

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092113.D
 Acq On : 6 Jan 2017 13:29
 Operator : UM/SJ
 Sample : PB95763BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB95763BS

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:47:19 AM

Quant Time: Jan 06 16:14:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	181757	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	719912	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	382084	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	623114	20.00	ng	0.00
75) Chrysene-d12	13.79	240	416421	20.00	ng	0.00
86) Perylene-d12	15.15	264	344432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1599478	146.94	ng	0.01
7) Phenol-d6	6.31	99	1942312	146.15	ng	0.00
23) Nitrobenzene-d5	7.21	82	1124768	86.88	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	402698	127.35	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1890215	104.29	ng	0.00
78) Terphenyl-d14	12.75	244	1950918	113.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	230112	42.94	ng	97
3) Pyridine	2.82	79	571265	30.54	ng	96
4) n-Nitrosodimethylamine	2.78	42	289785	41.07	ng	99
6) Aniline	6.31	93	227080	13.16	ng	# 87
8) 2-Chlorophenol	6.44	128	603611	48.75	ng	91
9) Benzaldehyde	6.18	77	49670	4.82	ng	95
10) Phenol	6.32	94	677339	44.73	ng	# 77
11) bis(2-Chloroethyl)ether	6.39	93	614473	50.99	ng	96
12) 1,3-Dichlorobenzene	6.58	146	600330	45.42	ng	98
13) 1,4-Dichlorobenzene	6.66	146	584996m	43.48	ng	
14) 1,2-Dichlorobenzene	6.81	146	523336	44.83	ng	99
15) Benzyl Alcohol	6.80	79	429355	41.58	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	763795	42.56	ng	82
17) 2-Methylphenol	6.93	107	442826	44.47	ng	93
18) Hexachloroethane	7.16	117	212930	42.69	ng	96
19) n-Nitroso-di-n-propylamine	7.08	70	426242	48.21	ng	91
20) 3+4-Methylphenols	7.09	107	608524	51.23	ng	# 73
22) Acetophenone	7.06	105	788917	44.43	ng	# 91
24) Nitrobenzene	7.24	77	630806	45.75	ng	91
25) Isophorone	7.48	82	1078897	45.17	ng	96
26) 2-Nitrophenol	7.56	139	306597	45.09	ng	# 80
27) 2,4-Dimethylphenol	7.61	122	495021	43.89	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	654241	45.17	ng	100
29) 2,4-Dichlorophenol	7.81	162	443693	46.46	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	470451	44.95	ng	96
31) Naphthalene	7.96	128	1555507	47.21	ng	98
32) Benzoic acid	7.76	122	372837	44.57	ng	99
33) 4-Chloroaniline	8.01	127	82876	5.58	ng	96
34) Hexachlorobutadiene	8.07	225	238781	43.22	ng	99
35) Caprolactam	8.39	113	152735m	48.67	ng	
36) 4-Chloro-3-methylphenol	8.52	107	486777	44.29	ng	99
37) 2-Methylnaphthalene	8.64	142	952252	49.45	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	443656	45.96	ng	98
40) Hexachlorocyclopentadiene	8.80	237	410823	94.78	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	286697	42.47	nq	94
43) 2,4,5-Trichlorophenol	8.98	196	311900	44.89	nq #	85
45) 1,1'-Biphenyl	9.11	154	1290517	49.33	nq	99
46) 2-Chloronaphthalene	9.13	162	993868	47.97	nq	98
47) 2-Nitroaniline	9.24	65	325832	44.17	nq	91
48) Acenaphthylene	9.54	152	1500965	47.11	nq	99
49) Dimethylphthalate	9.42	163	1056854	43.25	nq	99
50) 2,6-Dinitrotoluene	9.48	165	226599	42.36	nq #	68
51) Acenaphthene	9.72	154	946488	43.81	nq	99
52) 3-Nitroaniline	9.65	138	69425	10.49	nq	82
53) 2,4-Dinitrophenol	9.76	184	272491	91.56	nq #	80
54) Dibenzofuran	9.89	168	1272994	43.64	nq	97
55) 4-Nitrophenol	9.84	139	380424	84.64	nq	95
56) 2,4-Dinitrotoluene	9.89	165	326370	48.61	nq	96
57) Fluorene	10.23	166	1035166	48.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	262507	47.77	nq	99
59) Diethylphthalate	10.12	149	1054365	44.43	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	401648	43.22	nq	100
61) 4-Nitroaniline	10.26	138	274266	39.98	nq	95
62) Azobenzene	10.38	77	1216945	46.57	nq	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	168318	44.67	nq #	36
65) n-Nitrosodiphenylamine	10.34	169	840521	45.46	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	307166	47.39	nq	92
67) Hexachlorobenzene	10.77	284	306027	44.17	nq #	76
68) Atrazine	10.88	200	313018	52.48	nq	96
69) Pentachlorophenol	10.97	266	296940	87.35	nq	98
70) Phenanthrene	11.18	178	1401256	41.47	nq	99
71) Anthracene	11.24	178	1637221	63.49	nq	99
72) Carbazole	11.40	167	1443389	63.71	nq	99
73) Di-n-butylphthalate	11.73	149	1635665	51.70	nq	99
74) Fluoranthene	12.37	202	1549459	52.95	nq	91
76) Benzidine	12.49	184	323191	27.60	nq	97
77) Pyrene	12.59	202	1440378	47.14	nq	100
79) Butylbenzylphthalate	13.23	149	778482	56.02	nq #	83
80) Benzo(a)anthracene	13.77	228	1197758	50.96	nq	100
81) 3,3'-Dichlorobenzidine	13.74	252	177493	19.91	nq	97
82) Chrysene	13.81	228	1042670	44.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	837851	51.20	nq	98
84) Di-n-octyl phthalate	14.39	149	1360662	44.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	928944	45.48	nq	100
87) Benzo(b)fluoranthene	14.78	252	1034675m	48.25	nq	
88) Benzo(k)fluoranthene	14.80	252	794633m	43.46	nq	
89) Benzo(a)pyrene	15.10	252	885054	46.50	nq #	97
90) Dibenzo(a,h)anthracene	16.44	278	769662	49.20	nq	95
91) Benzo(g,h,i)perylene	16.80	276	811158	49.87	nq	98

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

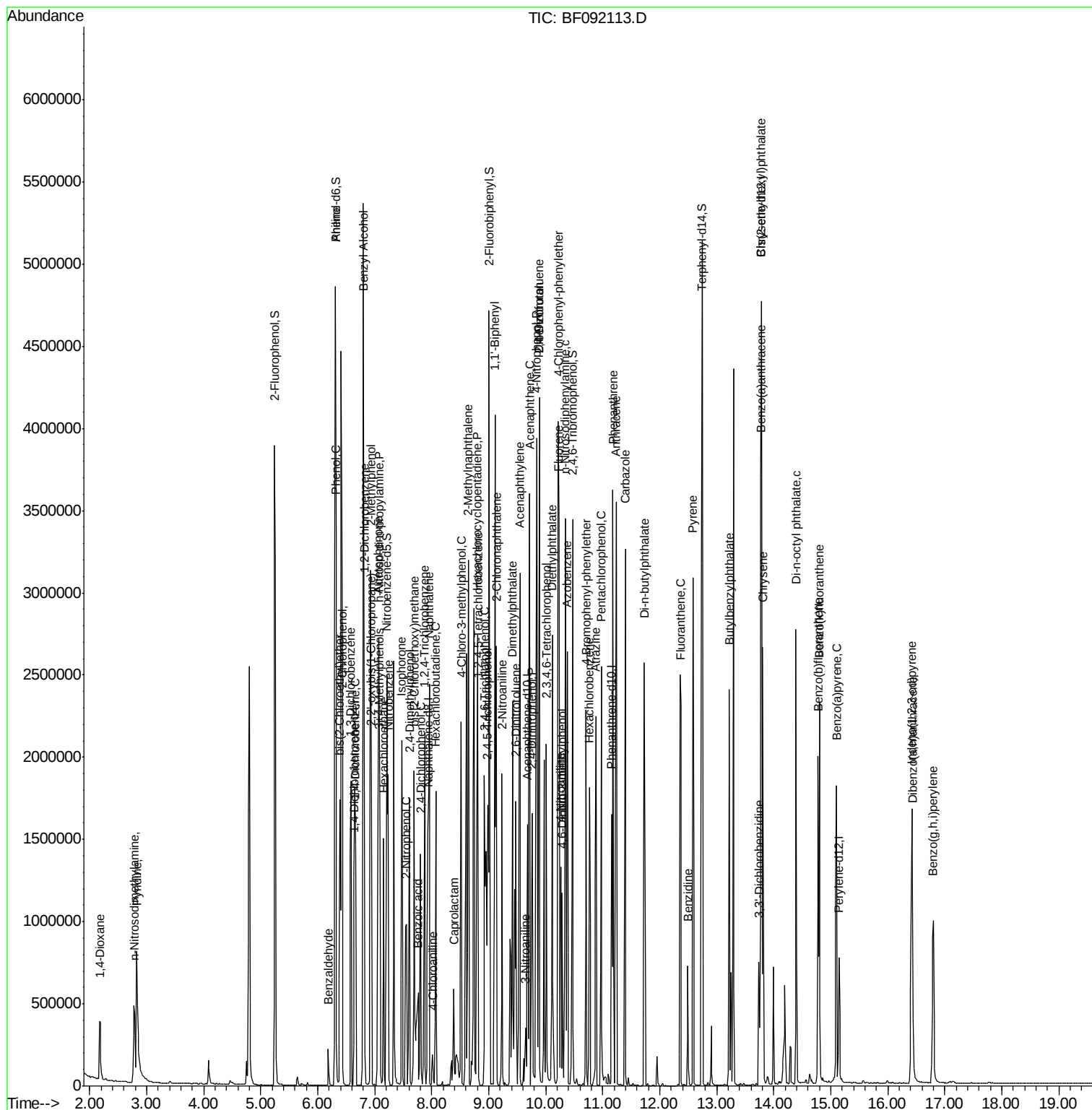
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Operator  : UM/SJ  
Sample    : PB95763BS  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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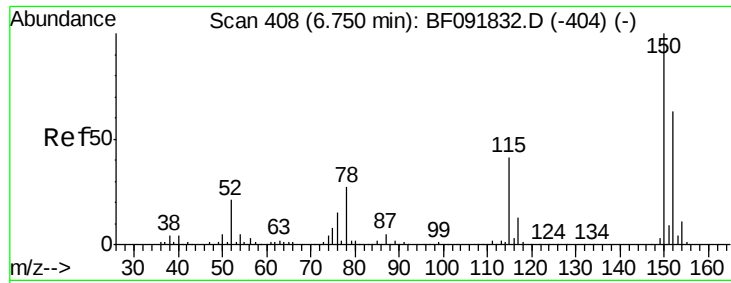
Instrument :
BNA_F
ClientSampleId :
PB95763BS

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#1

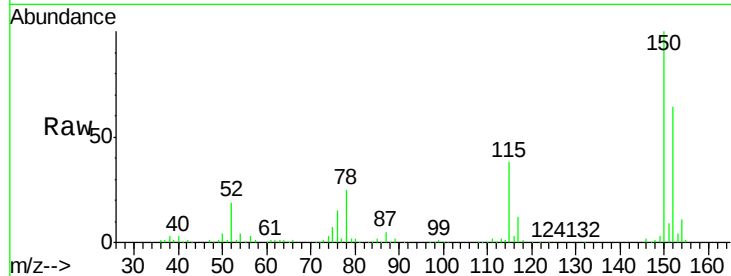
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

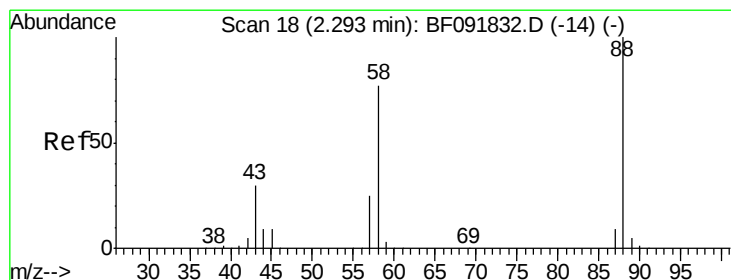
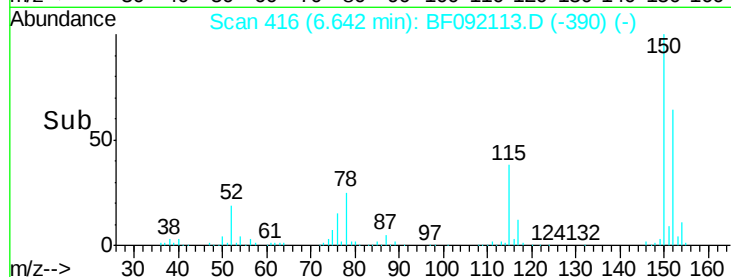
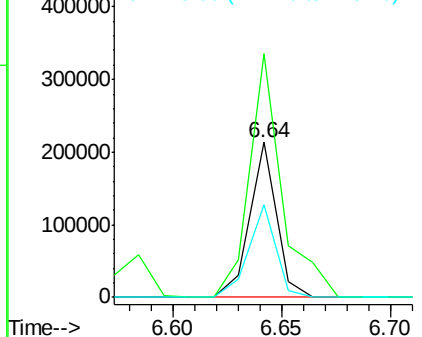
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	59.7	46.0	69.0

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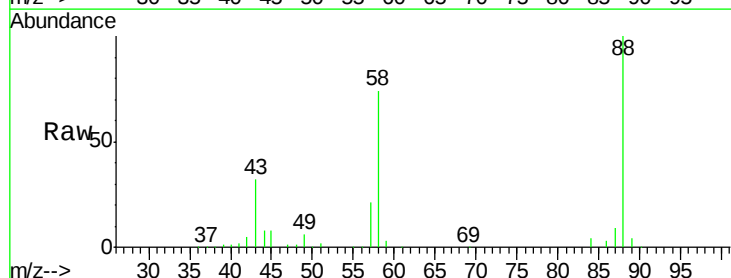
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



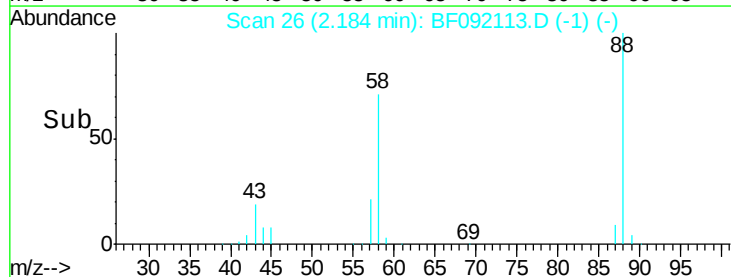
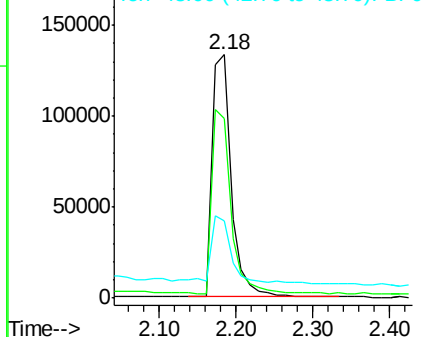
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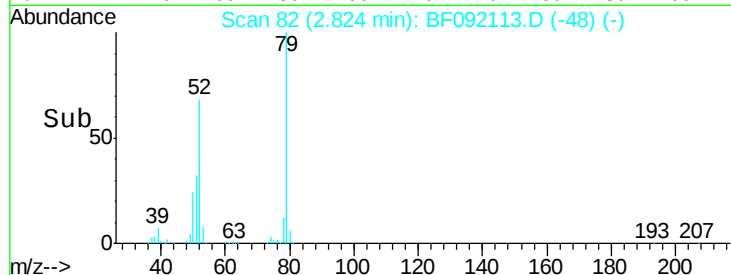
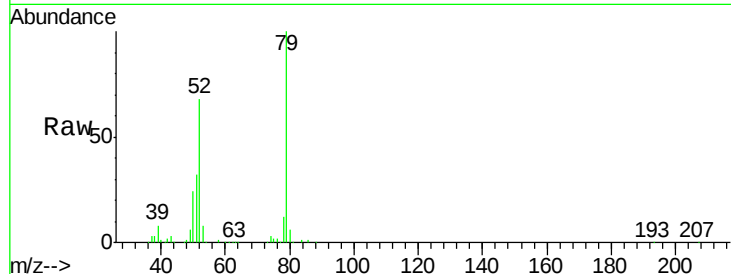
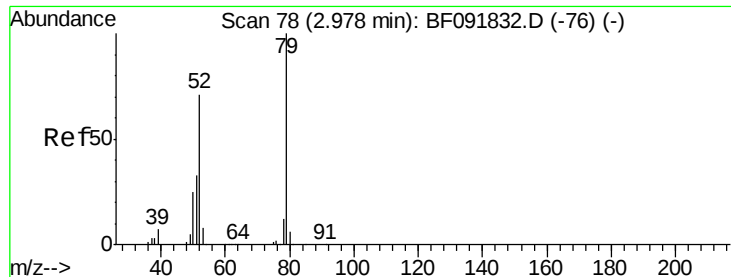
1,4-Dioxane
Concen: 42.94 ng
RT: 2.18 min Scan# 26
Delta R.T. 0.10 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	57.8	86.8
43	30.7	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





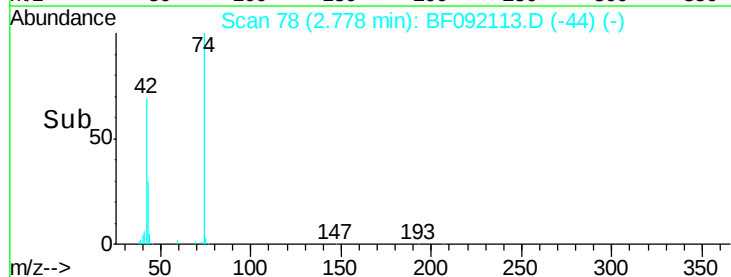
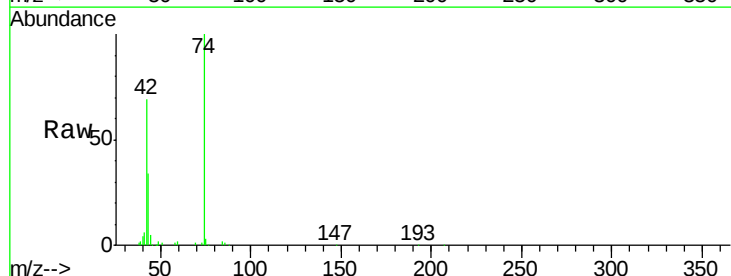
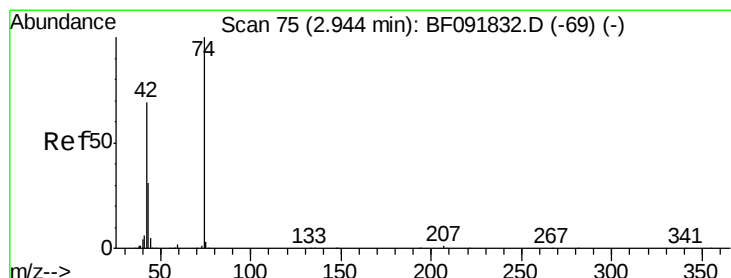
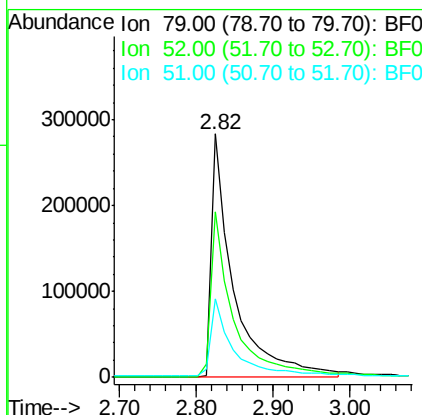
#3
 Pvridine
 Concen: 30.54 ng
 RT: 2.82 min Scan# 82
 Delta R.T. 0.09 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.1	57.1	85.7
51	32.3	27.3	40.9

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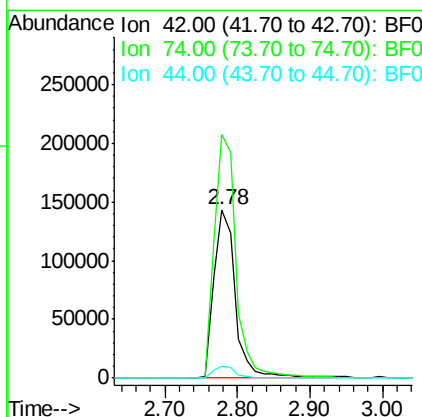
Manual Integrations
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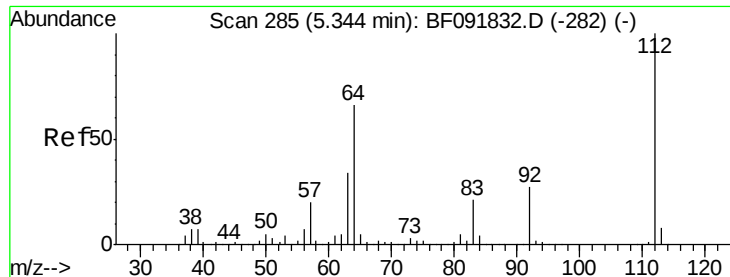
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#4
 n-Nitrosodimethylamine
 Concen: 41.07 ng
 RT: 2.78 min Scan# 78
 Delta R.T. 0.09 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.6	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 146.94 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

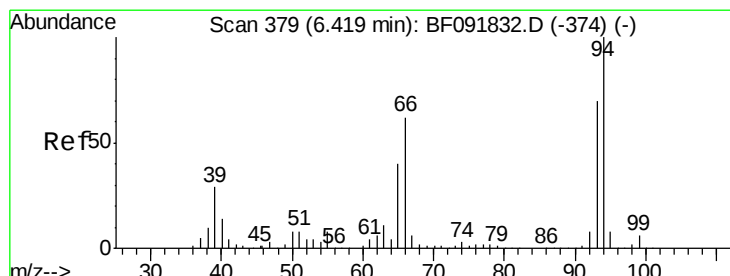
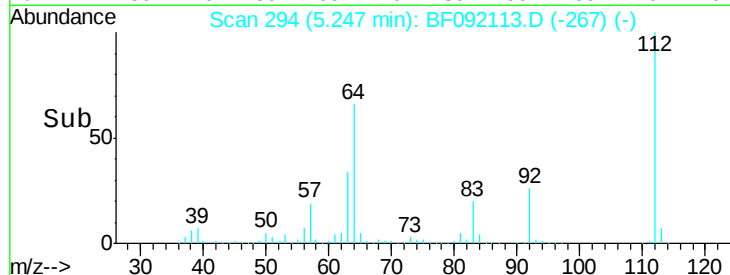
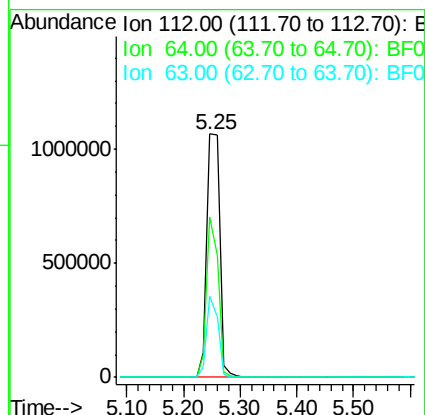
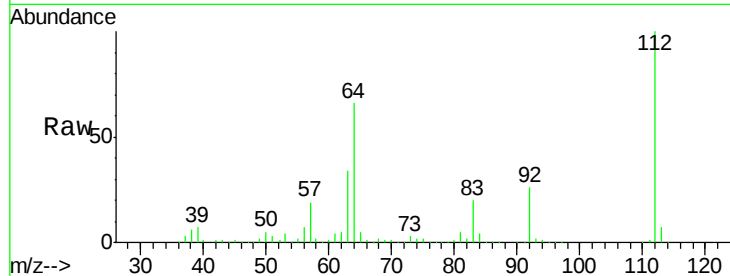
ClientSampled :

PB95763BS

Tot Ion:	112	Resp:	1599478
Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.1	69.1
63	33.5	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 13.16 ng

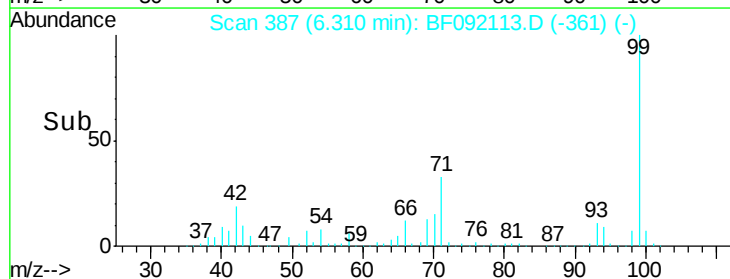
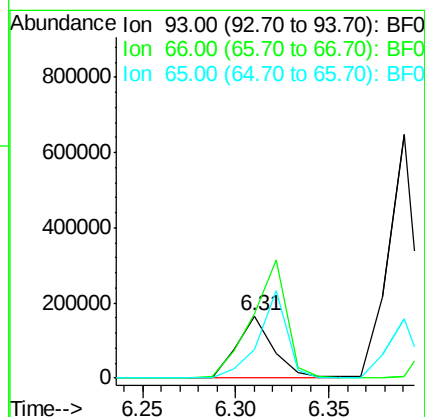
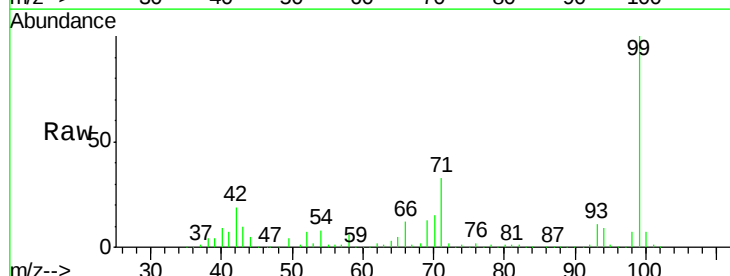
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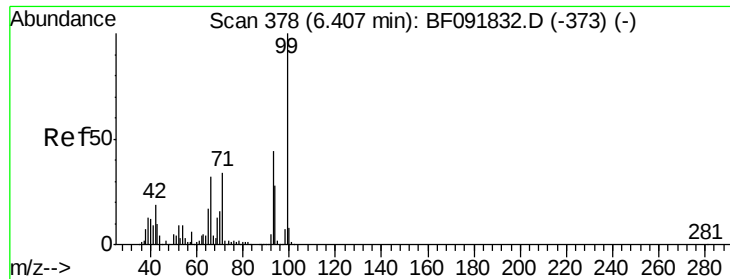
Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:	93	Resp:	227080
Ion	Ratio	Lower	Upper
93	100		
66	103.7	76.2	114.2
65	46.6	49.3	73.9#





#7

Phenol-d6

Concen: 146.15 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

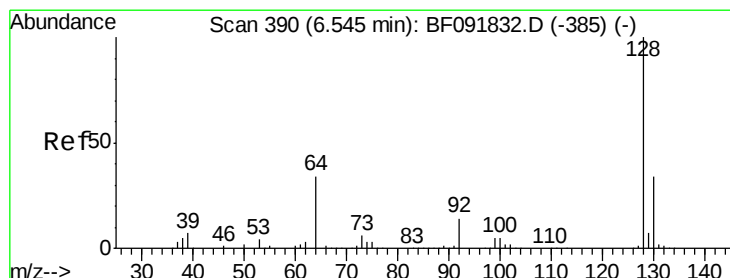
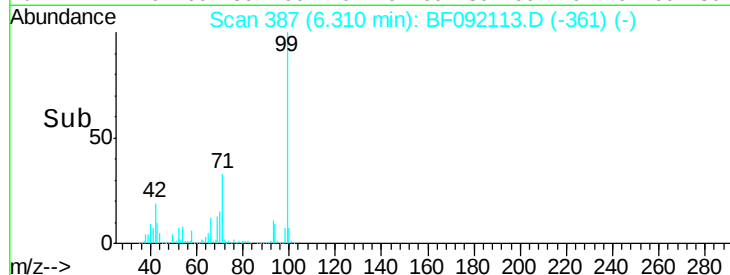
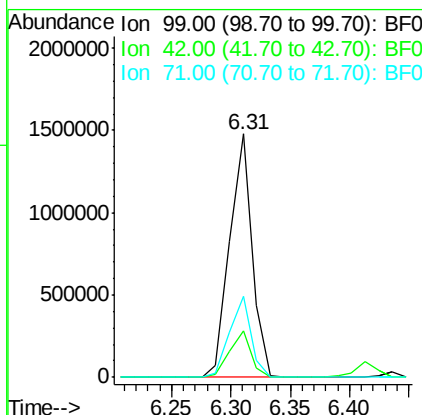
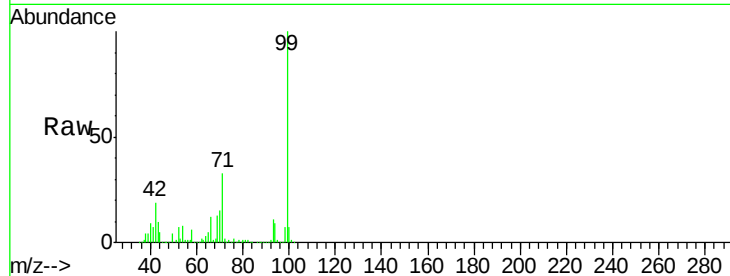
ClientSampleId :

PB95763BS

Tot Ion:	99	Resp:	1942312
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.6	23.4
71	33.4	27.5	41.3

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#8

2-Chlorophenol

Concen: 48.75 ng

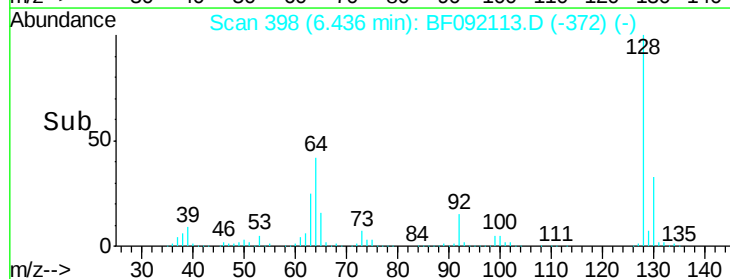
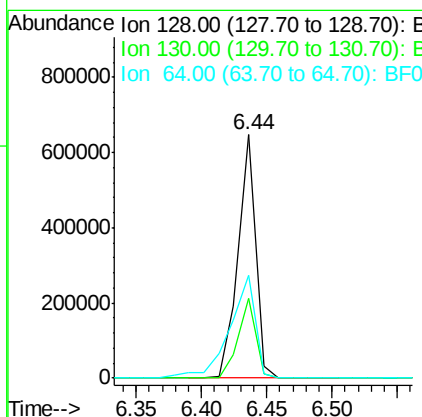
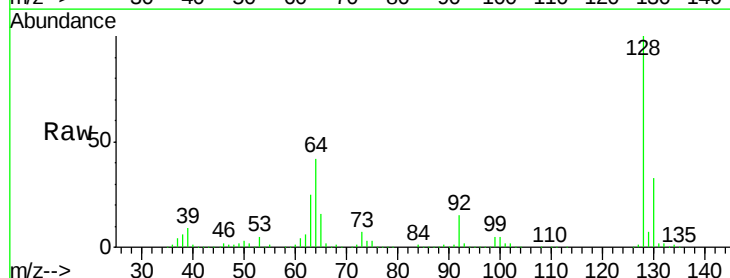
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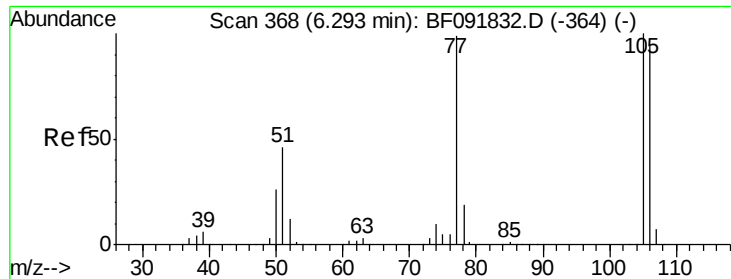
Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:	128	Resp:	603611
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	42.3	32.2	72.2





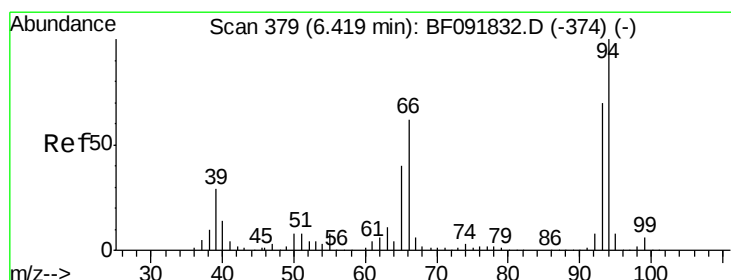
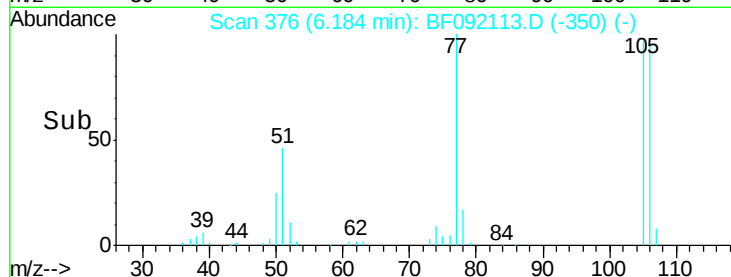
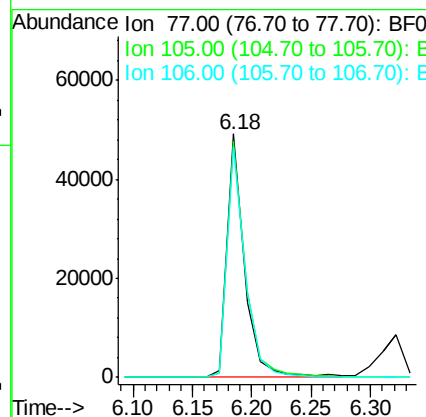
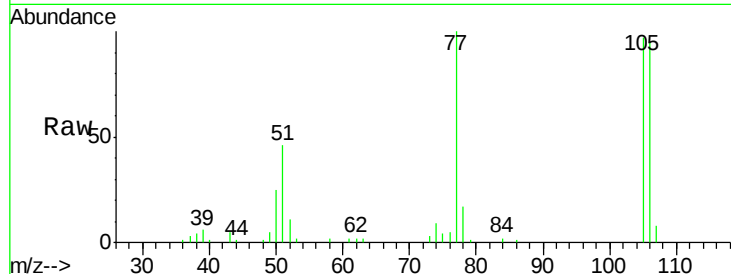
#9
Benzaldehyde
Concen: 4.82 ng
RT: 6.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF092113.D
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ClientSampleId :
PB95763BS

Tot Ion: 77 Resp: 49670
Ion Ratio Lower Upper
77 100
105 96.8 83.9 123.9
106 94.6 77.6 117.6

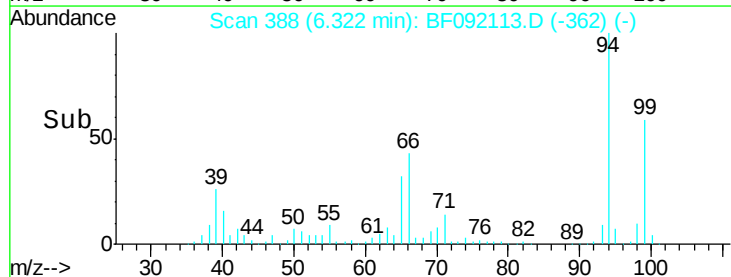
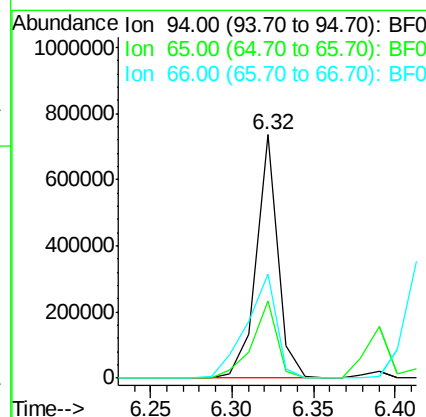
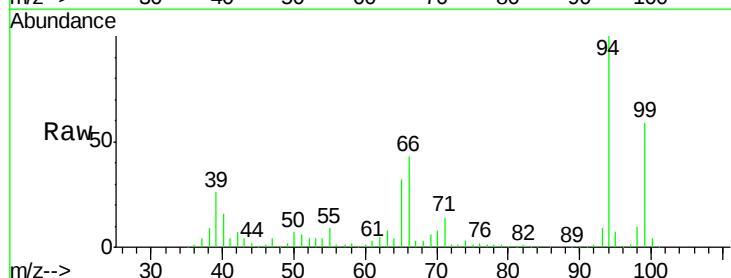
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#10
Phenol
Concen: 44.73 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion: 94 Resp: 677339
Ion Ratio Lower Upper
94 100
65 31.7 21.4 61.4
66 42.7 44.0 84.0#





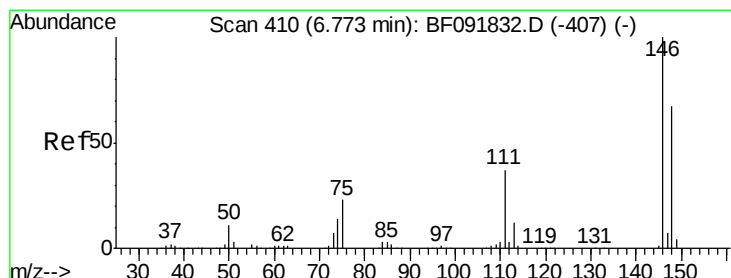
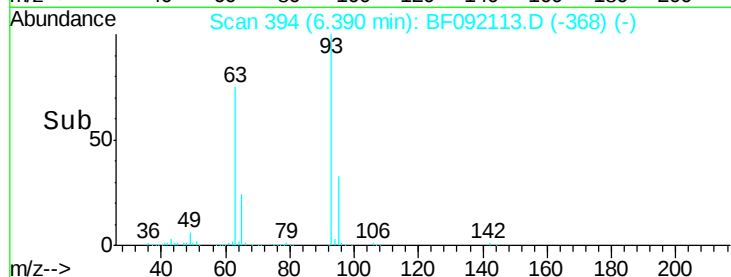
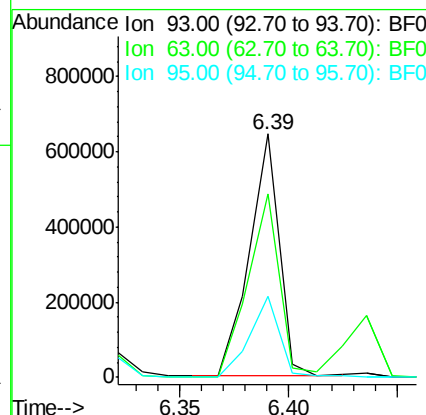
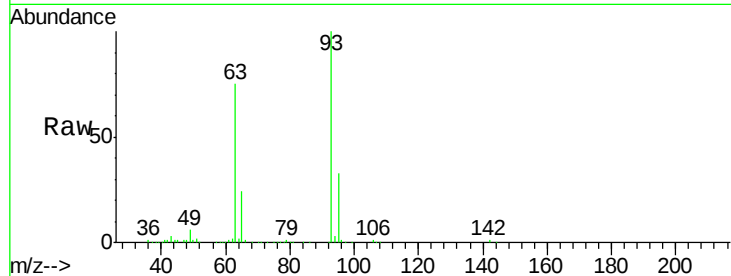
#11
bis(2-Chloroethyl)ether
Concen: 50.99 ng
RT: 6.39 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	60.4	100.4
95	33.0	12.8	52.8

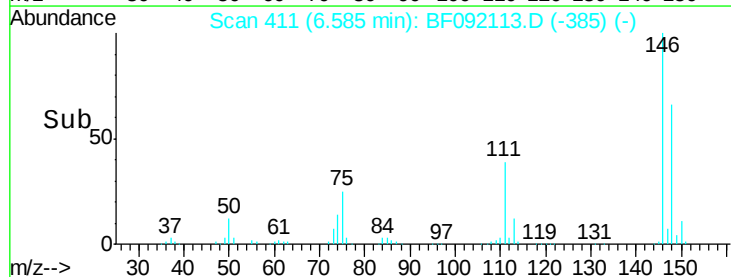
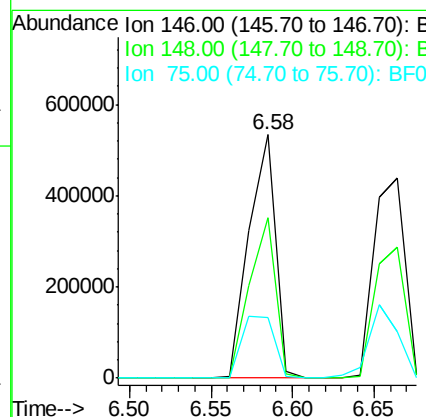
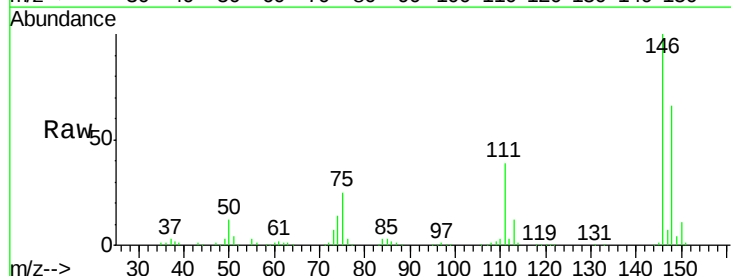
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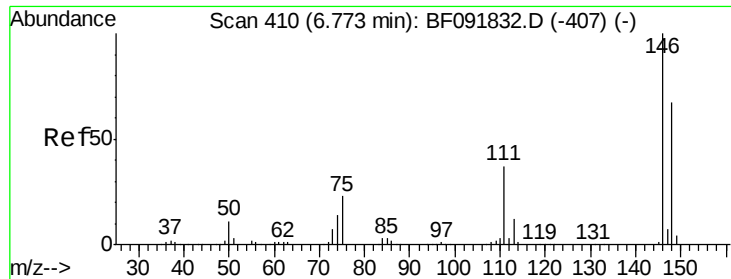
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#12
1,3-Dichlorobenzene
Concen: 45.42 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.4	80.0
75	24.8	18.5	27.7





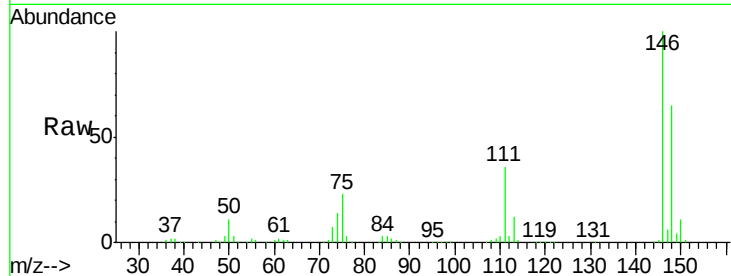
#13
1,4-Dichlorobenzene
Concen: 43.48 ng/ml
RT: 6.66 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleID :
PB95763BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	36.0	36.2	54.4

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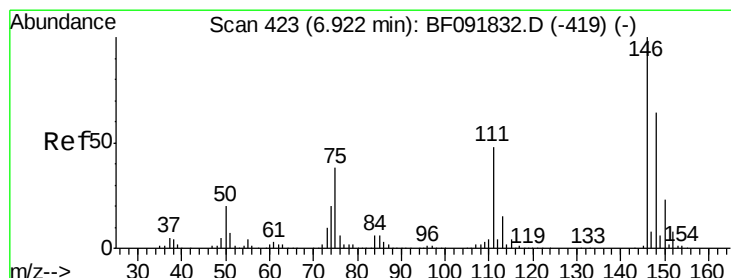
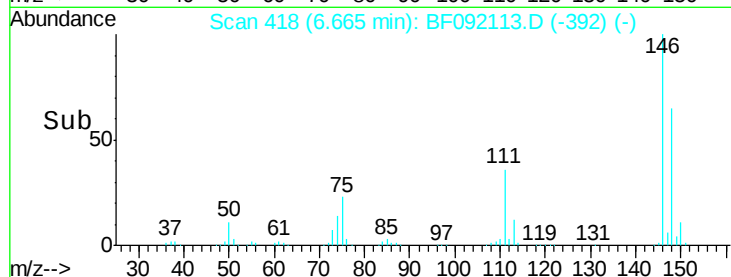
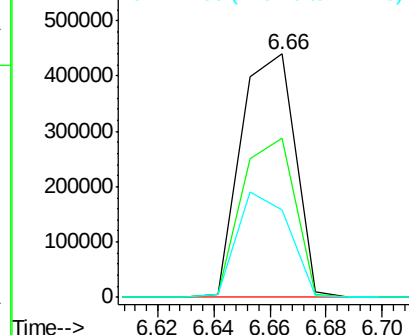


Abundance

Ion 146.00 (145.70 to 146.70): E

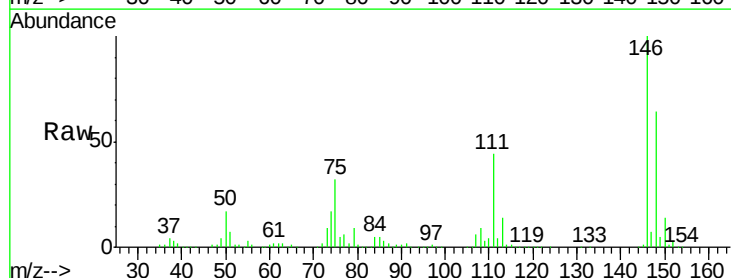
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 44.83 ng/ml
RT: 6.81 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	44.2	36.2	54.2

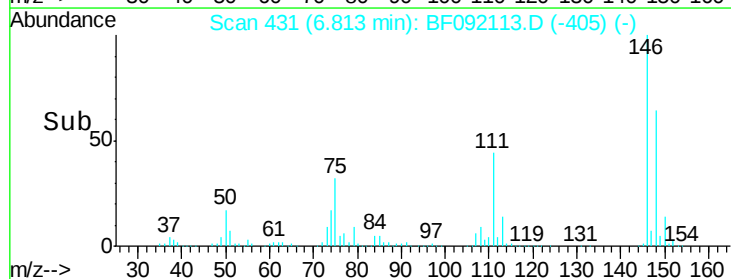
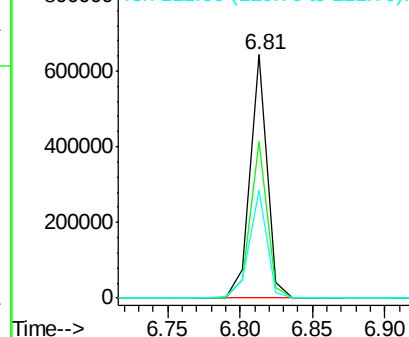


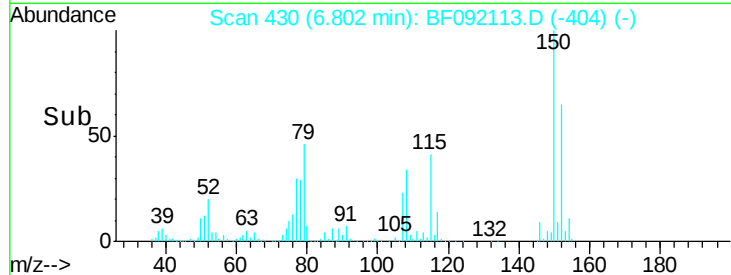
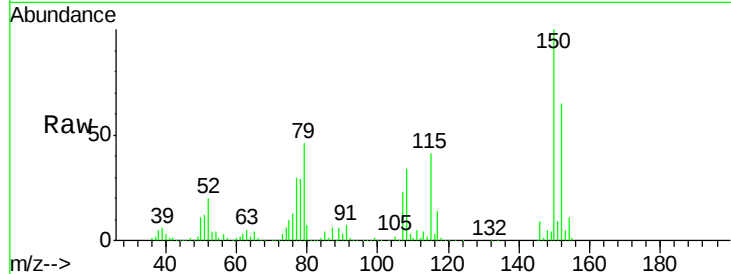
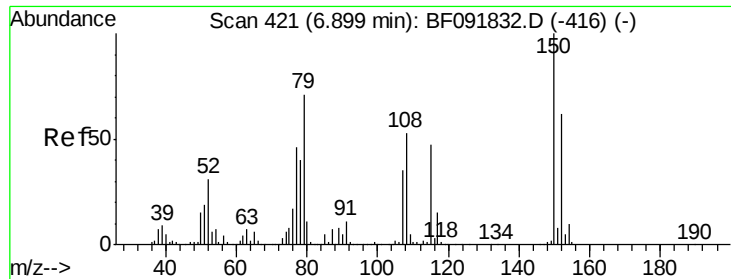
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





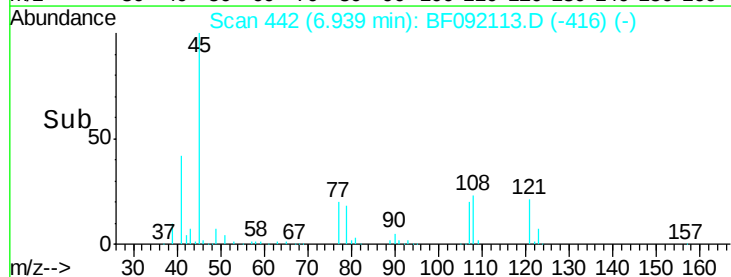
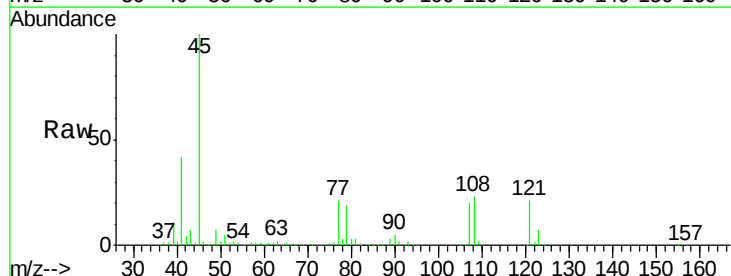
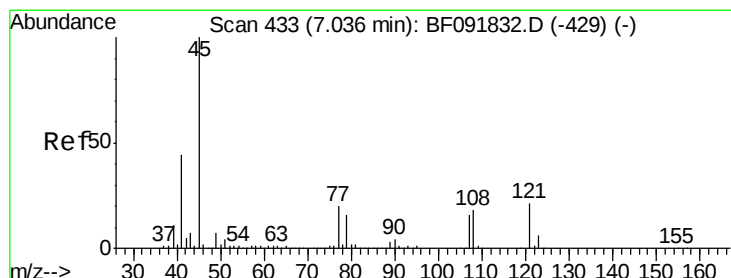
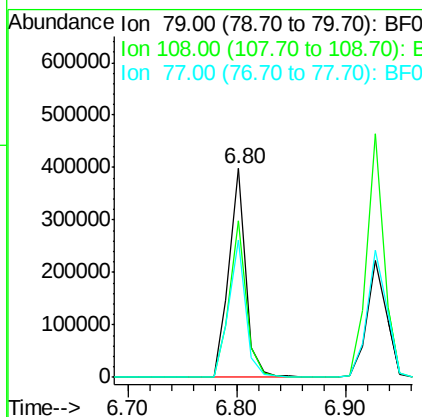
#15
Benzyl Alcohol
Concen: 41.58 ng
RT: 6.80 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.3	61.4	92.0	
77	65.7	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB95763BS

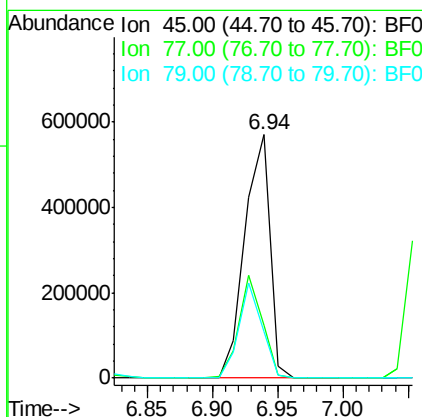
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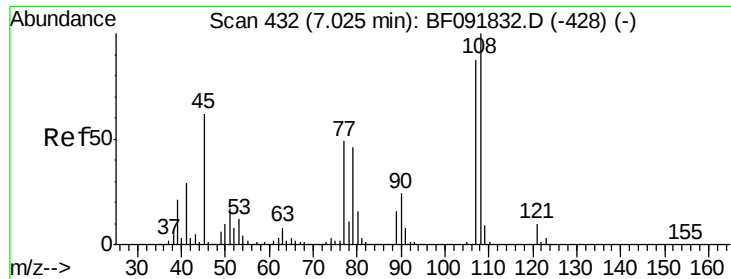
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.56 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	21.5	0.0	34.6	
79	19.0	0.0	31.2	





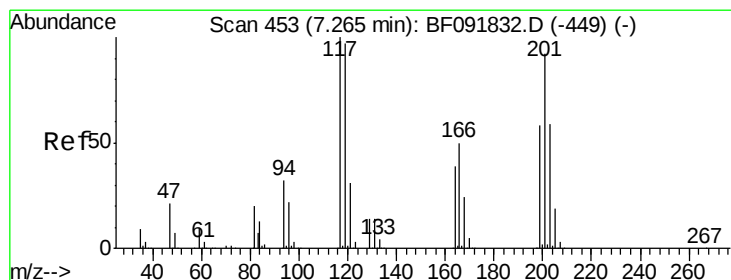
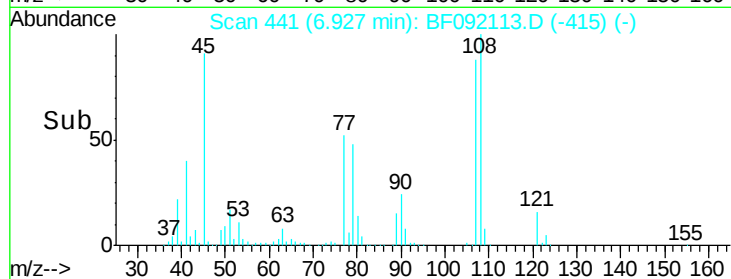
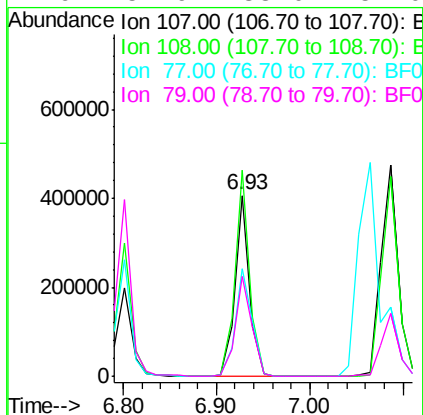
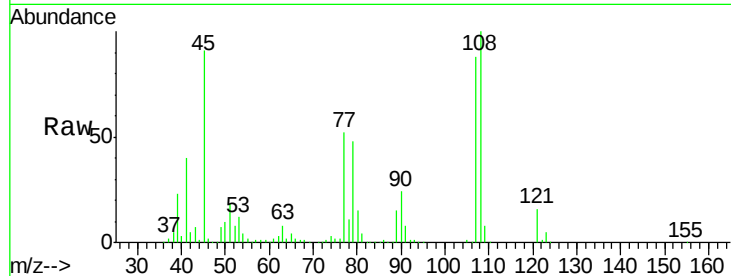
#17
2-Methylphenol
Concen: 44.47 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.0	139.6	
77	59.3	39.8	59.8	
79	54.9	38.0	57.0	

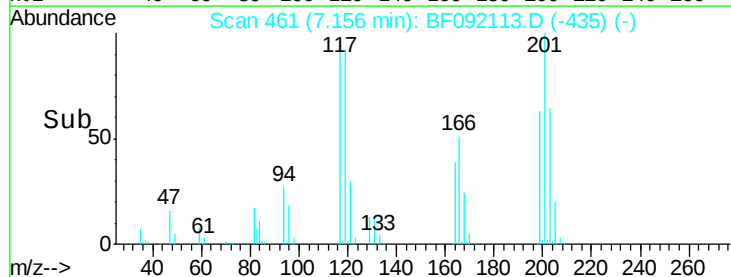
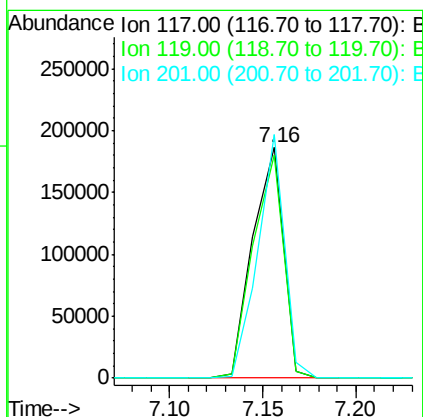
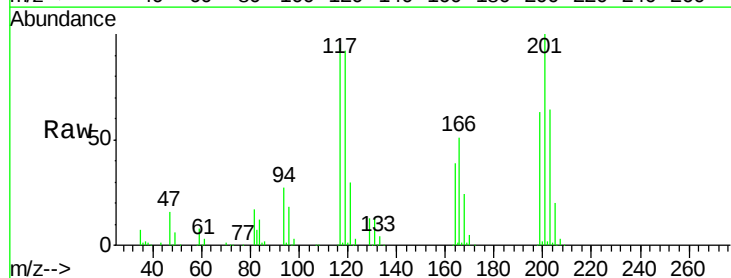
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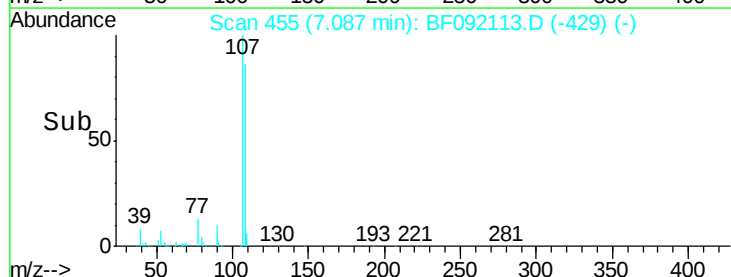
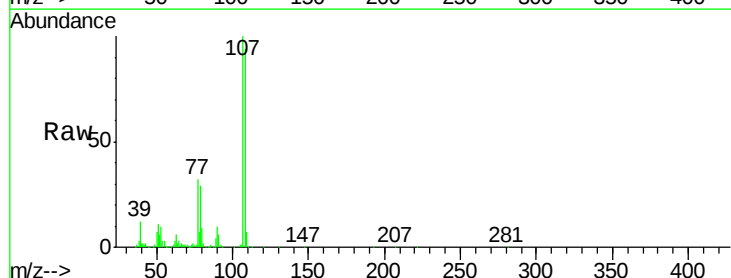
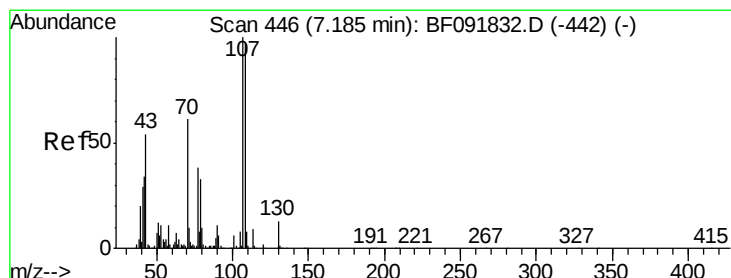
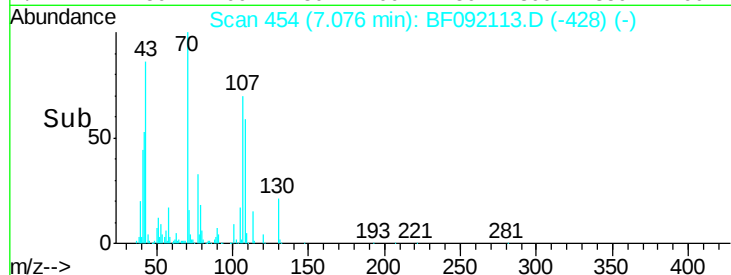
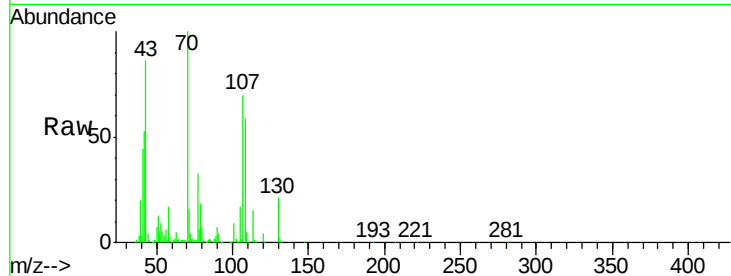
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#18
Hexachloroethane
Concen: 42.69 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

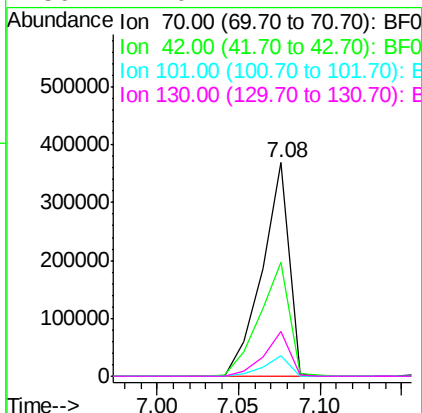
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	78.1	117.1	
201	105.7	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 48.21 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.4	49.4	74.0	
101	9.4	7.4	11.2	
130	21.0	14.2	21.4	



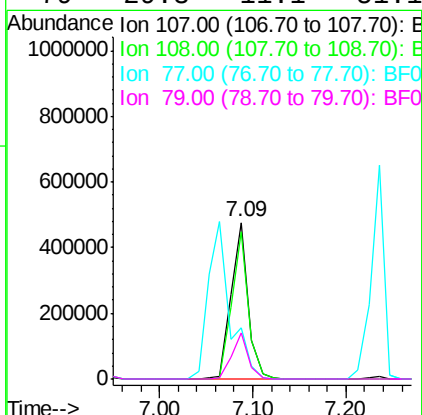
Instrument :
BNA_F
ClientSampleId :
PB95763BS

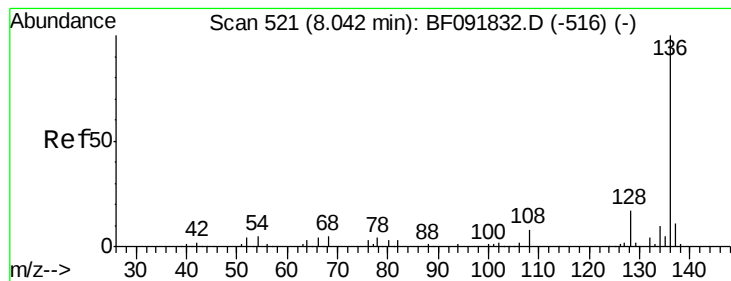
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#20
3+4-Methylphenols
Concen: 51.23 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.4	73.0	113.0	
77	32.4	71.3	111.3	
79	29.3	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

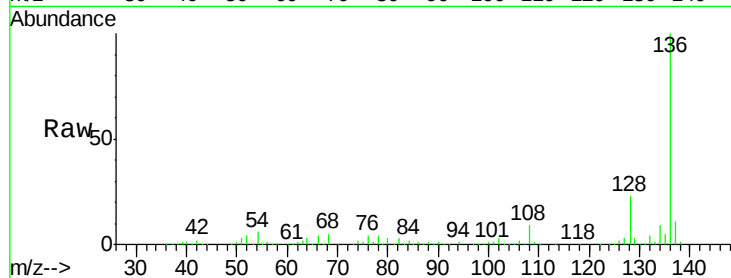
ClientSampled :

PB95763BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	719912		
137	10.6	8.4	12.6	
54	6.4	4.5	6.7	
68	5.0	3.6	5.4	

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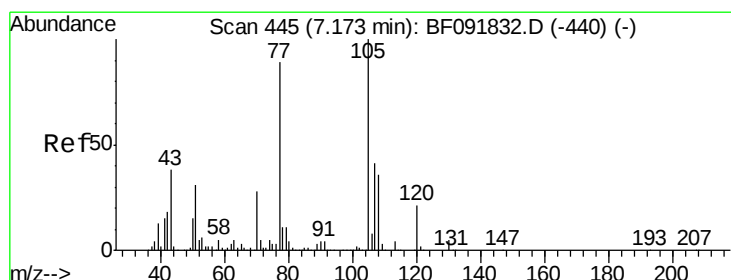
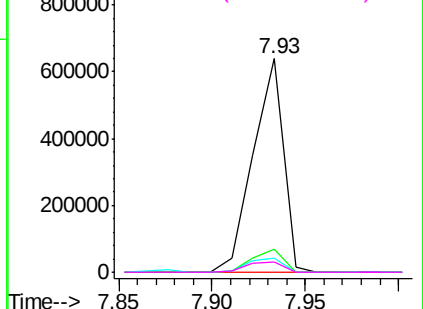
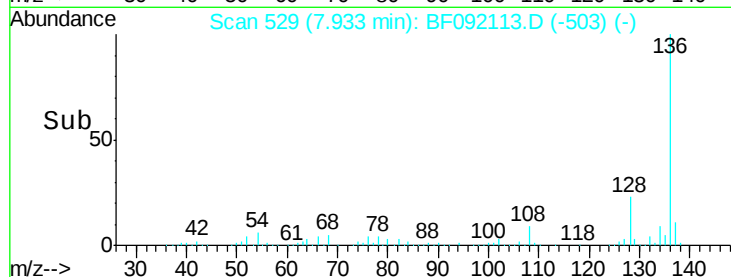


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.43 ng

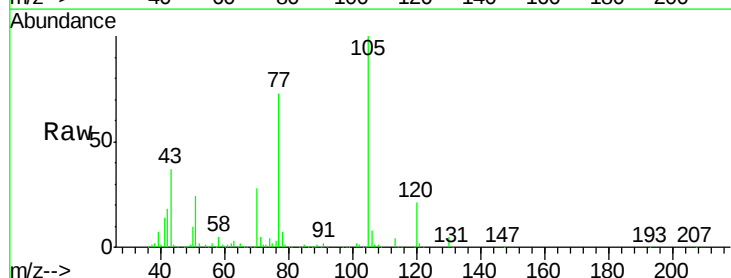
RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	788917		
71	4.8	3.2	4.8	
51	24.1	26.2	39.4	
120	21.2	16.6	24.8	

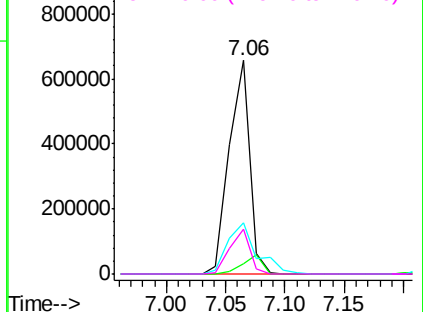
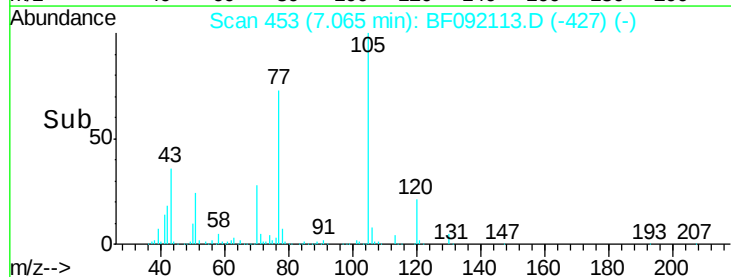


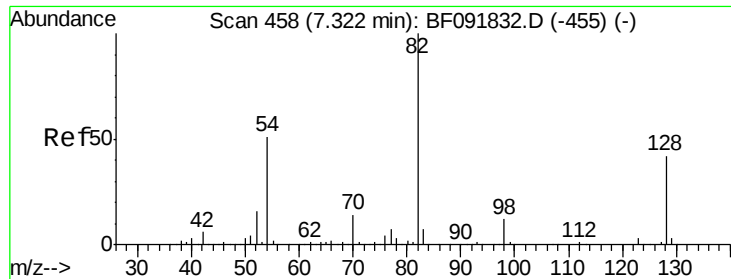
Abundance Ion 105.00 (104.70 to 105.70): E

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





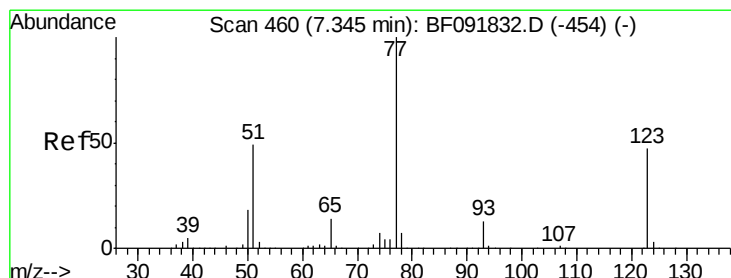
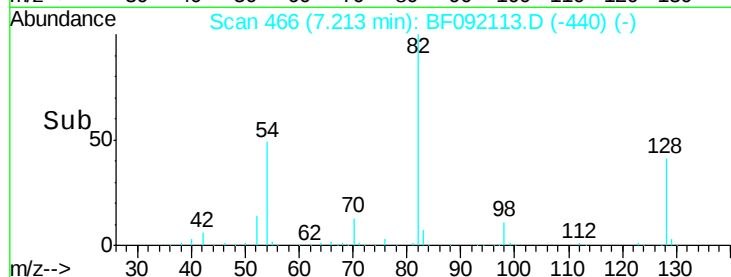
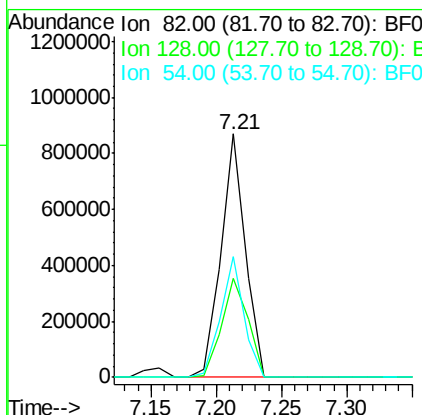
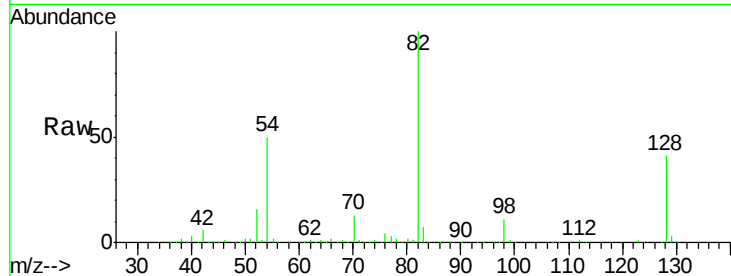
#23
Nitrobenzene-d5
Concen: 86.88 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion: 82 Resp: 1124768
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 49.7 39.5 59.3

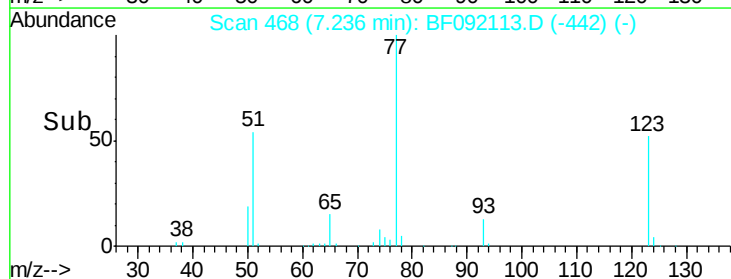
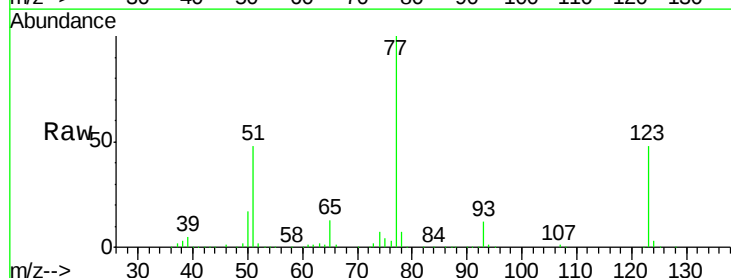
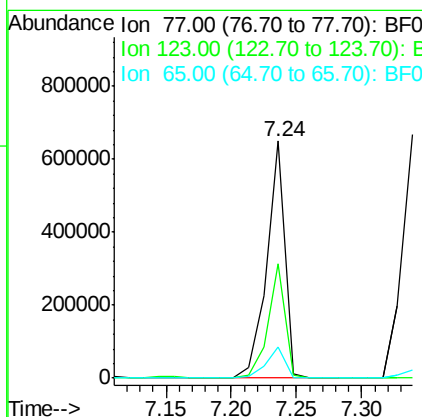
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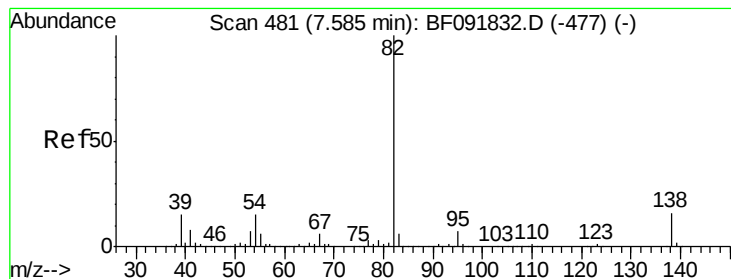
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#24
Nitrobenzene
Concen: 45.75 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion: 77 Resp: 630806
Ion Ratio Lower Upper
77 100
123 48.3 33.0 49.4
65 13.1 11.2 16.8





#25

Isophorone

Concen: 45.17 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

ClientSampleId :

PB95763BS

Tot Ion: 82 Resp: 1078897

Ion Ratio Lower Upper

82 100

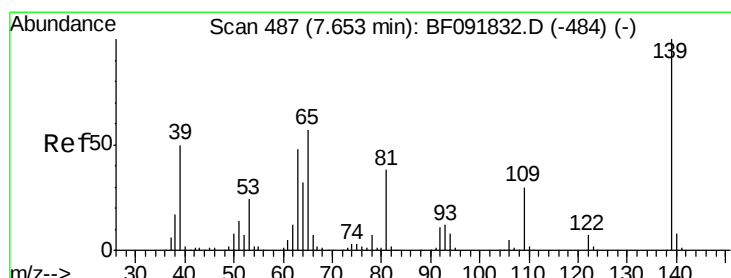
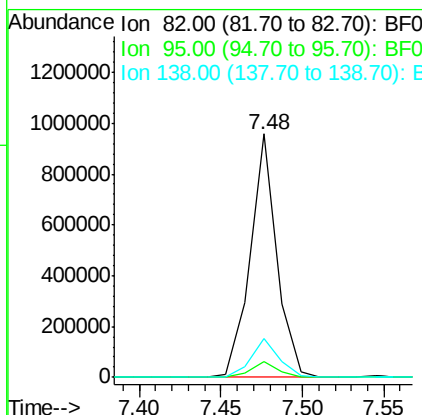
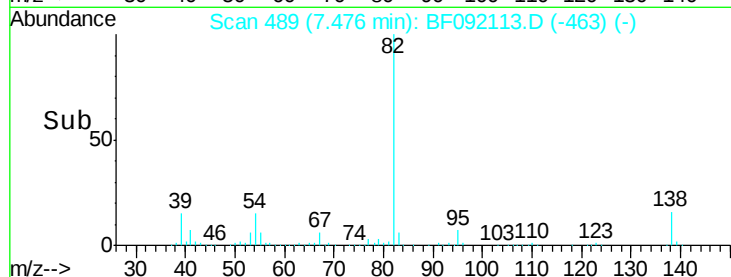
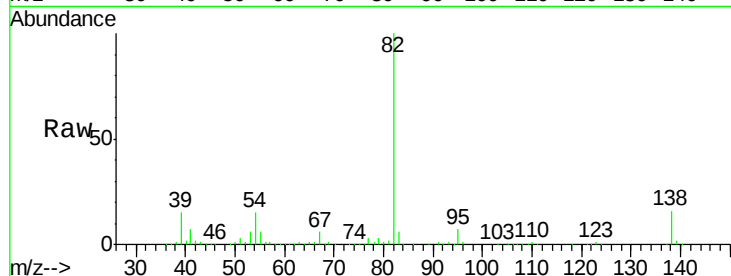
95 6.7 5.6 8.4

138 15.9 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.09 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

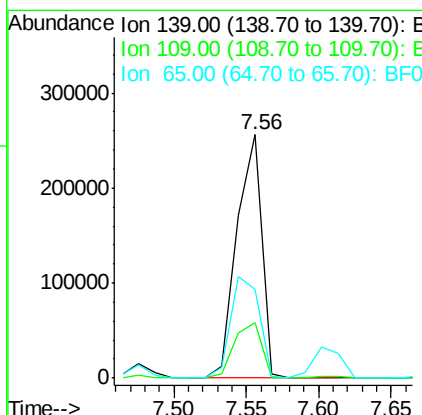
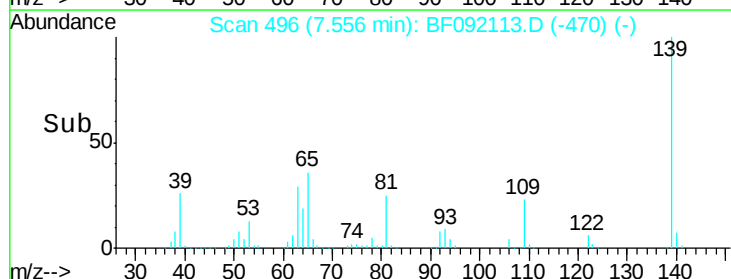
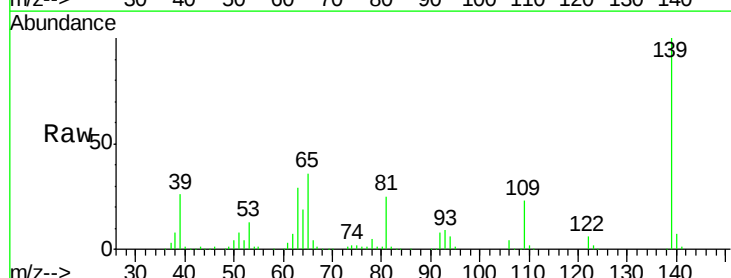
Tgt Ion: 139 Resp: 306597

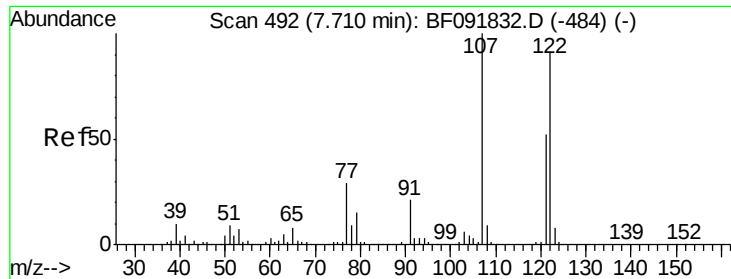
Ion Ratio Lower Upper

139 100

109 22.8 23.3 34.9#

65 36.4 42.7 64.1#





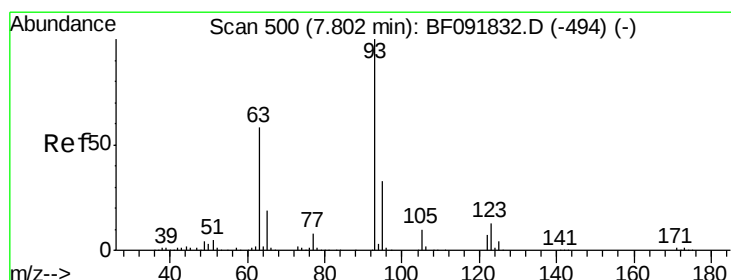
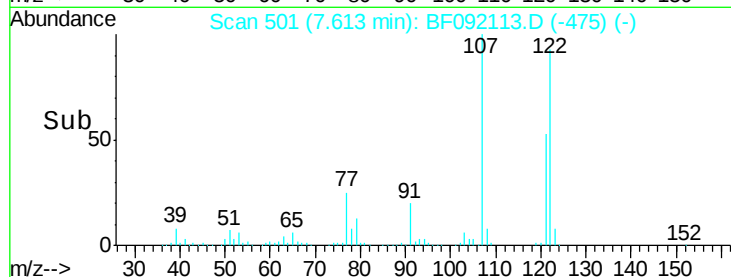
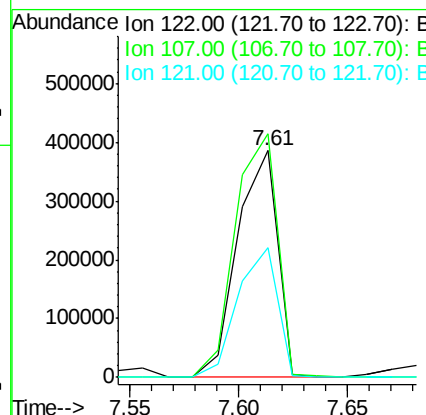
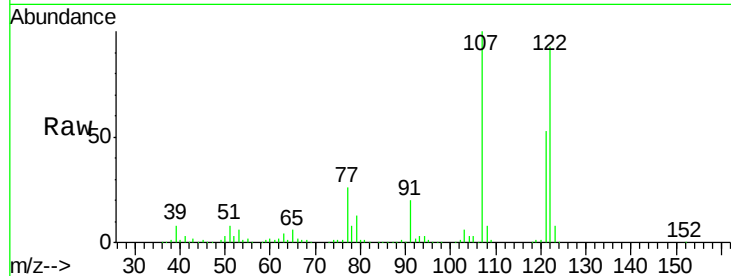
#27
 2,4-Dimethylphenol
 Concen: 43.89 ng
 RT: 7.61 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampled :
 PB95763BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	495021		
107	107.5	94.1	141.1	
121	57.3	46.0	69.0	

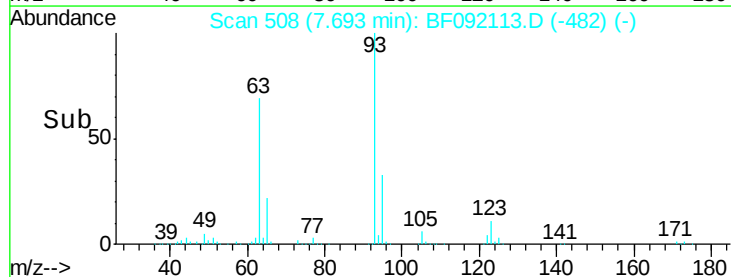
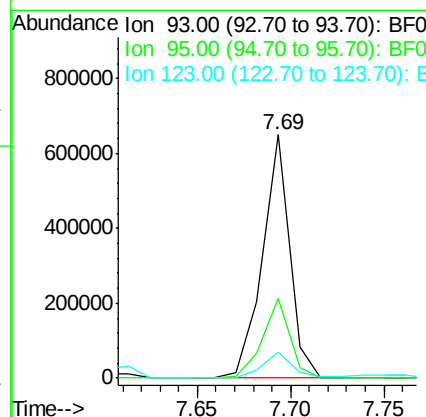
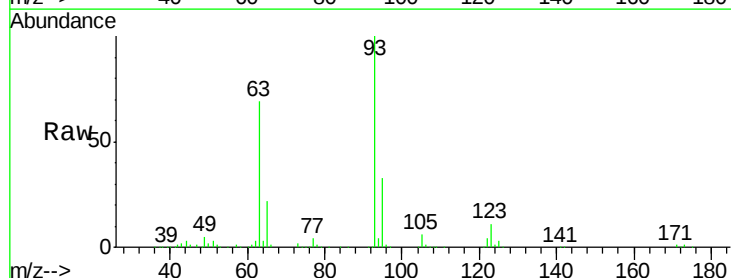
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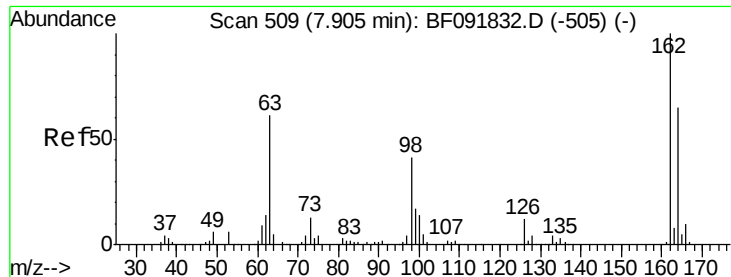
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.17 ng
 RT: 7.69 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	654241		
95	33.0	26.5	39.7	
123	10.6	8.6	13.0	





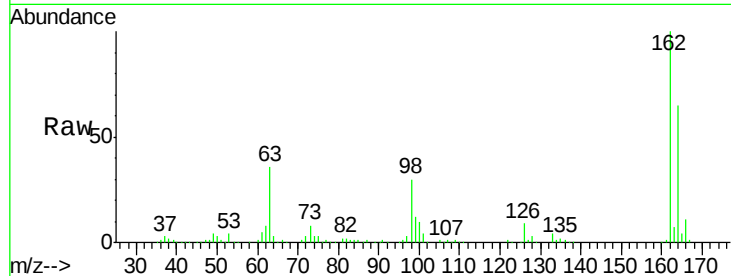
#29
2,4-Dichlorophenol
Concen: 46.46 ng
RT: 7.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

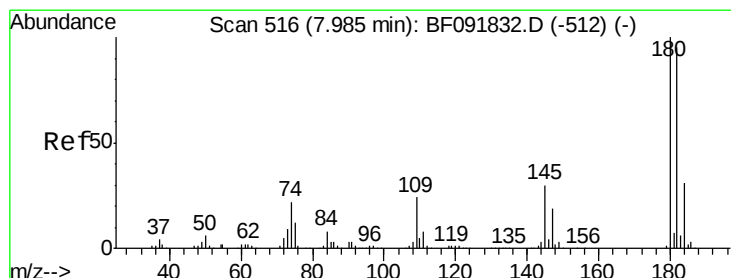
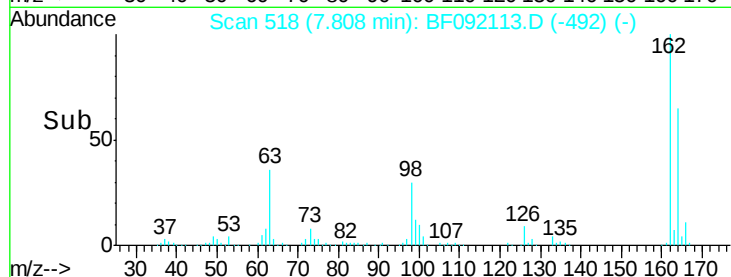
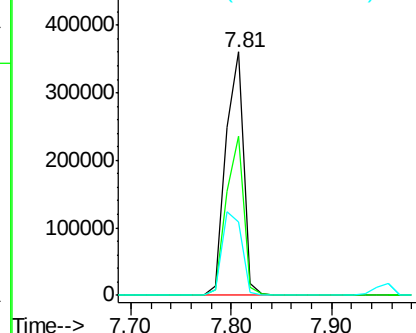
Tot Ion	Ratio	Resp	Lower	Upper
162	100	443693		
164	65.2	46.8	86.8	
98	30.0	9.1	49.1	

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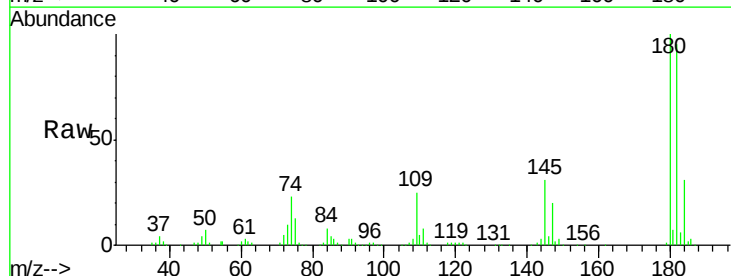


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

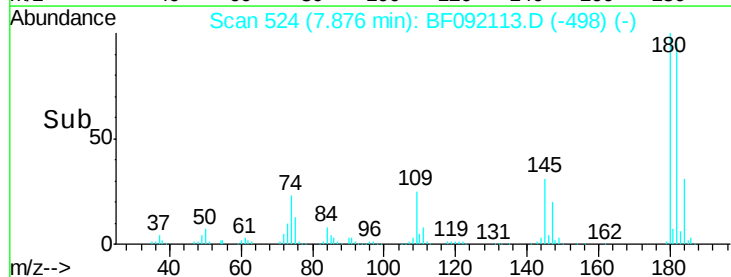
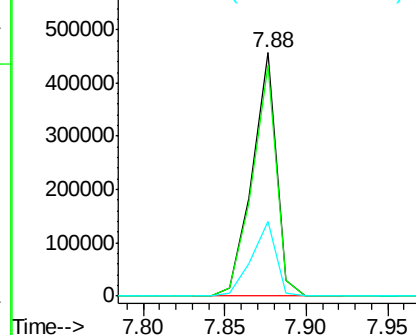


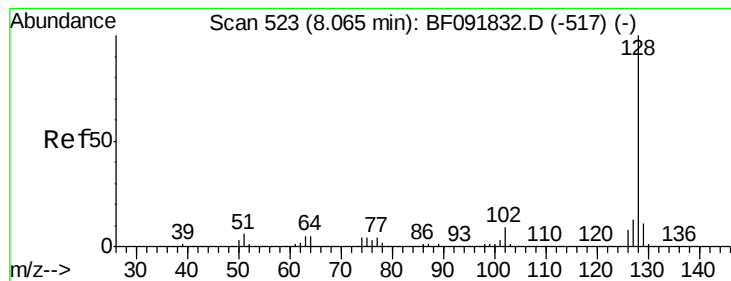
#30
1,2,4-Trichlorobenzene
Concen: 44.95 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	470451		
182	94.9	78.2	117.4	
145	30.7	21.6	32.4	



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: 47.21 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

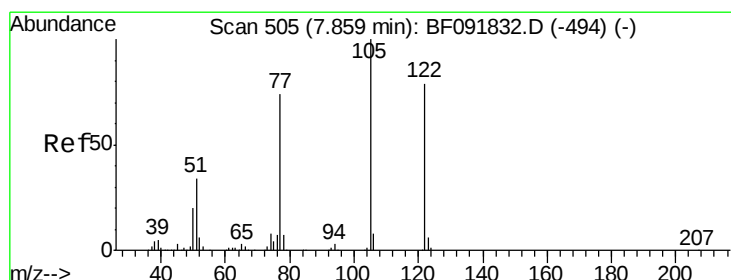
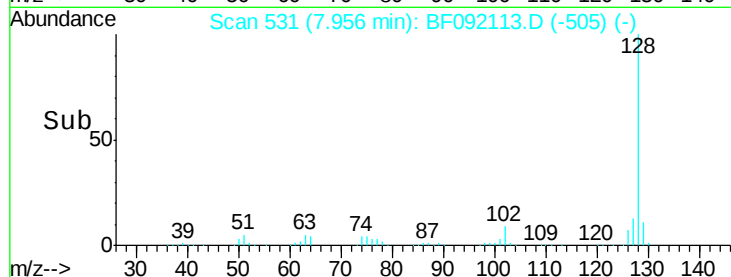
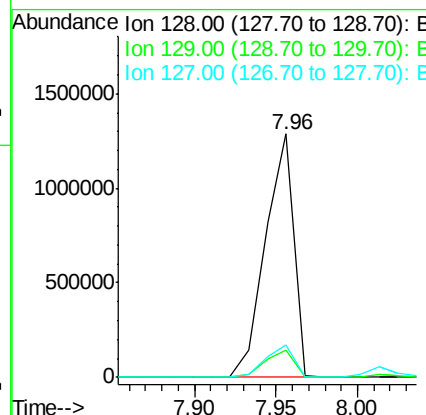
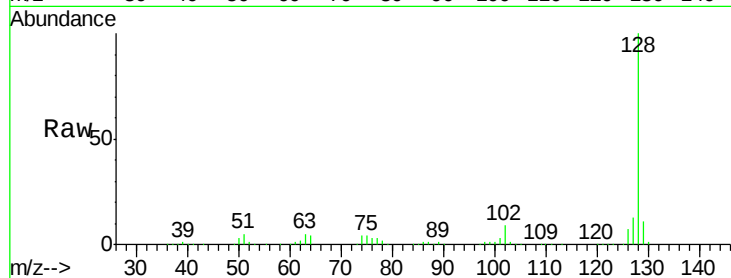
ClientSampleId :

PB95763BS

Tot Ion:	128	Resp:	1555507
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.2	10.8	16.2

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#32

Benzoic acid

Concen: 44.57 ng

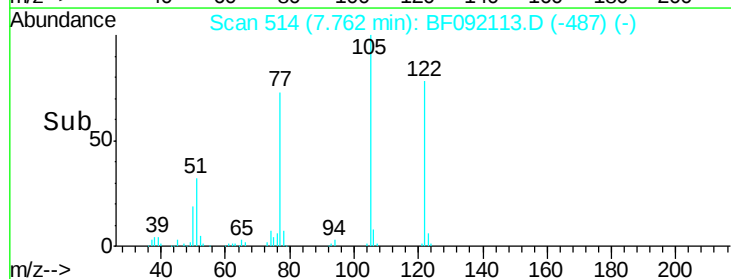
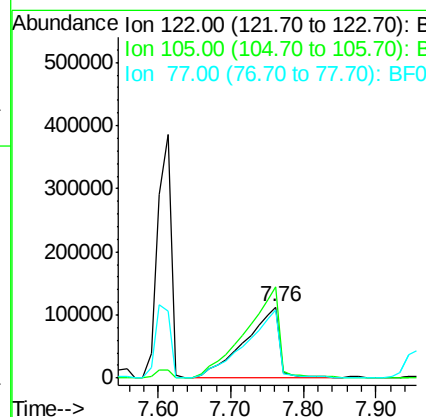
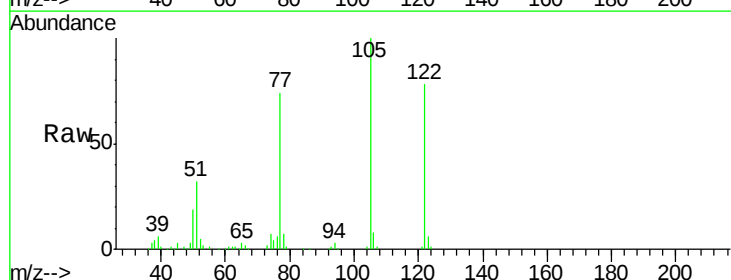
RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:	122	Resp:	372837
Ion	Ratio	Lower	Upper
122	100		
105	128.9	107.2	147.2
77	95.8	74.5	114.5





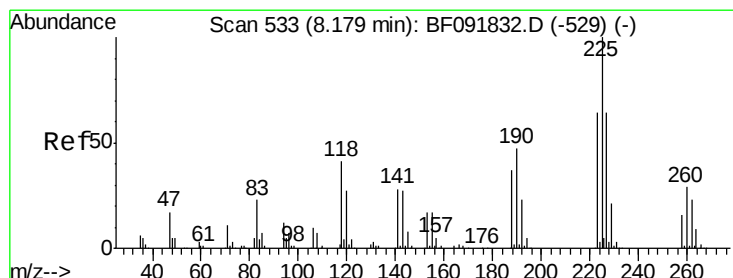
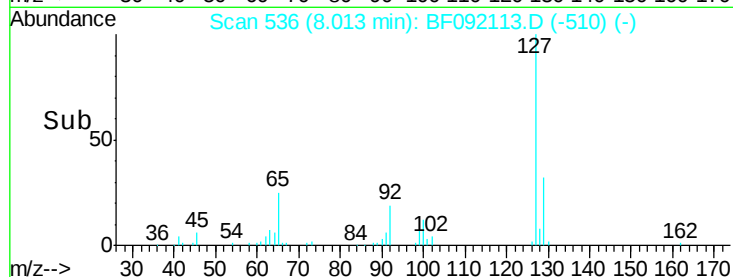
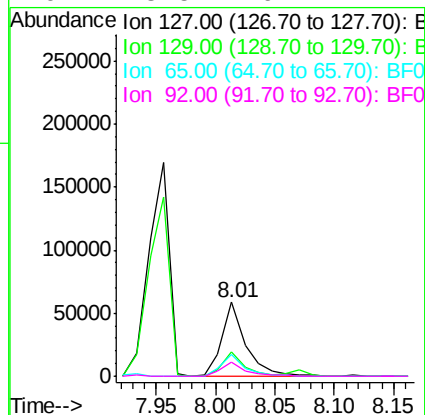
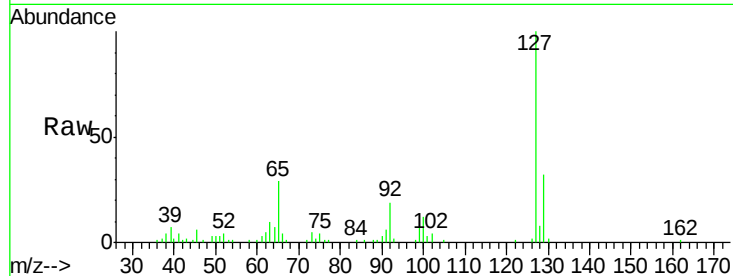
#33
4-Chloroaniline
Concen: 5.58 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion:	127	Resp:	82876
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	28.9	25.8	38.8
92	18.5	16.1	24.1

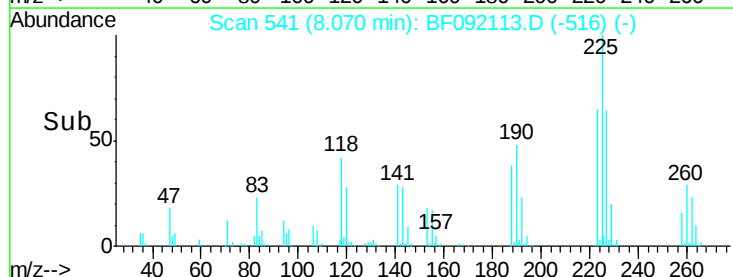
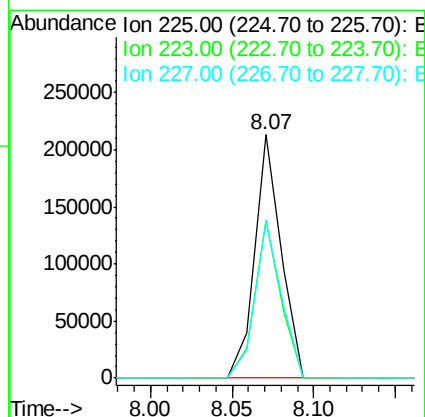
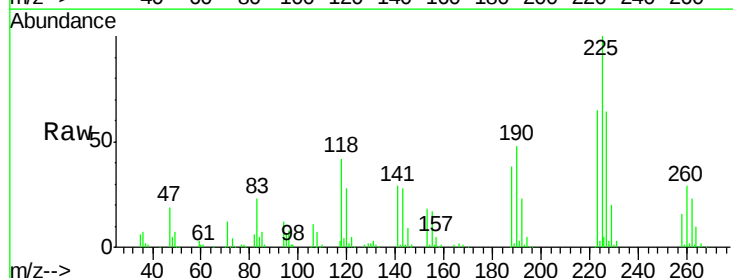
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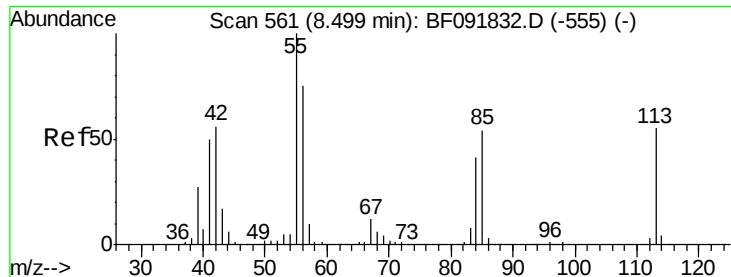
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#34
Hexachlorobutadiene
Concen: 43.22 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion:	225	Resp:	238781
Ion Ratio	Lower	Upper	
225	100		
223	65.1	51.0	76.6
227	64.2	50.6	76.0





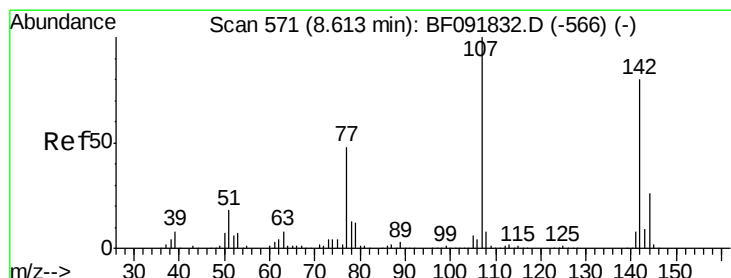
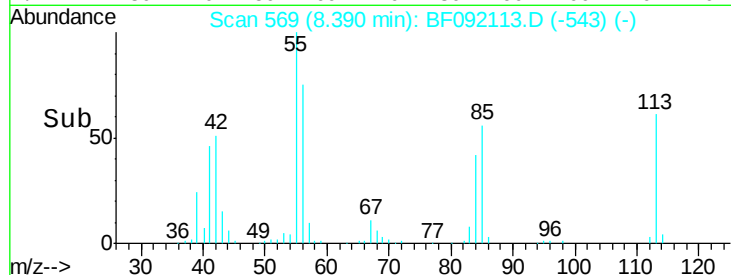
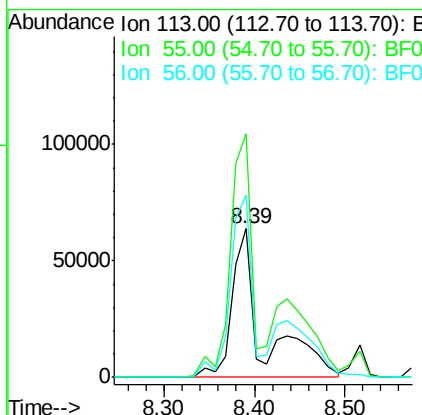
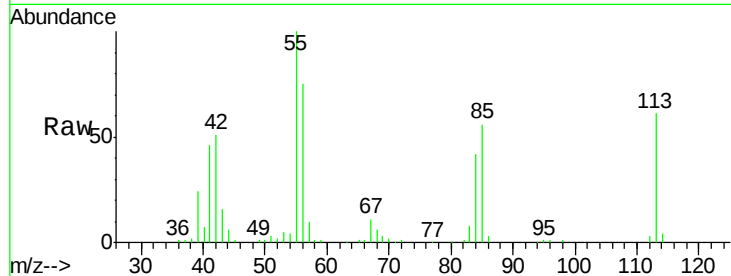
#35
 Caprolactam
 Concen: 48.67 ng/ml
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.1	119.2	159.2#
56	122.6	83.8	123.8

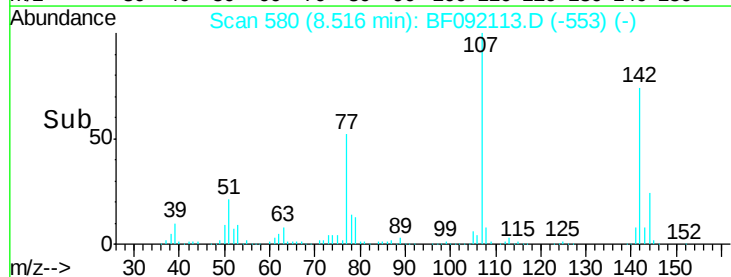
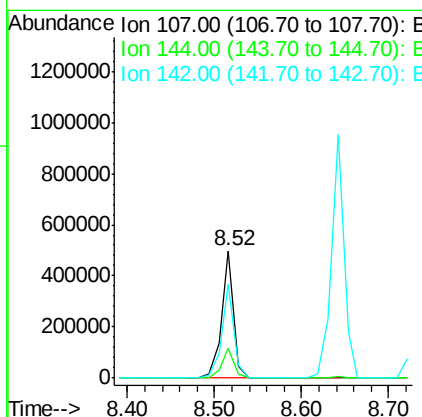
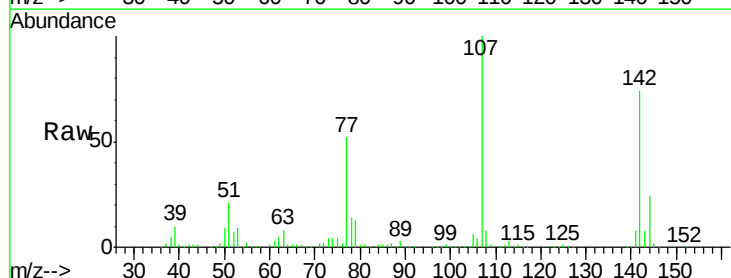
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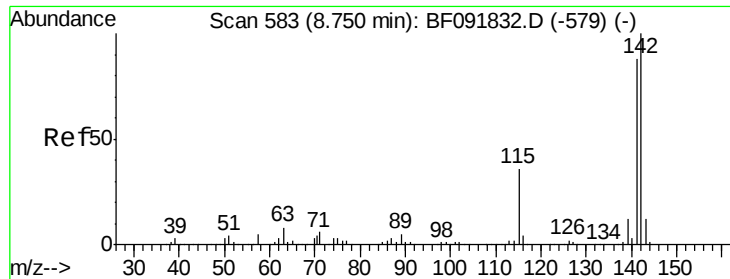
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#36
 4-Chloro-3-methylphenol
 Concen: 44.29 ng/ml
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.3	28.9
142	74.2	59.0	88.6





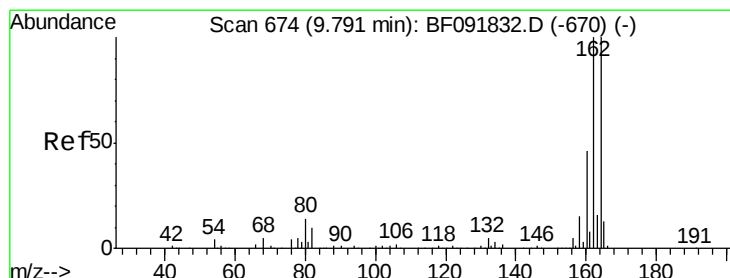
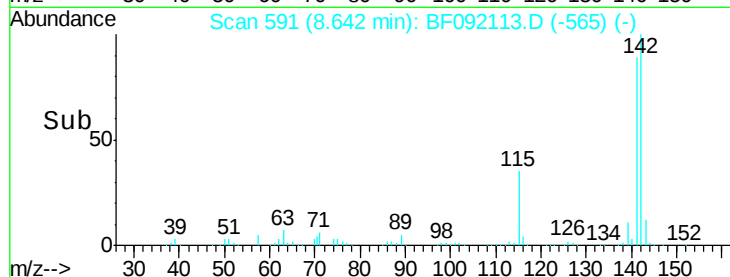
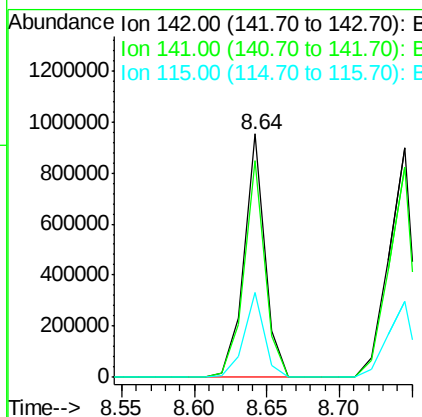
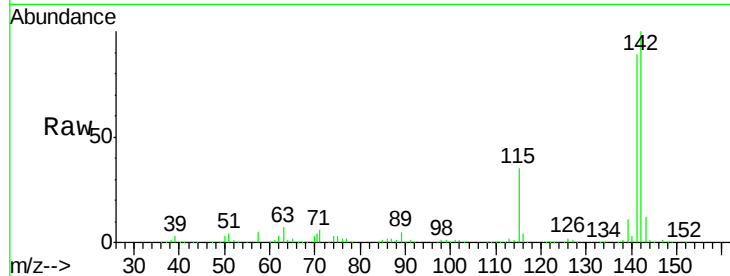
#37
2-Methylnaphthalene
Concen: 49.45 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	35.0	28.3	42.5

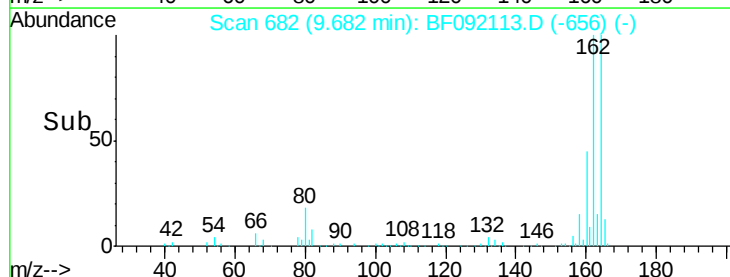
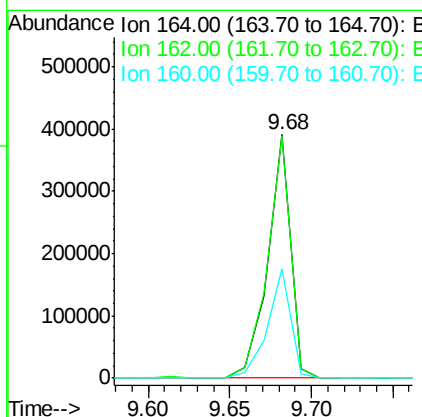
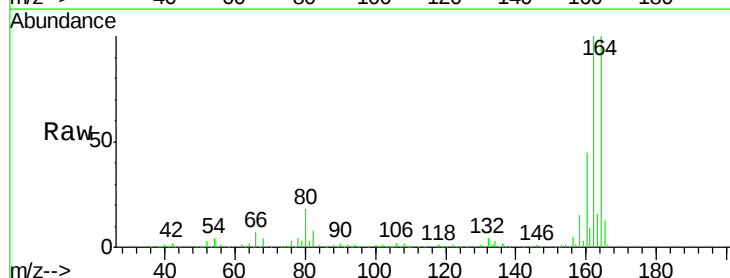
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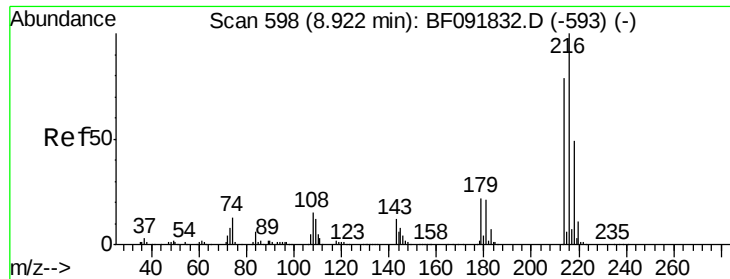
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	45.0	36.9	55.3





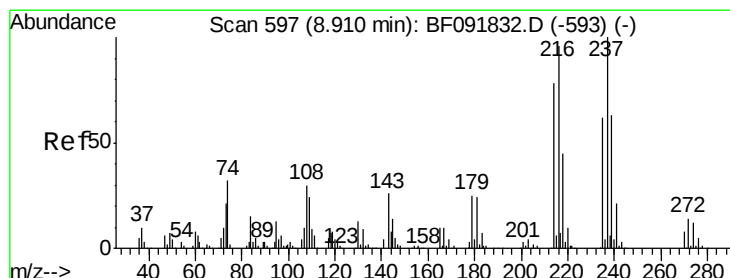
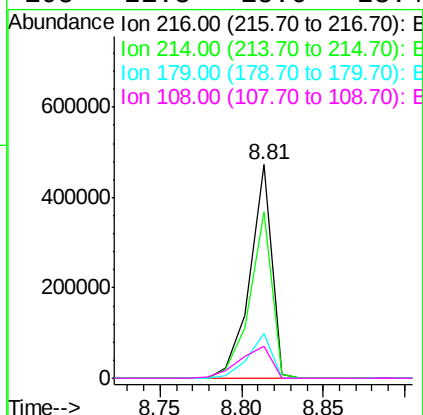
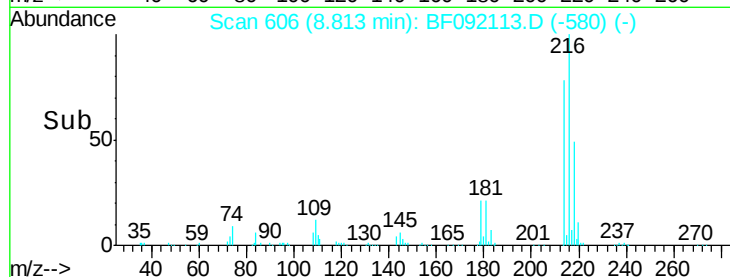
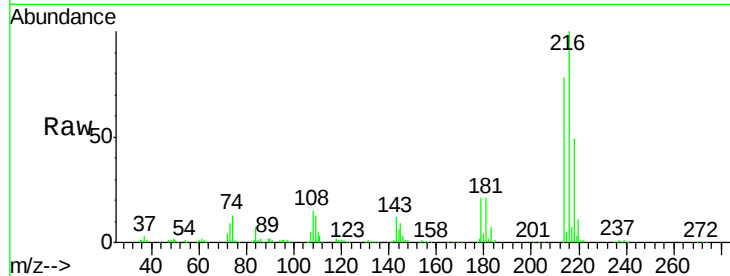
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.96 ng
RT: 8.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion:	216	Resp:	443656
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.4	95.0
179	22.1	17.4	26.2
108	21.3	15.6	23.4

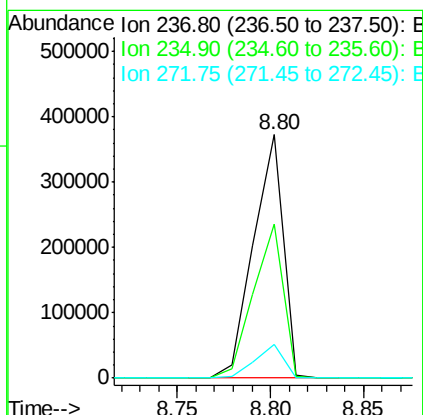
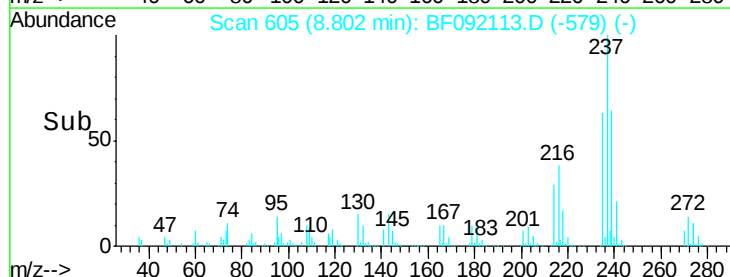
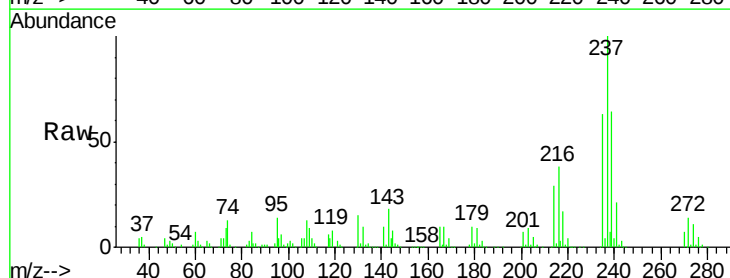
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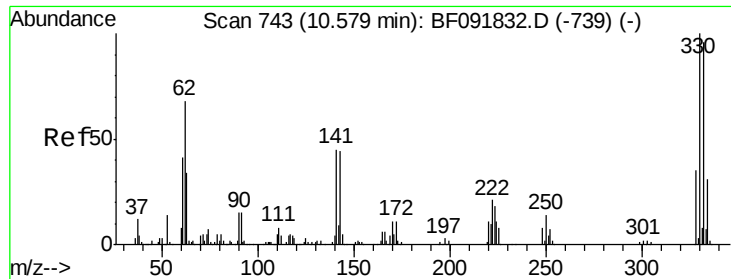
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#40
Hexachlorocyclopentadiene
Concen: 94.78 ng
RT: 8.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion:	237	Resp:	410823
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.2	81.2
272	13.8	0.0	35.4





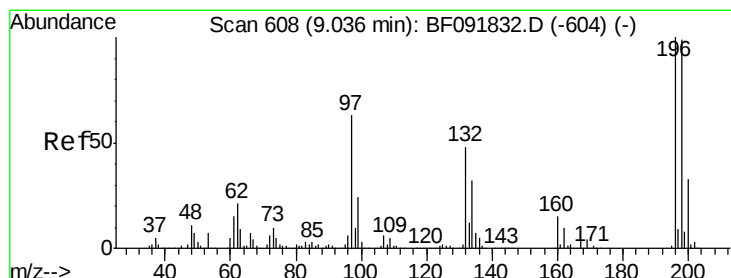
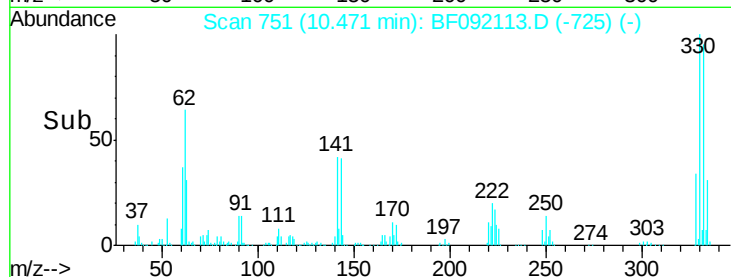
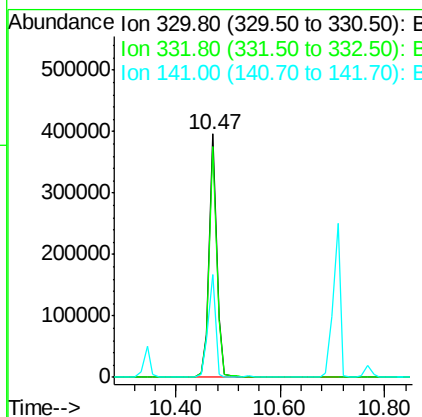
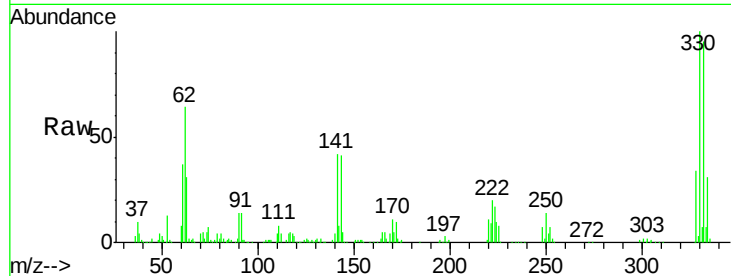
#41
 2,4,6-Tribromophenol
 Concen: 127.35 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleID :
 PB95763BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	402698		
332	95.3		77.4	116.2
141	41.0		34.1	51.1

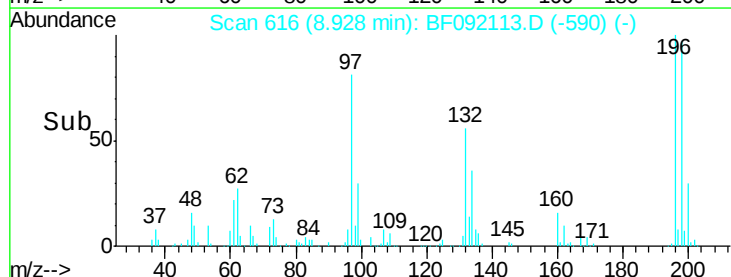
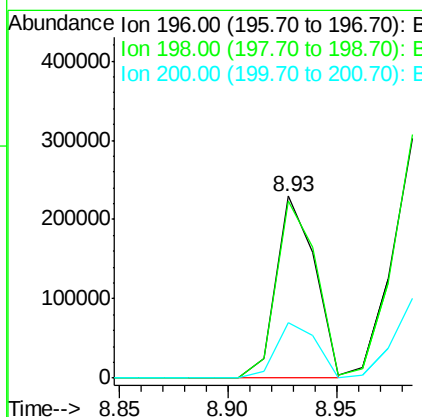
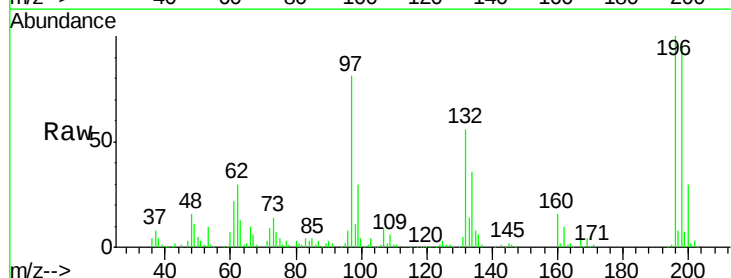
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#42
 2,4,6-Trichlorophenol
 Concen: 42.47 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286697		
198	97.1		82.1	123.1
200	30.4		27.0	40.4





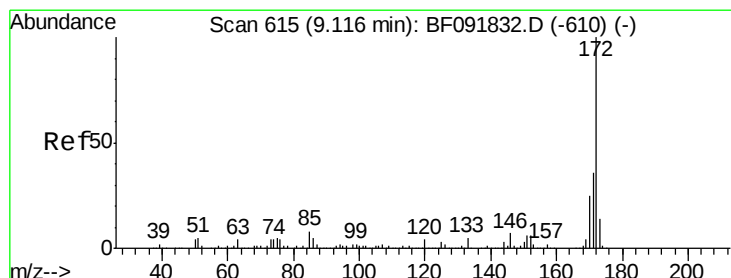
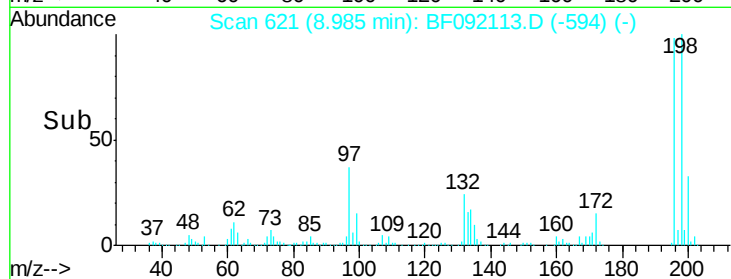
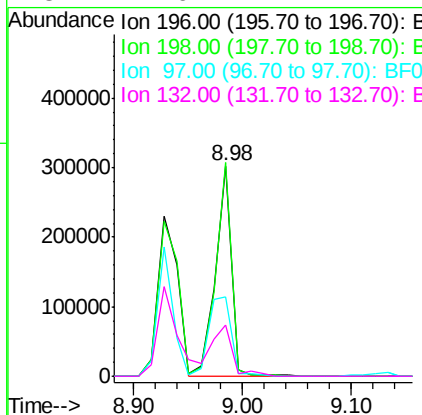
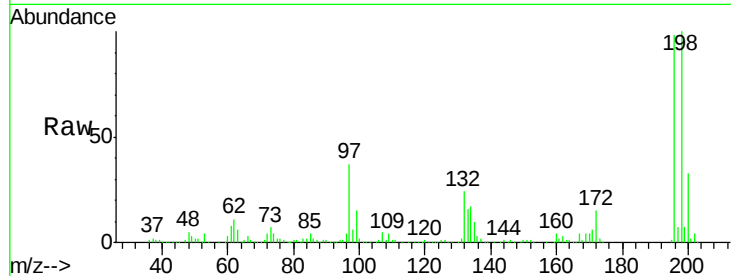
#43
 2,4,5-Trichlorophenol
 Concen: 44.89 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.7	79.4	119.2	
97	37.9	51.5	77.3	
132	24.6	27.4	41.2	

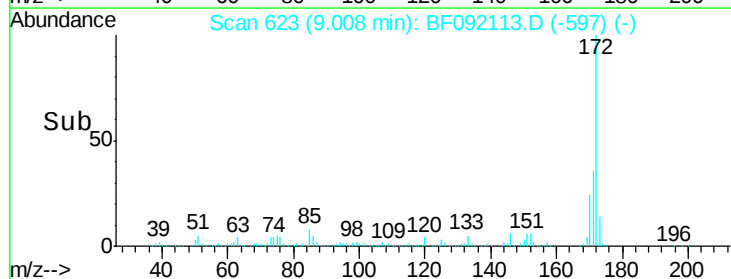
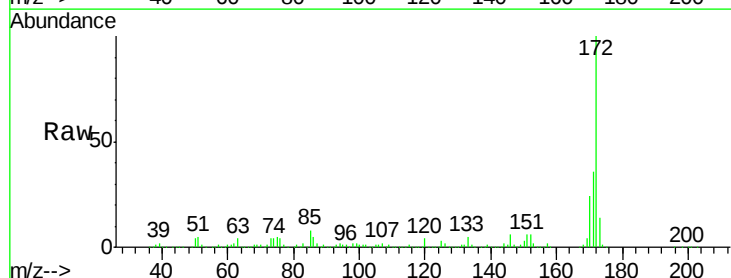
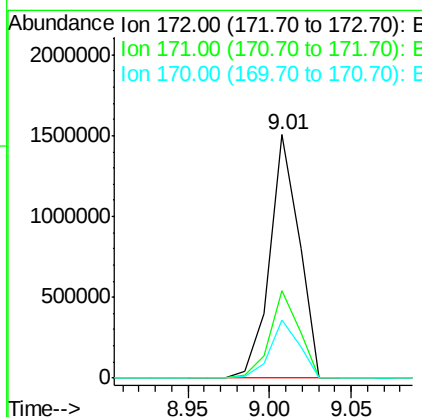
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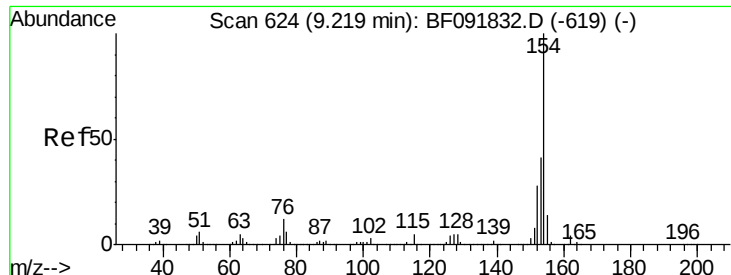
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#44
 2-Fluorobiphenyl
 Concen: 104.29 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.4	44.0	
170	24.0	20.2	30.4	





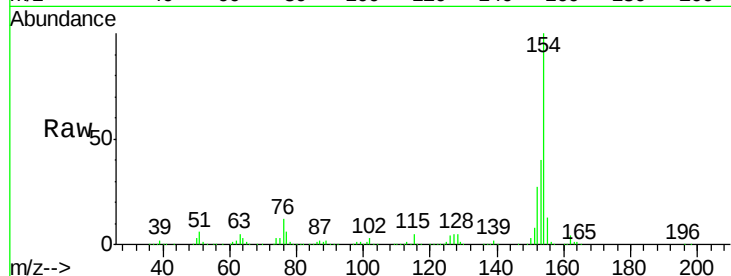
#45
1,1'-Biphenyl
Concen: 49.33 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

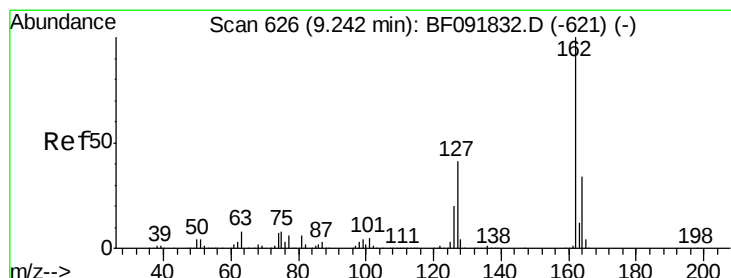
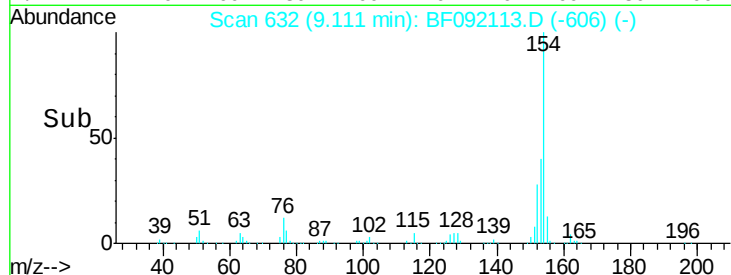
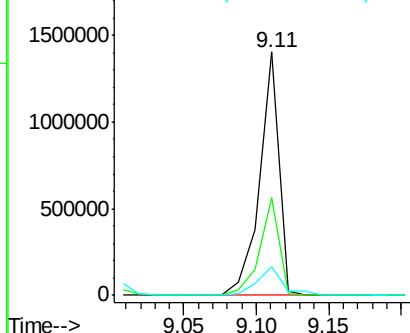
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.9	60.9
76	12.0	0.0	30.5

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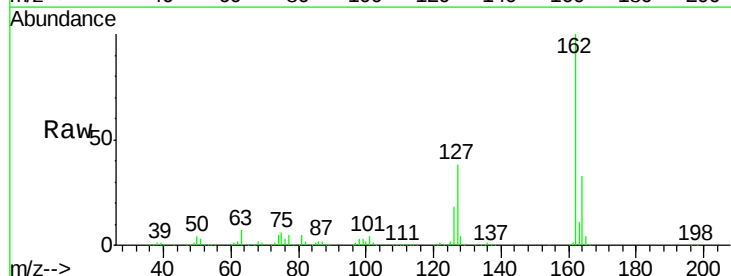


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

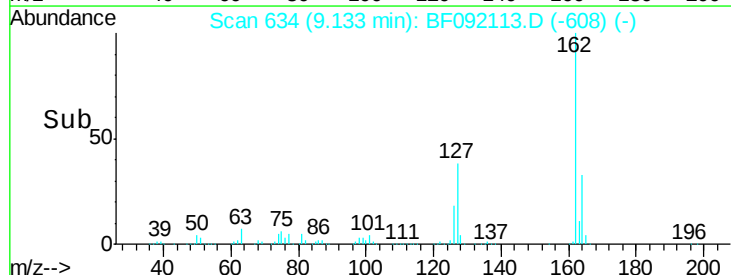
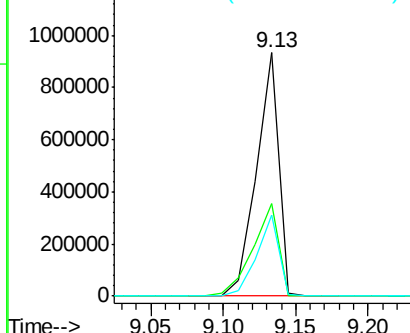


#46
2-Chloronaphthalene
Concen: 47.97 ng
RT: 9.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.7	46.1
164	33.2	27.6	41.4



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





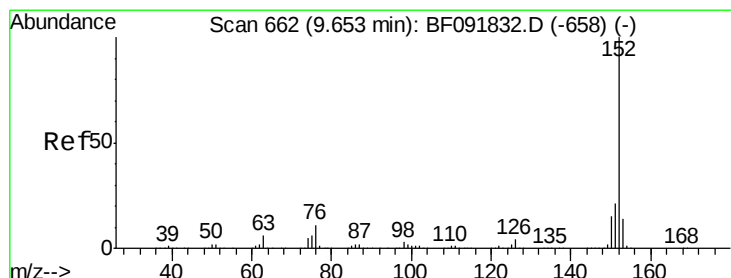
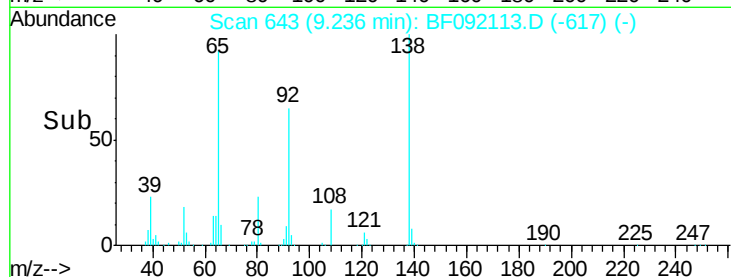
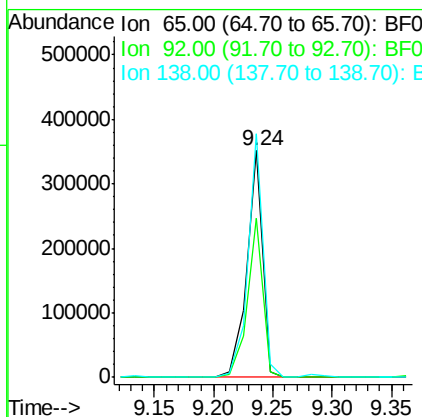
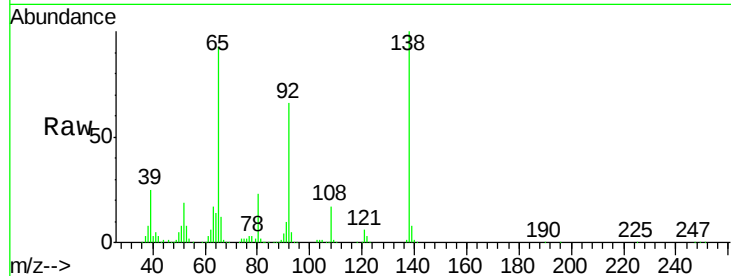
#47
2-Nitroaniline
Concen: 44.17 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.9	80.9
138	107.5	76.8	115.2

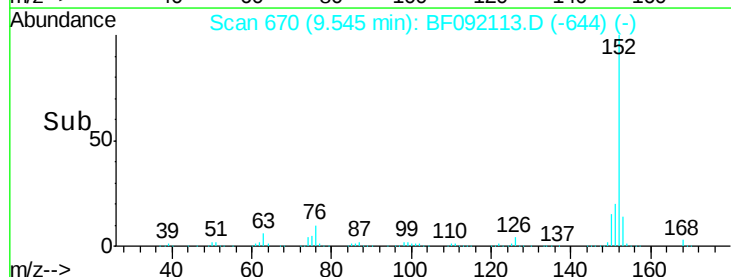
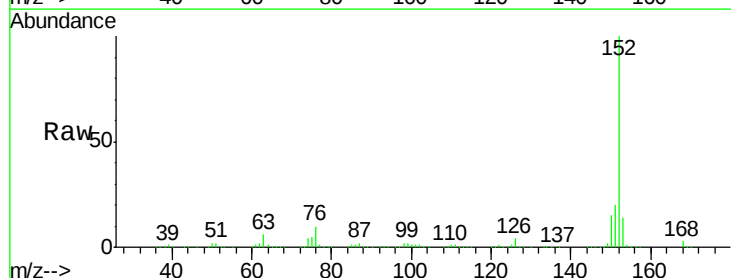
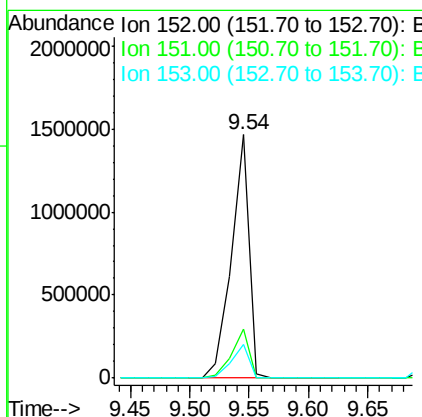
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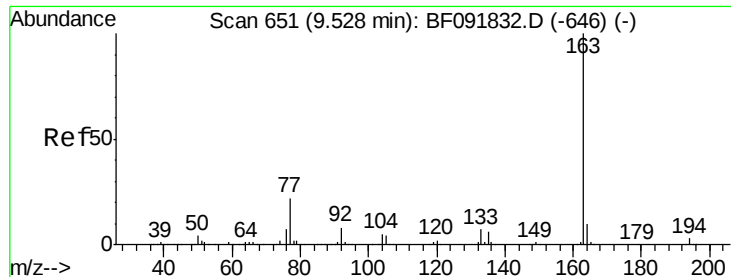
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#48
Acenaphthylene
Concen: 47.11 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.9	11.4	17.2





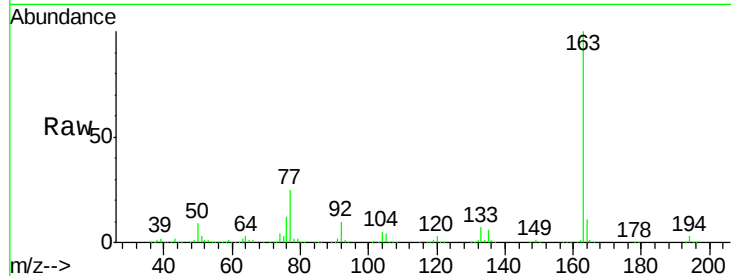
#49
Dimethylphthalate
Concen: 43.25 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampled :
PB95763BS

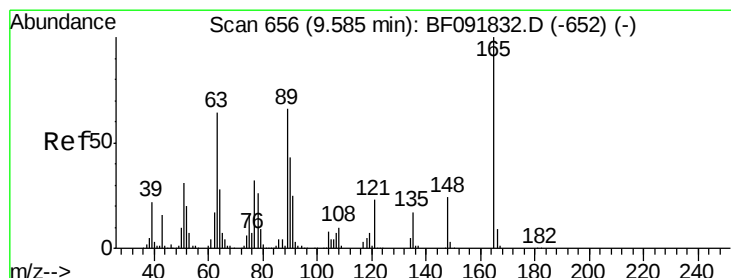
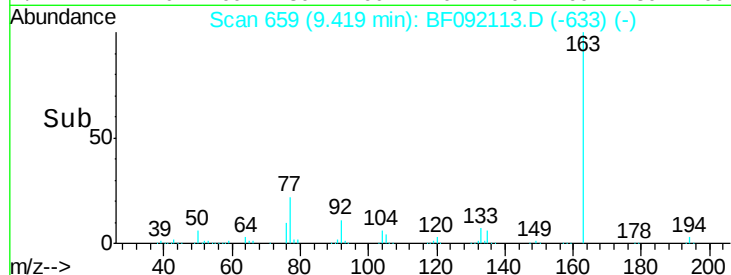
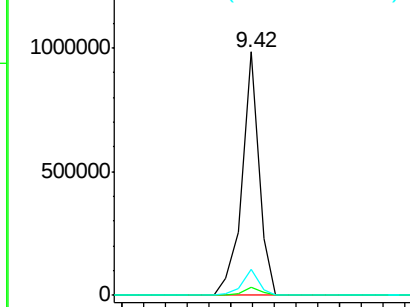
Tot Ion:163 Resp: 1056854
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

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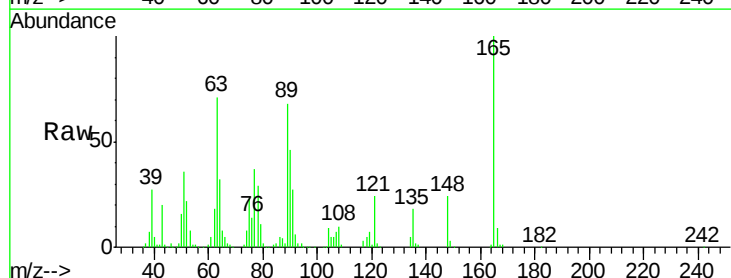


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

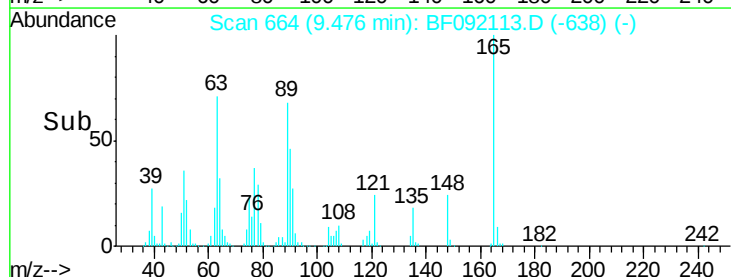
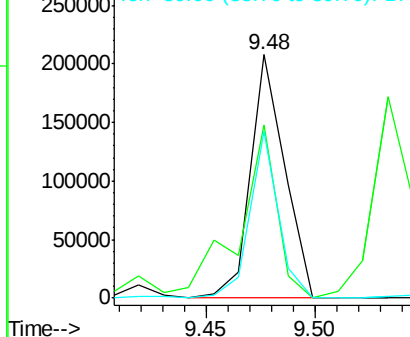


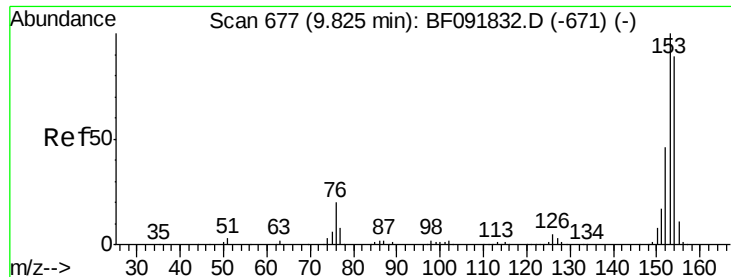
#50
2,6-Dinitrotoluene
Concen: 42.36 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion:165 Resp: 226599
Ion Ratio Lower Upper
165 100
63 71.0 36.2 54.4#
89 68.4 40.2 60.4#



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: 43.81 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

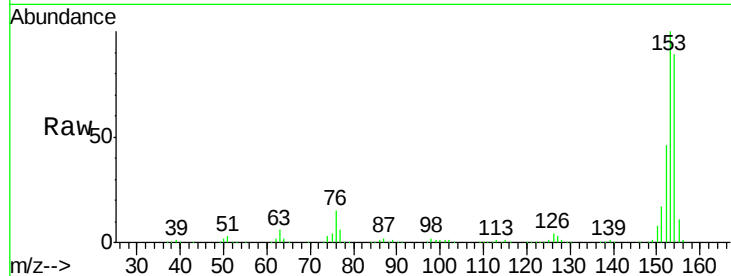
ClientSampleId :

PB95763BS

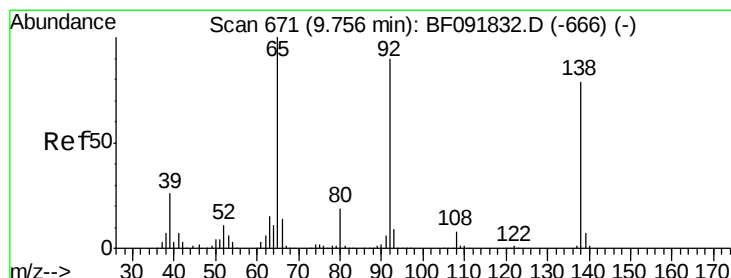
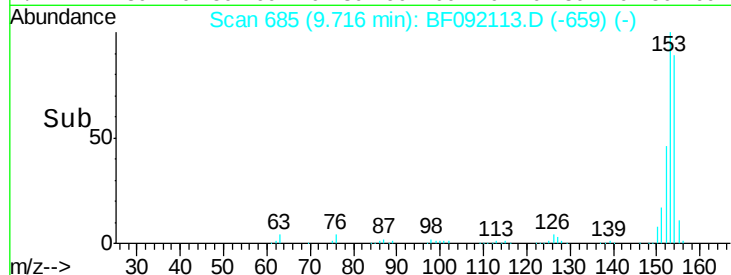
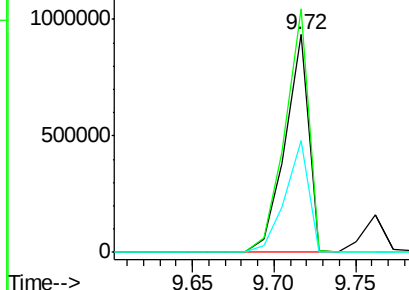
Tot Ion:	154	Resp:	946488
Ion Ratio	Lower	Upper	
154	100		
153	111.9	88.6	133.0
152	51.5	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.49 ng

RT: 9.65 min Scan# 679

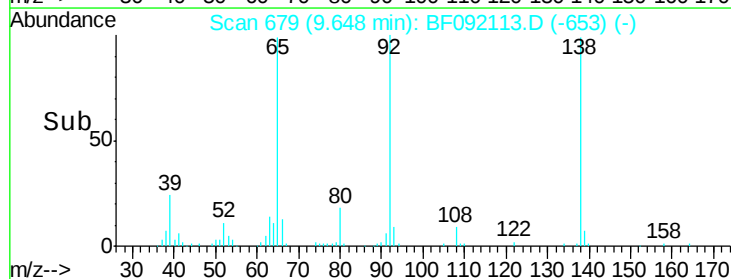
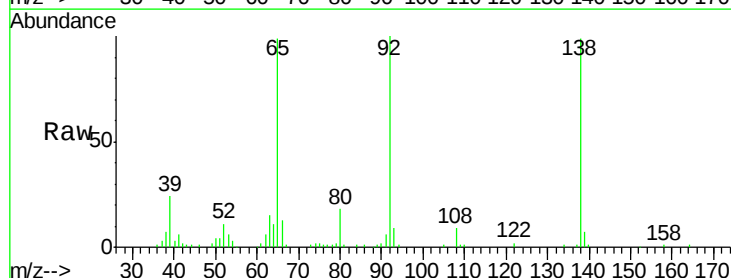
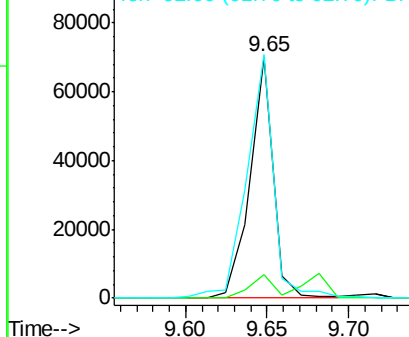
Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:	138	Resp:	69425
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	100.9	97.8	146.8

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





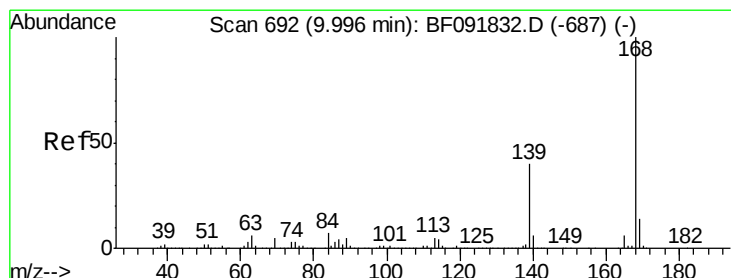
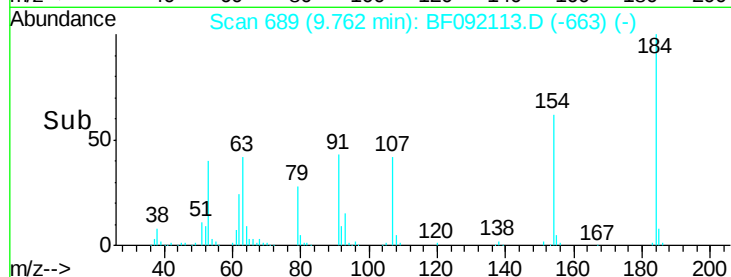
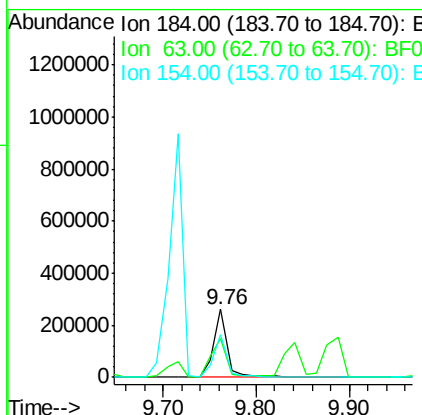
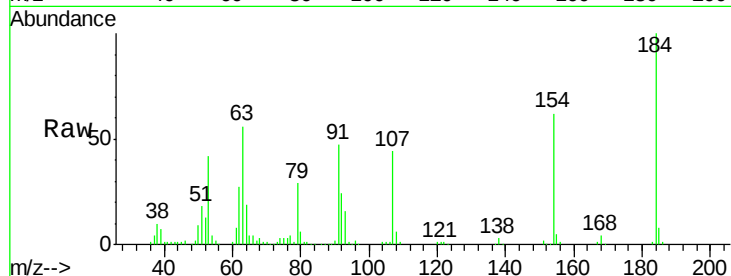
#53
 2,4-Dinitrophenol
 Concen: 91.56 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.3	28.4	42.6
154	62.4	44.3	66.5

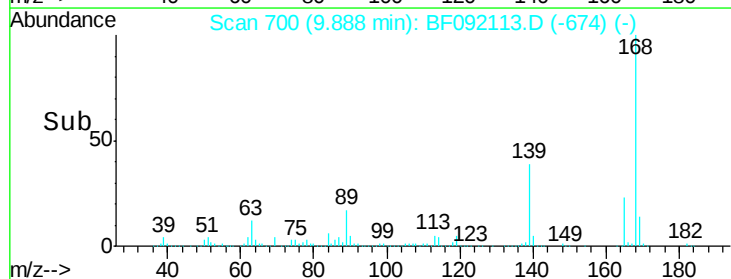
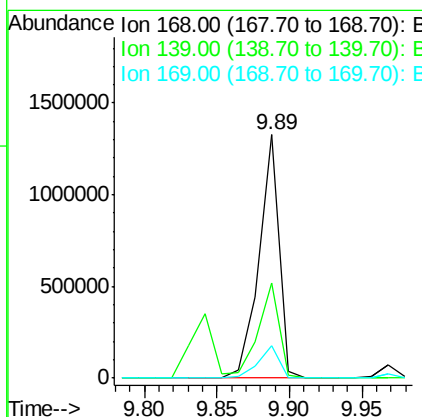
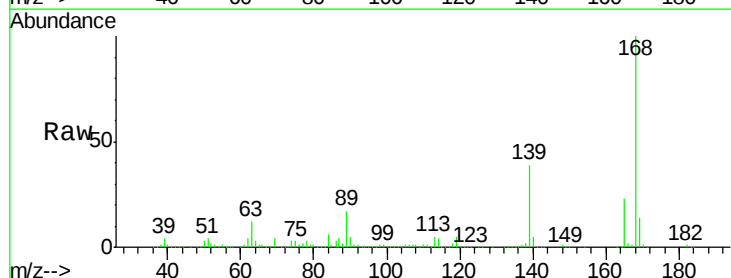
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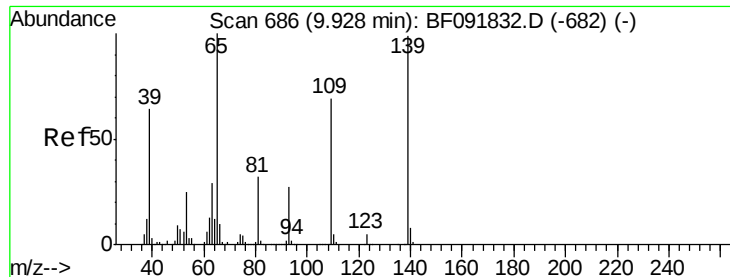
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#54
 Dibenzofuran
 Concen: 43.64 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.6	49.0
169	13.5	11.3	16.9





#55

4-Nitrophenol

Concen: 84.64 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

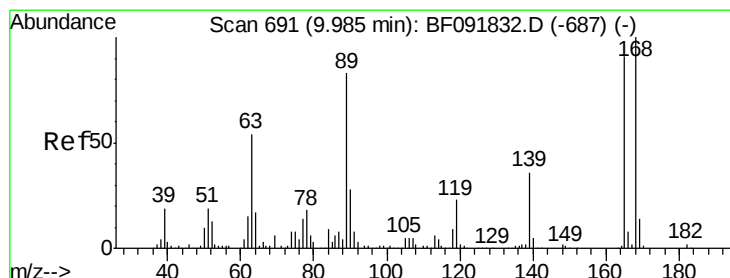
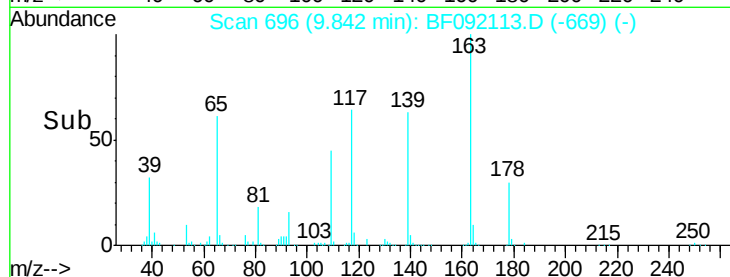
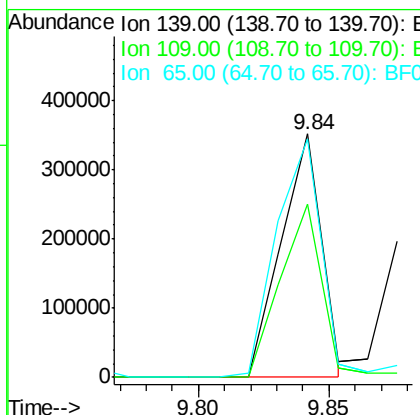
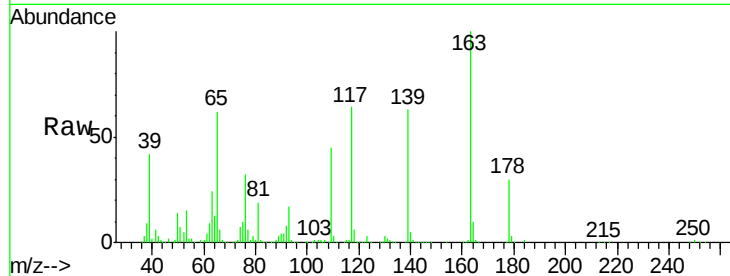
ClientSampled :

PB95763BS

Tot Ion:	139	Resp:	380424
Ion Ratio	Lower	Upper	
139	100		
109	70.9	52.2	92.2
65	97.9	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 48.61 ng

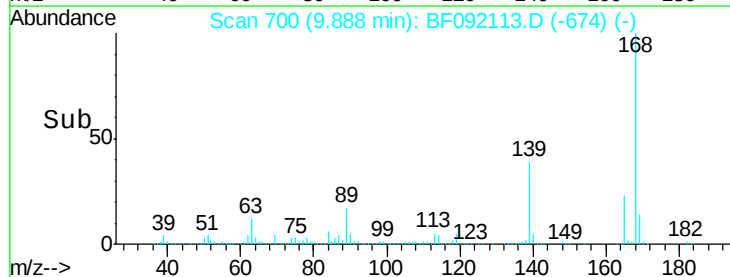
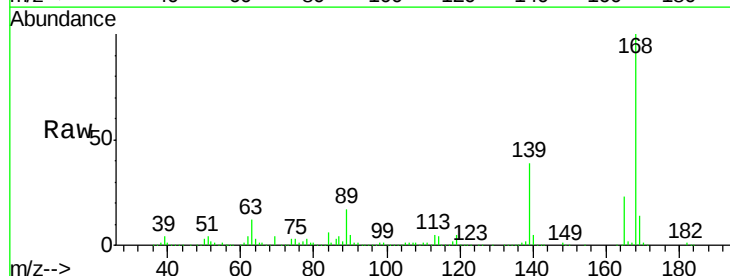
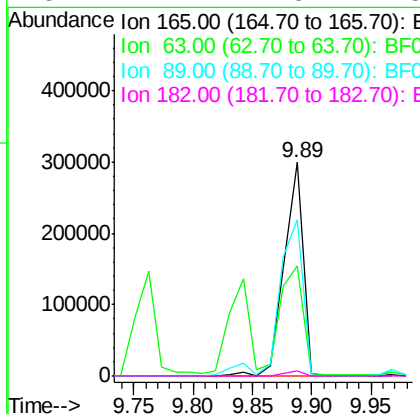
RT: 9.89 min Scan# 700

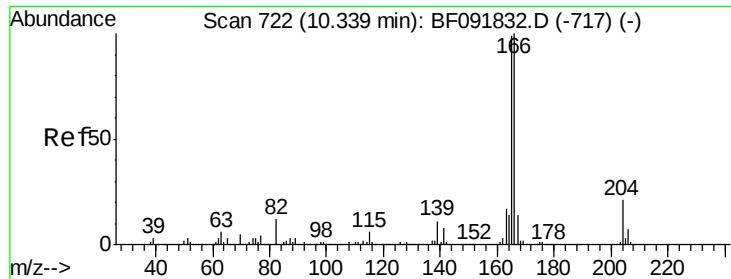
Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:	165	Resp:	326370
Ion Ratio	Lower	Upper	
165	100		
63	51.3	40.2	60.4
89	73.3	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 48.77 ng

RT: 10.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

ClientSampleId :

PB95763BS

Tot Ion:166 Resp: 1035166

Ion Ratio Lower Upper

166 100

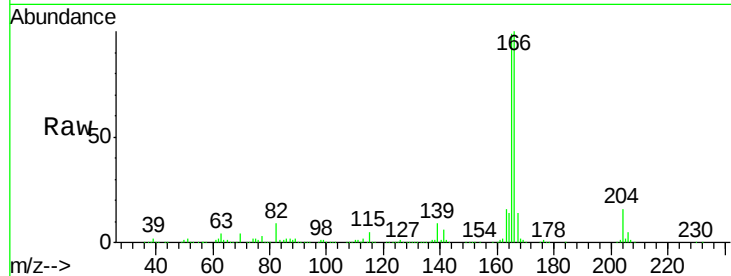
165 98.9 77.8 116.8

167 13.5 10.8 16.2

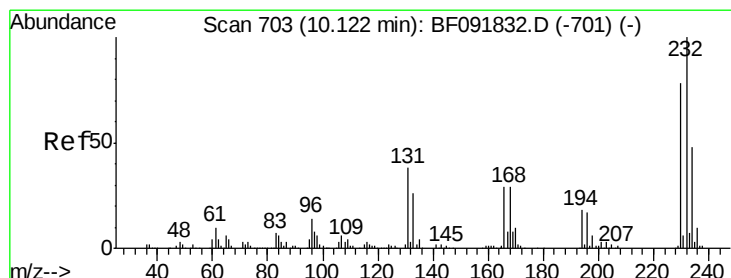
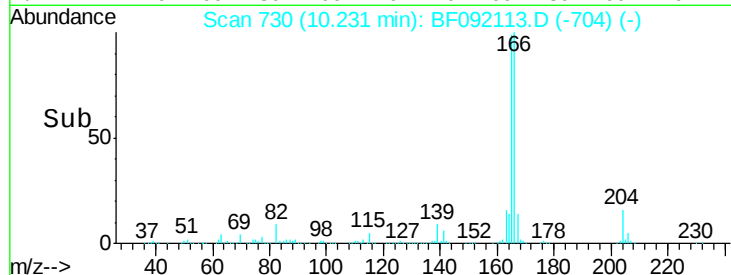
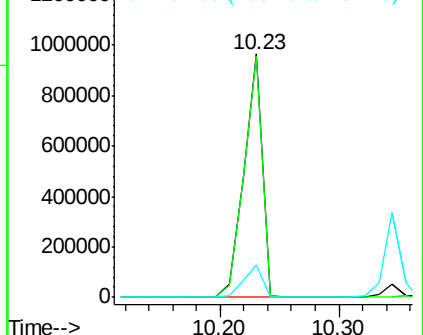
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.77 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:232 Resp: 262507

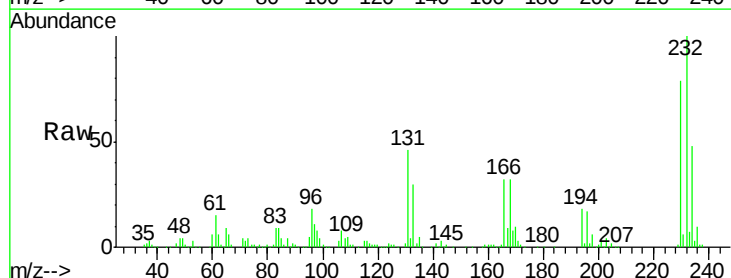
Ion Ratio Lower Upper

232 100

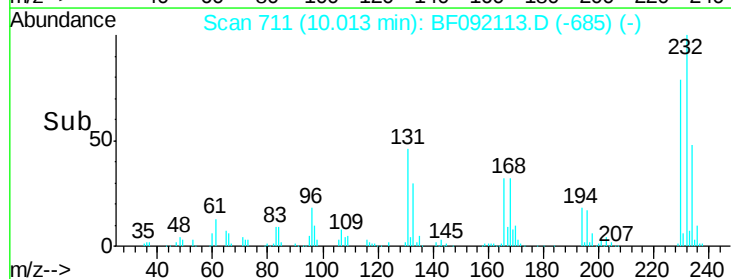
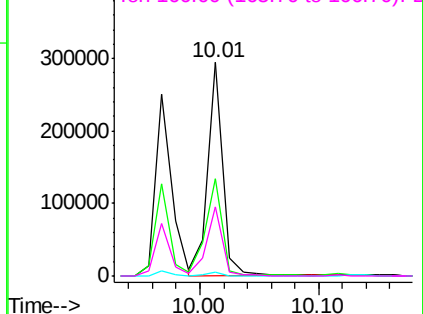
131 51.2 40.1 60.1

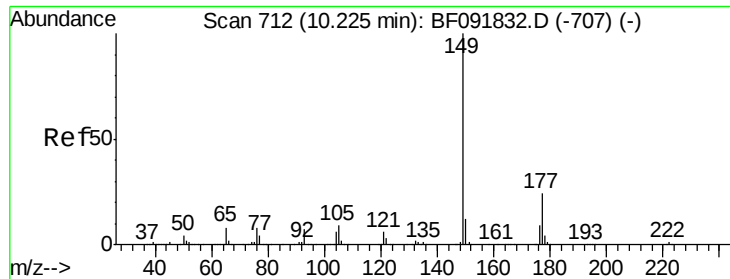
130 2.3 1.8 2.8

166 32.7 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





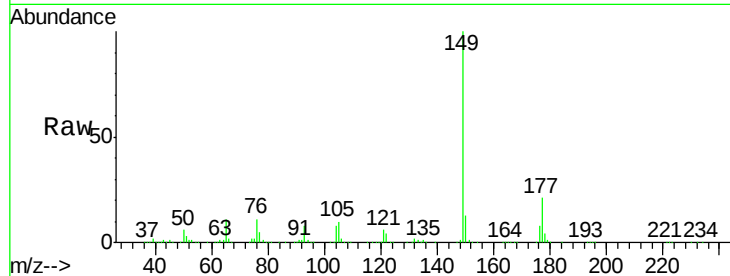
#59
Diethylphthalate
Concen: 44.43 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleID :
PB95763BS

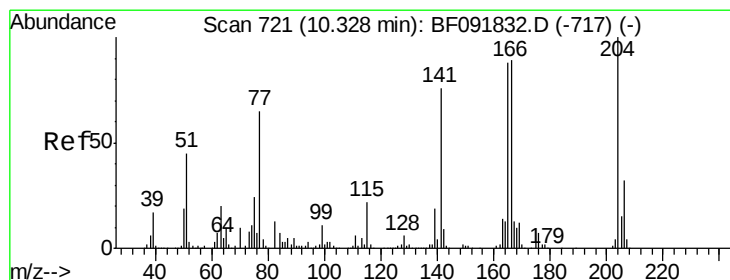
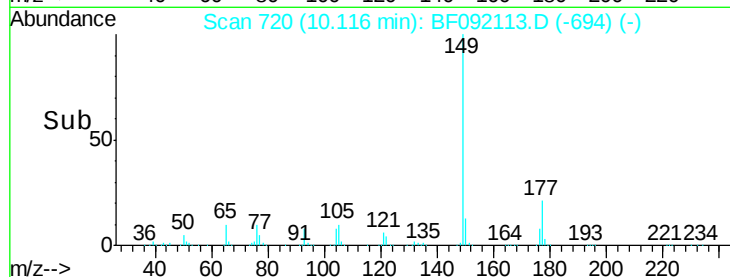
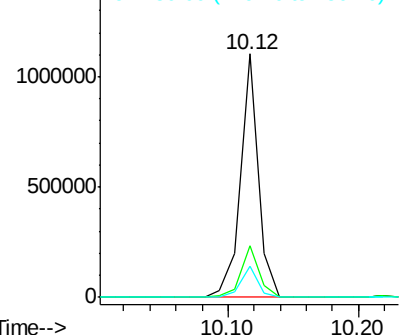
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	25.0
150	12.7	10.4	15.6

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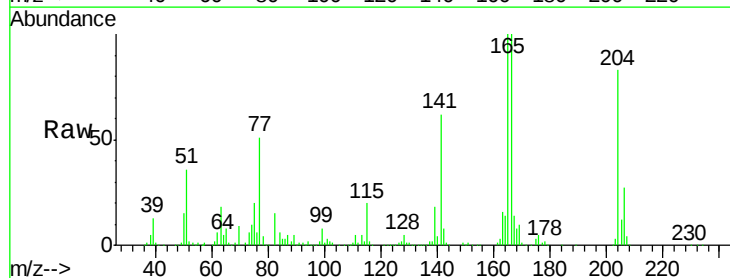


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

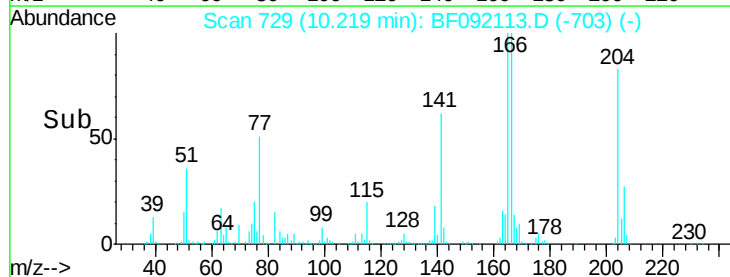
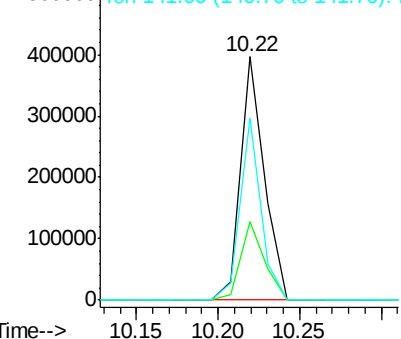


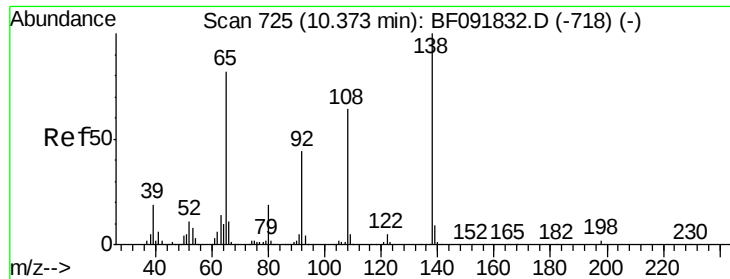
#60
4-Chlorophenyl-phenylether
Concen: 43.22 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	74.7	59.4	89.0



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





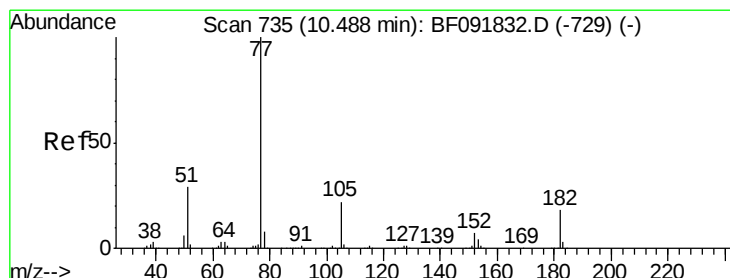
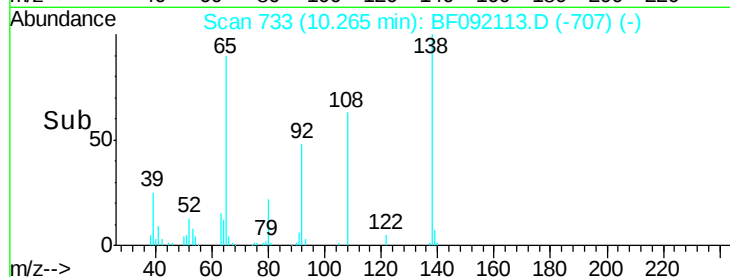
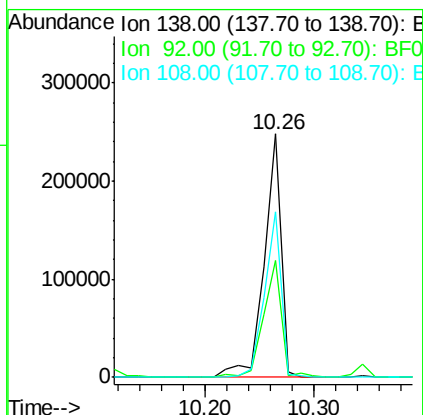
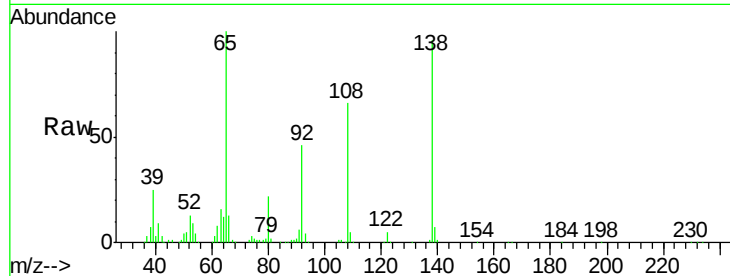
#61
4-Nitroaniline
Concen: 39.98 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	31.7	71.7
108	68.2	52.6	92.6

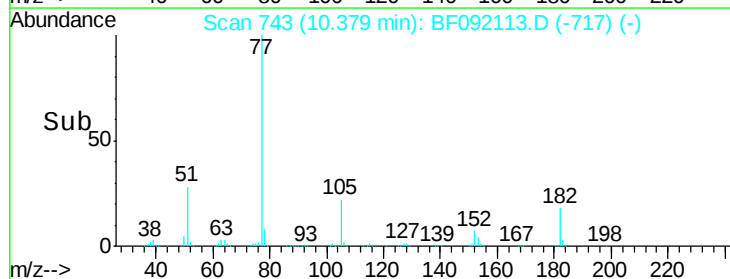
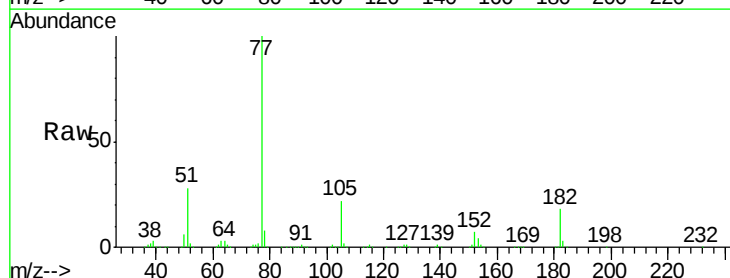
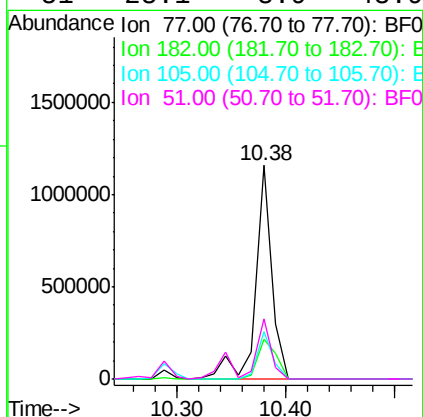
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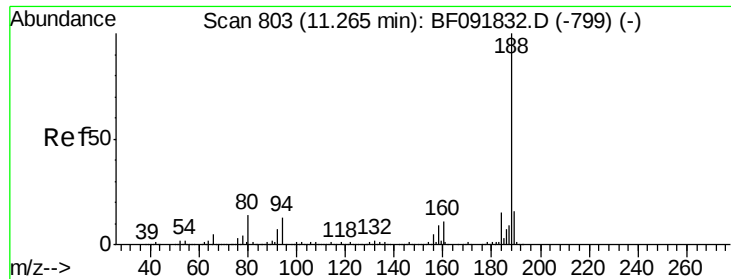
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#62
Azobenzene
Concen: 46.57 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	0.0	39.3
105	22.0	2.3	42.3
51	28.1	8.9	48.9





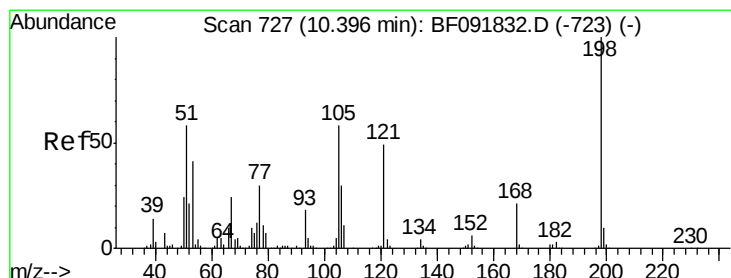
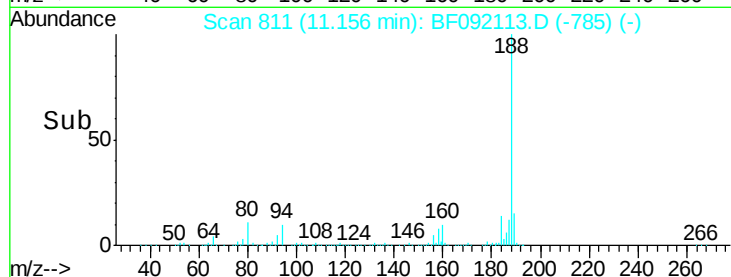
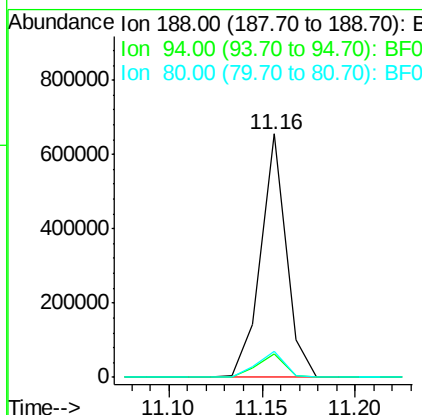
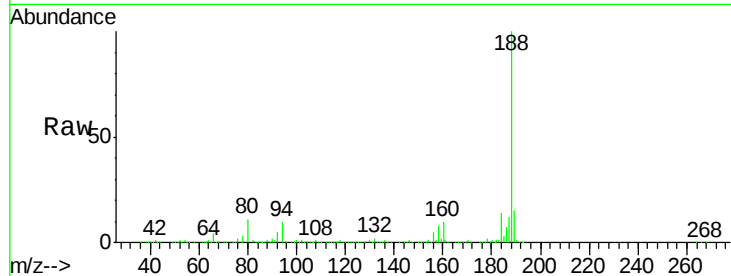
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	623114		
94	9.8	10.0	15.0#	
80	10.7	11.2	16.8#	

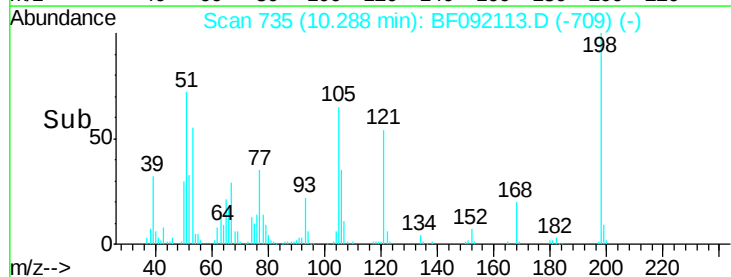
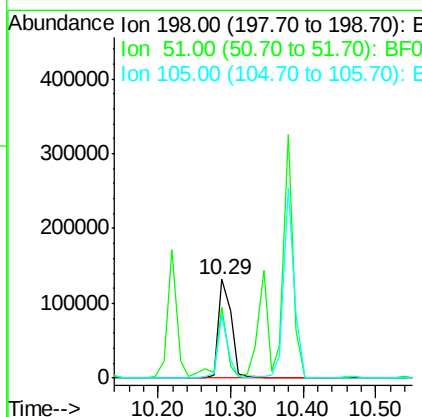
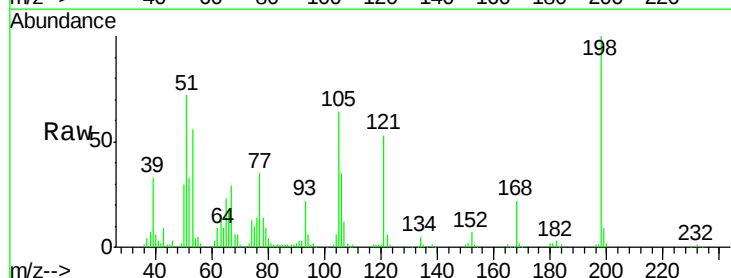
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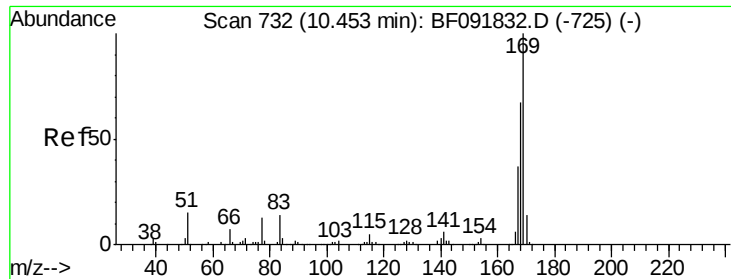
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.67 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	168318		
51	71.7	6.7	46.7#	
105	64.4	16.6	56.6#	





#65

n-Nitrosodiphenylamine

Concen: 45.46 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

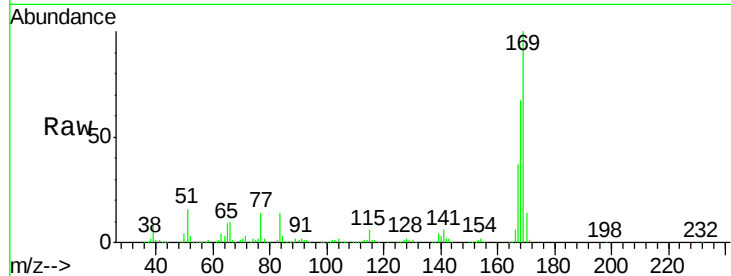
ClientSampleId :

PB95763BS

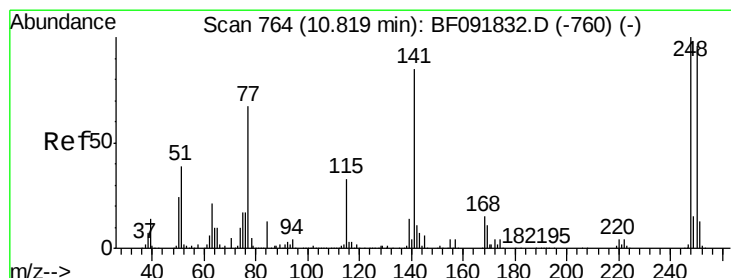
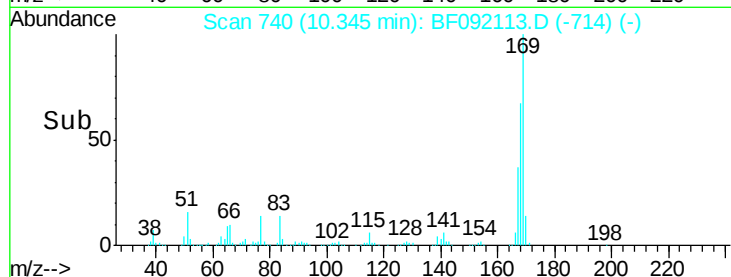
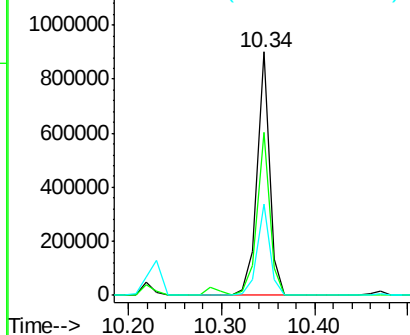
Tot Ion:	169	Resp:	840521
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.2
167	37.4	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 47.39 ng

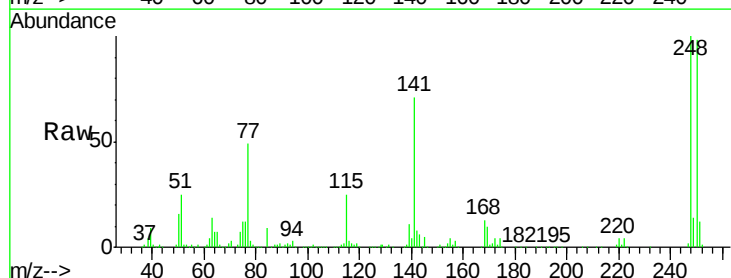
RT: 10.71 min Scan# 772

Delta R.T. 0.00 min

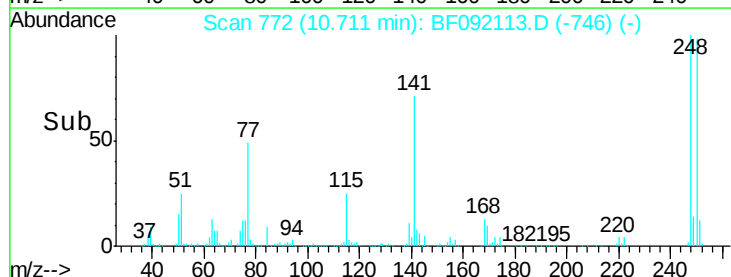
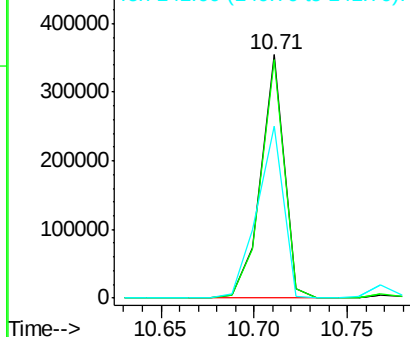
Lab File: BF092113.D

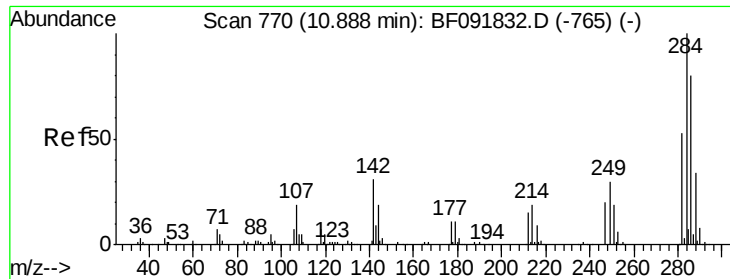
Acq: 6 Jan 2017 13:29

Tgt Ion:	248	Resp:	307166
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	70.7	68.2	102.4



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





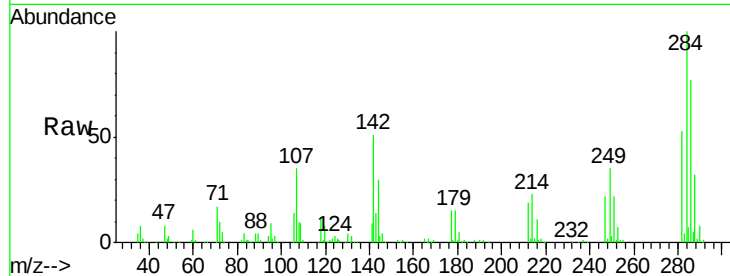
#67
Hexachlorobenzene
Concen: 44.17 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

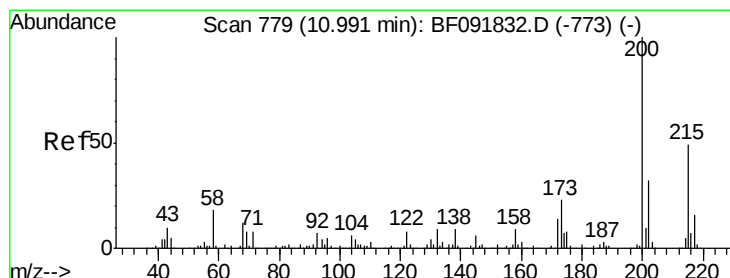
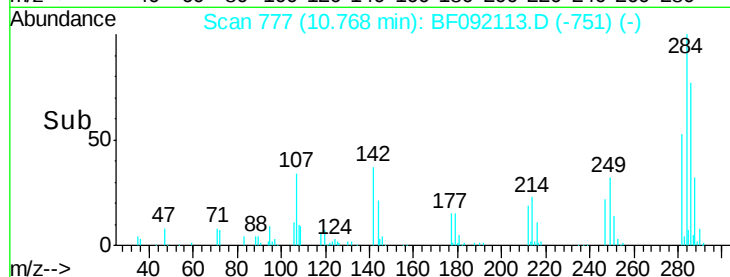
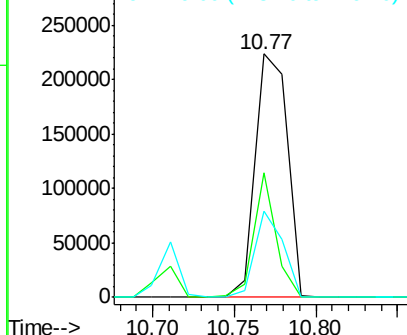
Tot Ion	Ratio	Lower	Upper
284	100		
142	51.3	22.6	33.8#
249	35.4	25.4	38.0

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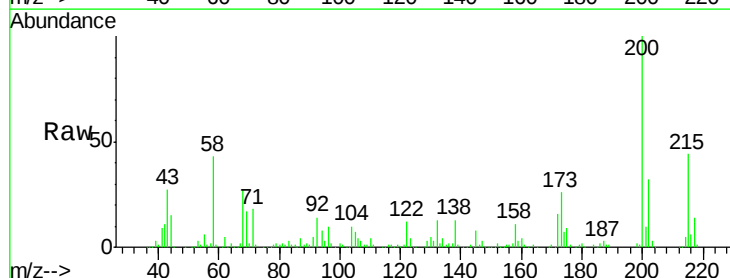


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

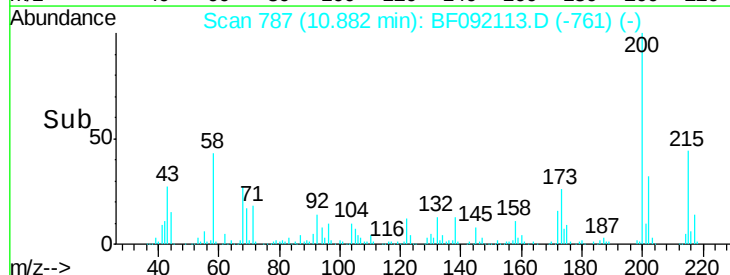
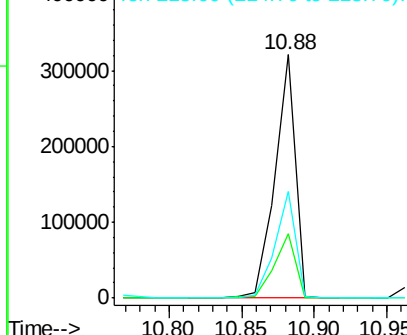


#68
Atrazine
Concen: 52.48 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	9.6	49.6
215	43.7	25.7	65.7



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





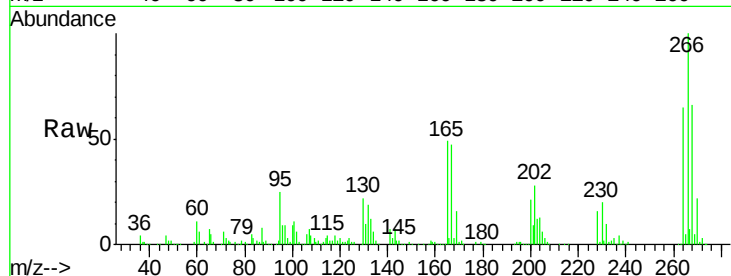
#69
 Pentachlorophenol
 Concen: 87.35 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

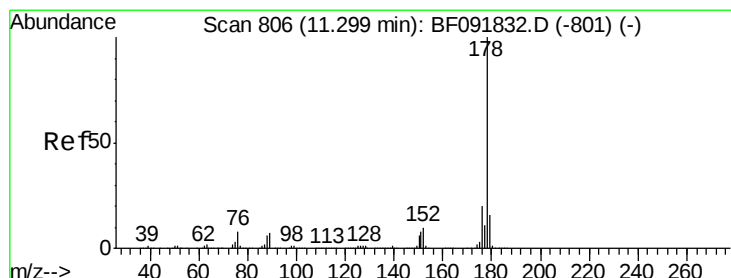
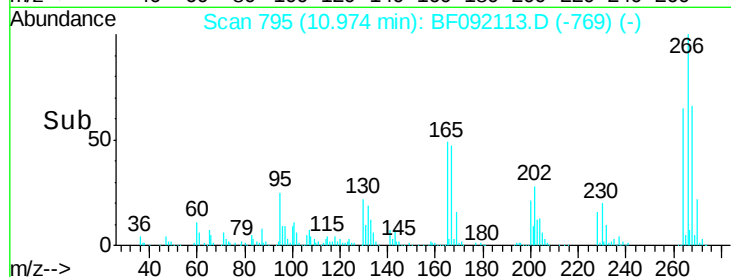
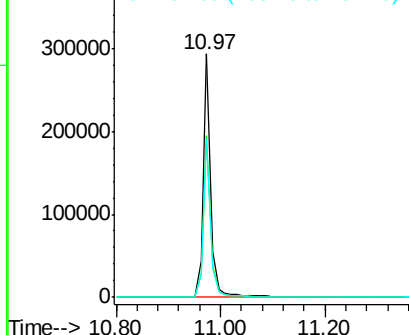
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	53.3	79.9
264	65.4	50.3	75.5

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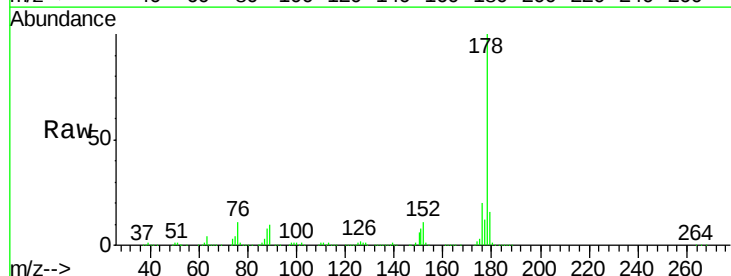


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

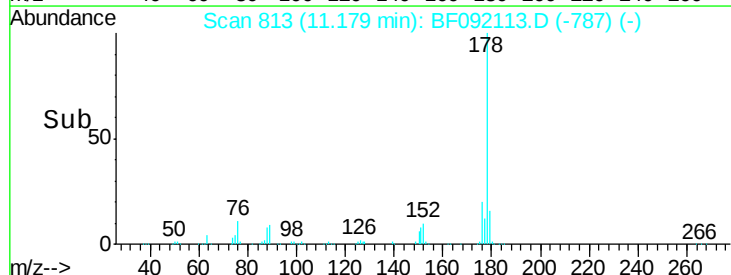
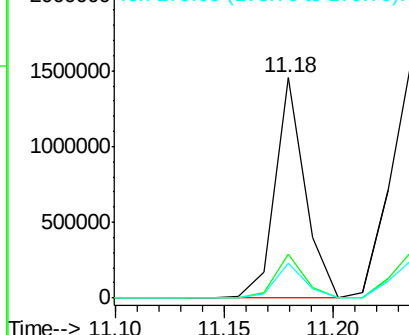


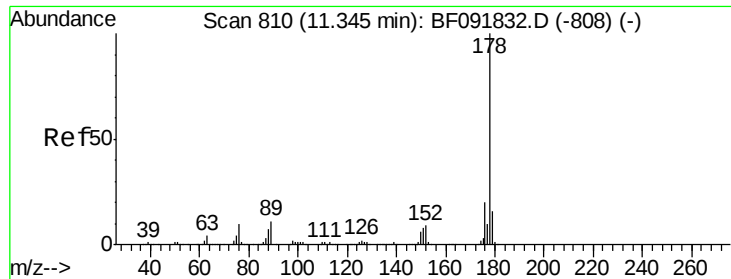
#70
 Phenanthrene
 Concen: 41.47 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.0	12.8	19.2



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





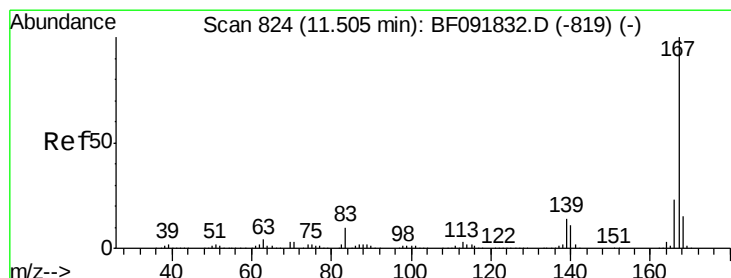
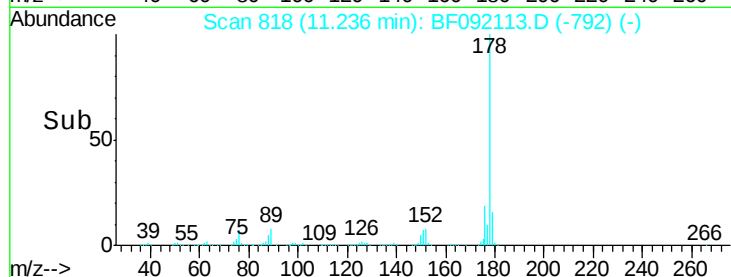
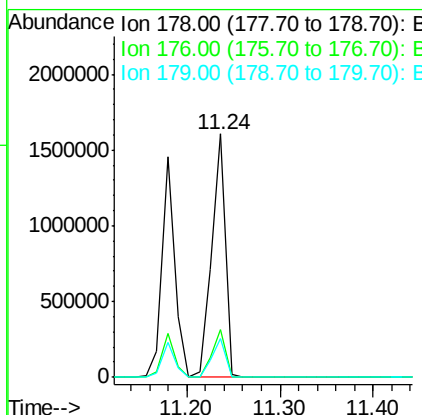
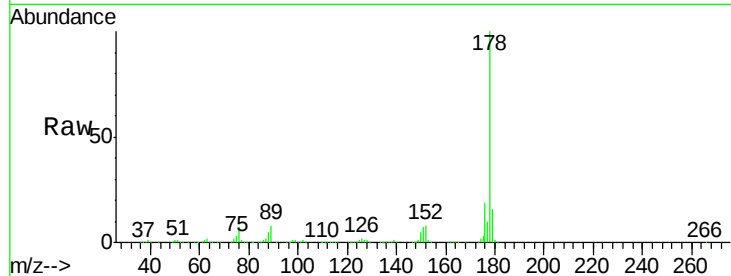
#71
 Anthracene
 Concen: 63.49 ng
 RT: 11.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

Tot Ion:178 Resp: 1637221
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.9 13.2 19.8

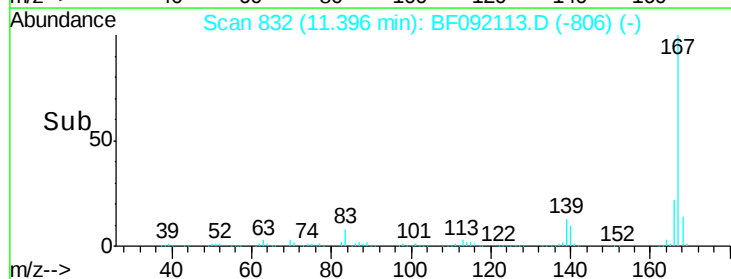
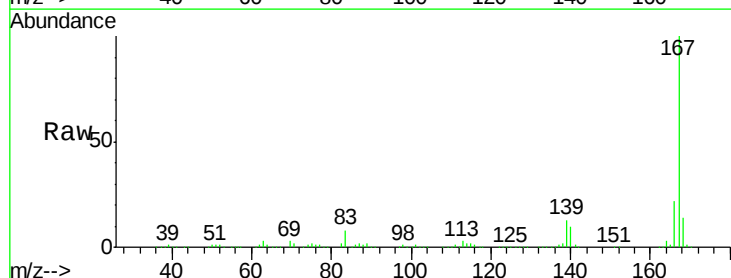
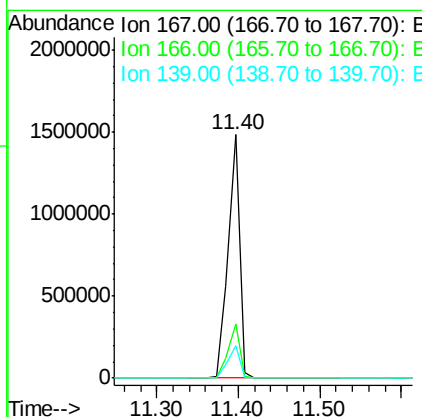
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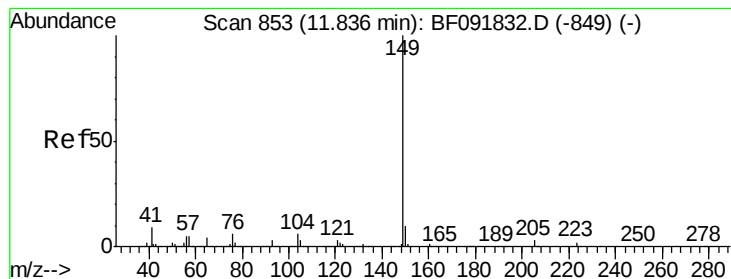
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#72
 Carbazole
 Concen: 63.71 ng
 RT: 11.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion:167 Resp: 1443389
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 13.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 51.70 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

ClientSampleId :

PB95763BS

Tot Ion:149 Resp: 1635665

Ion Ratio Lower Upper

149 100

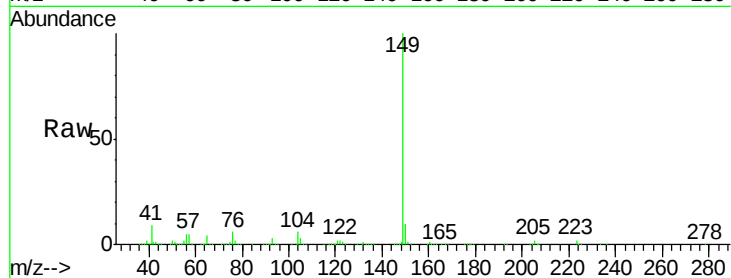
150 9.8 8.1 12.1

104 5.6 4.6 7.0

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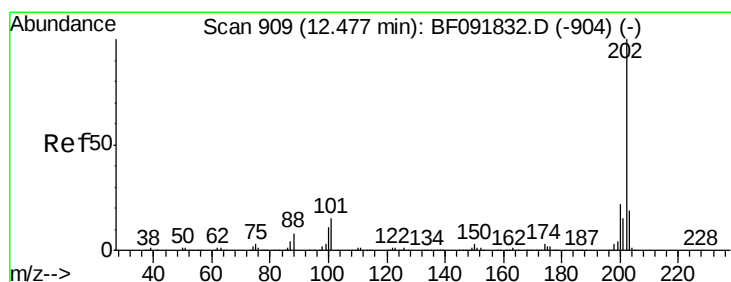
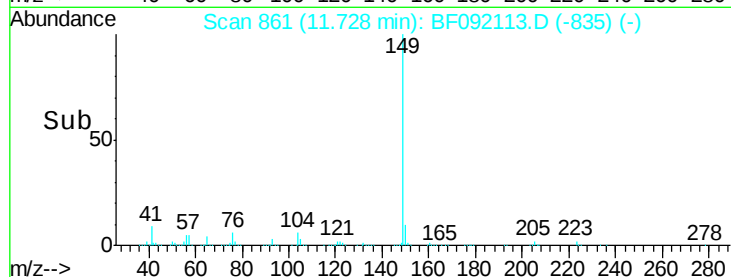
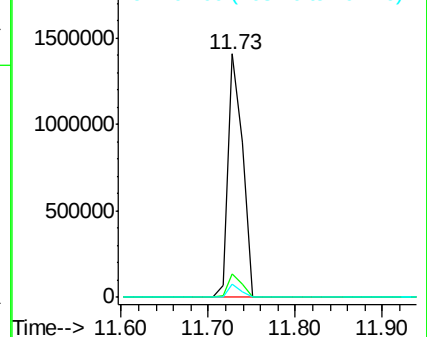
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.95 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

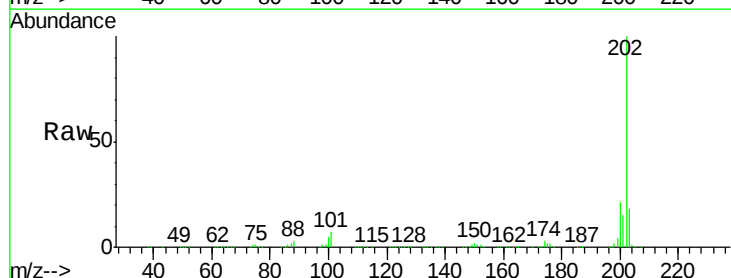
Tgt Ion:202 Resp: 1549459

Ion Ratio Lower Upper

202 100

101 7.2 0.0 34.6

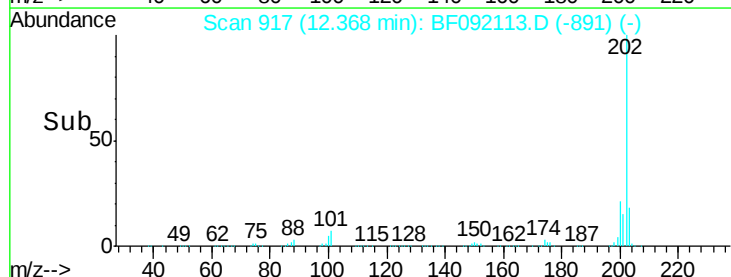
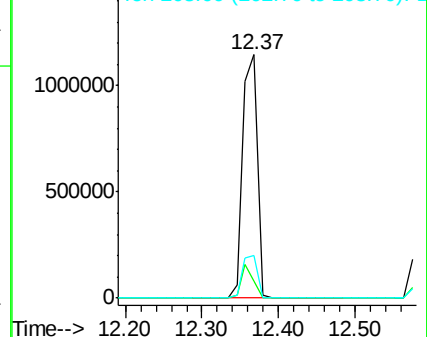
203 17.6 0.0 38.7

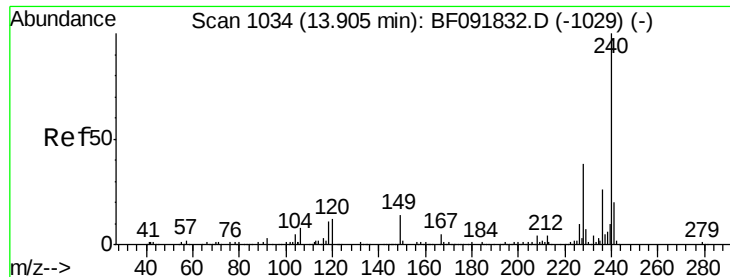


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

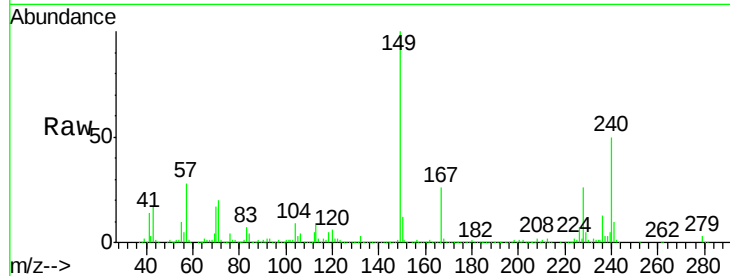
ClientSampleId :

PB95763BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.9	19.3#
236	25.7	20.9	31.3

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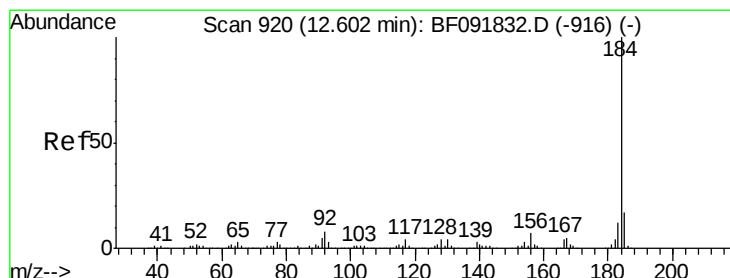
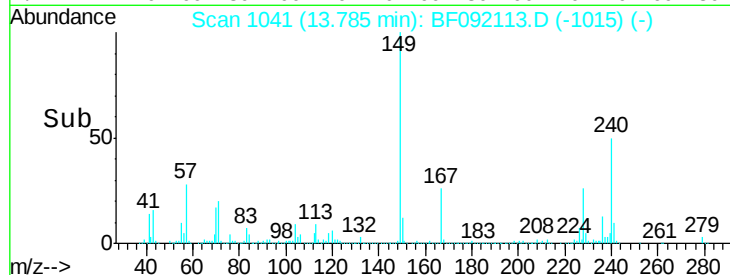
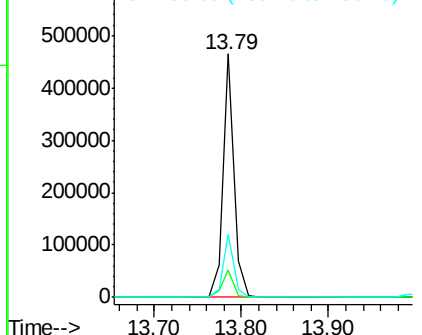
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.60 ng

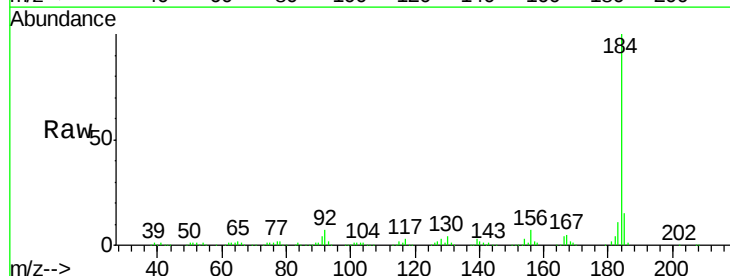
RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

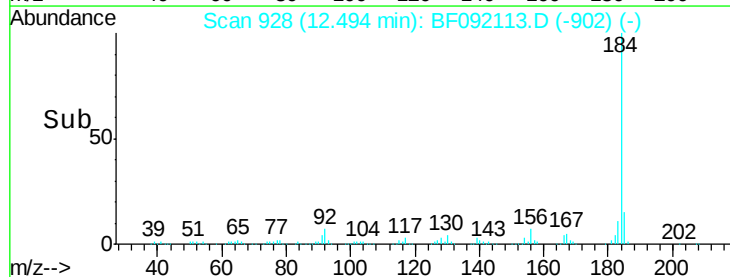
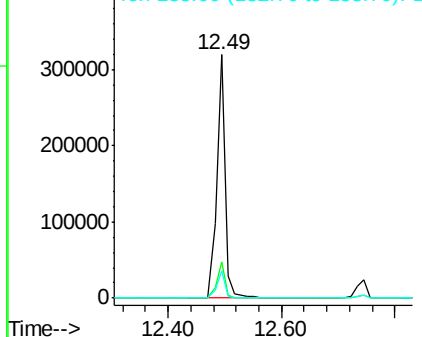
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.0
183	11.0	9.2	13.8

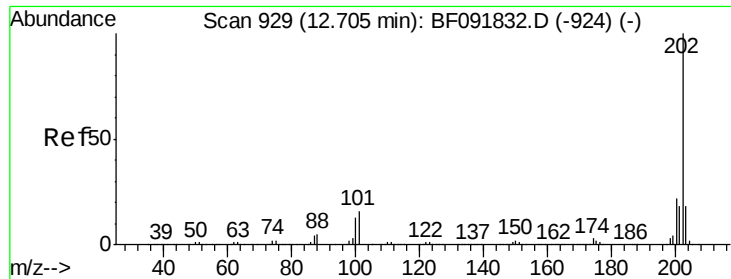


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





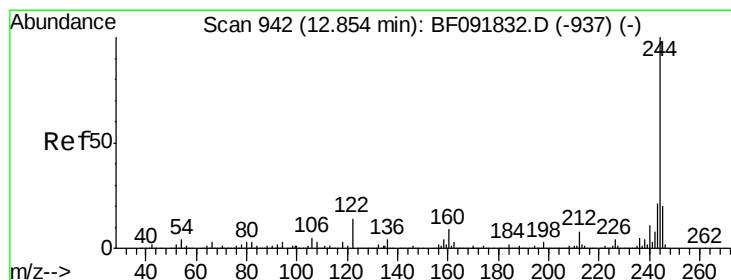
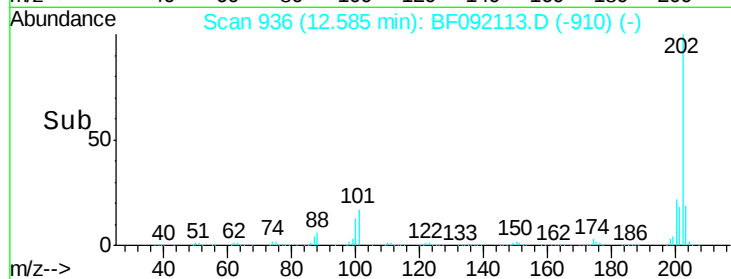
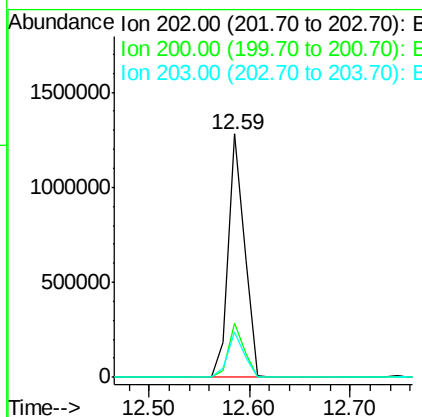
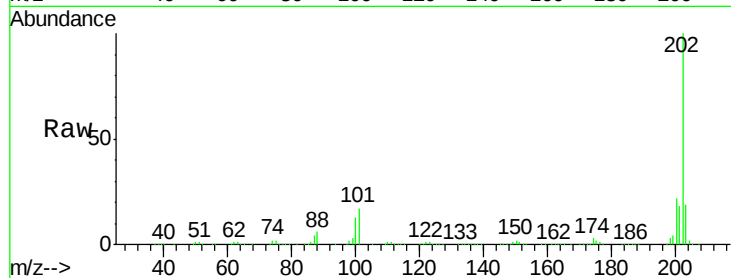
#77
Pvrene
Concen: 47.14 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.6	14.7	22.1

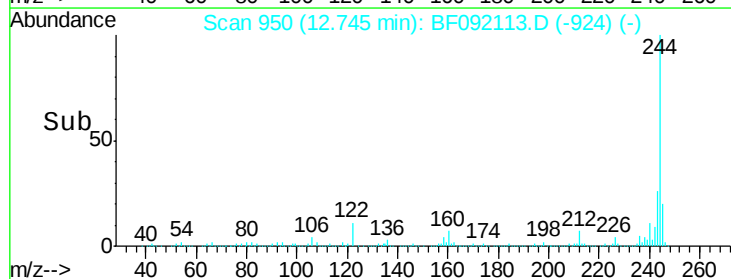
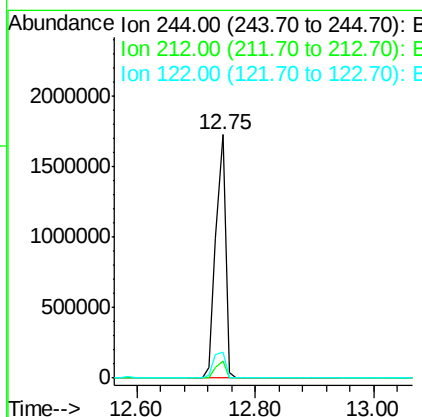
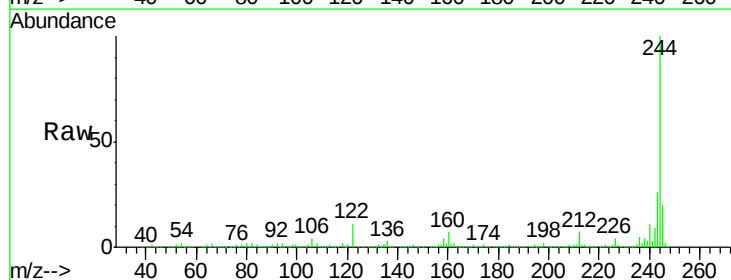
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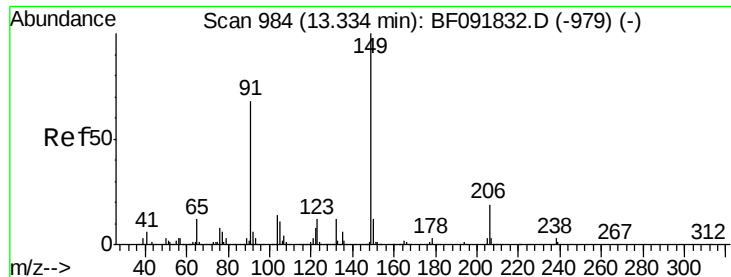
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#78
Terphenyl-d14
Concen: 113.62 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.8	11.4	17.2#





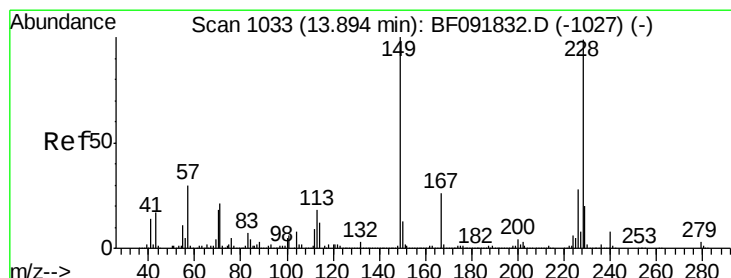
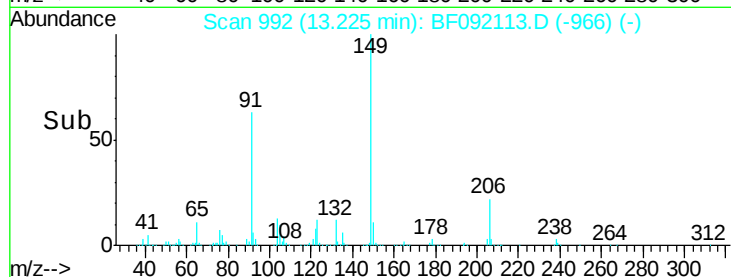
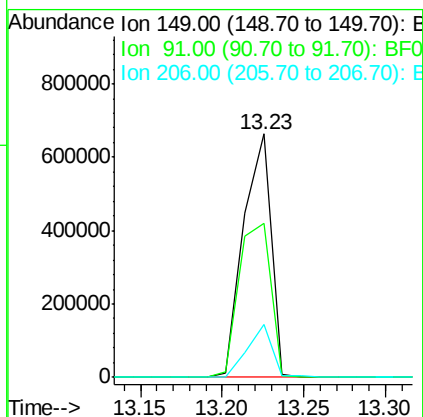
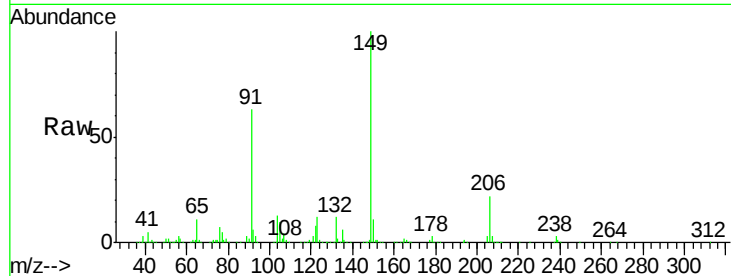
#79
Butylbenzylphthalate
Concen: 56.02 ng
RT: 13.23 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.5	63.9	95.9#
206	21.8	14.6	21.8

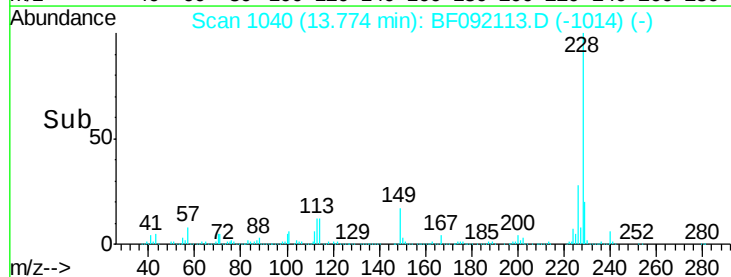
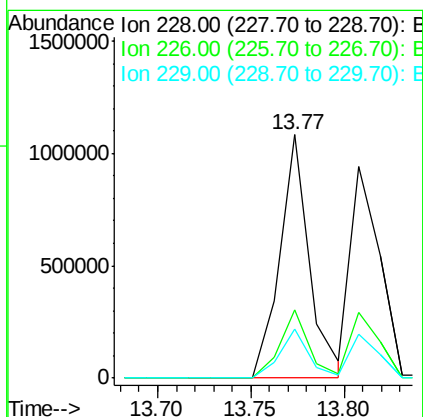
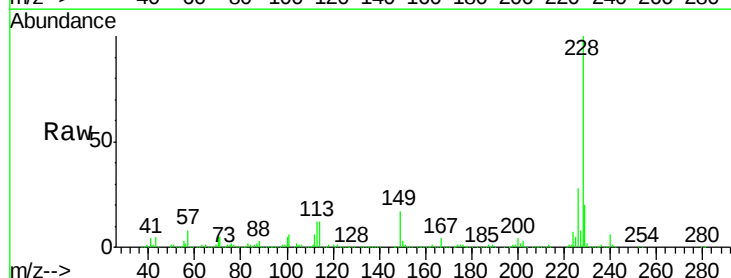
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#80
Benzo(a)anthracene
Concen: 50.96 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.3	16.2	24.4





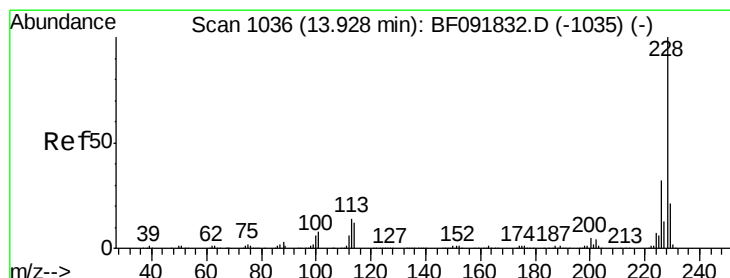
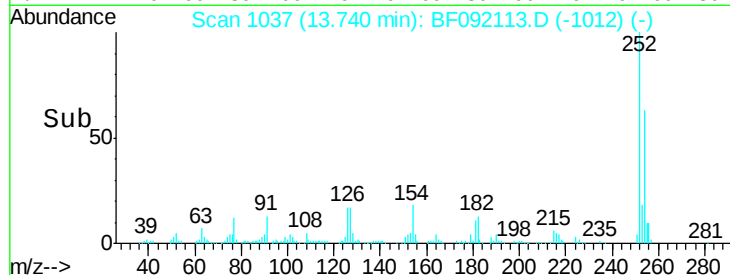
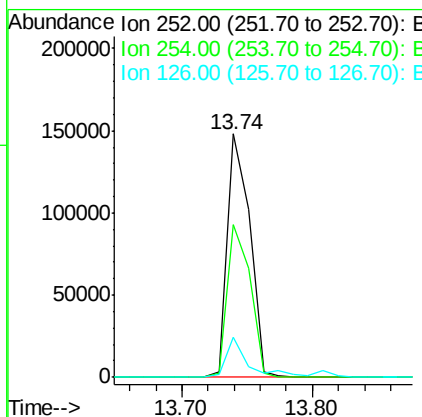
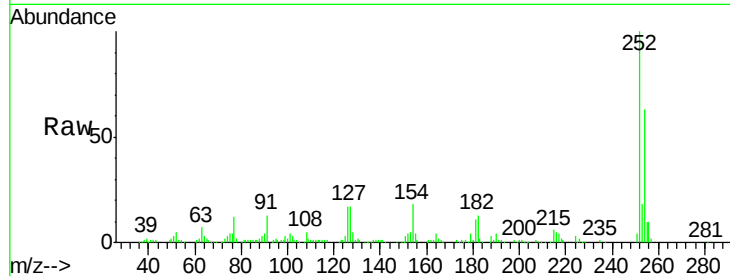
#81
 3,3'-Dichlorobenzidine
 Concen: 19.91 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.3	78.5
126	16.6	13.6	20.4

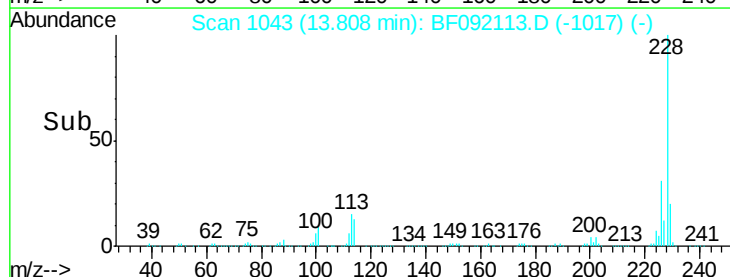
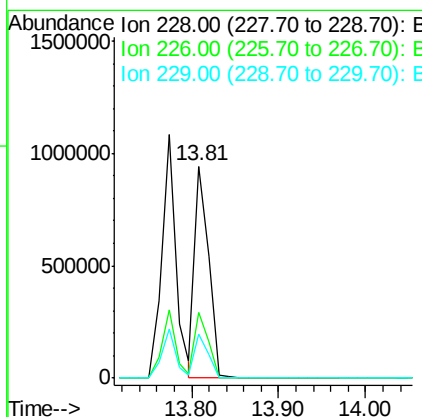
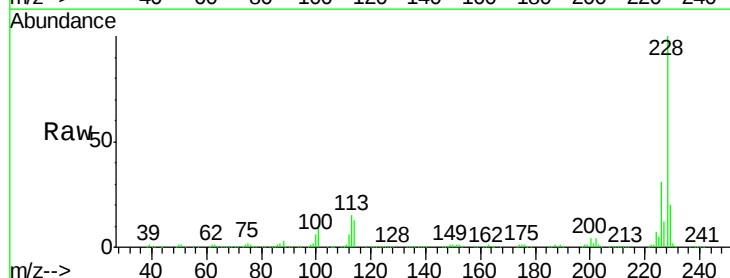
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#82
 Chrysene
 Concen: 44.22 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.20 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Instrument :

BNA_F

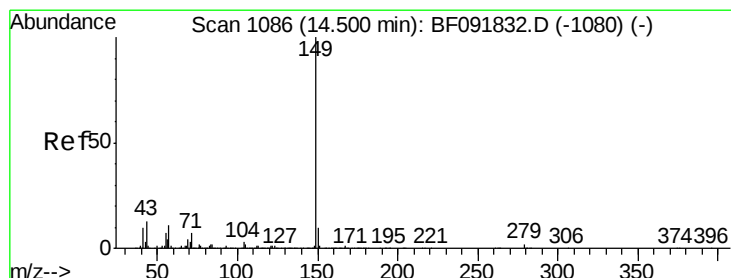
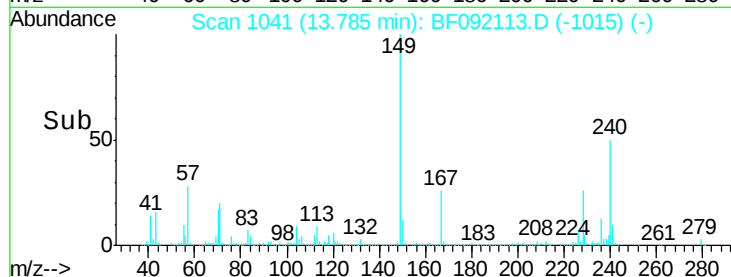
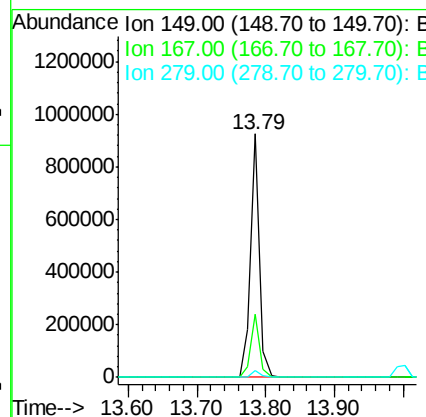
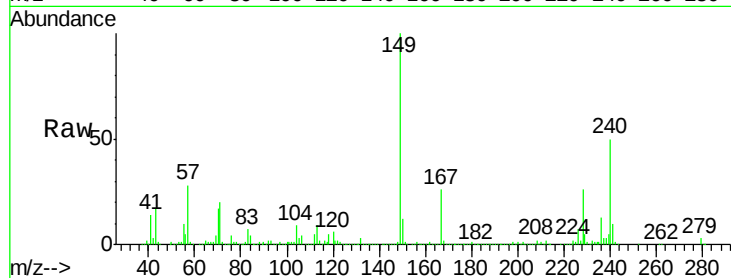
ClientSampleId :

PB95763BS

Tot Ion:	149	Resp:	837851
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.2	30.4
279	2.6	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 44.88 ng

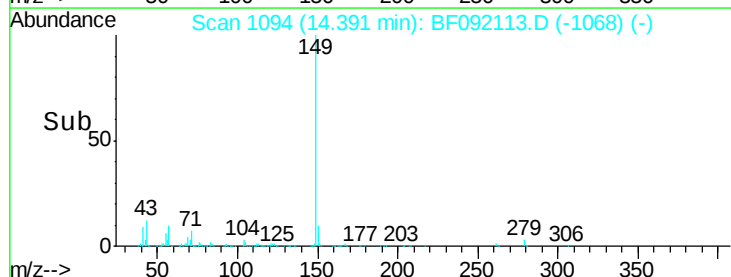
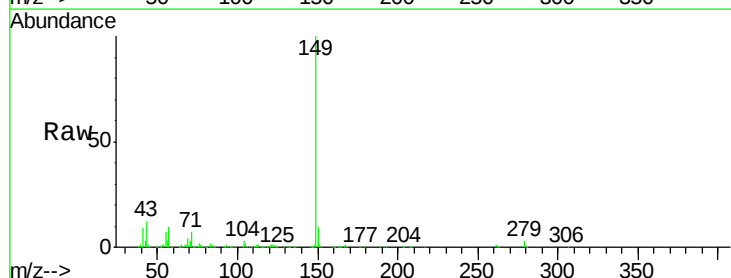
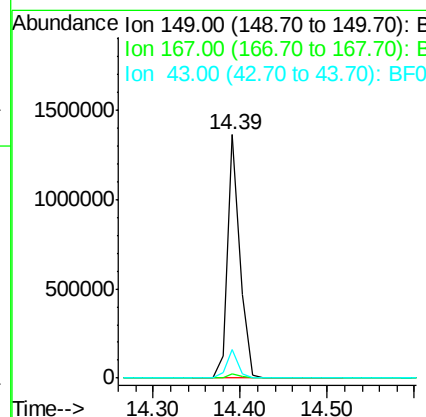
RT: 14.39 min Scan# 1094

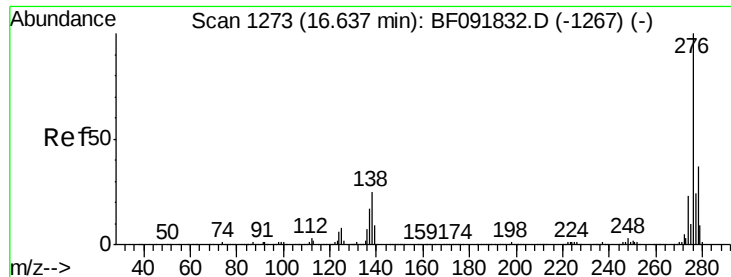
Delta R.T. 0.00 min

Lab File: BF092113.D

Acq: 6 Jan 2017 13:29

Tgt Ion:	149	Resp:	1360662
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3





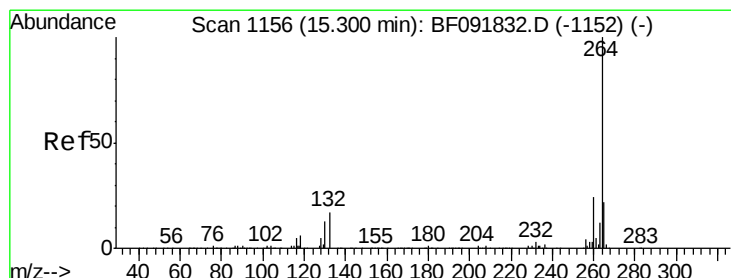
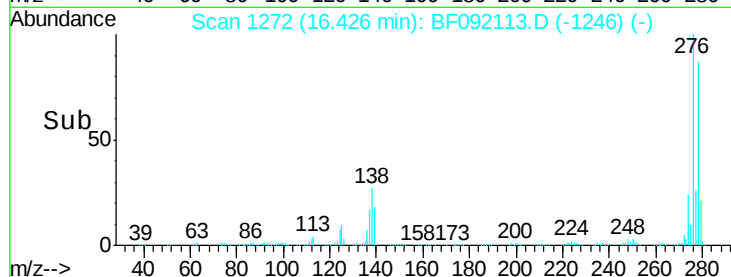
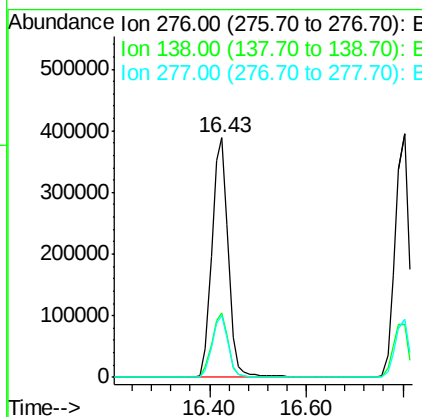
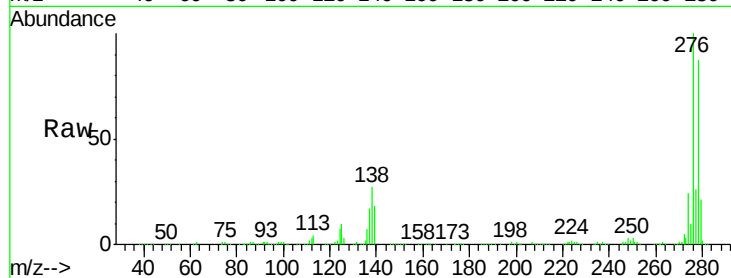
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.48 ng
RT: 16.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampled :
PB95763BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.6
277	25.1	20.2	30.4

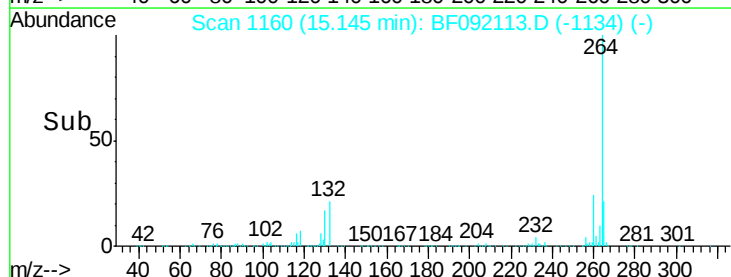
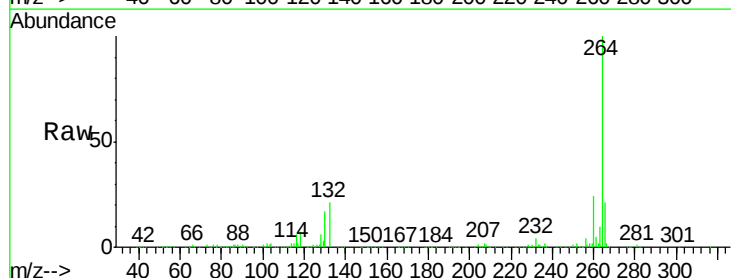
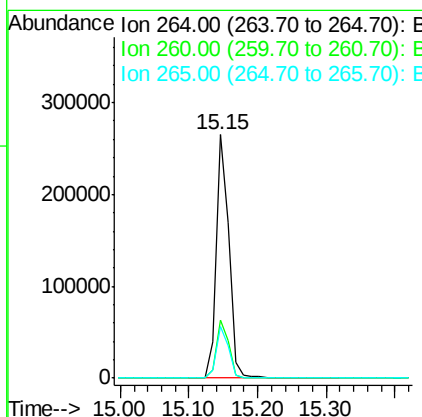
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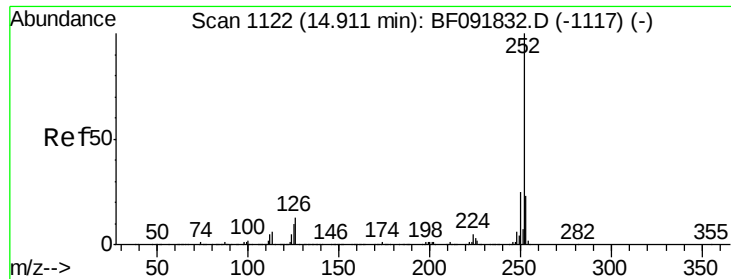
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.4	26.0





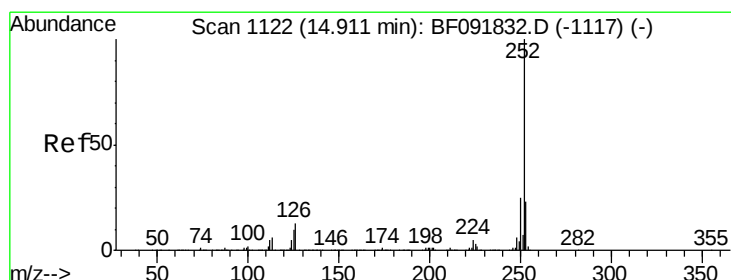
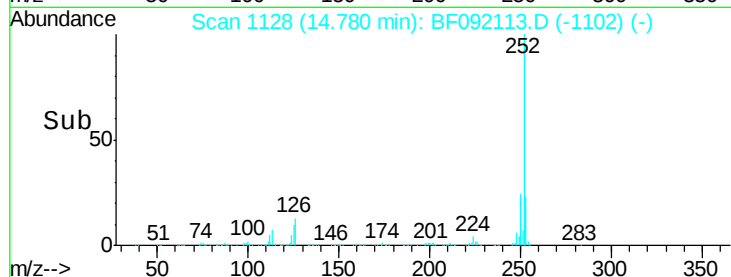
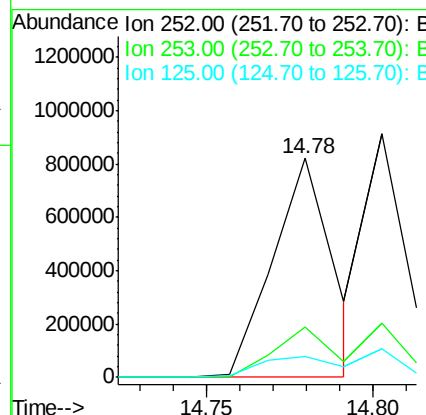
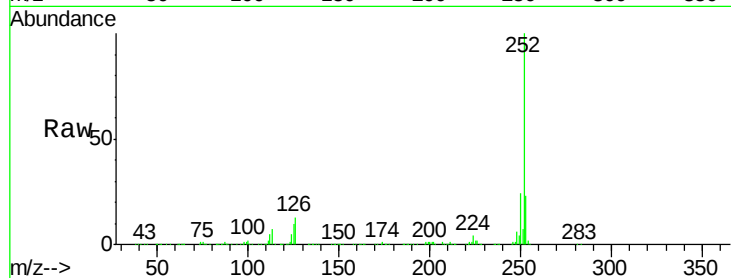
#87
Benzo(b)fluoranthene
Concen: 48.25 ng m
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampleId :
PB95763BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.6	9.8	14.6

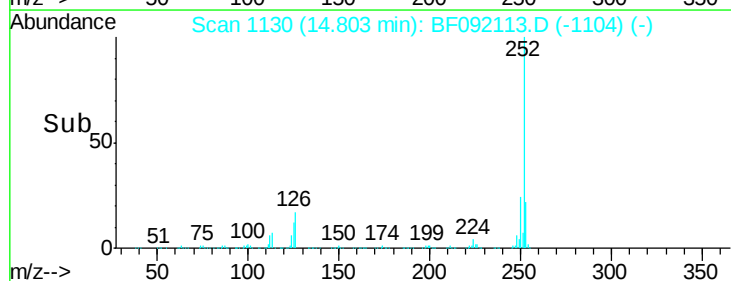
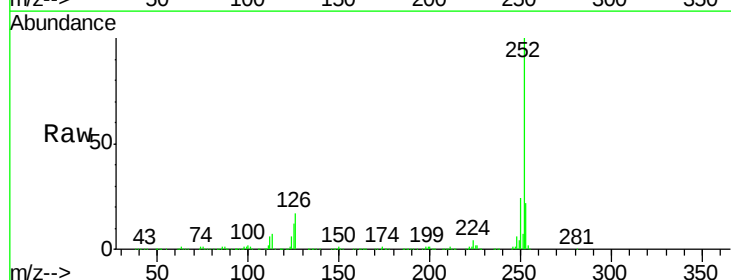
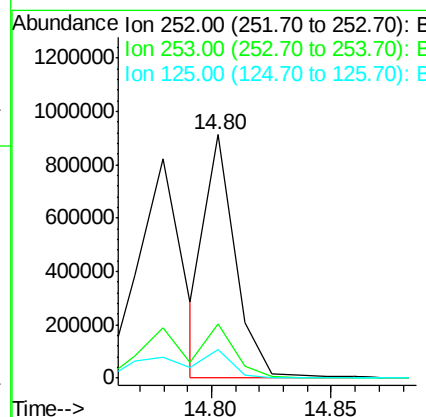
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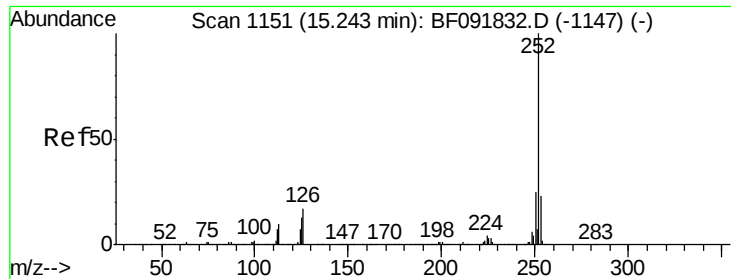
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#88
Benzo(k)fluoranthene
Concen: 43.46 ng m
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	11.8	8.9	13.3





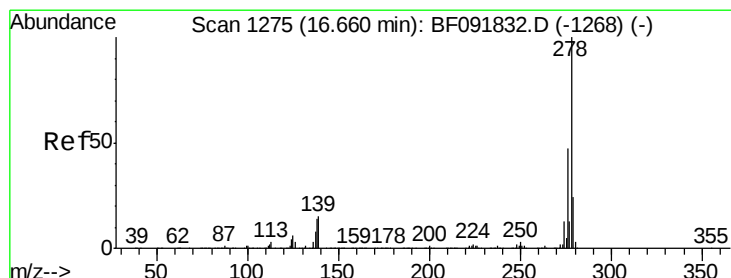
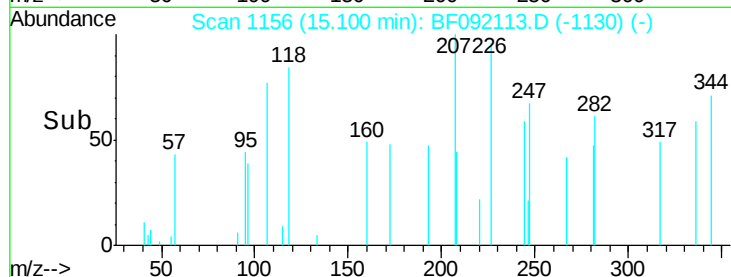
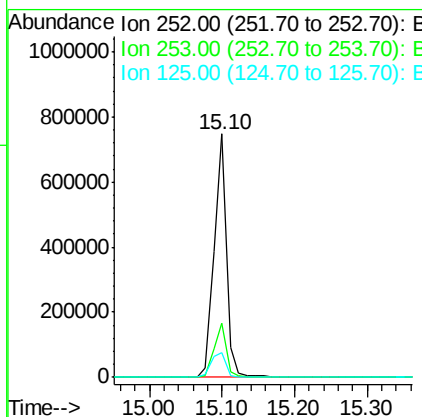
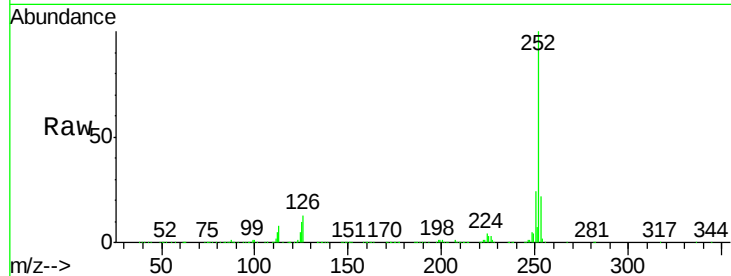
#89
Benzo(a)pyrene
Concen: 46.50 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Instrument :
BNA_F
ClientSampled :
PB95763BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.9	10.0	15.0

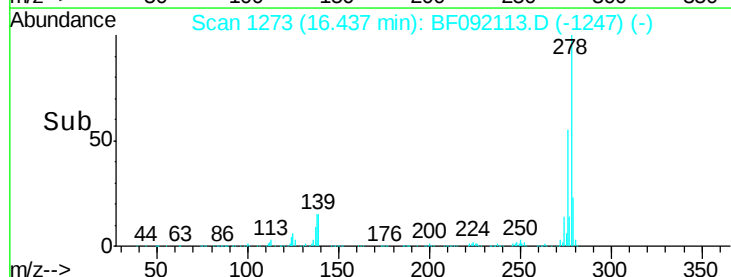
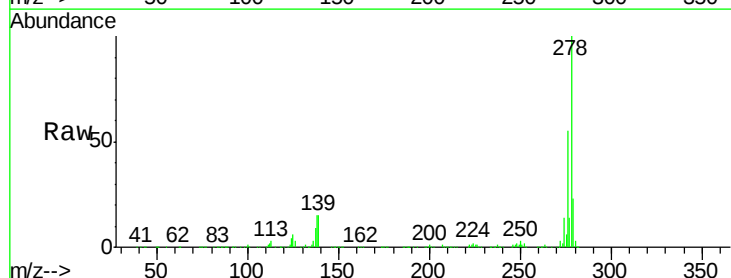
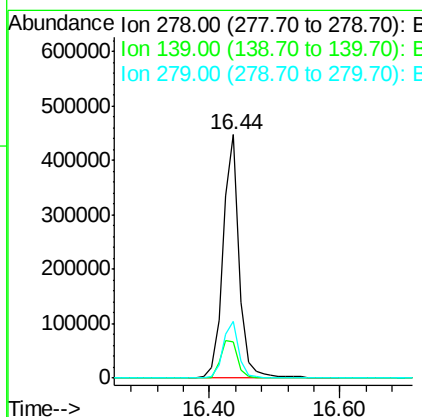
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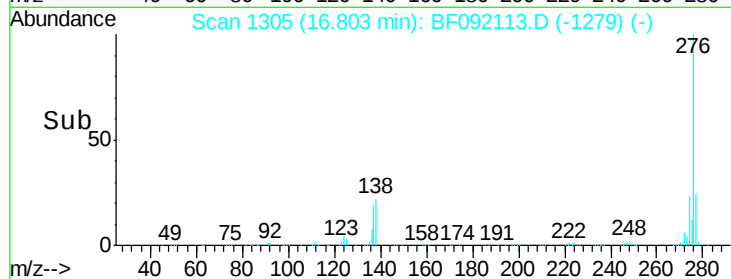
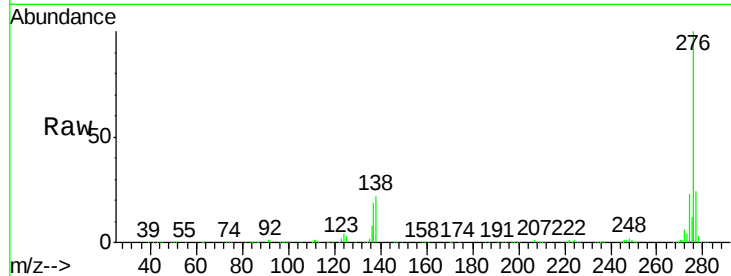
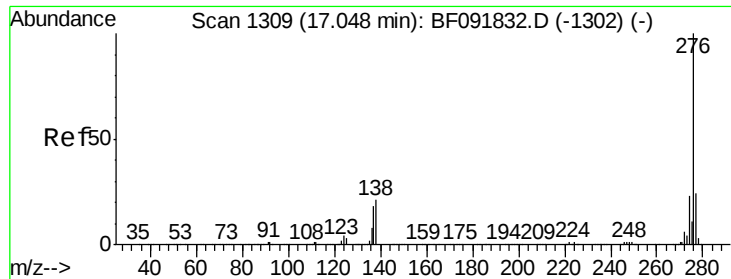
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#90
Dibenzo(a,h)anthracene
Concen: 49.20 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092113.D
Acq: 6 Jan 2017 13:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.87 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092113.D
 Acq: 6 Jan 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
811158	276	100			
	277	23.6		19.2	28.8
	138	21.7		16.0	24.0

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