

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092061.D
 Acq On : 3 Jan 2017 15:27
 Operator : UM/SJ
 Sample : PB95723BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB95723BS

Manual Integrations
 APPROVED

Sohil
 1/4/2017 2:05:40 PM

Quant Time: Jan 04 12:28:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	252412	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	976018	20.00	ng	-0.04
38) Acenaphthene-d10	9.72	164	553928	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	882303	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	691375	20.00	ng	-0.04
86) Perylene-d12	15.20	264	732041	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1826717	120.84	ng	-0.04
7) Phenol-d6	6.34	99	2350876	127.38	ng	-0.04
23) Nitrobenzene-d5	7.25	82	1405049	80.05	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	576114	125.67	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2268668	83.72	ng	-0.04
78) Terphenyl-d14	12.78	244	2411303	84.59	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	238430	32.04	ng	99
3) Pyridine	2.87	79	695076	26.76	ng	95
4) n-Nitrosodimethylamine	2.84	42	346402	35.35	ng	97
6) Aniline	6.33	93	375929	15.68	ng	# 75
8) 2-Chlorophenol	6.46	128	635833	36.98	ng	94
9) Benzaldehyde	6.22	77	57728	3.98	ng	97
10) Phenol	6.36	94	836081	39.75	ng	# 65
11) bis(2-Chloroethyl)ether	6.41	93	636881	38.06	ng	96
12) 1,3-Dichlorobenzene	6.61	146	678912m	36.98	ng	
13) 1,4-Dichlorobenzene	6.69	146	717554	38.40	ng	96
14) 1,2-Dichlorobenzene	6.85	146	601261m	37.09	ng	
15) Benzyl Alcohol	6.82	79	508452	35.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	873360	35.05	ng	69
17) 2-Methylphenol	6.95	107	517054	37.39	ng	95
18) Hexachloroethane	7.18	117	224531	32.41	ng	# 89
19) n-Nitroso-di-n-propylamine	7.10	70	438339	35.70	ng	98
20) 3+4-Methylphenols	7.11	107	655911	39.77	ng	# 73
22) Acetophenone	7.09	105	870142	36.14	ng	93
24) Nitrobenzene	7.26	77	590903	31.61	ng	99
25) Isophorone	7.51	82	1215630	37.54	ng	98
26) 2-Nitrophenol	7.58	139	335158	36.35	ng	97
27) 2,4-Dimethylphenol	7.64	122	613425	40.12	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	782649	39.86	ng	99
29) 2,4-Dichlorophenol	7.83	162	563300	43.50	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	545059	38.42	ng	96
31) Naphthalene	7.98	128	1760520	39.41	ng	100
32) Benzoic acid	7.78	122	443805	39.13	ng	98
33) 4-Chloroaniline	8.04	127	209998	10.43	ng	98
34) Hexachlorobutadiene	8.10	225	307158	41.01	ng	98
35) Caprolactam	8.42	113	203208m	47.76	ng	
36) 4-Chloro-3-methylphenol	8.55	107	649711	43.61	ng	90
37) 2-Methylnaphthalene	8.68	142	1324365	51.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	495014	35.37	ng	99
40) Hexachlorocyclopentadiene	8.82	237	505727	81.08	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	375579	38.37	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	369165	36.65	nq	# 81
45) 1,1'-Biphenyl	9.14	154	1598391	42.14	nq	98
46) 2-Chloronaphthalene	9.17	162	1238897	41.25	nq	96
47) 2-Nitroaniline	9.27	65	436043	40.77	nq	# 84
48) Acenaphthylene	9.58	152	1840941	39.85	nq	99
49) Dimethylphthalate	9.45	163	1312335	37.04	nq	99
50) 2,6-Dinitrotoluene	9.51	165	292793	37.76	nq	# 72
51) Acenaphthene	9.75	154	1167721	37.29	nq	99
52) 3-Nitroaniline	9.68	138	173079	18.04	nq	87
53) 2,4-Dinitrophenol	9.80	184	337266	78.17	nq	# 83
54) Dibenzofuran	9.92	168	1509501	35.69	nq	100
55) 4-Nitrophenol	9.88	139	487554	74.83	nq	99
56) 2,4-Dinitrotoluene	9.92	165	418594	43.01	nq	97
57) Fluorene	10.26	166	1275772	41.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	341617	42.88	nq	99
59) Diethylphthalate	10.15	149	1287652	37.42	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	520467	38.63	nq	98
61) 4-Nitroaniline	10.30	138	329362	33.12	nq	97
62) Azobenzene	10.41	77	1496832	39.51	nq	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	244568	45.84	nq	94
65) n-Nitrosodiphenylamine	10.38	169	1080644	41.28	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	355063	38.69	nq	100
67) Hexachlorobenzene	10.81	284	400252	40.80	nq	92
68) Atrazine	10.92	200	323389	38.29	nq	98
69) Pentachlorophenol	11.01	266	388068	80.62	nq	99
70) Phenanthrene	11.22	178	2047042	42.79	nq	99
71) Anthracene	11.27	178	1778459	40.53	nq	100
72) Carbazole	11.43	167	1587096	37.50	nq	99
73) Di-n-butylphthalate	11.77	149	2183686	48.49	nq	98
74) Fluoranthene	12.40	202	1911850	45.60	nq	99
76) Benzidine	12.53	184	581072	30.45	nq	98
77) Pyrene	12.63	202	2078194	40.97	nq	99
79) Butylbenzylphthalate	13.26	149	879793	38.13	nq	99
80) Benzo(a)anthracene	13.82	228	1772368	45.41	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	412395	27.87	nq	99
82) Chrysene	13.85	228	1428179	36.48	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1155469	42.53	nq	# 94
84) Di-n-octyl phthalate	14.44	149	2051438	40.76	nq	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1472573	43.42	nq	99
87) Benzo(b)fluoranthene	14.83	252	1616515m	35.47	nq	
88) Benzo(k)fluoranthene	14.86	252	1659162m	42.69	nq	
89) Benzo(a)pyrene	15.16	252	1530152	37.83	nq	99
90) Dibenzo(a,h)anthracene	16.52	278	1210527	36.41	nq	99
91) Benzo(g,h,i)perylene	16.89	276	1209554	34.99	nq	# 93

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

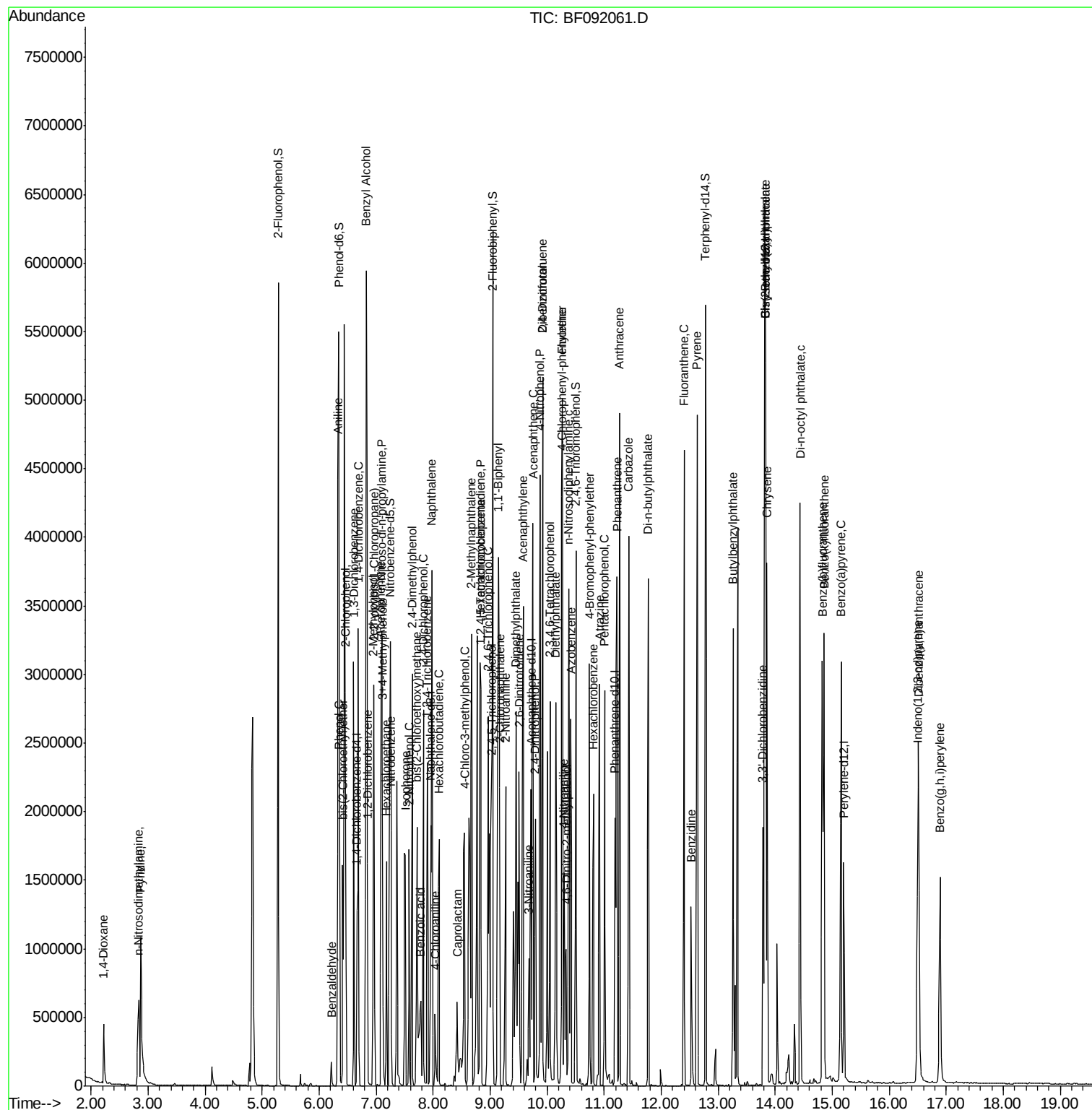
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
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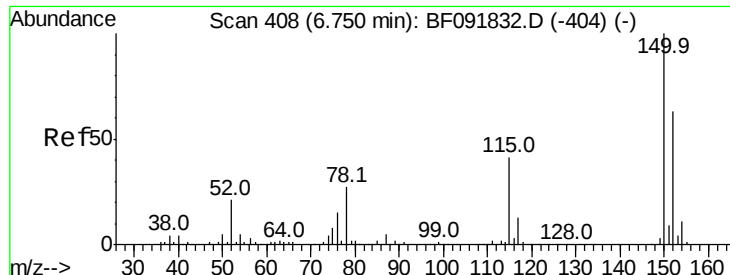
Instrument :
 BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

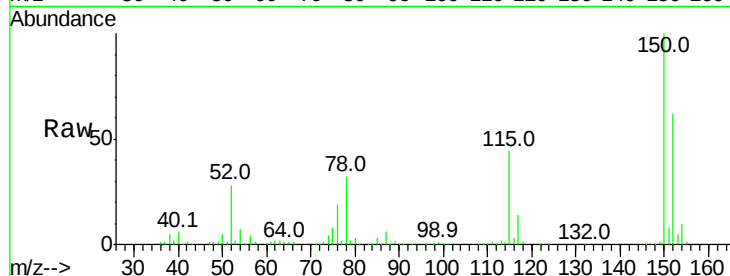
ClientSampled :

PB95723BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.9	187.3
115	70.3	46.0	69.0

Manual Integrations
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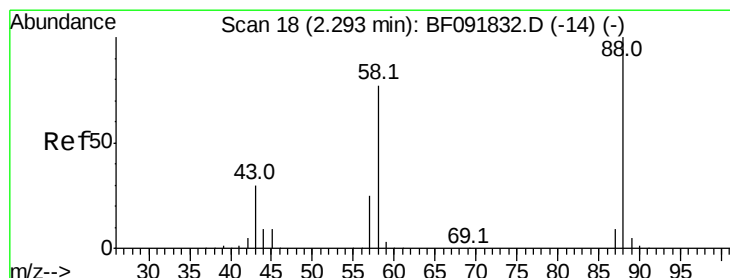
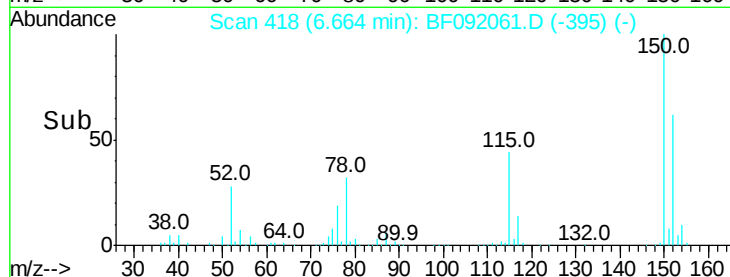
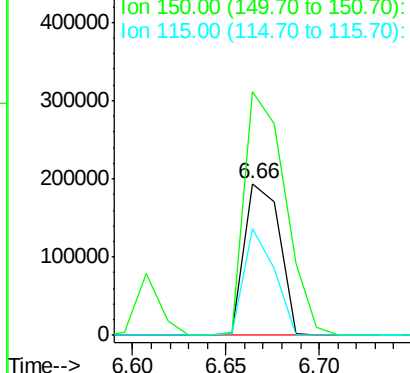


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.04 ng

RT: 2.22 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

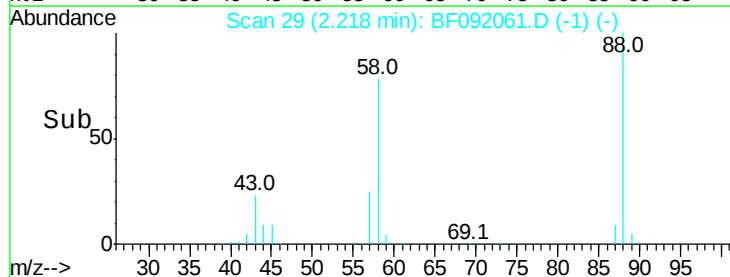
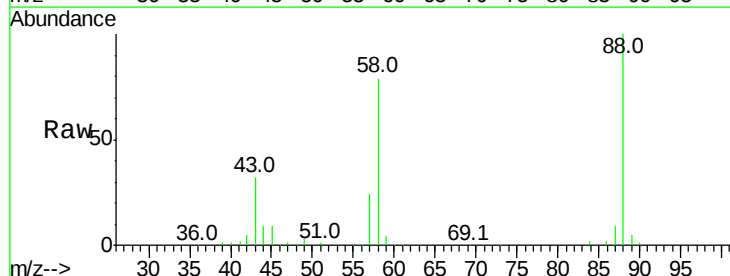
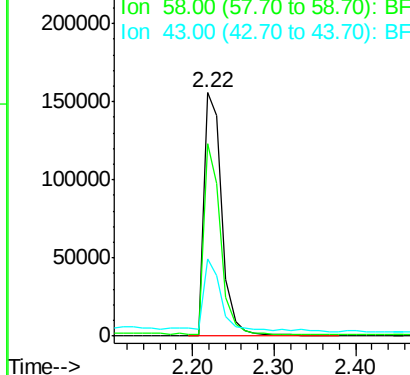
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	57.8	86.8
43	27.4	22.3	33.5

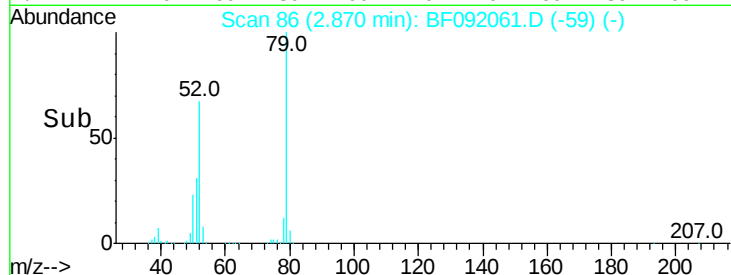
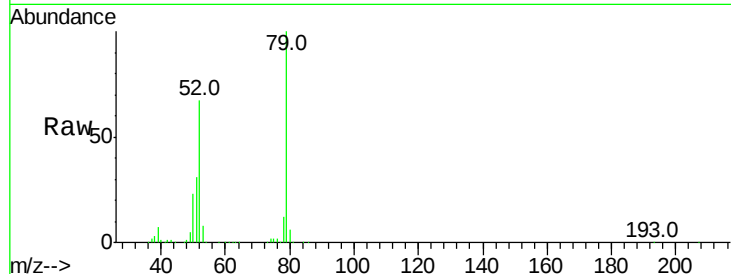
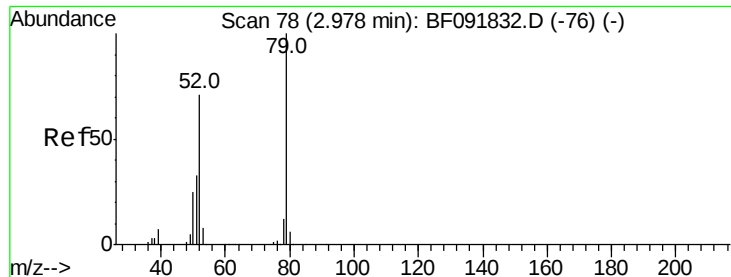
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





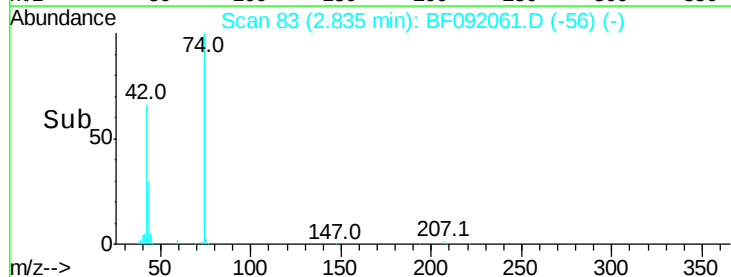
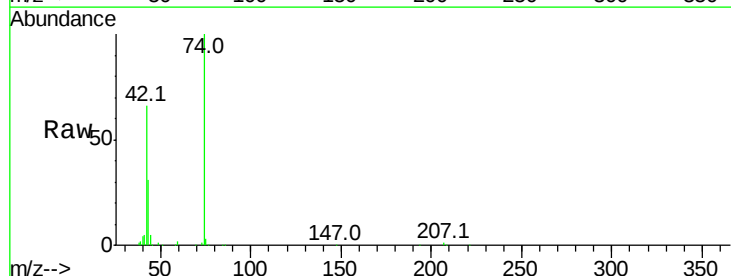
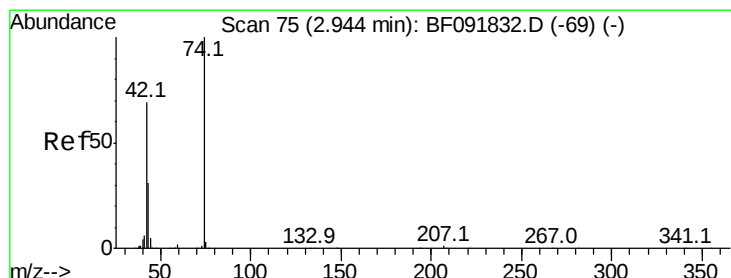
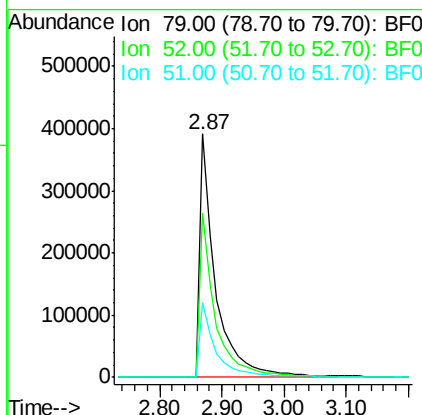
#3
 Pvridine
 Concen: 26.76 ng
 RT: 2.87 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.3	57.1	85.7
51	30.9	27.3	40.9

Instrument :
 BNA_F
 ClientSampled :
 PB95723BS

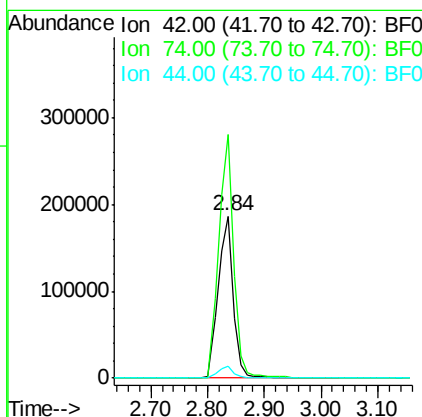
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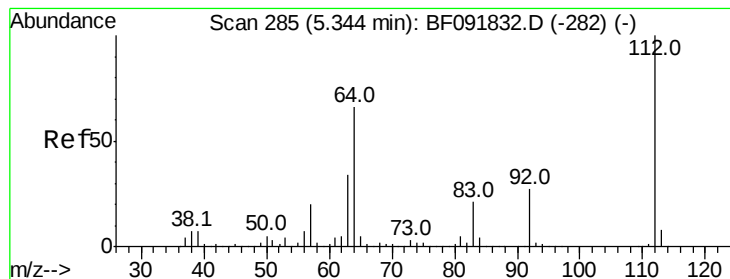
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#4
 n-Nitrosodimethylamine
 Concen: 35.35 ng
 RT: 2.84 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.6	117.0	175.4
44	7.4	5.5	8.3





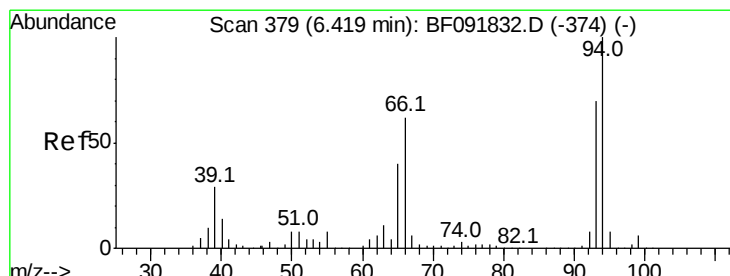
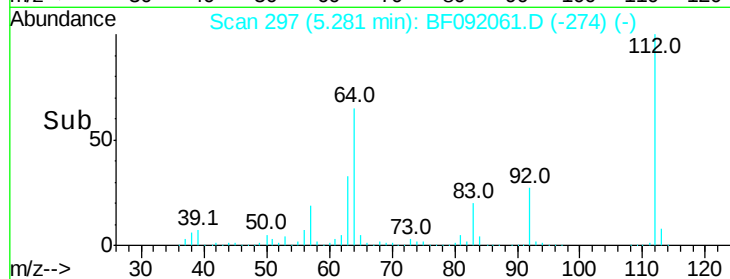
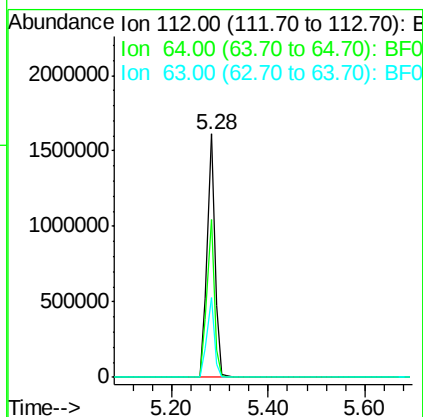
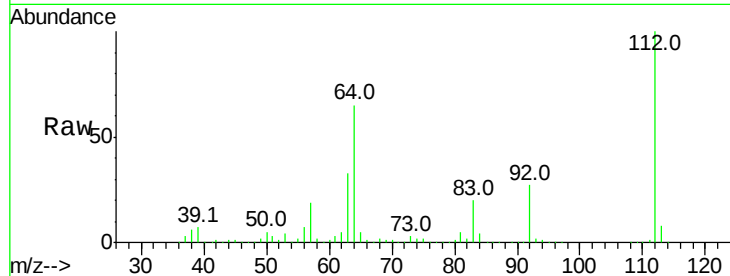
#5
2-Fluorophenol
Concen: 120.84 ng
RT: 5.28 min Scan# 297
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.1	69.1
63	32.9	23.8	35.6

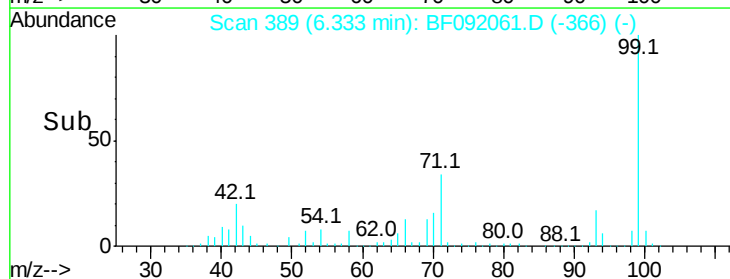
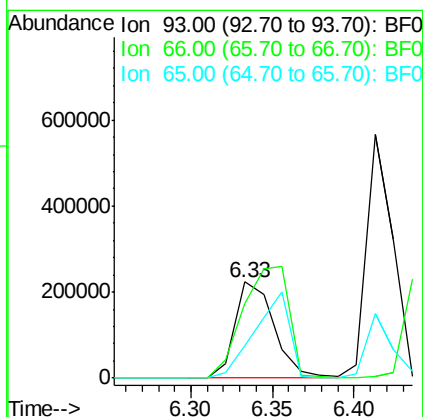
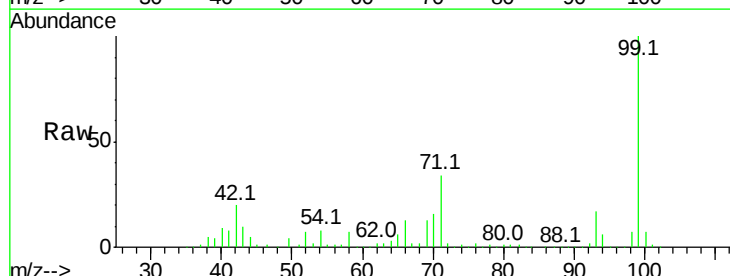
Manual Integrations
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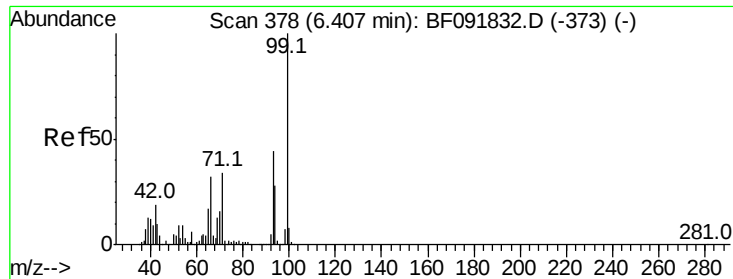
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#6
Aniline
Concen: 15.68 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
66	77.6	76.2	114.2
65	33.9	49.3	73.9#





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion: 99 Resp: 2350876

Ion Ratio Lower Upper

99 100

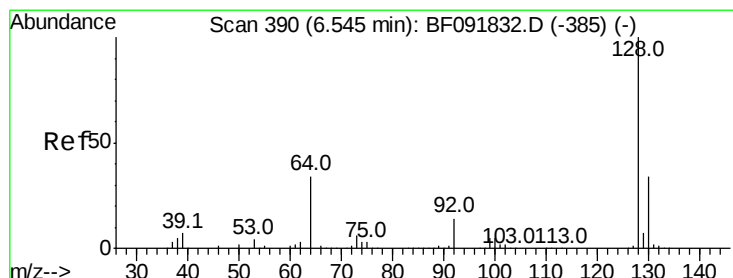
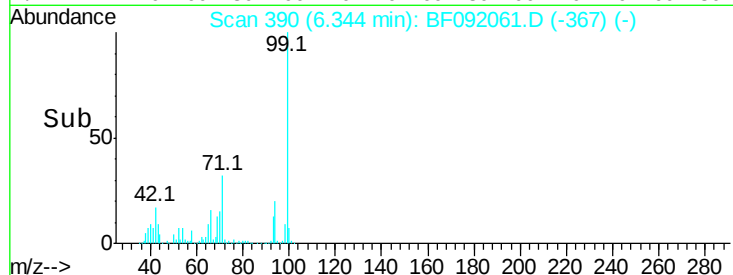
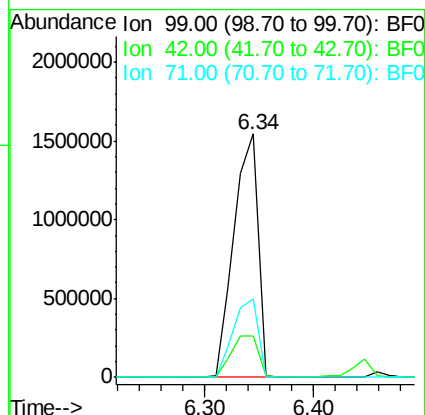
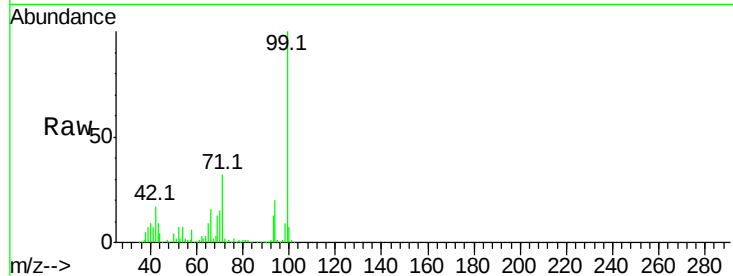
42 16.8 15.6 23.4

71 32.5 27.5 41.3

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#8

2-Chlorophenol

Concen: 36.98 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

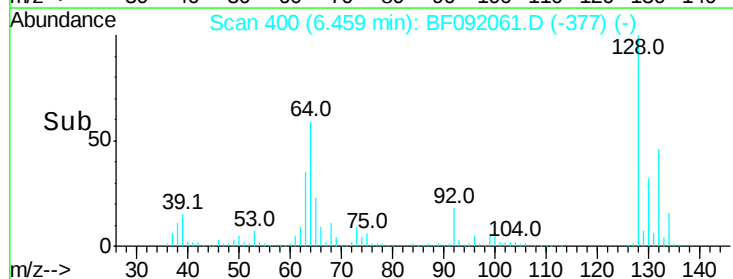
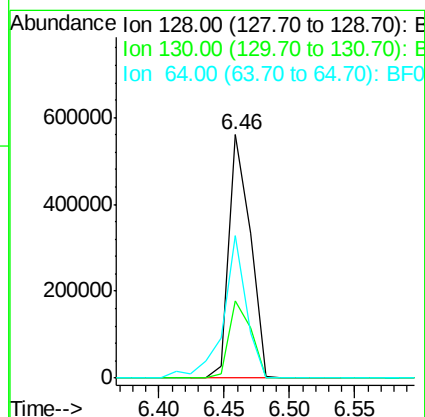
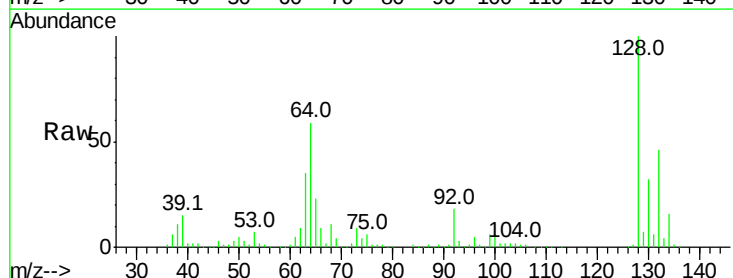
Tgt Ion: 128 Resp: 635833

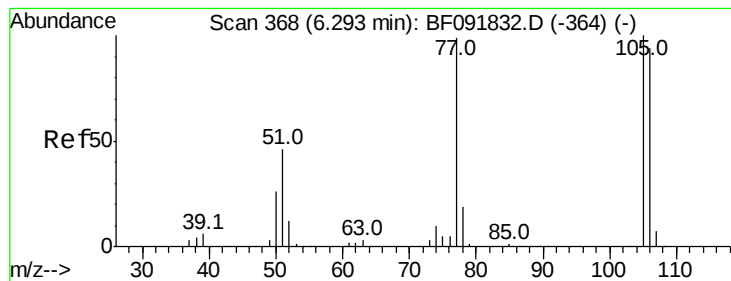
Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

64 58.8 32.2 72.2





#9

Benzaldehyde

Concen: 3.98 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

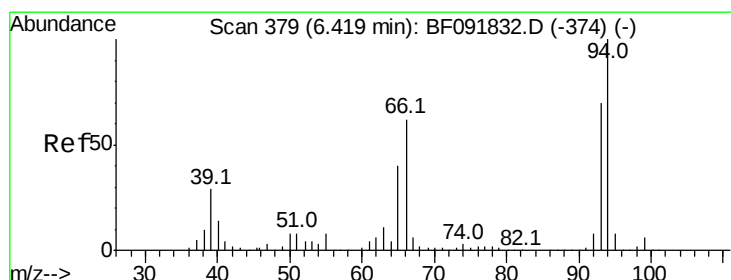
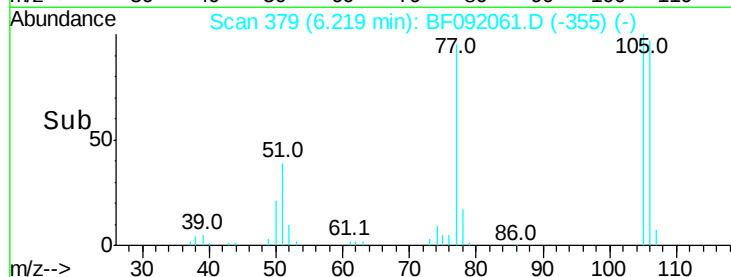
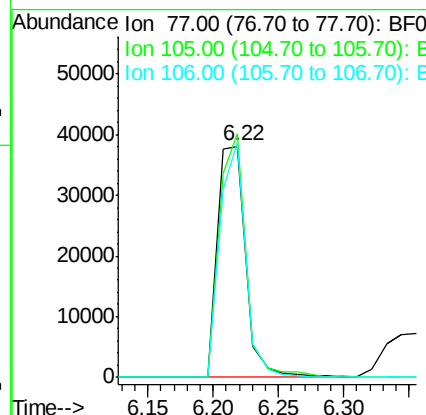
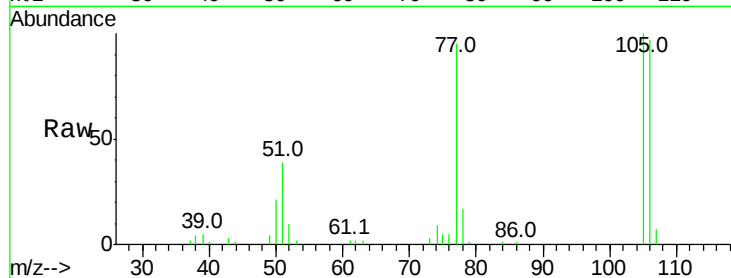
ClientSampleID :

PB95723BS

Tot Ion:	77	Resp:	57728
Ion	Ratio	Lower	Upper
77	100		
105	105.5	83.9	123.9
106	101.8	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 39.75 ng

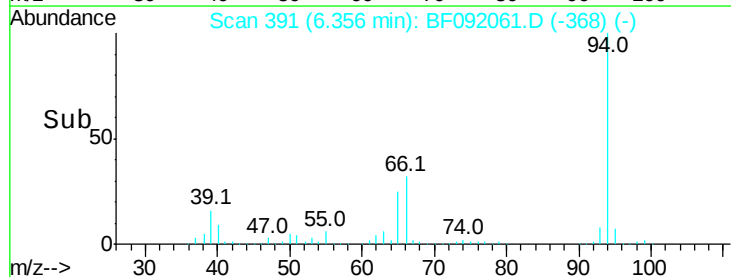
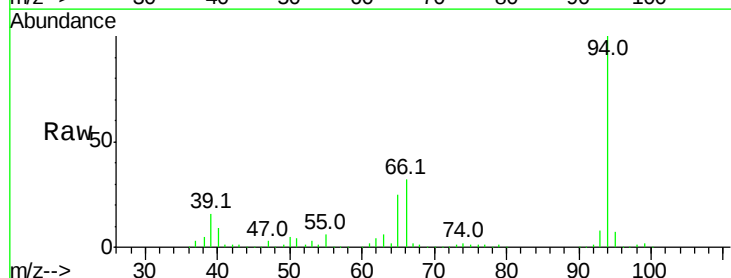
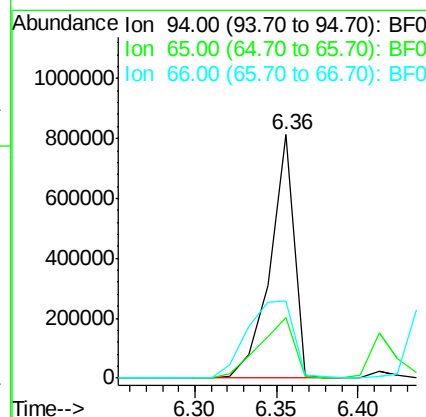
RT: 6.36 min Scan# 391

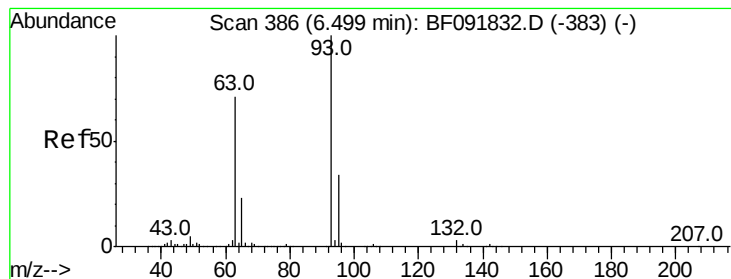
Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	94	Resp:	836081
Ion	Ratio	Lower	Upper
94	100		
65	24.7	21.4	61.4
66	31.9	44.0	84.0#





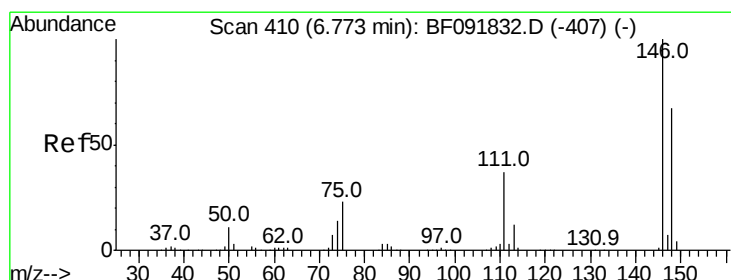
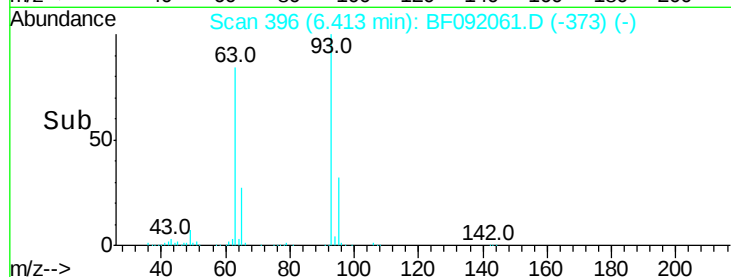
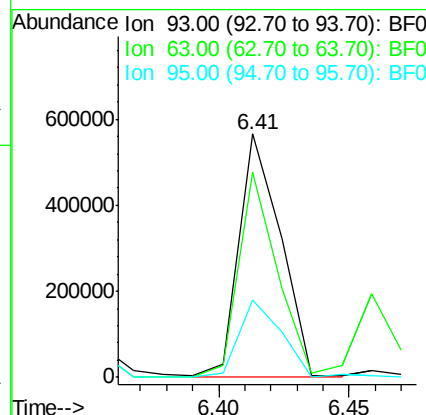
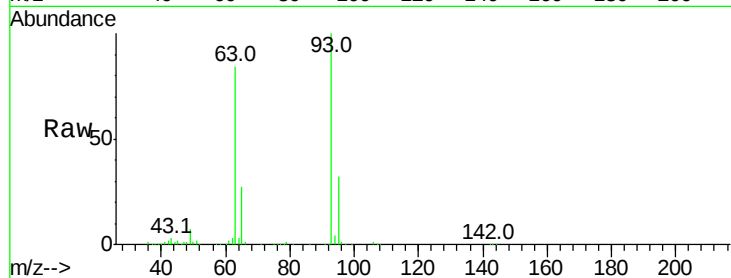
#11
bis(2-Chloroethyl)ether
Concen: 38.06 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	636881		
63	84.4	60.4	100.4	
95	31.9	12.8	52.8	

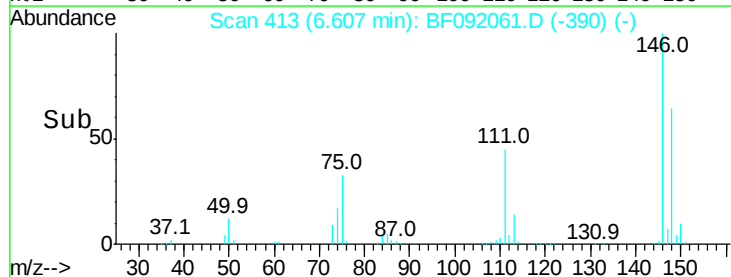
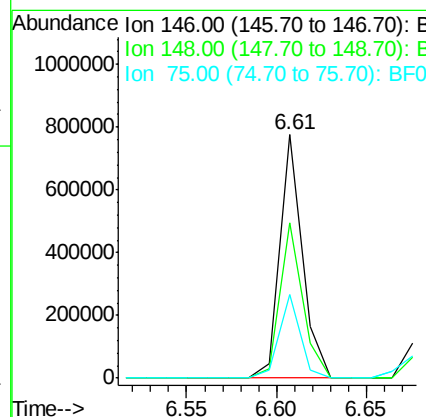
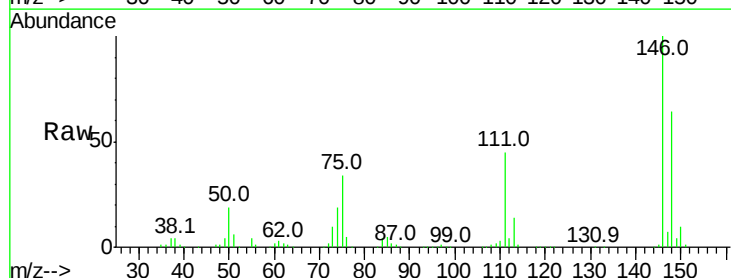
Manual Integrations
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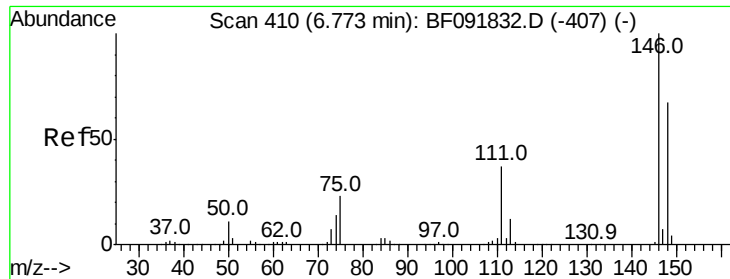
Sohil
1/4/2017 2:05:40 PM



#12
1,3-Dichlorobenzene
Concen: 36.98 ng m
RT: 6.61 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	678912		
148	63.6	53.4	80.0	
75	34.2	18.5	27.7	





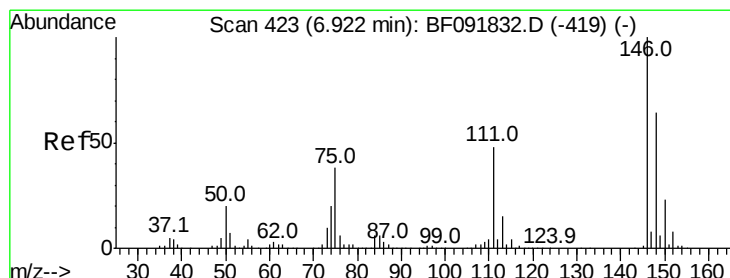
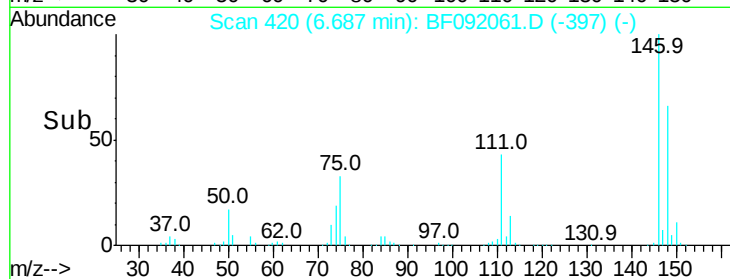
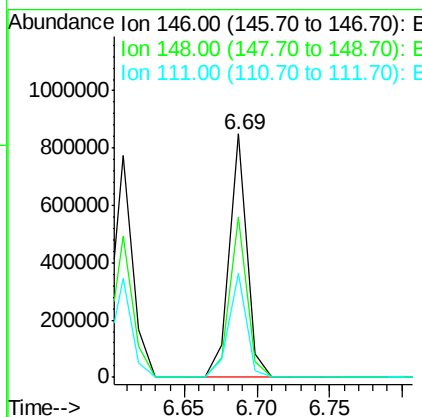
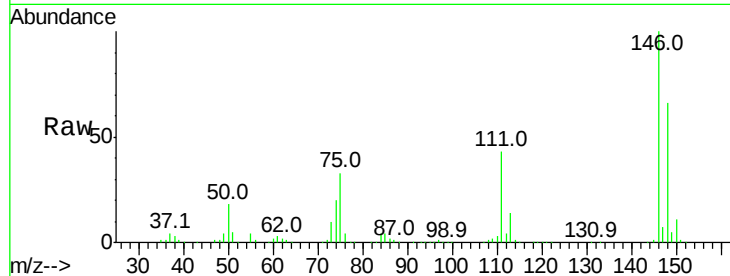
#13
 1,4-Dichlorobenzene
 Concen: 38.40 ng
 RT: 6.69 min Scan# 420
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleID :
 PB95723BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	76.0
111	42.5	36.2	54.4

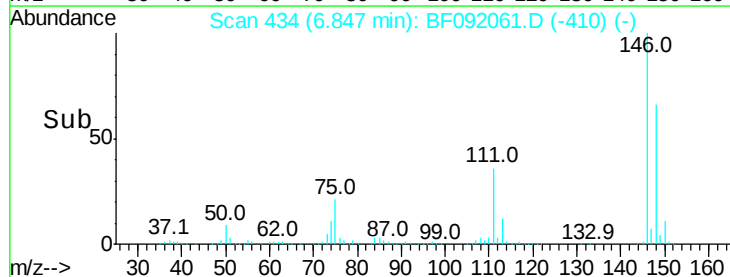
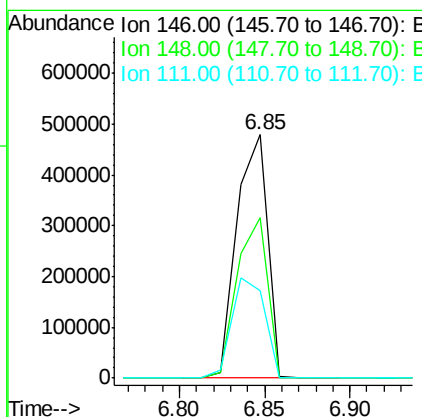
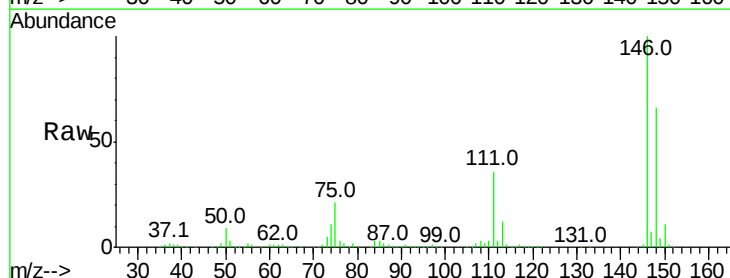
Manual Integrations
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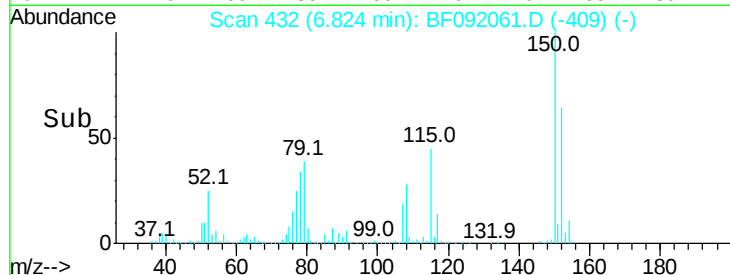
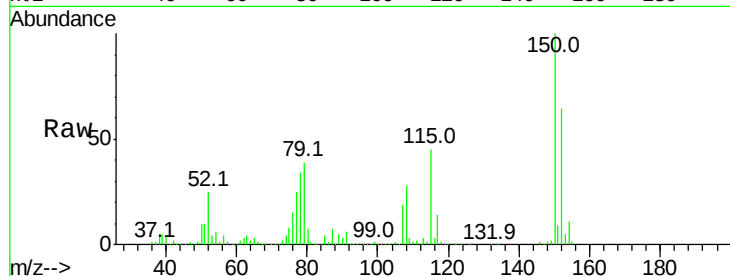
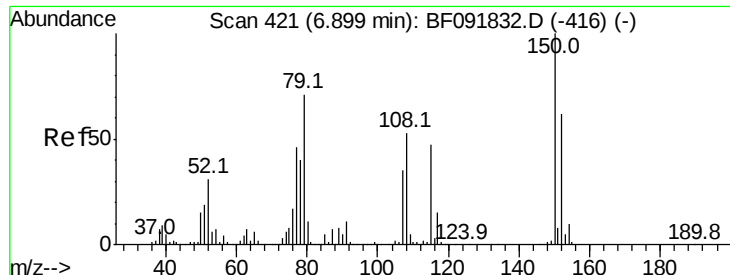
Sohil
 1/4/2017 2:05:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.09 ng m
 RT: 6.85 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.2
111	35.7	36.2	54.2#





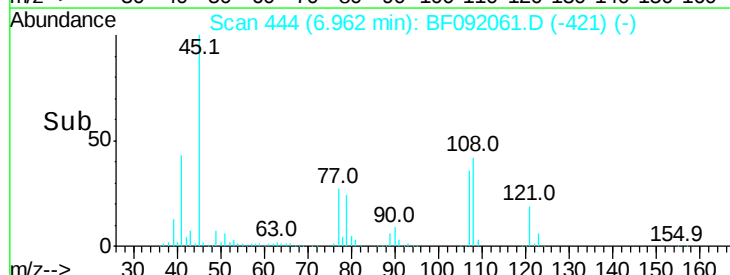
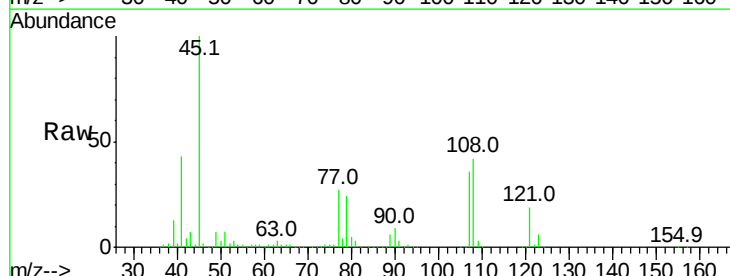
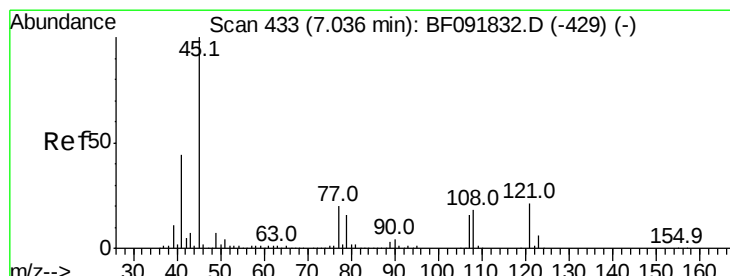
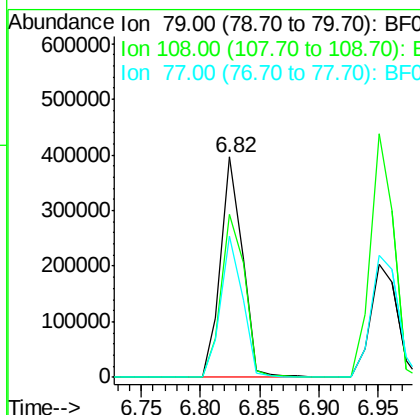
#15
Benzyl Alcohol
Concen: 35.46 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.6	61.4	92.0	
77	64.2	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
PB95723BS

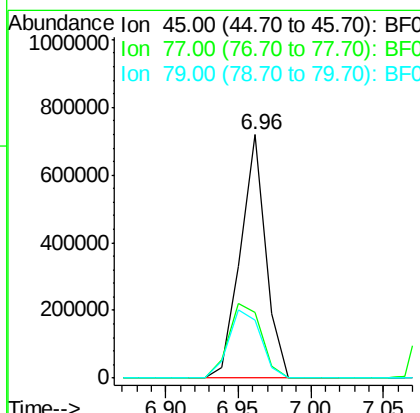
Manual Integrations
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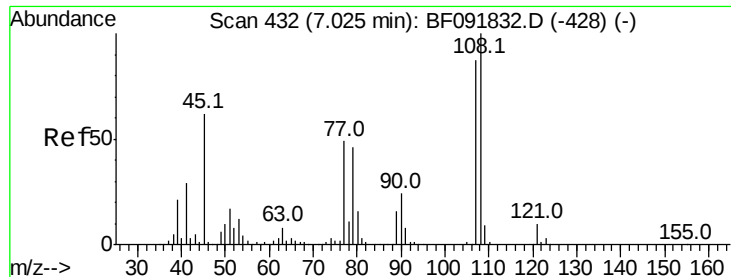
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.05 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	26.9	0.0	34.6	
79	23.8	0.0	31.2	





#17

2-Methylphenol

Concen: 37.39 ng

RT: 6.95 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:107 Resp: 517054

Ion Ratio Lower Upper

107 100

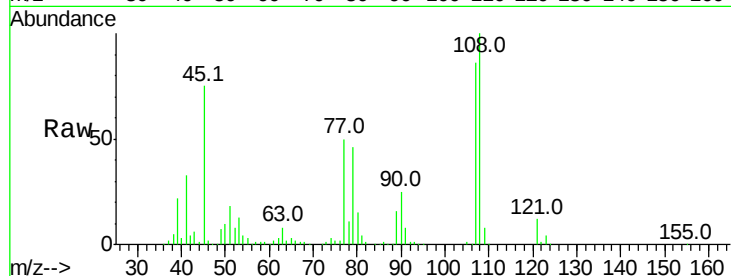
108 116.3 93.0 139.6

77 58.5 39.8 59.8

79 53.8 38.0 57.0

Manual Integrations
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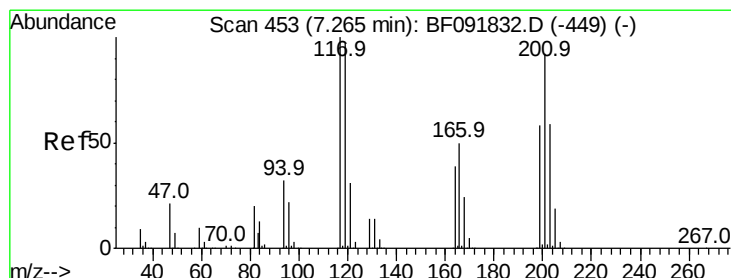
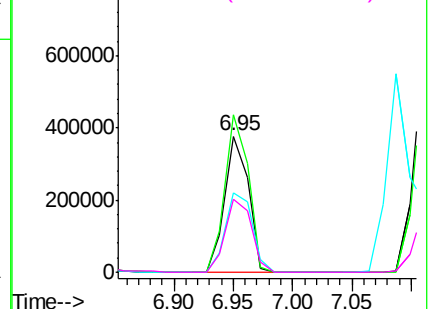
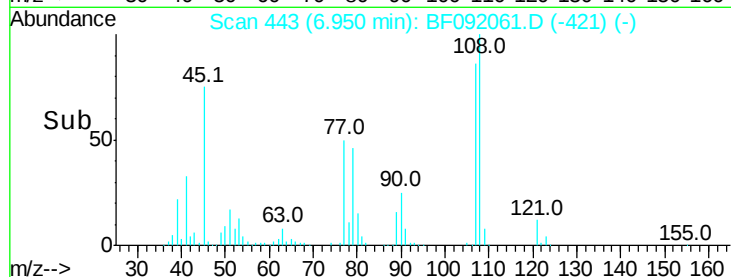


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.41 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

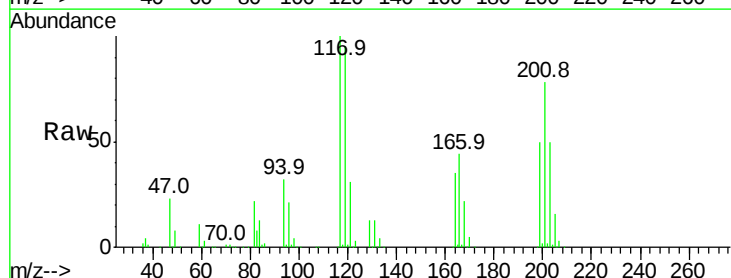
Tgt Ion:117 Resp: 224531

Ion Ratio Lower Upper

117 100

119 95.3 78.1 117.1

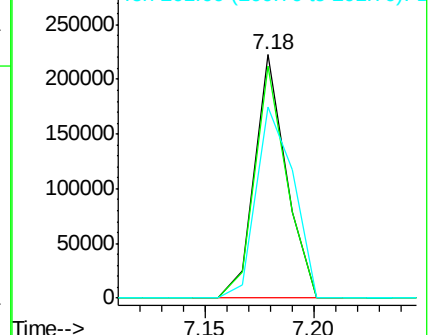
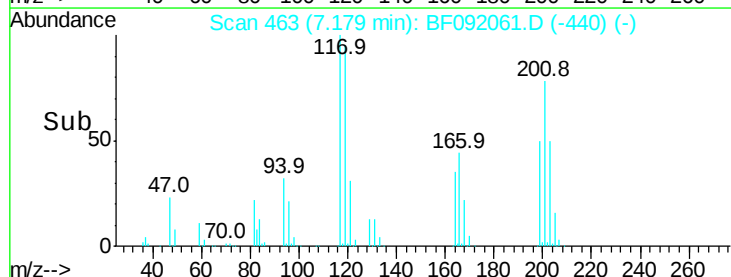
201 78.3 78.6 117.8#

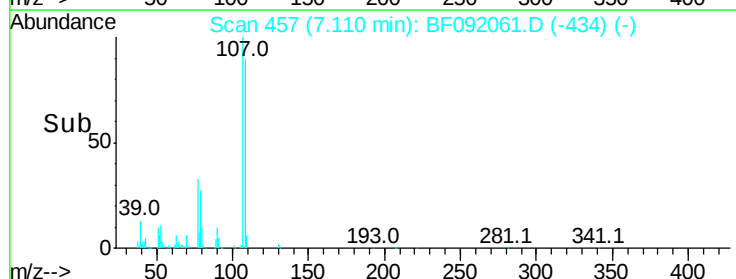
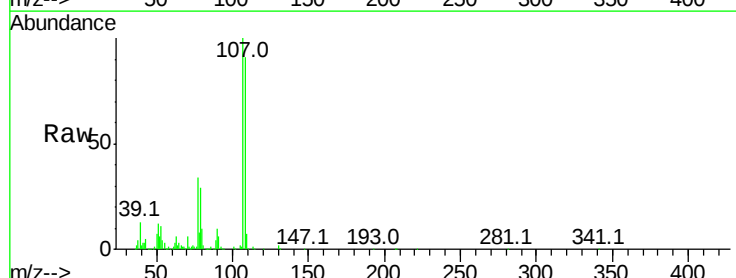
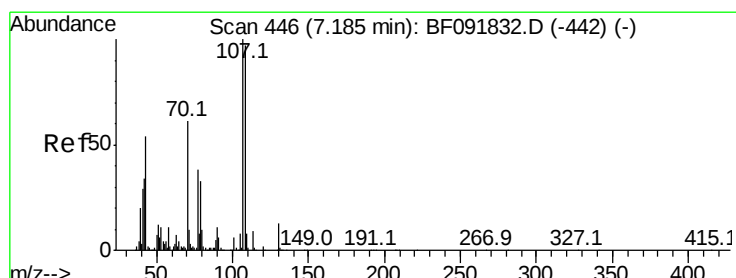
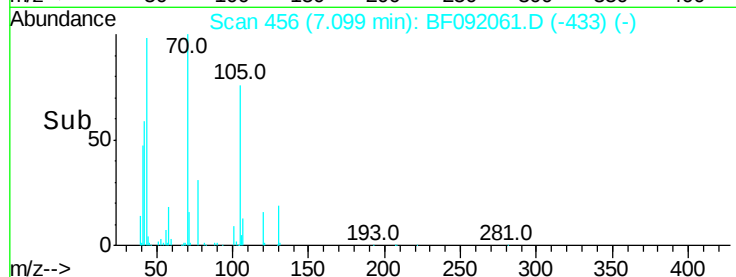
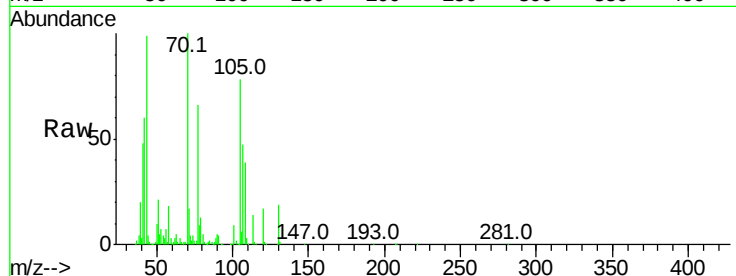
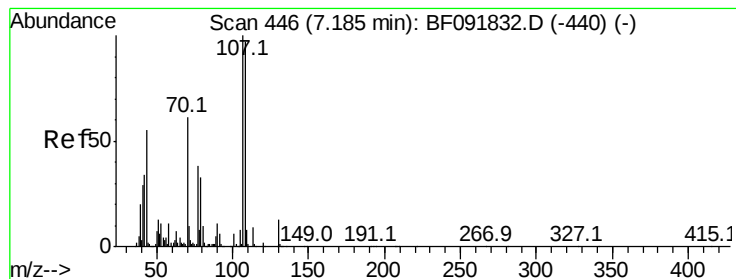


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.70 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion: 70 Resp: 438339

Ion Ratio Lower Upper

70 100

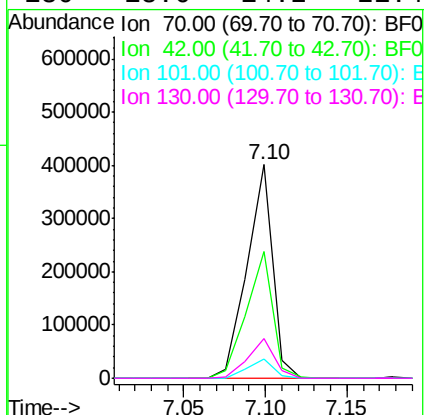
42 59.5 49.4 74.0

101 9.0 7.4 11.2

130 18.6 14.2 21.4

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#20

3+4-Methylphenols

Concen: 39.77 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion: 107 Resp: 655911

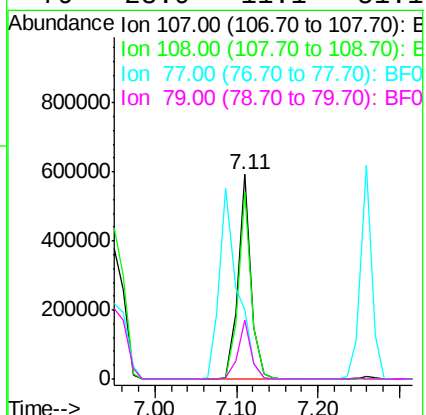
Ion Ratio Lower Upper

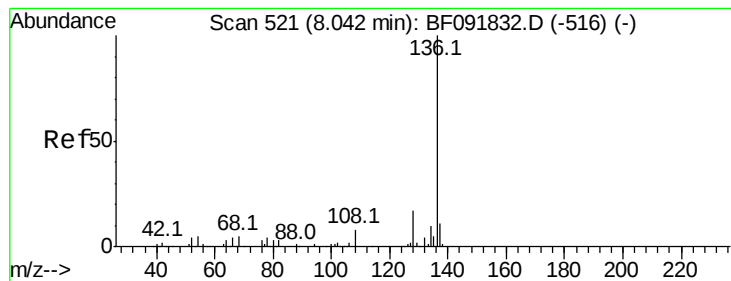
107 100

108 91.3 73.0 113.0

77 33.9 71.3 111.3#

79 28.9 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:136 Resp: 976018

Ion Ratio Lower Upper

136 100

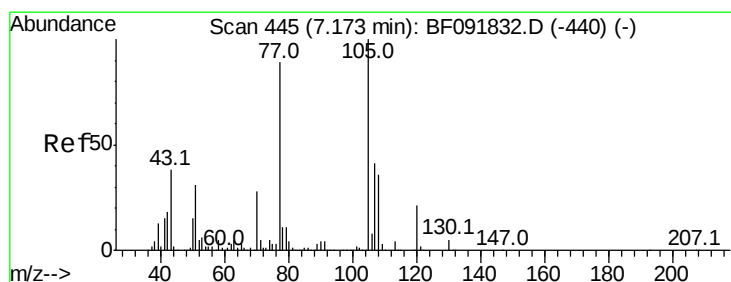
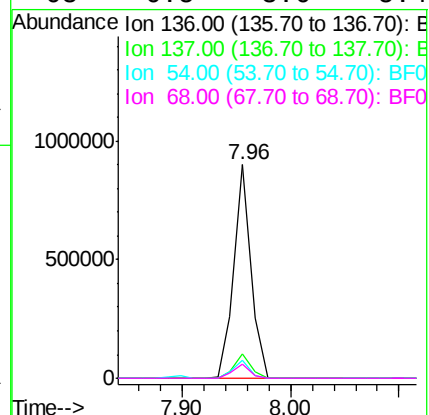
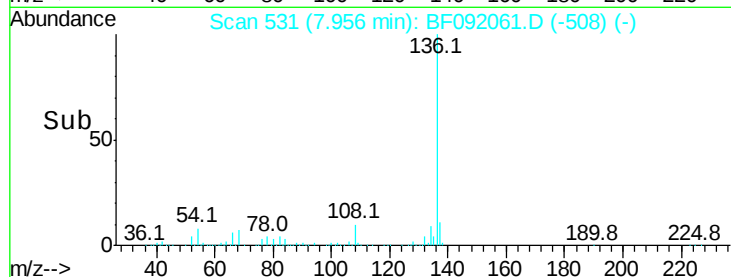
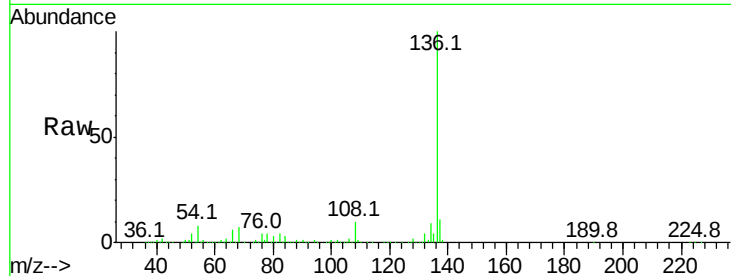
137 11.4 8.4 12.6

54 8.4 4.5 6.7#

68 6.5 3.6 5.4#

Manual Integrations
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#22

Acetophenone

Concen: 36.14 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:105 Resp: 870142

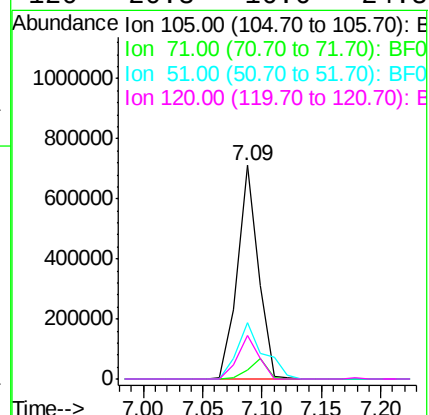
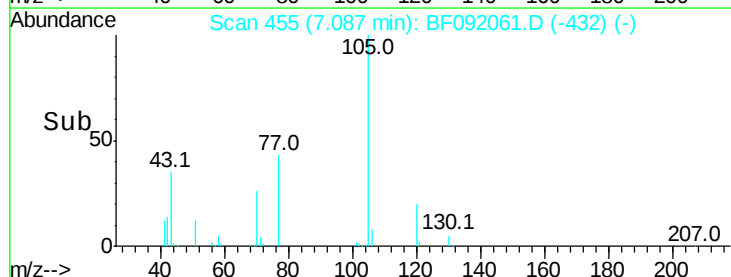
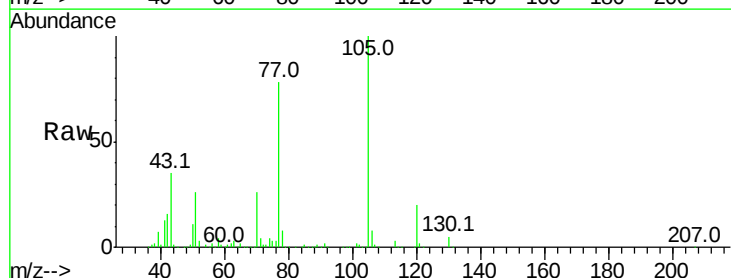
Ion Ratio Lower Upper

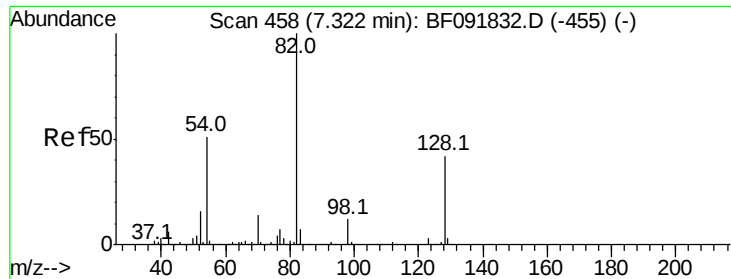
105 100

71 4.3 3.2 4.8

51 26.5 26.2 39.4

120 20.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 80.05 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampled :

PB95723BS

Tot Ion: 82 Resp: 1405049

Ion Ratio Lower Upper

82 100

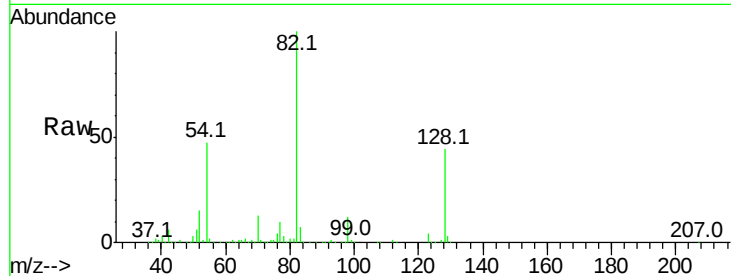
128 44.4 34.6 52.0

54 47.1 39.5 59.3

Manual Integrations
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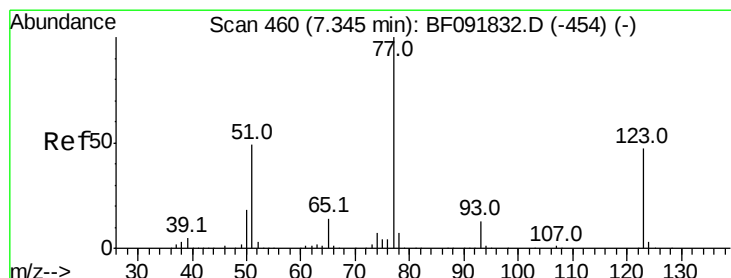
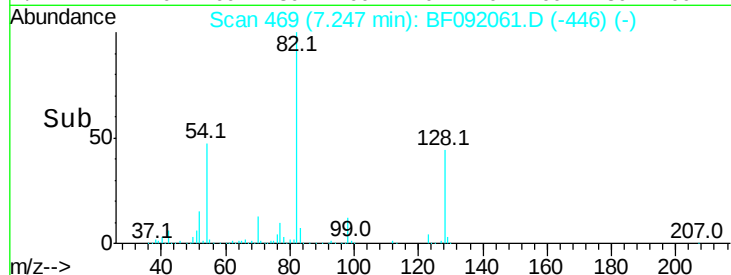
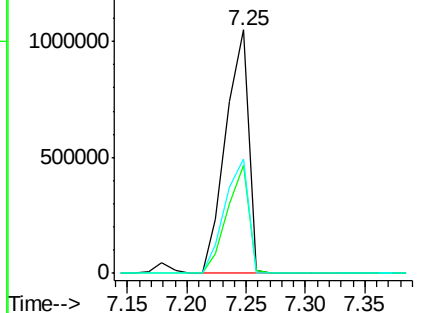
1/4/2017 2:05:40 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.61 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

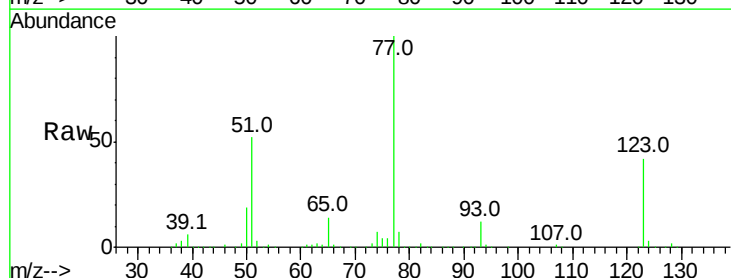
Tgt Ion: 77 Resp: 590903

Ion Ratio Lower Upper

77 100

123 42.1 33.0 49.4

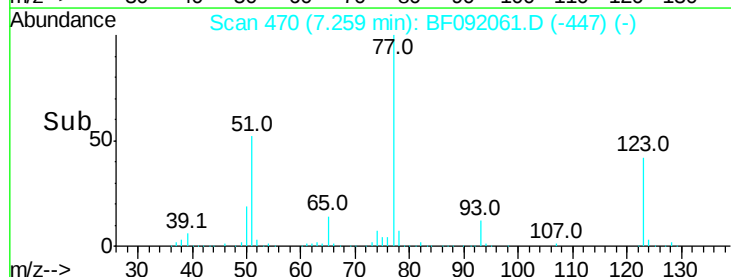
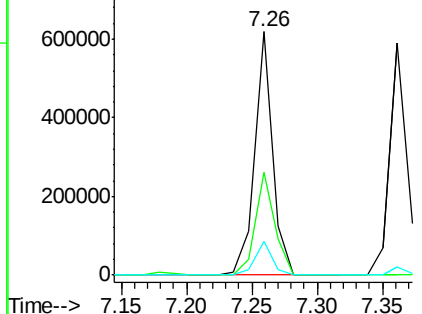
65 13.6 11.2 16.8

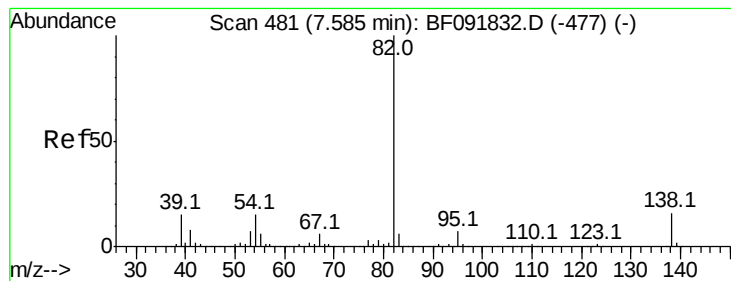


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.54 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampled :

PB95723BS

Tot Ion: 82 Resp: 1215630

Ion Ratio Lower Upper

82 100

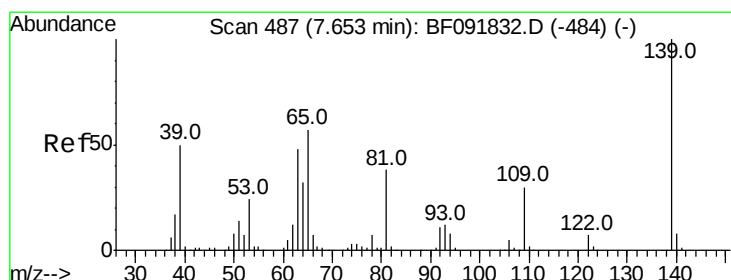
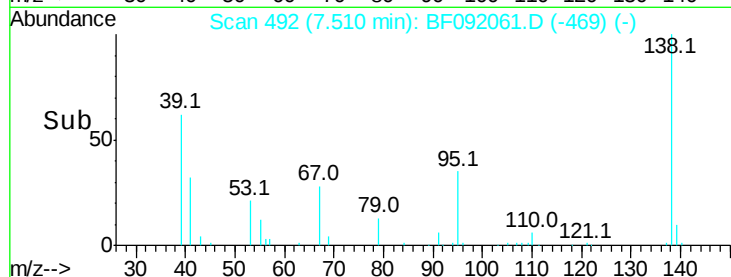
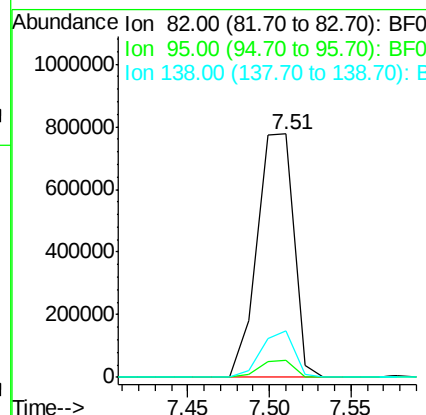
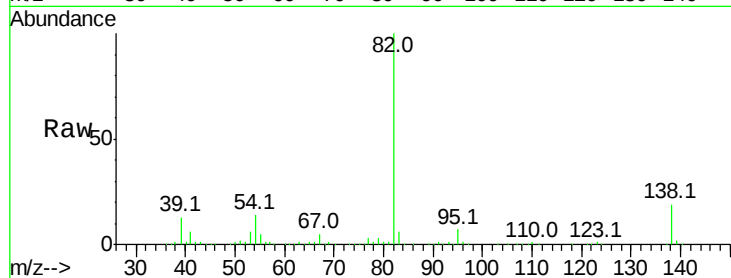
95 6.8 5.6 8.4

138 19.2 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.35 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

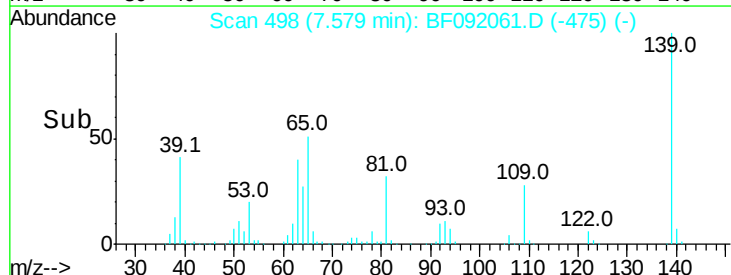
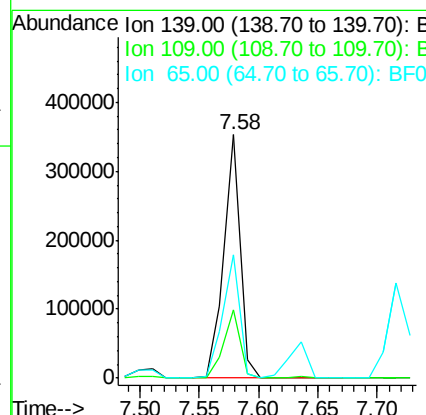
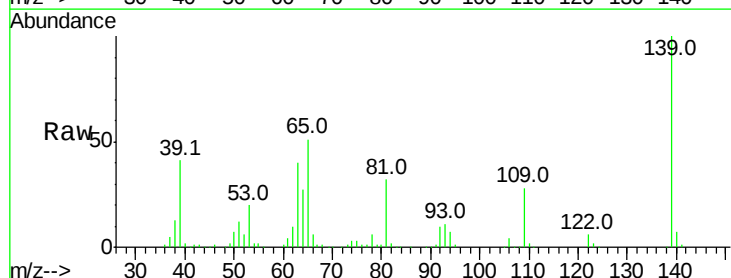
Tgt Ion: 139 Resp: 335158

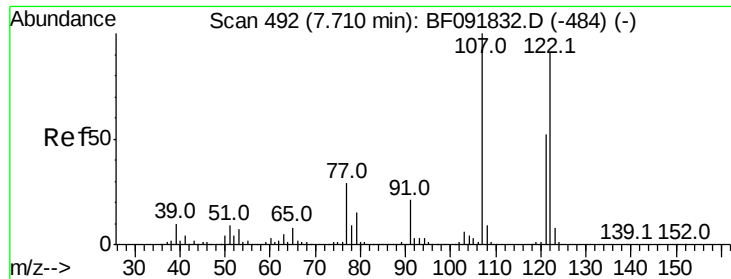
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 50.7 42.7 64.1





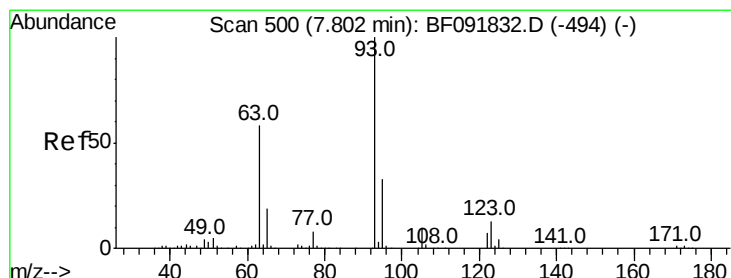
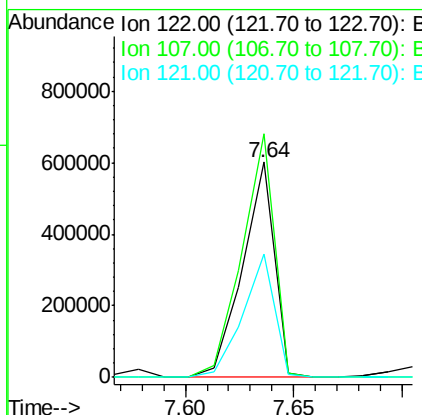
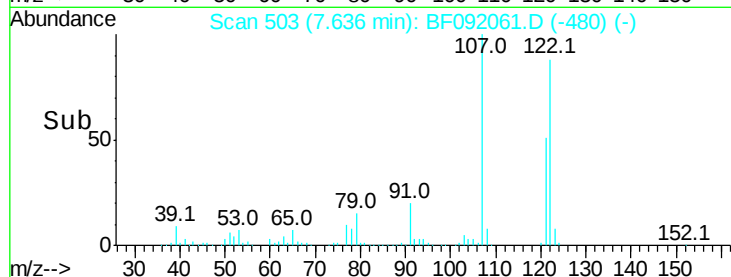
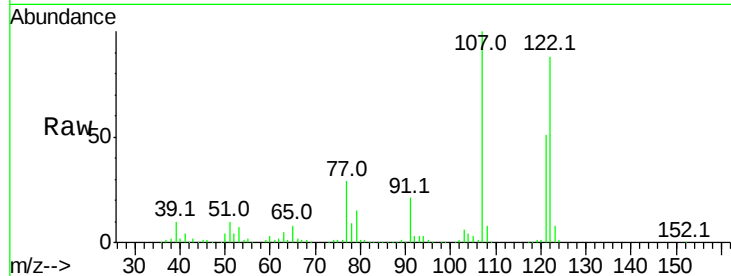
#27
 2,4-Dimethylphenol
 Concen: 40.12 ng
 RT: 7.64 min Scan# 503
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampled :
 PB95723BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	94.1	141.1
121	57.3	46.0	69.0

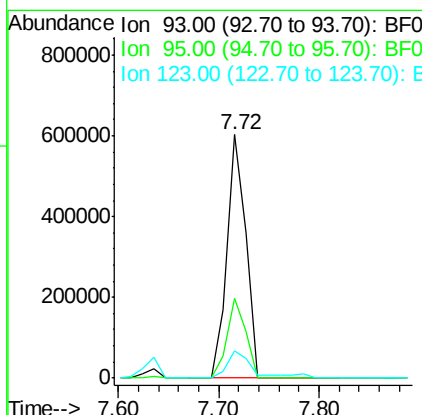
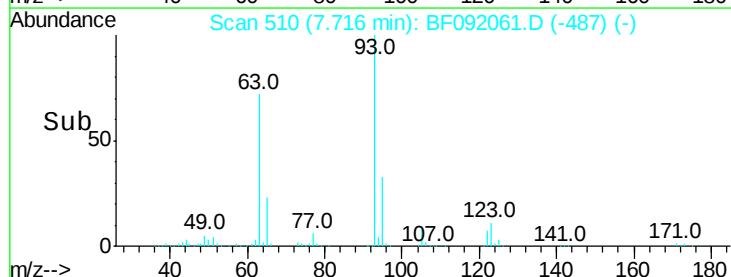
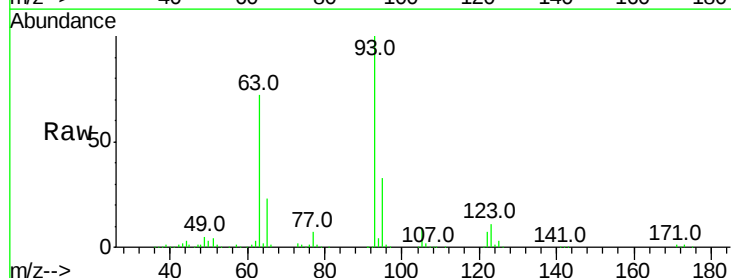
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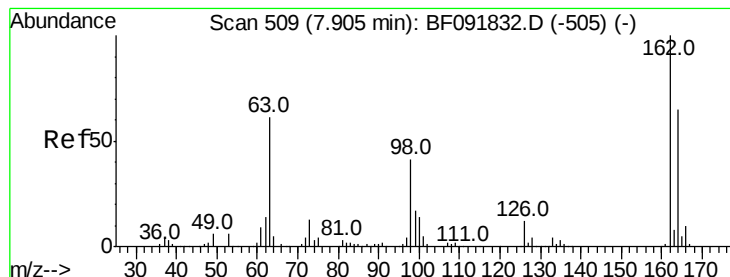
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.86 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.1	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 43.50 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

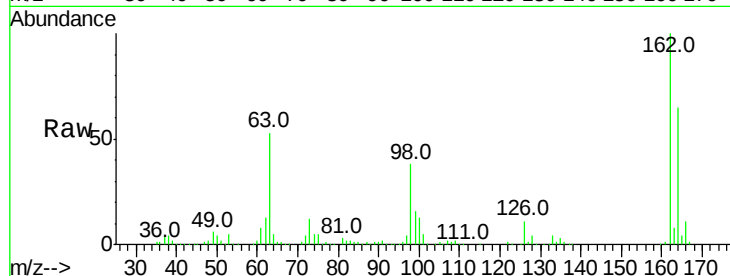
ClientSampleId :

PB95723BS

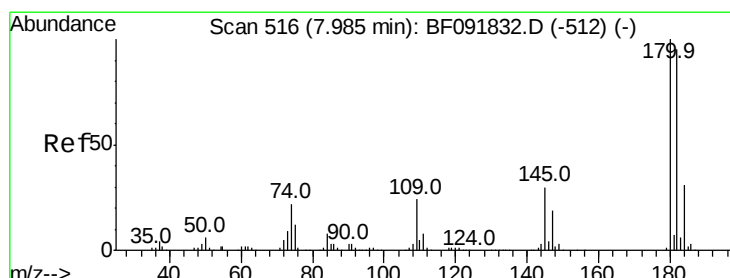
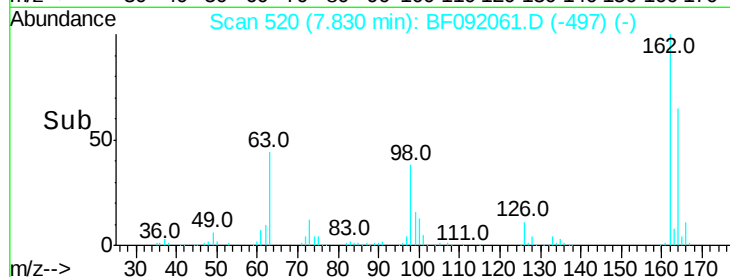
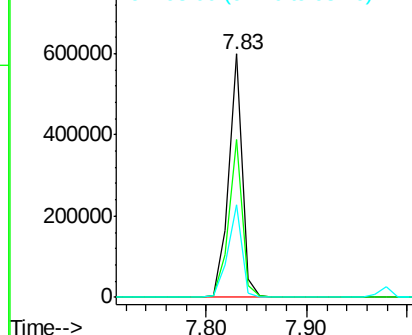
Tot Ion:	162	Resp:	563300
Ion Ratio	Lower	Upper	
162	100		
164	64.9	46.8	86.8
98	38.2	9.1	49.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.42 ng

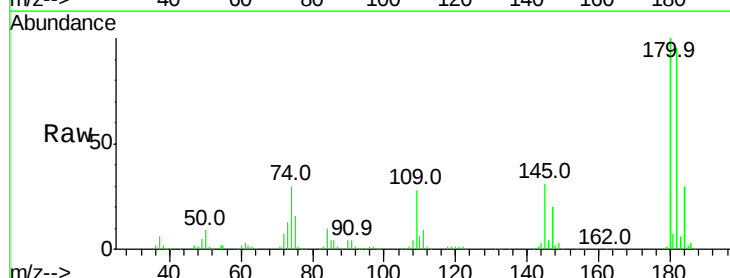
RT: 7.90 min Scan# 526

Delta R.T. -0.04 min

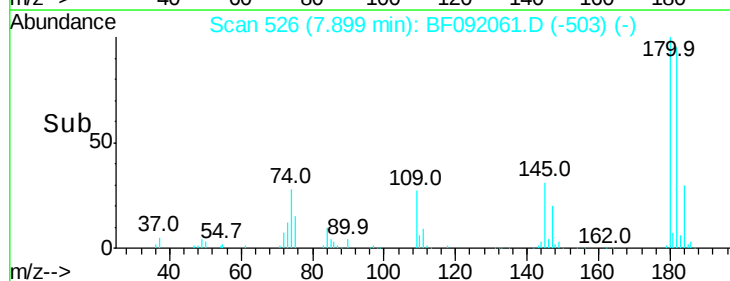
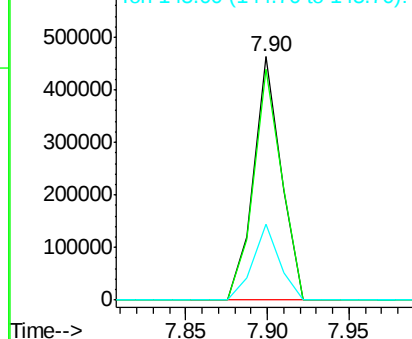
Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	180	Resp:	545059
Ion Ratio	Lower	Upper	
180	100		
182	94.7	78.2	117.4
145	31.1	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.41 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:128 Resp: 1760520

Ion Ratio Lower Upper

128 100

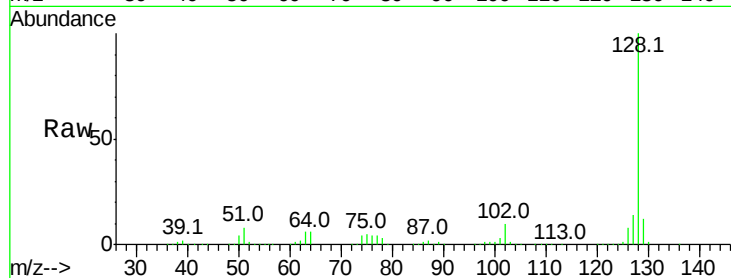
129 11.6 9.5 14.3

127 13.5 10.8 16.2

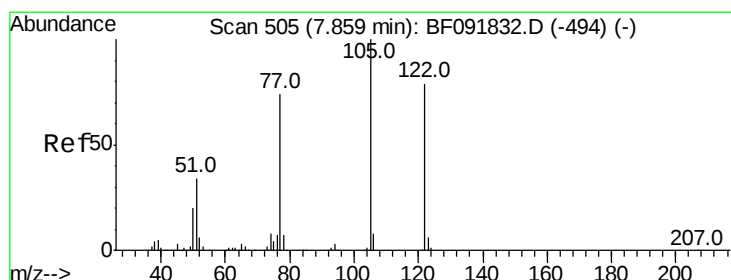
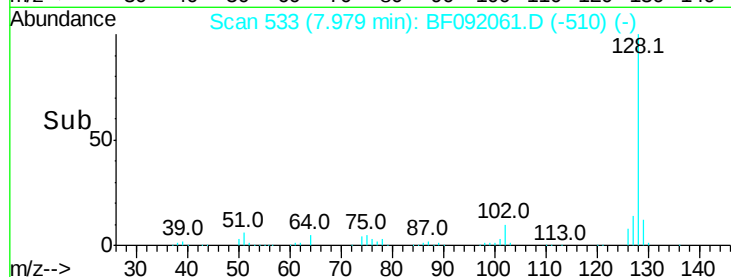
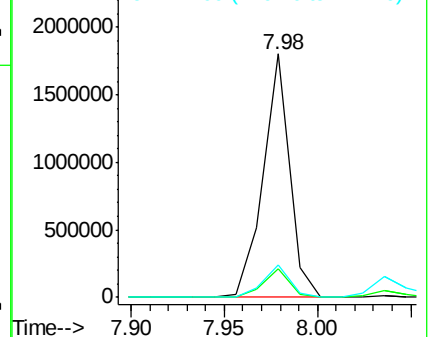
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.13 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

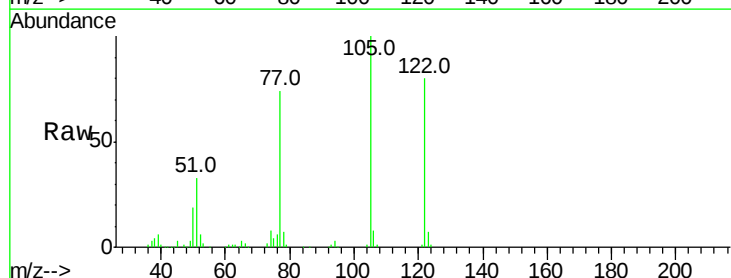
Tgt Ion:122 Resp: 443805

Ion Ratio Lower Upper

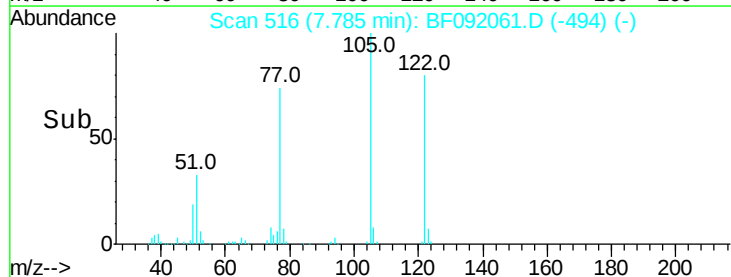
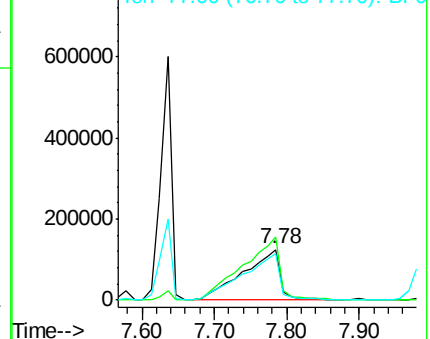
122 100

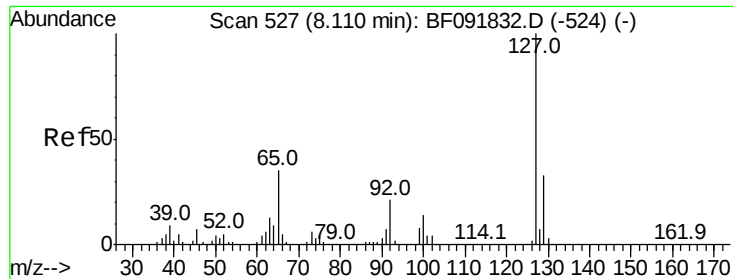
105 124.3 107.2 147.2

77 92.3 74.5 114.5



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





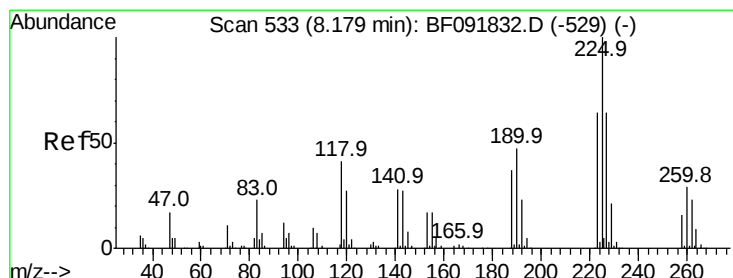
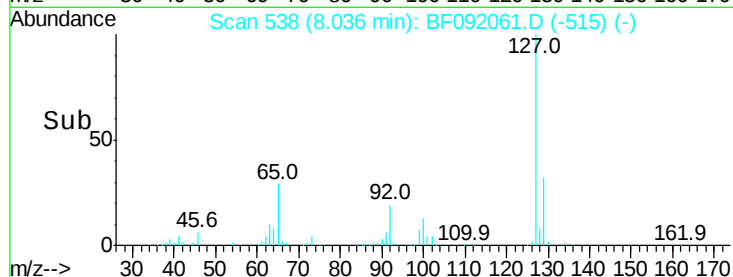
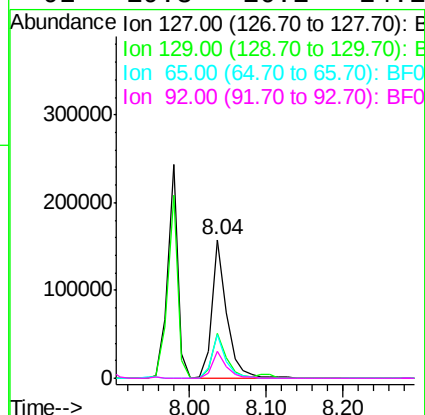
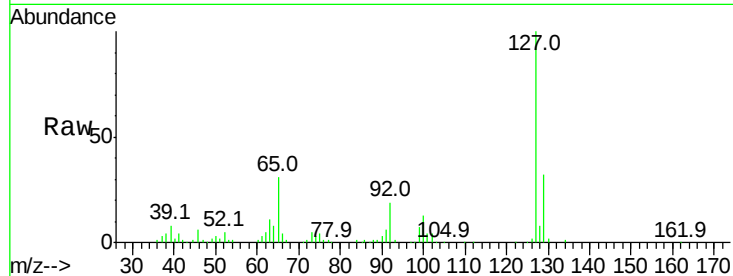
#33
4-Chloroaniline
Concen: 10.43 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		209998		
129	32.0	26.3	39.5		
65	31.1	25.8	38.8		
92	19.3	16.1	24.1		

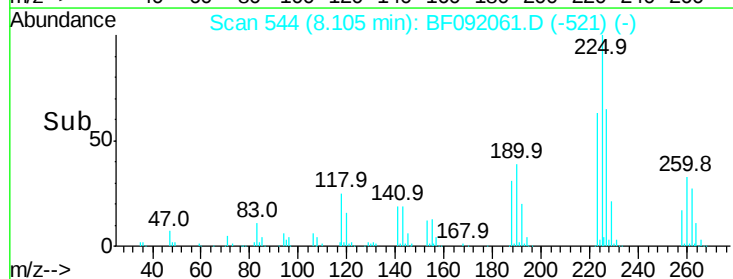
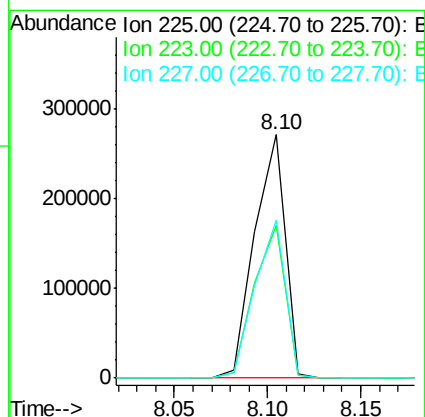
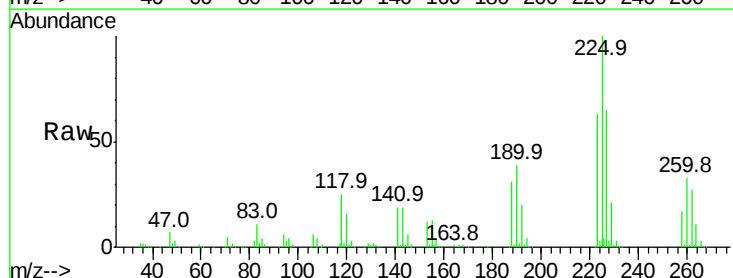
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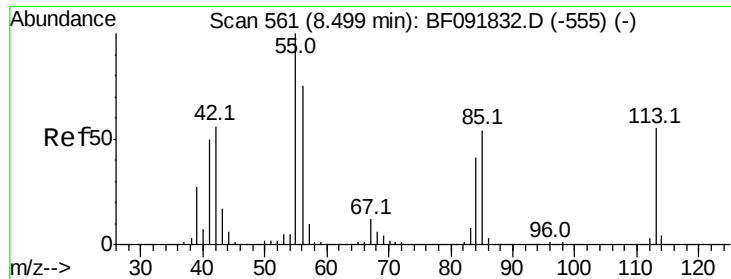
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#34
Hexachlorobutadiene
Concen: 41.01 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		307158		
223	62.7	51.0	76.6		
227	64.9	50.6	76.0		





#35

Caprolactam

Concen: 47.76 ng/ml

RT: 8.42 min Scan# 572

Delta R.T. -0.05 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

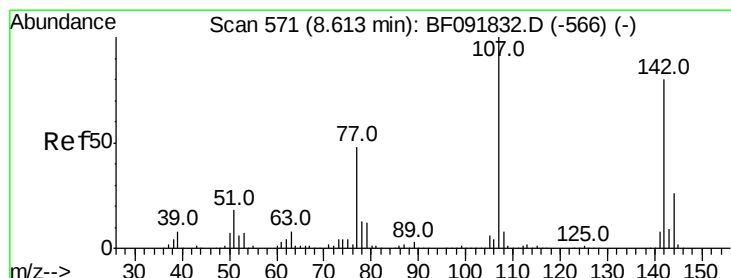
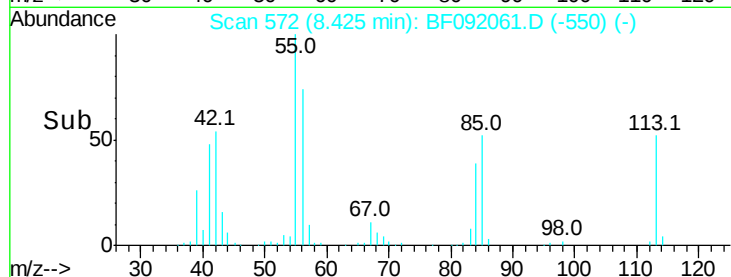
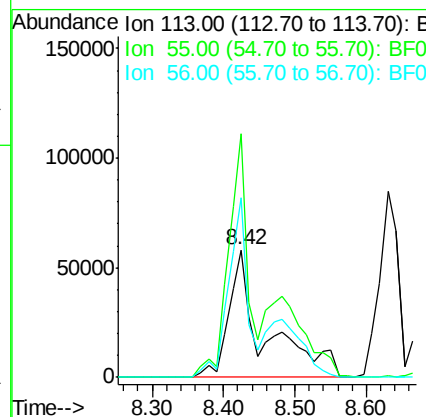
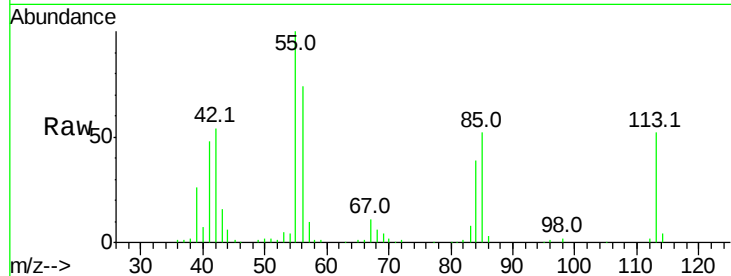
ClientSampled :

PB95723BS

Tot Ion:	113	Resp:	203208
Ion Ratio	Lower	Upper	
113	100		
55	190.8	119.2	159.2#
56	140.5	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 43.61 ng/ml

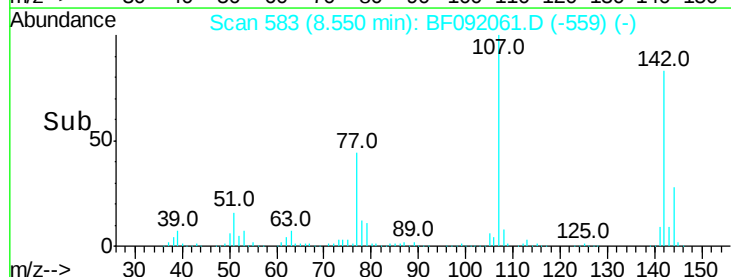
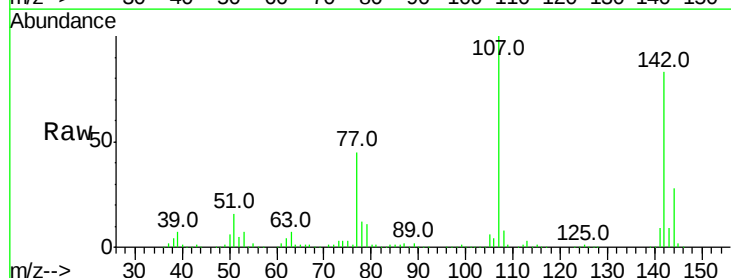
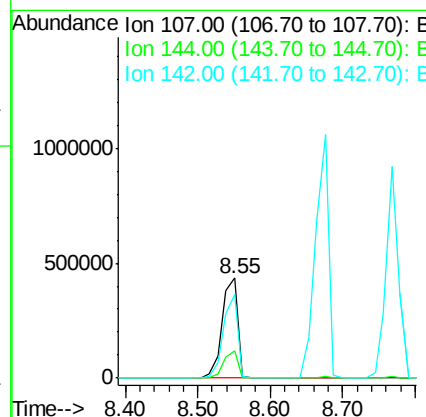
RT: 8.55 min Scan# 583

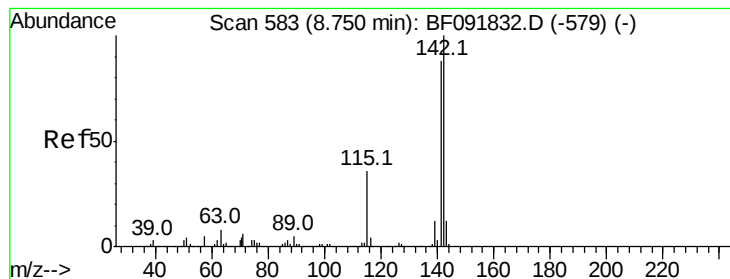
Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	107	Resp:	649711
Ion Ratio	Lower	Upper	
107	100		
144	27.8	19.3	28.9
142	83.5	59.0	88.6





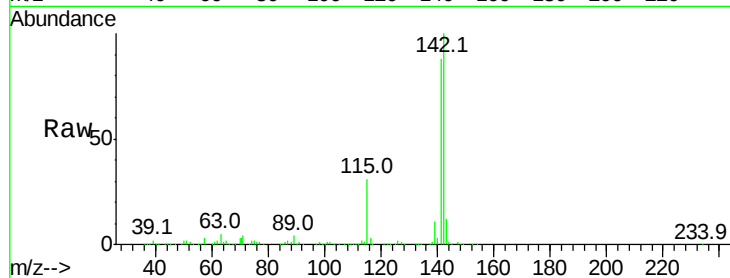
#37
2-Methylnaphthalene
Concen: 51.68 ng
RT: 8.68 min Scan# 594
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

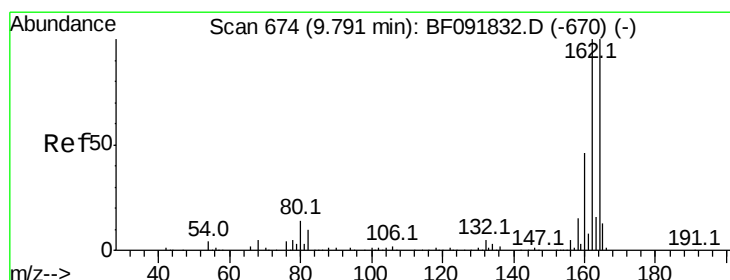
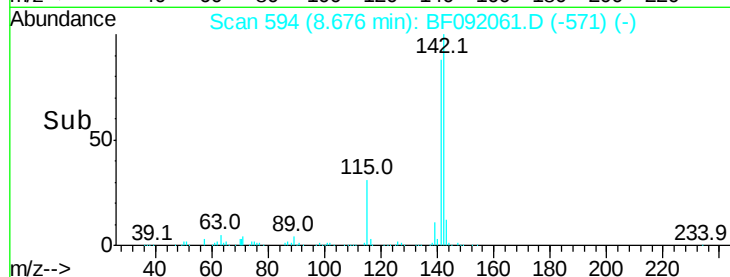
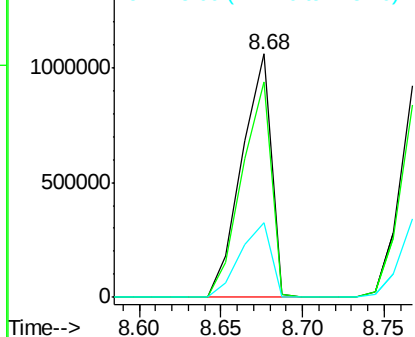
Tot Ion:142 Resp: 1324365
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 30.9 28.3 42.5

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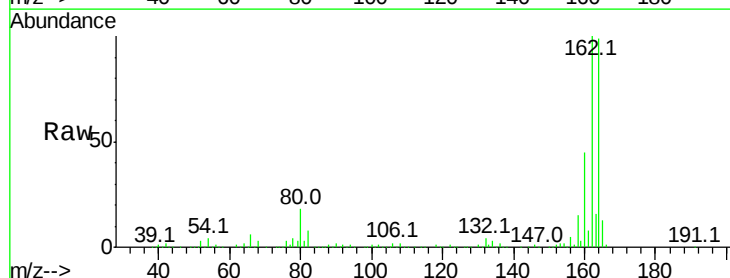


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

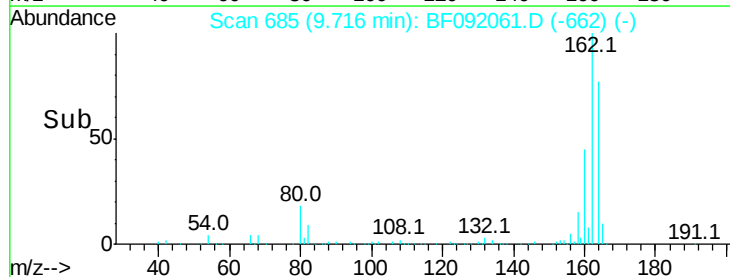
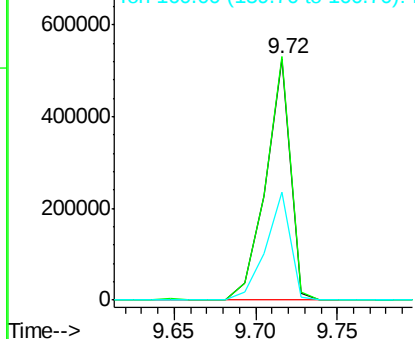


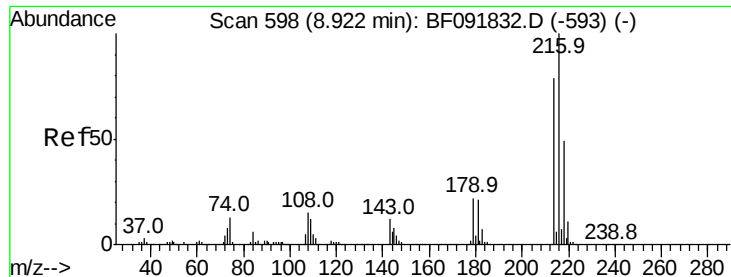
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:164 Resp: 553928
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 44.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.37 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

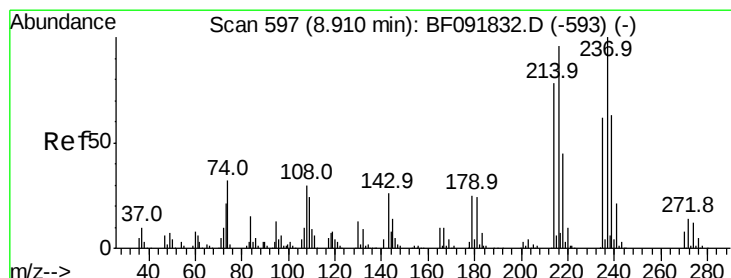
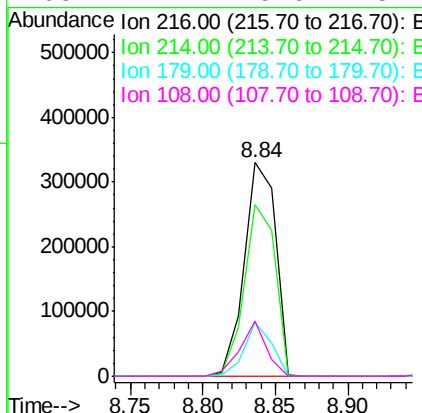
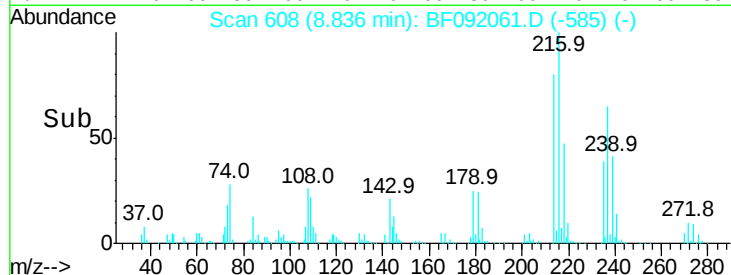
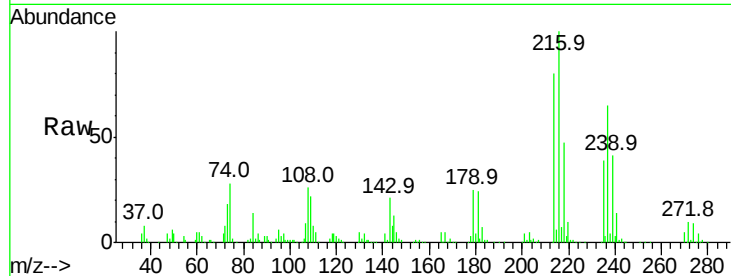
ClientSampled :

PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	495014		
214	79.0	63.4	95.0	
179	22.1	17.4	26.2	
108	22.1	15.6	23.4	

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#40

Hexachlorocyclopentadiene

Concen: 81.08 ng

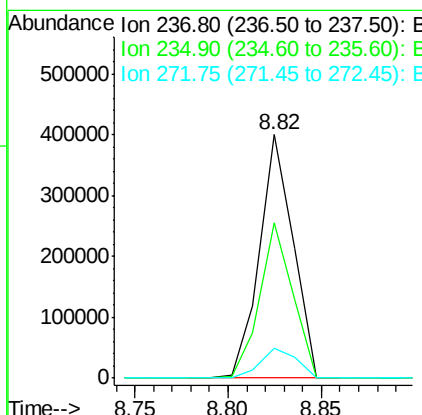
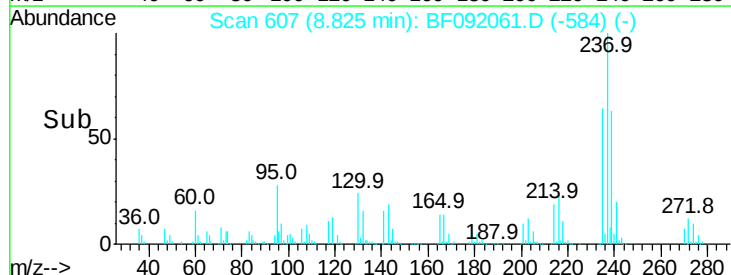
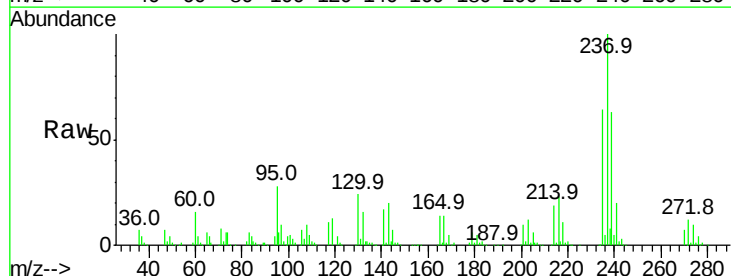
RT: 8.82 min Scan# 607

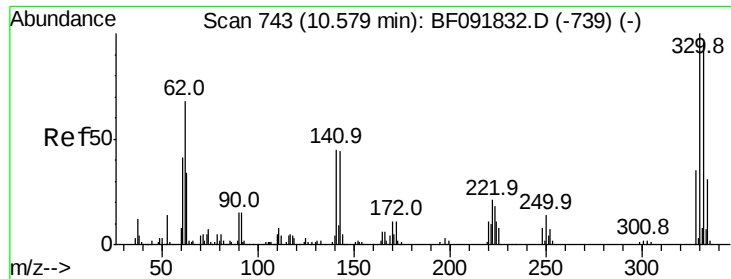
Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	505727		
235	64.0	41.2	81.2	
272	12.0	0.0	35.4	





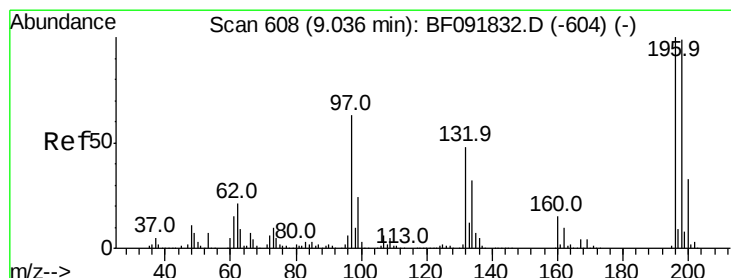
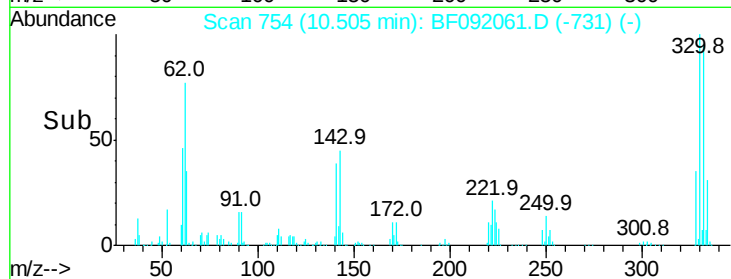
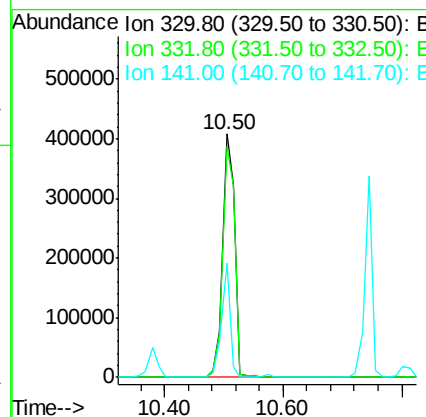
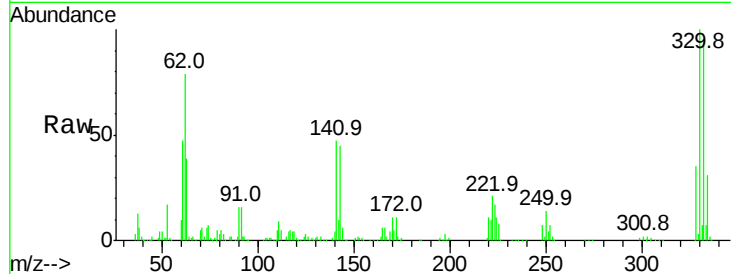
#41
 2,4,6-Tribromophenol
 Concen: 125.67 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleID :
 PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	576114		
332	96.0		77.4	116.2
141	33.2		34.1	51.1#

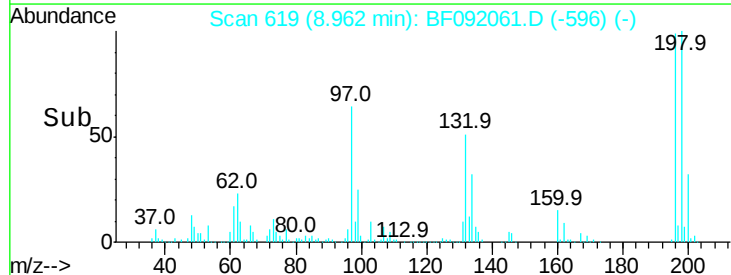
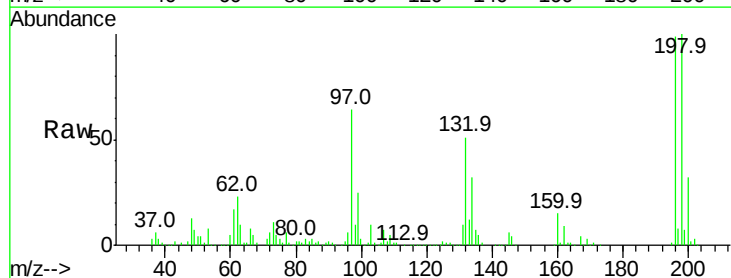
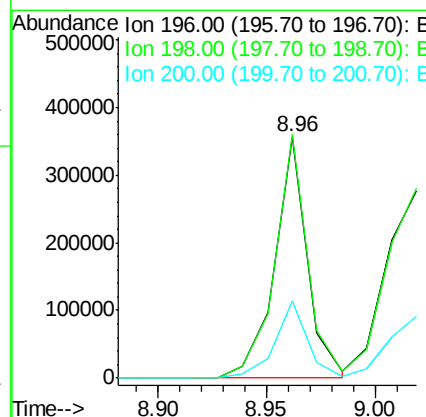
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 38.37 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	375579		
198	100.8		82.1	123.1
200	32.2		27.0	40.4





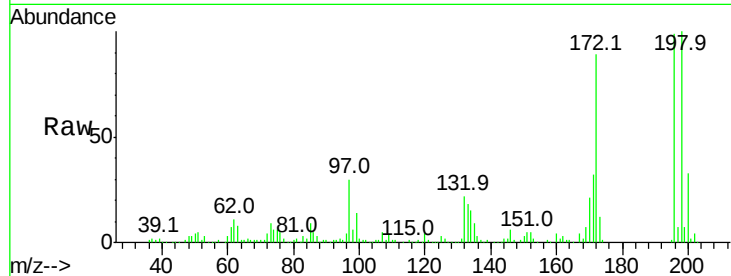
#43
 2,4,5-Trichlorophenol
 Concen: 36.65 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampled :
 PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	369165		
198	101.5	79.4	119.2	
97	30.5	51.5	77.3#	
132	22.3	27.4	41.2#	

Manual Integrations
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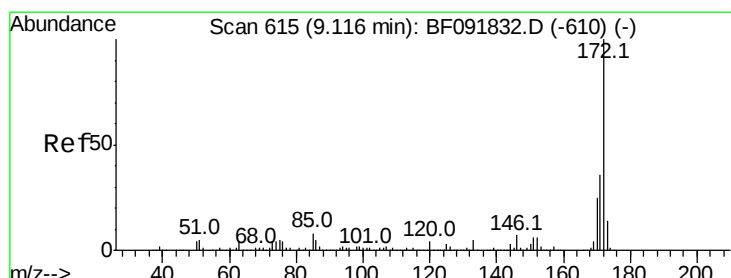
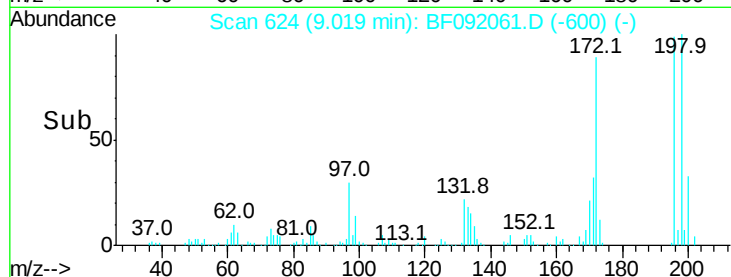
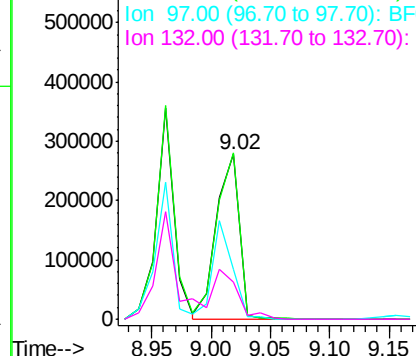
Abundance

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: 83.72 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

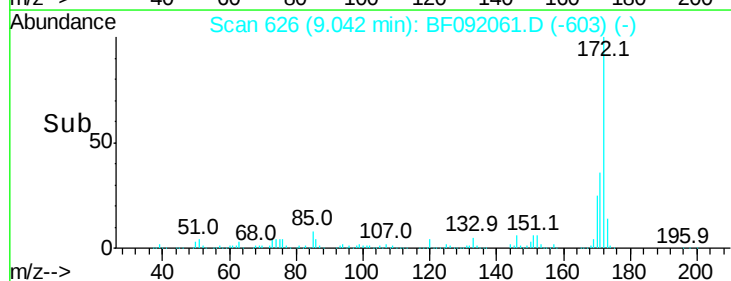
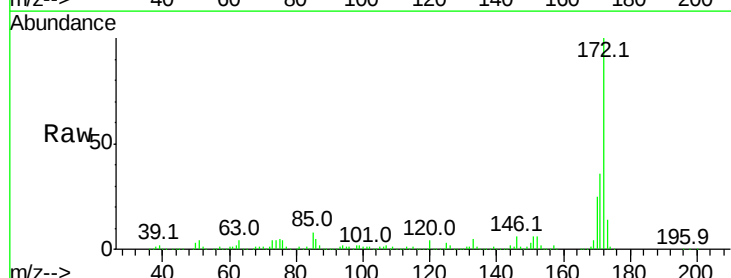
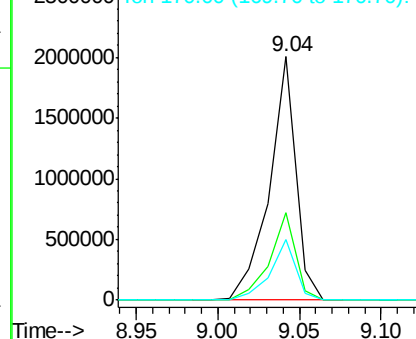
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2268668		
171	36.1	29.4	44.0	
170	24.7	20.2	30.4	

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





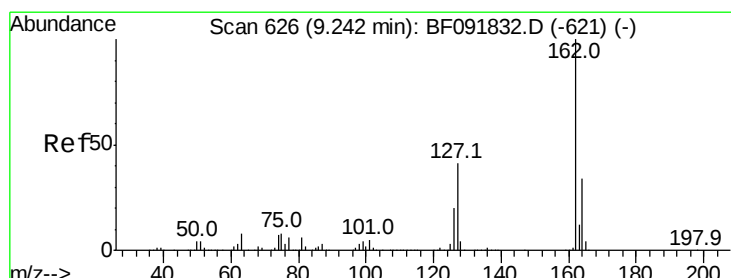
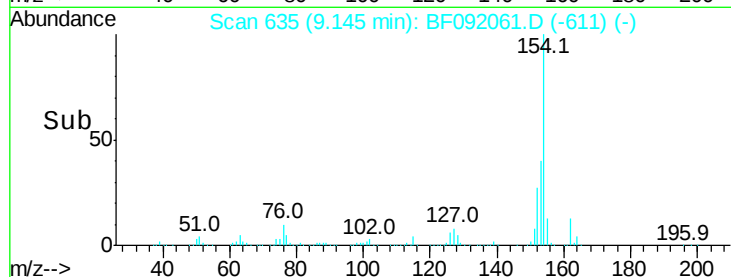
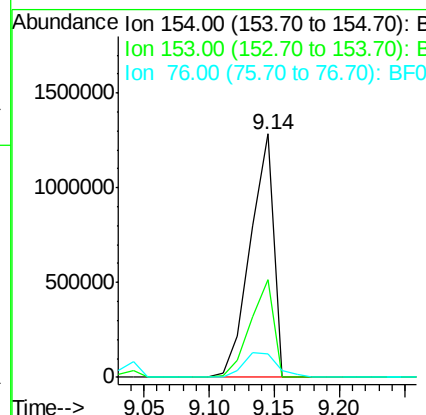
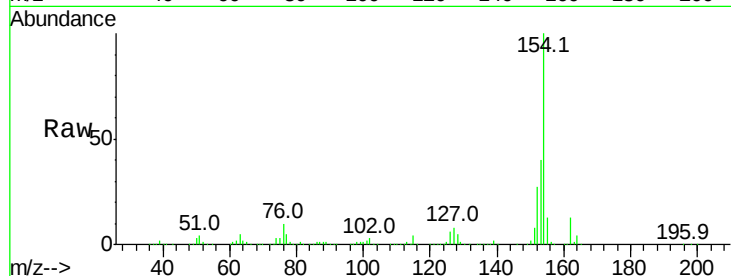
#45
 1,1'-Biphenyl
 Concen: 42.14 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tot Ion	154	Resp	1598391
Ion Ratio	100	Lower	Upper
154	100		
153	40.0	20.9	60.9
76	9.6	0.0	30.5

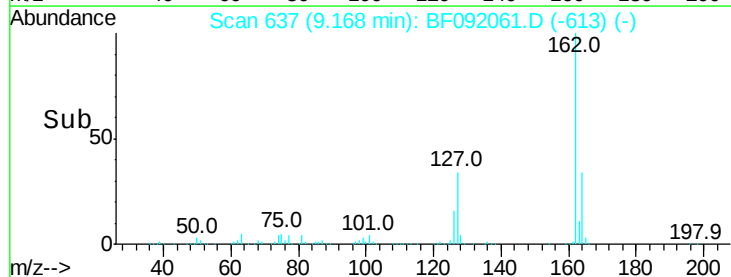
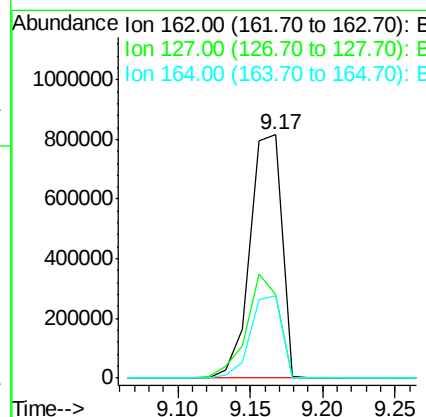
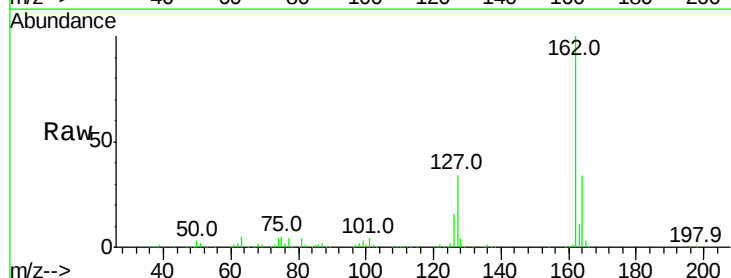
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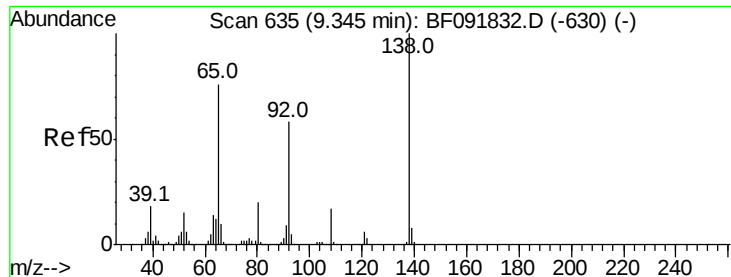
Sohil
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#46
 2-Chloronaphthalene
 Concen: 41.25 ng
 RT: 9.17 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	162	Resp	1238897
Ion Ratio	100	Lower	Upper
162	100		
127	34.3	30.7	46.1
164	33.9	27.6	41.4





#47

2-Nitroaniline

Concen: 40.77 ng

RT: 9.27 min Scan# 646

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

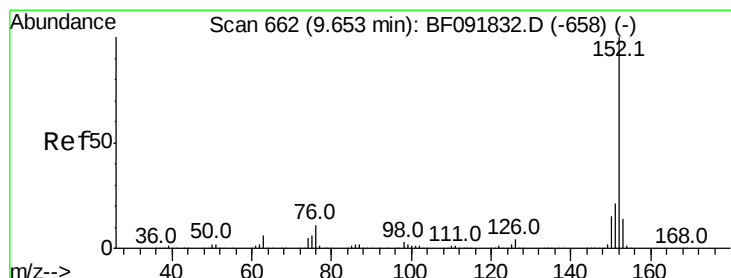
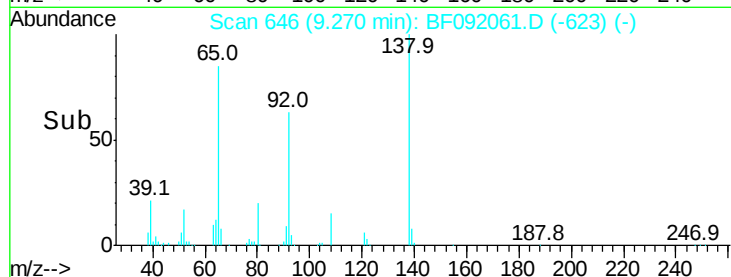
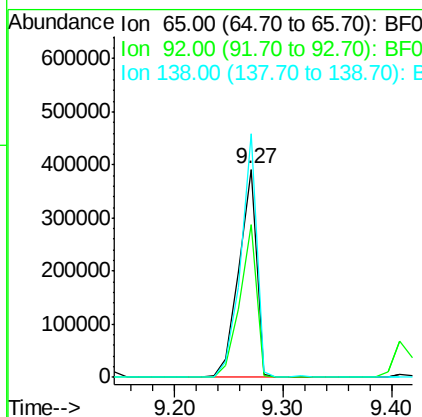
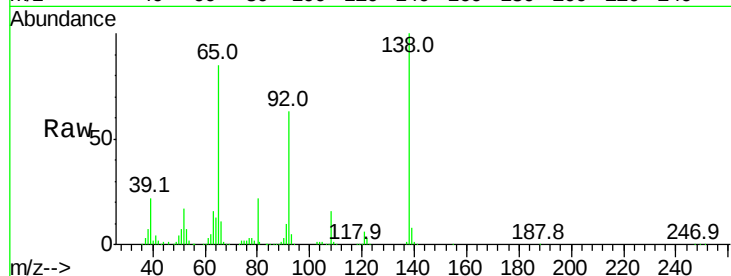
ClientSampleId :

PB95723BS

Tot Ion:	65	Resp:	436043
Ion	Ratio	Lower	Upper
65	100		
92	73.8	53.9	80.9
138	117.1	76.8	115.2#

Manual Integrations
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#48

Acenaphthylene

Concen: 39.85 ng

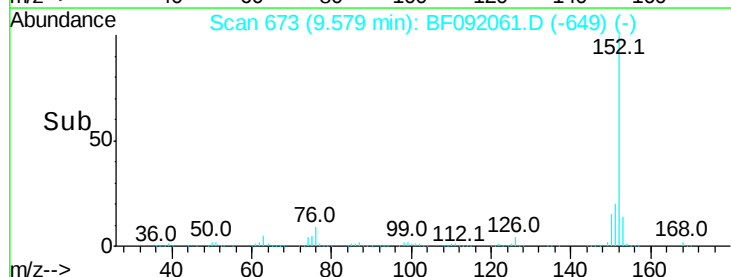
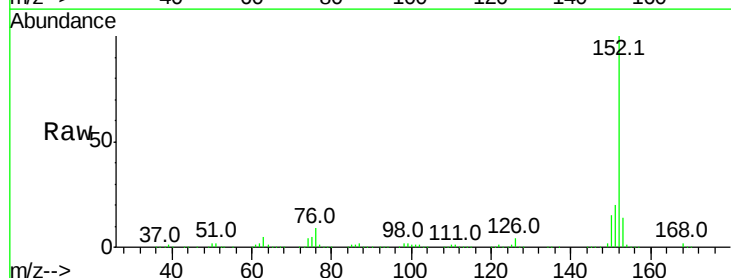
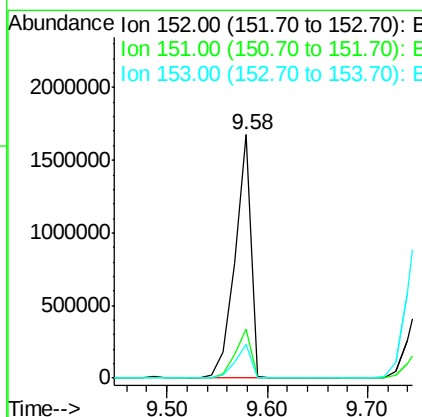
RT: 9.58 min Scan# 673

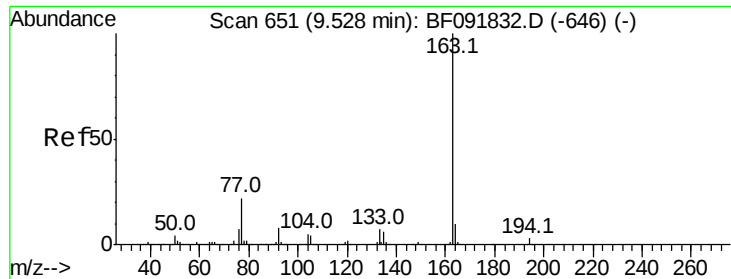
Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	152	Resp:	1840941
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.9	11.4	17.2





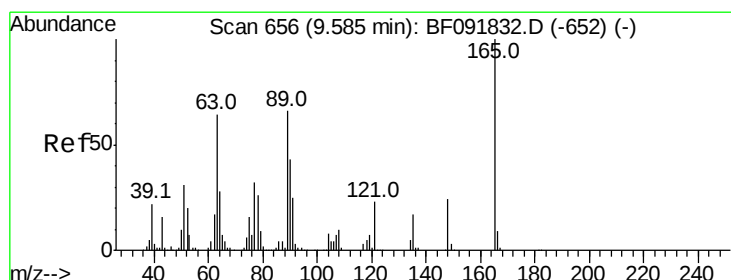
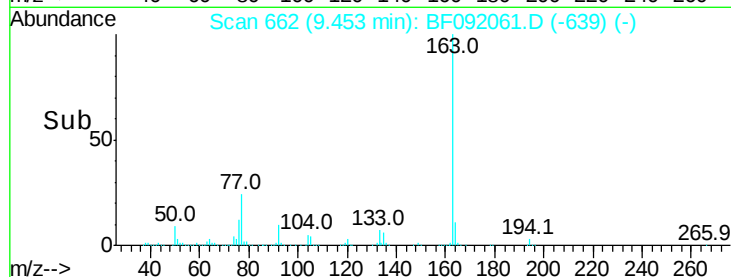
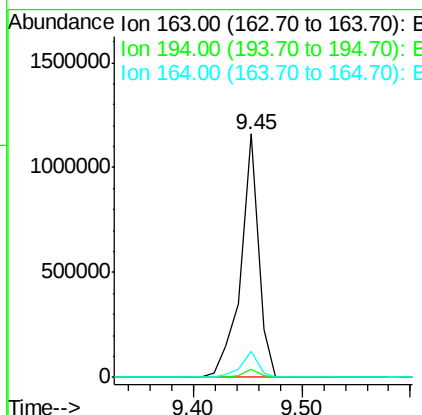
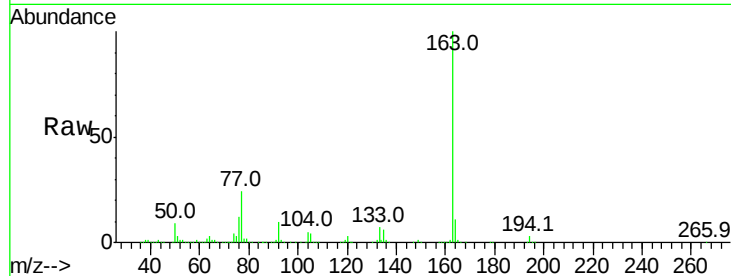
#49
Dimethylphthalate
Concen: 37.04 ng
RT: 9.45 min Scan# 662
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.5	8.0	12.0

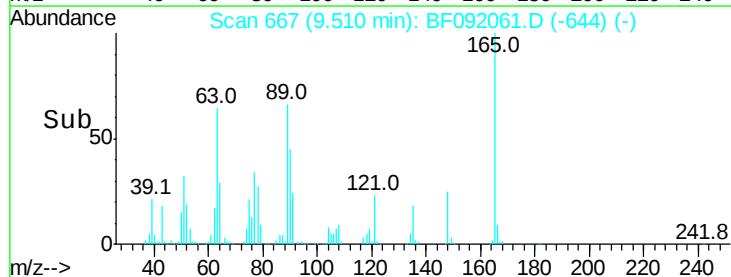
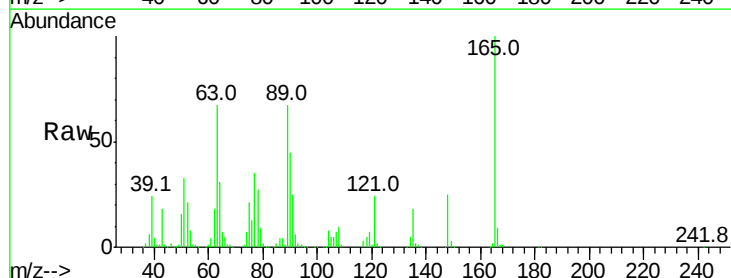
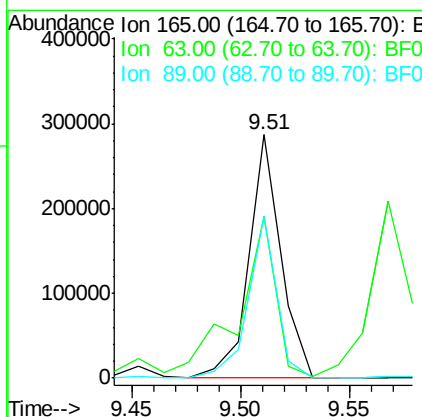
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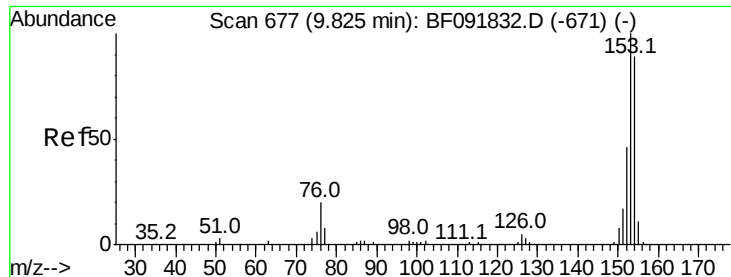
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#50
2,6-Dinitrotoluene
Concen: 37.76 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.7	36.2	54.4#
89	66.5	40.2	60.4#





#51

Acenaphthene

Concen: 37.29 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:154 Resp: 1167721

Ion Ratio Lower Upper

154 100

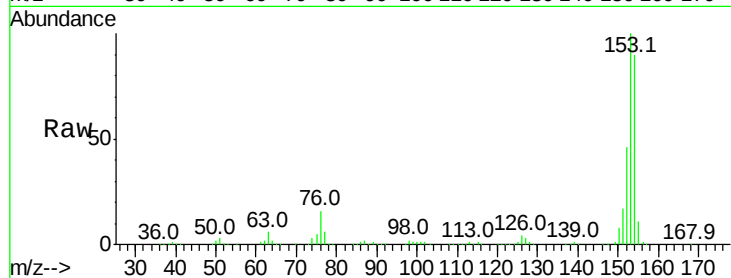
153 111.5 88.6 133.0

152 51.8 41.6 62.4

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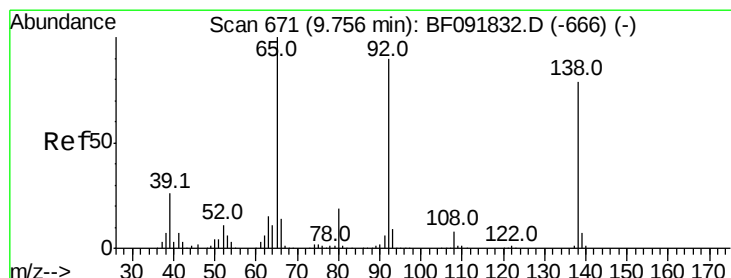
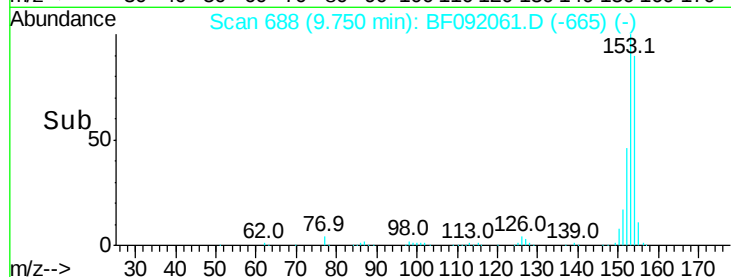
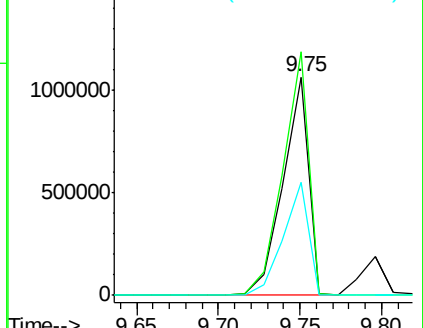
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.04 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

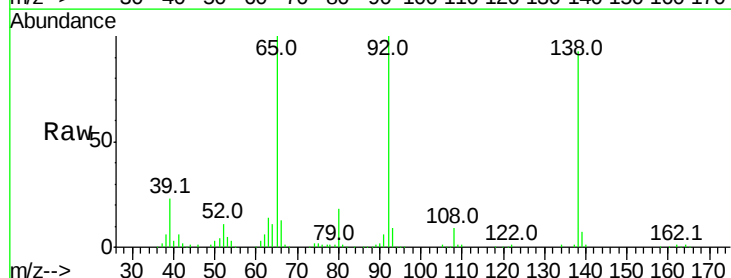
Tgt Ion:138 Resp: 173079

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

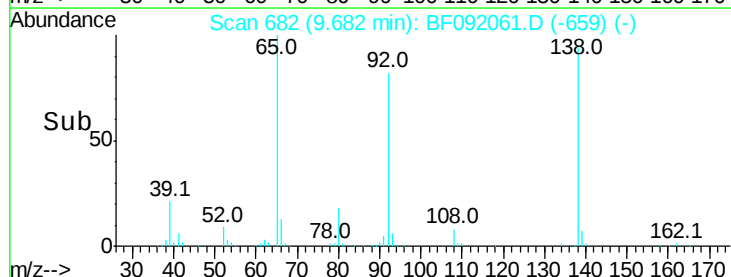
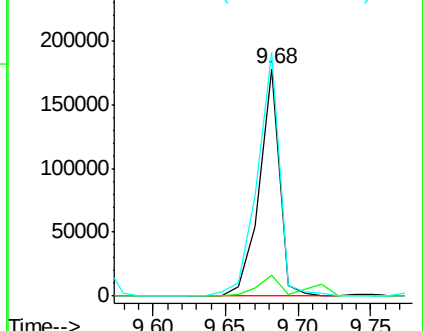
92 107.1 97.8 146.8

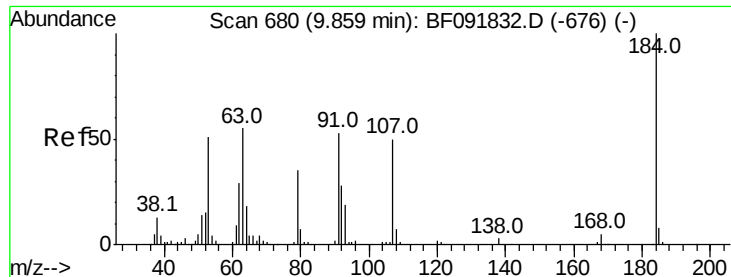


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





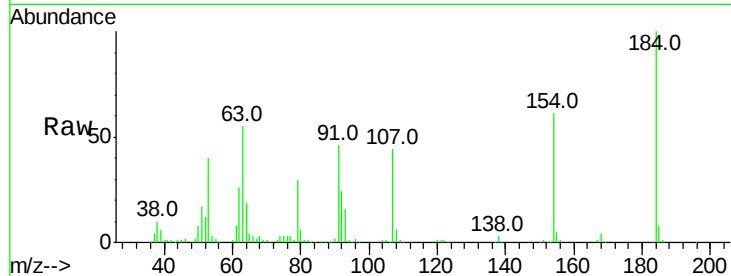
#53
2,4-Dinitrophenol
Concen: 78.17 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

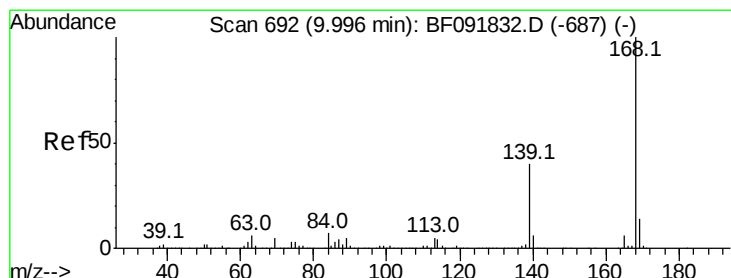
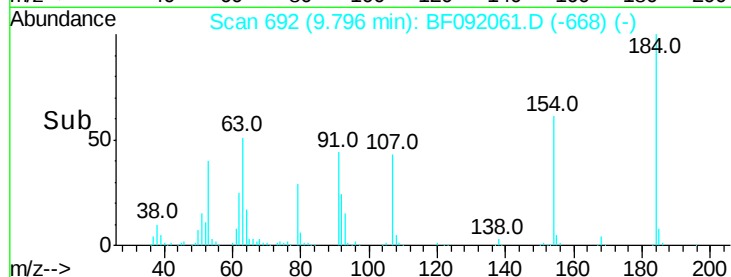
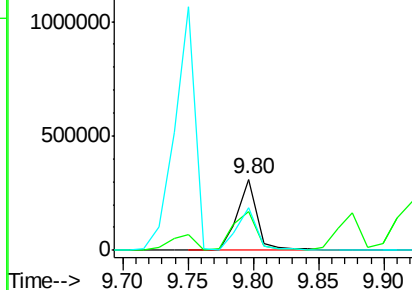
Tot Ion	Ratio	Lower	Upper
184	100		
63	55.0	28.4	42.6#
154	60.6	44.3	66.5

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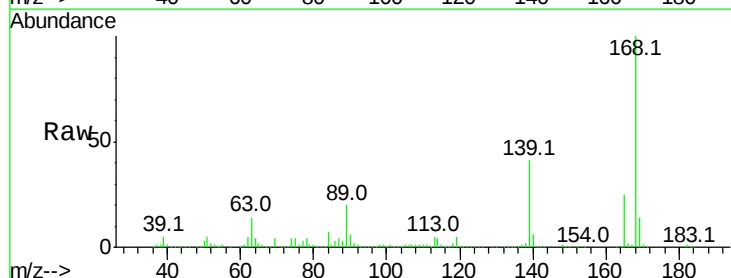


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

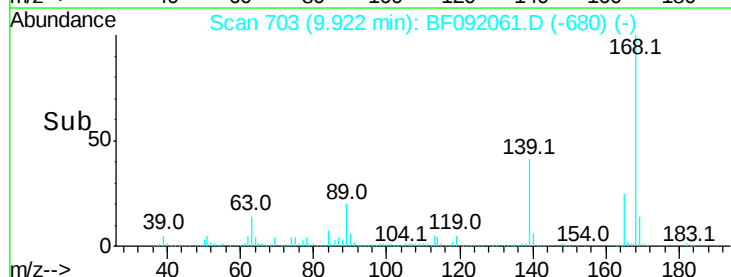
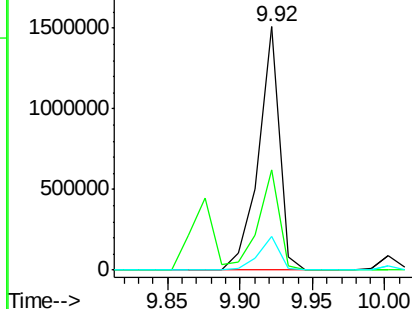


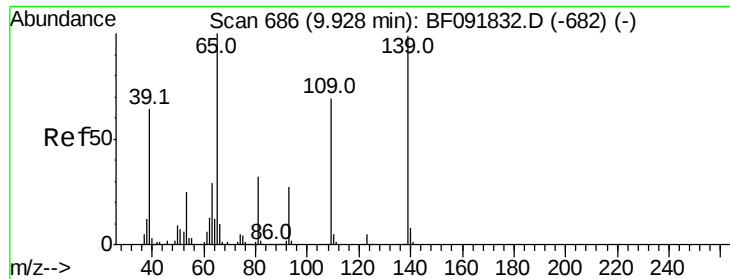
#54
Dibenzofuran
Concen: 35.69 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	49.0
169	13.6	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 74.83 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

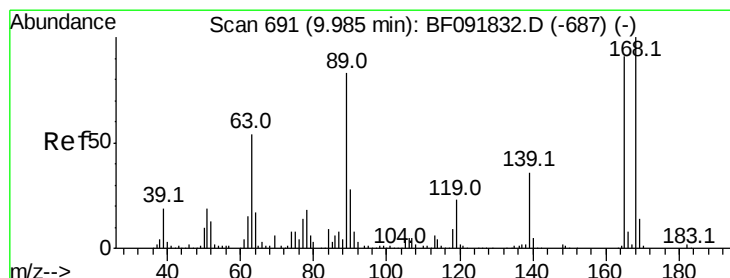
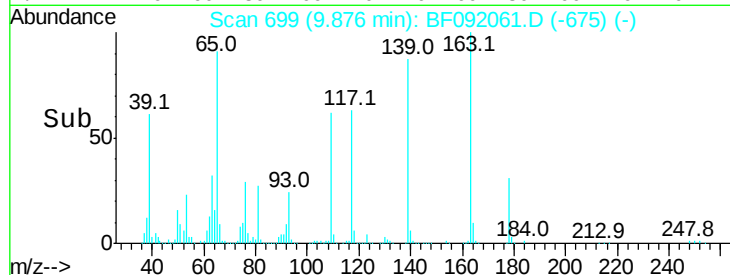
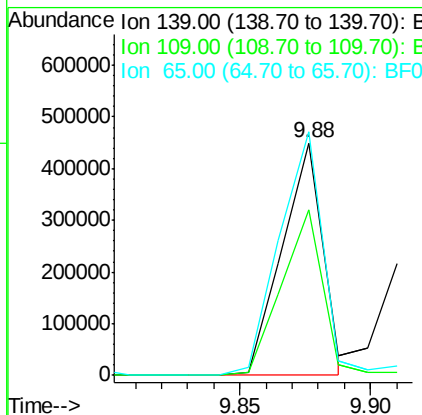
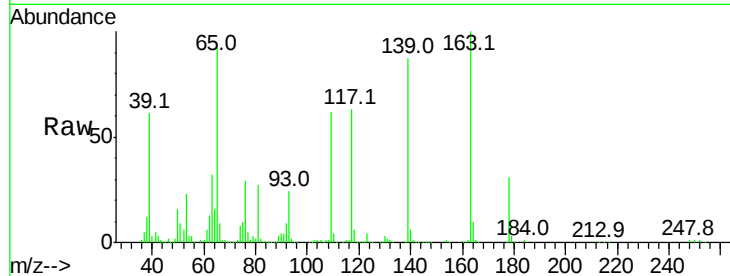
ClientSampled :

PB95723BS

Tot Ion:	139	Resp:	487554
Ion Ratio	Lower	Upper	
139	100		
109	71.5	52.2	92.2
65	104.7	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 43.01 ng

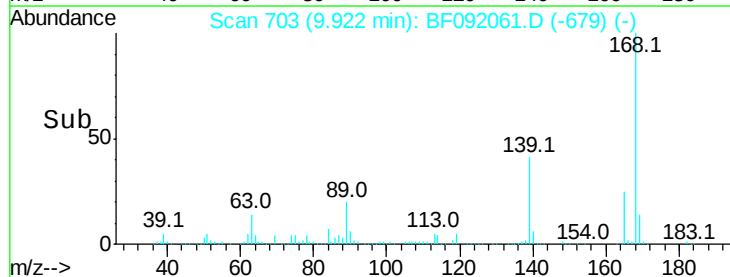
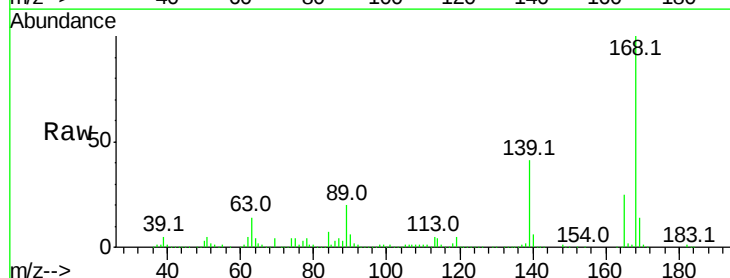
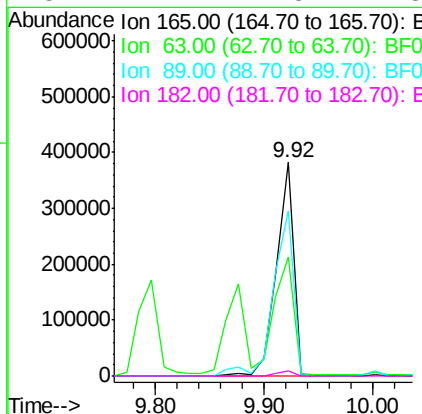
RT: 9.92 min Scan# 703

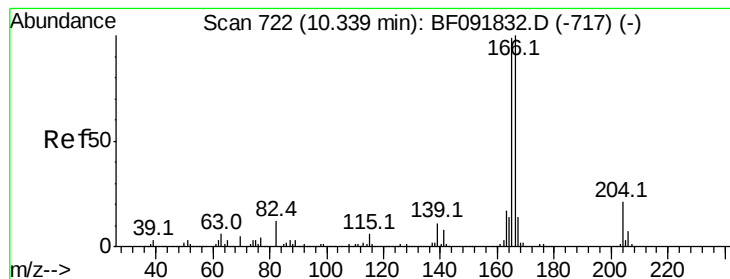
Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	165	Resp:	418594
Ion Ratio	Lower	Upper	
165	100		
63	55.8	40.2	60.4
89	77.5	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 41.46 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:166 Resp: 1275772

Ion Ratio Lower Upper

166 100

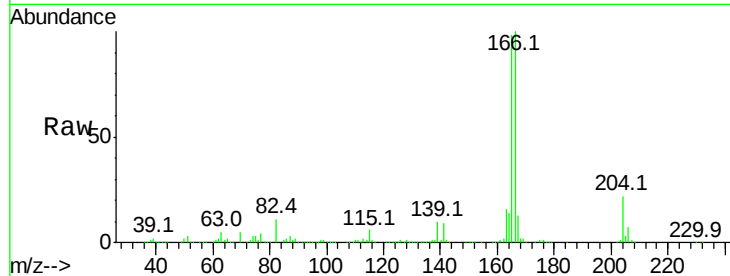
165 98.0 77.8 116.8

167 13.5 10.8 16.2

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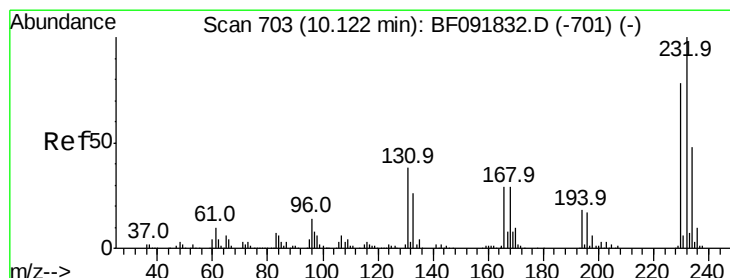
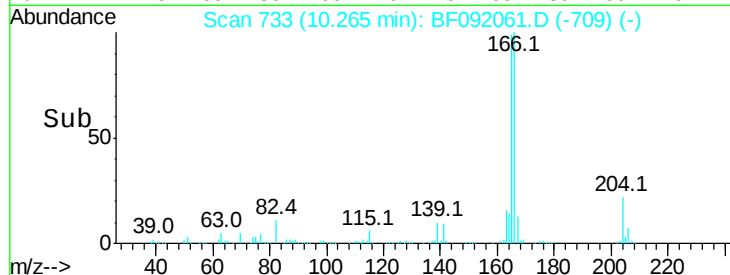
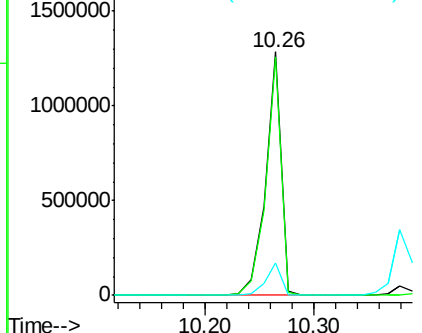
1/4/2017 2:05:40 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.88 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:232 Resp: 341617

Ion Ratio Lower Upper

232 100

131 49.2 40.1 60.1

130 2.4 1.8 2.8

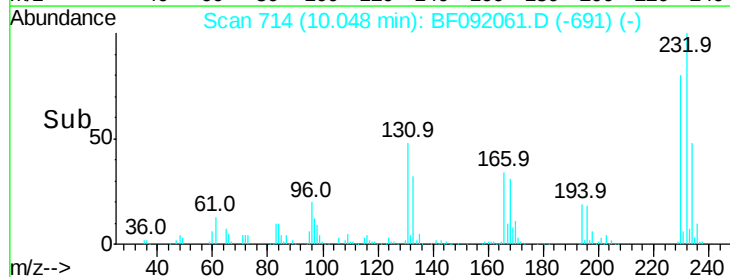
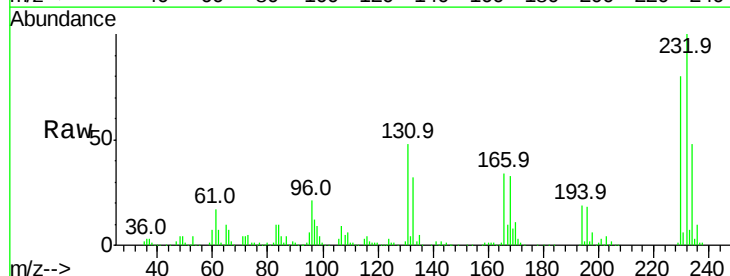
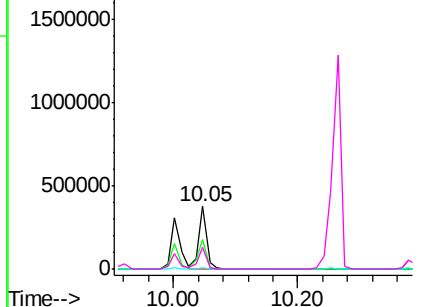
166 33.2 26.6 39.8

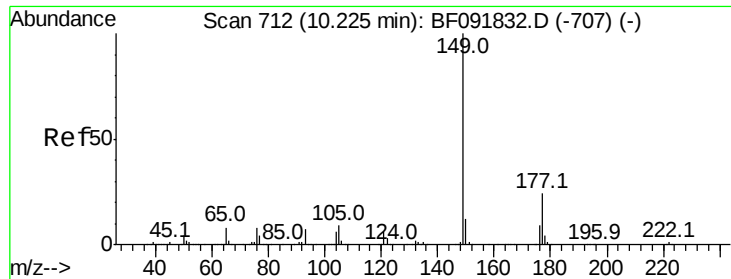
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





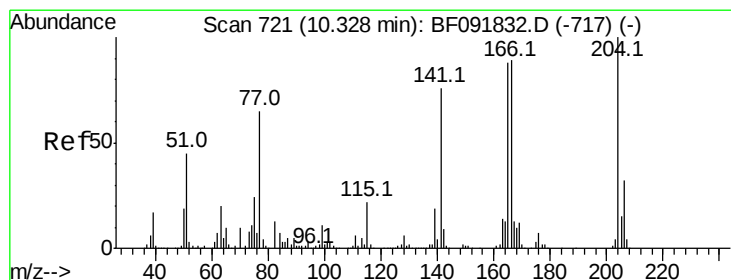
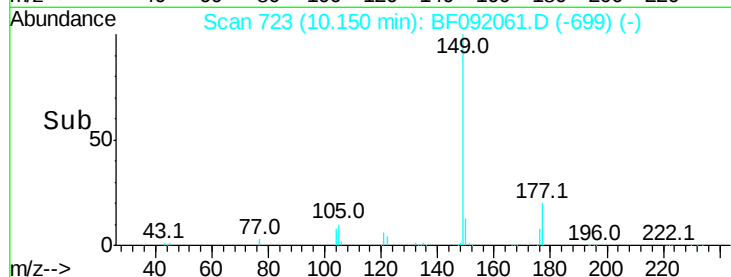
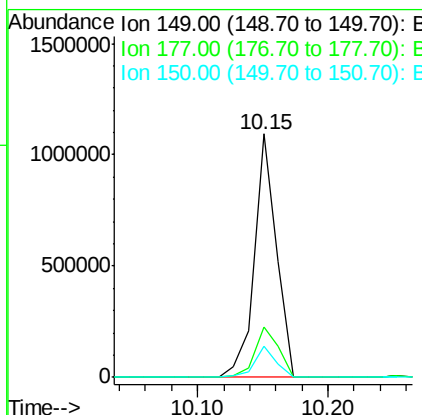
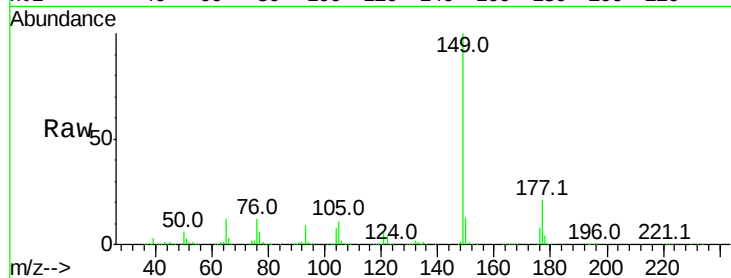
#59
Diethylphthalate
Concen: 37.42 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampled :
PB95723BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.6	25.0
150	12.8	10.4	15.6

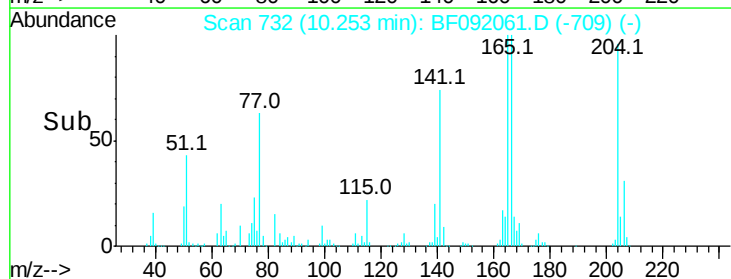
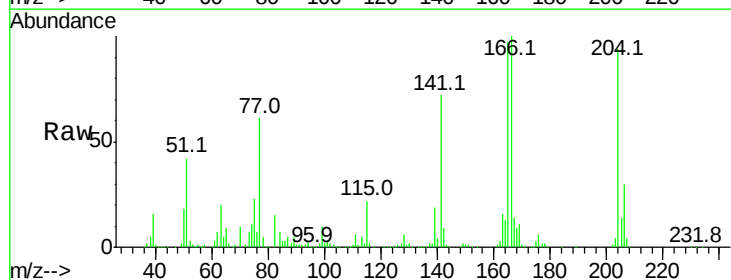
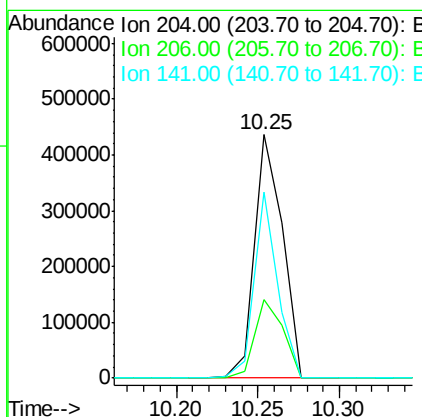
Manual Integrations
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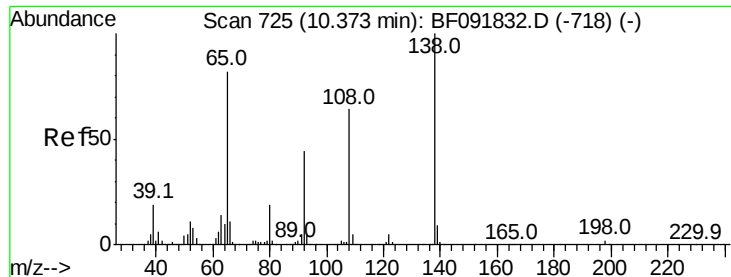
Sohil
1/4/2017 2:05:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.63 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	76.5	59.4	89.0





#61

4-Nitroaniline

Concen: 33.12 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

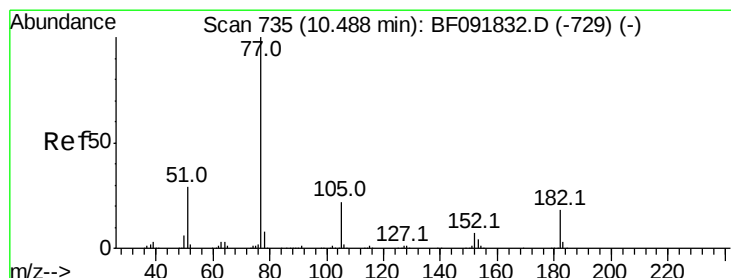
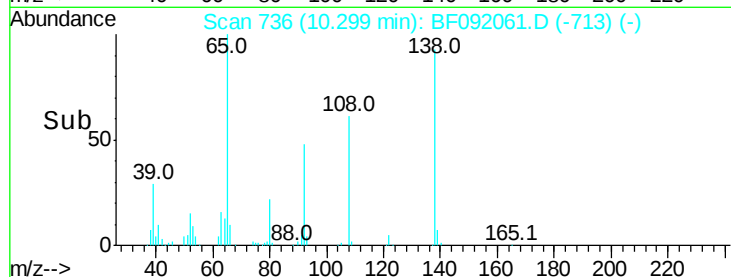
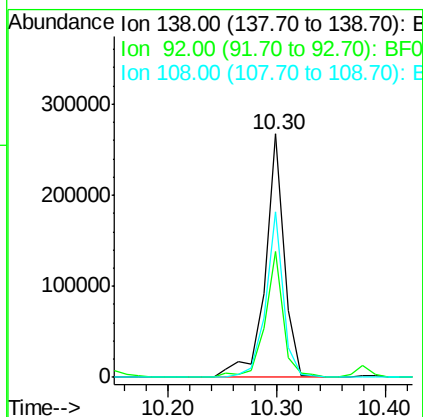
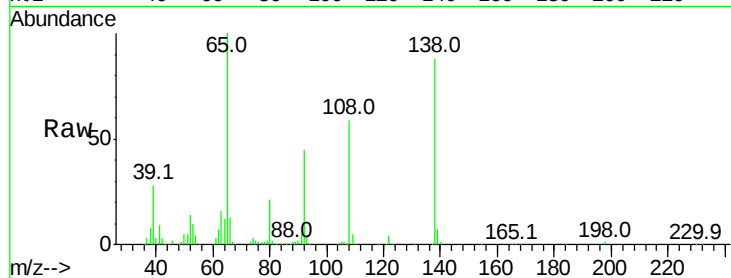
ClientSampleId :

PB95723BS

Tot Ion:	138	Resp:	329362
Ion Ratio	Lower	Upper	
138	100		
92	51.6	31.7	71.7
108	67.7	52.6	92.6

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#62

Azobenzene

Concen: 39.51 ng

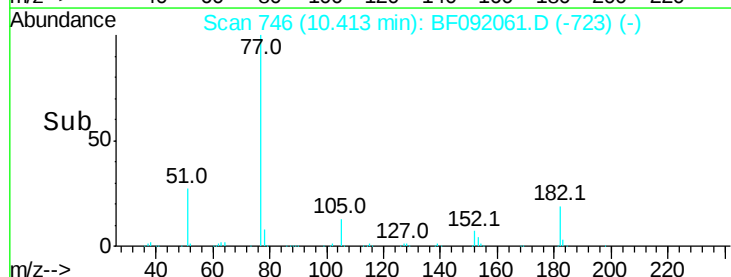
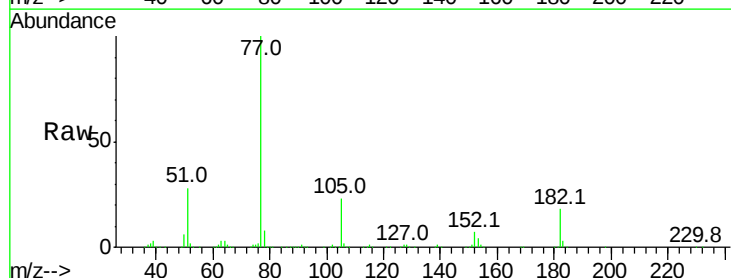
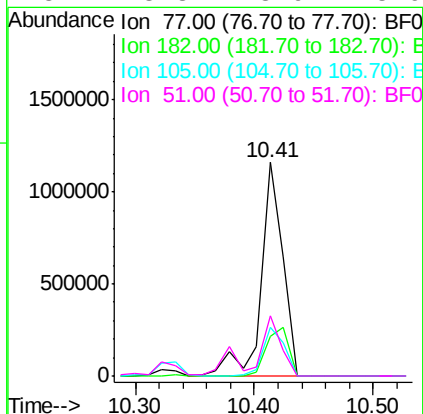
RT: 10.41 min Scan# 746

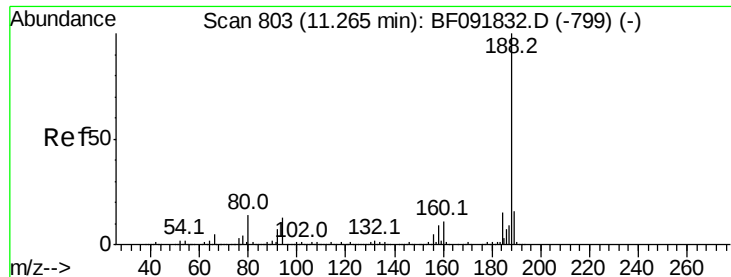
Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	77	Resp:	1496832
Ion Ratio	Lower	Upper	
77	100		
182	18.4	0.0	39.3
105	23.1	2.3	42.3
51	28.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 814

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

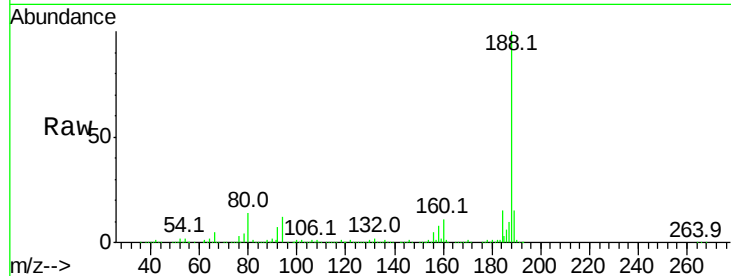
ClientSampled :

PB95723BS

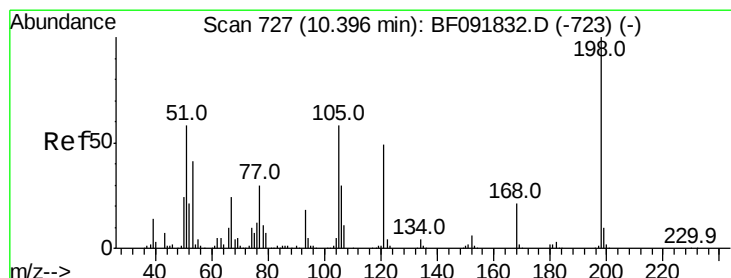
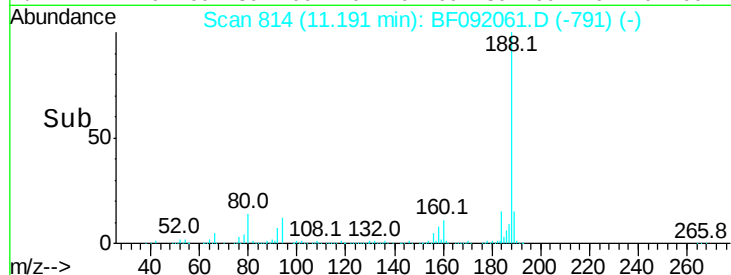
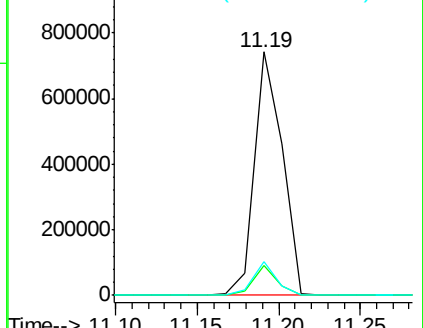
Tot Ion:188	Resp:	882303
Ion Ratio	Lower	Upper
188 100		
94 12.3	10.0	15.0
80 13.8	11.2	16.8

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 45.84 ng

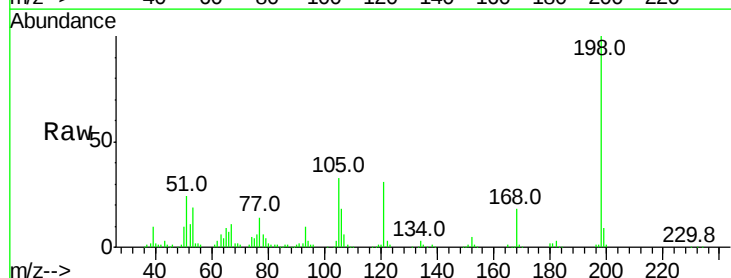
RT: 10.33 min Scan# 739

Delta R.T. -0.03 min

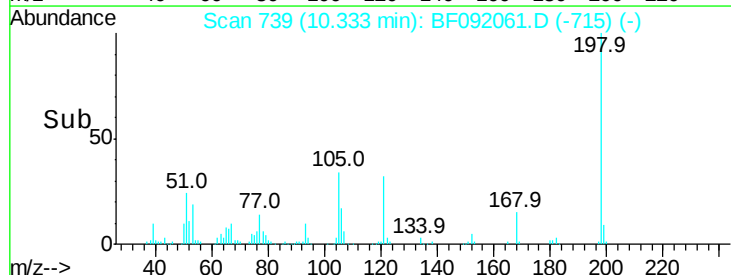
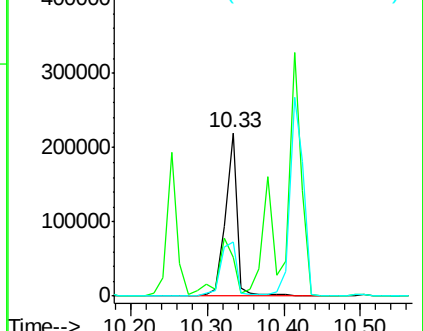
Lab File: BF092061.D

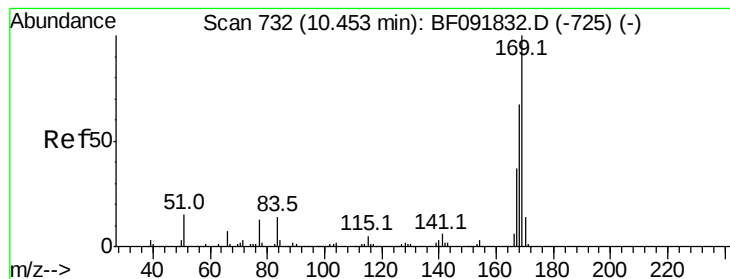
Acq: 3 Jan 2017 15:27

Tgt Ion:198	Resp:	244568
Ion Ratio	Lower	Upper
198 100		
51 23.8	6.7	46.7
105 33.3	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.28 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:169 Resp: 1080644

Ion Ratio Lower Upper

169 100

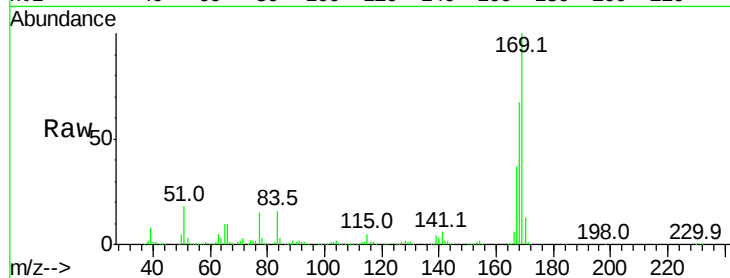
168 67.1 54.2 81.2

167 37.3 30.2 45.4

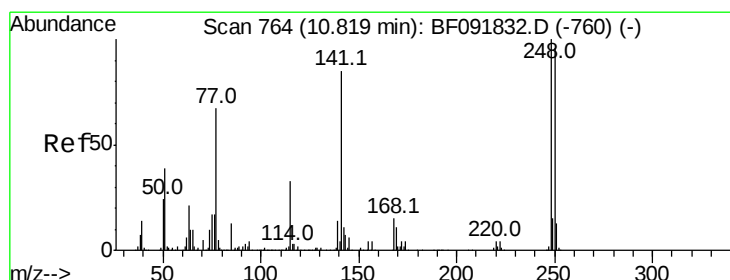
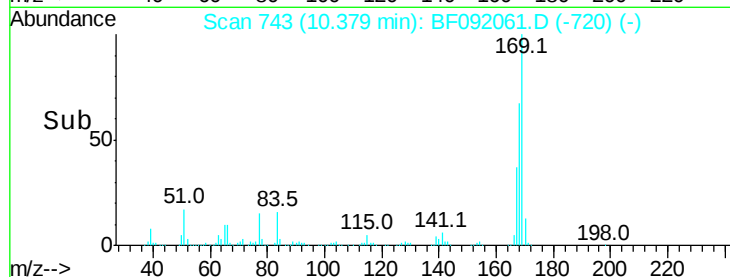
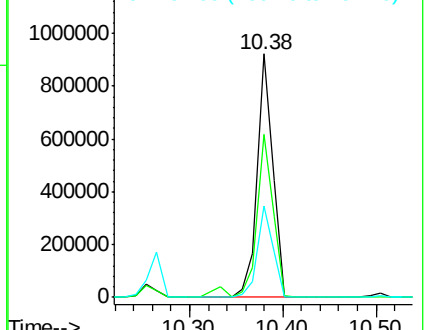
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.69 ng

RT: 10.74 min Scan# 775

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

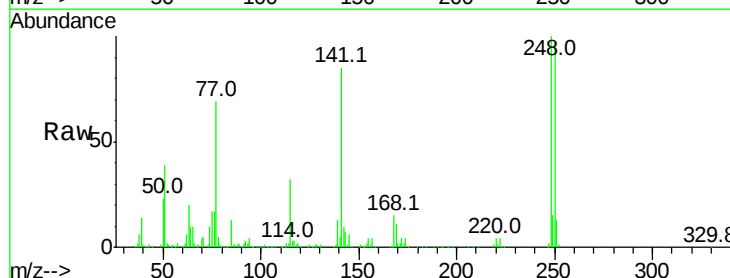
Tgt Ion:248 Resp: 355063

Ion Ratio Lower Upper

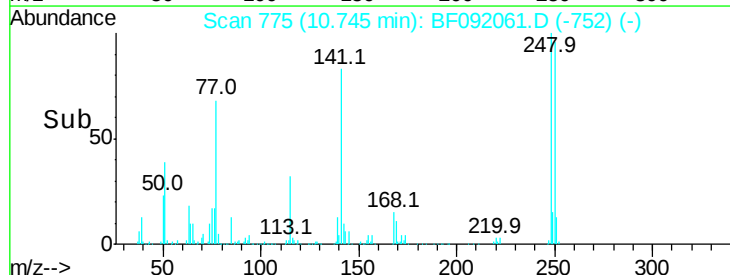
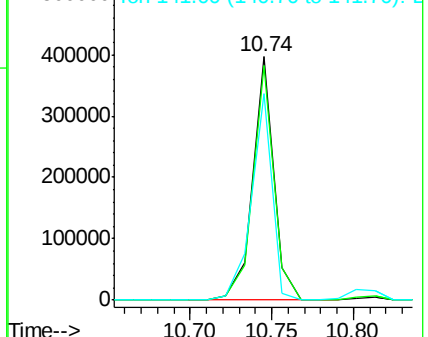
248 100

250 96.5 76.9 115.3

141 84.9 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





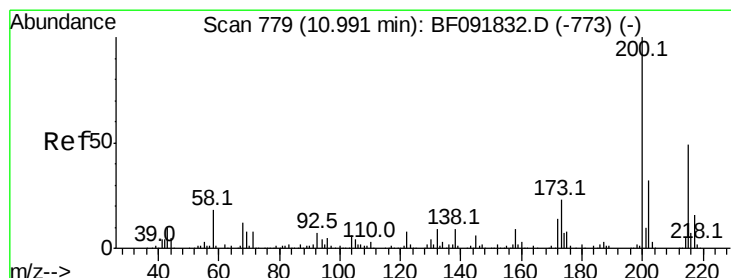
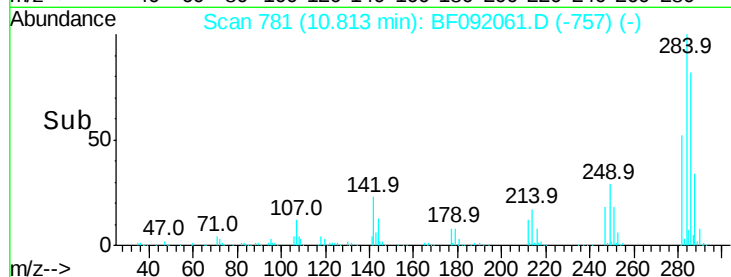
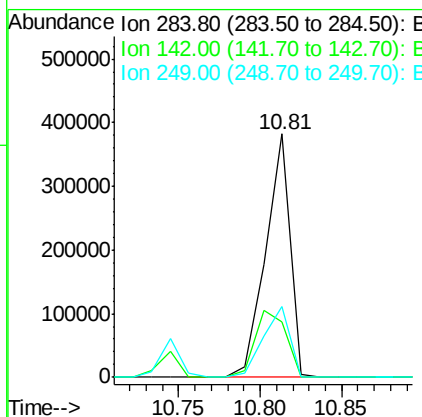
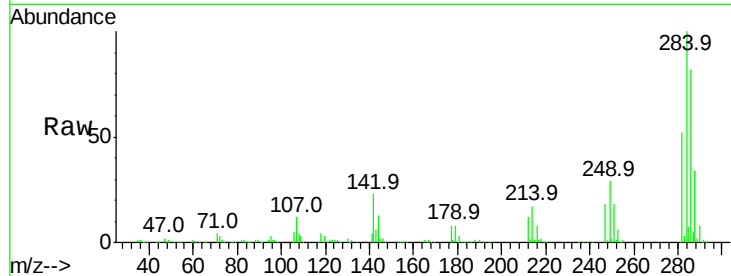
#67
Hexachlorobenzene
Concen: 40.80 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	400252		
142	22.7	22.6	33.8	
249	29.0	25.4	38.0	

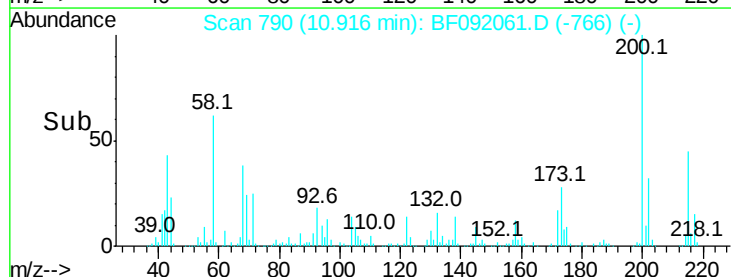
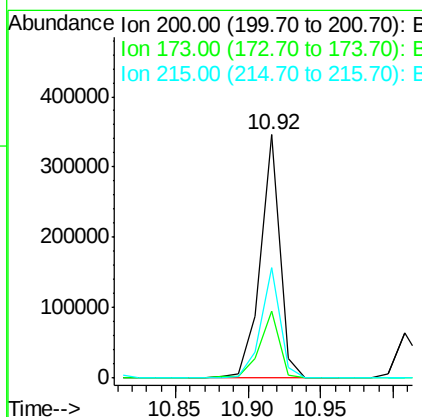
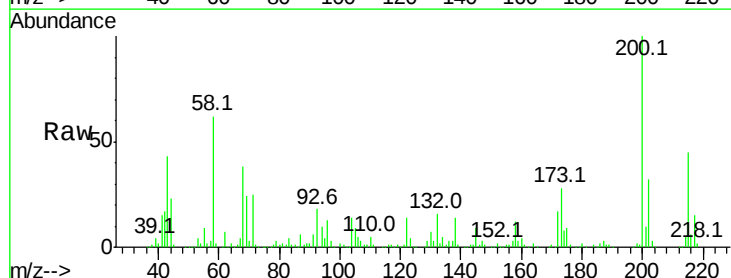
Manual Integrations
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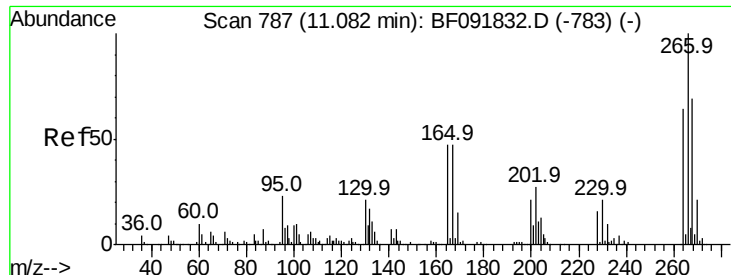
Sohil
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#68
Atrazine
Concen: 38.29 ng
RT: 10.92 min Scan# 790
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	323389		
173	27.7	9.6	49.6	
215	45.1	25.7	65.7	





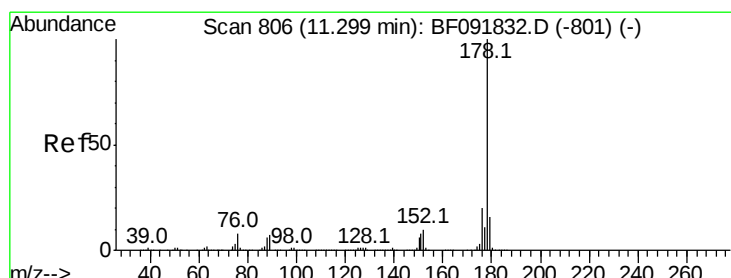
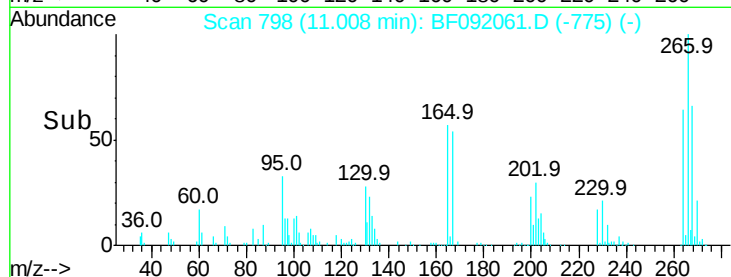
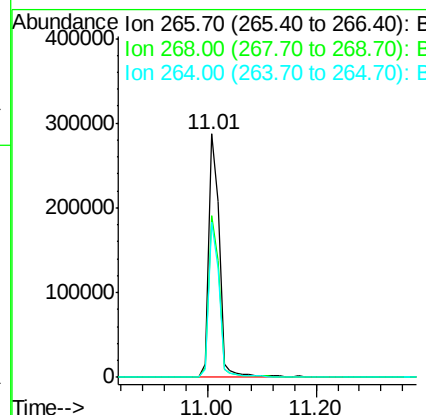
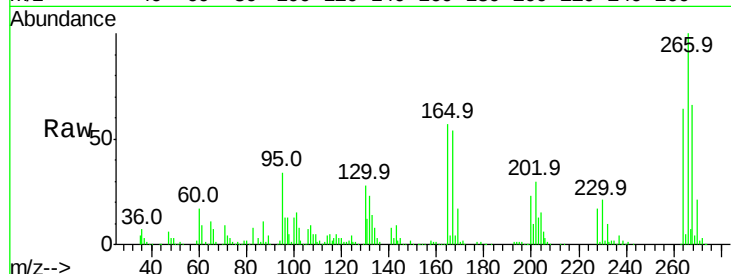
#69
 Pentachlorophenol
 Concen: 80.62 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	388068		
268	66.2	53.3	79.9	
264	63.8	50.3	75.5	

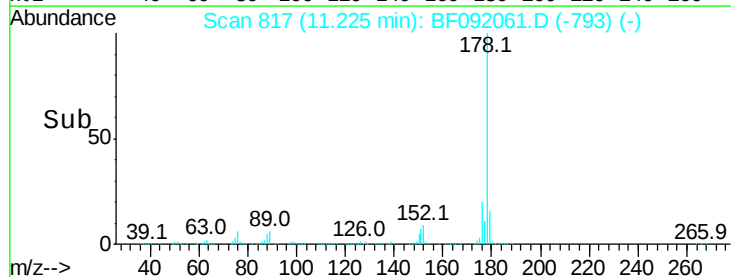
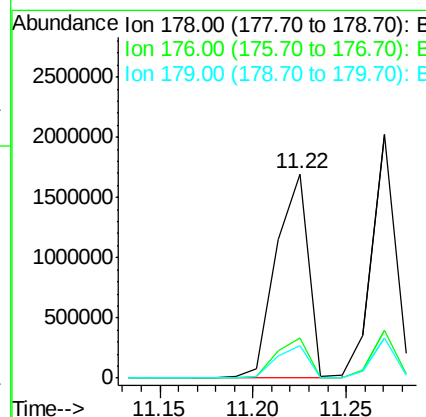
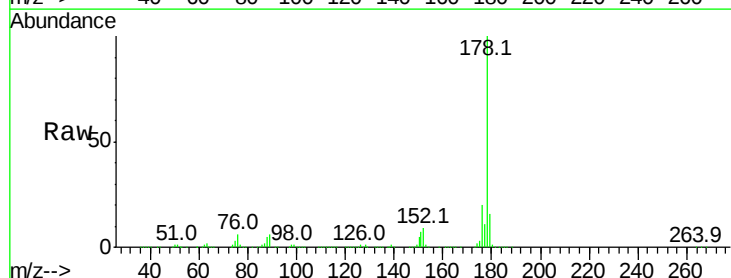
Manual Integrations
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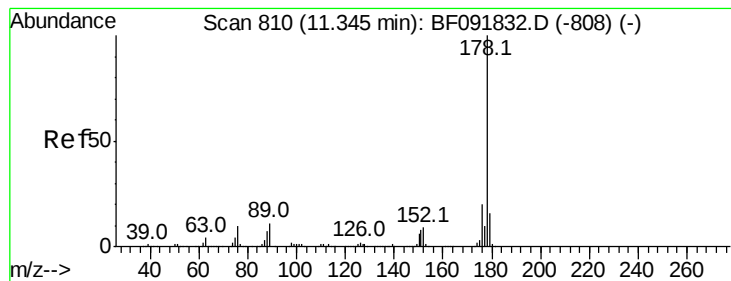
Sohil
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#70
 Phenanthrene
 Concen: 42.79 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2047042		
176	19.8	16.6	25.0	
179	15.7	12.8	19.2	





#71
 Anthracene
 Concen: 40.53 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

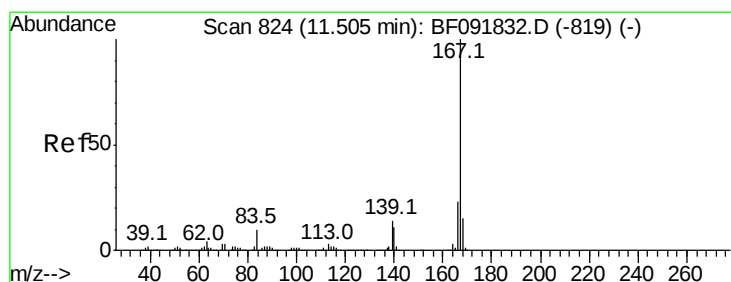
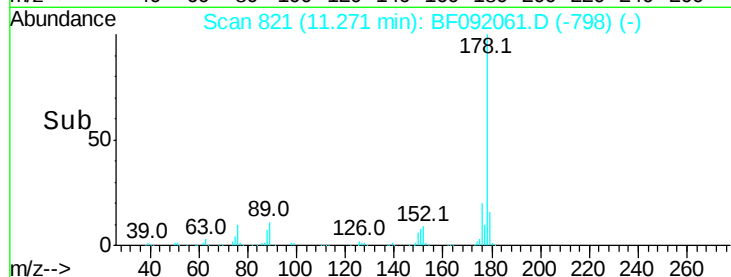
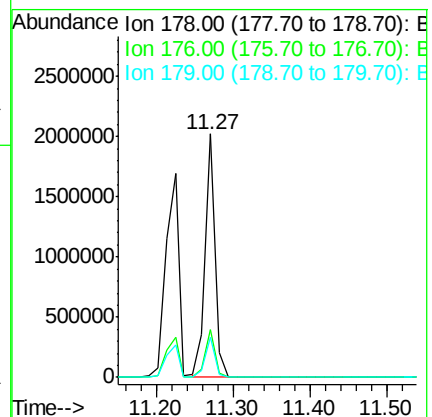
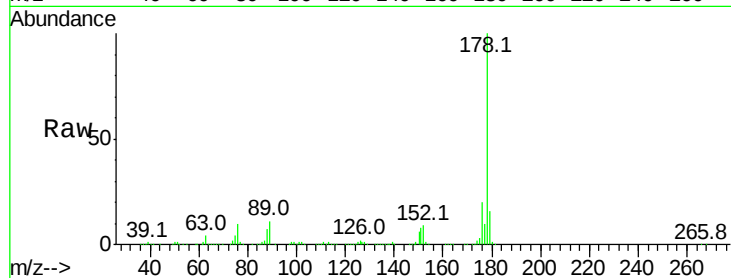
Instrument :
 BNA_F
 ClientSampleID :
 PB95723BS

Tot Ion:178 Resp: 1778459

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.5	13.2	19.8

Manual Integrations
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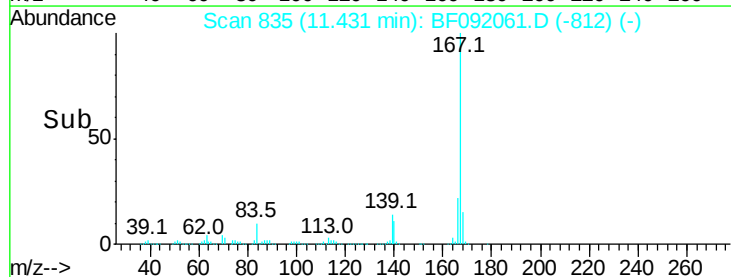
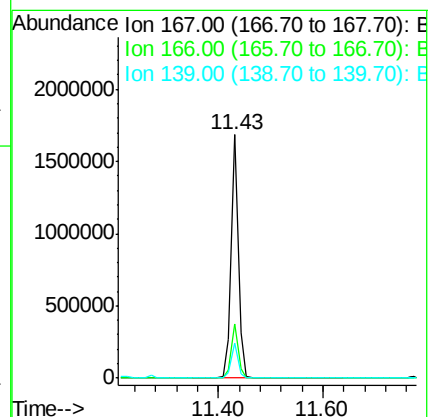
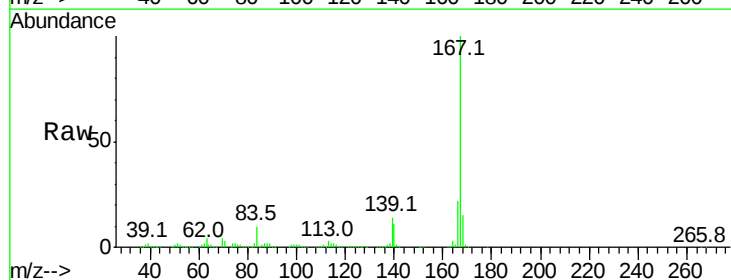
Sohil
 1/4/2017 2:05:40 PM

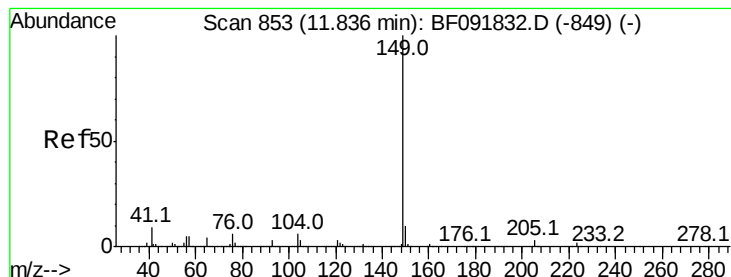


#72
 Carbazole
 Concen: 37.50 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion:167 Resp: 1587096

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	14.4	11.4	17.2





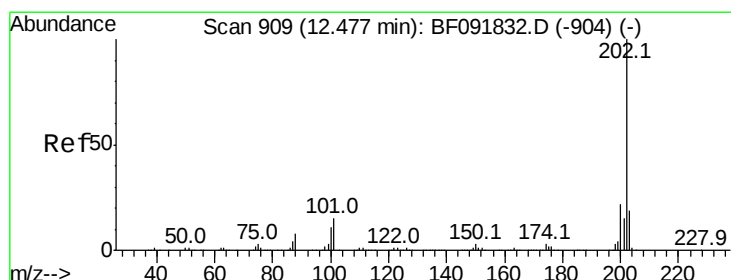
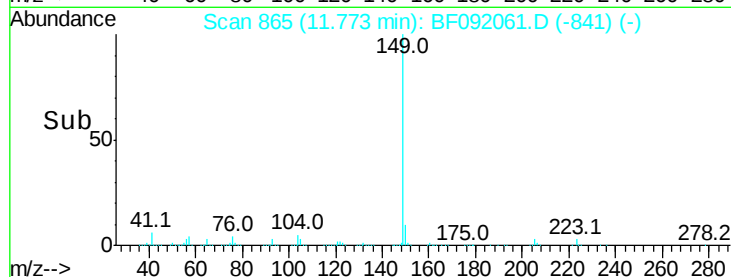
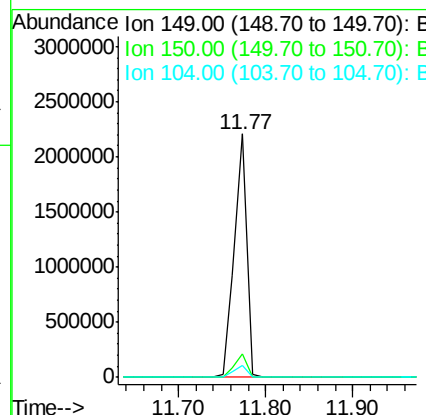
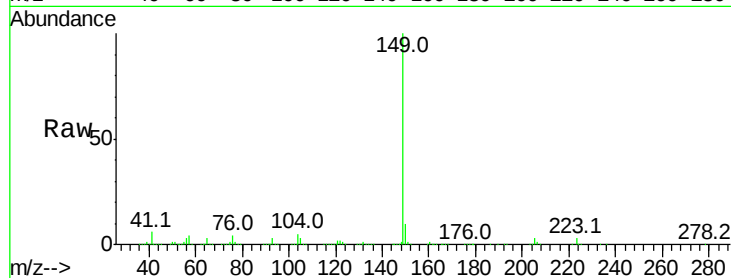
#73
Di-n-butylphthalate
Concen: 48.49 ng
RT: 11.77 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampled :
PB95723BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.8	4.6	7.0

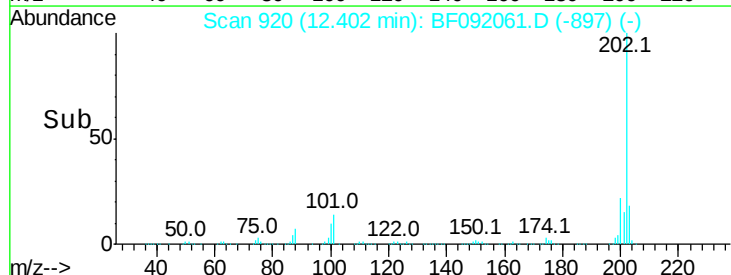
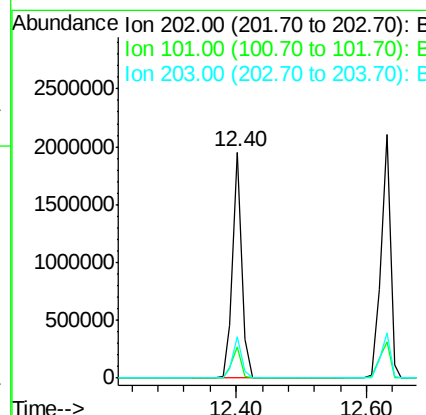
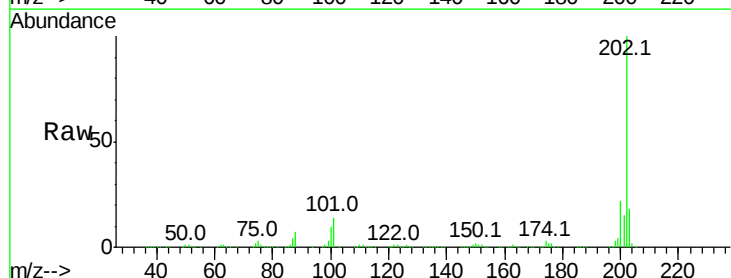
Manual Integrations
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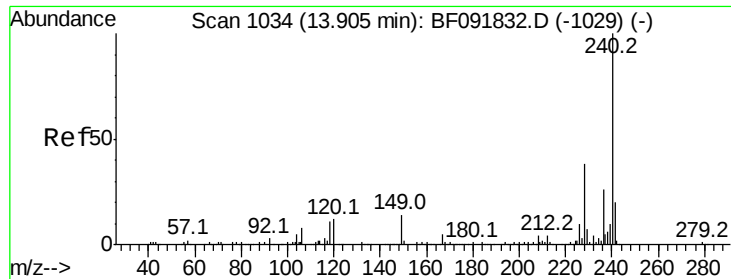
Sohil
1/4/2017 2:05:40 PM



#74
Fluoranthene
Concen: 45.60 ng
RT: 12.40 min Scan# 920
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

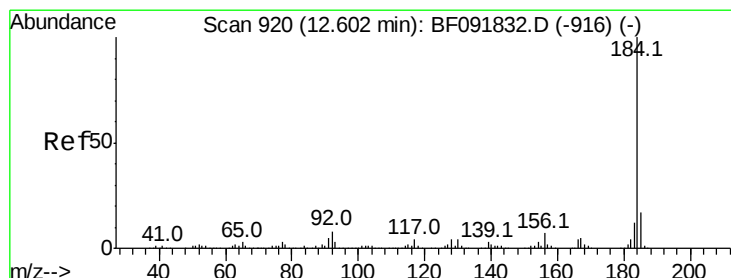
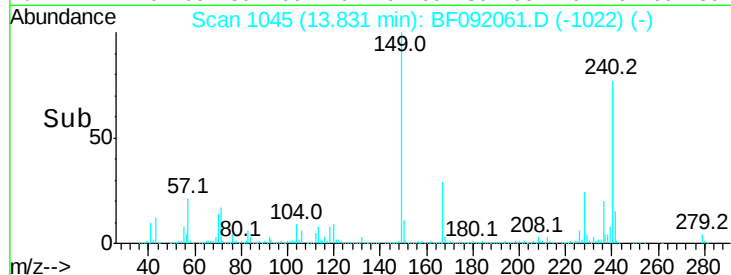
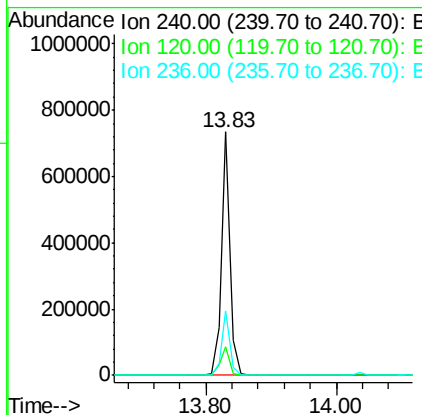
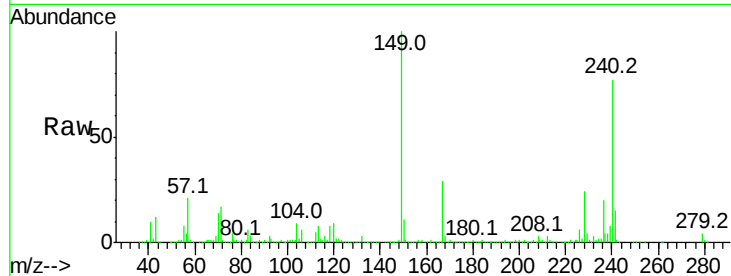
ClientSampled :

PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	691375		
120	12.0	12.9	19.3#	
236	26.4	20.9	31.3	

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#76

Benzidine

Concen: 30.45 ng

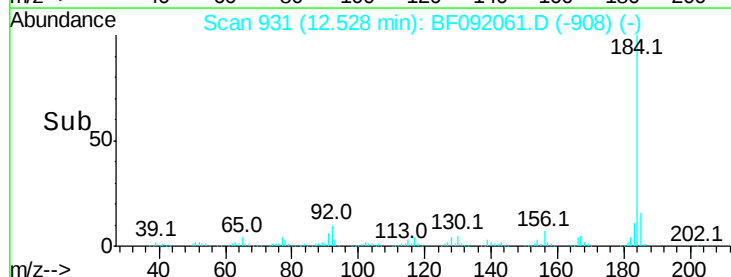
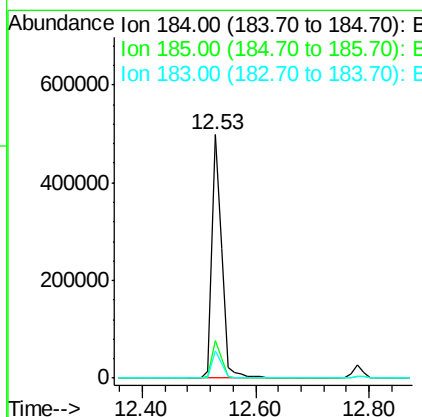
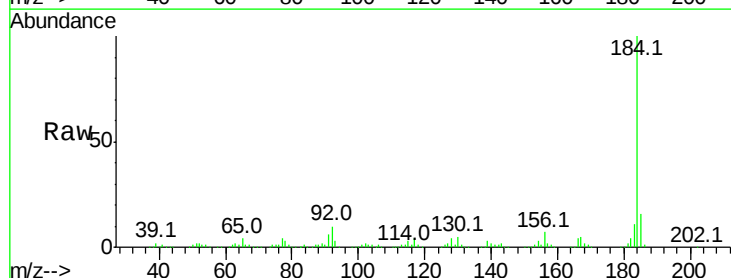
RT: 12.53 min Scan# 931

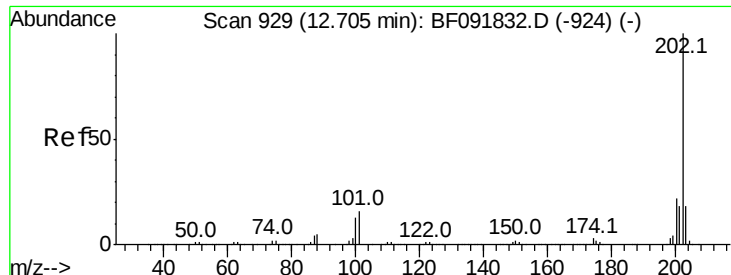
Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	581072		
185	15.6	13.4	20.0	
183	11.0	9.2	13.8	





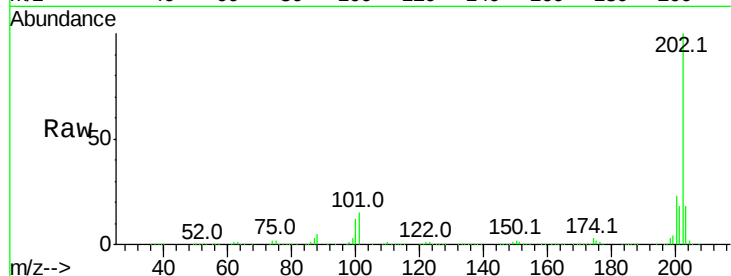
#77
Pvrene
Concen: 40.97 ng
RT: 12.63 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

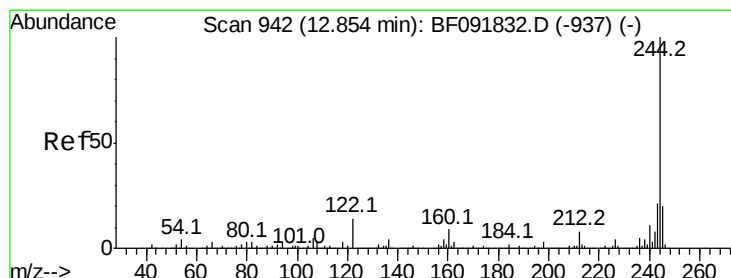
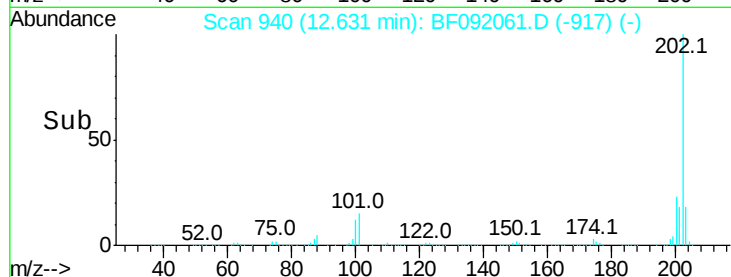
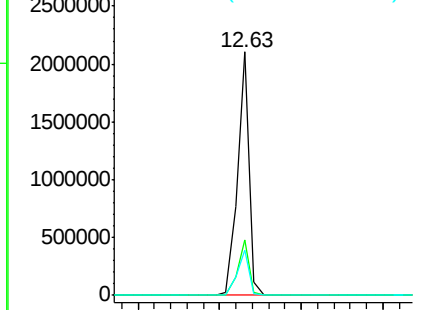
Tot Ion:202 Resp: 2078194
Ion Ratio Lower Upper
202 100
200 22.6 17.7 26.5
203 18.5 14.7 22.1

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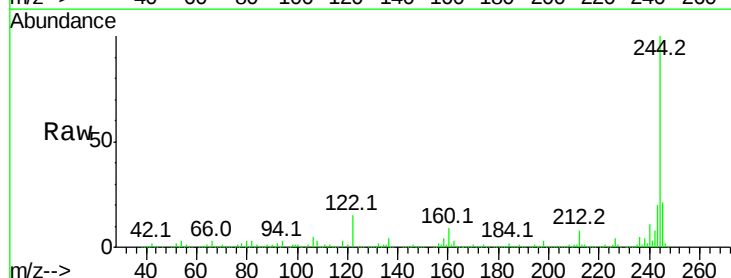


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

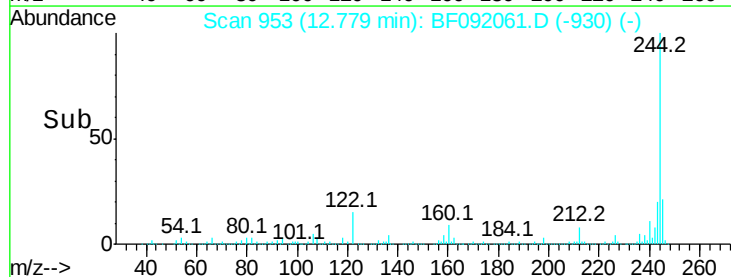
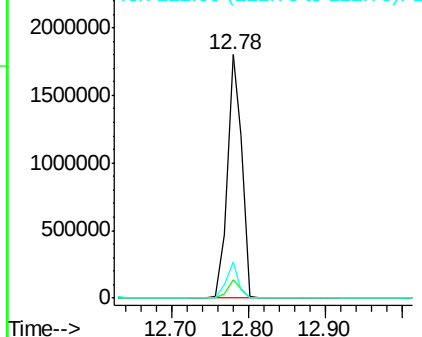


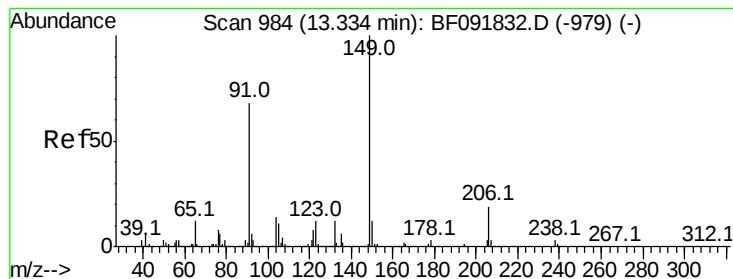
#78
Terphenyl-d14
Concen: 84.59 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:244 Resp: 2411303
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 14.8 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: 38.13 ng

RT: 13.26 min Scan# 995

Delta R.T. -0.04 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

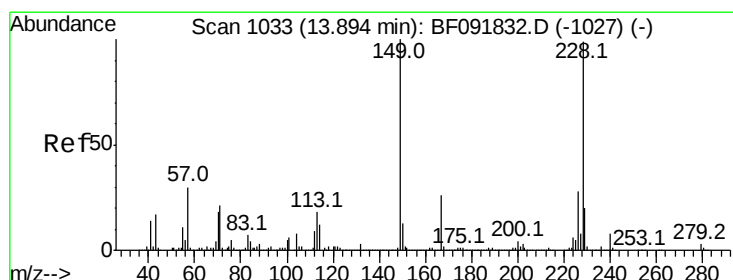
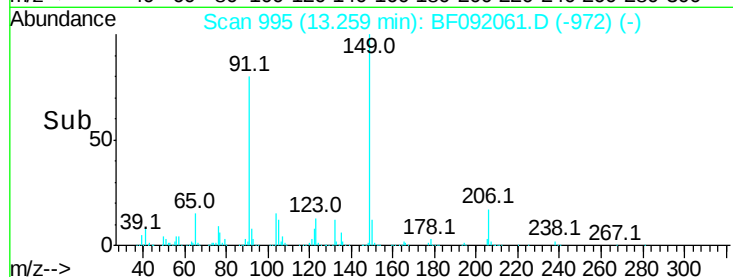
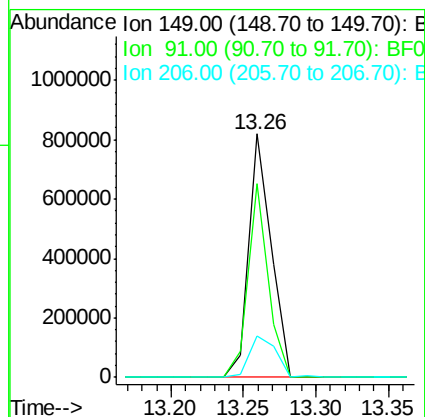
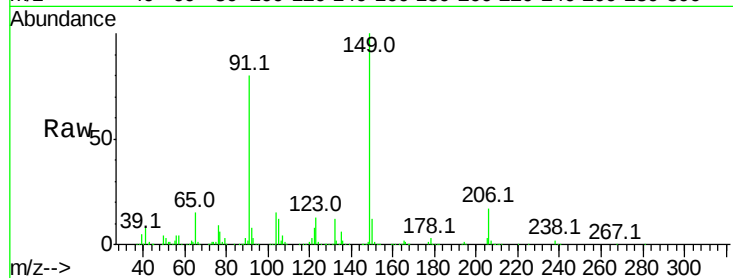
ClientSampled :

PB95723BS

Tot Ion:	149	Resp:	879793
Ion Ratio	Lower	Upper	
149	100		
91	79.8	63.9	95.9
206	17.1	14.6	21.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 45.41 ng

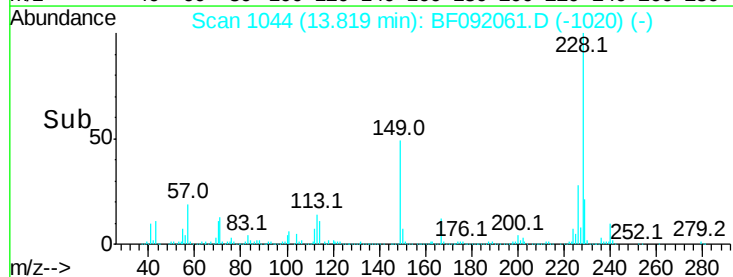
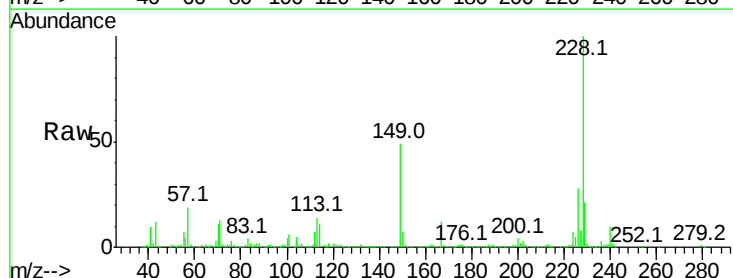
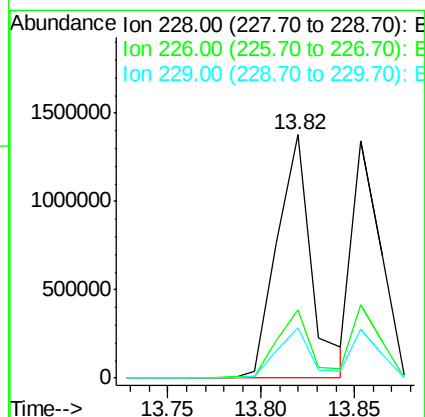
RT: 13.82 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Tgt Ion:	228	Resp:	1772368
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.4	33.6
229	20.7	16.2	24.4





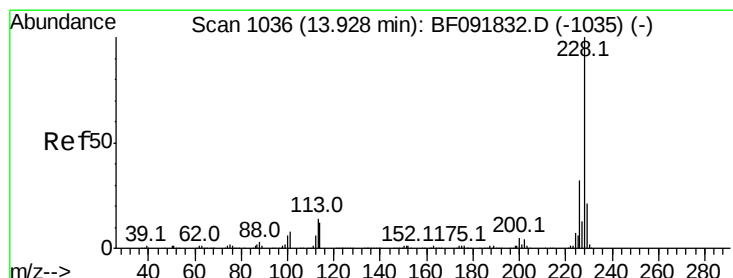
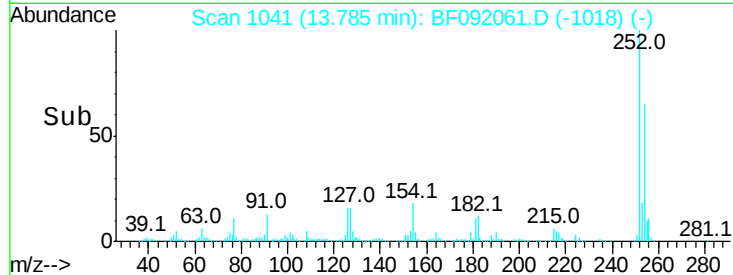
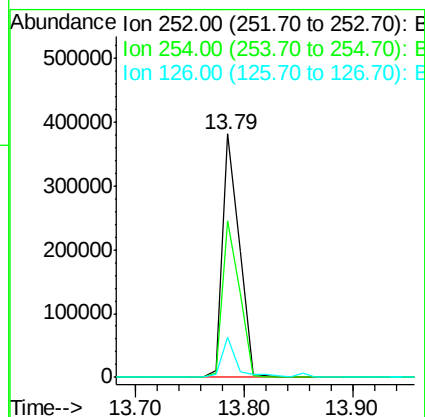
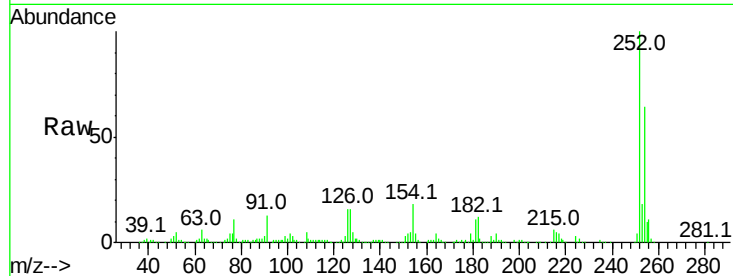
#81
 3,3'-Dichlorobenzidine
 Concen: 27.87 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleID :
 PB95723BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	412395		
254	64.4	52.3	78.5	
126	16.4	13.6	20.4	

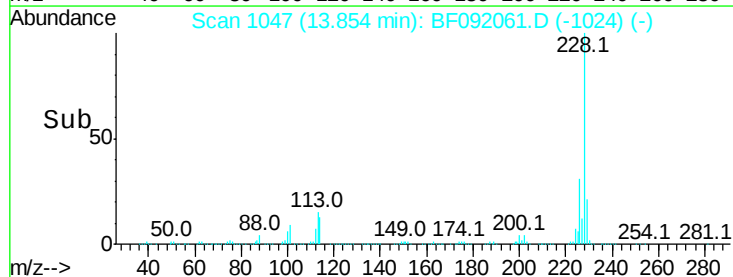
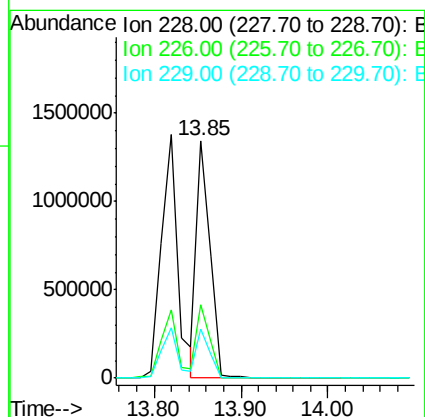
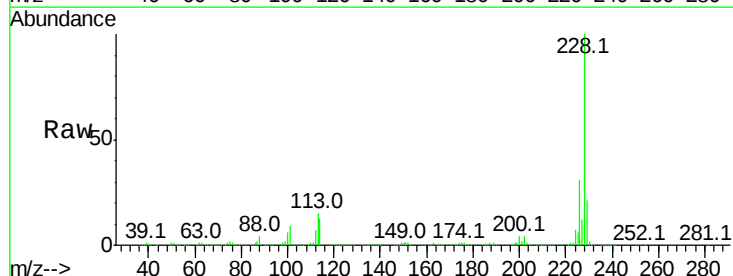
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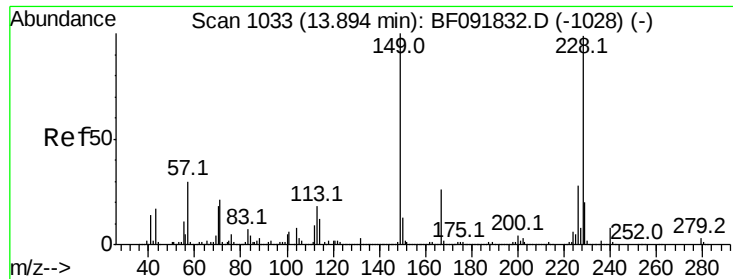
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#82
 Chrysene
 Concen: 36.48 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1428179		
226	31.1	25.4	38.0	
229	20.7	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.53 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

PB95723BS

Tot Ion:149 Resp: 1155469

Ion Ratio Lower Upper

149 100

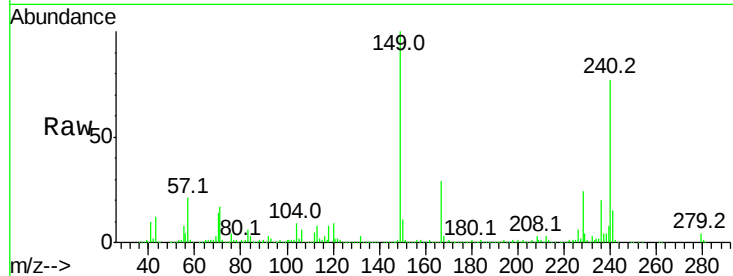
167 28.6 20.2 30.4

279 4.1 1.8 2.8#

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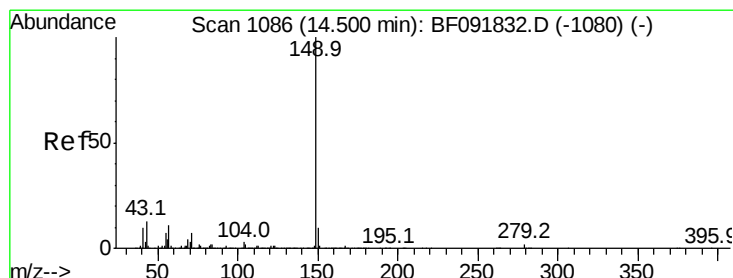
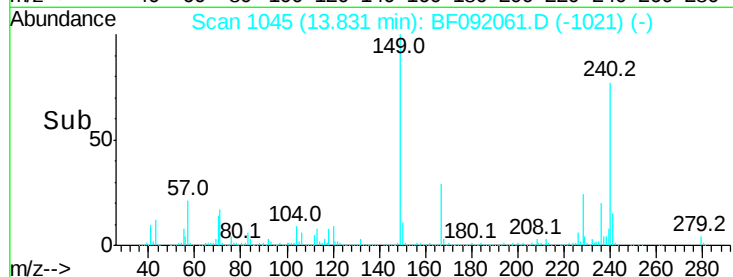
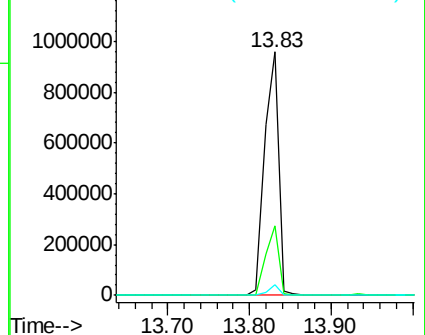
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.76 ng

RT: 14.44 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF092061.D

Acq: 3 Jan 2017 15:27

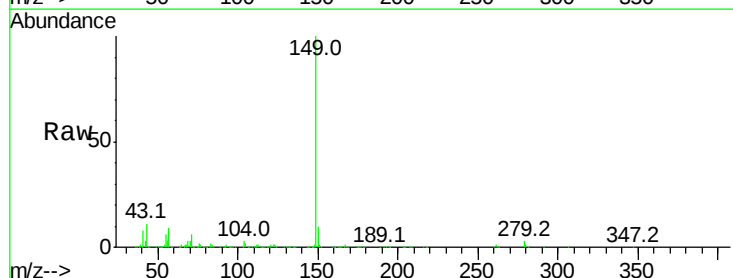
Tgt Ion:149 Resp: 2051438

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

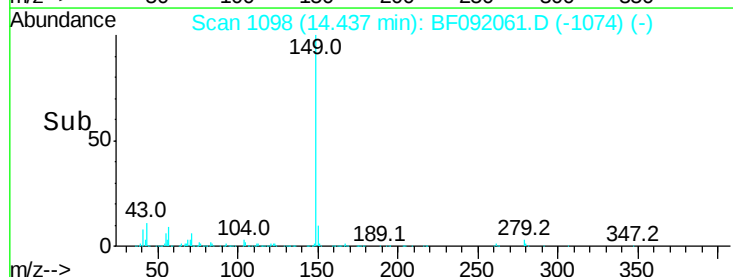
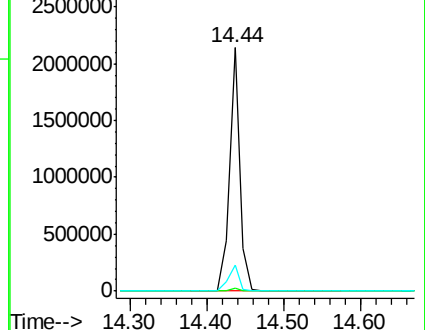
43 10.9 8.9 13.3

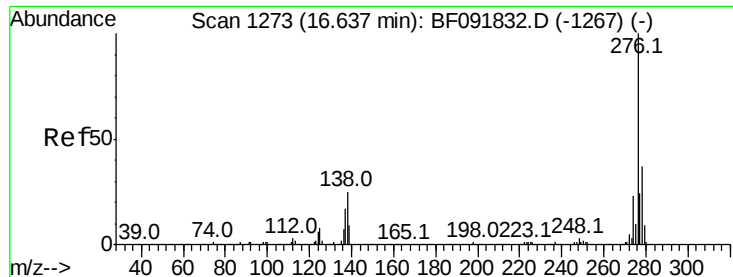


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





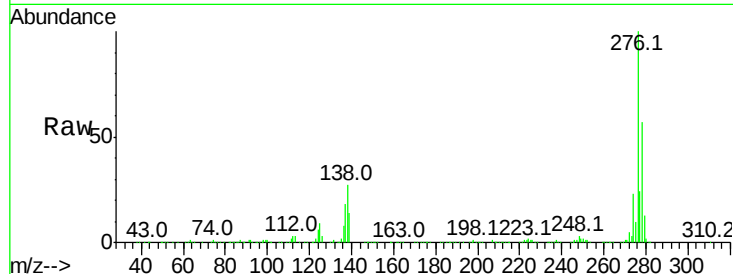
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.42 ng
RT: 16.51 min Scan# 1279
Delta R.T. -0.06 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

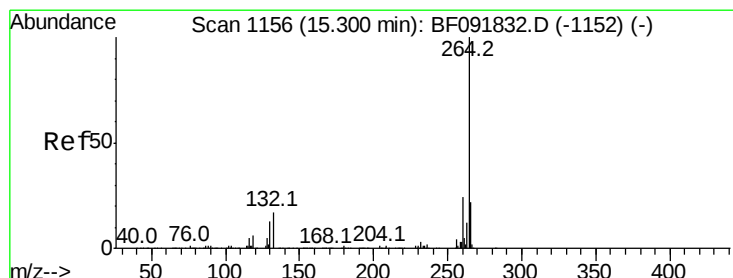
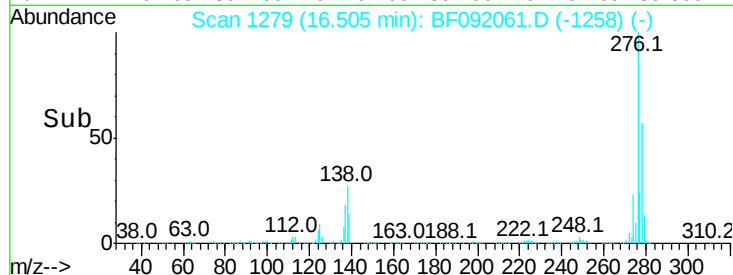
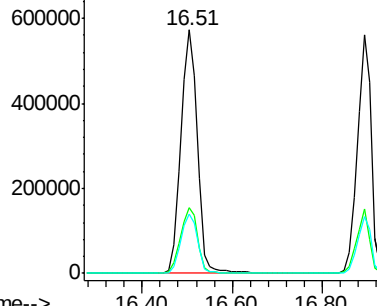
Tot Ion:276 Resp: 1472573
Ion Ratio Lower Upper
276 100
138 28.0 21.8 32.6
277 24.8 20.2 30.4

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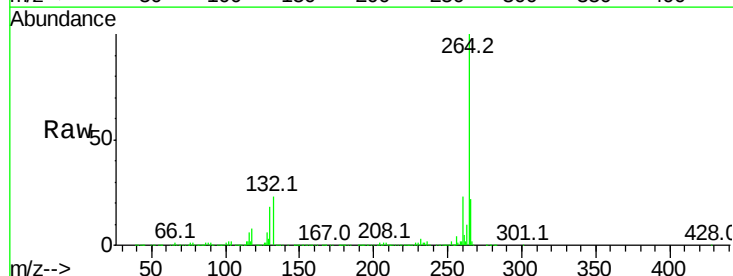


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

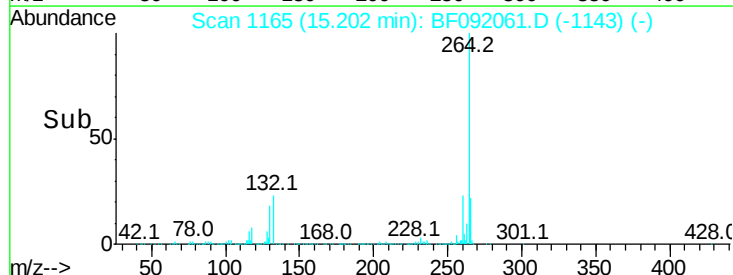
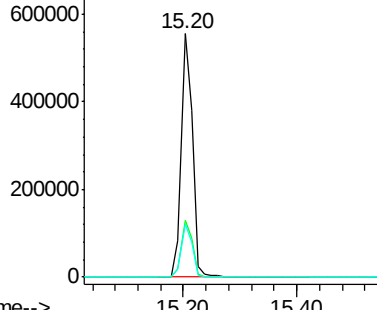


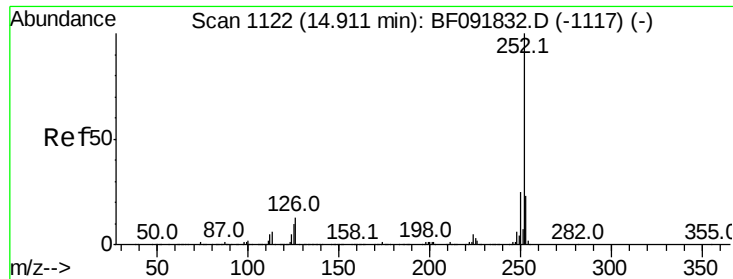
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion:264 Resp: 732041
Ion Ratio Lower Upper
264 100
260 23.3 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





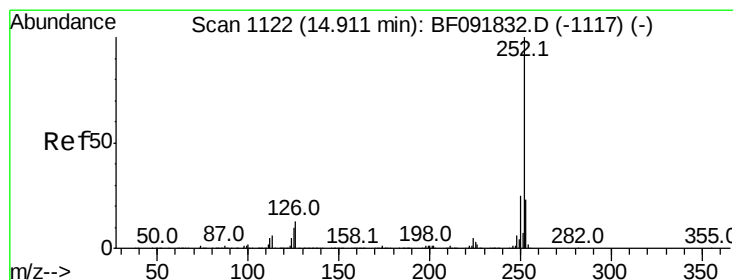
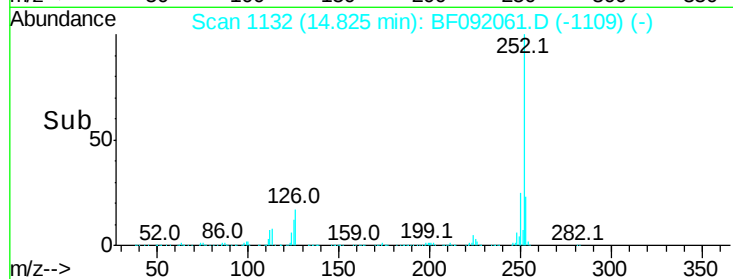
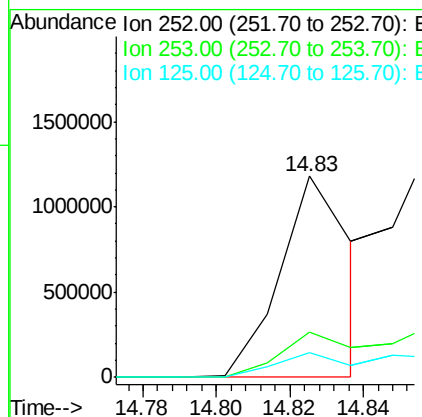
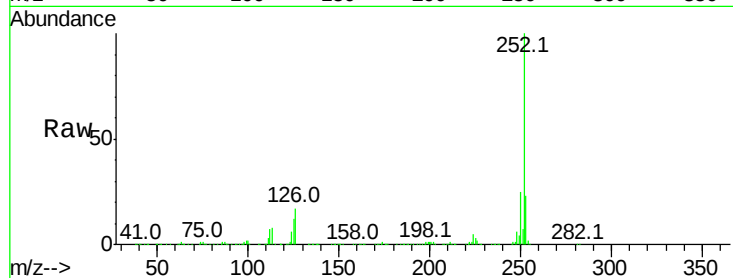
#87
Benzo(b)fluoranthene
Concen: 35.47 ng m
RT: 14.83 min Scan# 1132
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.3	9.8	14.6

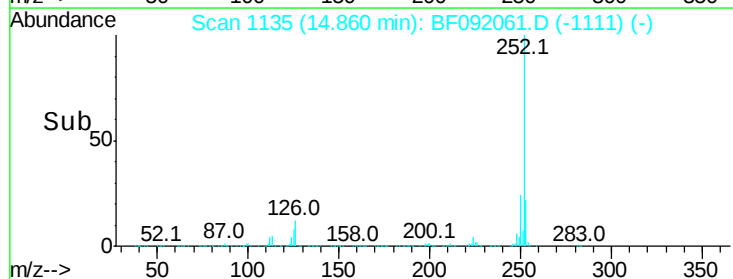
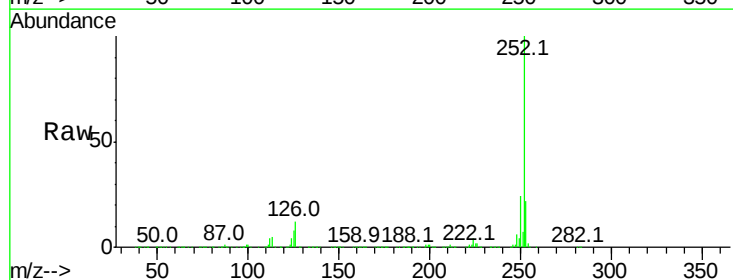
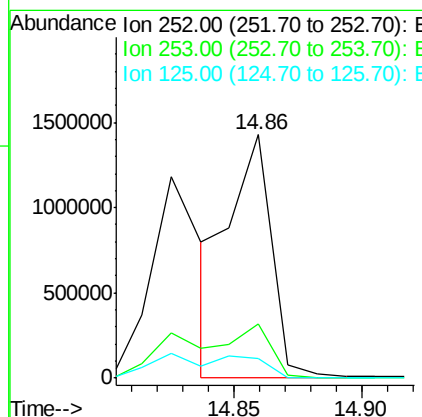
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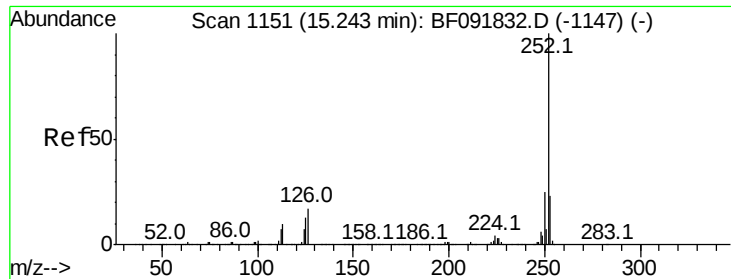
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#88
Benzo(k)fluoranthene
Concen: 42.69 ng m
RT: 14.86 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	8.3	8.9	13.3





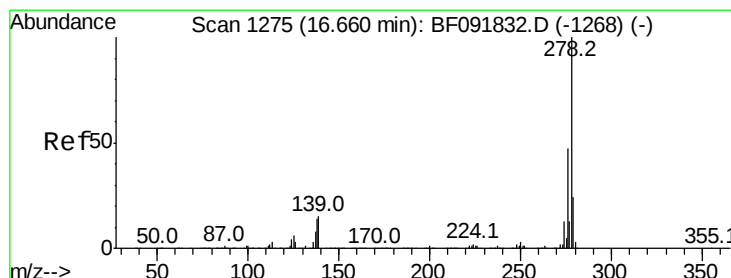
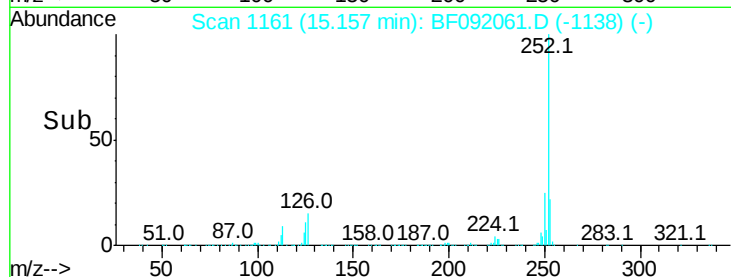
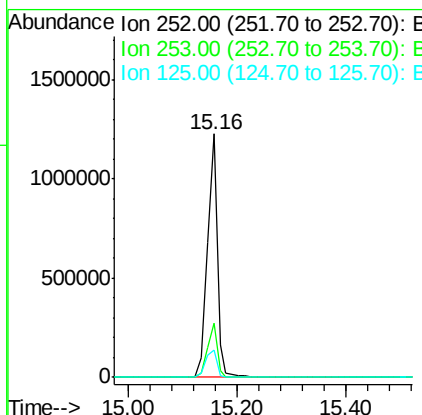
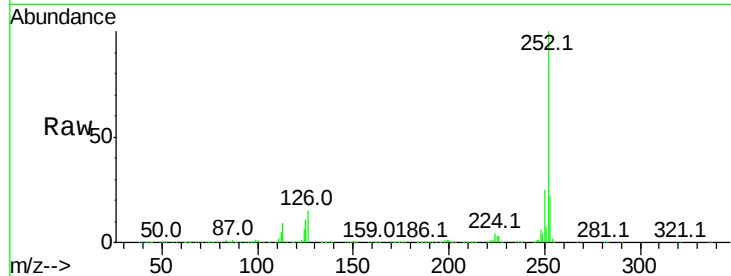
#89
Benzo(a)pyrene
Concen: 37.83 ng
RT: 15.16 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.5	10.0	15.0

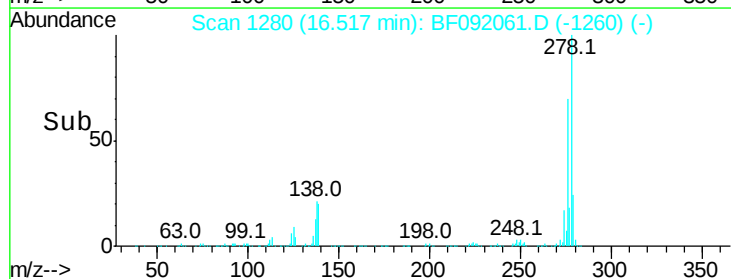
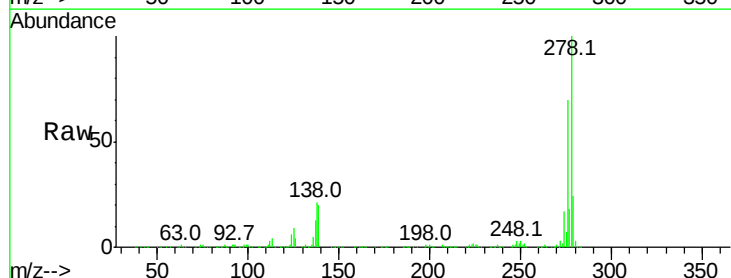
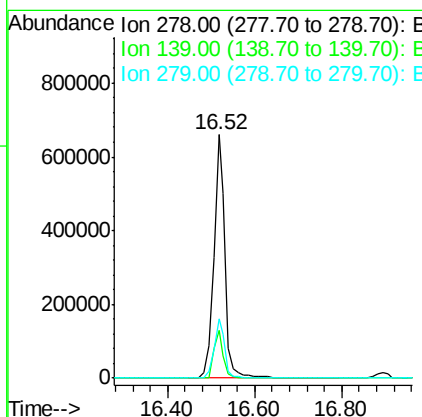
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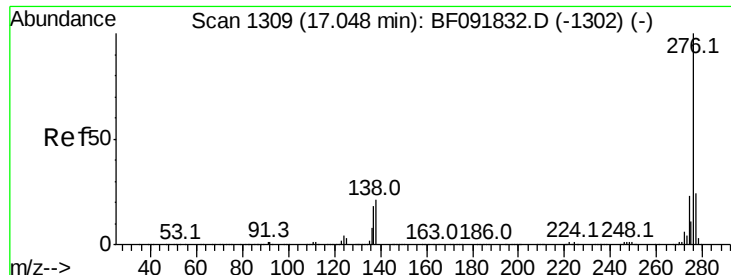
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.41 ng
RT: 16.52 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BF092061.D
Acq: 3 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.8	22.2
279	24.5	19.8	29.6





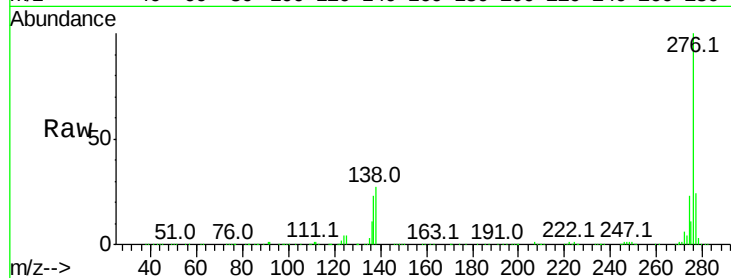
#91
 Benzo(a,h,i)perylene
 Concen: 34.99 ng
 RT: 16.89 min Scan# 1313
 Delta R.T. -0.07 min
 Lab File: BF092061.D
 Acq: 3 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB95723BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	27.2	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 1/4/2017 2:05:40 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

