

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
 Data File : BF091325.D
 Acq On : 29 Nov 2016 14:19
 Operator : UM/SJ
 Sample : PB94860BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Manual Integrations
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Quant Time: Nov 29 15:27:46 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	6.87	152	180027	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	728201	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	425707	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	674307	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	423762	20.00	ng	-0.02
86) Perylene-d12	15.44	264	389313	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1245327	113.00	ng	0.00
7) Phenol-d6	6.50	99	1781612	131.33	ng	0.00
23) Nitrobenzene-d5	7.43	82	1055846	81.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	508182	126.09	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2045993	87.02	ng	0.00
78) Terphenyl-d14	12.97	244	1755341	90.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	183518	36.81	ng	89
3) Pyridine	3.27	79	538116	38.14	ng	85
4) n-Nitrosodimethylamine	3.22	42	315974	42.68	ng	94
6) Aniline	6.53	93	339002	18.81	ng	# 70
8) 2-Chlorophenol	6.65	128	520789	43.10	ng	92
9) Benzaldehyde	6.40	77	24513	2.81	ng	92
10) Phenol	6.52	94	697318	43.69	ng	89
11) bis(2-Chloroethyl)ether	6.61	93	525721	46.09	ng	94
12) 1,3-Dichlorobenzene	6.80	146	520314m	38.71	ng	
13) 1,4-Dichlorobenzene	6.88	146	524531	39.23	ng	97
14) 1,2-Dichlorobenzene	7.04	146	521467	41.88	ng	94
15) Benzyl Alcohol	7.01	79	439489	40.48	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1013763	41.34	ng	71
17) 2-Methylphenol	7.12	107	412106	43.15	ng	# 78
18) Hexachloroethane	7.38	117	202975	42.76	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	348652	40.79	ng	# 96
20) 3+4-Methylphenols	7.27	107	495960	42.54	ng	# 68
22) Acetophenone	7.28	105	685563	39.72	ng	# 91
24) Nitrobenzene	7.45	77	577965	43.44	ng	# 78
25) Isophorone	7.69	82	1009212	43.84	ng	98
26) 2-Nitrophenol	7.76	139	239904	39.57	ng	98
27) 2,4-Dimethylphenol	7.81	122	490872	43.28	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	601699	43.42	ng	100
29) 2,4-Dichlorophenol	8.01	162	413041	41.40	ng	88
30) 1,2,4-Trichlorobenzene	8.09	180	465310	41.60	ng	98
31) Naphthalene	8.17	128	1410904	40.77	ng	100
32) Benzoic acid	7.93	122	347151	41.52	ng	91
33) 4-Chloroaniline	8.22	127	114368	7.73	ng	98
34) Hexachlorobutadiene	8.30	225	289267	42.06	ng	98
35) Caprolactam	8.58	113	129571m	45.18	ng	
36) 4-Chloro-3-methylphenol	8.71	107	463865	43.06	ng	# 85
37) 2-Methylnaphthalene	8.87	142	995490	42.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	402732	33.56	ng	99
40) Hexachlorocyclopentadiene	9.03	237	551205	99.09	ng	97

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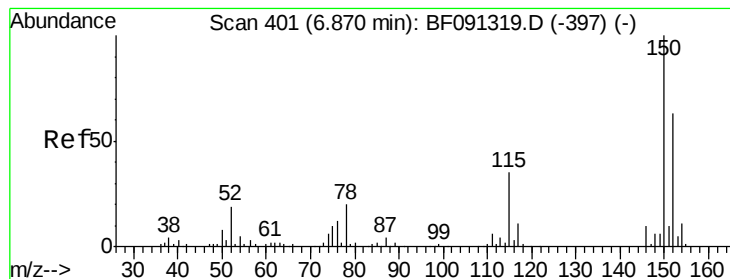
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	342334	43.89	ng	95
43) 2,4,5-Trichlorophenol	9.19	196	308102	39.42	ng	96
45) 1,1'-Biphenyl	9.33	154	1084454	35.43	ng	98
46) 2-Chloronaphthalene	9.35	162	852833	37.41	ng	98
47) 2-Nitroaniline	9.44	65	285011	34.81	ng	# 75
48) Acenaphthylene	9.77	152	1434713	39.98	ng	99
49) Dimethylphthalate	9.64	163	1063573	41.26	ng	98
50) 2,6-Dinitrotoluene	9.69	165	265390	46.06	ng	# 73
51) Acenaphthene	9.94	154	1061583	43.86	ng	95
52) 3-Nitroaniline	9.85	138	89746	13.46	ng	98
53) 2,4-Dinitrophenol	9.97	184	265844	105.52	ng	# 74
54) Dibenzofuran	10.12	168	1367136	42.18	ng	92
55) 4-Nitrophenol	10.01	139	396491	82.32	ng	95
56) 2,4-Dinitrotoluene	10.09	165	316198	42.31	ng	# 72
57) Fluorene	10.46	166	1017691	40.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	290823	43.57	ng	96
59) Diethylphthalate	10.33	149	980048	38.52	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	449220	36.00	ng	# 88
61) 4-Nitroaniline	10.47	138	217777	34.78	ng	94
62) Azobenzene	10.61	77	1131192	43.57	ng	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	164651	44.32	ng	# 32
65) n-Nitrosodiphenylamine	10.56	169	854267	41.78	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	328886	45.38	ng	# 85
67) Hexachlorobenzene	11.01	284	319745	40.83	ng	# 86
68) Atrazine	11.10	200	298027	45.01	ng	92
69) Pentachlorophenol	11.19	266	361913	78.49	ng	93
70) Phenanthrene	11.41	178	1440630	41.12	ng	99
71) Anthracene	11.46	178	1488588	42.81	ng	99
72) Carbazole	11.61	167	1198679	37.99	ng	98
73) Di-n-butylphthalate	11.96	149	1560795	43.64	ng	99
74) Fluoranthene	12.60	202	1425389	42.95	ng	99
76) Benzidine	12.71	184	245345	19.72	ng	100
77) Pyrene	12.82	202	1479918	46.02	ng	99
79) Butylbenzylphthalate	13.45	149	579854	48.15	ng	# 83
80) Benzo(a)anthracene	14.00	228	1085294	43.79	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	188787	21.62	ng	# 97
82) Chrysene	14.05	228	1114484	45.45	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	738481	48.38	ng	# 94
84) Di-n-octyl phthalate	14.62	149	1093299	47.33	ng	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1099880	48.98	ng	95
87) Benzo(b)fluoranthene	15.04	252	1064306m	43.98	ng	
88) Benzo(k)fluoranthene	15.07	252	751100m	36.91	ng	
89) Benzo(a)pyrene	15.39	252	885824	40.76	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	907694	45.16	ng	# 96
91) Benzo(g,h,i)perylene	17.28	276	960688	46.36	ng	98

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



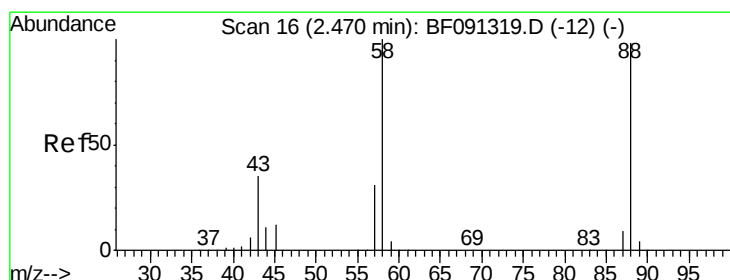
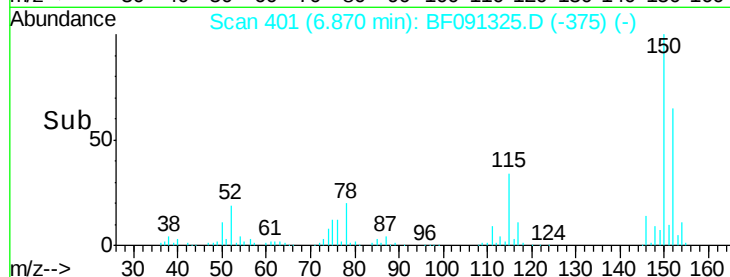
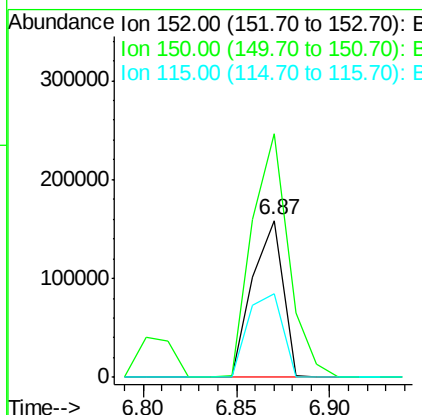
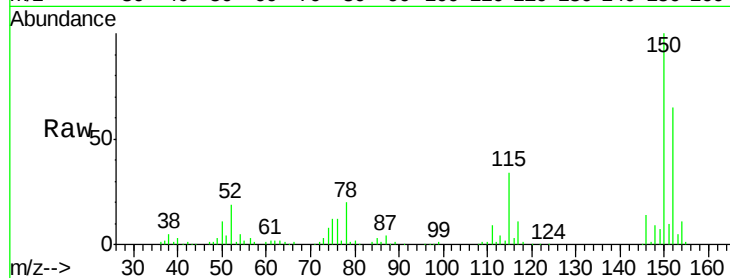
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	53.3	51.8	77.8

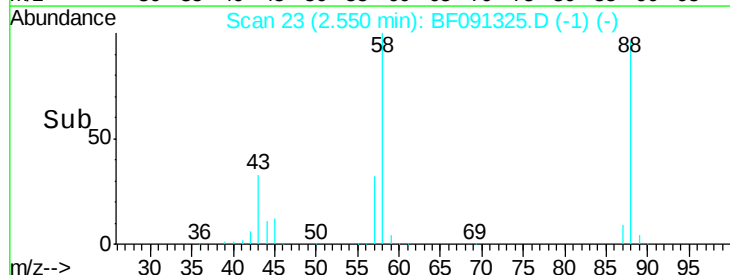
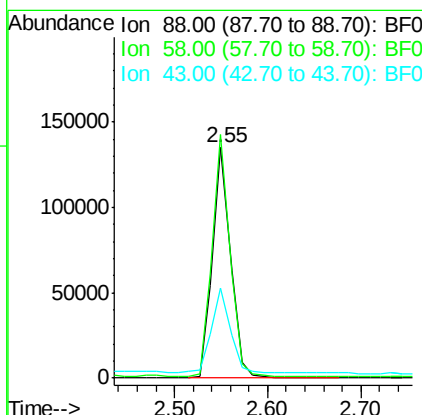
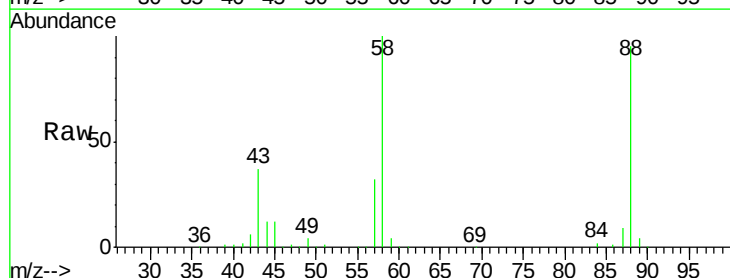
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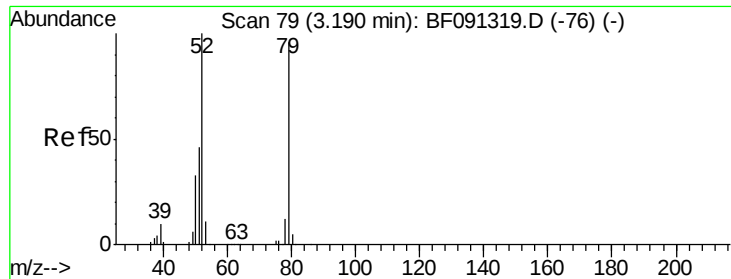
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#2
 1,4-Dioxane
 Concen: 36.81 ng
 RT: 2.55 min Scan# 23
 Delta R.T. 0.05 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.6	70.3	105.5
43	38.9	31.3	46.9





#3

Pyridine

Concen: 38.14 ng

RT: 3.27 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

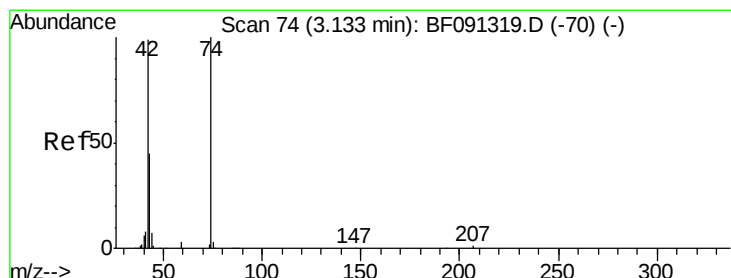
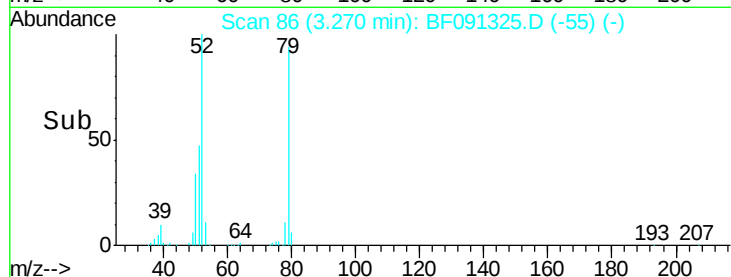
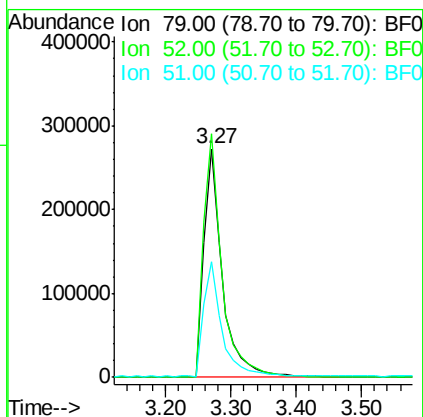
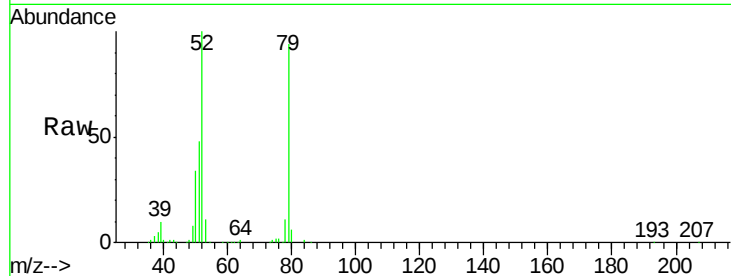
ClientSampleId :

PB94860BS

Tgt Ion:	79	Resp:	538116
Ion Ratio	Lower	Upper	
79	100		
52	106.4	71.0	106.4
51	50.7	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 42.68 ng

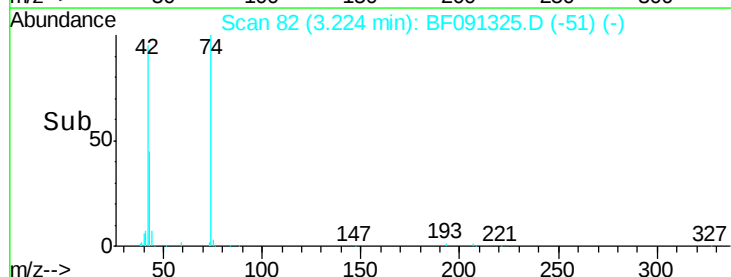
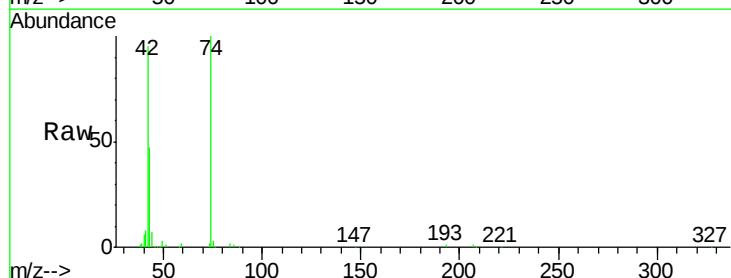
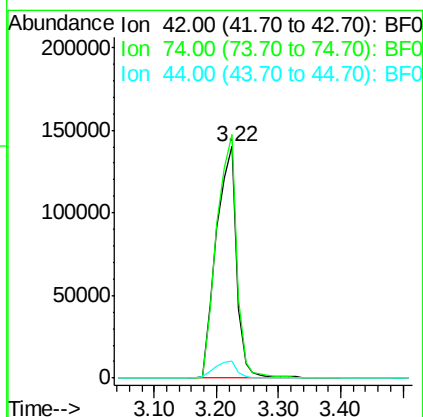
RT: 3.22 min Scan# 82

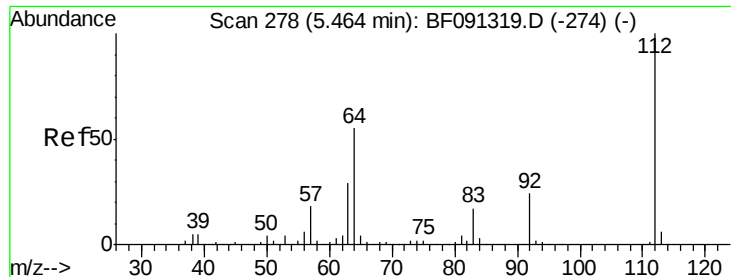
Delta R.T. 0.05 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:	42	Resp:	315974
Ion Ratio	Lower	Upper	
42	100		
74	105.0	78.9	118.3
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 113.00 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

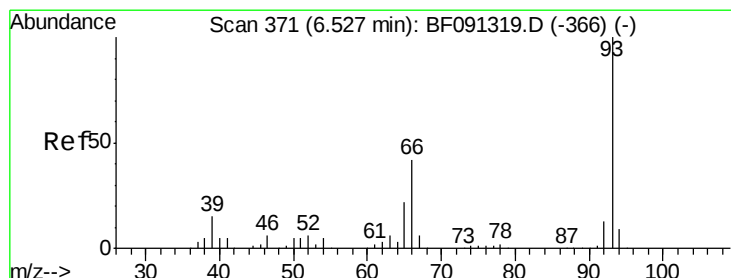
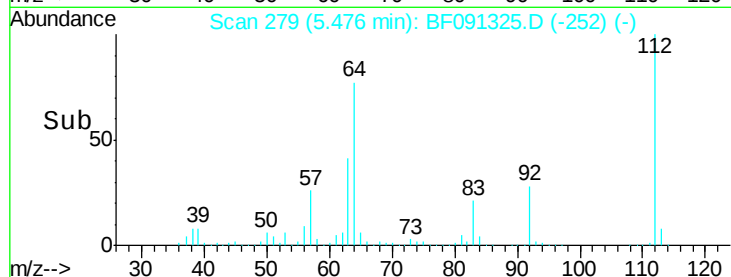
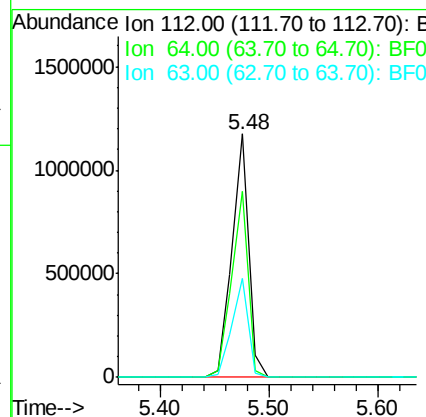
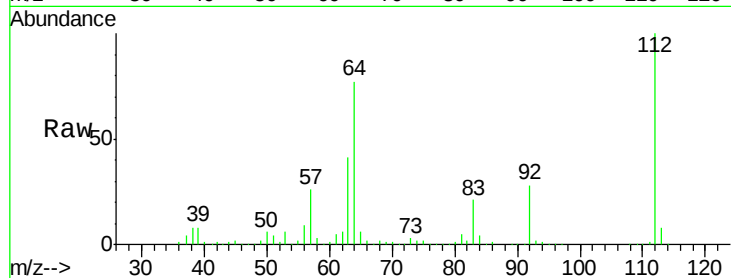
ClientSampleId :

PB94860BS

Tgt Ion:	112	Resp:	1245327
Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.5	92.3
63	40.7	33.3	49.9

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#6

Aniline

Concen: 18.81 ng

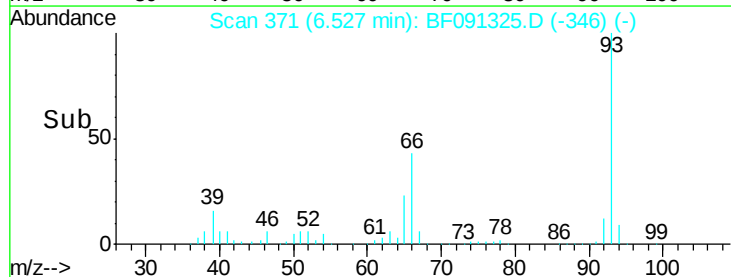
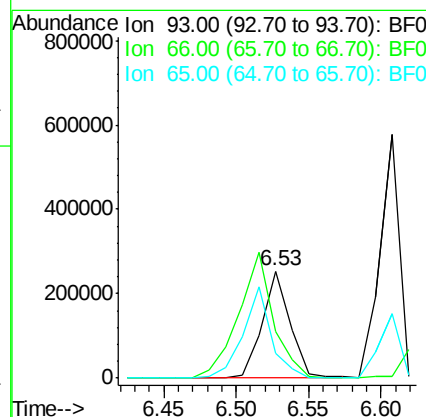
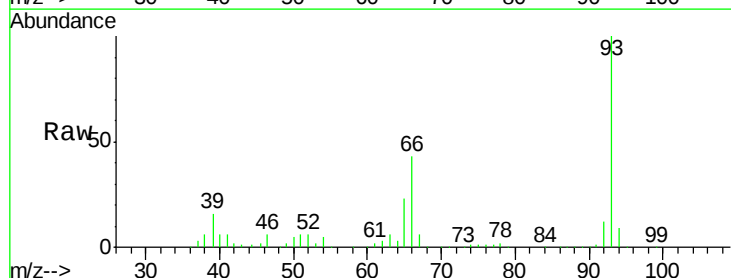
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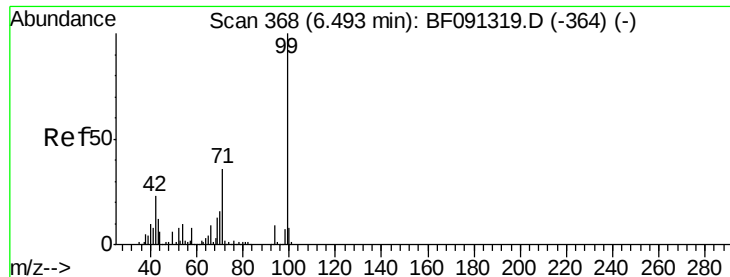
Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:	93	Resp:	339002
Ion	Ratio	Lower	Upper
93	100		
66	43.2	55.8	83.6#
65	22.8	29.9	44.9#





#7

Phenol-d6

Concen: 131.33 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion: 99 Resp: 1781612

Ion Ratio Lower Upper

99 100

42 20.4 20.6 31.0#

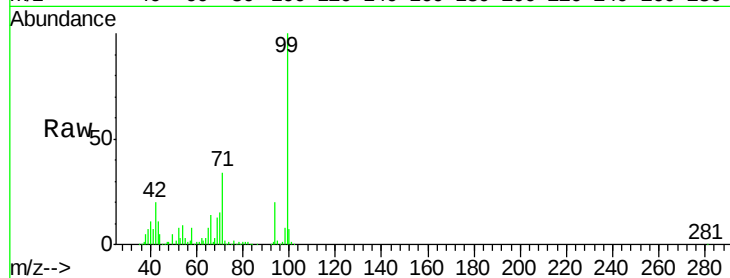
71 34.2 29.9 44.9

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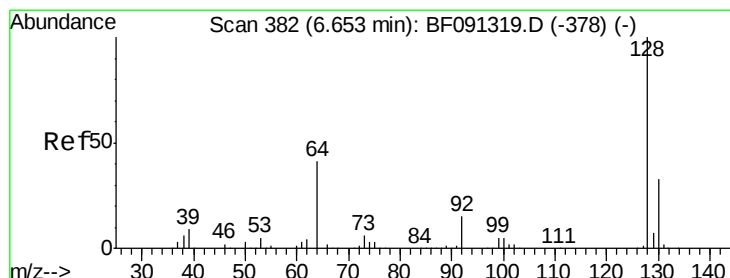
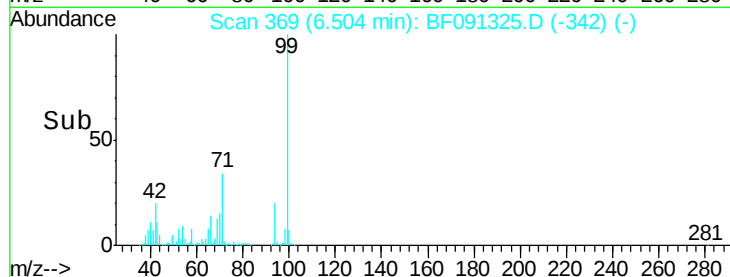
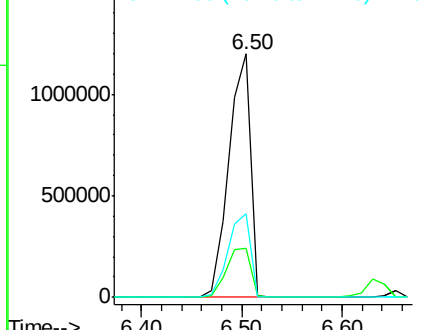
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.10 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

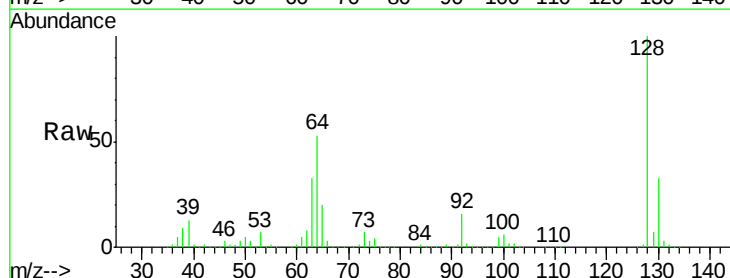
Tgt Ion: 128 Resp: 520789

Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

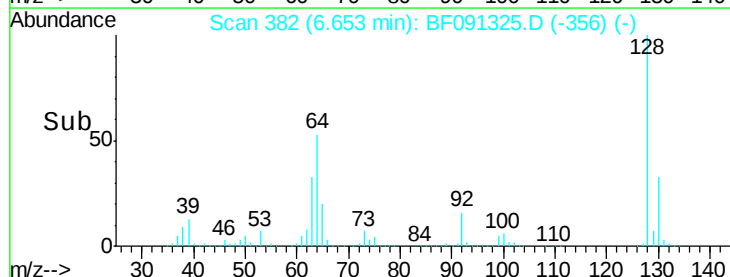
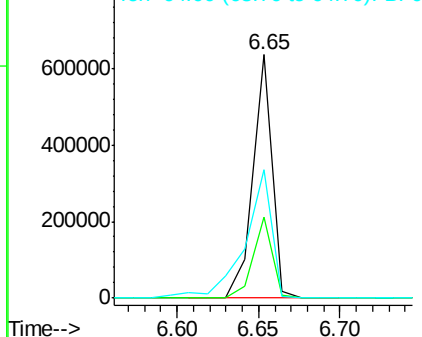
64 52.9 24.1 64.1

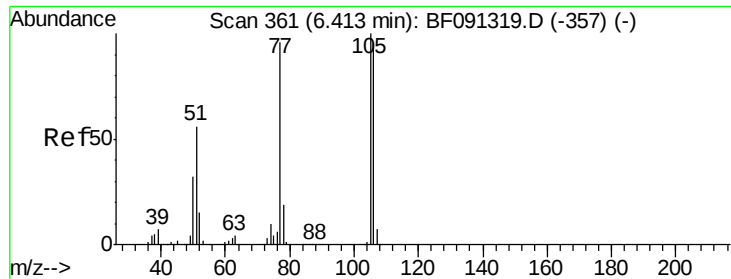


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091325.D

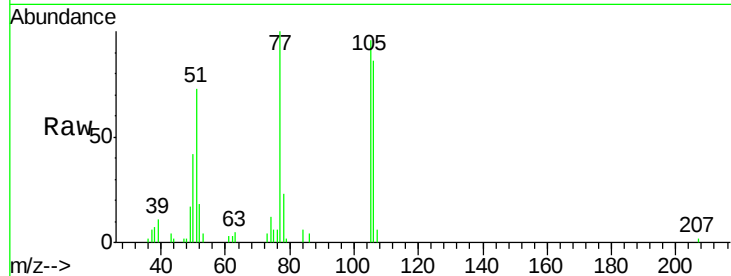
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Instrument :

BNA_F

ClientSampleId :

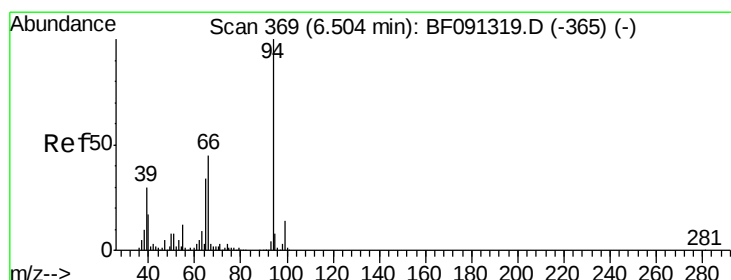
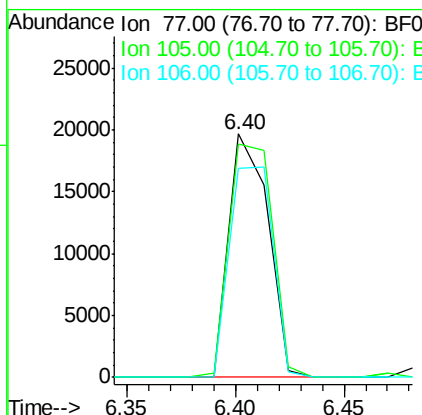
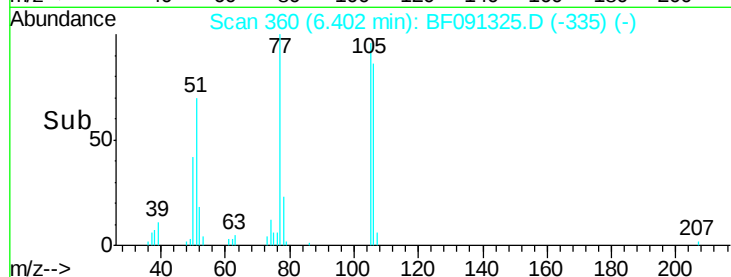
PB94860BS



Tgt Ion:	77	Resp:	24513
Ion Ratio	Lower	Upper	
77	100		
105	95.9	66.4	106.4
106	85.7	60.9	100.9

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#10

Phenol

Concen: 43.69 ng

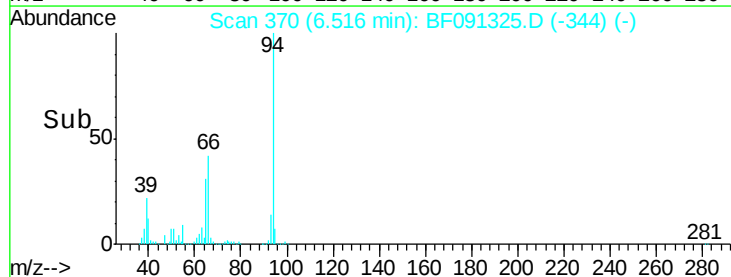
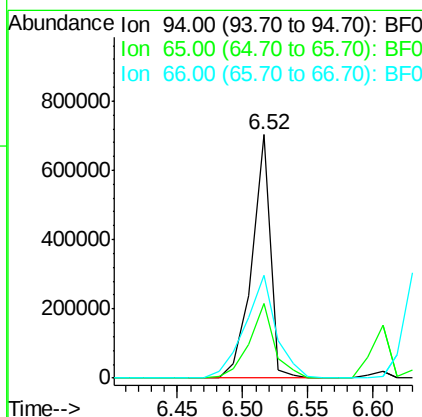
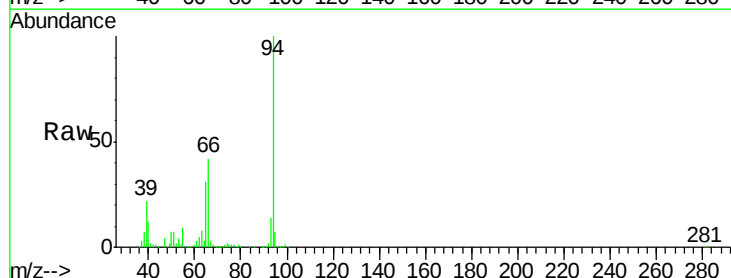
RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:	94	Resp:	697318
Ion Ratio	Lower	Upper	
94	100		
65	30.7	16.9	56.9
66	42.5	30.6	70.6





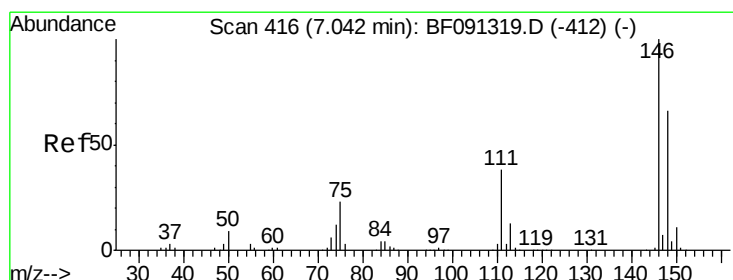
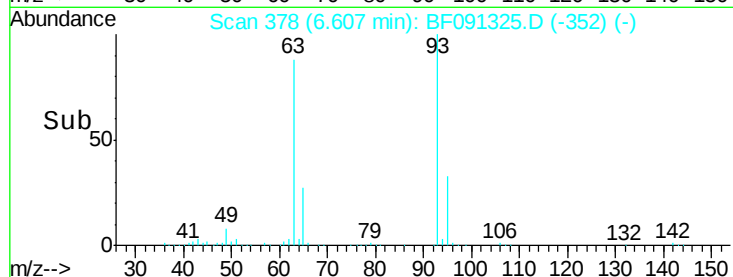
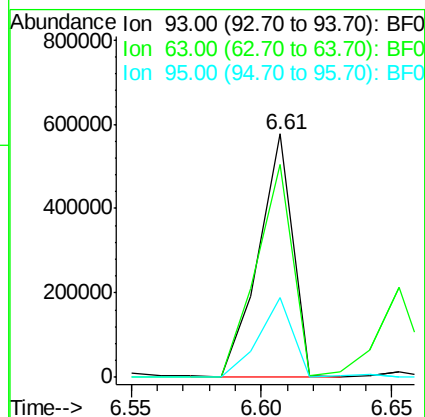
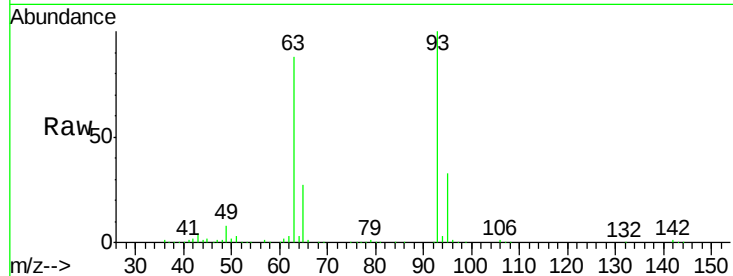
#11
bis(2-Chloroethyl)ether
Concen: 46.09 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.7	74.8	114.8
95	33.0	12.4	52.4

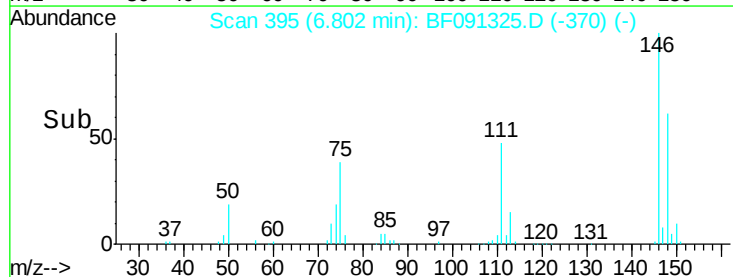
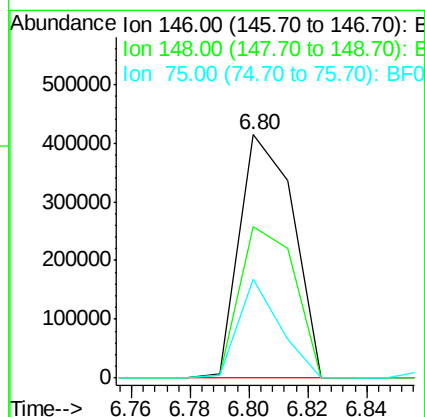
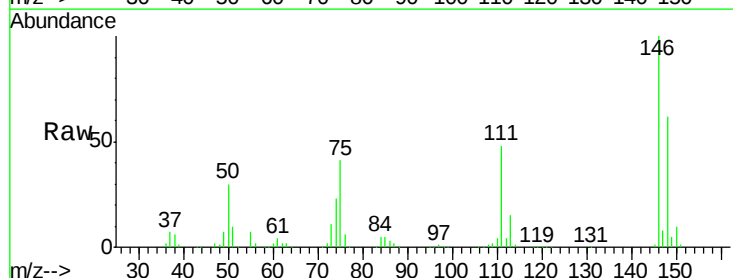
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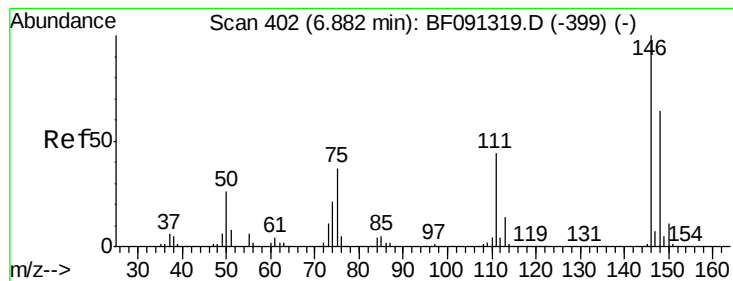
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#12
1,3-Dichlorobenzene
Concen: 38.71 ng m
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
75	40.9	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 39.23 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

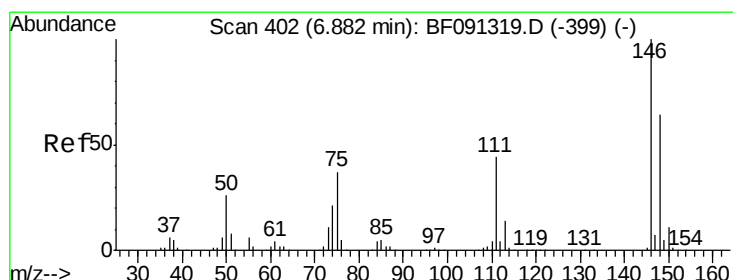
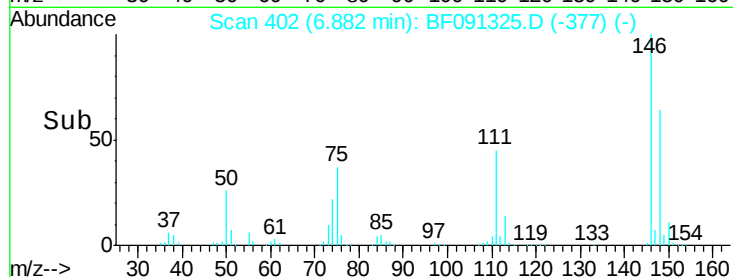
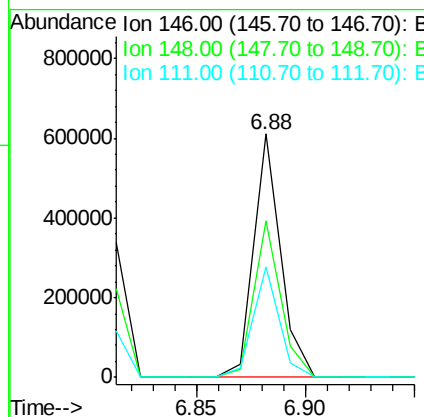
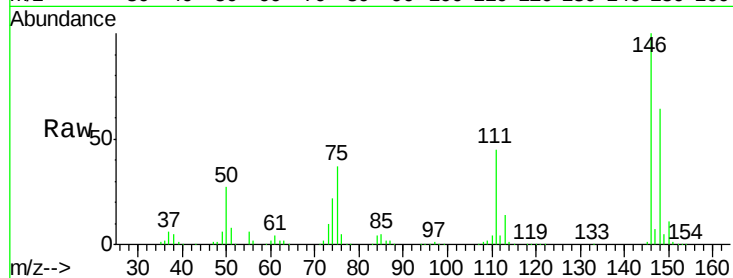
ClientSampleId :

PB94860BS

Tgt Ion:	146	Resp:	524531
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.0
111	45.5	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 41.88 ng

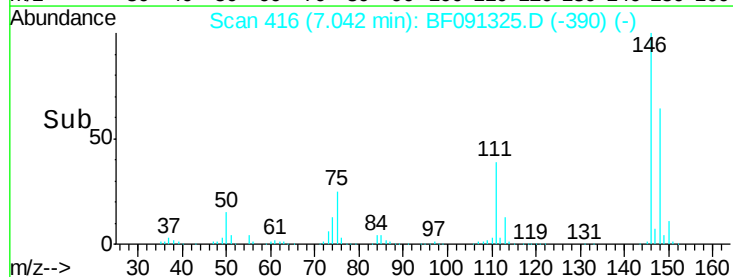
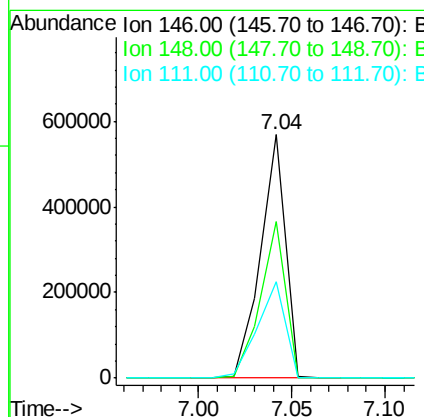
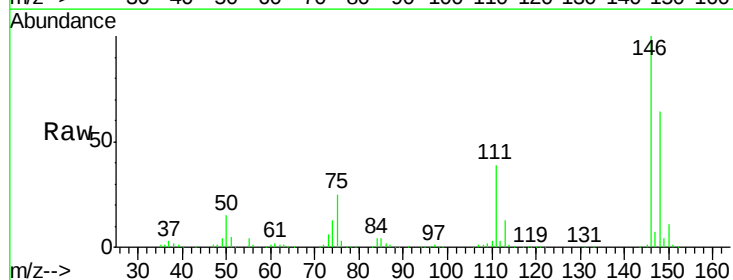
RT: 7.04 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:	146	Resp:	521467
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	39.4	38.9	58.3





#15

Benzyl Alcohol

Concen: 40.48 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion: 79 Resp: 439489
Ion Ratio Lower Upper

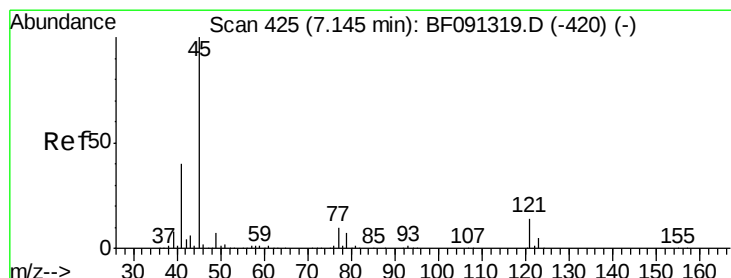
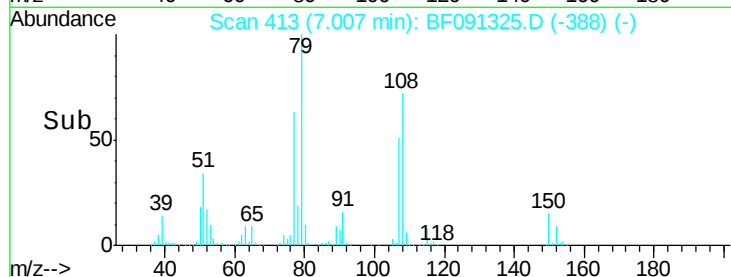
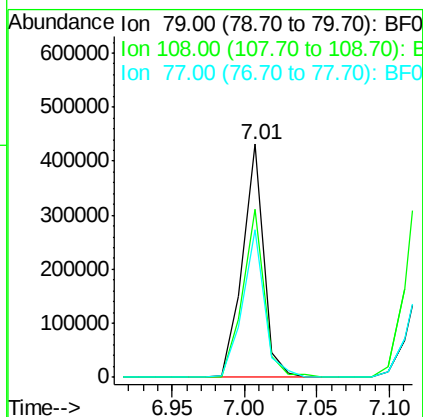
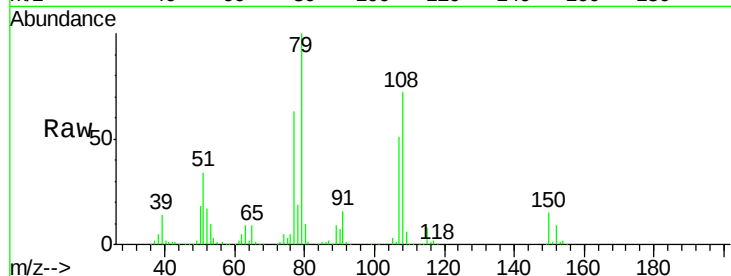
79 100

108 72.3 62.7 94.1

77 63.4 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.34 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091325.D

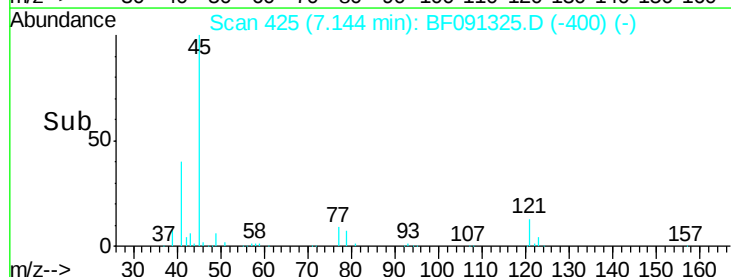
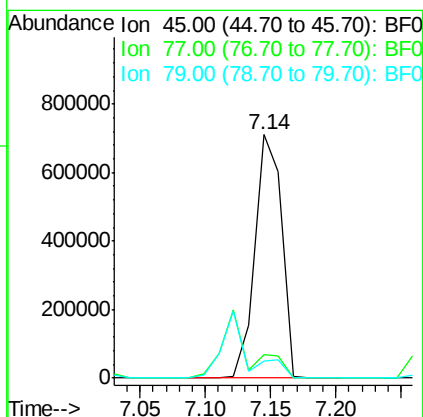
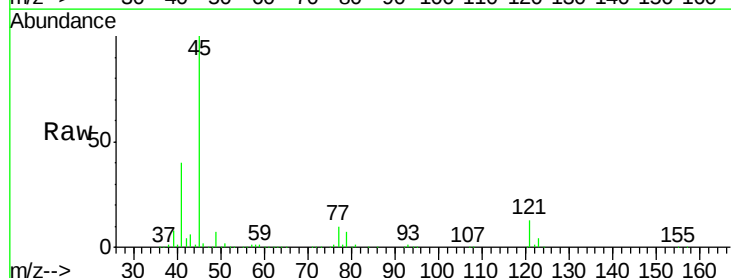
Acq: 29 Nov 2016 14:19

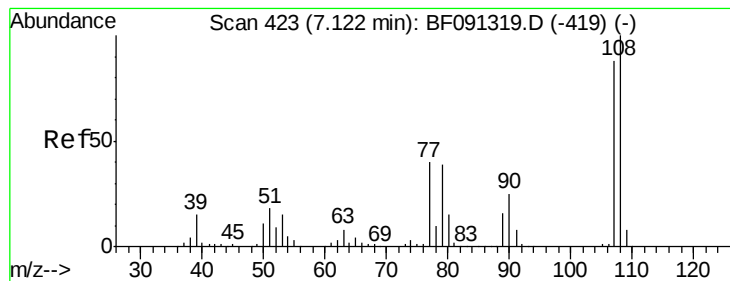
Tgt Ion: 45 Resp: 1013763
Ion Ratio Lower Upper

45 100

77 9.6 3.8 43.8

79 7.1 0.2 40.2





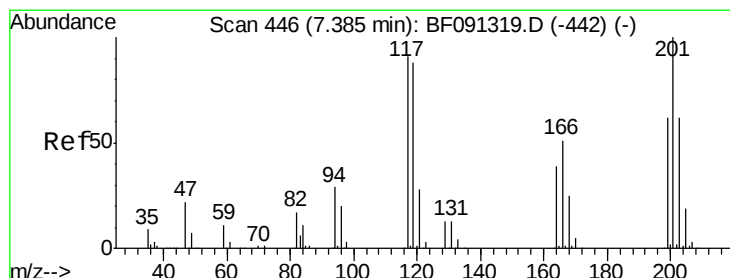
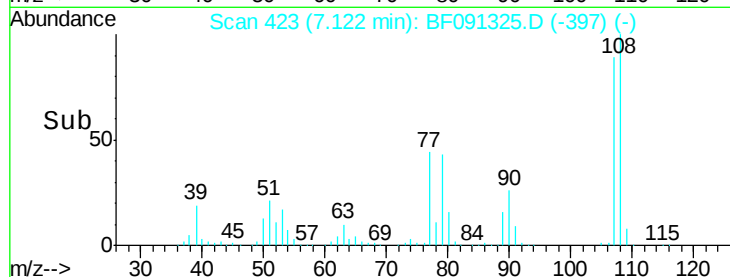
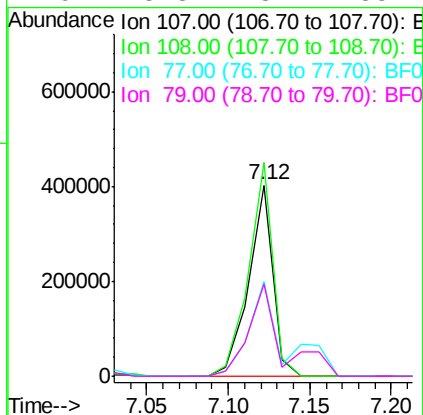
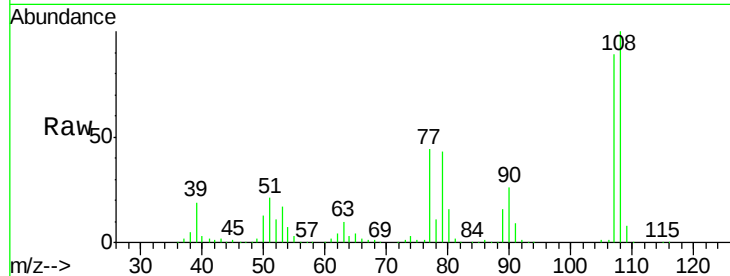
#17
2-Methylphenol
Concen: 43.15 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	412106		
108	111.9	67.7	101.5#	
77	49.7	40.7	61.1	
79	48.3	23.4	35.2#	

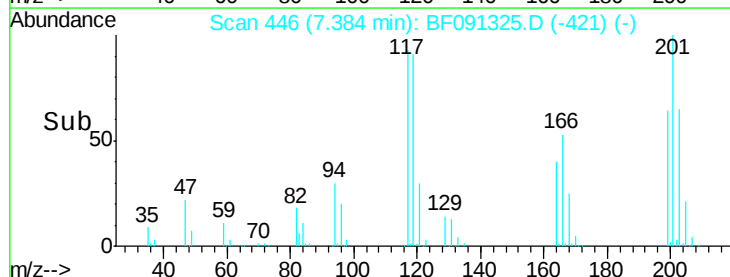
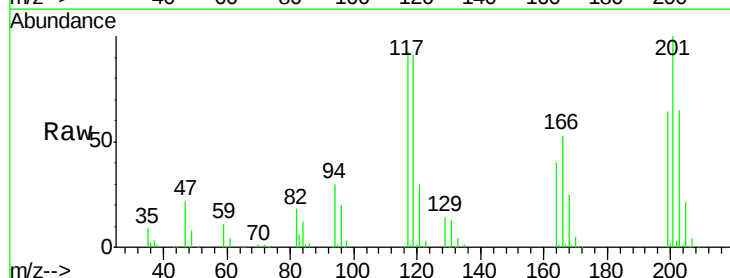
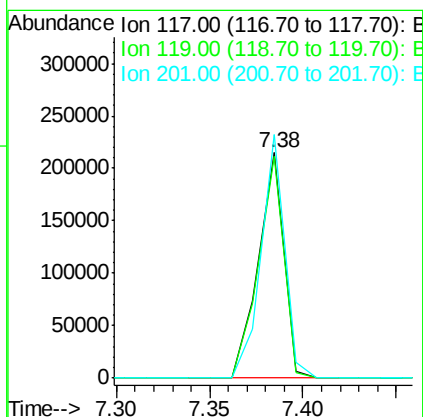
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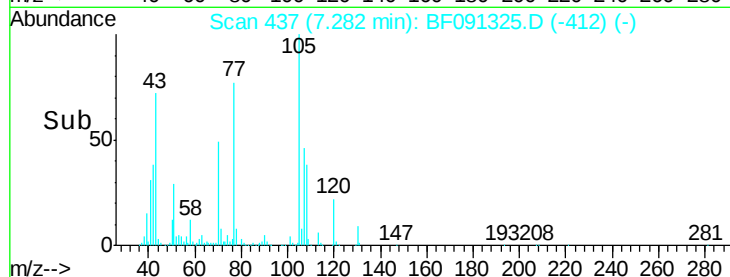
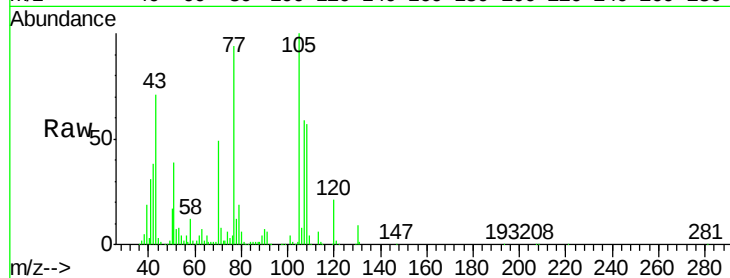
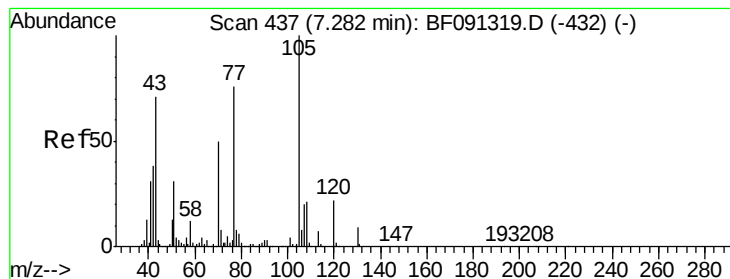
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#18
Hexachloroethane
Concen: 42.76 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	202975		
119	98.3	78.6	118.0	
201	108.0	86.7	130.1	





#19

n-Nitroso-di-n-propylamine

Concen: 40.79 ng

RT: 7.28 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion: 70 Resp: 348652

Ion Ratio Lower Upper

70 100

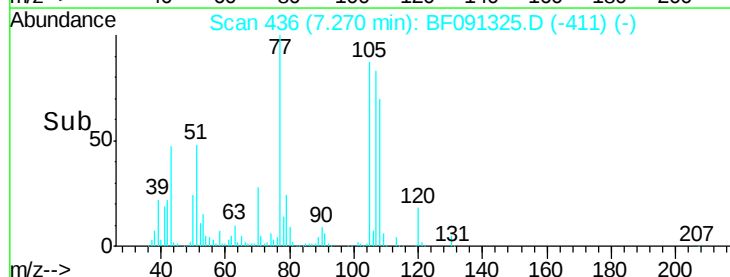
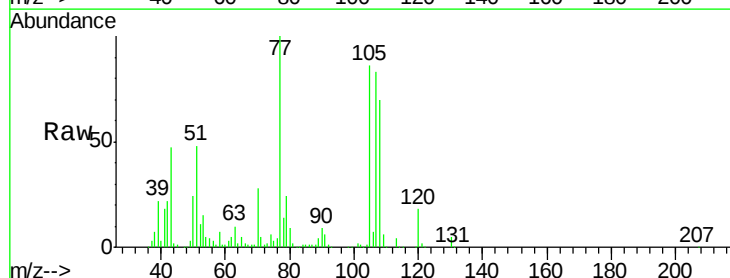
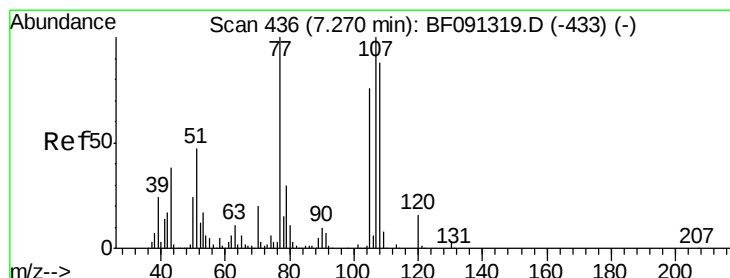
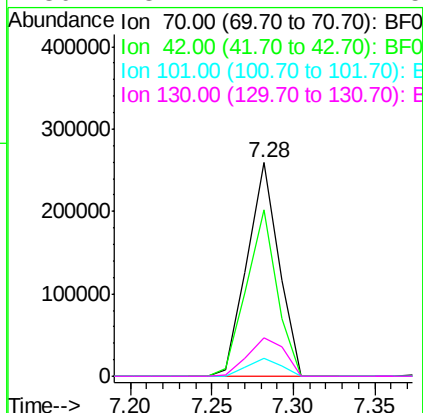
42 77.7 64.8 97.2

101 8.6 6.2 9.4

130 18.1 11.7 17.5#

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#20

3+4-Methylphenols

Concen: 42.54 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion: 107 Resp: 495960

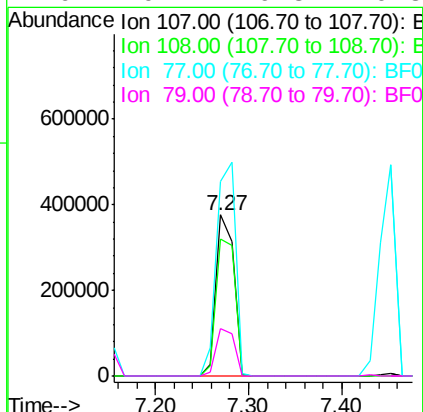
Ion Ratio Lower Upper

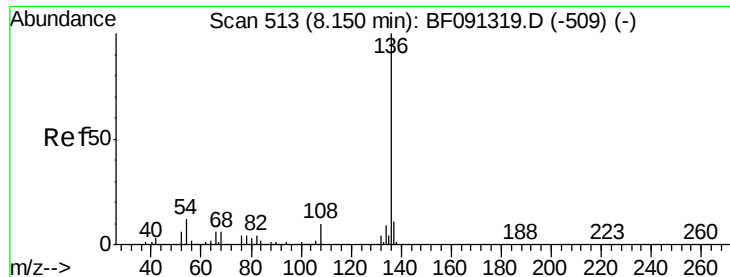
107 100

108 85.3 64.6 104.6

77 121.0 30.9 70.9#

79 29.4 9.3 49.3





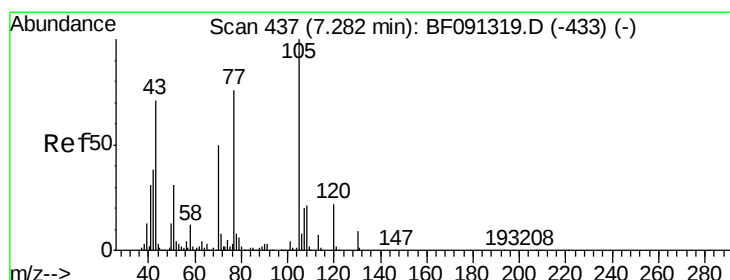
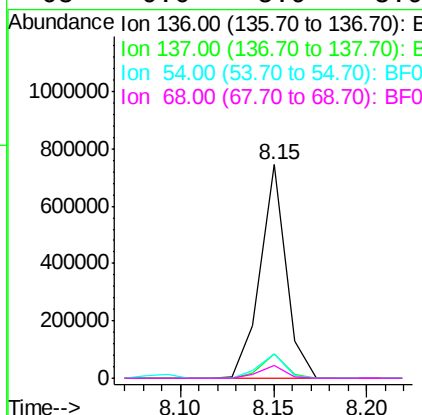
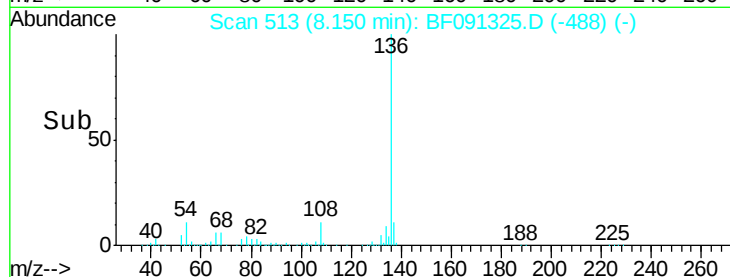
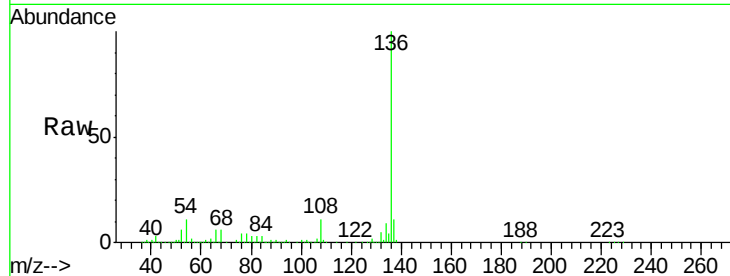
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	9.1	13.7
54	11.4	9.1	13.7
68	6.0	5.9	8.9

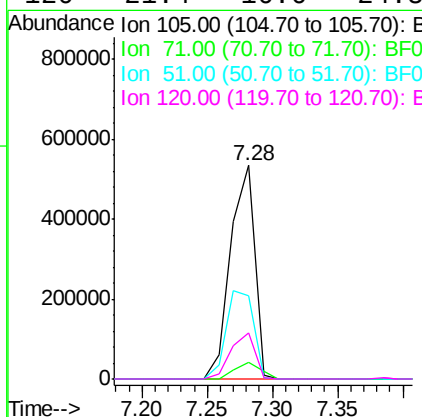
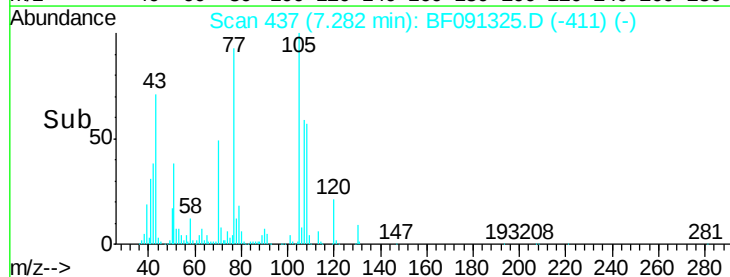
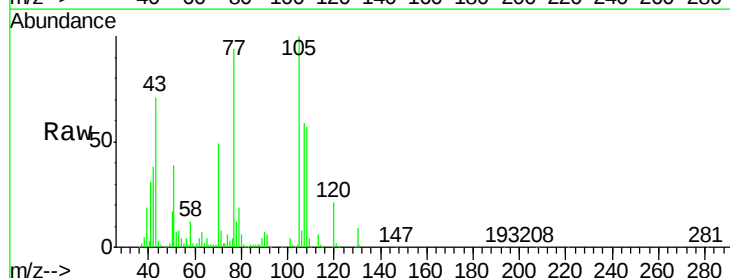
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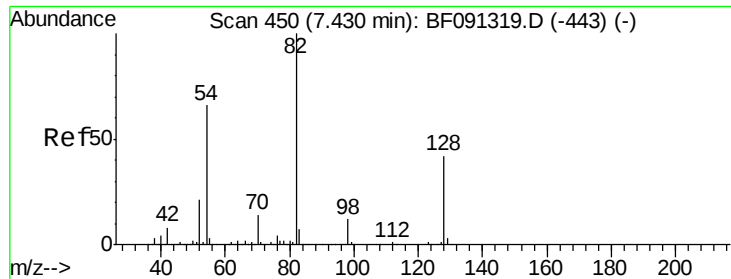
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#22
Acetophenone
Concen: 39.72 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.8	7.9	11.9#
51	38.8	24.5	36.7#
120	21.4	16.6	24.8





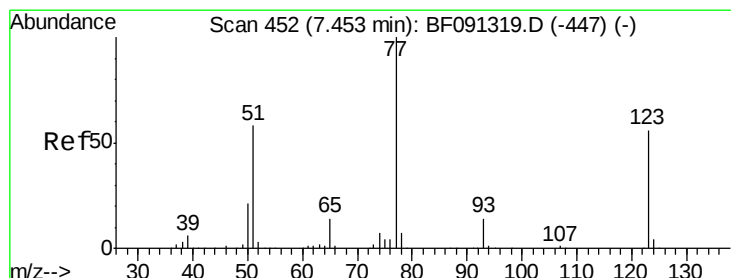
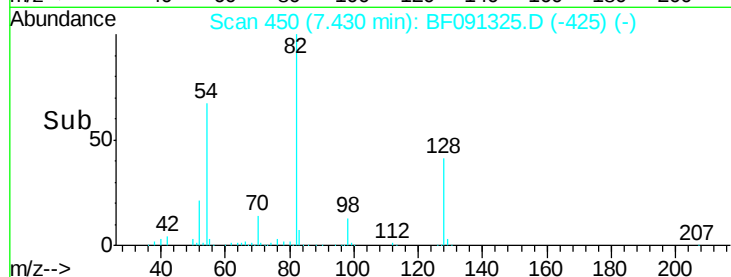
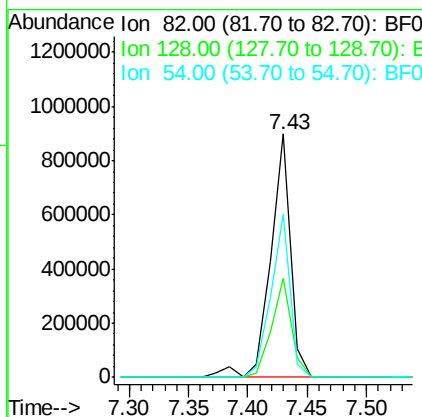
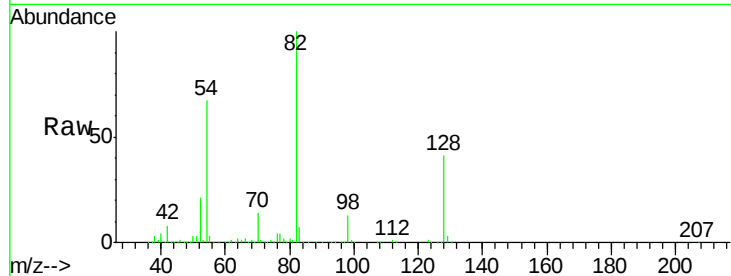
#23
Nitrobenzene-d5
Concen: 81.26 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	67.2	49.1	73.7

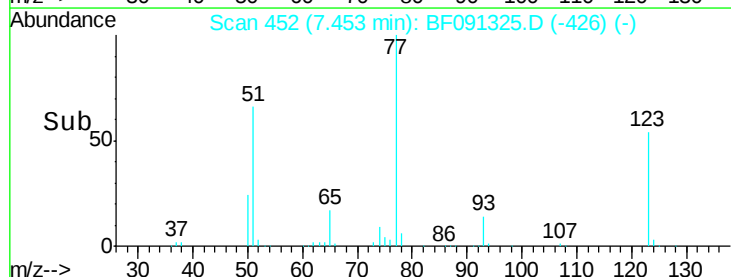
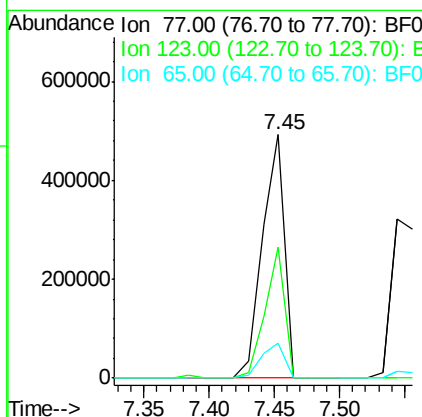
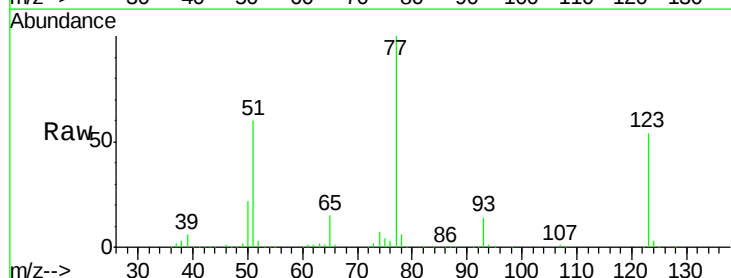
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#24
Nitrobenzene
Concen: 43.44 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.6	28.5	42.7#
65	14.6	12.5	18.7





#25

Isophorone

Concen: 43.84 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion: 82 Resp: 1009212

Ion Ratio Lower Upper

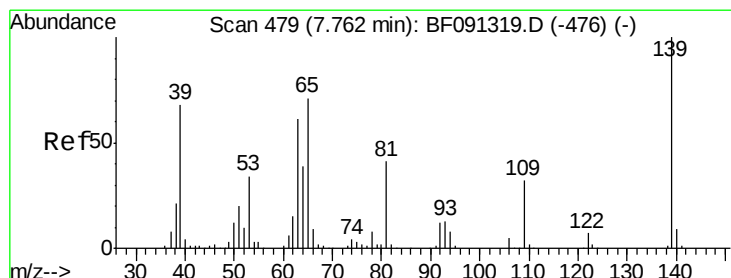
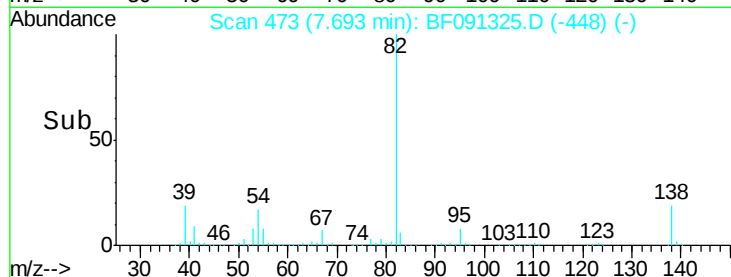
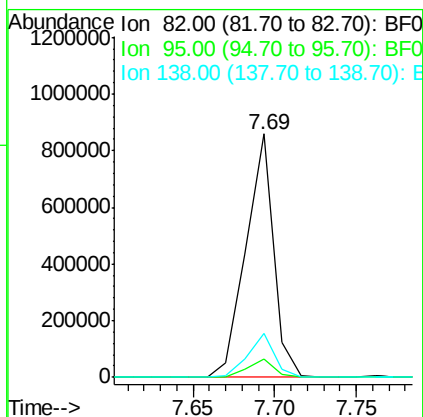
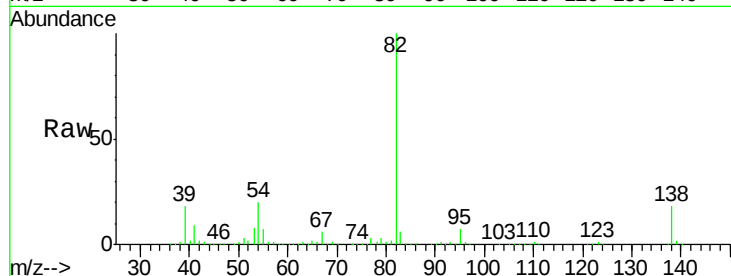
82 100

95 7.4 5.7 8.5

138 17.8 13.4 20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.57 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

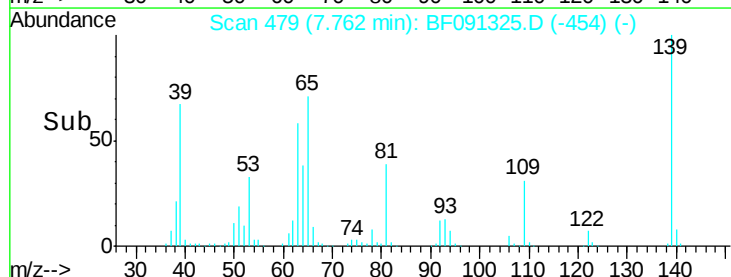
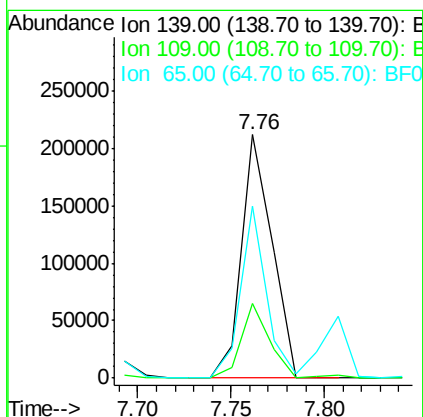
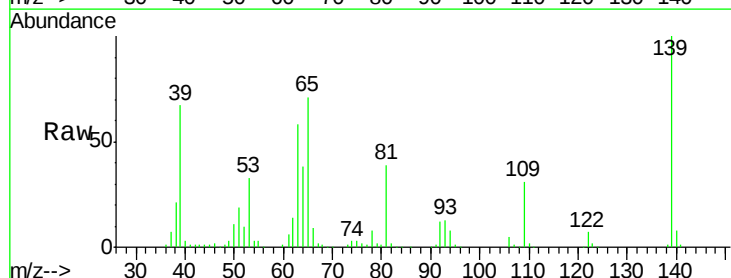
Tgt Ion: 139 Resp: 239904

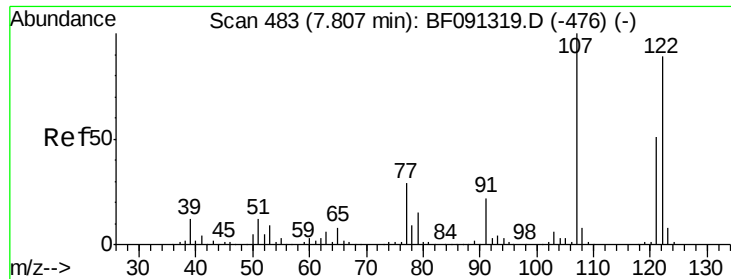
Ion Ratio Lower Upper

139 100

109 30.8 25.3 37.9

65 70.8 55.4 83.2





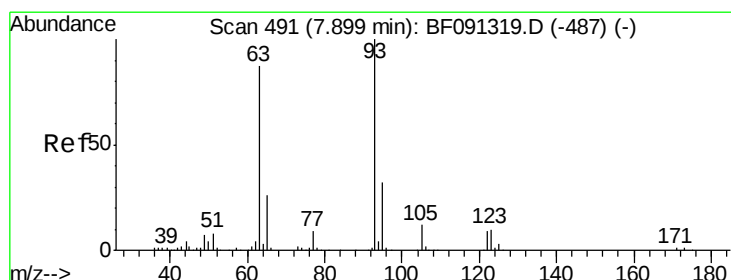
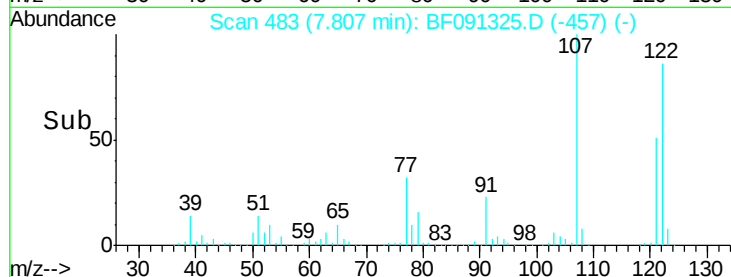
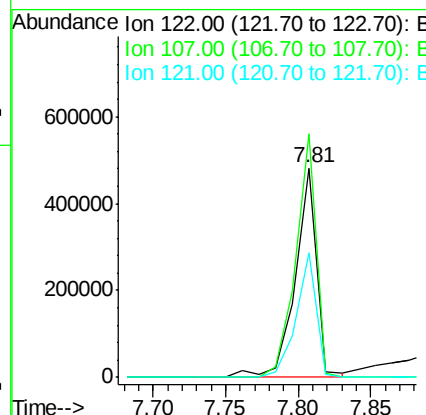
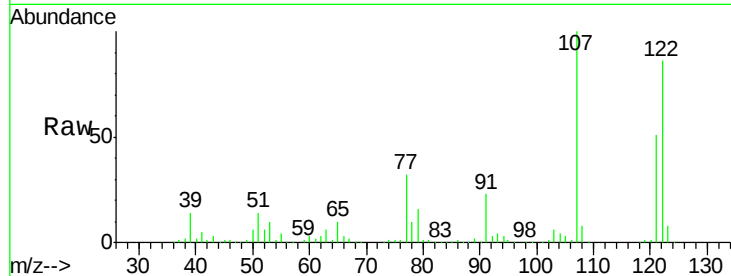
#27
 2,4-Dimethylphenol
 Concen: 43.28 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	490872		
107	116.3	96.8	145.2	
121	59.3	47.7	71.5	

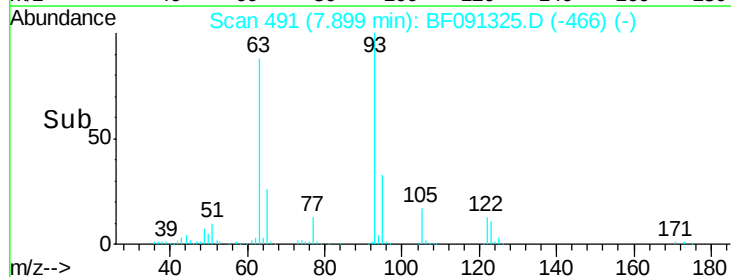
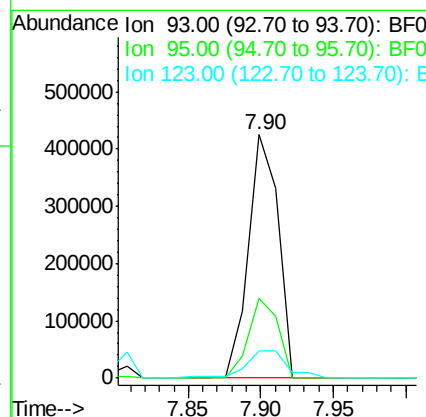
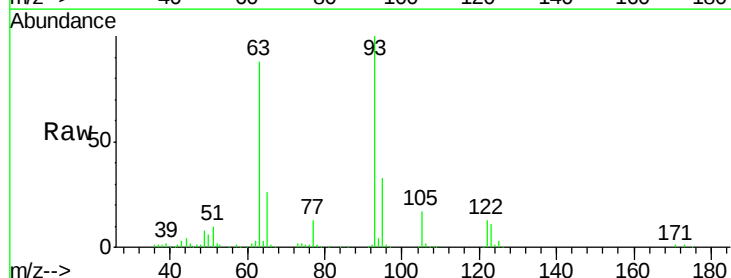
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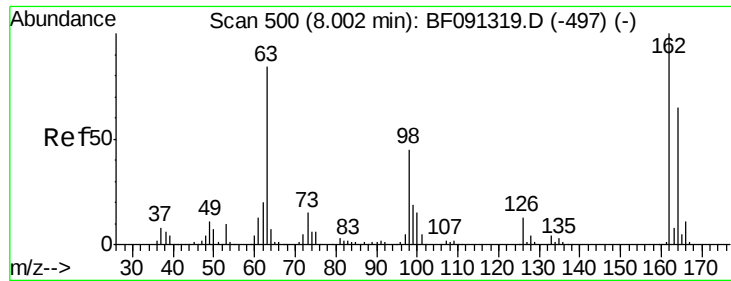
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.42 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601699		
95	32.6	26.0	39.0	
123	11.1	8.6	12.8	





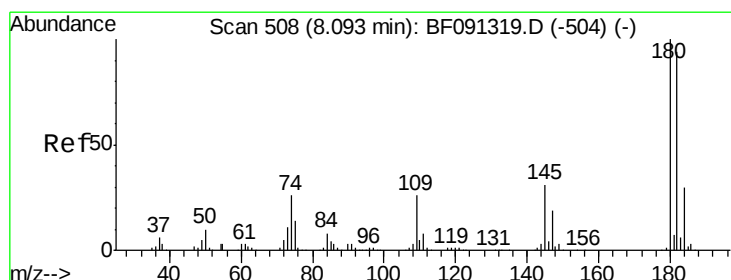
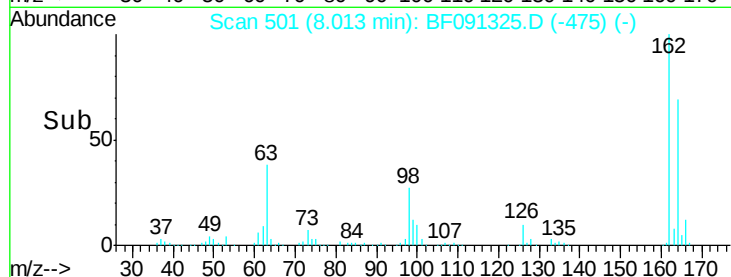
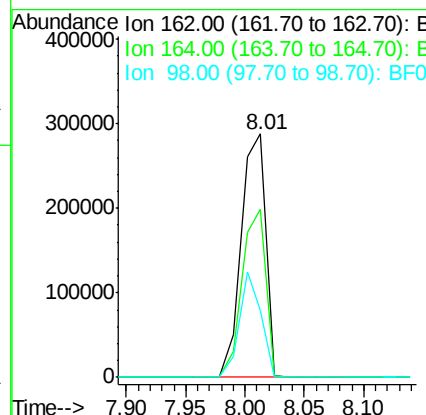
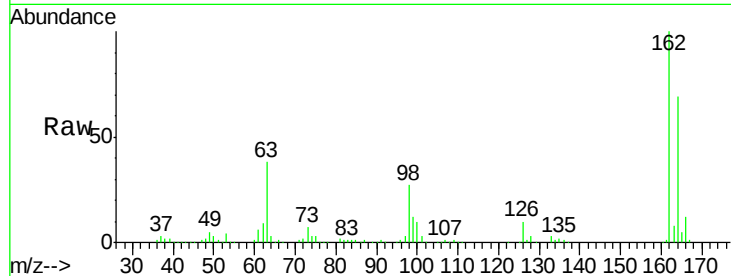
#29
2,4-Dichlorophenol
Concen: 41.40 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	413041		
164	69.0	45.0	85.0	
98	27.5	21.3	61.3	

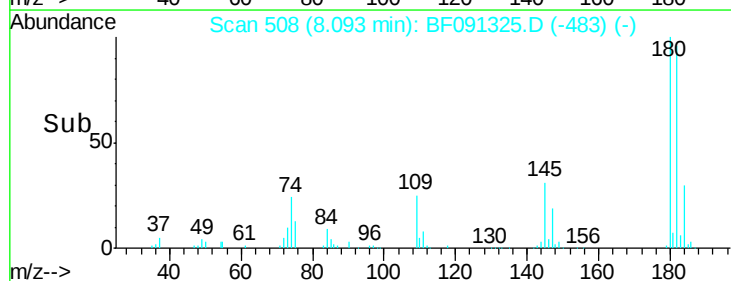
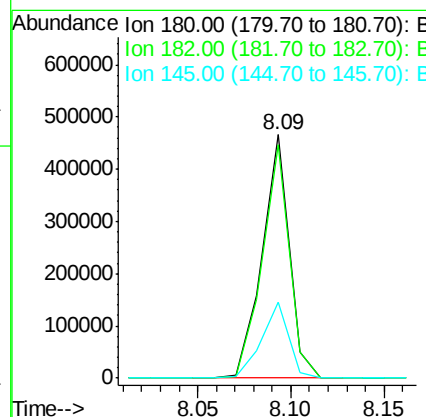
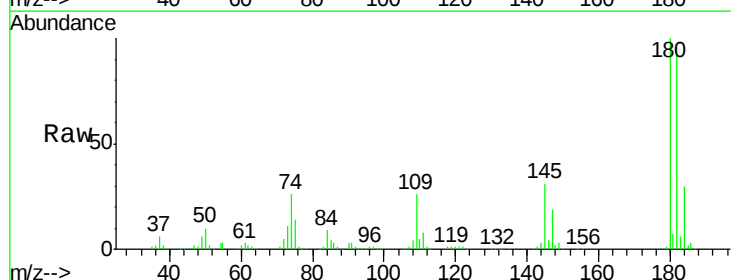
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#30
1,2,4-Trichlorobenzene
Concen: 41.60 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	465310		
182	95.6	75.8	113.8	
145	31.3	27.0	40.4	





#31

Naphthalene

Concen: 40.77 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

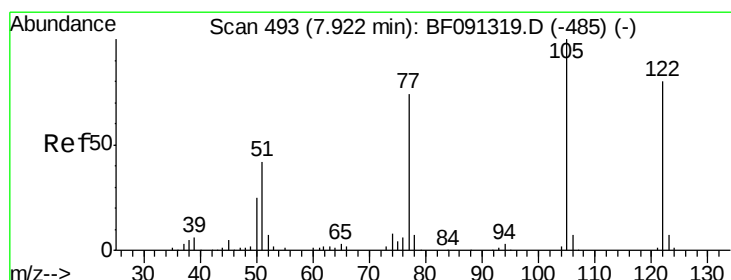
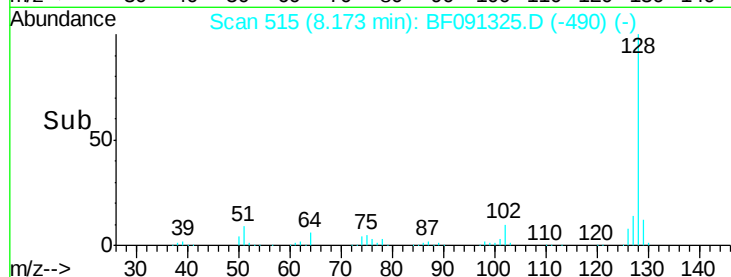
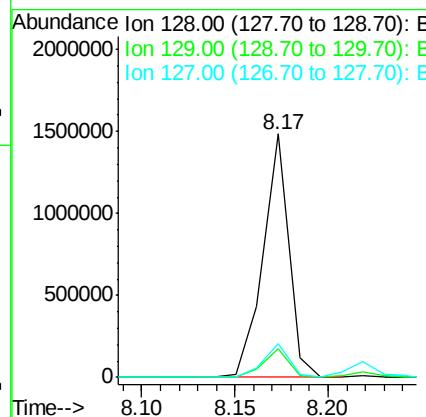
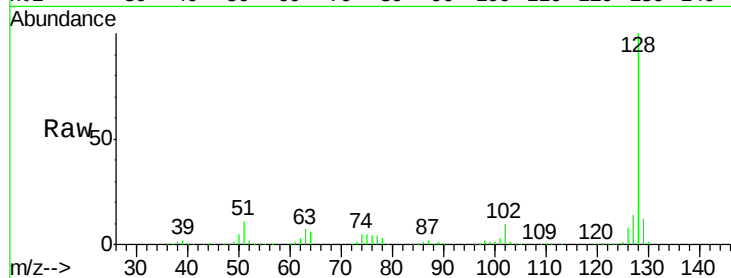
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Tgt Ion:128 Resp: 1410904

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	11.0	16.4

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#32

Benzoic acid

Concen: 41.52 ng

RT: 7.93 min Scan# 494

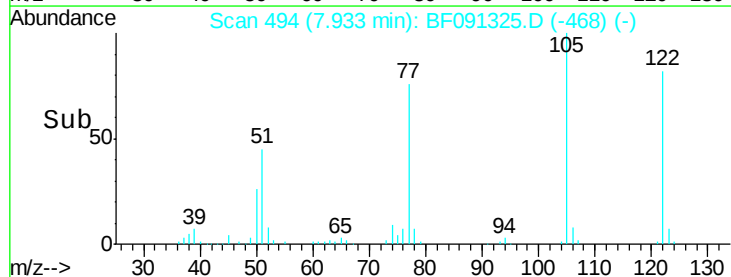
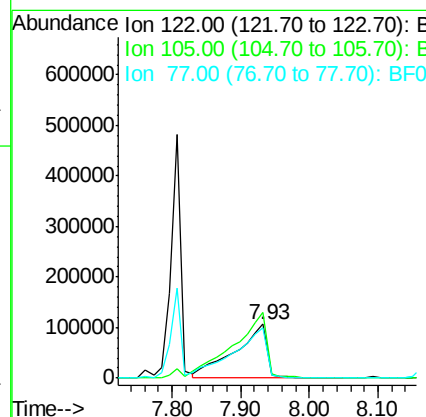
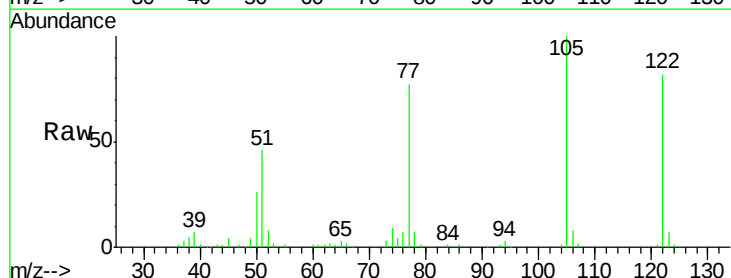
Delta R.T. -0.00 min

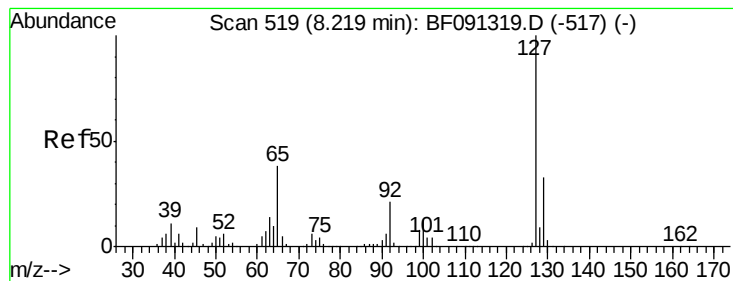
Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:122 Resp: 347151

Ion	Ratio	Lower	Upper
122	100		
105	121.5	113.0	153.0
77	93.2	82.0	122.0





#33

4-Chloroaniline

Concen: 7.73 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

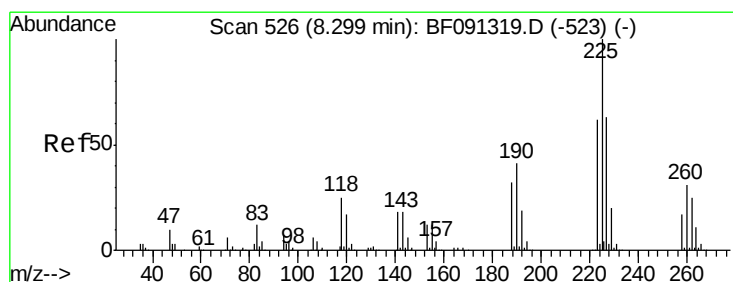
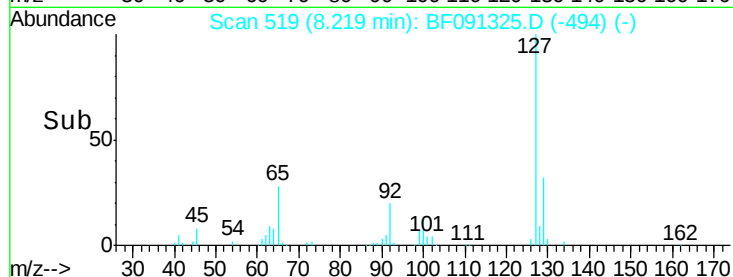
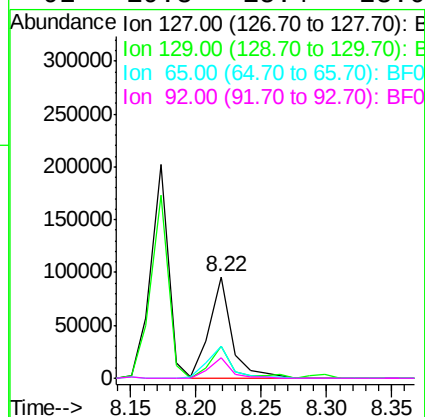
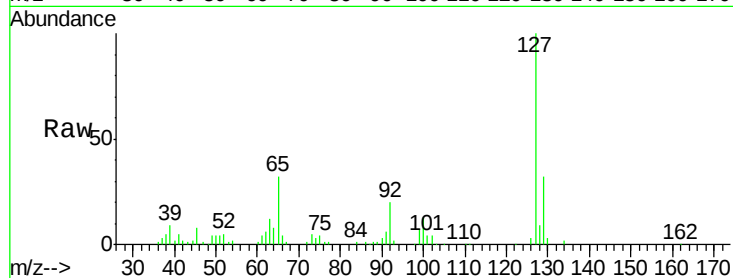
ClientSampleId :

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Tgt Ion:	127	Resp:	114368
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.2	39.4
65	32.2	26.6	39.8
92	19.8	15.4	23.0

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#34

Hexachlorobutadiene

Concen: 42.06 ng

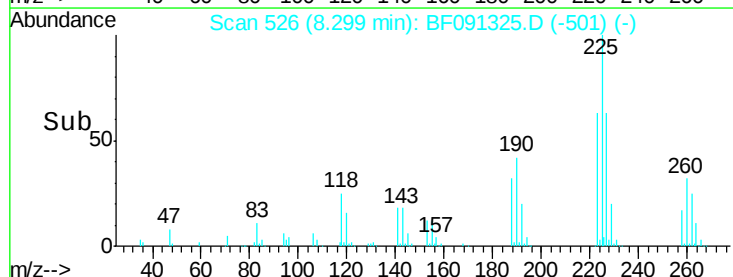
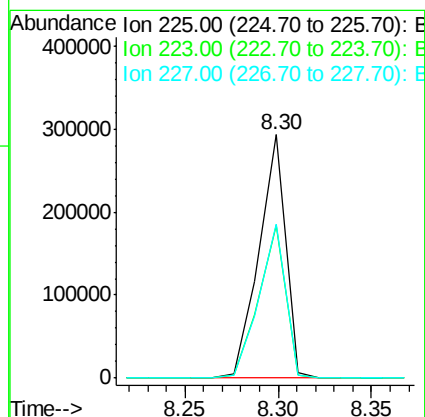
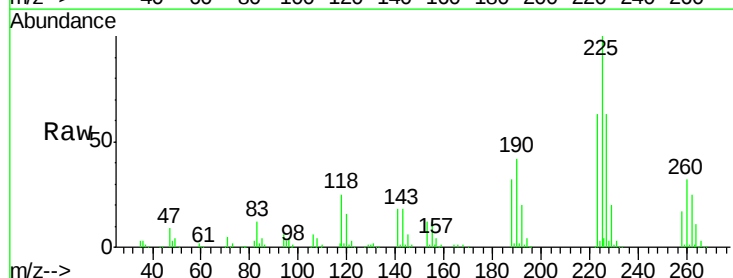
RT: 8.30 min Scan# 526

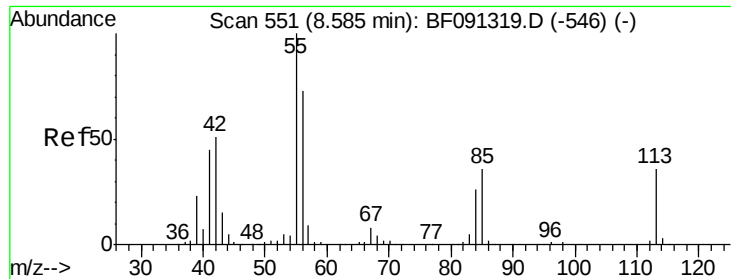
Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:	225	Resp:	289267
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.8	74.6
227	63.5	52.6	79.0





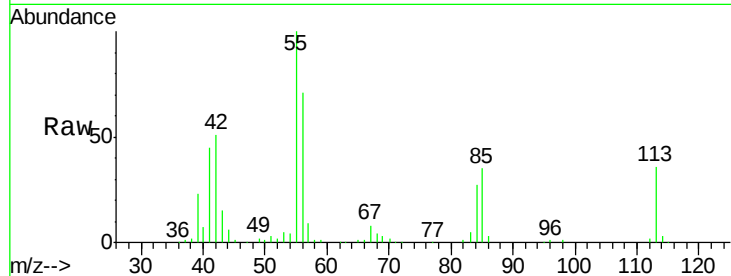
#35
 Caprolactam
 Concen: 45.18 ng m
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

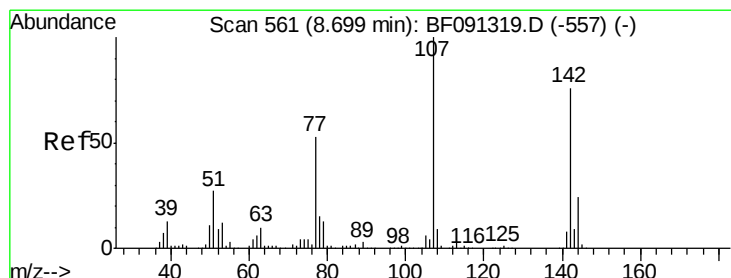
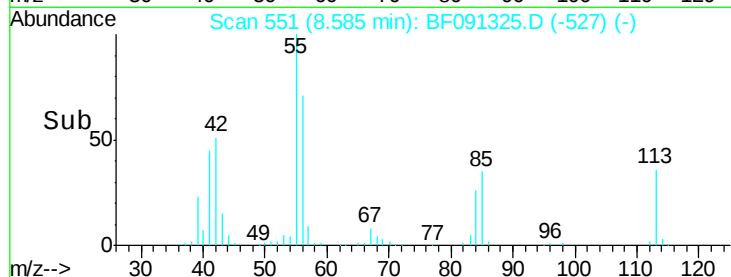
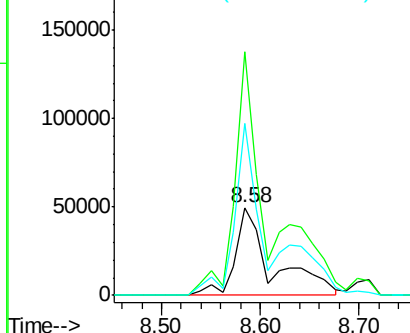
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129571		
55	277.5	239.8	279.8	
56	195.9	165.6	205.6	

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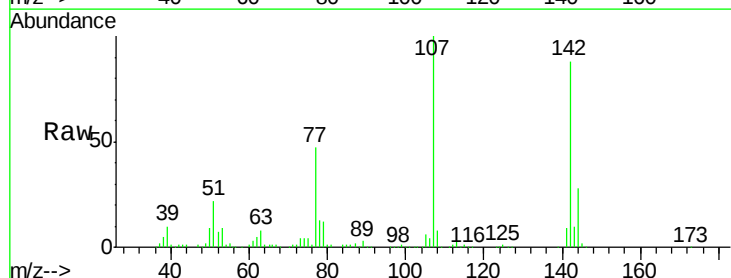


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

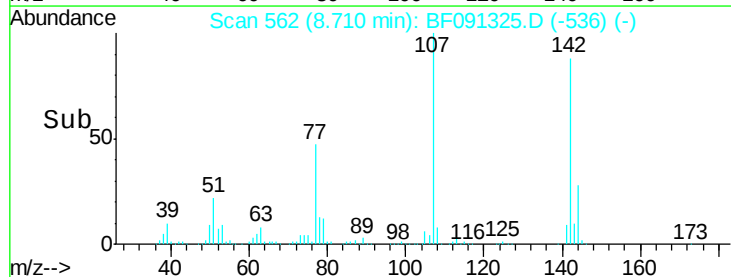
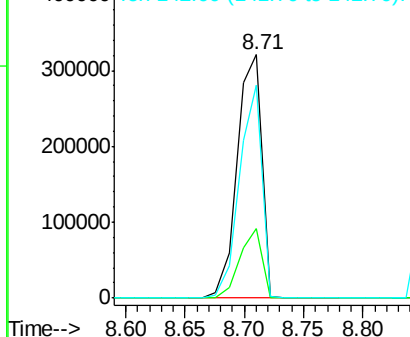


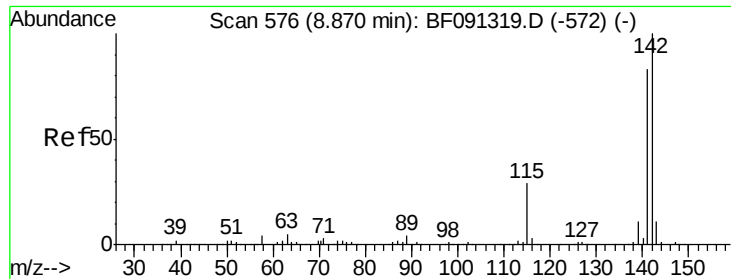
#36
 4-Chloro-3-methylphenol
 Concen: 43.06 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	463865		
144	28.4	18.9	28.3#	
142	87.6	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





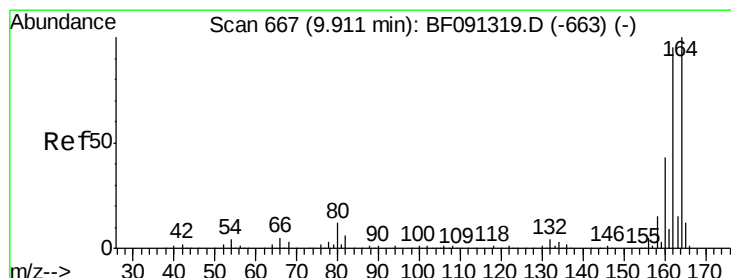
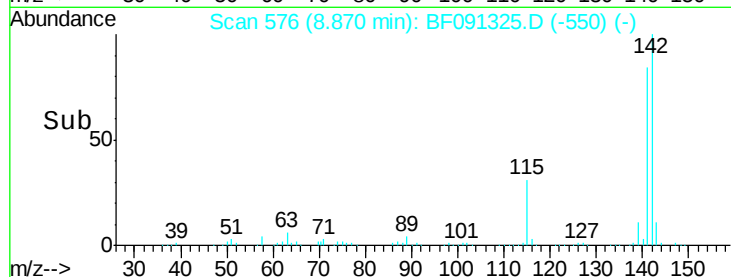
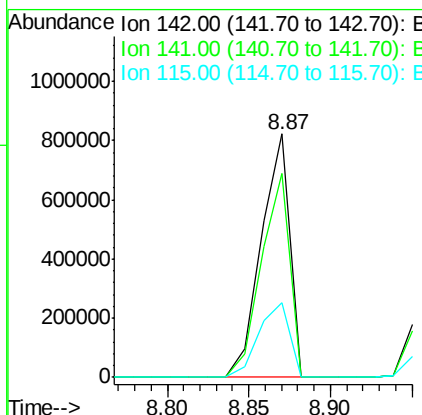
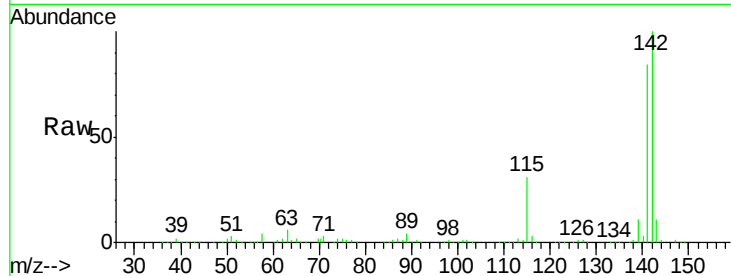
#37
 2-Methylnaphthalene
 Concen: 42.34 ng
 RT: 8.87 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	995490		
141	83.6	71.7	107.5	
115	30.9	25.0	37.6	

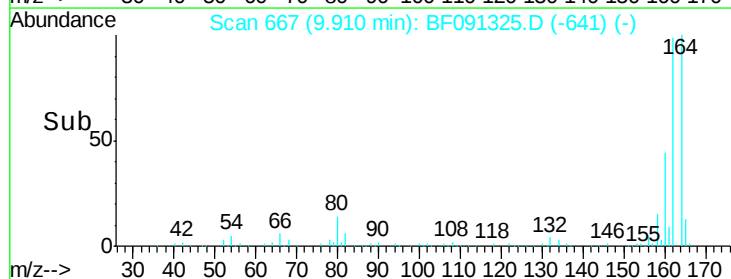
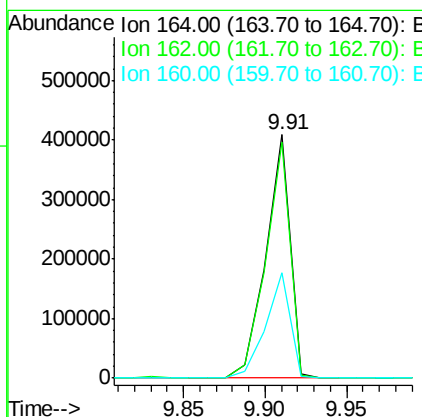
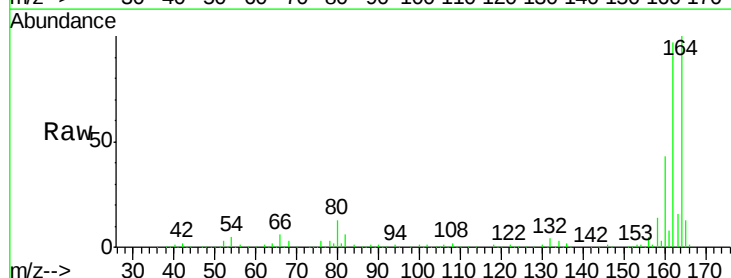
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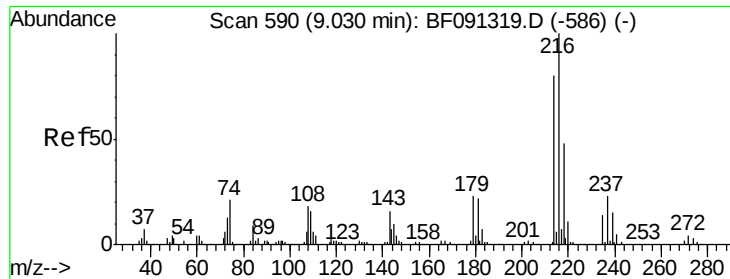
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	425707		
162	97.0	82.6	124.0	
160	43.3	36.7	55.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.56 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

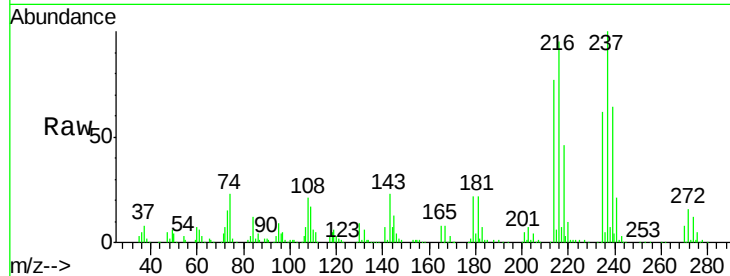
ClientSampleId :

PB94860BS

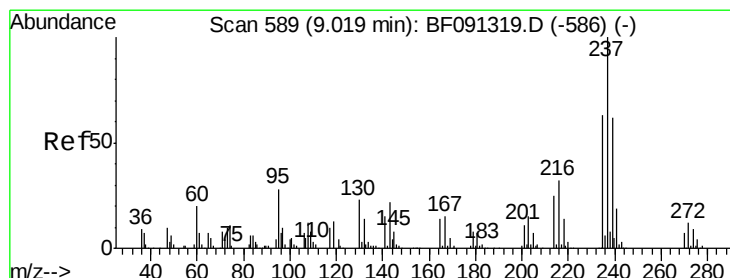
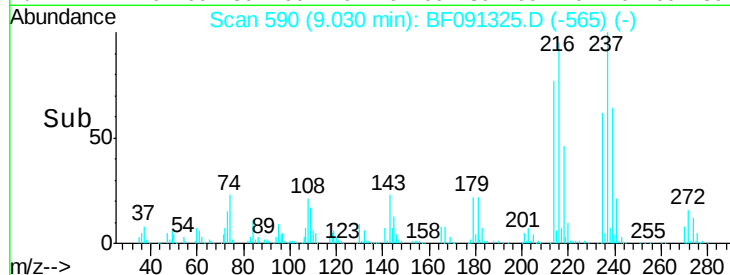
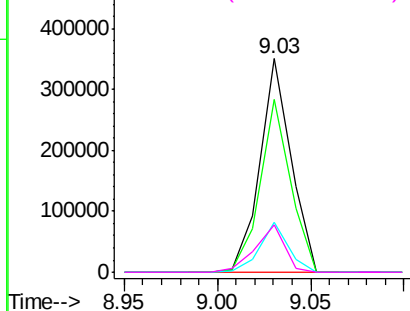
Tgt Ion:	216	Resp:	402732
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.8	95.8
179	21.1	18.2	27.2
108	21.3	17.2	25.8

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



#40

Hexachlorocyclopentadiene

Concen: 99.09 ng

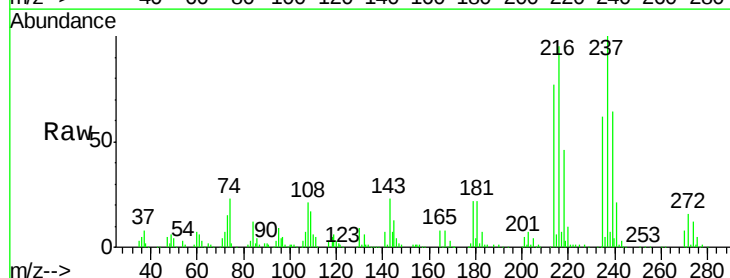
RT: 9.03 min Scan# 590

Delta R.T. -0.01 min

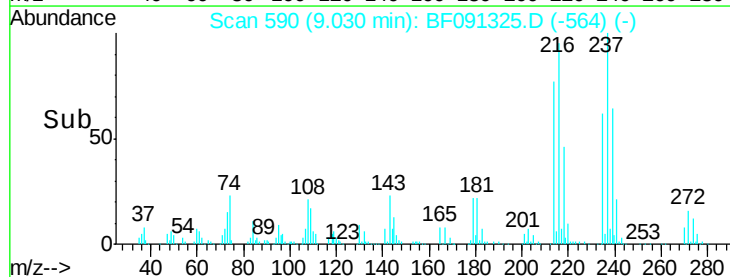
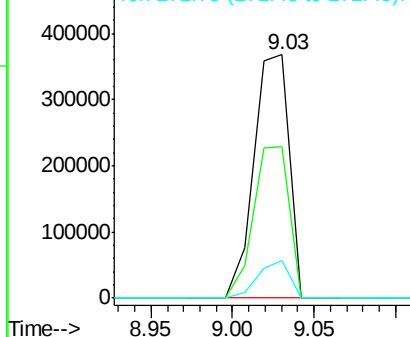
Lab File: BF091325.D

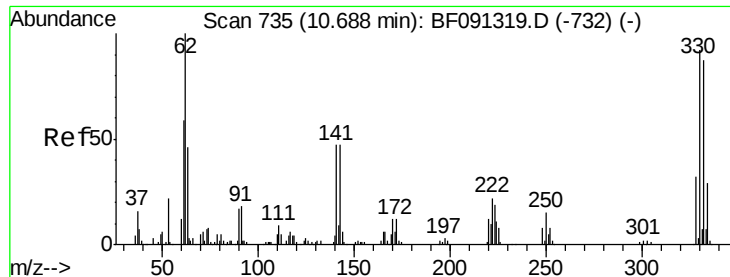
Acq: 29 Nov 2016 14:19

Tgt Ion:	237	Resp:	551205
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.9	83.9
272	15.6	0.0	33.1



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





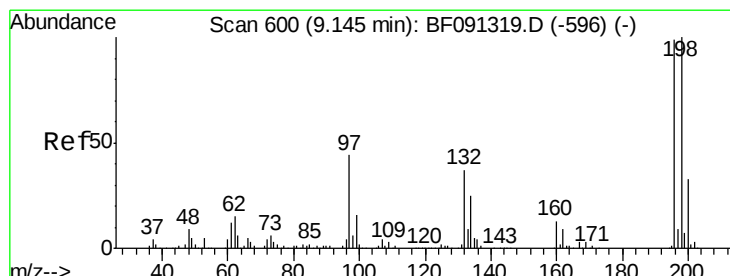
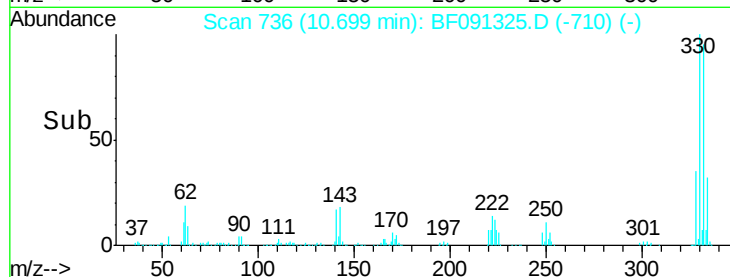
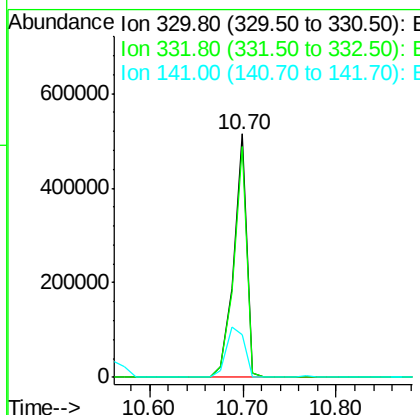
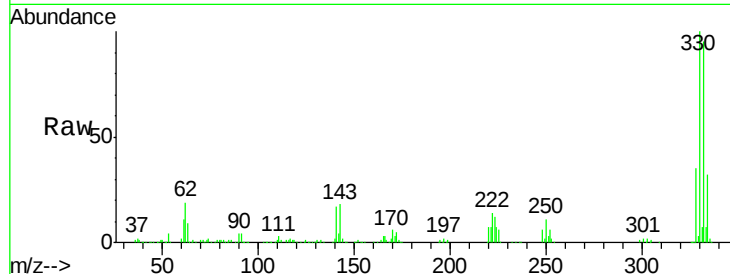
#41
 2,4,6-Tribromophenol
 Concen: 126.09 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	508182		
332	95.0	76.2	114.4	
141	28.7	33.6	50.4	

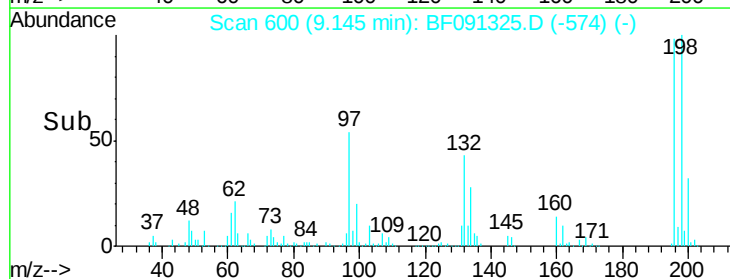
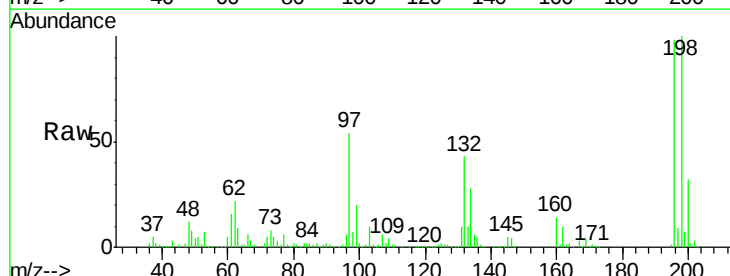
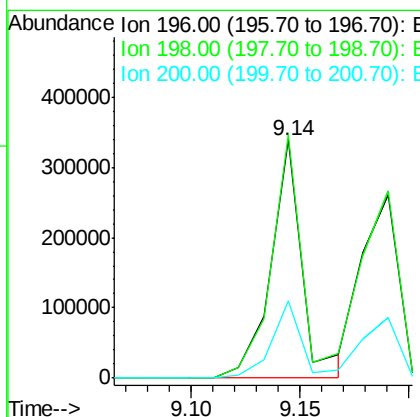
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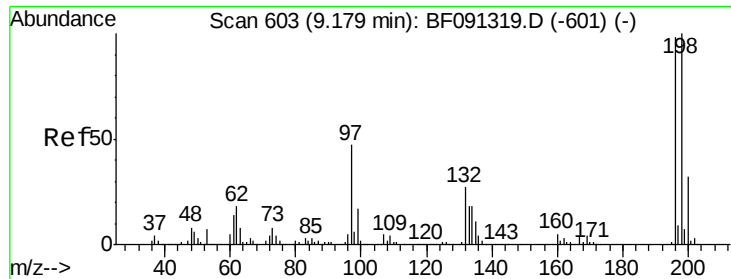
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#42
 2,4,6-Trichlorophenol
 Concen: 43.89 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342334		
198	102.2	77.4	116.0	
200	32.6	25.2	37.8	





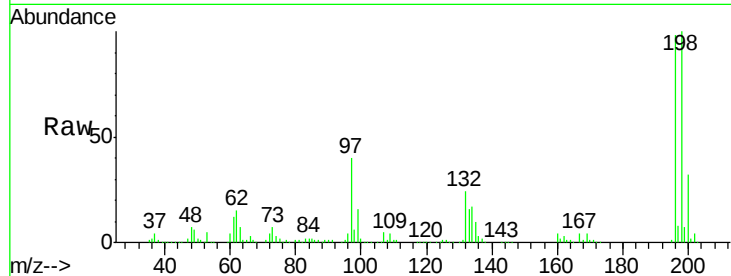
#43
 2,4,5-Trichlorophenol
 Concen: 39.42 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

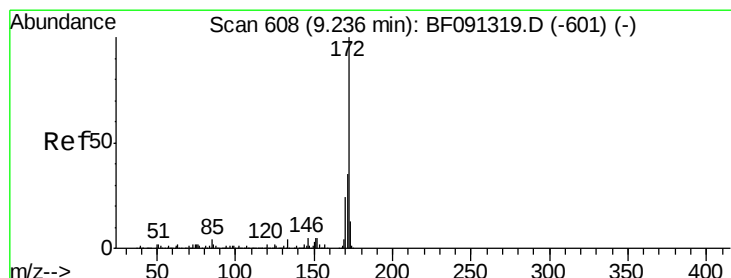
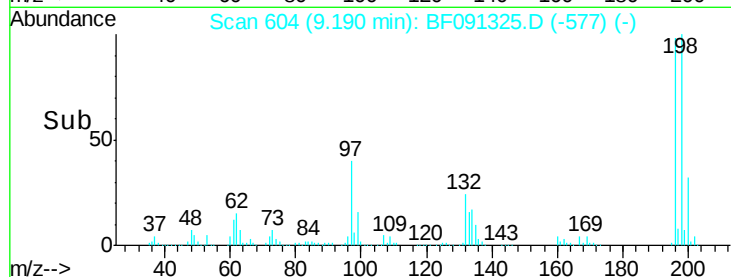
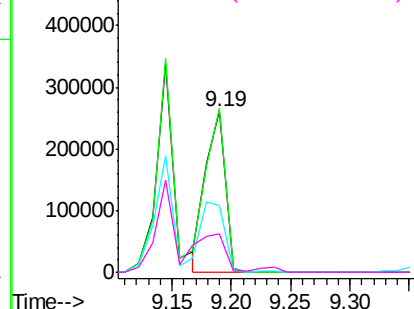
Tgt	Ion	196	Resp	308102
	Ratio	Lower	Upper	
196	100			
198	102.2	77.0	115.6	
97	41.2	33.5	50.3	
132	24.1	20.5	30.7	

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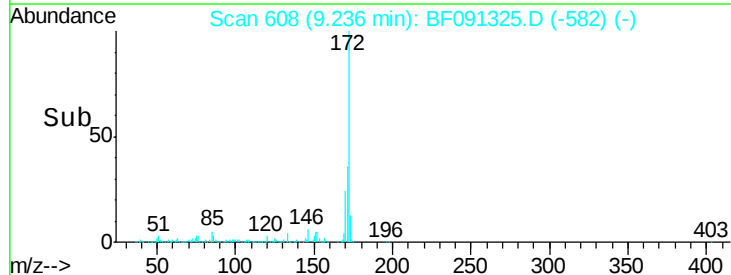
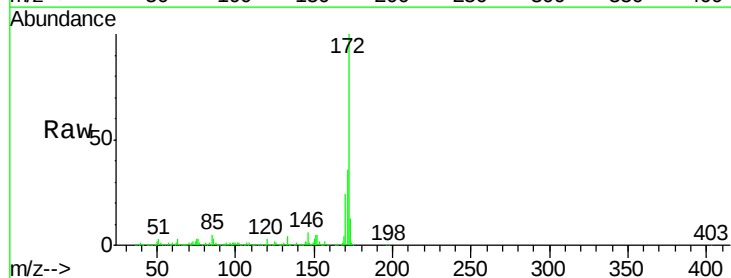
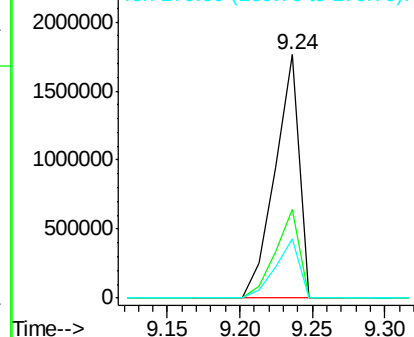
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

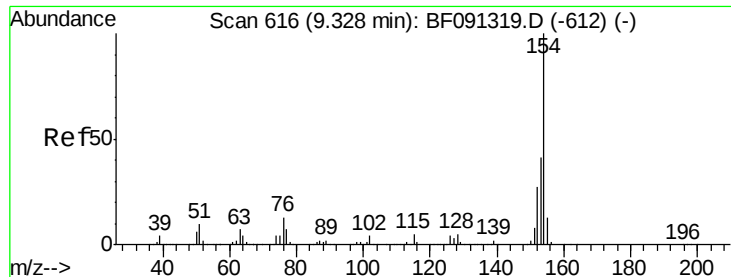


#44
 2-Fluorobiphenyl
 Concen: 87.02 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt	Ion	172	Resp	2045993
	Ratio	Lower	Upper	
172	100			
171	36.5	29.4	44.0	
170	24.1	19.7	29.5	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.43 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion:154 Resp: 1084454

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

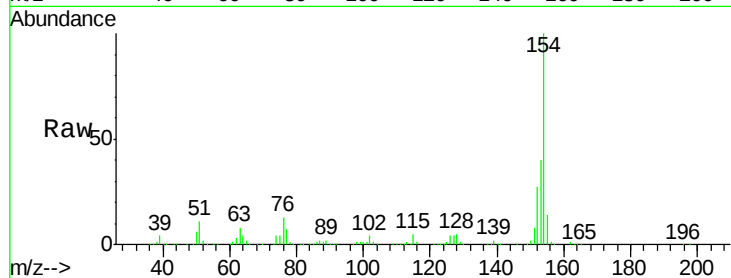
76 13.4 0.0 36.6

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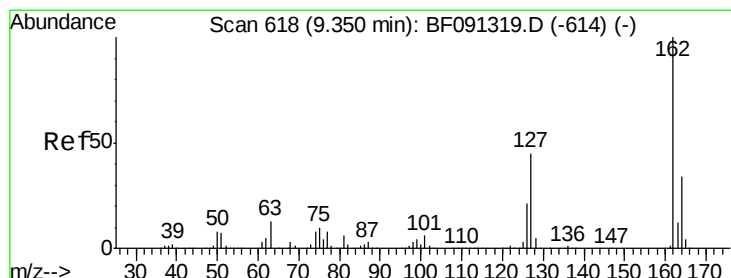
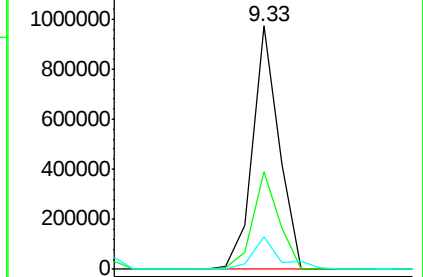
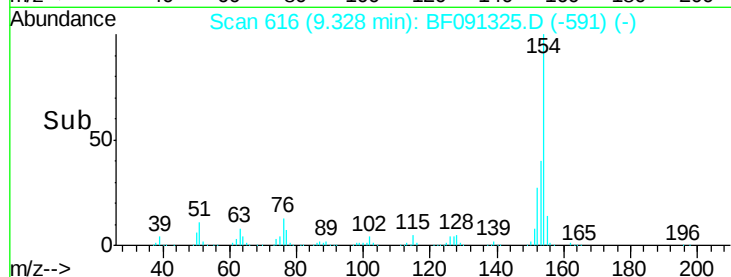
11/30/2016 10:33:27 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.41 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

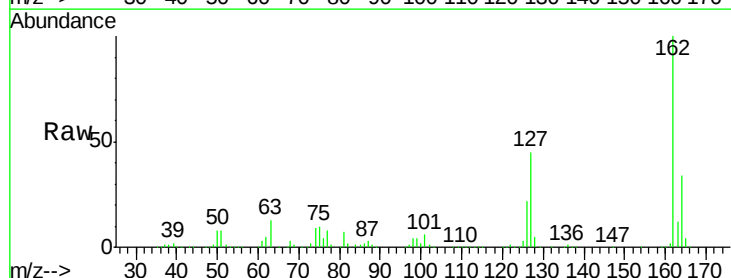
Tgt Ion:162 Resp: 852833

Ion Ratio Lower Upper

162 100

127 44.9 34.3 51.5

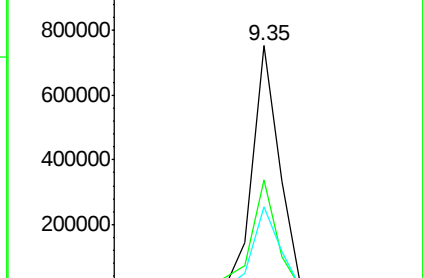
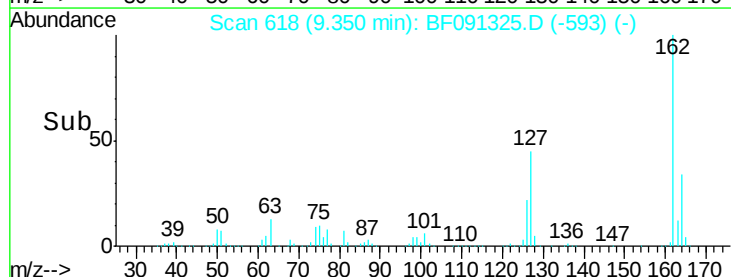
164 33.7 26.6 40.0

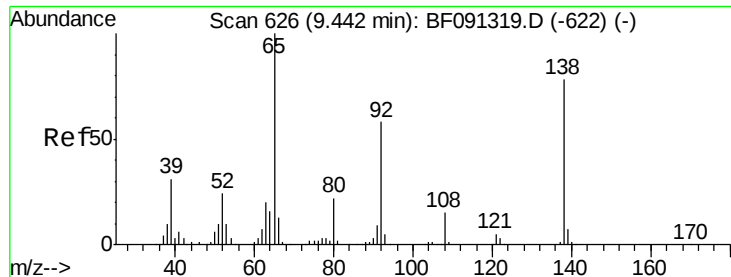


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





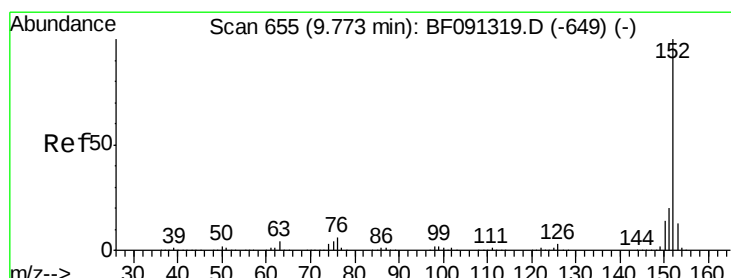
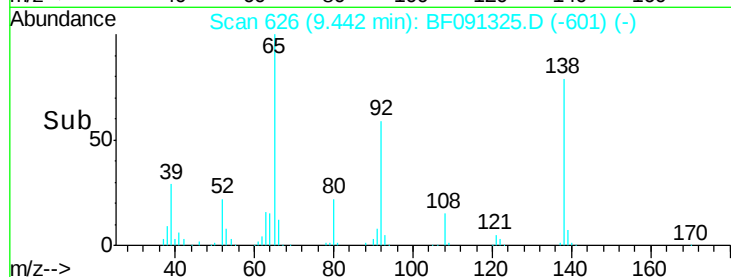
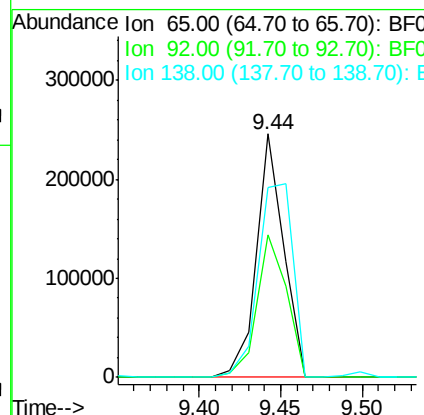
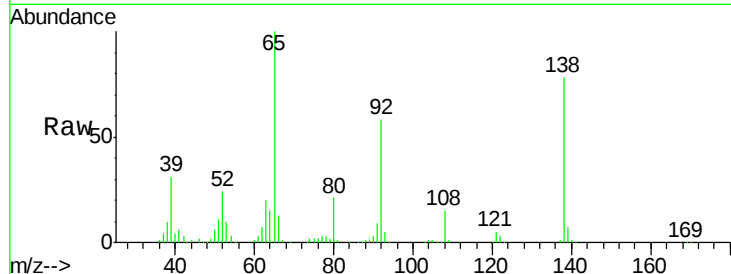
#47
2-Nitroaniline
Concen: 34.81 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.4	53.6	80.4
138	78.1	91.0	136.6

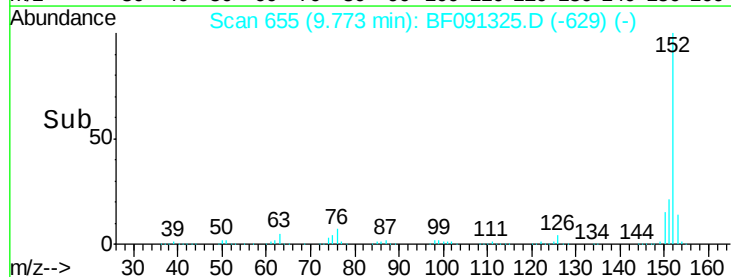
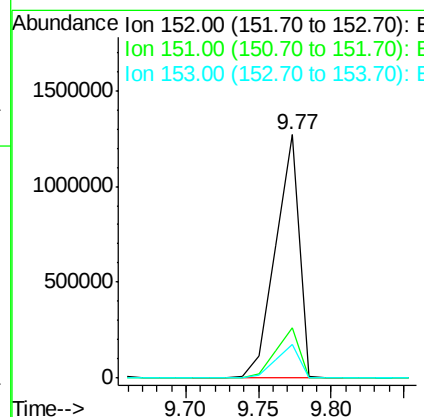
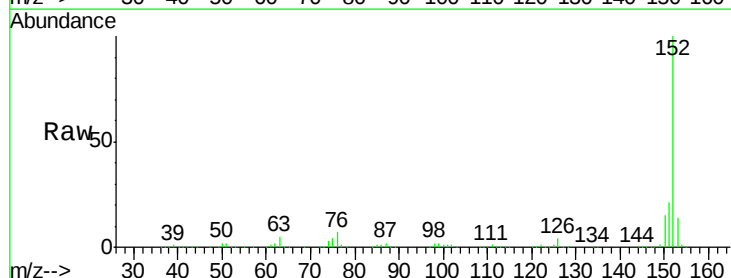
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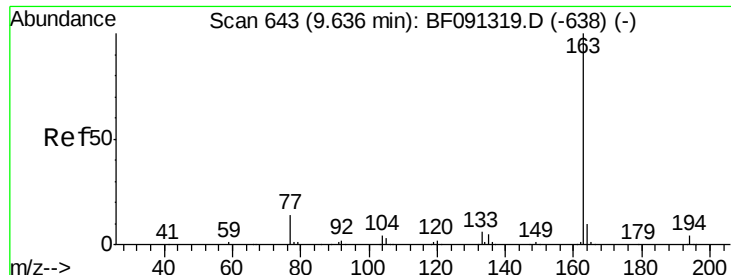
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#48
Acenaphthylene
Concen: 39.98 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	13.8	10.7	16.1





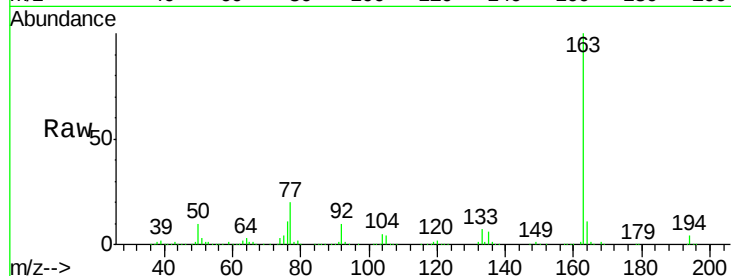
#49
Dimethylphthalate
Concen: 41.26 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

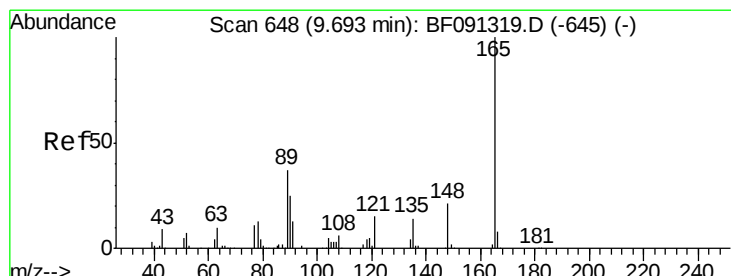
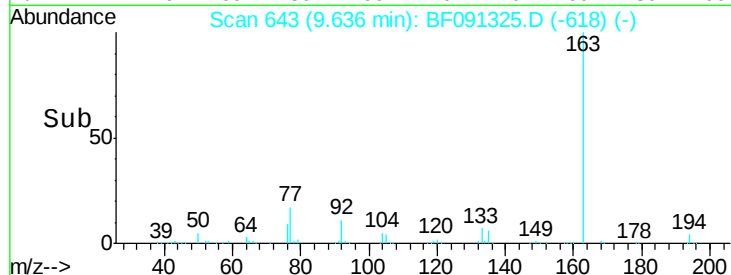
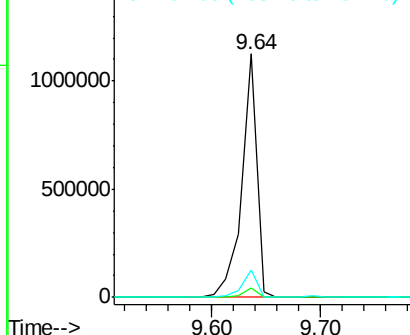
Tgt Ion:163 Resp: 1063573
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 11.0 7.8 11.8

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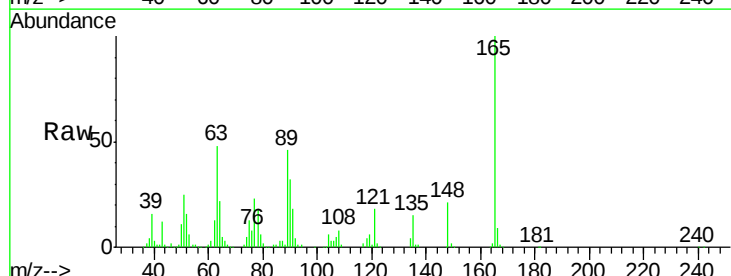


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

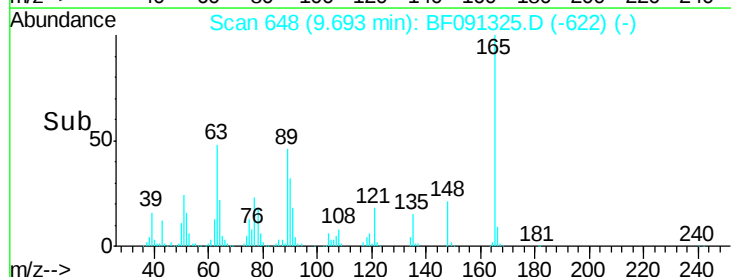
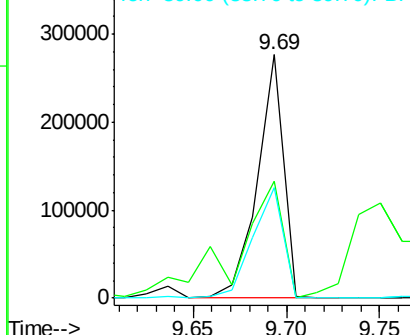


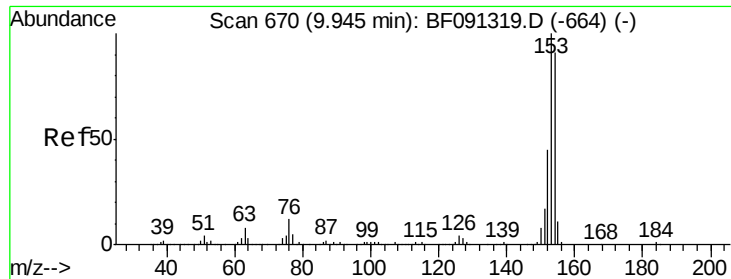
#50
2,6-Dinitrotoluene
Concen: 46.06 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion:165 Resp: 265390
Ion Ratio Lower Upper
165 100
63 47.8 59.4 89.0#
89 45.5 50.8 76.2#



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





#51

Acenaphthene

Concen: 43.86 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion:154 Resp: 1061583

Ion Ratio Lower Upper

154 100

153 109.7 91.0 136.6

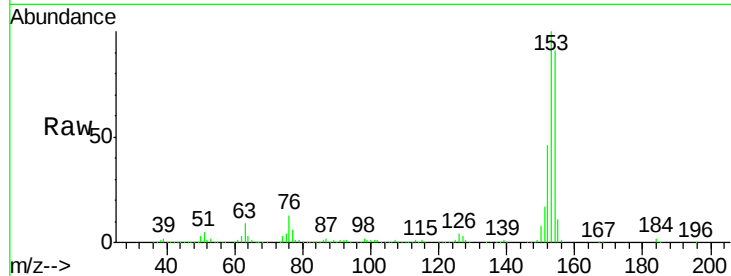
152 50.4 44.2 66.2

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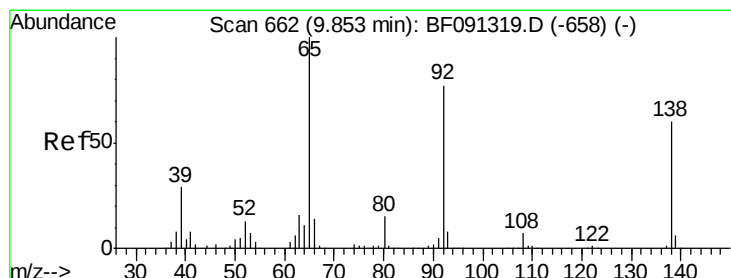
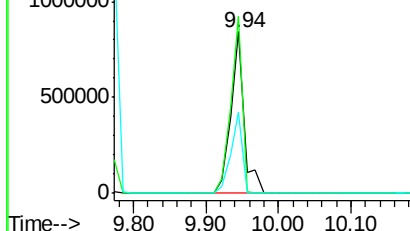
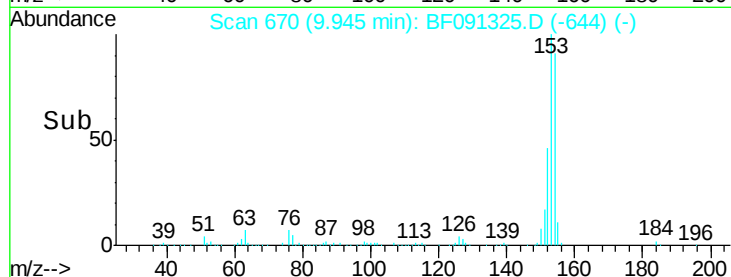
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.46 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

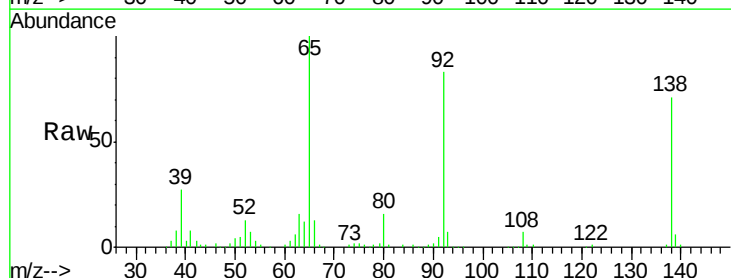
Tgt Ion:138 Resp: 89746

Ion Ratio Lower Upper

138 100

108 10.4 8.1 12.1

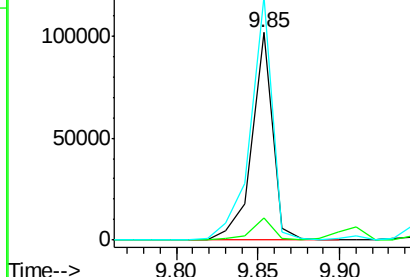
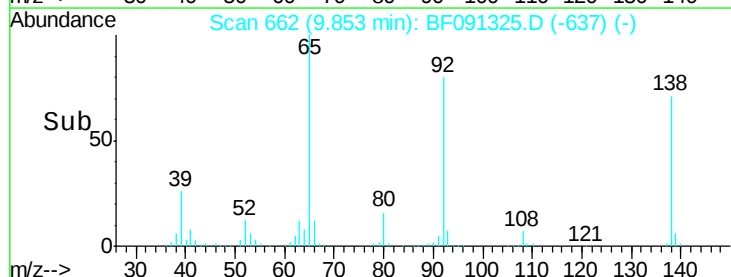
92 117.4 92.5 138.7

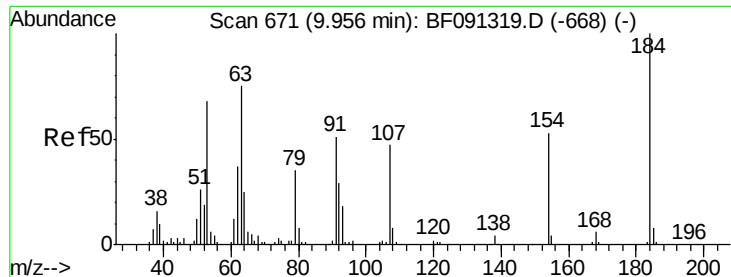


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





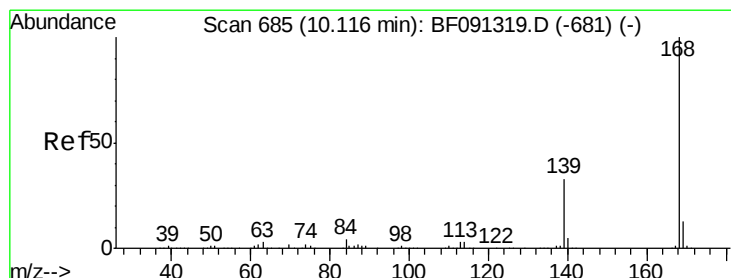
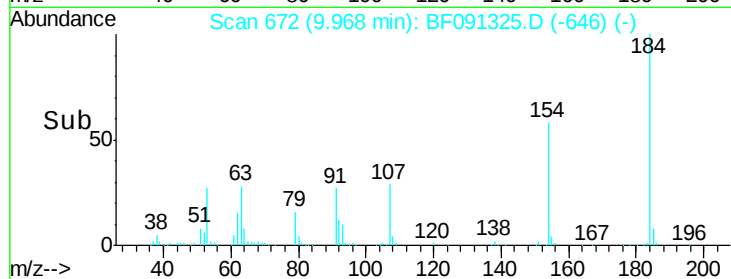
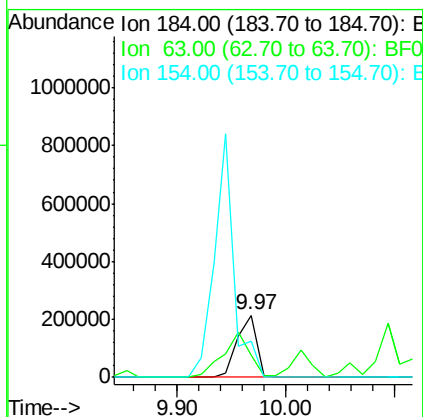
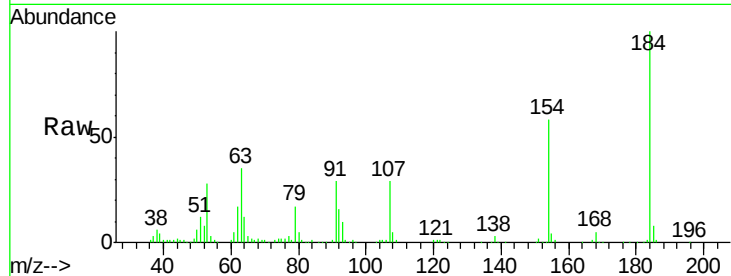
#53
2,4-Dinitrophenol
Concen: 105.52 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.3	58.3	87.5#
154	57.8	48.6	73.0

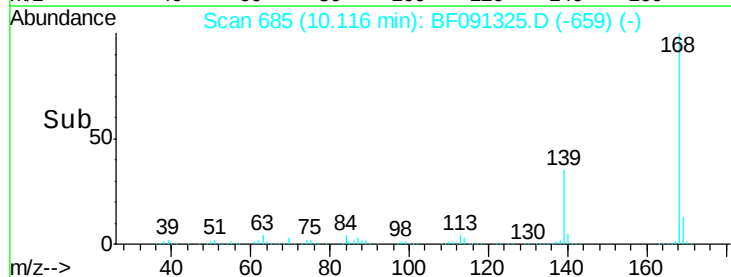
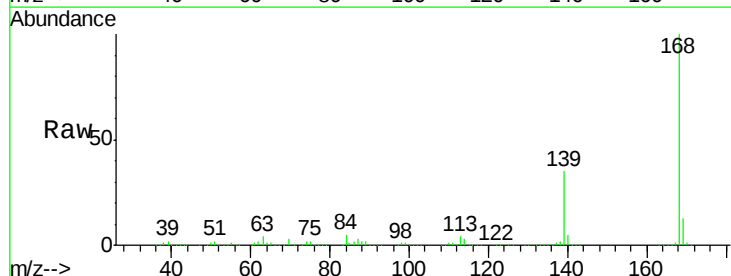
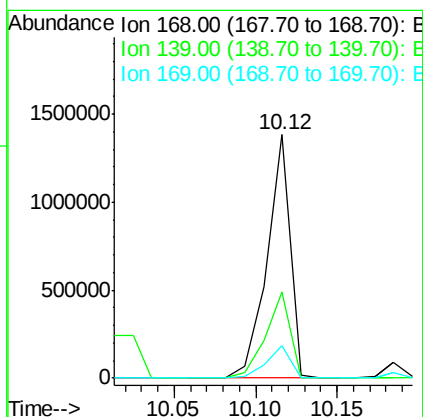
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#54
Dibenzofuran
Concen: 42.18 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	33.4	50.2
169	13.3	11.1	16.7





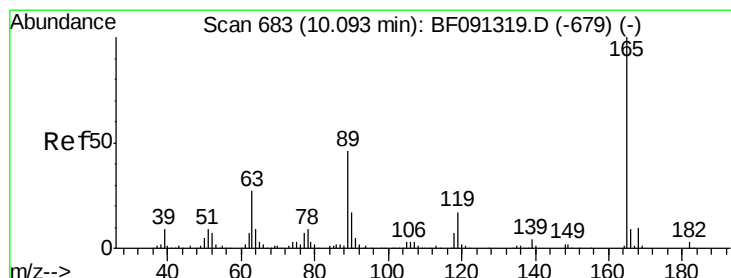
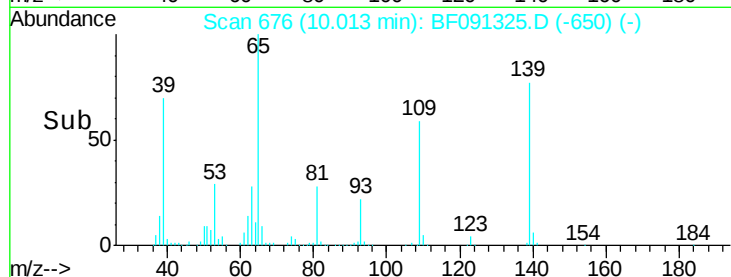
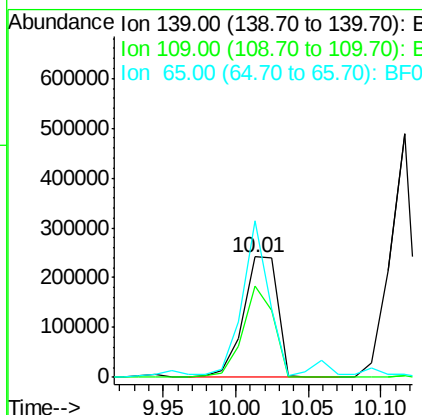
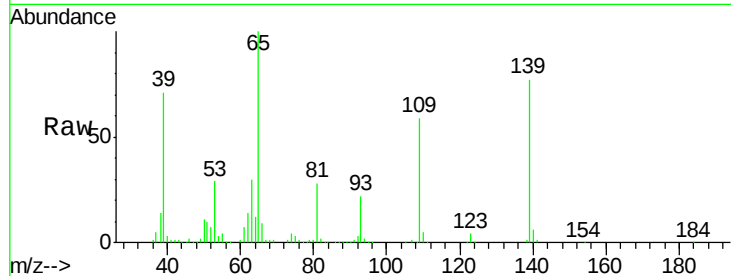
#55
4-Nitrophenol
Concen: 82.32 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	396491		
109	76.2	54.9	94.9	
65	130.1	102.2	142.2	

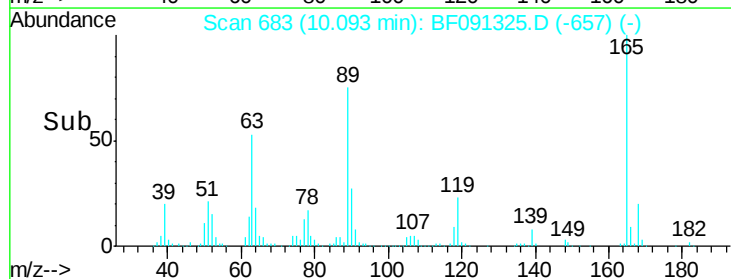
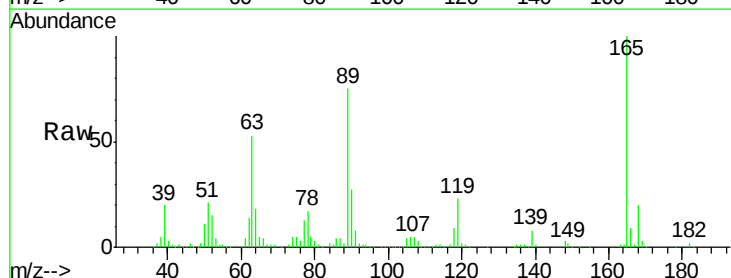
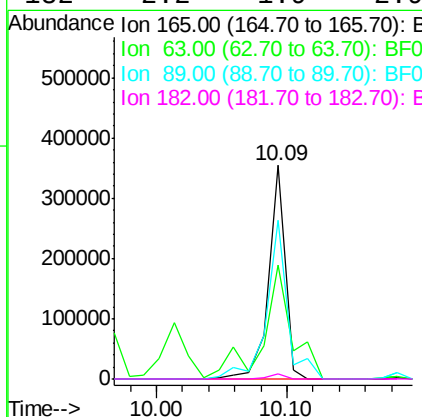
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#56
2,4-Dinitrotoluene
Concen: 42.31 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	316198		
63	53.3	29.0	43.4#	
89	74.5	43.1	64.7#	
182	2.2	1.9	2.9	





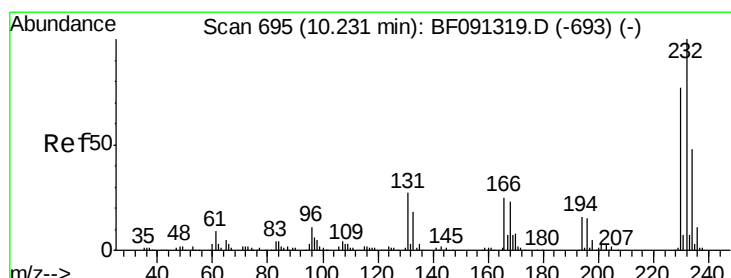
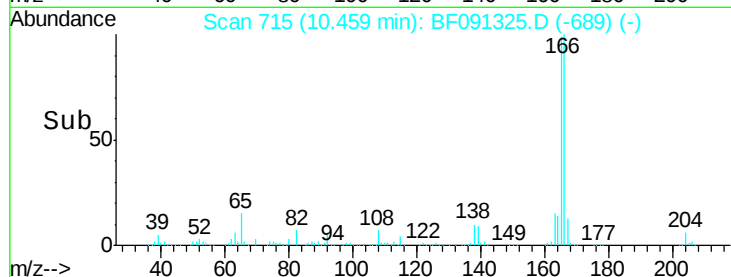
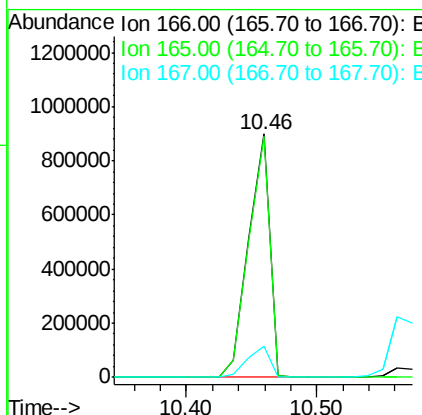
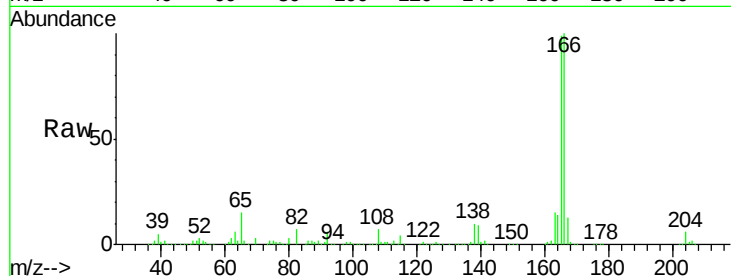
#57
Fluorene
 Concen: 40.90 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.0	120.0
167	13.0	10.8	16.2

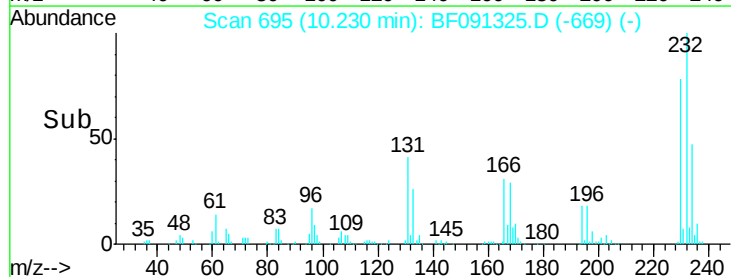
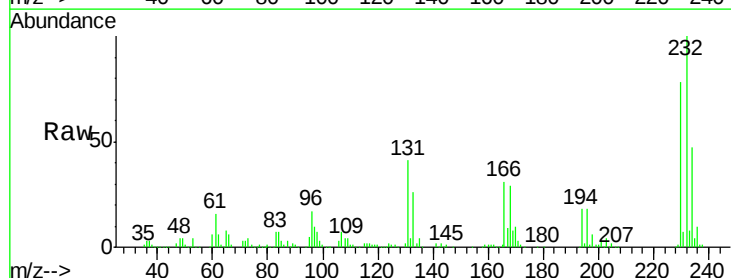
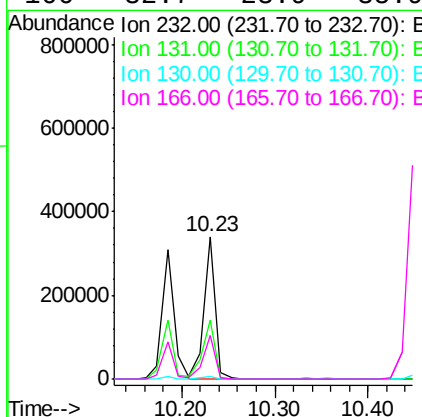
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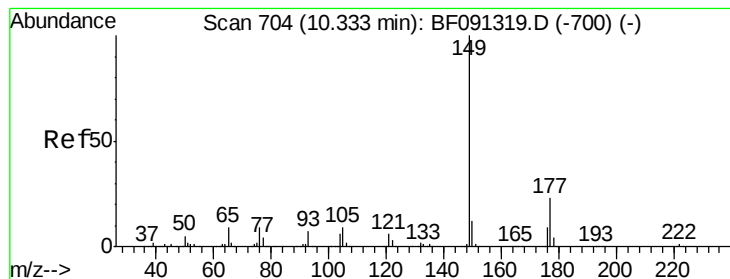
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.57 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.3	38.4	57.6
130	2.1	1.8	2.8
166	32.7	23.9	35.9





#59

Diethylphthalate

Concen: 38.52 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

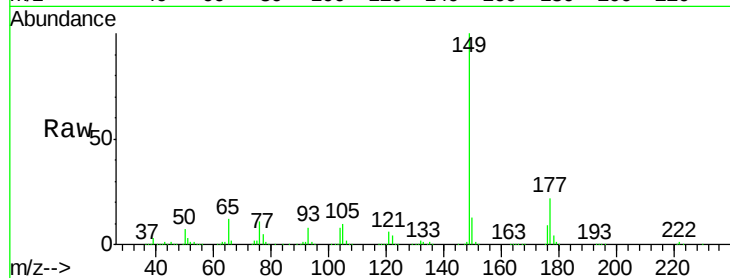
ClientSampleId :

PB94860BS

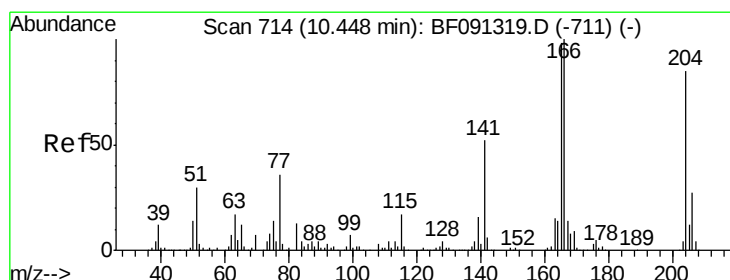
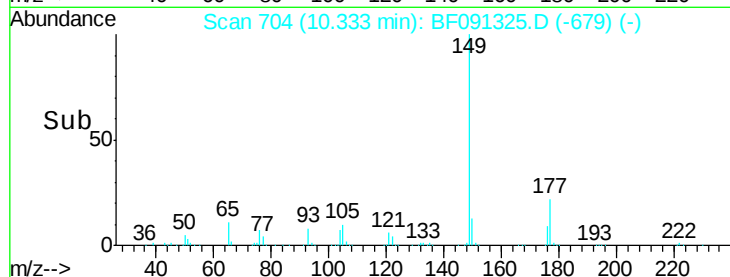
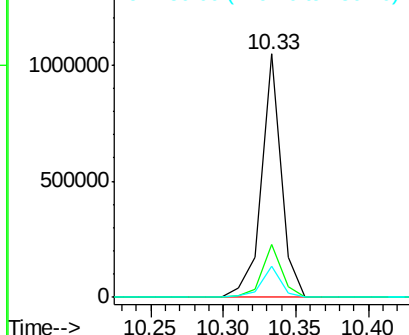
Tgt Ion:	149	Resp:	980048
Ion Ratio	Lower	Upper	
149	100		
177	21.6	15.7	23.5
150	12.7	10.2	15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 36.00 ng

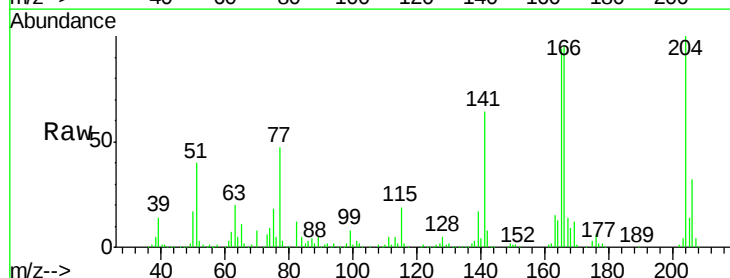
RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

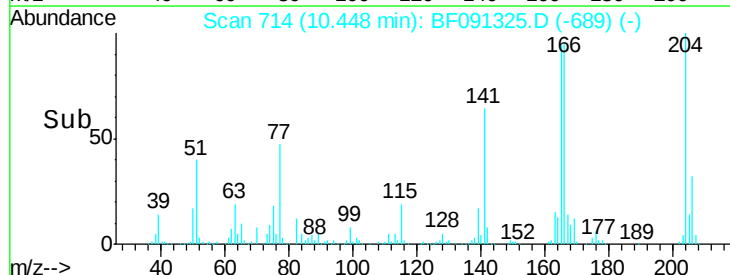
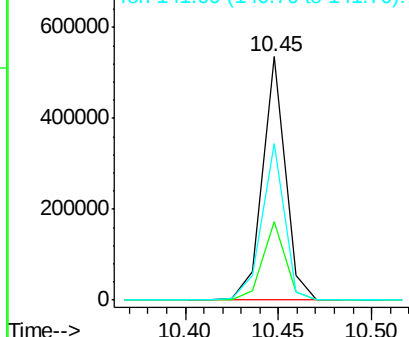
Lab File: BF091325.D

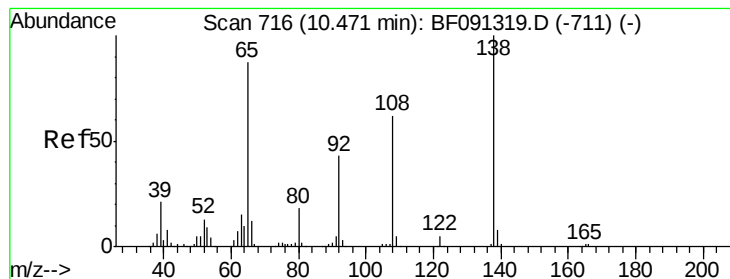
Acq: 29 Nov 2016 14:19

Tgt Ion:	204	Resp:	449220
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.1	39.1
141	64.4	40.6	61.0#



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





#61

4-Nitroaniline

Concen: 34.78 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

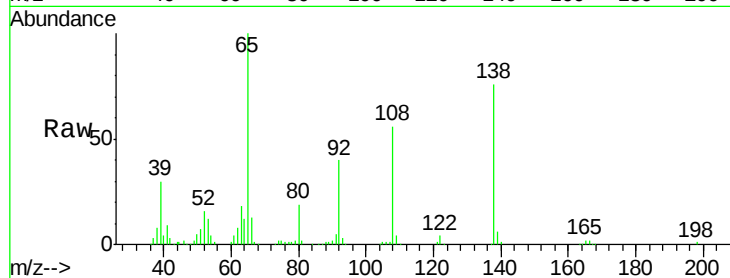
ClientSampleId :

PB94860BS

Tgt Ion:	138	Resp:	217777
Ion Ratio	Lower	Upper	
138	100		
92	51.9	26.9	66.9
108	73.5	49.1	89.1

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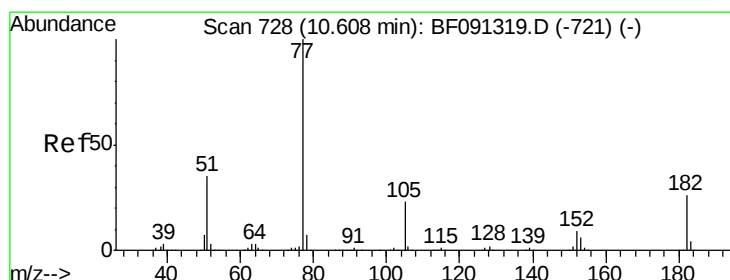
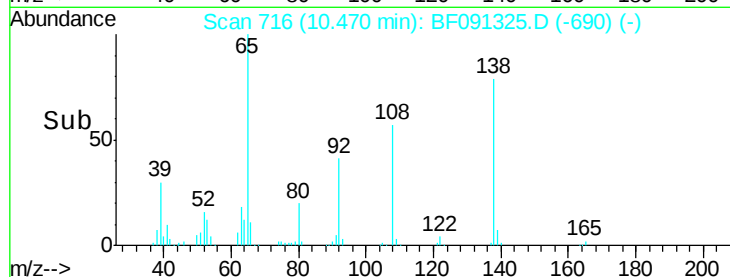
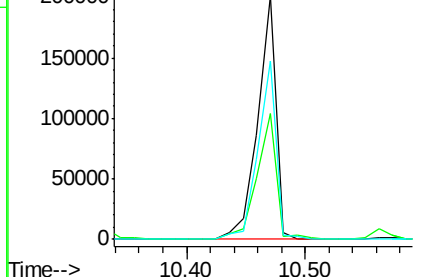
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.57 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

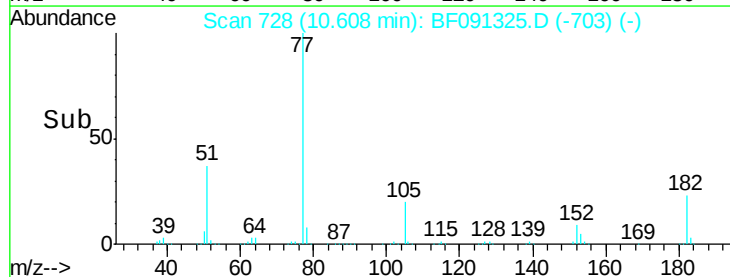
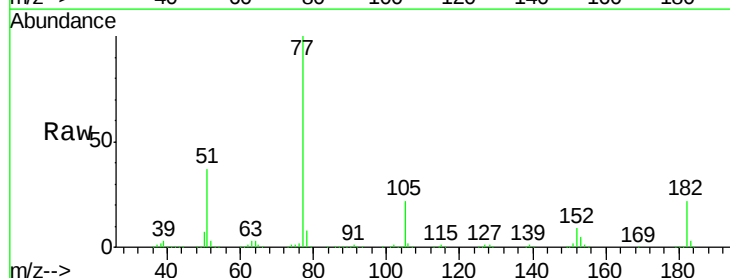
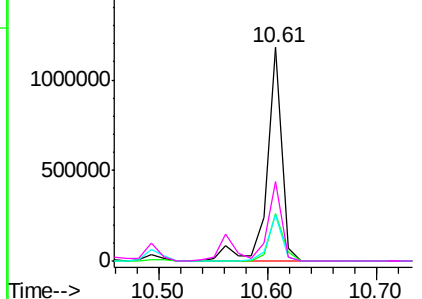
Tgt Ion:	77	Resp:	1131192
Ion Ratio	Lower	Upper	
77	100		
182	22.4	12.5	52.5
105	21.9	3.7	43.7
51	37.0	11.9	51.9

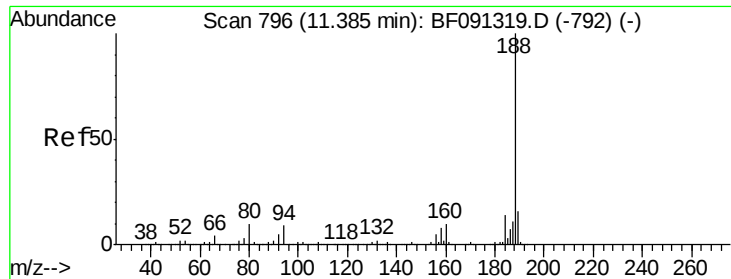
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





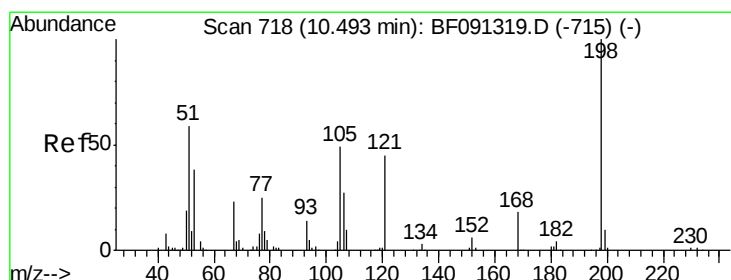
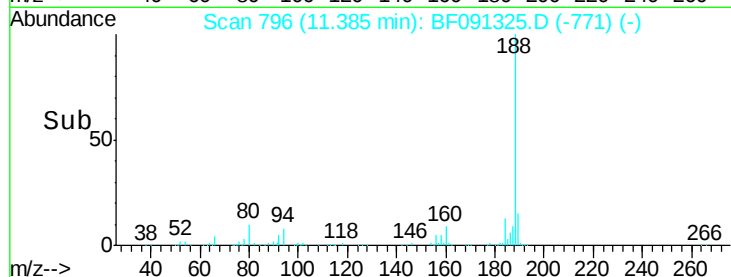
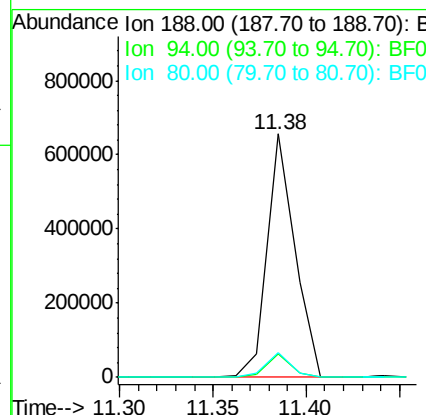
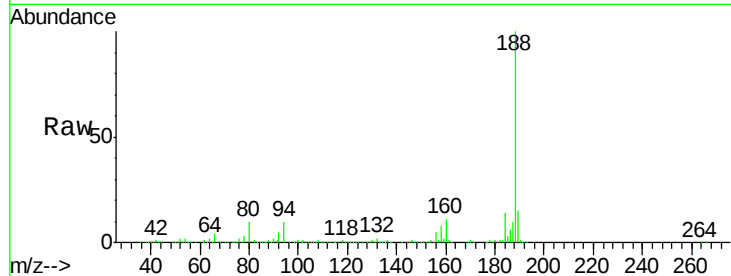
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	9.2	13.8
80	10.2	10.5	15.7#

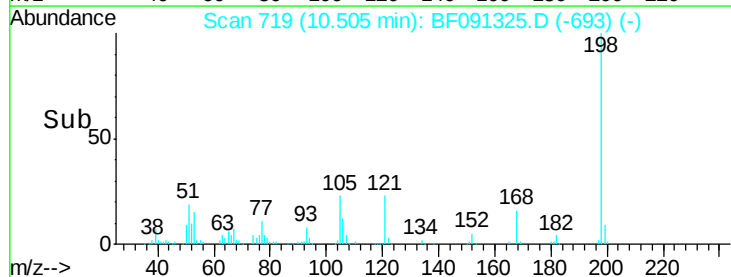
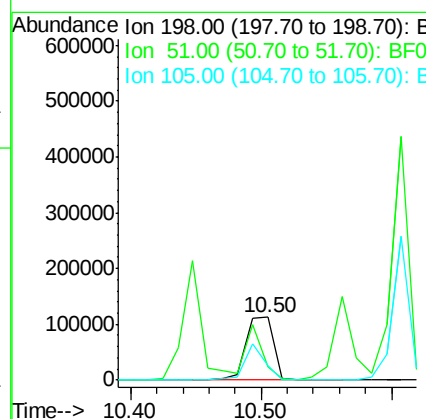
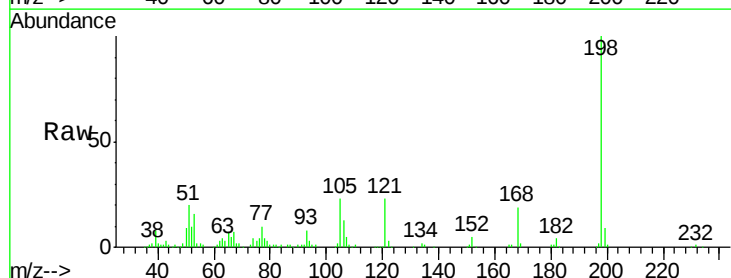
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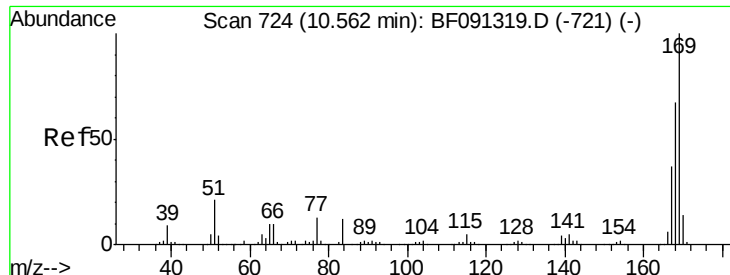
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.32 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	20.0	77.1	117.1#
105	23.4	44.8	84.8#





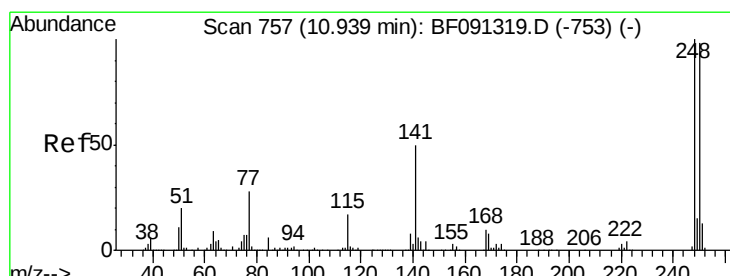
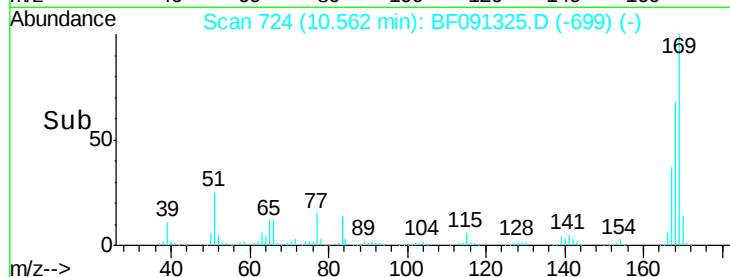
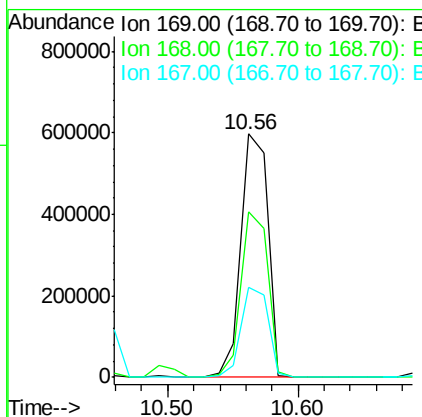
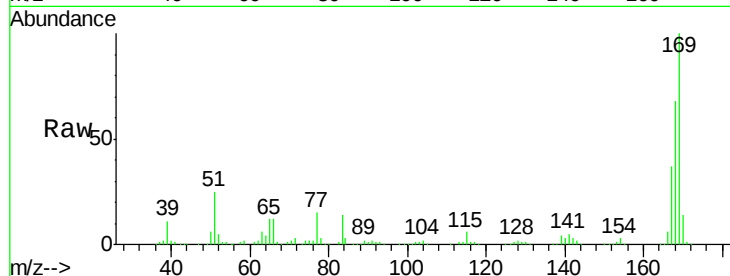
#65
 n-Nitrosodiphenylamine
 Concen: 41.78 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	854267		
168	67.9	53.8	80.8	
167	37.1	29.8	44.8	

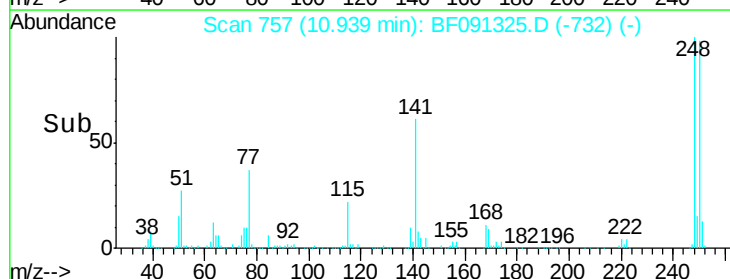
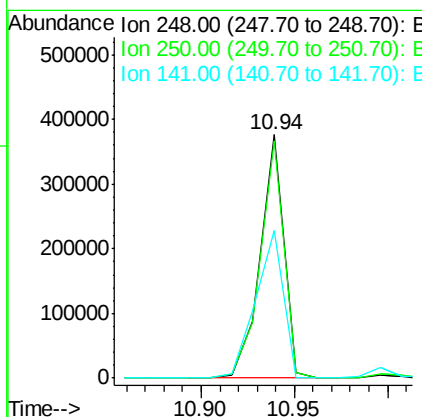
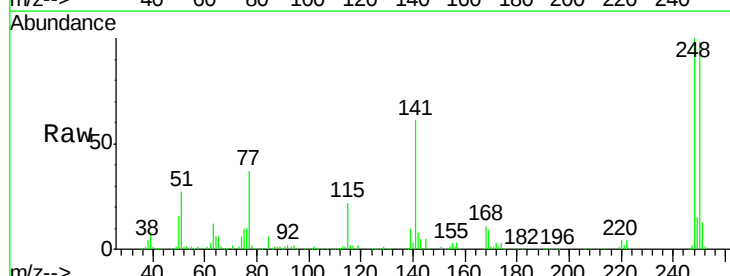
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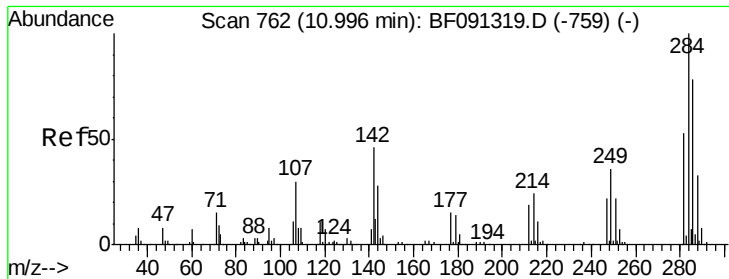
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#66
 4-Bromophenyl-phenylether
 Concen: 45.38 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	328886		
250	97.5	78.2	117.4	
141	60.8	71.9	107.9#	





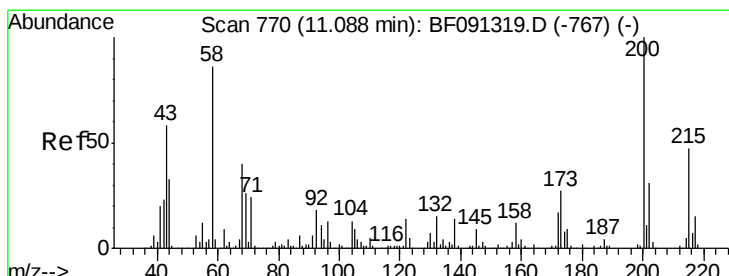
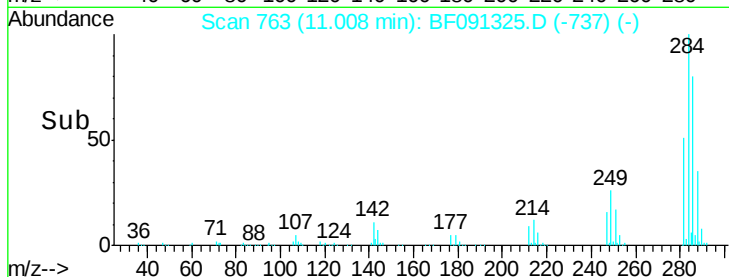
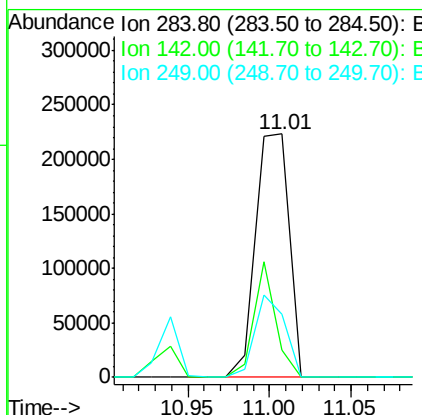
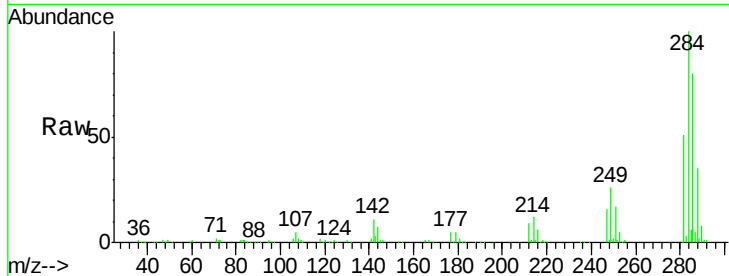
#67
Hexachlorobenzene
Concen: 40.83 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	319745		
142	11.3	17.9	26.9#	
249	25.7	23.6	35.4	

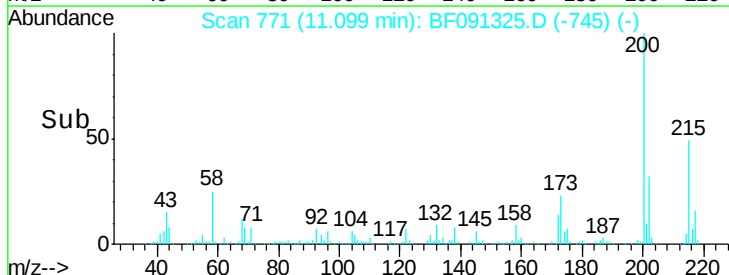
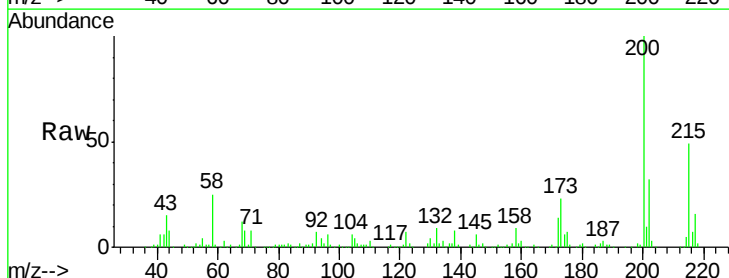
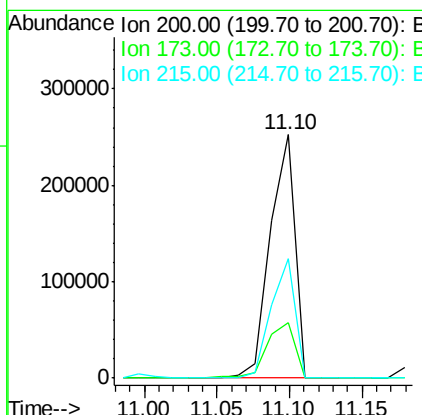
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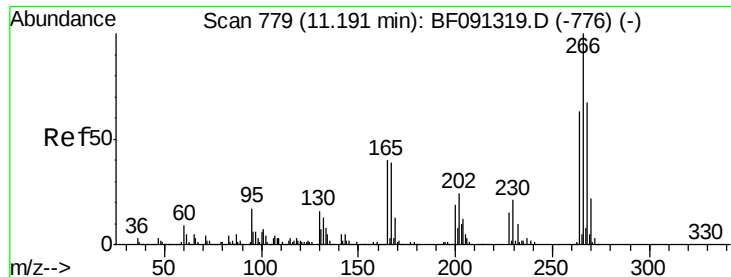
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#68
Atrazine
Concen: 45.01 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	298027		
173	22.9	7.8	47.8	
215	48.9	24.3	64.3	





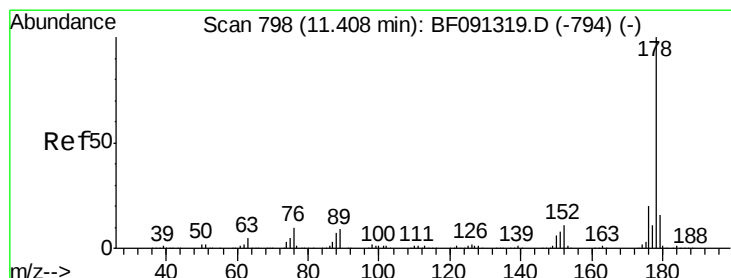
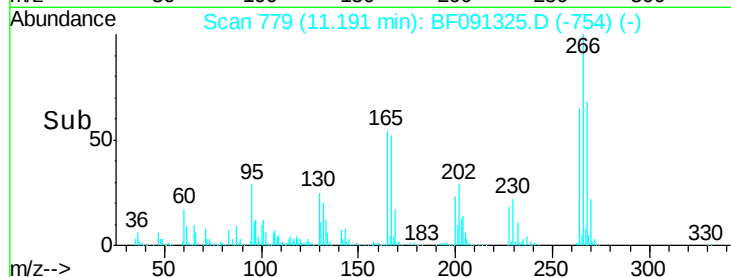
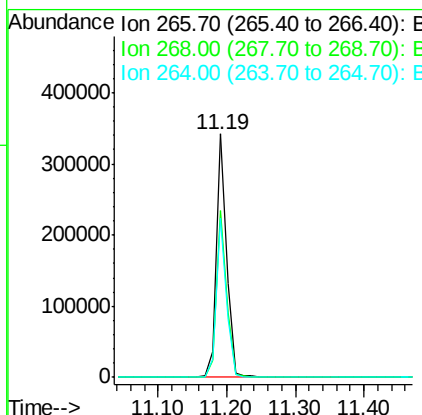
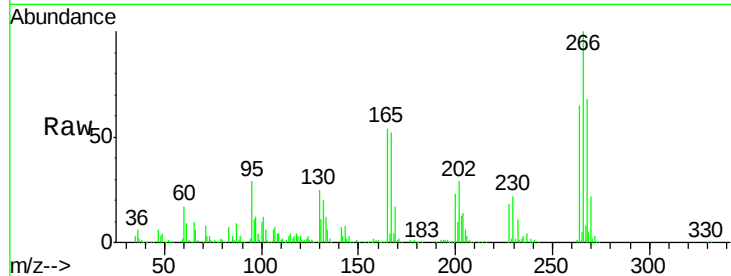
#69
 Pentachlorophenol
 Concen: 78.49 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	361913		
268	68.4	50.3	75.5	
264	65.3	48.2	72.2	

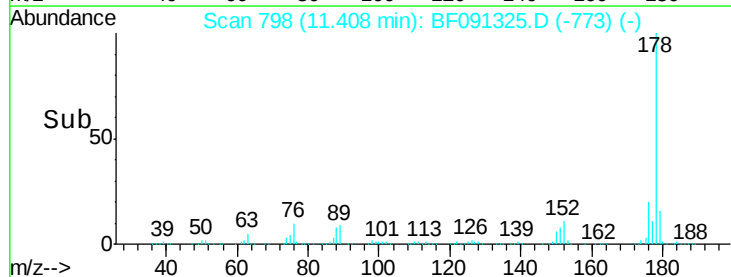
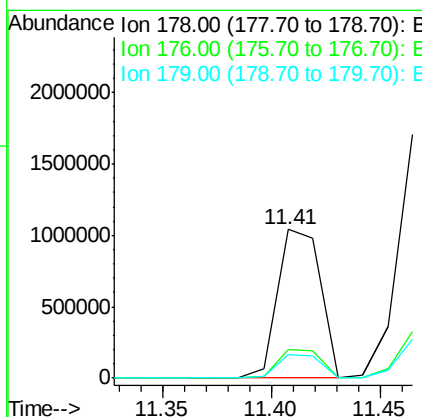
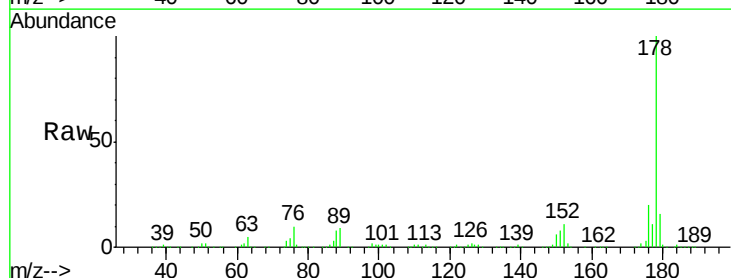
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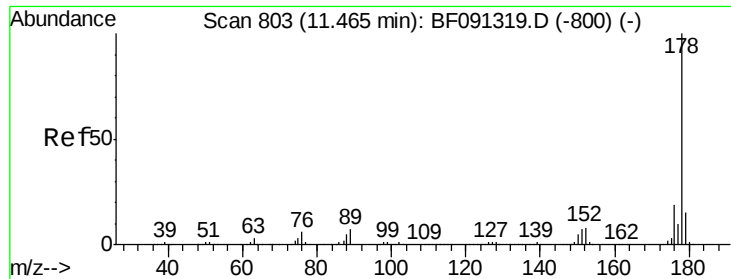
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#70
 Phenanthrene
 Concen: 41.12 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1440630		
176	19.5	15.9	23.9	
179	15.8	12.6	18.8	





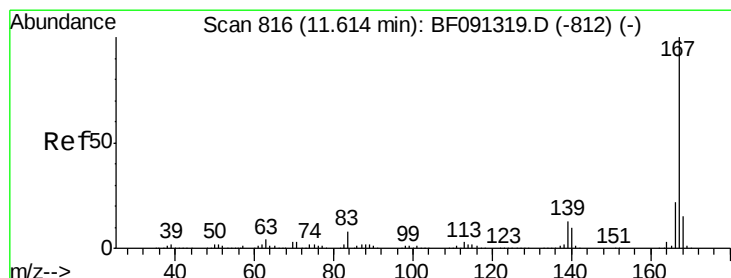
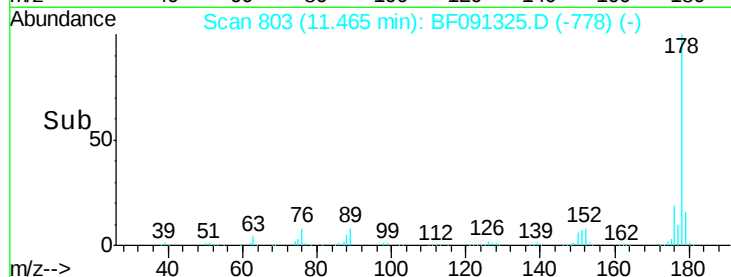
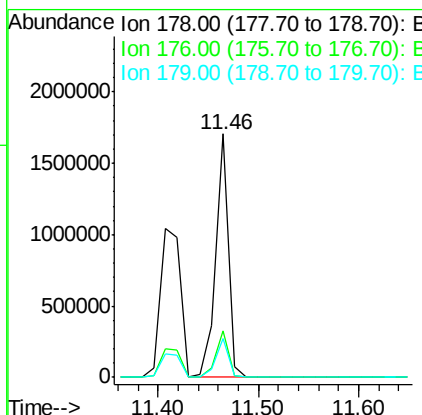
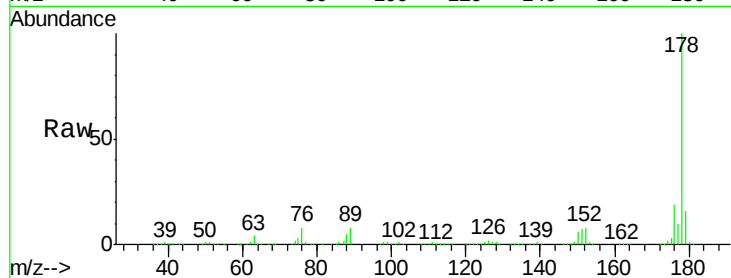
#71
 Anthracene
 Concen: 42.81 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion:178 Resp: 1488588
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 16.0 12.7 19.1

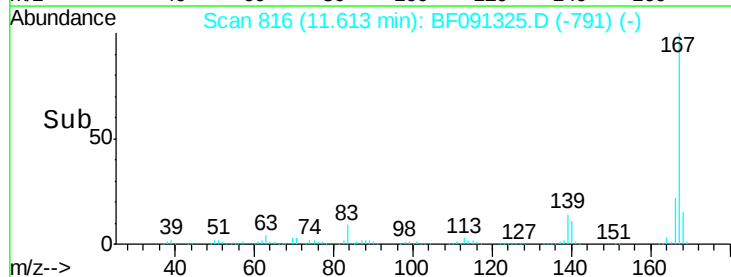
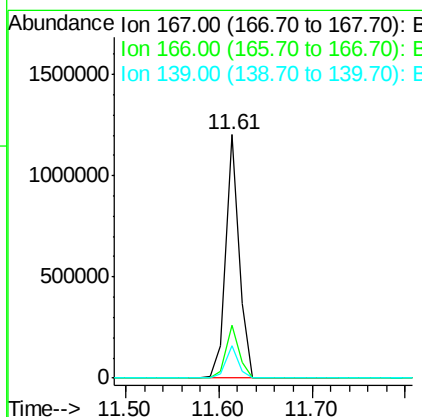
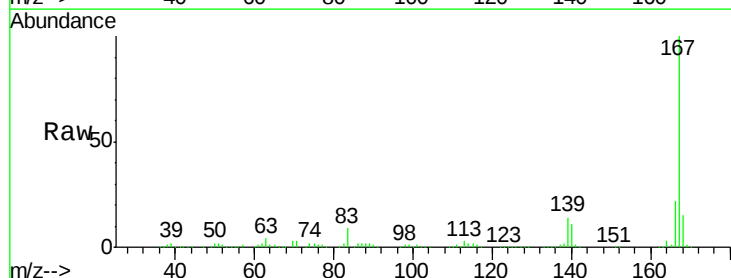
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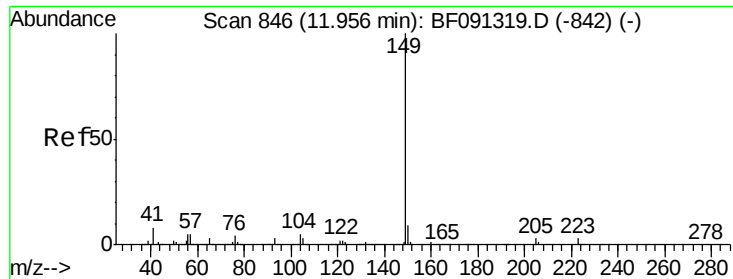
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#72
 Carbazole
 Concen: 37.99 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion:167 Resp: 1198679
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.5 11.5 17.3





#73

Di-n-butylphthalate

Concen: 43.64 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

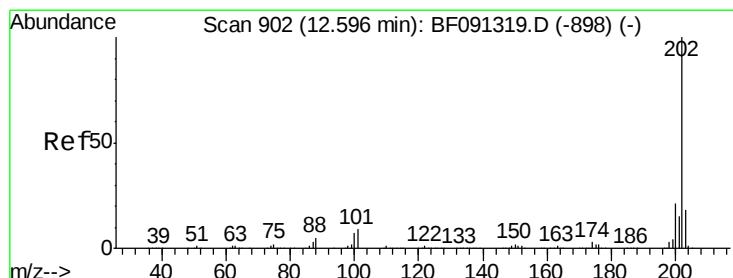
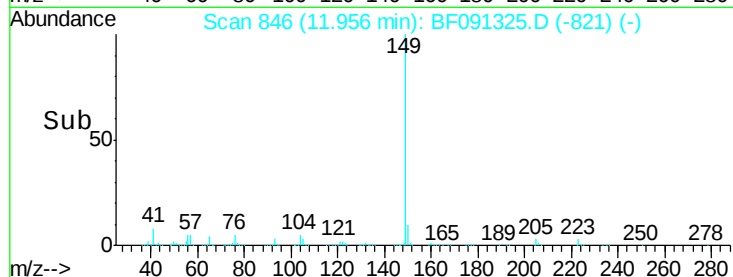
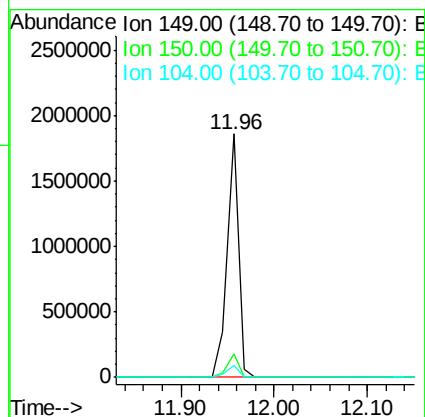
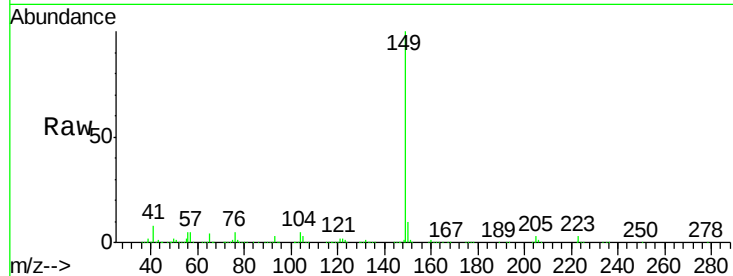
ClientSampleId :

PB94860BS

Tgt Ion:	149	Resp:	1560795
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.5	11.3
104	4.9	4.0	6.0

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#74

Fluoranthene

Concen: 42.95 ng

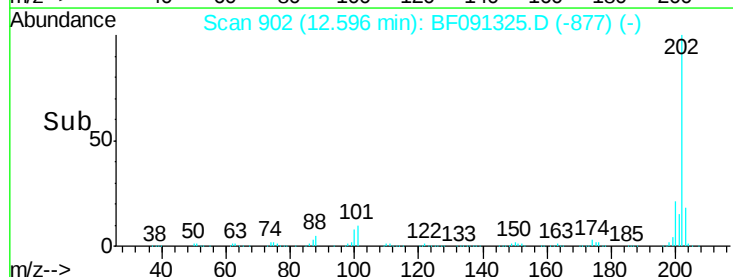
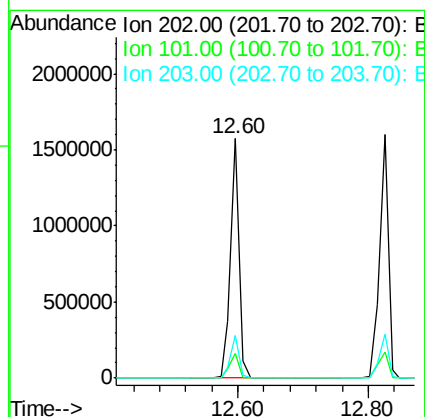
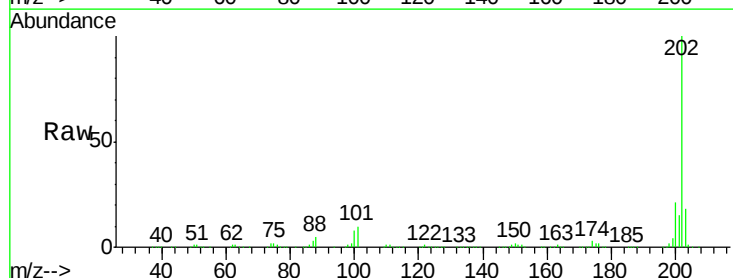
RT: 12.60 min Scan# 902

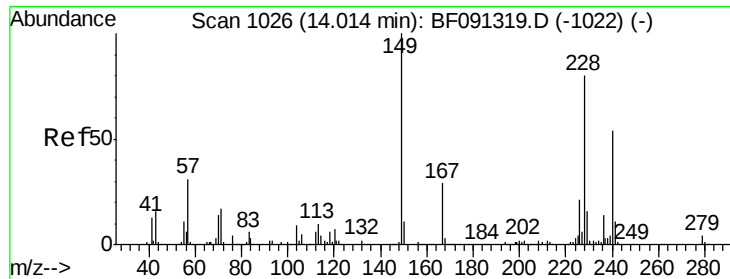
Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Tgt Ion:	202	Resp:	1425389
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	29.5
203	18.0	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: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

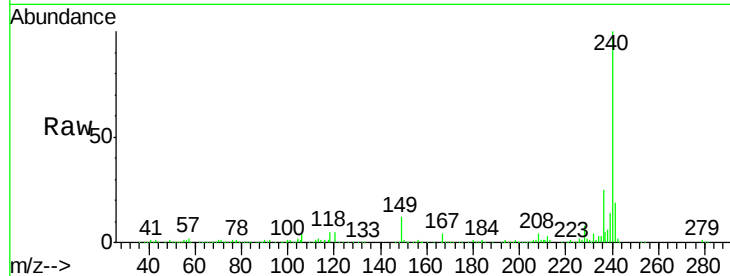
ClientSampleId :

PB94860BS

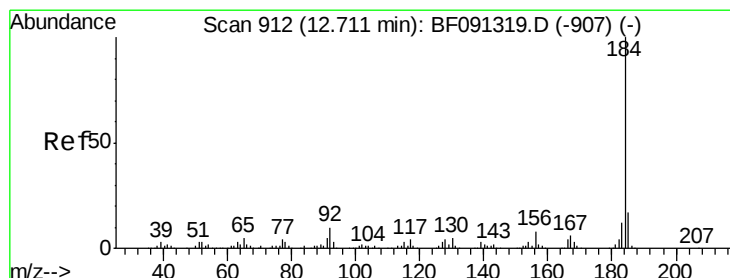
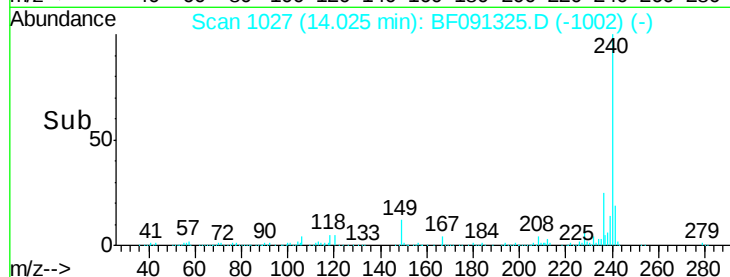
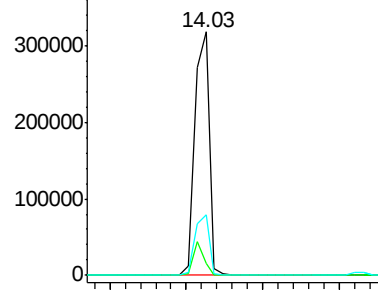
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	423762		
120	5.0	12.1	18.1#	
236	24.8	21.0	31.6	

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.72 ng

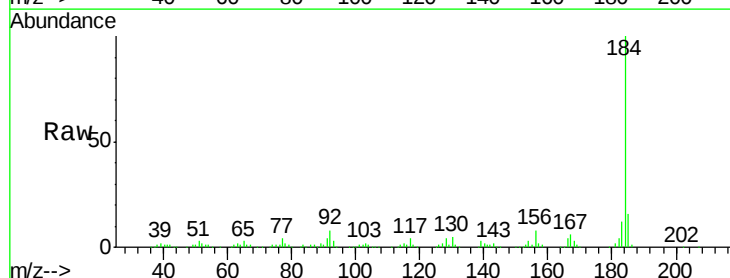
RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

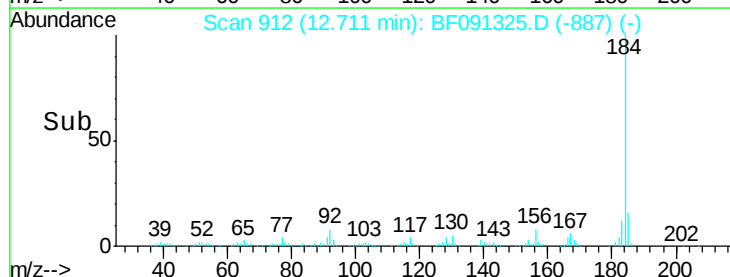
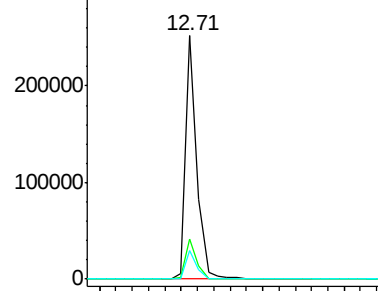
Lab File: BF091325.D

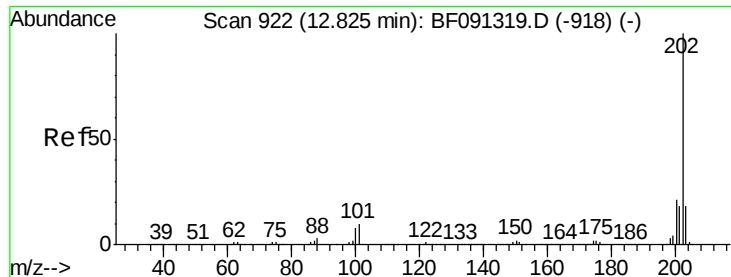
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	245345		
185	16.4	13.1	19.7	
183	11.6	8.9	13.3	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





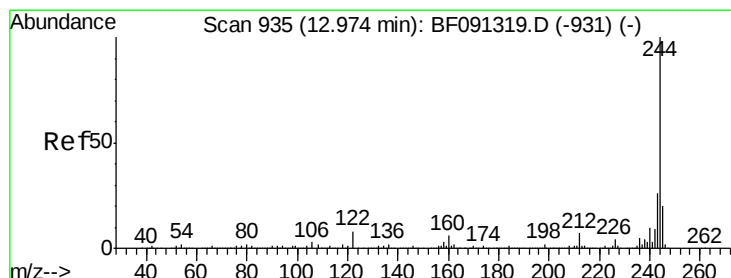
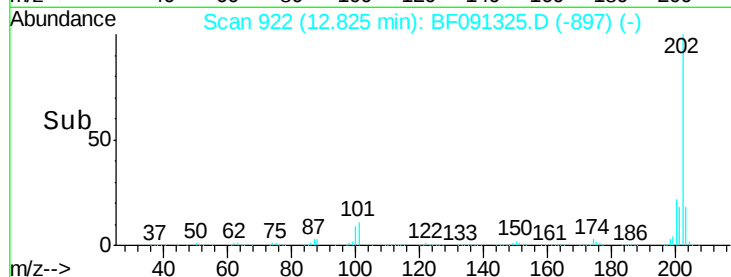
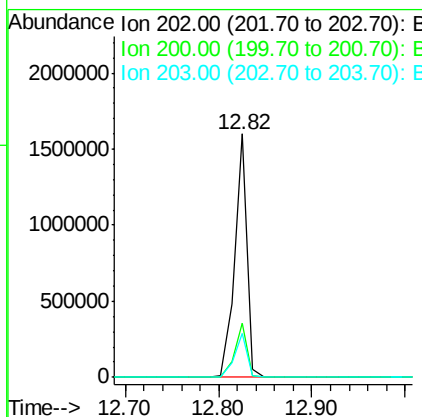
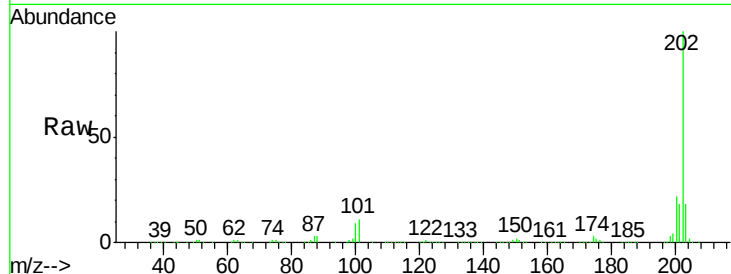
#77
 Pyrene
 Concen: 46.02 ng
 RT: 12.82 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion: 202 Resp: 1479918
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.6 26.4
 203 18.1 14.0 21.0

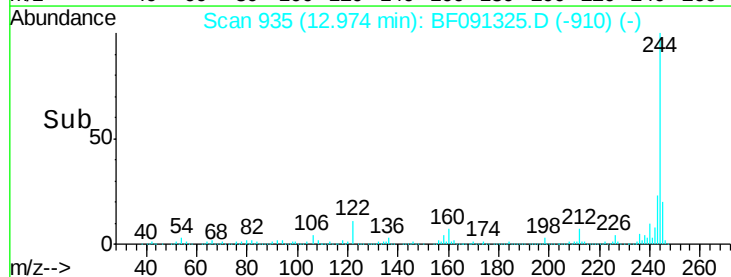
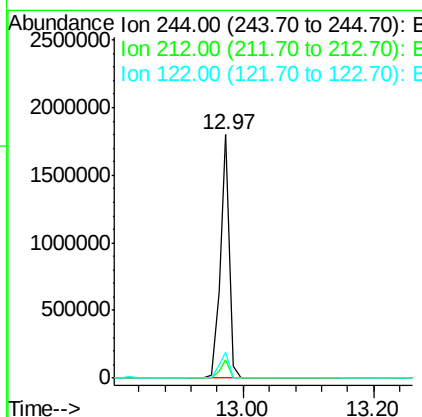
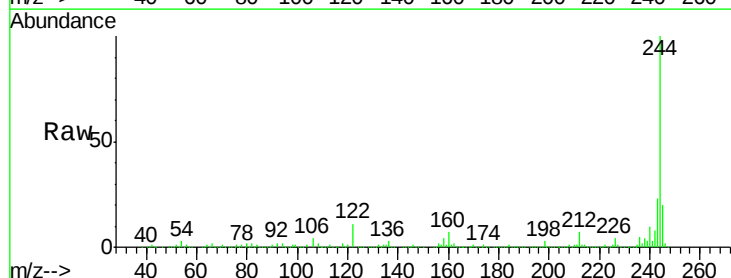
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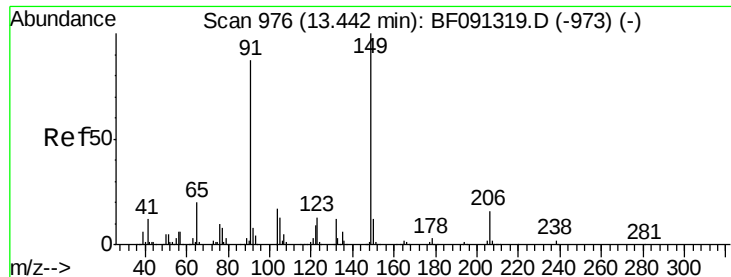
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#78
 Terphenyl-d14
 Concen: 90.03 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion: 244 Resp: 1755341
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.9 9.5 14.3





#79

Butylbenzylphthalate

Concen: 48.15 ng

RT: 13.45 min Scan# 977

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion:149 Resp: 579854
Ion Ratio Lower Upper

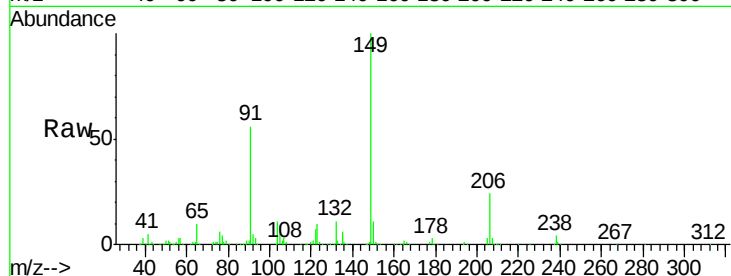
149 100

91 56.4 57.4 86.2#

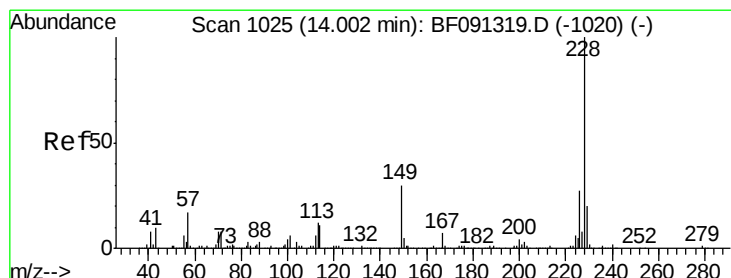
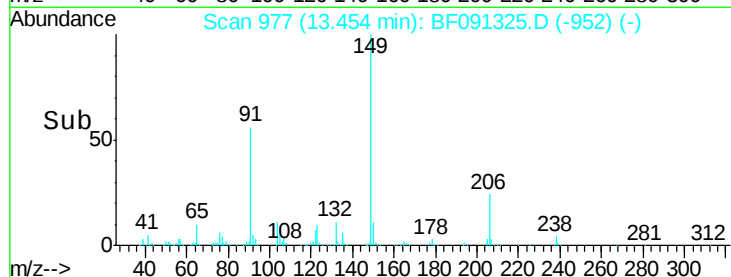
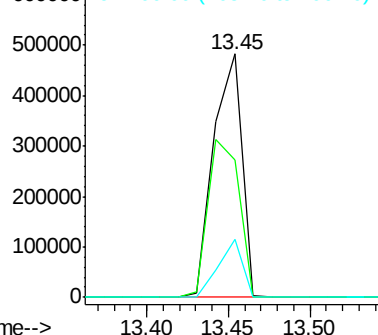
206 24.1 15.4 23.2#

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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: 43.79 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF091325.D

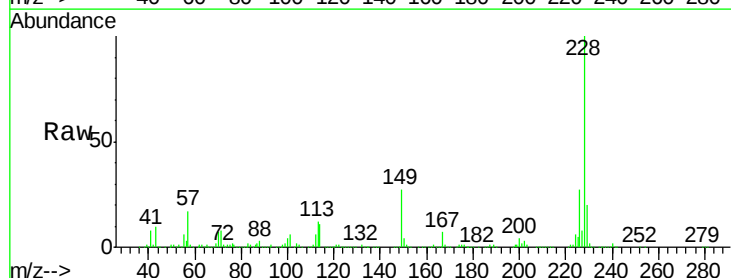
Acq: 29 Nov 2016 14:19

Tgt Ion:228 Resp: 1085294
Ion Ratio Lower Upper

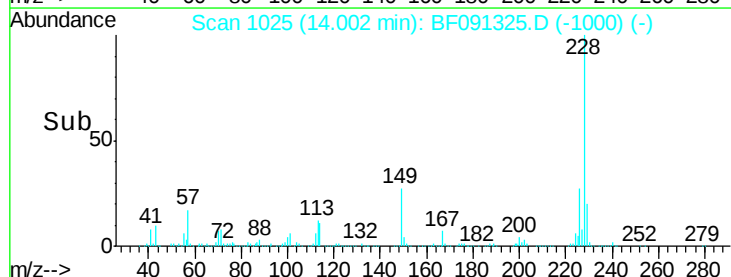
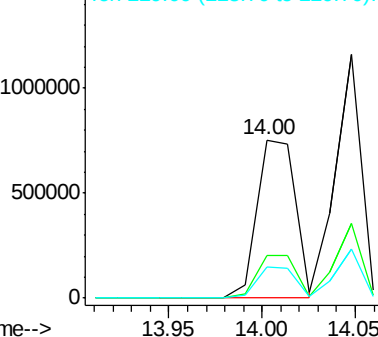
228 100

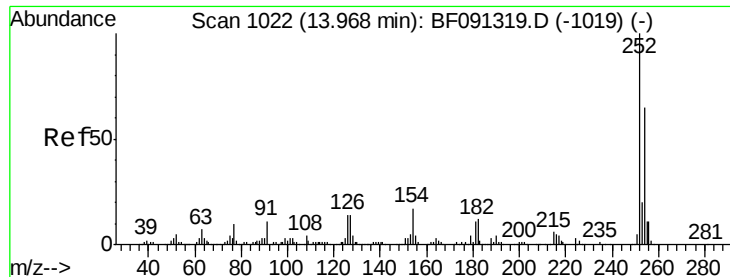
226 26.9 22.5 33.7

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





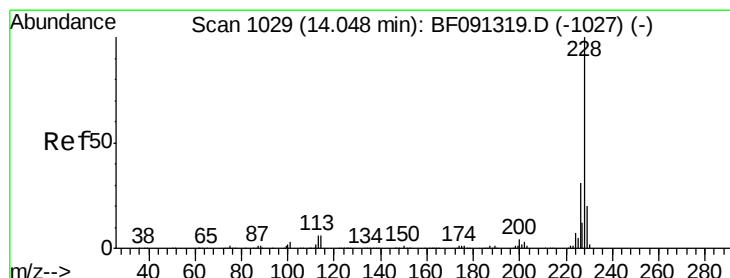
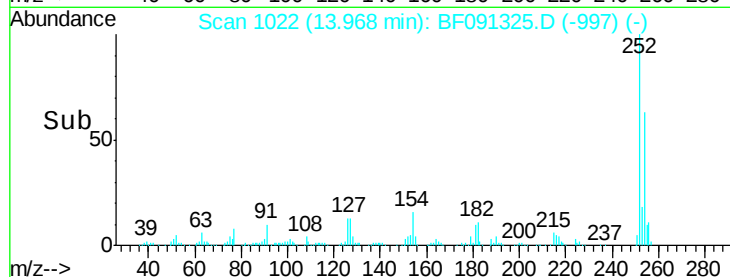
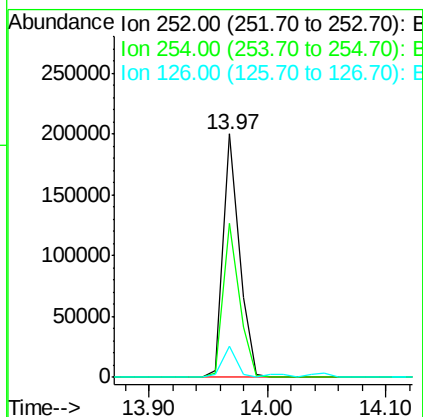
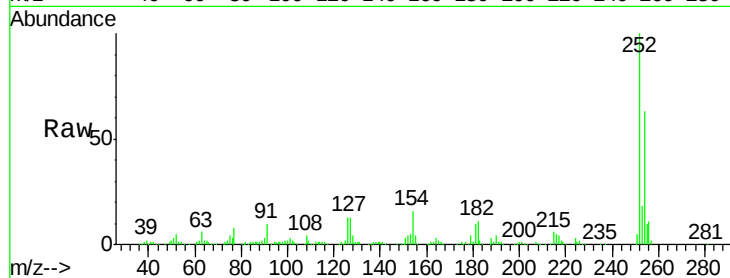
#81
 3,3'-Dichlorobenzidine
 Concen: 21.62 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.1	52.1	78.1
126	12.6	7.5	11.3

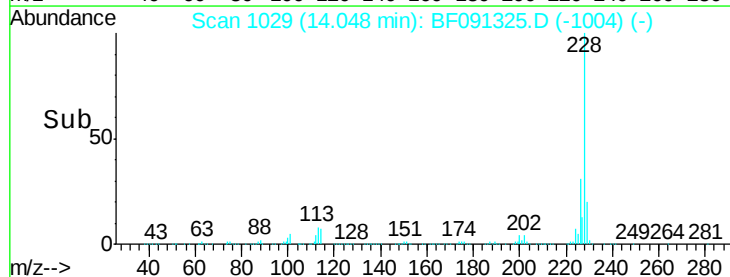
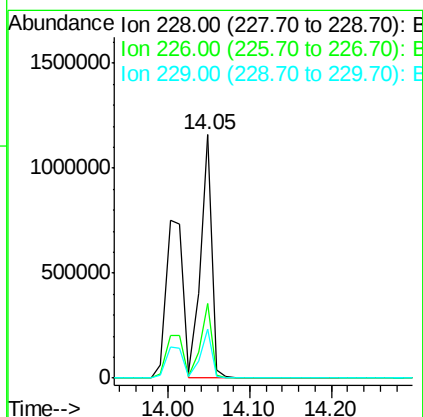
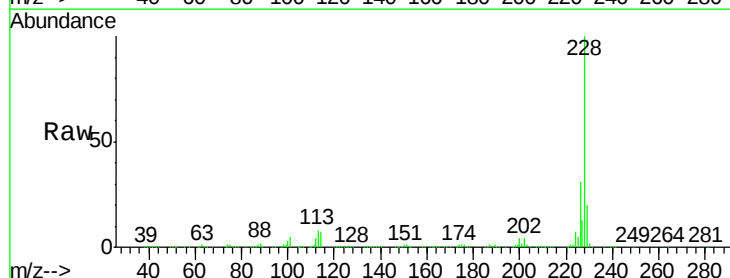
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#82
 Chrysene
 Concen: 45.45 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.0	37.4
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.38 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091325.D

Acq: 29 Nov 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB94860BS

Tgt Ion:149 Resp: 738481
Ion Ratio Lower Upper

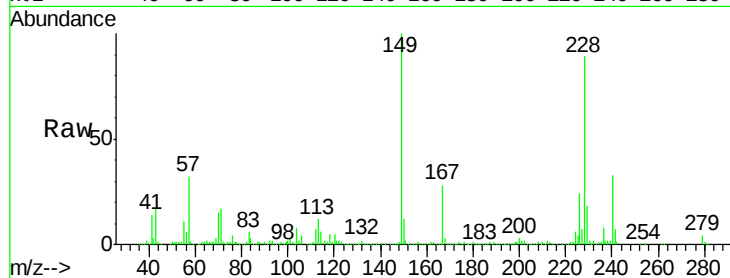
149 100

167 27.7 19.6 29.4

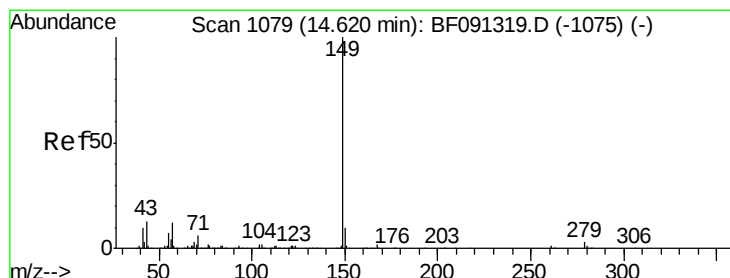
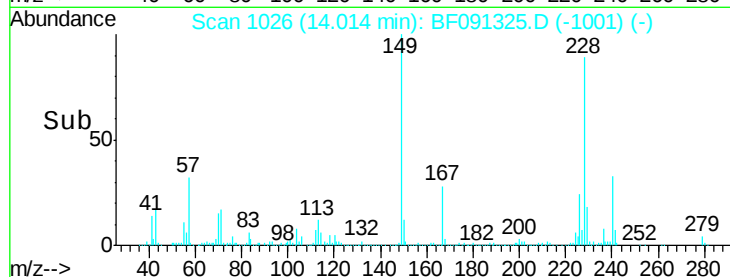
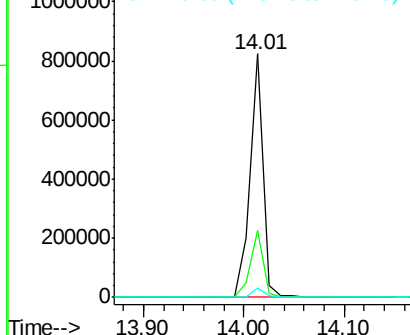
279 3.7 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.33 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091325.D

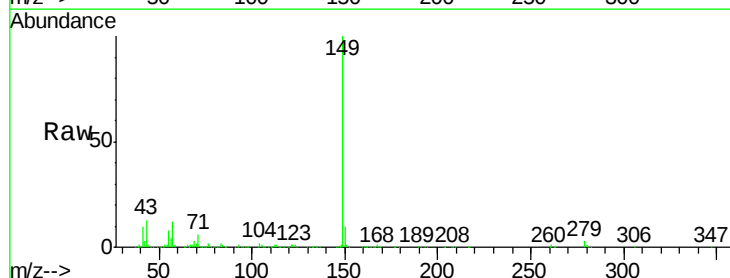
Acq: 29 Nov 2016 14:19

Tgt Ion:149 Resp: 1093299
Ion Ratio Lower Upper

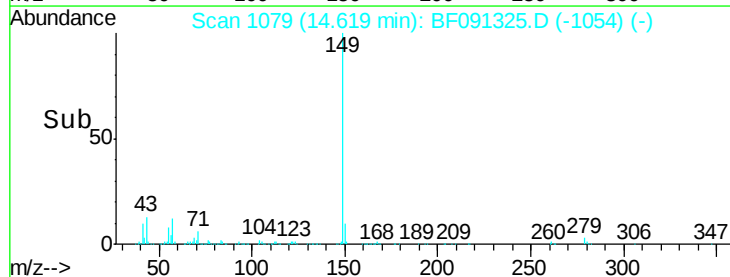
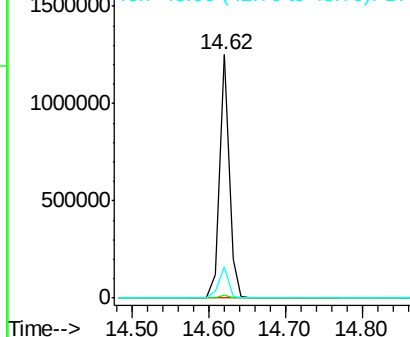
149 100

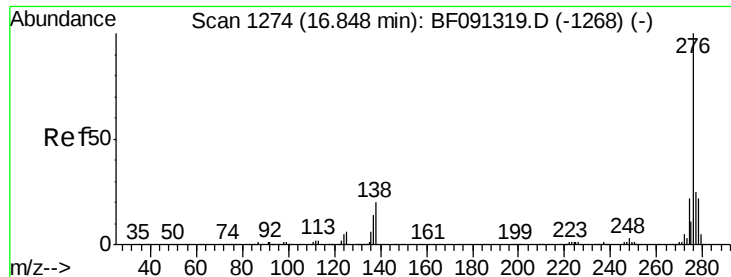
167 1.5 1.3 1.9

43 13.3 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





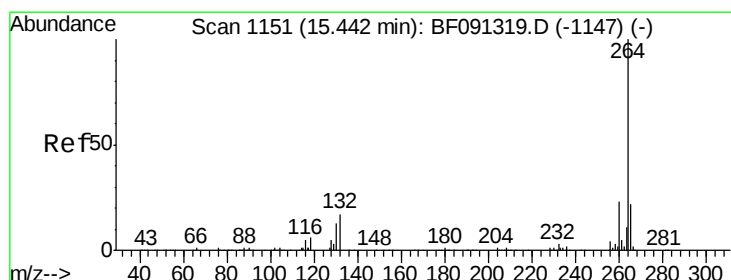
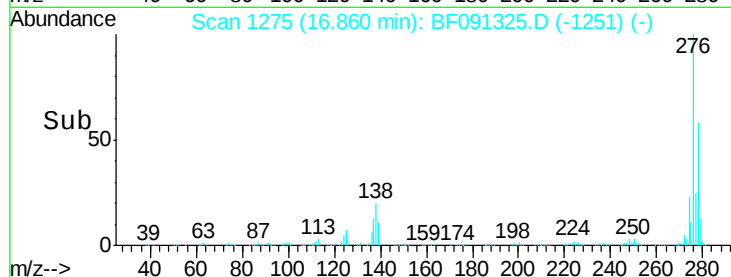
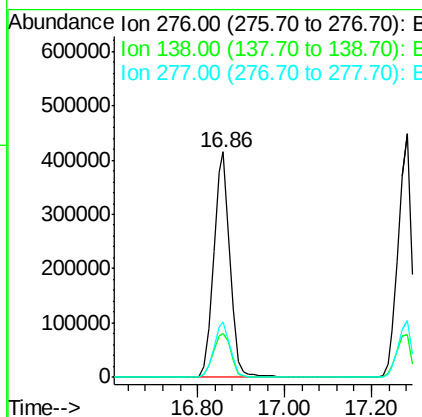
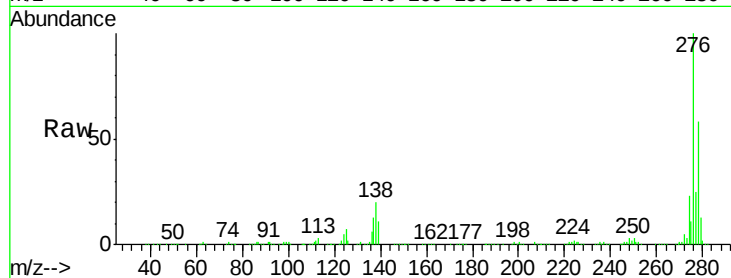
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.98 ng
 RT: 16.86 min Scan# 1275
 Delta R.T. -0.03 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.0	31.4
277	24.9	20.2	30.2

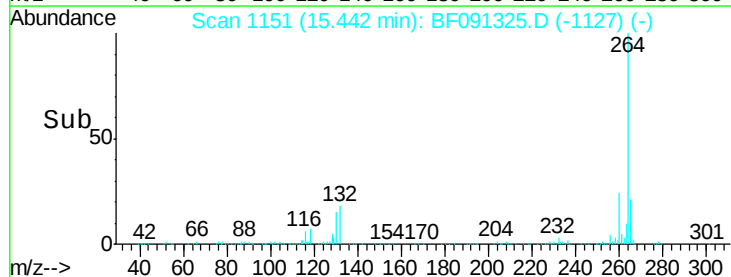
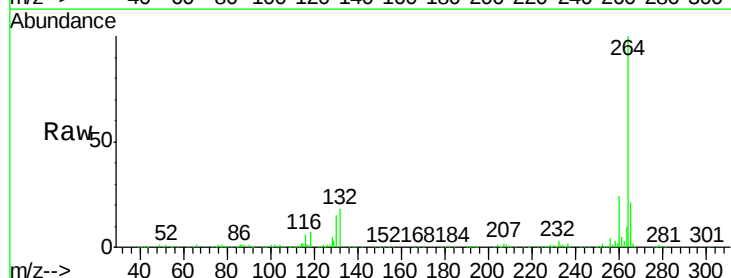
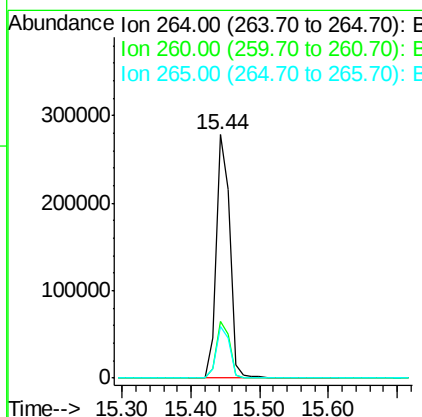
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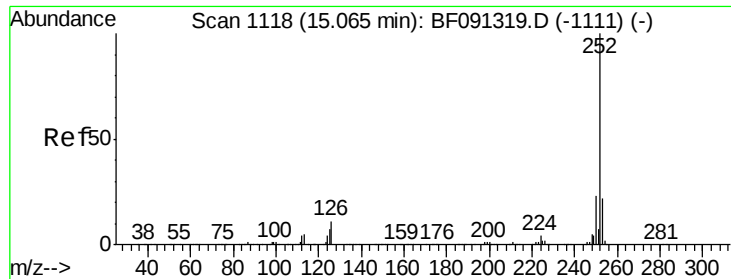
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.4	17.0	25.6





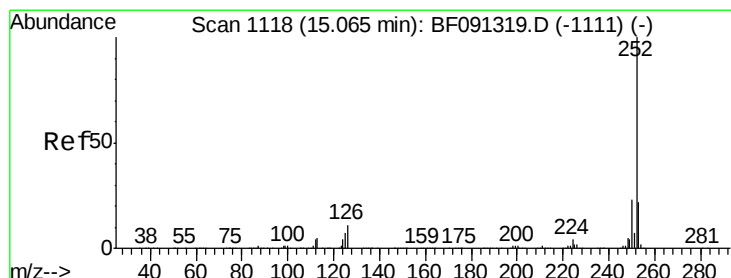
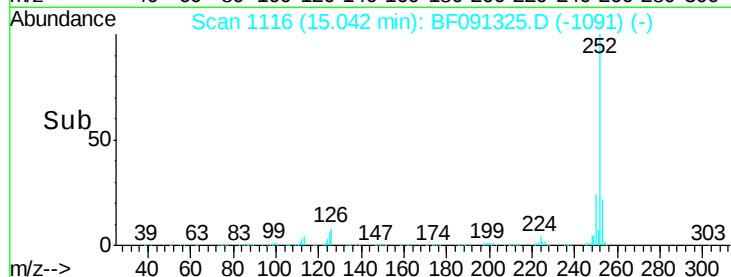
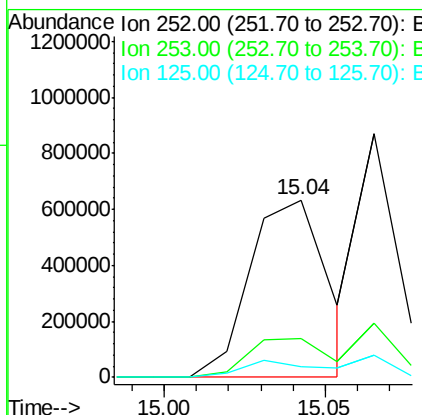
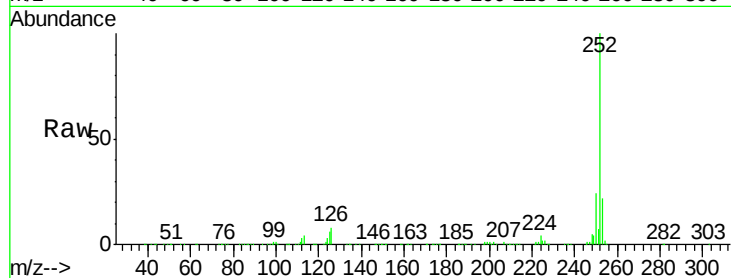
#87
Benzo(b)fluoranthene
Concen: 43.98 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion:252 Resp: 1064306
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 6.0 8.6 13.0#

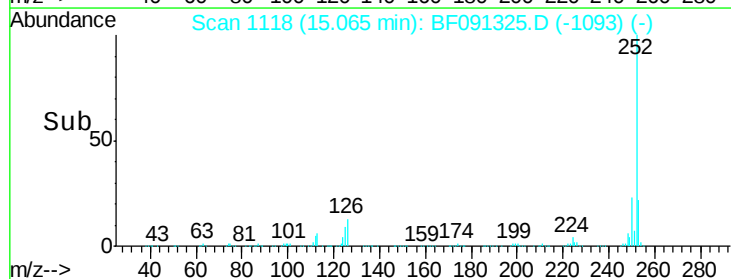
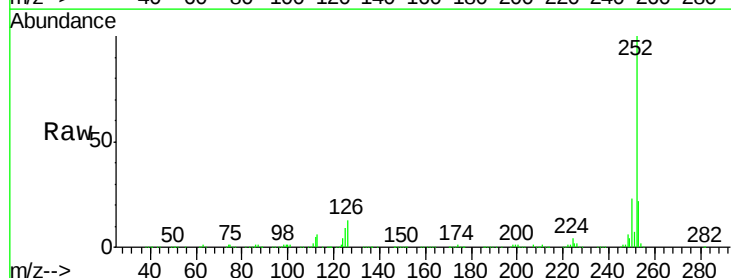
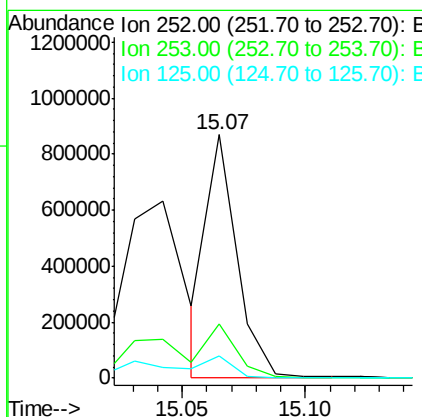
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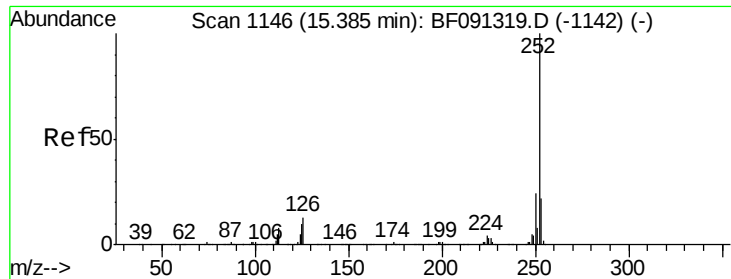
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#88
Benzo(k)fluoranthene
Concen: 36.91 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion:252 Resp: 751100
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.0 9.6 14.4#





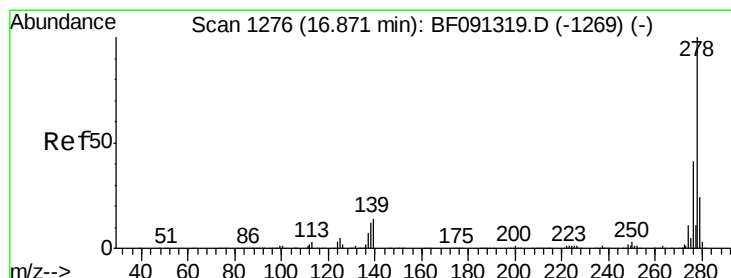
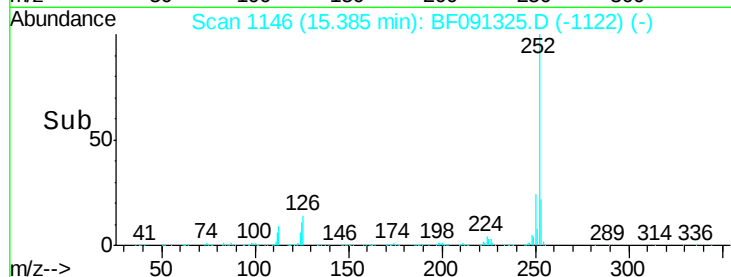
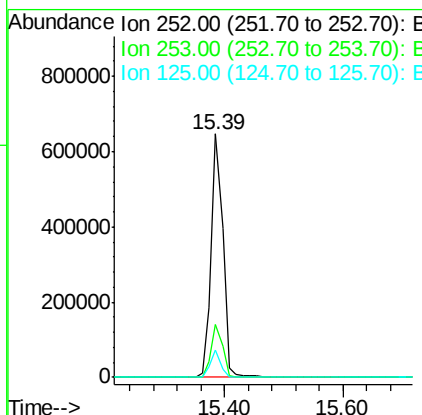
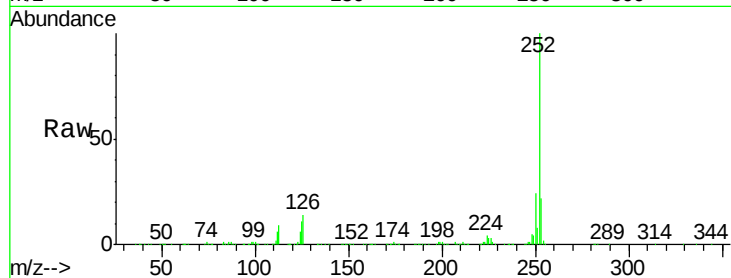
#89
Benzo(a)pyrene
Concen: 40.76 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB94860BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.2	10.4	15.6

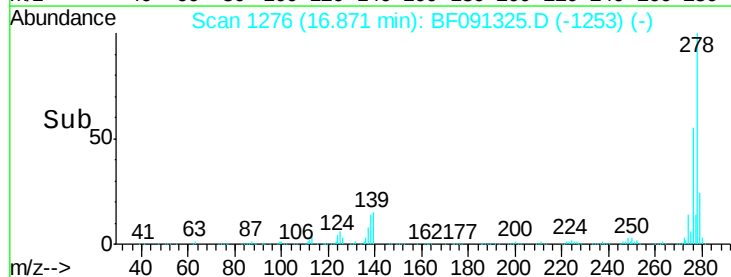
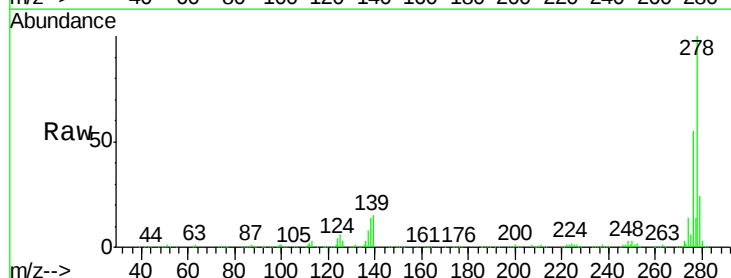
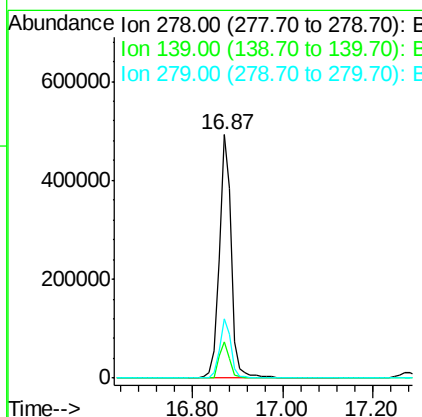
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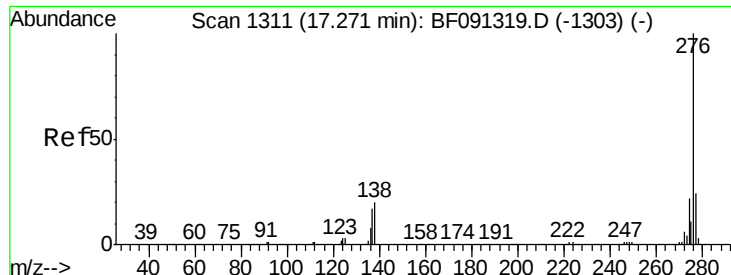
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#90
Dibenzo(a,h)anthracene
Concen: 45.16 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091325.D
Acq: 29 Nov 2016 14:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.1	22.7#
279	24.3	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 46.36 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF091325.D
 Acq: 29 Nov 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB94860BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	19.0	28.4
138	17.7	15.4	23.0

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