

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092063.D
 Acq On : 3 Jan 2017 16:24
 Operator : UM/SJ
 Sample : PB95719BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BS

Manual Integrations
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Sohil
 1/4/2017 2:05:42 PM

Quant Time: Jan 04 12:32:31 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	6.68	152	213318	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	985230	20.00	ng	-0.04
38) Acenaphthene-d10	9.72	164	538251	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	837110	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	343590	20.00	ng	-0.04
86) Perylene-d12	15.20	264	266410	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1611431	126.13	ng	-0.04
7) Phenol-d6	6.34	99	2272215	145.68	ng	-0.04
23) Nitrobenzene-d5	7.25	82	1456644	82.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	537297	120.62	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2294050	87.74	ng	-0.04
78) Terphenyl-d14	12.78	244	1293074	91.27	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	232714	37.00	ng	98
3) Pyridine	2.85	79	608864	27.74	ng	96
4) n-Nitrosodimethylamine	2.81	42	328460	39.67	ng	99
6) Aniline	6.33	93	546812	26.99	ng	# 65
8) 2-Chlorophenol	6.46	128	576129	39.64	ng	94
9) Benzaldehyde	6.22	77	54481	4.48	ng	95
10) Phenol	6.36	94	898407	50.55	ng	# 66
11) bis(2-Chloroethyl)ether	6.41	93	707123	50.00	ng	96
12) 1,3-Dichlorobenzene	6.61	146	574831m	37.05	ng	
13) 1,4-Dichlorobenzene	6.69	146	663410	42.01	ng	98
14) 1,2-Dichlorobenzene	6.85	146	598202	43.66	ng	94
15) Benzyl Alcohol	6.82	79	522173	43.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	908135	43.12	ng	64
17) 2-Methylphenol	6.95	107	552610	47.28	ng	95
18) Hexachloroethane	7.18	117	262447	44.83	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	475814	45.85	ng	99
20) 3+4-Methylphenols	7.11	107	740521	53.12	ng	# 73
22) Acetophenone	7.09	105	984787	40.52	ng	94
24) Nitrobenzene	7.26	77	674069	35.72	ng	99
25) Isophorone	7.51	82	1489395	45.56	ng	100
26) 2-Nitrophenol	7.58	139	391057	42.02	ng	99
27) 2,4-Dimethylphenol	7.64	122	696805	45.14	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	922641	46.54	ng	99
29) 2,4-Dichlorophenol	7.83	162	611379	46.78	ng	92
30) 1,2,4-Trichlorobenzene	7.90	180	599483	41.86	ng	94
31) Naphthalene	7.98	128	1897361	42.08	ng	100
32) Benzoic acid	7.78	122	517516	45.20	ng	97
33) 4-Chloroaniline	8.04	127	305670	15.03	ng	97
34) Hexachlorobutadiene	8.10	225	337723	44.67	ng	98
35) Caprolactam	8.42	113	222946m	51.91	ng	
36) 4-Chloro-3-methylphenol	8.55	107	717195	47.69	ng	91
37) 2-Methylnaphthalene	8.68	142	1397201	56.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	548671	40.35	ng	98
40) Hexachlorocyclopentadiene	8.82	237	552610	90.68	ng	95

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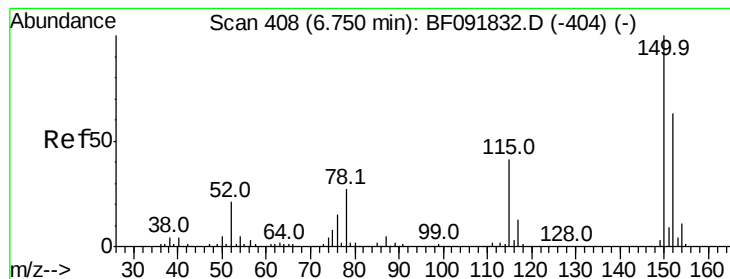
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	394756	41.51	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	406370	41.52	nq #	82
45) 1,1'-Biphenyl	9.14	154	1706173	46.29	nq	100
46) 2-Chloronaphthalene	9.17	162	1276447	43.73	nq	98
47) 2-Nitroaniline	9.27	65	460127	44.28	nq #	84
48) Acenaphthylene	9.58	152	1958063	43.62	nq	99
49) Dimethylphthalate	9.45	163	1406276	40.85	nq	98
50) 2,6-Dinitrotoluene	9.51	165	298265	39.58	nq #	67
51) Acenaphthene	9.75	154	1252642	41.16	nq	99
52) 3-Nitroaniline	9.68	138	203618	21.84	nq	89
53) 2,4-Dinitrophenol	9.80	184	355231	84.73	nq #	77
54) Dibenzofuran	9.92	168	1561094	37.99	nq	100
55) 4-Nitrophenol	9.88	139	496087	78.35	nq	98
56) 2,4-Dinitrotoluene	9.92	165	430693	45.54	nq	92
57) Fluorene	10.26	166	1344881	44.98	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	353036	45.61	nq	100
59) Diethylphthalate	10.15	149	1369061	40.95	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	545158	41.64	nq	98
61) 4-Nitroaniline	10.30	138	335035	34.67	nq	97
62) Azobenzene	10.41	77	1624135	44.12	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	251301	49.65	nq	97
65) n-Nitrosodiphenylamine	10.38	169	1127555	45.39	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	378891	43.51	nq	97
67) Hexachlorobenzene	10.81	284	425009	45.66	nq #	92
68) Atrazine	10.92	200	343158	42.83	nq	98
69) Pentachlorophenol	11.01	266	395950	86.70	nq	99
70) Phenanthrene	11.22	178	2030090	44.72	nq	99
71) Anthracene	11.27	178	1866049	47.13	nq	100
72) Carbazole	11.43	167	1653021	43.63	nq	99
73) Di-n-butylphthalate	11.77	149	2275144	53.69	nq #	97
74) Fluoranthene	12.40	202	1549954	38.36	nq	98
76) Benzidine	12.53	184	445579	53.06	nq	97
77) Pyrene	12.63	202	1391584	55.20	nq	99
79) Butylbenzylphthalate	13.26	149	458591	40.00	nq	99
80) Benzo(a)anthracene	13.82	228	922821	47.58	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	191693	26.06	nq	98
82) Chrysene	13.85	228	685498	35.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	647298	47.94	nq #	95
84) Di-n-octyl phthalate	14.44	149	1114845	44.57	nq	98
85) Indeno(1,2,3-cd)pyrene	16.51	276	659838	39.15	nq #	94
87) Benzo(b)fluoranthene	14.83	252	745661m	44.96	nq	
88) Benzo(k)fluoranthene	14.86	252	770075m	54.45	nq	
89) Benzo(a)pyrene	15.16	252	710933	48.29	nq #	94
90) Dibenzo(a,h)anthracene	16.52	278	538110	44.47	nq	97
91) Benzo(g,h,i)perylene	16.89	276	538013	42.76	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 419

Delta R.T. -0.03 min

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Instrument :

BNA_F

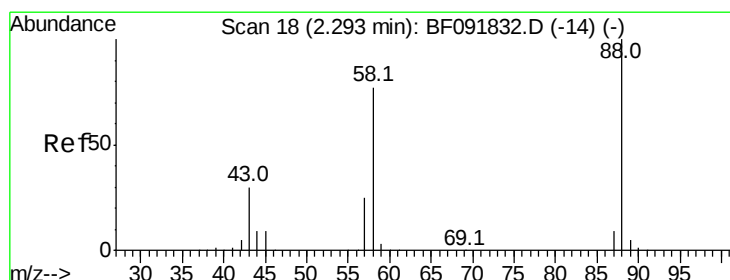
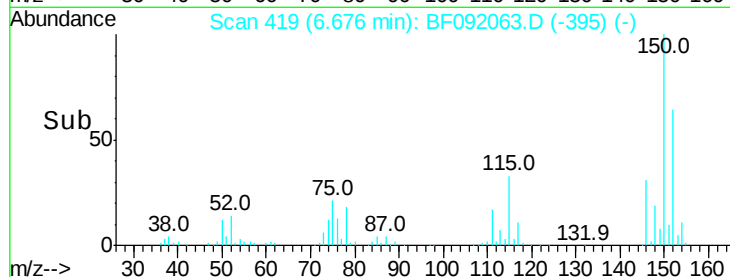
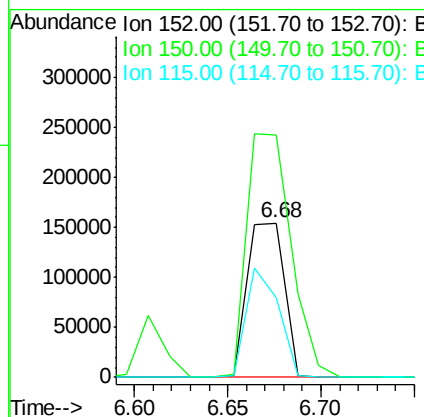
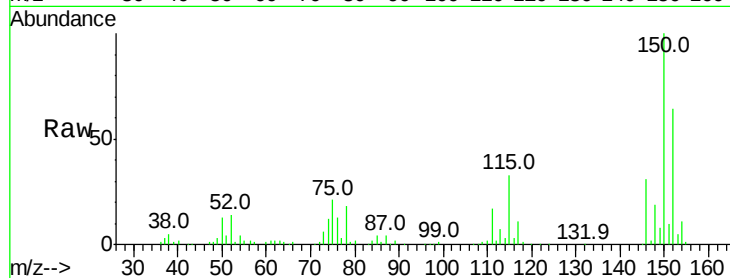
ClientSampleId :

PB95719BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.9	187.3
115	51.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 37.00 ng

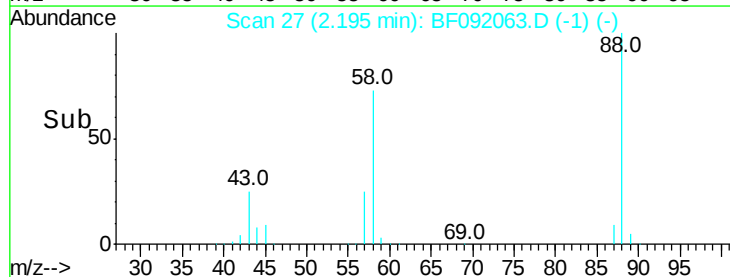
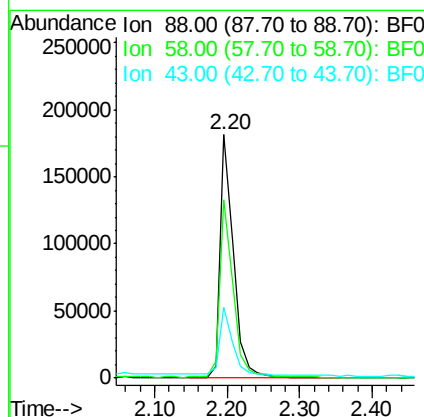
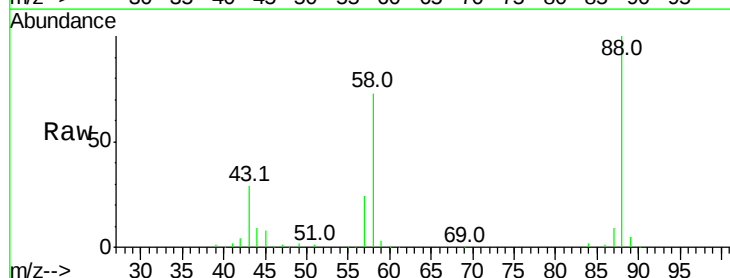
RT: 2.20 min Scan# 27

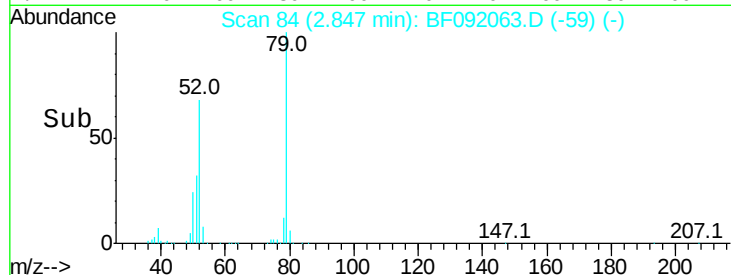
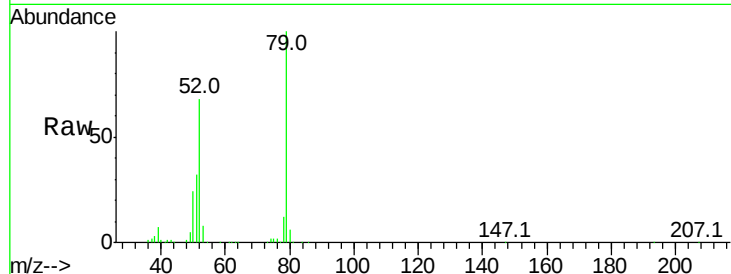
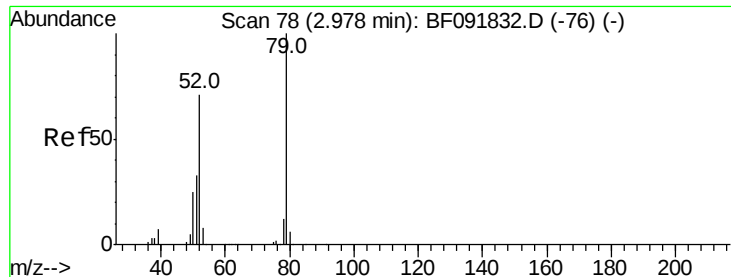
Delta R.T. 0.01 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	57.8	86.8
43	30.8	22.3	33.5





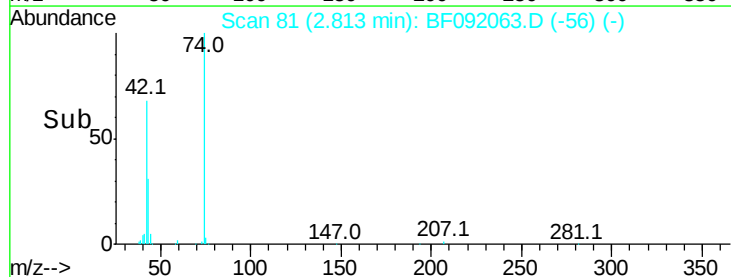
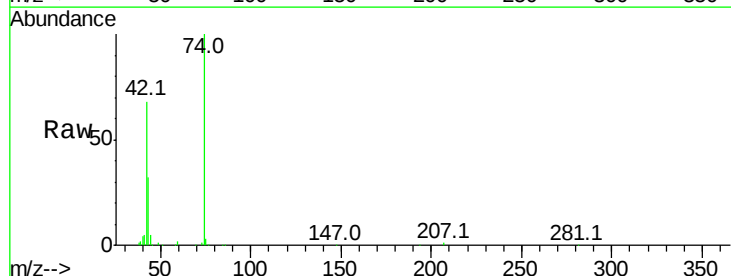
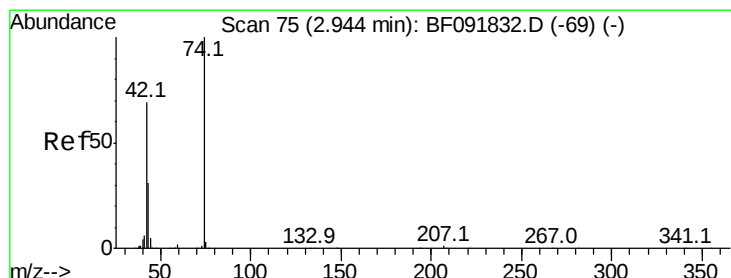
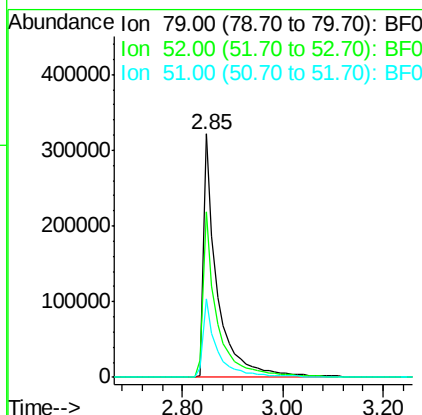
#3
Pvridine
Concen: 27.74 ng
RT: 2.85 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		608864		
52	68.1	57.1		85.7	
51	32.4	27.3		40.9	

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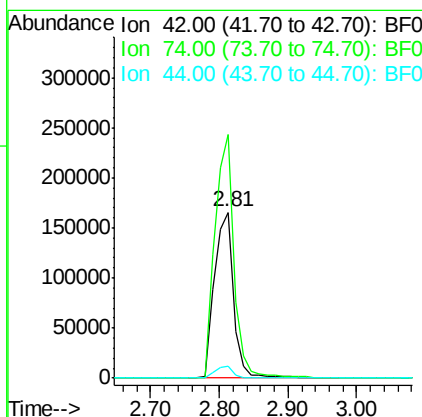
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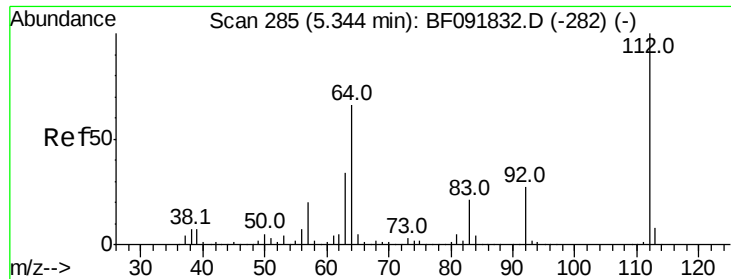
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#4
n-Nitrosodimethylamine
Concen: 39.67 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.02 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		328460		
74	147.0	117.0		175.4	
44	6.9	5.5		8.3	





#5

2-Fluorophenol

Concen: 126.13 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

PB95719BS

Tot Ion: 112 Resp: 1611431

Ion Ratio Lower Upper

112 100

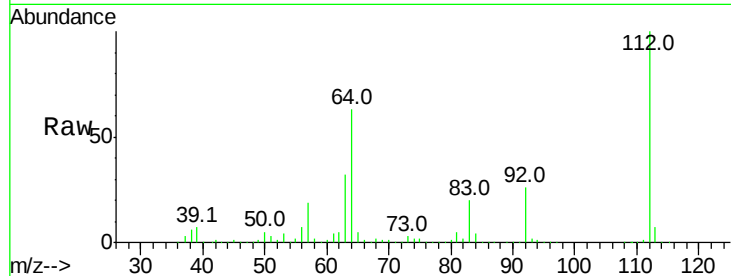
64 63.1 46.1 69.1

63 32.5 23.8 35.6

Manual Integrations
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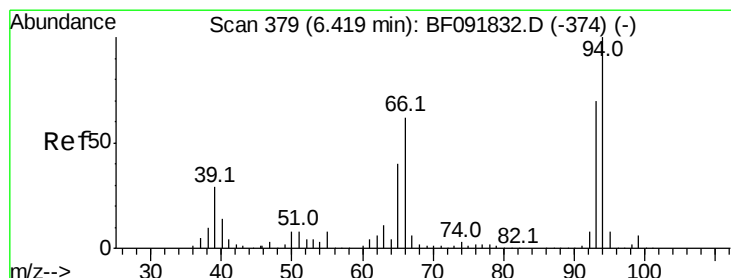
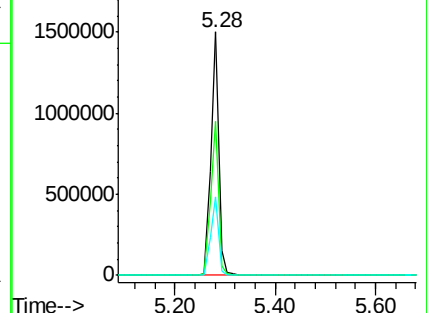
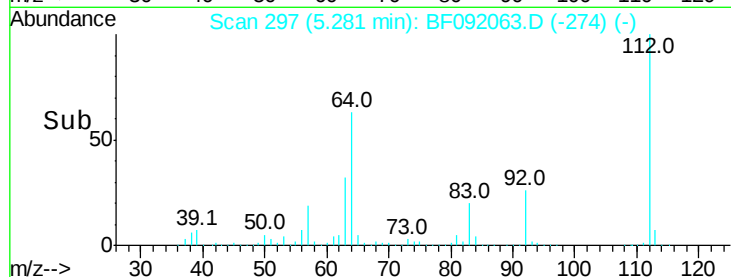
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.99 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

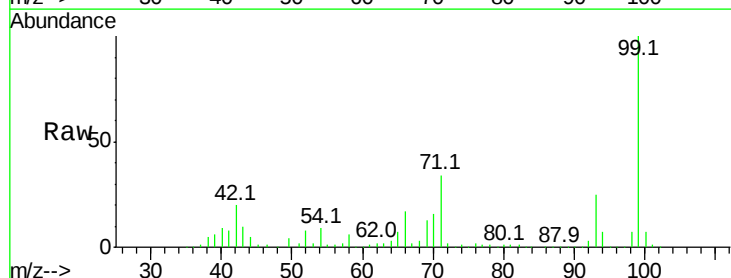
Tgt Ion: 93 Resp: 546812

Ion Ratio Lower Upper

93 100

66 66.3 76.2 114.2#

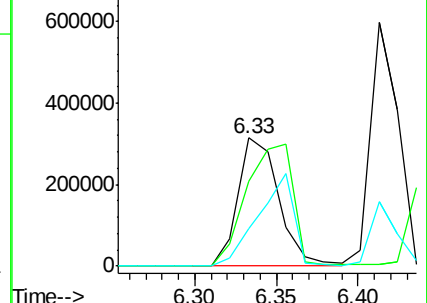
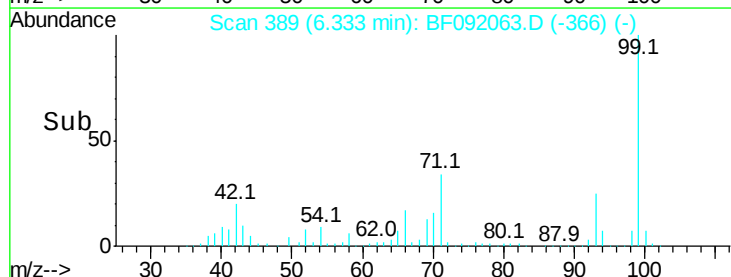
65 29.5 49.3 73.9#

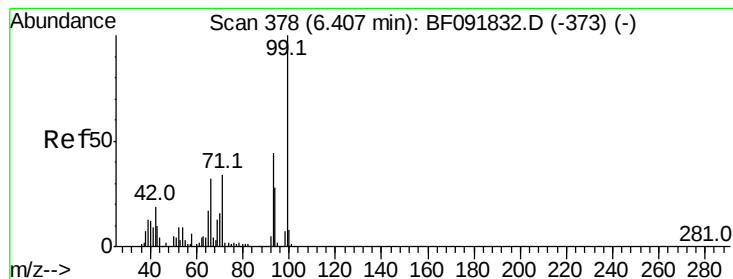


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.68 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2272215

Ion Ratio Lower Upper

99 100

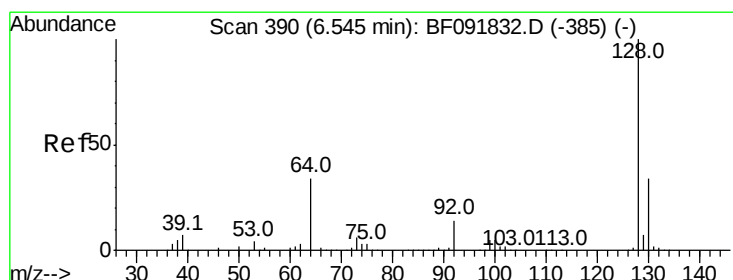
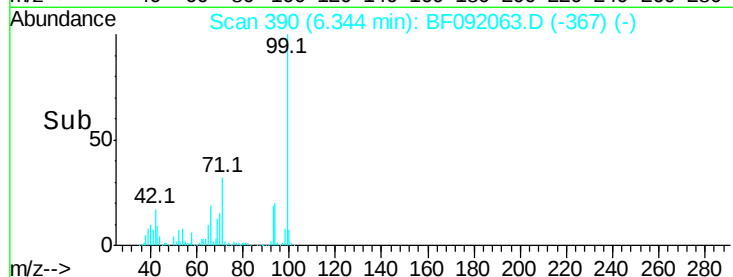
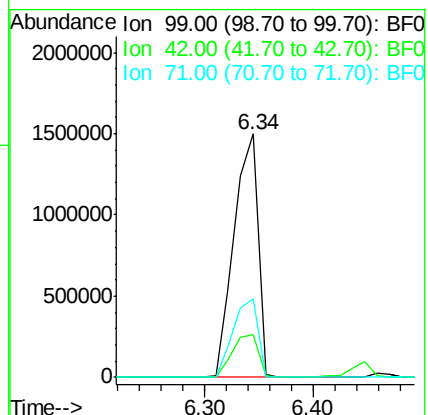
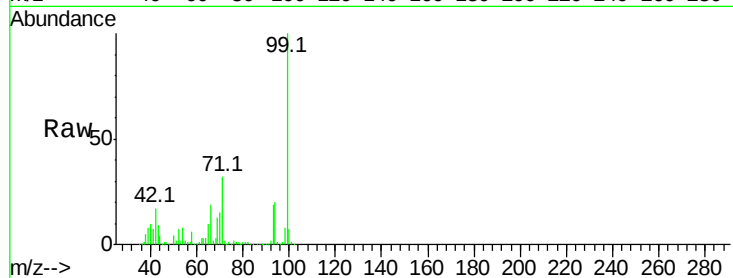
42 17.5 15.6 23.4

71 32.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 39.64 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

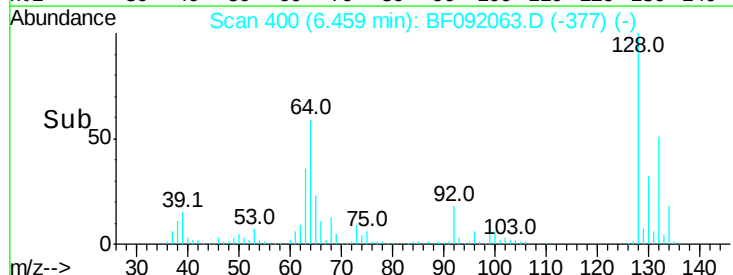
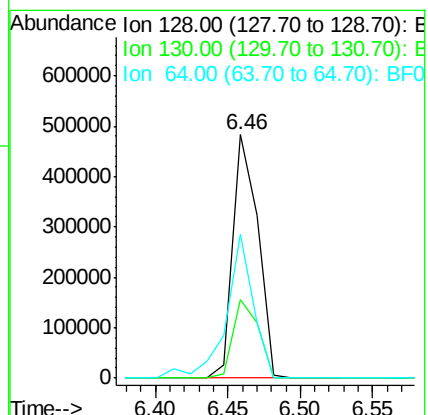
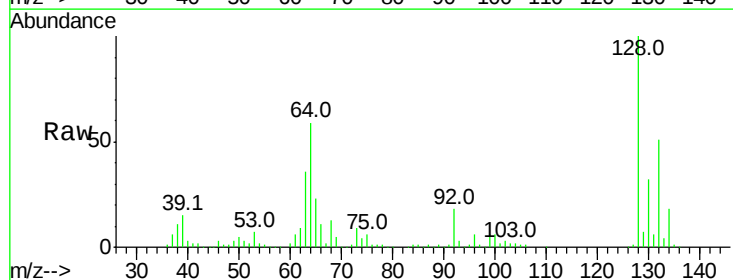
Tgt Ion: 128 Resp: 576129

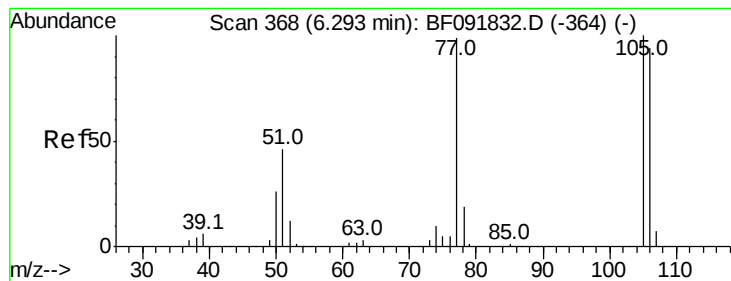
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 59.1 32.2 72.2





#9

Benzaldehyde

Concen: 4.48 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampled :

PB95719BS

Tot Ion: 77 Resp: 54481

Ion Ratio Lower Upper

77 100

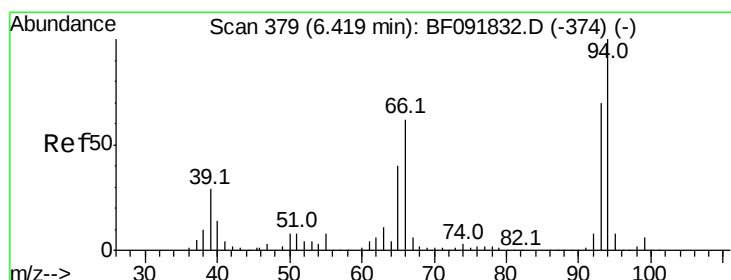
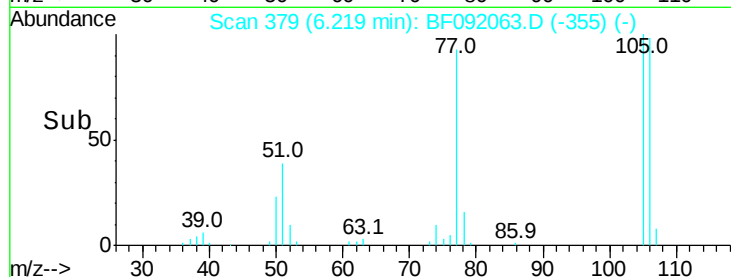
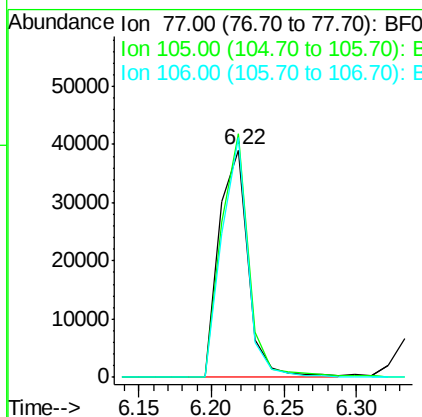
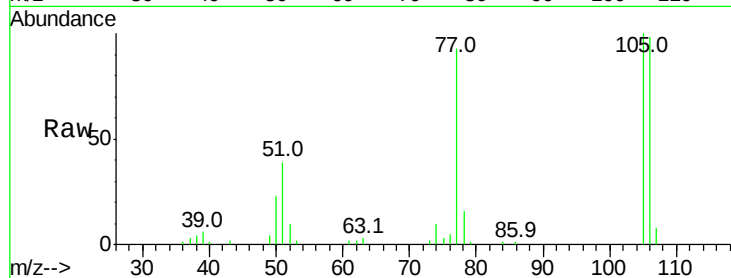
105 107.0 83.9 123.9

106 105.3 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 50.55 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

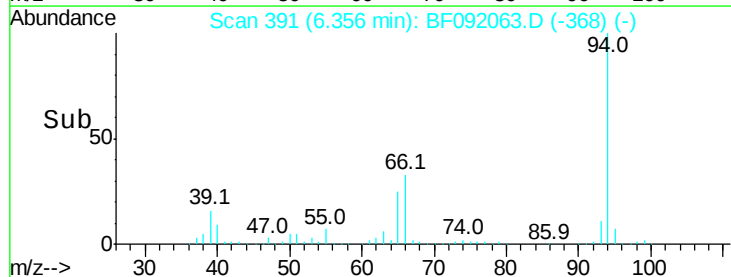
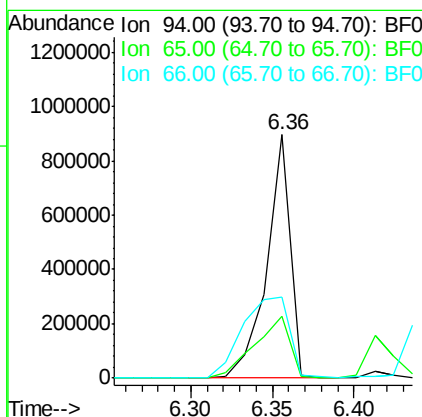
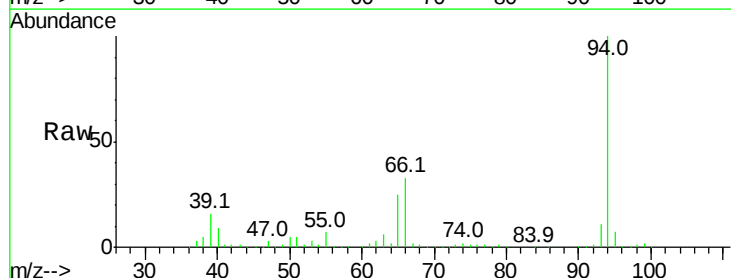
Tgt Ion: 94 Resp: 898407

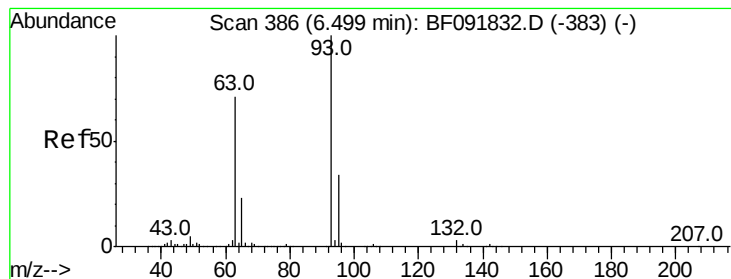
Ion Ratio Lower Upper

94 100

65 25.2 21.4 61.4

66 33.2 44.0 84.0#





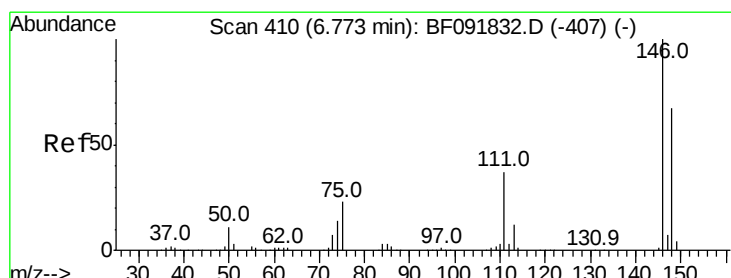
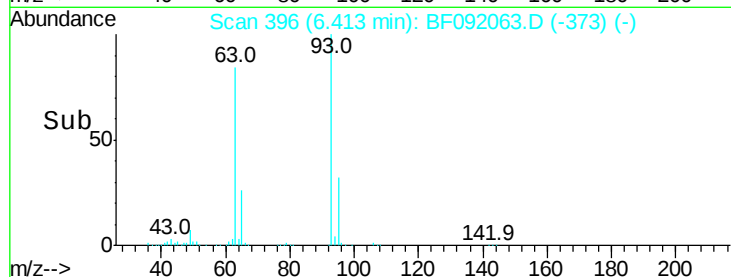
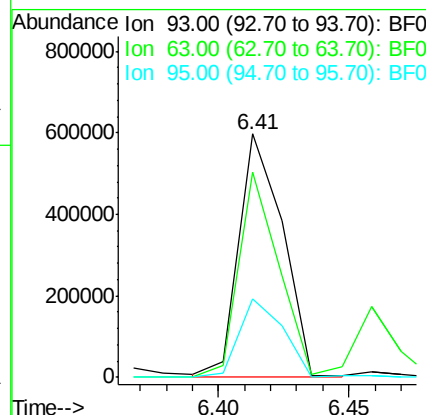
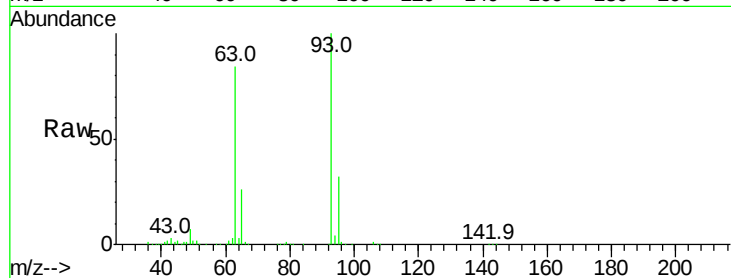
#11
bis(2-Chloroethyl)ether
Concen: 50.00 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	60.4	100.4
95	32.1	12.8	52.8

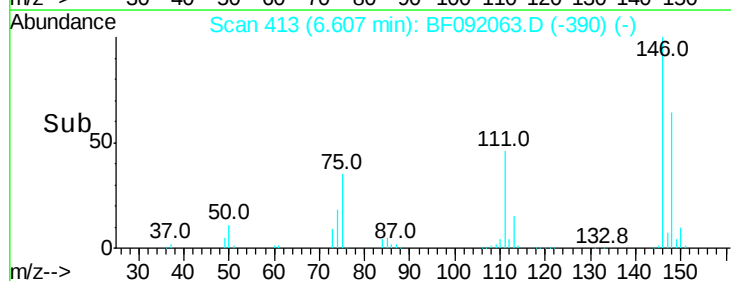
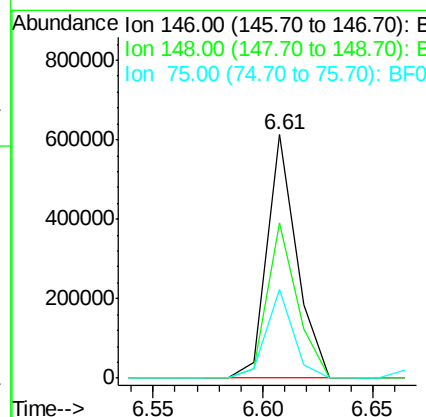
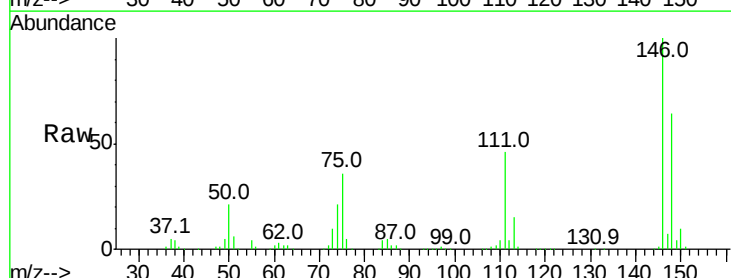
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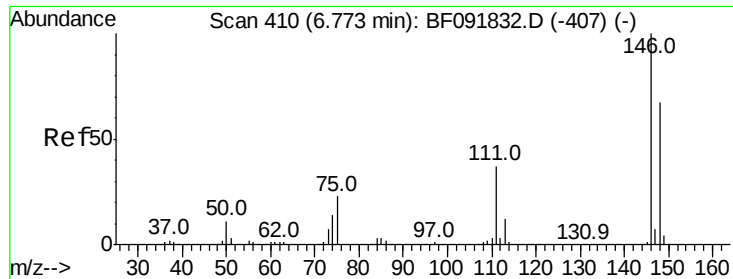
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.05 ng m
RT: 6.61 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	36.3	18.5	27.7#





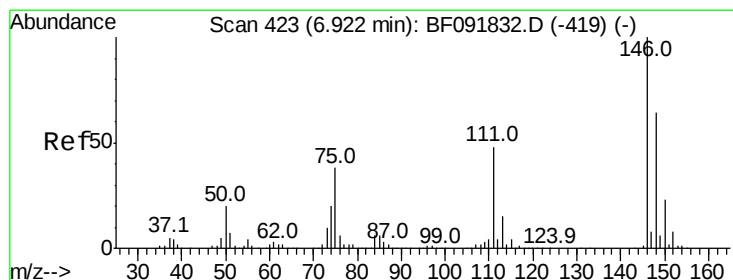
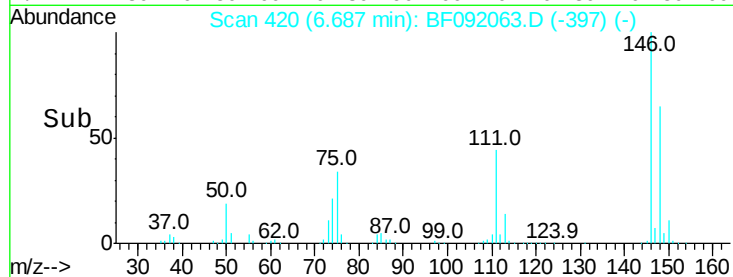
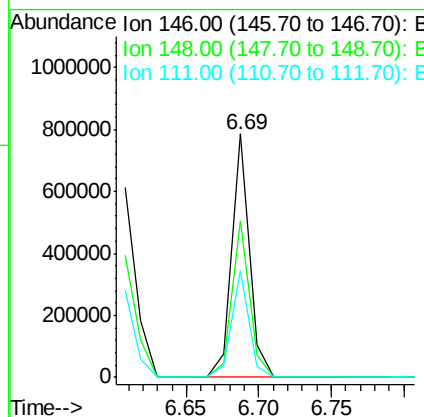
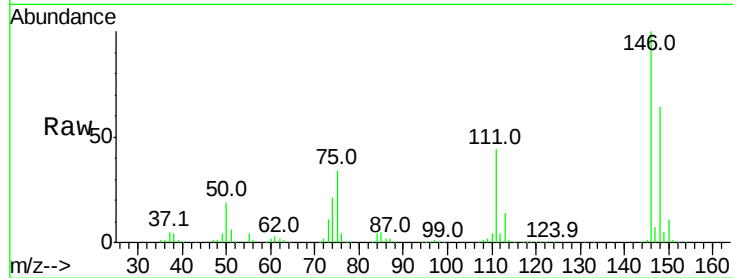
#13
1,4-Dichlorobenzene
Concen: 42.01 ng
RT: 6.69 min Scan# 420
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	44.0	36.2	54.4

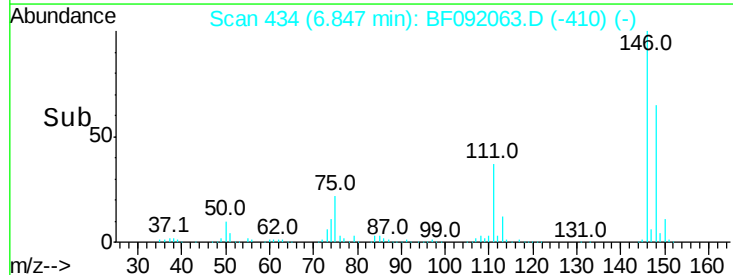
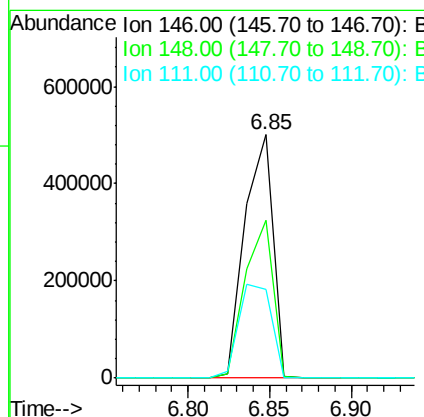
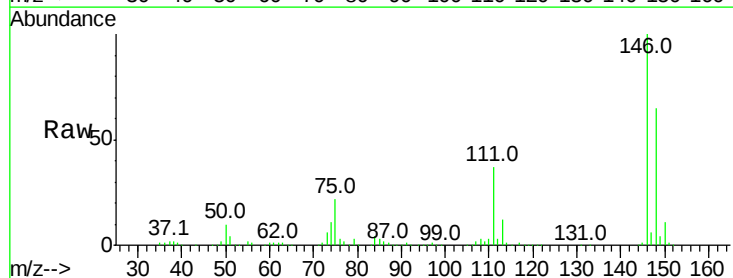
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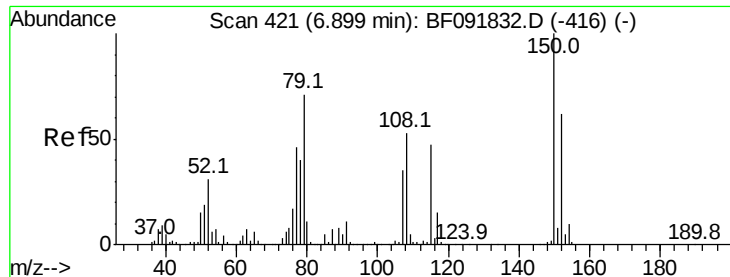
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#14
1,2-Dichlorobenzene
Concen: 43.66 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	36.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.09 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

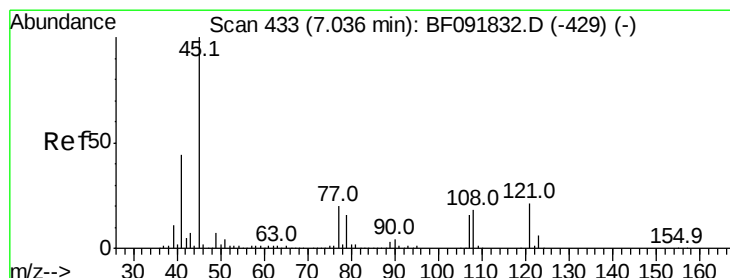
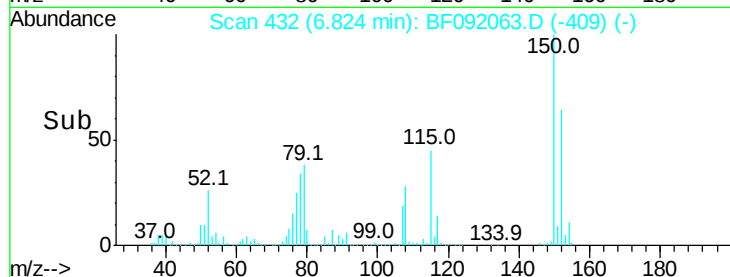
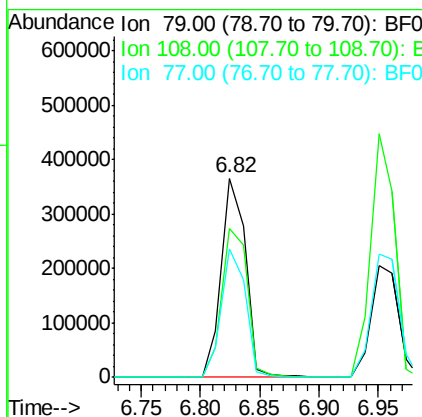
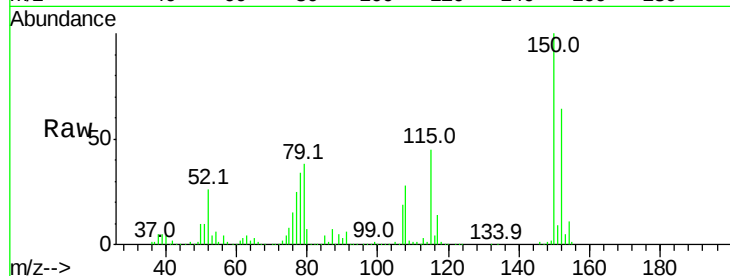
ClientSampleID :

PB95719BS

Tot Ion:	79	Resp:	522173
Ion Ratio	Lower	Upper	
79	100		
108	74.7	61.4	92.0
77	64.5	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.12 ng

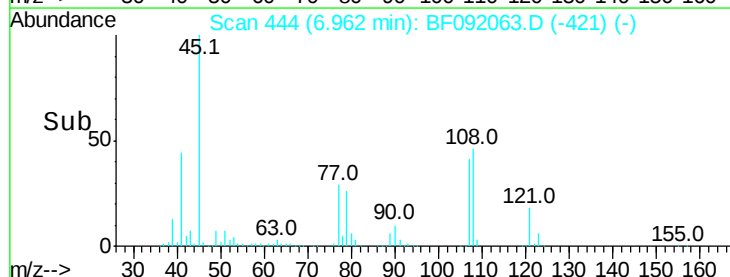
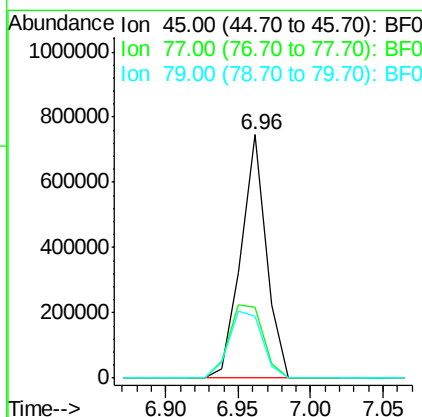
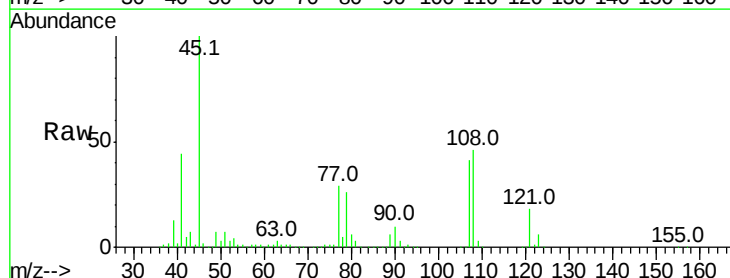
RT: 6.96 min Scan# 444

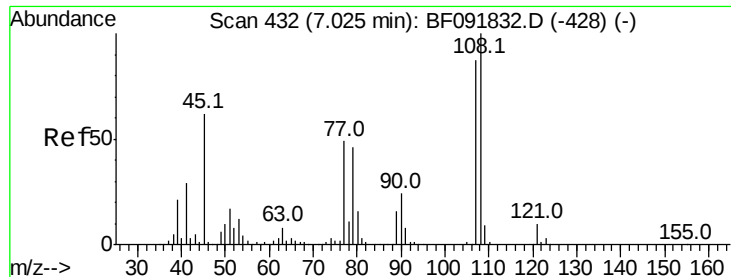
Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion:	45	Resp:	908135
Ion Ratio	Lower	Upper	
45	100		
77	29.1	0.0	34.6
79	25.5	0.0	31.2





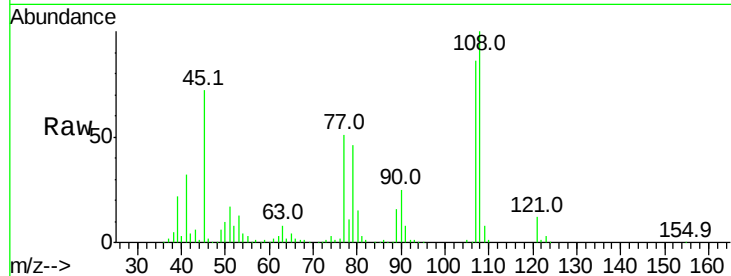
#17
2-Methylphenol
Concen: 47.28 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampled :
PB95719BS

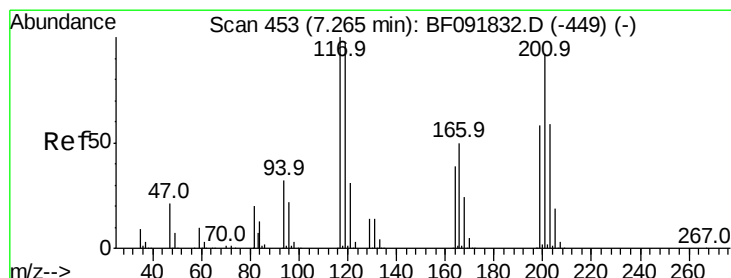
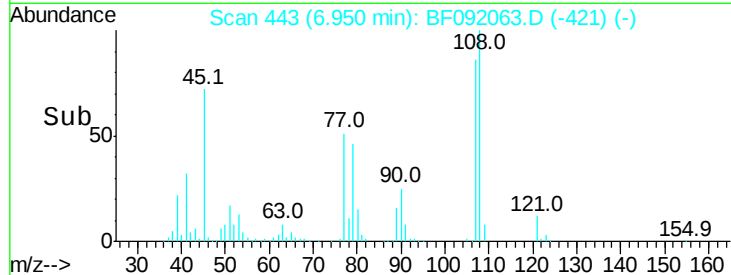
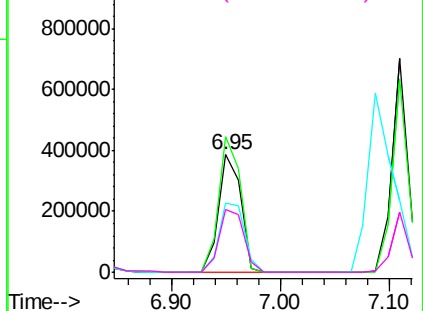
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	93.0	139.6	
77	58.8	39.8	59.8	
79	53.5	38.0	57.0	

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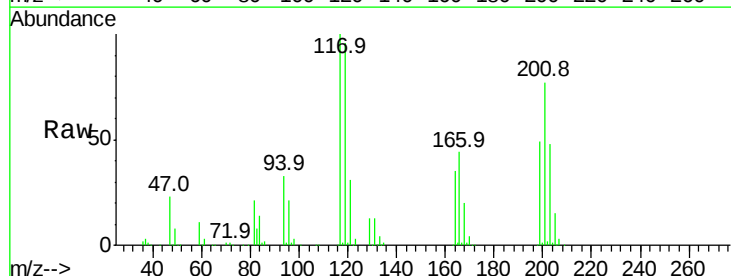


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.30): BF0
Ion 79.00 (78.70 to 79.30): BF0

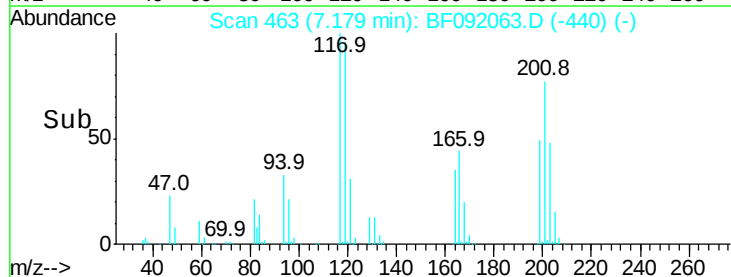
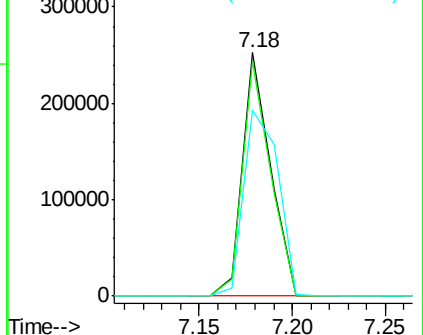


#18
Hexachloroethane
Concen: 44.83 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.1	117.1	
201	76.5	78.6	117.8#	



Abundance Ion 117.00 (116.70 to 117.30): E
Ion 119.00 (118.70 to 119.30): E
Ion 201.00 (200.70 to 201.30): E





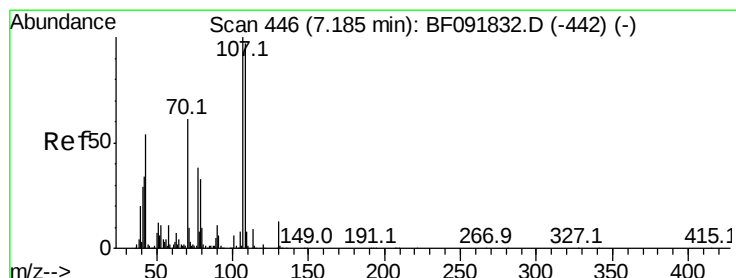
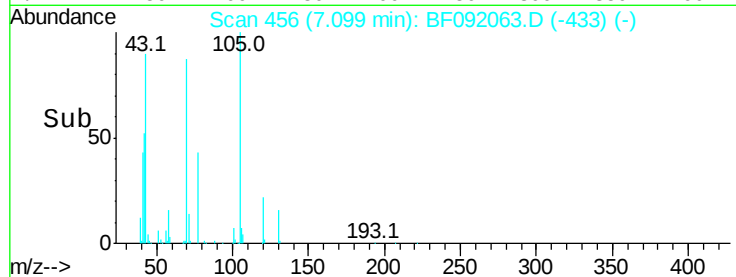
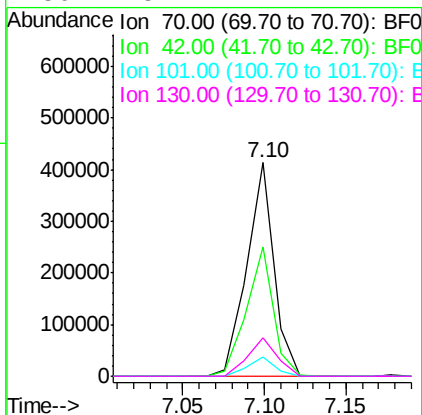
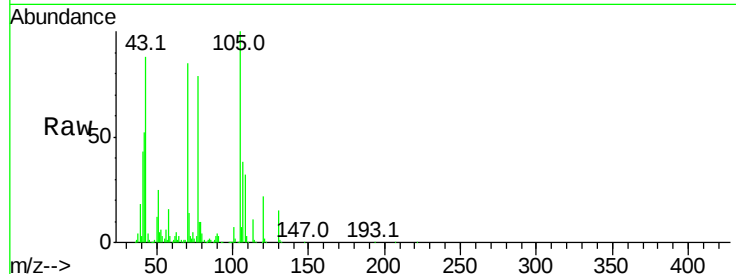
#19
n-Nitroso-di-n-propylamine
Concen: 45.85 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.7	49.4	74.0	
101	8.8	7.4	11.2	
130	18.1	14.2	21.4	

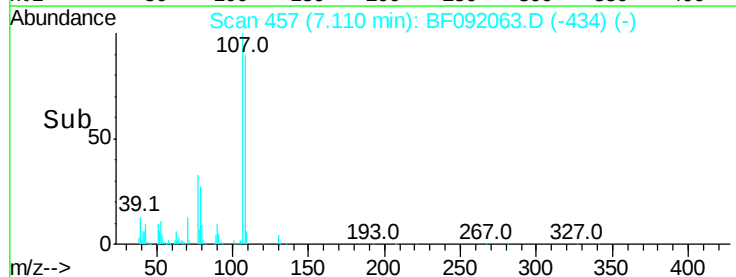
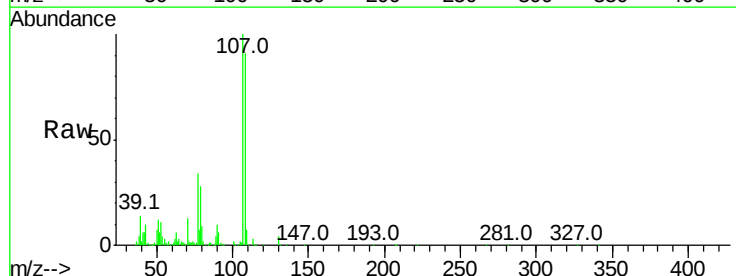
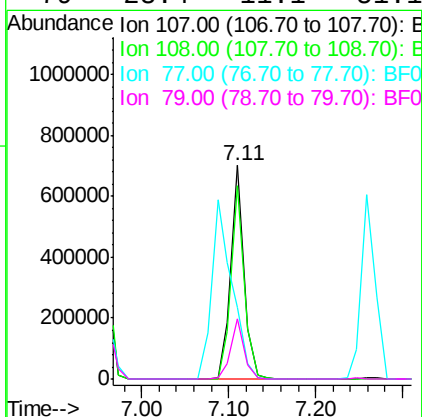
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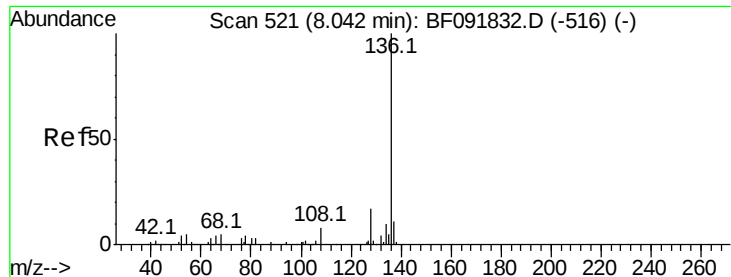
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#20
3+4-Methylphenols
Concen: 53.12 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	73.0	113.0	
77	33.9	71.3	111.3#	
79	28.4	11.1	51.1	





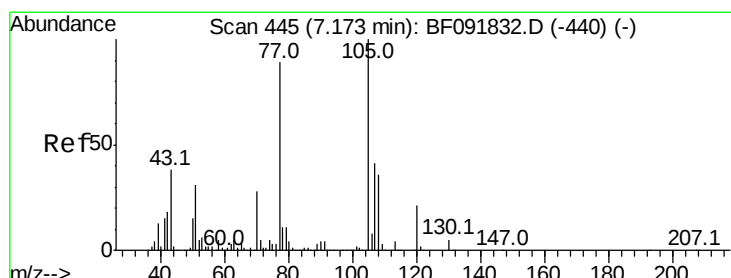
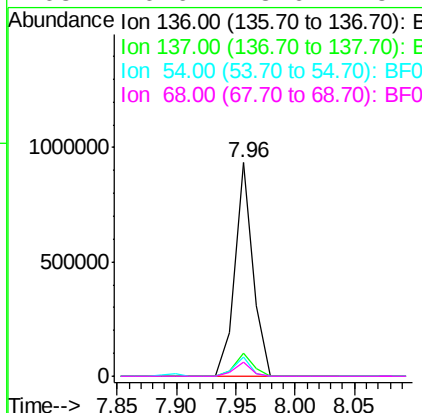
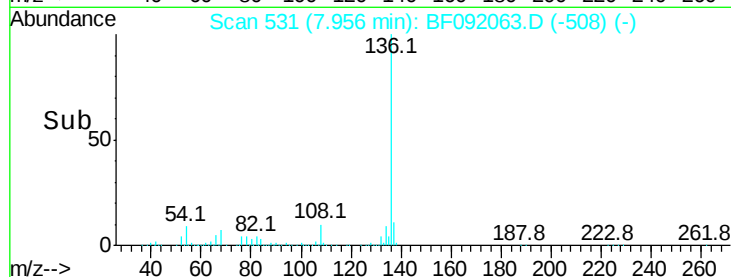
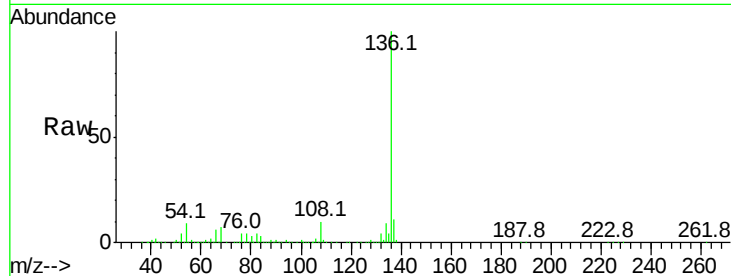
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.8	4.5	6.7#
68	6.6	3.6	5.4#

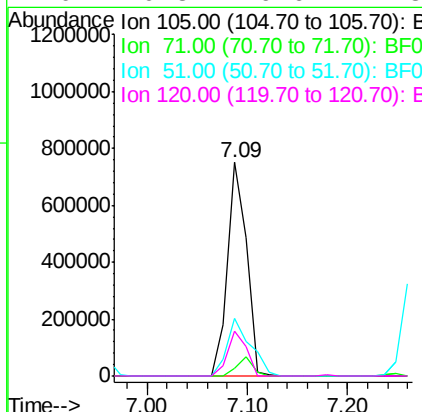
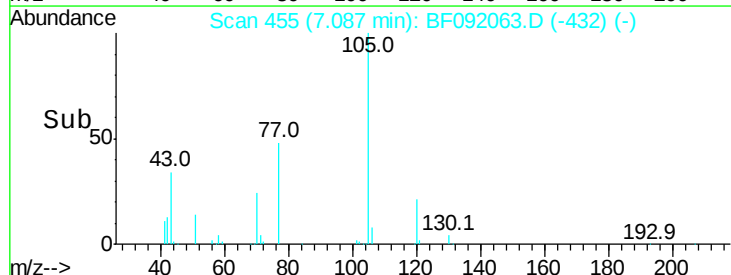
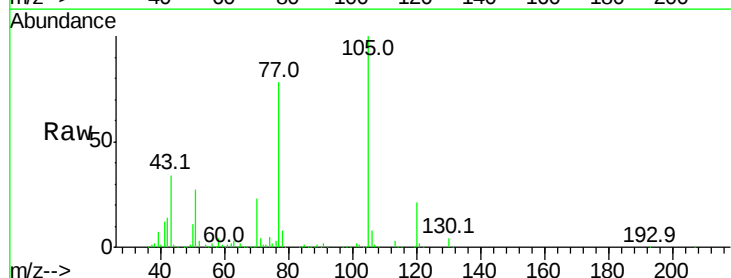
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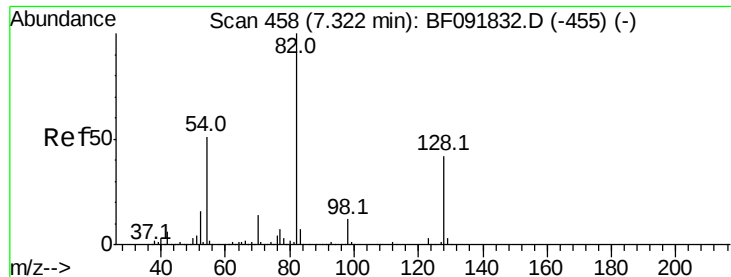
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#22
Acetophenone
Concen: 40.52 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.9	3.2	4.8
51	26.7	26.2	39.4
120	20.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 82.21 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

PB95719BS

Tot Ion: 82 Resp: 1456644

Ion Ratio Lower Upper

82 100

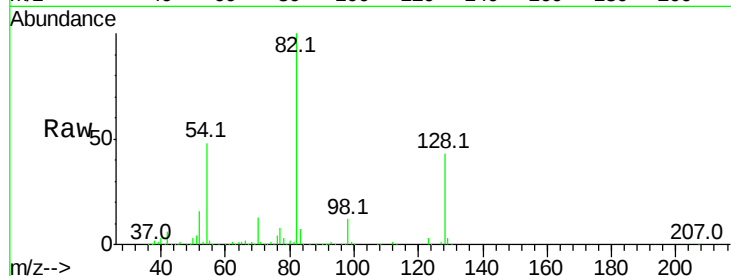
128 43.5 34.6 52.0

54 47.8 39.5 59.3

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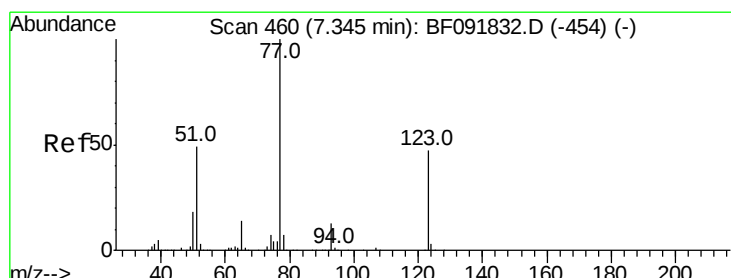
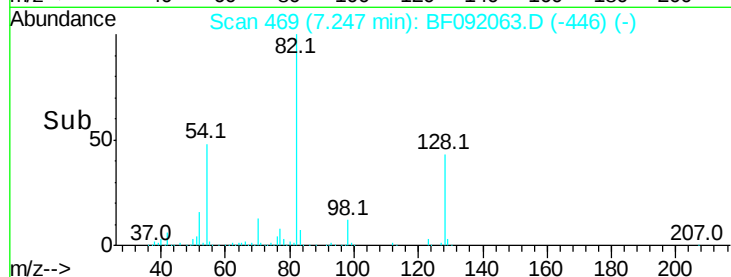
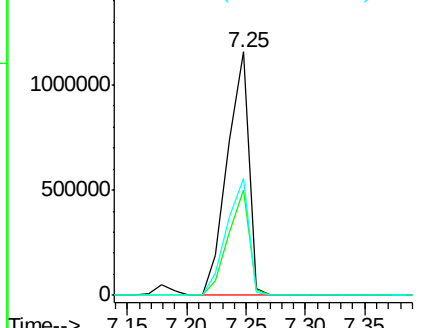
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.72 ng

RT: 7.26 min Scan# 470

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

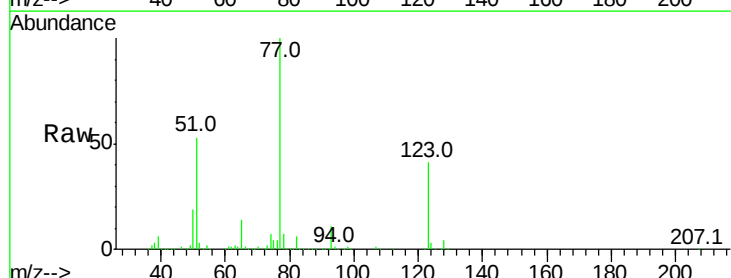
Tgt Ion: 77 Resp: 674069

Ion Ratio Lower Upper

77 100

123 40.8 33.0 49.4

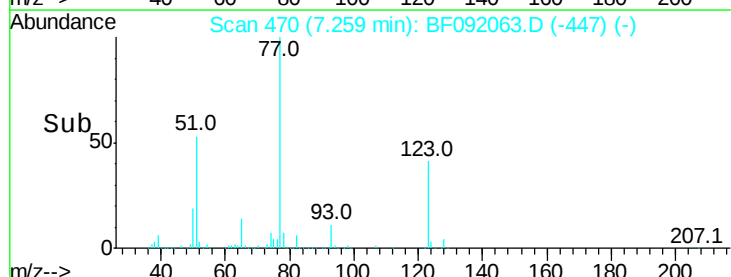
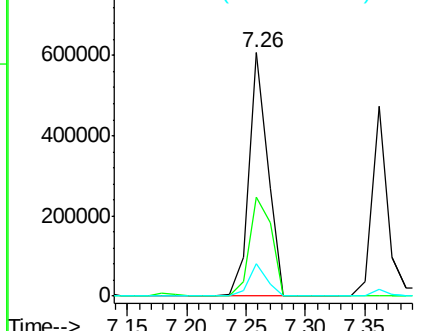
65 13.6 11.2 16.8

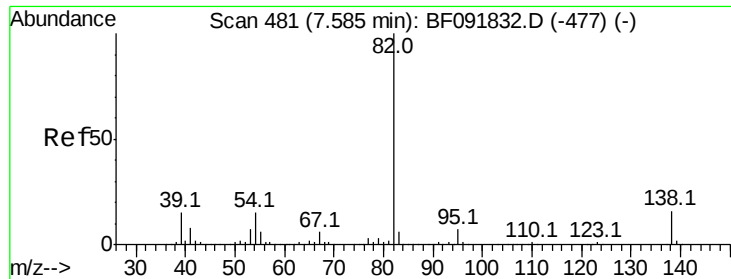


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.56 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampled :

PB95719BS

Tot Ion: 82 Resp: 1489395

Ion Ratio Lower Upper

82 100

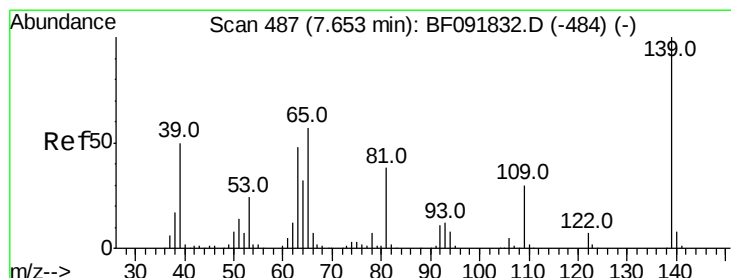
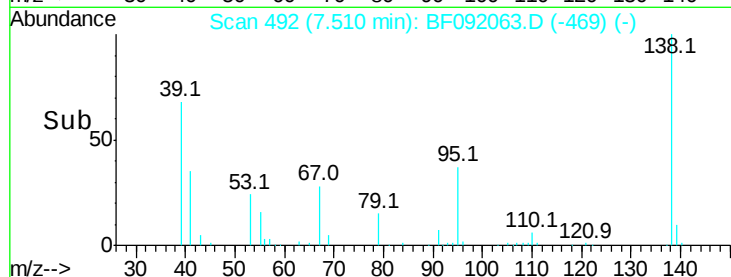
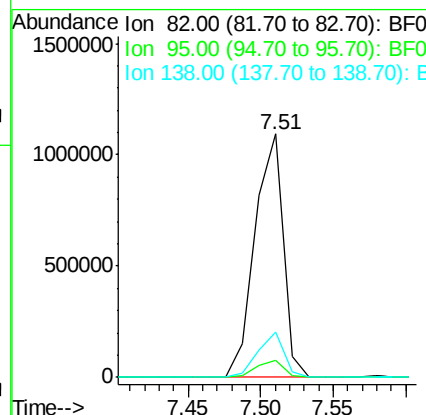
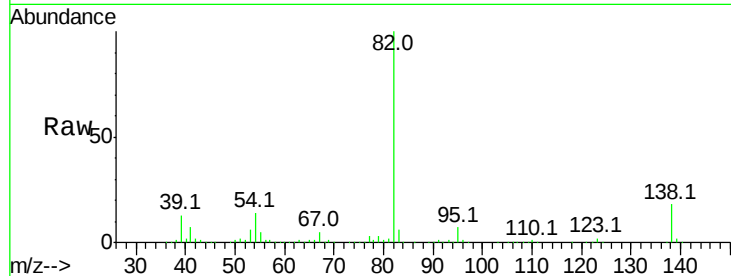
95 6.7 5.6 8.4

138 18.4 14.6 22.0

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#26

2-Nitrophenol

Concen: 42.02 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

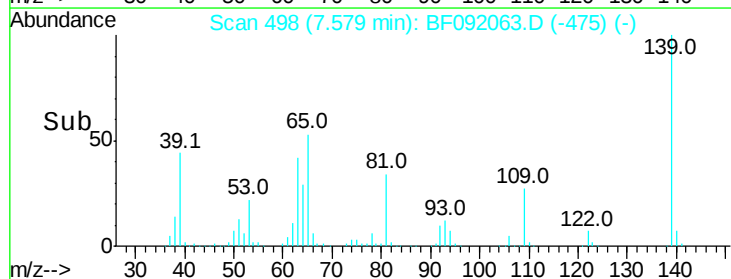
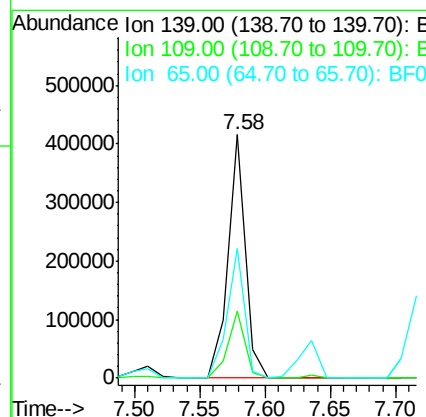
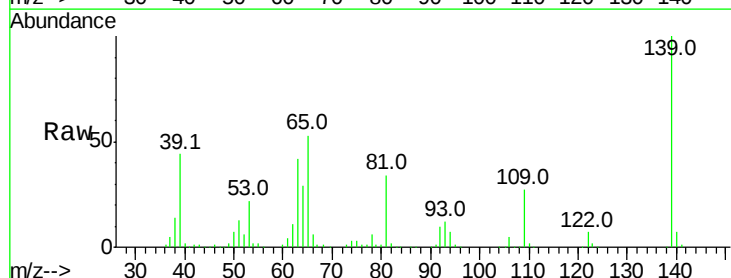
Tgt Ion: 139 Resp: 391057

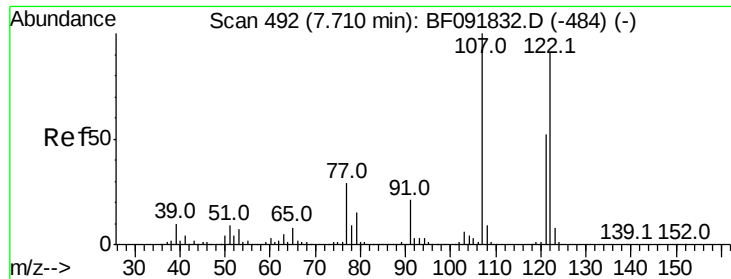
Ion Ratio Lower Upper

139 100

109 27.3 23.3 34.9

65 53.1 42.7 64.1





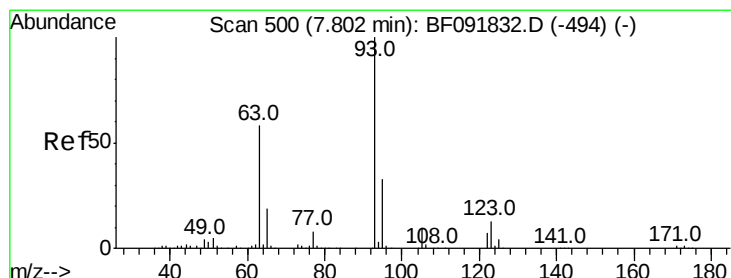
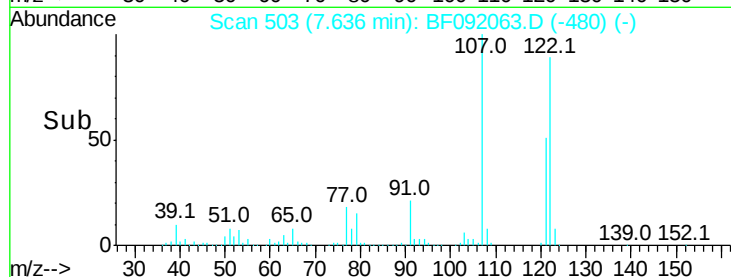
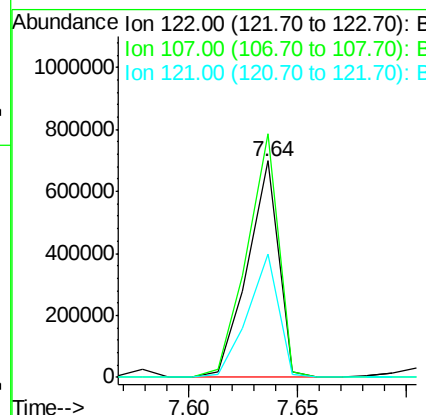
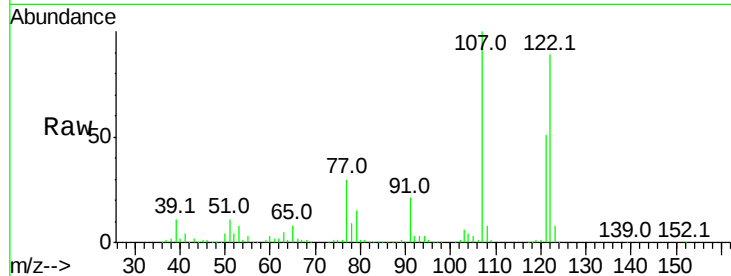
#27
 2,4-Dimethylphenol
 Concen: 45.14 ng
 RT: 7.64 min Scan# 503
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	94.1	141.1
121	57.1	46.0	69.0

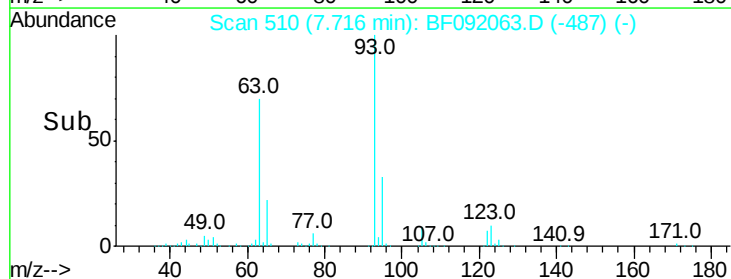
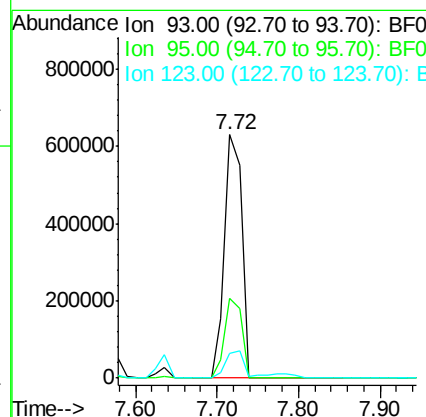
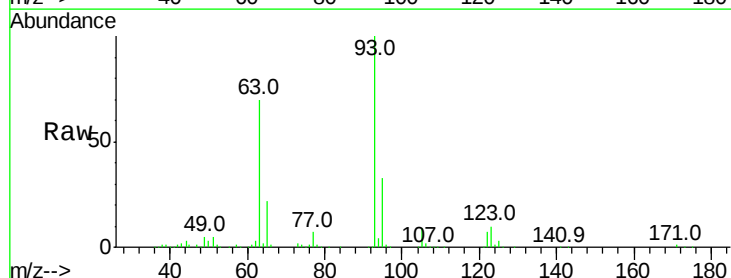
Manual Integrations
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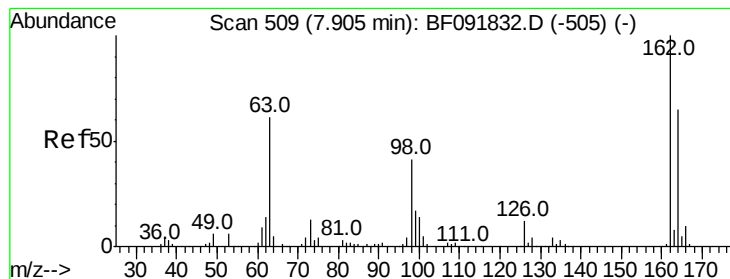
Sohil
 1/4/2017 2:05:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.54 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.1	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 46.78 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

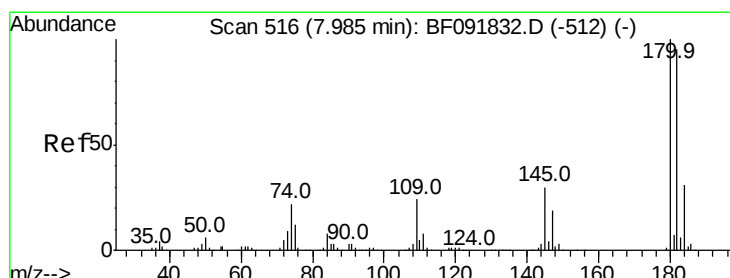
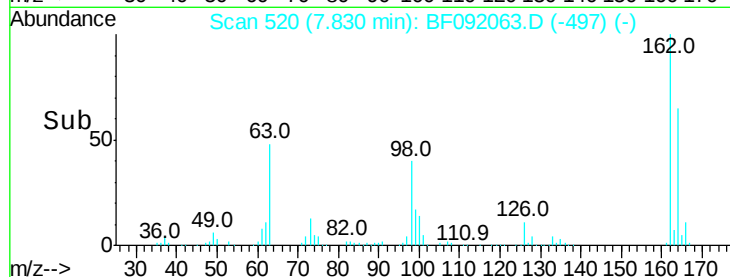
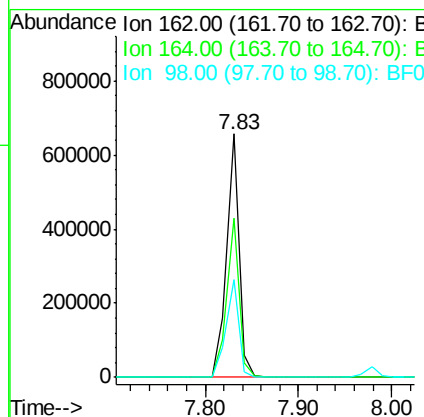
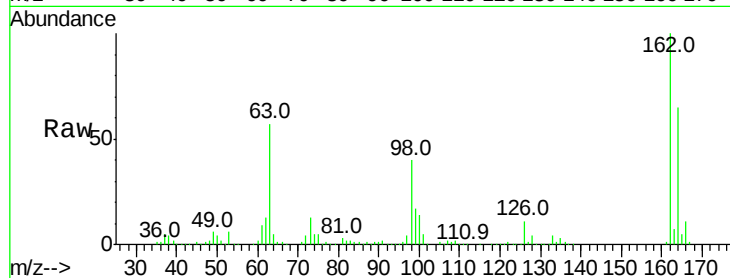
ClientSampleId :

PB95719BS

Tot Ion:	162	Resp:	611379
Ion Ratio	Lower	Upper	
162	100		
164	65.2	46.8	86.8
98	40.0	9.1	49.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 41.86 ng

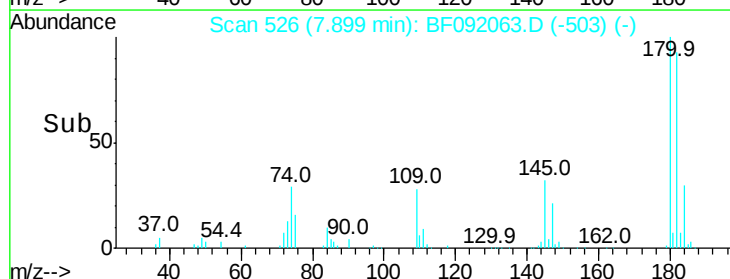
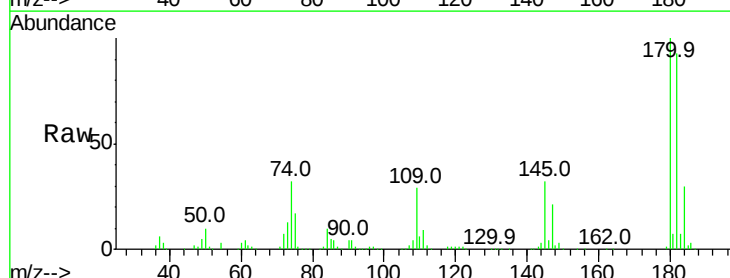
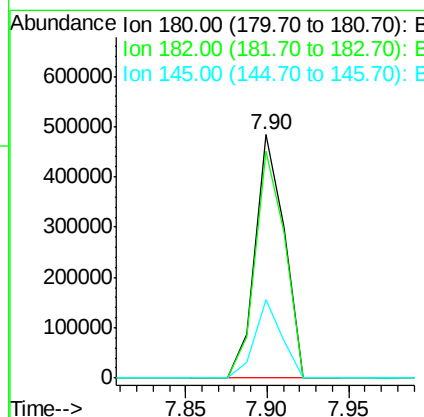
RT: 7.90 min Scan# 526

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion:	180	Resp:	599483
Ion Ratio	Lower	Upper	
180	100		
182	93.4	78.2	117.4
145	32.3	21.6	32.4





#31

Naphthalene

Concen: 42.08 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleID :

PB95719BS

Tot Ion:128 Resp: 1897361

Ion Ratio Lower Upper

128 100

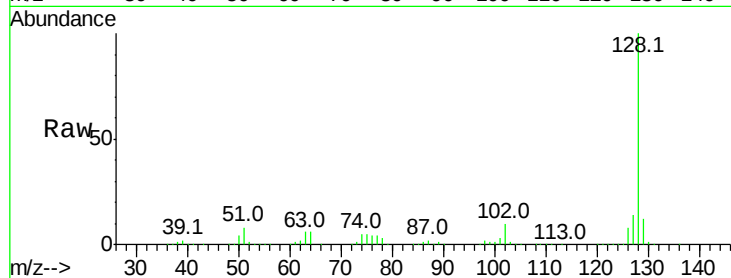
129 11.8 9.5 14.3

127 13.7 10.8 16.2

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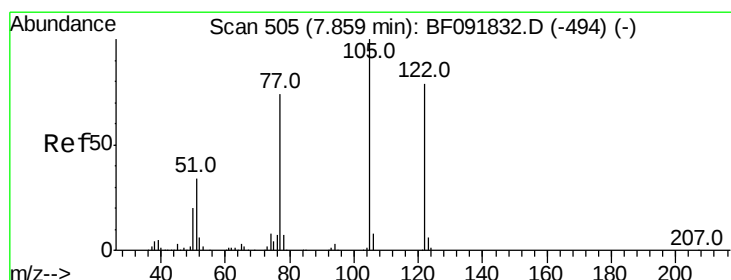
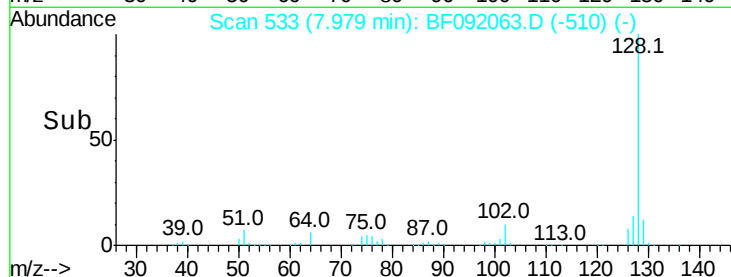
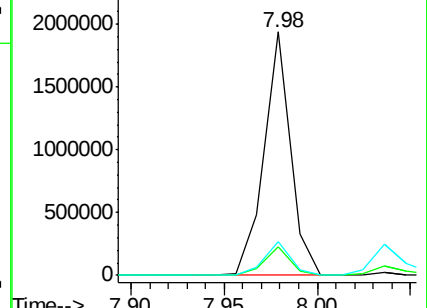
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.20 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

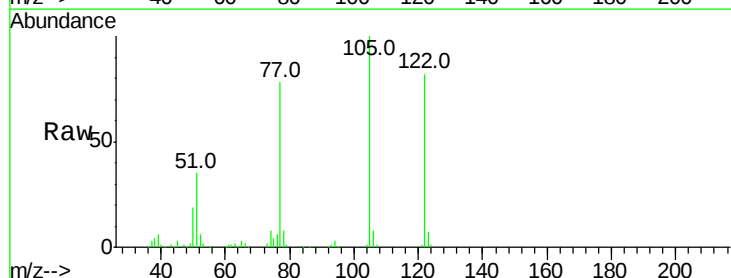
Tgt Ion:122 Resp: 517516

Ion Ratio Lower Upper

122 100

105 122.1 107.2 147.2

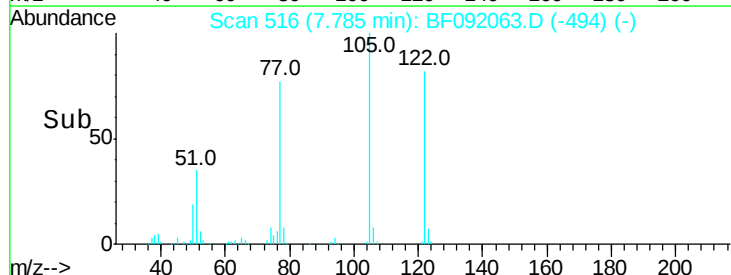
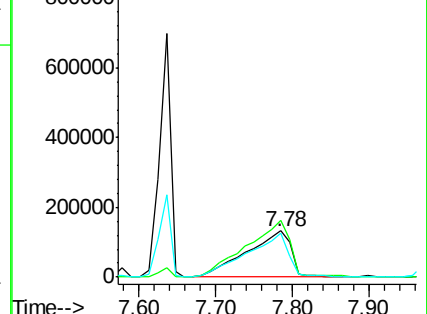
77 94.8 74.5 114.5

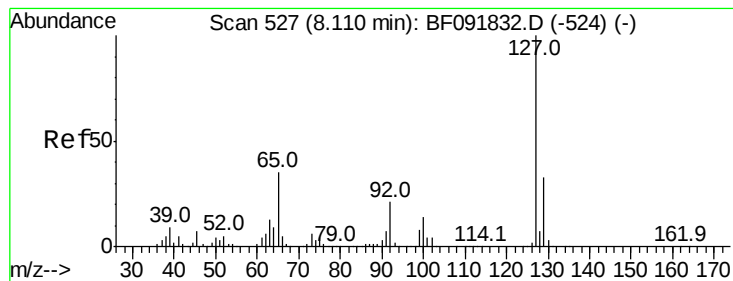


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 15.03 ng

RT: 8.04 min Scan# 538

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

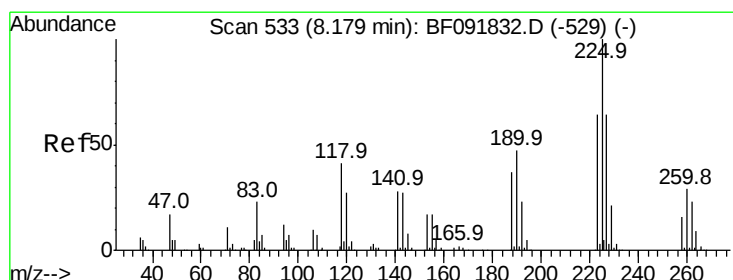
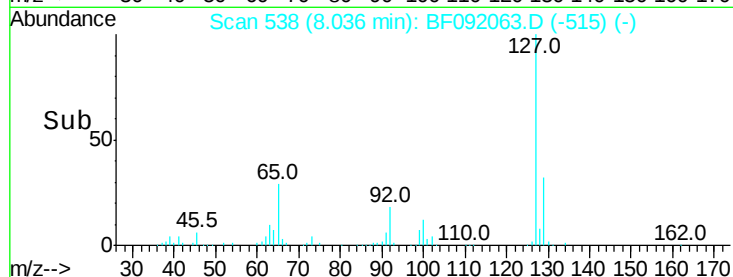
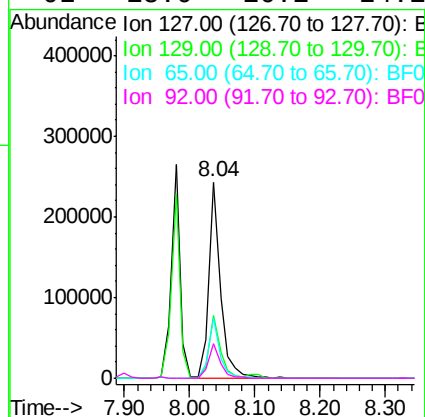
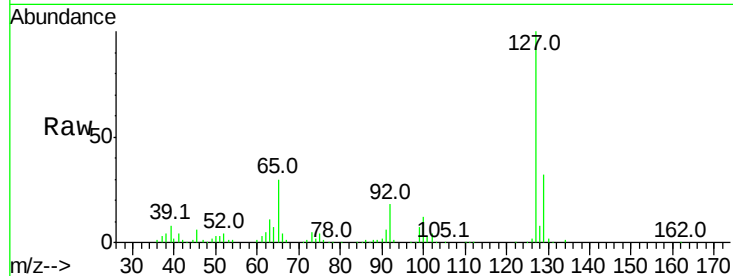
ClientSampleId :

PB95719BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.3	39.5		
65	30.4	25.8	38.8		
92	18.0	16.1	24.1		

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 44.67 ng

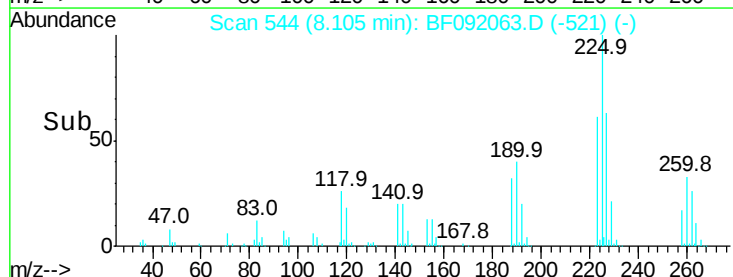
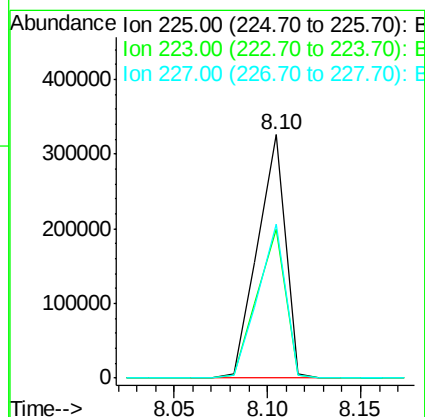
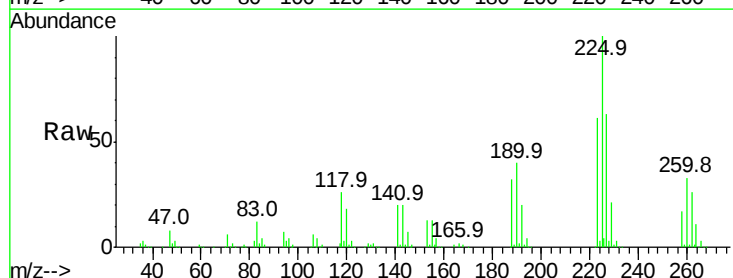
RT: 8.10 min Scan# 544

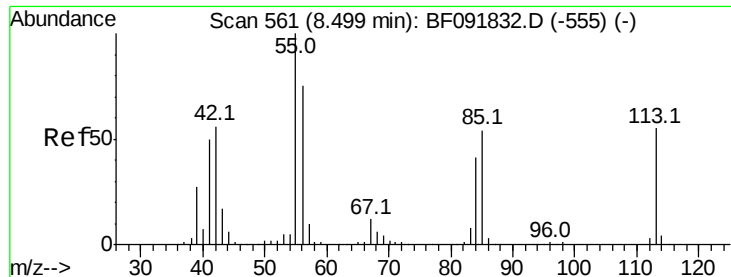
Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	51.0	76.6		
227	63.3	50.6	76.0		





#35

Caprolactam

Concen: 51.91 ng/mL

RT: 8.42 min Scan# 572

Delta R.T. -0.05 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleID :

PB95719BS

Tot Ion:113 Resp: 222946

Ion Ratio Lower Upper

113 100

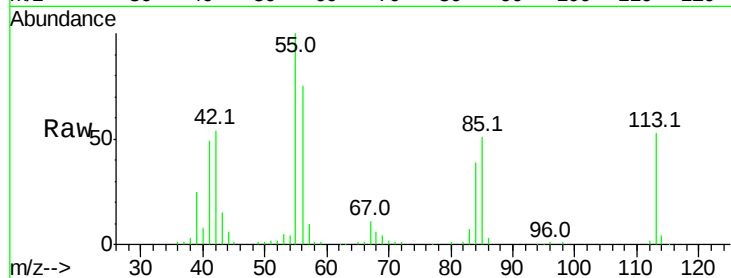
55 189.1 119.2 159.2#

56 142.4 83.8 123.8#

Manual Integrations
APPROVED

Sohil

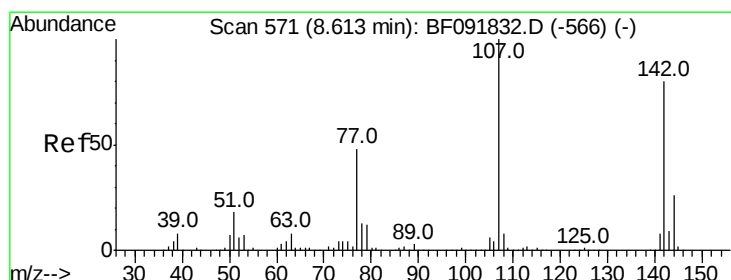
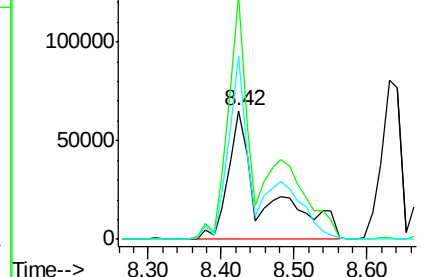
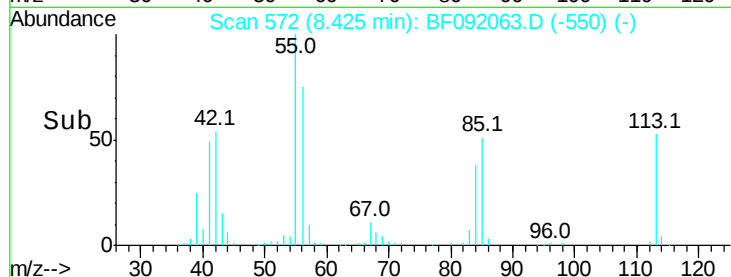
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.69 ng/mL

RT: 8.55 min Scan# 583

Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

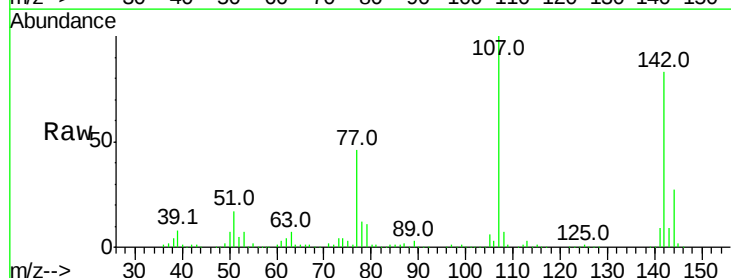
Tgt Ion:107 Resp: 717195

Ion Ratio Lower Upper

107 100

144 26.7 19.3 28.9

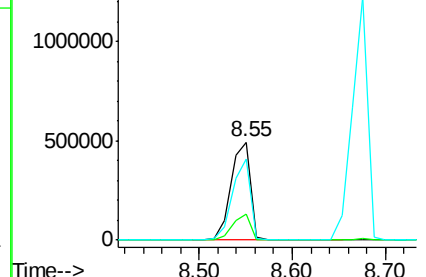
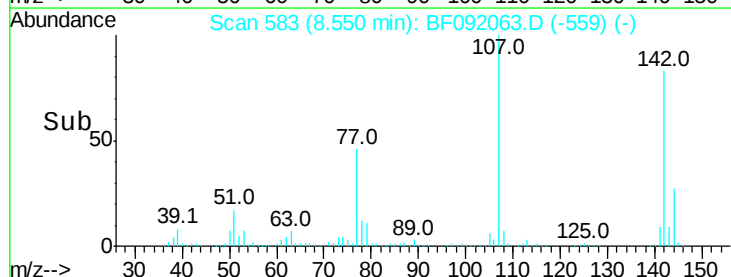
142 82.8 59.0 88.6

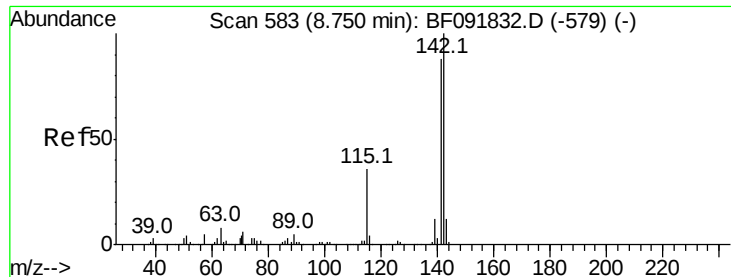


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





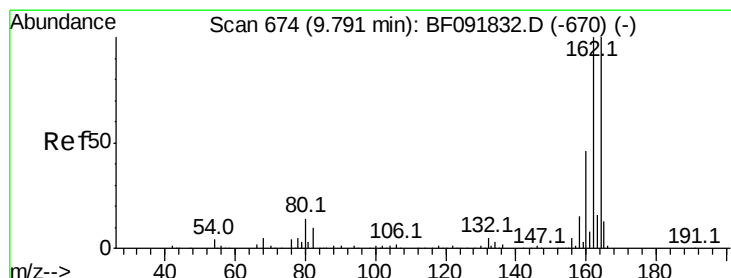
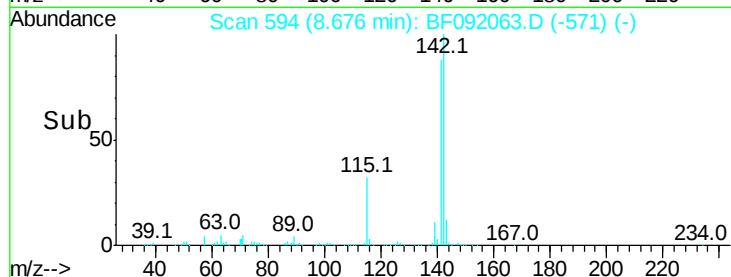
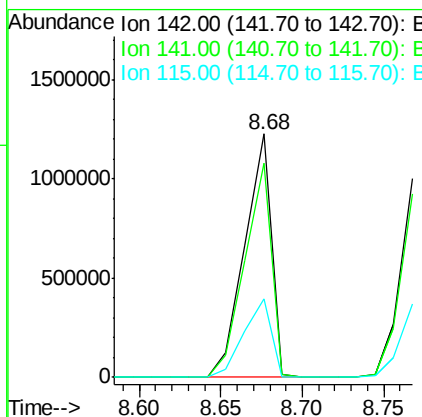
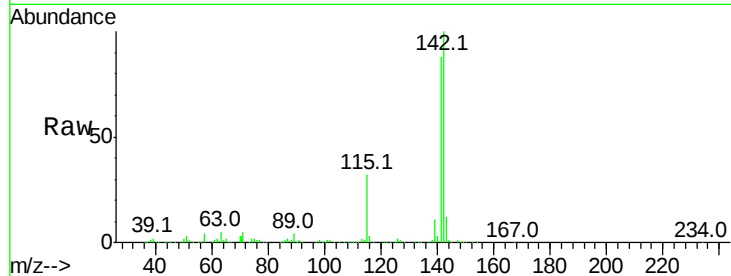
#37
2-Methylnaphthalene
Concen: 56.09 ng
RT: 8.68 min Scan# 594
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion:142 Resp: 1397201
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 32.0 28.3 42.5

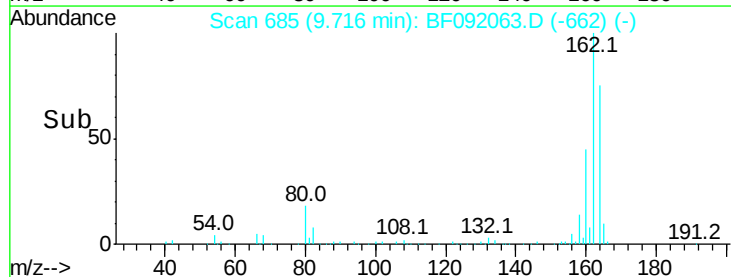
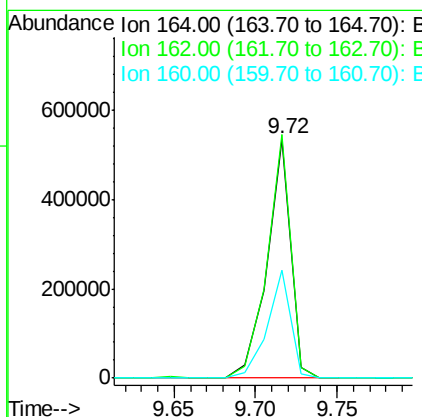
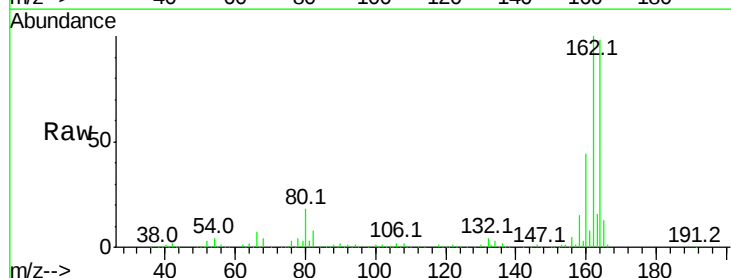
Manual Integrations
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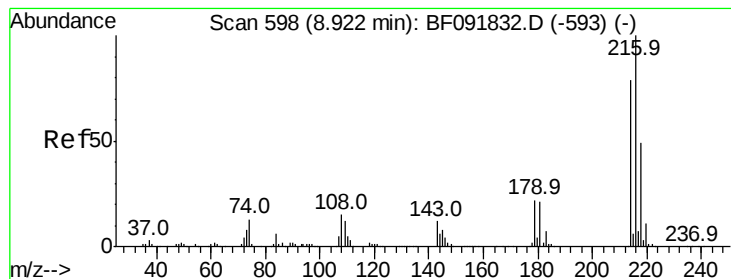
Sohil
1/4/2017 2:05:42 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion:164 Resp: 538251
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 44.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.35 ng

RT: 8.85 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF092063.D

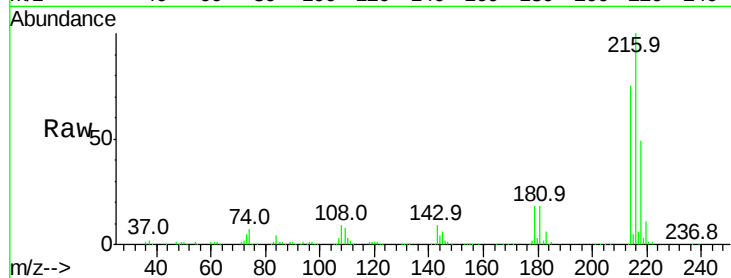
Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

PB95719BS



Tot Ion:216 Resp: 548671

Ion Ratio Lower Upper

216 100

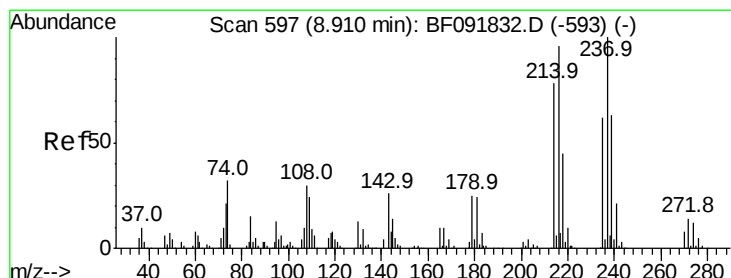
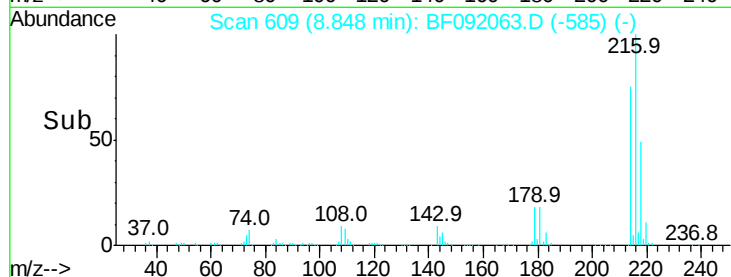
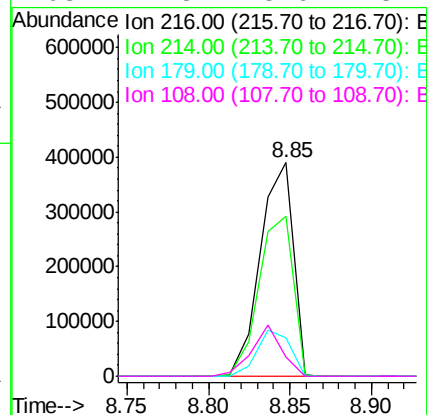
214 77.6 63.4 95.0

179 22.0 17.4 26.2

108 21.8 15.6 23.4

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 90.68 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

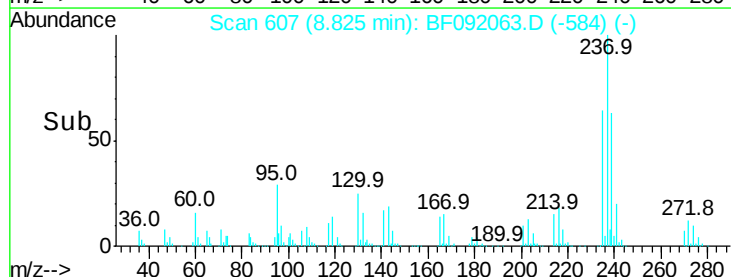
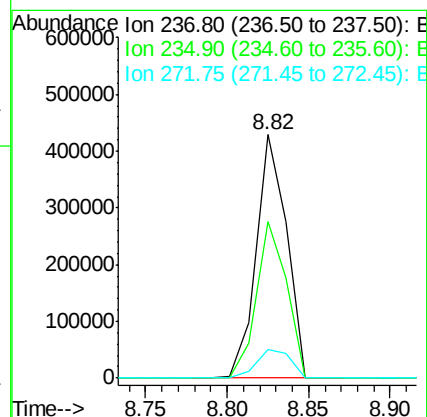
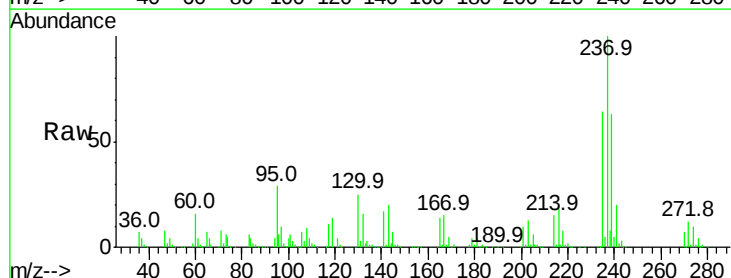
Tgt Ion:237 Resp: 552610

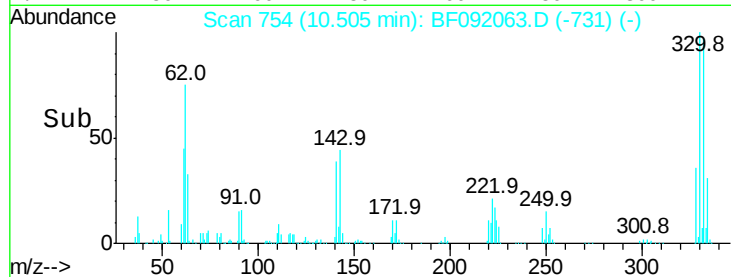
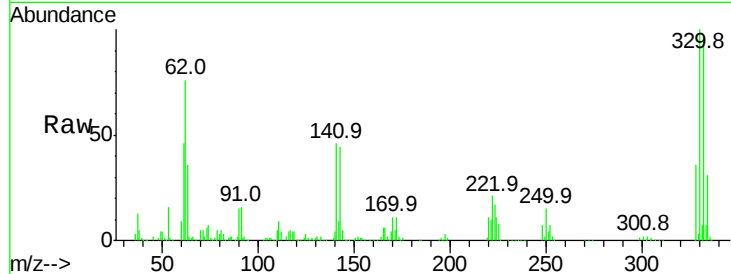
Ion Ratio Lower Upper

237 100

235 64.1 41.2 81.2

272 11.9 0.0 35.4





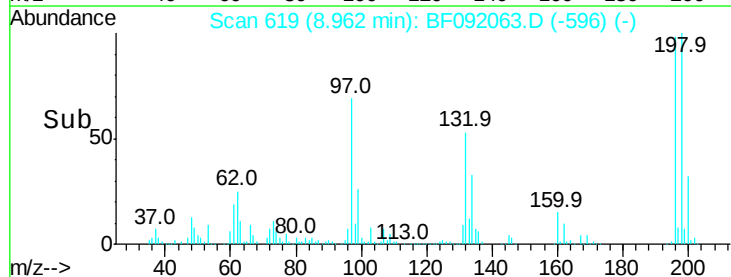
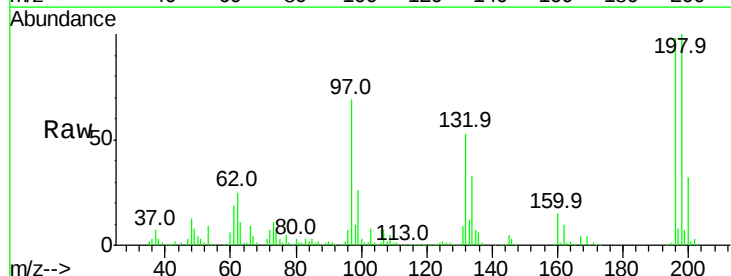
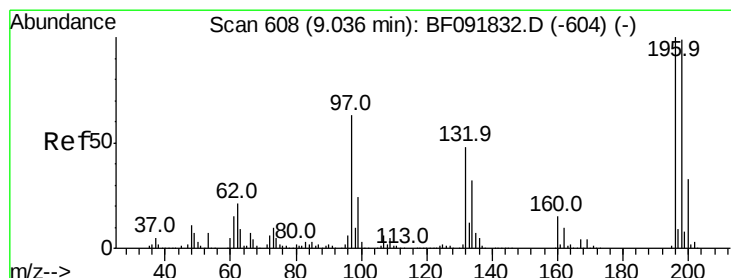
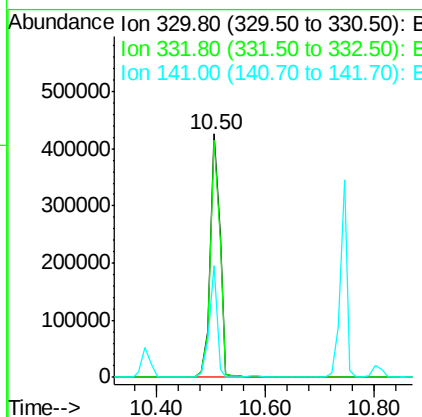
#41
2,4,6-Tribromophenol
Concen: 120.62 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tot Ion	Ratio	Resp	Lower	Upper
330	100	537297		
332	96.4		77.4	116.2
141	36.1		34.1	51.1

Instrument :
BNA_F
ClientSampleId :
PB95719BS

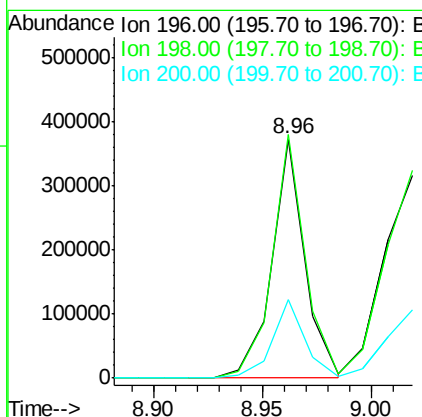
Manual Integrations
APPROVED

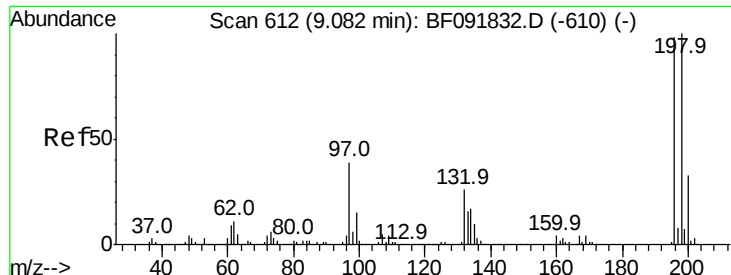
Sohil
1/4/2017 2:05:42 PM



#42
2,4,6-Trichlorophenol
Concen: 41.51 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	394756		
198	101.8		82.1	123.1
200	32.7		27.0	40.4





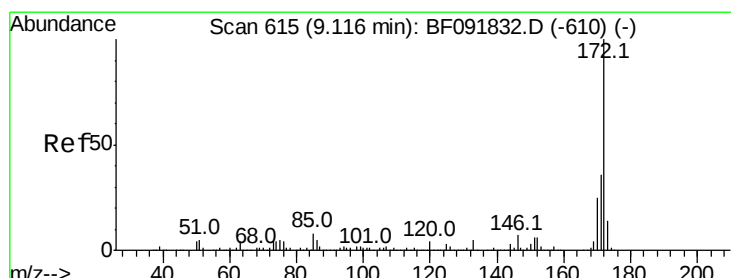
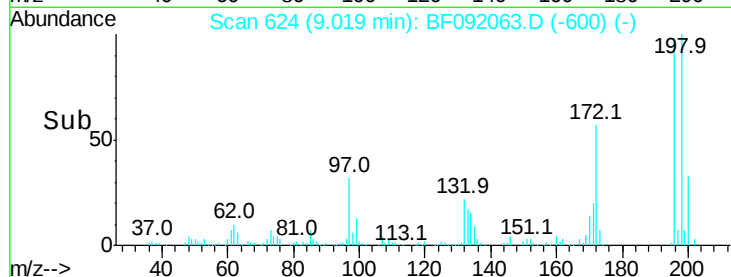
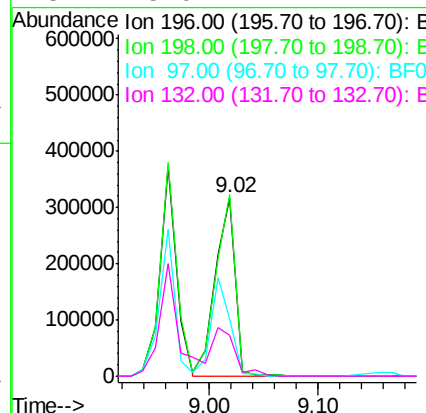
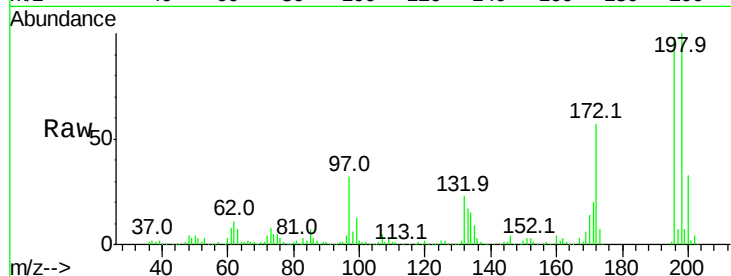
#43
 2,4,5-Trichlorophenol
 Concen: 41.52 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	406370		
198	102.3	79.4	119.2	
97	32.7	51.5	77.3	
132	23.0	27.4	41.2	

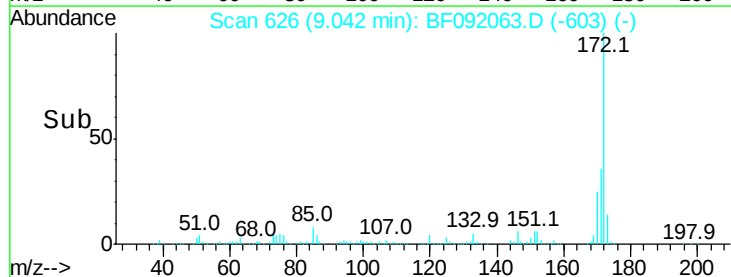
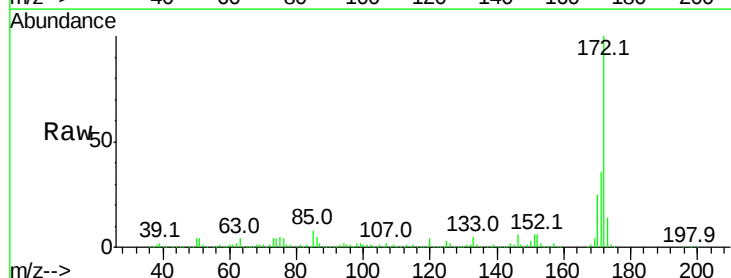
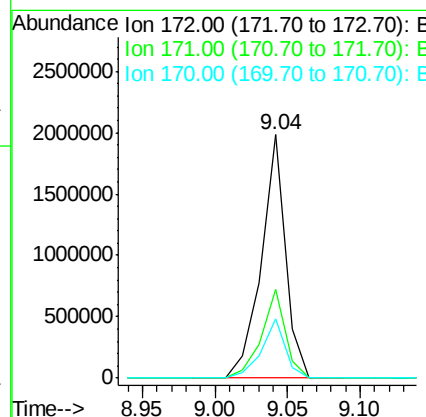
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2294050		
171	36.3	29.4	44.0	
170	24.6	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 46.29 ng

RT: 9.14 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

PB95719BS

Tot Ion:154 Resp: 1706173

Ion Ratio Lower Upper

154 100

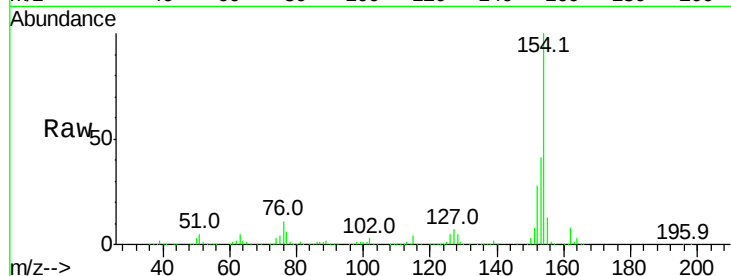
153 40.7 20.9 60.9

76 10.6 0.0 30.5

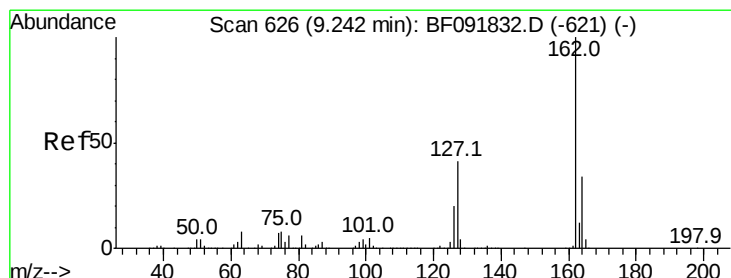
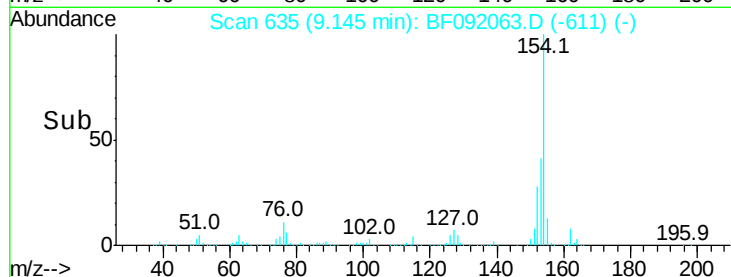
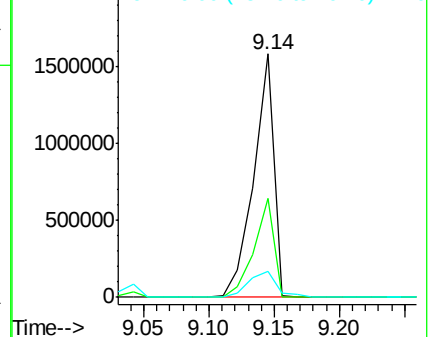
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.73 ng

RT: 9.17 min Scan# 637

Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

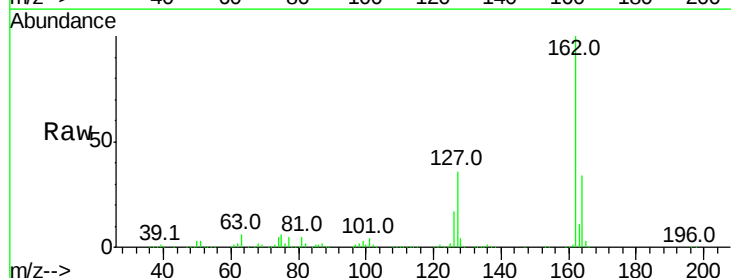
Tgt Ion:162 Resp: 1276447

Ion Ratio Lower Upper

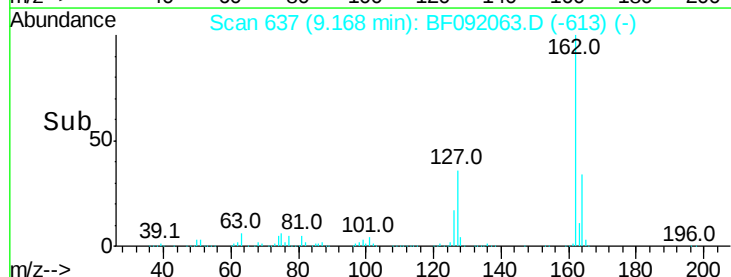
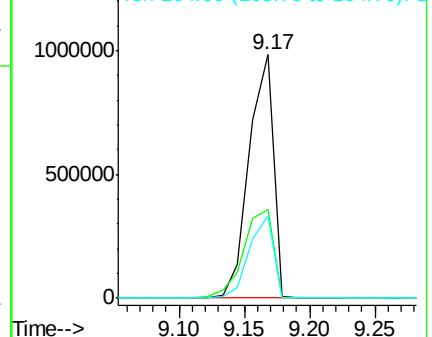
162 100

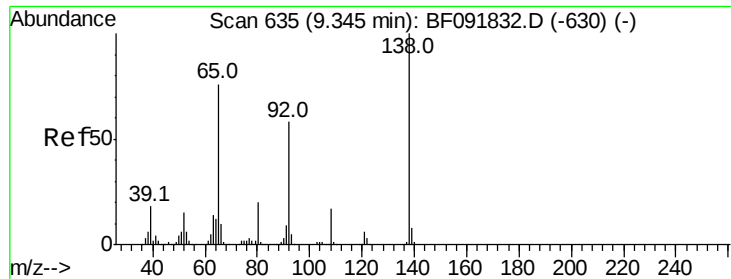
127 36.5 30.7 46.1

164 33.9 27.6 41.4



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





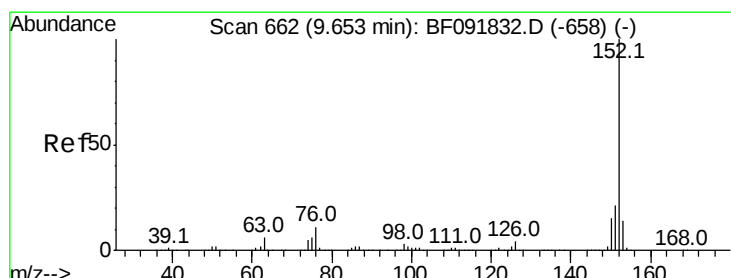
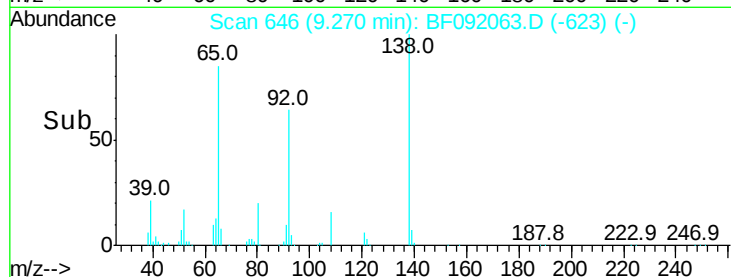
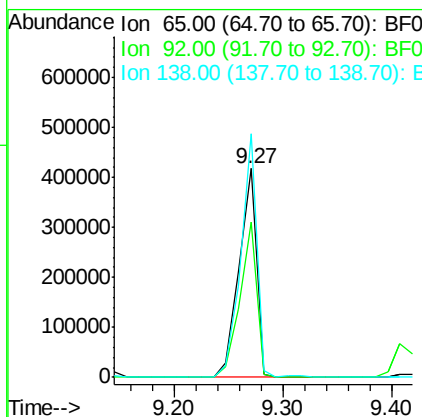
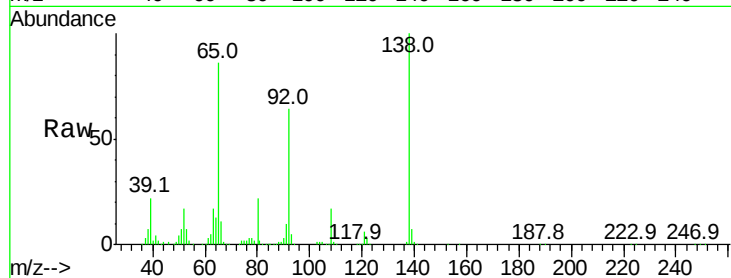
#47
2-Nitroaniline
Concen: 44.28 ng
RT: 9.27 min Scan# 646
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.9	80.9
138	116.5	76.8	115.2

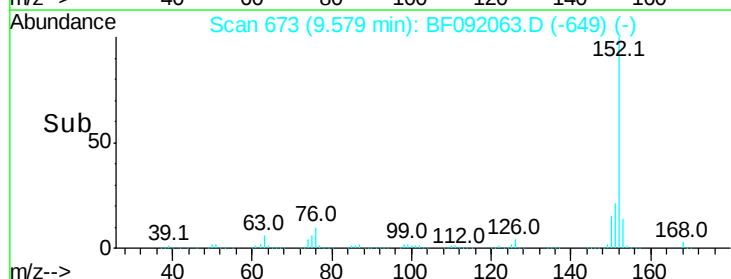
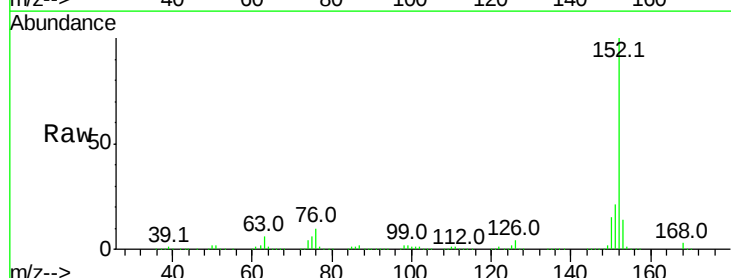
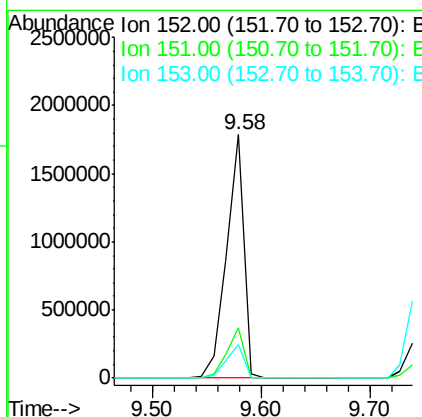
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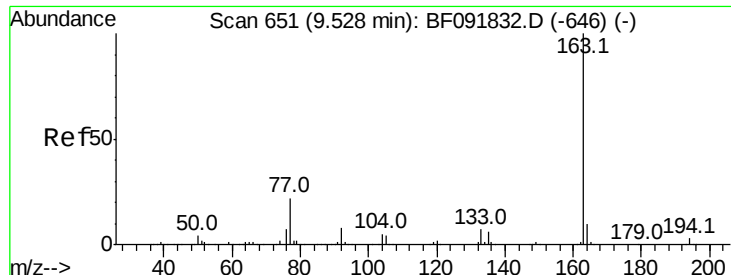
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#48
Acenaphthylene
Concen: 43.62 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.9	11.4	17.2





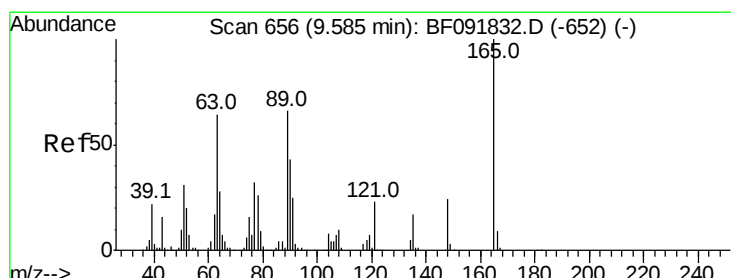
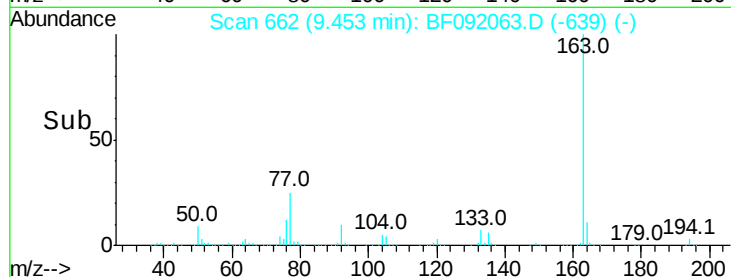
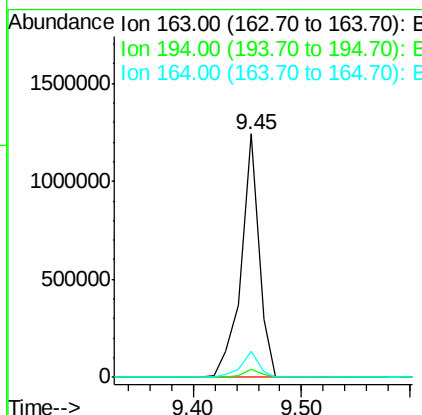
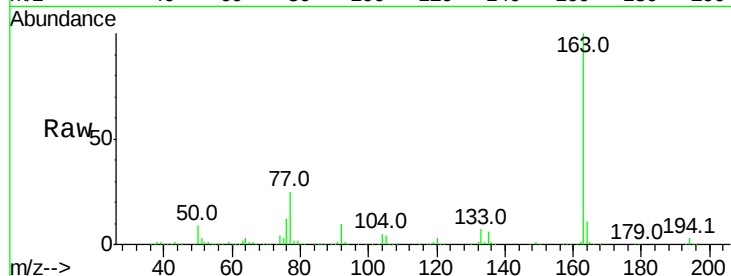
#49
Dimethylphthalate
Concen: 40.85 ng
RT: 9.45 min Scan# 662
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion:163 Resp: 1406276
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.8 8.0 12.0

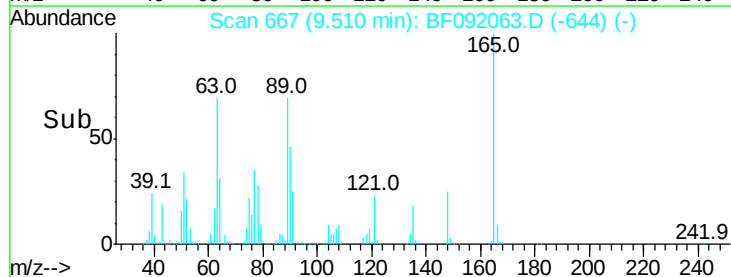
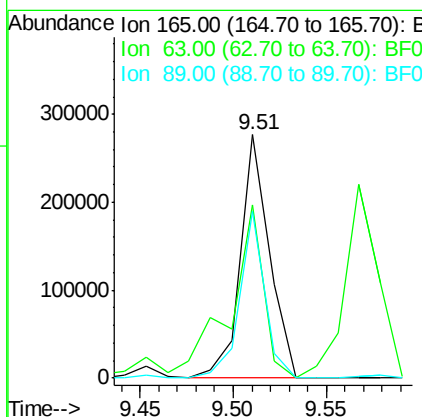
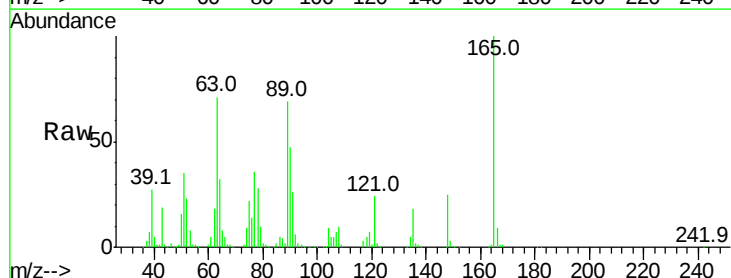
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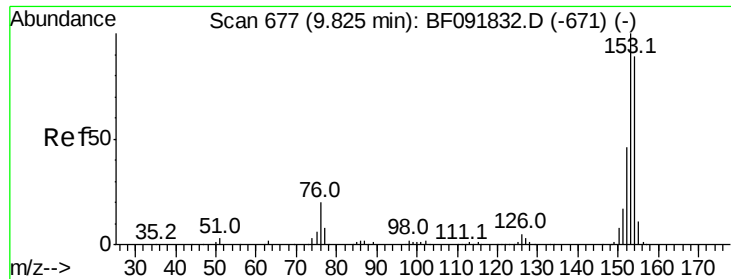
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#50
2,6-Dinitrotoluene
Concen: 39.58 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion:165 Resp: 298265
Ion Ratio Lower Upper
165 100
63 71.3 36.2 54.4#
89 68.5 40.2 60.4#





#51

Acenaphthene

Concen: 41.16 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

PB95719BS

Tot Ion:154 Resp: 1252642

Ion Ratio Lower Upper

154 100

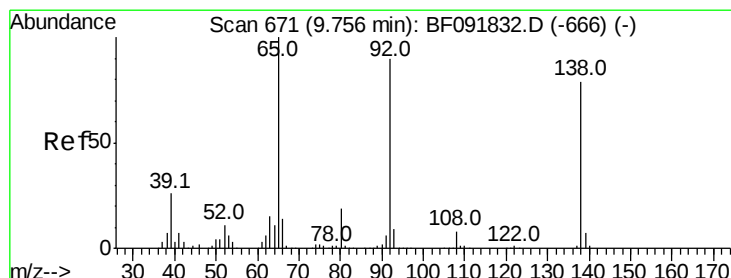
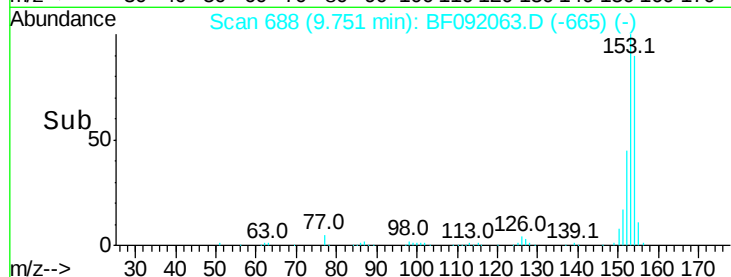
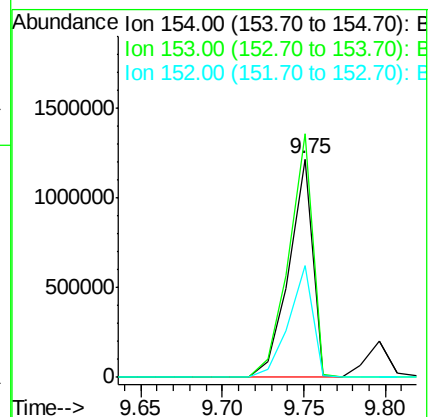
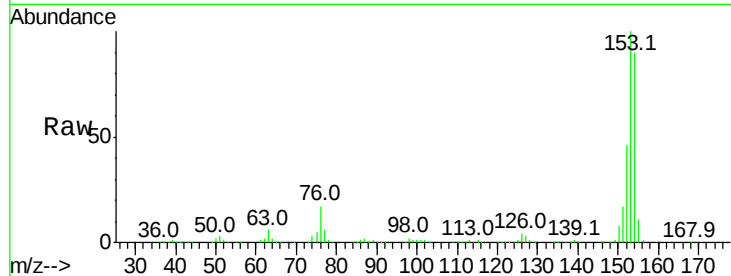
153 111.6 88.6 133.0

152 51.3 41.6 62.4

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#52

3-Nitroaniline

Concen: 21.84 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

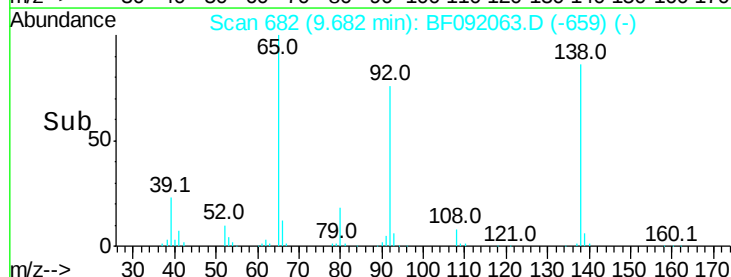
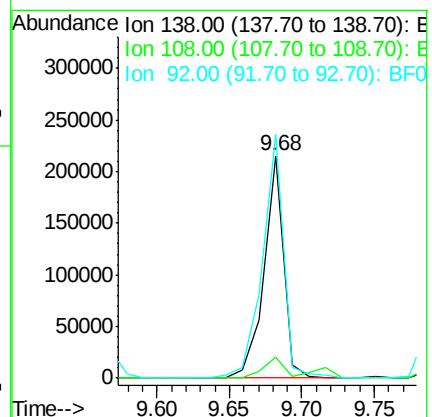
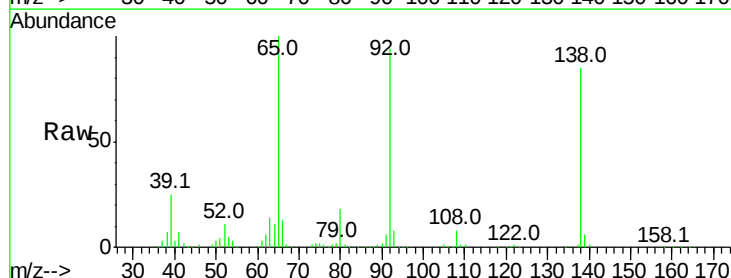
Tgt Ion:138 Resp: 203618

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

92 109.6 97.8 146.8





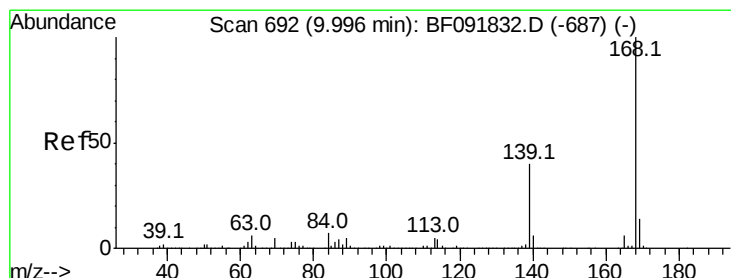
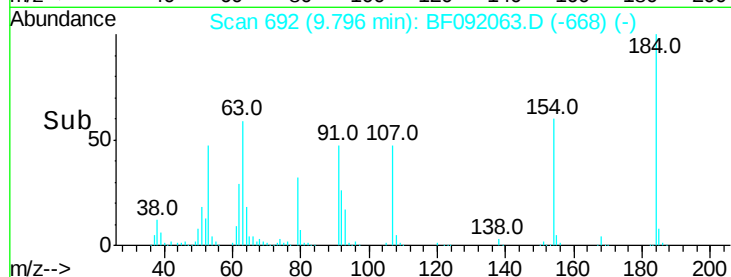
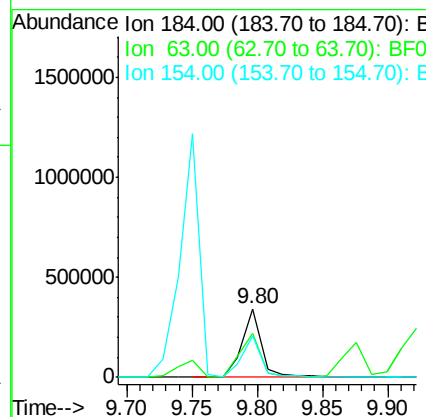
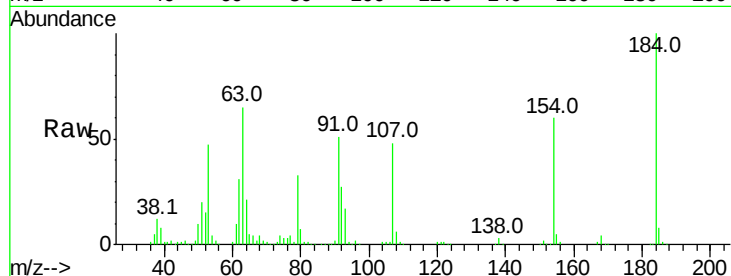
#53
2,4-Dinitrophenol
Concen: 84.73 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.5	28.4	42.6#
154	60.0	44.3	66.5

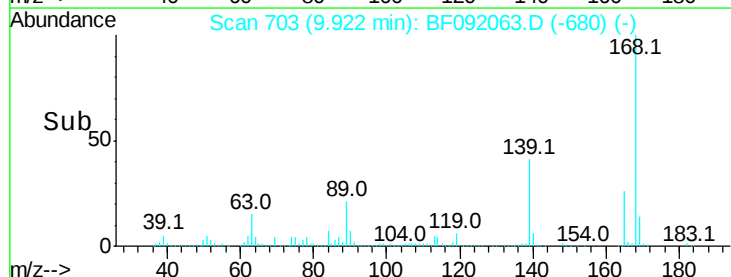
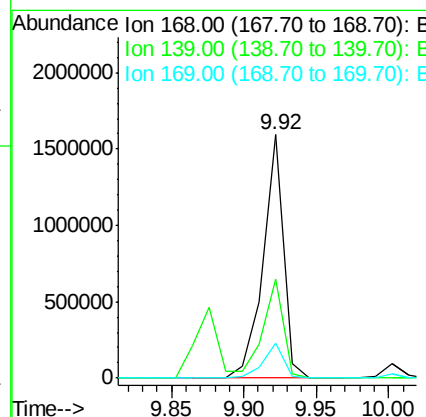
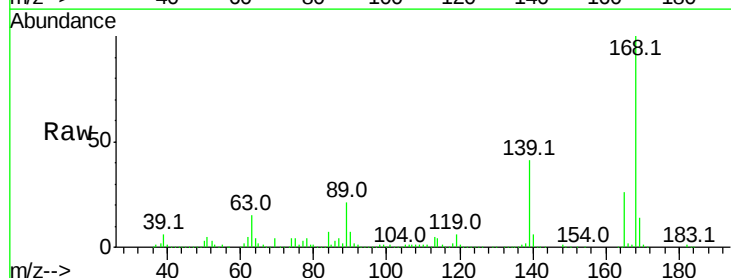
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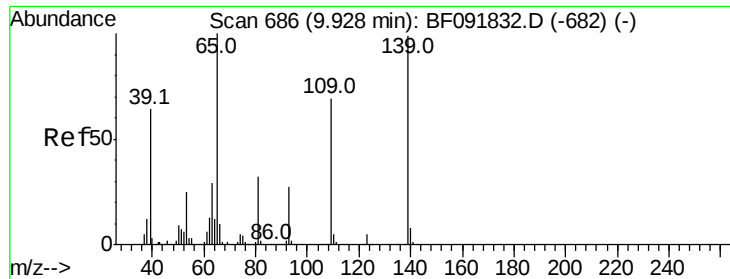
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#54
Dibenzofuran
Concen: 37.99 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.6	49.0
169	14.1	11.3	16.9





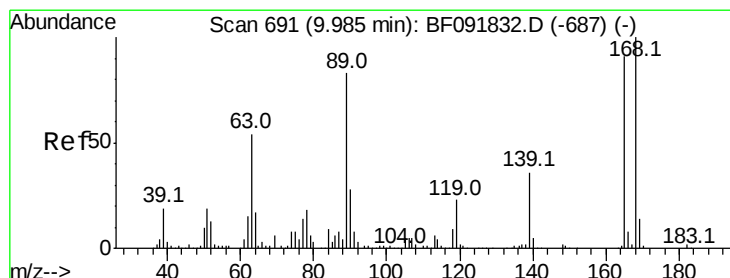
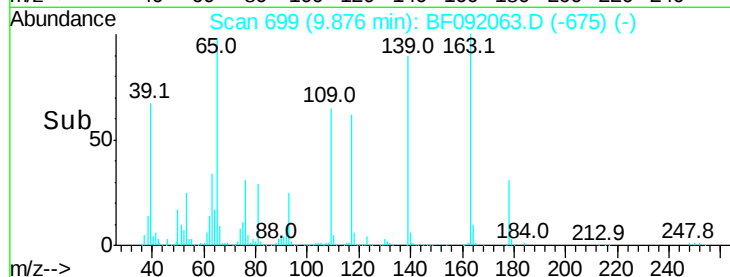
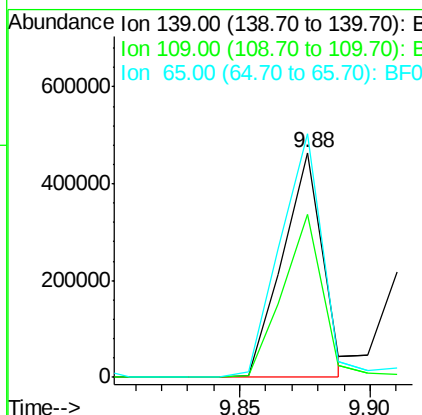
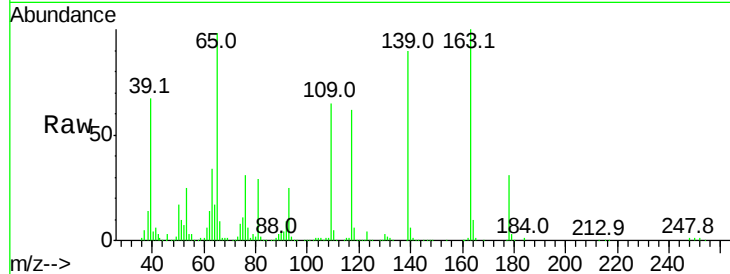
#55
4-Nitrophenol
Concen: 78.35 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.5	52.2	92.2
65	108.3	85.8	125.8

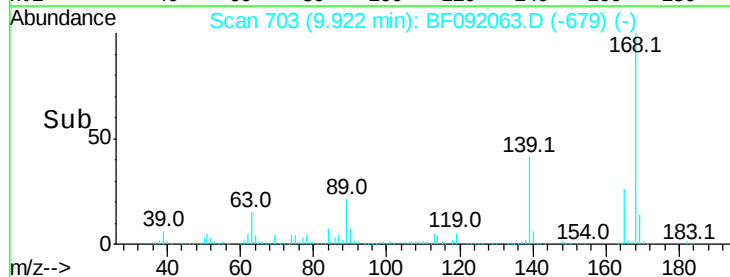
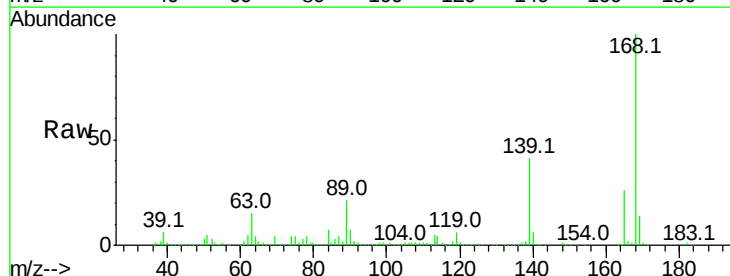
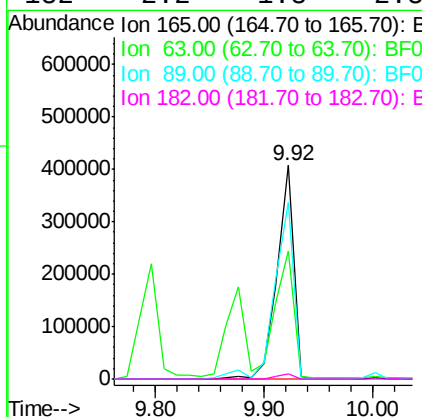
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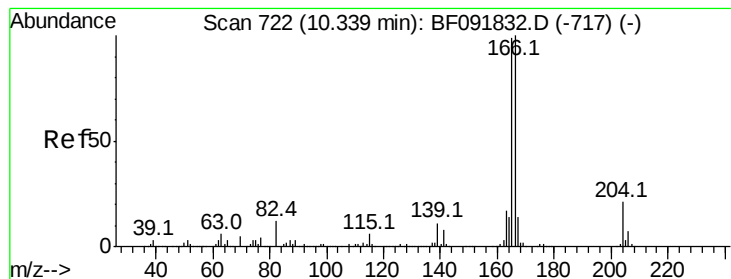
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#56
2,4-Dinitrotoluene
Concen: 45.54 ng
RT: 9.92 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	40.2	60.4
89	82.5	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 44.98 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampleId :

PB95719BS

Tot Ion:166 Resp: 1344881

Ion Ratio Lower Upper

166 100

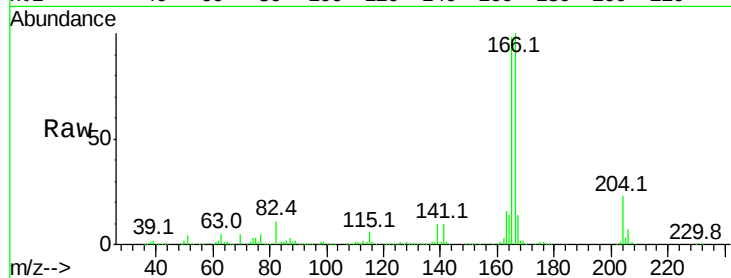
165 97.5 77.8 116.8

167 13.6 10.8 16.2

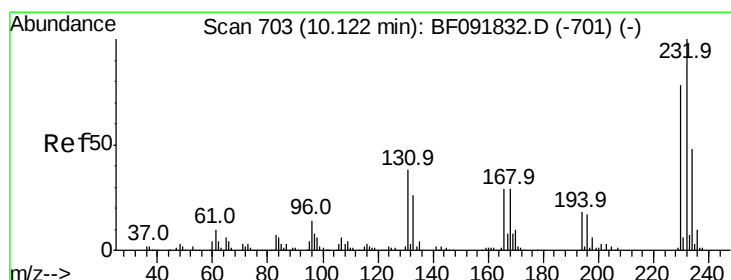
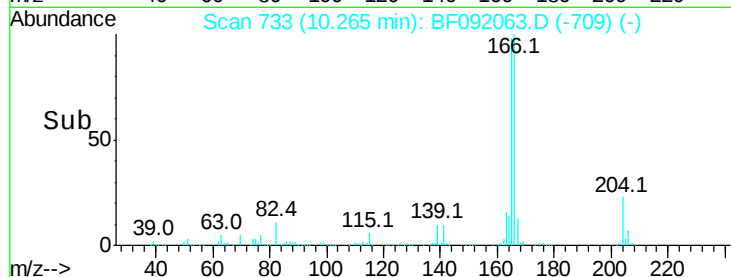
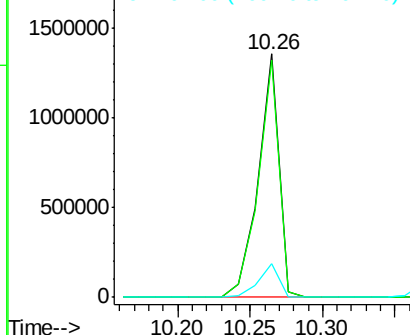
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.61 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion:232 Resp: 353036

Ion Ratio Lower Upper

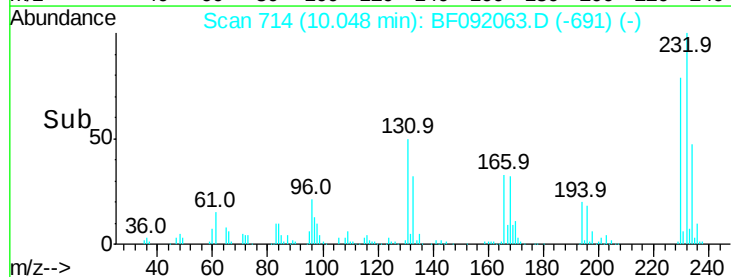
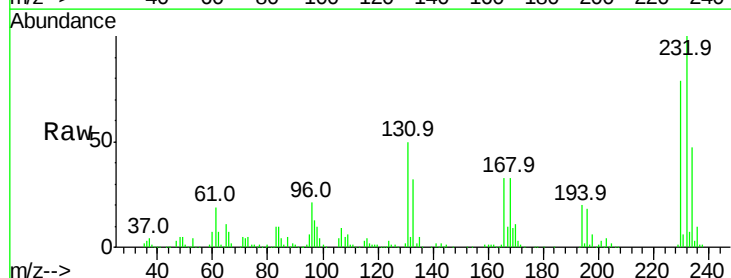
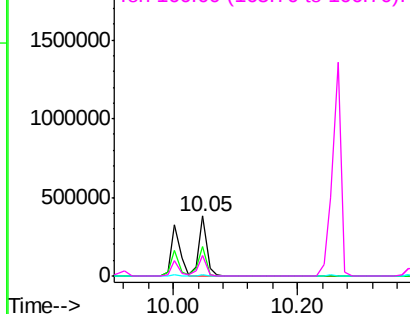
232 100

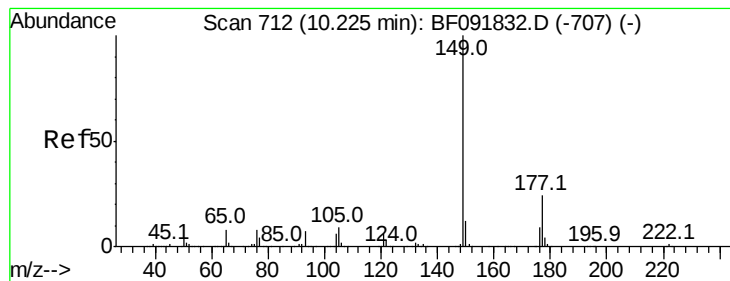
131 50.0 40.1 60.1

130 2.4 1.8 2.8

166 32.7 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: 40.95 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

ClientSampled :

PB95719BS

Tot Ion:149 Resp: 1369061

Ion Ratio Lower Upper

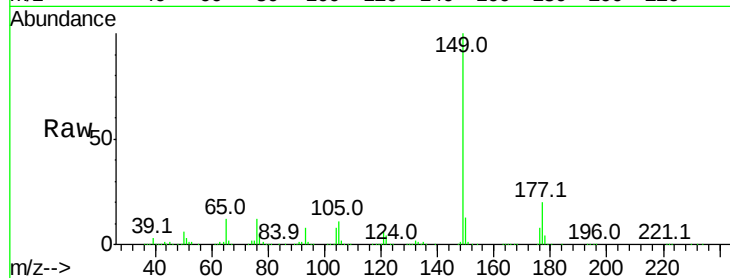
149 100

177 20.3 16.6 25.0

150 12.8 10.4 15.6

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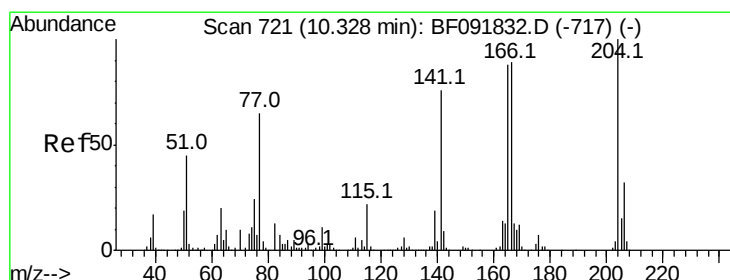
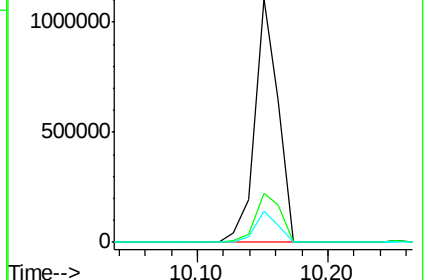
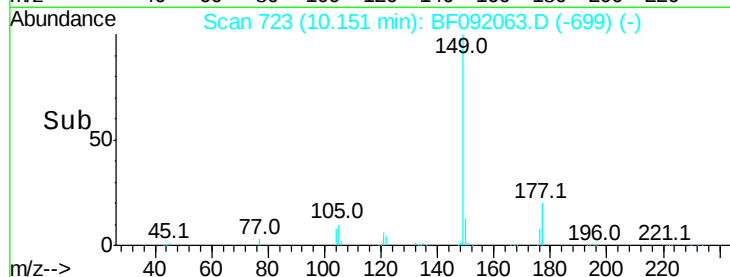
Sohil
1/4/2017 2:05:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.64 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

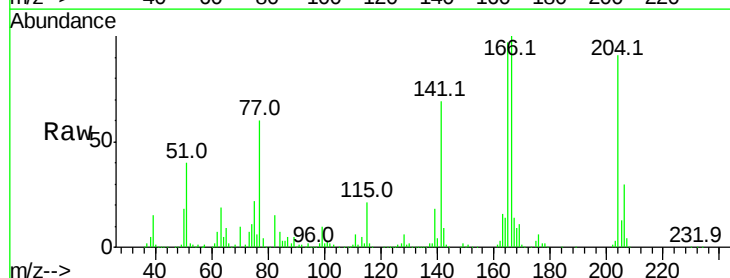
Tgt Ion:204 Resp: 545158

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

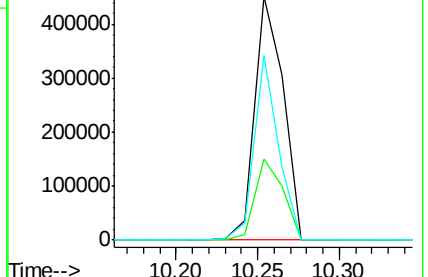
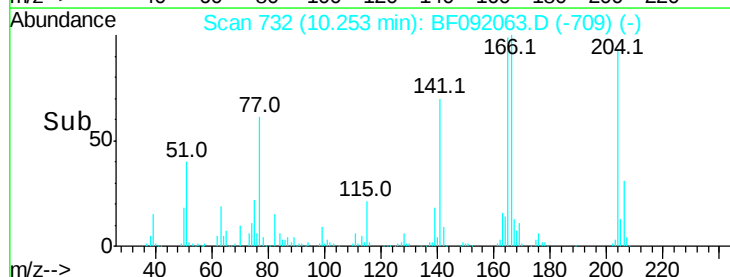
141 75.8 59.4 89.0

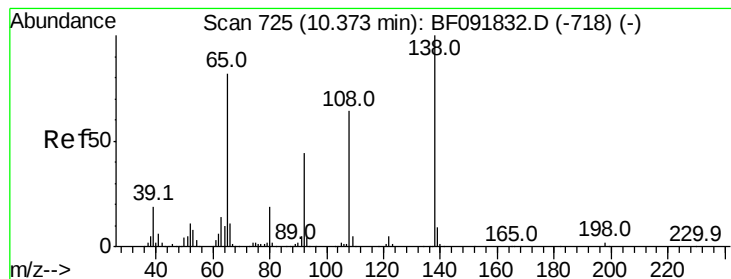


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





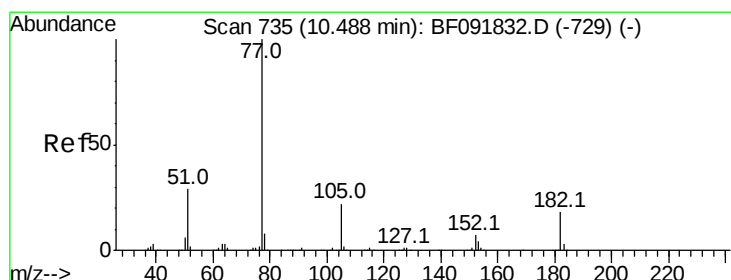
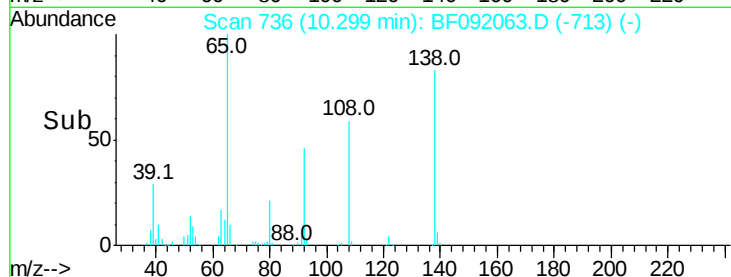
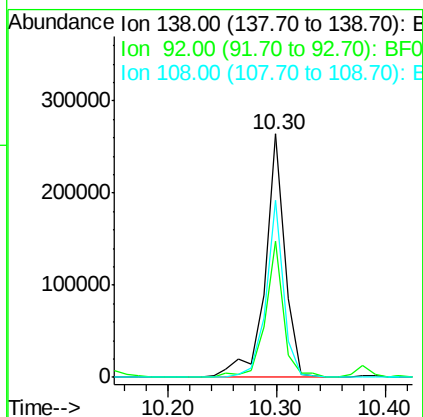
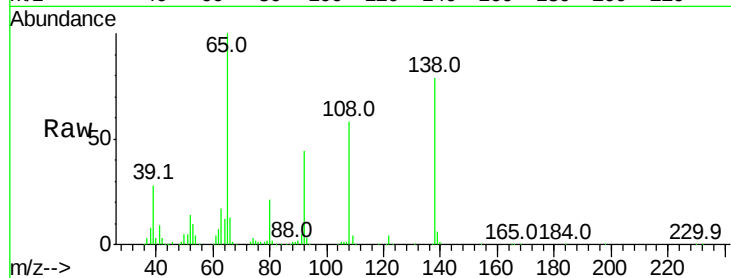
#61
4-Nitroaniline
Concen: 34.67 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	31.7	71.7
108	72.8	52.6	92.6

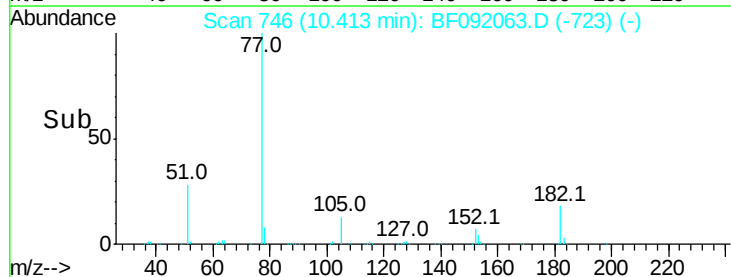
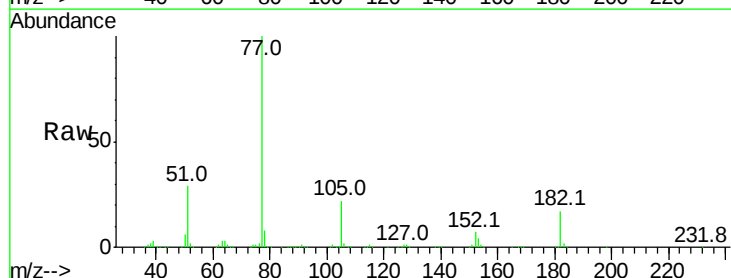
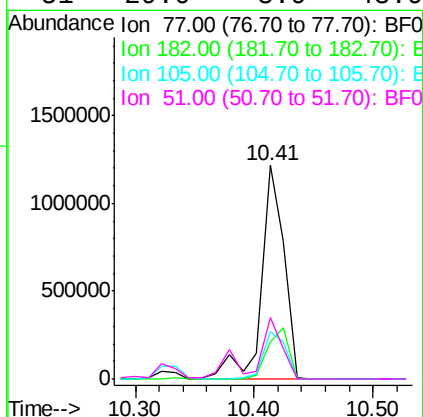
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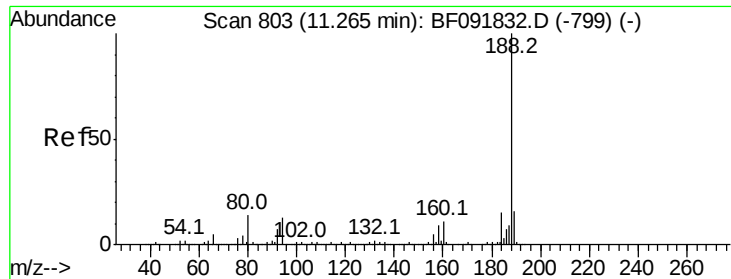
Sohil
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#62
Azobenzene
Concen: 44.12 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	0.0	39.3
105	22.5	2.3	42.3
51	29.0	8.9	48.9





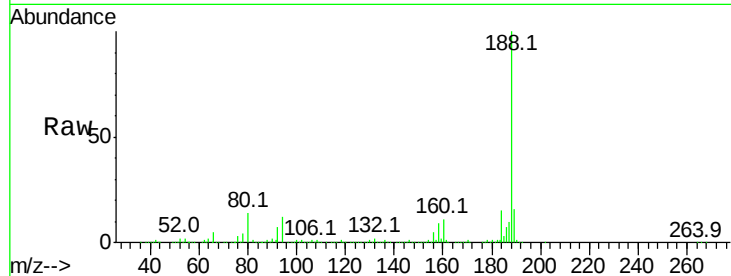
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 814
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampled :
PB95719BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	837110		
94	12.1	10.0	15.0	
80	13.7	11.2	16.8	

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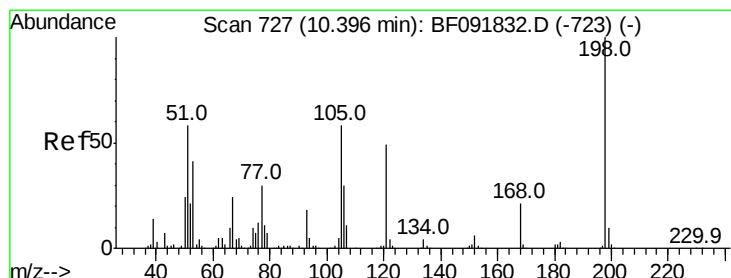
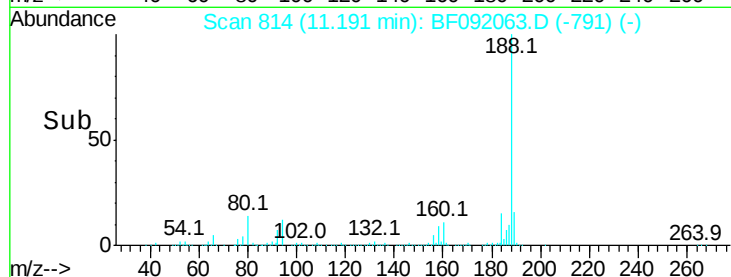
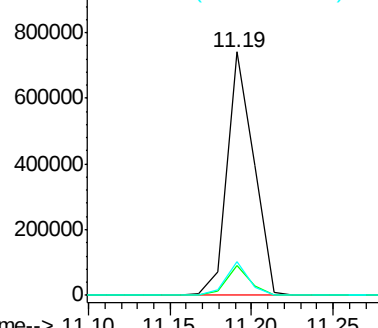
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

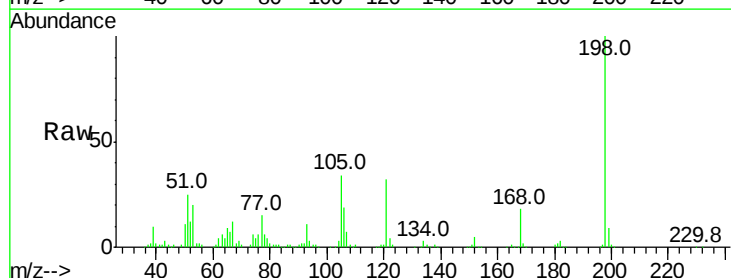
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 49.65 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

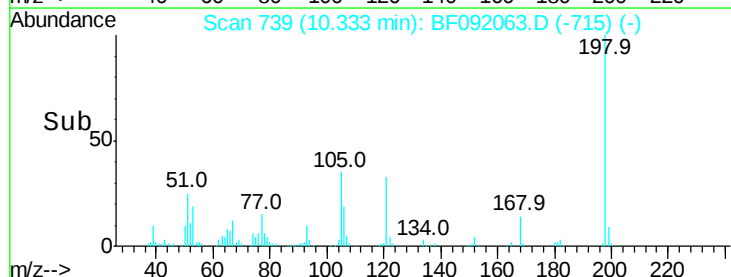
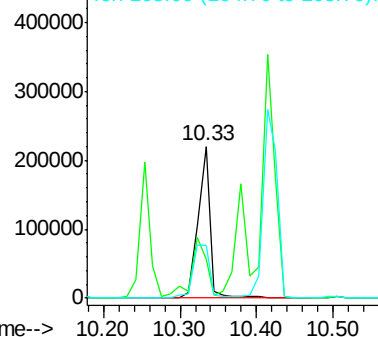
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	251301		
51	25.2	6.7	46.7	
105	34.4	16.6	56.6	

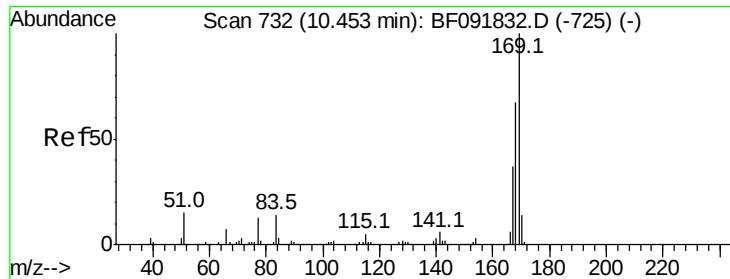


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





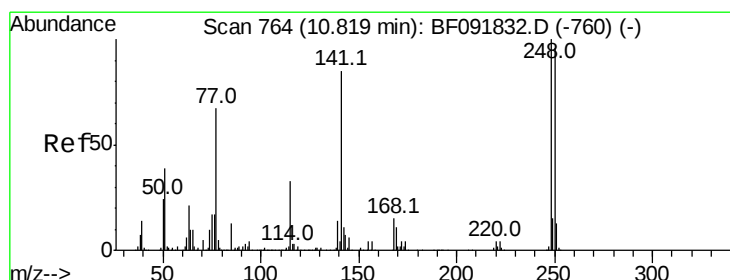
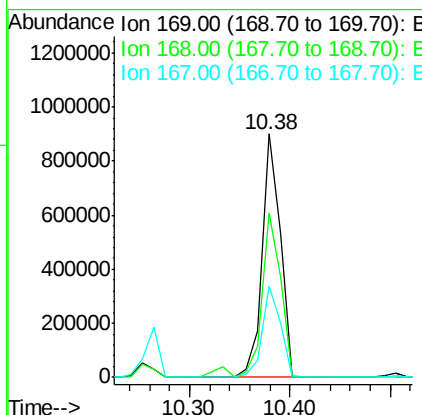
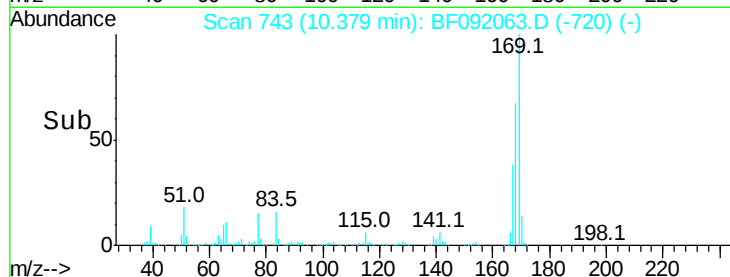
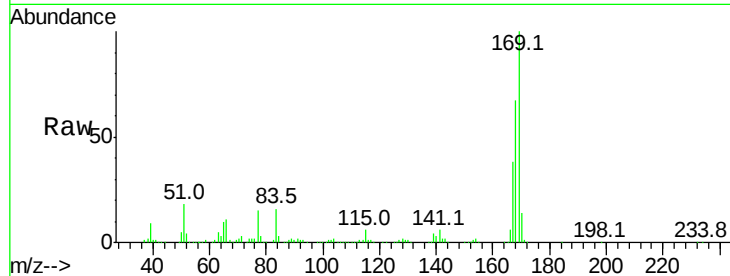
#65
n-Nitrosodiphenylamine
Concen: 45.39 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion:169 Resp: 1127555
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 37.7 30.2 45.4

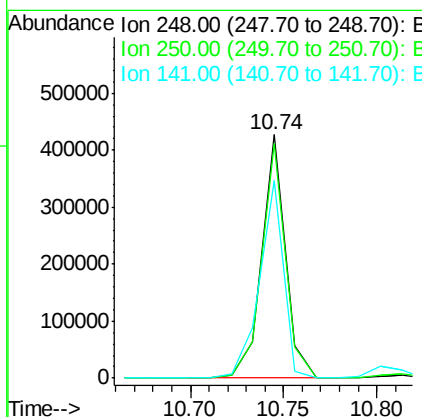
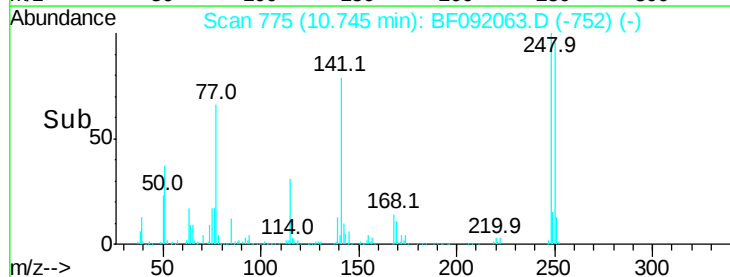
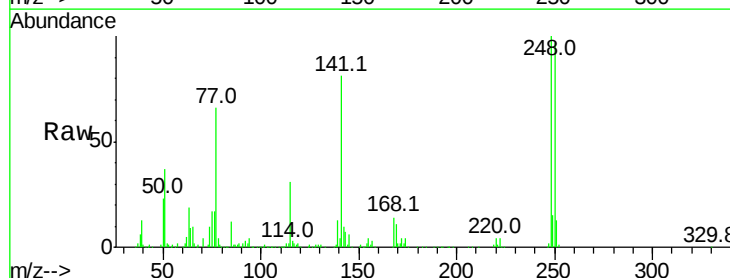
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#66
4-Bromophenyl-phenylether
Concen: 43.51 ng
RT: 10.74 min Scan# 775
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion:248 Resp: 378891
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 80.9 68.2 102.4





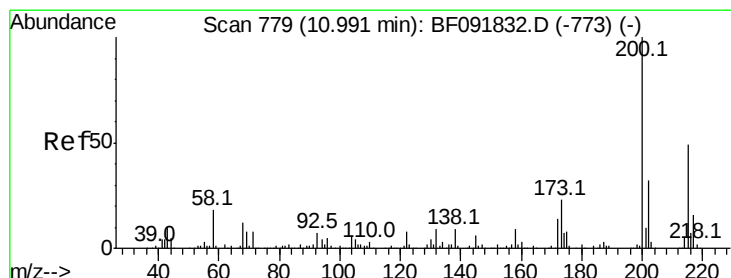
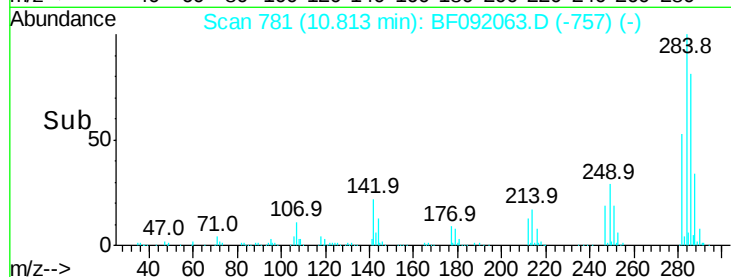
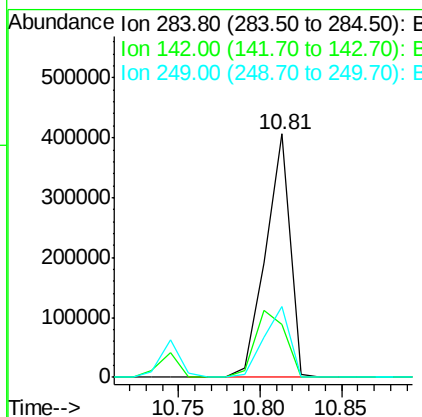
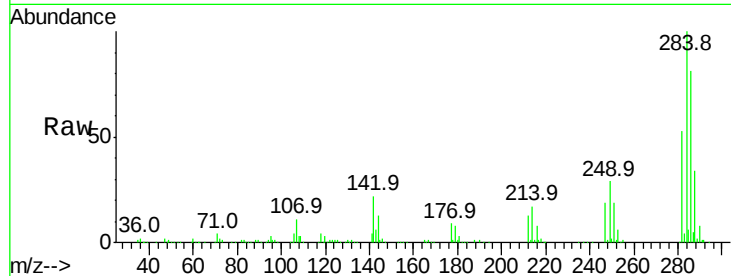
#67
Hexachlorobenzene
Concen: 45.66 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampled :
PB95719BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	21.9	22.6	33.8#	
249	29.2	25.4	38.0	

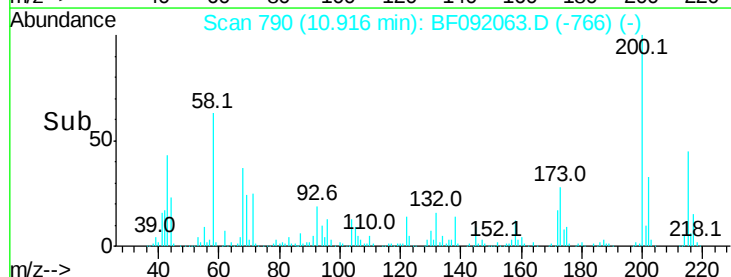
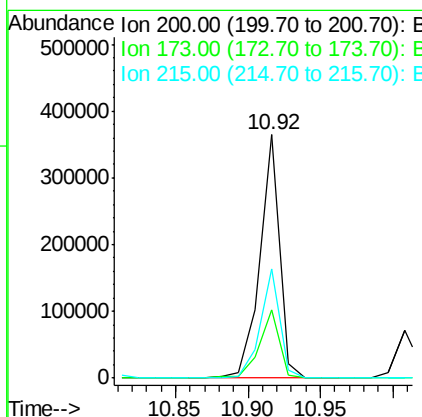
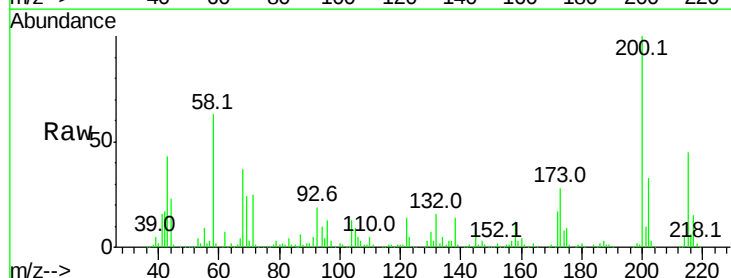
Manual Integrations
APPROVED

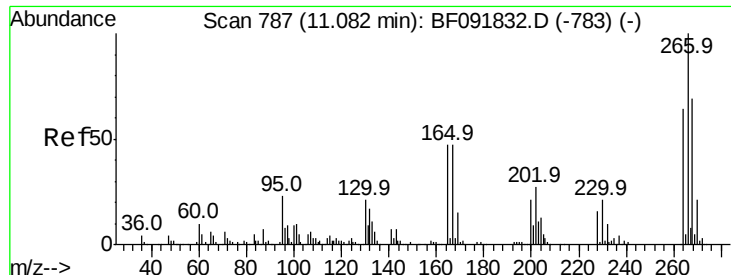
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#68
Atrazine
Concen: 42.83 ng
RT: 10.92 min Scan# 790
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	9.6	49.6	
215	44.7	25.7	65.7	





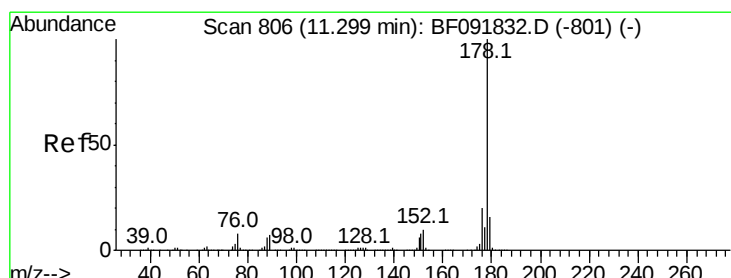
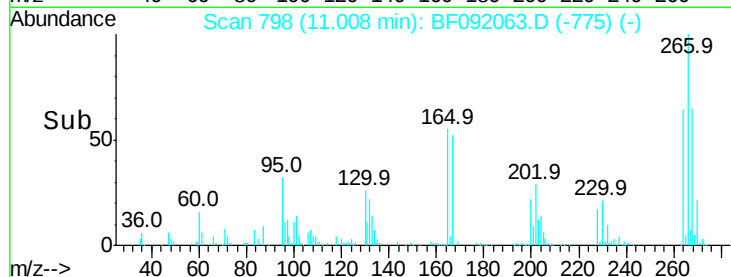
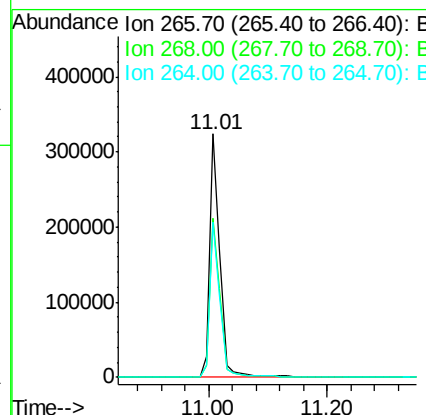
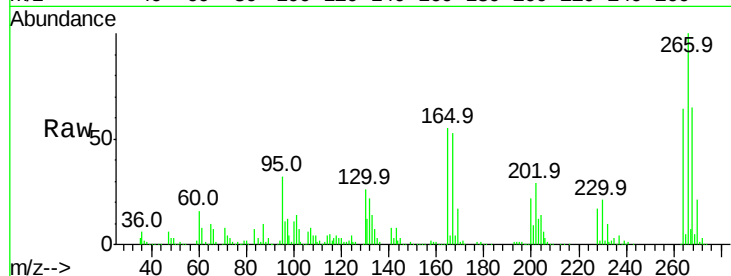
#69
 Pentachlorophenol
 Concen: 86.70 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampled :
 PB95719BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	395950		
268	65.1	53.3	79.9	
264	63.7	50.3	75.5	

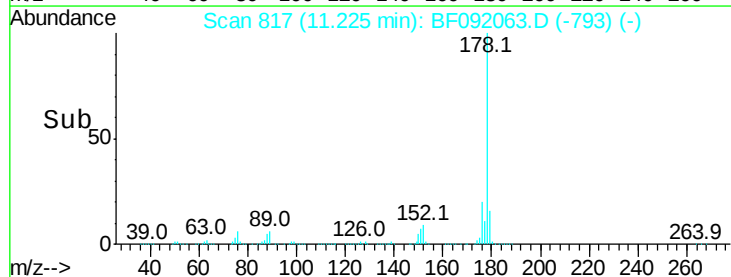
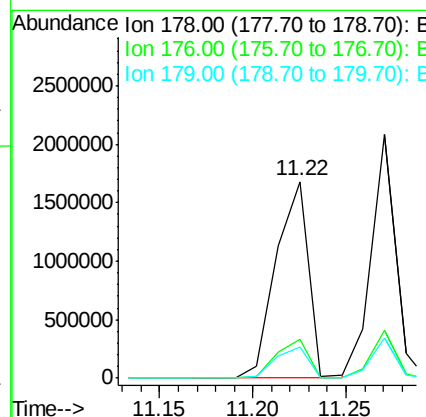
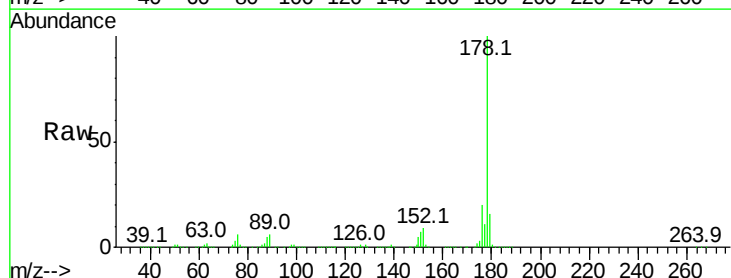
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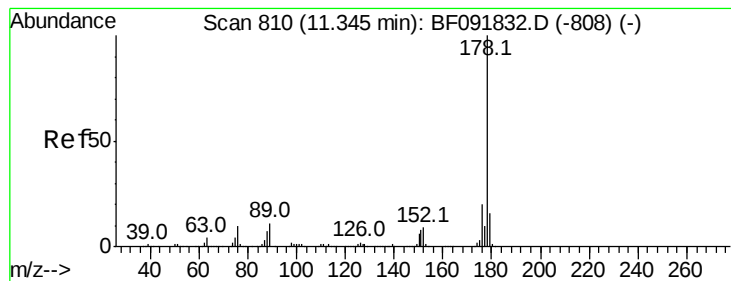
Sohil
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#70
 Phenanthrene
 Concen: 44.72 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2030090		
176	20.0	16.6	25.0	
179	15.7	12.8	19.2	





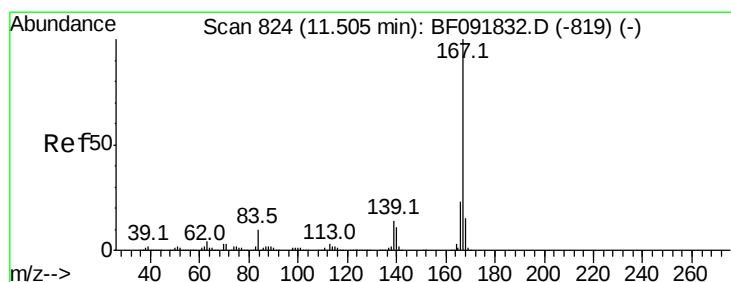
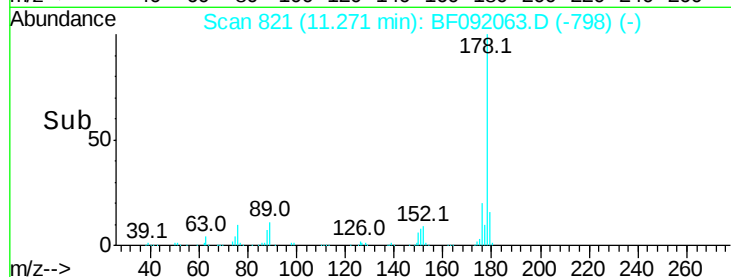
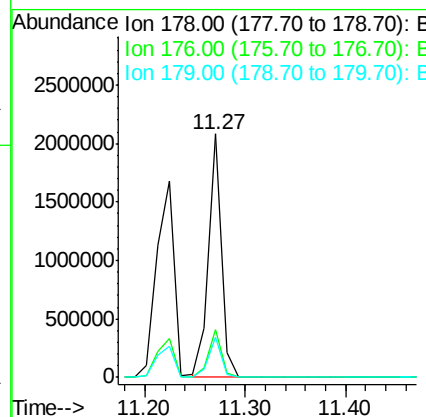
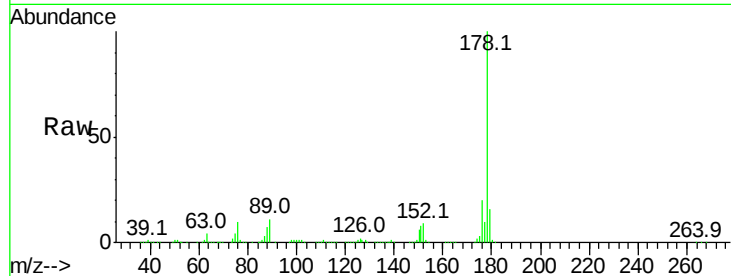
#71
 Anthracene
 Concen: 47.13 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampled :
 PB95719BS

Tot Ion:178 Resp: 1866049
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.5 13.2 19.8

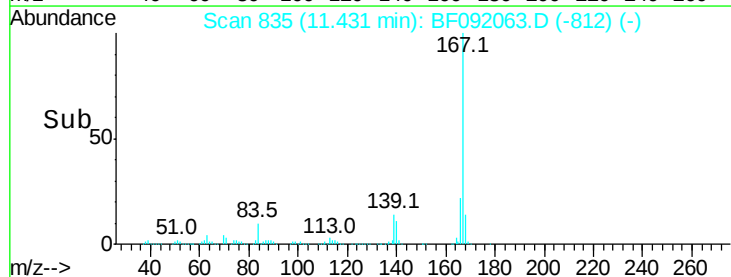
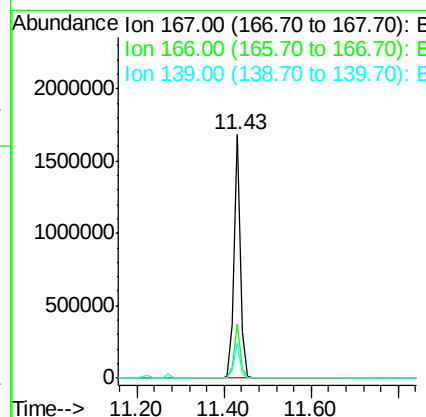
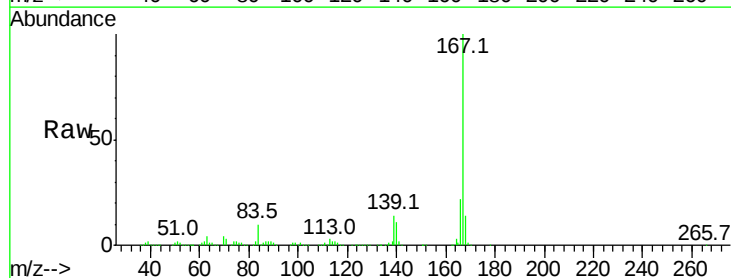
Manual Integrations
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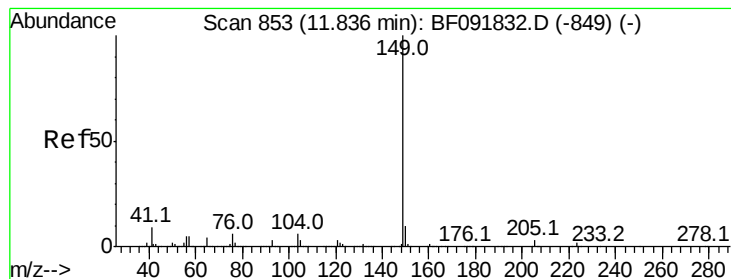
Sohil
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#72
 Carbazole
 Concen: 43.63 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Tgt Ion:167 Resp: 1653021
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 14.2 11.4 17.2





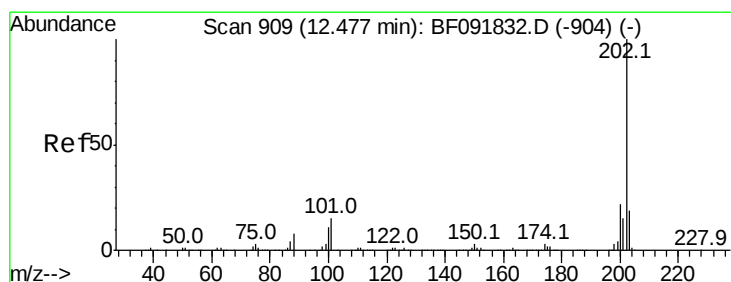
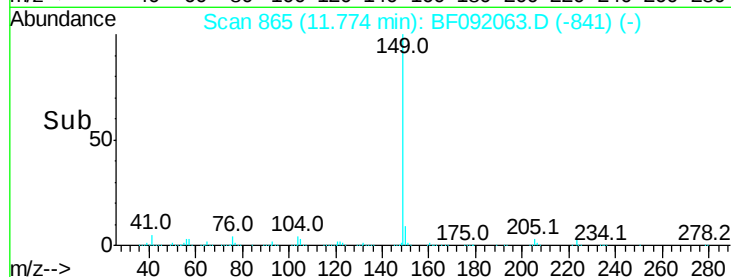
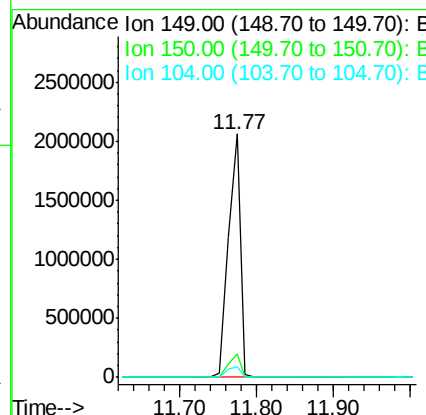
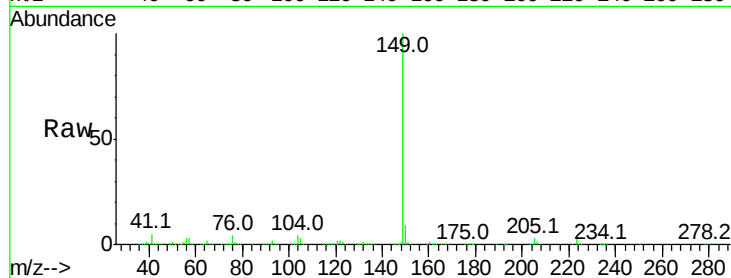
#73
Di-n-butylphthalate
Concen: 53.69 ng
RT: 11.77 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampled :
PB95719BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.3	4.6	7.0

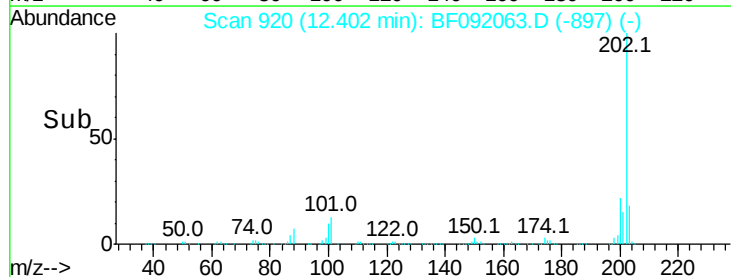
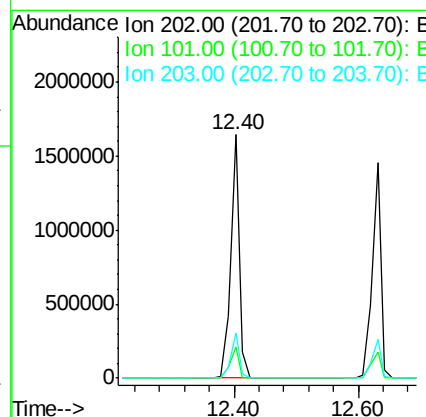
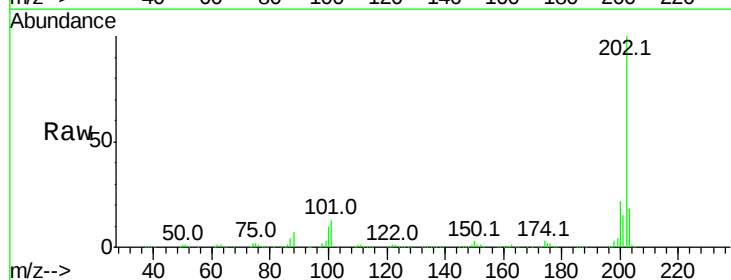
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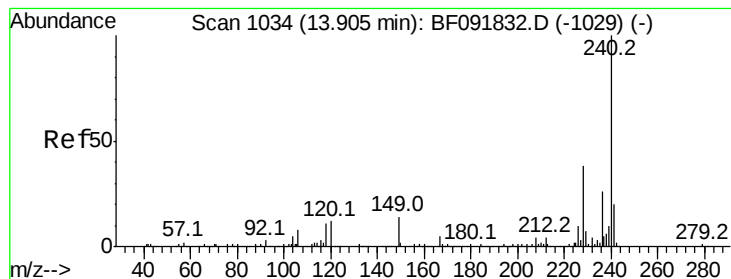
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#74
Fluoranthene
Concen: 38.36 ng
RT: 12.40 min Scan# 920
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.6
203	18.4	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: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

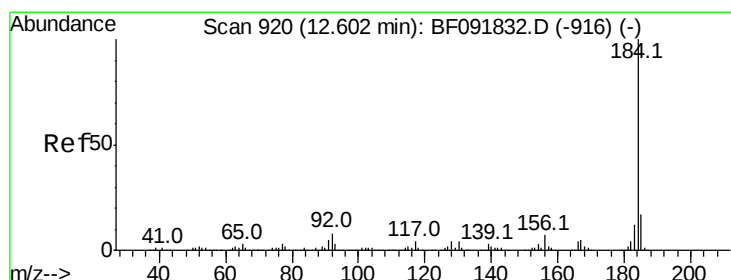
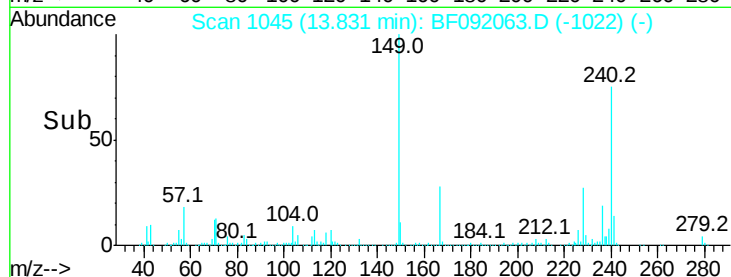
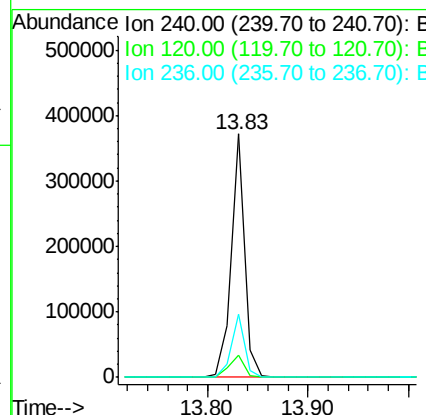
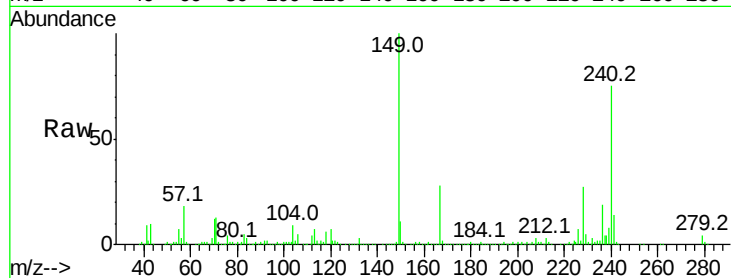
ClientSampleID :

PB95719BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	343590		
120	9.0	12.9	19.3	
236	25.7	20.9	31.3	

Manual Integrations
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#76

Benzidine

Concen: 53.06 ng

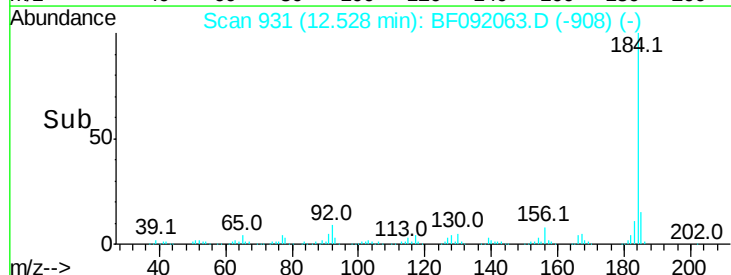
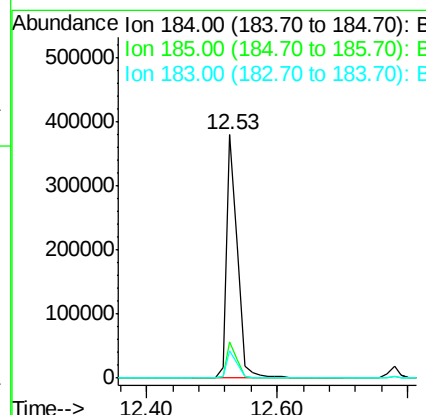
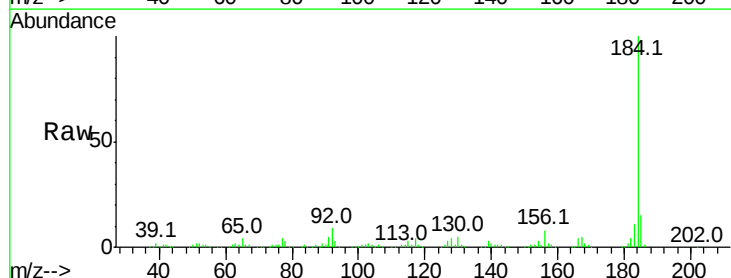
RT: 12.53 min Scan# 931

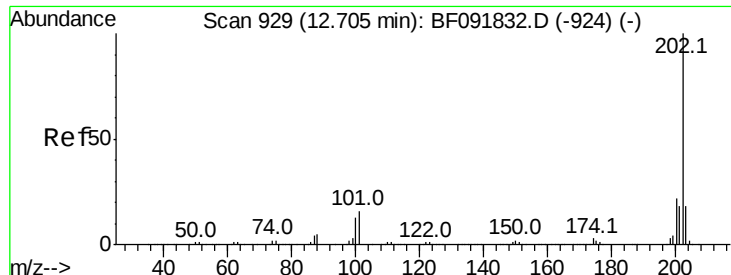
Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	445579		
185	14.8	13.4	20.0	
183	11.4	9.2	13.8	





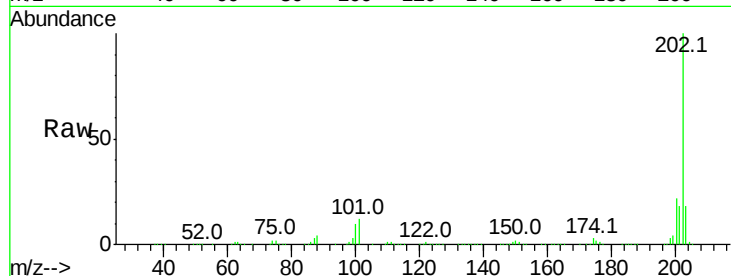
#77
Pvrene
Concen: 55.20 ng
RT: 12.63 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

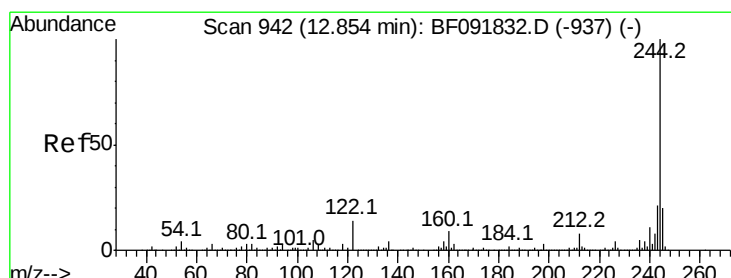
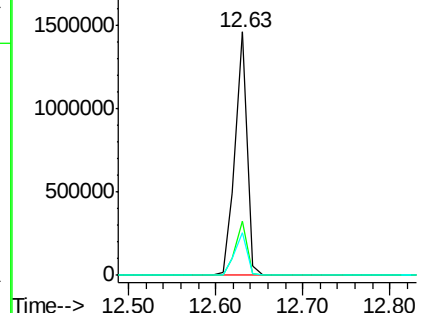
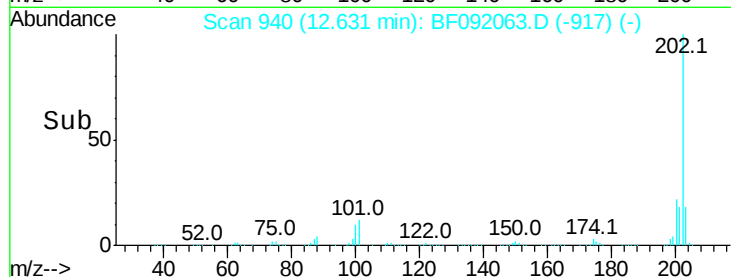
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.7	22.1

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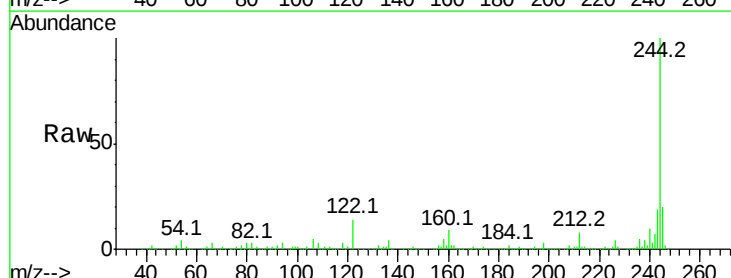


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

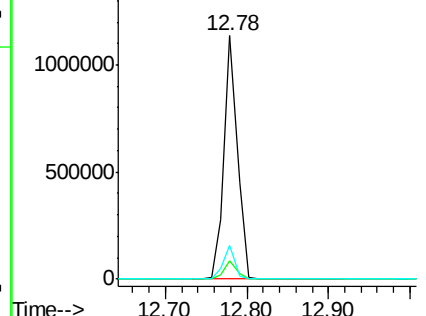
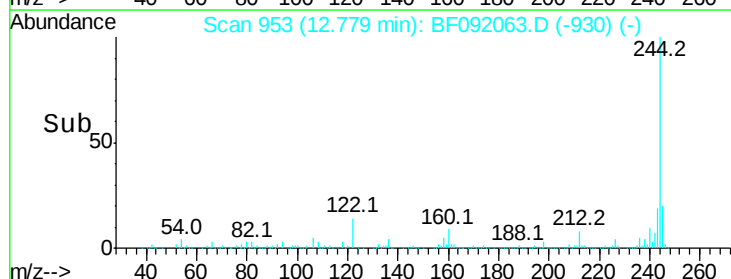


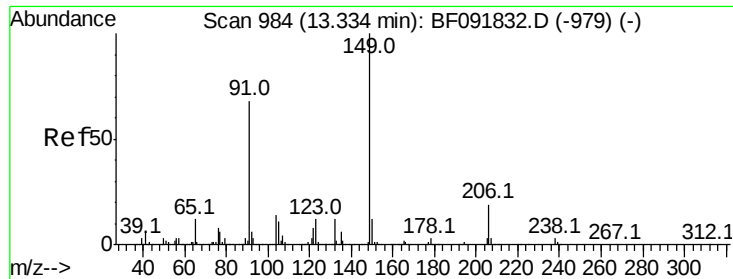
#78
Terphenyl-d14
Concen: 91.27 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.8	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





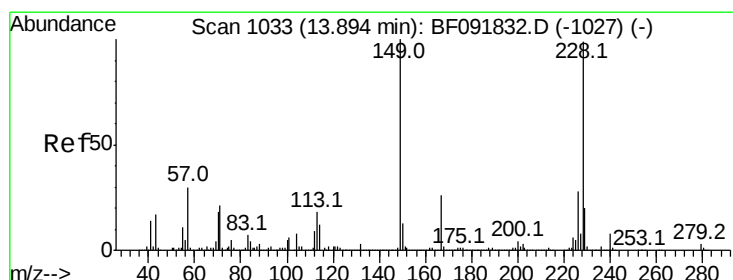
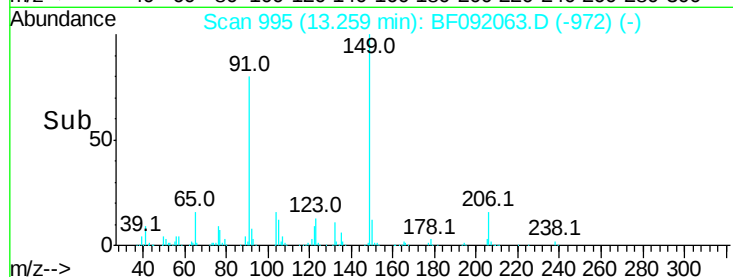
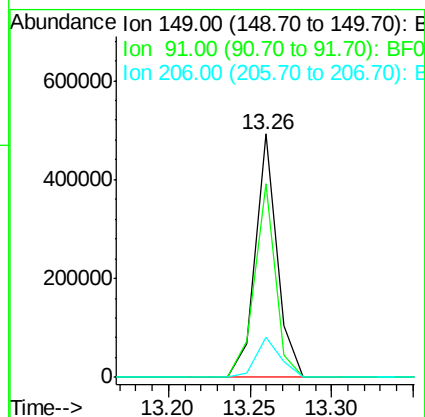
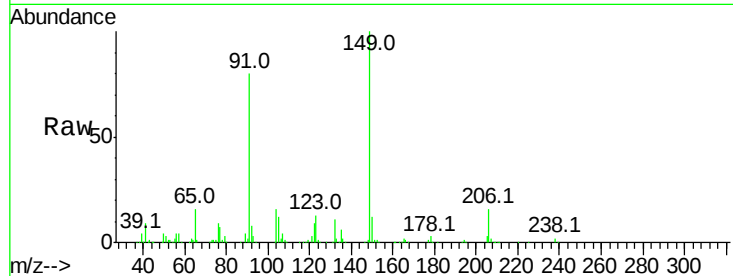
#79
Butylbenzylphthalate
Concen: 40.00 ng
RT: 13.26 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	79.8	63.9	95.9
206	16.3	14.6	21.8

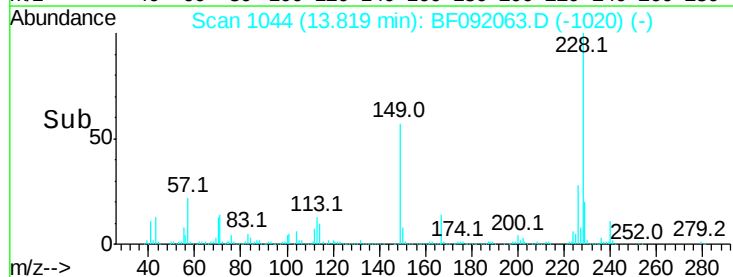
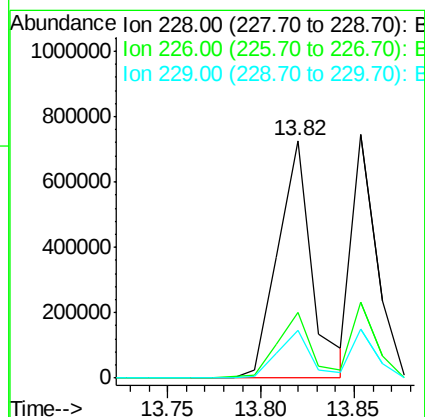
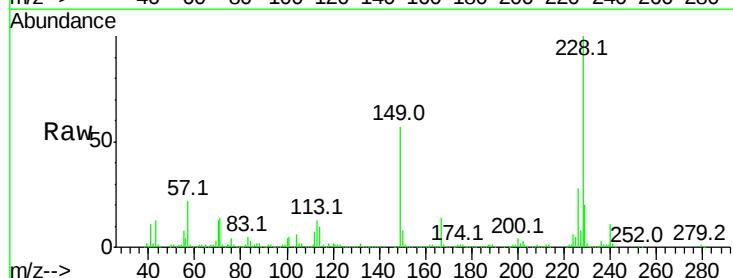
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#80
Benzo(a)anthracene
Concen: 47.58 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.4	33.6
229	20.0	16.2	24.4





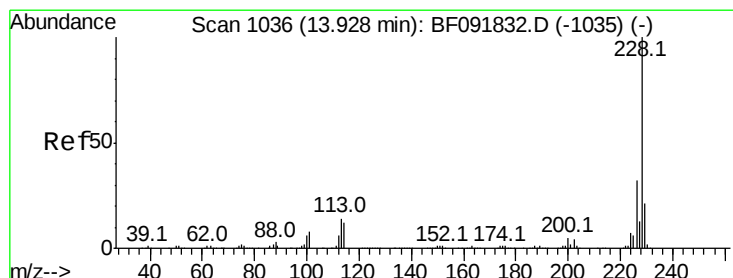
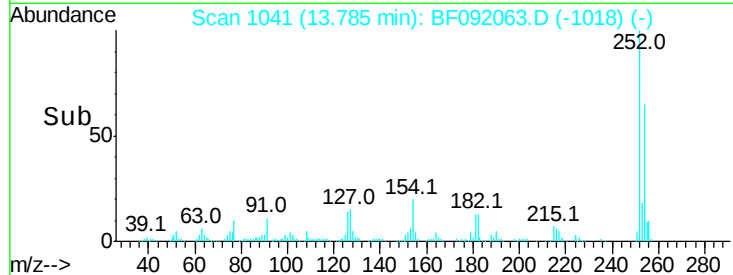
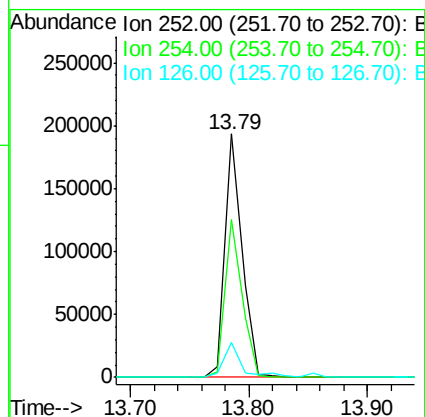
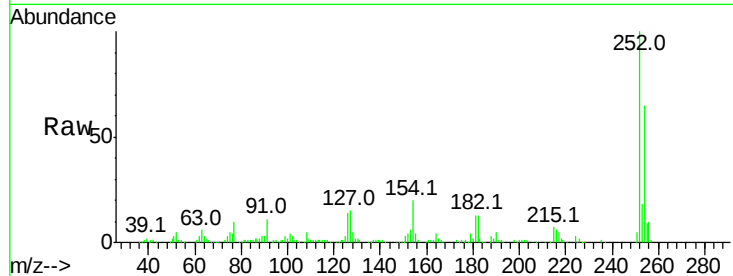
#81
 3,3'-Dichlorobenzidine
 Concen: 26.06 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampled :
 PB95719BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	191693		
254	65.0	52.3	78.5	
126	14.2	13.6	20.4	

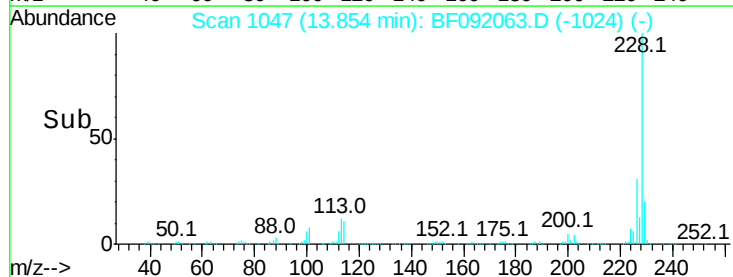
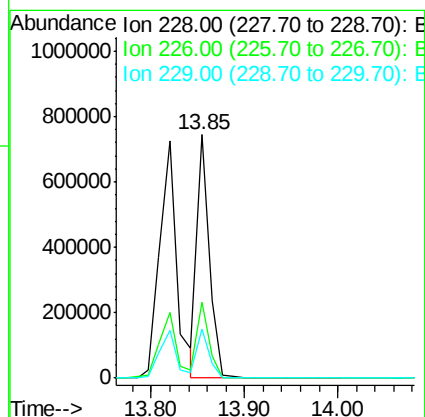
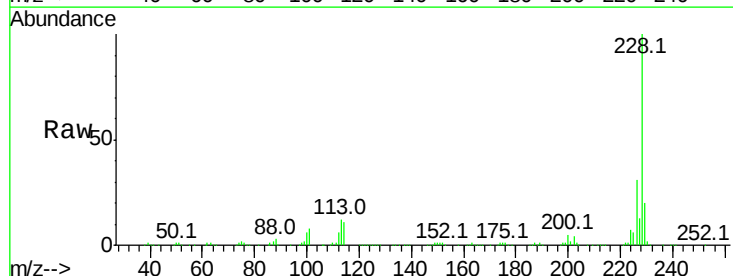
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#82
 Chrysene
 Concen: 35.24 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	685498		
226	31.2	25.4	38.0	
229	20.1	16.2	24.2	





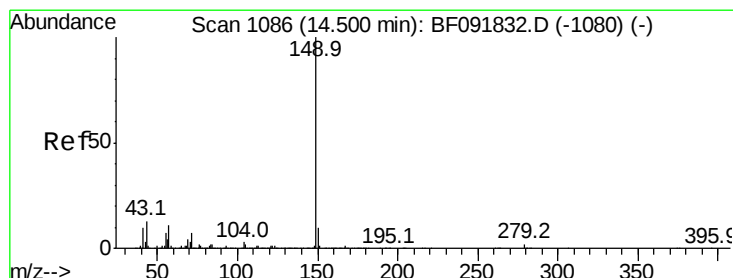
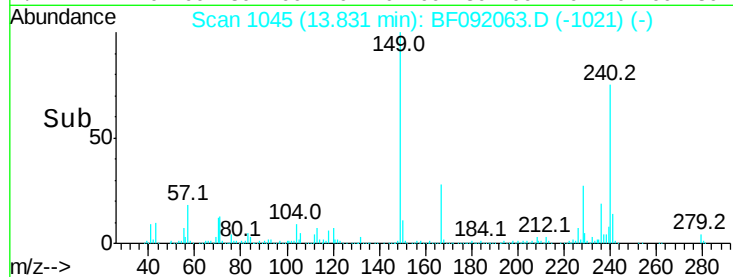
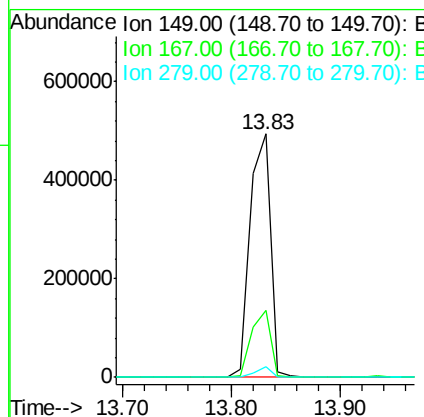
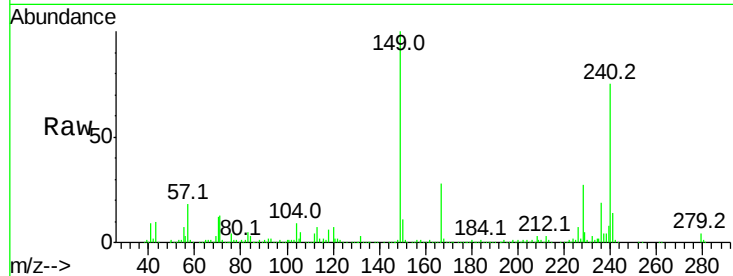
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.94 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	4.4	1.8	2.8

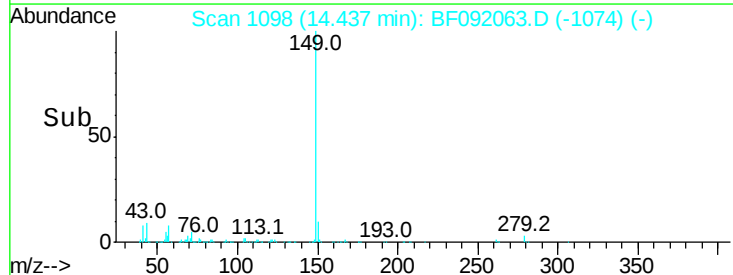
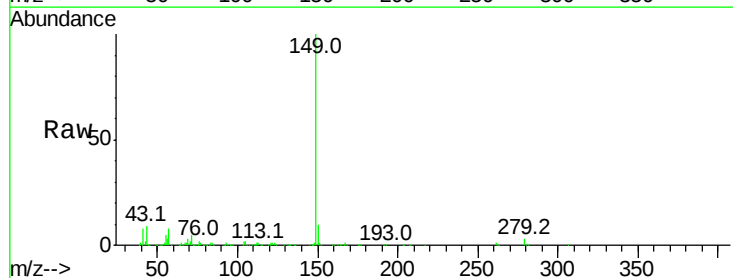
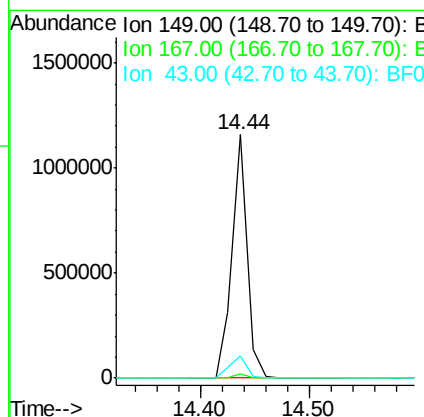
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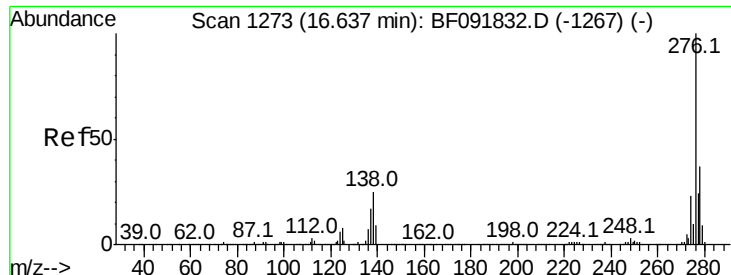
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#84
 Di-n-octyl phthalate
 Concen: 44.57 ng
 RT: 14.44 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.4	8.9	13.3





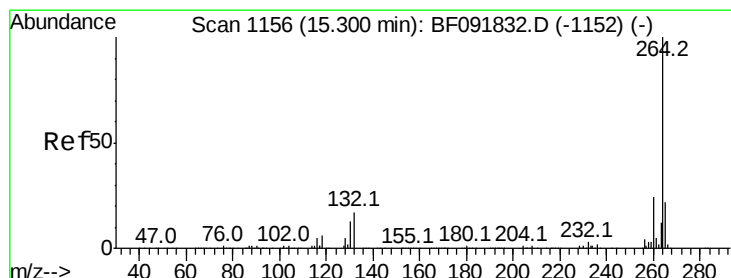
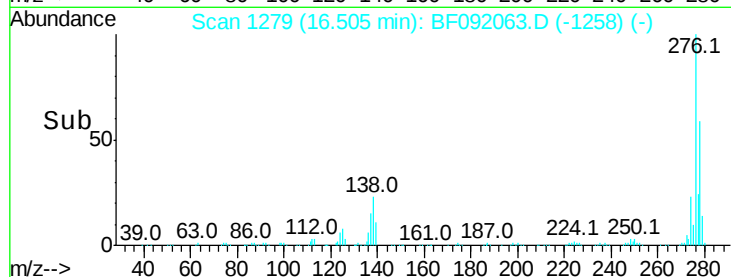
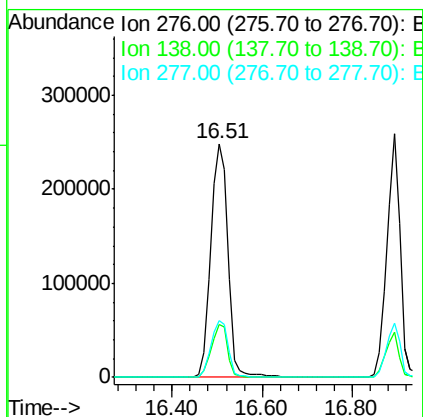
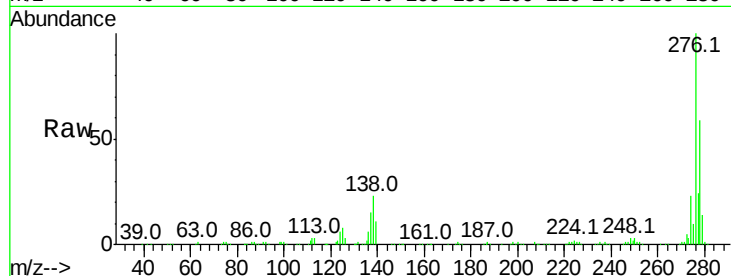
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.15 ng
RT: 16.51 min Scan# 1279
Delta R.T. -0.06 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.8	32.6#
277	24.4	20.2	30.4

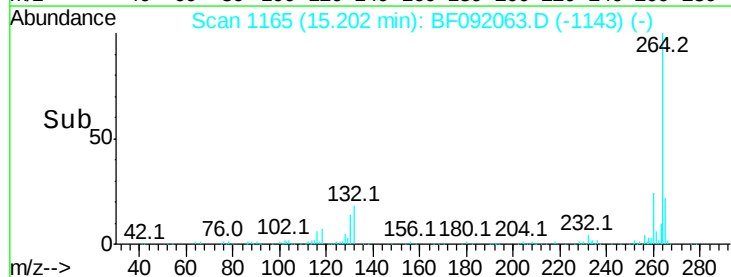
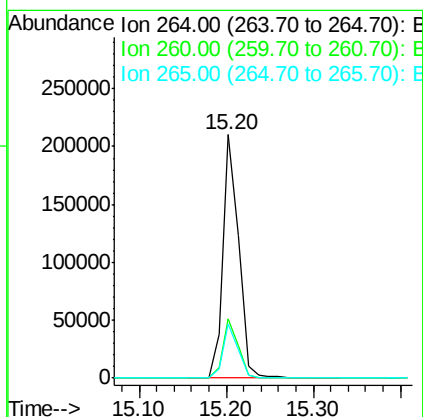
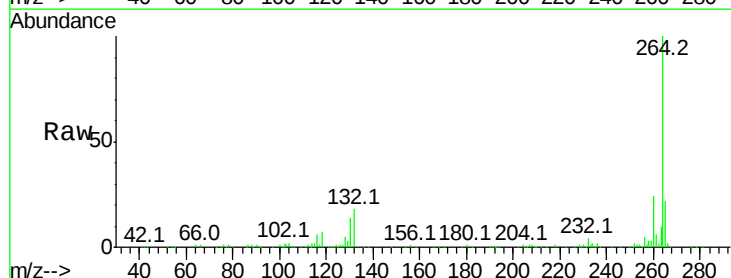
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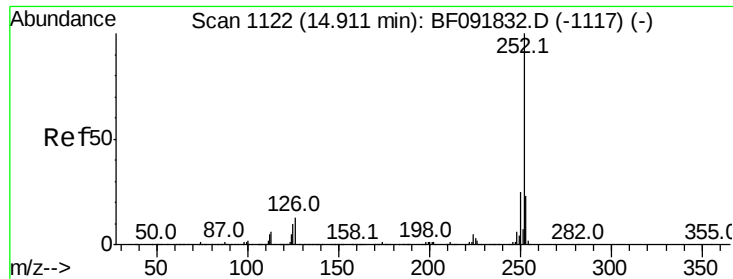
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.96 ng m

RT: 14.83 min Scan# 1132

Delta R.T. -0.04 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Instrument :

BNA_F

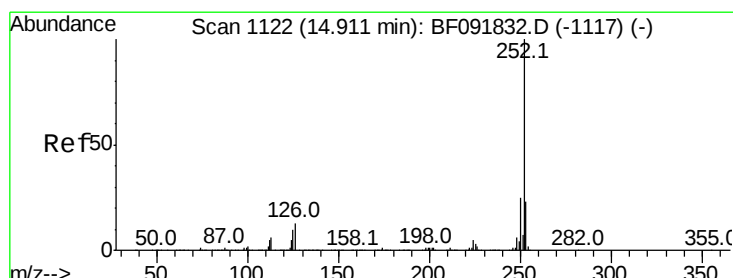
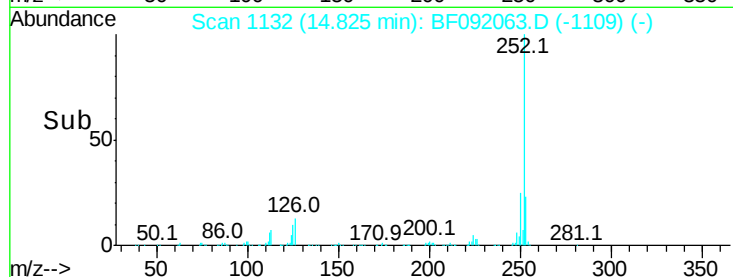
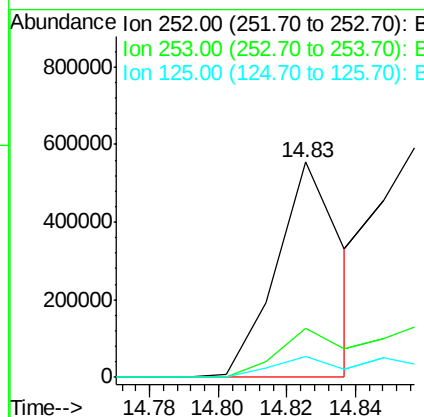
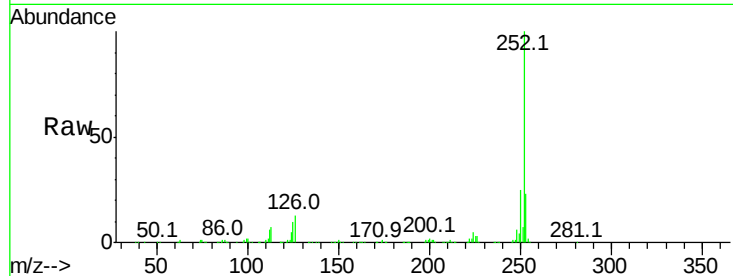
ClientSampleId :

PB95719BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.7	9.8	14.6#

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#88

Benzo(k)fluoranthene

Concen: 54.45 ng m

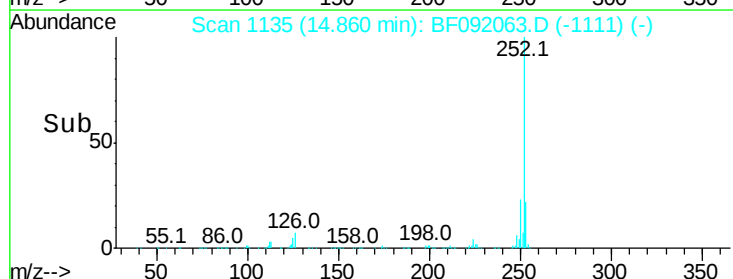
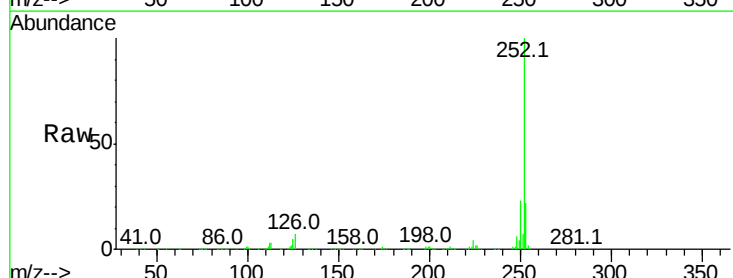
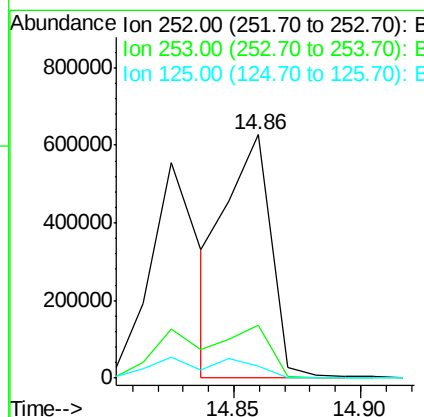
RT: 14.86 min Scan# 1135

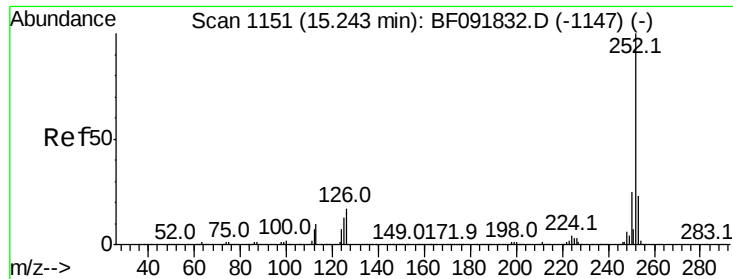
Delta R.T. -0.03 min

Lab File: BF092063.D

Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	4.9	8.9	13.3#





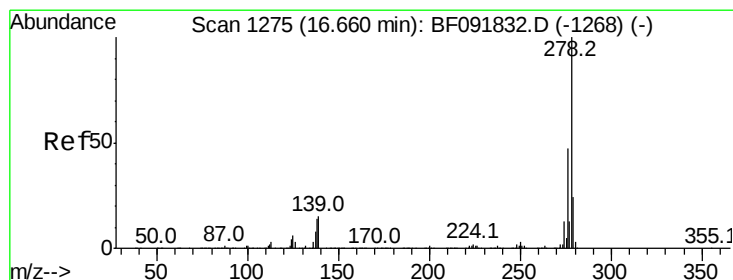
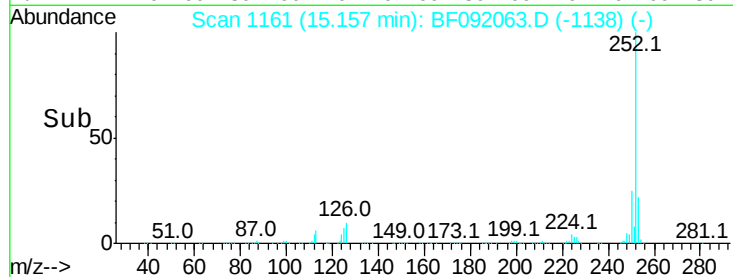
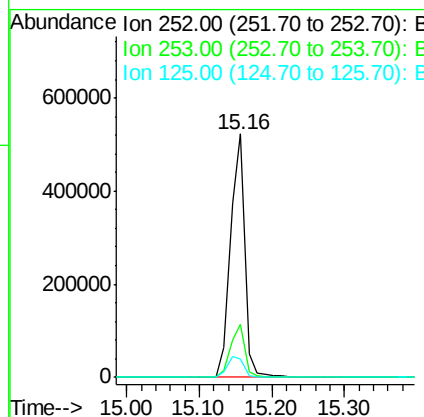
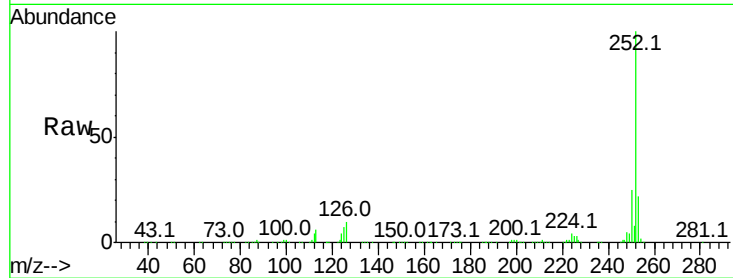
#89
Benzo(a)pyrene
Concen: 48.29 ng
RT: 15.16 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Instrument :
BNA_F
ClientSampleId :
PB95719BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.3	10.0	15.0

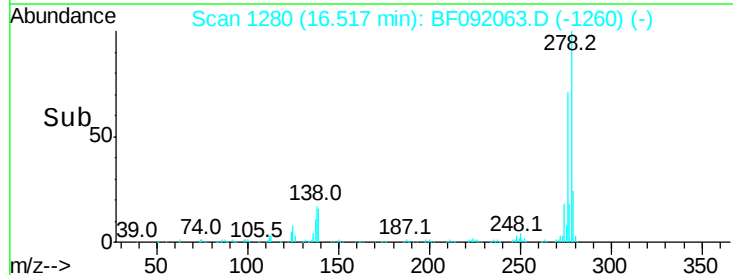
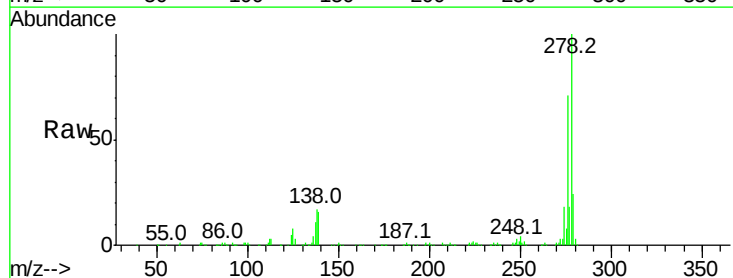
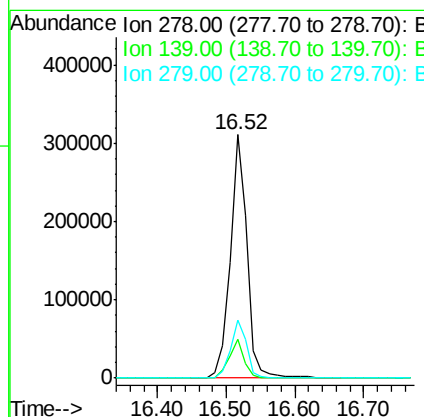
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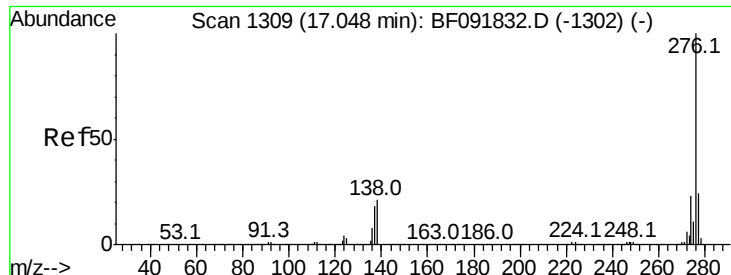
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#90
Dibenzo(a,h)anthracene
Concen: 44.47 ng
RT: 16.52 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BF092063.D
Acq: 3 Jan 2017 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.8	22.2
279	24.0	19.8	29.6





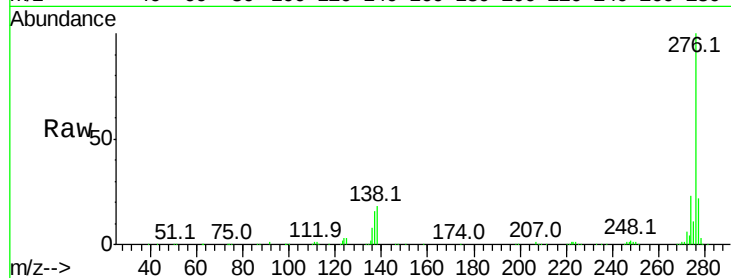
#91
 Benzo(a,h,i)perylene
 Concen: 42.76 ng
 RT: 16.89 min Scan# 1313
 Delta R.T. -0.07 min
 Lab File: BF092063.D
 Acq: 3 Jan 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95719BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.5	19.2	28.8
138	18.4	16.0	24.0

Manual Integrations
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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

