

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092097.D
 Acq On : 5 Jan 2017 18:37
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/6/2017 10:10:04 AM

Quant Time: Jan 06 00:15:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	238189	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	1002965	20.00	ng	-0.05
38) Acenaphthene-d10	9.69	164	569079	20.00	ng	-0.06
63) Phenanthrene-d10	11.17	188	886500	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	558187	20.00	ng	-0.07
86) Perylene-d12	15.17	264	521797	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1192993	83.63	ng	-0.07
7) Phenol-d6	6.32	99	1449329	83.22	ng	-0.06
23) Nitrobenzene-d5	7.22	82	1301780	72.17	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	371884	78.96	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	2096780	73.79	ng	-0.06
78) Terphenyl-d14	12.76	244	2114828	91.89	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	257771	36.70	ng	98
3) Pyridine	2.76	79	891170	36.36	ng	97
4) n-Nitrosodimethylamine	2.72	42	320480	34.66	ng	92
6) Aniline	6.32	93	892895	39.47	ng	# 61
8) 2-Chlorophenol	6.45	128	649222	40.01	ng	85
9) Benzaldehyde	6.20	77	429441	45.46	ng	97
10) Phenol	6.33	94	935053	47.11	ng	# 66
11) bis(2-Chloroethyl)ether	6.40	93	666801	42.23	ng	92
12) 1,3-Dichlorobenzene	6.60	146	709371	40.95	ng	99
13) 1,4-Dichlorobenzene	6.66	146	702293	39.83	ng	99
14) 1,2-Dichlorobenzene	6.82	146	658273	43.03	ng	99
15) Benzyl Alcohol	6.81	79	539981	39.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	987388	41.99	ng	# 21
17) 2-Methylphenol	6.94	107	540654	41.43	ng	95
18) Hexachloroethane	7.17	117	271278	41.50	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	502569	43.37	ng	# 88
20) 3+4-Methylphenols	7.10	107	741455	47.64	ng	# 71
22) Acetophenone	7.08	105	993512	40.16	ng	# 91
24) Nitrobenzene	7.25	77	803812	41.84	ng	92
25) Isophorone	7.49	82	1323749	39.78	ng	96
26) 2-Nitrophenol	7.57	139	386017	40.75	ng	# 76
27) 2,4-Dimethylphenol	7.61	122	548442	34.90	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	790306	39.16	ng	99
29) 2,4-Dichlorophenol	7.81	162	512620	38.53	ng	84
30) 1,2,4-Trichlorobenzene	7.89	180	559905	38.40	ng	96
31) Naphthalene	7.97	128	1975339	43.03	ng	99
32) Benzoic acid	7.77	122	533347	45.76	ng	94
33) 4-Chloroaniline	8.02	127	856153	41.36	ng	96
34) Hexachlorobutadiene	8.08	225	285941	37.15	ng	99
35) Caprolactam	8.40	113	176353	40.33	ng	# 66
36) 4-Chloro-3-methylphenol	8.52	107	586704	38.32	ng	100
37) 2-Methylnaphthalene	8.65	142	1246741	44.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	584574	40.66	ng	99
40) Hexachlorocyclopentadiene	8.81	237	223358	37.13	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	388242	38.61	nq	96
43) 2,4,5-Trichlorophenol	8.98	196	409464	39.57	nq	93
45) 1,1'-Biphenyl	9.12	154	1671824	42.91	nq	99
46) 2-Chloronaphthalene	9.14	162	1272953	41.25	nq	99
47) 2-Nitroaniline	9.25	65	485970	44.23	nq #	84
48) Acenaphthylene	9.56	152	1932370	40.72	nq	99
49) Dimethylphthalate	9.43	163	1411098	38.77	nq	98
50) 2,6-Dinitrotoluene	9.49	165	293650	36.86	nq #	73
51) Acenaphthene	9.73	154	1241338	38.58	nq	98
52) 3-Nitroaniline	9.66	138	416212	42.22	nq	95
53) 2,4-Dinitrophenol	9.76	184	166022	37.45	nq #	50
54) Dibenzofuran	9.90	168	1630493	37.53	nq	95
55) 4-Nitrophenol	9.84	139	299368	44.72	nq #	81
56) 2,4-Dinitrotoluene	9.89	165	351834	35.19	nq #	79
57) Fluorene	10.24	166	1274915	40.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	332867	40.67	nq	97
59) Diethylphthalate	10.13	149	1447283	40.94	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	500458	36.16	nq	98
61) 4-Nitroaniline	10.28	138	440171	43.08	nq	80
62) Azobenzene	10.39	77	1538543	39.53	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	233736	43.60	nq #	54
65) n-Nitrosodiphenylamine	10.36	169	1095290	41.64	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	384340	41.68	nq #	88
67) Hexachlorobenzene	10.78	284	386309	39.19	nq #	77
68) Atrazine	10.89	200	344344	40.58	nq	94
69) Pentachlorophenol	10.98	266	211915	43.82	nq	99
70) Phenanthrene	11.19	178	1699772	35.36	nq	99
71) Anthracene	11.25	178	1982340	47.36	nq	99
72) Carbazole	11.41	167	1873770	49.59	nq	98
73) Di-n-butylphthalate	11.74	149	2110384	46.47	nq	100
74) Fluoranthene	12.38	202	2020620	48.18	nq	95
76) Benzidine	12.51	184	715372	52.22	nq	99
77) Pyrene	12.60	202	1888246	46.11	nq	99
79) Butylbenzylphthalate	13.24	149	928625	49.86	nq #	83
80) Benzo(a)anthracene	13.79	228	1453030	46.12	nq	100
81) 3,3'-Dichlorobenzidine	13.76	252	577182	48.31	nq #	95
82) Chrysene	13.83	228	1478413	46.78	nq	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	999015	45.54	nq	97
84) Di-n-octyl phthalate	14.40	149	1764105	43.41	nq	99
85) Indeno(1,2,3-cd)pyrene	16.45	276	1043880	38.13	nq	97
87) Benzo(b)fluoranthene	14.79	252	1229961m	37.86	nq	
88) Benzo(k)fluoranthene	14.81	252	1206255m	43.54	nq	
89) Benzo(a)pyrene	15.11	252	1167059	40.48	nq	98
90) Dibenzo(a,h)anthracene	16.46	278	883161	37.26	nq	98
91) Benzo(g,h,i)perylene	16.83	276	958434	38.89	nq #	94

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

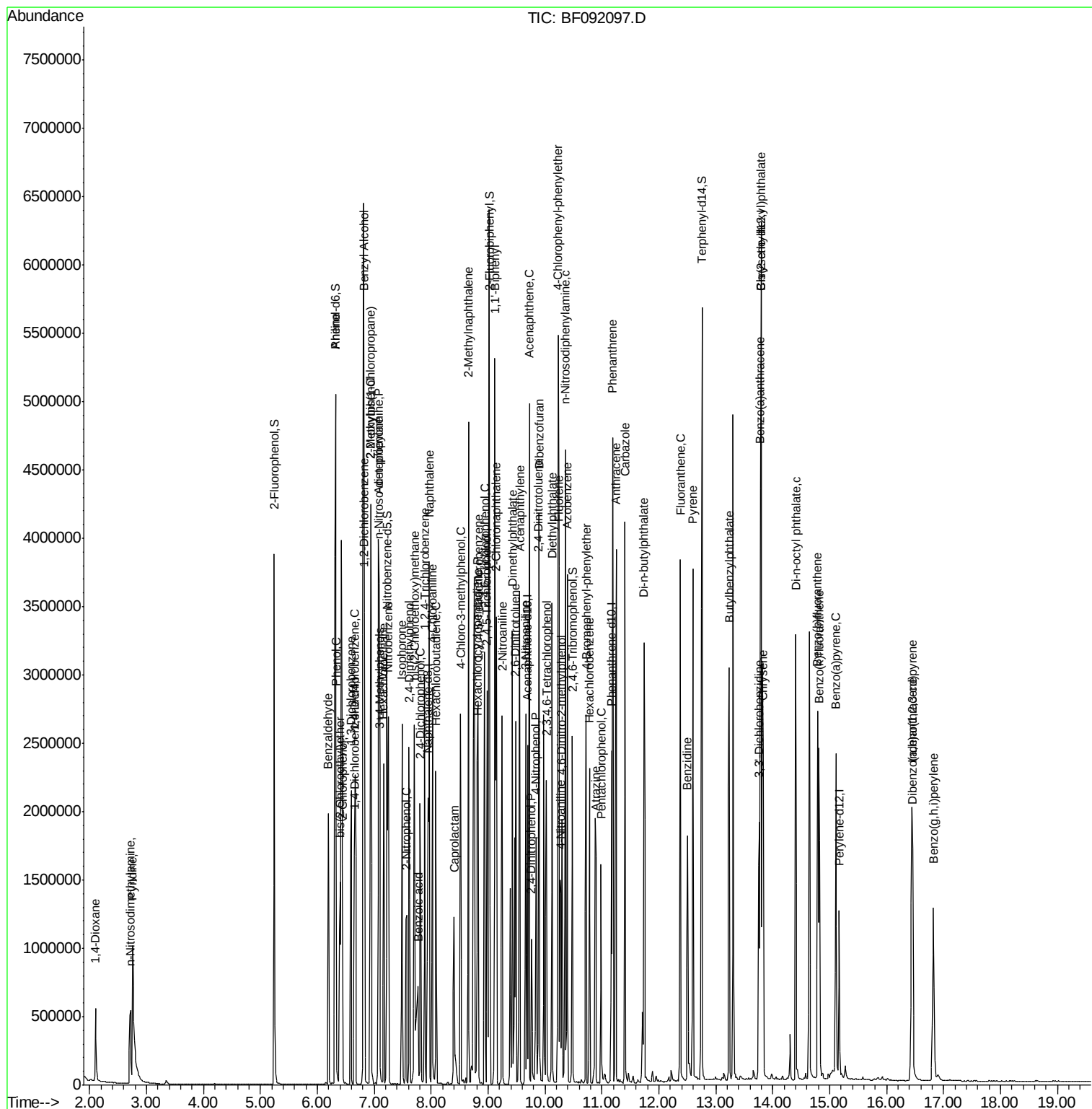
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
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 Sample : SSTDCCC040
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 ALS Vial : 2 Sample Multiplier: 1

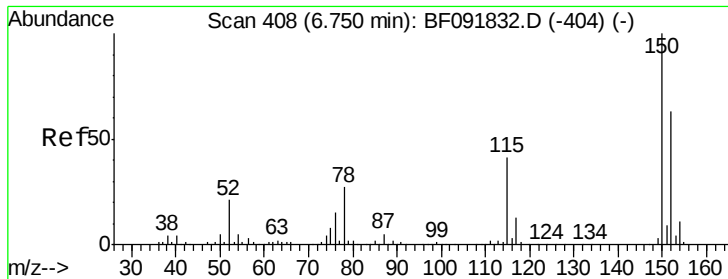
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

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#1

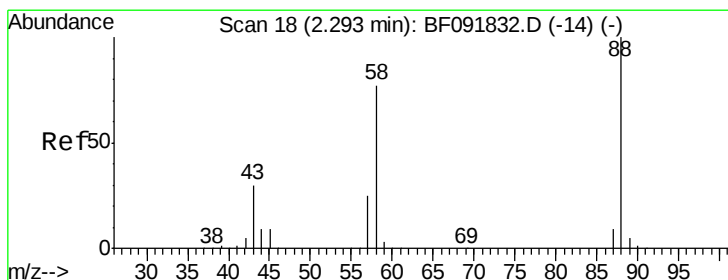
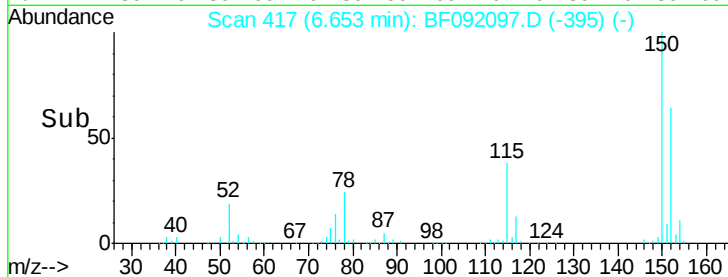
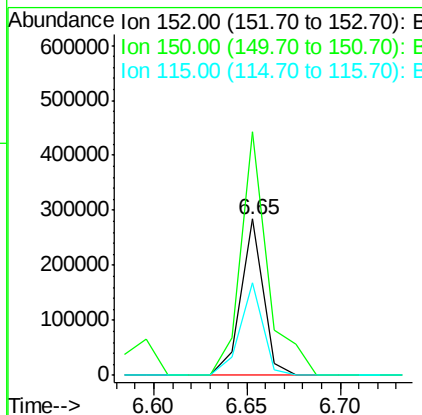
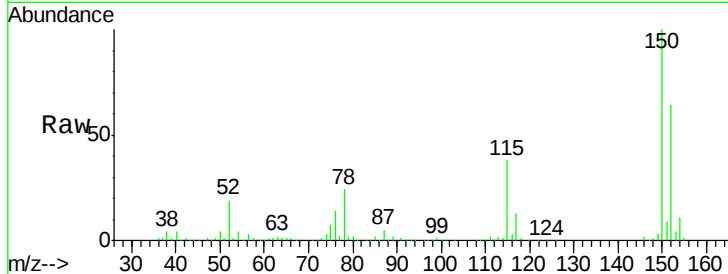
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	59.4	46.0	69.0

Manual Integrations
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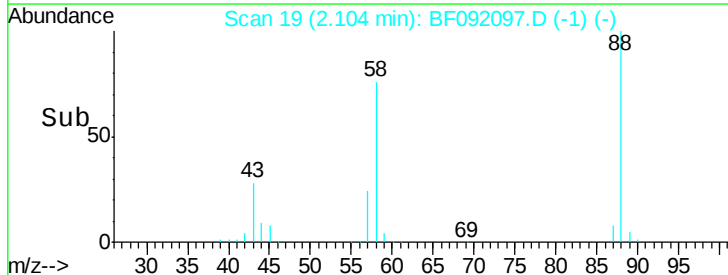
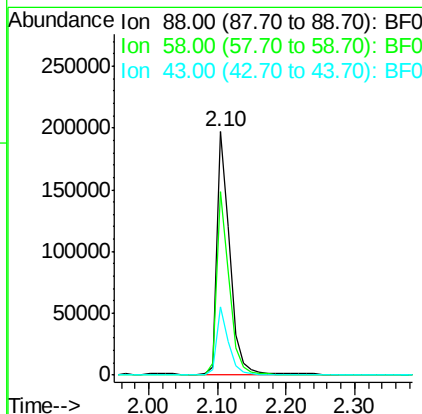
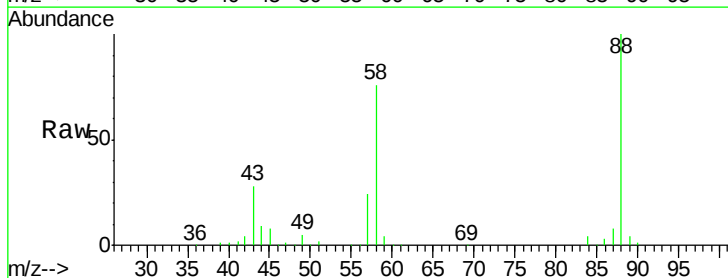
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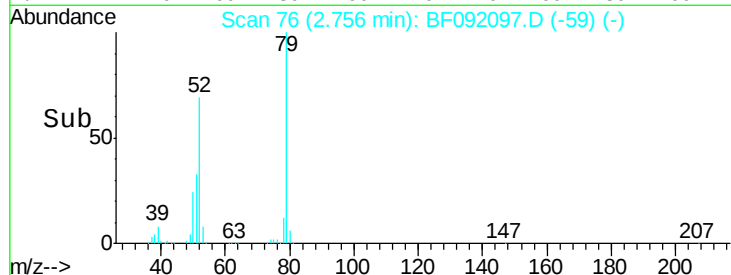
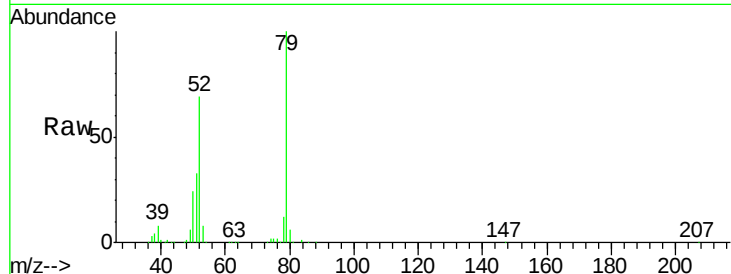
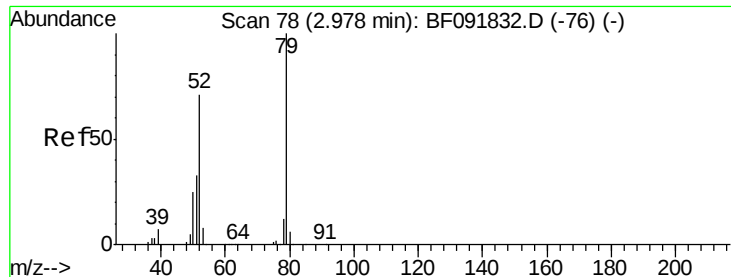


#2

1,4-Dioxane
Concen: 36.70 ng
RT: 2.10 min Scan# 19
Delta R.T. -0.09 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	57.8	86.8
43	27.6	22.3	33.5





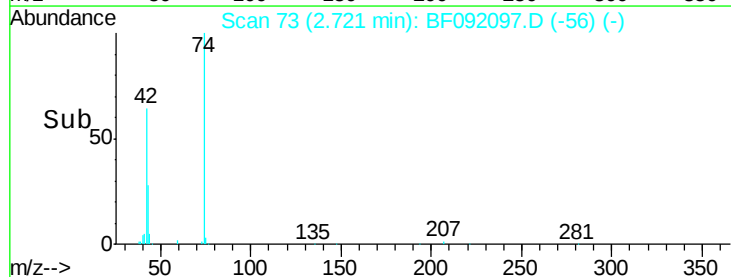
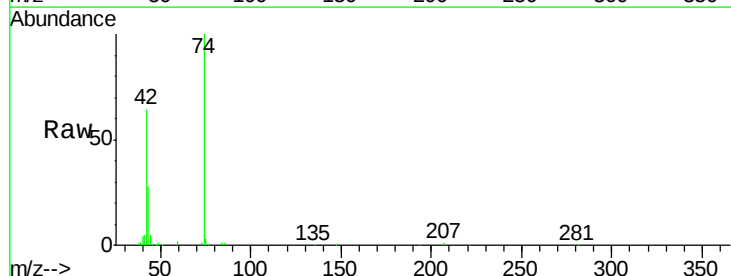
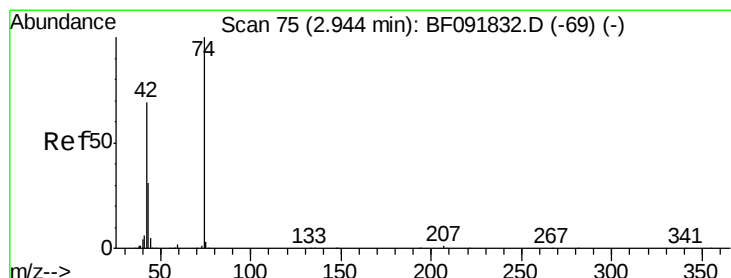
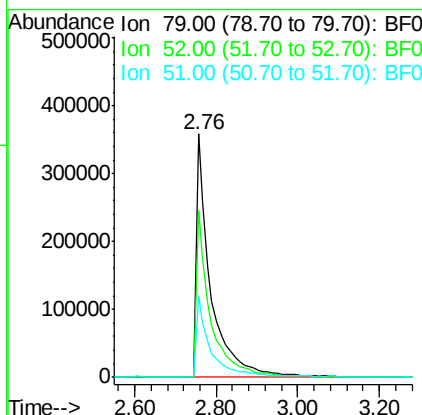
#3
Pvridine
Concen: 36.36 ng
RT: 2.76 min Scan# 76
Delta R.T. -0.11 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.5	57.1	85.7
51	33.1	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

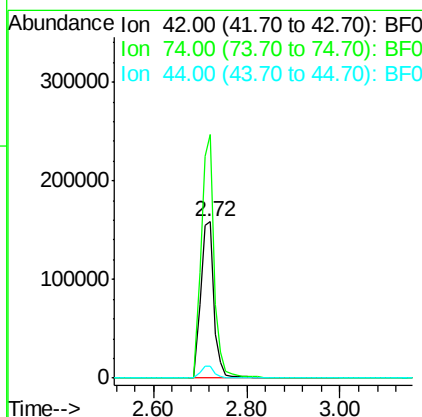
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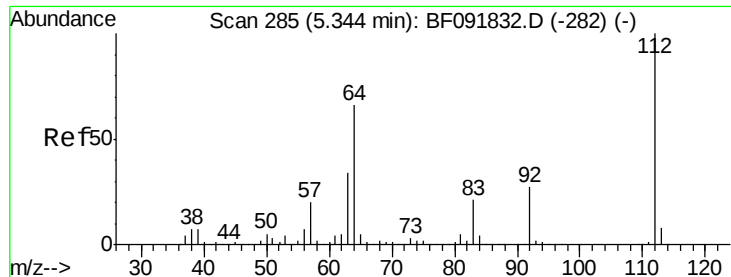
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#4
n-Nitrosodimethylamine
Concen: 34.66 ng
RT: 2.72 min Scan# 73
Delta R.T. -0.11 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.1	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 83.63 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

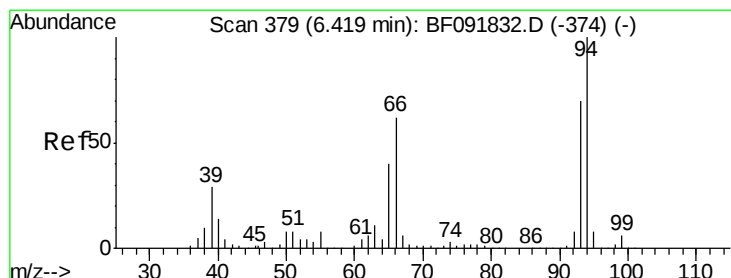
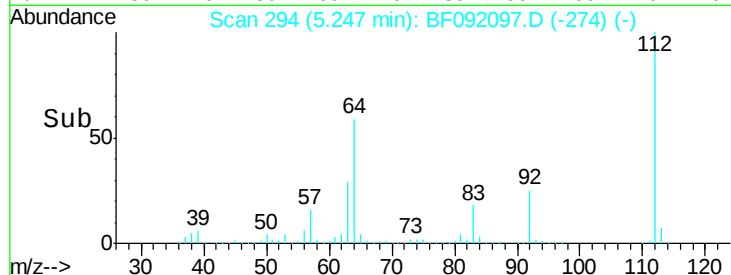
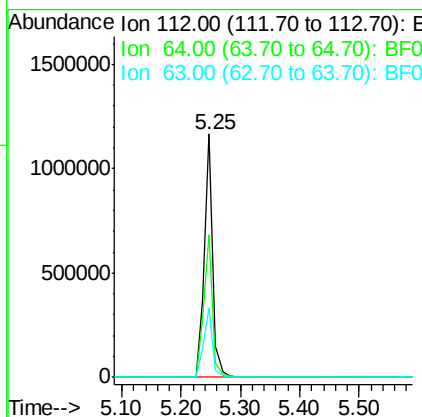
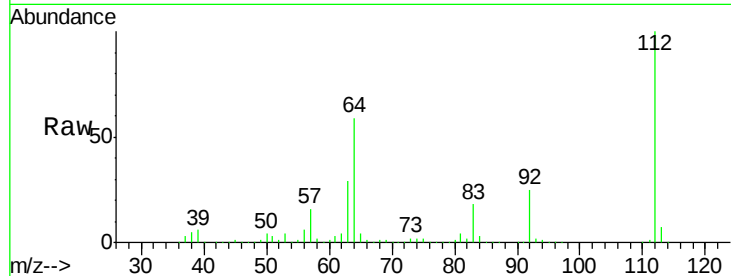
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1192993
Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.1	69.1
63	28.7	23.8	35.6

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#6

Aniline

Concen: 39.47 ng

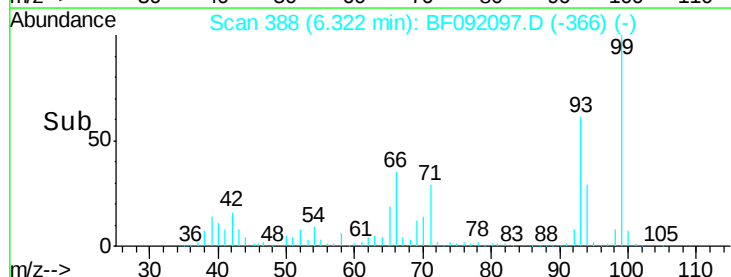
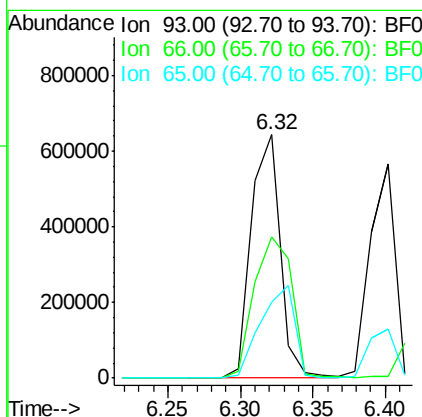
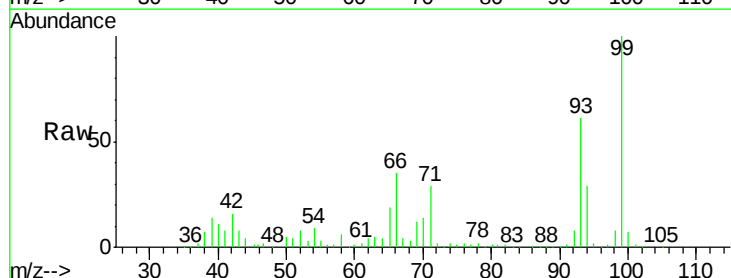
RT: 6.32 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion:	93	Resp:	892895
Ion	Ratio	Lower	Upper
93	100		
66	58.1	76.2	114.2#
65	31.3	49.3	73.9#





#7

Phenol-d6

Concen: 83.22 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1449329

Ion Ratio Lower Upper

99 100

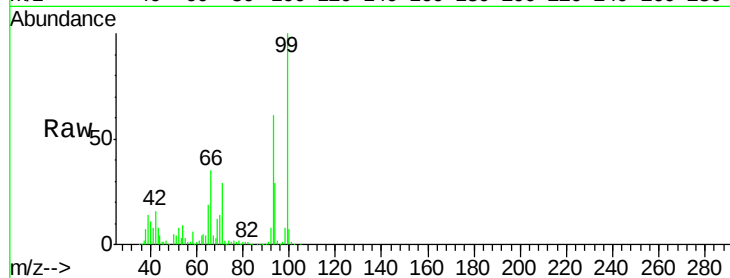
42 16.0 15.6 23.4

71 29.3 27.5 41.3

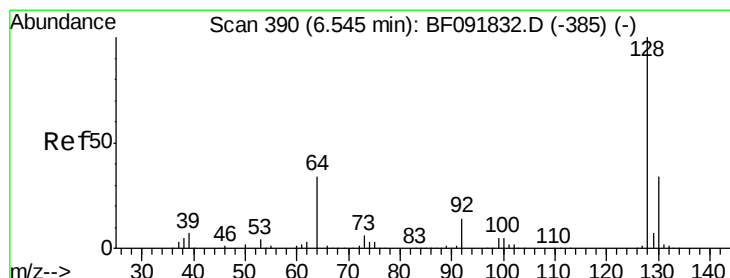
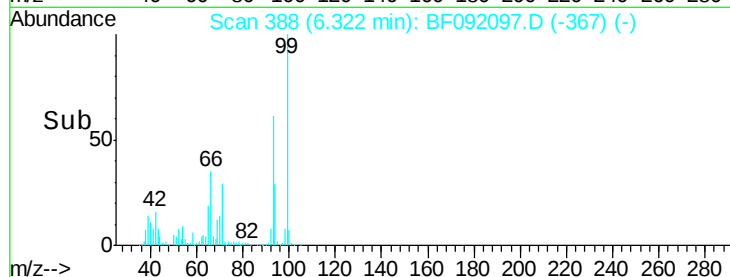
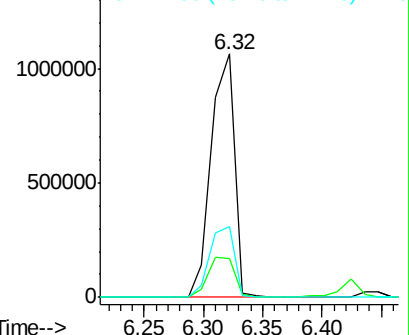
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.01 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

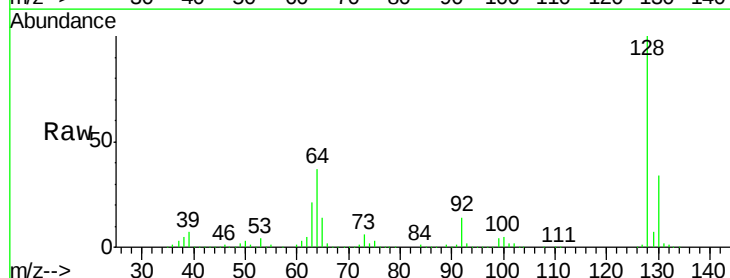
Tgt Ion: 128 Resp: 649222

Ion Ratio Lower Upper

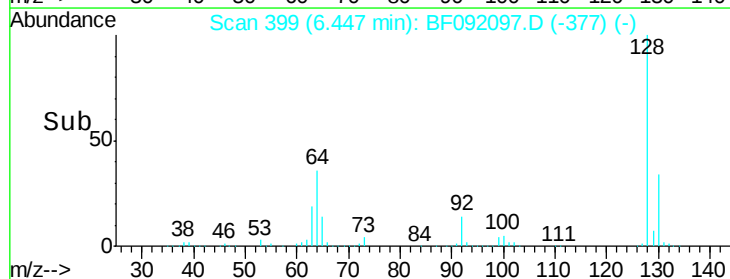
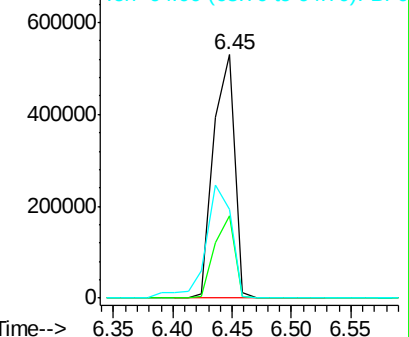
128 100

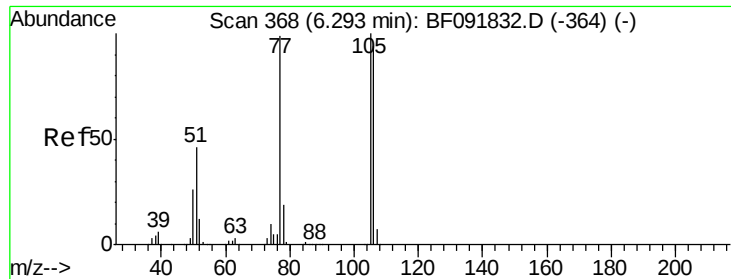
130 33.7 12.3 52.3

64 36.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.46 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

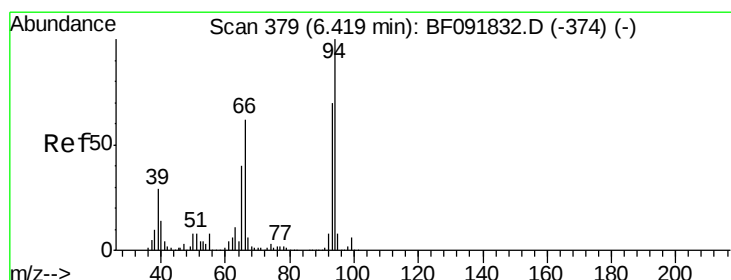
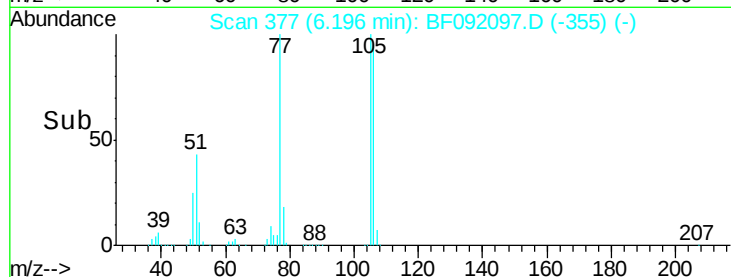
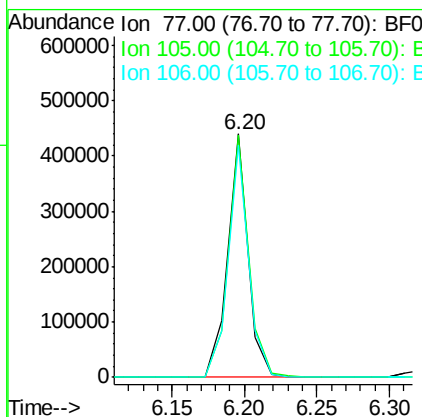
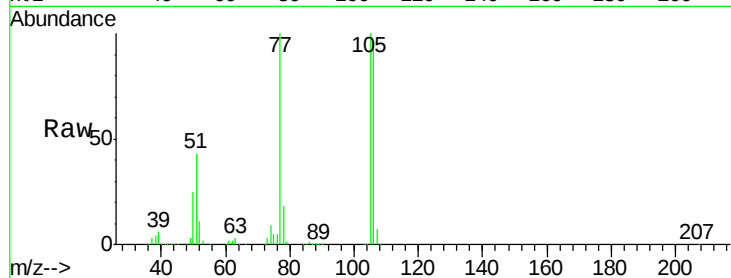
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	429441
Ion	Ratio	Lower	Upper
77	100		
105	99.6	83.9	123.9
106	95.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 47.11 ng

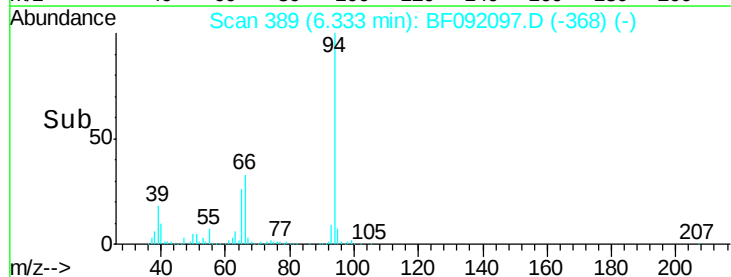
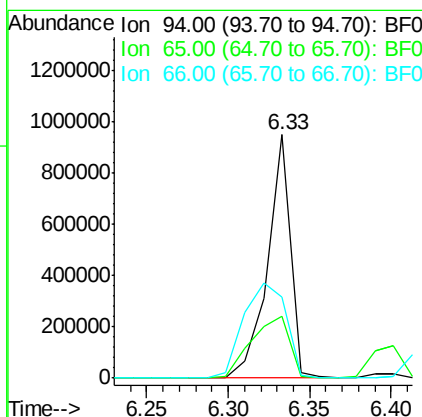
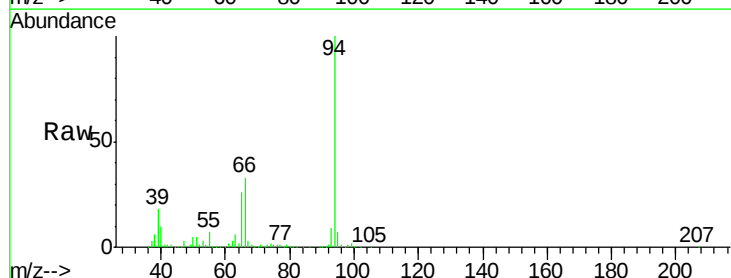
RT: 6.33 min Scan# 389

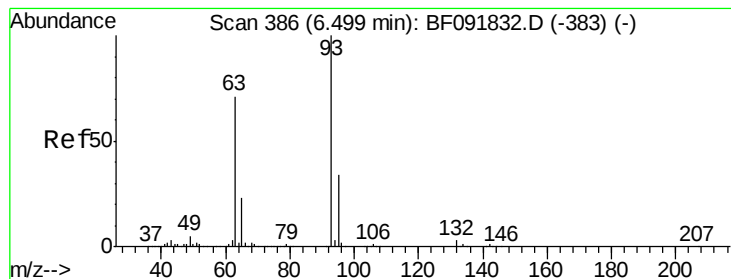
Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion:	94	Resp:	935053
Ion	Ratio	Lower	Upper
94	100		
65	25.6	21.4	61.4
66	33.1	44.0	84.0#





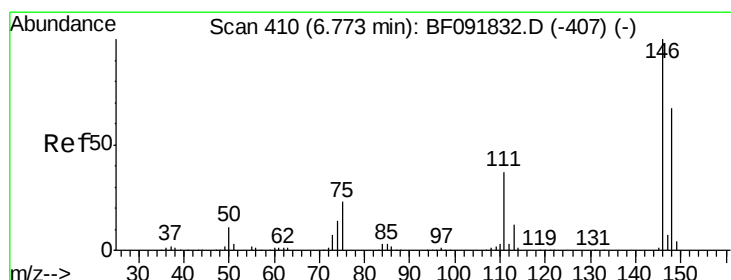
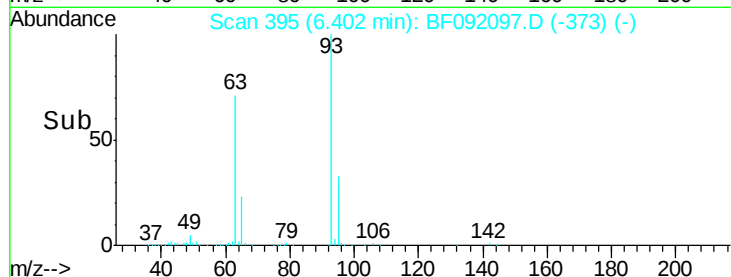
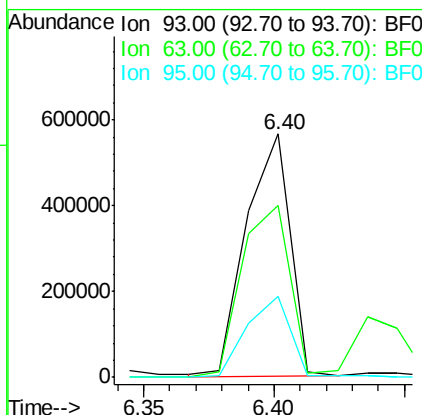
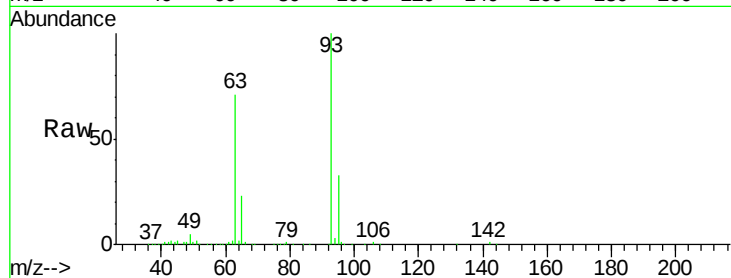
#11
bis(2-Chloroethyl)ether
Concen: 42.23 ng
RT: 6.40 min Scan# 395
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	60.4	100.4
95	33.3	12.8	52.8

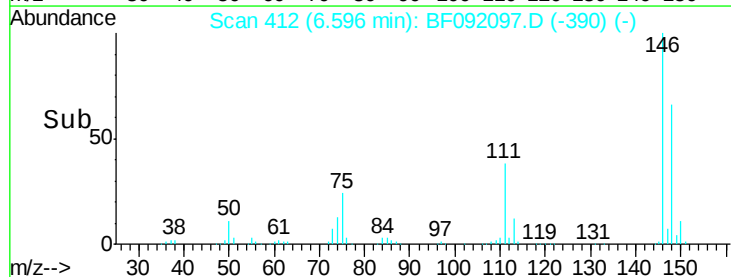
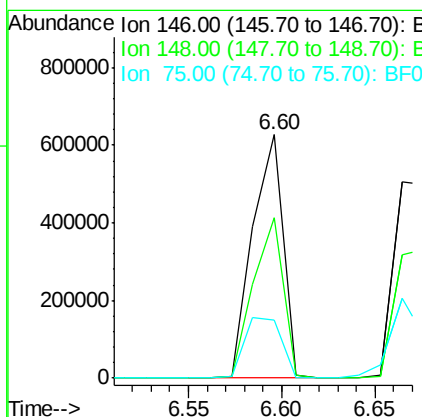
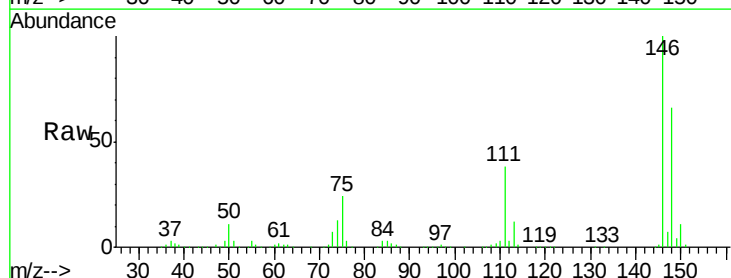
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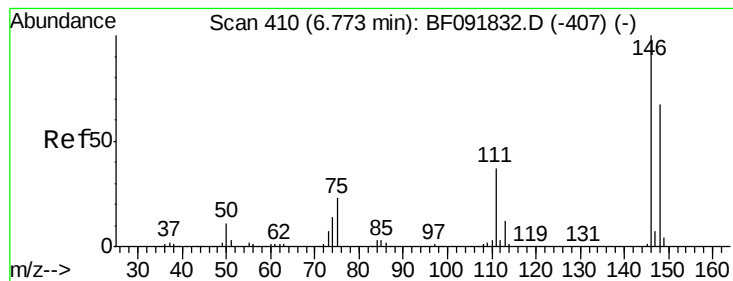
Sohil
1/6/2017 10:10:04 AM



#12
1,3-Dichlorobenzene
Concen: 40.95 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.4	80.0
75	23.9	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.83 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

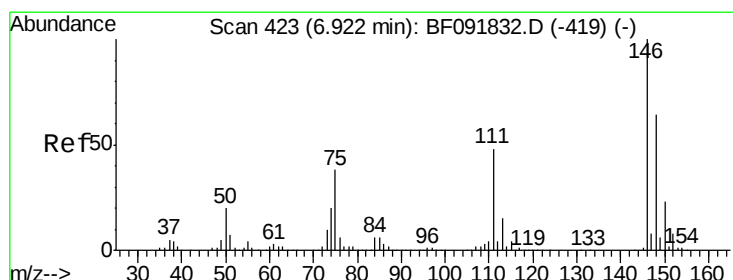
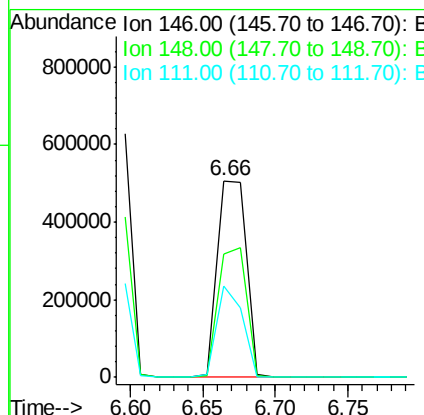
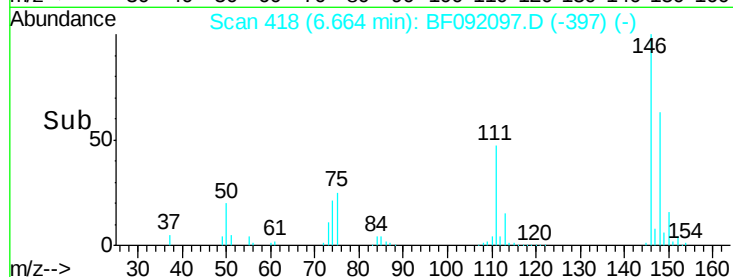
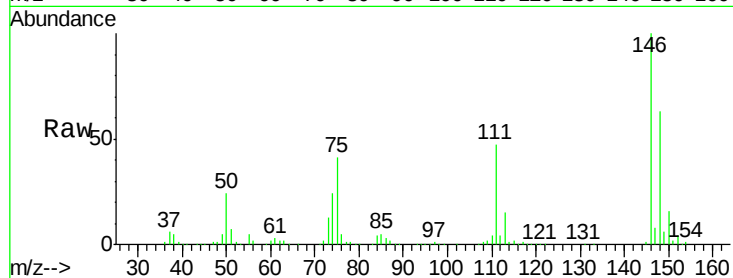
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	46.7	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 43.03 ng

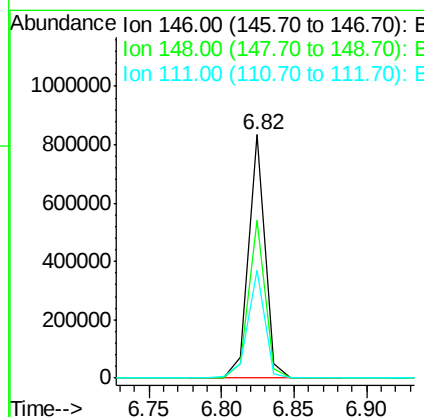
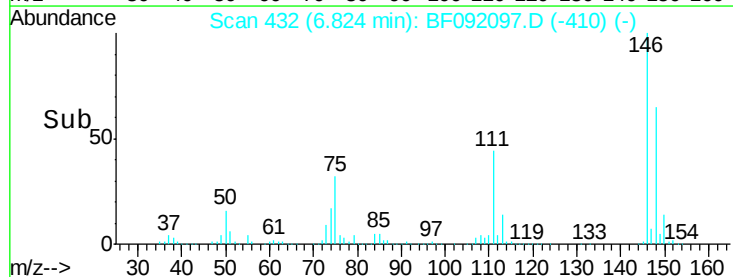
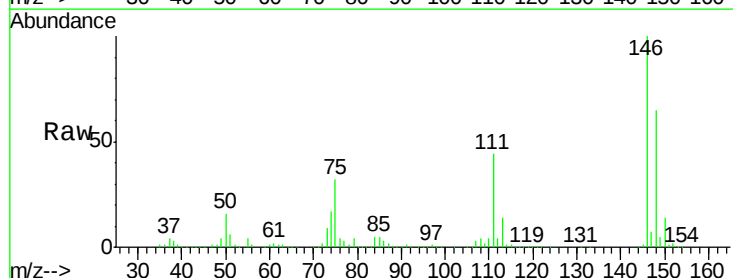
RT: 6.82 min Scan# 432

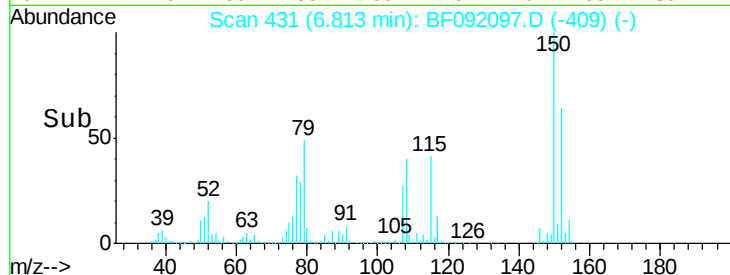
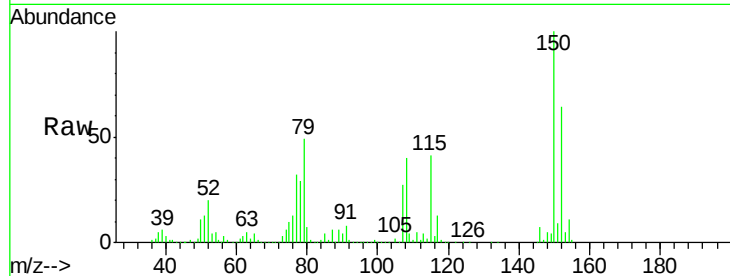
Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	44.2	36.2	54.2





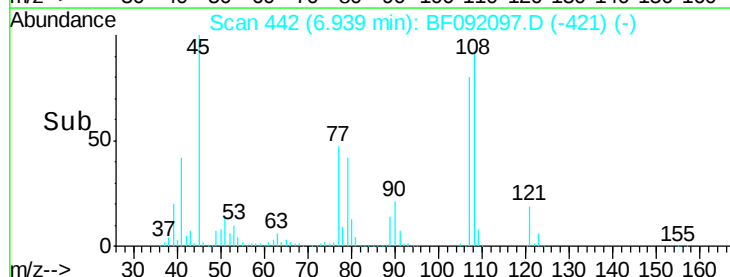
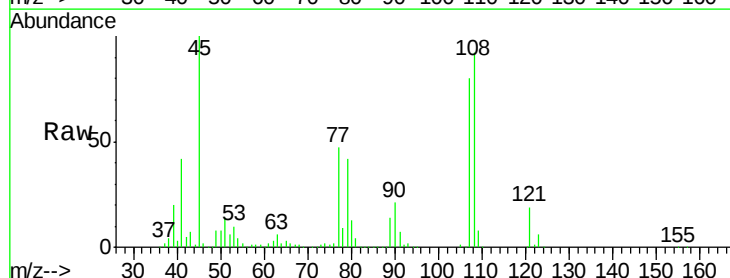
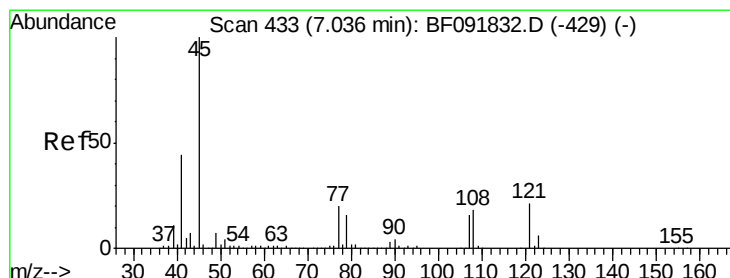
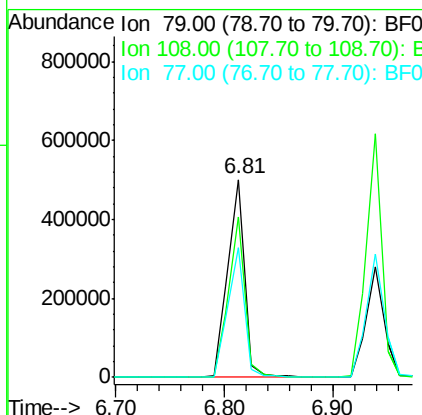
#15
Benzyl Alcohol
Concen: 39.90 ng
RT: 6.81 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	61.4	92.0
77	65.2	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

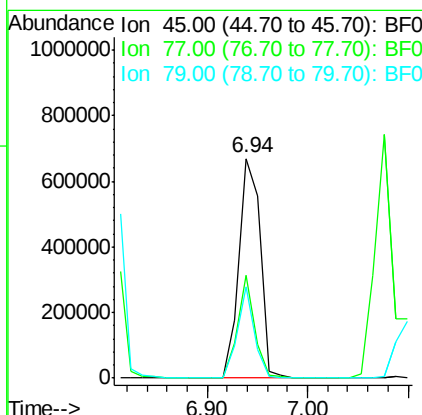
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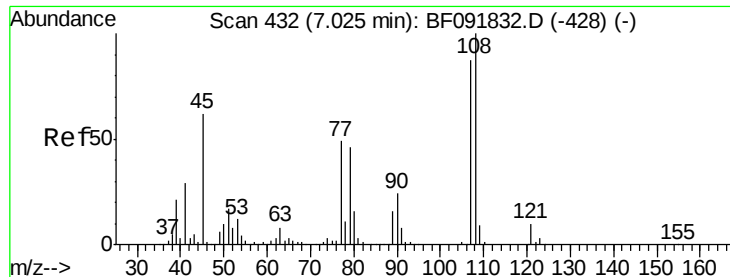
Sohil
1/6/2017 10:10:04 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.99 ng
RT: 6.94 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.6	0.0	34.6#
79	41.7	0.0	31.2#





#17

2-Methylphenol

Concen: 41.43 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

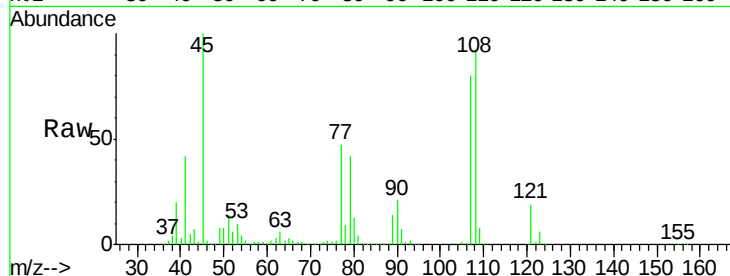
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	540654
Ion Ratio	Lower	Upper	
107	100		
108	115.2	93.0	139.6
77	58.3	39.8	59.8
79	52.2	38.0	57.0

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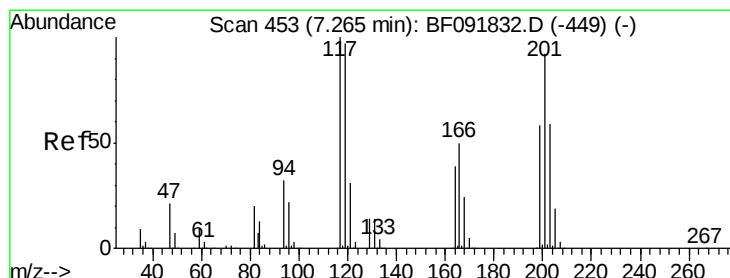
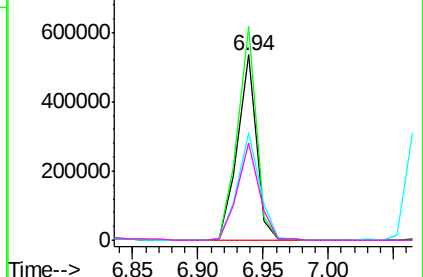
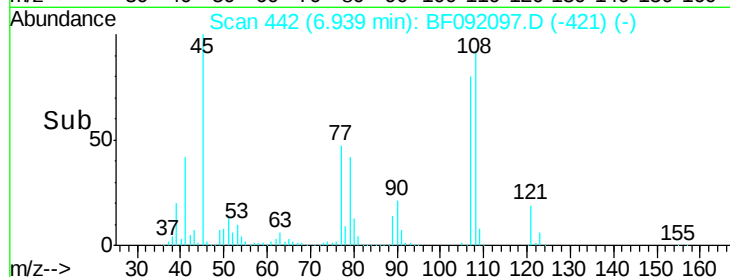


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.50 ng

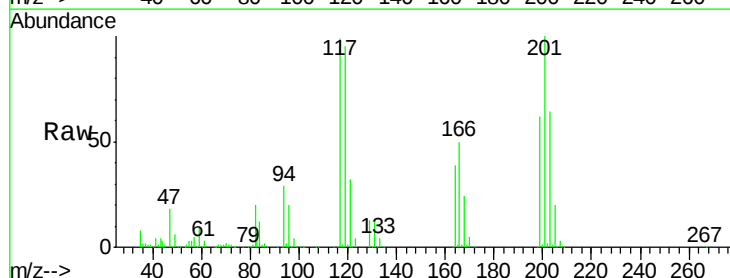
RT: 7.17 min Scan# 462

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

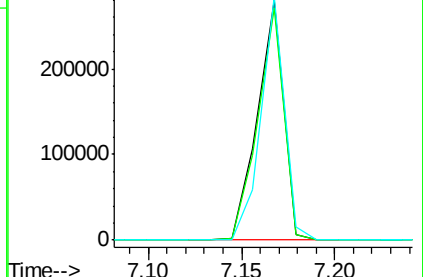
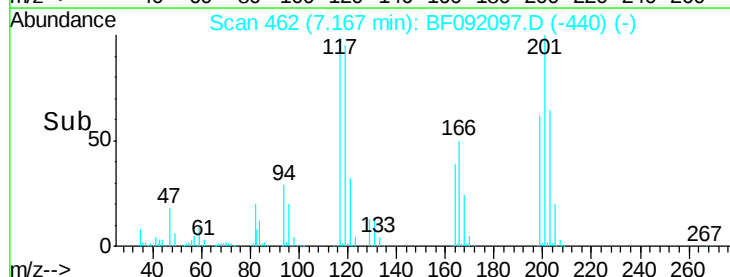
Tgt Ion:	117	Resp:	271278
Ion Ratio	Lower	Upper	
117	100		
119	96.6	78.1	117.1
201	101.3	78.6	117.8

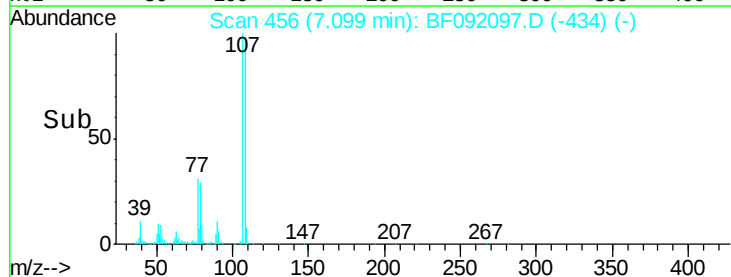
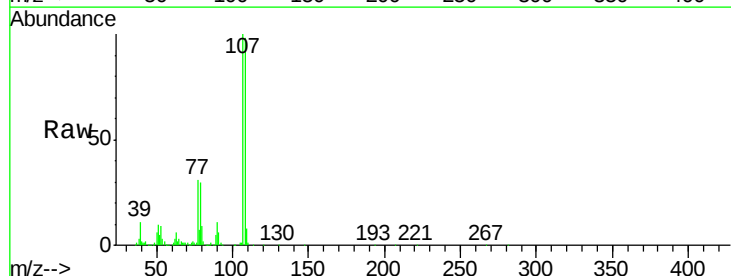
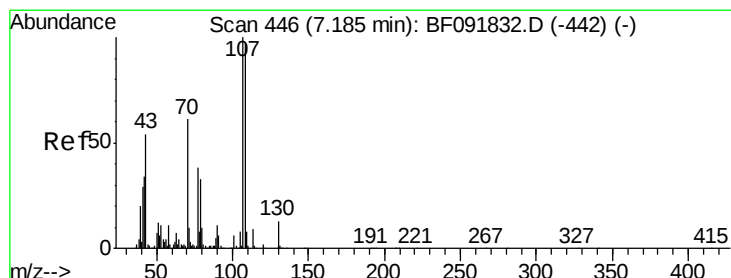
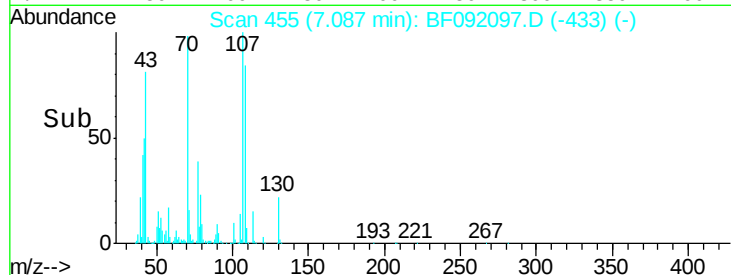
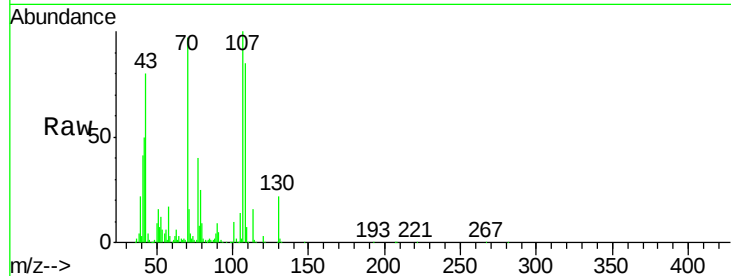


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





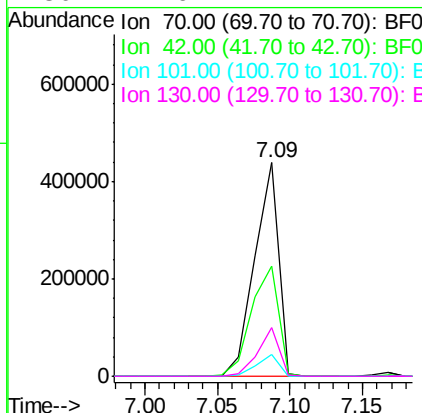
#19
n-Nitroso-di-n-propylamine
Concen: 43.37 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	49.4	74.0	
101	10.3	7.4	11.2	
130	22.6	14.2	21.4	

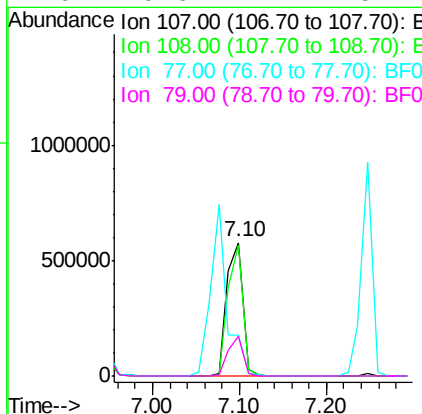
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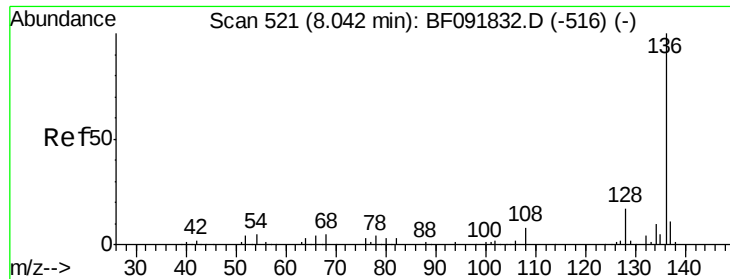
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1/6/2017 10:10:04 AM



#20
3+4-Methylphenols
Concen: 47.64 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	97.9	73.0	113.0	
77	31.1	71.3	111.3	
79	29.6	11.1	51.1	





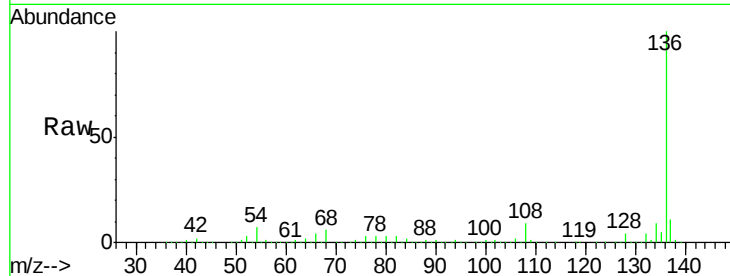
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

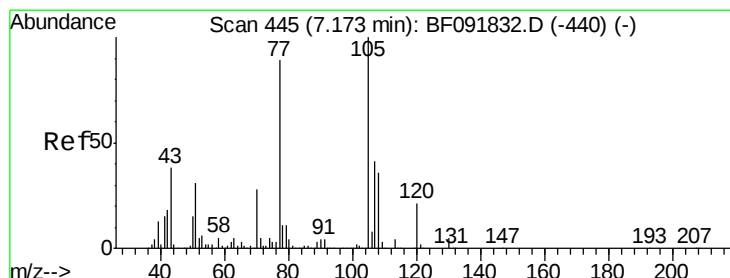
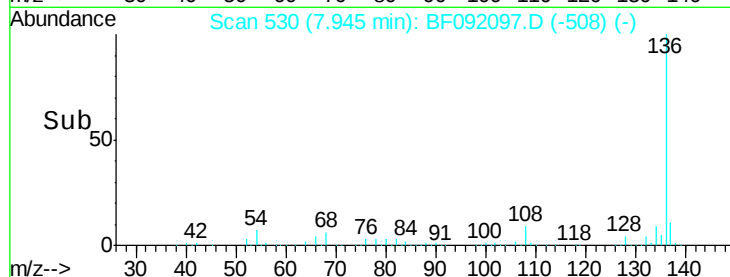
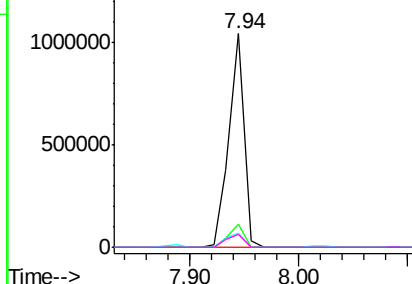
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1002965		
137	11.1	8.4	12.6		
54	6.7	4.5	6.7		
68	5.9	3.6	5.4#		

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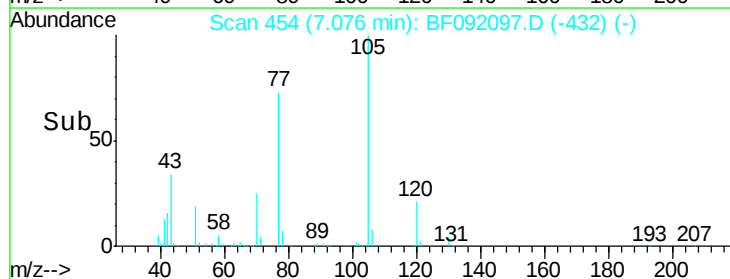
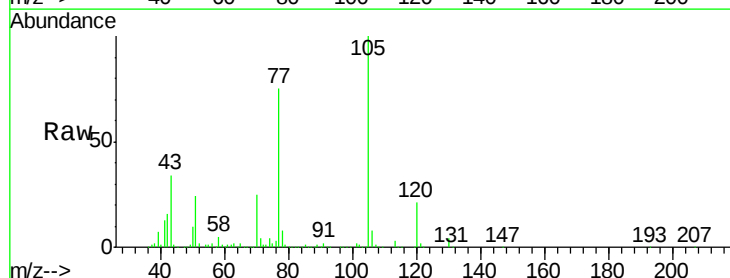
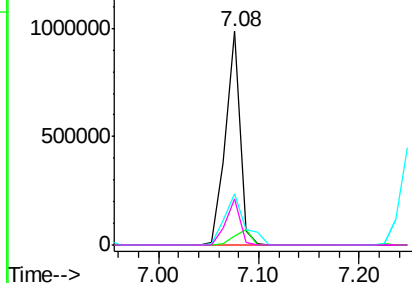
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

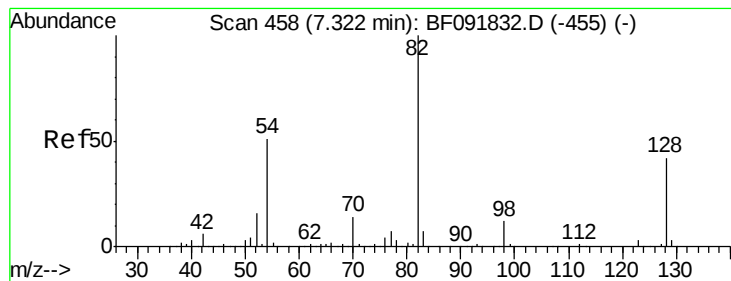


#22
Acetophenone
Concen: 40.16 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		993512		
71	4.3	3.2	4.8		
51	24.0	26.2	39.4#		
120	21.4	16.6	24.8		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.17 ng

RT: 7.22 min Scan# 467

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1301780

Ion Ratio Lower Upper

82 100

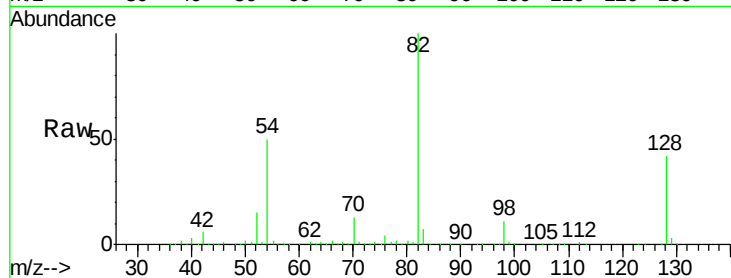
128 42.2 34.6 52.0

54 49.6 39.5 59.3

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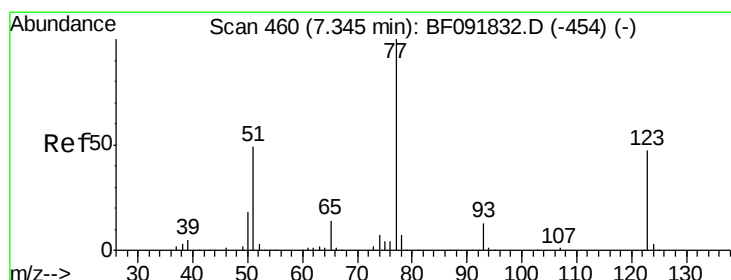
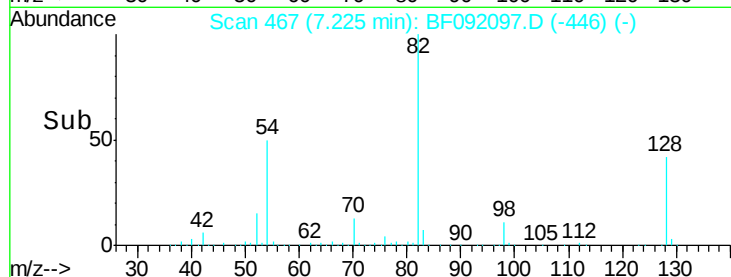
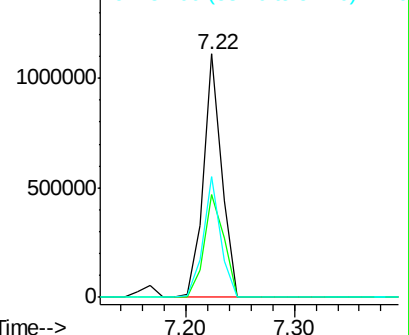
1/6/2017 10:10:04 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.84 ng

RT: 7.25 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

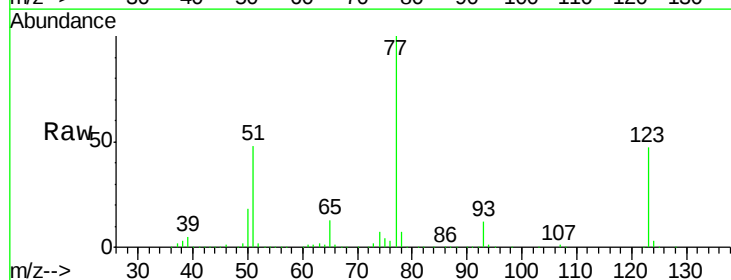
Tgt Ion: 77 Resp: 803812

Ion Ratio Lower Upper

77 100

123 47.4 33.0 49.4

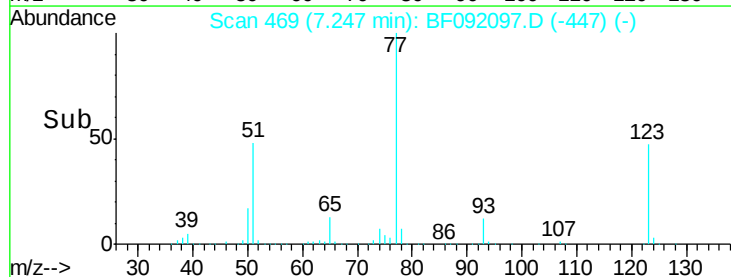
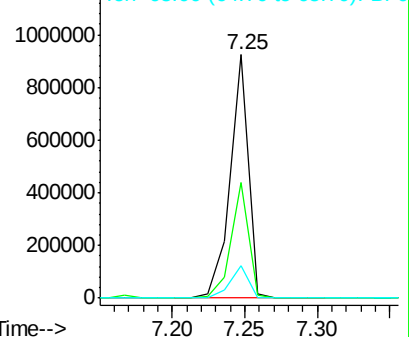
65 13.1 11.2 16.8

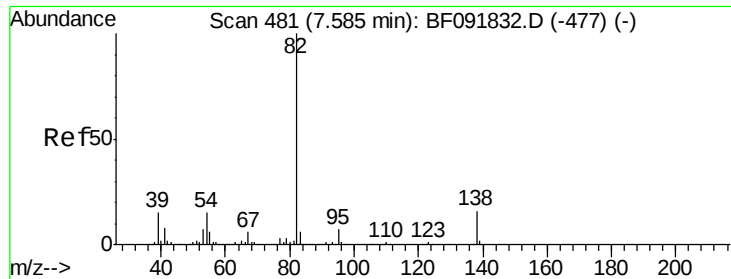


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.78 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1323749

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

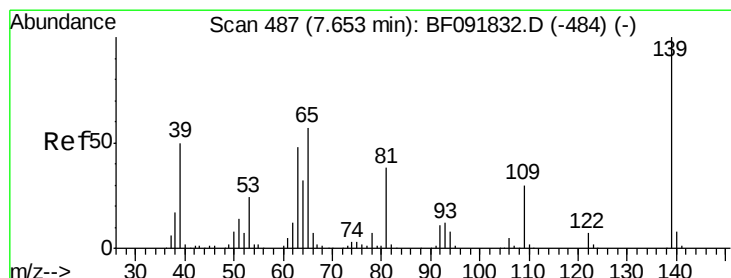
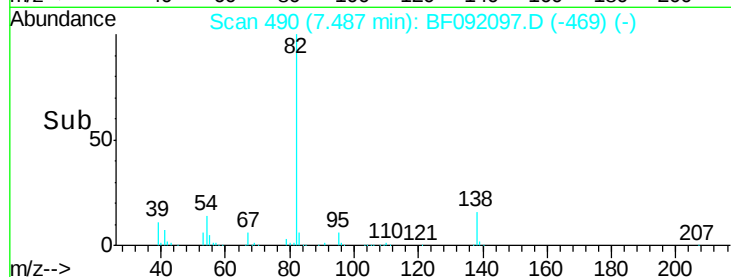
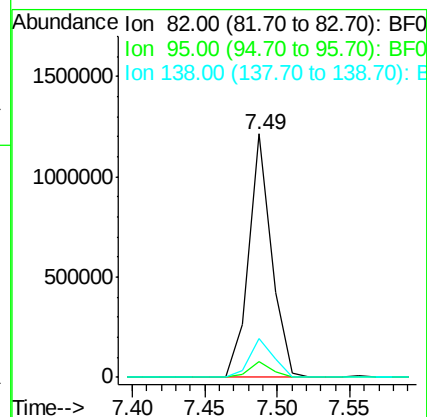
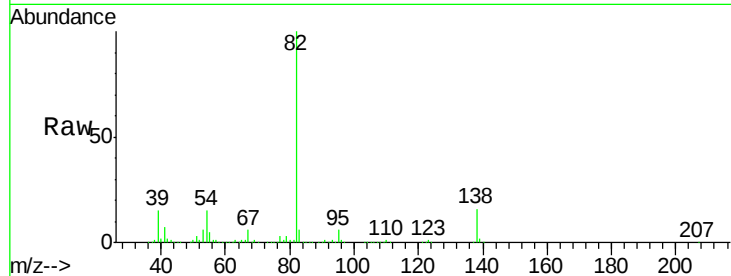
138 16.0 14.6 22.0

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#26

2-Nitrophenol

Concen: 40.75 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

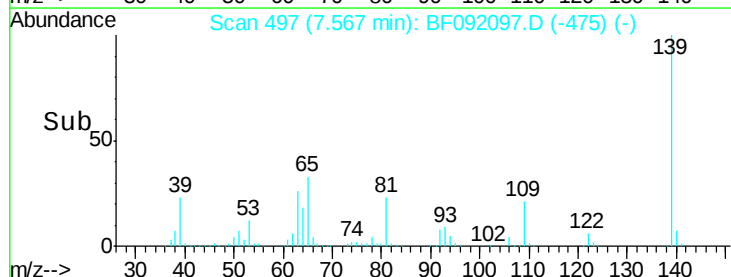
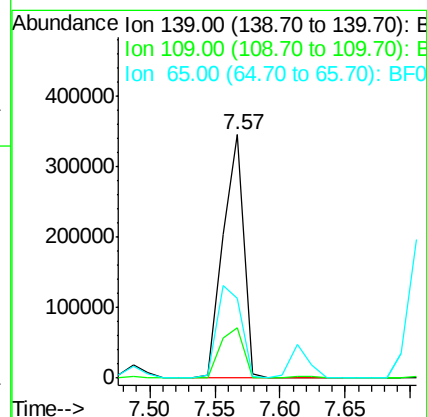
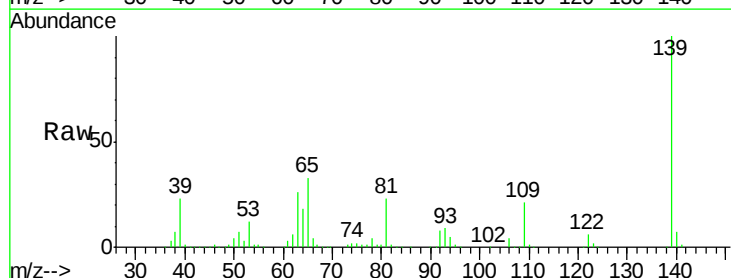
Tgt Ion: 139 Resp: 386017

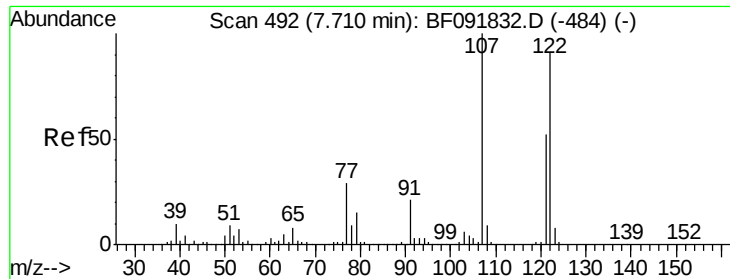
Ion Ratio Lower Upper

139 100

109 20.9 23.3 34.9#

65 33.0 42.7 64.1#





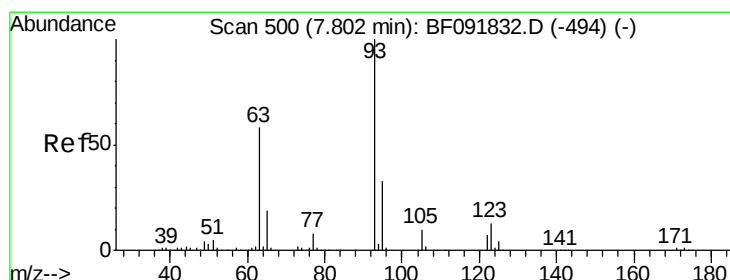
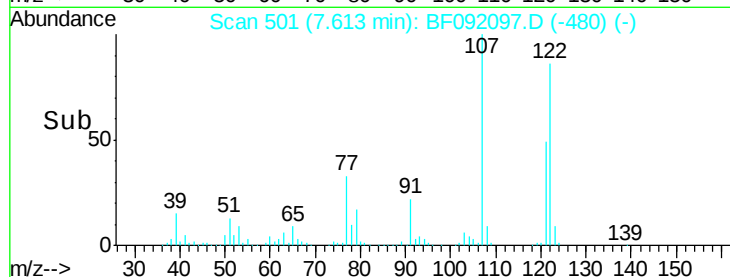
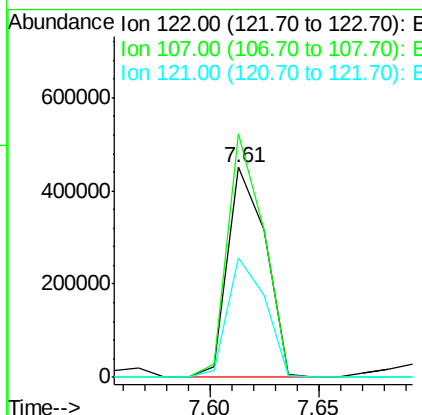
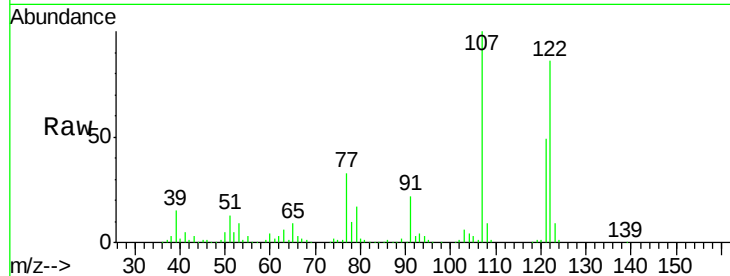
#27
2,4-Dimethylphenol
Concen: 34.90 ng
RT: 7.61 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	94.1	141.1
121	56.7	46.0	69.0

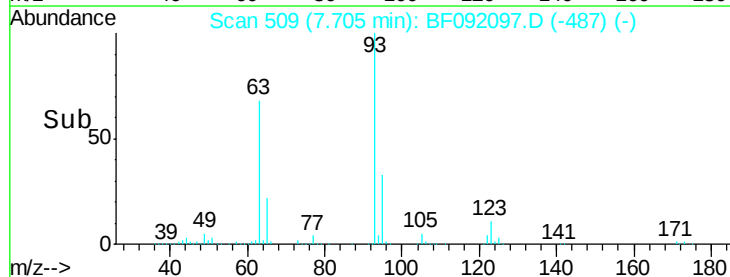
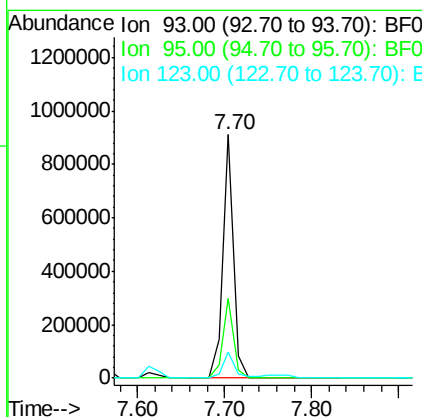
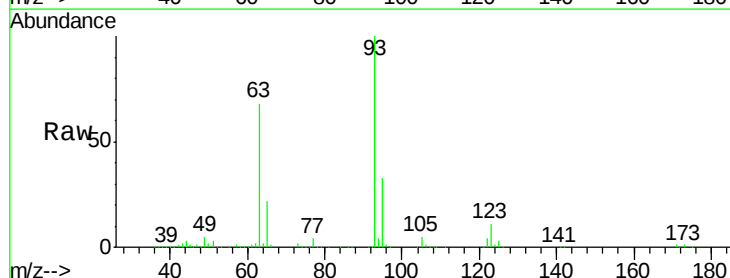
Manual Integrations
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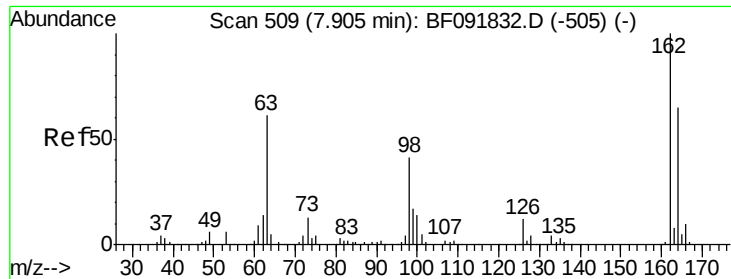
Sohil
1/6/2017 10:10:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.16 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.5	8.6	13.0





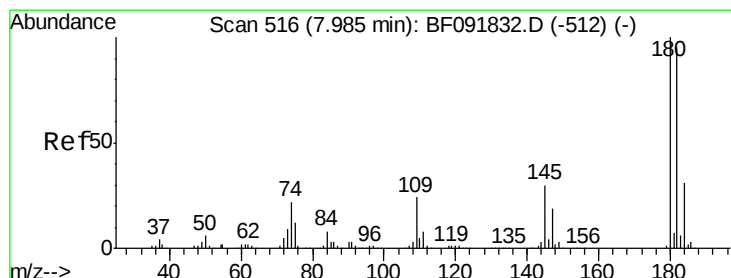
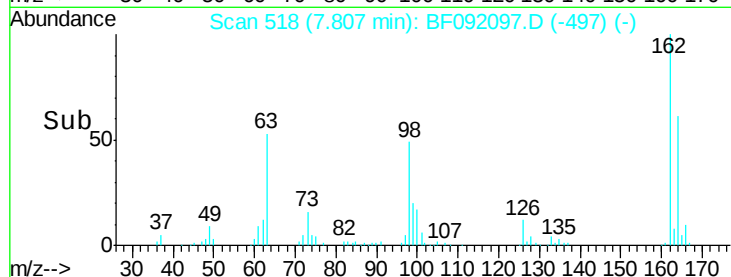
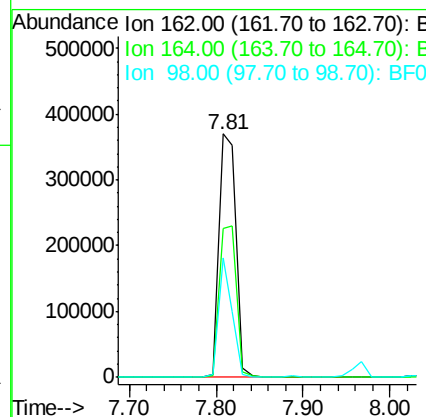
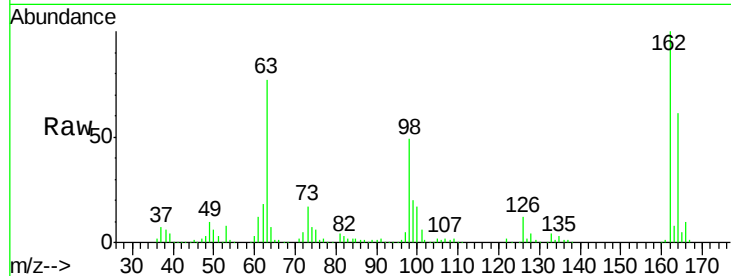
#29
2,4-Dichlorophenol
Concen: 38.53 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	512620		
164	61.4	46.8	86.8	
98	48.9	9.1	49.1	

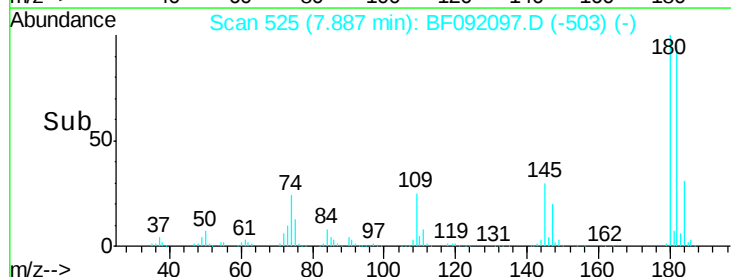
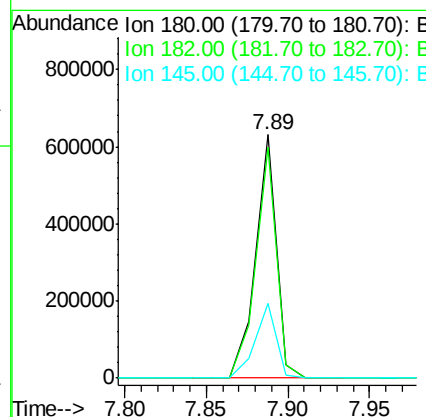
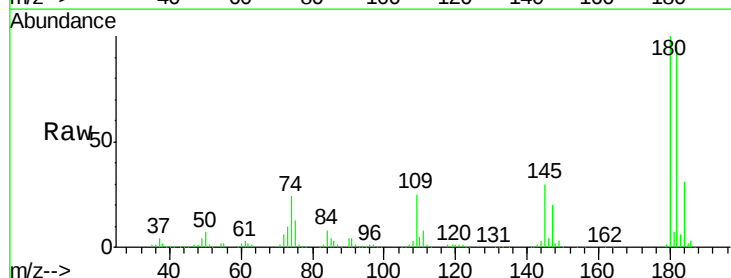
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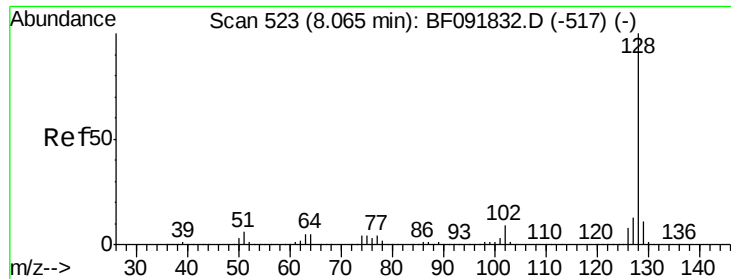
Sohil
1/6/2017 10:10:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.40 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	559905		
182	94.6	78.2	117.4	
145	30.5	21.6	32.4	





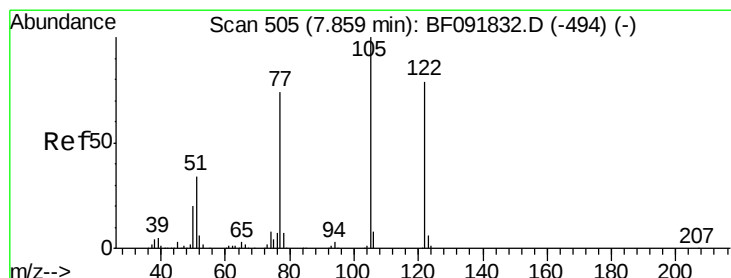
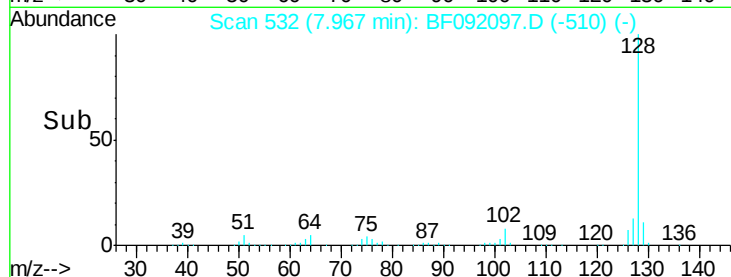
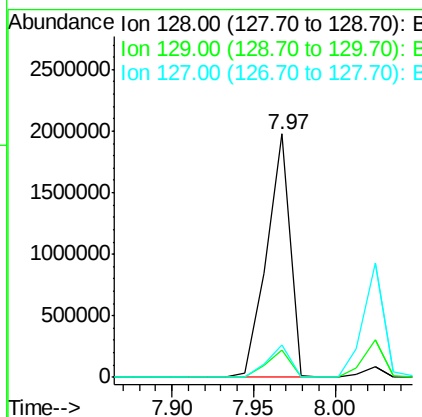
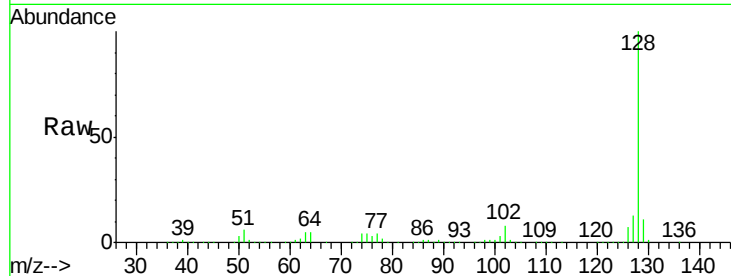
#31
Naphthalene
Concen: 43.03 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1975339
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 10.8 16.2

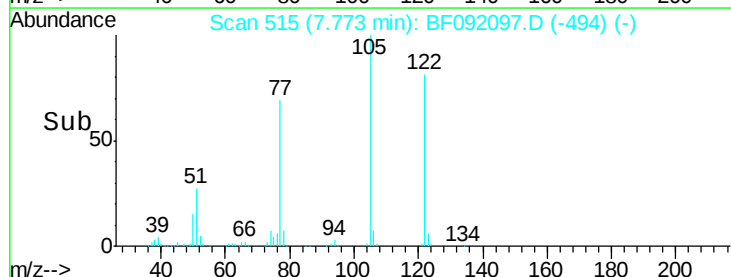
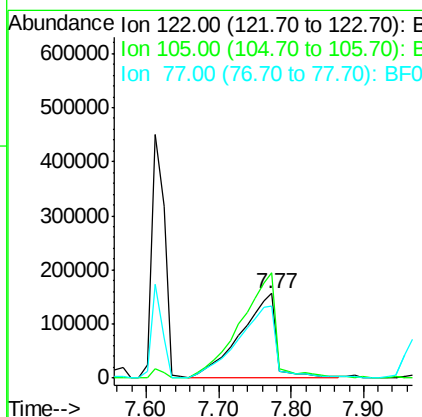
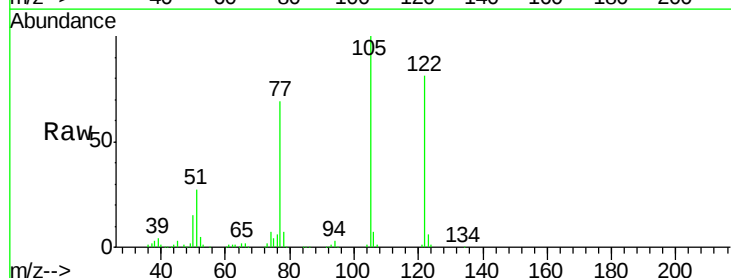
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#32
Benzoic acid
Concen: 45.76 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:122 Resp: 533347
Ion Ratio Lower Upper
122 100
105 123.7 107.2 147.2
77 85.8 74.5 114.5





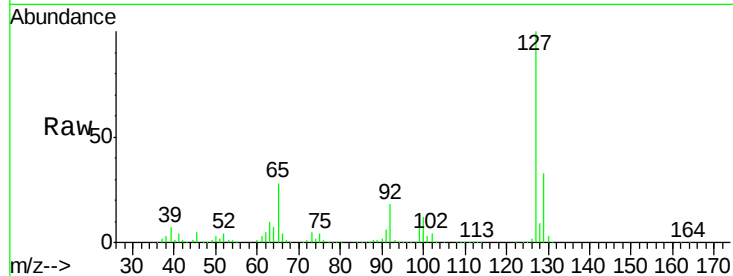
#33
4-Chloroaniline
Concen: 41.36 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

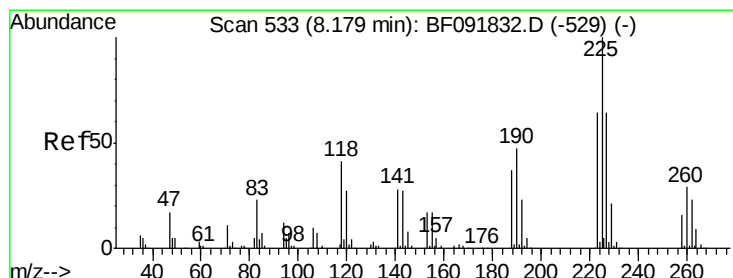
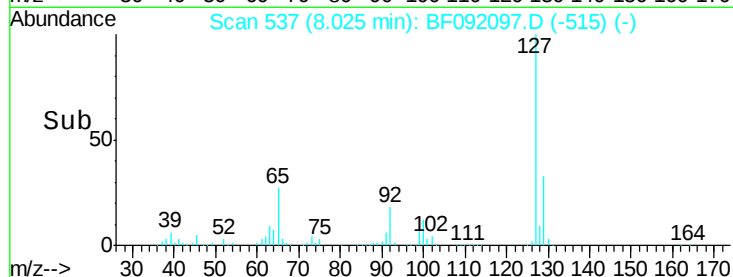
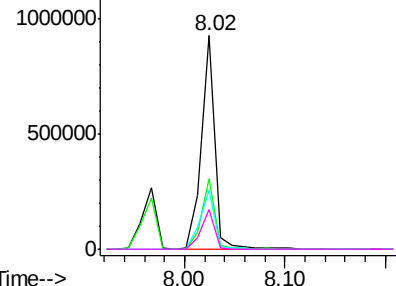
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	27.8	25.8	38.8
92	18.4	16.1	24.1

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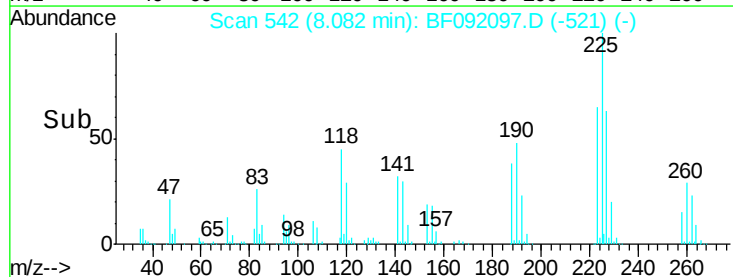
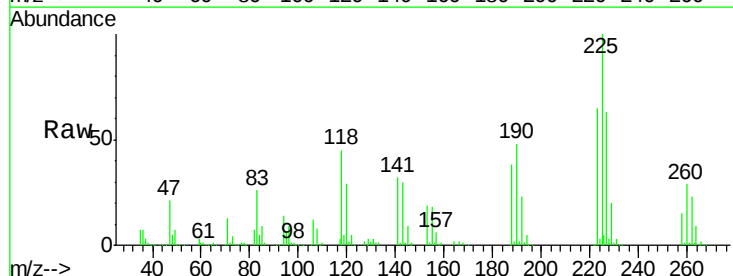
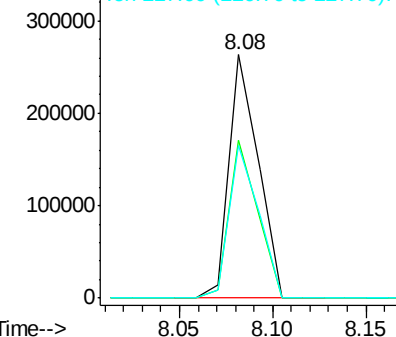
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

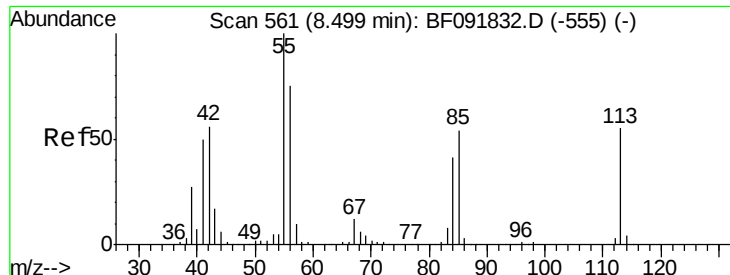


#34
Hexachlorobutadiene
Concen: 37.15 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	62.9	50.6	76.0

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





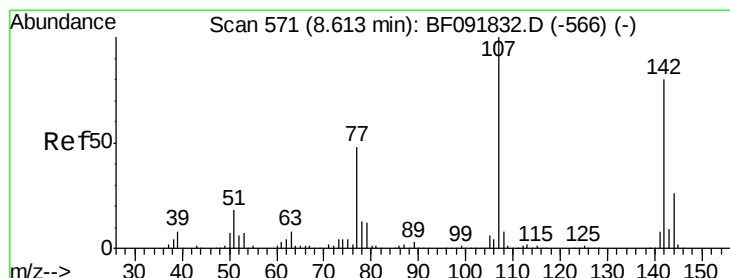
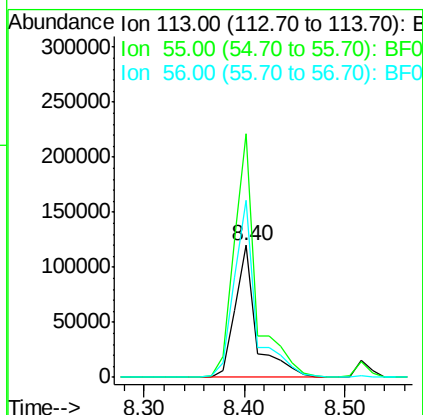
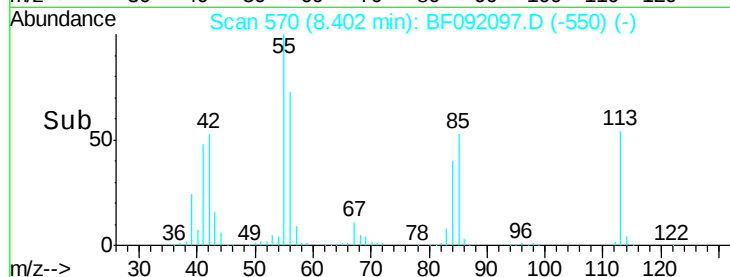
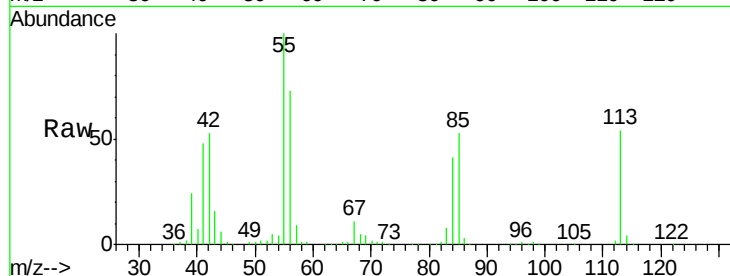
#35
Caprolactam
Concen: 40.33 ng
RT: 8.40 min Scan# 570
Delta R.T. -0.07 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 176353
Ion Ratio Lower Upper
113 100
55 184.4 119.2 159.2#
56 134.1 83.8 123.8#

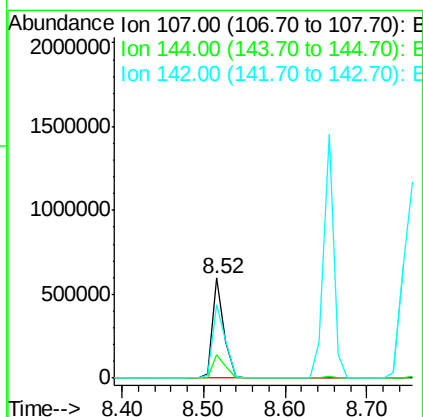
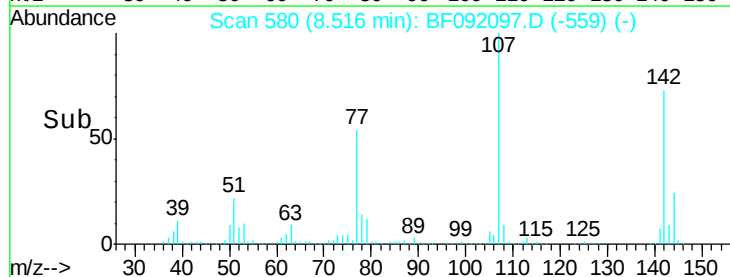
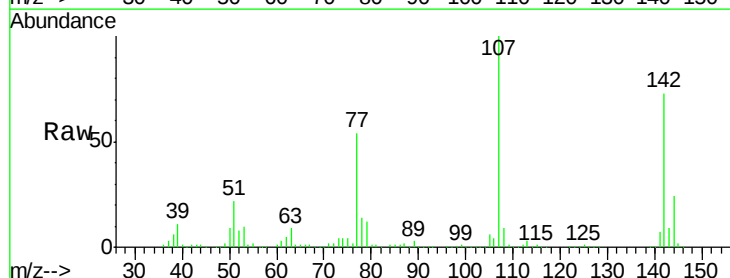
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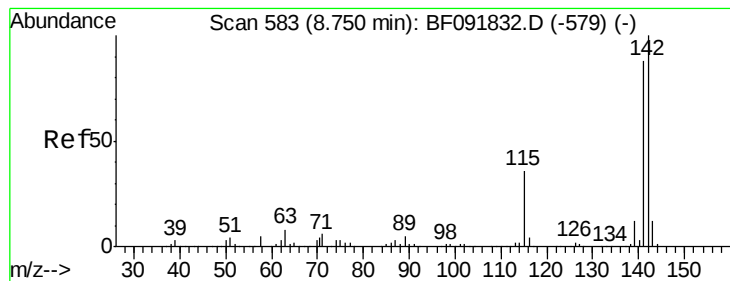
Sohil
1/6/2017 10:10:04 AM



#36
4-Chloro-3-methylphenol
Concen: 38.32 ng
RT: 8.52 min Scan# 580
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:107 Resp: 586704
Ion Ratio Lower Upper
107 100
144 23.8 19.3 28.9
142 73.4 59.0 88.6





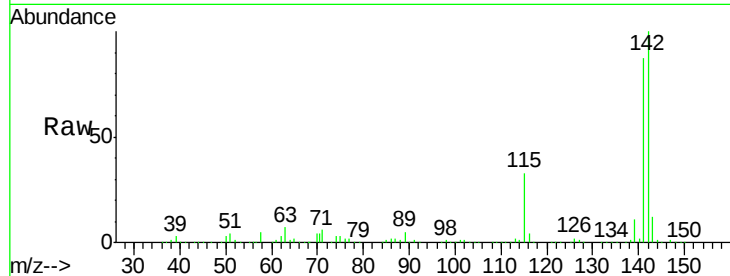
#37
2-Methylnaphthalene
Concen: 44.71 ng
RT: 8.65 min Scan# 592
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	33.4	28.3	42.5

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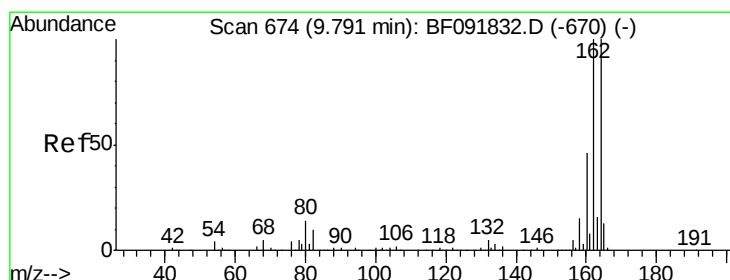
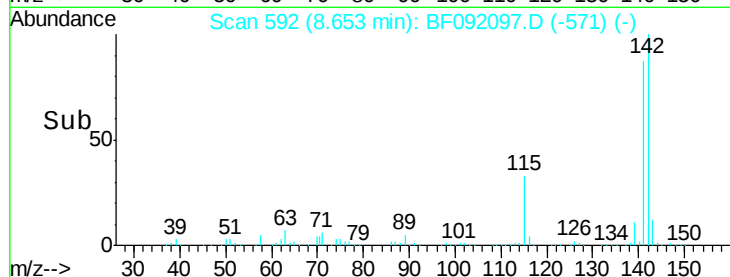
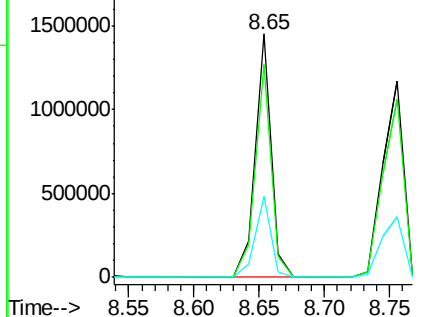


Abundance

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: 9.69 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

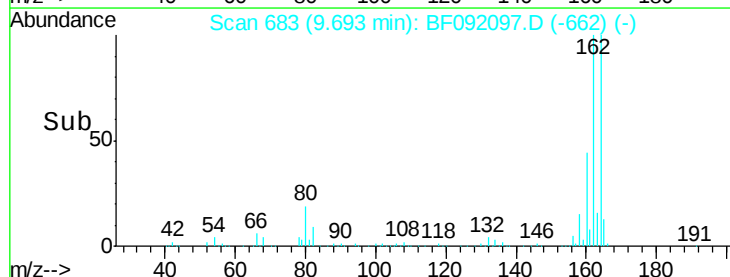
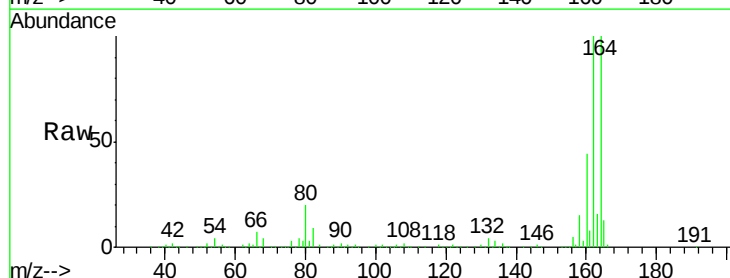
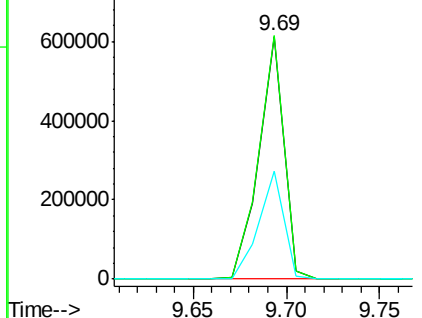
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	44.4	36.9	55.3

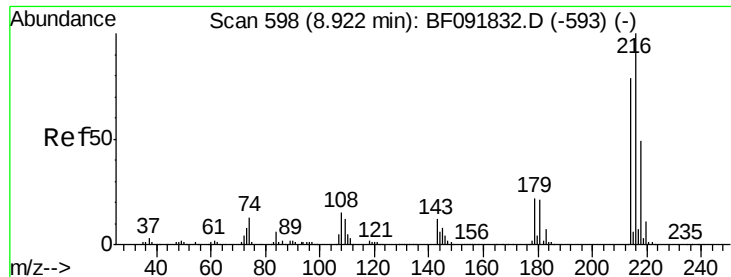
Abundance

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





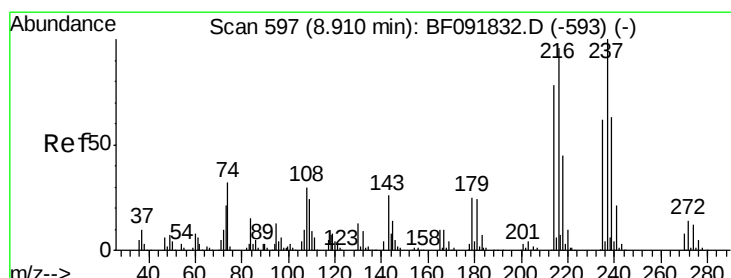
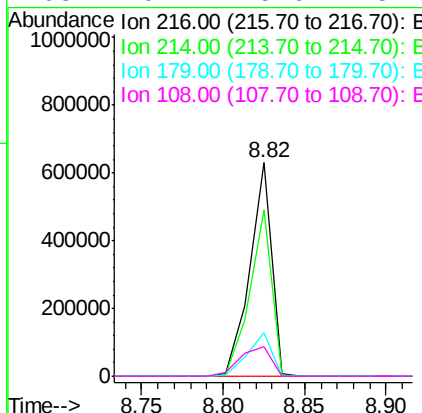
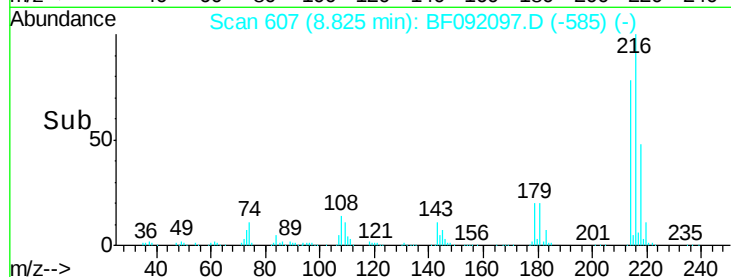
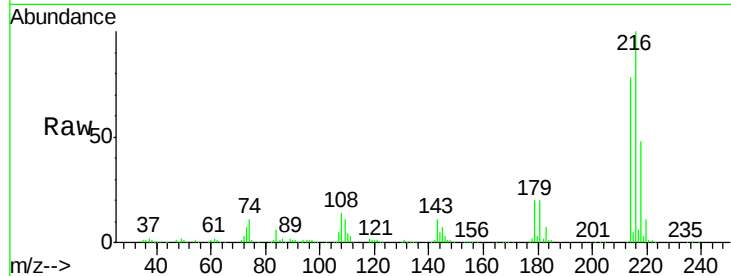
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.66 ng
 RT: 8.82 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	584574
Ion Ratio		Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.7	17.4	26.2
108	19.4	15.6	23.4

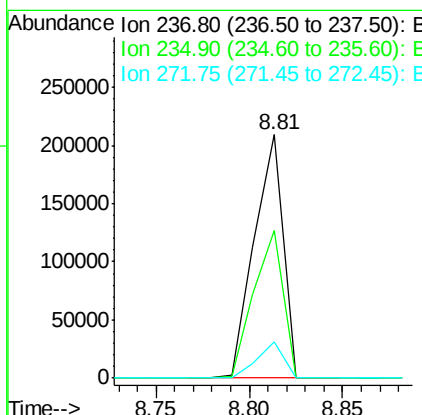
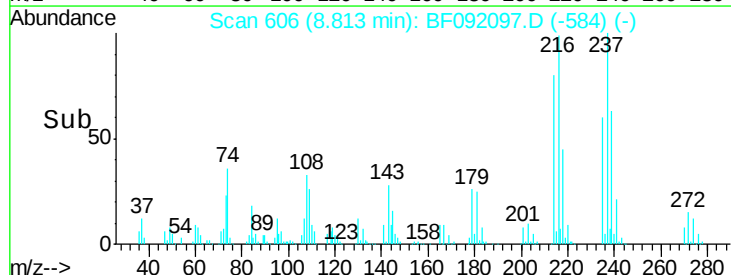
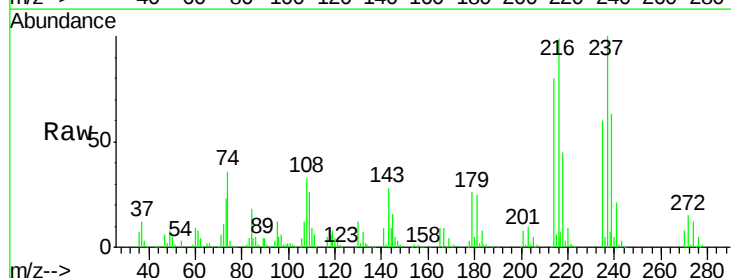
Manual Integrations
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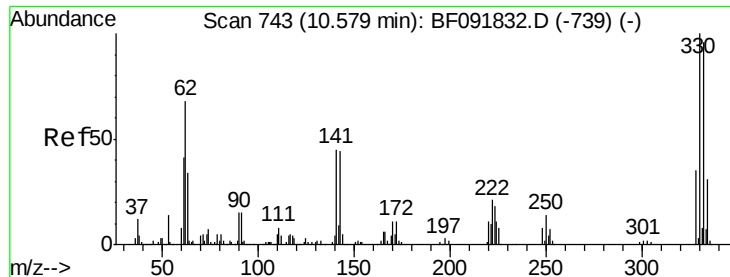
Sohil
 1/6/2017 10:10:04 AM



#40
 Hexachlorocyclopentadiene
 Concen: 37.13 ng
 RT: 8.81 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:	237	Resp:	223358
Ion Ratio		Lower	Upper
237	100		
235	60.5	41.2	81.2
272	14.8	0.0	35.4





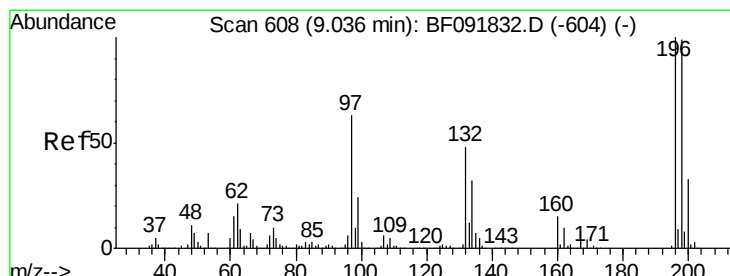
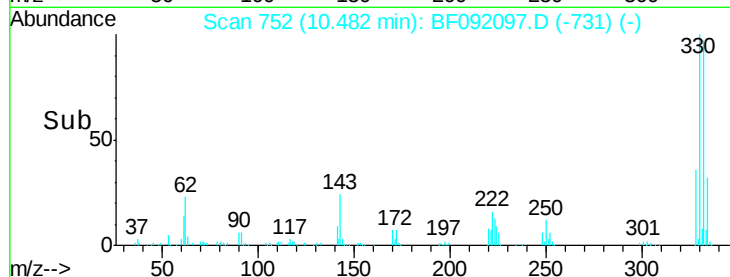
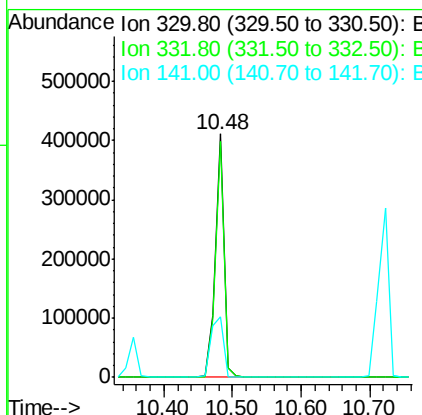
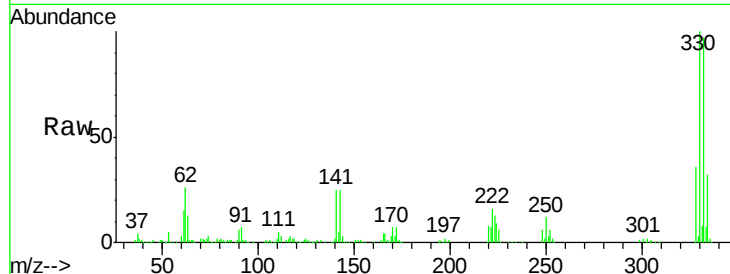
#41
 2,4,6-Tribromophenol
 Concen: 78.96 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	35.8	34.1	51.1

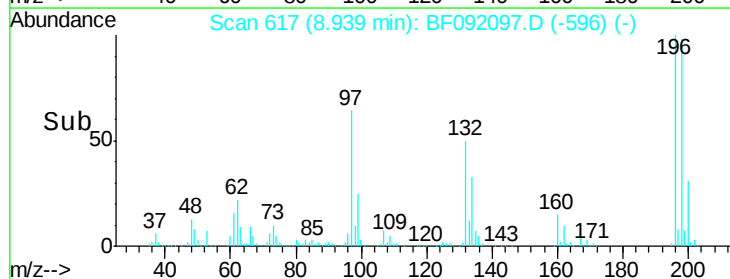
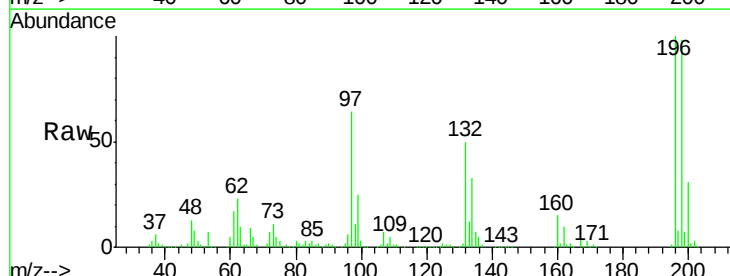
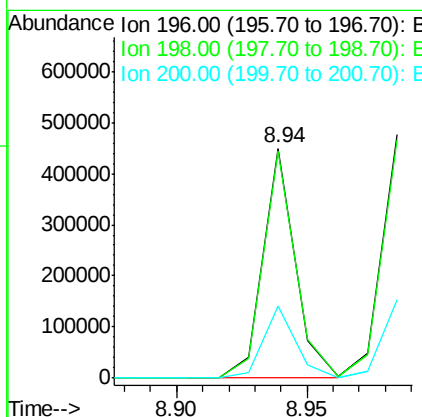
Manual Integrations
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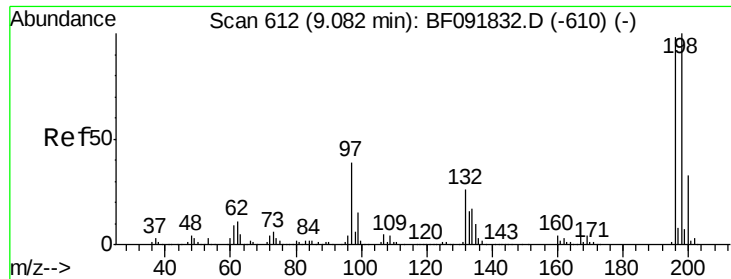
Sohil
 1/6/2017 10:10:04 AM



#42
 2,4,6-Trichlorophenol
 Concen: 38.61 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	82.1	123.1
200	31.3	27.0	40.4





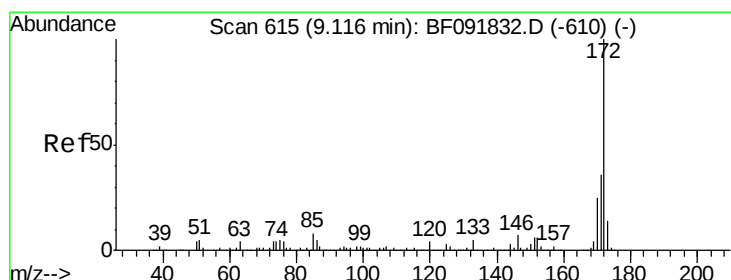
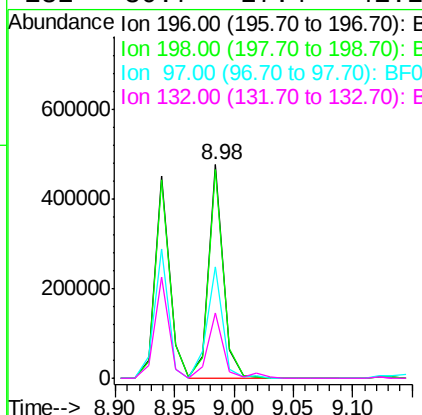
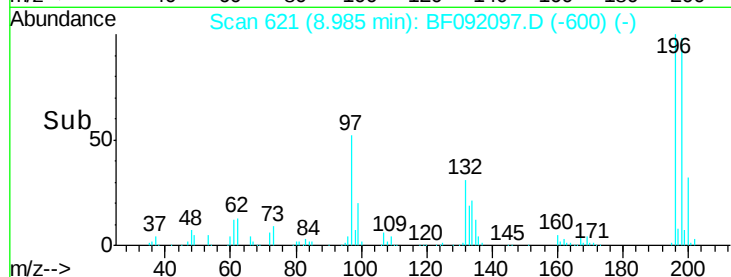
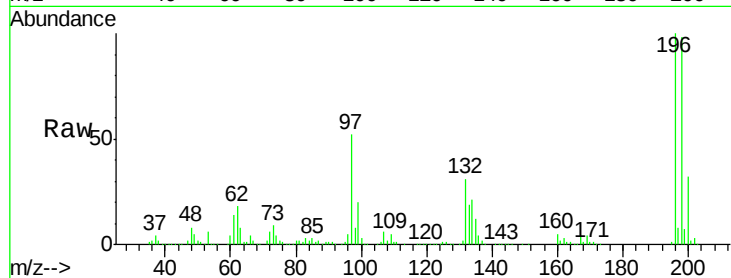
#43
 2,4,5-Trichlorophenol
 Concen: 39.57 ng
 RT: 8.98 min Scan# 621
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	409464		
198	97.9	79.4	119.2	
97	52.0	51.5	77.3	
132	30.7	27.4	41.2	

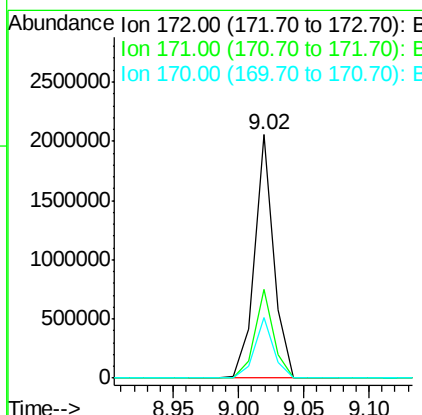
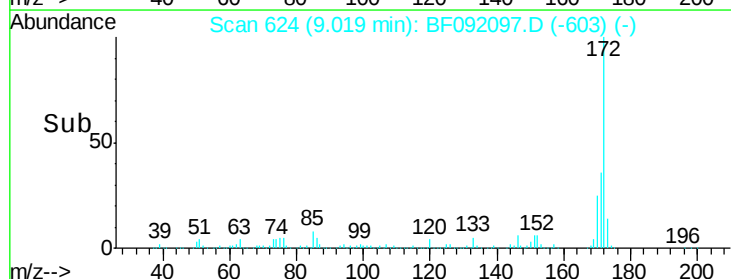
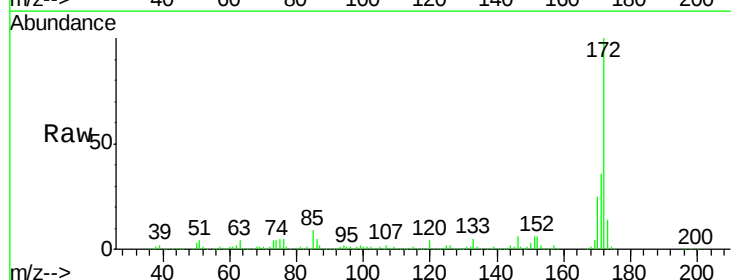
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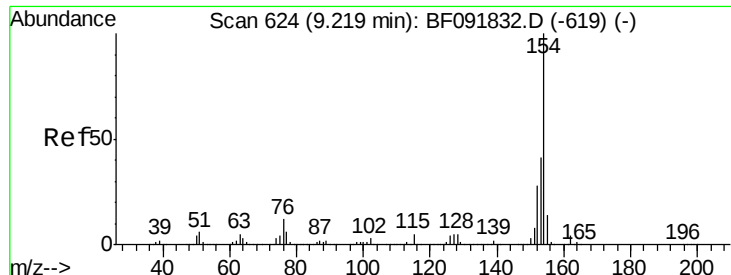
Sohil
 1/6/2017 10:10:04 AM



#44
 2-Fluorobiphenyl
 Concen: 73.79 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2096780		
171	36.3	29.4	44.0	
170	25.0	20.2	30.4	





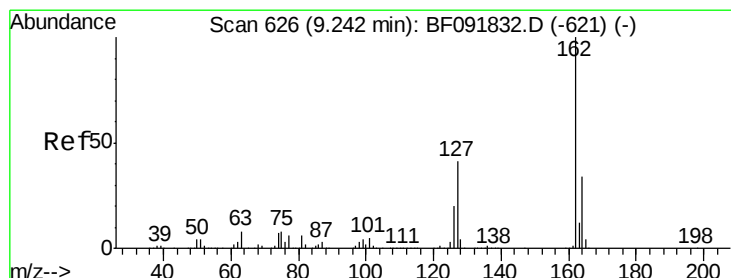
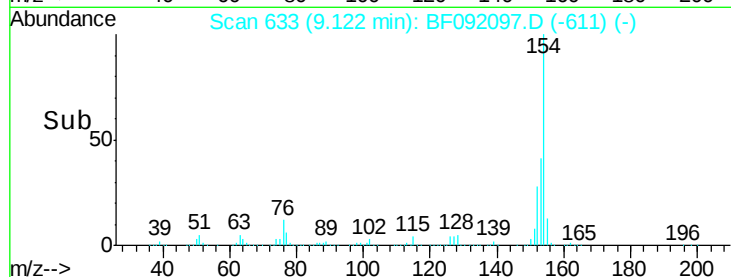
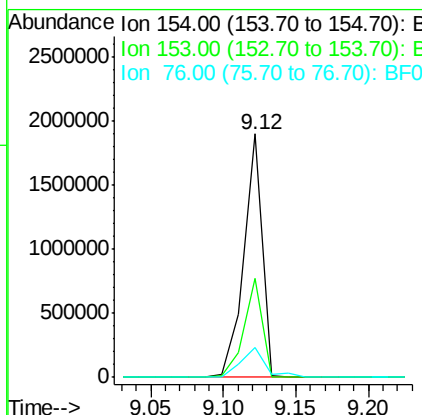
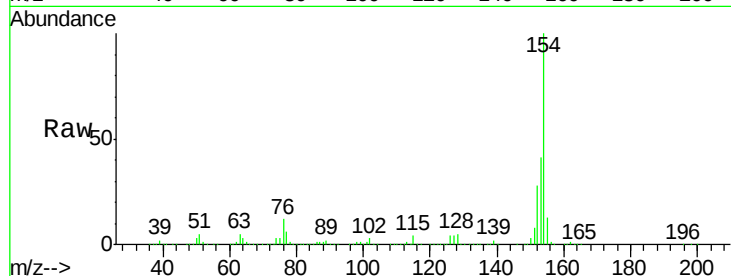
#45
 1,1'-Biphenyl
 Concen: 42.91 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:154 Resp: 1671824
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 12.4 0.0 30.5

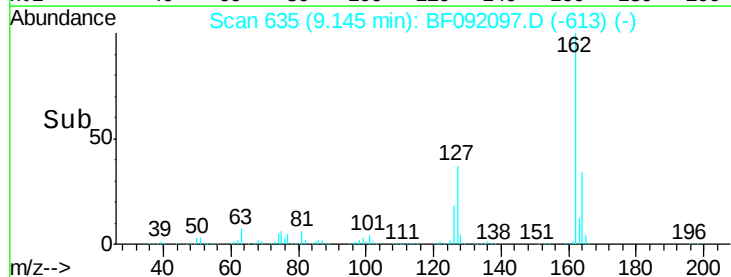
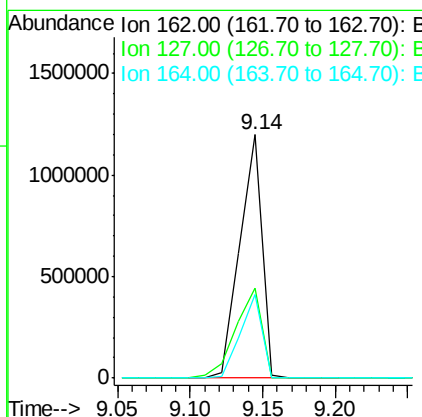
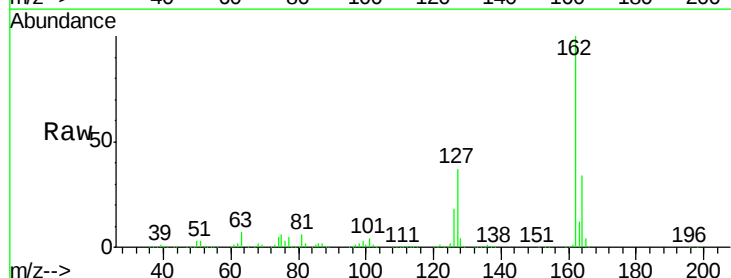
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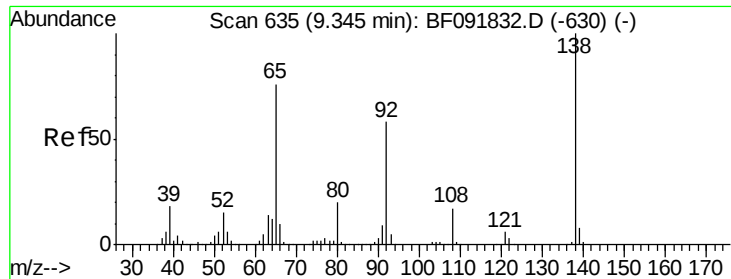
Sohil
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#46
 2-Chloronaphthalene
 Concen: 41.25 ng
 RT: 9.14 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:162 Resp: 1272953
 Ion Ratio Lower Upper
 162 100
 127 37.2 30.7 46.1
 164 34.3 27.6 41.4





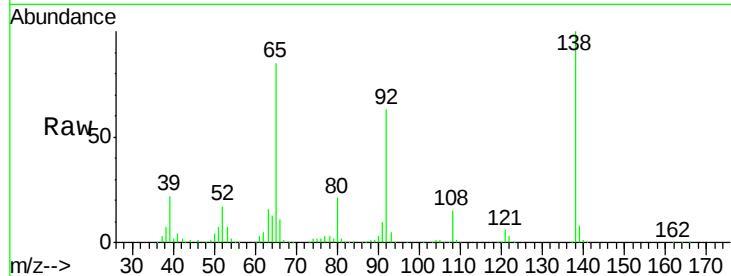
#47
2-Nitroaniline
Concen: 44.23 ng
RT: 9.25 min Scan# 644
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

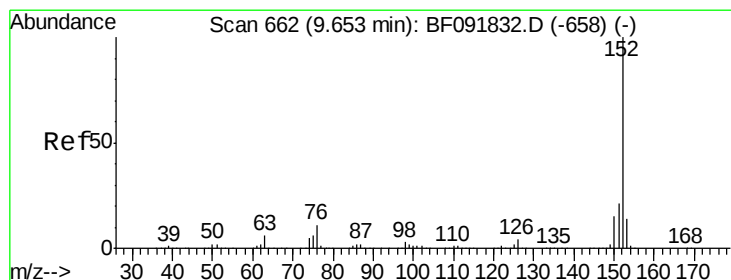
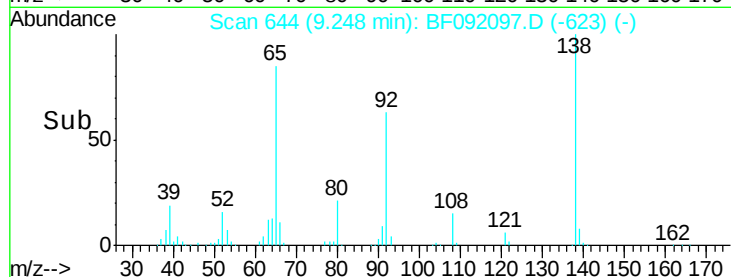
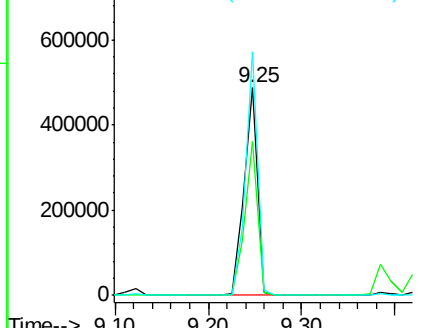
Tot Ion: 65 Resp: 485970
Ion Ratio Lower Upper
65 100
92 74.4 53.9 80.9
138 117.2 76.8 115.2#

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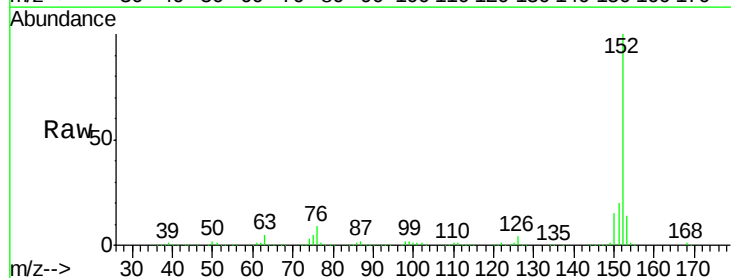


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

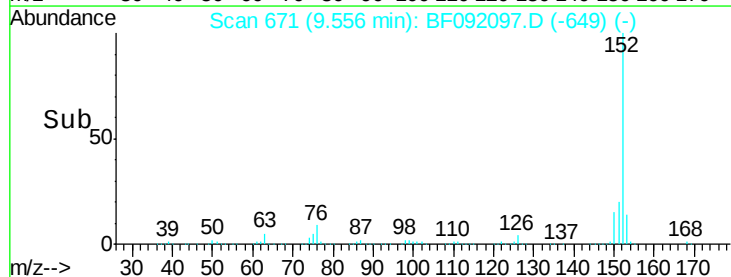
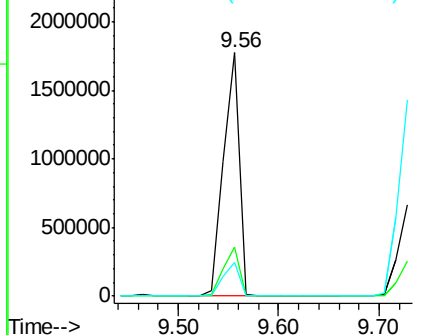


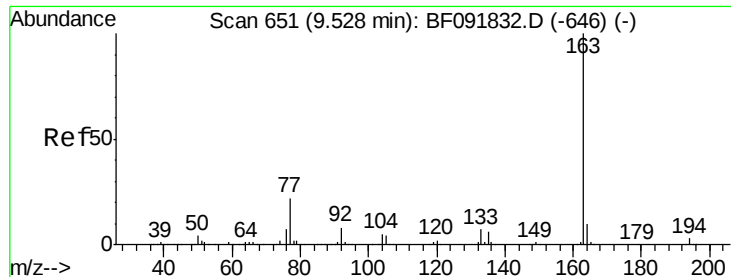
#48
Acenaphthylene
Concen: 40.72 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion: 152 Resp: 1932370
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





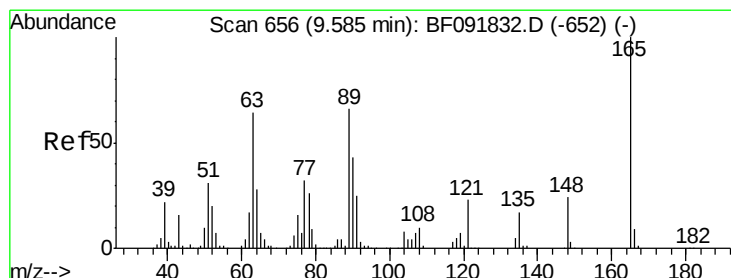
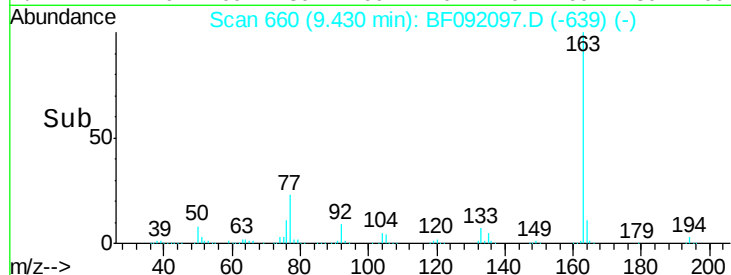
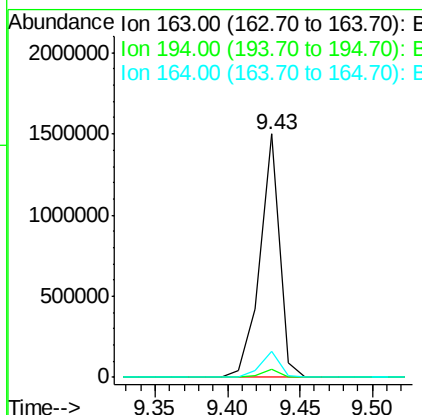
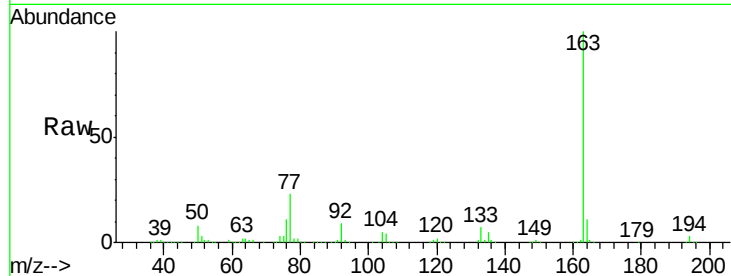
#49
Dimethylphthalate
Concen: 38.77 ng
RT: 9.43 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1411098
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.7 8.0 12.0

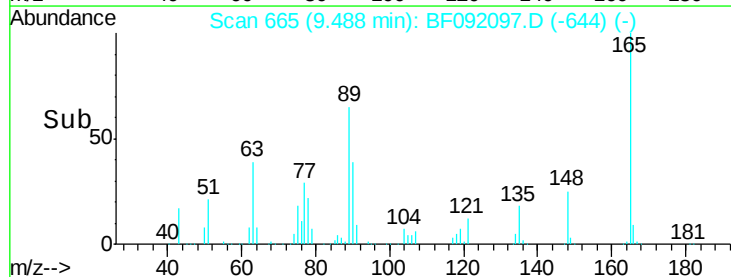
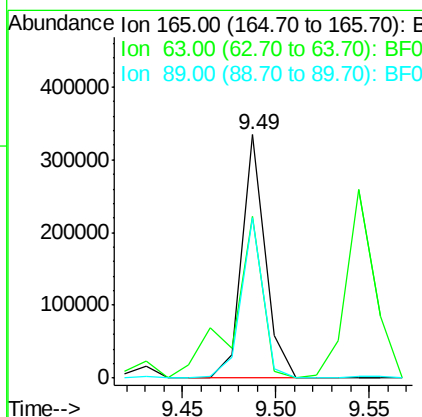
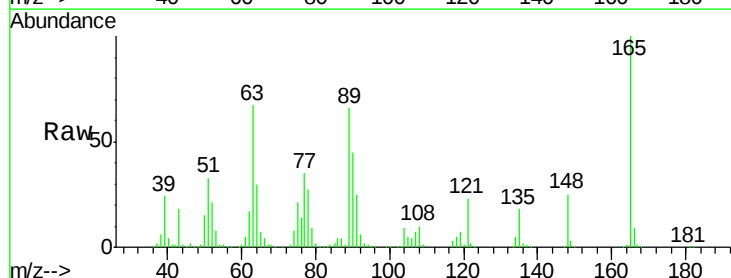
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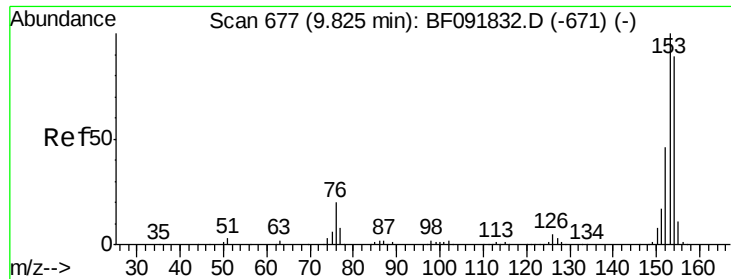
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#50
2,6-Dinitrotoluene
Concen: 36.86 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:165 Resp: 293650
Ion Ratio Lower Upper
165 100
63 66.6 36.2 54.4#
89 65.8 40.2 60.4#





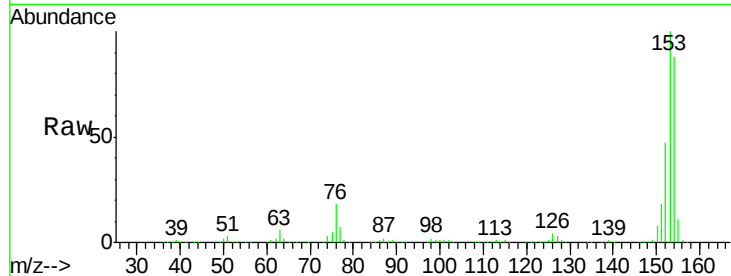
#51
Acenaphthene
Concen: 38.58 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

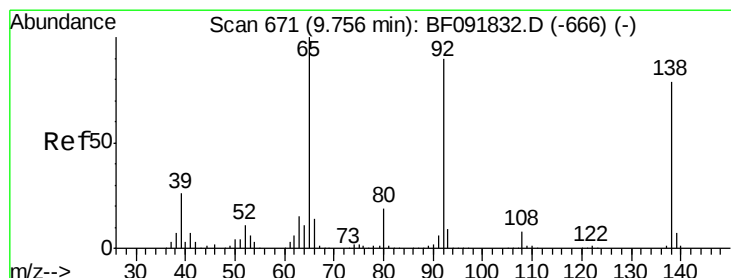
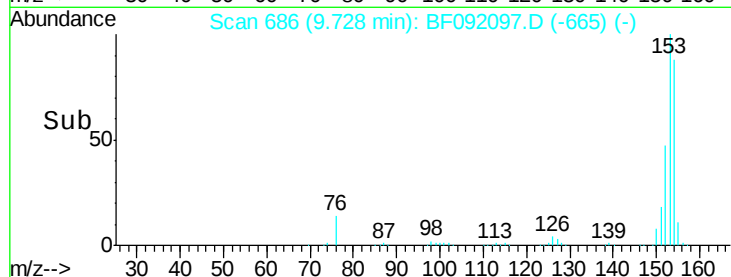
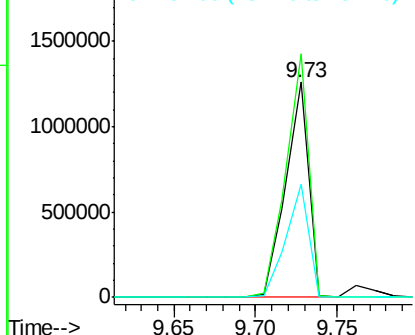
Tot Ion:154 Resp: 1241338
Ion Ratio Lower Upper
154 100
153 113.3 88.6 133.0
152 52.9 41.6 62.4

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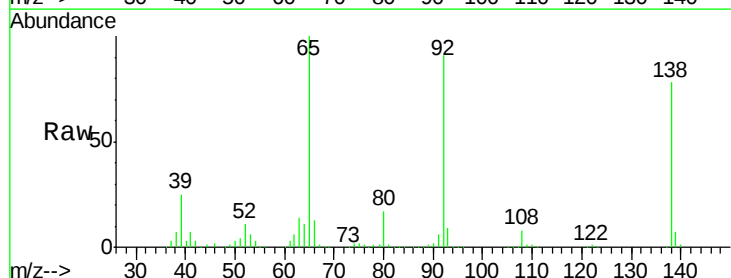


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

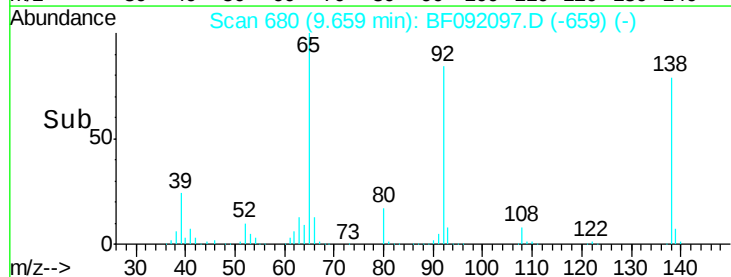
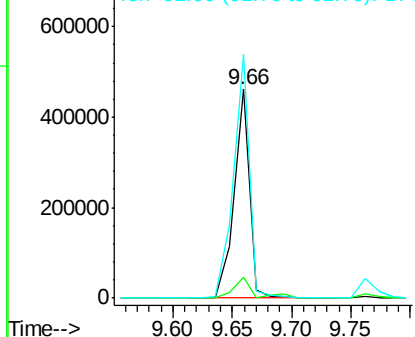


#52
3-Nitroaniline
Concen: 42.22 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:138 Resp: 416212
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 116.6 97.8 146.8



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





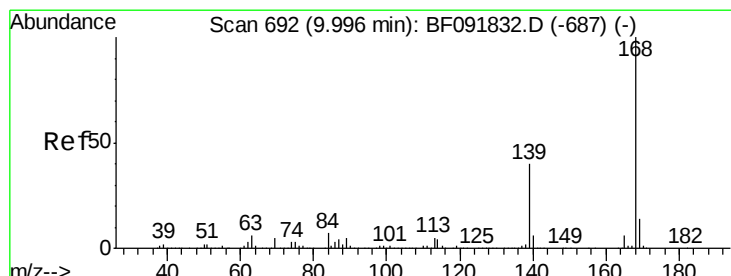
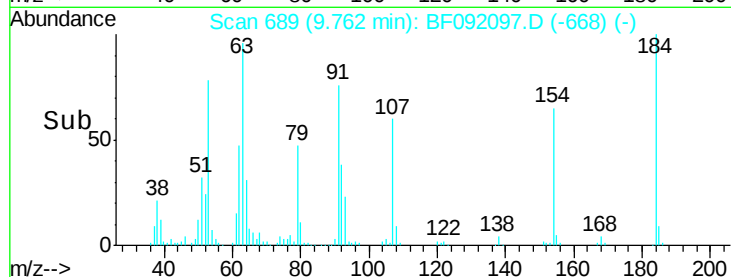
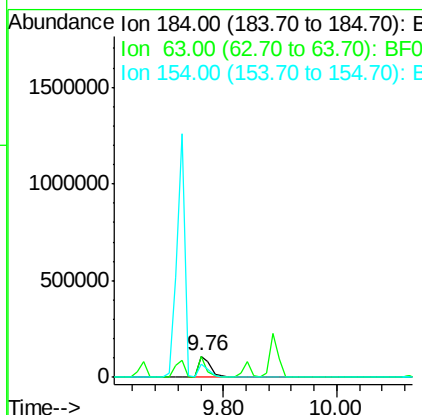
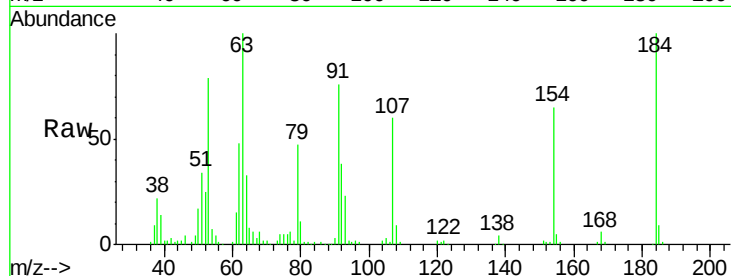
#53
2,4-Dinitrophenol
Concen: 37.45 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166022		
63	99.5	28.4	42.6	
154	64.6	44.3	66.5	

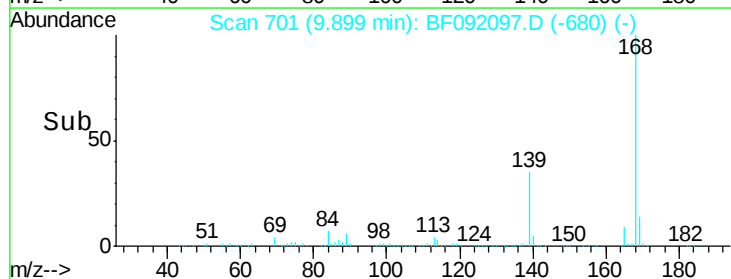
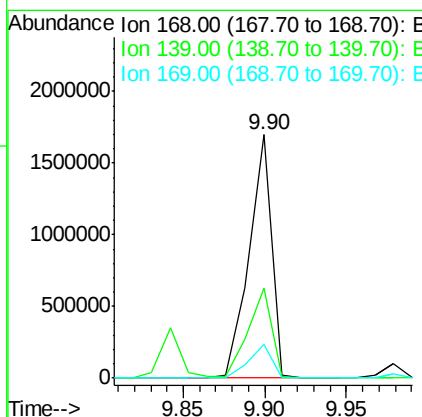
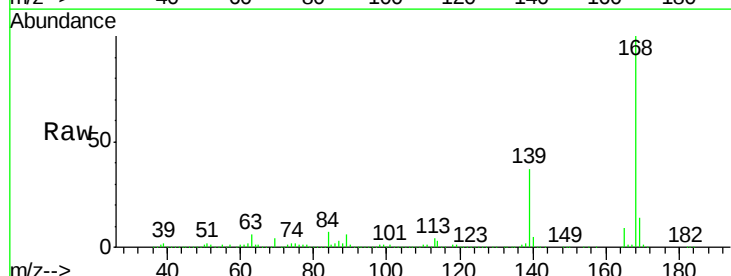
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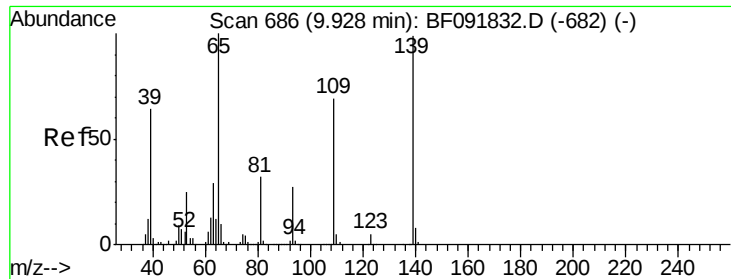
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#54
Dibenzofuran
Concen: 37.53 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1630493		
139	36.9	32.6	49.0	
169	13.7	11.3	16.9	





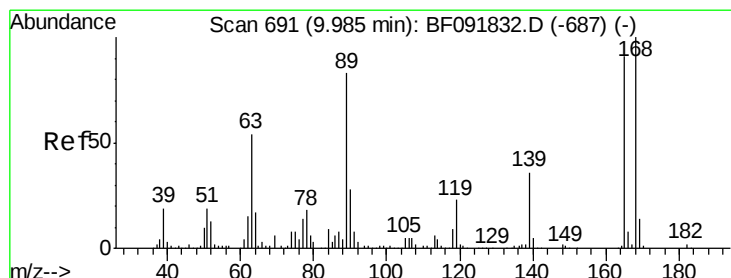
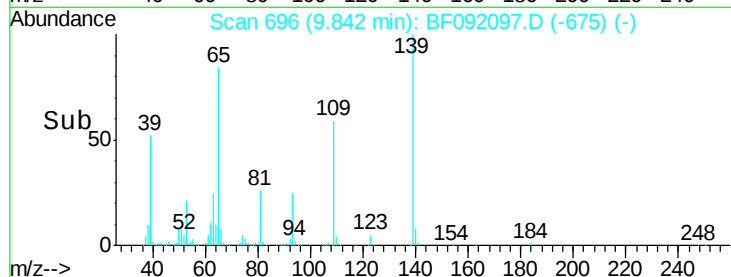
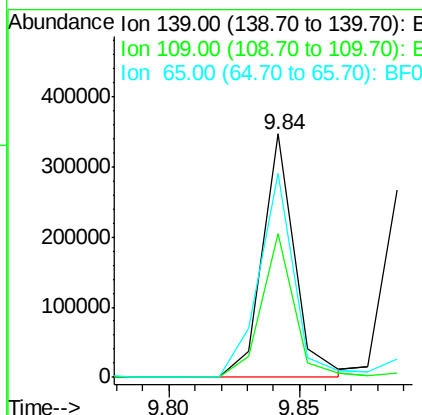
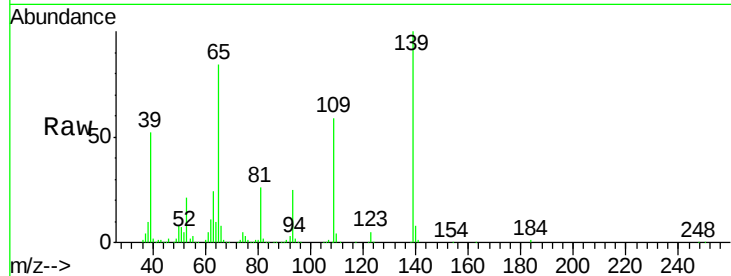
#55
4-Nitrophenol
Concen: 44.72 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	299368		
109	58.9	52.2	92.2	
65	83.8	85.8	125.8	

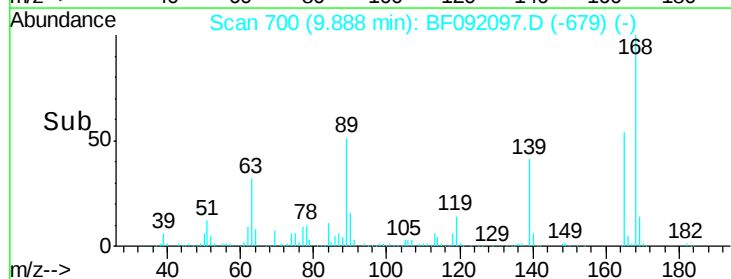
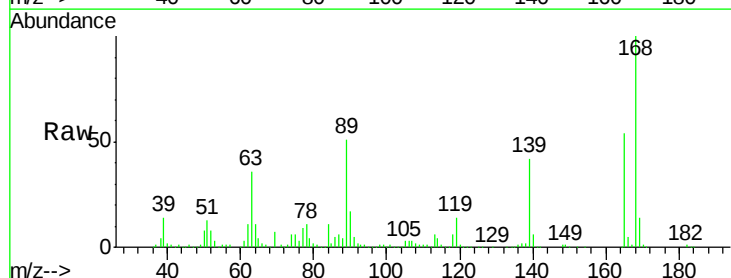
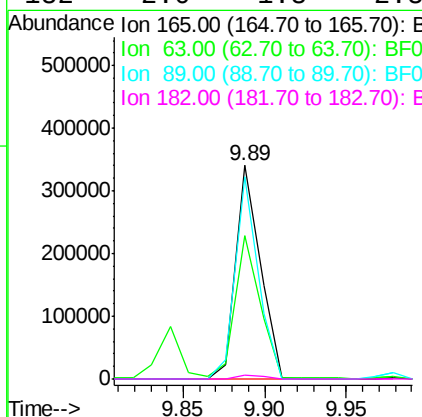
Manual Integrations
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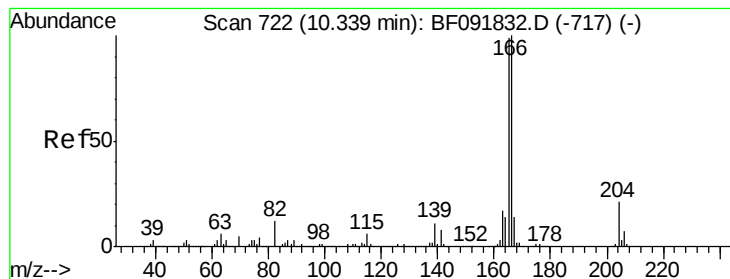
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.19 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	351834		
63	67.3	40.2	60.4	
89	94.6	62.5	93.7	
182	2.0	1.8	2.8	





#57

Fluorene

Concen: 40.33 ng

RT: 10.24 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1274915

Ion Ratio Lower Upper

166 100

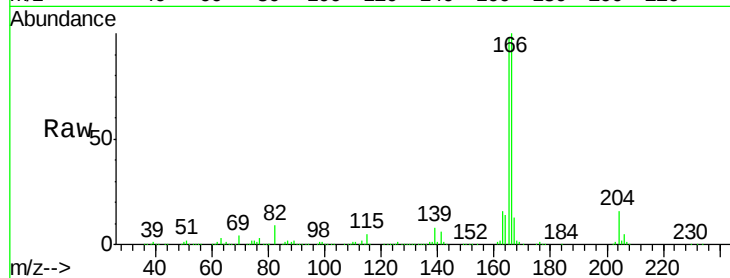
165 98.0 77.8 116.8

167 13.2 10.8 16.2

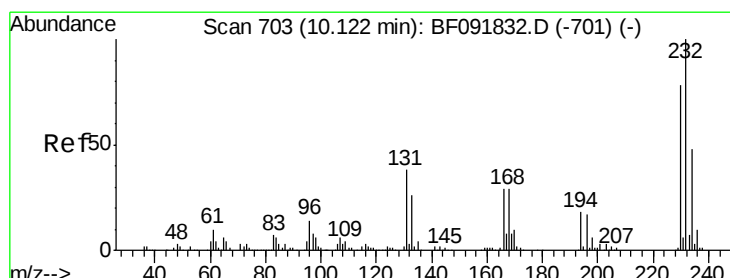
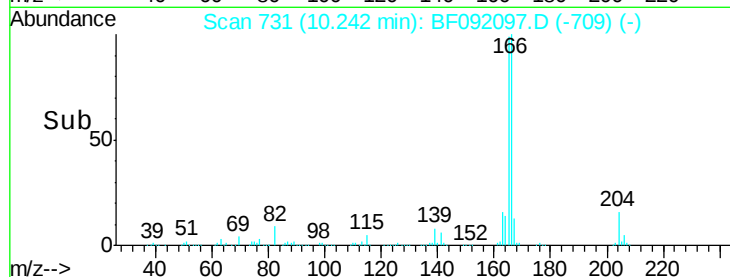
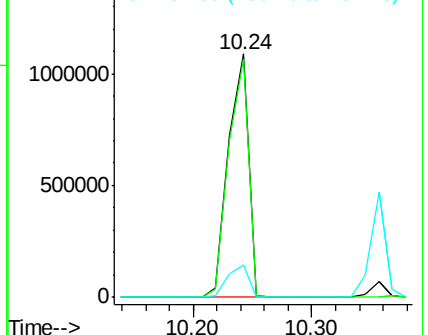
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.67 ng

RT: 10.02 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion:232 Resp: 332867

Ion Ratio Lower Upper

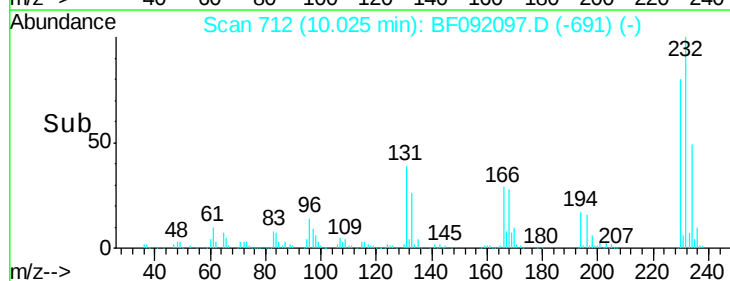
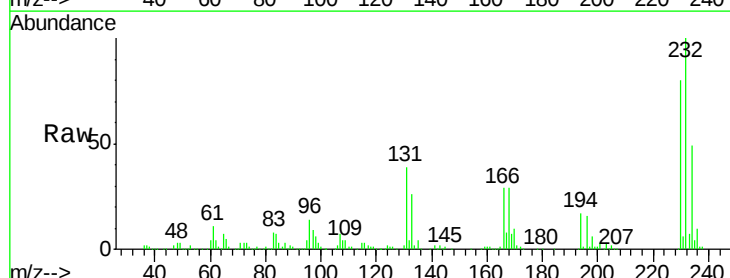
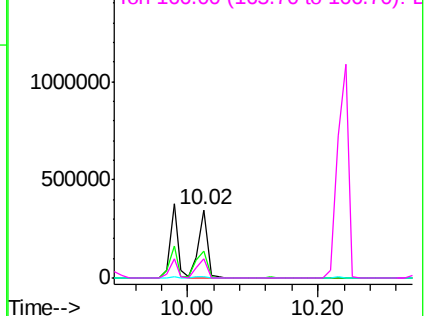
232 100

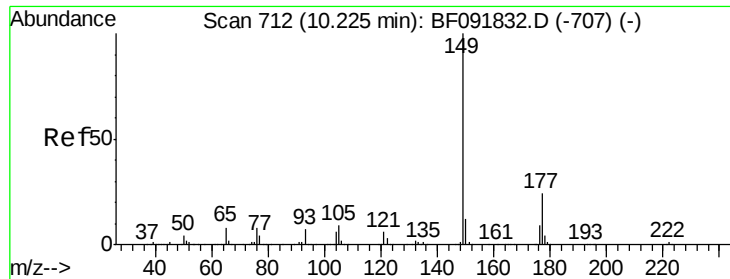
131 47.7 40.1 60.1

130 2.1 1.8 2.8

166 31.8 26.6 39.8

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





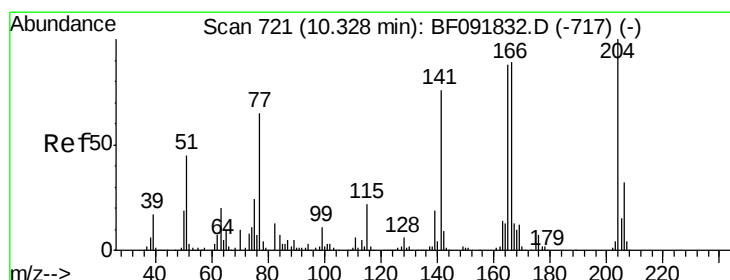
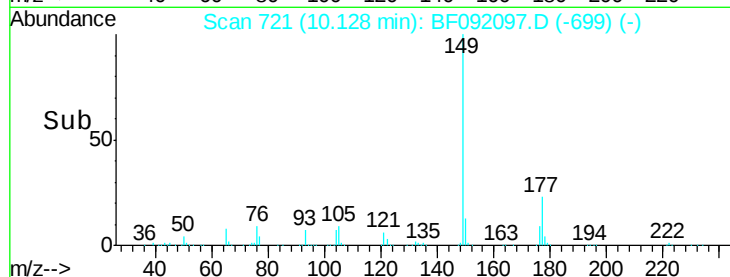
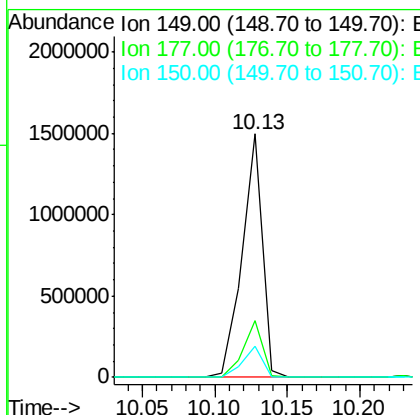
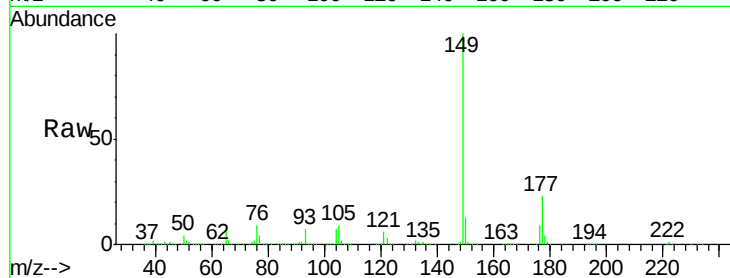
#59
Diethylphthalate
Concen: 40.94 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1447283
Ion Ratio Lower Upper
149 100
177 23.1 16.6 25.0
150 12.6 10.4 15.6

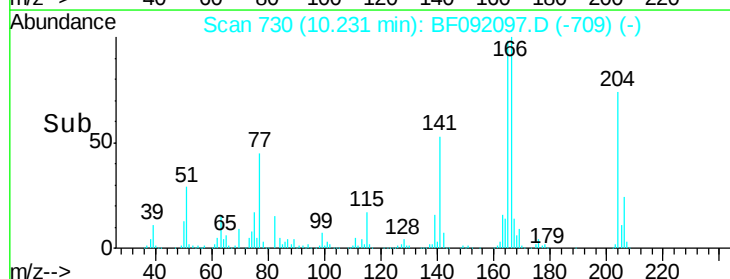
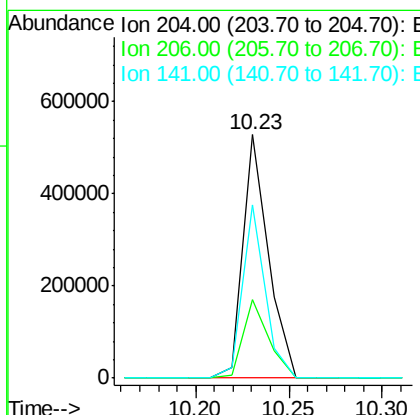
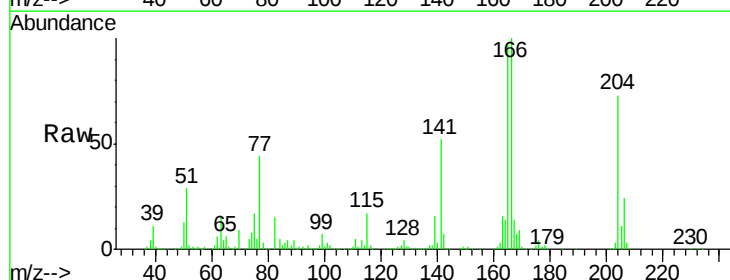
Manual Integrations
APPROVED

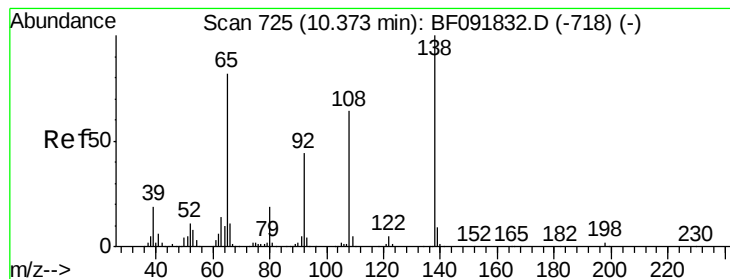
Sohil
1/6/2017 10:10:04 AM



#60
4-Chlorophenyl-phenylether
Concen: 36.16 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:204 Resp: 500458
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 71.4 59.4 89.0





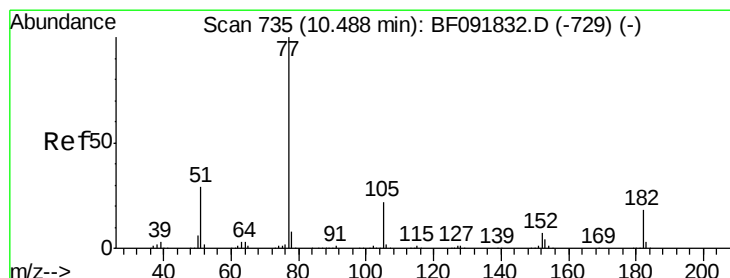
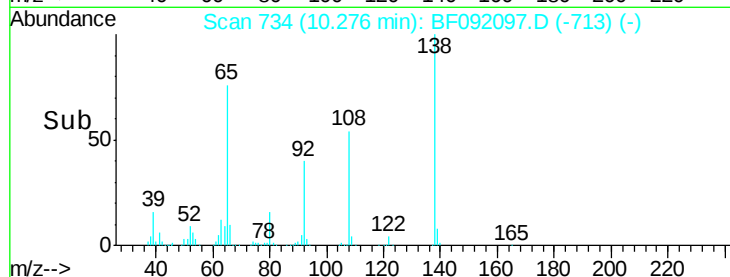
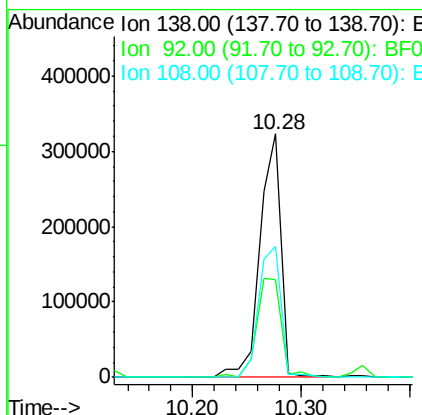
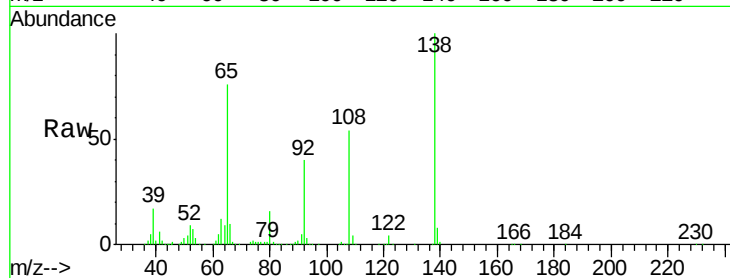
#61
4-Nitroaniline
Concen: 43.08 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.2	31.7	71.7
108	54.0	52.6	92.6

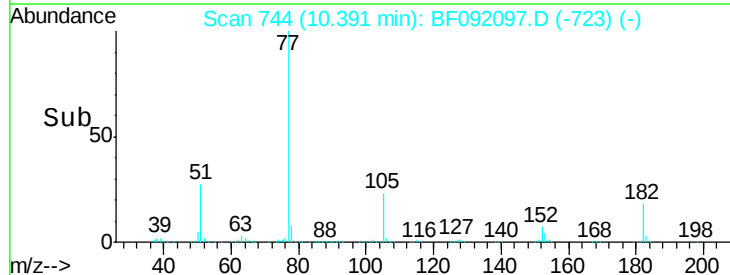
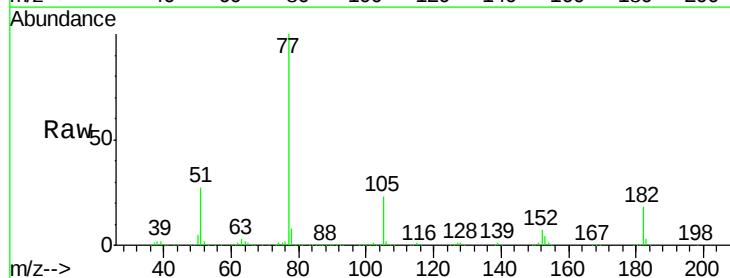
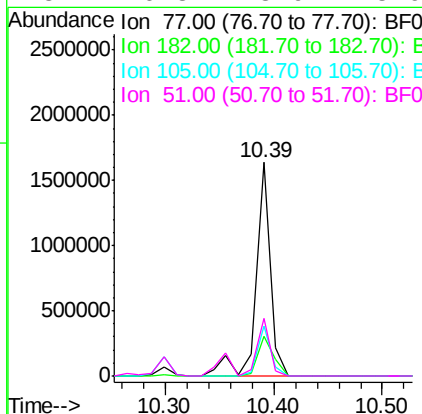
Manual Integrations
APPROVED

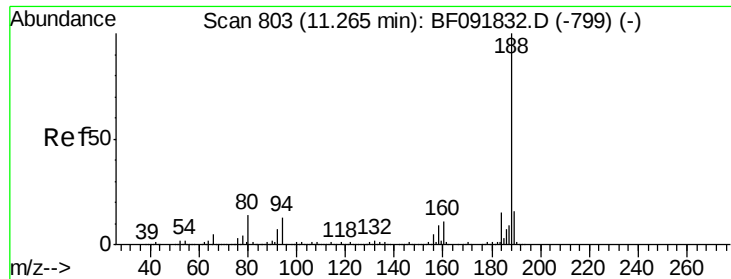
Sohil
1/6/2017 10:10:04 AM



#62
Azobenzene
Concen: 39.53 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.4	0.0	39.3
105	23.5	2.3	42.3
51	26.8	8.9	48.9





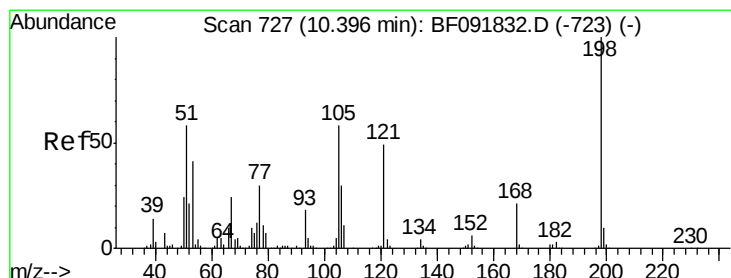
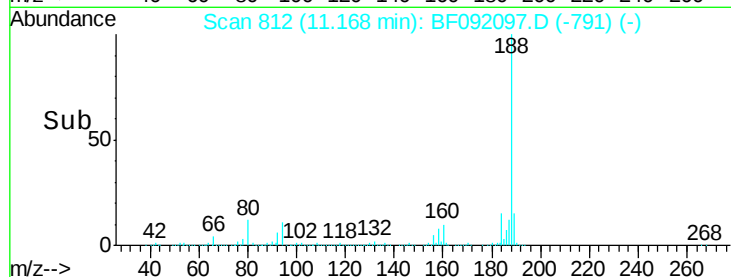
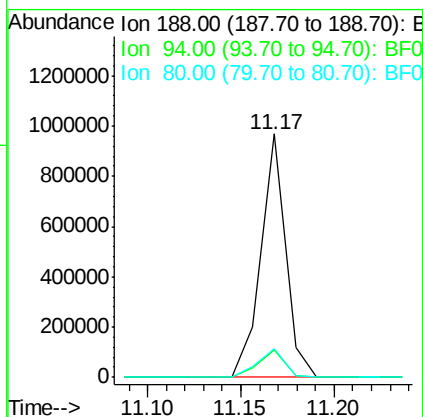
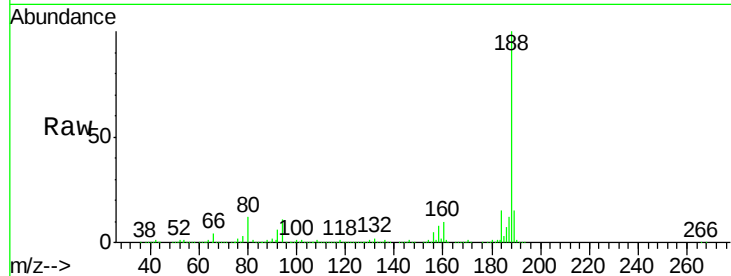
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.0	15.0
80	11.7	11.2	16.8

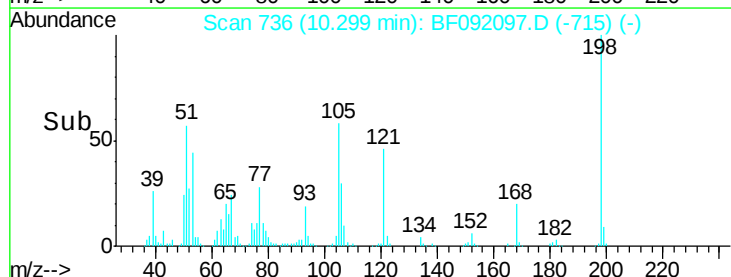
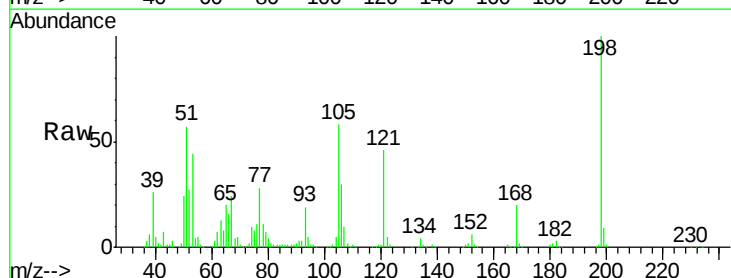
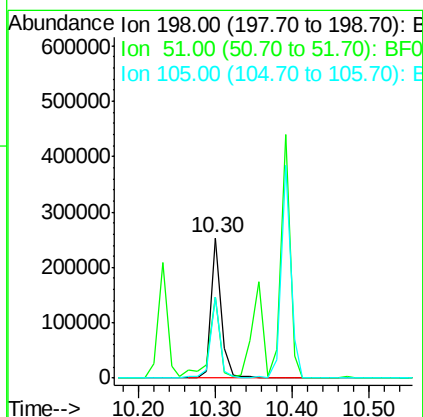
Manual Integrations
APPROVED

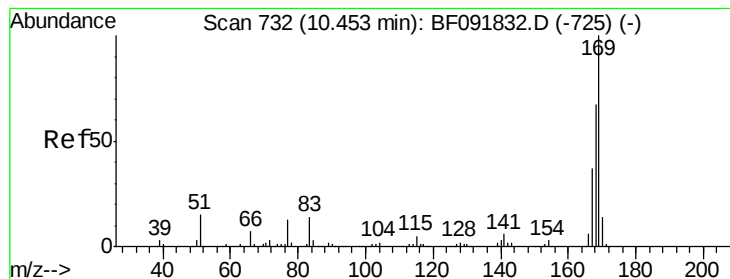
Sohil
1/6/2017 10:10:04 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.60 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.5	6.7	46.7#
105	58.0	16.6	56.6#





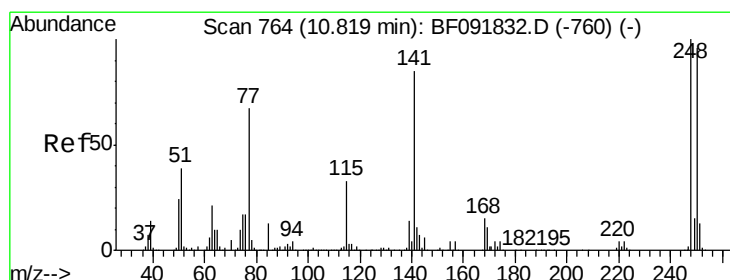
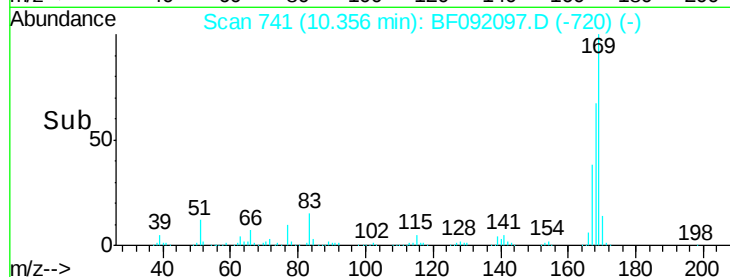
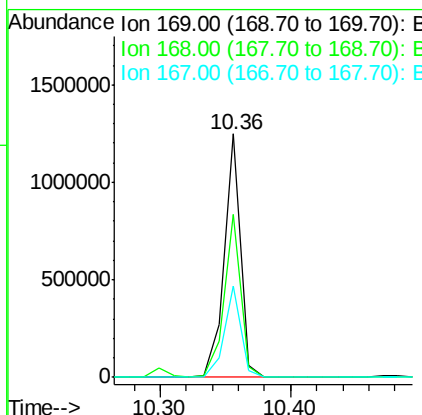
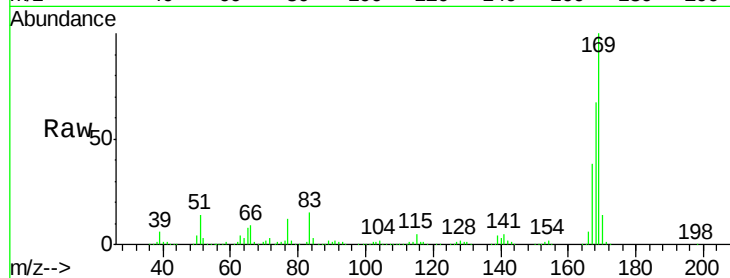
#65
n-Nitrosodiphenylamine
Concen: 41.64 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1095290
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 37.7 30.2 45.4

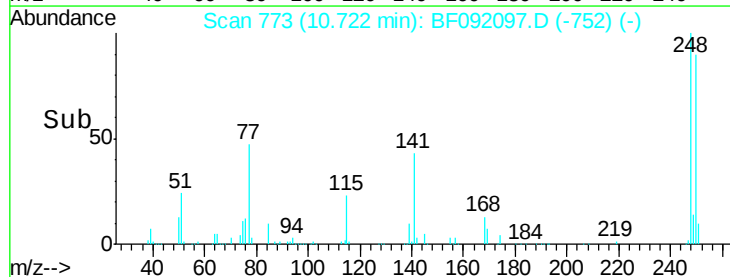
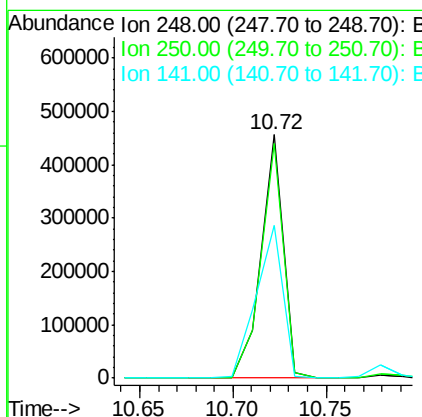
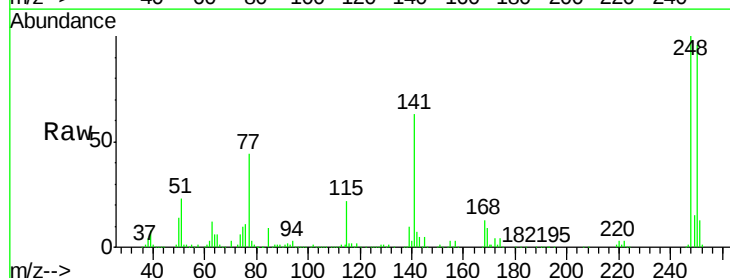
Manual Integrations
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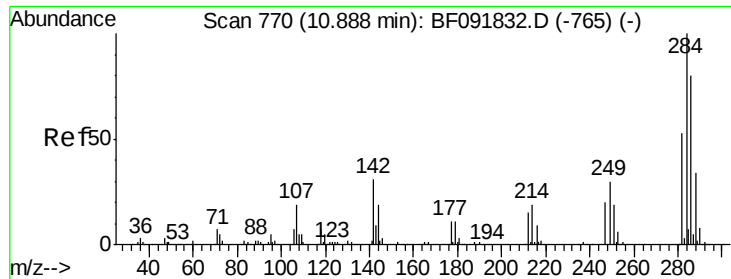
Sohil
1/6/2017 10:10:04 AM



#66
4-Bromophenyl-phenylether
Concen: 41.68 ng
RT: 10.72 min Scan# 773
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:248 Resp: 384340
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 62.6 68.2 102.4#





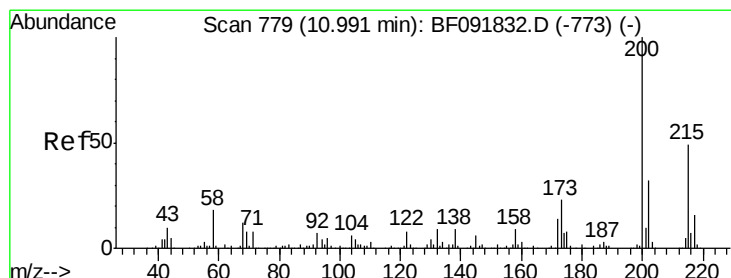
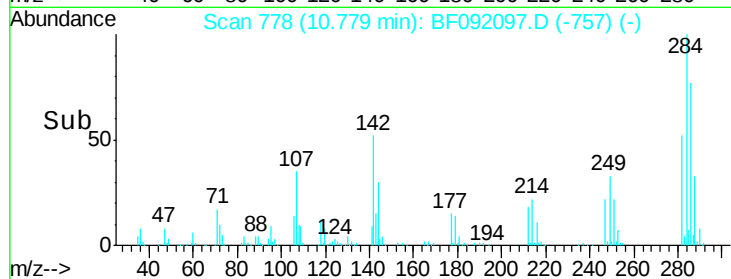
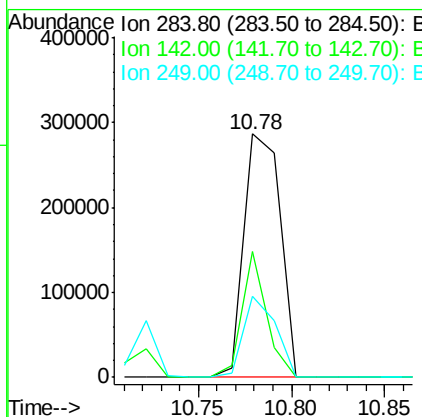
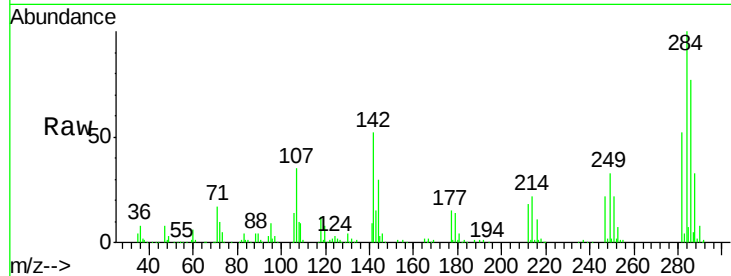
#67
Hexachlorobenzene
Concen: 39.19 ng
RT: 10.78 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	386309		
142	51.8	22.6	33.8#	
249	33.5	25.4	38.0	

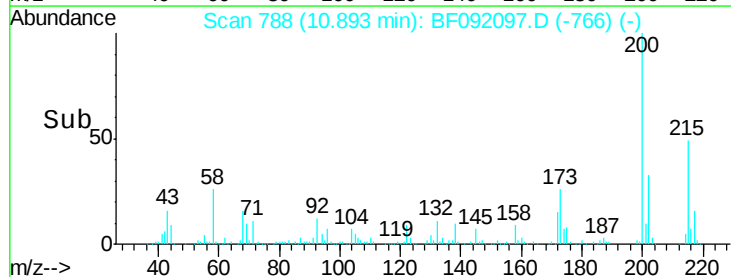
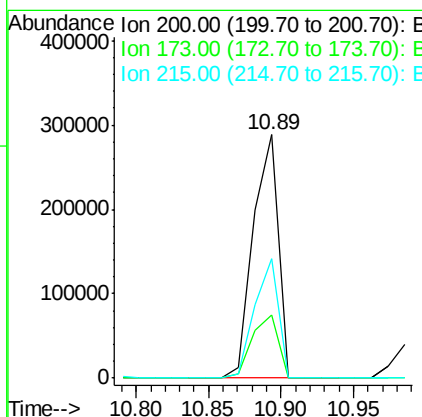
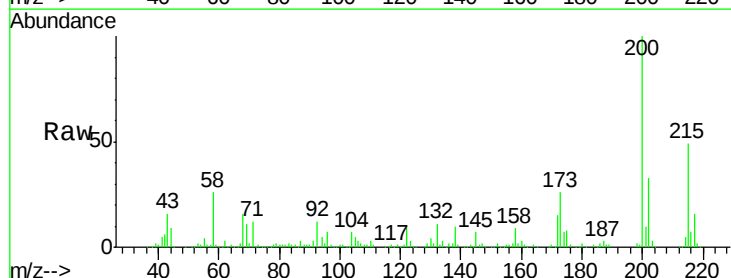
Manual Integrations
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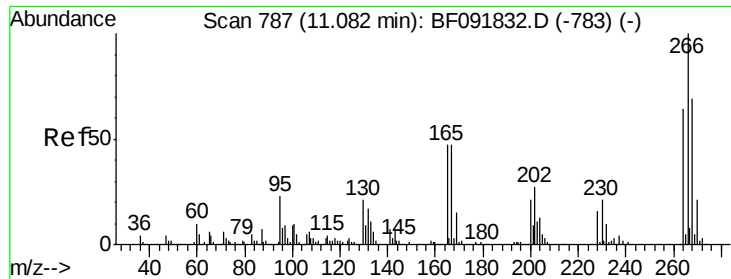
Sohil
1/6/2017 10:10:04 AM



#68
Atrazine
Concen: 40.58 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	344344		
173	25.8	9.6	49.6	
215	49.2	25.7	65.7	





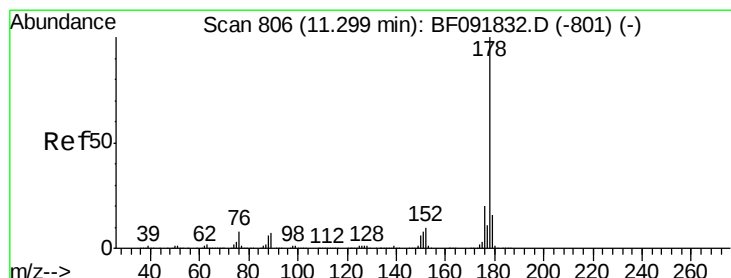
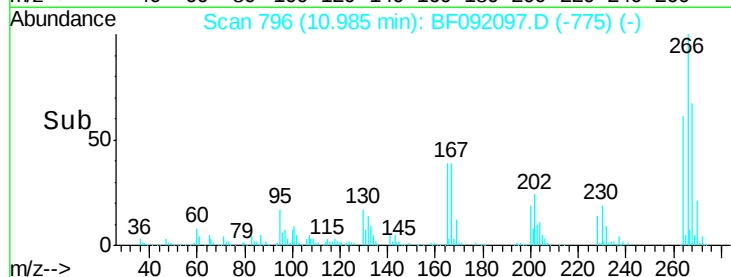
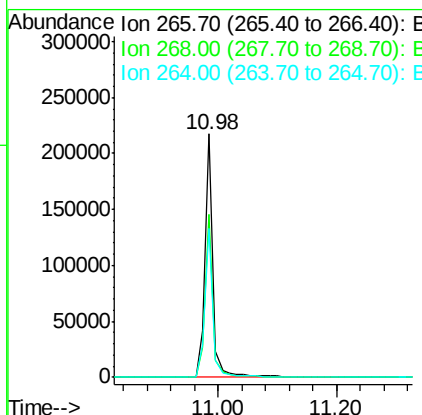
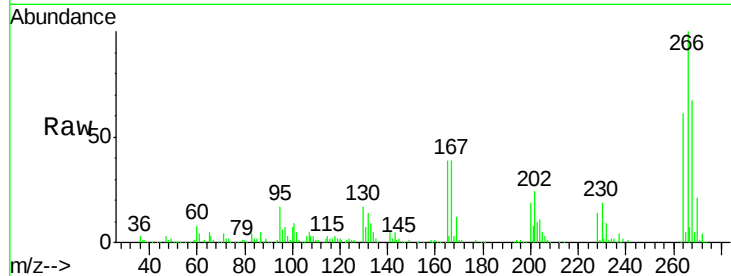
#69
 Pentachlorophenol
 Concen: 43.82 ng
 RT: 10.98 min Scan# 796
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	53.3	79.9
264	61.3	50.3	75.5

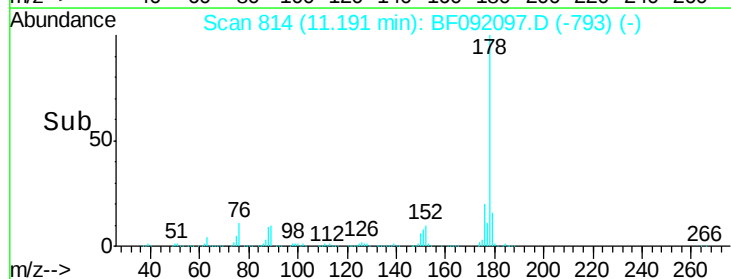
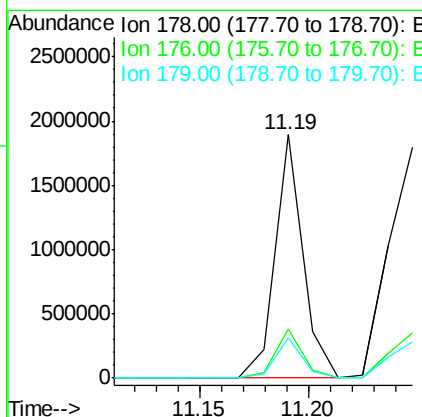
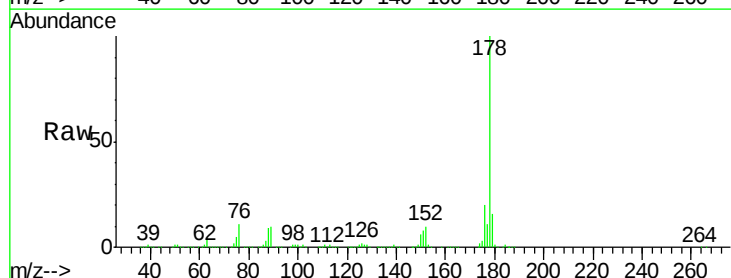
Manual Integrations
 APPROVED

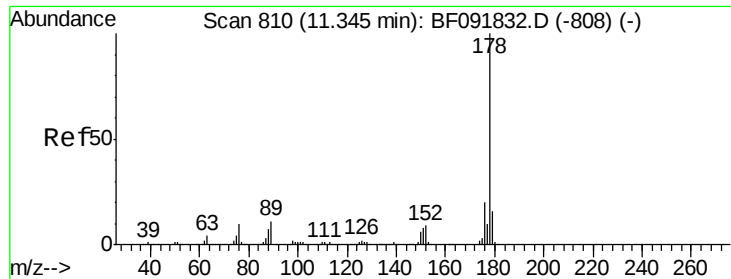
Sohil
 1/6/2017 10:10:04 AM



#70
 Phenanthrene
 Concen: 35.36 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	16.4	12.8	19.2





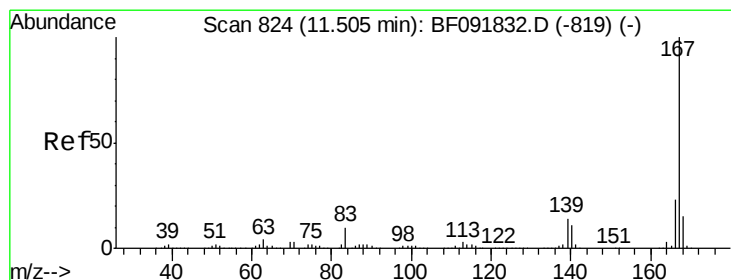
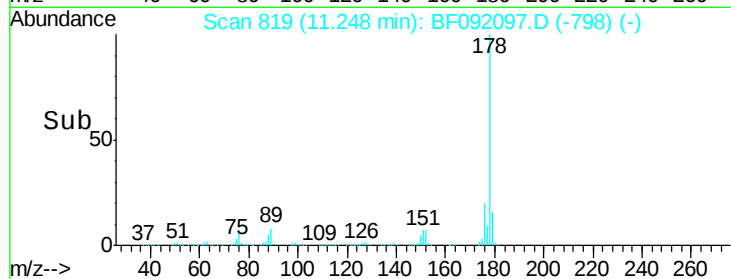
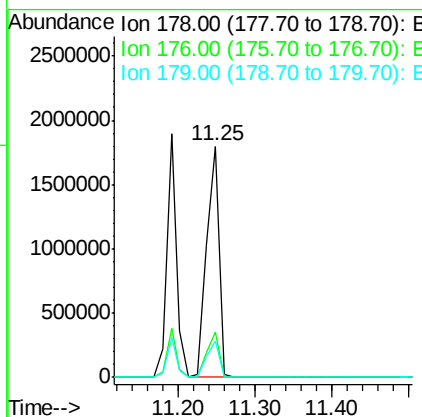
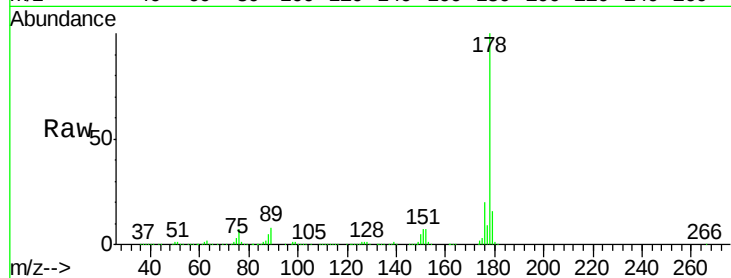
#71
 Anthracene
 Concen: 47.36 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1982340
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.9 13.2 19.8

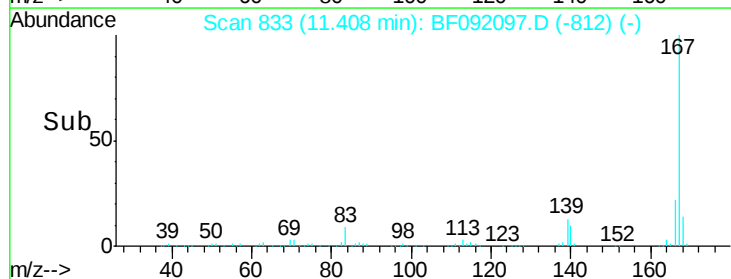
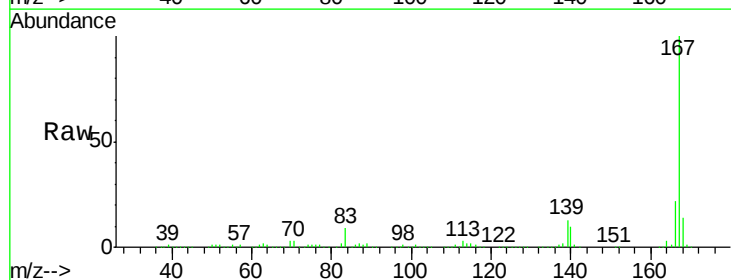
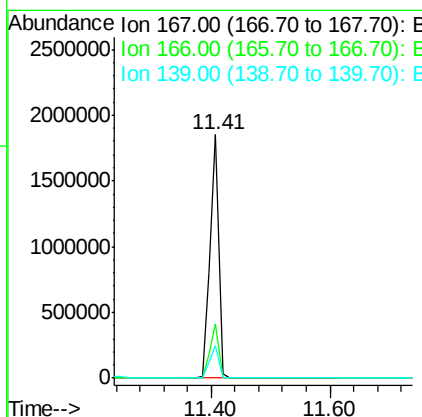
Manual Integrations
 APPROVED

Sohil
 1/6/2017 10:10:04 AM



#72
 Carbazole
 Concen: 49.59 ng
 RT: 11.41 min Scan# 833
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion:167 Resp: 1873770
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.47 ng

RT: 11.74 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2110384

Ion Ratio Lower Upper

149 100

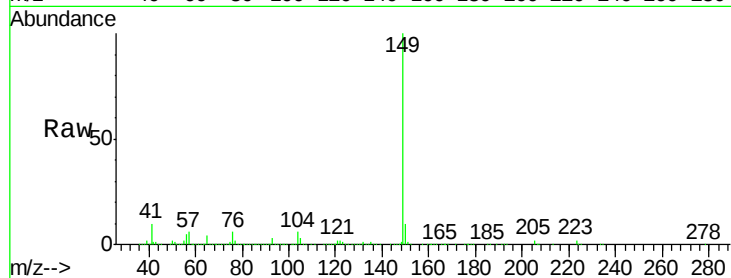
150 9.9 8.1 12.1

104 5.7 4.6 7.0

Manual Integrations
APPROVED

Sohil

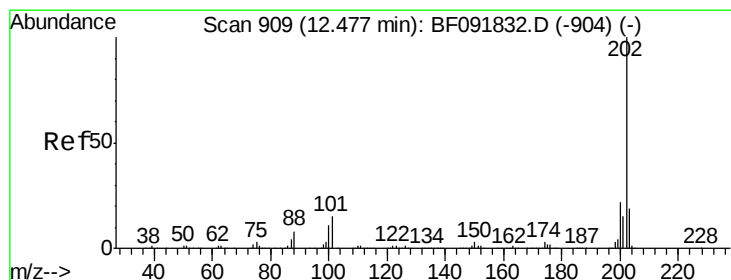
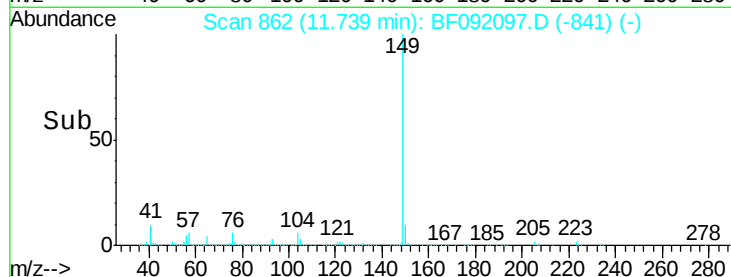
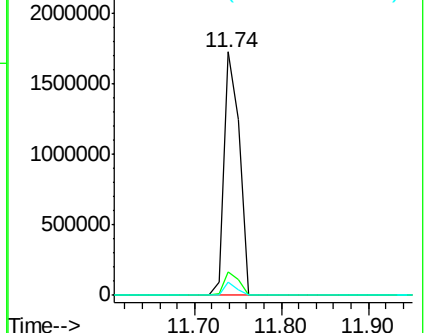
1/6/2017 10:10:04 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.18 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

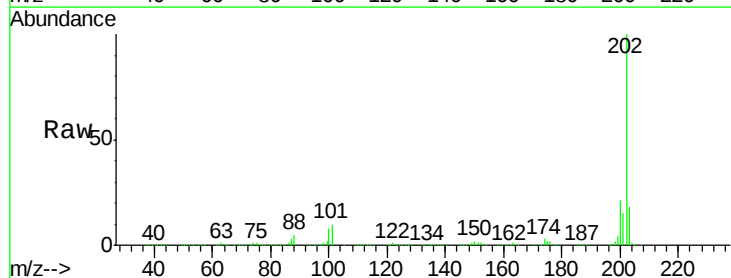
Tgt Ion:202 Resp: 2020620

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.6

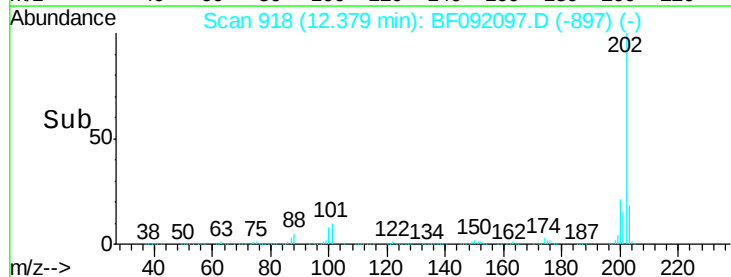
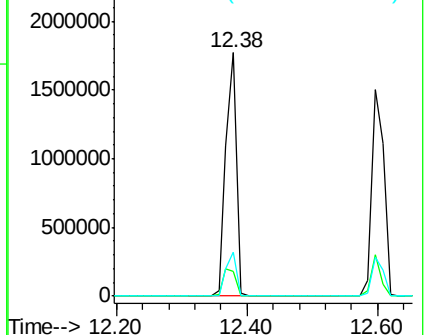
203 18.0 0.0 38.7

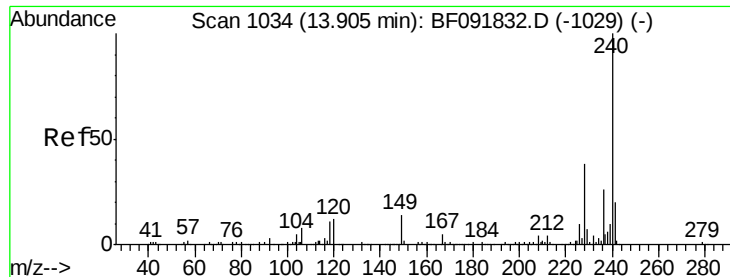


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

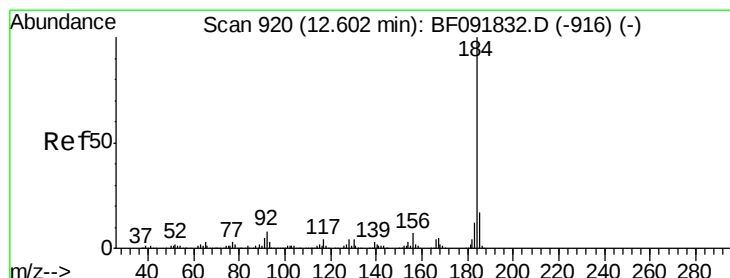
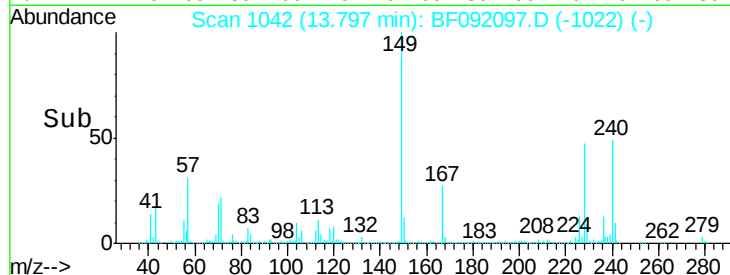
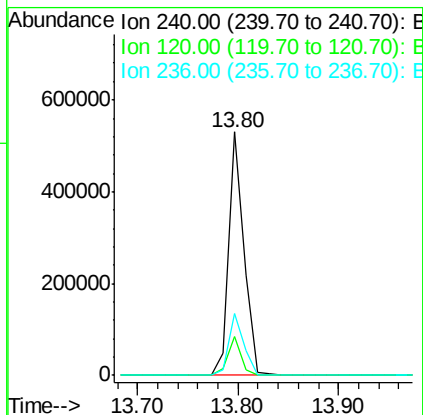
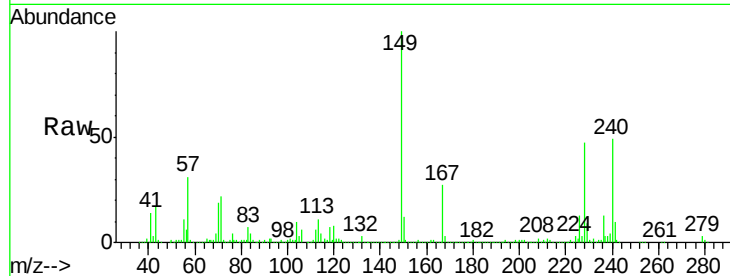
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	558187
Ion Ratio		Lower	Upper
240	100		
120	16.1	12.9	19.3
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 52.22 ng

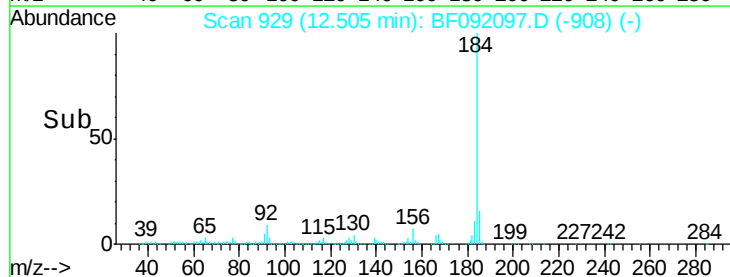
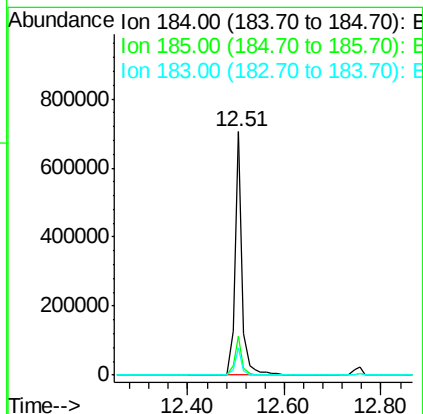
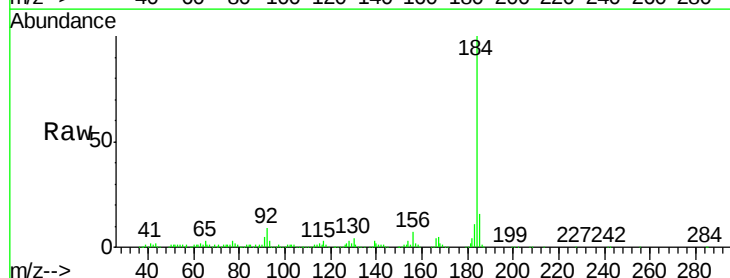
RT: 12.51 min Scan# 929

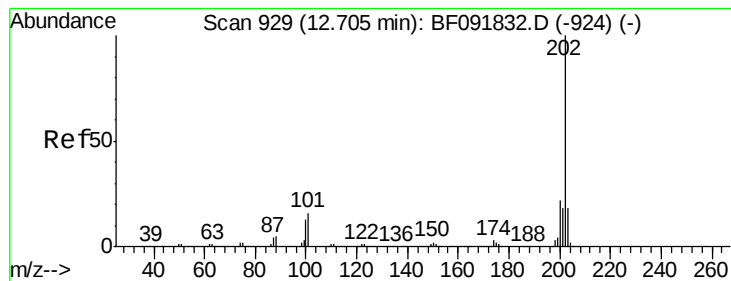
Delta R.T. -0.06 min

Lab File: BF092097.D

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Tgt Ion:	184	Resp:	715372
Ion Ratio		Lower	Upper
184	100		
185	16.1	13.4	20.0
183	11.0	9.2	13.8





#77

Pvrene

Concen: 46.11 ng

RT: 12.60 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1888246

Ion Ratio Lower Upper

202 100

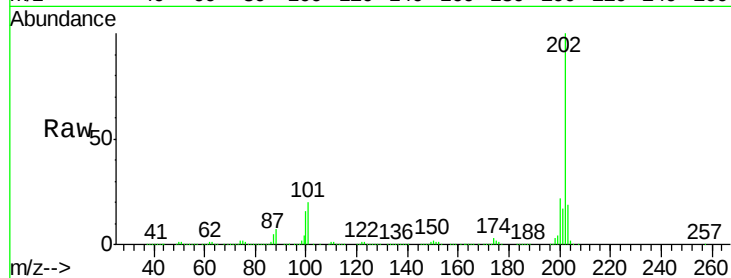
200 21.5 17.7 26.5

203 18.7 14.7 22.1

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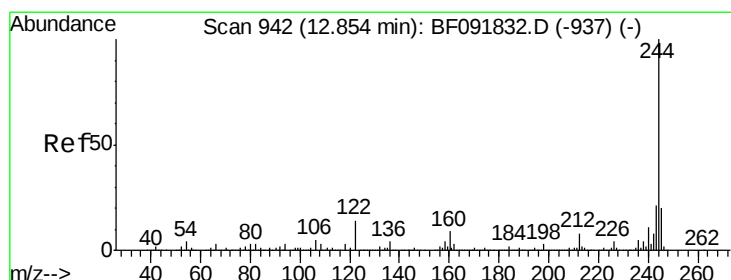
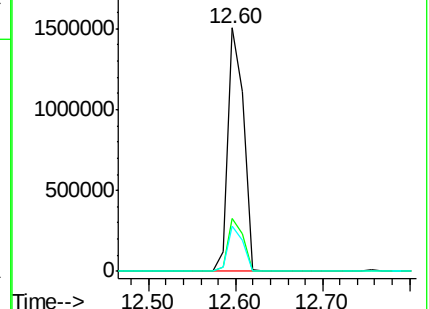
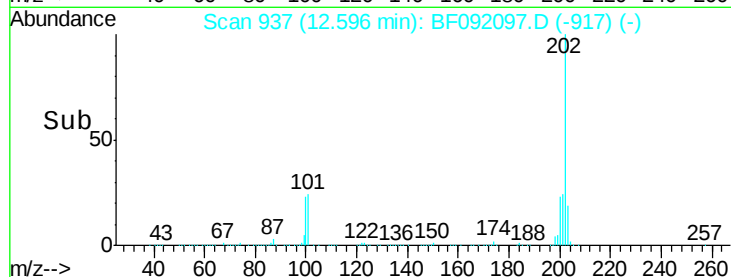
1/6/2017 10:10:04 AM



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: 91.89 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

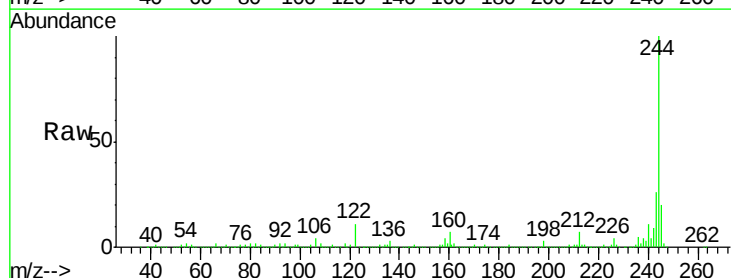
Tgt Ion:244 Resp: 2114828

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

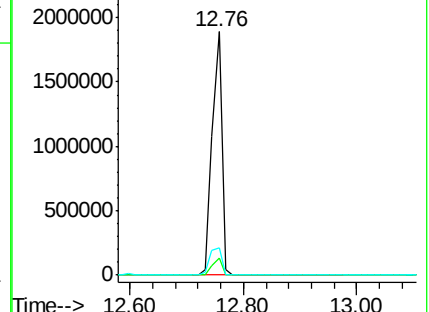
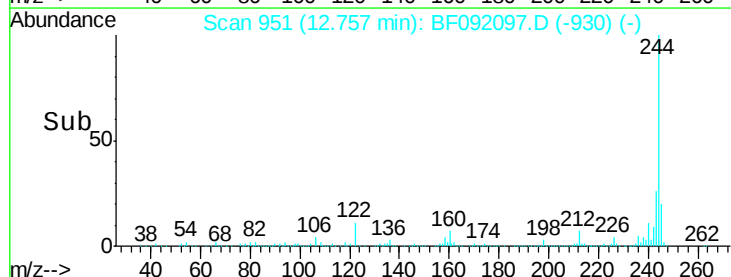
122 11.3 11.4 17.2#

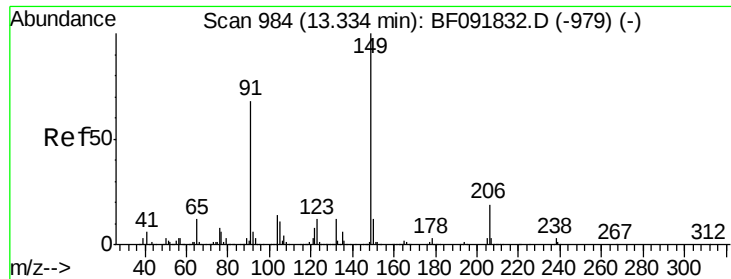


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





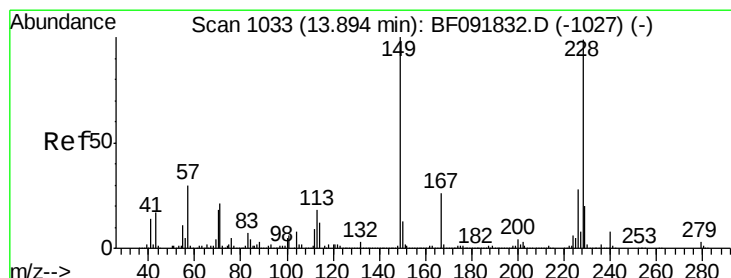
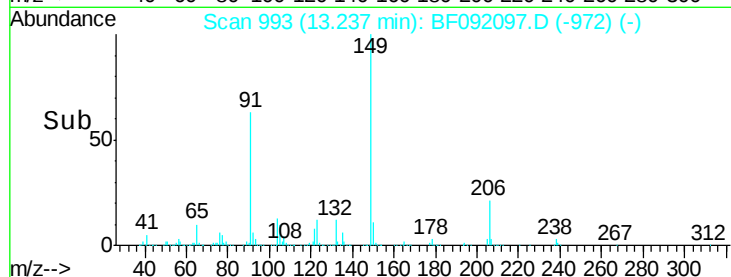
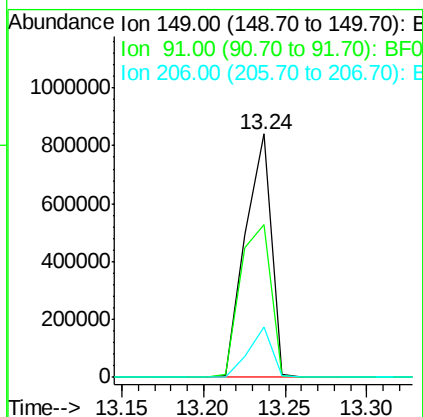
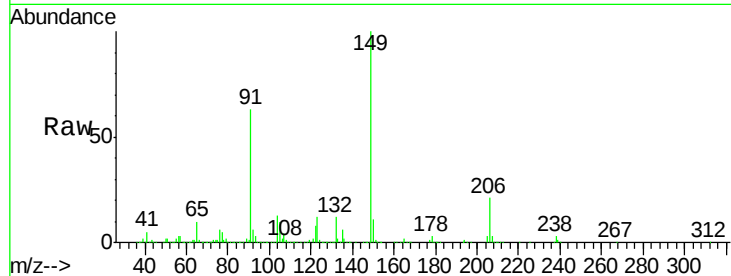
#79
Butylbenzylphthalate
Concen: 49.86 ng
RT: 13.24 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.0	63.9	95.9#
206	20.8	14.6	21.8

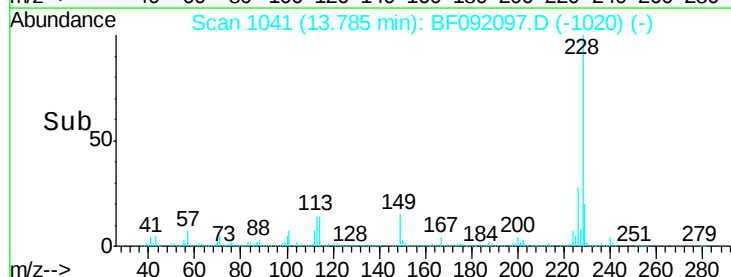
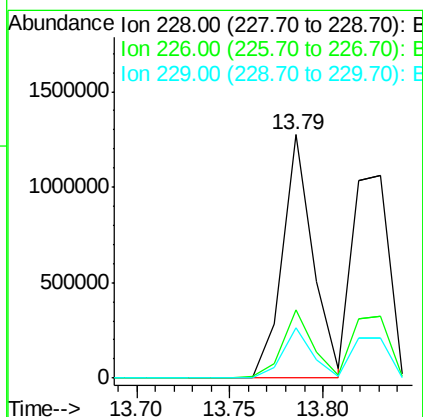
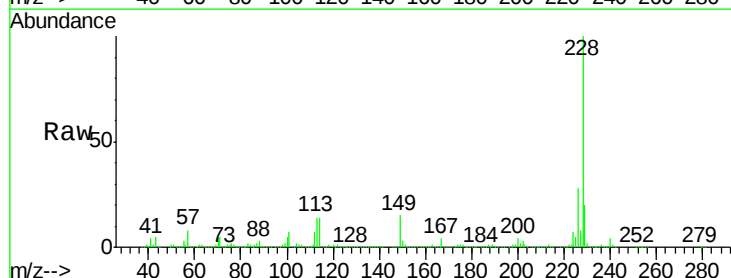
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#80
Benzo(a)anthracene
Concen: 46.12 ng
RT: 13.79 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.5	16.2	24.4





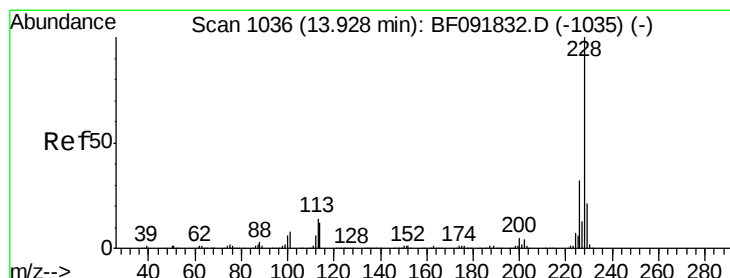
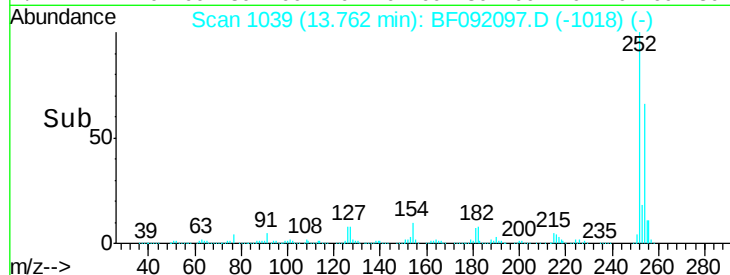
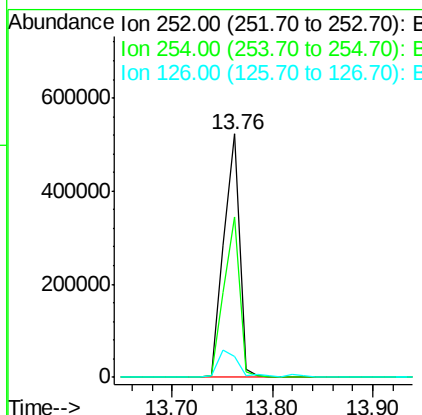
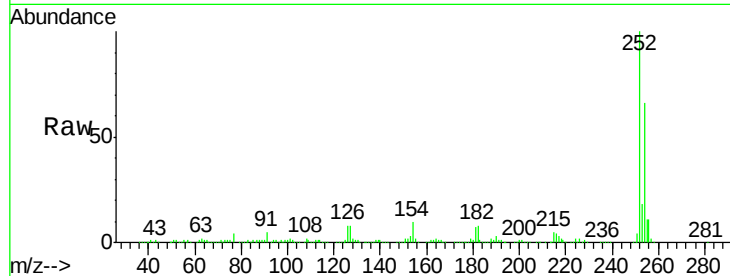
#81
 3,3'-Dichlorobenzidine
 Concen: 48.31 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.3	78.5
126	8.5	13.6	20.4

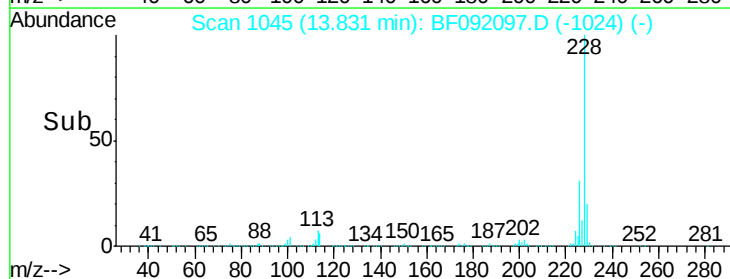
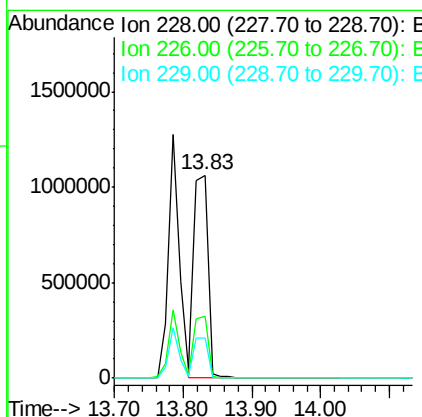
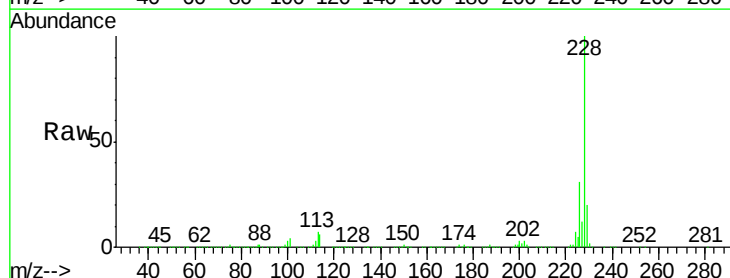
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#82
 Chrysene
 Concen: 46.78 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF092097.D
 Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.54 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

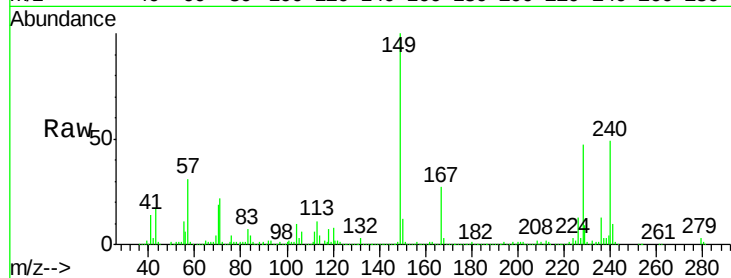
ClientSampleId :

SSTDCCC040

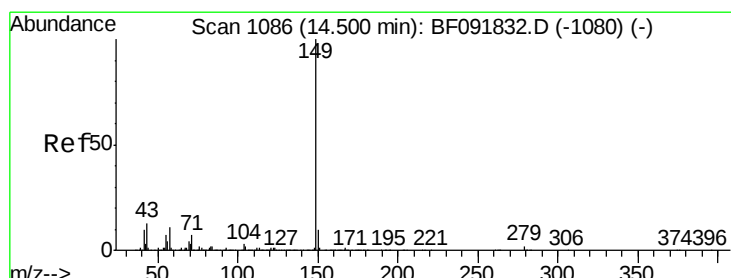
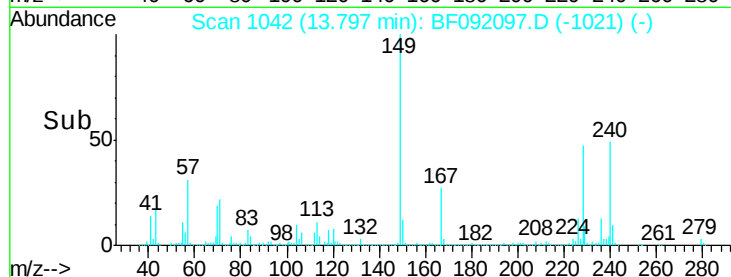
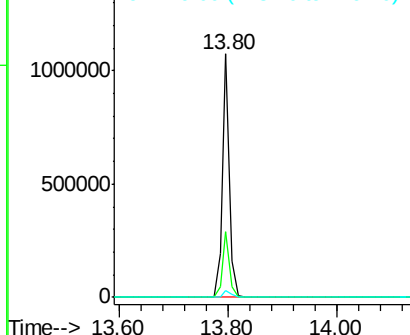
Tot Ion:	149	Resp:	999015
Ion Ratio		Lower	Upper
149	100		
167	26.8	20.2	30.4
279	2.7	1.8	2.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.41 ng

RT: 14.40 min Scan# 1095

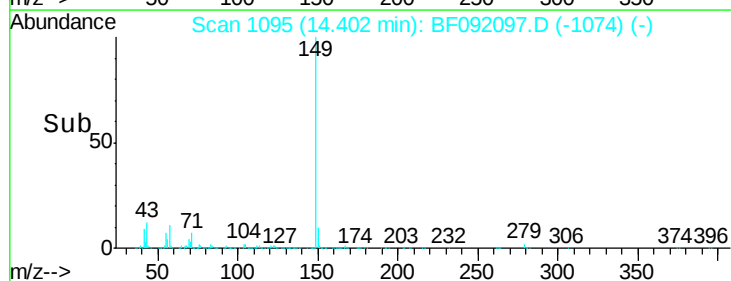
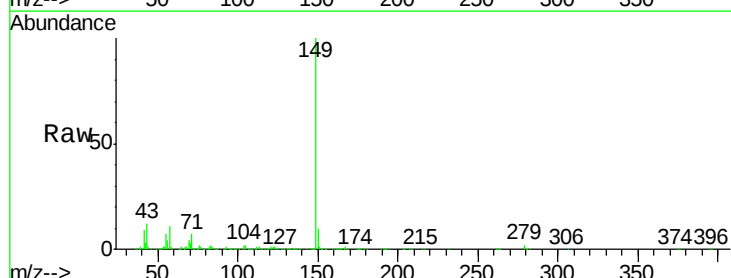
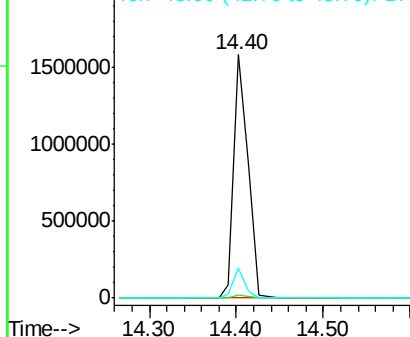
Delta R.T. -0.06 min

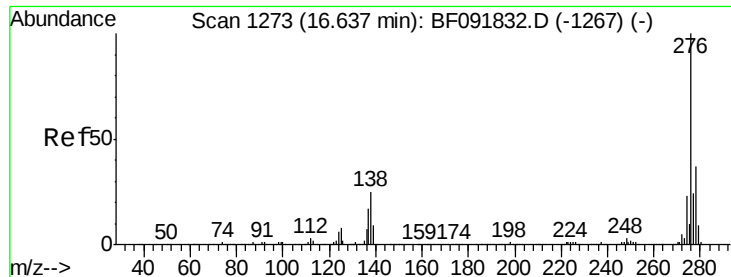
Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion:	149	Resp:	1764105
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





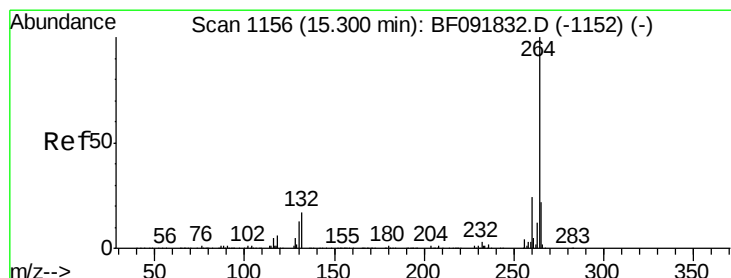
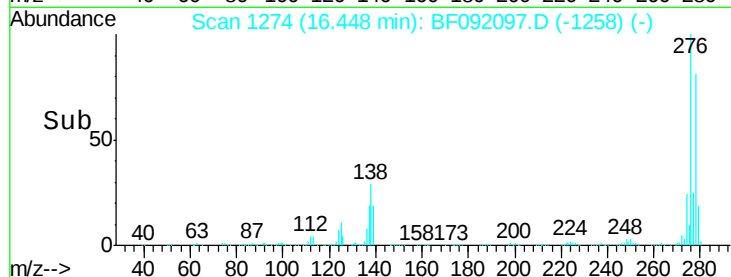
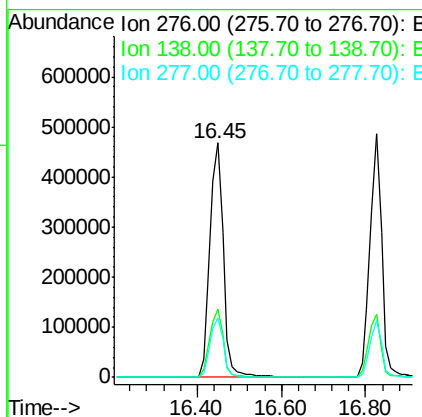
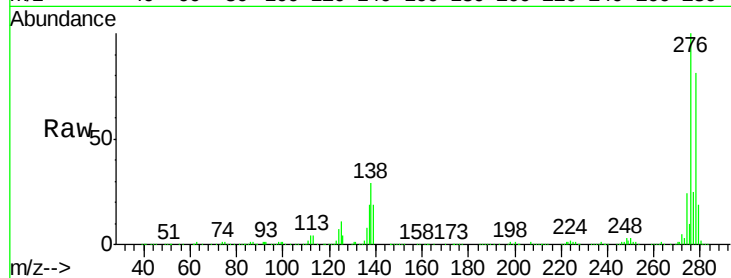
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.13 ng
RT: 16.45 min Scan# 1274
Delta R.T. -0.12 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	21.8	32.6
277	25.2	20.2	30.4

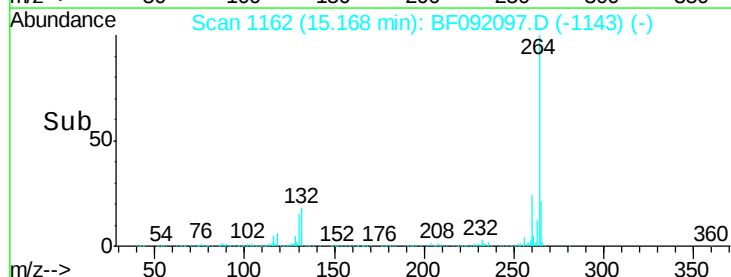
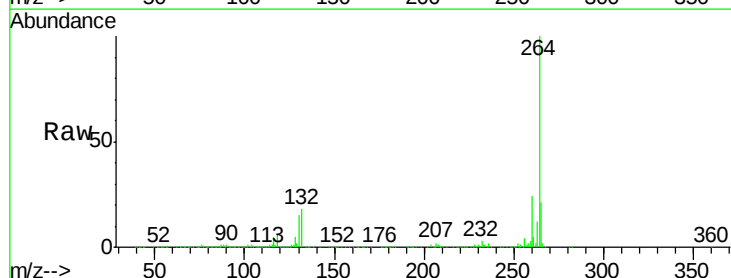
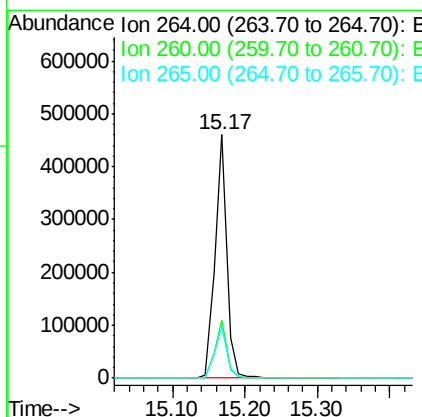
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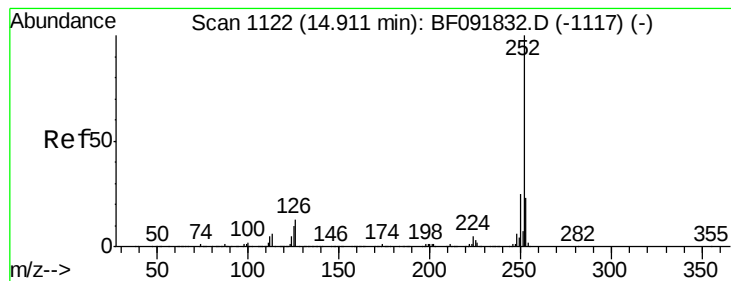
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.86 ng m

RT: 14.79 min Scan# 1129

Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Instrument :

BNA_F

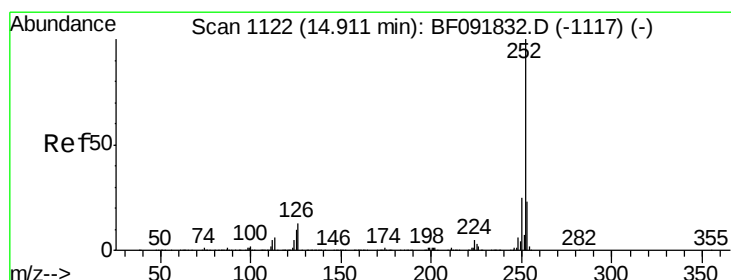
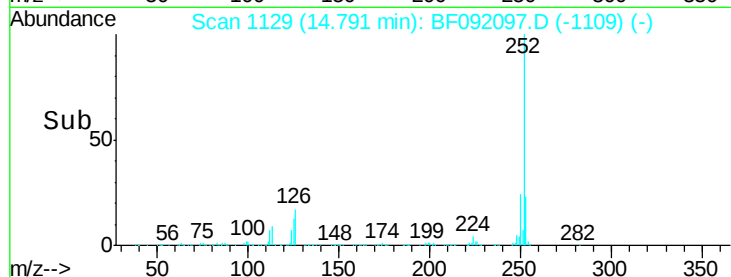
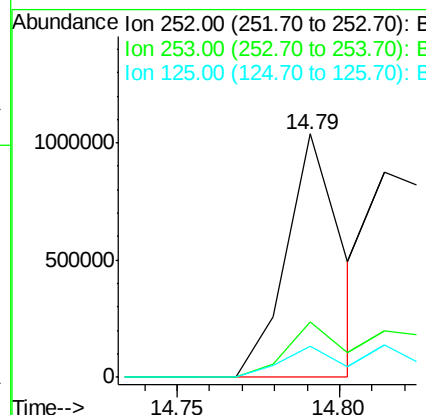
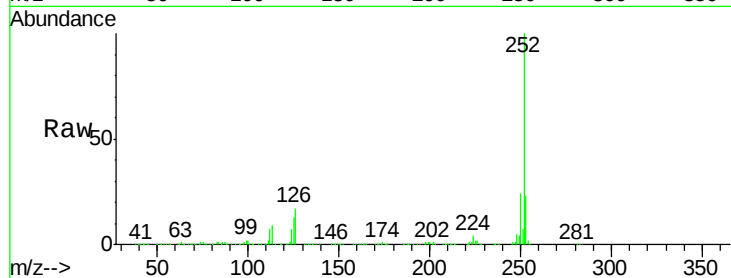
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	1229961
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.9	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 43.54 ng m

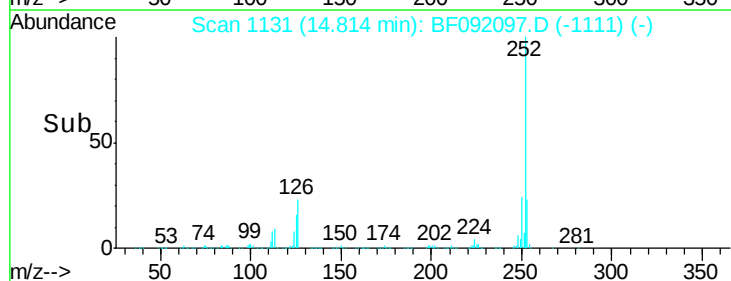
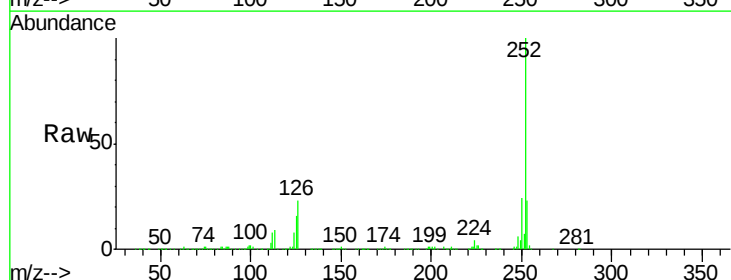
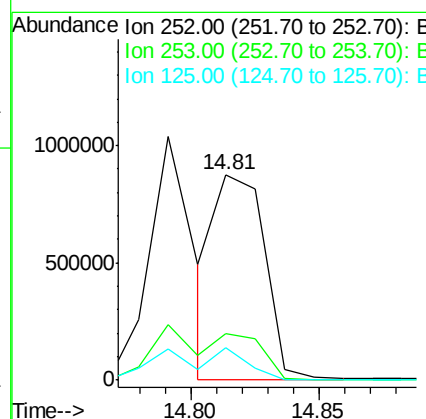
RT: 14.81 min Scan# 1131

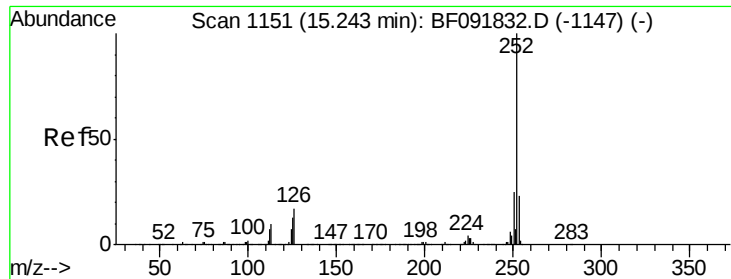
Delta R.T. -0.07 min

Lab File: BF092097.D

Acq: 5 Jan 2017 18:37

Tgt Ion:	252	Resp:	1206255
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	15.8	8.9	13.3#





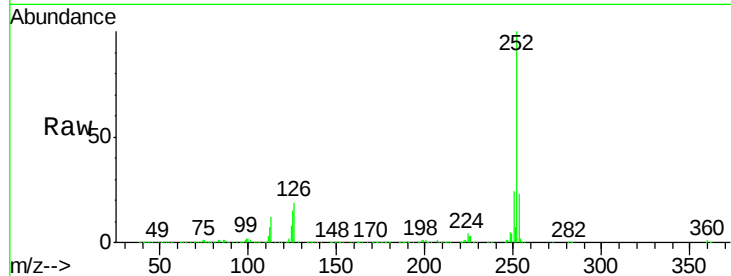
#89
Benzo(a)pyrene
Concen: 40.48 ng
RT: 15.11 min Scan# 1157
Delta R.T. -0.09 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

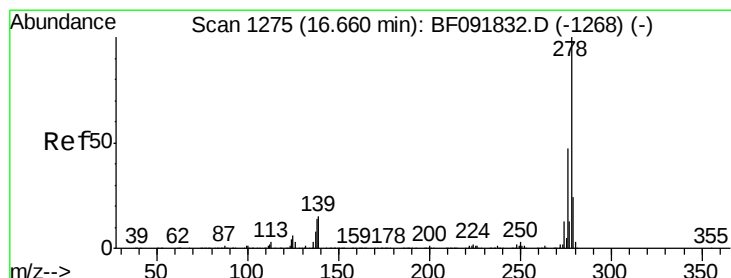
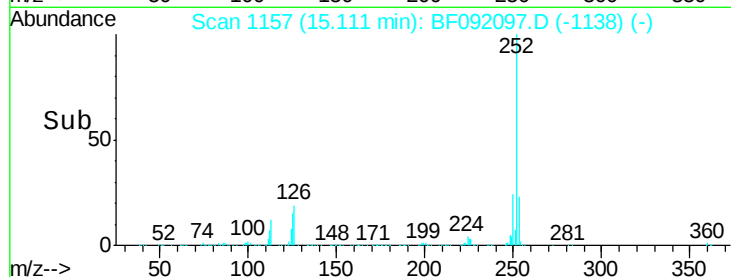
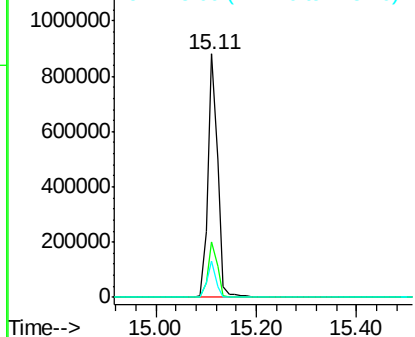
Tot Ion:252 Resp: 1167059
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 15.0 10.0 15.0

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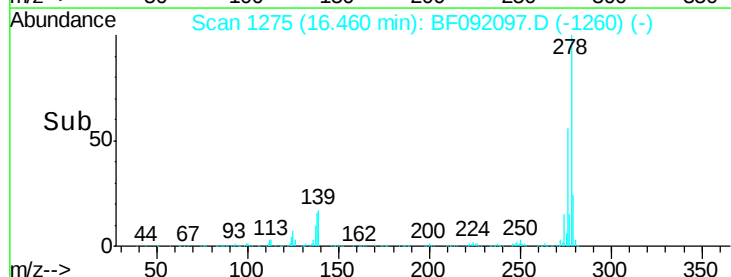
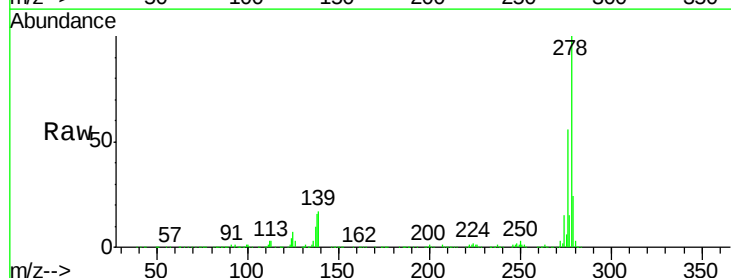
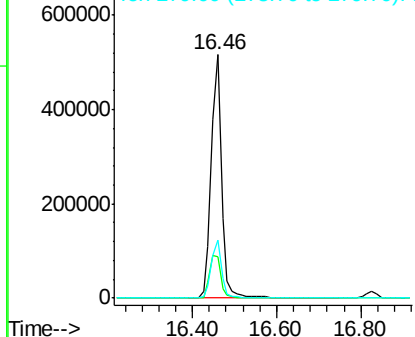
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

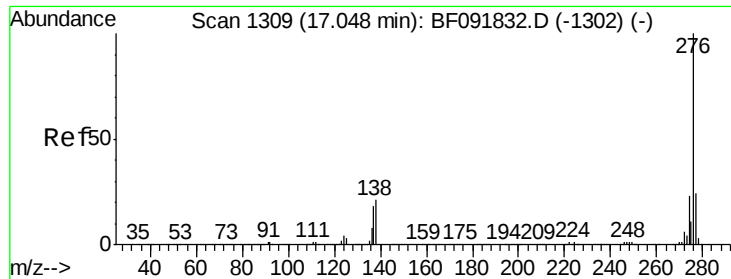


#90
Dibenzo(a,h)anthracene
Concen: 37.26 ng
RT: 16.46 min Scan# 1275
Delta R.T. -0.13 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Tgt Ion:278 Resp: 883161
Ion Ratio Lower Upper
278 100
139 16.9 14.8 22.2
279 24.1 19.8 29.6

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





#91
Benzo(a,h,i)perylene
Concen: 38.89 ng
RT: 16.83 min Scan# 1307
Delta R.T. -0.14 min
Lab File: BF092097.D
Acq: 5 Jan 2017 18:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	19.2	28.8
138	25.8	16.0	24.0

Manual Integrations
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