

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091344.D
 Acq On : 30 Nov 2016 10:31
 Operator : UM/SJ
 Sample : PB94951BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Manual Integrations
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Quant Time: Nov 30 18:28:41 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	179617	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	709204	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	403235	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	658404	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	403958	20.00	ng	-0.03
86) Perylene-d12	15.44	264	369121	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	696869	63.38	ng	0.00
7) Phenol-d6	6.49	99	910337	67.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	1016734	80.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	251227	65.81	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1936401	86.95	ng	0.00
78) Terphenyl-d14	12.97	244	1860050	100.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	160528	32.27	ng	88
3) Pyridine	3.26	79	488543	34.71	ng	88
4) n-Nitrosodimethylamine	3.21	42	304029	41.16	ng	94
6) Aniline	6.53	93	588843	32.75	ng	# 70
8) 2-Chlorophenol	6.65	128	500526	41.52	ng	98
9) Benzaldehyde	6.40	77	142424	16.36	ng	94
10) Phenol	6.50	94	579033	36.36	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	480856	42.26	ng	94
12) 1,3-Dichlorobenzene	6.80	146	503680m	37.56	ng	
13) 1,4-Dichlorobenzene	6.88	146	508713	38.14	ng	97
14) 1,2-Dichlorobenzene	7.04	146	500945m	40.32	ng	
15) Benzyl Alcohol	7.01	79	420701	38.84	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	957738	39.14	ng	71
17) 2-Methylphenol	7.12	107	391123	41.04	ng	# 77
18) Hexachloroethane	7.38	117	191534	40.44	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	327832	38.45	ng	# 98
20) 3+4-Methylphenols	7.27	107	462350	39.74	ng	# 65
22) Acetophenone	7.28	105	669999	39.86	ng	# 93
24) Nitrobenzene	7.45	77	550044	42.45	ng	# 79
25) Isophorone	7.69	82	964313	43.01	ng	98
26) 2-Nitrophenol	7.76	139	234792	39.76	ng	98
27) 2,4-Dimethylphenol	7.81	122	480762	43.52	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	561797	41.63	ng	99
29) 2,4-Dichlorophenol	8.01	162	403699	41.55	ng	88
30) 1,2,4-Trichlorobenzene	8.09	180	451420	41.44	ng	98
31) Naphthalene	8.17	128	1346152	39.94	ng	100
32) Benzoic acid	7.93	122	336645	41.35	ng	# 83
33) 4-Chloroaniline	8.22	127	208565	14.47	ng	99
34) Hexachlorobutadiene	8.30	225	278198	41.53	ng	99
35) Caprolactam	8.60	113	130996m	46.90	ng	
36) 4-Chloro-3-methylphenol	8.70	107	418398	39.88	ng	99
37) 2-Methylnaphthalene	8.87	142	929190	40.58	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	401997	35.36	ng	99
40) Hexachlorocyclopentadiene	9.02	237	516525	98.03	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	313948	42.49	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	300058m	40.53	nq	
45) 1,1'-Biphenyl	9.33	154	1071083	36.94	nq	97
46) 2-Chloronaphthalene	9.35	162	803103	37.19	nq	98
47) 2-Nitroaniline	9.44	65	271917	35.06	nq	# 76
48) Acenaphthylene	9.77	152	1327524	39.05	nq	99
49) Dimethylphthalate	9.64	163	1052385	43.10	nq	99
50) 2,6-Dinitrotoluene	9.69	165	249390	45.70	nq	# 65
51) Acenaphthene	9.94	154	997437	43.50	nq	96
52) 3-Nitroaniline	9.85	138	143670	22.75	nq	94
53) 2,4-Dinitrophenol	9.97	184	234653	98.33	nq	# 65
54) Dibenzofuran	10.12	168	1298024	42.28	nq	91
55) 4-Nitrophenol	10.01	139	325638	71.38	nq	97
56) 2,4-Dinitrotoluene	10.09	165	339571	47.97	nq	# 85
57) Fluorene	10.46	166	936286	39.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	286691	45.35	nq	94
59) Diethylphthalate	10.33	149	1007650	41.81	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	443188	37.49	nq	# 89
61) 4-Nitroaniline	10.47	138	224811	37.90	nq	93
62) Azobenzene	10.61	77	1127604	45.85	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	150375	41.46	nq	86
65) n-Nitrosodiphenylamine	10.56	169	779854	39.07	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	324015	45.79	nq	# 80
67) Hexachlorobenzene	11.00	284	303857	39.74	nq	# 75
68) Atrazine	11.10	200	284596	44.02	nq	89
69) Pentachlorophenol	11.19	266	351299	78.03	nq	96
70) Phenanthrene	11.41	178	1309875	38.29	nq	100
71) Anthracene	11.46	178	1495148	44.03	nq	100
72) Carbazole	11.61	167	1171944	38.04	nq	99
73) Di-n-butylphthalate	11.96	149	1594911	45.67	nq	99
74) Fluoranthene	12.60	202	1462361	45.13	nq	100
76) Benzidine	12.71	184	455956	38.45	nq	98
77) Pyrene	12.82	202	1503303	49.04	nq	99
79) Butylbenzylphthalate	13.44	149	568239	49.50	nq	# 85
80) Benzo(a)anthracene	14.00	228	1048576	44.39	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	247333	29.72	nq	# 98
82) Chrysene	14.05	228	1110905	47.53	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	756887	52.02	nq	# 91
84) Di-n-octyl phthalate	14.62	149	1172018	53.23	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1076512	50.29	nq	95
87) Benzo(b)fluoranthene	15.03	252	1126199m	49.09	nq	
88) Benzo(k)fluoranthene	15.07	252	715128m	37.07	nq	
89) Benzo(a)pyrene	15.39	252	875441	42.49	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	880142	46.19	nq	# 94
91) Benzo(g,h,i)perylene	17.27	276	920569	46.85	nq	98

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

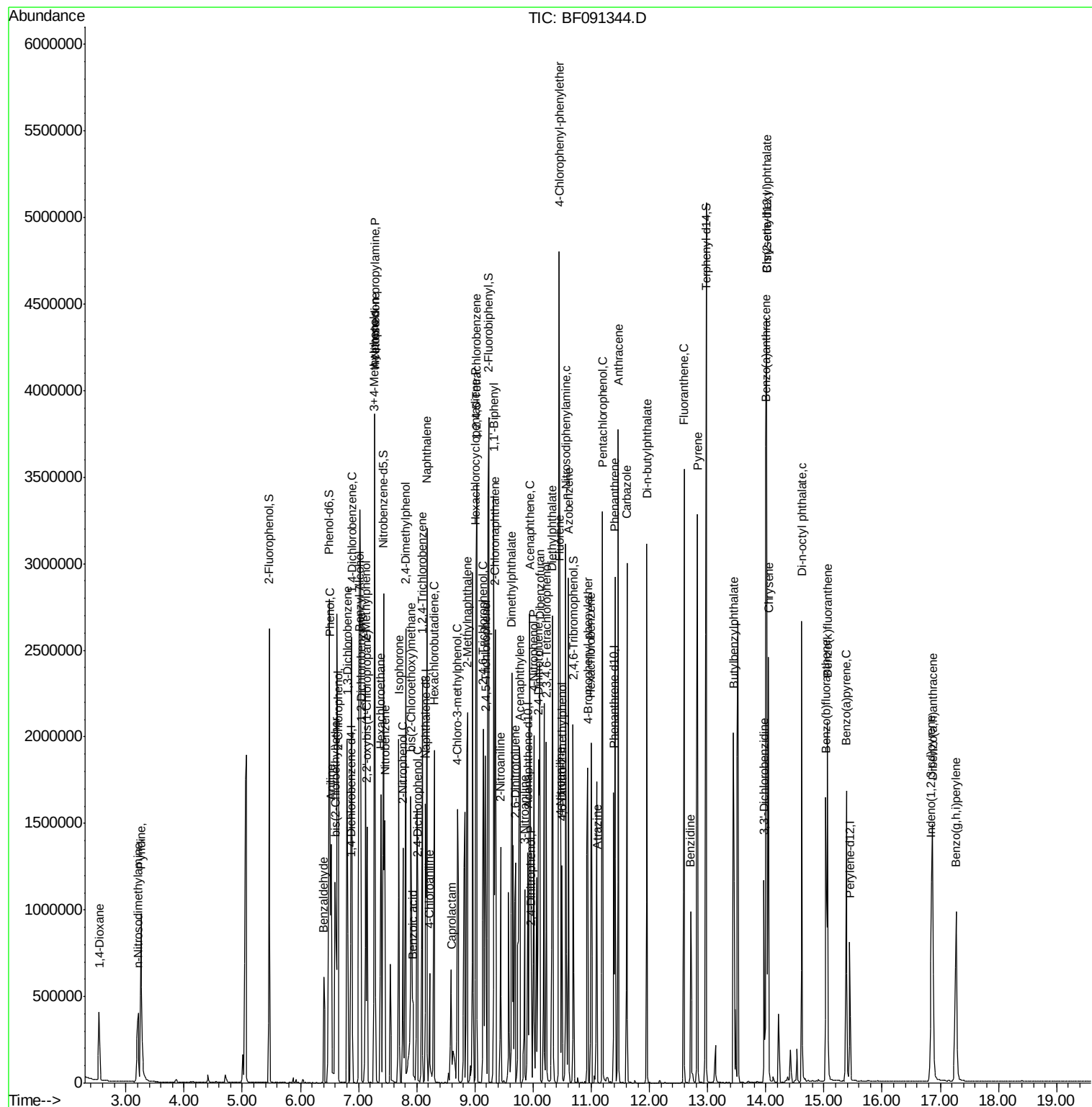
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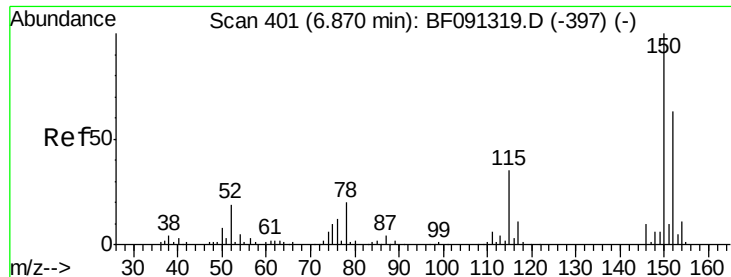
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

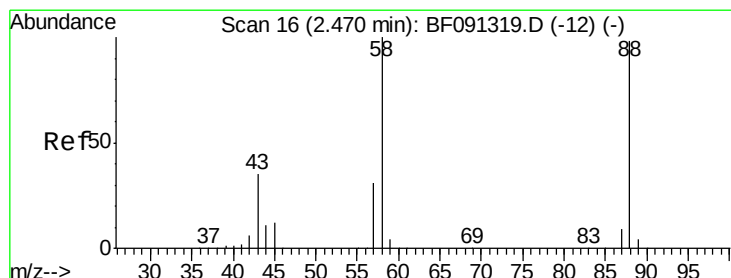
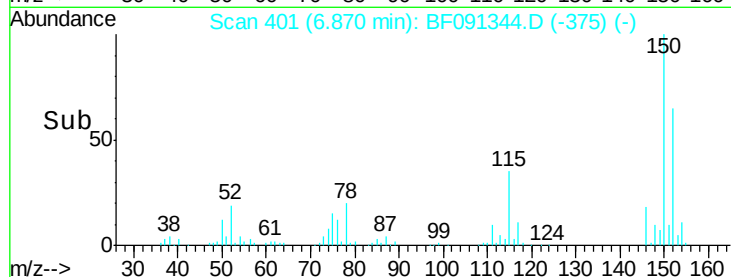
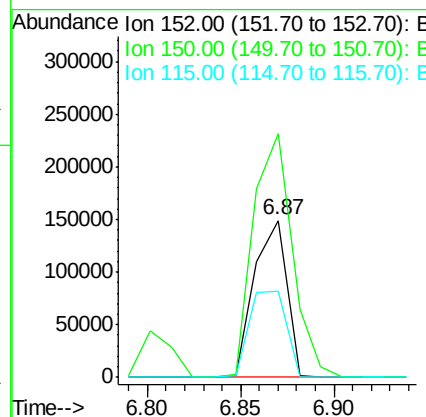
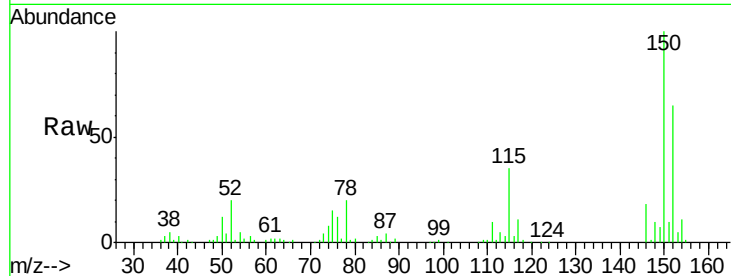
ClientSampleId :

PB94951BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.5	183.7
115	54.6	51.8	77.8

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#2

1,4-Dioxane

Concen: 32.27 ng

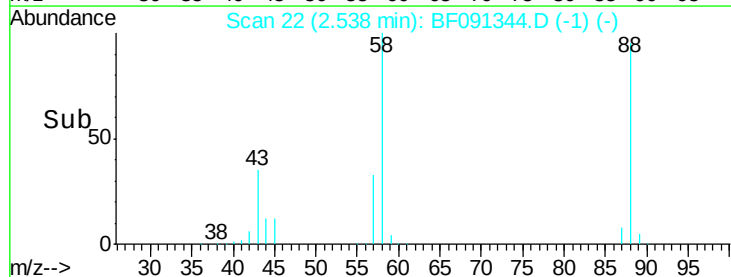
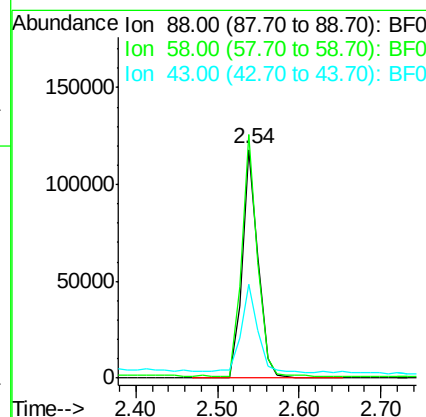
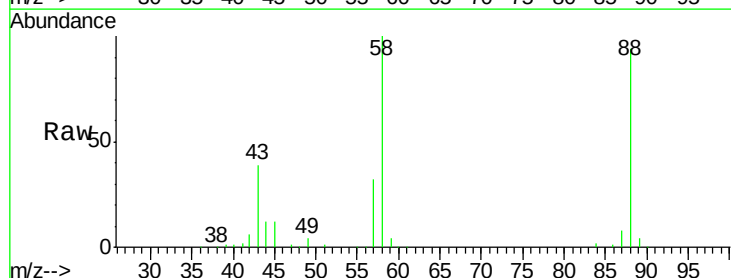
RT: 2.54 min Scan# 22

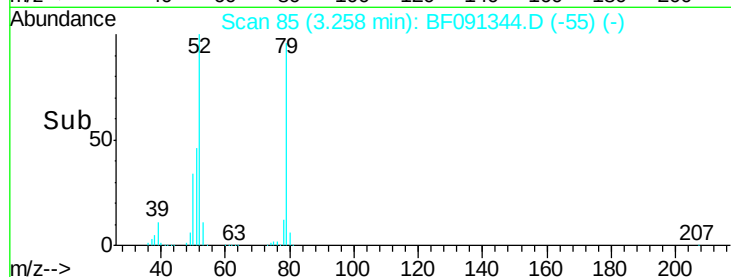
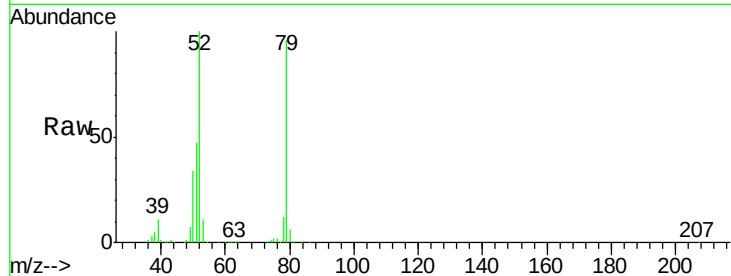
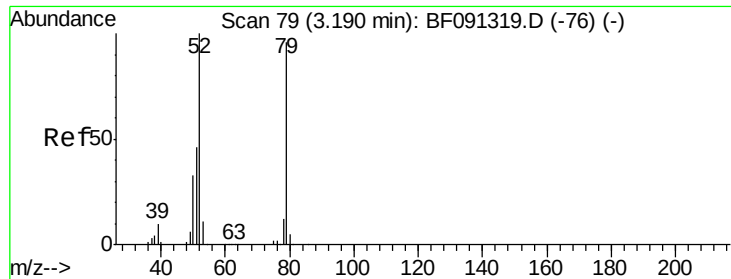
Delta R.T. 0.04 min

Lab File: BF091344.D

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Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.0	70.3	105.5
43	39.7	31.3	46.9





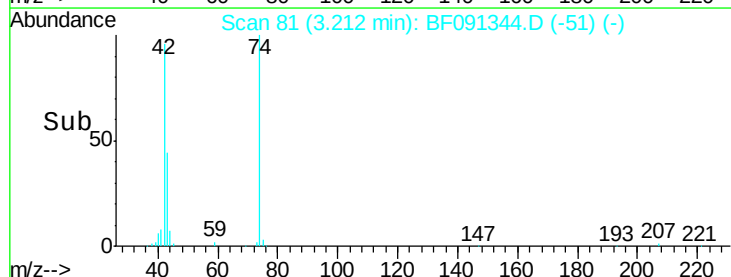
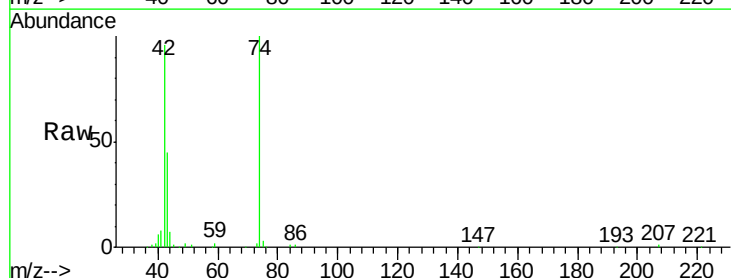
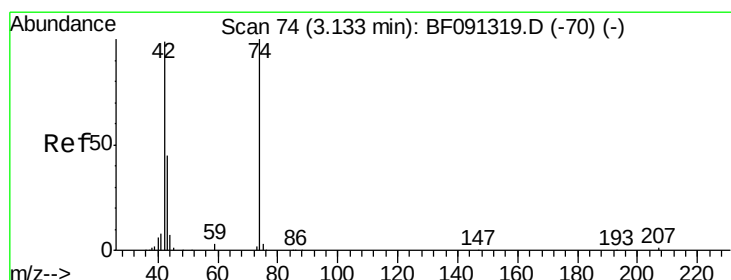
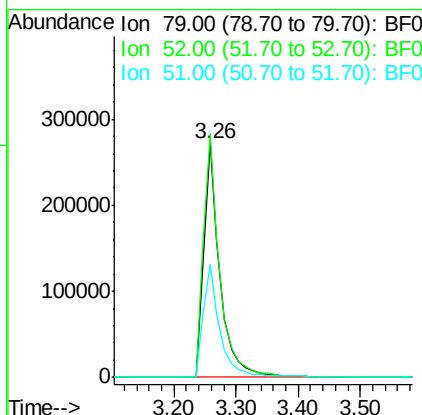
#3
 Pvridine
 Concen: 34.71 ng
 RT: 3.26 min Scan# 85
 Delta R.T. 0.04 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.9	71.0	106.4
51	48.4	37.0	55.4

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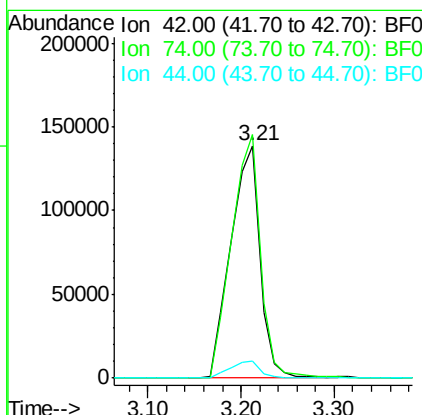
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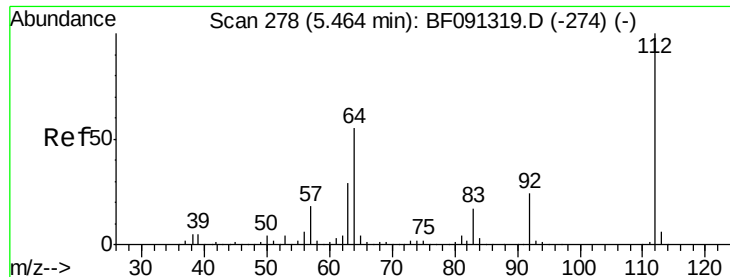
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#4
 n-Nitrosodimethylamine
 Concen: 41.16 ng
 RT: 3.21 min Scan# 81
 Delta R.T. 0.04 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.7	78.9	118.3
44	7.4	5.8	8.6





#5

2-Fluorophenol

Concen: 63.38 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

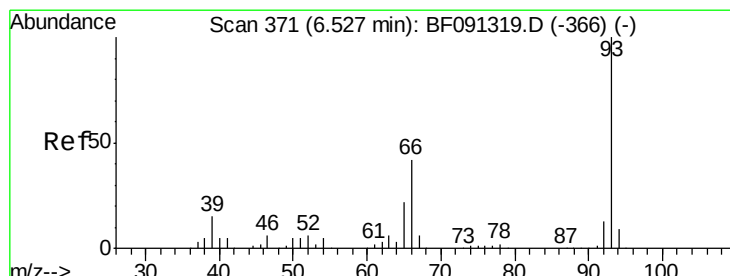
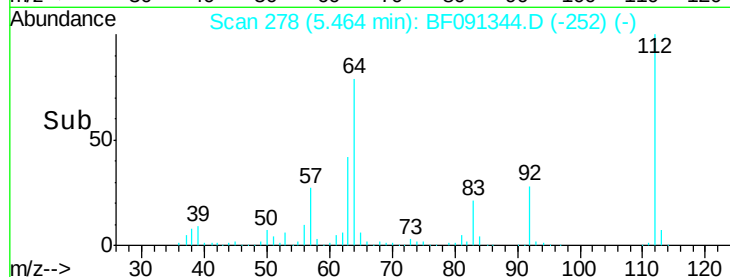
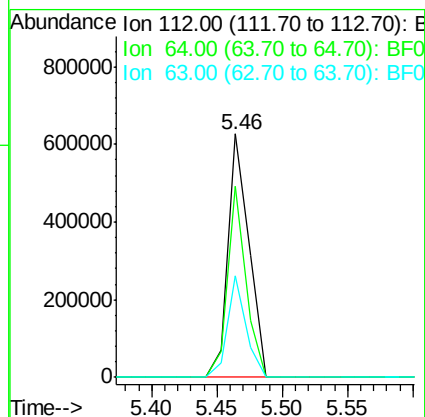
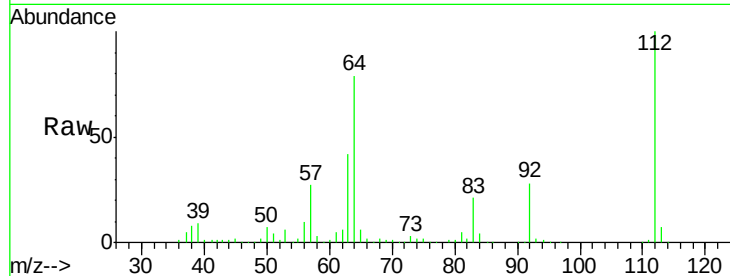
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
112	100			
64	78.6	61.5	92.3	
63	41.8	33.3	49.9	

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#6

Aniline

Concen: 32.75 ng

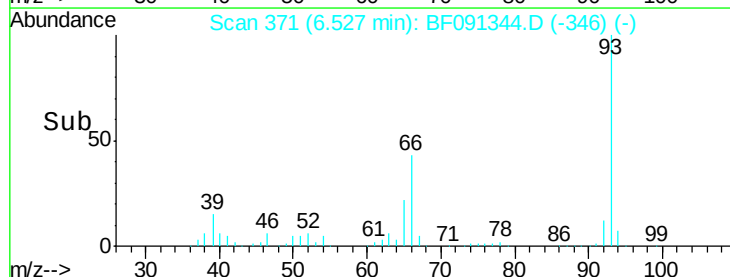
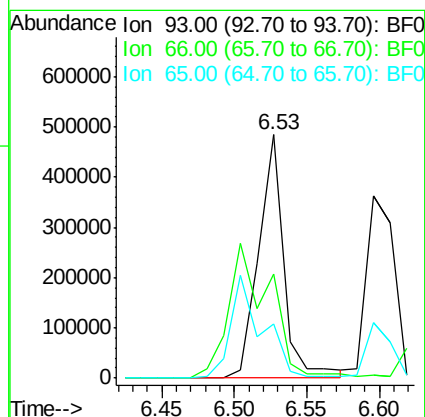
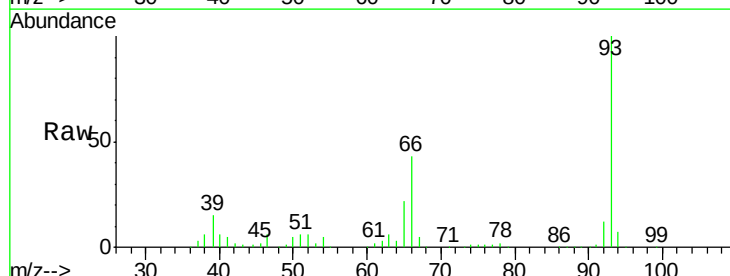
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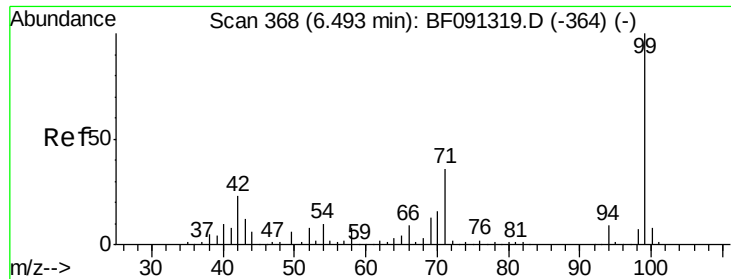
Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
93	100			
66	42.7	55.8	83.6#	
65	22.0	29.9	44.9#	





#7

Phenol-d6

Concen: 67.26 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

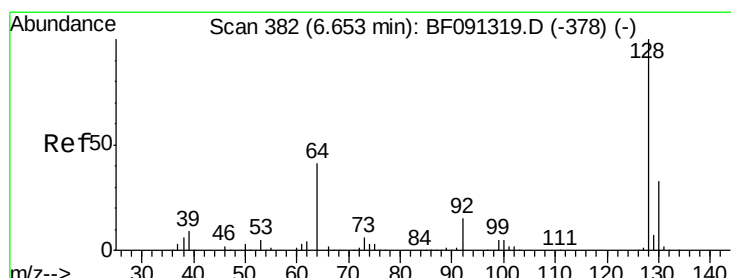
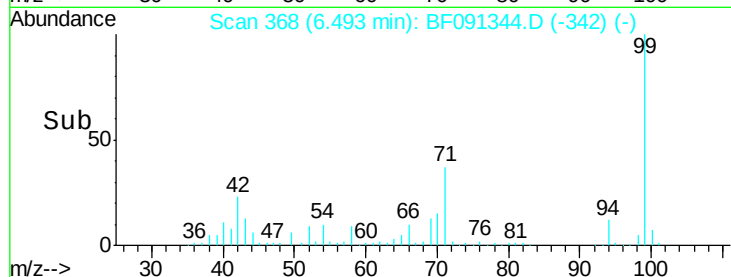
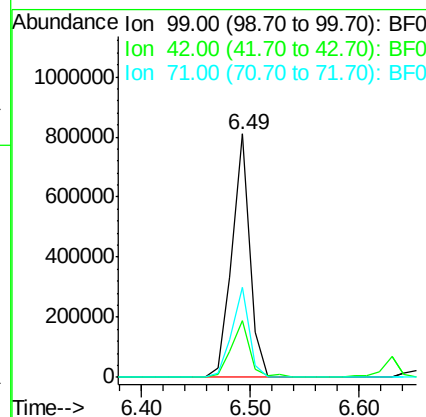
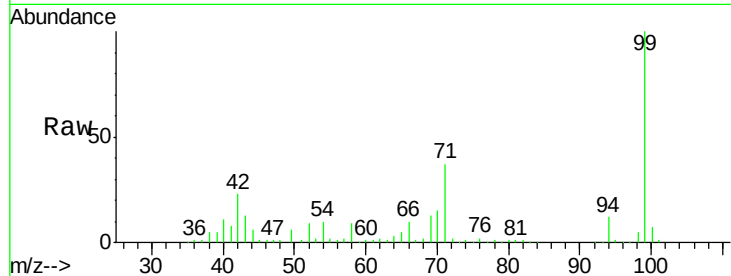
ClientSampled :

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Tot Ion:	99	Resp:	910337
Ion Ratio	Lower	Upper	
99	100		
42	23.5	20.6	31.0
71	36.9	29.9	44.9

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#8

2-Chlorophenol

Concen: 41.52 ng

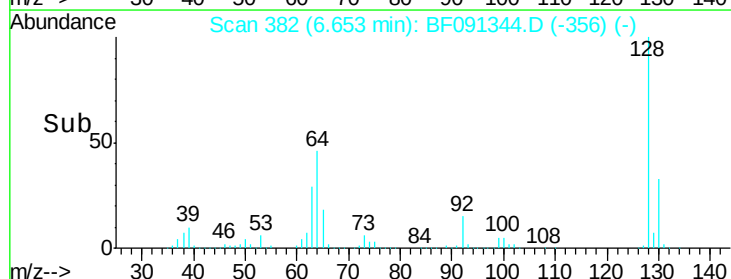
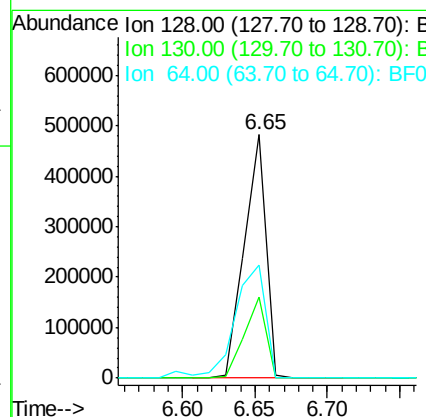
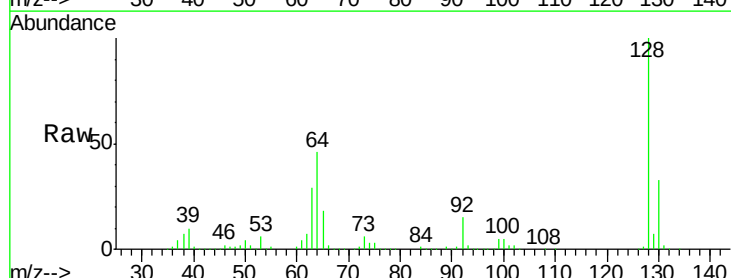
RT: 6.65 min Scan# 382

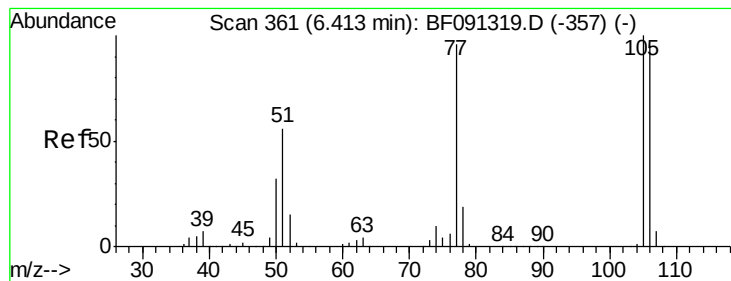
Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:	128	Resp:	500526
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.1	53.1
64	46.3	24.1	64.1





#9

Benzaldehyde

Concen: 16.36 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

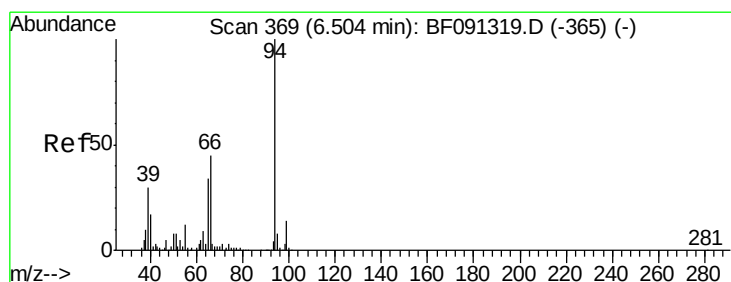
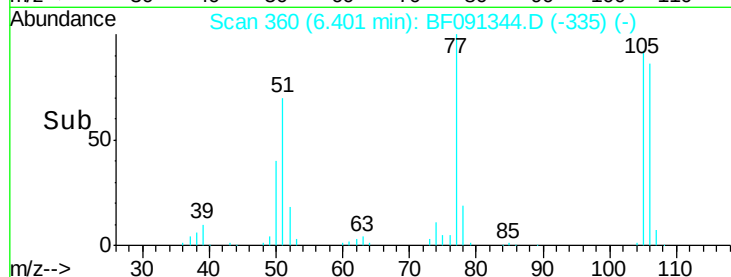
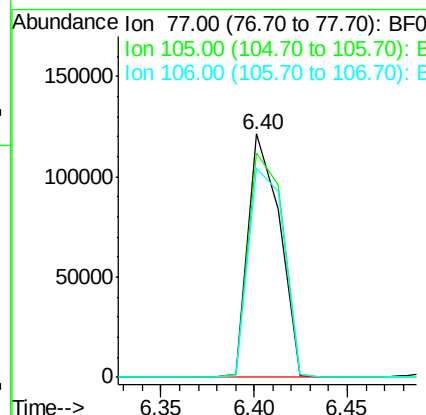
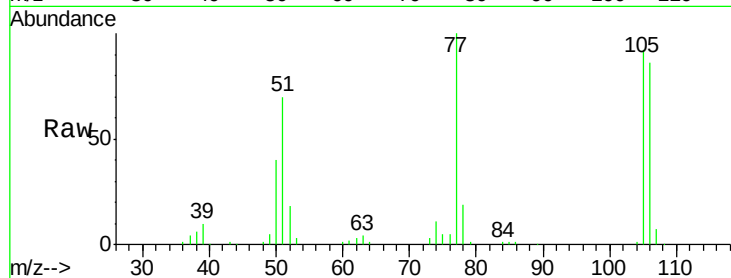
ClientSampleId :

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Tot Ion:	77	Resp:	142424
Ion Ratio	Lower	Upper	
77	100		
105	92.3	66.4	106.4
106	86.1	60.9	100.9

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#10

Phenol

Concen: 36.36 ng

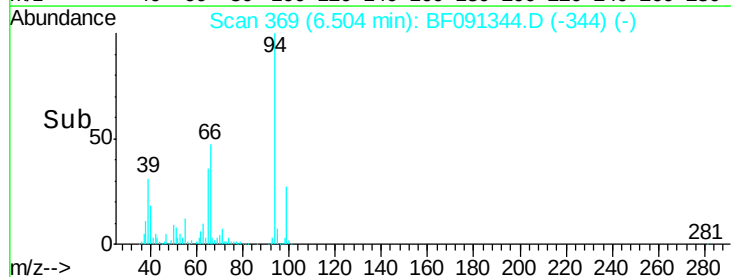
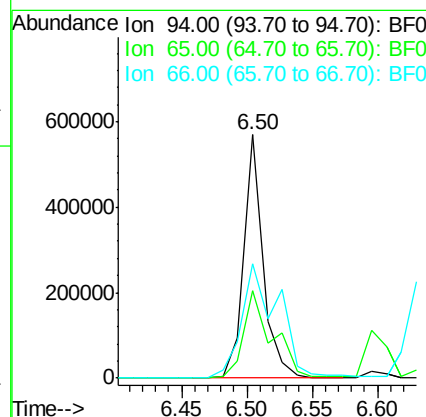
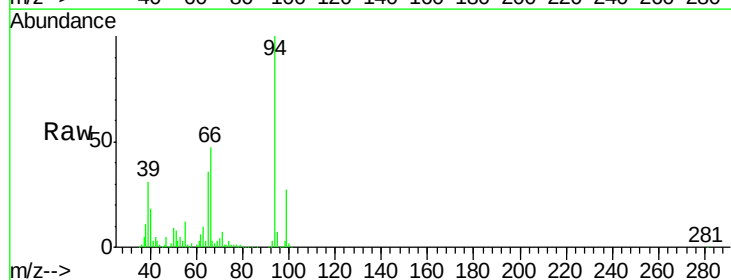
RT: 6.50 min Scan# 369

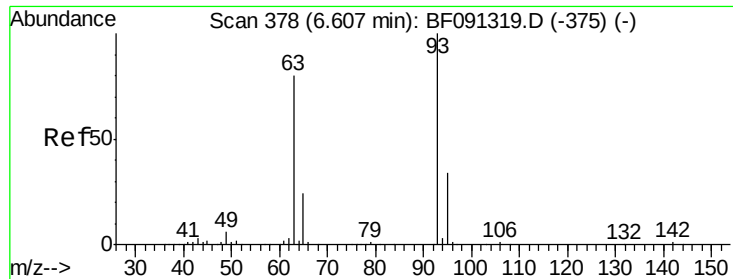
Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:	94	Resp:	579033
Ion Ratio	Lower	Upper	
94	100		
65	35.8	16.9	56.9
66	47.2	30.6	70.6





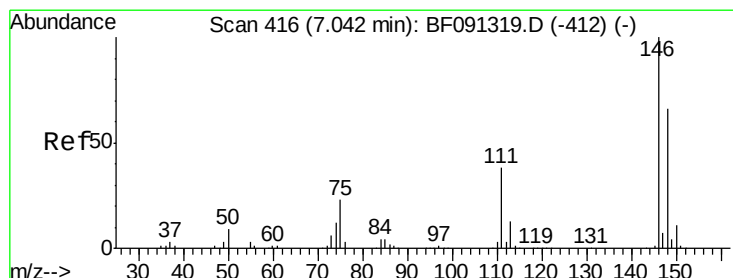
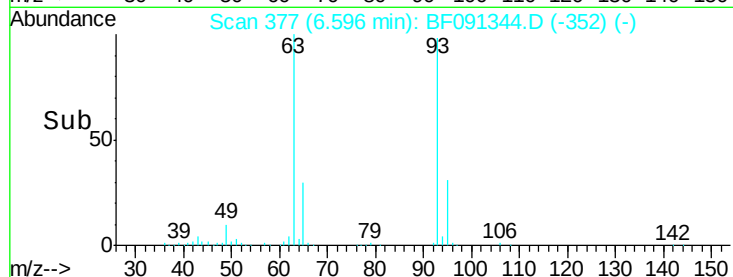
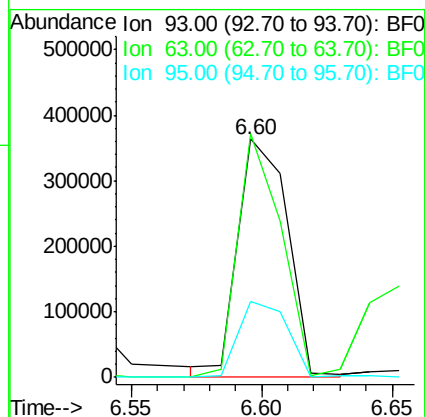
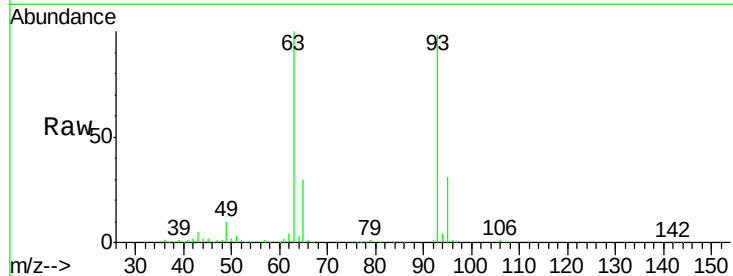
#11
bis(2-Chloroethyl)ether
Concen: 42.26 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	102.1	74.8	114.8
95	31.7	12.4	52.4

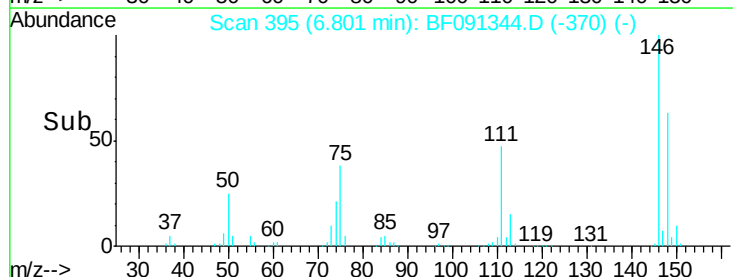
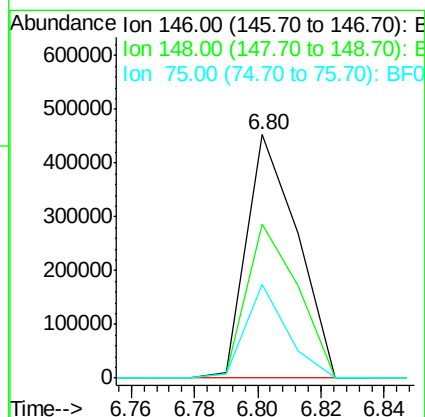
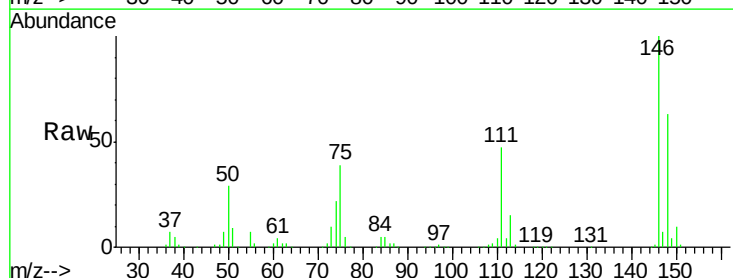
Manual Integrations
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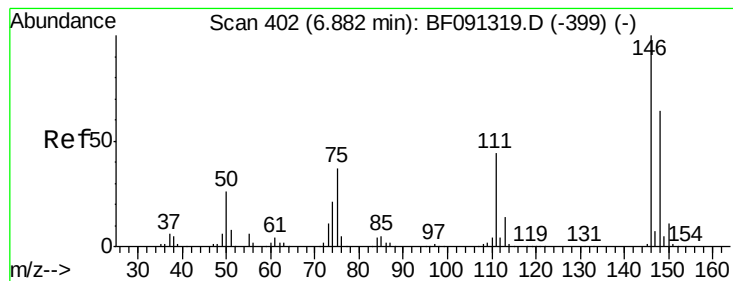
sohil
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#12
1,3-Dichlorobenzene
Concen: 37.56 ng m
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
75	38.8	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 38.14 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

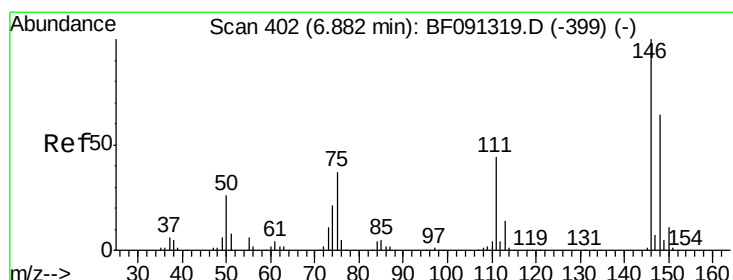
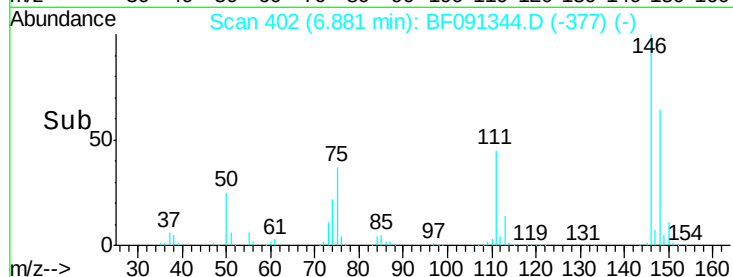
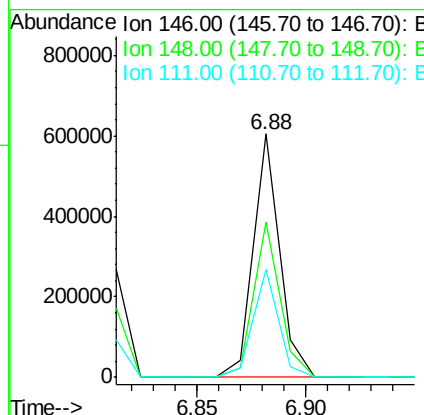
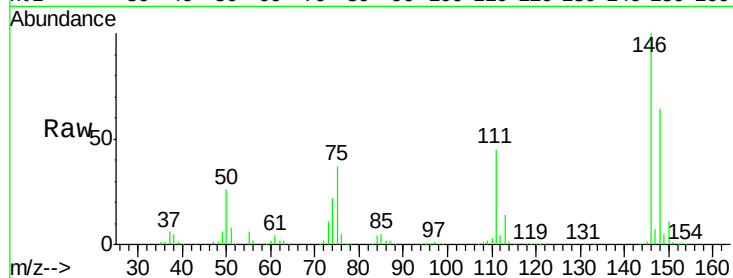
ClientSampleId :

PB94951BSD

Tot Ion:	146	Resp:	508713
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
111	44.5	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 40.32 ng m

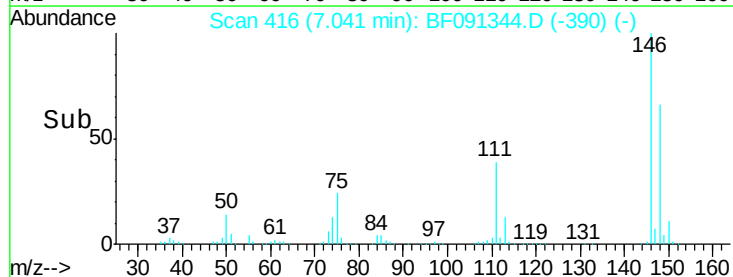
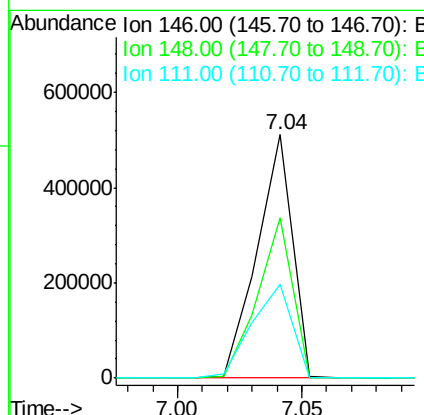
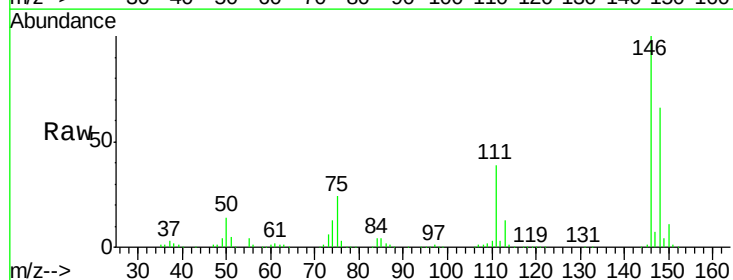
RT: 7.04 min Scan# 416

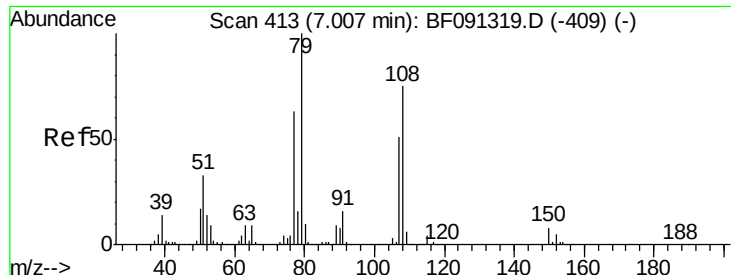
Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:	146	Resp:	500945
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.0	76.6
111	38.7	38.9	58.3#





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

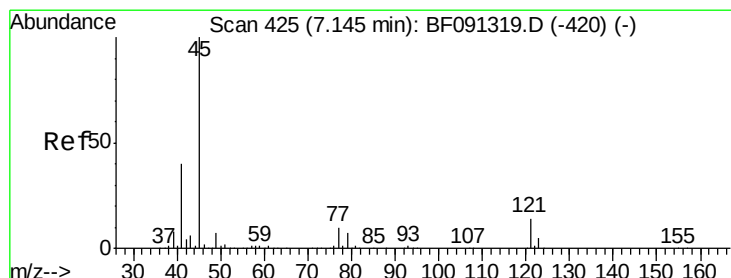
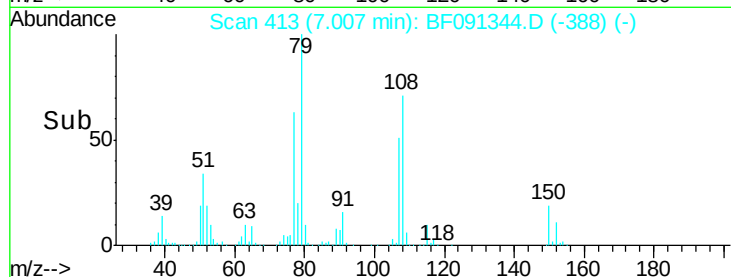
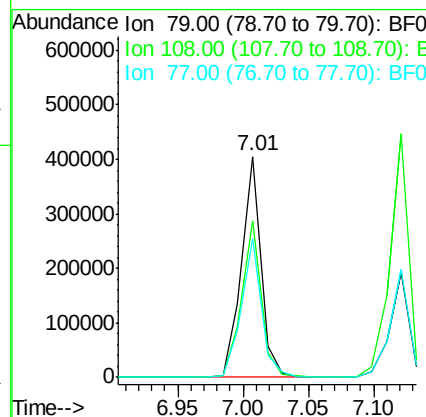
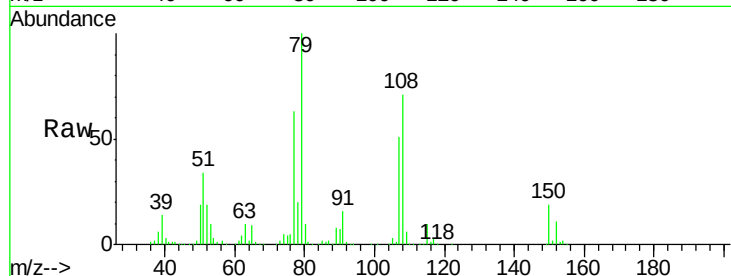
ClientSampleId :

PB94951BSD

Tot Ion:	79	Resp:	420701
Ion Ratio	Lower	Upper	
79	100		
108	70.8	62.7	94.1
77	62.8	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.14 ng

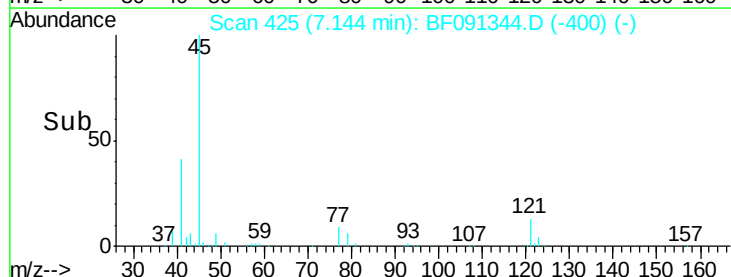
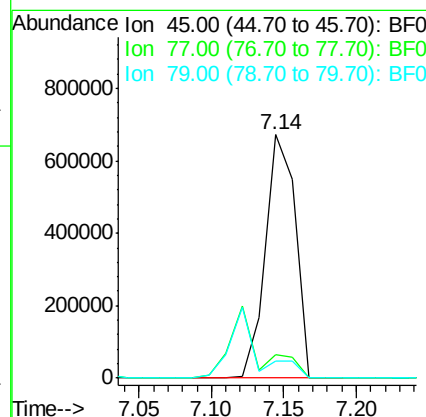
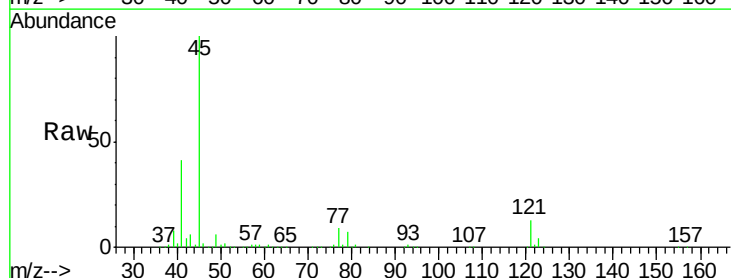
RT: 7.14 min Scan# 425

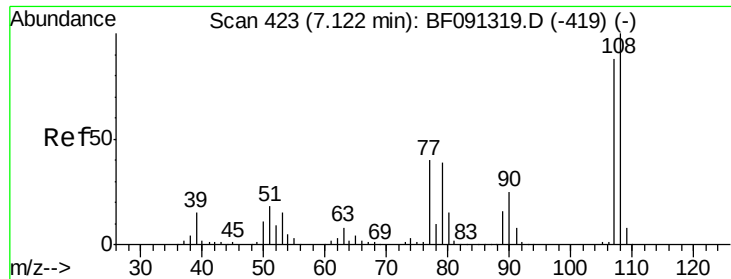
Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:	45	Resp:	957738
Ion Ratio	Lower	Upper	
45	100		
77	9.4	3.8	43.8
79	7.0	0.2	40.2





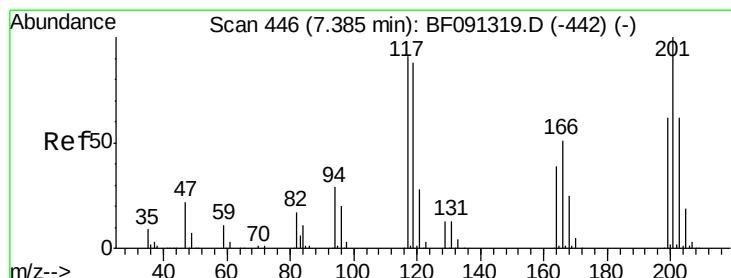
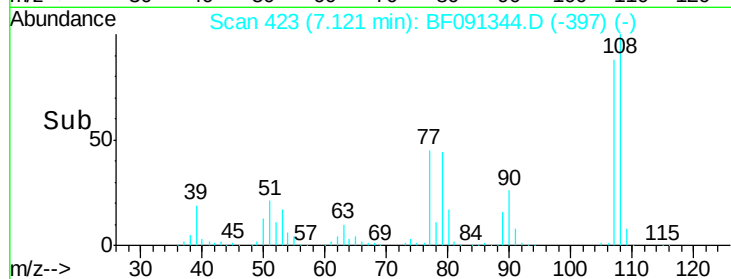
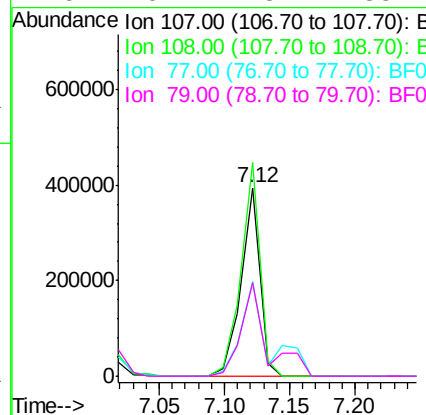
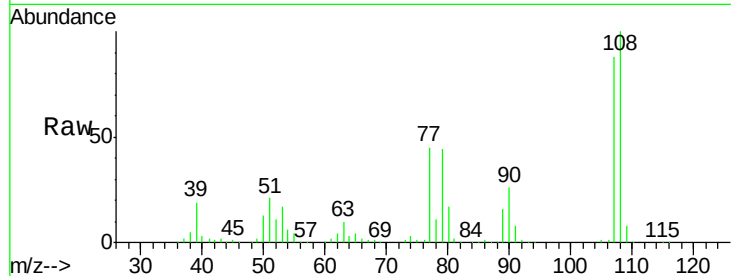
#17
2-Methylphenol
Concen: 41.04 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	67.7	101.5#	
77	50.6	40.7	61.1	
79	49.4	23.4	35.2#	

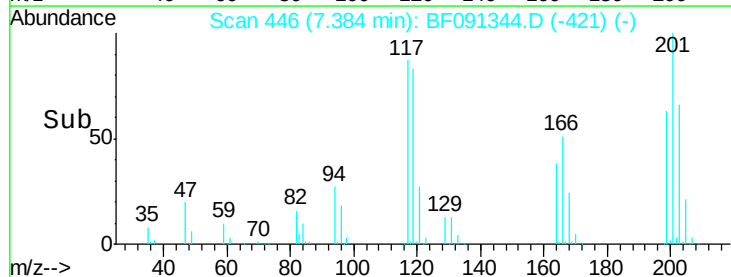
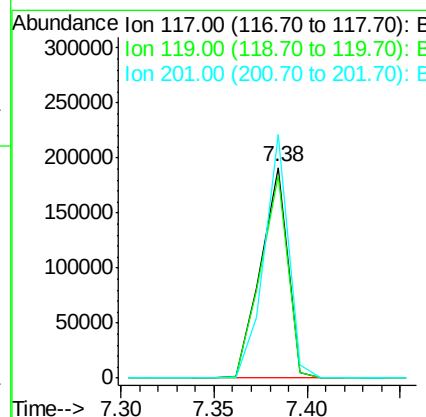
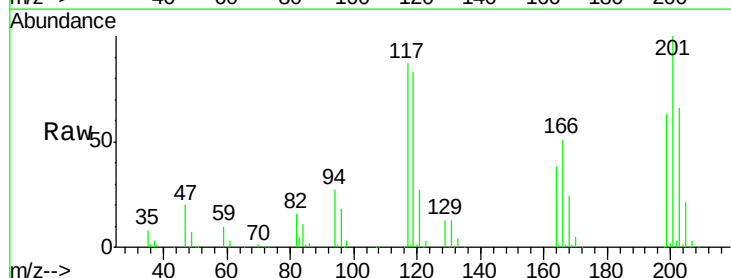
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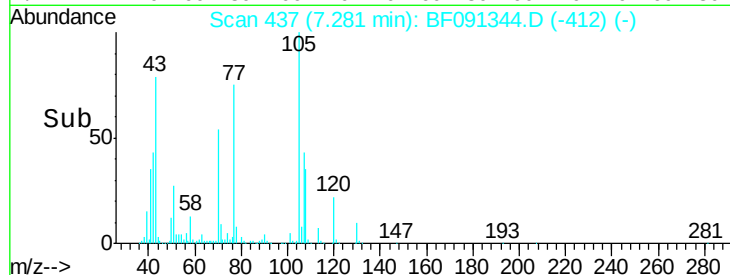
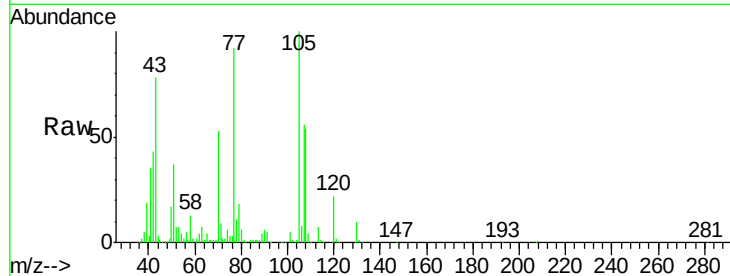
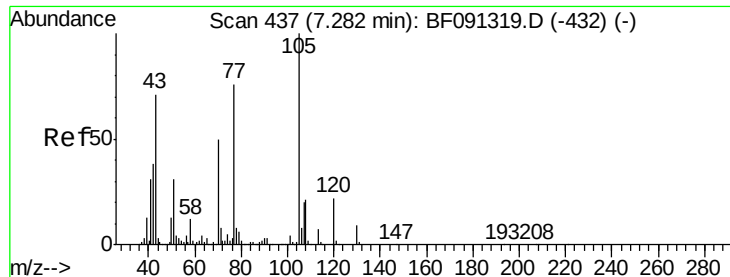
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#18
Hexachloroethane
Concen: 40.44 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.6	118.0	
201	115.5	86.7	130.1	





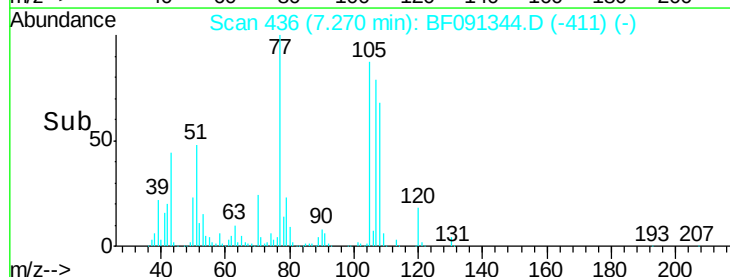
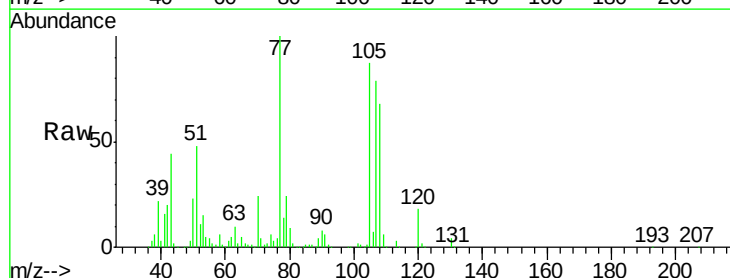
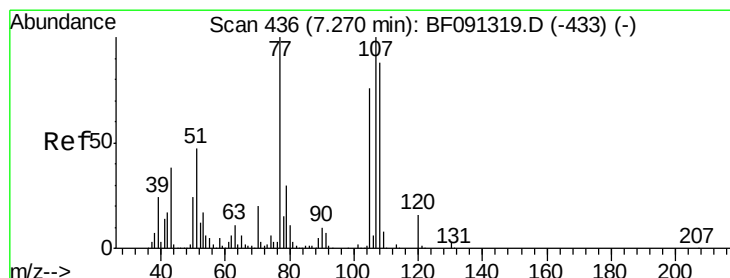
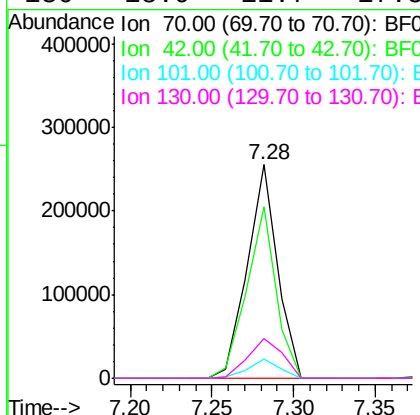
#19
n-Nitroso-di-n-propylamine
Concen: 38.45 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.2	64.8	97.2
101	8.8	6.2	9.4
130	18.9	11.7	17.5#

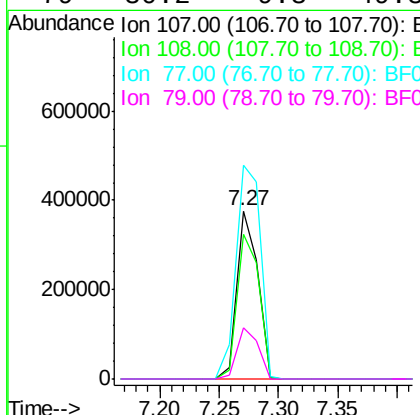
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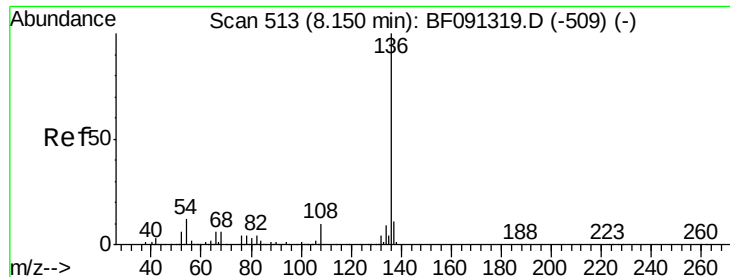
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#20
3+4-Methylphenols
Concen: 39.74 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	64.6	104.6
77	127.1	30.9	70.9#
79	30.2	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

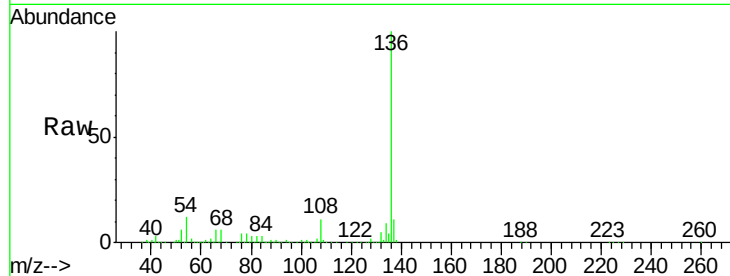
ClientSampleId :

PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	709204		
137	11.2		9.1	13.7
54	11.7		9.1	13.7
68	5.6		5.9	8.9#

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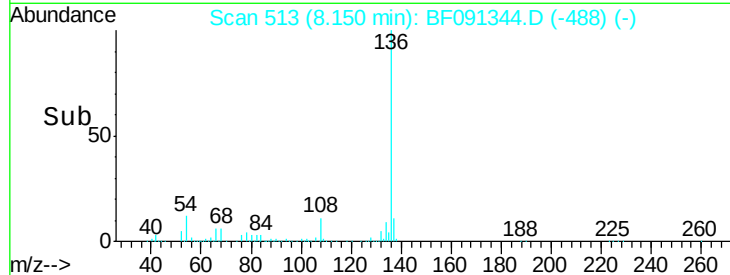
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

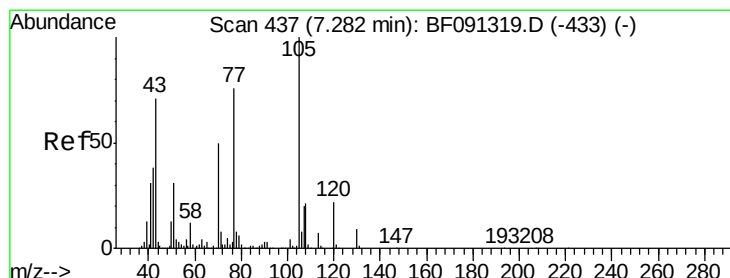
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 39.86 ng

RT: 7.28 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	669999		
71	8.9		7.9	11.9
51	37.1		24.5	36.7#
120	21.8		16.6	24.8

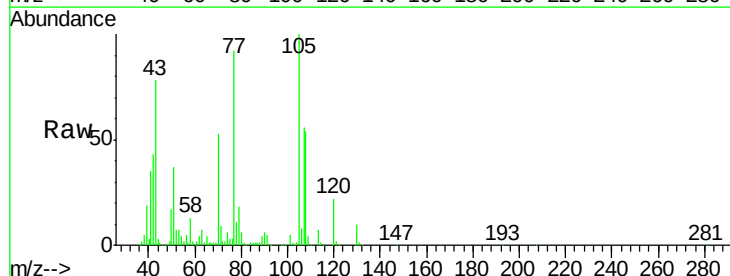
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

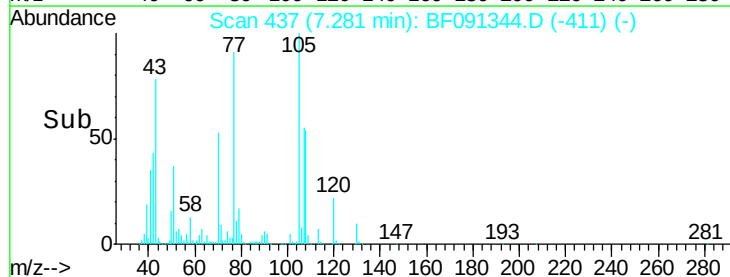
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

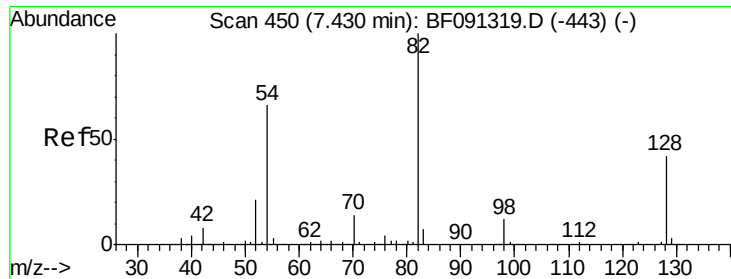
Time-->



Time-->



Time-->



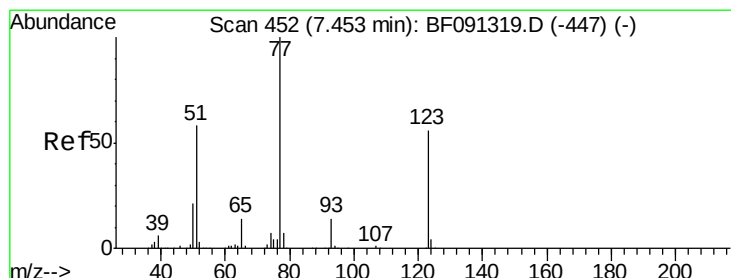
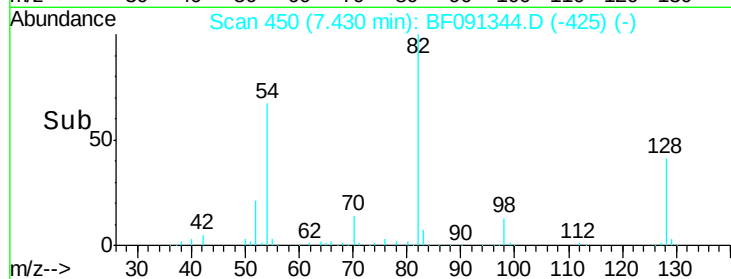
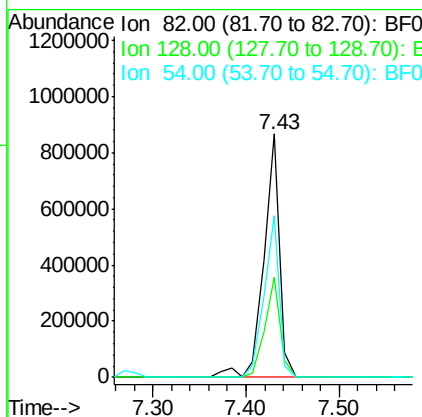
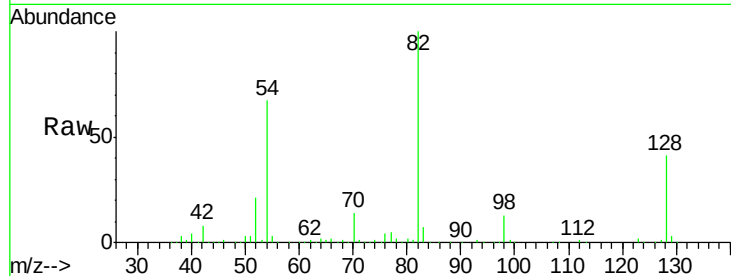
#23
 Nitrobenzene-d5
 Concen: 80.34 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	82	Resp	1016734
Ion Ratio	100	Lower	Upper
128	41.4	31.8	47.6
54	66.6	49.1	73.7

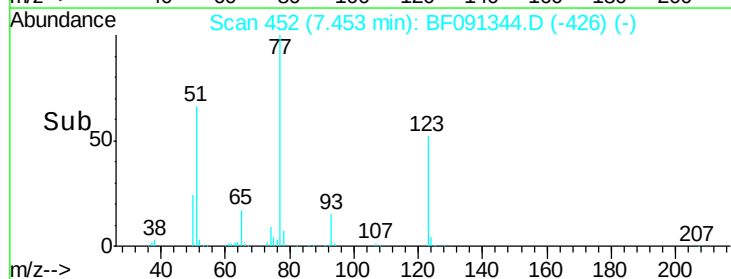
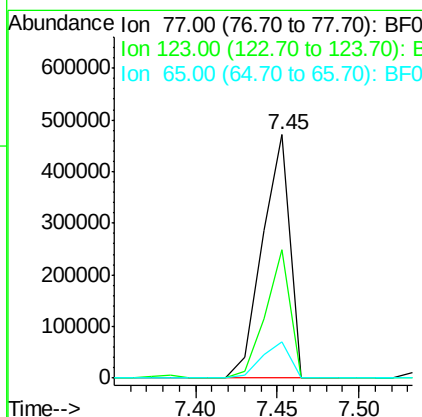
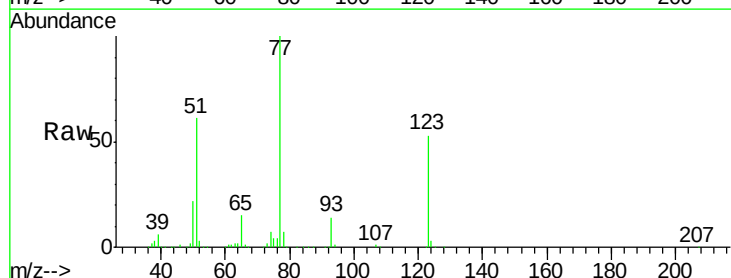
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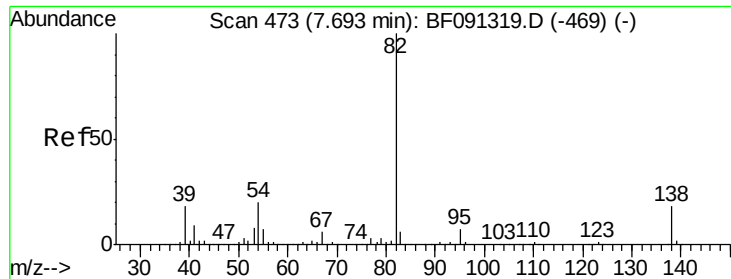
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#24
 Nitrobenzene
 Concen: 42.45 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	77	Resp	550044
Ion Ratio	100	Lower	Upper
123	52.8	28.5	42.7#
65	15.0	12.5	18.7





#25

Isophorone

Concen: 43.01 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

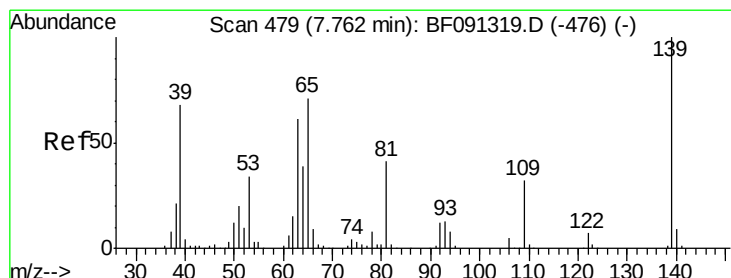
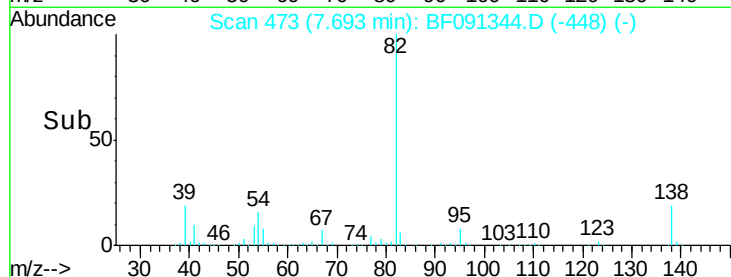
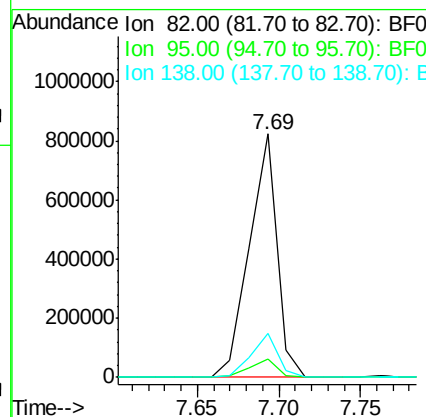
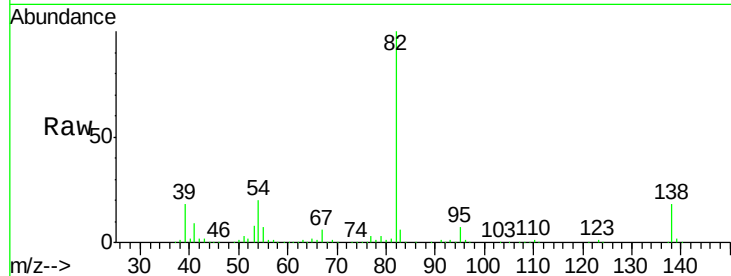
ClientSampled :

PB94951BSD

Tot Ion:	82	Resp:	964313
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	17.9	13.4	20.0

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#26

2-Nitrophenol

Concen: 39.76 ng

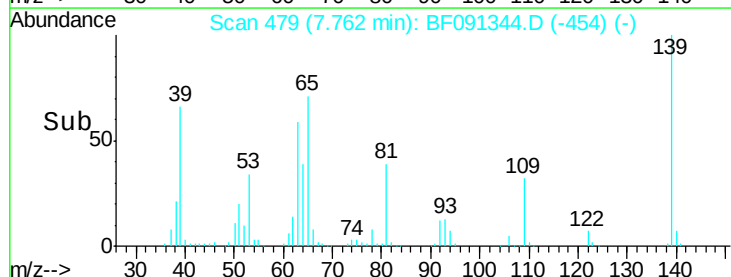
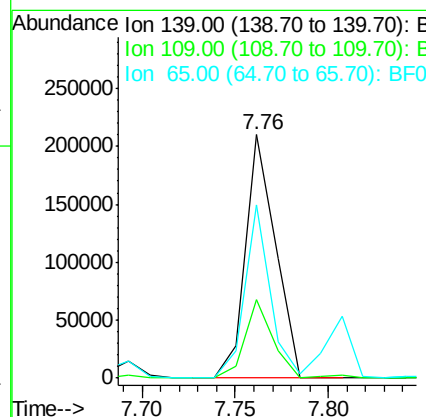
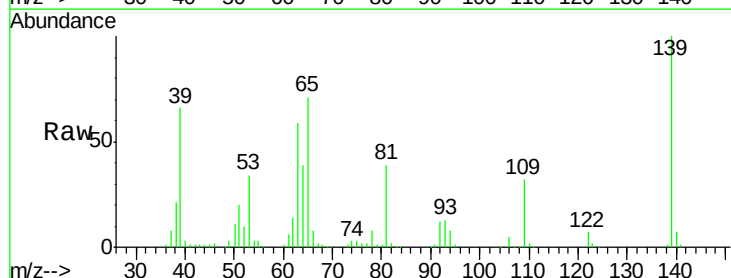
RT: 7.76 min Scan# 479

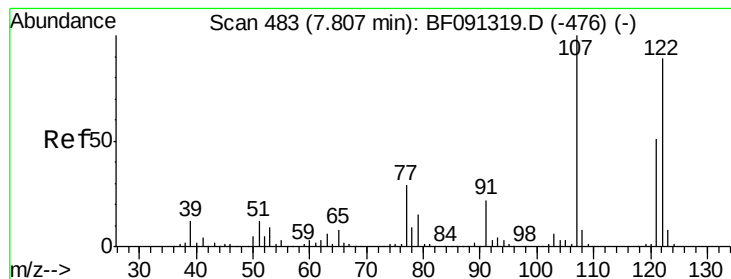
Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:	139	Resp:	234792
Ion Ratio	Lower	Upper	
139	100		
109	32.3	25.3	37.9
65	71.1	55.4	83.2





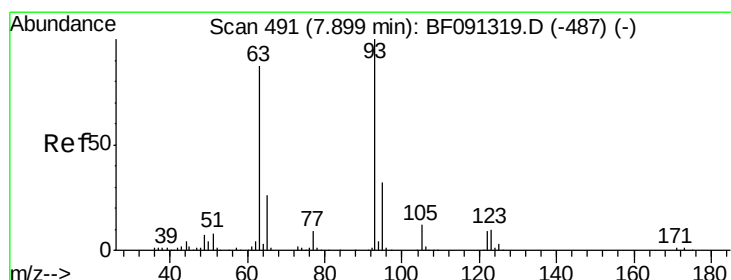
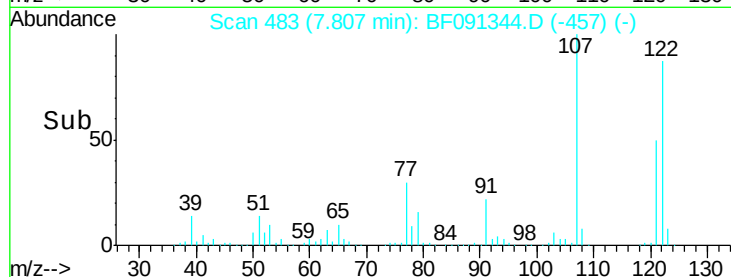
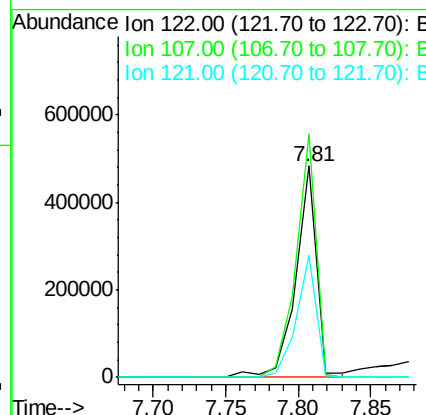
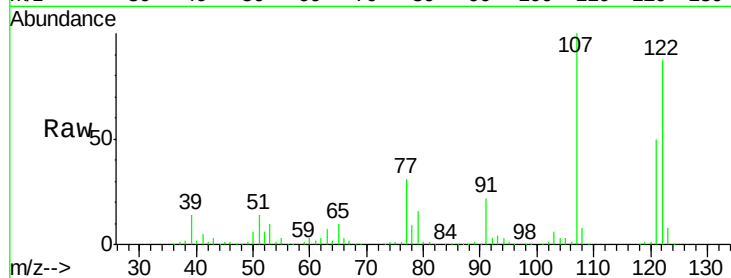
#27
 2,4-Dimethylphenol
 Concen: 43.52 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	480762		
107	115.3	96.8	145.2	
121	57.8	47.7	71.5	

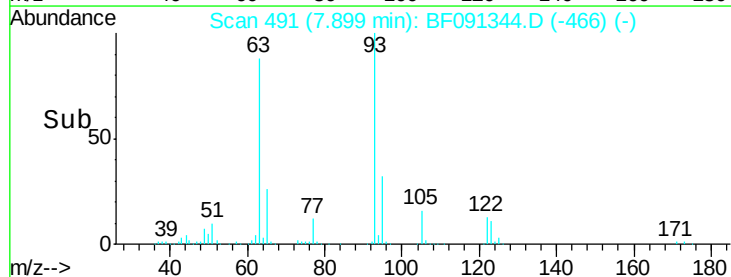
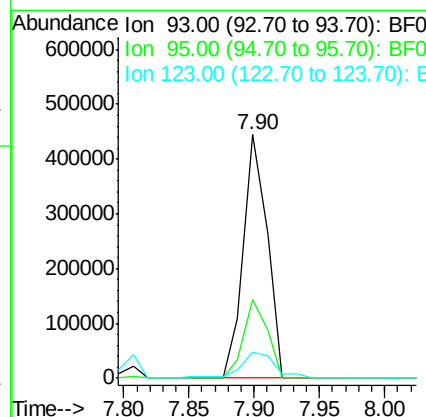
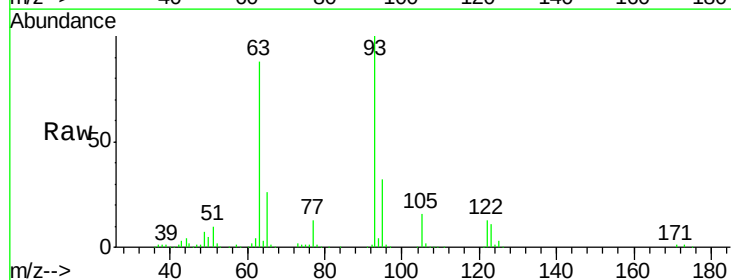
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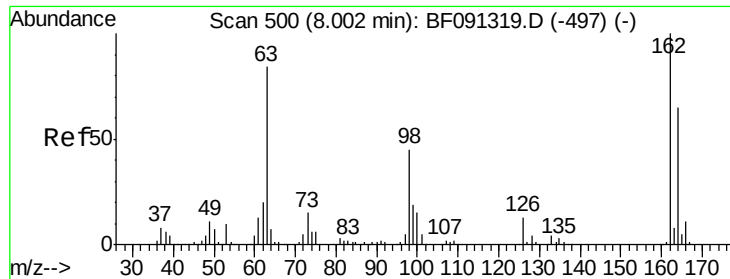
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.63 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	561797		
95	32.1	26.0	39.0	
123	10.7	8.6	12.8	





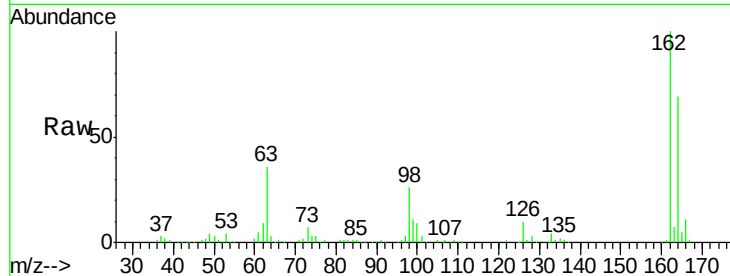
#29
2,4-Dichlorophenol
Concen: 41.55 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

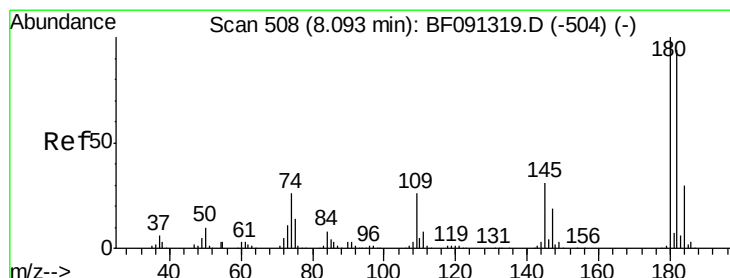
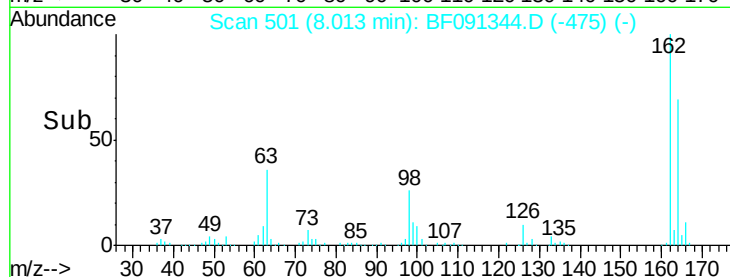
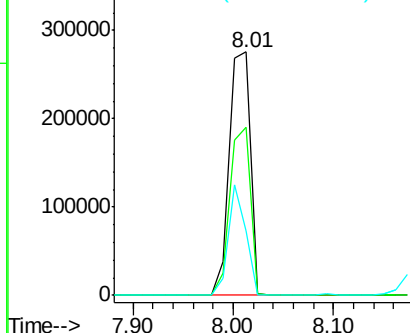
Tot Ion	Ratio	Resp	Lower	Upper
162	100	403699		
164	68.8	45.0	85.0	
98	26.4	21.3	61.3	

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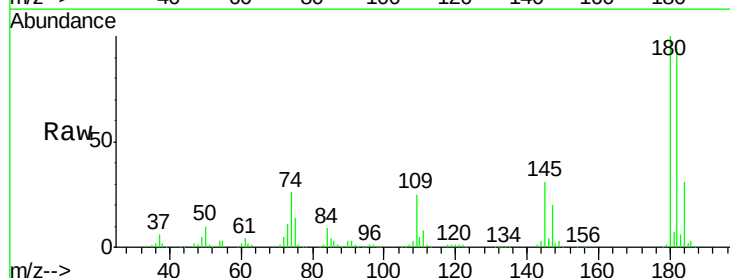


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

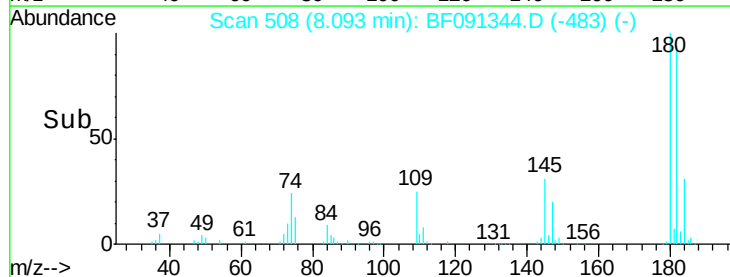
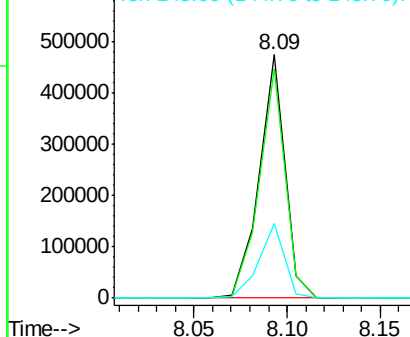


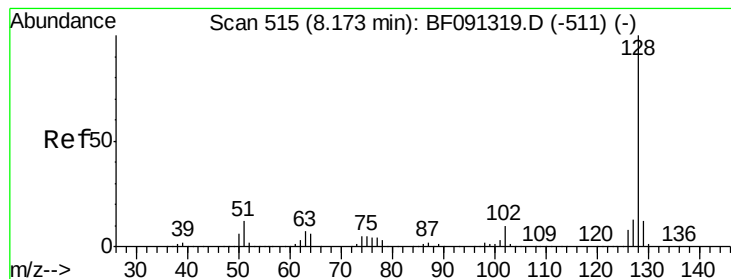
#30
1,2,4-Trichlorobenzene
Concen: 41.44 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	451420		
182	94.2	75.8	113.8	
145	30.6	27.0	40.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.94 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB94951BSD

Tot Ion:128 Resp: 1346152

Ion Ratio Lower Upper

128 100

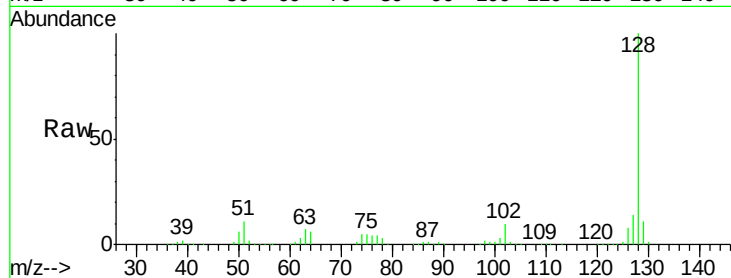
129 11.3 9.1 13.7

127 13.5 11.0 16.4

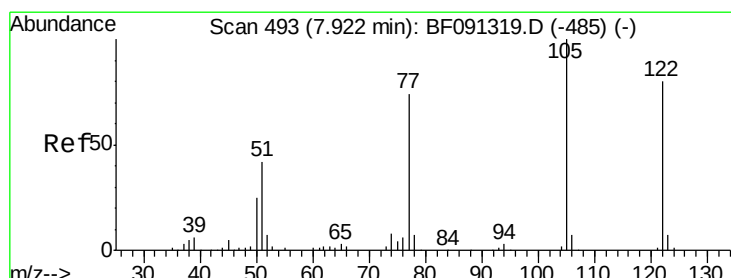
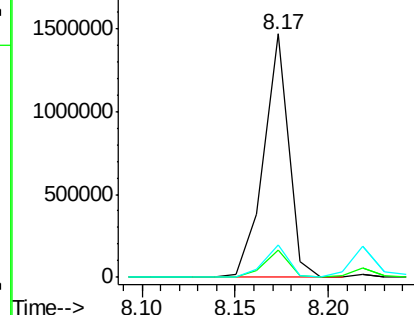
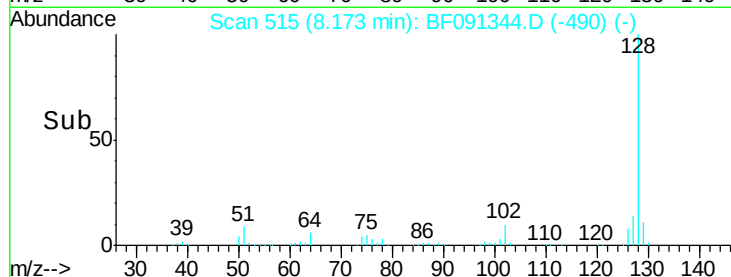
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.35 ng

RT: 7.93 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

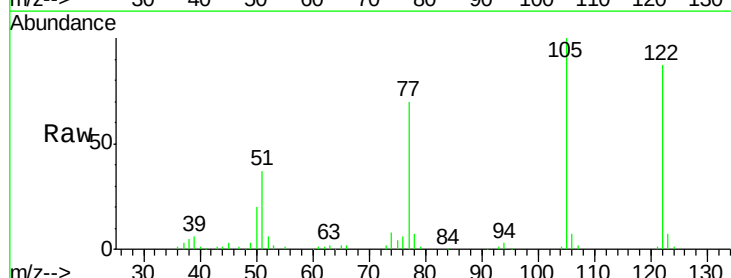
Tgt Ion:122 Resp: 336645

Ion Ratio Lower Upper

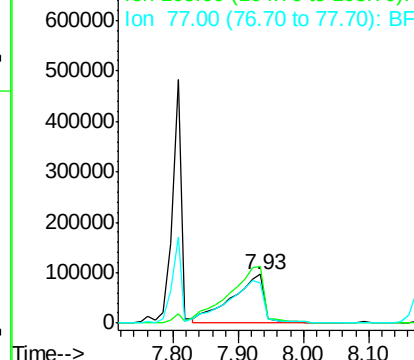
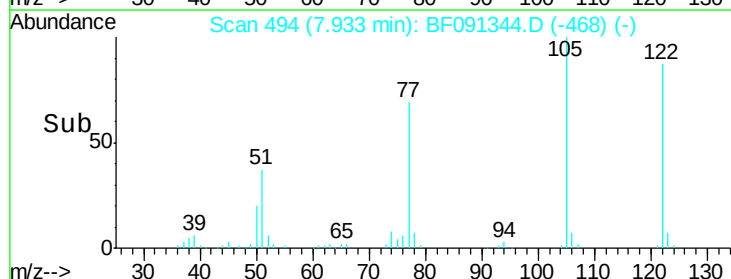
122 100

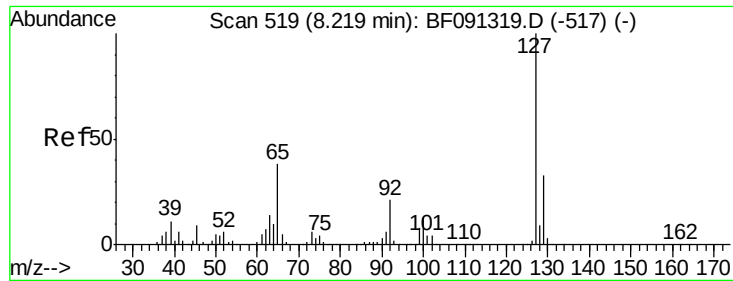
105 115.4 113.0 153.0

77 81.1 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





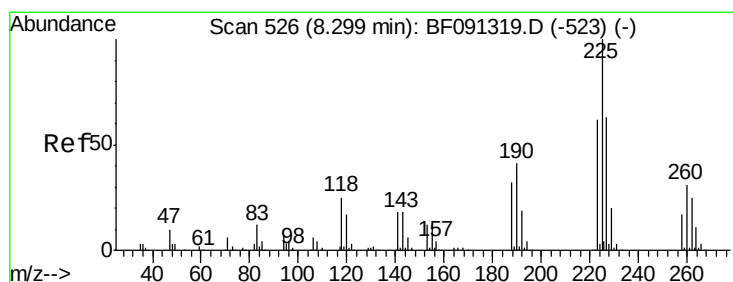
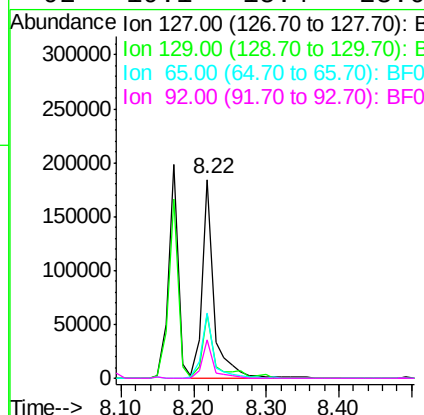
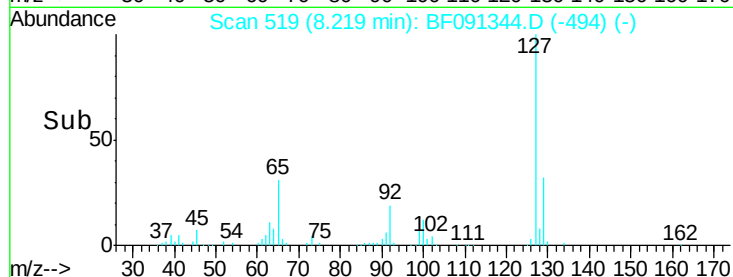
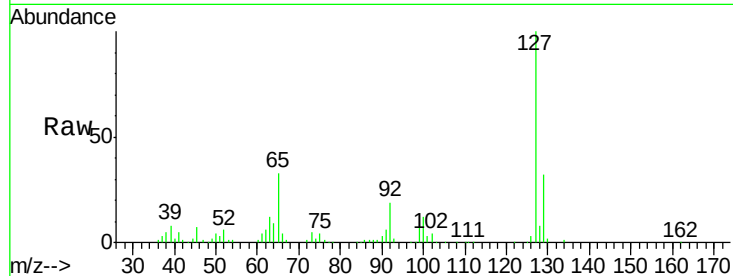
#33
4-Chloroaniline
Concen: 14.47 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		26.2	39.4	
65	32.9		26.6	39.8	
92	19.1		15.4	23.0	

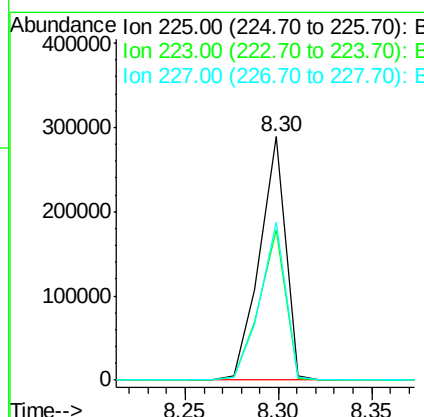
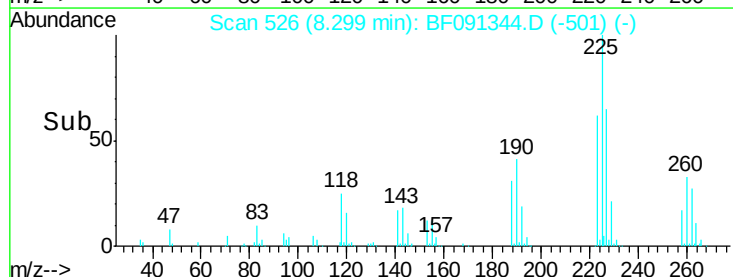
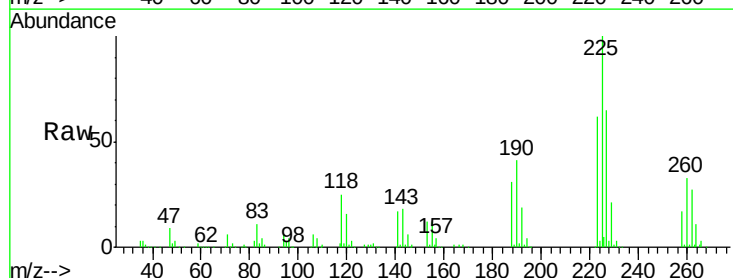
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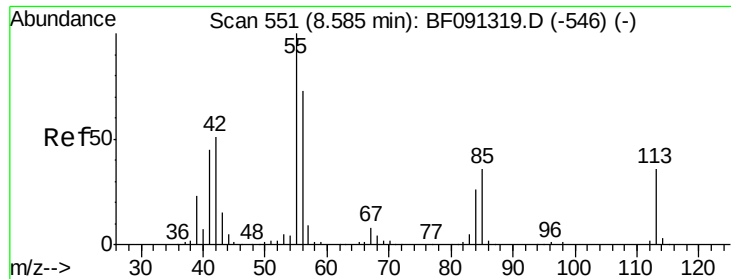
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#34
Hexachlorobutadiene
Concen: 41.53 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8		49.8	74.6	
227	64.7		52.6	79.0	





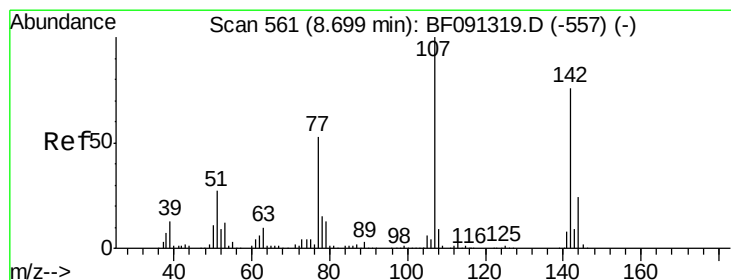
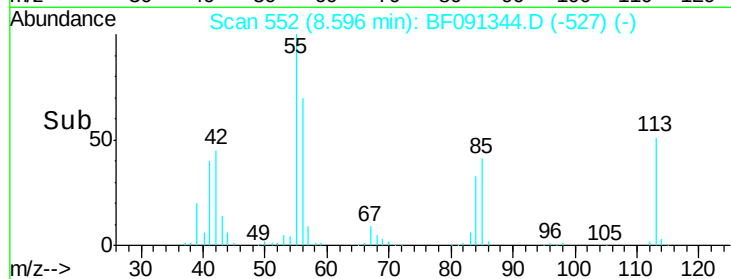
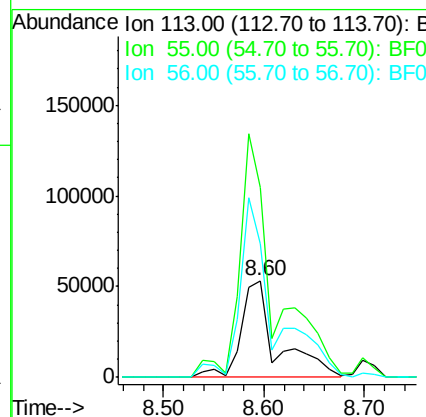
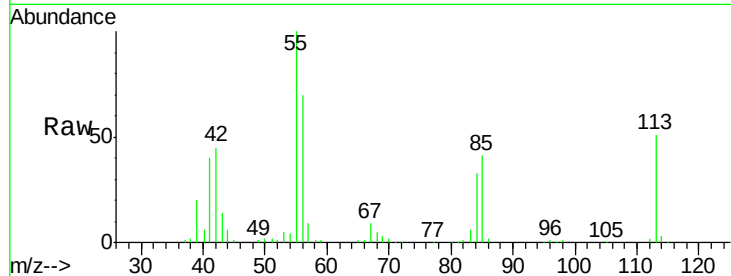
#35
 Caprolactam
 Concen: 46.90 ng/ml
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.2	239.8	279.8#
56	138.4	165.6	205.6#

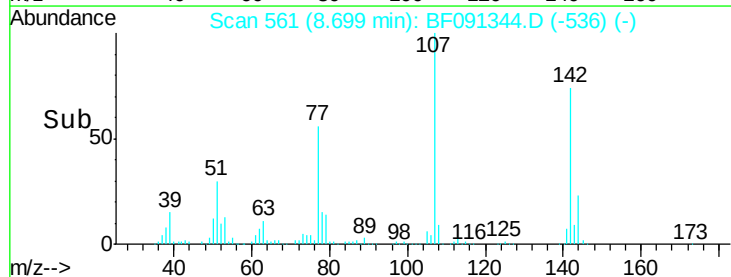
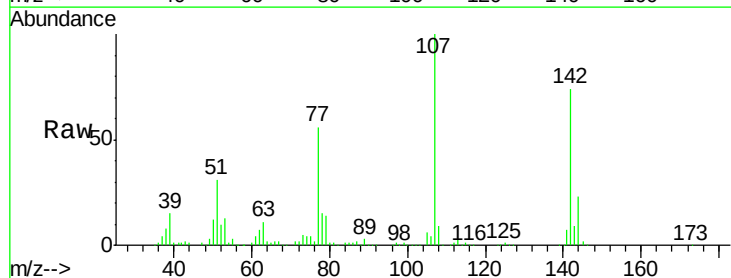
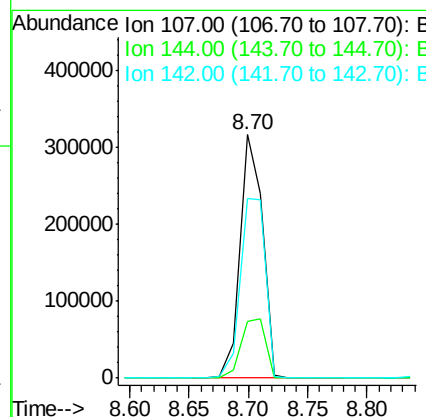
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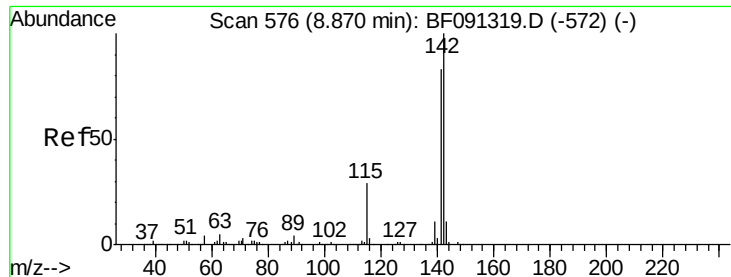
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#36
 4-Chloro-3-methylphenol
 Concen: 39.88 ng/ml
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.9	28.3
142	73.8	58.5	87.7





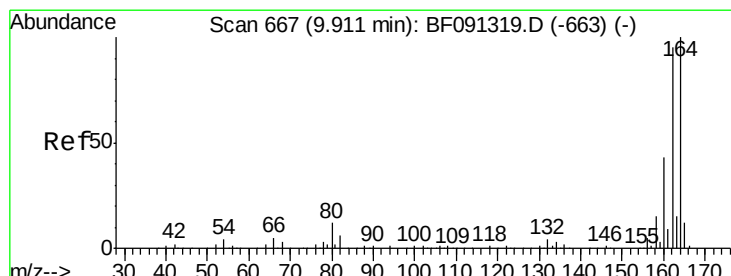
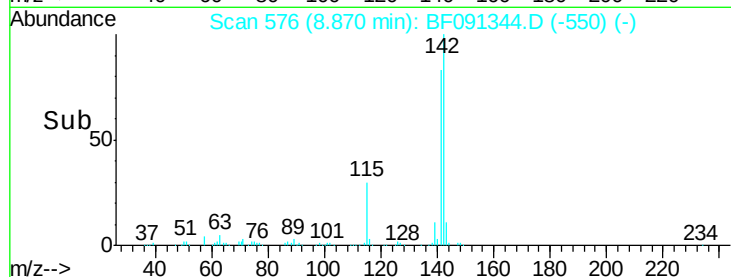
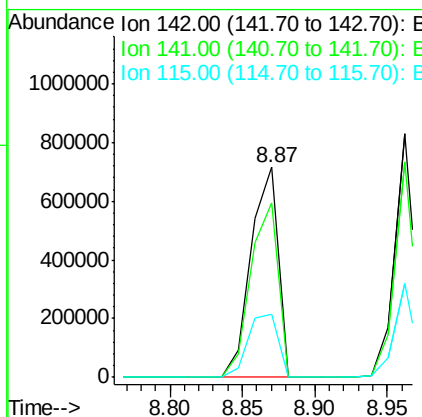
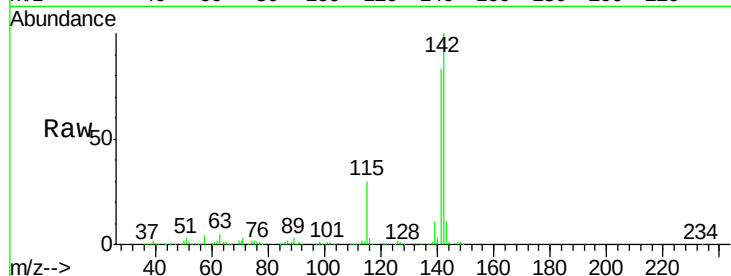
#37
2-Methylnaphthalene
Concen: 40.58 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampled :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.2	71.7	107.5
115	29.9	25.0	37.6

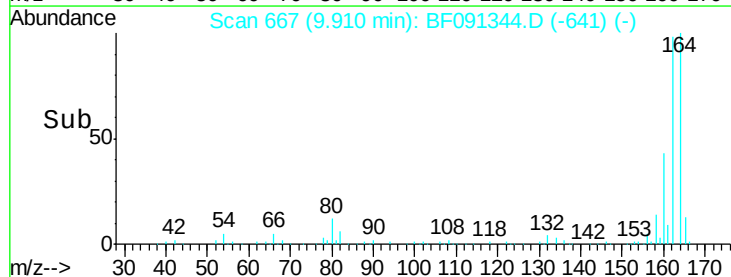
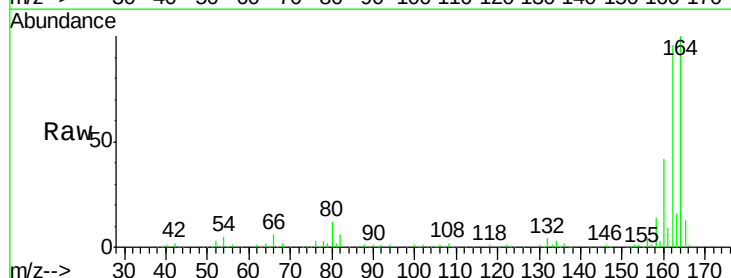
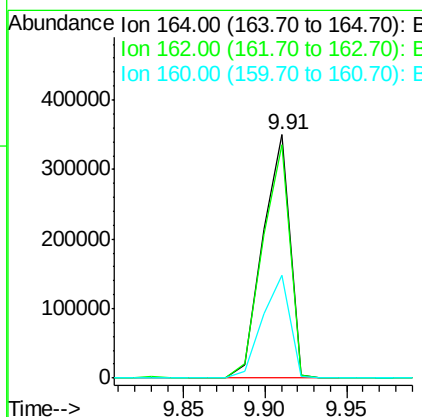
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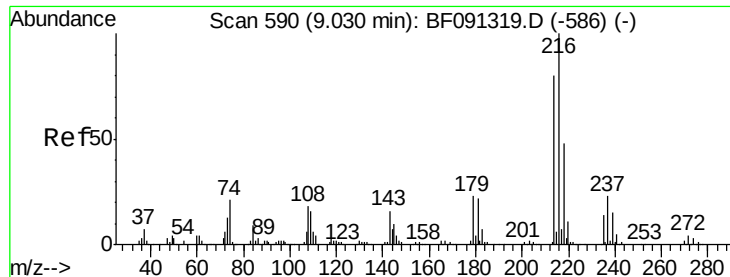
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	82.6	124.0
160	42.1	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.36 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

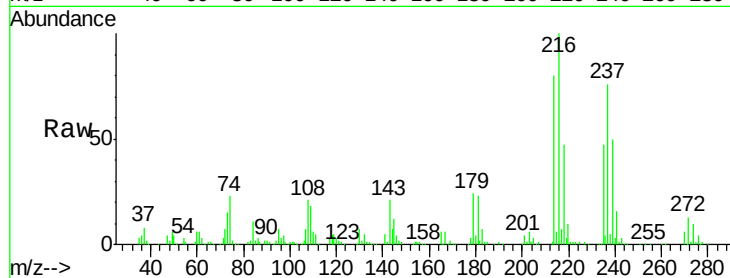
ClientSampleId :

PB94951BSD

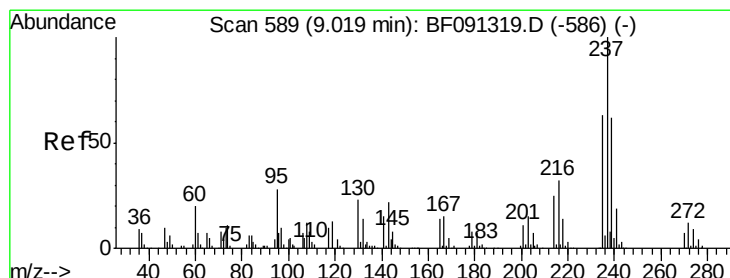
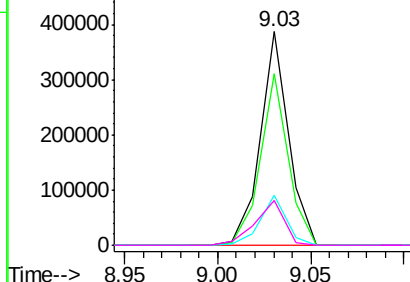
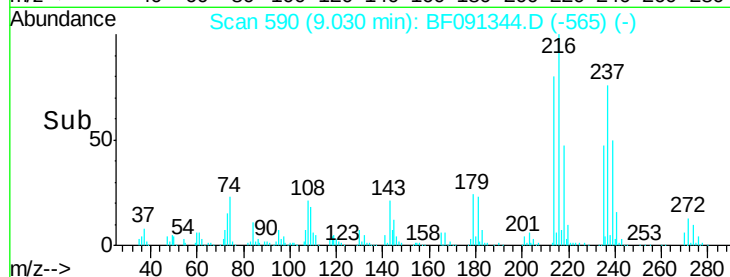
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		401997		
214	79.0		63.8	95.8	
179	21.7		18.2	27.2	
108	21.7		17.2	25.8	

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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: 98.03 ng

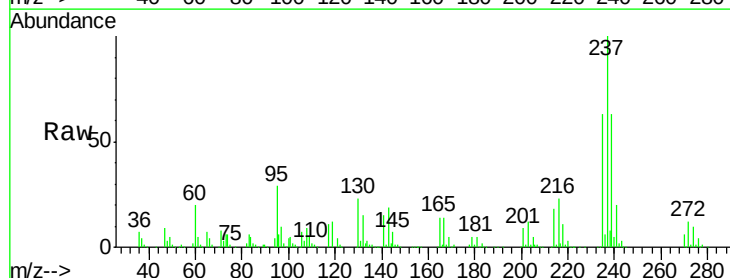
RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

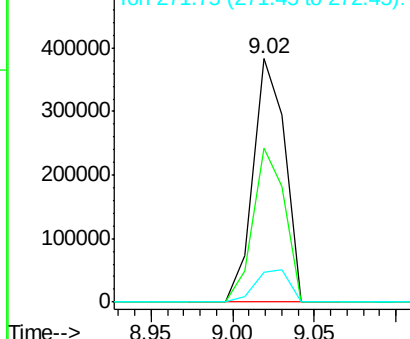
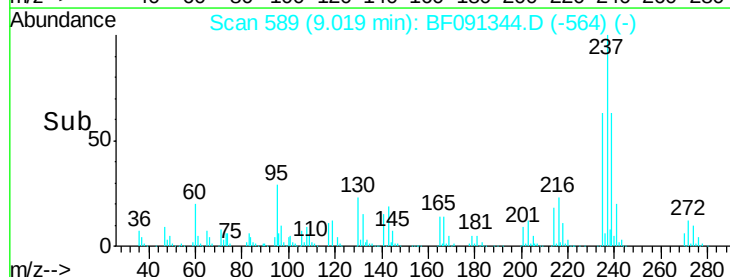
Lab File: BF091344.D

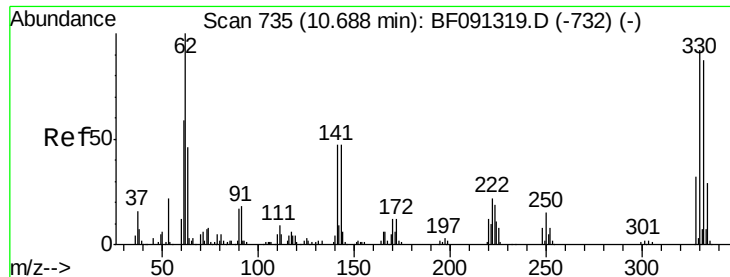
Acq: 30 Nov 2016 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		516525		
235	63.3		43.9	83.9	
272	12.4		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





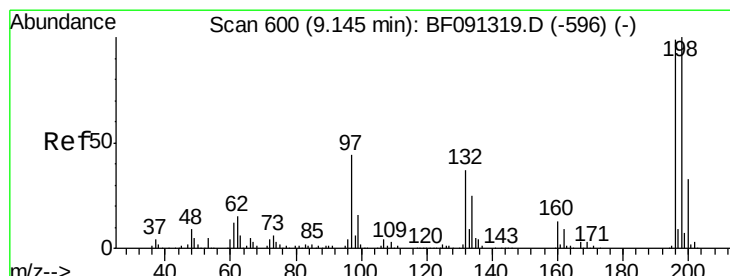
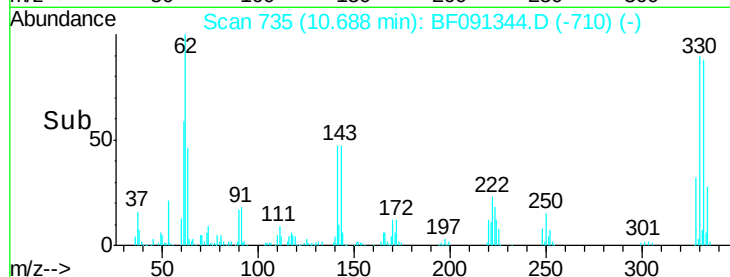
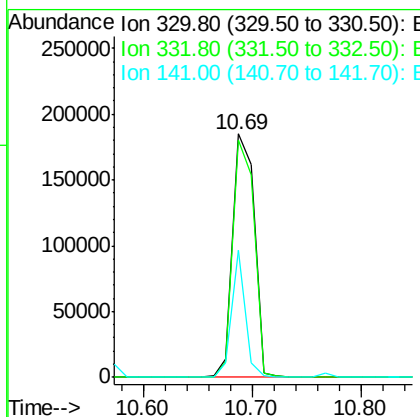
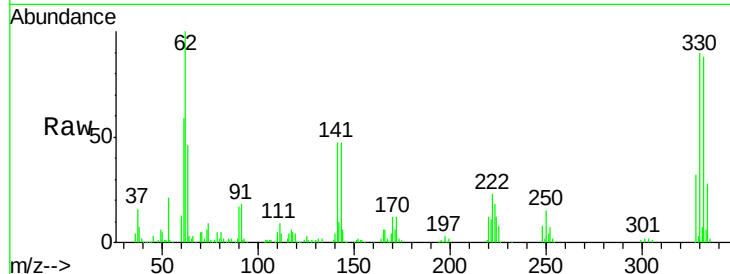
#41
 2,4,6-Tribromophenol
 Concen: 65.81 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251227		
332	96.5	76.2	114.4	
141	33.1	33.6	50.4	

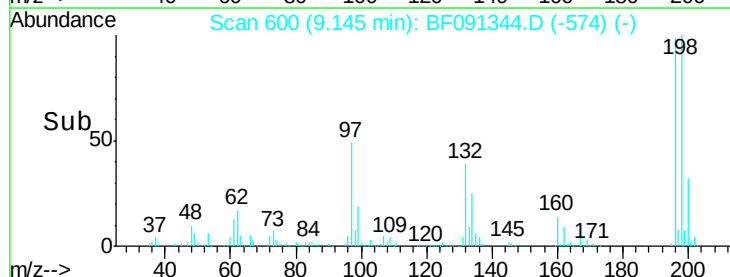
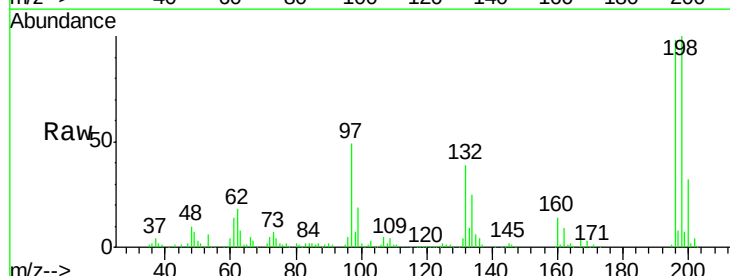
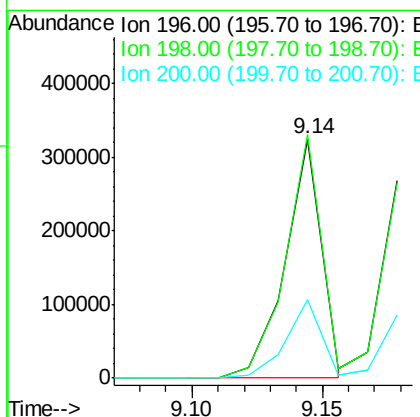
Manual Integrations
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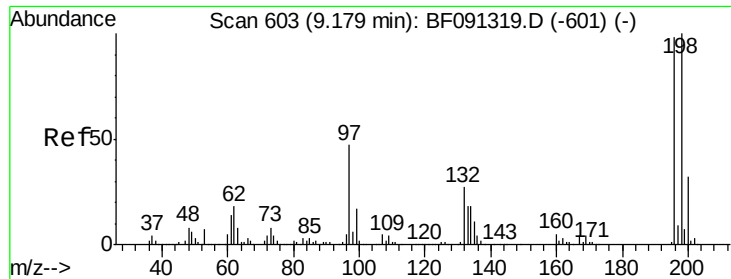
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#42
 2,4,6-Trichlorophenol
 Concen: 42.49 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313948		
198	102.0	77.4	116.0	
200	32.8	25.2	37.8	





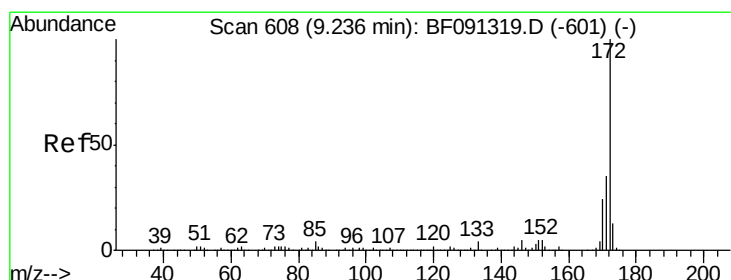
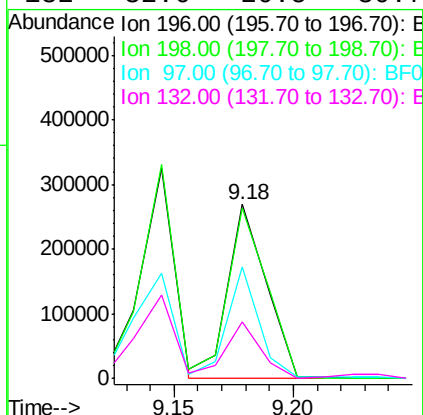
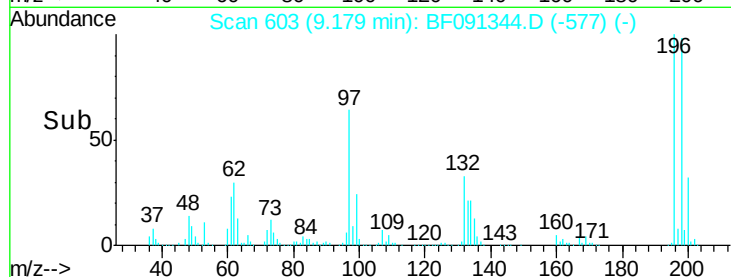
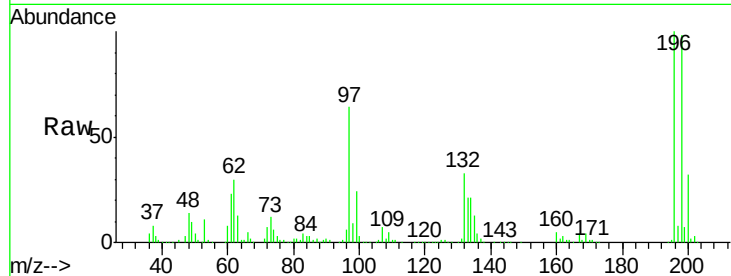
#43
 2,4,5-Trichlorophenol
 Concen: 40.53 ng/ml
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleID :
 PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300058		
198	98.1	77.0	115.6	
97	64.2	33.5	50.3	
132	32.6	20.5	30.7	

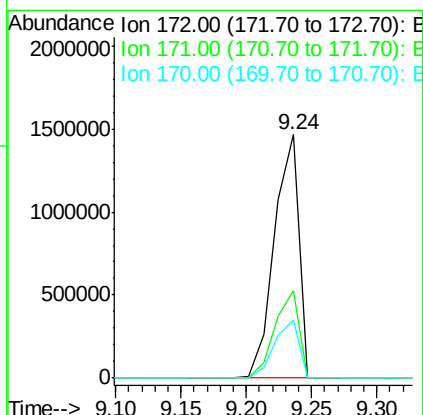
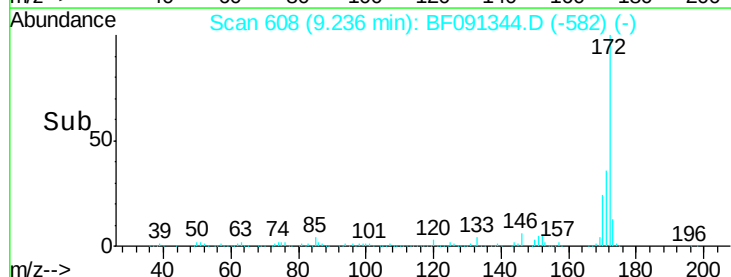
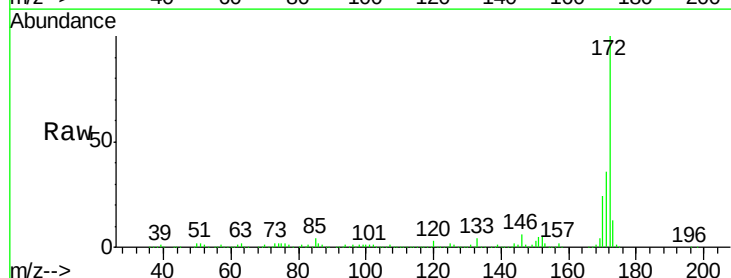
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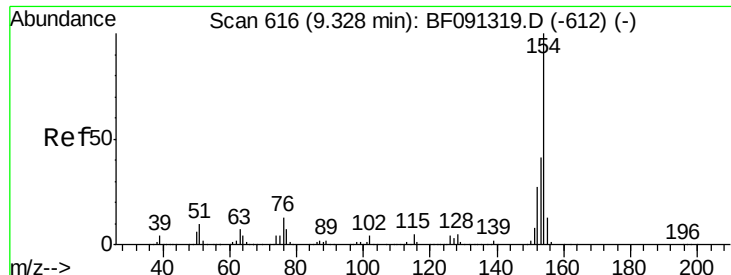
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#44
 2-Fluorobiphenyl
 Concen: 86.95 ng/ml
 RT: 9.24 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1936401		
171	35.9	29.4	44.0	
170	23.9	19.7	29.5	





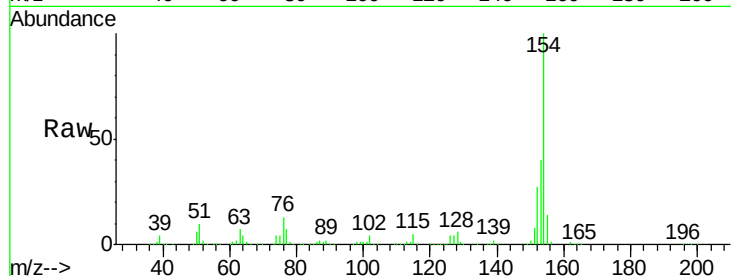
#45
 1,1'-Biphenyl
 Concen: 36.94 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

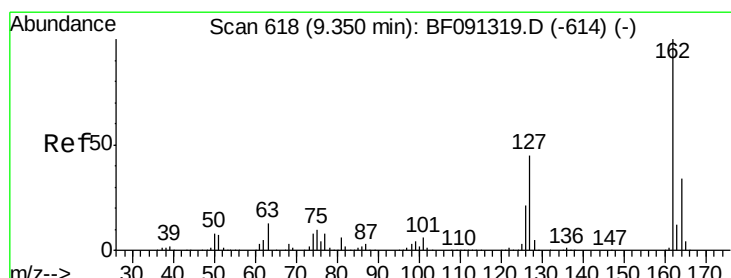
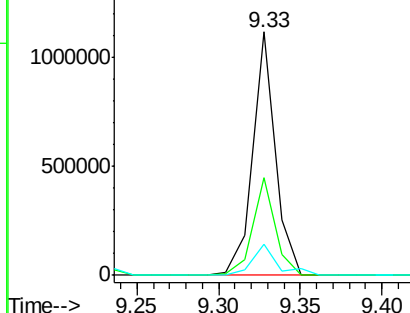
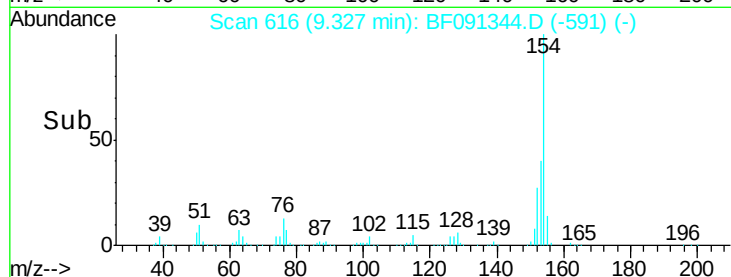
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	12.7	0.0	36.6

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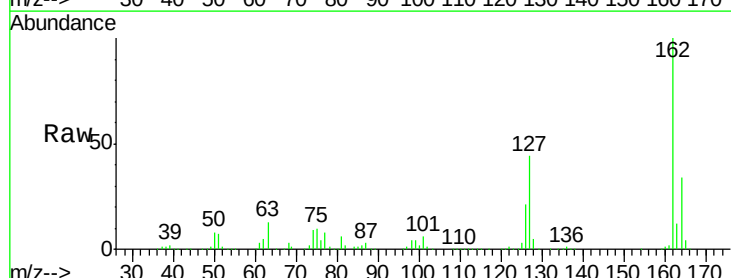


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

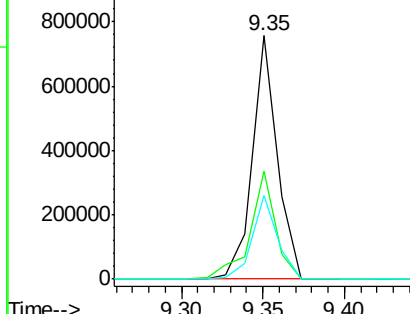
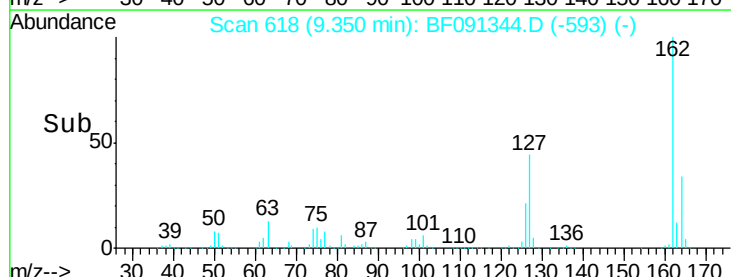


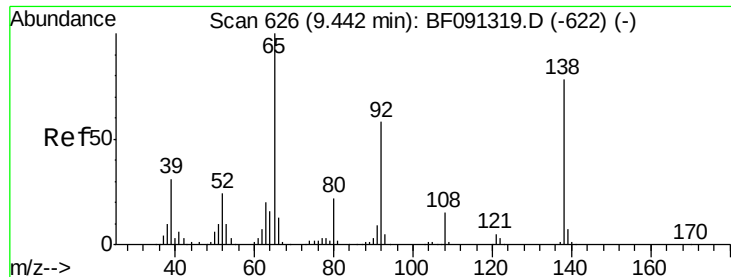
#46
 2-Chloronaphthalene
 Concen: 37.19 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.5	34.3	51.5
164	34.3	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





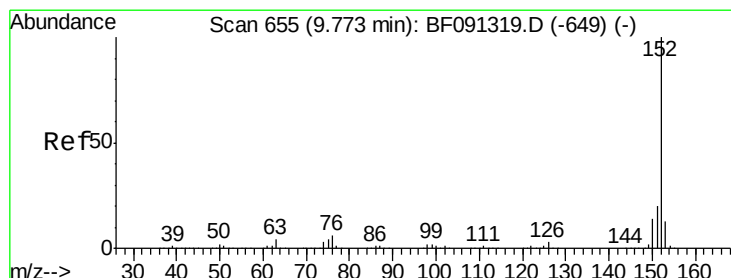
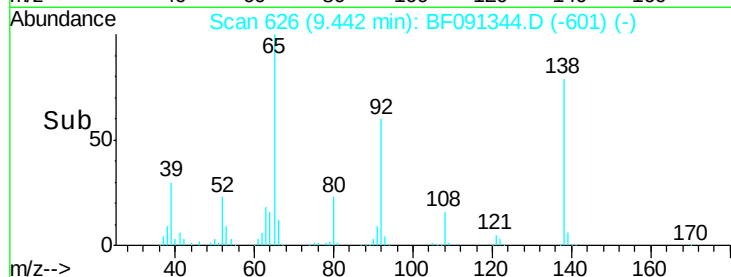
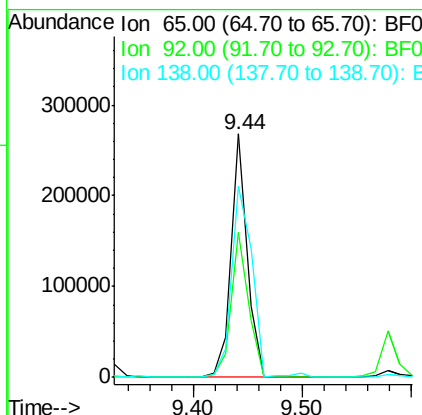
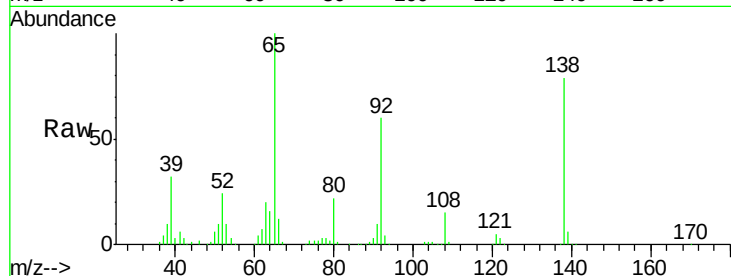
#47
2-Nitroaniline
Concen: 35.06 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.6	53.6	80.4
138	78.5	91.0	136.6

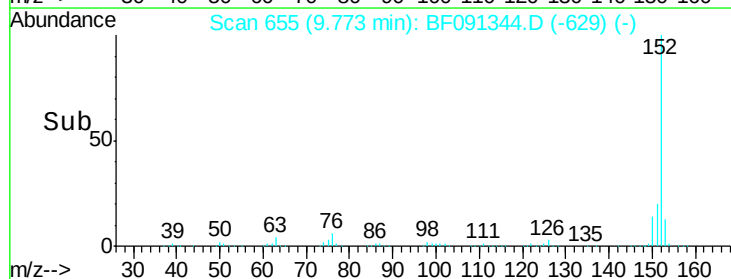
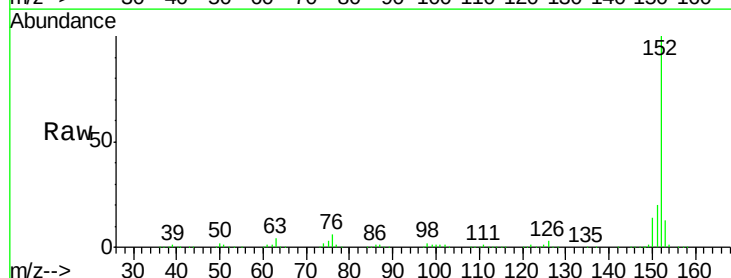
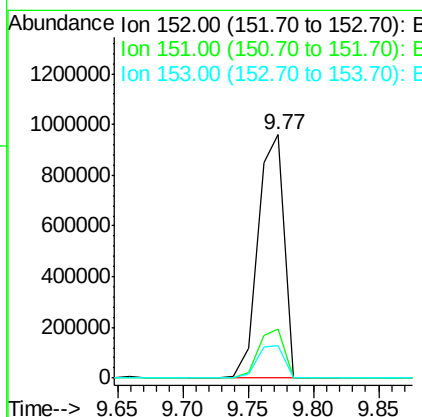
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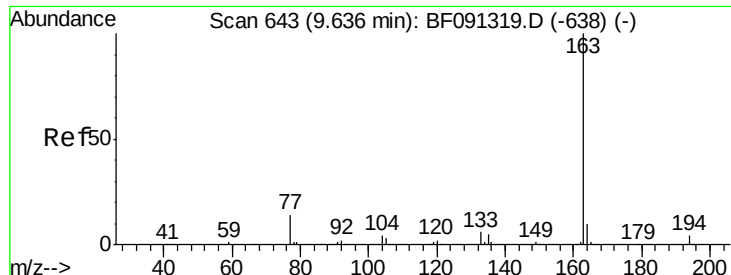
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#48
Acenaphthylene
Concen: 39.05 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.3	10.7	16.1





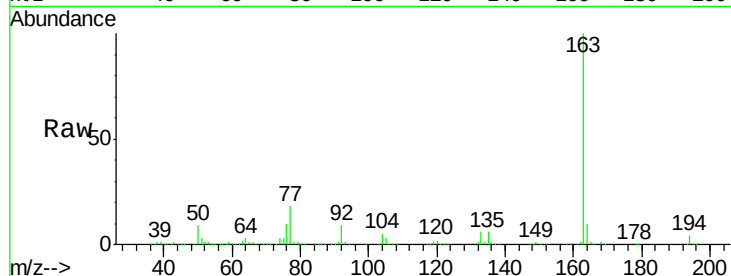
#49
Dimethylphthalate
Concen: 43.10 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

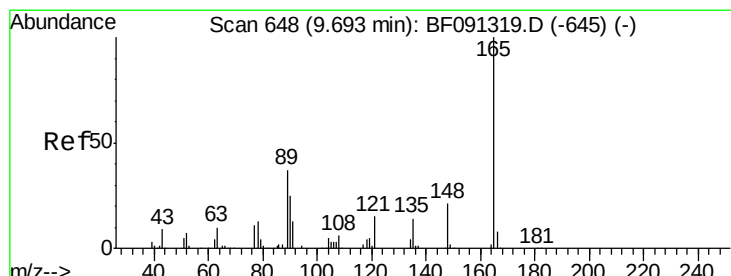
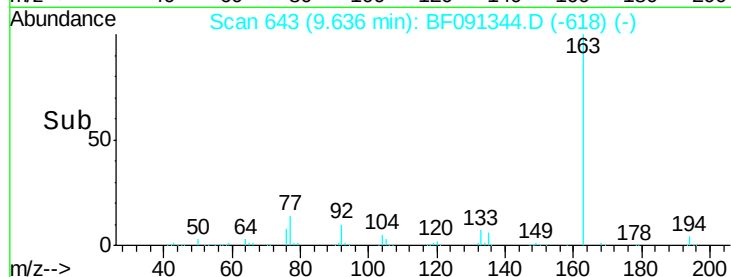
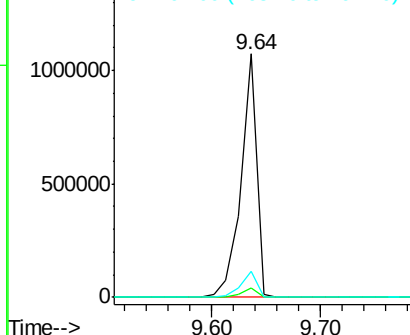
Tot Ion:163 Resp: 1052385
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 7.8 11.8

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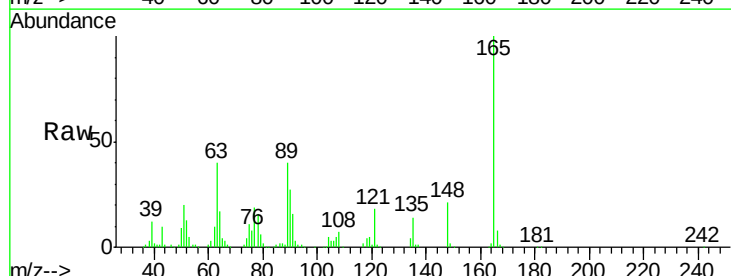


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

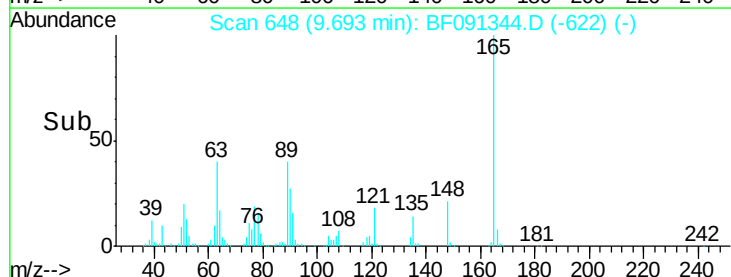
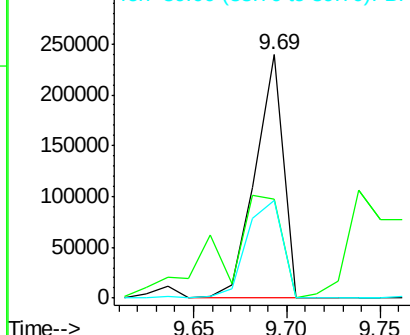


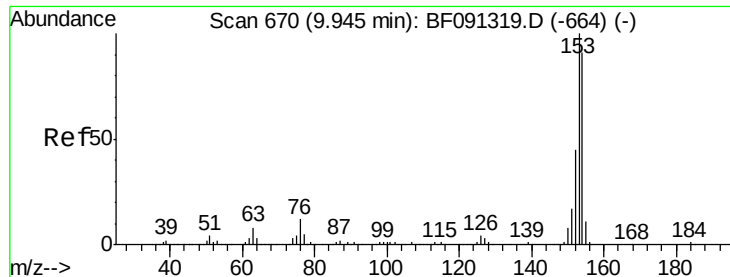
#50
2,6-Dinitrotoluene
Concen: 45.70 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:165 Resp: 249390
Ion Ratio Lower Upper
165 100
63 40.5 59.4 89.0#
89 40.0 50.8 76.2#



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





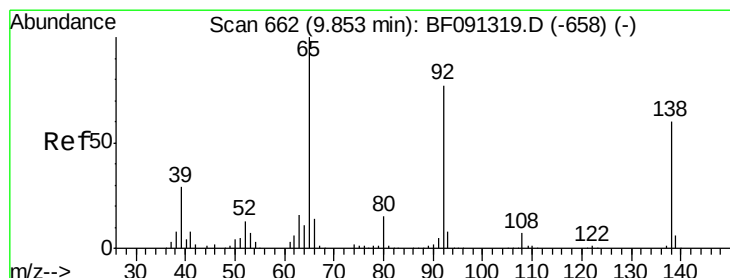
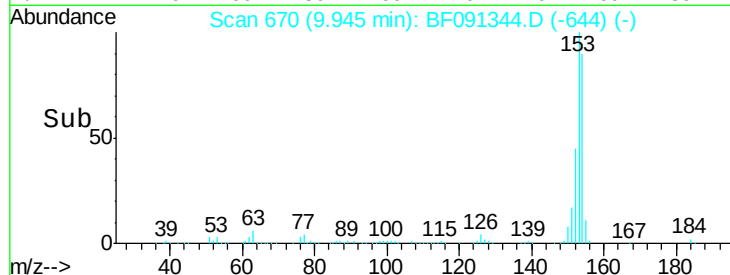
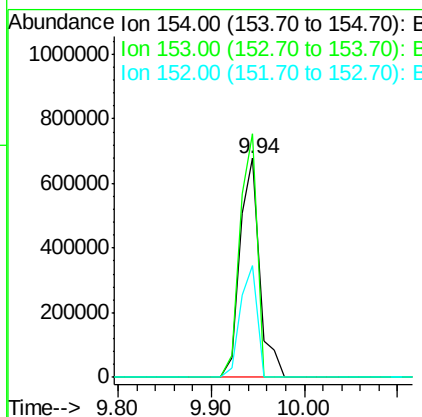
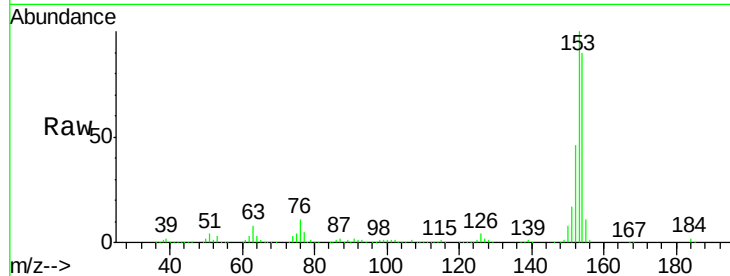
#51
Acenaphthene
Concen: 43.50 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.0	136.6
152	50.8	44.2	66.2

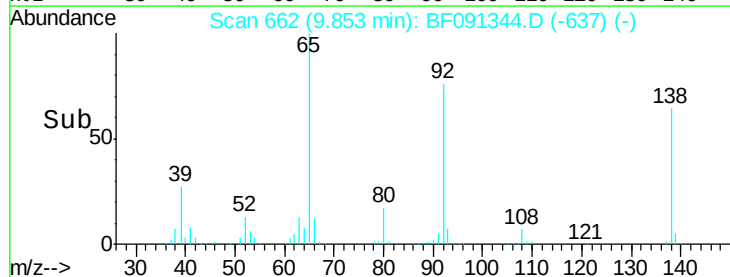
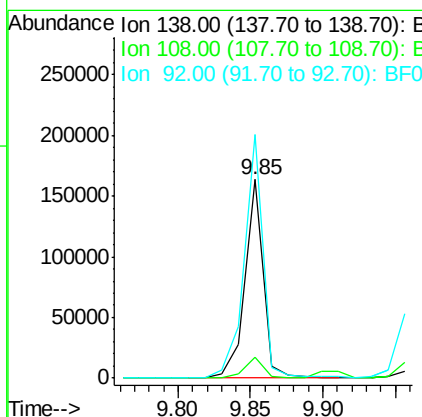
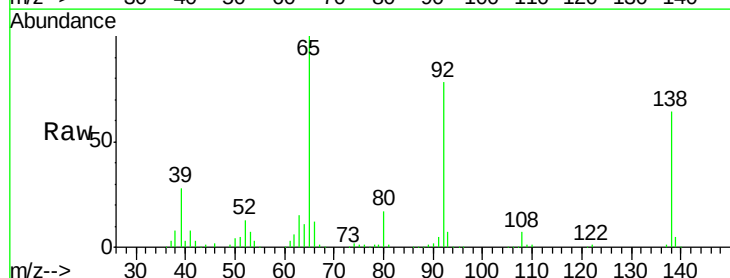
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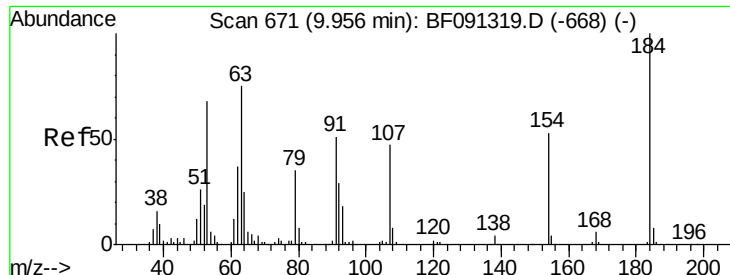
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#52
3-Nitroaniline
Concen: 22.75 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.1	12.1
92	122.8	92.5	138.7





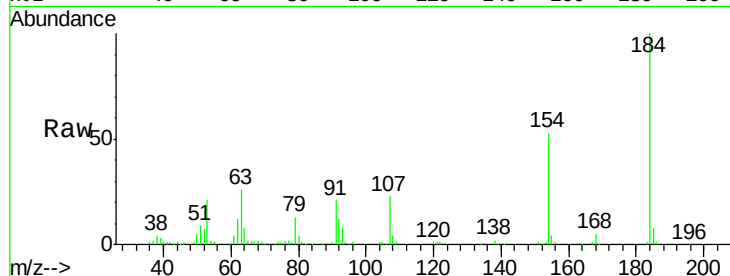
#53
2,4-Dinitrophenol
Concen: 98.33 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

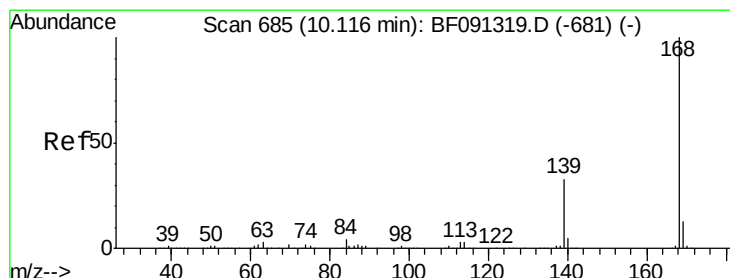
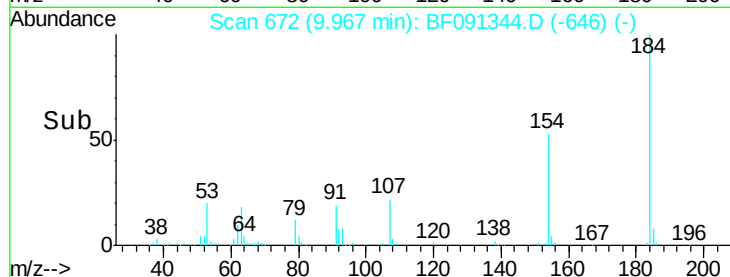
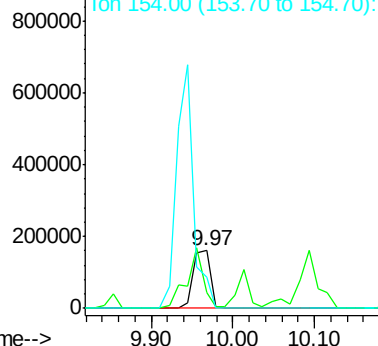
Tot Ion	Ratio	Lower	Upper
184	100		
63	26.2	58.3	87.5#
154	52.8	48.6	73.0

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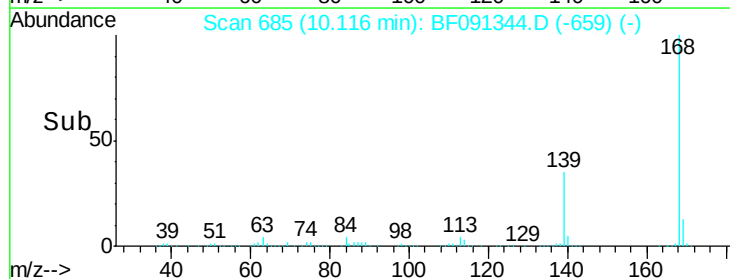
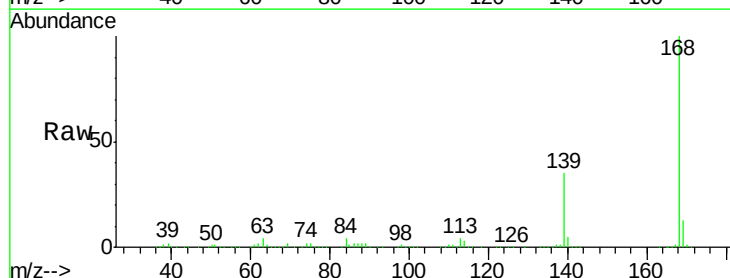
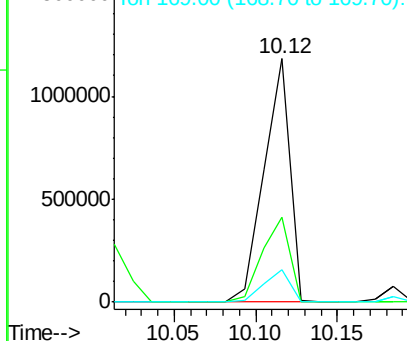
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

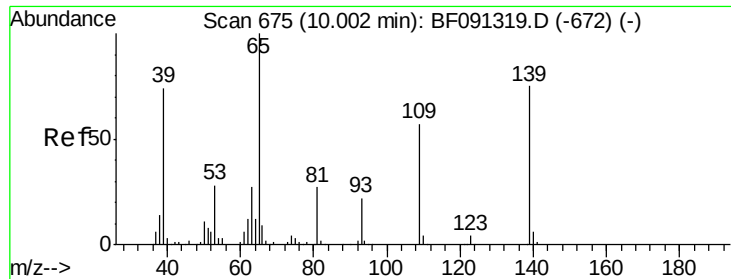


#54
Dibenzofuran
Concen: 42.28 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	33.4	50.2
169	13.3	11.1	16.7

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





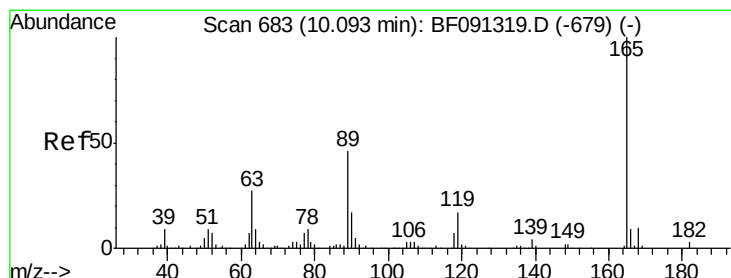
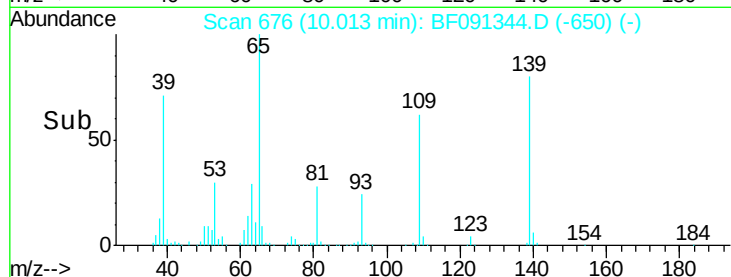
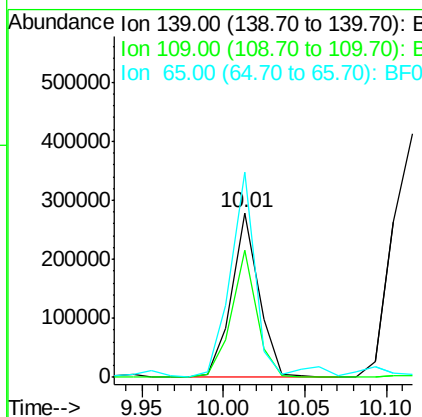
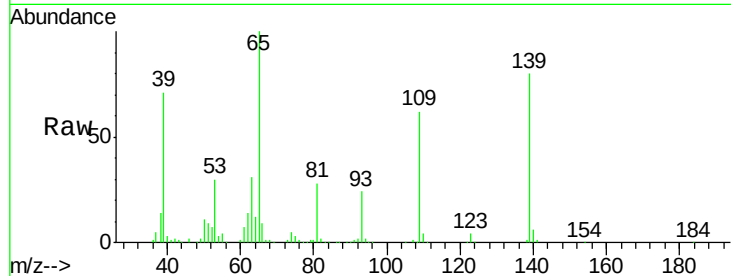
#55
4-Nitrophenol
Concen: 71.38 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampled :
PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.4	54.9	94.9	
65	125.0	102.2	142.2	

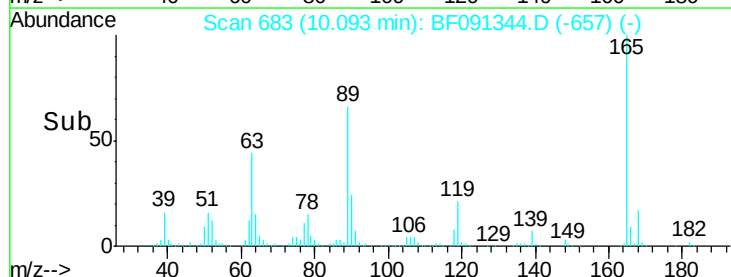
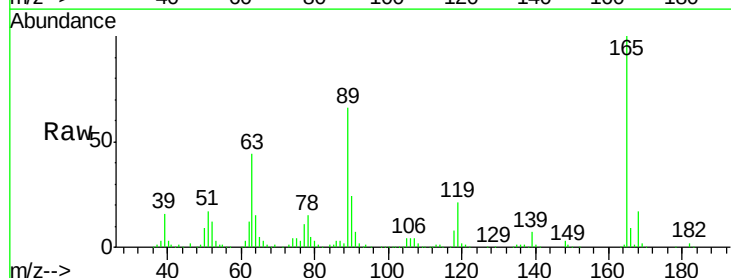
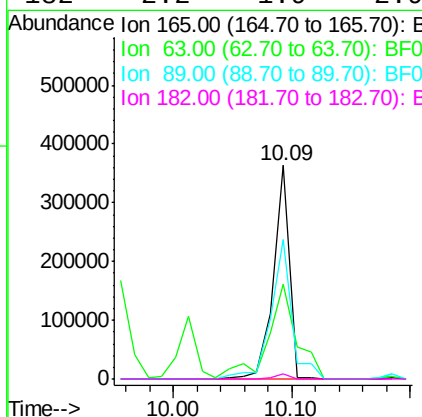
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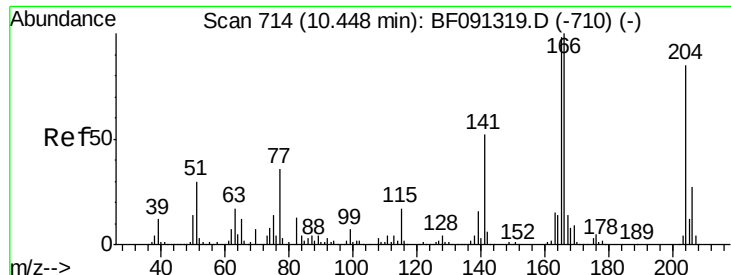
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#56
2,4-Dinitrotoluene
Concen: 47.97 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.2	29.0	43.4#	
89	65.6	43.1	64.7#	
182	2.2	1.9	2.9	





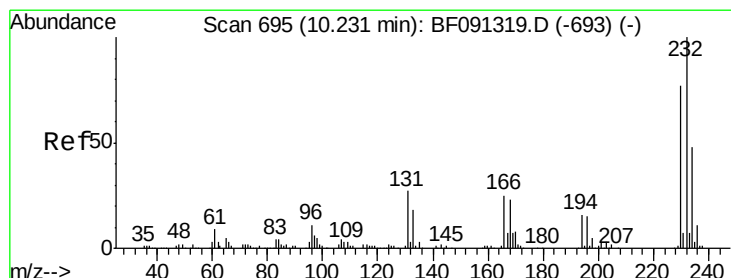
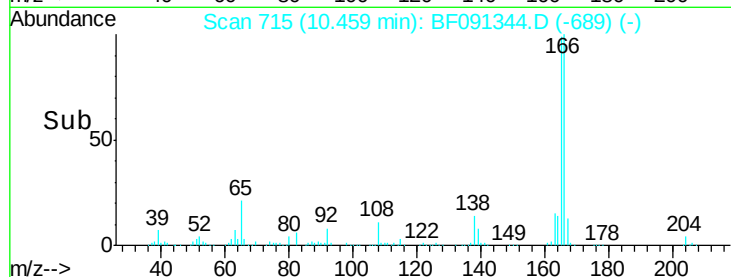
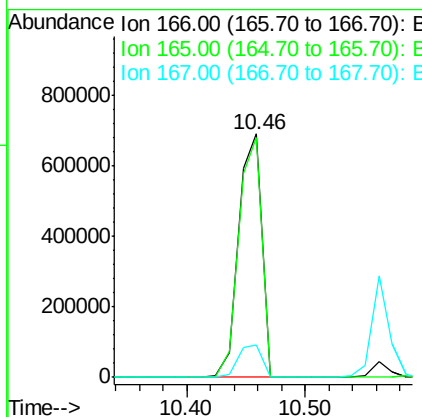
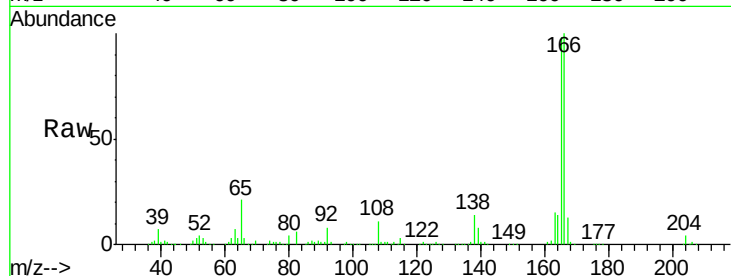
#57
Fluorene
 Concen: 39.73 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	936286		
165	98.4	80.0	120.0	
167	13.1	10.8	16.2	

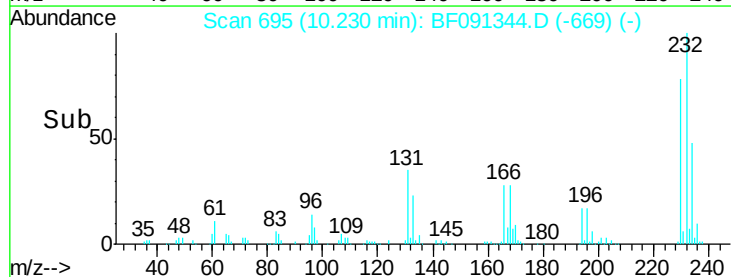
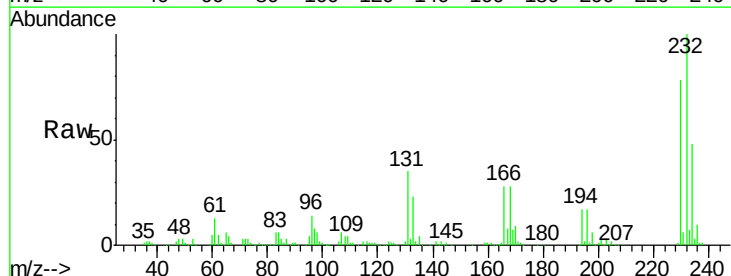
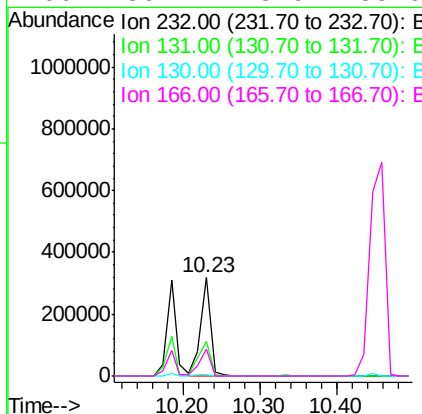
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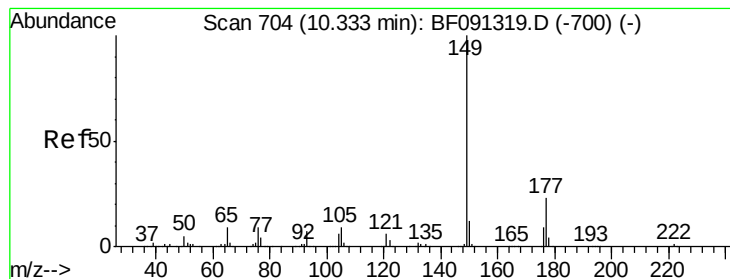
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.35 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	286691		
131	42.1	38.4	57.6	
130	2.0	1.8	2.8	
166	30.4	23.9	35.9	





#59

Diethylphthalate

Concen: 41.81 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampled :

PB94951BSD

Tot Ion:149 Resp: 1007650

Ion Ratio Lower Upper

149 100

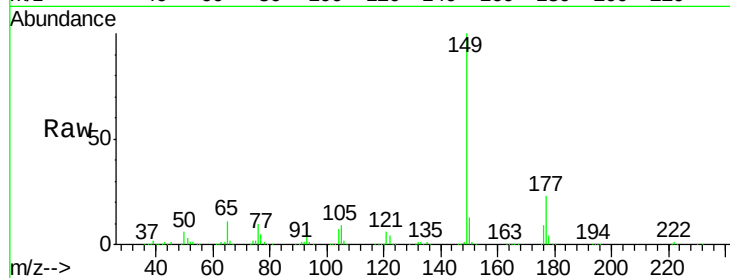
177 22.9 15.7 23.5

150 12.5 10.2 15.2

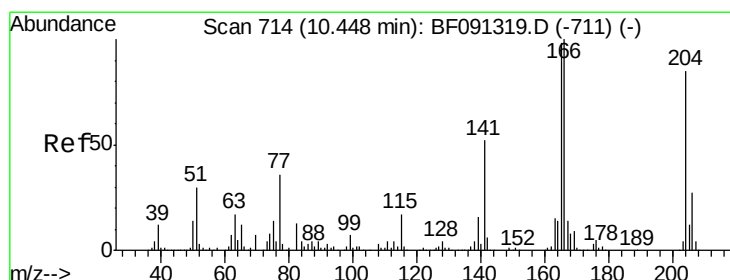
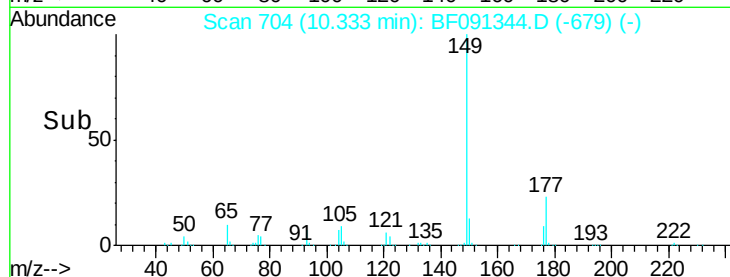
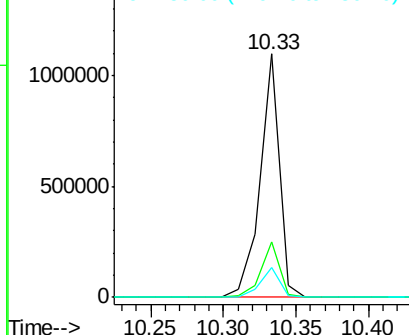
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.49 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

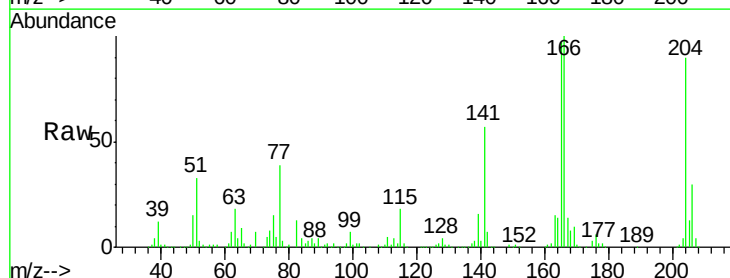
Tgt Ion:204 Resp: 443188

Ion Ratio Lower Upper

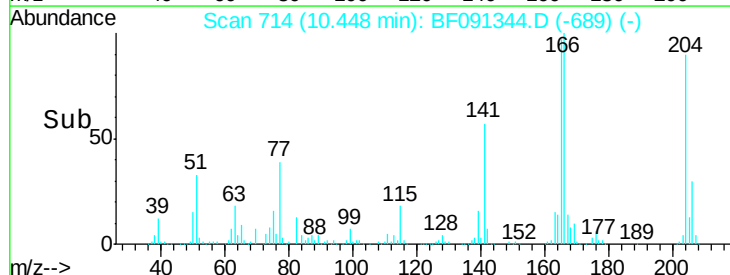
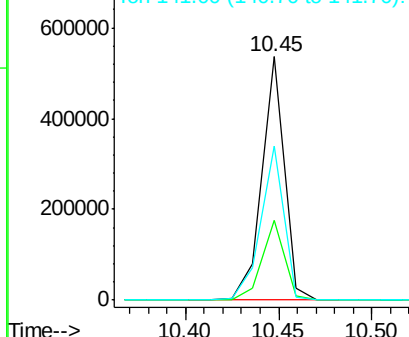
204 100

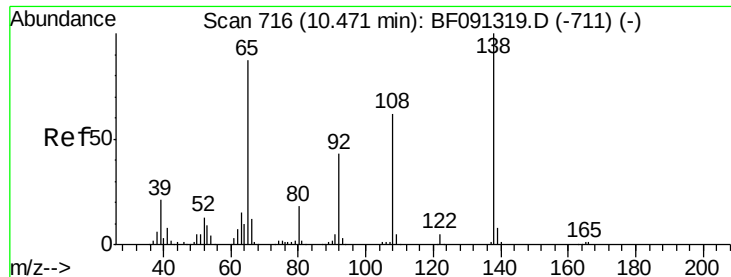
206 32.9 26.1 39.1

141 63.4 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





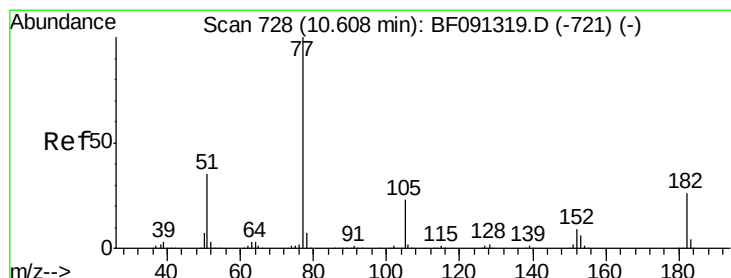
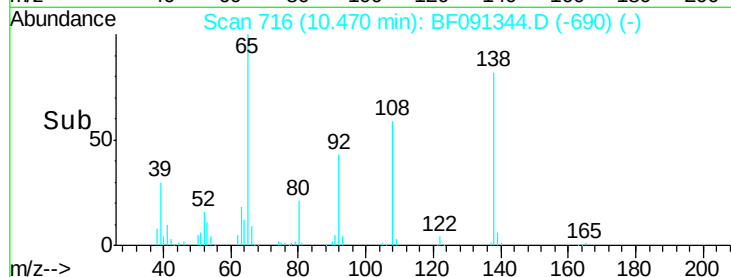
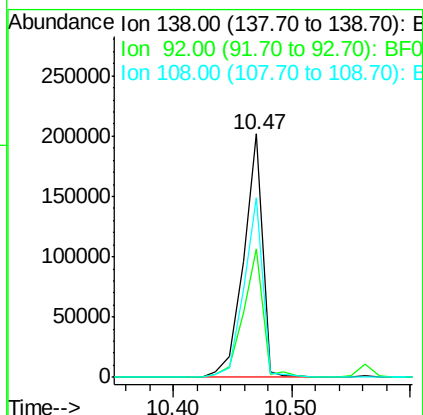
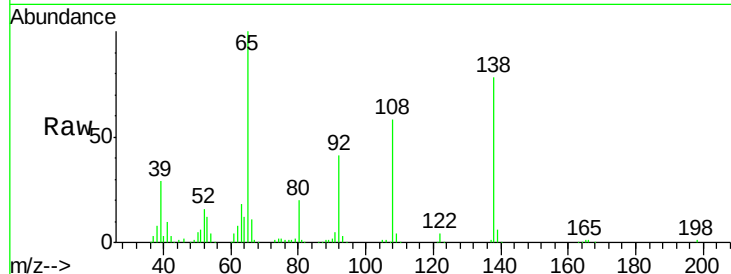
#61
4-Nitroaniline
Concen: 37.90 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampled :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	26.9	66.9
108	73.7	49.1	89.1

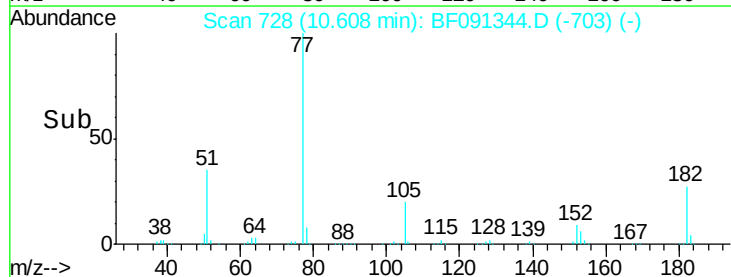
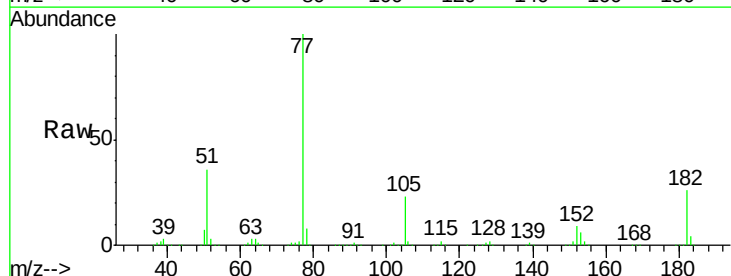
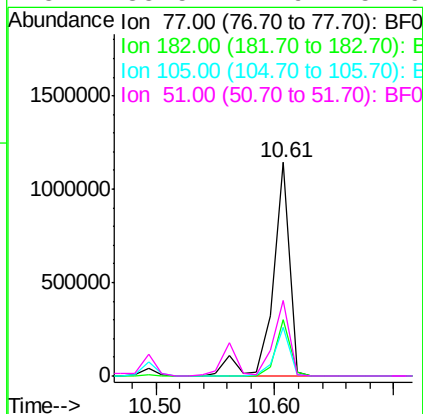
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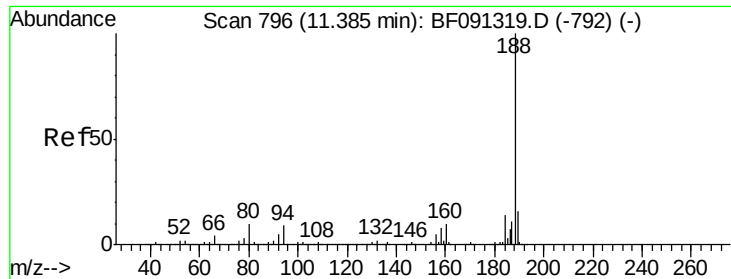
sohil
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#62
Azobenzene
Concen: 45.85 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	12.5	52.5
105	22.6	3.7	43.7
51	35.5	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB94951BSD

Tot Ion:188 Resp: 658404

Ion Ratio Lower Upper

188 100

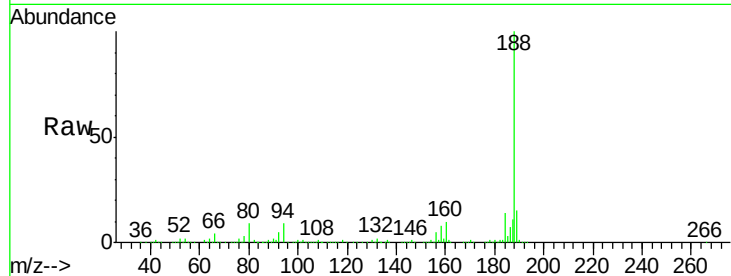
94 8.6 9.2 13.8#

80 9.2 10.5 15.7#

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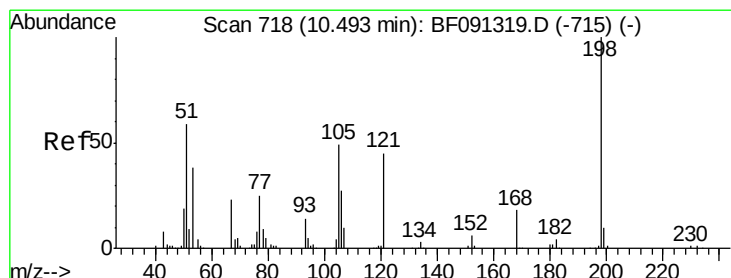
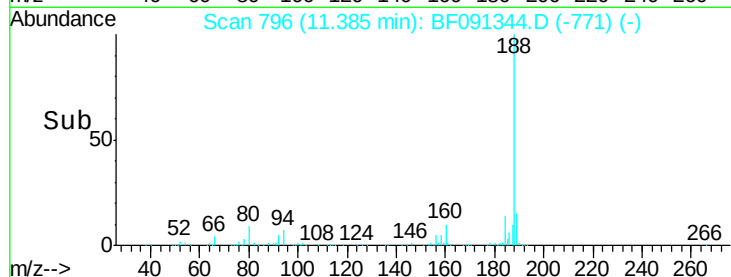
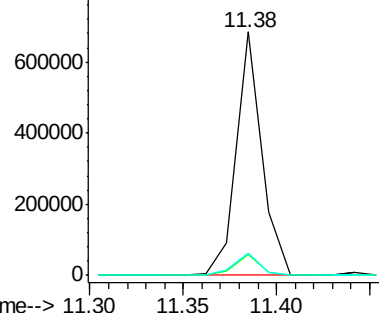
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.46 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

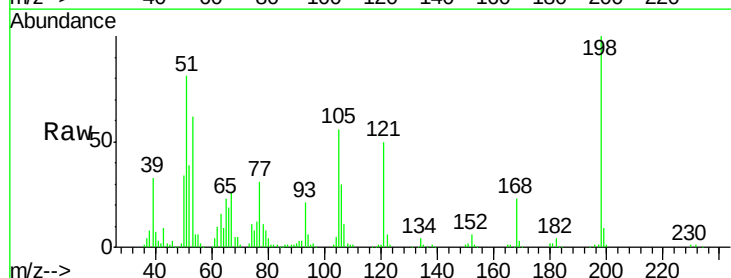
Tgt Ion:198 Resp: 150375

Ion Ratio Lower Upper

198 100

51 81.0 77.1 117.1

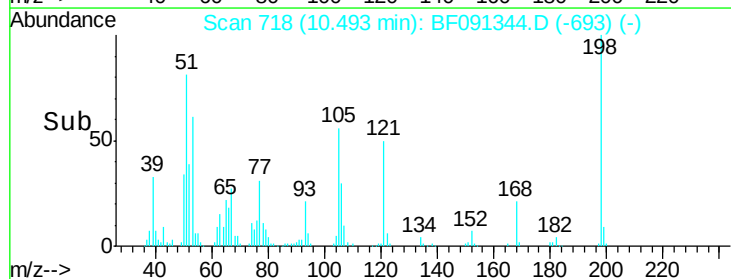
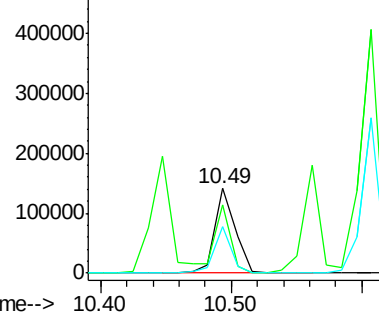
105 55.6 44.8 84.8

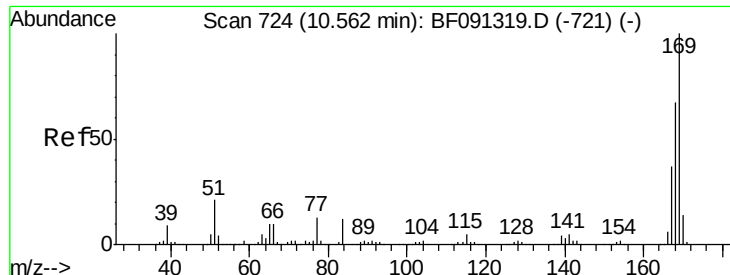


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





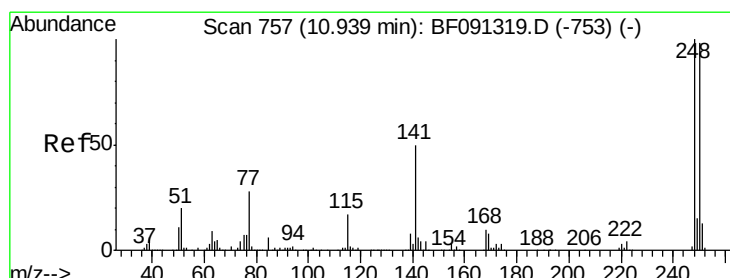
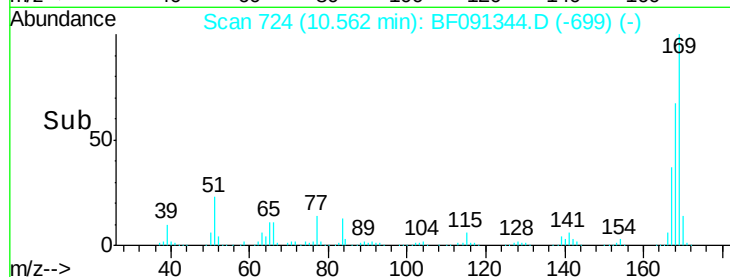
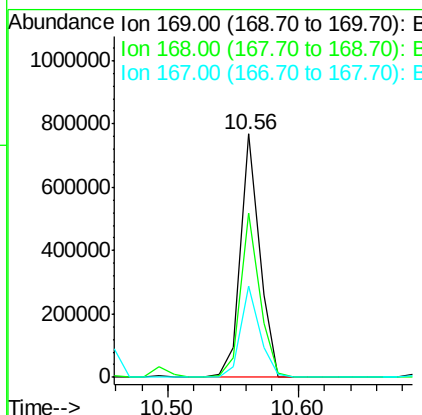
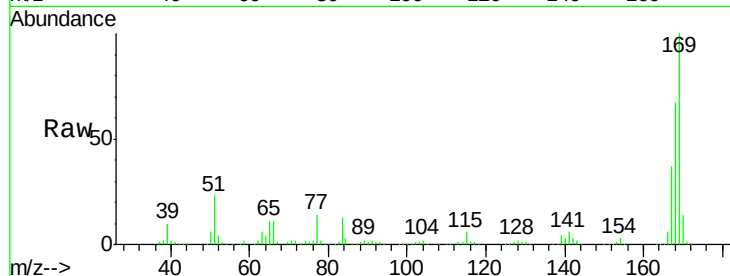
#65
 n-Nitrosodiphenylamine
 Concen: 39.07 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampled :
 PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	779854		
168	67.3		53.8	80.8
167	37.4		29.8	44.8

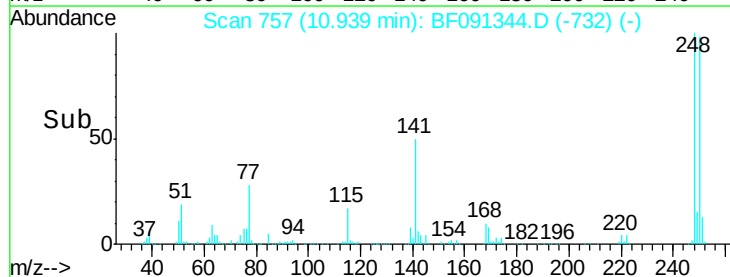
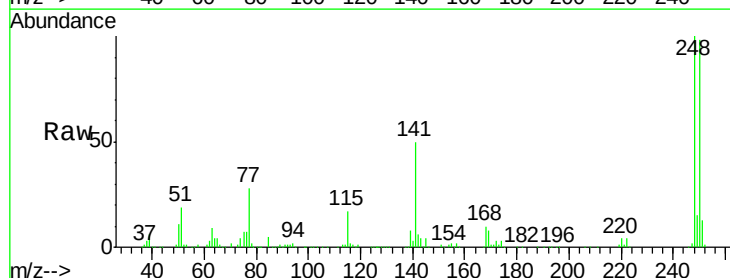
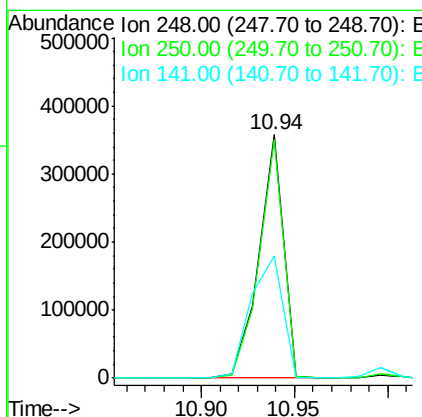
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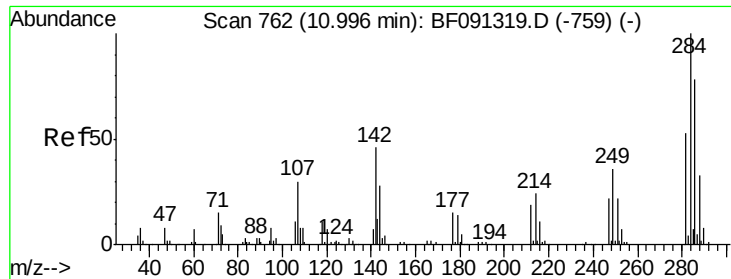
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#66
 4-Bromophenyl-phenylether
 Concen: 45.79 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	324015		
250	97.9		78.2	117.4
141	50.1		71.9	107.9#





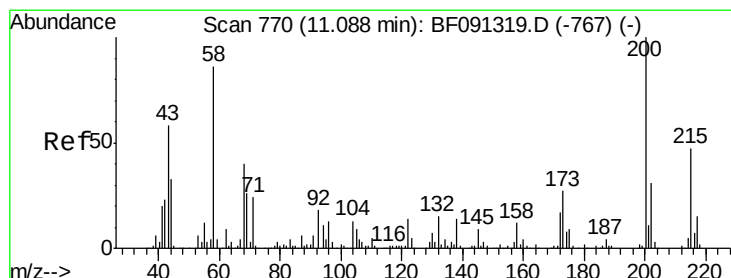
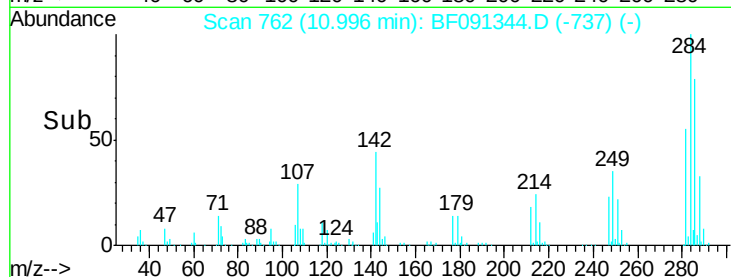
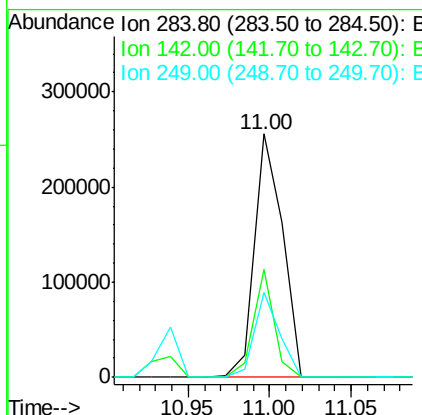
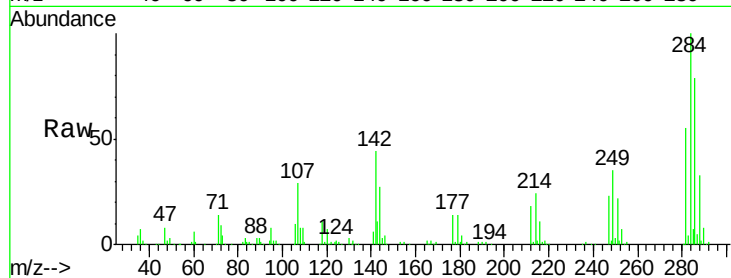
#67
Hexachlorobenzene
Concen: 39.74 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	303857		
142	44.3	17.9	26.9	
249	35.0	23.6	35.4	

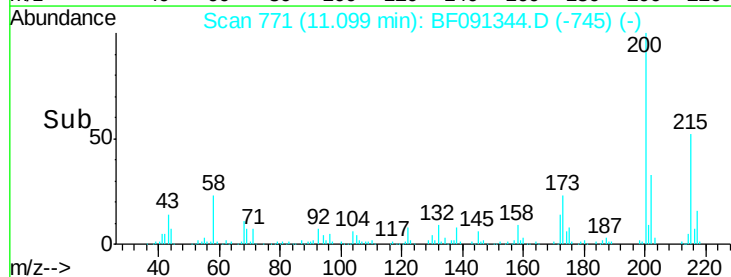
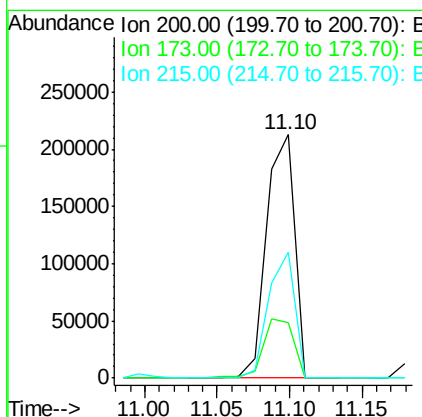
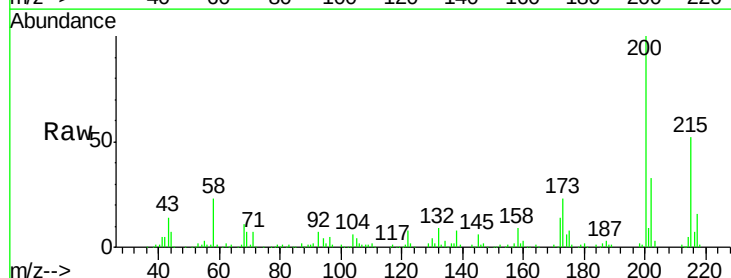
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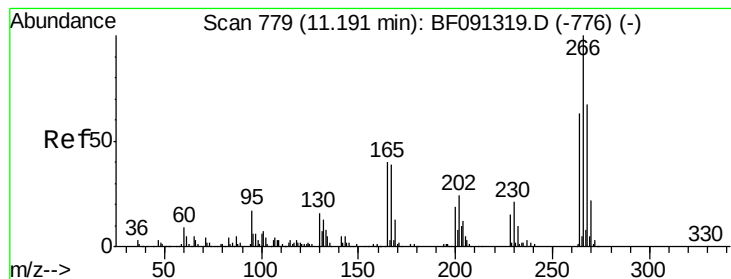
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#68
Atrazine
Concen: 44.02 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	284596		
173	22.5	7.8	47.8	
215	51.5	24.3	64.3	





#69

Pentachlorophenol

Concen: 78.03 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

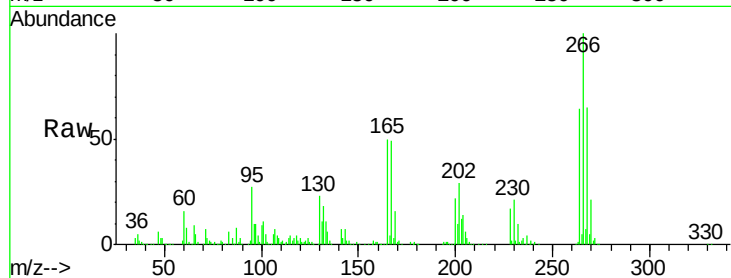
ClientSampleId :

PB94951BSD

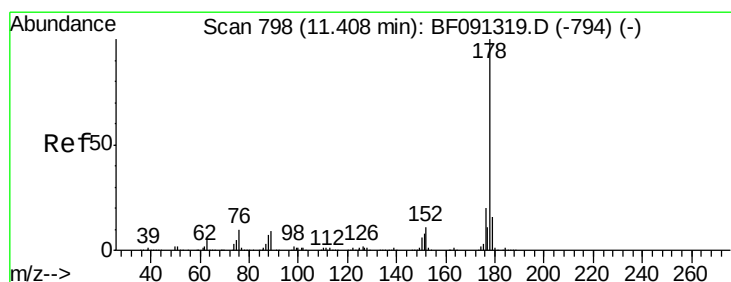
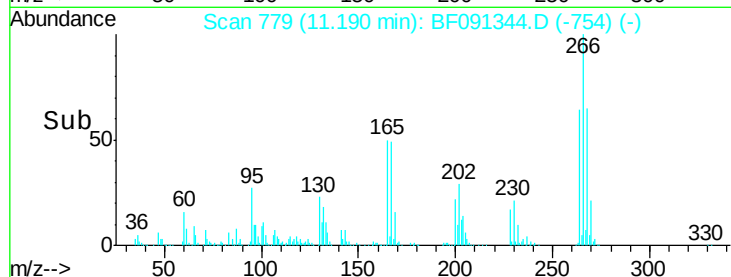
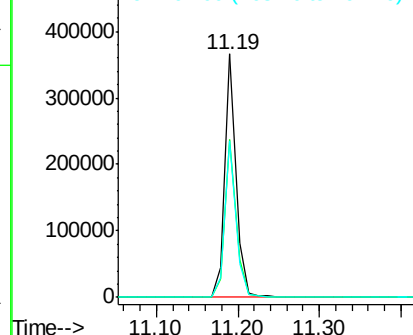
Tot Ion:	266	Resp:	351299
Ion Ratio		Lower	Upper
266	100		
268	64.7	50.3	75.5
264	64.2	48.2	72.2

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



#70

Phenanthrene

Concen: 38.29 ng

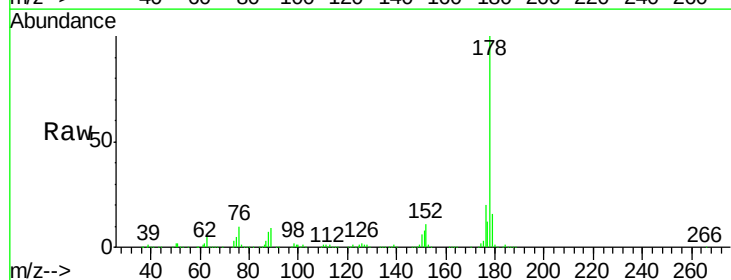
RT: 11.41 min Scan# 798

Delta R.T. -0.02 min

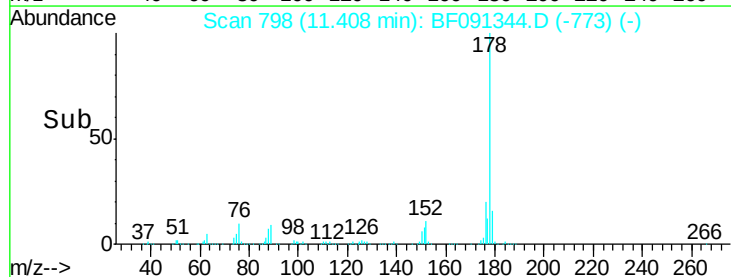
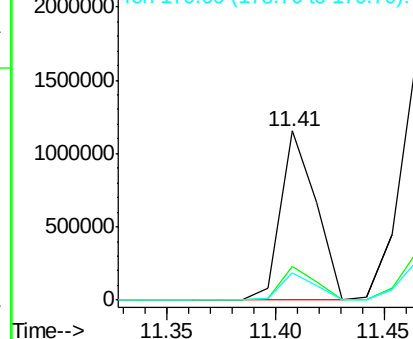
Lab File: BF091344.D

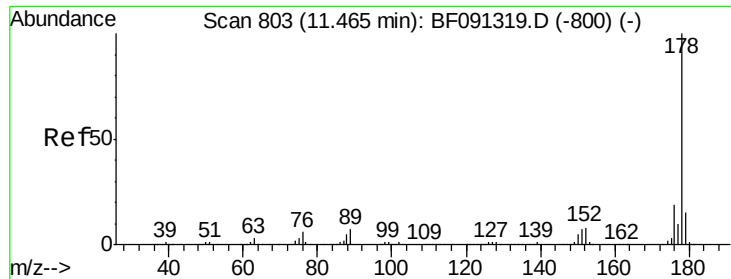
Acq: 30 Nov 2016 10:31

Tgt Ion:	178	Resp:	1309875
Ion Ratio		Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.0	12.6	18.8



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





#71
 Anthracene
 Concen: 44.03 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

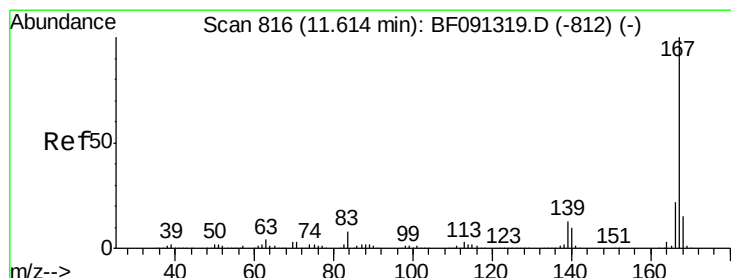
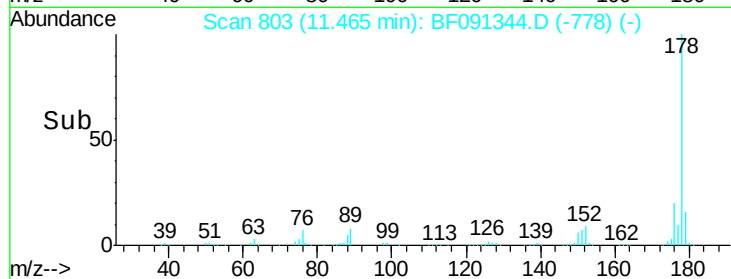
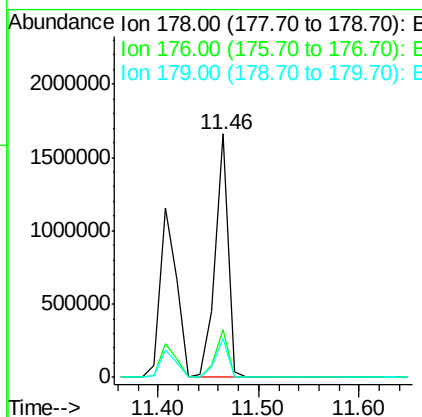
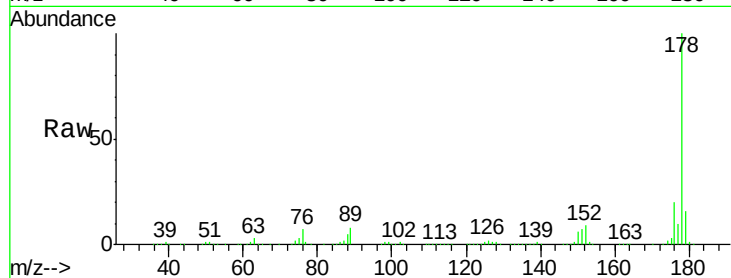
Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion:178 Resp: 1495148

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.8	12.7	19.1

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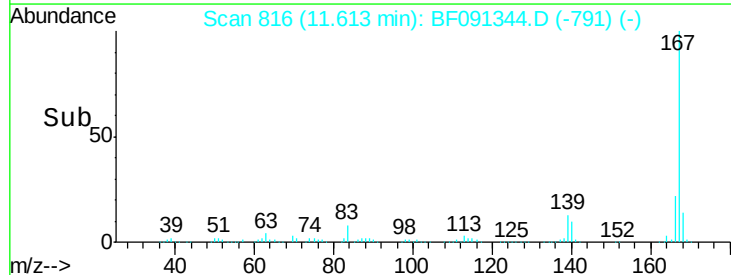
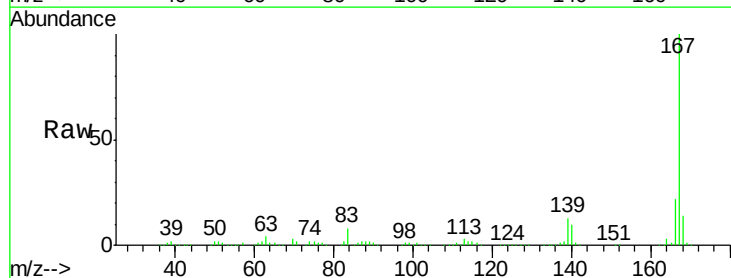
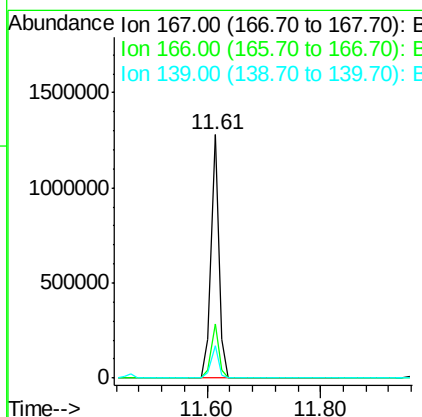
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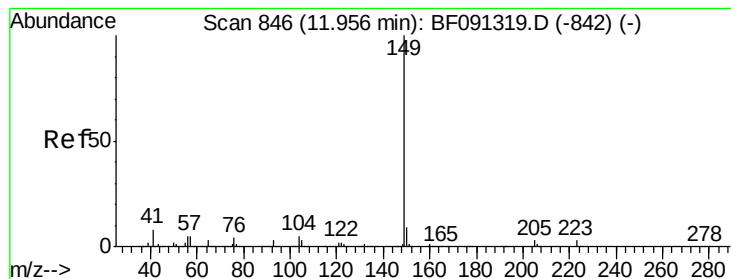


#72
 Carbazole
 Concen: 38.04 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:167 Resp: 1171944

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.5	11.5	17.3





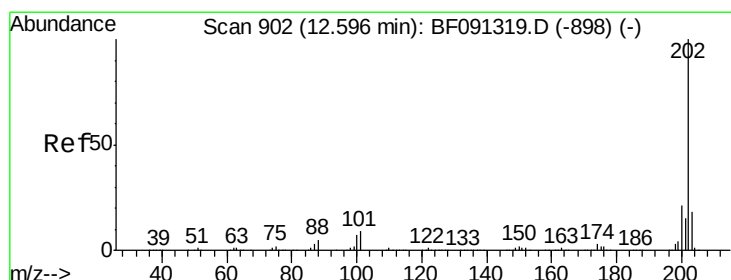
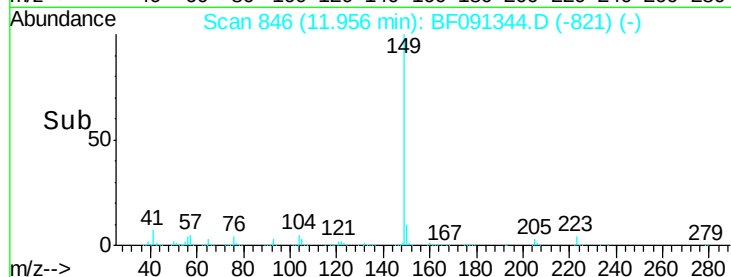
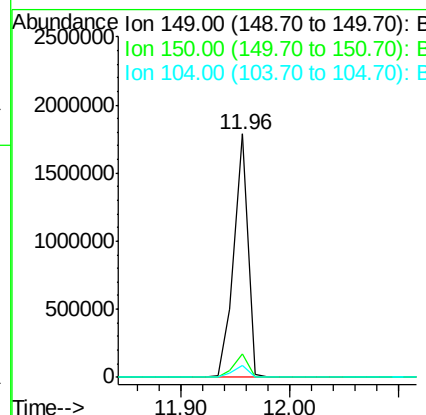
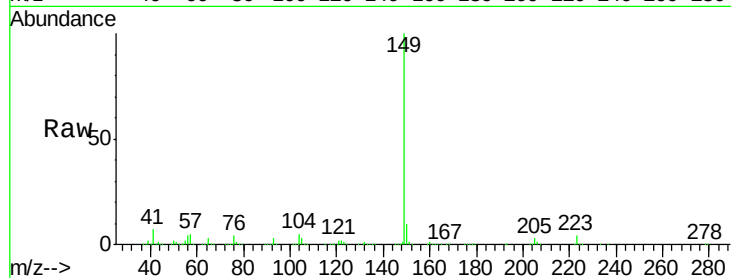
#73
Di-n-butylphthalate
Concen: 45.67 ng
RT: 11.96 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	4.7	4.0	6.0

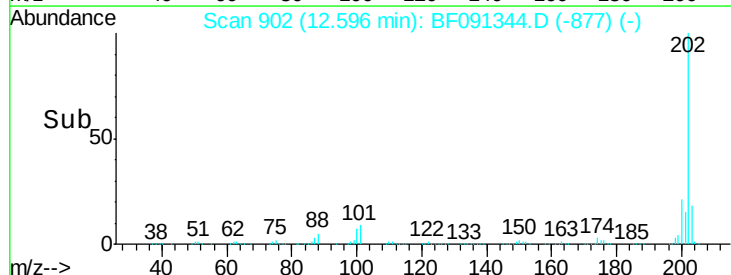
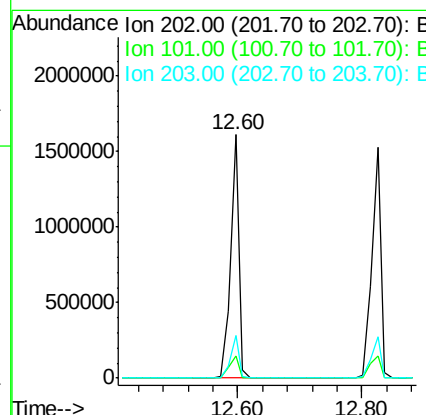
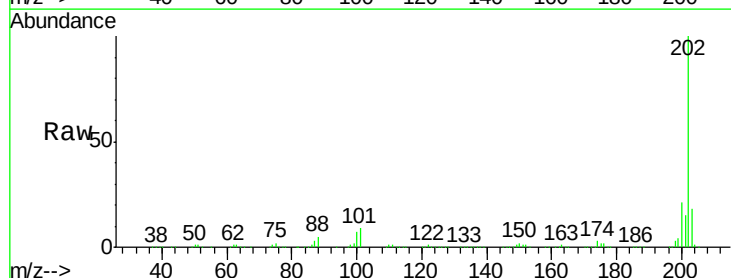
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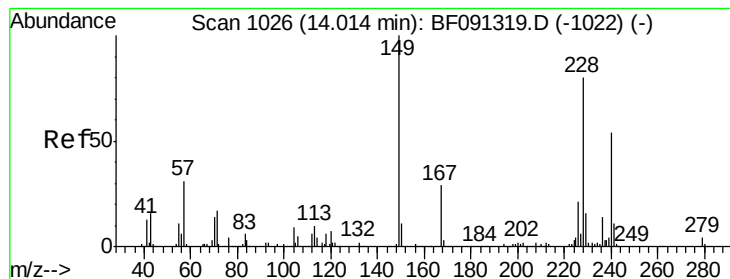
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#74
Fluoranthene
Concen: 45.13 ng
RT: 12.60 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.5
203	17.7	0.0	37.8





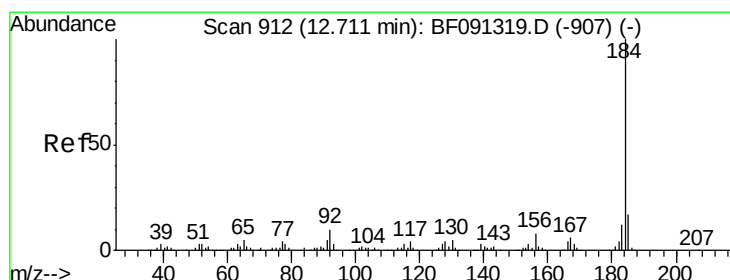
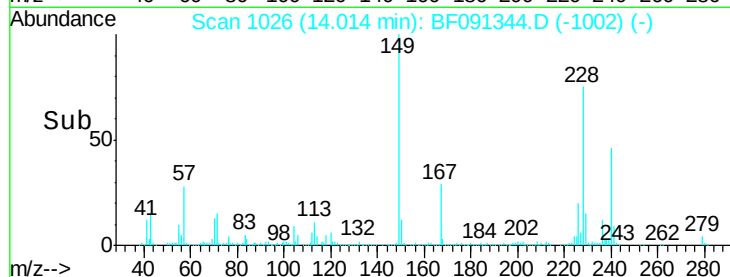
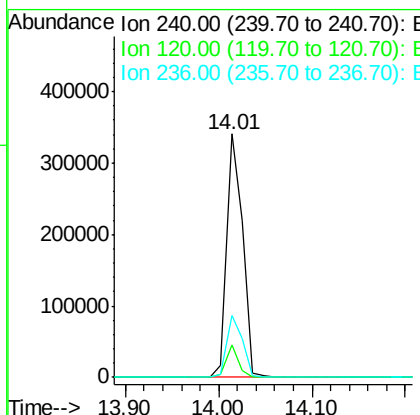
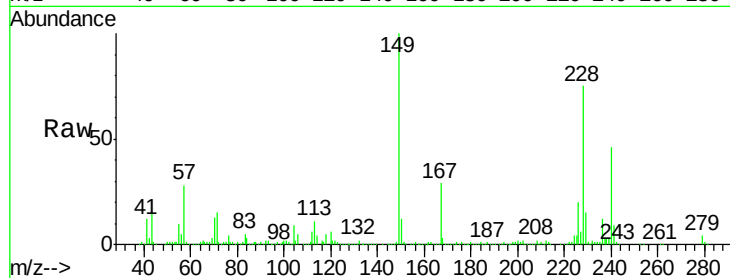
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.4	12.1	18.1	
236	25.6	21.0	31.6	

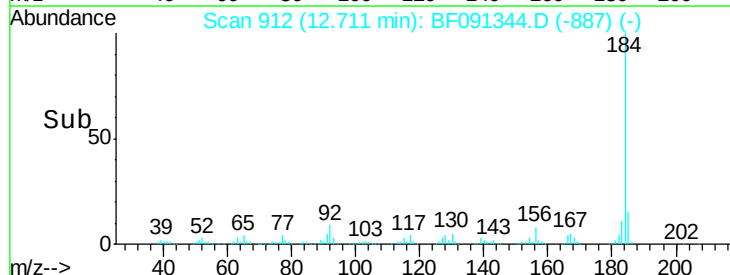
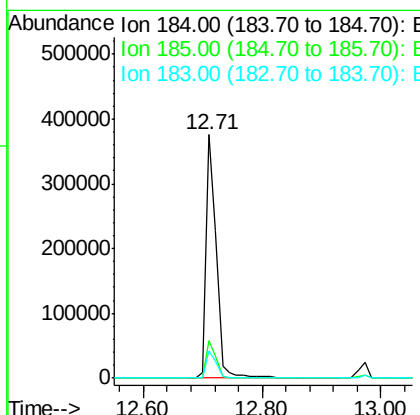
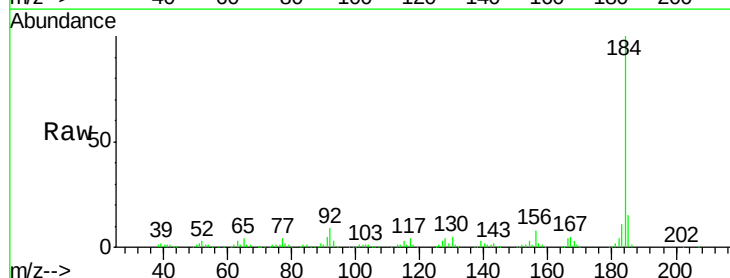
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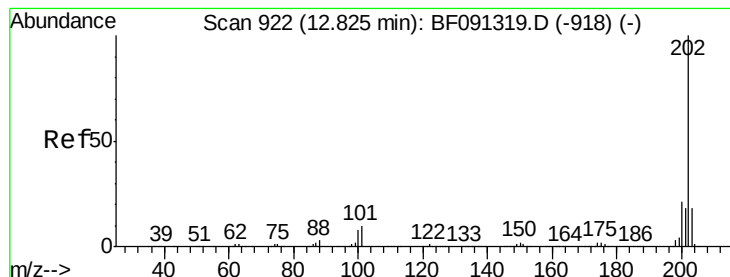
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#76
Benzidine
Concen: 38.45 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	13.1	19.7	
183	11.4	8.9	13.3	





#77

Pvrene

Concen: 49.04 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

PB94951BSD

Tot Ion:202 Resp: 1503303

Ion Ratio Lower Upper

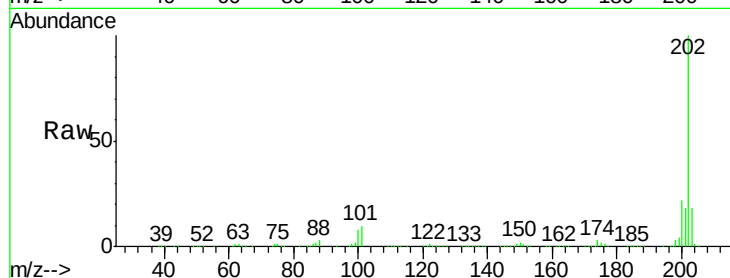
202 100

200 22.1 17.6 26.4

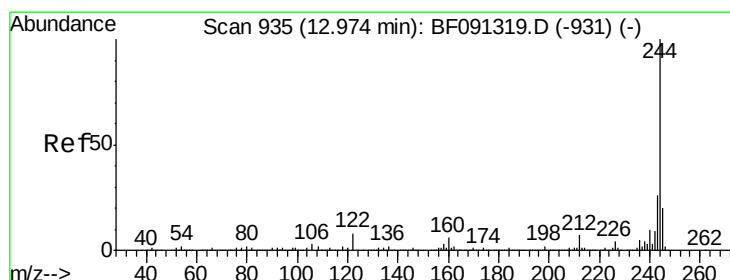
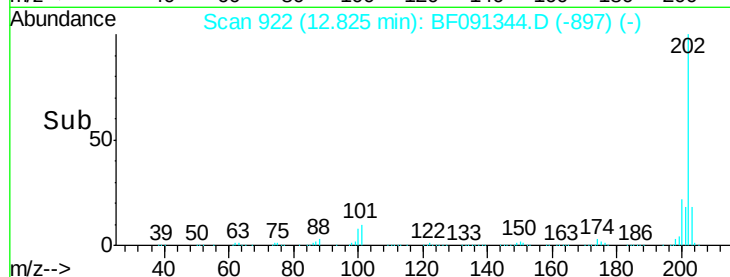
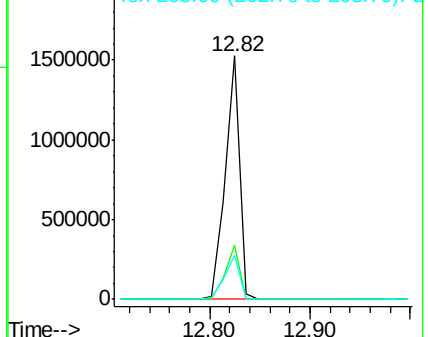
203 18.0 14.0 21.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.08 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

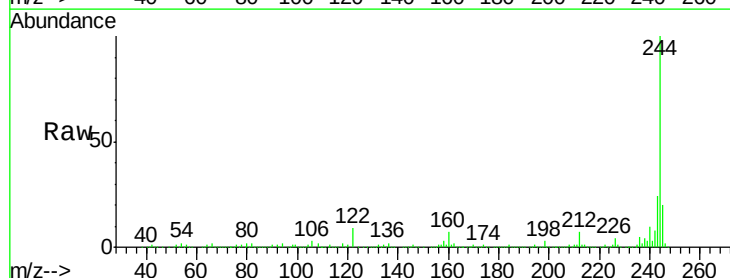
Tgt Ion:244 Resp: 1860050

Ion Ratio Lower Upper

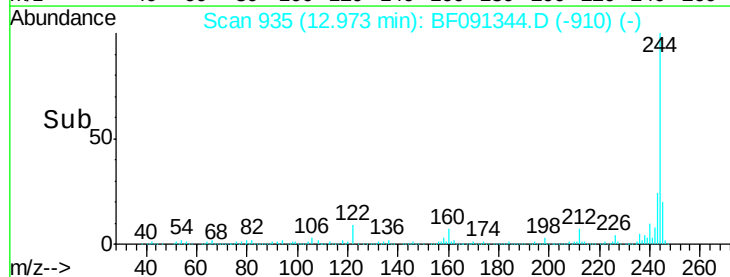
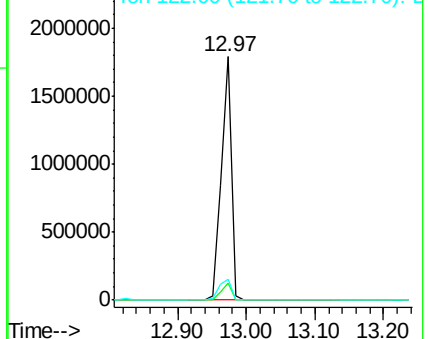
244 100

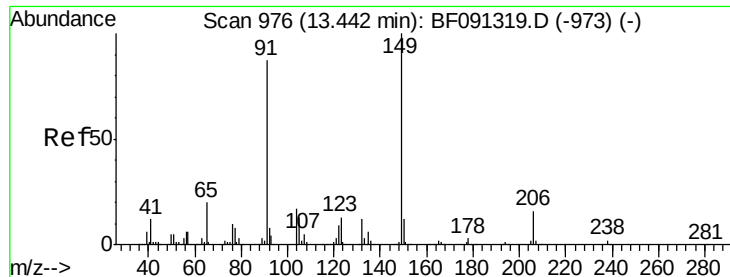
212 7.2 6.5 9.7

122 8.6 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





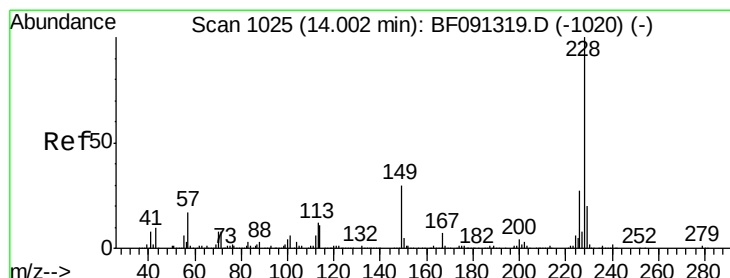
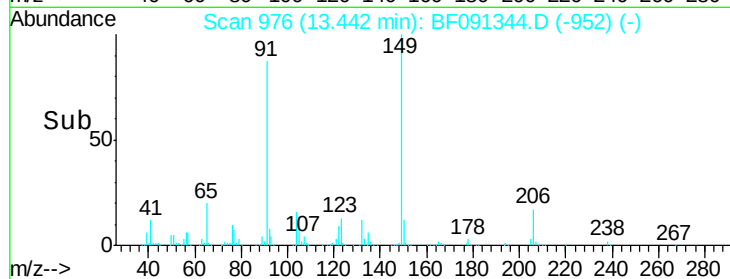
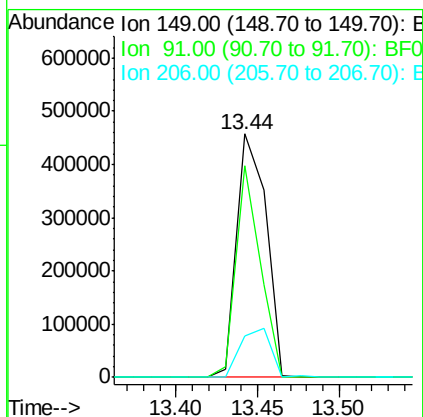
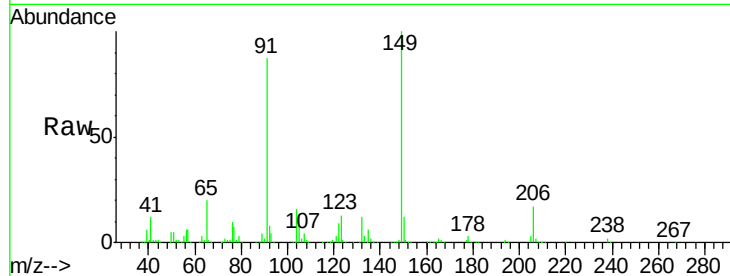
#79
Butylbenzylphthalate
Concen: 49.50 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	86.7	57.4	86.2#
206	17.2	15.4	23.2

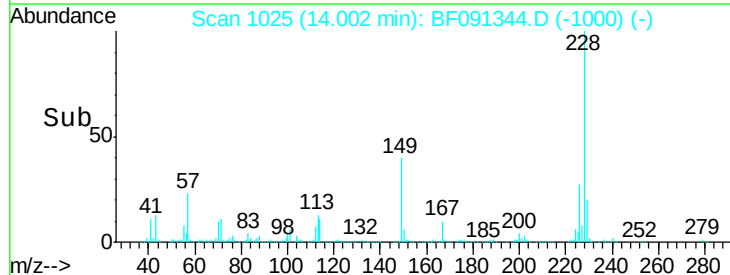
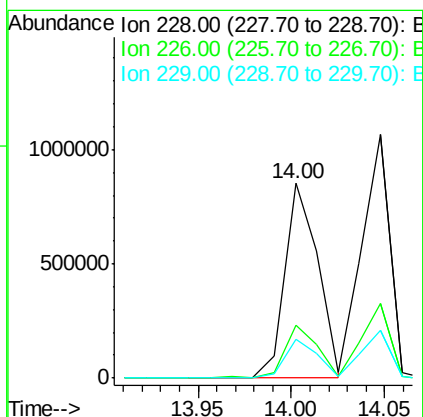
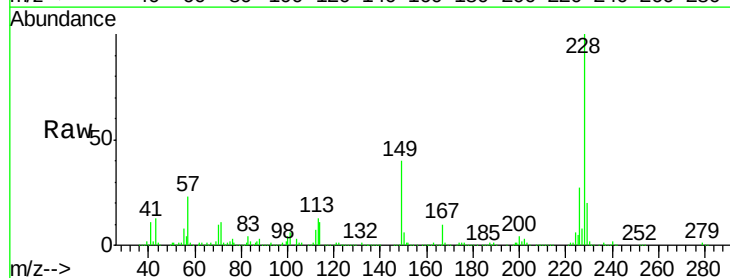
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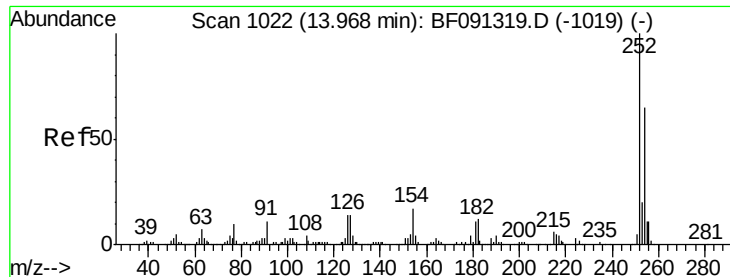
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#80
Benzo(a)anthracene
Concen: 44.39 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.8	16.4	24.6





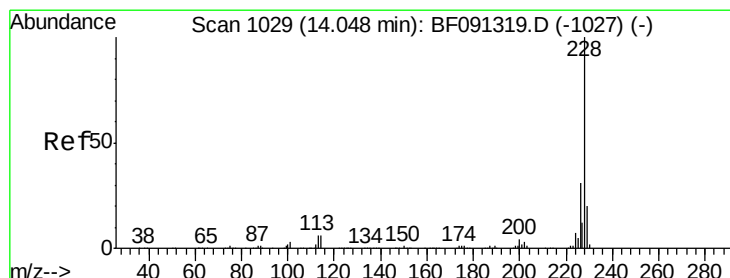
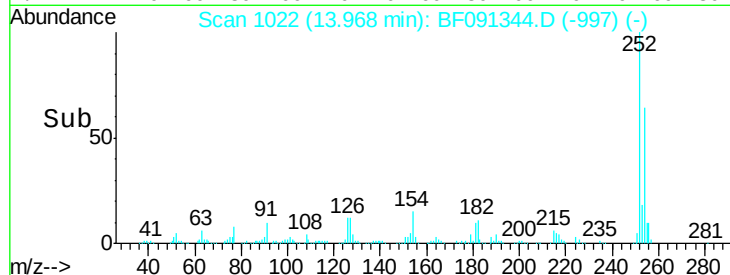
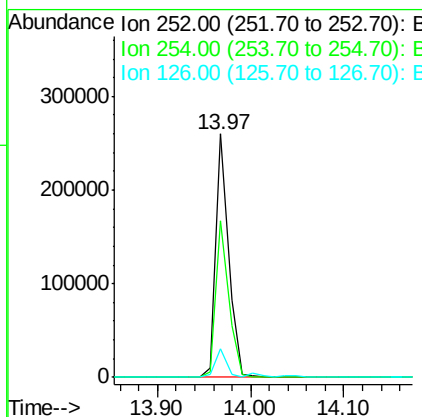
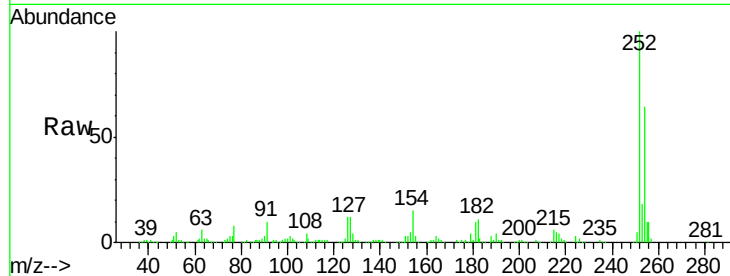
#81
 3,3'-Dichlorobenzidine
 Concen: 29.72 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	247333		
254	64.1	52.1	78.1	
126	12.0	7.5	11.3	

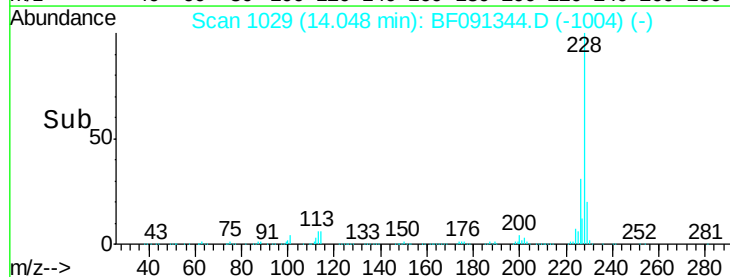
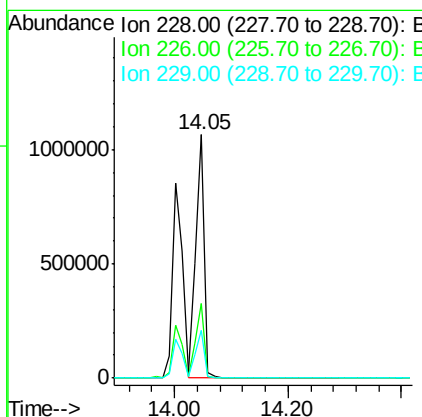
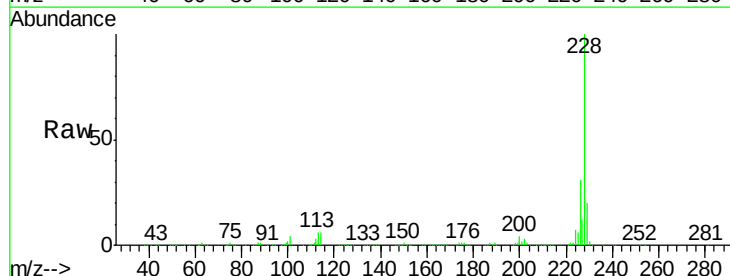
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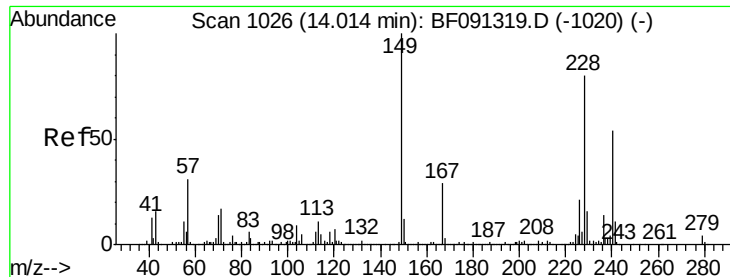
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#82
 Chrysene
 Concen: 47.53 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1110905		
226	30.6	25.0	37.4	
229	19.9	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.02 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

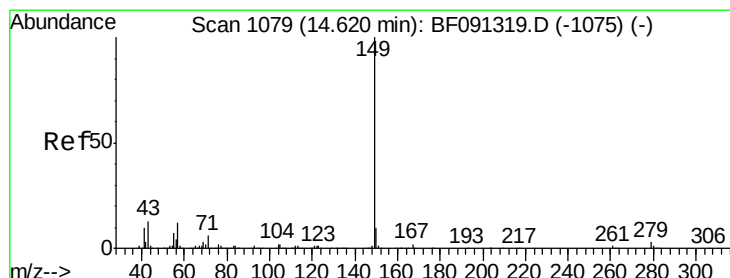
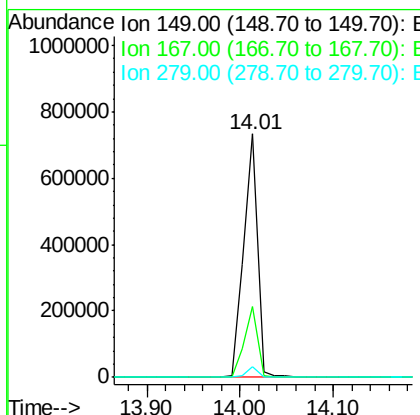
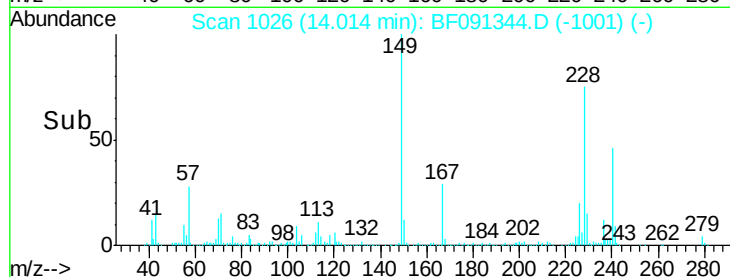
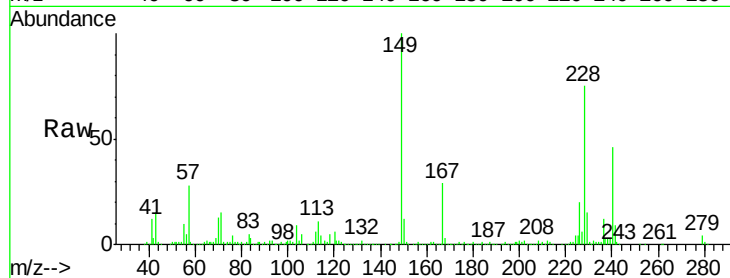
ClientSampleId :

PB94951BSD

Tot Ion:	149	Resp:	756887
Ion Ratio	Lower	Upper	
149	100		
167	29.0	19.6	29.4
279	4.5	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 53.23 ng

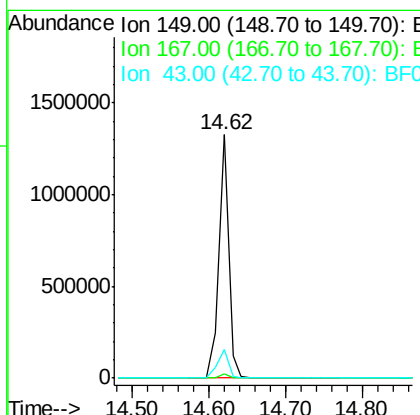
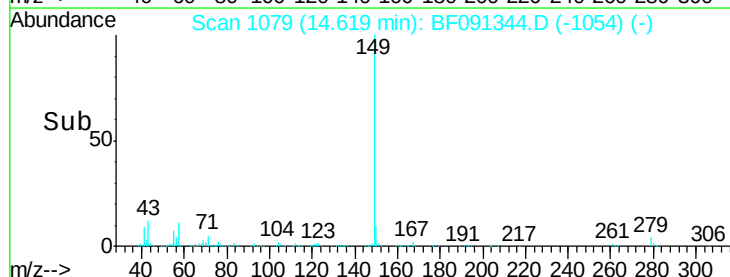
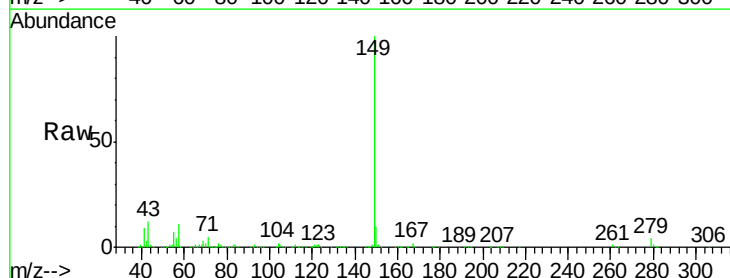
RT: 14.62 min Scan# 1079

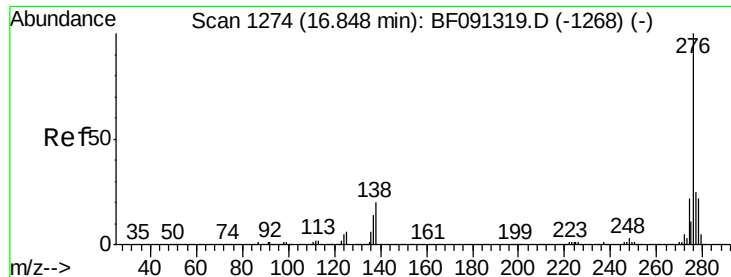
Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:	149	Resp:	1172018
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	13.4	11.9	17.9





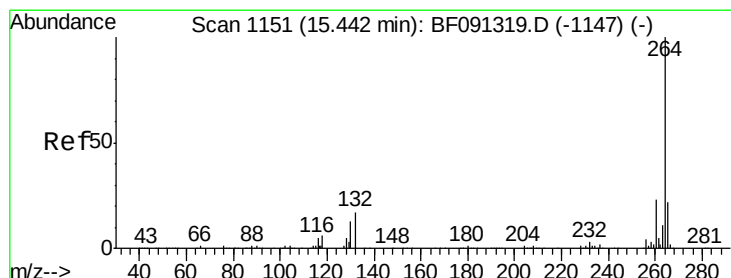
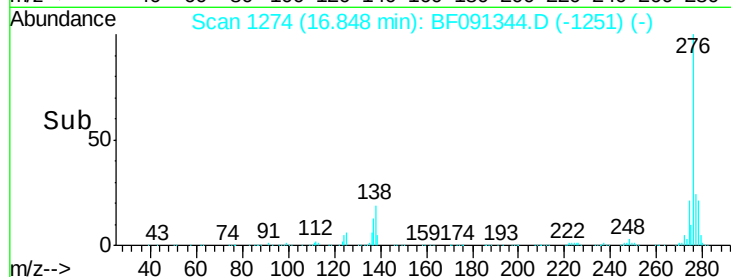
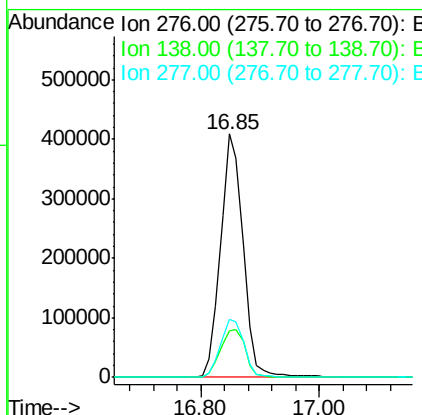
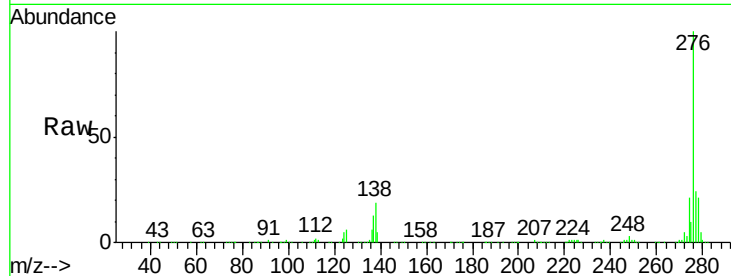
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.29 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.0	31.4
277	24.9	20.2	30.2

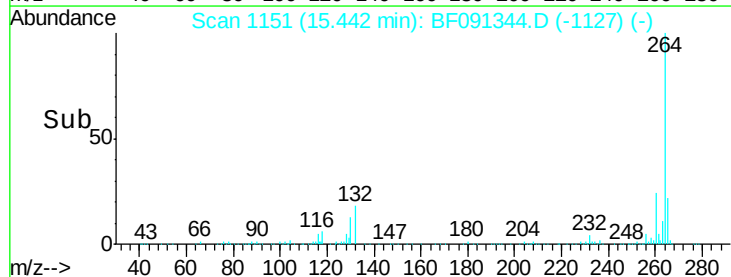
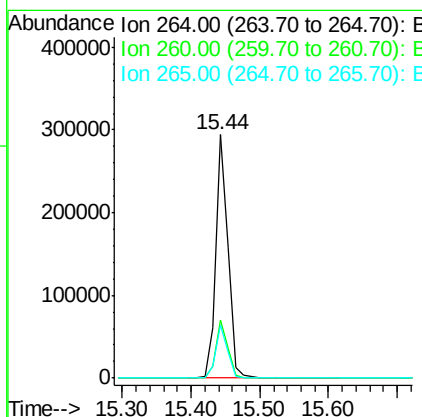
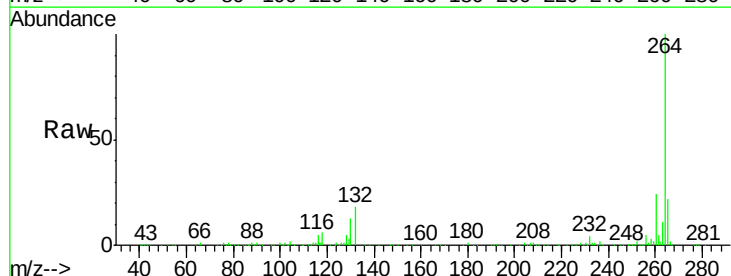
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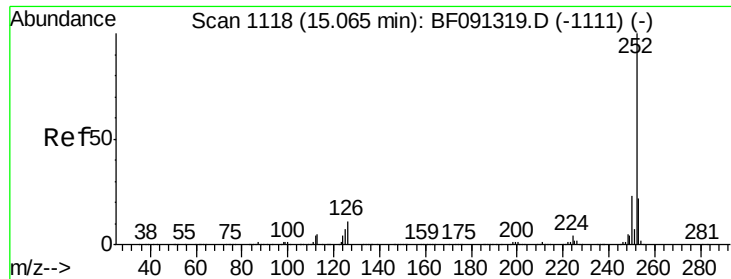
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.0	25.6





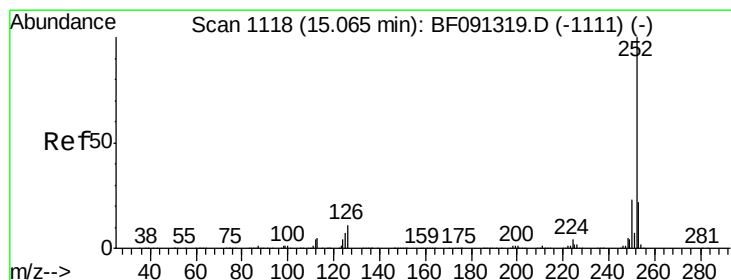
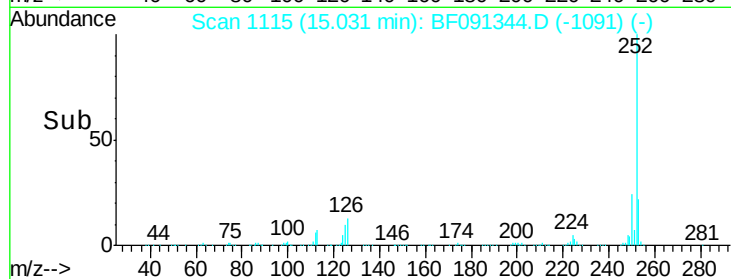
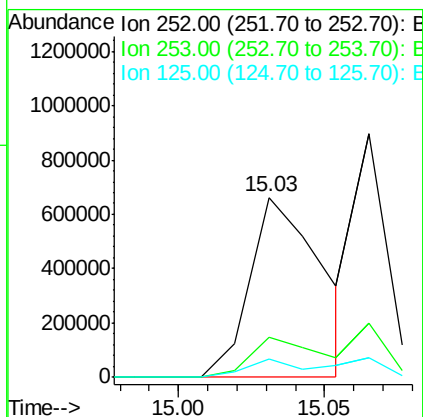
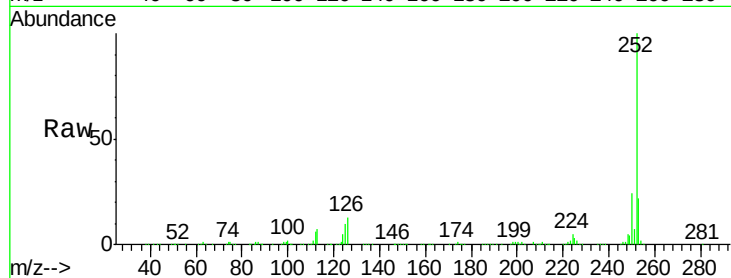
#87
Benzo(b)fluoranthene
Concen: 49.09 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.3	8.6	13.0

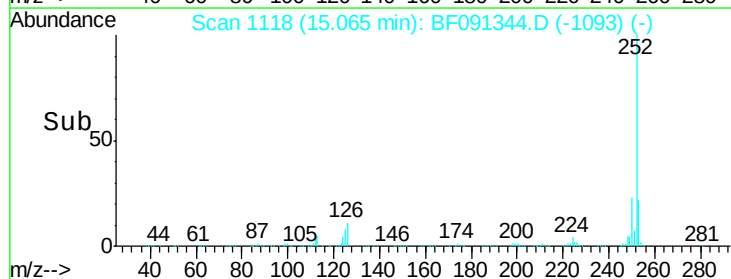
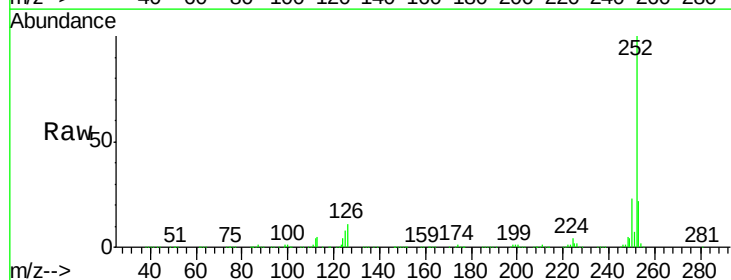
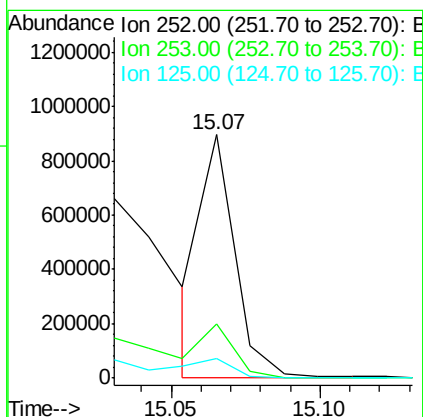
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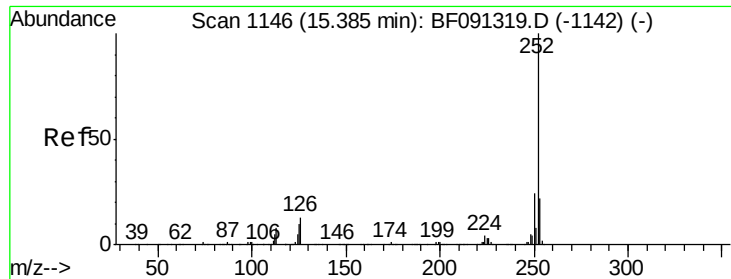
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#88
Benzo(k)fluoranthene
Concen: 37.07 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.0	9.6	14.4





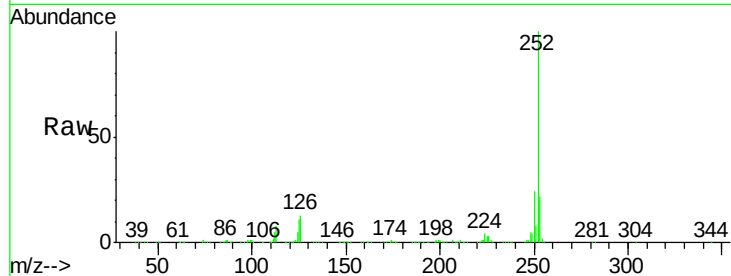
#89
Benzo(a)pyrene
Concen: 42.49 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

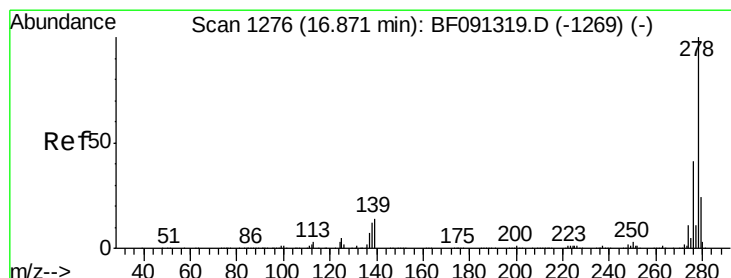
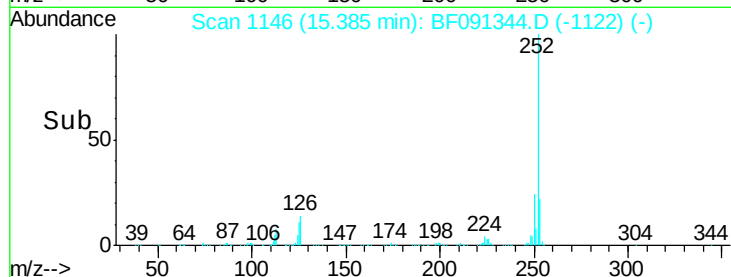
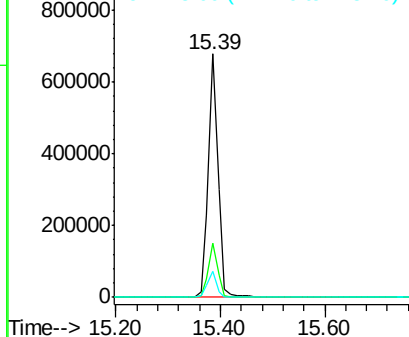
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.5	10.4	15.6

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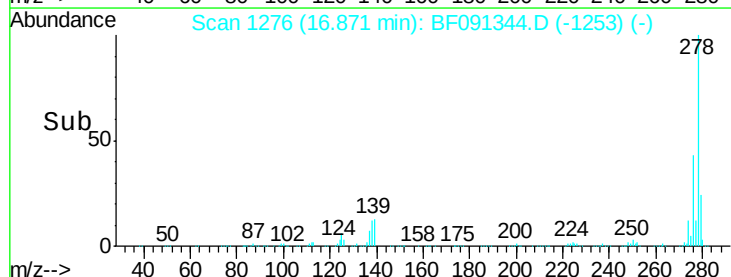
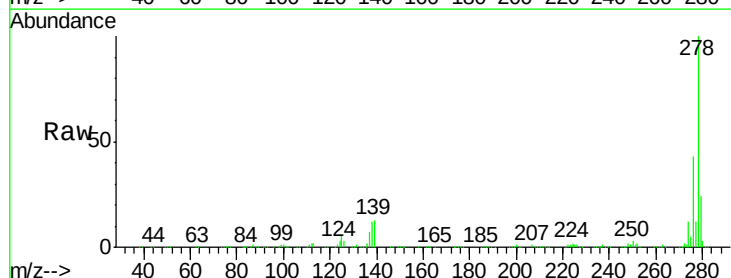
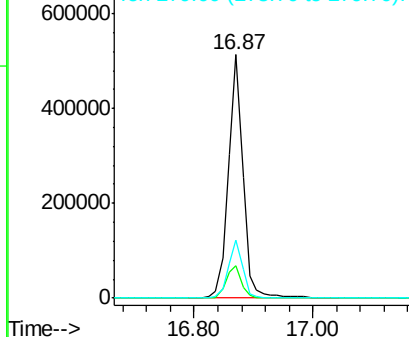
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

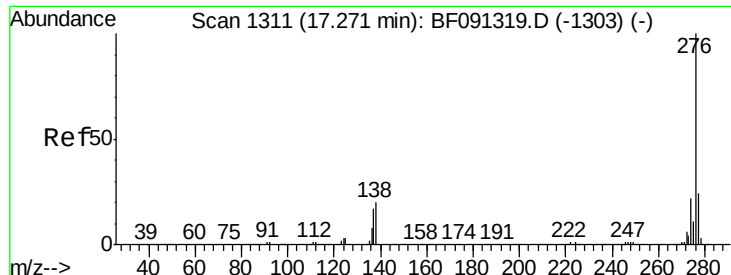


#90
Dibenzo(a,h)anthracene
Concen: 46.19 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.1	22.7#
279	23.8	19.0	28.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.85 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94951BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.8	15.4	23.0

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