

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092205.D
 Acq On : 12 Jan 2017 13:00
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:06:54 AM

Quant Time: Jan 12 16:16:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	234554	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	1010837	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	476739	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	907593	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	572339	20.00	ng	-0.05
86) Perylene-d12	15.10	264	561174	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1016762	72.38	ng	-0.05
7) Phenol-d6	6.26	99	1150147	67.06	ng	-0.05
23) Nitrobenzene-d5	7.18	82	1328156	73.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	311782	79.02	ng	-0.05
44) 2-Fluorobiphenyl	8.97	172	2099694	91.18	ng	-0.03
78) Terphenyl-d14	12.70	244	2085306	88.36	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	238506	34.49	ng	100
3) Pyridine	2.68	79	711748	29.49	ng	96
4) n-Nitrosodimethylamine	2.64	42	288509	31.69	ng	98
6) Aniline	6.26	93	782990	35.15	ng	# 51
8) 2-Chlorophenol	6.39	128	582677	36.47	ng	94
9) Benzaldehyde	6.14	77	336272	32.03	ng	96
10) Phenol	6.28	94	658583	33.70	ng	85
11) bis(2-Chloroethyl)ether	6.34	93	517210	33.26	ng	96
12) 1,3-Dichlorobenzene	6.54	146	731583	42.89	ng	98
13) 1,4-Dichlorobenzene	6.62	146	727230	41.89	ng	94
14) 1,2-Dichlorobenzene	6.77	146	563363	37.39	ng	99
15) Benzyl Alcohol	6.76	79	461075	34.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	901584	38.93	ng	# 45
17) 2-Methylphenol	6.89	107	480635	37.40	ng	# 92
18) Hexachloroethane	7.11	117	254351	39.51	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	416020	36.46	ng	99
20) 3+4-Methylphenols	7.04	107	658220	42.94	ng	# 70
22) Acetophenone	7.02	105	912703	36.61	ng	# 93
24) Nitrobenzene	7.19	77	632541	32.67	ng	99
25) Isophorone	7.44	82	1224371	36.51	ng	99
26) 2-Nitrophenol	7.51	139	357205	37.41	ng	94
27) 2,4-Dimethylphenol	7.57	122	546994	34.54	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	727180	35.75	ng	98
29) 2,4-Dichlorophenol	7.76	162	512418	38.21	ng	91
30) 1,2,4-Trichlorobenzene	7.83	180	552037	37.57	ng	94
31) Naphthalene	7.91	128	1898617	41.04	ng	99
32) Benzoic acid	7.74	122	502173	42.75	ng	89
33) 4-Chloroaniline	7.97	127	734448	35.21	ng	98
34) Hexachlorobutadiene	8.04	225	305264	39.35	ng	98
35) Caprolactam	8.36	113	154612	35.09	ng	# 65
36) 4-Chloro-3-methylphenol	8.47	107	515976	33.44	ng	99
37) 2-Methylnaphthalene	8.60	142	1111202	37.31	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	476995	39.60	ng	99
40) Hexachlorocyclopentadiene	8.76	237	229585	44.65	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
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 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
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 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	351448	41.72	nq	98
43) 2,4,5-Trichlorophenol	8.94	196	344195	39.70	nq #	91
45) 1,1'-Biphenyl	9.06	154	1297172	39.74	nq	98
46) 2-Chloronaphthalene	9.09	162	1026140	39.70	nq	97
47) 2-Nitroaniline	9.19	65	326435	35.47	nq	100
48) Acenaphthylene	9.50	152	1576822	39.66	nq	99
49) Dimethylphthalate	9.37	163	1185247	38.87	nq	98
50) 2,6-Dinitrotoluene	9.44	165	300323	45.00	nq #	87
51) Acenaphthene	9.67	154	1037318	38.49	nq	99
52) 3-Nitroaniline	9.60	138	307163	37.19	nq	97
53) 2,4-Dinitrophenol	9.72	184	151970	40.92	nq #	55
54) Dibenzofuran	9.84	168	1339328	36.79	nq	97
55) 4-Nitrophenol	9.80	139	202013	36.02	nq	94
56) 2,4-Dinitrotoluene	9.84	165	311263	37.16	nq #	83
57) Fluorene	10.18	166	1151709	43.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	274448	40.03	nq	97
59) Diethylphthalate	10.07	149	1141238	38.54	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	465429	40.14	nq	98
61) 4-Nitroaniline	10.22	138	345883	40.41	nq	95
62) Azobenzene	10.33	77	1284000	39.38	nq	98
64) 4,6-Dinitro-2-methylphenol	10.25	198	218589	39.83	nq	78
65) n-Nitrosodiphenylamine	10.30	169	905318	33.62	nq	100
66) 4-Bromophenyl-phenylether	10.66	248	347325	36.79	nq	92
67) Hexachlorobenzene	10.73	284	387268	38.38	nq #	88
68) Atrazine	10.84	200	314958	36.25	nq	98
69) Pentachlorophenol	10.93	266	174274	35.20	nq	98
70) Phenanthrene	11.13	178	1684795	34.23	nq	99
71) Anthracene	11.19	178	1993588	46.05	nq	99
72) Carbazole	11.35	167	1715577	40.54	nq	99
73) Di-n-butylphthalate	11.69	149	2202436	47.45	nq #	97
74) Fluoranthene	12.32	202	1938285	44.88	nq	93
76) Benzidine	12.45	184	731938	52.07	nq	96
77) Pyrene	12.54	202	1789181	42.61	nq	99
79) Butylbenzylphthalate	13.18	149	959800	50.25	nq #	83
80) Benzo(a)anthracene	13.73	228	1467328	45.42	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	581551	47.47	nq #	94
82) Chrysene	13.76	228	1388230	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	1062651	47.25	nq #	98
84) Di-n-octyl phthalate	14.35	149	1956825	46.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.35	276	1236846	44.06	nq	96
87) Benzo(b)fluoranthene	14.73	252	1483661m	42.47	nq	
88) Benzo(k)fluoranthene	14.76	252	1004120m	33.70	nq	
89) Benzo(a)pyrene	15.04	252	1172688	37.82	nq	98
90) Dibenzo(a,h)anthracene	16.36	278	1038970	40.76	nq	99
91) Benzo(g,h,i)perylene	16.71	276	1112254	41.97	nq #	91

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

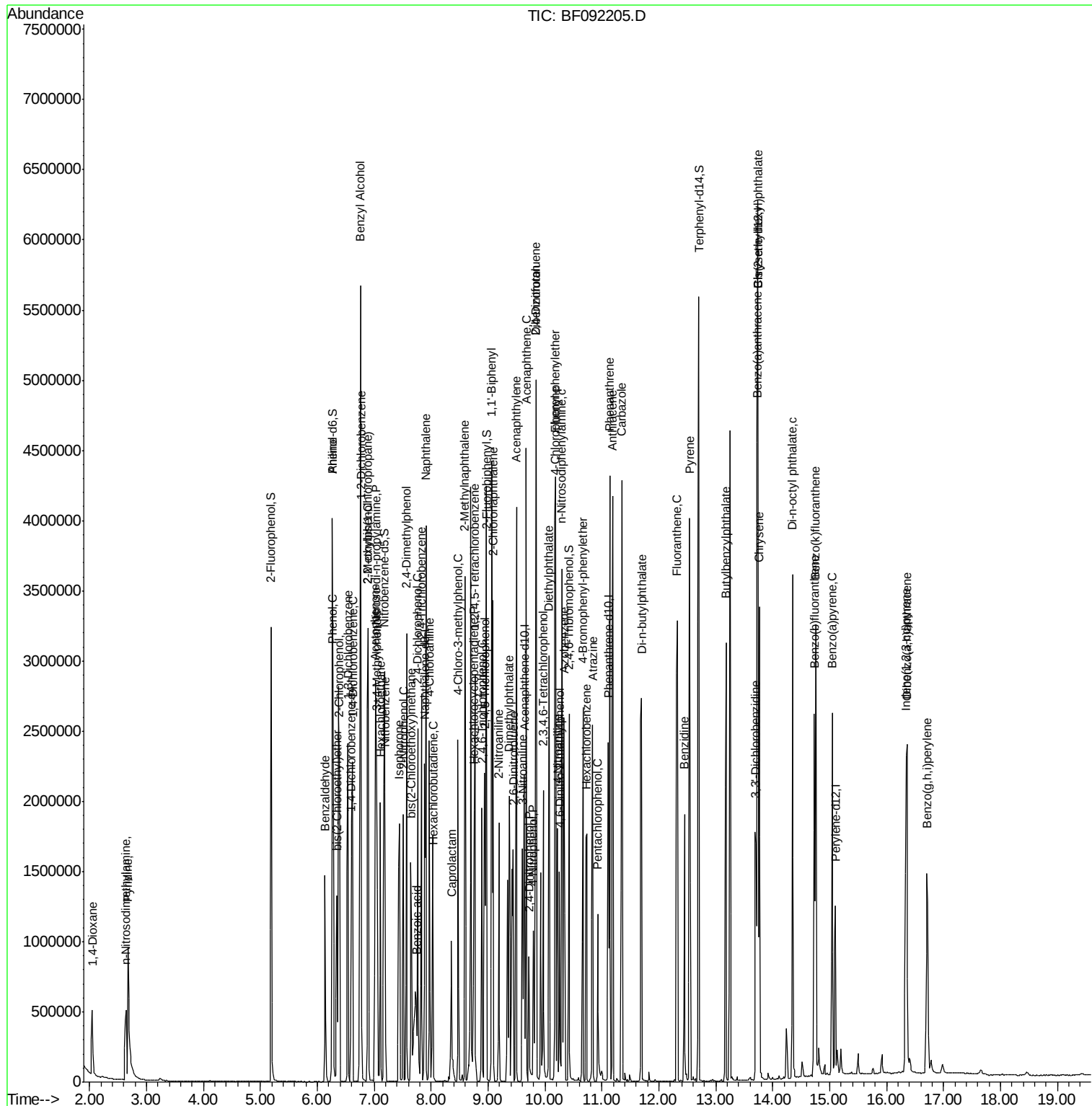
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\  
Data File : BF092205.D  
Acq On    : 12 Jan 2017  13:00  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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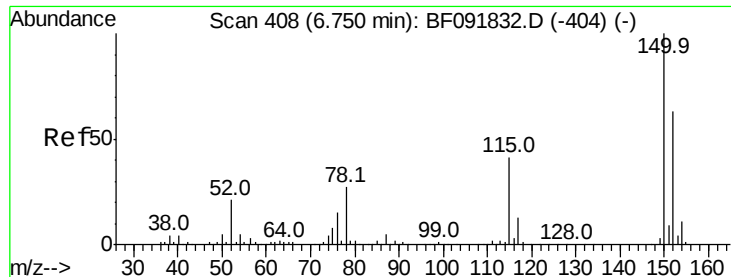
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

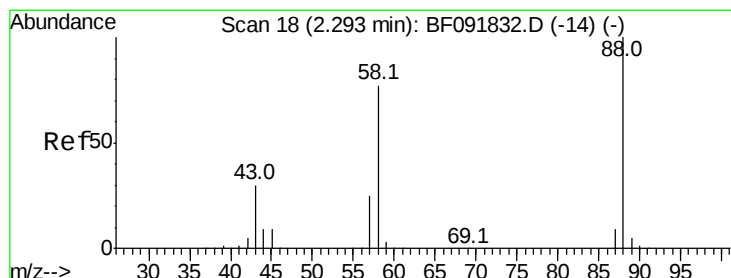
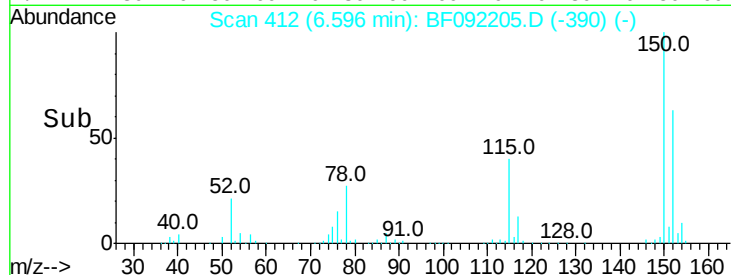
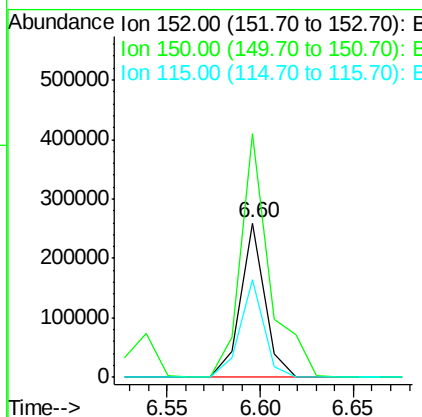
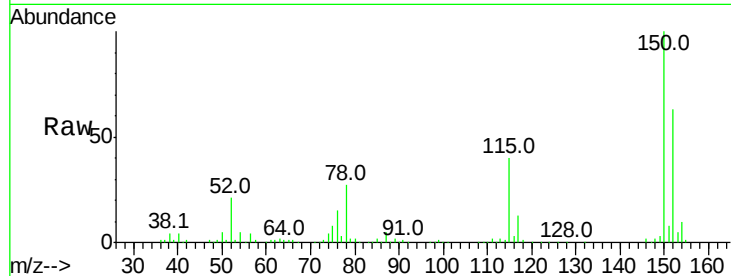
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.9	187.3
115	63.4	46.0	69.0

Manual Integrations
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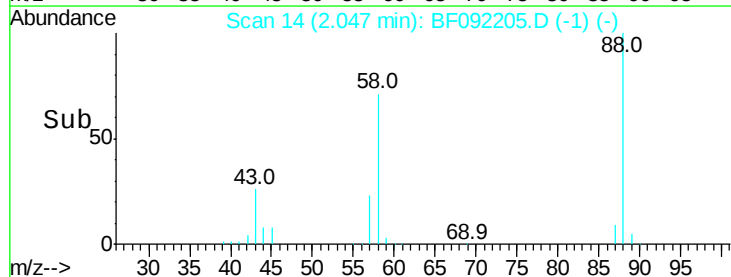
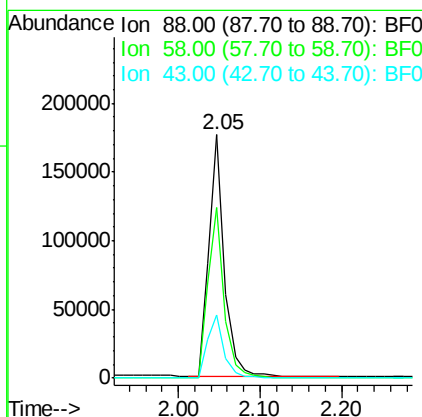
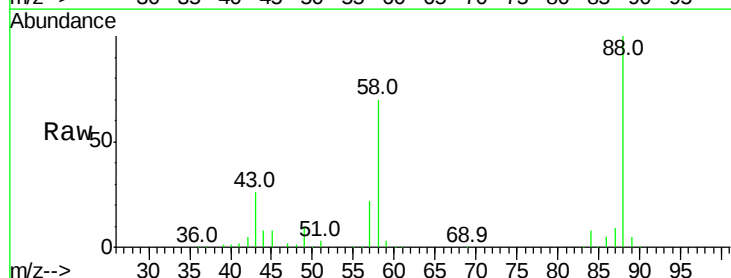
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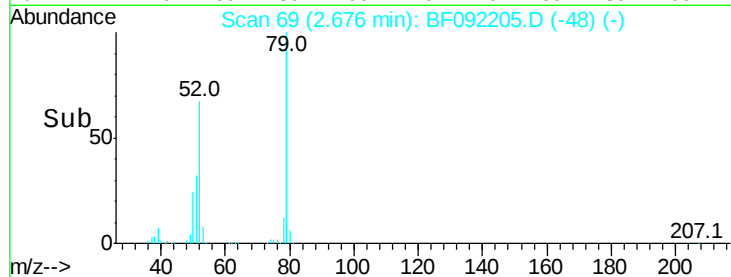
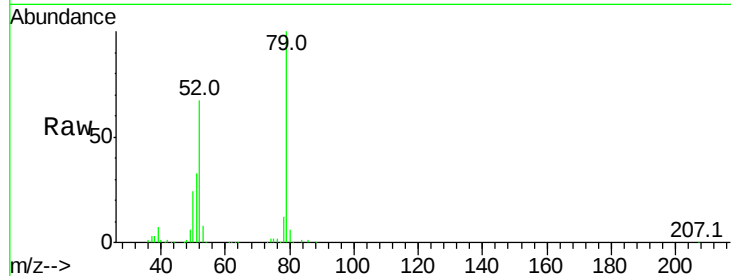
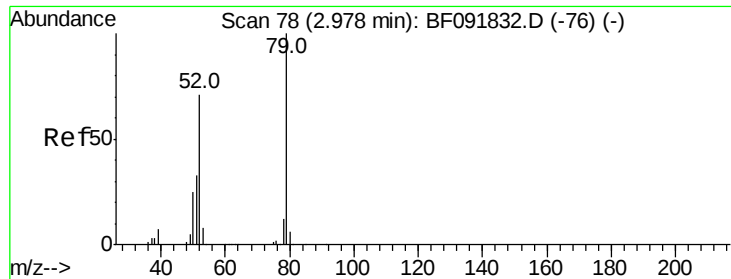


#2

1,4-Dioxane
Concen: 34.49 ng
RT: 2.05 min Scan# 14
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	57.8	86.8
43	27.5	22.3	33.5





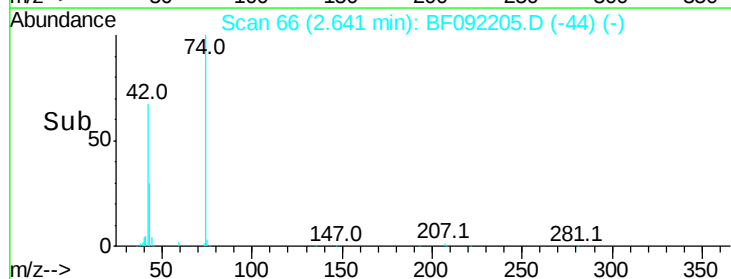
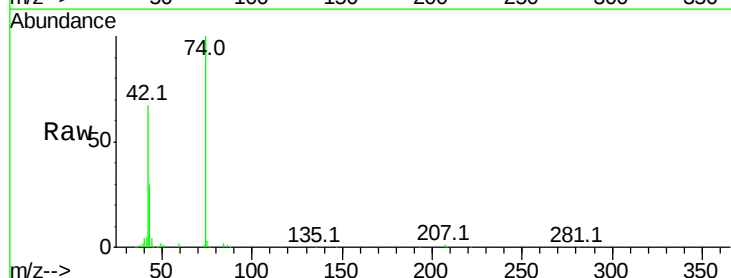
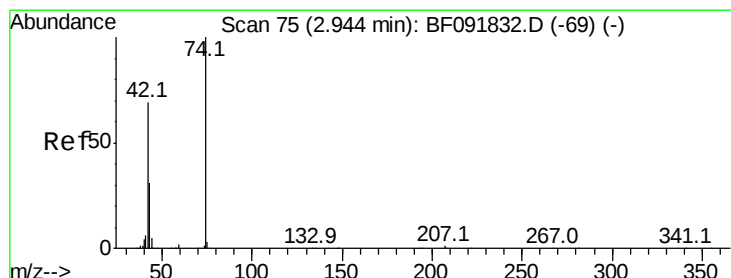
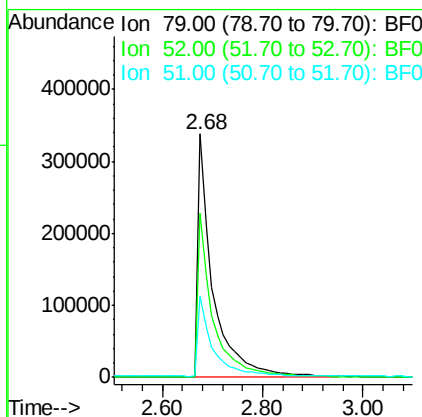
#3
Pvridine
Concen: 29.49 ng
RT: 2.68 min Scan# 69
Delta R.T. -0.06 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	711748		
52	52	67.4		57.1	85.7
51	51	33.1		27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

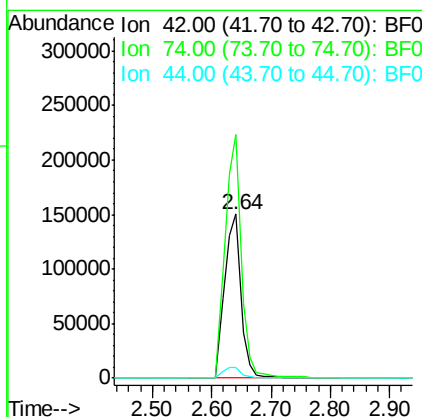
Manual Integrations
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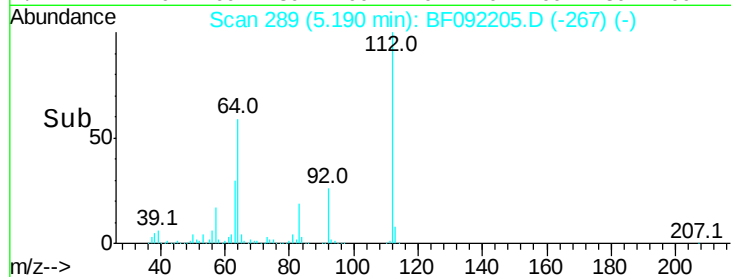
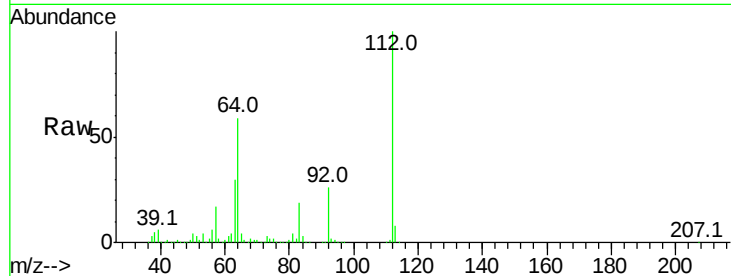
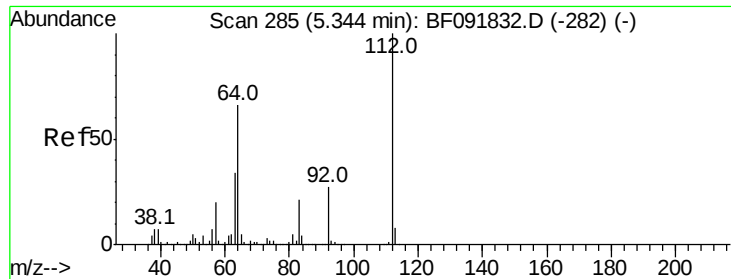
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#4
n-Nitrosodimethylamine
Concen: 31.69 ng
RT: 2.64 min Scan# 66
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	288509		
74	74	148.5		117.0	175.4
44	44	6.6		5.5	8.3





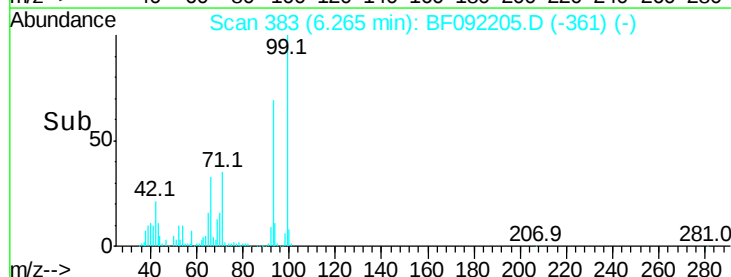
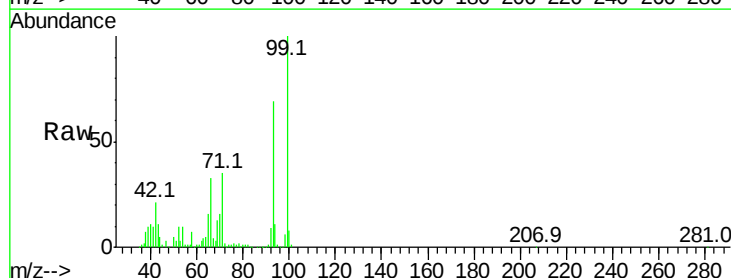
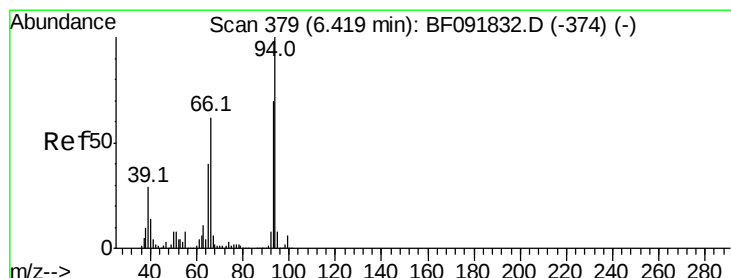
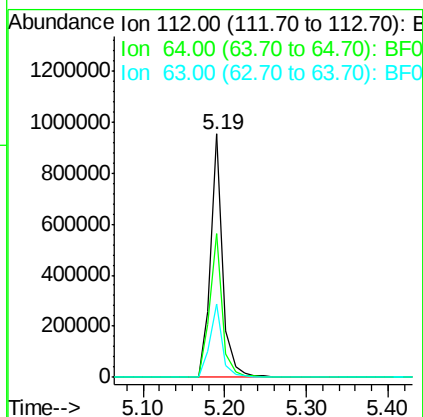
#5
2-Fluorophenol
Concen: 72.38 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tot Ion: 112 Resp: 1016762
Ion Ratio Lower Upper
112 100
64 59.1 46.1 69.1
63 29.9 23.8 35.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

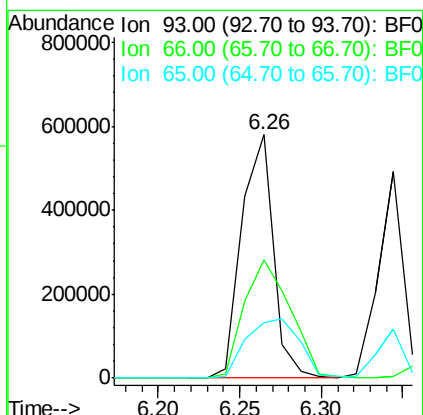
Manual Integrations
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#6
Aniline
Concen: 35.15 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion: 93 Resp: 782990
Ion Ratio Lower Upper
93 100
66 48.6 76.2 114.2#
65 23.0 49.3 73.9#





#7

Phenol-d6

Concen: 67.06 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1150147

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

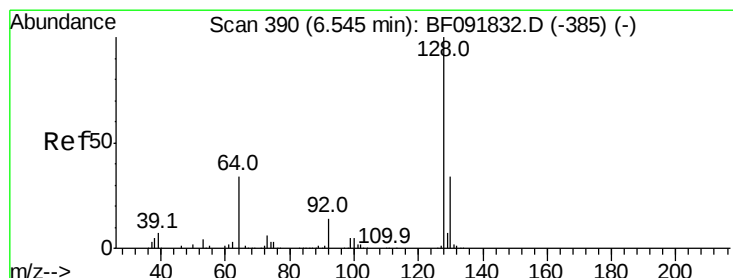
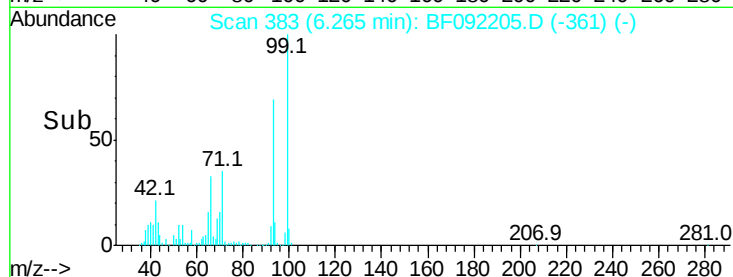
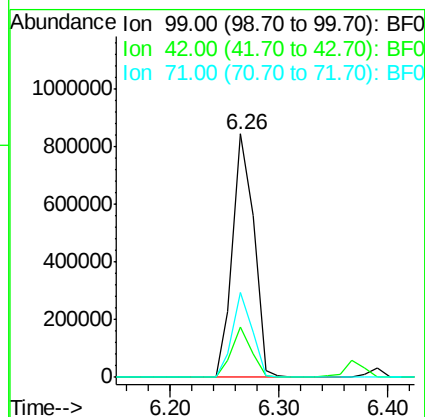
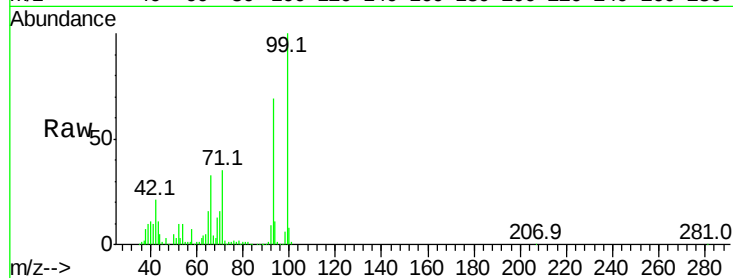
71 34.7 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.47 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

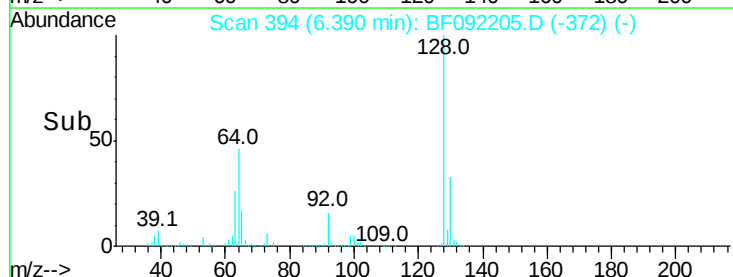
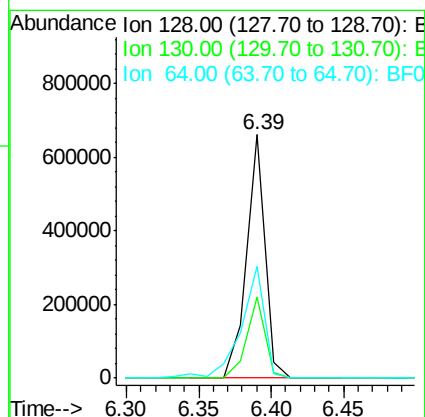
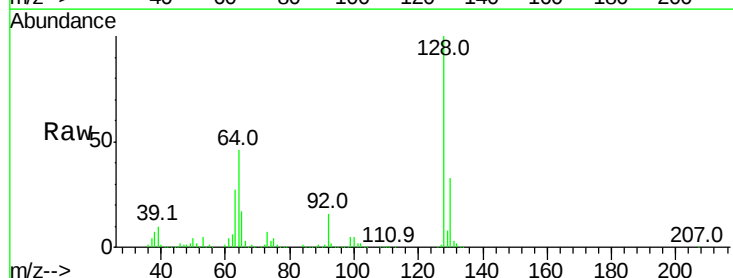
Tgt Ion:128 Resp: 582677

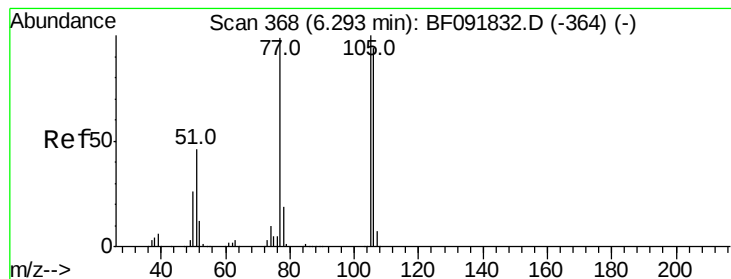
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 45.8 32.2 72.2





#9

Benzaldehyde

Concen: 32.03 ng

RT: 6.14 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

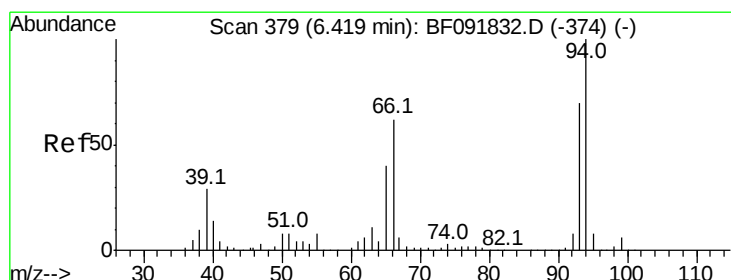
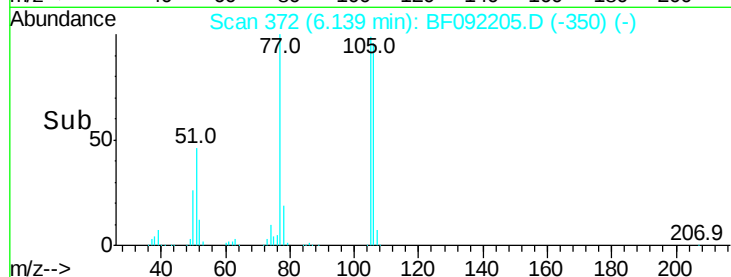
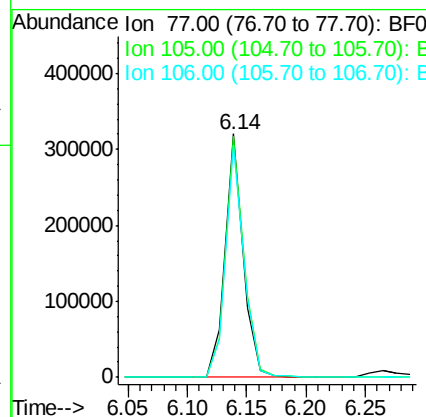
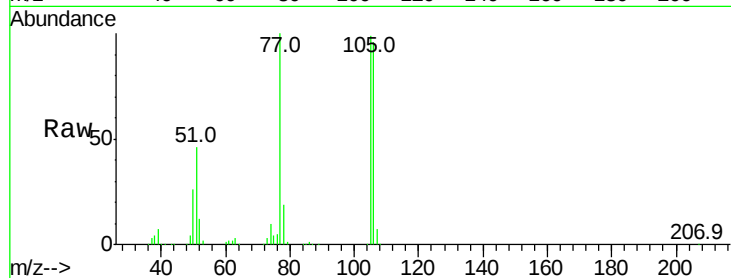
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	336272
Ion Ratio	Lower	Upper	
77	100		
105	98.8	83.9	123.9
106	95.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 33.70 ng

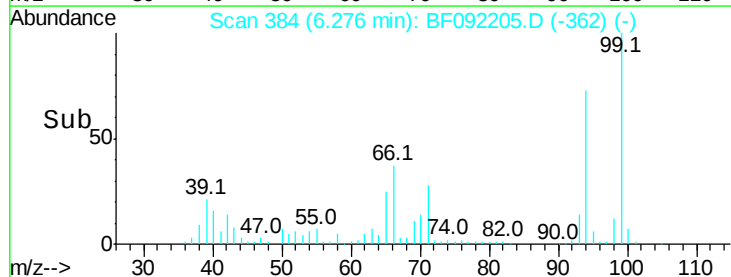
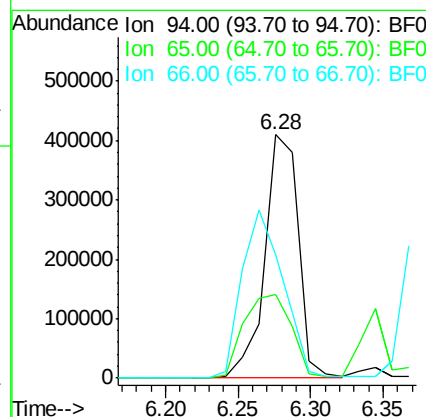
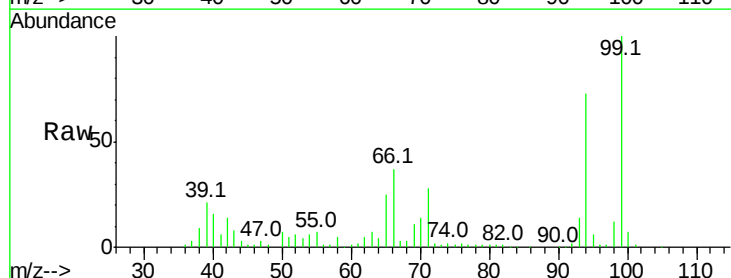
RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:	94	Resp:	658583
Ion Ratio	Lower	Upper	
94	100		
65	34.5	21.4	61.4
66	50.7	44.0	84.0





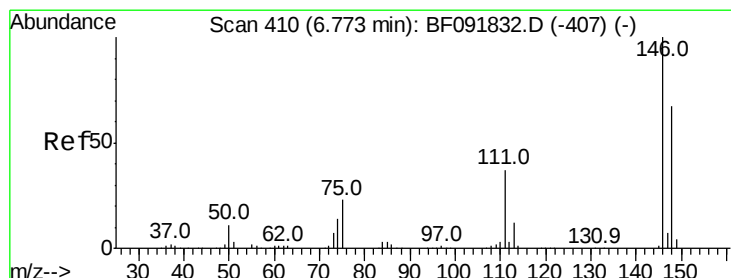
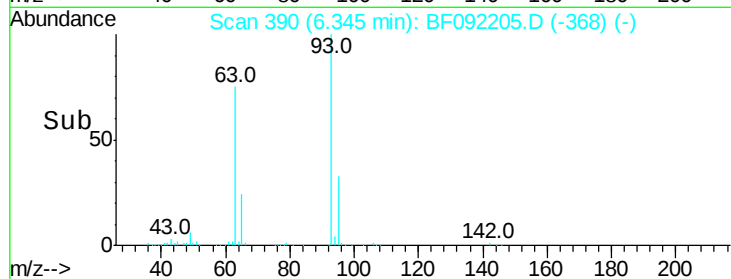
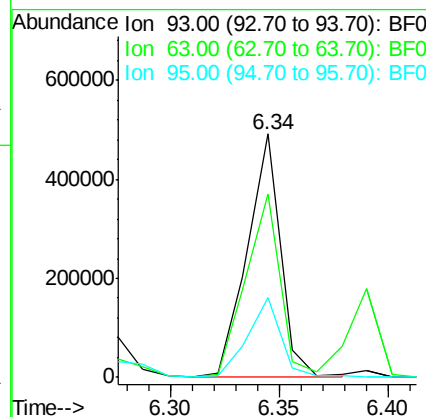
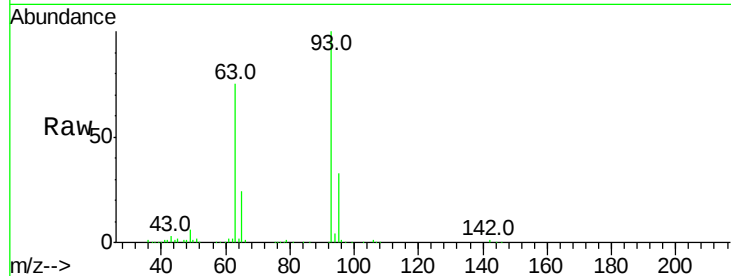
#11
bis(2-Chloroethyl)ether
Concen: 33.26 ng
RT: 6.34 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	60.4	100.4
95	32.7	12.8	52.8

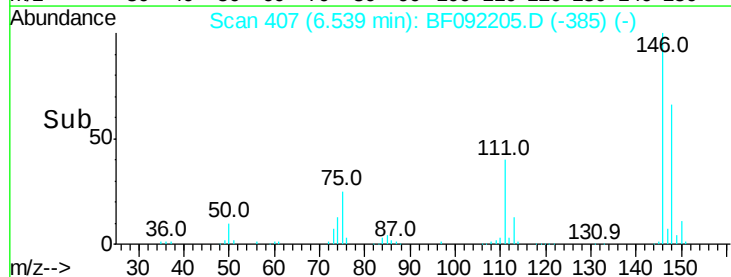
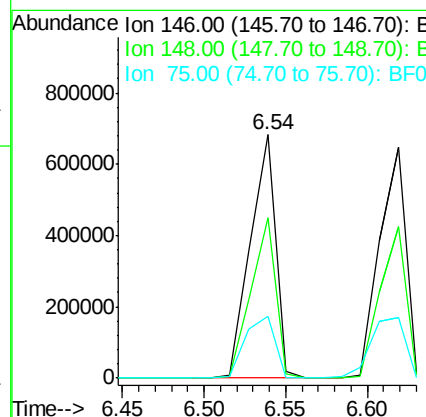
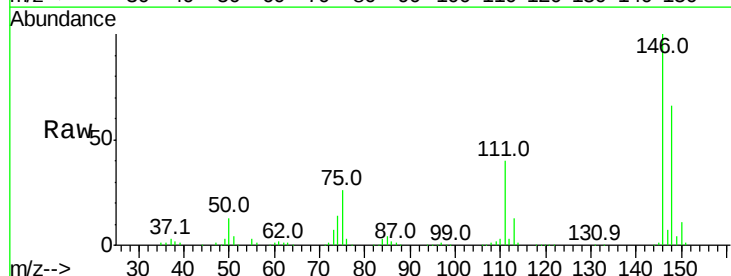
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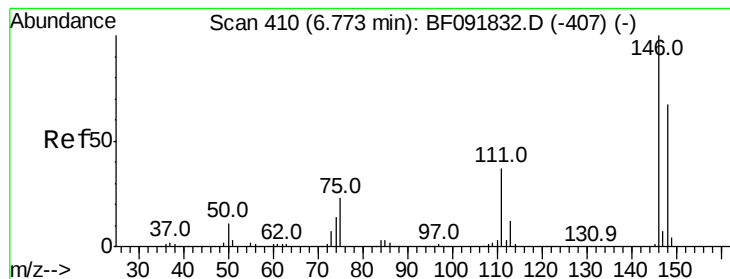
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.89 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.0
75	25.7	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.89 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

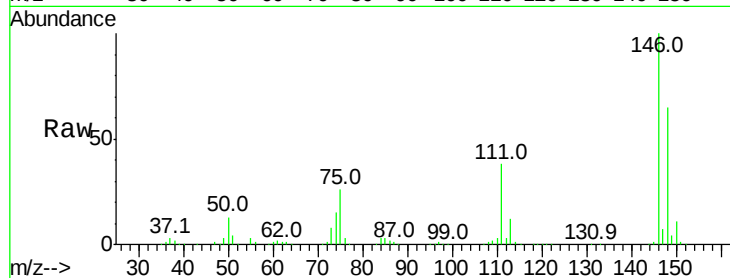
ClientSampleId :

SSTDCCC040

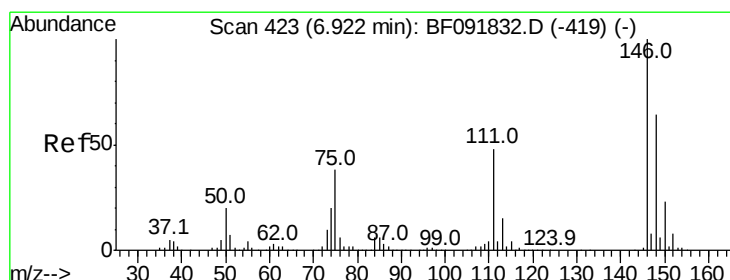
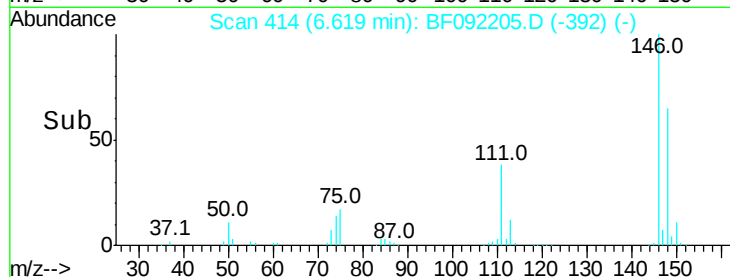
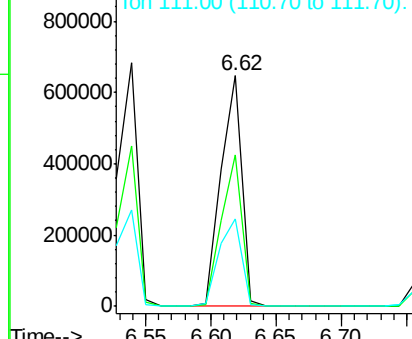
Tot Ion:	146	Resp:	727230
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.6	76.0
111	37.8	36.2	54.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.39 ng

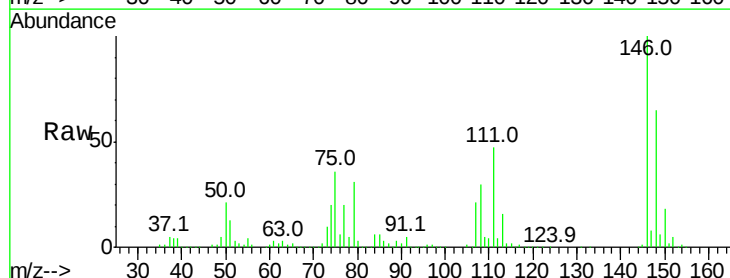
RT: 6.77 min Scan# 427

Delta R.T. -0.05 min

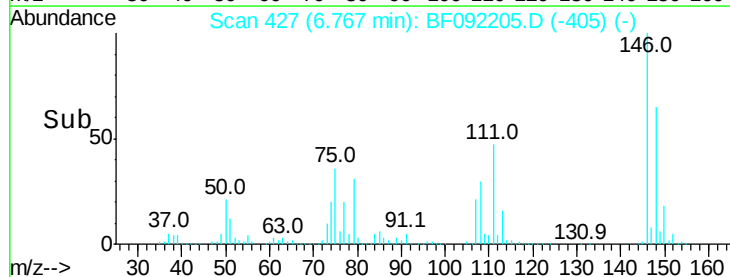
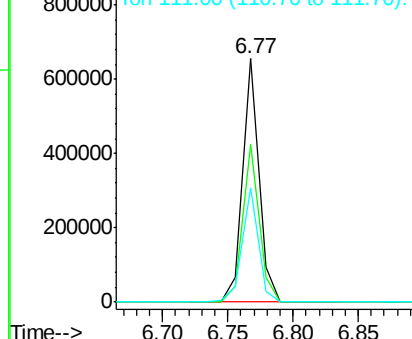
Lab File: BF092205.D

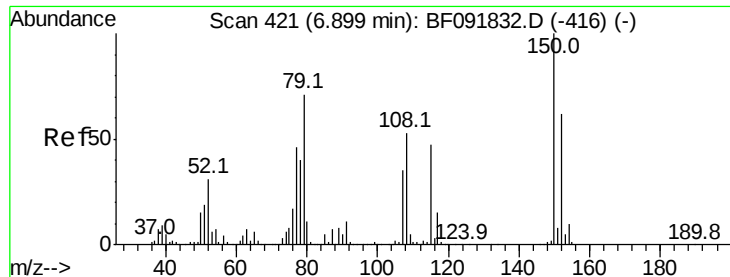
Acq: 12 Jan 2017 13:00

Tgt Ion:	146	Resp:	563363
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
111	47.2	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





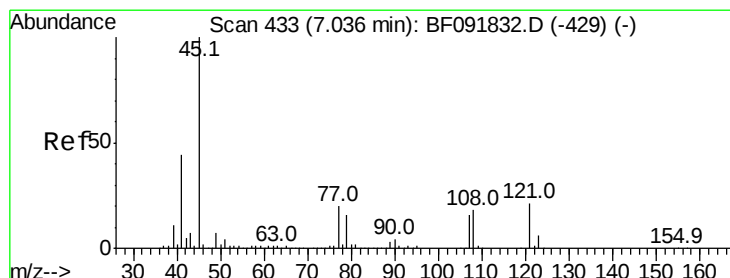
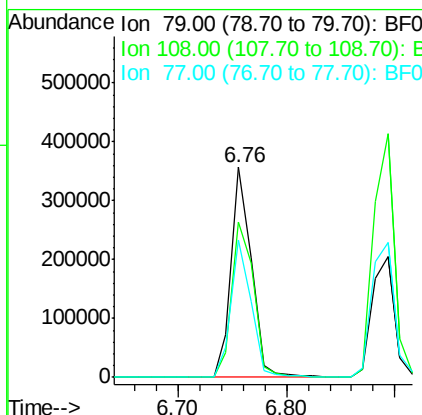
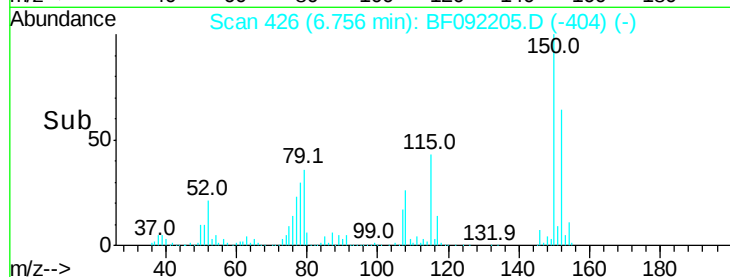
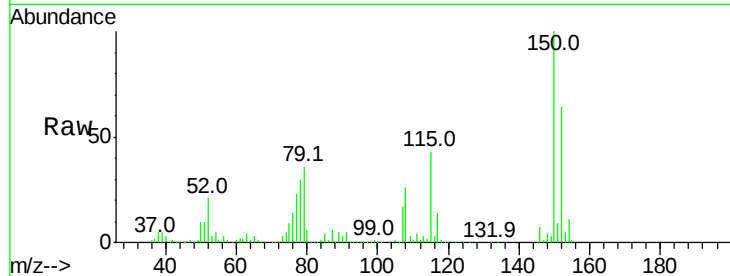
#15
Benzyl Alcohol
Concen: 34.60 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:	79	Resp:	461075
Ion Ratio	Lower	Upper	
79	100		
108	73.7	61.4	92.0
77	65.3	50.9	76.3

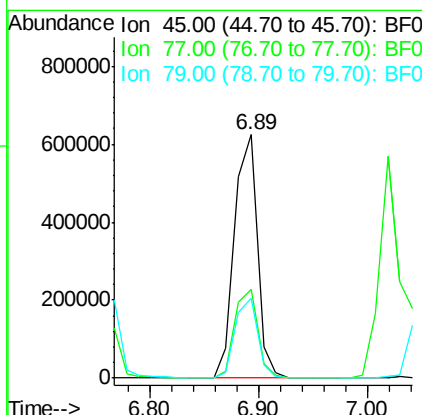
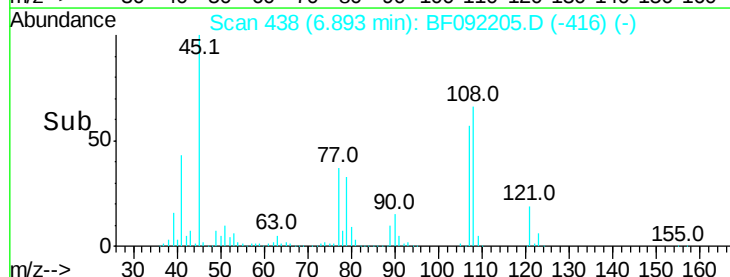
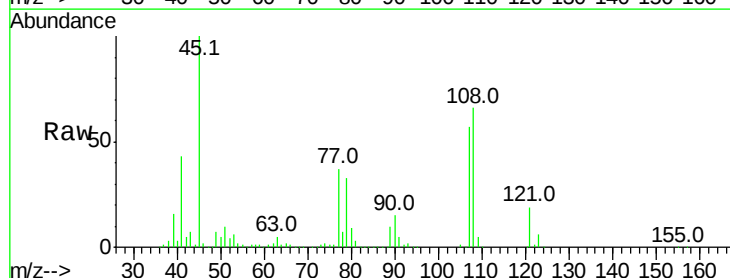
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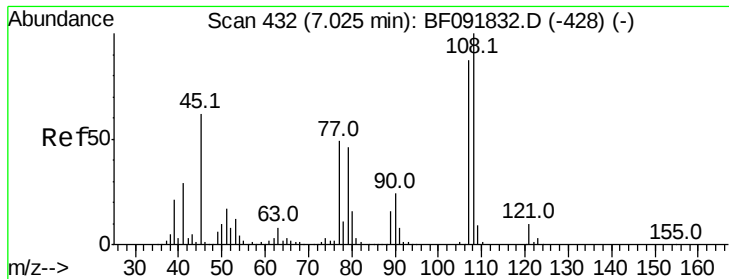
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.93 ng
RT: 6.89 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:	45	Resp:	901584
Ion Ratio	Lower	Upper	
45	100		
77	36.6	0.0	34.6#
79	33.0	0.0	31.2#





#17

2-Methylphenol

Concen: 37.40 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 480635
Ion Ratio Lower Upper

107 100

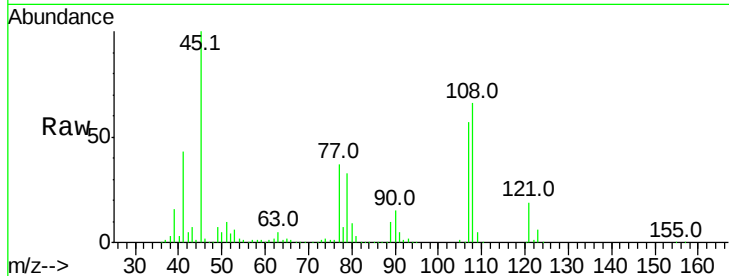
108 115.6 93.0 139.6

77 63.8 39.8 59.8#

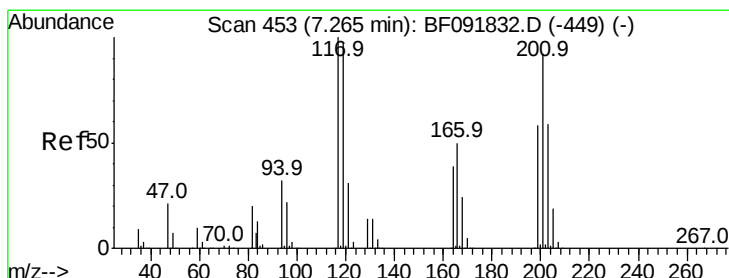
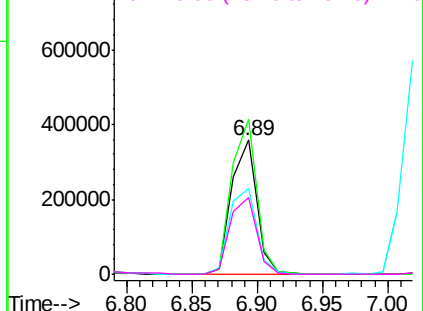
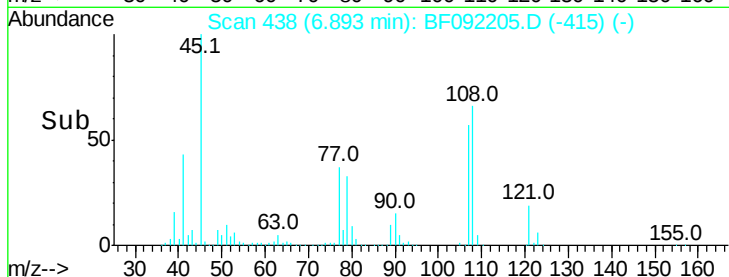
79 57.5 38.0 57.0#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.51 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF092205.D

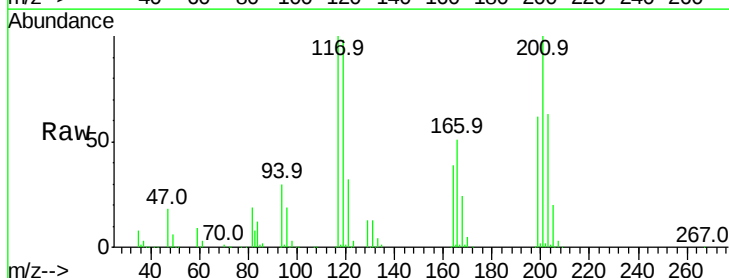
Acq: 12 Jan 2017 13:00

Tgt Ion:117 Resp: 254351
Ion Ratio Lower Upper

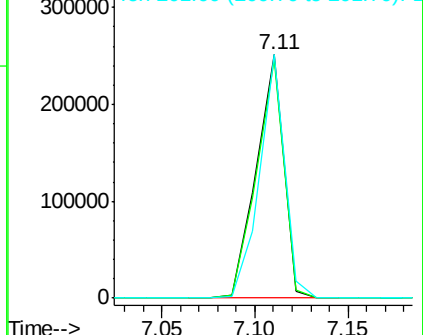
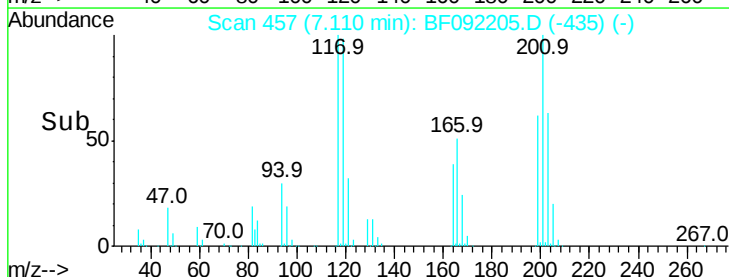
117 100

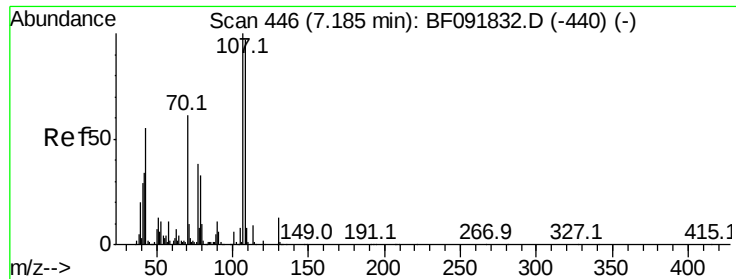
119 98.1 78.1 117.1

201 99.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.46 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF092205.D

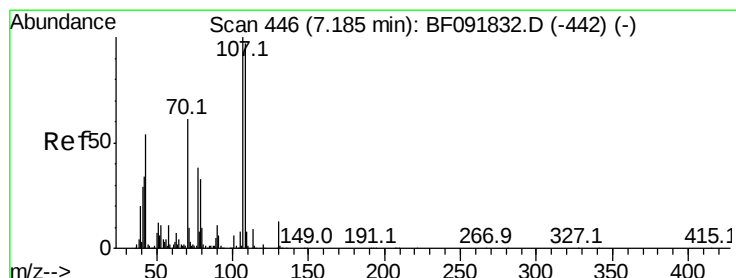
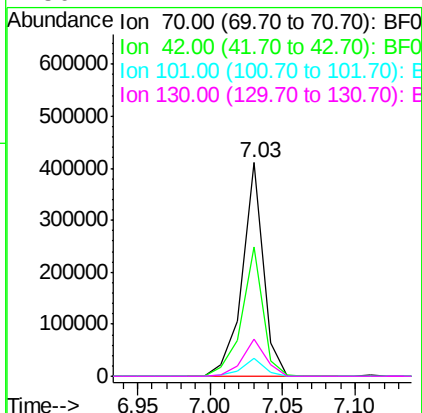
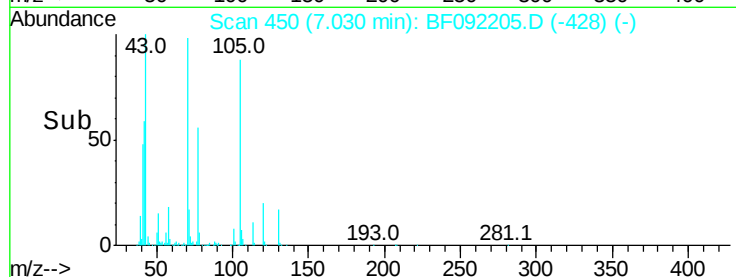
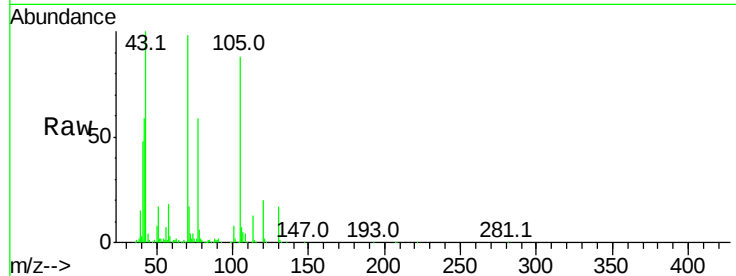
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.8	49.4	74.0		
101	8.6	7.4	11.2		
130	17.4	14.2	21.4		

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#20

3+4-Methylphenols

Concen: 42.94 ng

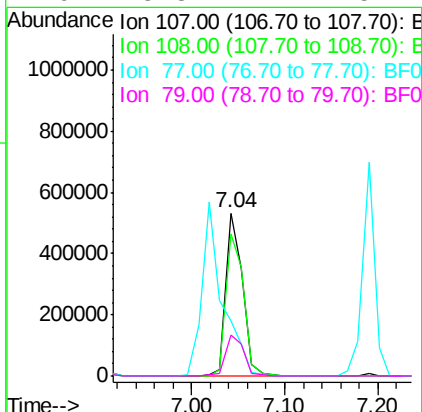
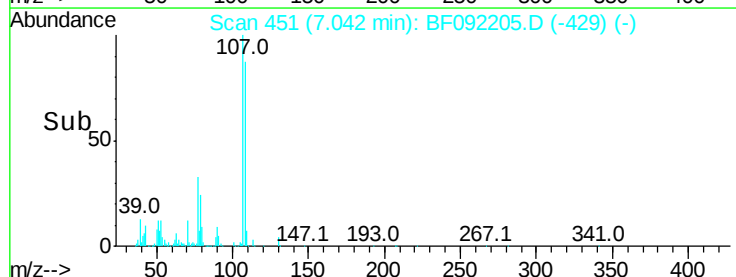
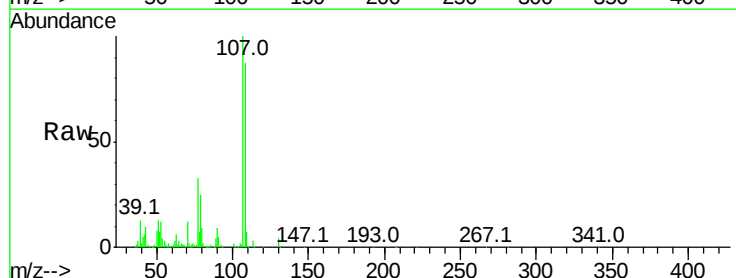
RT: 7.04 min Scan# 451

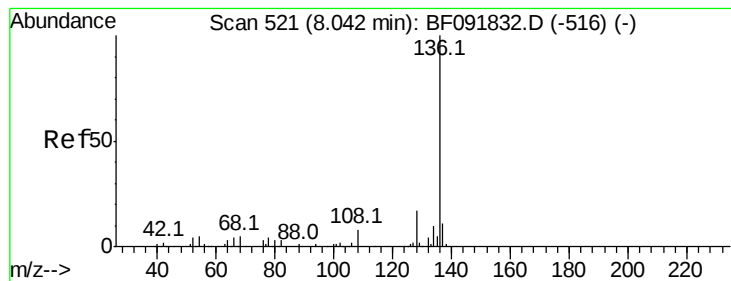
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3	73.0	113.0		
77	33.5	71.3	111.3#		
79	25.3	11.1	51.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1010837

Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.3 4.5 6.7#

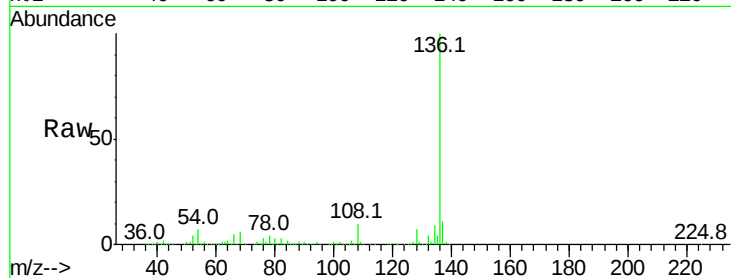
68 6.0 3.6 5.4#

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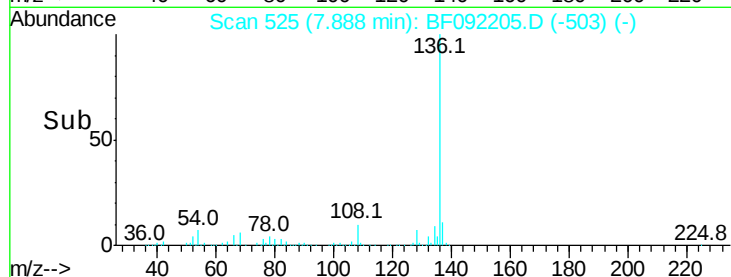


Abundance Ion 136.00 (135.70 to 136.70): E

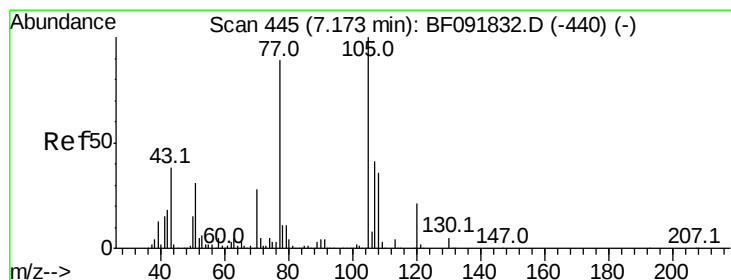
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.61 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:105 Resp: 912703

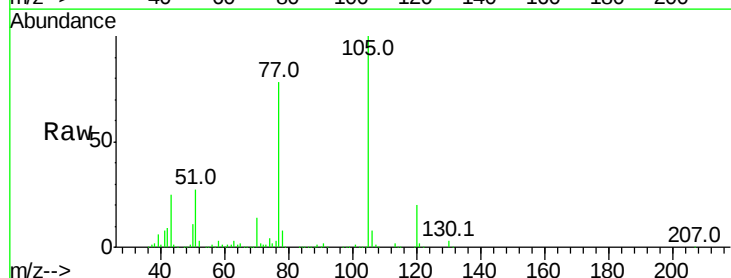
Ion Ratio Lower Upper

105 100

71 2.4 3.2 4.8#

51 26.6 26.2 39.4

120 20.5 16.6 24.8

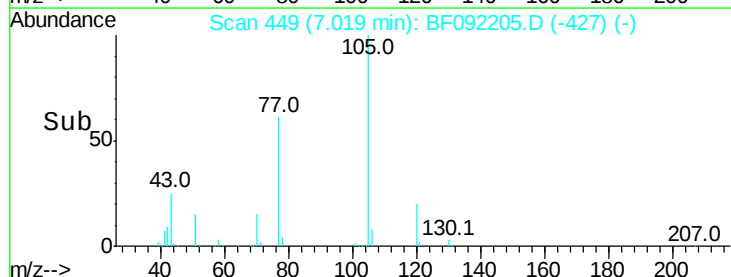


Abundance Ion 105.00 (104.70 to 105.70): E

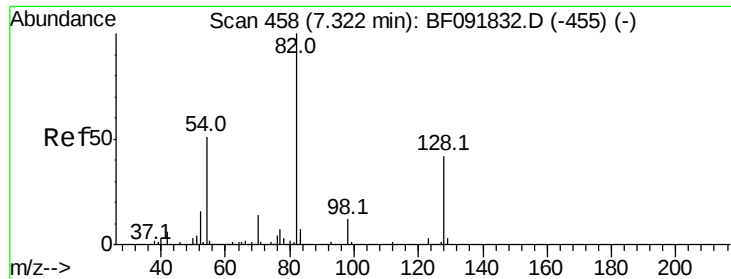
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



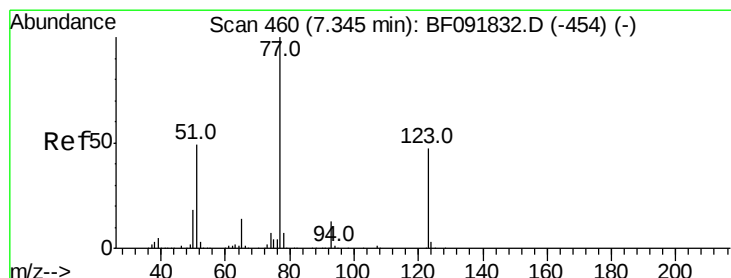
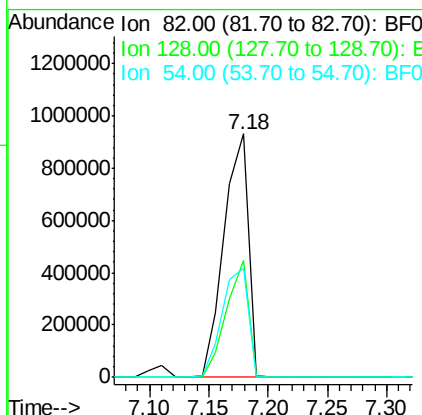
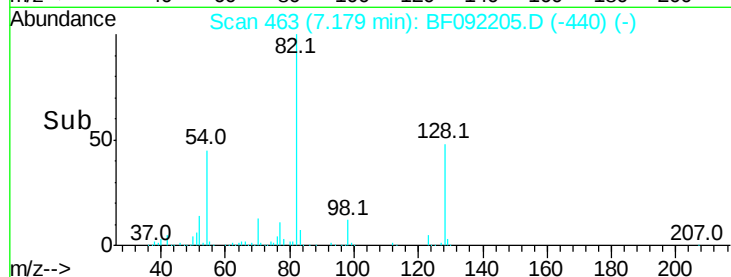
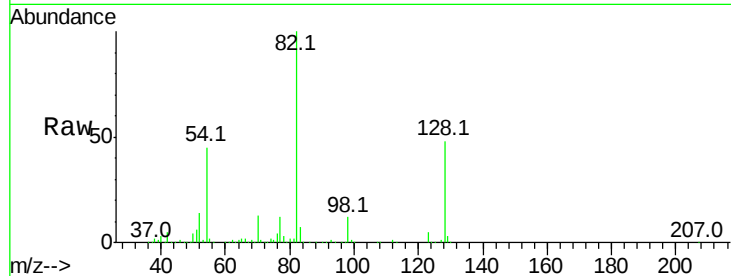
#23
Nitrobenzene-d5
Concen: 73.06 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1328156
Ion Ratio Lower Upper
82 100
128 48.1 34.6 52.0
54 45.0 39.5 59.3

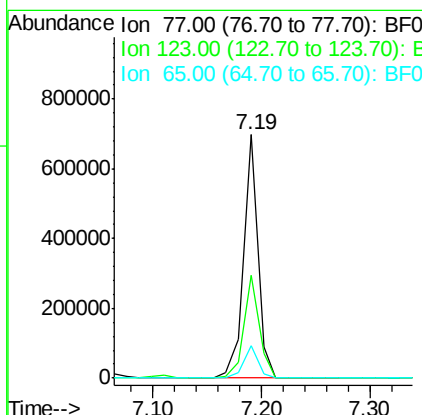
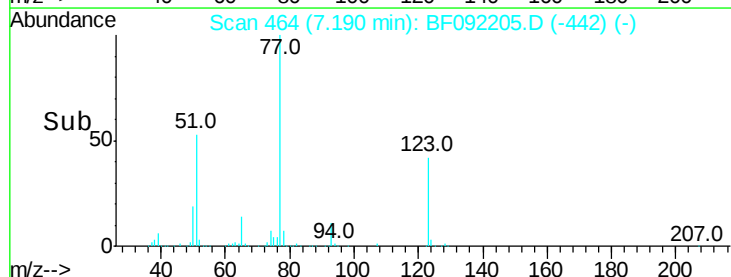
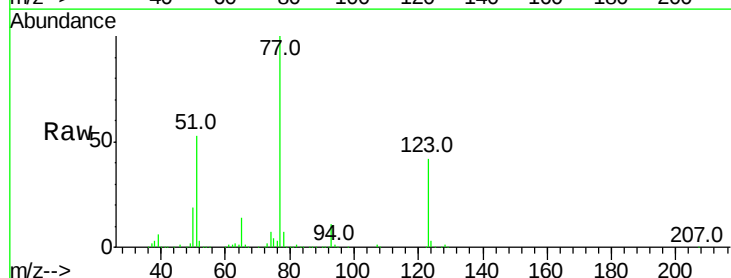
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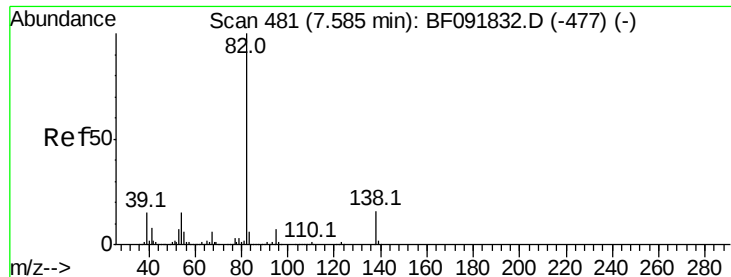
Sohil
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#24
Nitrobenzene
Concen: 32.67 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion: 77 Resp: 632541
Ion Ratio Lower Upper
77 100
123 42.0 33.0 49.4
65 13.5 11.2 16.8





#25

Isophorone

Concen: 36.51 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1224371

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

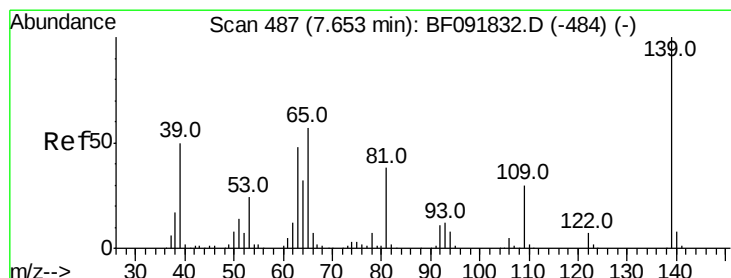
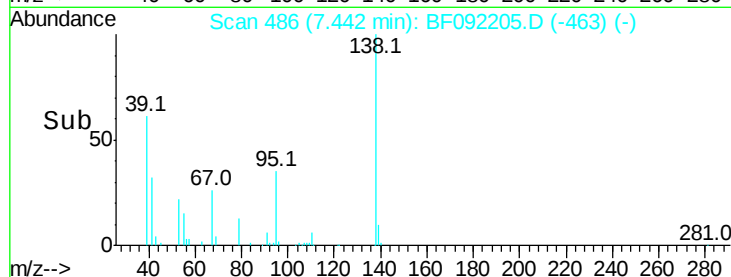
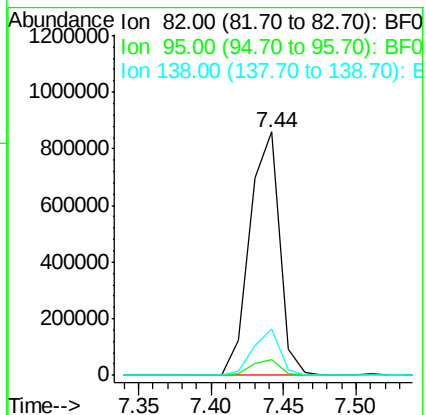
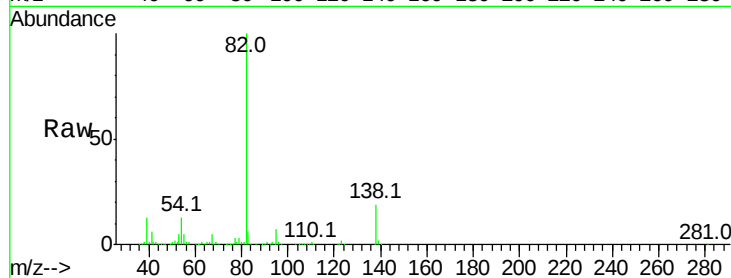
138 19.0 14.6 22.0

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#26

2-Nitrophenol

Concen: 37.41 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

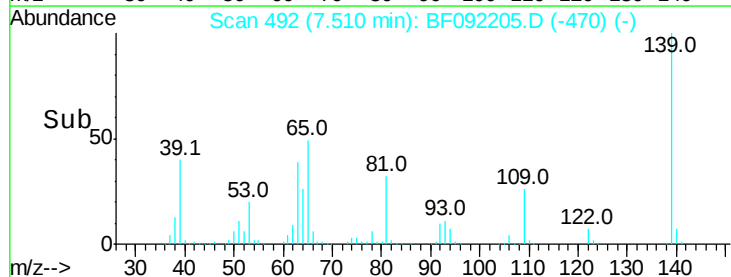
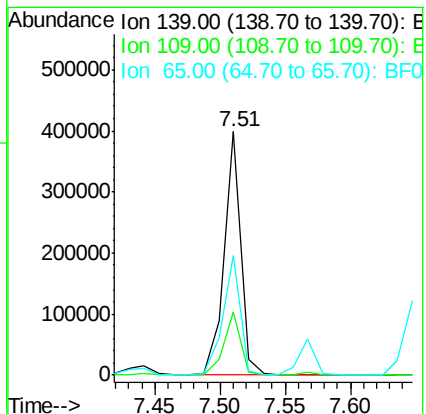
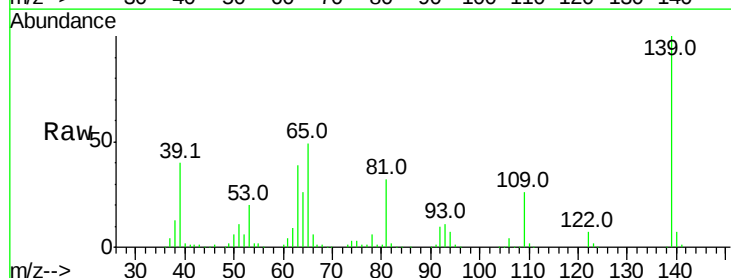
Tgt Ion: 139 Resp: 357205

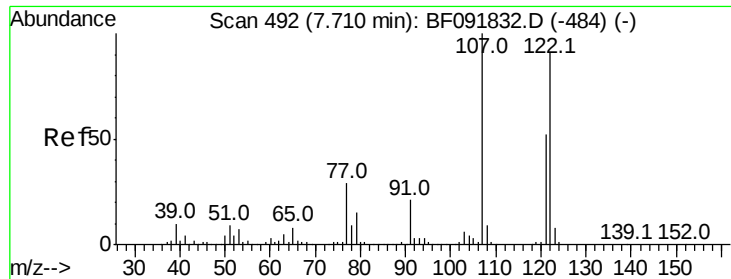
Ion Ratio Lower Upper

139 100

109 25.9 23.3 34.9

65 49.2 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 34.54 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

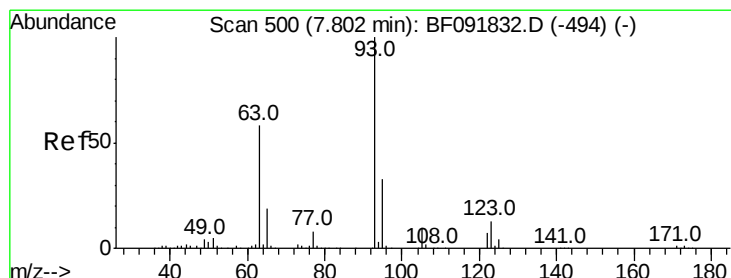
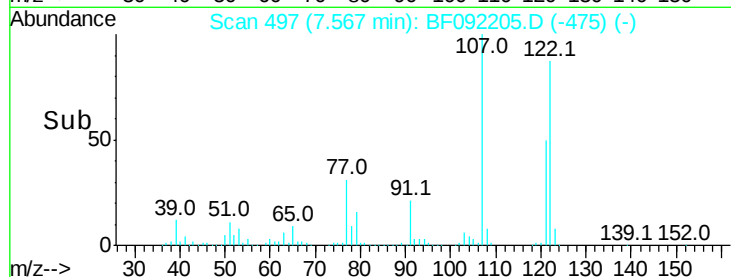
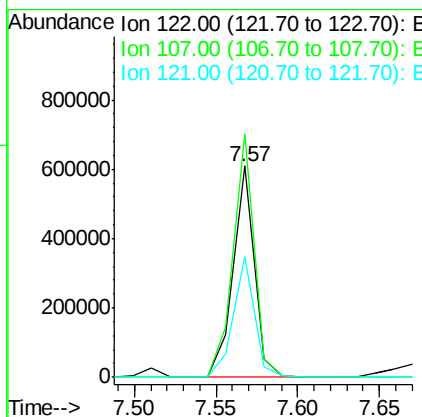
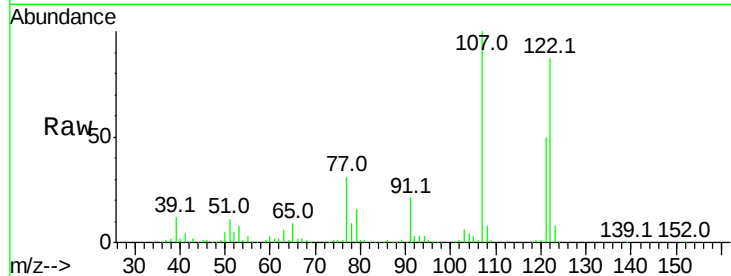
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	546994
Ion Ratio	Lower	Upper	
122	100		
107	115.1	94.1	141.1
121	57.4	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 35.75 ng

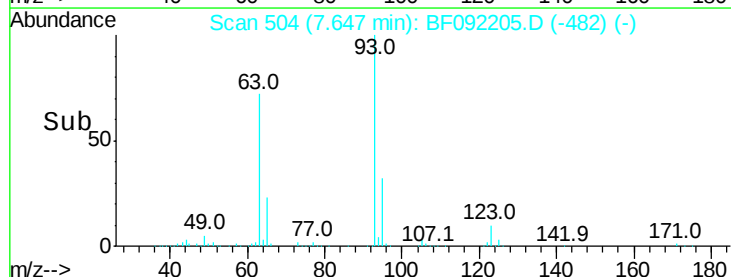
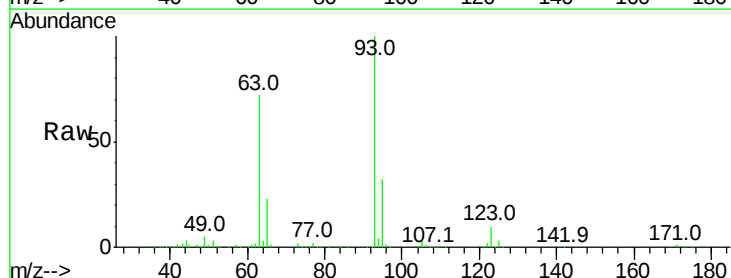
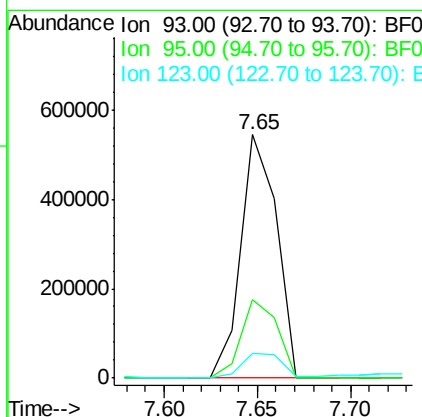
RT: 7.65 min Scan# 504

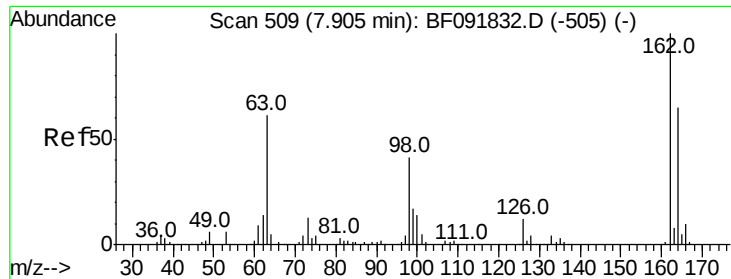
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:	93	Resp:	727180
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.5	39.7
123	10.0	8.6	13.0





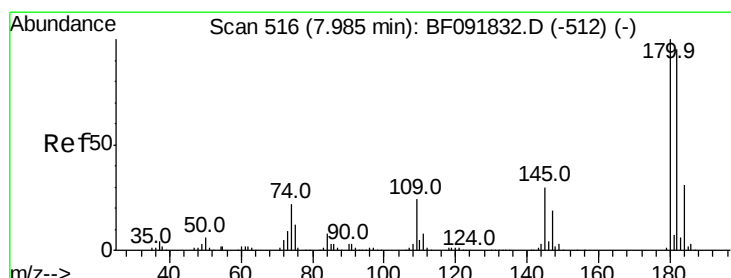
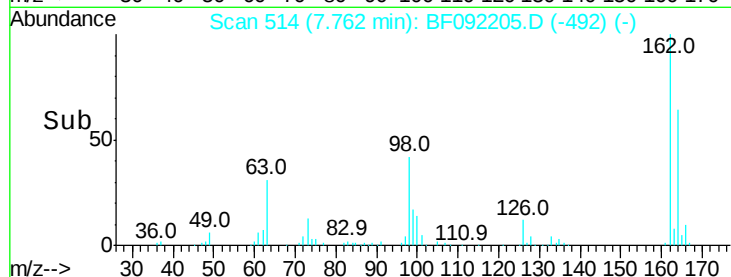
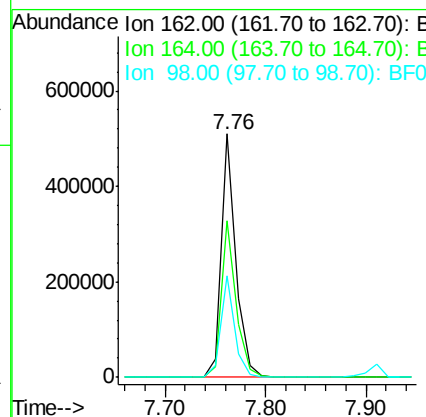
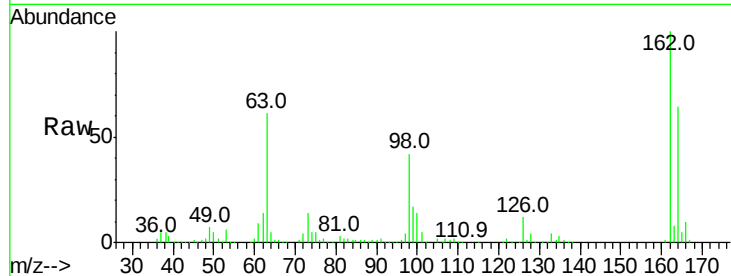
#29
2,4-Dichlorophenol
Concen: 38.21 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	512418		
164	64.4	46.8	86.8	
98	41.8	9.1	49.1	

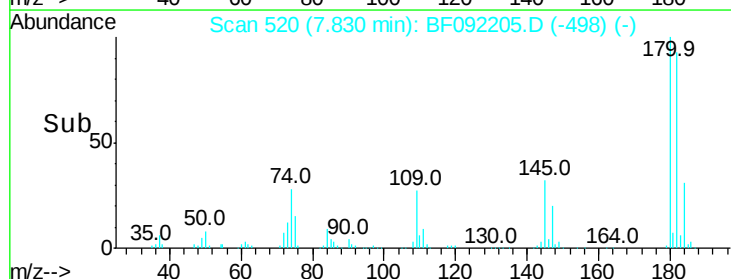
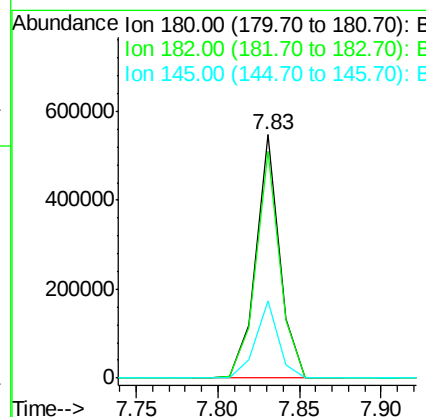
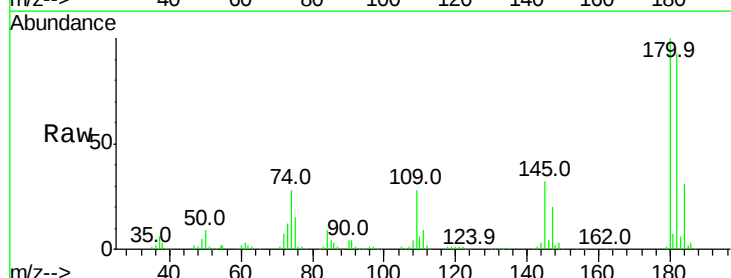
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 37.57 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	552037		
182	93.2	78.2	117.4	
145	31.8	21.6	32.4	





#31

Naphthalene

Concen: 41.04 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1898617

Ion Ratio Lower Upper

128 100

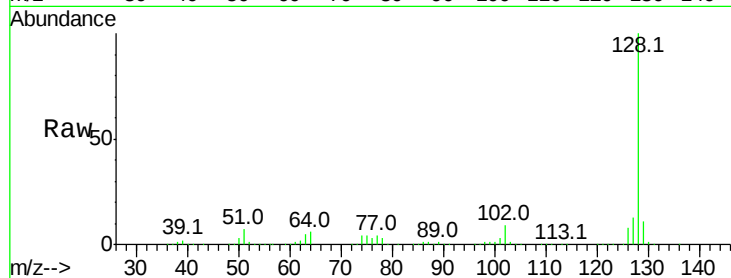
129 11.5 9.5 14.3

127 13.4 10.8 16.2

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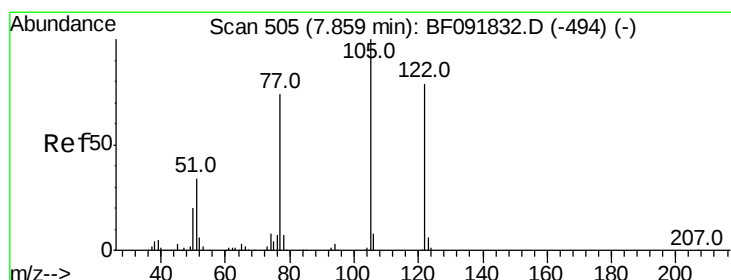
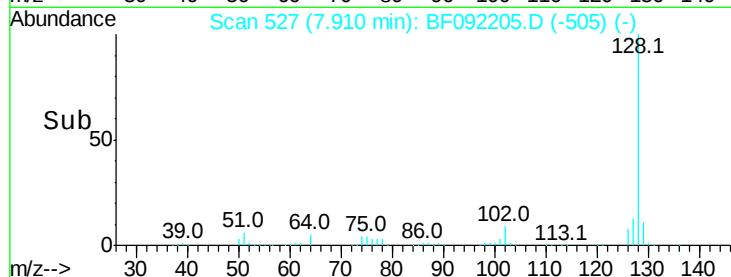
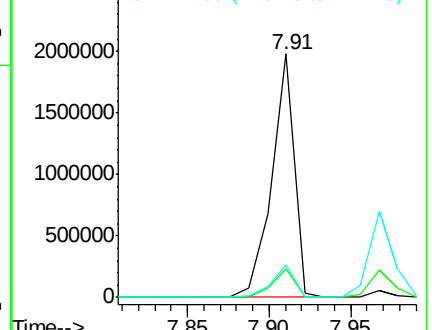
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.75 ng

RT: 7.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

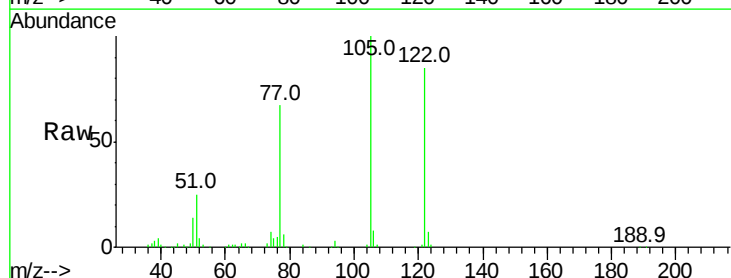
Tgt Ion:122 Resp: 502173

Ion Ratio Lower Upper

122 100

105 117.9 107.2 147.2

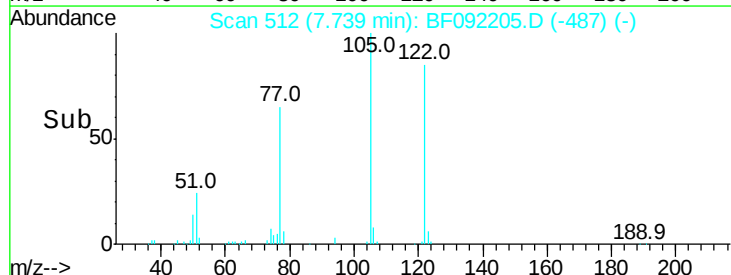
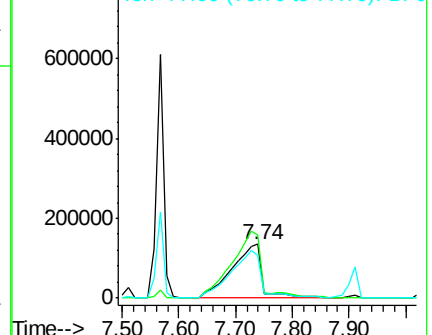
77 78.9 74.5 114.5

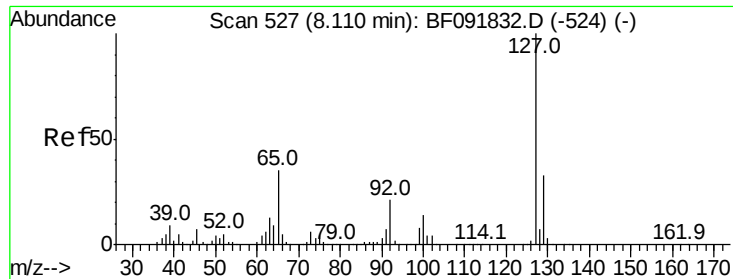


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





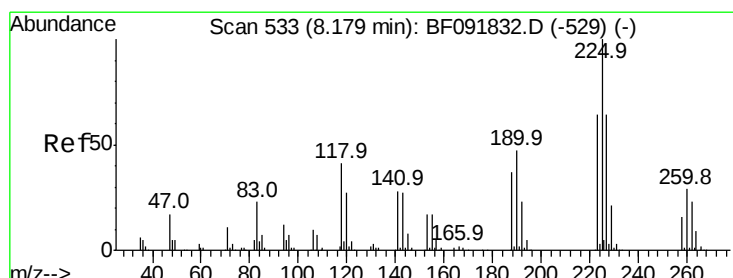
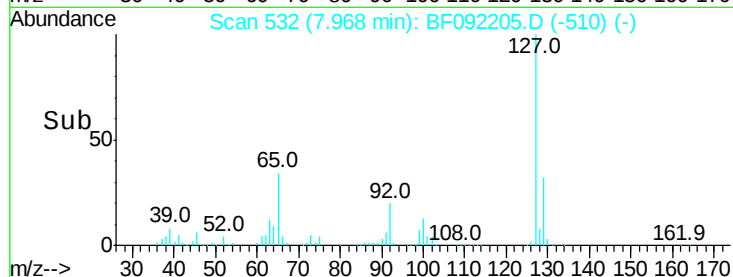
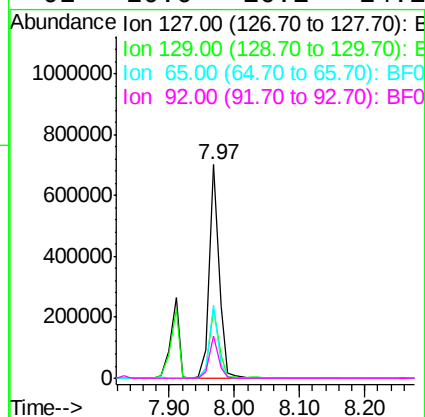
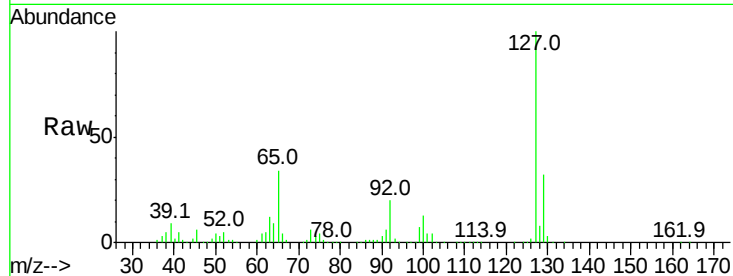
#33
4-Chloroaniline
Concen: 35.21 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	34.3	25.8	38.8
92	20.0	16.1	24.1

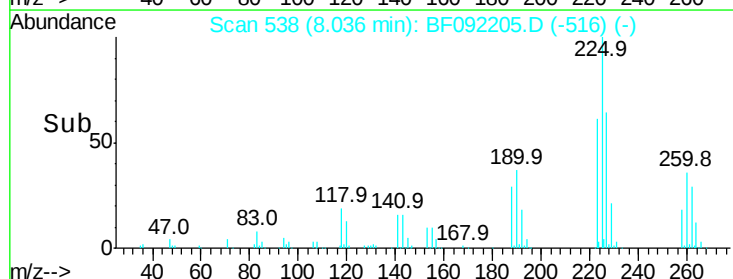
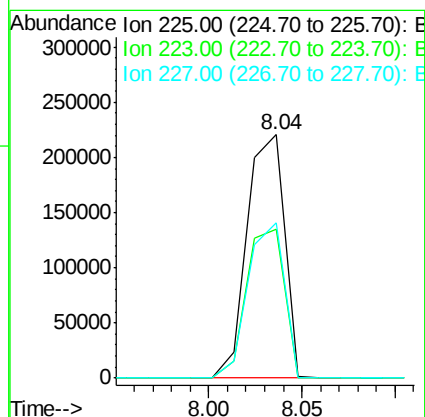
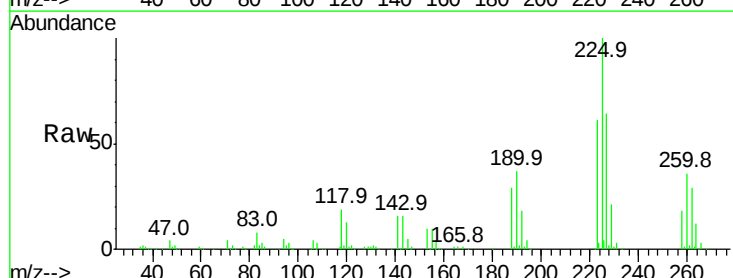
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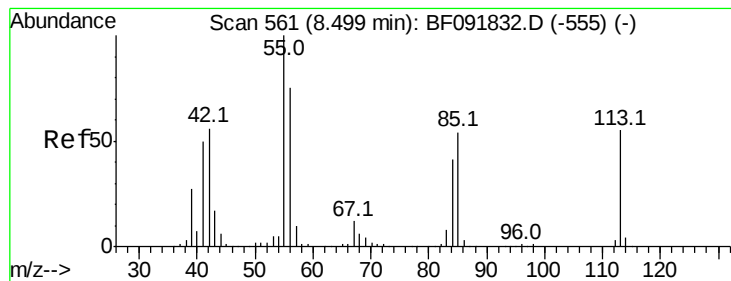
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#34
Hexachlorobutadiene
Concen: 39.35 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	63.5	50.6	76.0





#35

Caprolactam

Concen: 35.09 ng

RT: 8.36 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

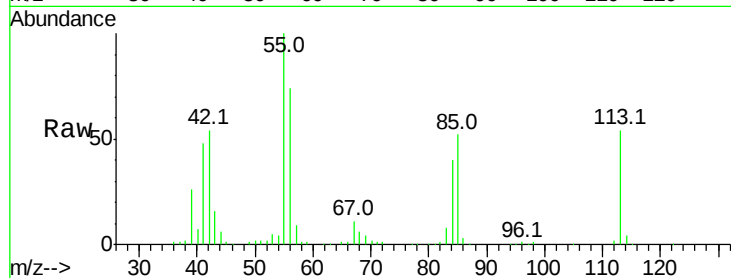
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	154612
Ion Ratio	Lower	Upper	
113	100		
55	184.8	119.2	159.2#
56	136.7	83.8	123.8#

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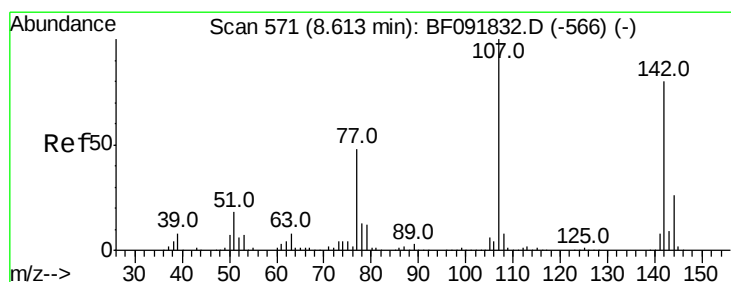
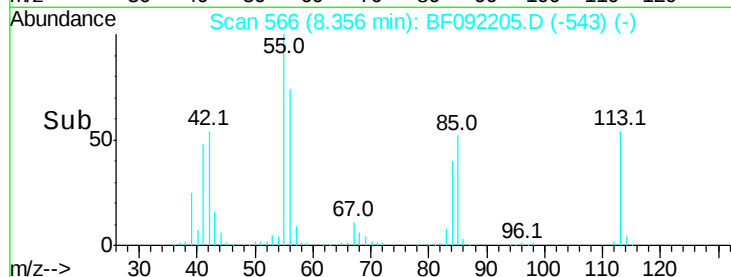
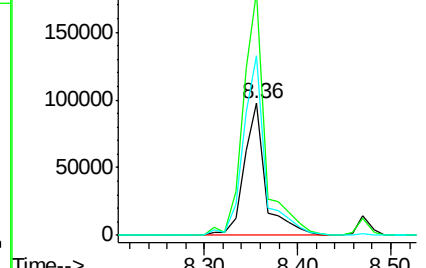
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.44 ng

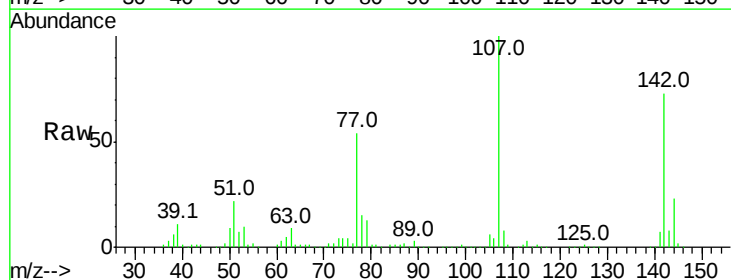
RT: 8.47 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

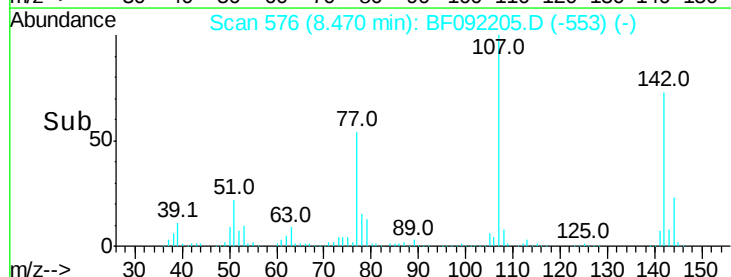
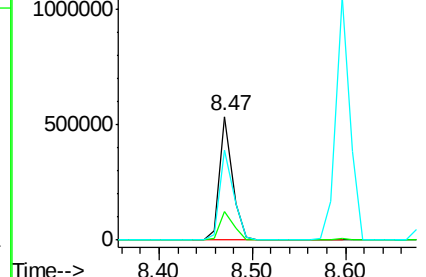
Tgt Ion:	107	Resp:	515976
Ion Ratio	Lower	Upper	
107	100		
144	23.4	19.3	28.9
142	72.8	59.0	88.6

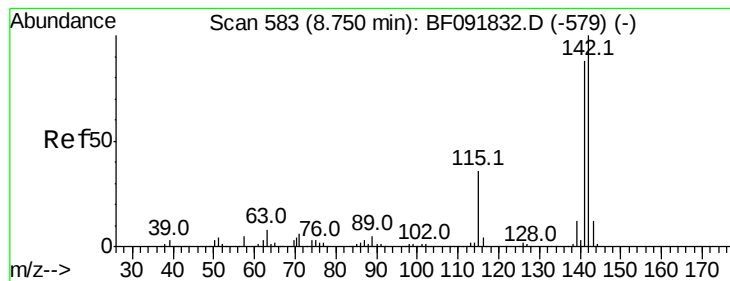


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





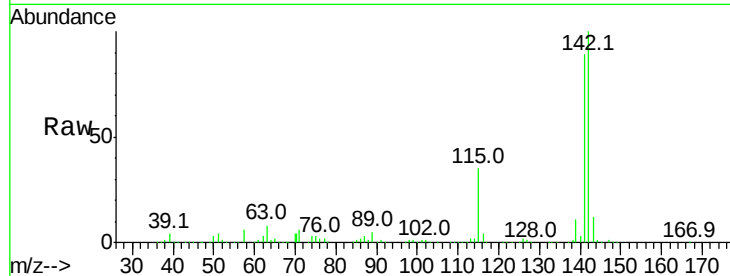
#37
2-Methylnaphthalene
Concen: 37.31 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

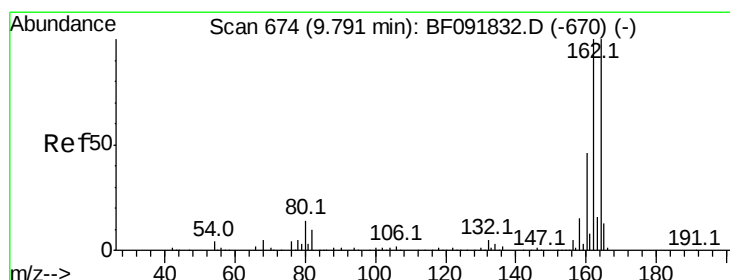
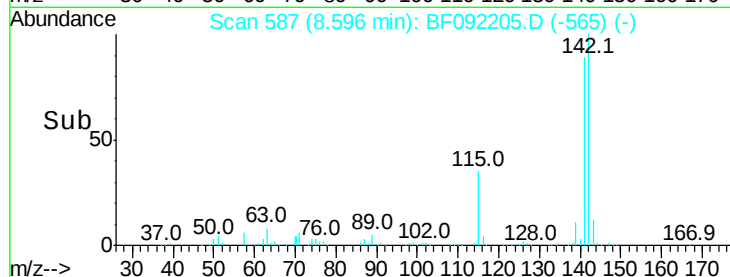
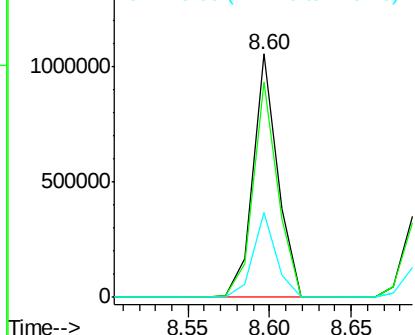
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	34.7	28.3	42.5

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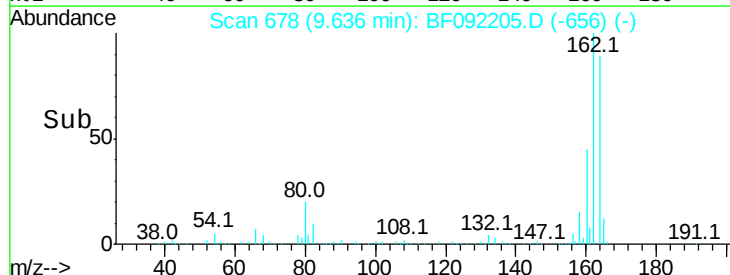
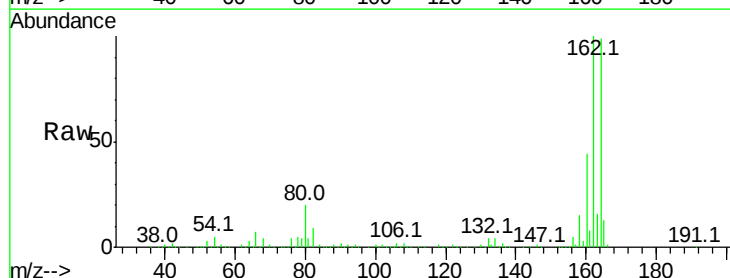
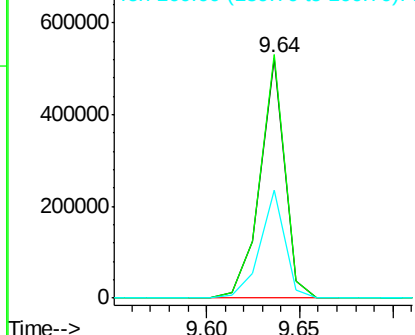
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

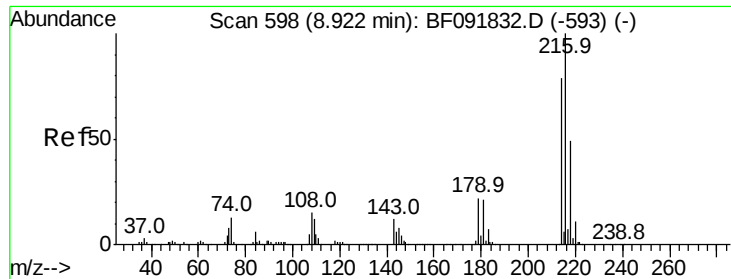


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	45.1	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





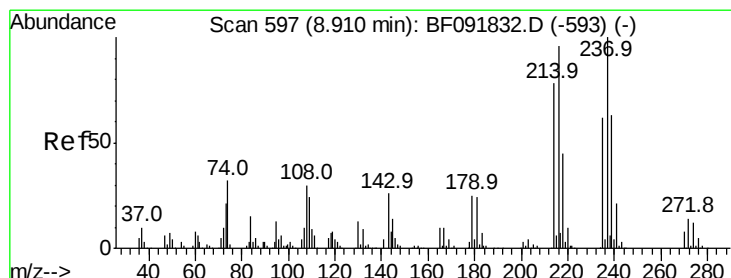
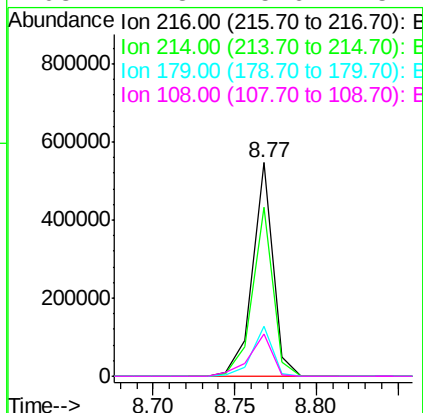
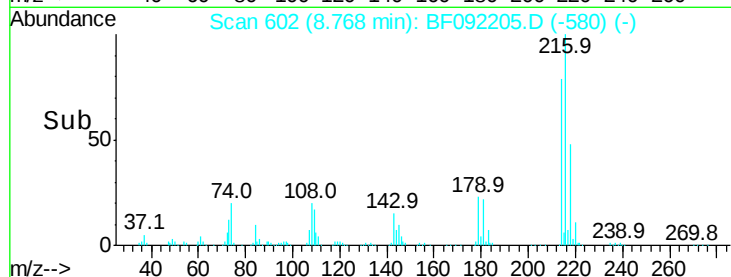
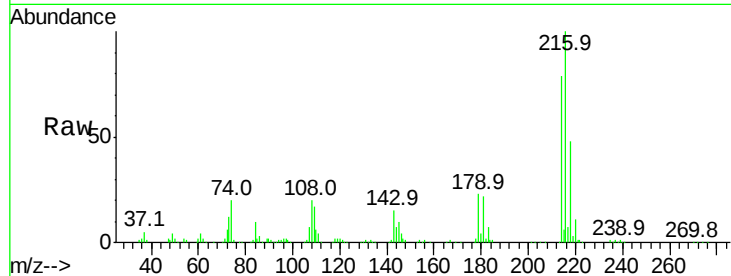
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.60 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	476995		
214	79.2	63.4	95.0	
179	23.0	17.4	26.2	
108	21.8	15.6	23.4	

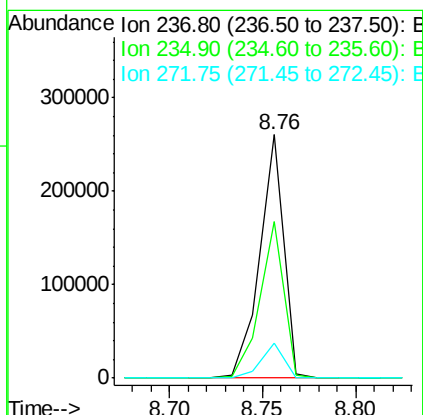
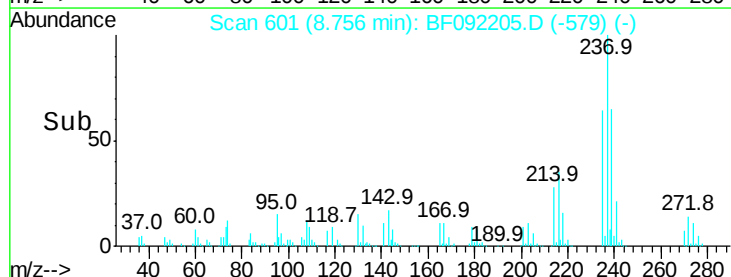
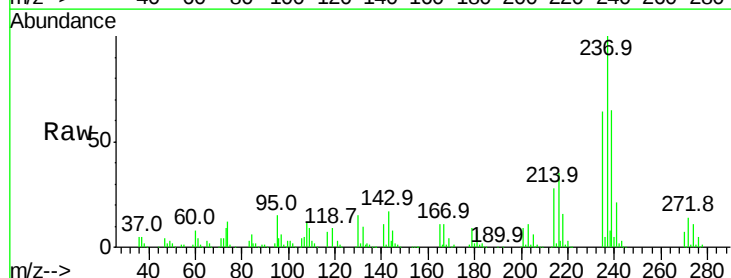
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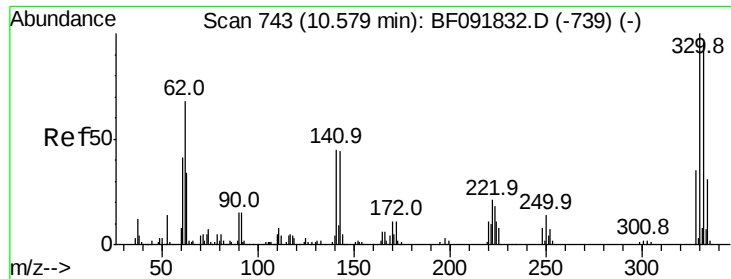
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#40
 Hexachlorocyclopentadiene
 Concen: 44.65 ng
 RT: 8.76 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	229585		
235	64.2	41.2	81.2	
272	14.1	0.0	35.4	





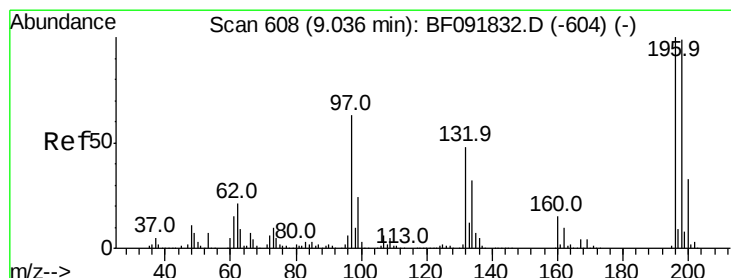
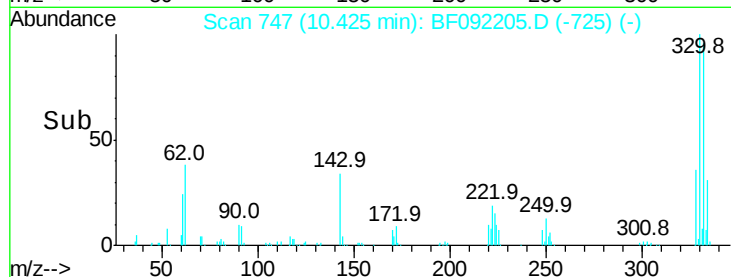
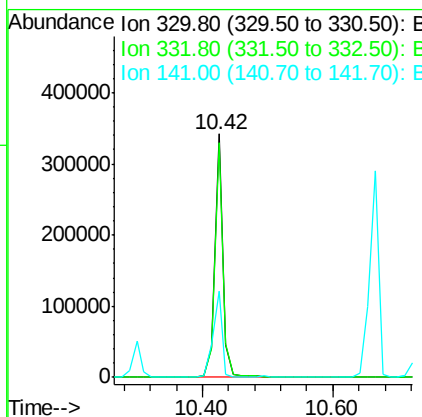
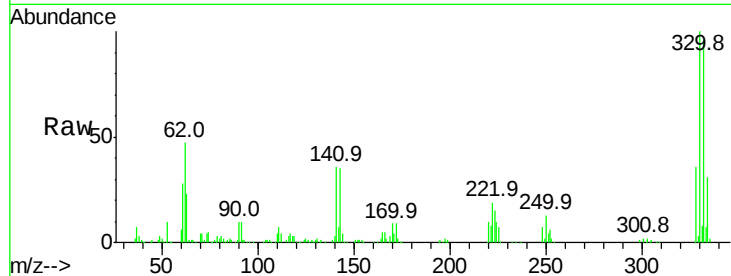
#41
 2,4,6-Tribromophenol
 Concen: 79.02 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	311782		
332	96.6	77.4	116.2	
141	39.2	34.1	51.1	

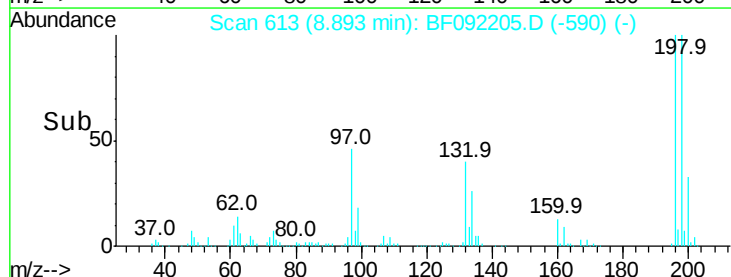
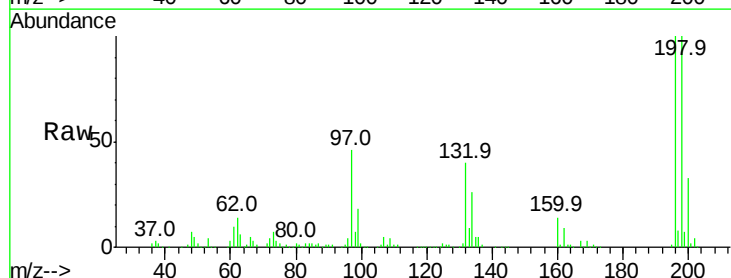
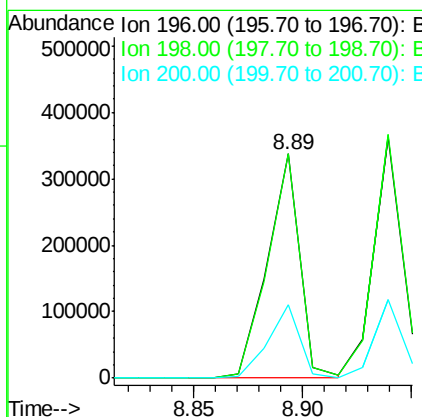
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#42
 2,4,6-Trichlorophenol
 Concen: 41.72 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	351448		
198	100.3	82.1	123.1	
200	32.7	27.0	40.4	





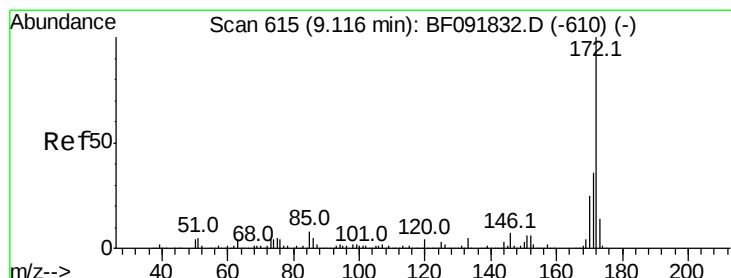
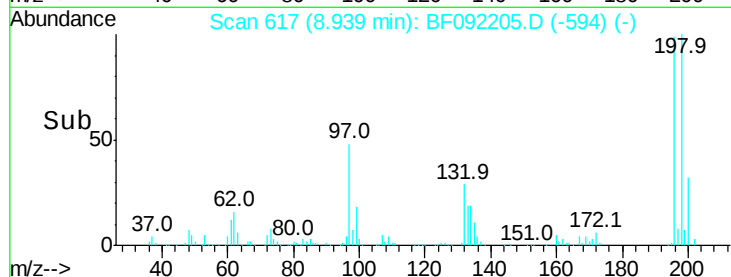
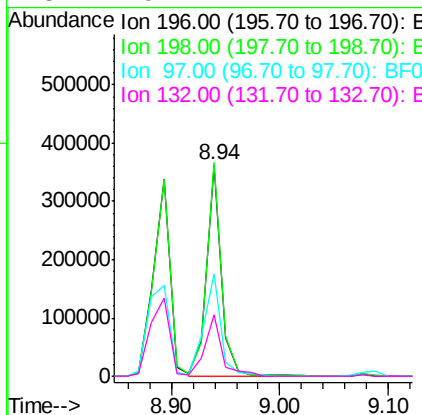
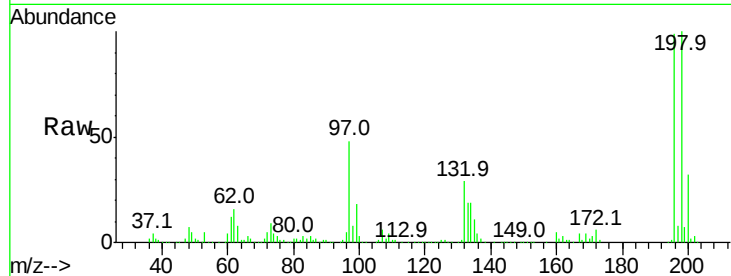
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	344195
Ion Ratio	Lower	Upper	
196	100		
198	100.9	79.4	119.2
97	48.3	51.5	77.3#
132	29.1	27.4	41.2

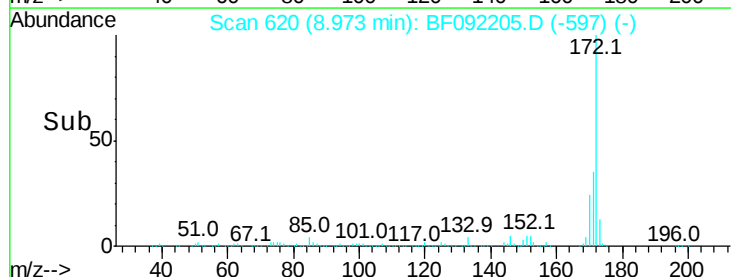
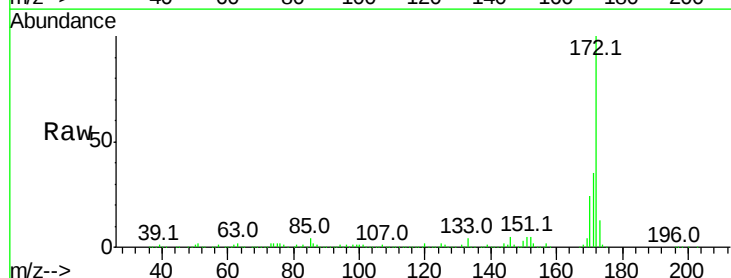
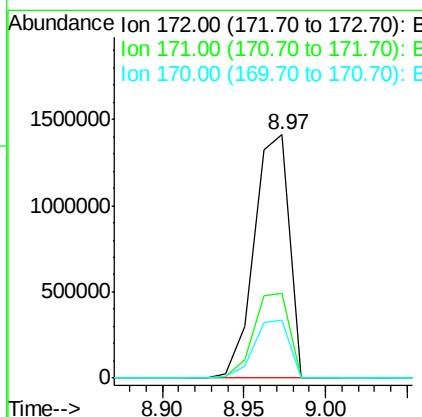
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#44
 2-Fluorobiphenyl
 Concen: 91.18 ng
 RT: 8.97 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	172	Resp	2099694
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.4	44.0
170	23.9	20.2	30.4





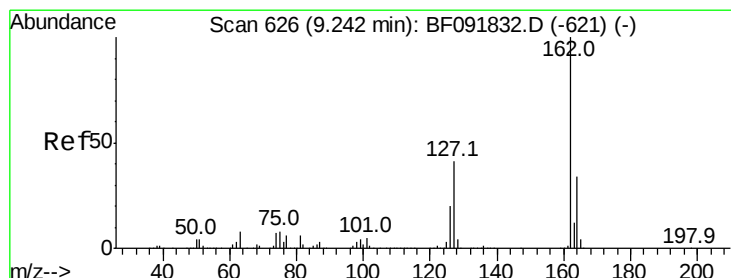
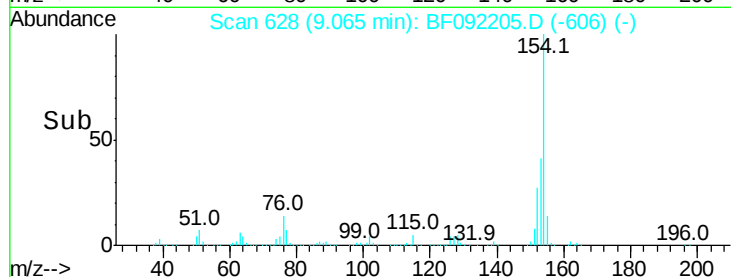
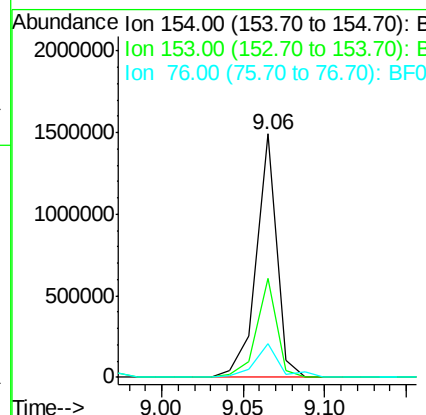
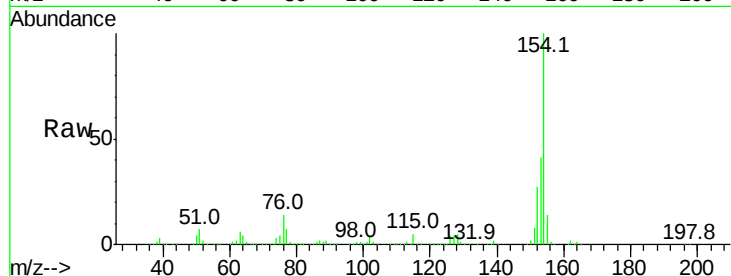
#45
1,1'-Biphenyl
Concen: 39.74 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	14.0	0.0	30.5

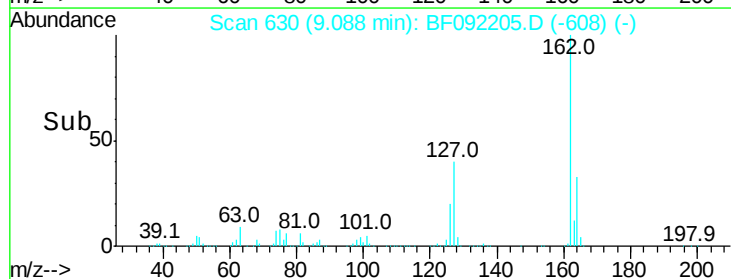
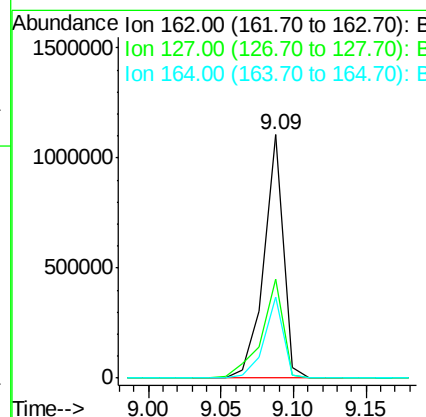
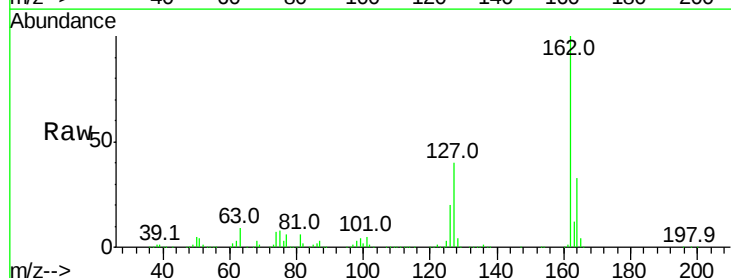
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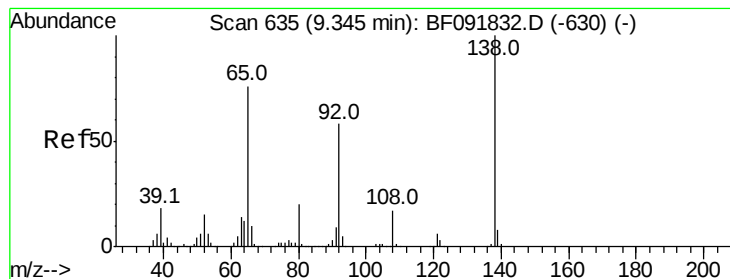
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#46
2-Chloronaphthalene
Concen: 39.70 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.7	46.1
164	33.2	27.6	41.4





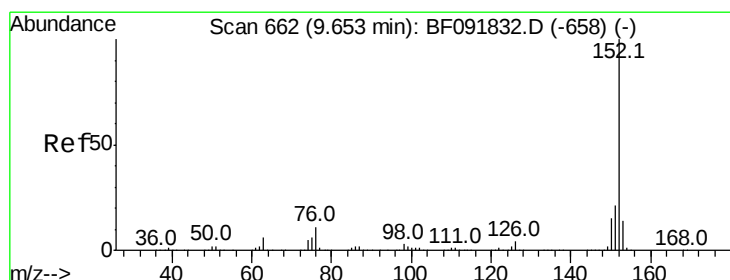
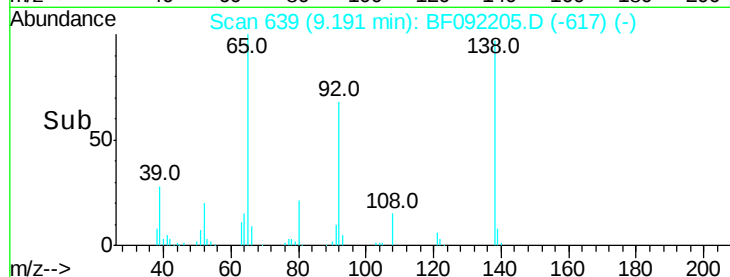
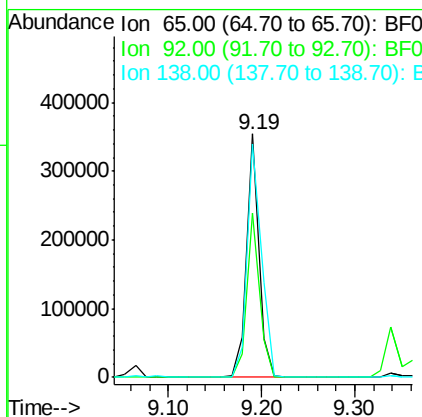
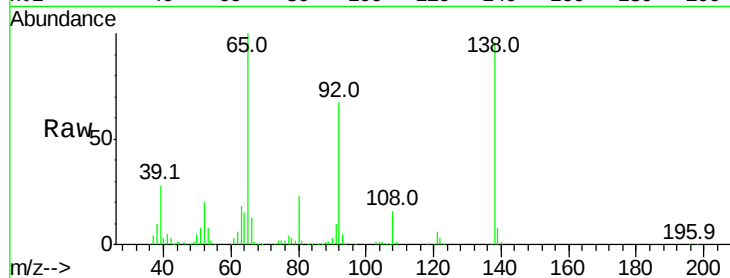
#47
2-Nitroaniline
Concen: 35.47 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.9	80.9
138	96.0	76.8	115.2

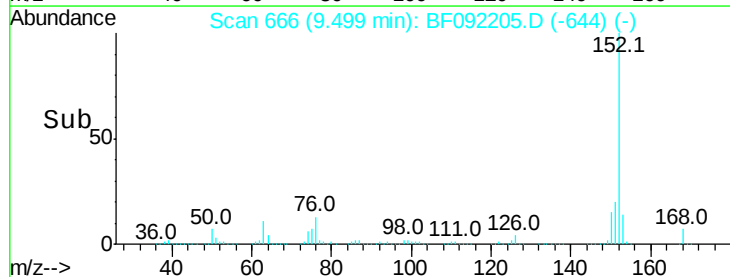
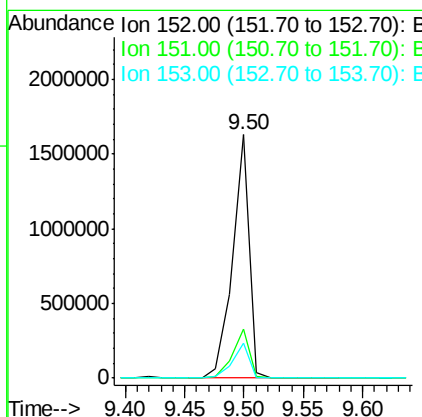
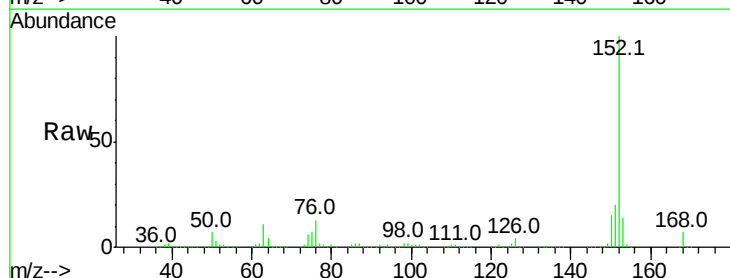
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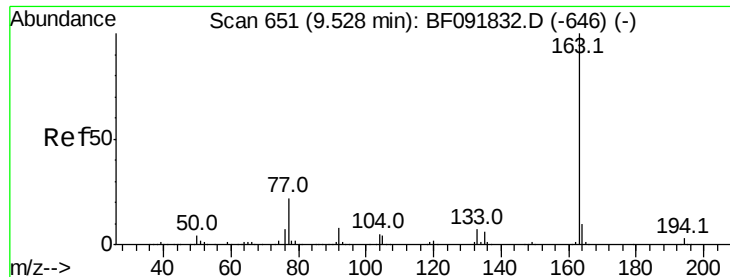
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#48
Acenaphthylene
Concen: 39.66 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	14.2	11.4	17.2





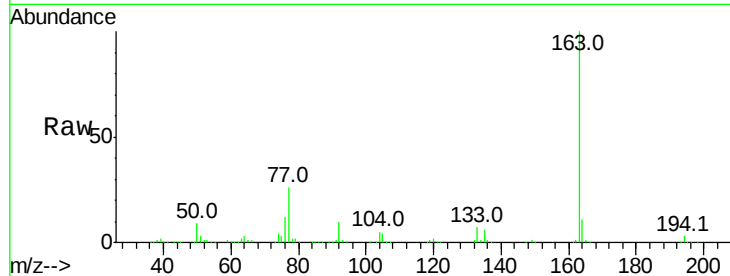
#49
Dimethylphthalate
Concen: 38.87 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

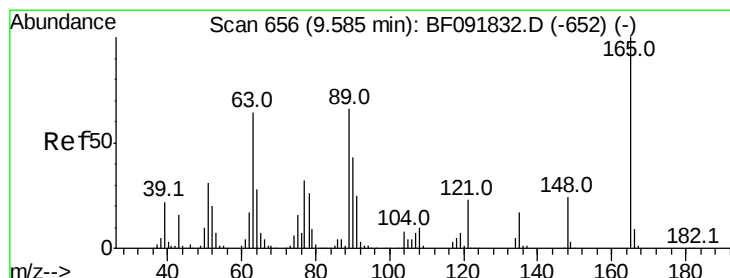
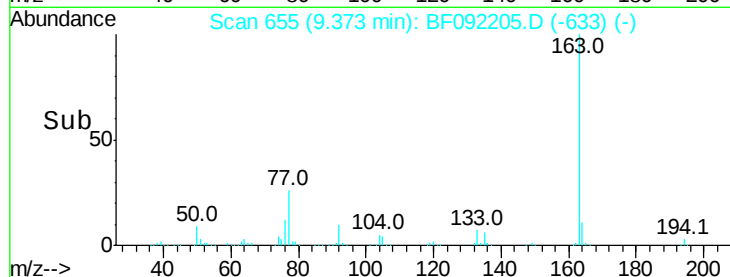
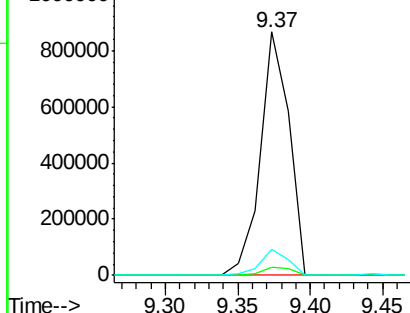
Tot Ion:163 Resp: 1185247
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 8.0 12.0

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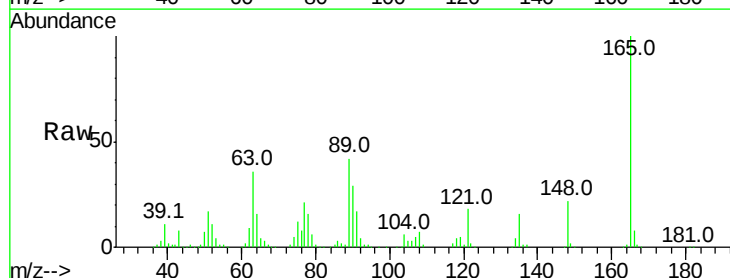


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

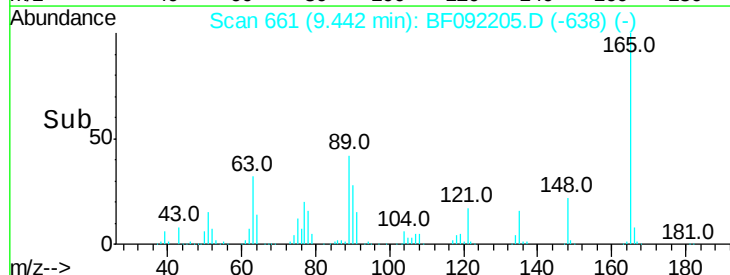
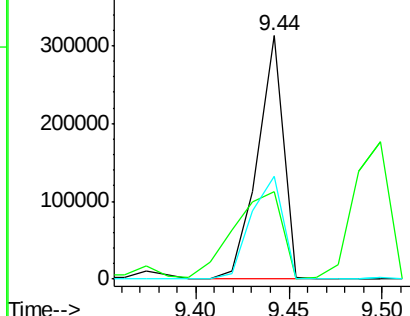


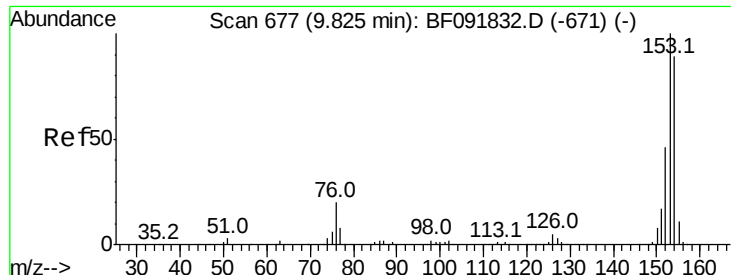
#50
2,6-Dinitrotoluene
Concen: 45.00 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:165 Resp: 300323
Ion Ratio Lower Upper
165 100
63 36.0 36.2 54.4#
89 42.1 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





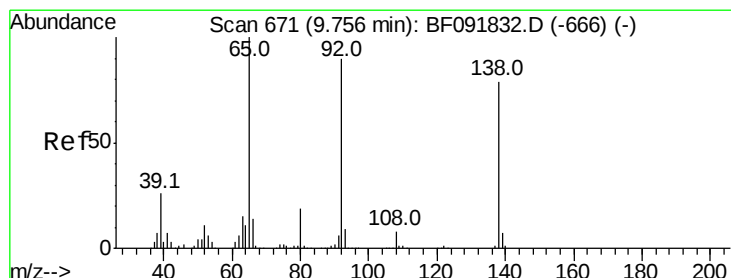
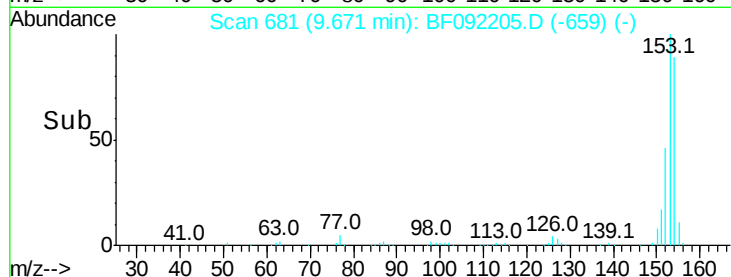
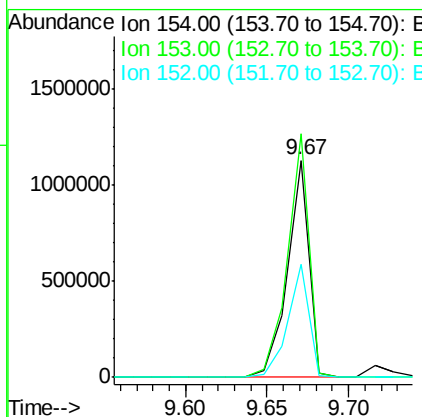
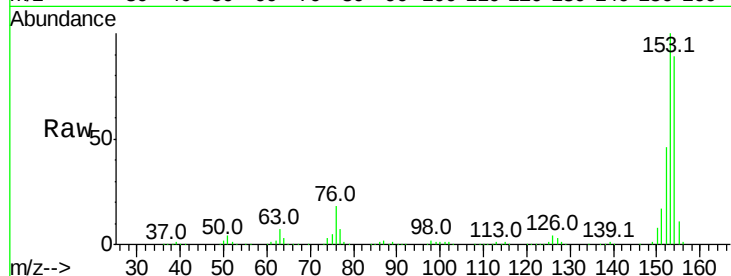
#51
Acenaphthene
Concen: 38.49 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 1037318
Ion Ratio Lower Upper
154 100
153 112.1 88.6 133.0
152 51.8 41.6 62.4

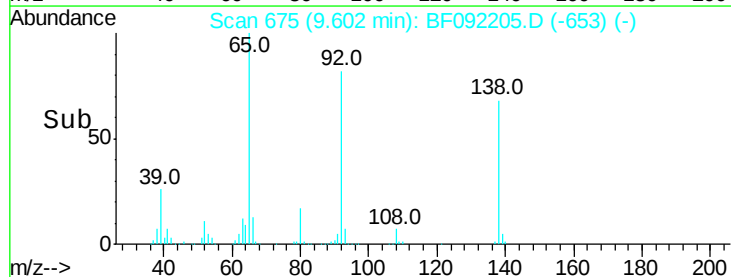
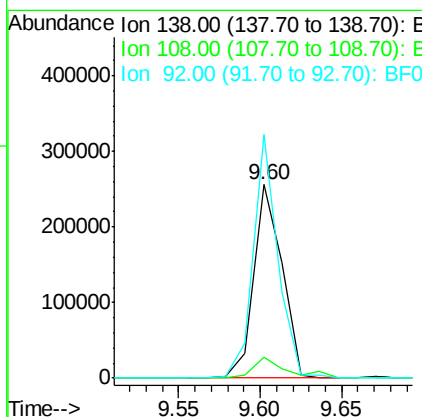
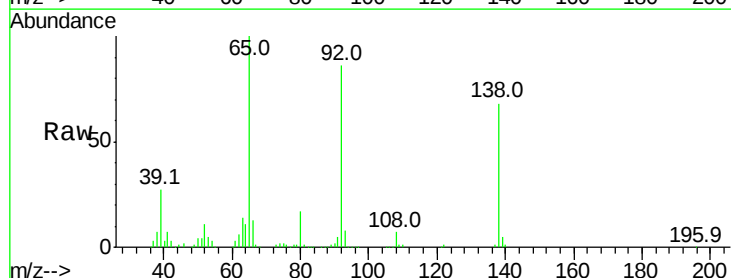
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#52
3-Nitroaniline
Concen: 37.19 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:138 Resp: 307163
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 126.1 97.8 146.8





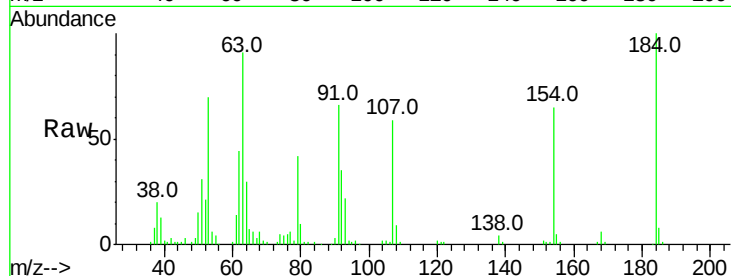
#53
2,4-Dinitrophenol
Concen: 40.92 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

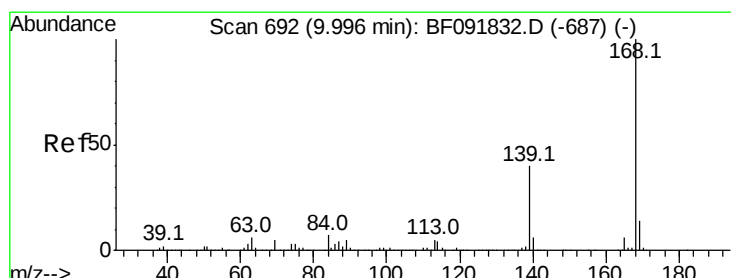
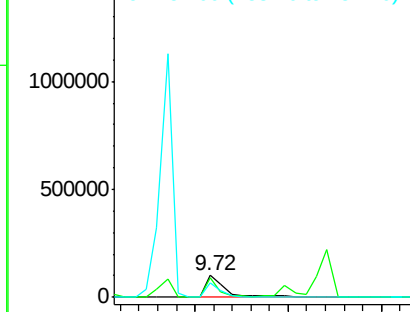
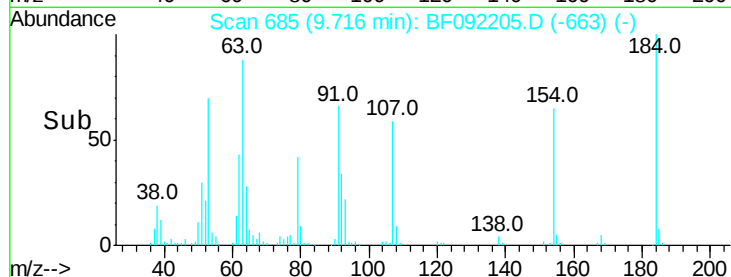
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	91.0	28.4	42.6	
154	64.7	44.3	66.5	

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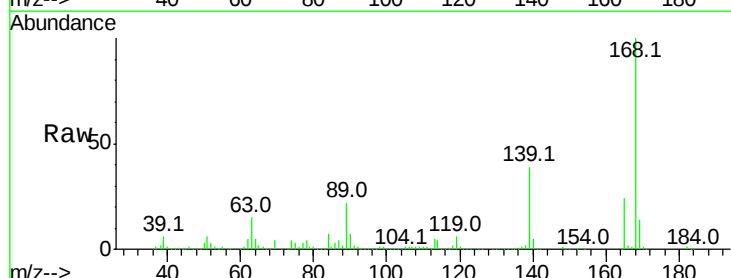


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

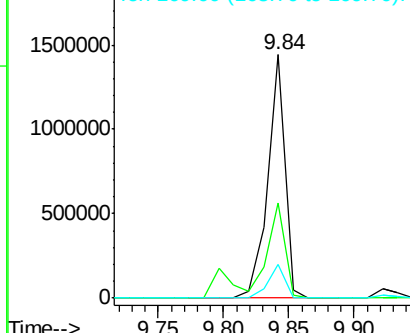
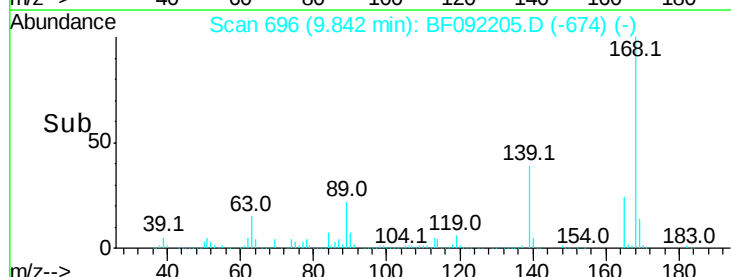


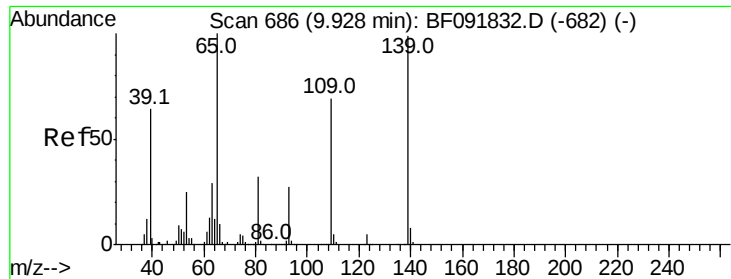
#54
Dibenzofuran
Concen: 36.79 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	32.6	49.0	
169	13.7	11.3	16.9	



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





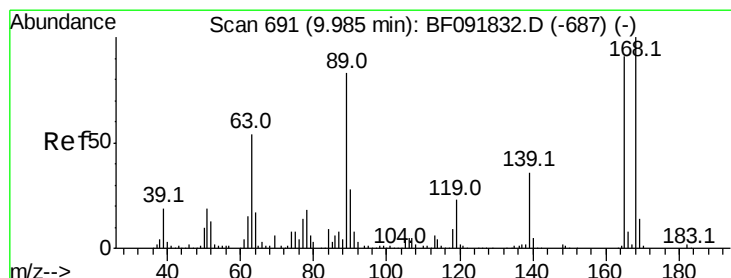
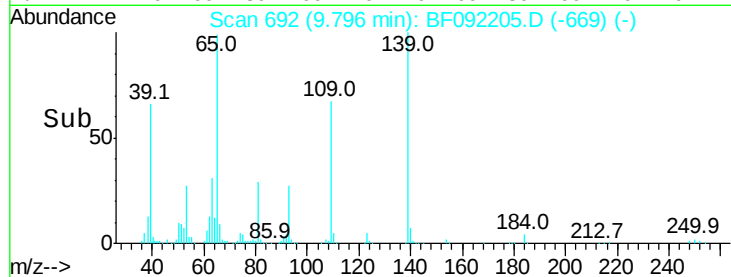
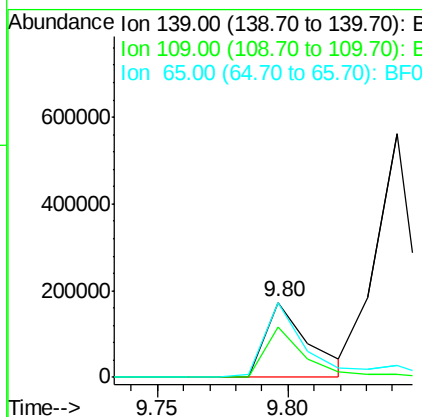
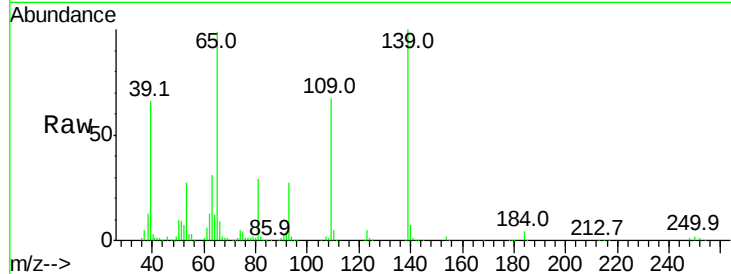
#55
4-Nitrophenol
Concen: 36.02 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.3	52.2	92.2
65	98.7	85.8	125.8

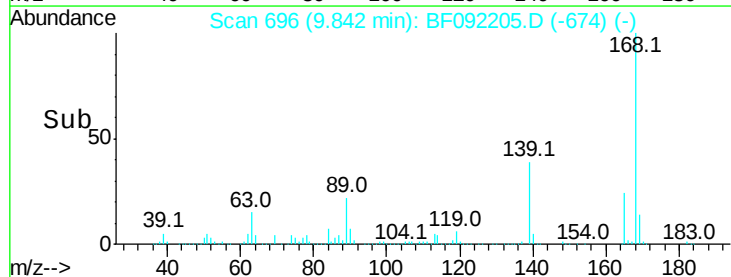
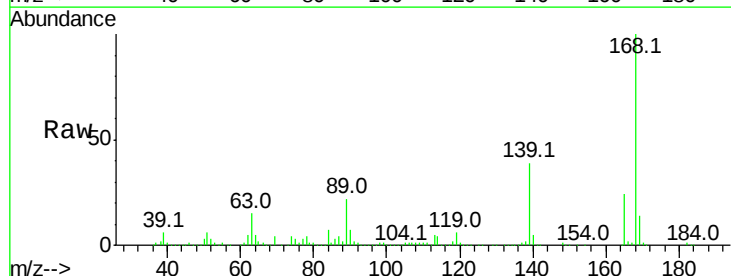
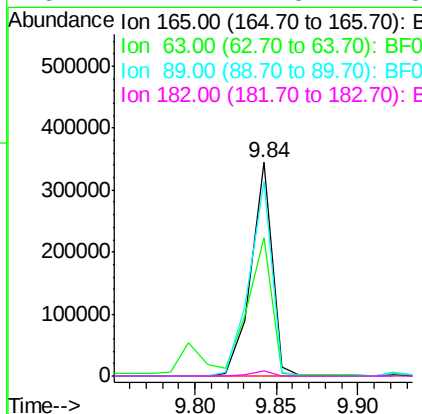
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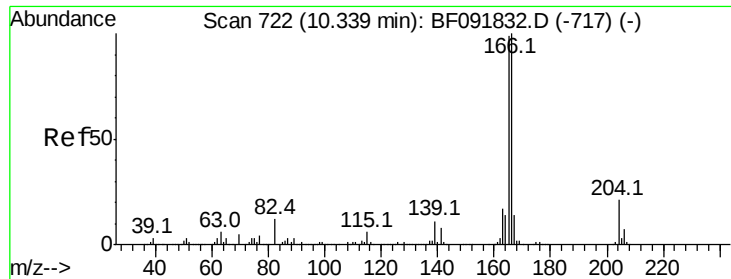
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#56
2,4-Dinitrotoluene
Concen: 37.16 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	40.2	60.4#
89	91.0	62.5	93.7
182	2.2	1.8	2.8





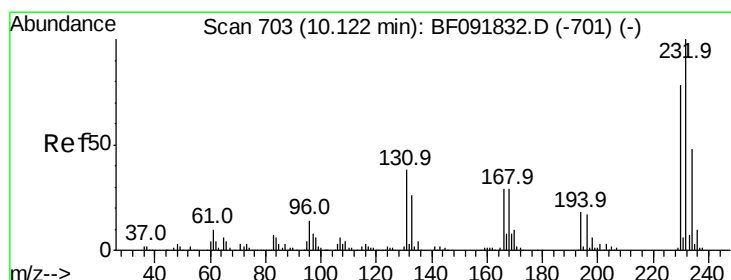
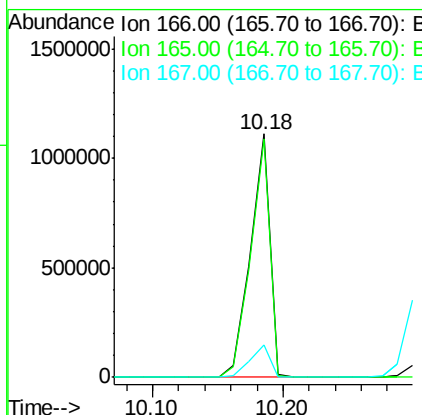
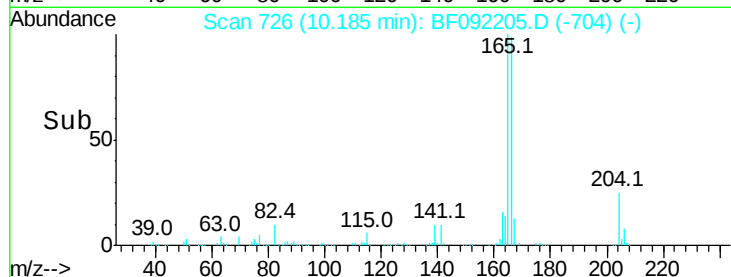
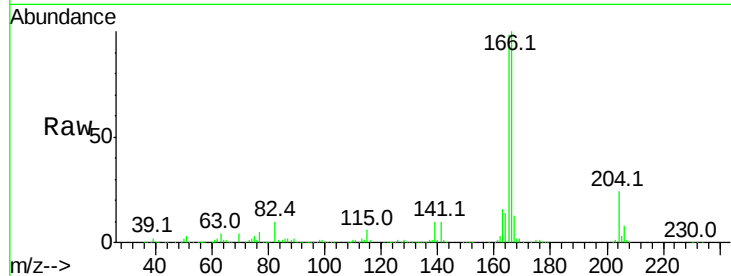
#57
Fluorene
 Concen: 43.49 ng
 RT: 10.18 min Scan# 726
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.8
167	13.5	10.8	16.2

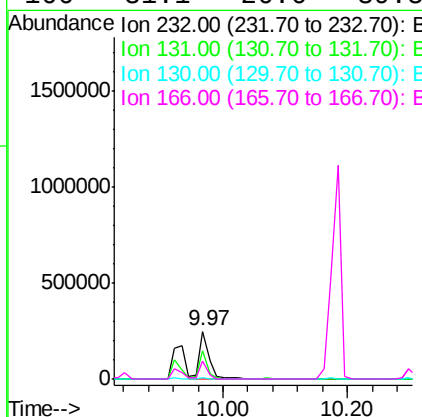
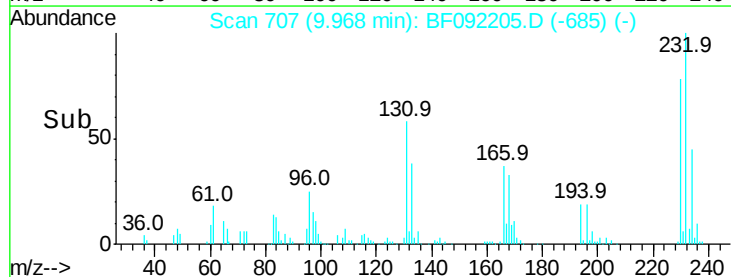
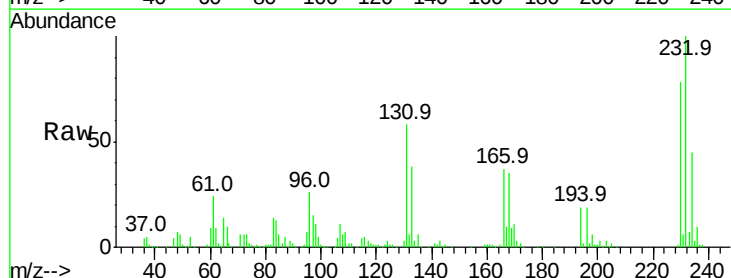
Manual Integrations
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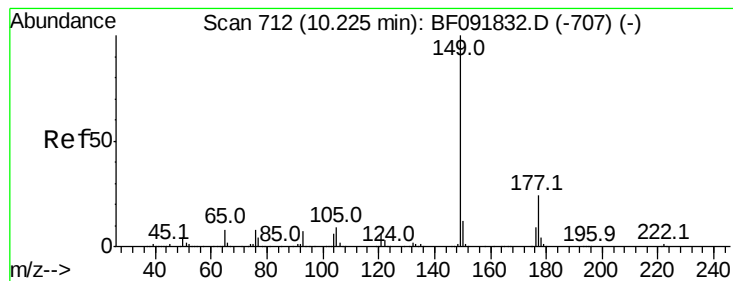
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.03 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.7	40.1	60.1
130	2.3	1.8	2.8
166	31.1	26.6	39.8





#59

Diethylphthalate

Concen: 38.54 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1141238

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

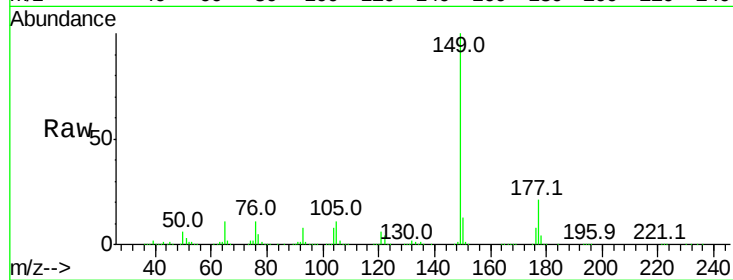
150 12.7 10.4 15.6

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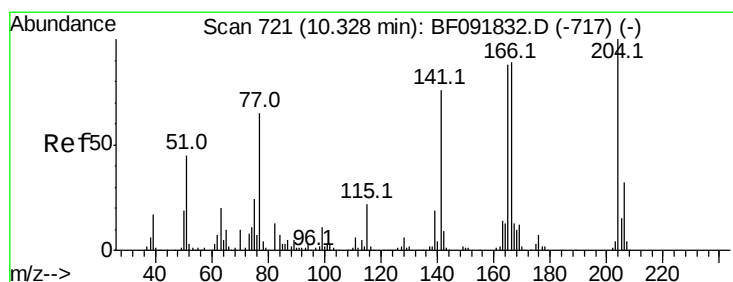
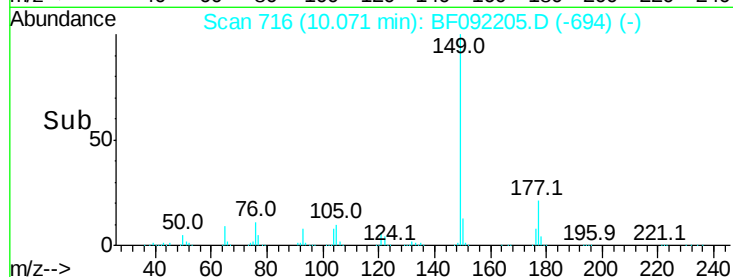
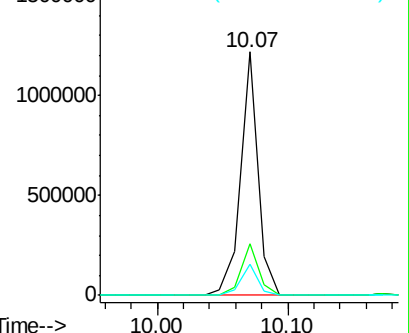
1/13/2017 11:06:54 AM



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: 40.14 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

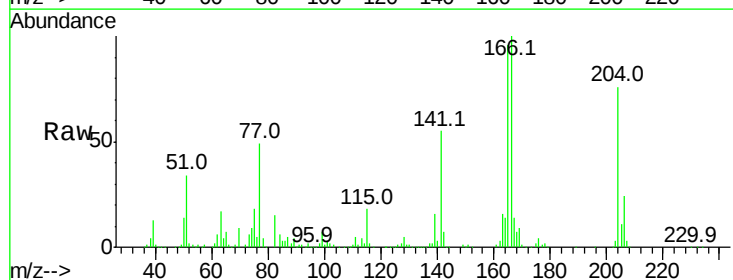
Tgt Ion:204 Resp: 465429

Ion Ratio Lower Upper

204 100

206 31.7 25.8 38.6

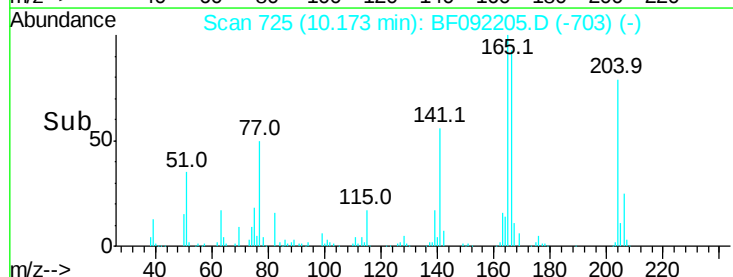
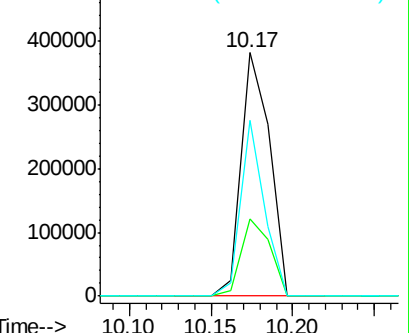
141 72.0 59.4 89.0

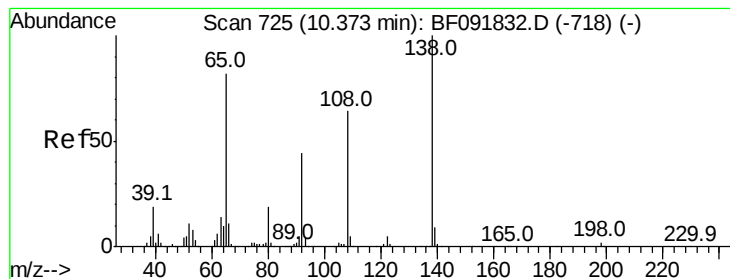


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





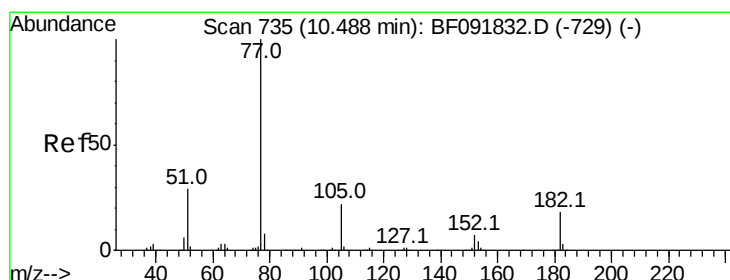
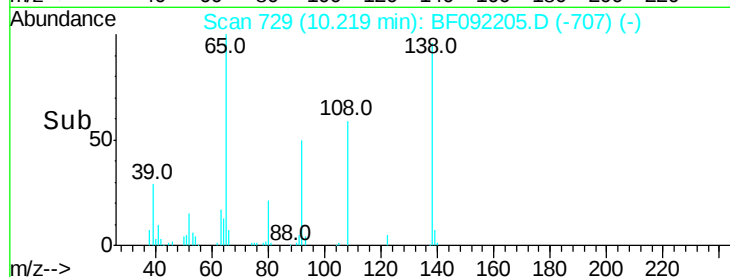
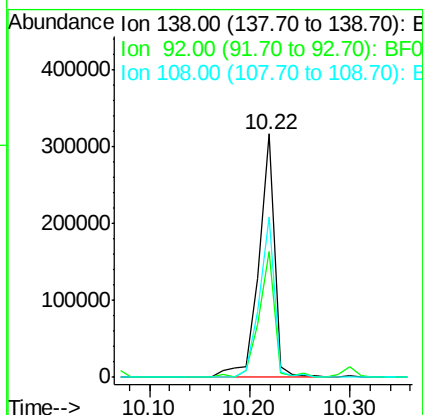
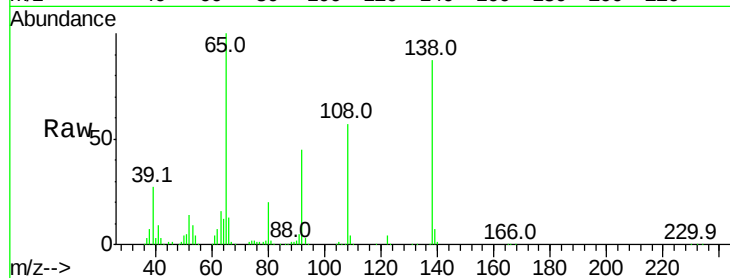
#61
4-Nitroaniline
Concen: 40.41 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.7	71.7
108	65.7	52.6	92.6

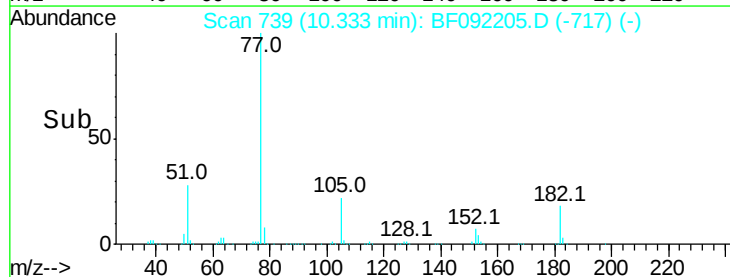
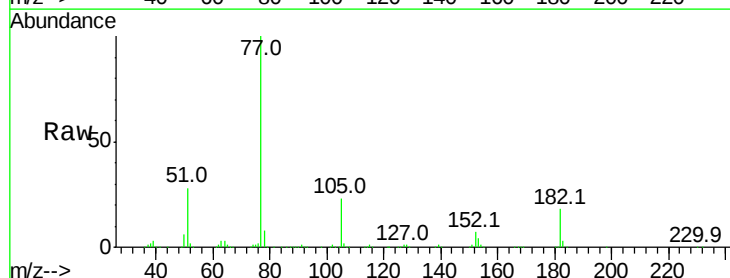
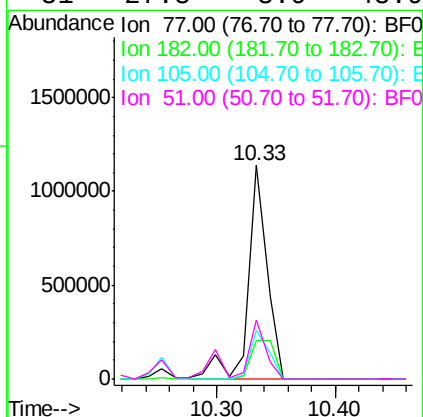
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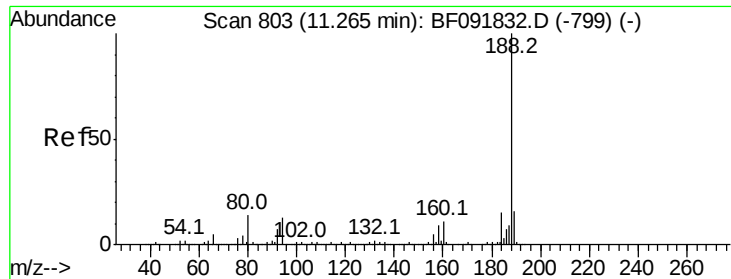
Sohil
1/13/2017 11:06:54 AM



#62
Azobenzene
Concen: 39.38 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.9	0.0	39.3
105	23.0	2.3	42.3
51	27.8	8.9	48.9





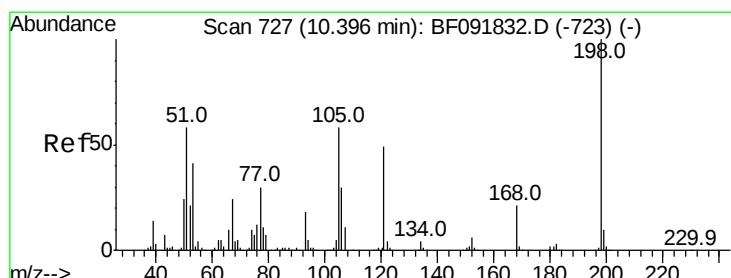
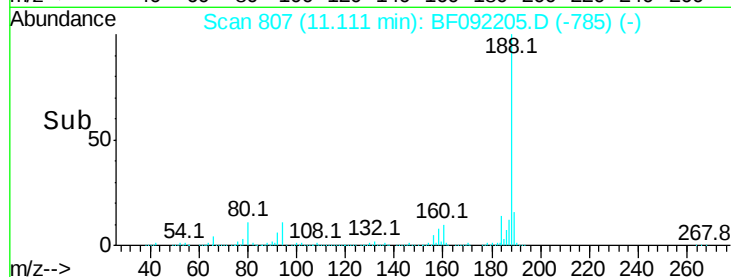
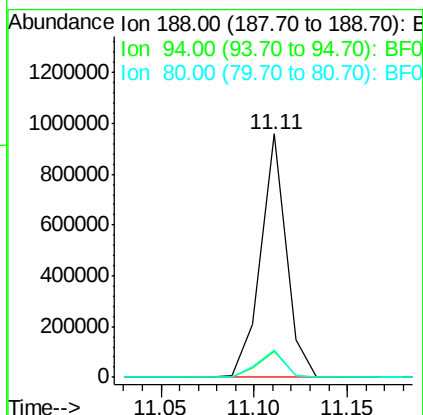
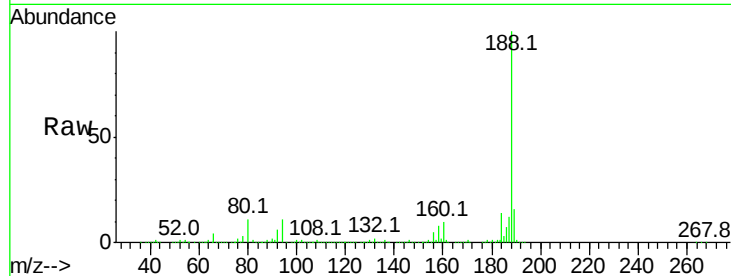
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	907593		
94	10.8		10.0	15.0
80	11.3		11.2	16.8

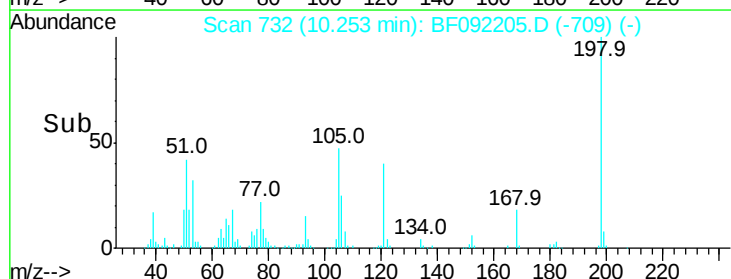
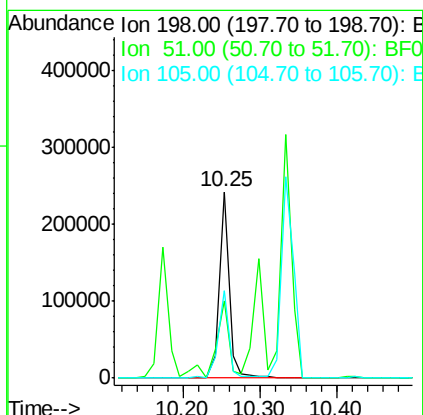
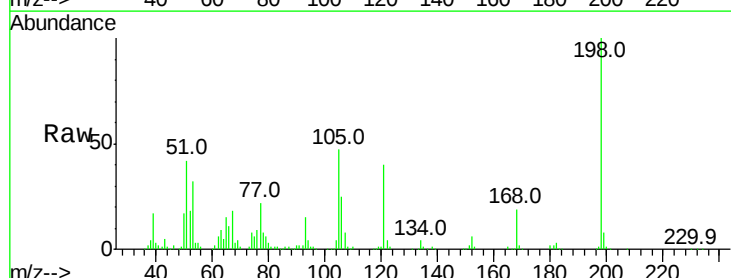
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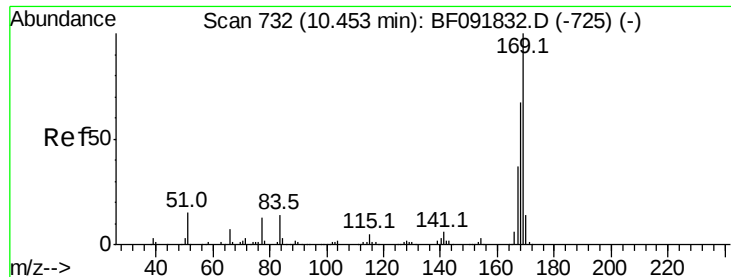
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.83 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	218589		
51	41.7		6.7	46.7
105	46.7		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 33.62 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

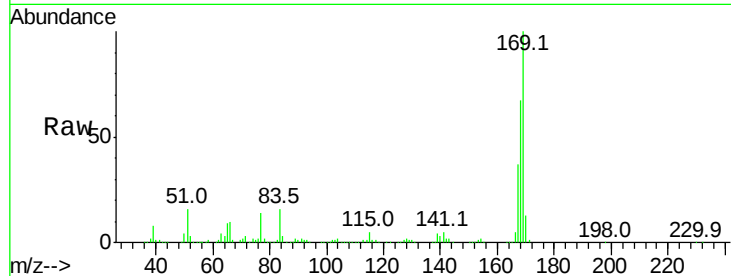
ClientSampleId :

SSTDCCC040

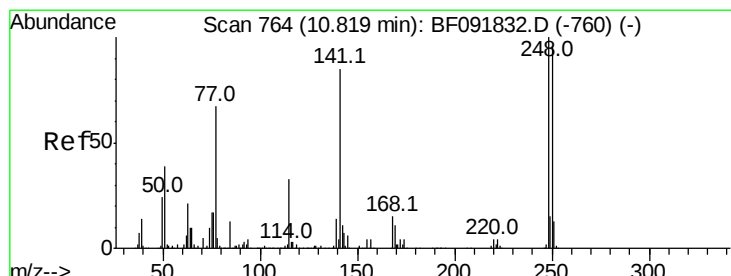
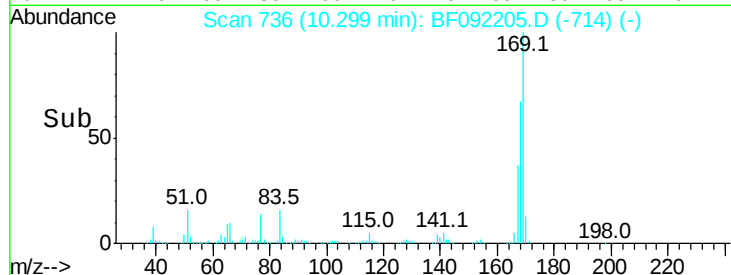
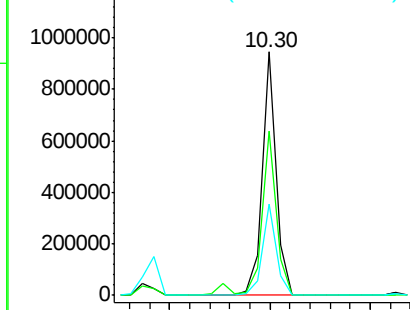
Tot Ion:	169	Resp:	905318
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.2	81.2
167	37.4	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 36.79 ng

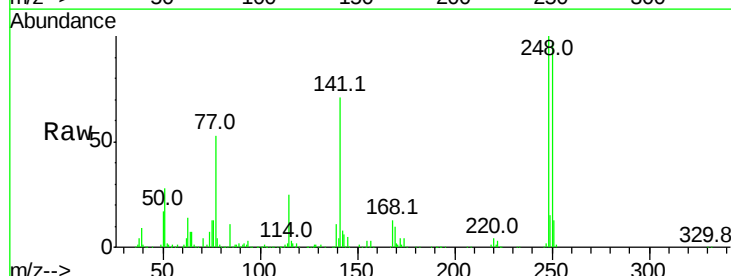
RT: 10.66 min Scan# 768

Delta R.T. -0.05 min

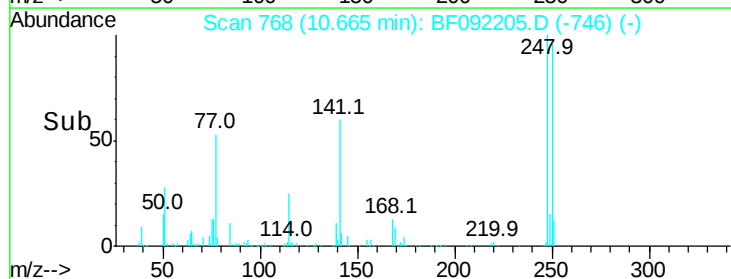
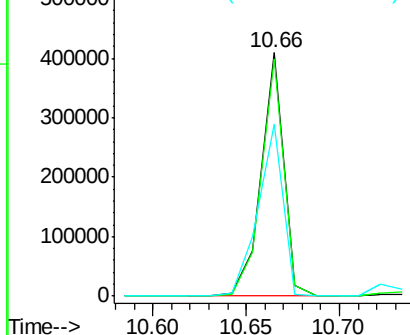
Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion:	248	Resp:	347325
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.9	115.3
141	70.9	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





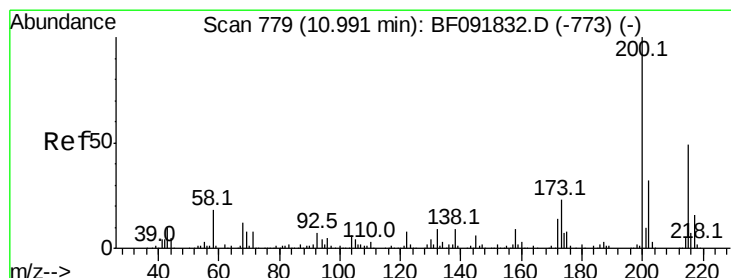
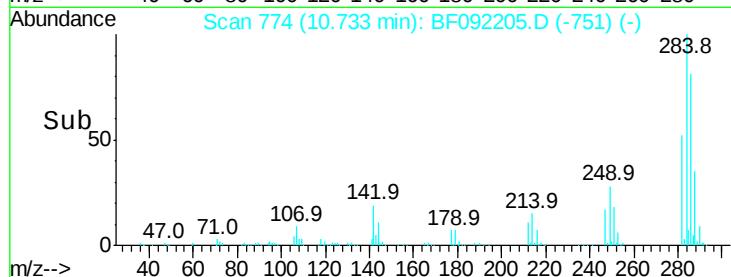
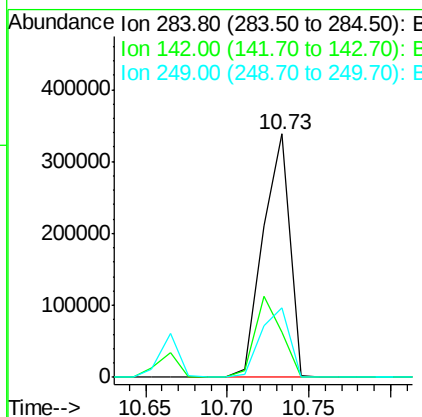
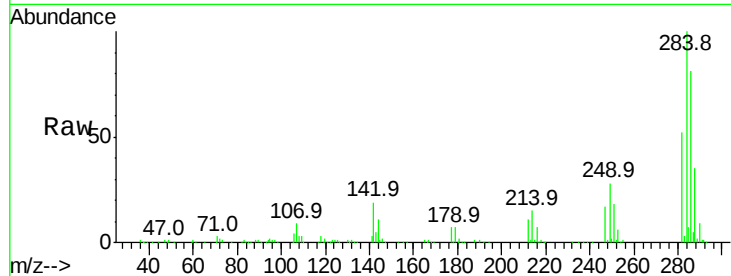
#67
Hexachlorobenzene
Concen: 38.38 ng
RT: 10.73 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	18.7	22.6	33.8#	
249	28.3	25.4	38.0	

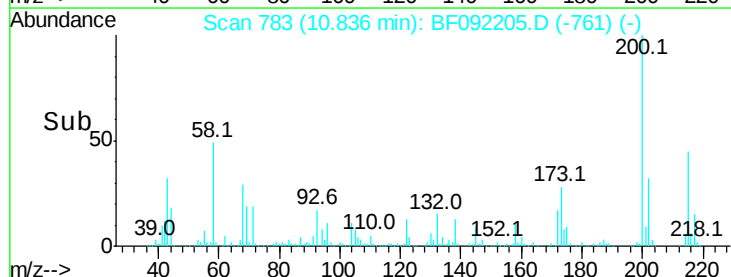
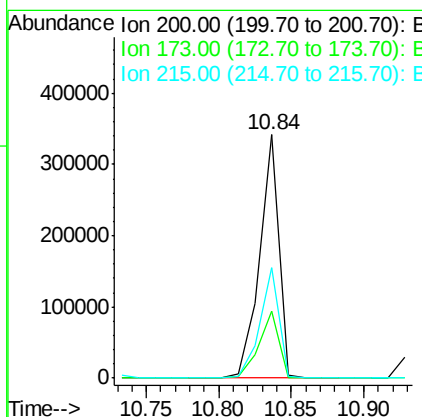
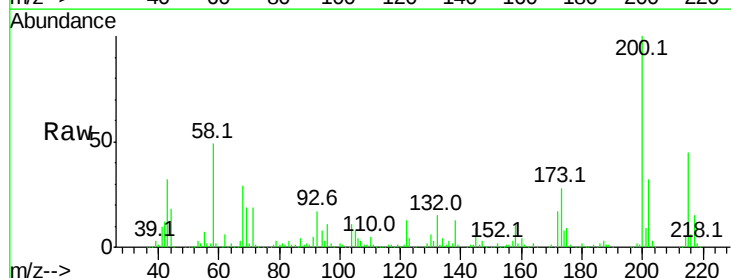
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#68
Atrazine
Concen: 36.25 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.5	9.6	49.6	
215	45.4	25.7	65.7	





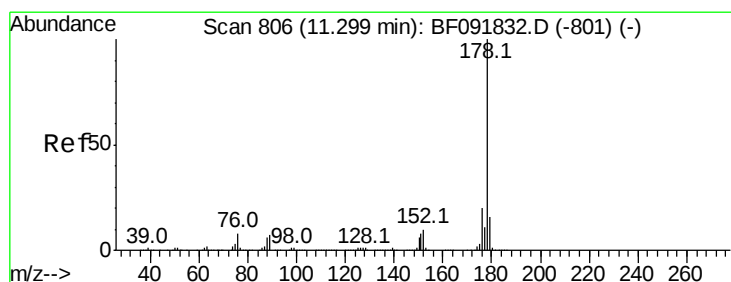
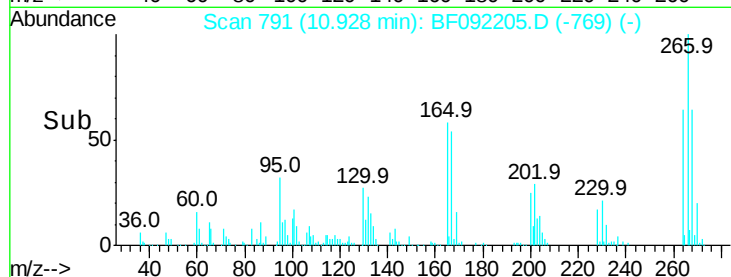
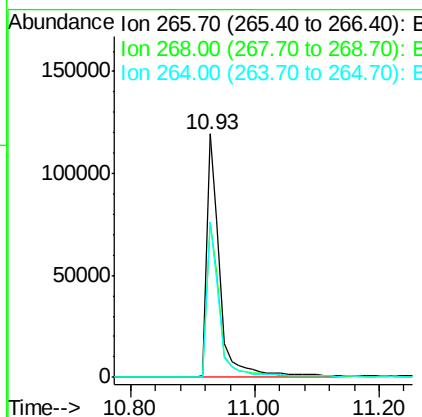
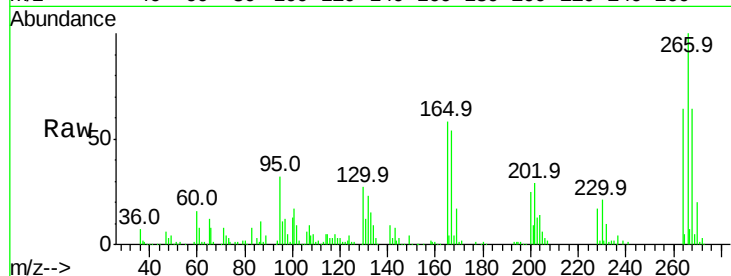
#69
 Pentachlorophenol
 Concen: 35.20 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	53.3	79.9
264	63.6	50.3	75.5

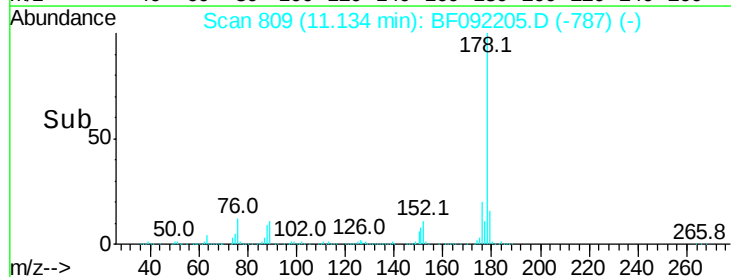
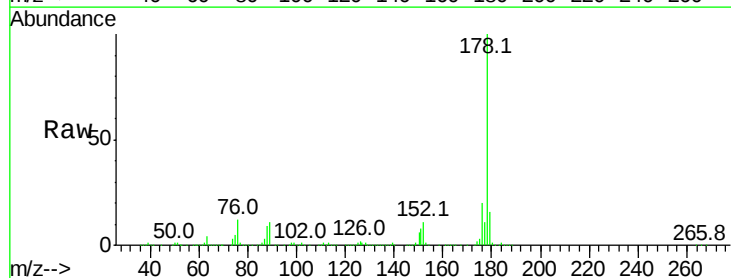
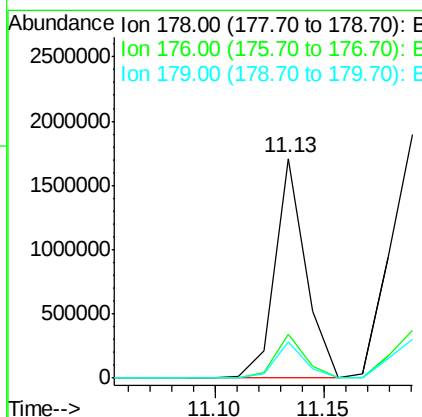
Manual Integrations
 APPROVED

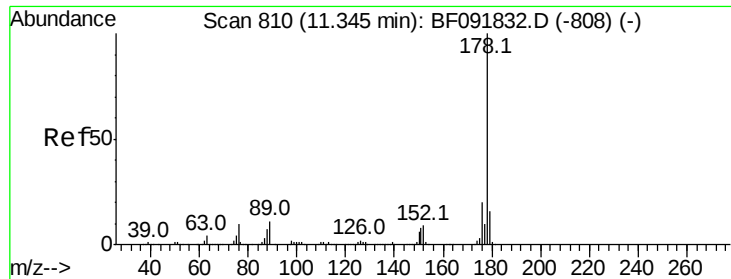
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#70
 Phenanthrene
 Concen: 34.23 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.2	12.8	19.2





#71

Anthracene

Concen: 46.05 ng

RT: 11.19 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1993588

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

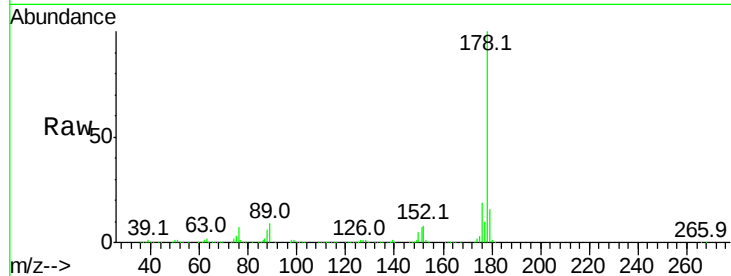
179 15.8 13.2 19.8

Manual Integrations

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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

2500000

2000000

1500000

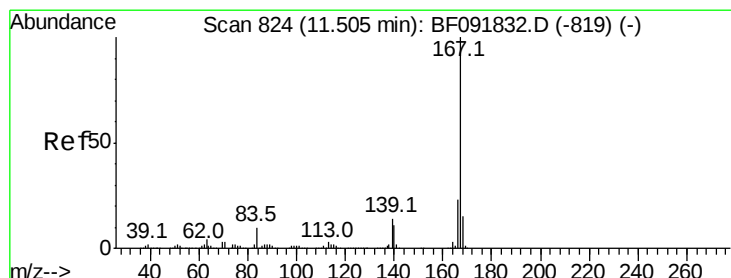
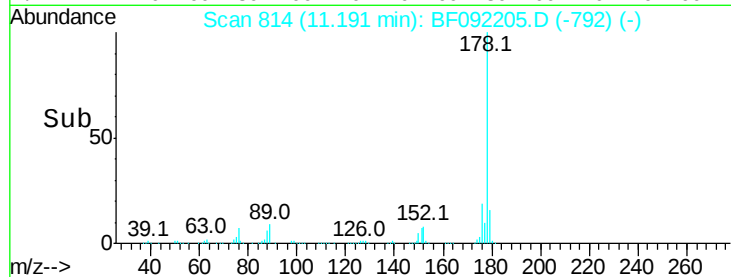
1000000

500000

0

11.10 11.20 11.30

Time-->



#72

Carbazole

Concen: 40.54 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

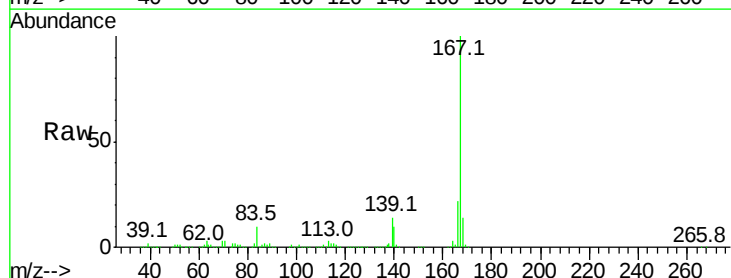
Tgt Ion:167 Resp: 1715577

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

139 13.6 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

2500000

2000000

1500000

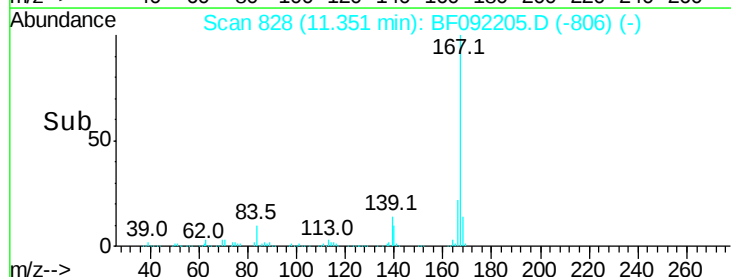
1000000

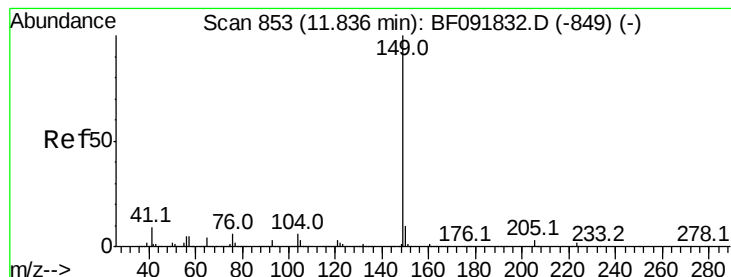
500000

0

11.20 11.30 11.40 11.50

Time-->





#73

Di-n-butylphthalate

Concen: 47.45 ng

RT: 11.69 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

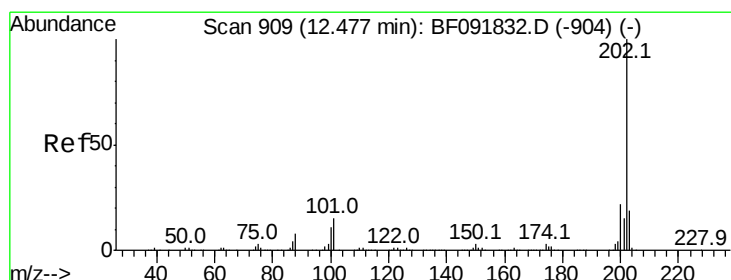
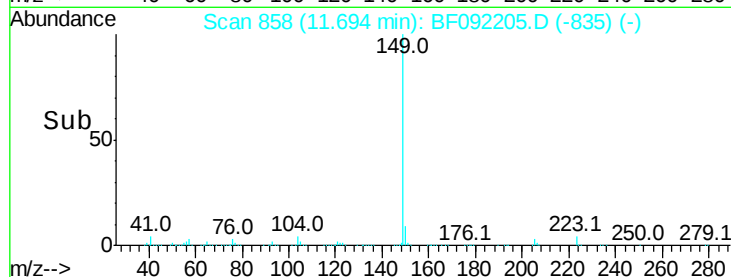
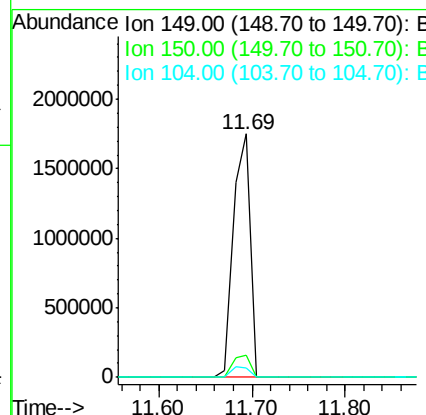
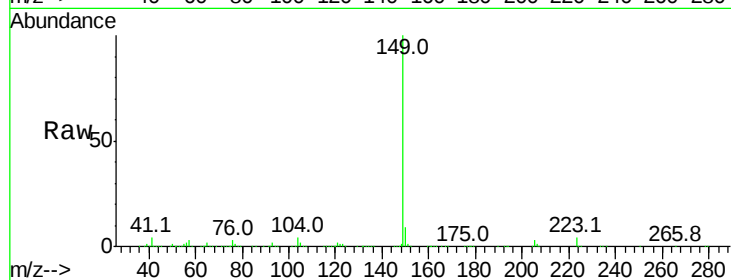
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	3.8	4.6	7.0

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#74

Fluoranthene

Concen: 44.88 ng

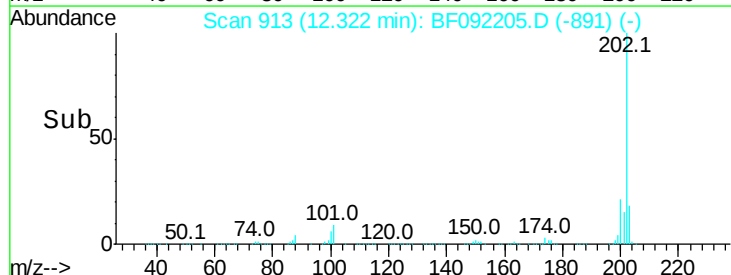
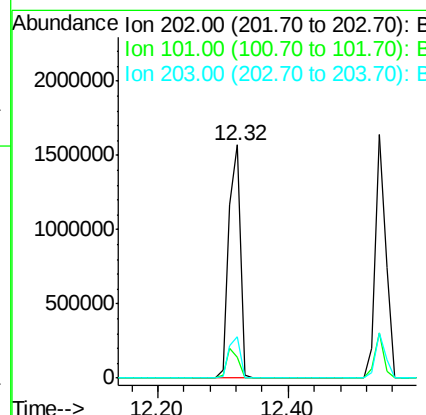
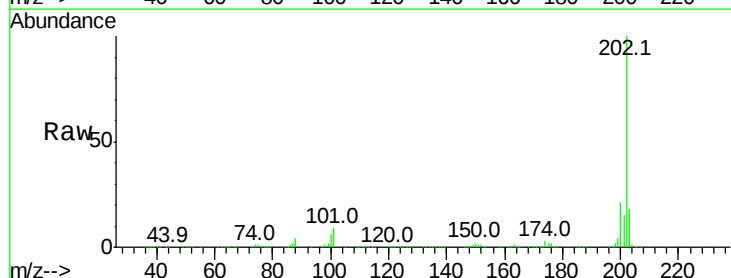
RT: 12.32 min Scan# 913

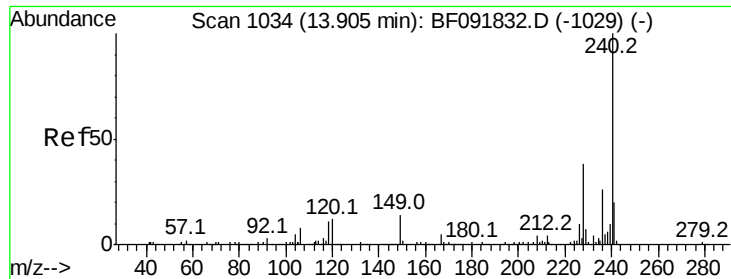
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	34.6
203	17.8	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

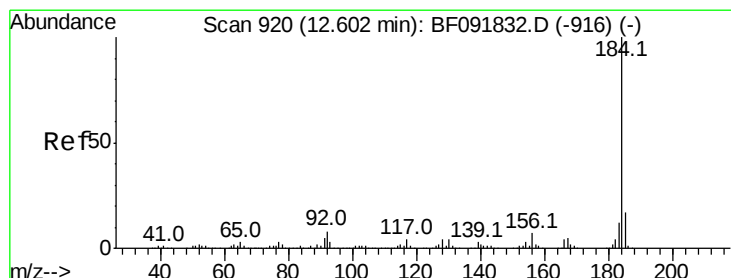
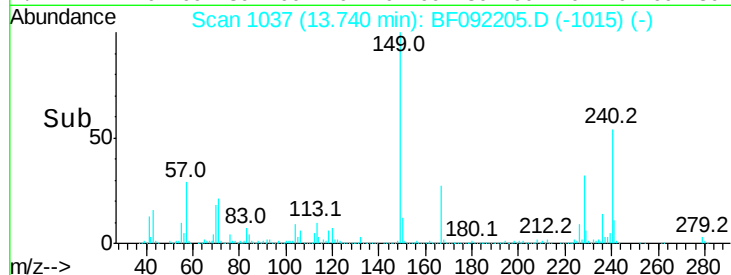
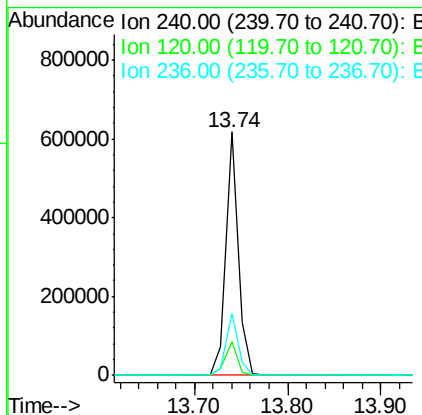
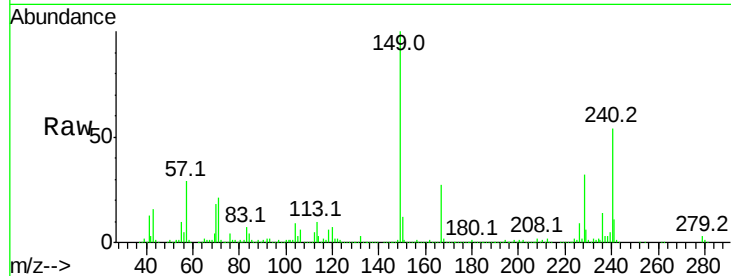
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.9	19.3
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 52.07 ng

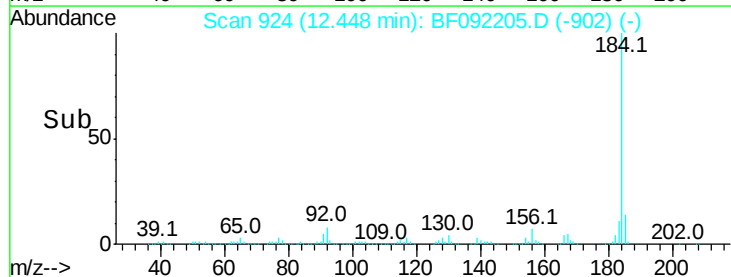
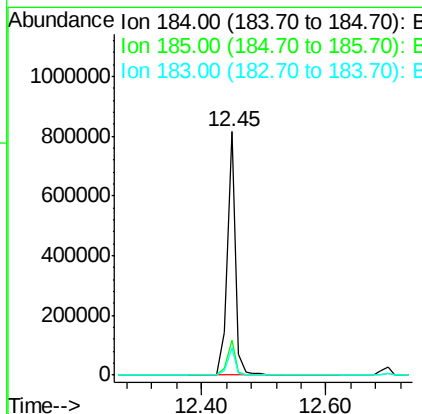
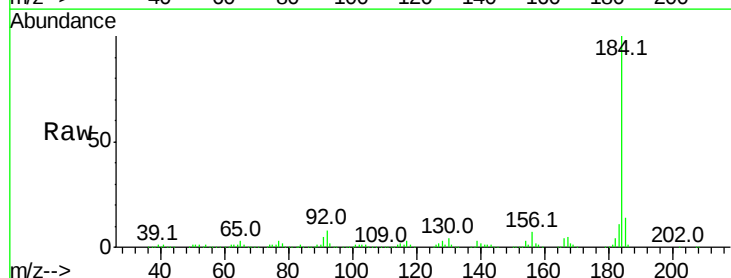
RT: 12.45 min Scan# 924

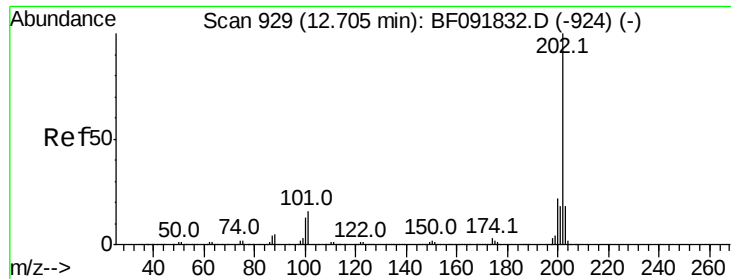
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.1	9.2	13.8





#77

Pvrene

Concen: 42.61 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1789181

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

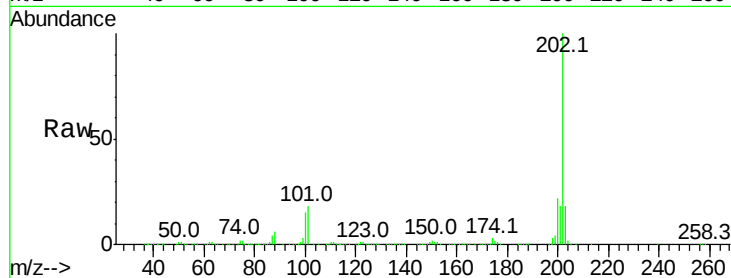
203 18.3 14.7 22.1

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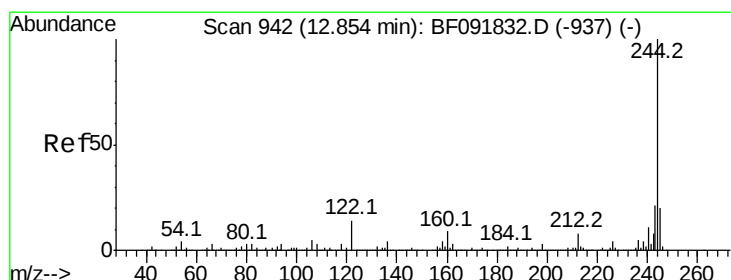
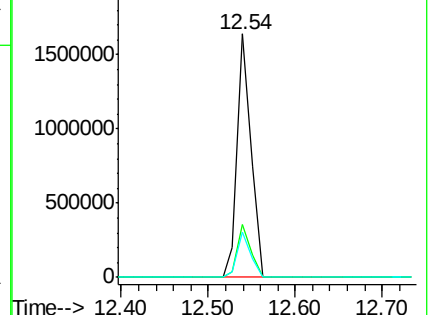
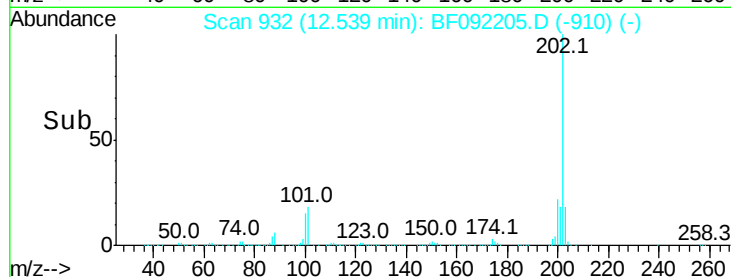
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.36 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

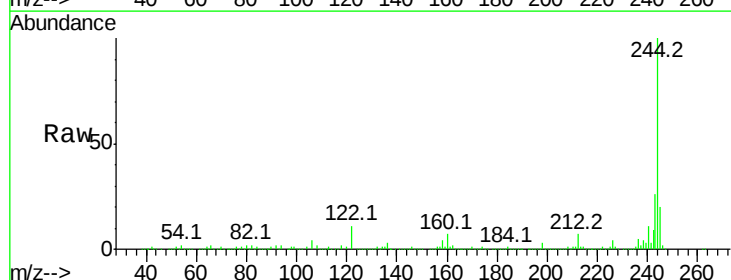
Tgt Ion:244 Resp: 2085306

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

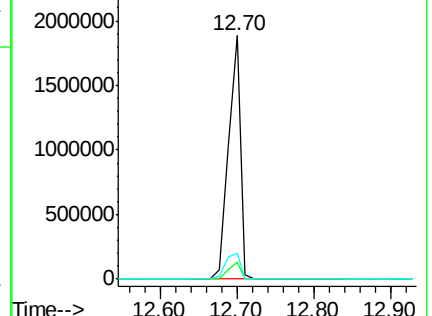
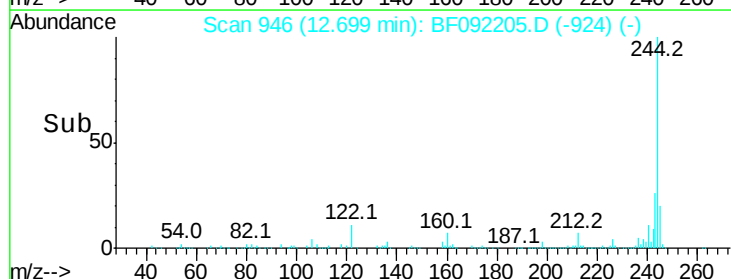
122 10.9 11.4 17.2#

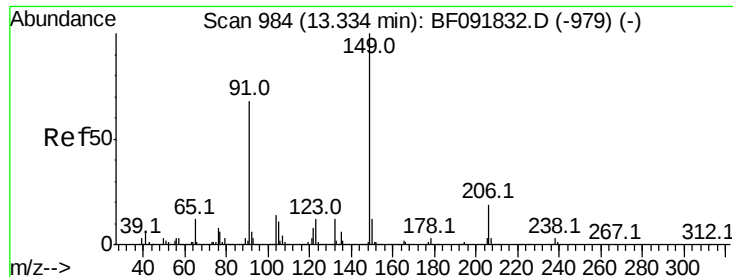


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





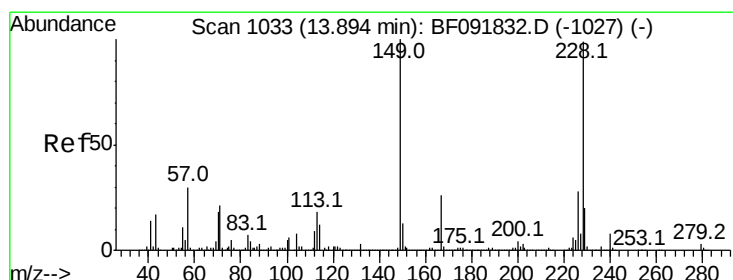
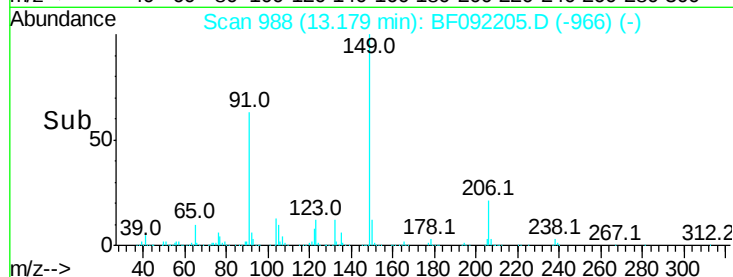
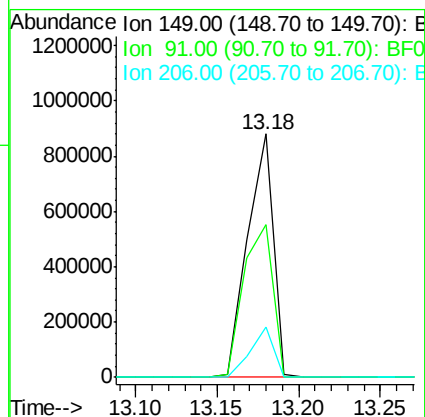
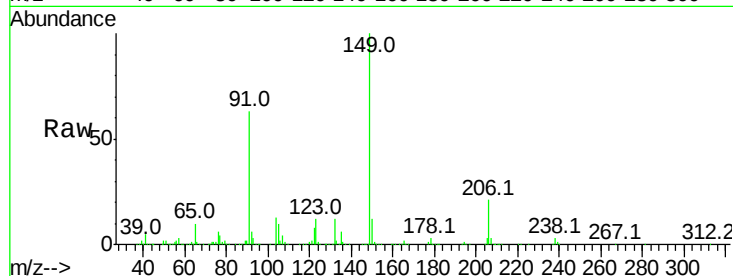
#79
Butylbenzylphthalate
Concen: 50.25 ng
RT: 13.18 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	62.6	63.9	95.9#	
206	20.7	14.6	21.8	

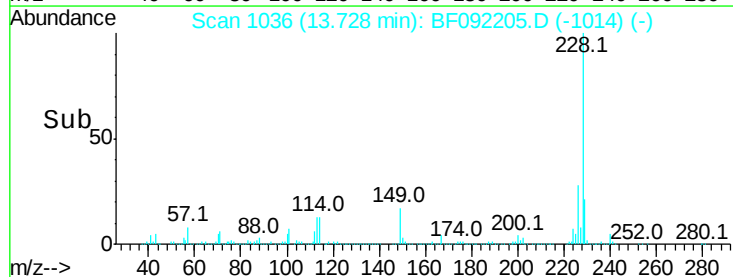
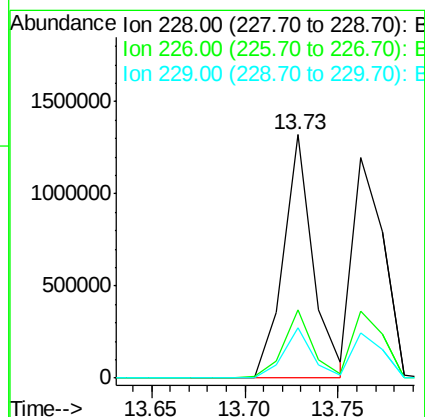
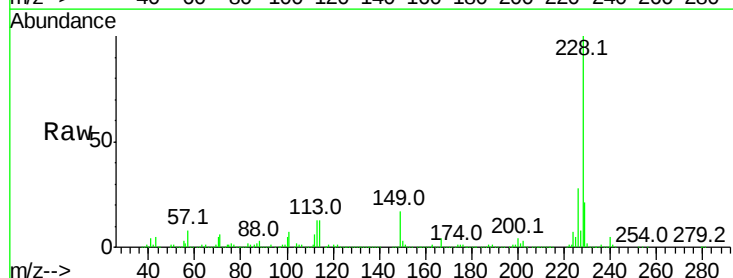
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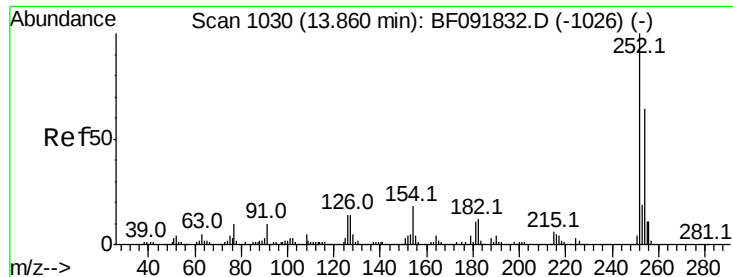
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#80
Benzo(a)anthracene
Concen: 45.42 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	22.4	33.6	
229	20.7	16.2	24.4	





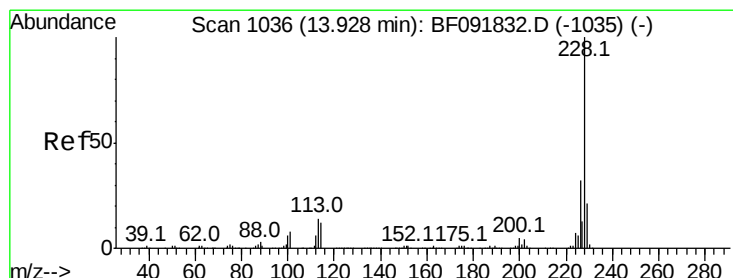
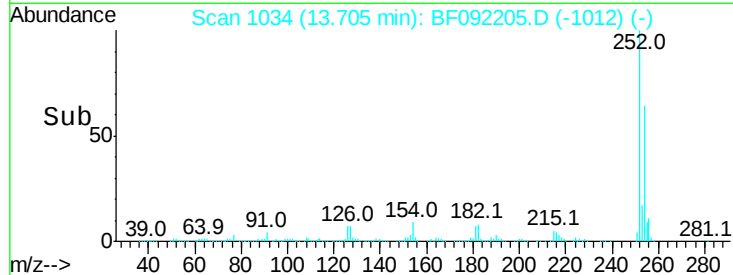
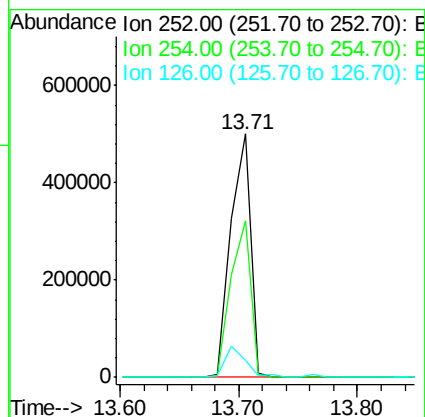
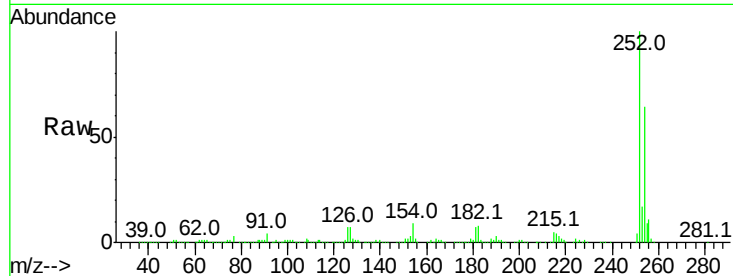
#81
 3,3'-Dichlorobenzidine
 Concen: 47.47 ng
 RT: 13.71 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	581551		
254	64.3	52.3	78.5	
126	7.0	13.6	20.4	

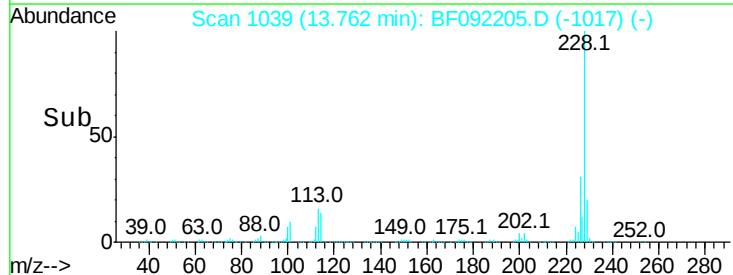
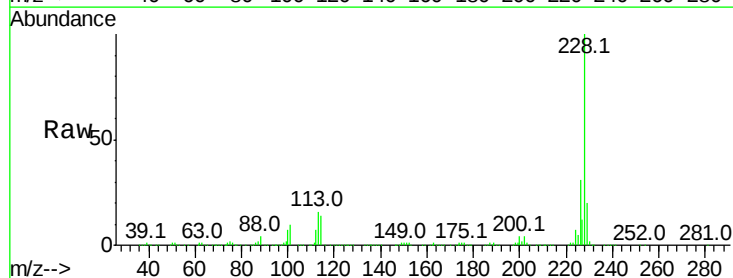
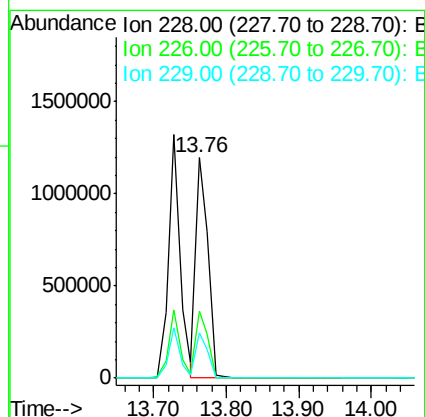
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#82
 Chrysene
 Concen: 42.84 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF092205.D
 Acq: 12 Jan 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1388230		
226	30.6	25.4	38.0	
229	20.5	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.25 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1062651

Ion Ratio Lower Upper

149 100

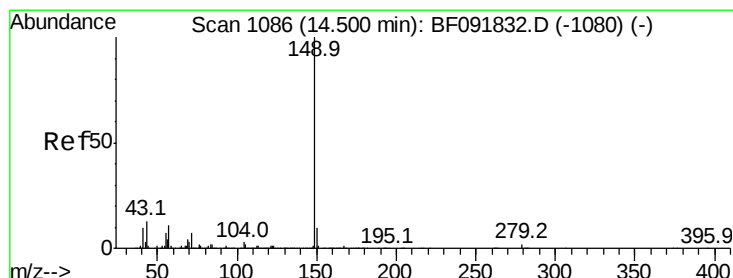
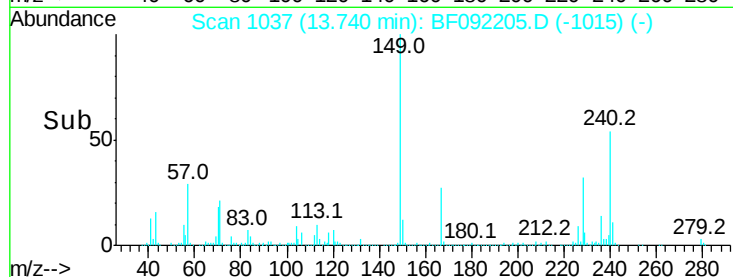
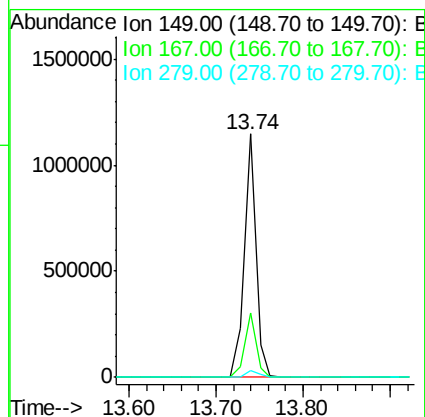
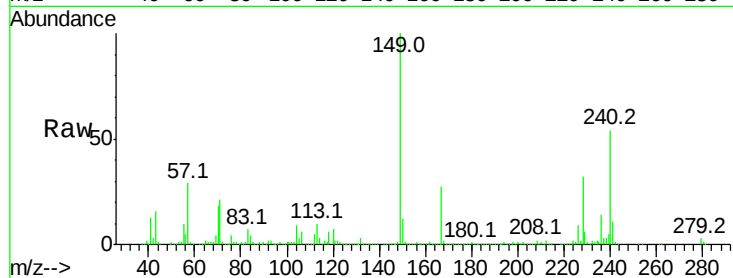
167 26.6 20.2 30.4

279 2.8 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 46.97 ng

RT: 14.35 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

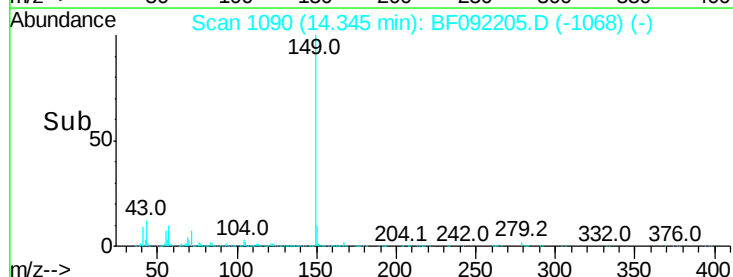
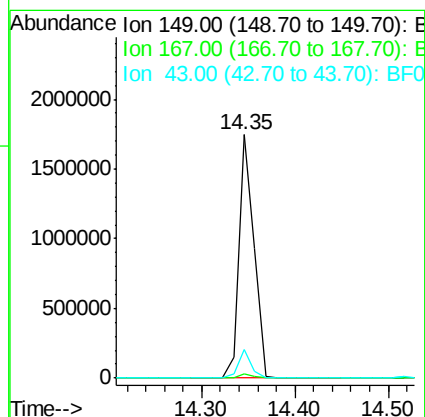
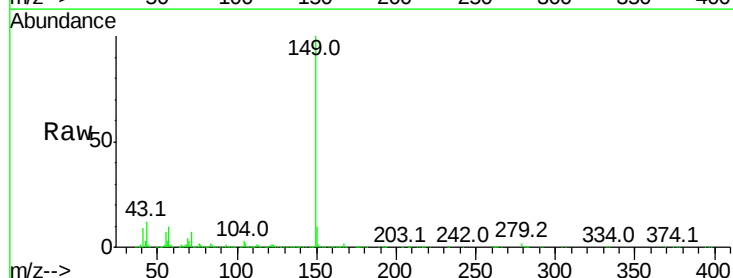
Tgt Ion:149 Resp: 1956825

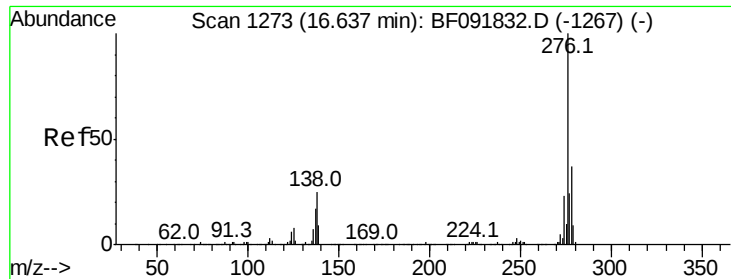
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.5 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.06 ng

RT: 16.35 min Scan# 1265

Delta R.T. -0.08 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1236846

Ion Ratio Lower Upper

276 100

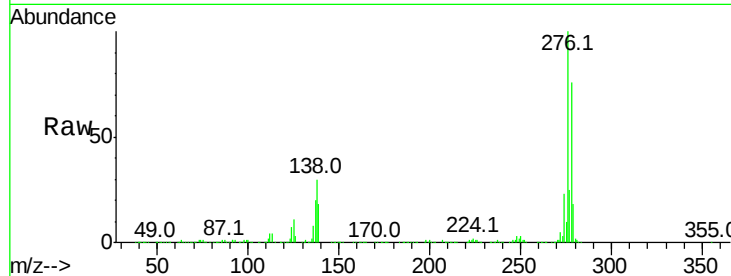
138 30.8 21.8 32.6

277 24.9 20.2 30.4

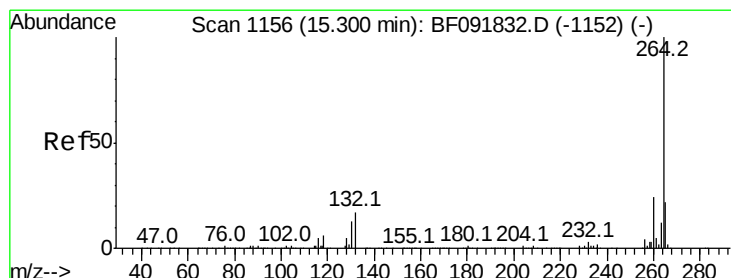
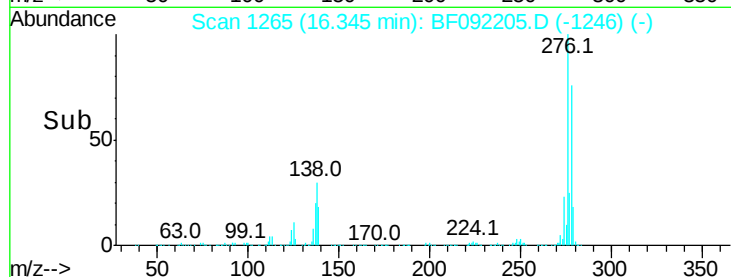
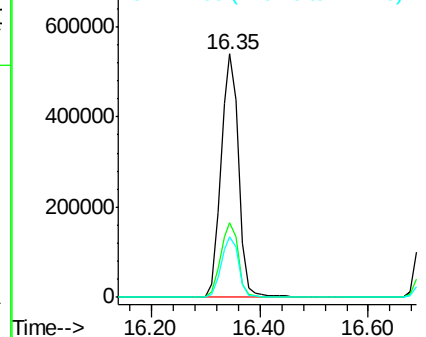
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1156

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

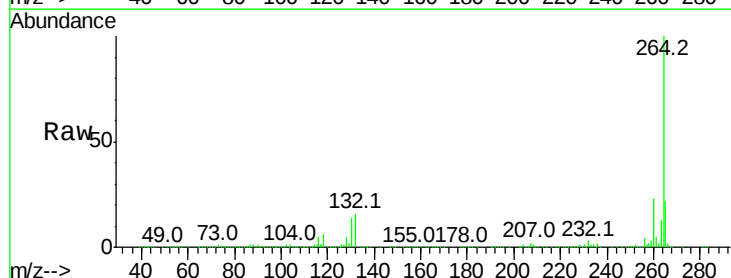
Tgt Ion:264 Resp: 561174

Ion Ratio Lower Upper

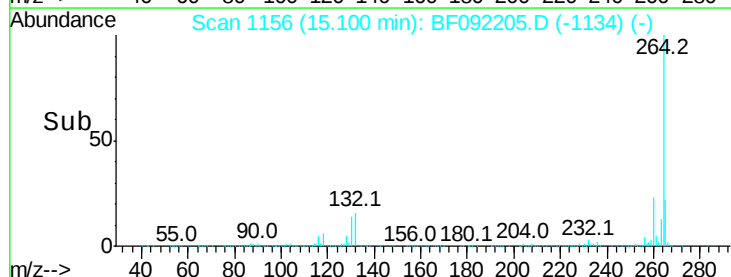
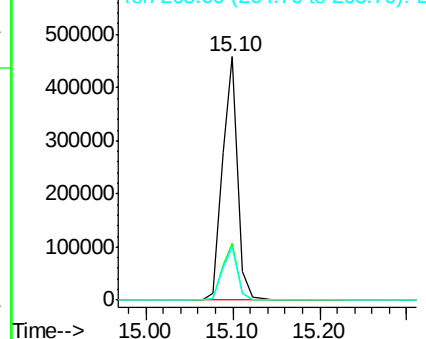
264 100

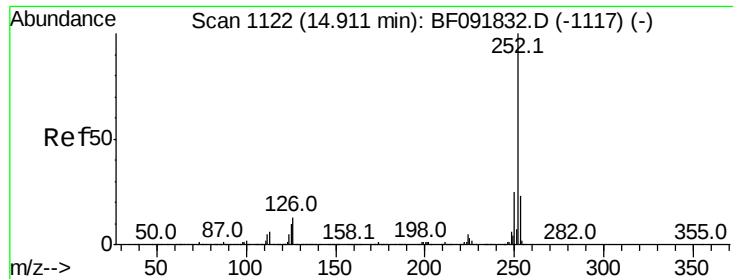
260 23.3 19.2 28.8

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.47 ng m

RT: 14.73 min Scan# 1124

Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

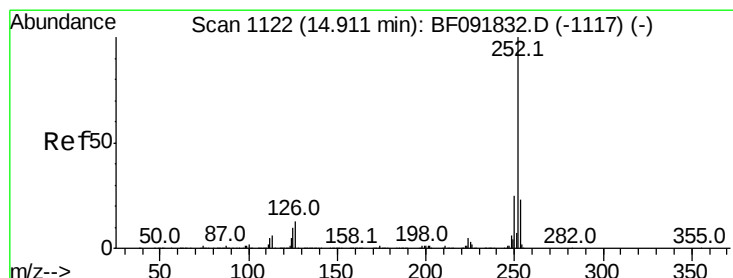
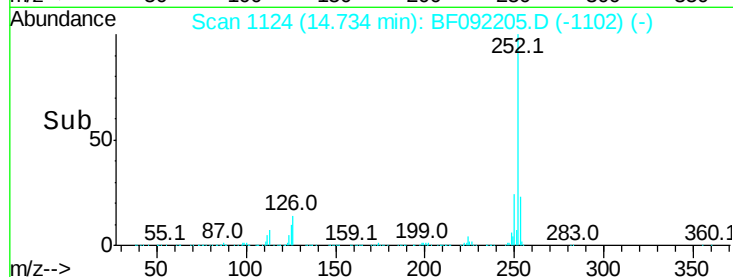
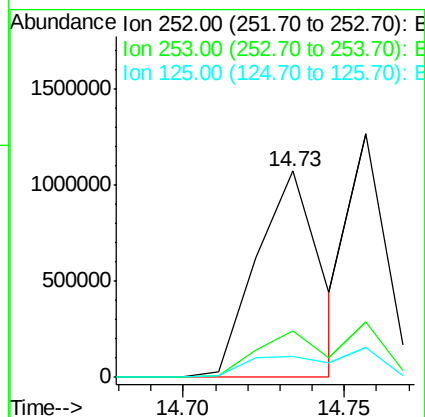
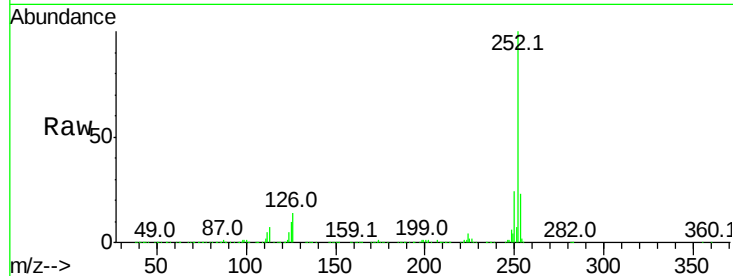
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp: 1483661		
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	10.3	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 33.70 ng m

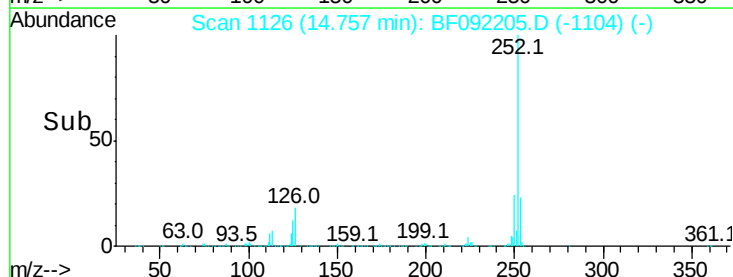
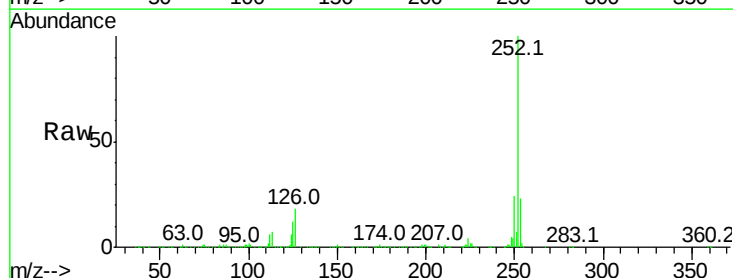
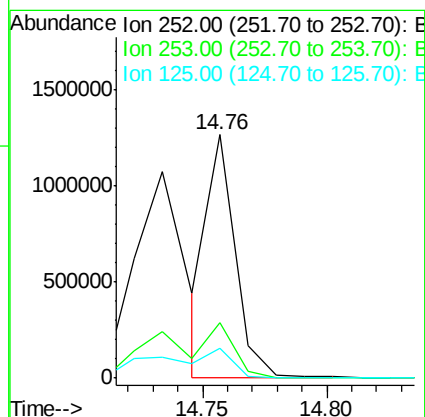
RT: 14.76 min Scan# 1126

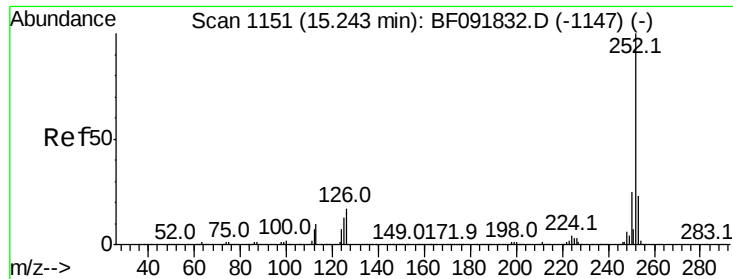
Delta R.T. -0.05 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Tgt Ion	252	Resp: 1004120	
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	12.4	8.9	13.3





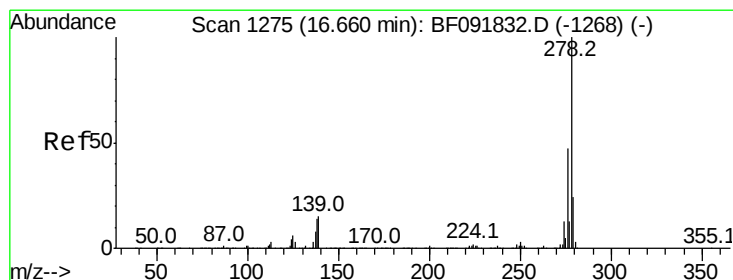
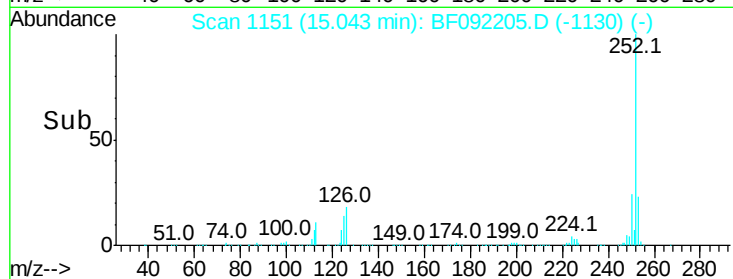
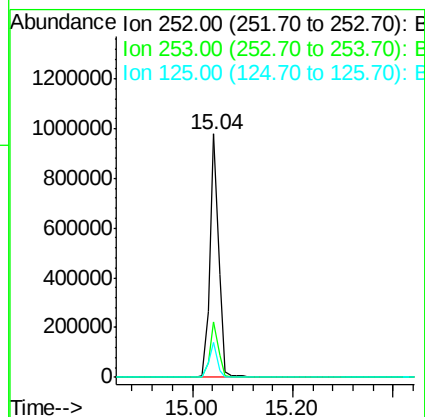
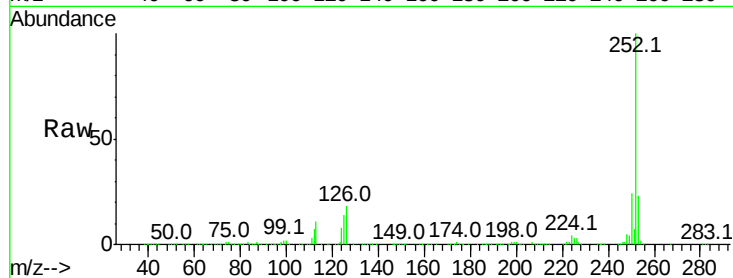
#89
Benzo(a)pyrene
Concen: 37.82 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1172688
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 14.3 10.0 15.0

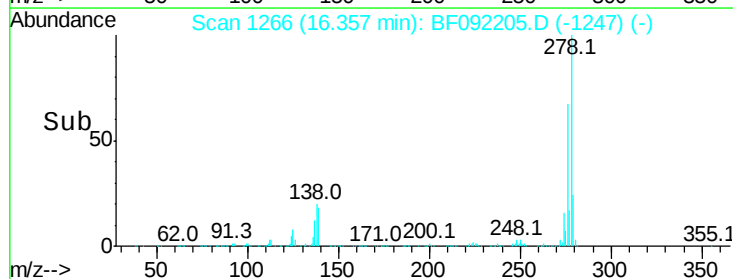
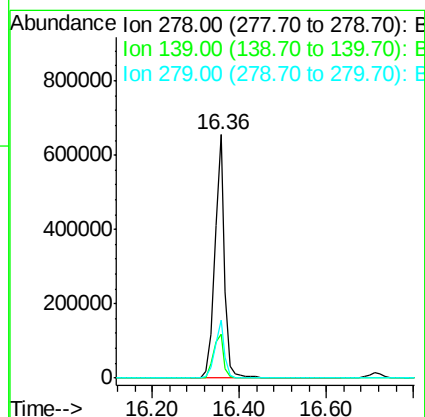
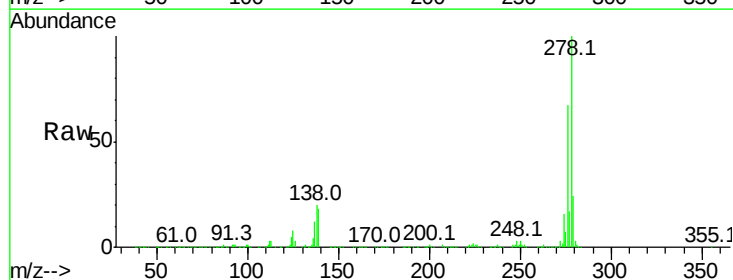
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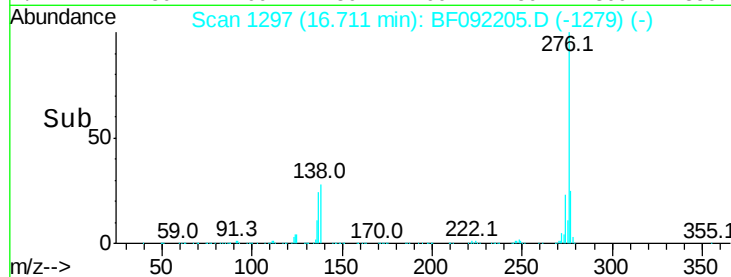
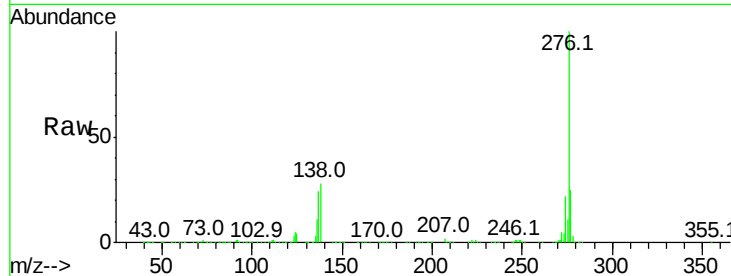
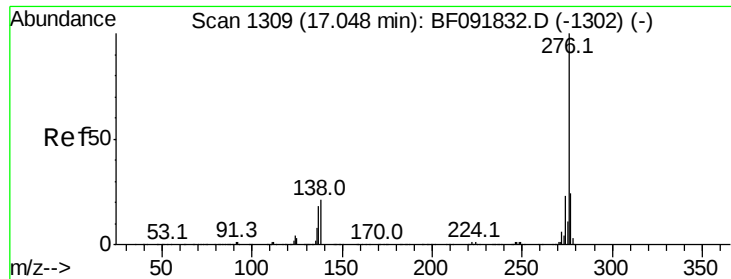
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#90
Dibenzo(a,h)anthracene
Concen: 40.76 ng
RT: 16.36 min Scan# 1266
Delta R.T. -0.08 min
Lab File: BF092205.D
Acq: 12 Jan 2017 13:00

Tgt Ion:278 Resp: 1038970
Ion Ratio Lower Upper
278 100
139 18.2 14.8 22.2
279 23.9 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 41.97 ng

RT: 16.71 min Scan# 1297

Delta R.T. -0.09 min

Lab File: BF092205.D

Acq: 12 Jan 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1112254

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 28.3 16.0 24.0#

Manual Integrations

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