

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092040.D
 Acq On : 30 Dec 2016 10:47
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/3/2017 9:14:06 AM

Quant Time: Dec 30 17:53:35 2016
 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	6.68	152	225398	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	937017	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	571998	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	949297	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	667654	20.00	ng	-0.03
86) Perylene-d12	15.21	264	627793	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1177405	87.22	ng	-0.03
7) Phenol-d6	6.35	99	1367324	82.96	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1280739	76.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	358869	75.81	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2313185	82.48	ng	-0.03
78) Terphenyl-d14	12.79	244	2121199	77.05	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.16	88	223232	33.59	ng	97
3) Pyridine	2.82	79	745716	32.15	ng	96
4) n-Nitrosodimethylamine	2.78	42	299267	34.20	ng	98
6) Aniline	6.35	93	897156	41.91	ng	# 55
8) 2-Chlorophenol	6.48	128	679220	44.23	ng	93
9) Benzaldehyde	6.22	77	405158	45.22	ng	96
10) Phenol	6.36	94	899461	47.89	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	698475	46.74	ng	95
12) 1,3-Dichlorobenzene	6.62	146	716907m	43.73	ng	
13) 1,4-Dichlorobenzene	6.70	146	737099	44.18	ng	94
14) 1,2-Dichlorobenzene	6.85	146	603032	41.65	ng	98
15) Benzyl Alcohol	6.84	79	491801	38.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	997381	44.82	ng	89
17) 2-Methylphenol	6.97	107	532354	43.11	ng	# 93
18) Hexachloroethane	7.20	117	248370	40.15	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	531278	48.45	ng	92
20) 3+4-Methylphenols	7.13	107	734179	49.84	ng	# 72
22) Acetophenone	7.10	105	977325	42.29	ng	# 93
24) Nitrobenzene	7.28	77	701011	39.06	ng	96
25) Isophorone	7.52	82	1175156	37.80	ng	95
26) 2-Nitrophenol	7.60	139	371103	41.93	ng	# 84
27) 2,4-Dimethylphenol	7.65	122	532596	36.28	ng	93
28) bis(2-Chloroethoxy)methane	7.73	93	726213	38.52	ng	99
29) 2,4-Dichlorophenol	7.85	162	507730	40.84	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	534817	39.26	ng	95
31) Naphthalene	8.00	128	1851613	43.18	ng	99
32) Benzoic acid	7.79	122	442681	40.66	ng	98
33) 4-Chloroaniline	8.05	127	756751	39.13	ng	99
34) Hexachlorobutadiene	8.11	225	292451	40.67	ng	99
35) Caprolactam	8.43	113	155689	38.11	ng	# 65
36) 4-Chloro-3-methylphenol	8.56	107	604318	42.25	ng	# 84
37) 2-Methylnaphthalene	8.68	142	1147470	43.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	548928	37.98	ng	99
40) Hexachlorocyclopentadiene	8.84	237	220996	36.61	ng	96

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 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)
42) 2,4,6-Trichlorophenol	8.97	196	380256	37.62	nq	94
43) 2,4,5-Trichlorophenol	9.01	196	388609	37.36	nq	99
45) 1,1'-Biphenyl	9.15	154	1543704	39.42	nq	98
46) 2-Chloronaphthalene	9.17	162	1259215	40.60	nq	97
47) 2-Nitroaniline	9.28	65	429818	38.92	nq	96
48) Acenaphthylene	9.58	152	1854489	38.88	nq	99
49) Dimethylphthalate	9.46	163	1433901	39.19	nq	98
50) 2,6-Dinitrotoluene	9.52	165	332368	41.51	nq	# 67
51) Acenaphthene	9.76	154	1182658	36.57	nq	99
52) 3-Nitroaniline	9.69	138	380202	38.37	nq	100
53) 2,4-Dinitrophenol	9.80	184	162389	36.45	nq	95
54) Dibenzofuran	9.93	168	1503413	34.42	nq	100
55) 4-Nitrophenol	9.87	139	284216	42.24	nq	96
56) 2,4-Dinitrotoluene	9.93	165	419091	41.70	nq	93
57) Fluorene	10.27	166	1260674	39.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	339253	41.24	nq	100
59) Diethylphthalate	10.16	149	1421438	40.01	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	567625	40.80	nq	# 77
61) 4-Nitroaniline	10.30	138	435309	42.39	nq	92
62) Azobenzene	10.42	77	1618804	41.38	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	249849	43.53	nq	# 40
65) n-Nitrosodiphenylamine	10.38	169	1071962	38.05	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	374412	37.92	nq	99
67) Hexachlorobenzene	10.82	284	427458	40.50	nq	99
68) Atrazine	10.92	200	357875	39.39	nq	98
69) Pentachlorophenol	11.01	266	215194	41.55	nq	99
70) Phenanthrene	11.23	178	2029390	39.43	nq	99
71) Anthracene	11.28	178	1867966	39.17	nq	99
72) Carbazole	11.44	167	1694020	37.05	nq	99
73) Di-n-butylphthalate	11.78	149	2357925	48.68	nq	# 98
74) Fluoranthene	12.41	202	1846296	40.50	nq	100
76) Benzidine	12.53	184	811803	48.67	nq	98
77) Pyrene	12.64	202	1936188	39.53	nq	100
79) Butylbenzylphthalate	13.27	149	922753	41.42	nq	98
80) Benzo(a)anthracene	13.83	228	1697745	45.05	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	617782	43.23	nq	99
82) Chrysene	13.86	228	1453718	38.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1110582	42.33	nq	# 100
84) Di-n-octyl phthalate	14.44	149	2108050	43.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	1286301	39.28	nq	97
87) Benzo(b)fluoranthene	14.83	252	1449130m	37.08	nq	
88) Benzo(k)fluoranthene	14.87	252	1479078m	44.38	nq	
89) Benzo(a)pyrene	15.16	252	1414458	40.77	nq	98
90) Dibenzo(a,h)anthracene	16.52	278	1090681	38.25	nq	99
91) Benzo(g,h,i)perylene	16.90	276	1118836	37.74	nq	# 93

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

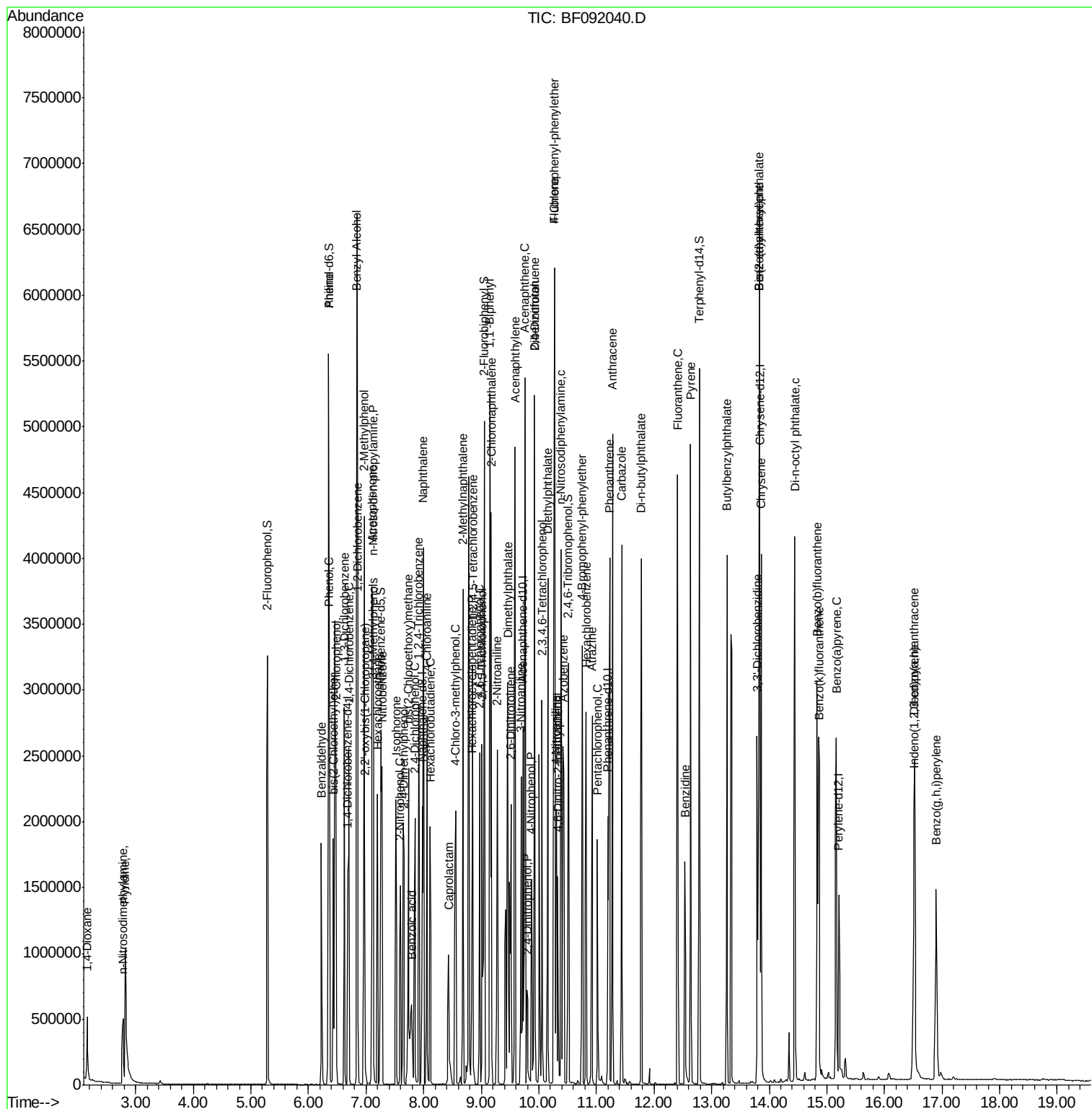
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\  
Data File : BF092040.D  
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Operator  : UM/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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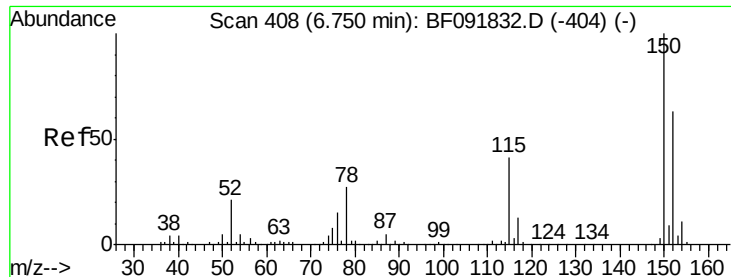
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

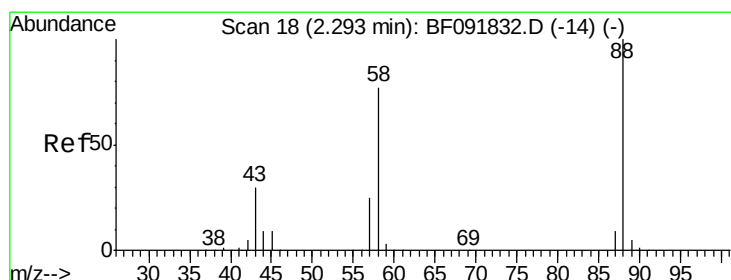
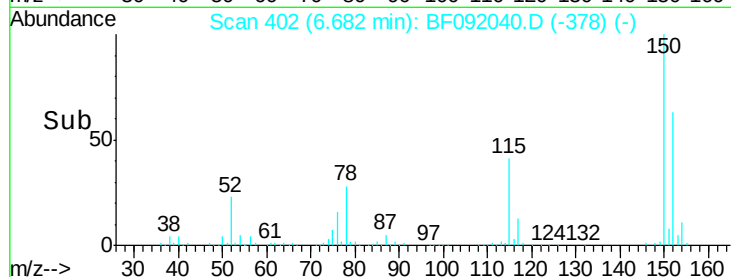
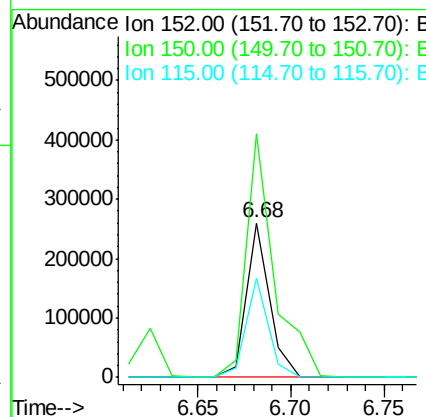
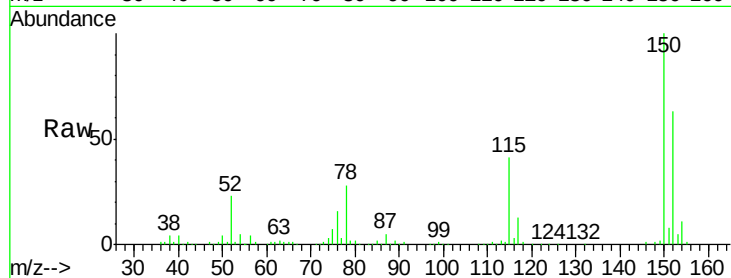
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	63.9	46.0	69.0

Manual Integrations
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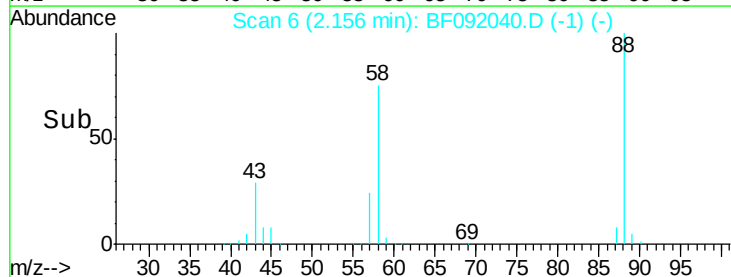
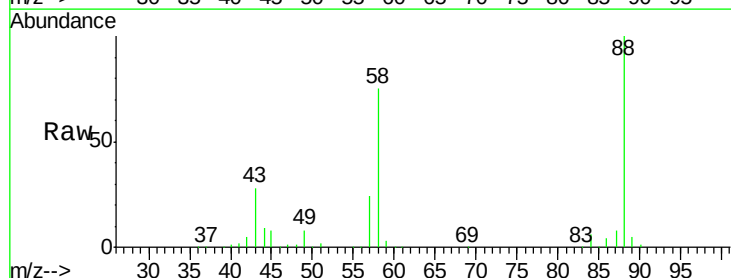
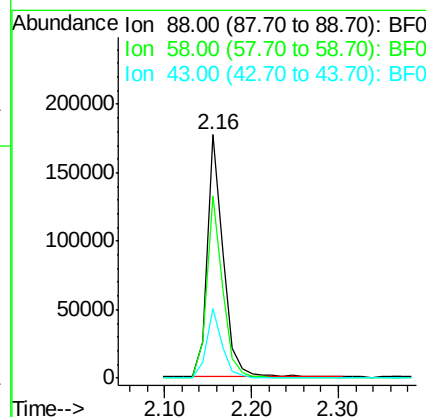
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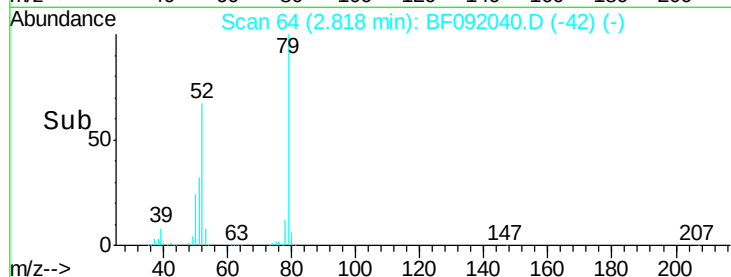
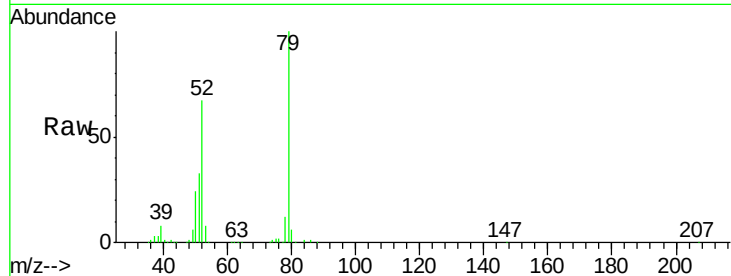
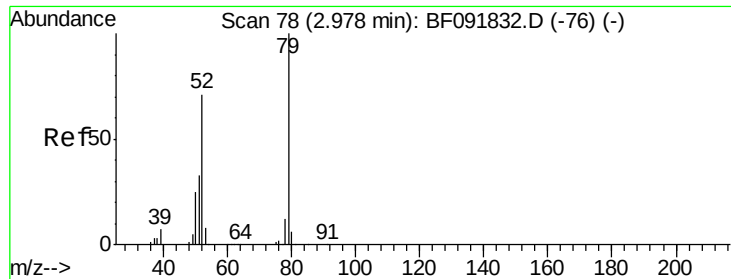


#2

1,4-Dioxane
Concen: 33.59 ng
RT: 2.16 min Scan# 6
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	57.8	86.8
43	28.2	22.3	33.5





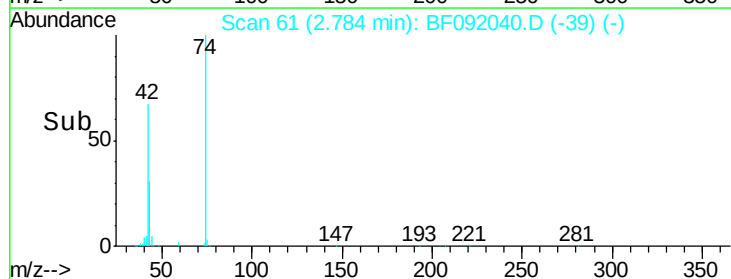
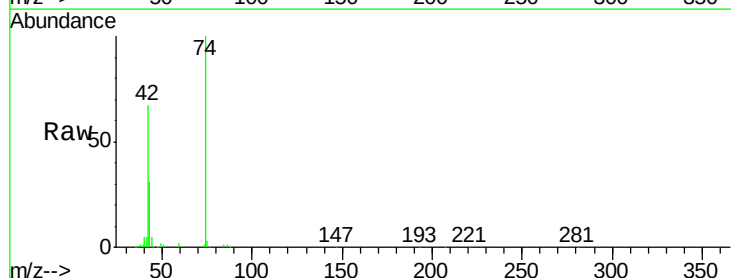
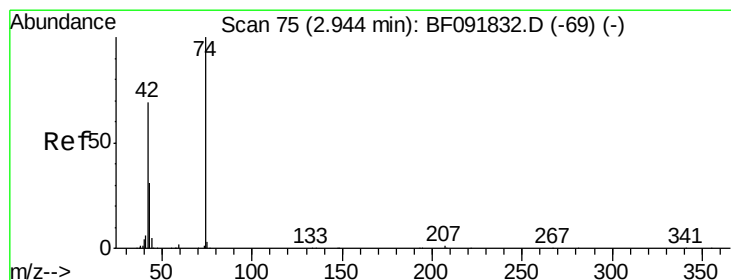
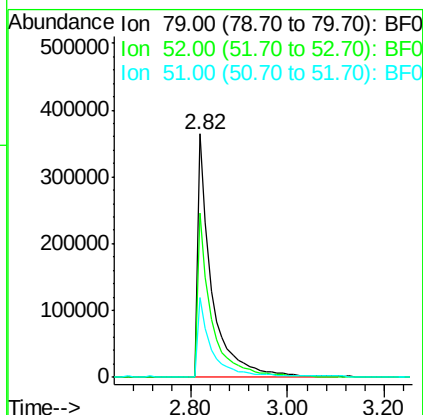
#3
 Pvridine
 Concen: 32.15 ng
 RT: 2.82 min Scan# 64
 Delta R.T. -0.05 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.5	57.1	85.7
51	32.7	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

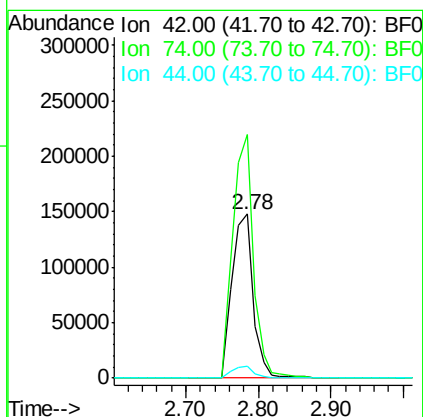
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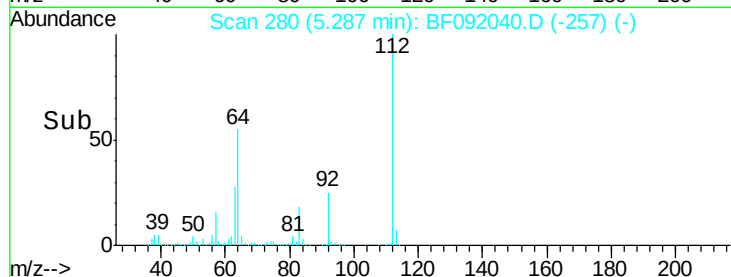
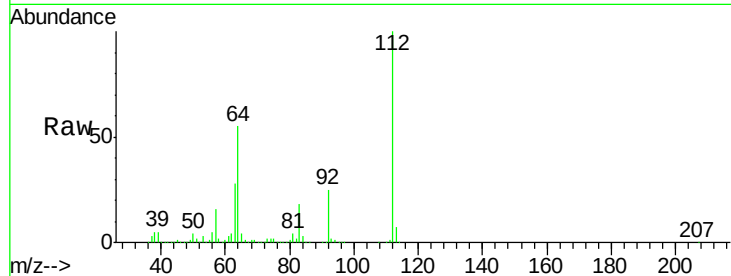
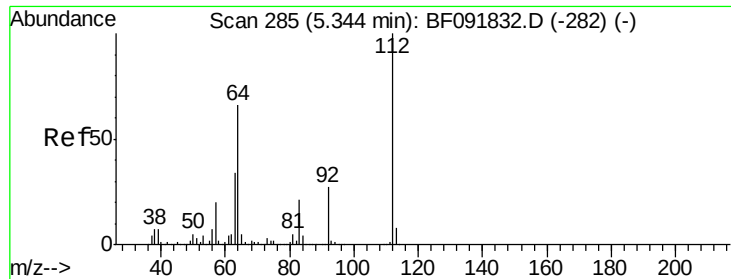
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#4
 n-Nitrosodimethylamine
 Concen: 34.20 ng
 RT: 2.78 min Scan# 61
 Delta R.T. -0.05 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.5	117.0	175.4
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 87.22 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tot Ion:	112	Resp:	1177405
Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.1	69.1
63	27.6	23.8	35.6

Instrument :

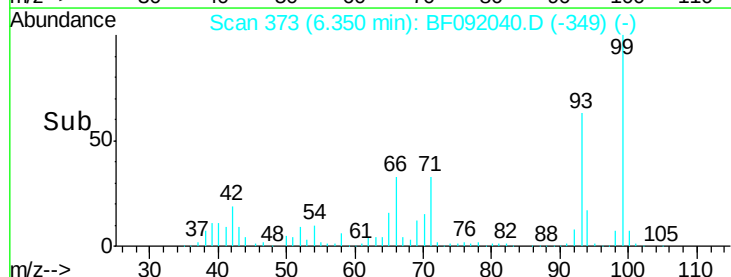
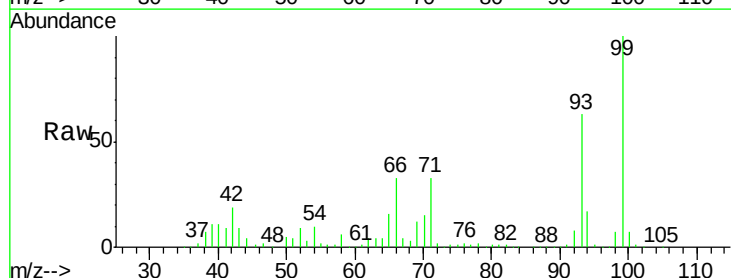
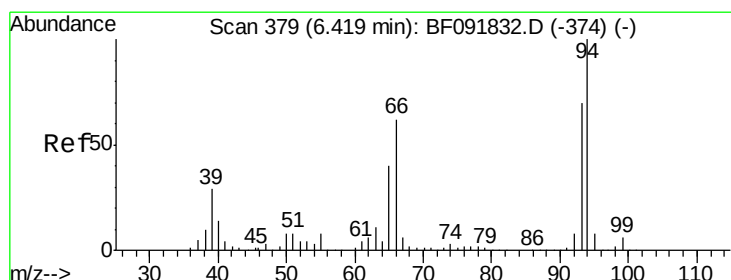
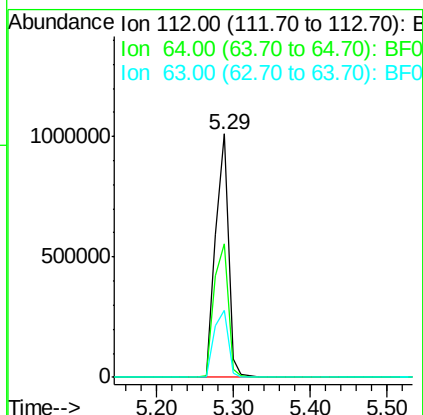
BNA_F

ClientSampled :

SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 41.91 ng

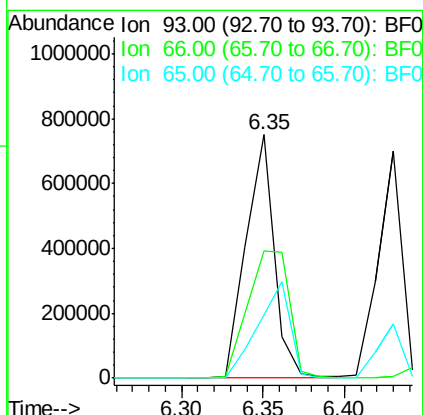
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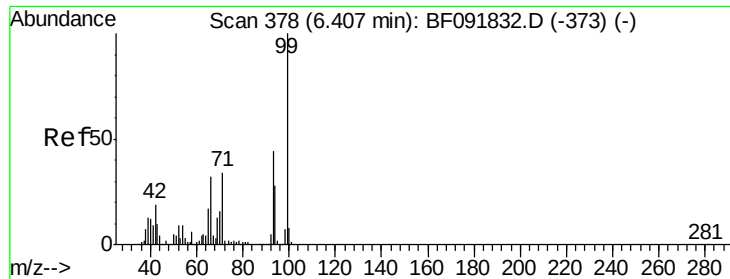
Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion:	93	Resp:	897156
Ion	Ratio	Lower	Upper
93	100		
66	52.0	76.2	114.2#
65	25.8	49.3	73.9#





#7

Phenol-d6

Concen: 82.96 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1367324

Ion Ratio Lower Upper

99 100

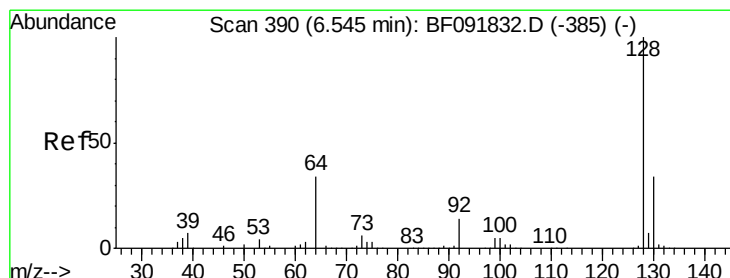
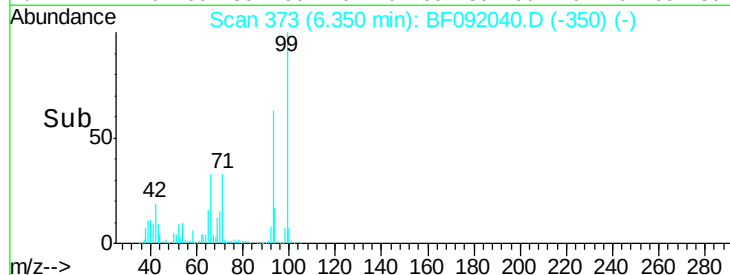
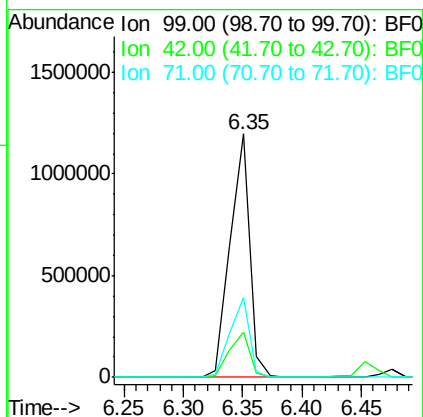
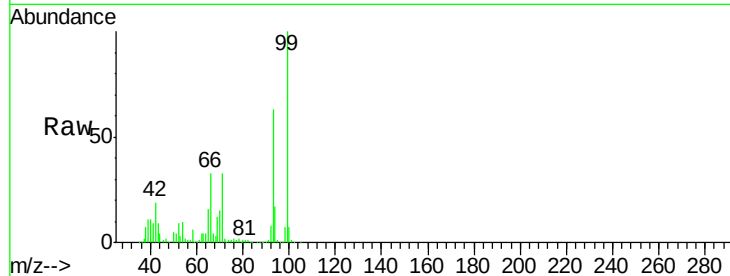
42 18.6 15.6 23.4

71 32.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 44.23 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

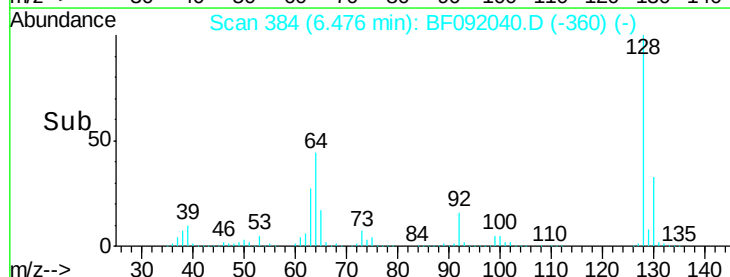
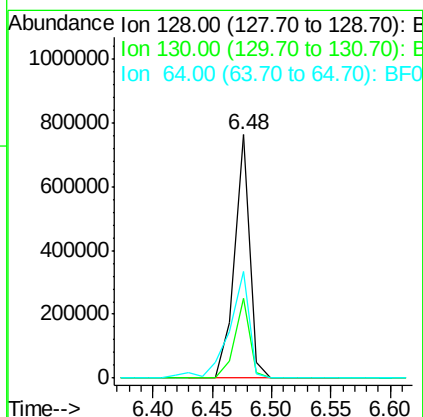
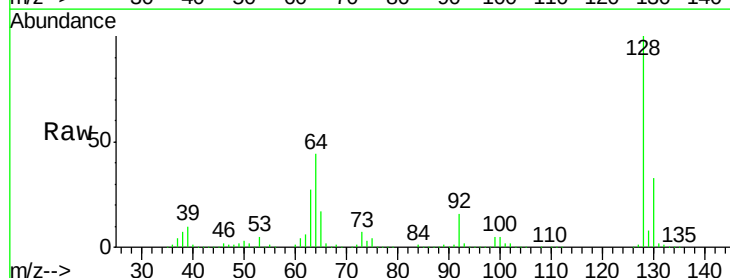
Tgt Ion: 128 Resp: 679220

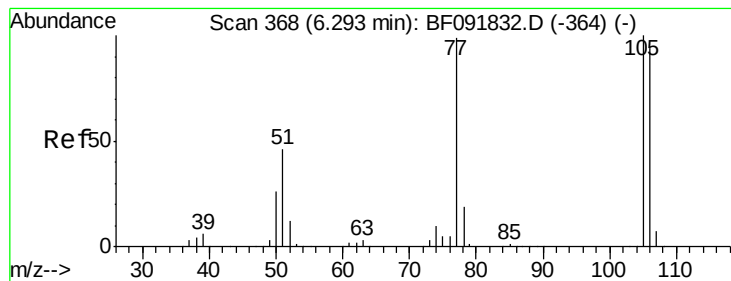
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 44.0 32.2 72.2





#9

Benzaldehyde

Concen: 45.22 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 405158

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

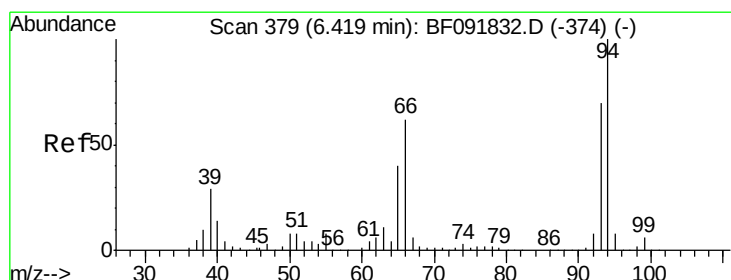
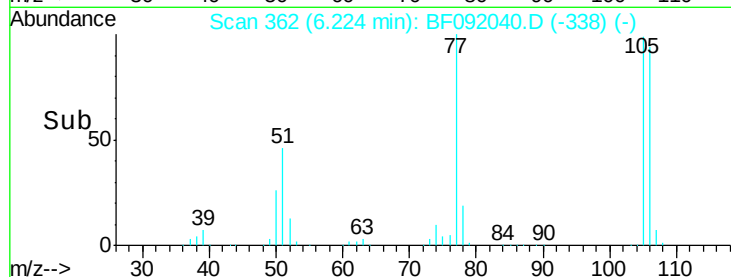
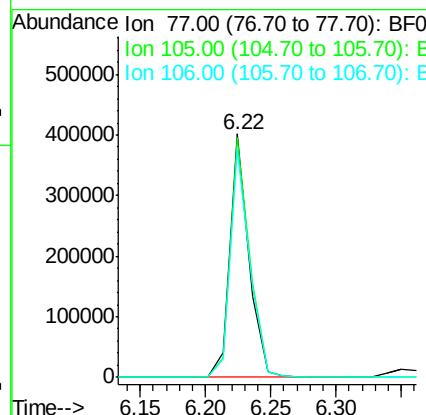
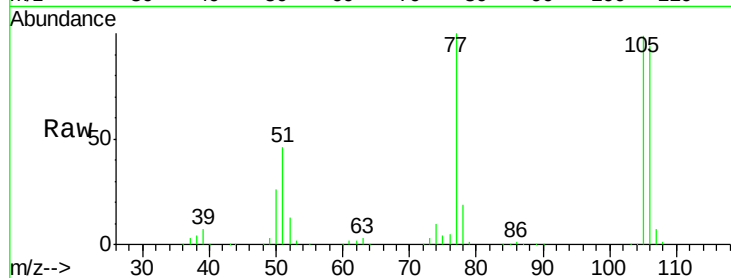
106 93.9 77.6 117.6

Manual Integrations

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#10

Phenol

Concen: 47.89 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

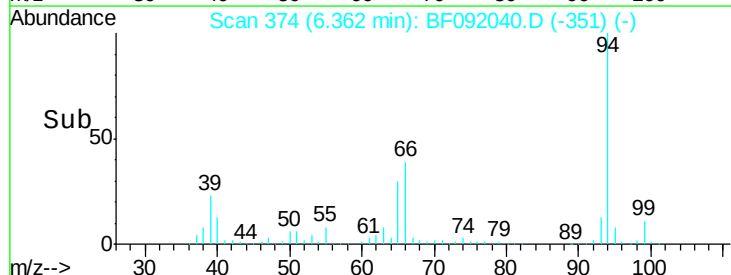
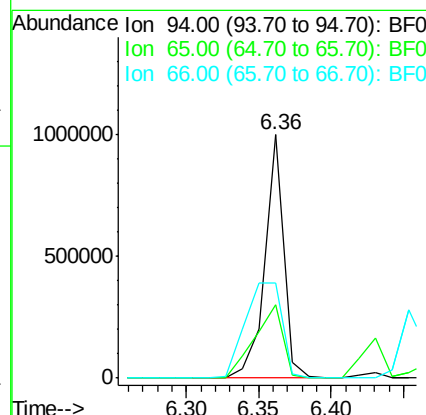
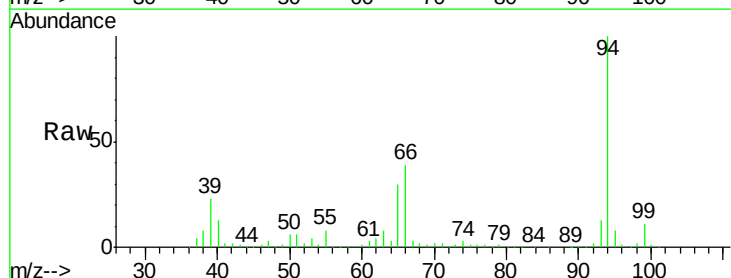
Tgt Ion: 94 Resp: 899461

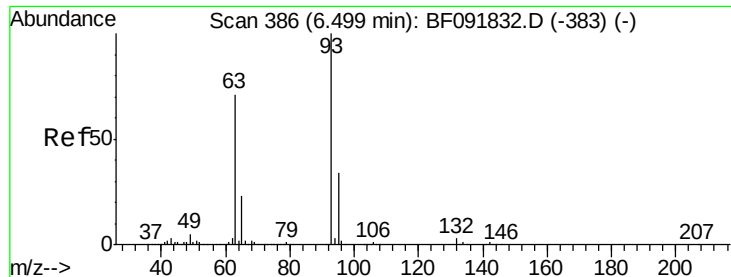
Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

66 38.8 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.74 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

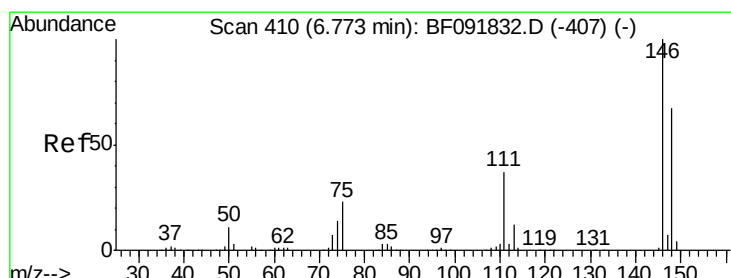
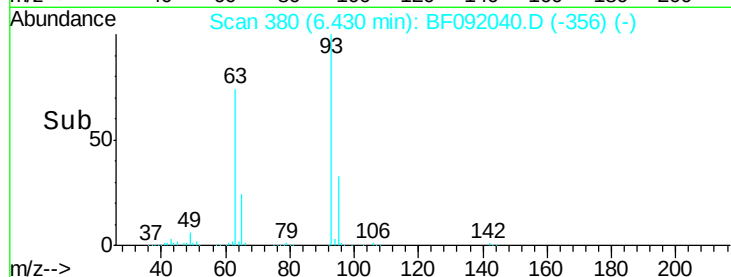
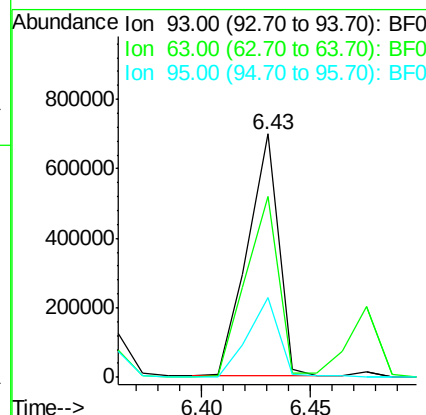
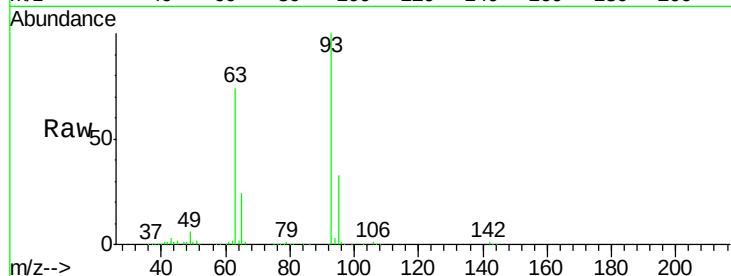
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	698475
Ion Ratio	Lower	Upper	
93	100		
63	74.2	60.4	100.4
95	33.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.73 ng m

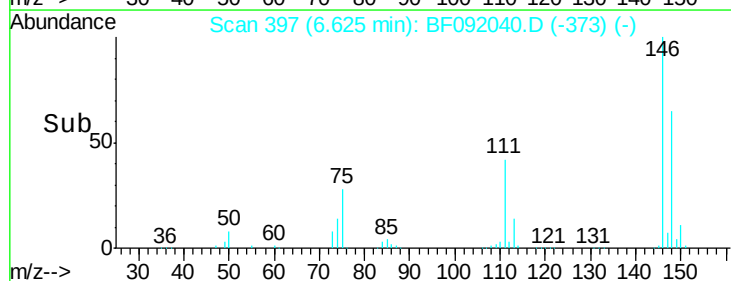
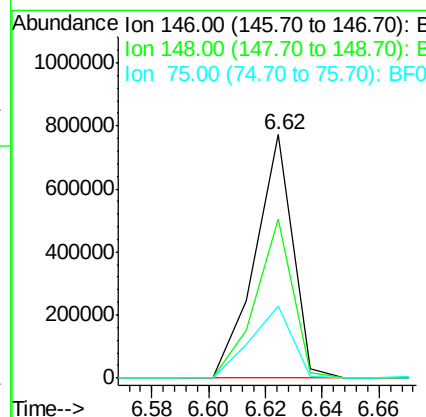
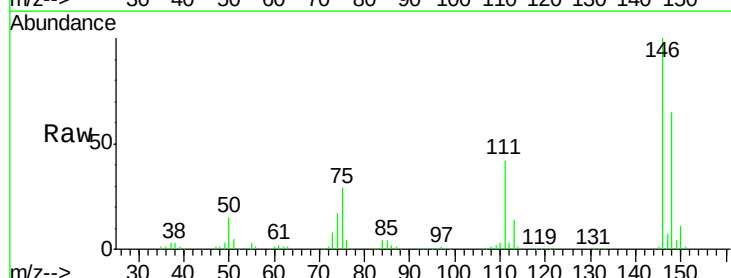
RT: 6.62 min Scan# 397

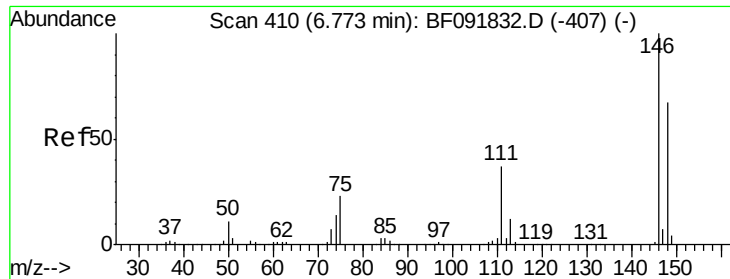
Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion:	146	Resp:	716907
Ion Ratio	Lower	Upper	
146	100		
148	65.1	53.4	80.0
75	29.4	18.5	27.7#





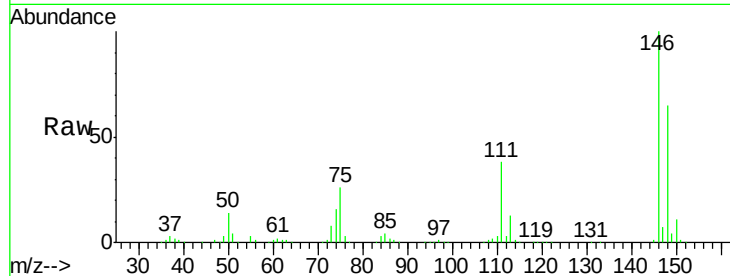
#13
 1,4-Dichlorobenzene
 Concen: 44.18 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	76.0
111	38.2	36.2	54.4

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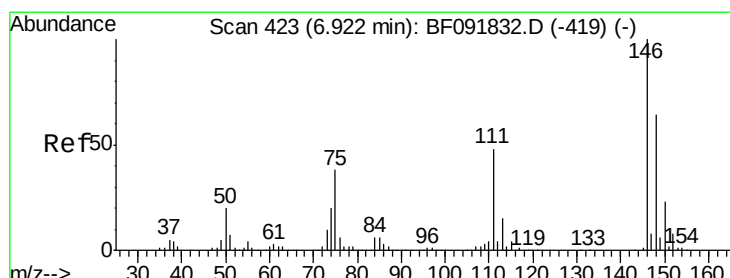
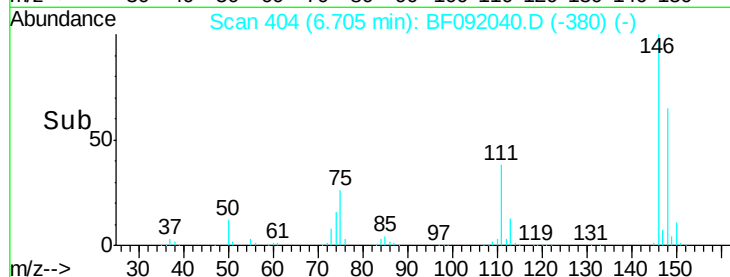
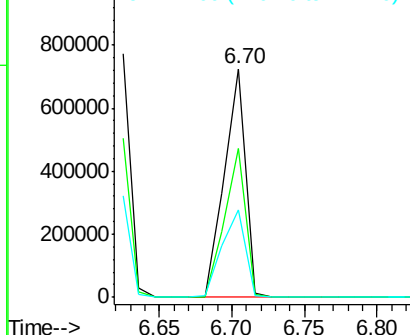


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.65 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

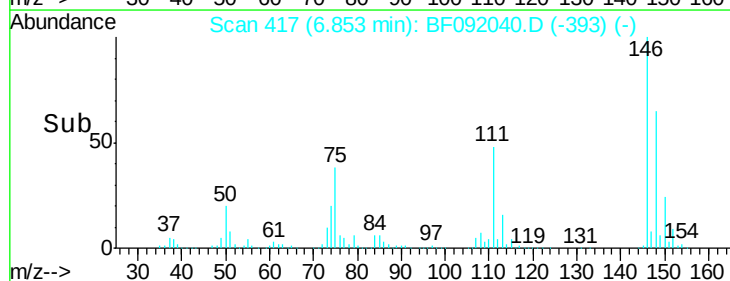
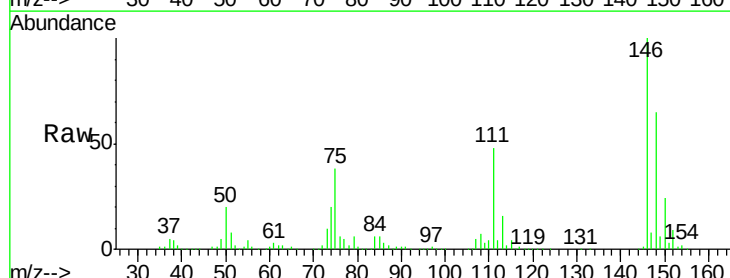
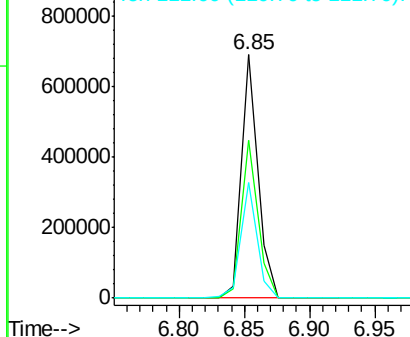
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	47.7	36.2	54.2

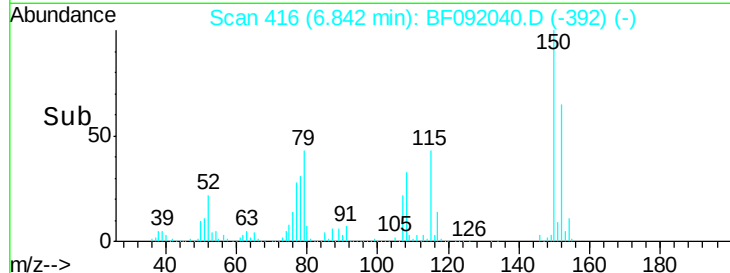
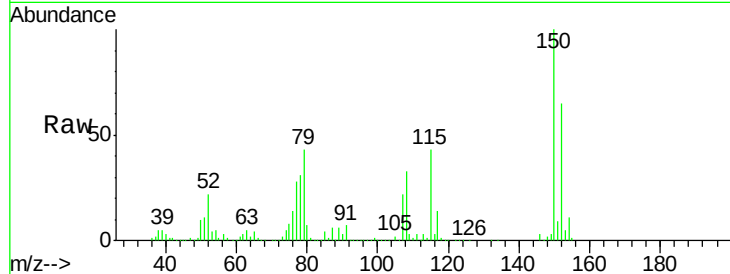
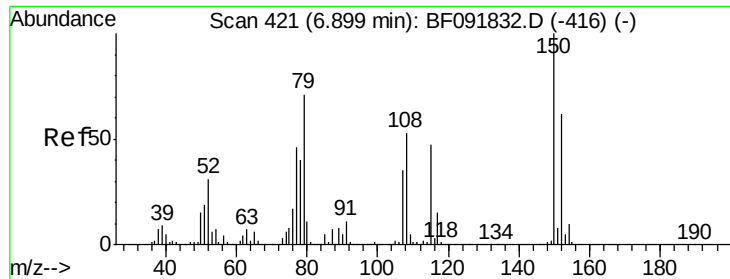
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





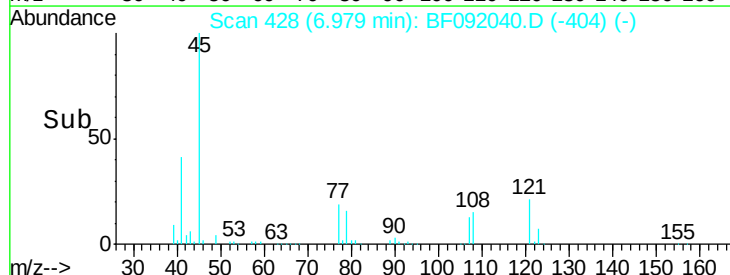
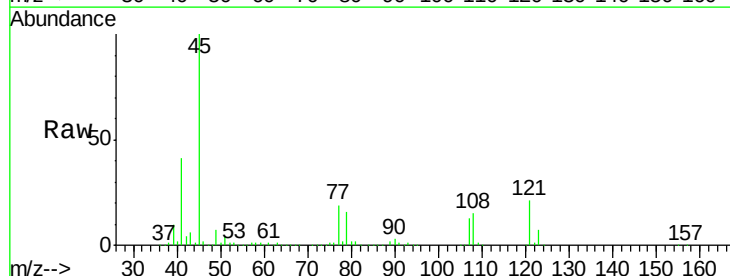
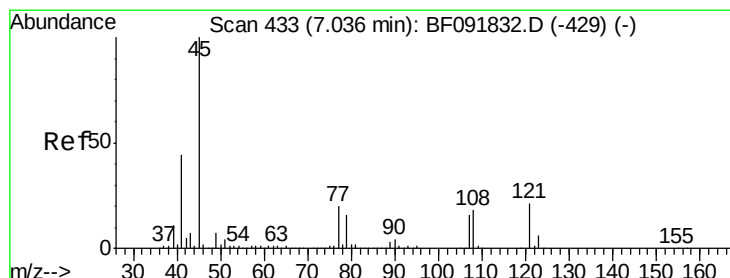
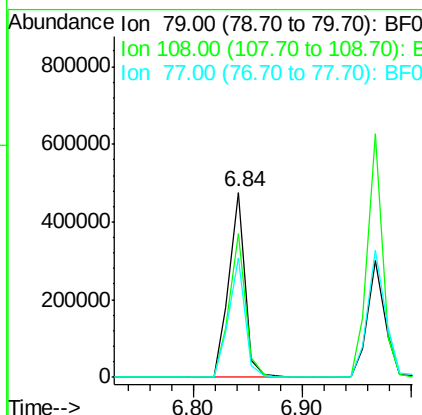
#15
Benzyl Alcohol
Concen: 38.40 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	77.6	61.4	92.0		
77	64.8	50.9	76.3		

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

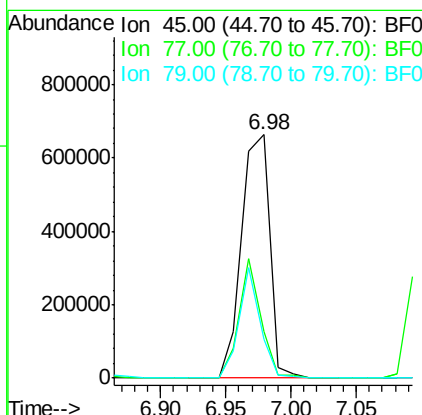
Manual Integrations
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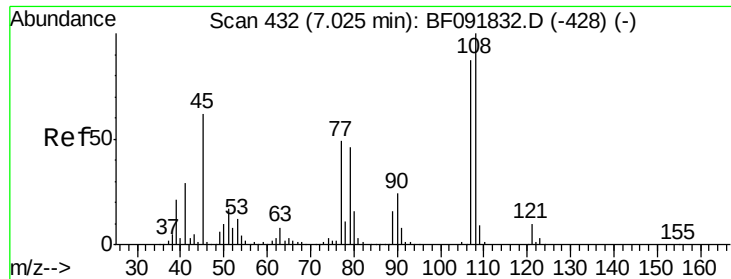
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.82 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	19.0	0.0	34.6		
79	16.0	0.0	31.2		





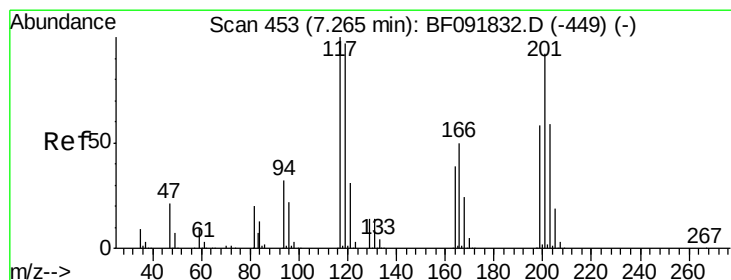
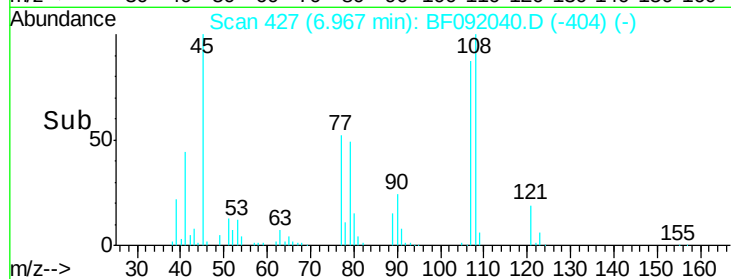
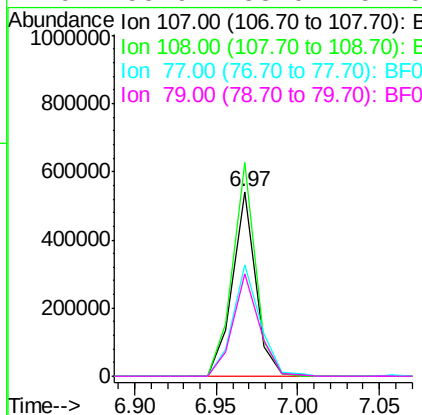
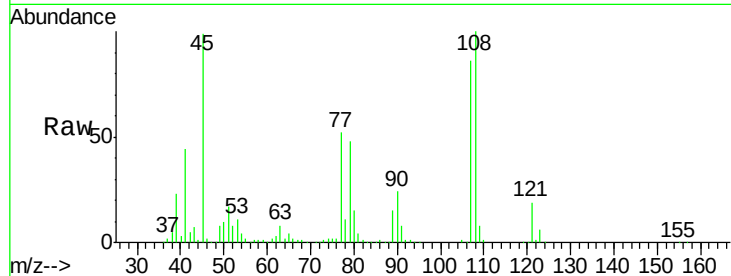
#17
2-Methylphenol
Concen: 43.11 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	93.0	139.6	
77	60.3	39.8	59.8	
79	55.9	38.0	57.0	

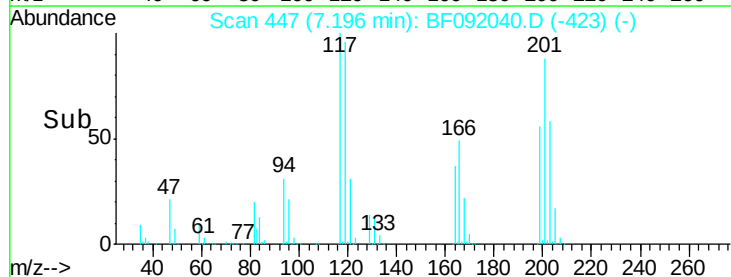
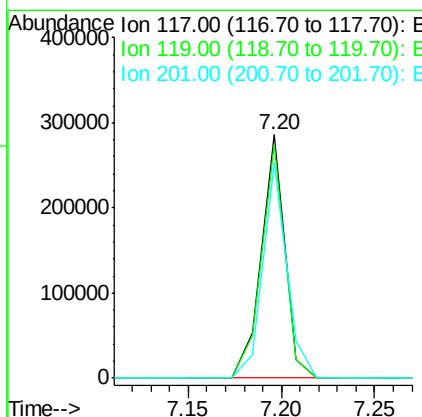
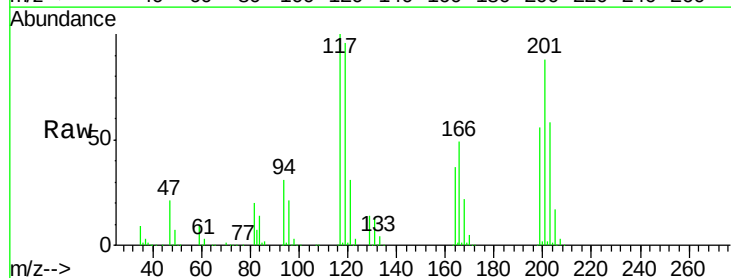
Manual Integrations
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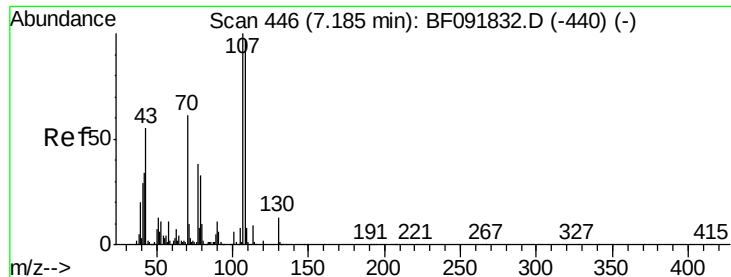
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#18
Hexachloroethane
Concen: 40.15 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	78.1	117.1	
201	88.5	78.6	117.8	





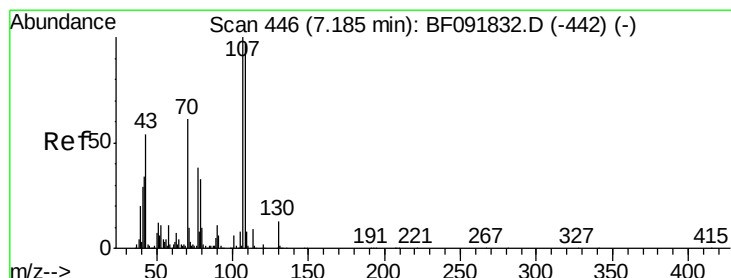
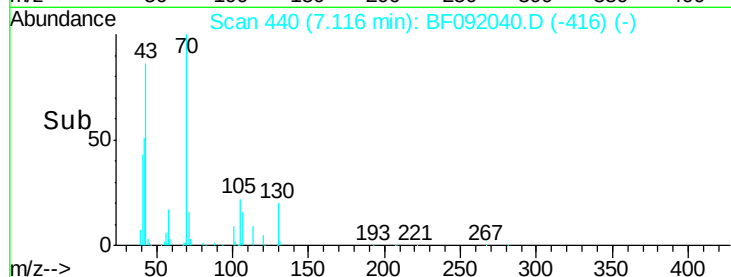
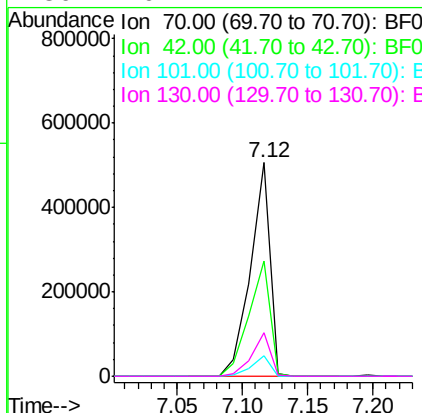
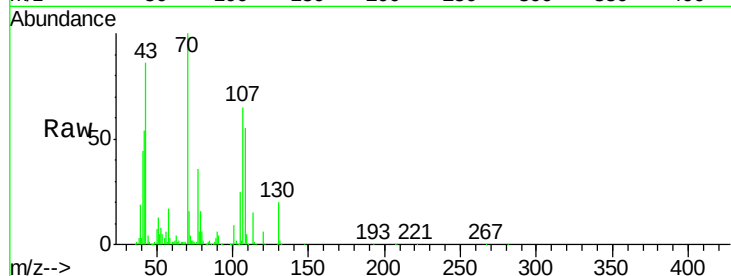
#19
n-Nitroso-di-n-propylamine
Concen: 48.45 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	49.4	74.0
101	9.4	7.4	11.2
130	20.4	14.2	21.4

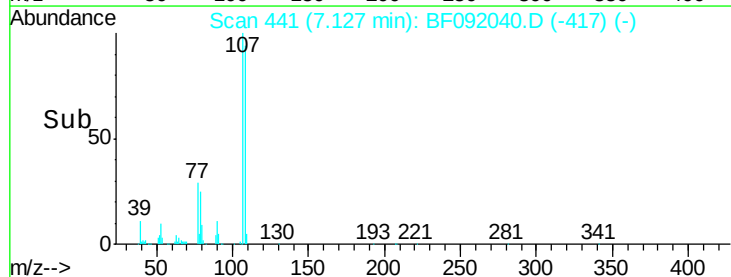
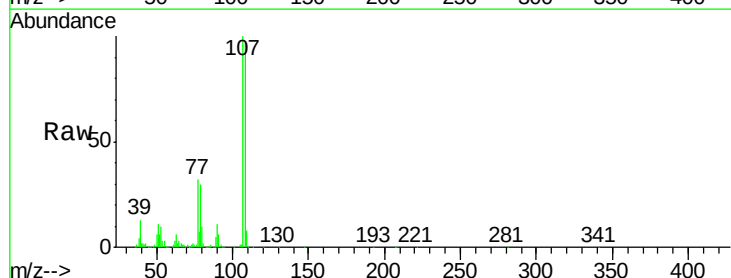
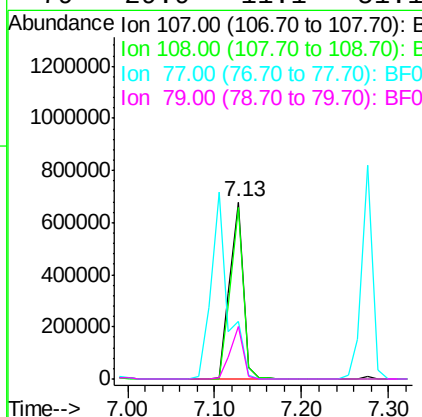
Manual Integrations
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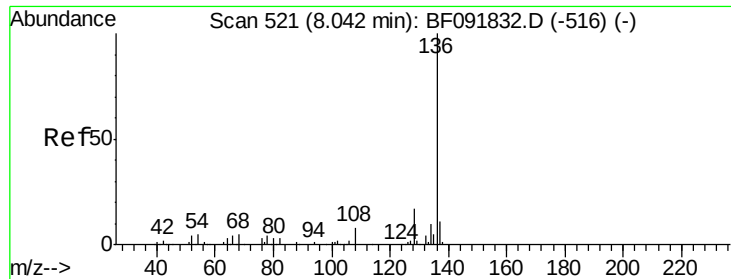
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#20
3+4-Methylphenols
Concen: 49.84 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.5	73.0	113.0
77	32.3	71.3	111.3#
79	29.9	11.1	51.1





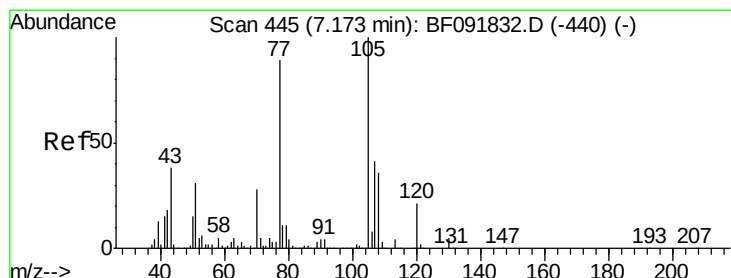
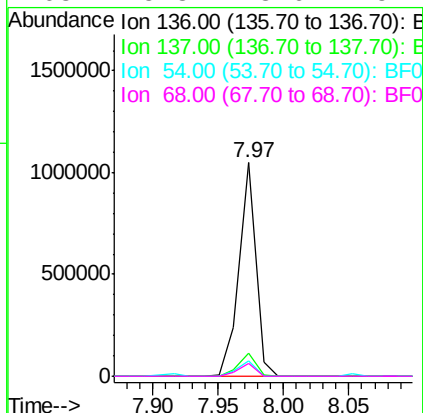
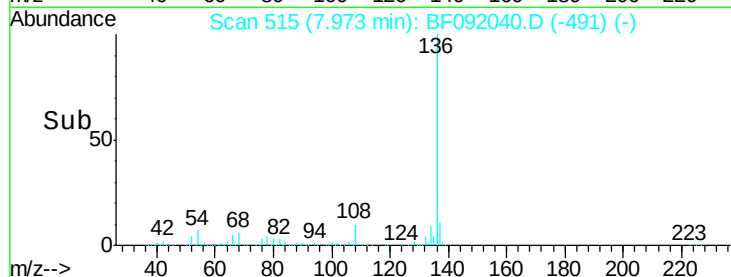
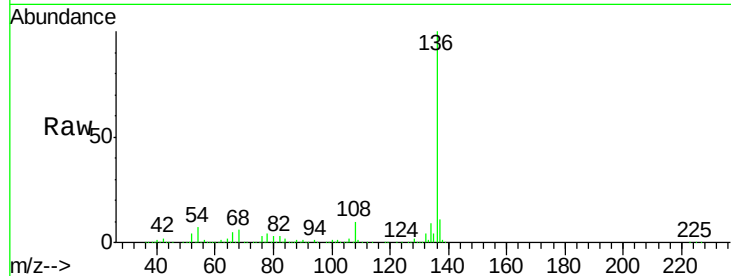
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	7.1	4.5	6.7#	
68	5.8	3.6	5.4#	

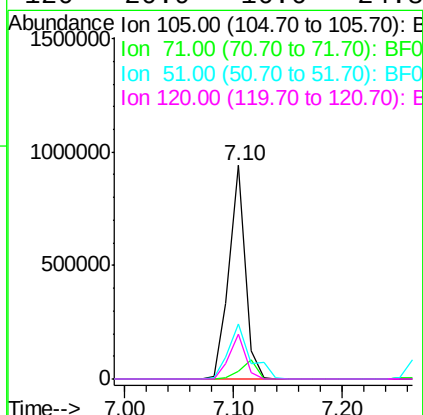
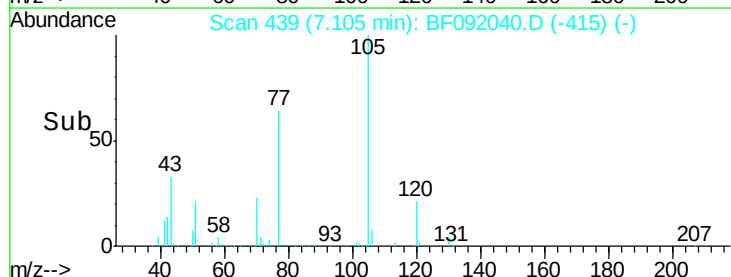
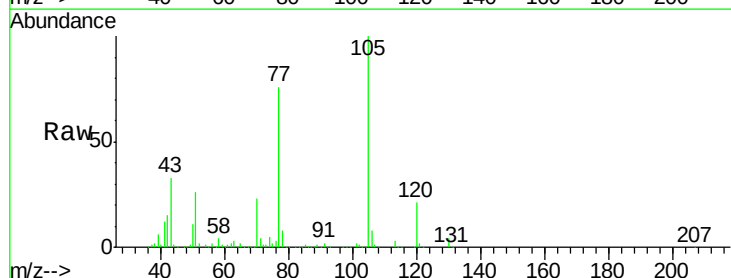
Manual Integrations
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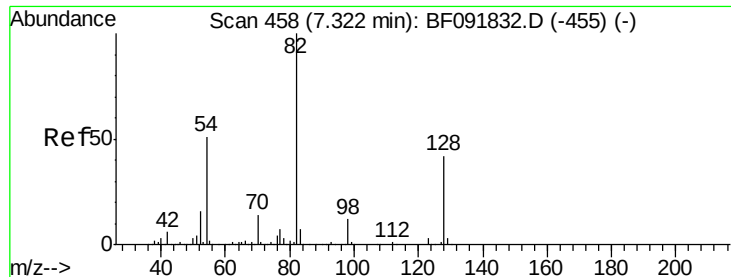
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#22
Acetophenone
Concen: 42.29 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	3.2	4.8	
51	25.9	26.2	39.4#	
120	20.9	16.6	24.8	





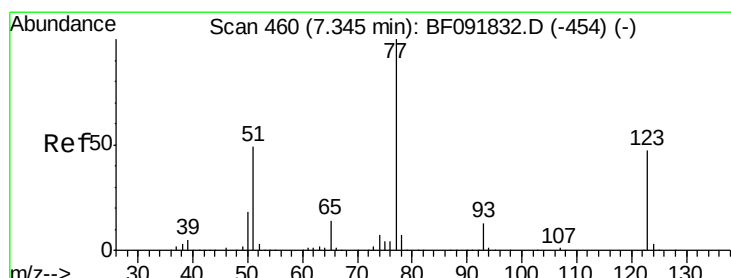
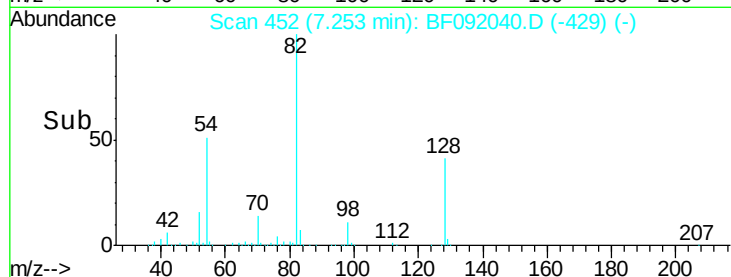
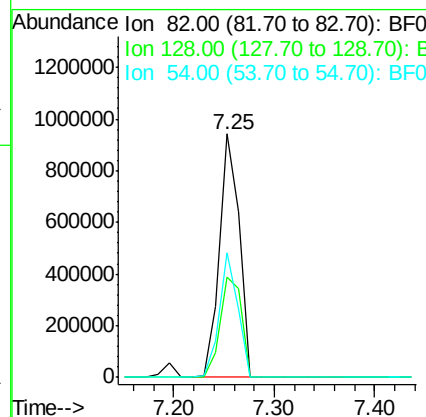
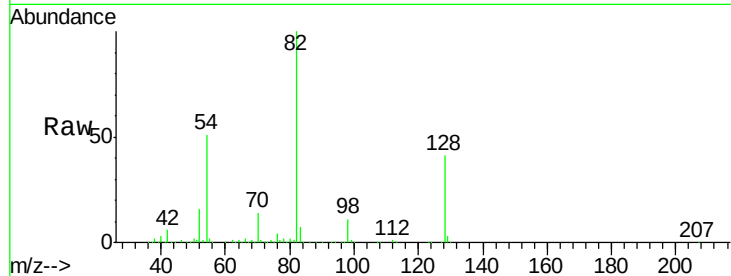
#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1280739
Ion Ratio Lower Upper
82 100
128 41.1 34.6 52.0
54 51.1 39.5 59.3

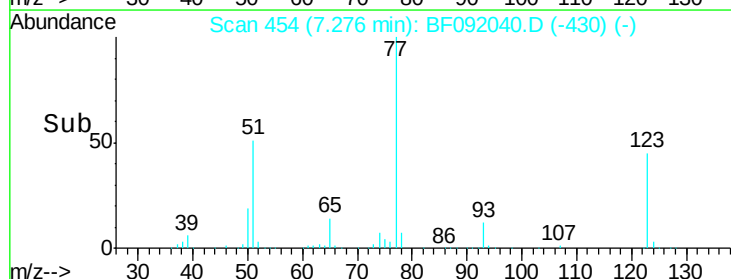
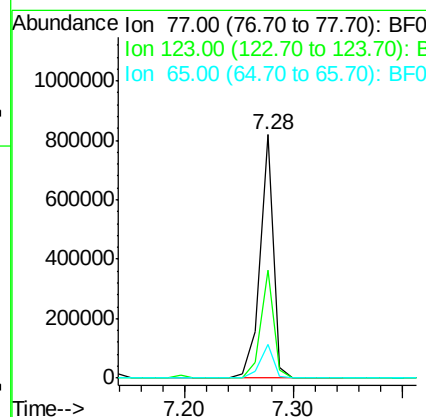
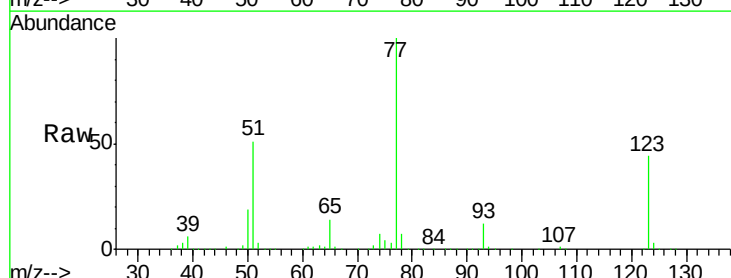
Manual Integrations
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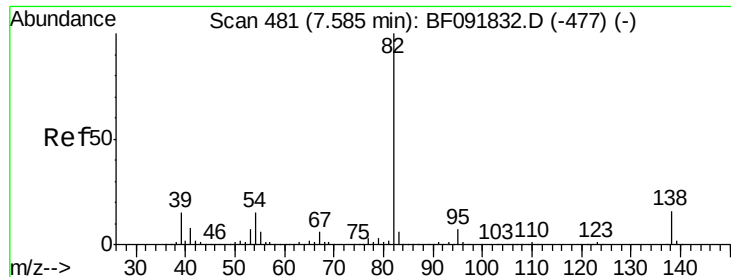
mohammad
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#24
Nitrobenzene
Concen: 39.06 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion: 77 Resp: 701011
Ion Ratio Lower Upper
77 100
123 44.3 33.0 49.4
65 13.7 11.2 16.8





#25

Isophorone

Concen: 37.80 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1175156

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

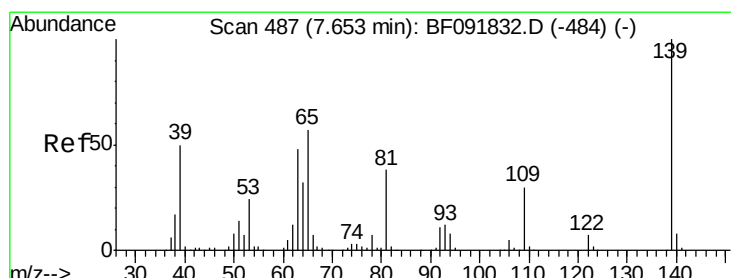
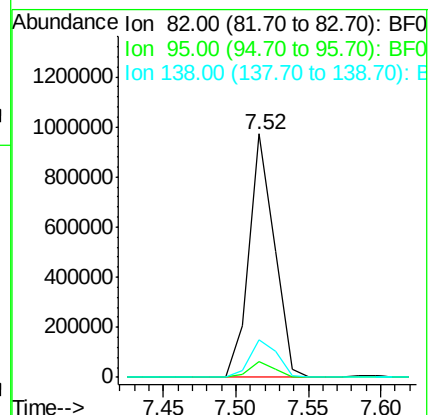
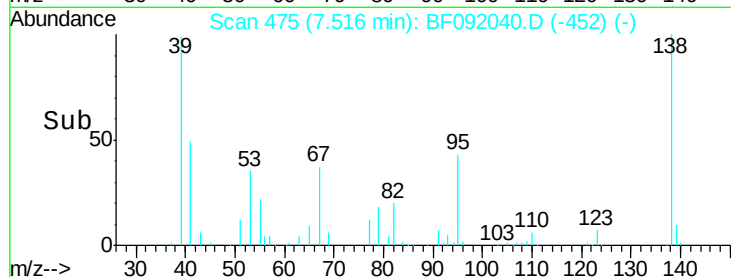
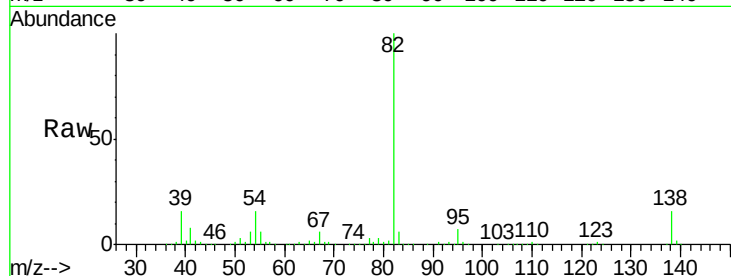
138 15.6 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.93 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

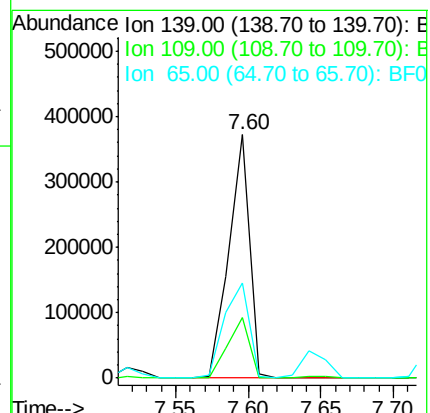
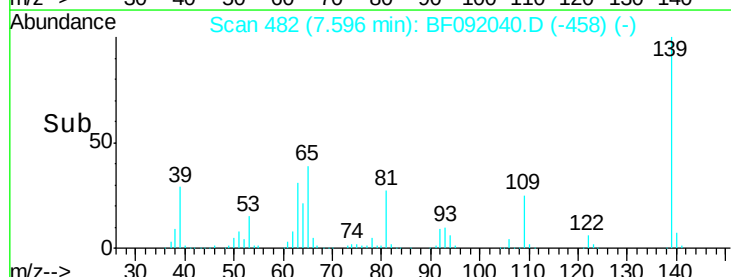
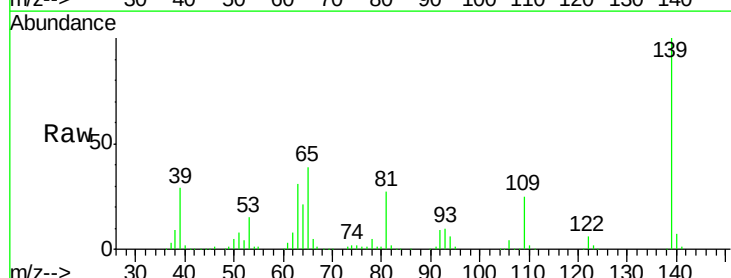
Tgt Ion: 139 Resp: 371103

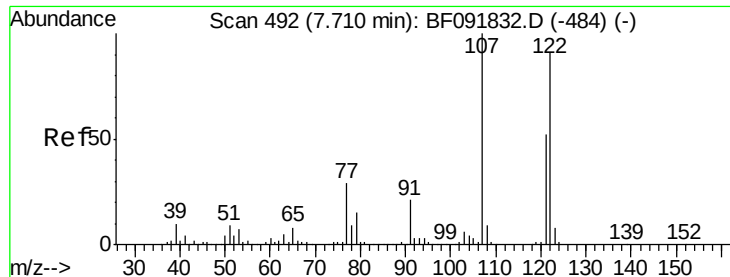
Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

65 38.9 42.7 64.1#





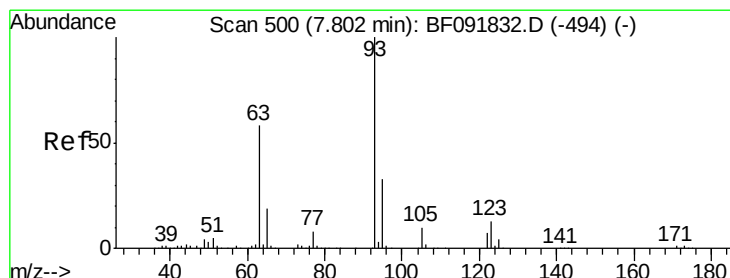
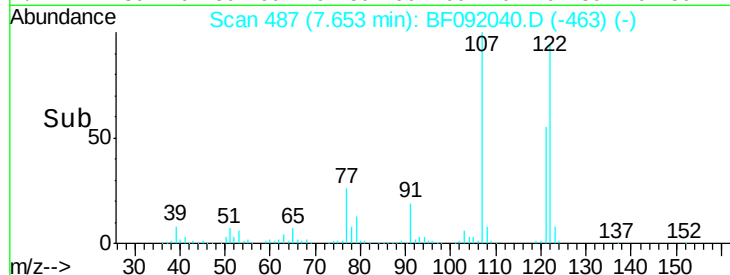
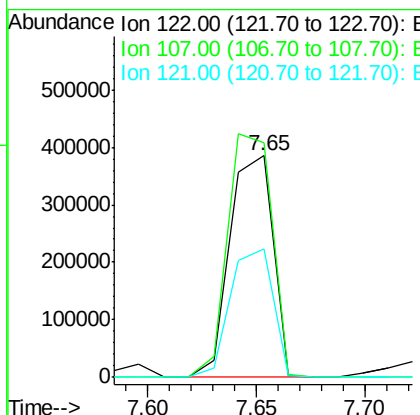
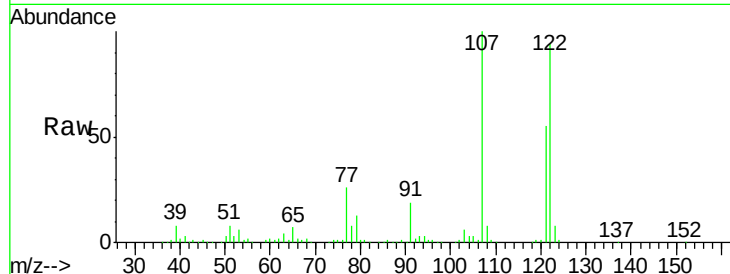
#27
2,4-Dimethylphenol
Concen: 36.28 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	532596		
107	106.1		94.1	141.1
121	57.9		46.0	69.0

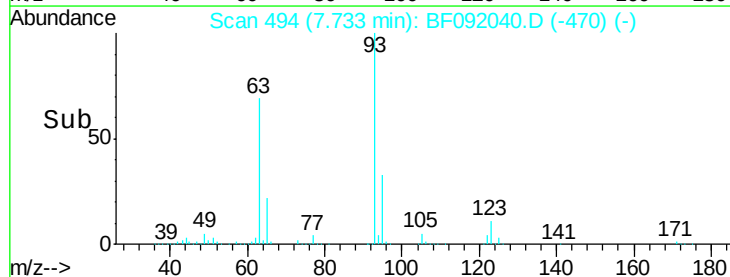
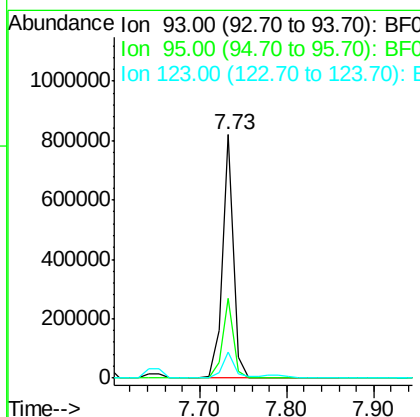
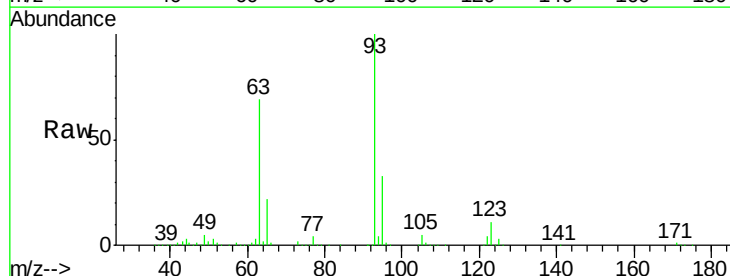
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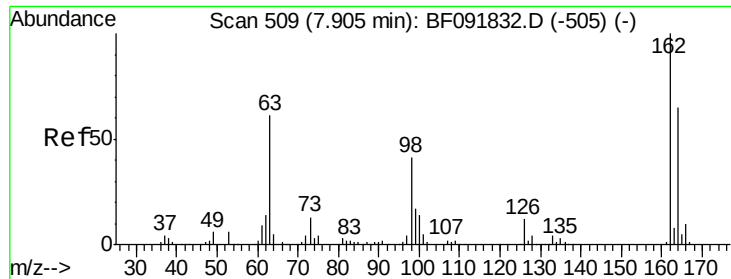
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.52 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	726213		
95	32.8		26.5	39.7
123	10.7		8.6	13.0





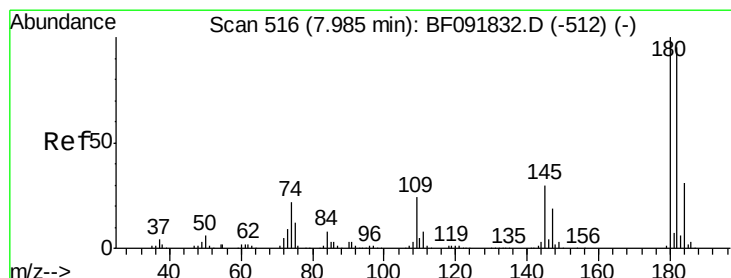
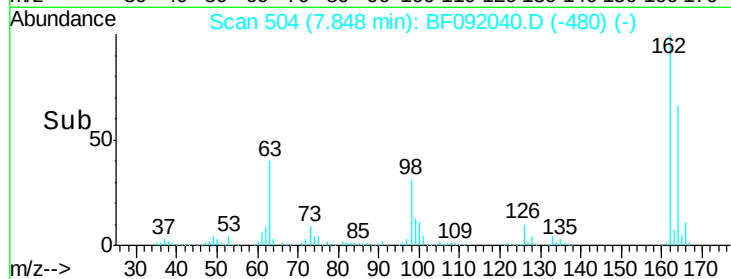
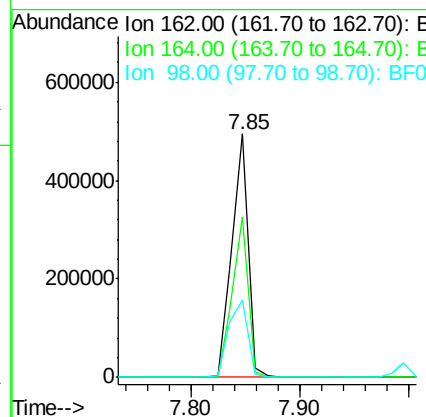
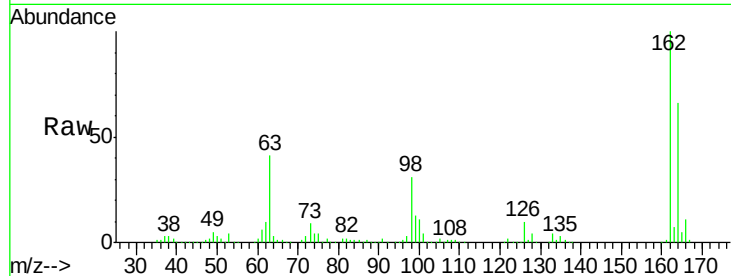
#29
 2,4-Dichlorophenol
 Concen: 40.84 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	507730		
164	65.7	46.8	86.8	
98	31.5	9.1	49.1	

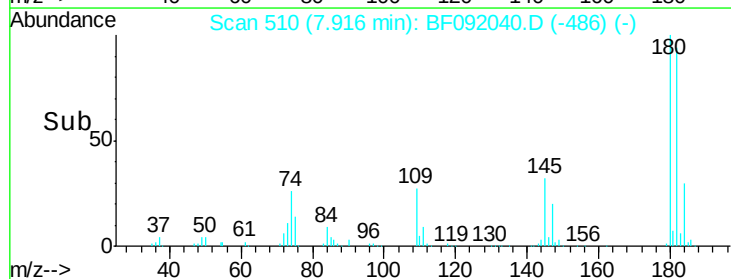
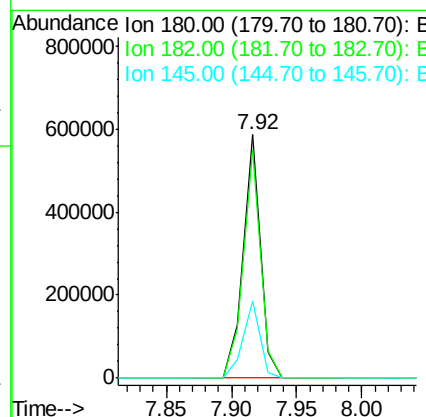
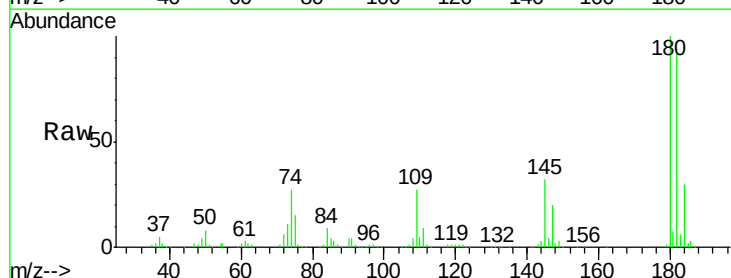
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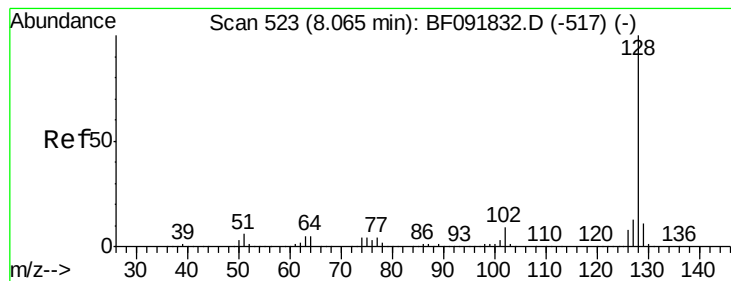
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.26 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	534817		
182	93.8	78.2	117.4	
145	31.9	21.6	32.4	





#31

Naphthalene

Concen: 43.18 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1851613

Ion Ratio Lower Upper

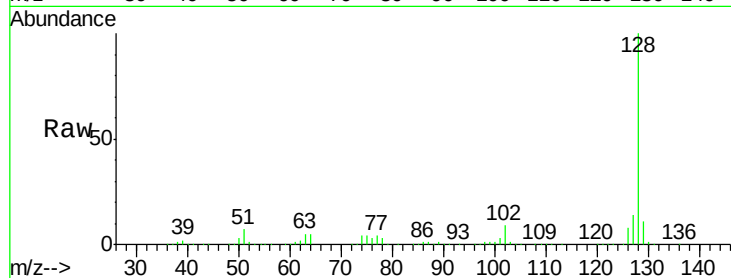
128 100

129 11.4 9.5 14.3

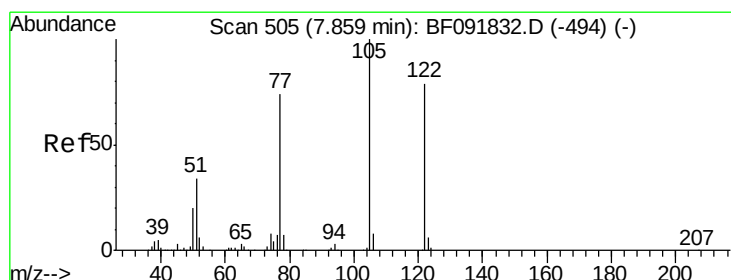
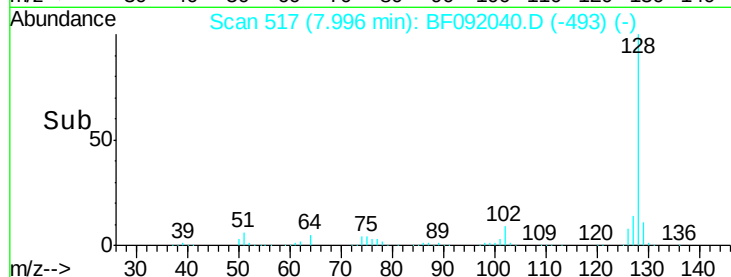
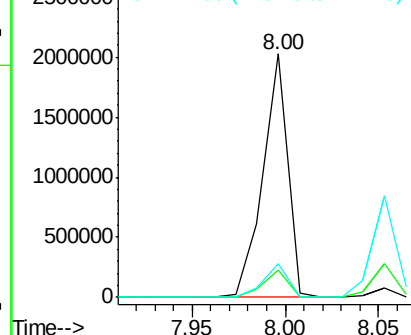
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.66 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

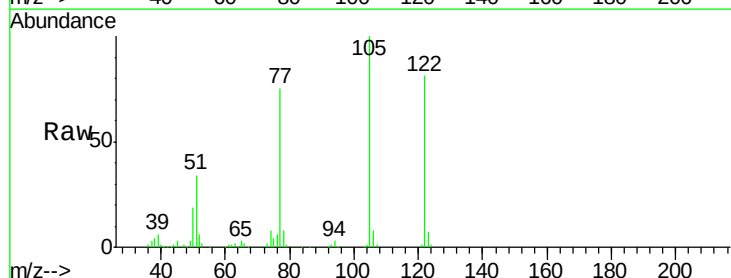
Tgt Ion:122 Resp: 442681

Ion Ratio Lower Upper

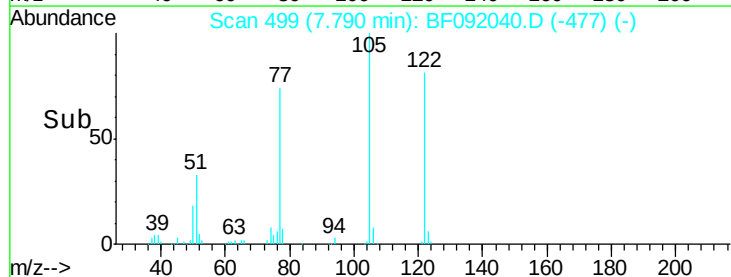
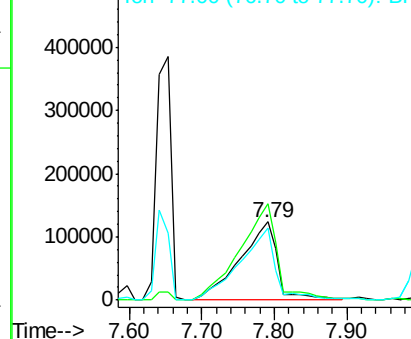
122 100

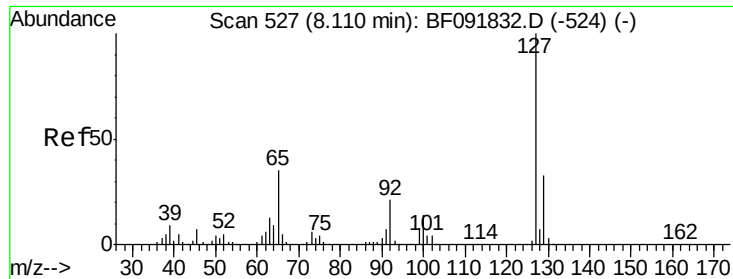
105 123.9 107.2 147.2

77 93.2 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





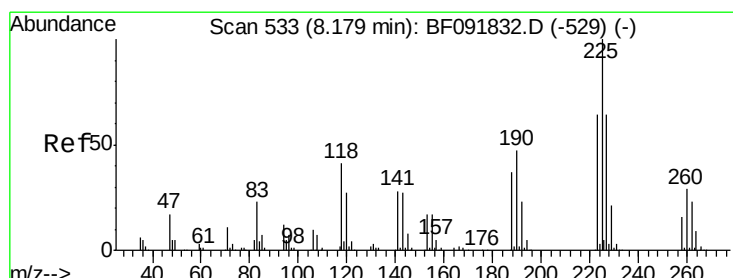
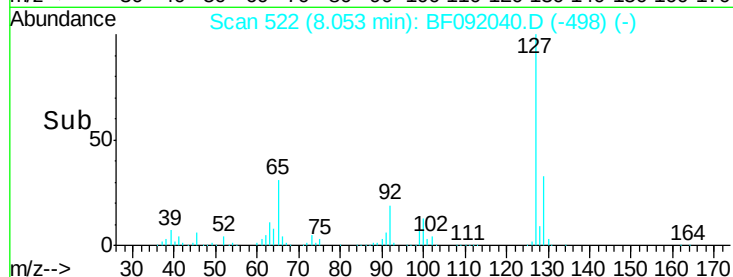
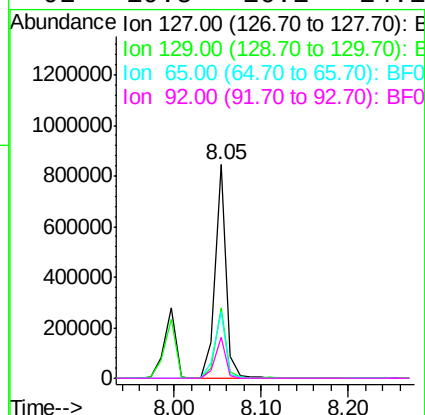
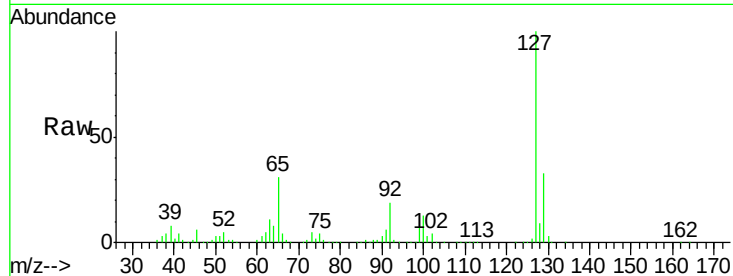
#33
4-Chloroaniline
Concen: 39.13 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		756751		
129	33.0	26.3	39.5		
65	31.0	25.8	38.8		
92	19.5	16.1	24.1		

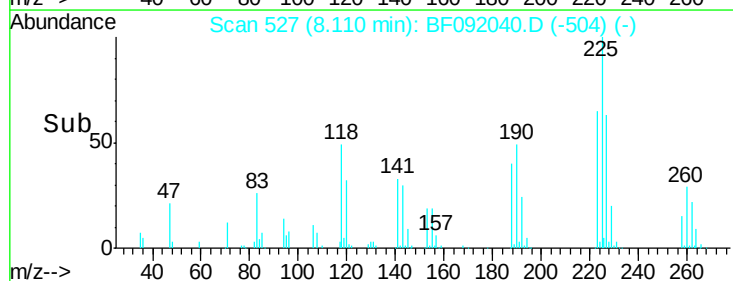
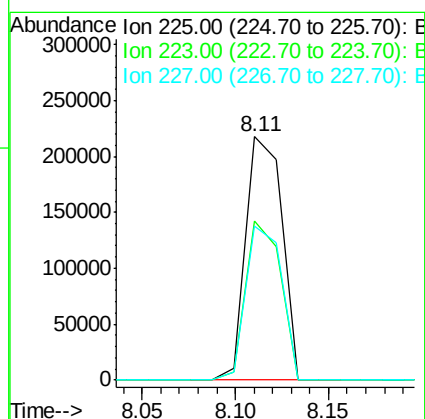
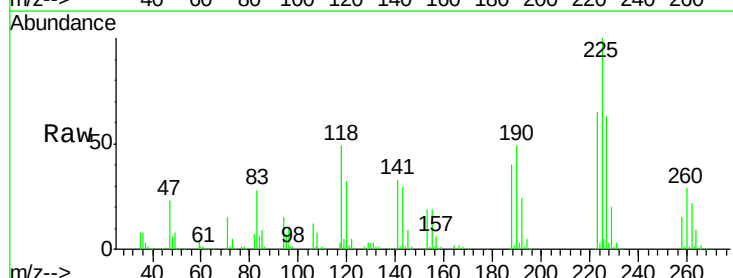
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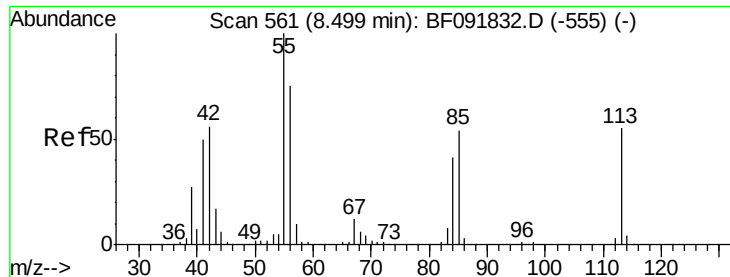
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#34
Hexachlorobutadiene
Concen: 40.67 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		292451		
223	65.3	51.0	76.6		
227	63.4	50.6	76.0		





#35

Caprolactam

Concen: 38.11 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

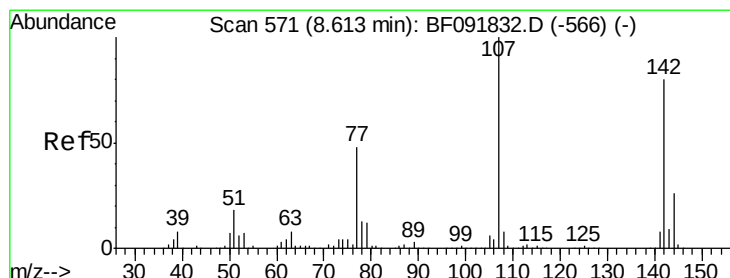
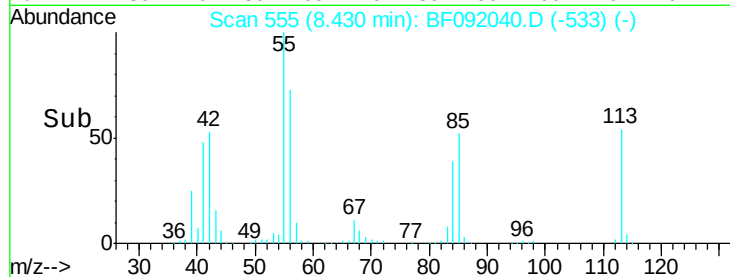
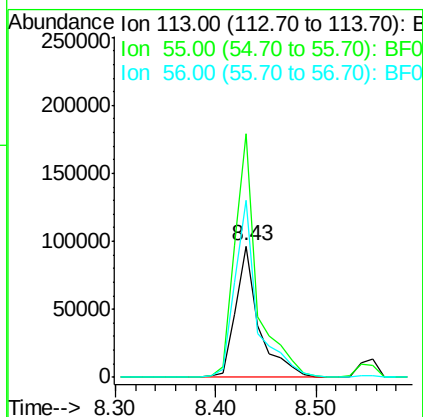
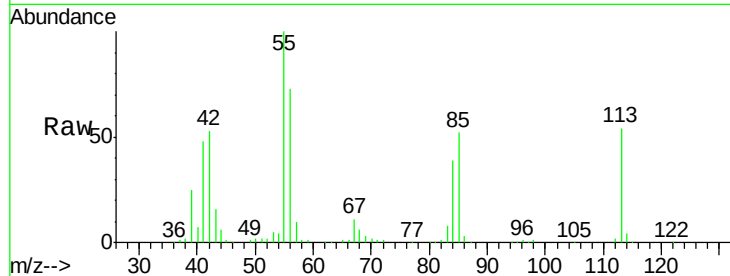
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	155689
Ion Ratio	Lower	Upper	
113	100		
55	185.5	119.2	159.2#
56	135.2	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 42.25 ng

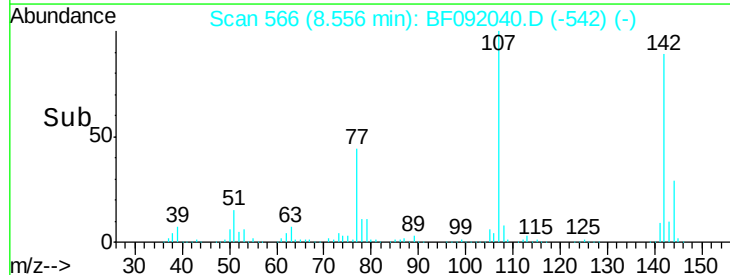
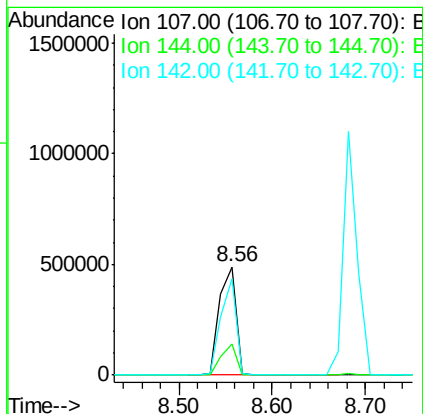
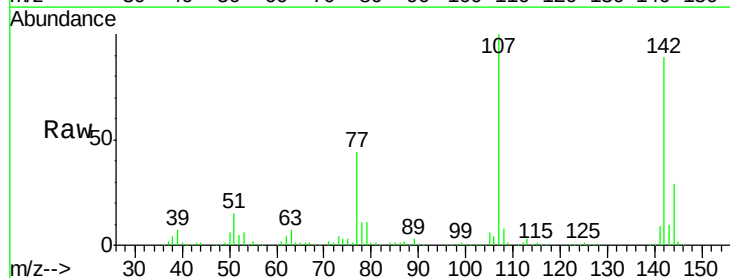
RT: 8.56 min Scan# 566

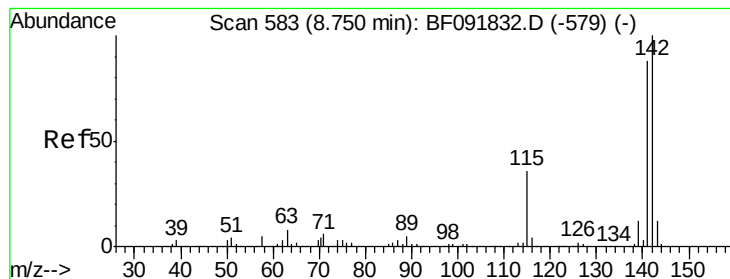
Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion:	107	Resp:	604318
Ion Ratio	Lower	Upper	
107	100		
144	29.0	19.3	28.9#
142	88.7	59.0	88.6#





#37

2-Methylnaphthalene

Concen: 43.69 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1147470

Ion Ratio Lower Upper

142 100

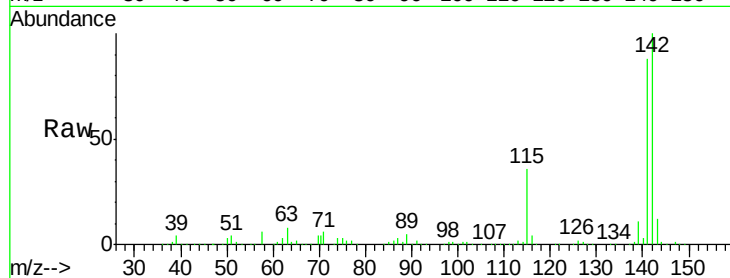
141 88.0 71.0 106.6

115 35.5 28.3 42.5

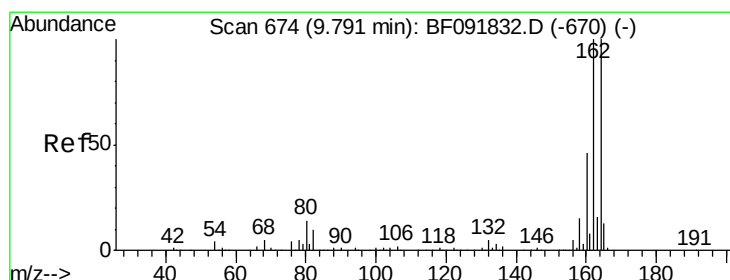
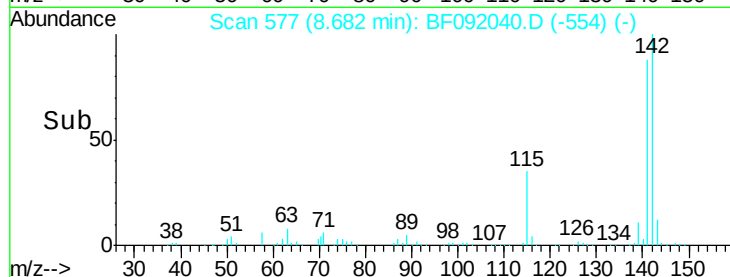
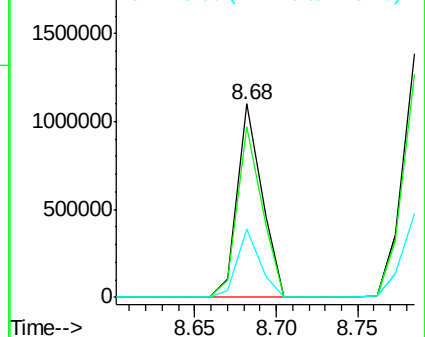
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

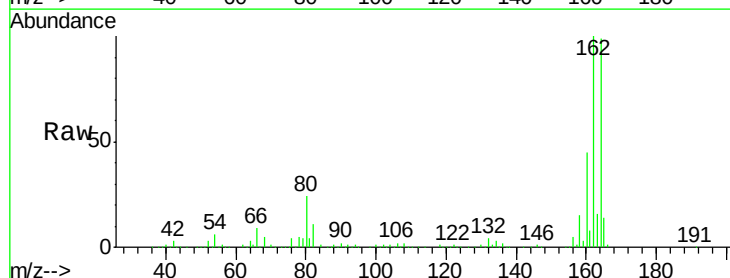
Tgt Ion:164 Resp: 571998

Ion Ratio Lower Upper

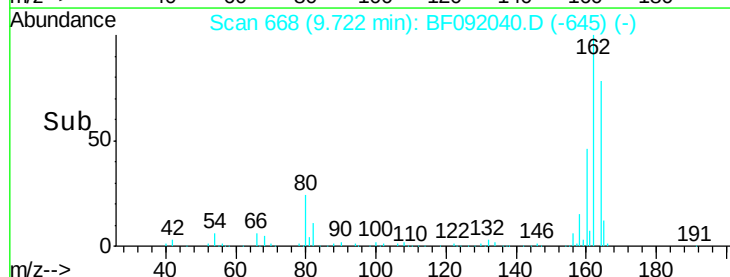
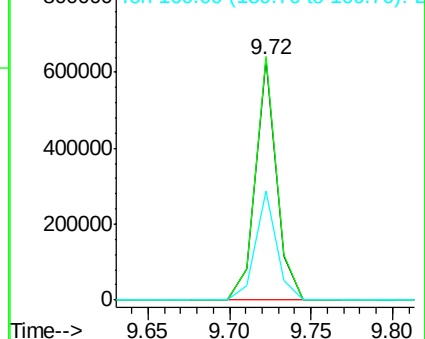
164 100

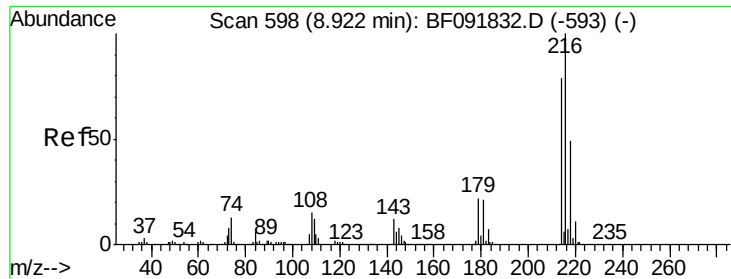
162 101.2 80.2 120.2

160 45.4 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: 37.98 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

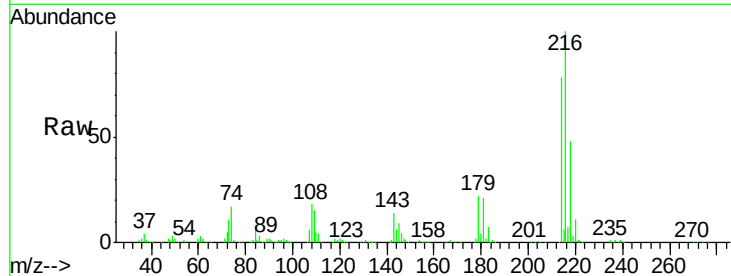
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	22.7	17.4	26.2
108	20.7	15.6	23.4

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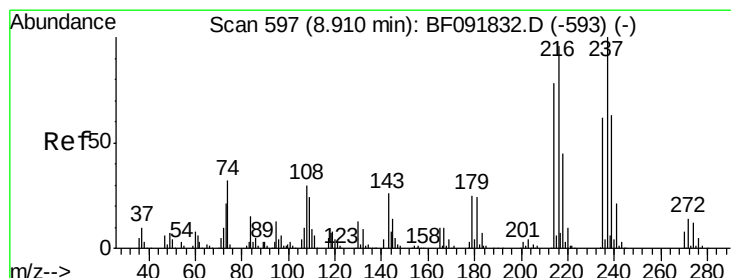
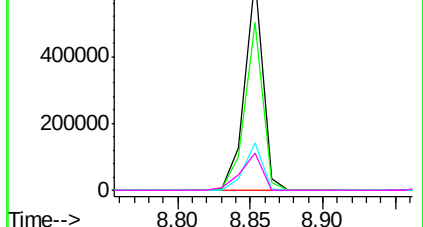
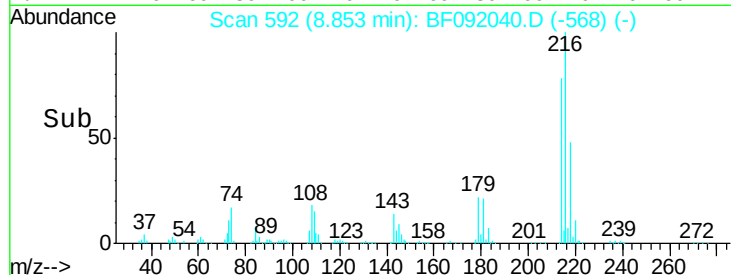


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.61 ng

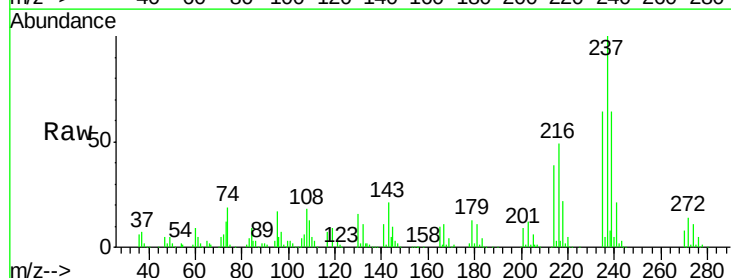
RT: 8.84 min Scan# 591

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

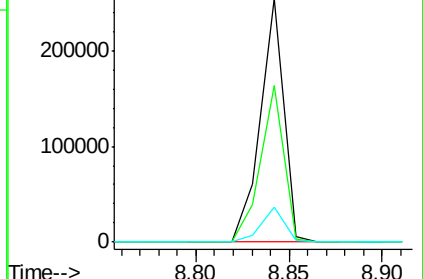
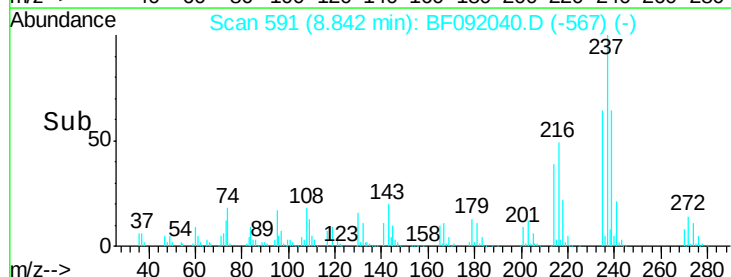
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.2	81.2
272	14.4	0.0	35.4

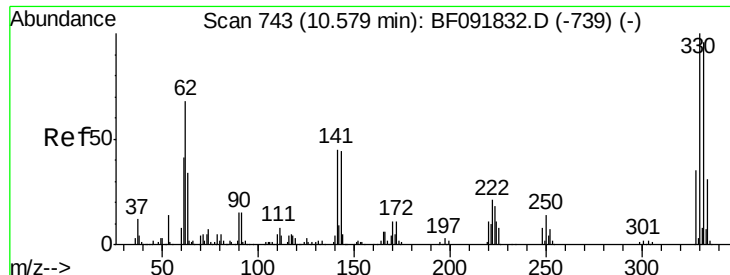


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





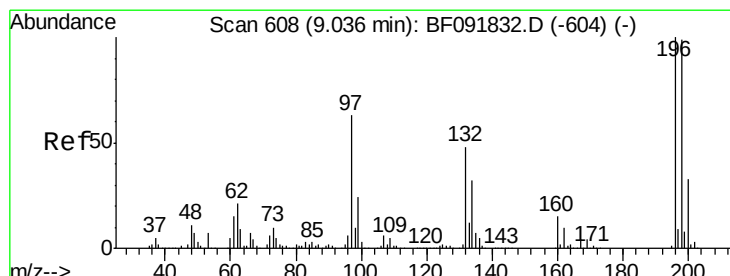
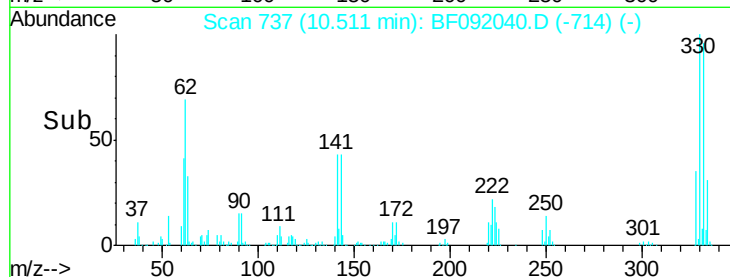
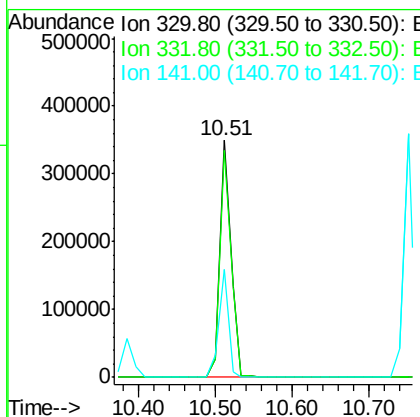
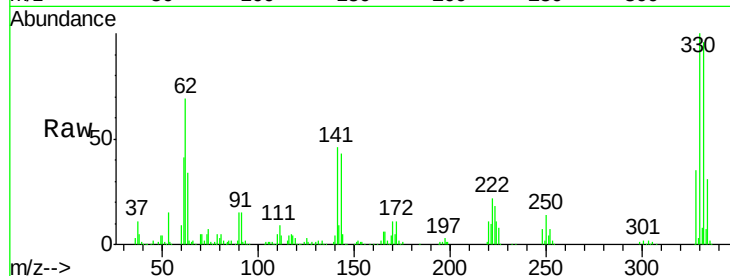
#41
 2,4,6-Tribromophenol
 Concen: 75.81 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	358869		
332	96.7		77.4	116.2
141	38.8		34.1	51.1

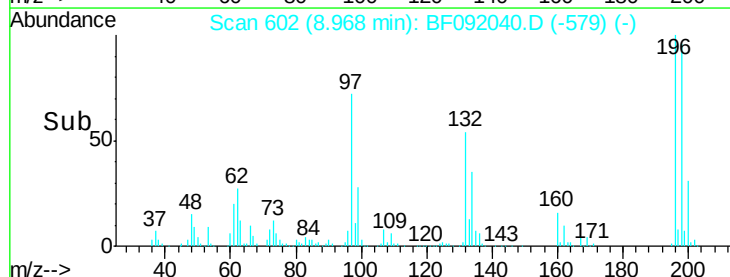
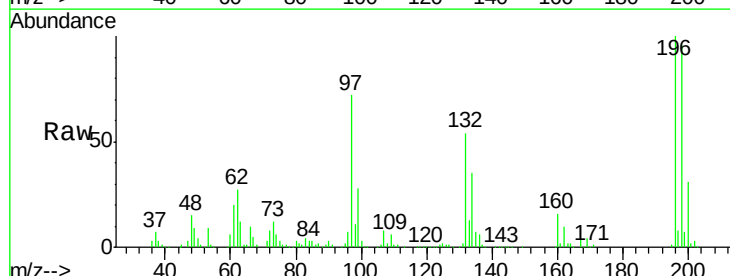
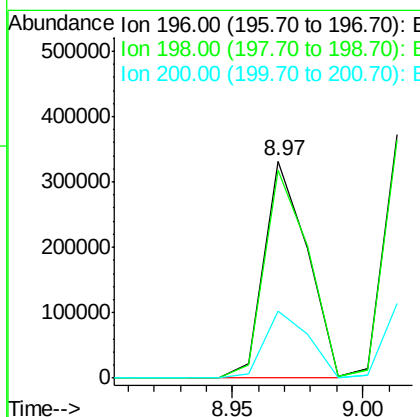
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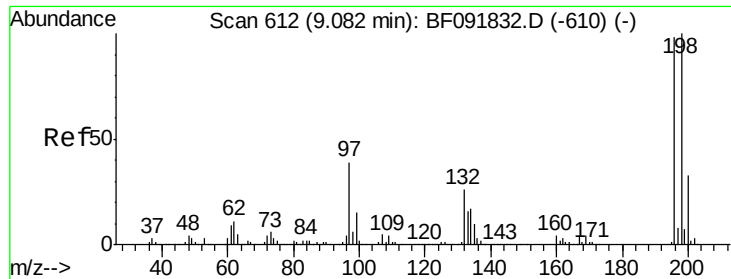
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 37.62 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	380256		
198	95.7		82.1	123.1
200	30.9		27.0	40.4





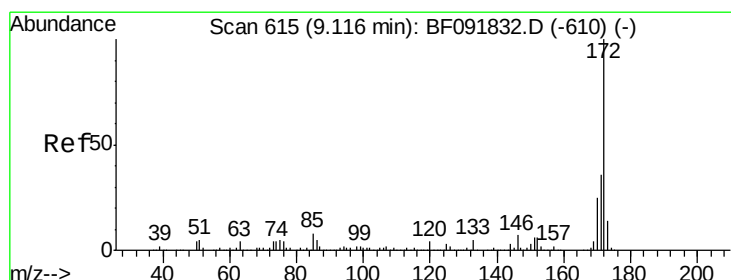
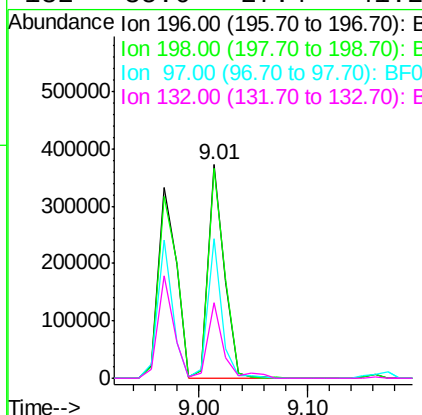
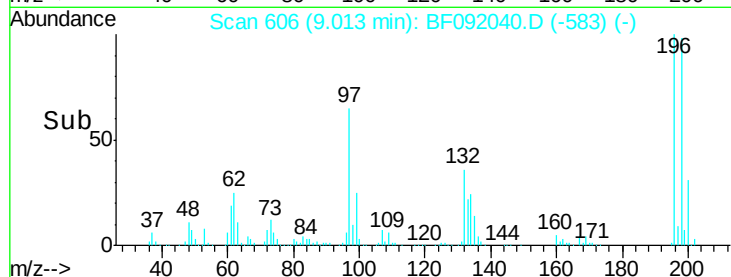
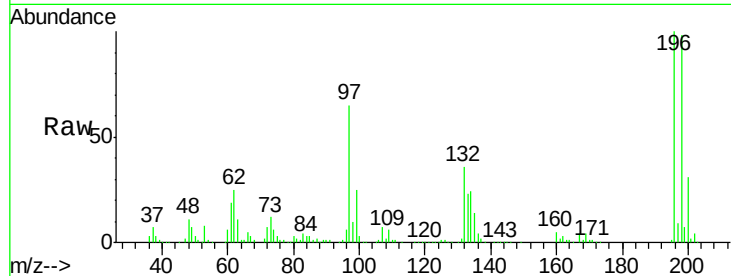
#43
 2,4,5-Trichlorophenol
 Concen: 37.36 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	388609		
198	98.1	79.4	119.2	
97	65.4	51.5	77.3	
132	35.6	27.4	41.2	

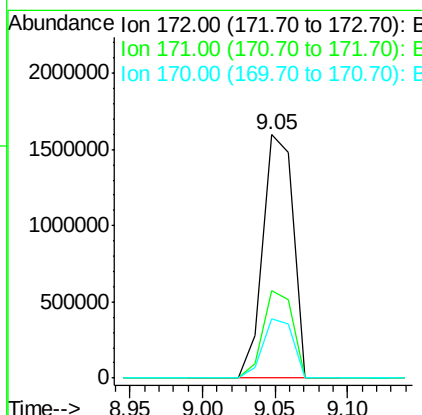
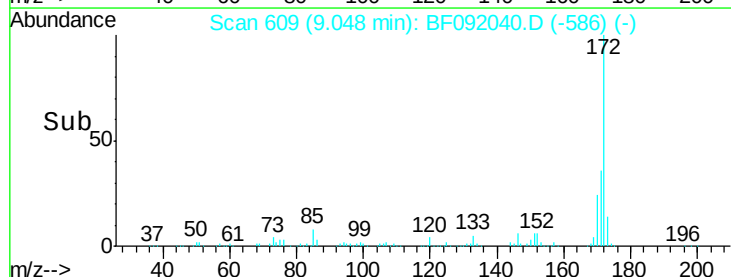
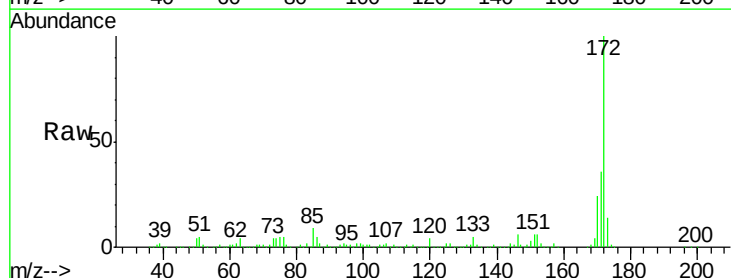
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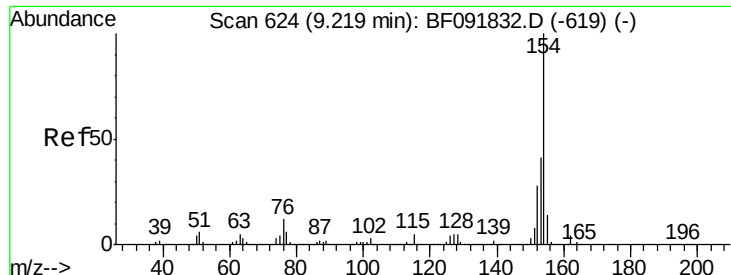
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2313185		
171	35.9	29.4	44.0	
170	24.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 39.42 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

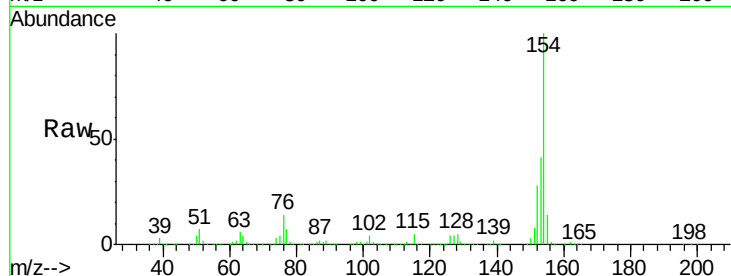
ClientSampleId :

SSTDCCC040

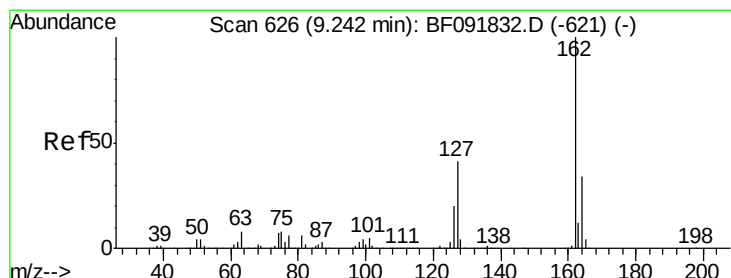
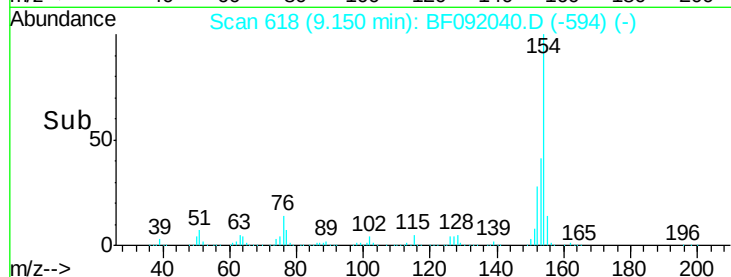
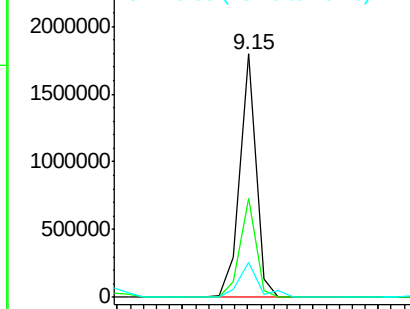
Tot Ion:	154	Resp:	1543704
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	14.2	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 40.60 ng

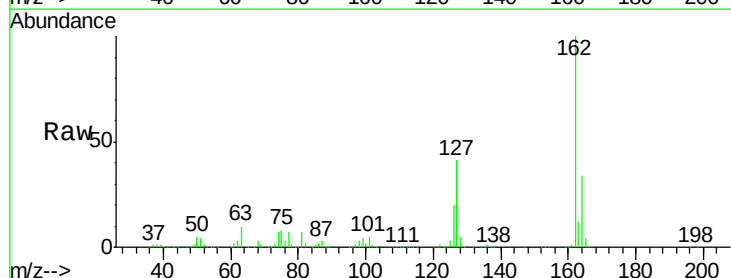
RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

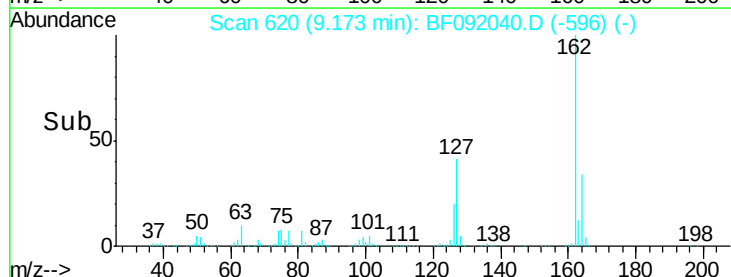
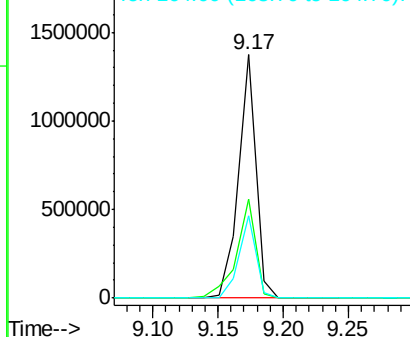
Lab File: BF092040.D

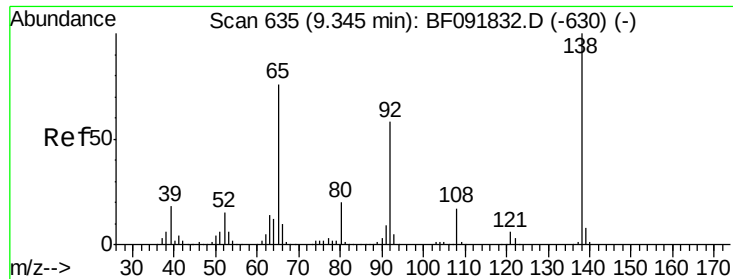
Acq: 30 Dec 2016 10:47

Tgt Ion:	162	Resp:	1259215
Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	33.8	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





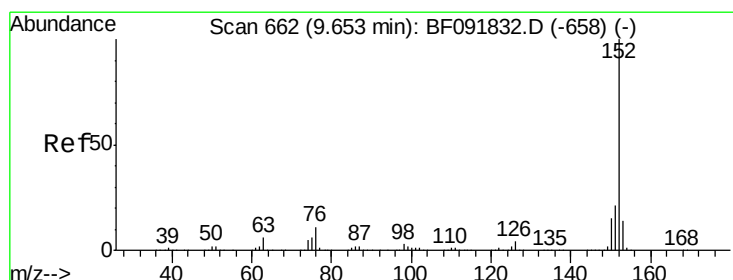
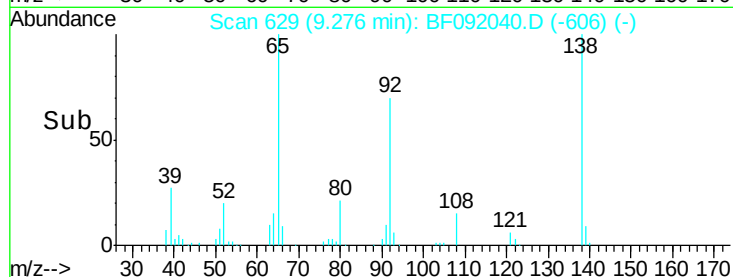
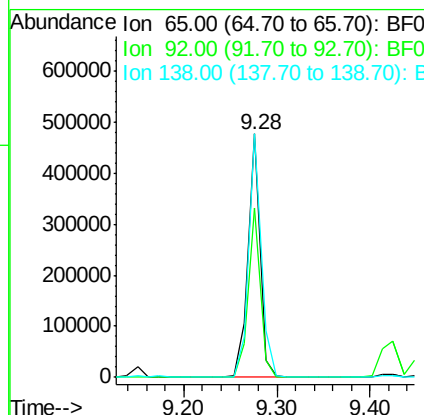
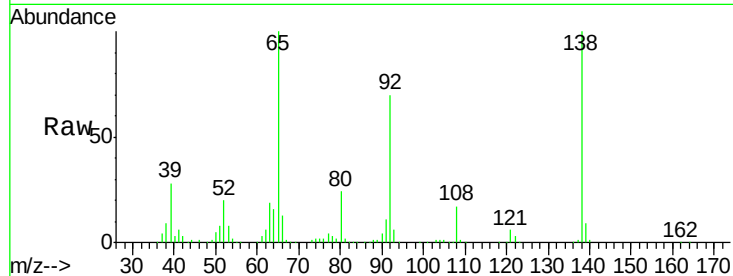
#47
2-Nitroaniline
Concen: 38.92 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.7	53.9	80.9
138	100.0	76.8	115.2

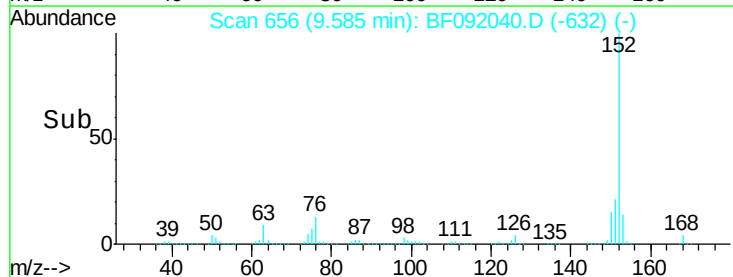
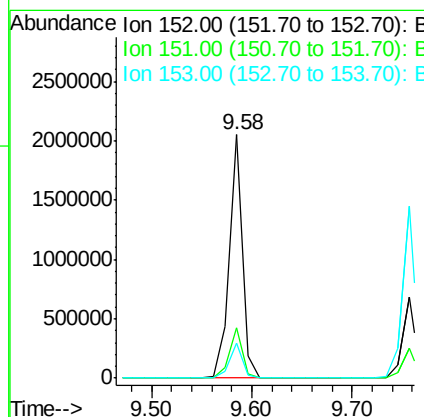
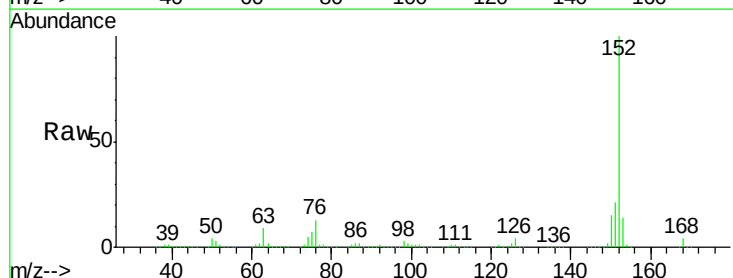
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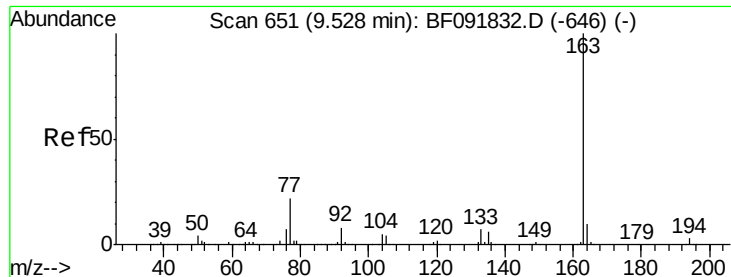
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#48
Acenaphthylene
Concen: 38.88 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.4	11.4	17.2





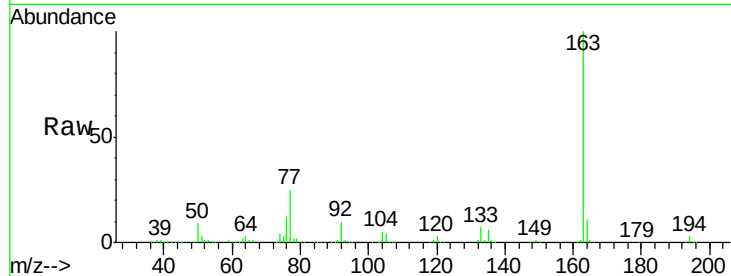
#49
Dimethylphthalate
Concen: 39.19 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

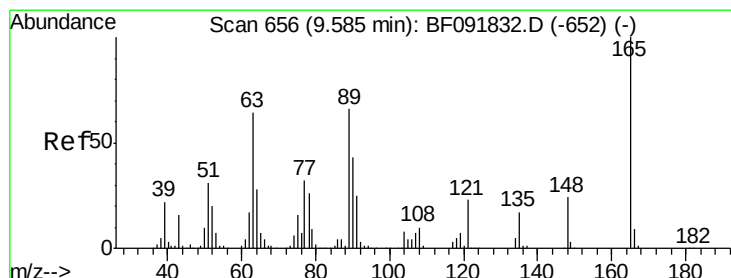
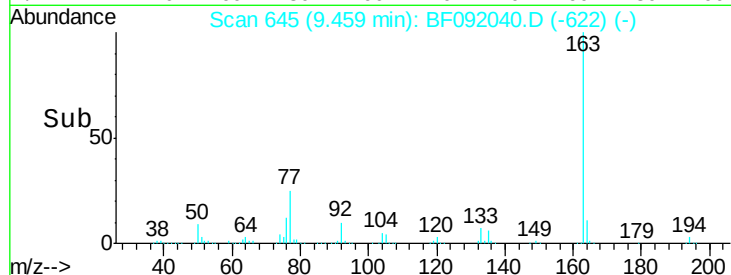
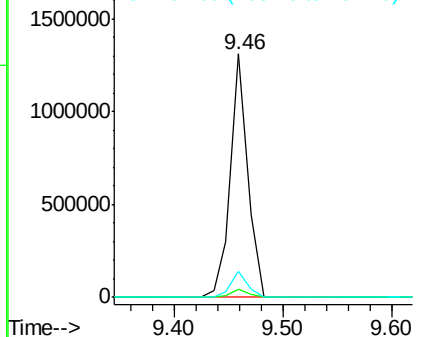
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0

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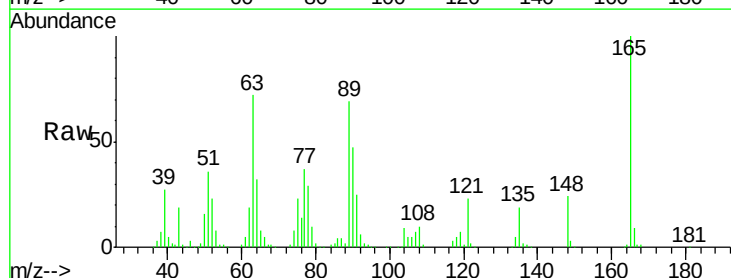


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

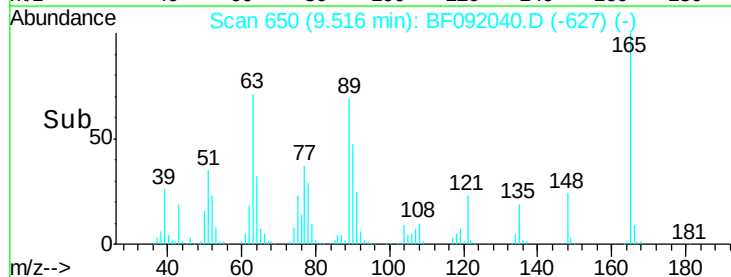
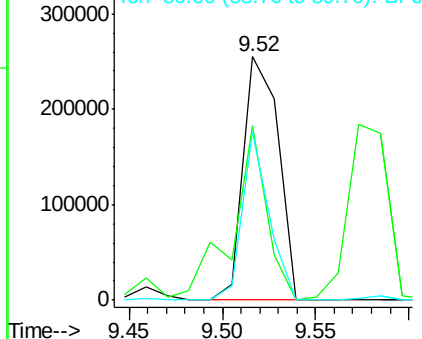


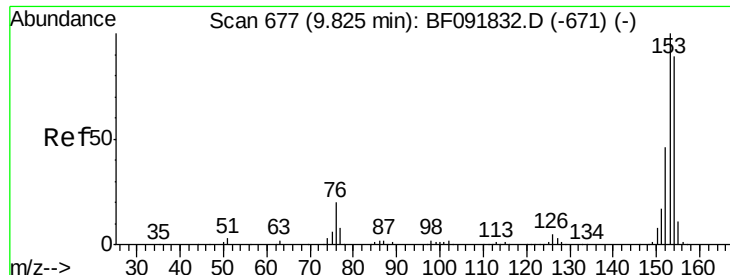
#50
2,6-Dinitrotoluene
Concen: 41.51 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.6	36.2	54.4#
89	69.1	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





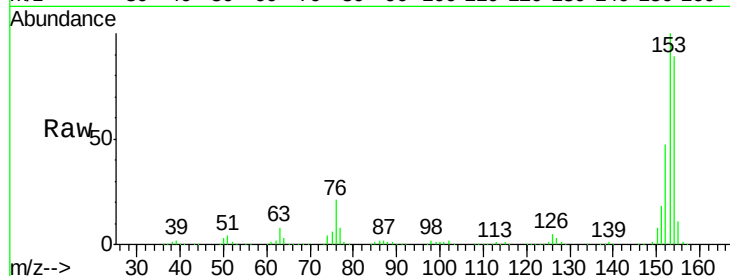
#51
Acenaphthene
Concen: 36.57 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

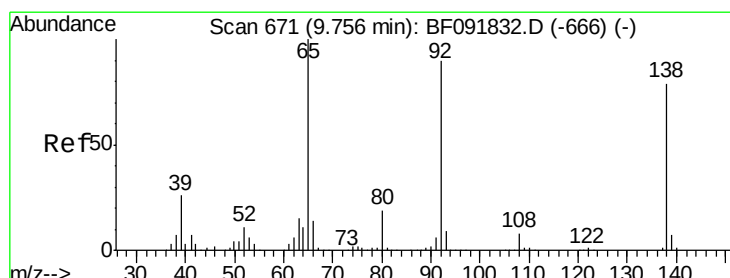
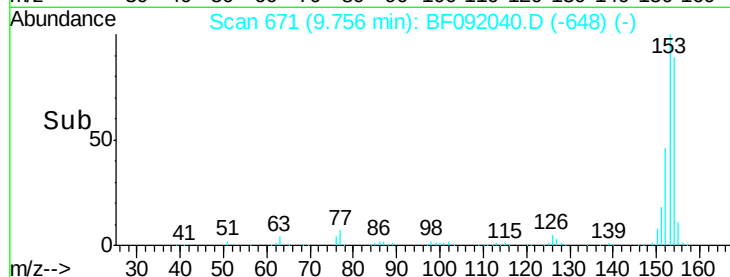
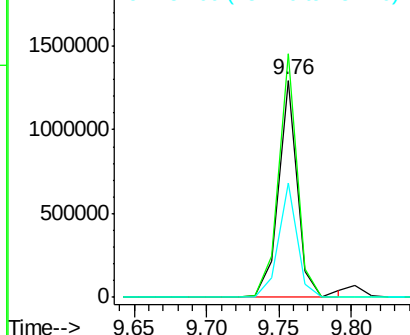
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.6	133.0
152	52.5	41.6	62.4

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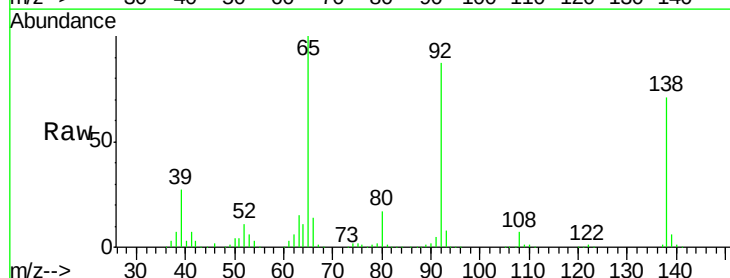


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

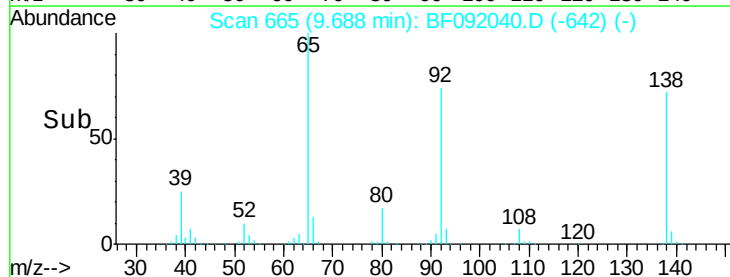
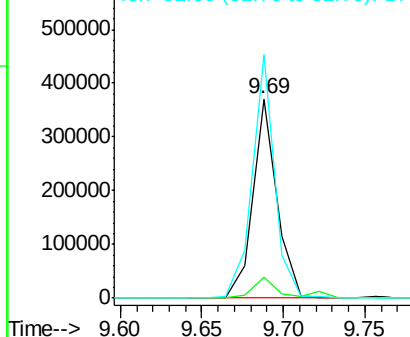


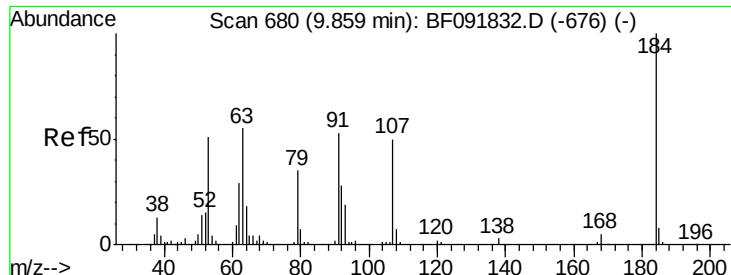
#52
3-Nitroaniline
Concen: 38.37 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	122.2	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





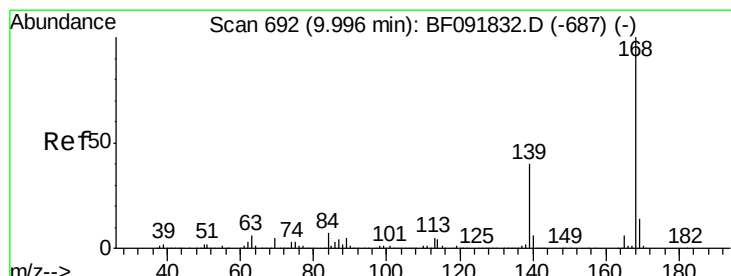
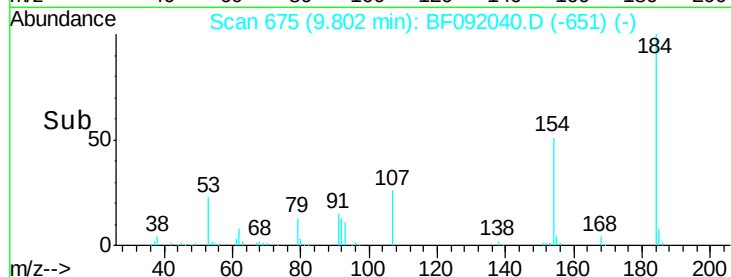
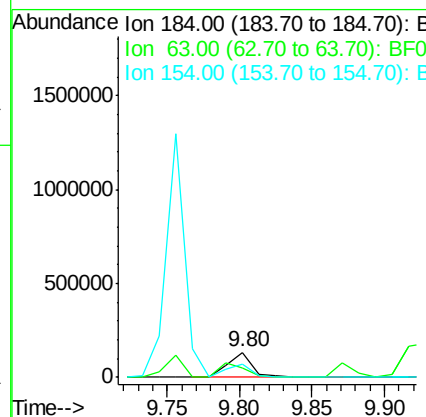
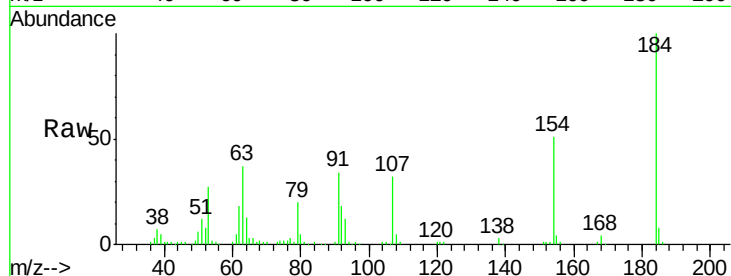
#53
2,4-Dinitrophenol
Concen: 36.45 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	162389		
63	37.5	28.4	42.6	
154	51.0	44.3	66.5	

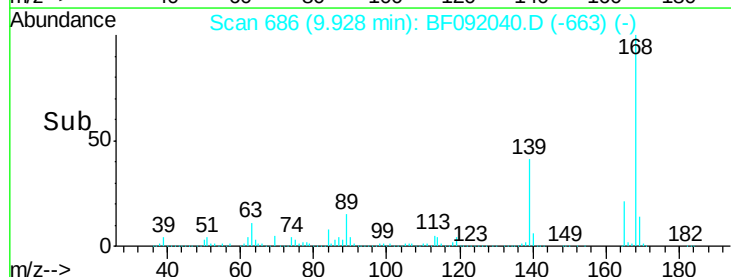
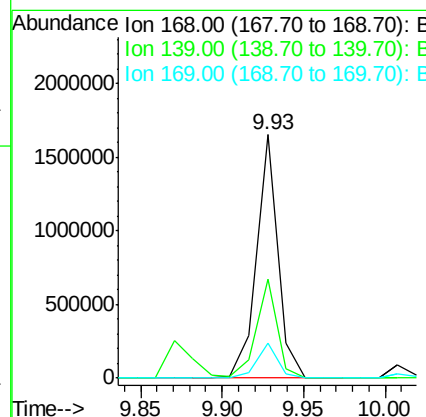
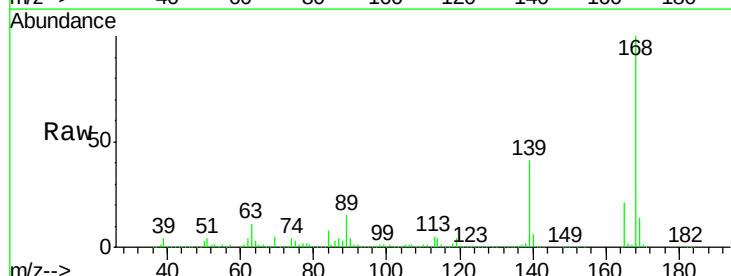
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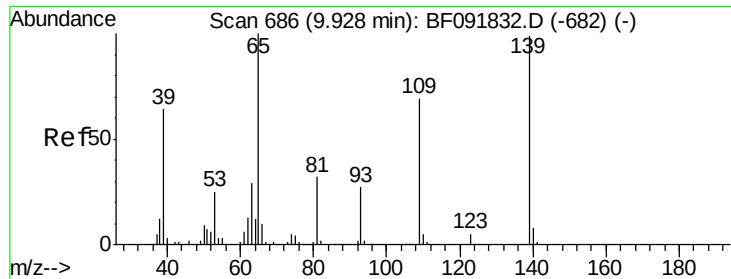
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#54
Dibenzofuran
Concen: 34.42 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1503413		
139	40.6	32.6	49.0	
169	14.2	11.3	16.9	





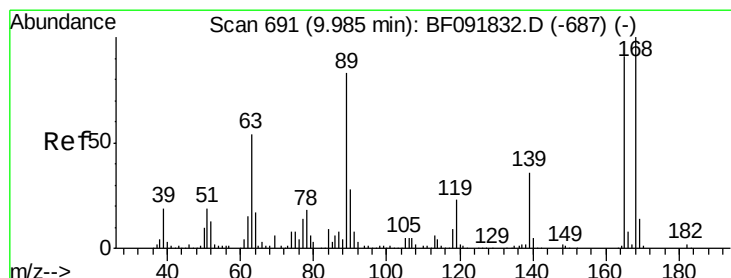
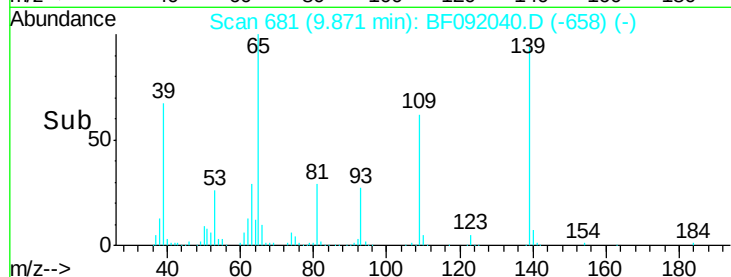
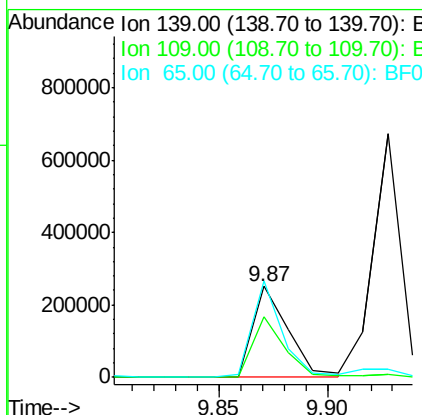
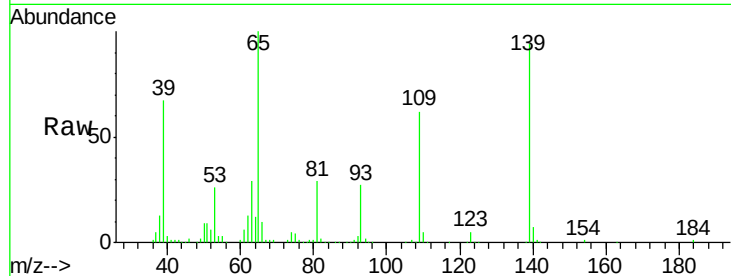
#55
4-Nitrophenol
Concen: 42.24 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	284216		
109	65.9	52.2	92.2	
65	106.6	85.8	125.8	

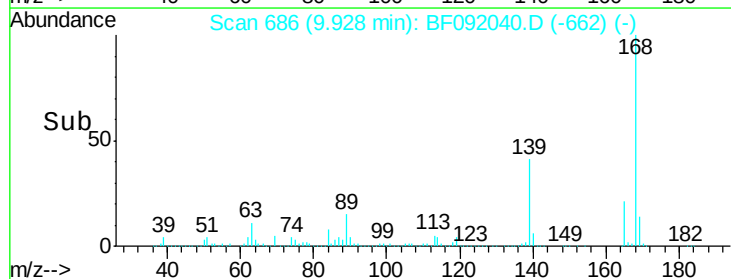
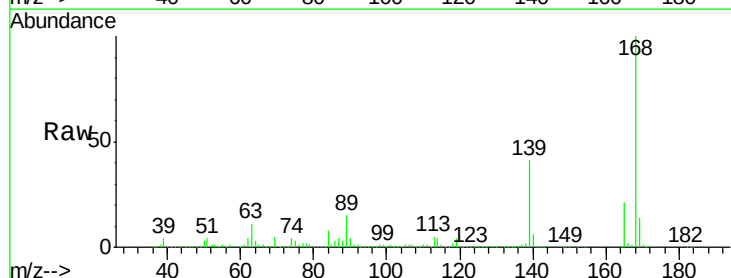
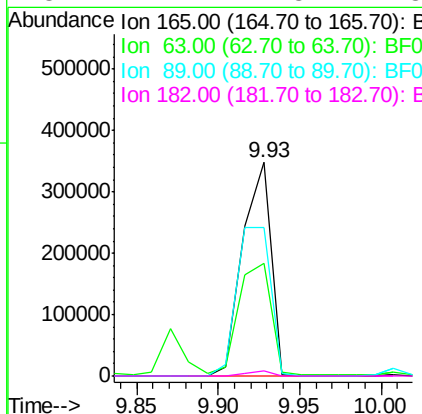
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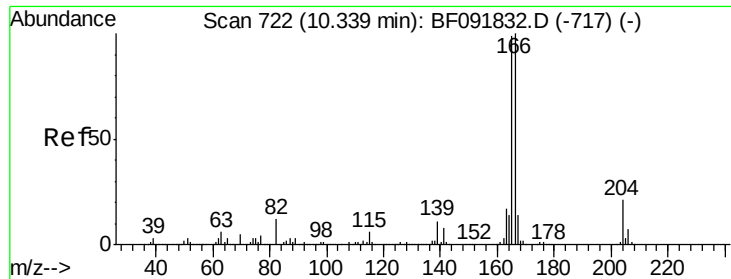
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#56
2,4-Dinitrotoluene
Concen: 41.70 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	419091		
63	52.6	40.2	60.4	
89	69.5	62.5	93.7	
182	2.2	1.8	2.8	





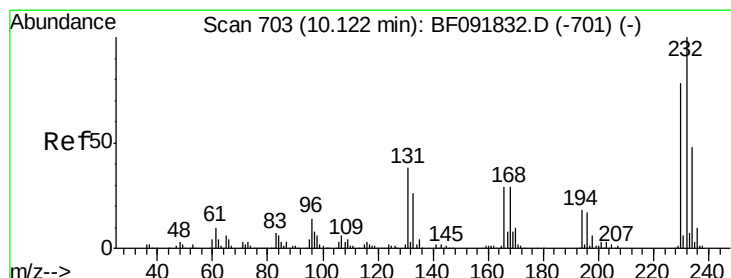
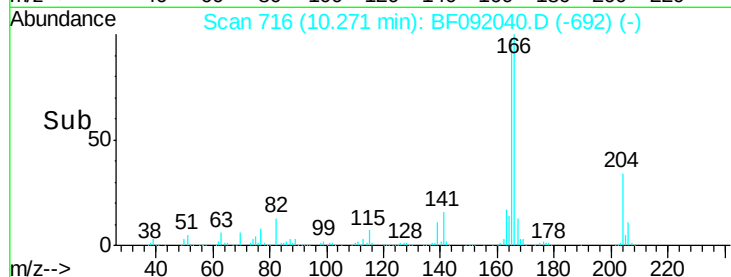
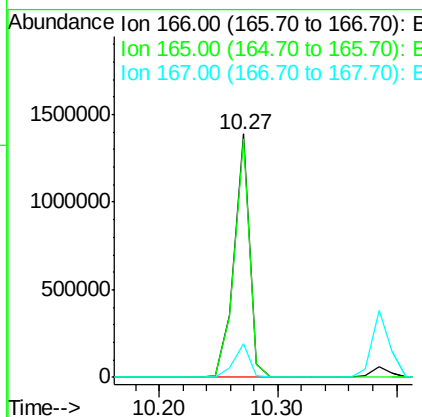
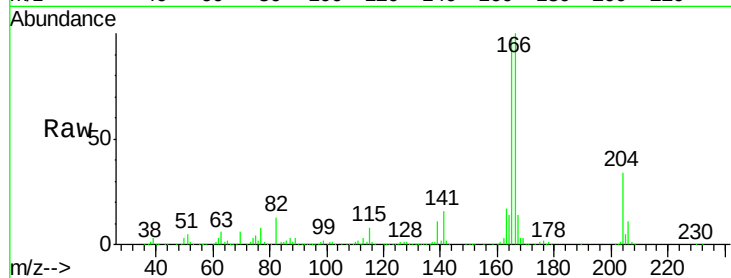
#57
 Fluorene
 Concen: 39.68 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:166 Resp: 1260674
 Ion Ratio Lower Upper
 166 100
 165 97.9 77.8 116.8
 167 13.6 10.8 16.2

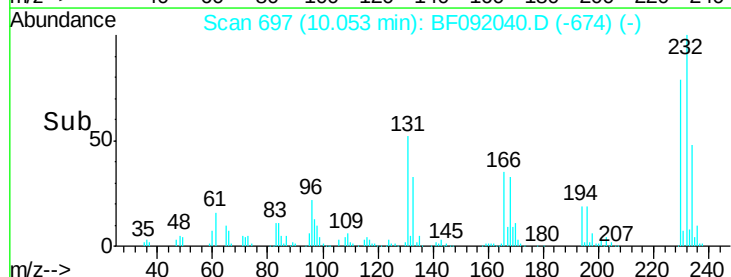
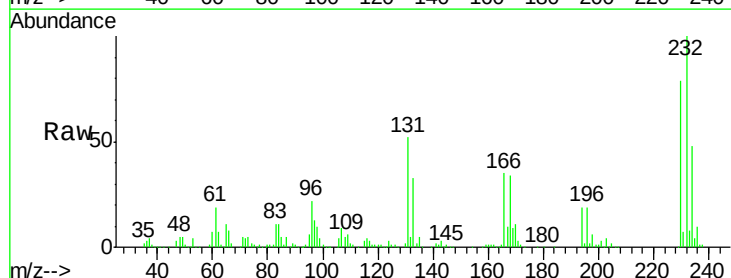
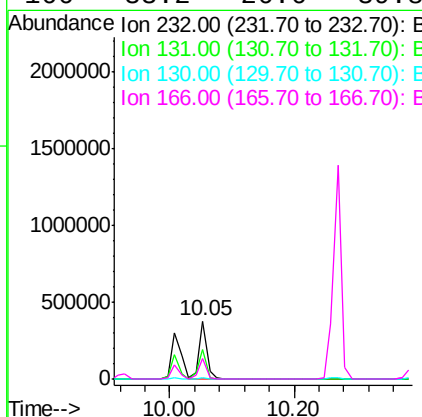
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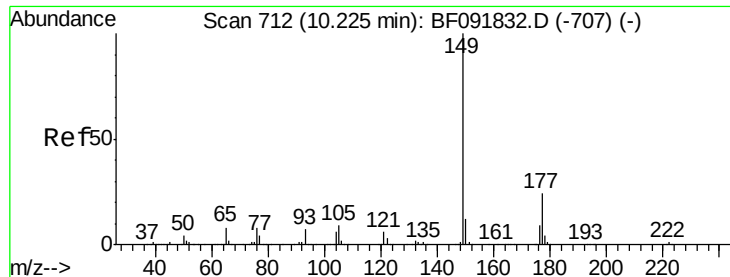
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.24 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:232 Resp: 339253
 Ion Ratio Lower Upper
 232 100
 131 50.4 40.1 60.1
 130 2.4 1.8 2.8
 166 33.2 26.6 39.8





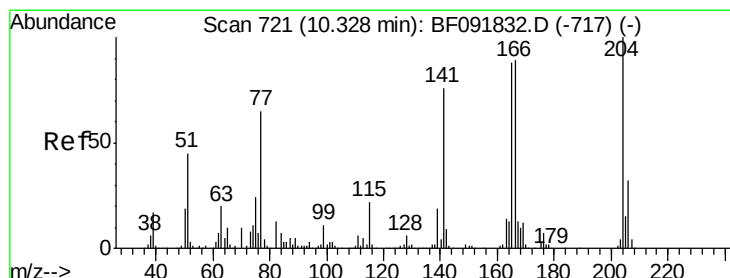
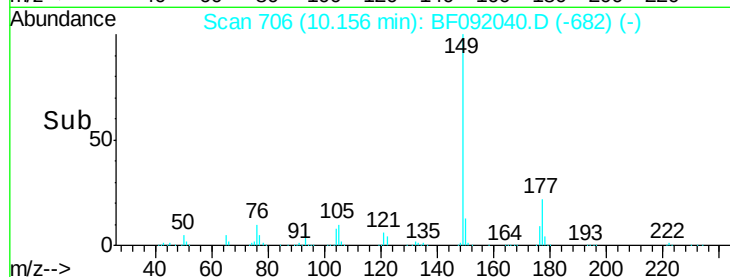
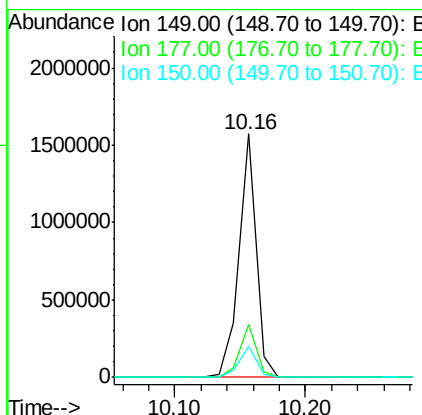
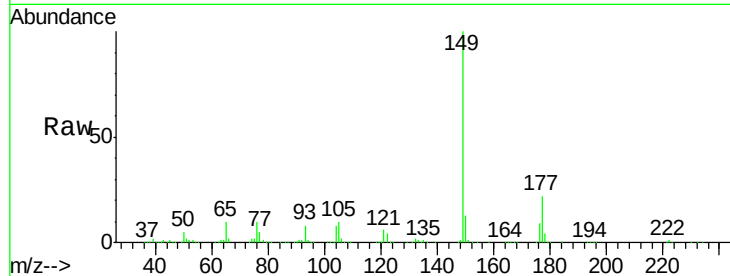
#59
Diethylphthalate
Concen: 40.01 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1421438
Ion Ratio Lower Upper
149 100
177 21.8 16.6 25.0
150 12.5 10.4 15.6

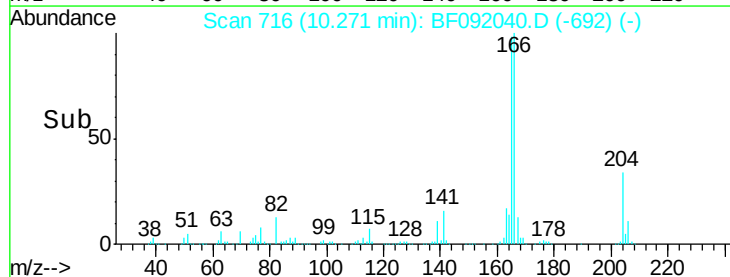
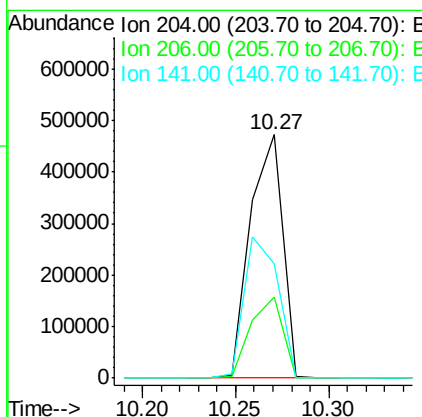
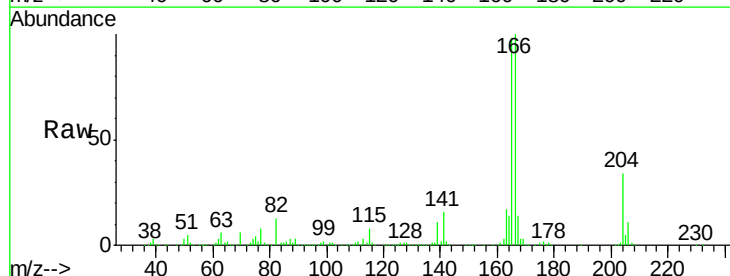
Manual Integrations
APPROVED

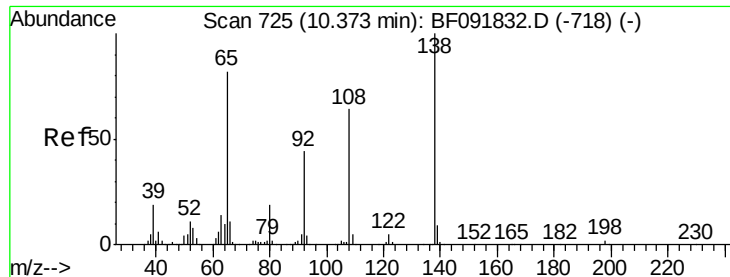
mohammad
1/3/2017 9:14:06 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.80 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:204 Resp: 567625
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 47.1 59.4 89.0#





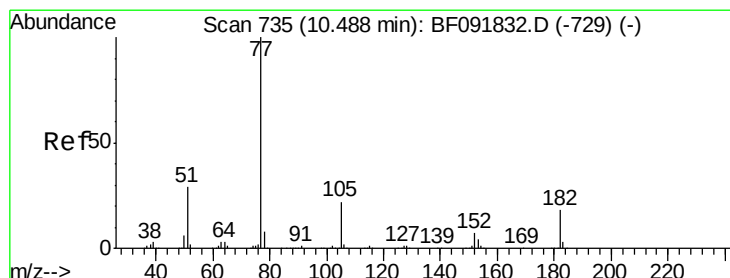
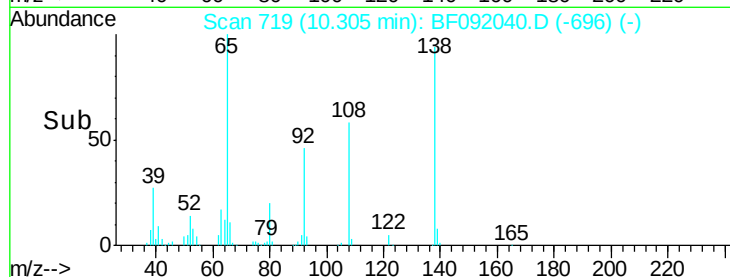
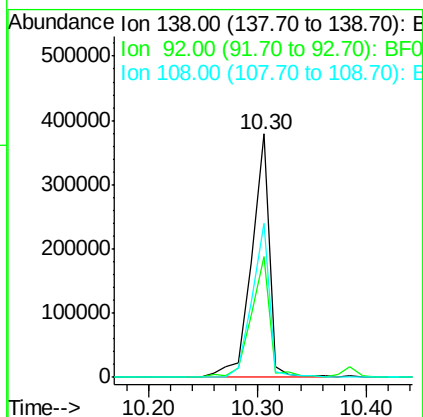
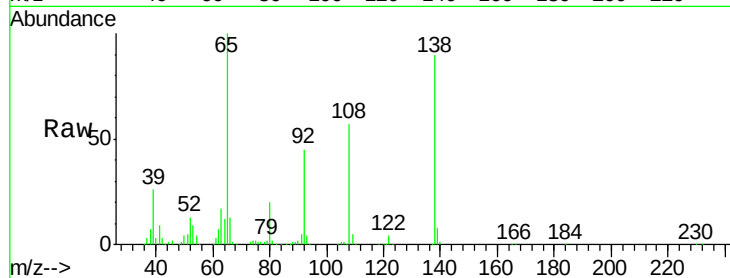
#61
4-Nitroaniline
Concen: 42.39 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	31.7	71.7
108	63.5	52.6	92.6

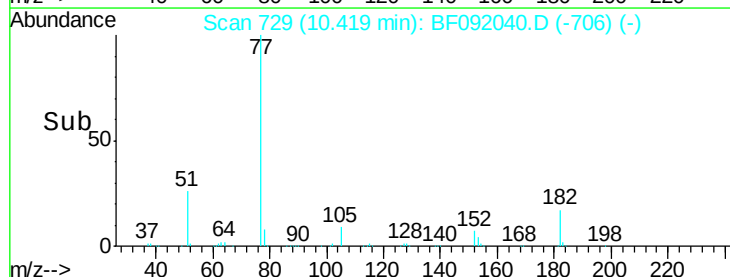
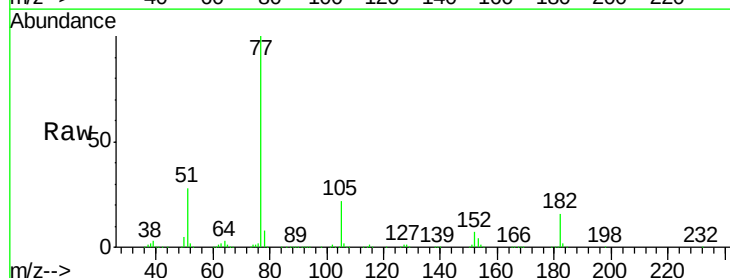
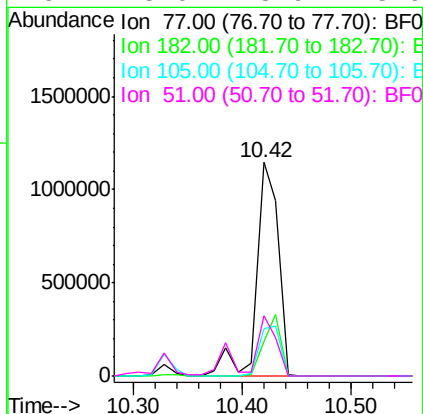
Manual Integrations
APPROVED

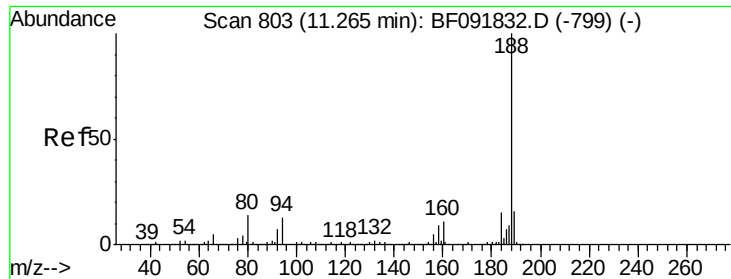
mohammad
1/3/2017 9:14:06 AM



#62
Azobenzene
Concen: 41.38 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.3	0.0	39.3
105	22.2	2.3	42.3
51	28.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

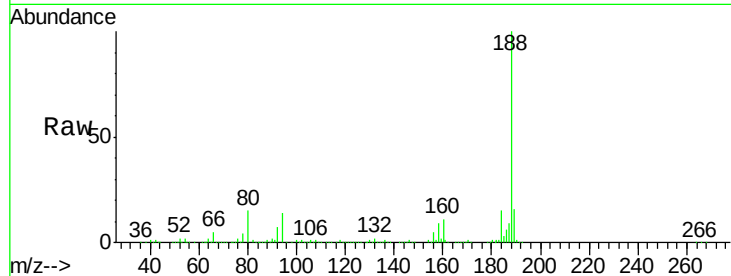
ClientSampled :

SSTDCCC040

Tot Ion:	188	Resp:	949297
Ion Ratio	Lower	Upper	
188	100		
94	13.9	10.0	15.0
80	14.7	11.2	16.8

Manual Integrations
APPROVED

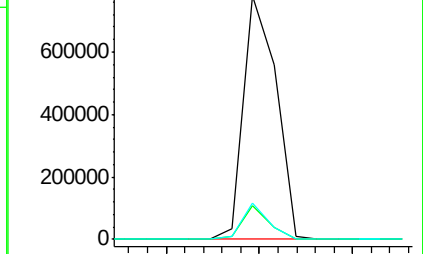
mohammad
1/3/2017 9:14:06 AM



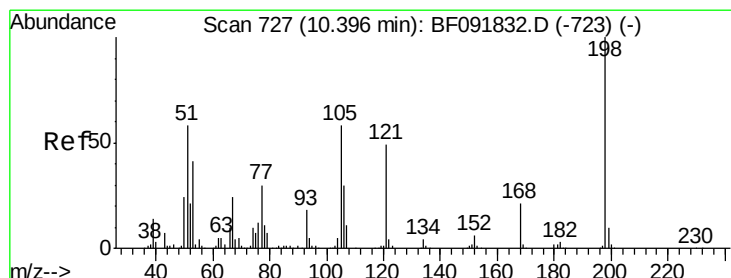
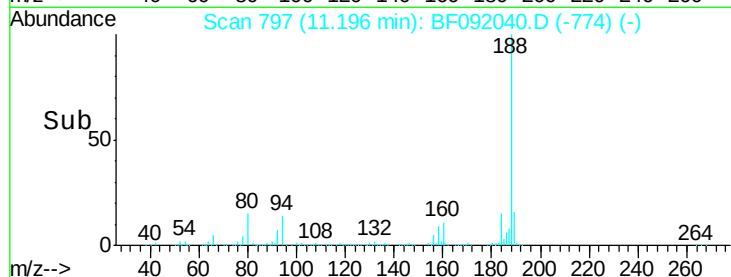
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.53 ng

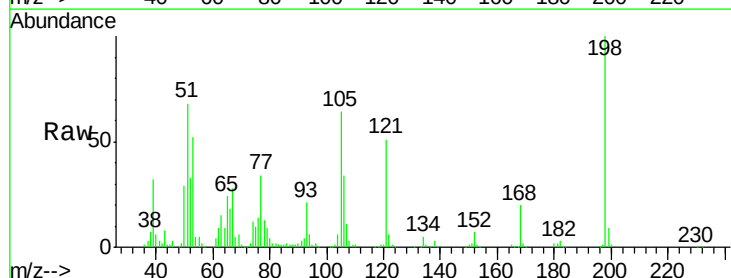
RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

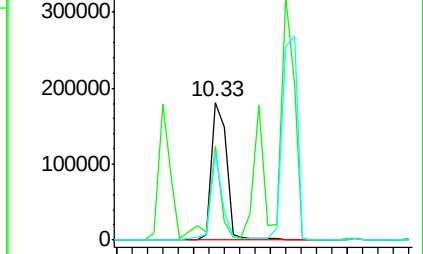
Tgt Ion:	198	Resp:	249849
Ion Ratio	Lower	Upper	
198	100		
51	68.0	6.7	46.7#
105	64.0	16.6	56.6#



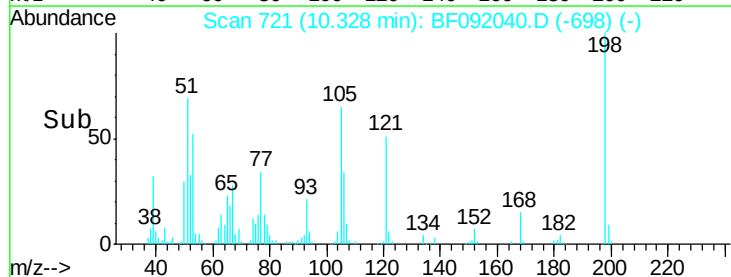
Abundance Ion 198.00 (197.70 to 198.70): E

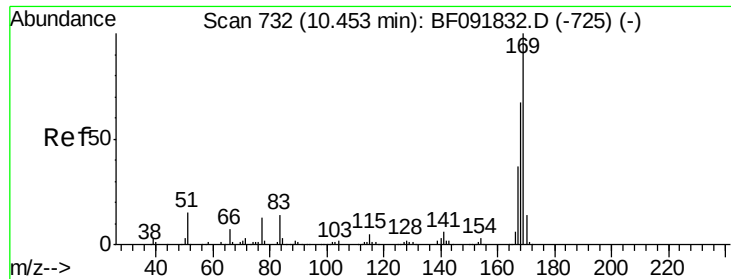
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.05 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1071962

Ion Ratio Lower Upper

169 100

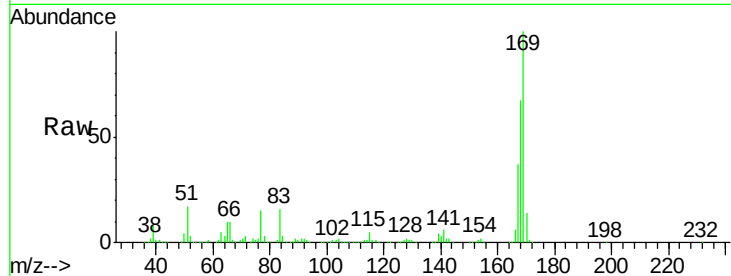
168 66.9 54.2 81.2

167 37.3 30.2 45.4

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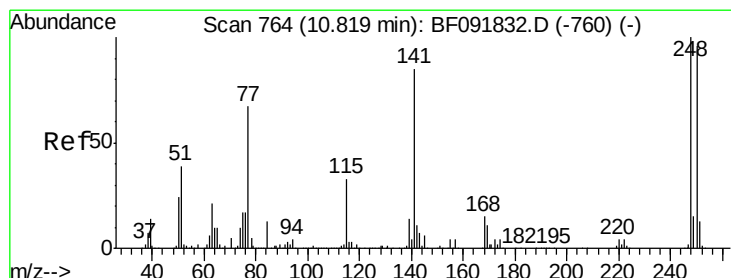
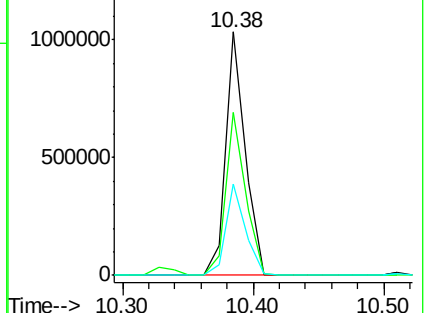
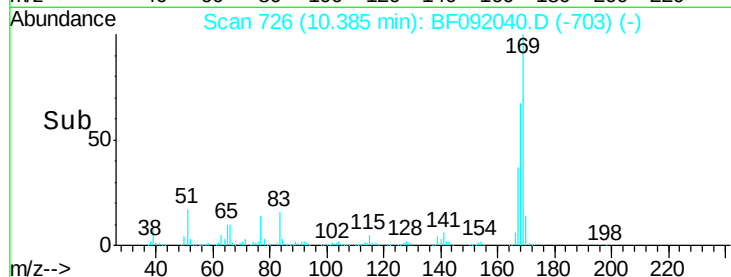
1/3/2017 9:14:06 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.92 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

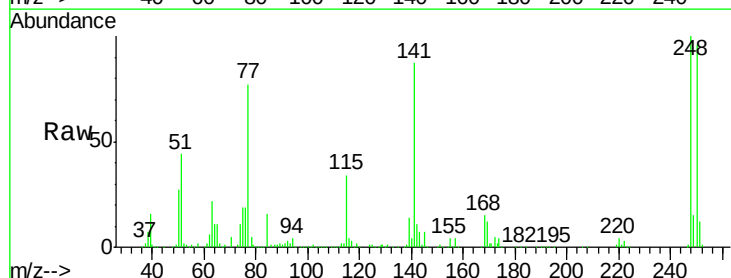
Tgt Ion:248 Resp: 374412

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

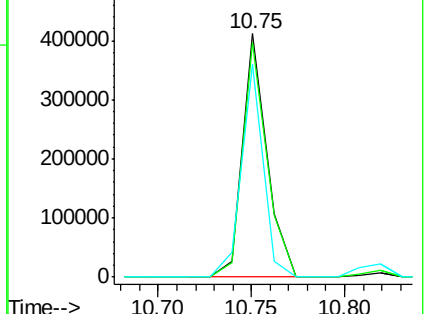
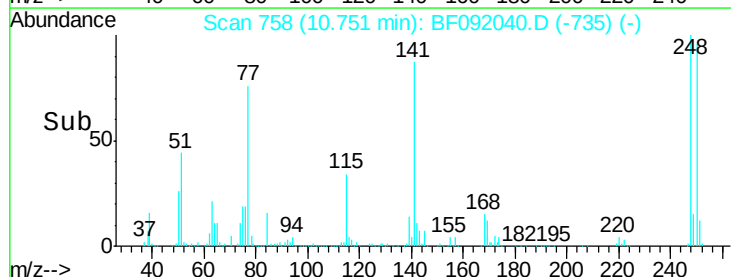
141 87.2 68.2 102.4

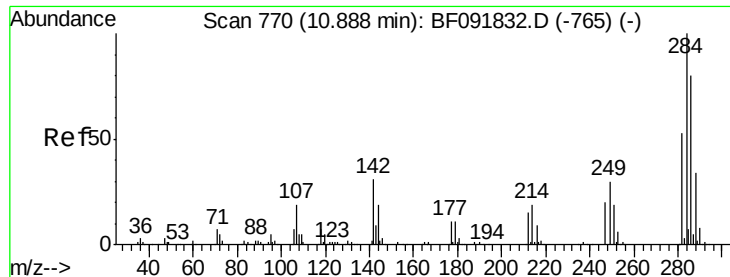


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





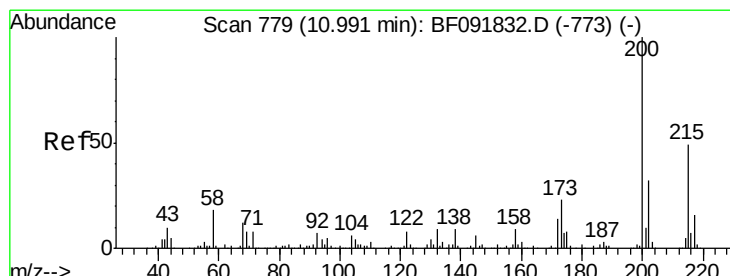
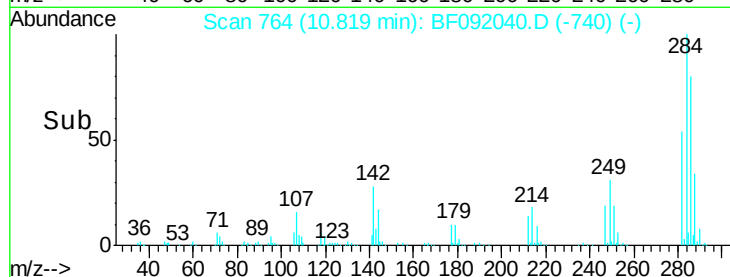
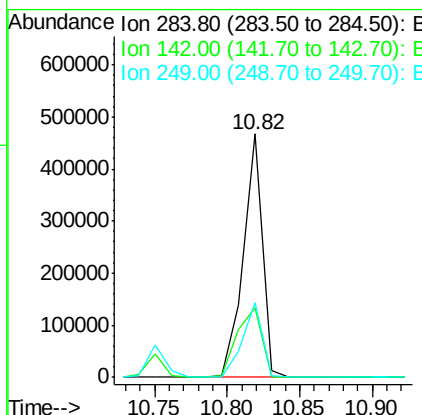
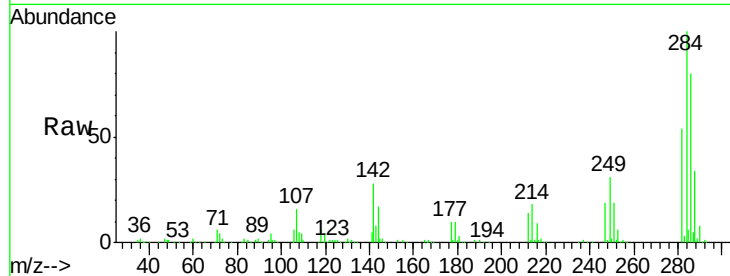
#67
Hexachlorobenzene
Concen: 40.50 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	427458		
142	28.3	22.6	33.8	
249	30.8	25.4	38.0	

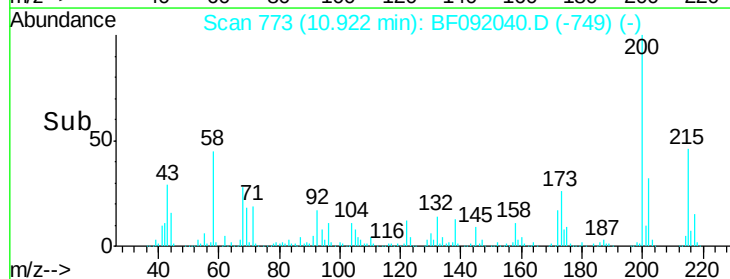
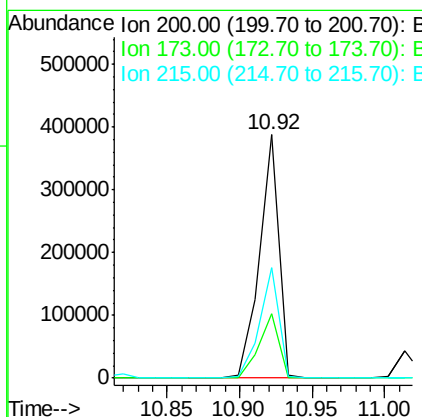
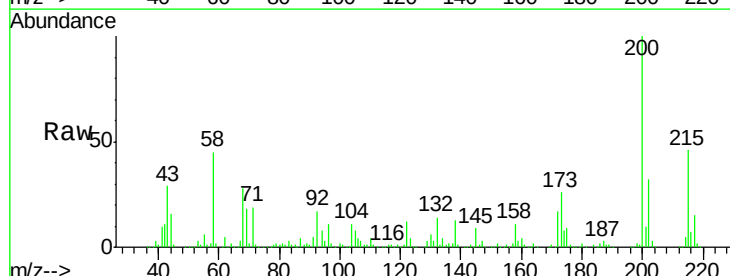
Manual Integrations
APPROVED

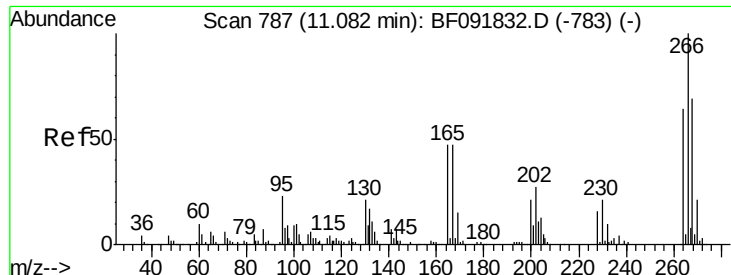
mohammad
1/3/2017 9:14:06 AM



#68
Atrazine
Concen: 39.39 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	357875		
173	26.4	9.6	49.6	
215	45.6	25.7	65.7	





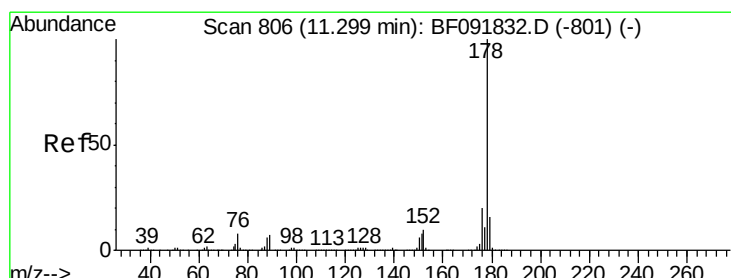
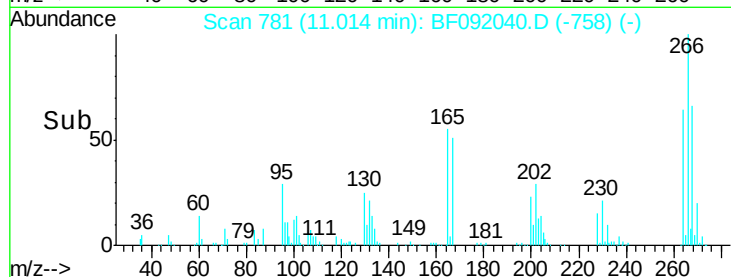
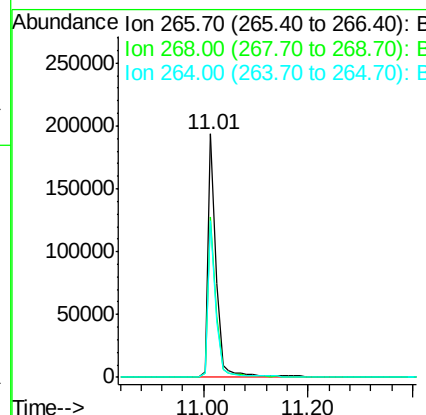
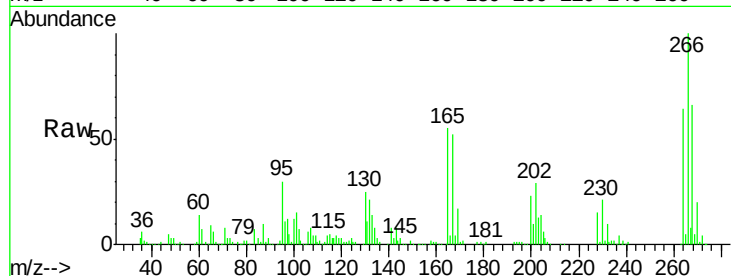
#69
 Pentachlorophenol
 Concen: 41.55 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	53.3	79.9
264	64.4	50.3	75.5

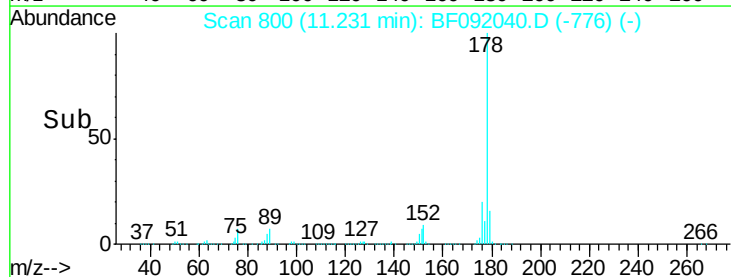
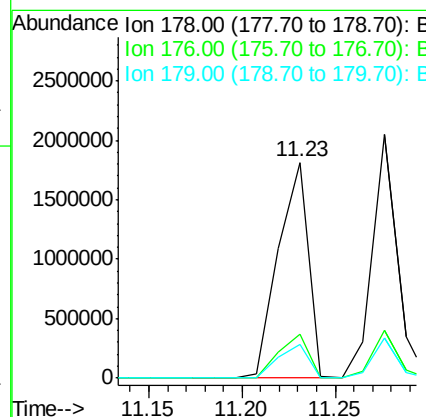
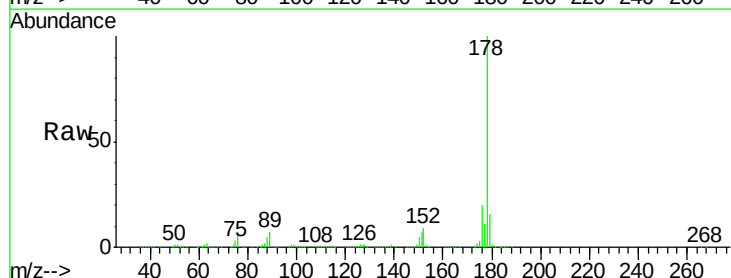
Manual Integrations
 APPROVED

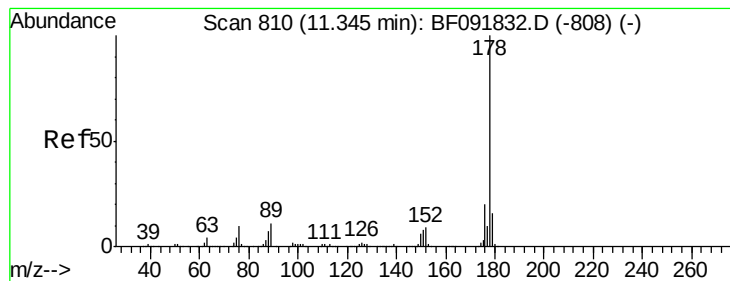
mohammad
 1/3/2017 9:14:06 AM



#70
 Phenanthrene
 Concen: 39.43 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.8	12.8	19.2





#71

Anthracene

Concen: 39.17 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1867966

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

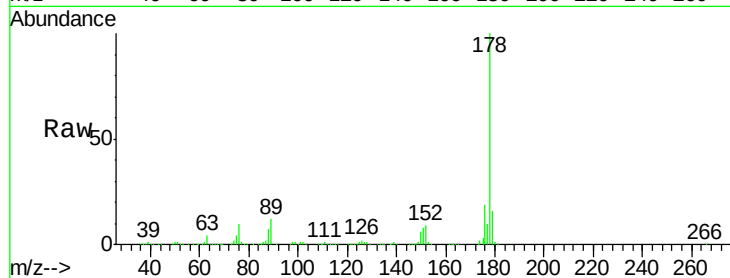
179 16.4 13.2 19.8

Manual Integrations

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mohammad

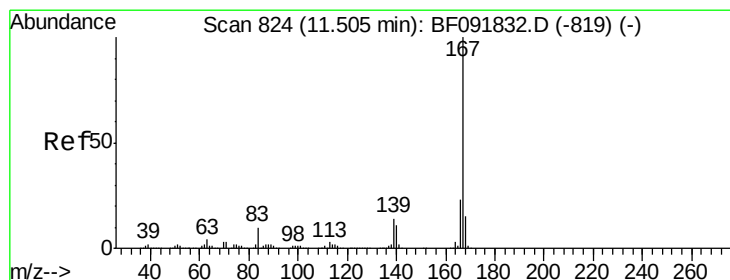
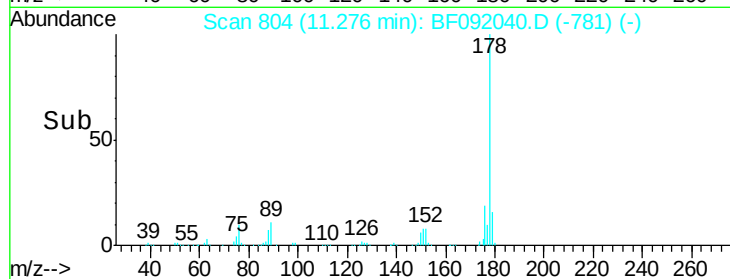
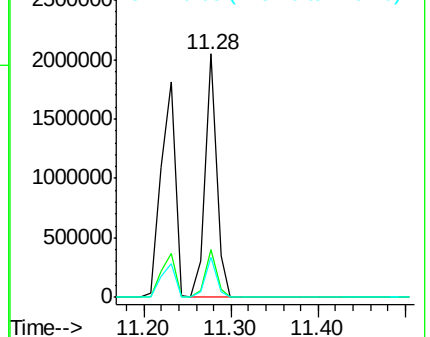
1/3/2017 9:14:06 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.05 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

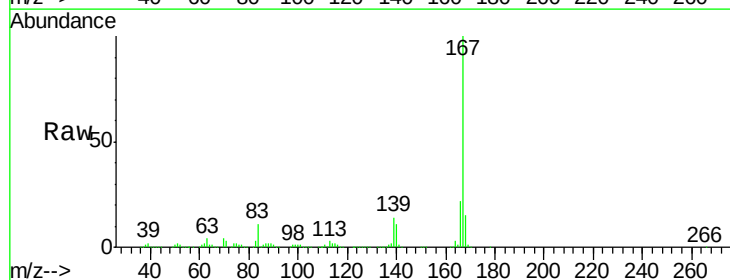
Tgt Ion:167 Resp: 1694020

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

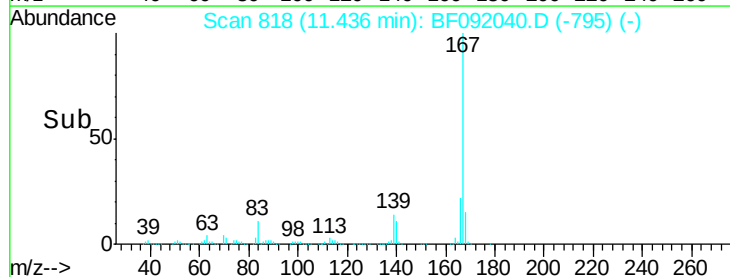
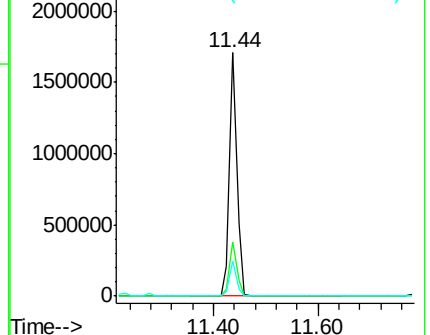
139 14.1 11.4 17.2

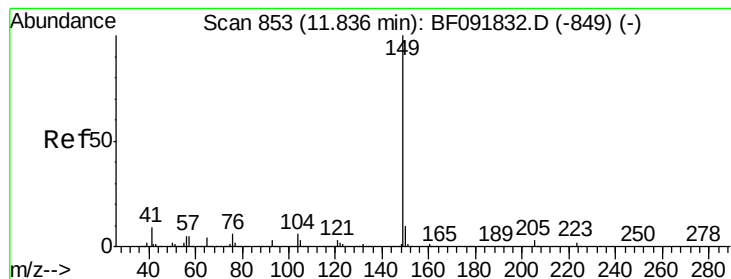


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.68 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2357925

Ion Ratio Lower Upper

149 100

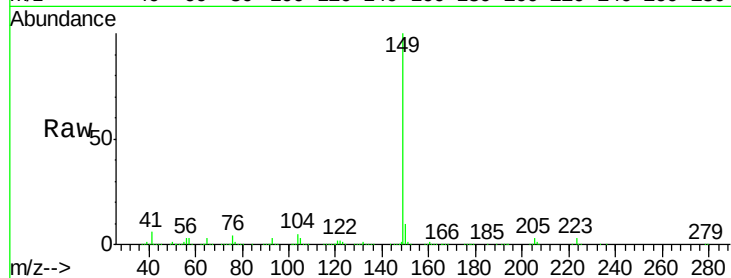
150 9.7 8.1 12.1

104 4.6 4.6 7.0#

Manual Integrations
APPROVED

mohammad

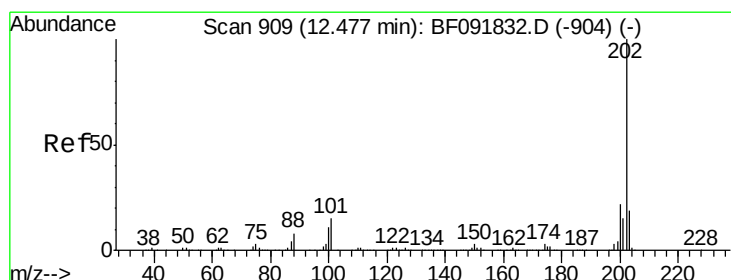
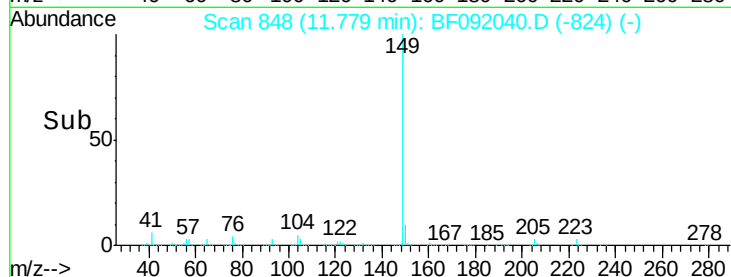
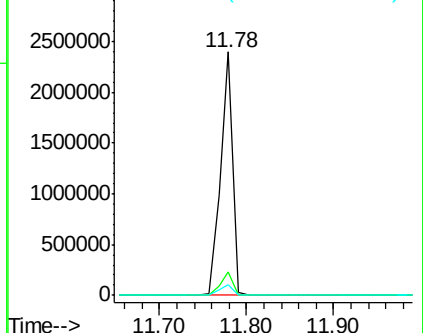
1/3/2017 9:14:06 AM



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: 40.50 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

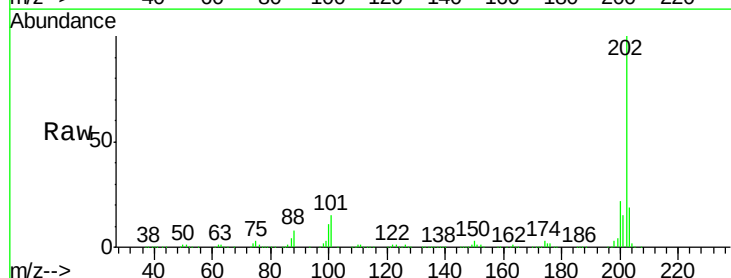
Tgt Ion:202 Resp: 1846296

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.6

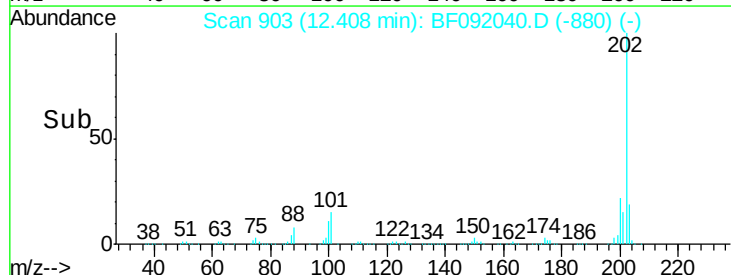
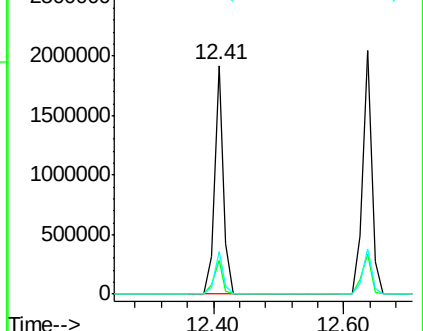
203 18.7 0.0 38.7

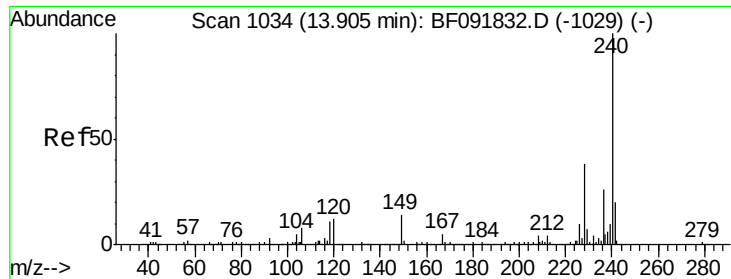


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

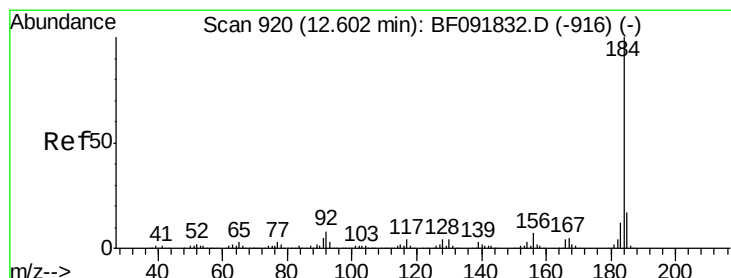
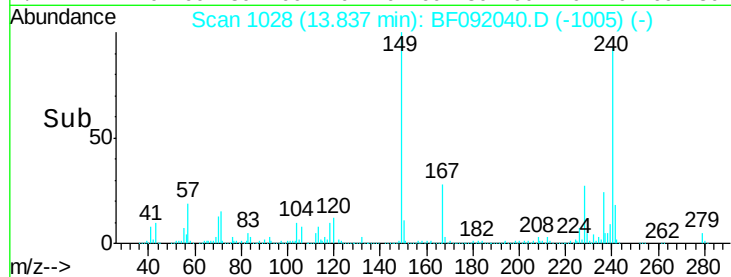
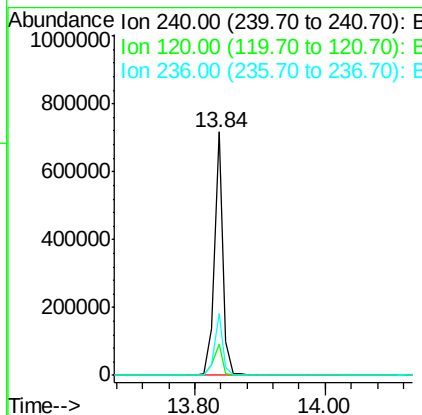
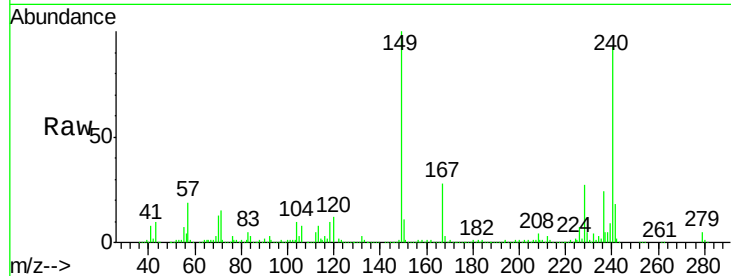
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 48.67 ng

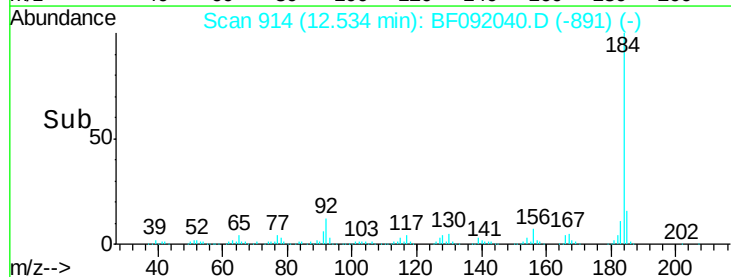
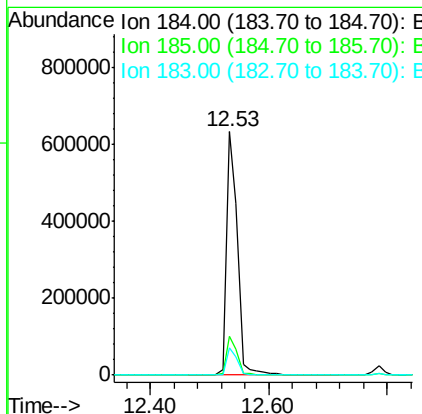
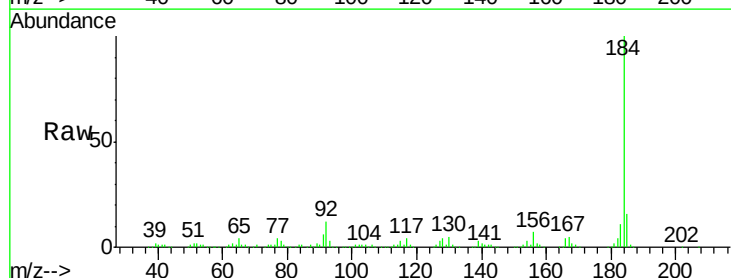
RT: 12.53 min Scan# 914

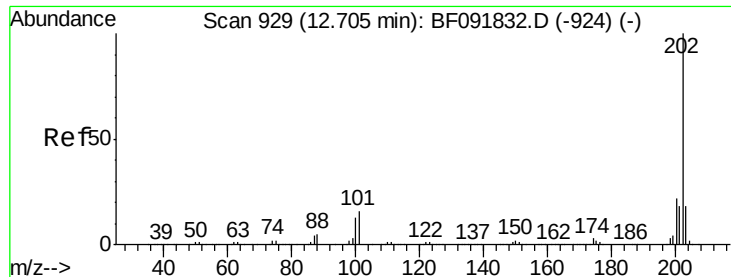
Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.4	20.0
183	11.0	9.2	13.8





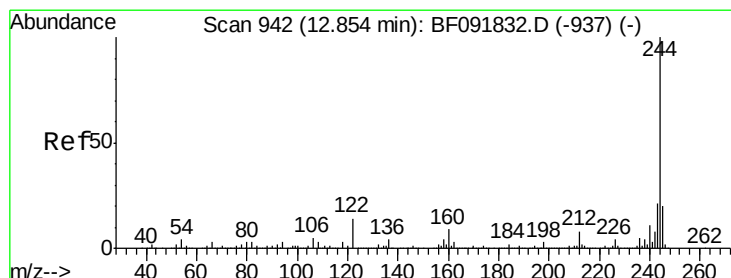
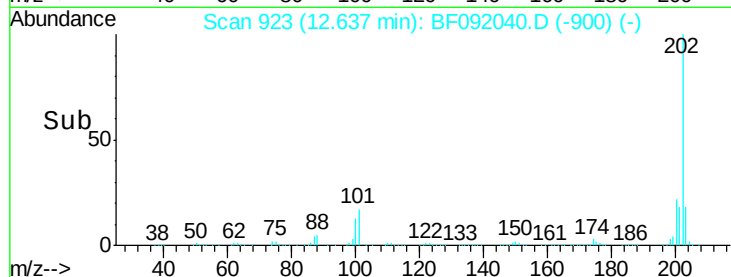
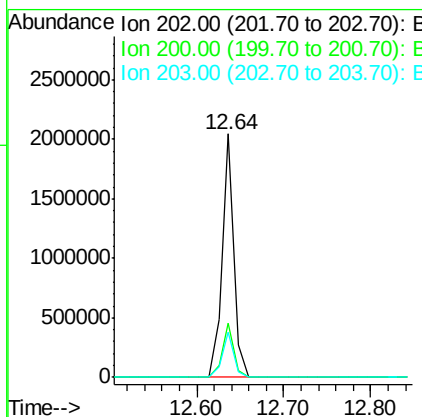
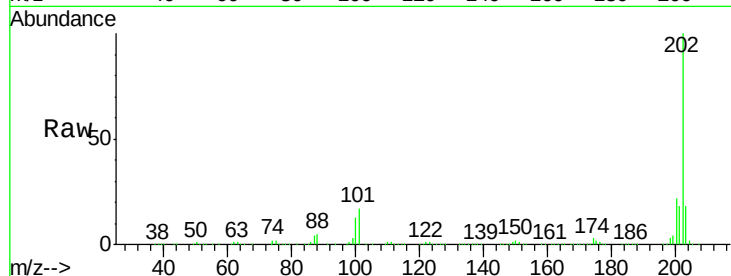
#77
Pvrene
Concen: 39.53 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.5	14.7	22.1

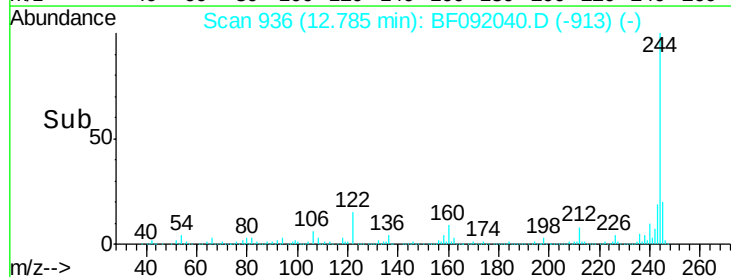
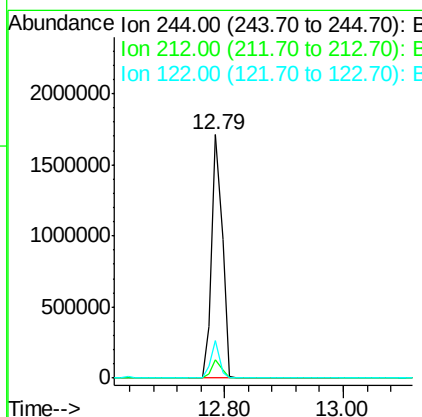
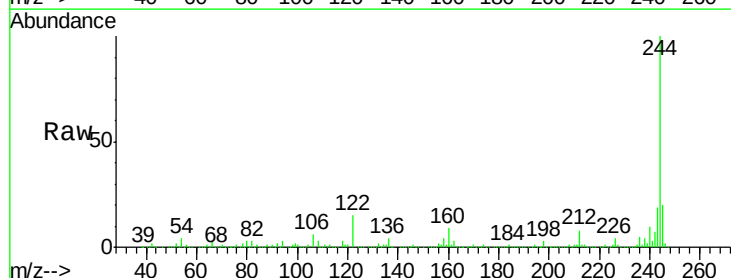
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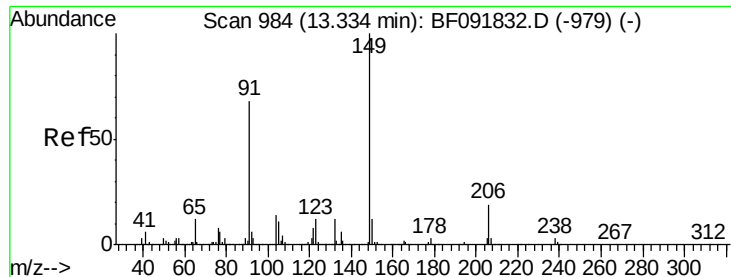
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#78
Terphenyl-d14
Concen: 77.05 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.3	11.4	17.2





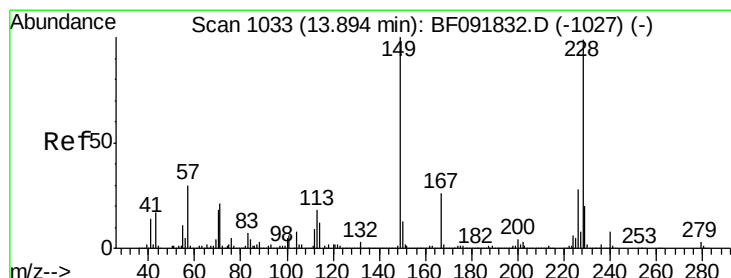
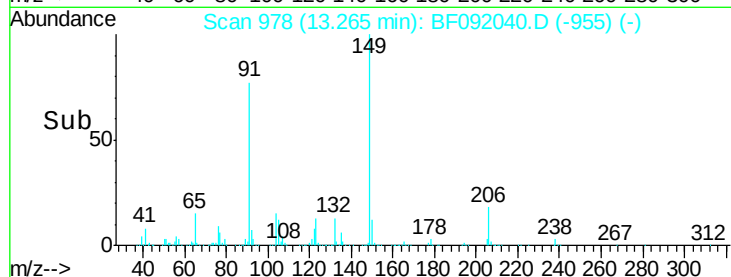
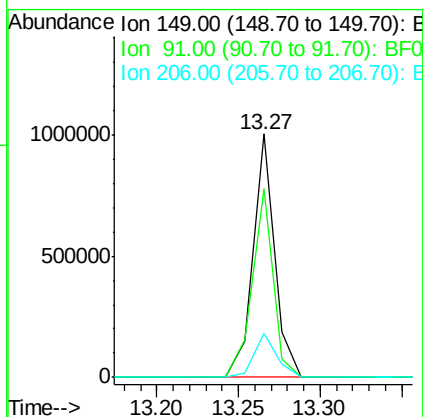
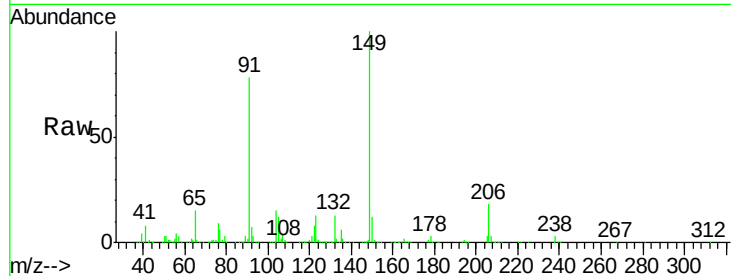
#79
Butylbenzylphthalate
Concen: 41.42 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.5	63.9	95.9
206	17.9	14.6	21.8

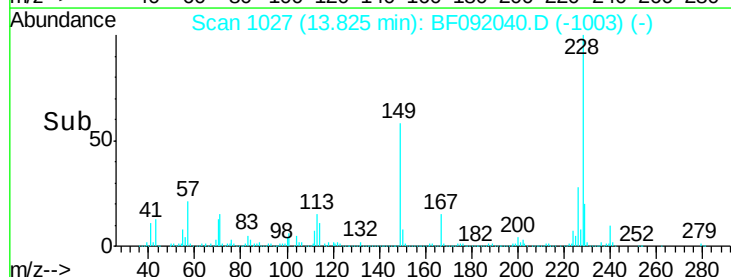
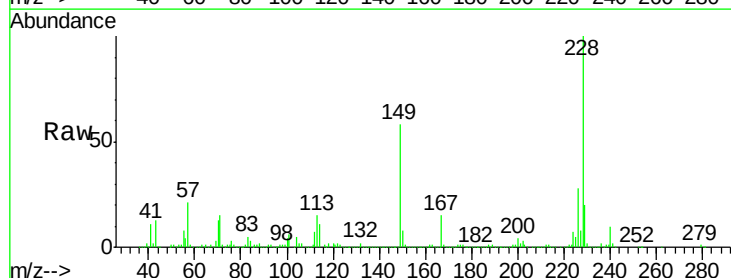
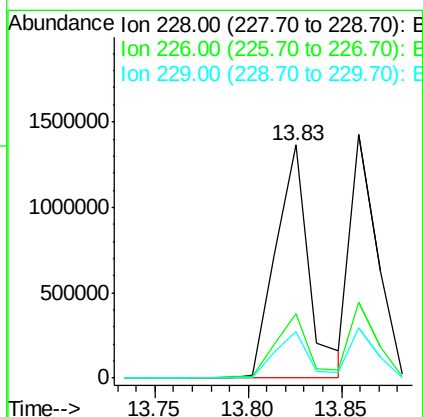
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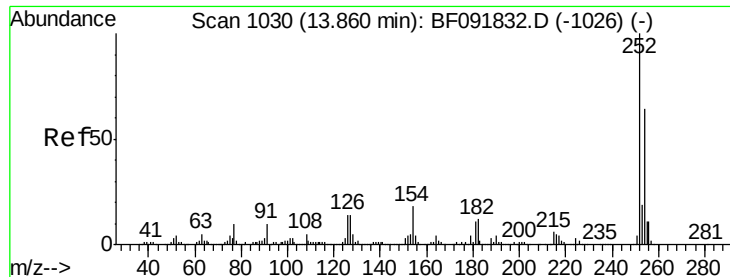
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#80
Benzo(a)anthracene
Concen: 45.05 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.1	16.2	24.4





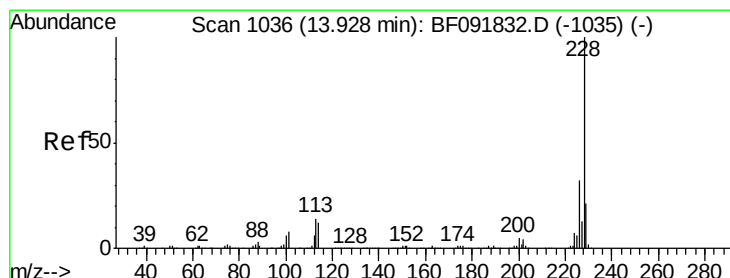
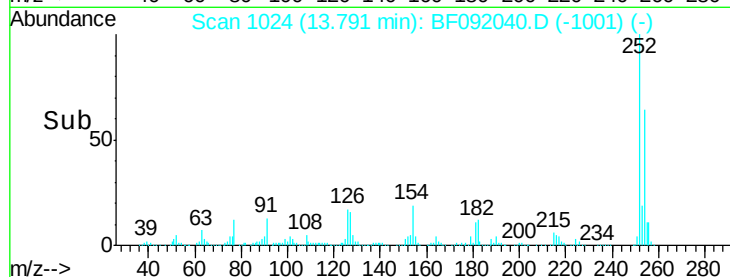
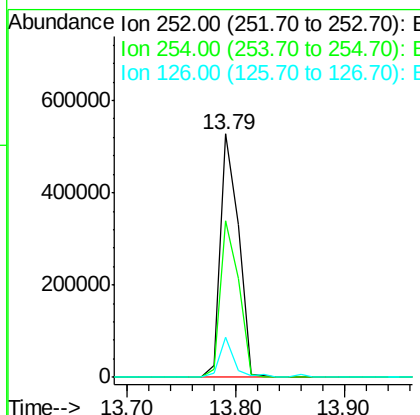
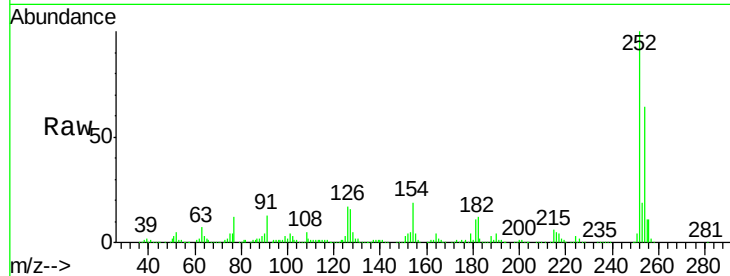
#81
3,3'-Dichlorobenzidine
Concen: 43.23 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	16.6	13.6	20.4

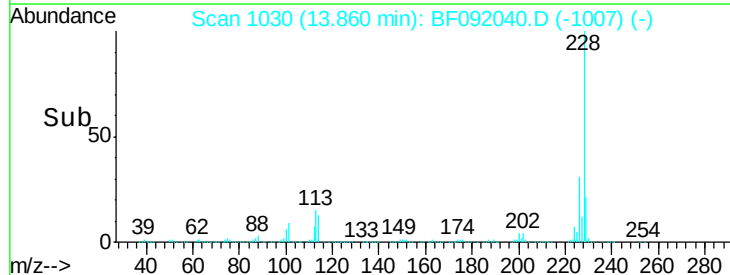
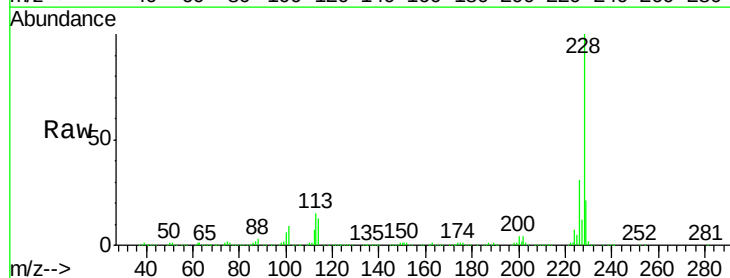
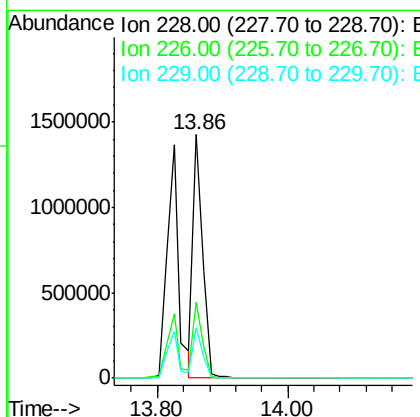
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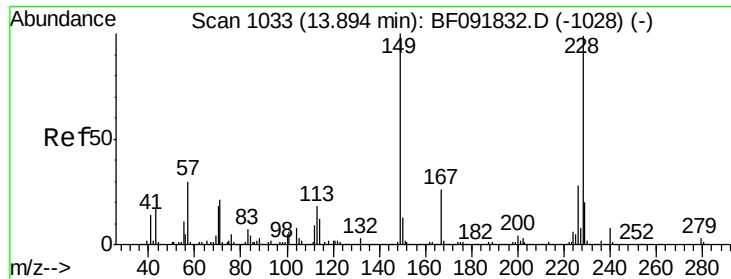
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#82
Chrysene
Concen: 38.45 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.6	16.2	24.2





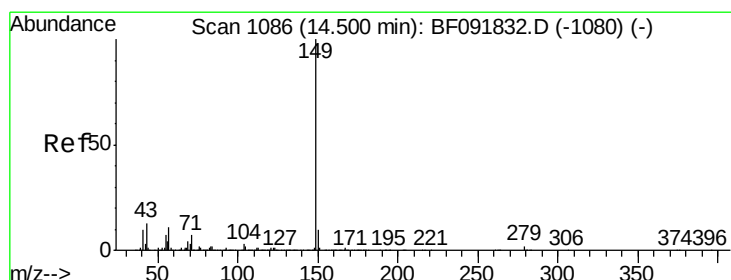
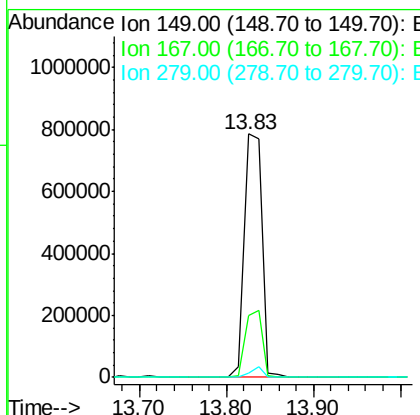
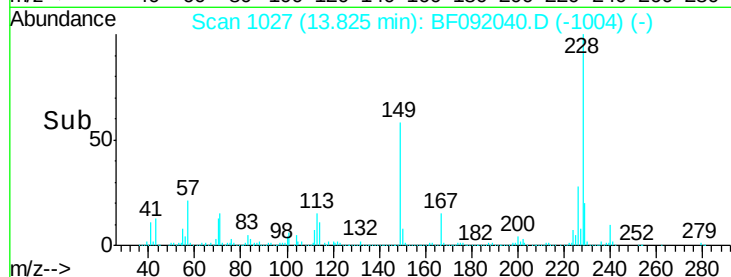
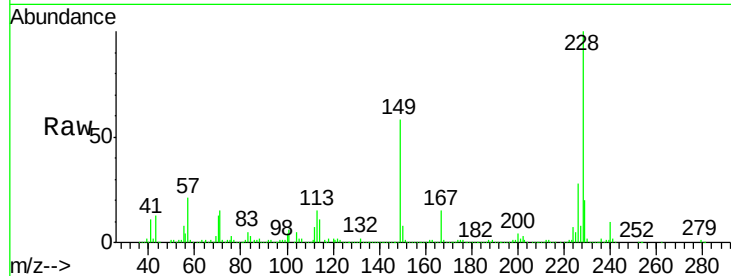
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.33 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1110582
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 1.8 1.8 2.8#

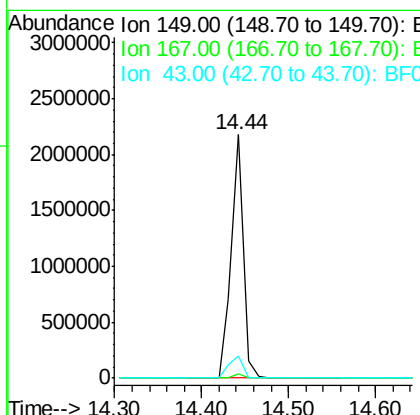
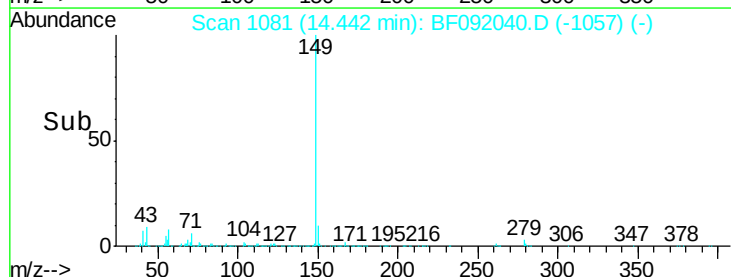
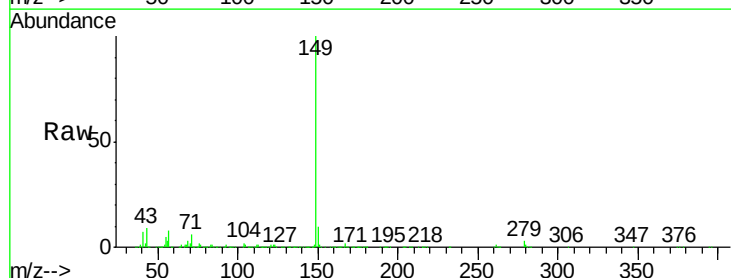
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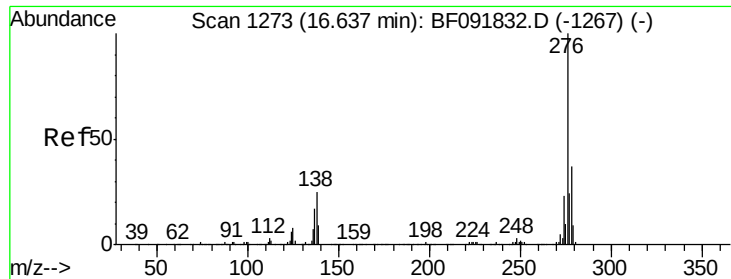
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#84
 Di-n-octyl phthalate
 Concen: 43.37 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:149 Resp: 2108050
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.28 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.06 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1286301

Ion Ratio Lower Upper

276 100

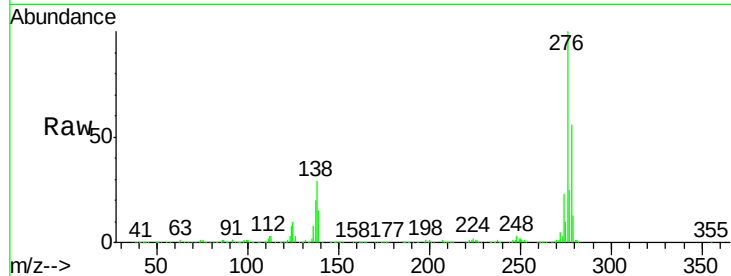
138 30.0 21.8 32.6

277 25.1 20.2 30.4

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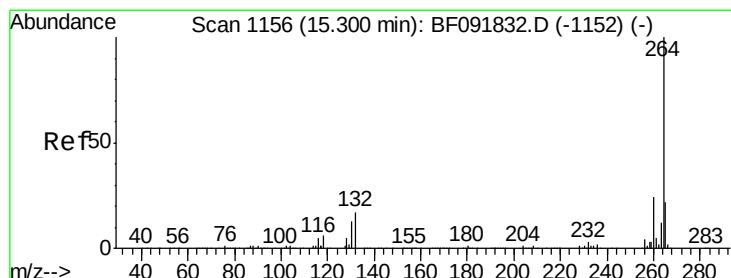
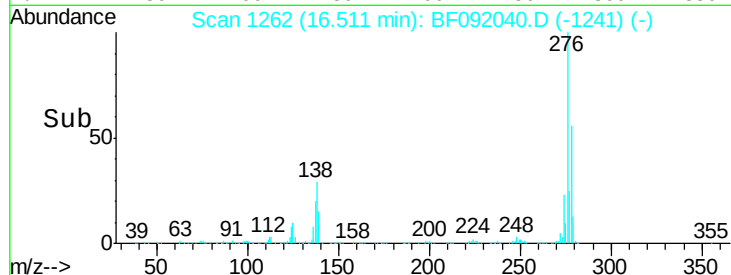
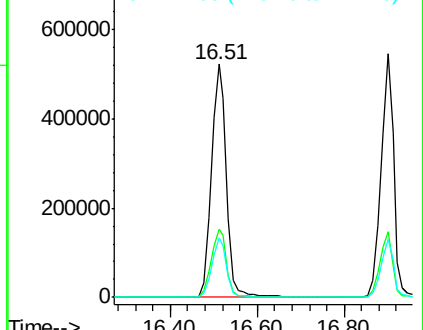
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

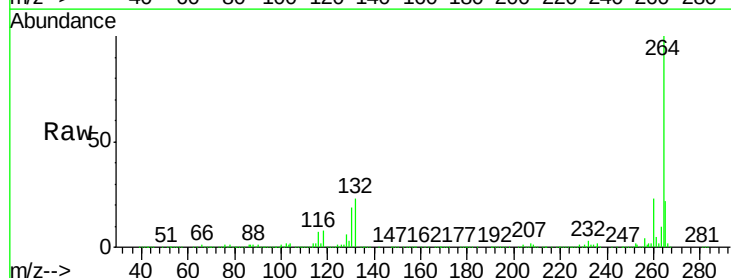
Tgt Ion:264 Resp: 627793

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

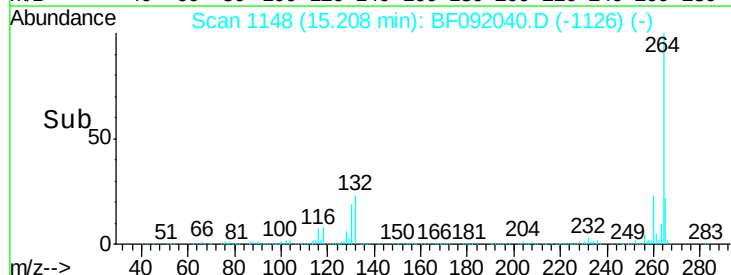
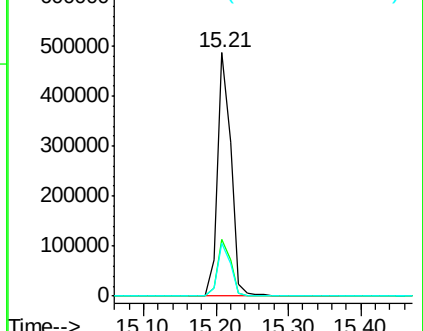
265 21.7 17.4 26.0

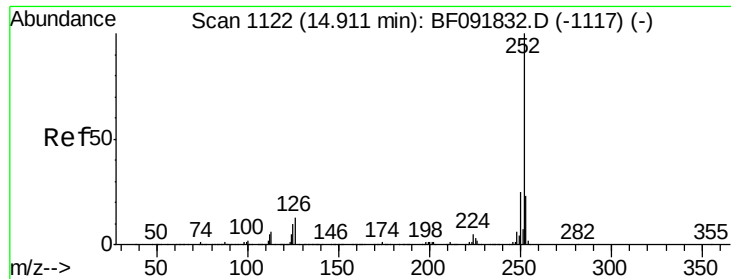


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





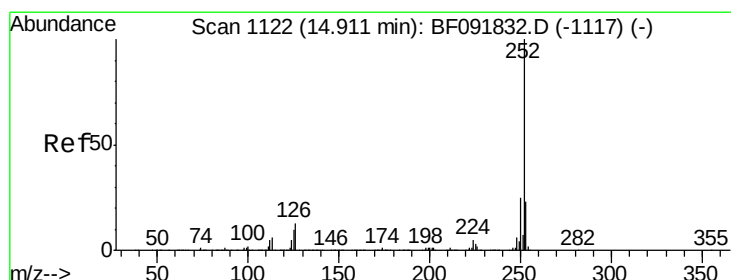
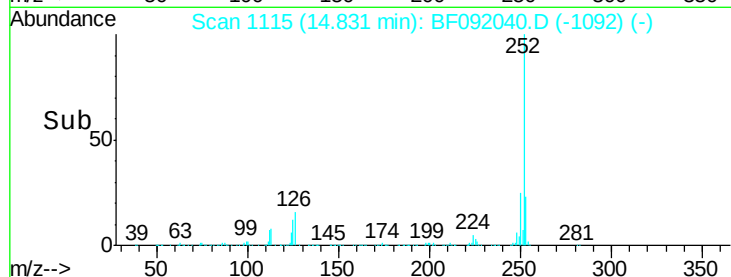
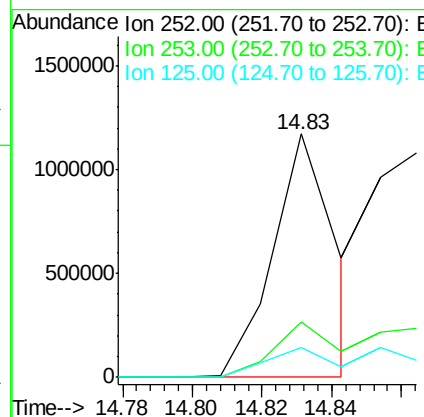
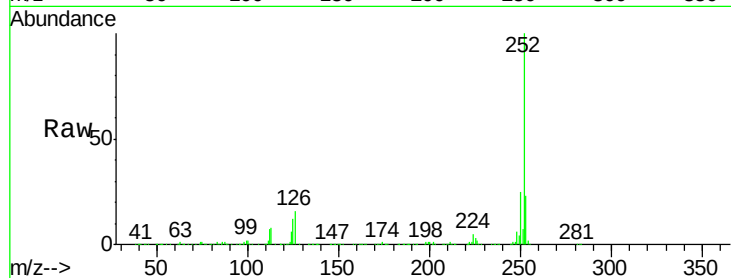
#87
Benzo(b)fluoranthene
Concen: 37.08 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	12.5	9.8	14.6

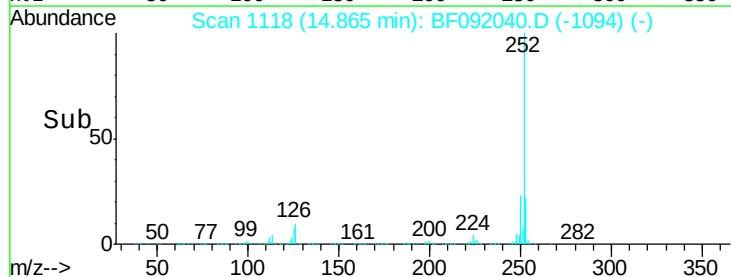
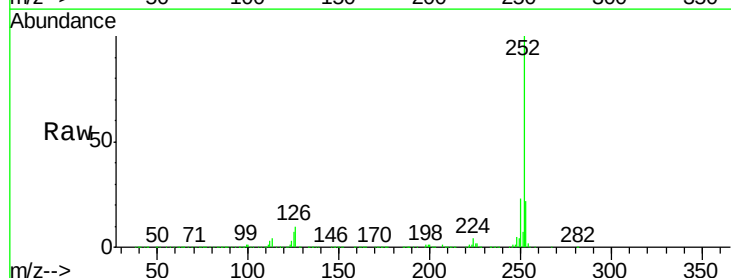
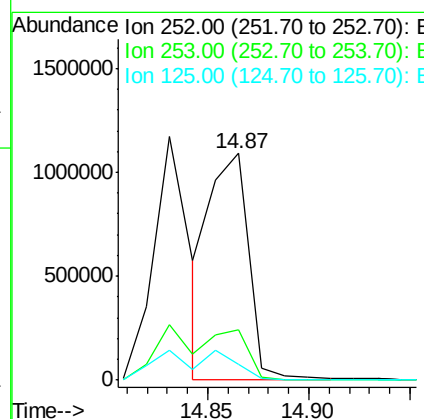
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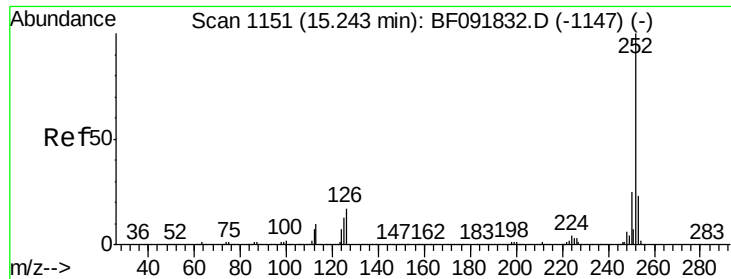
mohammad
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#88
Benzo(k)fluoranthene
Concen: 44.38 ng m
RT: 14.87 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	7.1	8.9	13.3#





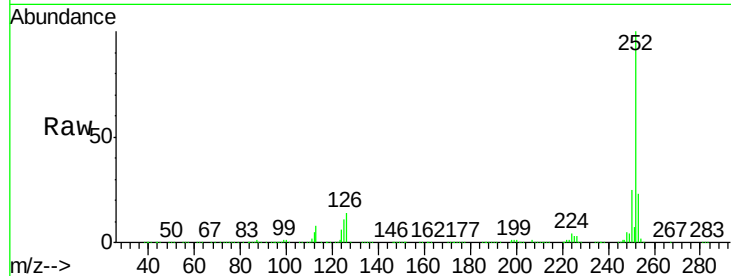
#89
Benzo(a)pyrene
Concen: 40.77 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

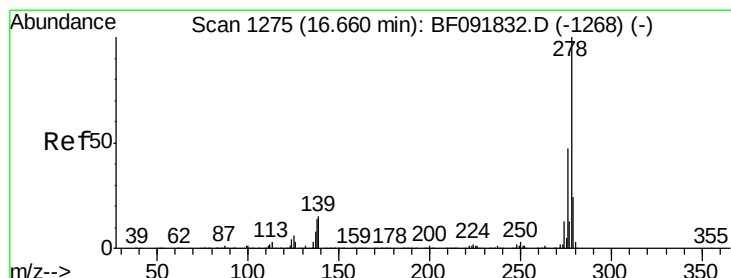
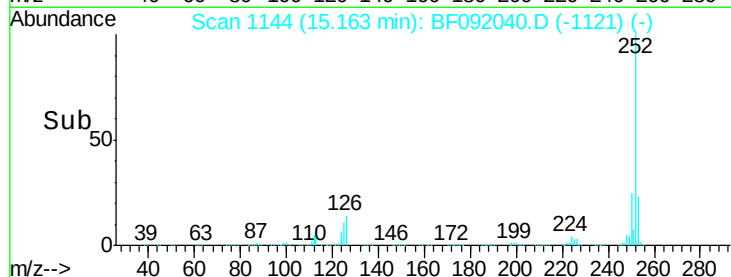
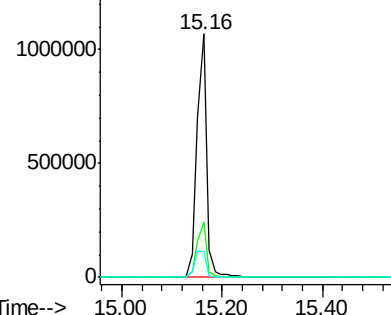
Tot Ion:252 Resp: 1414458
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.6 10.0 15.0

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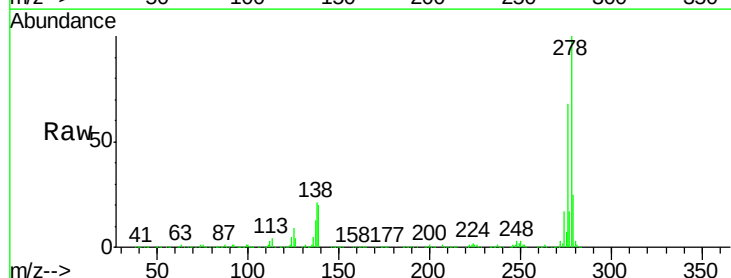


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

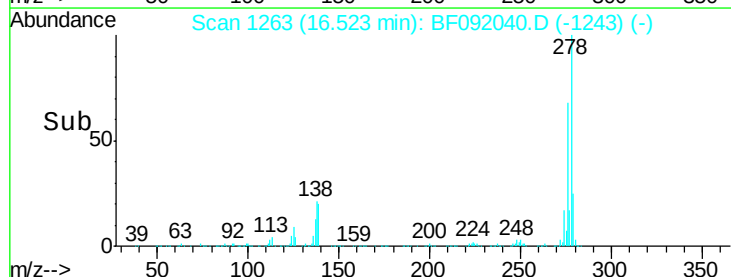
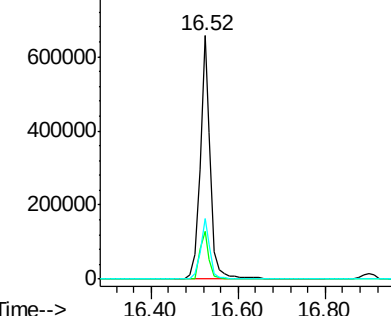


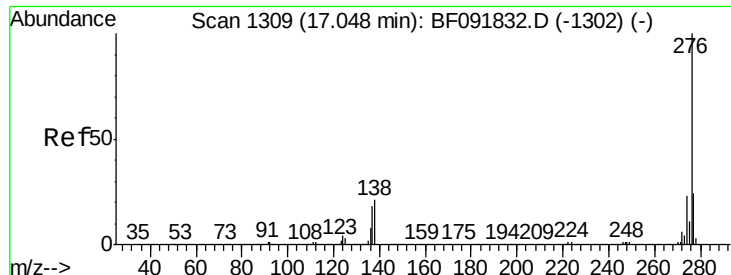
#90
Dibenzo(a,h)anthracene
Concen: 38.25 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:278 Resp: 1090681
Ion Ratio Lower Upper
278 100
139 19.8 14.8 22.2
279 24.7 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





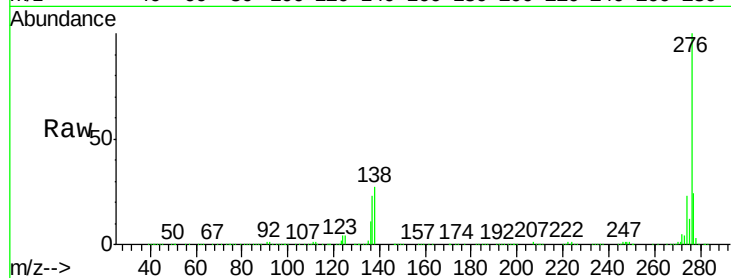
#91
 Benzo(a,h,i)perylene
 Concen: 37.74 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.07 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	26.8	16.0	24.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

