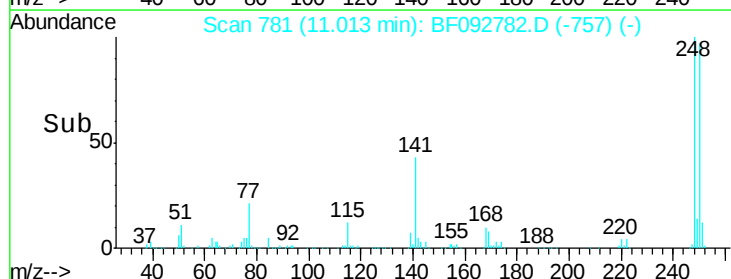
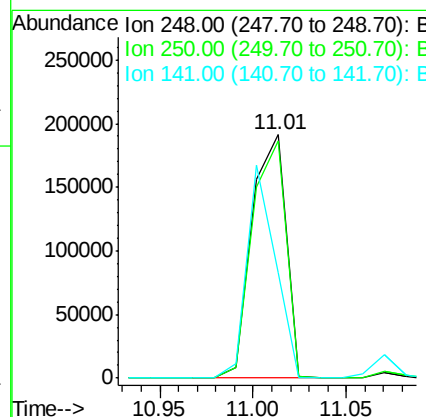
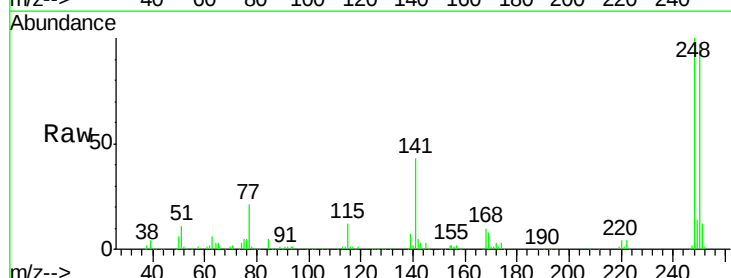
RT: 11.01 min Scan# 781

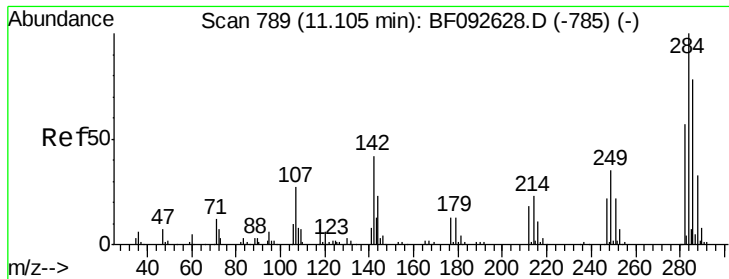
Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Tgt Ion:	248	Resp:	245034
Ion Ratio	Lower	Upper	
248	100		
250	97.4	76.9	115.3
141	43.0	68.2	102.4#





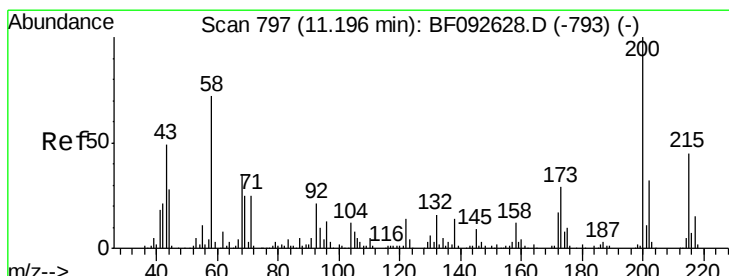
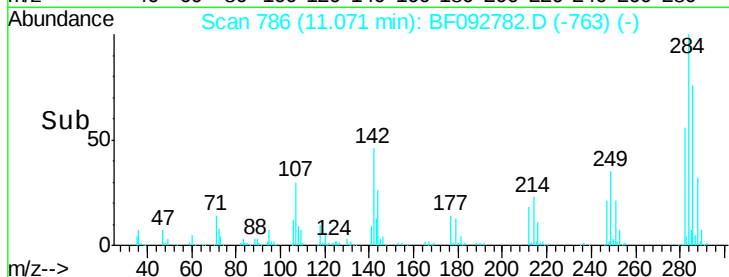
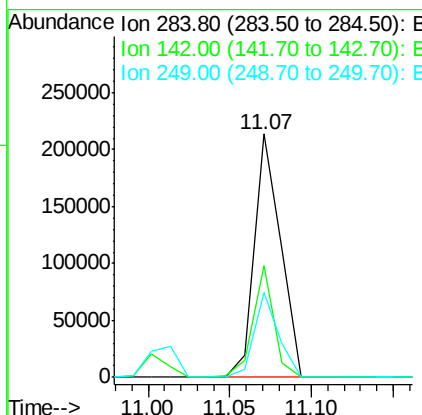
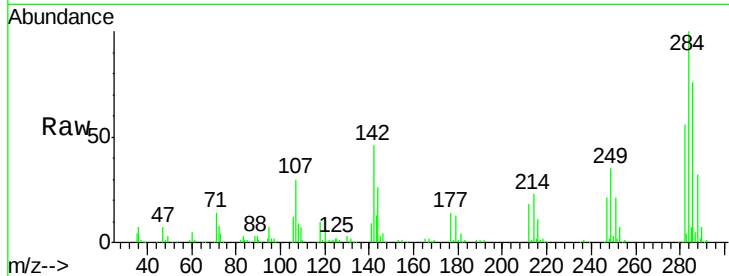
#67
Hexachlorobenzene
Concen: 42.71 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampled :
PB96705BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.1	22.6	33.8#
249	35.1	25.4	38.0

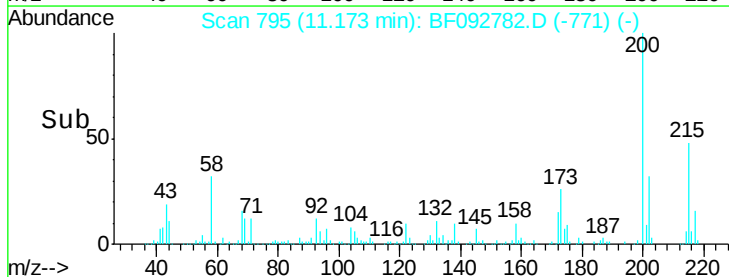
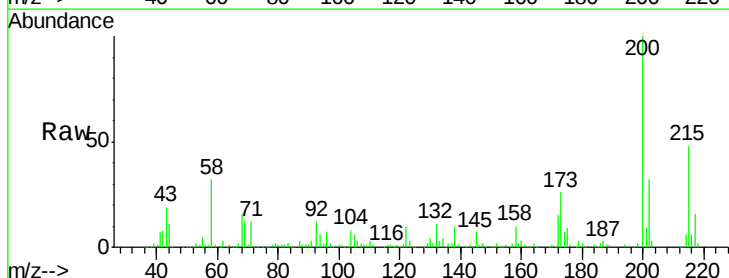
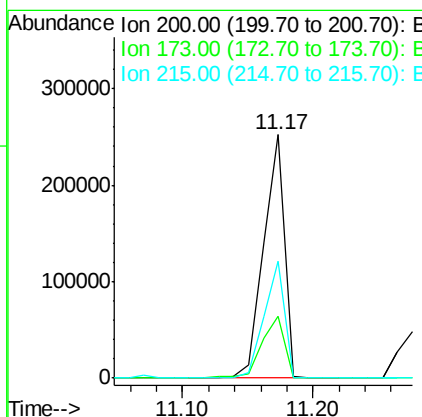
Manual Integrations
APPROVED

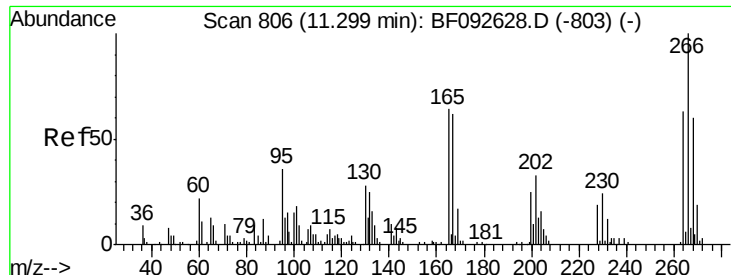
mohammad
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#68
Atrazine
Concen: 50.89 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	9.6	49.6
215	48.1	25.7	65.7





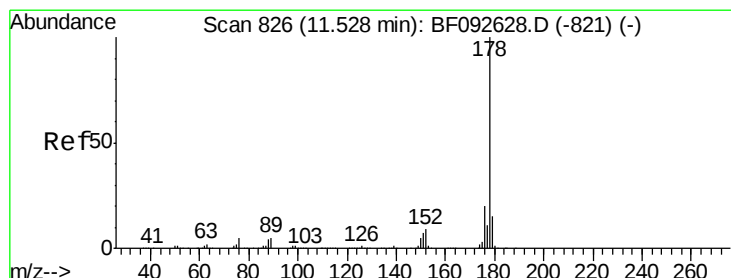
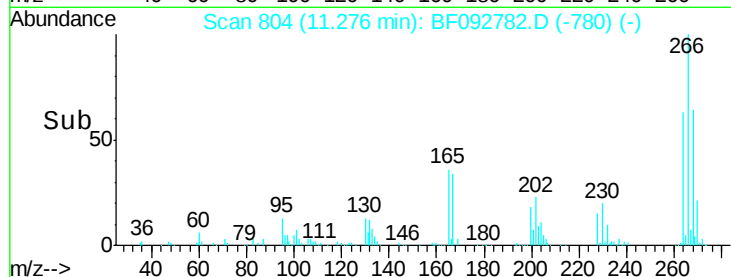
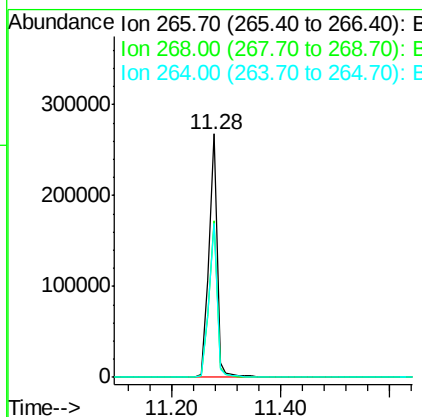
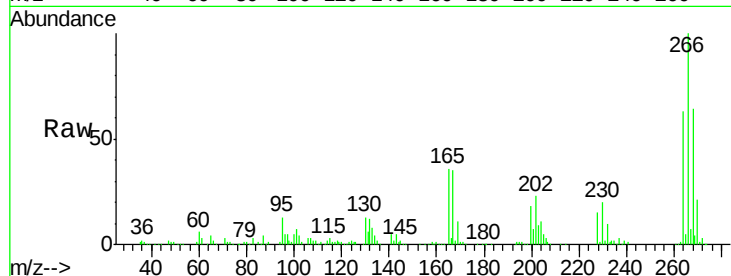
#69
 Pentachlorophenol
 Concen: 96.63 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	282997		
268	64.4	53.3	79.9	
264	63.4	50.3	75.5	

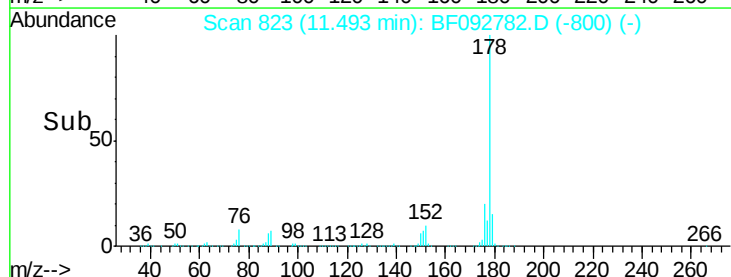
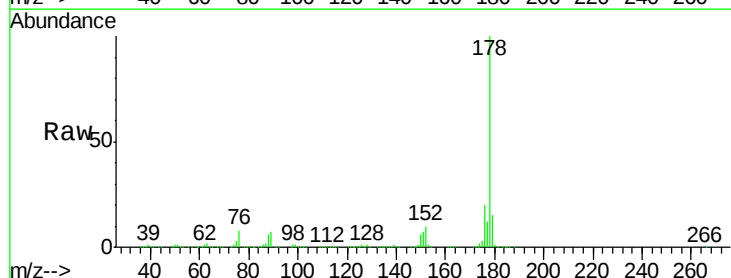
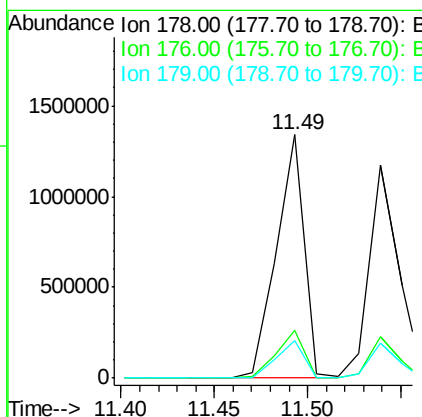
Manual Integrations
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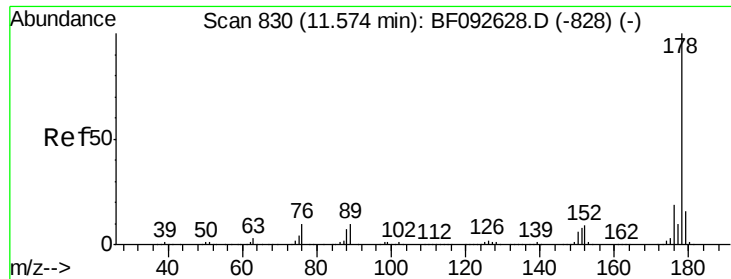
mohammad
 2/6/2017 12:33:57 PM



#70
 Phenanthrene
 Concen: 45.02 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1393605		
176	19.6	16.6	25.0	
179	15.4	12.8	19.2	





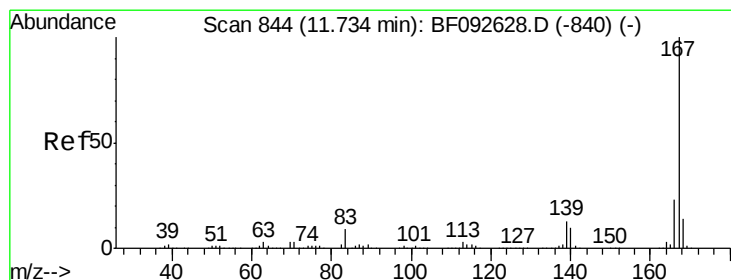
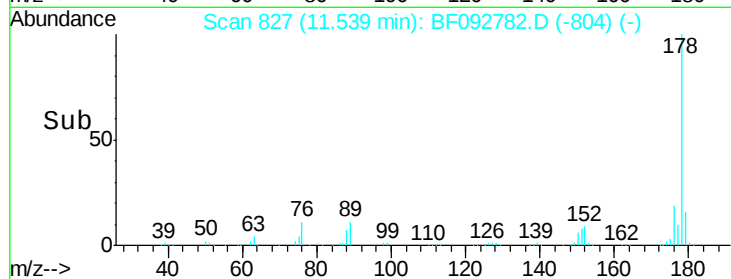
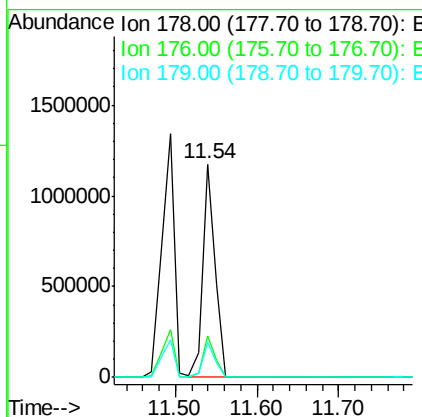
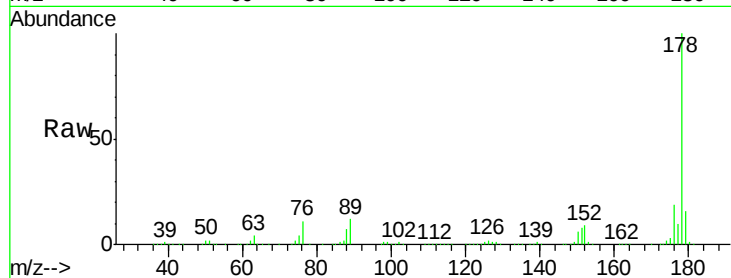
#71
 Anthracene
 Concen: 40.51 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion:178 Resp: 1259314
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 16.2 13.2 19.8

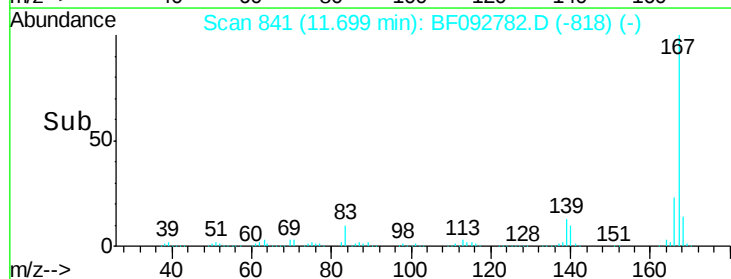
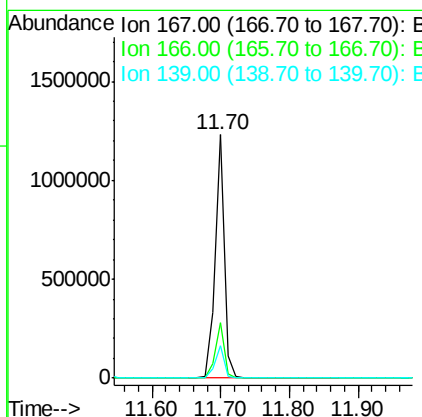
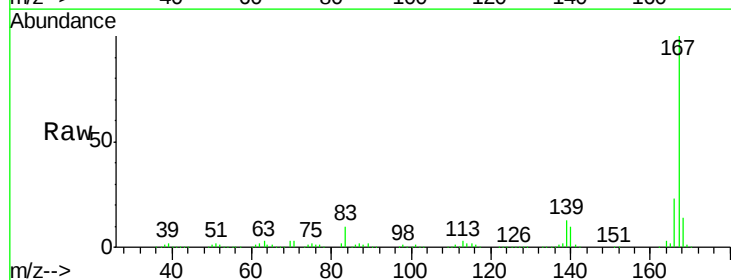
Manual Integrations
 APPROVED

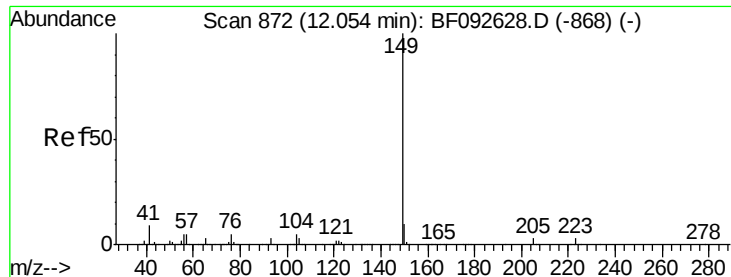
mohammad
 2/6/2017 12:33:57 PM



#72
 Carbazole
 Concen: 39.41 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion:167 Resp: 1170933
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.93 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB96705BS

Tgt Ion:149 Resp: 1540096

Ion Ratio Lower Upper

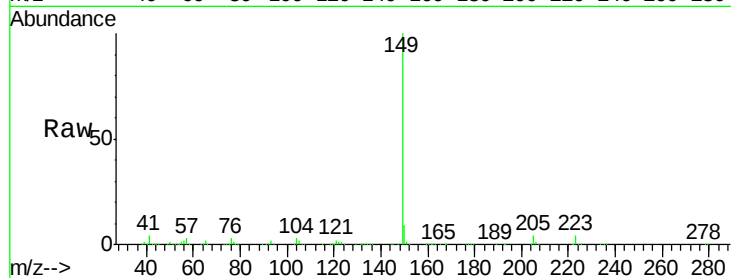
149 100

150 9.1 8.1 12.1

104 3.4 4.6 7.0#

Manual Integrations
APPROVED

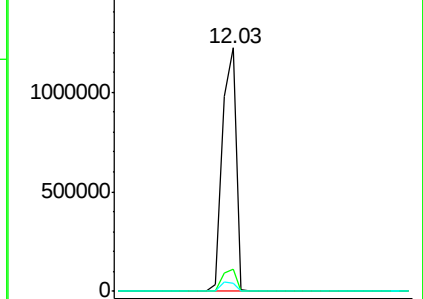
mohammad
2/6/2017 12:33:57 PM



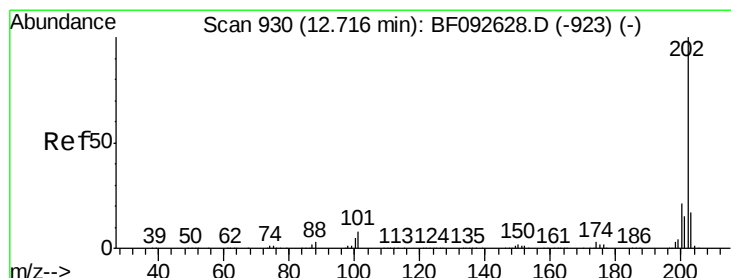
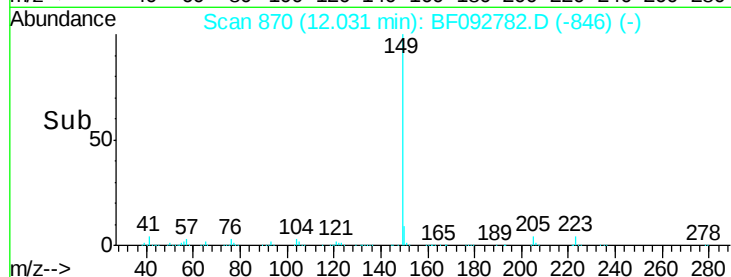
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 44.40 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

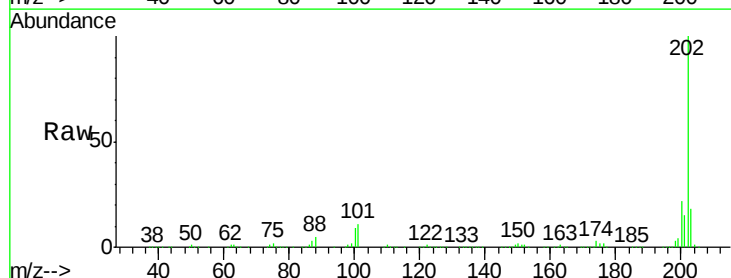
Tgt Ion:202 Resp: 1417703

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.6

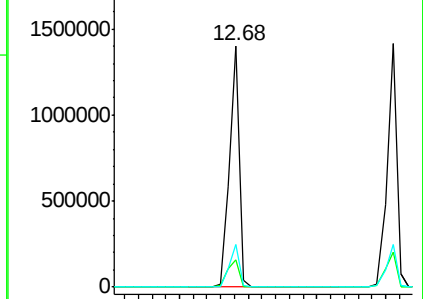
203 17.6 0.0 38.7



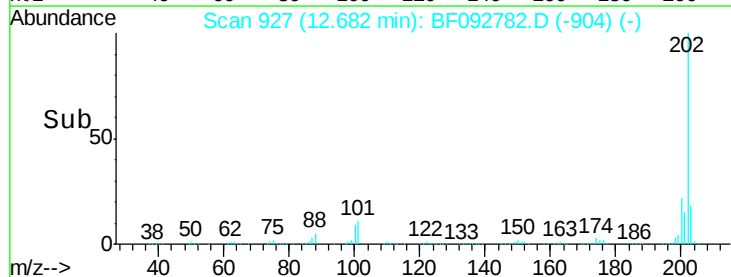
Abundance Ion 202.00 (201.70 to 202.70): E

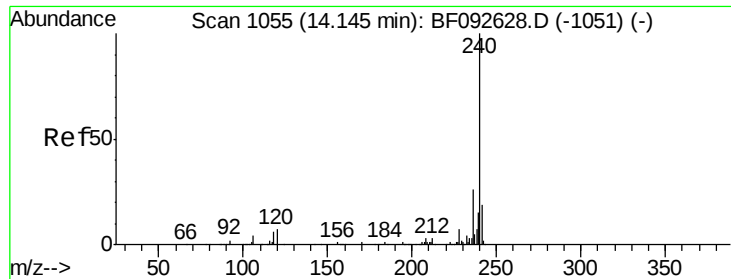
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





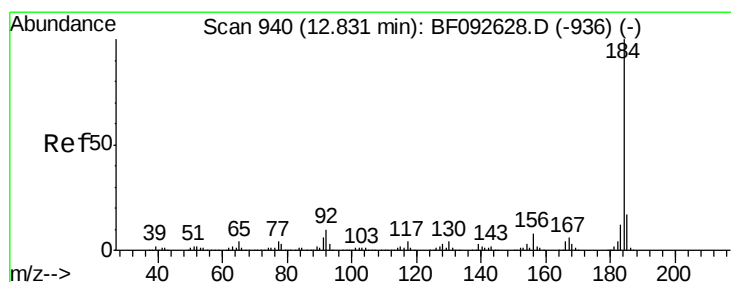
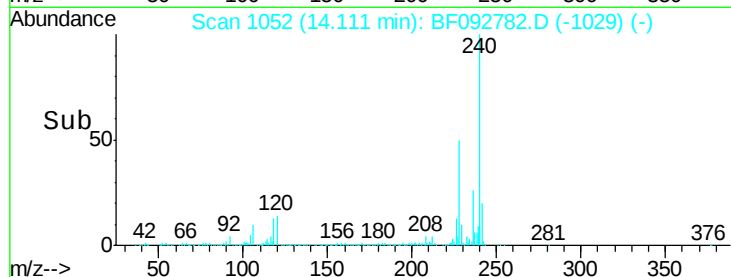
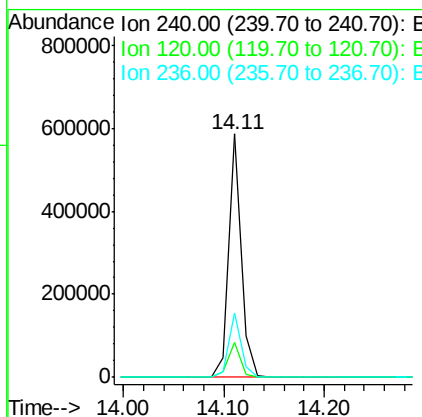
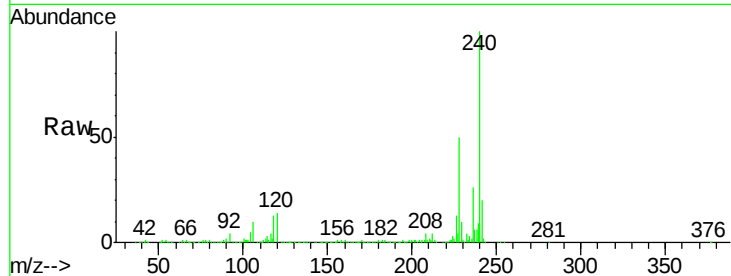
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Instrument :
BNA_F
ClientSampleId :
PB96705BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	12.9	19.3
236	26.4	20.9	31.3

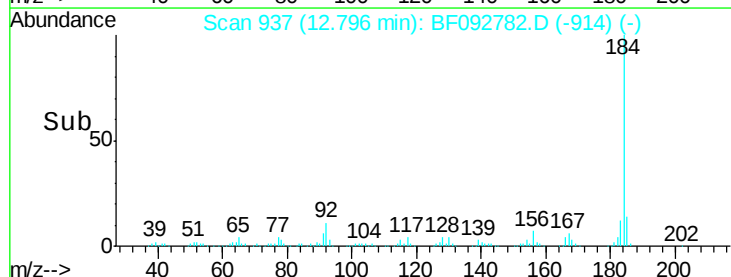
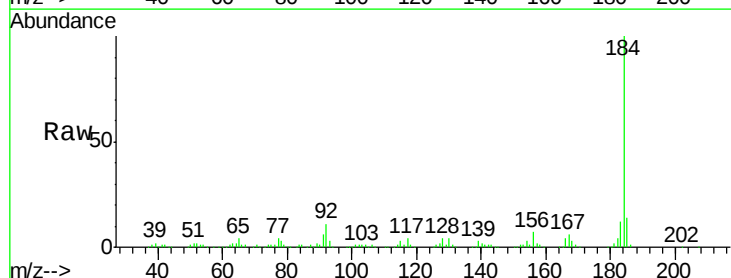
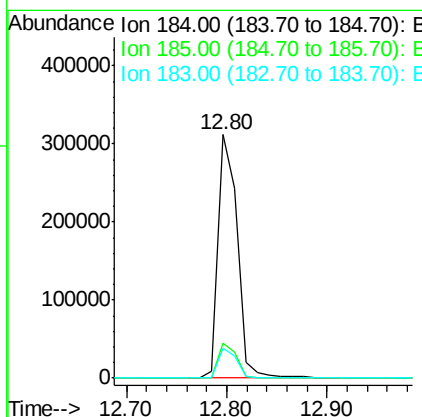
Manual Integrations
APPROVED

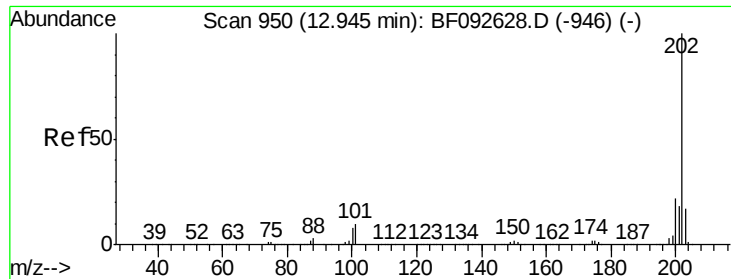
mohammad
2/6/2017 12:33:57 PM



#76
Benzidine
Concen: 19.02 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.03 min
Lab File: BF092782.D
Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	12.4	9.2	13.8





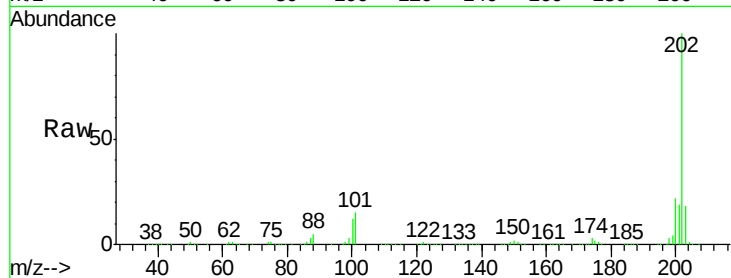
#77
 Pyrene
 Concen: 35.97 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

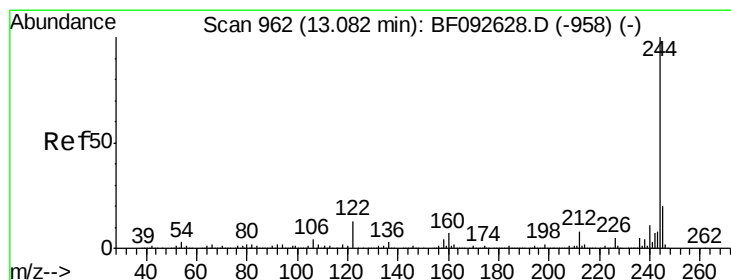
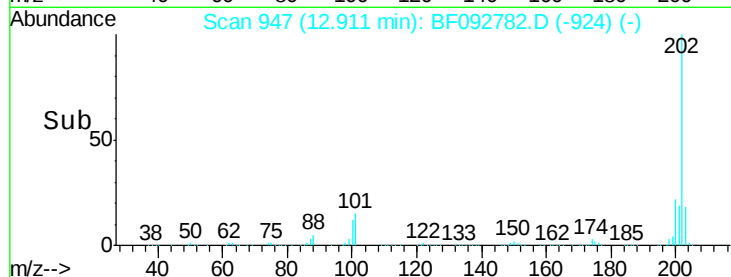
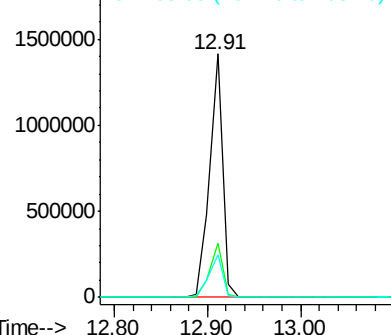
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.7	22.1

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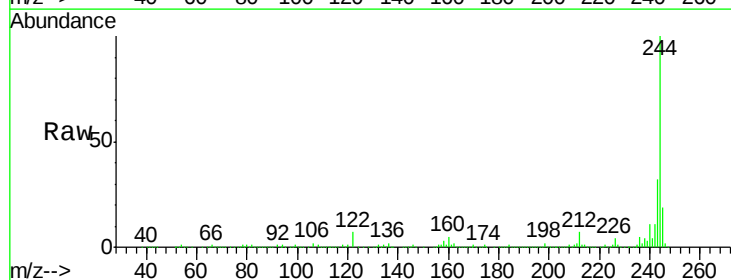


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

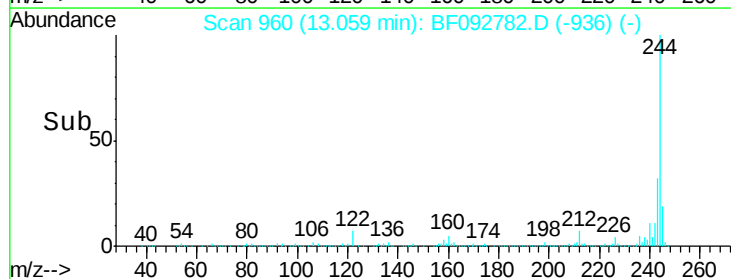
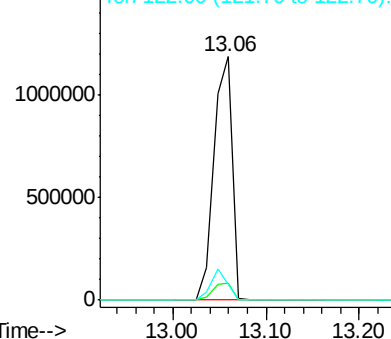


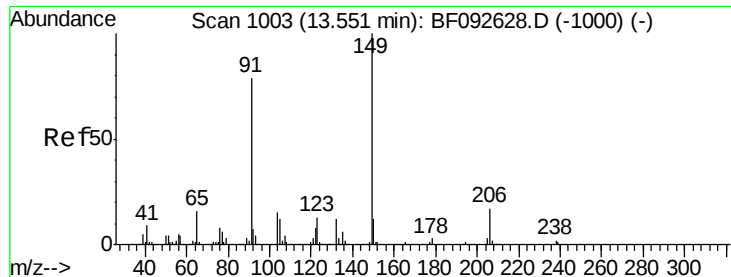
#78
 Terphenyl-d14
 Concen: 75.06 ng
 RT: 13.06 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	6.5	11.4	17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.47 ng

RT: 13.53 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

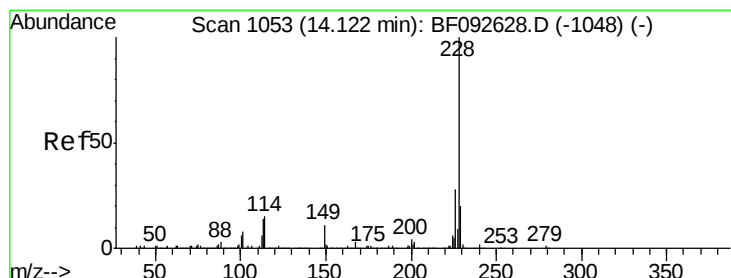
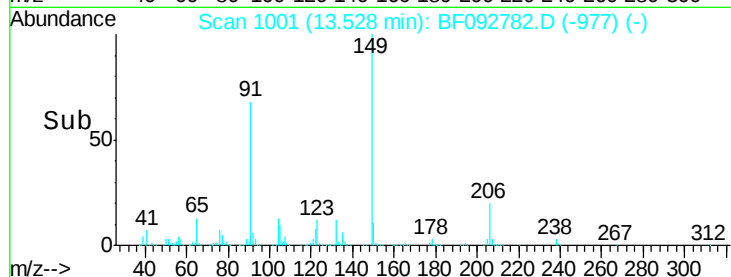
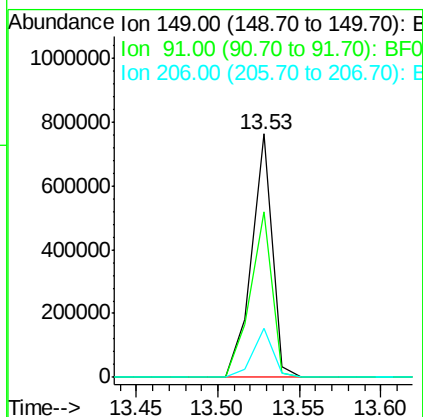
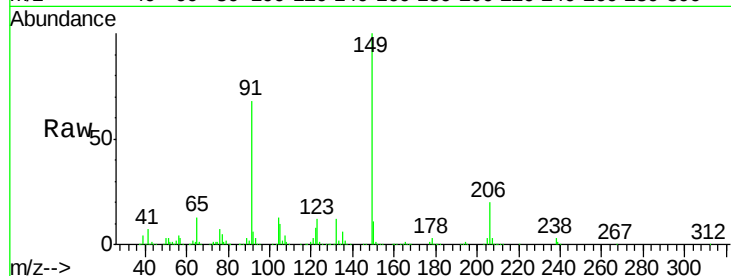
ClientSampleId :

PB96705BS

Tgt Ion:	149	Resp:	674296
Ion Ratio	Lower	Upper	
149	100		
91	68.1	63.9	95.9
206	20.0	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 38.41 ng

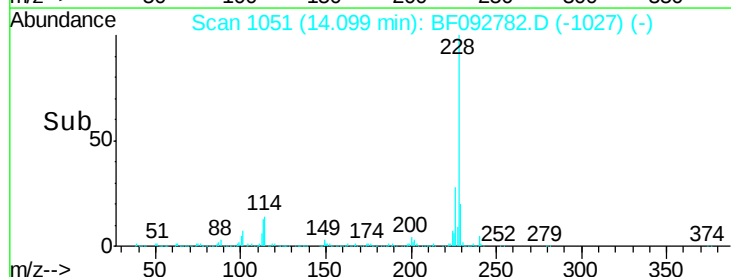
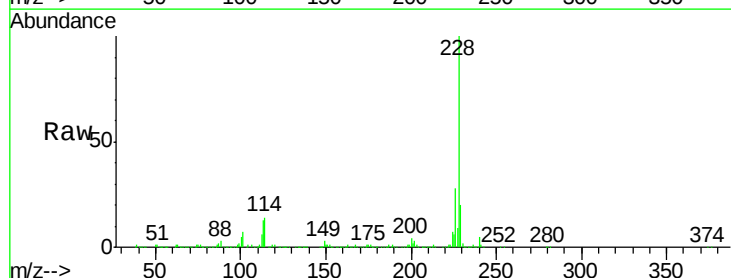
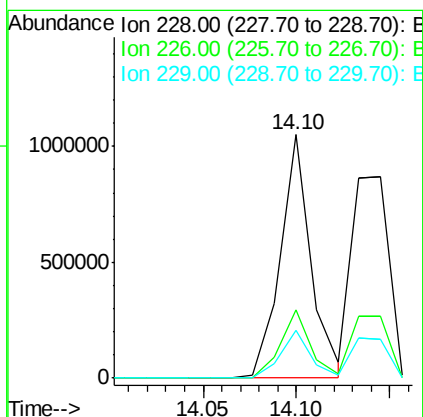
RT: 14.10 min Scan# 1051

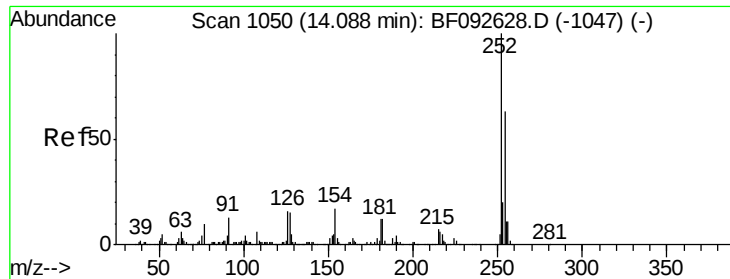
Delta R.T. -0.02 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Tgt Ion:	228	Resp:	1198931
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	19.8	16.2	24.4





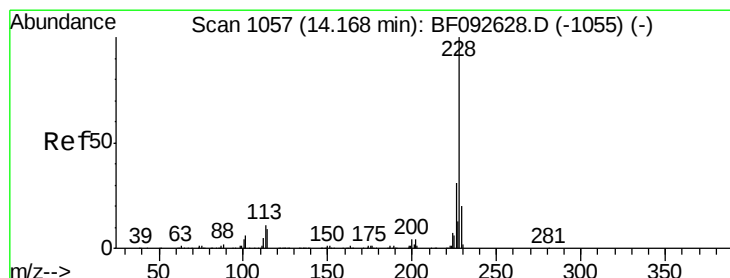
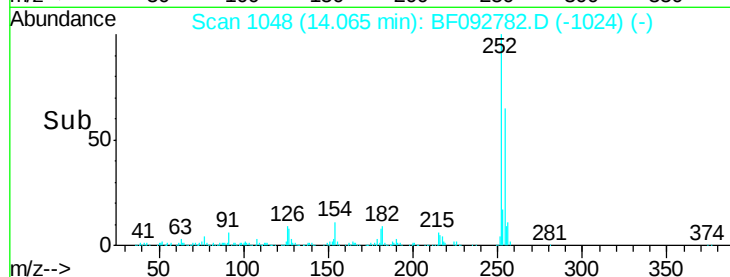
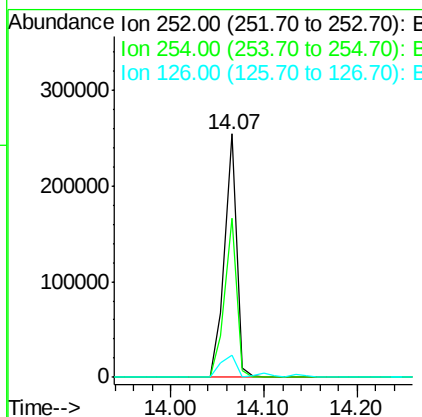
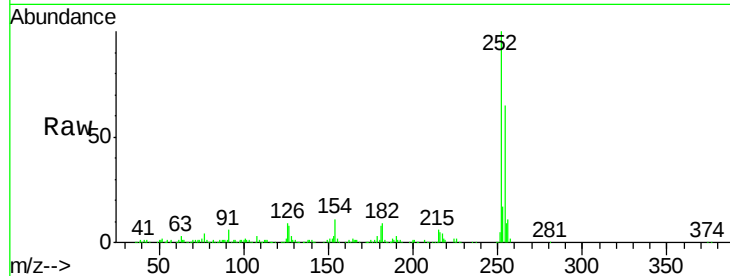
#81
 3,3'-Dichlorobenzidine
 Concen: 20.73 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	230631		
254	65.4	52.3	78.5	
126	8.9	13.6	20.4	

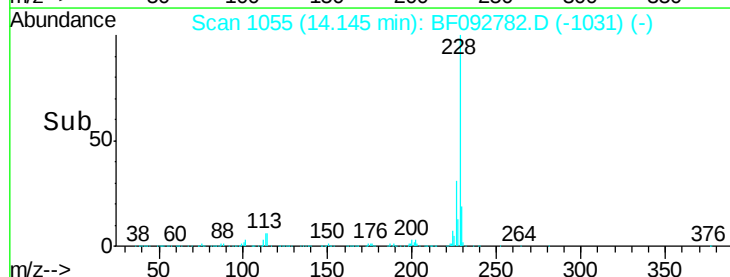
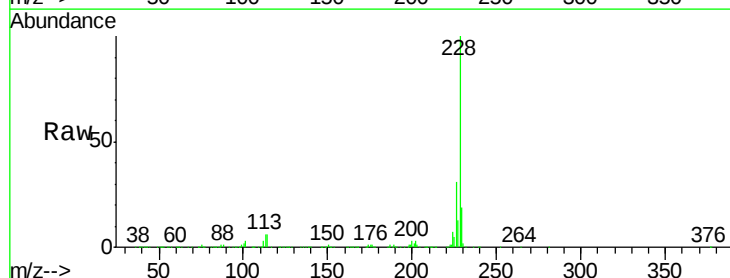
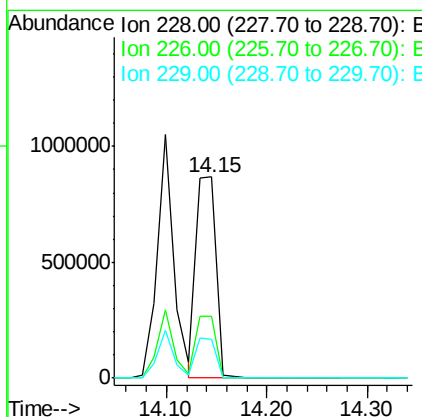
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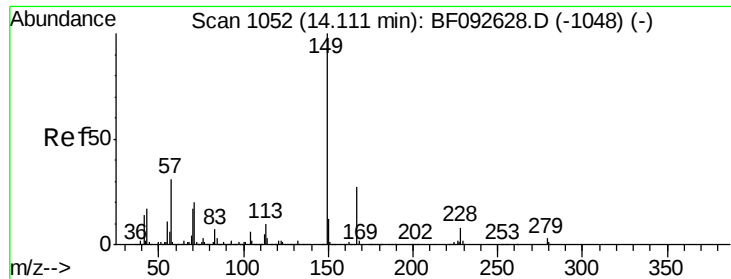
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#82
 Chrysene
 Concen: 41.32 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1207848		
226	30.6	25.4	38.0	
229	19.2	16.2	24.2	





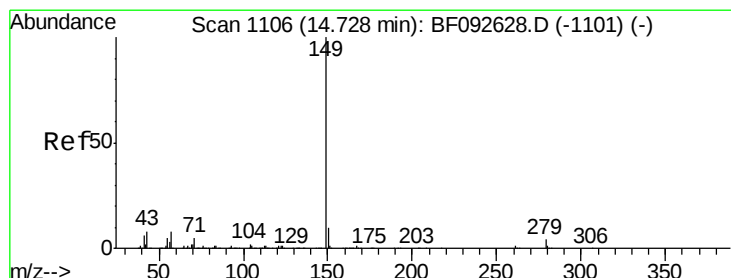
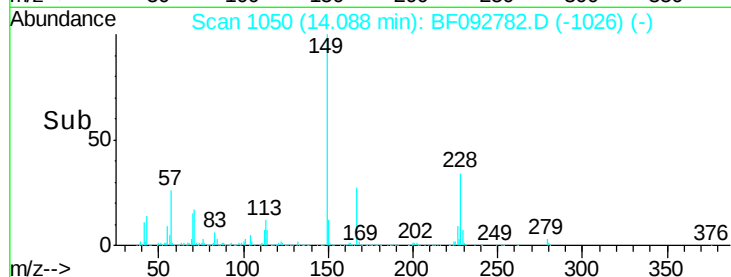
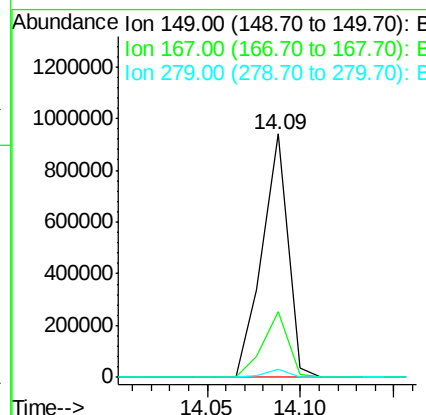
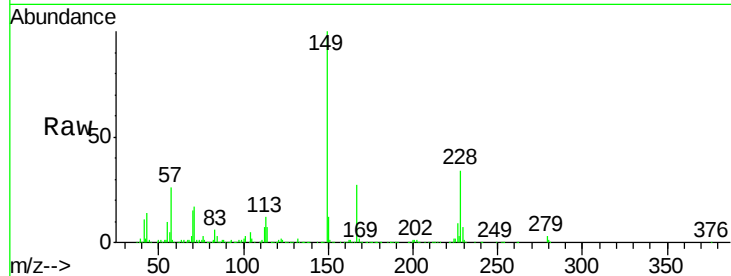
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.62 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96705BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.5	1.8	2.8

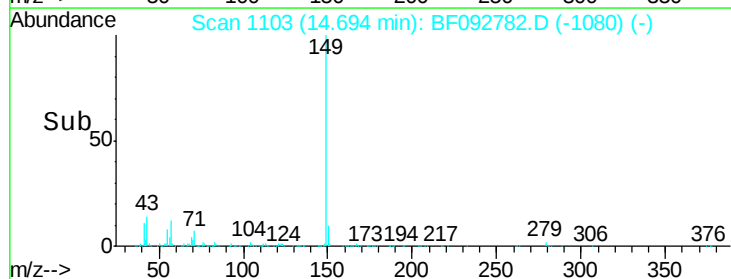
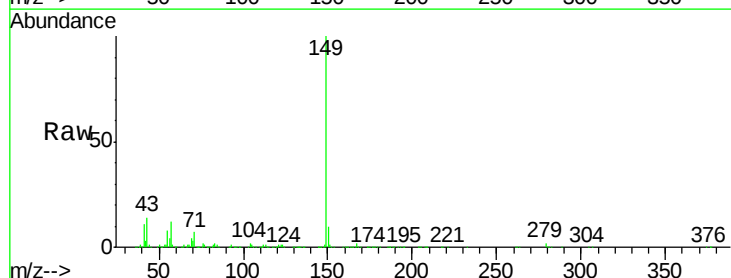
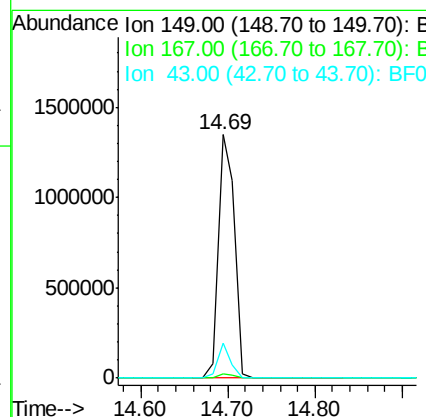
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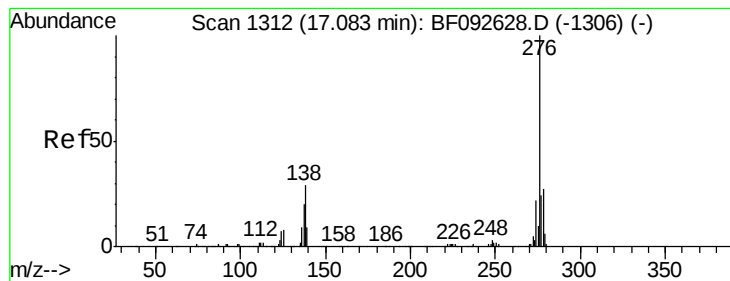
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#84
 Di-n-octyl phthalate
 Concen: 50.72 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.03 min
 Lab File: BF092782.D
 Acq: 3 Feb 2017 18:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.3	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.33 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB96705BS

Tgt Ion:276 Resp: 1094195

Ion Ratio Lower Upper

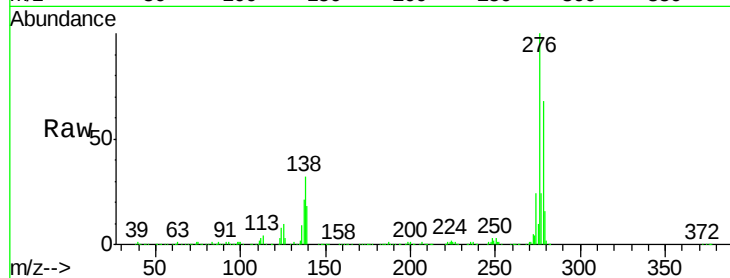
276 100

138 32.6 21.8 32.6

277 24.8 20.2 30.4

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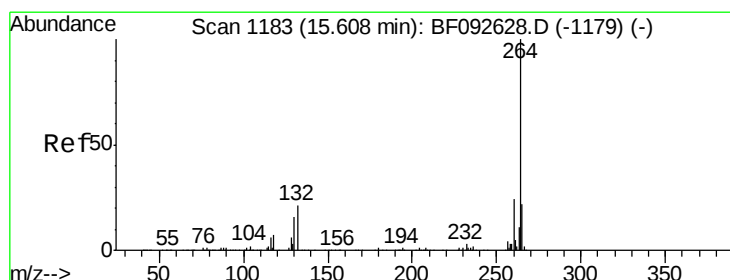
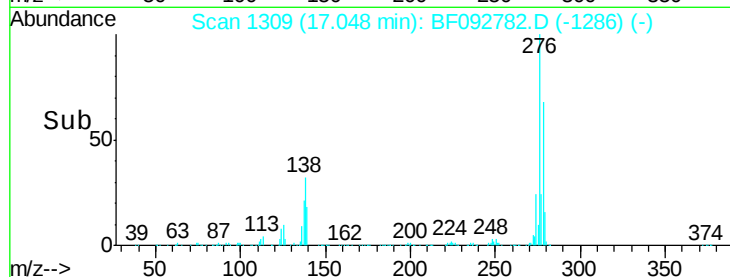
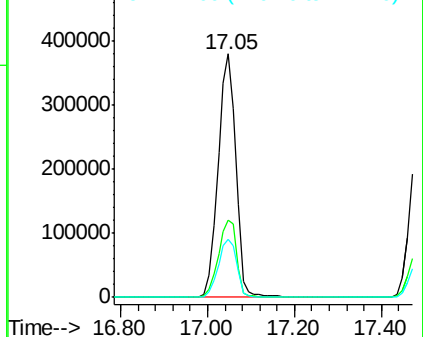
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

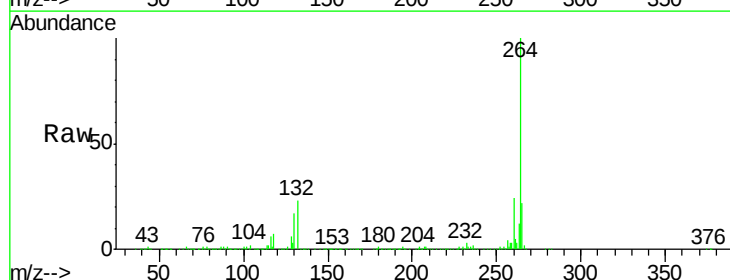
Tgt Ion:264 Resp: 447606

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

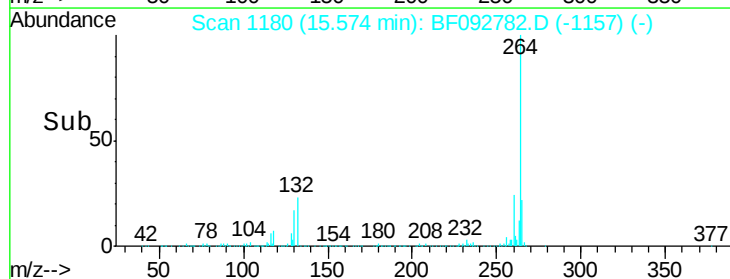
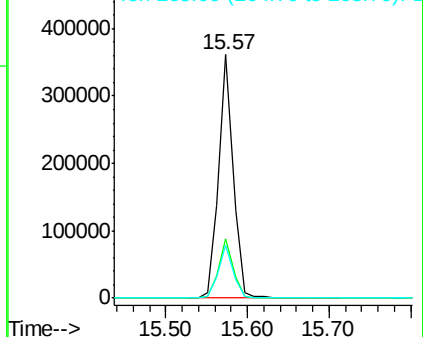
265 21.8 17.4 26.0

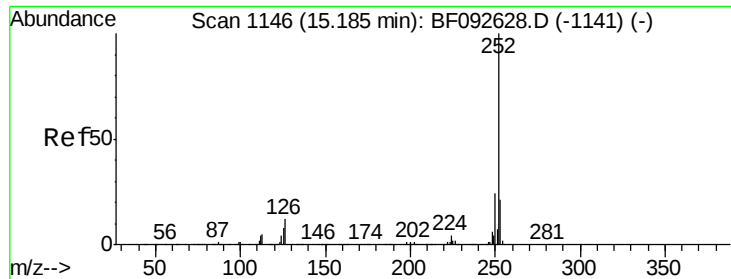


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.99 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

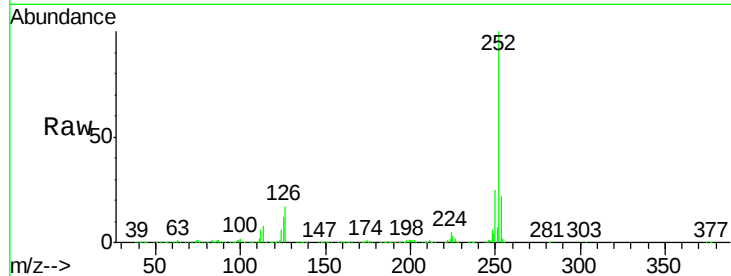
ClientSampleId :

PB96705BS

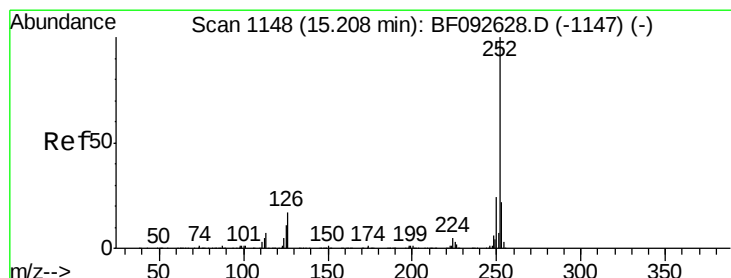
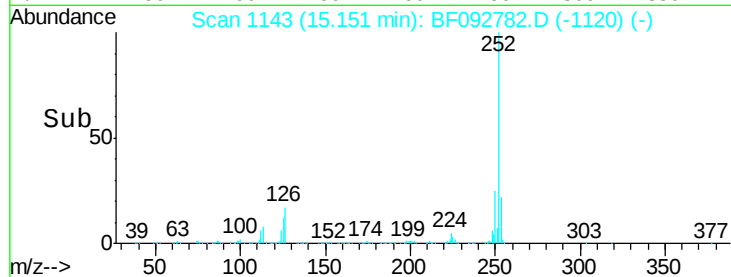
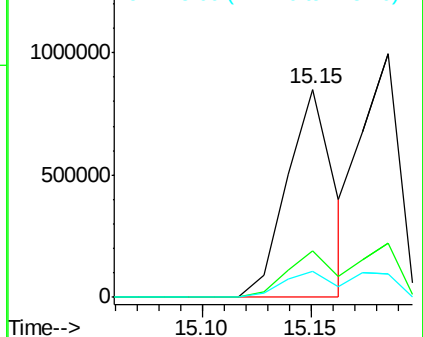
Tgt Ion:	252	Resp:	1266475
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.4	9.8	14.6

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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: 47.36 ng m

RT: 15.19 min Scan# 1146

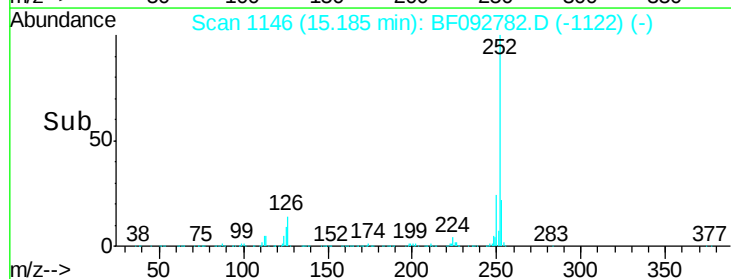
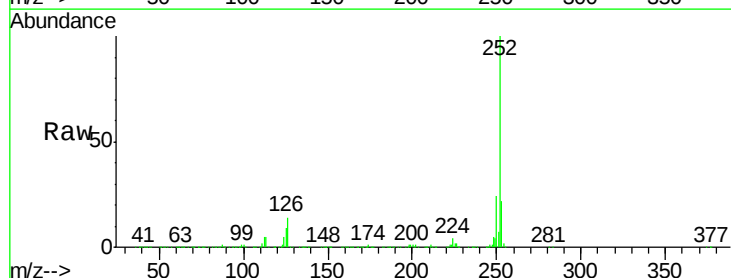
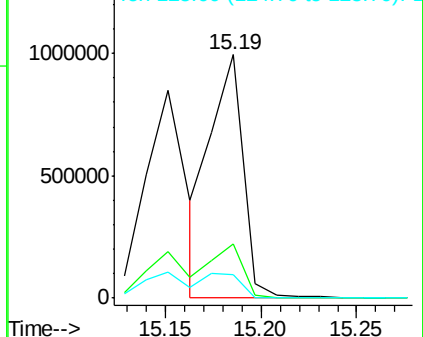
Delta R.T. -0.02 min

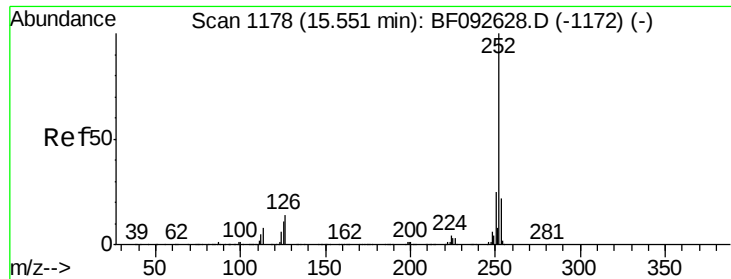
Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Tgt Ion:	252	Resp:	1204714
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	9.4	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: 44.06 ng

RT: 15.52 min Scan# 1175

Delta R.T. -0.03 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB96705BS

Tgt Ion:252 Resp: 1122779

Ion Ratio Lower Upper

252 100

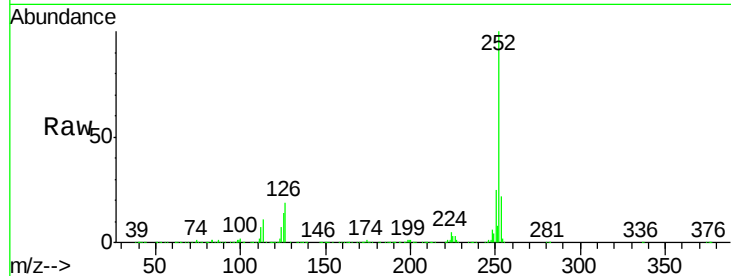
253 22.4 18.2 27.2

125 14.1 10.0 15.0

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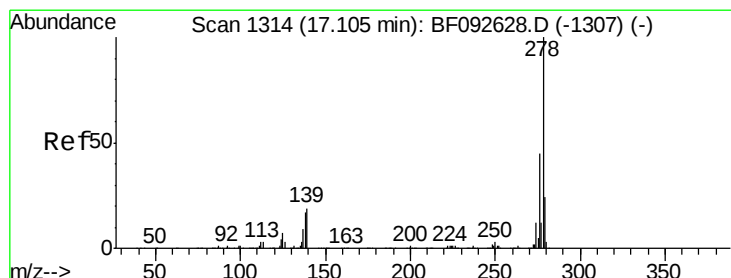
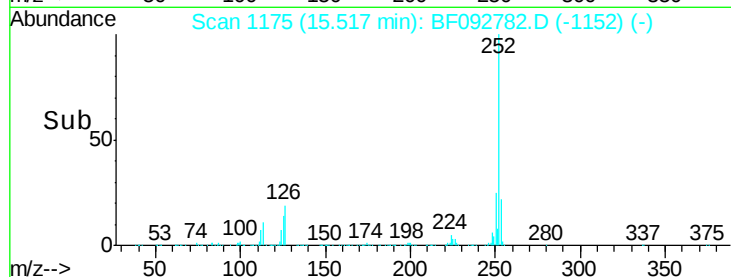
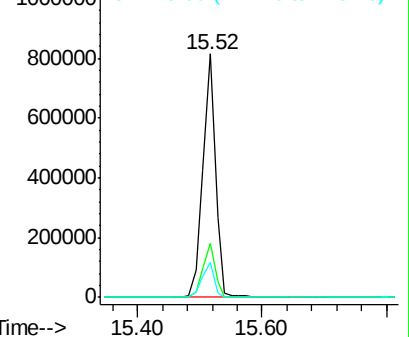
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.96 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

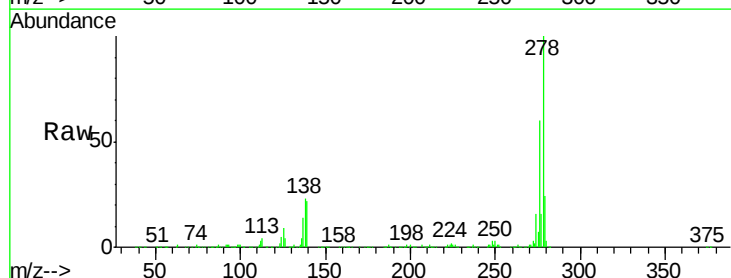
Tgt Ion:278 Resp: 905448

Ion Ratio Lower Upper

278 100

139 22.1 14.8 22.2

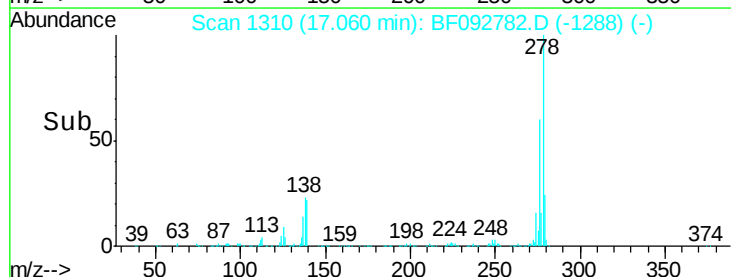
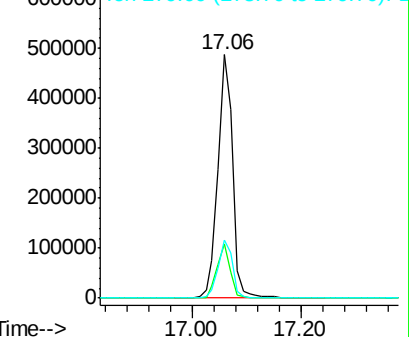
279 23.8 19.8 29.6

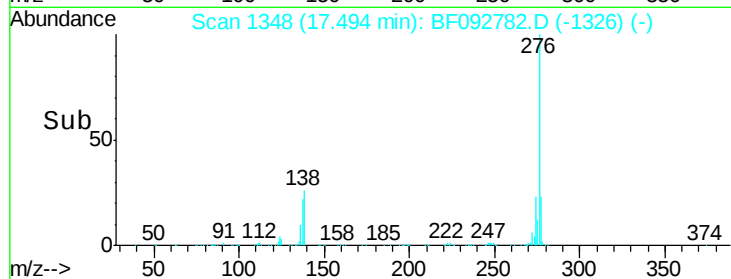
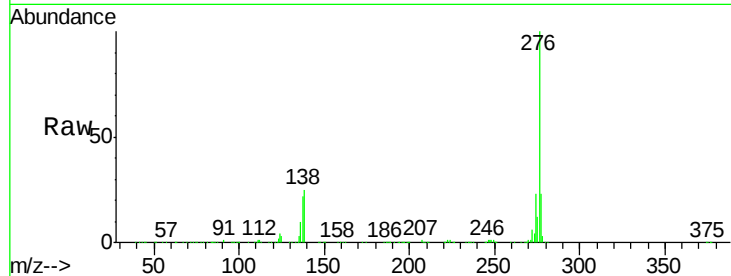
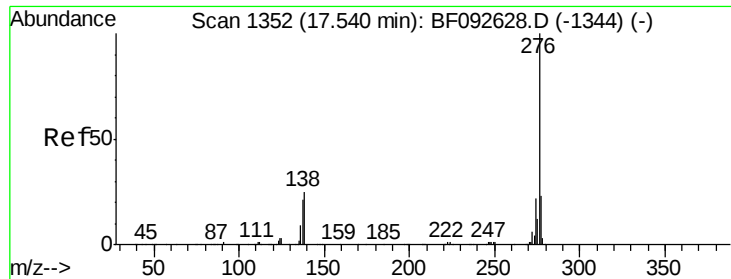


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.64 ng

RT: 17.49 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BF092782.D

Acq: 3 Feb 2017 18:26

Instrument :

BNA_F

ClientSampleId :

PB96705BS

Tgt Ion:	276	Resp:	845597
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.2	28.8
138	25.5	16.0	24.0#

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