

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091394.D
 Acq On : 2 Dec 2016 17:33
 Operator : UM/SJ
 Sample : PB94987BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Manual Integrations
 APPROVED

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 12/5/2016 11:20:52 AM

Quant Time: Dec 02 23:01:13 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	197663	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	824529	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	458357	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	849716	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	672031	20.00	ng	-0.02
86) Perylene-d12	15.45	264	551939	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1213758	100.31	ng	0.00
7) Phenol-d6	6.49	99	1487890	99.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	1062532	72.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	501939	115.67	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1733254	68.47	ng	-0.02
78) Terphenyl-d14	12.97	244	2084293	67.41	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	147444	26.94	ng	# 85
3) Pyridine	3.25	79	458617	29.61	ng	# 81
4) n-Nitrosodimethylamine	3.20	42	285469	35.12	ng	100
6) Aniline	6.52	93	368147	18.61	ng	# 81
8) 2-Chlorophenol	6.64	128	438466	33.05	ng	# 79
9) Benzaldehyde	6.40	77	145260	15.17	ng	85
10) Phenol	6.50	94	532468	30.38	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	415471	33.18	ng	96
12) 1,3-Dichlorobenzene	6.80	146	503215	34.10	ng	98
13) 1,4-Dichlorobenzene	6.88	146	500902	34.12	ng	97
14) 1,2-Dichlorobenzene	7.03	146	454186	33.22	ng	98
15) Benzyl Alcohol	7.01	79	455591	38.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	897244	33.32	ng	72
17) 2-Methylphenol	7.12	107	395500	37.72	ng	# 76
18) Hexachloroethane	7.37	117	176819	33.93	ng	# 85
19) n-Nitroso-di-n-propylamine	7.28	70	356113	37.95	ng	# 93
20) 3+4-Methylphenols	7.27	107	457084	35.70	ng	# 64
22) Acetophenone	7.27	105	618999	31.67	ng	# 77
24) Nitrobenzene	7.44	77	479649	31.84	ng	# 91
25) Isophorone	7.68	82	925354	35.50	ng	97
26) 2-Nitrophenol	7.76	139	254094	37.01	ng	90
27) 2,4-Dimethylphenol	7.80	122	437853	34.10	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	587250	37.43	ng	100
29) 2,4-Dichlorophenol	8.00	162	394498	34.92	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	437482	34.54	ng	96
31) Naphthalene	8.17	128	1327671	33.88	ng	99
32) Benzoic acid	7.93	122	353925	37.39	ng	84
33) 4-Chloroaniline	8.21	127	127405	7.61	ng	# 94
34) Hexachlorobutadiene	8.29	225	245529	31.53	ng	96
35) Caprolactam	8.58	113	138055m	42.52	ng	
36) 4-Chloro-3-methylphenol	8.70	107	423145	34.69	ng	98
37) 2-Methylnaphthalene	8.86	142	879012	33.02	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	455481	35.25	ng	98
40) Hexachlorocyclopentadiene	9.02	237	498080	83.16	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	312945	37.26	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	307473	36.54	ng #	91
45) 1,1'-Biphenyl	9.33	154	1201482	36.45	ng	96
46) 2-Chloronaphthalene	9.35	162	890643	36.29	ng	97
47) 2-Nitroaniline	9.44	65	328554	37.27	ng #	80
48) Acenaphthylene	9.76	152	1257980	32.56	ng	99
49) Dimethylphthalate	9.64	163	1028006	37.04	ng	99
50) 2,6-Dinitrotoluene	9.68	165	232616	37.50	ng	91
51) Acenaphthene	9.93	154	939960	36.07	ng	97
52) 3-Nitroaniline	9.85	138	124982	17.41	ng	90
53) 2,4-Dinitrophenol	9.96	184	236070m	87.02	ng	
54) Dibenzofuran	10.10	168	1202779	34.47	ng	99
55) 4-Nitrophenol	10.01	139	399548	77.04	ng	94
56) 2,4-Dinitrotoluene	10.09	165	369925	45.97	ng	95
57) Fluorene	10.45	166	884503	33.02	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	270111	37.59	ng	97
59) Diethylphthalate	10.33	149	1076051	39.28	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	476060	35.43	ng	98
61) 4-Nitroaniline	10.47	138	241046	35.75	ng	90
62) Azobenzene	10.61	77	1160802	41.52	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	169746	36.26	ng #	81
65) n-Nitrosodiphenylamine	10.56	169	823987	31.98	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	308777	33.81	ng #	72
67) Hexachlorobenzene	11.00	284	313204	31.74	ng #	83
68) Atrazine	11.09	200	282404	33.85	ng	99
69) Pentachlorophenol	11.19	266	399342	68.73	ng	94
70) Phenanthrene	11.41	178	1403312	31.78	ng	100
71) Anthracene	11.46	178	1642292	37.48	ng	99
72) Carbazole	11.61	167	1348031	33.90	ng	99
73) Di-n-butylphthalate	11.96	149	1646144	36.53	ng #	98
74) Fluoranthene	12.60	202	1704854	40.76	ng	98
76) Benzidine	12.71	184	382078	19.37	ng	98
77) Pyrene	12.83	202	1703804	33.41	ng	100
79) Butylbenzylphthalate	13.44	149	675918	35.39	ng	88
80) Benzo(a)anthracene	14.01	228	1333327	33.93	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	259236	18.72	ng #	96
82) Chrysene	14.05	228	1335866	34.35	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	918895	37.96	ng #	92
84) Di-n-octyl phthalate	14.62	149	1526404	41.67	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1113891	31.28	ng #	95
87) Benzo(b)fluoranthene	15.04	252	1250825	36.46	ng #	95
88) Benzo(k)fluoranthene	15.07	252	1013959m	35.15	ng	
89) Benzo(a)pyrene	15.40	252	1072236	34.80	ng #	92
90) Dibenzo(a,h)anthracene	16.87	278	910225	31.94	ng #	95
91) Benzo(g,h,i)perylene	17.27	276	928661	31.61	ng	100

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

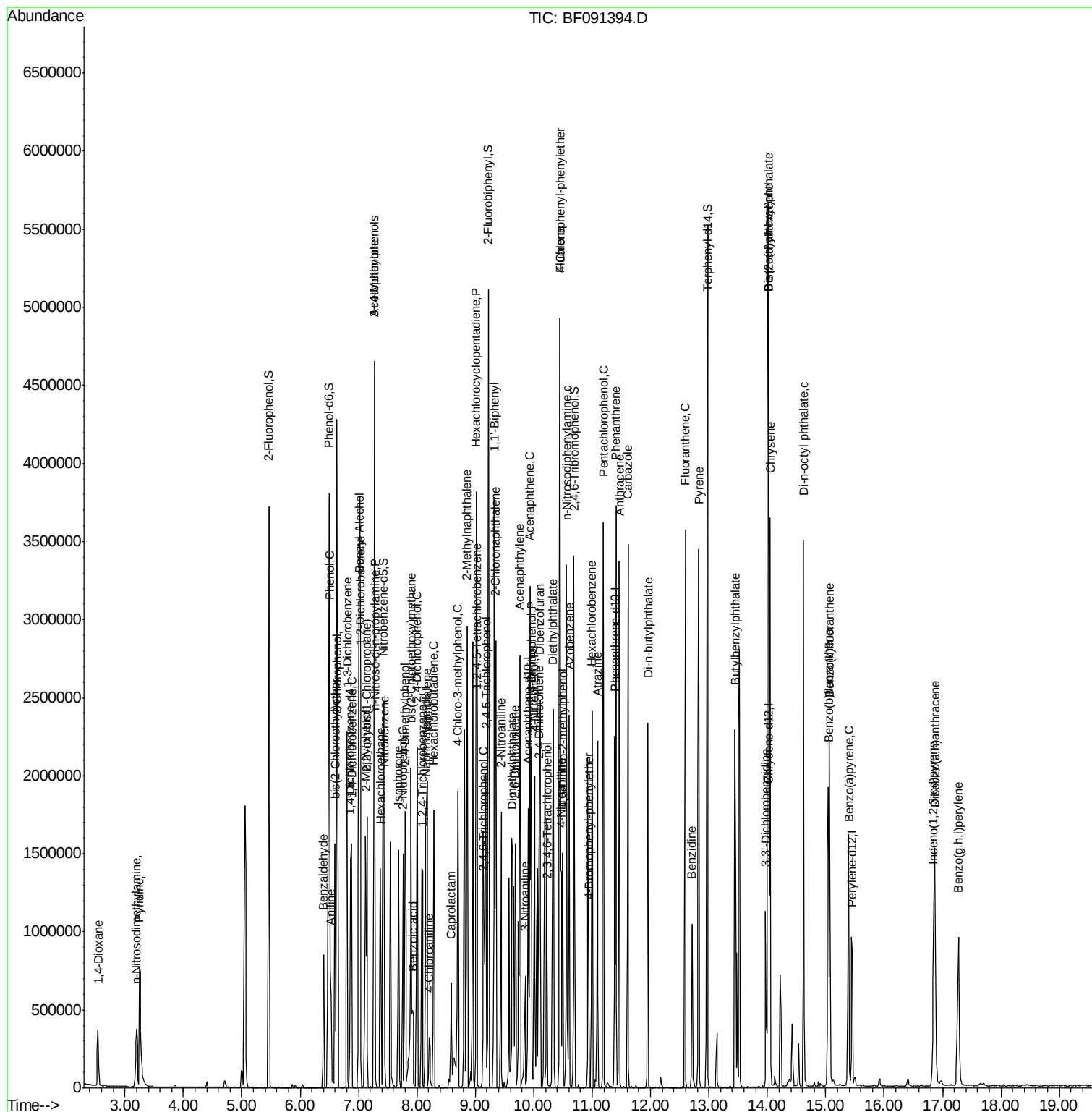
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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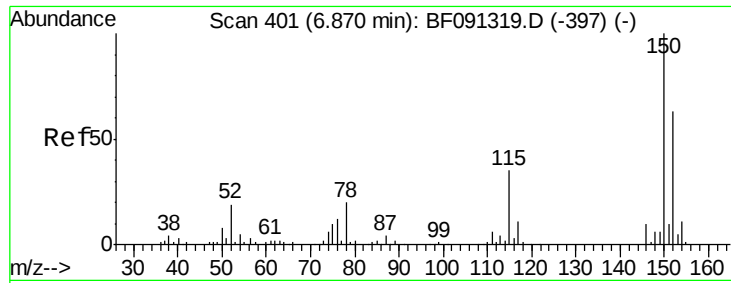
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

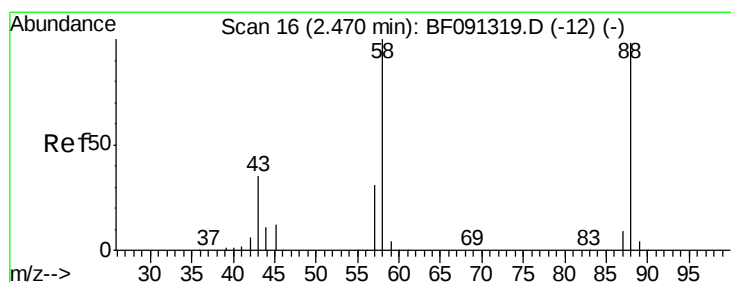
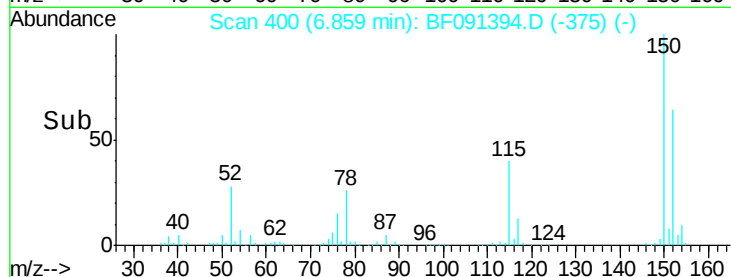
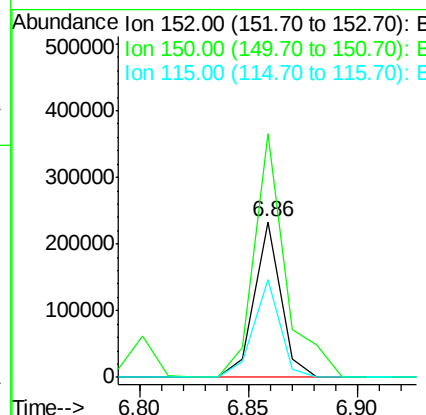
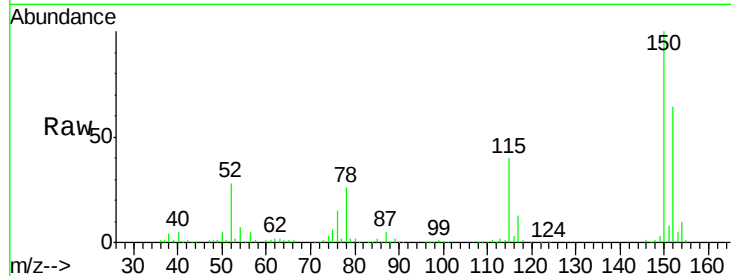
ClientSampleId :

PB94987BS

Tgt Ion:	152	Resp:	197663
Ion Ratio	Lower	Upper	
152	100		
150	156.7	122.5	183.7
115	62.7	51.8	77.8

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#2

1,4-Dioxane

Concen: 26.94 ng

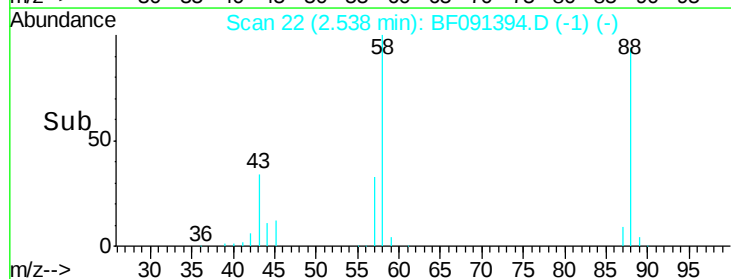
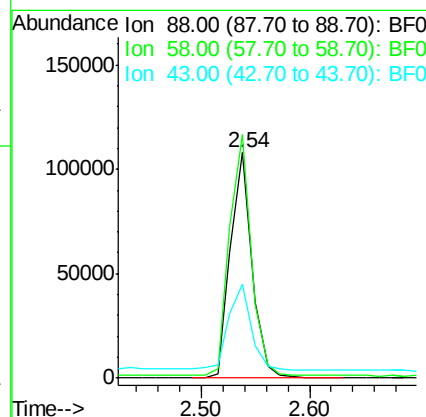
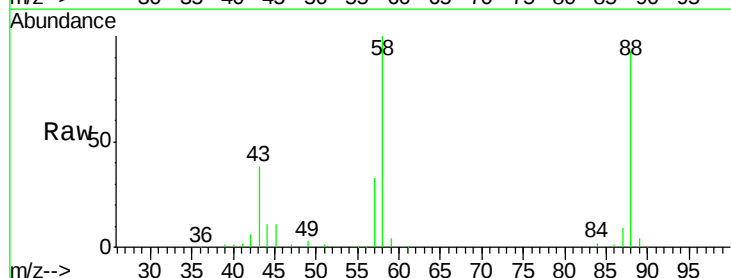
RT: 2.54 min Scan# 22

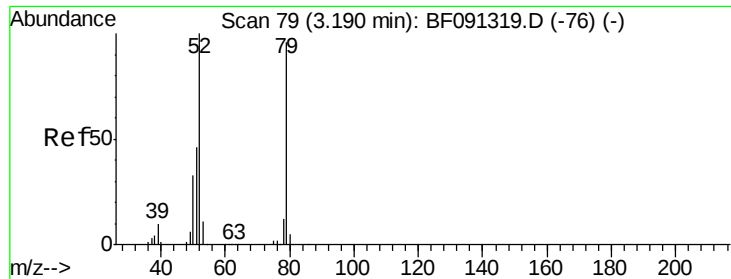
Delta R.T. 0.04 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	88	Resp:	147444
Ion Ratio	Lower	Upper	
88	100		
58	107.5	70.3	105.5#
43	40.3	31.3	46.9





#3

Pyridine

Concen: 29.61 ng

RT: 3.25 min Scan# 84

Delta R.T. 0.03 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

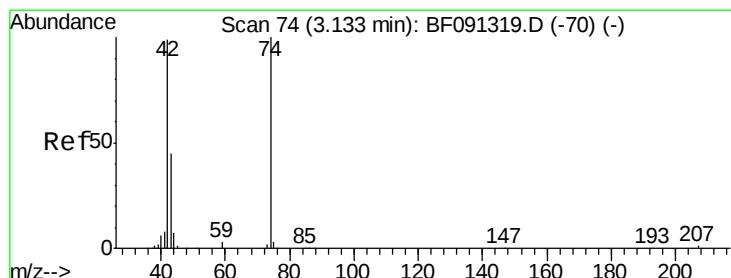
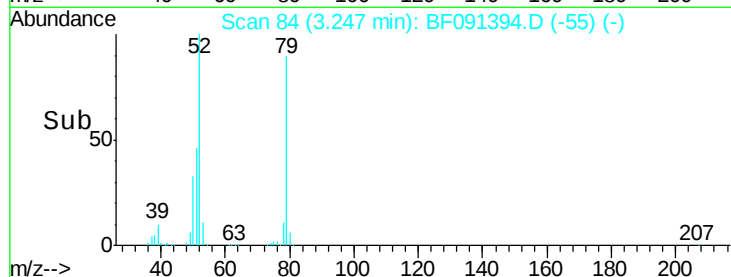
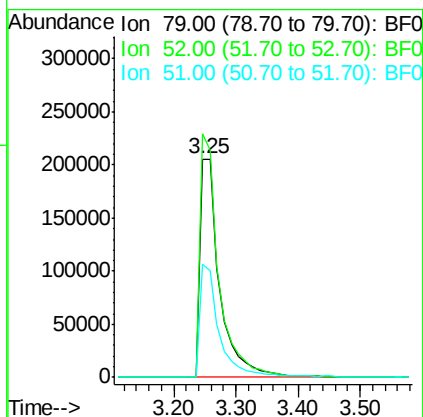
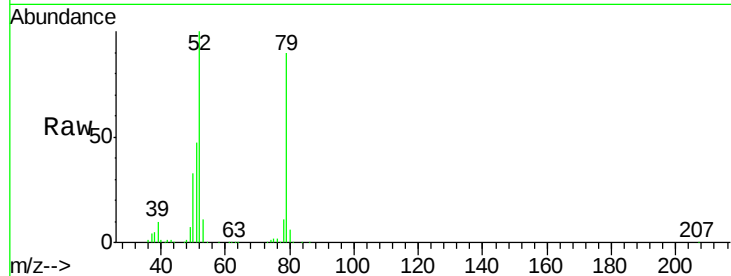
ClientSampleId :

PB94987BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	111.4	71.0	106.4#
51	52.0	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 35.12 ng

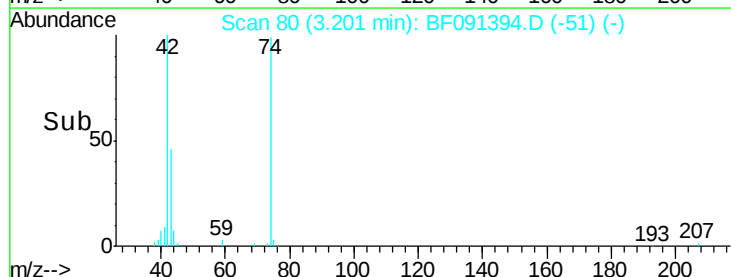
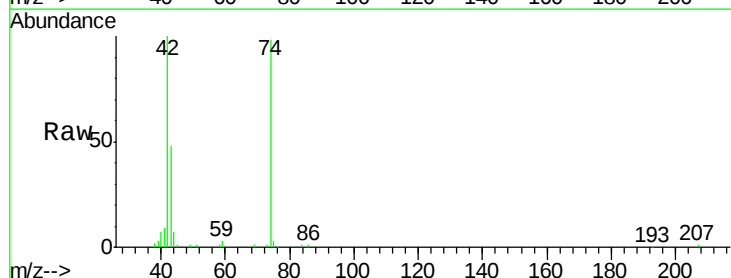
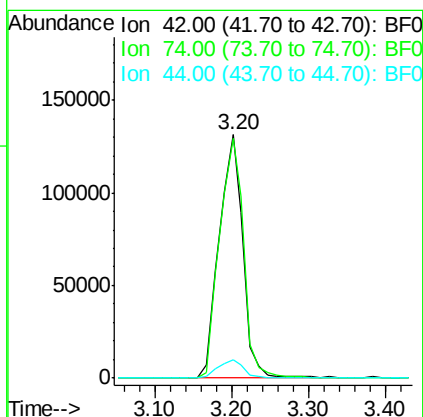
RT: 3.20 min Scan# 80

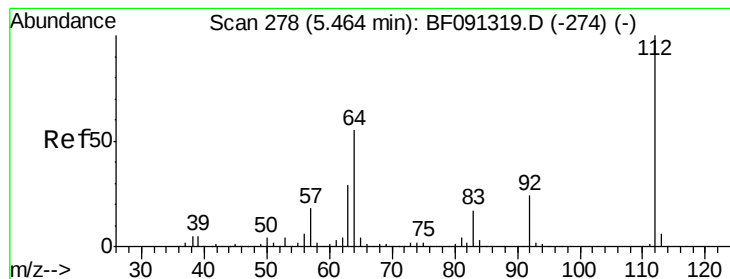
Delta R.T. 0.03 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.4	78.9	118.3
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 100.31 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

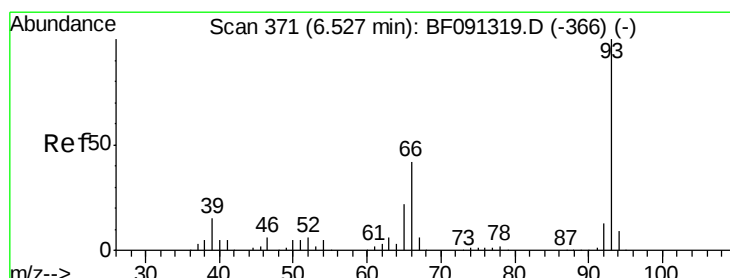
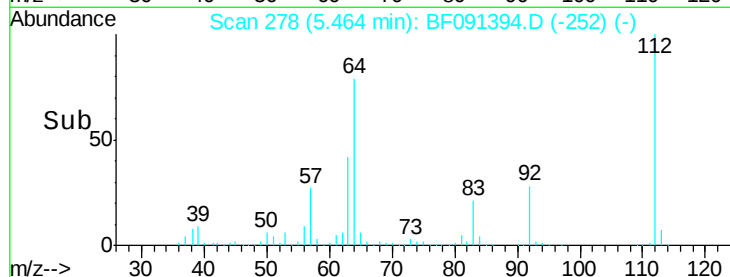
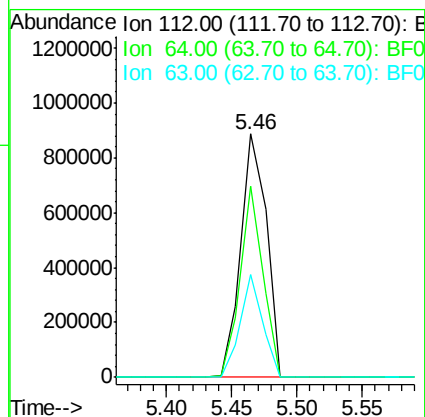
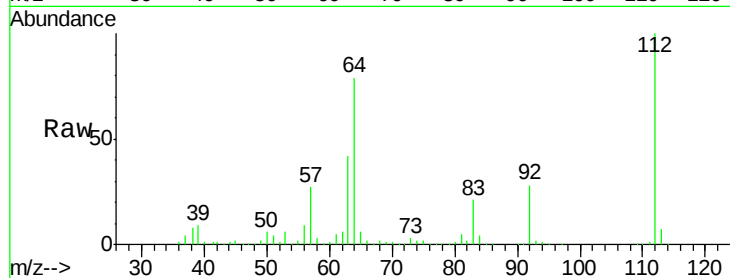
ClientSampleID :

PB94987BS

Tgt Ion:	112	Resp:	1213758
Ion	Ratio	Lower	Upper
112	100		
64	78.5	61.5	92.3
63	42.5	33.3	49.9

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#6

Aniline

Concen: 18.61 ng

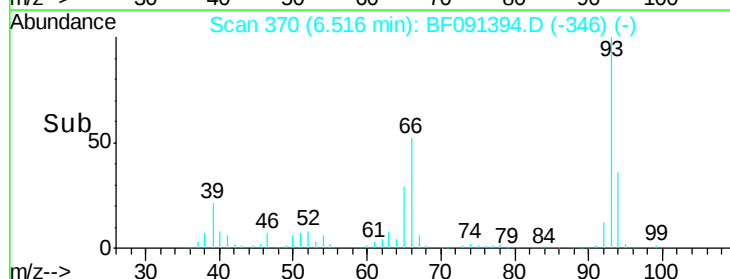
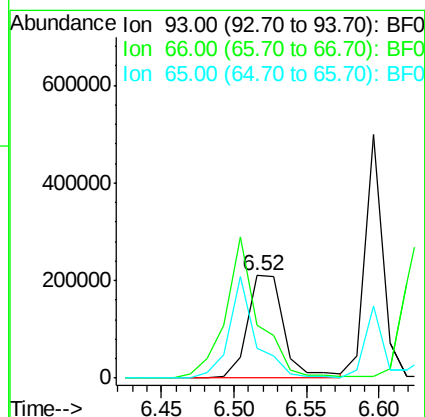
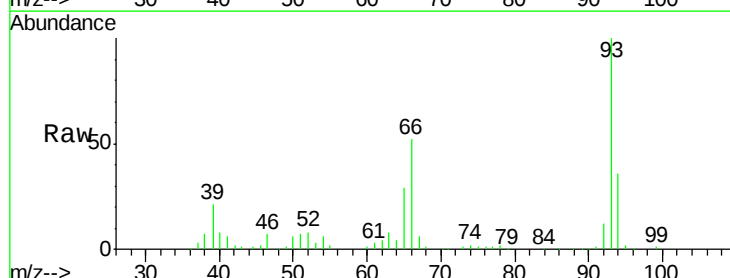
RT: 6.52 min Scan# 370

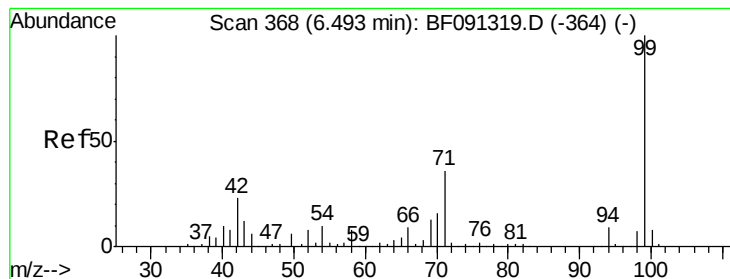
Delta R.T. -0.03 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	93	Resp:	368147
Ion	Ratio	Lower	Upper
93	100		
66	51.9	55.8	83.6#
65	28.7	29.9	44.9#





#7

Phenol-d6

Concen: 99.90 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

ClientSampled :

PB94987BS

Tgt Ion: 99 Resp: 1487890

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

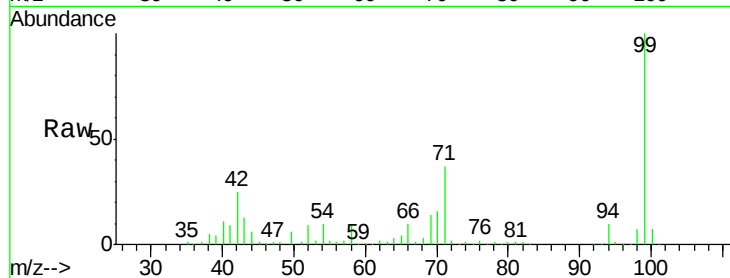
71 37.3 29.9 44.9

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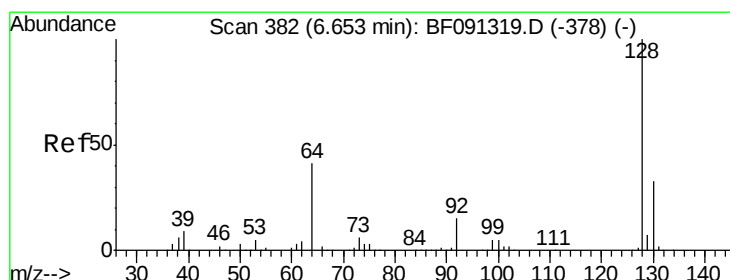
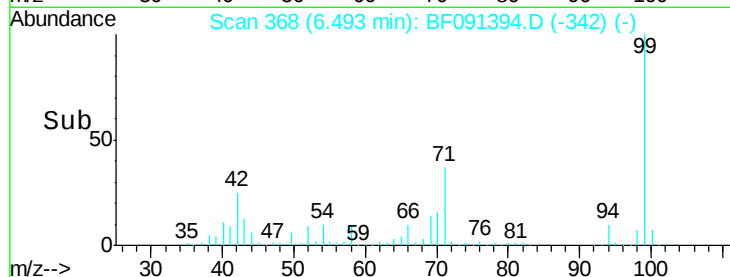
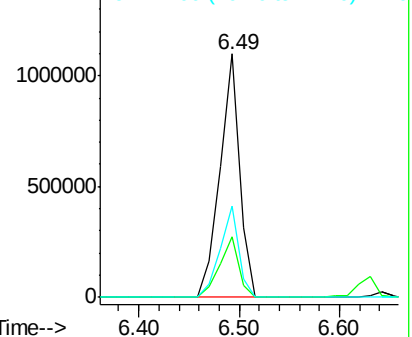
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.05 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

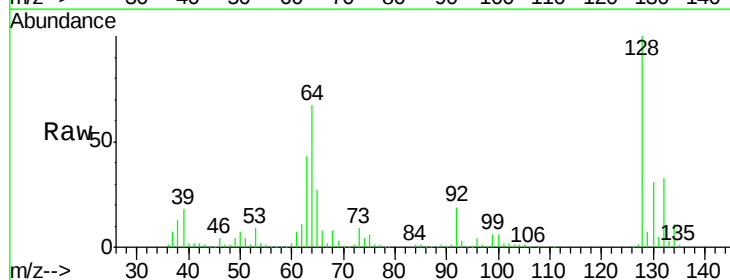
Tgt Ion: 128 Resp: 438466

Ion Ratio Lower Upper

128 100

130 31.4 13.1 53.1

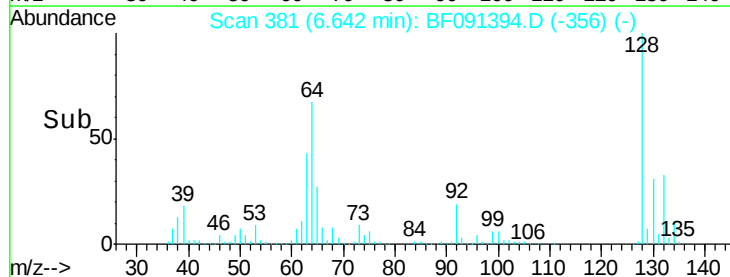
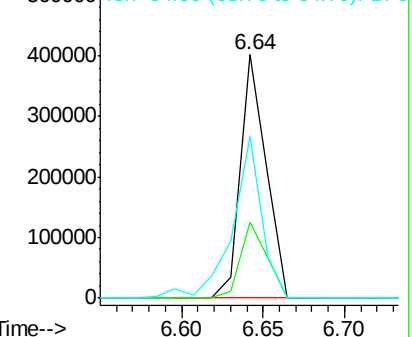
64 66.6 24.1 64.1#

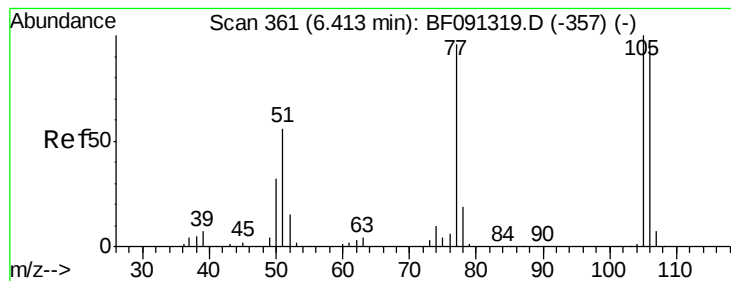


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.17 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

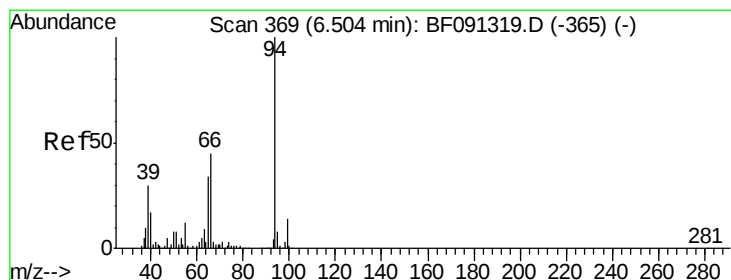
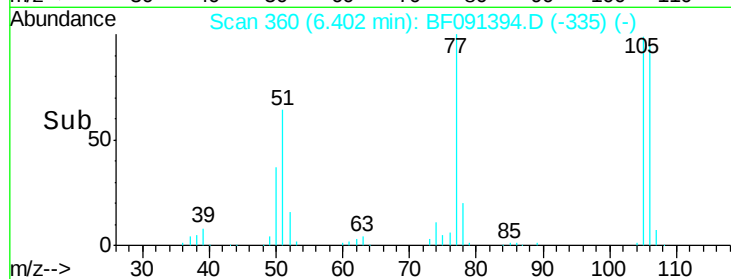
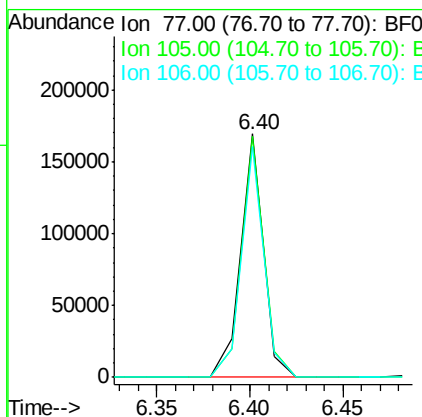
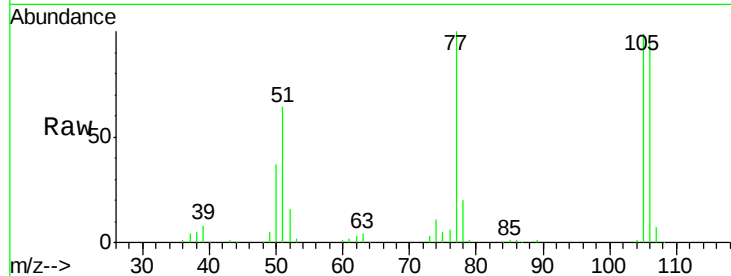
ClientSampleId :

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Tgt Ion:	77	Resp:	145260
Ion Ratio	Lower	Upper	
77	100		
105	98.9	66.4	106.4
106	94.7	60.9	100.9

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#10

Phenol

Concen: 30.38 ng

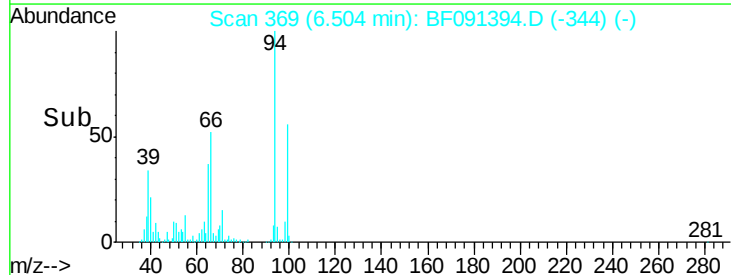
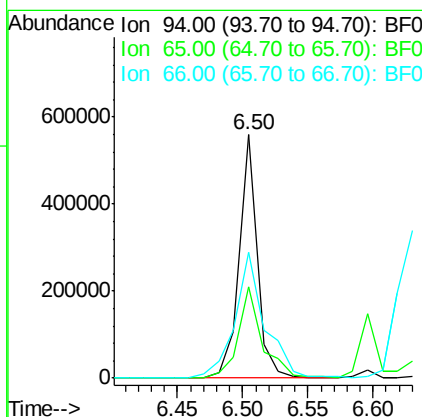
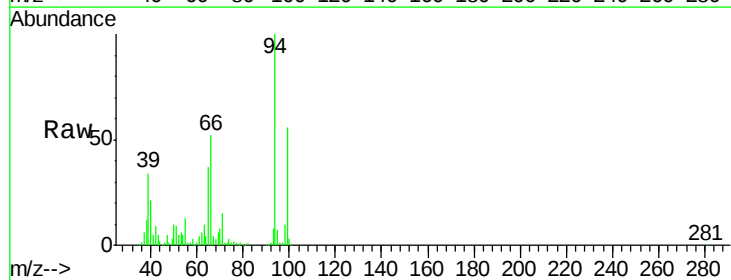
RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	94	Resp:	532468
Ion Ratio	Lower	Upper	
94	100		
65	37.3	16.9	56.9
66	51.7	30.6	70.6





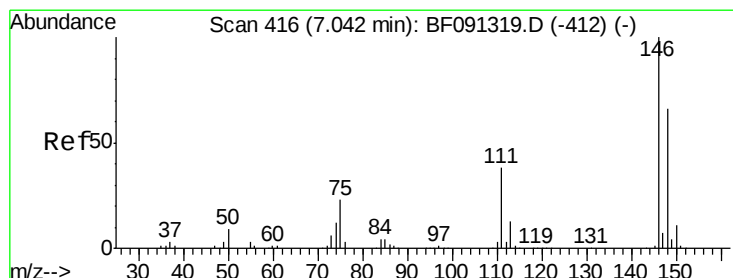
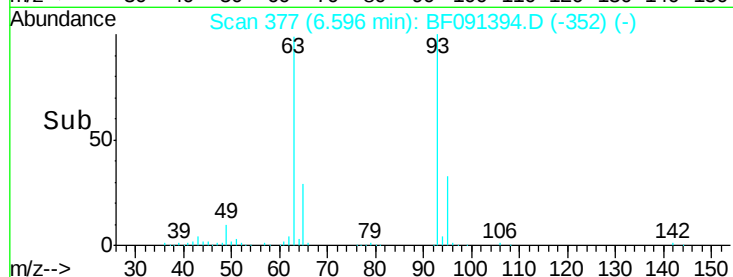
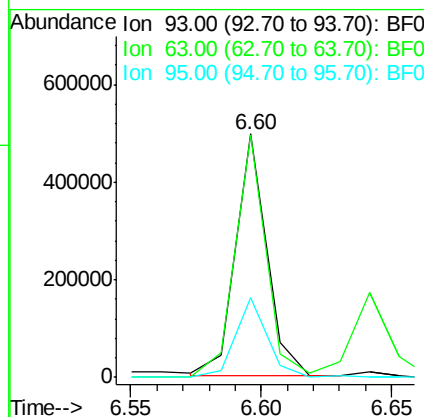
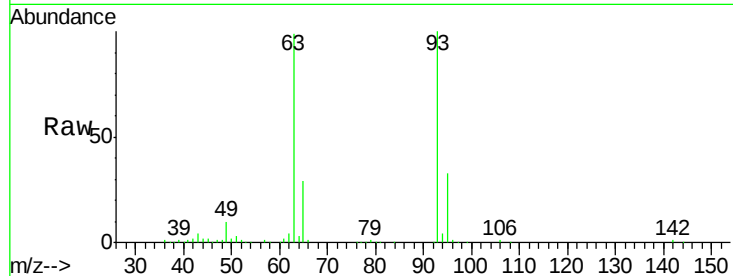
#11
bis(2-Chloroethyl)ether
Concen: 33.18 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	99.3	74.8	114.8
95	32.5	12.4	52.4

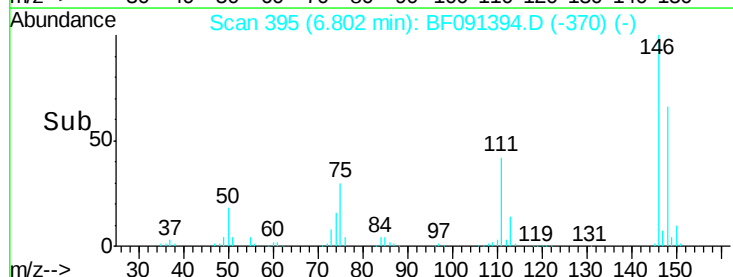
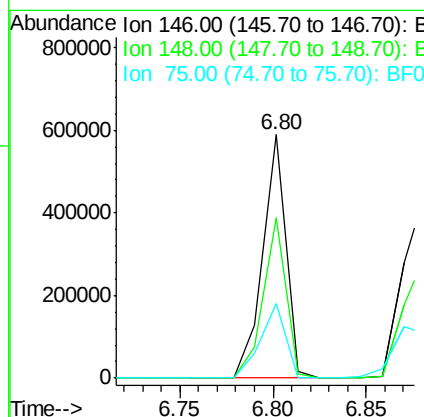
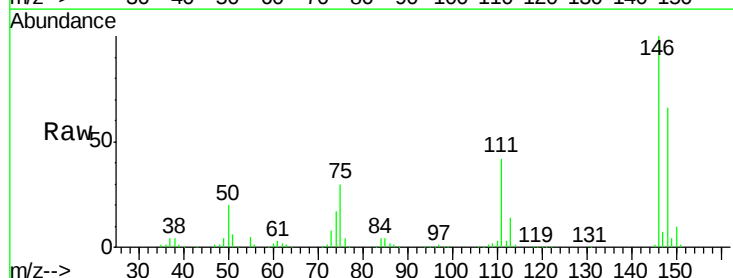
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#12
1,3-Dichlorobenzene
Concen: 34.10 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.0
75	30.4	23.6	35.4





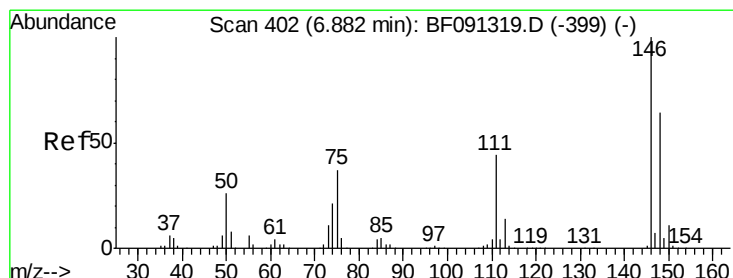
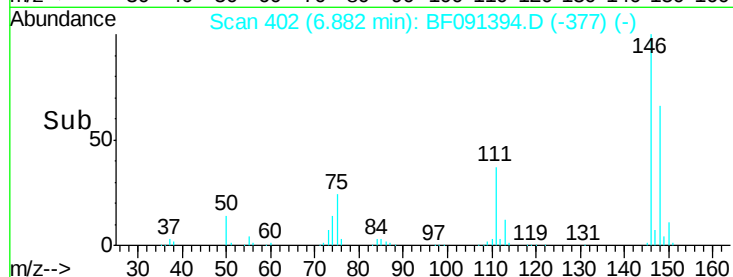
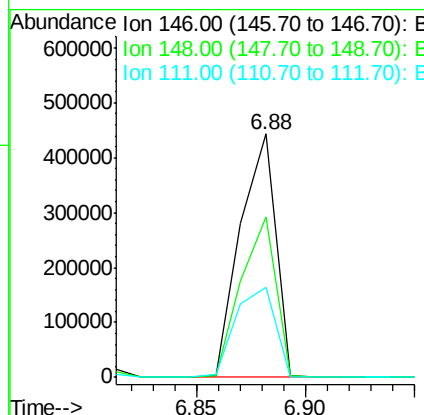
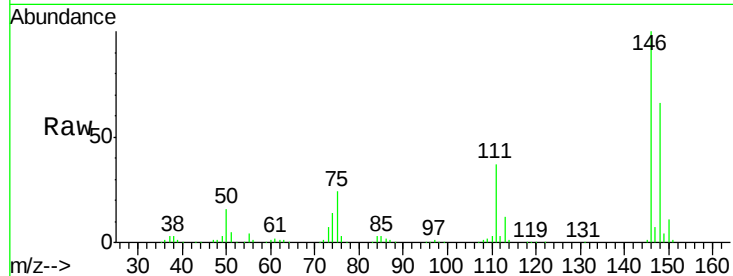
#13
 1,4-Dichlorobenzene
 Concen: 34.12 ng
 RT: 6.88 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.0
111	37.2	32.2	48.2

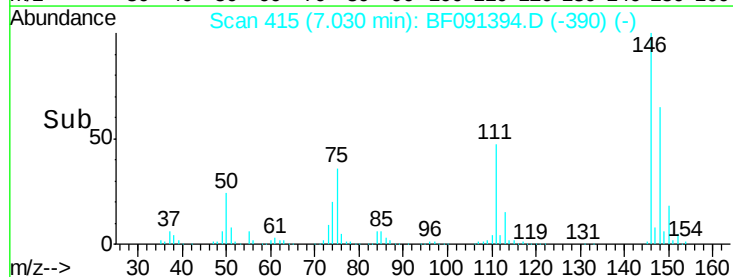
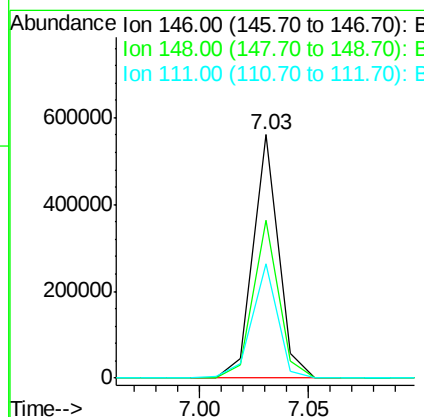
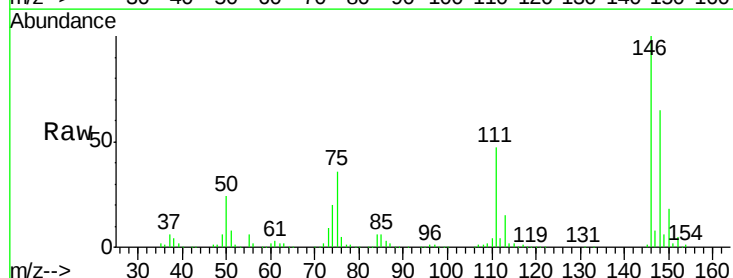
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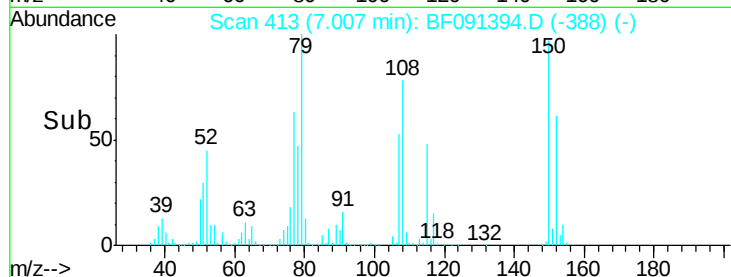
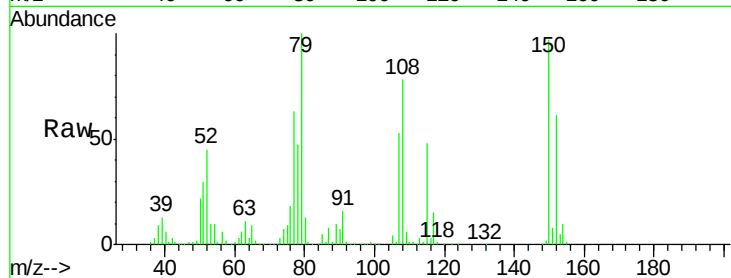
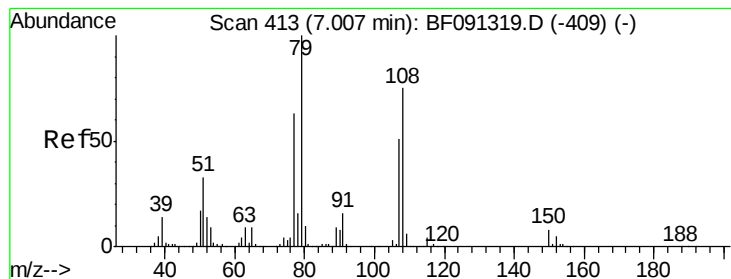
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#14
 1,2-Dichlorobenzene
 Concen: 33.22 ng
 RT: 7.03 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
111	46.9	38.9	58.3





#15

Benzyl Alcohol

Concen: 38.22 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	79	Resp:	455591
Ion Ratio	Lower	Upper	
79	100		
108	77.9	62.7	94.1
77	63.1	51.7	77.5

Instrument :

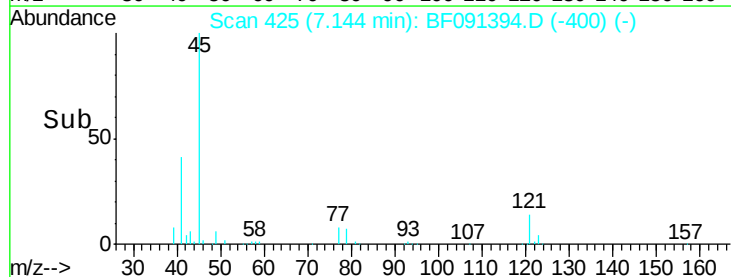
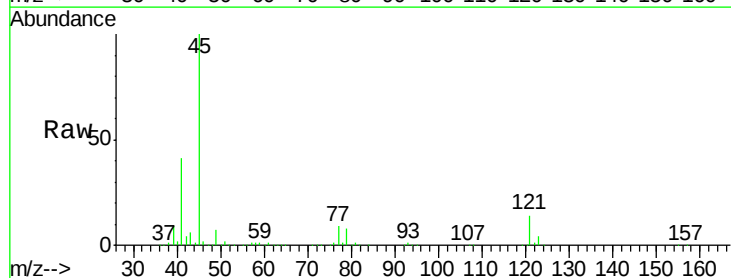
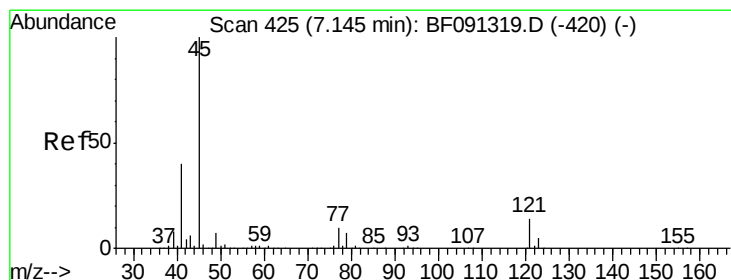
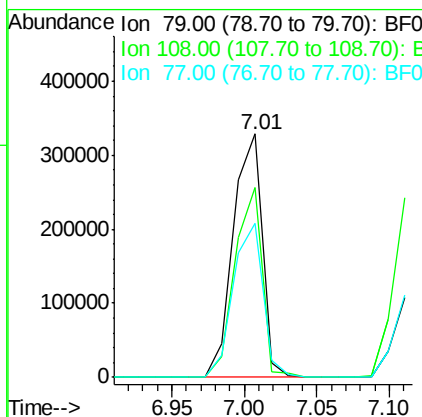
BNA_F

ClientSampleId :

PB94987BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.32 ng

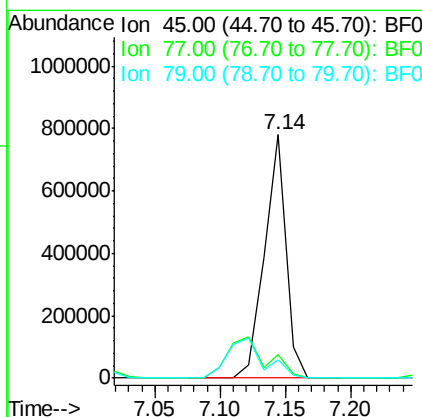
RT: 7.14 min Scan# 425

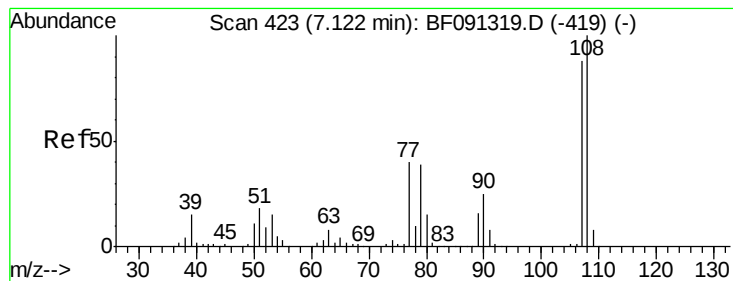
Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	45	Resp:	897244
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.6	0.2	40.2





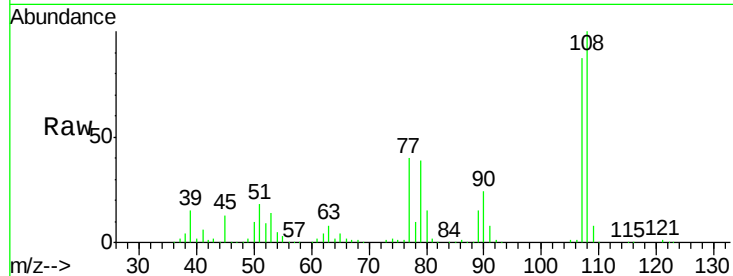
#17
2-Methylphenol
Concen: 37.72 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.7	67.7	101.5#
77	45.8	40.7	61.1
79	44.3	23.4	35.2#

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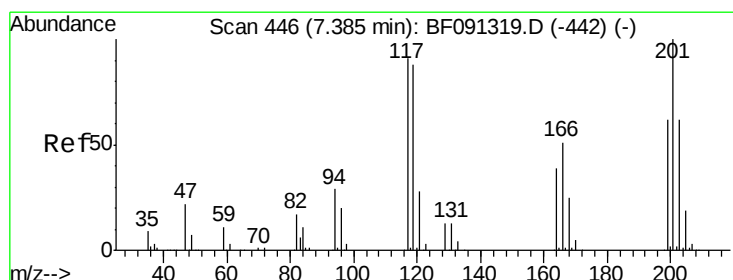
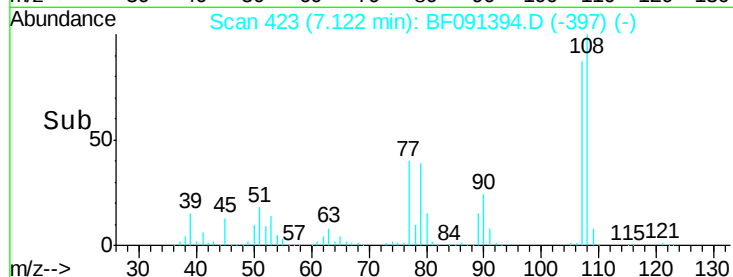
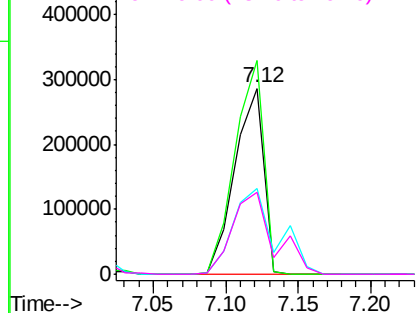
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

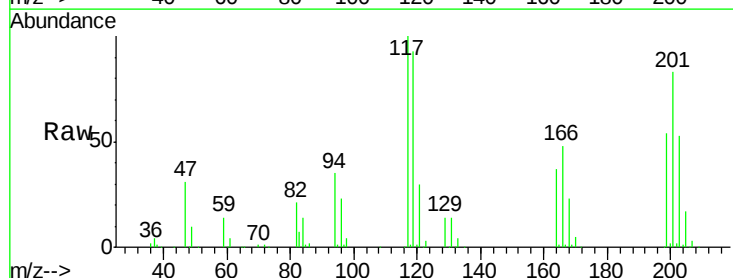
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 33.93 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	92.8	78.6	118.0
201	82.9	86.7	130.1#

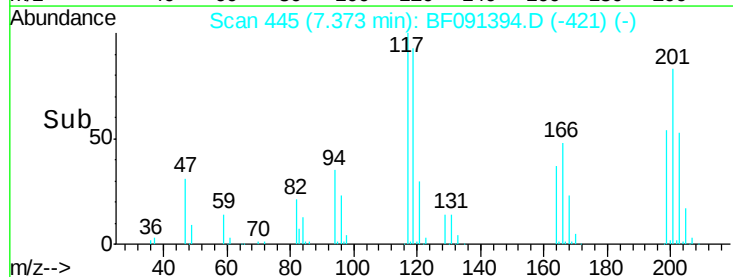
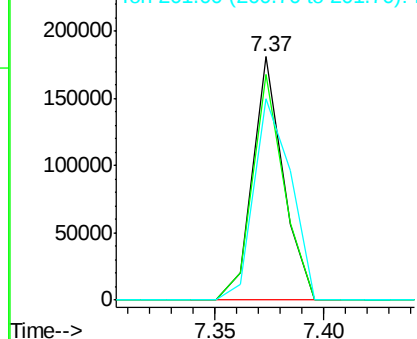


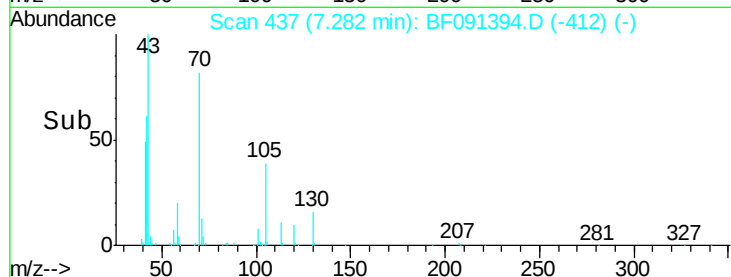
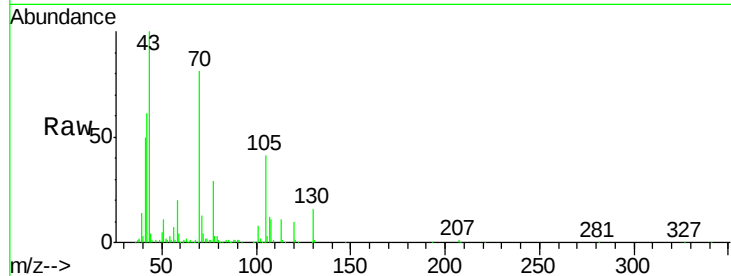
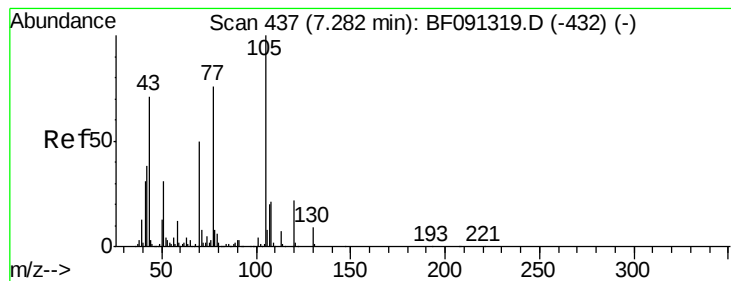
Abundance

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: 37.95 ng

RT: 7.28 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

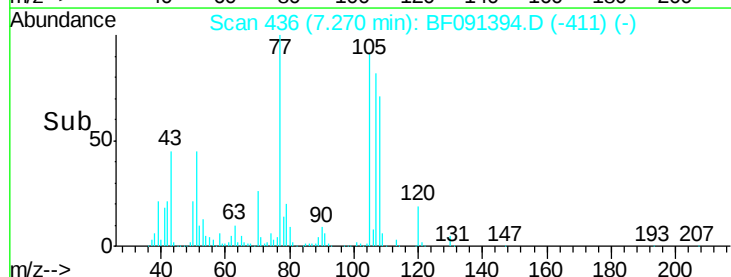
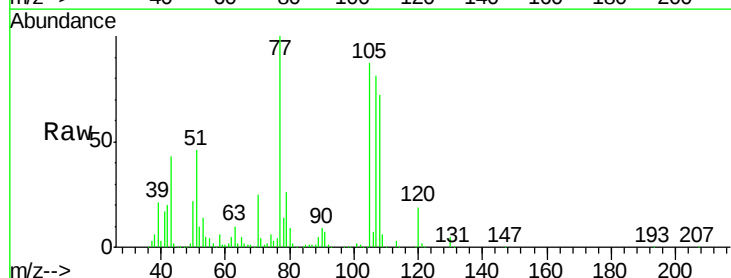
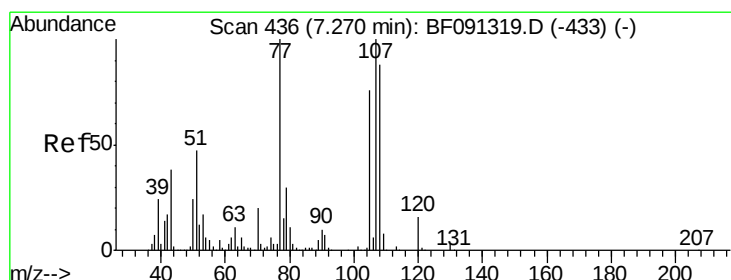
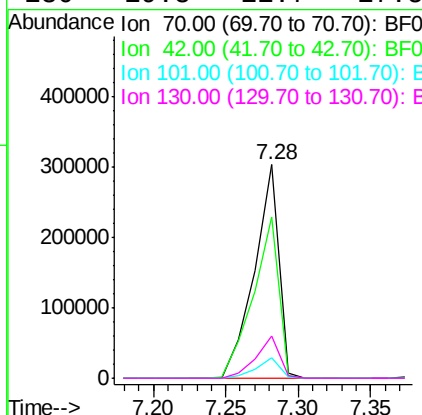
ClientSampleId :

PB94987BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.6	64.8	97.2
101	9.3	6.2	9.4
130	19.8	11.7	17.5#

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#20

3+4-Methylphenols

Concen: 35.70 ng

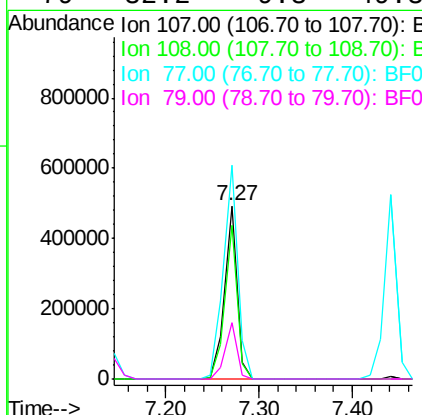
RT: 7.27 min Scan# 436

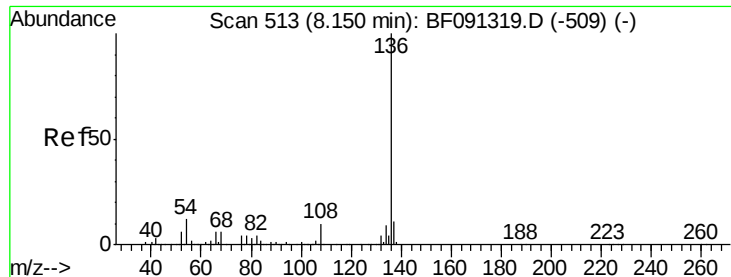
Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	64.6	104.6
77	123.5	30.9	70.9#
79	32.2	9.3	49.3





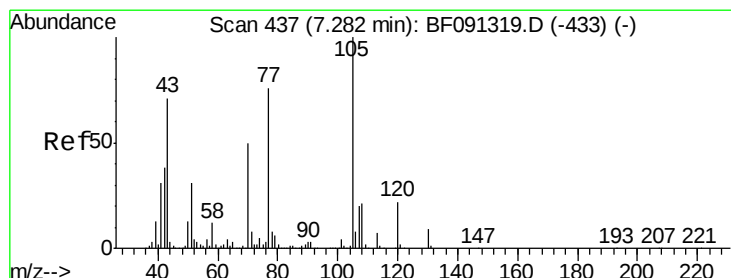
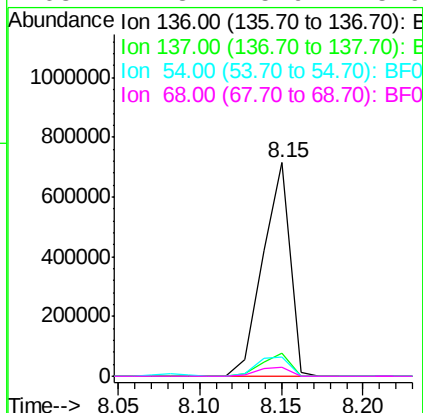
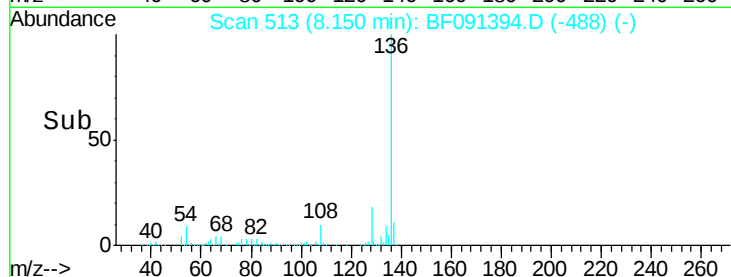
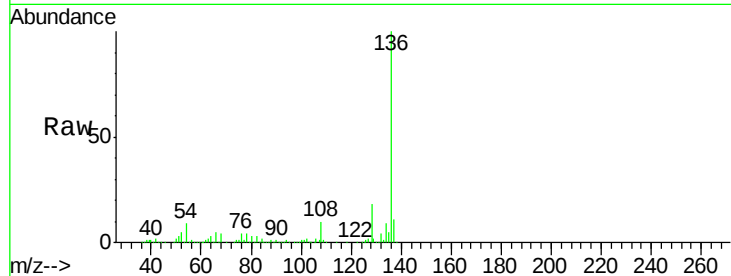
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampled :
PB94987BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.1	13.7
54	8.8	9.1	13.7#
68	4.3	5.9	8.9#

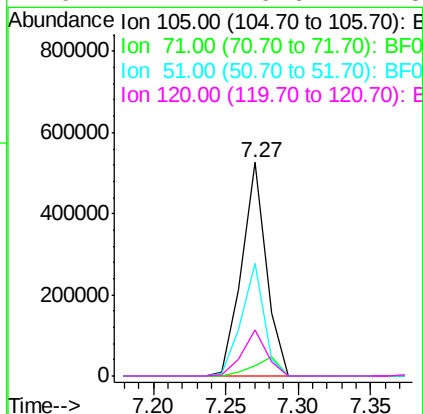
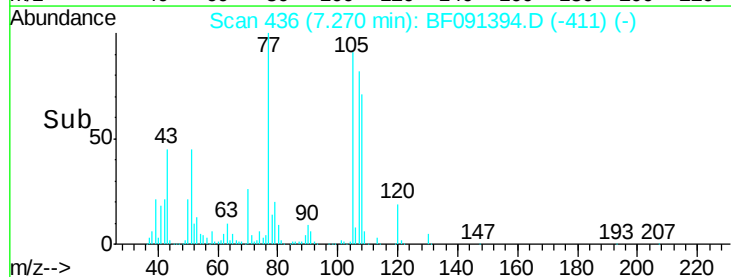
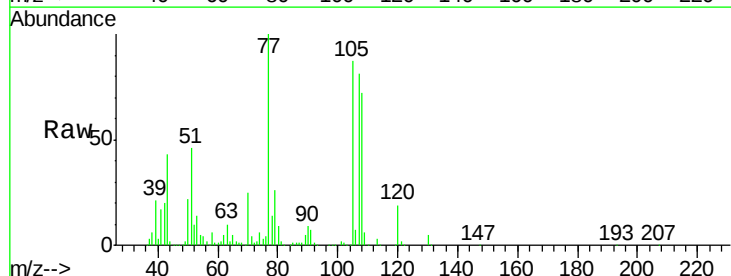
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#22
Acetophenone
Concen: 31.67 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.8	7.9	11.9#
51	52.6	24.5	36.7#
120	21.4	16.6	24.8





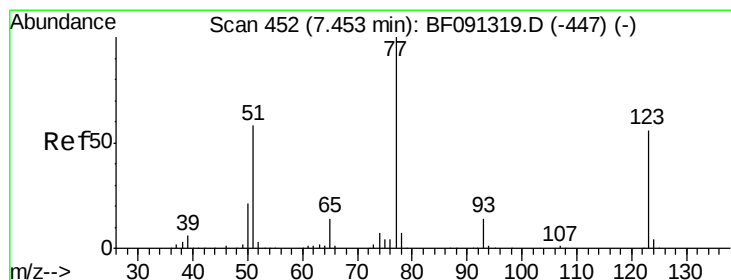
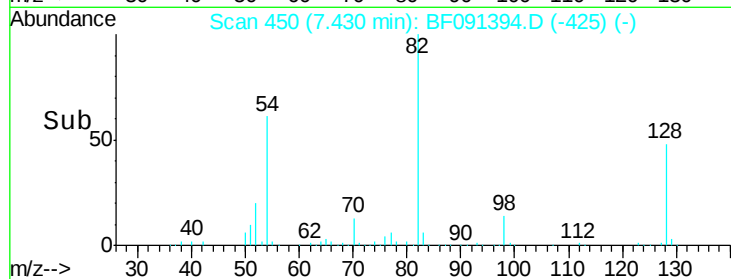
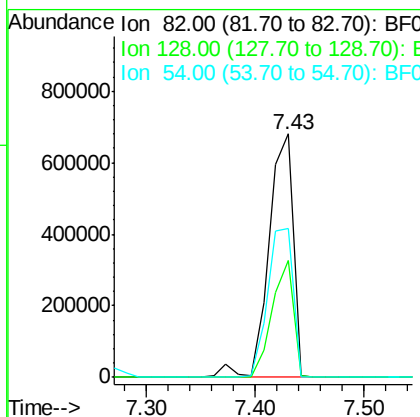
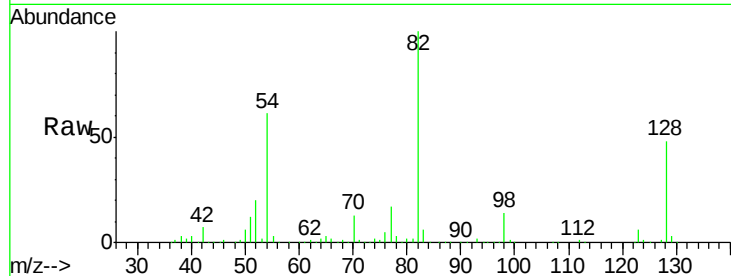
#23
 Nitrobenzene-d5
 Concen: 72.22 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampled :
 PB94987BS

Tgt Ion: 82 Resp: 1062532
 Ion Ratio Lower Upper
 82 100
 128 47.9 31.8 47.6#
 54 60.9 49.1 73.7

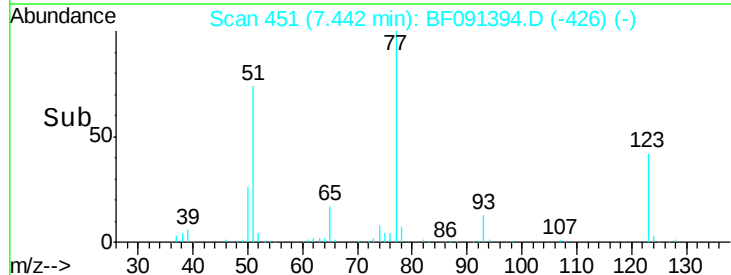
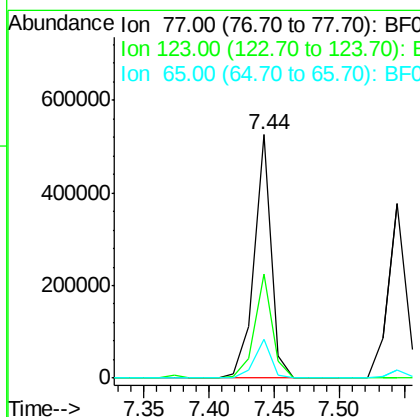
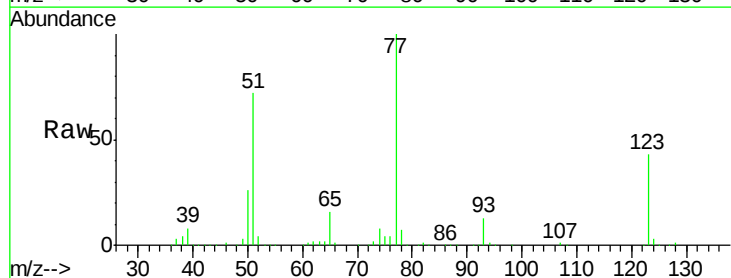
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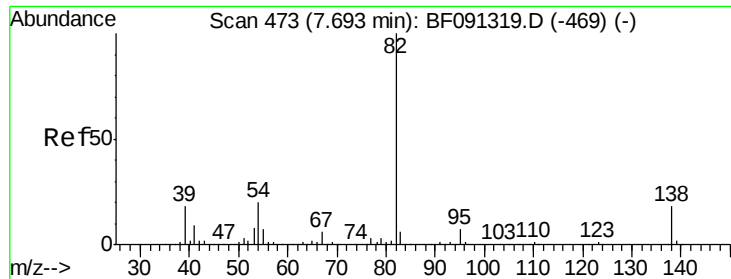
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#24
 Nitrobenzene
 Concen: 31.84 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion: 77 Resp: 479649
 Ion Ratio Lower Upper
 77 100
 123 42.7 28.5 42.7#
 65 16.1 12.5 18.7





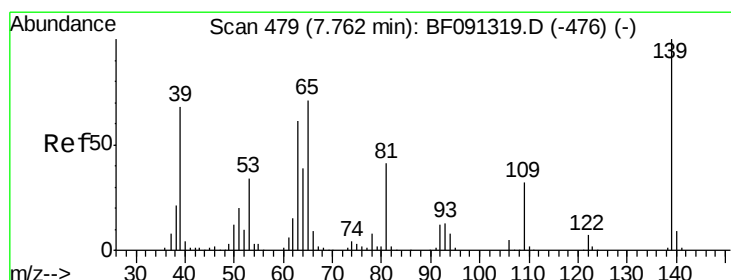
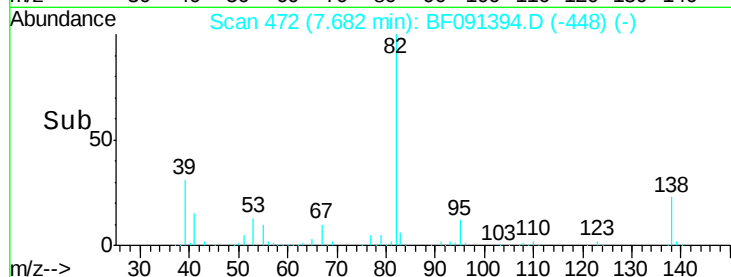
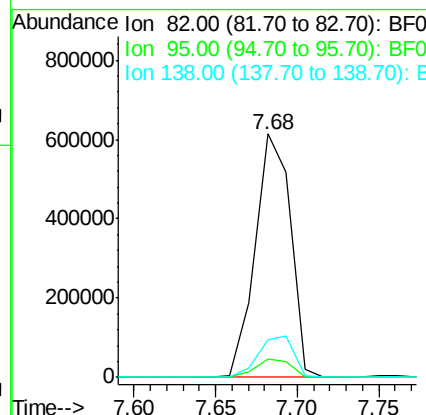
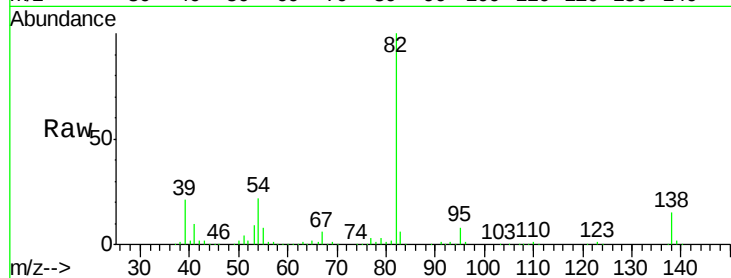
#25
Isophorone
Concen: 35.50 ng
RT: 7.68 min Scan# 472
Delta R.T. -0.03 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	925354		
95	7.6	5.7	8.5	
138	15.2	13.4	20.0	

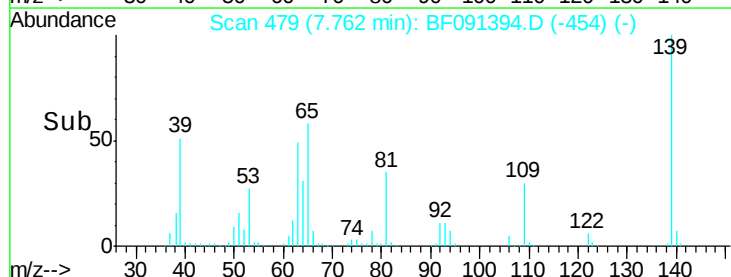
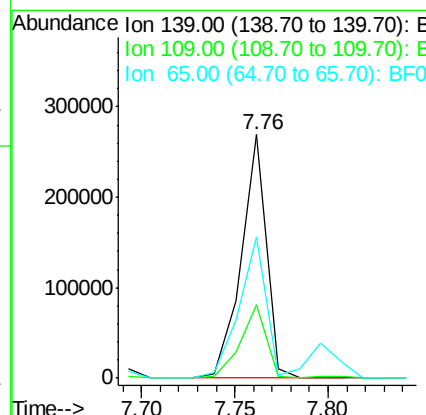
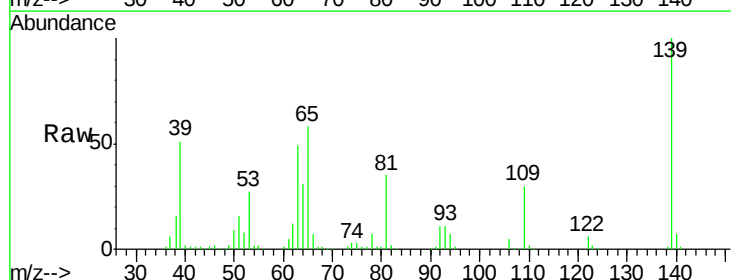
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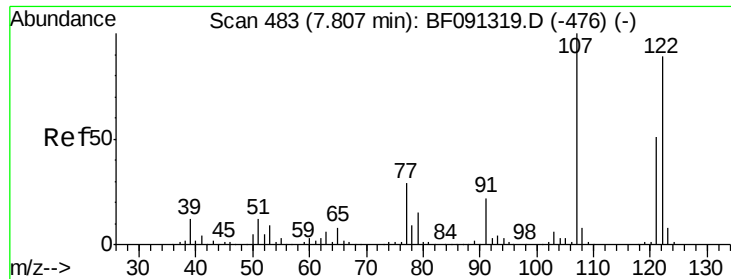
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#26
2-Nitrophenol
Concen: 37.01 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	254094		
109	30.3	25.3	37.9	
65	57.9	55.4	83.2	





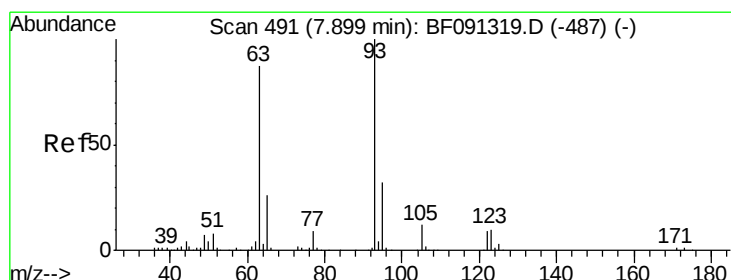
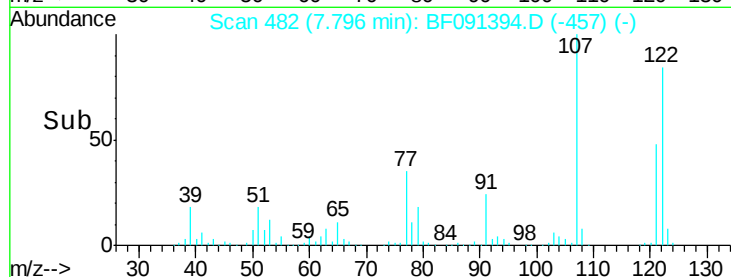
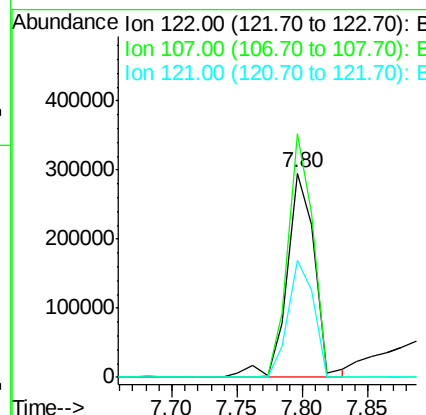
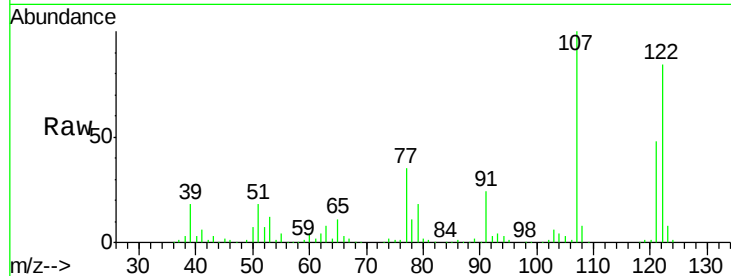
#27
 2,4-Dimethylphenol
 Concen: 34.10 ng
 RT: 7.80 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	437853		
107	119.1	96.8	145.2	
121	56.9	47.7	71.5	

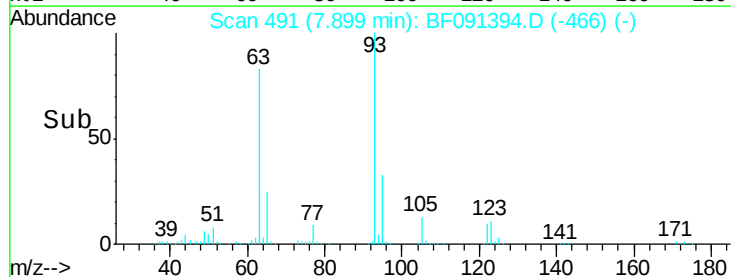
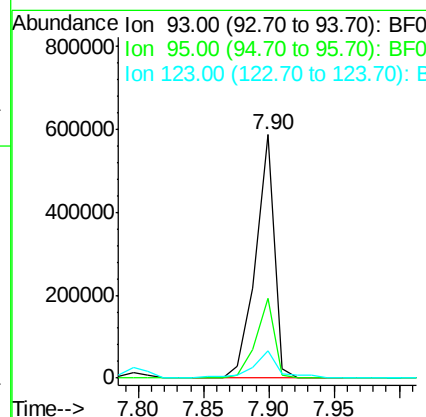
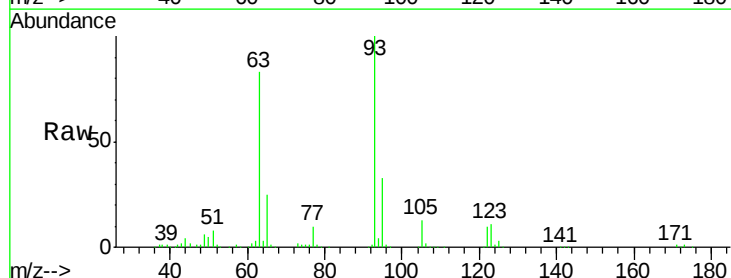
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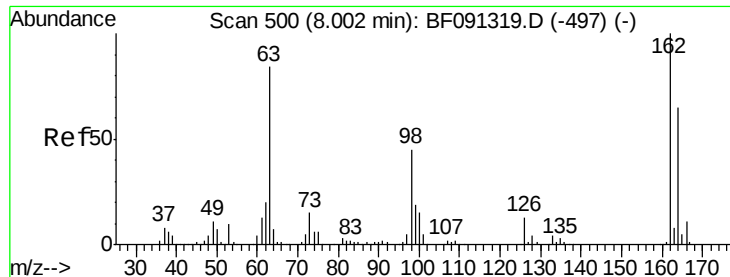
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.43 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	587250		
95	32.6	26.0	39.0	
123	11.2	8.6	12.8	





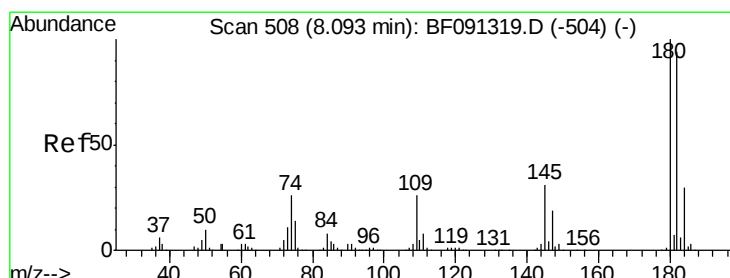
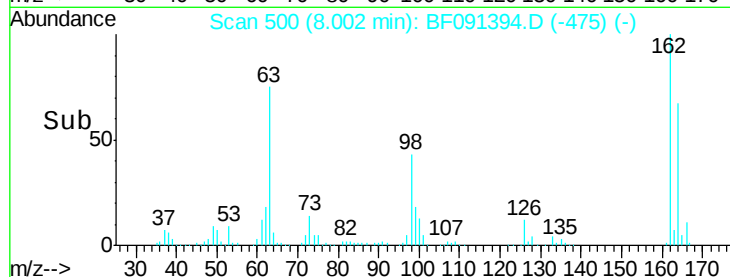
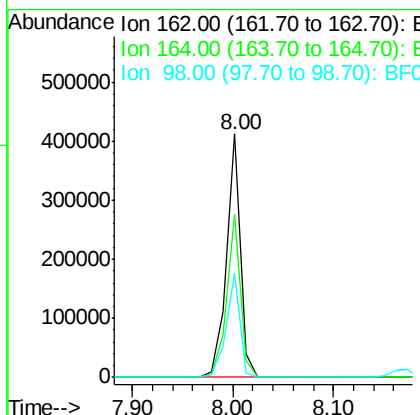
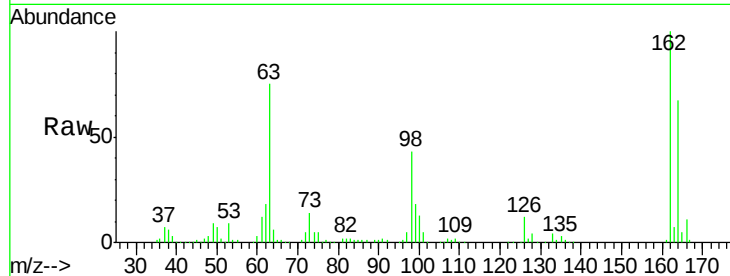
#29
2,4-Dichlorophenol
Concen: 34.92 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampled :
PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	394498		
164	67.1	45.0	85.0	
98	42.5	21.3	61.3	

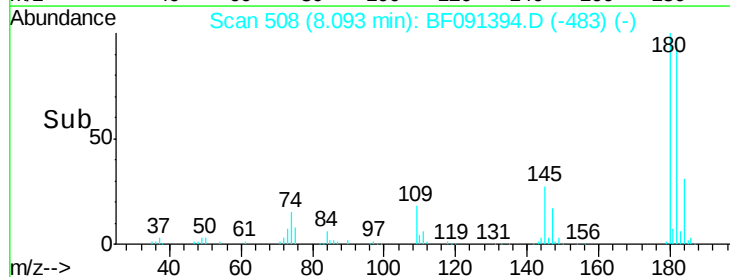
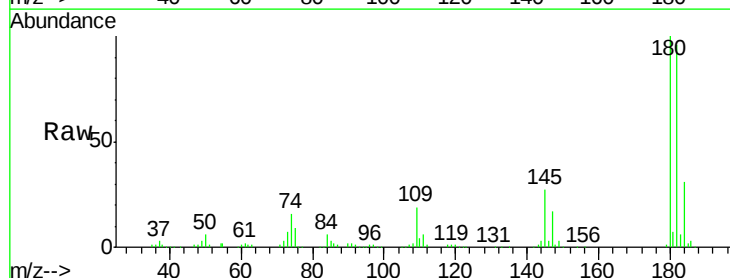
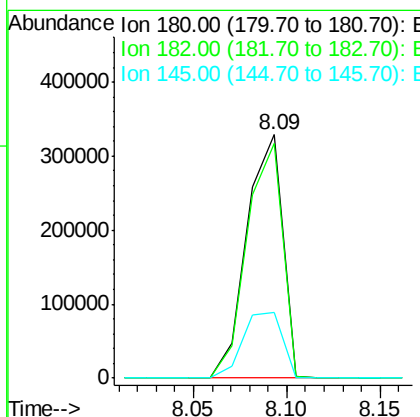
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#30
1,2,4-Trichlorobenzene
Concen: 34.54 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	437482		
182	96.2	75.8	113.8	
145	27.0	27.0	40.4	





#31

Naphthalene

Concen: 33.88 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

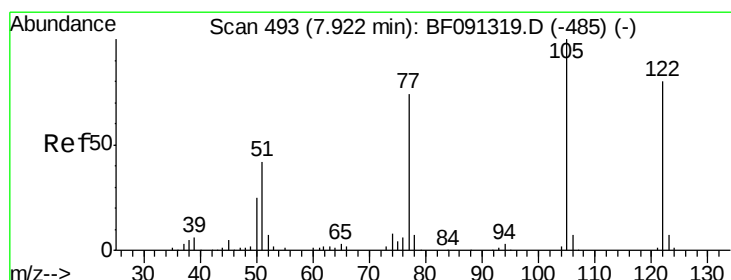
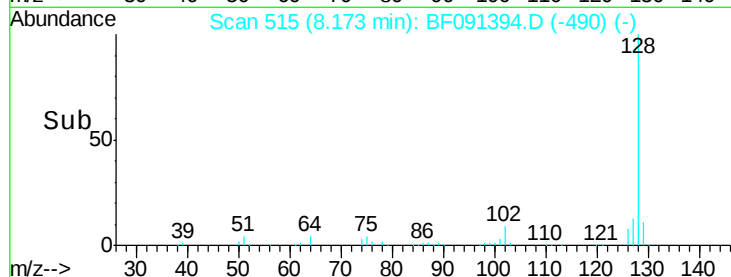
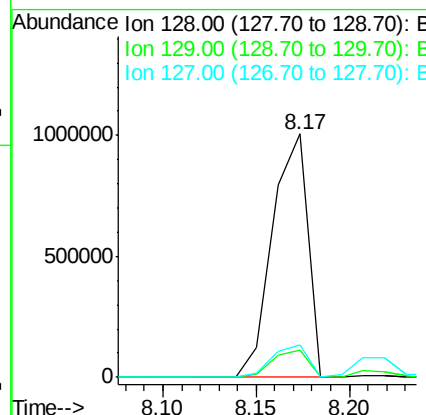
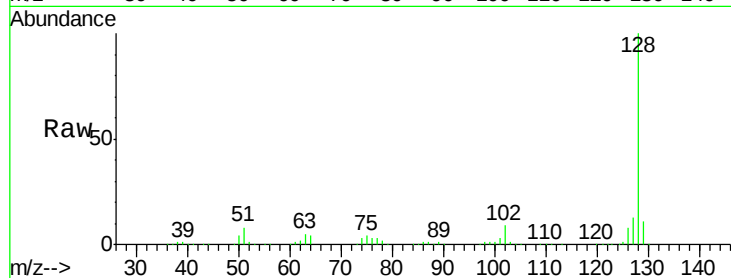
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Tgt Ion:128 Resp: 1327671

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.3	11.0	16.4

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#32

Benzoic acid

Concen: 37.39 ng

RT: 7.93 min Scan# 494

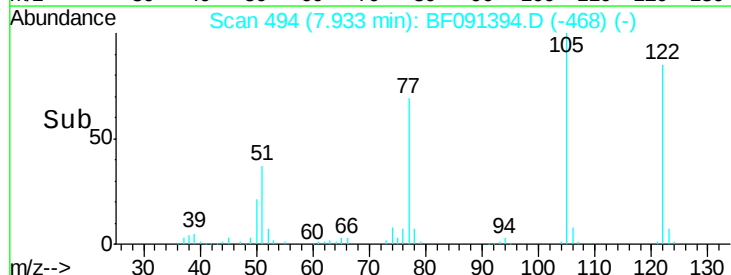
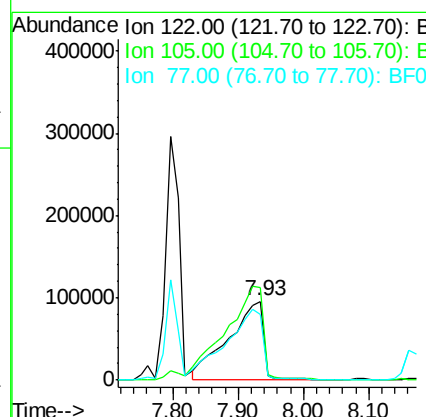
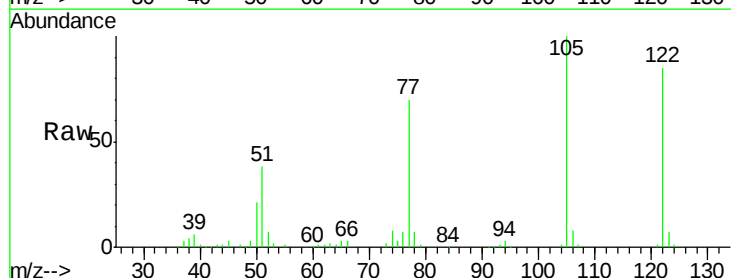
Delta R.T. -0.00 min

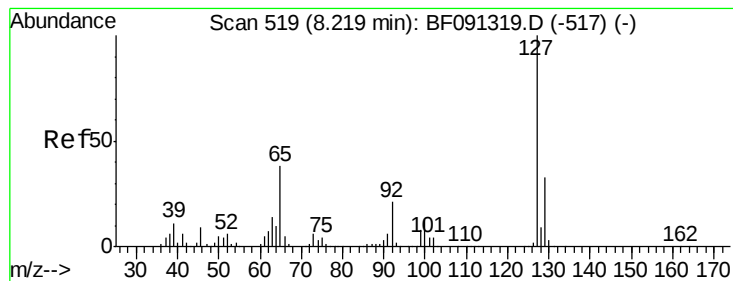
Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:122 Resp: 353925

Ion	Ratio	Lower	Upper
122	100		
105	117.8	113.0	153.0
77	82.7	82.0	122.0





#33

4-Chloroaniline

Concen: 7.61 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

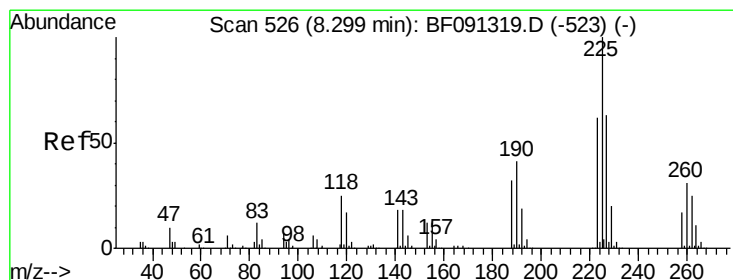
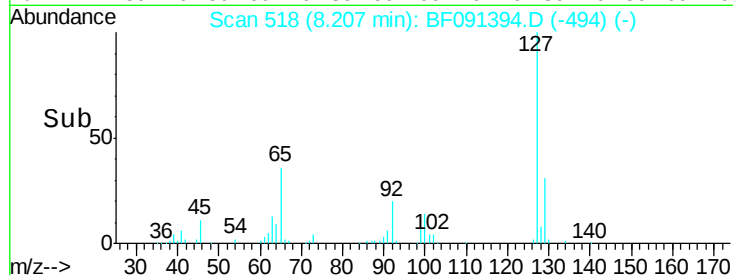
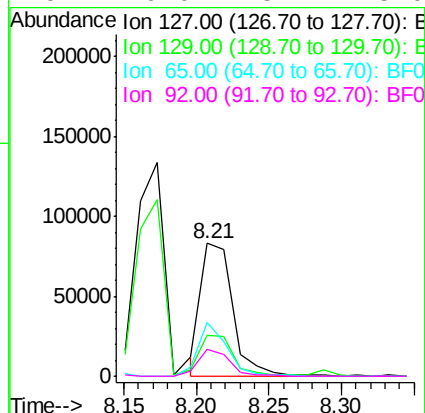
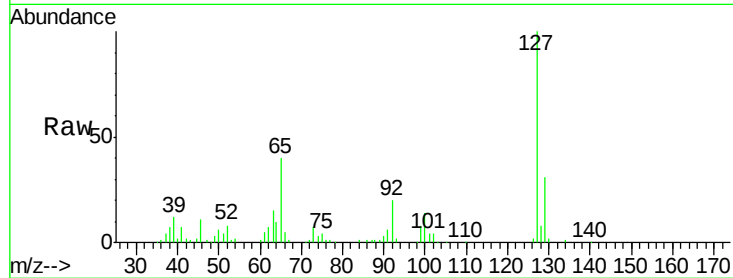
ClientSampleId :

PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	127405		
129	31.1	26.2	39.4	
65	40.1	26.6	39.8	
92	20.0	15.4	23.0	

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#34

Hexachlorobutadiene

Concen: 31.53 ng

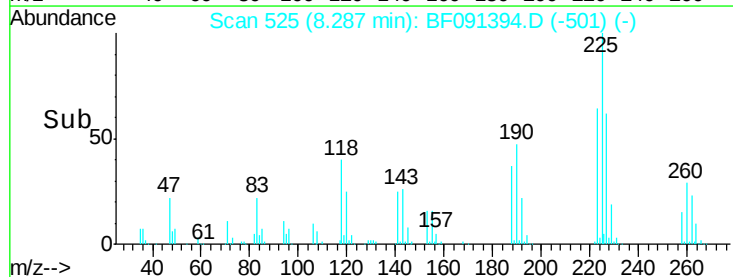
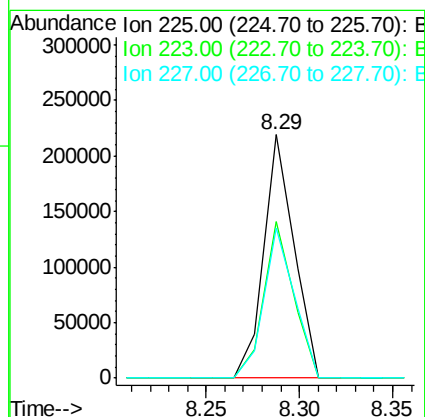
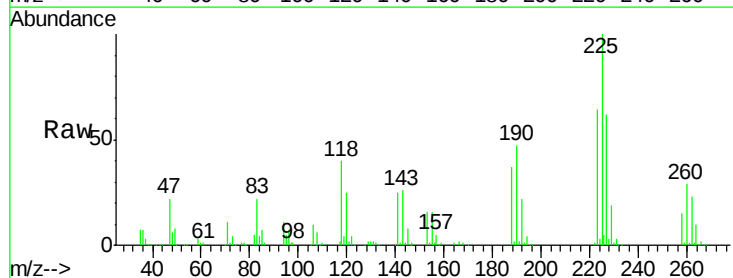
RT: 8.29 min Scan# 525

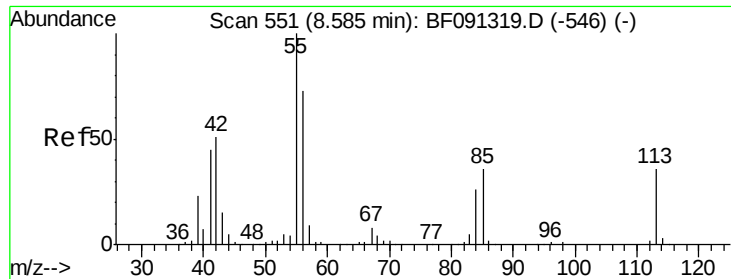
Delta R.T. -0.03 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	245529		
223	64.2	49.8	74.6	
227	61.6	52.6	79.0	





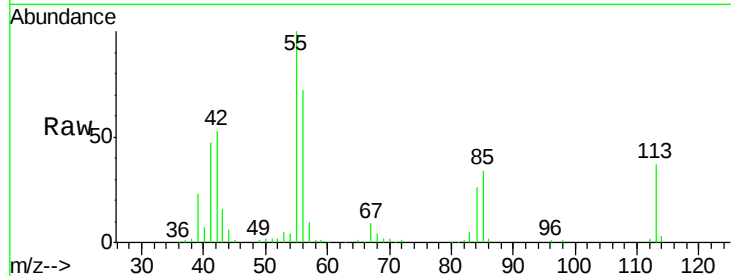
#35
 Caprolactam
 Concen: 42.52 ng m
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampled :
 PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	266.9	239.8	279.8	
56	191.0	165.6	205.6	

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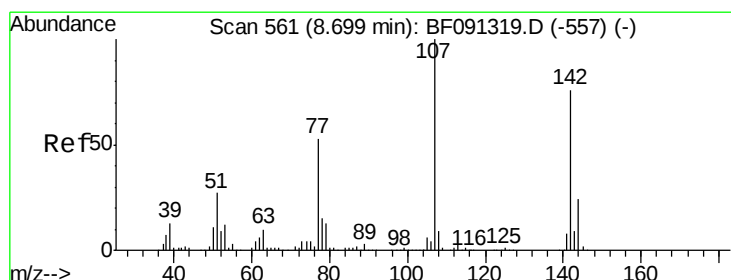
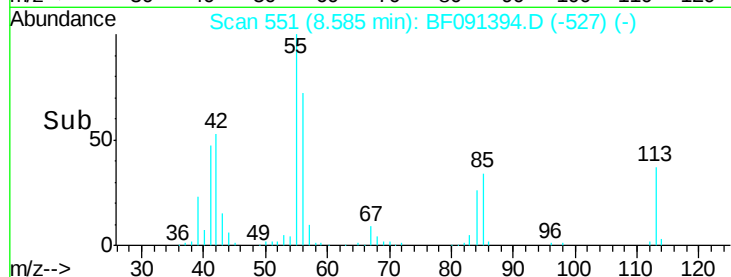
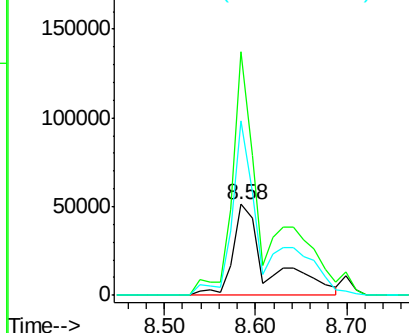
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



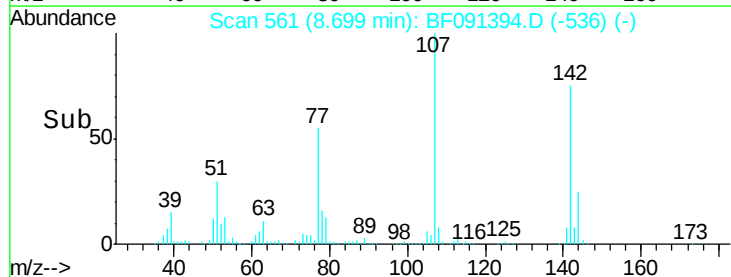
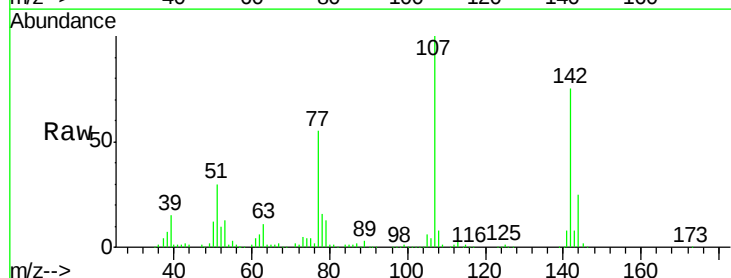
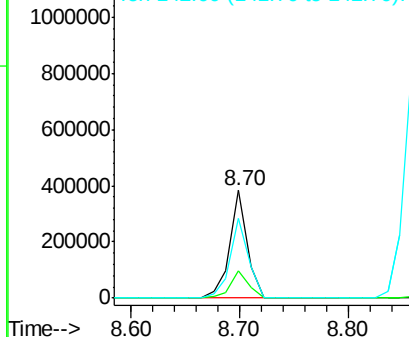
#36
 4-Chloro-3-methylphenol
 Concen: 34.69 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

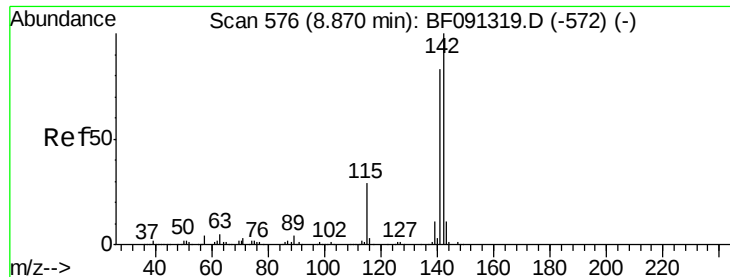
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.1	18.9	28.3	
142	74.7	58.5	87.7	

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.02 ng

RT: 8.86 min Scan# 575

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

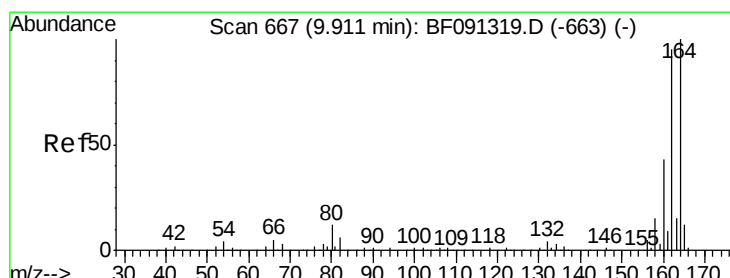
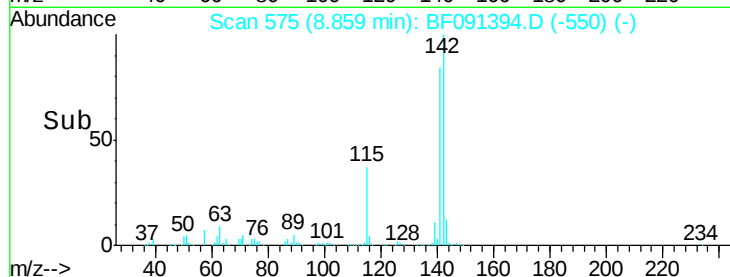
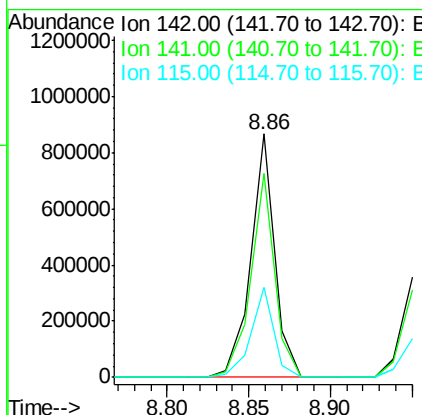
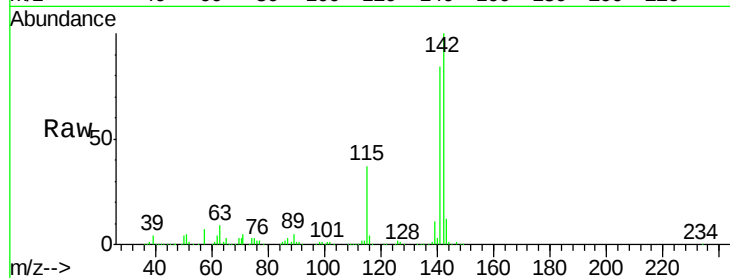
ClientSampleId :

PB94987BS

Tgt Ion:	142	Resp:	879012
Ion Ratio		Lower	Upper
142	100		
141	83.5	71.7	107.5
115	36.9	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

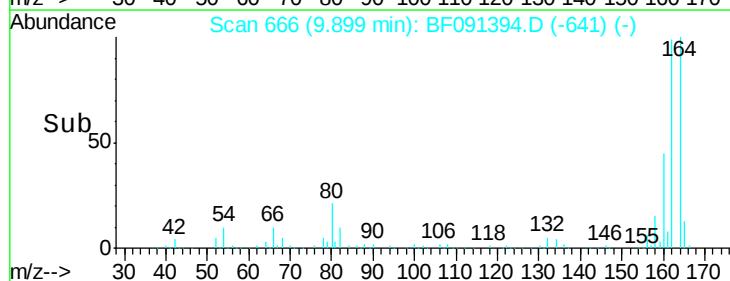
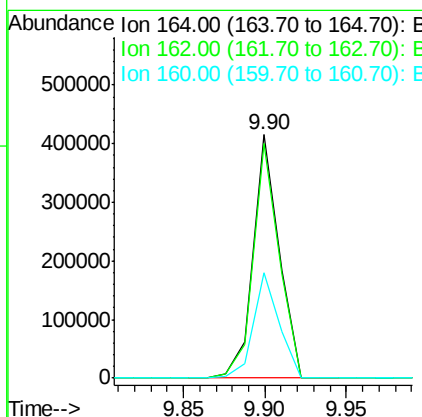
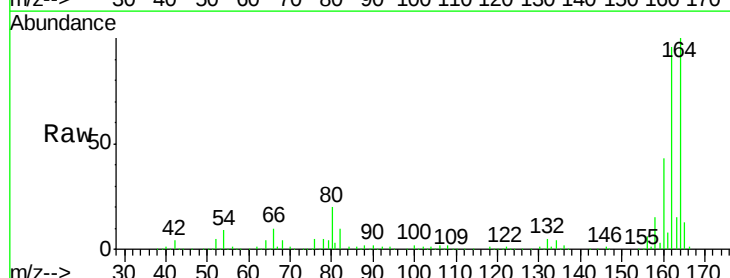
RT: 9.90 min Scan# 666

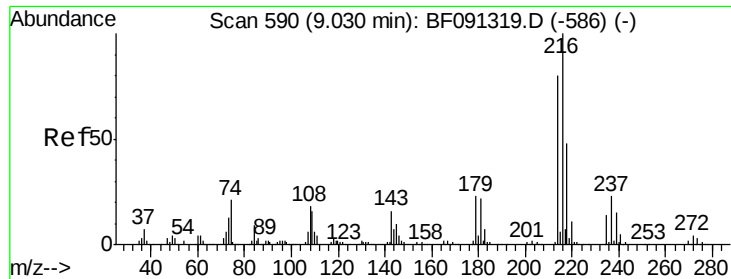
Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	164	Resp:	458357
Ion Ratio		Lower	Upper
164	100		
162	96.5	82.6	124.0
160	43.3	36.7	55.1





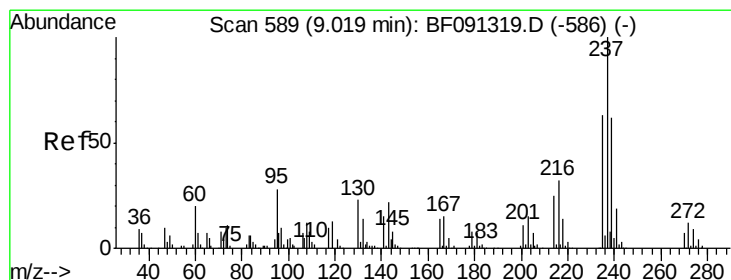
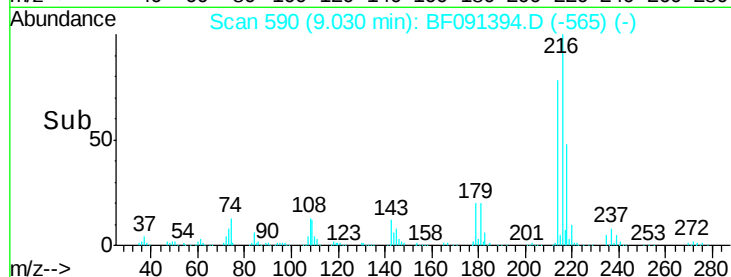
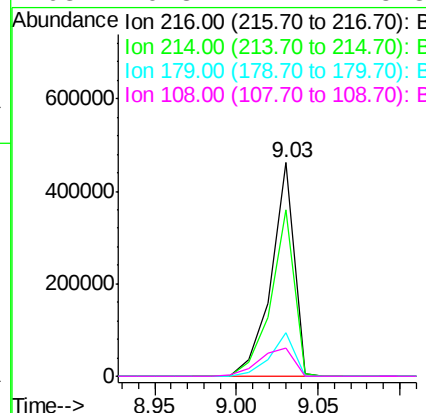
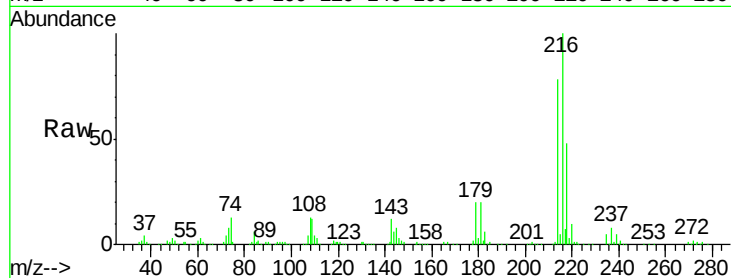
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.25 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion:	216	Resp:	455481
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.8
179	20.8	18.2	27.2
108	19.3	17.2	25.8

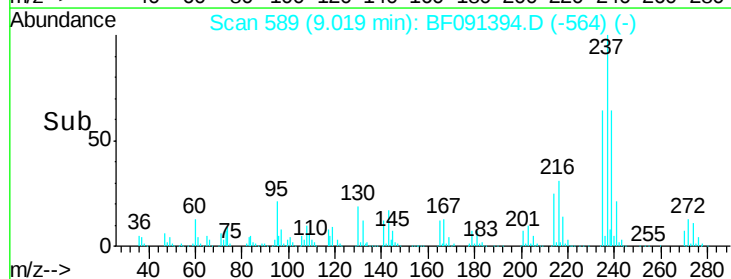
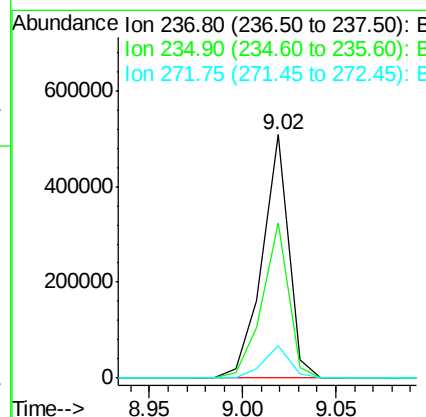
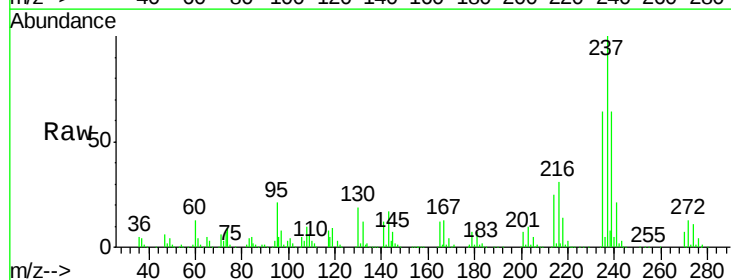
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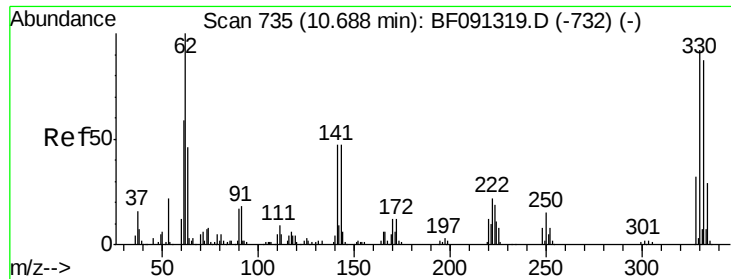
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#40
 Hexachlorocyclopentadiene
 Concen: 83.16 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion:	237	Resp:	498080
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.9	83.9
272	13.1	0.0	33.1





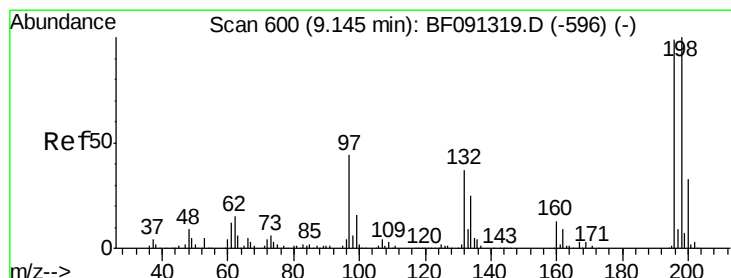
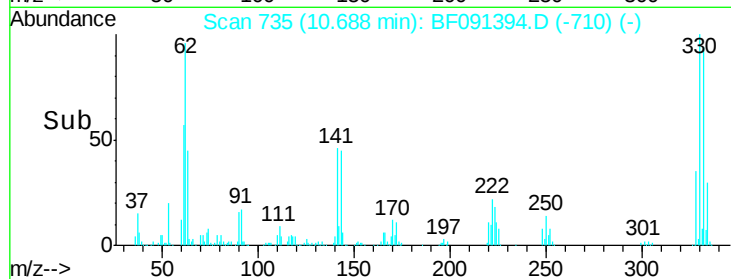
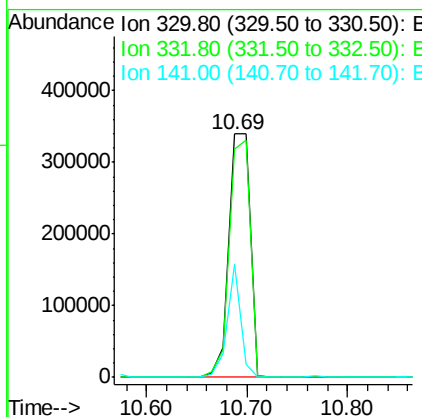
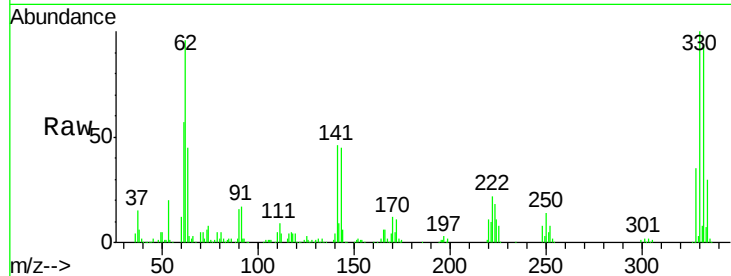
#41
 2,4,6-Tribromophenol
 Concen: 115.67 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	501939		
332	95.7	76.2	114.4	
141	29.2	33.6	50.4	

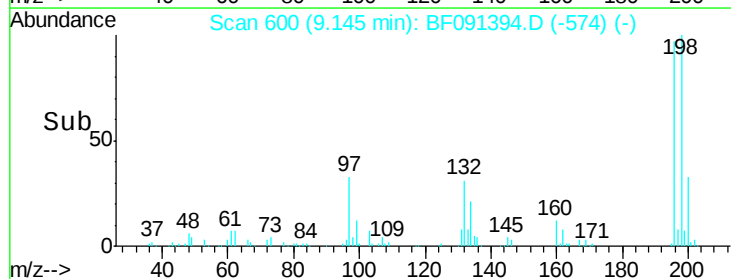
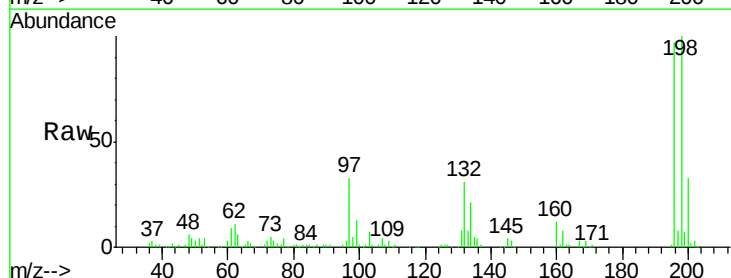
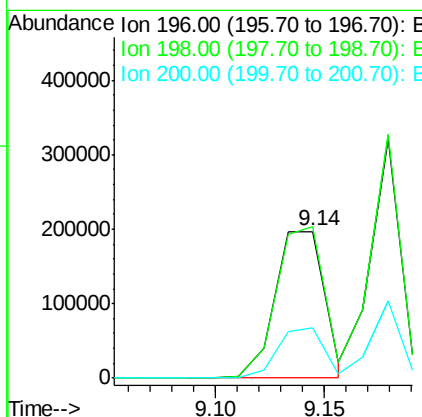
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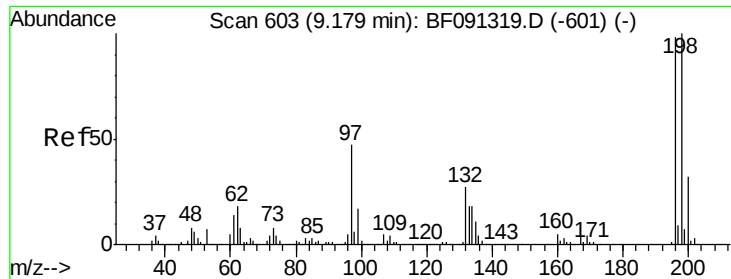
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#42
 2,4,6-Trichlorophenol
 Concen: 37.26 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

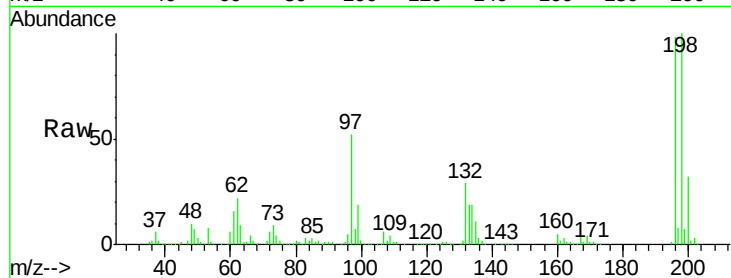
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312945		
198	103.5	77.4	116.0	
200	34.3	25.2	37.8	





#43
 2,4,5-Trichlorophenol
 Concen: 36.54 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

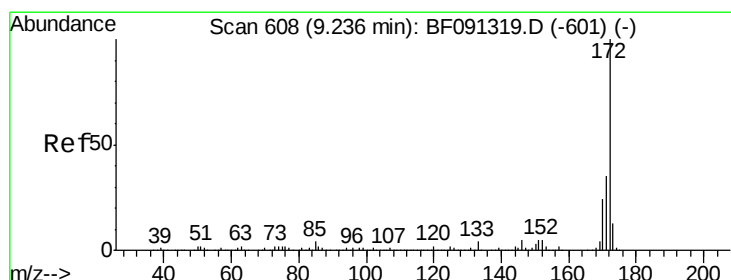
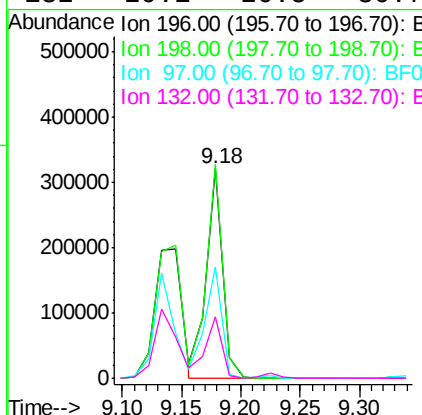
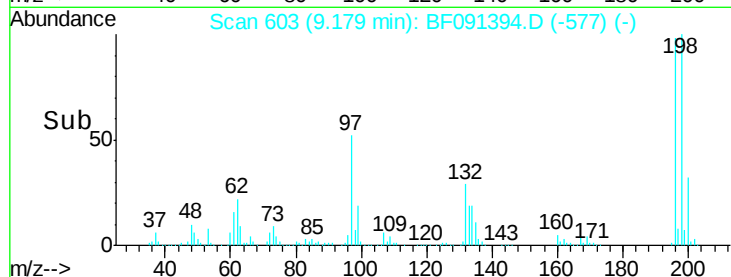
Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307473		
198	101.8	77.0	115.6	
97	52.8	33.5	50.3	
132	29.1	20.5	30.7	

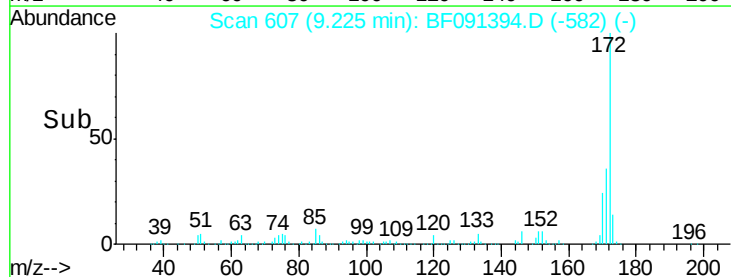
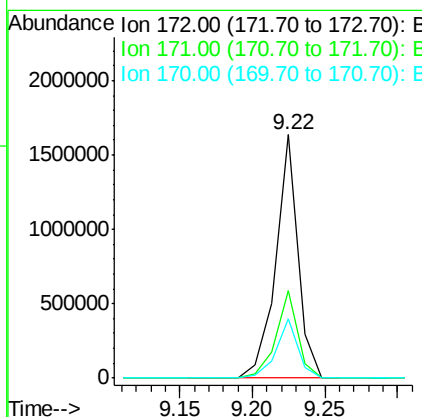
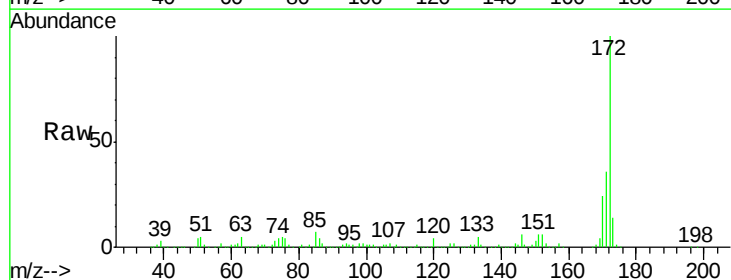
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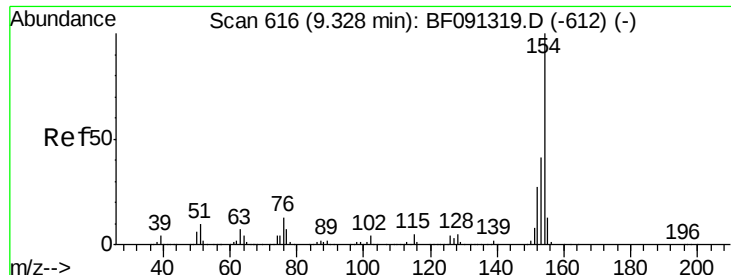
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#44
 2-Fluorobiphenyl
 Concen: 68.47 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1733254		
171	36.1	29.4	44.0	
170	24.2	19.7	29.5	





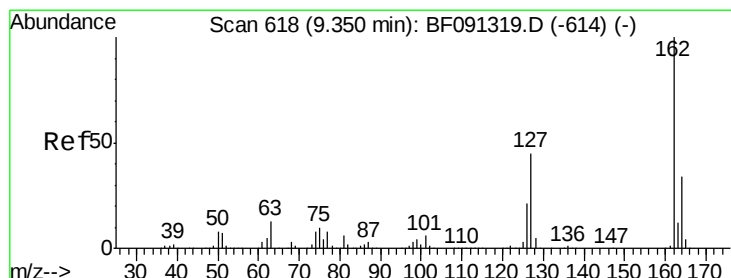
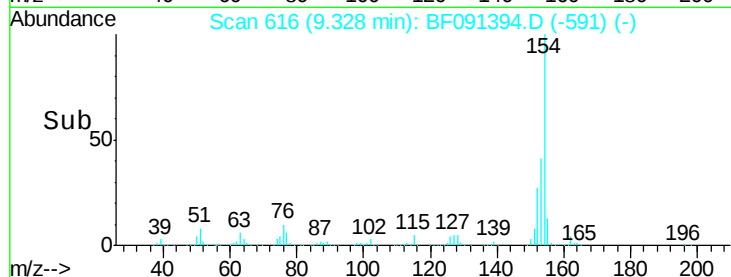
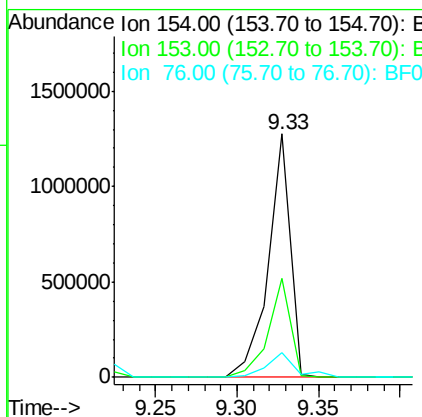
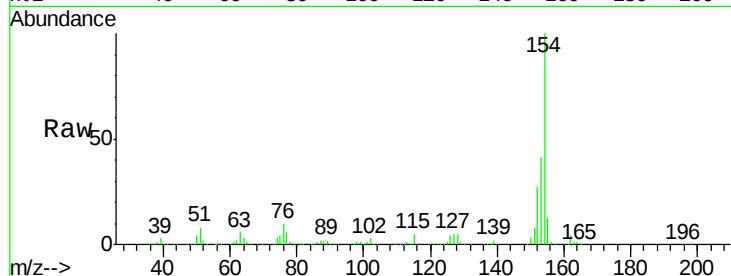
#45
 1,1'-Biphenyl
 Concen: 36.45 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	10.3	0.0	36.6

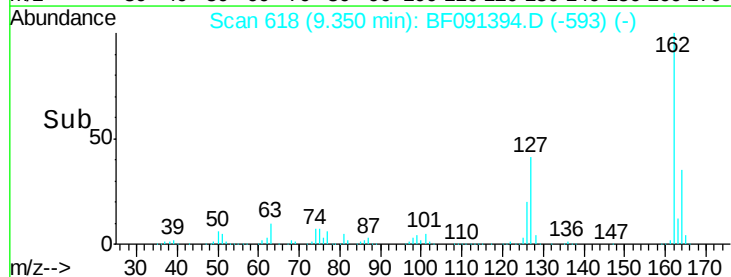
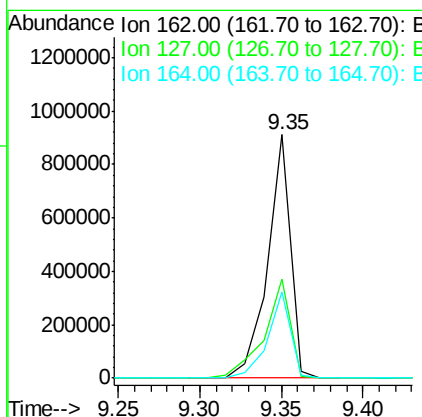
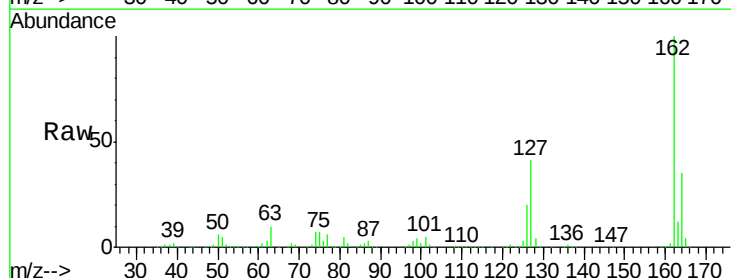
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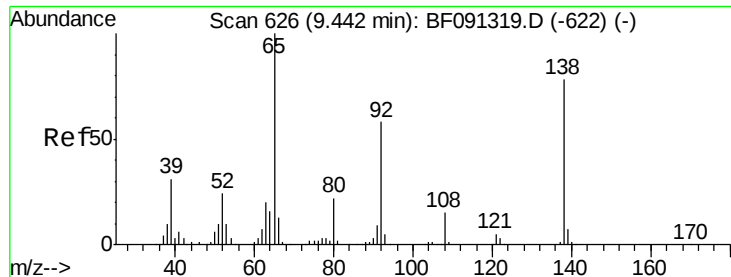
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#46
 2-Chloronaphthalene
 Concen: 36.29 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	34.3	51.5
164	35.3	26.6	40.0





#47

2-Nitroaniline

Concen: 37.27 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

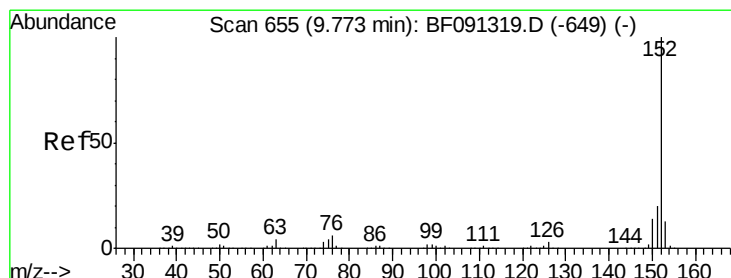
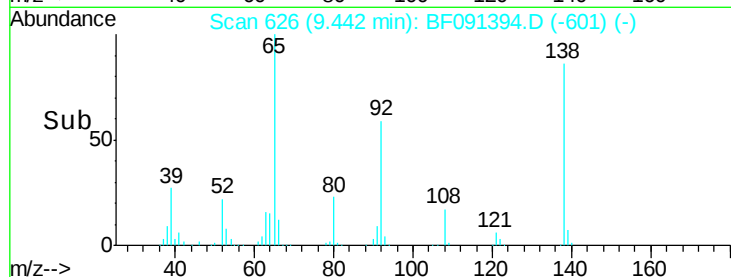
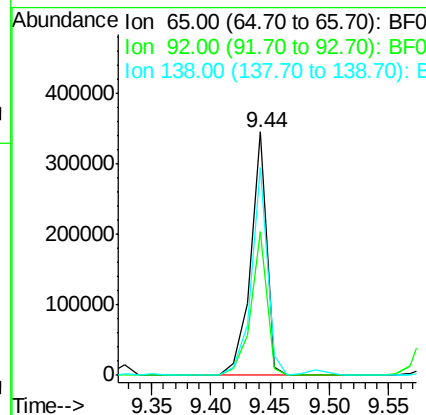
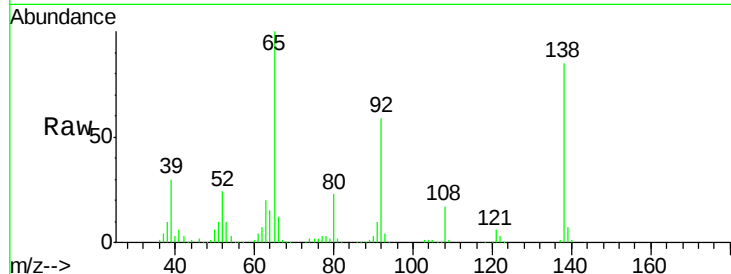
ClientSampleId :

PB94987BS

Tgt Ion:	65	Resp:	328554
Ion Ratio	Lower	Upper	
65	100		
92	59.1	53.6	80.4
138	85.4	91.0	136.6#

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#48

Acenaphthylene

Concen: 32.56 ng

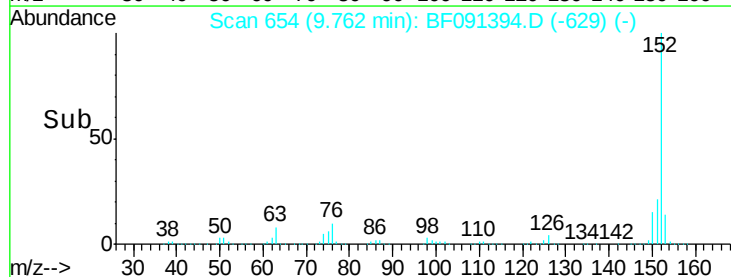
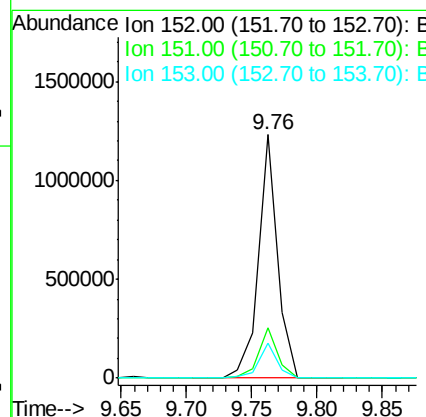
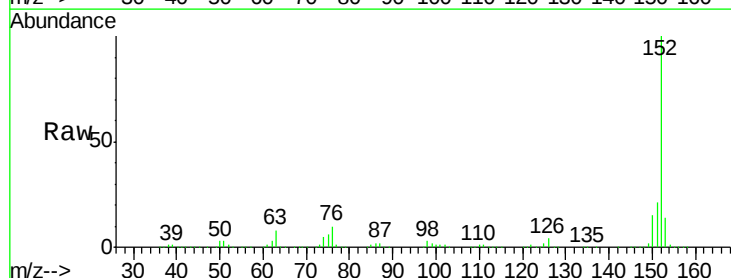
RT: 9.76 min Scan# 654

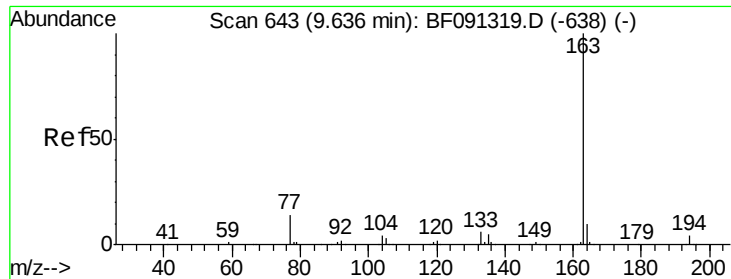
Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	152	Resp:	1257980
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.6	24.8
153	14.3	10.7	16.1





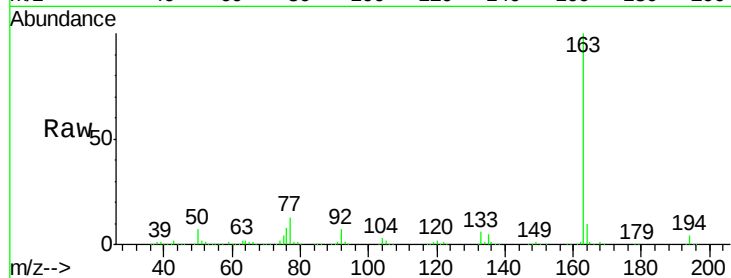
#49
Dimethylphthalate
Concen: 37.04 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

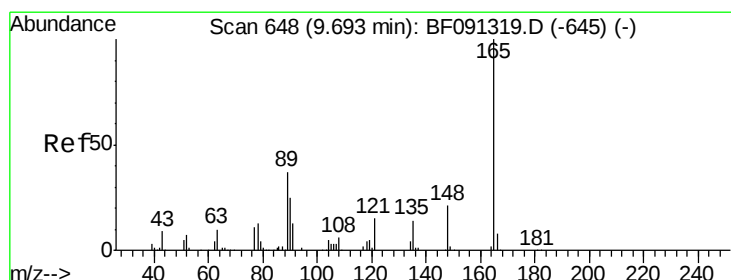
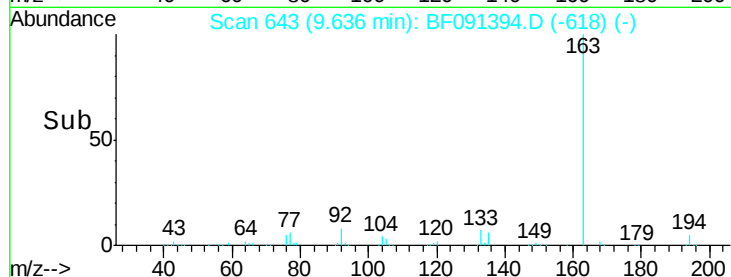
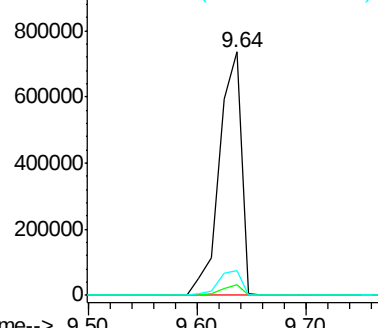
Tgt Ion:163 Resp: 1028006
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.0 7.8 11.8

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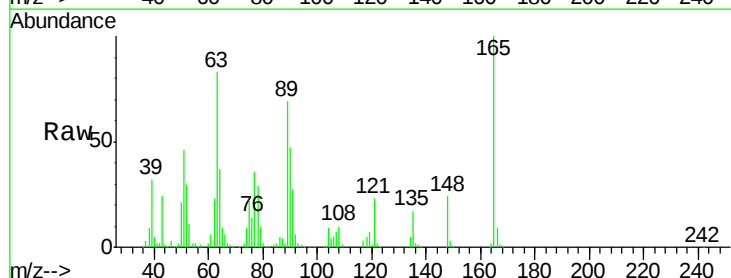


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

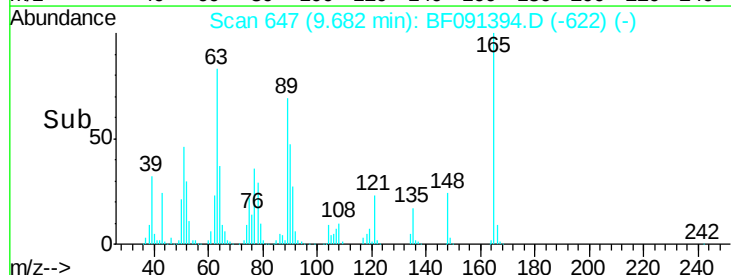
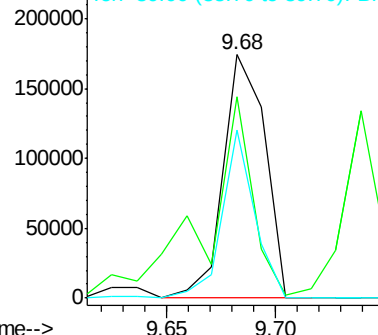


#50
2,6-Dinitrotoluene
Concen: 37.50 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion:165 Resp: 232616
Ion Ratio Lower Upper
165 100
63 82.8 59.4 89.0
89 69.1 50.8 76.2



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





#51

Acenaphthene

Concen: 36.07 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

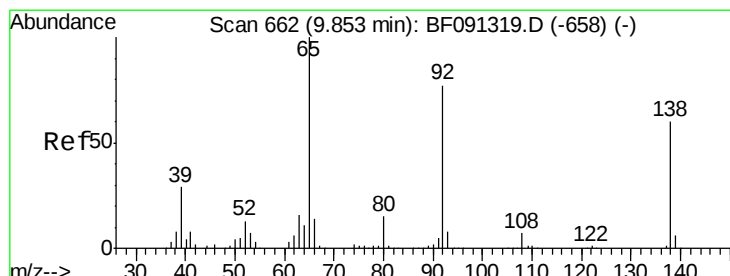
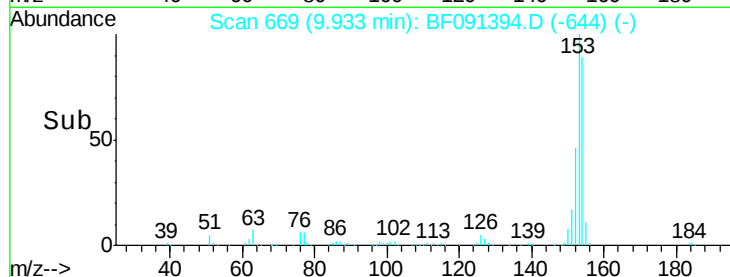
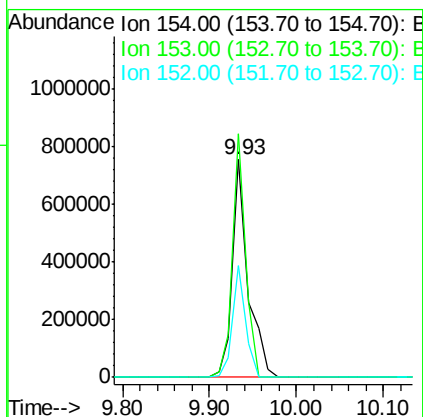
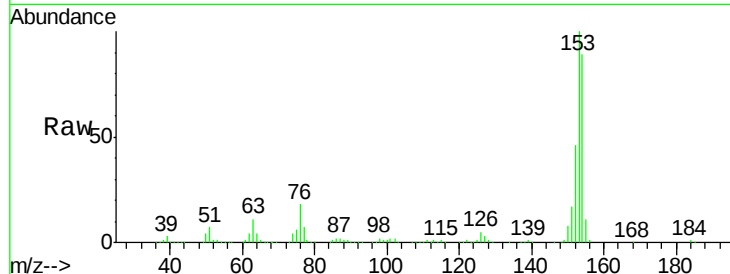
ClientSampled :

PB94987BS

Tgt Ion:	154	Resp:	939960
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.0	136.6
152	51.5	44.2	66.2

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#52

3-Nitroaniline

Concen: 17.41 ng

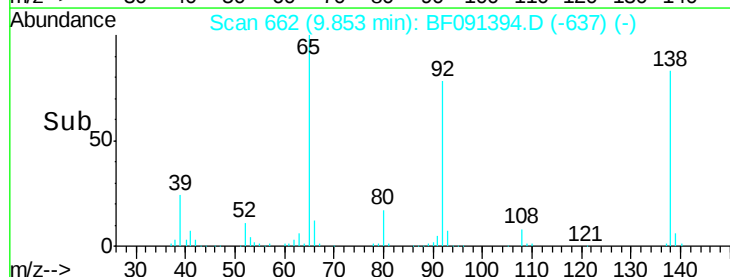
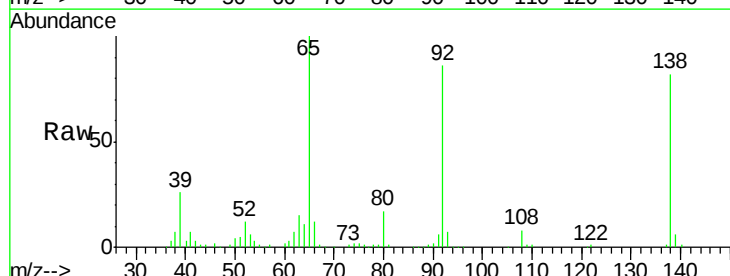
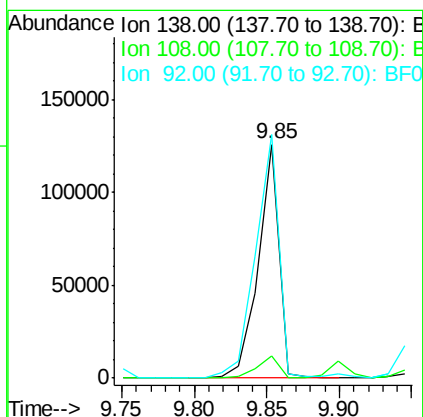
RT: 9.85 min Scan# 662

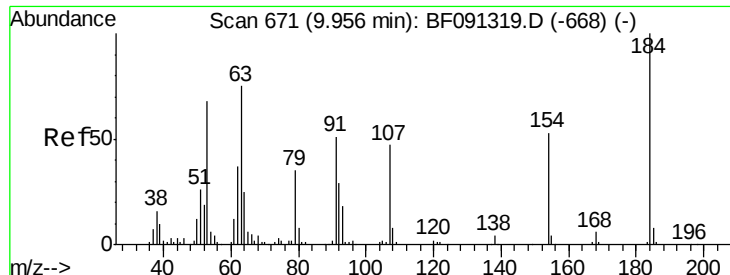
Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	138	Resp:	124982
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.1	12.1
92	104.3	92.5	138.7





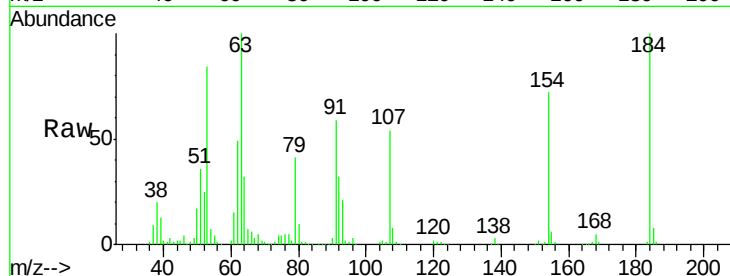
#53
2,4-Dinitrophenol
Concen: 87.02 ng m
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampled :
PB94987BS

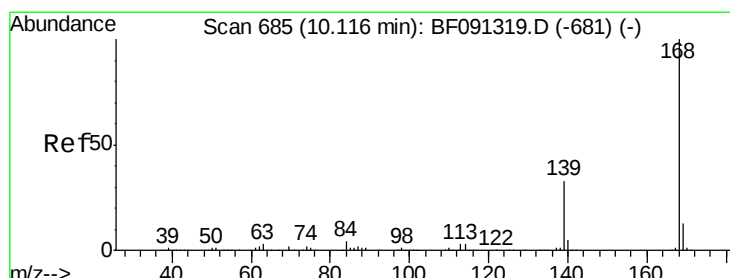
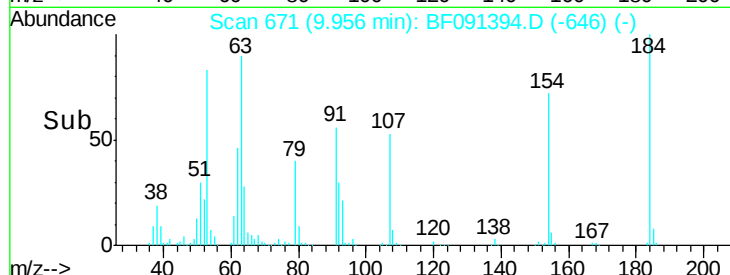
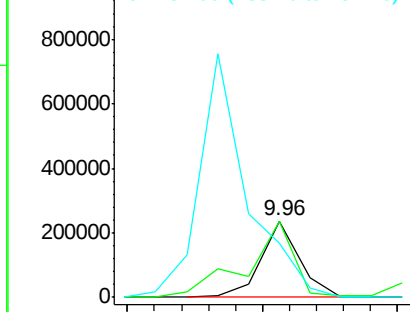
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	236070		
63	99.9	58.3	87.5#	
154	71.6	48.6	73.0	

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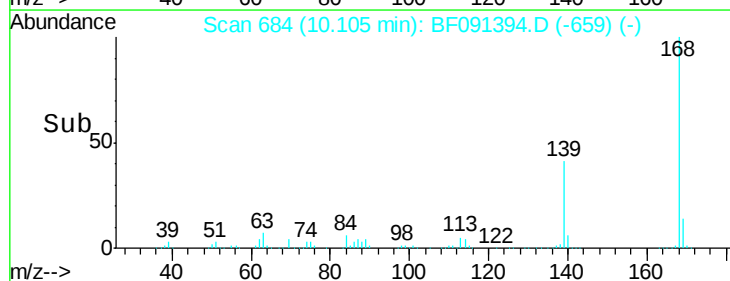
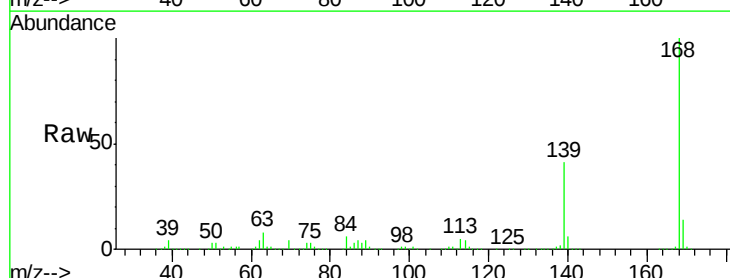
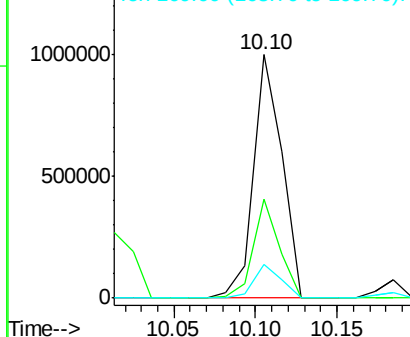
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 34.47 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1202779		
139	40.8	33.4	50.2	
169	13.9	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: 77.04 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

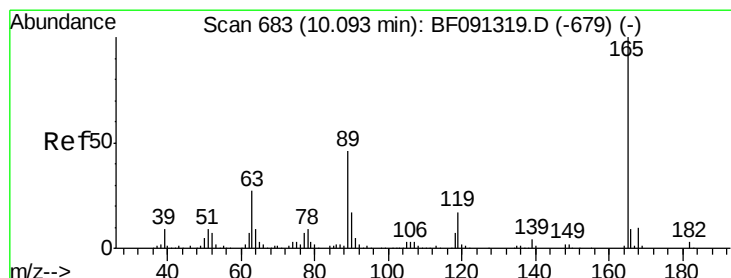
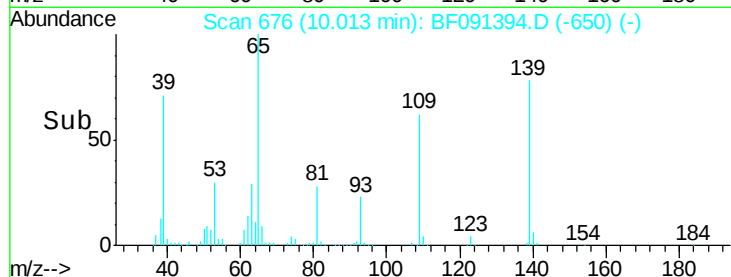
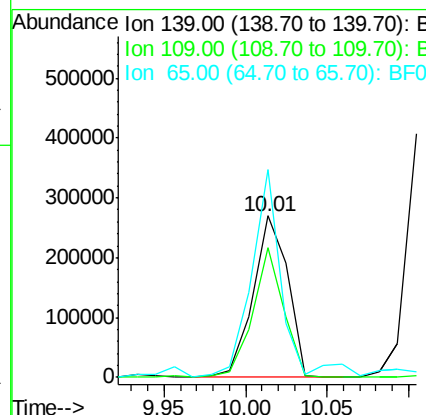
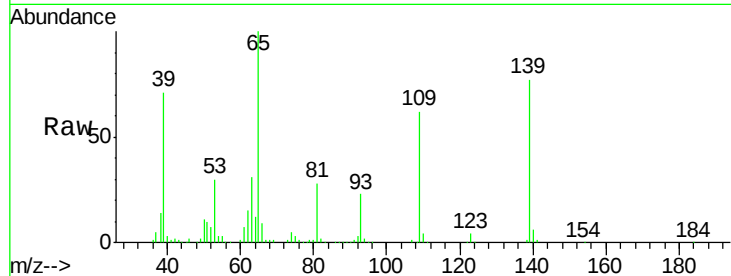
ClientSampled :

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Tgt Ion:	139	Resp:	399548
Ion Ratio	Lower	Upper	
139	100		
109	80.2	54.9	94.9
65	129.1	102.2	142.2

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#56

2,4-Dinitrotoluene

Concen: 45.97 ng

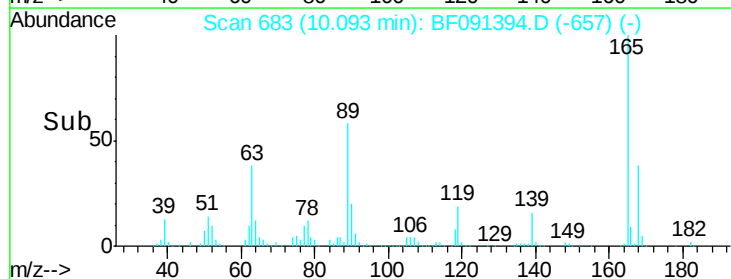
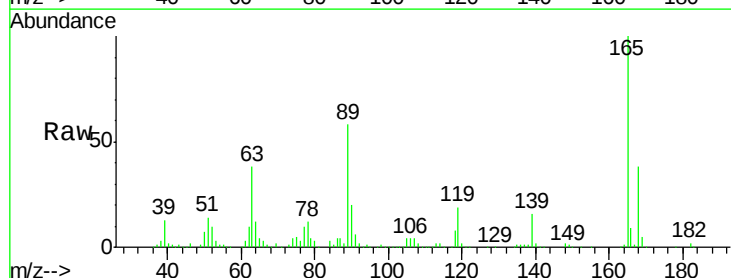
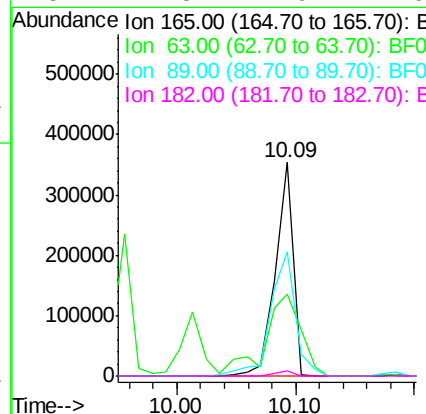
RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	165	Resp:	369925
Ion Ratio	Lower	Upper	
165	100		
63	38.5	29.0	43.4
89	58.0	43.1	64.7
182	2.3	1.9	2.9





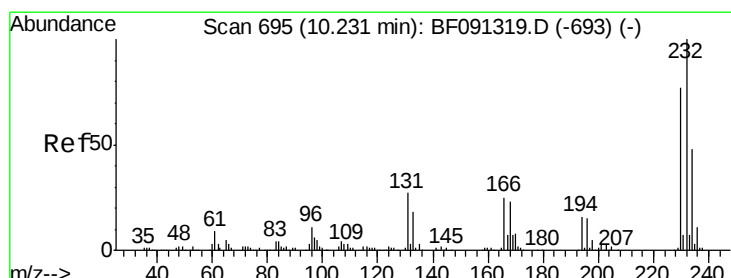
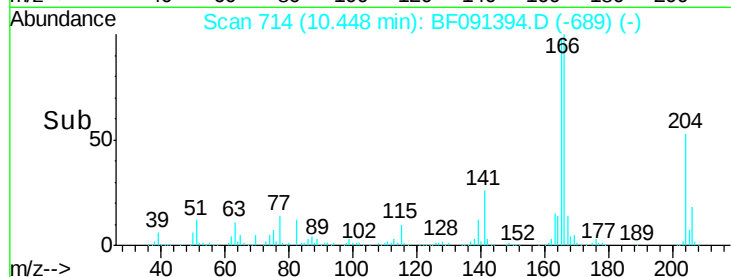
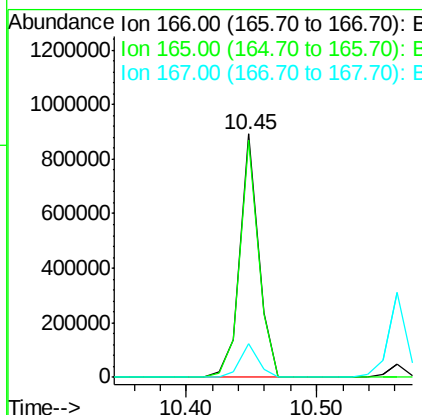
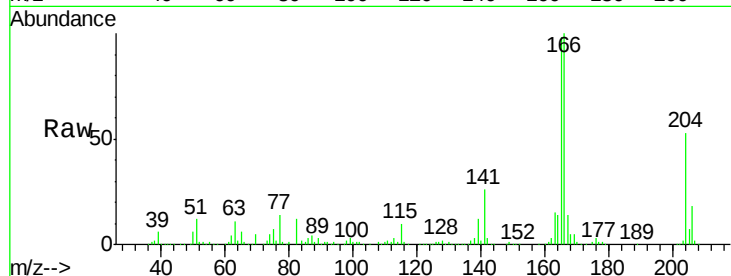
#57
Fluorene
 Concen: 33.02 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	884503		
165	97.6	80.0	120.0	
167	13.8	10.8	16.2	

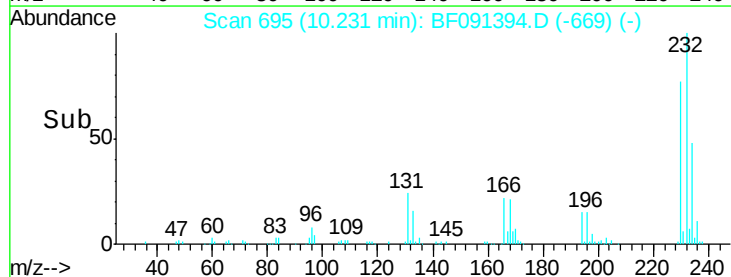
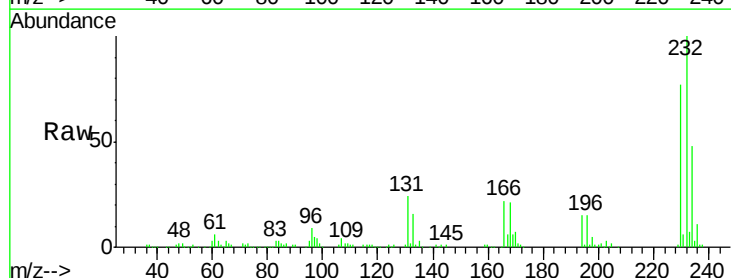
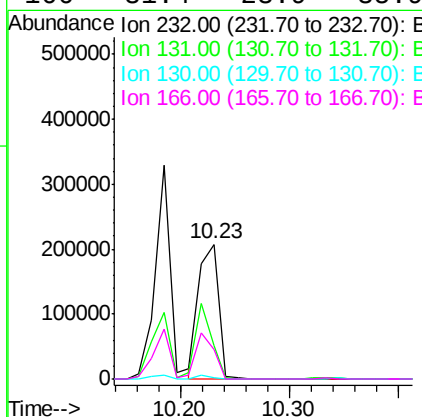
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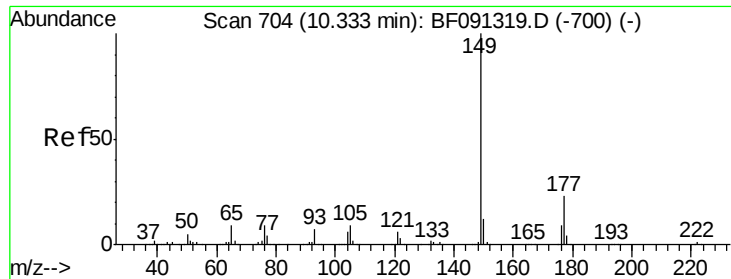
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.59 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	270111		
131	45.5	38.4	57.6	
130	2.2	1.8	2.8	
166	31.4	23.9	35.9	





#59

Diethylphthalate

Concen: 39.28 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

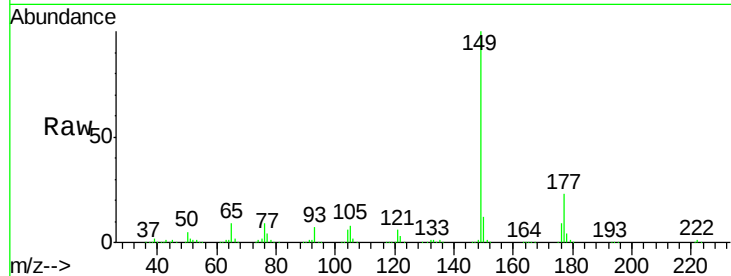
ClientSampled :

PB94987BS

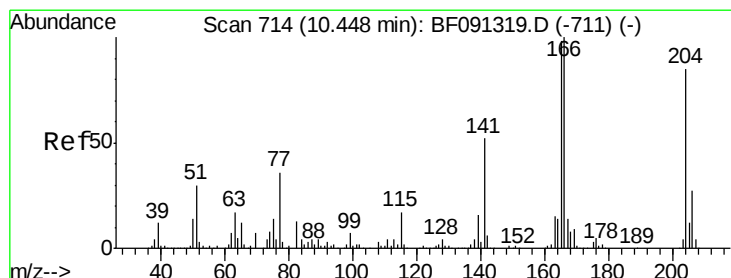
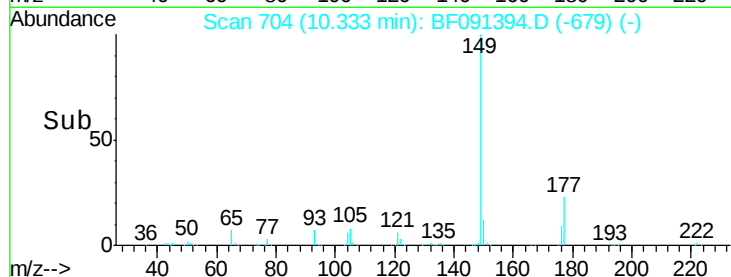
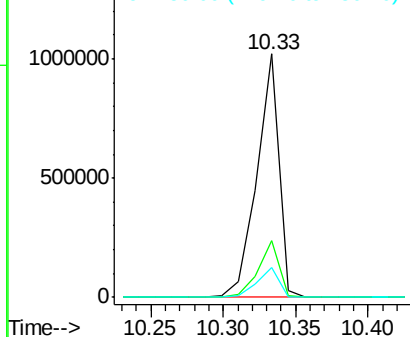
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	15.7	23.5
150	12.3	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 35.43 ng

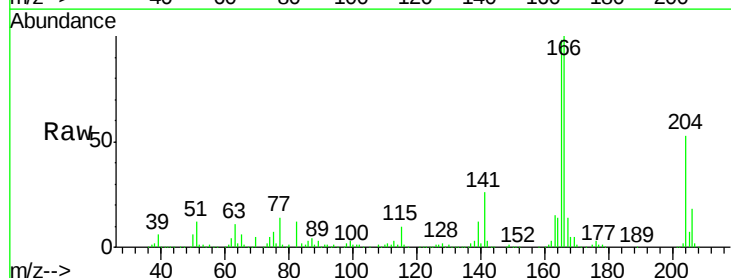
RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

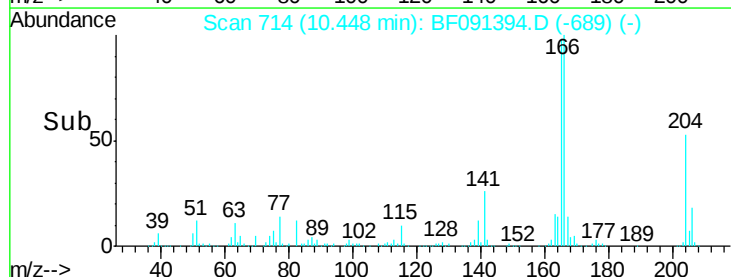
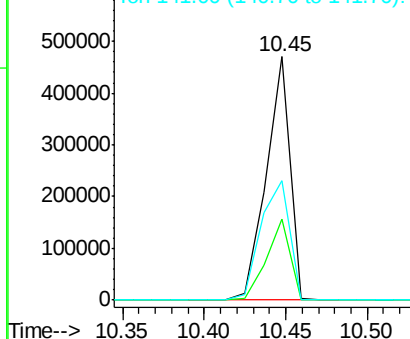
Lab File: BF091394.D

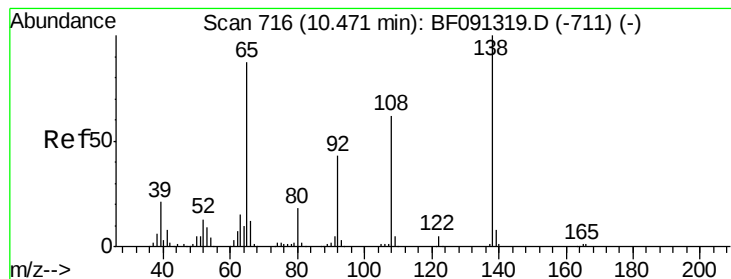
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.1	39.1
141	49.2	40.6	61.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





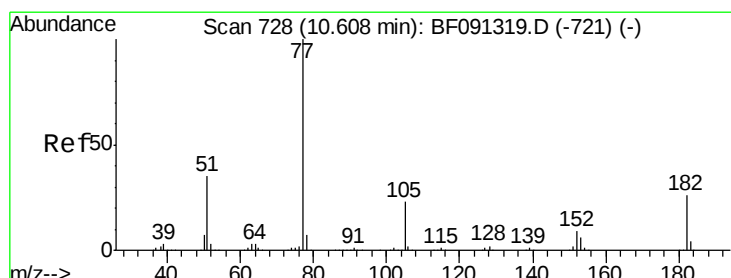
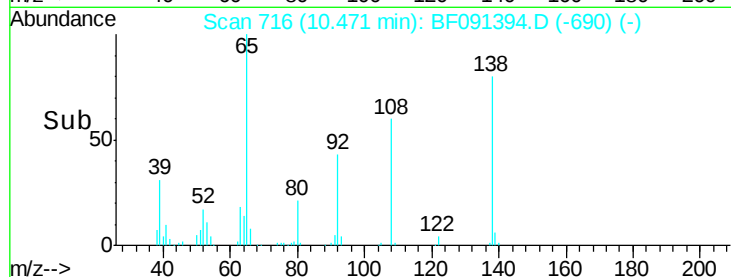
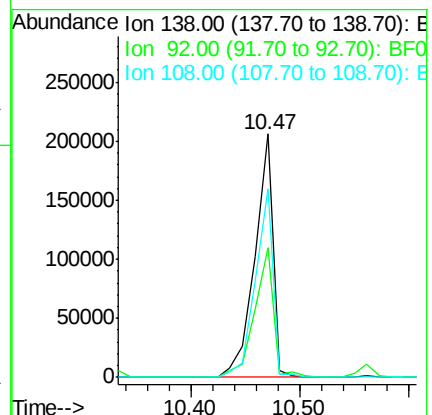
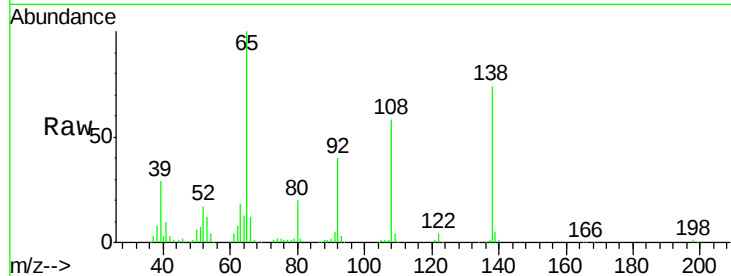
#61
4-Nitroaniline
Concen: 35.75 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	241046		
92	53.4	26.9	66.9	
108	77.4	49.1	89.1	

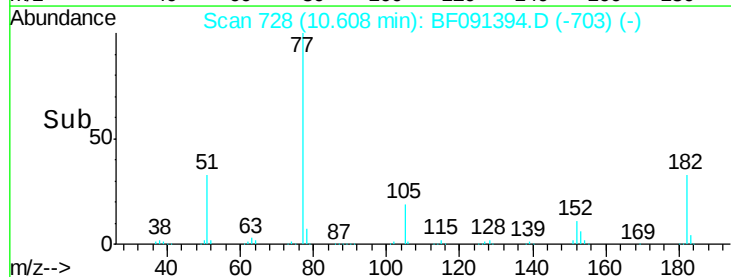
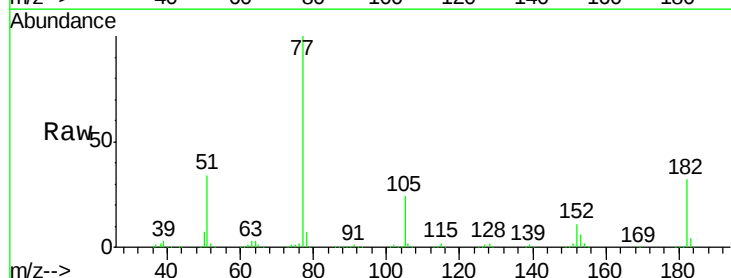
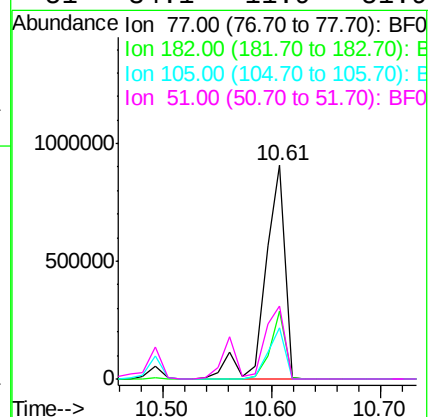
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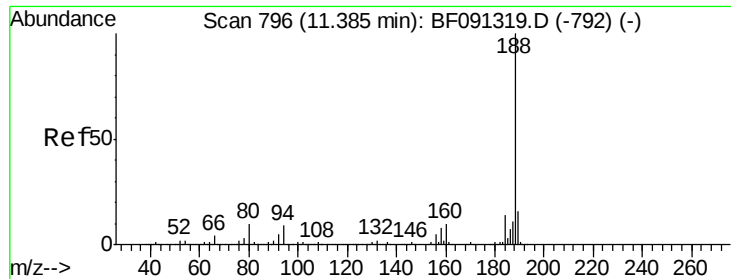
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#62
Azobenzene
Concen: 41.52 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1160802		
182	31.9	12.5	52.5	
105	23.8	3.7	43.7	
51	34.1	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: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB94987BS

Tgt Ion:188 Resp: 849716

Ion Ratio Lower Upper

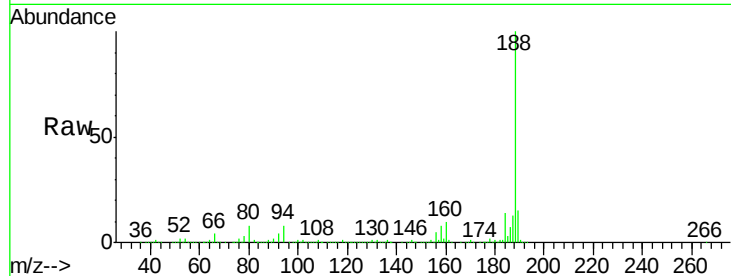
188 100

94 7.7 9.2 13.8#

80 8.4 10.5 15.7#

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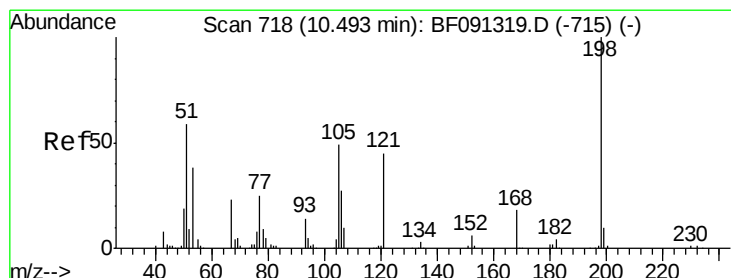
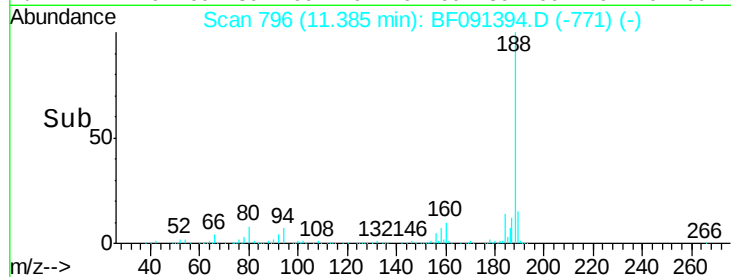
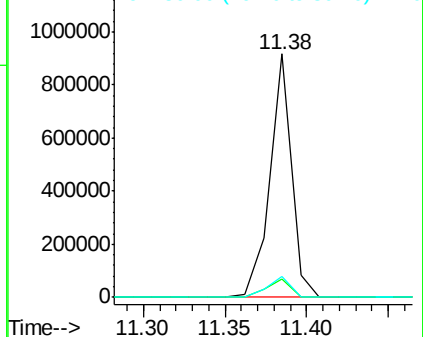
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.26 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

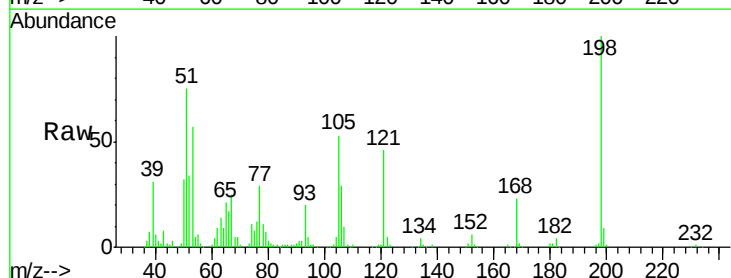
Tgt Ion:198 Resp: 169746

Ion Ratio Lower Upper

198 100

51 75.3 77.1 117.1#

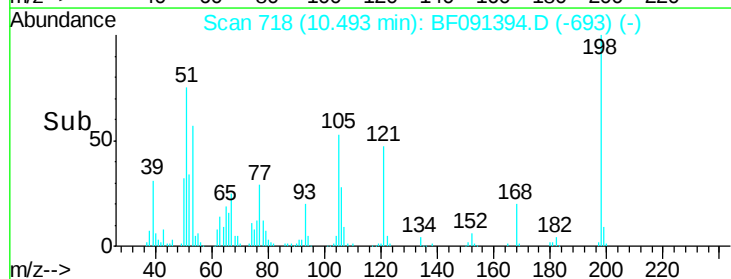
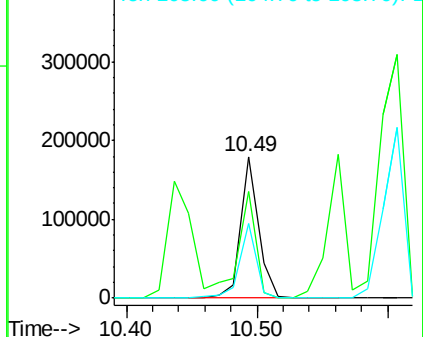
105 53.1 44.8 84.8

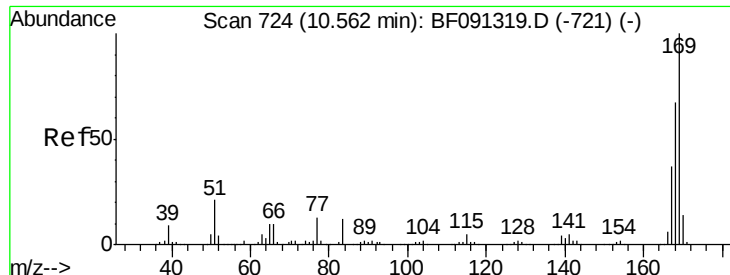


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





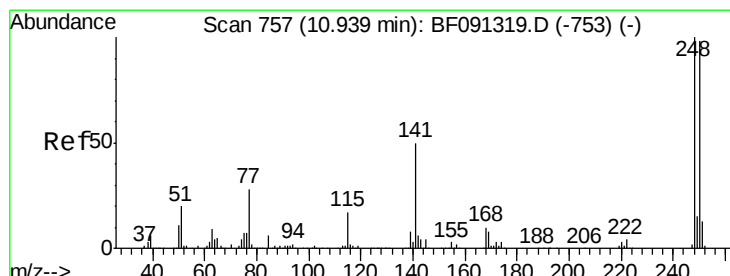
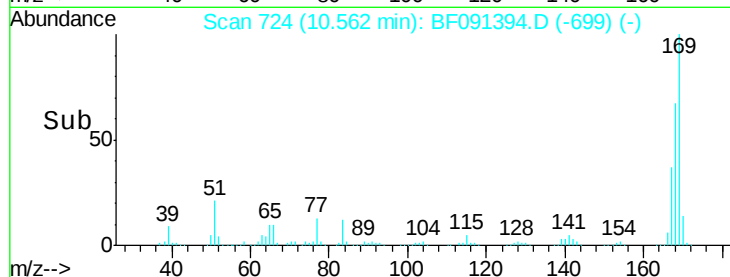
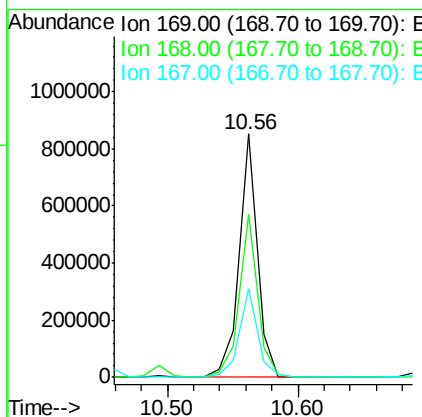
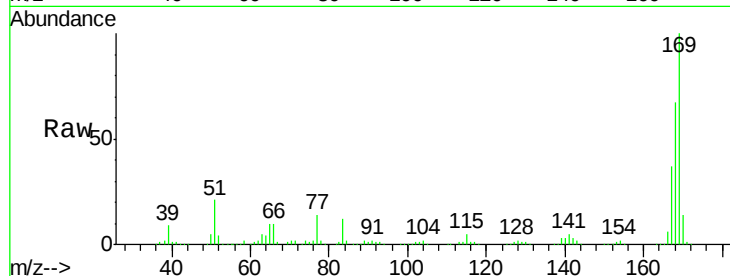
#65
 n-Nitrosodiphenylamine
 Concen: 31.98 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	823987		
168	67.0	53.8	80.8	
167	36.7	29.8	44.8	

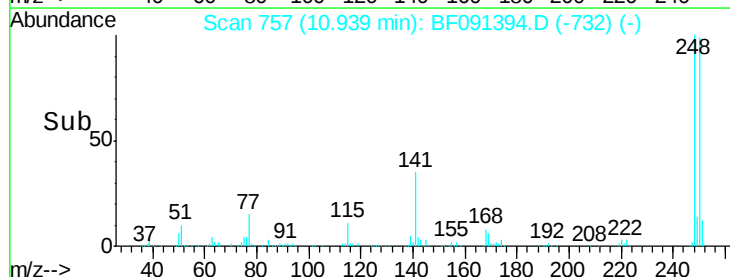
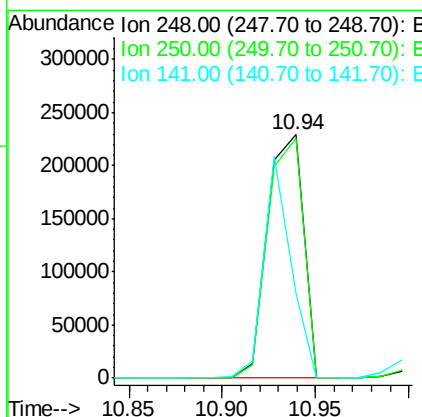
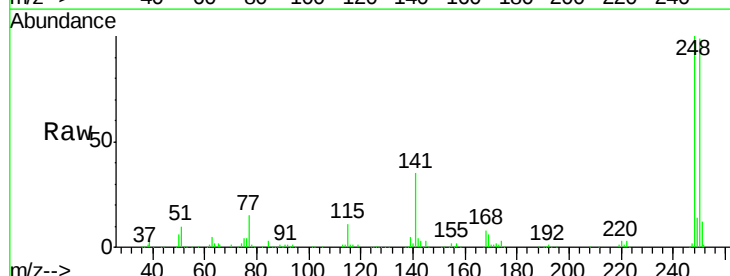
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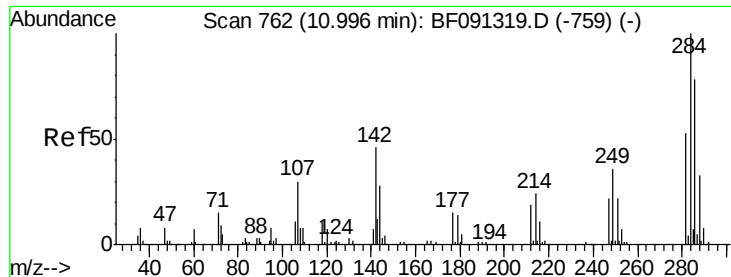
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#66
 4-Bromophenyl-phenylether
 Concen: 33.81 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	308777		
250	98.5	78.2	117.4	
141	34.9	71.9	107.9	





#67

Hexachlorobenzene

Concen: 31.74 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

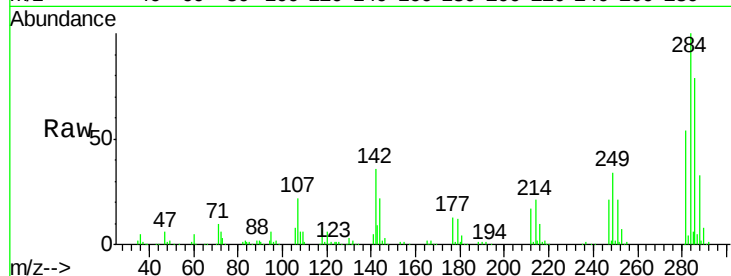
ClientSampleId :

PB94987BS

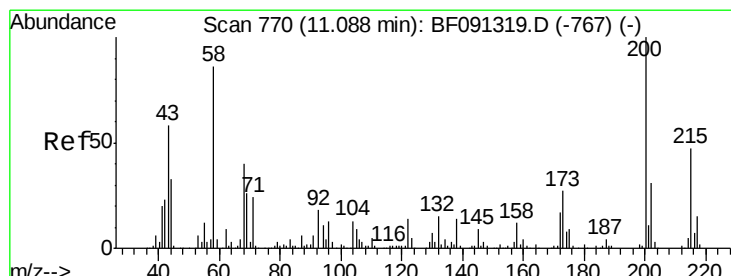
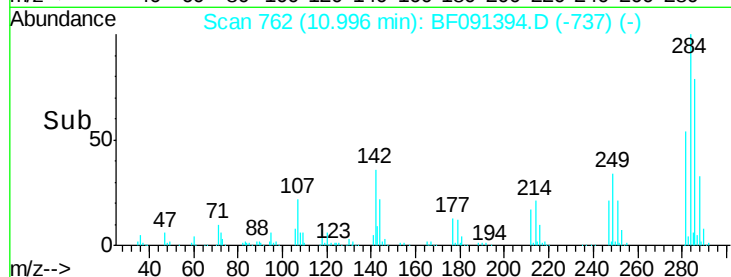
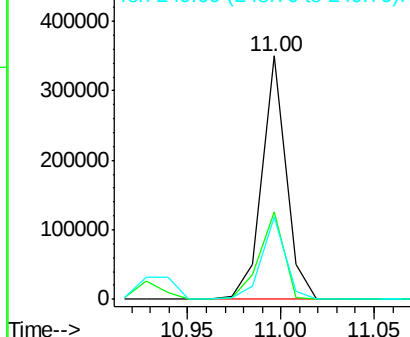
Tgt Ion:	284	Resp:	313204
Ion Ratio	Lower	Upper	
284	100		
142	36.0	17.9	26.9#
249	33.8	23.6	35.4

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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: 33.85 ng

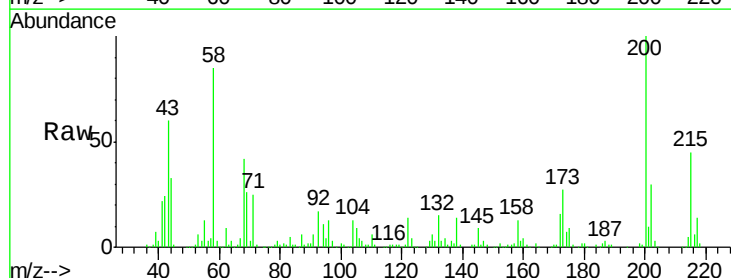
RT: 11.09 min Scan# 770

Delta R.T. -0.02 min

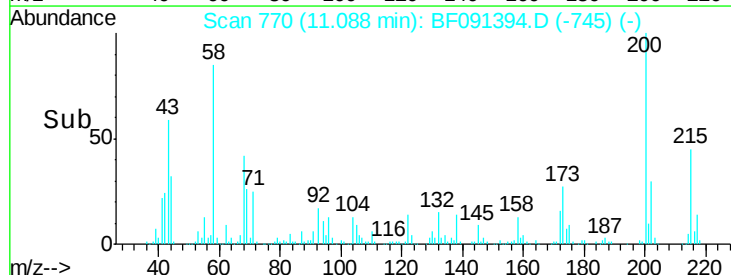
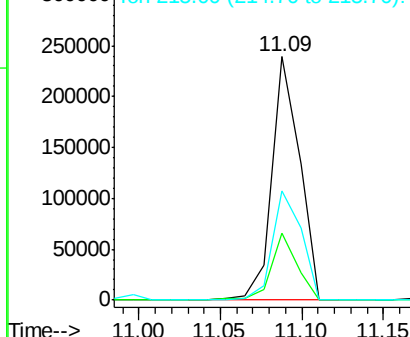
Lab File: BF091394.D

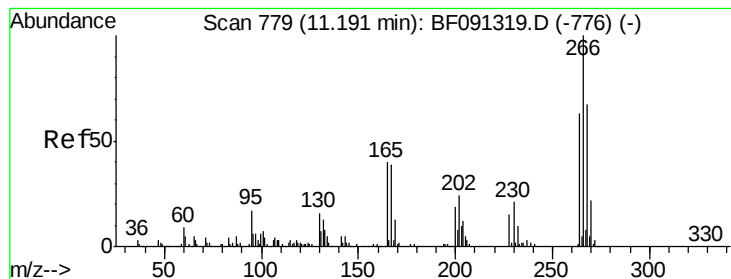
Acq: 2 Dec 2016 17:33

Tgt Ion:	200	Resp:	282404
Ion Ratio	Lower	Upper	
200	100		
173	27.3	7.8	47.8
215	44.8	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: 68.73 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

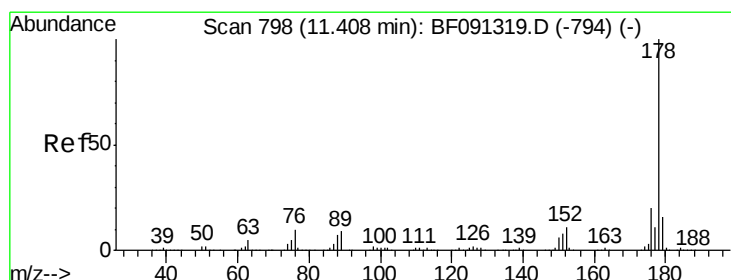
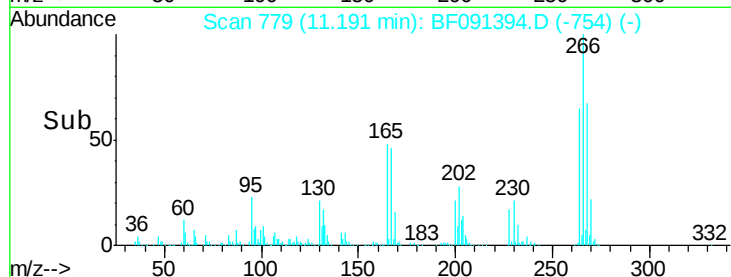
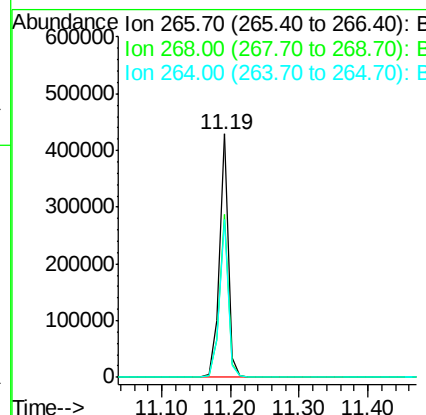
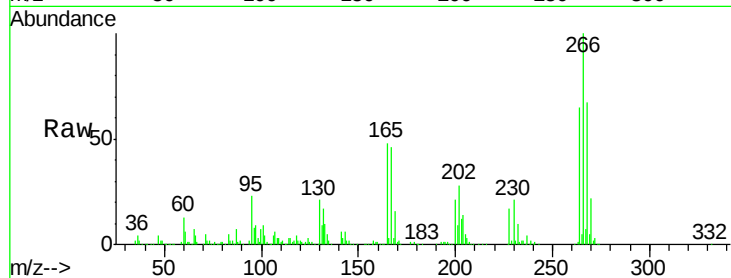
ClientSampleId :

PB94987BS

Tgt Ion:	266	Resp:	399342
Ion Ratio		Lower	Upper
266	100		
268	66.8	50.3	75.5
264	64.9	48.2	72.2

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#70

Phenanthrene

Concen: 31.78 ng

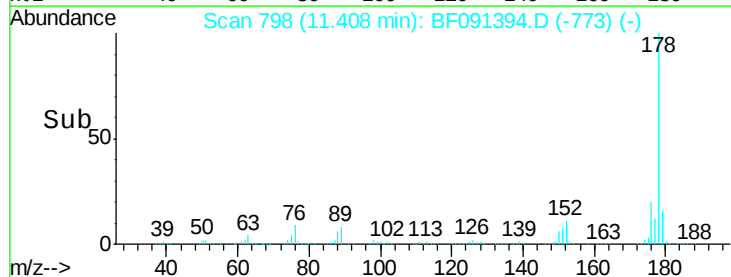
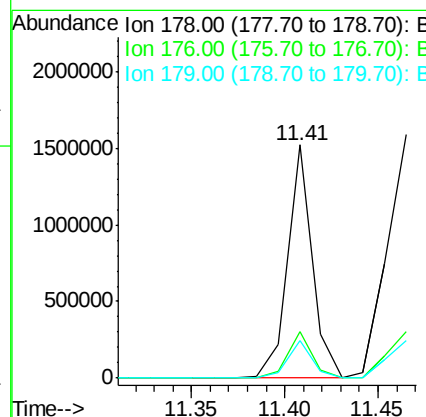
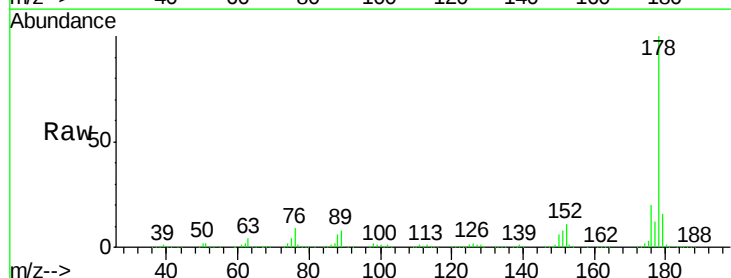
RT: 11.41 min Scan# 798

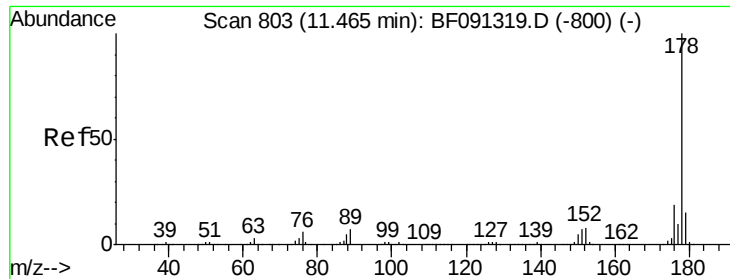
Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:	178	Resp:	1403312
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.9	12.6	18.8





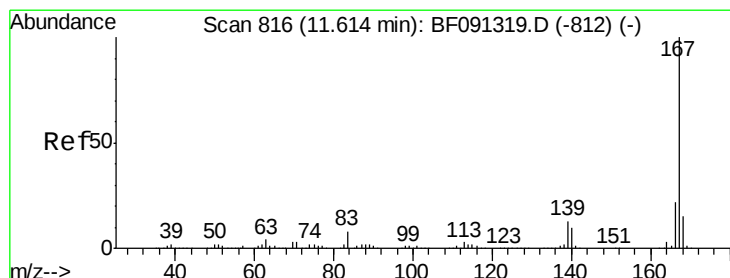
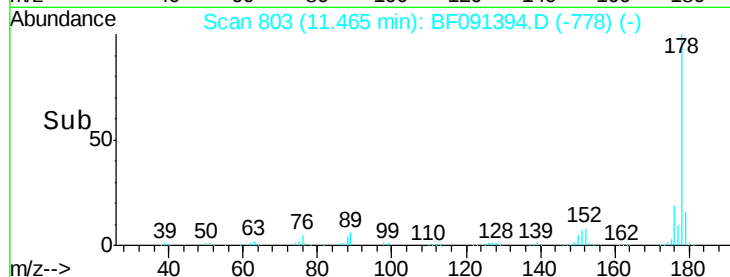
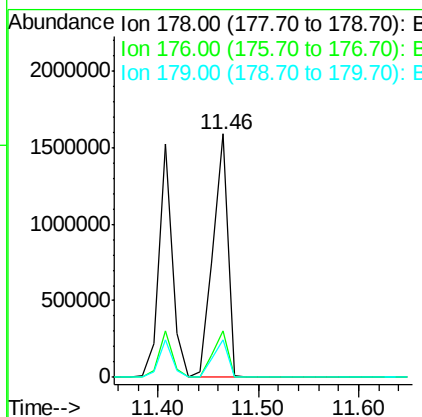
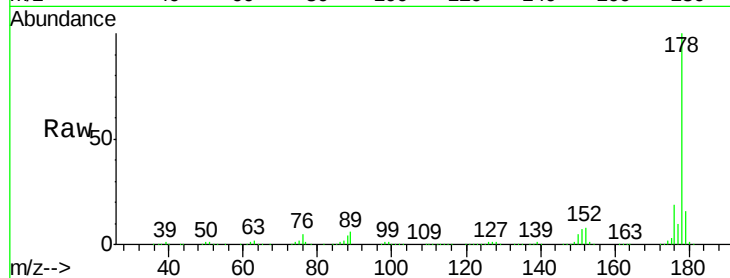
#71
 Anthracene
 Concen: 37.48 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion:178 Resp: 1642292
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.7 12.7 19.1

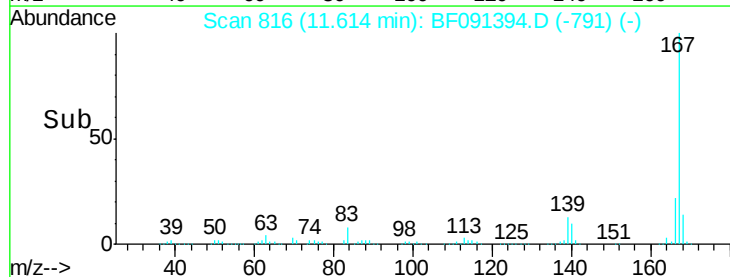
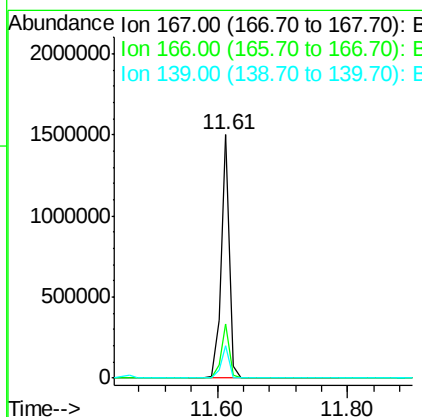
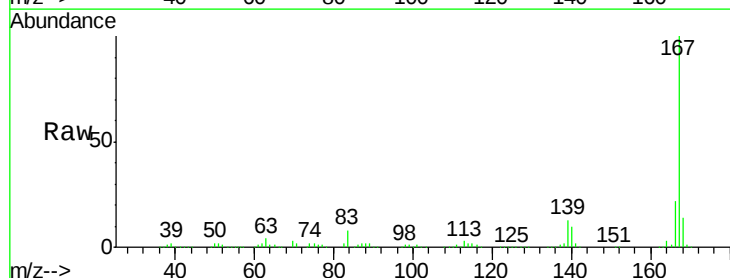
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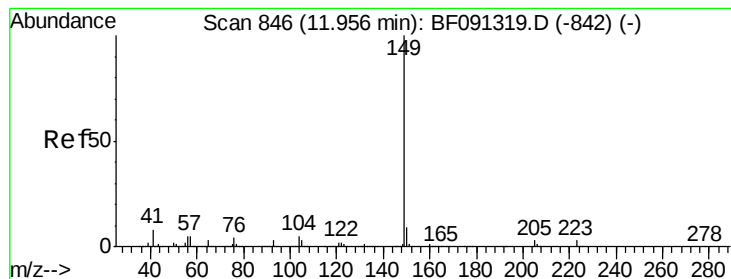
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#72
 Carbazole
 Concen: 33.90 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion:167 Resp: 1348031
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.5 17.3





#73

Di-n-butylphthalate

Concen: 36.53 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

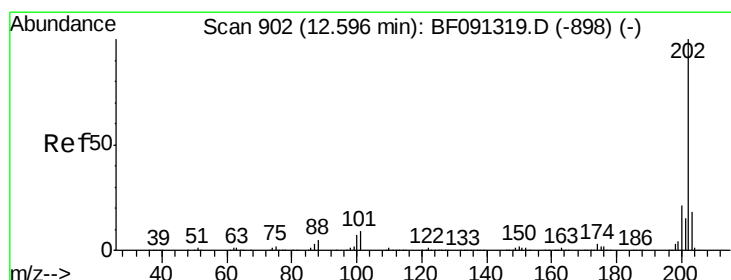
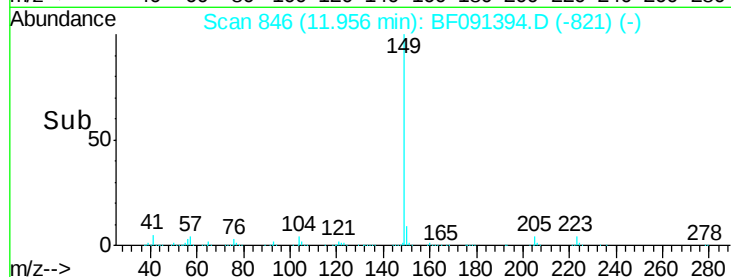
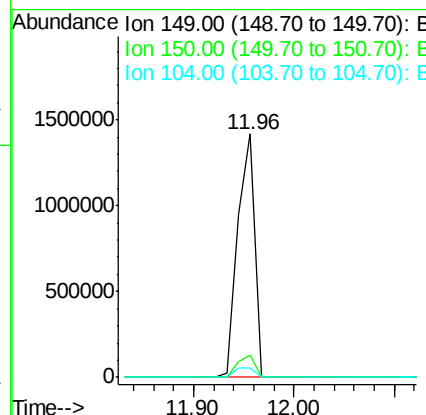
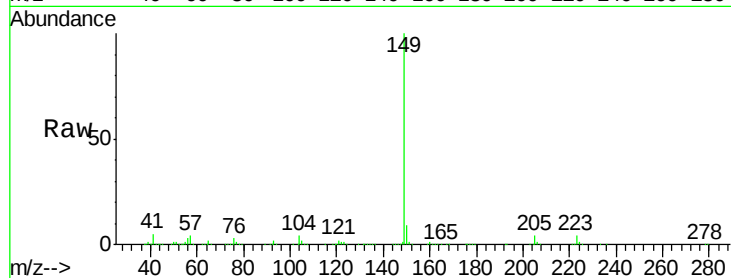
PB94987BS

Tgt Ion:149 Resp: 1646144

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.0	4.0	6.0

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#74

Fluoranthene

Concen: 40.76 ng

RT: 12.60 min Scan# 902

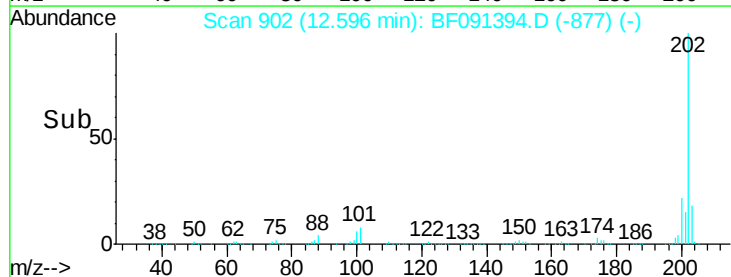
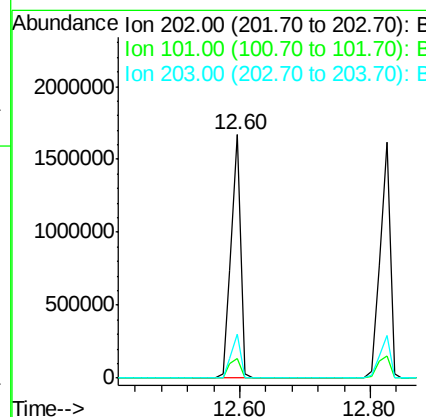
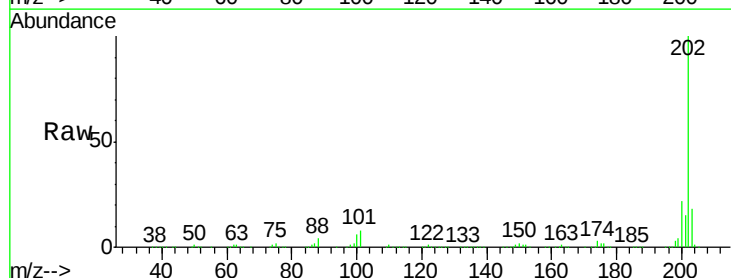
Delta R.T. -0.02 min

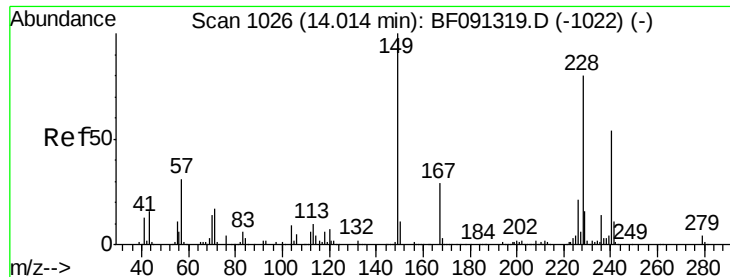
Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Tgt Ion:202 Resp: 1704854

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	29.5
203	18.1	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: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

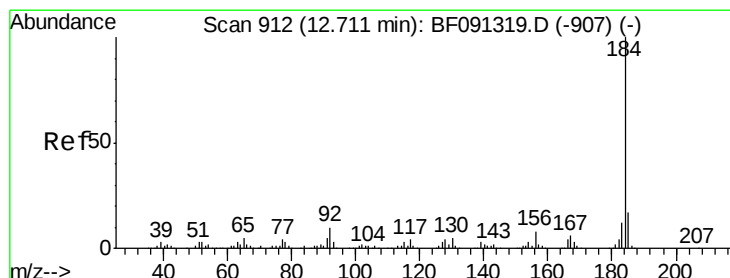
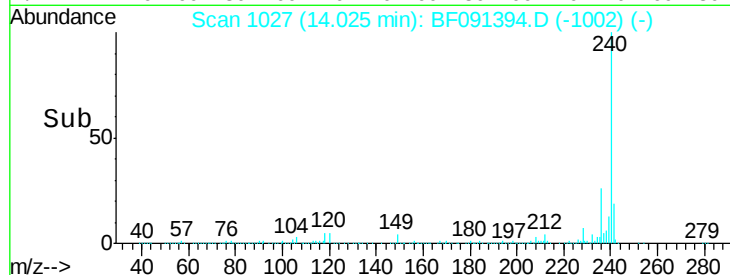
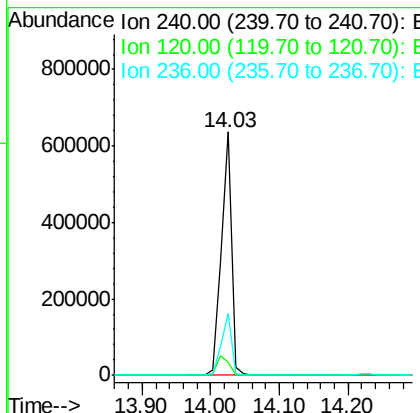
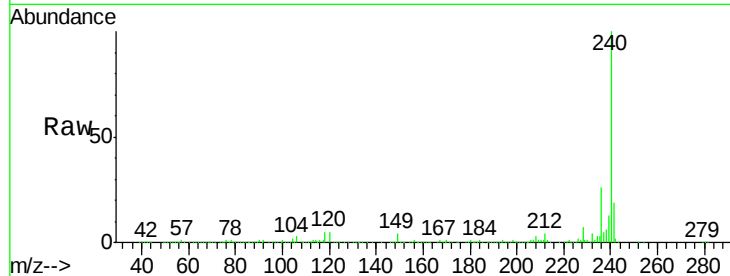
ClientSampleId :

PB94987BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	672031		
120	5.2	12.1	18.1	#
236	25.6	21.0	31.6	

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#76

Benzidine

Concen: 19.37 ng

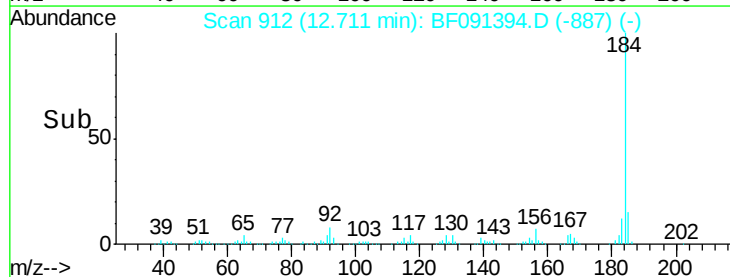
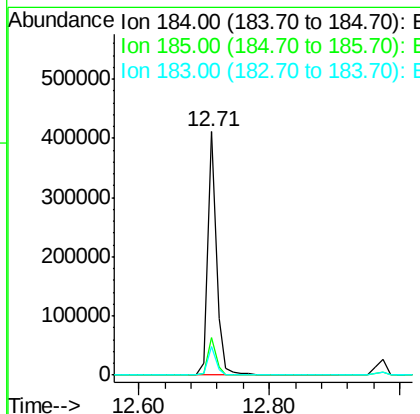
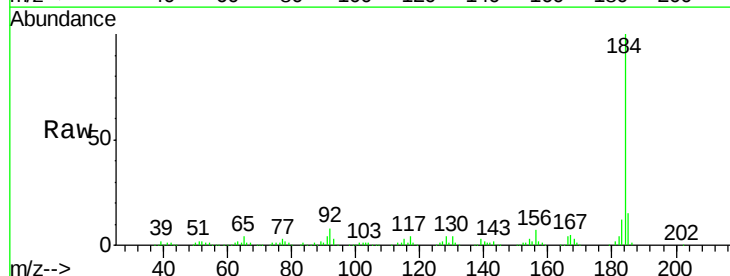
RT: 12.71 min Scan# 912

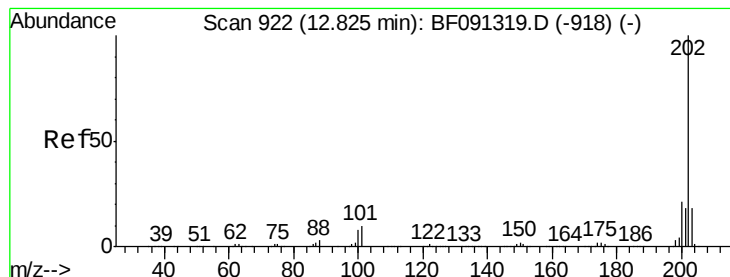
Delta R.T. -0.02 min

Lab File: BF091394.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	382078		
185	15.4	13.1	19.7	
183	11.8	8.9	13.3	





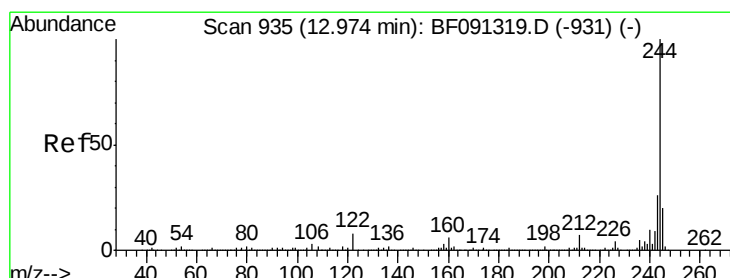
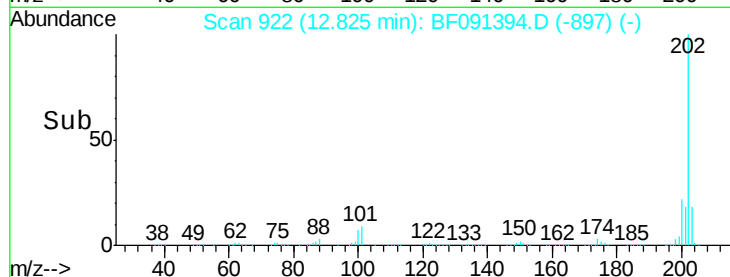
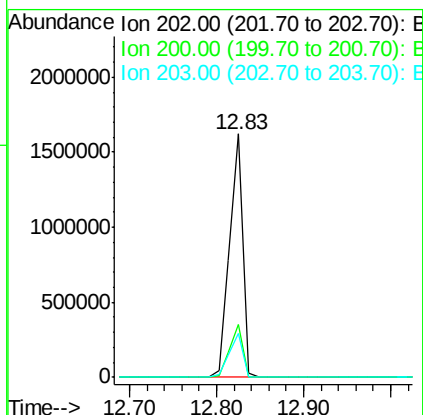
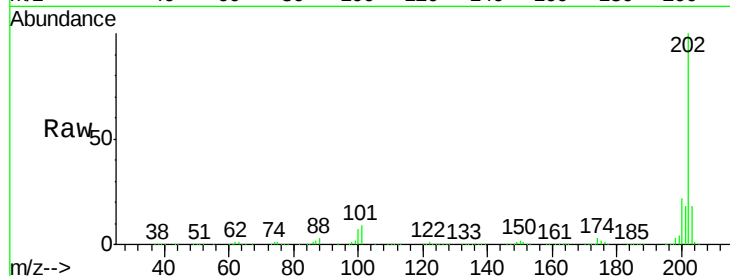
#77
Pyrene
 Concen: 33.41 ng
 RT: 12.83 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.0	21.0

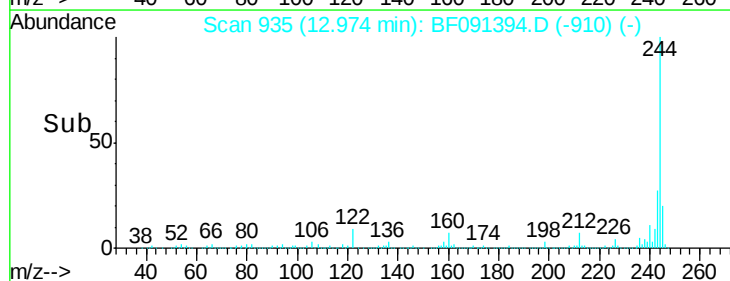
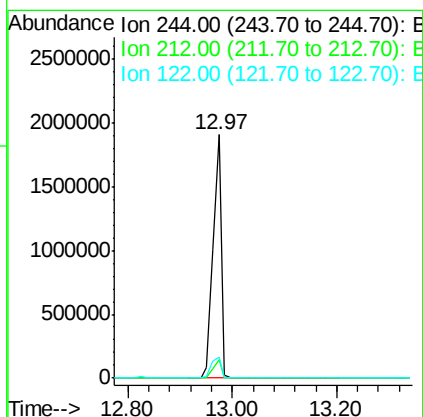
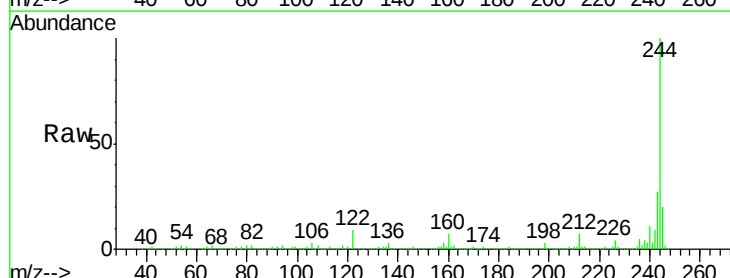
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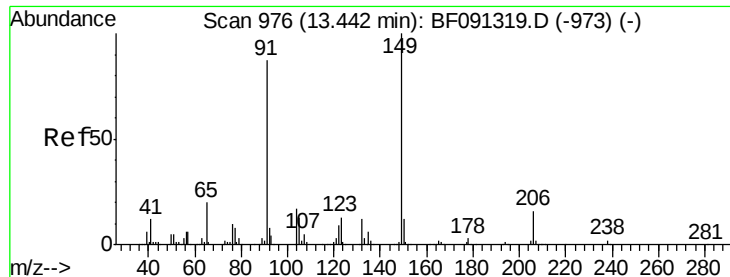
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#78
Terphenyl-d14
 Concen: 67.41 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	8.7	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 35.39 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091394.D

Acq: 2 Dec 2016 17:33

Instrument :

BNA_F

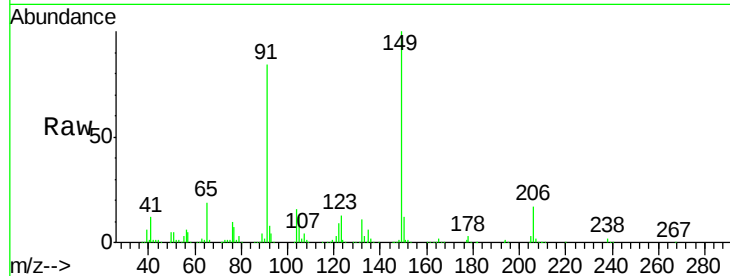
ClientSampleId :

PB94987BS

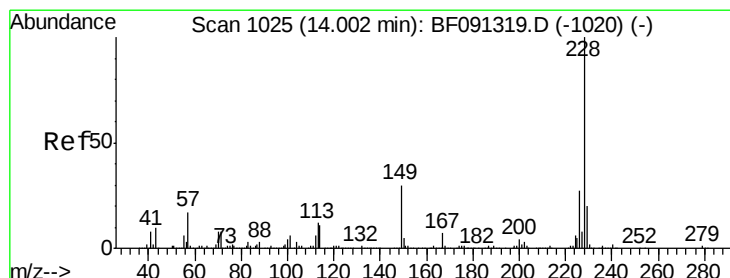
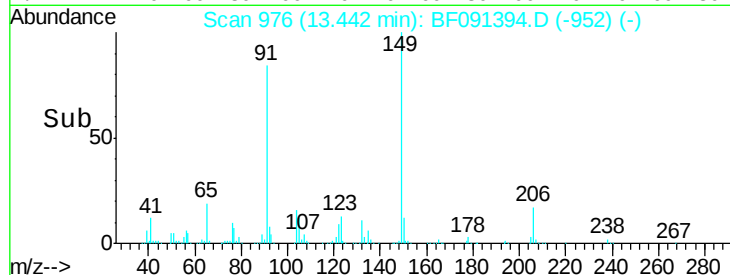
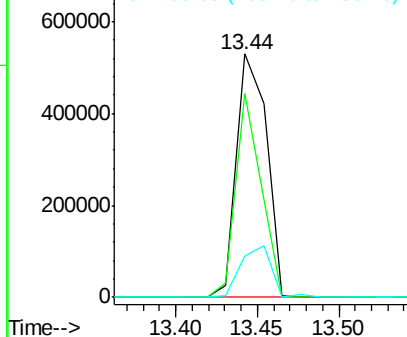
Tgt Ion:	149	Resp:	675918
Ion Ratio	Lower	Upper	
149	100		
91	83.7	57.4	86.2
206	17.0	15.4	23.2

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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: 33.93 ng

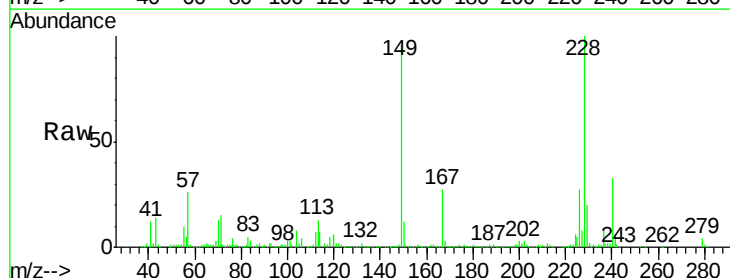
RT: 14.01 min Scan# 1026

Delta R.T. -0.01 min

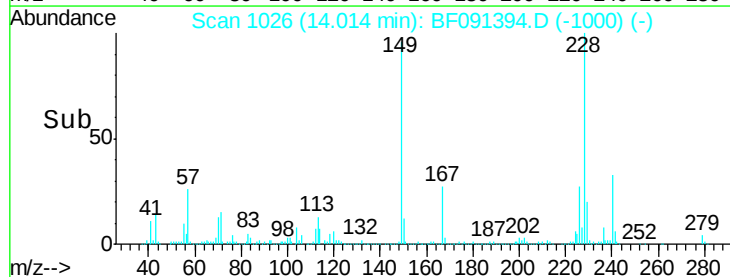
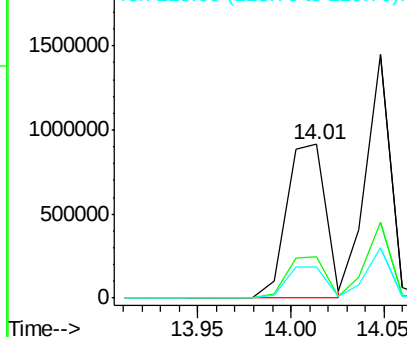
Lab File: BF091394.D

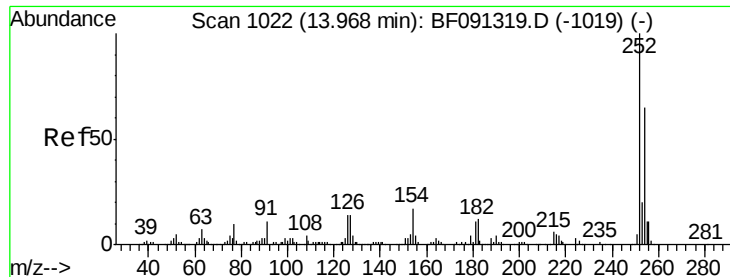
Acq: 2 Dec 2016 17:33

Tgt Ion:	228	Resp:	1333327
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.5	33.7
229	20.0	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





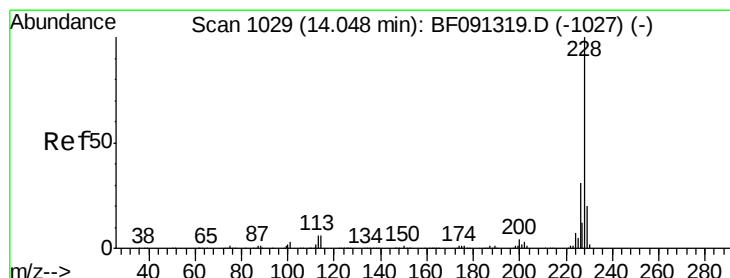
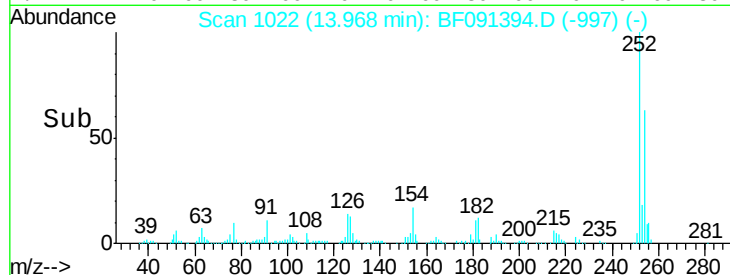
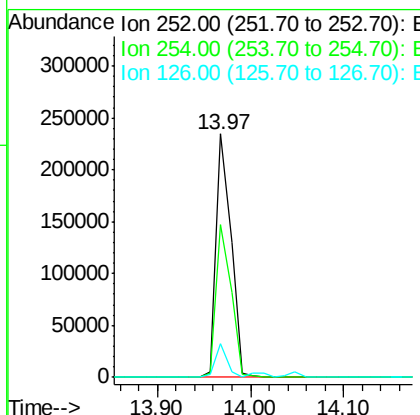
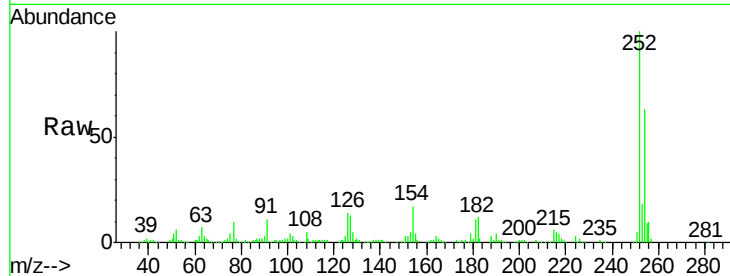
#81
 3,3'-Dichlorobenzidine
 Concen: 18.72 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.5	52.1	78.1
126	13.9	7.5	11.3

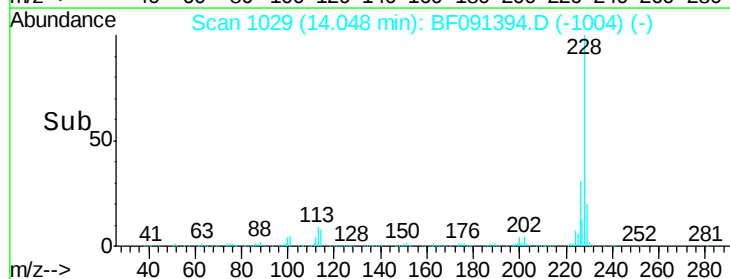
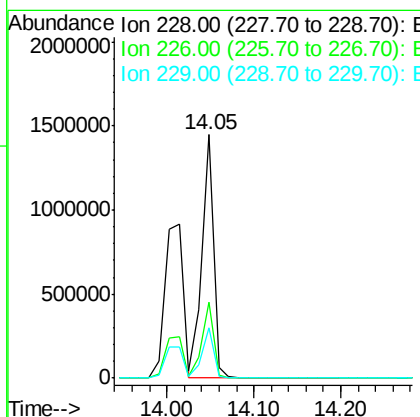
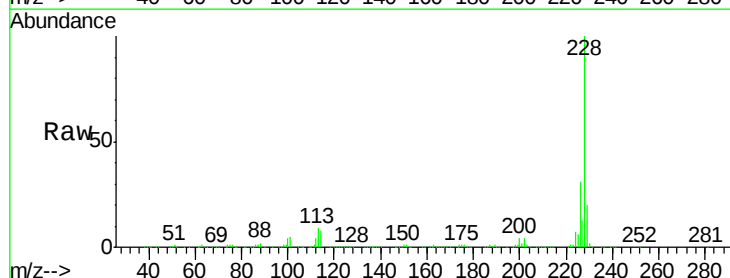
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#82
 Chrysene
 Concen: 34.35 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.0	37.4
229	20.4	16.0	24.0





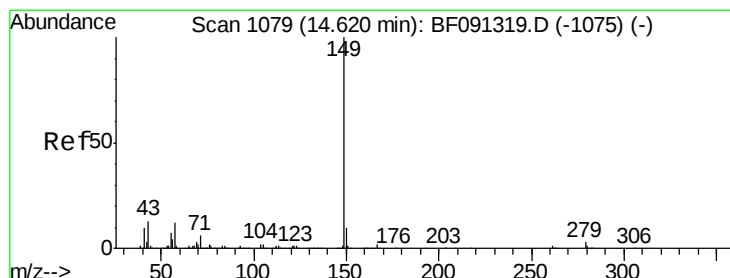
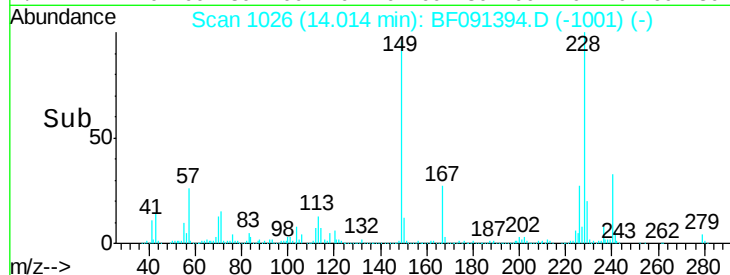
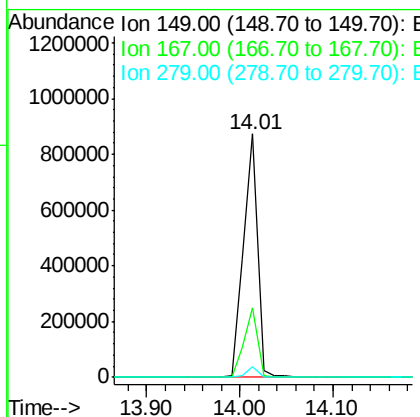
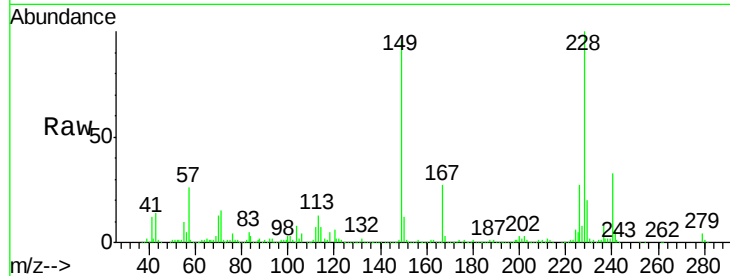
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.96 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	28.5	19.6	29.4
279	4.5	1.9	2.9#

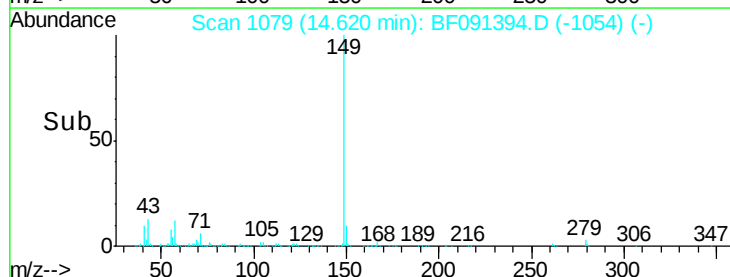
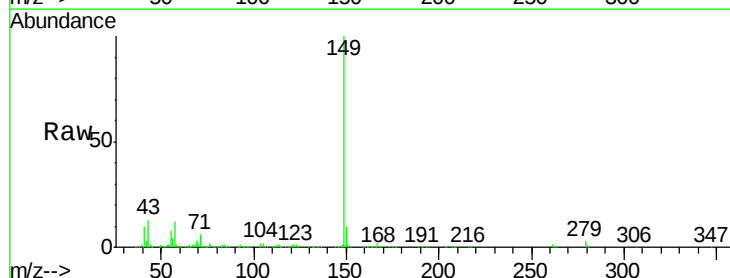
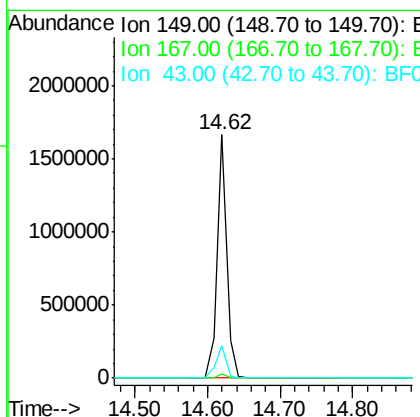
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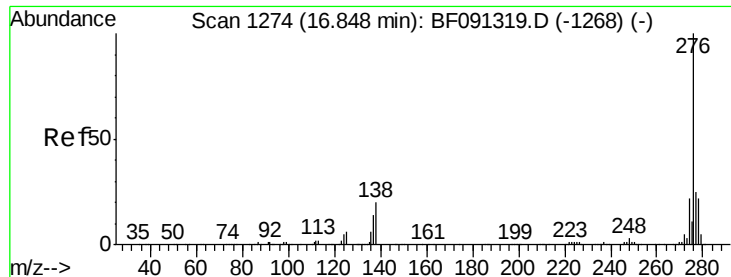
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#84
 Di-n-octyl phthalate
 Concen: 41.67 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	14.0	11.9	17.9





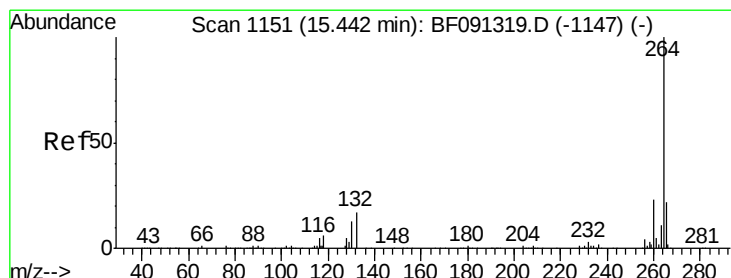
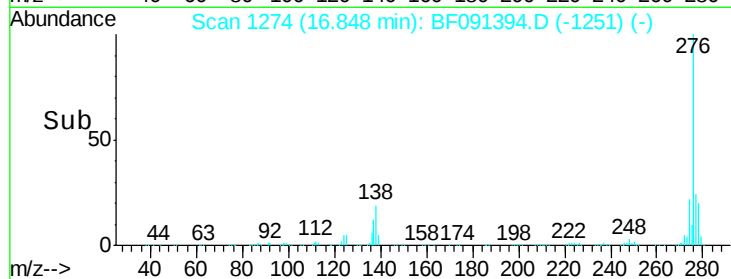
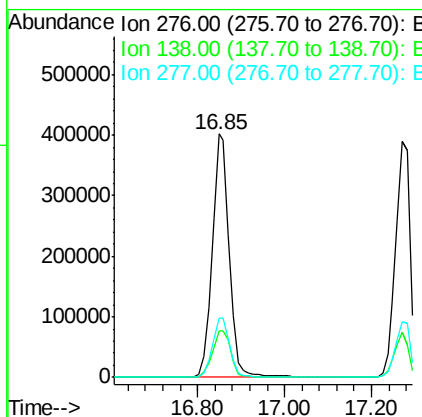
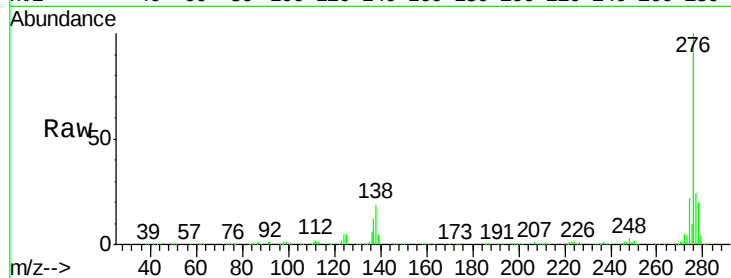
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.28 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampled :
PB94987BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	21.0	31.4#
277	25.0	20.2	30.2

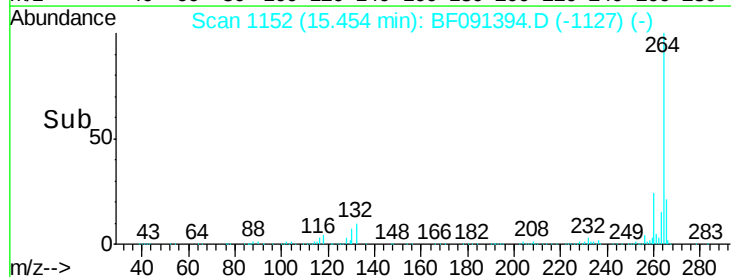
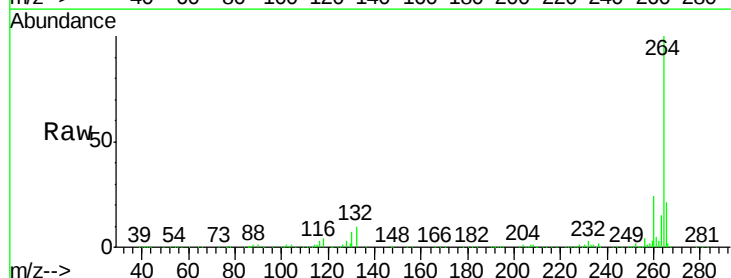
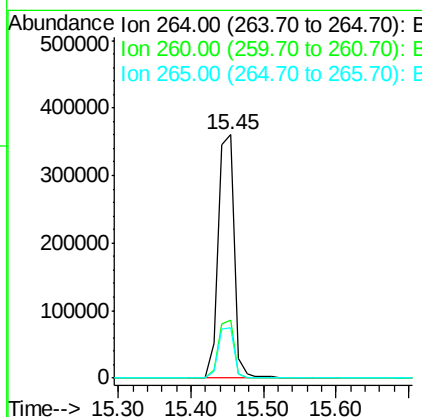
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	20.5	17.0	25.6





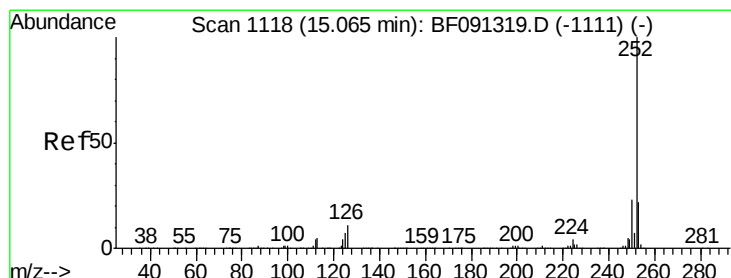
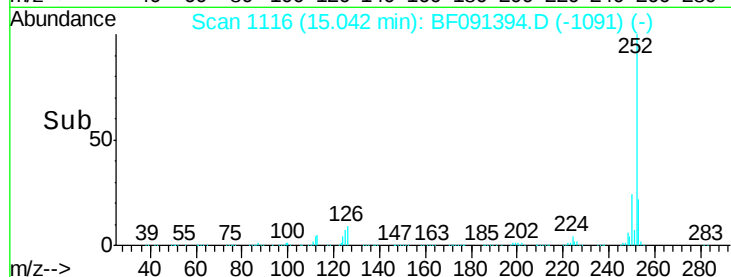
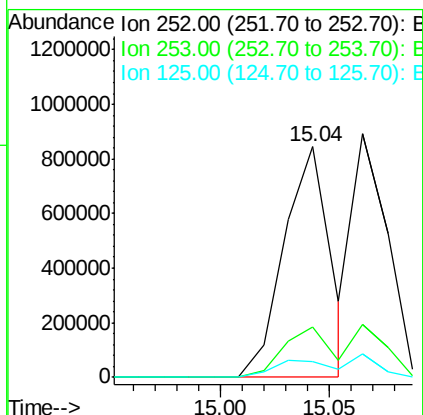
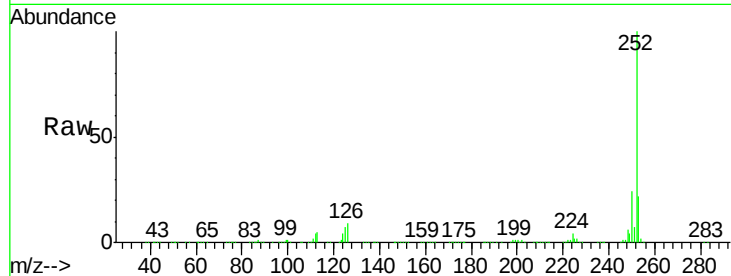
#87
Benzo(b)fluoranthene
Concen: 36.46 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	6.8	8.6	13.0

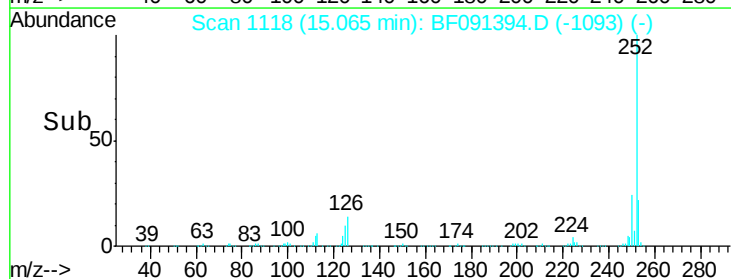
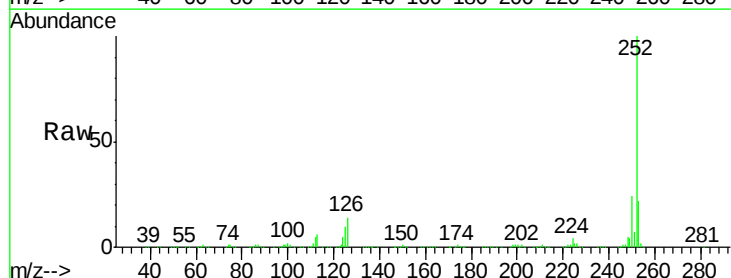
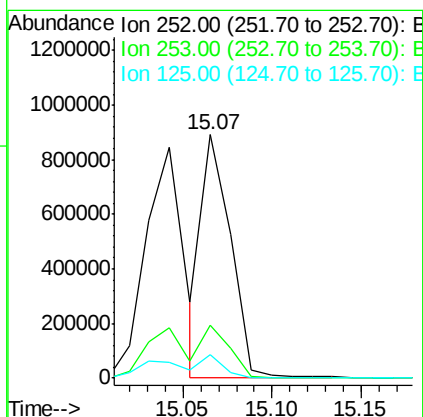
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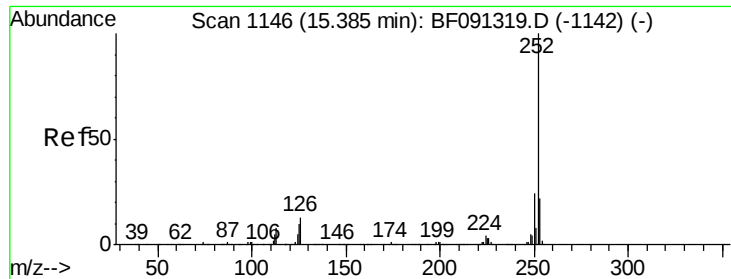
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#88
Benzo(k)fluoranthene
Concen: 35.15 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.8	9.6	14.4





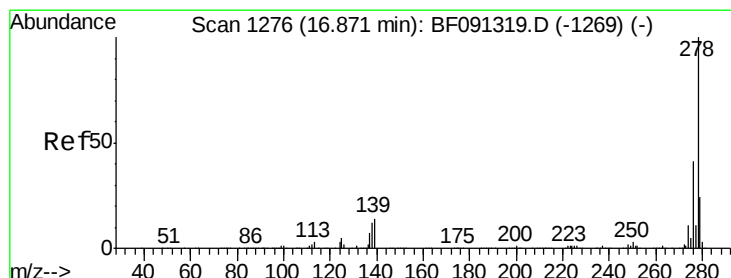
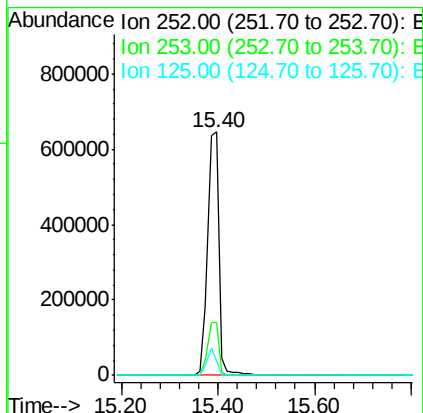
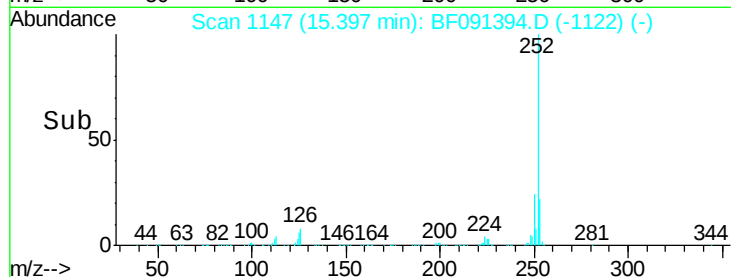
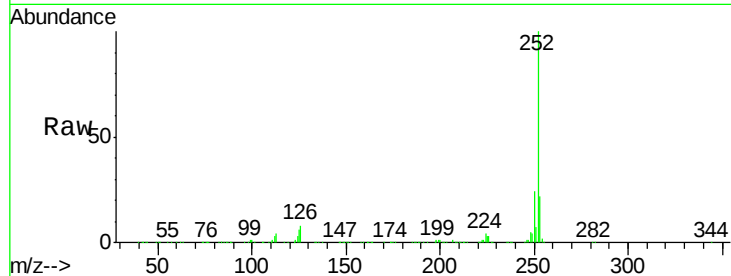
#89
Benzo(a)pyrene
Concen: 34.80 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Tgt Ion: 252 Resp: 1072236
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 5.9 10.4 15.6#

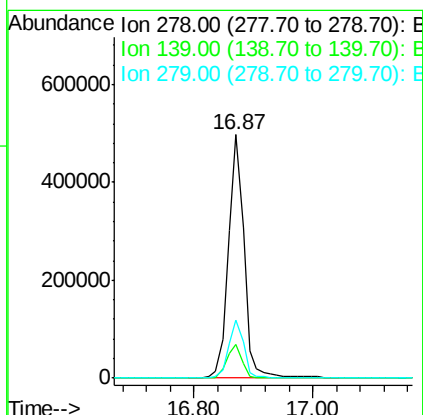
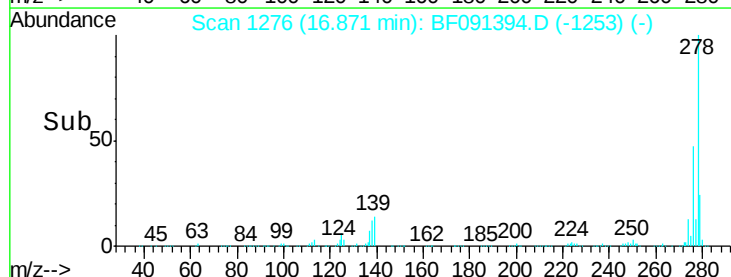
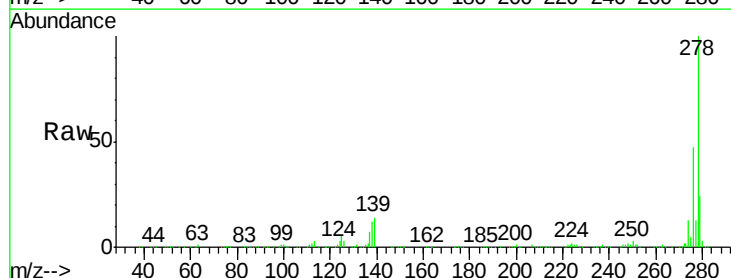
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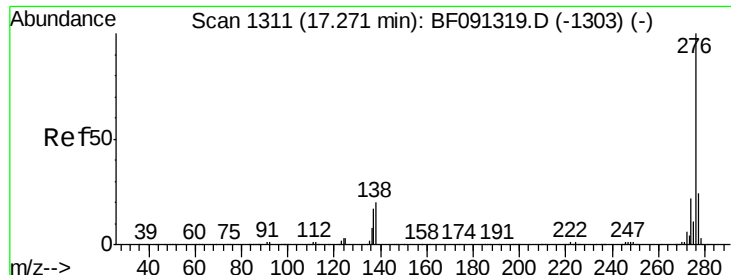
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#90
Dibenzo(a,h)anthracene
Concen: 31.94 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091394.D
Acq: 2 Dec 2016 17:33

Tgt Ion: 278 Resp: 910225
Ion Ratio Lower Upper
278 100
139 13.9 15.1 22.7#
279 24.0 19.0 28.6





#91
 Benzo(g,h,i)perylene
 Concen: 31.61 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091394.D
 Acq: 2 Dec 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BS

Tgt Ion:	276	Resp:	928661
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	19.1	15.4	23.0

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