

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091591.D
 Acq On : 14 Dec 2016 18:28
 Operator : UM/SJ
 Sample : PB95351BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

Manual Integrations
 APPROVED

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 12/15/2016 5:39:54 PM

Quant Time: Dec 15 01:11:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	277057	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1122447	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	617810	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	970018	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	699123	20.00	ng	-0.01
86) Perylene-d12	15.36	264	577154	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2017599	122.69	ng	-0.01
7) Phenol-d6	6.44	99	2494761	121.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1826462	90.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	571171	111.31	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2665647	74.55	ng	-0.02
78) Terphenyl-d14	12.90	244	2398253	77.84	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	300999	34.68	ng	# 86
3) Pyridine	3.12	79	844923	36.54	ng	# 80
4) n-Nitrosodimethylamine	3.06	42	413844	41.65	ng	# 63
6) Aniline	6.45	93	608677	22.64	ng	# 27
8) 2-Chlorophenol	6.58	128	762006	41.05	ng	86
9) Benzaldehyde	6.34	77	142836m	10.12	ng	
10) Phenol	6.45	94	878114	36.63	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	786024	43.65	ng	89
12) 1,3-Dichlorobenzene	6.74	146	844600	41.96	ng	94
13) 1,4-Dichlorobenzene	6.81	146	810261	40.81	ng	94
14) 1,2-Dichlorobenzene	6.97	146	807052	45.11	ng	95
15) Benzyl Alcohol	6.94	79	727291	44.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1179539	42.27	ng	80
17) 2-Methylphenol	7.06	107	644090m	41.94	ng	
18) Hexachloroethane	7.31	117	324503	41.88	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	601728	46.94	ng	# 76
20) 3+4-Methylphenols	7.22	107	818118	49.65	ng	93
22) Acetophenone	7.21	105	1126735	41.90	ng	# 97
24) Nitrobenzene	7.38	77	870171	40.95	ng	# 89
25) Isophorone	7.62	82	1607921	44.98	ng	97
26) 2-Nitrophenol	7.70	139	457813	48.82	ng	# 80
27) 2,4-Dimethylphenol	7.74	122	767280	46.58	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	1006069	47.98	ng	100
29) 2,4-Dichlorophenol	7.94	162	643762	44.92	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	683318	41.95	ng	97
31) Naphthalene	8.10	128	2165601	41.47	ng	99
32) Benzoic acid	7.87	122	581527	49.08	ng	93
33) 4-Chloroaniline	8.16	127	214023	9.51	ng	# 93
34) Hexachlorobutadiene	8.22	225	380385	40.74	ng	98
35) Caprolactam	8.52	113	226231m	54.06	ng	
36) 4-Chloro-3-methylphenol	8.65	107	706510	43.96	ng	99
37) 2-Methylnaphthalene	8.80	142	1518027	44.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	631908	37.29	ng	99
40) Hexachlorocyclopentadiene	8.96	237	683350	90.45	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	474735	43.60	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	480436	42.94	nq	# 91
45) 1,1'-Biphenyl	9.26	154	1884084	42.10	nq	95
46) 2-Chloronaphthalene	9.29	162	1449550	41.83	nq	94
47) 2-Nitroaniline	9.38	65	441823	37.92	nq	89
48) Acenaphthylene	9.70	152	2199101	41.63	nq	98
49) Dimethylphthalate	9.56	163	1541914	39.42	nq	98
50) 2,6-Dinitrotoluene	9.62	165	362599	42.23	nq	89
51) Acenaphthene	9.87	154	1596047	43.50	nq	97
52) 3-Nitroaniline	9.79	138	204579	20.28	nq	93
53) 2,4-Dinitrophenol	9.89	184	407155	80.35	nq	# 81
54) Dibenzofuran	10.04	168	1851696	40.79	nq	99
55) 4-Nitrophenol	9.96	139	657404	87.61	nq	93
56) 2,4-Dinitrotoluene	10.03	165	546377	50.77	nq	89
57) Fluorene	10.38	166	1510177	46.75	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	384034	43.84	nq	96
59) Diethylphthalate	10.27	149	1666984	44.25	nq	# 93
60) 4-Chlorophenyl-phenylether	10.37	204	596361	36.54	nq	# 76
61) 4-Nitroaniline	10.41	138	395671	39.48	nq	95
62) Azobenzene	10.53	77	1794683	42.04	nq	88
64) 4,6-Dinitro-2-methylphenol	10.43	198	248892	42.60	nq	# 79
65) n-Nitrosodiphenylamine	10.50	169	1337850	46.26	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	417624	41.99	nq	100
67) Hexachlorobenzene	10.93	284	470084	45.46	nq	98
68) Atrazine	11.02	200	387314	41.65	nq	99
69) Pentachlorophenol	11.13	266	527107	90.57	nq	94
70) Phenanthrene	11.35	178	2321849	48.34	nq	99
71) Anthracene	11.39	178	2072673	40.00	nq	99
72) Carbazole	11.55	167	2069050	45.56	nq	99
73) Di-n-butylphthalate	11.88	149	2320940	43.86	nq	98
74) Fluoranthene	12.52	202	2099822	41.75	nq	94
76) Benzidine	12.65	184	675534	31.25	nq	98
77) Pyrene	12.75	202	2110459	38.05	nq	98
79) Butylbenzylphthalate	13.38	149	1049750	48.55	nq	98
80) Benzo(a)anthracene	13.94	228	1644088	40.49	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	316586	21.71	nq	100
82) Chrysene	13.97	228	1611632	37.94	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1229269	44.31	nq	98
84) Di-n-octyl phthalate	14.56	149	2211295	46.96	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.72	276	1415011	37.02	nq	98
87) Benzo(b)fluoranthene	14.96	252	1447718	42.08	nq	99
88) Benzo(k)fluoranthene	14.99	252	1419442m	46.92	nq	
89) Benzo(a)pyrene	15.30	252	1340739	43.26	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	1162902	41.88	nq	97
91) Benzo(g,h,i)perylene	17.13	276	1233751	43.66	nq	# 94

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

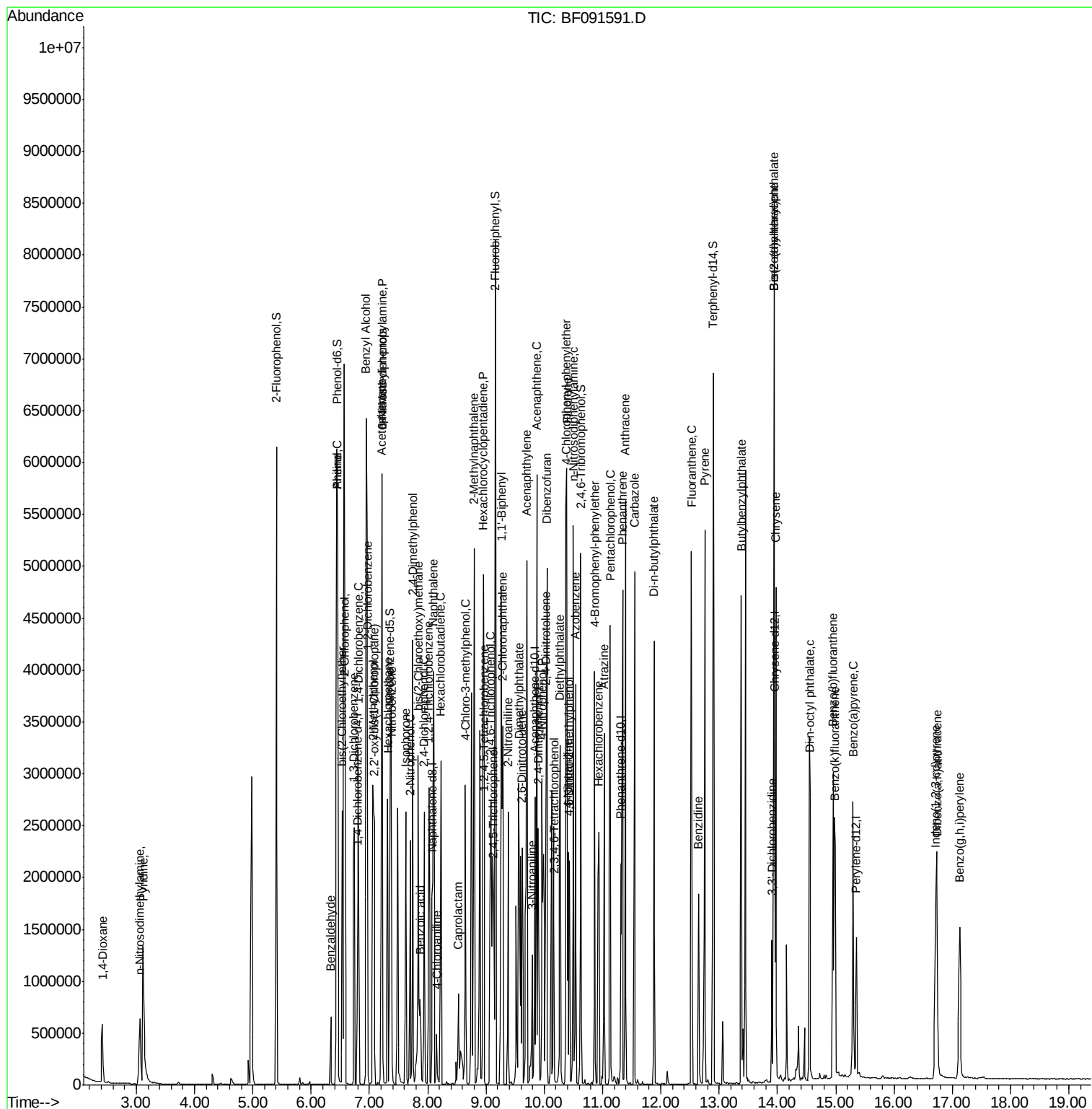
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
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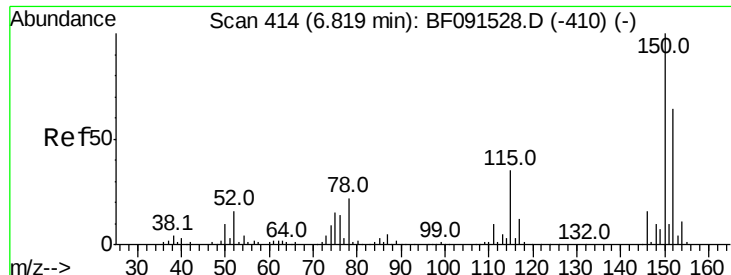
Instrument :
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#1

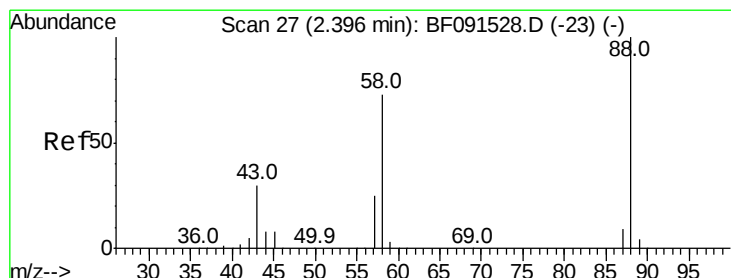
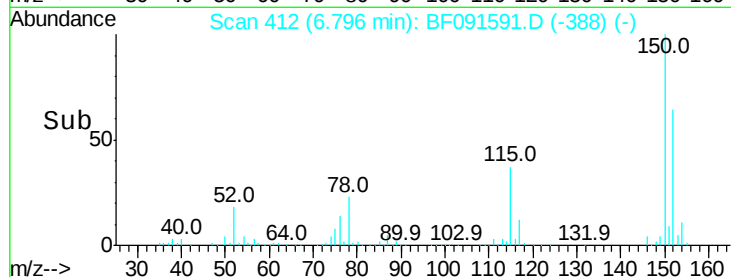
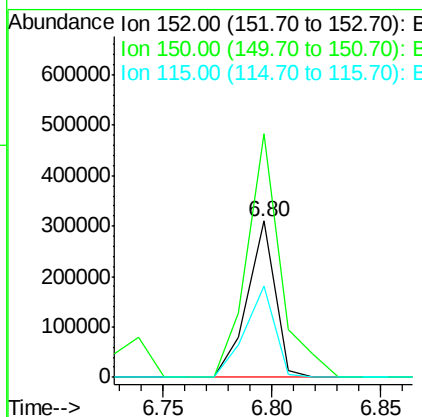
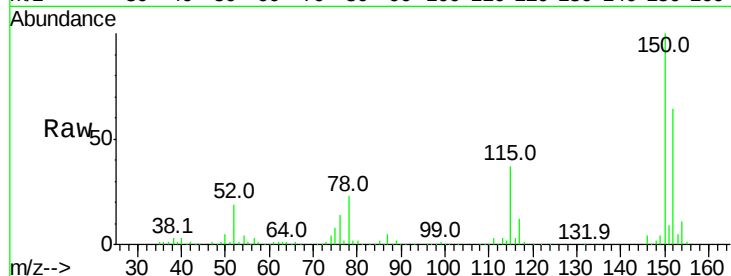
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	58.4	51.8	77.8

Manual Integrations
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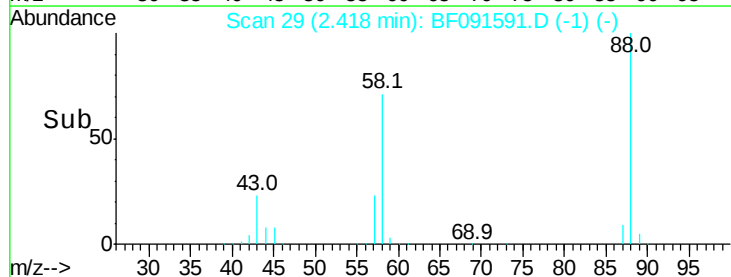
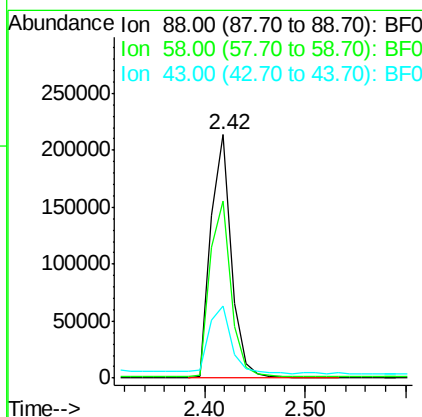
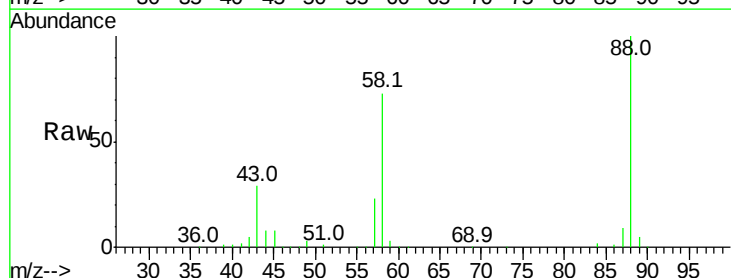
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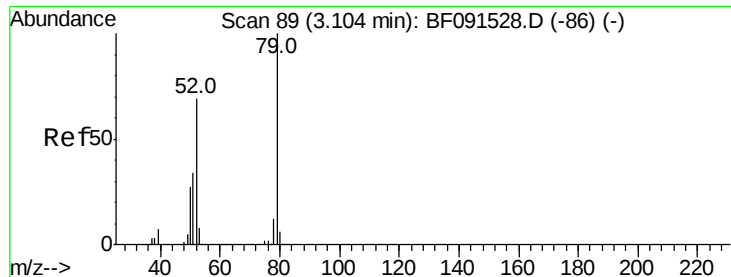


#2

1,4-Dioxane
Concen: 34.68 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	70.3	105.5
43	29.8	31.3	46.9#





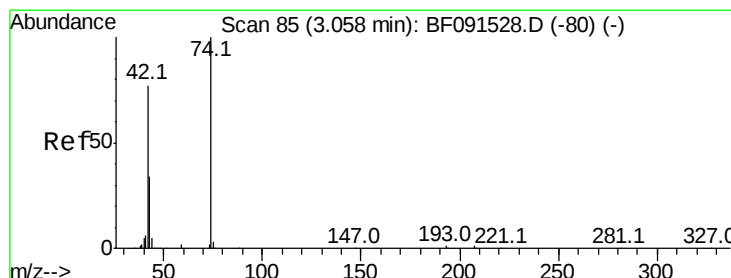
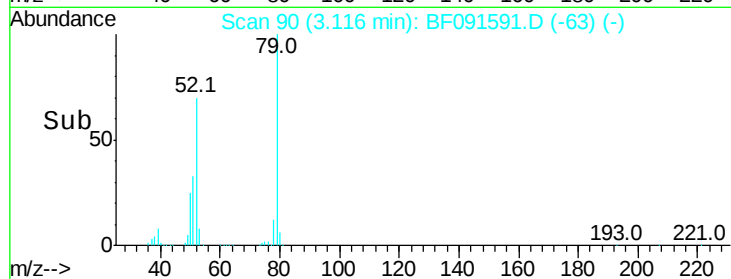
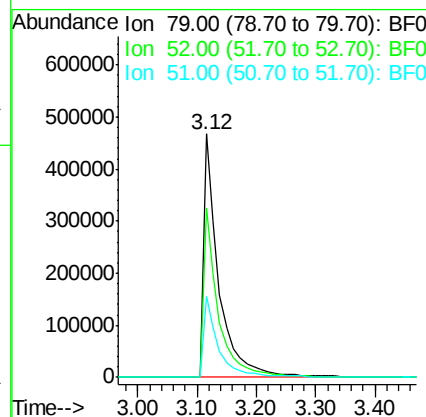
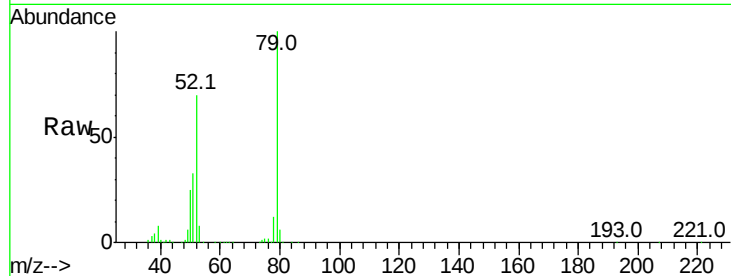
#3
 Pvridine
 Concen: 36.54 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.7	71.0	106.4#
51	33.4	37.0	55.4#

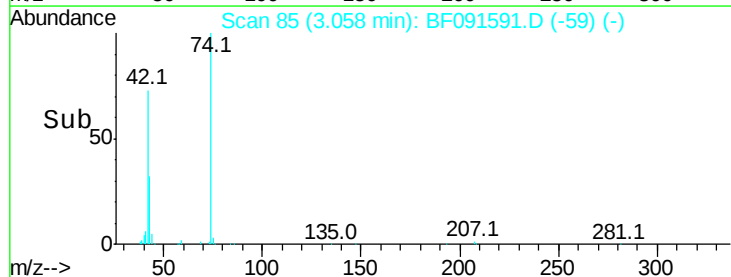
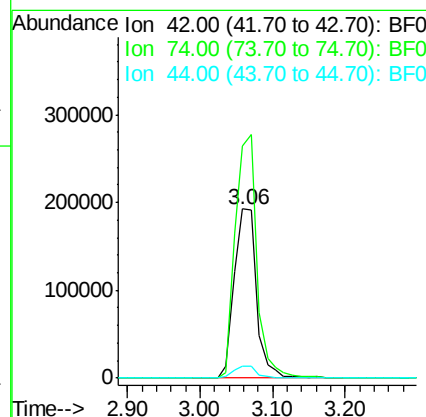
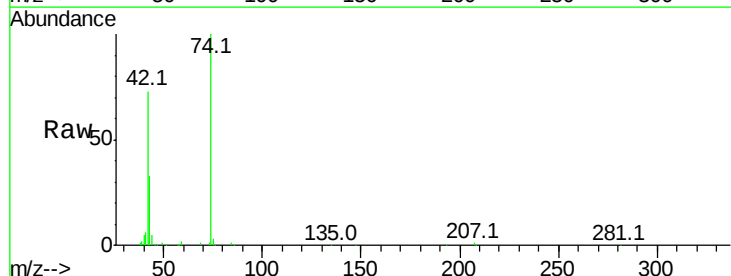
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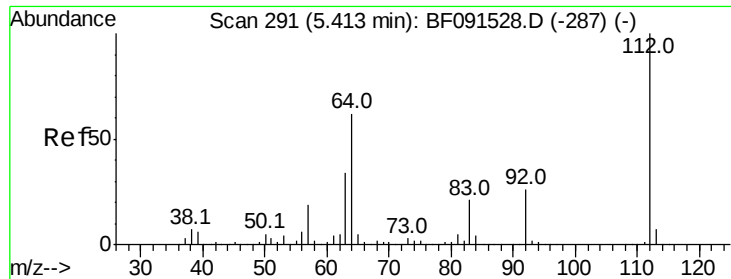
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#4
 n-Nitrosodimethylamine
 Concen: 41.65 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.4	78.9	118.3#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 122.69 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:112 Resp: 2017599

Ion Ratio Lower Upper

112 100

64 66.3 61.5 92.3

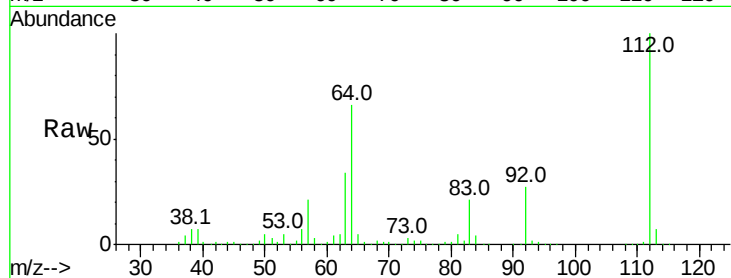
63 34.0 33.3 49.9

Manual Integrations

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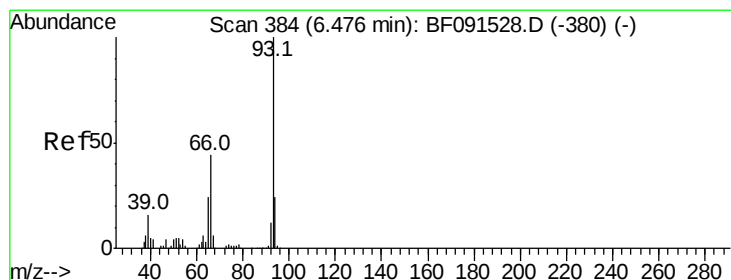
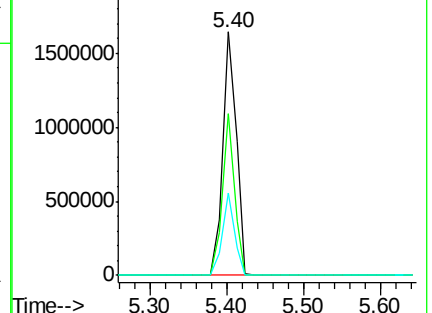
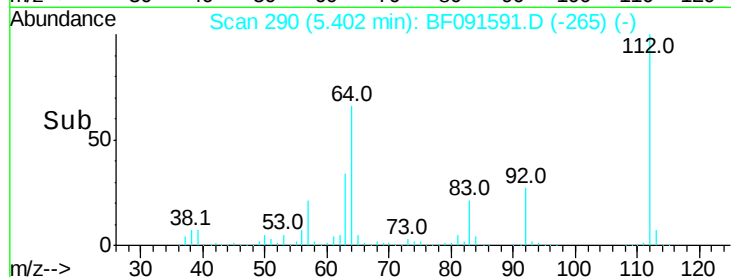
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.64 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

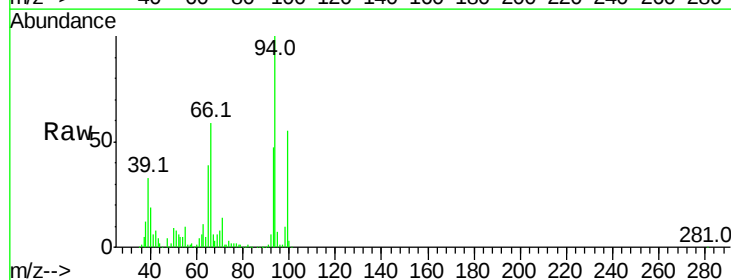
Tgt Ion: 93 Resp: 608677

Ion Ratio Lower Upper

93 100

66 127.4 55.8 83.6#

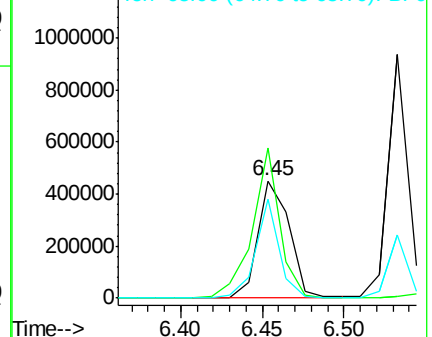
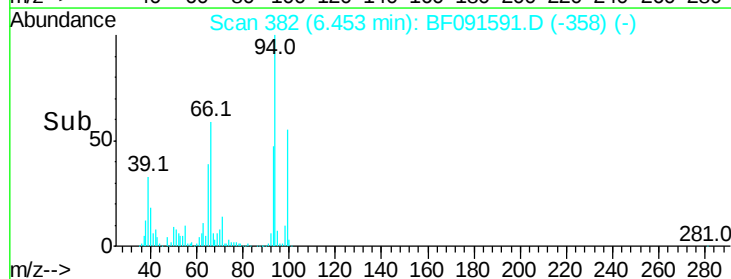
65 84.5 29.9 44.9#

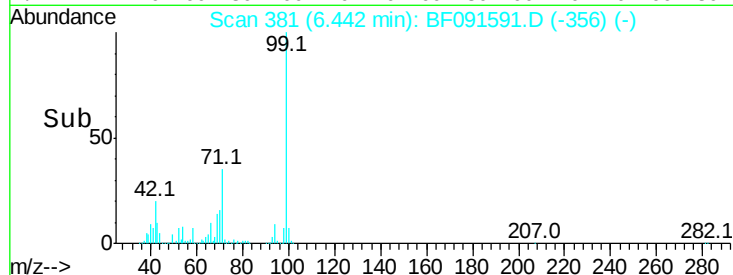
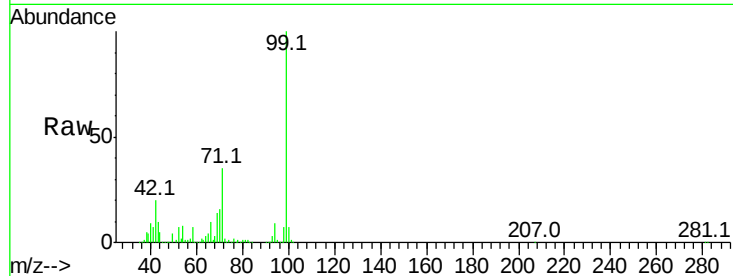
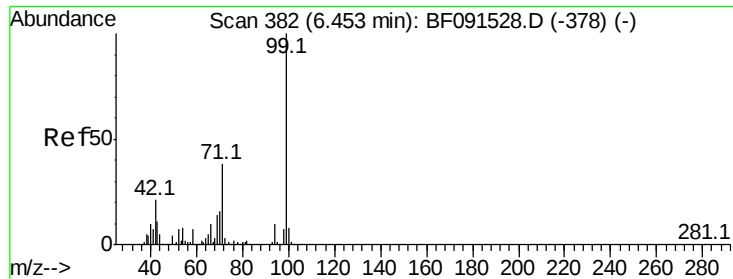


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.69 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tot Ion	99	Resp	2494761
Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.6	31.0#
71	35.2	29.9	44.9

Instrument :

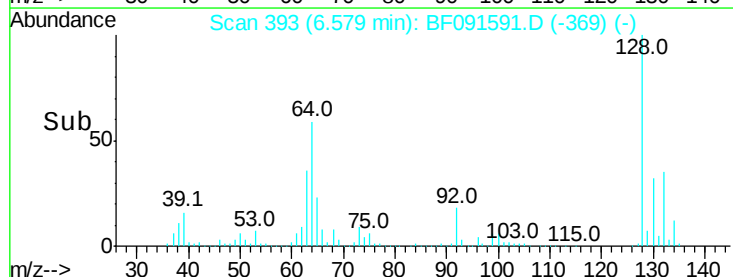
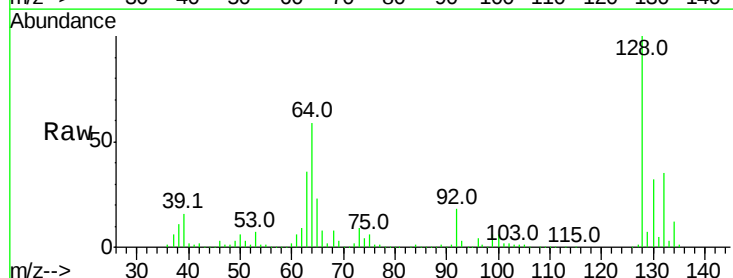
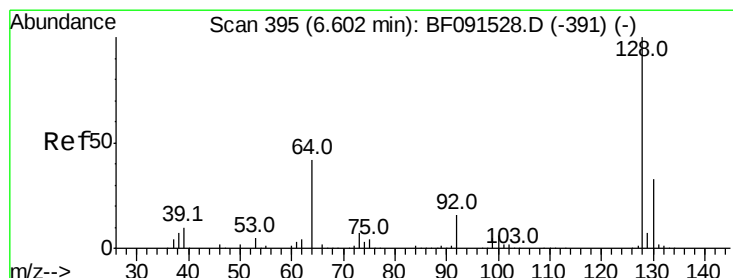
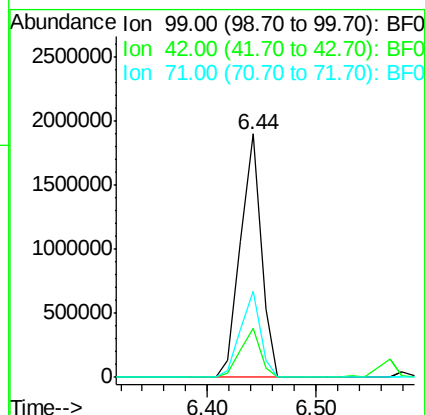
BNA_F

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#8

2-Chlorophenol

Concen: 41.05 ng

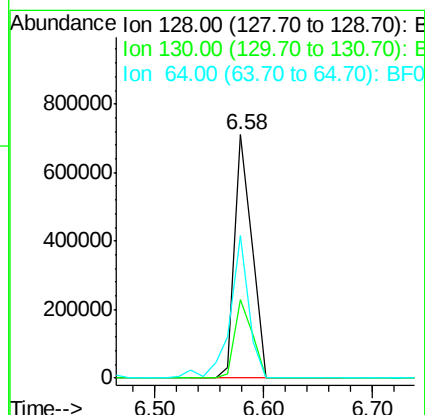
RT: 6.58 min Scan# 393

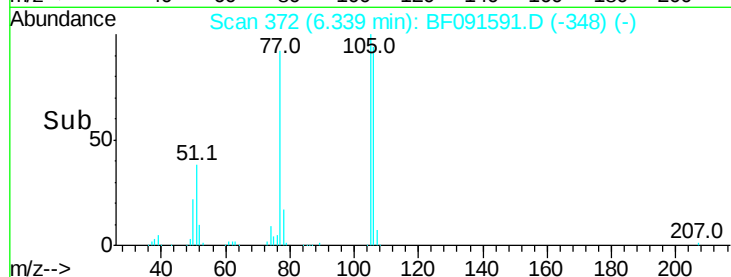
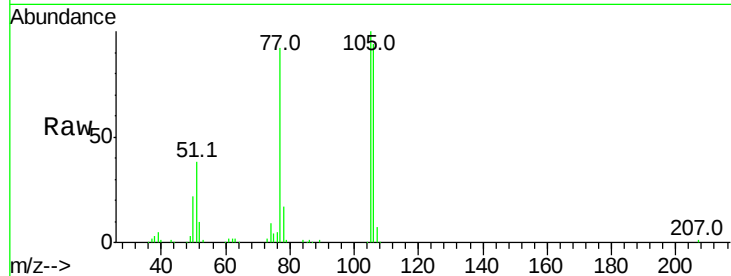
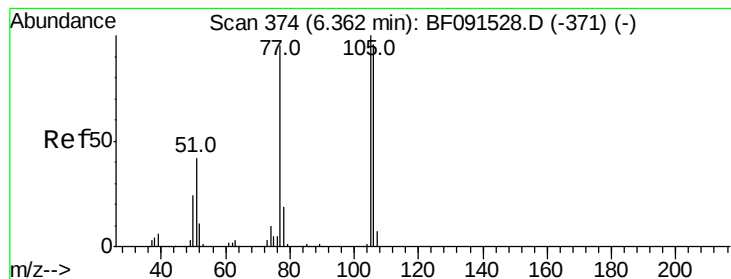
Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion	128	Resp	762006
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.1	53.1
64	58.8	24.1	64.1





#9

Benzaldehyde

Concen: 10.12 ng/ml

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion: 77 Resp: 142836

Ion Ratio Lower Upper

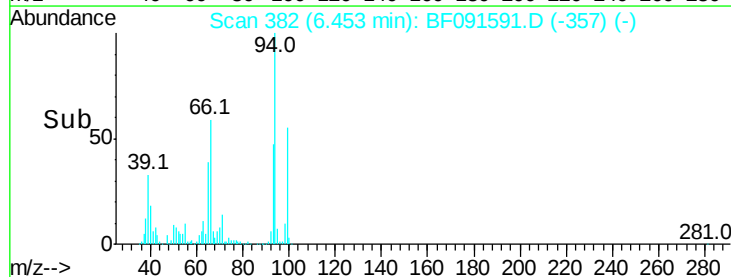
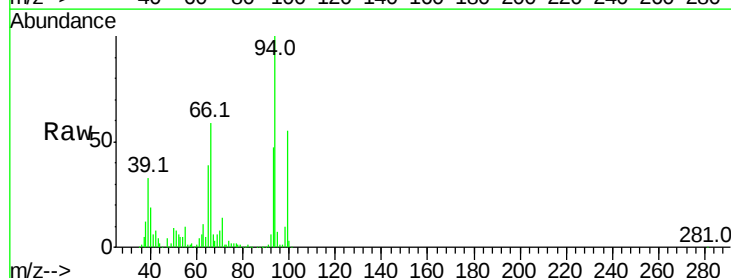
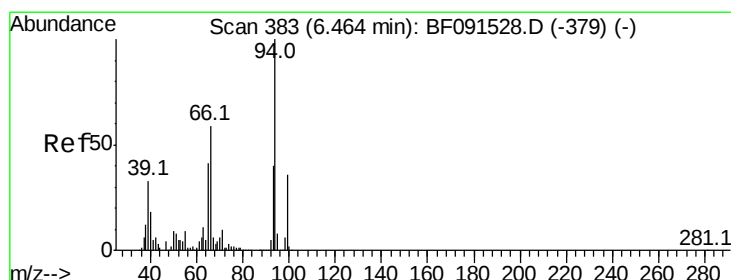
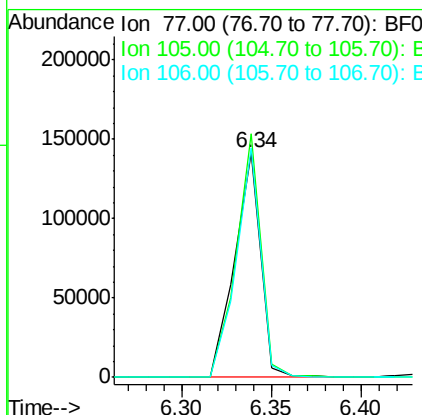
77 100

105 108.5 66.4 106.4#

106 102.1 60.9 100.9#

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#10

Phenol

Concen: 36.63 ng/ml

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

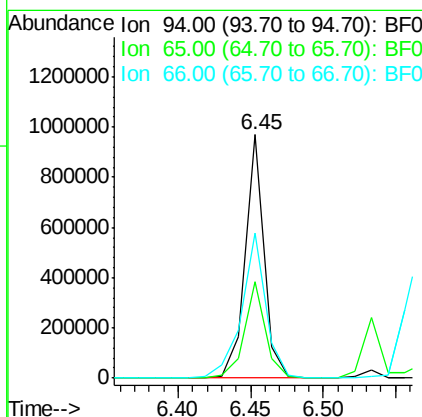
Tgt Ion: 94 Resp: 878114

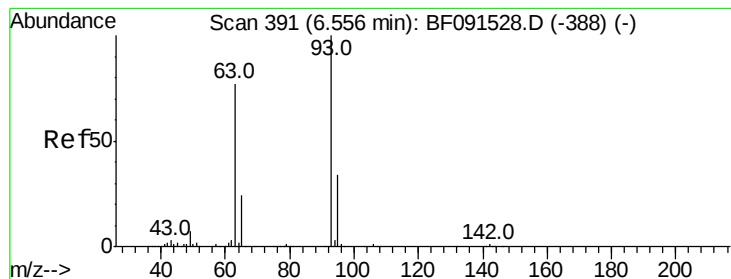
Ion Ratio Lower Upper

94 100

65 39.4 16.9 56.9

66 59.4 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 43.65 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

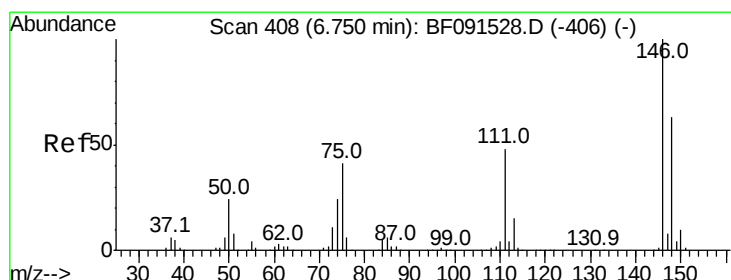
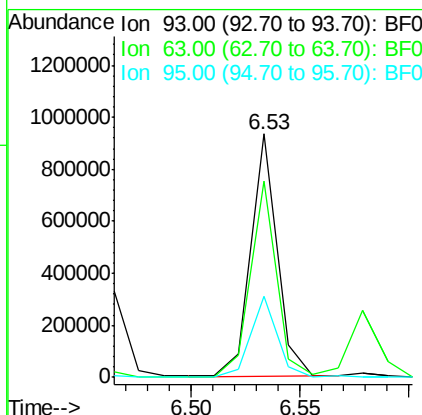
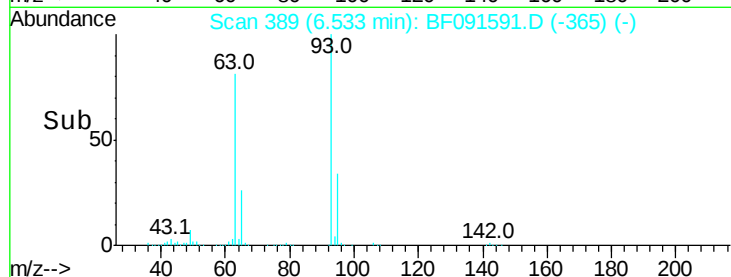
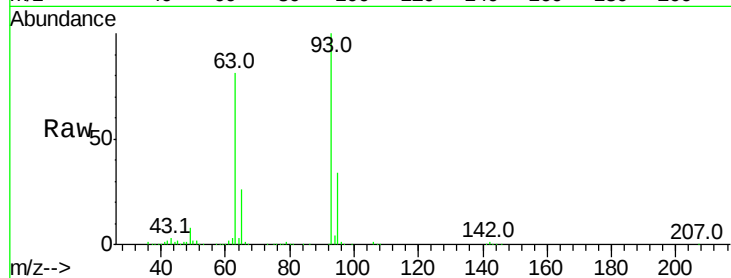
ClientSampleId :

PB95351BS

Tot Ion:	93	Resp:	786024
Ion Ratio	Lower	Upper	
93	100		
63	80.6	74.8	114.8
95	33.6	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 41.96 ng

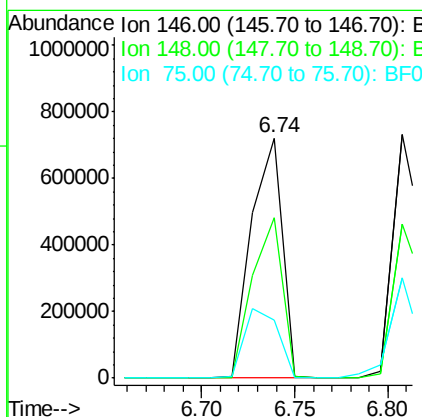
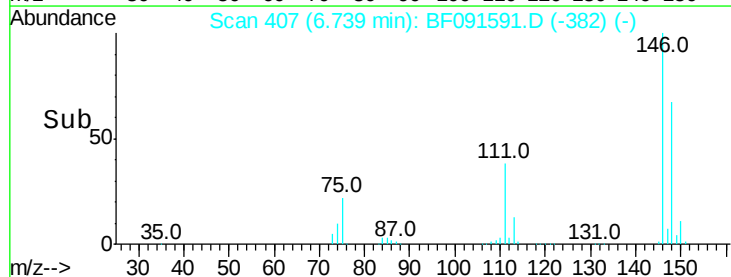
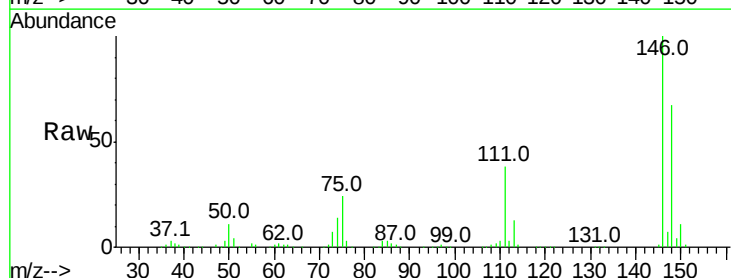
RT: 6.74 min Scan# 407

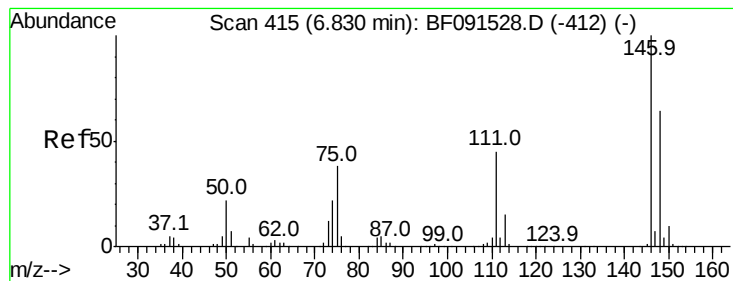
Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:	146	Resp:	844600
Ion Ratio	Lower	Upper	
146	100		
148	66.9	51.4	77.0
75	24.0	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 40.81 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

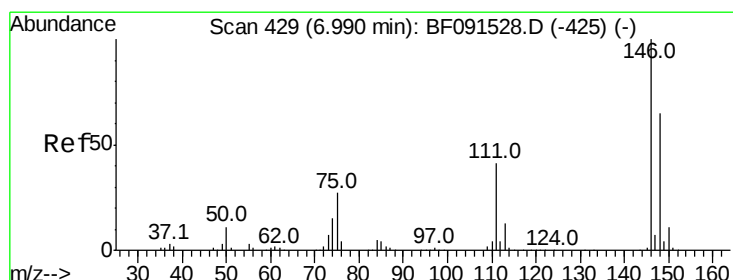
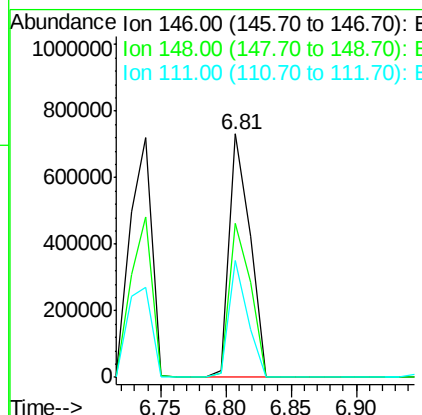
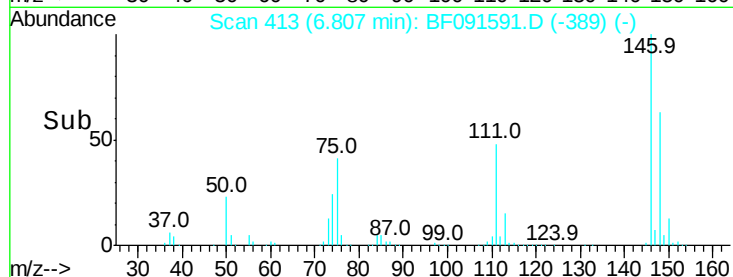
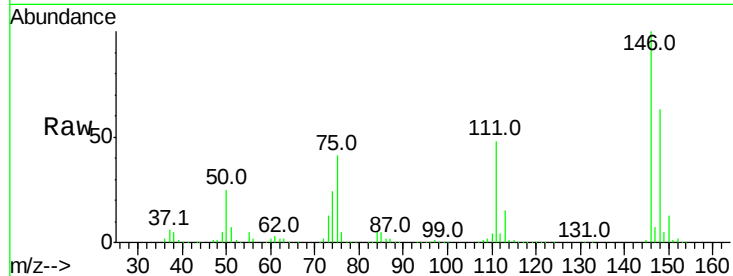
ClientSampleID :

PB95351BS

Tot Ion:	146	Resp:	810261
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.4	77.0
111	48.1	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 45.11 ng

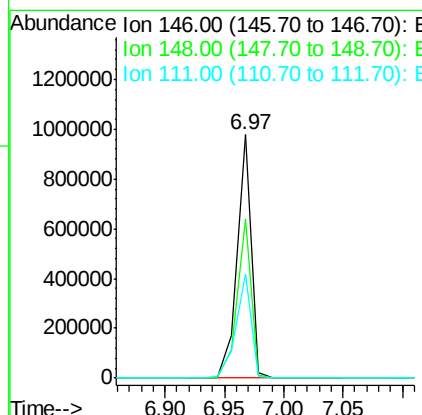
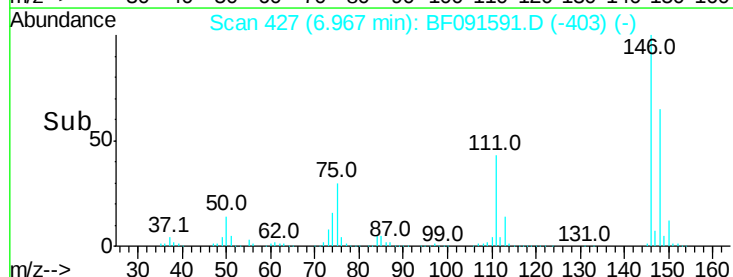
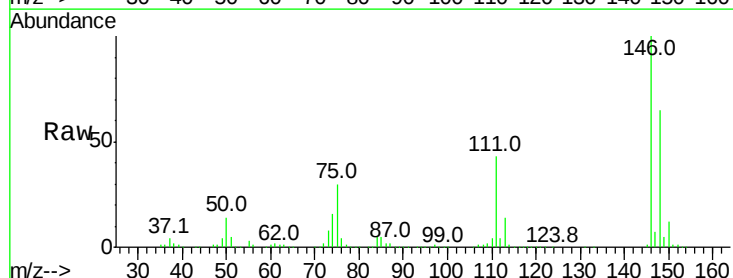
RT: 6.97 min Scan# 427

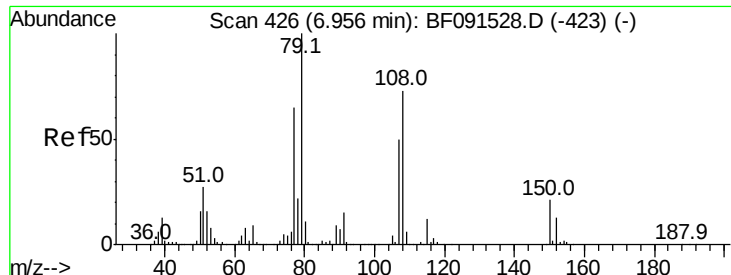
Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:	146	Resp:	807052
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.6
111	42.8	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.93 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleID :

PB95351BS

Tot Ion: 79 Resp: 727291

Ion Ratio Lower Upper

79 100

108 76.1 62.7 94.1

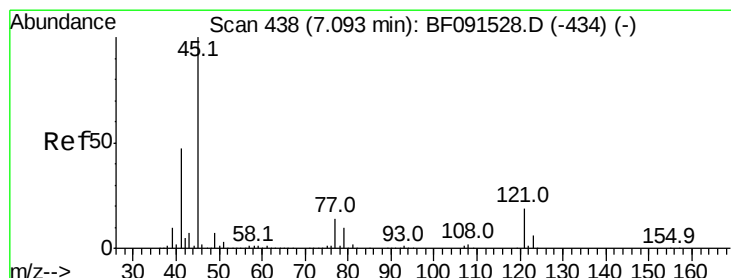
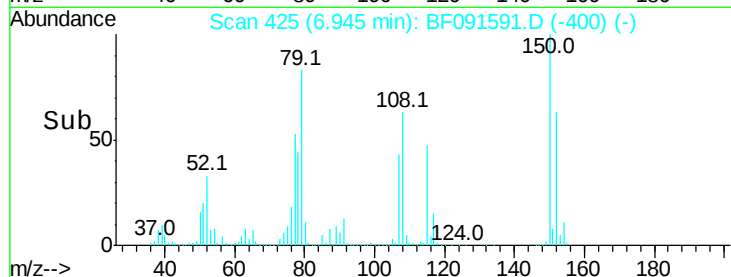
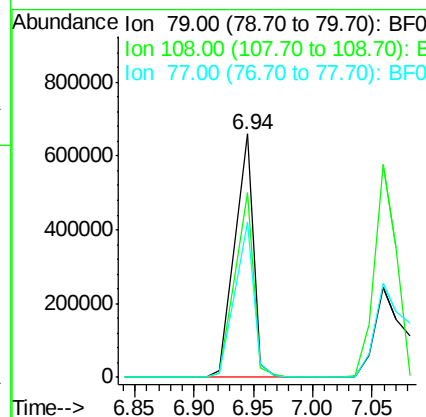
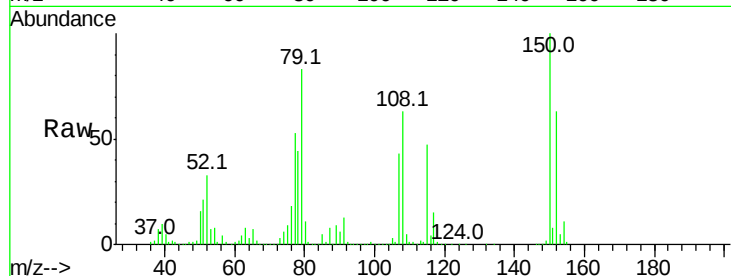
77 63.9 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.27 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

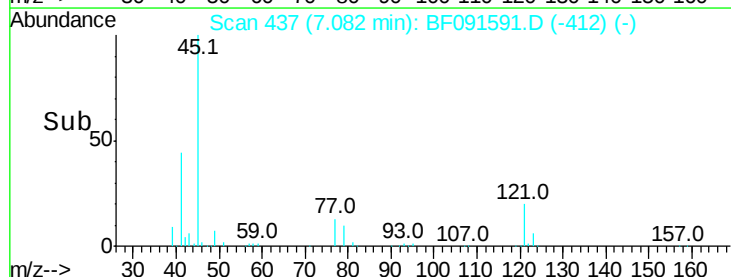
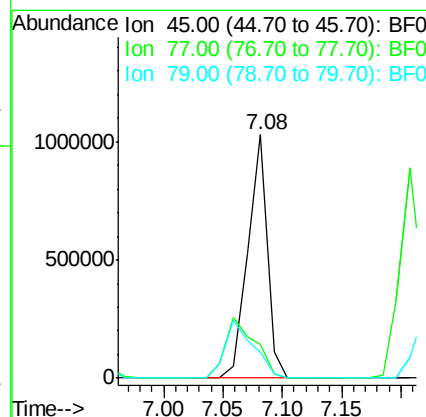
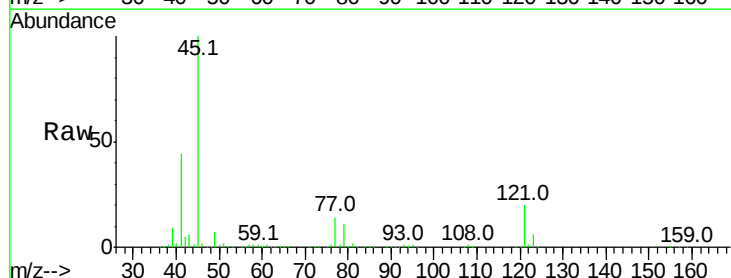
Tgt Ion: 45 Resp: 1179539

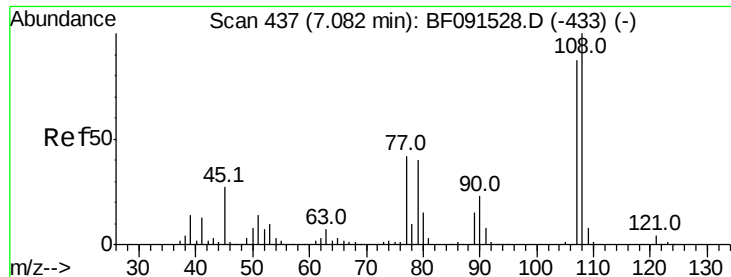
Ion Ratio Lower Upper

45 100

77 14.1 3.8 43.8

79 10.8 0.2 40.2





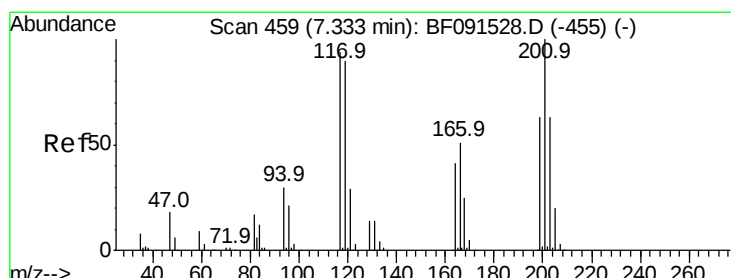
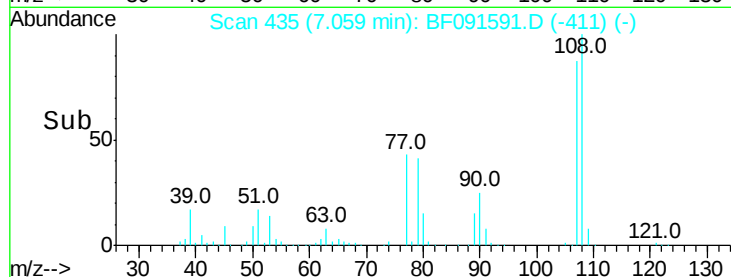
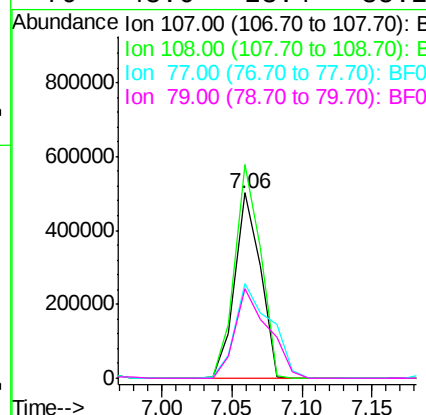
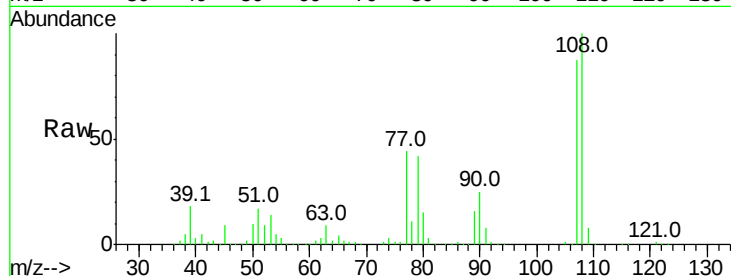
#17
2-Methylphenol
Concen: 41.94 ng/ml
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	67.7	101.5#
77	51.1	40.7	61.1
79	48.6	23.4	35.2#

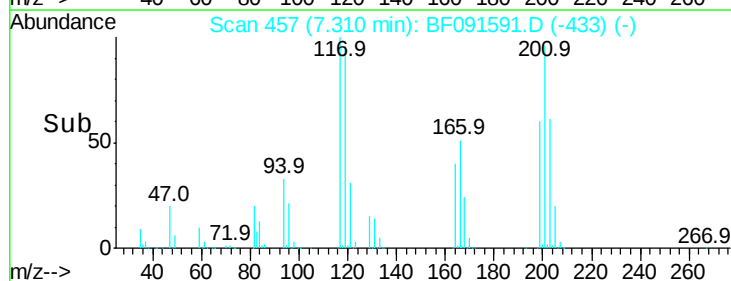
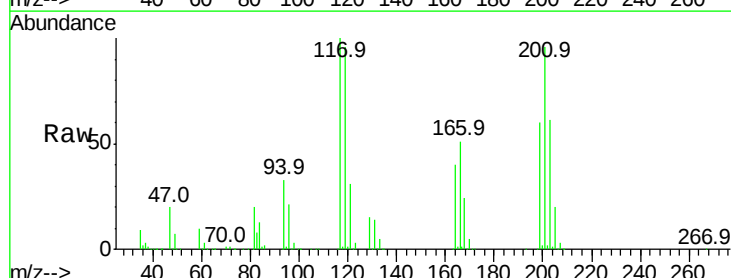
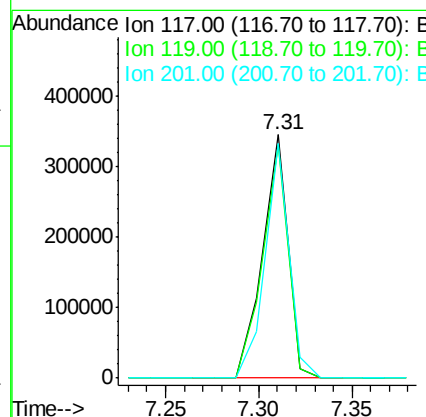
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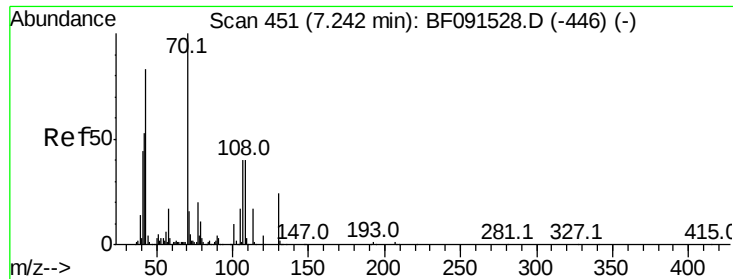
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#18
Hexachloroethane
Concen: 41.88 ng/ml
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.6	118.0
201	96.2	86.7	130.1





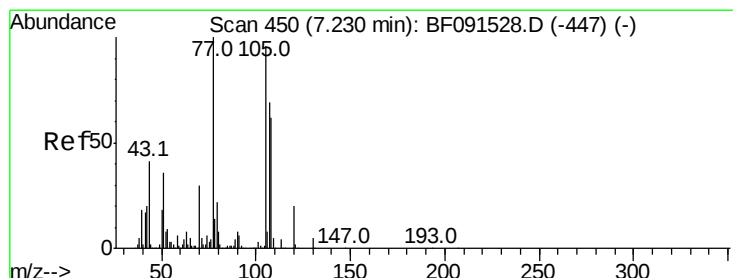
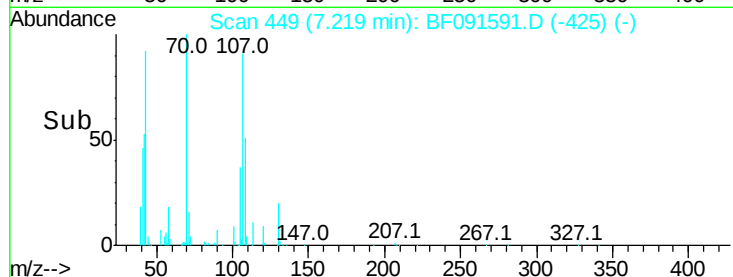
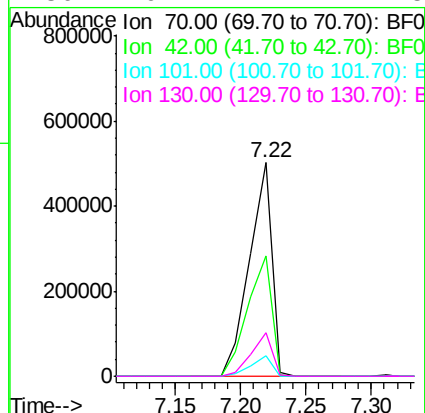
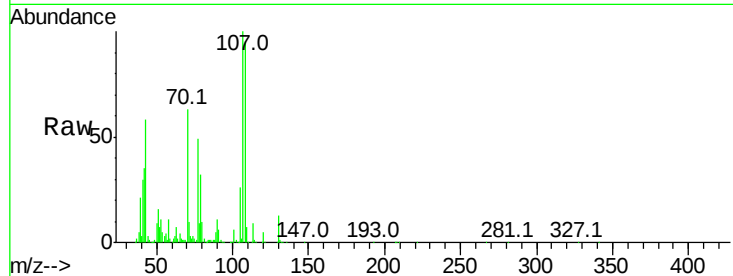
#19
n-Nitroso-di-n-propylamine
Concen: 46.94 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.3	64.8	97.2#
101	9.3	6.2	9.4
130	20.2	11.7	17.5#

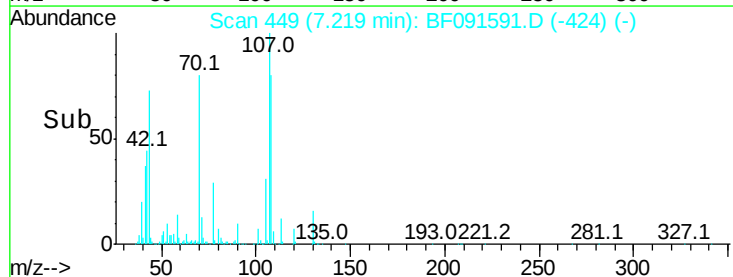
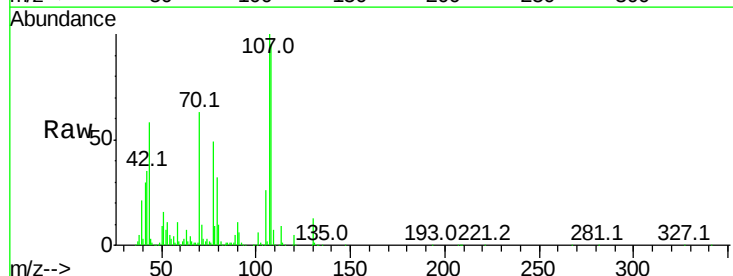
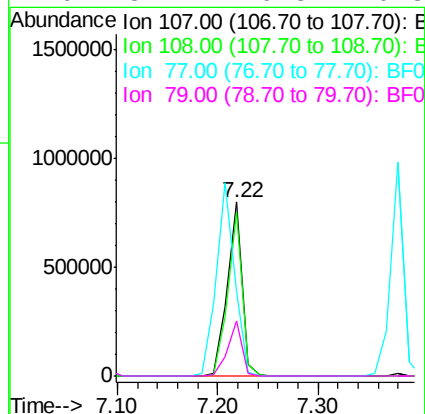
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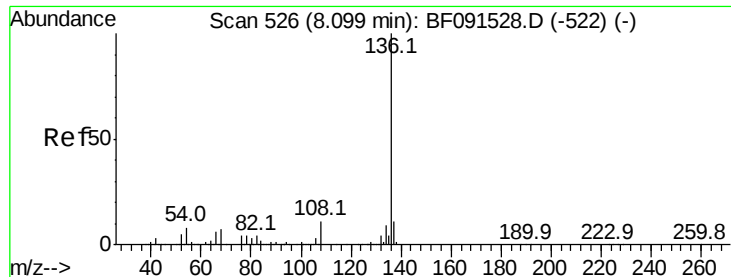
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#20
3+4-Methylphenols
Concen: 49.65 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	64.6	104.6
77	48.8	30.9	70.9
79	31.7	9.3	49.3





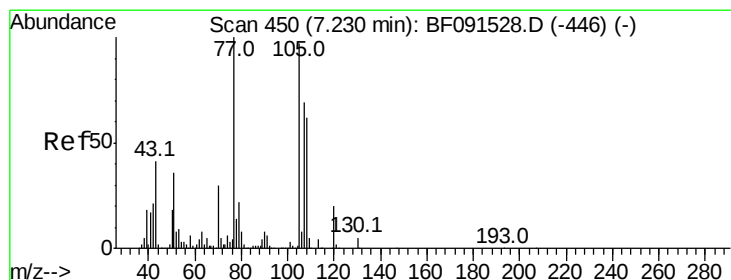
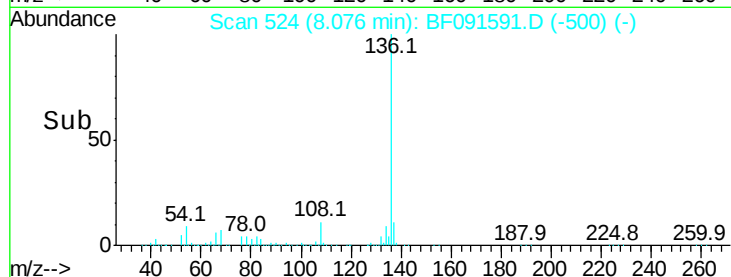
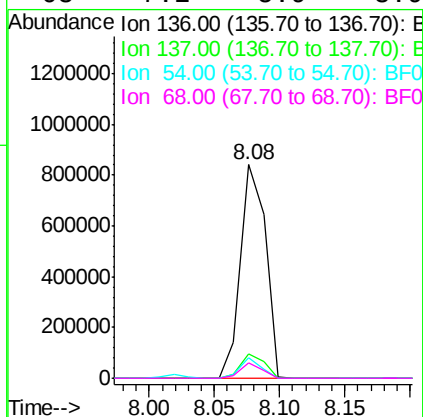
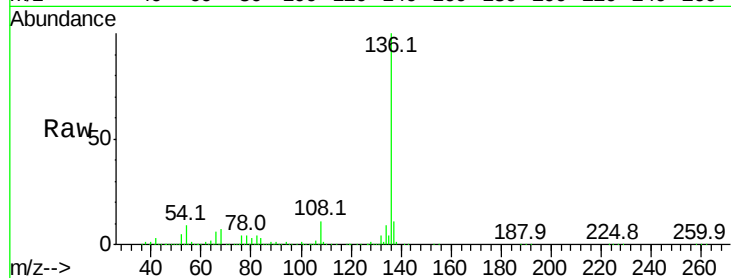
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	9.1	13.7
68	7.2	5.9	8.9

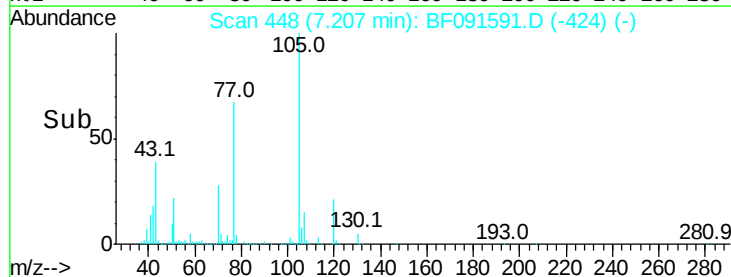
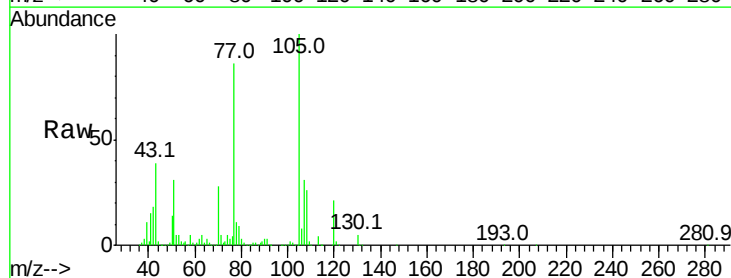
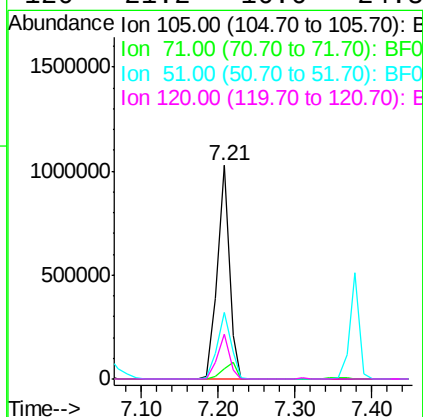
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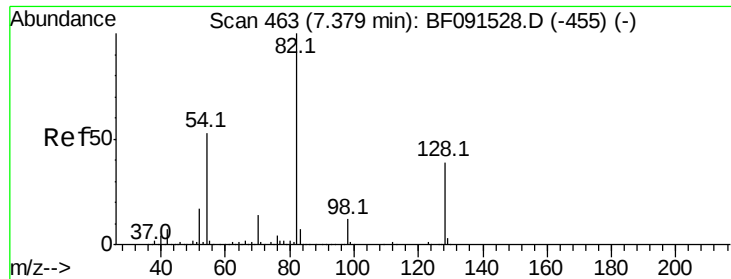
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#22
Acetophenone
Concen: 41.90 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	7.9	11.9#
51	30.9	24.5	36.7
120	21.2	16.6	24.8





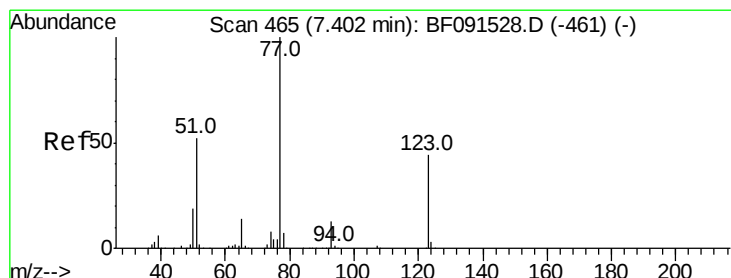
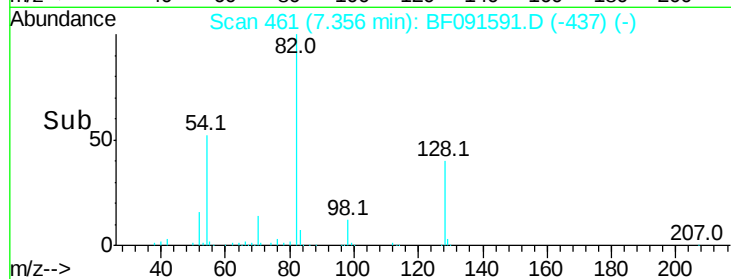
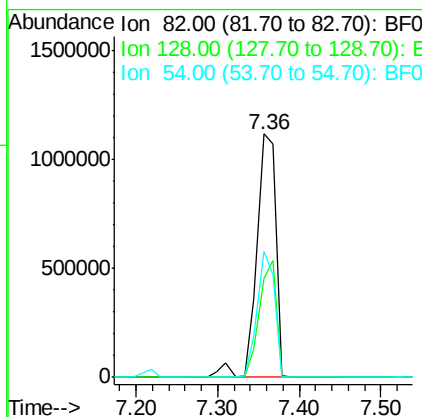
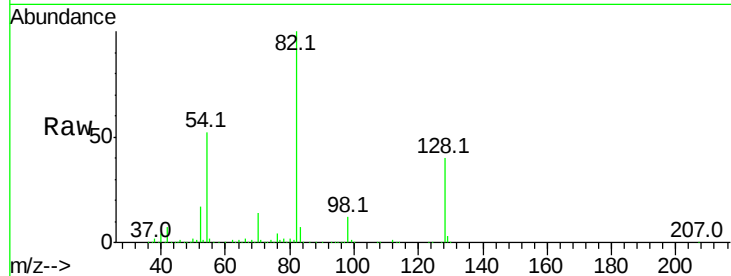
#23
Nitrobenzene-d5
Concen: 90.82 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampled :
PB95351BS

Tot Ion: 82 Resp: 1826462
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 51.9 49.1 73.7

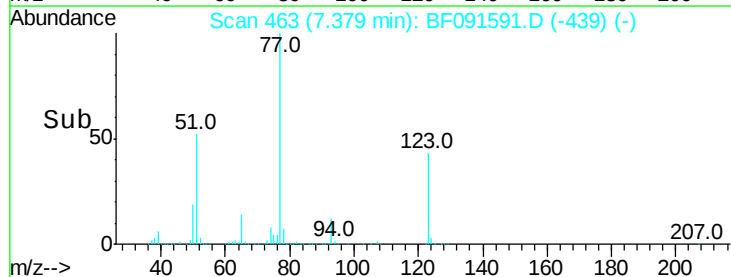
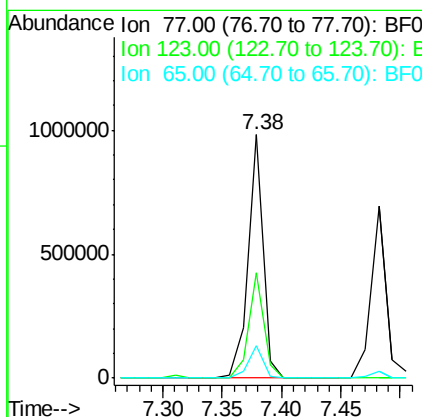
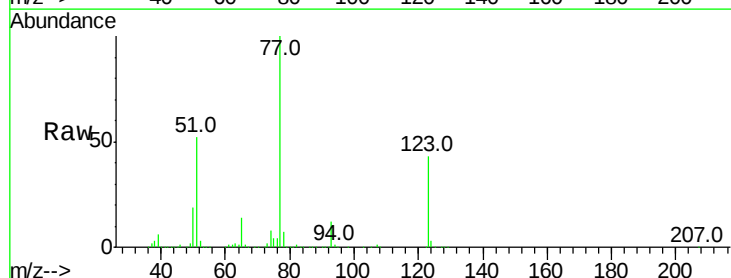
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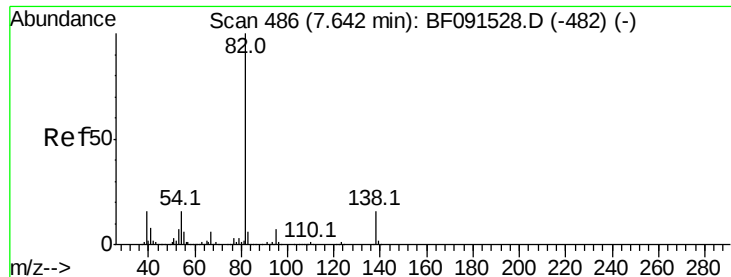
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#24
Nitrobenzene
Concen: 40.95 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion: 77 Resp: 870171
Ion Ratio Lower Upper
77 100
123 43.4 28.5 42.7#
65 13.6 12.5 18.7





#25

Isophorone

Concen: 44.98 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion: 82 Resp: 1607921

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

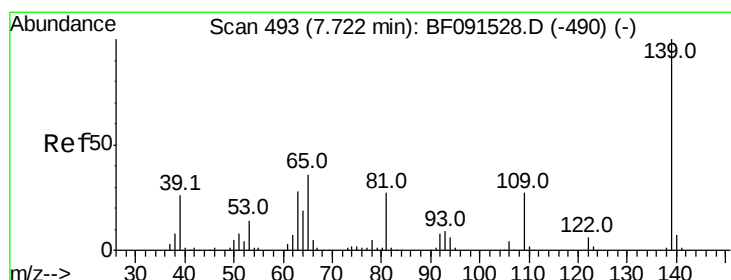
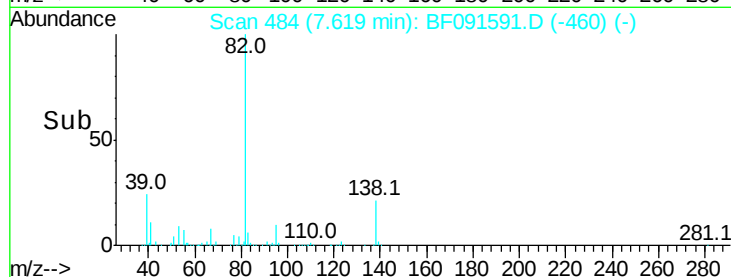
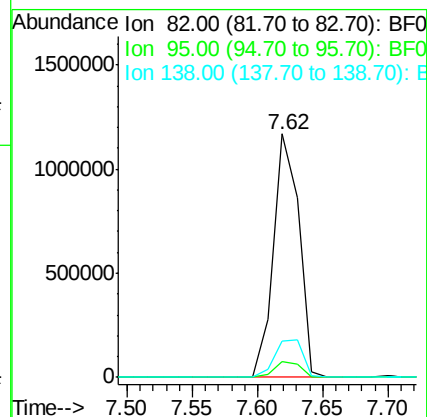
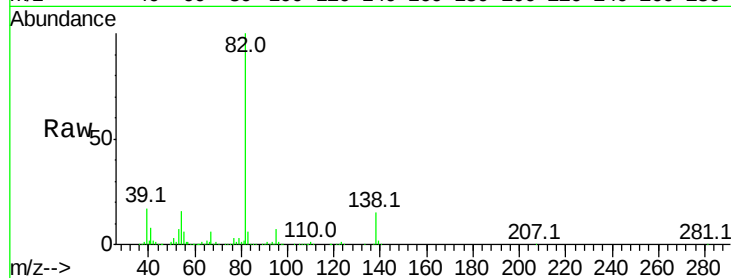
138 14.9 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.82 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

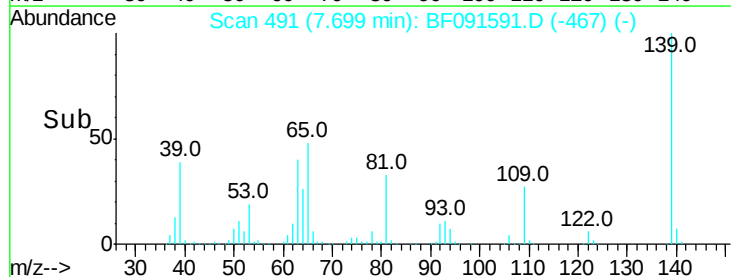
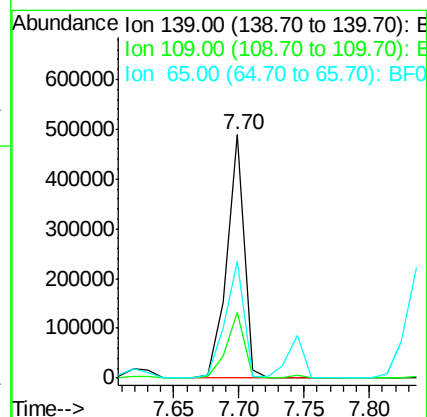
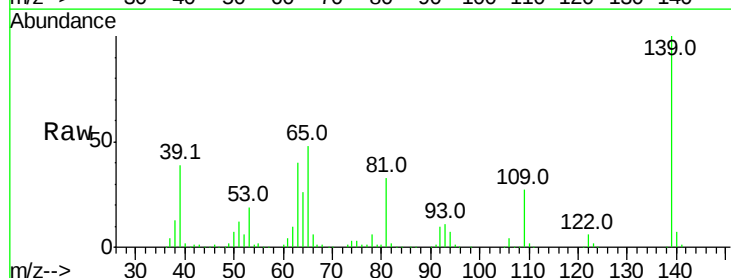
Tgt Ion: 139 Resp: 457813

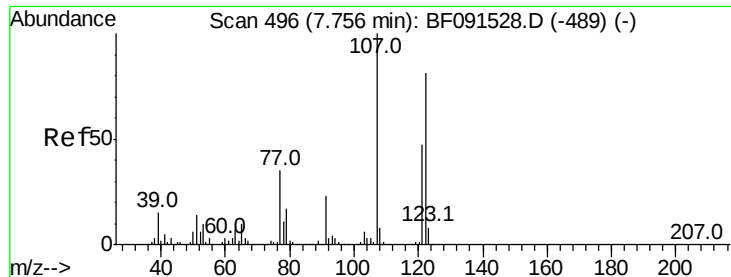
Ion Ratio Lower Upper

139 100

109 27.1 25.3 37.9

65 48.3 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 46.58 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

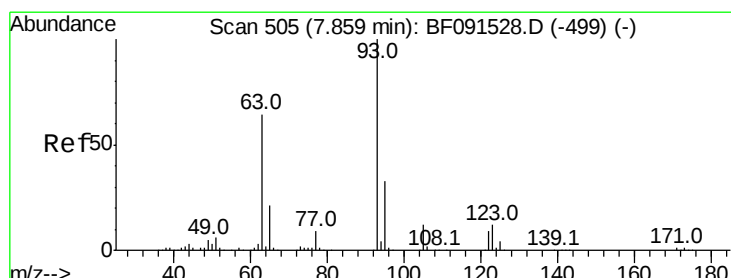
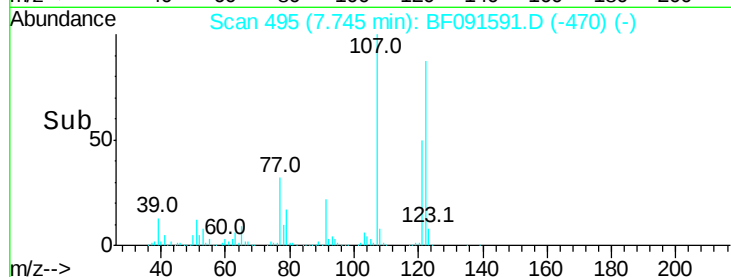
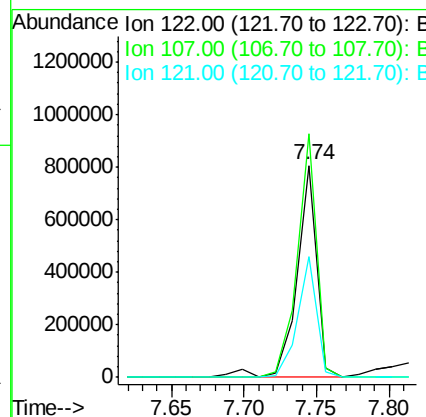
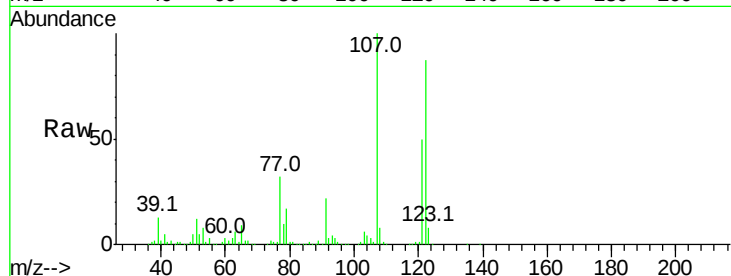
ClientSampleId :

PB95351BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	96.8	145.2
121	56.9	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 47.98 ng

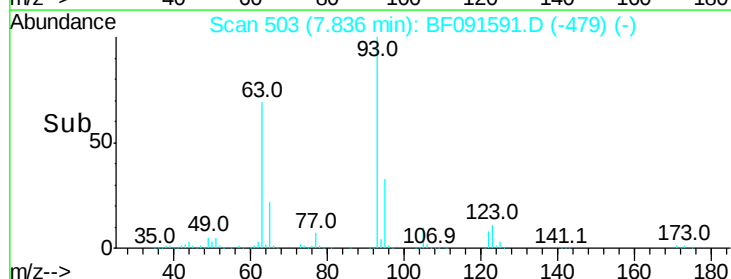
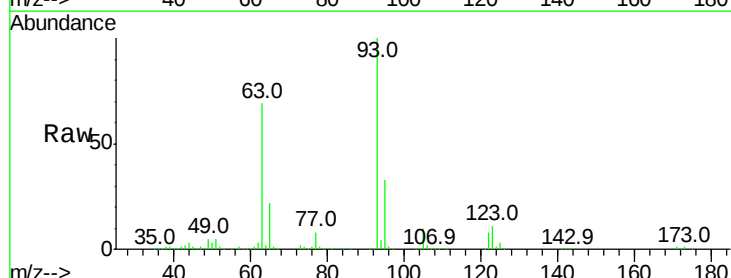
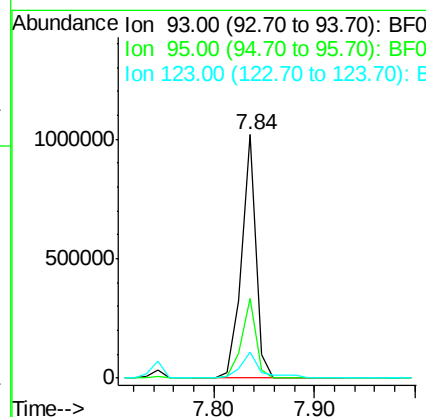
RT: 7.84 min Scan# 503

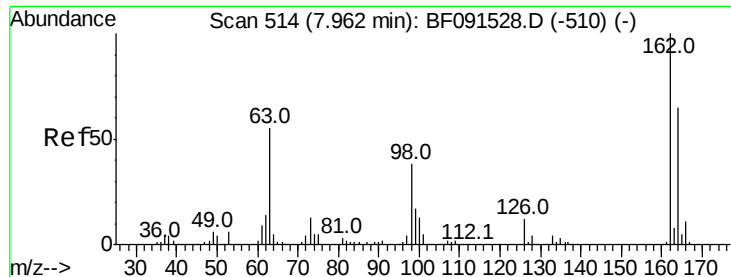
Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	10.8	8.6	12.8





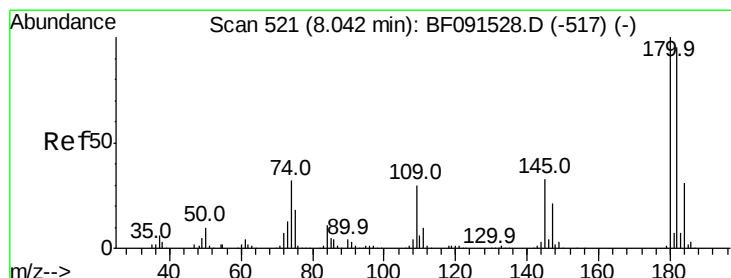
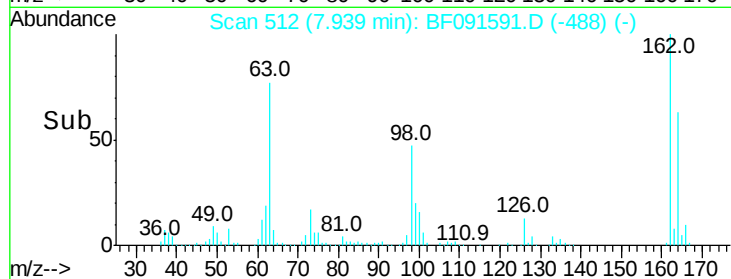
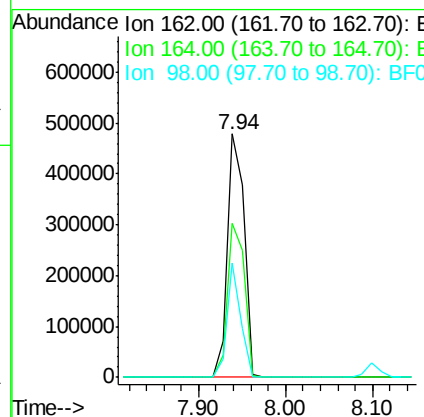
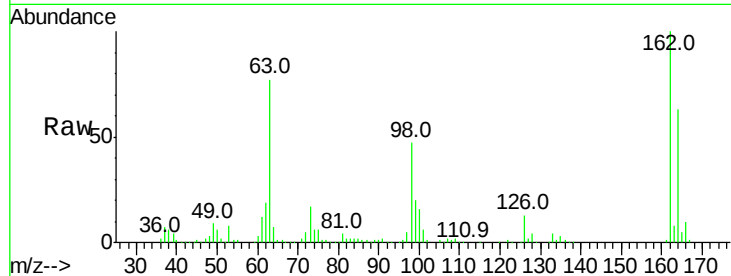
#29
 2,4-Dichlorophenol
 Concen: 44.92 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	45.0	85.0
98	47.0	21.3	61.3

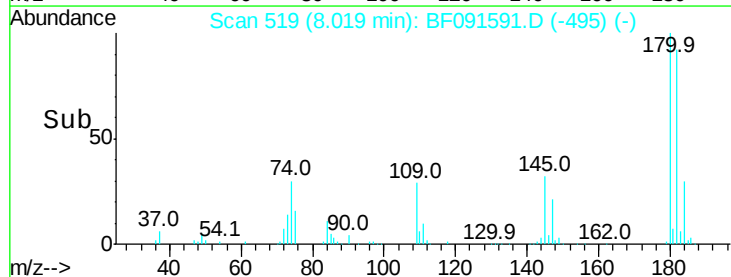
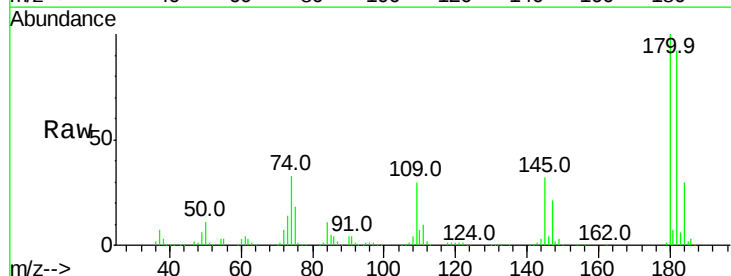
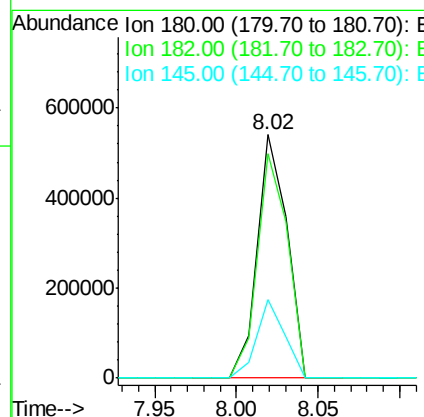
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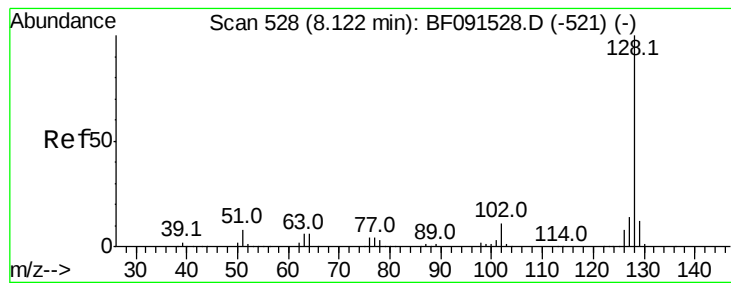
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.95 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.2	75.8	113.8
145	32.4	27.0	40.4





#31

Naphthalene

Concen: 41.47 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:128 Resp: 2165601

Ion Ratio Lower Upper

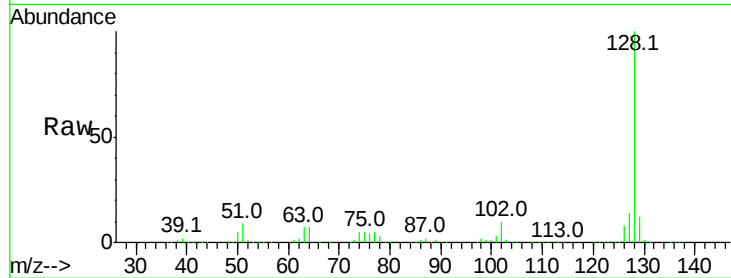
128 100

129 11.7 9.1 13.7

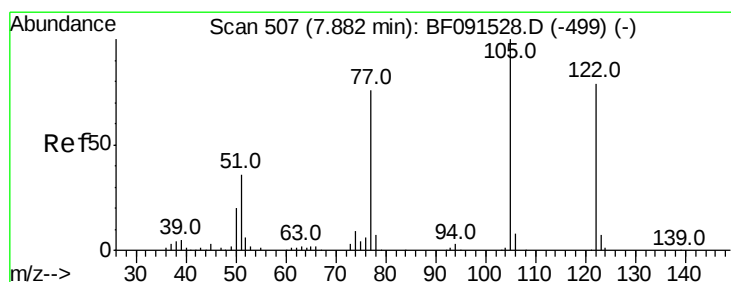
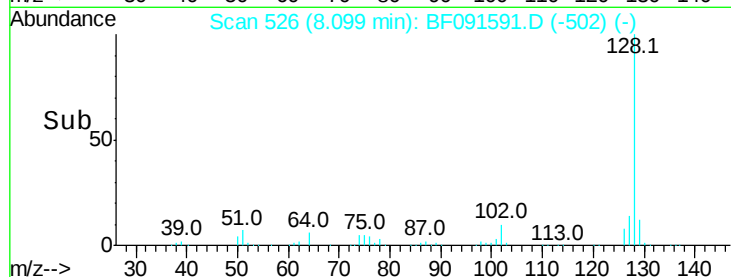
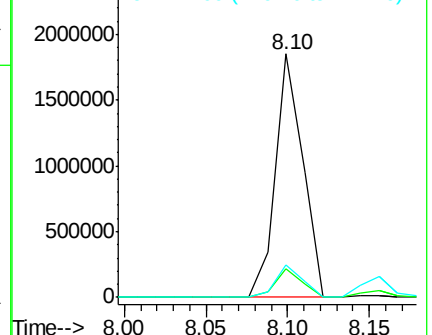
127 13.6 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.08 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

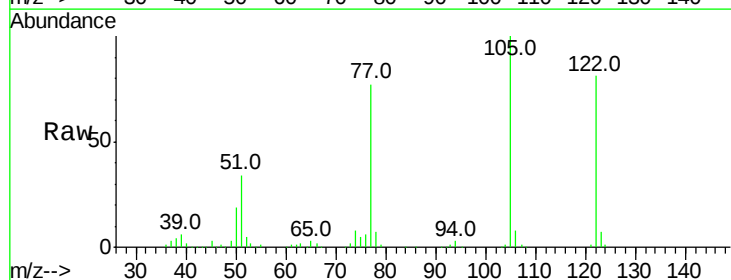
Tgt Ion:122 Resp: 581527

Ion Ratio Lower Upper

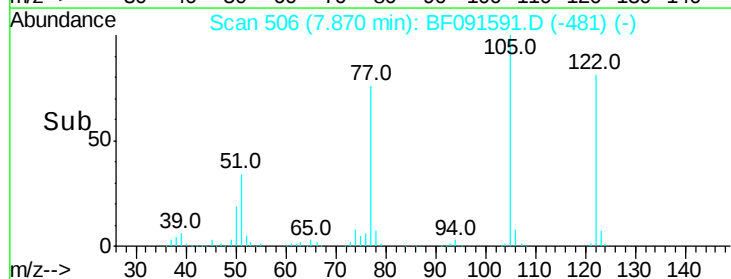
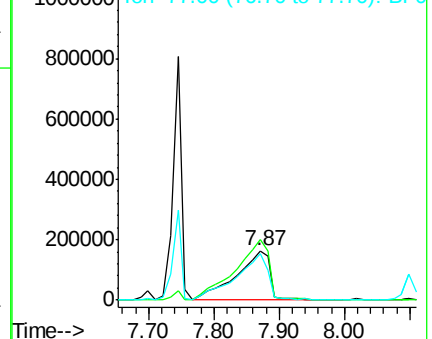
122 100

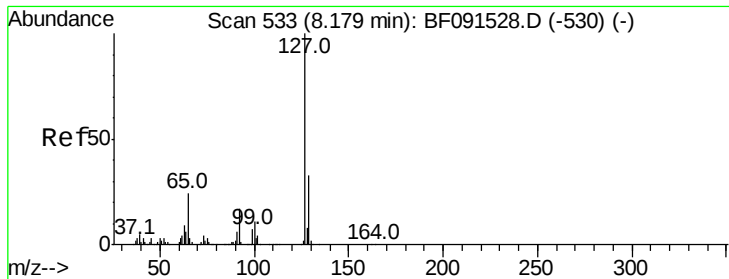
105 123.8 113.0 153.0

77 94.9 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
1000000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





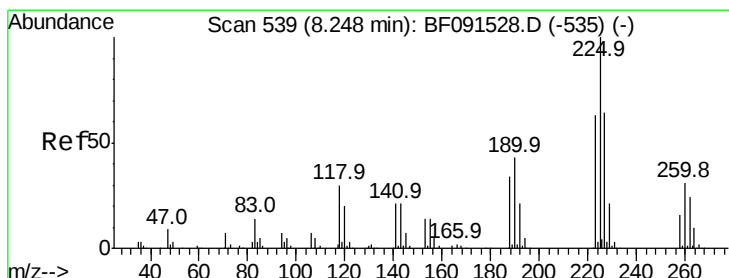
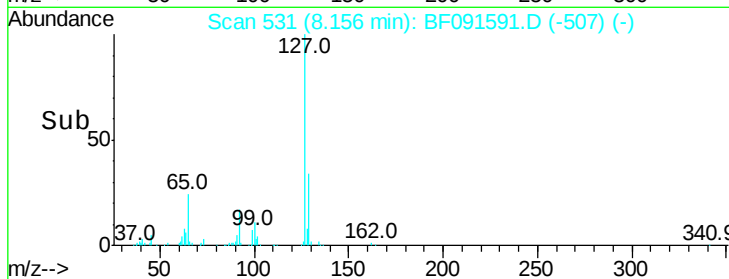
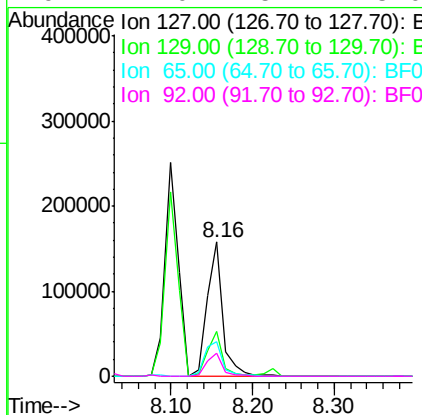
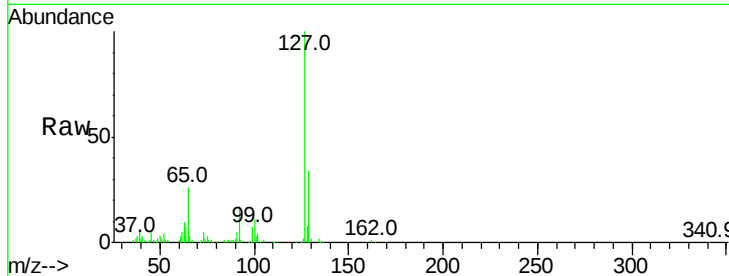
#33
4-Chloroaniline
Concen: 9.51 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.8	26.2	39.4	
65	25.8	26.6	39.8	
92	17.0	15.4	23.0	

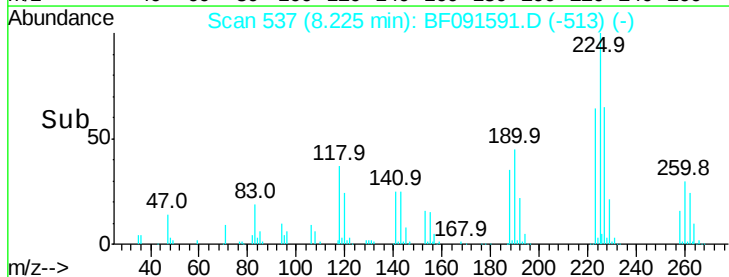
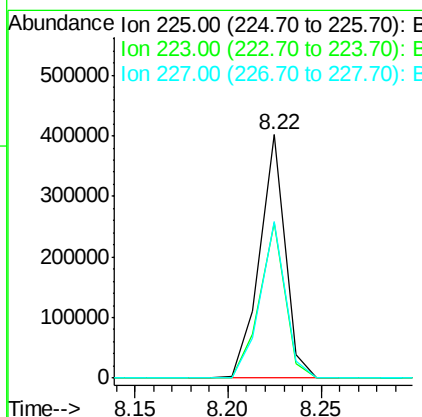
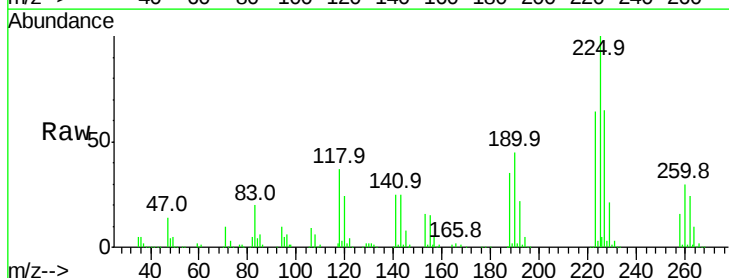
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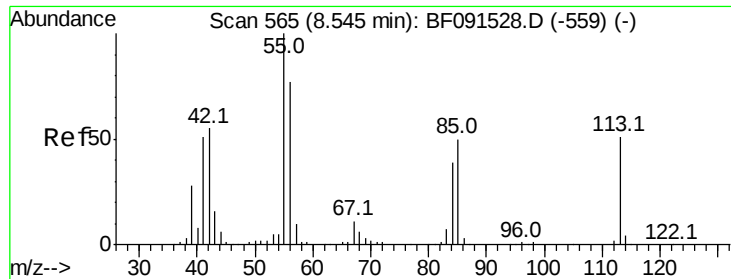
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#34
Hexachlorobutadiene
Concen: 40.74 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	49.8	74.6	
227	64.5	52.6	79.0	





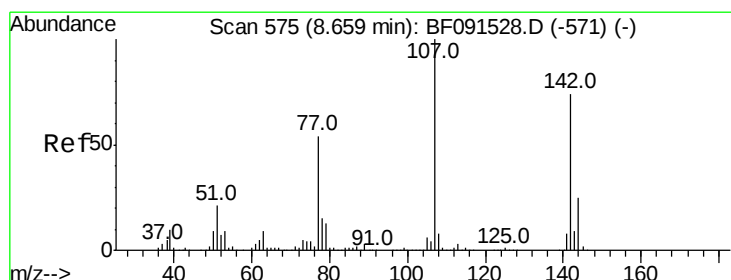
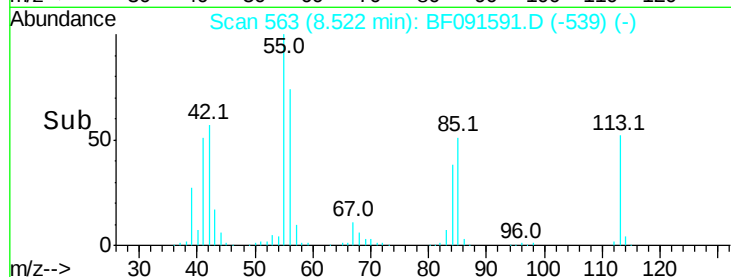
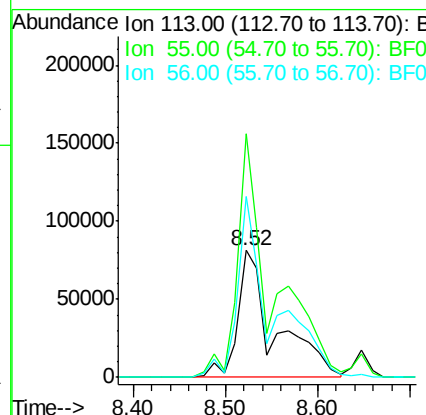
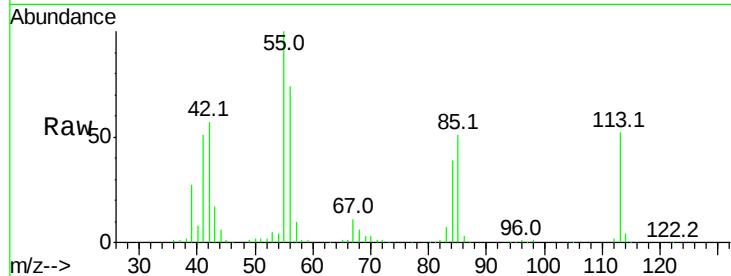
#35
 Caprolactam
 Concen: 54.06 ng/ml
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleID :
 PB95351BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.7	239.8	279.8#
56	142.0	165.6	205.6#

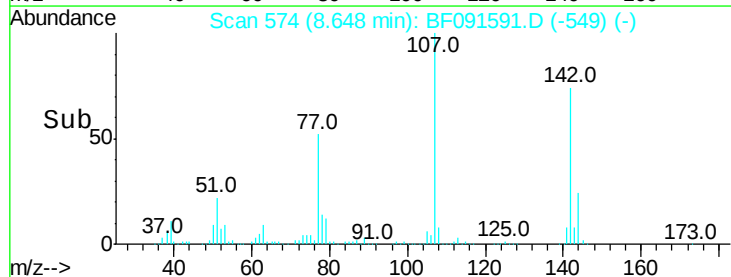
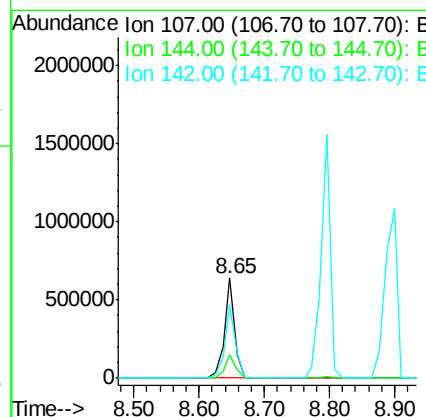
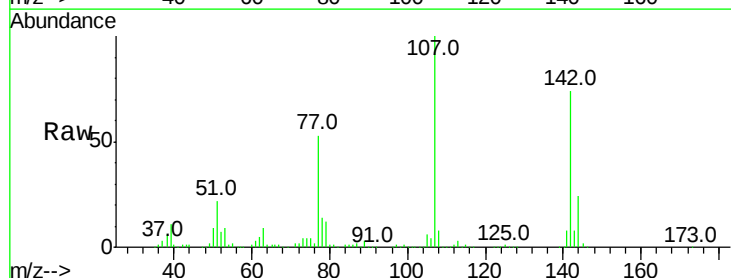
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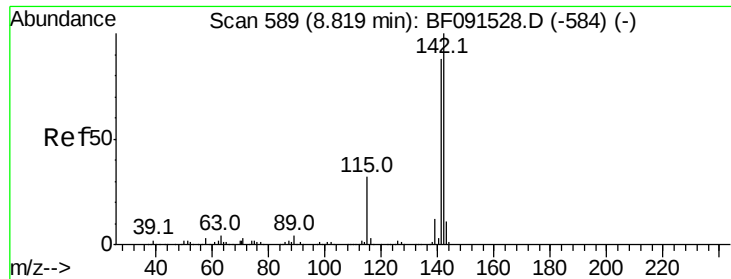
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#36
 4-Chloro-3-methylphenol
 Concen: 43.96 ng/ml
 RT: 8.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.9	28.3
142	73.6	58.5	87.7





#37

2-Methylnaphthalene

Concen: 44.91 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

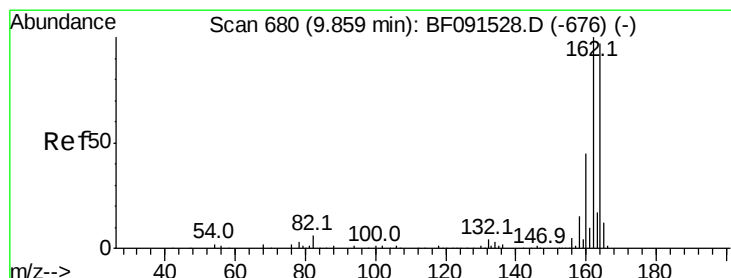
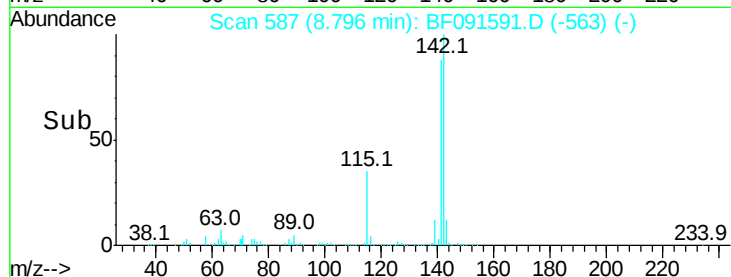
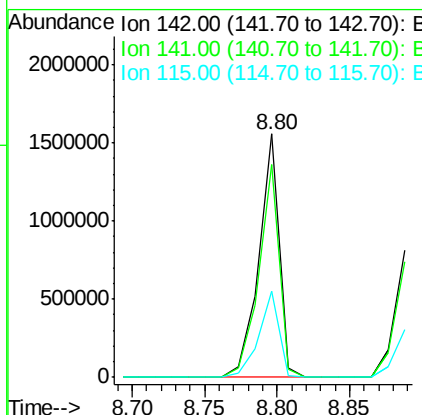
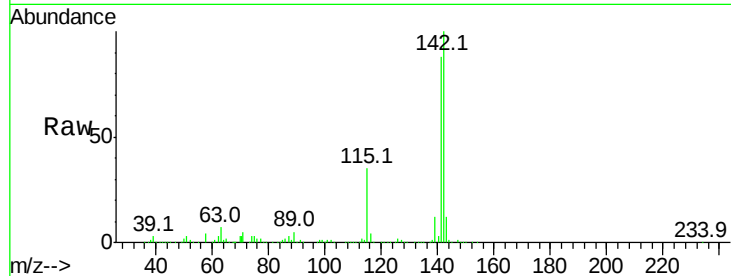
Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion:142 Resp: 1518027

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.7	107.5
115	35.2	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

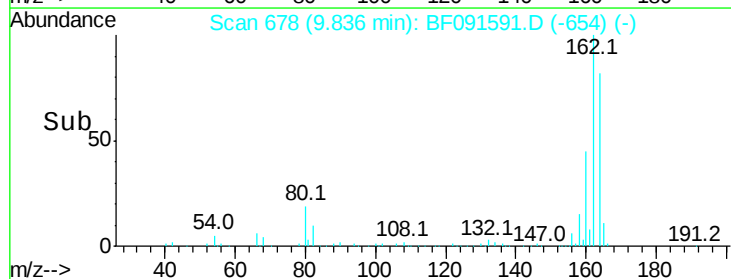
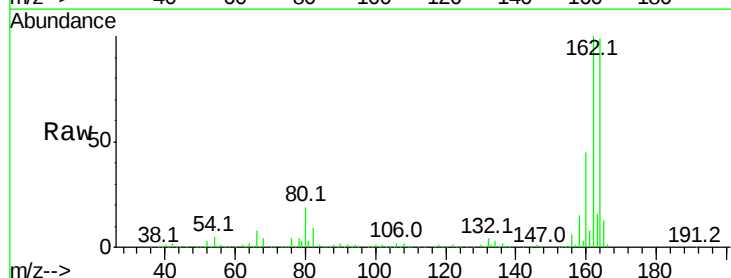
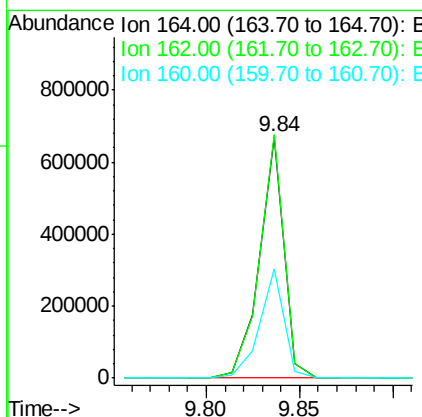
Delta R.T. -0.02 min

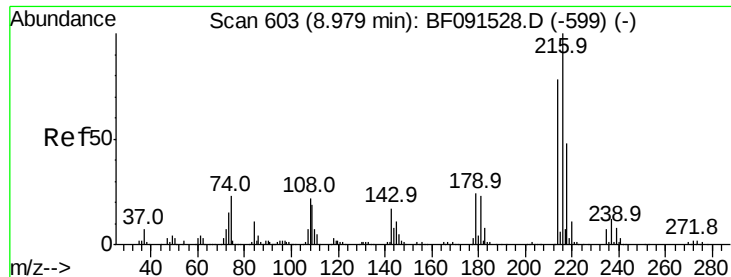
Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:164 Resp: 617810

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	45.1	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.29 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

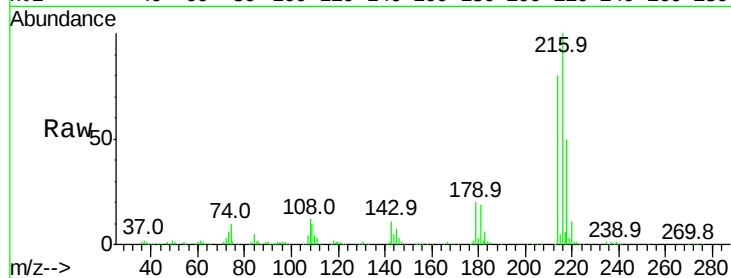
ClientSampleId :

PB95351BS

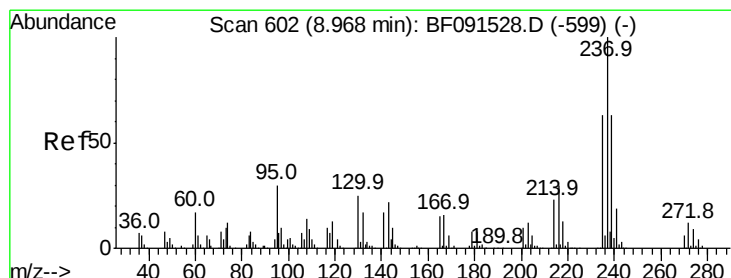
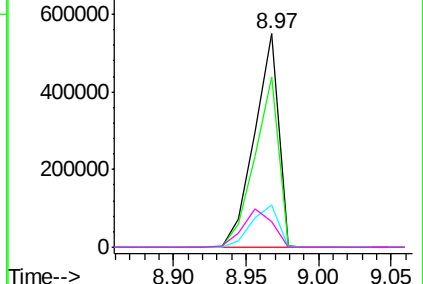
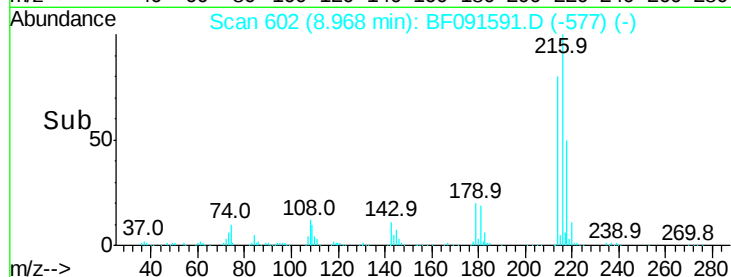
Tot Ion:	216	Resp:	631908
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.8	95.8
179	22.0	18.2	27.2
108	22.1	17.2	25.8

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



#40

Hexachlorocyclopentadiene

Concen: 90.45 ng

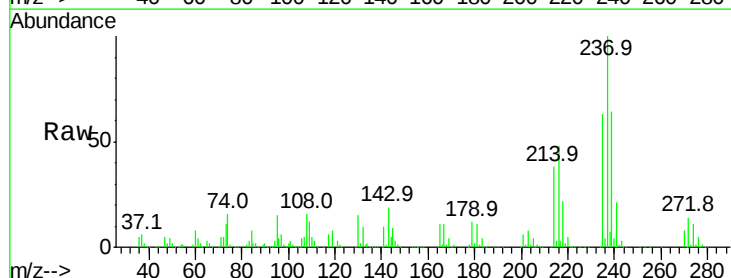
RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

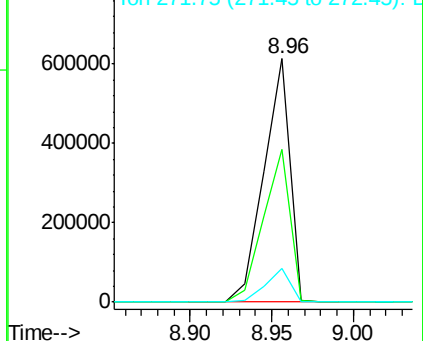
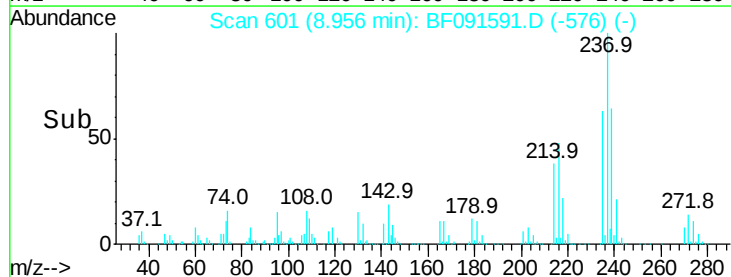
Lab File: BF091591.D

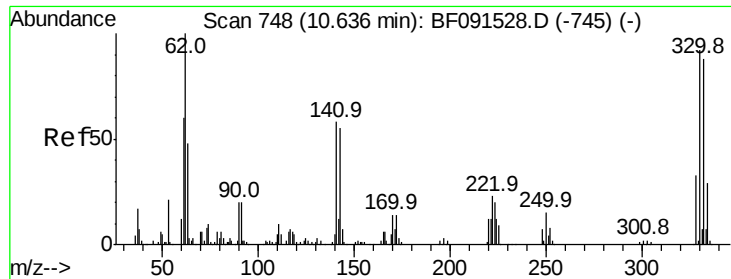
Acq: 14 Dec 2016 18:28

Tgt Ion:	237	Resp:	683350
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.9	83.9
272	14.0	0.0	33.1



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





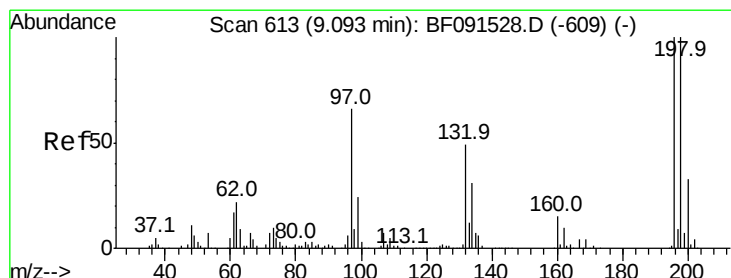
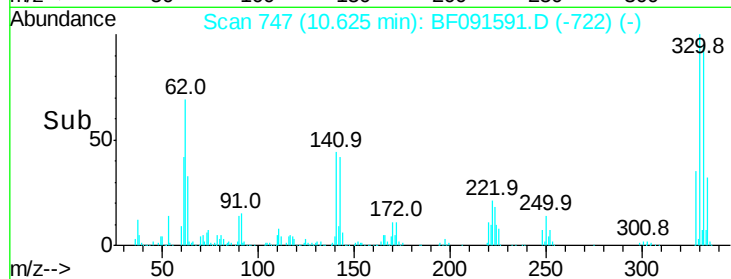
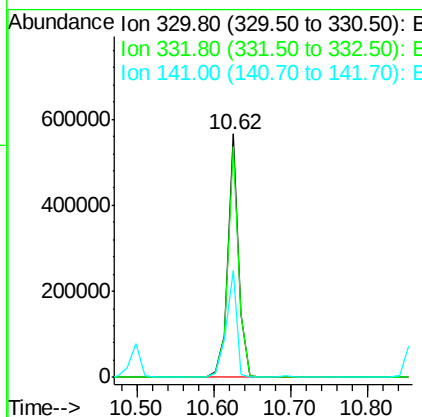
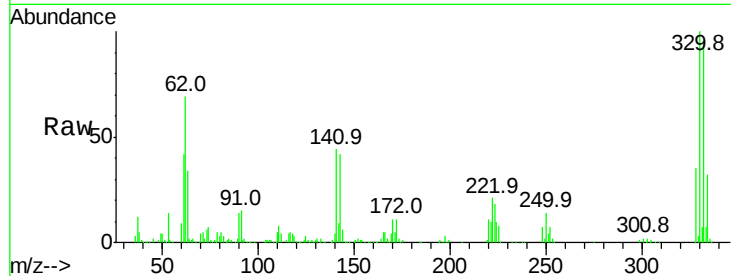
#41
 2,4,6-Tribromophenol
 Concen: 111.31 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	571171		
332	95.4	76.2	114.4	
141	42.4	33.6	50.4	

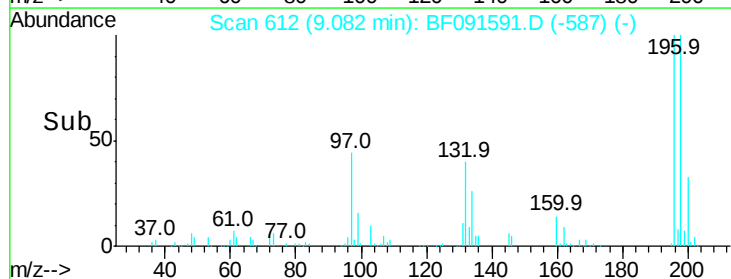
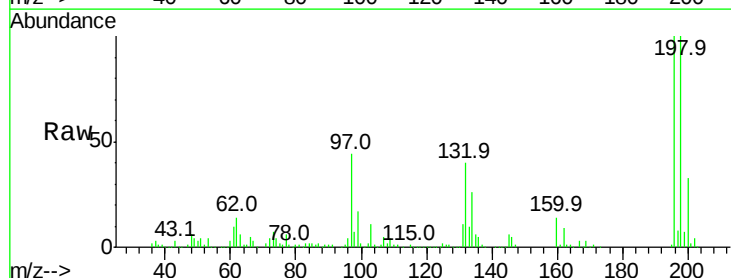
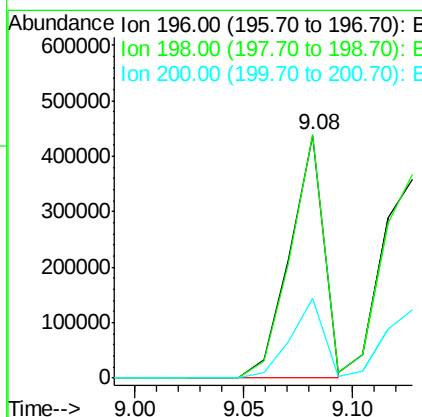
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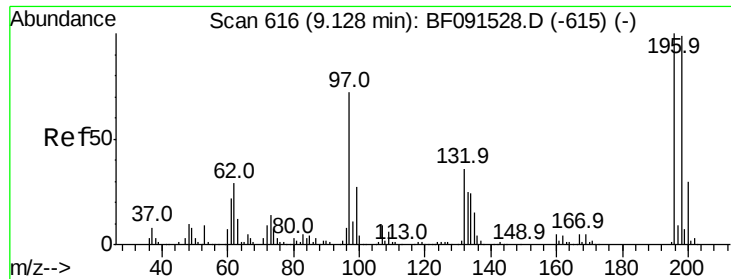
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#42
 2,4,6-Trichlorophenol
 Concen: 43.60 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	474735		
198	100.2	77.4	116.0	
200	33.0	25.2	37.8	





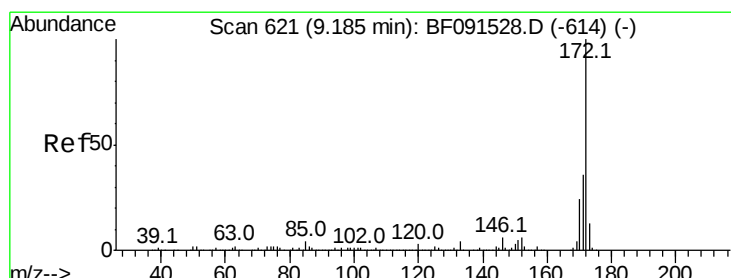
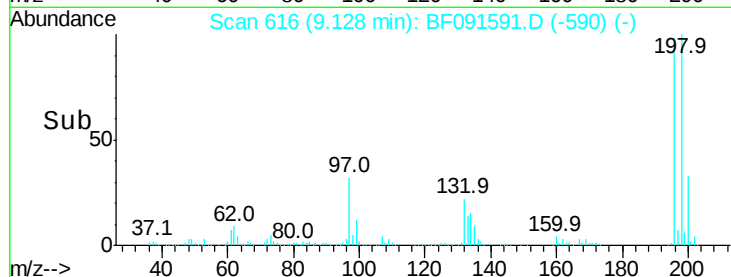
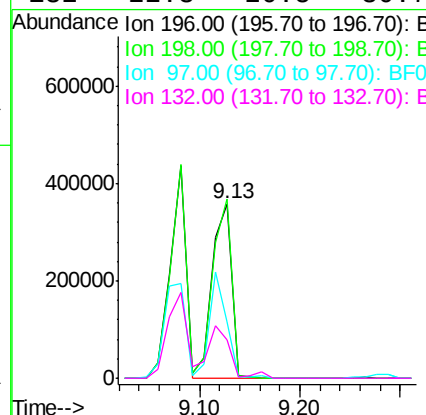
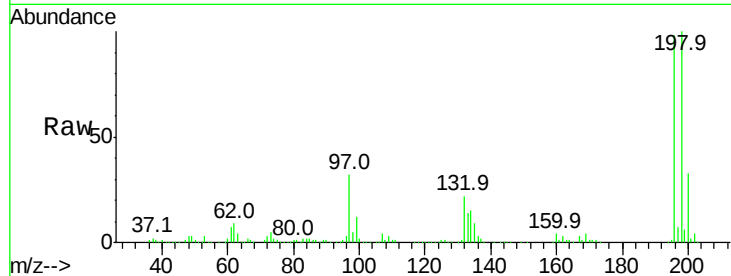
#43
2,4,5-Trichlorophenol
Concen: 42.94 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	480436		
198	102.6	77.0	115.6	
97	32.6	33.5	50.3	
132	22.3	20.5	30.7	

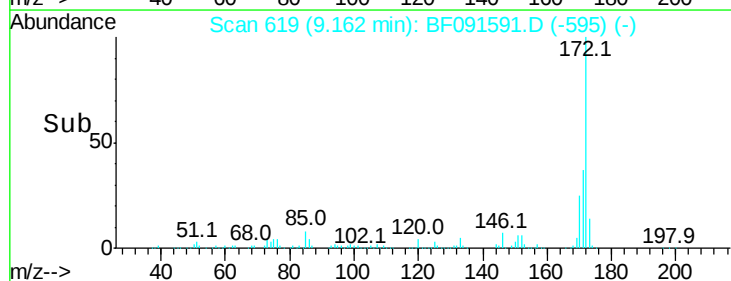
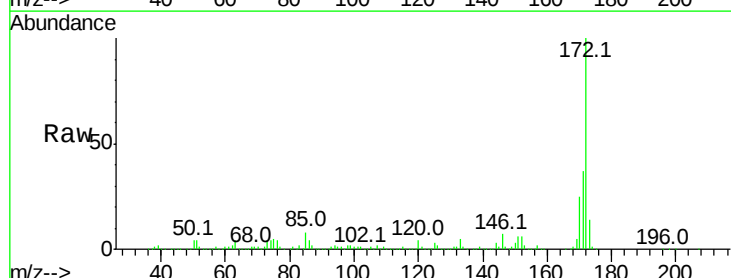
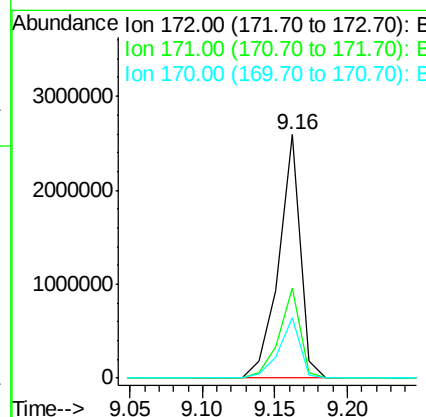
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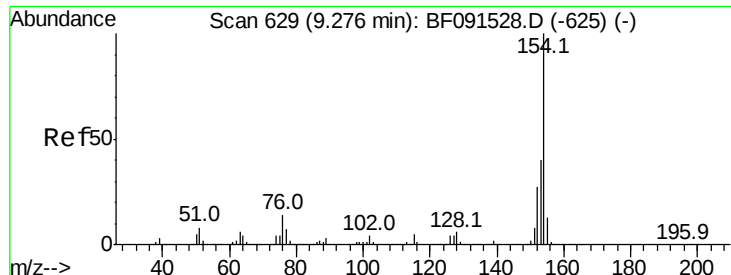
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#44
2-Fluorobiphenyl
Concen: 74.55 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2665647		
171	36.9	29.4	44.0	
170	25.0	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 42.10 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:154 Resp: 1884084

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

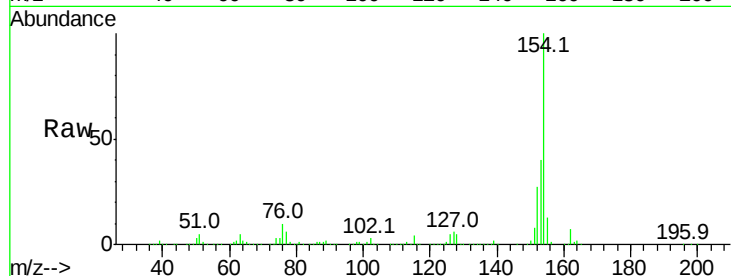
76 10.1 0.0 36.6

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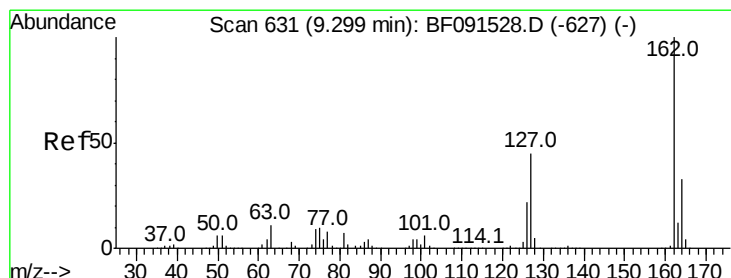
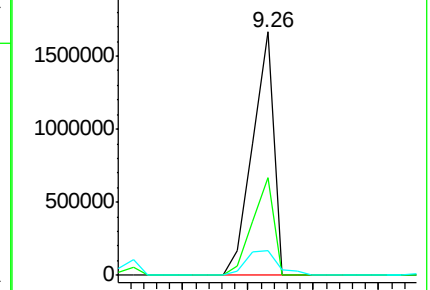
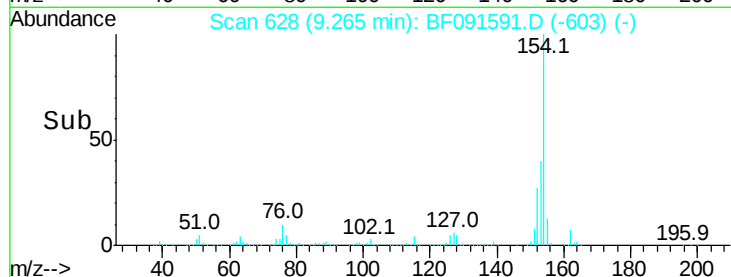
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.83 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

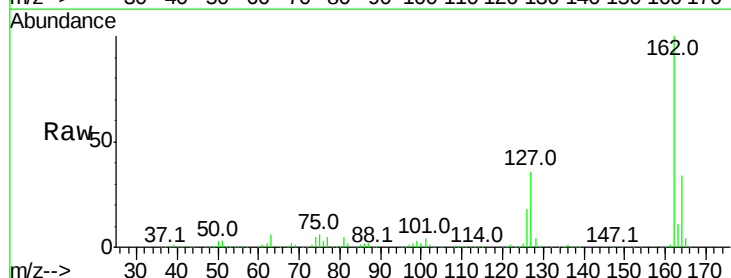
Tgt Ion:162 Resp: 1449550

Ion Ratio Lower Upper

162 100

127 36.4 34.3 51.5

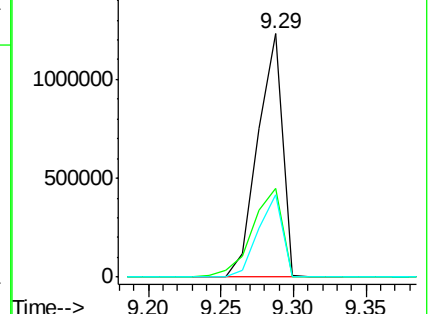
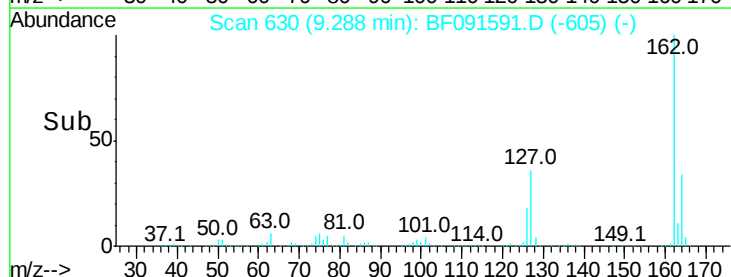
164 34.0 26.6 40.0

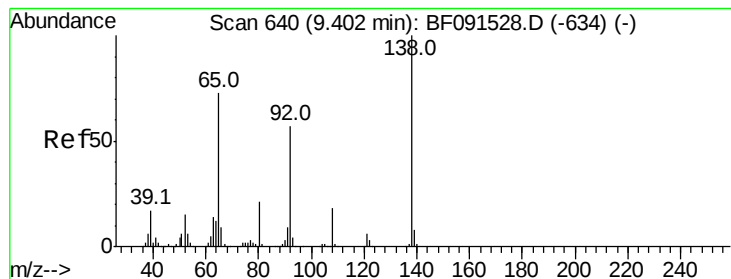


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.92 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

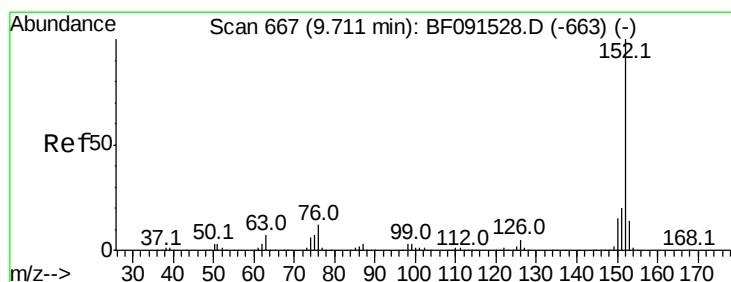
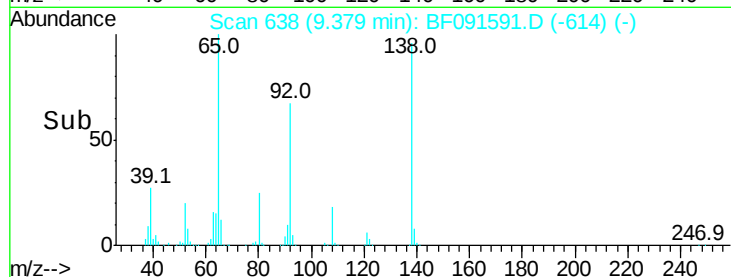
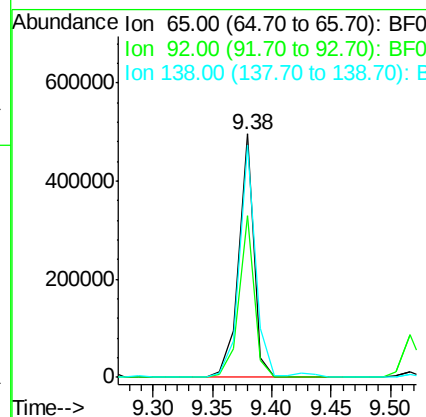
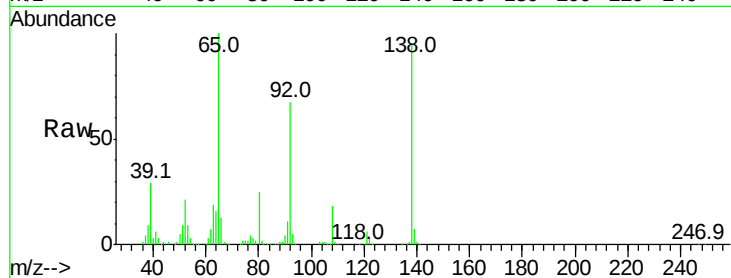
ClientSampleId :

PB95351BS

Tot Ion:	65	Resp:	441823
Ion Ratio	Lower	Upper	
65	100		
92	66.5	53.6	80.4
138	95.4	91.0	136.6

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#48

Acenaphthylene

Concen: 41.63 ng

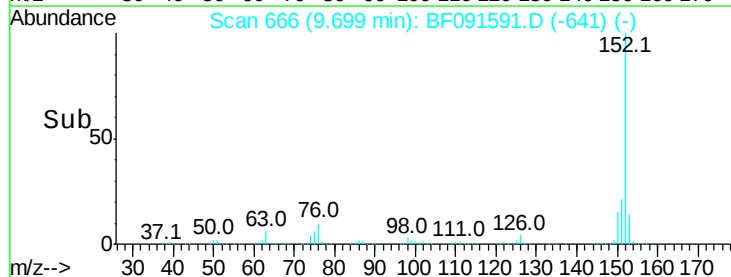
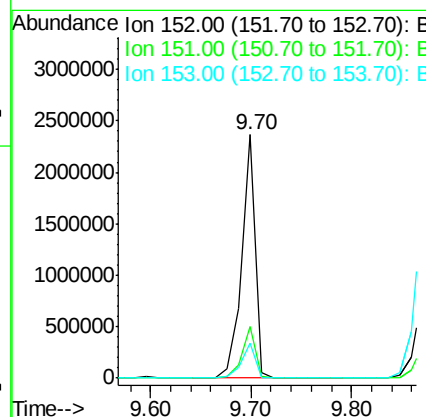
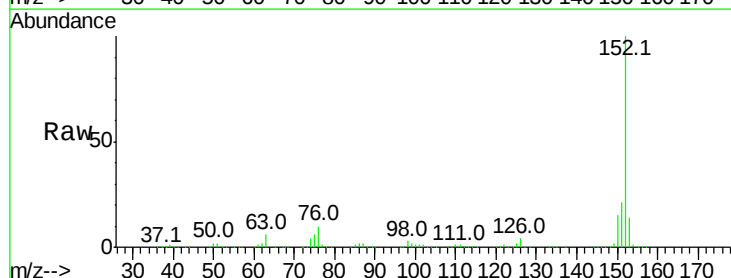
RT: 9.70 min Scan# 666

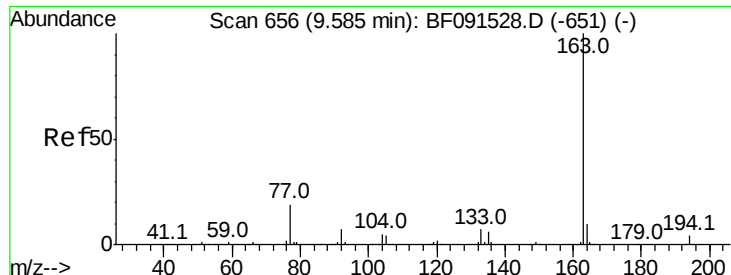
Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:	152	Resp:	2199101
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.6	24.8
153	14.5	10.7	16.1





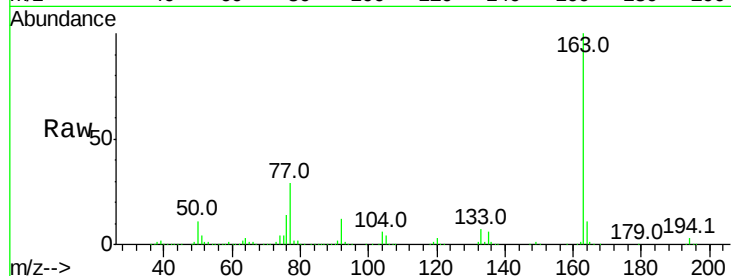
#49
Dimethylphthalate
Concen: 39.42 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

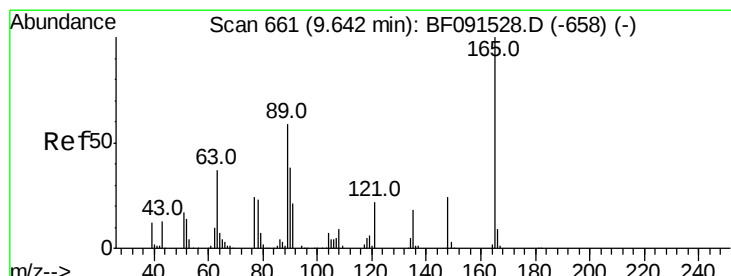
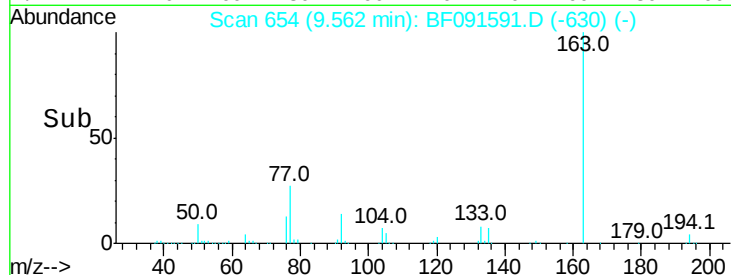
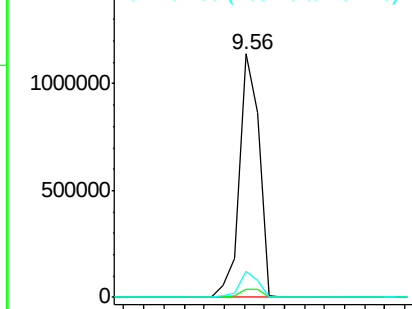
Tot Ion:163 Resp: 1541914
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.8 7.8 11.8

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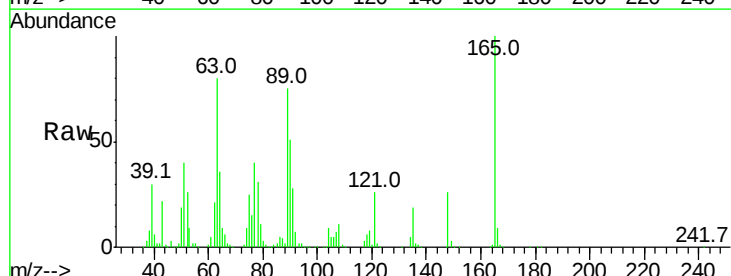


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

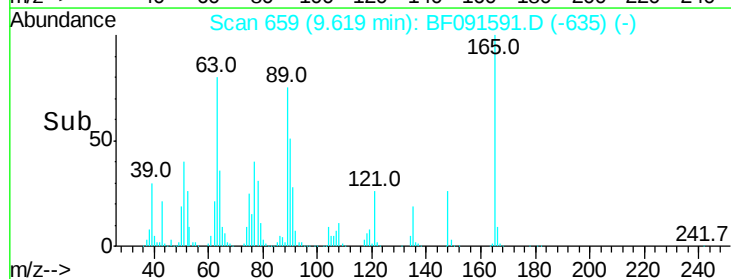
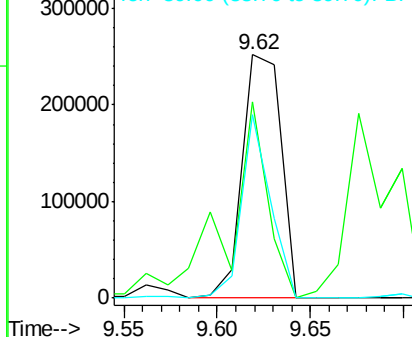


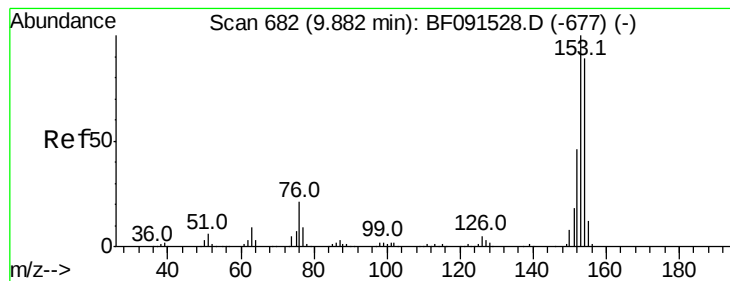
#50
2,6-Dinitrotoluene
Concen: 42.23 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion:165 Resp: 362599
Ion Ratio Lower Upper
165 100
63 80.4 59.4 89.0
89 75.2 50.8 76.2



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





#51

Acenaphthene

Concen: 43.50 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:154 Resp: 1596047

Ion Ratio Lower Upper

154 100

153 111.6 91.0 136.6

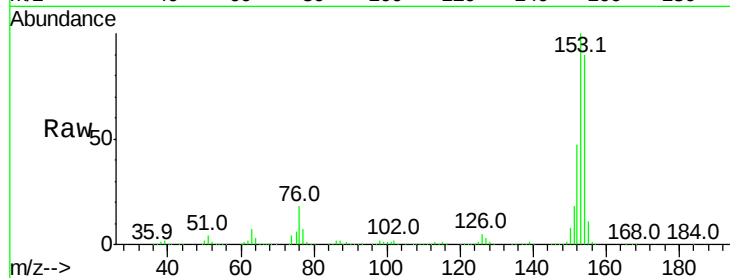
152 52.1 44.2 66.2

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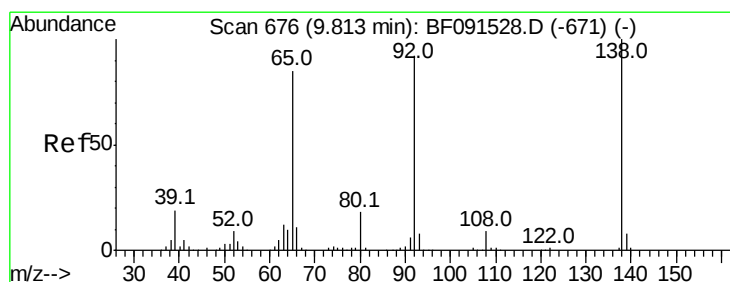
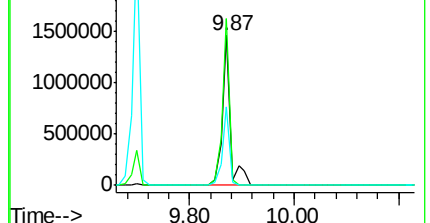
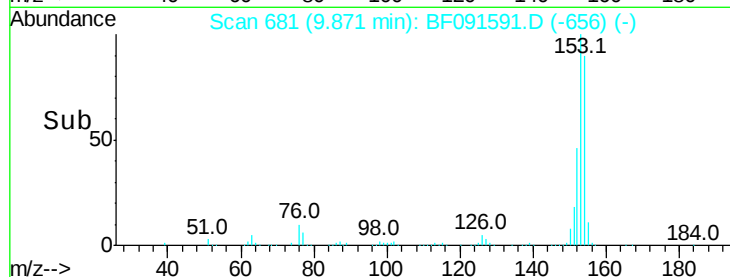
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.28 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

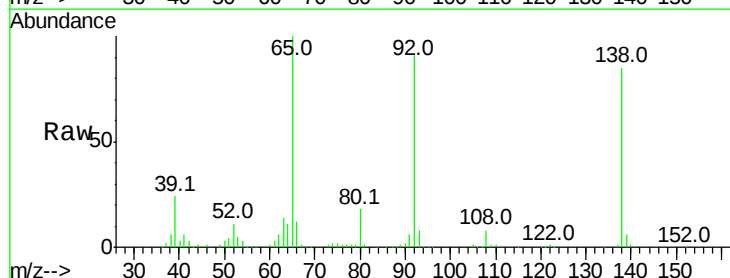
Tgt Ion:138 Resp: 204579

Ion Ratio Lower Upper

138 100

108 9.5 8.1 12.1

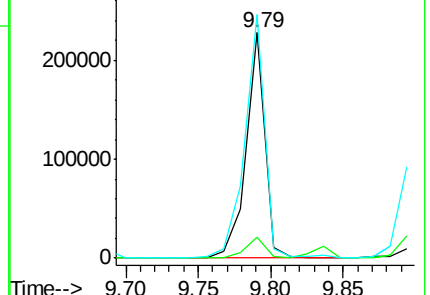
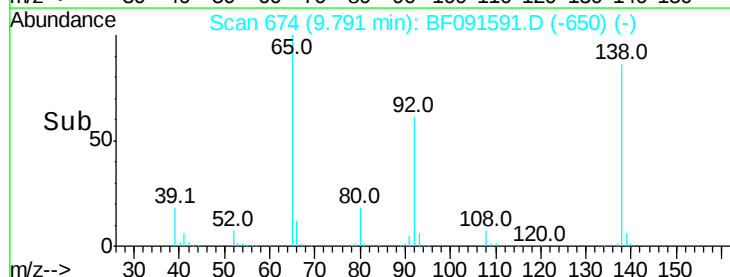
92 108.0 92.5 138.7

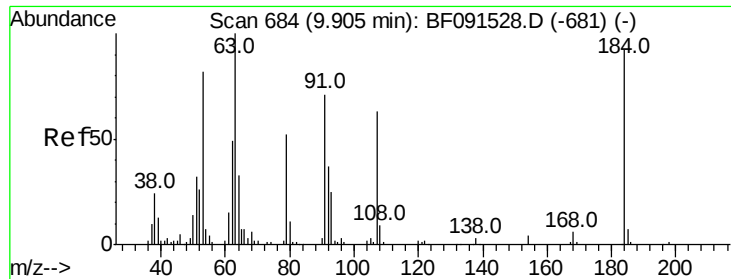


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





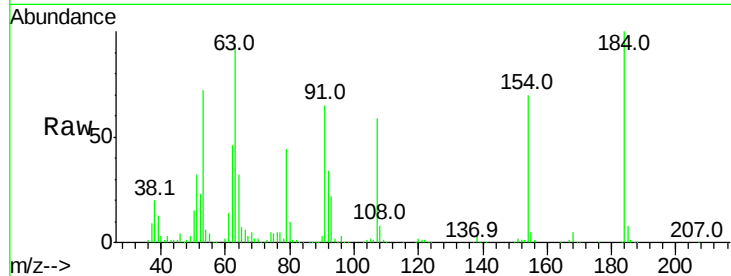
#53
2,4-Dinitrophenol
Concen: 80.35 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

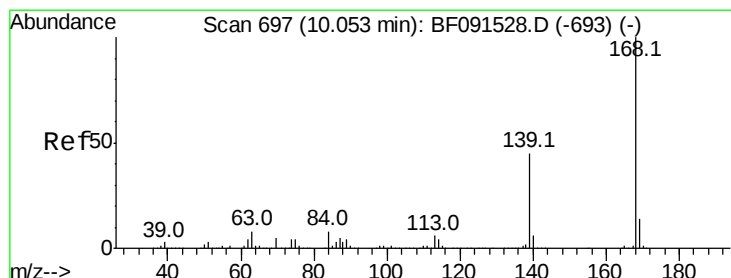
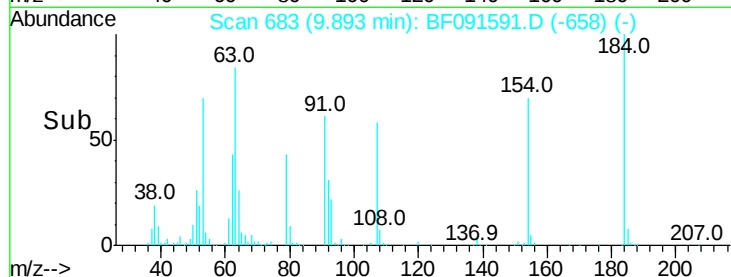
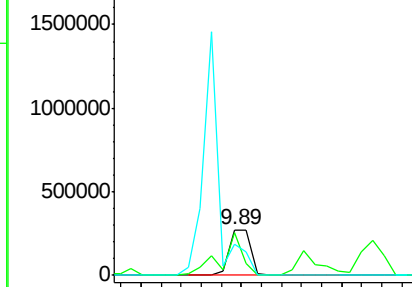
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	94.2	58.3	87.5#	
154	69.8	48.6	73.0	

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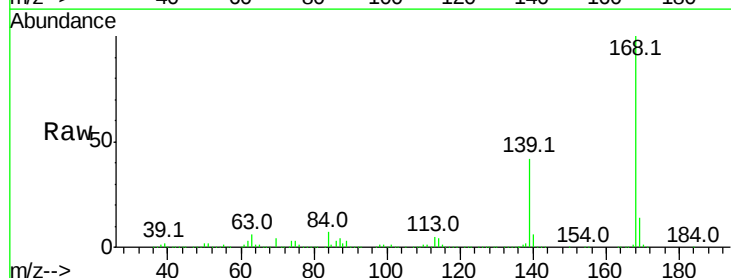


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

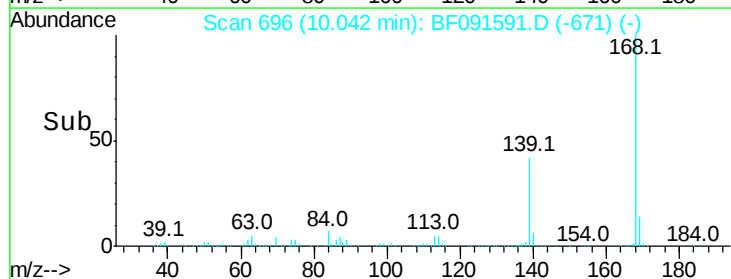
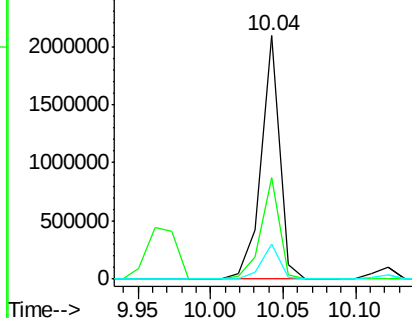


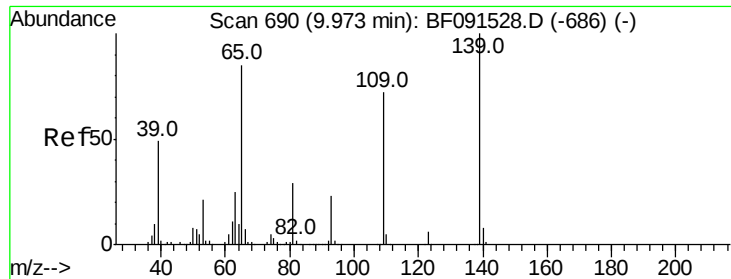
#54
Dibenzofuran
Concen: 40.79 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.5	33.4	50.2	
169	14.1	11.1	16.7	



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





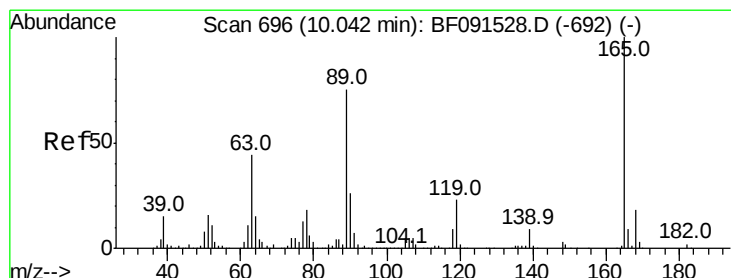
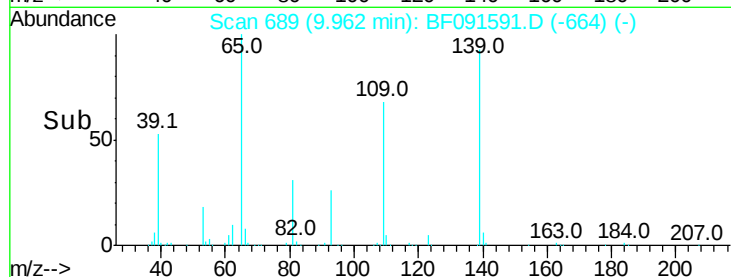
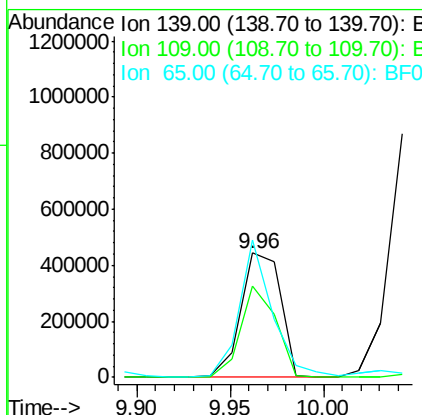
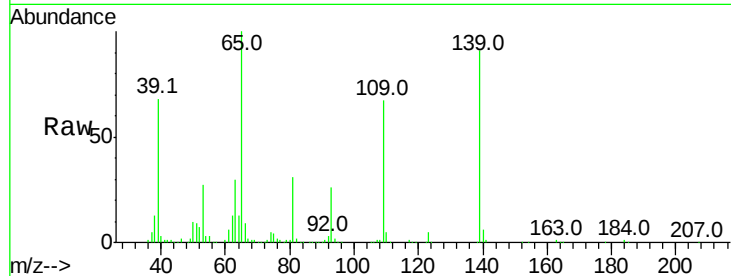
#55
4-Nitrophenol
Concen: 87.61 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.3	54.9	94.9	
65	110.2	102.2	142.2	

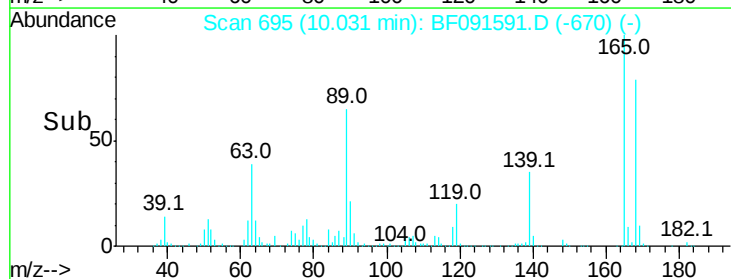
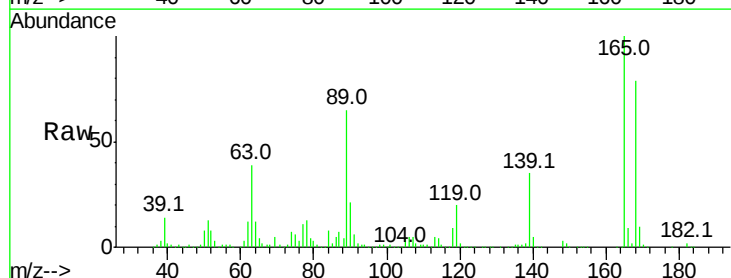
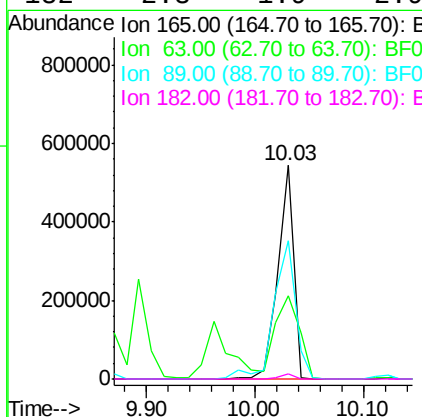
Manual Integrations
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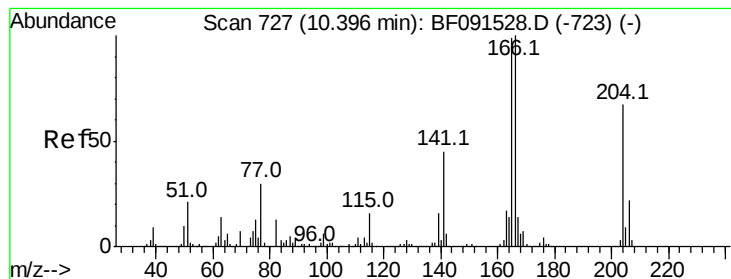
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#56
2,4-Dinitrotoluene
Concen: 50.77 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.9	29.0	43.4	
89	64.6	43.1	64.7	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 46.75 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:166 Resp: 1510177

Ion Ratio Lower Upper

166 100

165 98.1 80.0 120.0

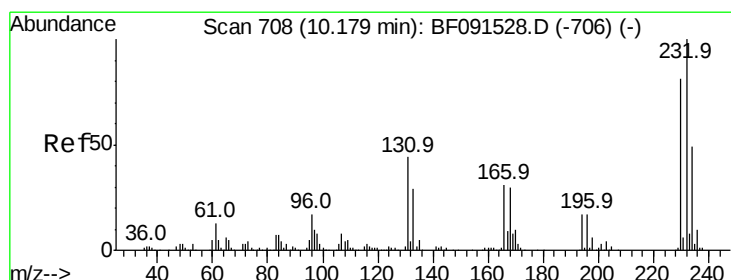
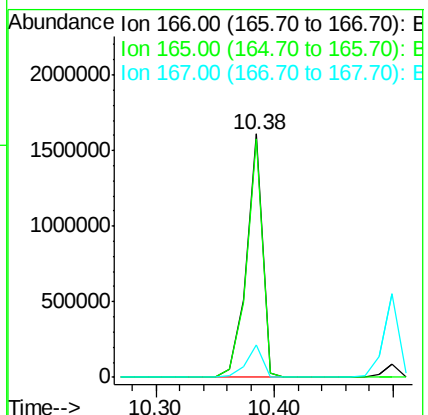
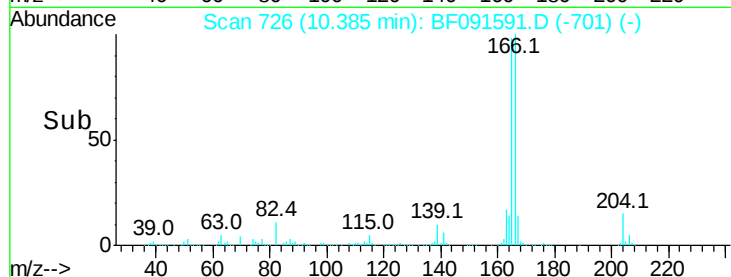
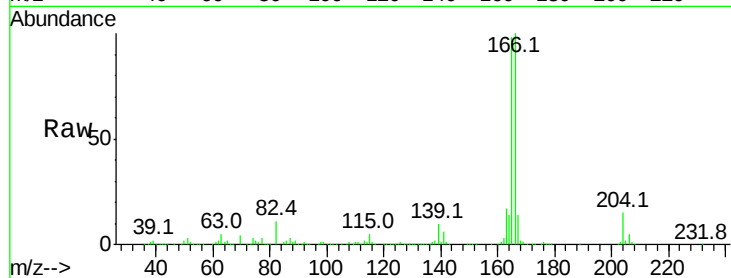
167 13.6 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.84 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:232 Resp: 384034

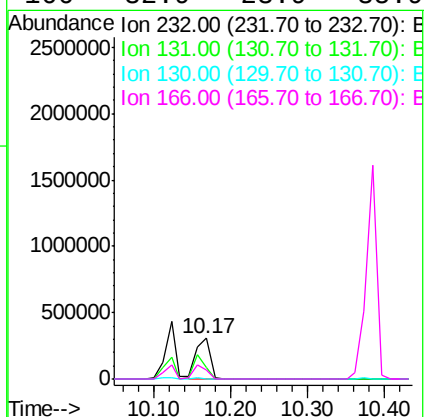
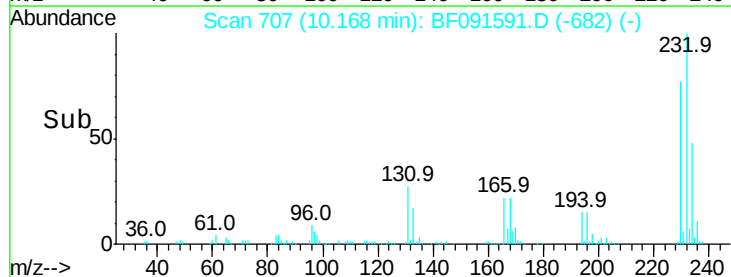
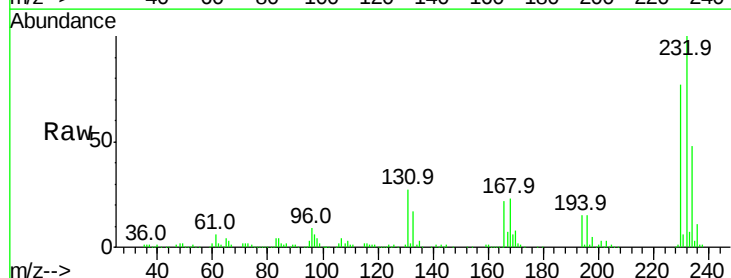
Ion Ratio Lower Upper

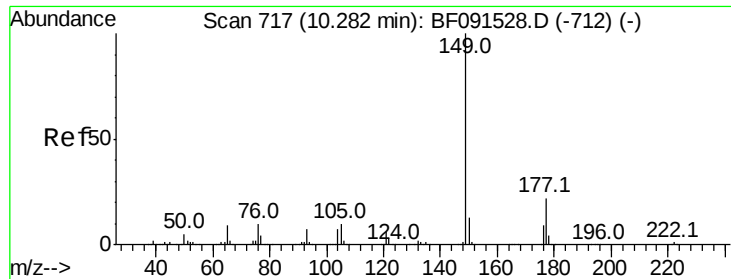
232 100

131 49.8 38.4 57.6

130 2.2 1.8 2.8

166 32.9 23.9 35.9





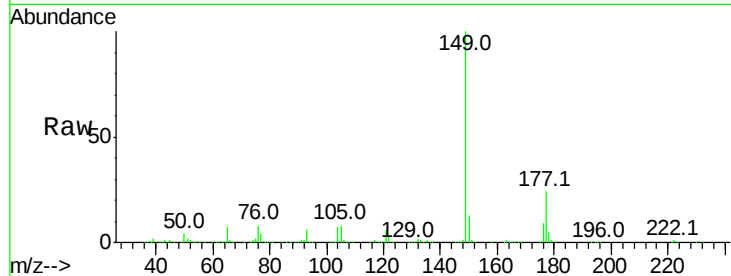
#59
Diethylphthalate
Concen: 44.25 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

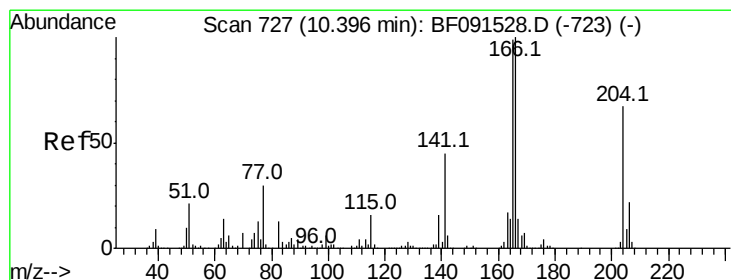
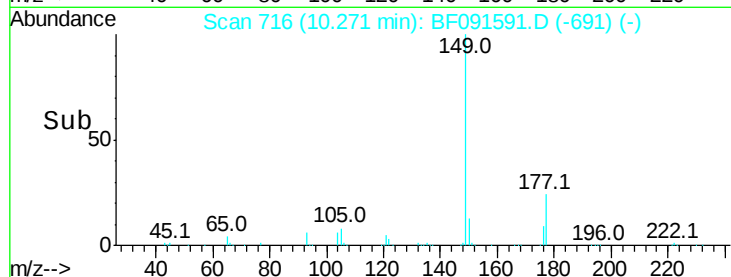
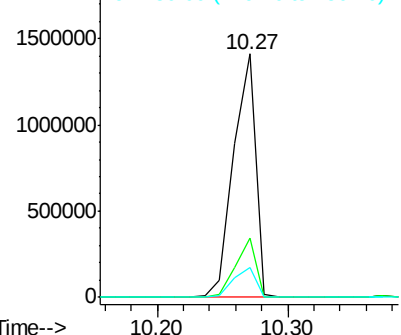
Tot Ion:149 Resp: 1666984
Ion Ratio Lower Upper
149 100
177 24.4 15.7 23.5#
150 12.5 10.2 15.2

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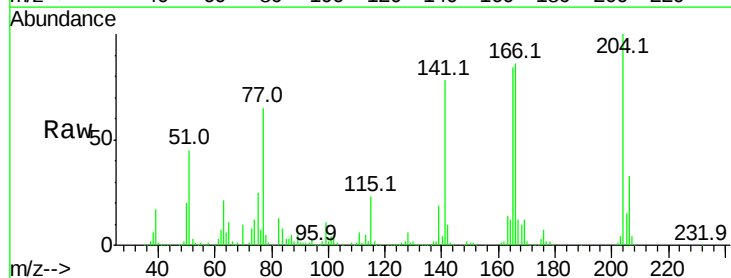


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

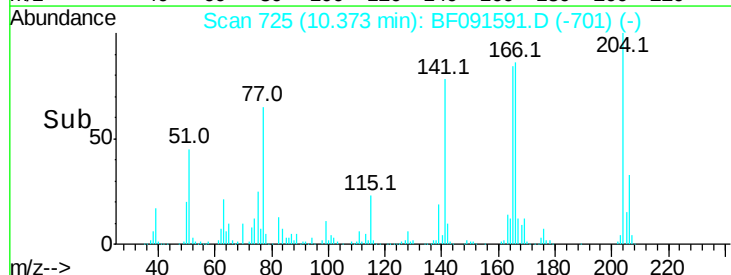
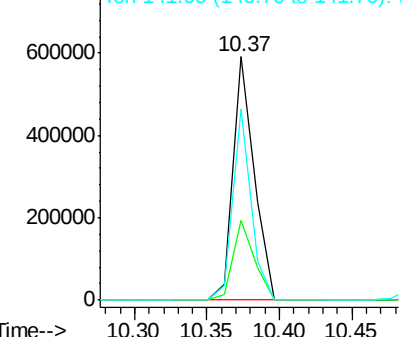


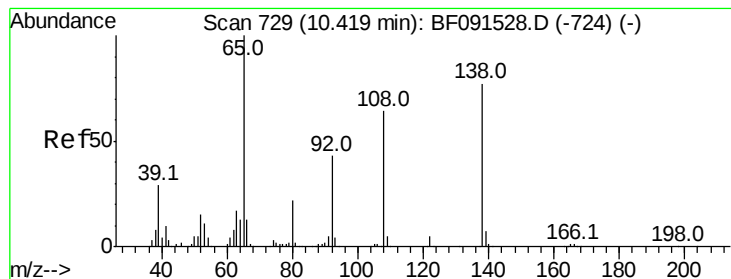
#60
4-Chlorophenyl-phenylether
Concen: 36.54 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion:204 Resp: 596361
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 78.4 40.6 61.0#



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: 39.48 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

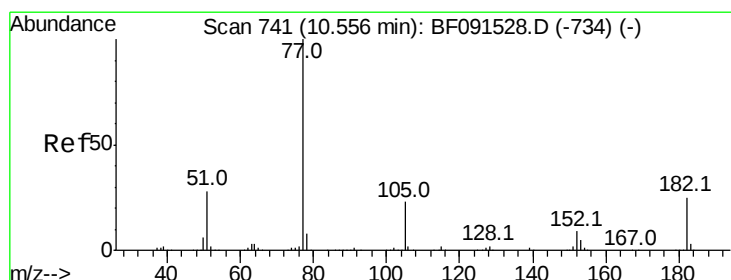
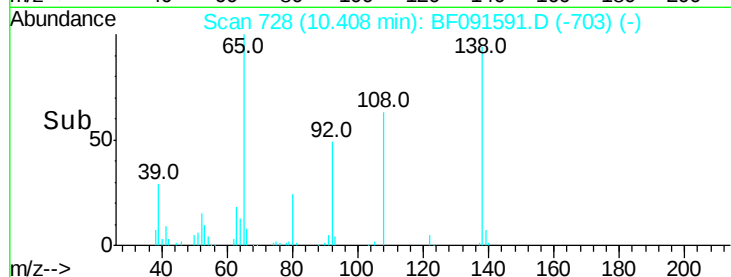
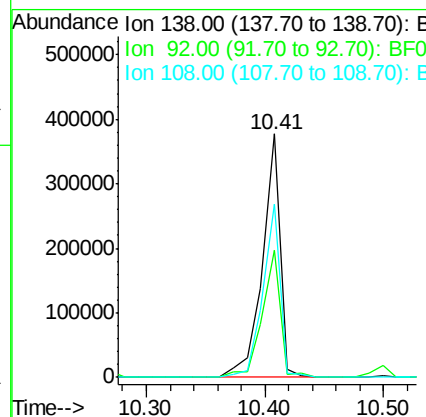
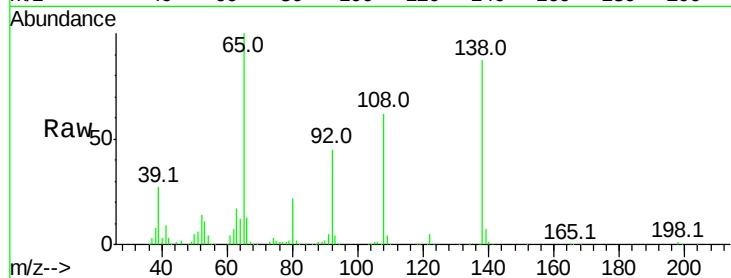
ClientSampleId :

PB95351BS

Tot Ion:	138	Resp:	395671
Ion Ratio	Lower	Upper	
138	100		
92	52.1	26.9	66.9
108	71.3	49.1	89.1

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#62

Azobenzene

Concen: 42.04 ng

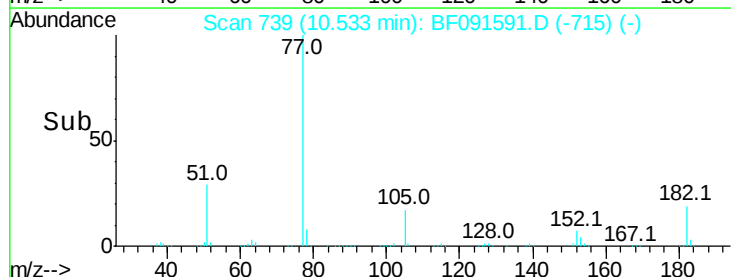
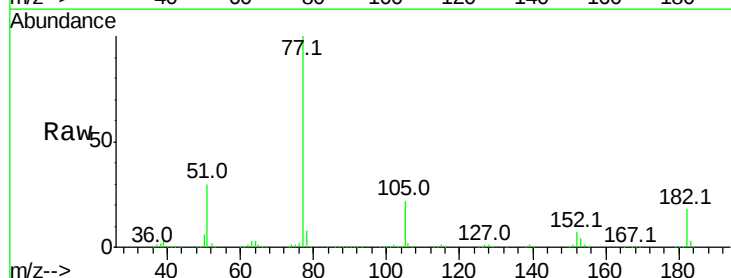
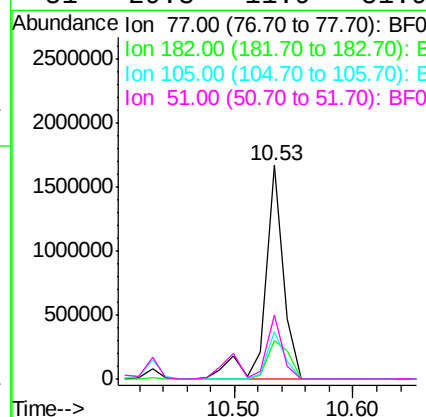
RT: 10.53 min Scan# 739

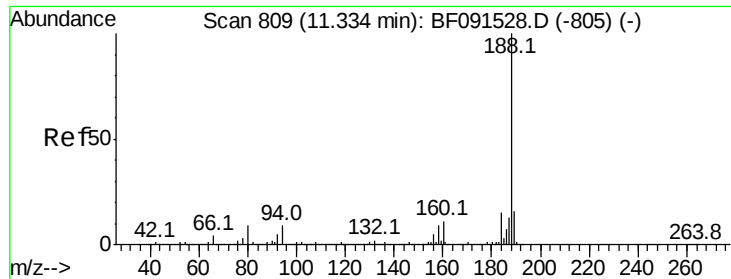
Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:	77	Resp:	1794683
Ion Ratio	Lower	Upper	
77	100		
182	18.2	12.5	52.5
105	22.3	3.7	43.7
51	29.8	11.9	51.9





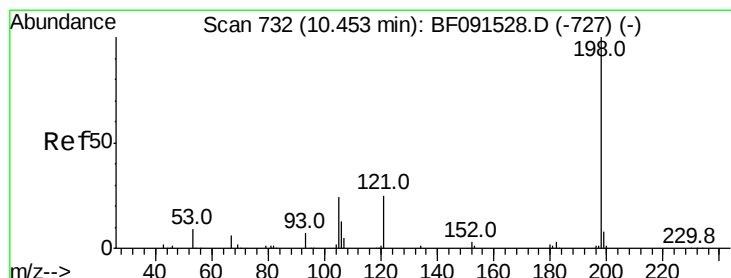
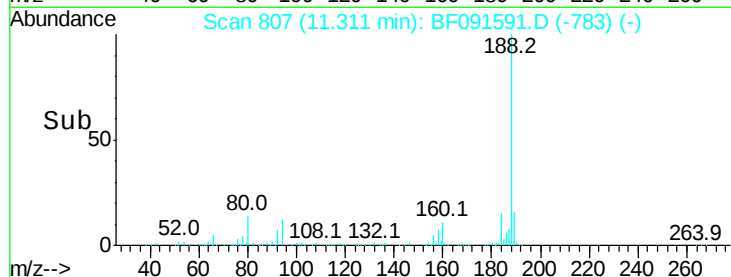
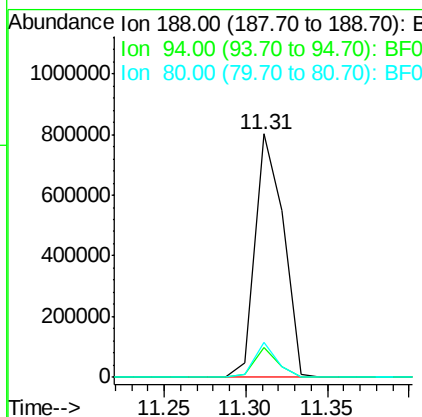
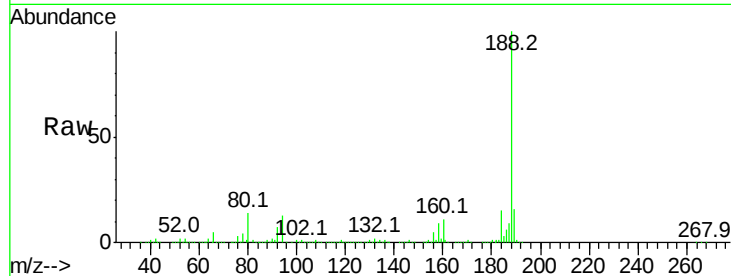
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampled :
PB95351BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.5	9.2	13.8	
80	14.2	10.5	15.7	

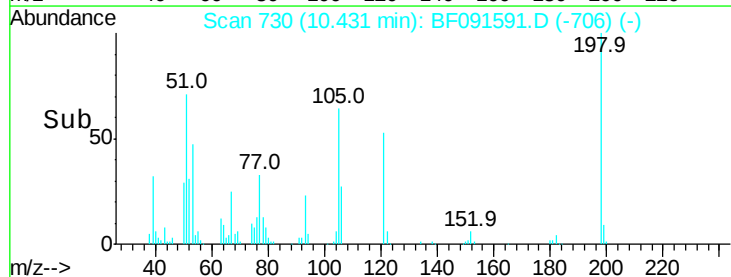
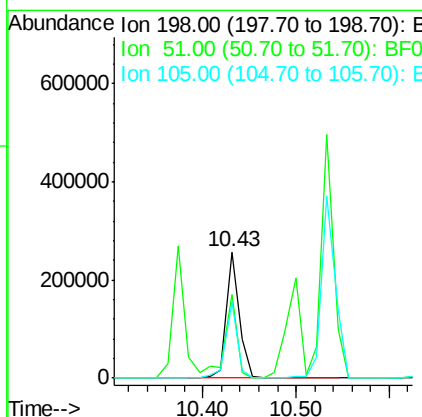
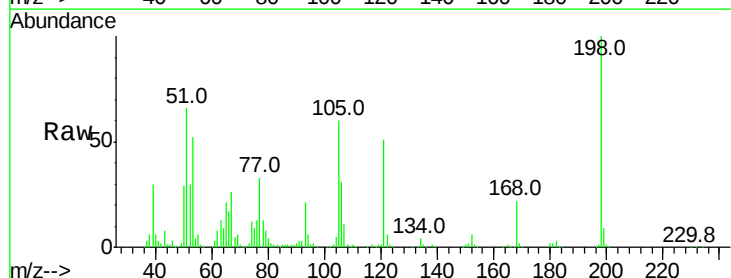
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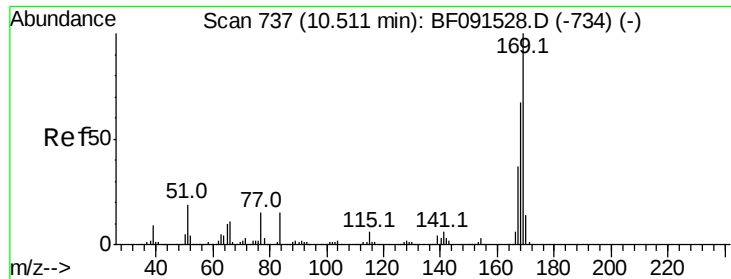
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.60 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	66.4	77.1	117.1#	
105	59.8	44.8	84.8	





#65

n-Nitrosodiphenylamine

Concen: 46.26 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:169 Resp: 1337850

Ion Ratio Lower Upper

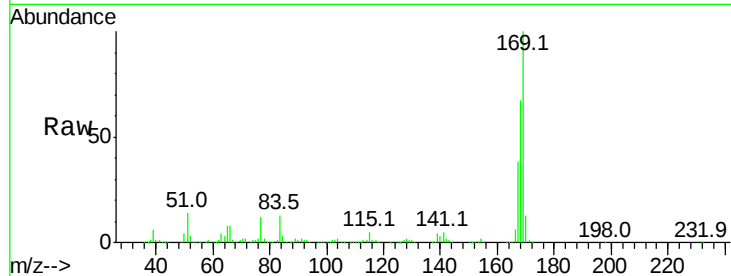
169 100

168 67.4 53.8 80.8

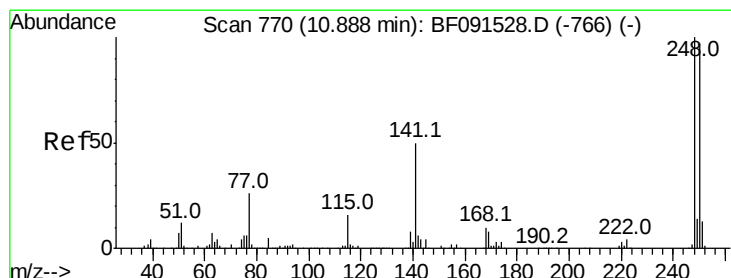
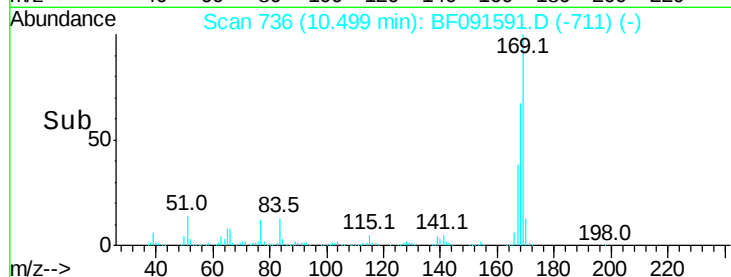
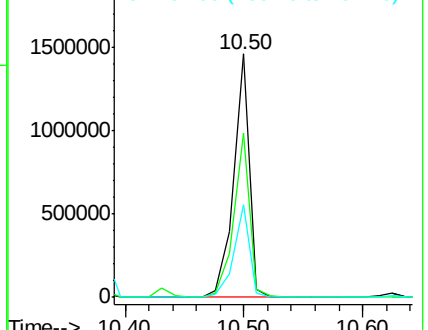
167 37.8 29.8 44.8

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Abundance Ion 169.00 (168.70 to 169.70): E
2000000 Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.99 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

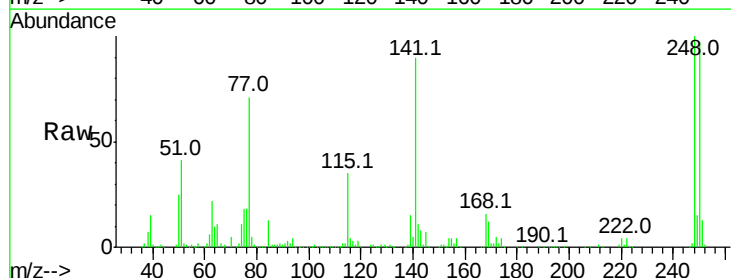
Tgt Ion:248 Resp: 417624

Ion Ratio Lower Upper

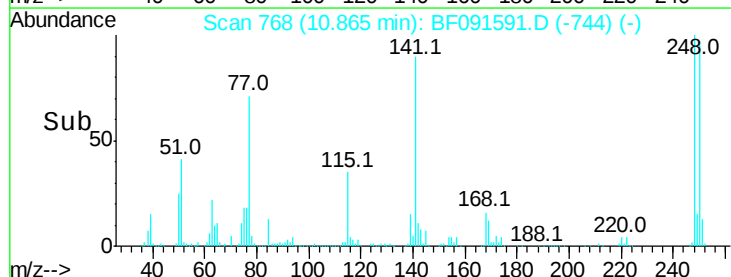
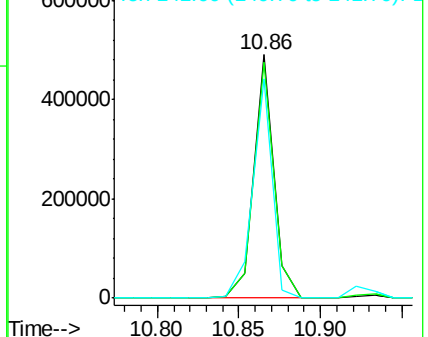
248 100

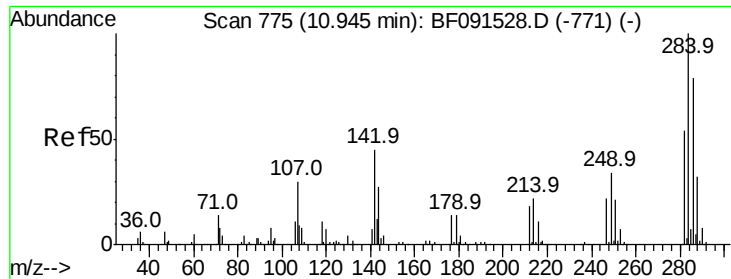
250 97.1 78.2 117.4

141 90.1 71.9 107.9



Abundance Ion 248.00 (247.70 to 248.70): E
600000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





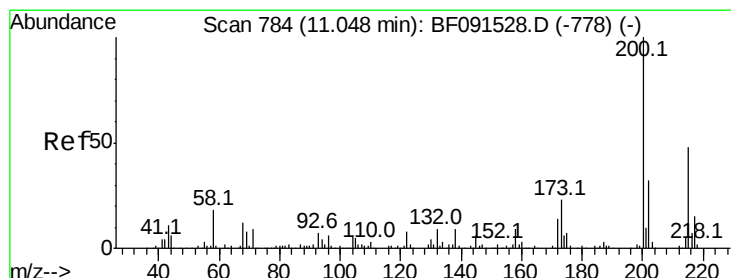
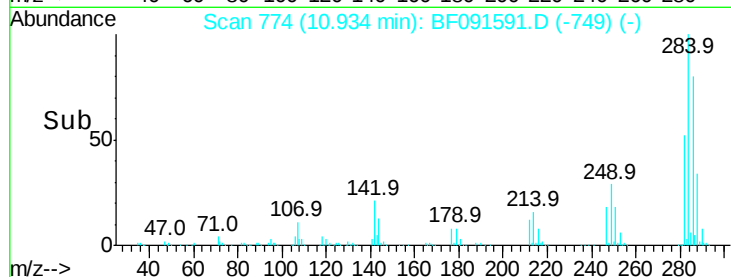
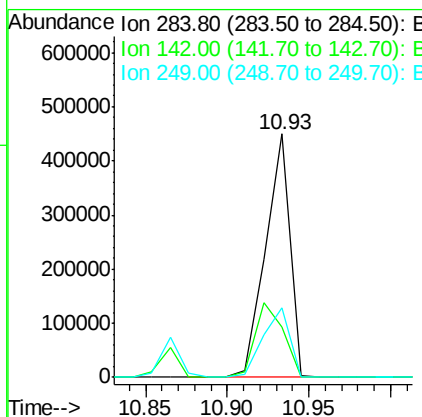
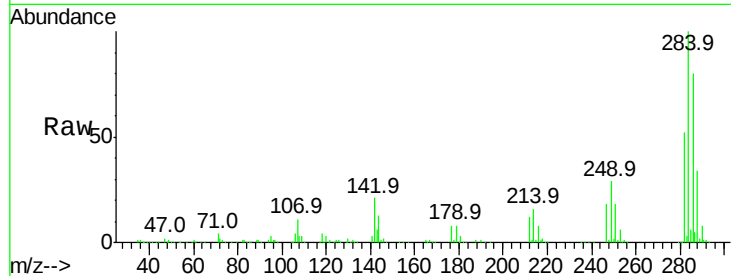
#67
Hexachlorobenzene
Concen: 45.46 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	470084		
142	20.8	17.9	26.9	
249	28.8	23.6	35.4	

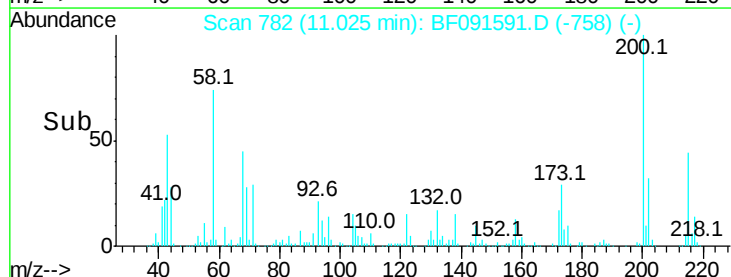
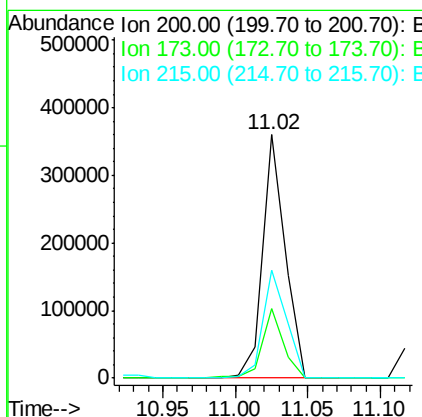
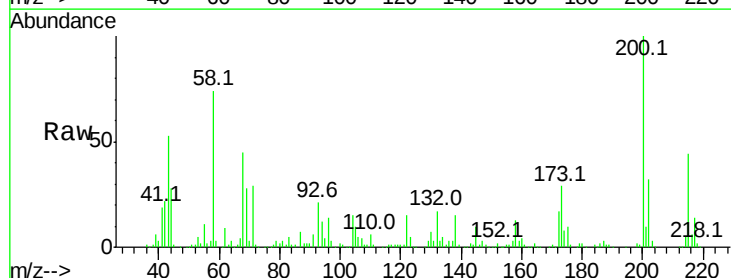
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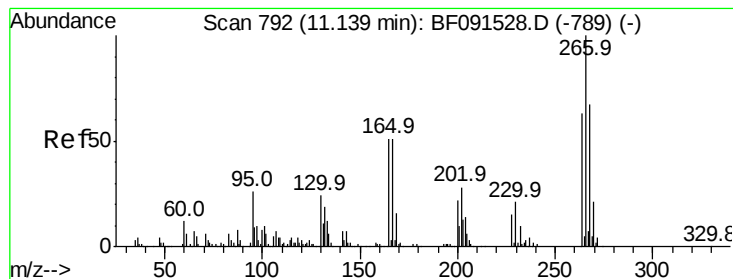
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#68
Atrazine
Concen: 41.65 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	387314		
173	28.7	7.8	47.8	
215	44.1	24.3	64.3	





#69

Pentachlorophenol

Concen: 90.57 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

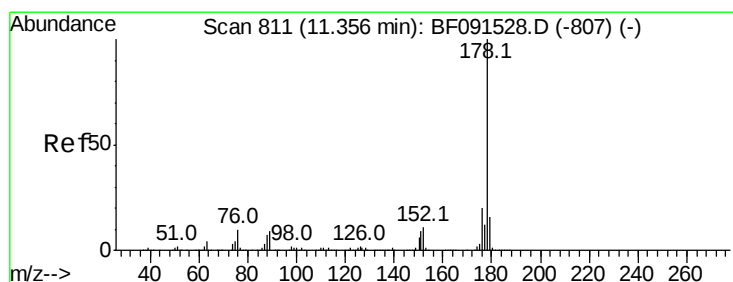
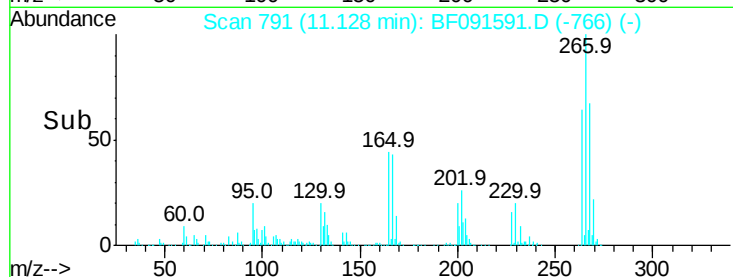
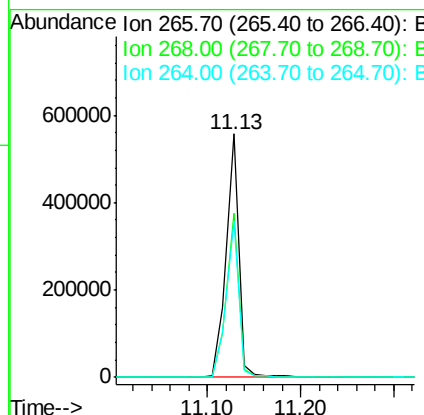
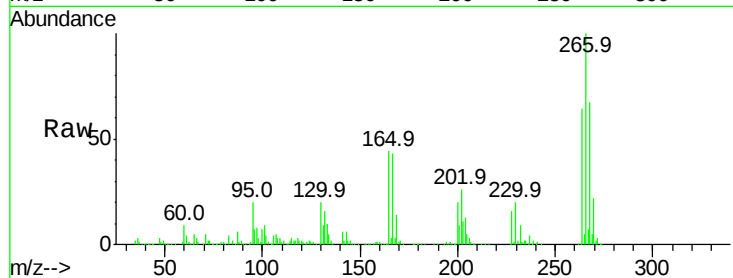
ClientSampleId :

PB95351BS

Tot Ion:	266	Resp:	527107
Ion Ratio		Lower	Upper
266	100		
268	67.4	50.3	75.5
264	64.1	48.2	72.2

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#70

Phenanthrene

Concen: 48.34 ng

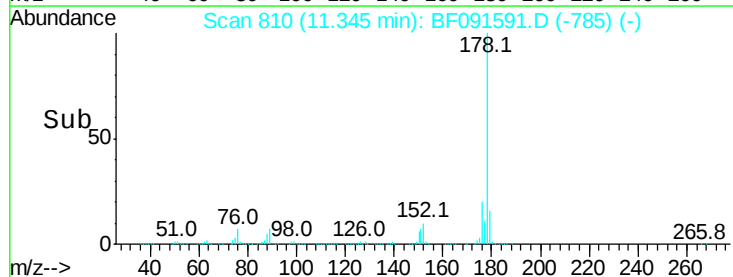
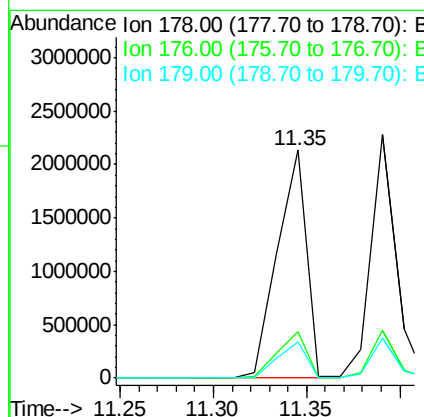
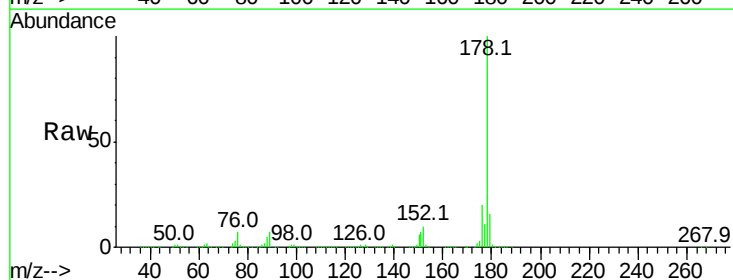
RT: 11.35 min Scan# 810

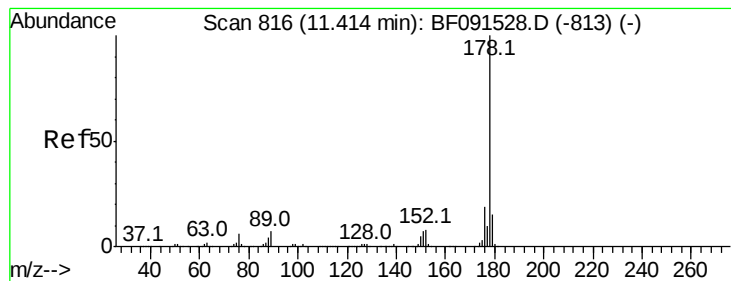
Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion:	178	Resp:	2321849
Ion Ratio		Lower	Upper
178	100		
176	20.2	15.9	23.9
179	15.9	12.6	18.8





#71

Anthracene

Concen: 40.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:178 Resp: 2072673

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

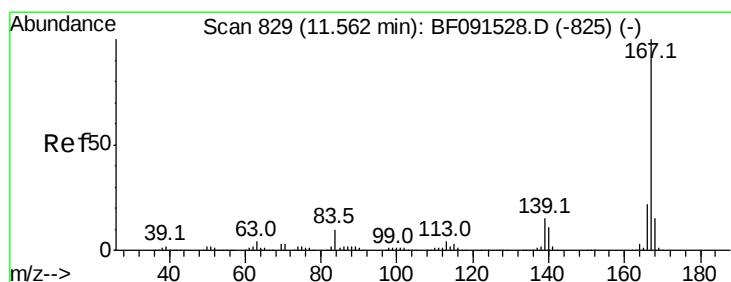
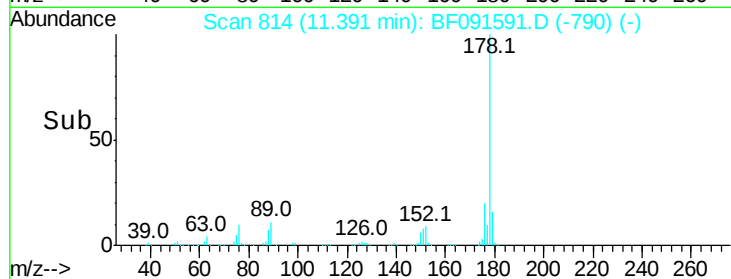
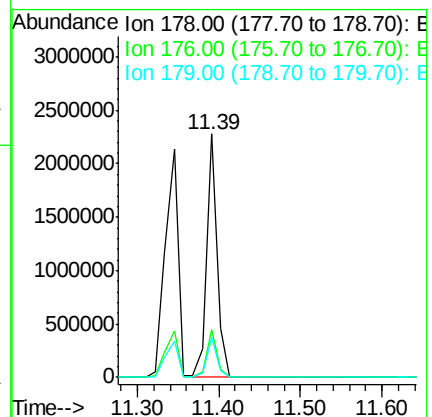
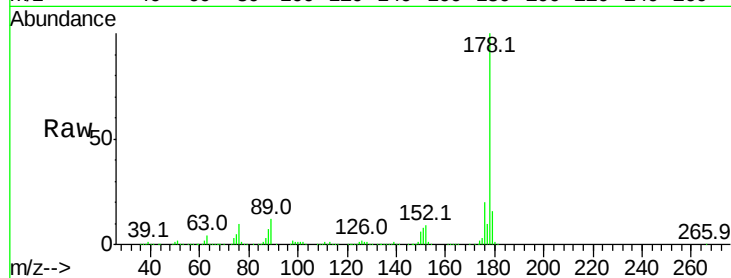
179 16.4 12.7 19.1

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#72

Carbazole

Concen: 45.56 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

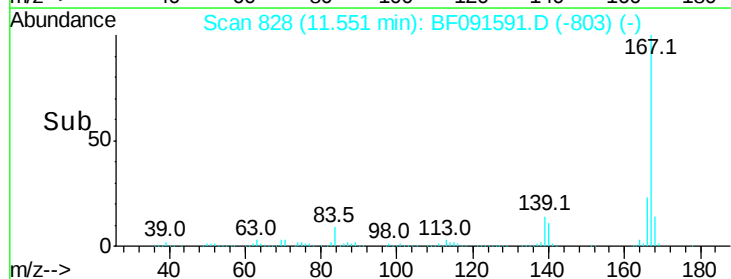
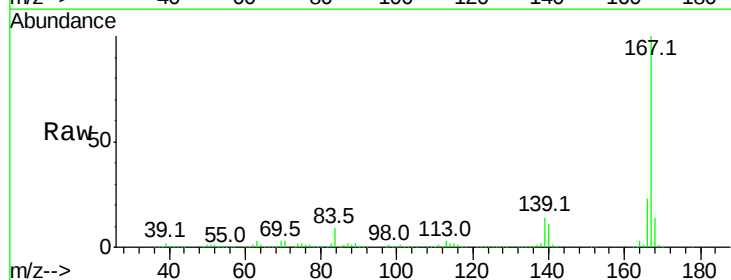
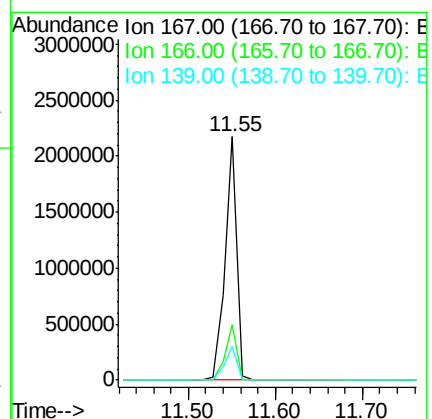
Tgt Ion:167 Resp: 2069050

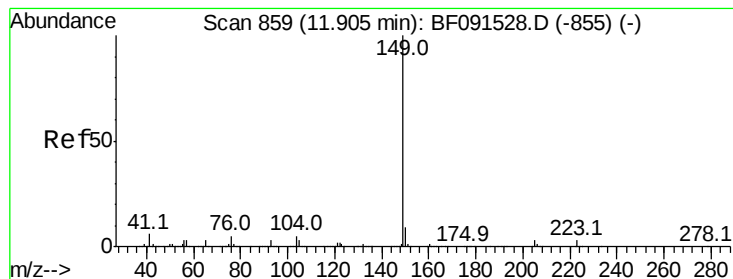
Ion Ratio Lower Upper

167 100

166 22.9 18.1 27.1

139 13.9 11.5 17.3





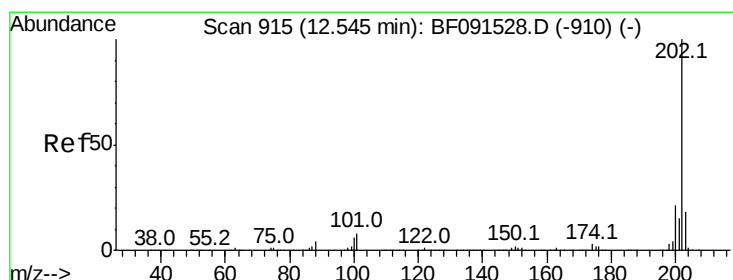
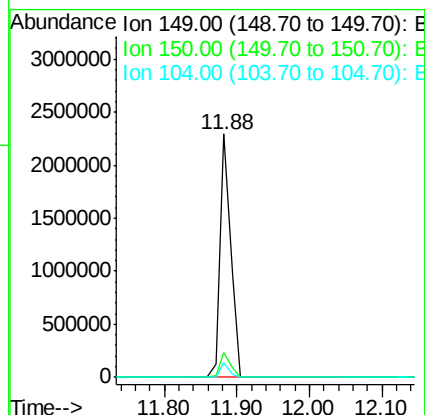
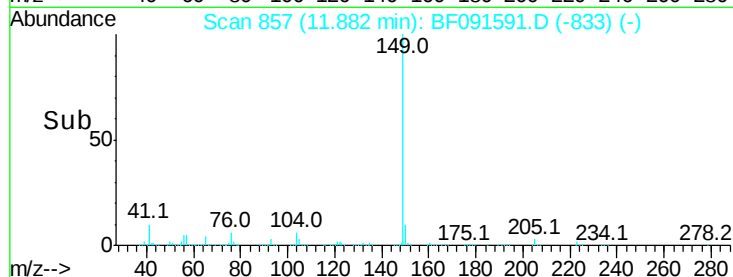
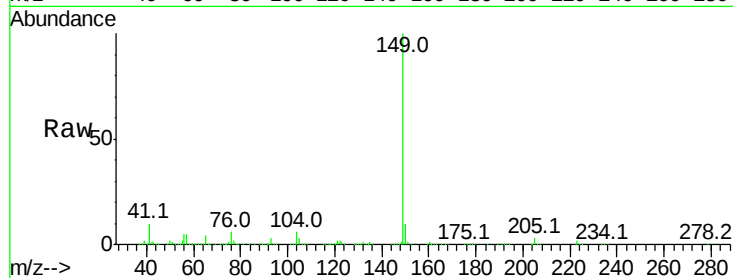
#73
Di-n-butylphthalate
Concen: 43.86 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion:149 Resp: 2320940
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 5.8 4.0 6.0

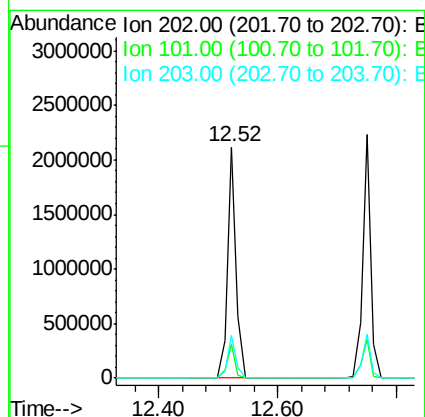
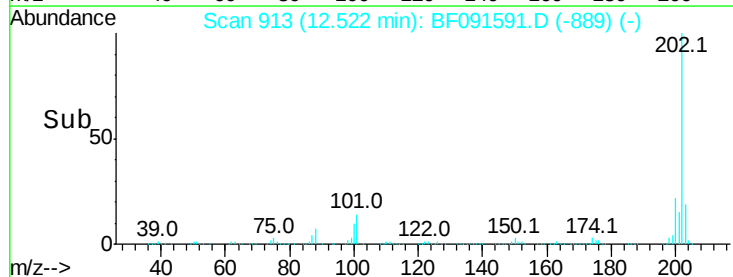
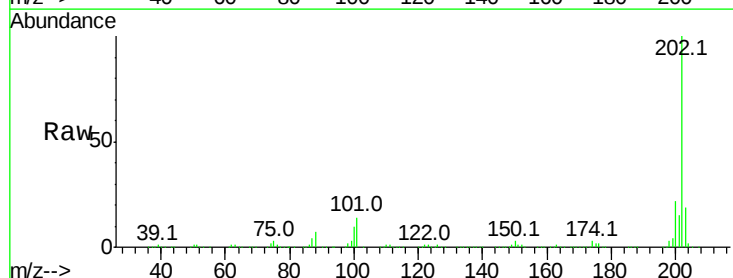
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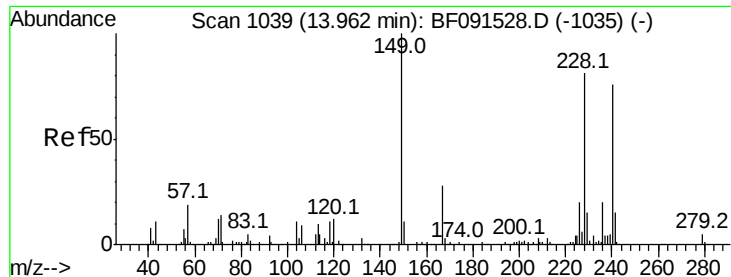
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#74
Fluoranthene
Concen: 41.75 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion:202 Resp: 2099822
Ion Ratio Lower Upper
202 100
101 14.4 0.0 29.5
203 18.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

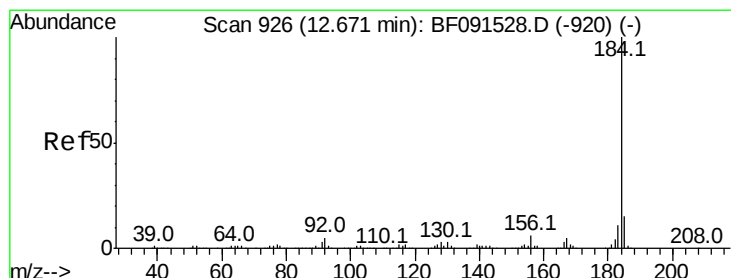
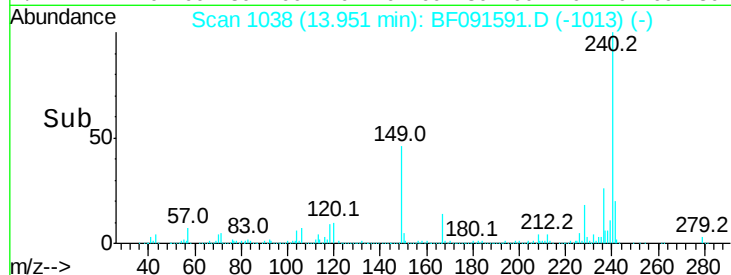
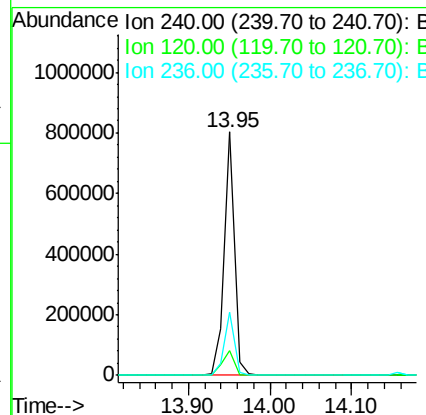
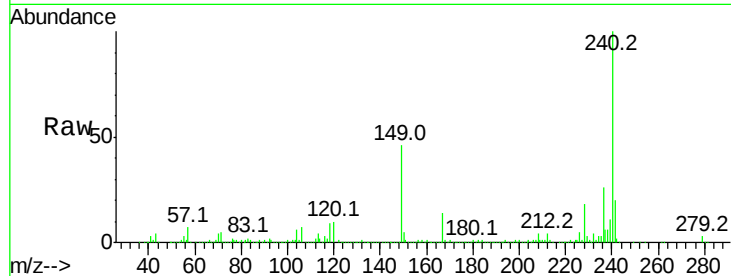
ClientSampleId :

PB95351BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.1	18.1#
236	26.2	21.0	31.6

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#76

Benzidine

Concen: 31.25 ng

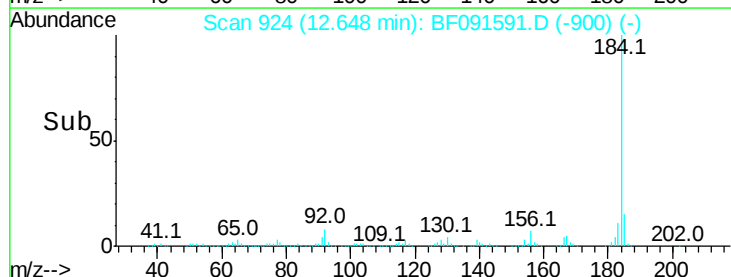
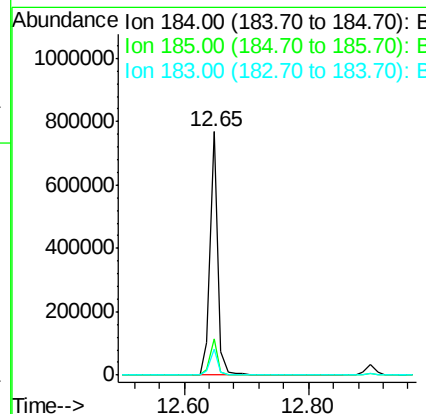
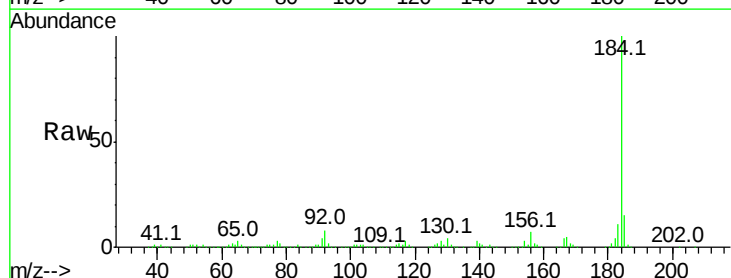
RT: 12.65 min Scan# 924

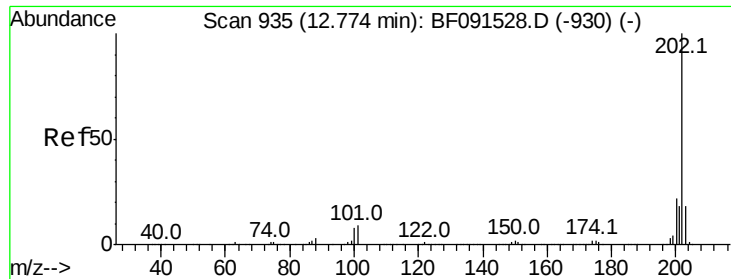
Delta R.T. -0.02 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.1	19.7
183	10.8	8.9	13.3





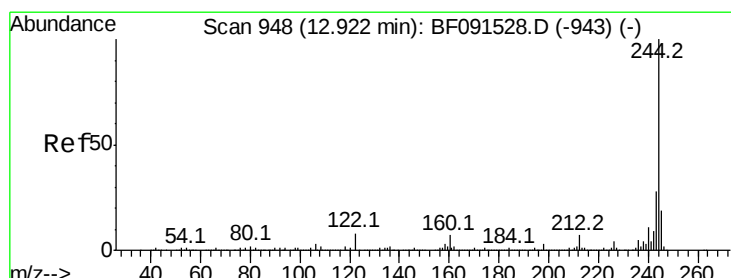
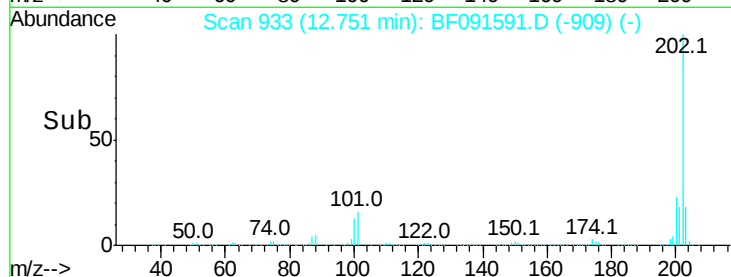
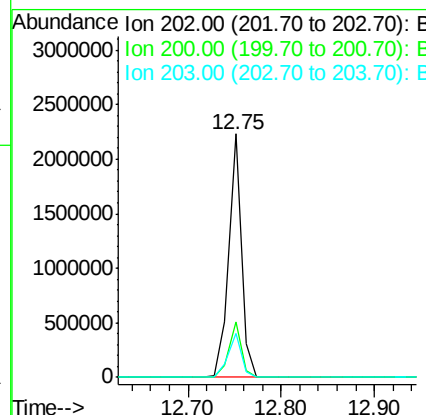
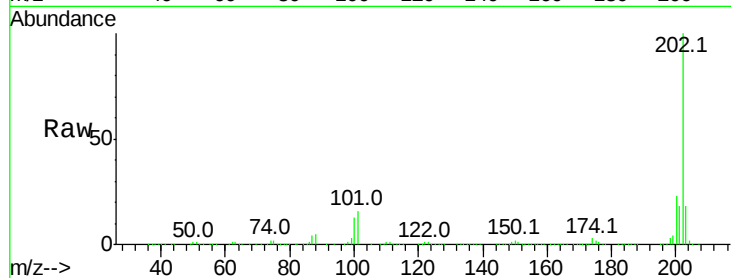
#77
Pvrene
Concen: 38.05 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	18.3	14.0	21.0

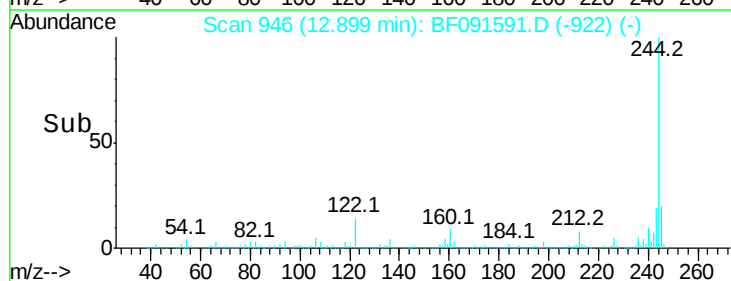
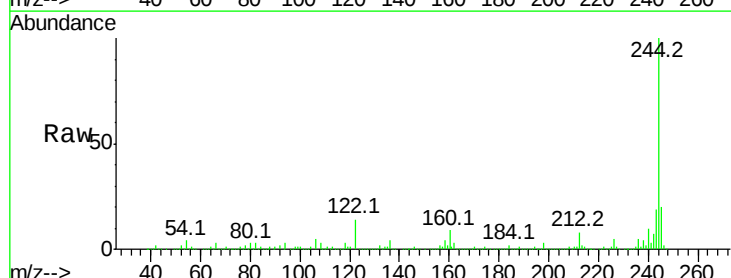
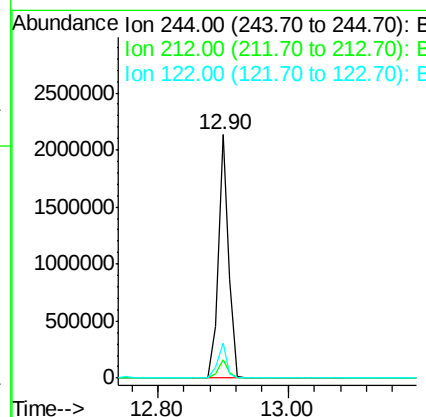
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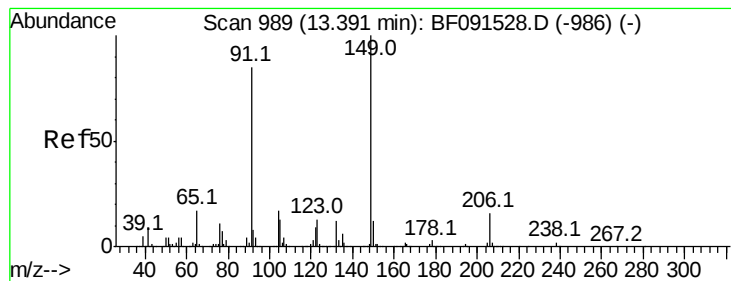
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#78
Terphenyl-d14
Concen: 77.84 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.4	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 48.55 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

ClientSampleId :

PB95351BS

Tot Ion:149 Resp: 1049750

Ion Ratio Lower Upper

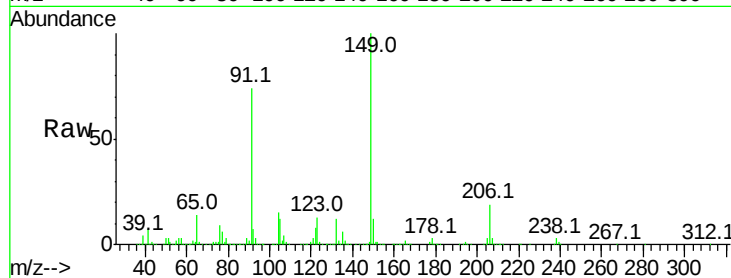
149 100

91 74.1 57.4 86.2

206 18.8 15.4 23.2

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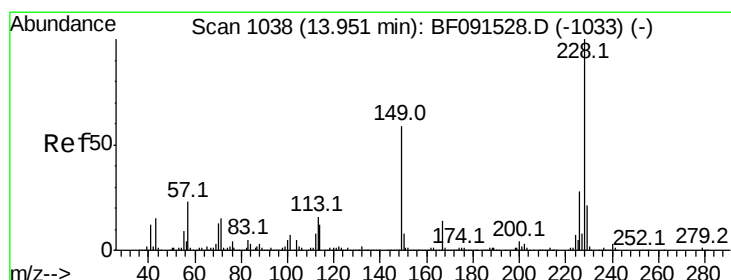
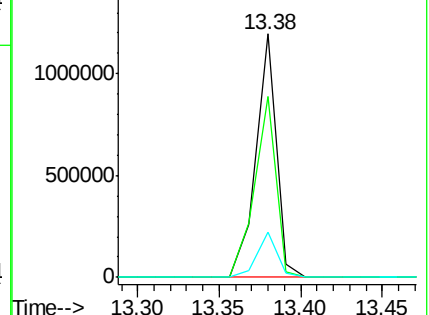
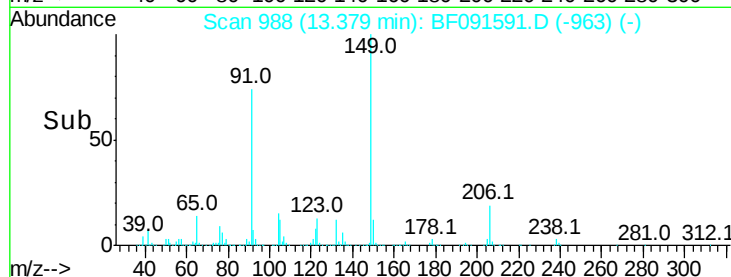
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.49 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

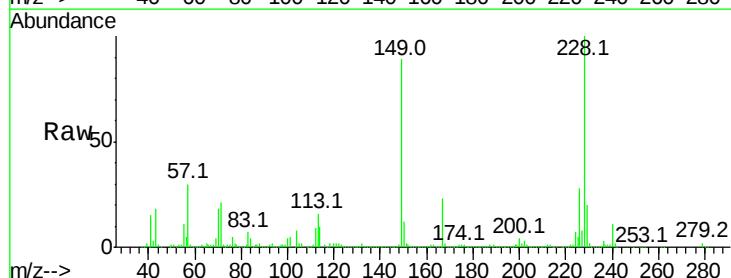
Tgt Ion:228 Resp: 1644088

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

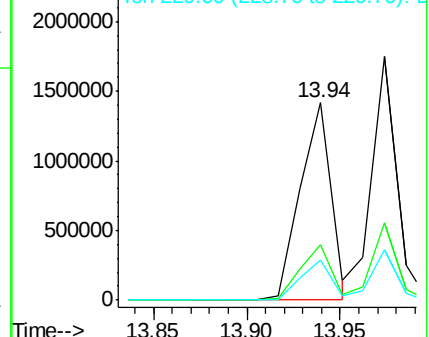
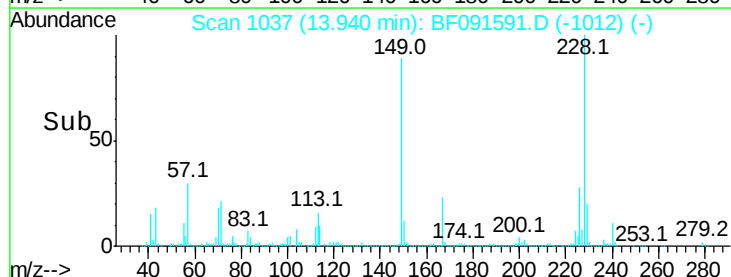
229 20.4 16.4 24.6

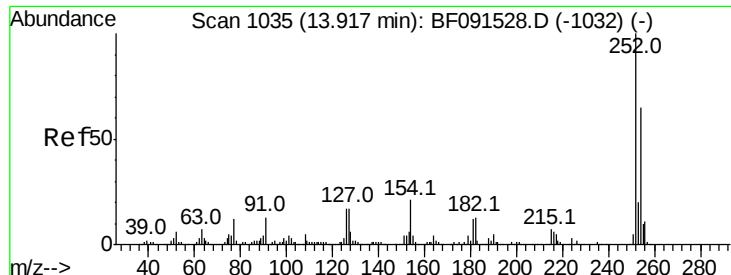


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





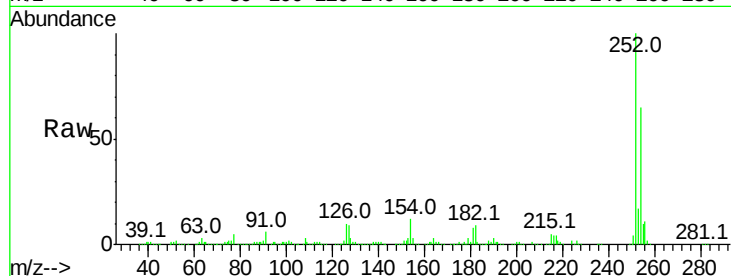
#81
 3,3'-Dichlorobenzidine
 Concen: 21.71 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

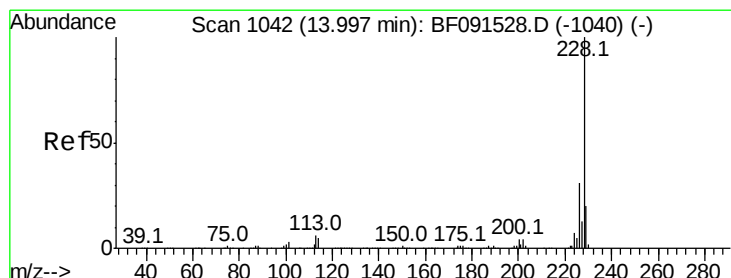
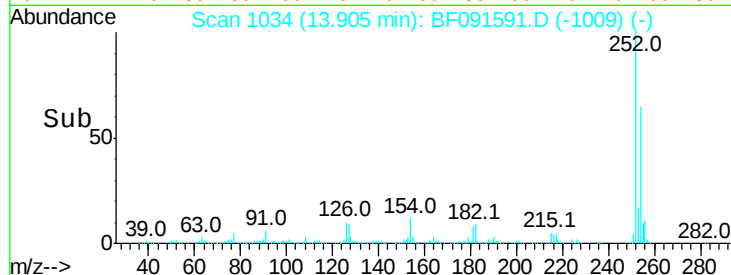
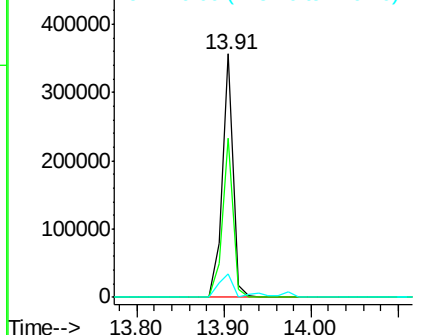
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.3	52.1	78.1	
126	9.7	7.5	11.3	

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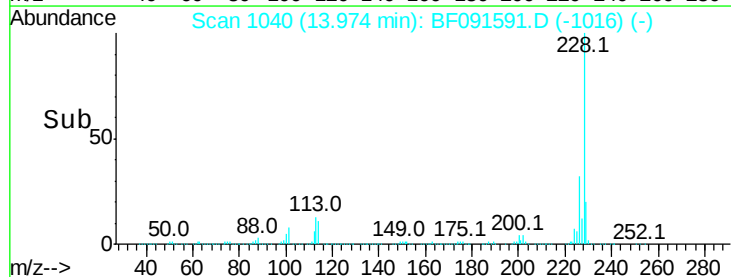
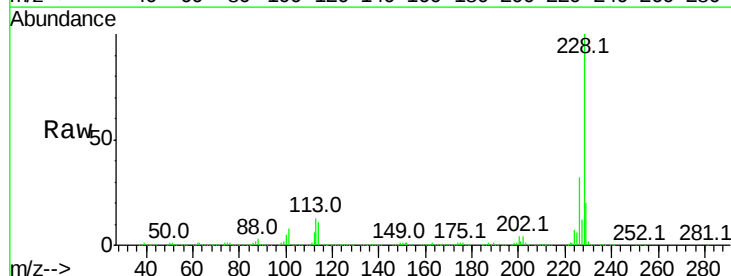
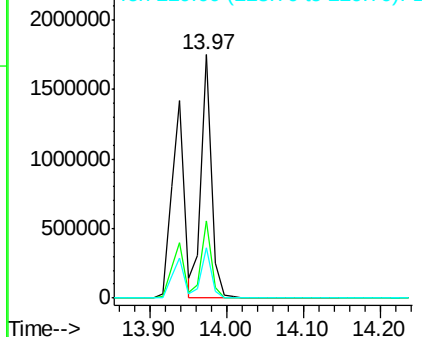
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

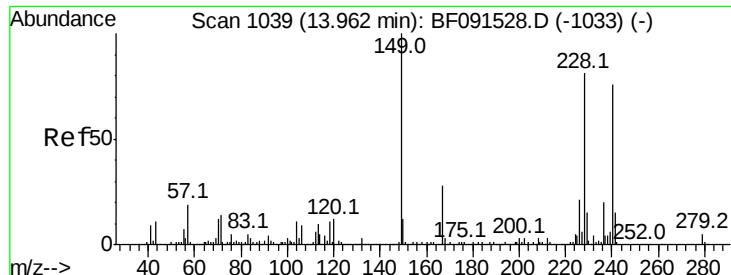


#82
 Chrysene
 Concen: 37.94 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.6	25.0	37.4	
229	20.5	16.0	24.0	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





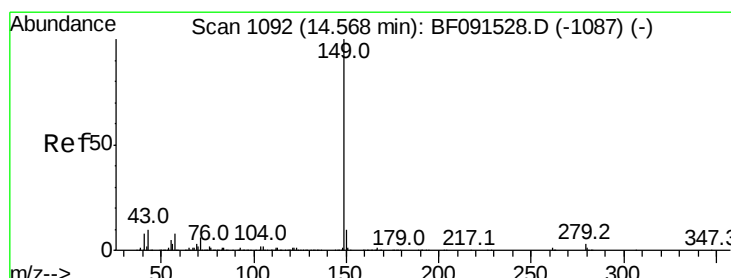
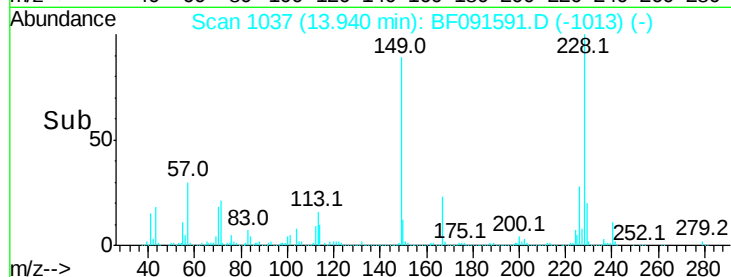
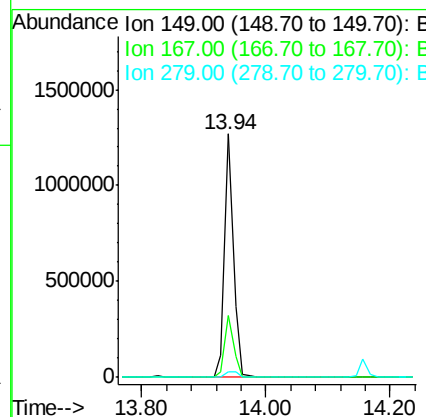
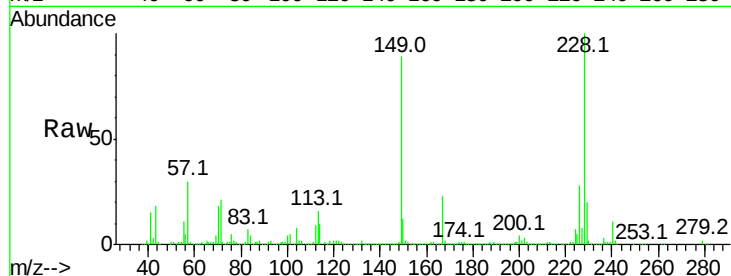
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.31 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

Tot Ion:149 Resp: 1229269
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.6 29.4
 279 2.4 1.9 2.9

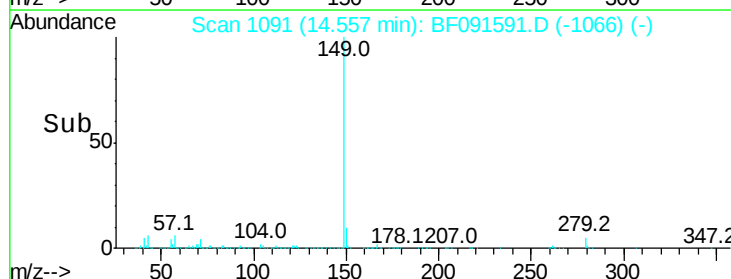
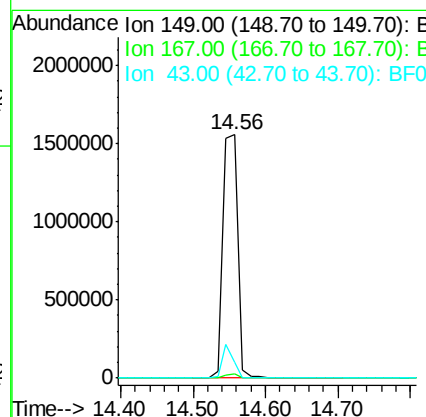
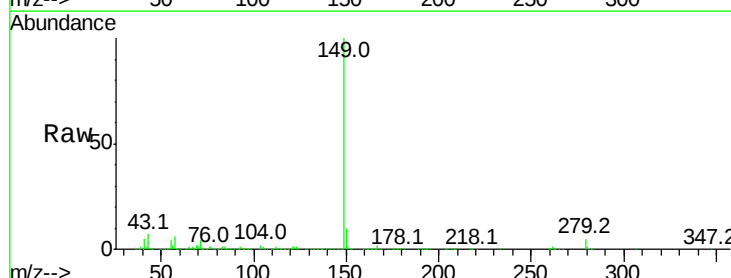
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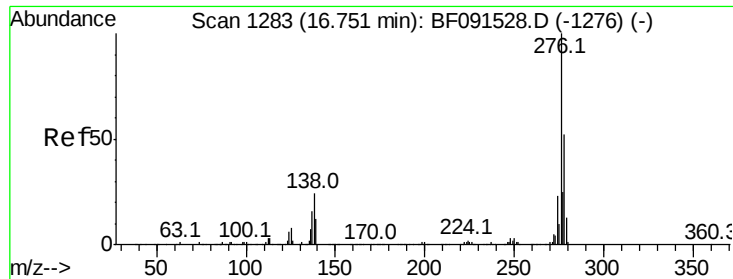
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#84
 Di-n-octyl phthalate
 Concen: 46.96 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Tgt Ion:149 Resp: 2211295
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 11.9 17.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.02 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BF091591.D

Acq: 14 Dec 2016 18:28

Instrument :

BNA_F

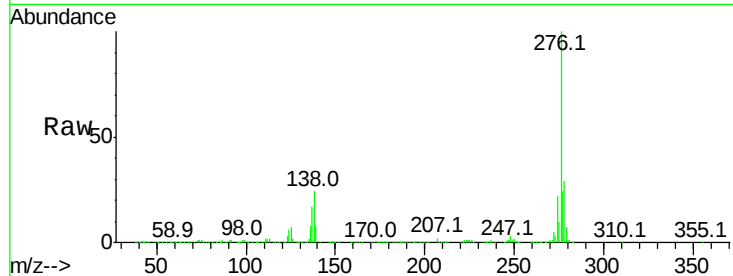
ClientSampleId :

PB95351BS

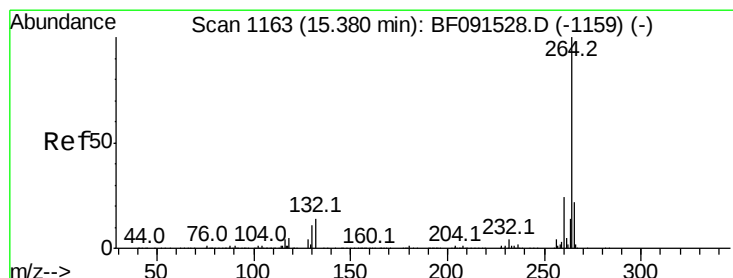
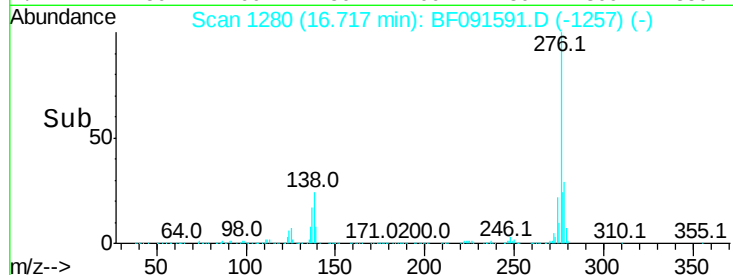
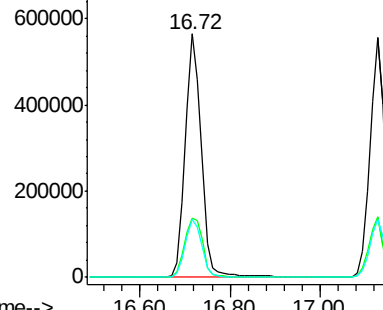
Tot Ion:	276	Resp:	1415011
Ion Ratio	Lower	Upper	
276	100		
138	27.9	21.0	31.4
277	24.7	20.2	30.2

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



#86

Perylene-d12

Concen: 20.00 ng

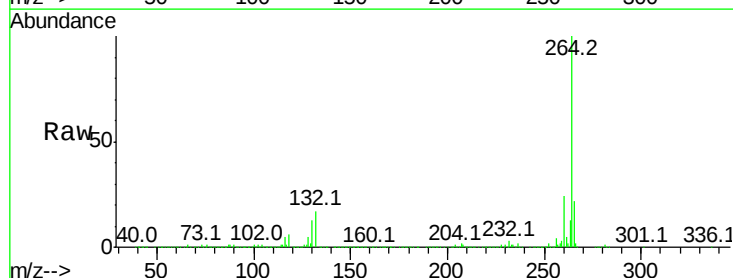
RT: 15.36 min Scan# 1161

Delta R.T. -0.02 min

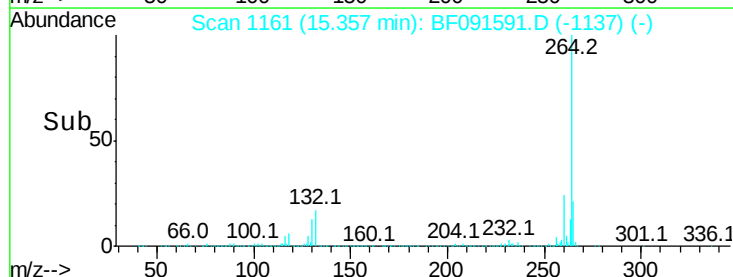
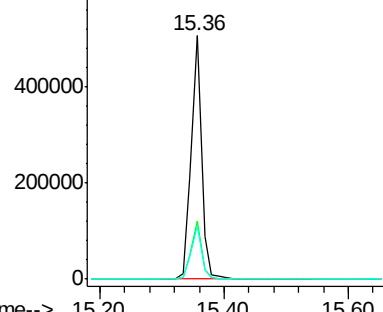
Lab File: BF091591.D

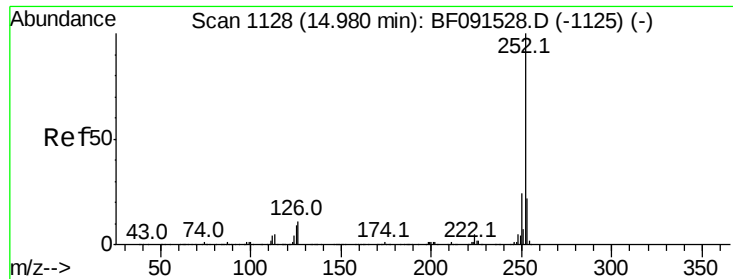
Acq: 14 Dec 2016 18:28

Tgt Ion:	264	Resp:	577154
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.8	28.2
265	21.6	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





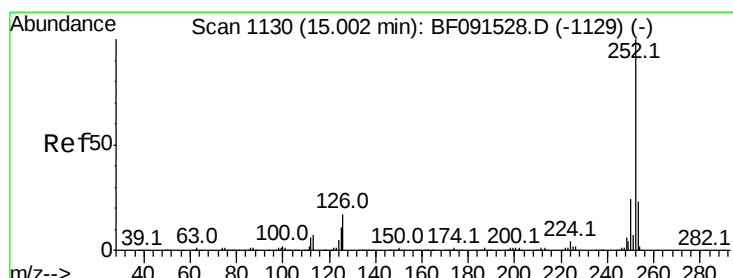
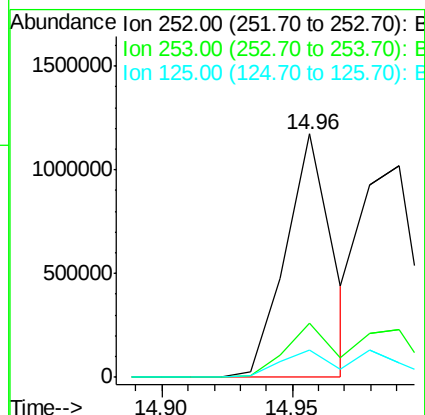
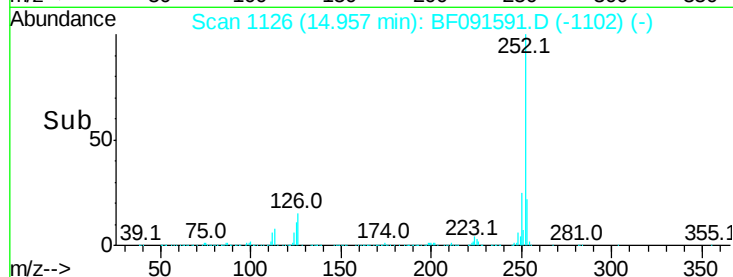
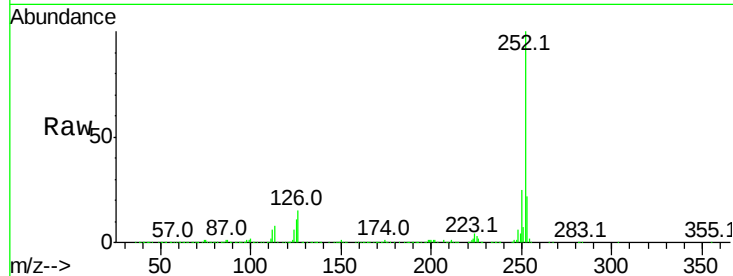
#87
Benzo(b)fluoranthene
Concen: 42.08 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.1	8.6	13.0

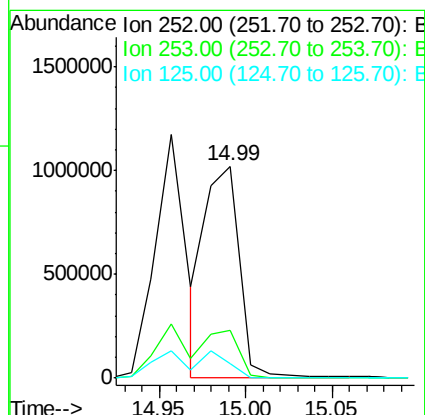
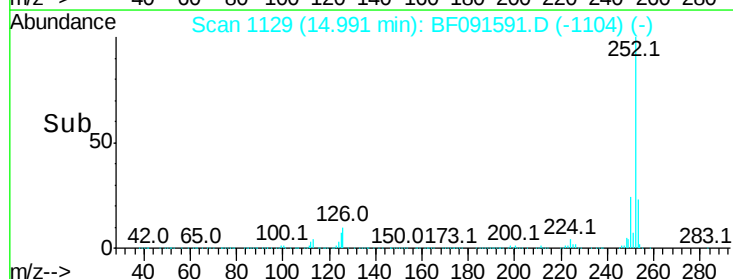
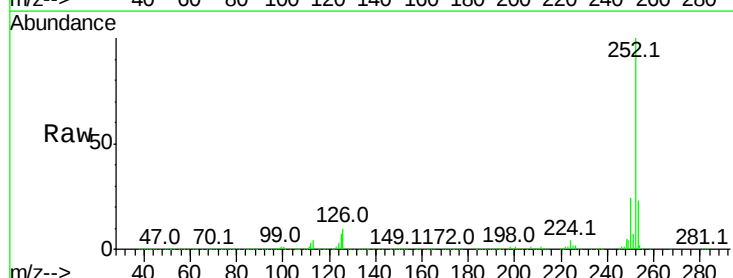
Manual Integrations
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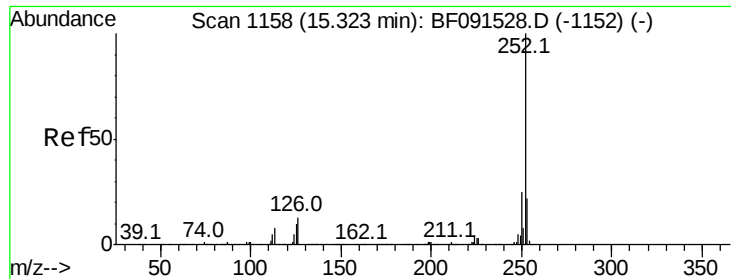
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#88
Benzo(k)fluoranthene
Concen: 46.92 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	6.7	9.6	14.4#





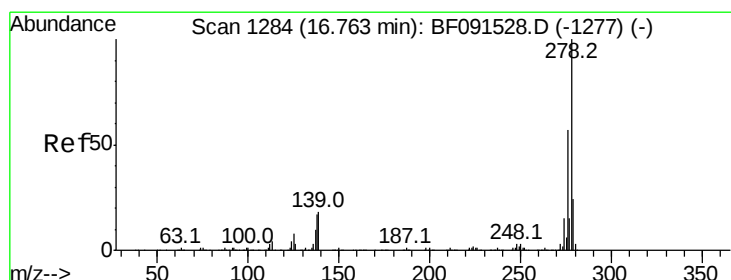
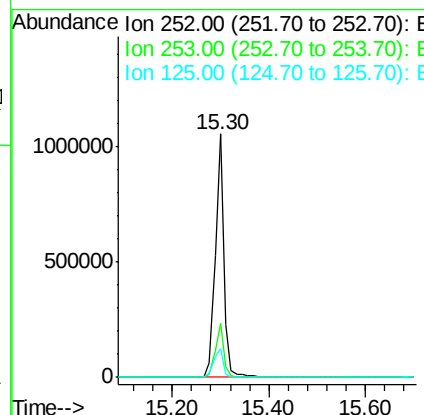
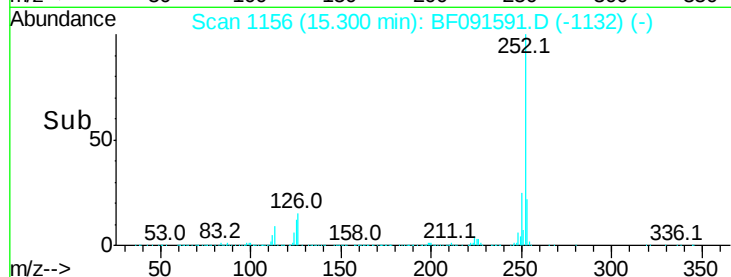
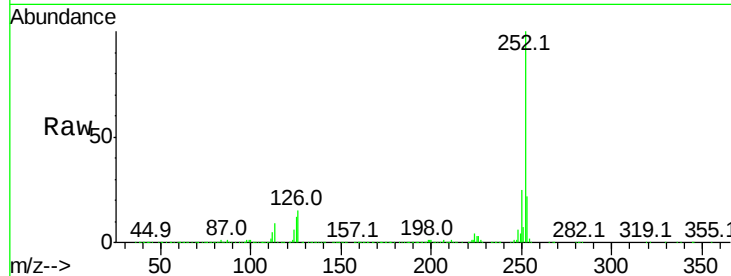
#89
Benzo(a)pyrene
Concen: 43.26 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Instrument :
BNA_F
ClientSampleId :
PB95351BS

Tot Ion:252 Resp: 1340739
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.6 10.4 15.6

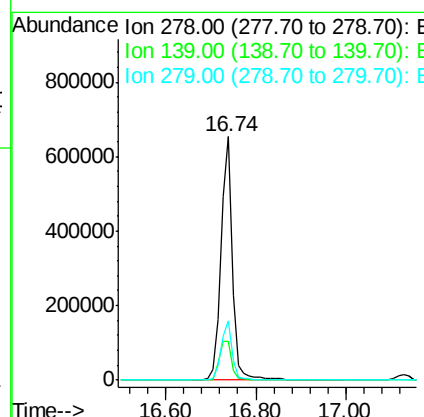
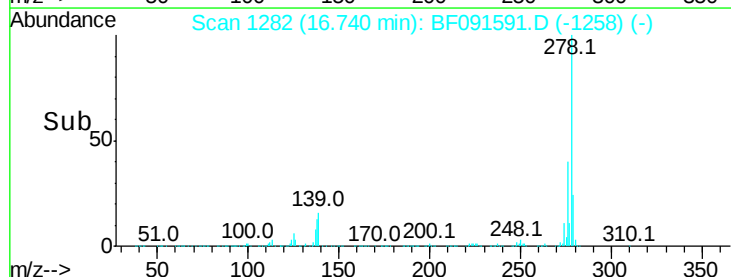
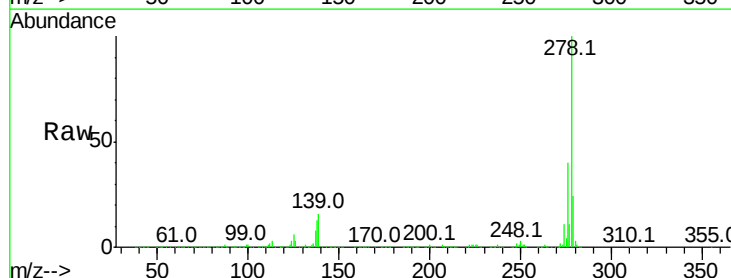
Manual Integrations
APPROVED

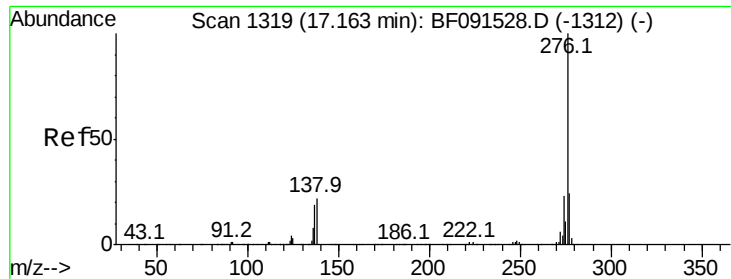
sohil
12/15/2016 5:39:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.88 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF091591.D
Acq: 14 Dec 2016 18:28

Tgt Ion:278 Resp: 1162902
Ion Ratio Lower Upper
278 100
139 16.2 15.1 22.7
279 24.3 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.66 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF091591.D
 Acq: 14 Dec 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	25.0	15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:39:54 PM

