

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091392.D
 Acq On : 2 Dec 2016 16:38
 Operator : UM/SJ
 Sample : PB95000BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Manual Integrations
 APPROVED

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 12/5/2016 11:20:50 AM

Quant Time: Dec 02 22:54:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	197723	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	813355	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	464622	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	848303	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	647071	20.00	ng	-0.02
86) Perylene-d12	15.45	264	535951	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1145203	94.62	ng	0.00
7) Phenol-d6	6.49	99	1408503	94.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	981524	67.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	443904	100.92	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1663178	64.81	ng	-0.02
78) Terphenyl-d14	12.97	244	1944556	65.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	154701	28.25	ng	# 84
3) Pyridine	3.26	79	463357	29.90	ng	88
4) n-Nitrosodimethylamine	3.21	42	282880	34.79	ng	97
6) Aniline	6.52	93	440000	22.23	ng	# 74
8) 2-Chlorophenol	6.64	128	418570	31.54	ng	# 79
9) Benzaldehyde	6.40	77	133724	13.96	ng	85
10) Phenol	6.50	94	566684	32.32	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	405507	32.37	ng	96
12) 1,3-Dichlorobenzene	6.80	146	483158	32.73	ng	99
13) 1,4-Dichlorobenzene	6.88	146	483279	32.91	ng	97
14) 1,2-Dichlorobenzene	7.03	146	439978	32.17	ng	98
15) Benzyl Alcohol	7.01	79	417166	34.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	856051	31.78	ng	72
17) 2-Methylphenol	7.12	107	359985	34.32	ng	# 75
18) Hexachloroethane	7.37	117	167198	32.07	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	336108	35.81	ng	# 91
20) 3+4-Methylphenols	7.27	107	430622	33.63	ng	# 62
22) Acetophenone	7.27	105	584041	30.30	ng	# 79
24) Nitrobenzene	7.44	77	465994	31.36	ng	# 91
25) Isophorone	7.68	82	866494	33.70	ng	98
26) 2-Nitrophenol	7.76	139	244891	36.16	ng	88
27) 2,4-Dimethylphenol	7.80	122	405749	32.03	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	564387	36.47	ng	99
29) 2,4-Dichlorophenol	8.00	162	382787	34.35	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	408789	32.72	ng	95
31) Naphthalene	8.17	128	1239122	32.06	ng	99
32) Benzoic acid	7.92	122	294671	31.56	ng	93
33) 4-Chloroaniline	8.22	127	225104	13.62	ng	95
34) Hexachlorobutadiene	8.29	225	232926	30.32	ng	98
35) Caprolactam	8.58	113	125848m	39.29	ng	
36) 4-Chloro-3-methylphenol	8.70	107	395994	32.91	ng	96
37) 2-Methylnaphthalene	8.86	142	835514	31.81	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	422616	32.27	ng	98
40) Hexachlorocyclopentadiene	9.02	237	485689	80.00	ng	99

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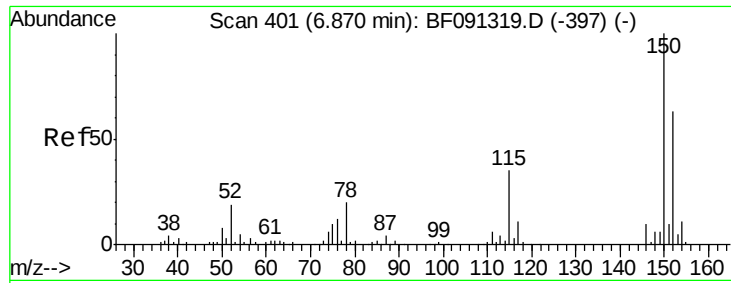
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Quant Time: Dec 02 22:54:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	287096	33.73	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	284498	33.35	ng	94
45) 1,1'-Biphenyl	9.33	154	1153874	34.54	ng	95
46) 2-Chloronaphthalene	9.35	162	835946	33.60	ng	96
47) 2-Nitroaniline	9.44	65	310561	34.75	ng	# 81
48) Acenaphthylene	9.76	152	1205988	30.79	ng	99
49) Dimethylphthalate	9.62	163	912567	32.44	ng	97
50) 2,6-Dinitrotoluene	9.68	165	206683	32.87	ng	92
51) Acenaphthene	9.93	154	876802	33.19	ng	96
52) 3-Nitroaniline	9.85	138	152770	20.99	ng	96
53) 2,4-Dinitrophenol	9.96	184	212000m	77.10	ng	
54) Dibenzofuran	10.10	168	1100506	31.11	ng	98
55) 4-Nitrophenol	10.01	139	326510	62.11	ng	97
56) 2,4-Dinitrotoluene	10.09	165	314710	38.58	ng	93
57) Fluorene	10.45	166	843821	31.07	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.23	232	247202	33.93	ng	97
59) Diethylphthalate	10.33	149	981139	35.33	ng	# 94
60) 4-Chlorophenyl-phenylether	10.45	204	439514	32.27	ng	99
61) 4-Nitroaniline	10.47	138	236430	34.59	ng	96
62) Azobenzene	10.61	77	1047912	36.98	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	158167	33.84	ng	# 73
65) n-Nitrosodiphenylamine	10.56	169	792088	30.80	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	286016	31.37	ng	95
67) Hexachlorobenzene	11.00	284	300317	30.48	ng	# 86
68) Atrazine	11.09	200	243199	29.20	ng	99
69) Pentachlorophenol	11.19	266	376992	64.99	ng	96
70) Phenanthrene	11.41	178	1270887	28.83	ng	99
71) Anthracene	11.46	178	1487338	34.00	ng	99
72) Carbazole	11.61	167	1265919	31.89	ng	99
73) Di-n-butylphthalate	11.96	149	1539166	34.21	ng	99
74) Fluoranthene	12.60	202	1565379	37.49	ng	98
76) Benzidine	12.71	184	426752	22.47	ng	98
77) Pyrene	12.83	202	1570125	31.97	ng	99
79) Butylbenzylphthalate	13.44	149	610588	33.21	ng	88
80) Benzo(a)anthracene	14.00	228	1208962	31.95	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	267485	20.07	ng	# 98
82) Chrysene	14.05	228	1262691	33.72	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	840161	36.05	ng	# 92
84) Di-n-octyl phthalate	14.62	149	1396155	39.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1018624	29.71	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1167105m	35.03	ng	
88) Benzo(k)fluoranthene	15.07	252	872804m	31.16	ng	
89) Benzo(a)pyrene	15.39	252	963959	32.22	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	847039	30.61	ng	# 93
91) Benzo(g,h,i)perylene	17.27	276	839780	29.44	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

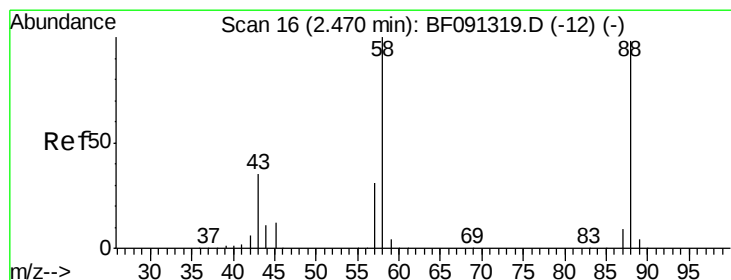
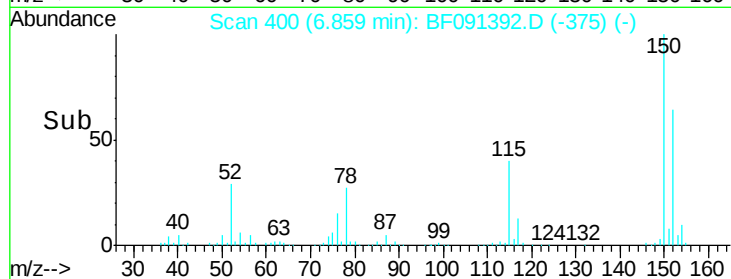
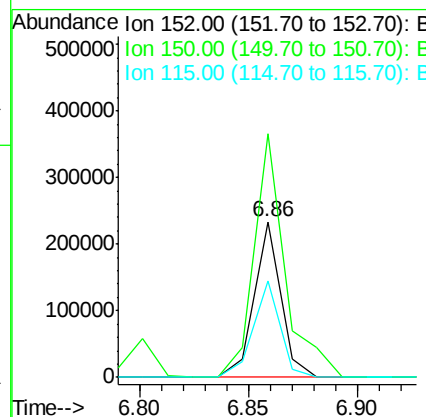
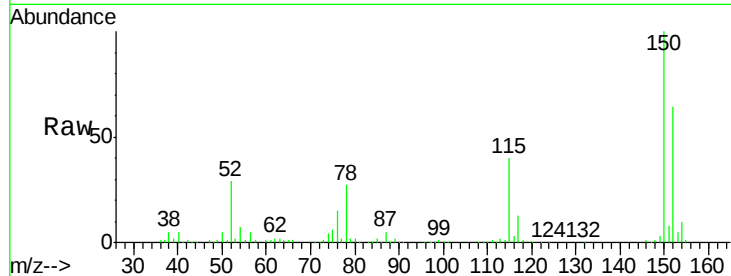
ClientSampleId :

PB95000BS

Tgt Ion:	152	Resp:	197723
Ion Ratio	Lower	Upper	
152	100		
150	156.3	122.5	183.7
115	62.2	51.8	77.8

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#2

1,4-Dioxane

Concen: 28.25 ng

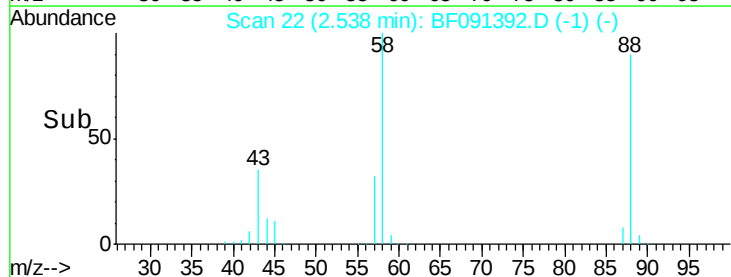
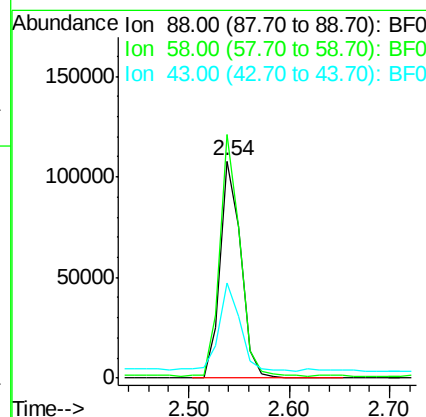
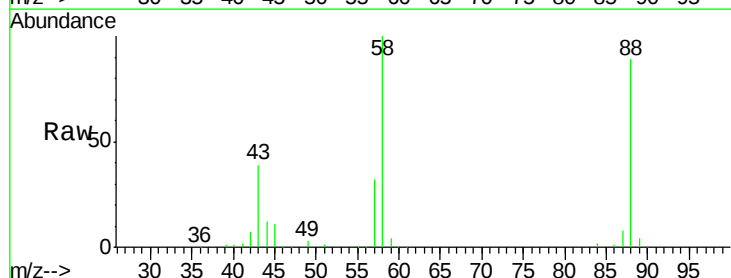
RT: 2.54 min Scan# 22

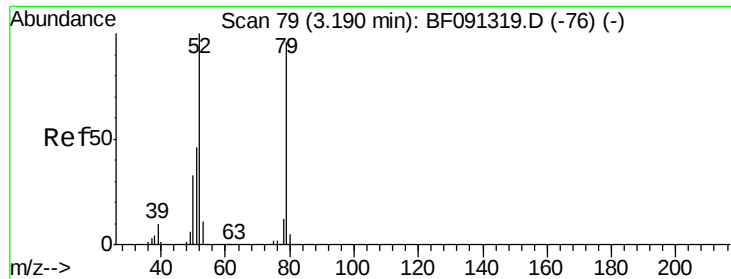
Delta R.T. 0.04 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Tgt Ion:	88	Resp:	154701
Ion Ratio	Lower	Upper	
88	100		
58	107.3	70.3	105.5#
43	41.7	31.3	46.9





#3

Pyridine

Concen: 29.90 ng

RT: 3.26 min Scan# 85

Delta R.T. 0.04 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

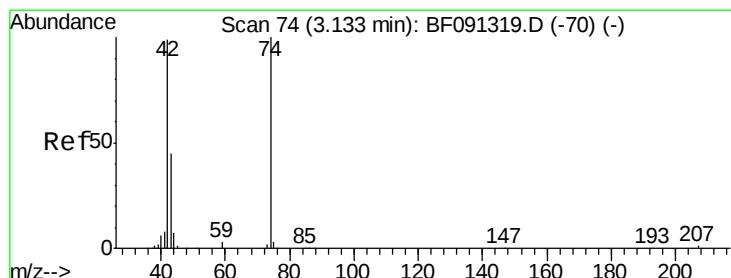
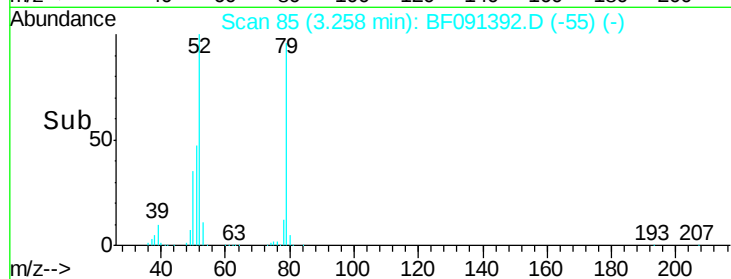
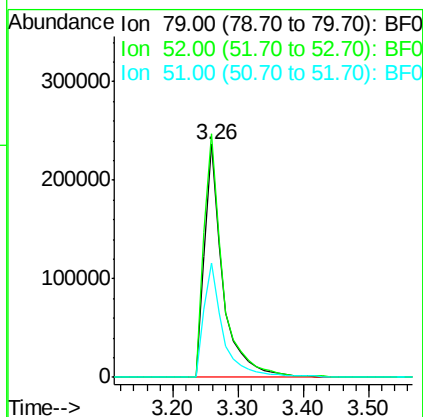
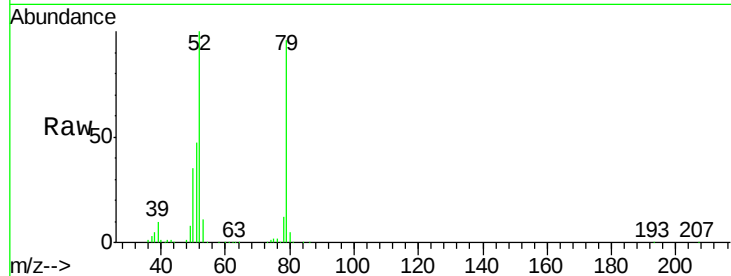
ClientSampleId :

PB95000BS

Tgt Ion:	79	Resp:	463357
Ion Ratio	Lower	Upper	
79	100		
52	104.4	71.0	106.4
51	49.0	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 34.79 ng

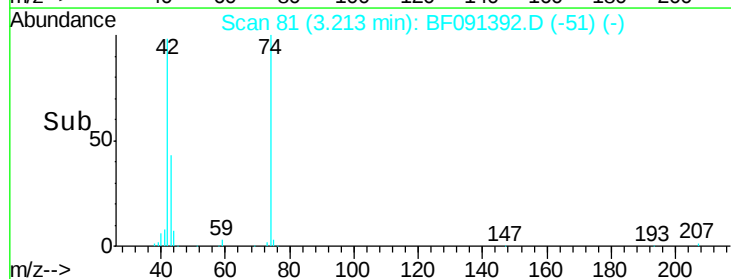
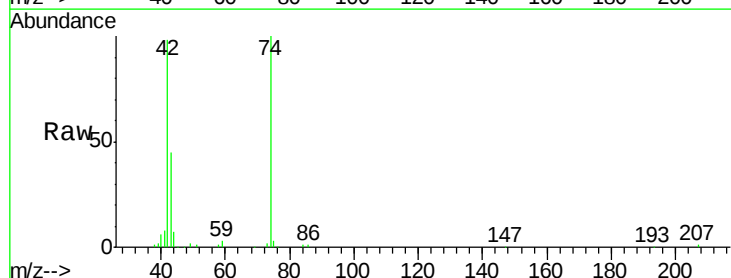
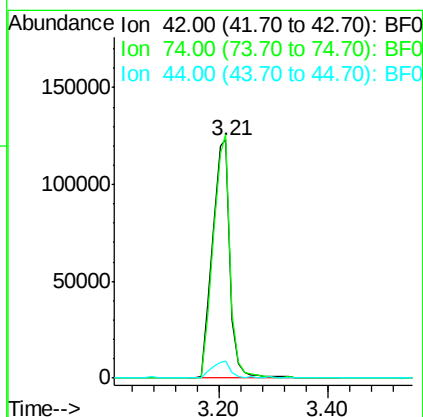
RT: 3.21 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Tgt Ion:	42	Resp:	282880
Ion Ratio	Lower	Upper	
42	100		
74	102.1	78.9	118.3
44	7.3	5.8	8.6





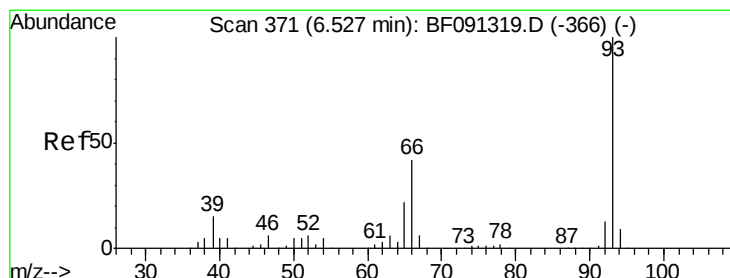
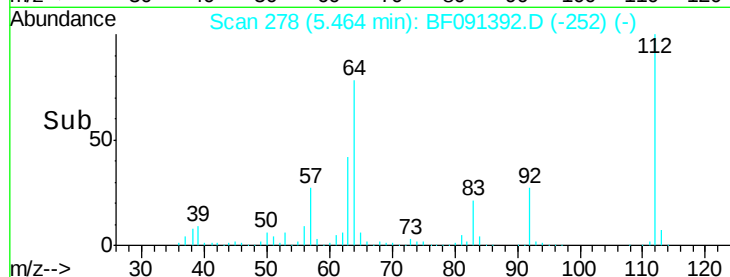
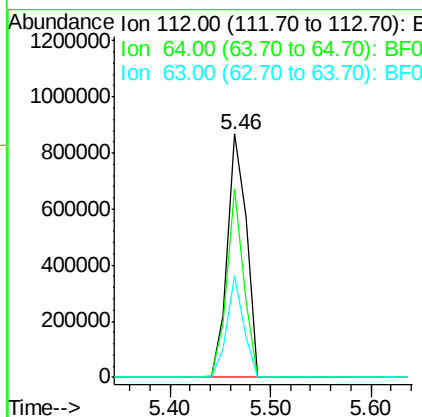
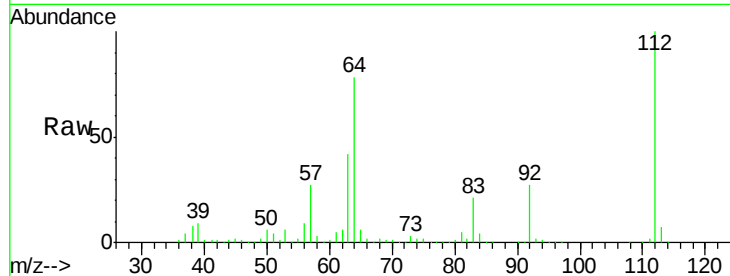
#5
2-Fluorophenol
Concen: 94.62 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1145203		
64	77.5	61.5	92.3	
63	41.7	33.3	49.9	

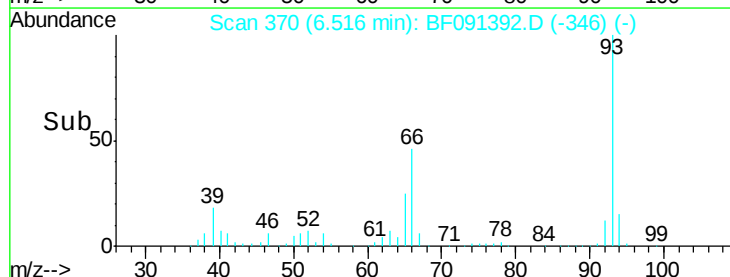
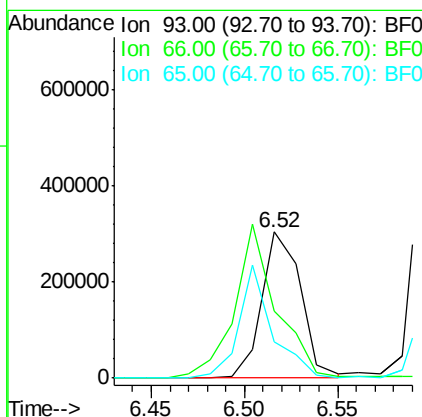
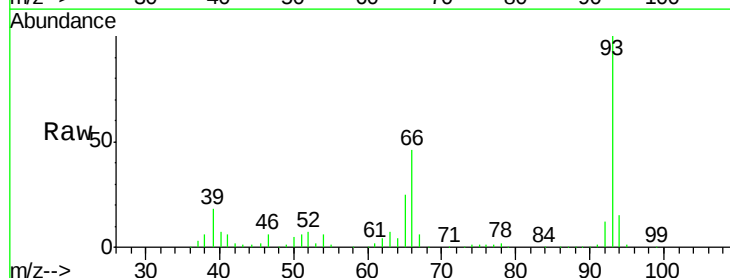
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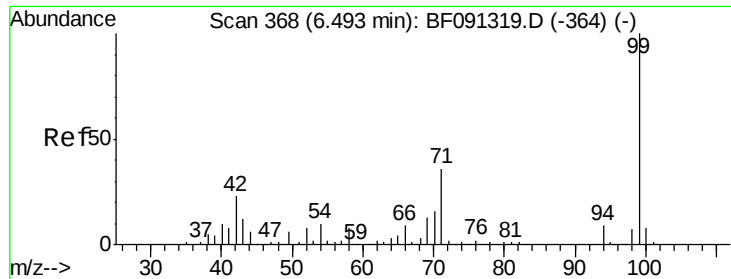
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#6
Aniline
Concen: 22.23 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	440000		
66	46.4	55.8	83.6#	
65	24.7	29.9	44.9#	





#7

Phenol-d6

Concen: 94.54 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

Tgt Ion: 99 Resp: 1408503

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

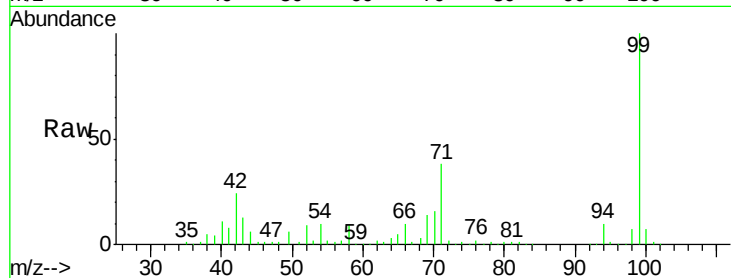
71 37.6 29.9 44.9

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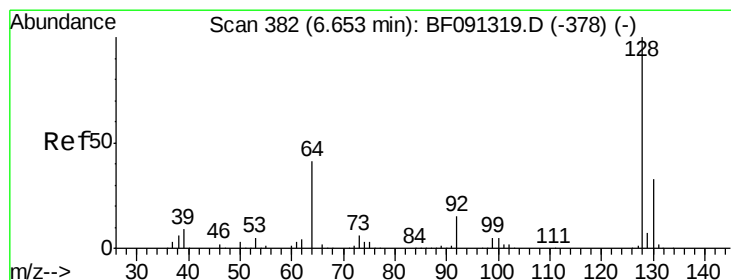
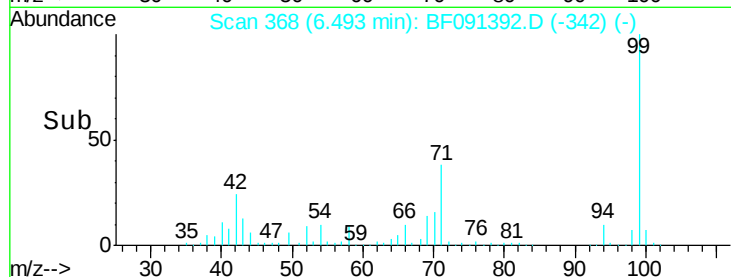
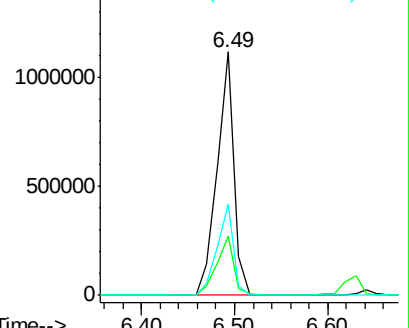
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.54 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

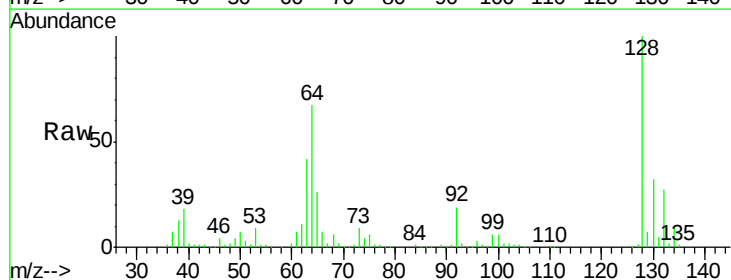
Tgt Ion: 128 Resp: 418570

Ion Ratio Lower Upper

128 100

130 32.0 13.1 53.1

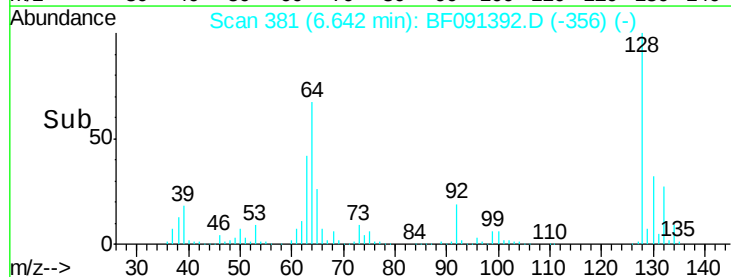
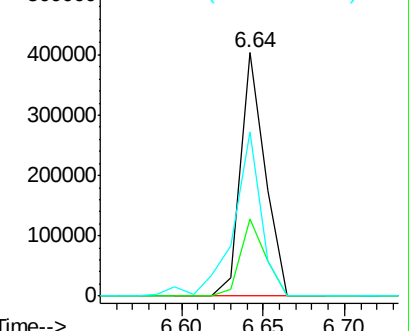
64 67.3 24.1 64.1#

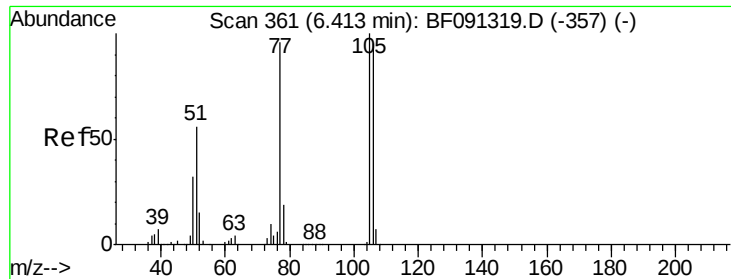


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.96 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

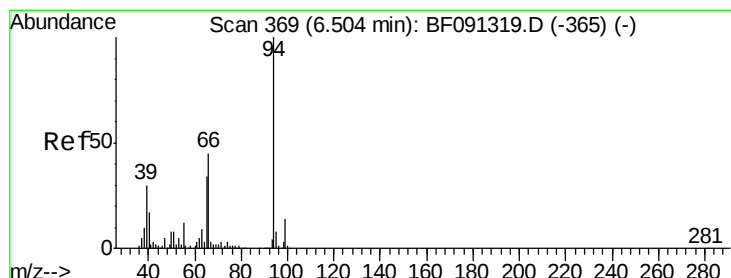
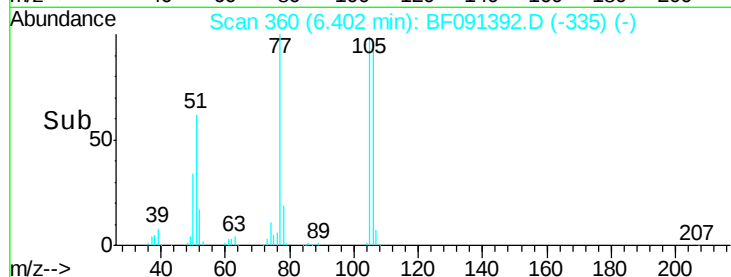
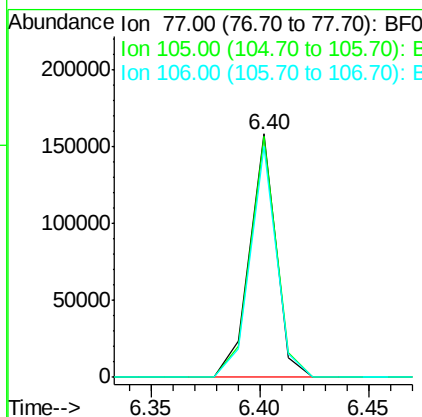
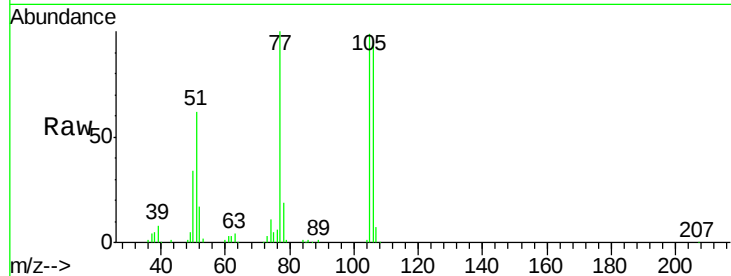
ClientSampleId :

PB95000BS

Tgt Ion:	77	Resp:	133724
Ion Ratio	Lower	Upper	
77	100		
105	99.0	66.4	106.4
106	94.6	60.9	100.9

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#10

Phenol

Concen: 32.32 ng

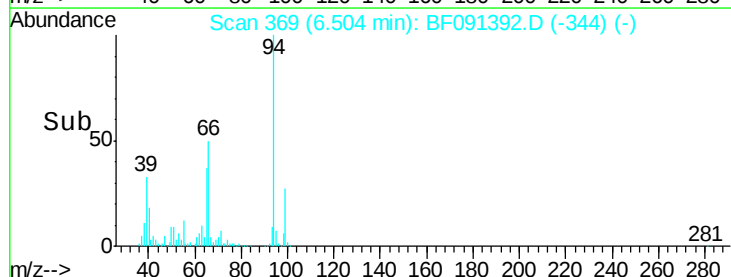
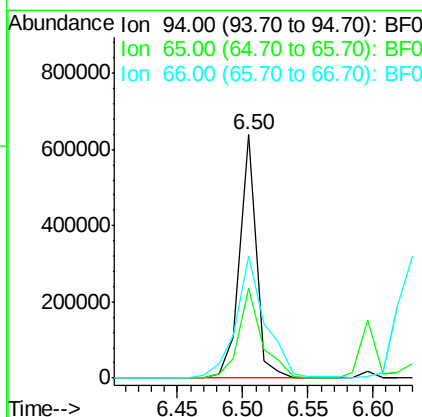
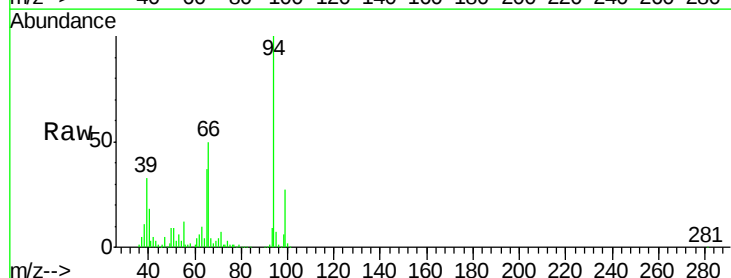
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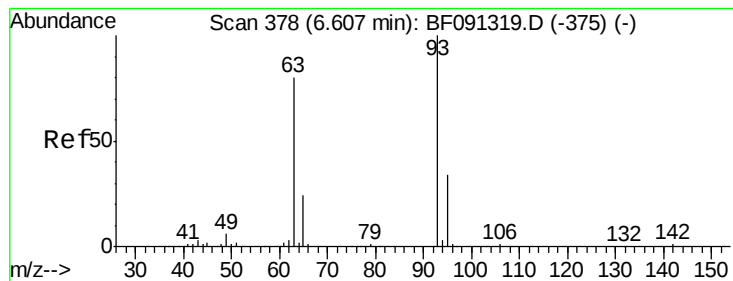
Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Tgt Ion:	94	Resp:	566684
Ion Ratio	Lower	Upper	
94	100		
65	36.8	16.9	56.9
66	50.2	30.6	70.6





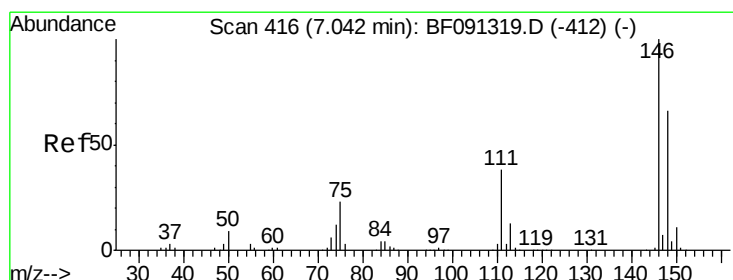
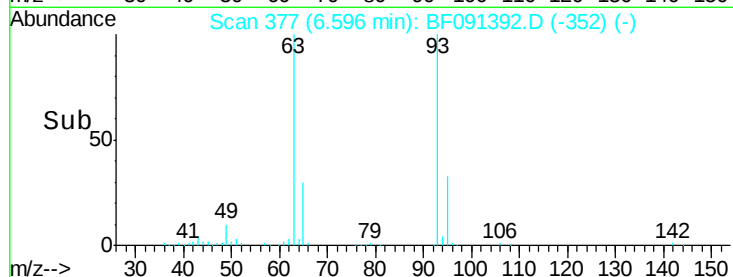
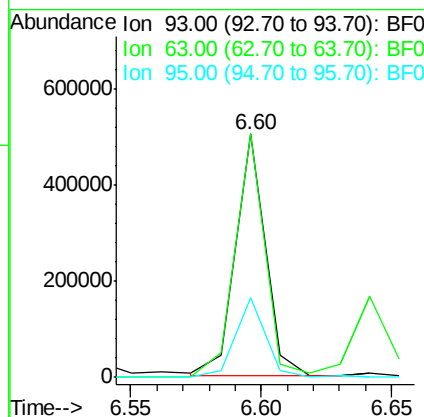
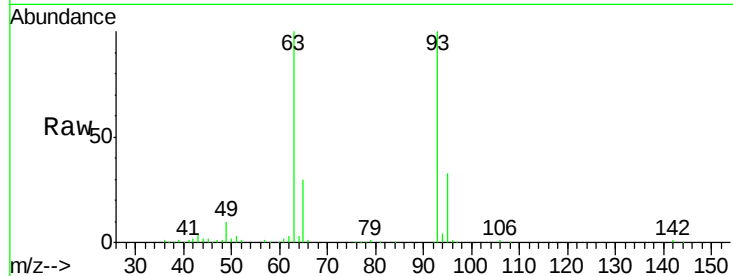
#11
bis(2-Chloroethyl)ether
Concen: 32.37 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	405507		
63	99.8	74.8	114.8	
95	32.7	12.4	52.4	

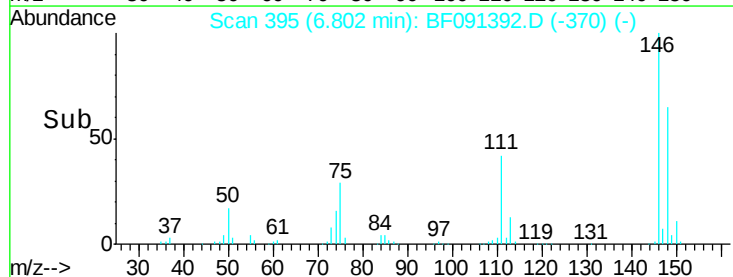
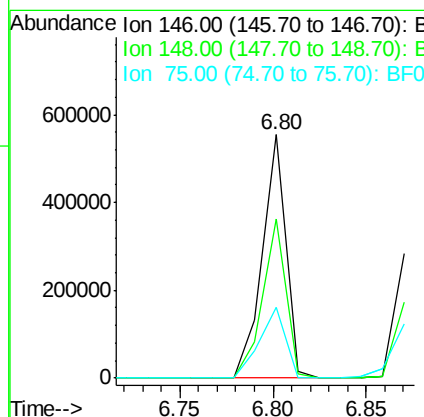
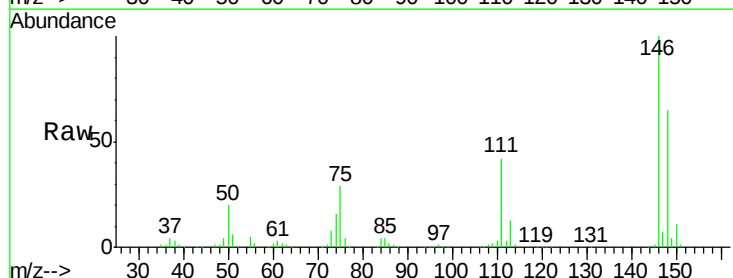
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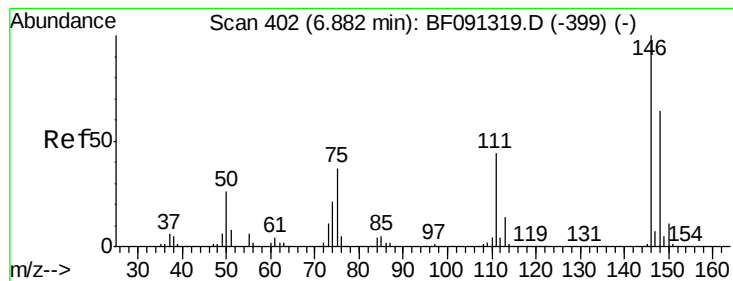
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12/5/2016 11:20:50 AM



#12
1,3-Dichlorobenzene
Concen: 32.73 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	483158		
148	65.2	51.4	77.0	
75	29.2	23.6	35.4	





#13

1,4-Dichlorobenzene

Concen: 32.91 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

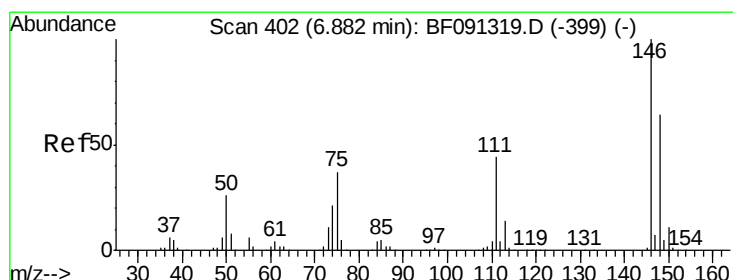
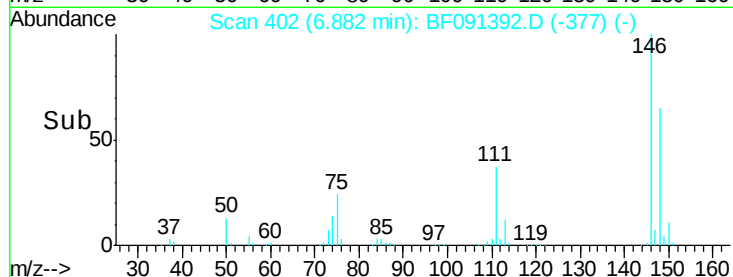
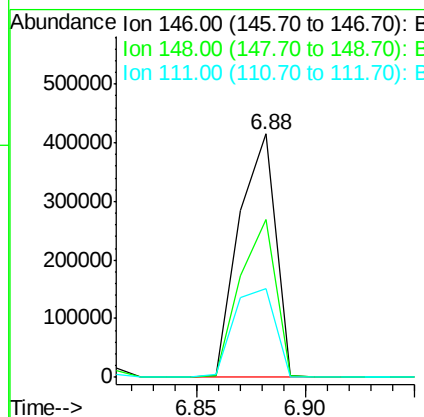
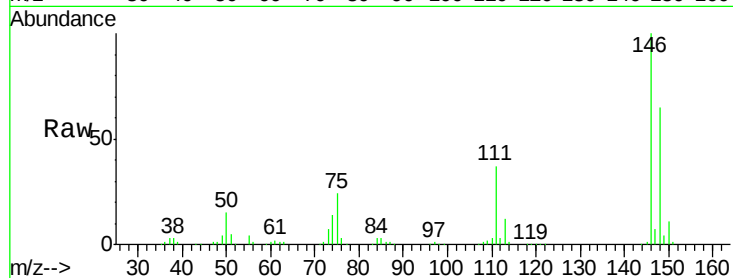
ClientSampleId :

PB95000BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	36.5	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 32.17 ng

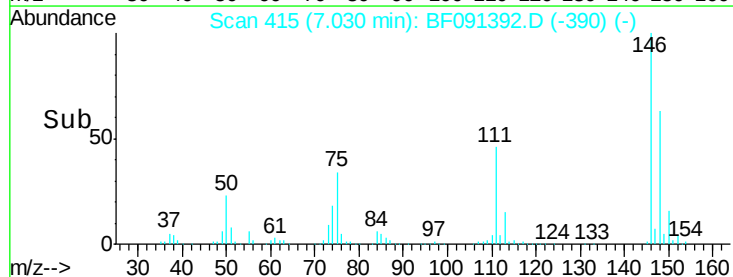
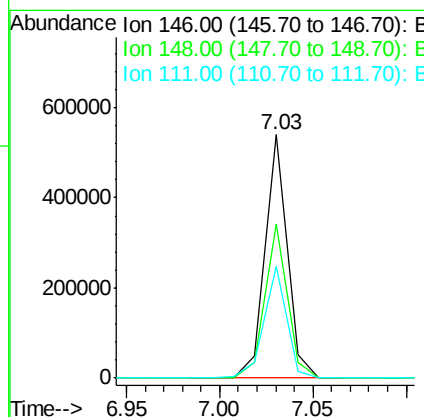
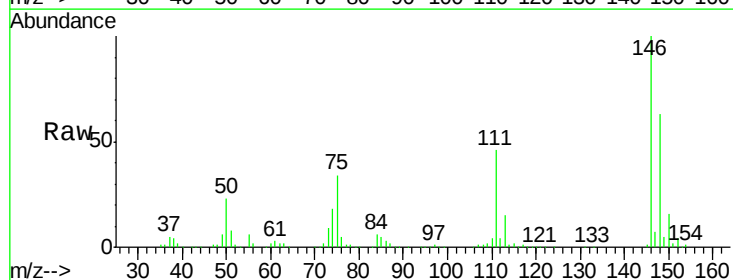
RT: 7.03 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	46.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 34.99 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

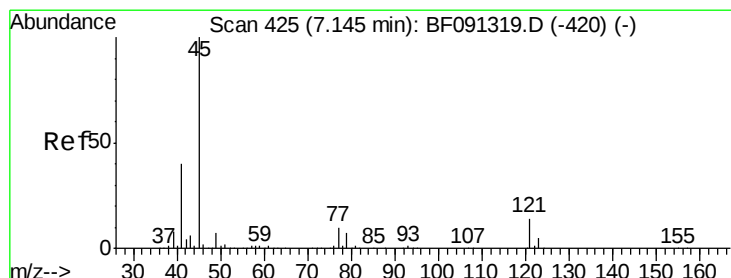
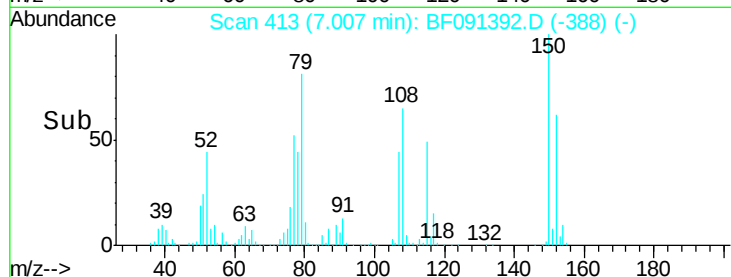
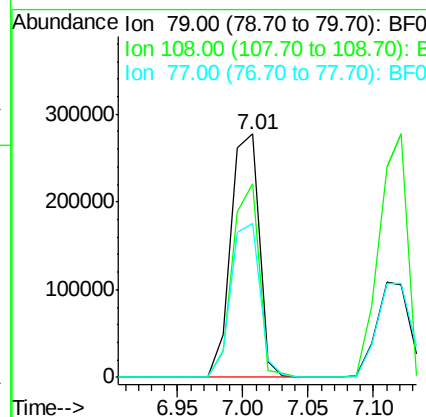
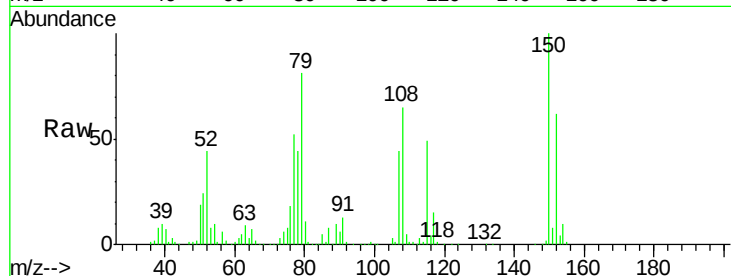
ClientSampleId :

PB95000BS

Tgt Ion:	79	Resp:	417166
Ion Ratio	Lower	Upper	
79	100		
108	79.7	62.7	94.1
77	63.5	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.78 ng

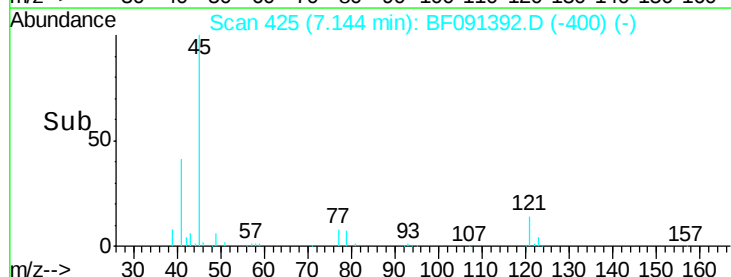
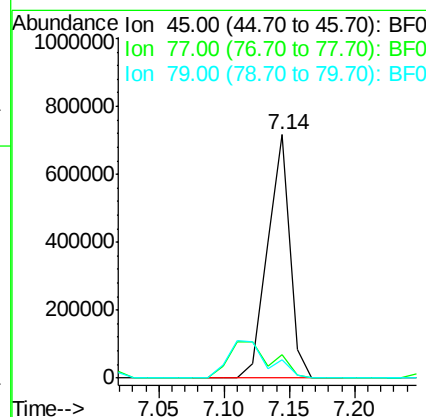
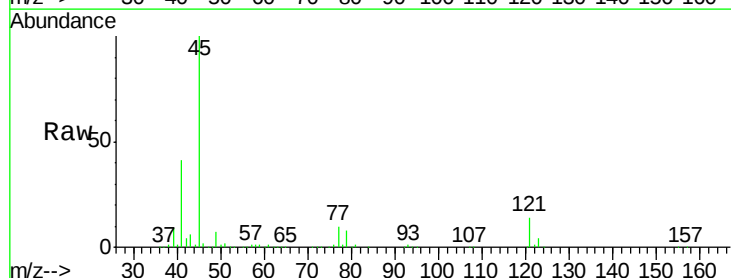
RT: 7.14 min Scan# 425

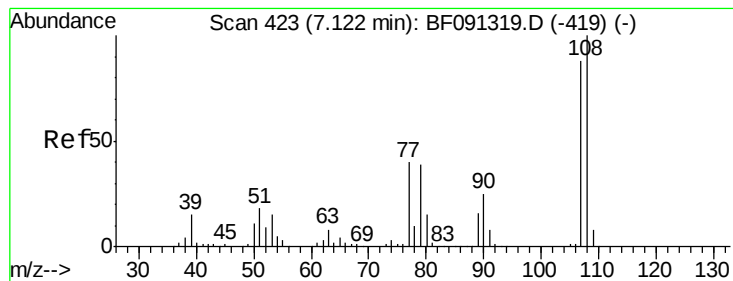
Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Tgt Ion:	45	Resp:	856051
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.6	0.2	40.2





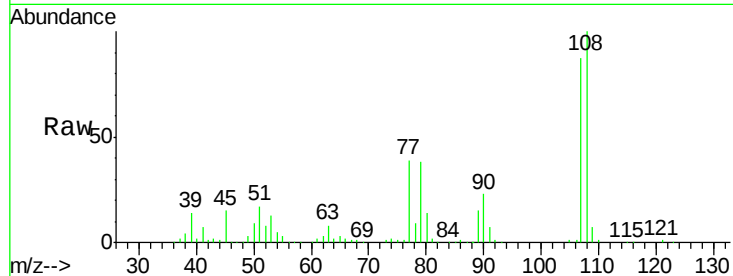
#17
2-Methylphenol
Concen: 34.32 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	359985		
108	115.0	67.7	101.5#	
77	44.6	40.7	61.1	
79	44.0	23.4	35.2#	

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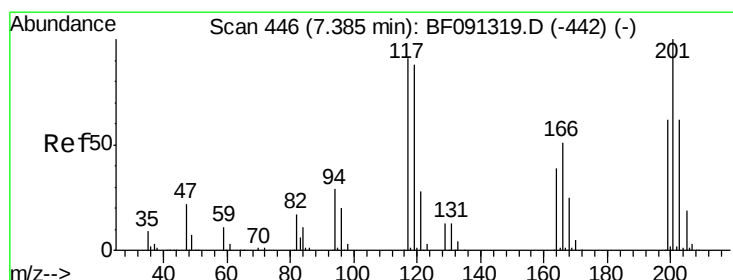
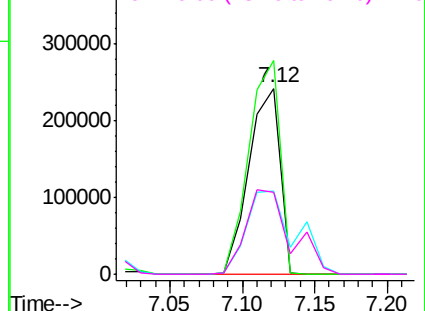
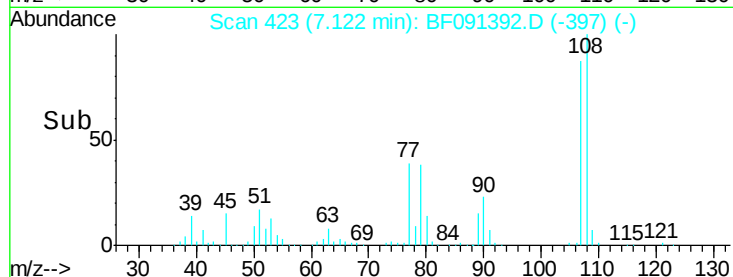
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

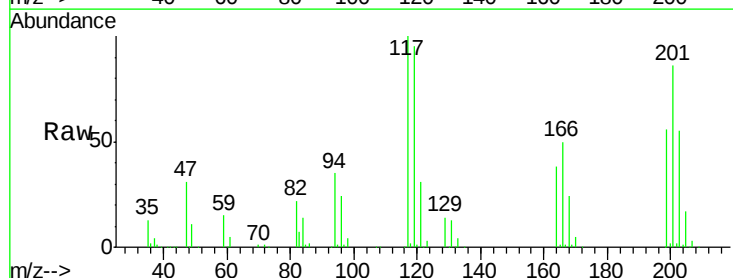
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 32.07 ng
RT: 7.37 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167198		
119	95.4	78.6	118.0	
201	86.4	86.7	130.1#	

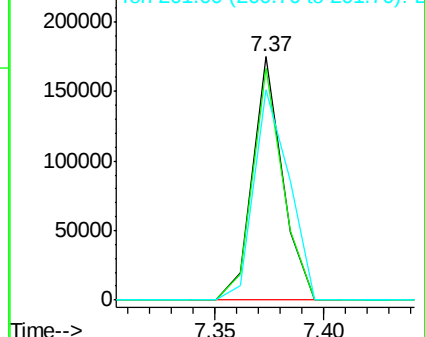
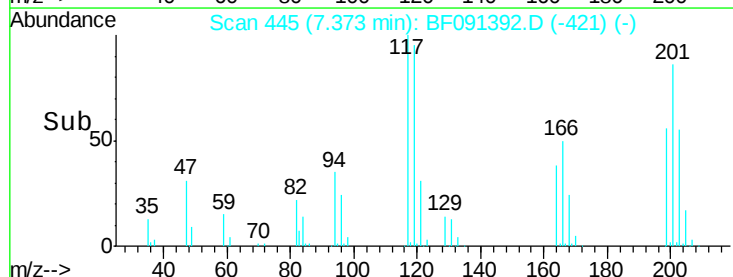


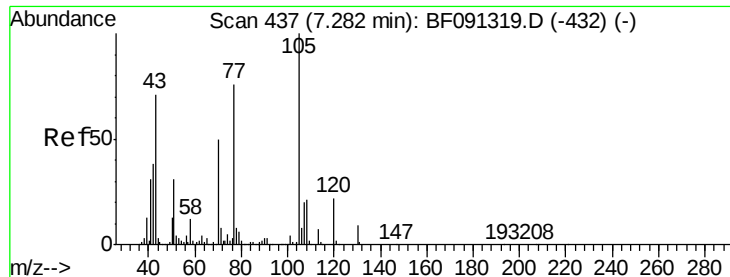
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





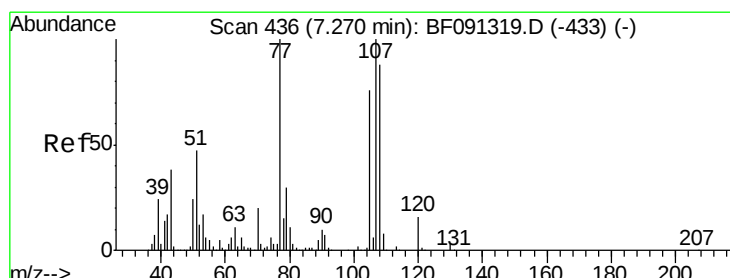
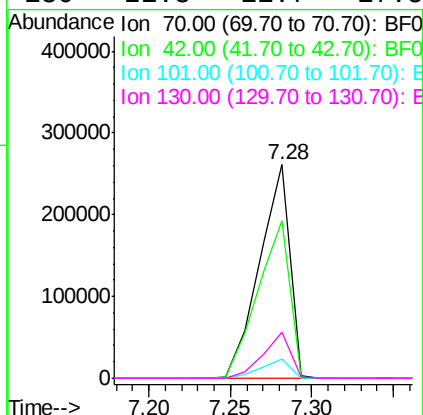
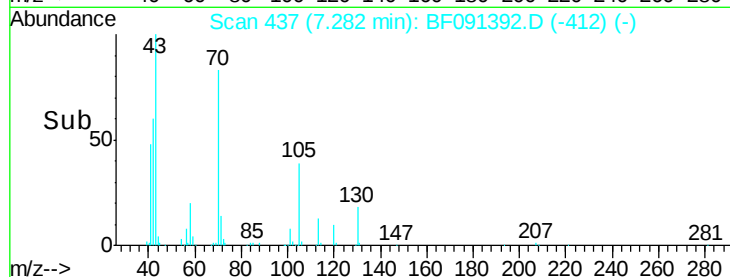
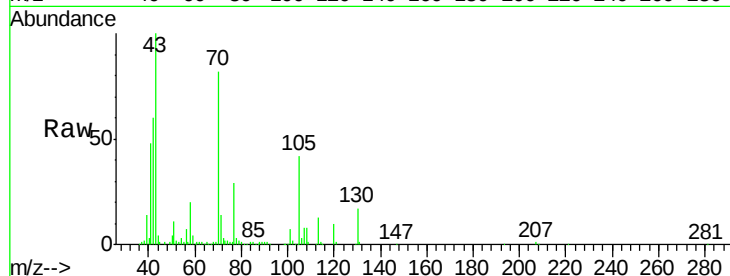
#19
n-Nitroso-di-n-propylamine
Concen: 35.81 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.6	64.8	97.2
101	9.1	6.2	9.4
130	21.3	11.7	17.5

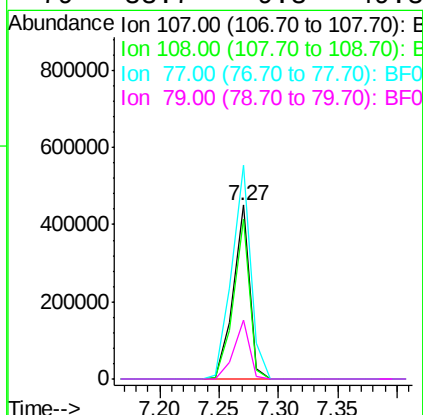
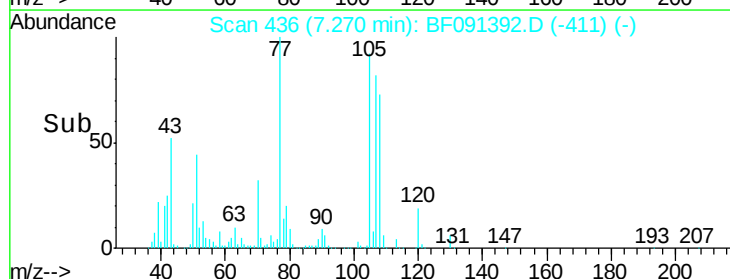
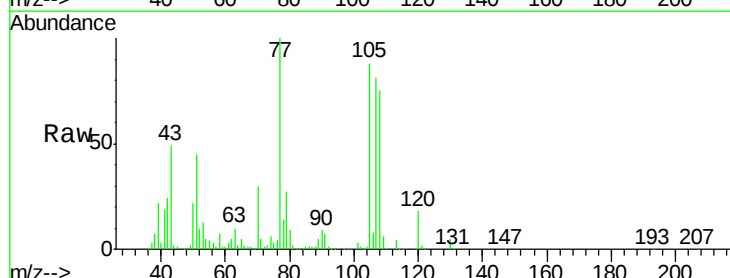
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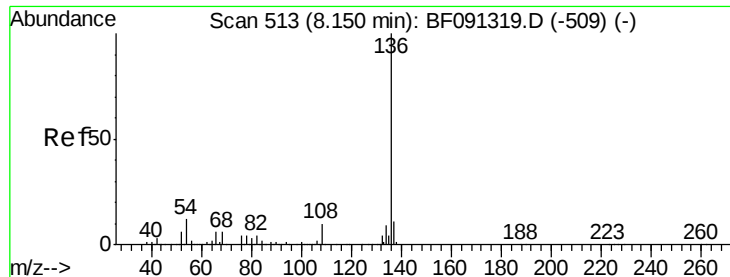
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#20
3+4-Methylphenols
Concen: 33.63 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	64.6	104.6
77	123.1	30.9	70.9
79	33.7	9.3	49.3





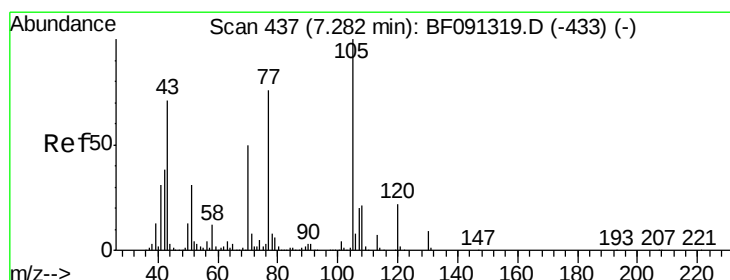
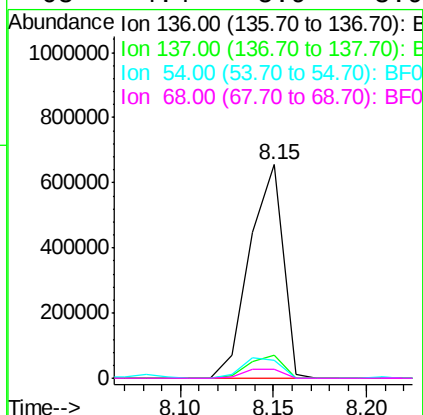
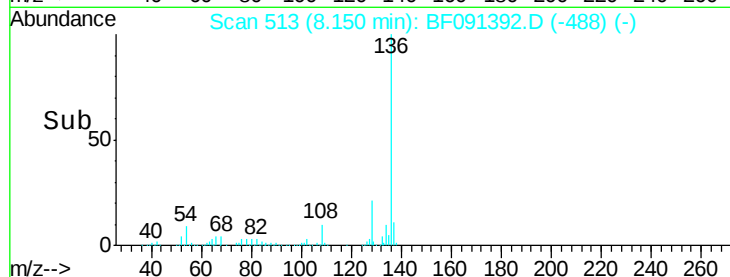
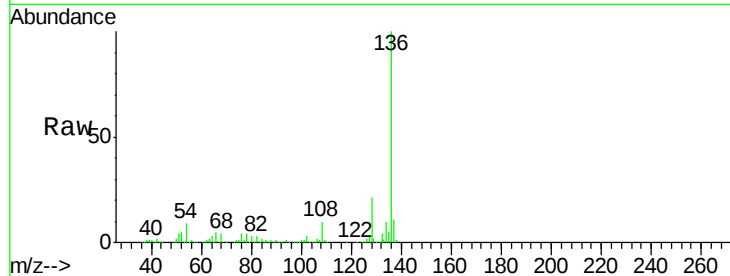
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.1	13.7
54	8.7	9.1	13.7#
68	4.4	5.9	8.9#

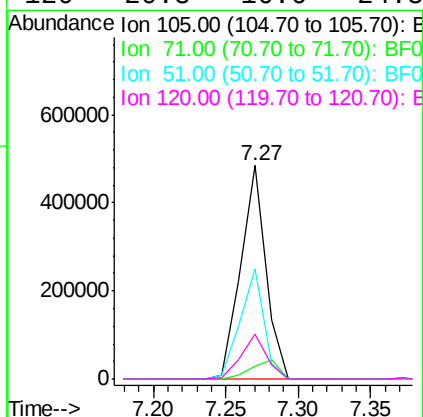
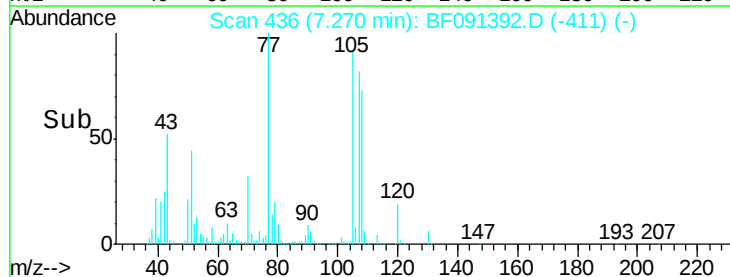
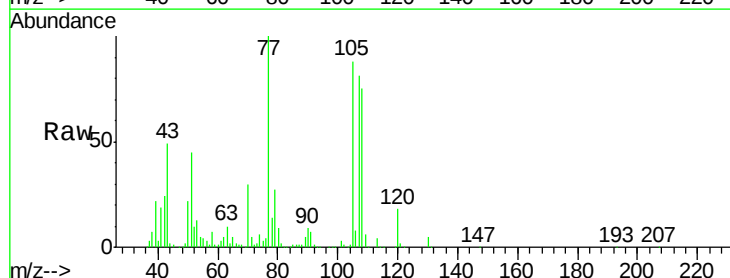
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#22
Acetophenone
Concen: 30.30 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.8	7.9	11.9#
51	51.3	24.5	36.7#
120	20.8	16.6	24.8





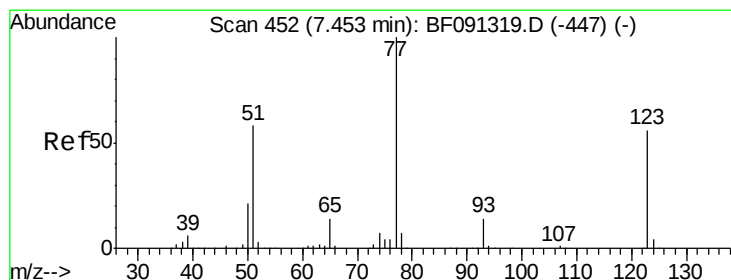
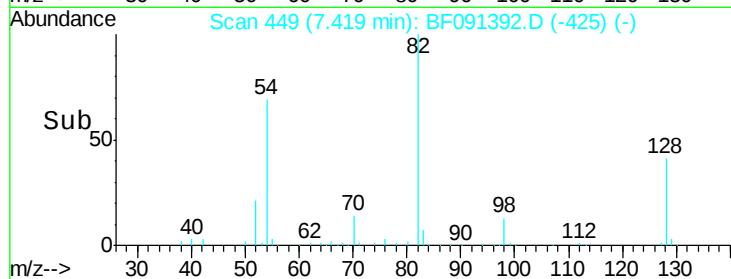
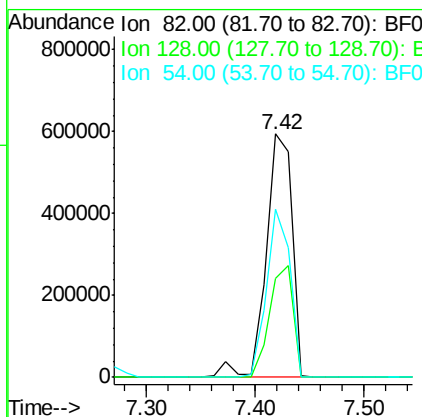
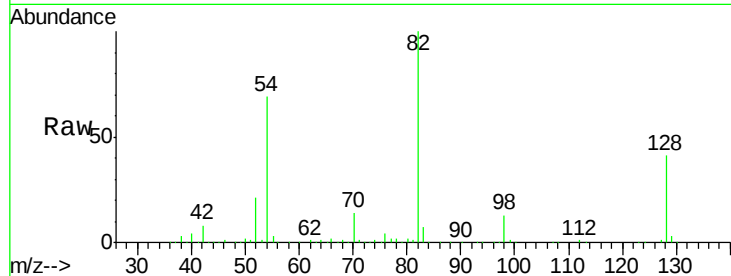
#23
Nitrobenzene-d5
Concen: 67.63 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.8	31.8	47.6
54	69.0	49.1	73.7

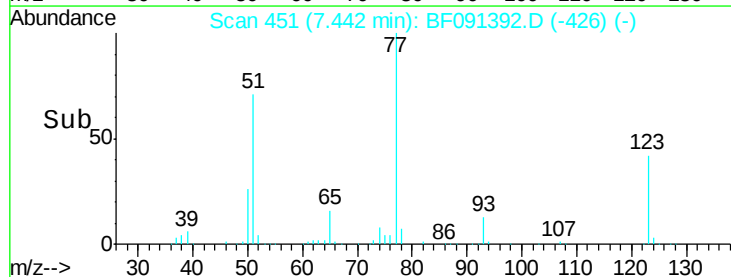
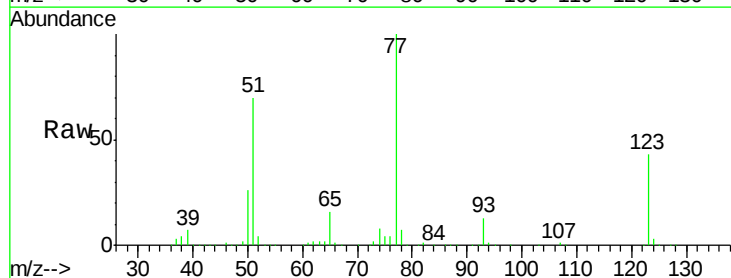
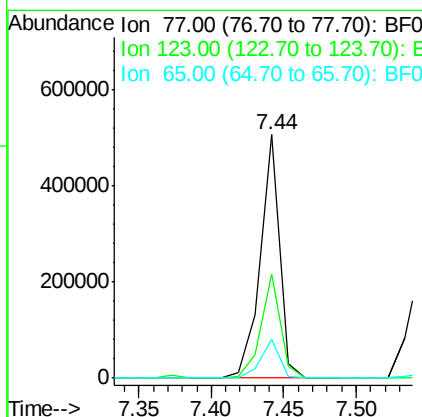
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#24
Nitrobenzene
Concen: 31.36 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	42.9	28.5	42.7#
65	15.8	12.5	18.7





#25

Isophorone

Concen: 33.70 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

Tgt Ion: 82 Resp: 866494

Ion Ratio Lower Upper

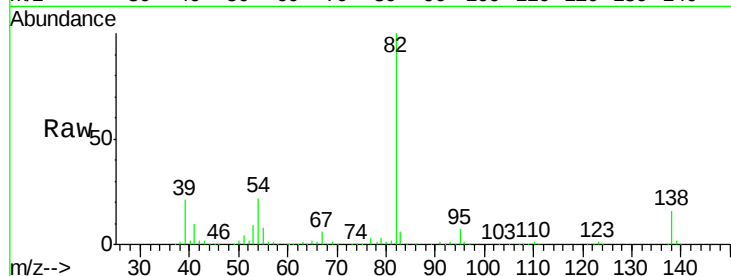
82 100

95 7.4 5.7 8.5

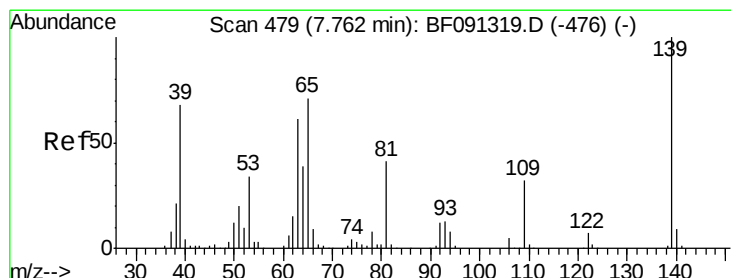
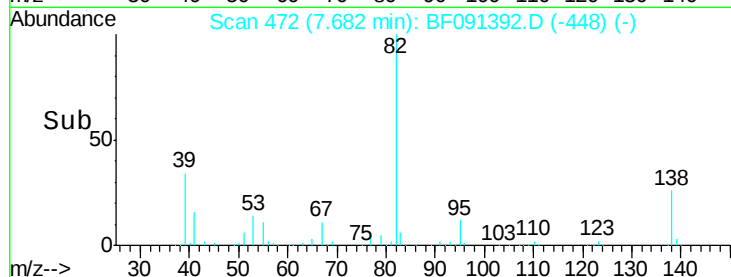
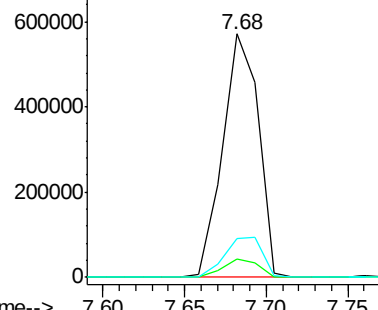
138 15.8 13.4 20.0

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



#26

2-Nitrophenol

Concen: 36.16 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

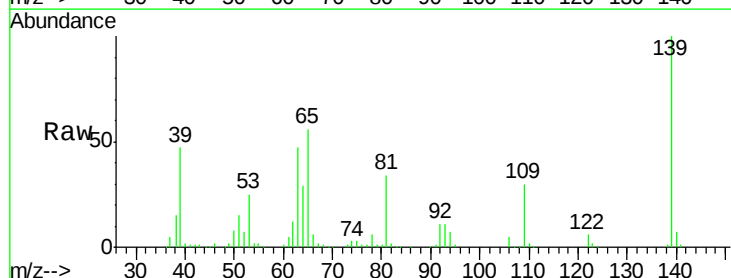
Tgt Ion: 139 Resp: 244891

Ion Ratio Lower Upper

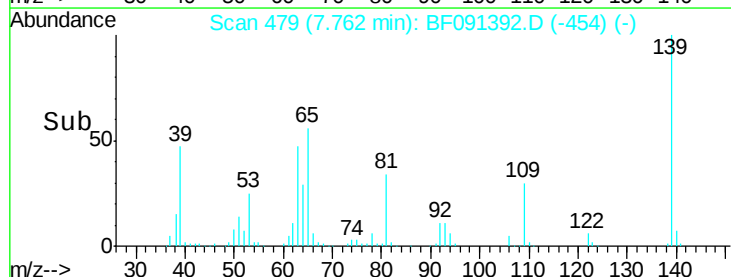
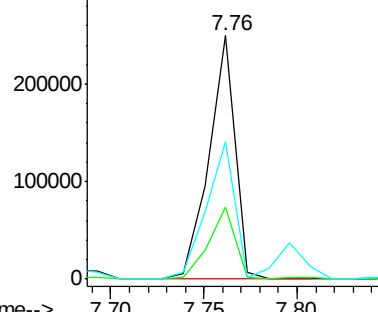
139 100

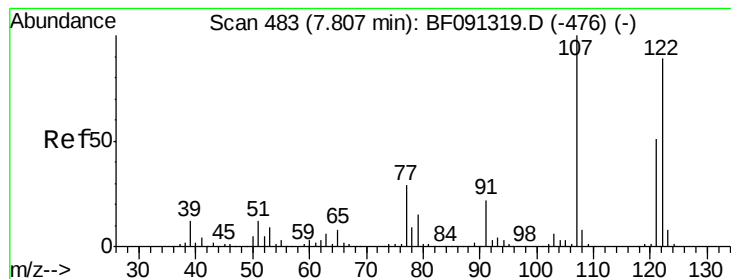
109 29.8 25.3 37.9

65 56.3 55.4 83.2



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





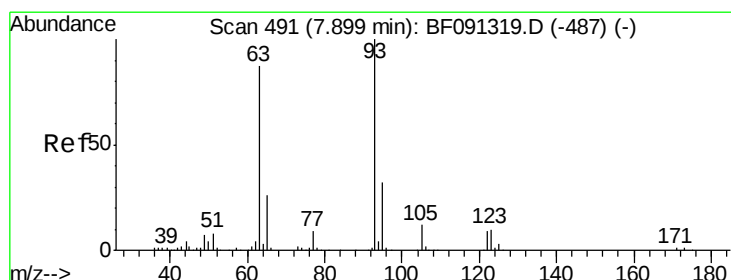
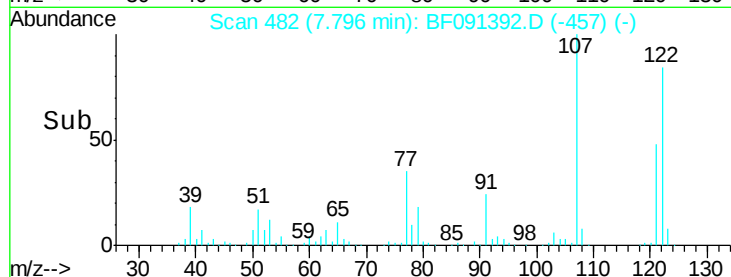
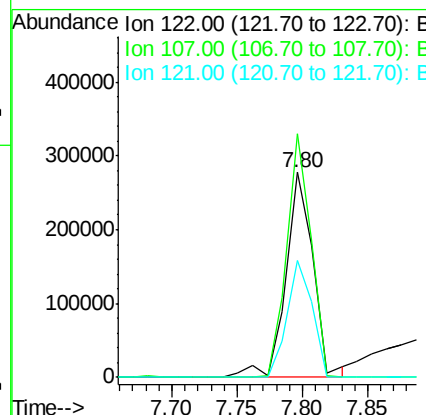
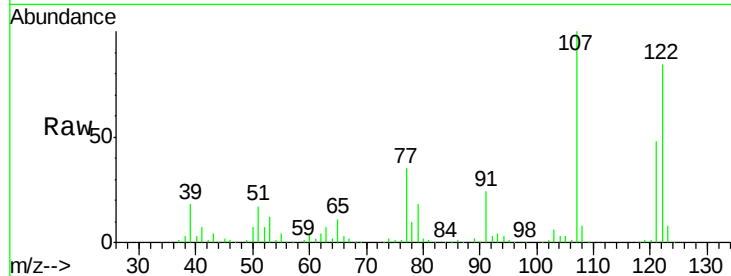
#27
 2,4-Dimethylphenol
 Concen: 32.03 ng
 RT: 7.80 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion: 122 Resp: 405749
 Ion Ratio Lower Upper
 122 100
 107 118.7 96.8 145.2
 121 57.0 47.7 71.5

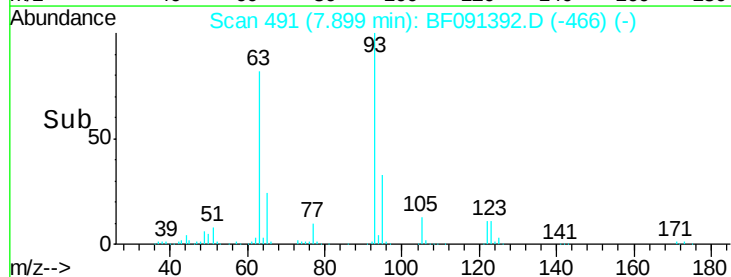
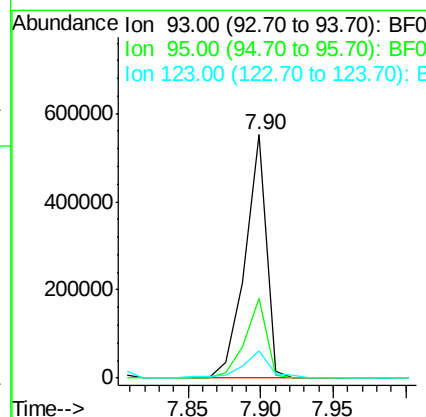
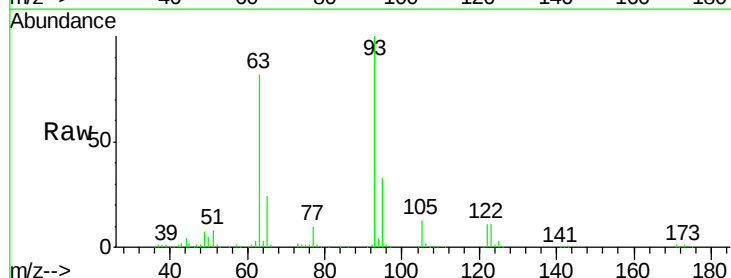
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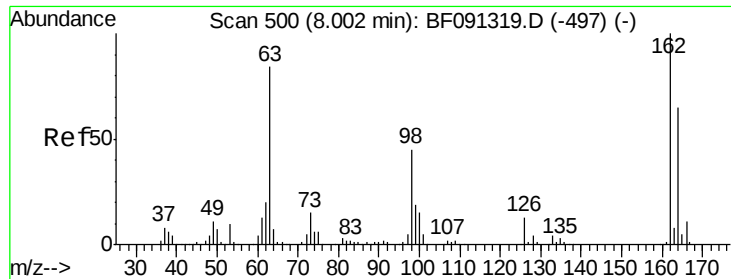
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.47 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion: 93 Resp: 564387
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.4 8.6 12.8





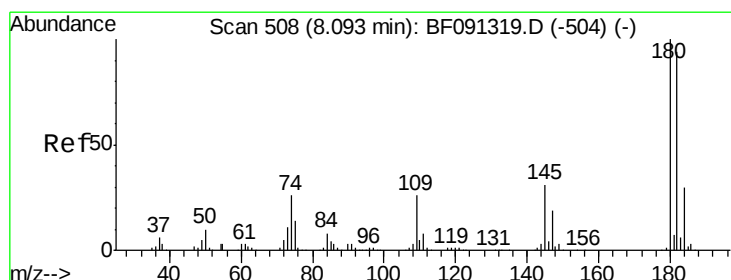
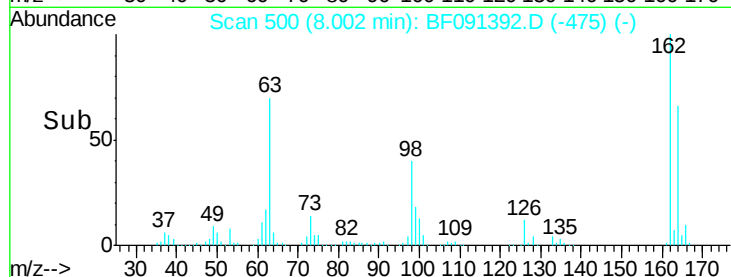
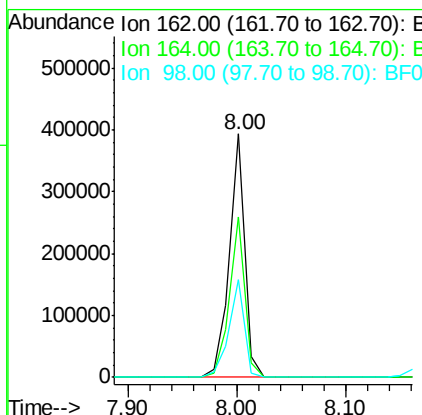
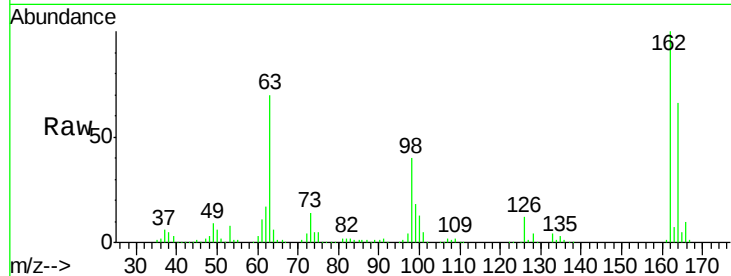
#29
2,4-Dichlorophenol
Concen: 34.35 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleID :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	382787		
164	65.7	45.0	85.0	
98	39.9	21.3	61.3	

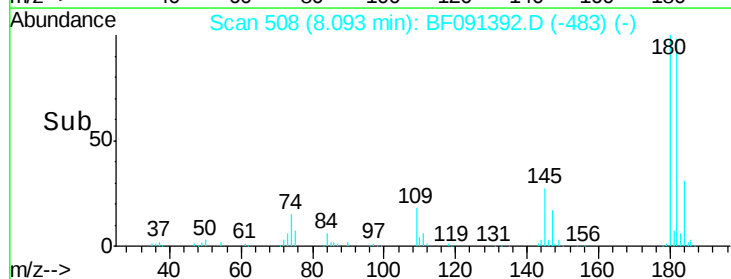
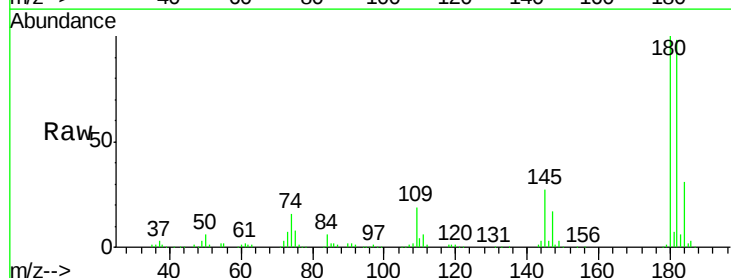
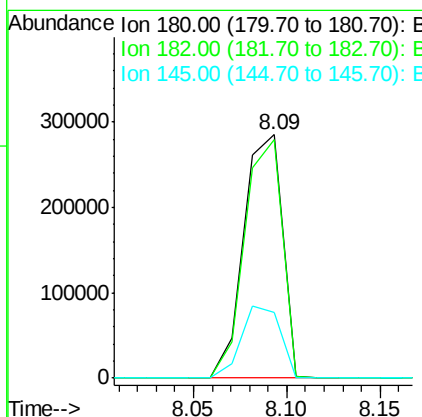
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#30
1,2,4-Trichlorobenzene
Concen: 32.72 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	408789		
182	98.0	75.8	113.8	
145	27.2	27.0	40.4	





#31

Naphthalene

Concen: 32.06 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

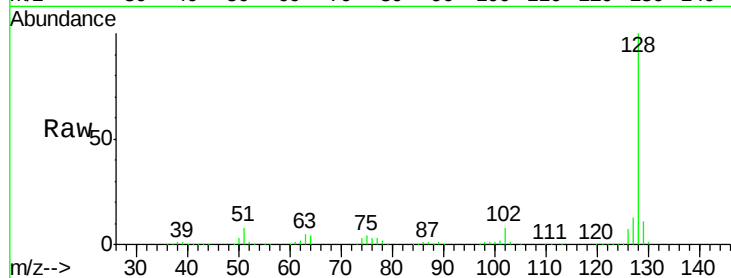
ClientSampleId :

PB95000BS

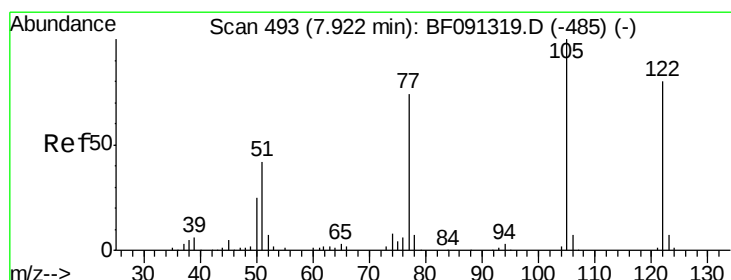
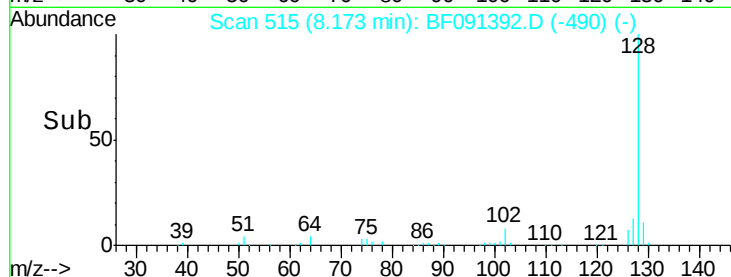
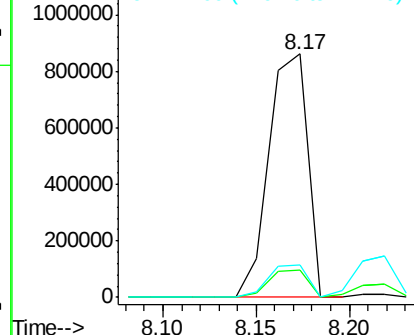
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.2	11.0	16.4

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



#32

Benzoic acid

Concen: 31.56 ng

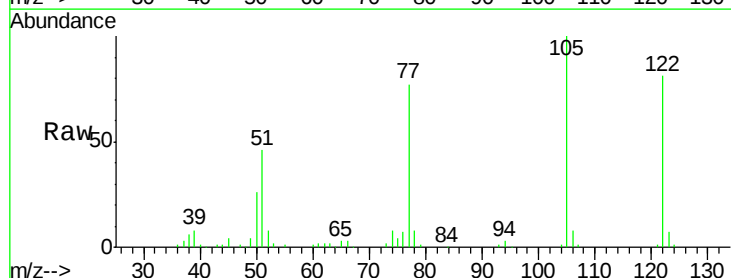
RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

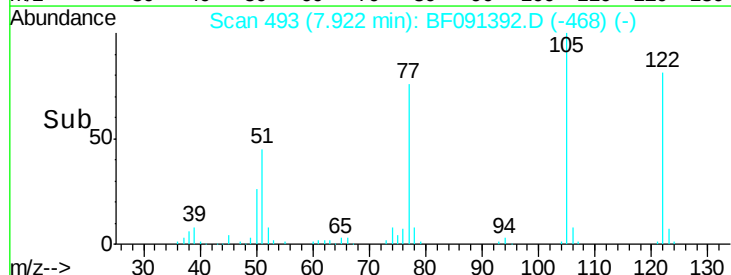
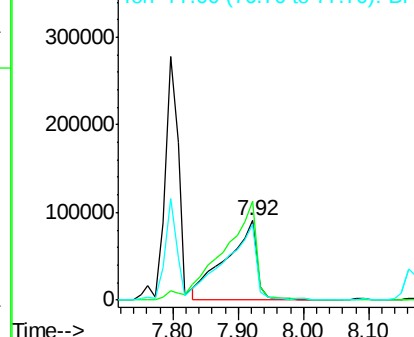
Lab File: BF091392.D

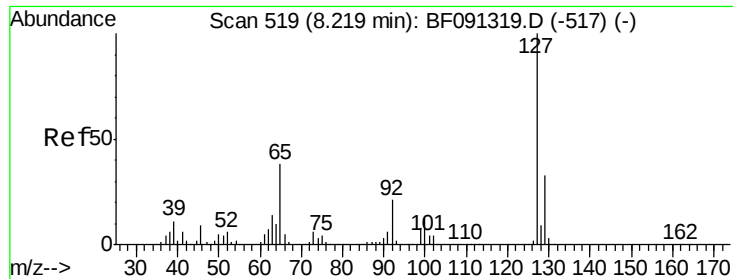
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	113.0	153.0
77	95.1	82.0	122.0



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





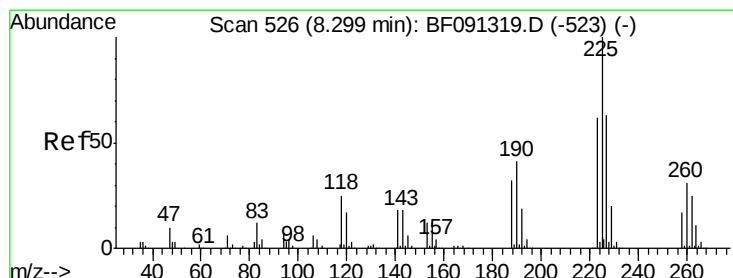
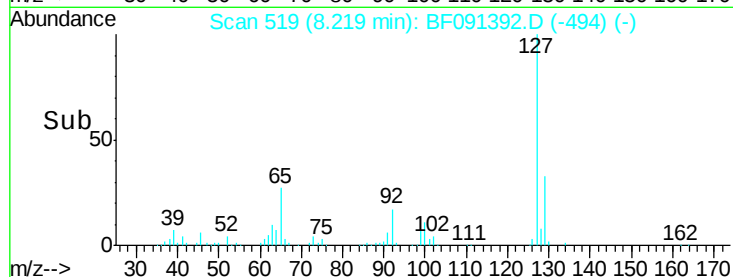
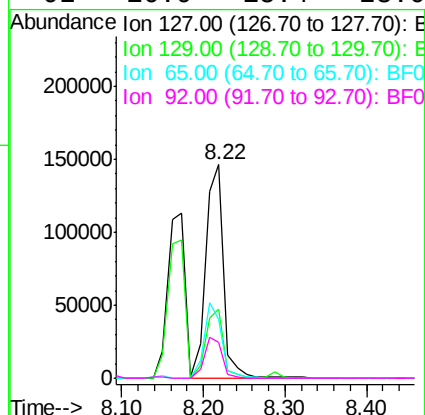
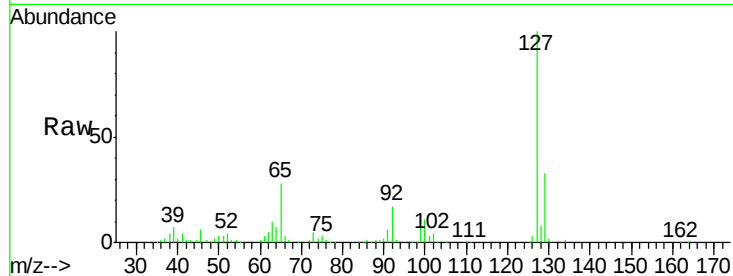
#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	225104		
129	32.5	26.2	39.4	
65	27.8	26.6	39.8	
92	16.9	15.4	23.0	

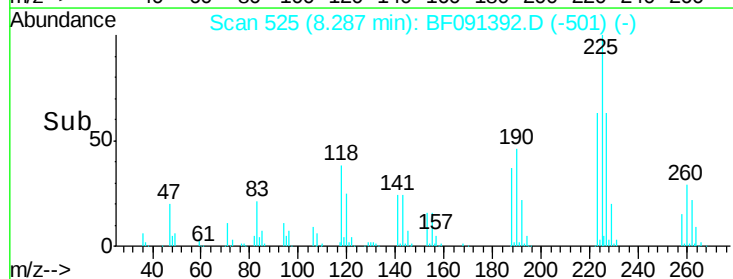
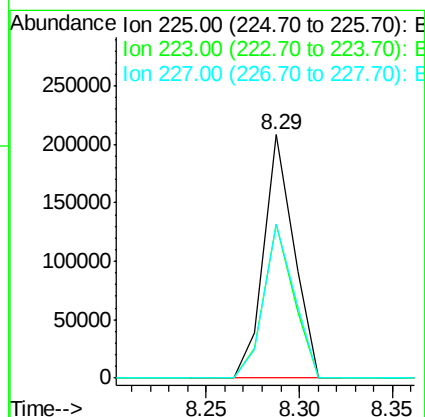
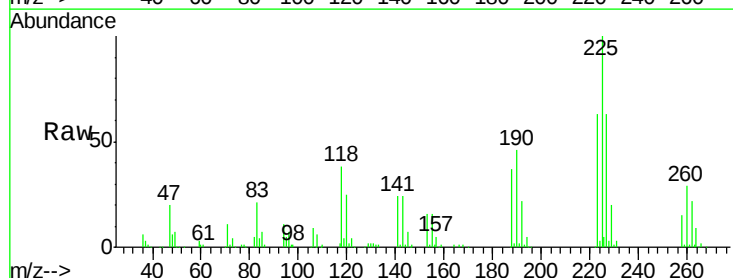
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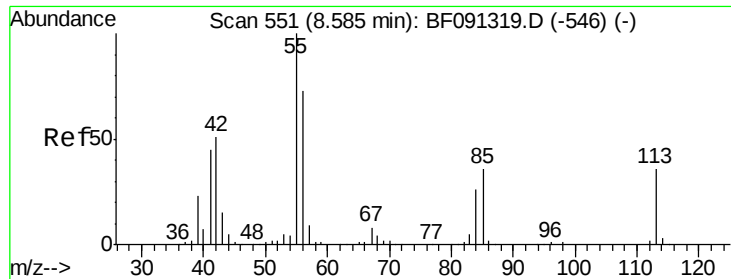
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#34
Hexachlorobutadiene
Concen: 30.32 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	232926		
223	63.3	49.8	74.6	
227	63.4	52.6	79.0	





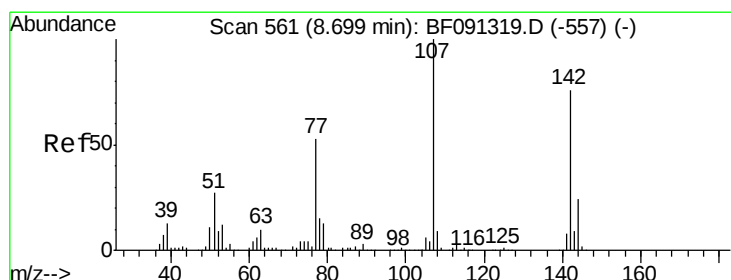
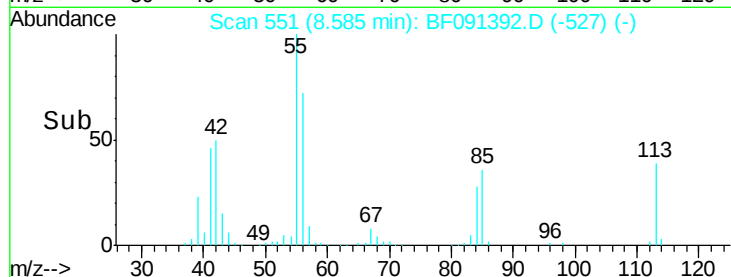
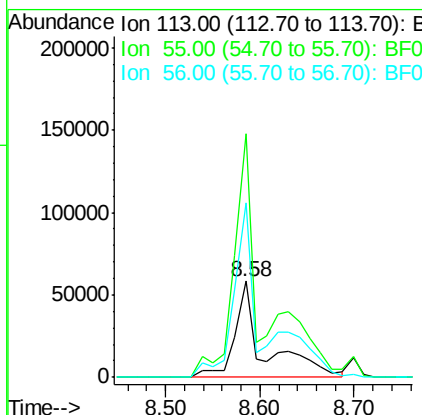
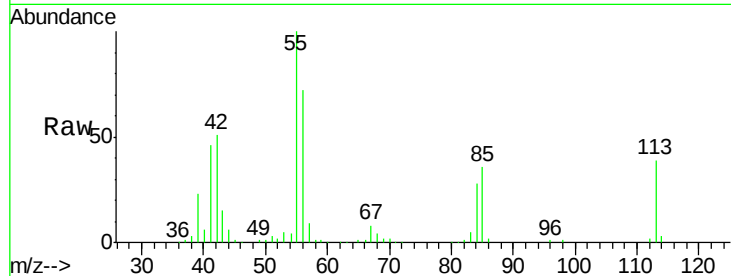
#35
 Caprolactam
 Concen: 39.29 ng m
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	253.5	239.8	279.8	
56	182.1	165.6	205.6	

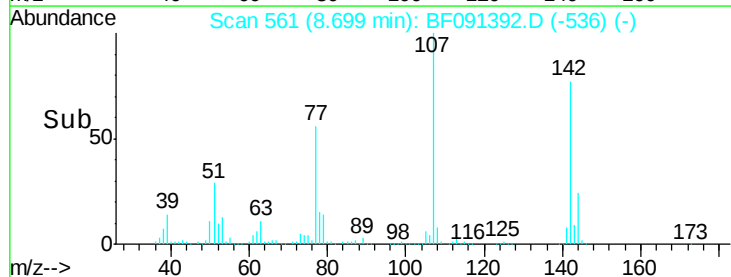
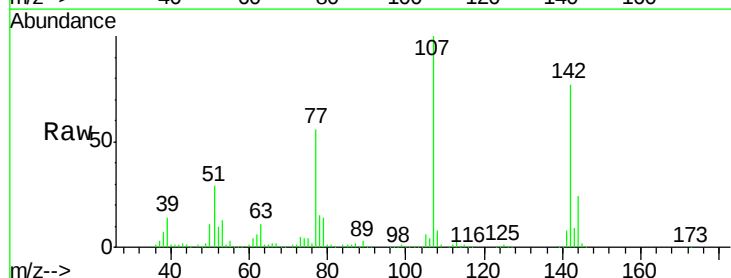
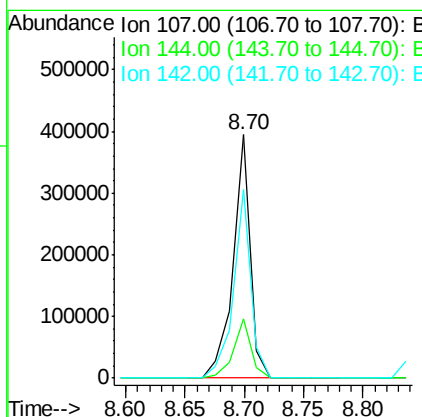
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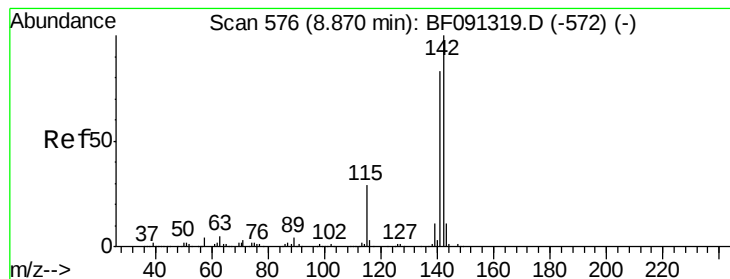
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#36
 4-Chloro-3-methylphenol
 Concen: 32.91 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.2	18.9	28.3	
142	77.3	58.5	87.7	





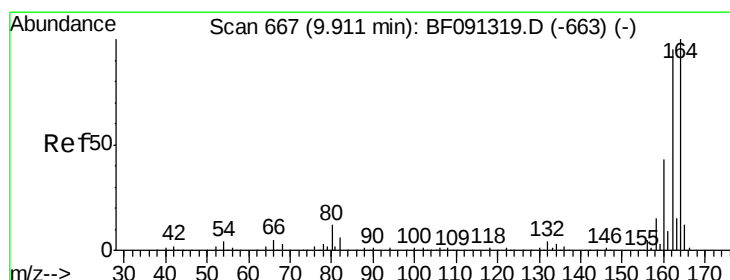
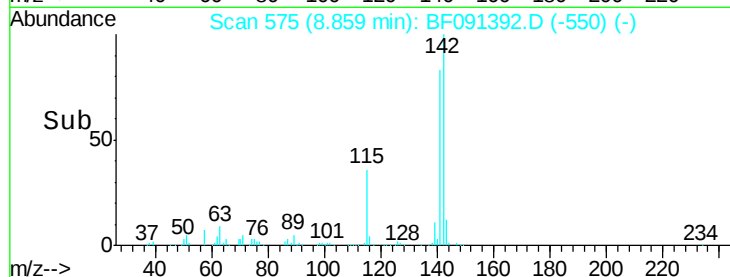
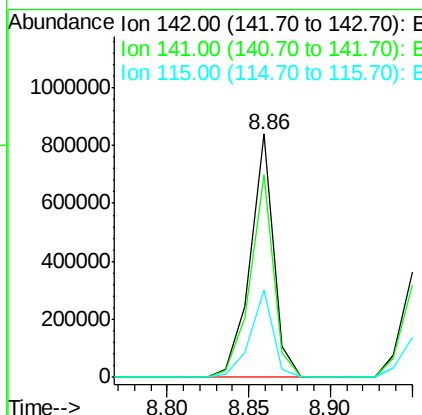
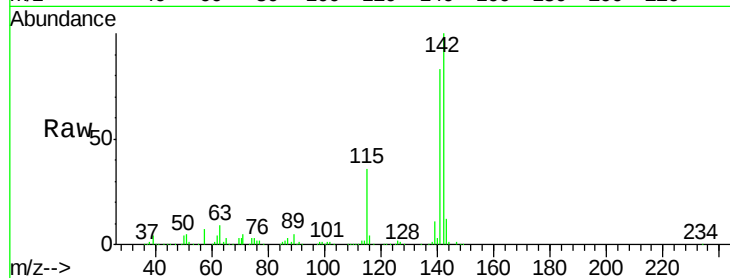
#37
 2-Methylnaphthalene
 Concen: 31.81 ng
 RT: 8.86 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.2	71.7	107.5
115	35.8	25.0	37.6

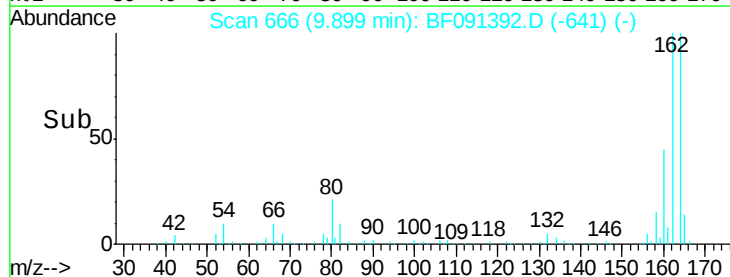
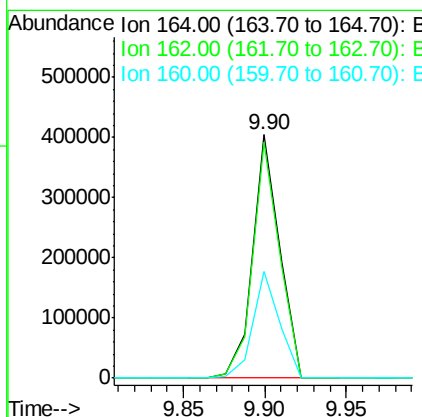
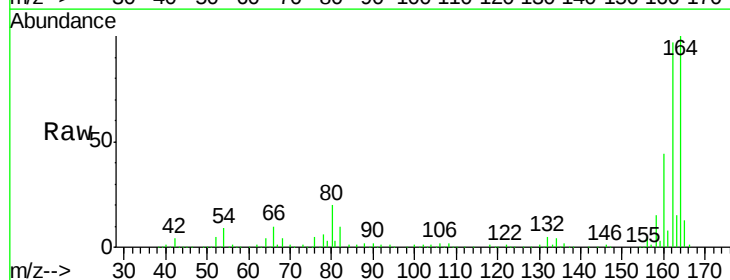
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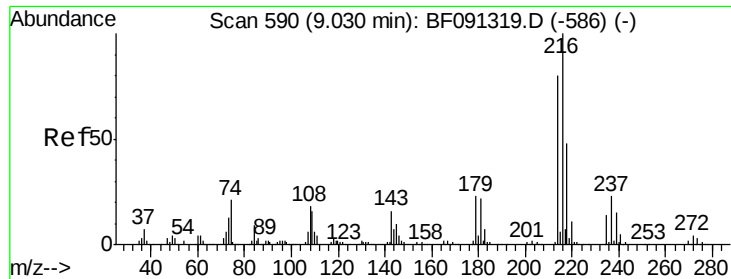
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	82.6	124.0
160	43.7	36.7	55.1





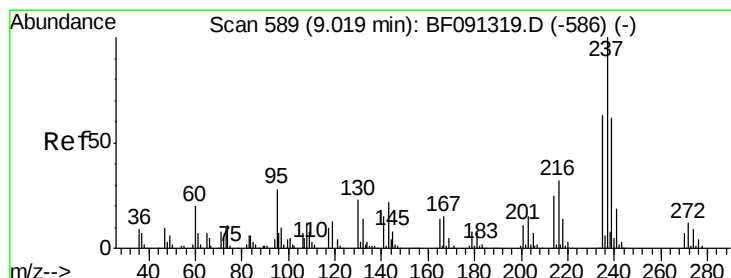
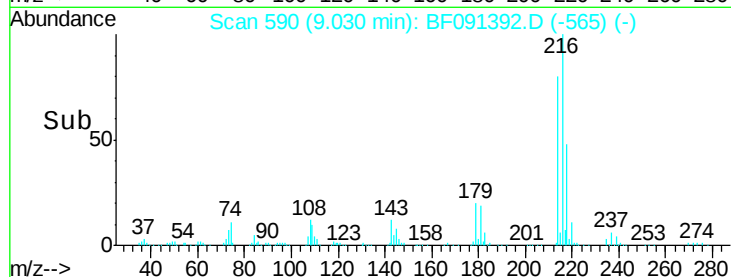
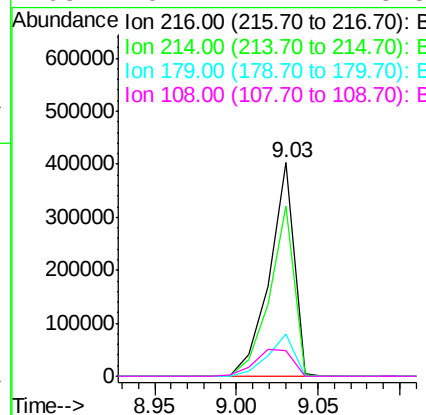
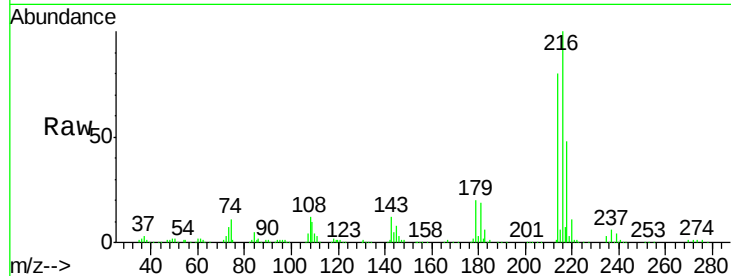
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.27 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion:	216	Resp:	422616
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.8	95.8
179	21.2	18.2	27.2
108	19.2	17.2	25.8

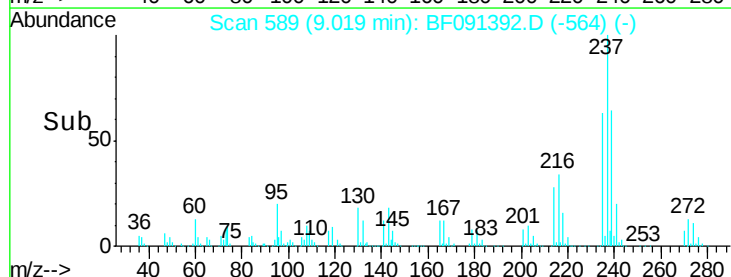
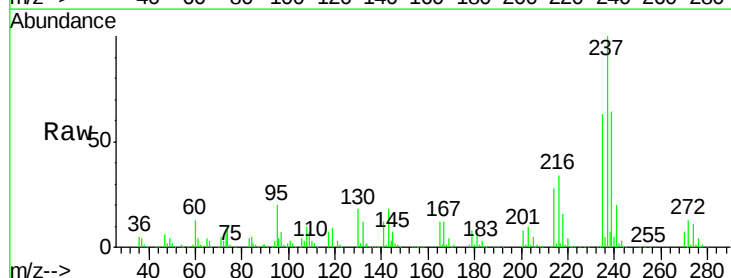
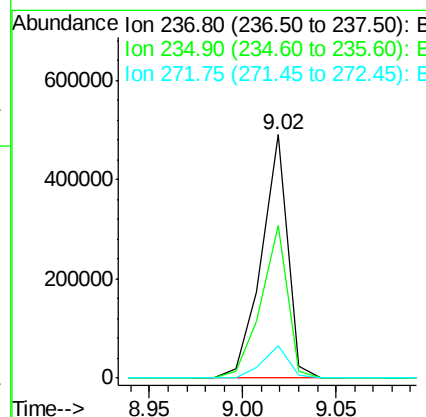
Manual Integrations
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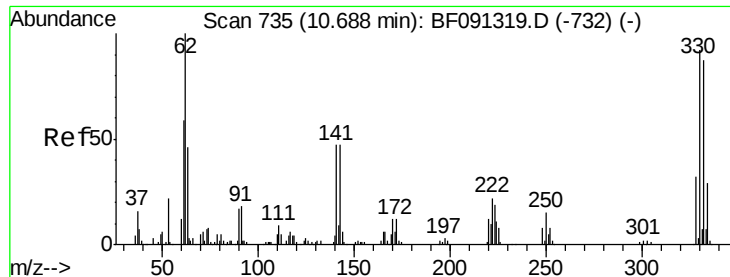
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#40
 Hexachlorocyclopentadiene
 Concen: 80.00 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:	237	Resp:	485689
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.9	83.9
272	13.5	0.0	33.1





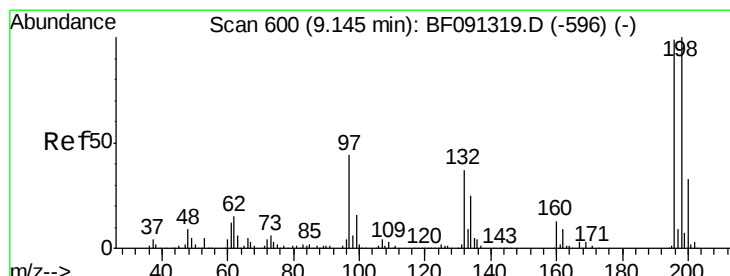
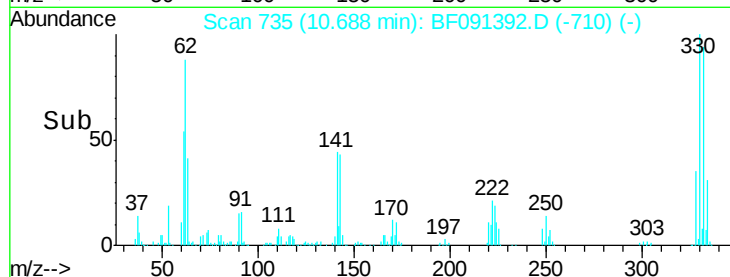
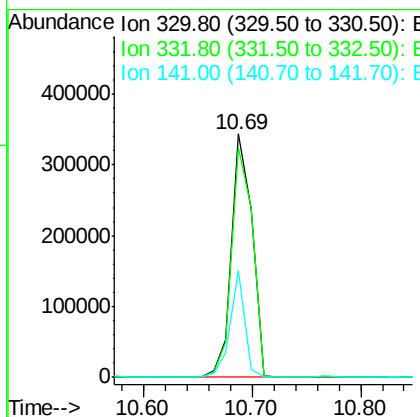
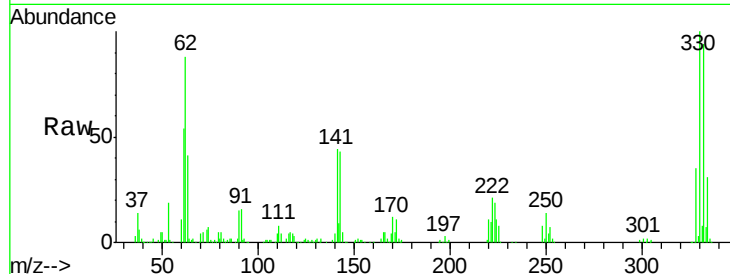
#41
 2,4,6-Tribromophenol
 Concen: 100.92 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	443904		
332	96.2	76.2	114.4	
141	31.5	33.6	50.4#	

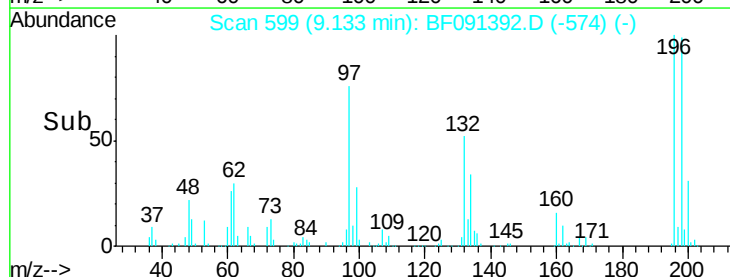
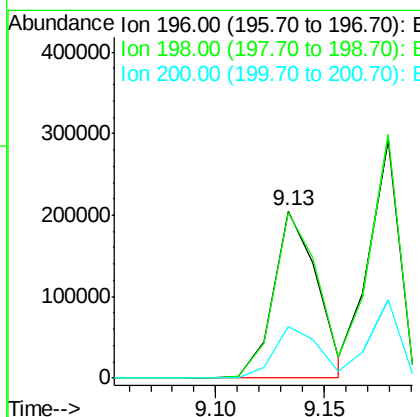
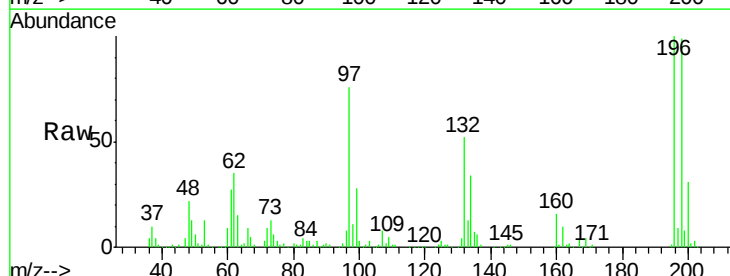
Manual Integrations
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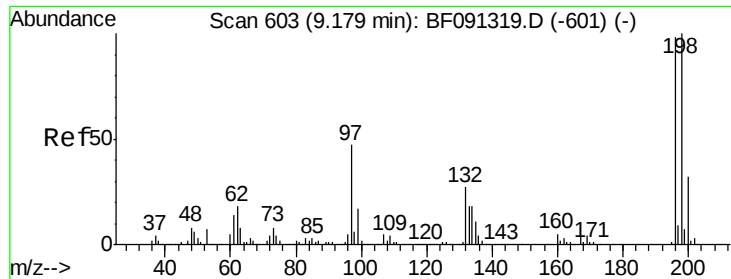
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#42
 2,4,6-Trichlorophenol
 Concen: 33.73 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

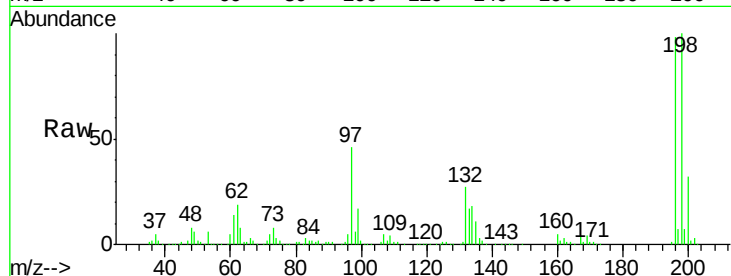
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287096		
198	99.1	77.4	116.0	
200	31.0	25.2	37.8	





#43
 2,4,5-Trichlorophenol
 Concen: 33.35 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

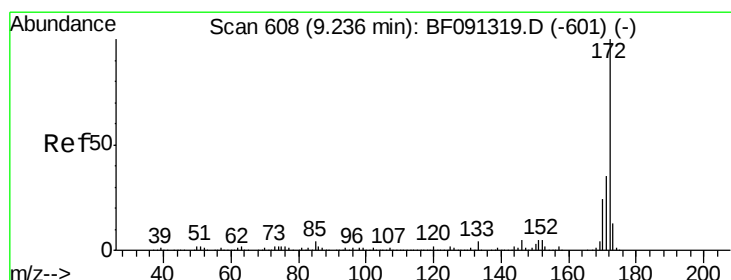
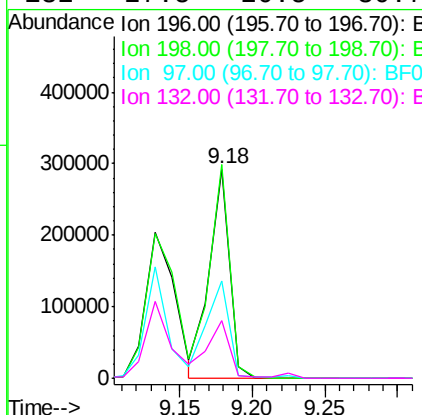
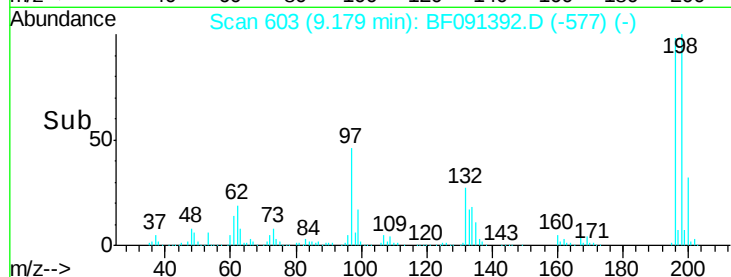
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS



Tgt Ion:	196	Resp:	284498
Ion Ratio	Lower	Upper	
196	100		
198	102.1	77.0	115.6
97	46.6	33.5	50.3
132	27.5	20.5	30.7

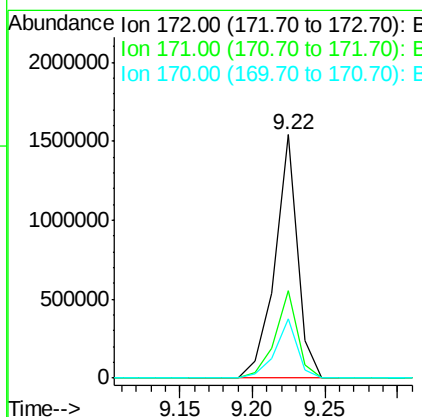
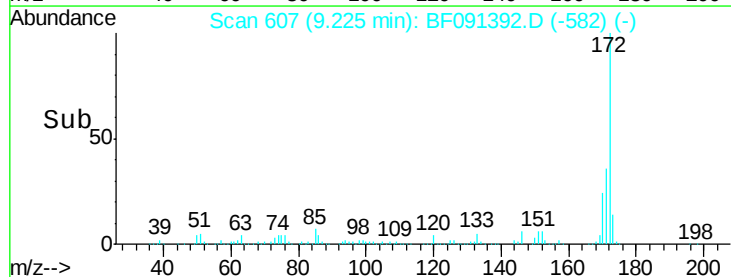
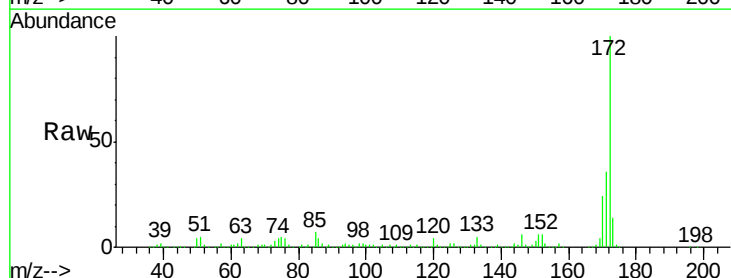
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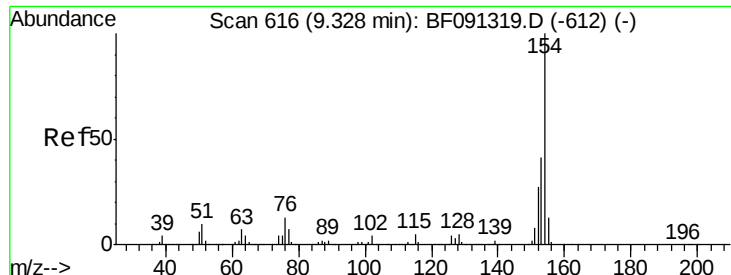
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#44
 2-Fluorobiphenyl
 Concen: 64.81 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:	172	Resp:	1663178
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.4	19.7	29.5





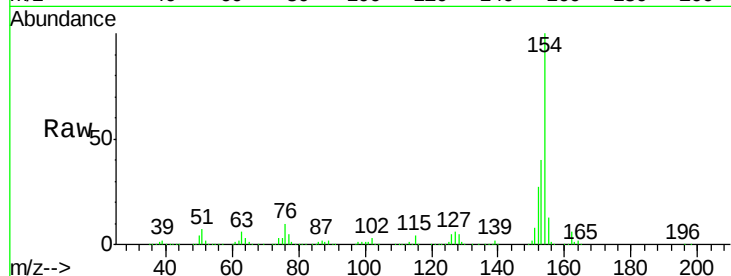
#45
1,1'-Biphenyl
Concen: 34.54 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

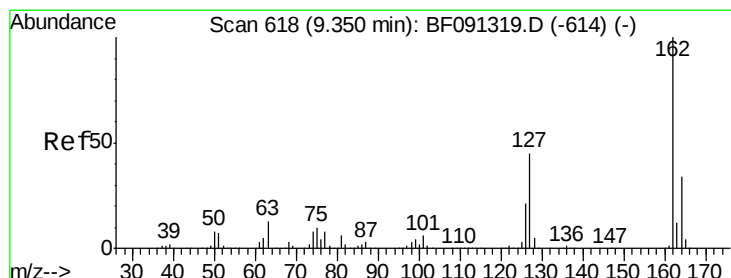
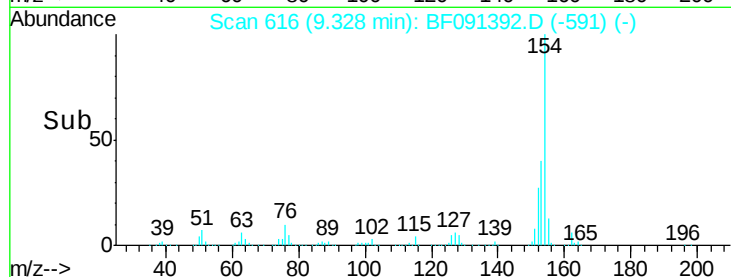
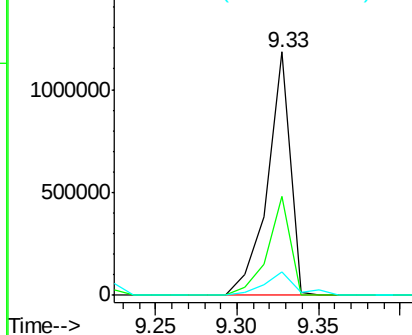
Tgt Ion:154 Resp: 1153874
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 9.6 0.0 36.6

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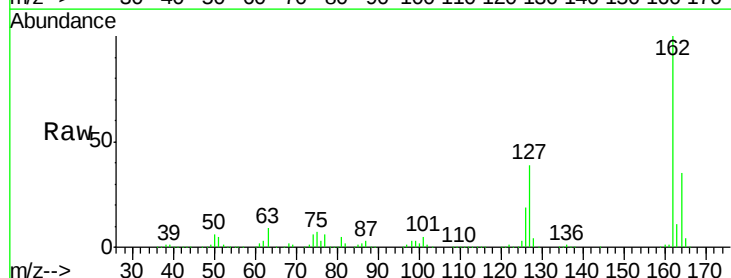


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

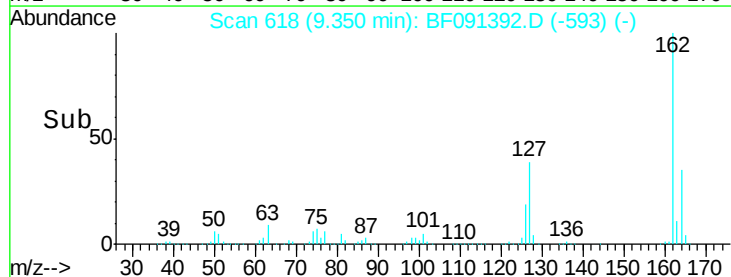
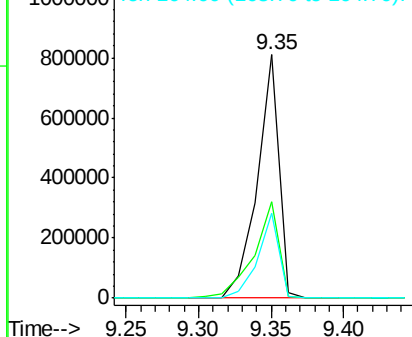


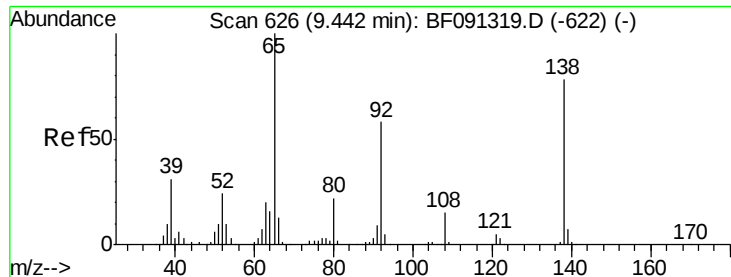
#46
2-Chloronaphthalene
Concen: 33.60 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:162 Resp: 835946
Ion Ratio Lower Upper
162 100
127 39.4 34.3 51.5
164 35.0 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





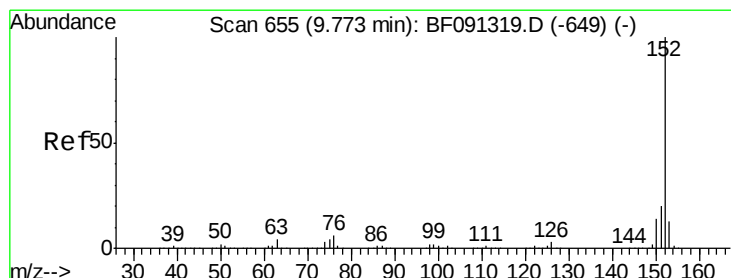
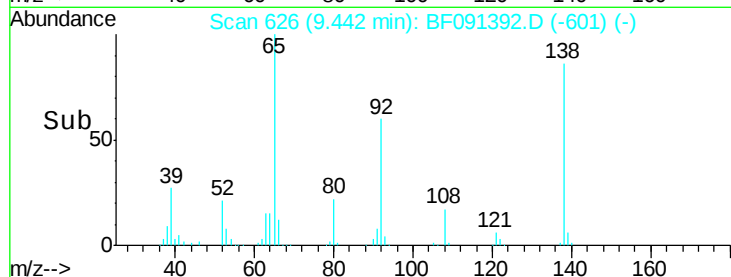
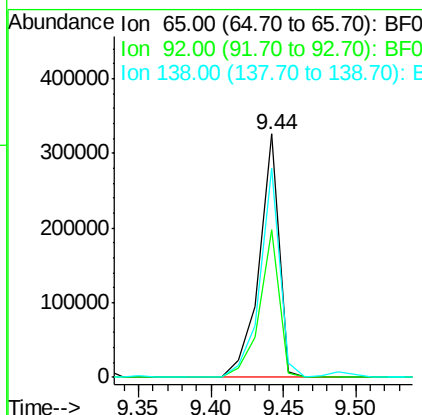
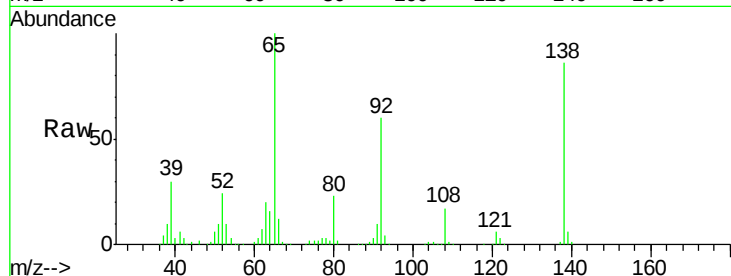
#47
2-Nitroaniline
Concen: 34.75 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.4	53.6	80.4
138	86.1	91.0	136.6

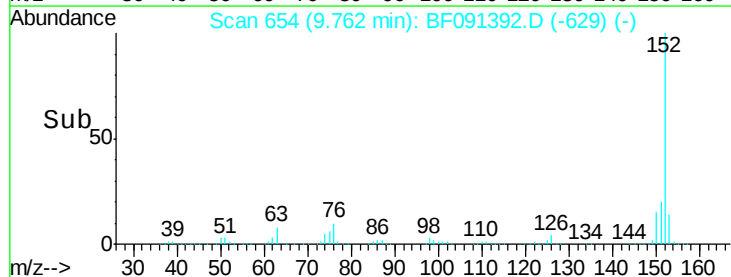
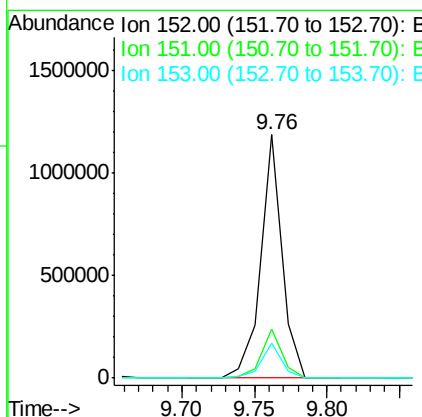
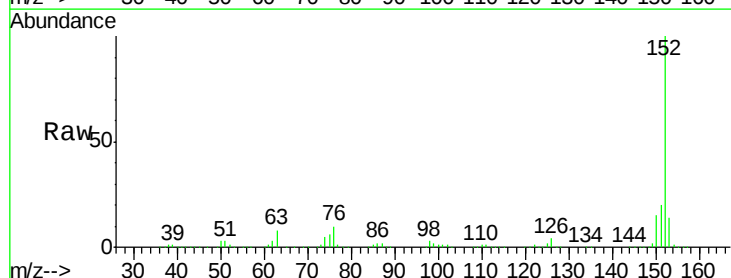
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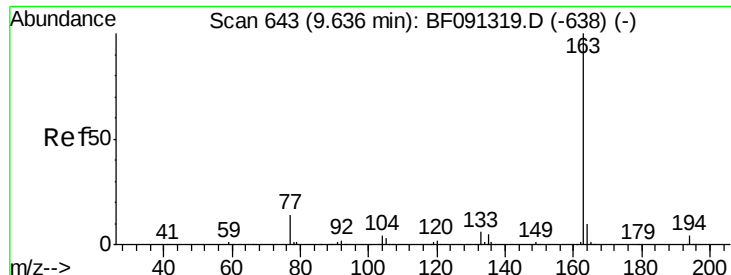
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#48
Acenaphthylene
Concen: 30.79 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.4	10.7	16.1





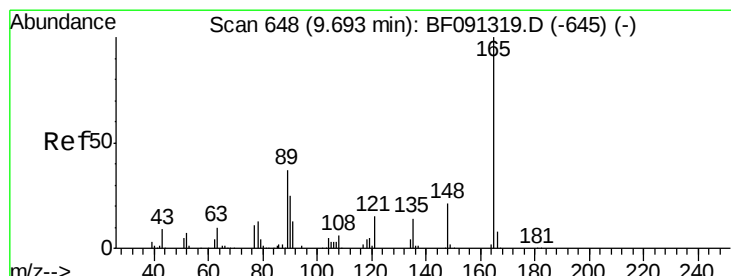
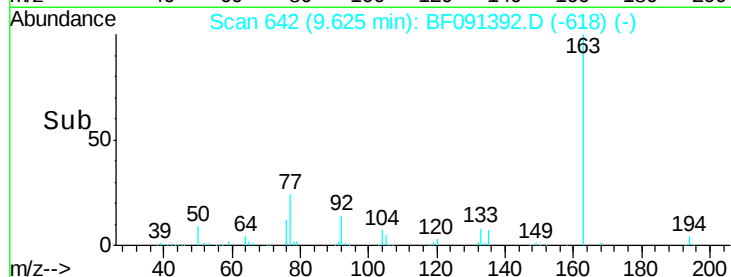
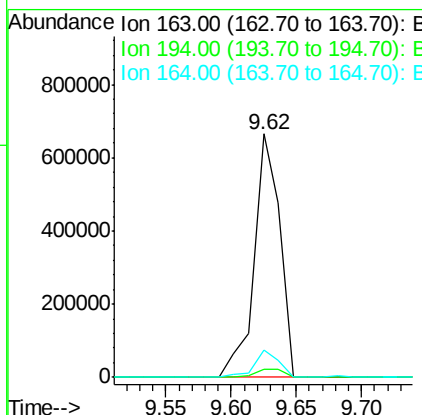
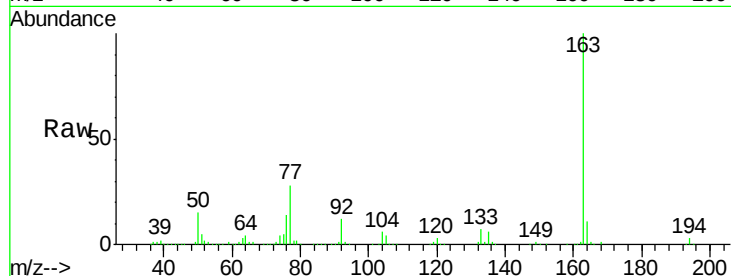
#49
Dimethylphthalate
Concen: 32.44 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	912567		
194	3.4		3.0	4.4
164	11.3		7.8	11.8

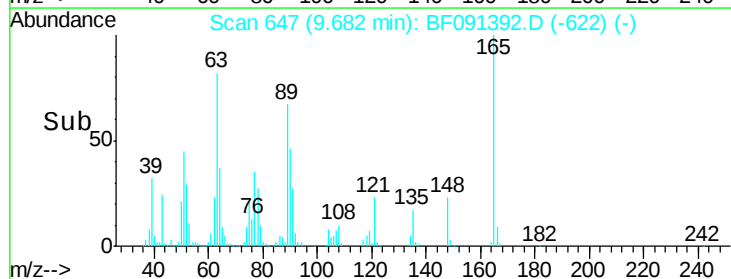
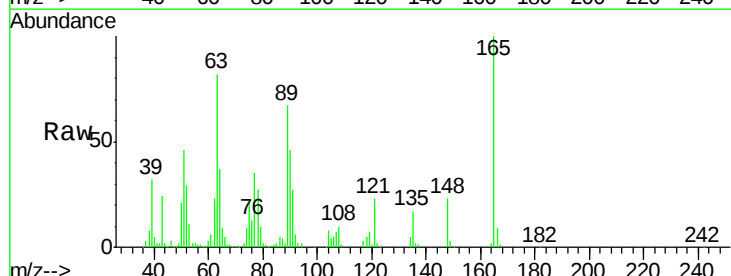
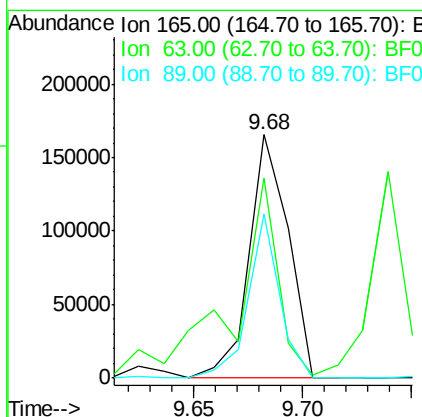
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#50
2,6-Dinitrotoluene
Concen: 32.87 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206683		
63	82.5		59.4	89.0
89	67.4		50.8	76.2





#51

Acenaphthene

Concen: 33.19 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

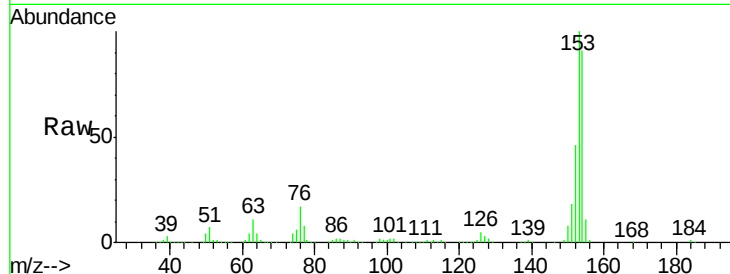
ClientSampled :

PB95000BS

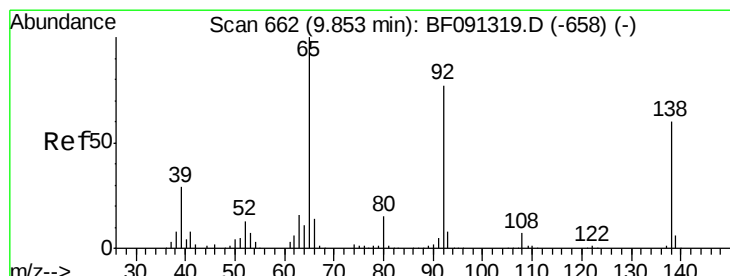
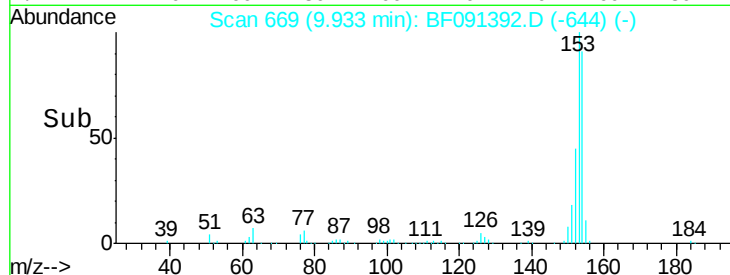
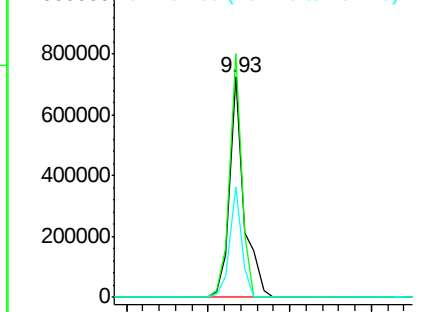
Tgt Ion:	154	Resp:	876802
Ion Ratio	Lower	Upper	
154	100		
153	110.4	91.0	136.6
152	50.3	44.2	66.2

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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: 20.99 ng

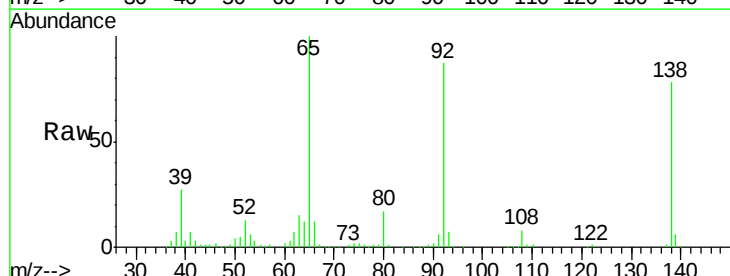
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

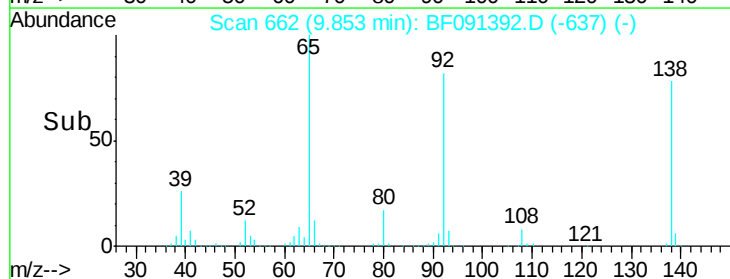
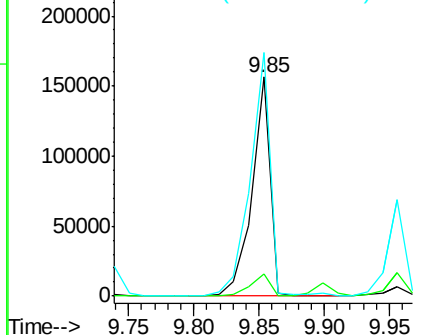
Lab File: BF091392.D

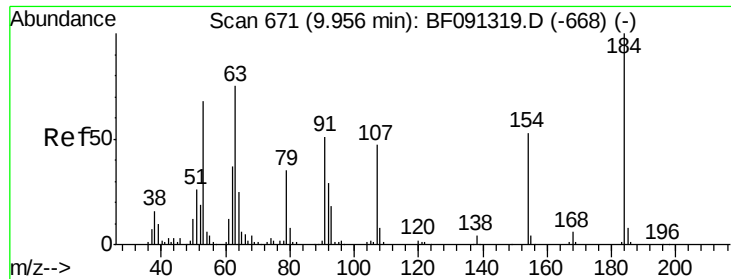
Acq: 2 Dec 2016 16:38

Tgt Ion:	138	Resp:	152770
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.1	12.1
92	111.2	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





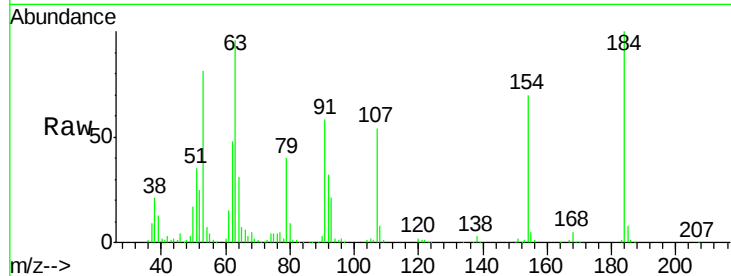
#53
2,4-Dinitrophenol
Concen: 77.10 ng m
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleID :
PB95000BS

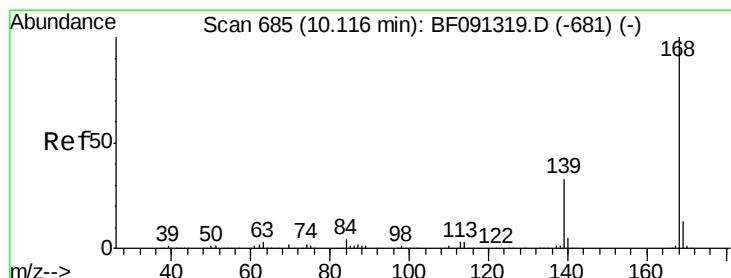
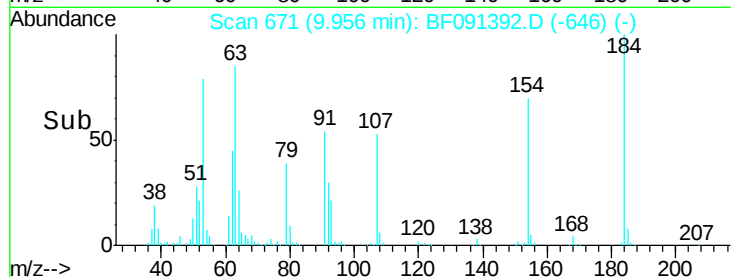
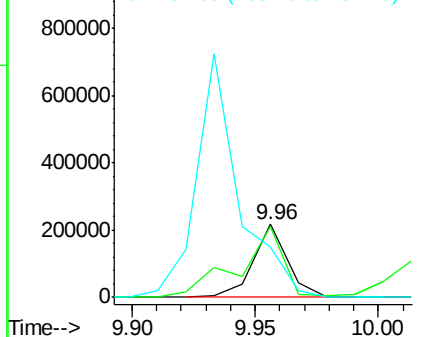
Tgt Ion	Ratio	Lower	Upper
184	100		
63	96.0	58.3	87.5#
154	69.5	48.6	73.0

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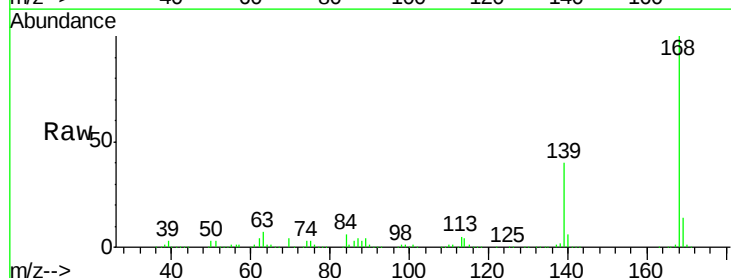


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

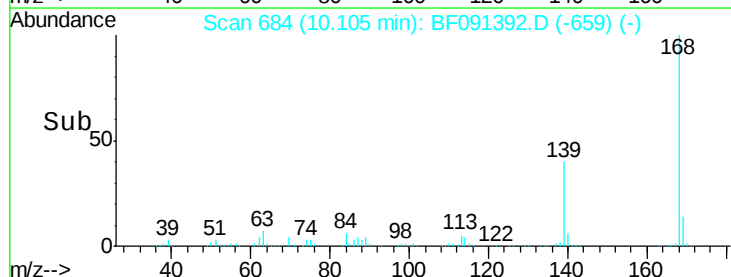
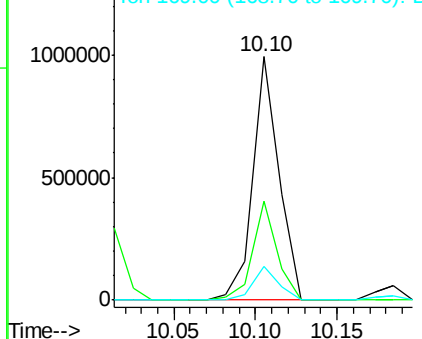


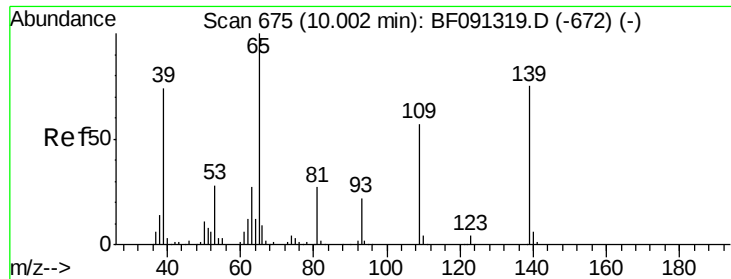
#54
Dibenzofuran
Concen: 31.11 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.4	50.2
169	13.7	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





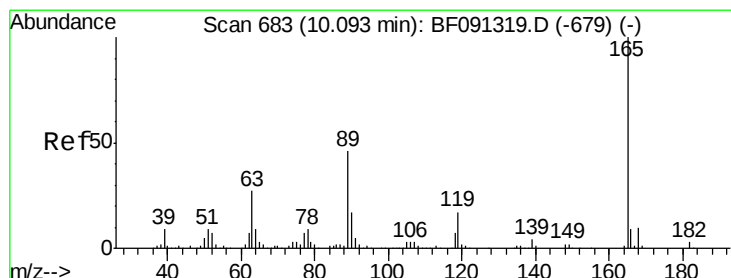
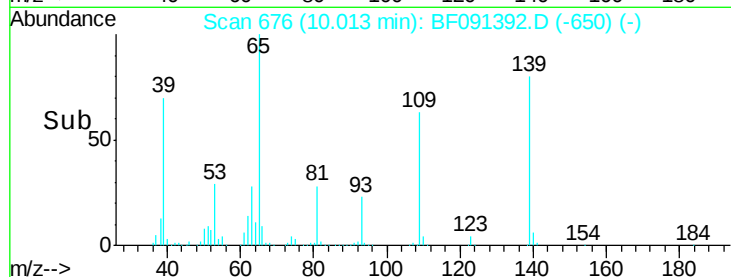
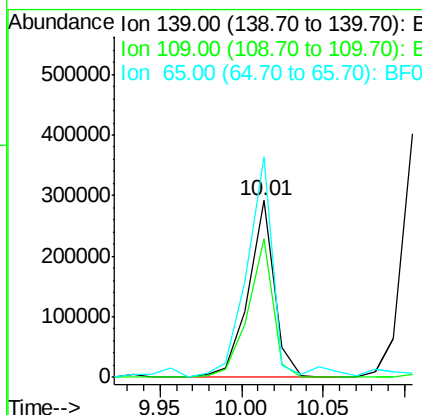
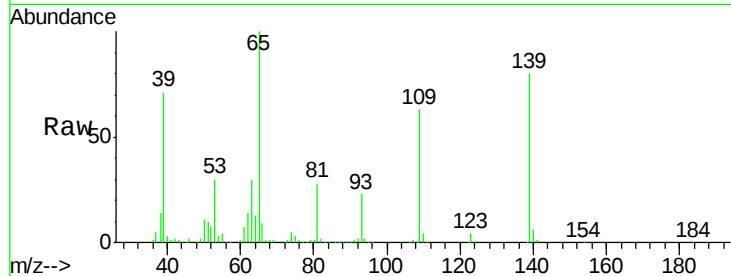
#55
4-Nitrophenol
Concen: 62.11 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleID :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	326510		
109	78.3	54.9	94.9	
65	125.0	102.2	142.2	

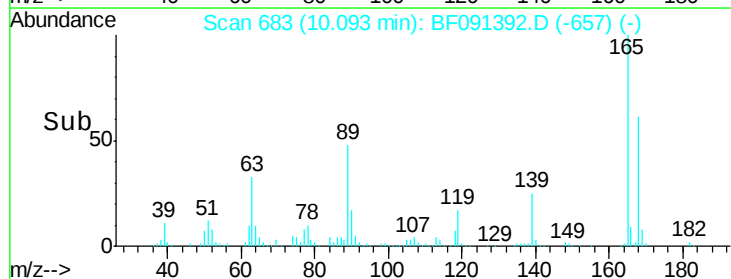
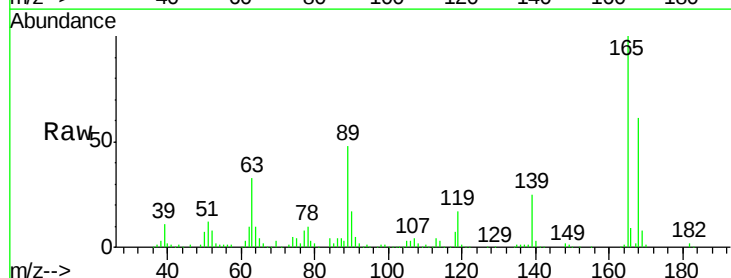
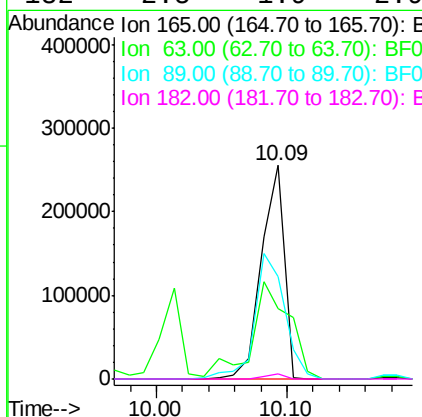
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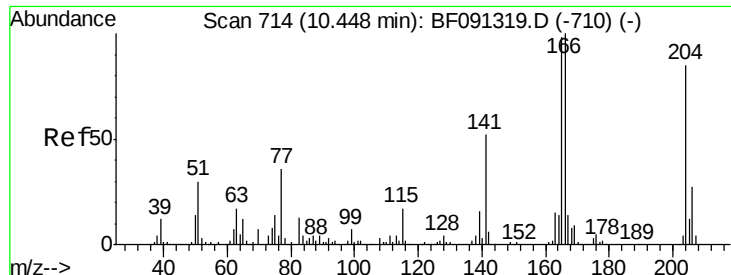
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#56
2,4-Dinitrotoluene
Concen: 38.58 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	314710		
63	32.7	29.0	43.4	
89	48.0	43.1	64.7	
182	2.5	1.9	2.9	





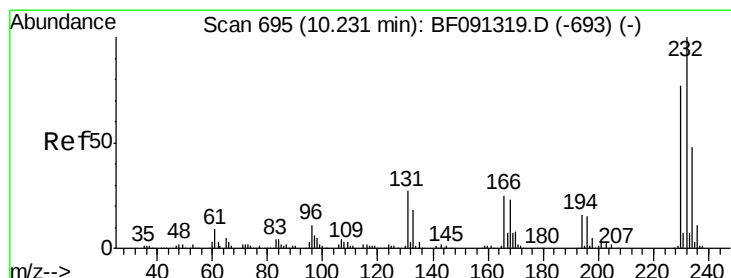
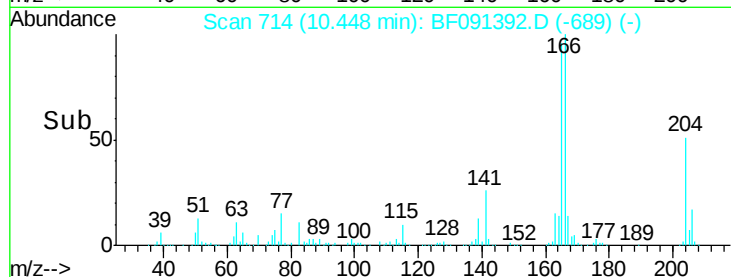
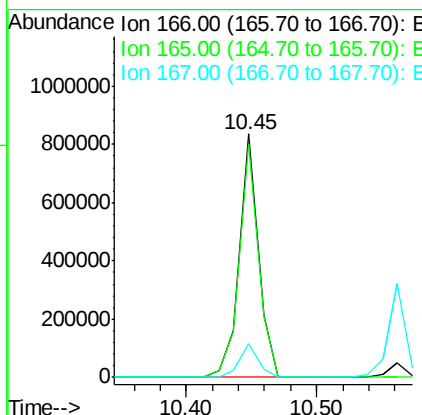
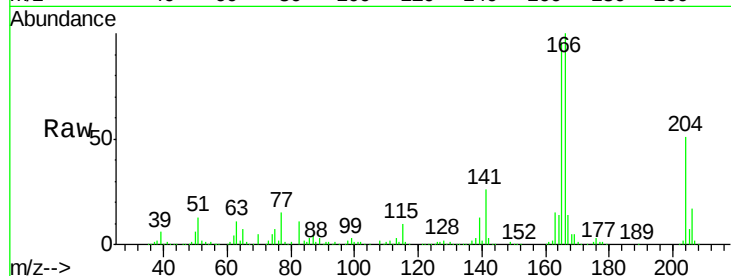
#57
Fluorene
 Concen: 31.07 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampled :
 PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	843821		
165	95.9	80.0	120.0	
167	13.7	10.8	16.2	

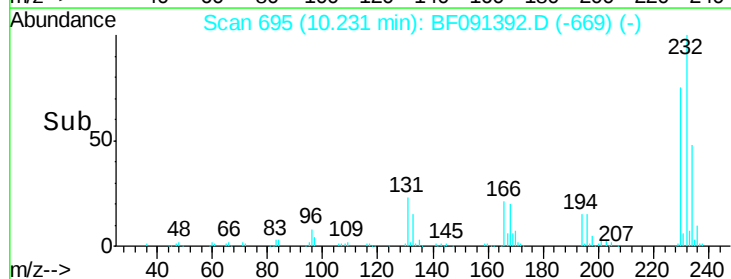
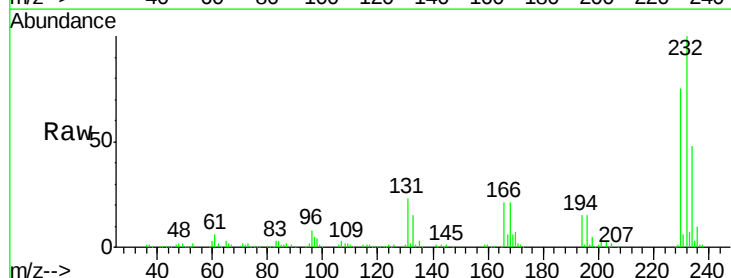
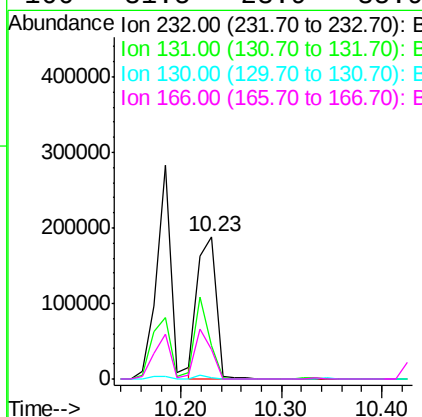
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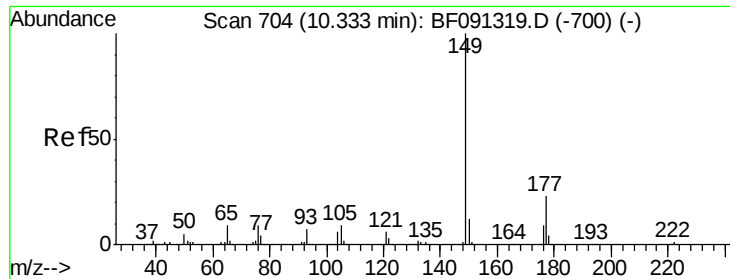
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.93 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	247202		
131	45.3	38.4	57.6	
130	2.3	1.8	2.8	
166	31.5	23.9	35.9	





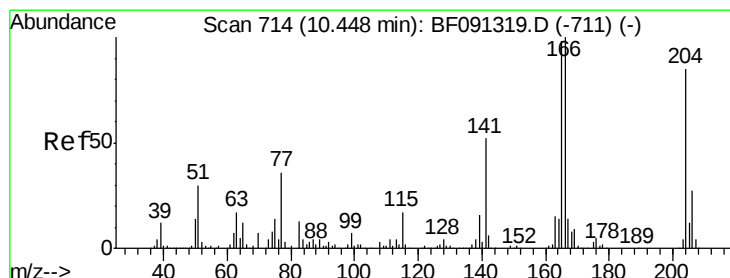
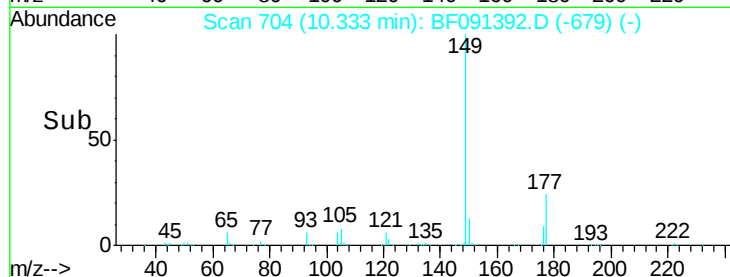
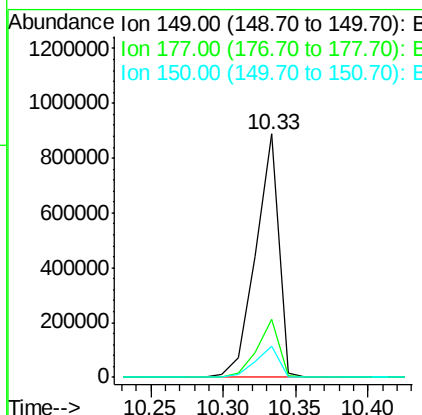
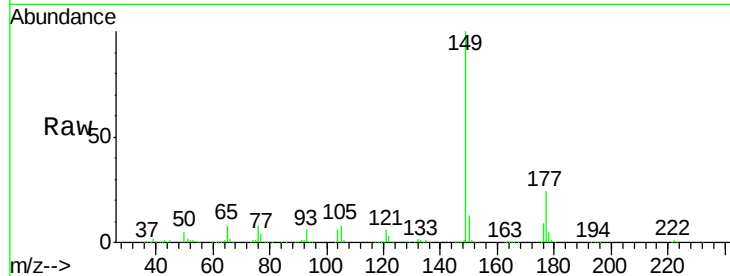
#59
Diethylphthalate
Concen: 35.33 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	981139		
177	23.7	15.7	23.5#	
150	12.6	10.2	15.2	

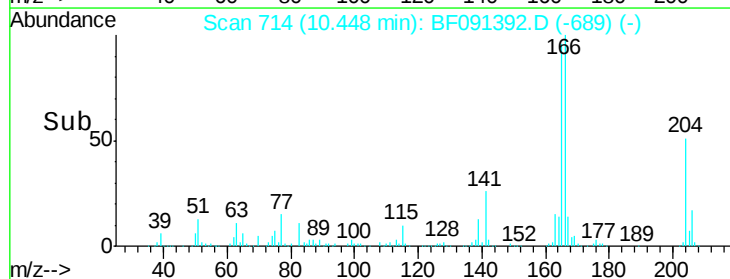
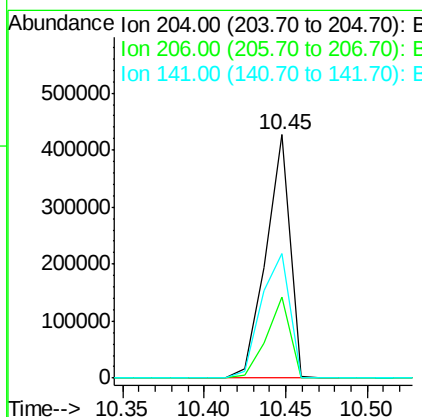
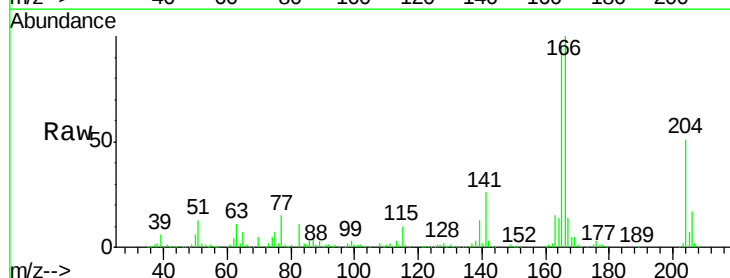
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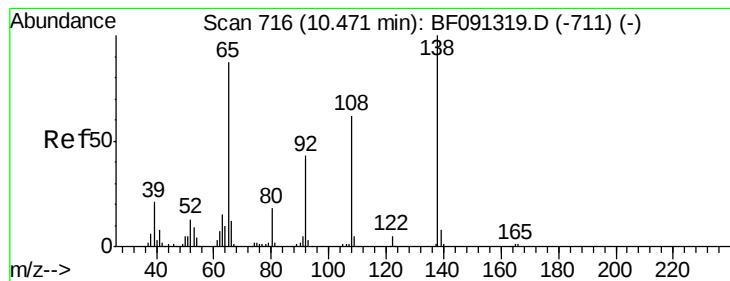
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#60
4-Chlorophenyl-phenylether
Concen: 32.27 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	439514		
206	33.2	26.1	39.1	
141	51.2	40.6	61.0	





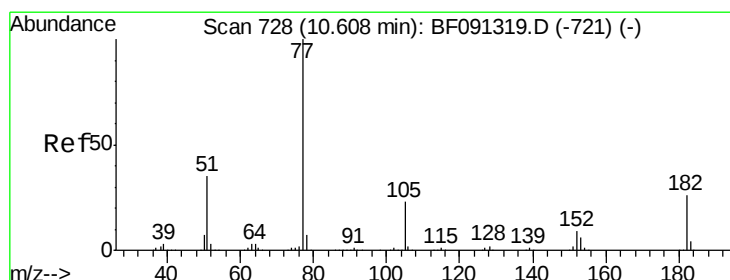
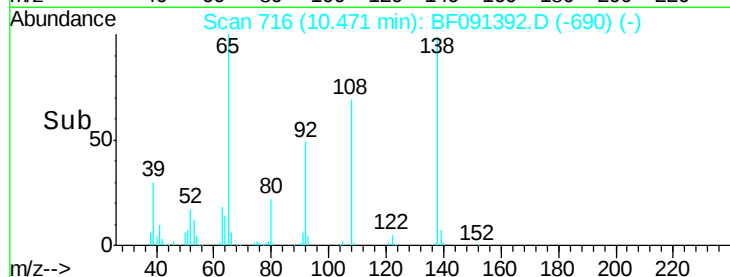
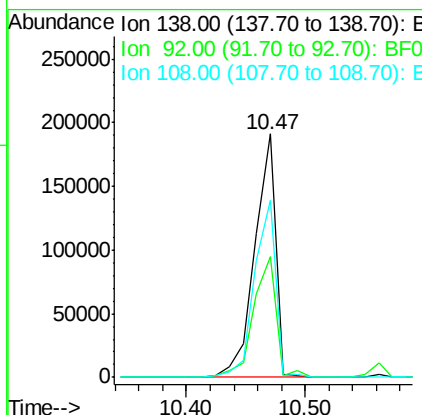
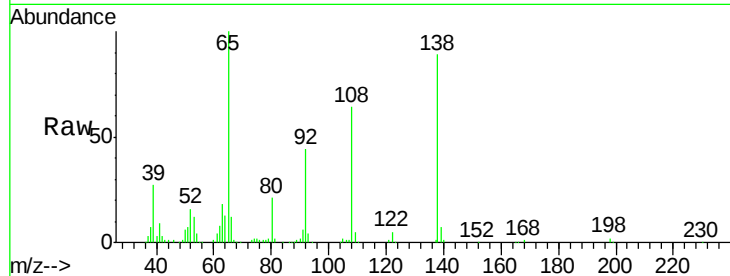
#61
4-Nitroaniline
Concen: 34.59 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampled :
PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	236430		
92	49.8	26.9	66.9	
108	72.6	49.1	89.1	

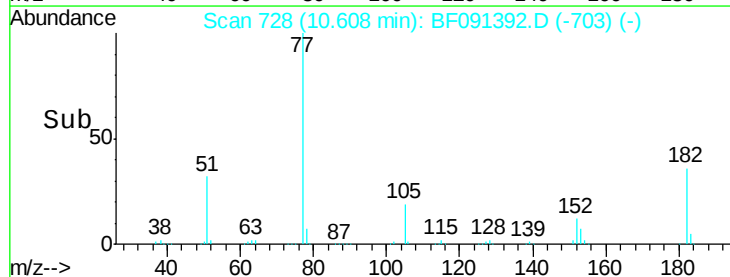
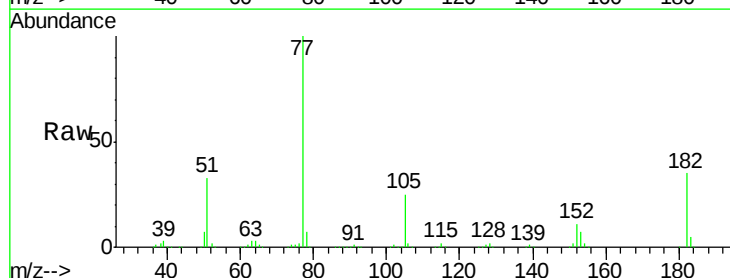
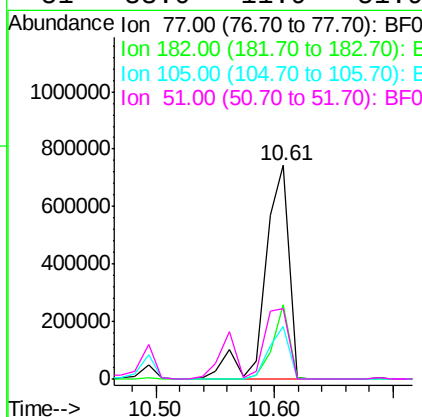
Manual Integrations
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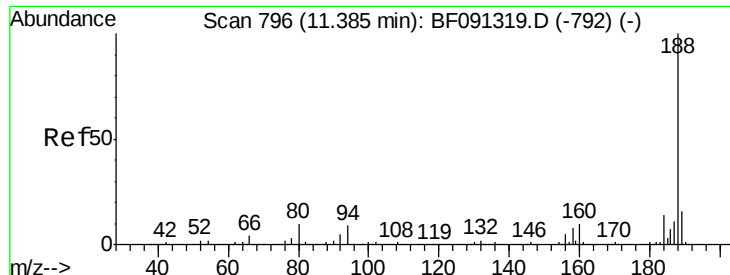
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#62
Azobenzene
Concen: 36.98 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1047912		
182	34.7	12.5	52.5	
105	24.6	3.7	43.7	
51	33.0	11.9	51.9	





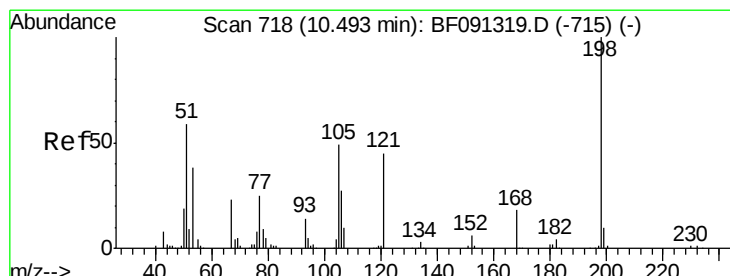
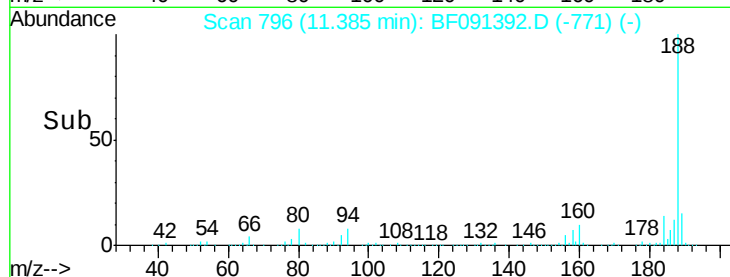
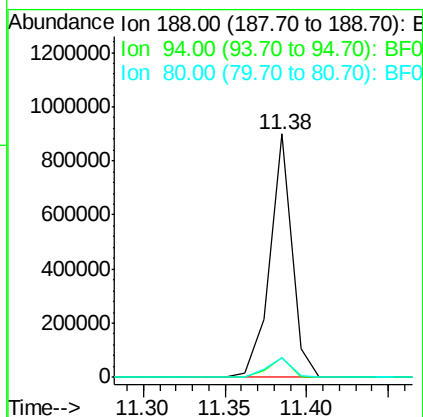
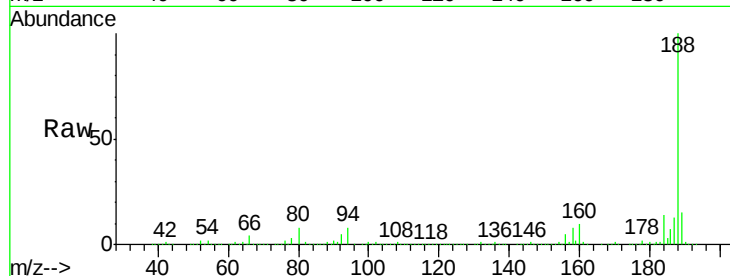
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	9.2	13.8#
80	8.3	10.5	15.7#

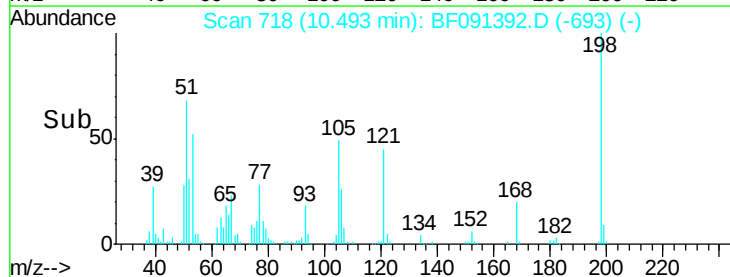
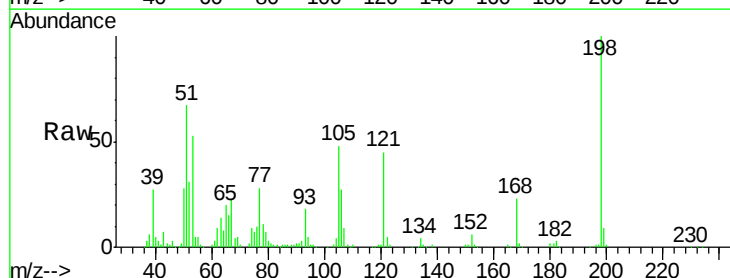
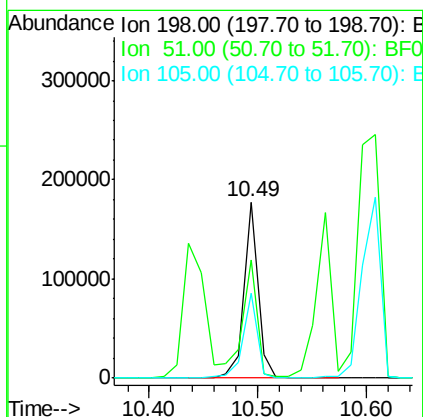
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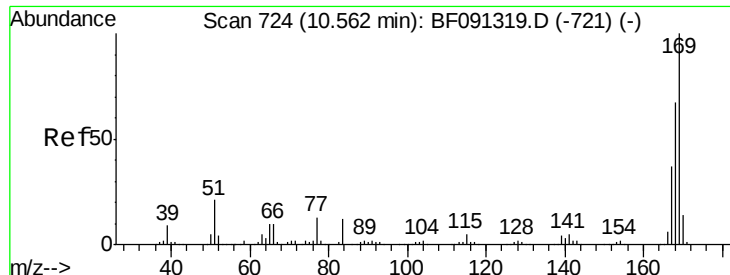
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.84 ng
 RT: 10.49 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	67.3	77.1	117.1#
105	48.2	44.8	84.8





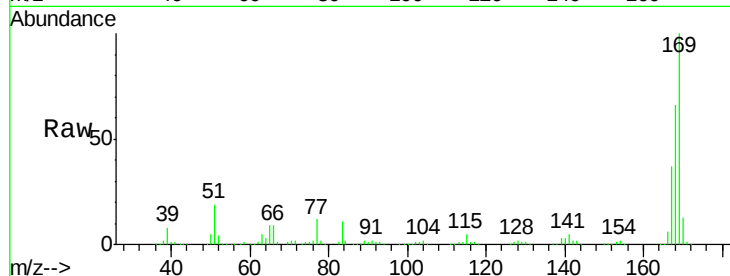
#65
n-Nitrosodiphenylamine
Concen: 30.80 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

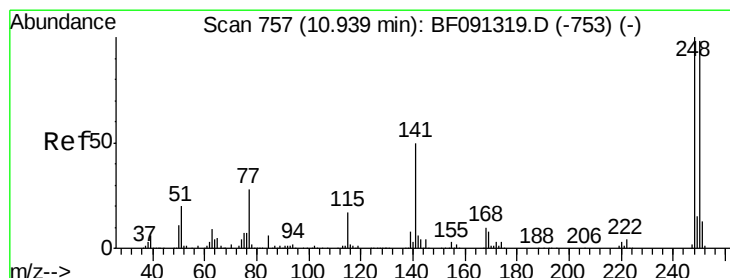
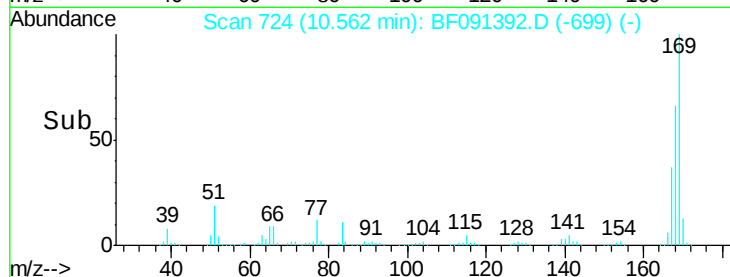
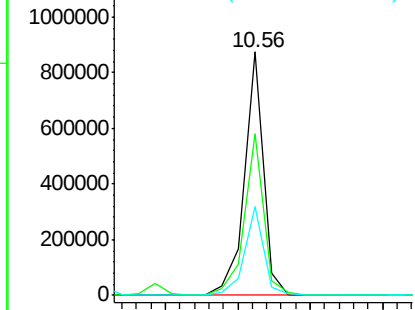
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	792088		
168	66.4	53.8	80.8	
167	36.6	29.8	44.8	

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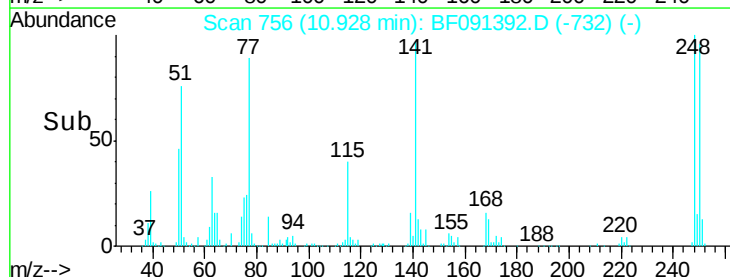
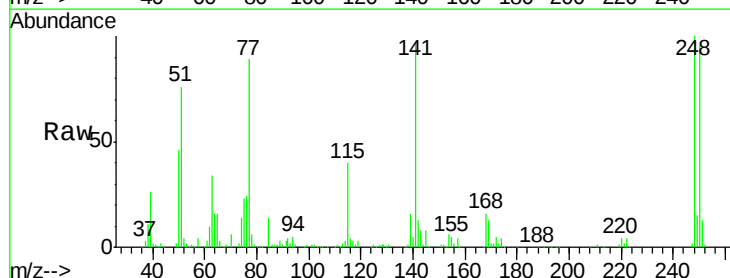
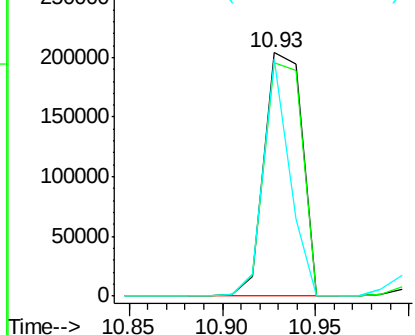
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

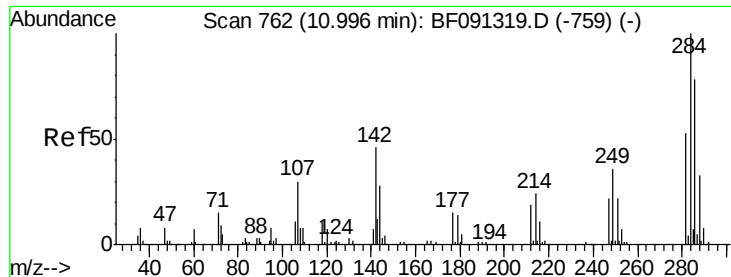


#66
4-Bromophenyl-phenylether
Concen: 31.37 ng
RT: 10.93 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	286016		
250	95.9	78.2	117.4	
141	97.5	71.9	107.9	

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





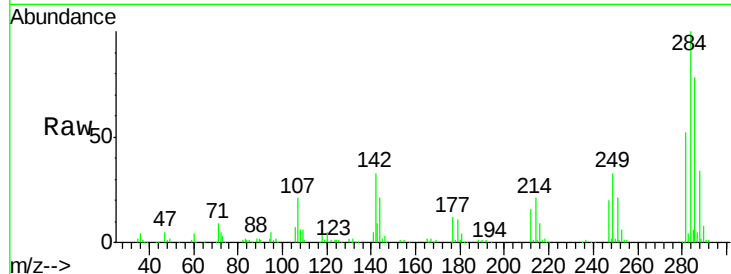
#67
Hexachlorobenzene
Concen: 30.48 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

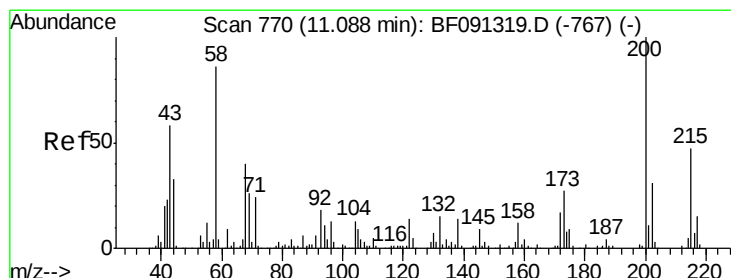
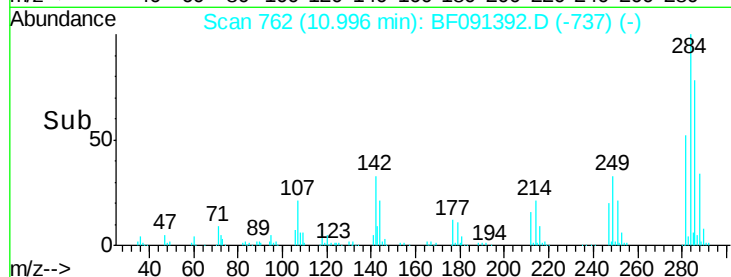
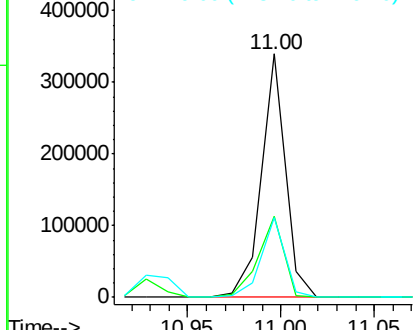
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	300317		
142	33.5	17.9	26.9#	
249	33.0	23.6	35.4	

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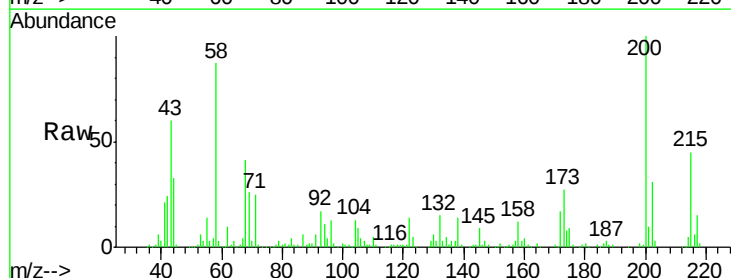


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

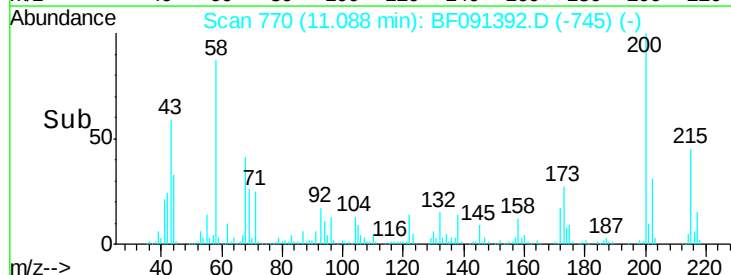
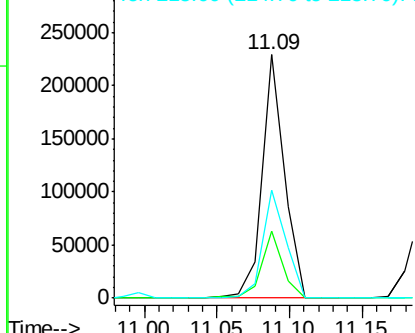


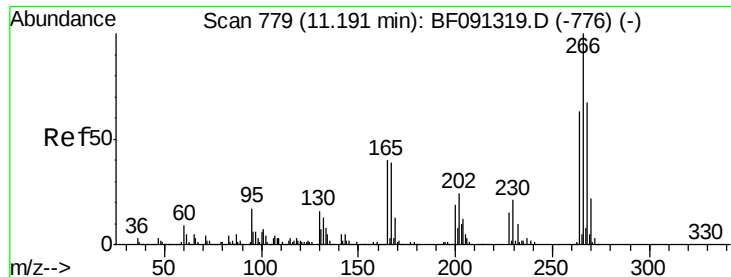
#68
Atrazine
Concen: 29.20 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243199		
173	27.3	7.8	47.8	
215	44.6	24.3	64.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





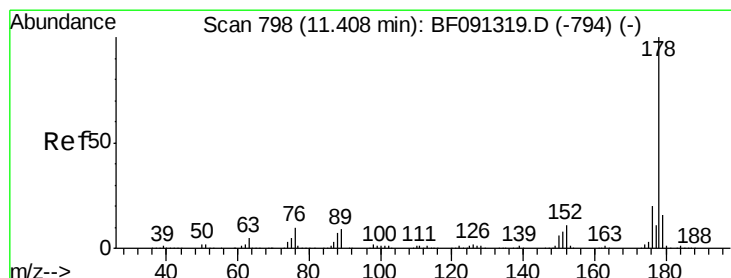
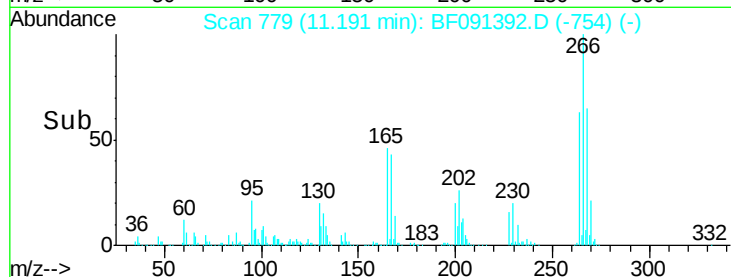
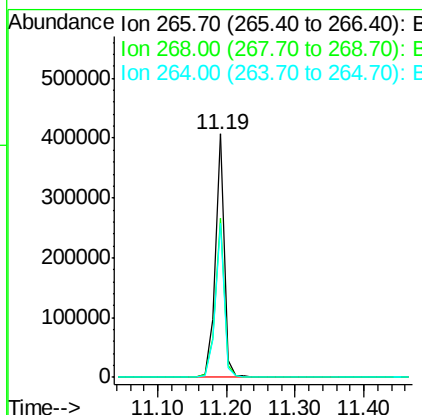
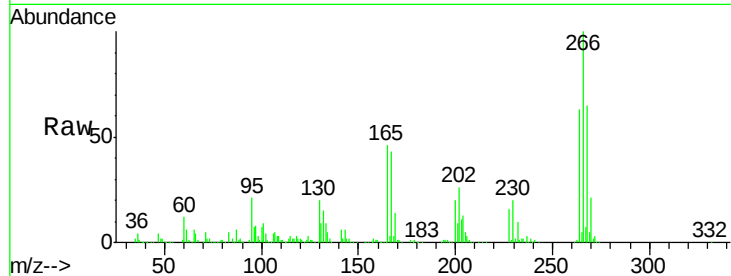
#69
 Pentachlorophenol
 Concen: 64.99 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleID :
 PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	376992		
268	65.5	50.3	75.5	
264	63.1	48.2	72.2	

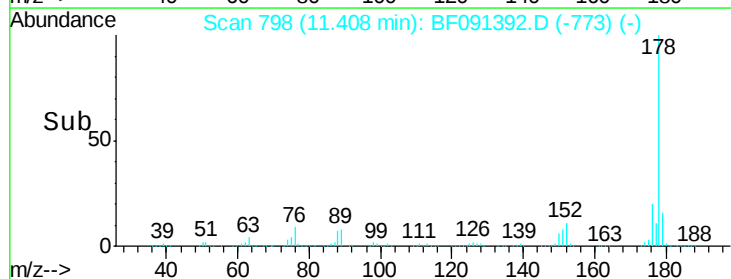
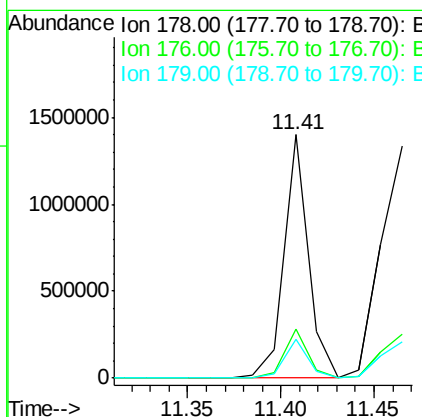
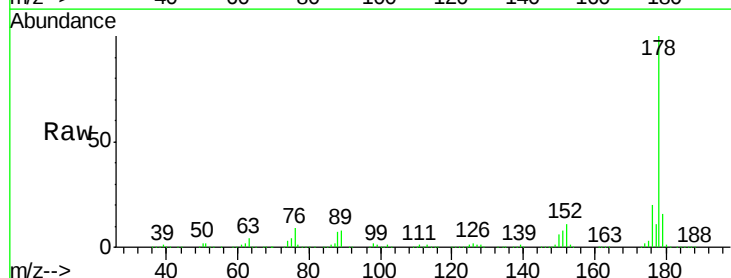
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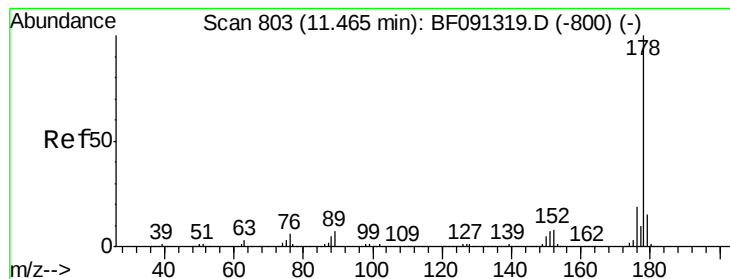
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#70
 Phenanthrene
 Concen: 28.83 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1270887		
176	20.0	15.9	23.9	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 34.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

Tgt Ion:178 Resp: 1487338

Ion Ratio Lower Upper

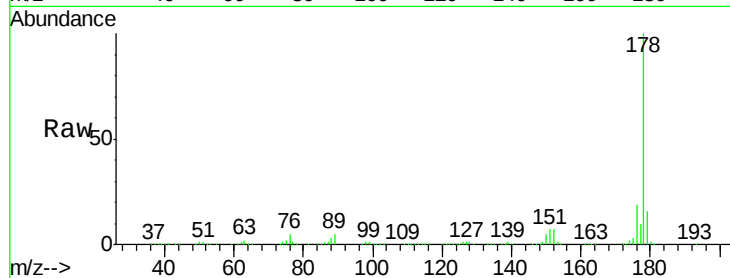
178 100

176 18.9 15.8 23.6

179 15.6 12.7 19.1

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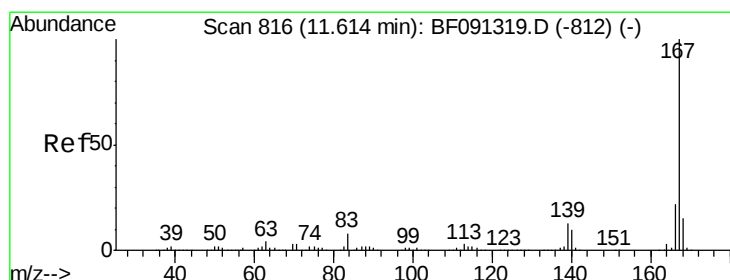
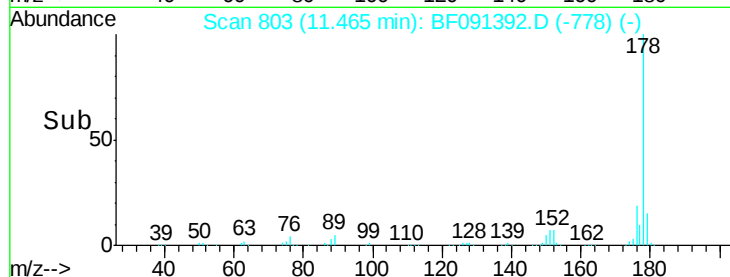
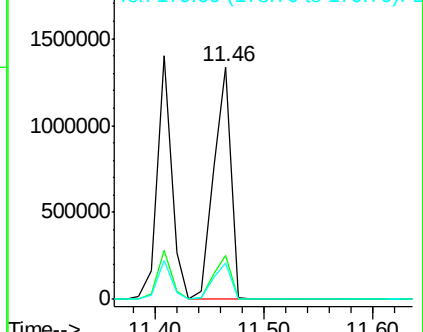
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.89 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

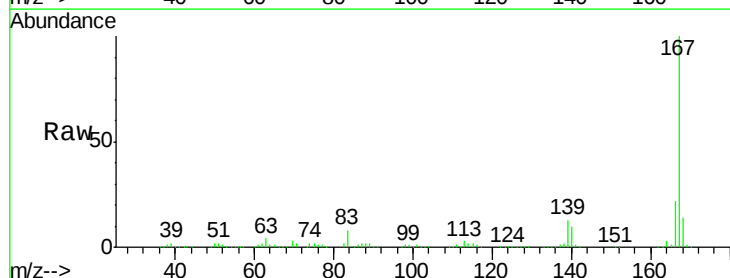
Tgt Ion:167 Resp: 1265919

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

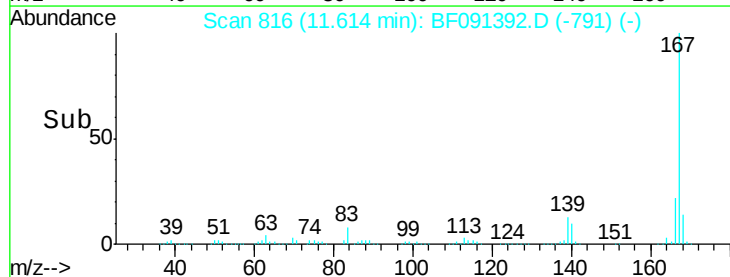
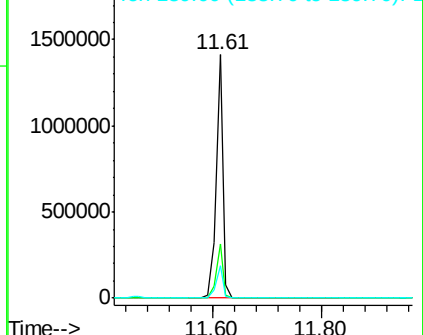
139 13.3 11.5 17.3

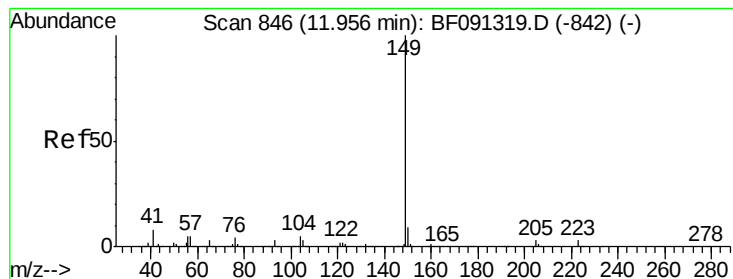


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.21 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

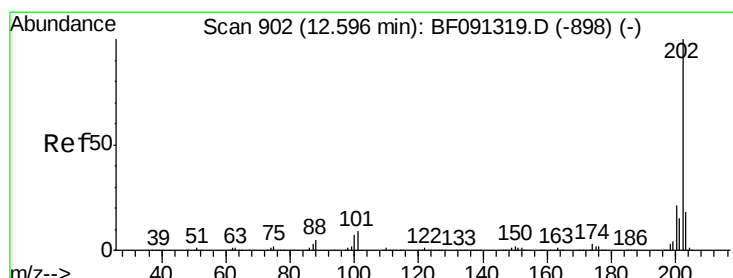
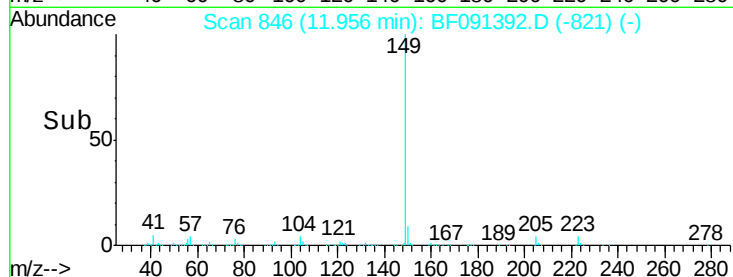
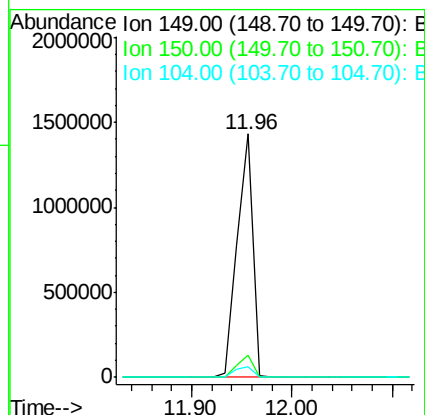
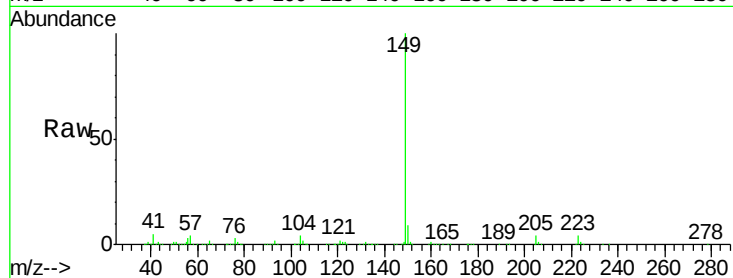
ClientSampleId :

PB95000BS

Tgt Ion:	149	Resp:	1539166
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 37.49 ng

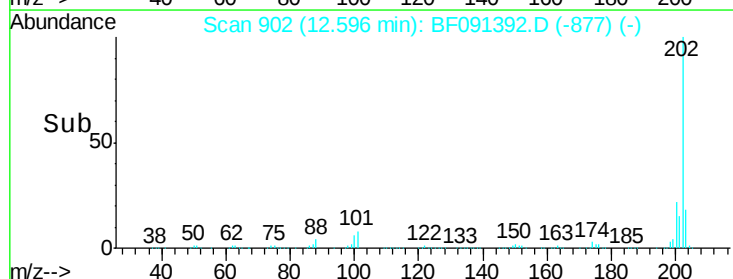
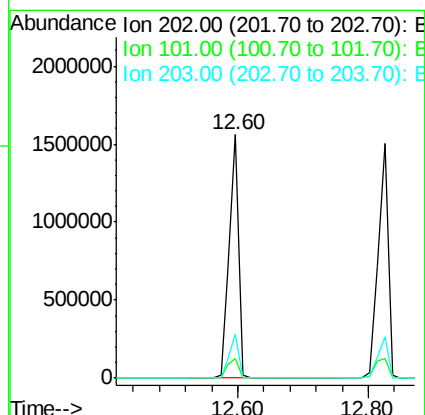
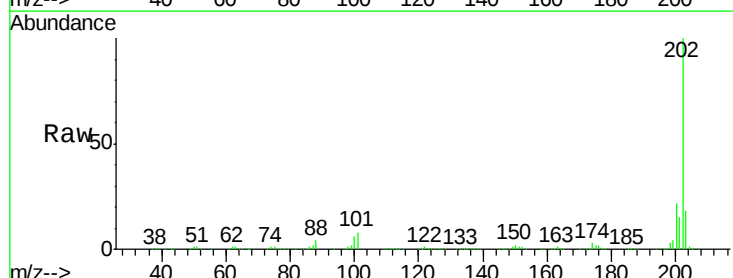
RT: 12.60 min Scan# 902

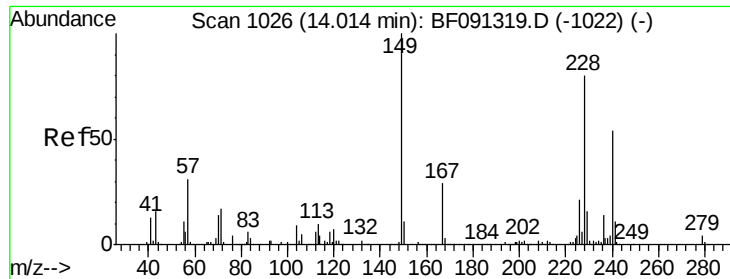
Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Tgt Ion:	202	Resp:	1565379
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	29.5
203	18.2	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

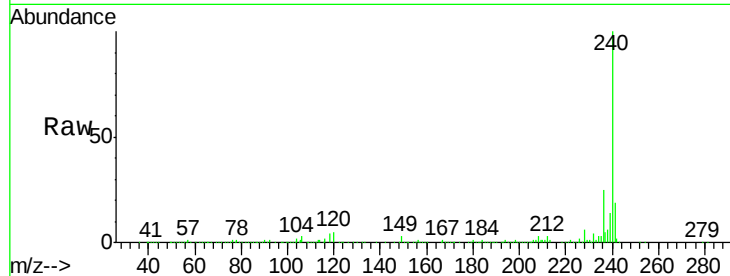
ClientSampleId :

PB95000BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	12.1	18.1#
236	25.5	21.0	31.6

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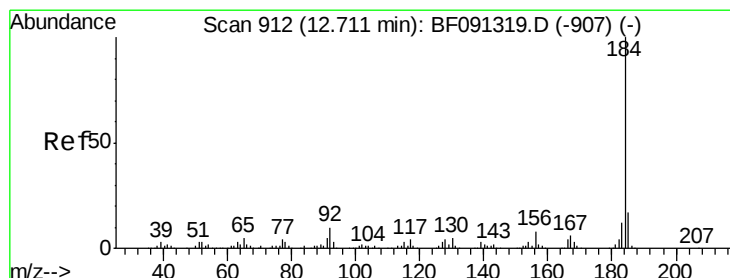
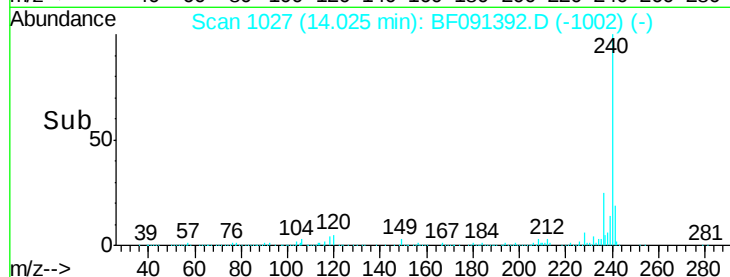
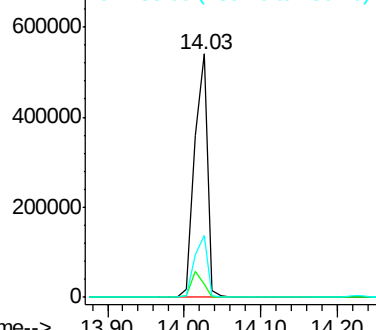
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.47 ng

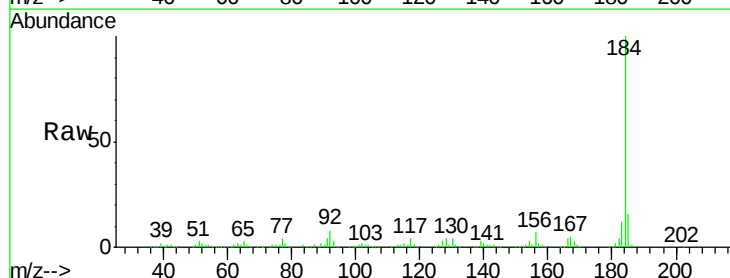
RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

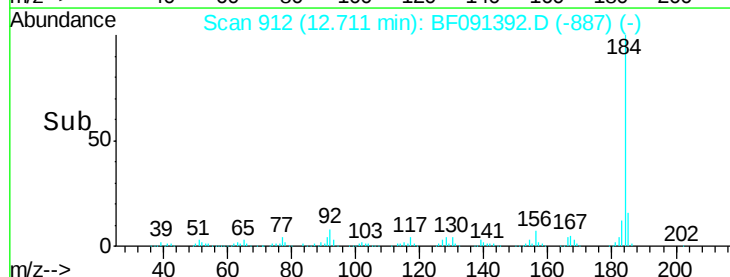
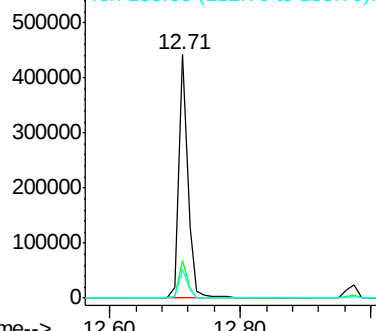
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.1	19.7
183	11.8	8.9	13.3

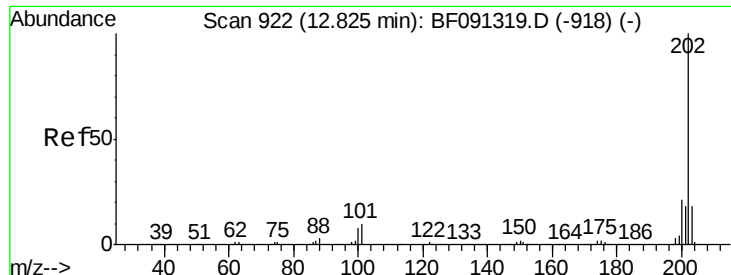


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





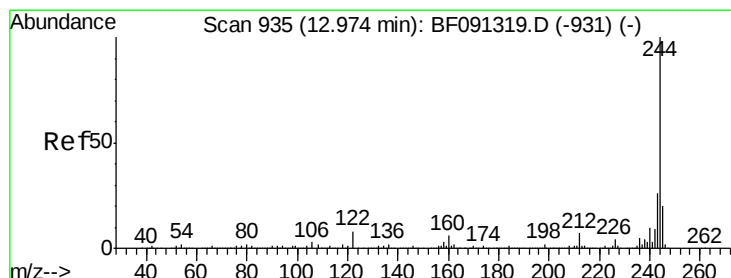
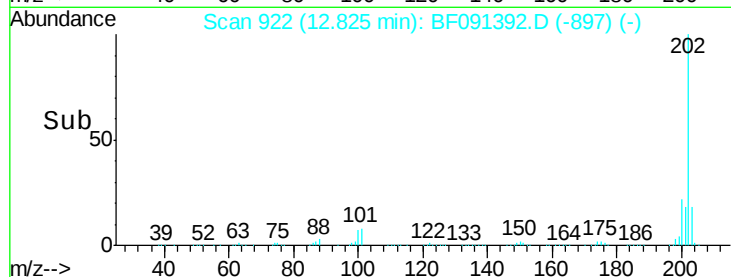
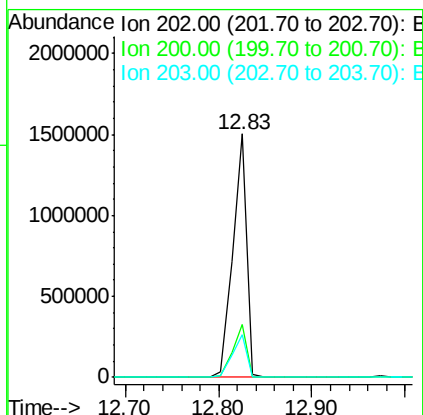
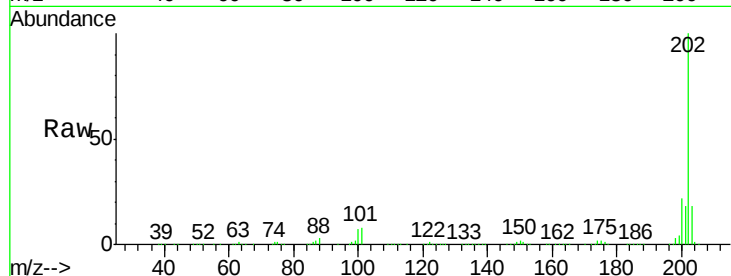
#77
Pyrene
 Concen: 31.97 ng
 RT: 12.83 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.8	14.0	21.0

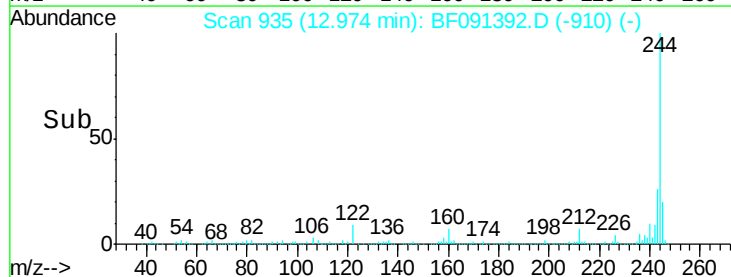
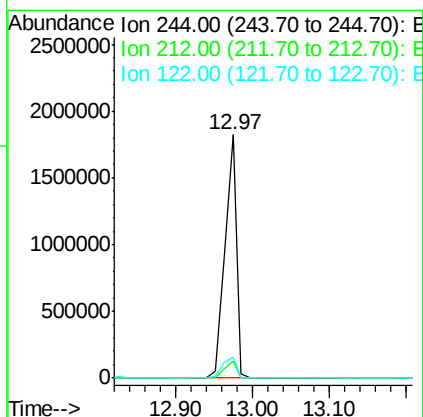
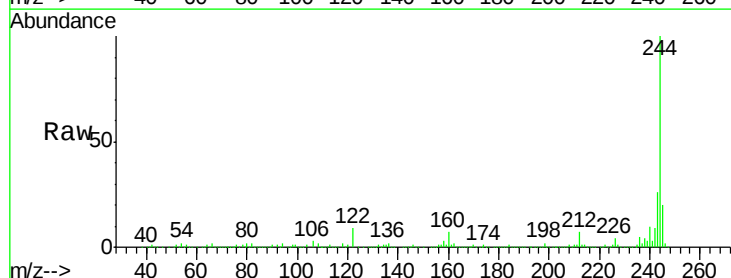
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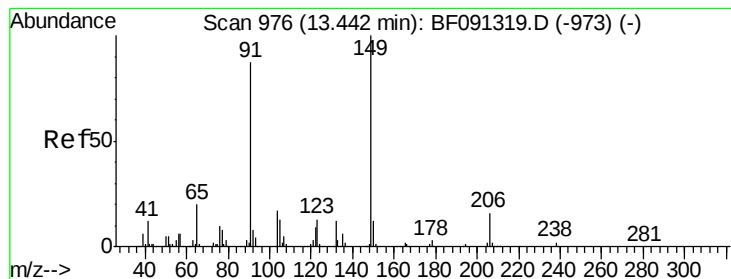
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#78
Terphenyl-d14
 Concen: 65.32 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.6	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 33.21 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

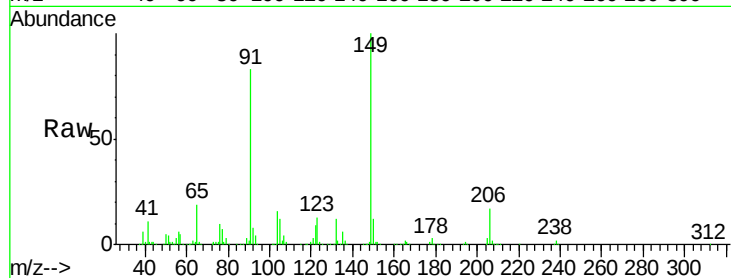
ClientSampleId :

PB95000BS

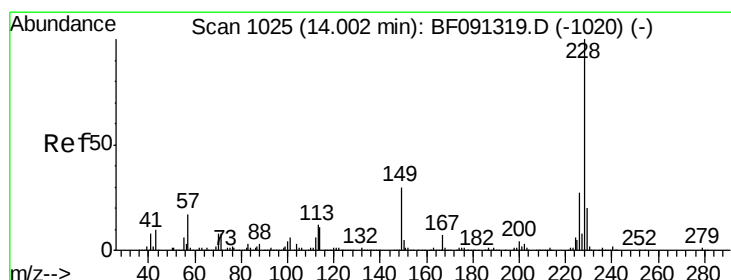
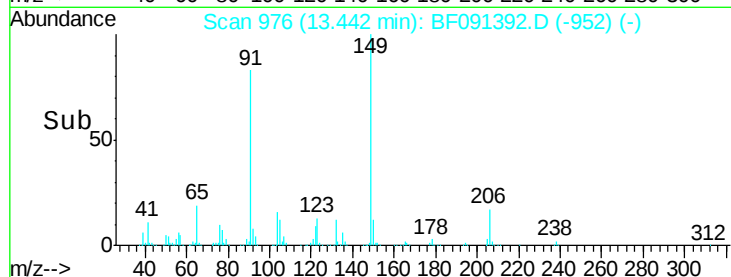
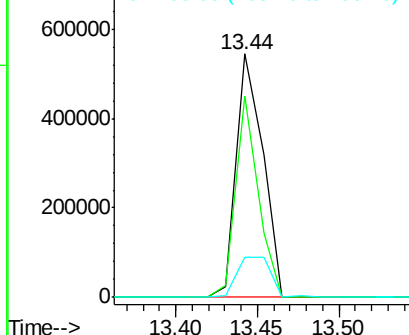
Tgt	Ion:149	Resp:	610588
Ion	Ratio	Lower	Upper
149	100		
91	83.0	57.4	86.2
206	16.7	15.4	23.2

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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: 31.95 ng

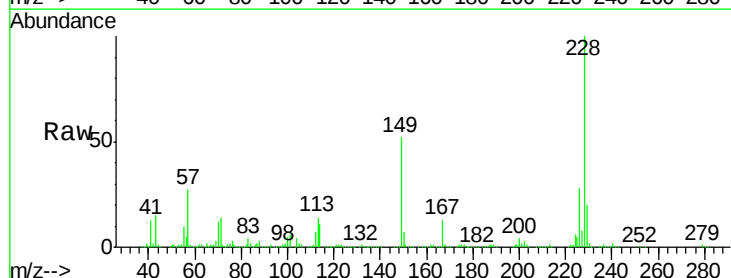
RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

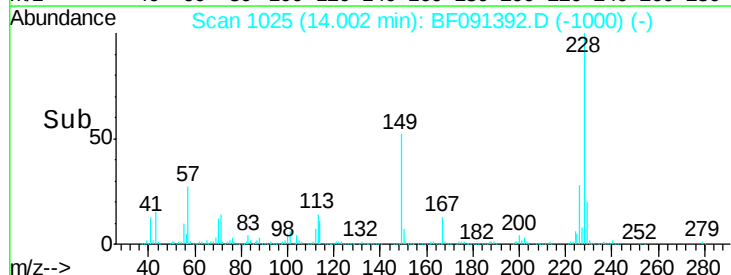
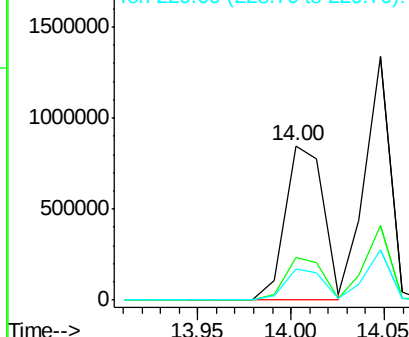
Lab File: BF091392.D

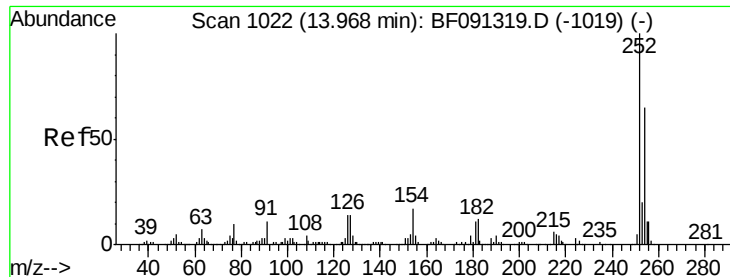
Acq: 2 Dec 2016 16:38

Tgt	Ion:228	Resp:	1208962
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.5	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





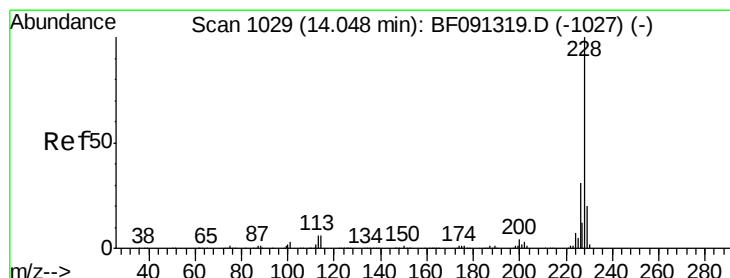
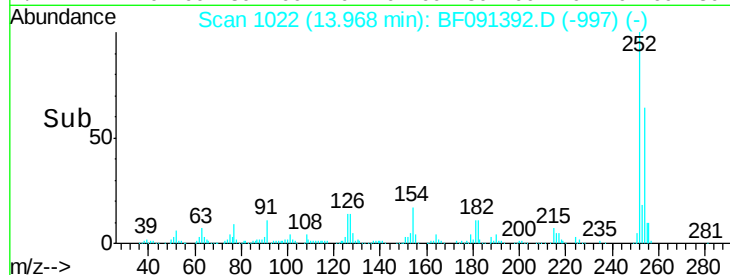
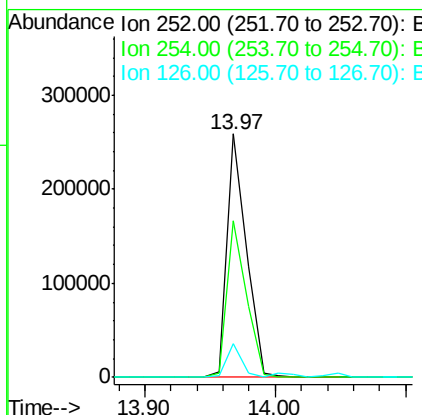
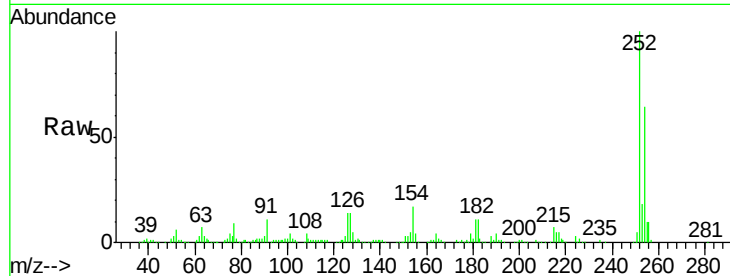
#81
 3,3'-Dichlorobenzidine
 Concen: 20.07 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	52.1	78.1
126	13.9	7.5	11.3

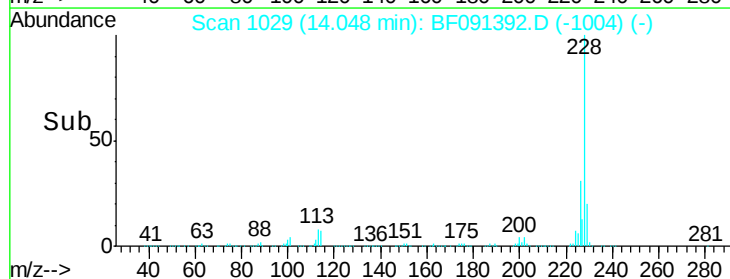
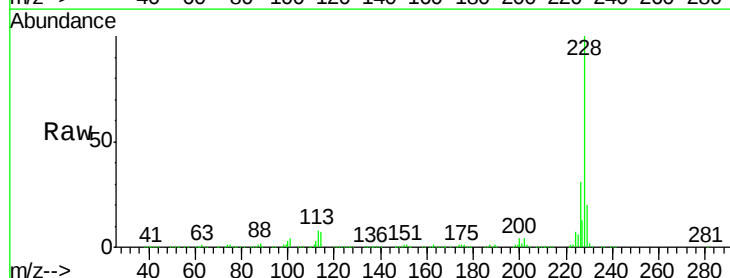
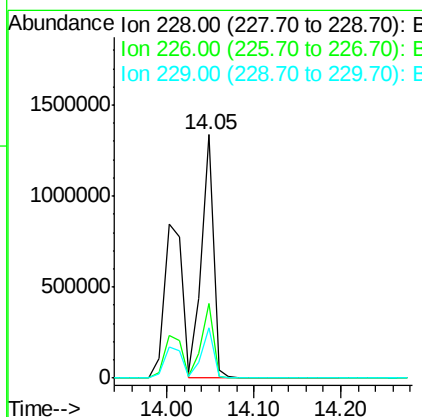
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#82
 Chrysene
 Concen: 33.72 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.0	37.4
229	20.4	16.0	24.0





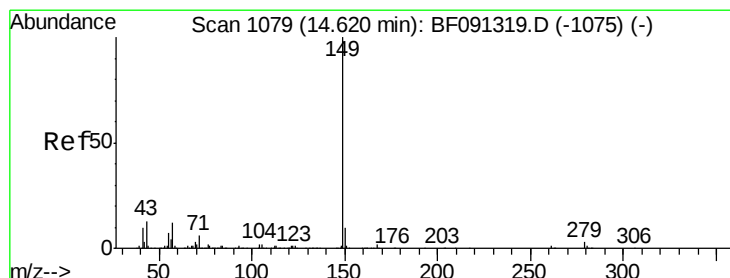
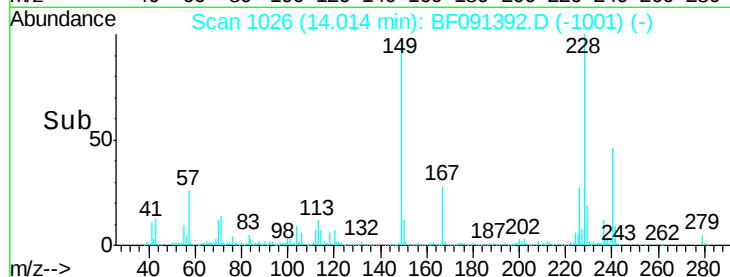
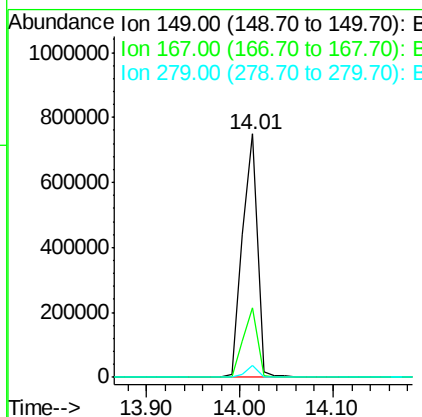
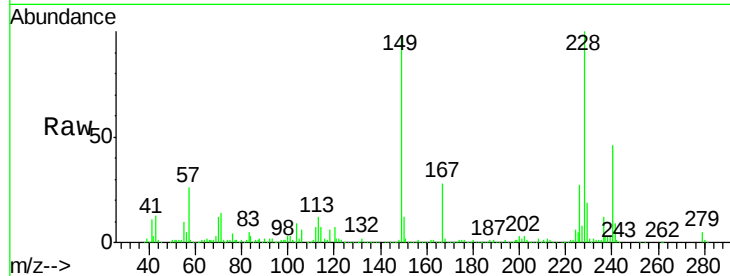
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.05 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleID :
 PB95000BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	840161		
167	28.8	19.6	29.4	
279	4.7	1.9	2.9#	

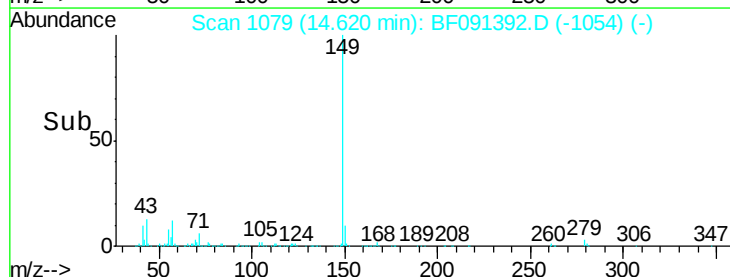
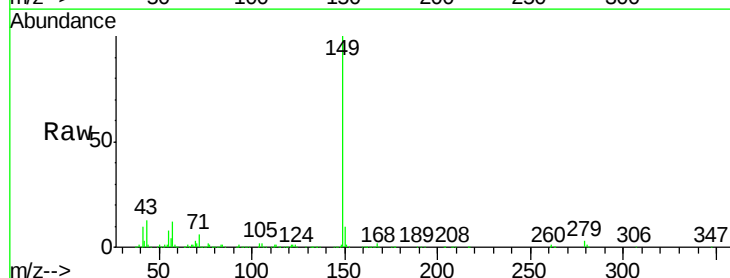
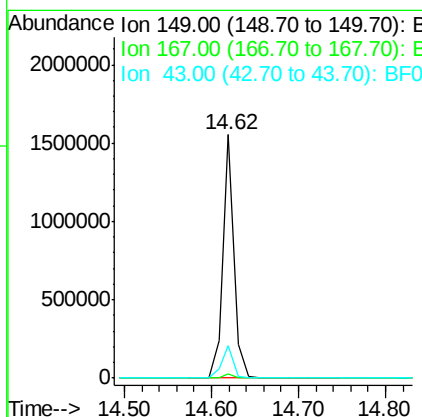
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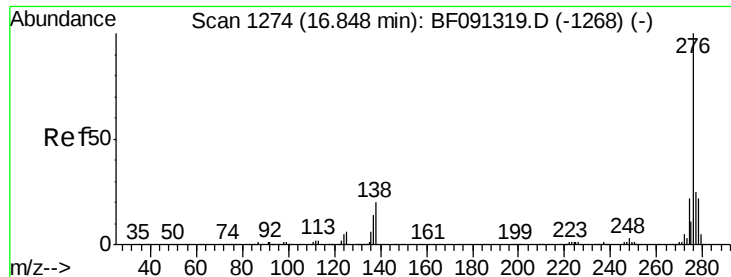
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#84
 Di-n-octyl phthalate
 Concen: 39.59 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1396155		
167	1.6	1.3	1.9	
43	13.9	11.9	17.9	





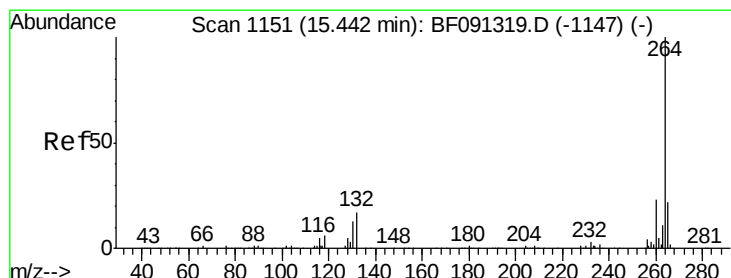
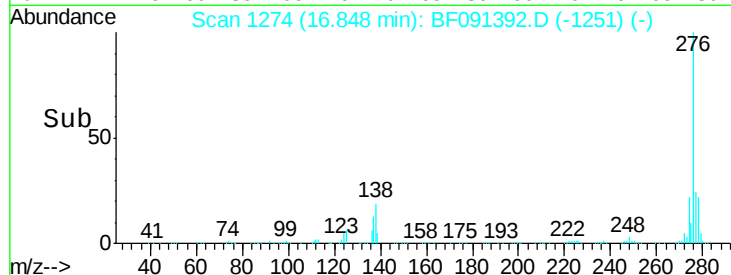
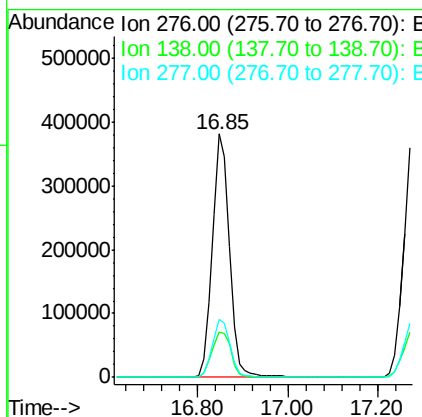
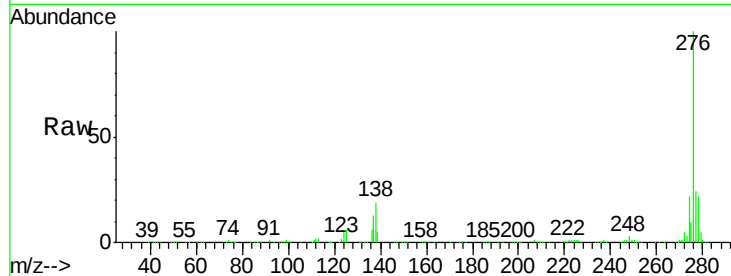
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.71 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion: 276 Resp: 1018624
 Ion Ratio Lower Upper
 276 100
 138 21.0 21.0 31.4#
 277 24.8 20.2 30.2

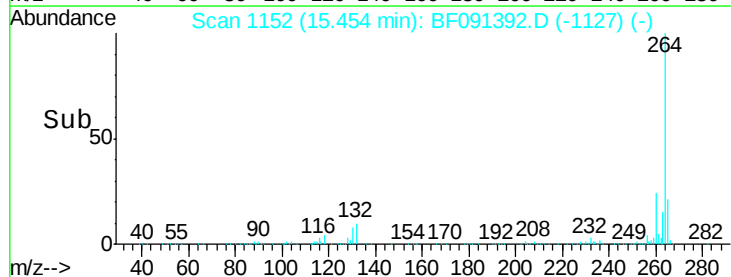
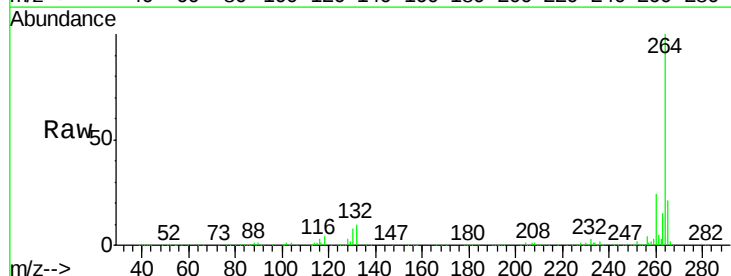
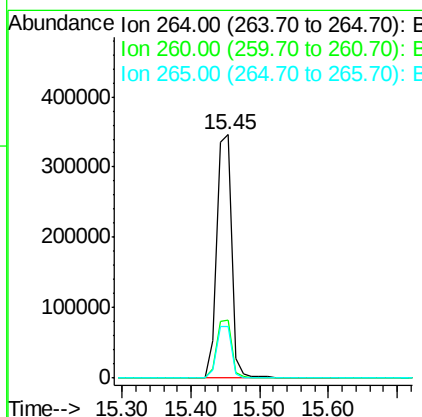
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion: 264 Resp: 535951
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.4 17.0 25.6





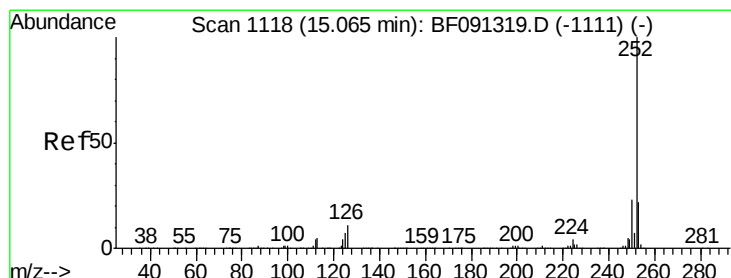
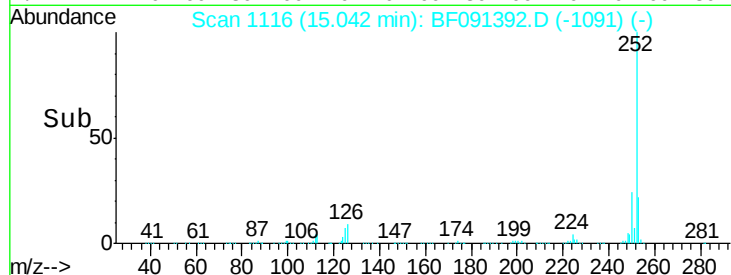
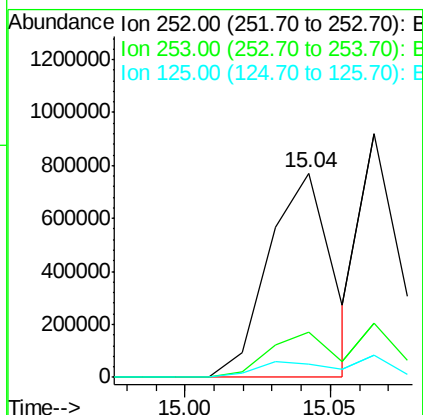
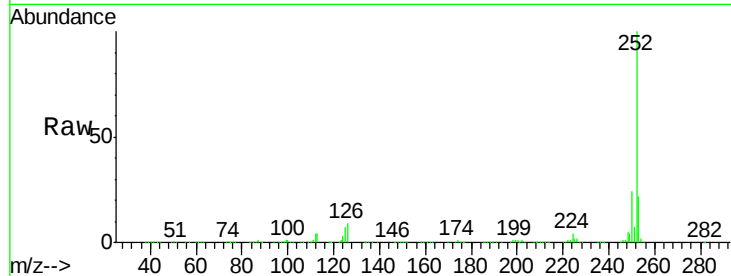
#87
Benzo(b)fluoranthene
Concen: 35.03 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion: 252 Resp: 1167105
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 6.5 8.6 13.0#

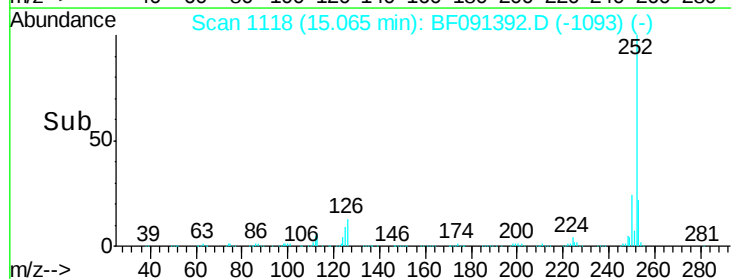
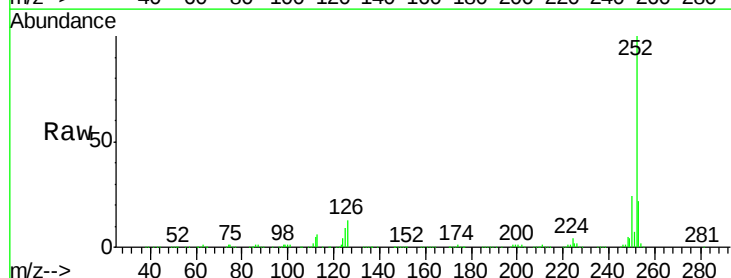
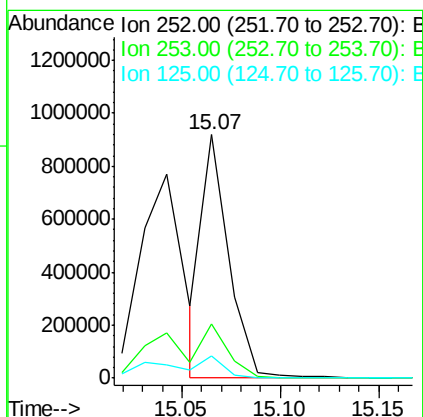
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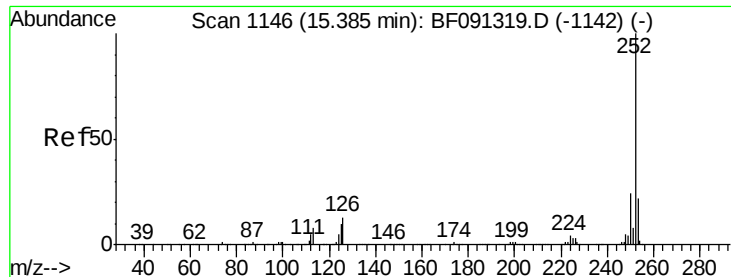
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#88
Benzo(k)fluoranthene
Concen: 31.16 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion: 252 Resp: 872804
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.1 9.6 14.4#





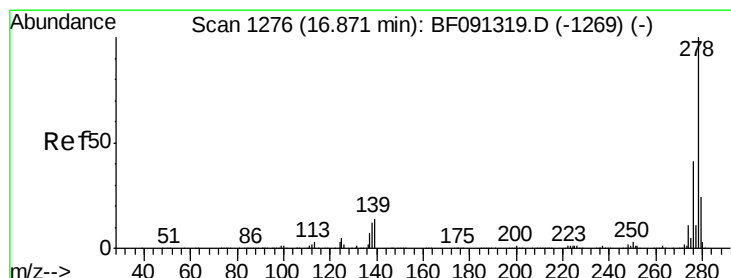
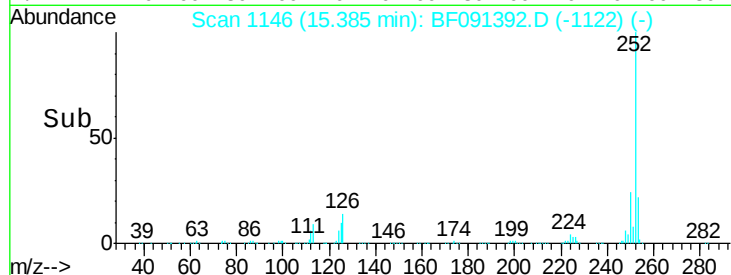
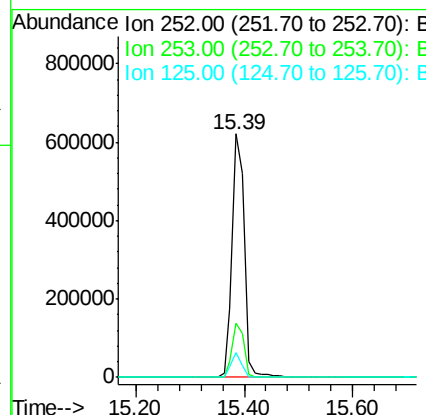
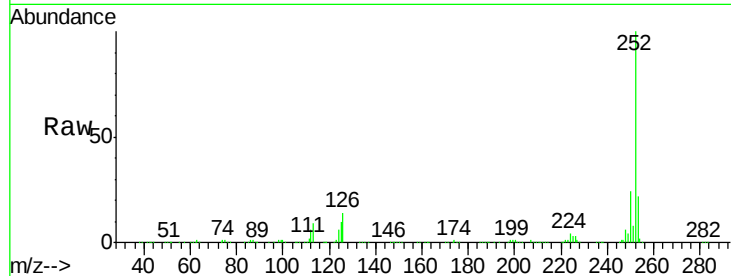
#89
Benzo(a)pyrene
Concen: 32.22 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.4	10.4	15.6

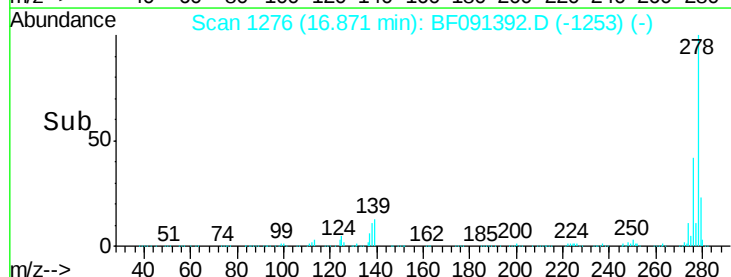
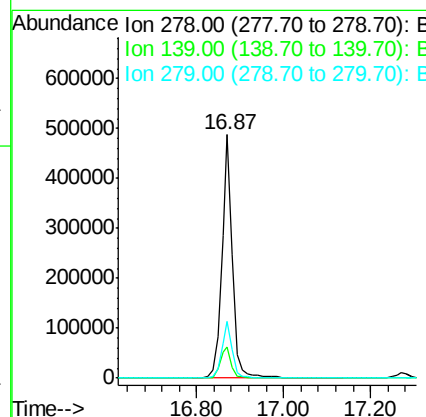
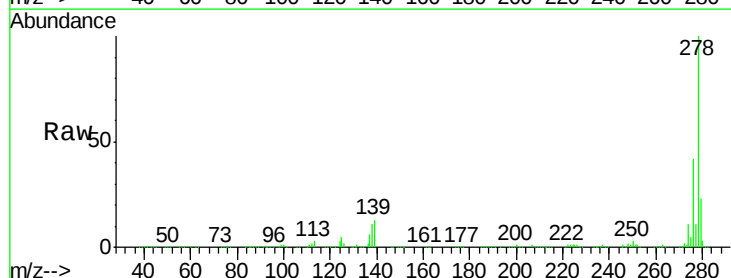
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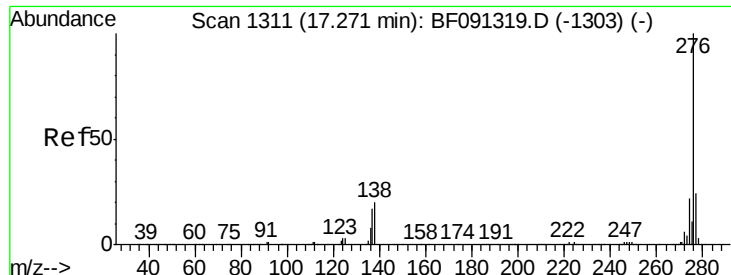
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#90
Dibenzo(a,h)anthracene
Concen: 30.61 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	15.1	22.7#
279	23.4	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 29.44 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.0	28.4
138	19.6	15.4	23.0

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