

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092143.D
 Acq On : 9 Jan 2017 17:54
 Operator : UM/SJ
 Sample : PB95818BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:15 AM

Quant Time: Jan 09 22:49:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	226856	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	972922	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	503816	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	822402	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	592982	20.00	ng	0.00
86) Perylene-d12	15.15	264	620811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1855715	136.59	ng	0.01
7) Phenol-d6	6.31	99	2227522	134.29	ng	0.00
23) Nitrobenzene-d5	7.21	82	1590378	90.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	586038	140.56	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2577036	108.35	ng	0.00
78) Terphenyl-d14	12.73	244	2214316	90.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	246875	36.91	ng	97
3) Pyridine	2.82	79	826703	35.41	ng	97
4) n-Nitrosodimethylamine	2.79	42	336235	38.18	ng	99
6) Aniline	6.30	93	506465	23.51	ng	# 53
8) 2-Chlorophenol	6.42	128	676025	43.74	ng	98
9) Benzaldehyde	6.17	77	50806	3.89	ng	98
10) Phenol	6.32	94	916714	48.50	ng	# 74
11) bis(2-Chloroethyl)ether	6.38	93	698576	46.45	ng	99
12) 1,3-Dichlorobenzene	6.57	146	738209	44.74	ng	96
13) 1,4-Dichlorobenzene	6.65	146	738592	43.98	ng	93
14) 1,2-Dichlorobenzene	6.80	146	623801	42.81	ng	99
15) Benzyl Alcohol	6.79	79	548256	42.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	972286	43.41	ng	# 32
17) 2-Methylphenol	6.93	107	587457	47.26	ng	# 91
18) Hexachloroethane	7.14	117	274519	44.09	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	505552	45.81	ng	98
20) 3+4-Methylphenols	7.09	107	832675	56.17	ng	# 71
22) Acetophenone	7.05	105	1034363	43.10	ng	# 92
24) Nitrobenzene	7.22	77	742223	39.83	ng	96
25) Isophorone	7.46	82	1421649	44.04	ng	94
26) 2-Nitrophenol	7.54	139	420575	45.76	ng	89
27) 2,4-Dimethylphenol	7.60	122	614660	40.33	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	847883	43.31	ng	98
29) 2,4-Dichlorophenol	7.80	162	585148	45.34	ng	89
30) 1,2,4-Trichlorobenzene	7.86	180	579853	41.00	ng	# 96
31) Naphthalene	7.94	128	2031709	45.63	ng	100
32) Benzoic acid	7.77	122	465060	41.14	ng	100
33) 4-Chloroaniline	8.00	127	294663	14.68	ng	96
34) Hexachlorobutadiene	8.07	225	311907	41.78	ng	96
35) Caprolactam	8.39	113	207749m	48.98	ng	
36) 4-Chloro-3-methylphenol	8.52	107	636277	42.84	ng	100
37) 2-Methylnaphthalene	8.63	142	1300904	50.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	506434	39.79	ng	# 97
40) Hexachlorocyclopentadiene	8.79	237	471649	83.04	ng	97

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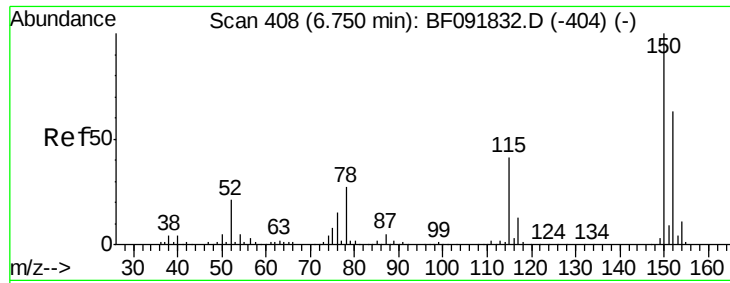
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	392893	44.14	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	373970	40.82	ng #	82
45) 1,1'-Biphenyl	9.10	154	1469453	42.60	ng	97
46) 2-Chloronaphthalene	9.12	162	1127968	41.29	ng	95
47) 2-Nitroaniline	9.22	65	385725	39.66	ng	98
48) Acenaphthylene	9.53	152	1723900	41.03	ng	99
49) Dimethylphthalate	9.42	163	1539980	47.79	ng	100
50) 2,6-Dinitrotoluene	9.48	165	348346	49.39	ng	95
51) Acenaphthene	9.70	154	1081544	37.97	ng	99
52) 3-Nitroaniline	9.64	138	178388	20.44	ng	96
53) 2,4-Dinitrophenol	9.76	184	402967	102.68	ng	97
54) Dibenzofuran	9.88	168	1501257	39.03	ng	98
55) 4-Nitrophenol	9.84	139	470390	79.37	ng	97
56) 2,4-Dinitrotoluene	9.88	165	349404	39.47	ng #	70
57) Fluorene	10.22	166	1129048	40.34	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	334622	46.18	ng	96
59) Diethylphthalate	10.12	149	1439673	46.00	ng	95
60) 4-Chlorophenyl-phenylether	10.22	204	571885	46.67	ng #	84
61) 4-Nitroaniline	10.26	138	379883	42.00	ng	87
62) Azobenzene	10.38	77	1697242	49.26	ng	90
64) 4,6-Dinitro-2-methylphenol	10.29	198	230369	46.32	ng #	59
65) n-Nitrosodiphenylamine	10.34	169	1212182	49.67	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	355100	41.51	ng	96
67) Hexachlorobenzene	10.77	284	397701	43.49	ng	97
68) Atrazine	10.87	200	354682	45.06	ng	98
69) Pentachlorophenol	10.97	266	413476	92.15	ng	99
70) Phenanthrene	11.18	178	2029600m	45.51	ng	
71) Anthracene	11.22	178	1758281m	44.19	ng	
72) Carbazole	11.38	167	1760802	50.95	ng	99
73) Di-n-butylphthalate	11.73	149	2167181	51.92	ng	98
74) Fluoranthene	12.36	202	1856032	47.67	ng	99
76) Benzidine	12.48	184	475962	28.77	ng	96
77) Pyrene	12.58	202	1999744	45.96	ng	100
79) Butylbenzylphthalate	13.21	149	865196	43.72	ng	100
80) Benzo(a)anthracene	13.77	228	1612812	48.18	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	379732	29.92	ng #	95
82) Chrysene	13.81	228	1430320	42.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1111526	47.70	ng #	94
84) Di-n-octyl phthalate	14.39	149	2129727	49.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	1437079	49.41	ng	99
87) Benzo(b)fluoranthene	14.78	252	1799551m	46.56	ng	
88) Benzo(k)fluoranthene	14.80	252	1182990m	35.89	ng	
89) Benzo(a)pyrene	15.10	252	1496634	43.63	ng	98
90) Dibenzo(a,h)anthracene	16.44	278	1167898	41.42	ng	98
91) Benzo(g,h,i)perylene	16.80	276	1222875	41.71	ng	96

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



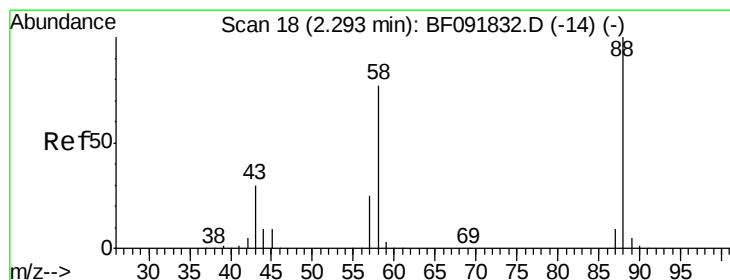
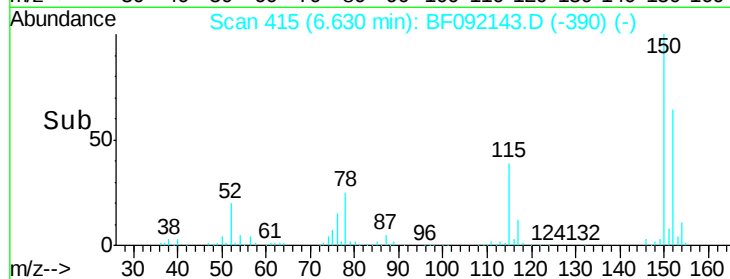
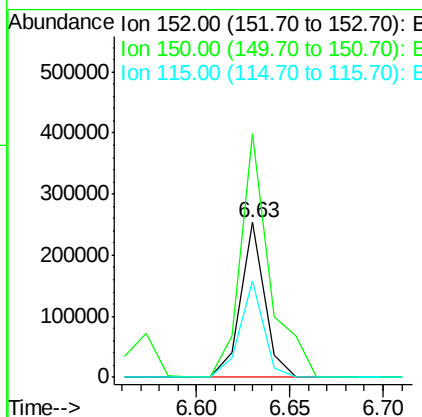
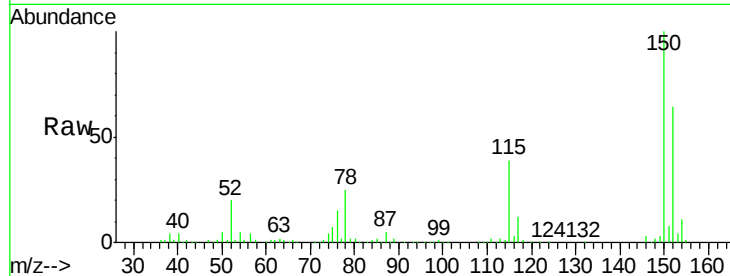
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
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 ClientSampleId :
 PB95818BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	62.1	46.0	69.0

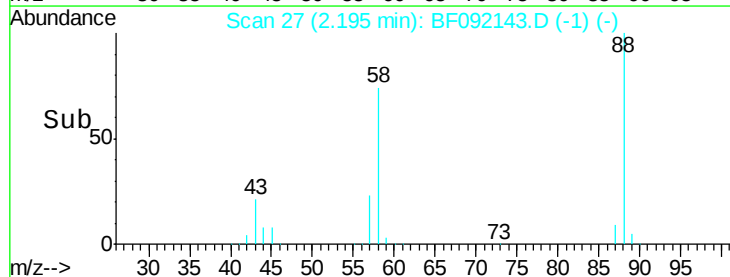
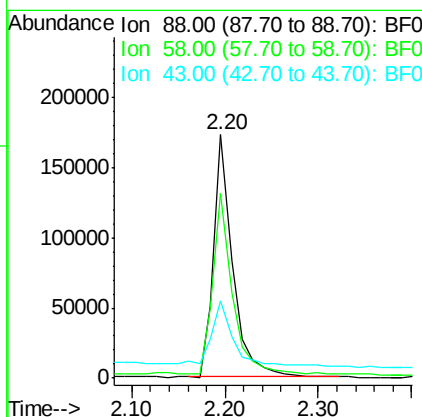
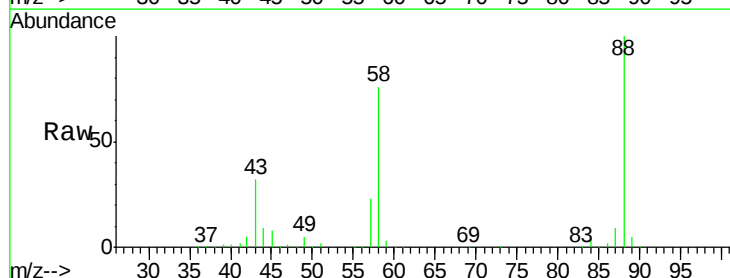
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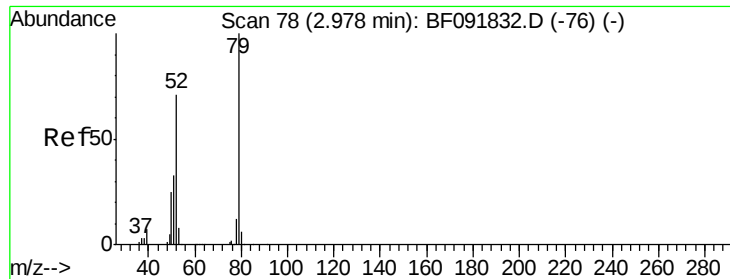
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#2
 1,4-Dioxane
 Concen: 36.91 ng
 RT: 2.20 min Scan# 27
 Delta R.T. 0.11 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	57.8	86.8
43	29.0	22.3	33.5





#3

Pyridine

Concen: 35.41 ng

RT: 2.82 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

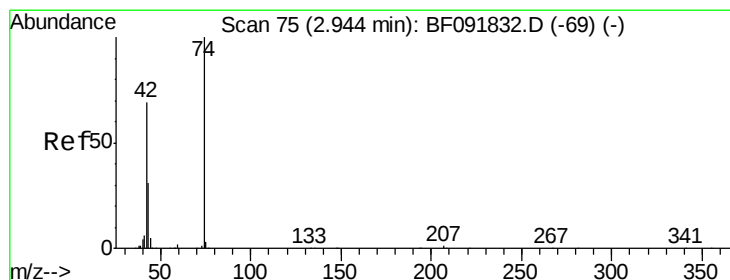
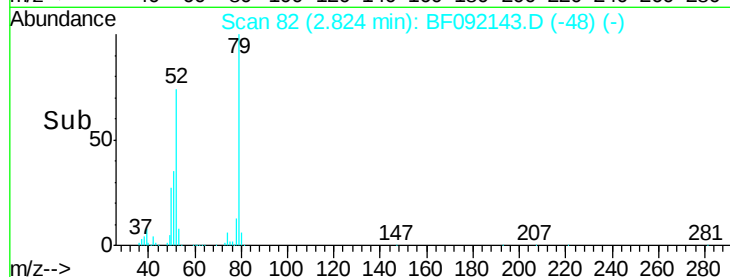
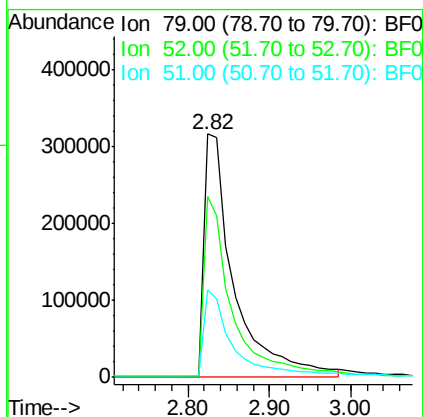
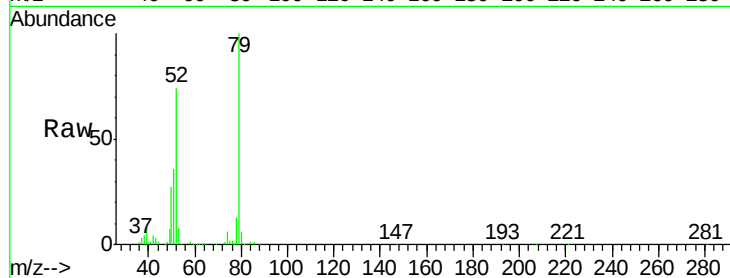
ClientSampleId :

PB95818BS

Tgt Ion:	79	Resp:	826703
Ion Ratio	Lower	Upper	
79	100		
52	74.2	57.1	85.7
51	36.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 38.18 ng

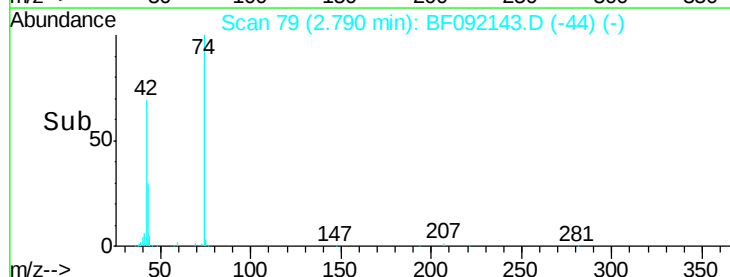
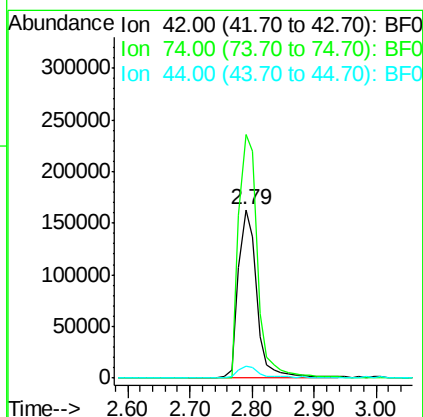
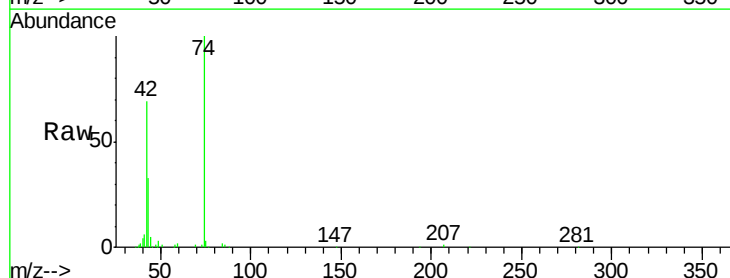
RT: 2.79 min Scan# 79

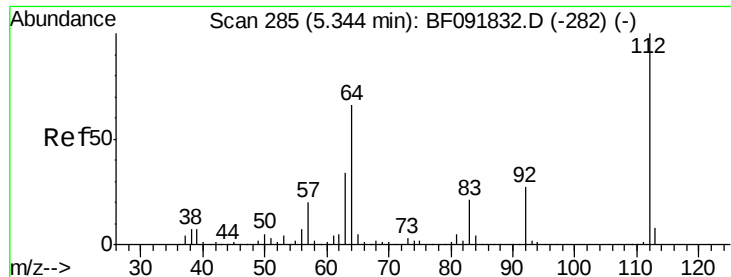
Delta R.T. 0.10 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	42	Resp:	336235
Ion Ratio	Lower	Upper	
42	100		
74	144.8	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 136.59 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion: 112 Resp: 1855715

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

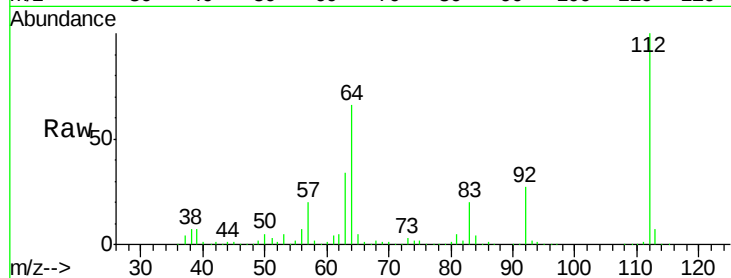
63 33.7 23.8 35.6

Manual Integrations

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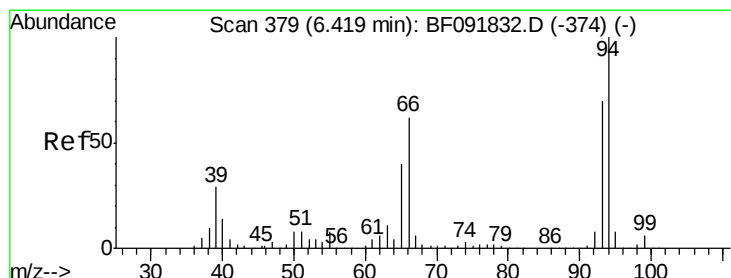
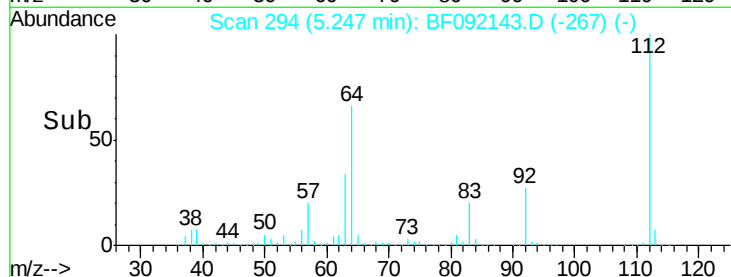
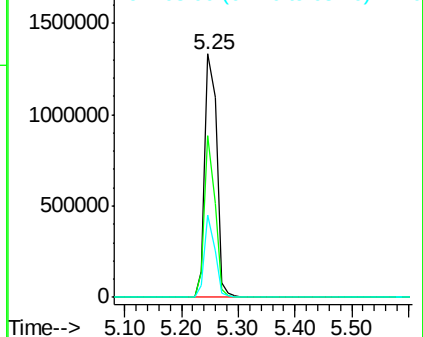
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.51 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

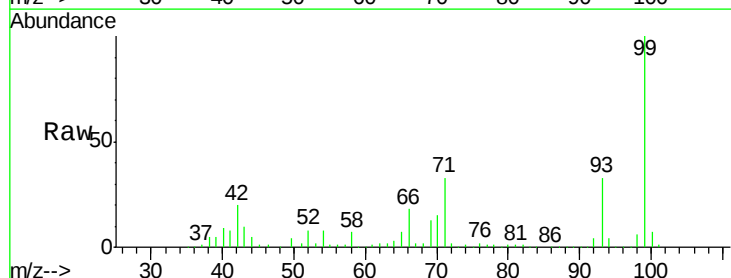
Tgt Ion: 93 Resp: 506465

Ion Ratio Lower Upper

93 100

66 52.7 76.2 114.2#

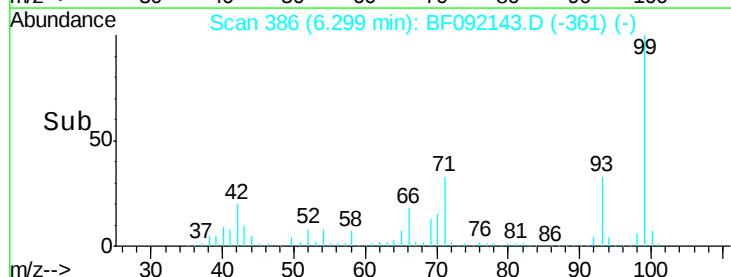
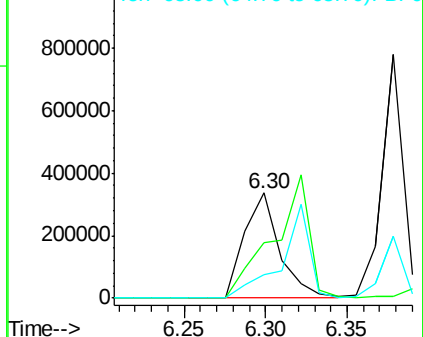
65 22.4 49.3 73.9#



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: 134.29 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion: 99 Resp: 2227522

Ion Ratio Lower Upper

99 100

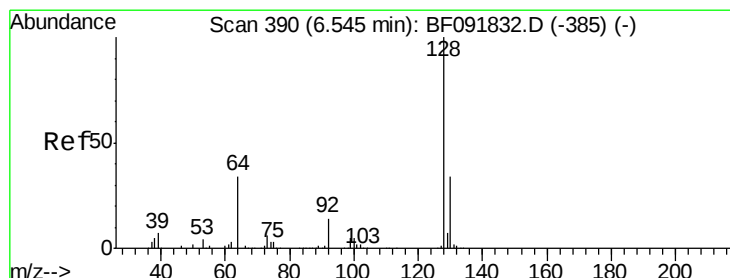
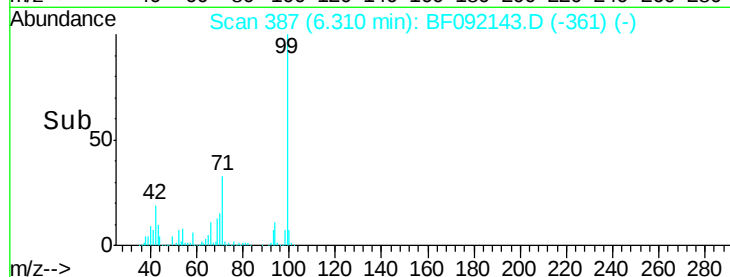
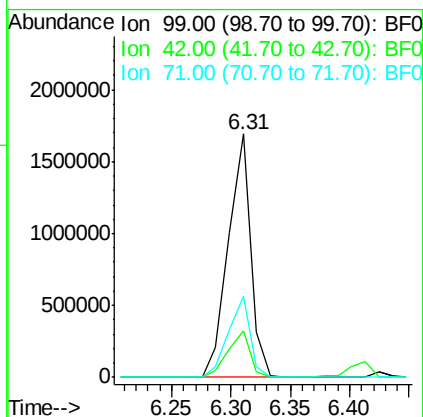
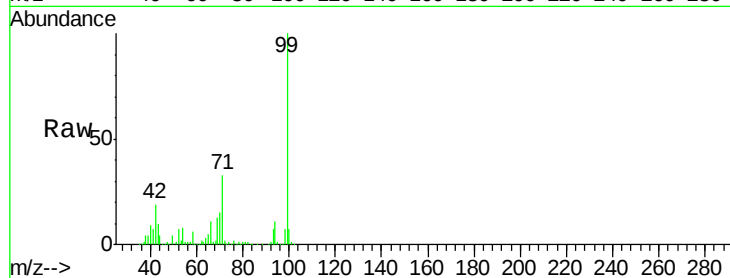
42 18.9 15.6 23.4

71 33.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 43.74 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

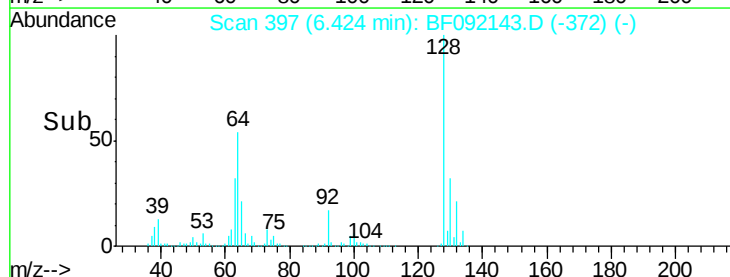
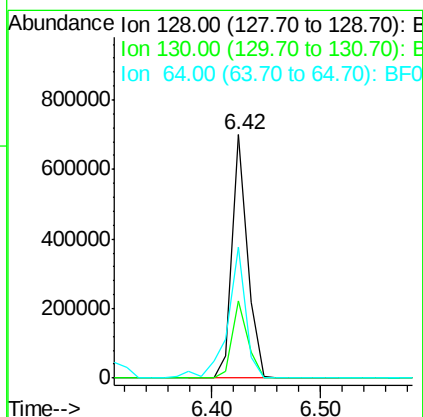
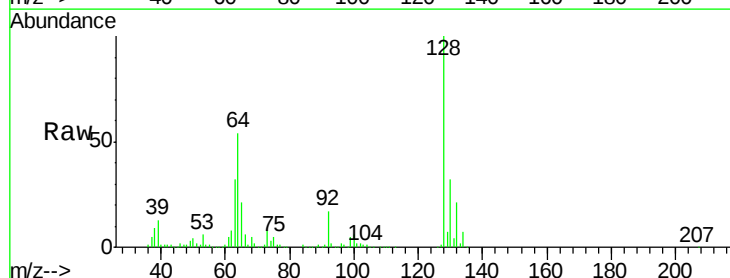
Tgt Ion: 128 Resp: 676025

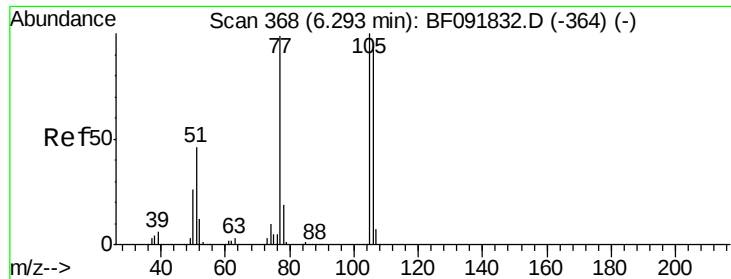
Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

64 53.9 32.2 72.2





#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

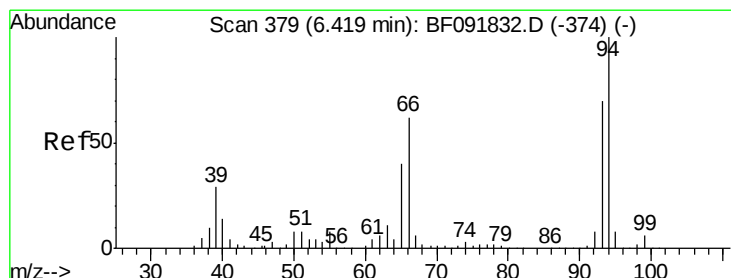
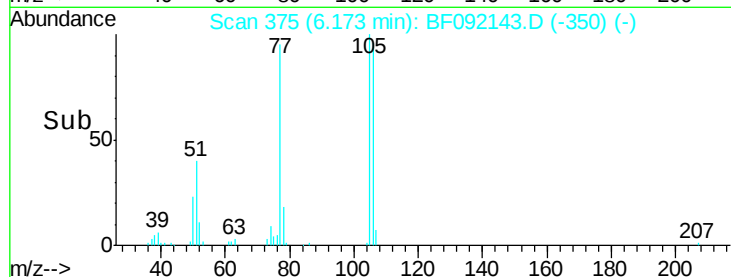
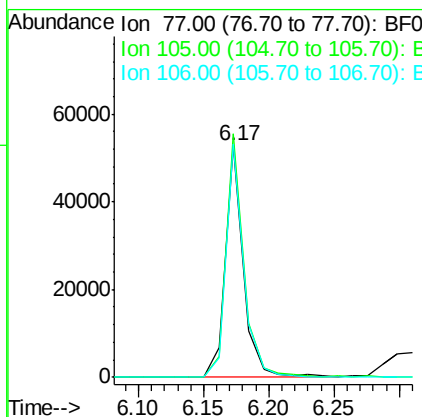
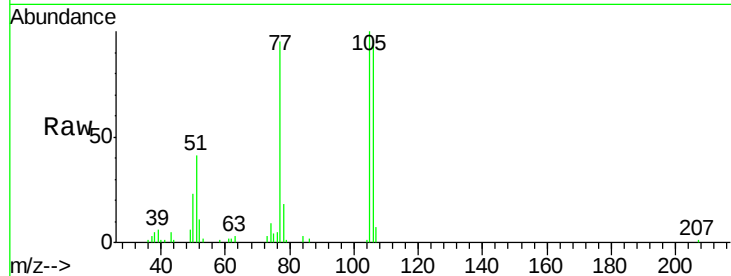
ClientSampleId :

PB95818BS

Tgt Ion:	77	Resp:	50806
Ion	Ratio	Lower	Upper
77	100		
105	104.9	83.9	123.9
106	100.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 48.50 ng

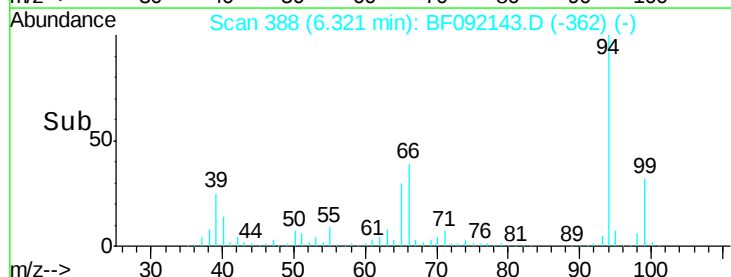
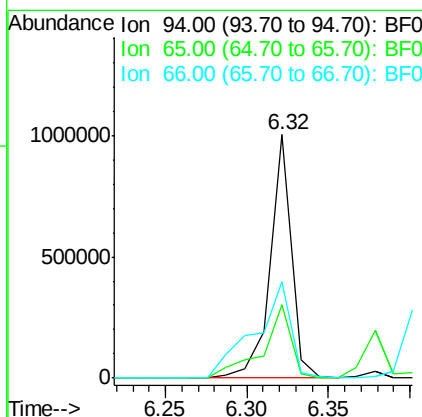
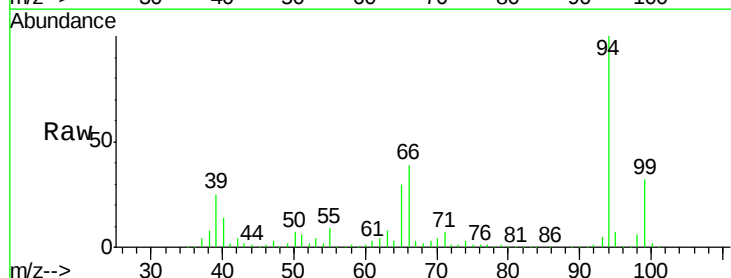
RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	94	Resp:	916714
Ion	Ratio	Lower	Upper
94	100		
65	30.1	21.4	61.4
66	39.5	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.45 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion: 93 Resp: 698576
Ion Ratio Lower Upper

93 100

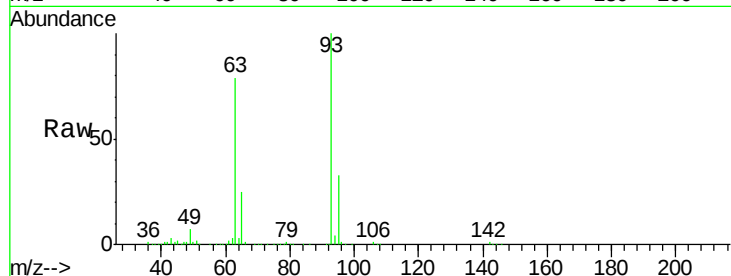
63 78.8 60.4 100.4

95 32.6 12.8 52.8

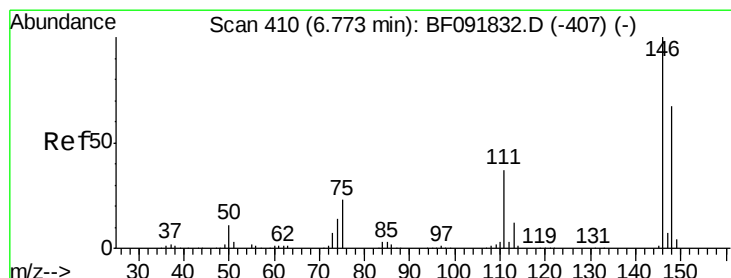
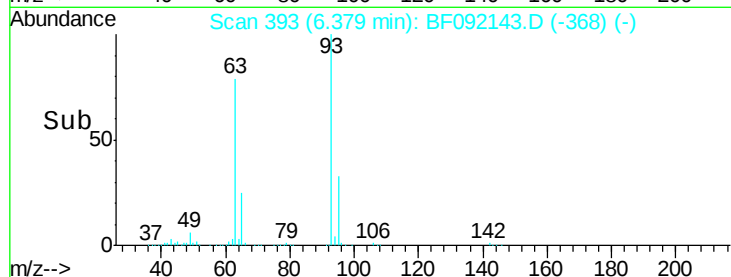
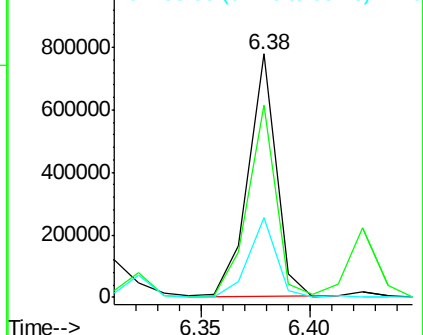
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Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.74 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF092143.D

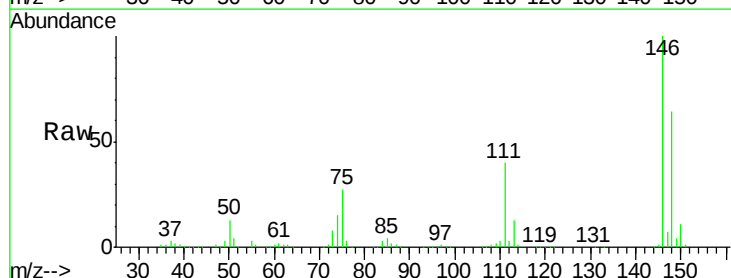
Acq: 9 Jan 2017 17:54

Tgt Ion: 146 Resp: 738209
Ion Ratio Lower Upper

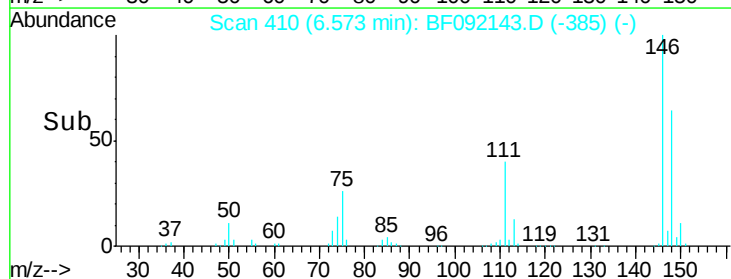
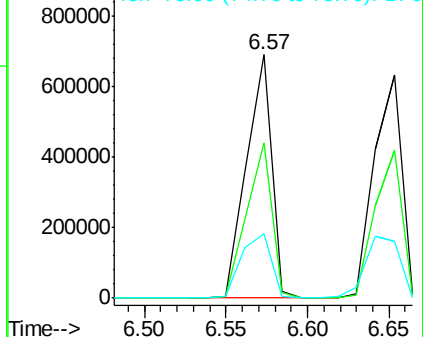
146 100

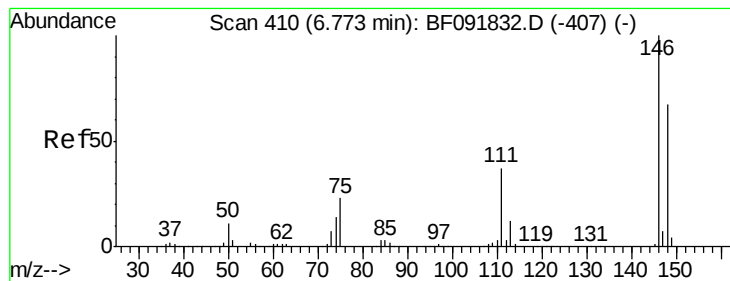
148 64.0 53.4 80.0

75 26.6 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.98 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

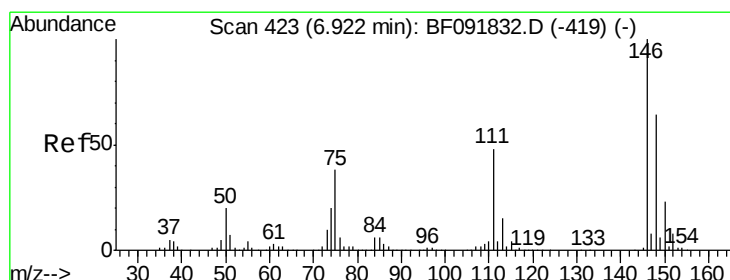
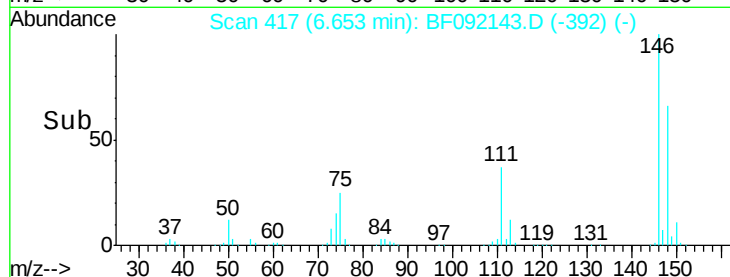
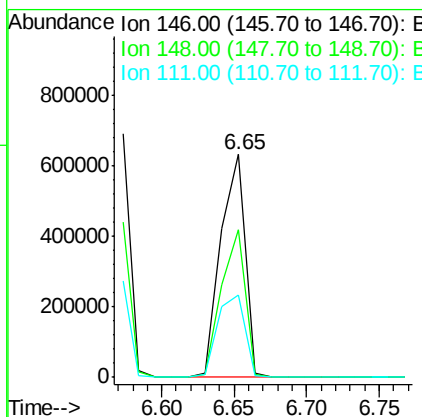
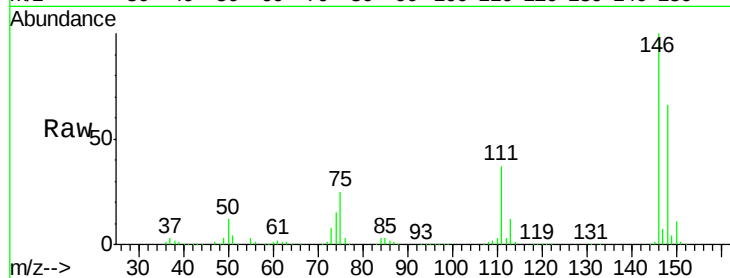
ClientSampleId :

PB95818BS

Tgt Ion:	146	Resp:	738592
Ion Ratio	Lower	Upper	
146	100		
148	66.1	50.6	76.0
111	37.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 42.81 ng

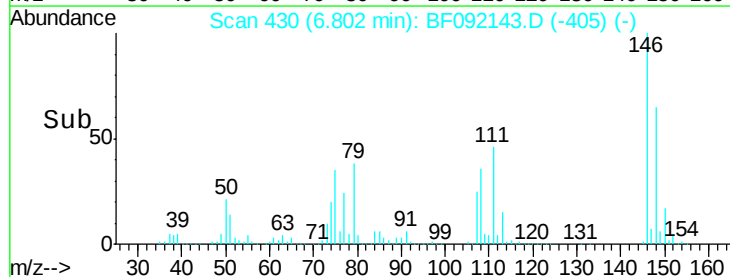
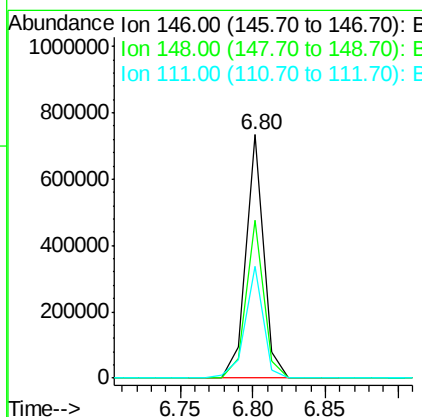
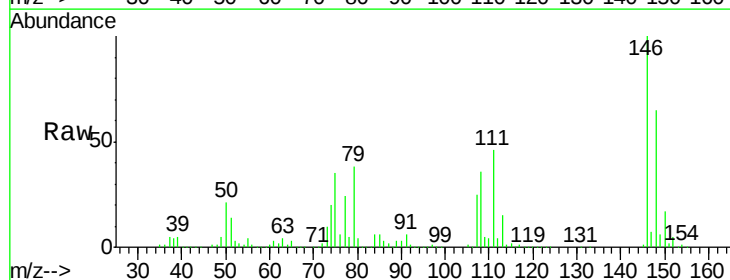
RT: 6.80 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	146	Resp:	623801
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	45.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.54 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

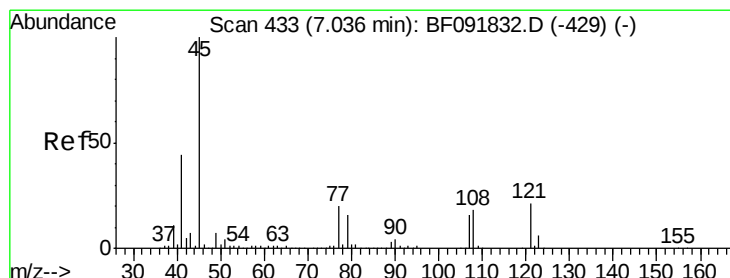
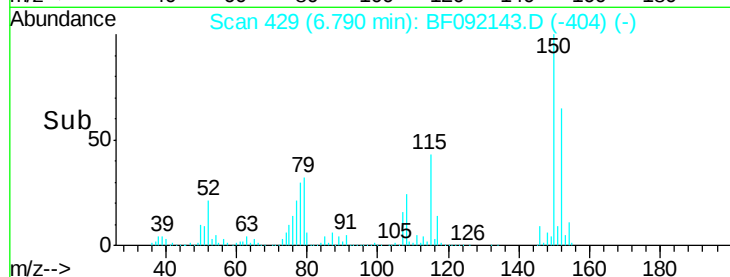
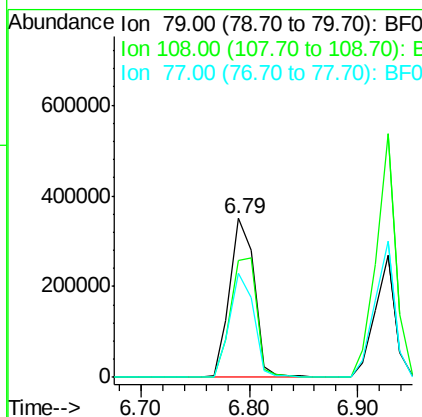
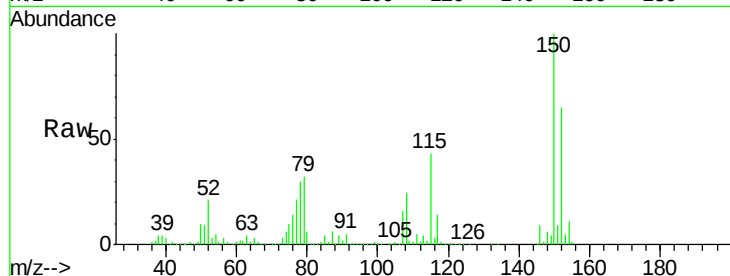
ClientSampled :

PB95818BS

Tgt Ion:	79	Resp:	548256
Ion Ratio	Lower	Upper	
79	100		
108	73.9	61.4	92.0
77	65.7	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.41 ng

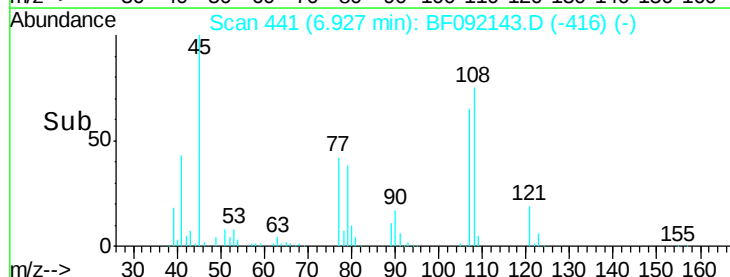
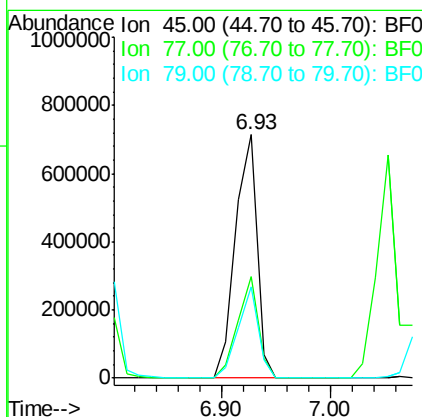
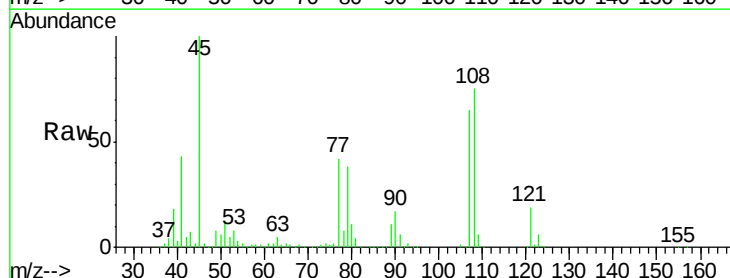
RT: 6.93 min Scan# 441

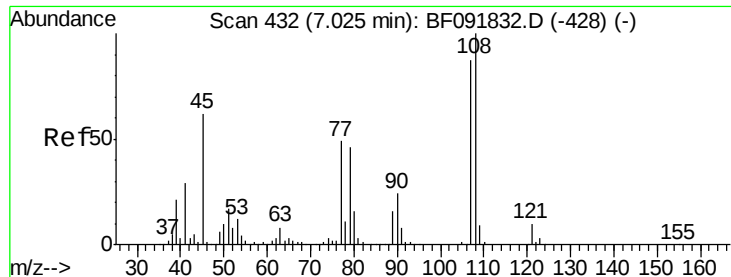
Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	45	Resp:	972286
Ion Ratio	Lower	Upper	
45	100		
77	41.9	0.0	34.6#
79	37.6	0.0	31.2#





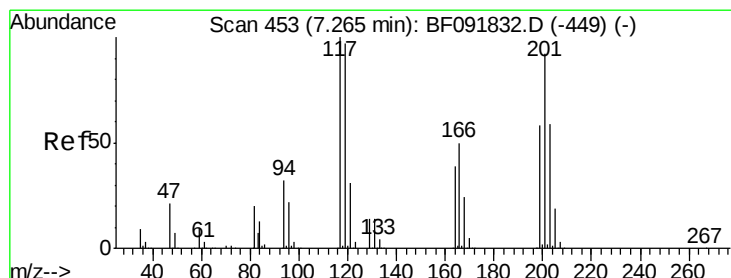
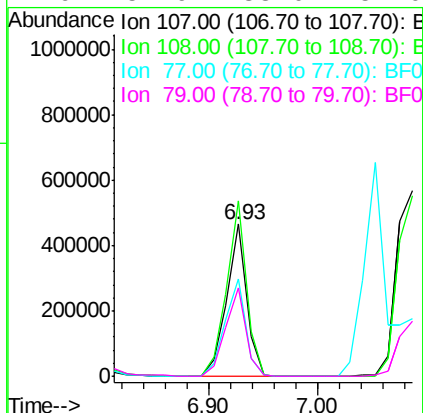
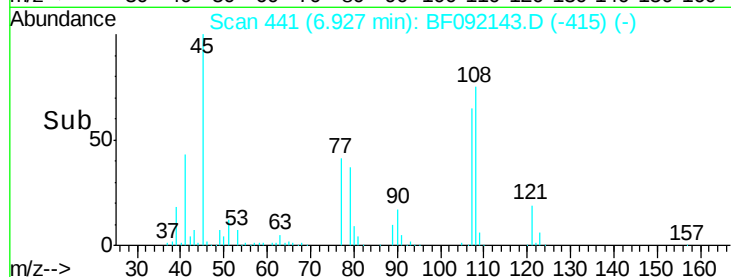
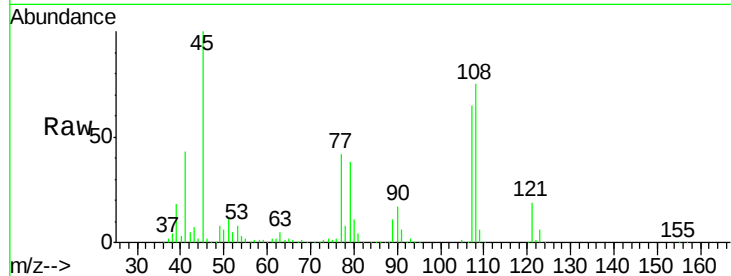
#17
2-Methylphenol
Concen: 47.26 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	115.5	93.0	139.6	
77	64.5	39.8	59.8#	
79	57.9	38.0	57.0#	

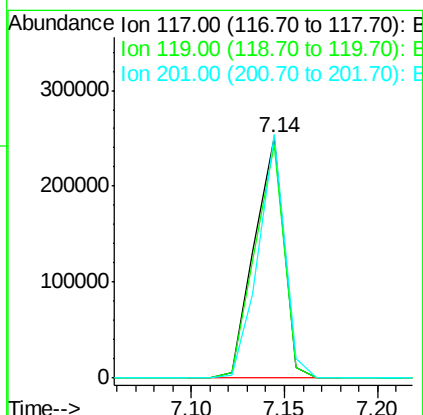
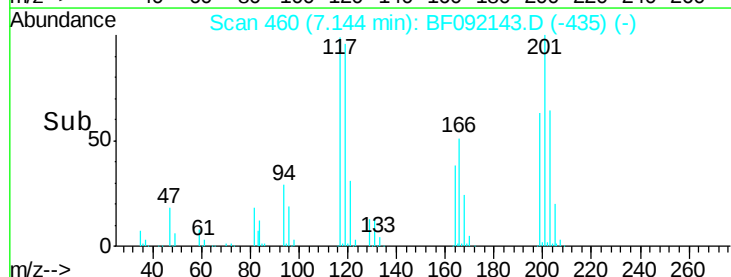
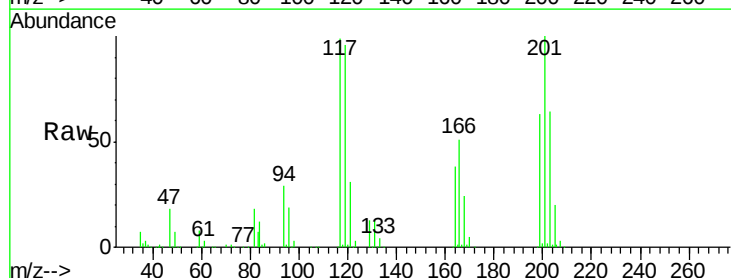
Manual Integrations
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#18
Hexachloroethane
Concen: 44.09 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt	Ion	Resp	Lower	Upper
117	100			
119	96.6	78.1	117.1	
201	101.0	78.6	117.8	





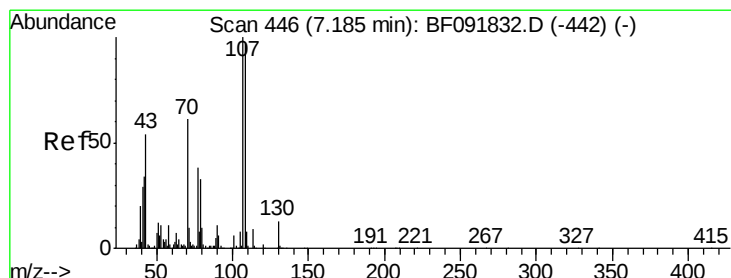
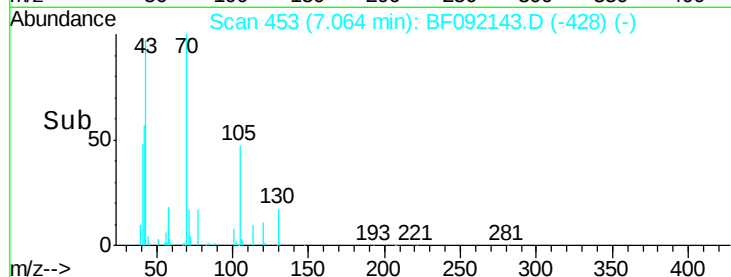
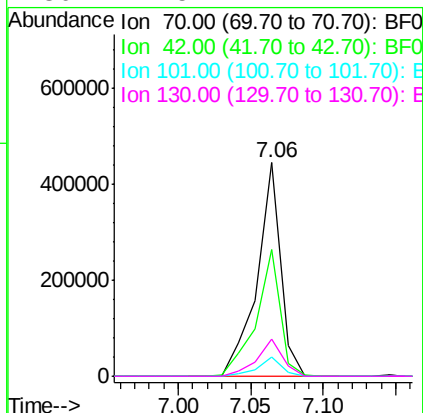
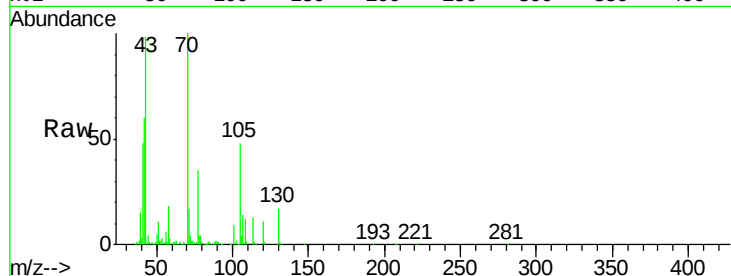
#19
n-Nitroso-di-n-propylamine
Concen: 45.81 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	49.4	74.0	
101	8.7	7.4	11.2	
130	17.5	14.2	21.4	

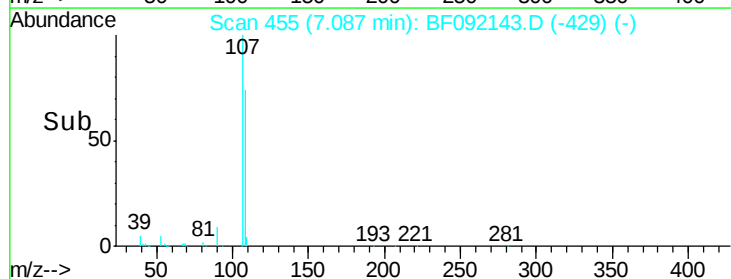
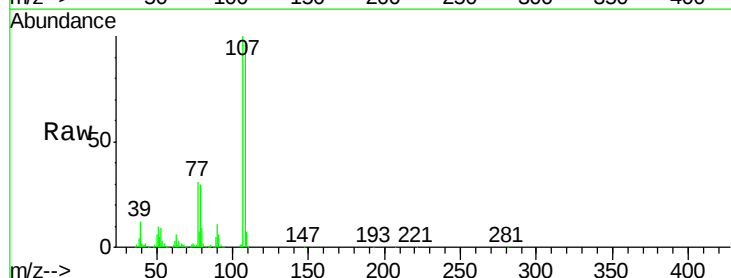
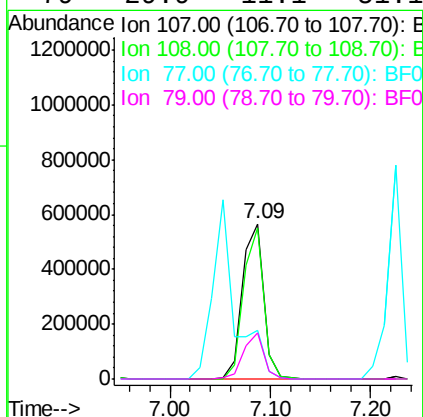
Manual Integrations
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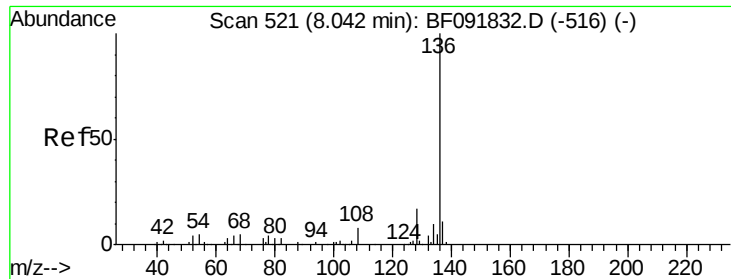
Sohil
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#20
3+4-Methylphenols
Concen: 56.17 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	97.2	73.0	113.0	
77	31.4	71.3	111.3#	
79	29.9	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

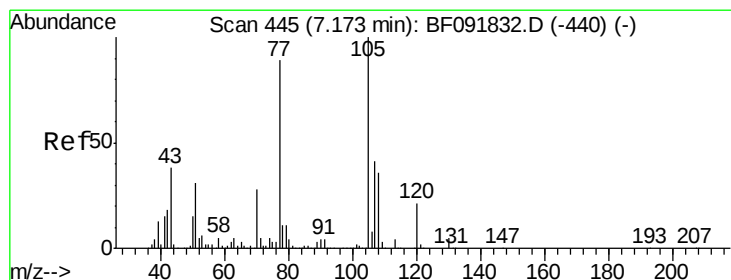
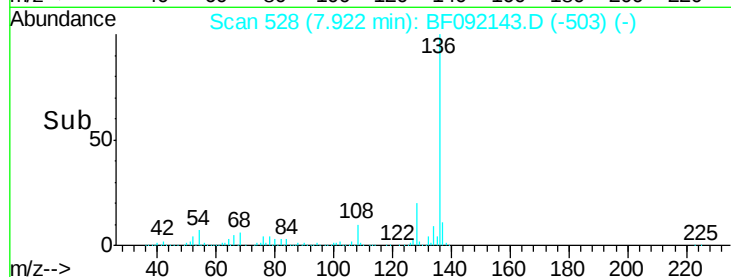
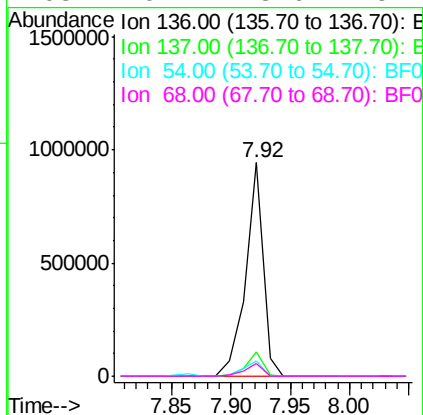
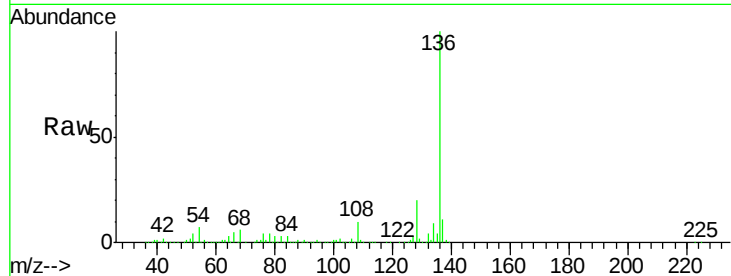
ClientSampled :

PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	972922		
137	11.3	8.4	12.6	
54	7.3	4.5	6.7#	
68	6.1	3.6	5.4#	

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#22

Acetophenone

Concen: 43.10 ng

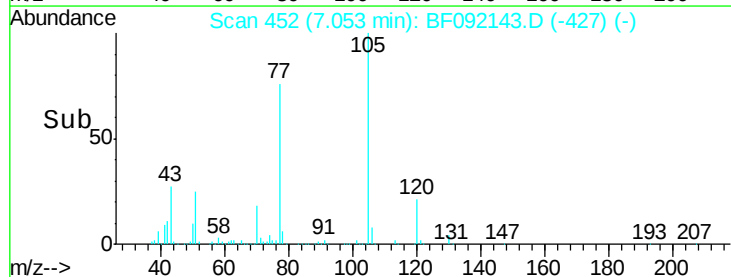
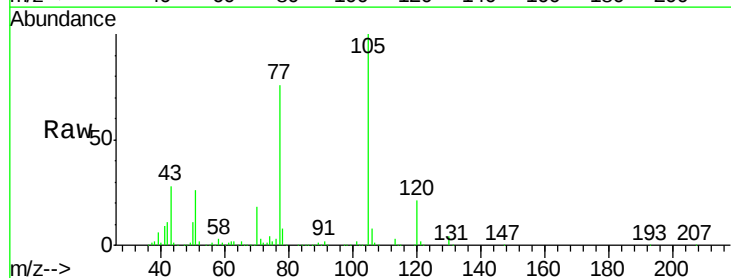
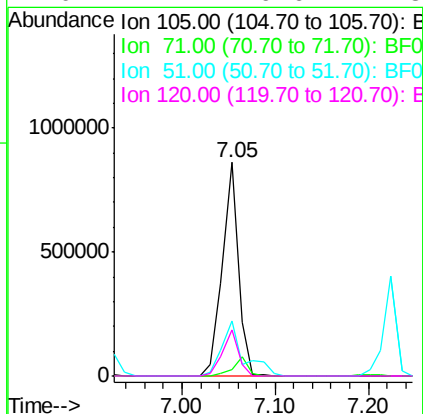
RT: 7.05 min Scan# 452

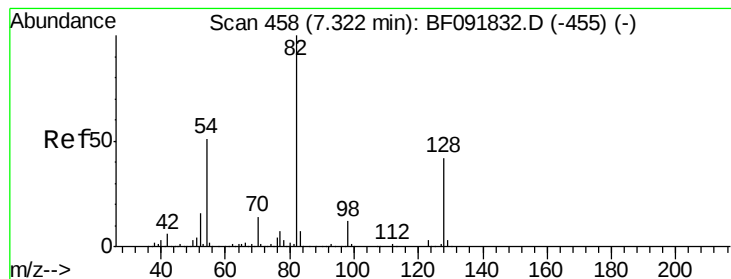
Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1034363		
71	2.9	3.2	4.8#	
51	25.6	26.2	39.4#	
120	21.4	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 90.90 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion: 82 Resp: 1590378

Ion Ratio Lower Upper

82 100

128 49.0 34.6 52.0

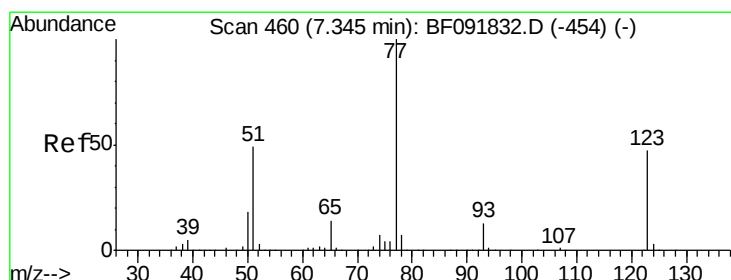
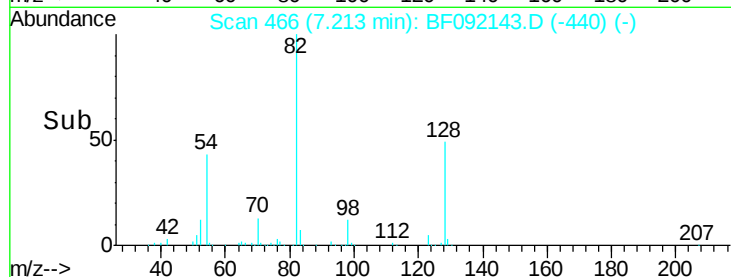
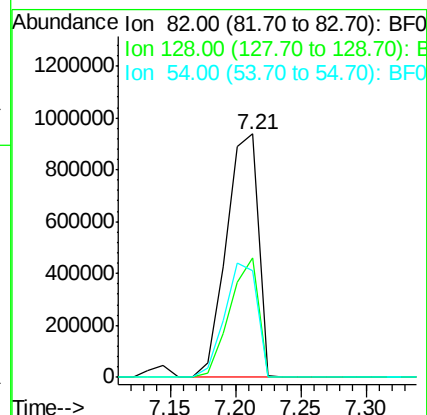
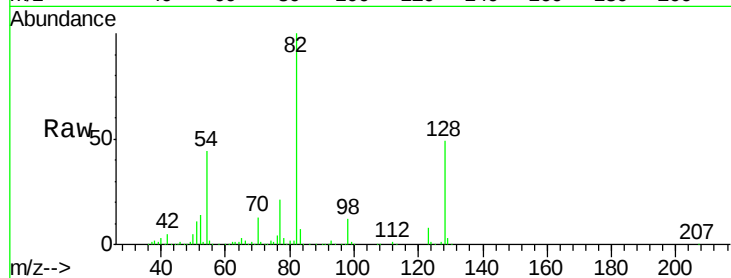
54 44.0 39.5 59.3

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#24

Nitrobenzene

Concen: 39.83 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

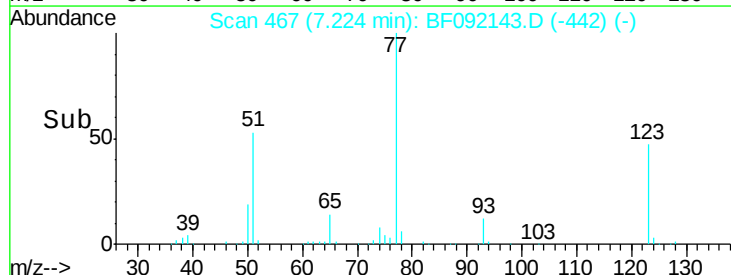
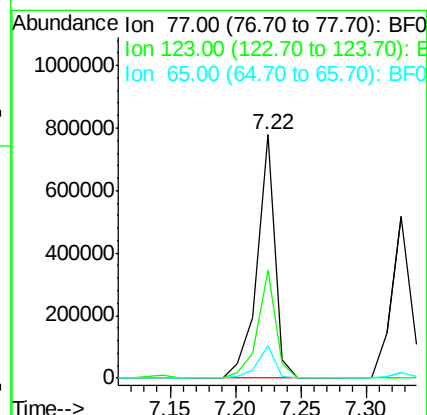
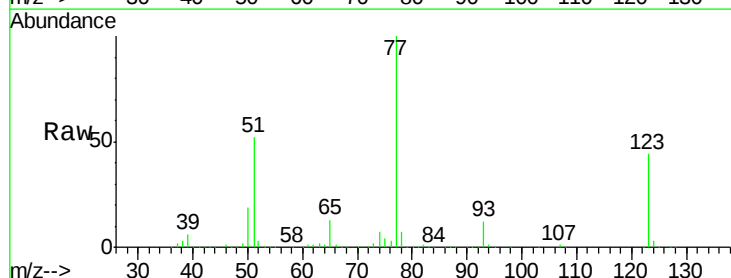
Tgt Ion: 77 Resp: 742223

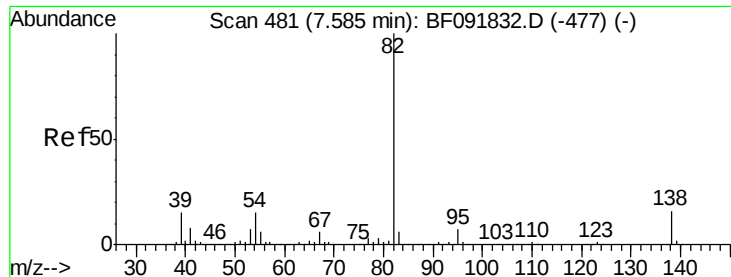
Ion Ratio Lower Upper

77 100

123 44.2 33.0 49.4

65 13.5 11.2 16.8





#25

Isophorone

Concen: 44.04 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion: 82 Resp: 1421649

Ion Ratio Lower Upper

82 100

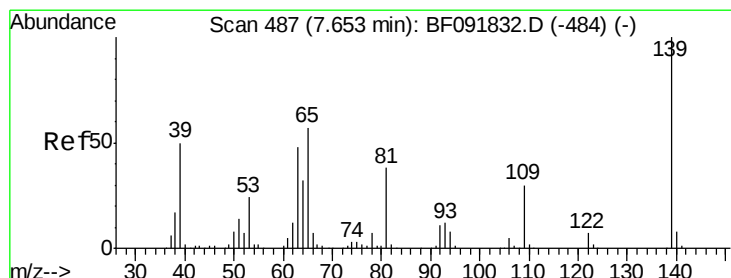
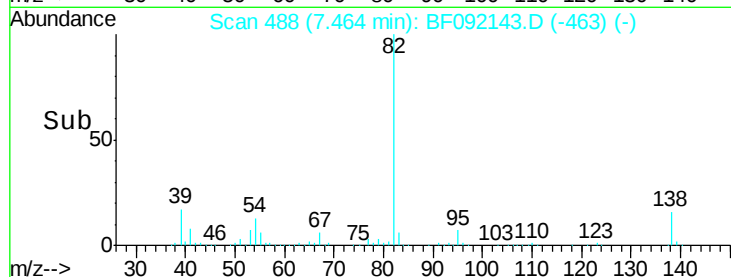
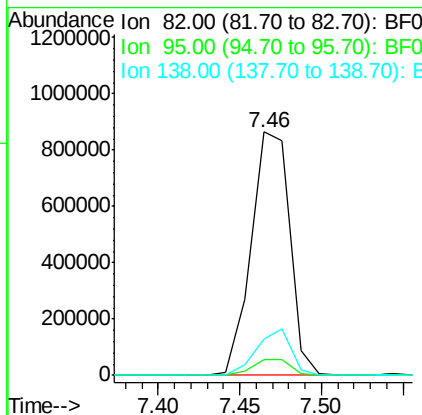
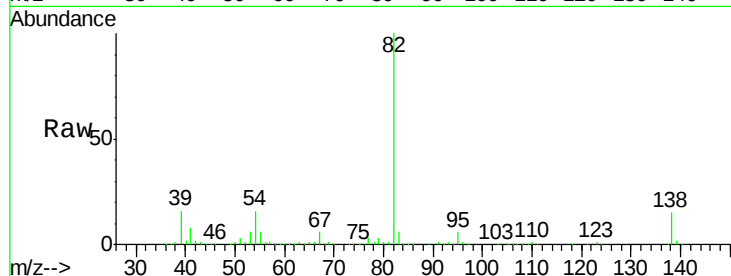
95 6.3 5.6 8.4

138 14.9 14.6 22.0

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#26

2-Nitrophenol

Concen: 45.76 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

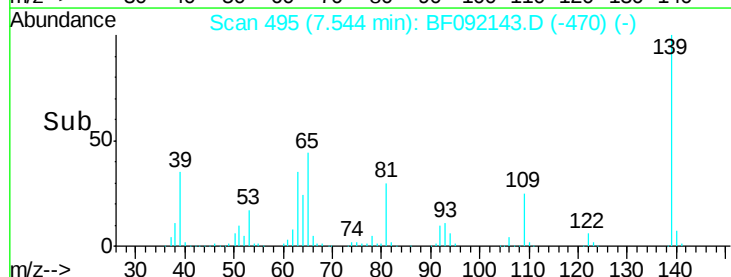
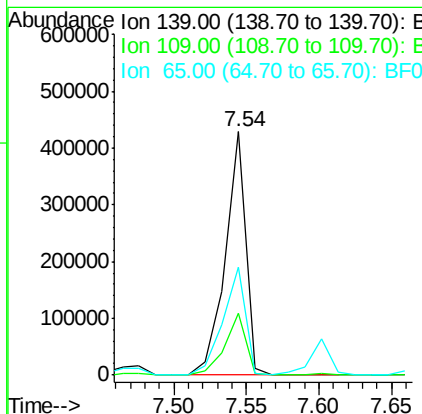
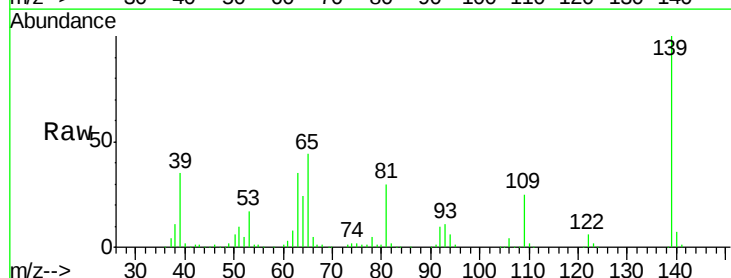
Tgt Ion: 139 Resp: 420575

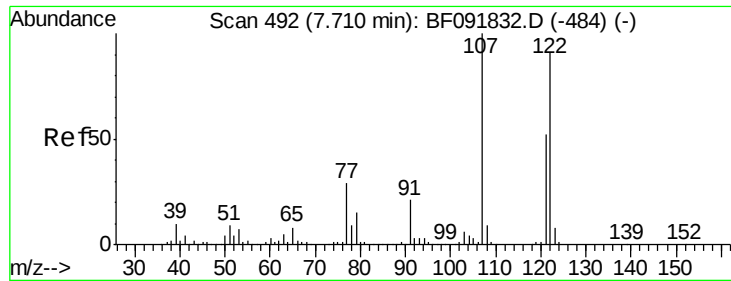
Ion Ratio Lower Upper

139 100

109 25.4 23.3 34.9

65 44.5 42.7 64.1





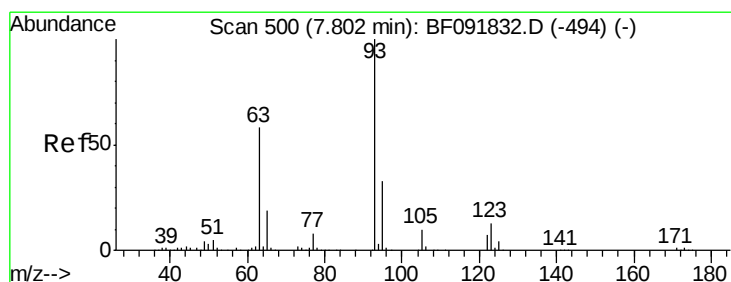
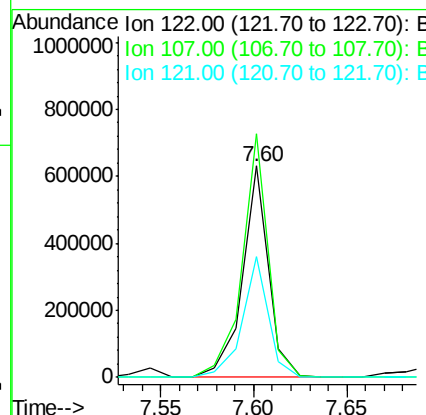
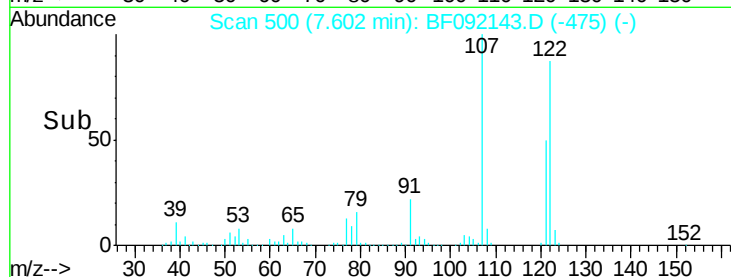
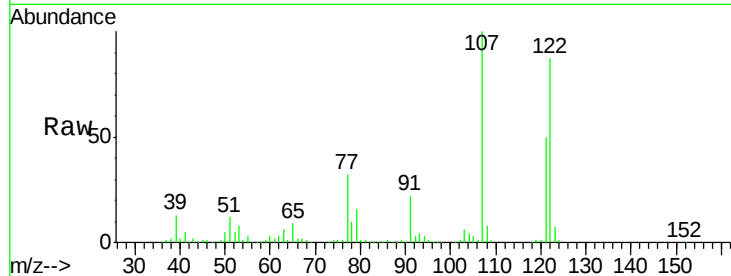
#27
2,4-Dimethylphenol
Concen: 40.33 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	614660		
107	115.3	94.1	141.1	
121	57.1	46.0	69.0	

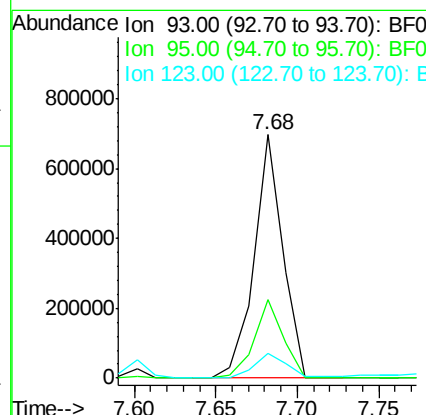
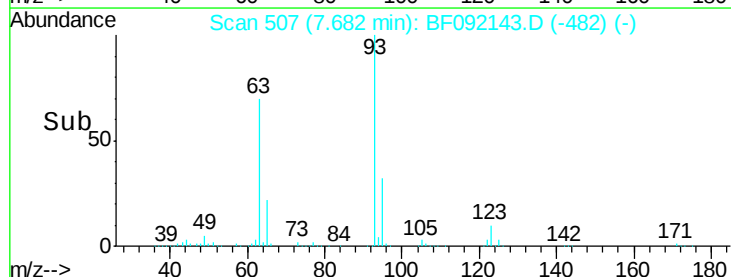
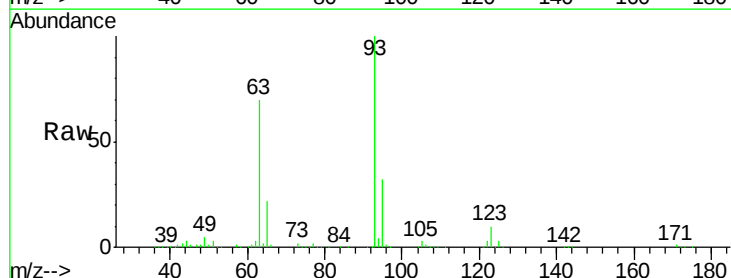
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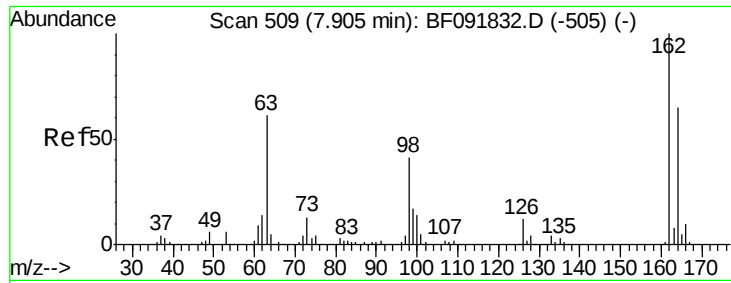
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.31 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	847883		
95	32.2	26.5	39.7	
123	10.1	8.6	13.0	





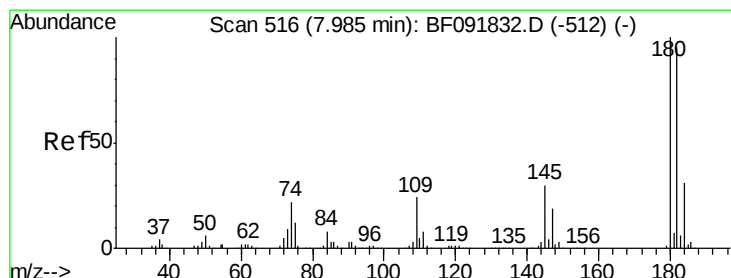
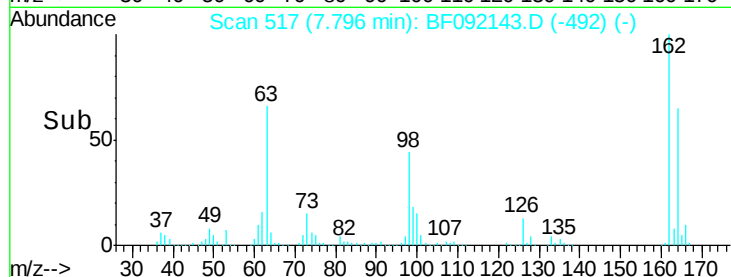
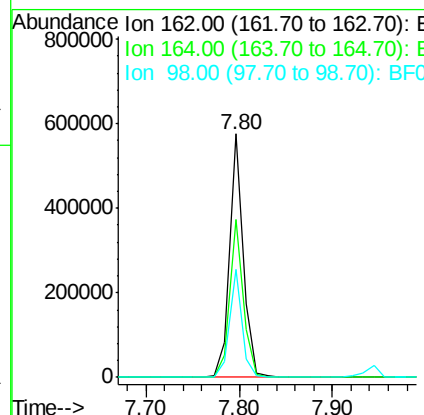
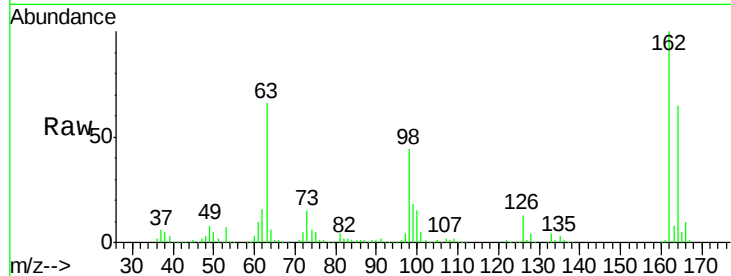
#29
2,4-Dichlorophenol
Concen: 45.34 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	585148		
164	64.6	46.8	86.8	
98	44.3	9.1	49.1	

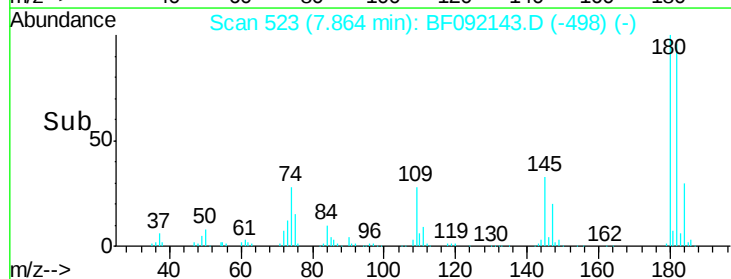
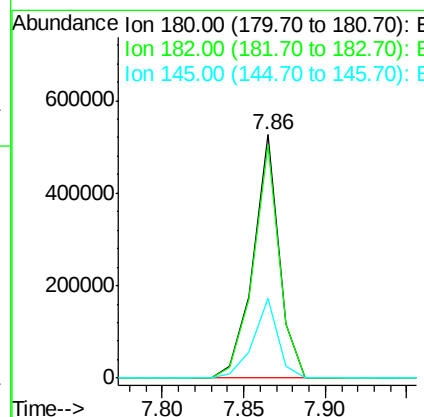
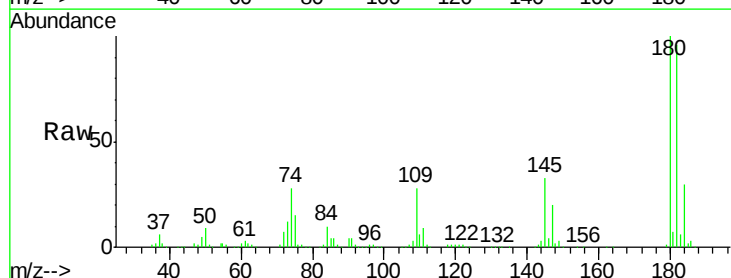
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#30
1,2,4-Trichlorobenzene
Concen: 41.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	579853		
182	95.9	78.2	117.4	
145	32.8	21.6	32.4	





#31

Naphthalene

Concen: 45.63 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion:128 Resp: 2031709

Ion Ratio Lower Upper

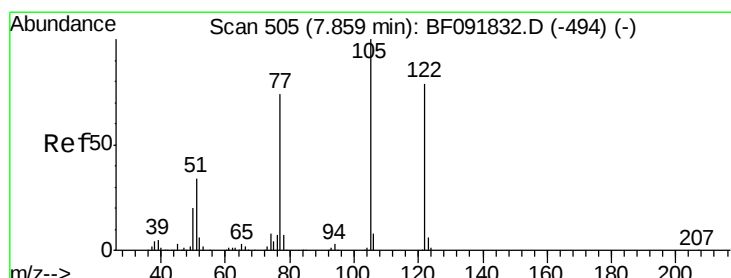
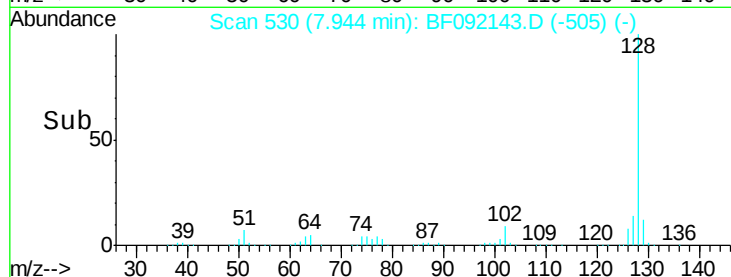
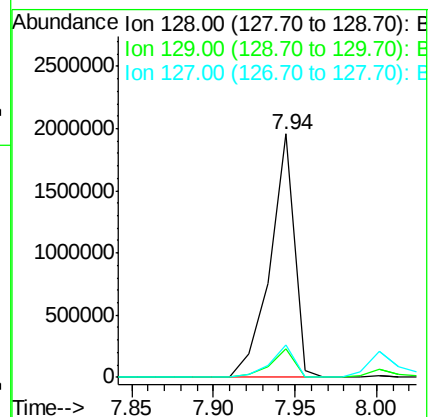
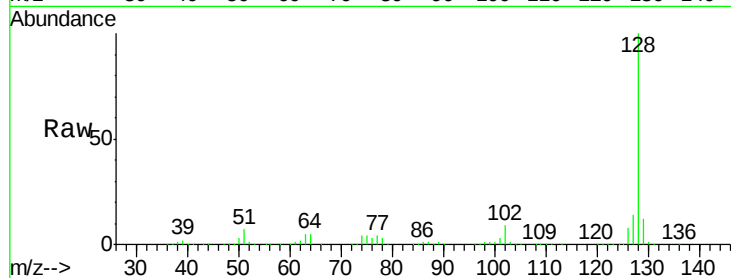
128 100

129 11.7 9.5 14.3

127 13.5 10.8 16.2

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#32

Benzoic acid

Concen: 41.14 ng

RT: 7.77 min Scan# 515

Delta R.T. 0.02 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

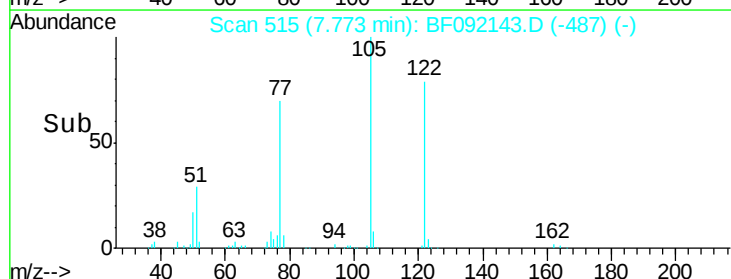
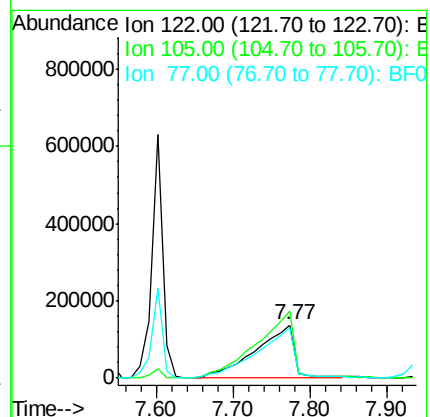
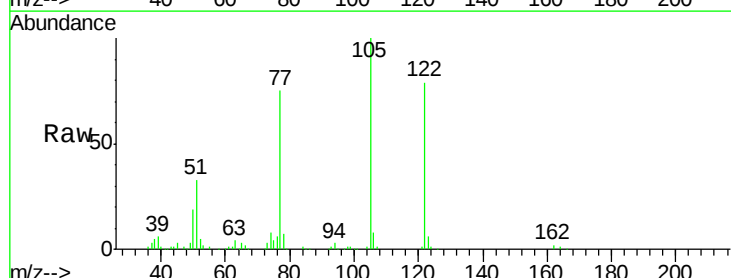
Tgt Ion:122 Resp: 465060

Ion Ratio Lower Upper

122 100

105 126.4 107.2 147.2

77 94.4 74.5 114.5





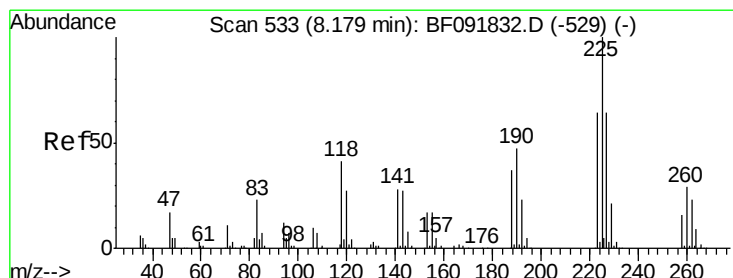
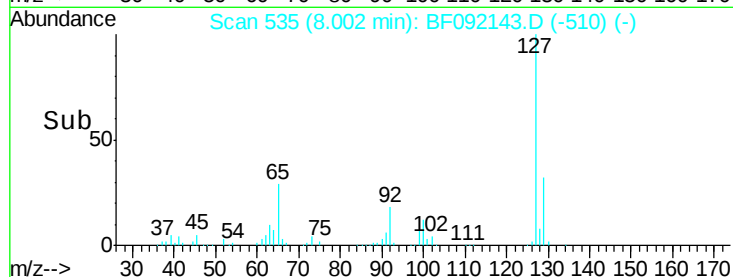
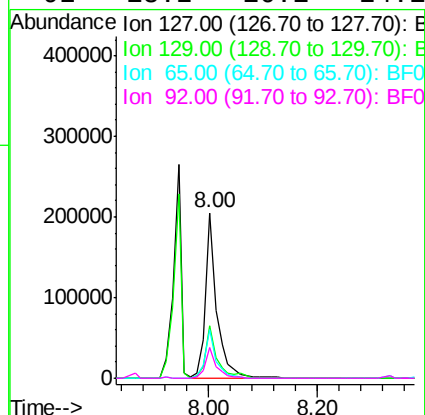
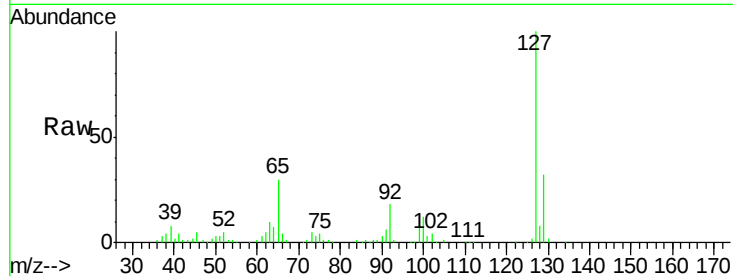
#33
4-Chloroaniline
Concen: 14.68 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	294663		
129	31.8	26.3	39.5	
65	29.7	25.8	38.8	
92	18.2	16.1	24.1	

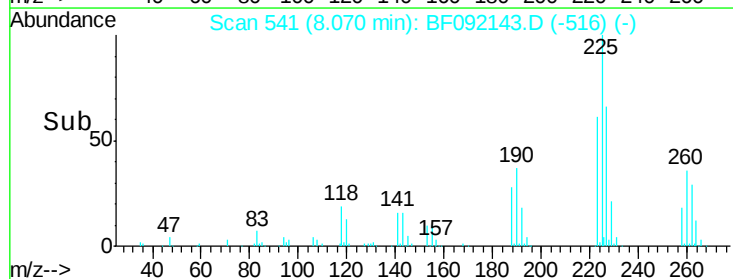
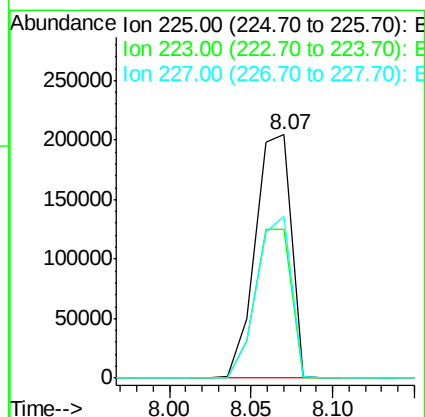
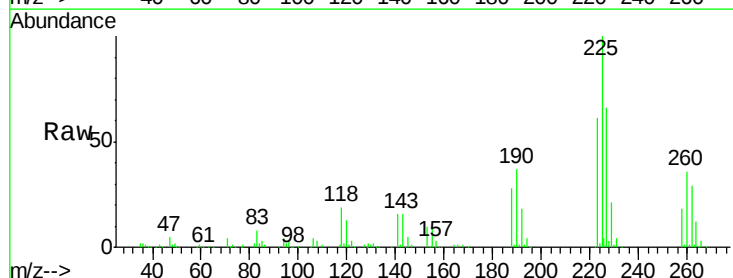
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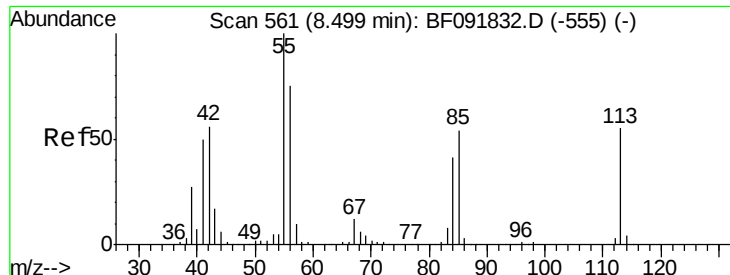
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#34
Hexachlorobutadiene
Concen: 41.78 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	311907		
223	61.3	51.0	76.6	
227	66.5	50.6	76.0	





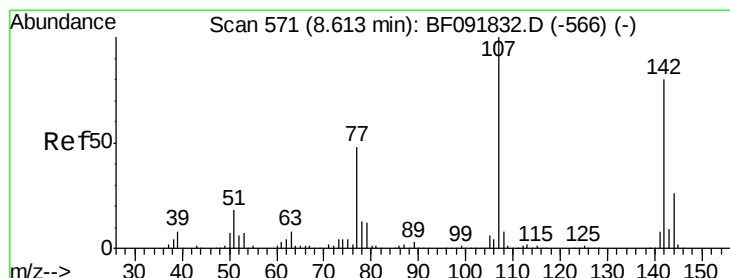
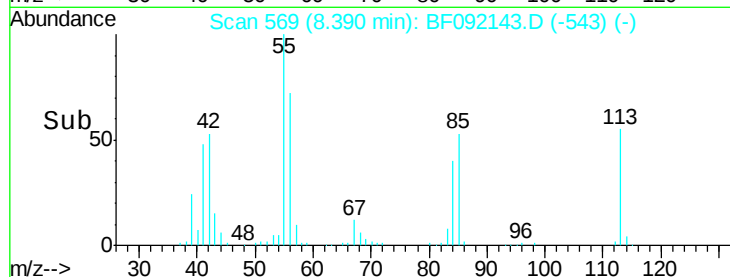
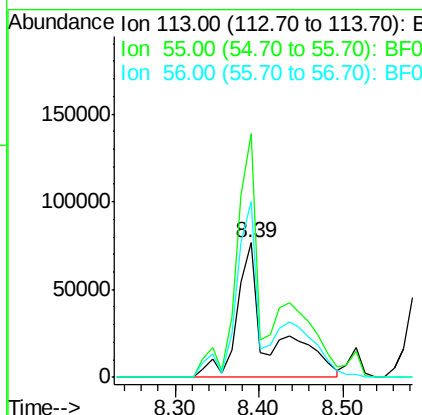
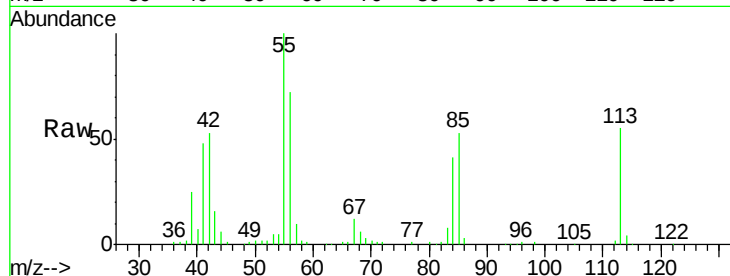
#35
Caprolactam
Concen: 48.98 ng m
RT: 8.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion:113 Resp: 207749
Ion Ratio Lower Upper
113 100
55 180.7 119.2 159.2#
56 130.5 83.8 123.8#

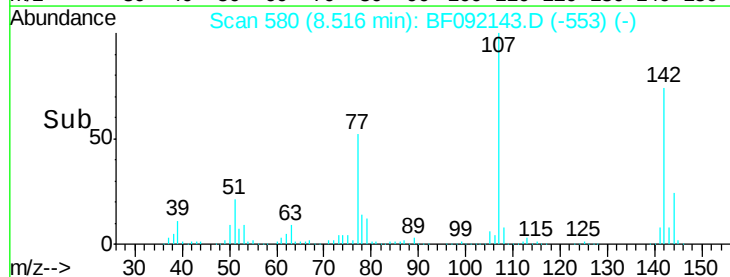
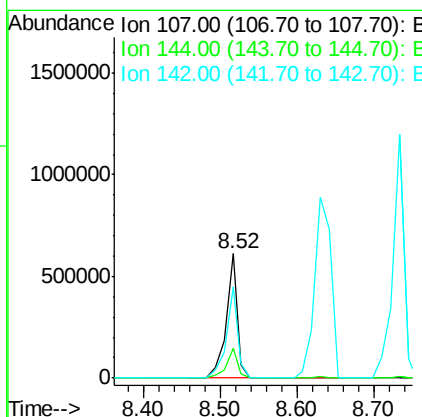
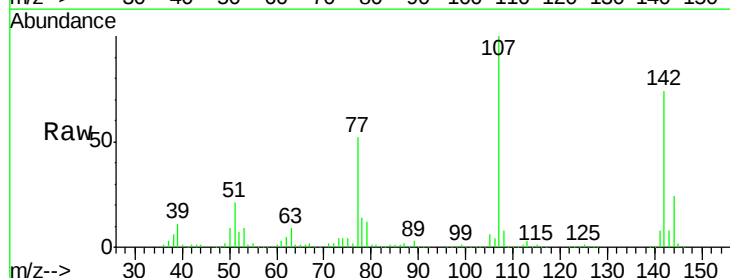
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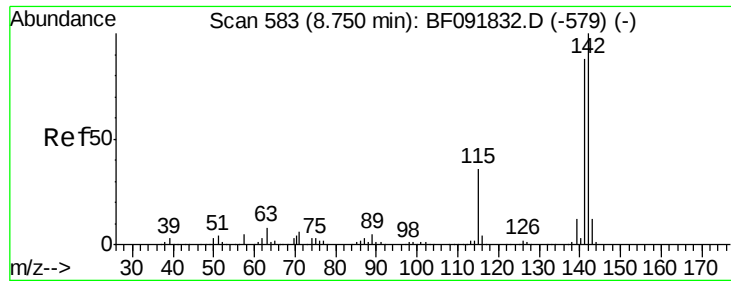
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#36
4-Chloro-3-methylphenol
Concen: 42.84 ng
RT: 8.52 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:107 Resp: 636277
Ion Ratio Lower Upper
107 100
144 23.8 19.3 28.9
142 73.8 59.0 88.6





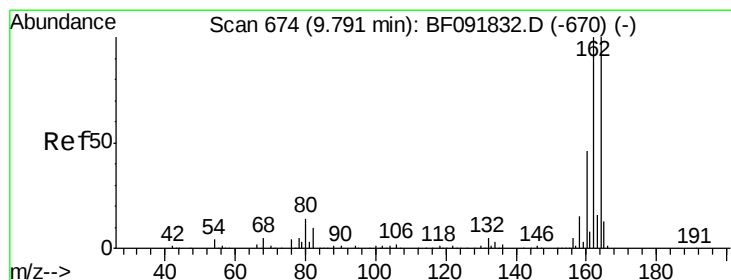
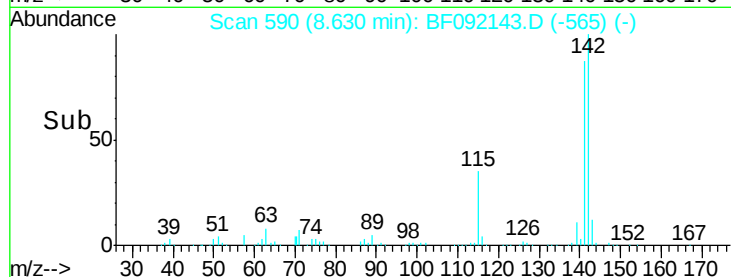
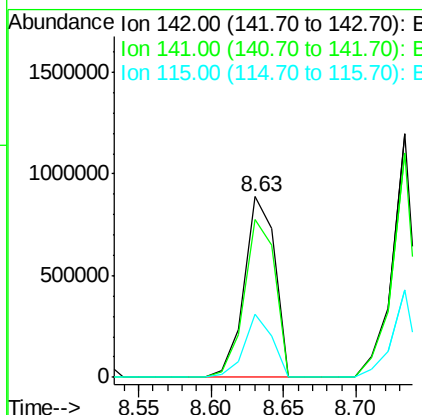
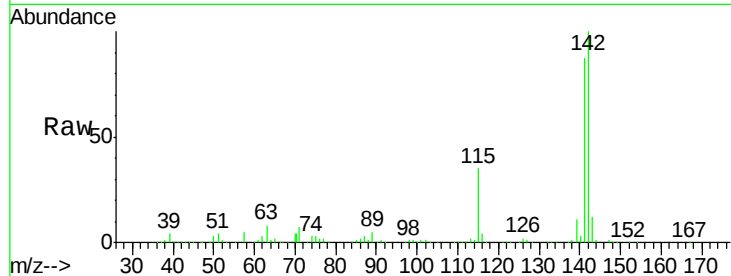
#37
2-Methylnaphthalene
Concen: 50.37 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion:142 Resp: 1300904
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 34.9 28.3 42.5

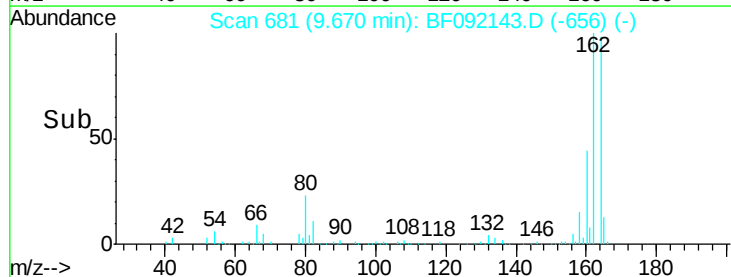
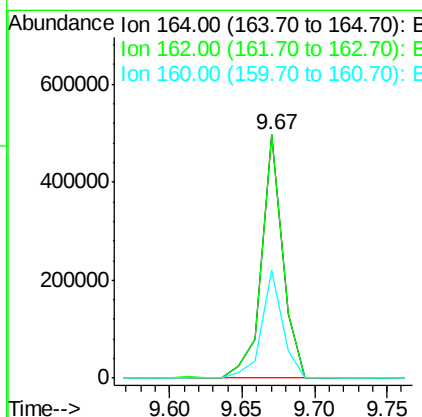
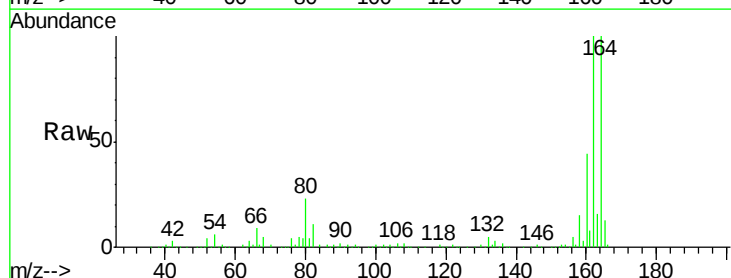
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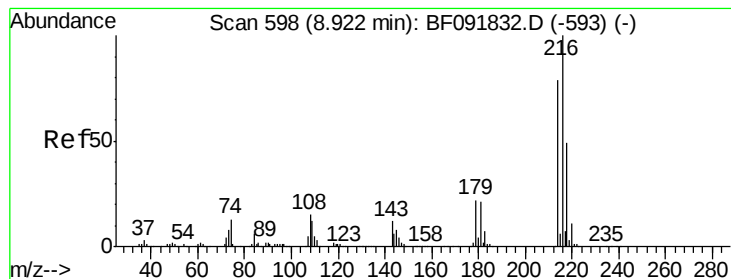
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:164 Resp: 503816
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 44.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.79 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092143.D

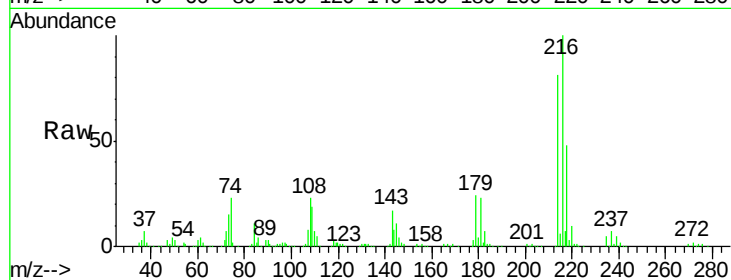
Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

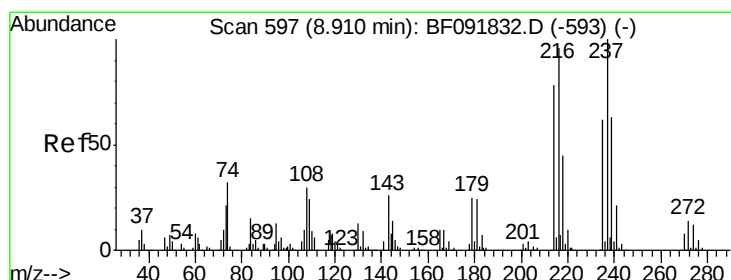
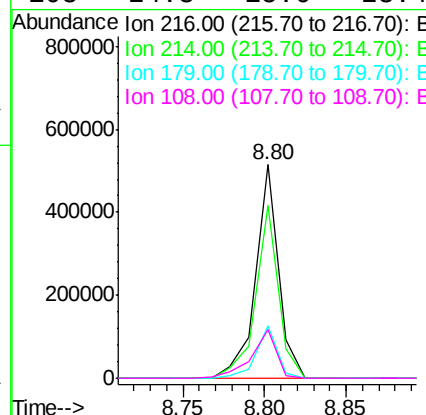
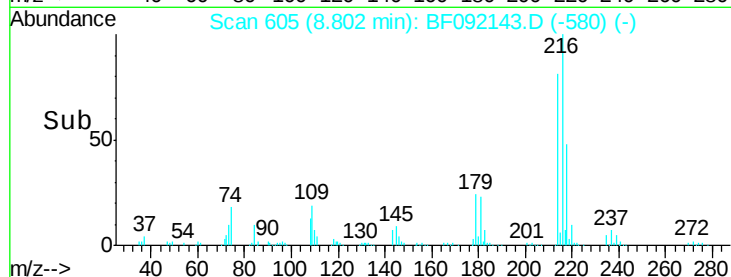
PB95818BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	506434		
214	79.9	63.4	95.0	
179	22.9	17.4	26.2	
108	24.3	15.6	23.4	

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#40

Hexachlorocyclopentadiene

Concen: 83.04 ng

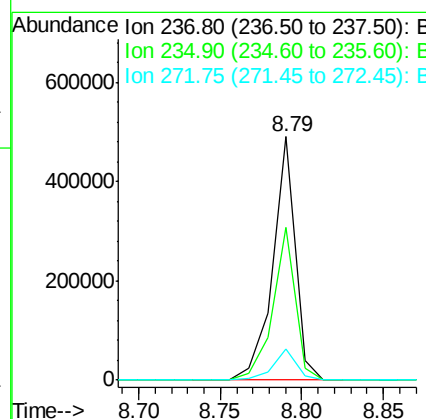
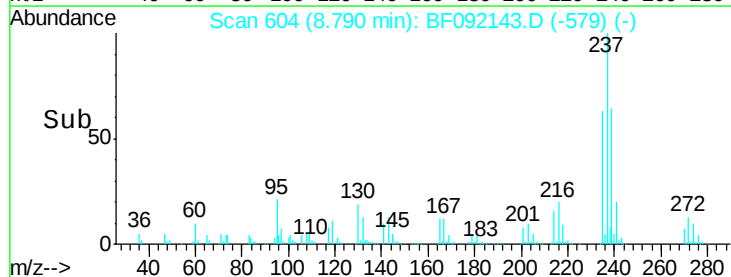
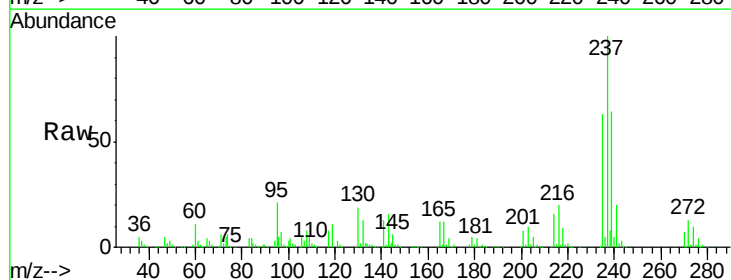
RT: 8.79 min Scan# 604

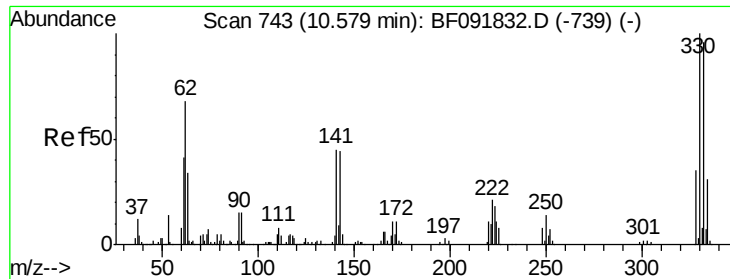
Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	471649		
235	63.0	41.2	81.2	
272	13.0	0.0	35.4	





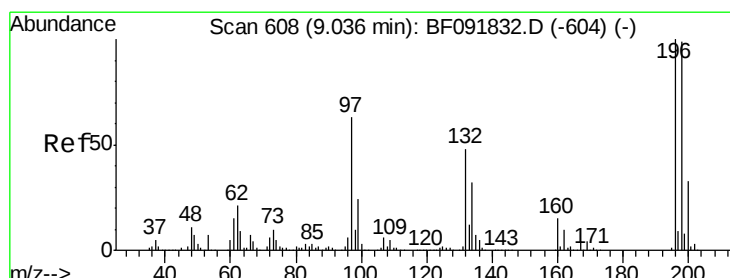
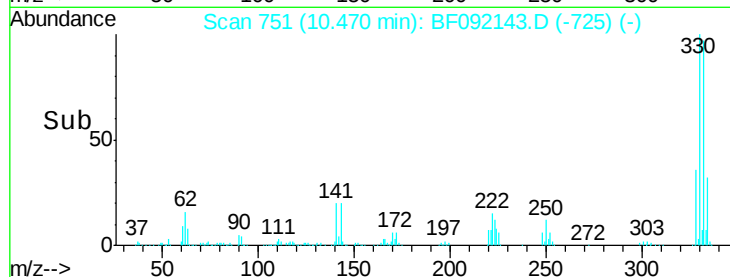
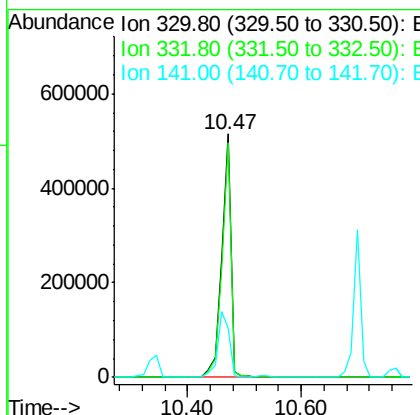
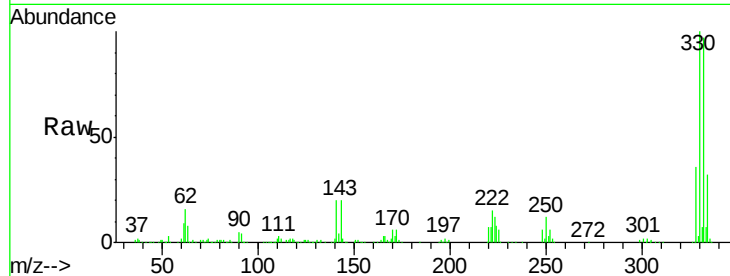
#41
 2,4,6-Tribromophenol
 Concen: 140.56 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	586038		
332	95.4	77.4	116.2	
141	33.1	34.1	51.1#	

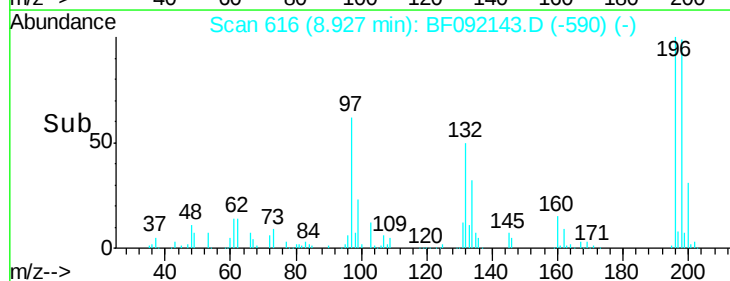
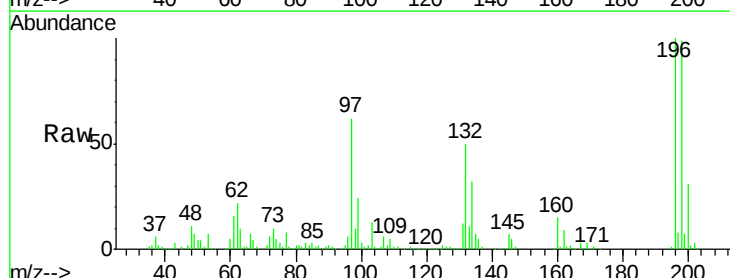
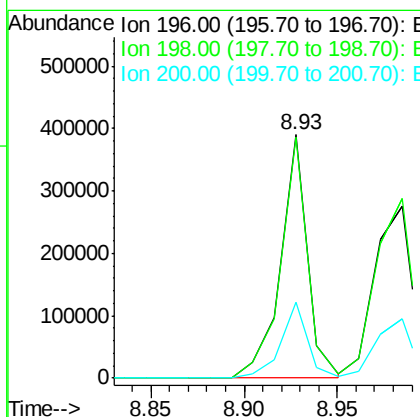
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#42
 2,4,6-Trichlorophenol
 Concen: 44.14 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

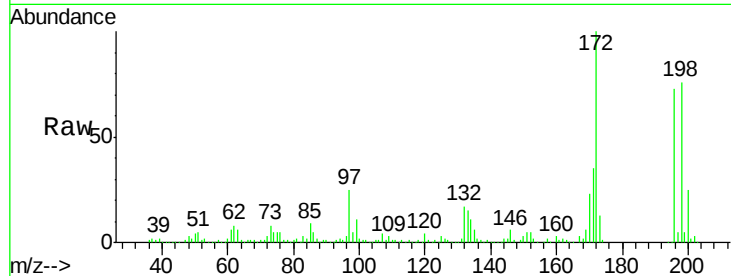
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	392893		
198	98.9	82.1	123.1	
200	31.4	27.0	40.4	





#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

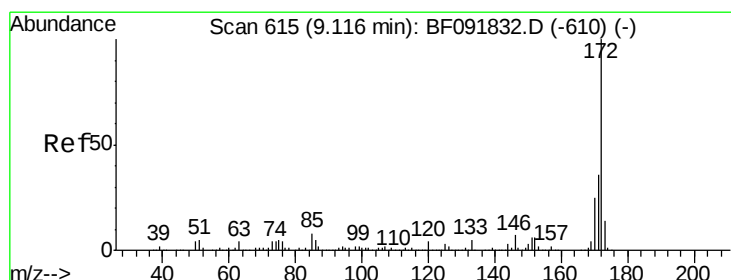
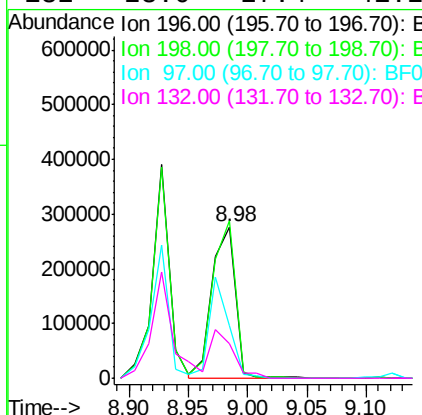
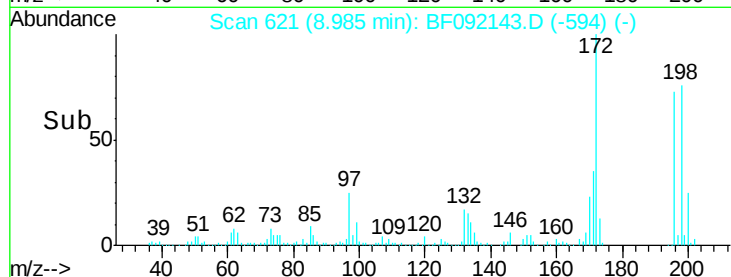
Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS



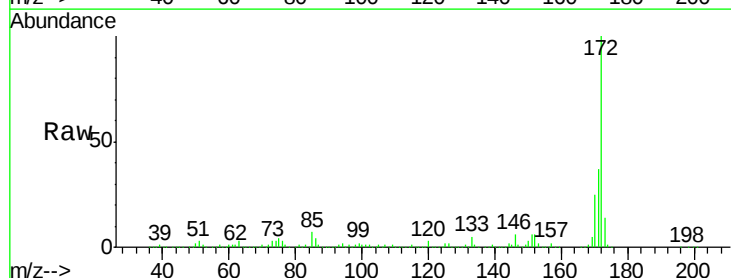
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	373970		
198	103.9	79.4	119.2	
97	34.3	51.5	77.3	
132	23.0	27.4	41.2	

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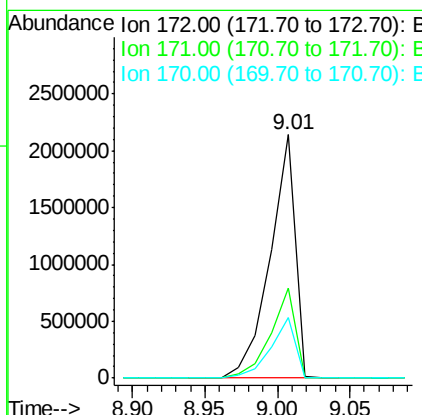
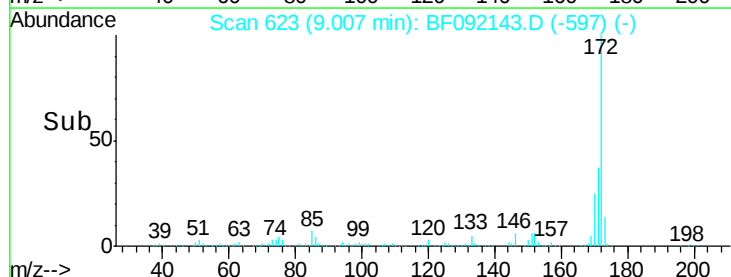
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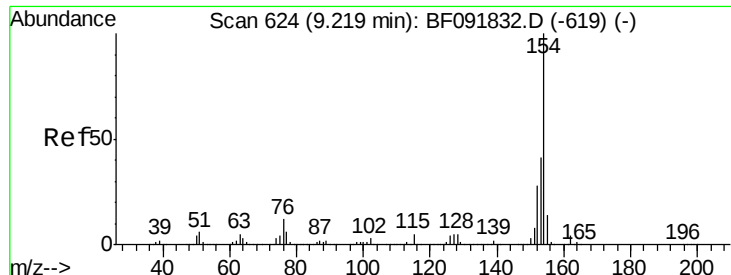


#44
 2-Fluorobiphenyl
 Concen: 108.35 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2577036		
171	36.8	29.4	44.0	
170	25.1	20.2	30.4	





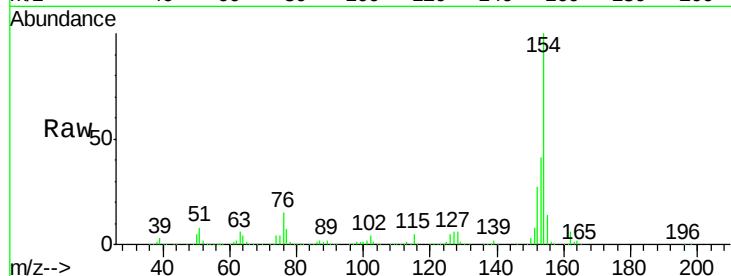
#45
 1,1'-Biphenyl
 Concen: 42.60 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

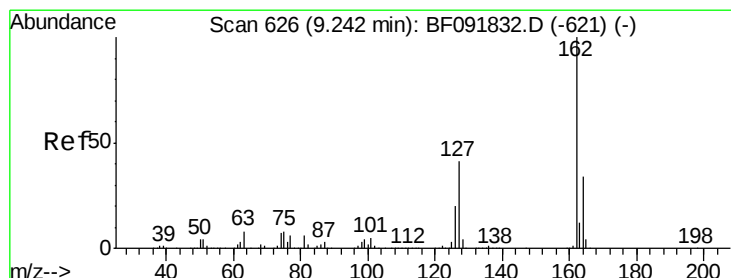
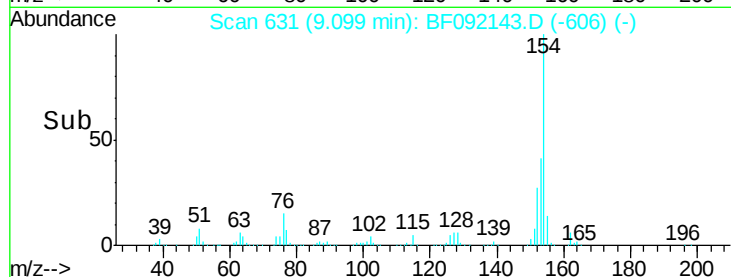
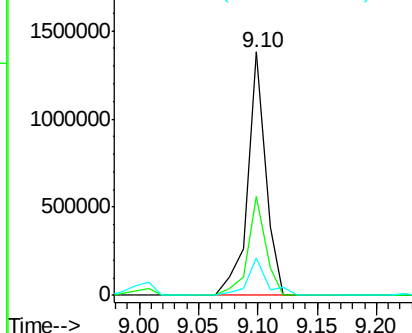
Tgt Ion:154 Resp: 1469453
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 15.3 0.0 30.5

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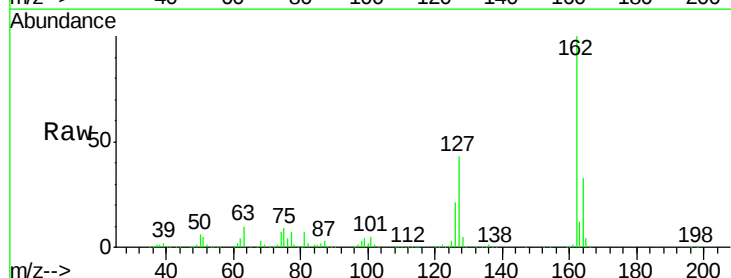


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

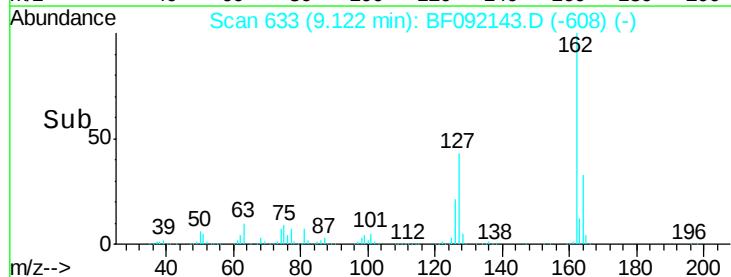
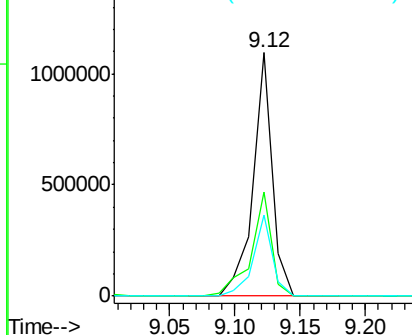


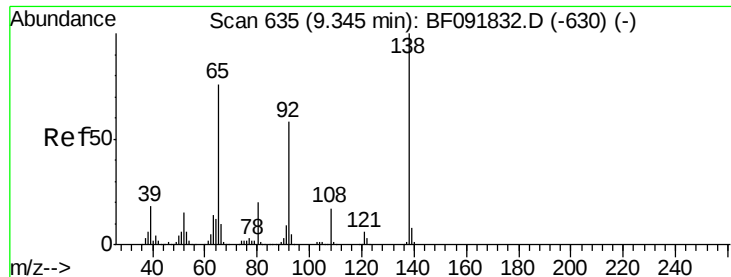
#46
 2-Chloronaphthalene
 Concen: 41.29 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:162 Resp: 1127968
 Ion Ratio Lower Upper
 162 100
 127 42.6 30.7 46.1
 164 33.1 27.6 41.4



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





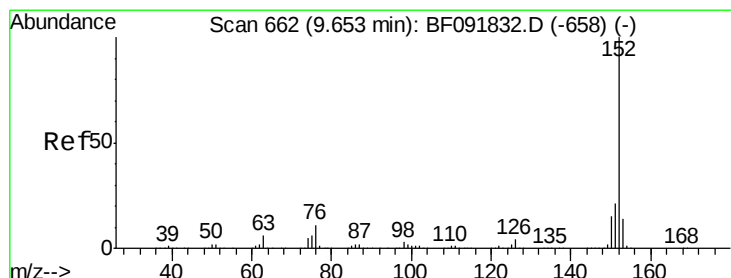
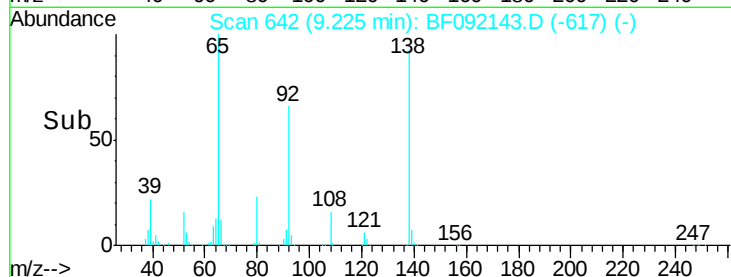
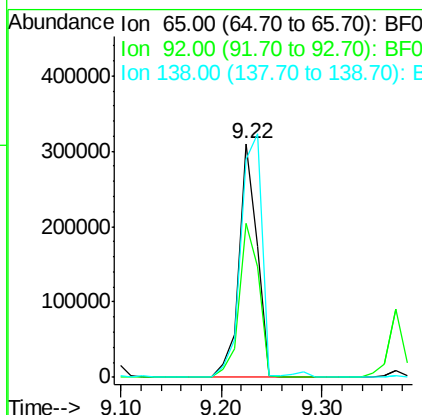
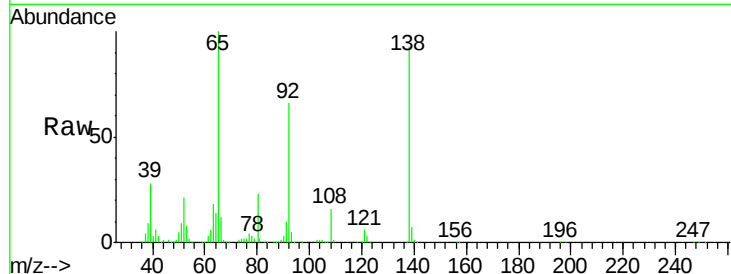
#47
2-Nitroaniline
Concen: 39.66 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion: 65 Resp: 385725
Ion Ratio Lower Upper
65 100
92 66.2 53.9 80.9
138 93.4 76.8 115.2

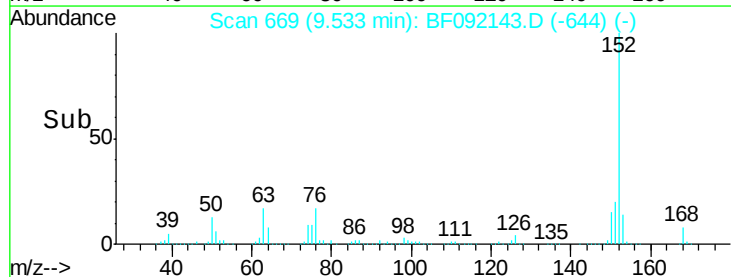
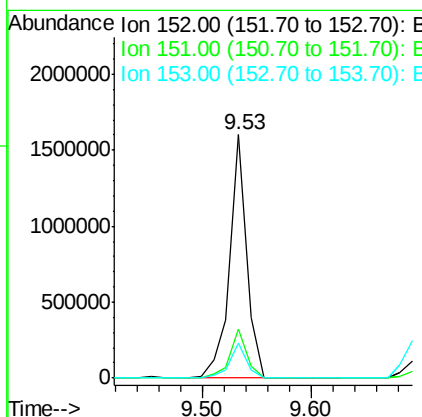
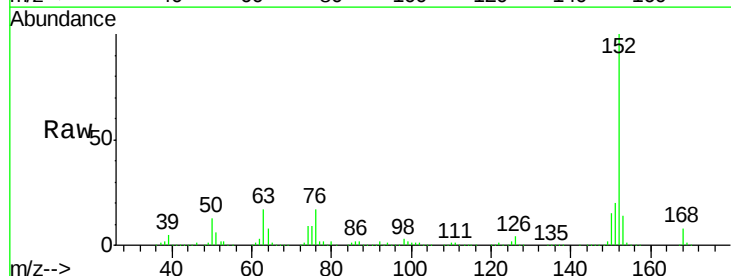
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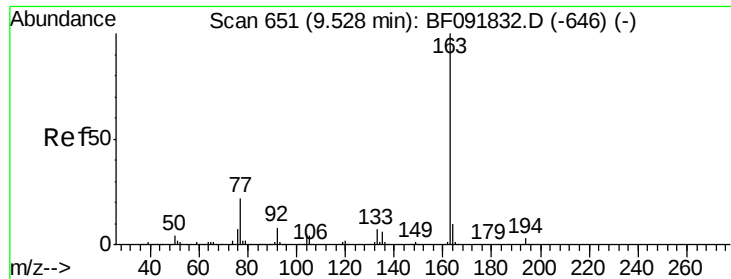
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#48
Acenaphthylene
Concen: 41.03 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion: 152 Resp: 1723900
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.4 11.4 17.2





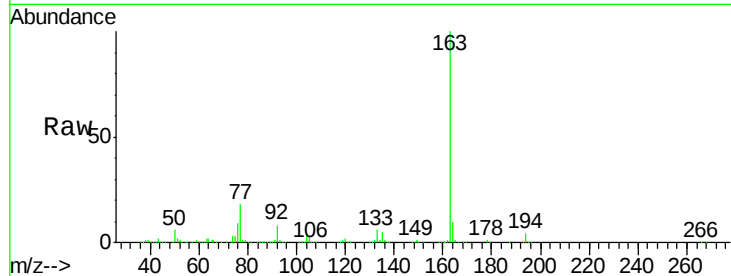
#49
Dimethylphthalate
Concen: 47.79 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

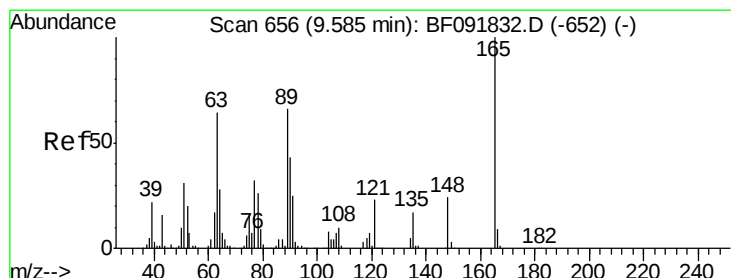
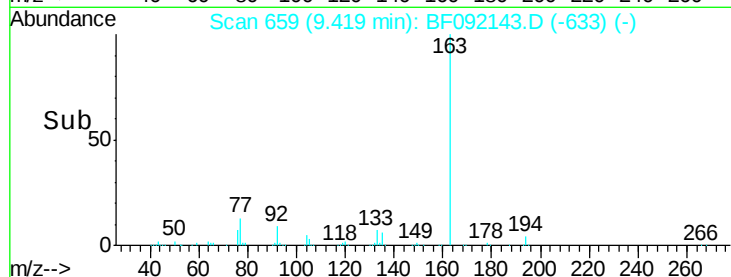
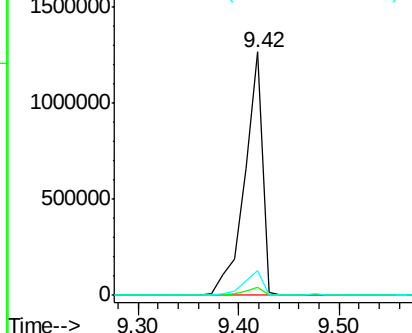
Tgt Ion:163 Resp: 1539980
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0

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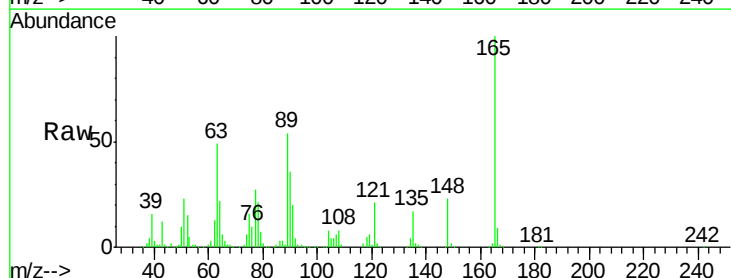


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

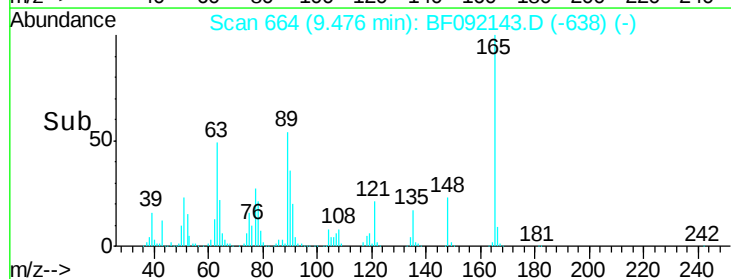
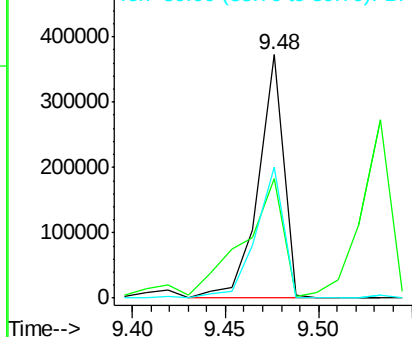


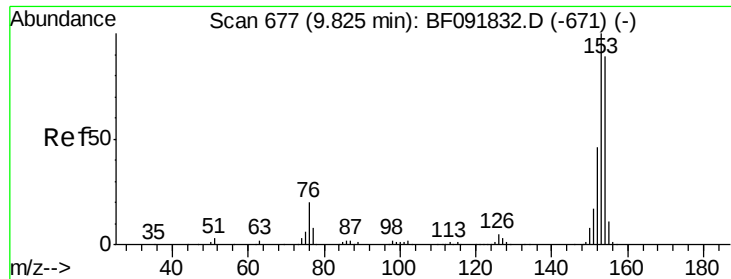
#50
2,6-Dinitrotoluene
Concen: 49.39 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion:165 Resp: 348346
Ion Ratio Lower Upper
165 100
63 49.1 36.2 54.4
89 53.7 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.97 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion:154 Resp: 1081544

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

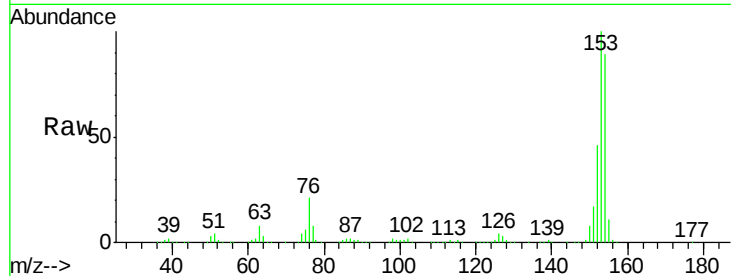
152 52.2 41.6 62.4

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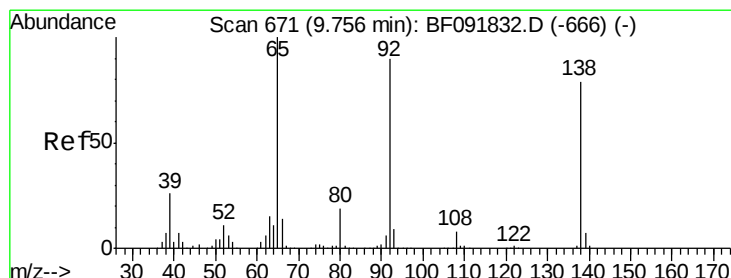
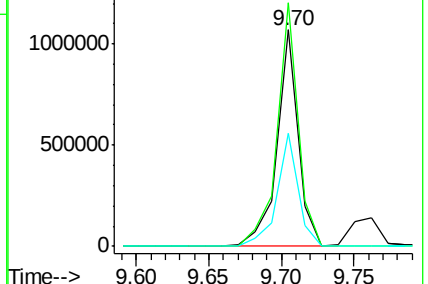
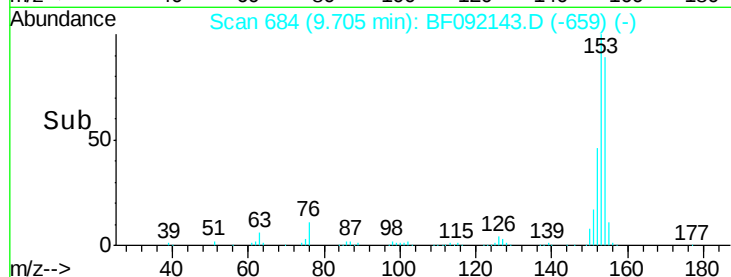
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.44 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

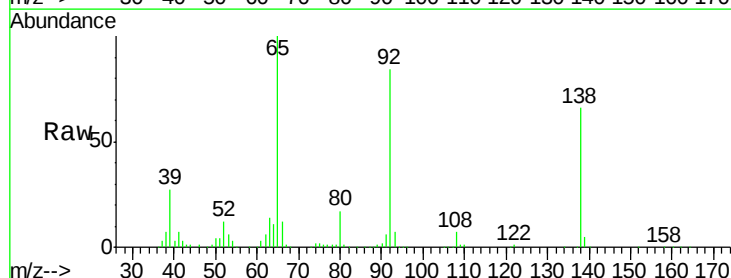
Tgt Ion:138 Resp: 178388

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

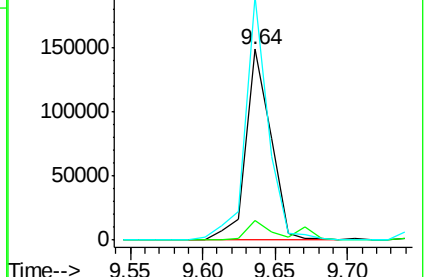
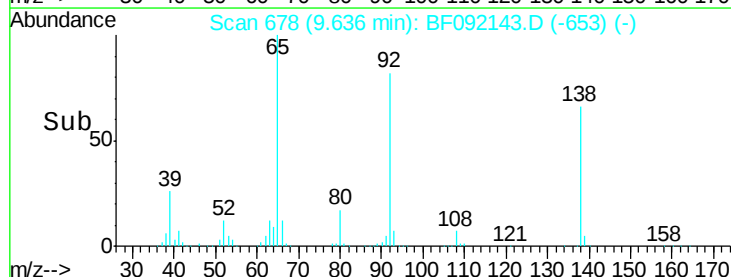
92 127.5 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





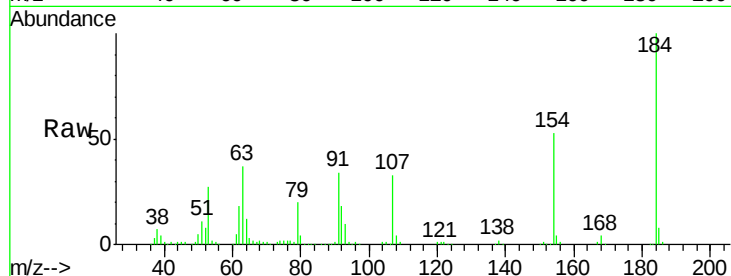
#53
2,4-Dinitrophenol
Concen: 102.68 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampled :
PB95818BS

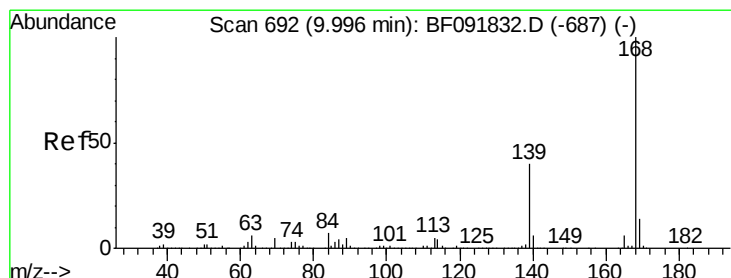
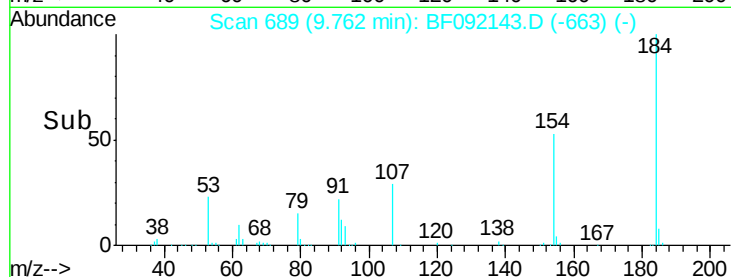
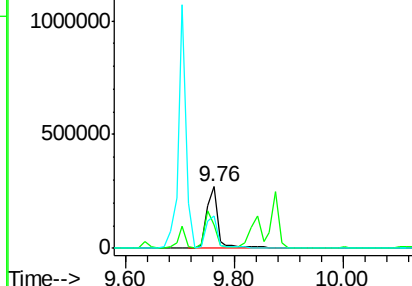
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	402967		
63	37.3	28.4	42.6	
154	53.3	44.3	66.5	

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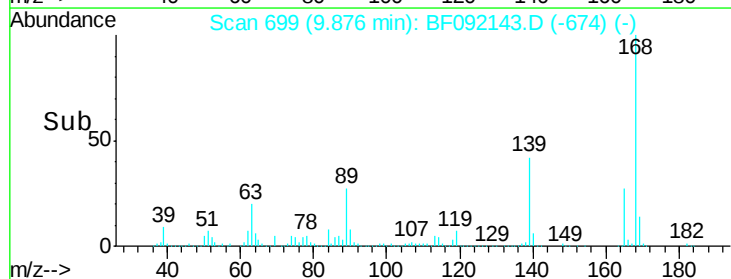
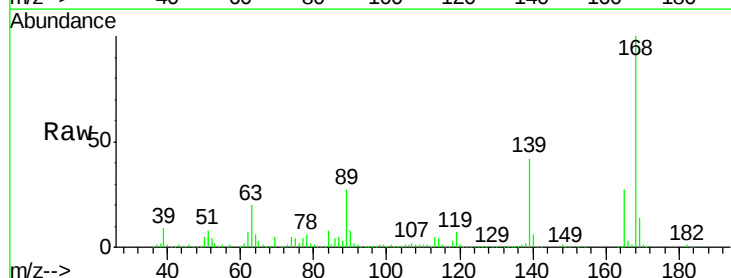
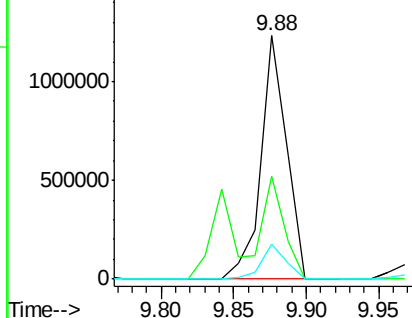
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

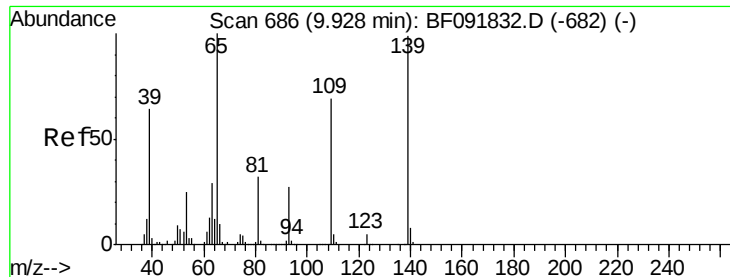


#54
Dibenzofuran
Concen: 39.03 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1501257		
139	42.4	32.6	49.0	
169	14.2	11.3	16.9	

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





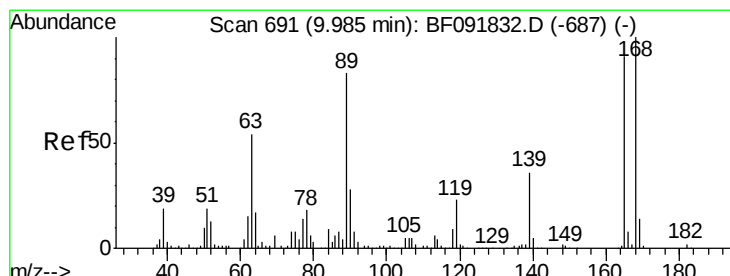
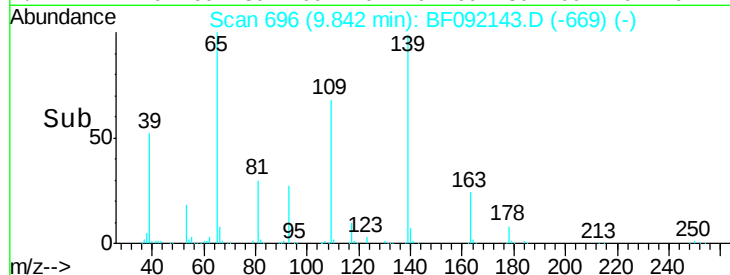
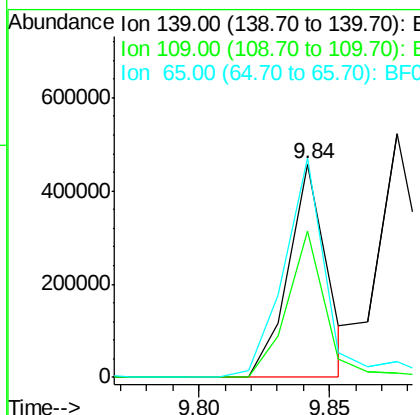
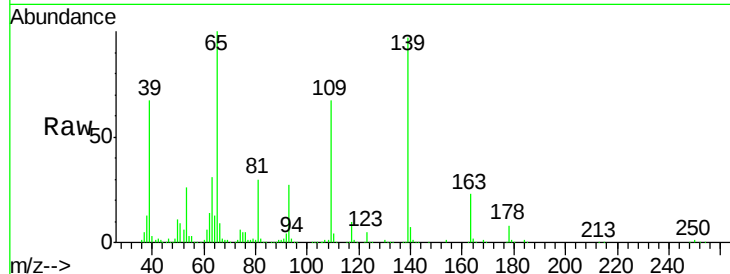
#55
4-Nitrophenol
Concen: 79.37 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	470390		
109	69.0	52.2	92.2	
65	102.7	85.8	125.8	

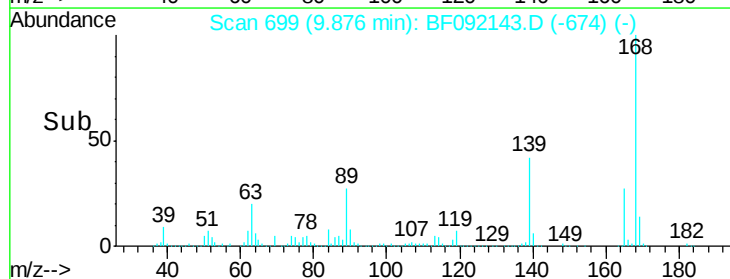
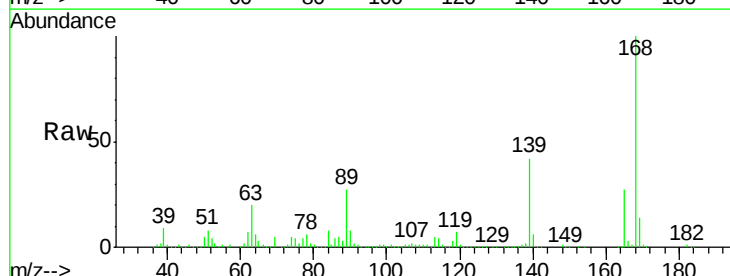
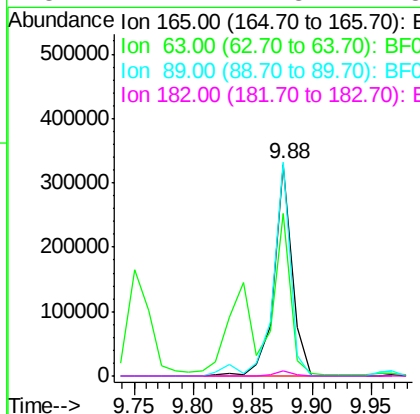
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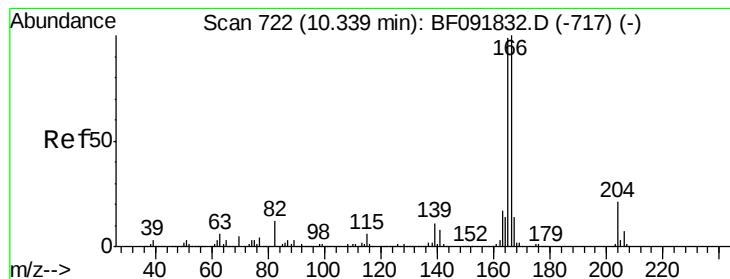
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#56
2,4-Dinitrotoluene
Concen: 39.47 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	349404		
63	76.6	40.2	60.4#	
89	100.9	62.5	93.7#	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 40.34 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampled :

PB95818BS

Tgt Ion:166 Resp: 1129048

Ion Ratio Lower Upper

166 100

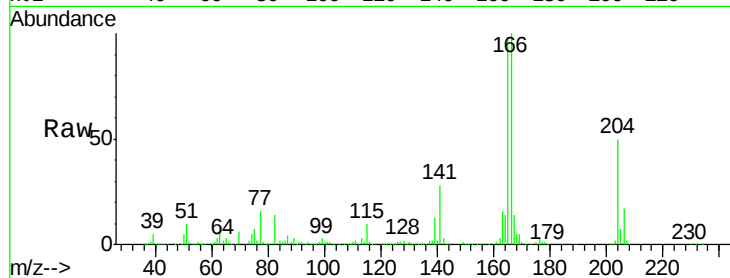
165 97.5 77.8 116.8

167 14.0 10.8 16.2

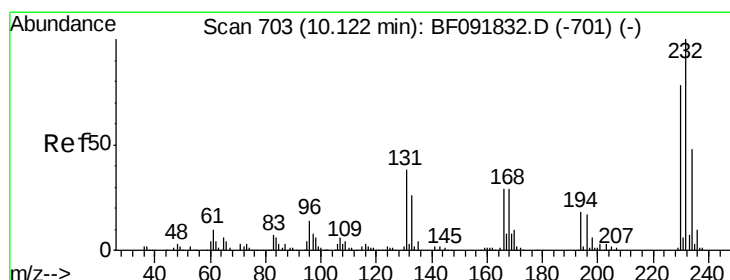
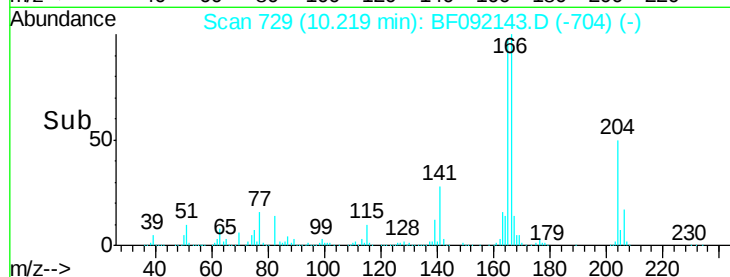
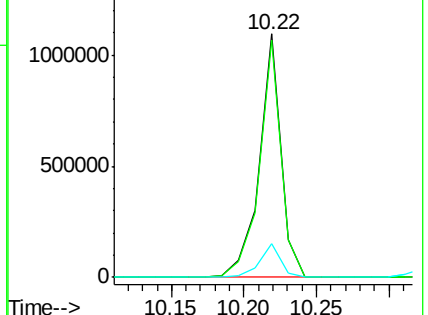
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Abundance Ion 166.00 (165.70 to 166.70): E
1500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.18 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:232 Resp: 334622

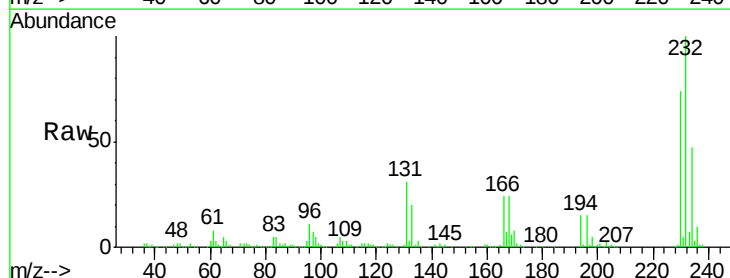
Ion Ratio Lower Upper

232 100

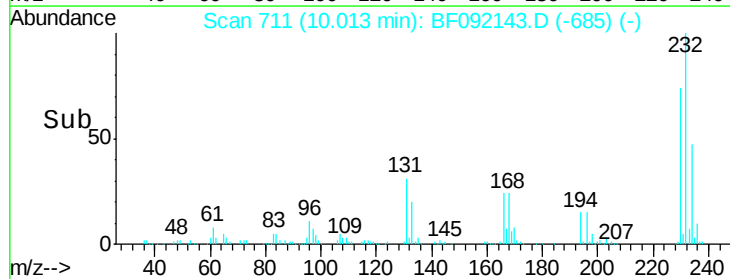
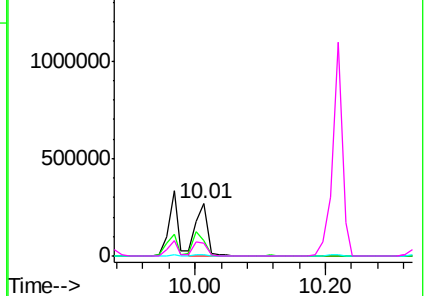
131 47.6 40.1 60.1

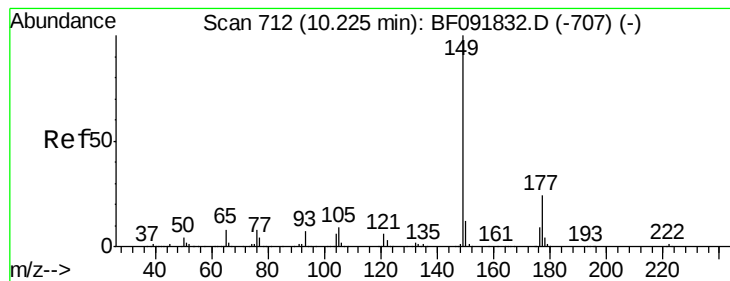
130 2.3 1.8 2.8

166 31.1 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
1500000
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: 46.00 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion:149 Resp: 1439673

Ion Ratio Lower Upper

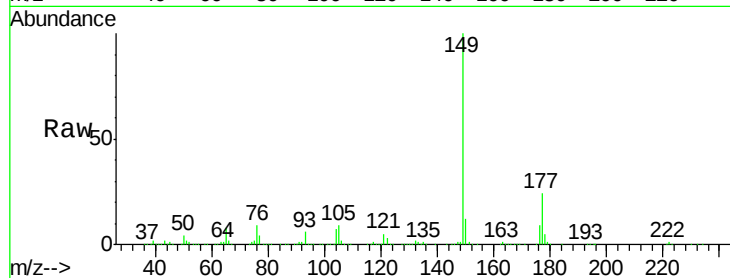
149 100

177 23.7 16.6 25.0

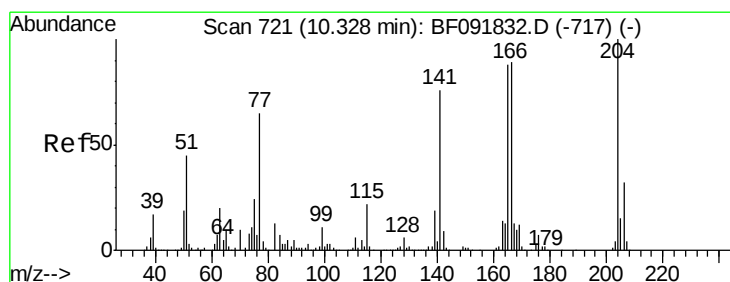
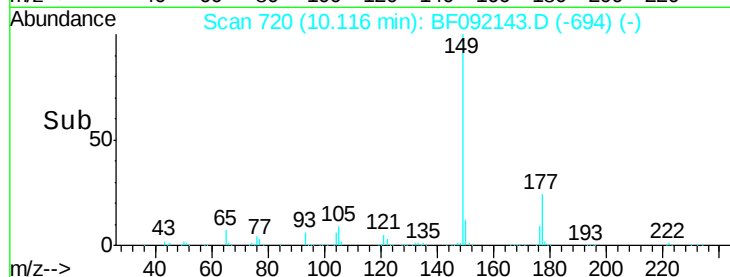
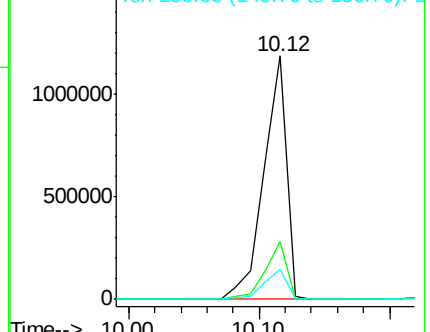
150 12.2 10.4 15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.67 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

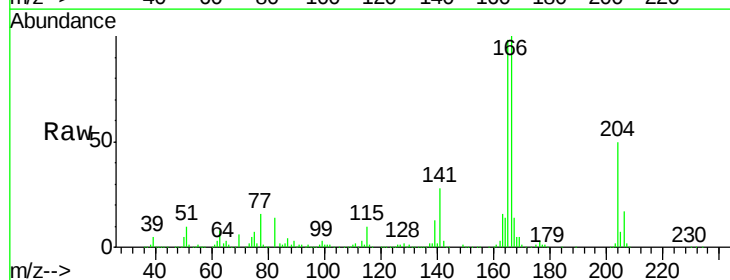
Tgt Ion:204 Resp: 571885

Ion Ratio Lower Upper

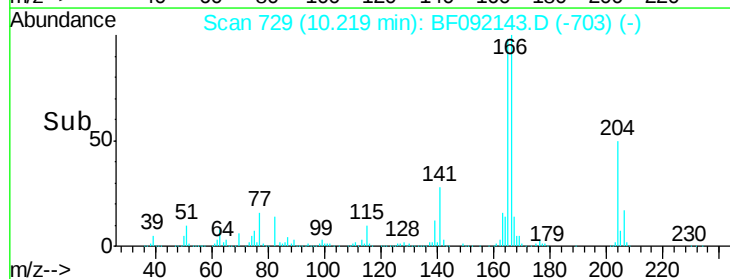
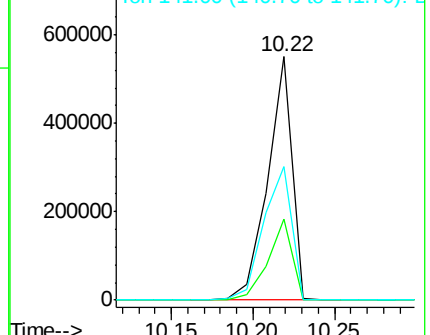
204 100

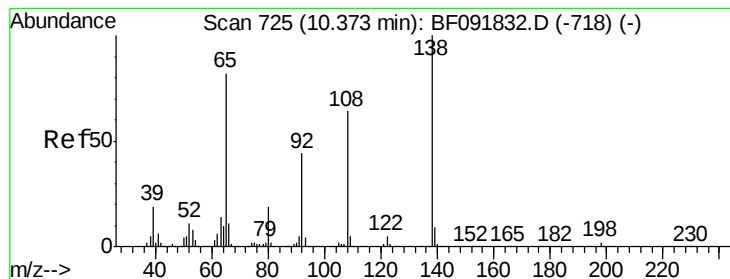
206 33.3 25.8 38.6

141 55.0 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





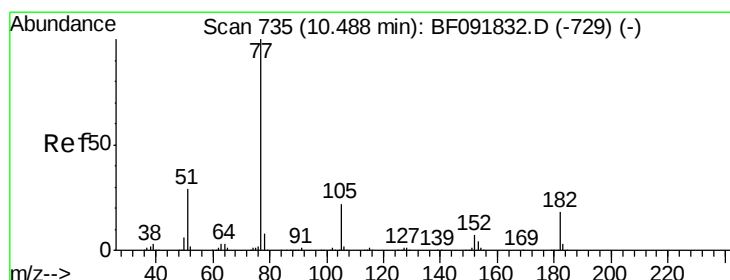
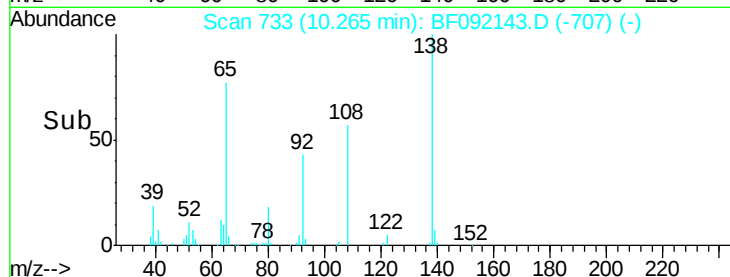
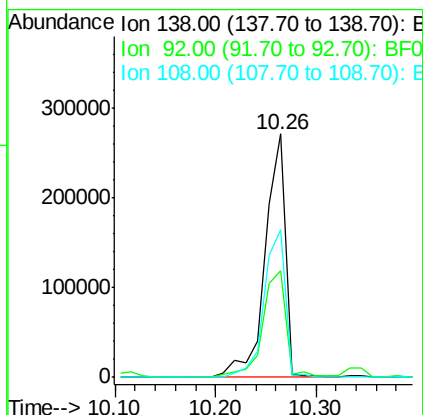
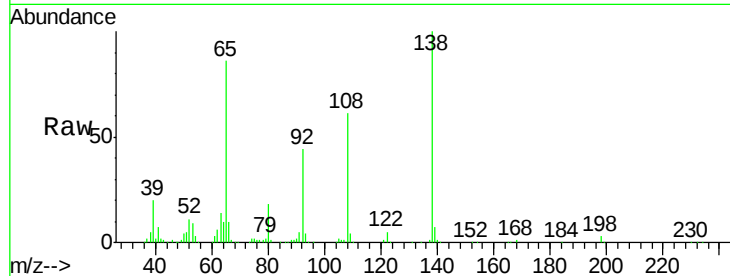
#61
4-Nitroaniline
Concen: 42.00 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.6	31.7	71.7
108	60.7	52.6	92.6

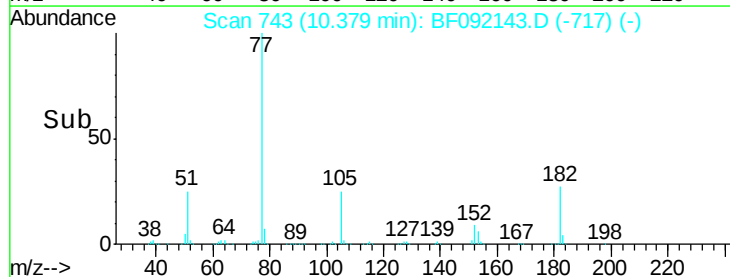
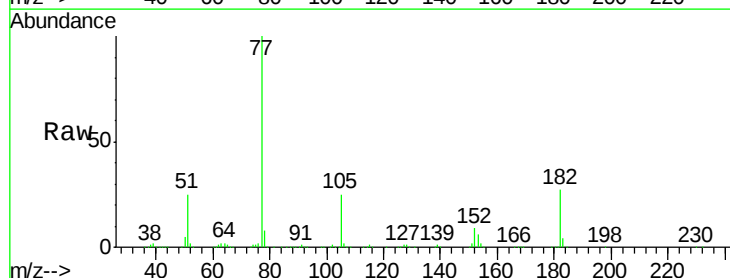
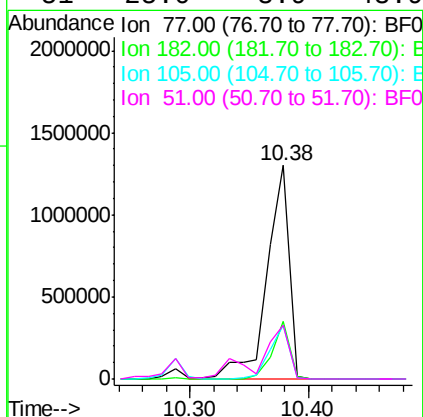
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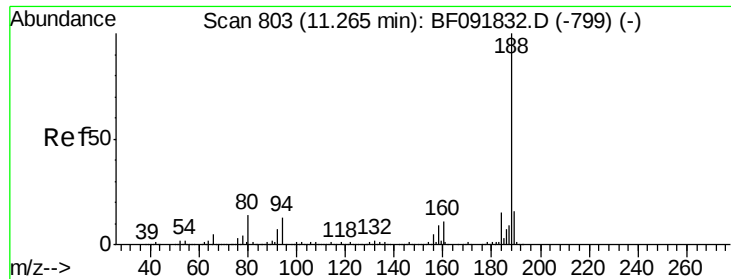
Sohil
1/10/2017 10:01:15 AM



#62
Azobenzene
Concen: 49.26 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	0.0	39.3
105	25.1	2.3	42.3
51	25.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

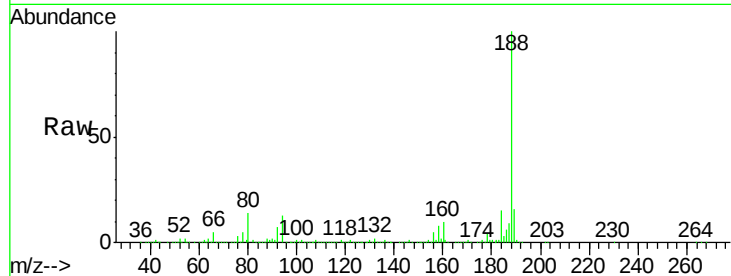
ClientSampleId :

PB95818BS

Tgt Ion:	188	Resp:	822402
Ion Ratio	Lower	Upper	
188	100		
94	13.0	10.0	15.0
80	14.0	11.2	16.8

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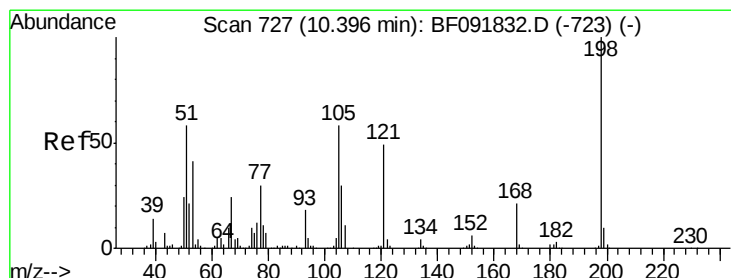
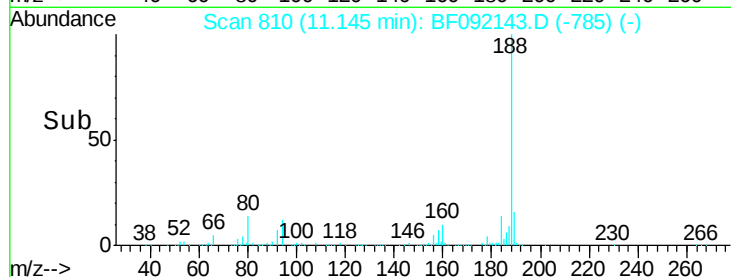
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.14

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.32 ng

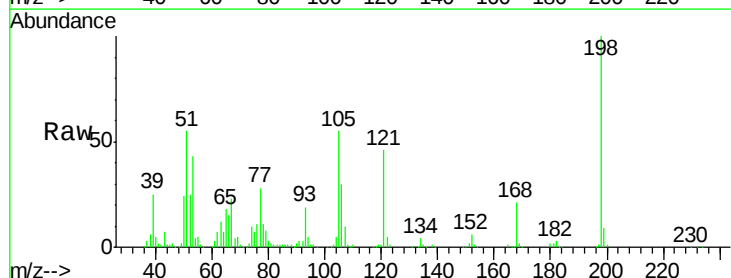
RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	198	Resp:	230369
Ion Ratio	Lower	Upper	
198	100		
51	54.7	6.7	46.7#
105	55.0	16.6	56.6



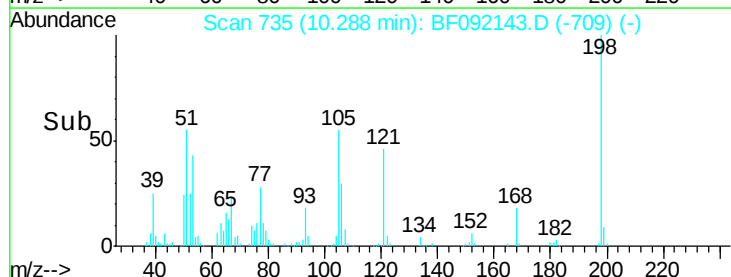
Abundance Ion 198.00 (197.70 to 198.70): E

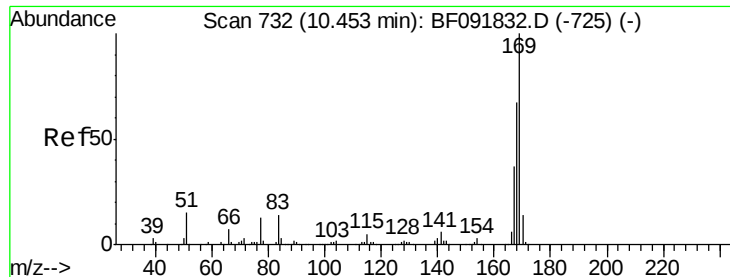
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.29

Time-->





#65

n-Nitrosodiphenylamine

Concen: 49.67 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

ClientSampleId :

PB95818BS

Tgt Ion:169 Resp: 1212182

Ion Ratio Lower Upper

169 100

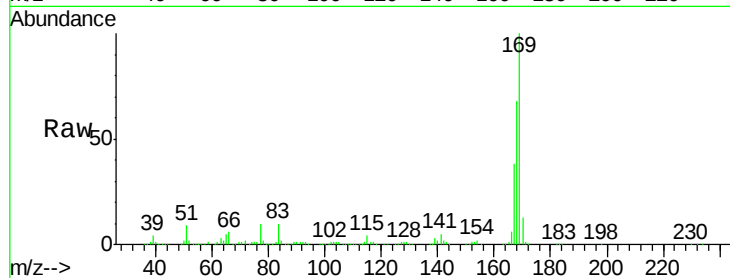
168 67.6 54.2 81.2

167 38.0 30.2 45.4

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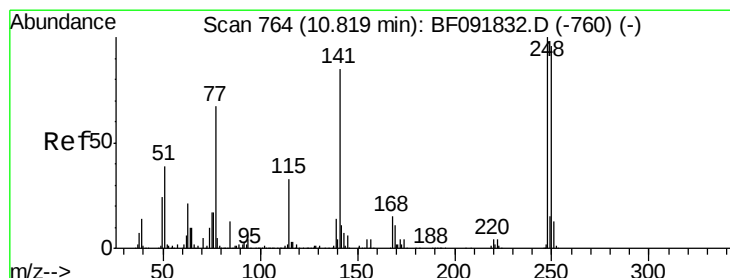
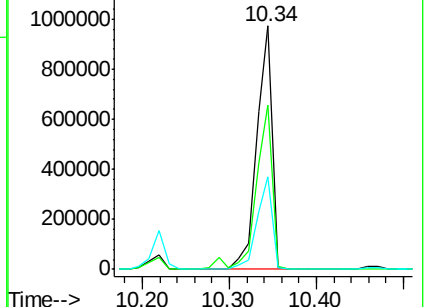
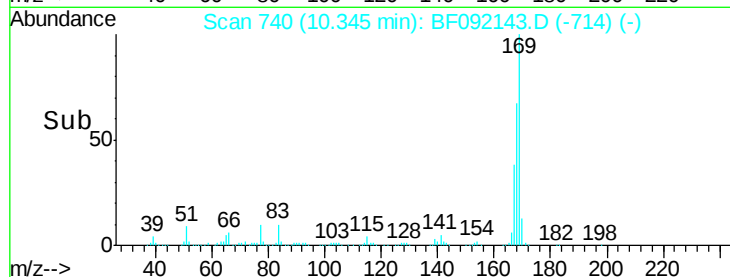
1/10/2017 10:01:15 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.51 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

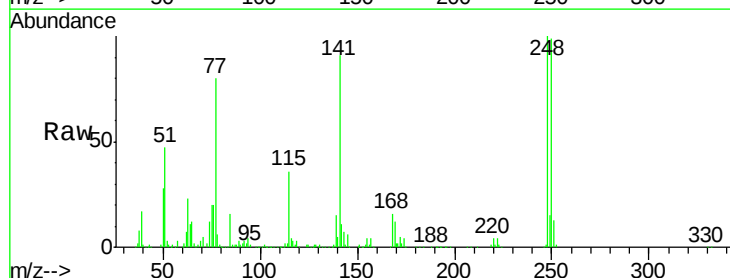
Tgt Ion:248 Resp: 355100

Ion Ratio Lower Upper

248 100

250 98.6 76.9 115.3

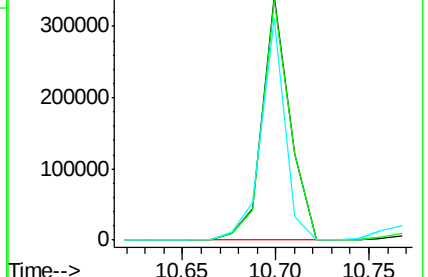
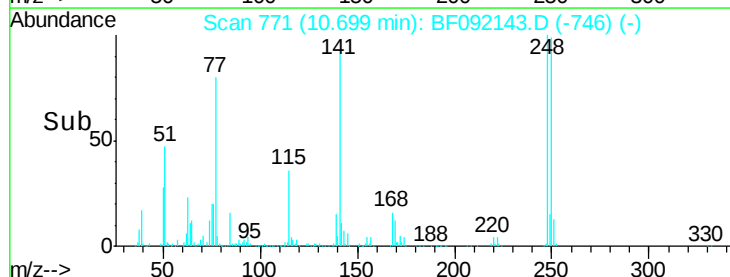
141 91.3 68.2 102.4

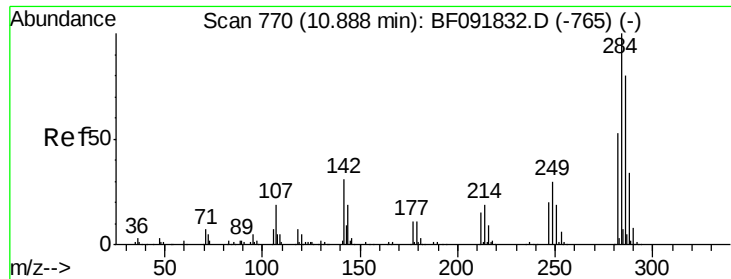


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.49 ng

RT: 10.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

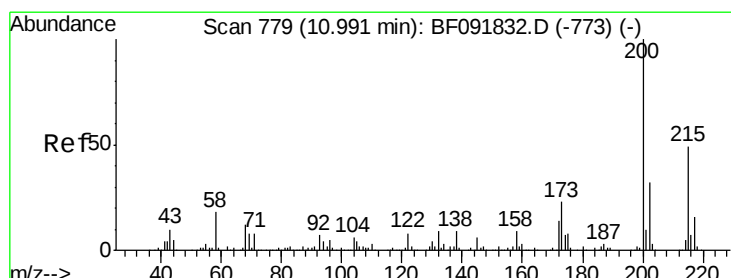
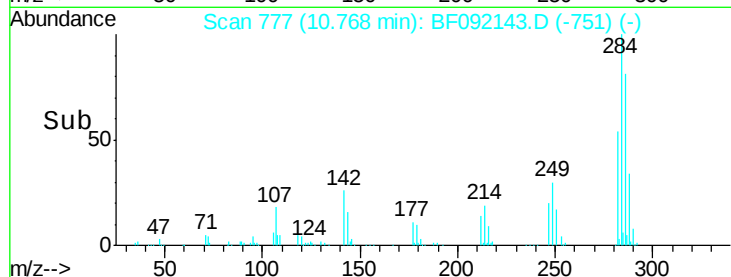
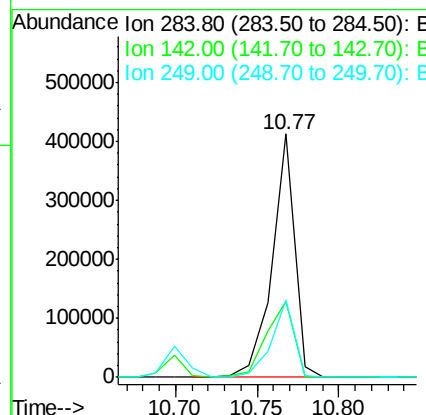
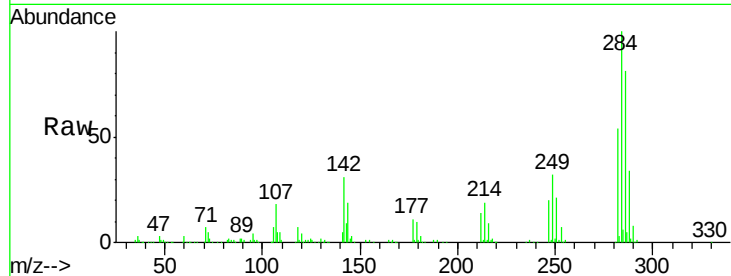
ClientSampleId :

PB95818BS

Tgt Ion:	284	Resp:	397701
Ion Ratio	Lower	Upper	
284	100		
142	31.1	22.6	33.8
249	31.8	25.4	38.0

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#68

Atrazine

Concen: 45.06 ng

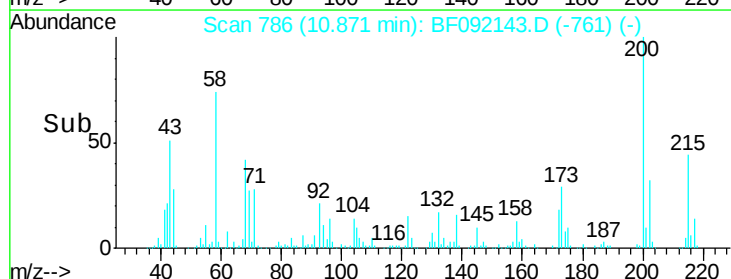
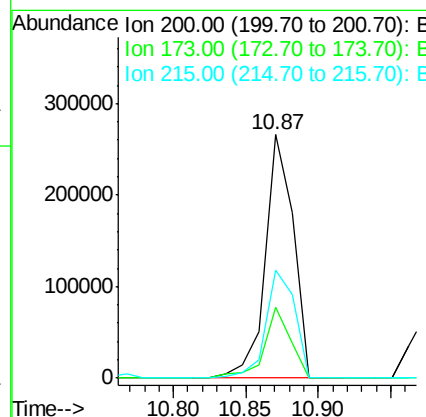
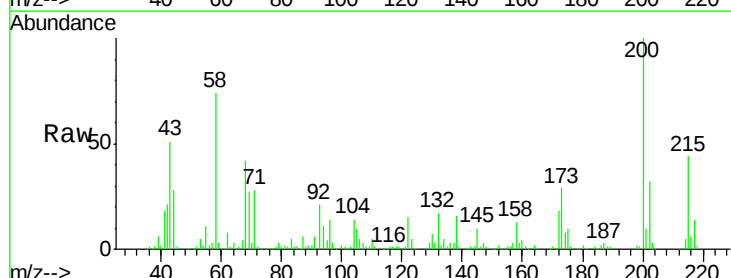
RT: 10.87 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	200	Resp:	354682
Ion Ratio	Lower	Upper	
200	100		
173	29.2	9.6	49.6
215	44.3	25.7	65.7





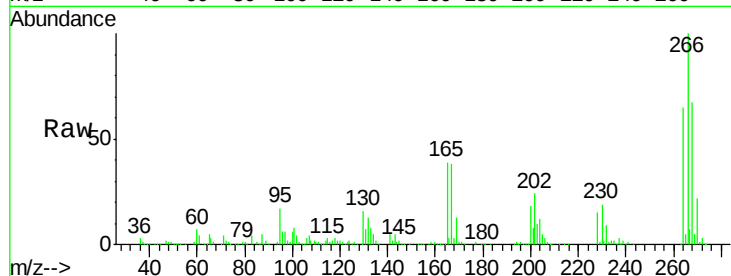
#69
 Pentachlorophenol
 Concen: 92.15 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleID :
 PB95818BS

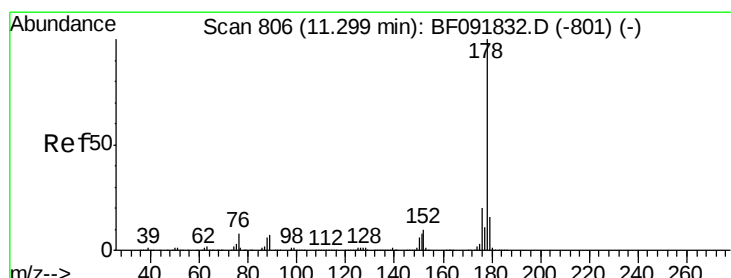
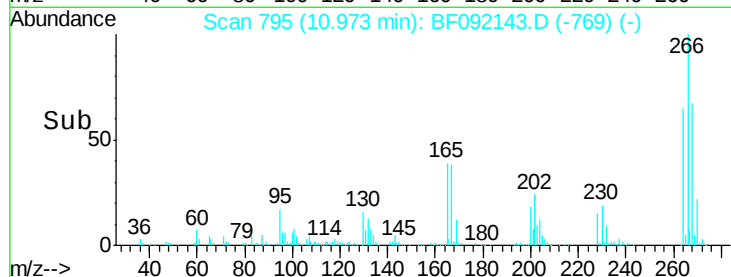
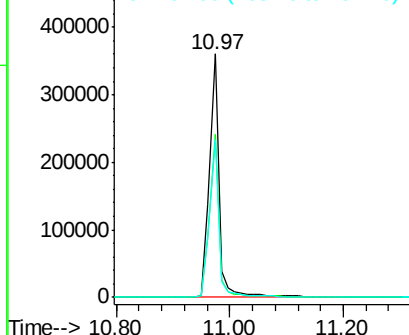
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	53.3	79.9
264	64.7	50.3	75.5

Manual Integrations
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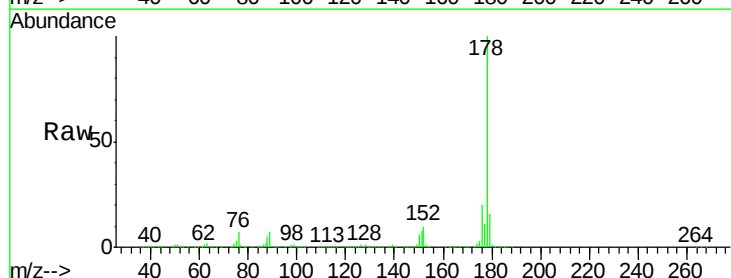


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

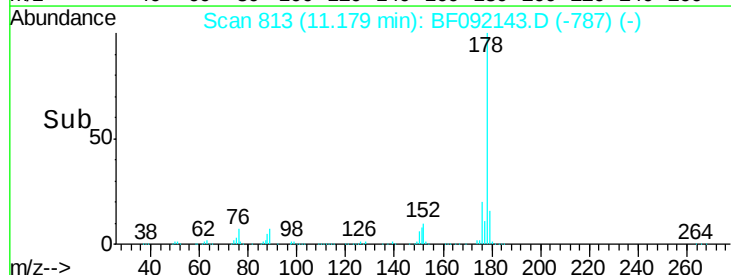
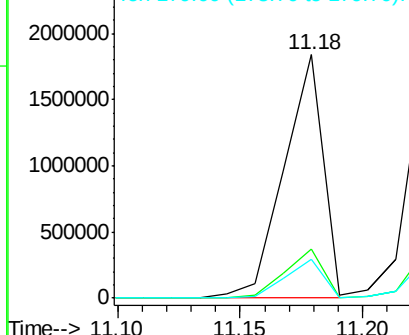


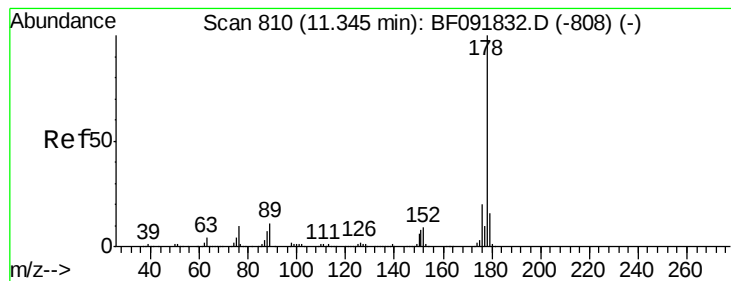
#70
 Phenanthrene
 Concen: 45.51 ng m
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.8	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





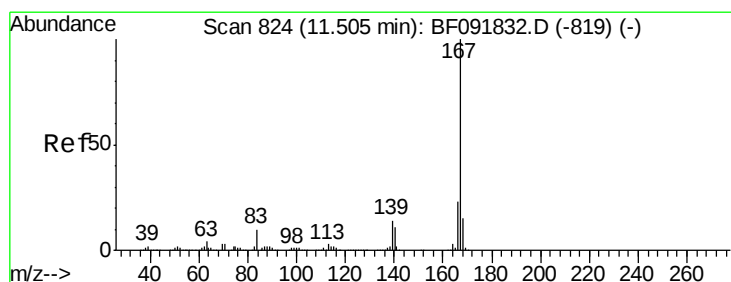
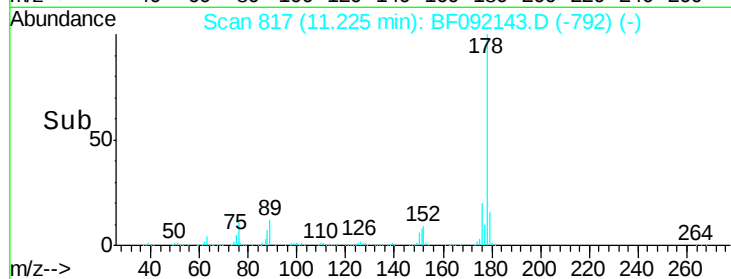
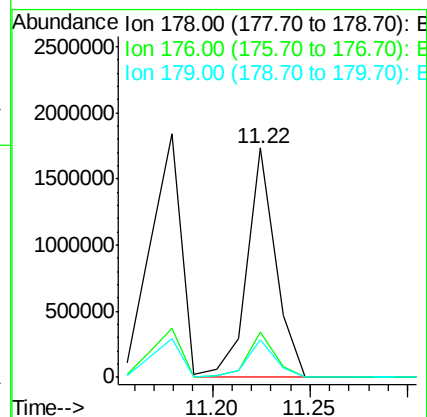
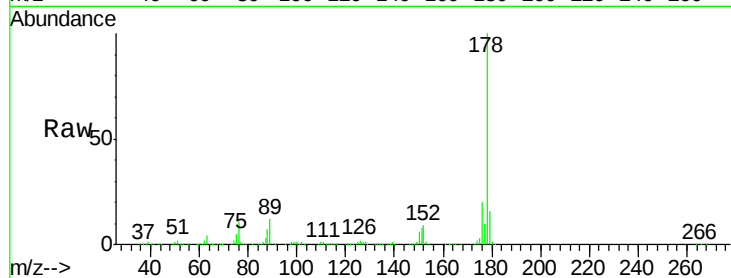
#71
 Anthracene
 Concen: 44.19 ng m
 RT: 11.22 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:178 Resp: 1758281
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.2 13.2 19.8

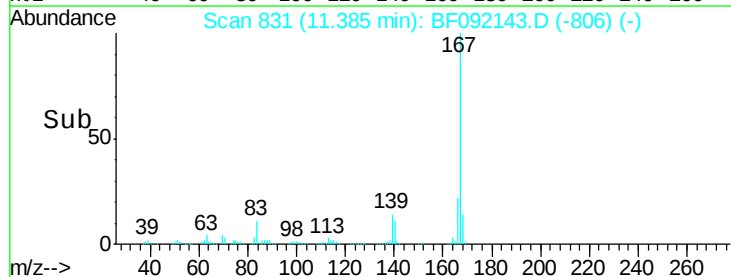
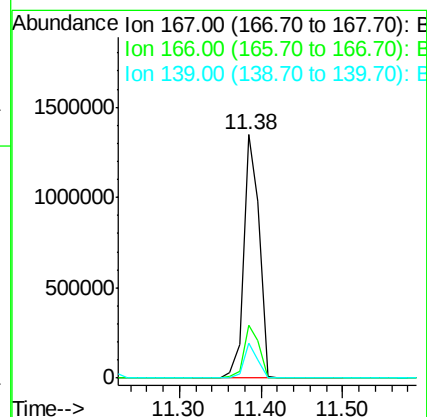
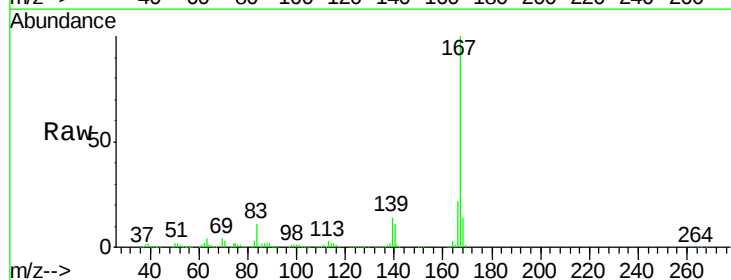
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#72
 Carbazole
 Concen: 50.95 ng
 RT: 11.38 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:167 Resp: 1760802
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 14.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 51.92 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

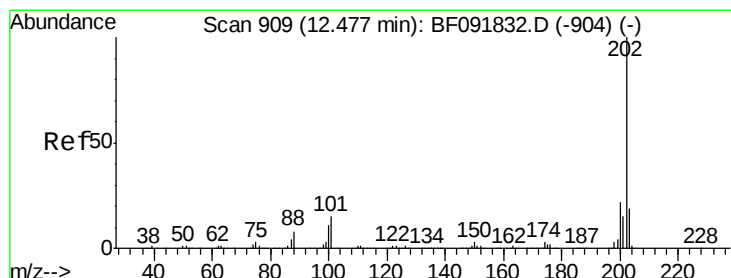
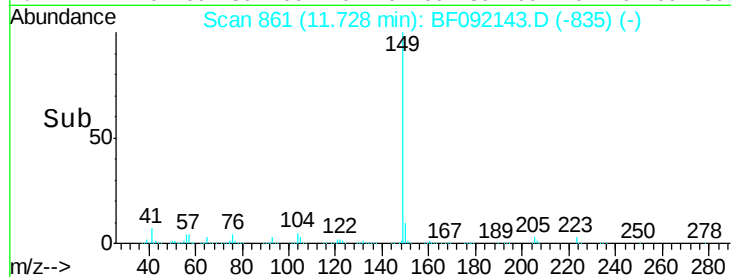
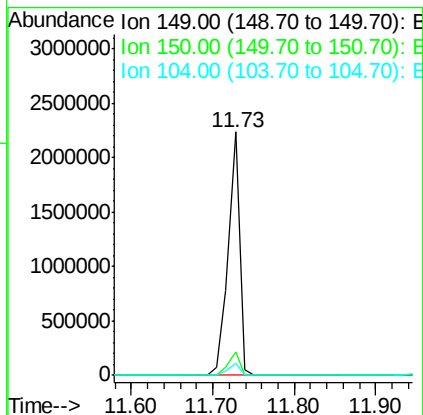
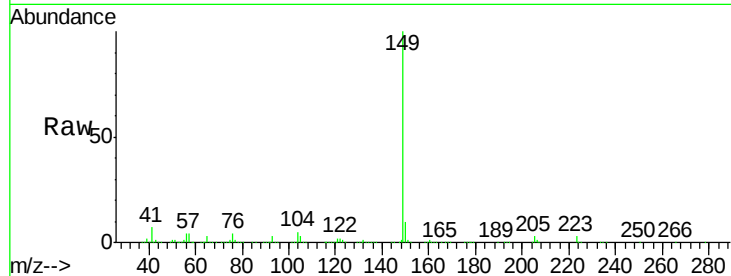
ClientSampleId :

PB95818BS

Tgt Ion:	149	Resp:	2167181
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.1	12.1
104	4.9	4.6	7.0

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#74

Fluoranthene

Concen: 47.67 ng

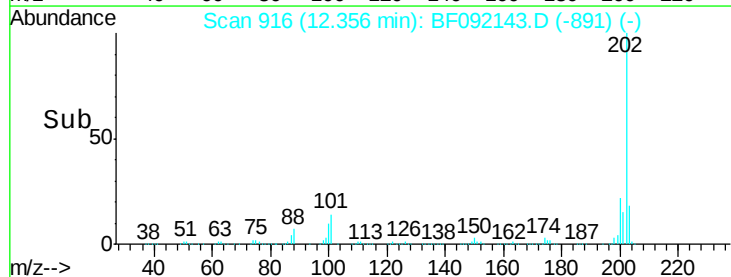
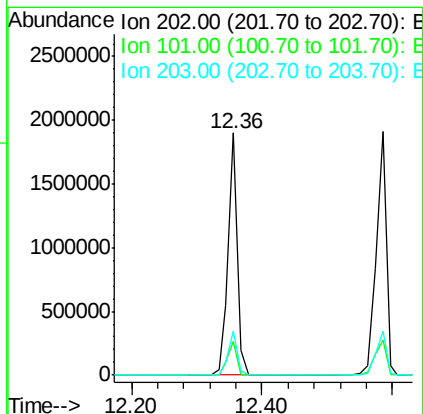
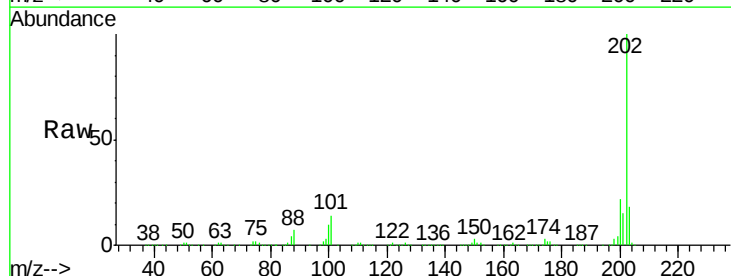
RT: 12.36 min Scan# 916

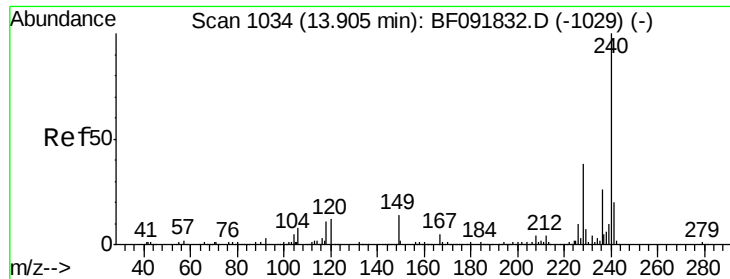
Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	202	Resp:	1856032
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

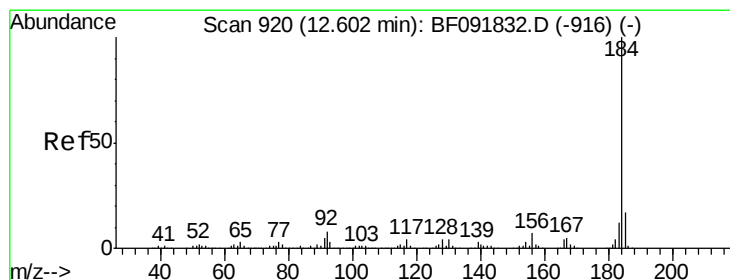
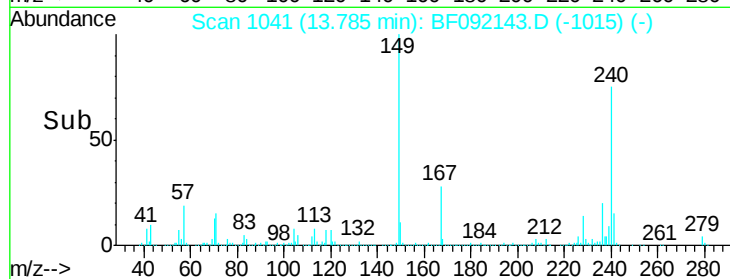
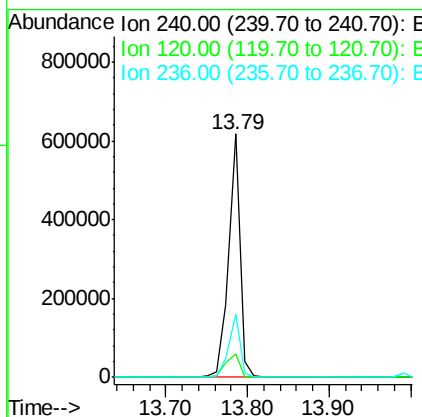
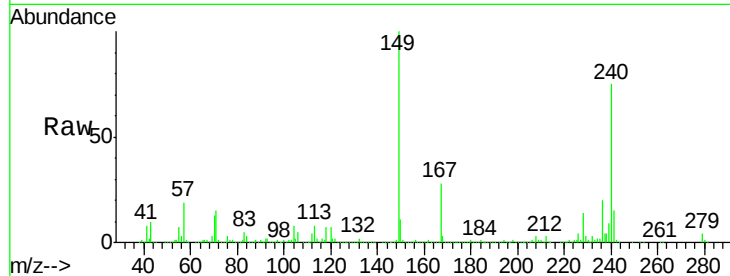
ClientSampleId :

PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	592982		
120	9.8	12.9	19.3	
236	26.0	20.9	31.3	

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#76

Benzidine

Concen: 28.77 ng

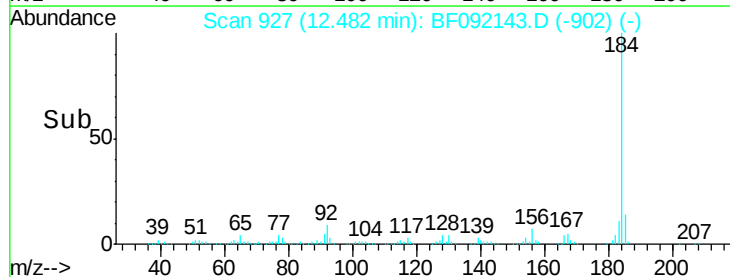
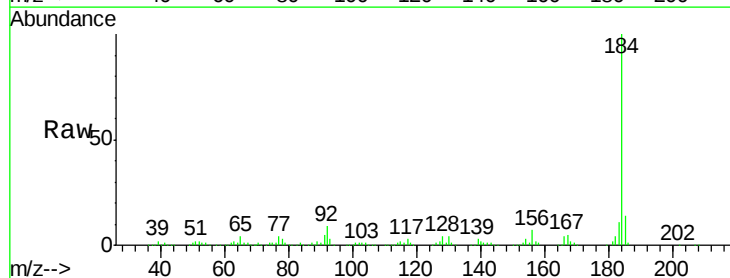
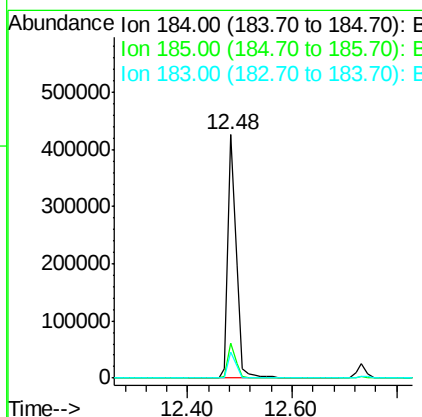
RT: 12.48 min Scan# 927

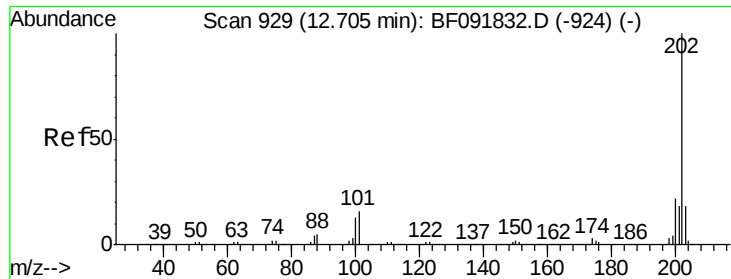
Delta R.T. -0.01 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	475962		
185	14.5	13.4	20.0	
183	11.0	9.2	13.8	





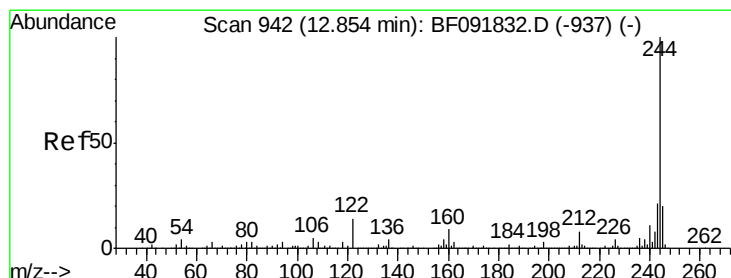
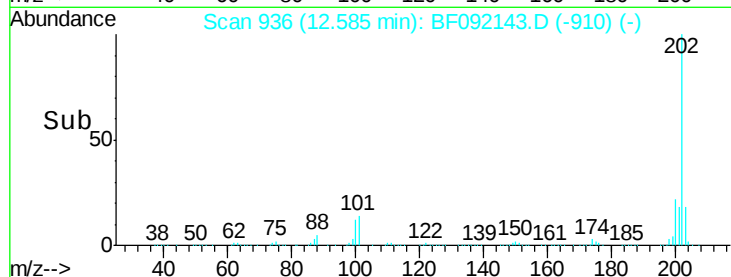
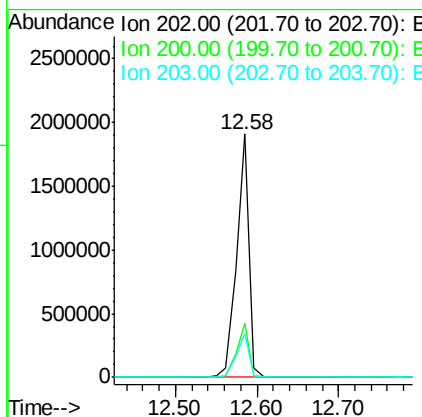
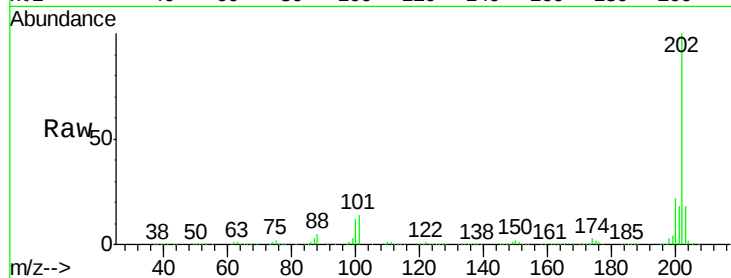
#77
Pyrene
 Concen: 45.96 ng
 RT: 12.58 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion: 202 Resp: 1999744
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 18.1 14.7 22.1

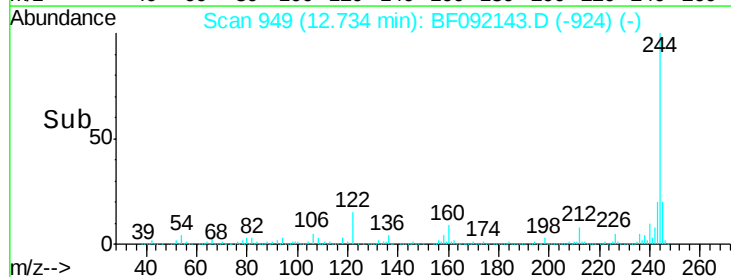
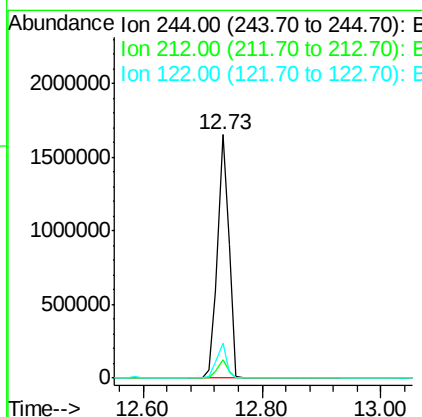
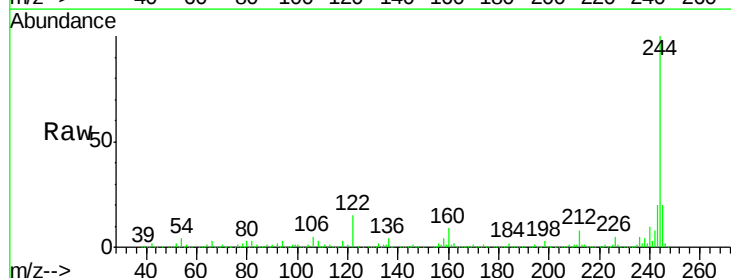
Manual Integrations
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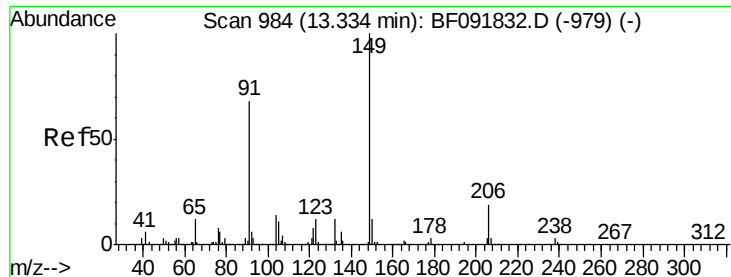
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#78
Terphenyl-d14
 Concen: 90.56 ng
 RT: 12.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion: 244 Resp: 2214316
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.6 11.4 17.2





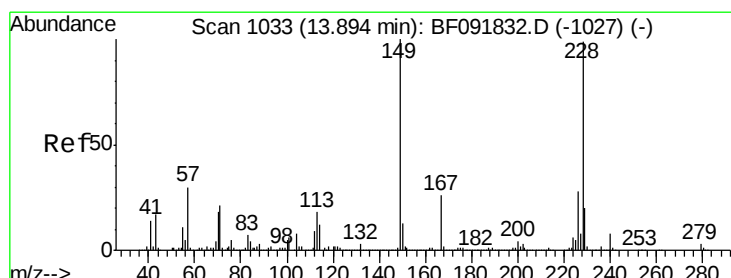
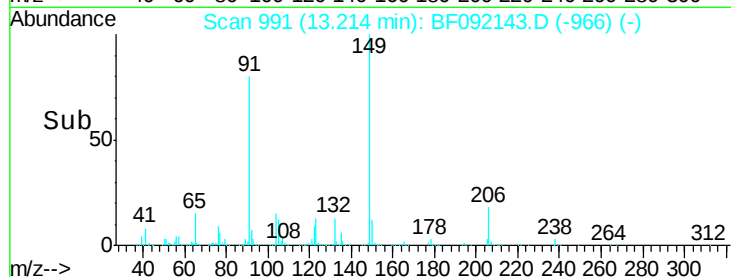
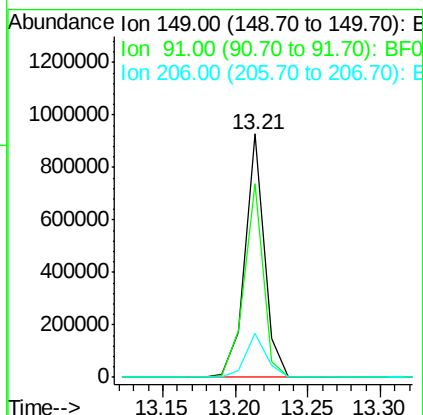
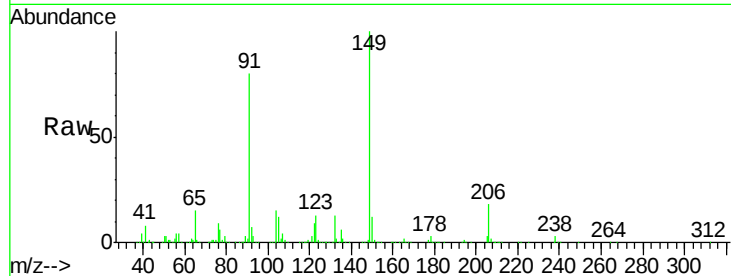
#79
Butylbenzylphthalate
Concen: 43.72 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	865196		
91	79.8	63.9	95.9	
206	18.2	14.6	21.8	

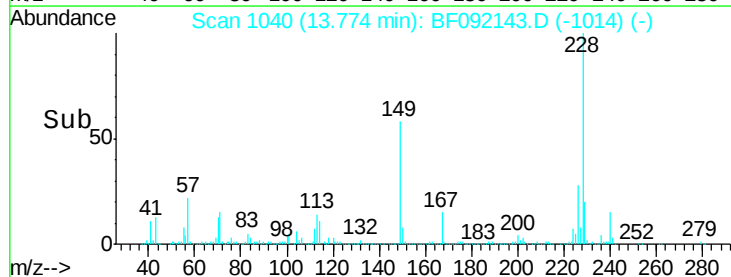
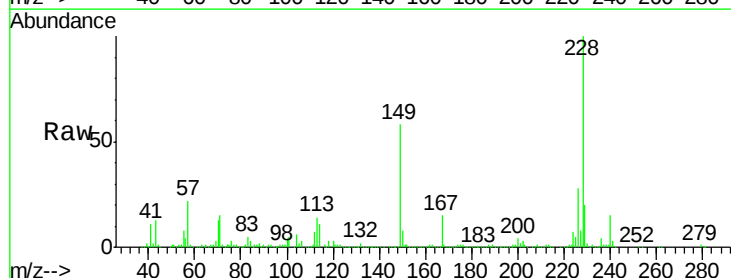
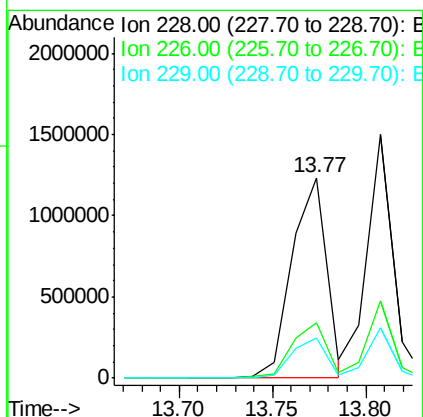
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#80
Benzo(a)anthracene
Concen: 48.18 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1612812		
226	27.9	22.4	33.6	
229	20.1	16.2	24.4	





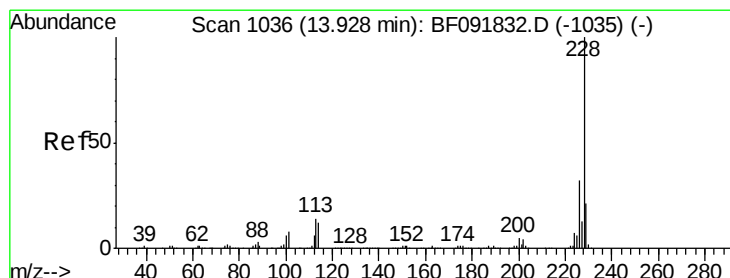
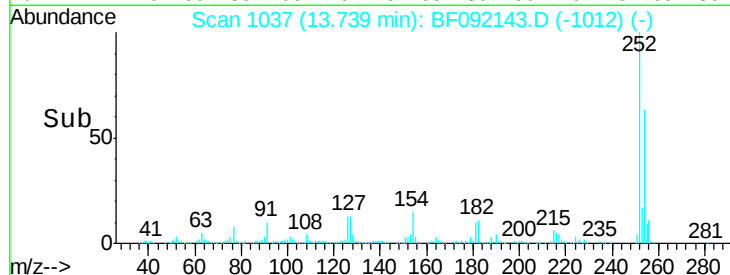
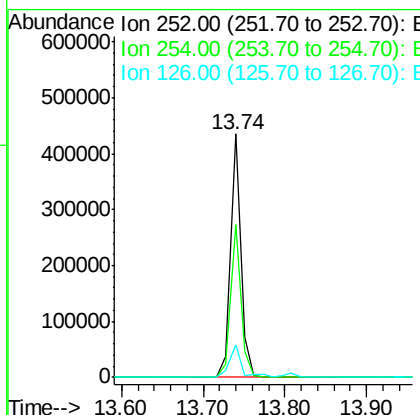
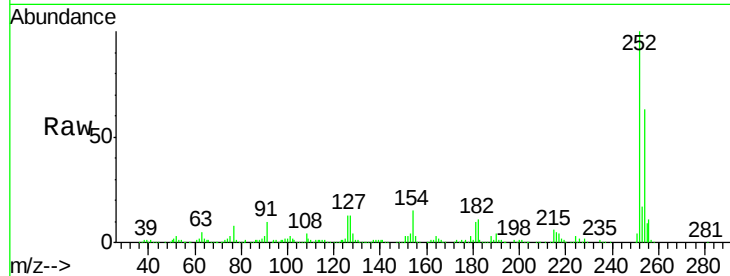
#81
 3,3'-Dichlorobenzidine
 Concen: 29.92 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampled :
 PB95818BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	62.6	52.3	78.5
126	13.2	13.6	20.4

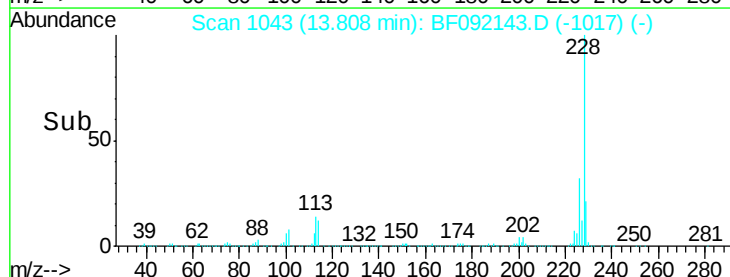
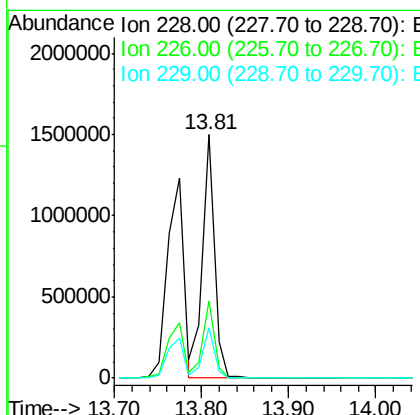
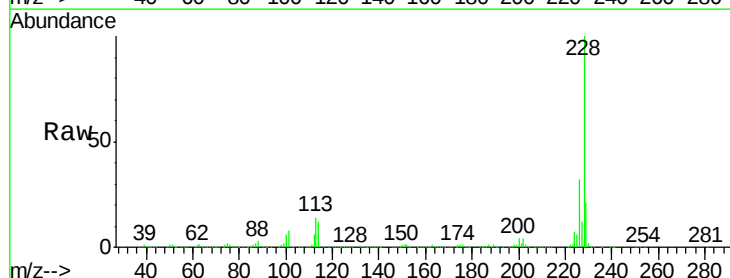
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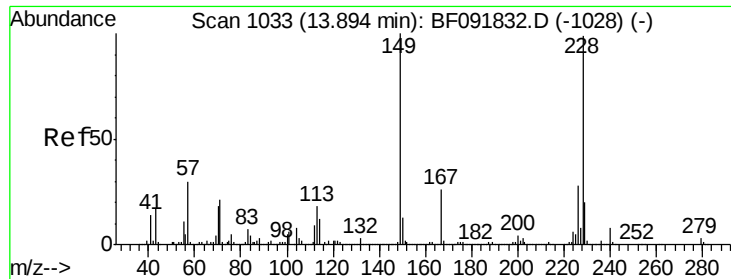
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#82
 Chrysene
 Concen: 42.60 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	25.4	38.0
229	20.8	16.2	24.2





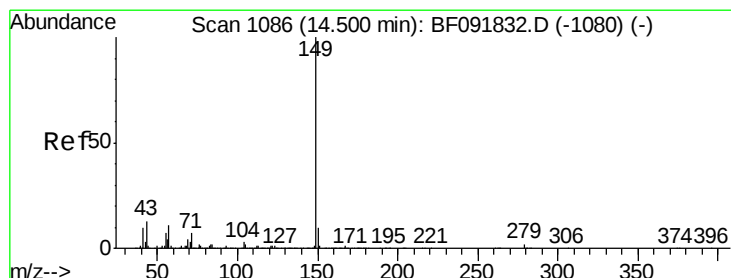
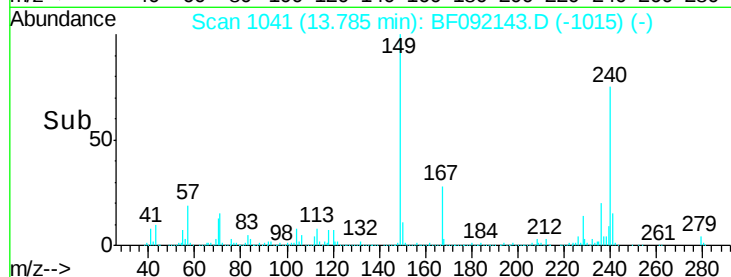
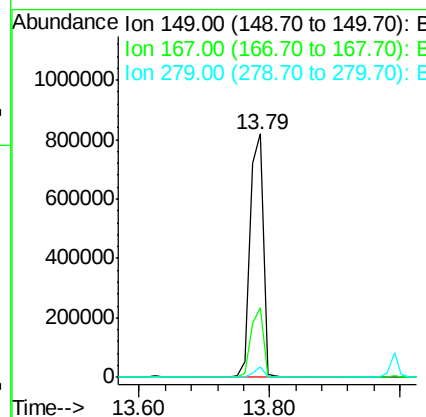
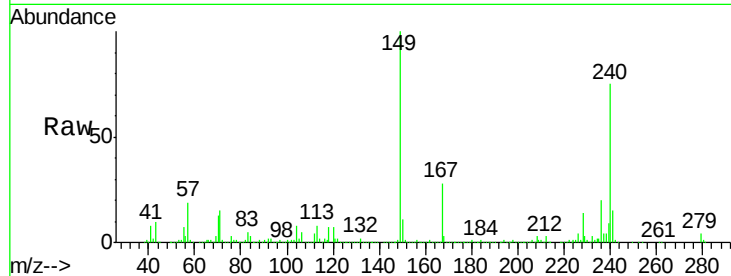
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.70 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:149 Resp: 1111526
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.2 30.4
 279 4.4 1.8 2.8#

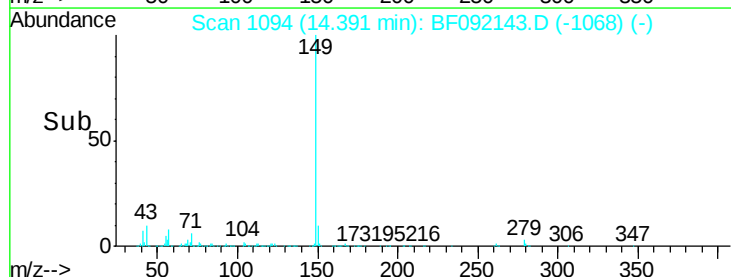
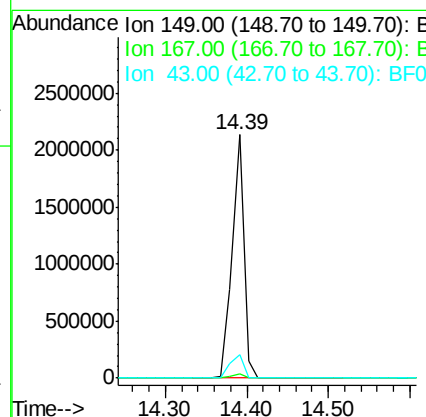
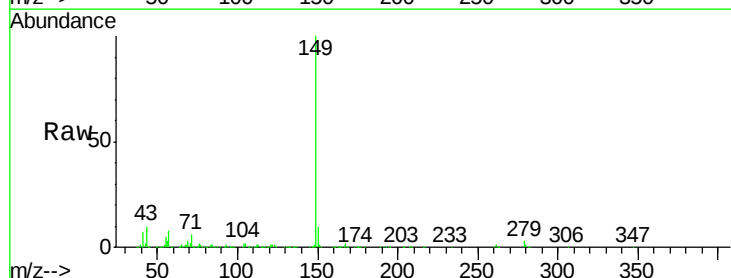
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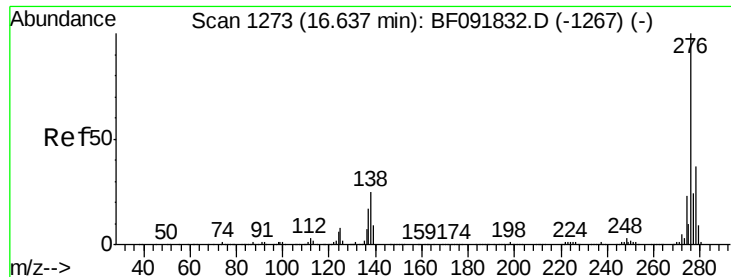
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#84
 Di-n-octyl phthalate
 Concen: 49.34 ng
 RT: 14.39 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:149 Resp: 2129727
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 8.9 13.3





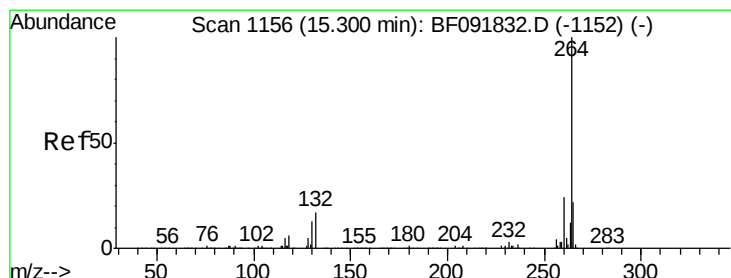
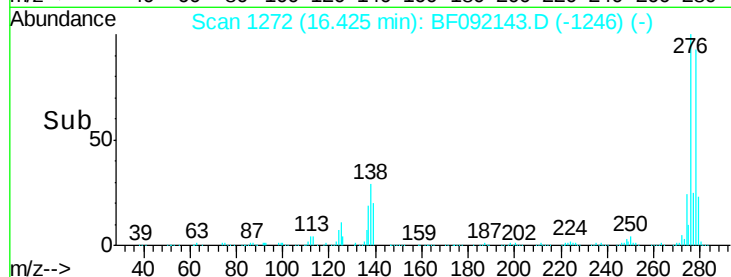
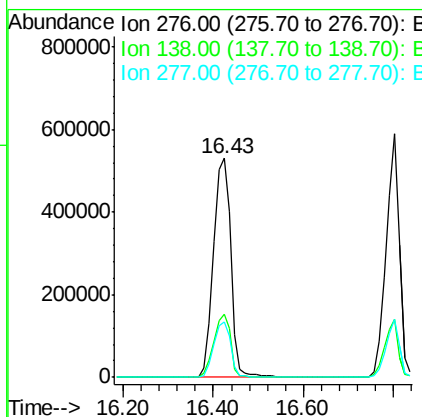
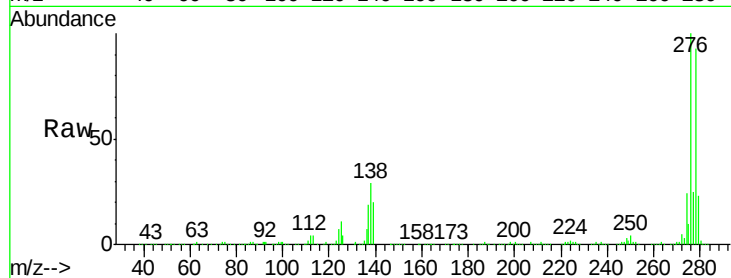
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.41 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion:276 Resp: 1437079
 Ion Ratio Lower Upper
 276 100
 138 28.0 21.8 32.6
 277 24.7 20.2 30.4

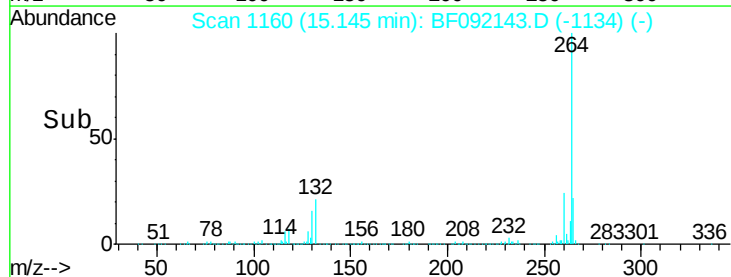
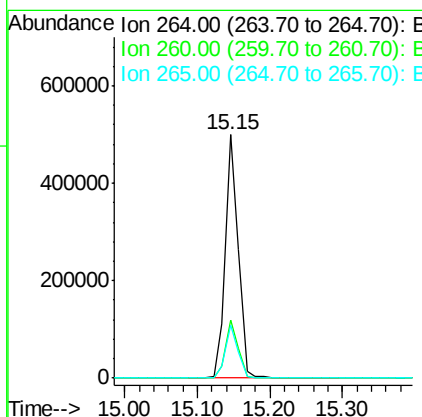
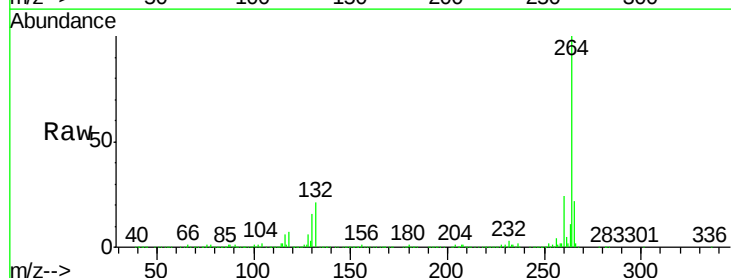
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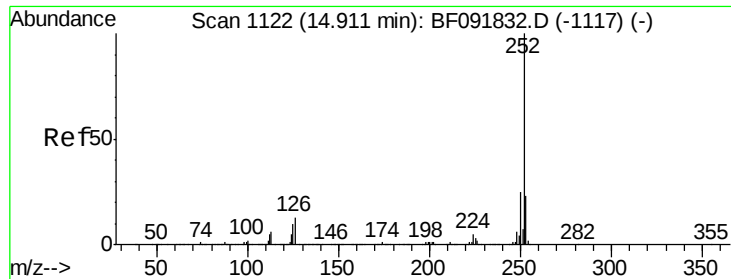
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Tgt Ion:264 Resp: 620811
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 46.56 ng m

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Instrument :

BNA_F

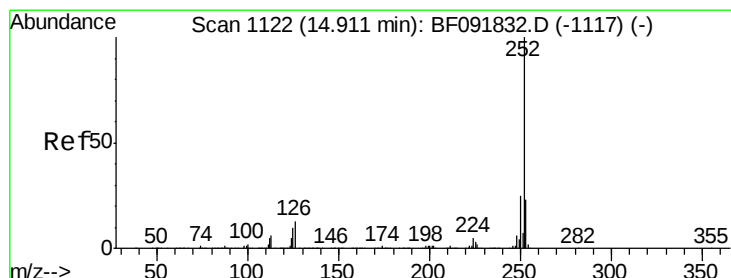
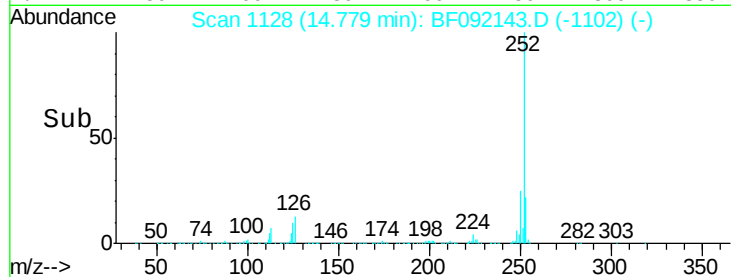
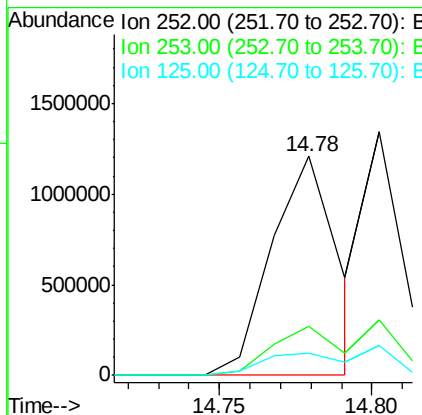
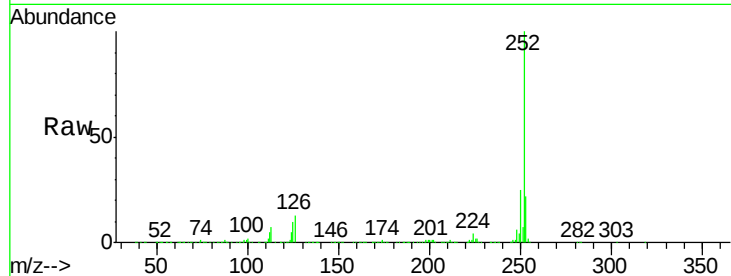
ClientSampleId :

PB95818BS

Tgt Ion:	252	Resp:	1799551
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.1	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 35.89 ng m

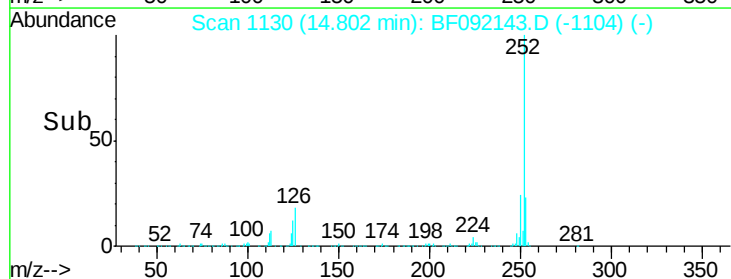
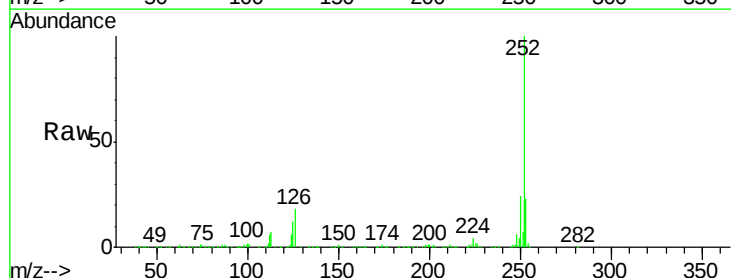
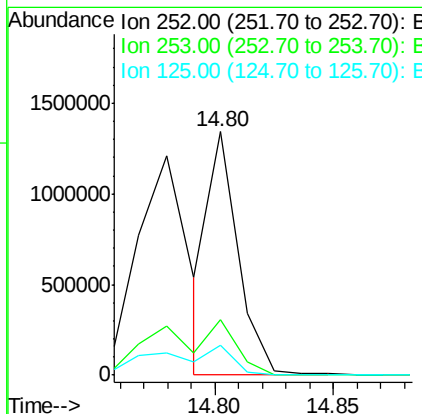
RT: 14.80 min Scan# 1130

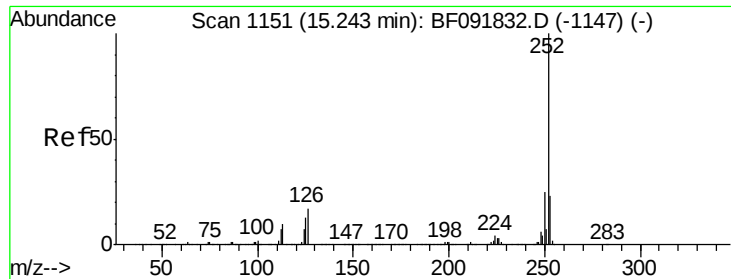
Delta R.T. 0.00 min

Lab File: BF092143.D

Acq: 9 Jan 2017 17:54

Tgt Ion:	252	Resp:	1182990
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	12.2	8.9	13.3





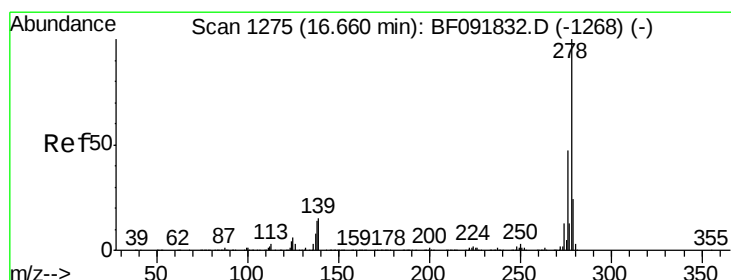
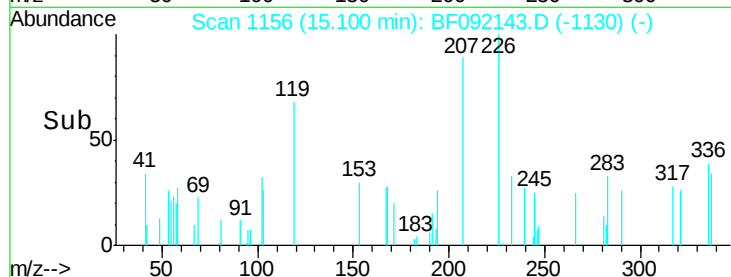
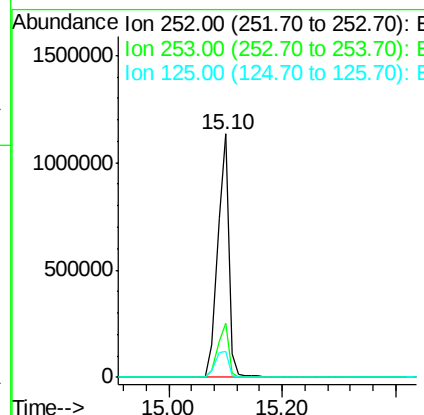
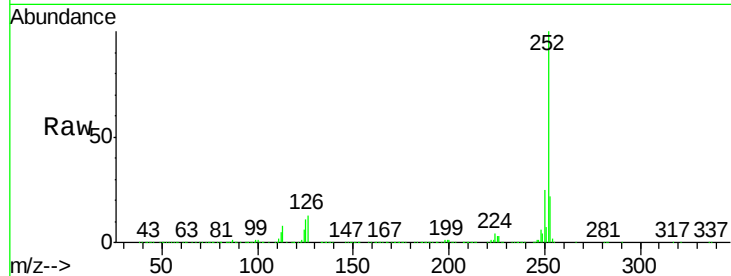
#89
Benzo(a)pyrene
Concen: 43.63 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Instrument :
BNA_F
ClientSampleId :
PB95818BS

Tgt Ion: 252 Resp: 1496634
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.5 10.0 15.0

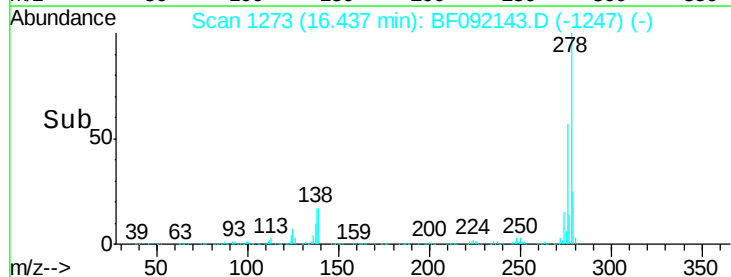
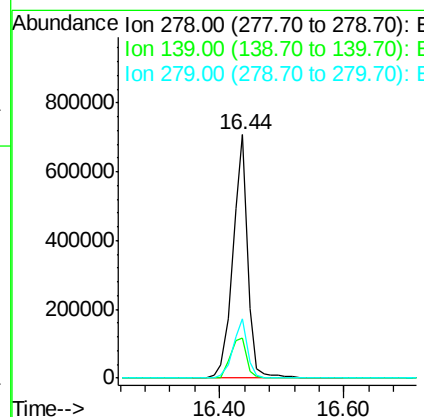
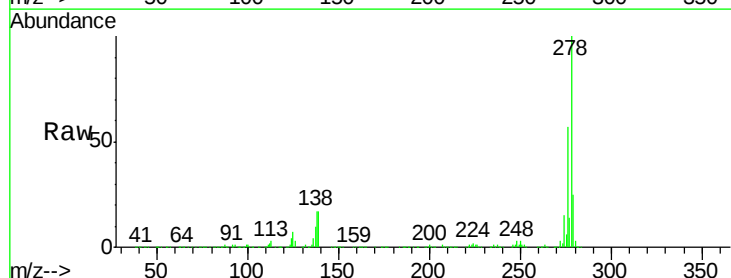
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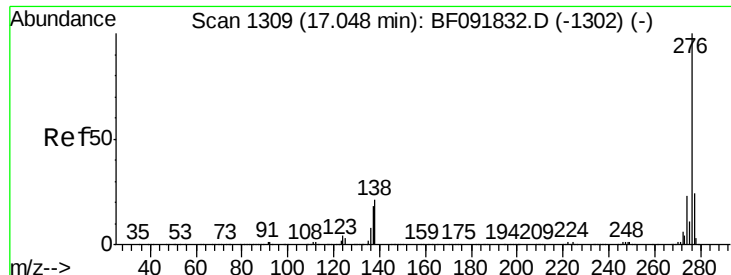
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#90
Dibenzo(a,h)anthracene
Concen: 41.42 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092143.D
Acq: 9 Jan 2017 17:54

Tgt Ion: 278 Resp: 1167898
Ion Ratio Lower Upper
278 100
139 16.5 14.8 22.2
279 24.5 19.8 29.6





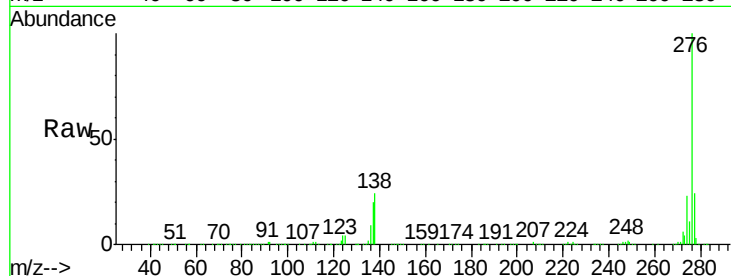
#91
 Benzo(g,h,i)perylene
 Concen: 41.71 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092143.D
 Acq: 9 Jan 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.6	16.0	24.0

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Abundance Ion 276.00 (275.70 to 276.70): E
 800000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

