

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091050.D
 Acq On : 7 Nov 2016 12:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 11/8/2016 4:30:54 PM

Quant Time: Nov 07 17:42:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	174379	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	747844	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	347461	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	612090	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	509098	20.00	ng	-0.03
86) Perylene-d12	15.21	264	391363	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	888744	84.17	ng	-0.03
7) Phenol-d6	6.33	99	1092009	76.20	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1096167	79.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	313085	99.67	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1849083	91.62	ng	-0.02
78) Terphenyl-d14	12.78	244	1873527	91.83	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	229043	37.92	ng	97
3) Pyridine	2.80	79	662617	46.90	ng	98
4) n-Nitrosodimethylamine	2.76	42	223421	39.98	ng	91
6) Aniline	6.34	93	675061	39.93	ng	# 69
8) 2-Chlorophenol	6.45	128	499673	39.67	ng	98
9) Benzaldehyde	6.21	77	301547	37.91	ng	99
10) Phenol	6.34	94	641531	40.45	ng	# 80
11) bis(2-Chloroethyl)ether	6.42	93	552287	41.32	ng	90
12) 1,3-Dichlorobenzene	6.61	146	534793	41.98	ng	100
13) 1,4-Dichlorobenzene	6.69	146	531662	38.90	ng	97
14) 1,2-Dichlorobenzene	6.84	146	522389	41.65	ng	98
15) Benzyl Alcohol	6.83	79	418746	41.42	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	673223	35.18	ng	73
17) 2-Methylphenol	6.94	107	380065	38.12	ng	99
18) Hexachloroethane	7.18	117	211585	40.00	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	406811	40.96	ng	# 89
20) 3+4-Methylphenols	7.10	107	508340	42.46	ng	95
22) Acetophenone	7.09	105	710448	41.26	ng	# 96
24) Nitrobenzene	7.26	77	638020	42.14	ng	97
25) Isophorone	7.50	82	1006871	38.12	ng	98
26) 2-Nitrophenol	7.58	139	282755	44.13	ng	# 71
27) 2,4-Dimethylphenol	7.63	122	432432	40.81	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	595822	41.29	ng	100
29) 2,4-Dichlorophenol	7.82	162	372127	40.24	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	434280	41.76	ng	99
31) Naphthalene	7.98	128	1493673	41.76	ng	100
32) Benzoic acid	7.78	122	312134	38.84	ng	100
33) 4-Chloroaniline	8.04	127	620836	41.74	ng	98
34) Hexachlorobutadiene	8.10	225	217084	38.68	ng	100
35) Caprolactam	8.43	113	131565	45.28	ng	# 66
36) 4-Chloro-3-methylphenol	8.53	107	427662	38.20	ng	89
37) 2-Methylnaphthalene	8.67	142	875025	38.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	407547	46.00	ng	99
40) Hexachlorocyclopentadiene	8.83	237	126641	40.56	ng	98

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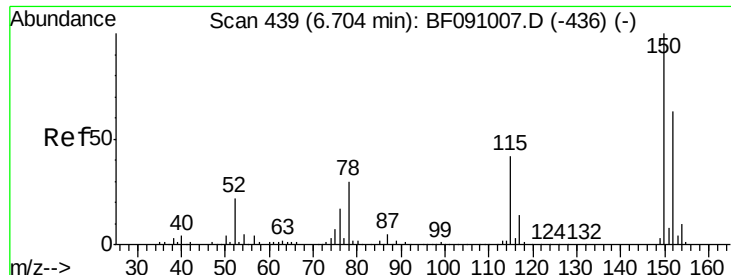
Manual Integrations
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 11/8/2016 4:30:54 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	248673	43.48	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	270171	45.00	nq #	90
45) 1,1'-Biphenyl	9.14	154	1052542	41.49	nq	99
46) 2-Chloronaphthalene	9.16	162	812382	42.17	nq	99
47) 2-Nitroaniline	9.26	65	272429	38.11	nq	97
48) Acenaphthylene	9.57	152	1167610	38.90	nq	100
49) Dimethylphthalate	9.46	163	939342	41.23	nq	97
50) 2,6-Dinitrotoluene	9.52	165	234895	48.11	nq #	58
51) Acenaphthene	9.74	154	715411	37.96	nq	99
52) 3-Nitroaniline	9.69	138	246503	42.57	nq #	71
53) 2,4-Dinitrophenol	9.79	184	110196	44.45	nq #	90
54) Dibenzofuran	9.92	168	1037389	40.89	nq	98
55) 4-Nitrophenol	9.86	139	141007	39.68	nq #	77
56) 2,4-Dinitrotoluene	9.92	165	252938	40.71	nq #	86
57) Fluorene	10.26	166	803309	38.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	206867	43.98	nq	93
59) Diethylphthalate	10.14	149	885172	37.89	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	431848	45.76	nq	95
61) 4-Nitroaniline	10.30	138	249273	42.56	nq	84
62) Azobenzene	10.42	77	954994	34.73	nq	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	157185	41.94	nq	73
65) n-Nitrosodiphenylamine	10.38	169	790942	40.65	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	253773	39.86	nq #	63
67) Hexachlorobenzene	10.81	284	288896	41.14	nq	99
68) Atrazine	10.91	200	192191	34.24	nq	97
69) Pentachlorophenol	11.01	266	134646	43.29	nq	98
70) Phenanthrene	11.22	178	1268467	38.98	nq	100
71) Anthracene	11.28	178	1405404	40.63	nq	99
72) Carbazole	11.44	167	1249023	40.07	nq #	96
73) Di-n-butylphthalate	11.77	149	1444391	36.84	nq #	98
74) Fluoranthene	12.41	202	1405412	41.65	nq	88
76) Benzidine	12.53	184	554421	48.75	nq	99
77) Pyrene	12.62	202	1361812	40.85	nq	99
79) Butylbenzylphthalate	13.25	149	653728	40.99	nq	89
80) Benzo(a)anthracene	13.81	228	1242948	43.00	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	485750	47.83	nq #	99
82) Chrysene	13.86	228	1355296	47.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	852033	39.48	nq #	96
84) Di-n-octyl phthalate	14.43	149	1350860	38.07	nq	97
85) Indeno(1,2,3-cd)pyrene	16.51	276	922023	38.99	nq	99
87) Benzo(b)fluoranthene	14.83	252	1258977m	47.43	nq	
88) Benzo(k)fluoranthene	14.85	252	898296m	38.58	nq	
89) Benzo(a)pyrene	15.15	252	949827	41.10	nq #	97
90) Dibenzo(a,h)anthracene	16.52	278	805111	40.30	nq #	96
91) Benzo(g,h,i)perylene	16.89	276	729968	40.41	nq	100

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



#1

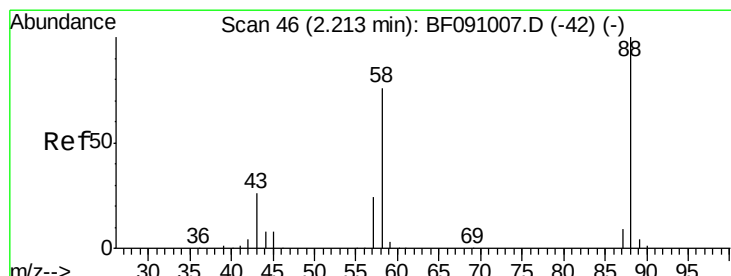
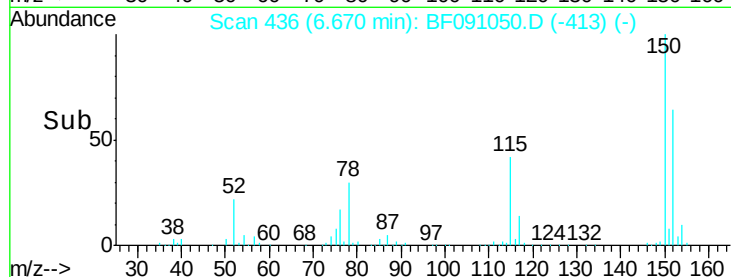
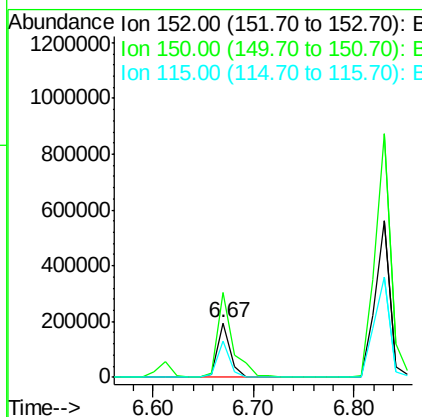
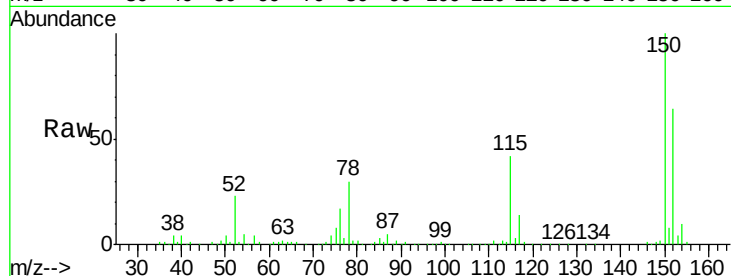
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.8	190.2
115	66.5	53.3	79.9

Manual Integrations
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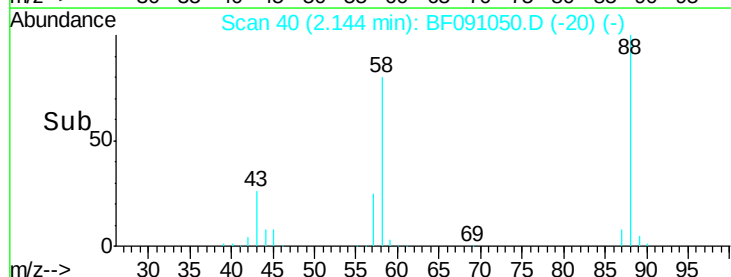
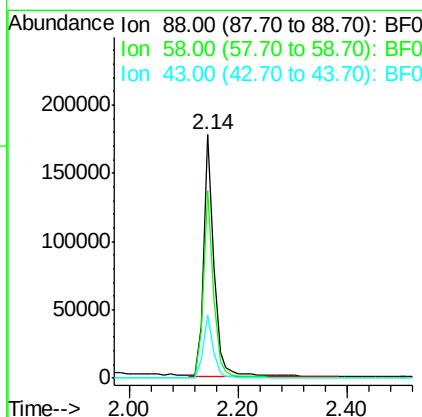
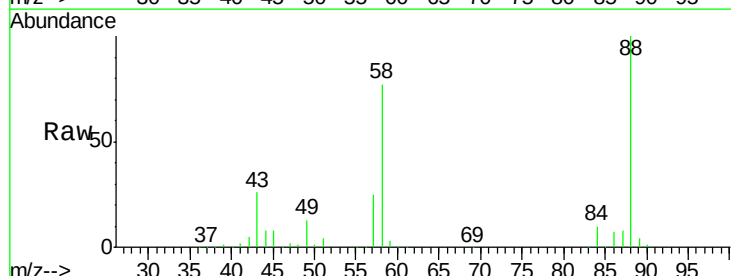
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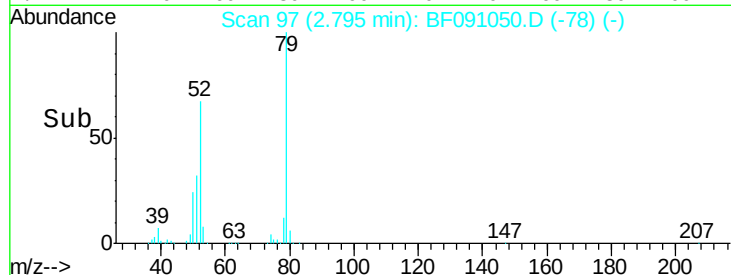
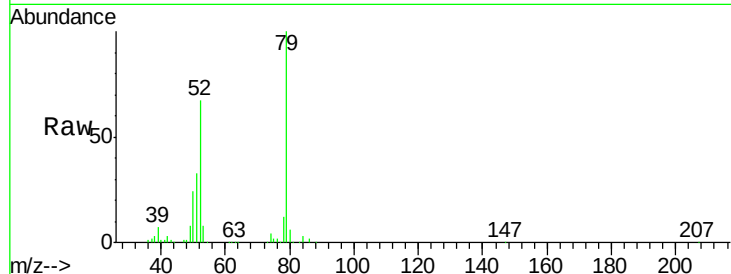
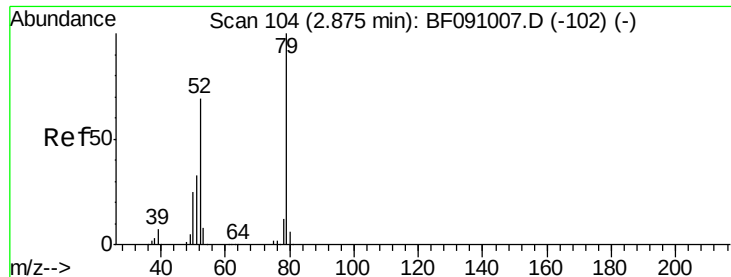


#2

1,4-Dioxane
Concen: 37.92 ng
RT: 2.14 min Scan# 40
Delta R.T. -0.07 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	63.8	95.6
43	26.7	22.6	33.8





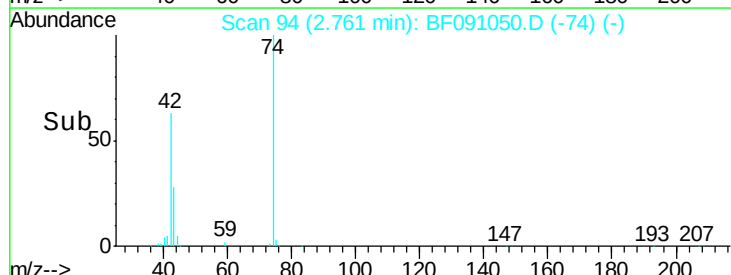
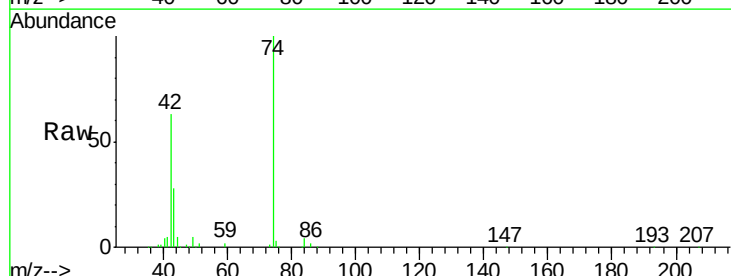
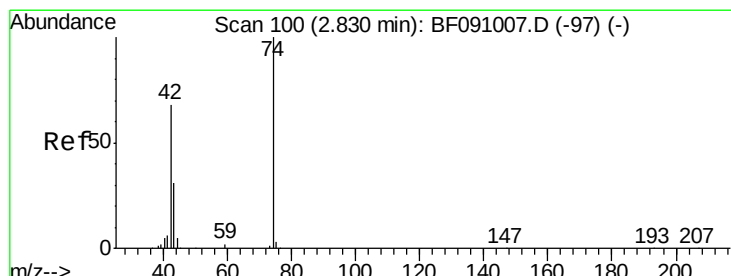
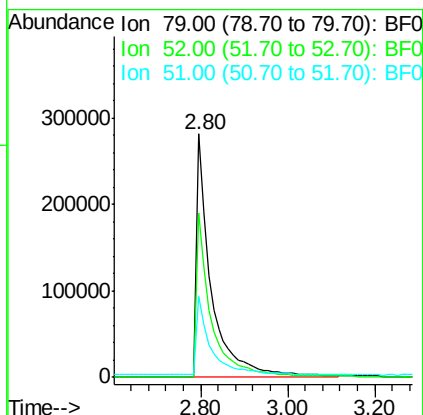
#3
Pvridine
Concen: 46.90 ng
RT: 2.80 min Scan# 97
Delta R.T. -0.08 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tot Ion	Ratio	Resp	Lower	Upper
79	100	662617		
52	67.2		55.4	83.0
51	33.1		27.4	41.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

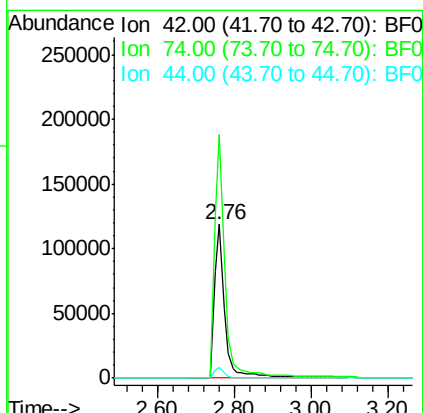
Manual Integrations
APPROVED

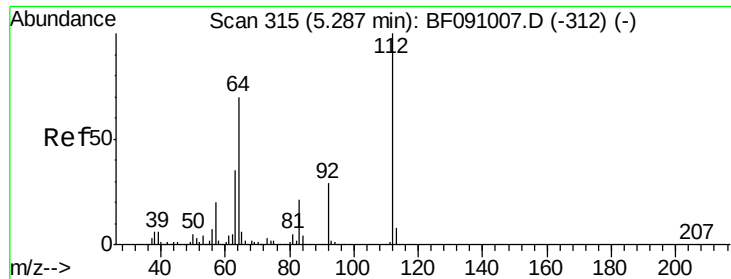
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#4
n-Nitrosodimethylamine
Concen: 39.98 ng
RT: 2.76 min Scan# 94
Delta R.T. -0.07 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	223421		
74	158.3		117.3	175.9
44	7.1		5.8	8.8





#5

2-Fluorophenol

Concen: 84.17 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

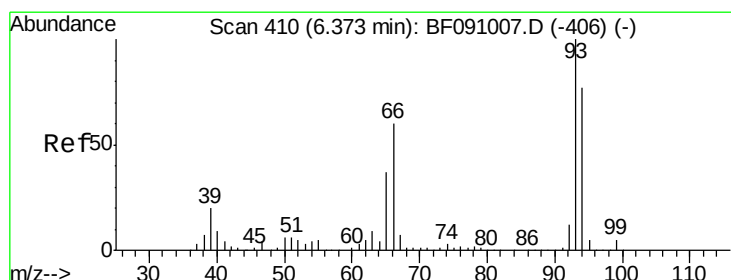
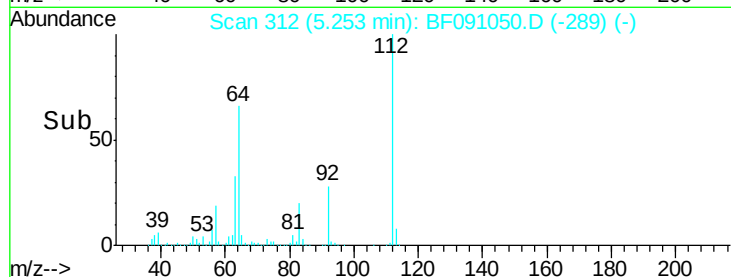
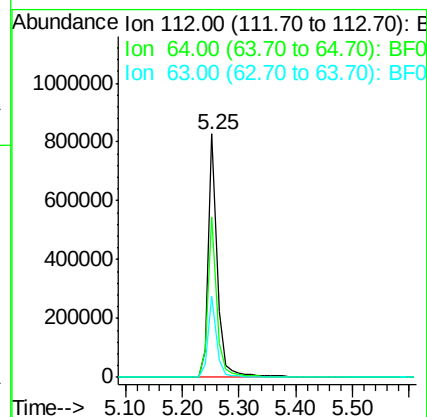
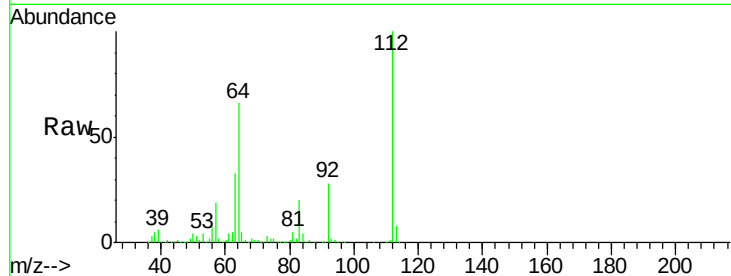
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	888744		
64	65.8		55.8	83.6
63	33.1		28.0	42.0

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#6

Aniline

Concen: 39.93 ng

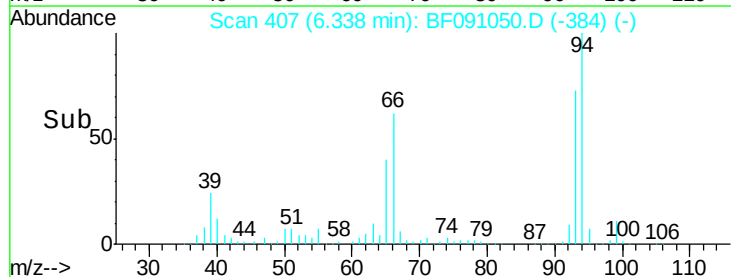
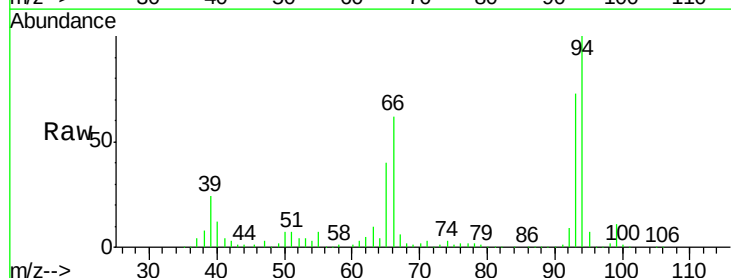
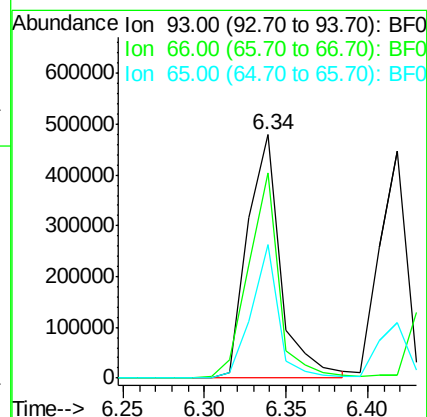
RT: 6.34 min Scan# 407

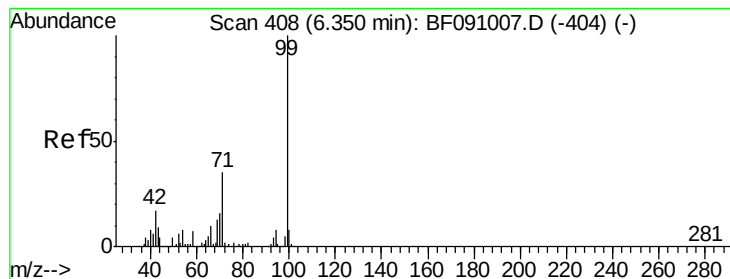
Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	675061		
66	84.4		48.2	72.2#
65	54.8		29.4	44.0#





#7

Phenol-d6

Concen: 76.20 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1092009

Ion Ratio Lower Upper

99 100

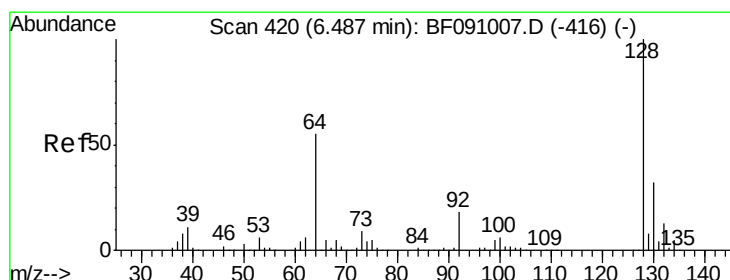
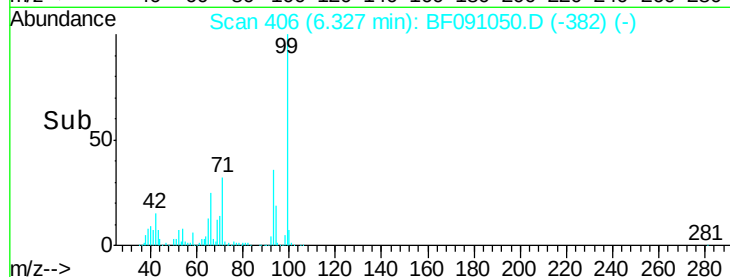
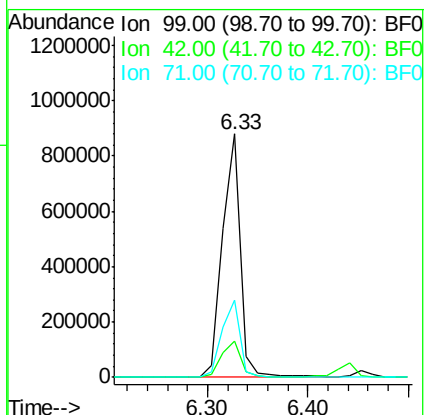
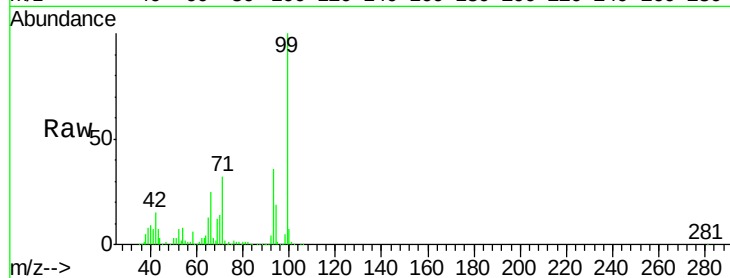
42 15.1 13.9 20.9

71 31.9 27.8 41.8

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#8

2-Chlorophenol

Concen: 39.67 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

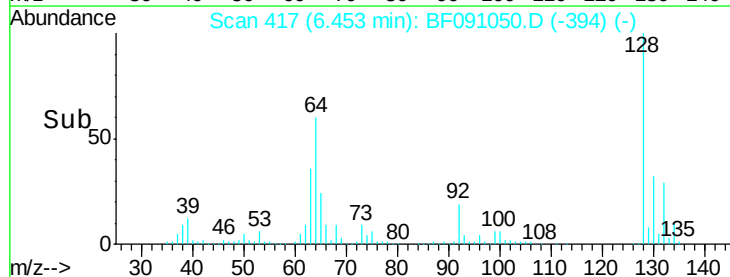
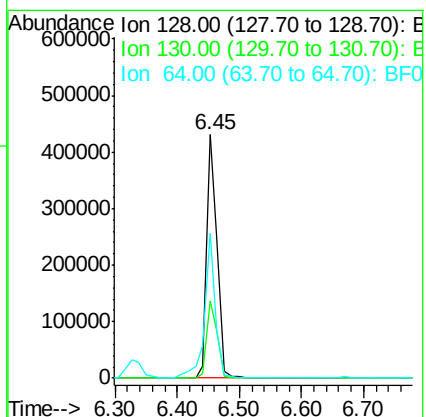
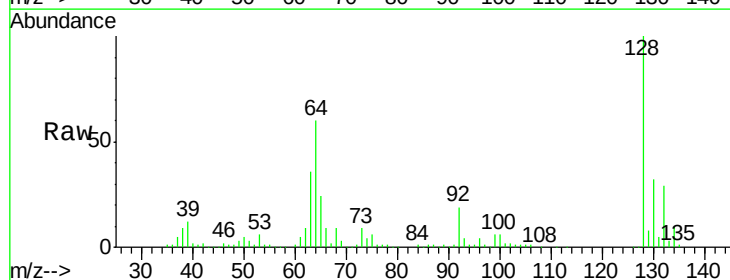
Tgt Ion: 128 Resp: 499673

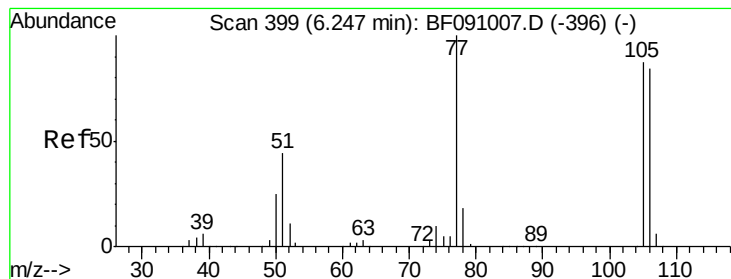
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 59.7 37.2 77.2





#9

Benzaldehyde

Concen: 37.91 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

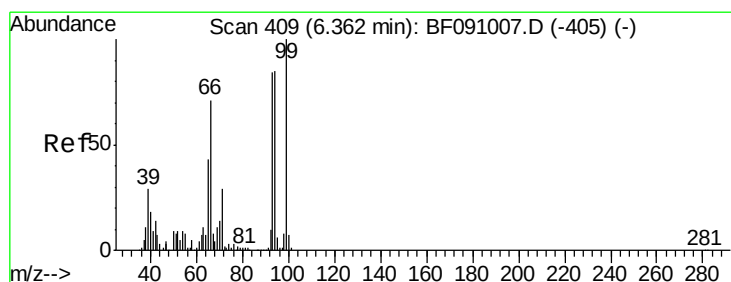
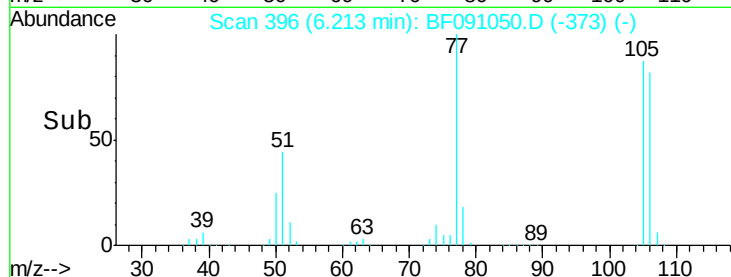
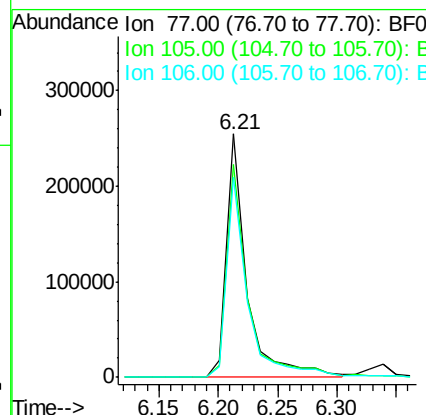
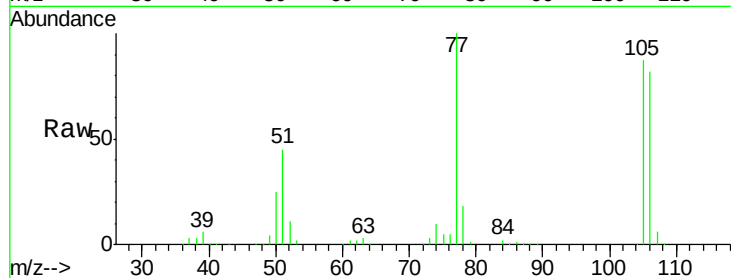
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	301547
Ion Ratio	Lower	Upper	
77	100		
105	87.2	66.8	106.8
106	82.1	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 40.45 ng

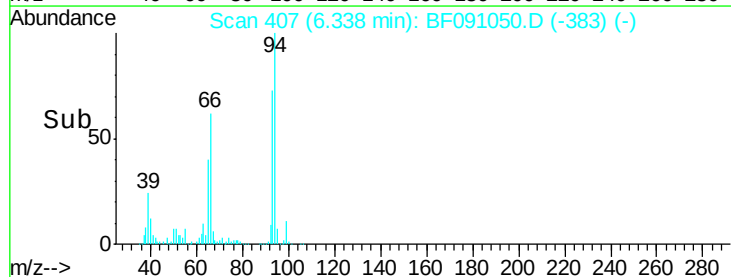
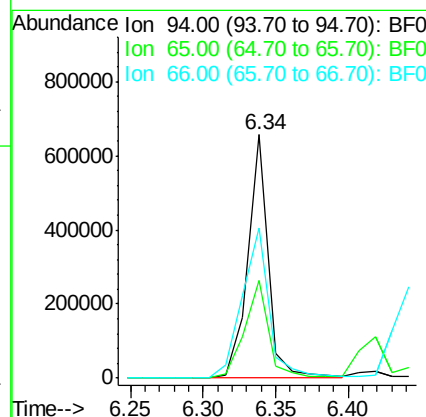
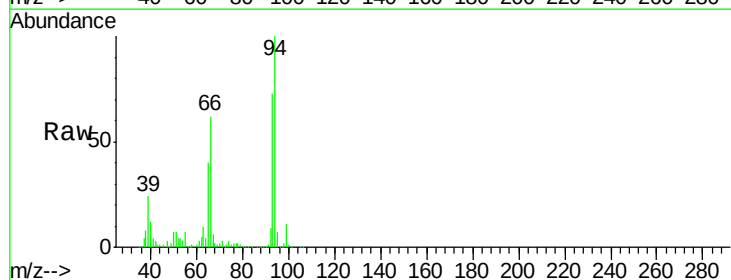
RT: 6.34 min Scan# 407

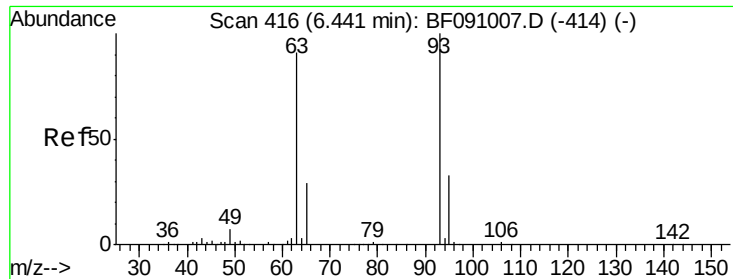
Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:	94	Resp:	641531
Ion Ratio	Lower	Upper	
94	100		
65	40.0	30.4	70.4
66	61.6	62.9	102.9#





#11

bis(2-Chloroethyl)ether

Concen: 41.32 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

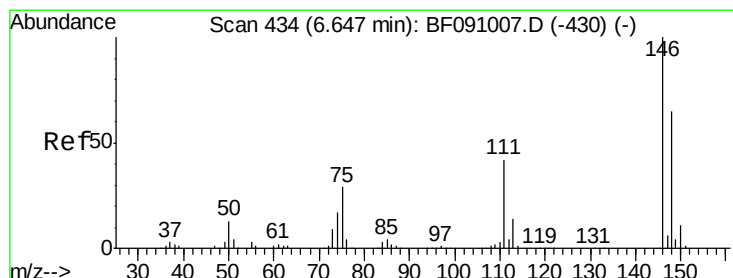
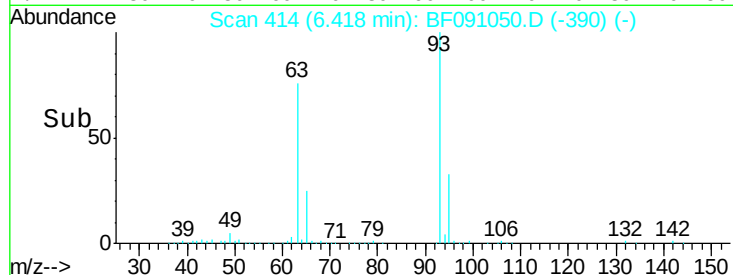
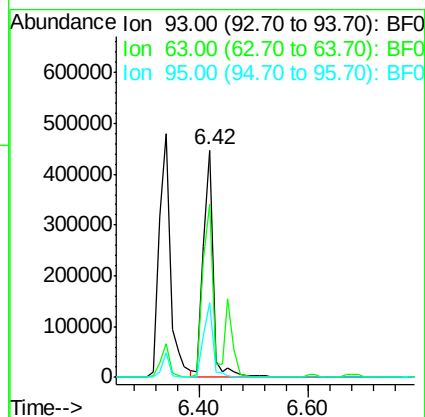
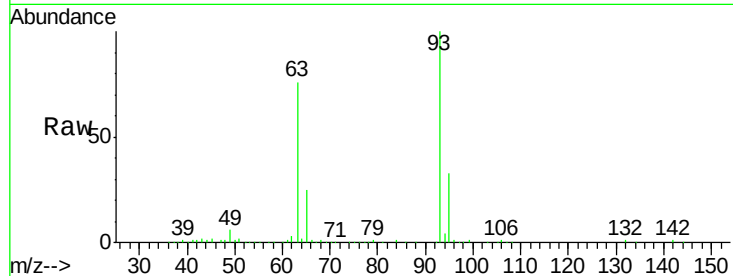
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	552287
Ion Ratio	Lower	Upper	
93	100		
63	76.1	68.9	108.9
95	32.9	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 41.98 ng

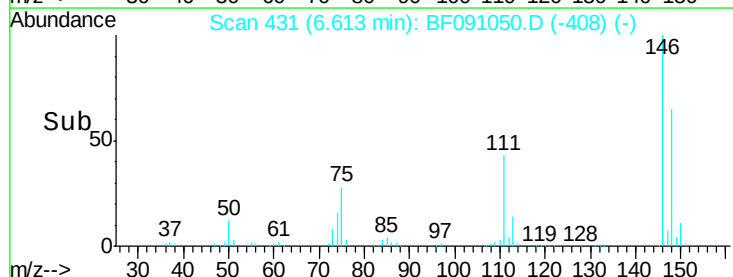
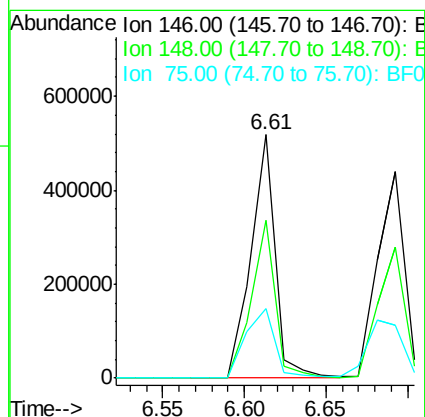
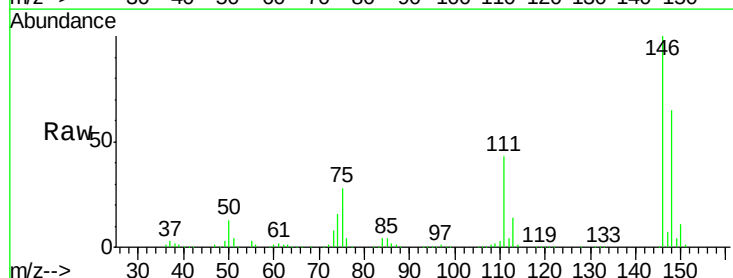
RT: 6.61 min Scan# 431

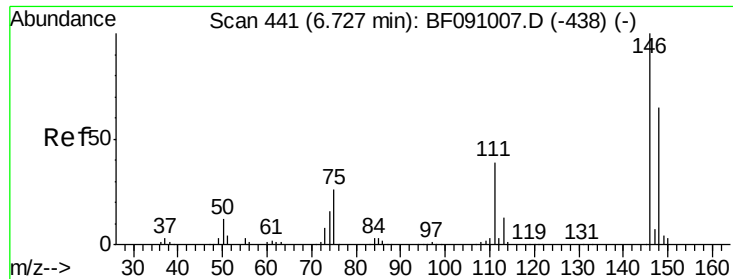
Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:	146	Resp:	534793
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.0	78.0
75	28.3	23.0	34.6





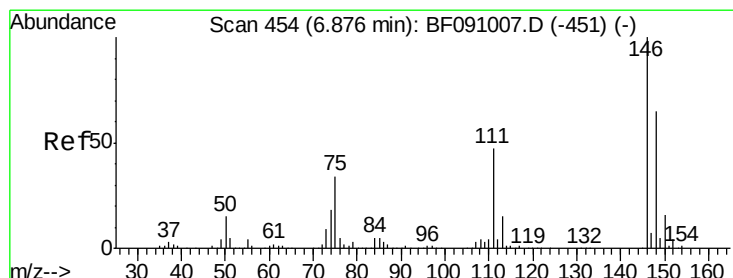
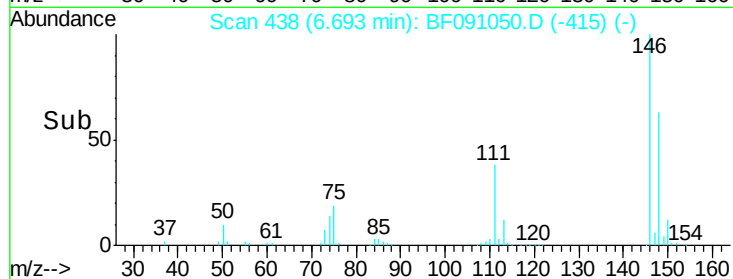
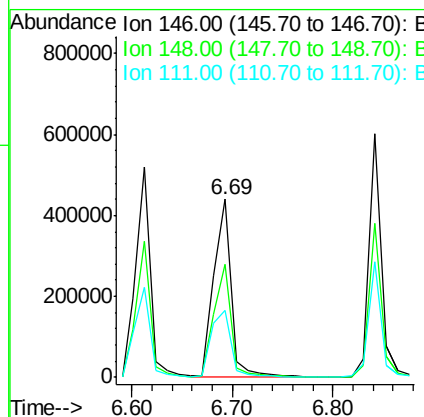
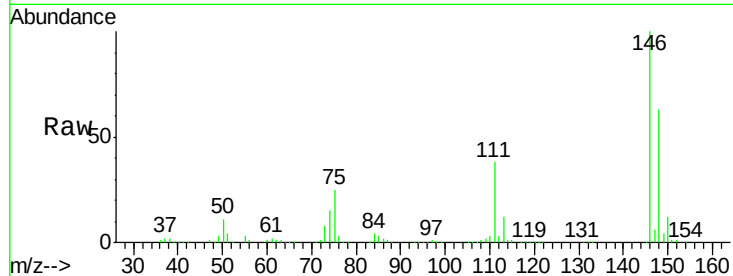
#13
1,4-Dichlorobenzene
Concen: 38.90 ng
RT: 6.69 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
111	37.5	31.6	47.4

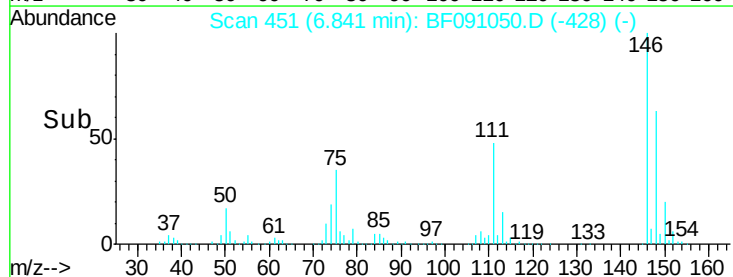
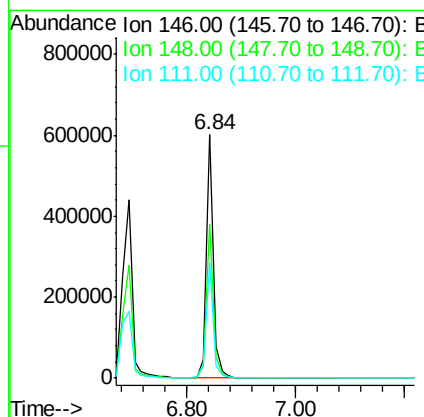
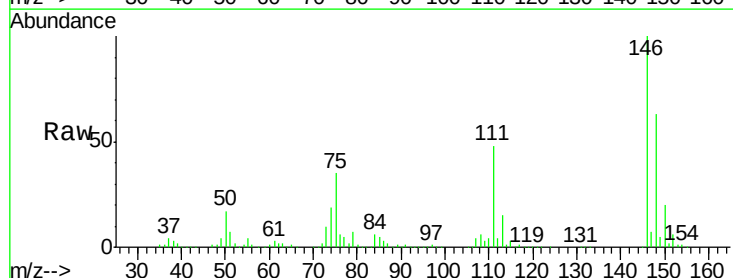
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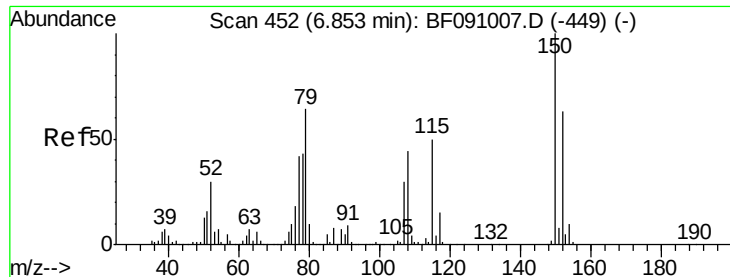
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#14
1,2-Dichlorobenzene
Concen: 41.65 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	47.5	37.3	55.9





#15

Benzyl Alcohol

Concen: 41.42 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 418746

Ion Ratio Lower Upper

79 100

108 83.4 55.7 83.5

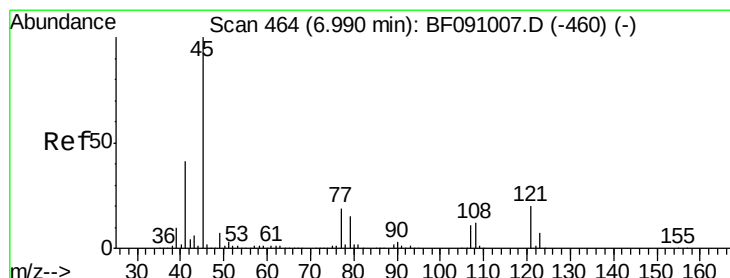
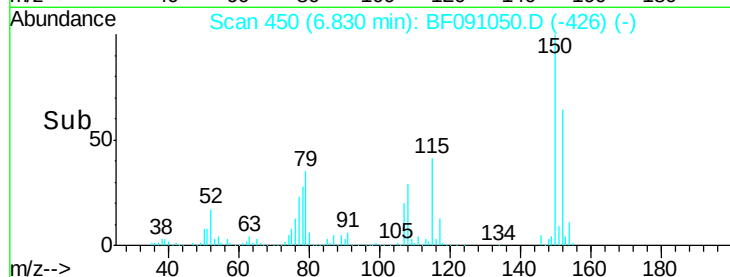
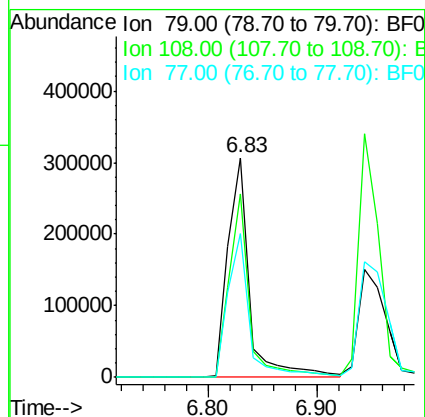
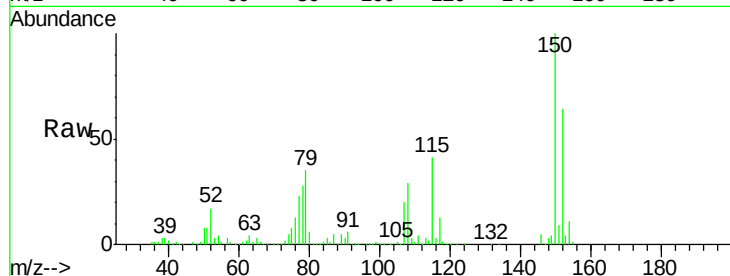
77 65.4 52.6 79.0

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.18 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

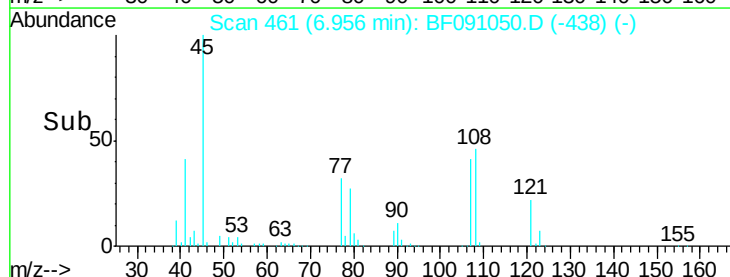
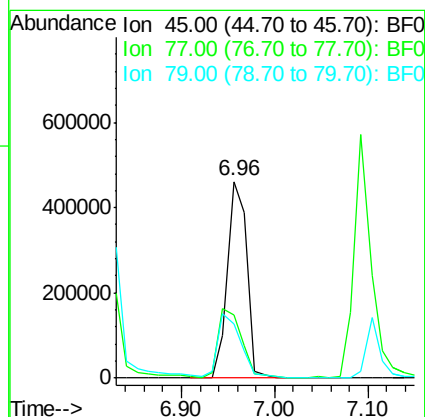
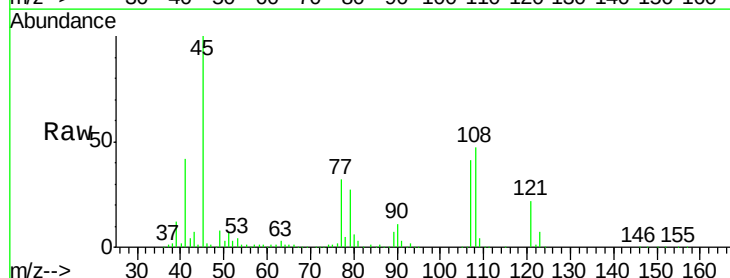
Tgt Ion: 45 Resp: 673223

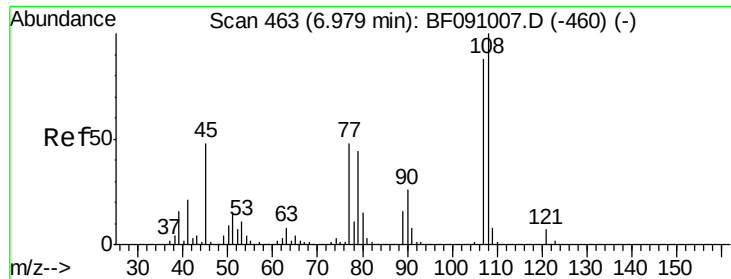
Ion Ratio Lower Upper

45 100

77 32.0 0.0 39.6

79 27.4 0.0 35.9





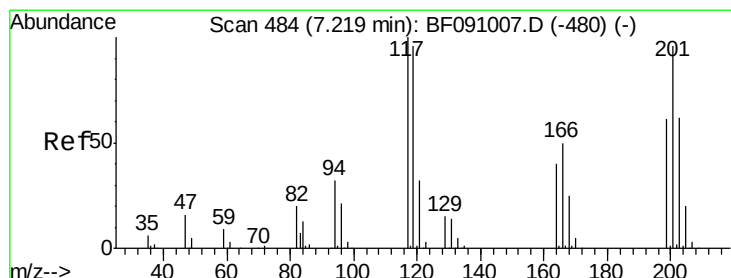
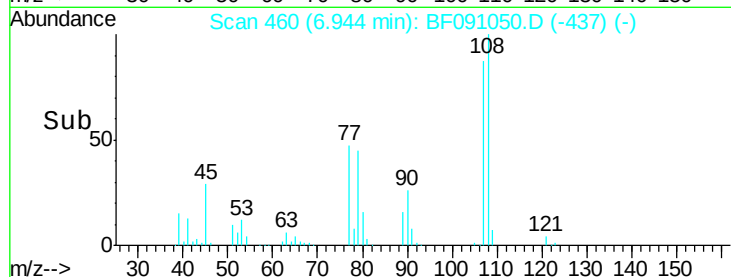
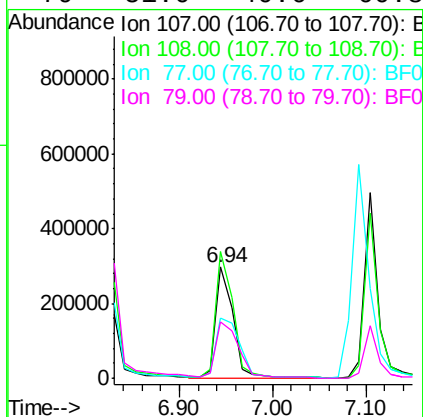
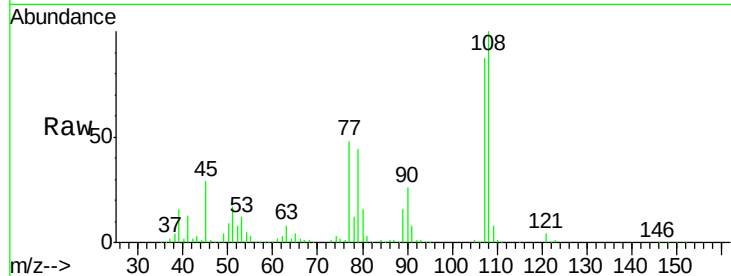
#17
2-Methylphenol
Concen: 38.12 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.0	136.6	
77	54.8	43.8	65.8	
79	51.0	40.6	60.8	

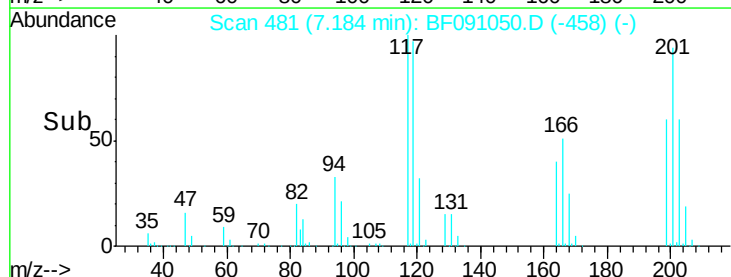
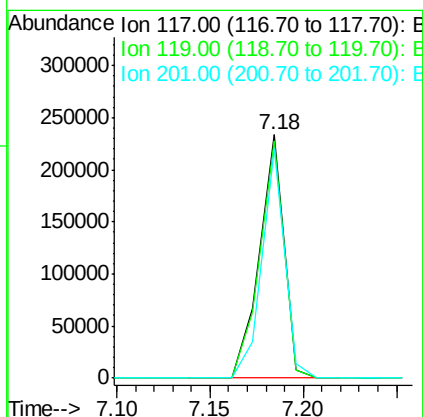
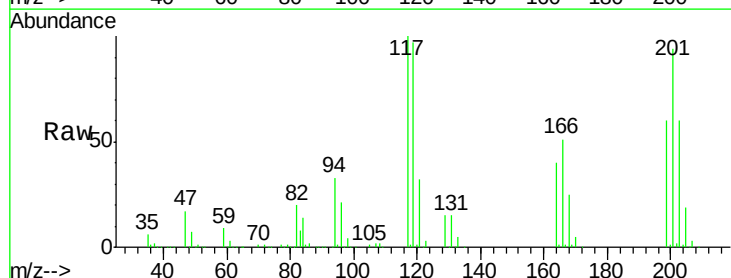
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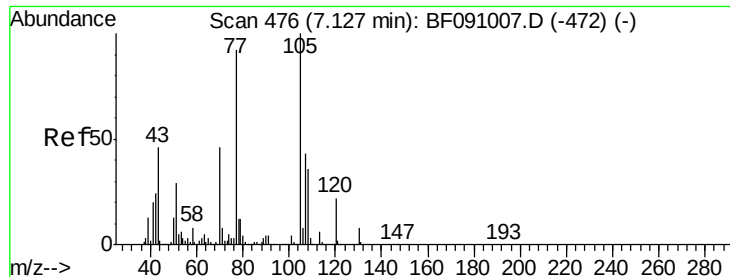
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#18
Hexachloroethane
Concen: 40.00 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	76.6	115.0	
201	94.2	77.1	115.7	





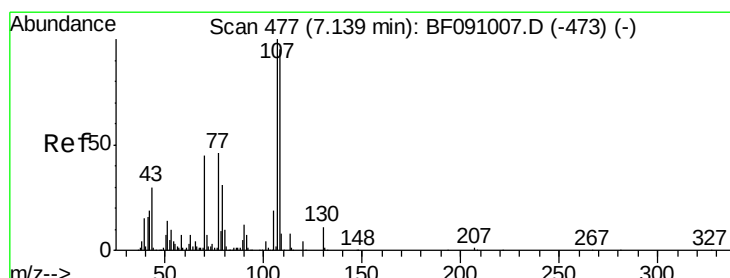
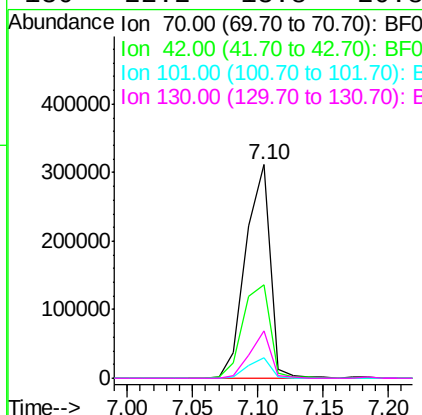
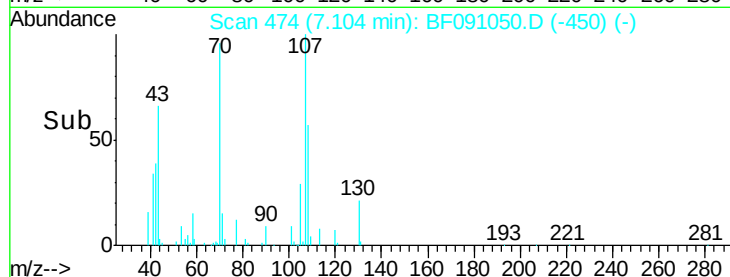
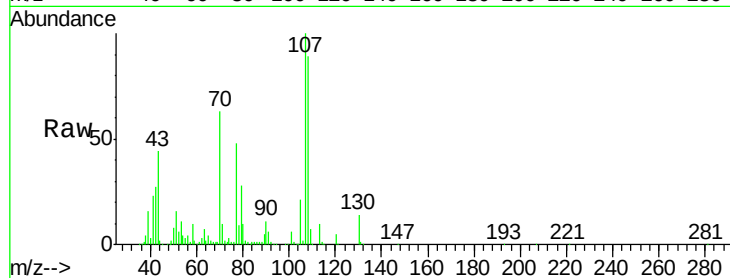
#19
n-Nitroso-di-n-propylamine
Concen: 40.96 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		406811		
42	43.5	41.7	62.5		
101	9.6	6.7	10.1		
130	22.2	13.8	20.8		

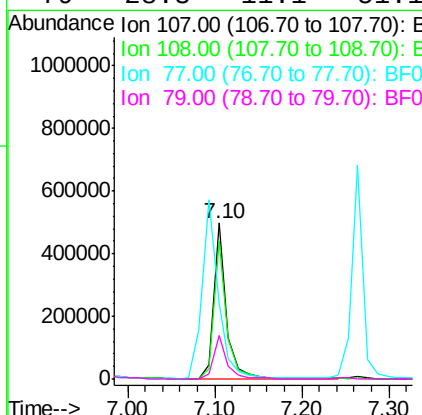
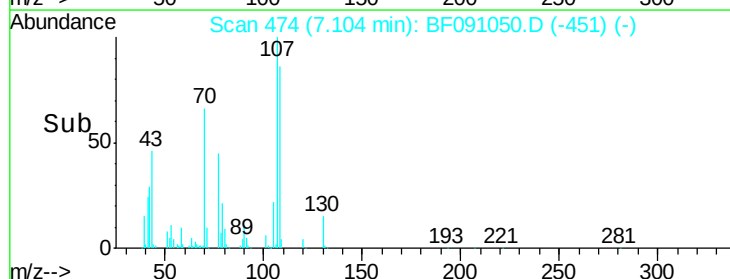
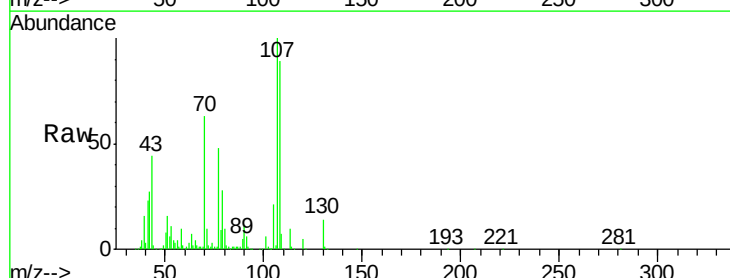
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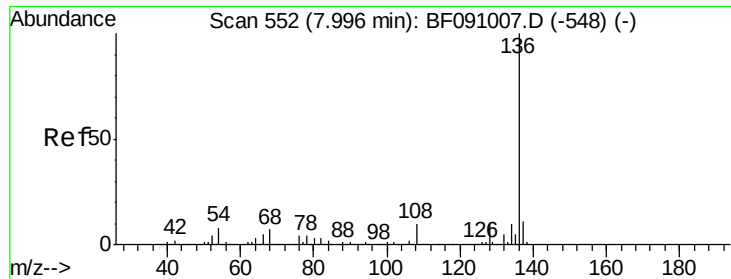
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#20
3+4-Methylphenols
Concen: 42.46 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		508340		
108	89.0	75.5	115.5		
77	48.2	26.4	66.4		
79	28.3	11.1	51.1		





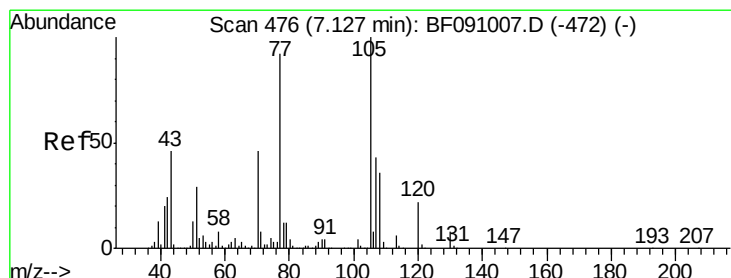
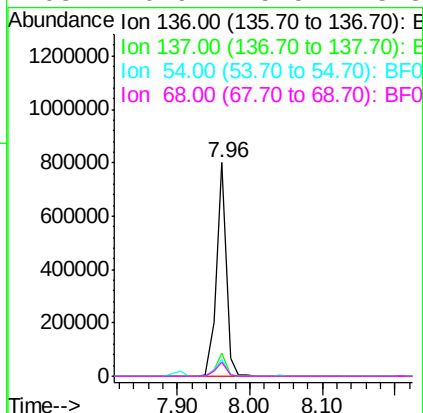
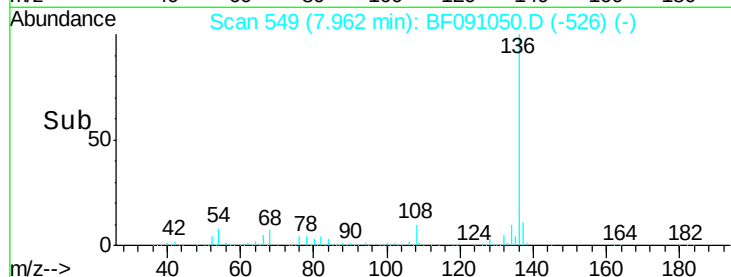
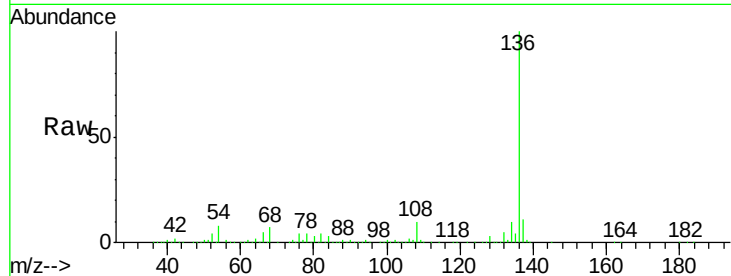
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	747844		
137	10.9		8.9	13.3
54	7.6		6.2	9.2
68	6.9		5.5	8.3

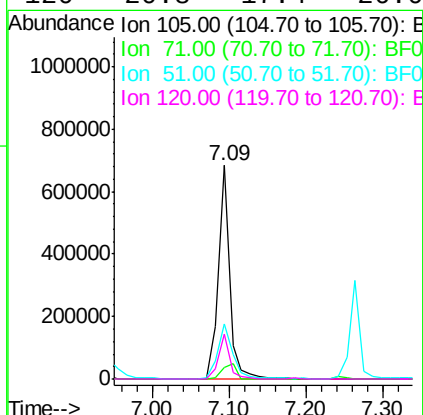
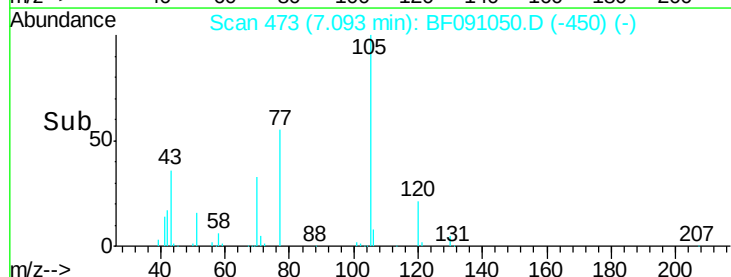
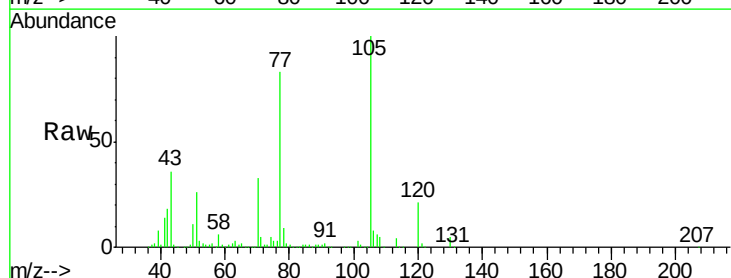
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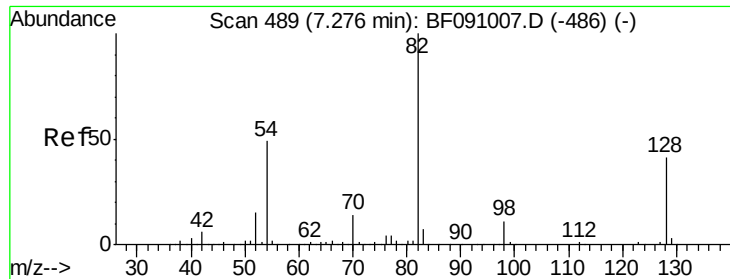
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#22
Acetophenone
Concen: 41.26 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	710448		
71	5.4		6.2	9.2#
51	26.1		23.3	34.9
120	20.8		17.4	26.0





#23

Nitrobenzene-d5

Concen: 79.96 ng

RT: 7.24 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1096167

Ion Ratio Lower Upper

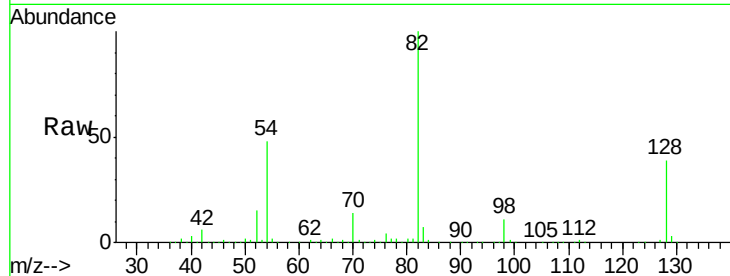
82 100

128 38.9 32.4 48.6

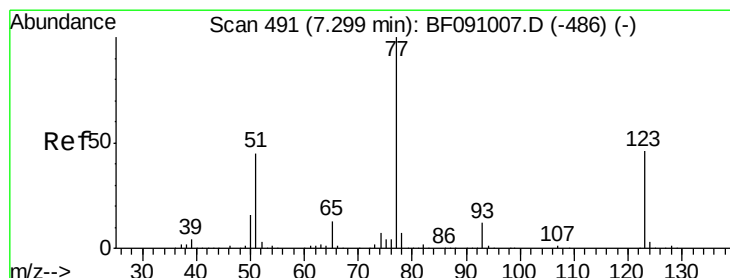
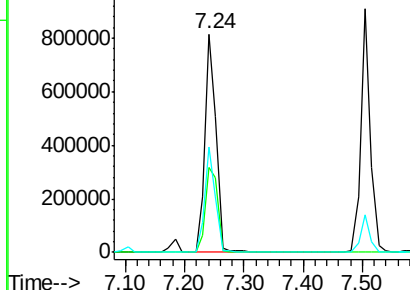
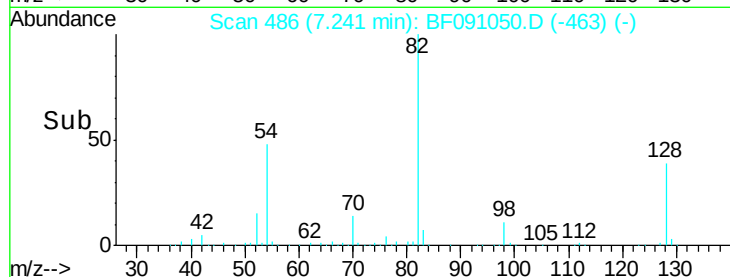
54 48.3 39.2 58.8

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.14 ng

RT: 7.26 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

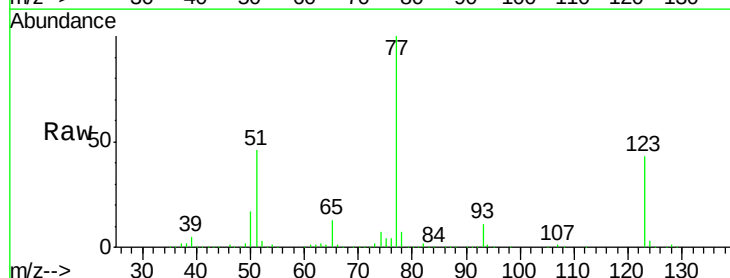
Tgt Ion: 77 Resp: 638020

Ion Ratio Lower Upper

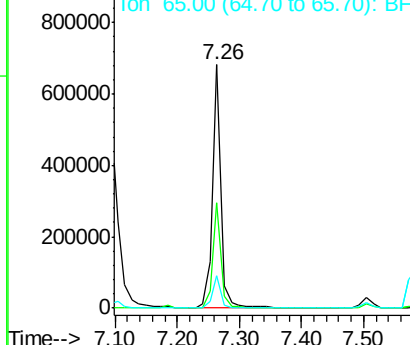
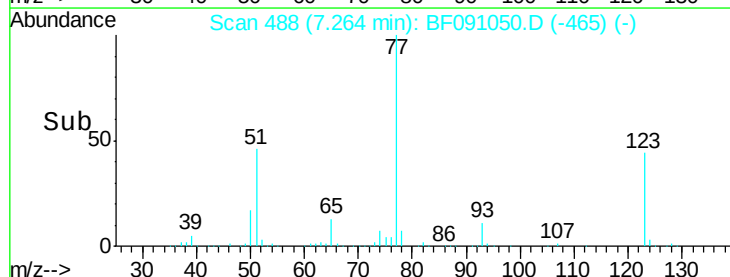
77 100

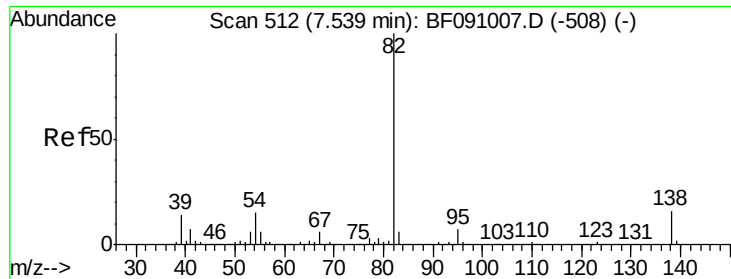
123 43.4 36.5 54.7

65 13.5 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.12 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

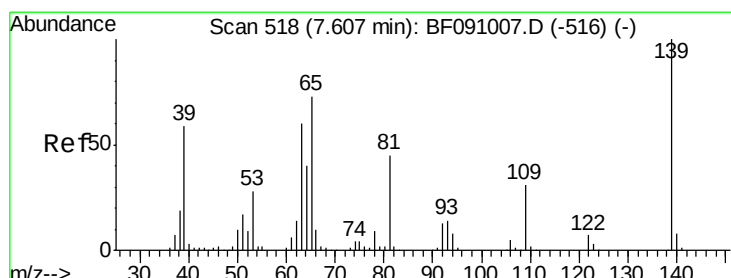
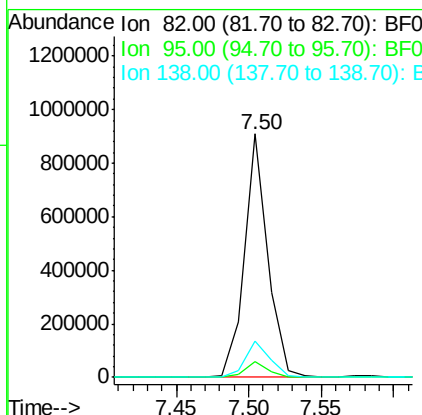
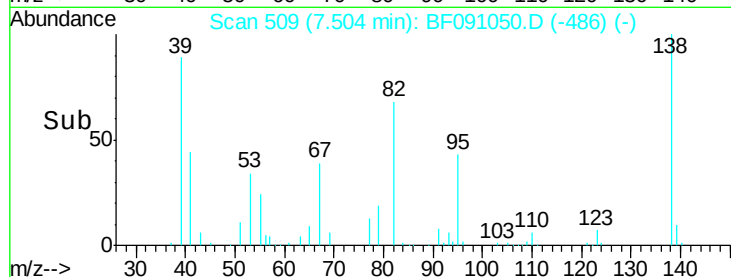
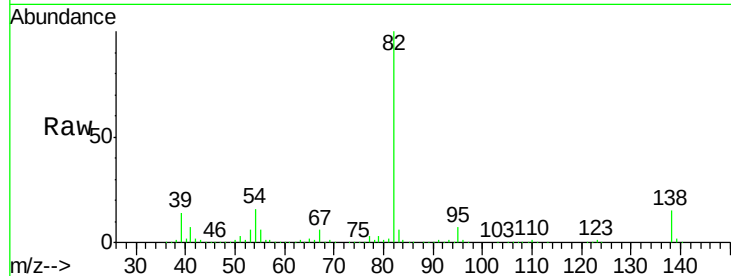
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1006871
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.4	8.0
138	15.2	13.0	19.4

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#26

2-Nitrophenol

Concen: 44.13 ng

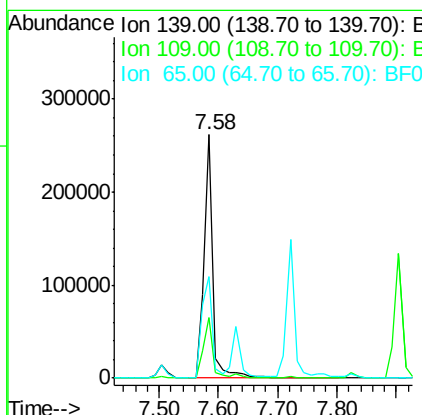
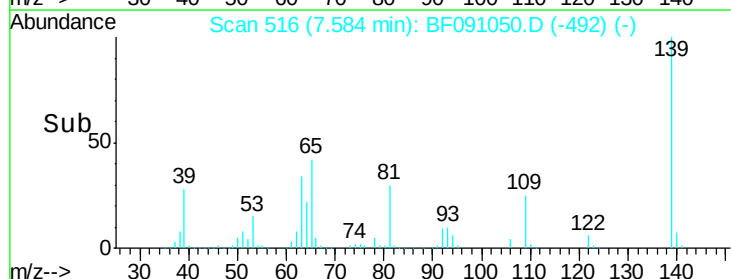
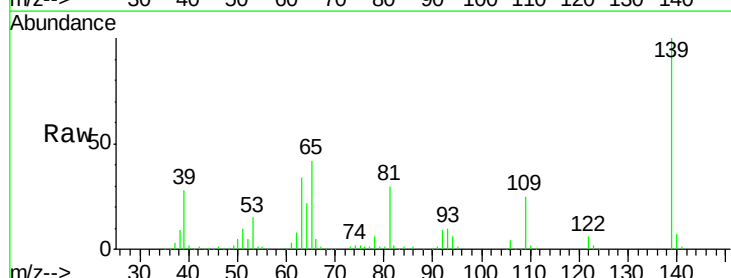
RT: 7.58 min Scan# 516

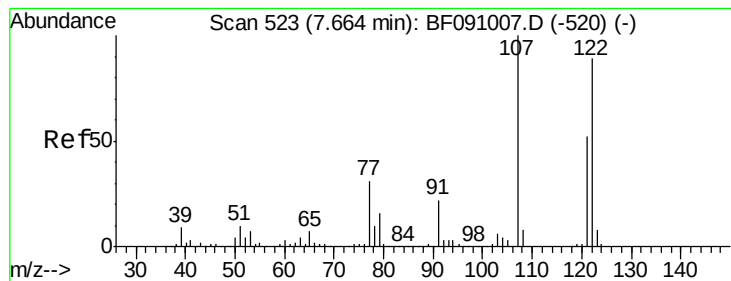
Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:	139	Resp:	282755
Ion	Ratio	Lower	Upper
139	100		
109	25.0	24.7	37.1
65	42.0	58.3	87.5#





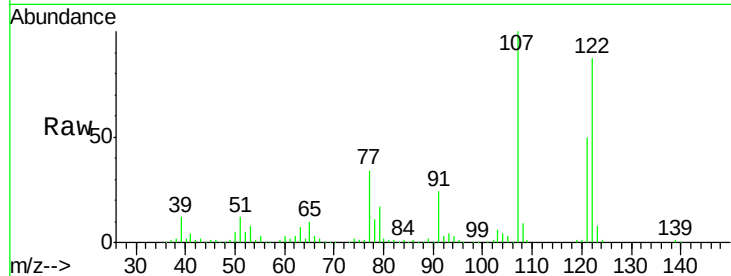
#27
2,4-Dimethylphenol
Concen: 40.81 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

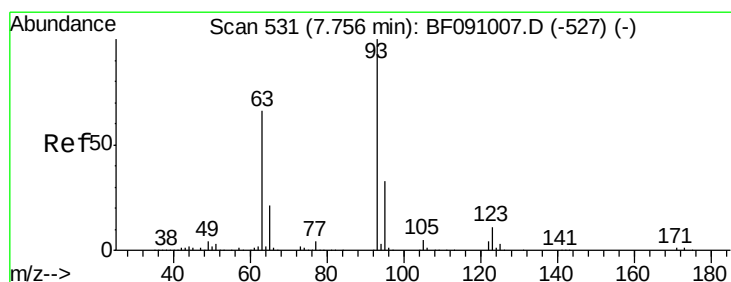
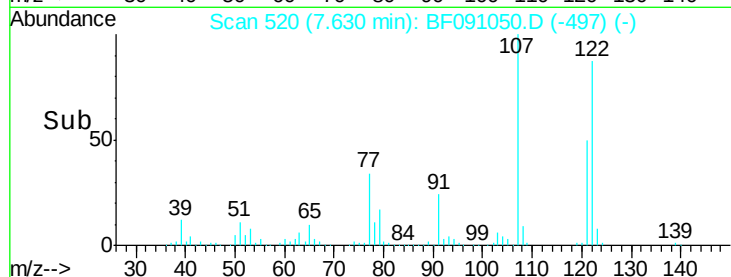
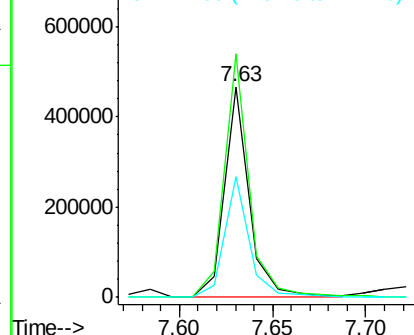
Tot Ion	Ratio	Resp	Lower	Upper
122	100	432432		
107	115.5	89.6	134.4	
121	57.2	46.3	69.5	

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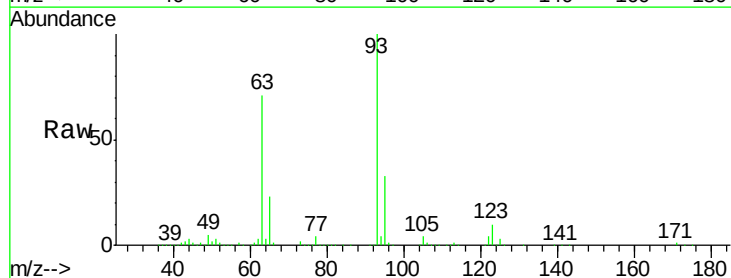


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

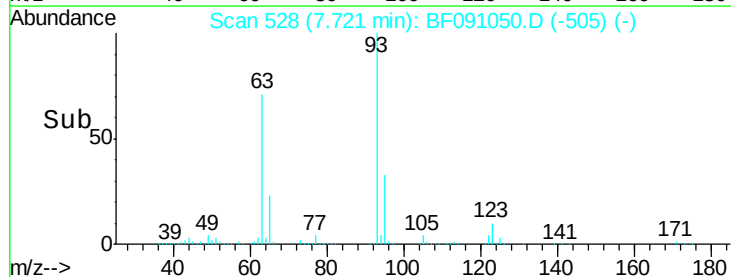
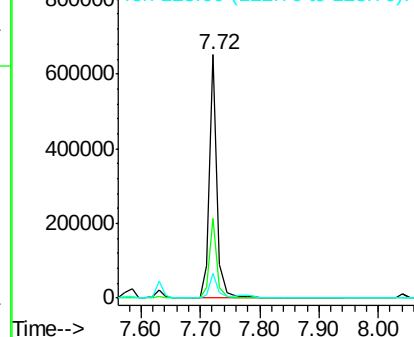


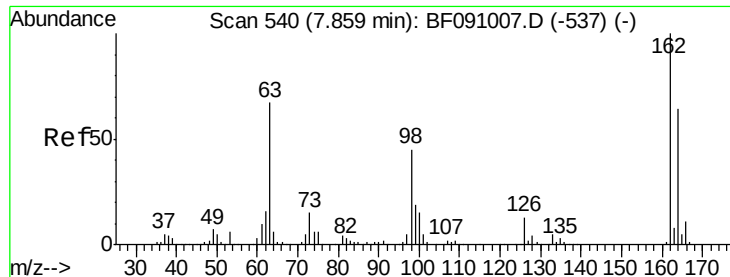
#28
bis(2-Chloroethoxy)methane
Concen: 41.29 ng
RT: 7.72 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	595822		
95	33.0	26.3	39.5	
123	10.4	8.7	13.1	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





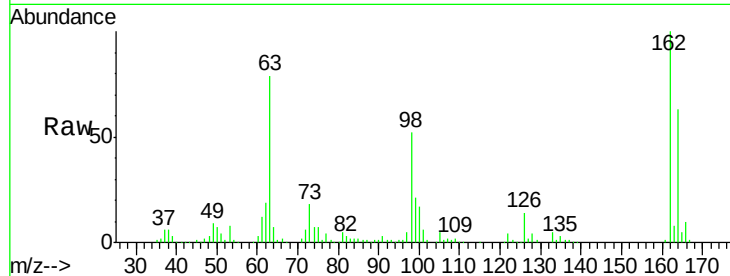
#29
2,4-Dichlorophenol
Concen: 40.24 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

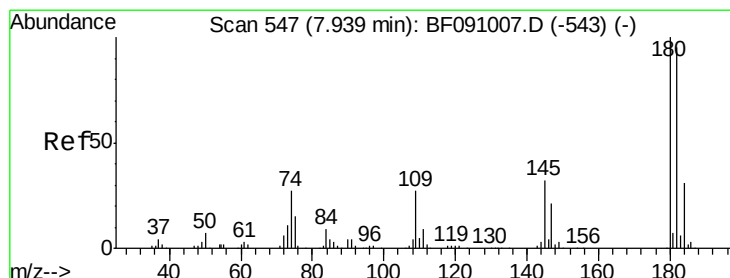
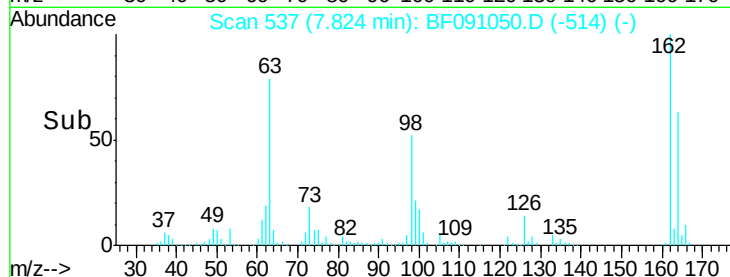
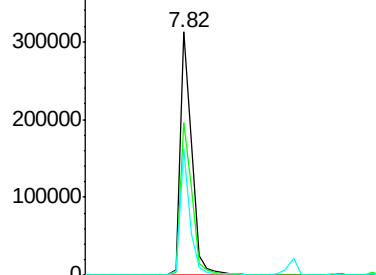
Tot Ion	Ratio	Resp	Lower	Upper
162	100	372127		
164	62.7	44.4	84.4	
98	51.9	25.2	65.2	

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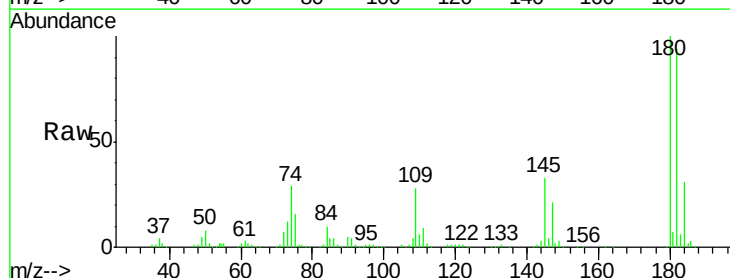


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

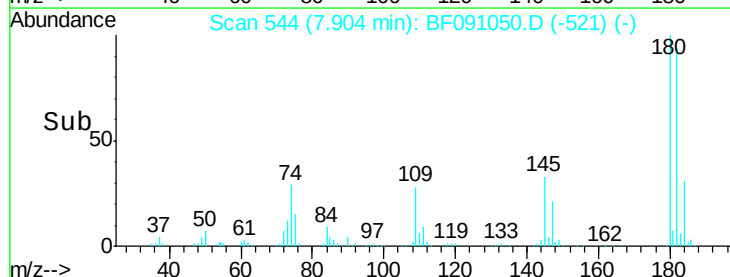
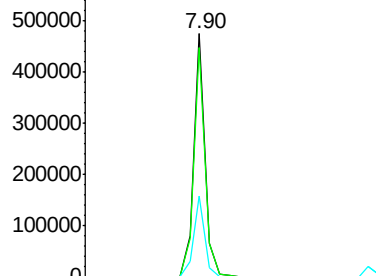


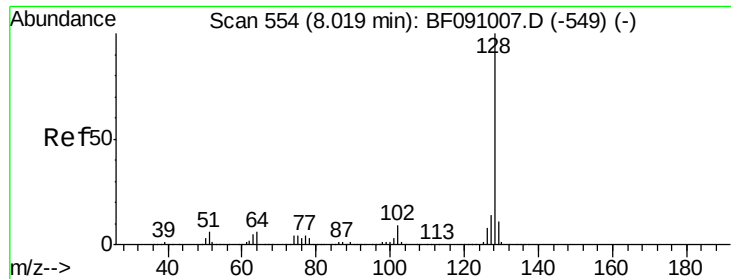
#30
1,2,4-Trichlorobenzene
Concen: 41.76 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	434280		
182	94.2	76.0	114.0	
145	33.4	25.8	38.8	



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





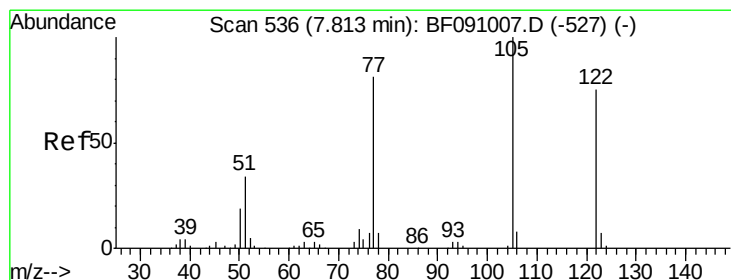
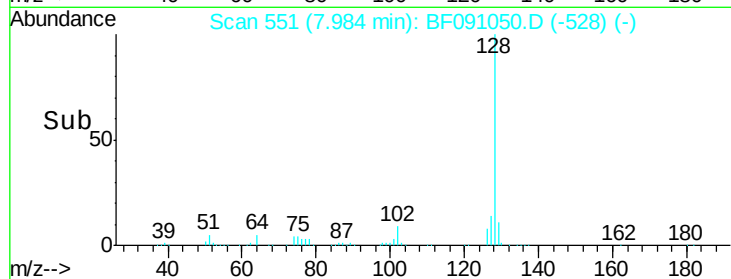
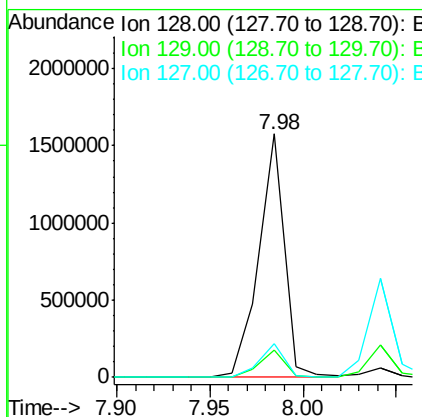
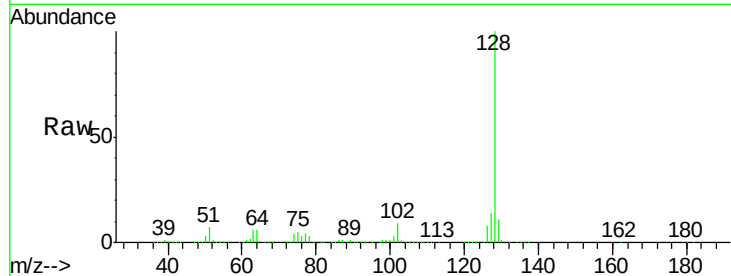
#31
Naphthalene
Concen: 41.76 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1493673
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.8 10.9 16.3

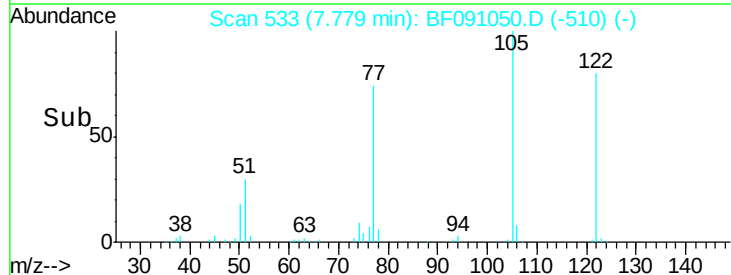
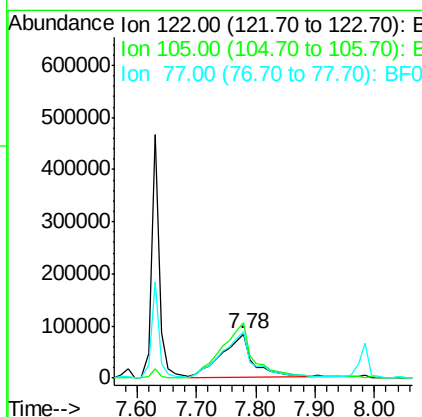
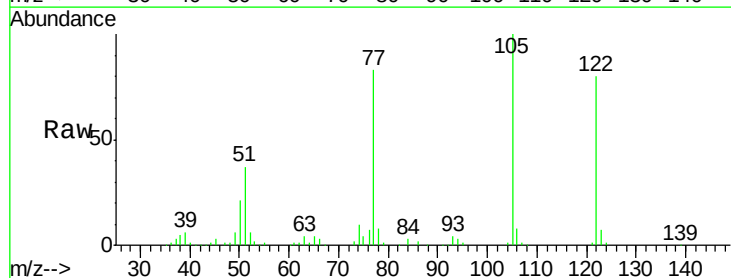
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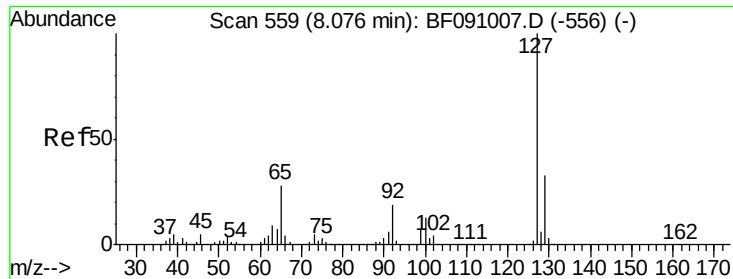
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#32
Benzoic acid
Concen: 38.84 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:122 Resp: 312134
Ion Ratio Lower Upper
122 100
105 125.6 105.9 145.9
77 104.2 84.0 124.0





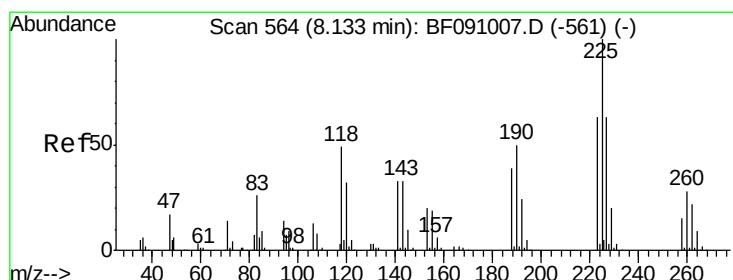
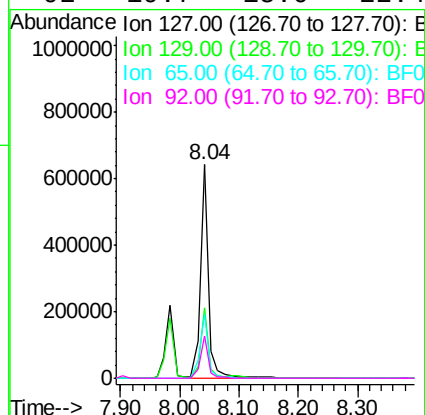
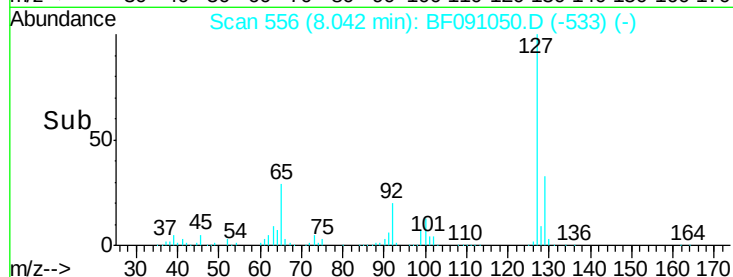
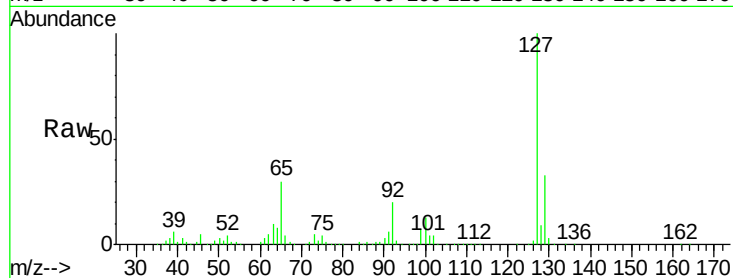
#33
4-Chloroaniline
Concen: 41.74 ng
RT: 8.04 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	30.2	22.2	33.2
92	19.7	15.0	22.4

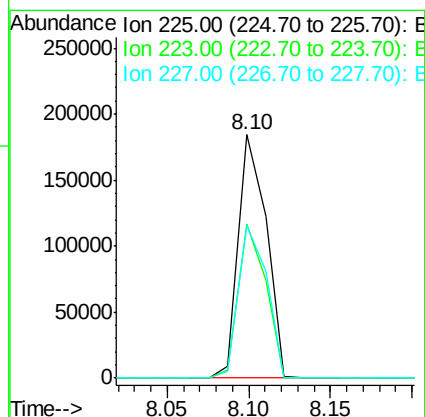
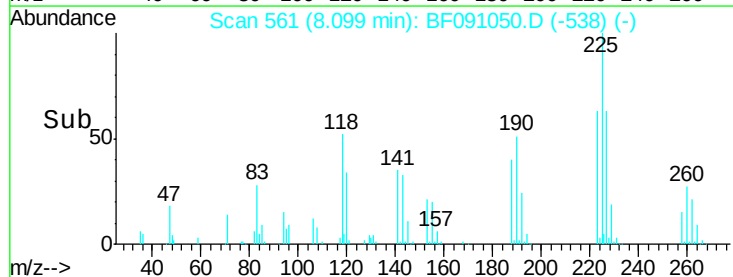
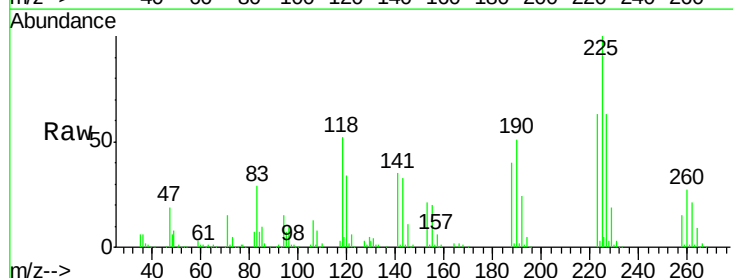
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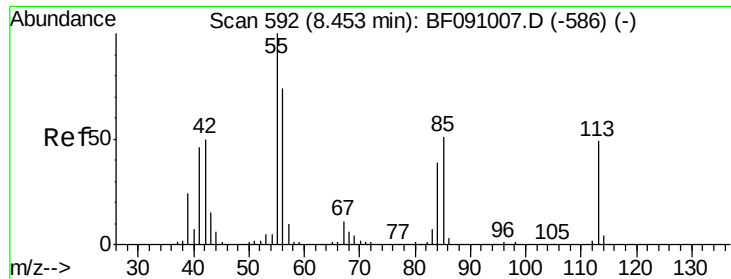
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#34
Hexachlorobutadiene
Concen: 38.68 ng
RT: 8.10 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	62.6	50.1	75.1





#35

Caprolactam

Concen: 45.28 ng

RT: 8.43 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

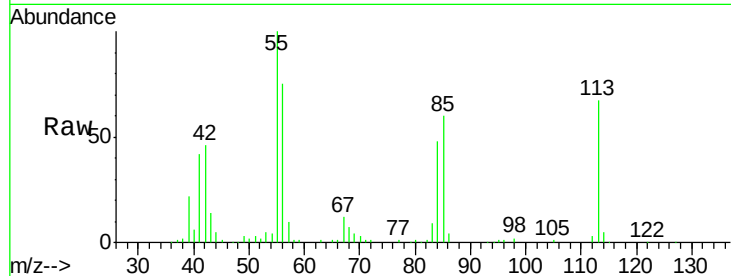
ClientSampled :

SSTDCCC040

Tot Ion:	113	Resp:	131565
Ion Ratio	Lower	Upper	
113	100		
55	148.5	184.1	224.1#
56	111.5	132.0	172.0#

Manual Integrations
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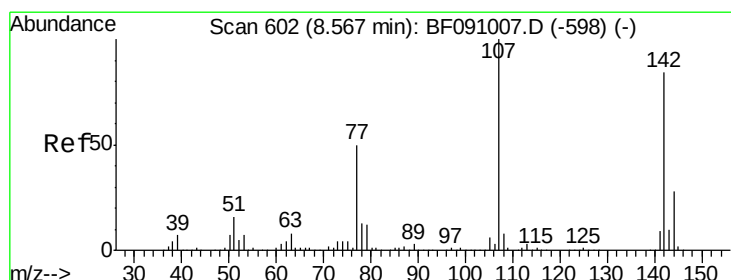
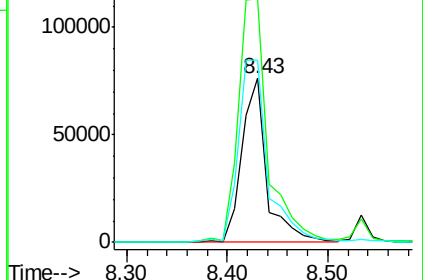
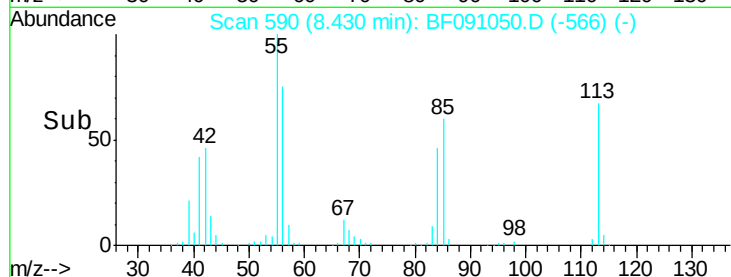
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.20 ng

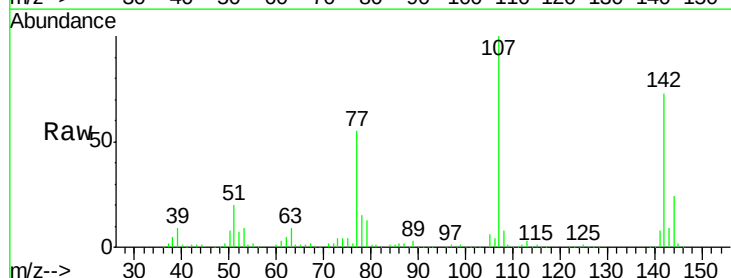
RT: 8.53 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

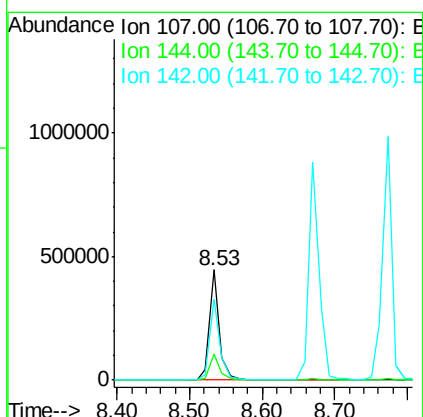
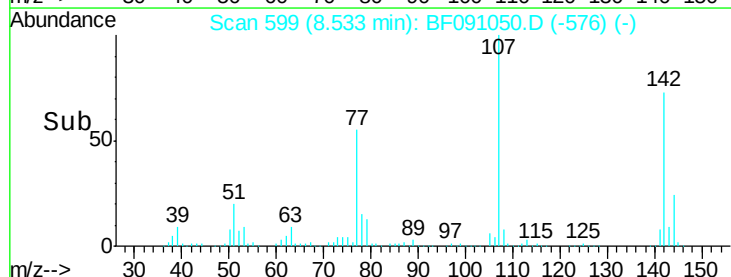
Tgt Ion:	107	Resp:	427662
Ion Ratio	Lower	Upper	
107	100		
144	23.9	22.5	33.7
142	73.3	67.4	101.2

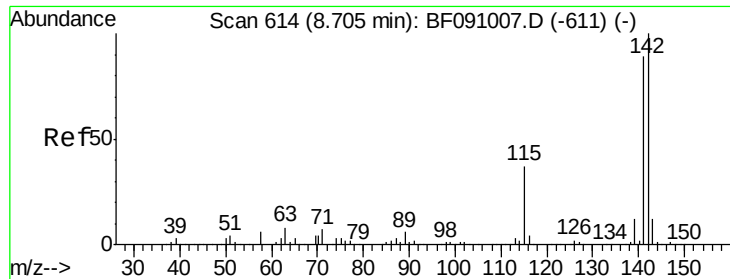


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





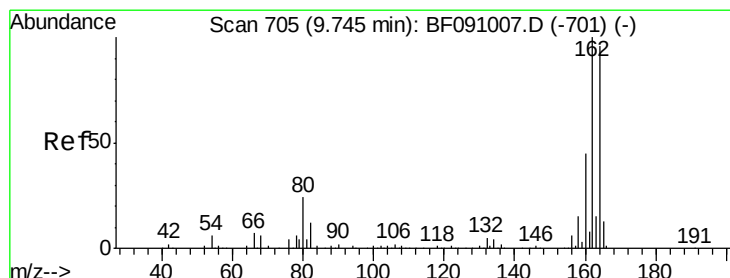
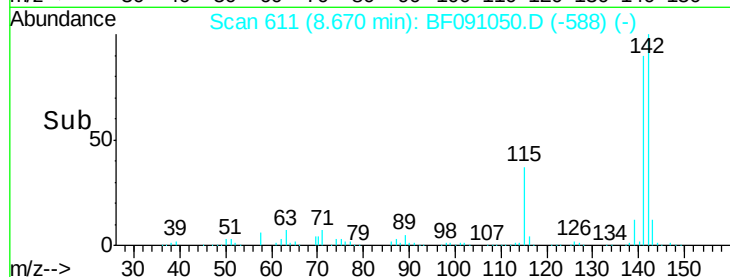
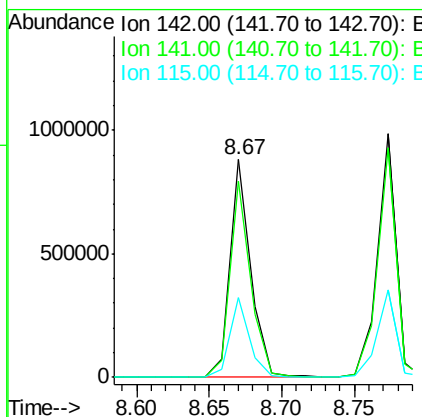
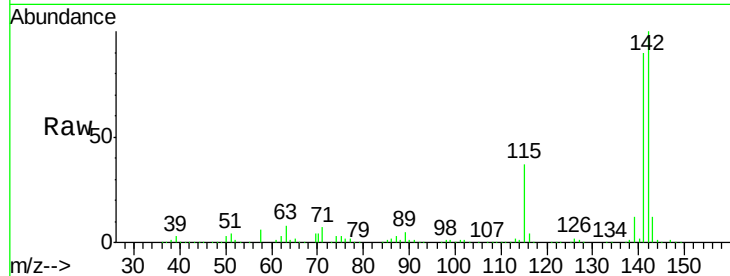
#37
2-Methylnaphthalene
Concen: 38.06 ng
RT: 8.67 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	36.8	29.9	44.9

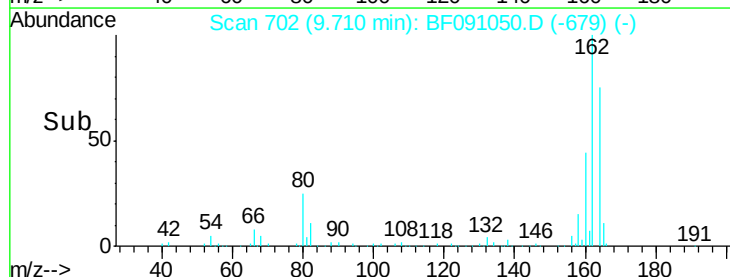
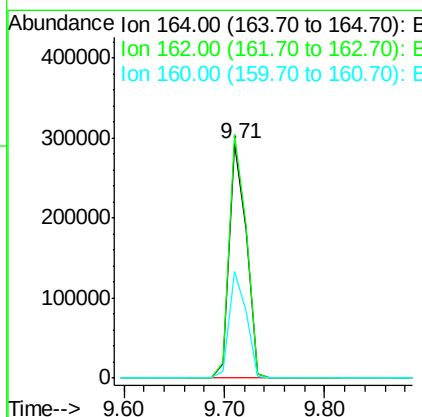
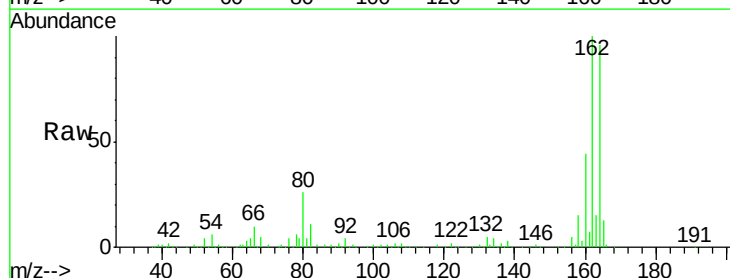
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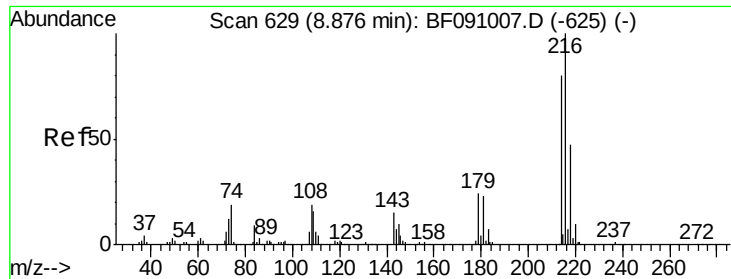
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.6	125.4
160	45.5	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.00 ng

RT: 8.84 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

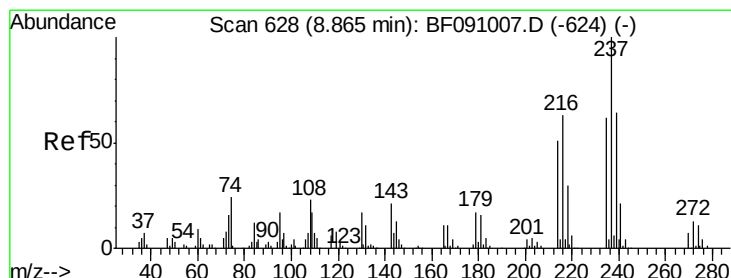
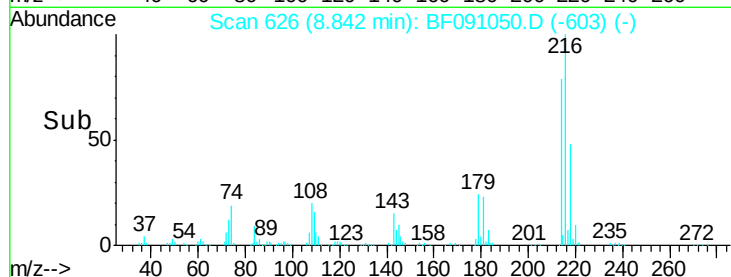
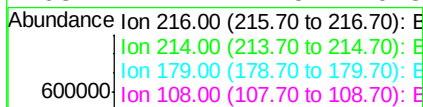
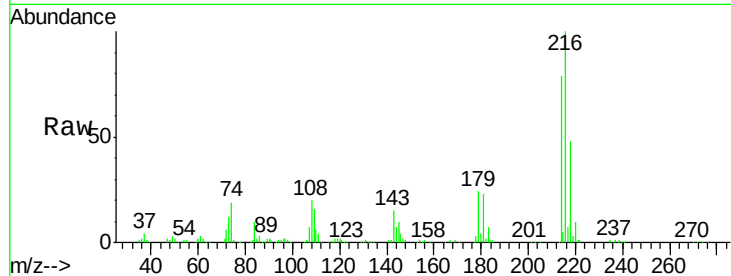
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		407547		
214	78.8		63.5	95.3	
179	22.9		19.1	28.7	
108	21.1		17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 40.56 ng

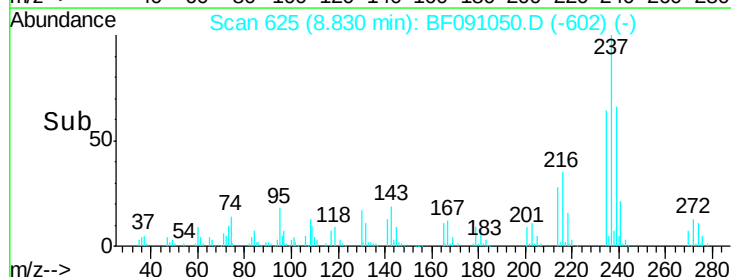
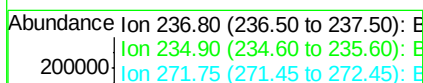
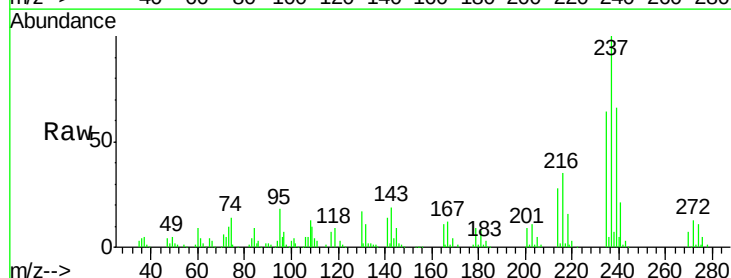
RT: 8.83 min Scan# 625

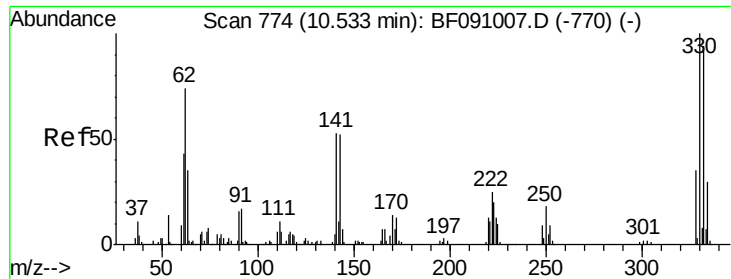
Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		126641		
235	63.8		42.1	82.1	
272	12.9		0.0	33.1	





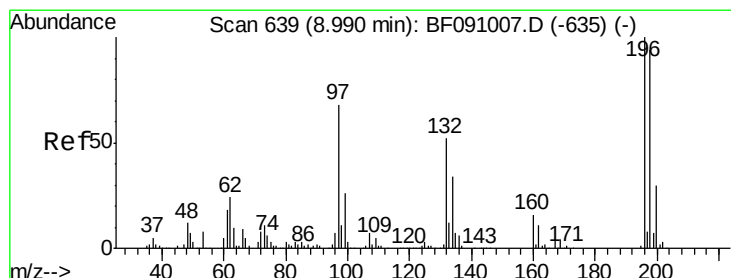
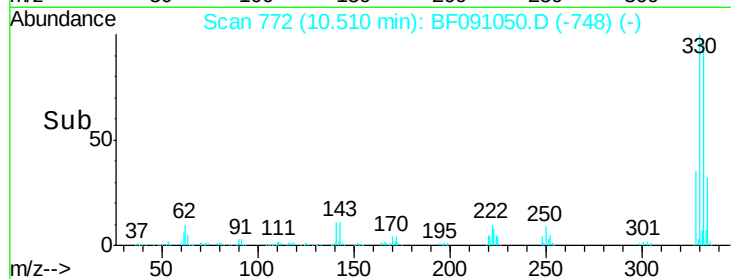
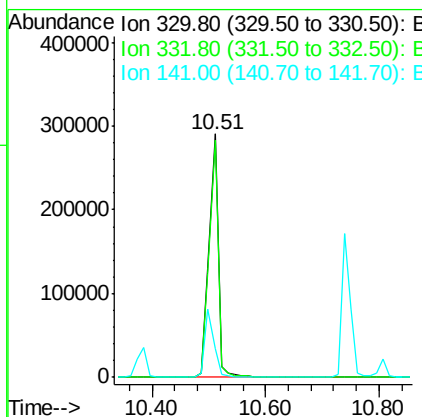
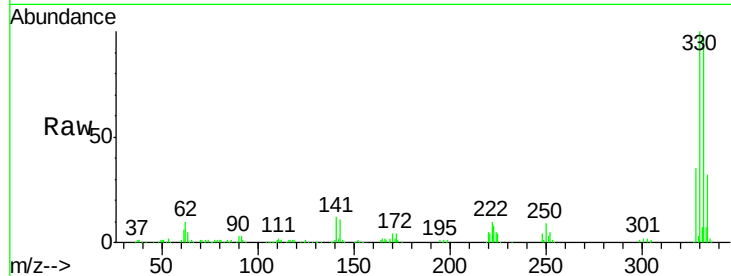
#41
 2,4,6-Tribromophenol
 Concen: 99.67 ng
 RT: 10.51 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	75.9	113.9	
141	28.2	36.1	54.1#	

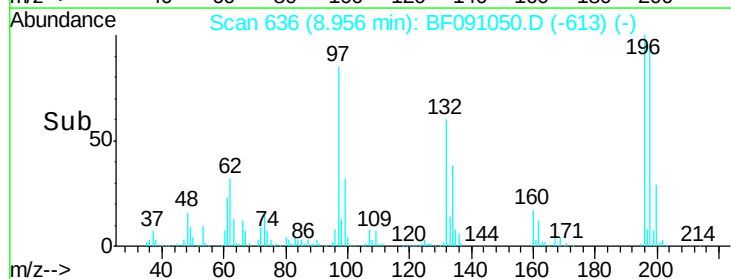
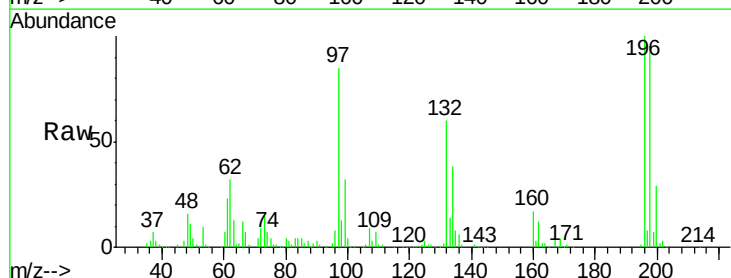
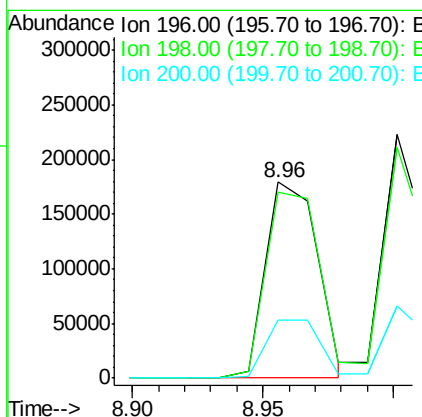
Manual Integrations
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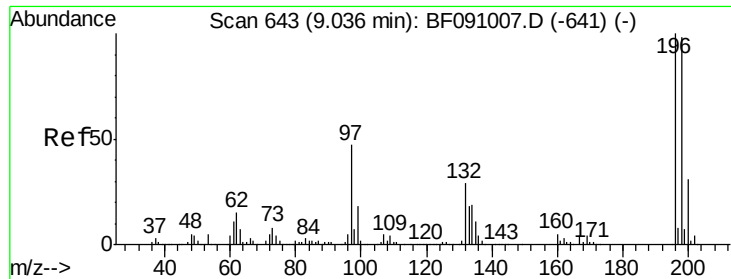
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#42
 2,4,6-Trichlorophenol
 Concen: 43.48 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	75.4	113.0	
200	29.5	24.1	36.1	





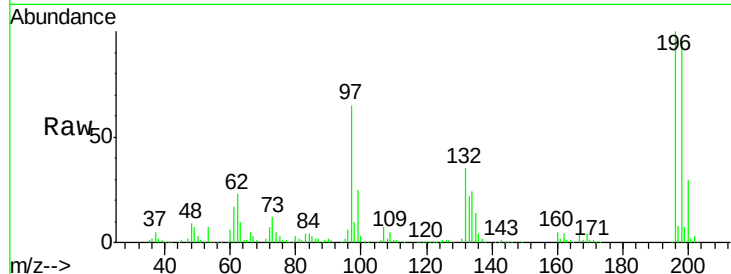
#43
2,4,5-Trichlorophenol
Concen: 45.00 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

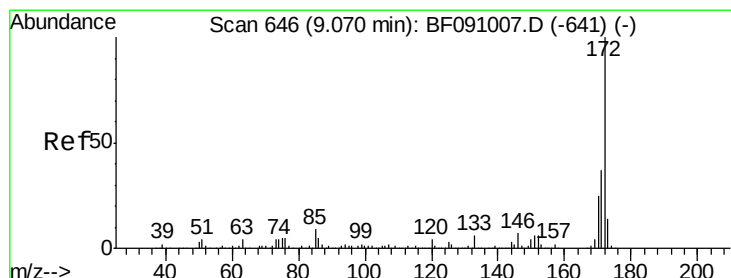
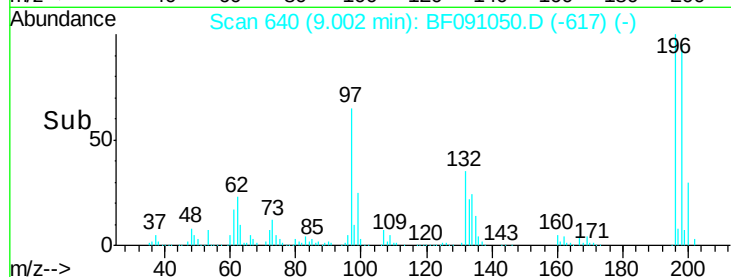
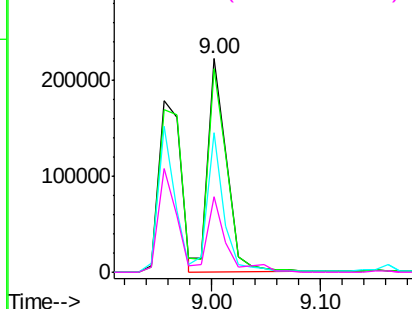
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		270171		
198	95.1	78.2	117.4		
97	65.1	38.8	58.2		
132	35.1	23.5	35.3		

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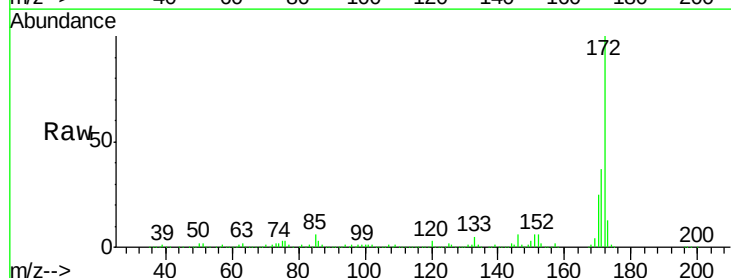


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

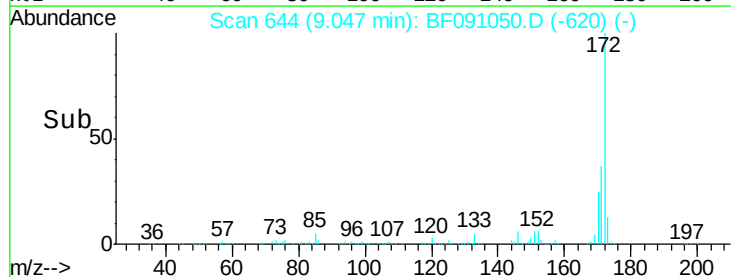
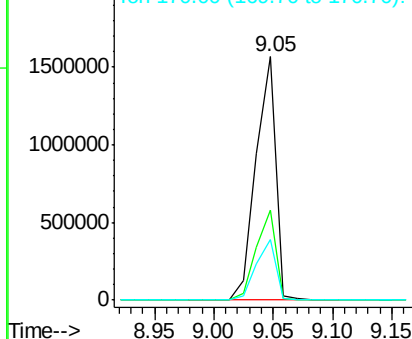


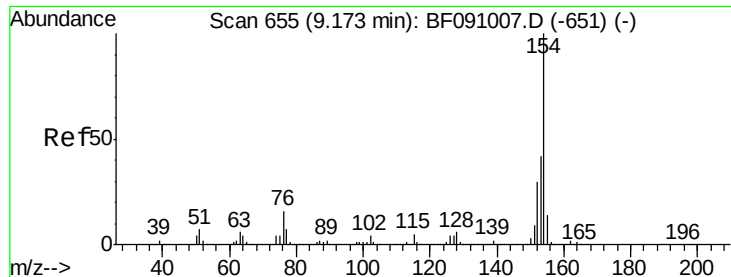
#44
2-Fluorobiphenyl
Concen: 91.62 ng
RT: 9.05 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1849083		
171	36.9	29.8	44.6		
170	25.0	20.3	30.5		



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





#45

1,1'-Biphenyl

Concen: 41.49 ng

RT: 9.14 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1052542

Ion Ratio Lower Upper

154 100

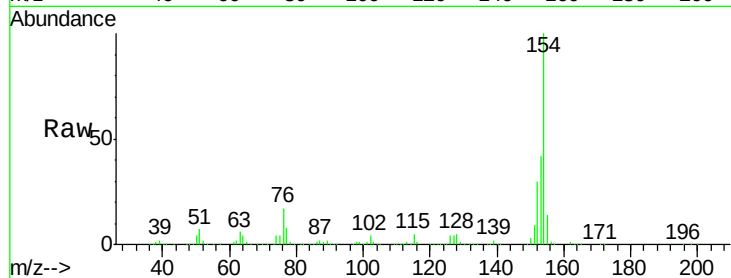
153 41.9 21.6 61.6

76 16.7 0.0 36.2

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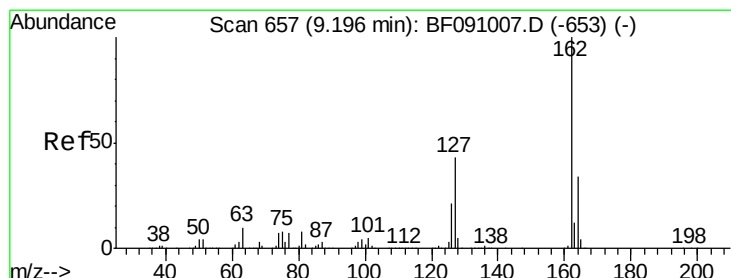
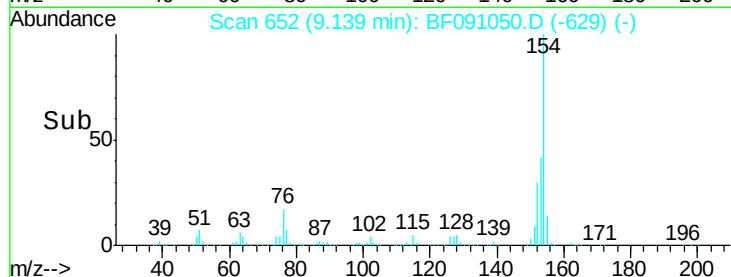
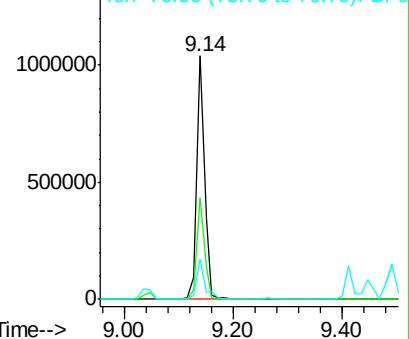
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.17 ng

RT: 9.16 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

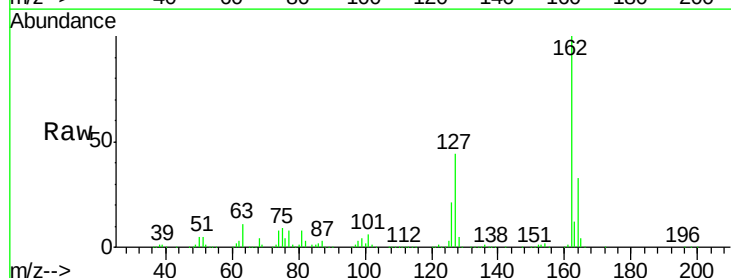
Tgt Ion:162 Resp: 812382

Ion Ratio Lower Upper

162 100

127 44.3 34.7 52.1

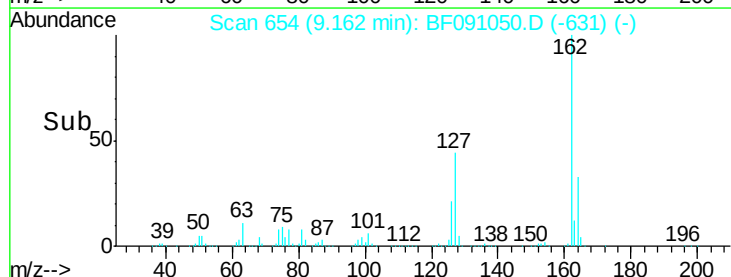
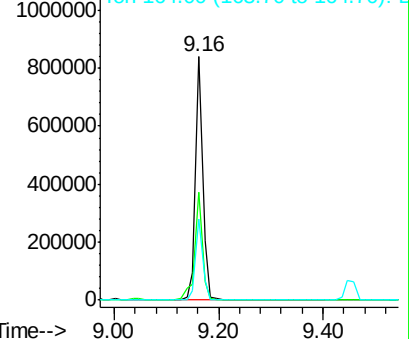
164 33.5 27.0 40.4

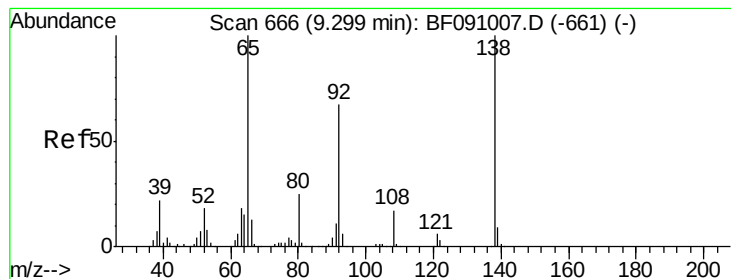


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





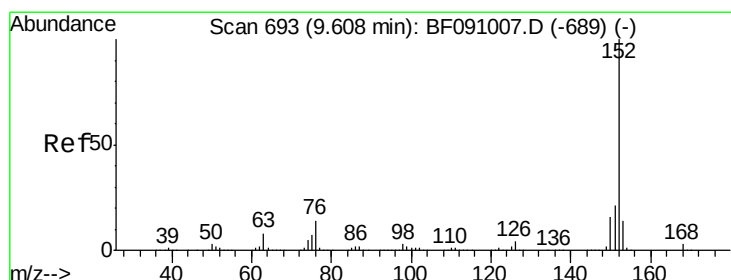
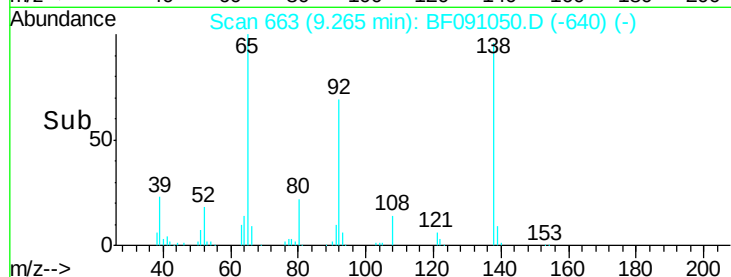
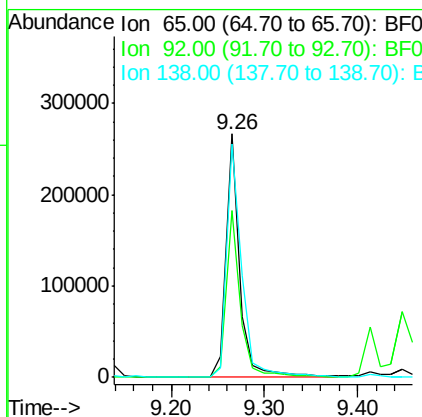
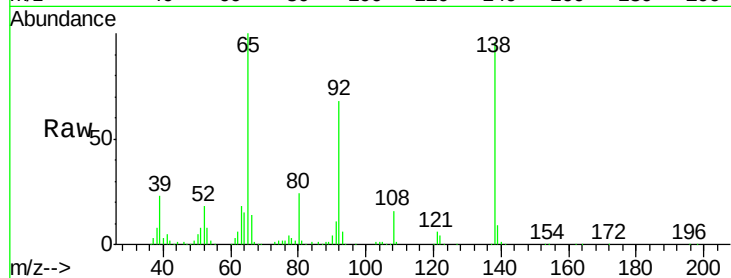
#47
2-Nitroaniline
Concen: 38.11 ng
RT: 9.26 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.9	80.9
138	95.6	80.1	120.1

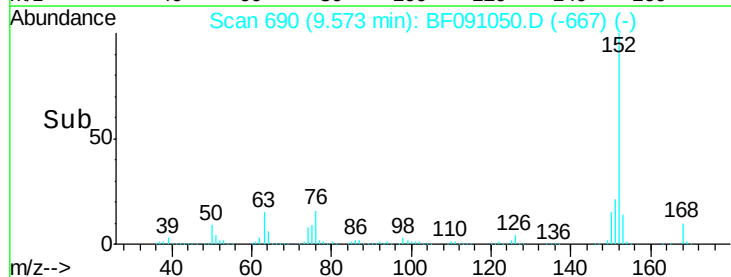
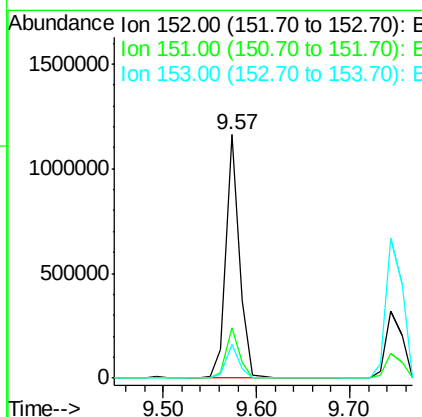
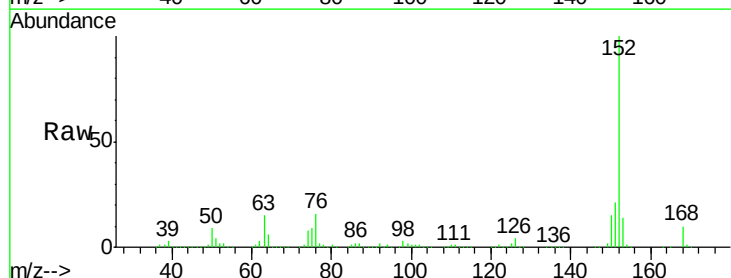
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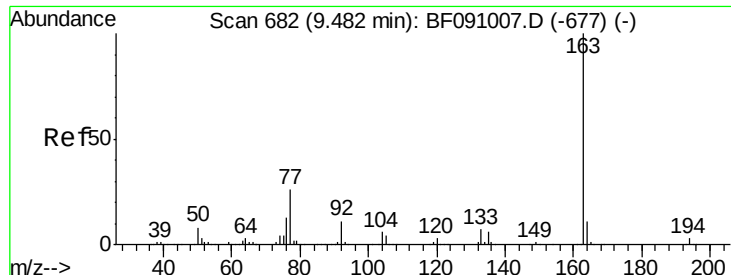
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#48
Acenaphthylene
Concen: 38.90 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.1	11.1	16.7





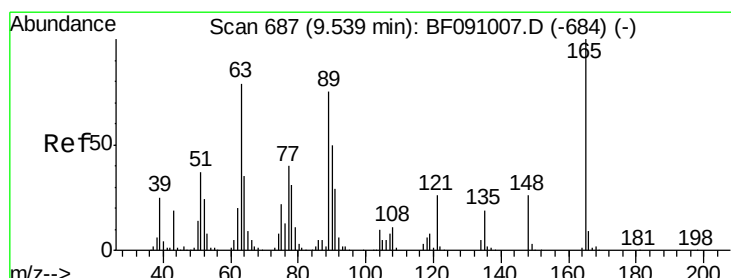
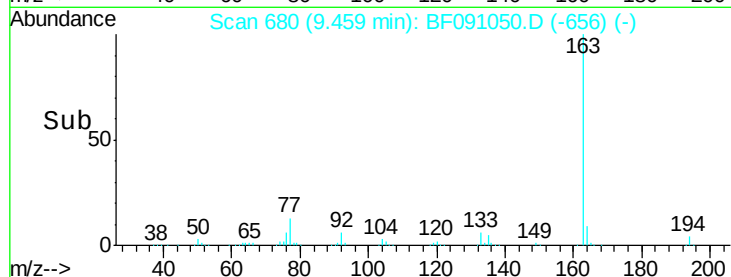
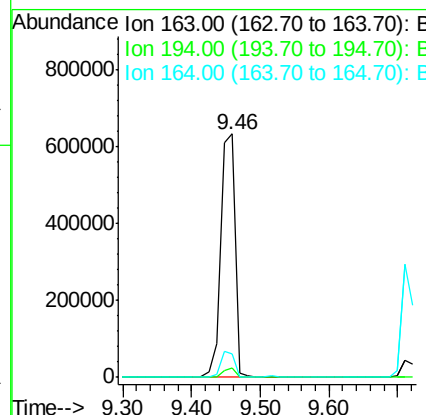
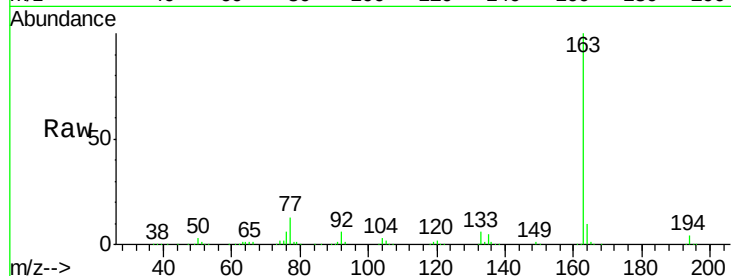
#49
Dimethylphthalate
Concen: 41.23 ng
RT: 9.46 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	939342		
194	3.9	2.6	4.0	
164	9.7	8.7	13.1	

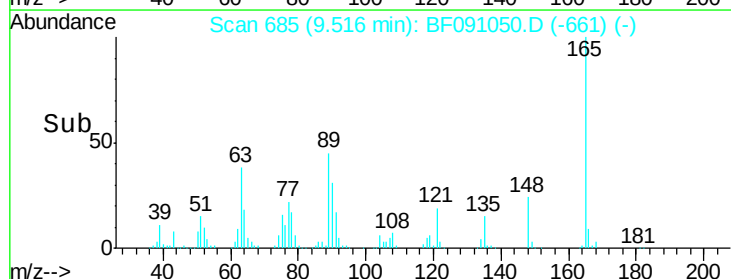
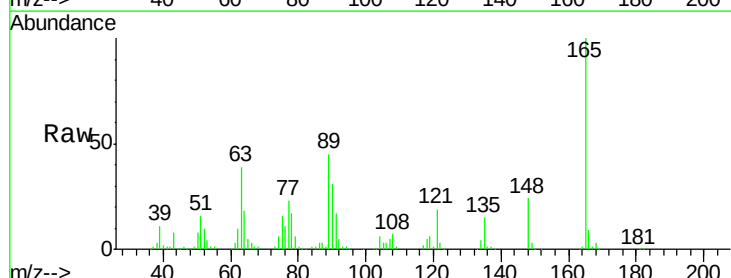
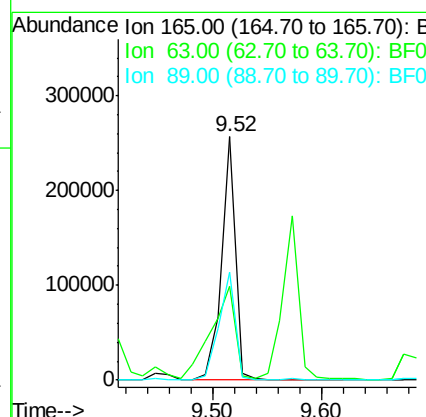
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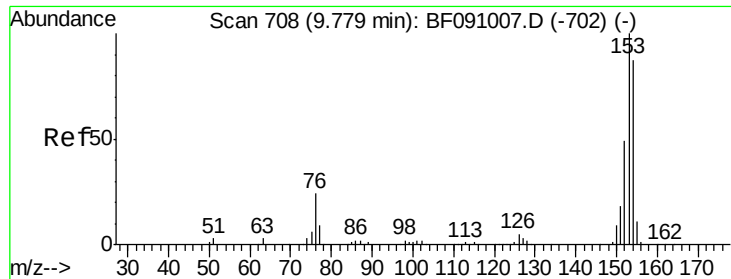
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#50
2,6-Dinitrotoluene
Concen: 48.11 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	234895		
63	38.7	65.6	98.4#	
89	44.5	59.8	89.6#	





#51

Acenaphthene

Concen: 37.96 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

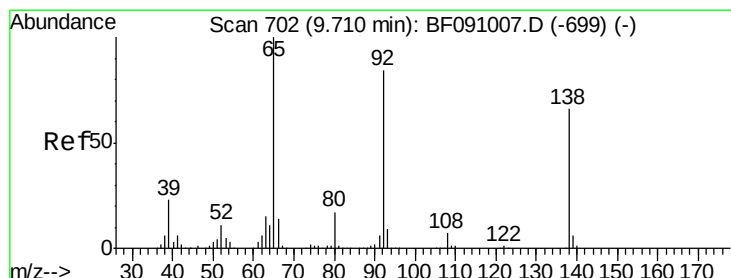
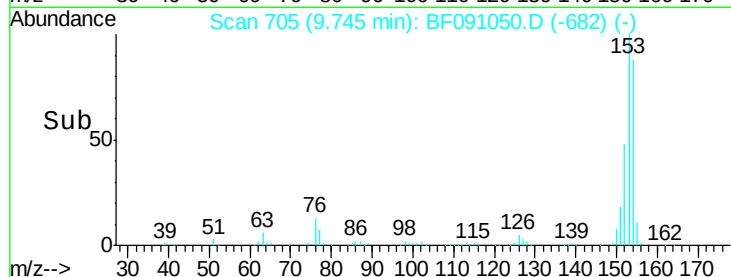
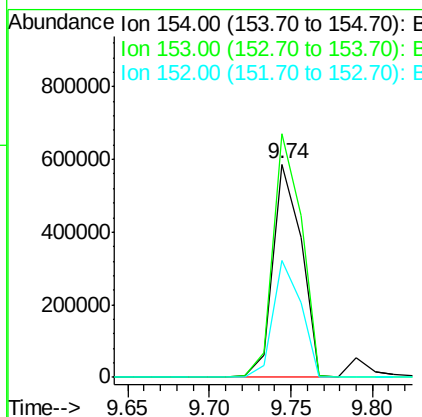
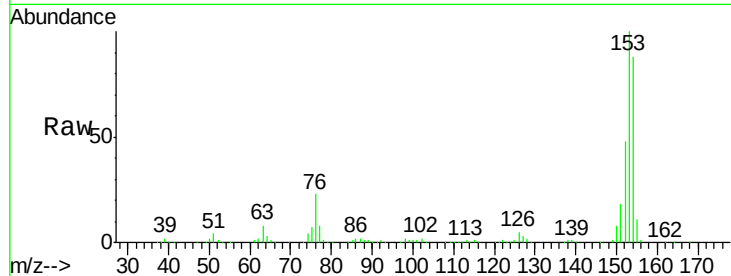
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	715411
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.6	137.4
152	54.8	44.6	67.0

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#52

3-Nitroaniline

Concen: 42.57 ng

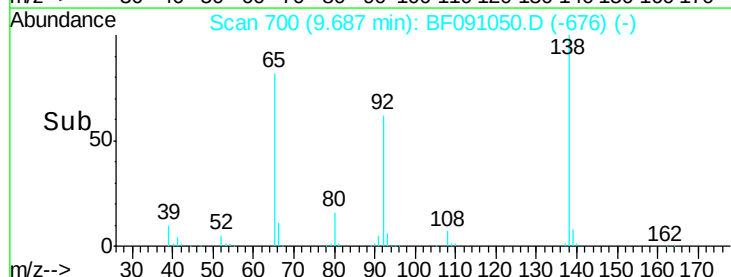
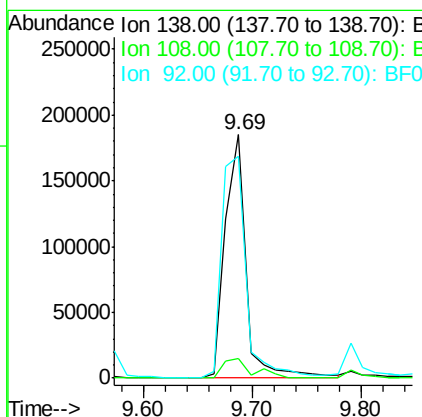
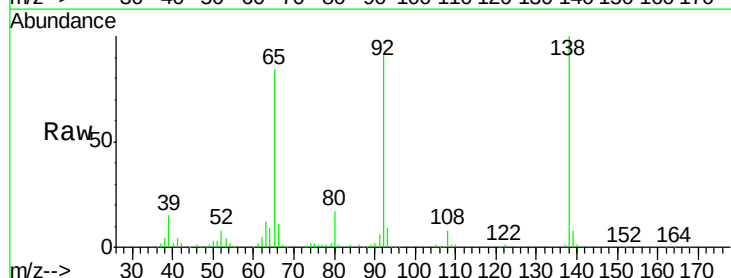
RT: 9.69 min Scan# 700

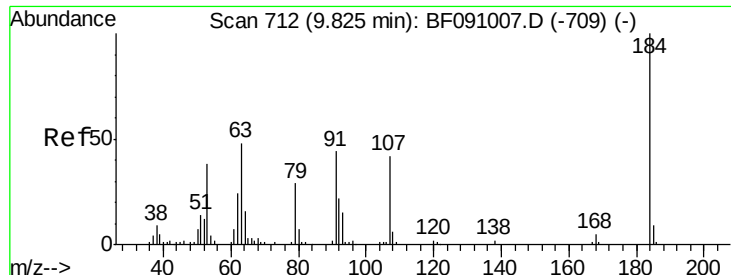
Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:	138	Resp:	246503
Ion Ratio	Lower	Upper	
138	100		
108	8.2	8.4	12.6#
92	91.0	101.1	151.7#





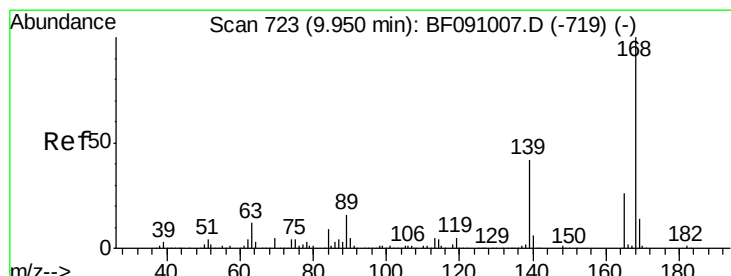
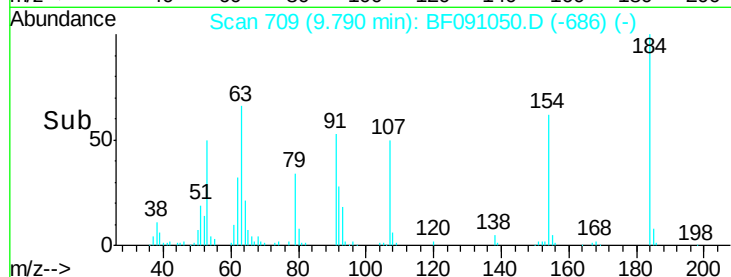
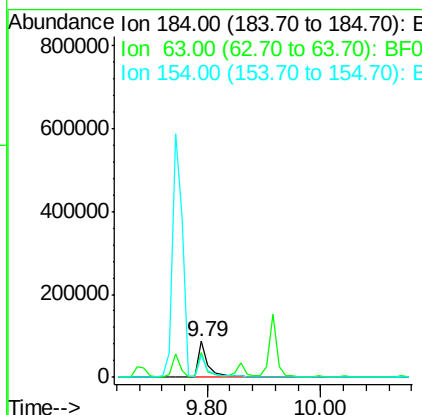
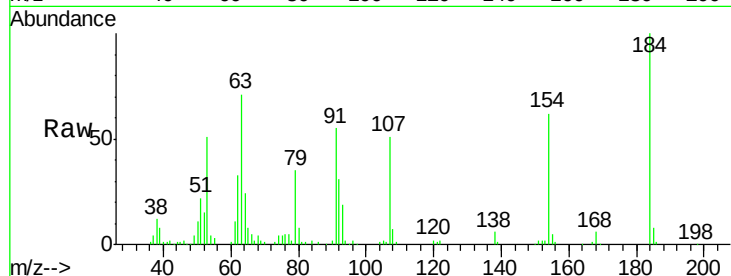
#53
 2,4-Dinitrophenol
 Concen: 44.45 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.6	45.5	68.3	
154	61.8	51.0	76.4	

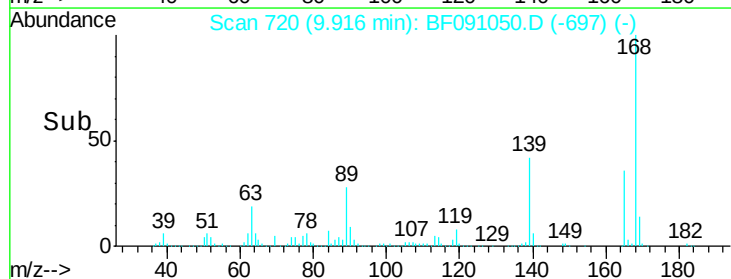
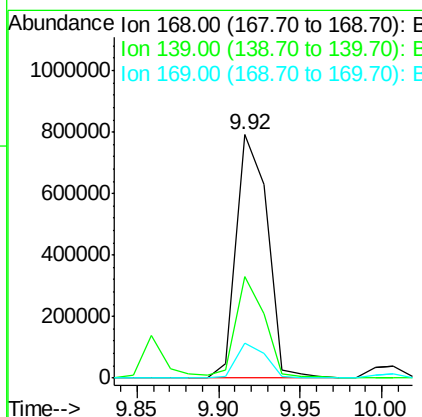
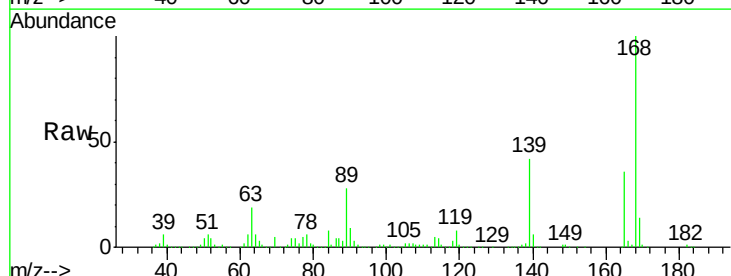
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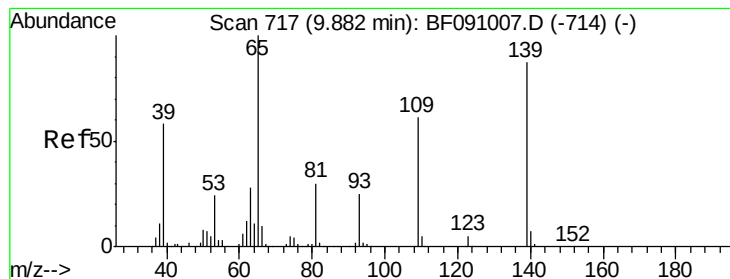
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#54
 Dibenzofuran
 Concen: 40.89 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.9	34.8	52.2	
169	14.2	11.4	17.2	





#55

4-Nitrophenol

Concen: 39.68 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 141007
Ion Ratio Lower Upper

139 100

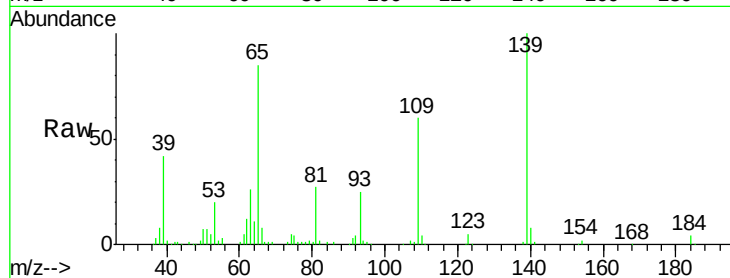
109 60.1 50.5 90.5

65 84.6 97.1 137.1#

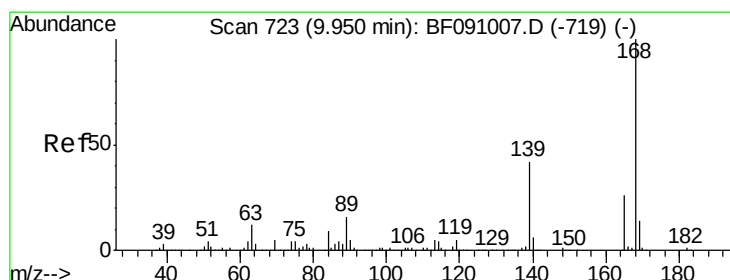
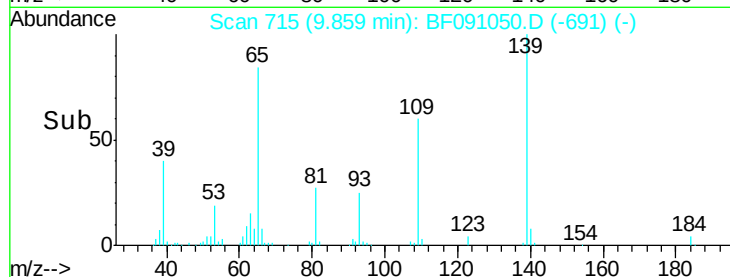
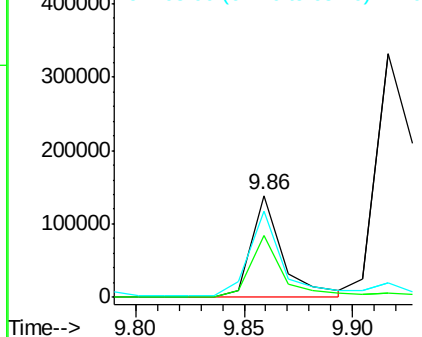
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.71 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:165 Resp: 252938
Ion Ratio Lower Upper

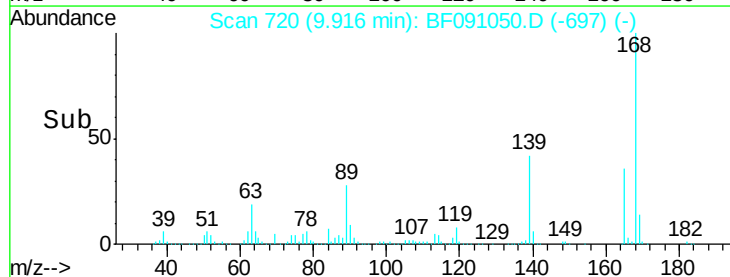
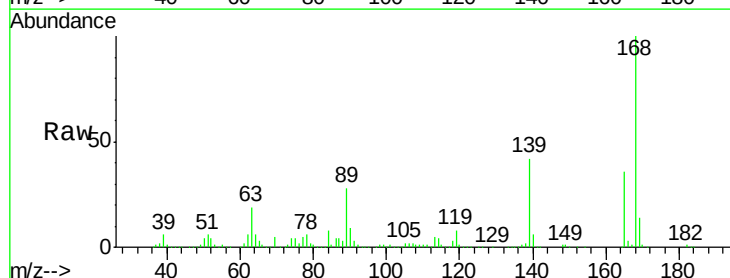
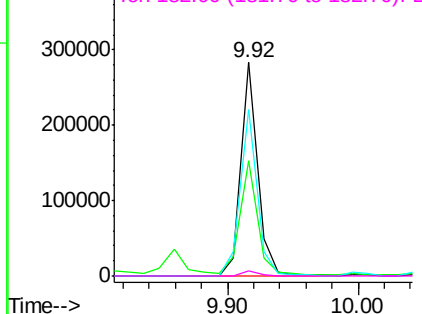
165 100

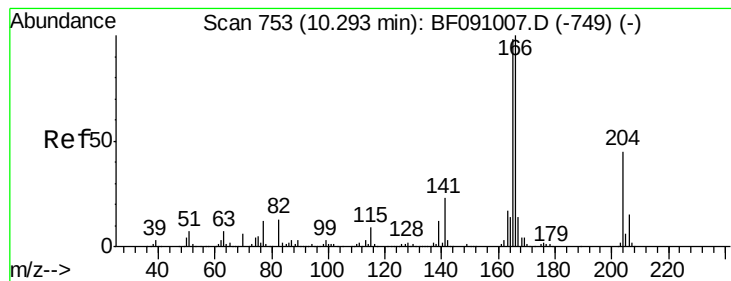
63 53.9 38.7 58.1

89 78.2 50.6 76.0#

182 2.4 1.8 2.8

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.74 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

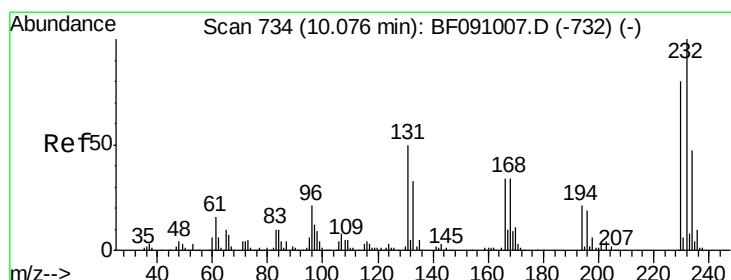
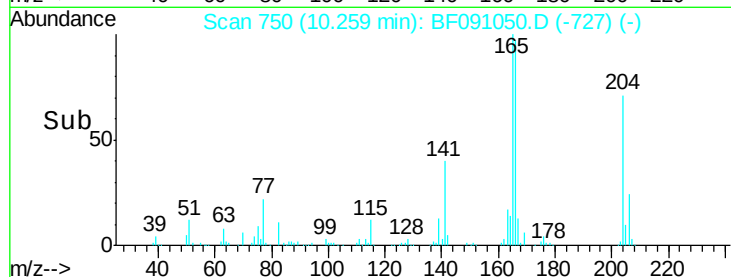
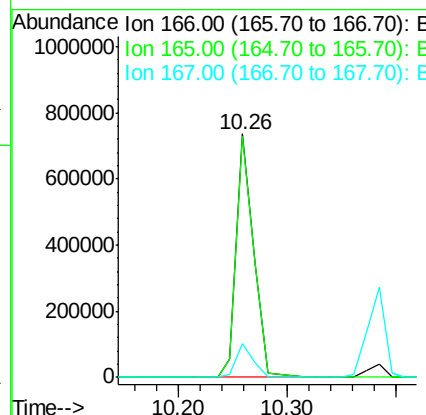
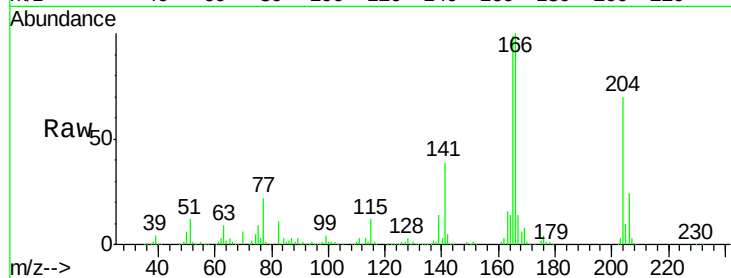
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	803309
Ion Ratio		Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.9	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.98 ng

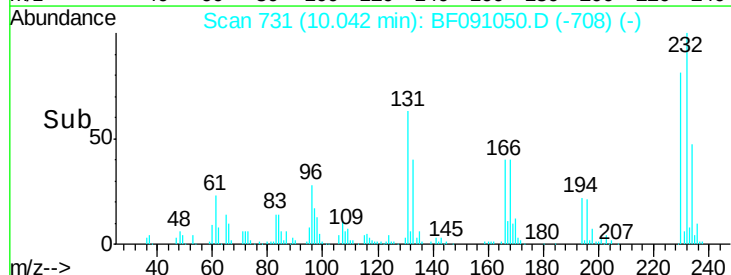
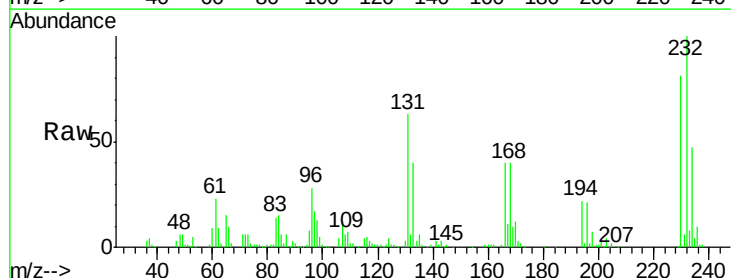
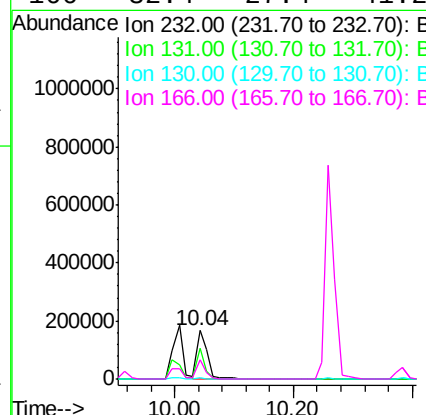
RT: 10.04 min Scan# 731

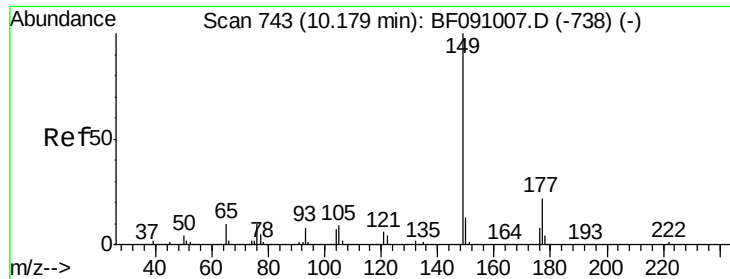
Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:	232	Resp:	206867
Ion Ratio		Lower	Upper
232	100		
131	48.1	43.6	65.4
130	2.1	2.0	3.0
166	32.4	27.4	41.2





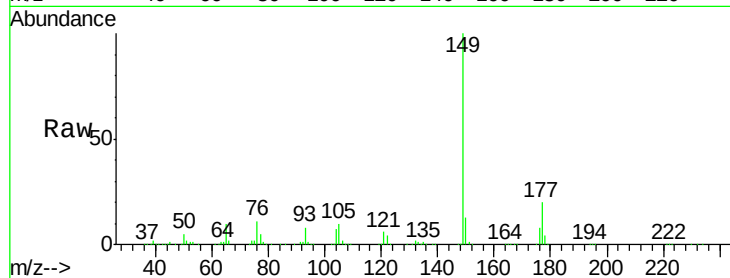
#59
Diethylphthalate
Concen: 37.89 ng
RT: 10.14 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

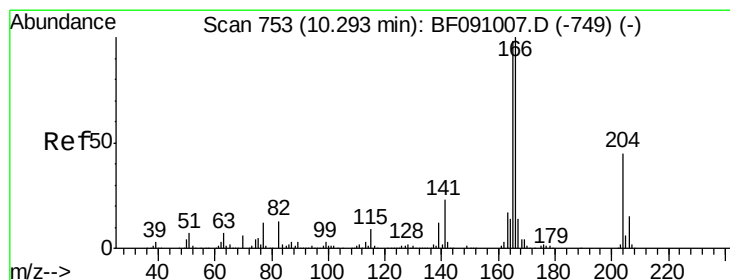
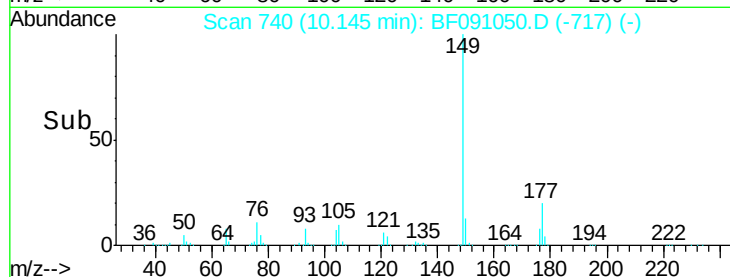
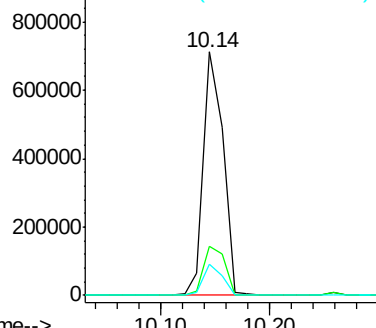
Tot Ion	Ratio	Resp	Lower	Upper
149	100	885172		
177	20.0		17.3	25.9
150	12.9		10.3	15.5

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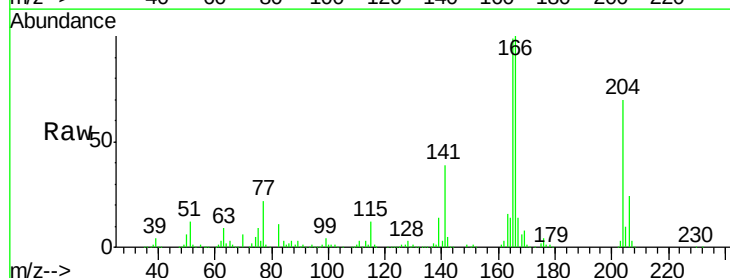


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

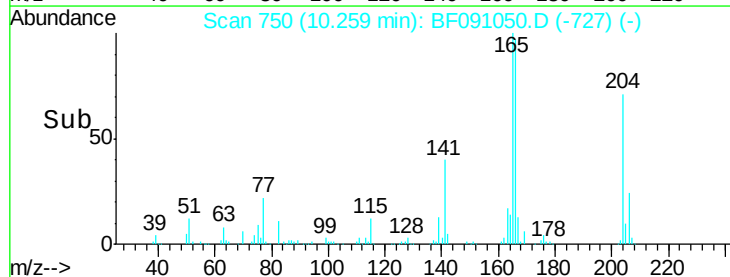
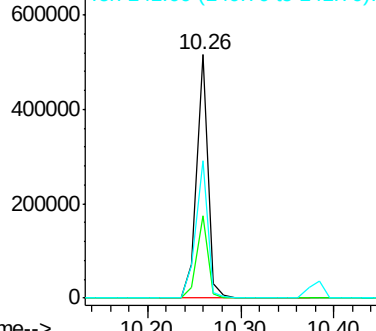


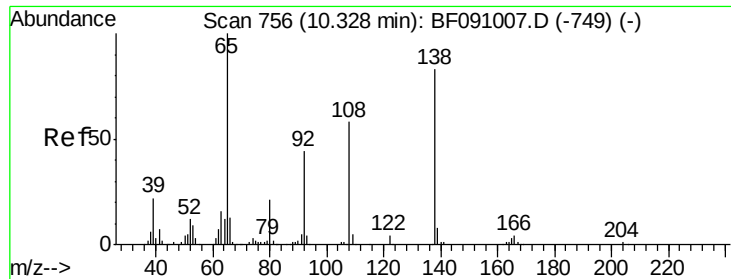
#60
4-Chlorophenyl-phenylether
Concen: 45.76 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	431848		
206	33.7		27.1	40.7
141	56.2		40.1	60.1



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: 42.56 ng

RT: 10.30 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

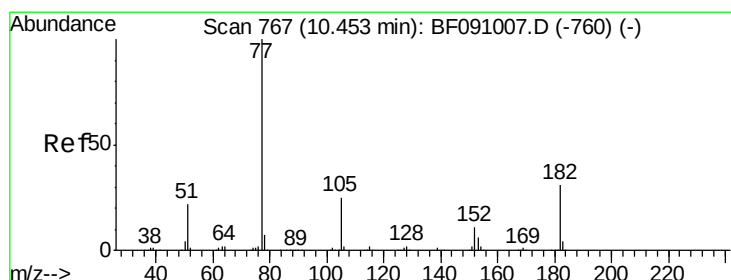
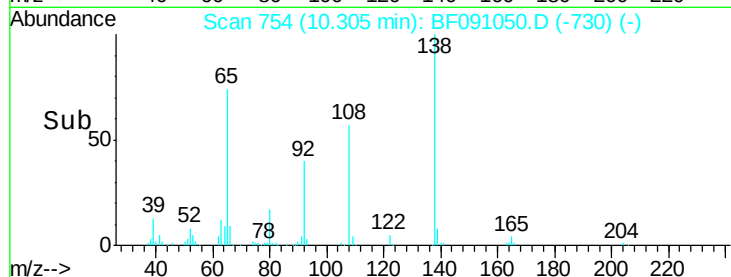
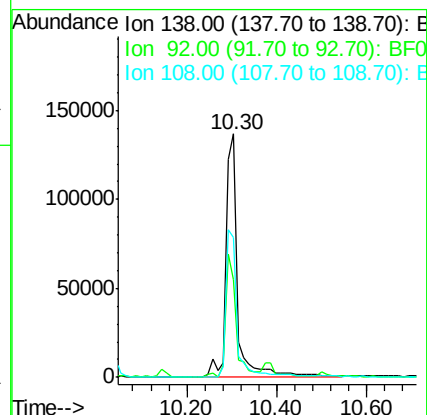
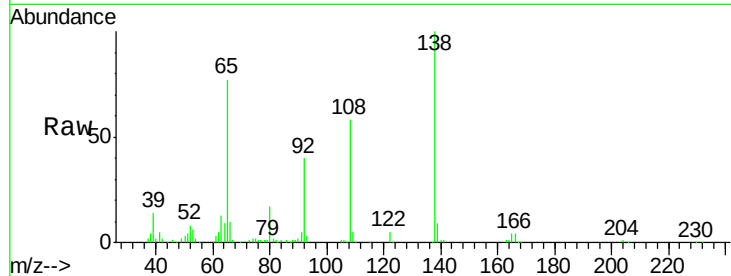
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
138	100		
92	40.1	32.5	72.5
108	57.6	49.4	89.4

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#62

Azobenzene

Concen: 34.73 ng

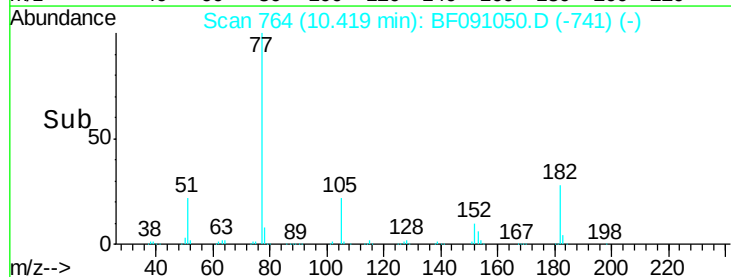
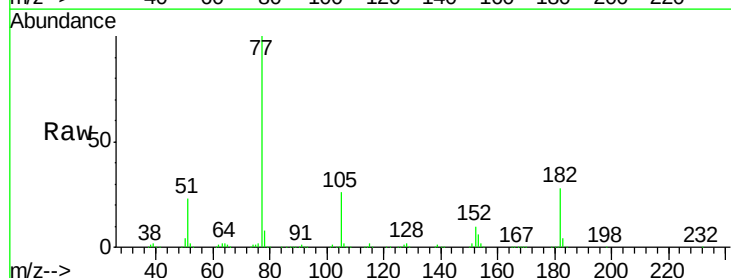
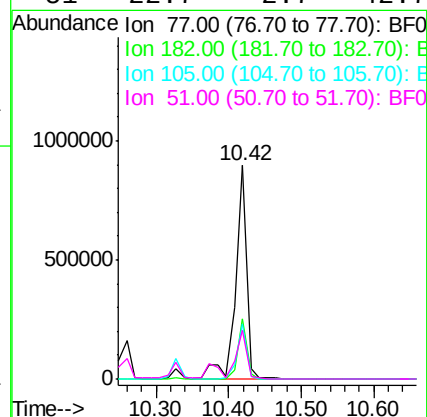
RT: 10.42 min Scan# 764

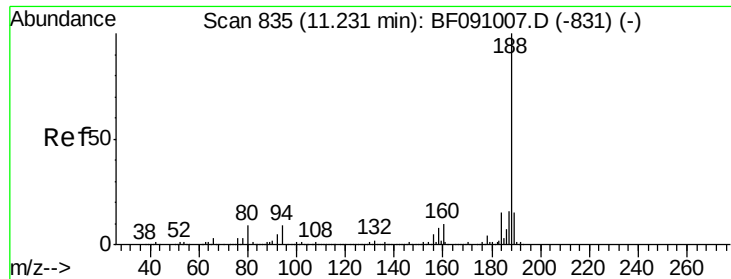
Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	11.0	51.0
105	25.6	5.6	45.6
51	22.7	2.7	42.7





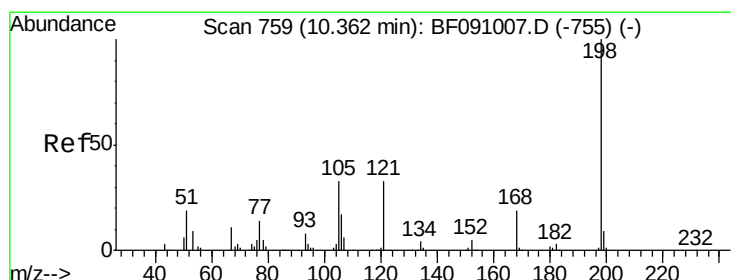
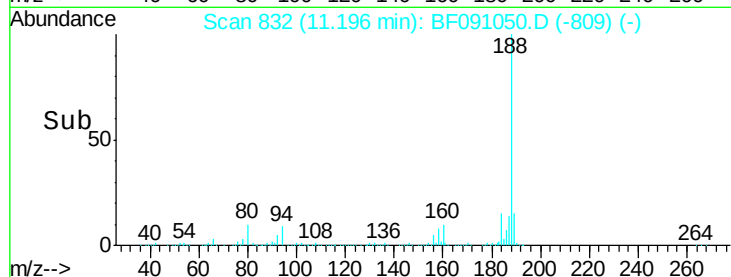
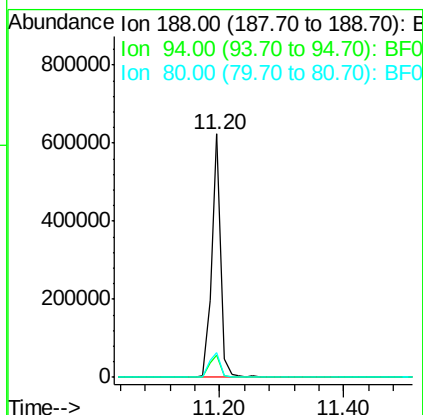
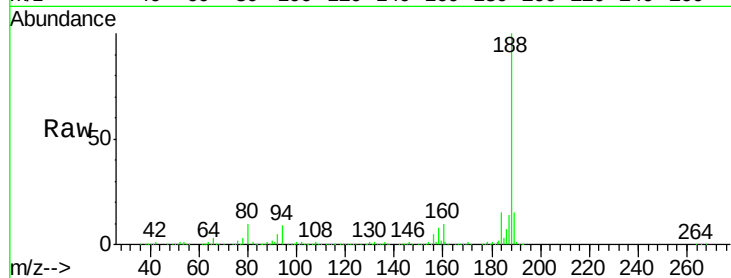
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	612090		
94	9.3		7.0	10.4
80	10.2		7.5	11.3

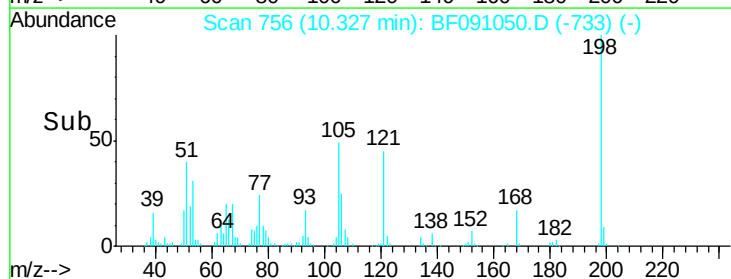
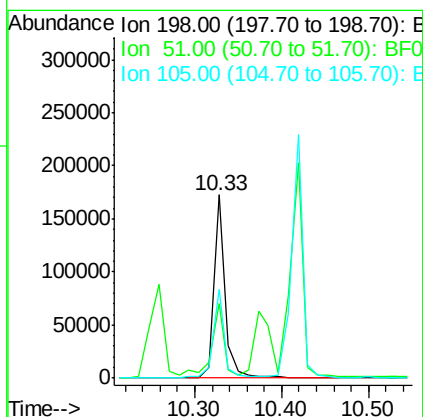
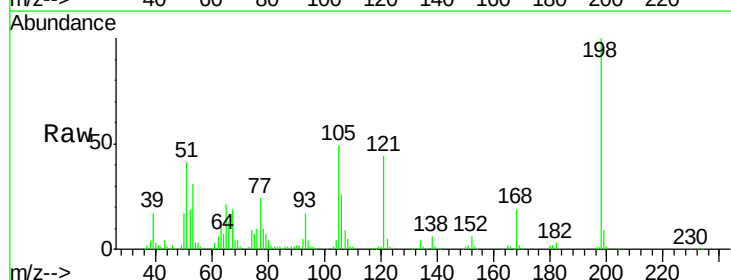
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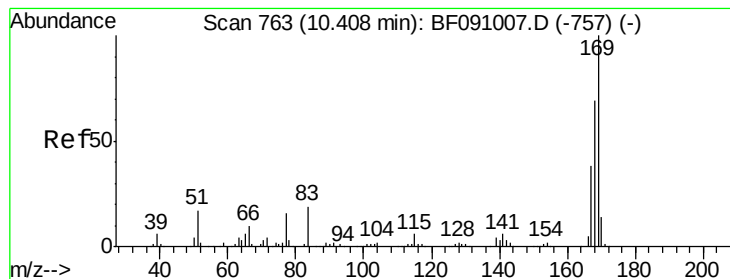
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.94 ng
RT: 10.33 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	157185		
51	40.5		5.9	45.9
105	48.8		13.8	53.8





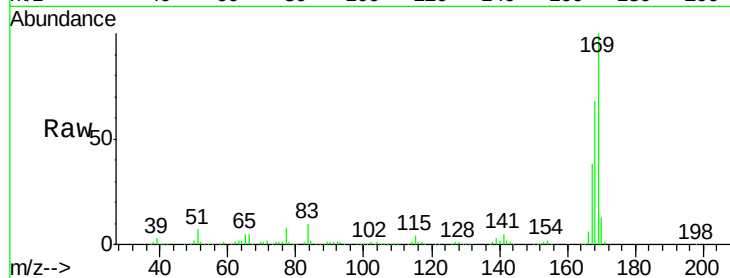
#65
n-Nitrosodiphenylamine
Concen: 40.65 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

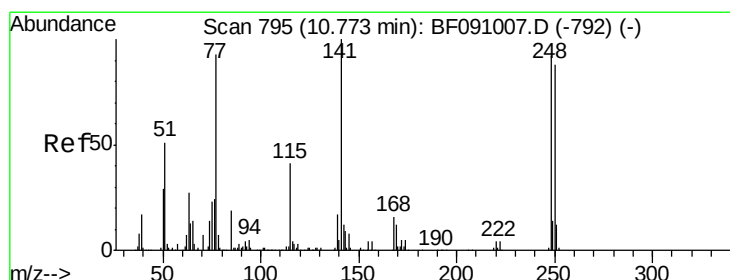
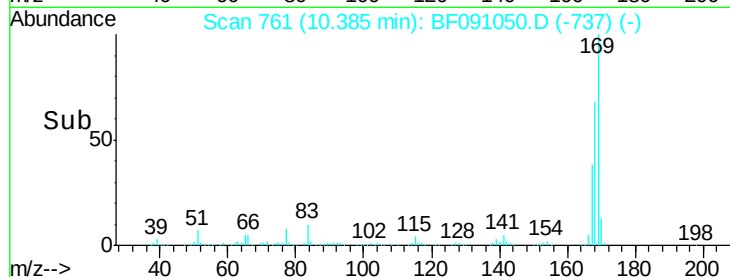
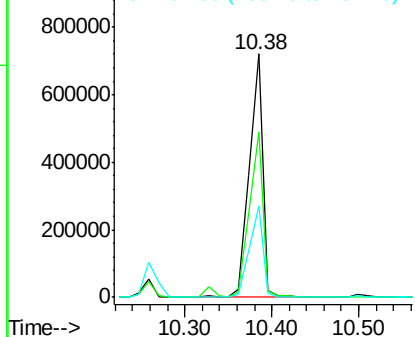
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		790942		
168	68.2	55.3	82.9		
167	37.6	30.3	45.5		

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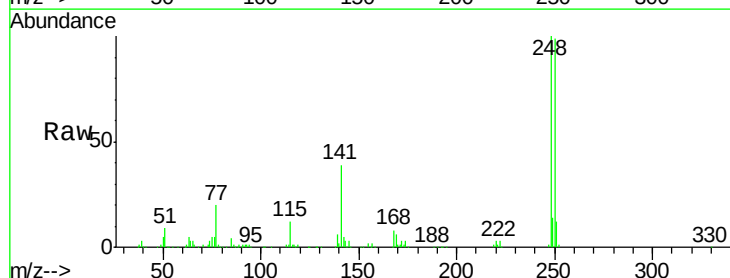


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

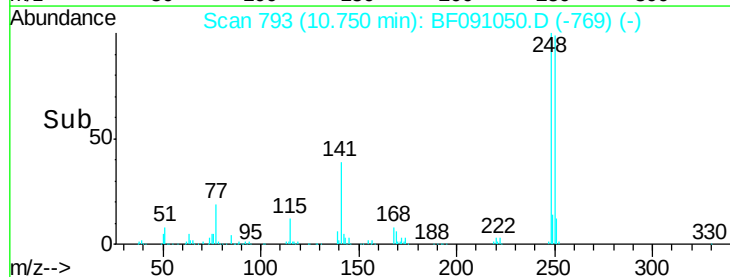
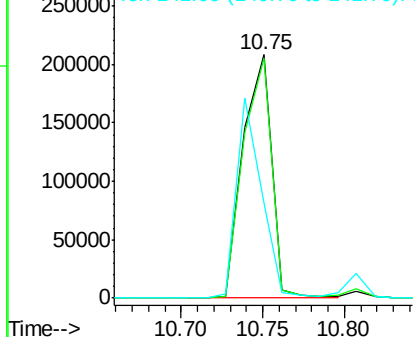


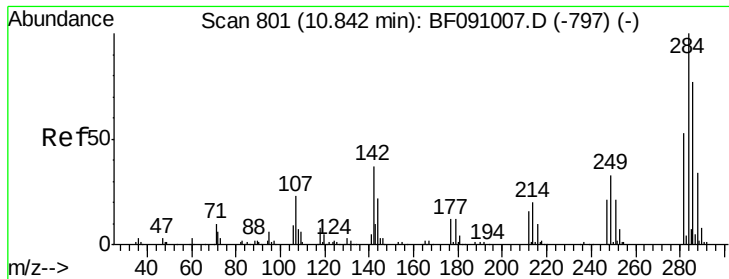
#66
4-Bromophenyl-phenylether
Concen: 39.86 ng
RT: 10.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		253773		
250	98.6	76.3	114.5		
141	39.3	86.8	130.2#		



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





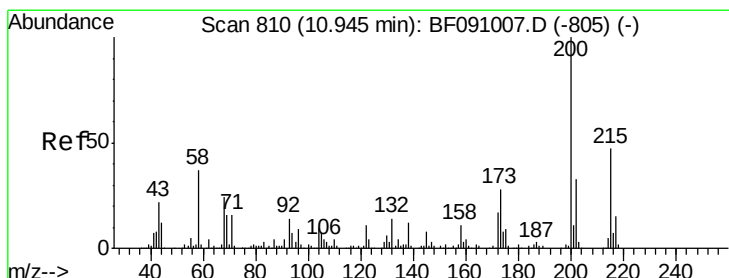
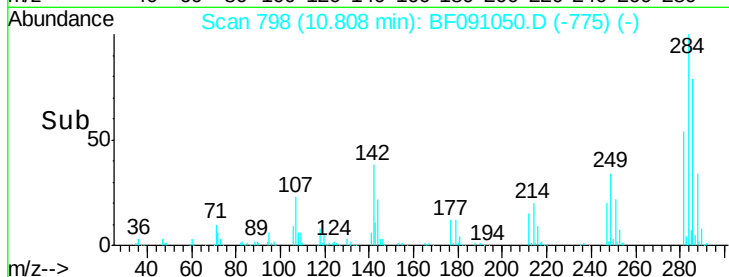
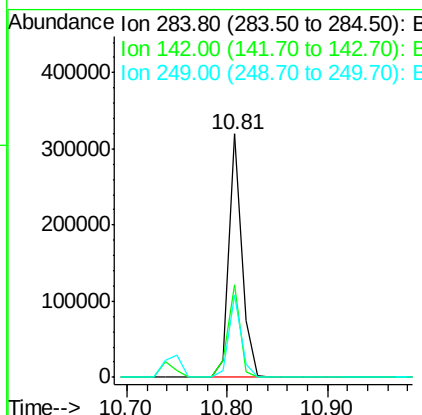
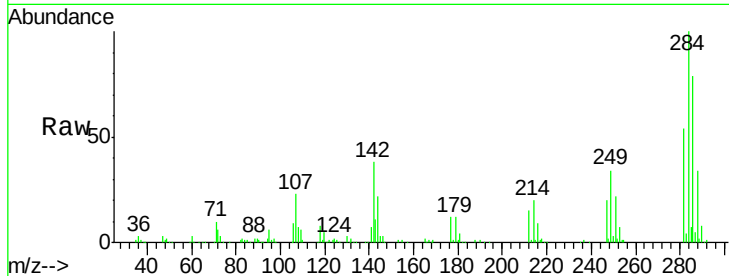
#67
Hexachlorobenzene
Concen: 41.14 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	38.1	29.9	44.9
249	33.6	26.6	39.8

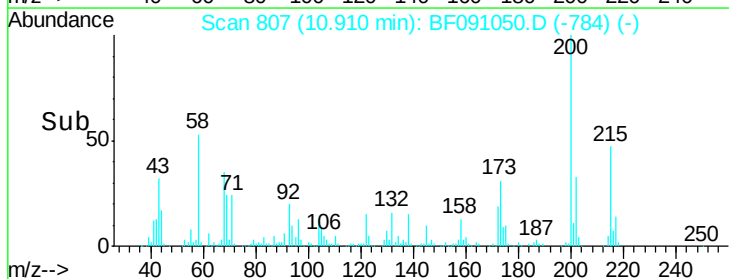
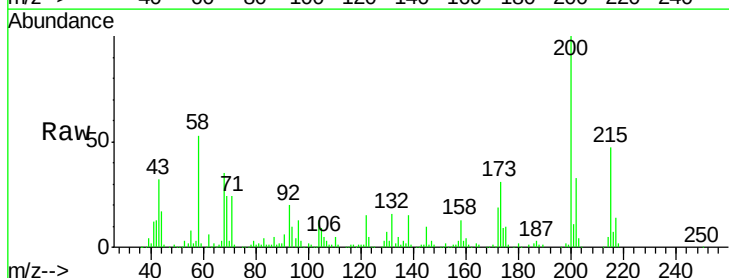
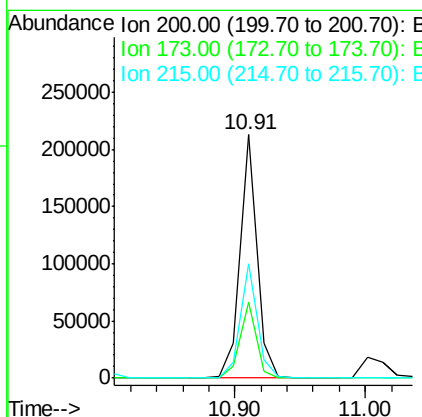
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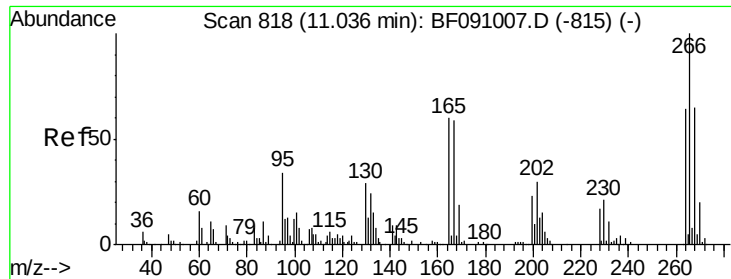
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#68
Atrazine
Concen: 34.24 ng
RT: 10.91 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	31.2	8.1	48.1
215	46.8	27.3	67.3





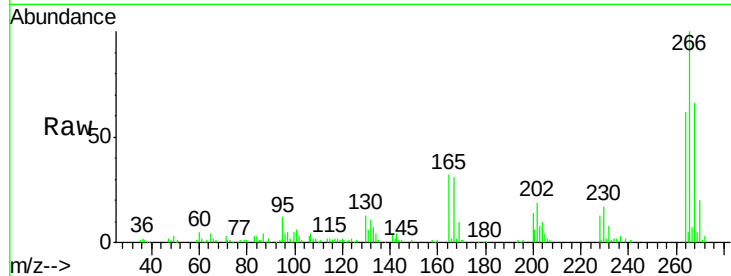
#69
 Pentachlorophenol
 Concen: 43.29 ng
 RT: 11.01 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

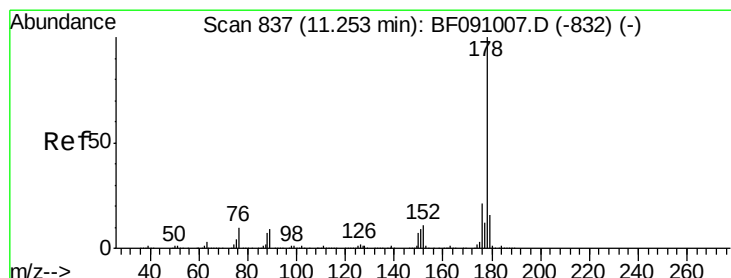
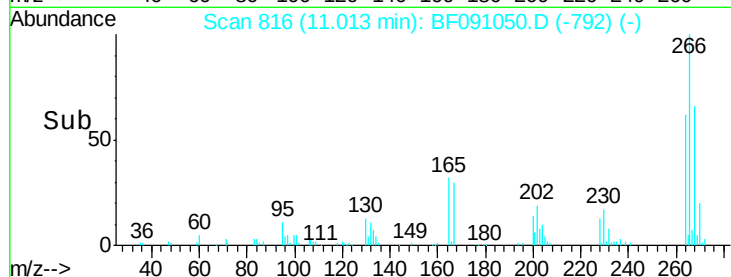
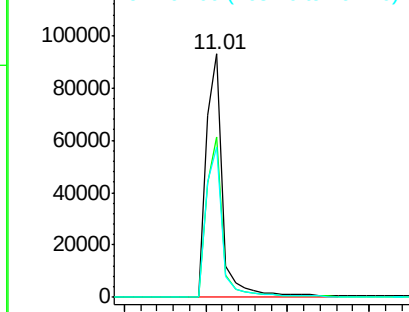
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	52.1	78.1
264	61.5	51.1	76.7

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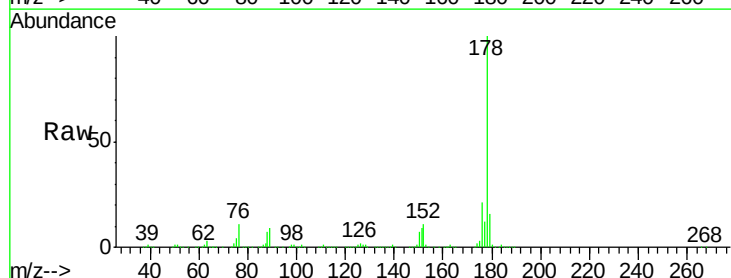


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

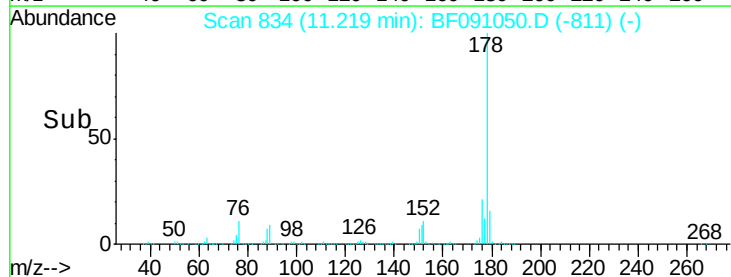
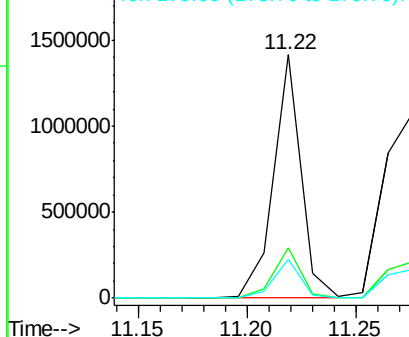


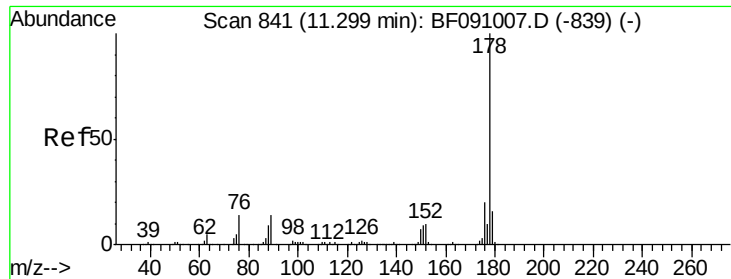
#70
 Phenanthrene
 Concen: 38.98 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	25.0
179	16.2	12.9	19.3



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





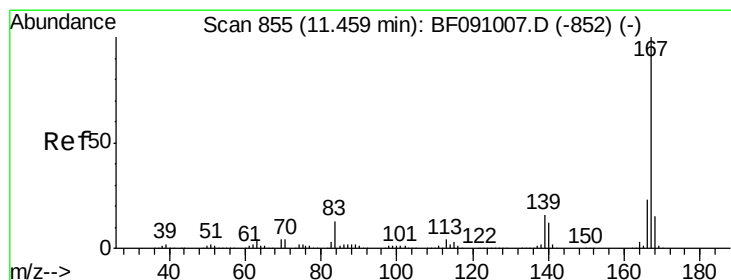
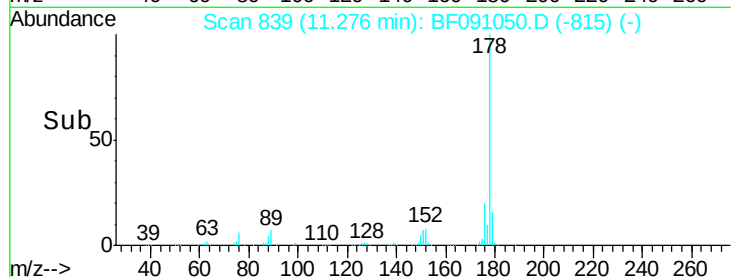
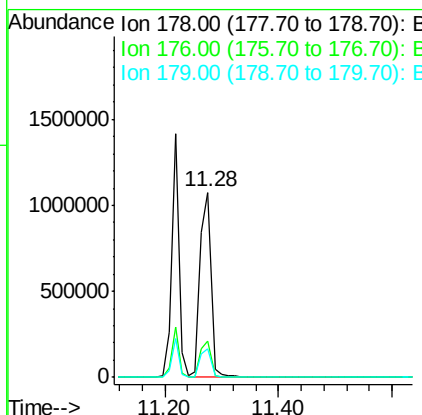
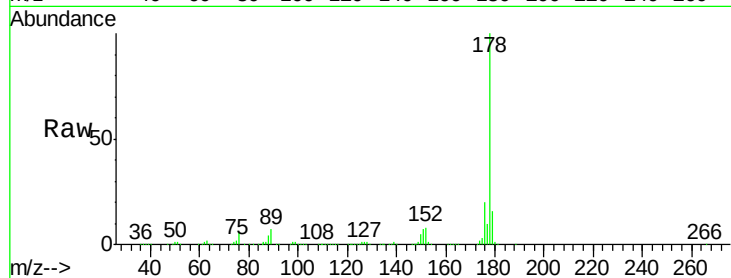
#71
 Anthracene
 Concen: 40.63 ng
 RT: 11.28 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1405404
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.7 13.0 19.6

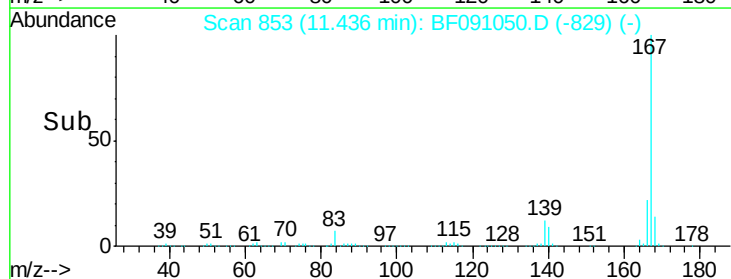
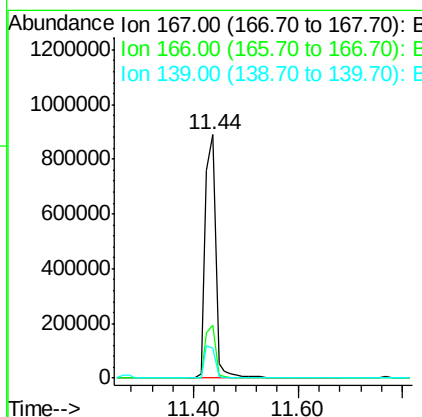
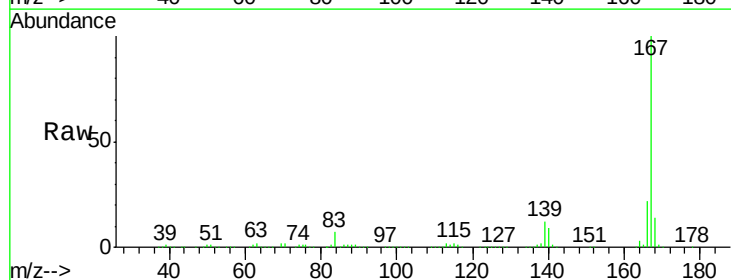
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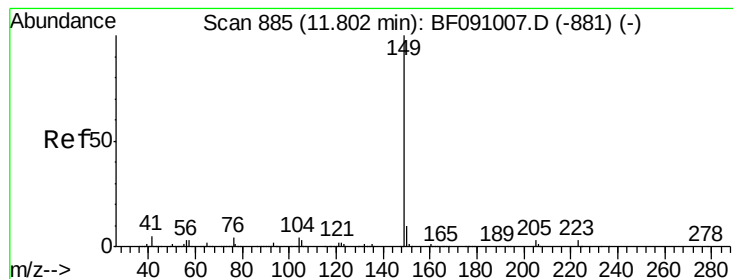
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#72
 Carbazole
 Concen: 40.07 ng
 RT: 11.44 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:167 Resp: 1249023
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.2 12.6 18.8#





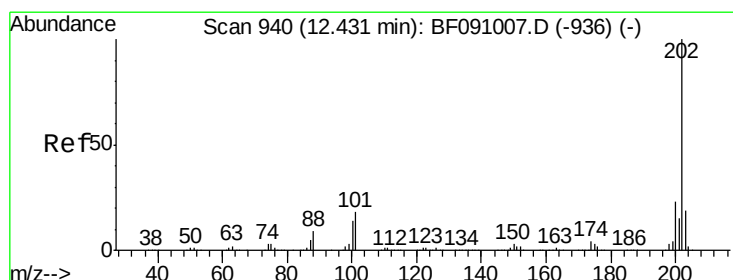
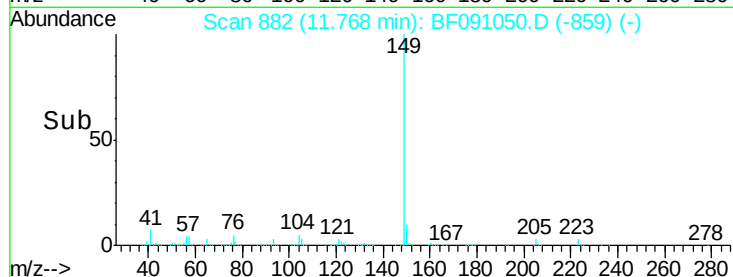
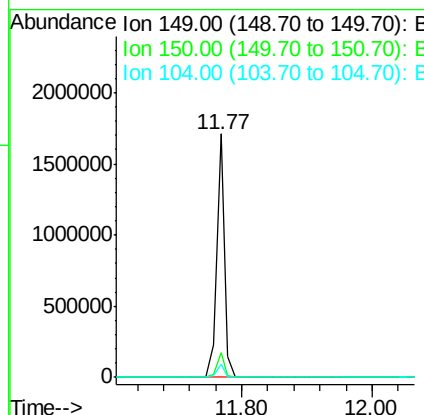
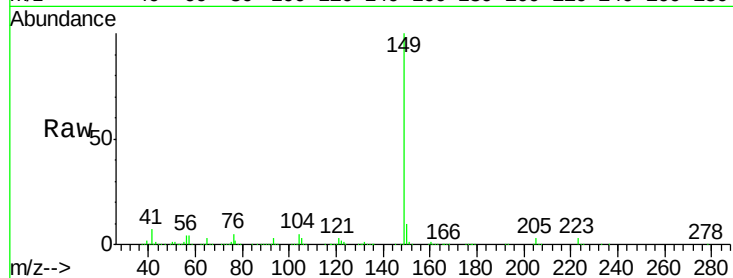
#73
Di-n-butylphthalate
Concen: 36.84 ng
RT: 11.77 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1444391
Ion Ratio Lower Upper
149 100
150 10.0 7.7 11.5
104 5.4 3.6 5.4#

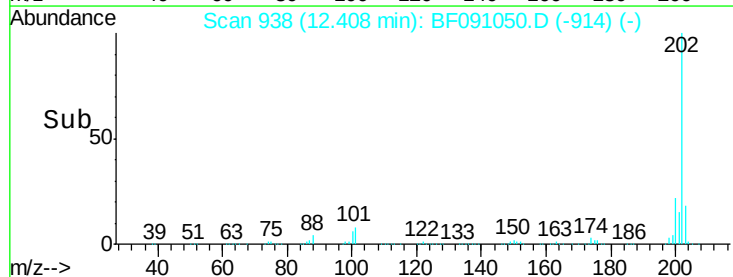
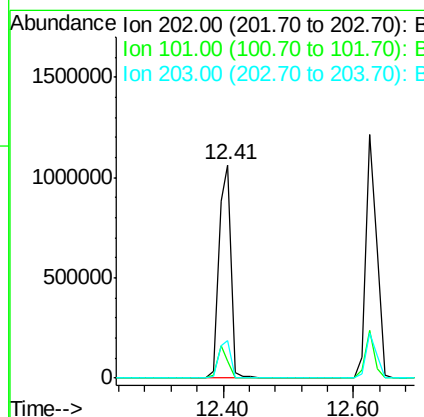
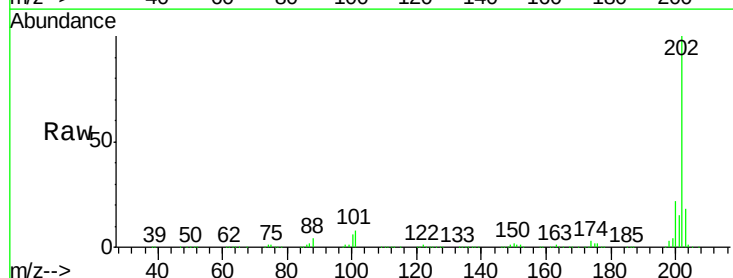
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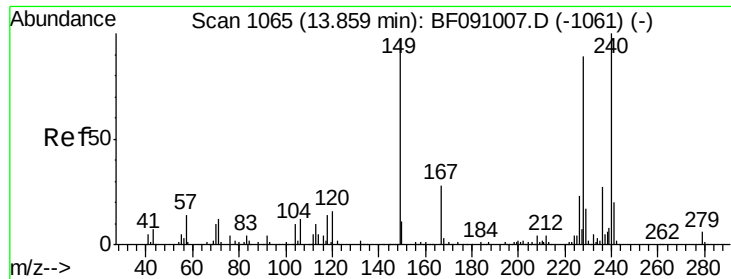
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#74
Fluoranthene
Concen: 41.65 ng
RT: 12.41 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:202 Resp: 1405412
Ion Ratio Lower Upper
202 100
101 8.1 0.0 37.6
203 17.6 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

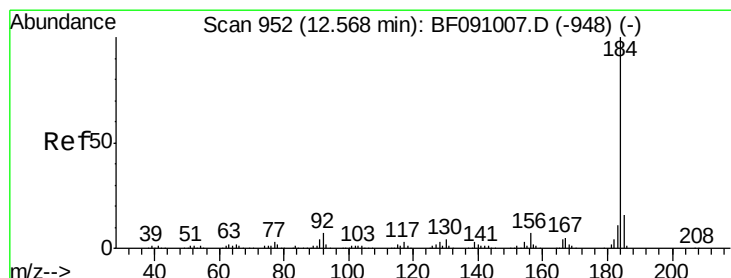
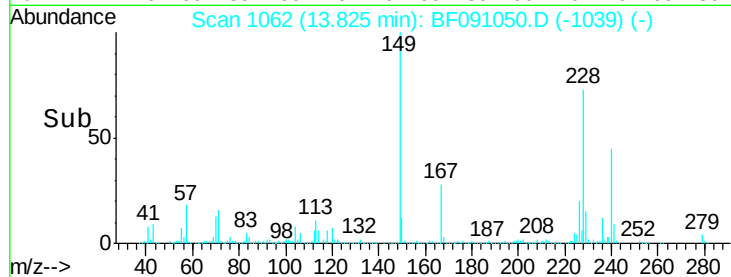
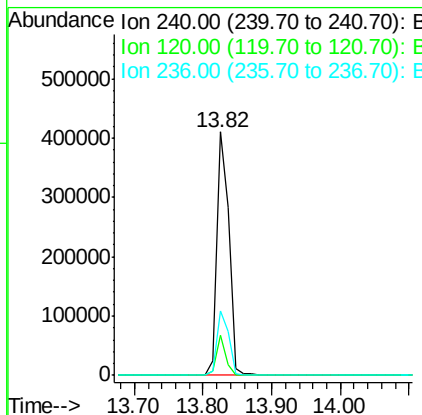
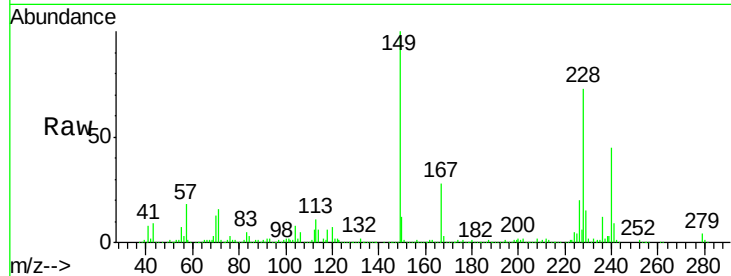
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.4	12.9	19.3
236	26.3	21.9	32.9

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#76

Benzidine

Concen: 48.75 ng

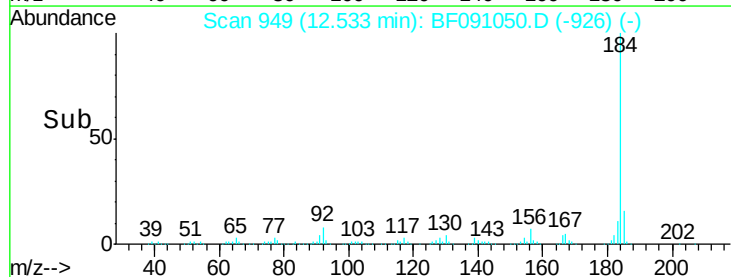
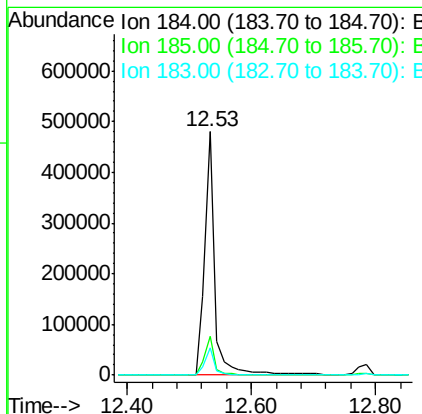
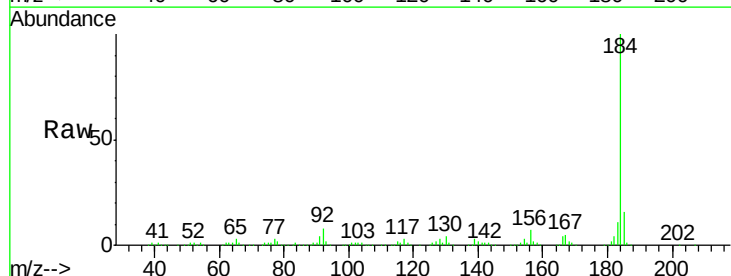
RT: 12.53 min Scan# 949

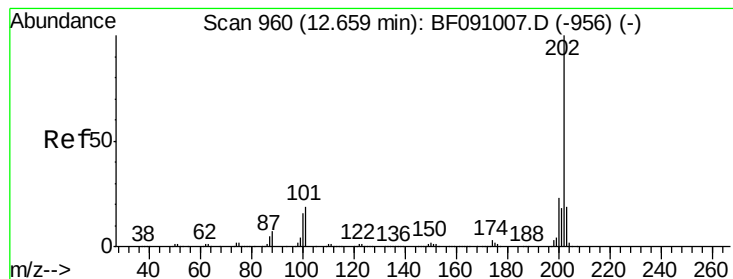
Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.0	19.4
183	11.4	8.7	13.1





#77

Pvrene

Concen: 40.85 ng

RT: 12.62 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

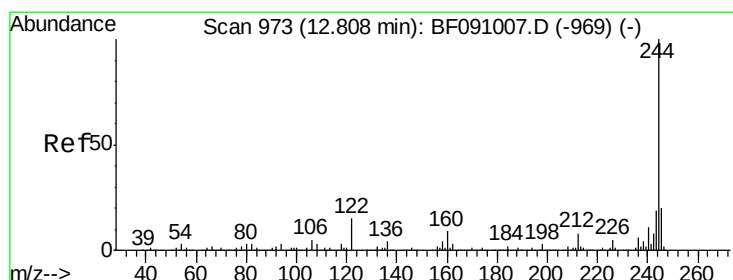
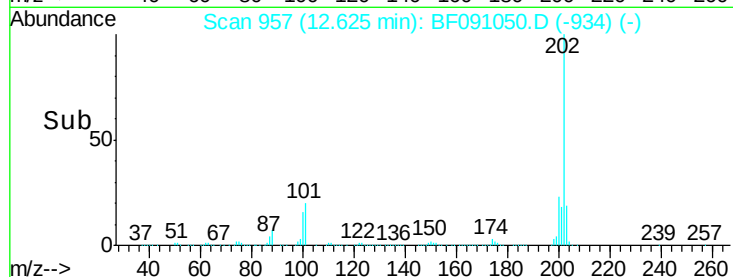
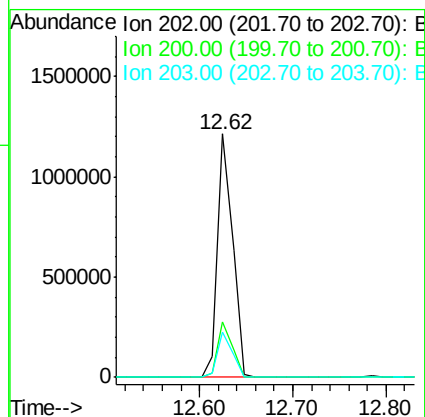
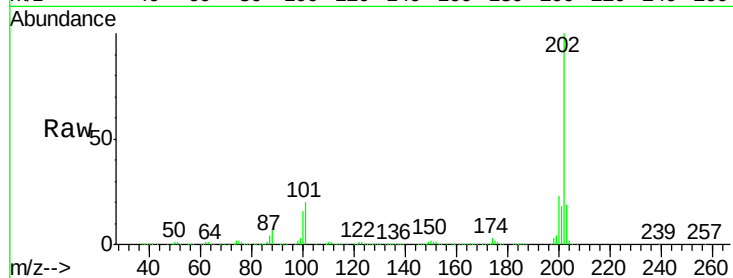
SSTDCCC040

Tot Ion:202 Resp: 1361812

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.4	27.6
203	18.6	15.0	22.6

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#78

Terphenyl-d14

Concen: 91.83 ng

RT: 12.78 min Scan# 971

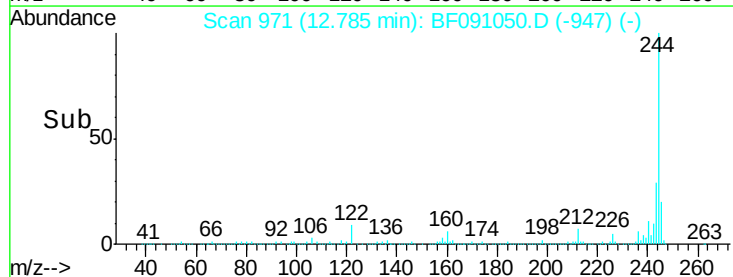
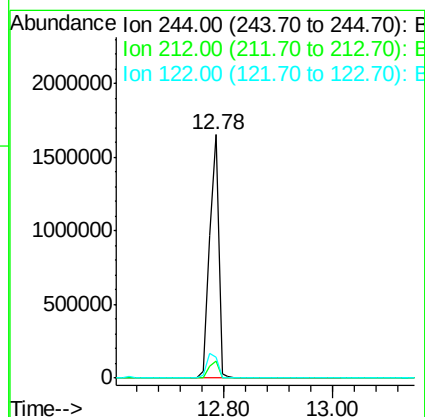
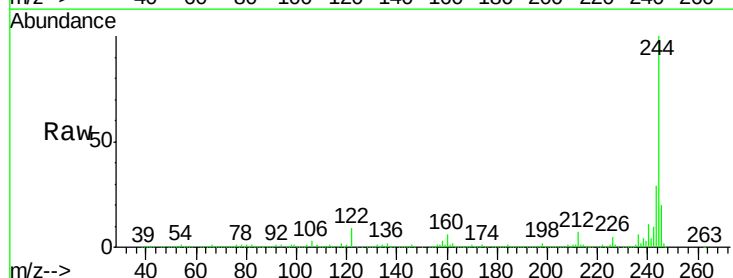
Delta R.T. -0.02 min

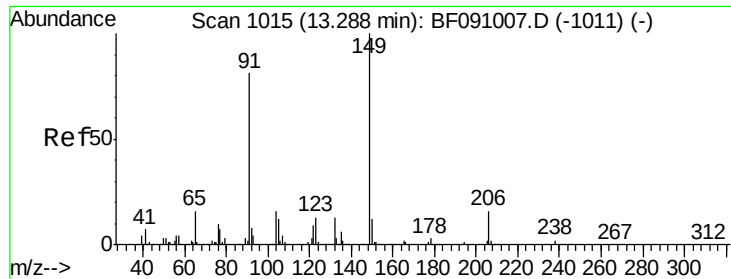
Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:244 Resp: 1873527

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.6	12.3	18.5





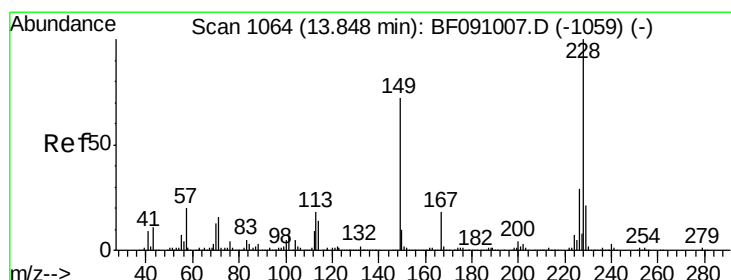
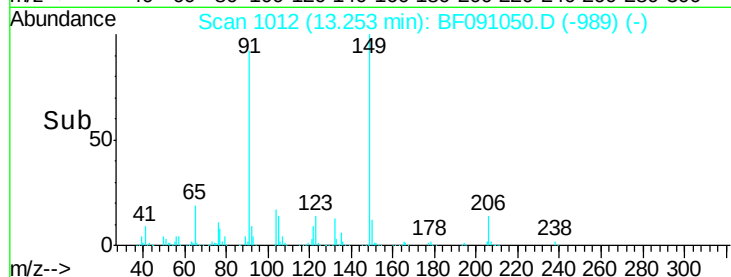
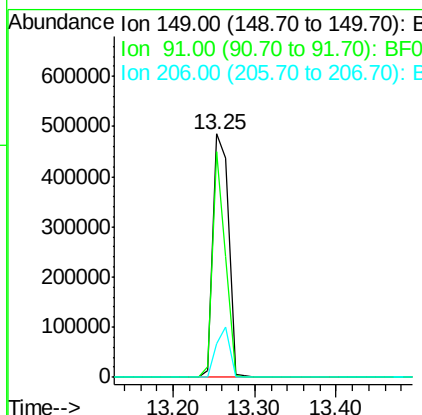
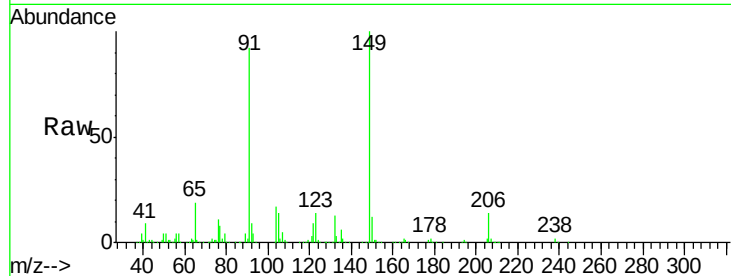
#79
Butylbenzylphthalate
Concen: 40.99 ng
RT: 13.25 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	92.5	65.0	97.4
206	13.9	12.5	18.7

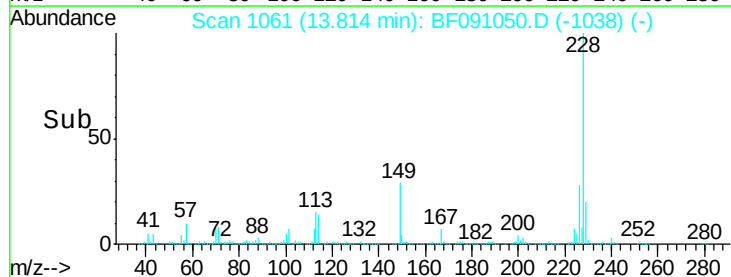
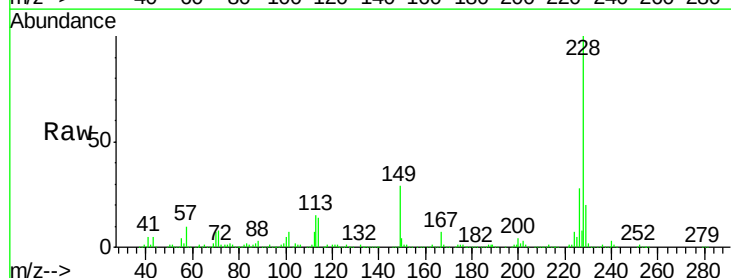
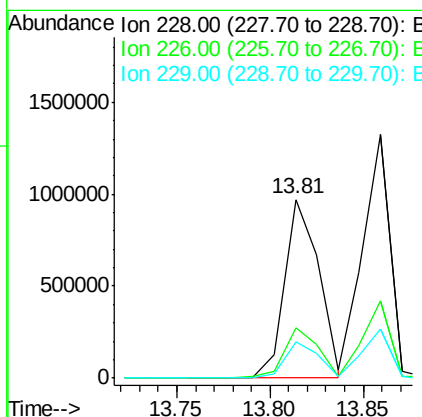
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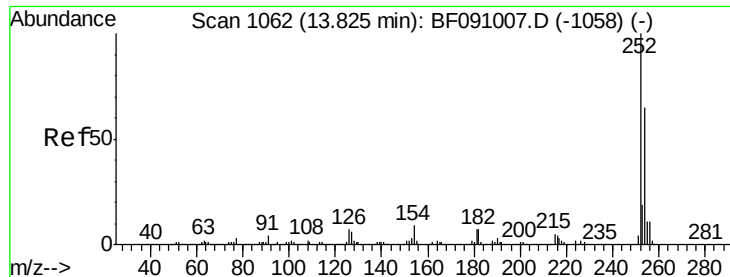
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#80
Benzo(a)anthracene
Concen: 43.00 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.5	16.6	24.8





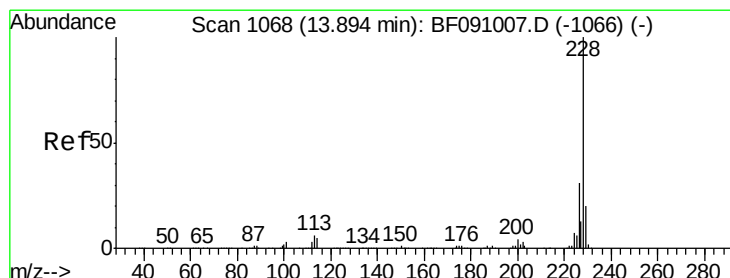
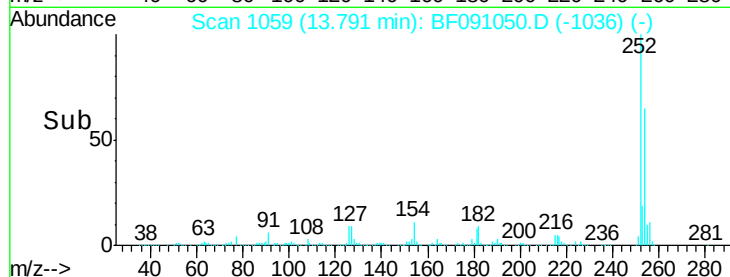
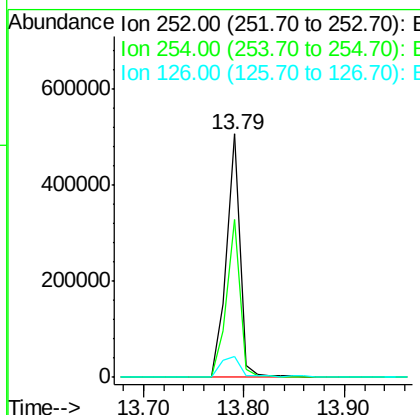
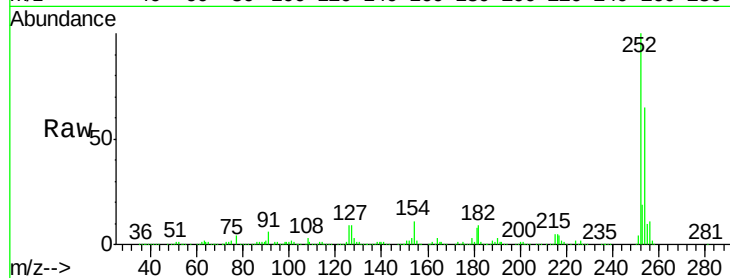
#81
 3,3'-Dichlorobenzidine
 Concen: 47.83 ng
 RT: 13.79 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.7	52.0	78.0	
126	8.7	5.4	8.2	

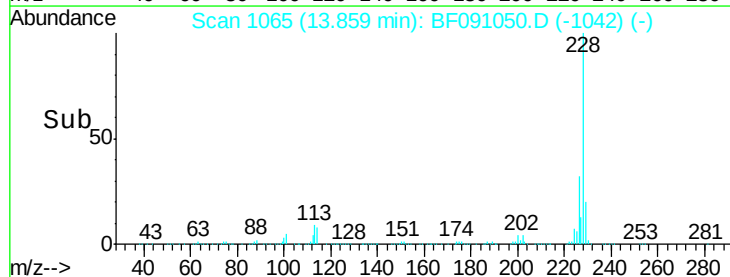
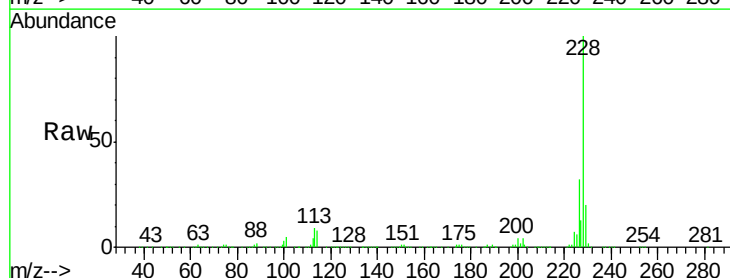
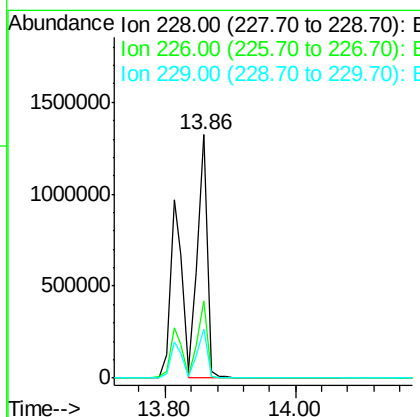
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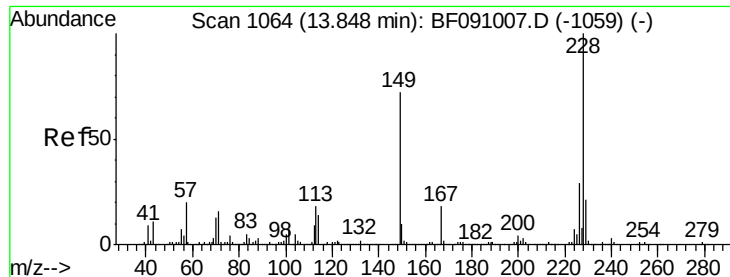
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#82
 Chrysene
 Concen: 47.55 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.9	24.9	37.3	
229	20.4	15.9	23.9	





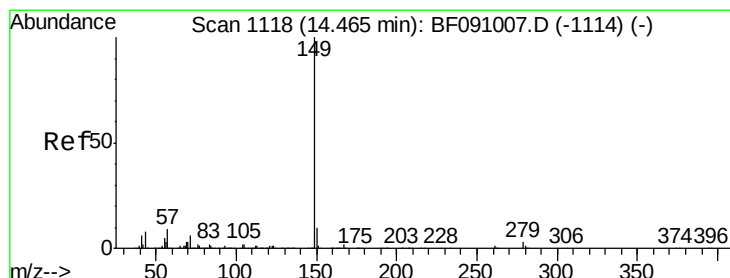
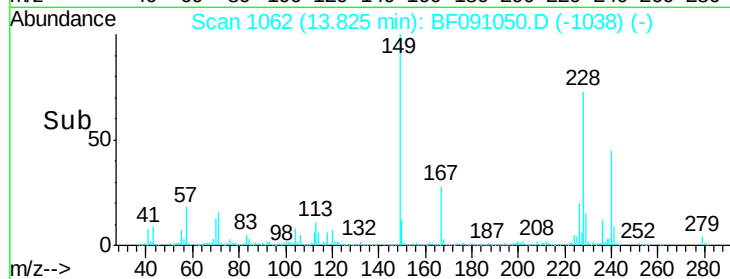
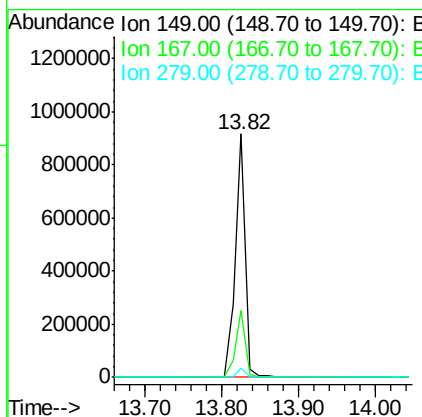
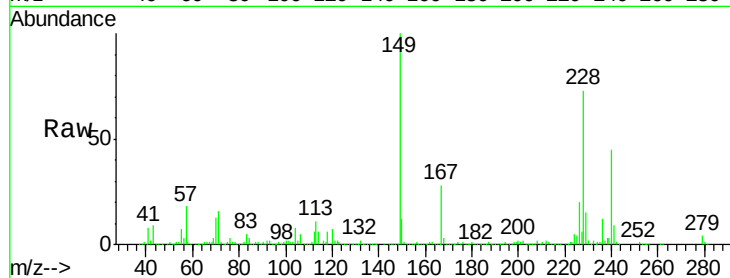
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.48 ng
 RT: 13.82 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.4	30.6
279	4.0	1.6	2.4

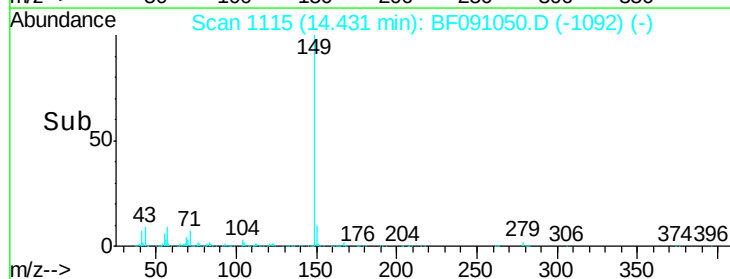
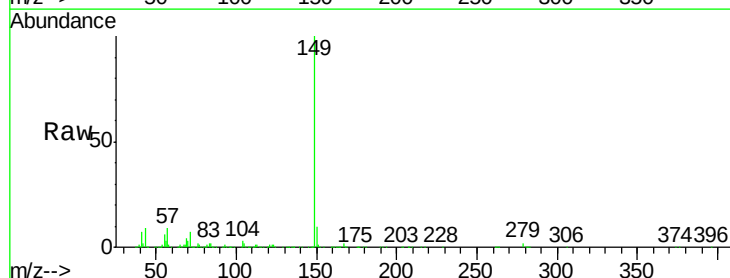
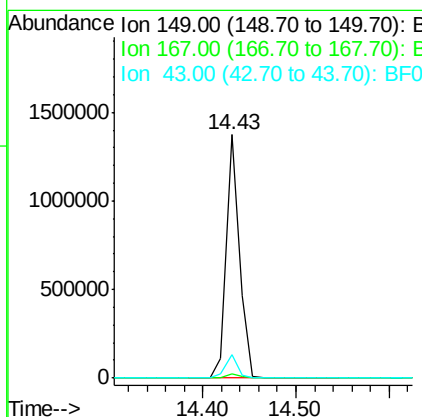
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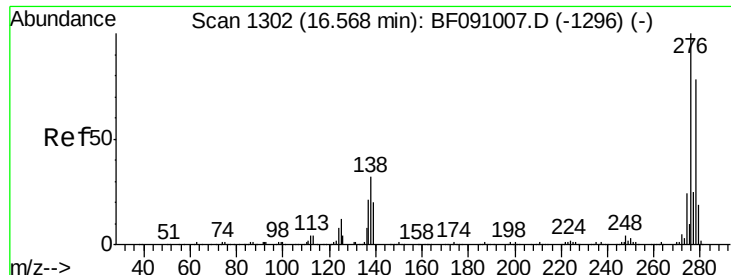
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#84
 Di-n-octyl phthalate
 Concen: 38.07 ng
 RT: 14.43 min Scan# 1115
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.2	12.4





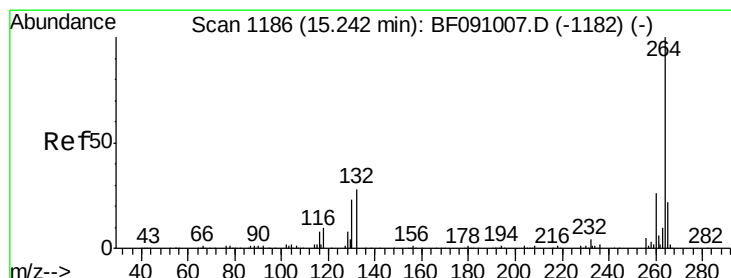
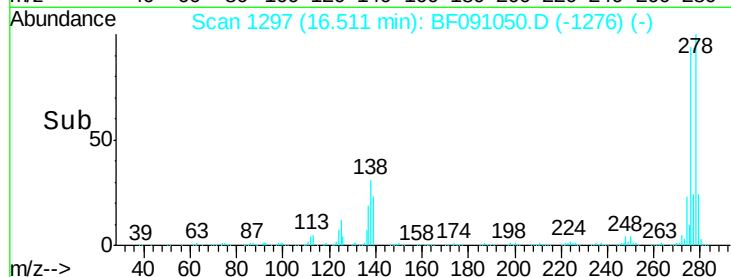
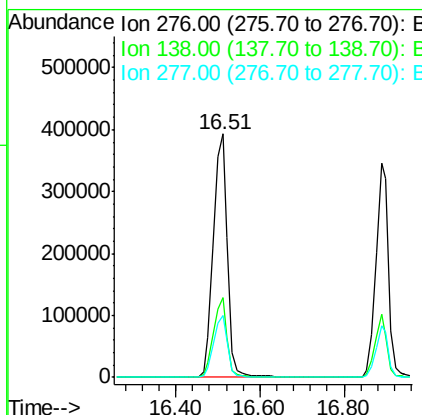
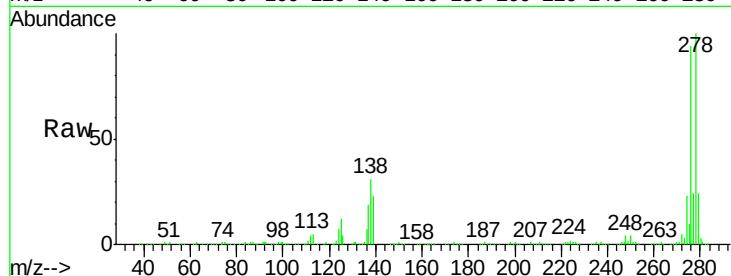
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.99 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	26.0	39.0
277	25.0	20.1	30.1

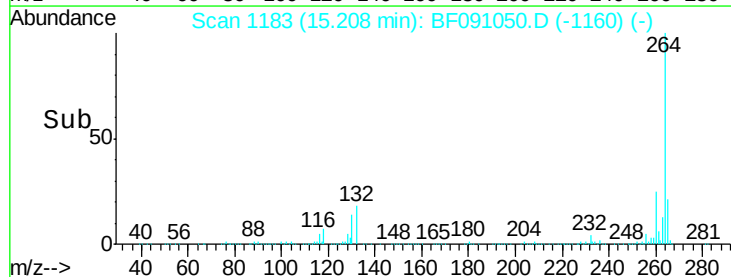
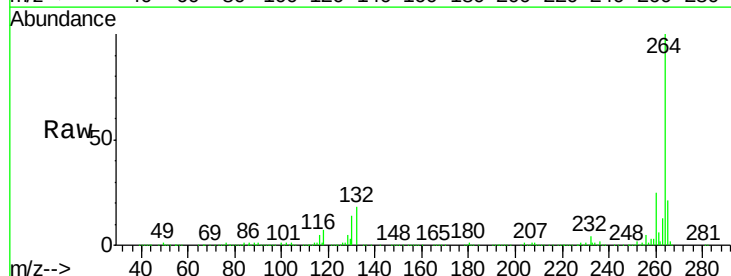
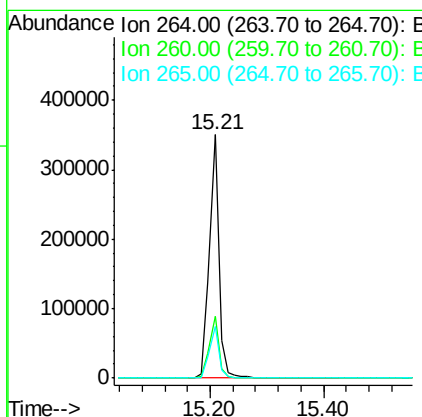
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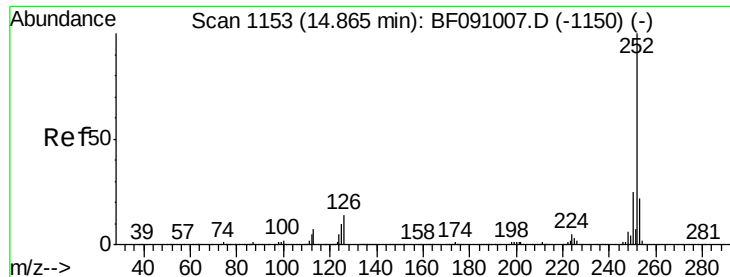
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.4	17.8	26.8





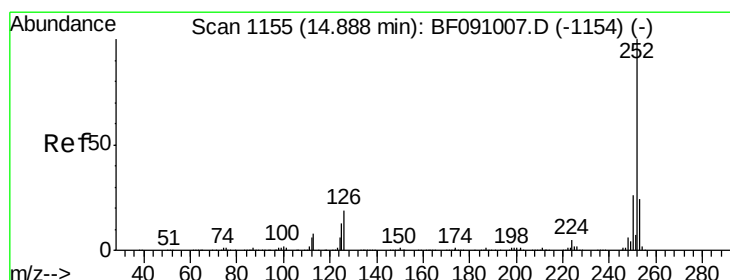
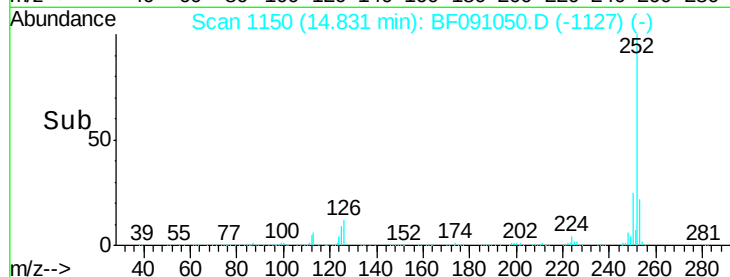
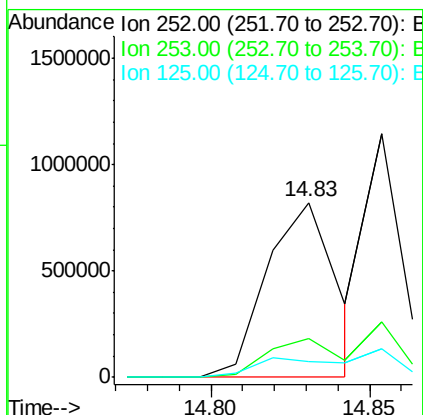
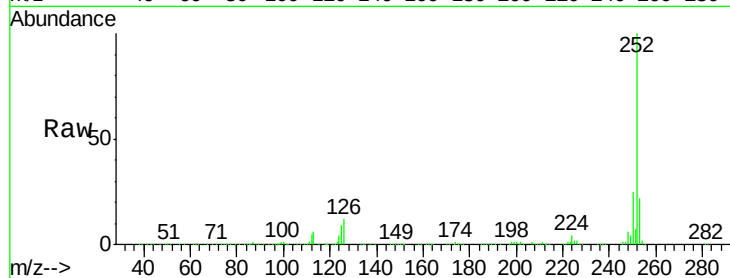
#87
Benzo(b)fluoranthene
Concen: 47.43 ng m
RT: 14.83 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:252 Resp: 1258977
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.7 8.3 12.5

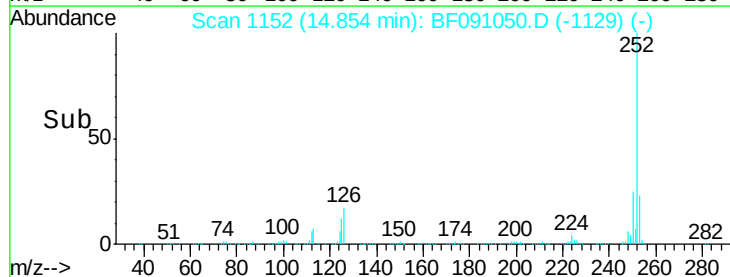
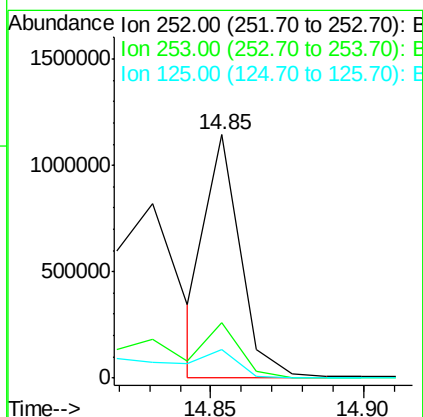
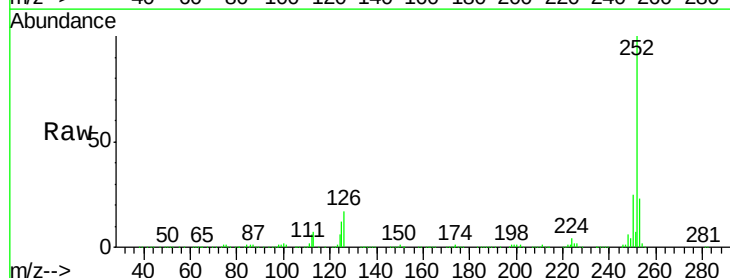
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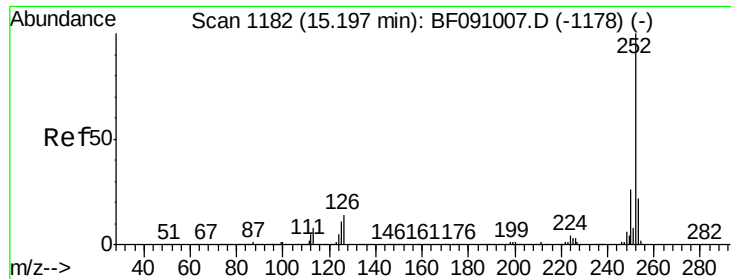
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#88
Benzo(k)fluoranthene
Concen: 38.58 ng m
RT: 14.85 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:252 Resp: 898296
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 11.8 11.2 16.8





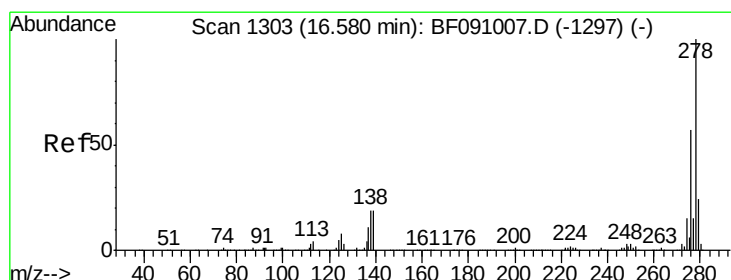
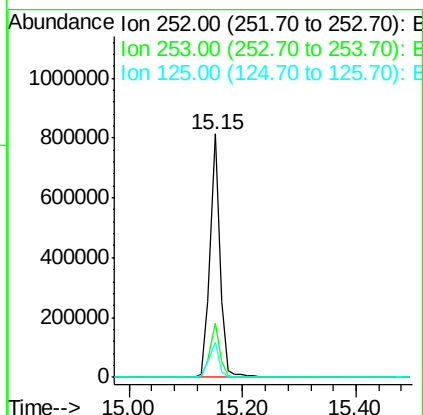
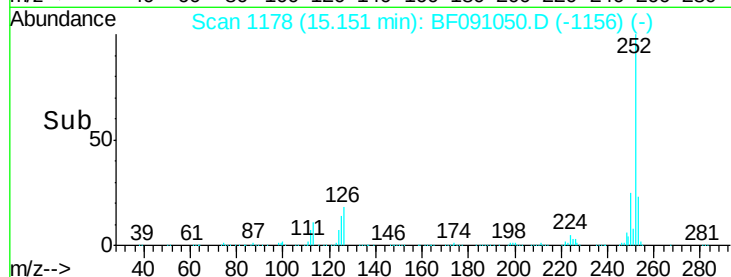
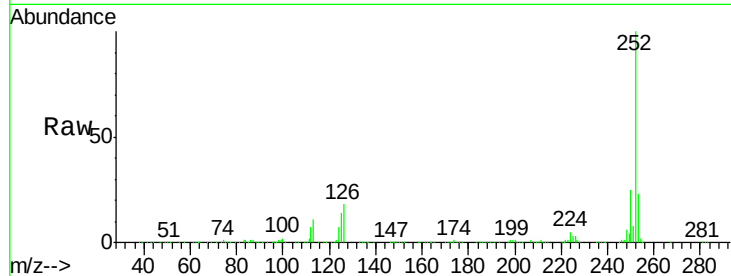
#89
Benzo(a)pyrene
Concen: 41.10 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	14.2	8.6	13.0

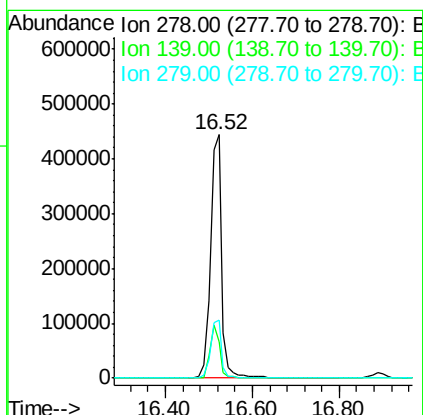
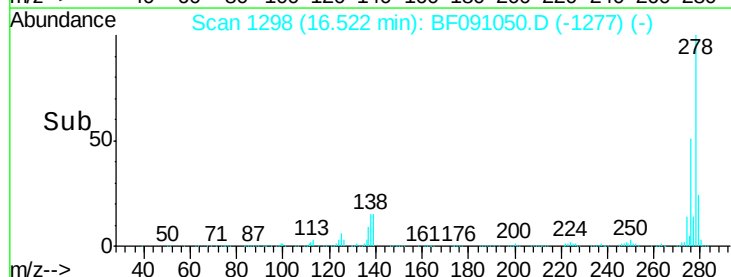
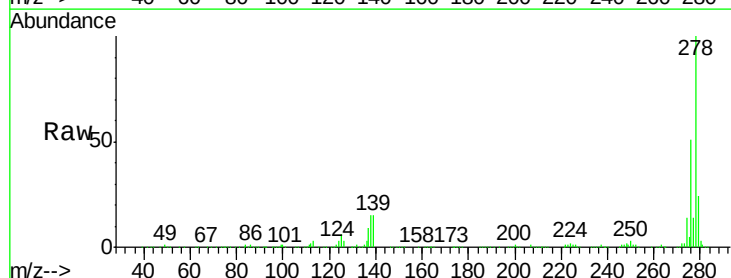
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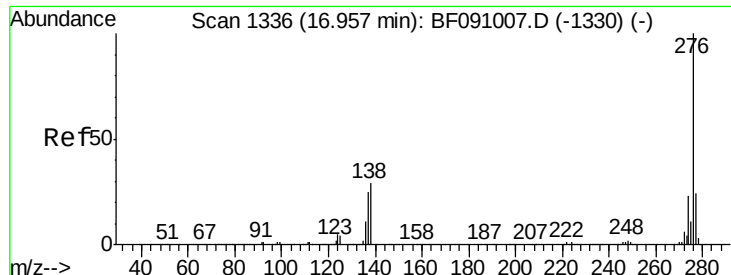
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#90
Dibenzo(a,h)anthracene
Concen: 40.30 ng
RT: 16.52 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.3	22.9
279	24.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.41 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	29.5	23.3	34.9

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