

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091875.D
 Acq On : 22 Dec 2016 10:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 12/22/2016 7:09:20 PM

Quant Time: Dec 22 16:21:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	343849	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1331420	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	755574	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1136701	20.00	ng	0.00
75) Chrysene-d12	13.91	240	839487	20.00	ng	0.00
86) Perylene-d12	15.30	264	726256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1506460	73.15	ng	0.00
7) Phenol-d6	6.41	99	1968419	78.29	ng	0.00
23) Nitrobenzene-d5	7.32	82	1715929	71.66	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	430010	68.77	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2588856	67.56	ng	0.00
78) Terphenyl-d14	12.85	244	2333750	67.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	420848	41.51	ng	97
3) Pyridine	2.98	79	1068228	30.19	ng	96
4) n-Nitrosodimethylamine	2.94	42	449453	33.67	ng	97
6) Aniline	6.42	93	1220232	37.37	ng	93
8) 2-Chlorophenol	6.53	128	879836	37.56	ng	96
9) Benzaldehyde	6.29	77	587074	41.47	ng	96
10) Phenol	6.42	94	1203063	41.99	ng	90
11) bis(2-Chloroethyl)ether	6.49	93	887862	38.95	ng	99
12) 1,3-Dichlorobenzene	6.69	146	941316	37.64	ng	99
13) 1,4-Dichlorobenzene	6.76	146	930981	36.58	ng	100
14) 1,2-Dichlorobenzene	6.92	146	868741	39.34	ng	99
15) Benzyl Alcohol	6.90	79	686011	35.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1229729	36.22	ng	91
17) 2-Methylphenol	7.02	107	683147	36.26	ng	96
18) Hexachloroethane	7.26	117	352585	37.36	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	604692	36.15	ng	99
20) 3+4-Methylphenols	7.18	107	881164	39.22	ng	# 72
22) Acetophenone	7.17	105	1282348	39.05	ng	# 94
24) Nitrobenzene	7.34	77	1027848	40.30	ng	# 83
25) Isophorone	7.58	82	1683678	38.11	ng	98
26) 2-Nitrophenol	7.65	139	466524	37.10	ng	98
27) 2,4-Dimethylphenol	7.71	122	829081	39.75	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	985033	36.77	ng	99
29) 2,4-Dichlorophenol	7.90	162	698019	39.52	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	754515	38.98	ng	99
31) Naphthalene	8.06	128	2421452	39.74	ng	98
32) Benzoic acid	7.86	122	627571	40.56	ng	96
33) 4-Chloroaniline	8.11	127	1028938	37.45	ng	98
34) Hexachlorobutadiene	8.18	225	390592	38.23	ng	100
35) Caprolactam	8.50	113	212756	36.66	ng	# 60
36) 4-Chloro-3-methylphenol	8.61	107	804617	39.59	ng	87
37) 2-Methylnaphthalene	8.75	142	1546635	40.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	667969	34.99	ng	99
40) Hexachlorocyclopentadiene	8.90	237	231726	29.88	ng	95

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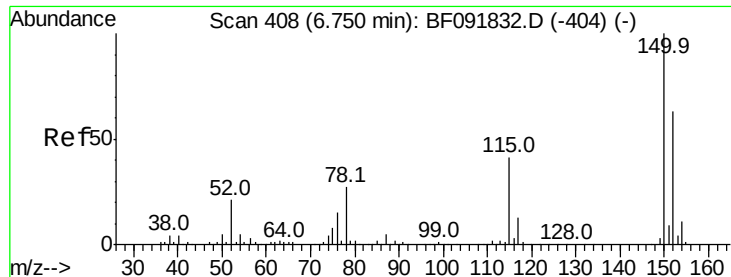
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	508529	38.09	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	463333	33.72	nq	# 85
45) 1,1'-Biphenyl	9.22	154	1958651	37.86	nq	99
46) 2-Chloronaphthalene	9.24	162	1492380	36.43	nq	99
47) 2-Nitroaniline	9.33	65	532428	36.50	nq	97
48) Acenaphthylene	9.65	152	2455298	38.97	nq	100
49) Dimethylphthalate	9.53	163	1849426	38.27	nq	99
50) 2,6-Dinitrotoluene	9.58	165	427150	40.38	nq	# 87
51) Acenaphthene	9.82	154	1548610	36.25	nq	99
52) 3-Nitroaniline	9.76	138	591719	45.20	nq	86
53) 2,4-Dinitrophenol	9.86	184	199718	33.93	nq	# 88
54) Dibenzofuran	10.00	168	2068533	35.86	nq	97
55) 4-Nitrophenol	9.93	139	341432	38.42	nq	90
56) 2,4-Dinitrotoluene	9.98	165	482234	36.32	nq	92
57) Fluorene	10.34	166	1634253	38.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	417053	38.38	nq	97
59) Diethylphthalate	10.21	149	1702573	36.28	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	635456	34.58	nq	96
61) 4-Nitroaniline	10.36	138	513879	37.88	nq	95
62) Azobenzene	10.49	77	1897047	36.71	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	296892	43.19	nq	82
65) n-Nitrosodiphenylamine	10.45	169	1434158	42.52	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	467660	39.55	nq	91
67) Hexachlorobenzene	10.89	284	496407	39.28	nq	# 87
68) Atrazine	10.98	200	354188	32.55	nq	99
69) Pentachlorophenol	11.08	266	261013	42.09	nq	99
70) Phenanthrene	11.29	178	2303251	37.37	nq	99
71) Anthracene	11.34	178	2251376	39.53	nq	99
72) Carbazole	11.50	167	2223870	42.93	nq	100
73) Di-n-butylphthalate	11.84	149	2350147	39.76	nq	99
74) Fluoranthene	12.48	202	2194440	40.17	nq	100
76) Benzidine	12.60	184	710741	30.72	nq	100
77) Pyrene	12.71	202	2313696	37.56	nq	100
79) Butylbenzylphthalate	13.33	149	1156273	41.28	nq	# 83
80) Benzo(a)anthracene	13.89	228	1655615	34.94	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	643427	35.81	nq	# 98
82) Chrysene	13.93	228	1662398	34.97	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1225535	37.15	nq	# 97
84) Di-n-octyl phthalate	14.50	149	2355156	38.54	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1573086	38.20	nq	96
87) Benzo(b)fluoranthene	14.91	252	1955579m	43.25	nq	
88) Benzo(k)fluoranthene	14.93	252	1238807m	32.13	nq	
89) Benzo(a)pyrene	15.24	252	1506628	37.54	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1327389	40.24	nq	97
91) Benzo(g,h,i)perylene	17.04	276	1352280	39.43	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 343849

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

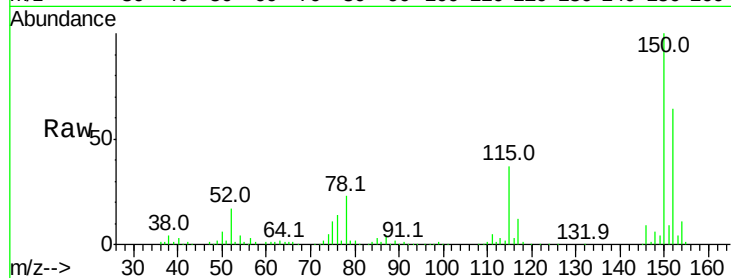
115 58.2 46.0 69.0

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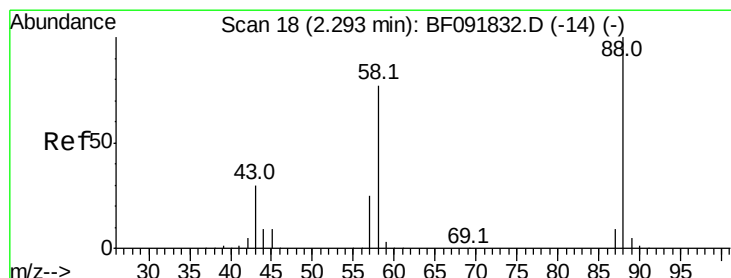
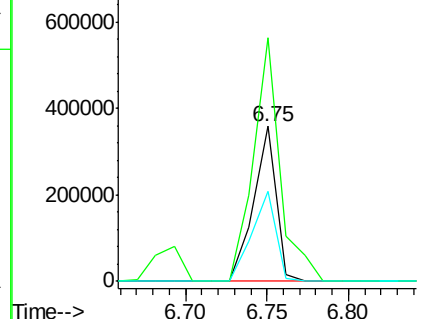
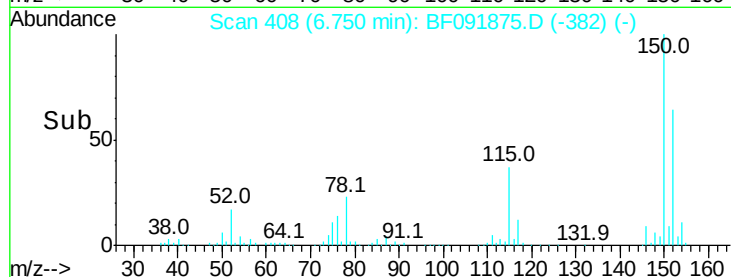
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.51 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

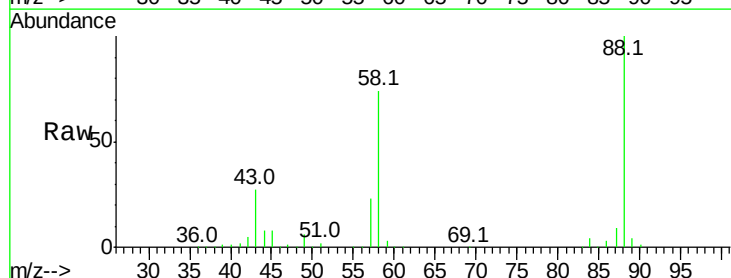
Tgt Ion: 88 Resp: 420848

Ion Ratio Lower Upper

88 100

58 74.3 57.8 86.8

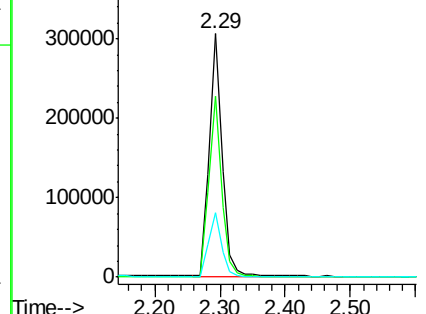
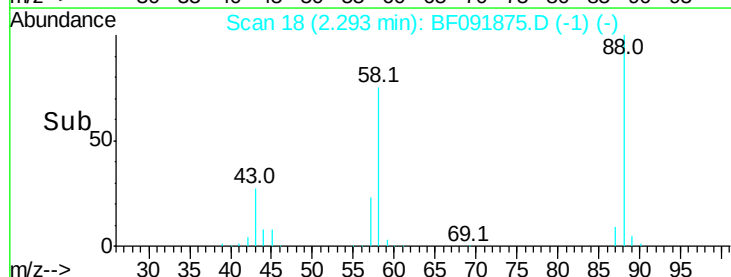
43 26.1 22.3 33.5

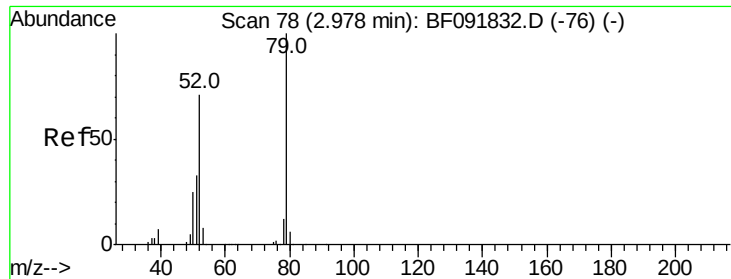


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





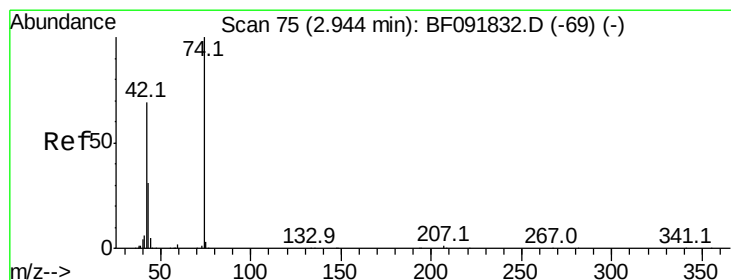
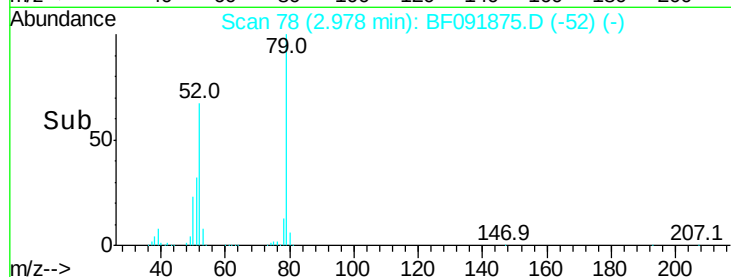
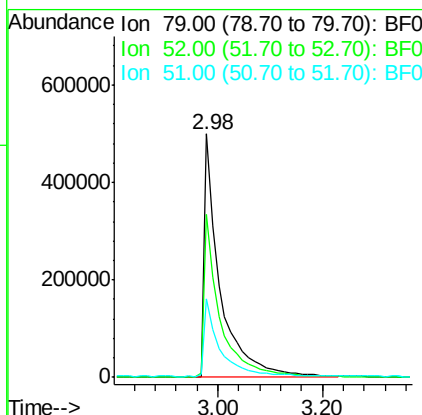
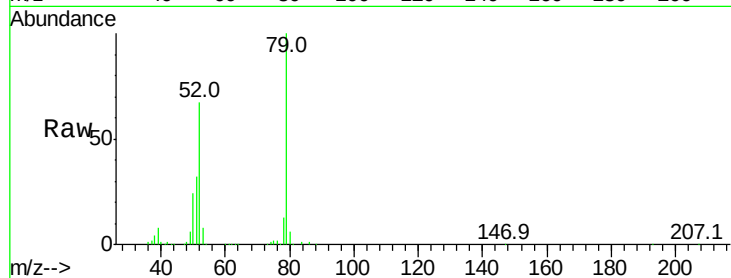
#3
Pvridine
Concen: 30.19 ng
RT: 2.98 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 79 Resp: 1068228
Ion Ratio Lower Upper
79 100
52 67.2 57.1 85.7
51 32.4 27.3 40.9

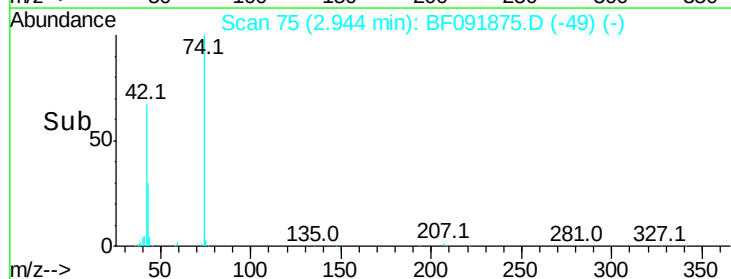
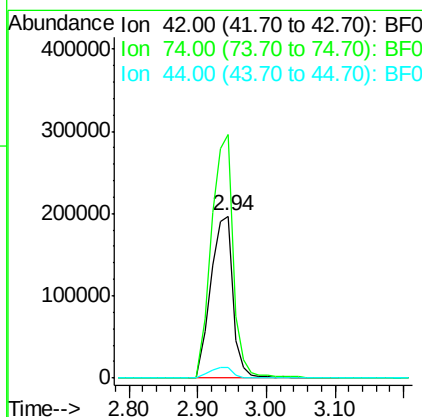
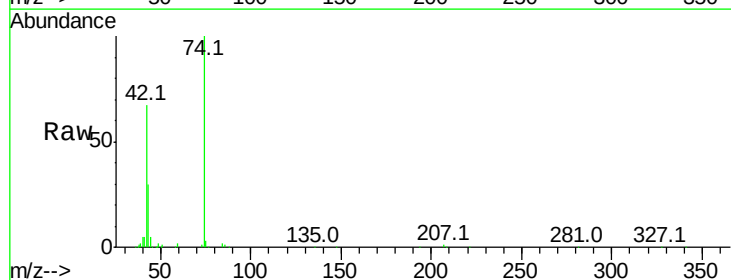
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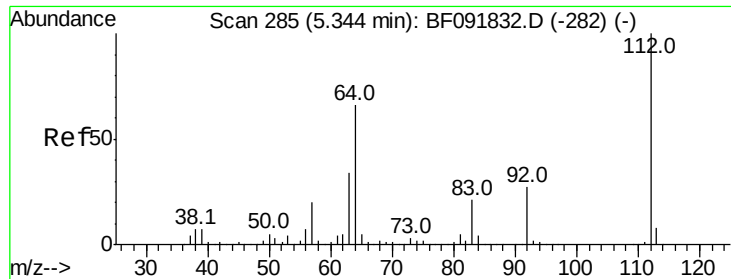
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#4
n-Nitrosodimethylamine
Concen: 33.67 ng
RT: 2.94 min Scan# 75
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion: 42 Resp: 449453
Ion Ratio Lower Upper
42 100
74 150.1 117.0 175.4
44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 73.15 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1506460

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

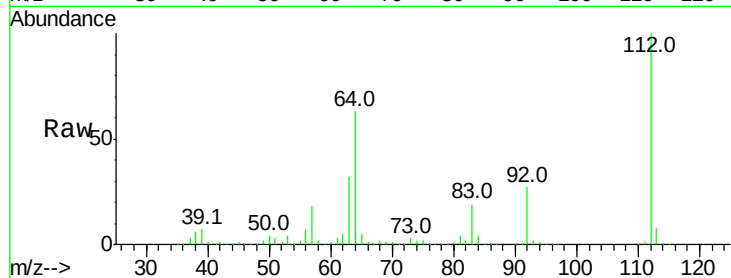
63 31.9 23.8 35.6

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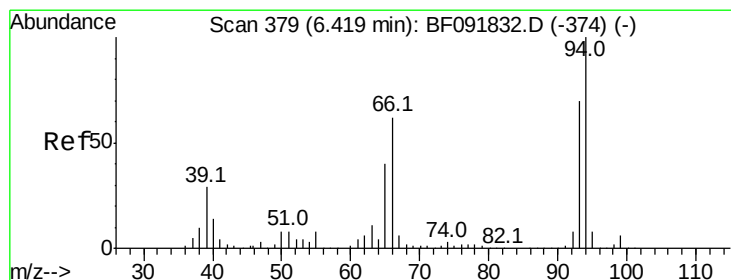
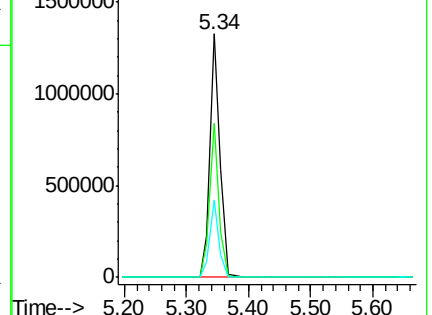
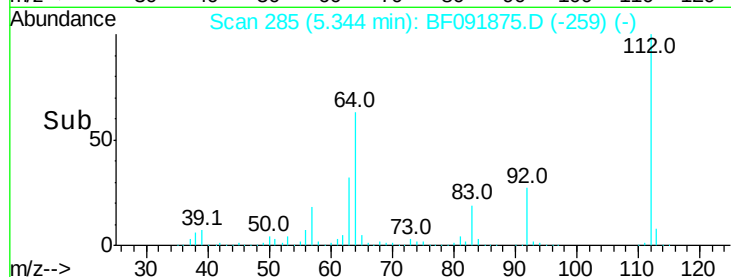
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.37 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

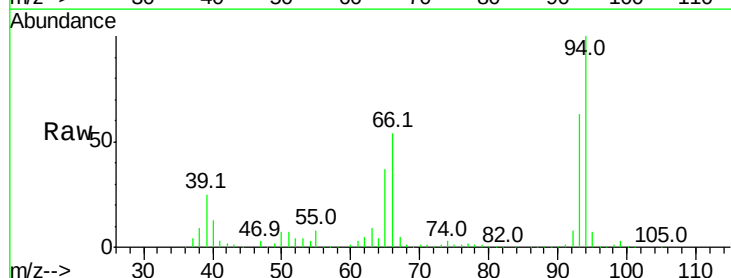
Tgt Ion: 93 Resp: 1220232

Ion Ratio Lower Upper

93 100

66 86.6 76.2 114.2

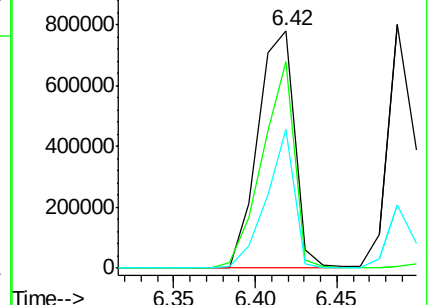
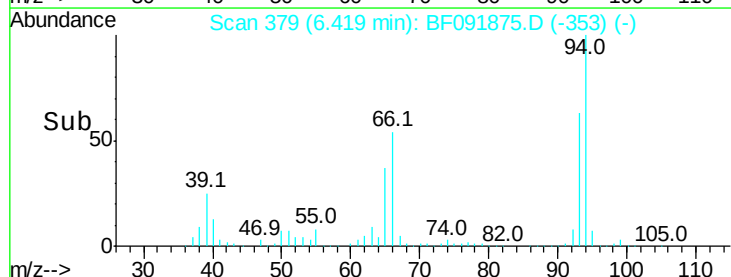
65 58.5 49.3 73.9

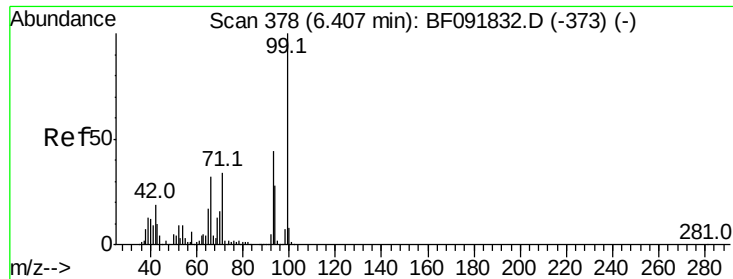


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.29 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1968419

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

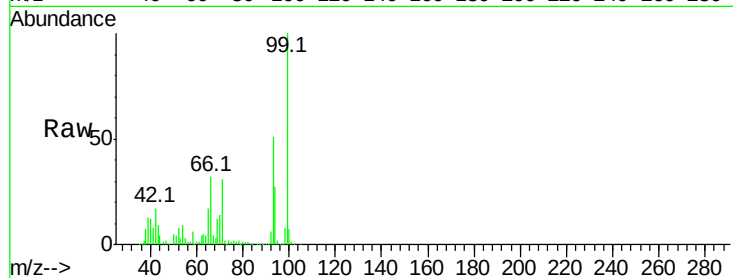
71 30.9 27.5 41.3

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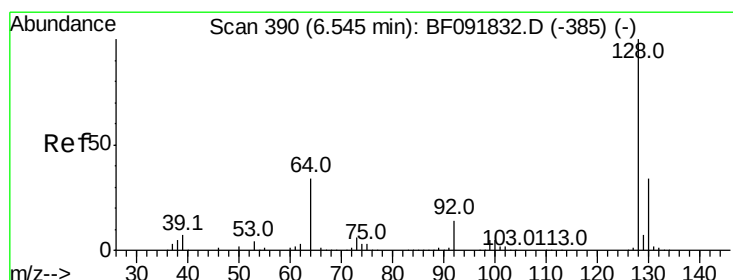
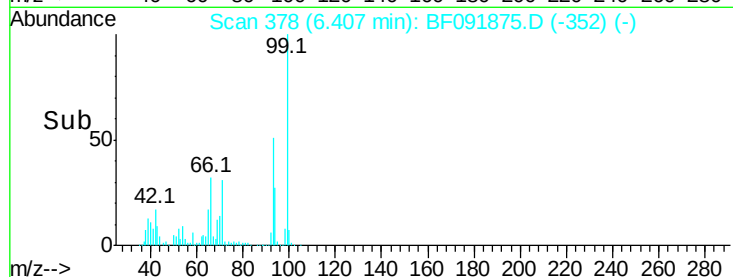
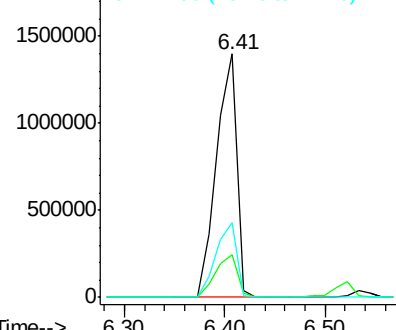
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.56 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

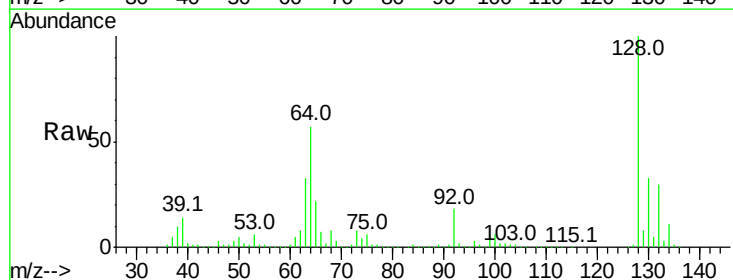
Tgt Ion: 128 Resp: 879836

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

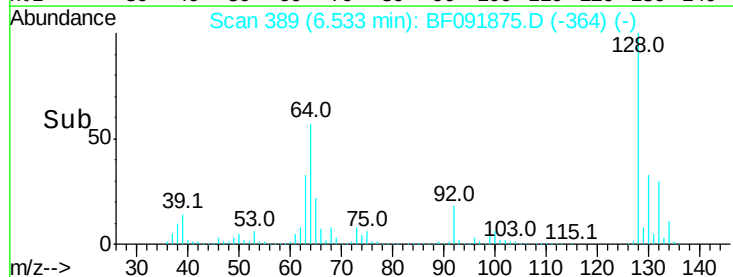
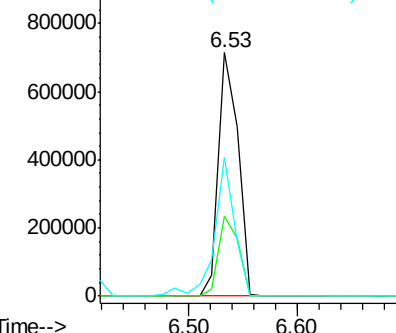
64 56.8 32.2 72.2

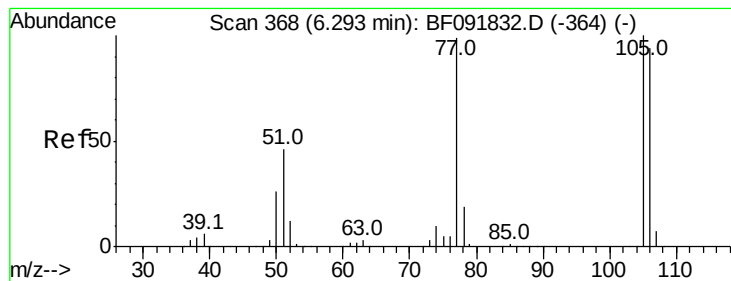


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.47 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

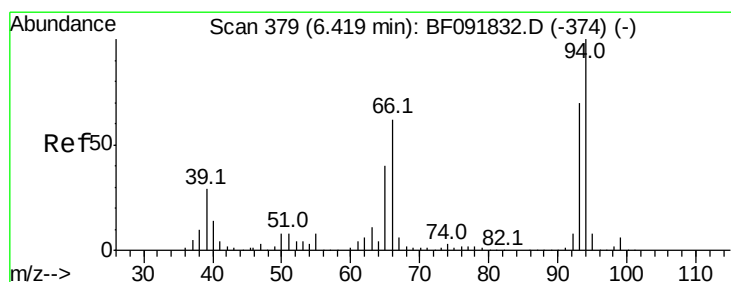
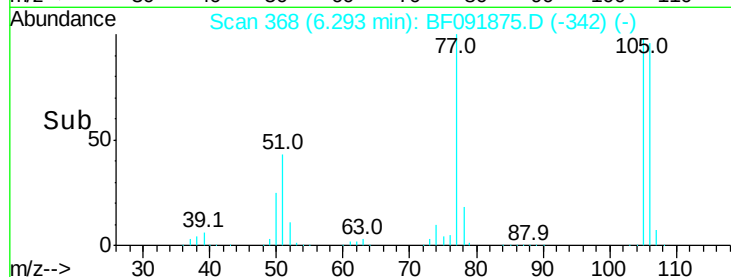
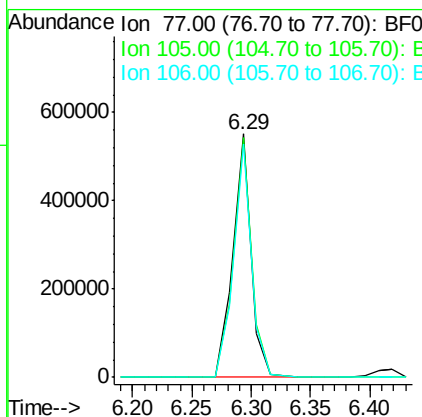
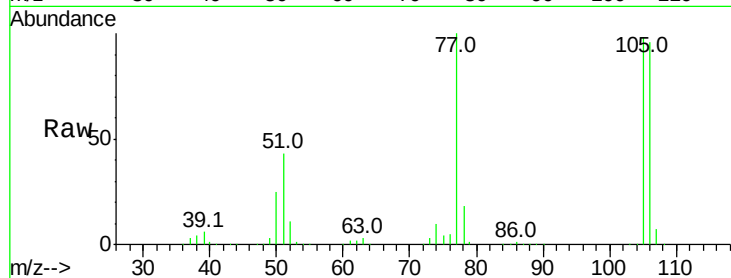
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	587074
Ion Ratio	Lower	Upper	
77	100		
105	98.3	83.9	123.9
106	95.8	77.6	117.6

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#10

Phenol

Concen: 41.99 ng

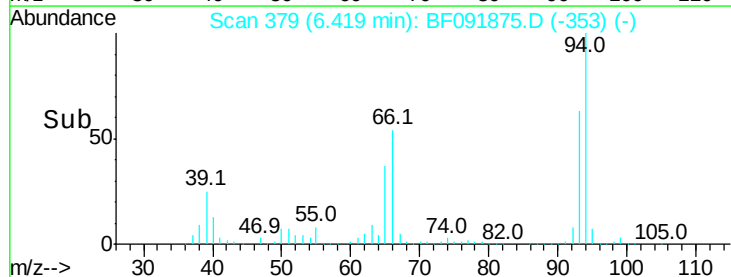
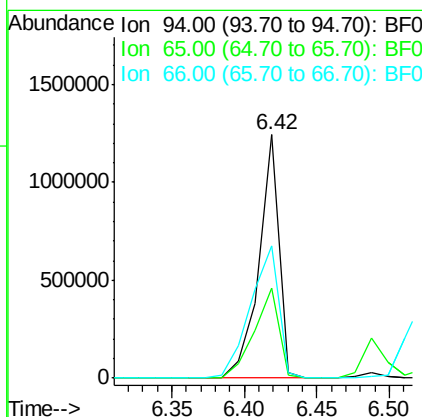
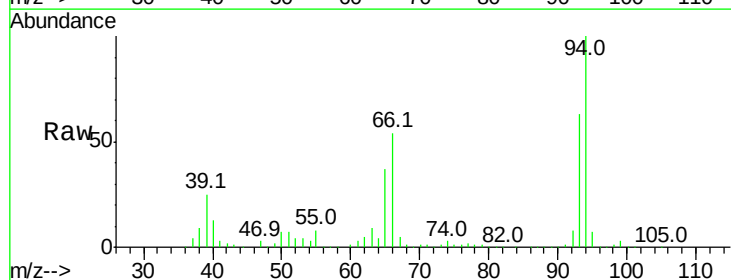
RT: 6.42 min Scan# 379

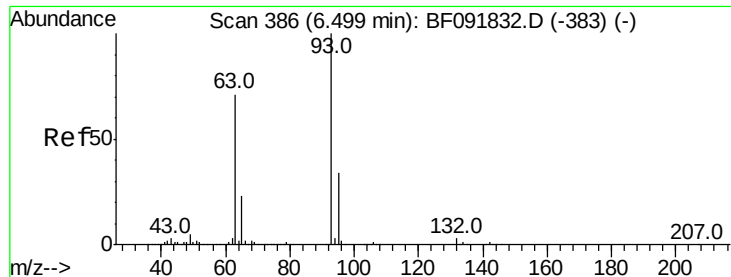
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:	94	Resp:	1203063
Ion Ratio	Lower	Upper	
94	100		
65	36.8	21.4	61.4
66	54.5	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.95 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

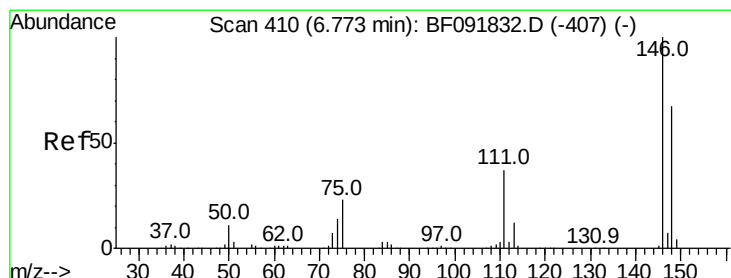
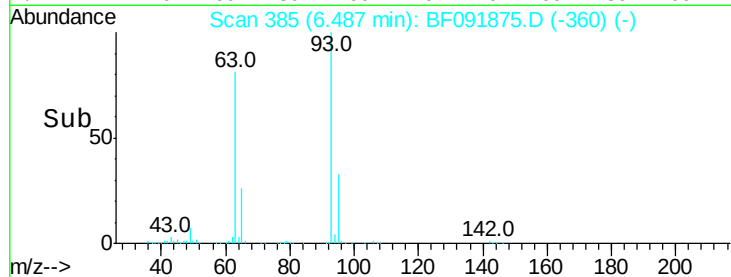
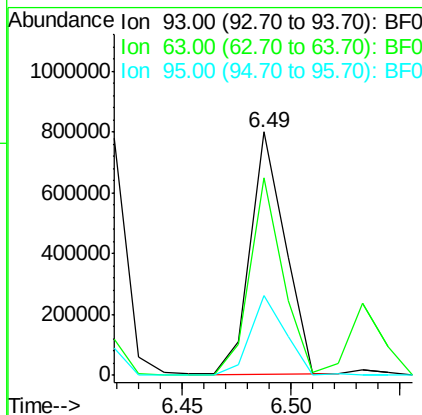
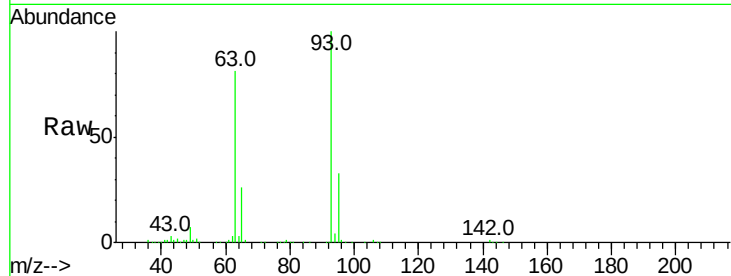
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	887862
Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.4	100.4
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.64 ng

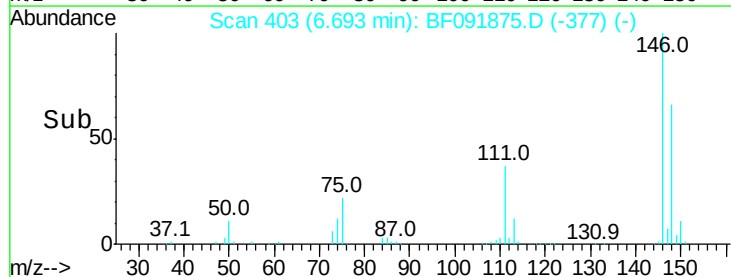
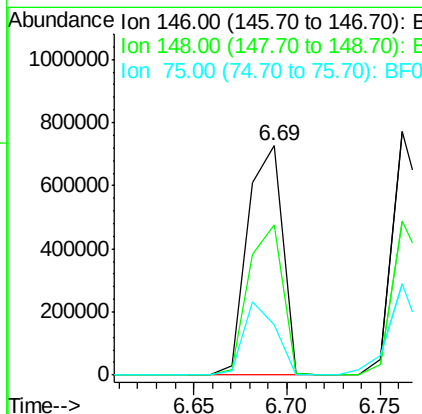
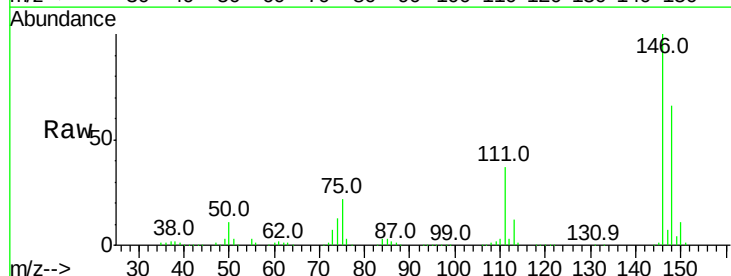
RT: 6.69 min Scan# 403

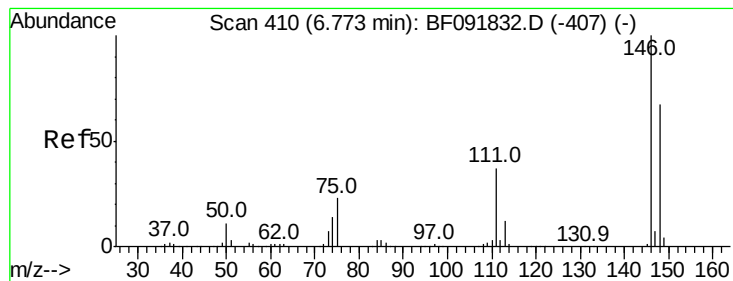
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:	146	Resp:	941316
Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.0
75	22.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 36.58 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

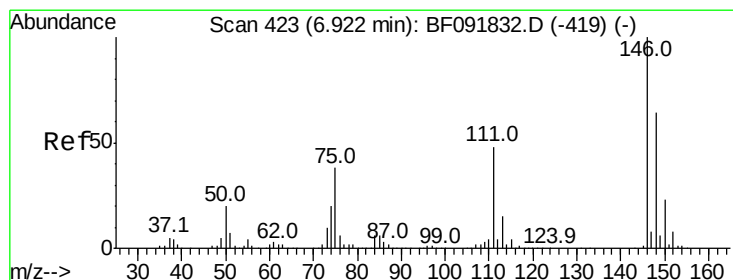
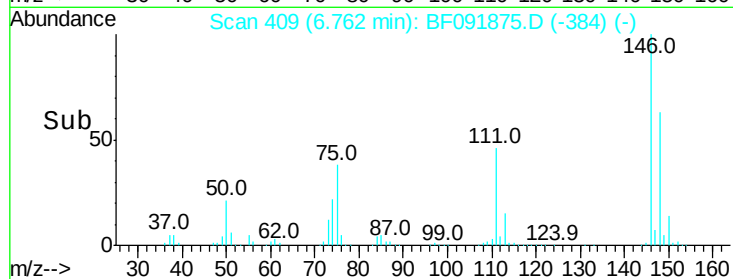
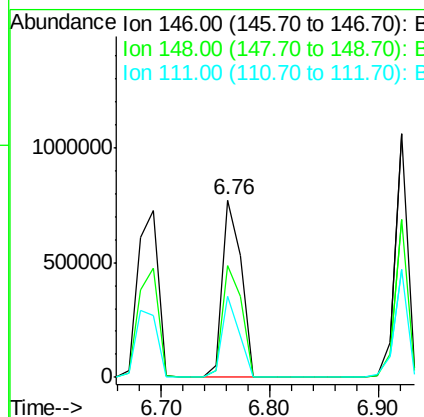
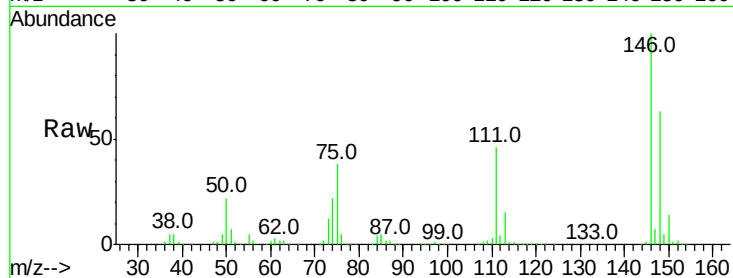
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	930981
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	45.5	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.34 ng

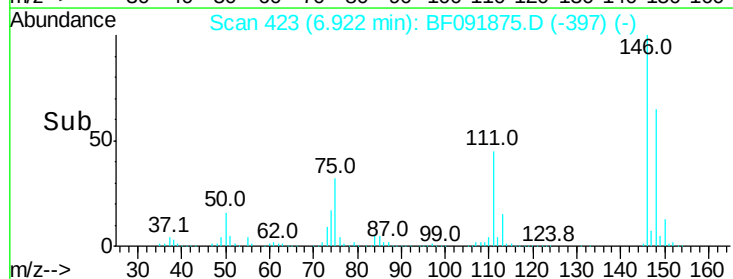
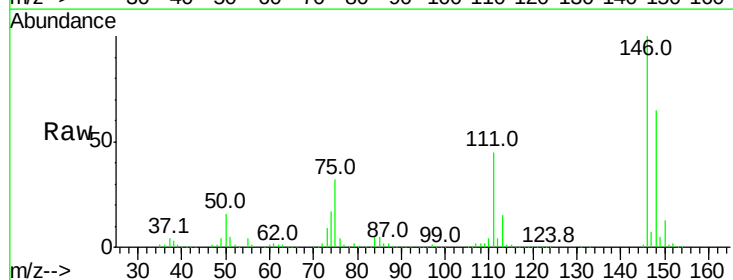
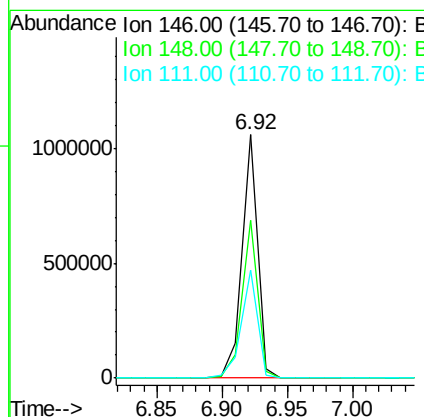
RT: 6.92 min Scan# 423

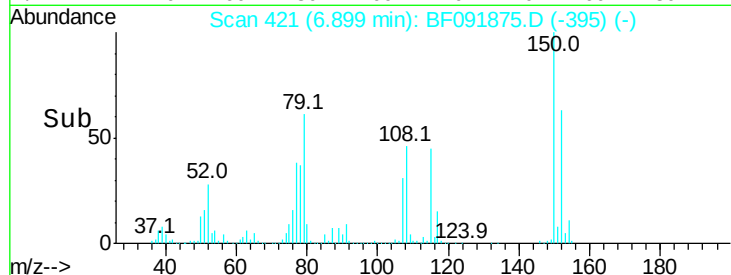
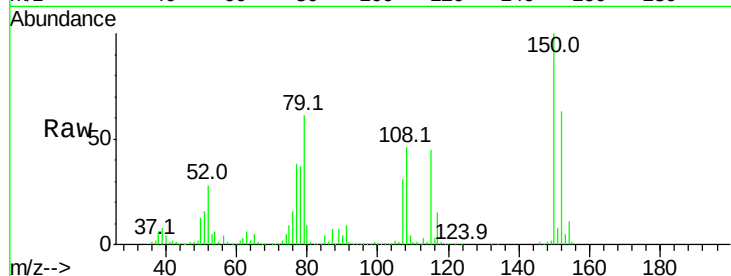
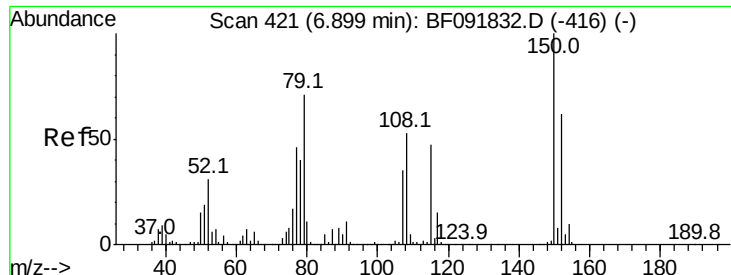
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:	146	Resp:	868741
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	44.6	36.2	54.2





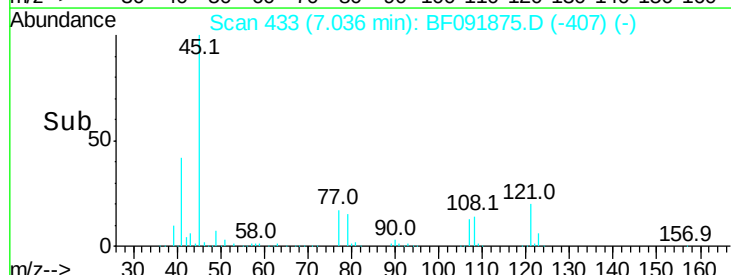
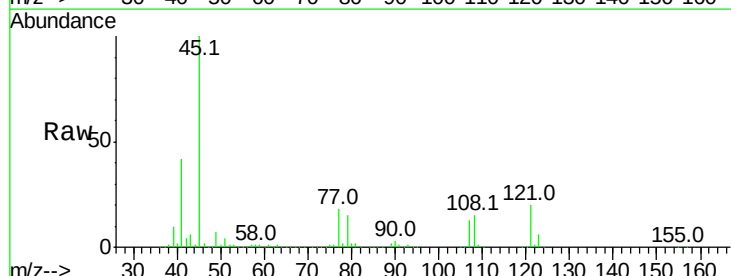
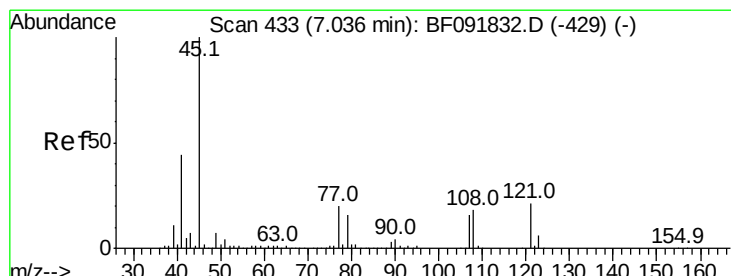
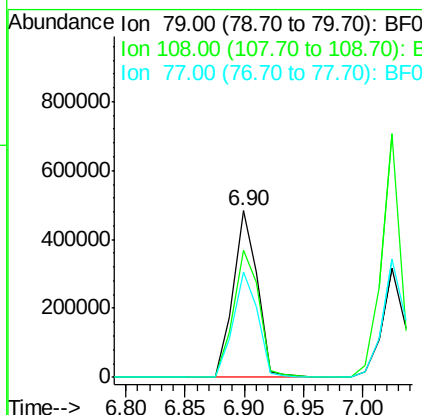
#15
Benzyl Alcohol
Concen: 35.12 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.1	61.4	92.0	
77	63.4	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

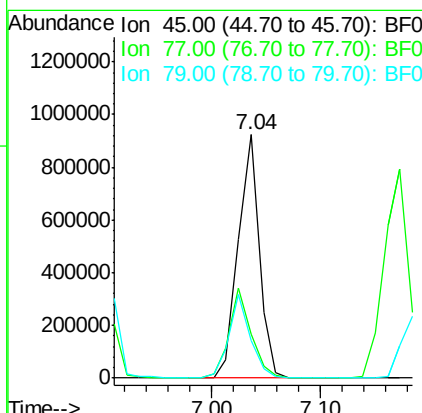
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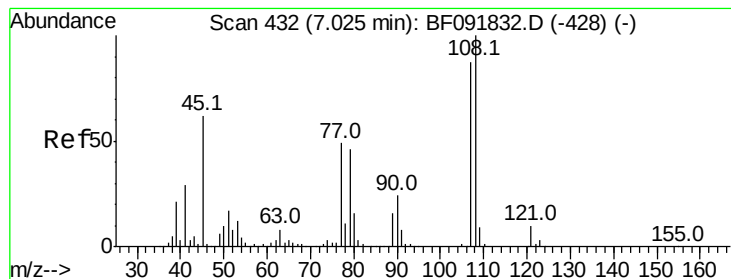
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.22 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.0	0.0	34.6	
79	15.3	0.0	31.2	





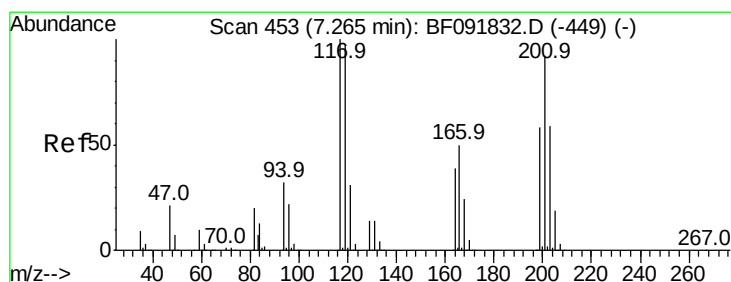
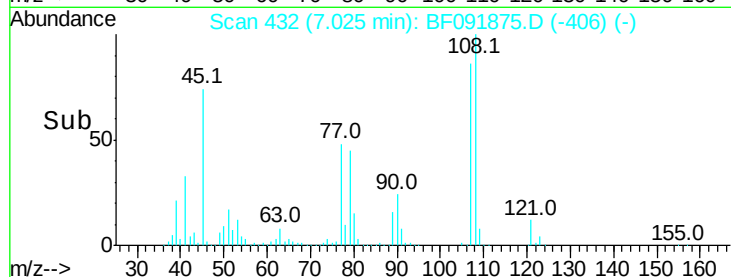
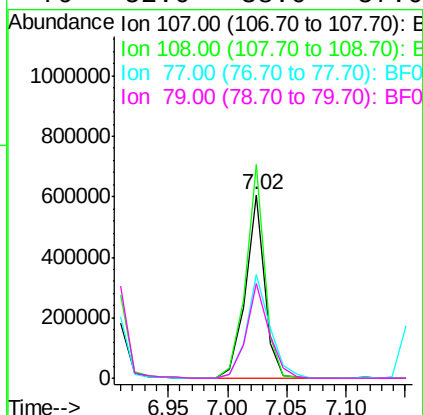
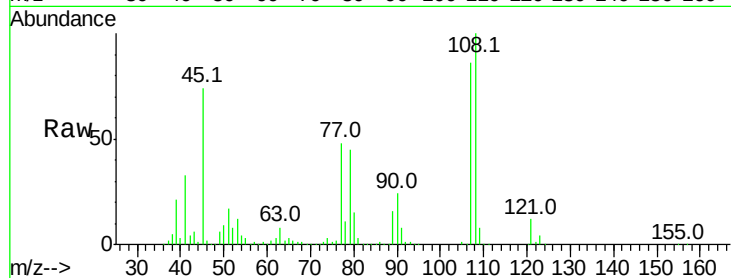
#17
2-Methylphenol
Concen: 36.26 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	93.0	139.6	
77	56.4	39.8	59.8	
79	52.0	38.0	57.0	

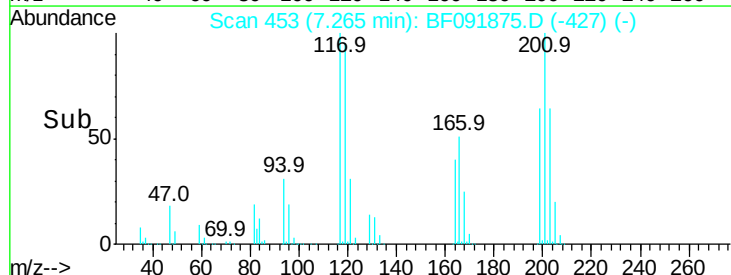
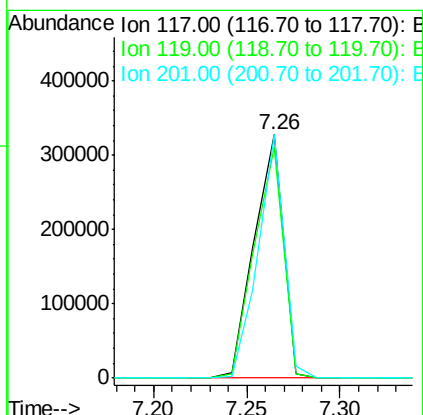
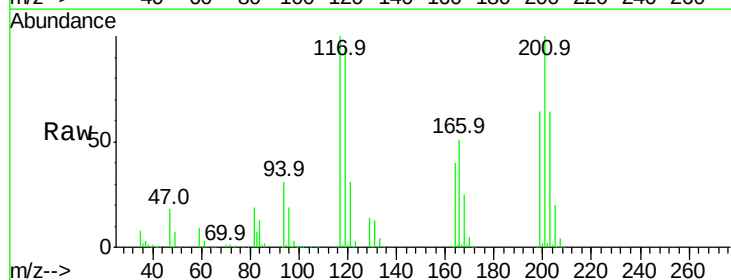
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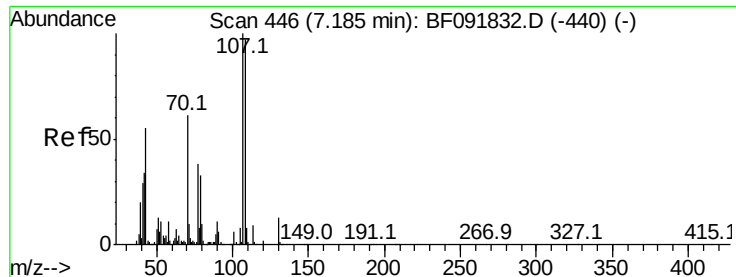
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#18
Hexachloroethane
Concen: 37.36 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.1	117.1	
201	100.2	78.6	117.8	





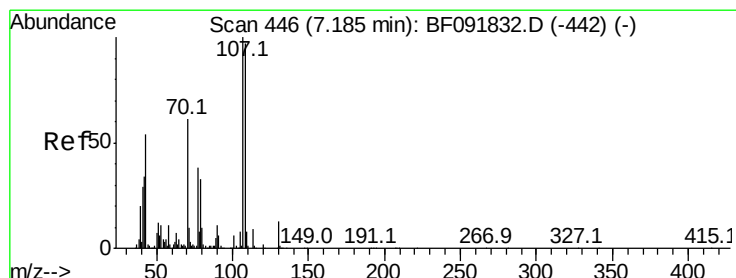
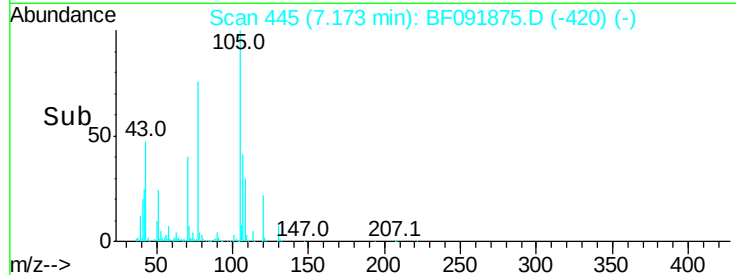
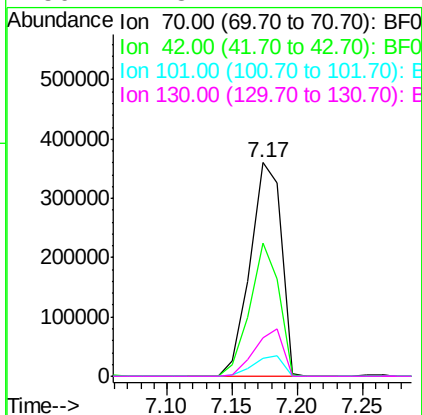
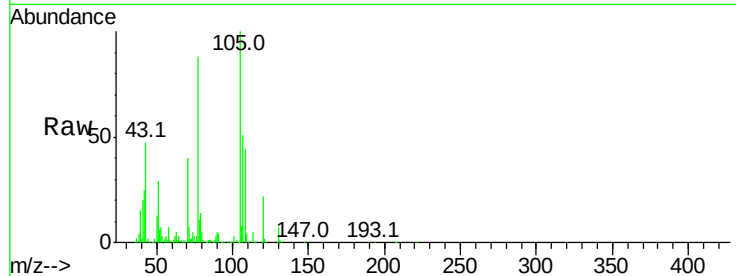
#19
n-Nitroso-di-n-propylamine
Concen: 36.15 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.3	49.4	74.0		
101	8.6	7.4	11.2		
130	17.8	14.2	21.4		

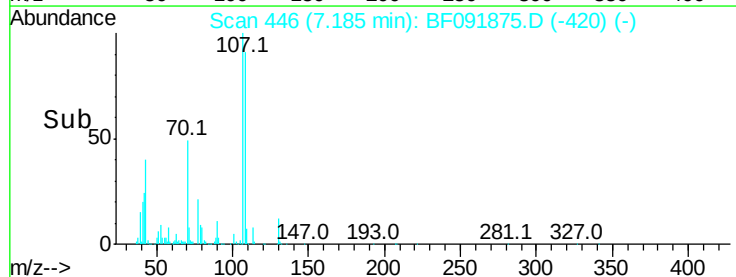
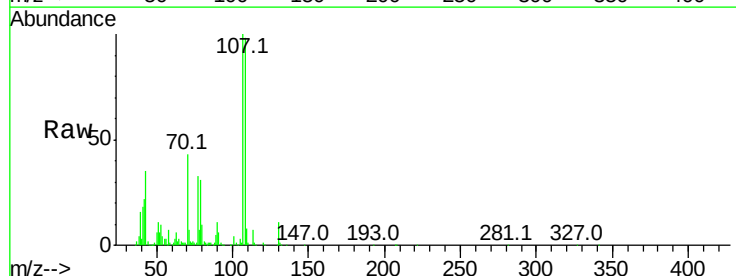
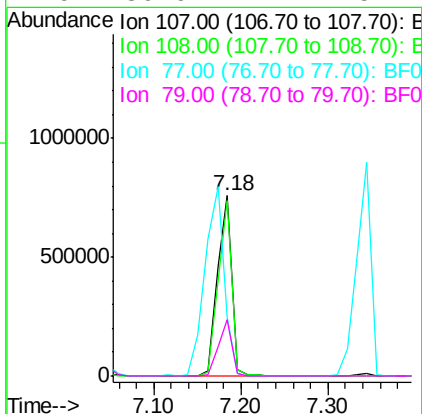
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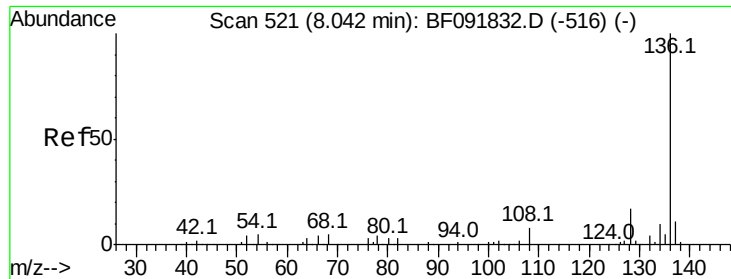
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#20
3+4-Methylphenols
Concen: 39.22 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	97.6	73.0	113.0		
77	32.7	71.3	111.3#		
79	30.9	11.1	51.1		





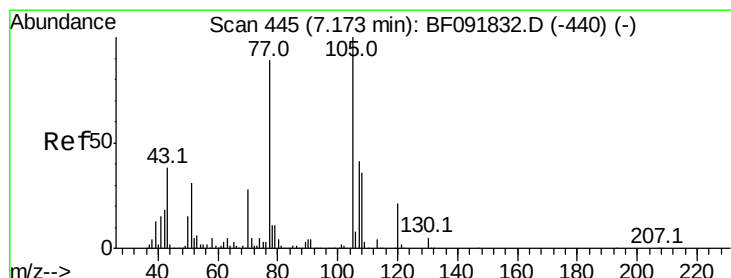
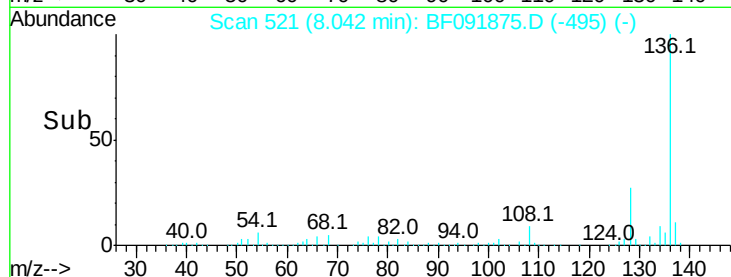
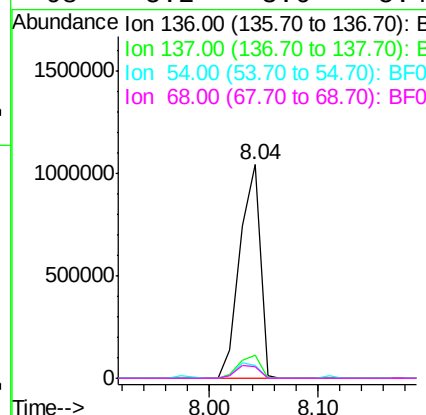
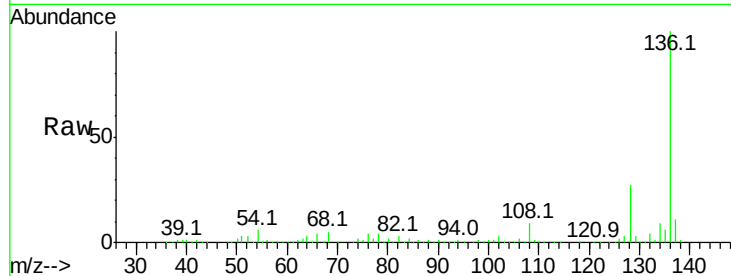
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	136	Resp	1331420
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	5.8	4.5	6.7
68	5.2	3.6	5.4

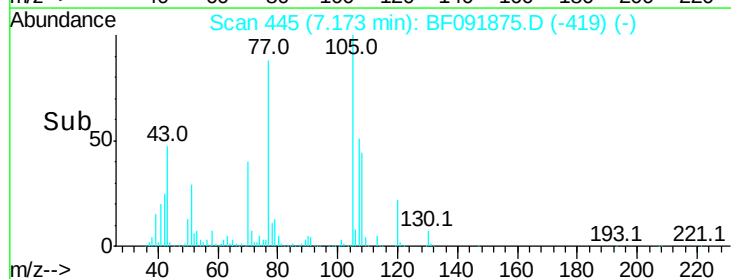
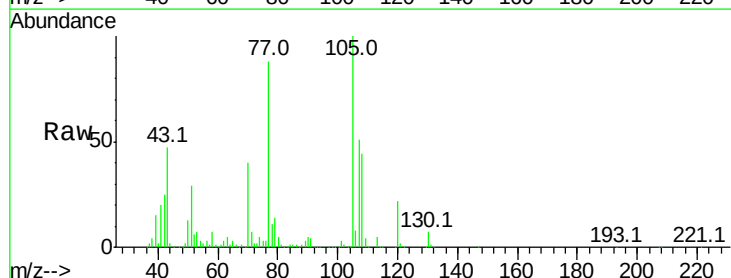
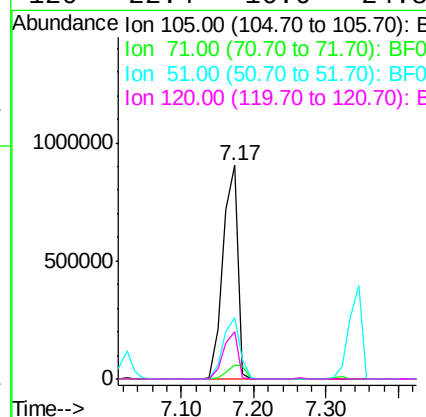
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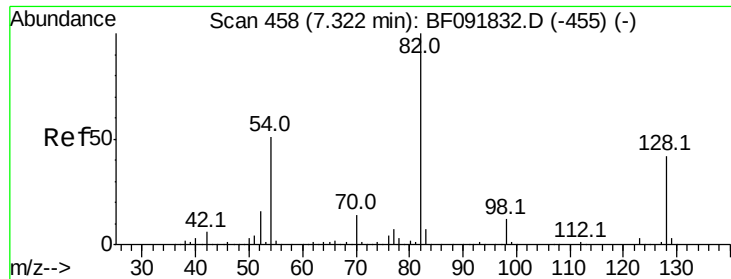
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#22
Acetophenone
Concen: 39.05 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	105	Resp	1282348
Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.2	4.8#
51	28.7	26.2	39.4
120	22.4	16.6	24.8





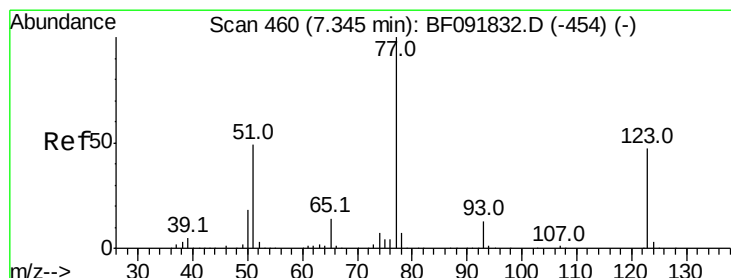
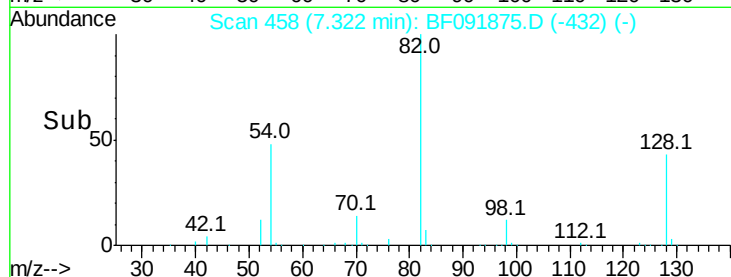
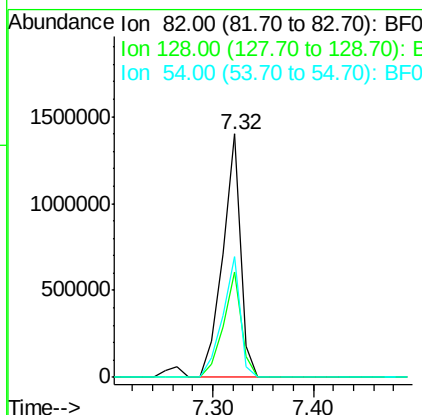
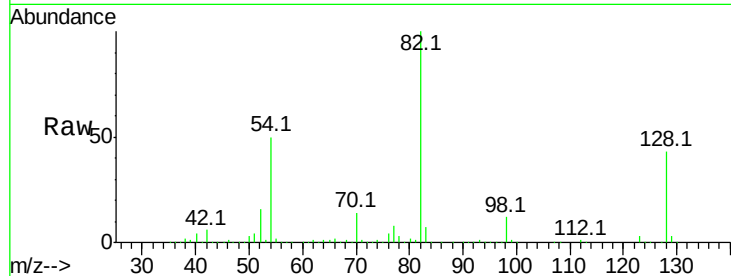
#23
 Nitrobenzene-d5
 Concen: 71.66 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	49.8	39.5	59.3

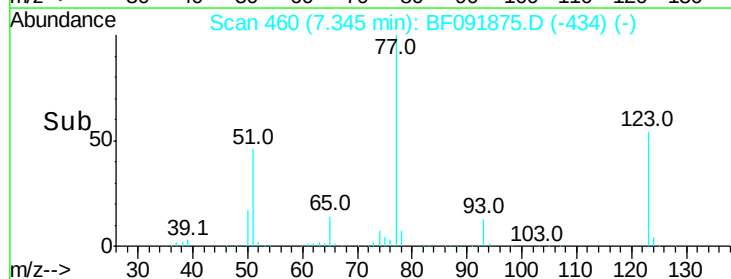
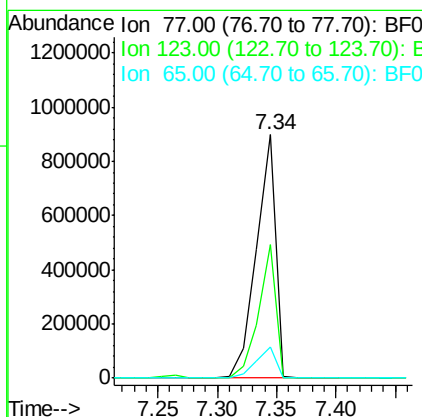
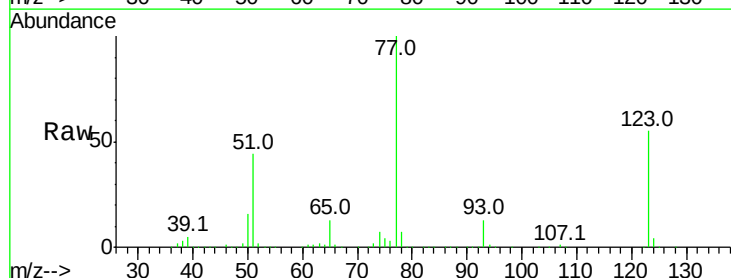
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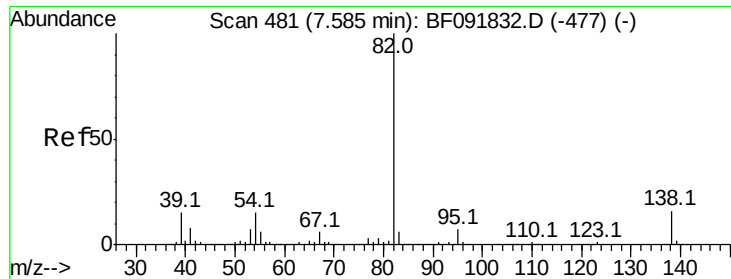
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#24
 Nitrobenzene
 Concen: 40.30 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.6	33.0	49.4#
65	12.9	11.2	16.8





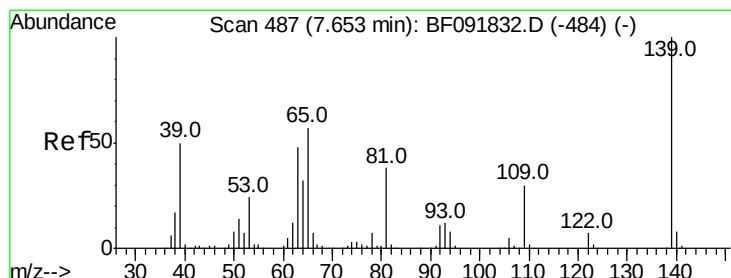
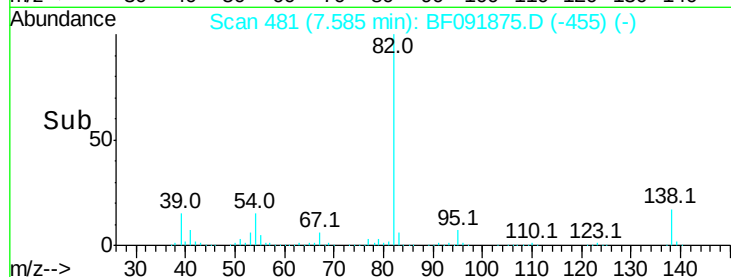
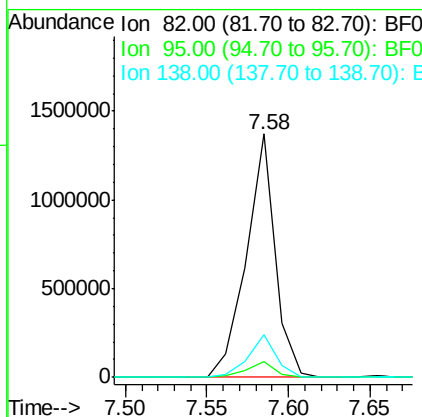
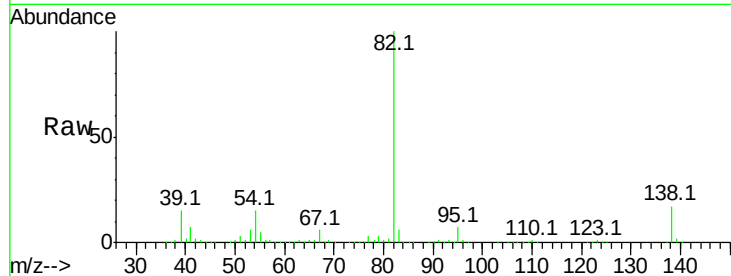
#25
Isophorone
Concen: 38.11 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1683678
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.3 14.6 22.0

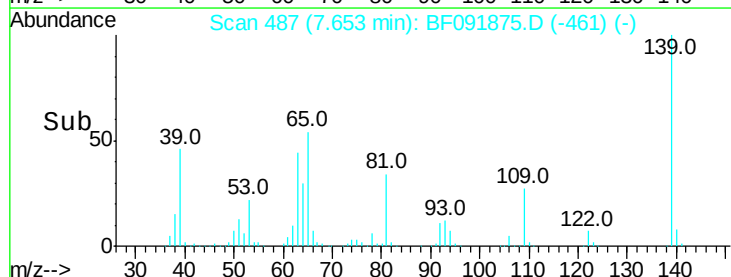
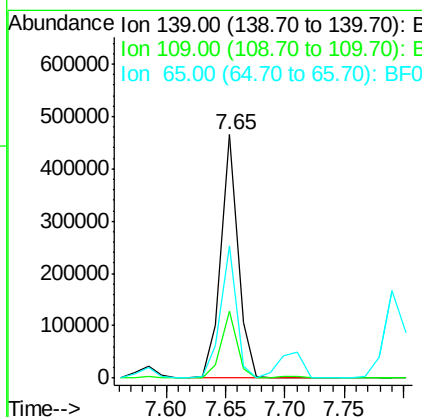
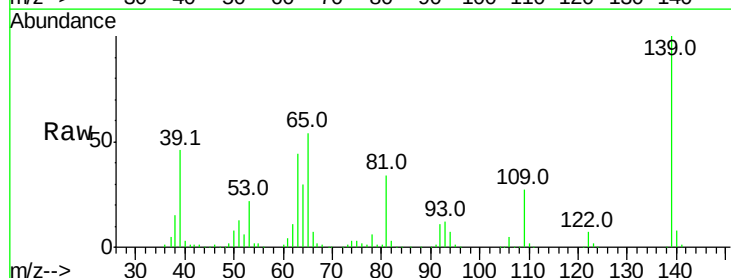
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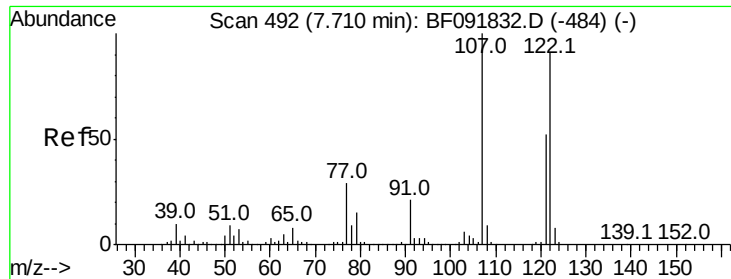
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#26
2-Nitrophenol
Concen: 37.10 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:139 Resp: 466524
Ion Ratio Lower Upper
139 100
109 27.3 23.3 34.9
65 54.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 39.75 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

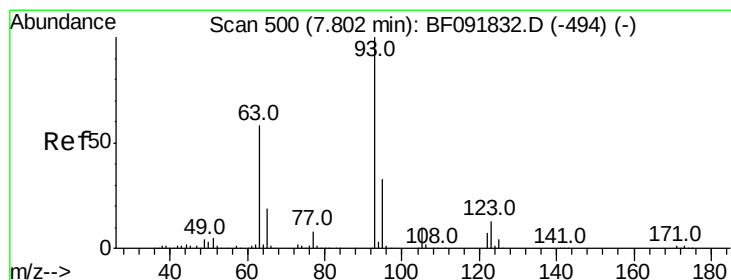
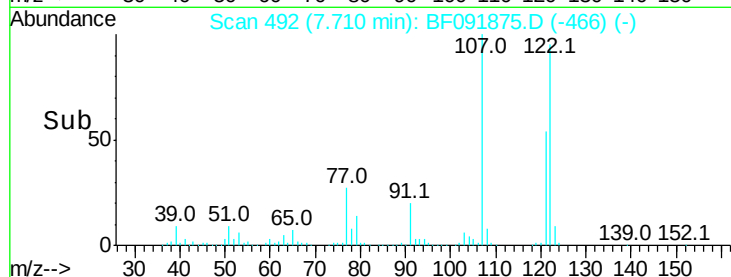
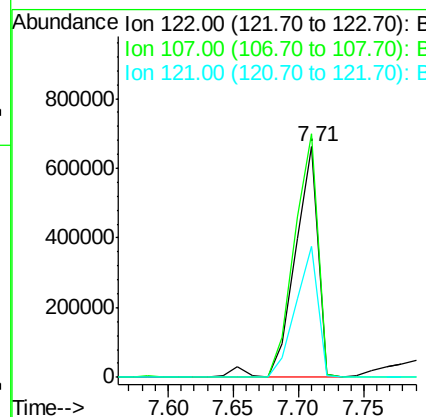
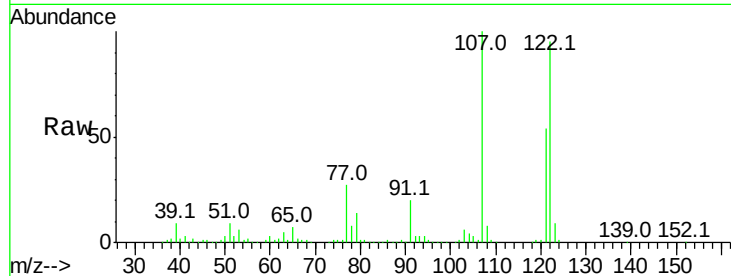
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	829081
Ion Ratio	Lower	Upper	
122	100		
107	105.8	94.1	141.1
121	56.9	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 36.77 ng

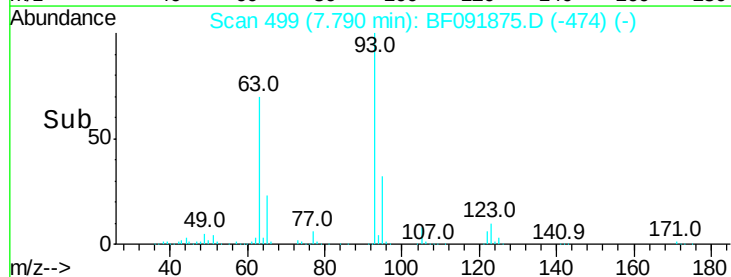
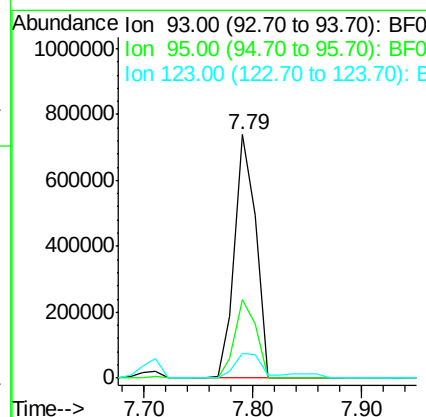
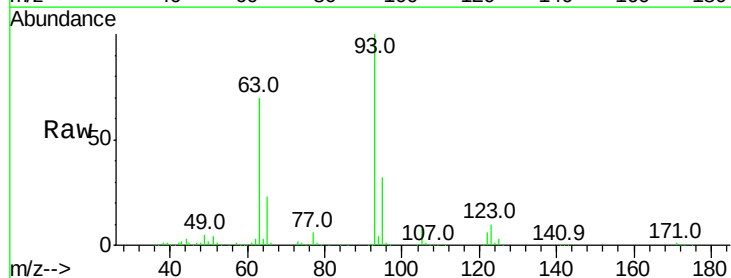
RT: 7.79 min Scan# 499

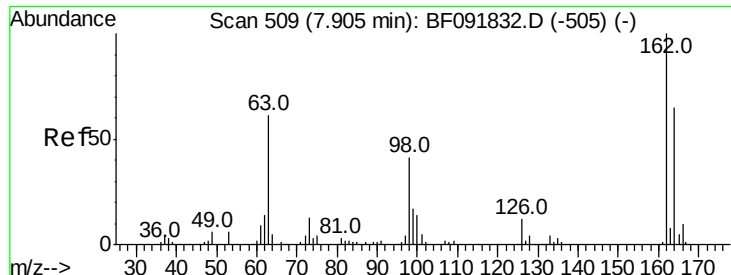
Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:	93	Resp:	985033
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	10.2	8.6	13.0





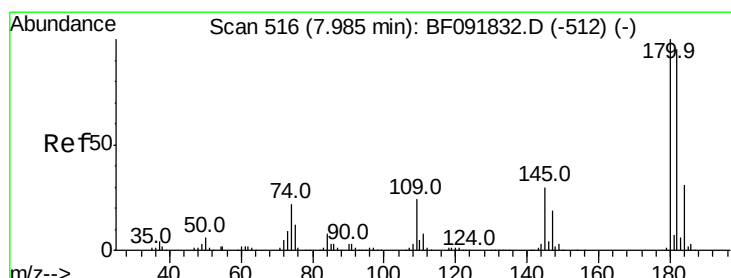
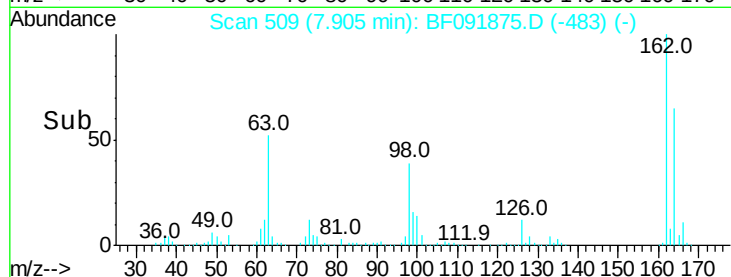
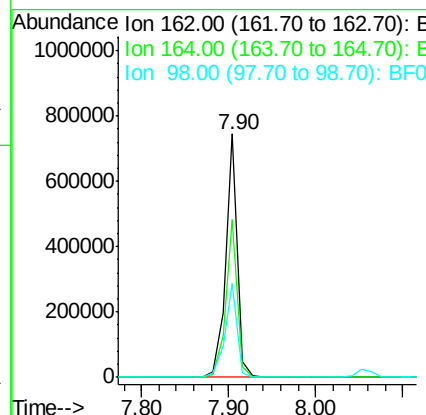
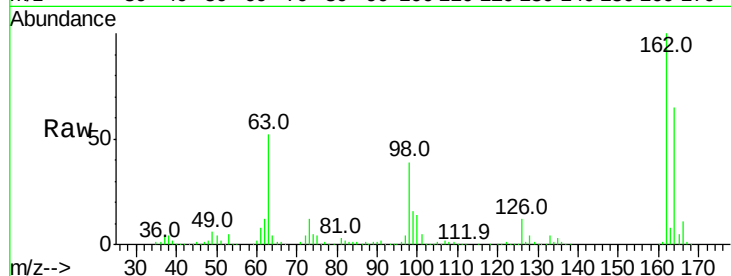
#29
 2,4-Dichlorophenol
 Concen: 39.52 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	46.8	86.8
98	38.5	9.1	49.1

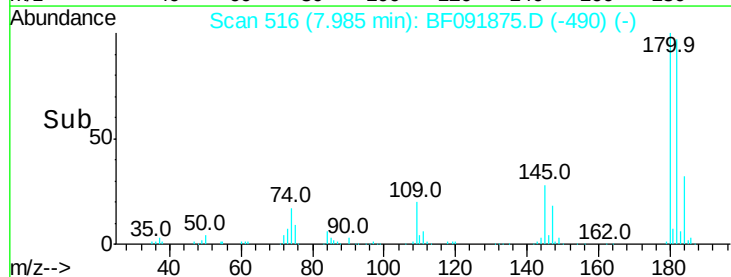
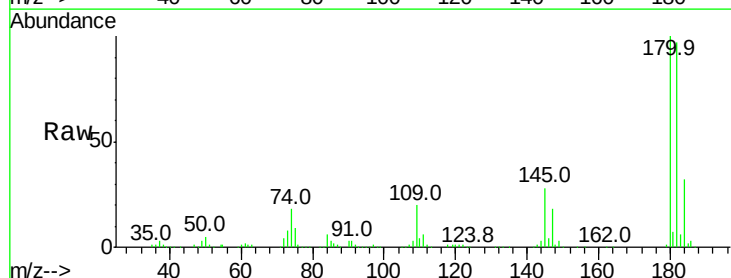
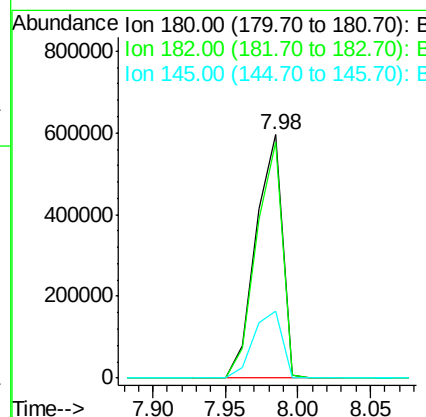
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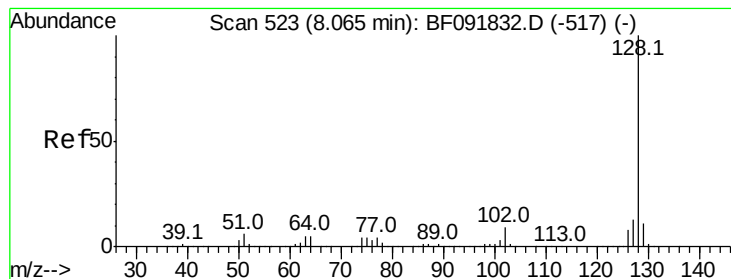
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.98 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	78.2	117.4
145	27.7	21.6	32.4





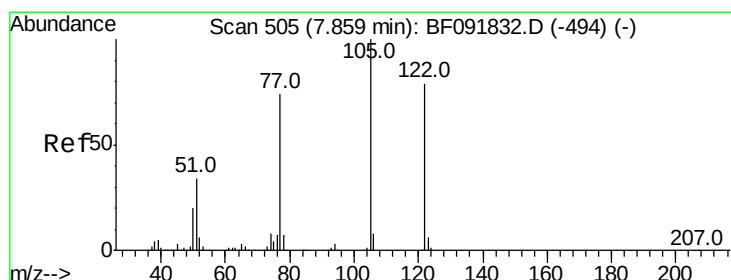
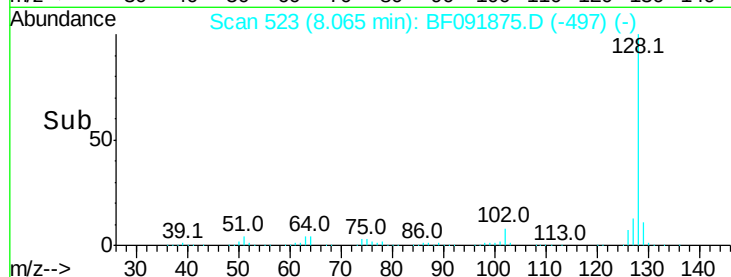
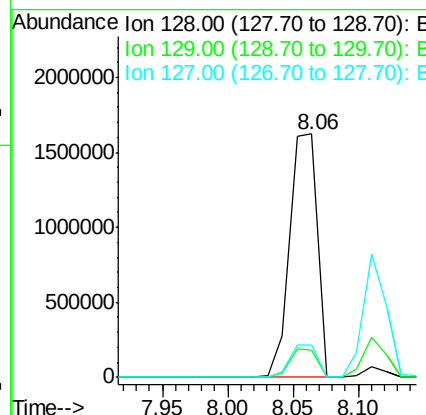
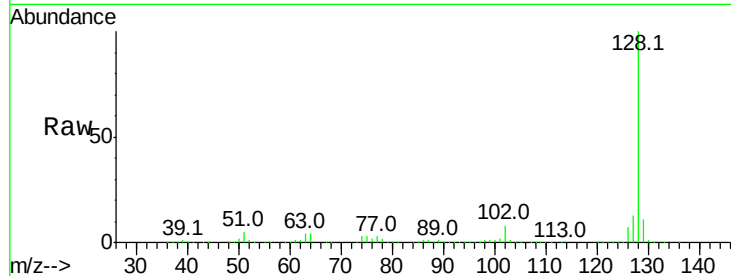
#31
Naphthalene
Concen: 39.74 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2421452
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.1 10.8 16.2

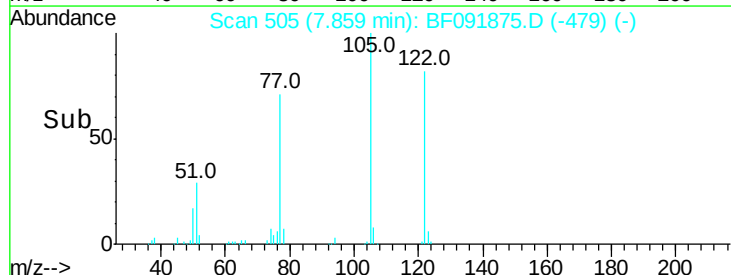
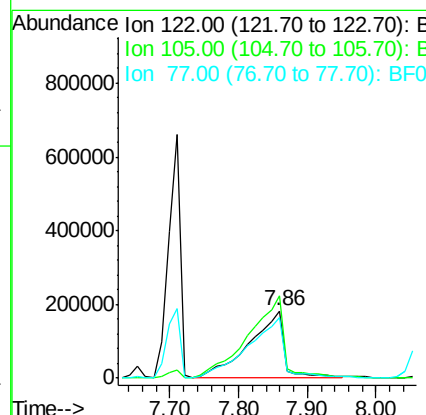
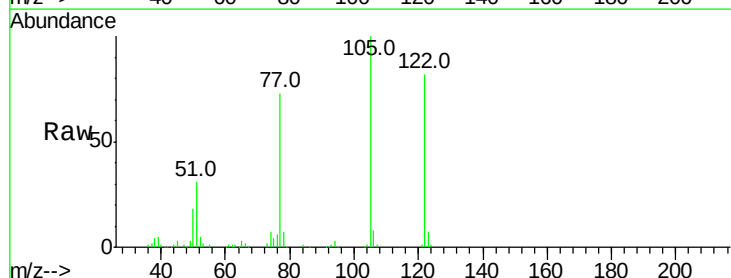
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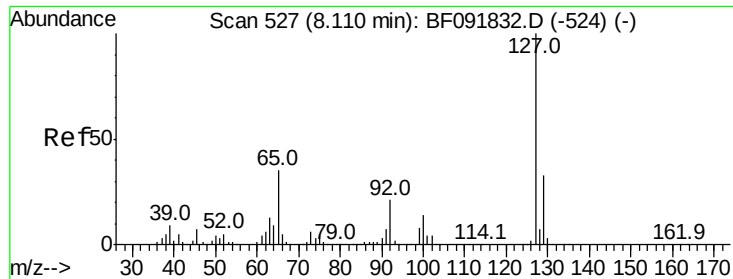
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#32
Benzoic acid
Concen: 40.56 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:122 Resp: 627571
Ion Ratio Lower Upper
122 100
105 122.6 107.2 147.2
77 89.6 74.5 114.5





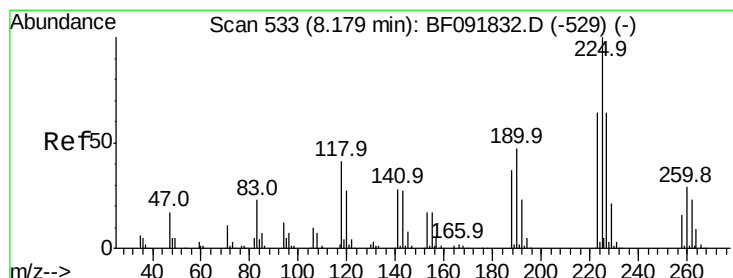
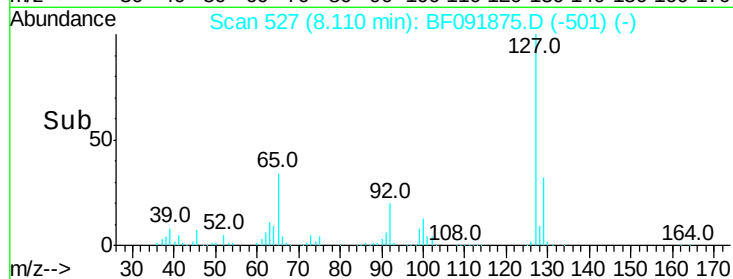
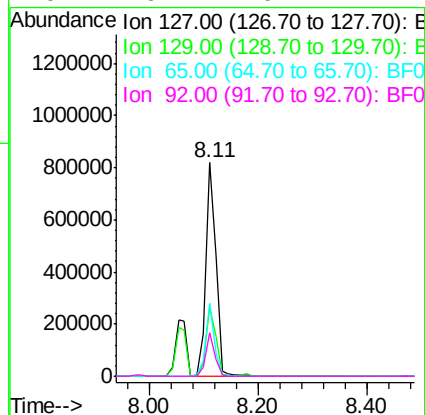
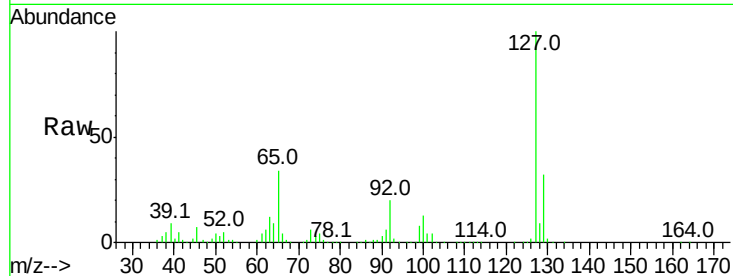
#33
4-Chloroaniline
Concen: 37.45 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	34.1	25.8	38.8
92	20.2	16.1	24.1

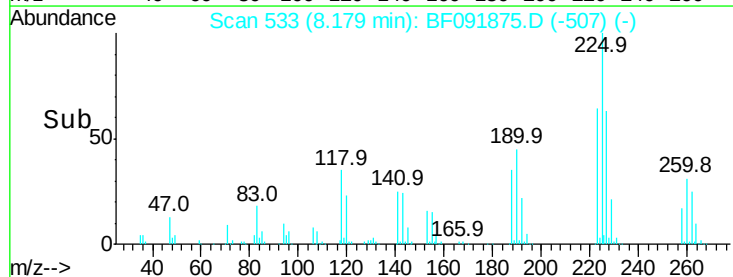
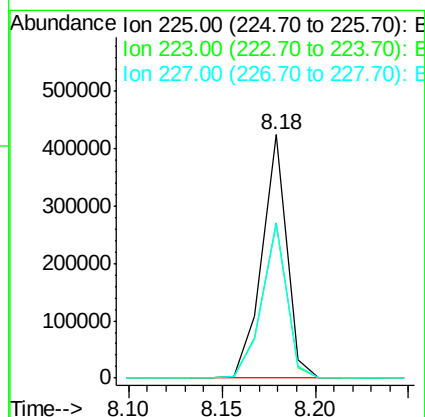
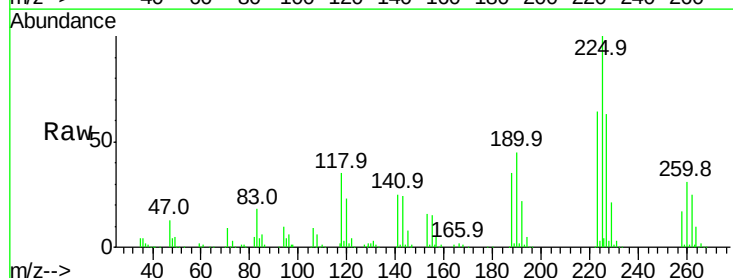
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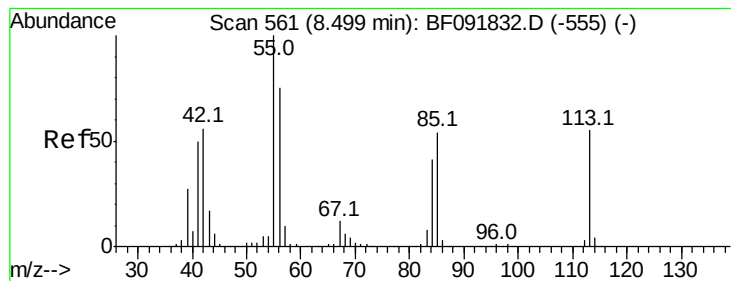
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#34
Hexachlorobutadiene
Concen: 38.23 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.4	50.6	76.0





#35

Caprolactam

Concen: 36.66 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

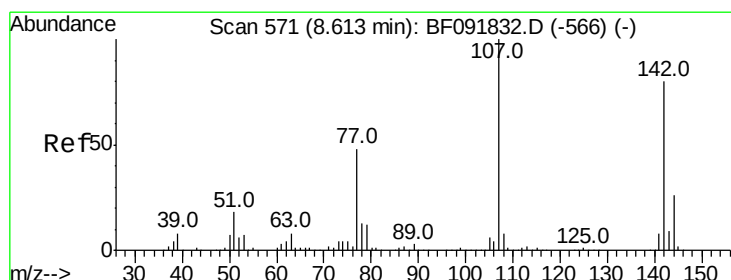
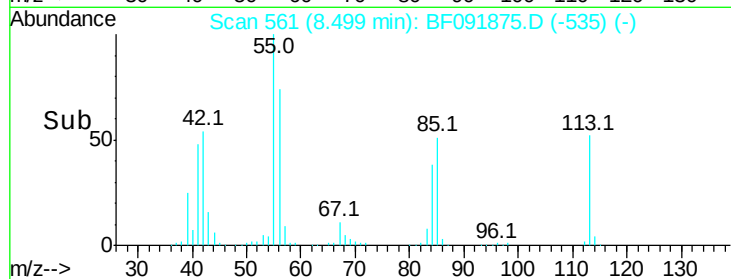
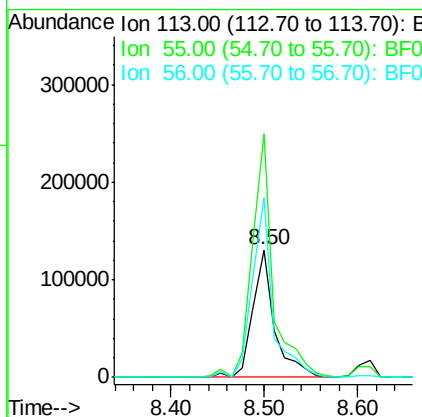
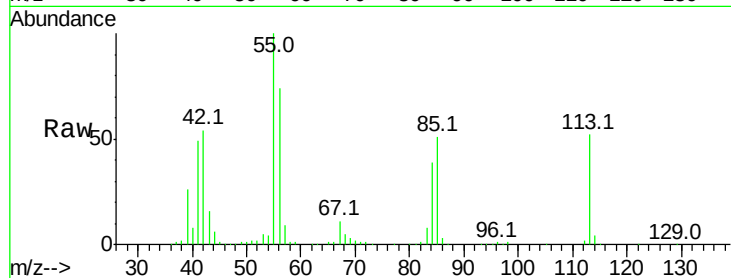
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.5	119.2	159.2#
56	140.9	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.59 ng

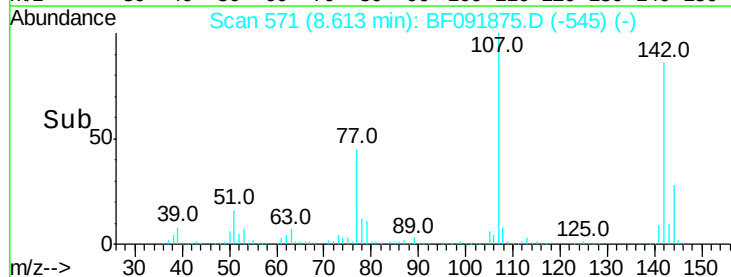
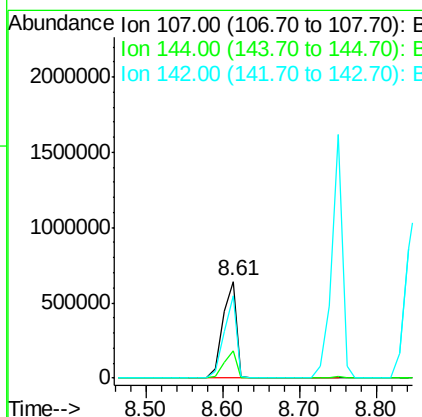
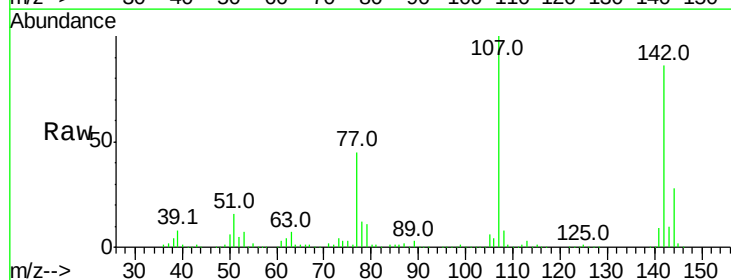
RT: 8.61 min Scan# 571

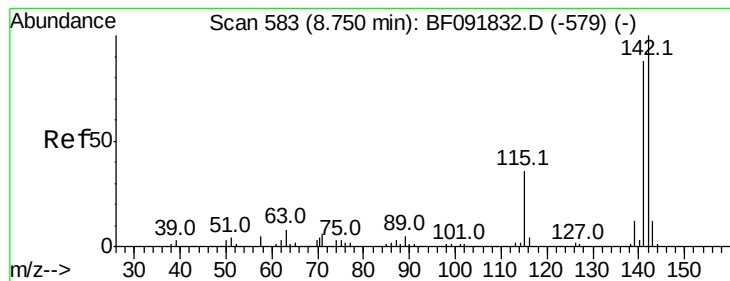
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	19.3	28.9
142	85.8	59.0	88.6





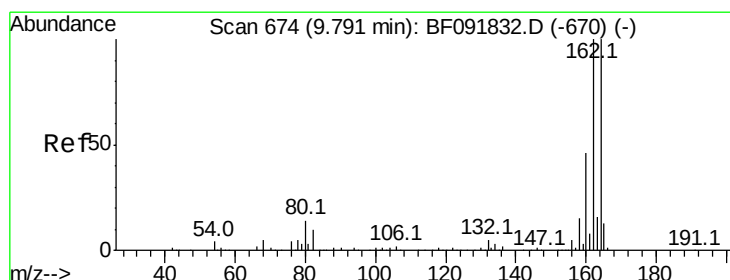
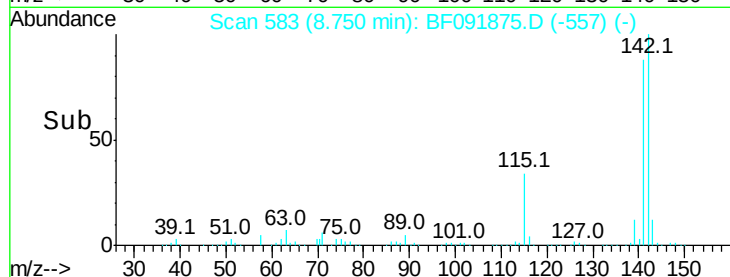
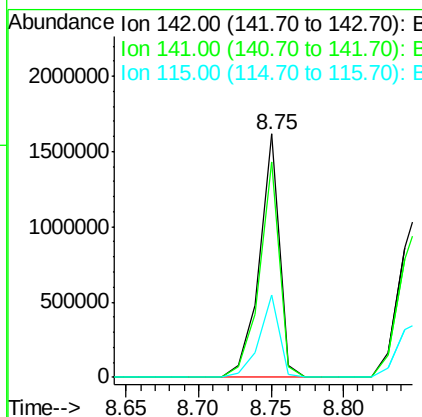
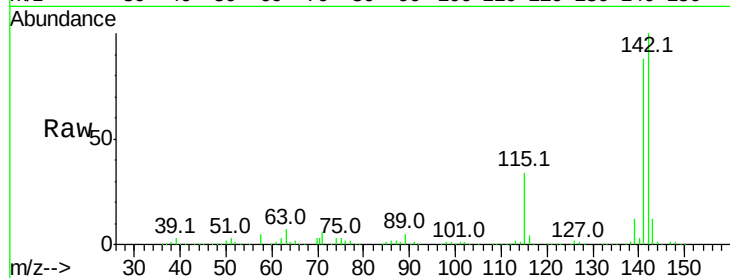
#37
2-Methylnaphthalene
Concen: 40.37 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1546635
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 34.0 28.3 42.5

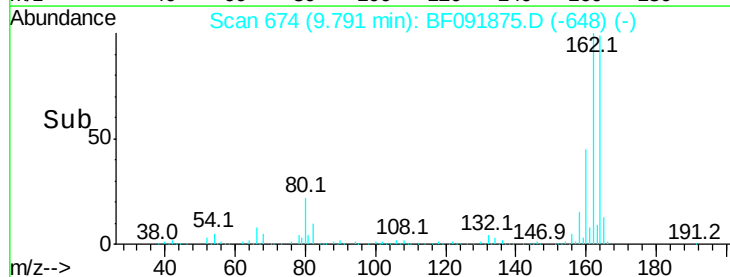
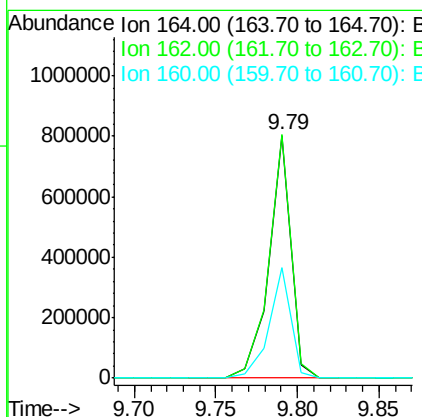
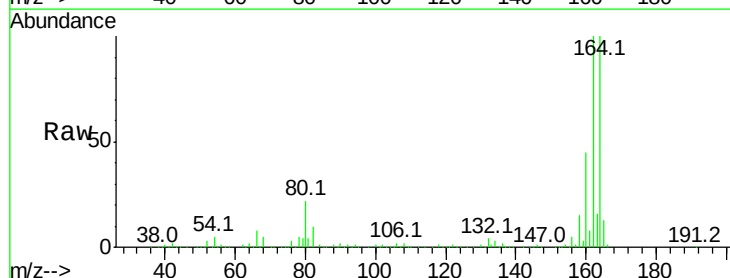
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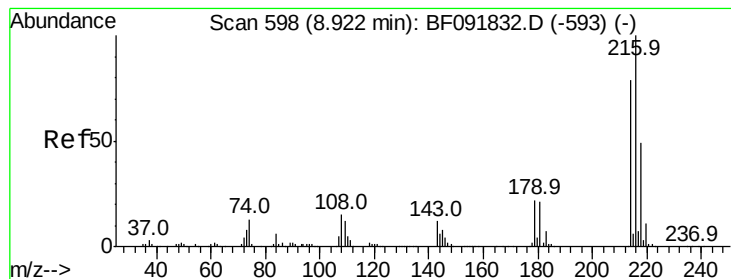
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:164 Resp: 755574
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 45.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.99 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

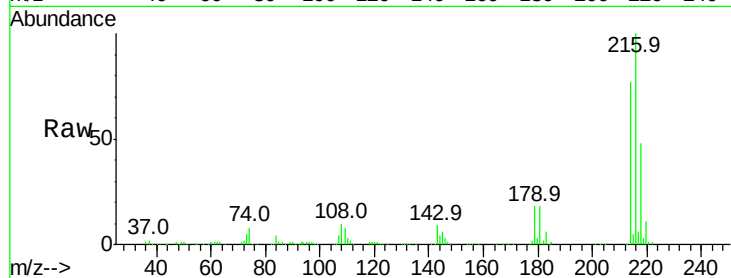
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	667969		
214	78.5	63.4	95.0	
179	21.5	17.4	26.2	
108	19.4	15.6	23.4	

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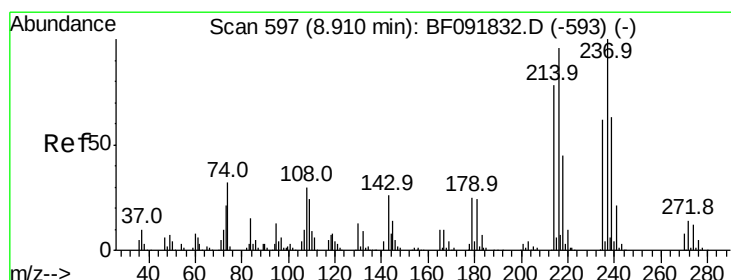
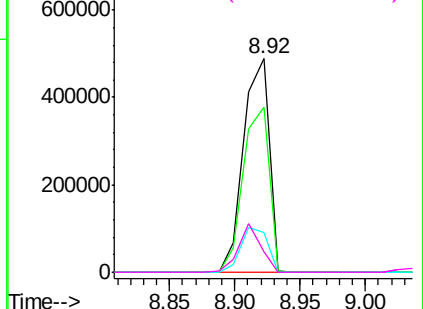
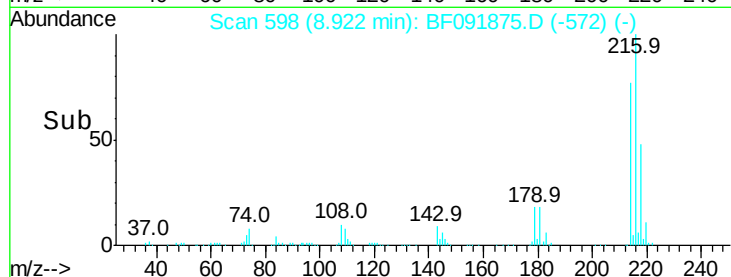


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.88 ng

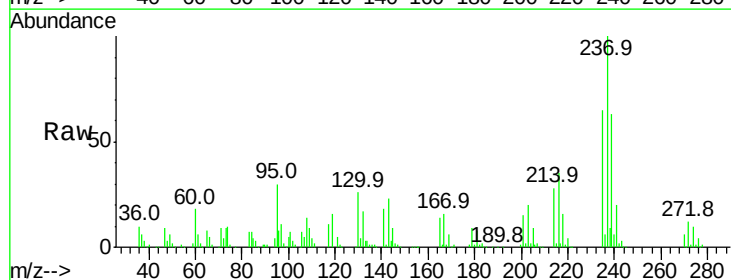
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

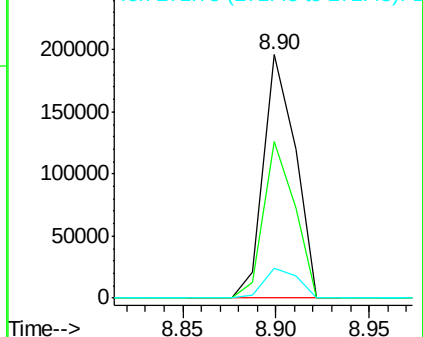
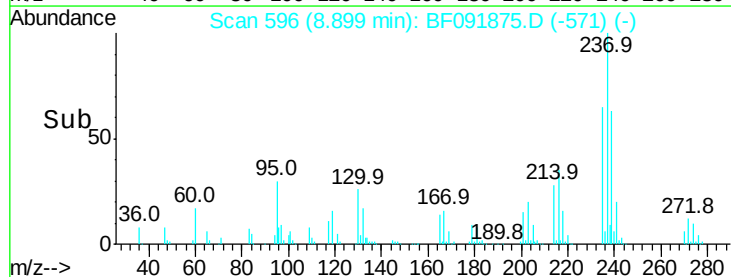
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	231726		
235	64.5	41.2	81.2	
272	12.4	0.0	35.4	

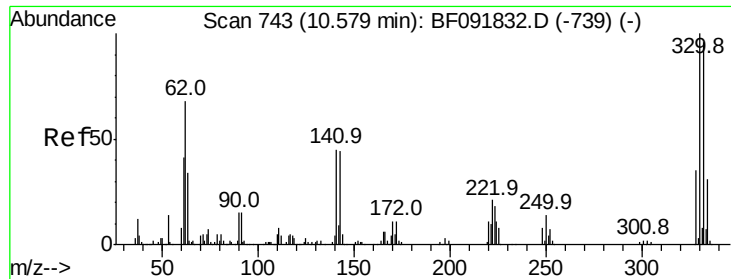


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





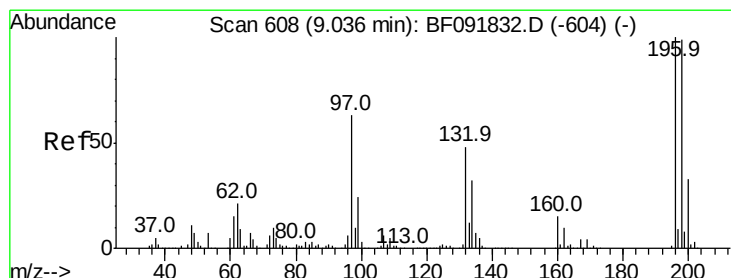
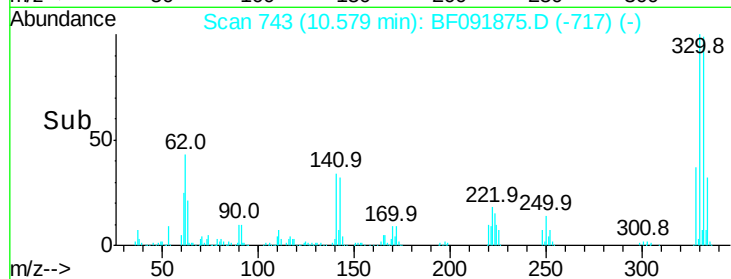
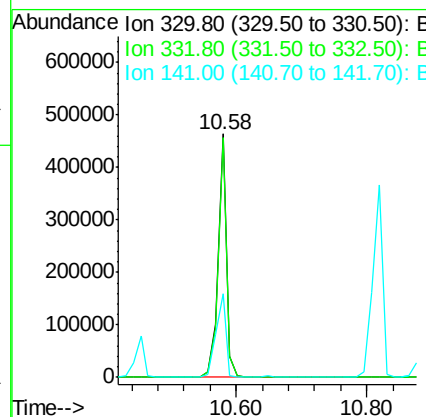
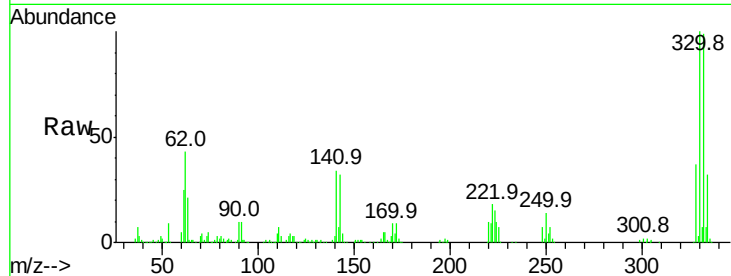
#41
 2,4,6-Tribromophenol
 Concen: 68.77 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	40.0	34.1	51.1

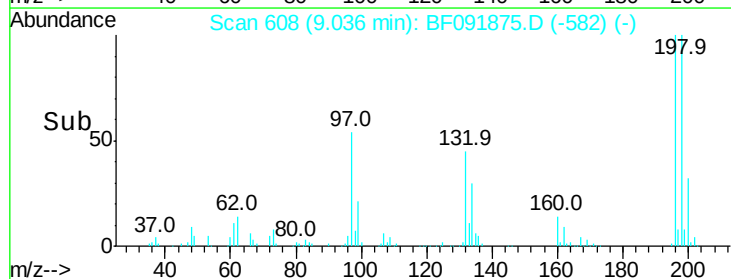
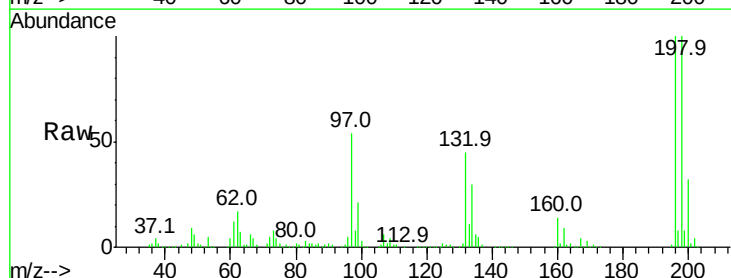
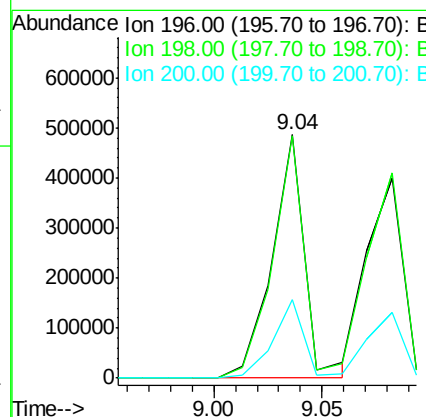
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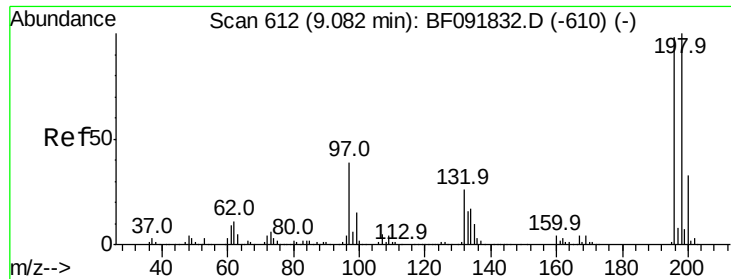
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#42
 2,4,6-Trichlorophenol
 Concen: 38.09 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	82.1	123.1
200	32.3	27.0	40.4





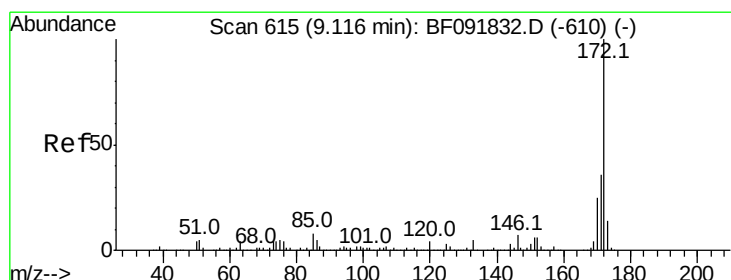
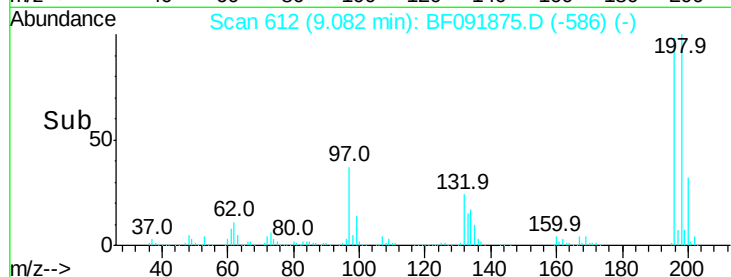
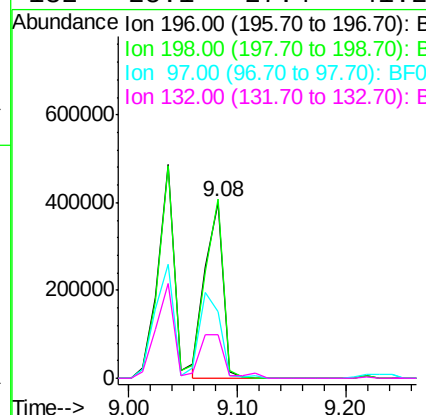
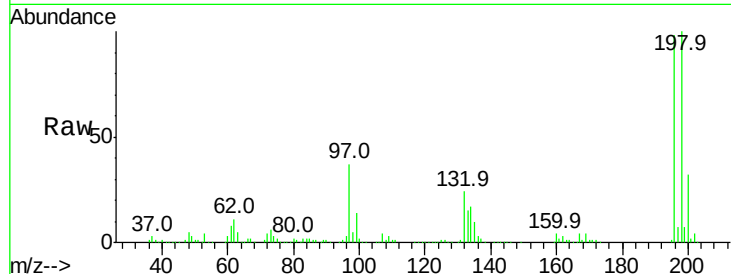
#43
 2,4,5-Trichlorophenol
 Concen: 33.72 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	463333		
198	102.5	79.4	119.2	
97	37.9	51.5	77.3#	
132	25.1	27.4	41.2#	

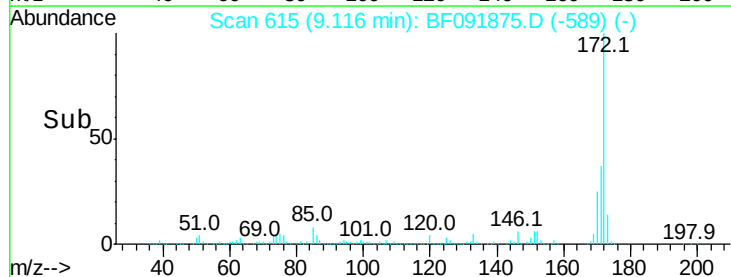
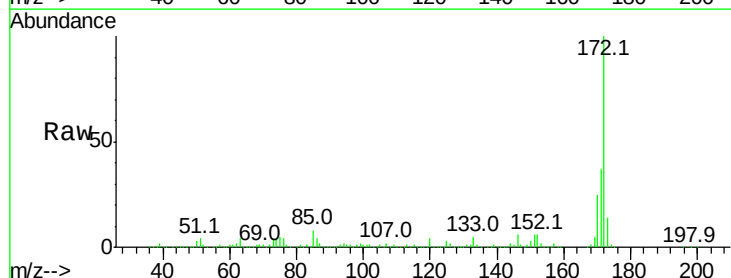
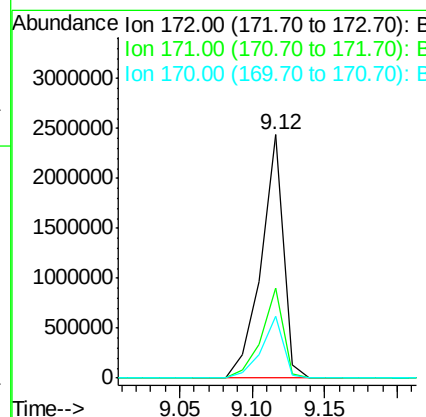
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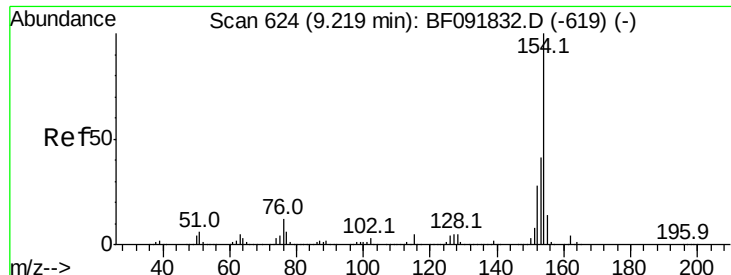
sohil
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#44
 2-Fluorobiphenyl
 Concen: 67.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2588856		
171	36.9	29.4	44.0	
170	25.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 37.86 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

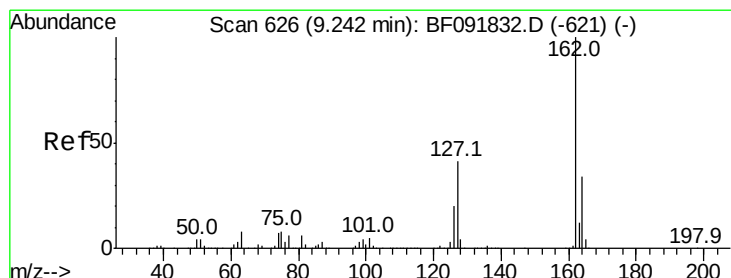
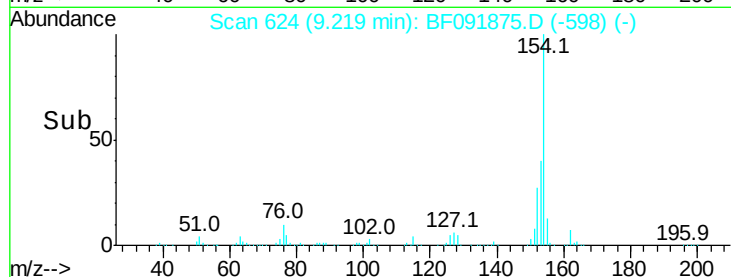
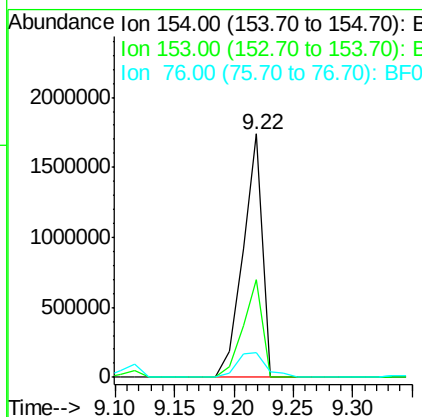
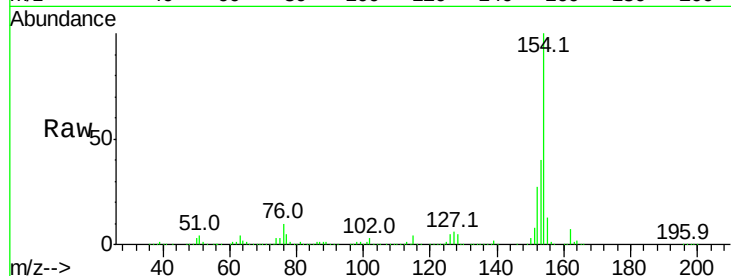
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	1958651
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	10.2	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 36.43 ng

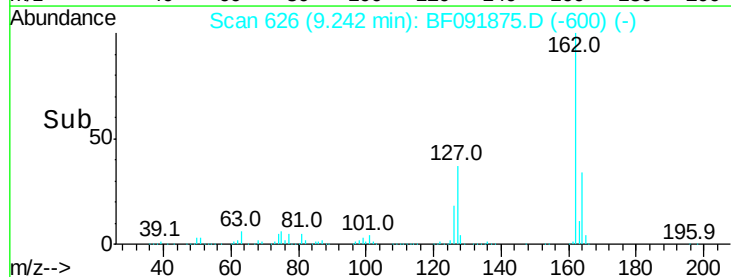
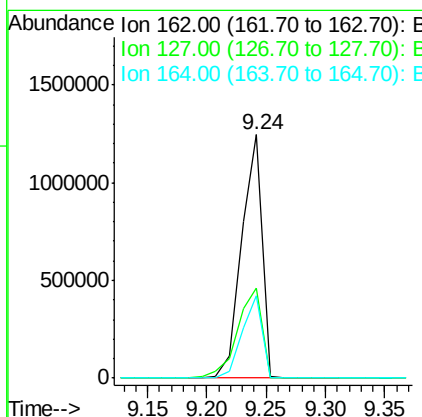
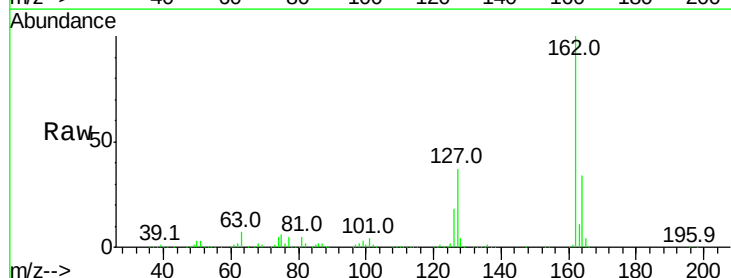
RT: 9.24 min Scan# 626

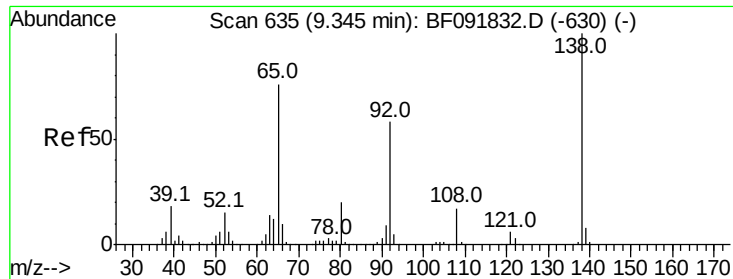
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:	162	Resp:	1492380
Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.7	46.1
164	34.1	27.6	41.4





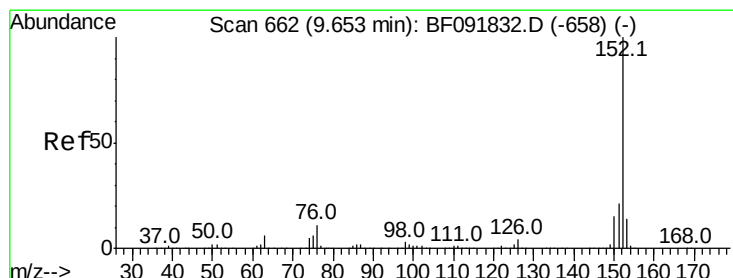
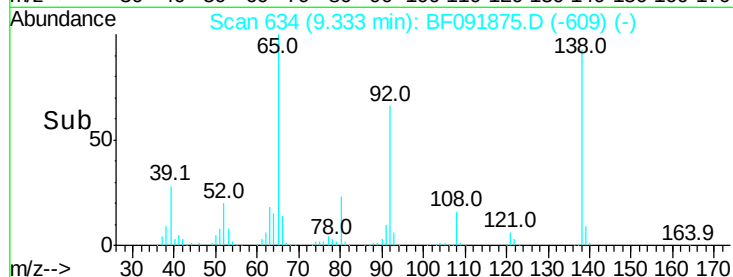
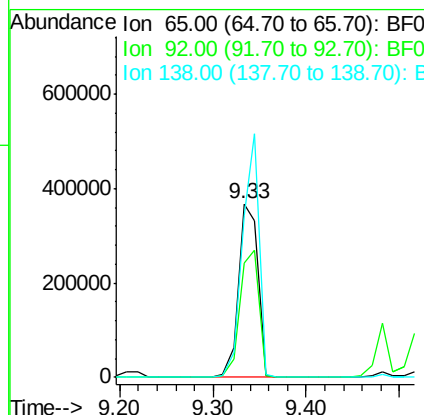
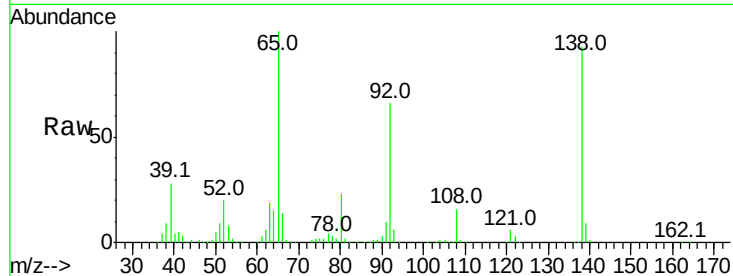
#47
 2-Nitroaniline
 Concen: 36.50 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	65	Resp:	532428
Ion Ratio	Lower	Upper	
65	100		
92	66.1	53.9	80.9
138	92.9	76.8	115.2

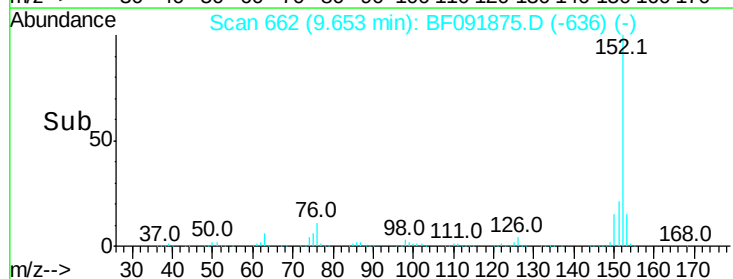
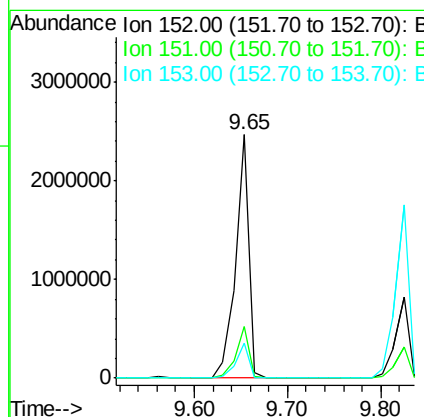
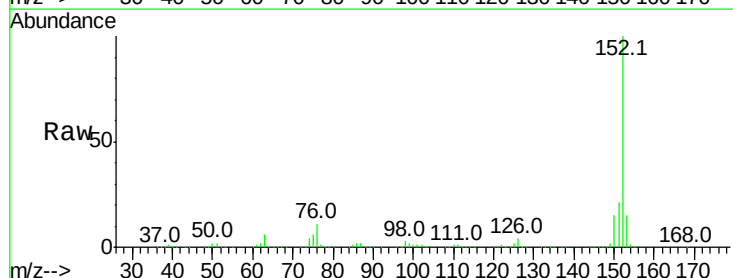
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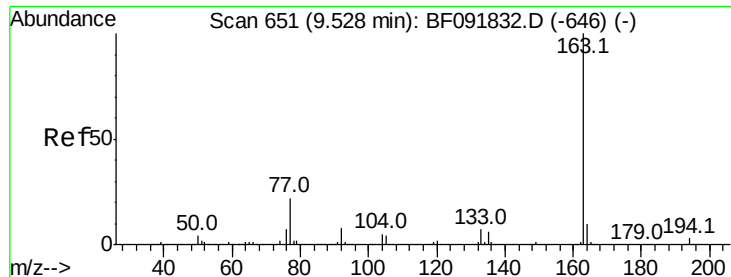
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#48
 Acenaphthylene
 Concen: 38.97 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion:	152	Resp:	2455298
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.9	25.3
153	14.6	11.4	17.2





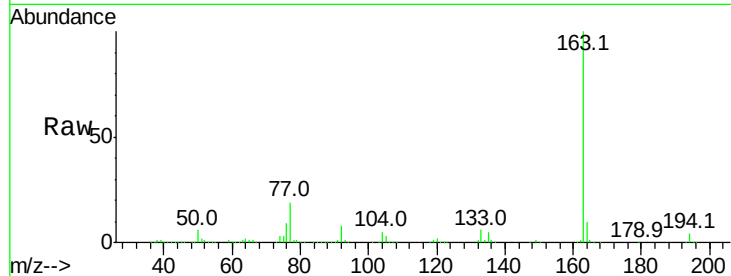
#49
Dimethylphthalate
Concen: 38.27 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.0	12.0

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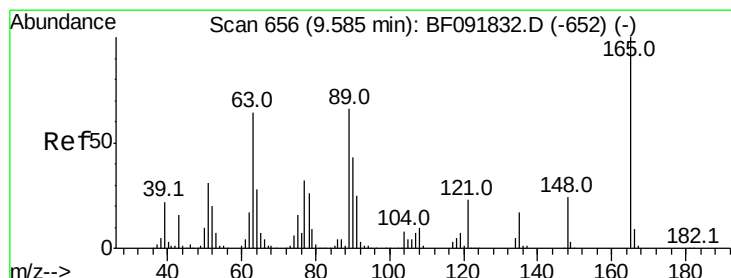
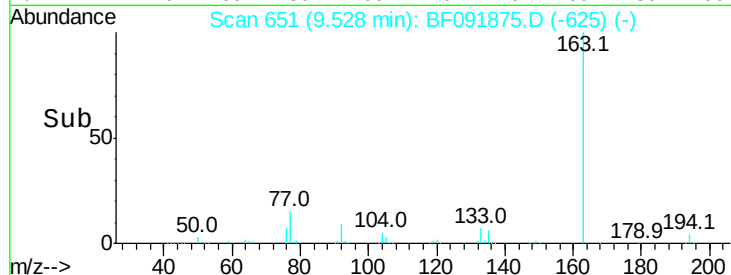
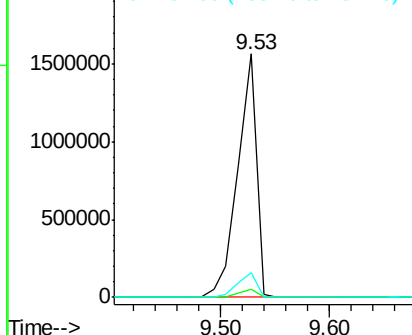


Abundance

Ion 163.00 (162.70 to 163.70): E

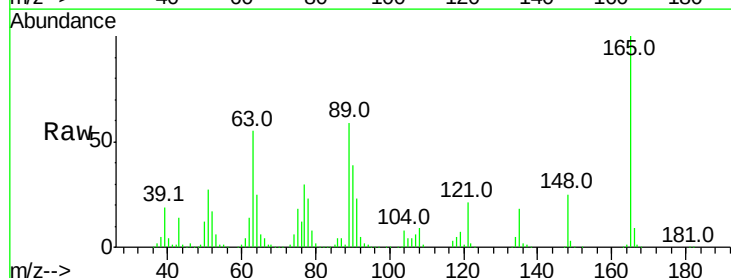
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 40.38 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	36.2	54.4#
89	58.8	40.2	60.4

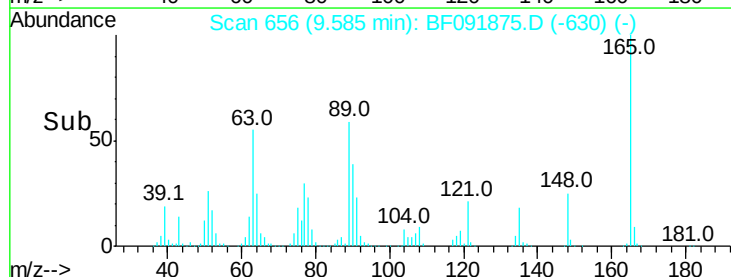
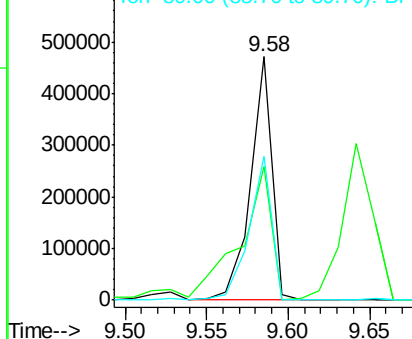


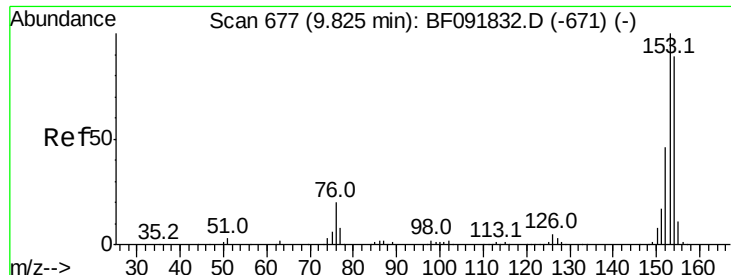
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.25 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1548610

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

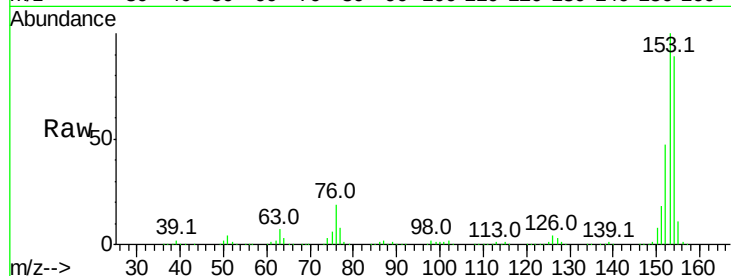
152 52.3 41.6 62.4

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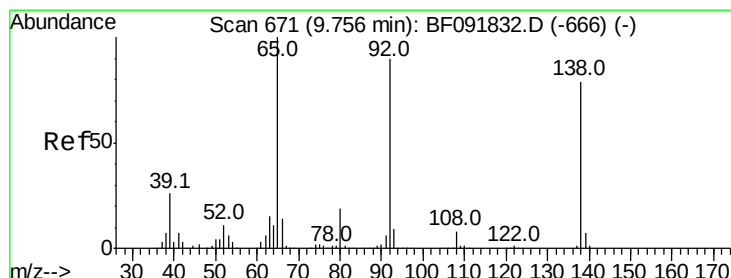
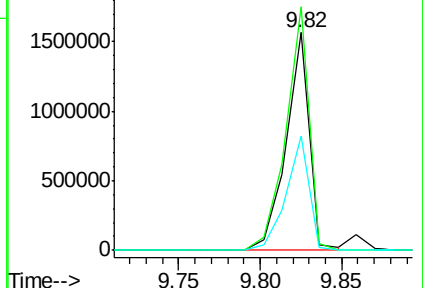
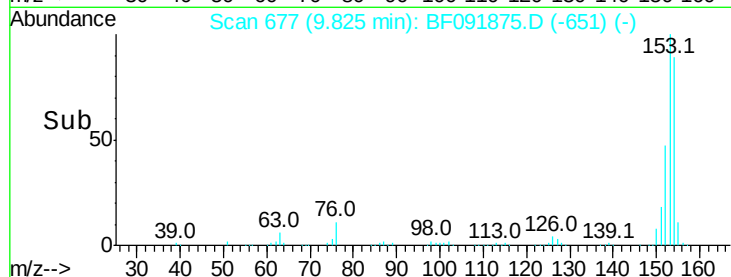
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.20 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

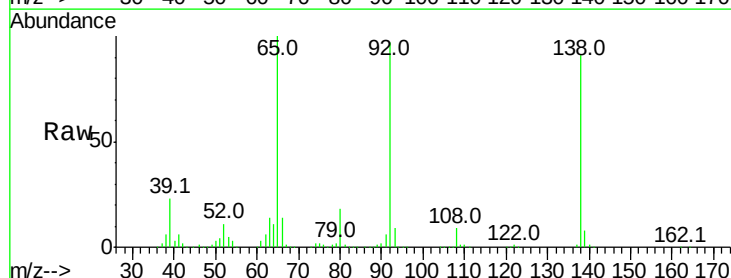
Tgt Ion:138 Resp: 591719

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

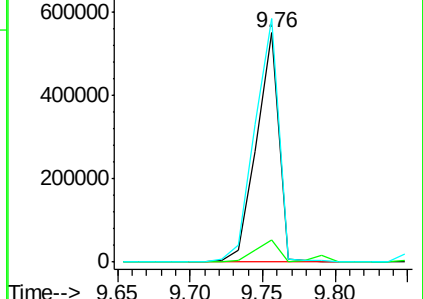
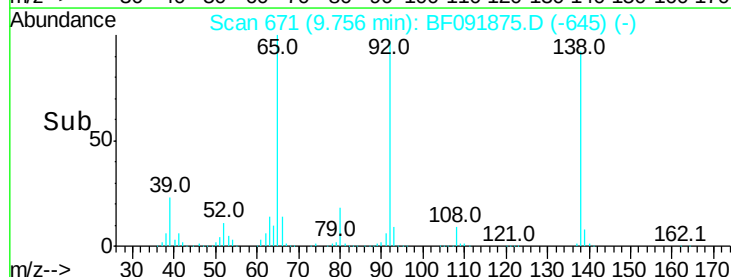
92 106.1 97.8 146.8

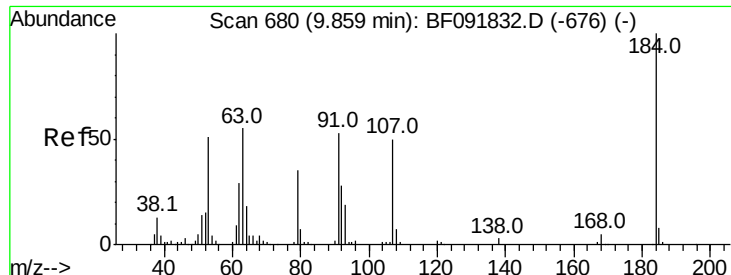


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





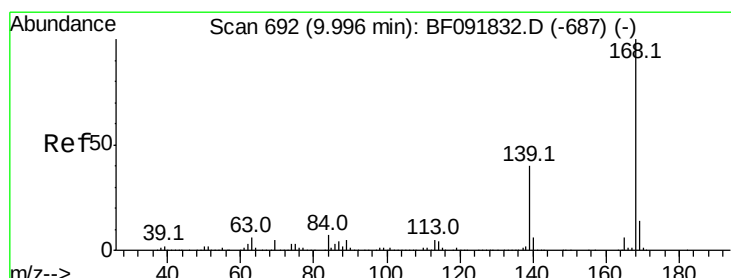
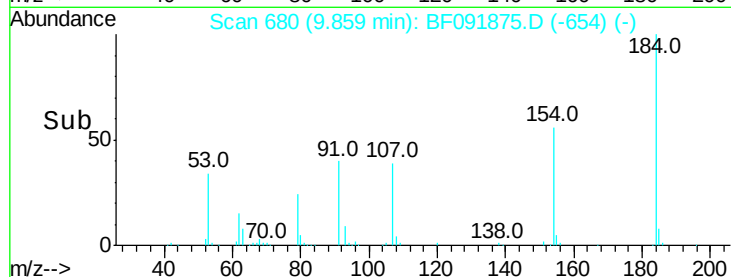
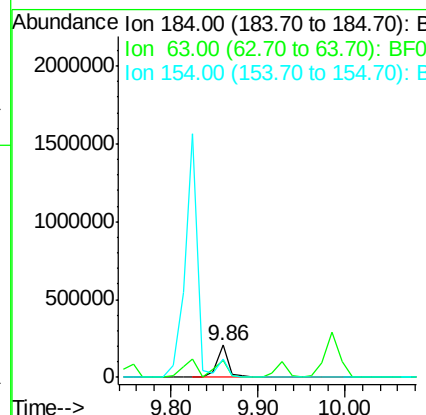
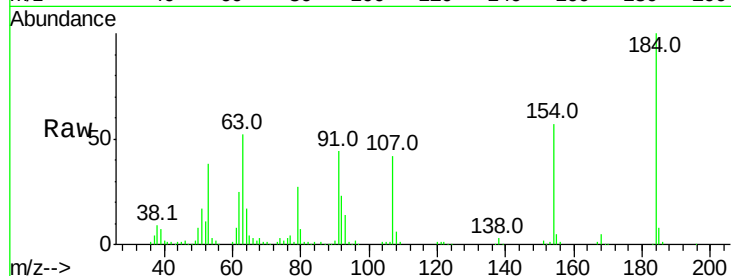
#53
 2,4-Dinitrophenol
 Concen: 33.93 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100	199718		
63	51.5	28.4	42.6#	
154	56.6	44.3	66.5	

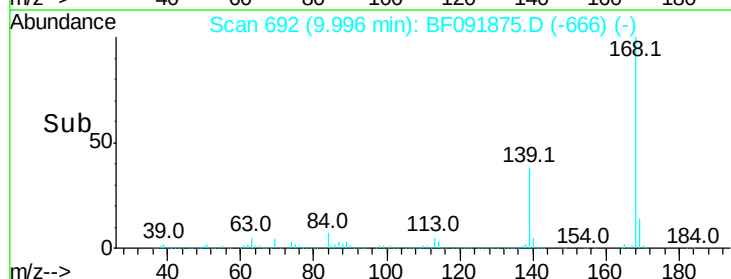
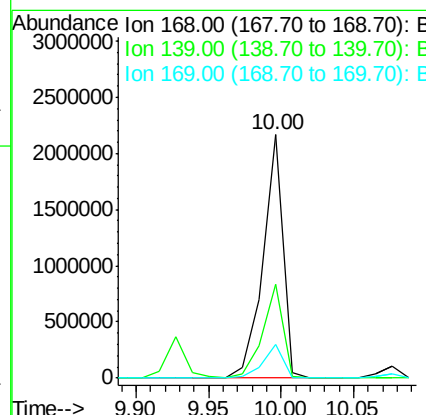
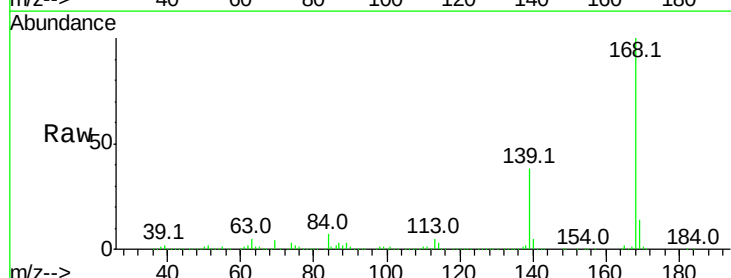
Manual Integrations
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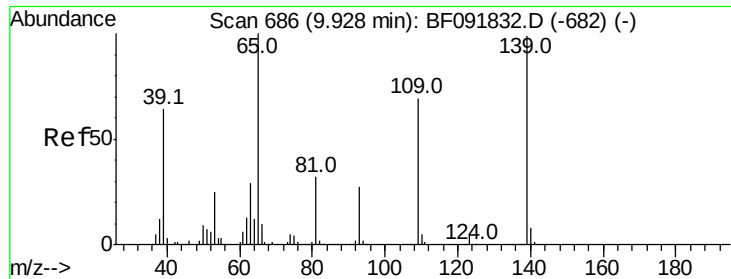
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#54
 Dibenzofuran
 Concen: 35.86 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2068533		
139	38.5	32.6	49.0	
169	14.0	11.3	16.9	





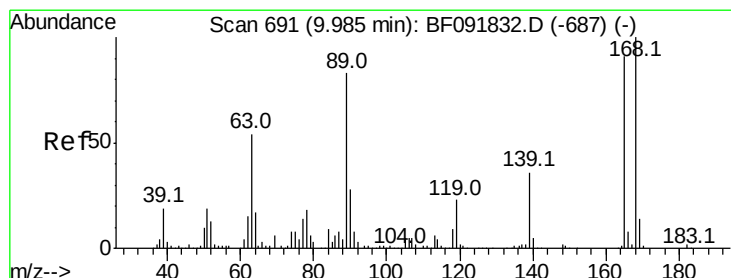
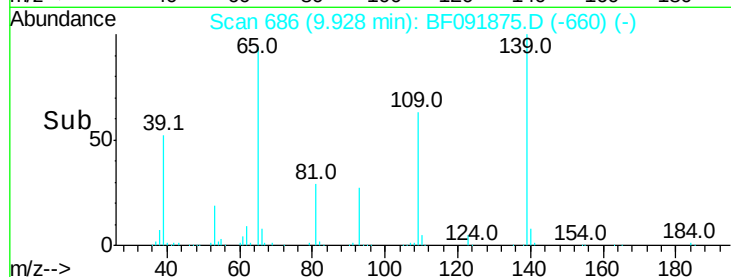
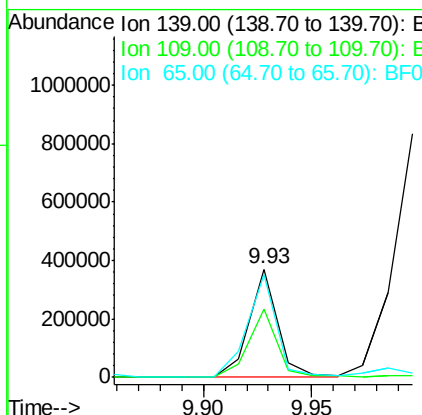
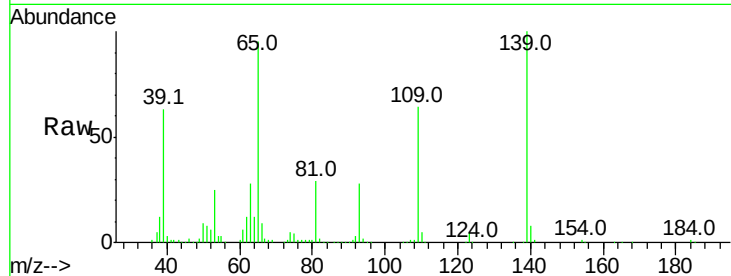
#55
4-Nitrophenol
Concen: 38.42 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.6	52.2	92.2
65	95.2	85.8	125.8

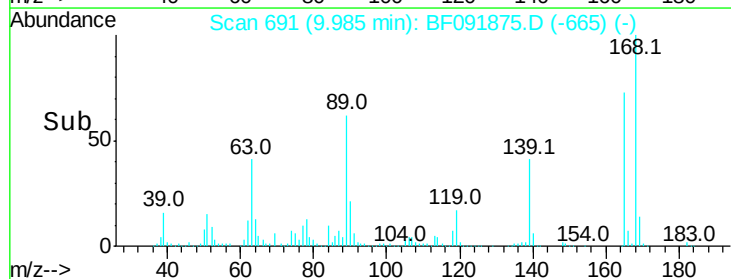
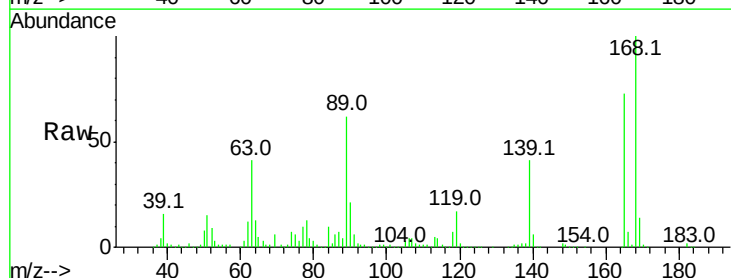
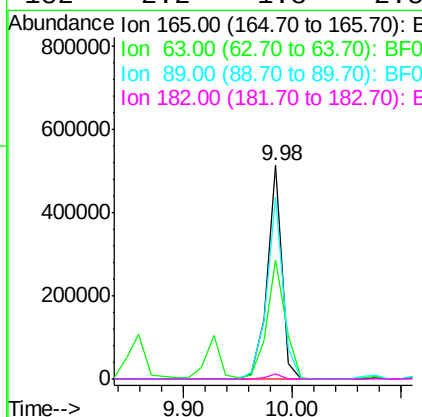
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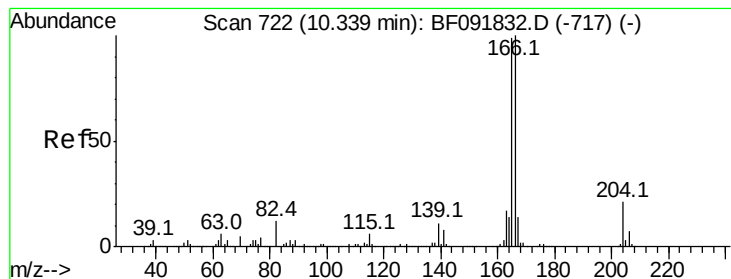
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#56
2,4-Dinitrotoluene
Concen: 36.32 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.0	40.2	60.4
89	85.4	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 38.94 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1634253

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

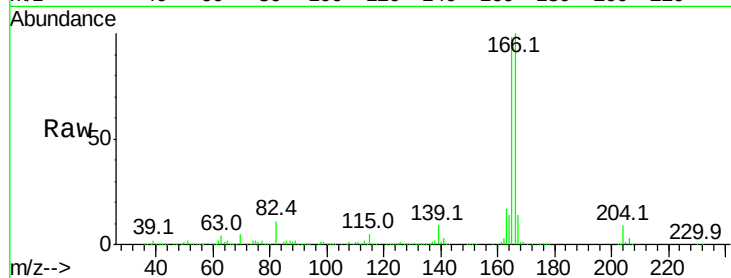
167 13.6 10.8 16.2

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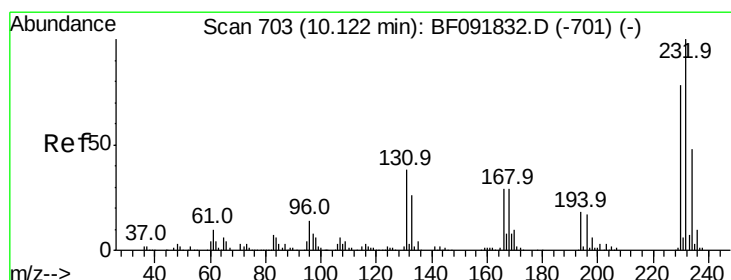
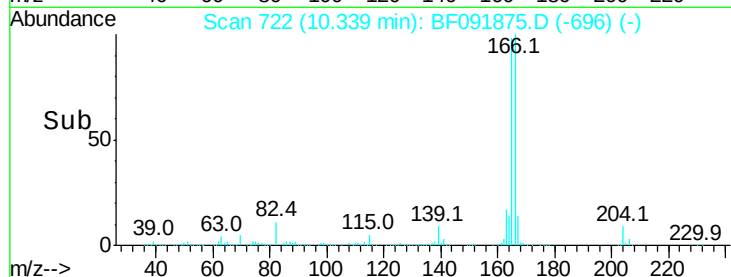
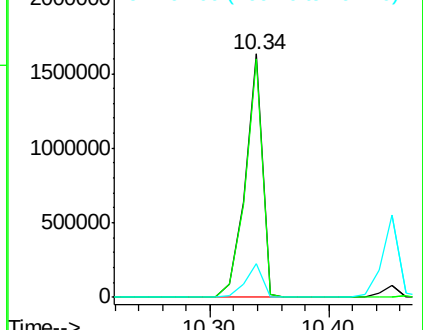
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.38 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:232 Resp: 417053

Ion Ratio Lower Upper

232 100

131 47.6 40.1 60.1

130 2.0 1.8 2.8

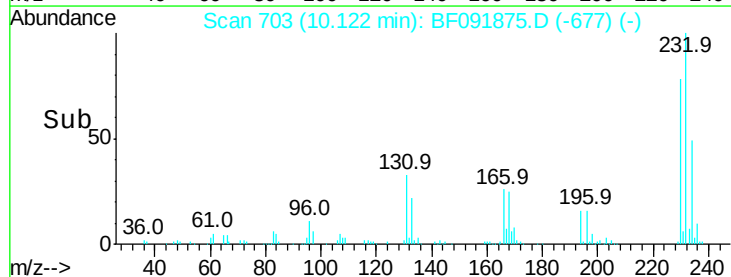
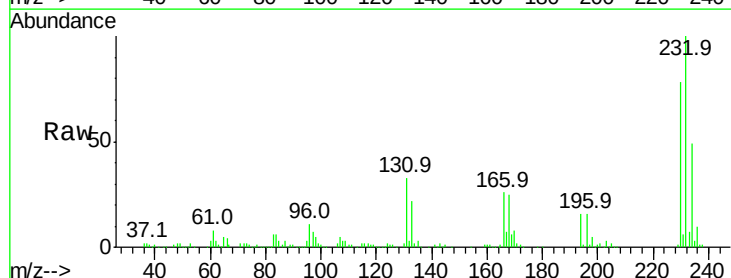
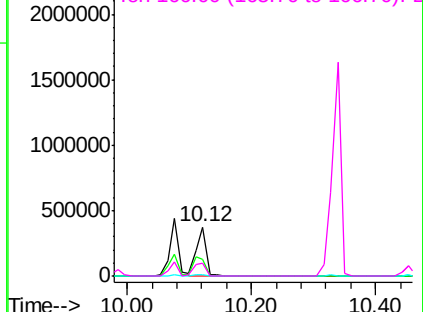
166 31.8 26.6 39.8

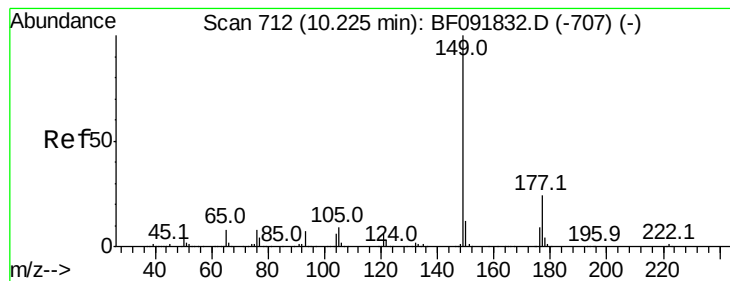
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.28 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1702573

Ion Ratio Lower Upper

149 100

177 20.8 16.6 25.0

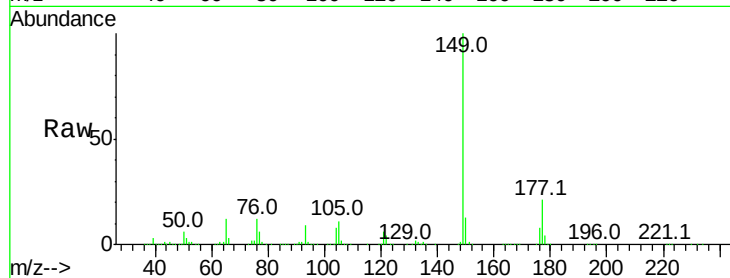
150 12.7 10.4 15.6

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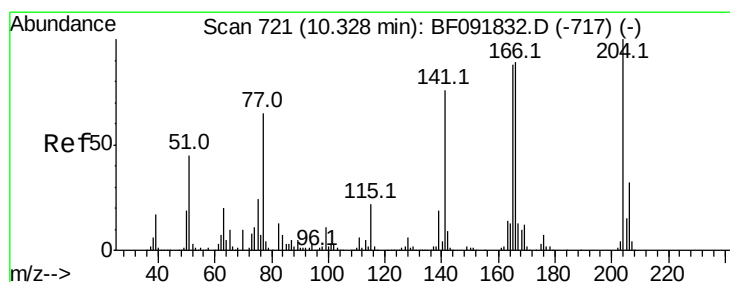
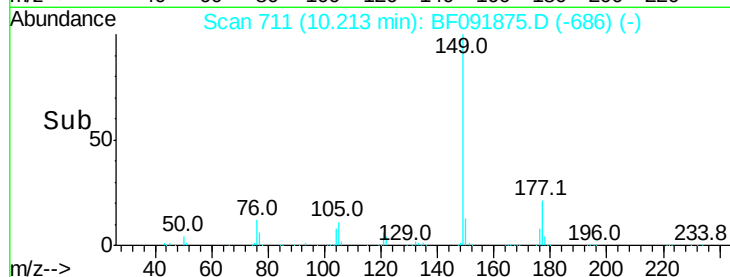
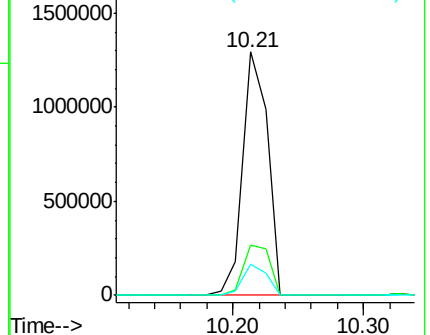
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.58 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

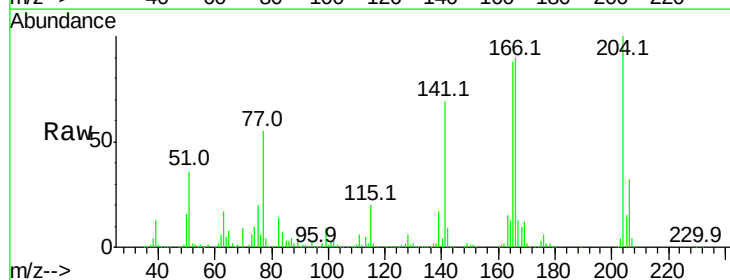
Tgt Ion:204 Resp: 635456

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

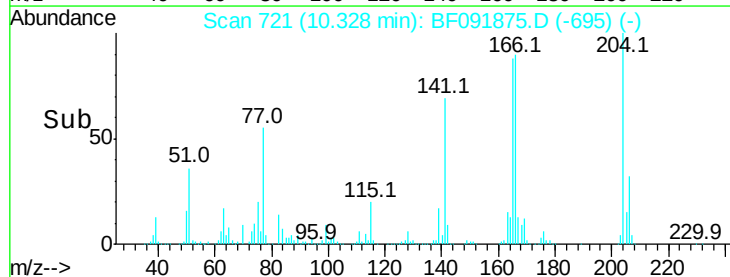
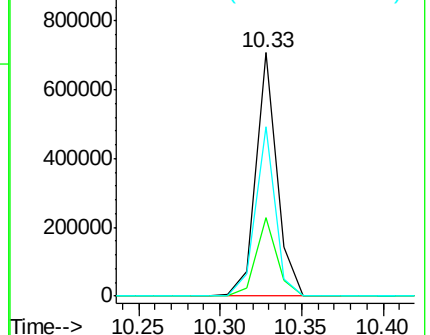
141 69.4 59.4 89.0

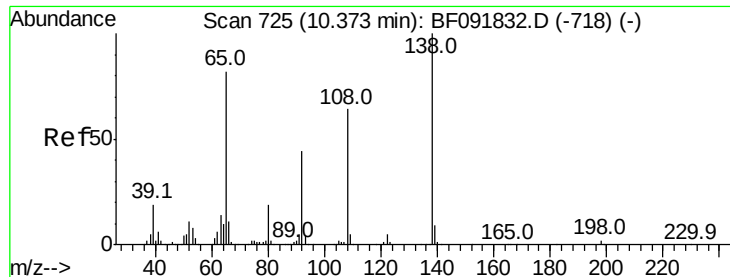


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





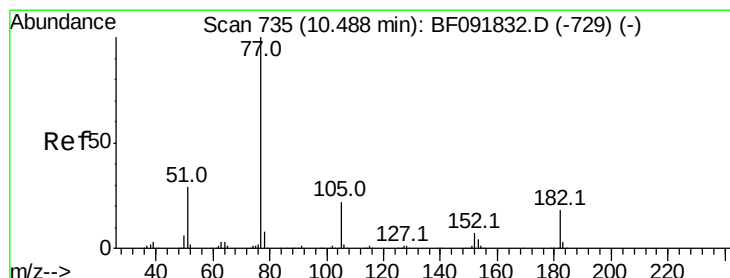
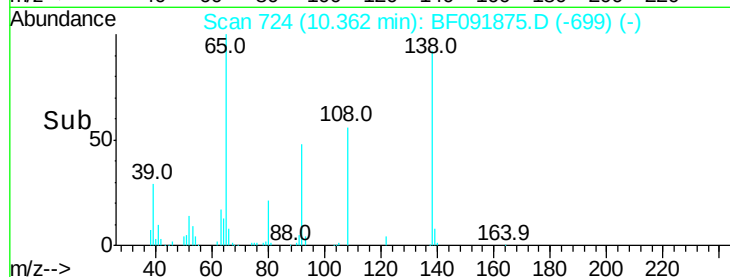
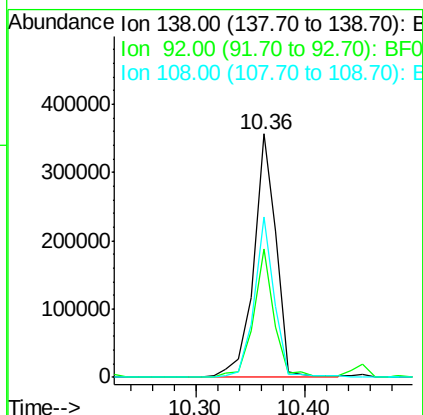
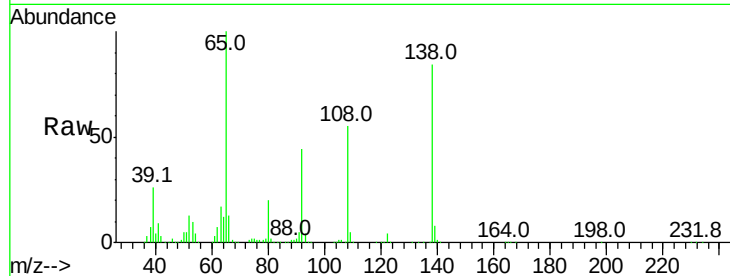
#61
4-Nitroaniline
Concen: 37.88 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	31.7	71.7
108	65.7	52.6	92.6

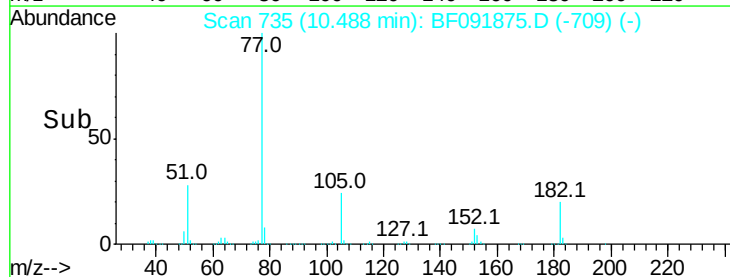
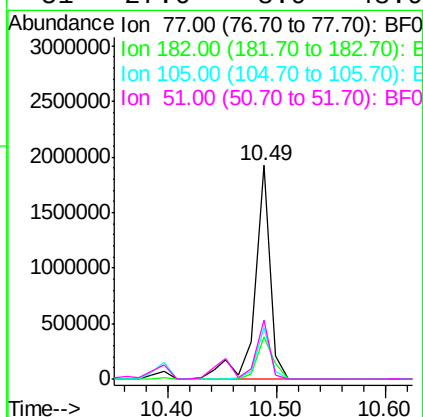
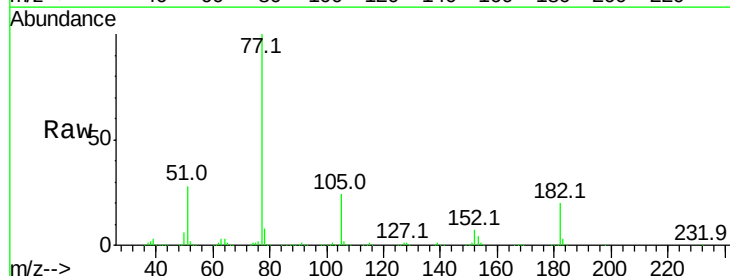
Manual Integrations
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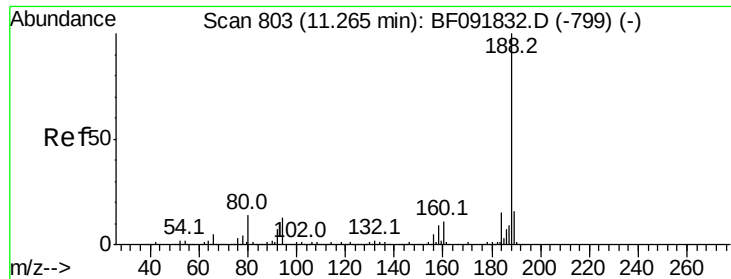
sohil
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#62
Azobenzene
Concen: 36.71 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.0	39.3
105	24.1	2.3	42.3
51	27.6	8.9	48.9





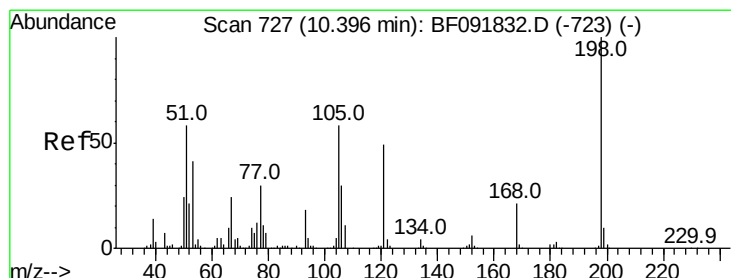
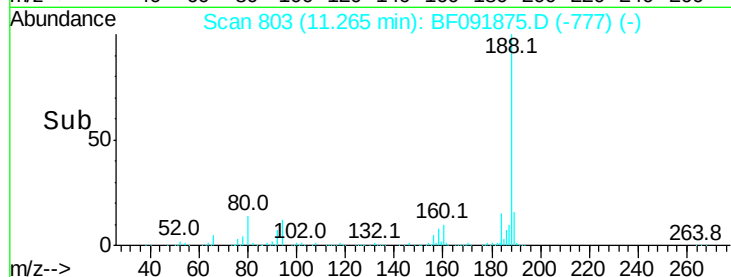
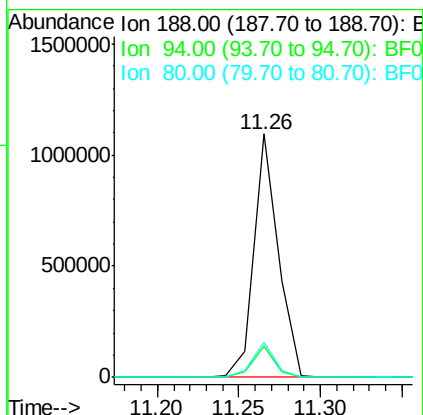
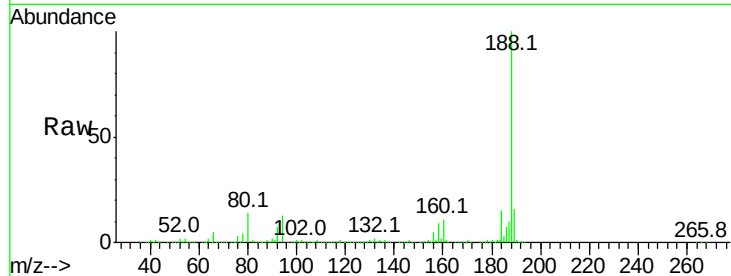
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.0	15.0
80	14.4	11.2	16.8

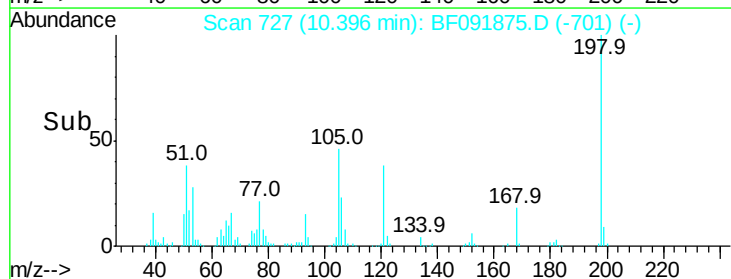
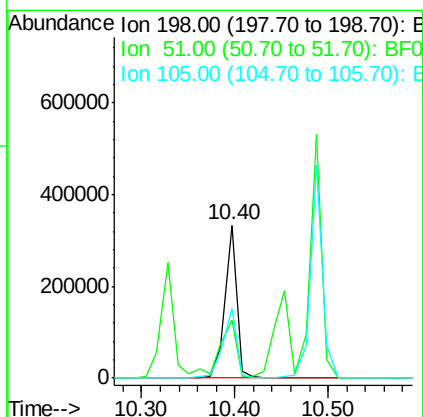
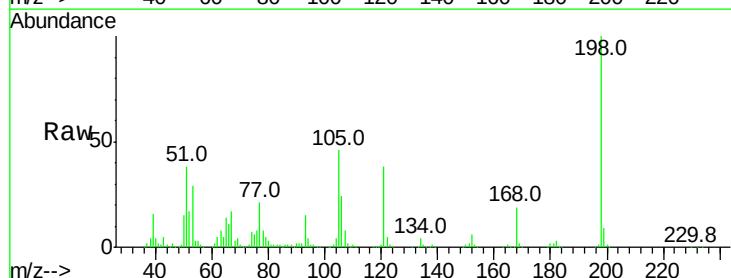
Manual Integrations
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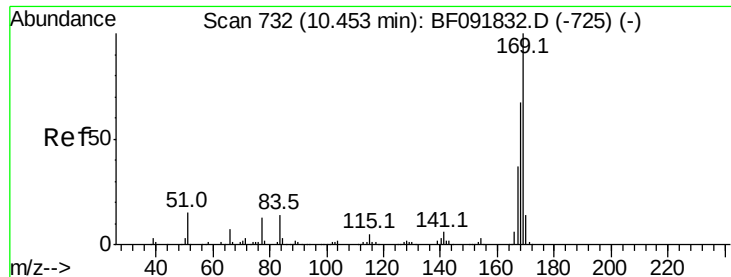
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.19 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.7	6.7	46.7
105	45.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 42.52 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1434158

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

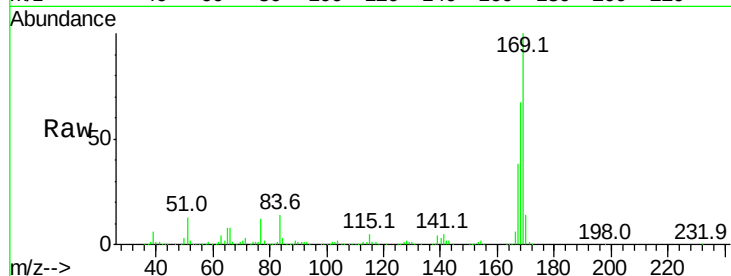
167 38.0 30.2 45.4

Manual Integrations

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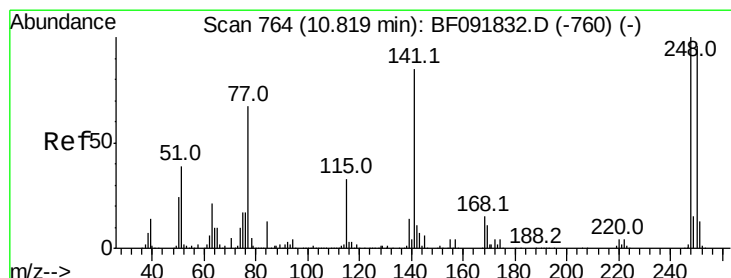
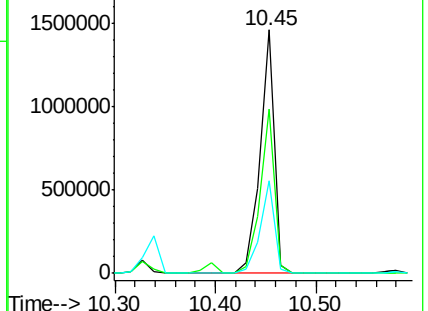
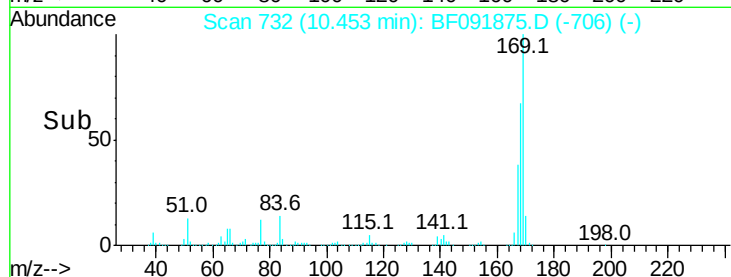
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.55 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

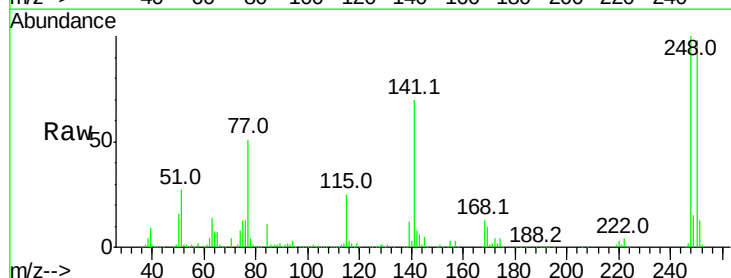
Tgt Ion:248 Resp: 467660

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

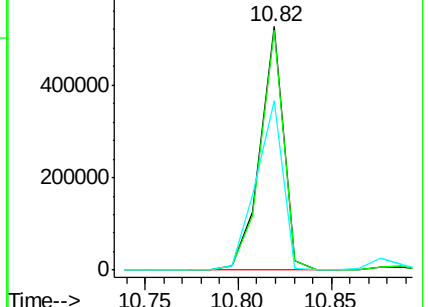
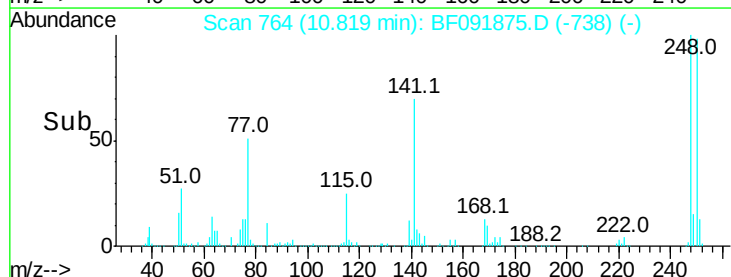
141 69.8 68.2 102.4

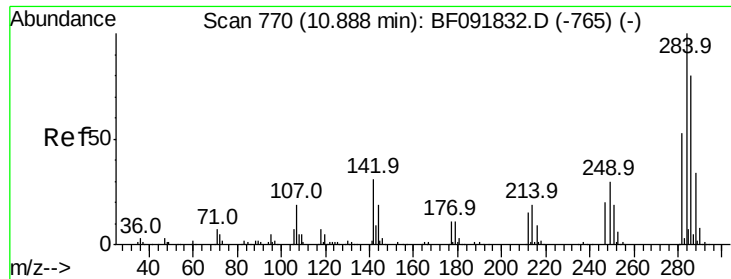


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





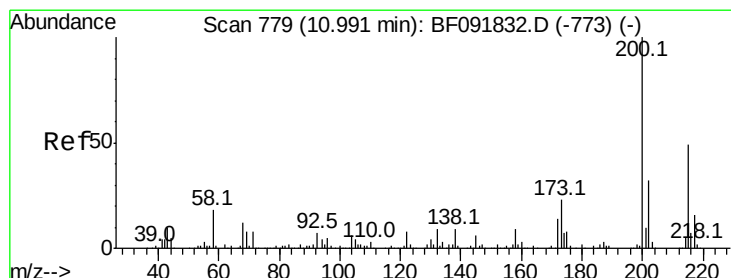
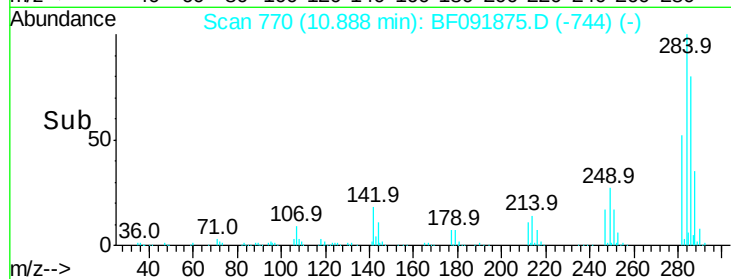
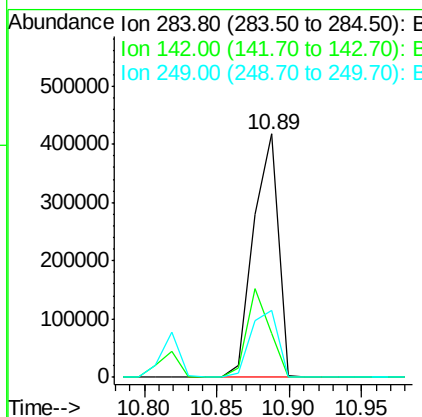
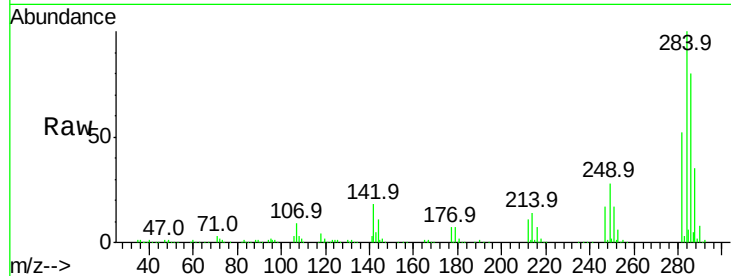
#67
Hexachlorobenzene
Concen: 39.28 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	496407		
142	18.1	22.6	33.8#	
249	27.5	25.4	38.0	

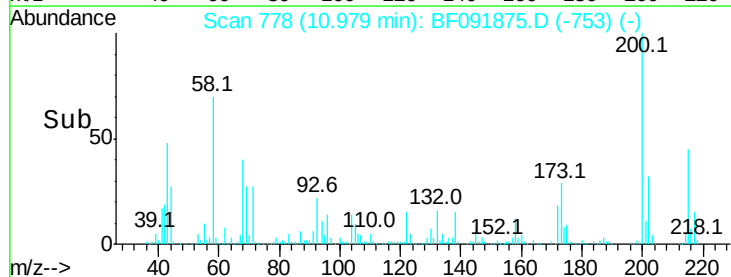
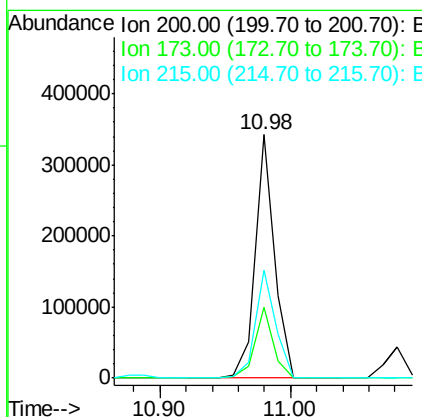
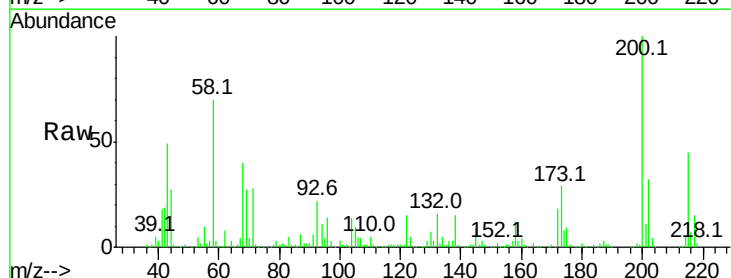
Manual Integrations
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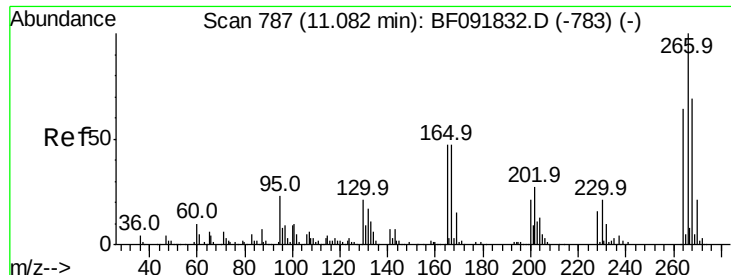
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#68
Atrazine
Concen: 32.55 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	354188		
173	29.2	9.6	49.6	
215	44.5	25.7	65.7	





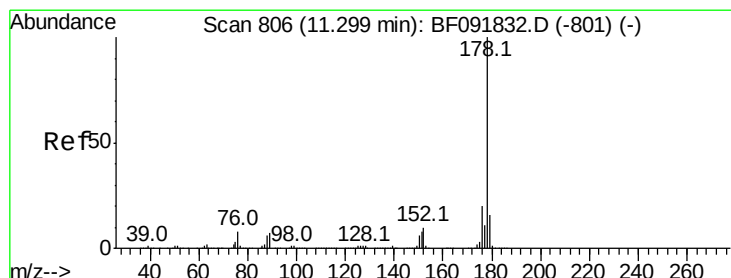
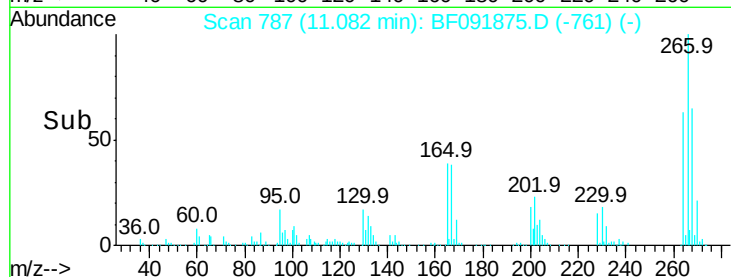
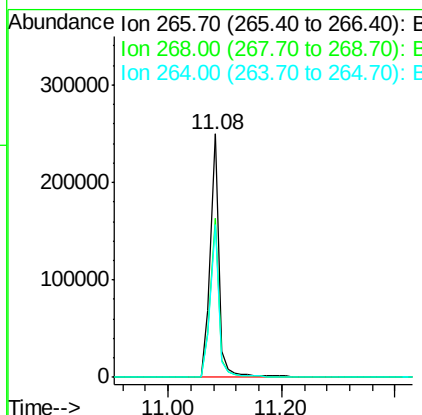
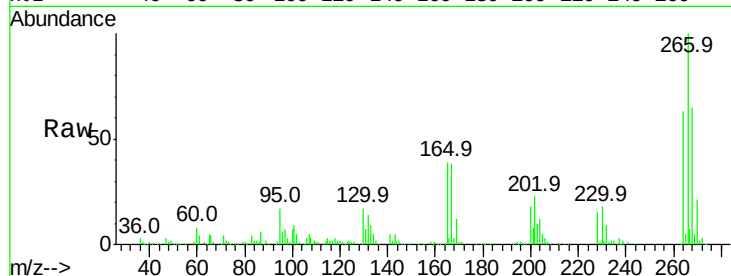
#69
 Pentachlorophenol
 Concen: 42.09 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	261013		
268	65.1	53.3	79.9	
264	62.6	50.3	75.5	

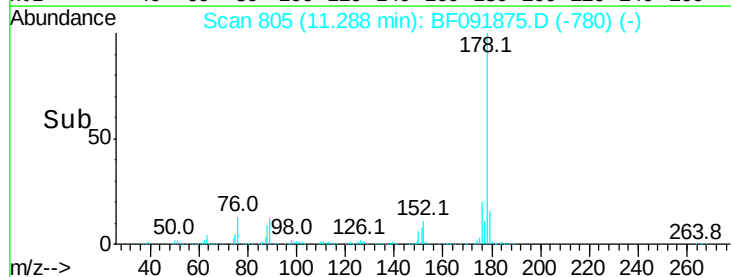
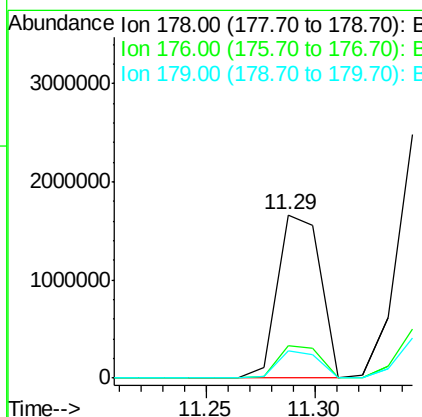
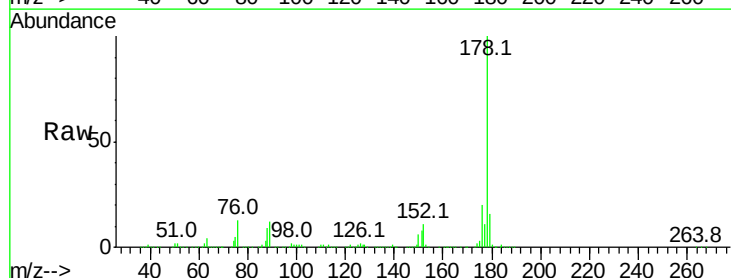
Manual Integrations
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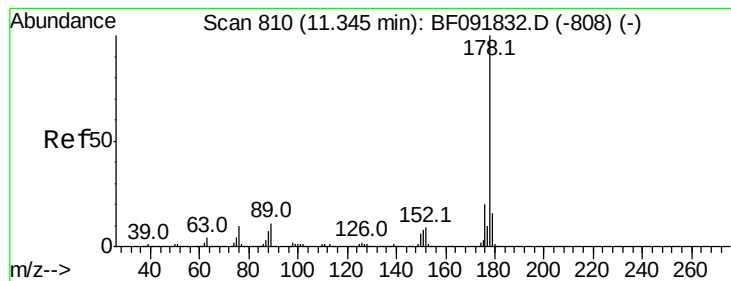
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#70
 Phenanthrene
 Concen: 37.37 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2303251		
176	19.9	16.6	25.0	
179	16.4	12.8	19.2	





#71

Anthracene

Concen: 39.53 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 2251376

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

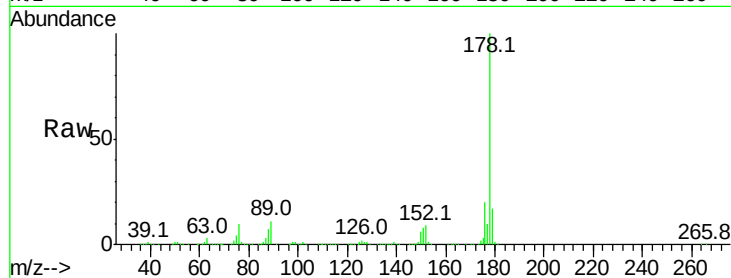
179 16.6 13.2 19.8

Manual Integrations

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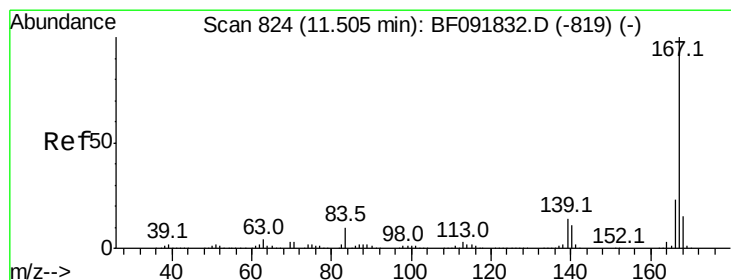
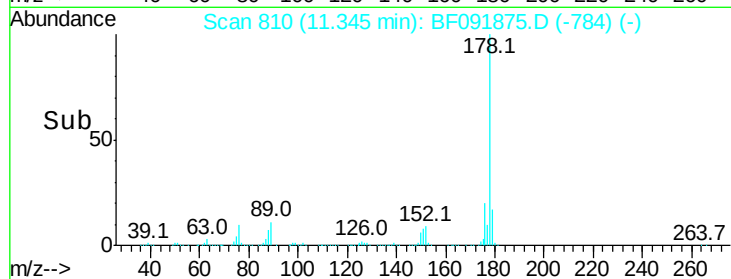
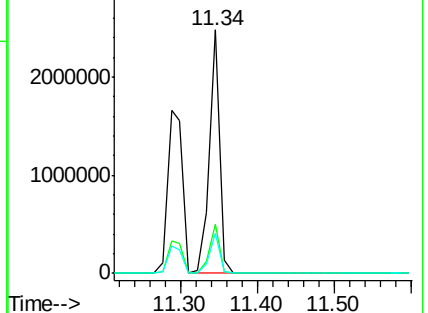
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.93 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

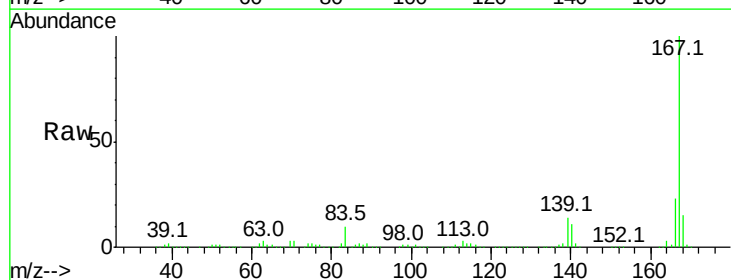
Tgt Ion:167 Resp: 2223870

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

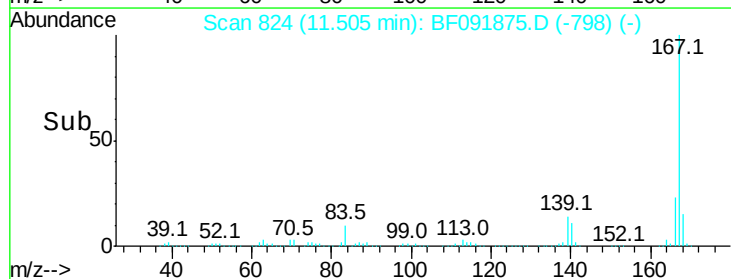
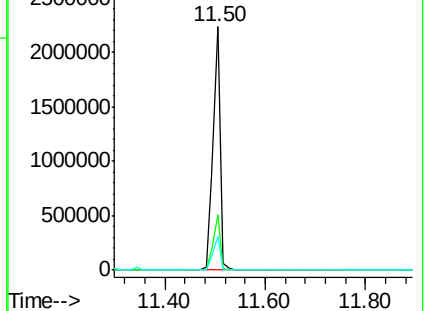
139 14.1 11.4 17.2

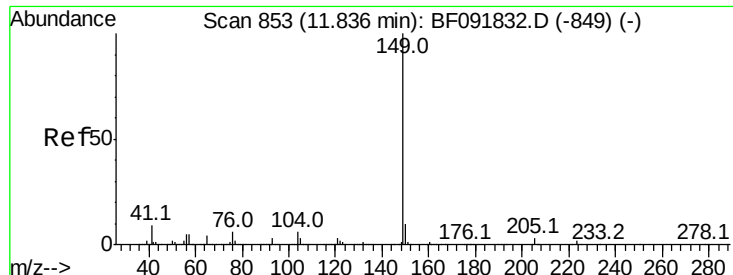


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.76 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2350147

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

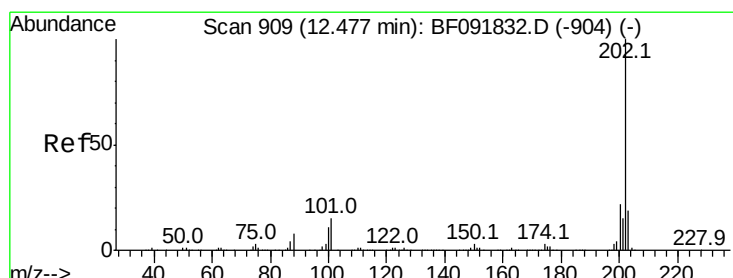
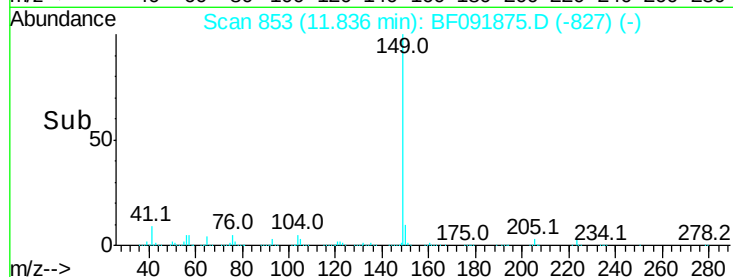
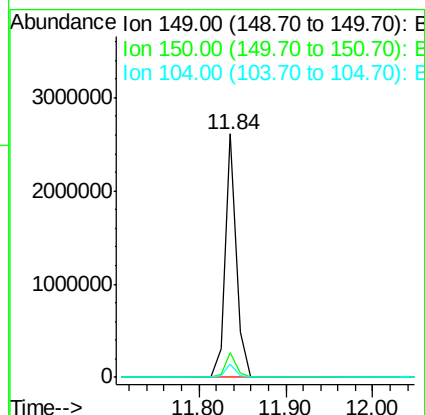
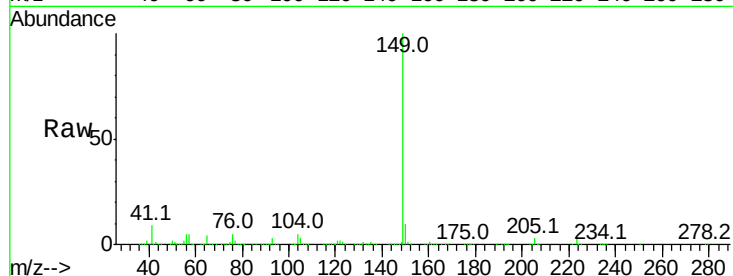
104 5.4 4.6 7.0

Manual Integrations

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#74

Fluoranthene

Concen: 40.17 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

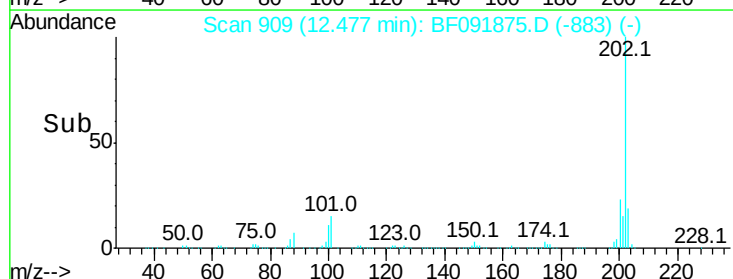
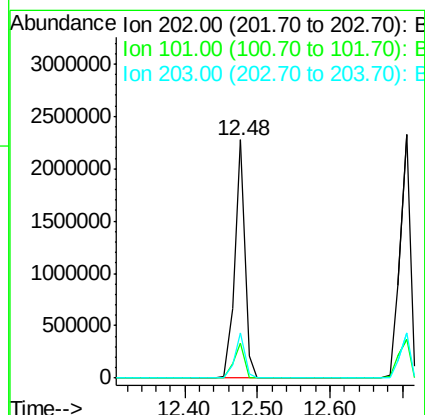
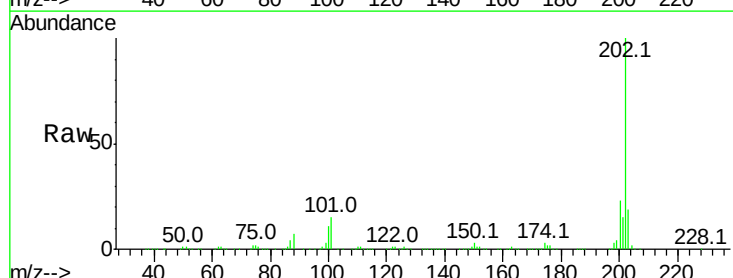
Tgt Ion:202 Resp: 2194440

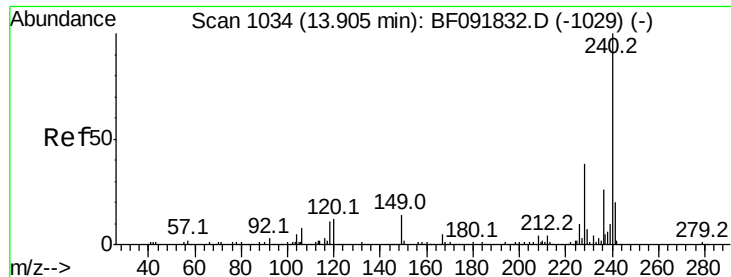
Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

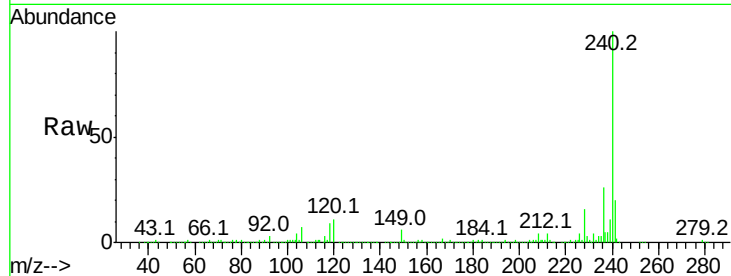
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.9	19.3#
236	25.8	20.9	31.3

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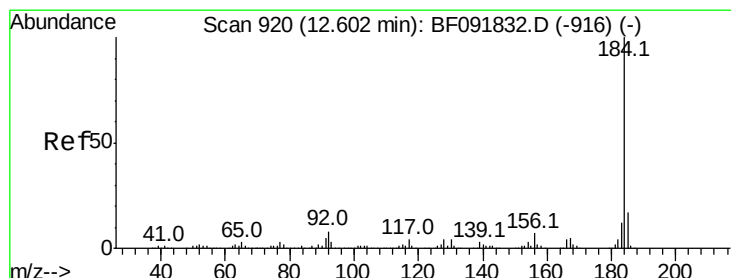
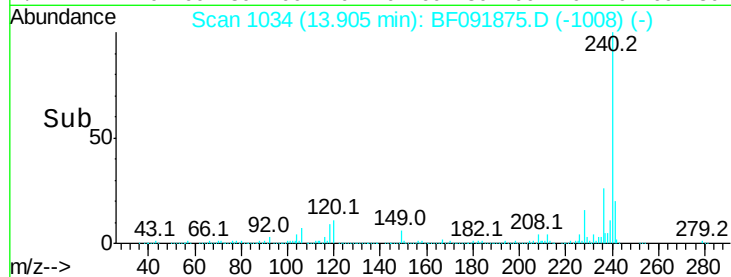
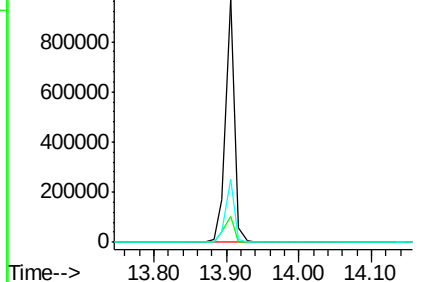
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.72 ng

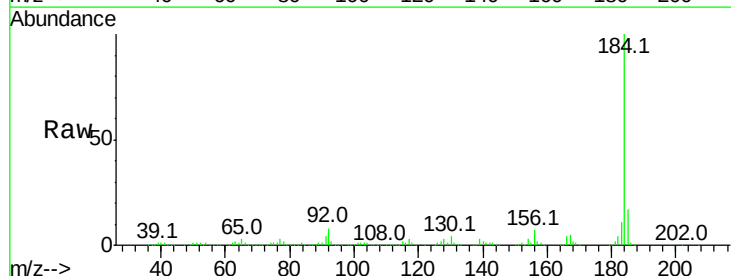
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

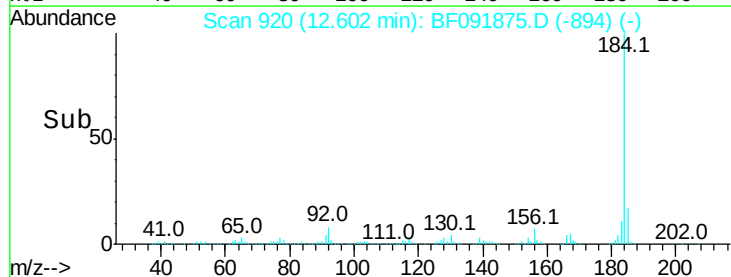
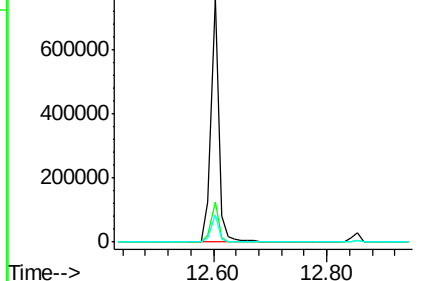
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	11.3	9.2	13.8

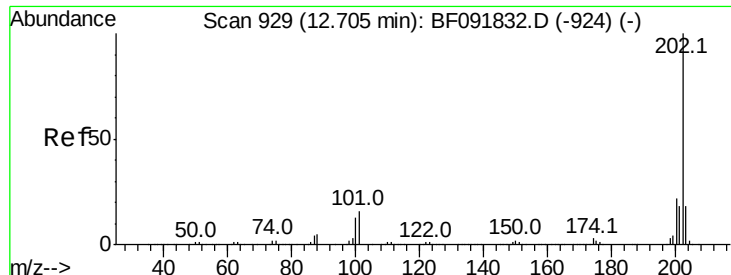


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





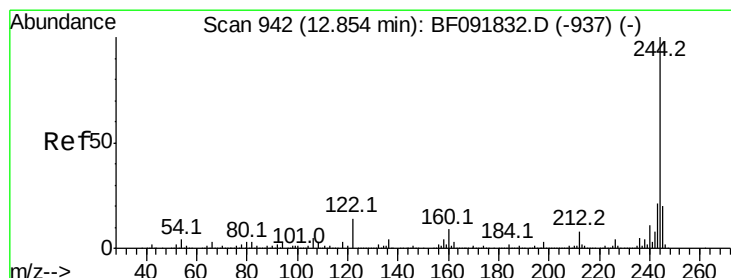
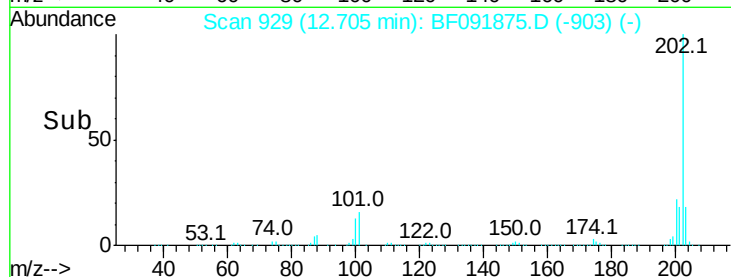
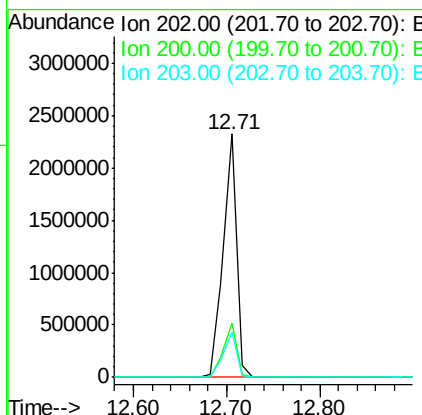
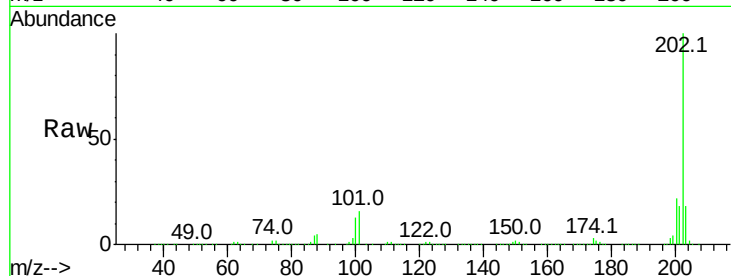
#77
Pvrene
Concen: 37.56 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.5	14.7	22.1

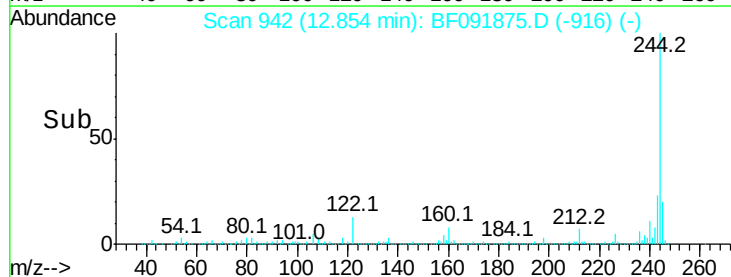
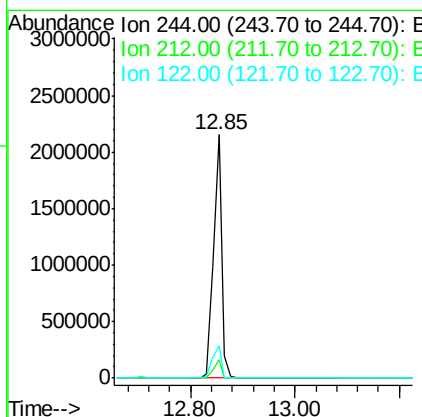
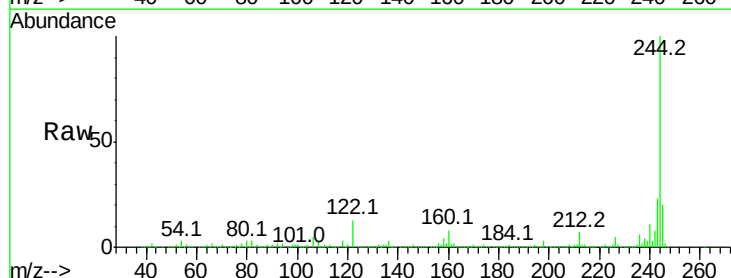
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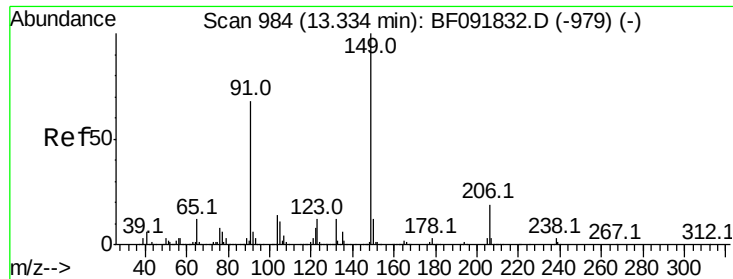
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#78
Terphenyl-d14
Concen: 67.42 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.4	11.4	17.2





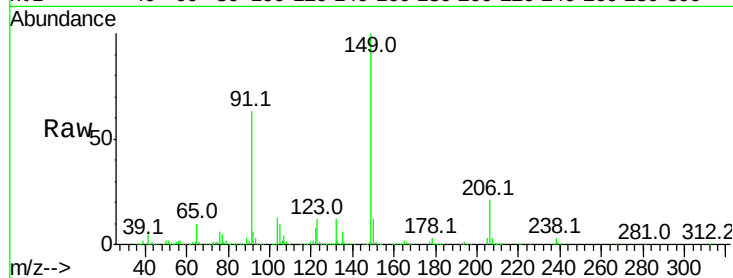
#79
Butylbenzylphthalate
Concen: 41.28 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

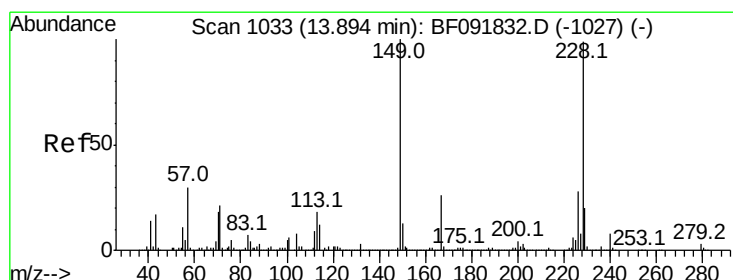
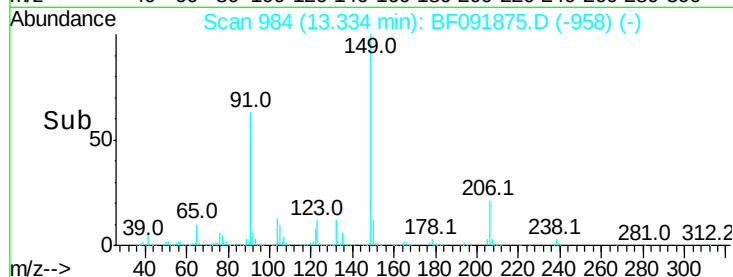
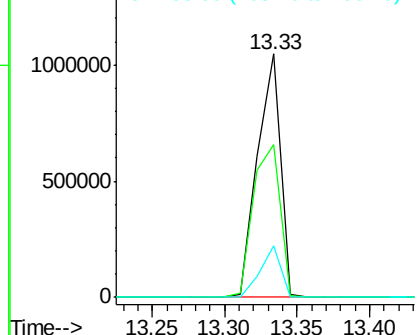
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.0	63.9	95.9#
206	21.4	14.6	21.8

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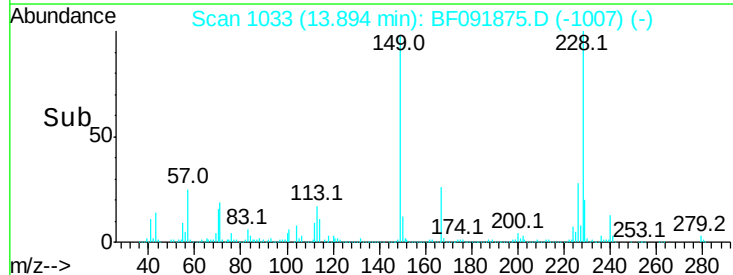
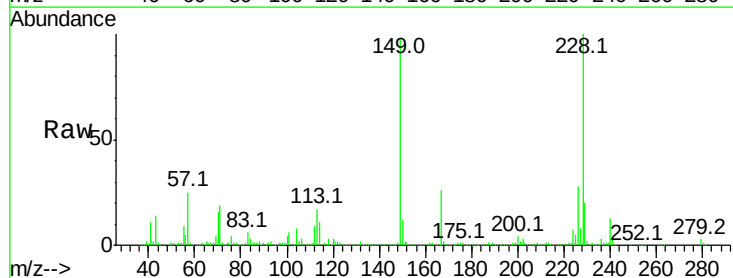
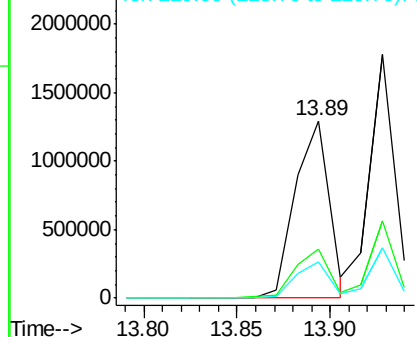
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

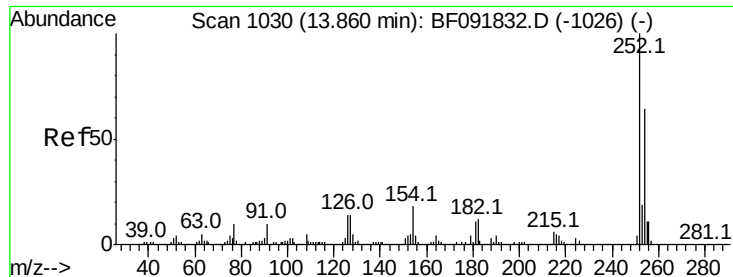


#80
Benzo(a)anthracene
Concen: 34.94 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.1	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





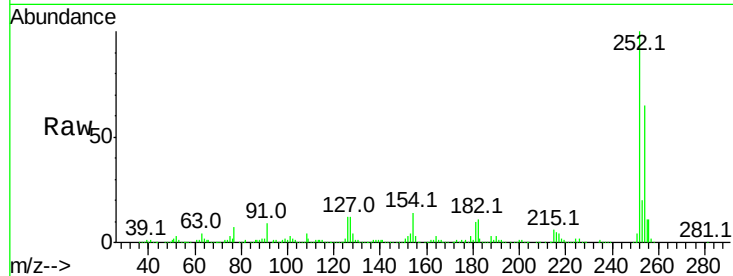
#81
 3,3'-Dichlorobenzidine
 Concen: 35.81 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

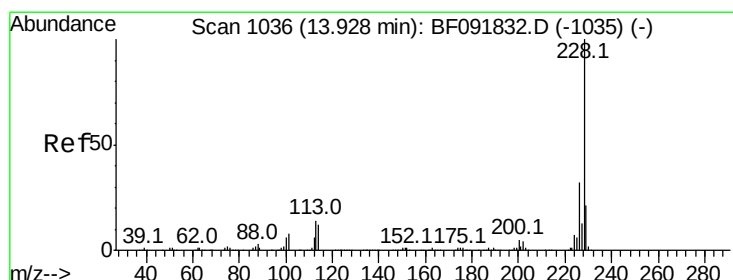
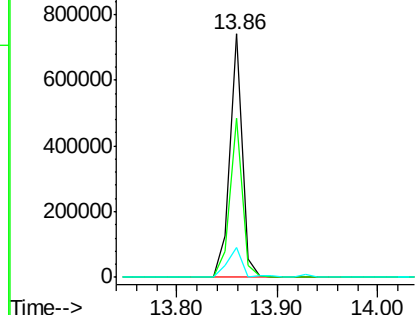
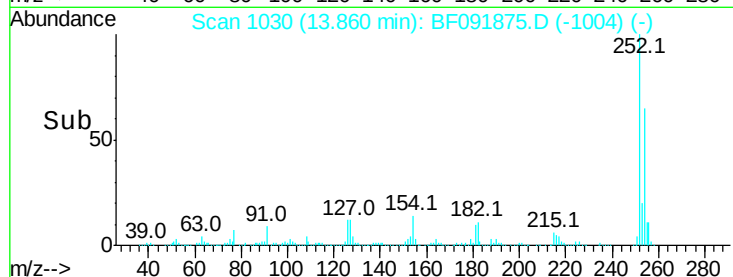
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.3	78.5
126	12.5	13.6	20.4

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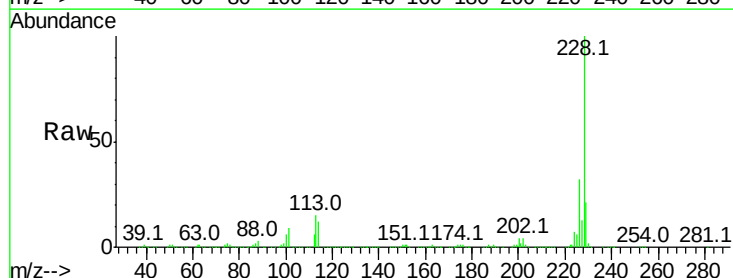


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

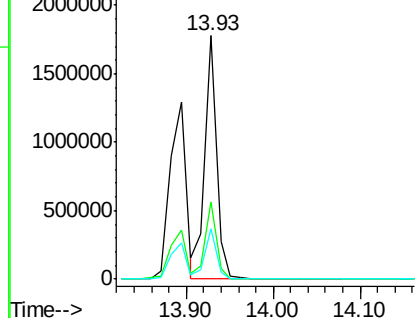
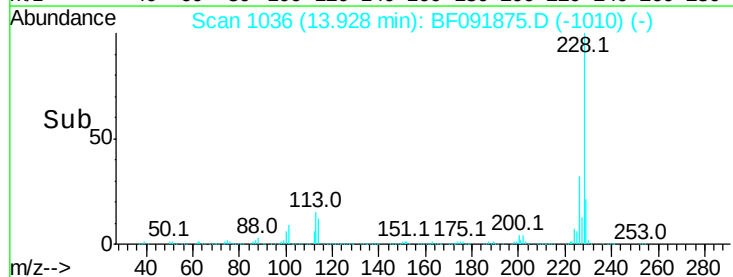


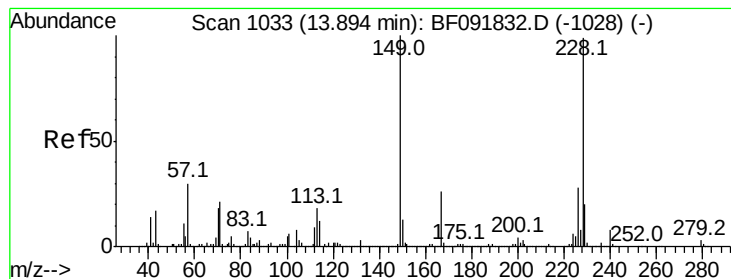
#82
 Chrysene
 Concen: 34.97 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.6	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.15 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1225535

Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

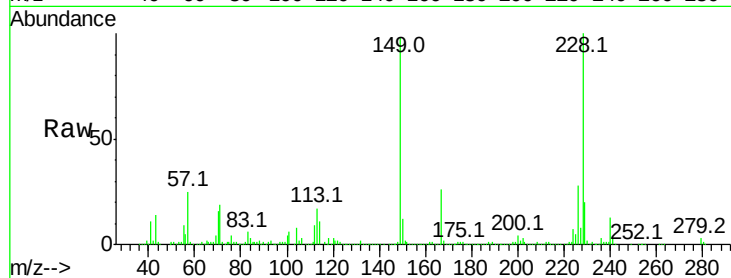
279 3.3 1.8 2.8#

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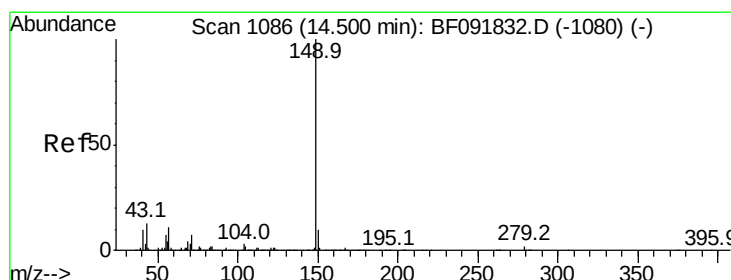
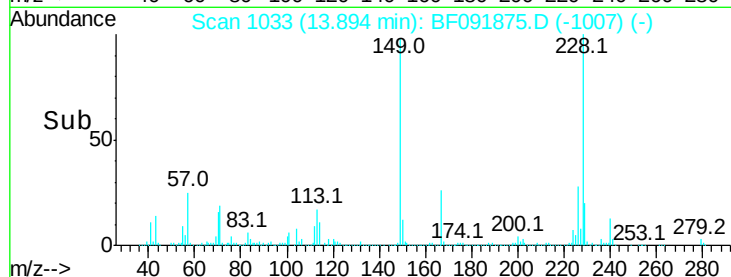
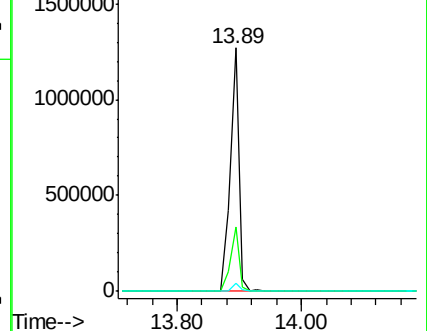
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.54 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

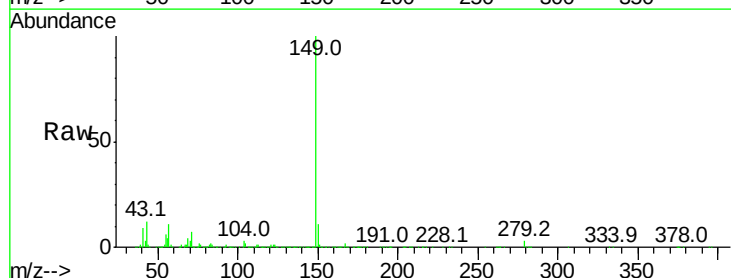
Tgt Ion:149 Resp: 2355156

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

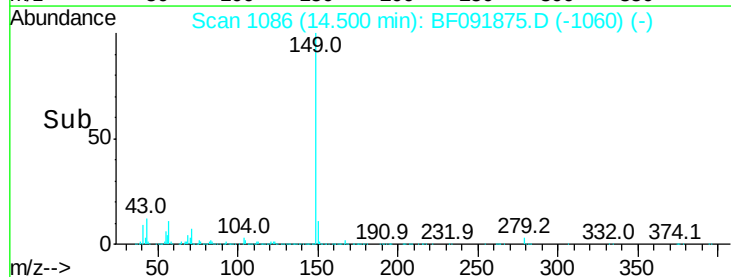
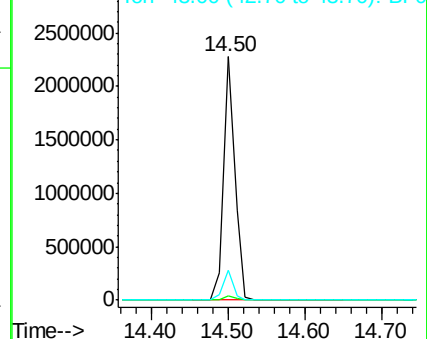
43 11.1 8.9 13.3

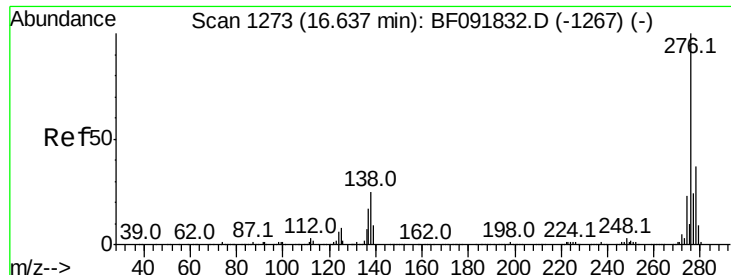


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





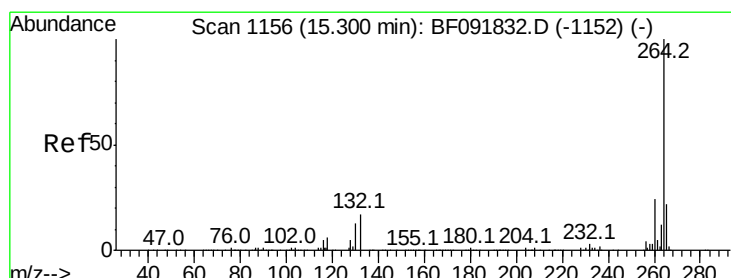
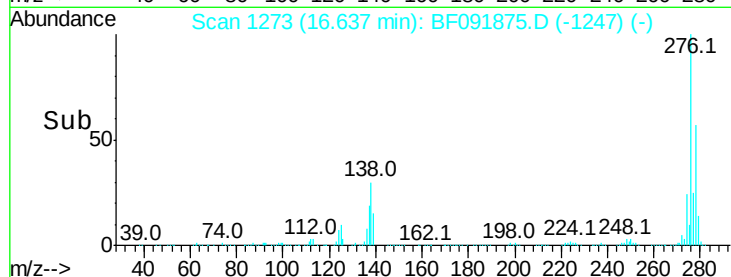
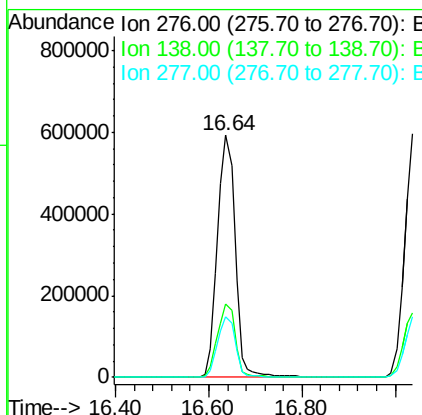
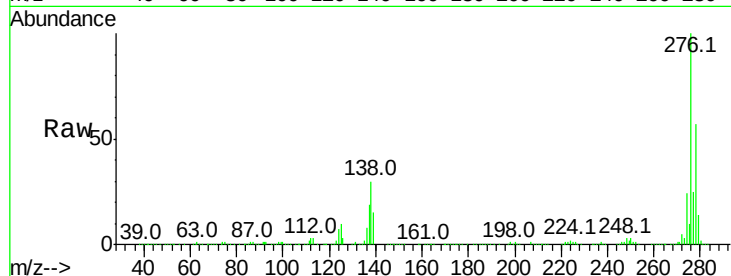
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.20 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	21.8	32.6
277	25.0	20.2	30.4

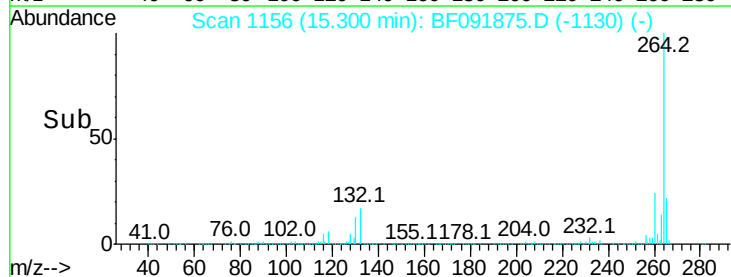
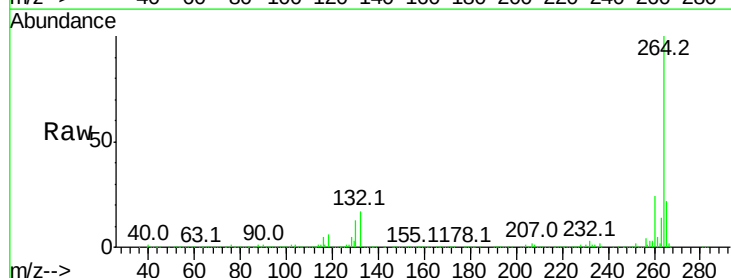
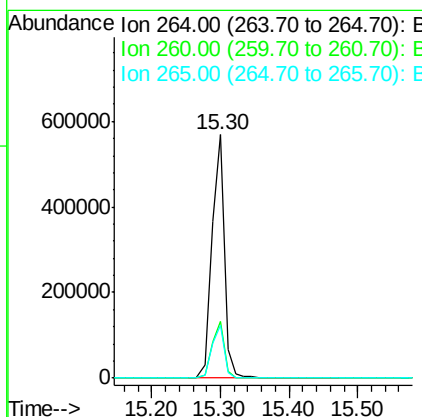
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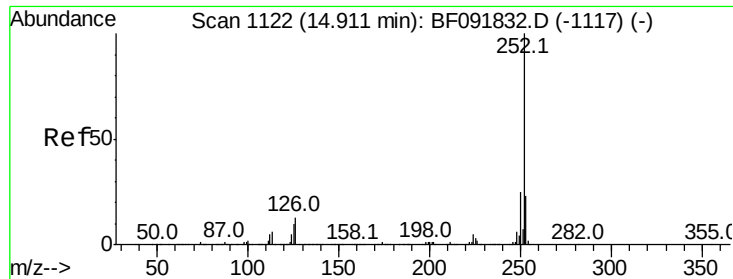
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 43.25 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Instrument :

BNA_F

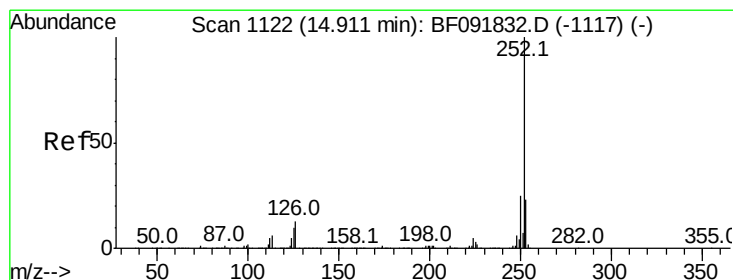
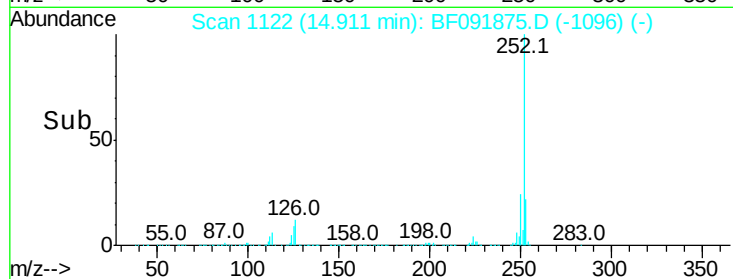
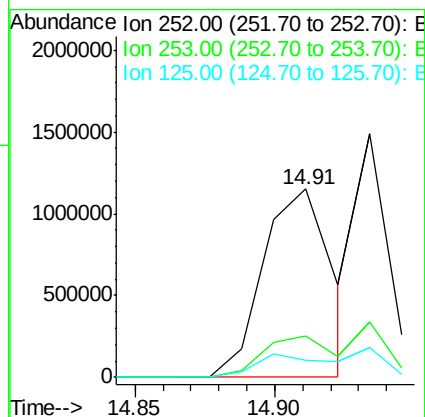
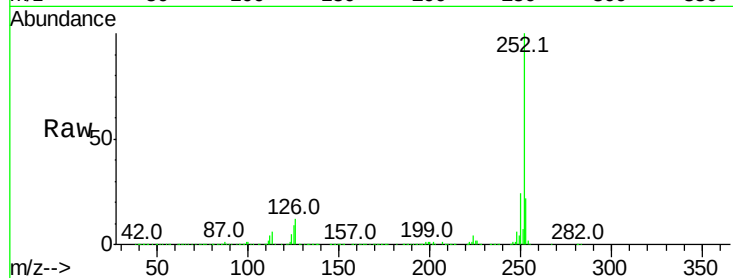
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	8.9	9.8	14.6#

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#88

Benzo(k)fluoranthene

Concen: 32.13 ng m

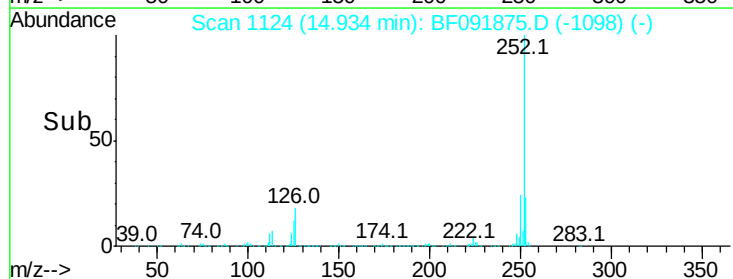
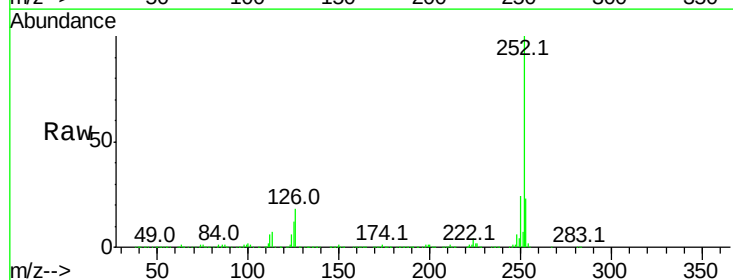
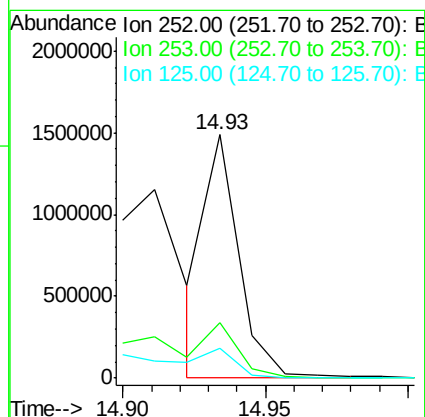
RT: 14.93 min Scan# 1124

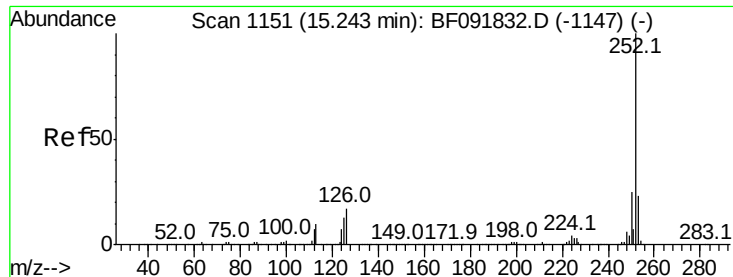
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	12.3	8.9	13.3





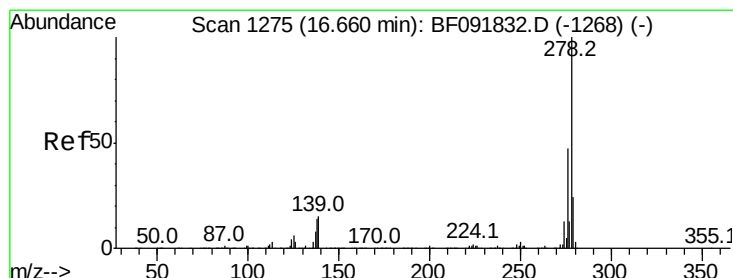
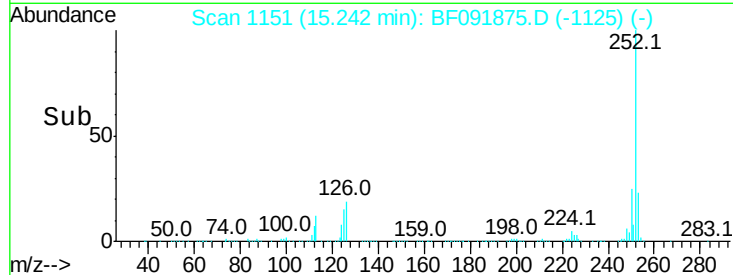
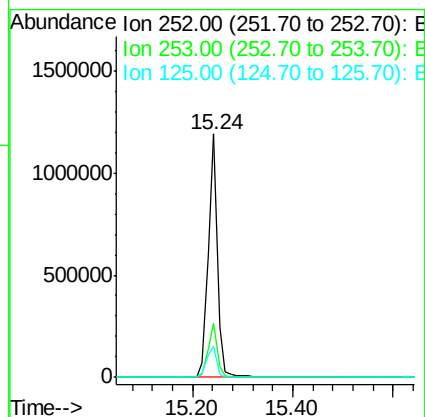
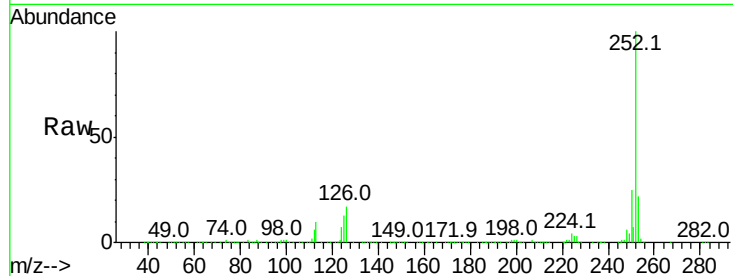
#89
Benzo(a)pyrene
Concen: 37.54 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.7	10.0	15.0

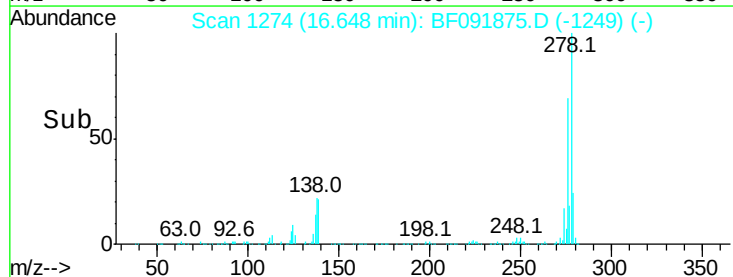
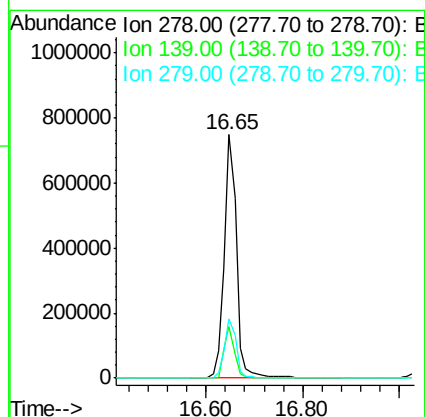
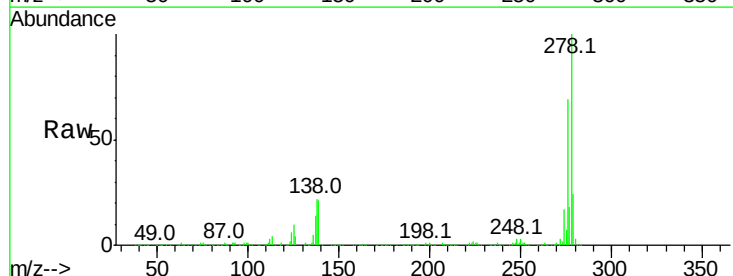
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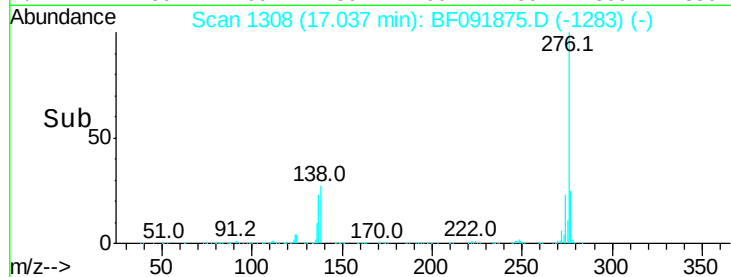
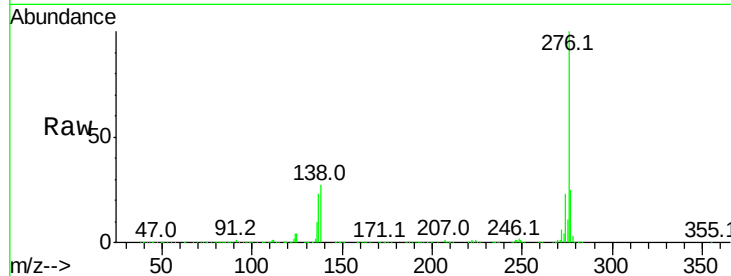
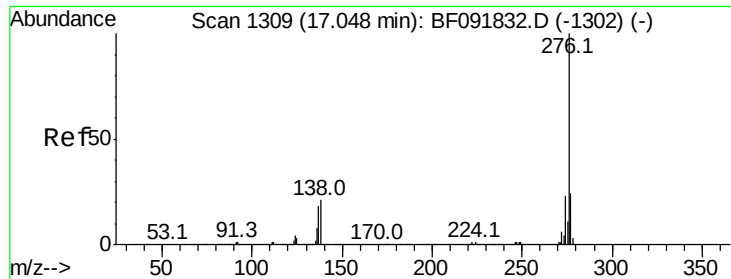
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#90
Dibenzo(a,h)anthracene
Concen: 40.24 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	24.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.43 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	26.6	16.0	24.0

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