

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095025.D
 Acq On : 9 May 2017 16:39
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/10/2017 11:46:44 AM

Quant Time: May 10 01:29:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	144375	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	543523	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	256260	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	428629	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	340631	20.00	ng	-0.02
86) Perylene-d12	20.29	264	269008	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	712751	82.31	ng	-0.03
7) Phenol-d6	7.26	99	872269	83.95	ng	-0.02
23) Nitrobenzene-d5	8.62	82	749426	86.95	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	154739	73.73	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1394986	78.35	ng	-0.02
78) Terphenyl-d14	17.29	244	1069314	69.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	208789	49.16	ng	95
3) Pyridine	2.74	79	393174	39.94	ng	97
4) n-Nitrosodimethylamine	2.68	42	161925	39.47	ng	91
6) Aniline	7.22	93	577183	44.00	ng	96
8) 2-Chlorophenol	7.40	128	409485	41.54	ng	97
9) Benzaldehyde	7.02	77	244814	38.59	ng	95
10) Phenol	7.28	94	465004	42.47	ng	88
11) bis(2-Chloroethyl)ether	7.35	93	359154	39.73	ng	95
12) 1,3-Dichlorobenzene	7.62	146	464234	41.52	ng	98
13) 1,4-Dichlorobenzene	7.74	146	445868	39.32	ng	98
14) 1,2-Dichlorobenzene	7.98	146	431792	40.80	ng	94
15) Benzyl Alcohol	8.00	79	325168	48.66	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	504273	39.42	ng	61
17) 2-Methylphenol	8.21	107	336122	41.67	ng	96
18) Hexachloroethane	8.50	117	160591	41.81	ng	89
19) n-Nitroso-di-n-propylamine	8.43	70	296448	42.19	ng	94
20) 3+4-Methylphenols	8.47	107	457019	41.70	ng	# 61
22) Acetophenone	8.39	105	603421	46.27	ng	# 85
24) Nitrobenzene	8.65	77	396457	43.88	ng	94
25) Isophorone	9.05	82	645655	41.95	ng	97
26) 2-Nitrophenol	9.15	139	208720	42.81	ng	97
27) 2,4-Dimethylphenol	9.29	122	318144	40.36	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	421976	39.63	ng	99
29) 2,4-Dichlorophenol	9.57	162	307653	41.34	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	317788	39.86	ng	98
31) Naphthalene	9.77	128	1058512	38.75	ng	100
32) Benzoic acid	9.63	122	198576	39.39	ng	95
33) 4-Chloroaniline	9.90	127	422518	41.50	ng	# 92
34) Hexachlorobutadiene	9.99	225	162060	38.52	ng	99
35) Caprolactam	10.54	113	100569m	45.00	ng	
36) 4-Chloro-3-methylphenol	10.76	107	345962	43.48	ng	89
37) 2-Methylnaphthalene	10.90	142	782636	43.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	311550	39.53	ng	99
40) Hexachlorocyclopentadiene	11.15	237	121513	39.96	ng	99

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Instrument :
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 SSTDC040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	217767	41.39	nq	96
43) 2,4,5-Trichlorophenol	11.47	196	217565	38.47	nq	93
45) 1,1'-Biphenyl	11.66	154	828379	38.39	nq	98
46) 2-Chloronaphthalene	11.68	162	661363	37.96	nq	95
47) 2-Nitroaniline	11.89	65	192596	40.39	nq	# 82
48) Acenaphthylene	12.34	152	1021763	37.44	nq	99
49) Dimethylphthalate	12.21	163	799776	38.02	nq	99
50) 2,6-Dinitrotoluene	12.30	165	164230	38.27	nq	93
51) Acenaphthene	12.62	154	633357	38.86	nq	99
52) 3-Nitroaniline	12.57	138	183108	39.75	nq	90
53) 2,4-Dinitrophenol	12.77	184	83070	38.64	nq	# 66
54) Dibenzofuran	12.91	168	953817	42.29	nq	97
55) 4-Nitrophenol	12.95	139	99156	35.84	nq	# 68
56) 2,4-Dinitrotoluene	12.97	165	233761	42.39	nq	# 89
57) Fluorene	13.46	166	778077	39.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	168776	47.42	nq	93
59) Diethylphthalate	13.36	149	769790	38.18	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	345036	40.03	nq	91
61) 4-Nitroaniline	13.57	138	177910	42.07	nq	97
62) Azobenzene	13.74	77	740043	45.67	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	128138	44.59	nq	# 71
65) n-Nitrosodiphenylamine	13.69	169	661573	42.53	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	170392	37.63	nq	98
67) Hexachlorobenzene	14.35	284	170002	36.63	nq	# 85
68) Atrazine	14.61	200	169699	38.64	nq	97
69) Pentachlorophenol	14.71	266	72671	37.96	nq	97
70) Phenanthrene	15.01	178	978700	39.74	nq	99
71) Anthracene	15.09	178	1026063	40.79	nq	98
72) Carbazole	15.37	167	967431	42.27	nq	98
73) Di-n-butylphthalate	15.94	149	1181254	41.38	nq	98
74) Fluoranthene	16.74	202	1047005	41.44	nq	98
76) Benzidine	16.96	184	366320	40.89	nq	# 93
77) Pyrene	17.05	202	1044508	41.00	nq	100
79) Butylbenzylphthalate	17.95	149	482219	40.70	nq	# 86
80) Benzo(a)anthracene	18.62	228	795628	40.13	nq	98
81) 3,3'-Dichlorobenzidine	18.60	252	272815	39.84	nq	# 97
82) Chrysene	18.67	228	750163	39.13	nq	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	669225	39.64	nq	# 99
84) Di-n-octyl phthalate	19.46	149	1017116	36.75	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	561652	36.08	nq	99
87) Benzo(b)fluoranthene	19.89	252	700471	42.14	nq	99
88) Benzo(k)fluoranthene	19.92	252	616362	38.44	nq	97
89) Benzo(a)pyrene	20.24	252	613735	40.01	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	469196	37.04	nq	99
91) Benzo(g,h,i)perylene	21.96	276	505474	40.66	nq	96

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

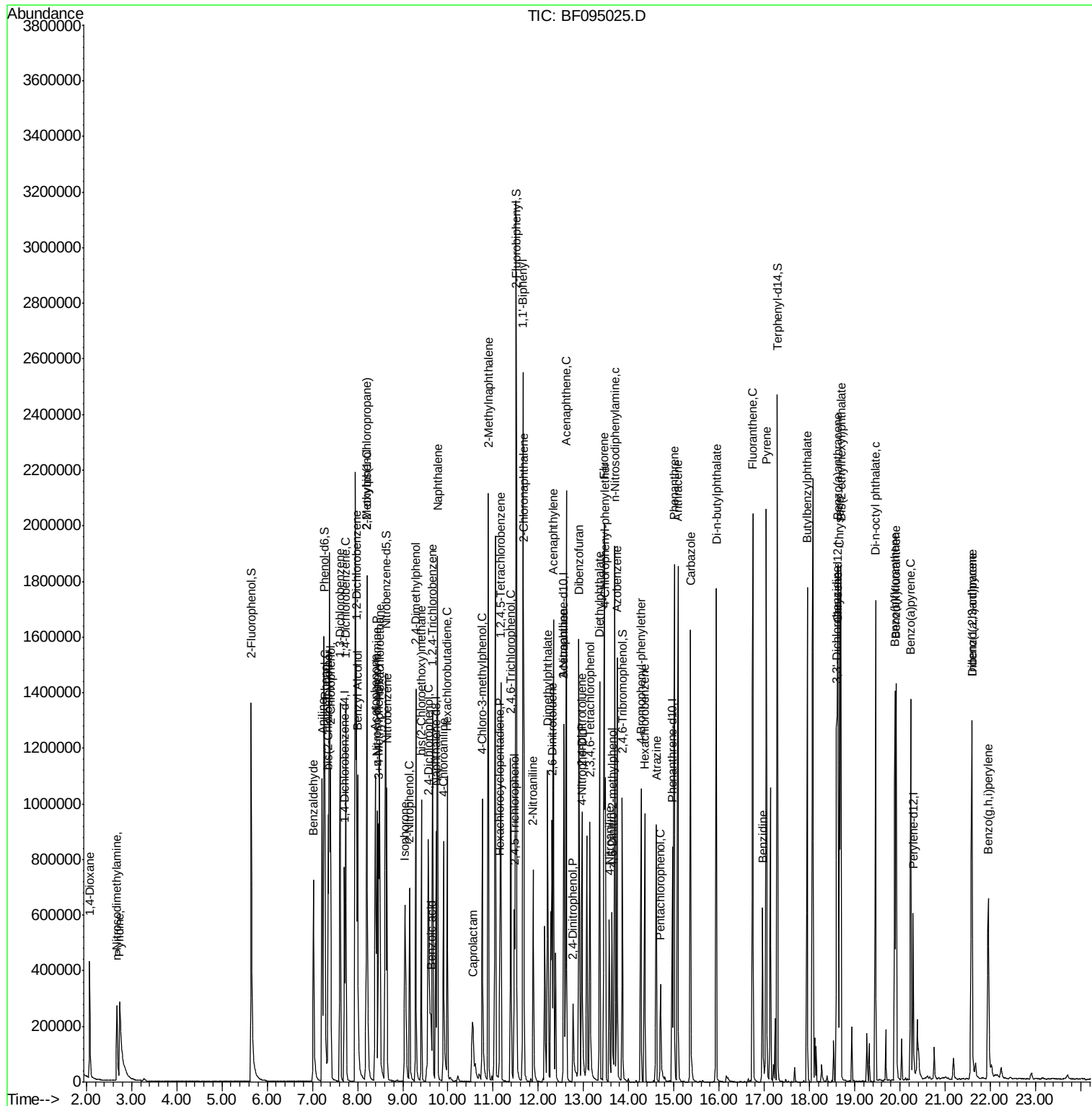
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
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Operator : SJ/MA
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Misc :
ALS Vial : 2 Sample Multiplier: 1

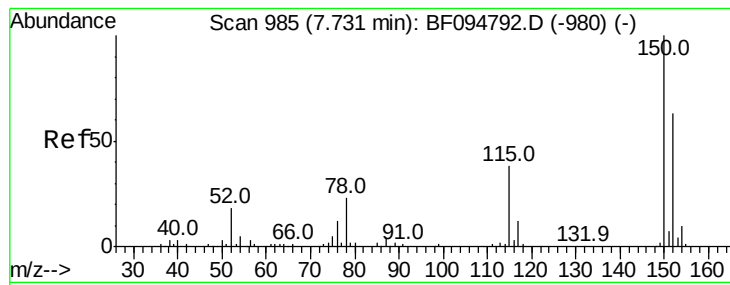
Instrument :
BNA_F
Client Sample Id :
SSTDCCC040

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#1

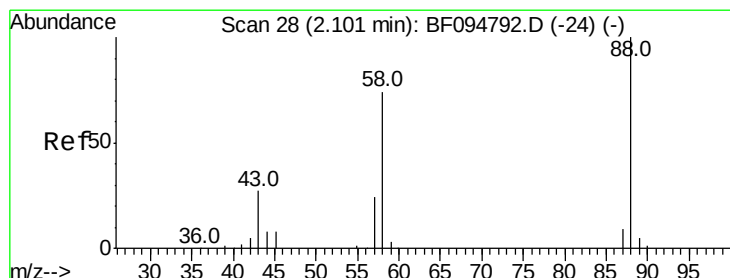
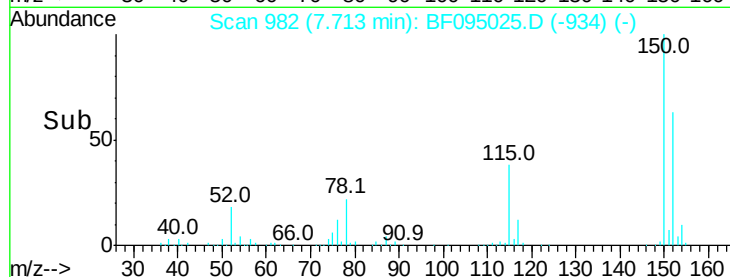
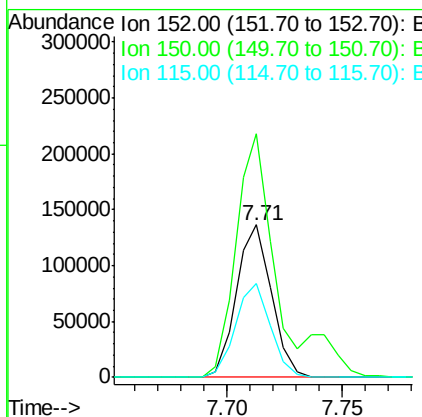
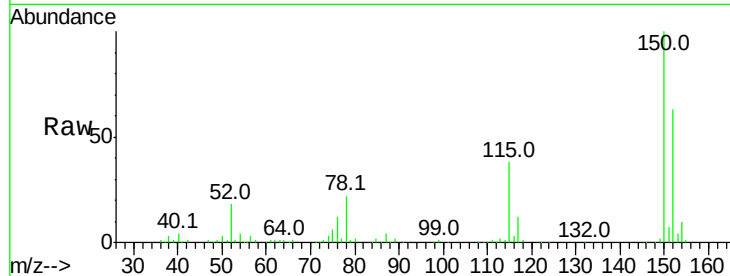
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	61.2	52.2	78.2

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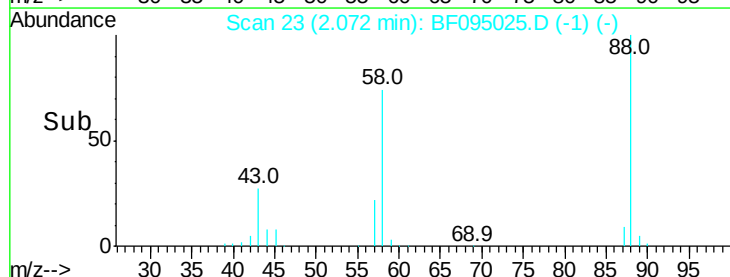
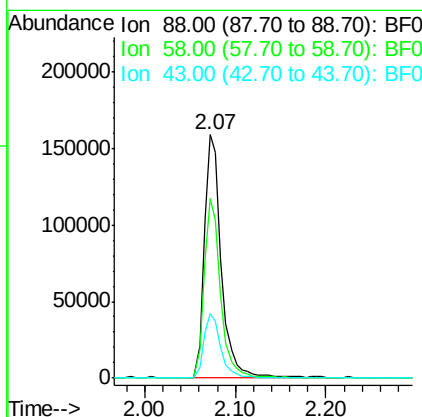
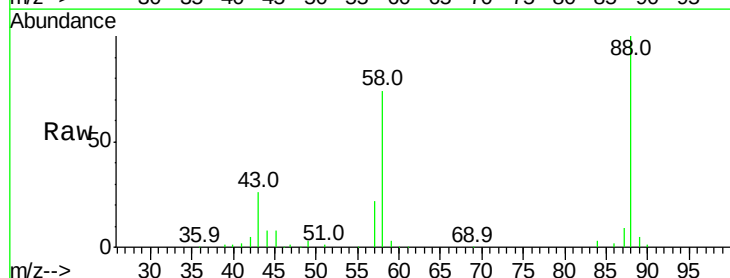
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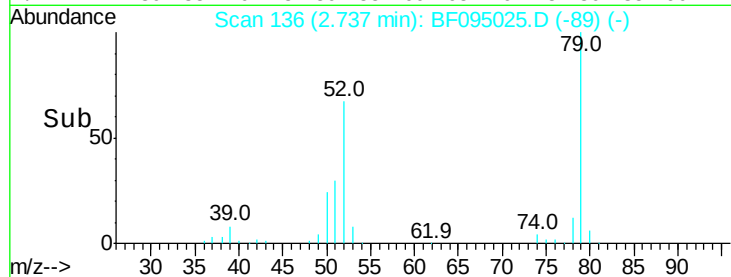
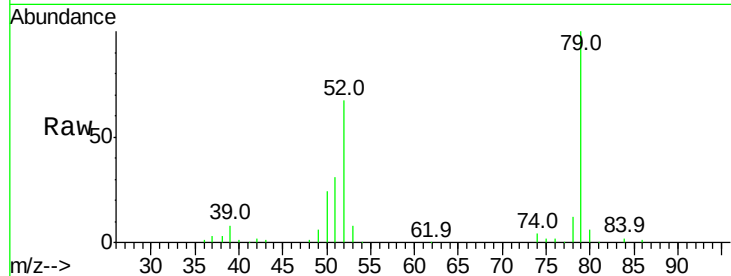
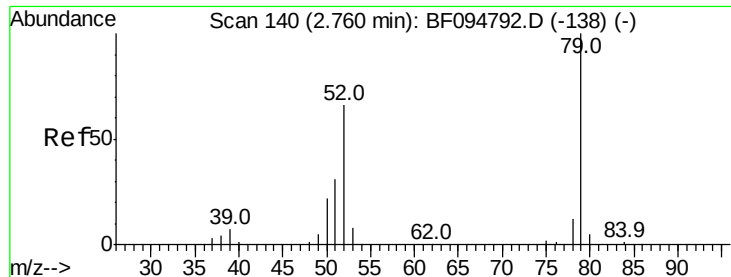


#2

1,4-Dioxane
Concen: 49.16 ng
RT: 2.07 min Scan# 23
Delta R.T. -0.03 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	61.4	92.0
43	26.6	23.4	35.0





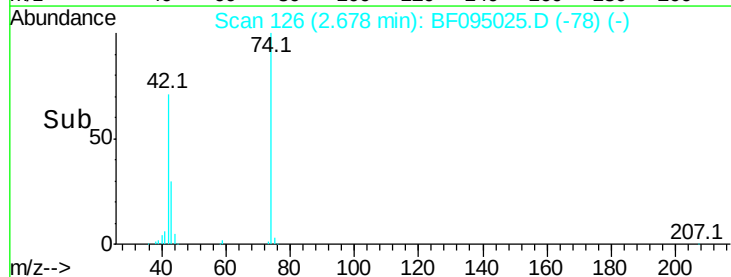
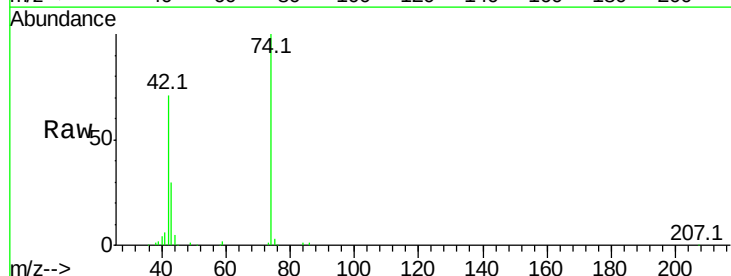
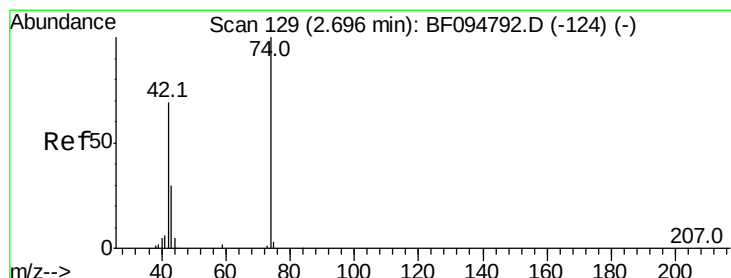
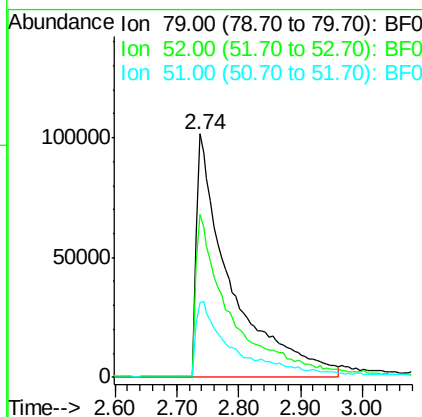
#3
 Pvridine
 Concen: 39.94 ng
 RT: 2.74 min Scan# 136
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	67.2		54.8	82.2
51	51	30.7		27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

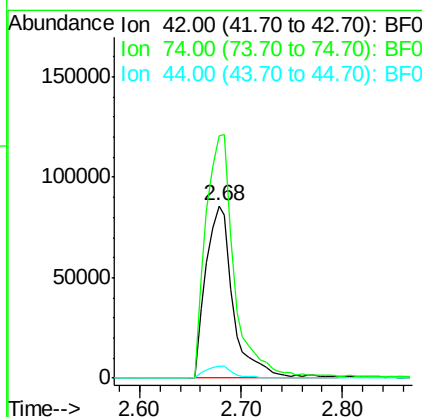
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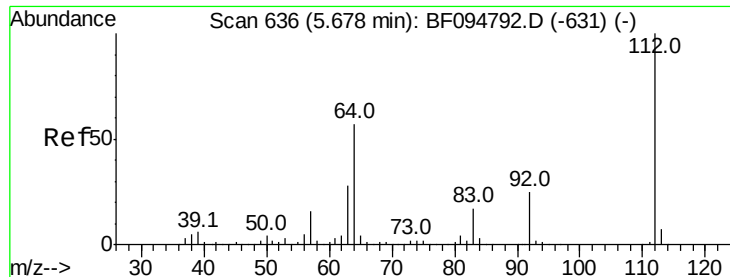
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#4
 n-Nitrosodimethylamine
 Concen: 39.47 ng
 RT: 2.68 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	141.2		103.9	155.9
44	44	6.6		5.7	8.5





#5

2-Fluorophenol

Concen: 82.31 ng

RT: 5.65 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

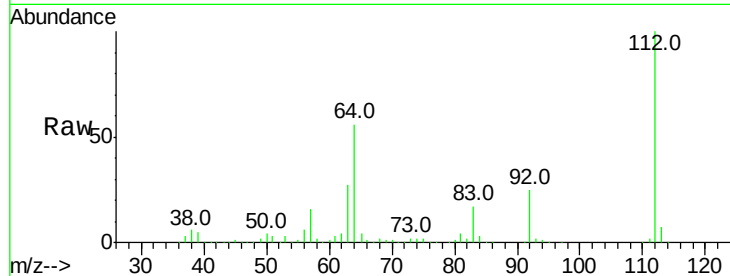
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	712751		
64	56.4	46.0	69.0	
63	27.2	23.4	35.0	

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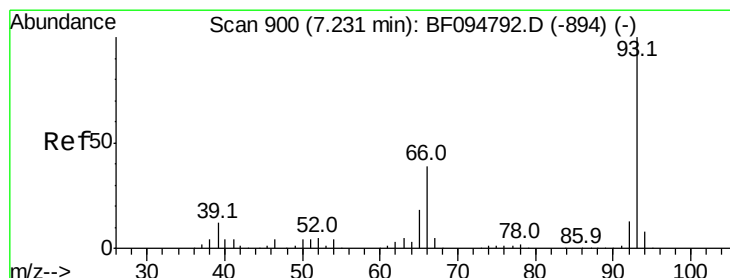
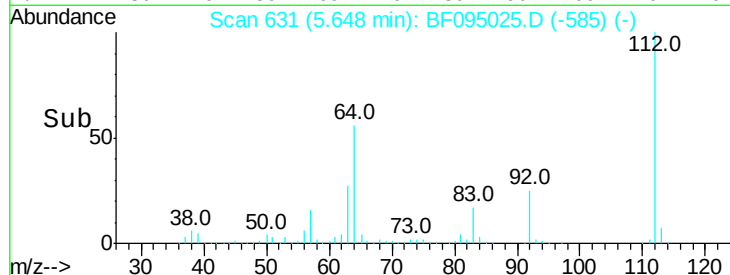
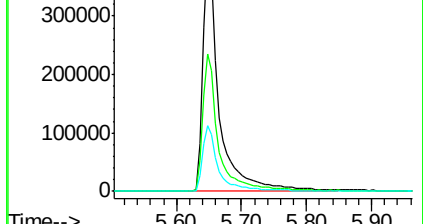
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.00 ng

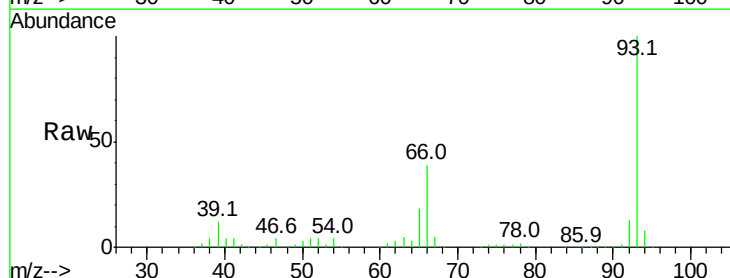
RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

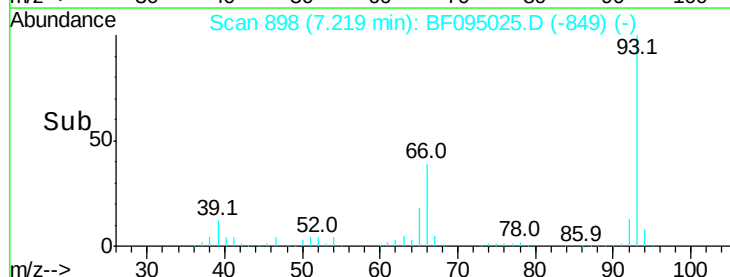
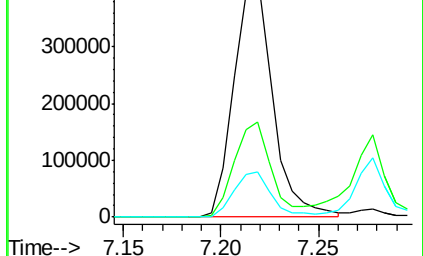
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	577183		
66	38.9	32.9	49.3	
65	18.4	16.0	24.0	

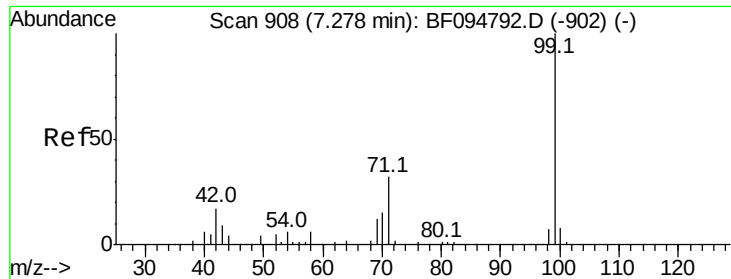


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.95 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

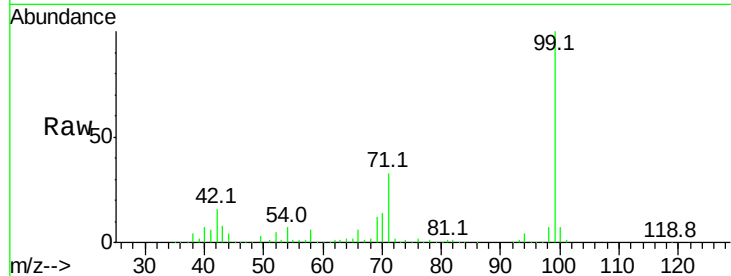
ClientSampleId :

SSTDCCC040

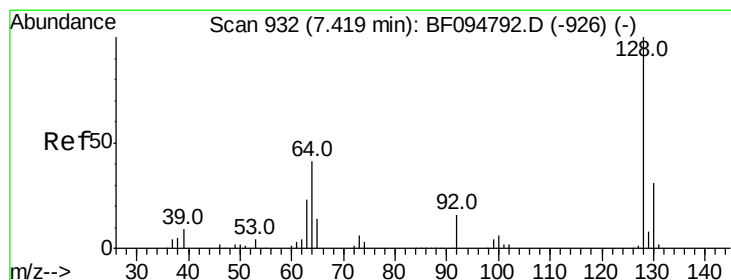
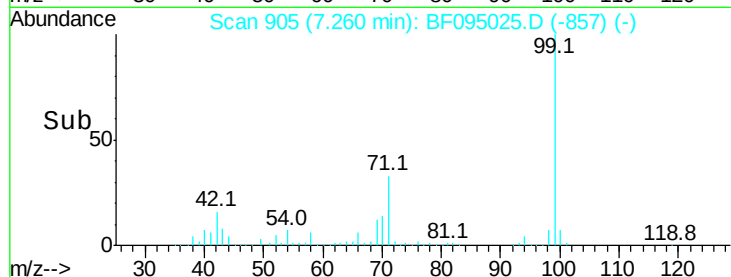
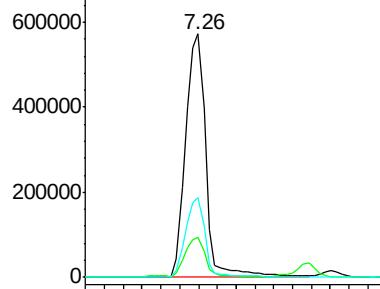
Tot Ion:	99	Resp:	872269
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.7	24.5	36.7

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



#8

2-Chlorophenol

Concen: 41.54 ng

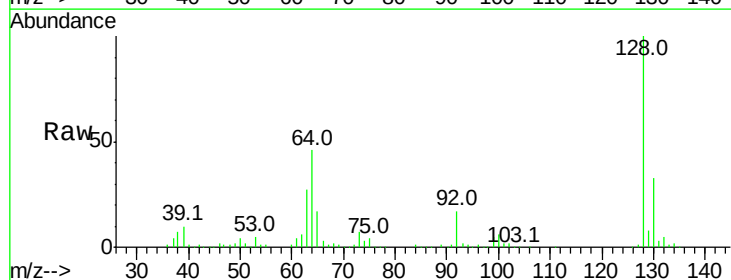
RT: 7.40 min Scan# 929

Delta R.T. -0.02 min

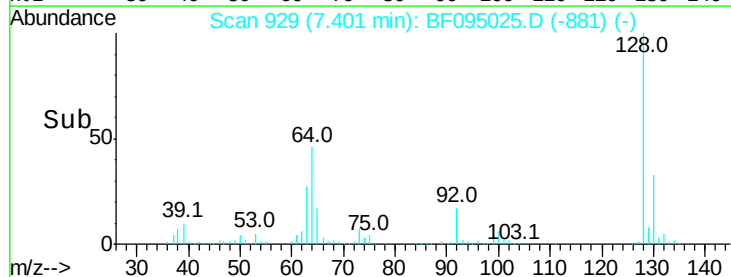
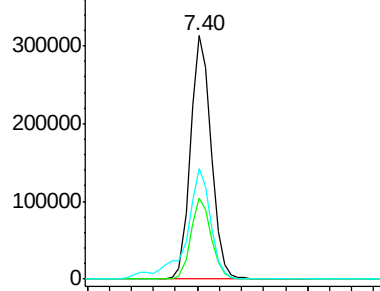
Lab File: BF095025.D

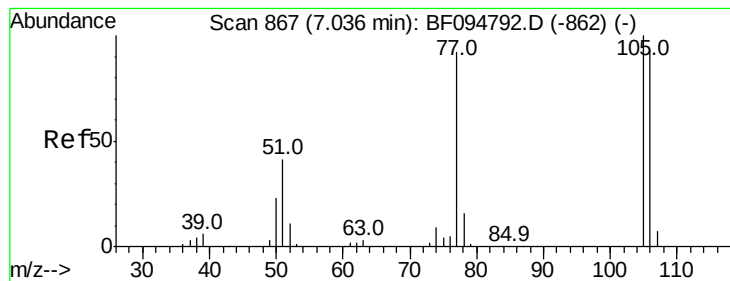
Acq: 9 May 2017 16:39

Tgt Ion:	128	Resp:	409485
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	45.6	28.4	68.4



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





#9

Benzaldehyde

Concen: 38.59 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

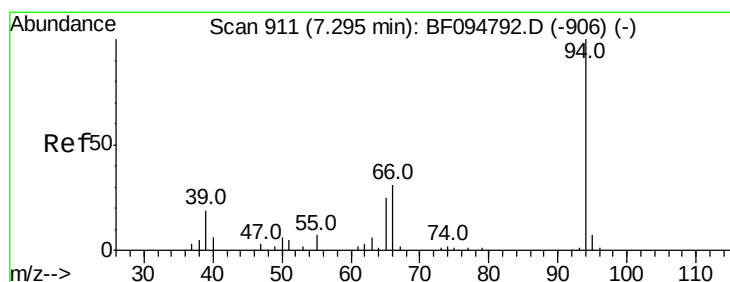
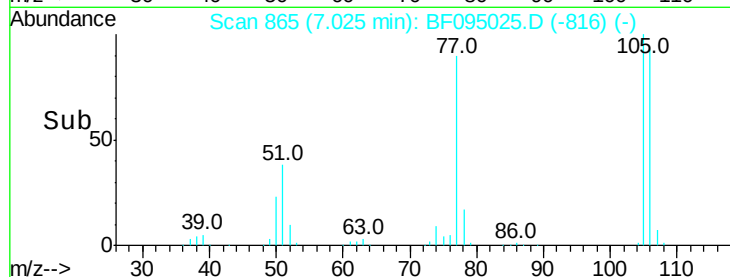
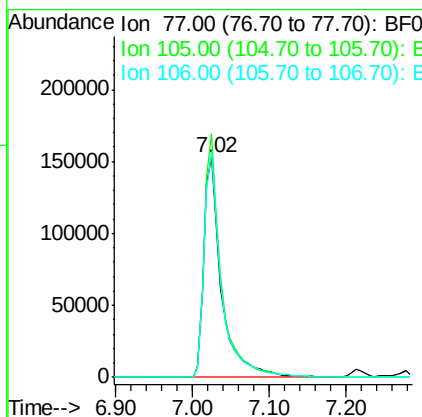
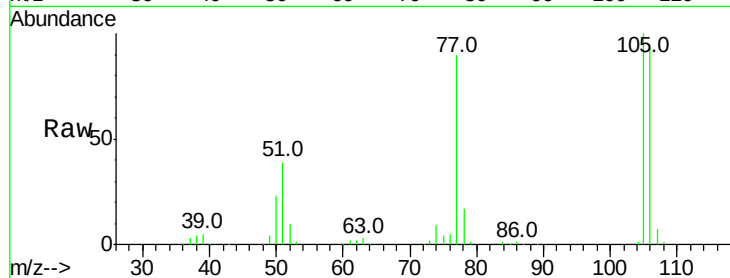
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	244814
Ion	Ratio	Lower	Upper
77	100		
105	110.6	83.8	123.8
106	102.5	79.1	119.1

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#10

Phenol

Concen: 42.47 ng

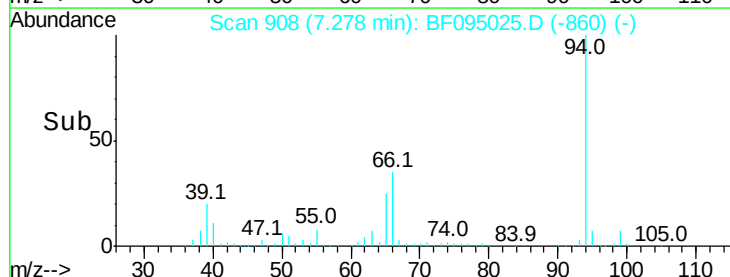
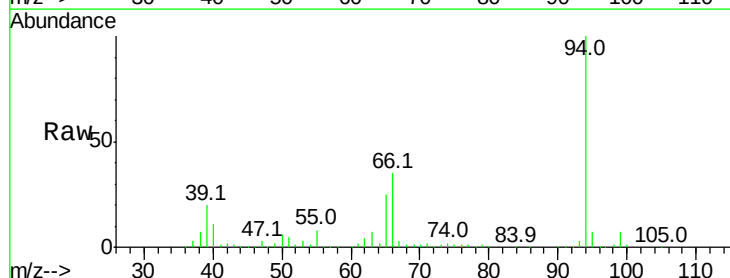
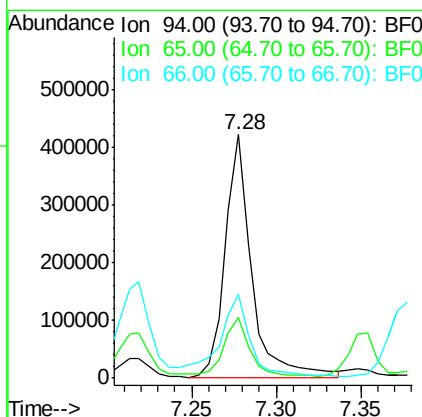
RT: 7.28 min Scan# 908

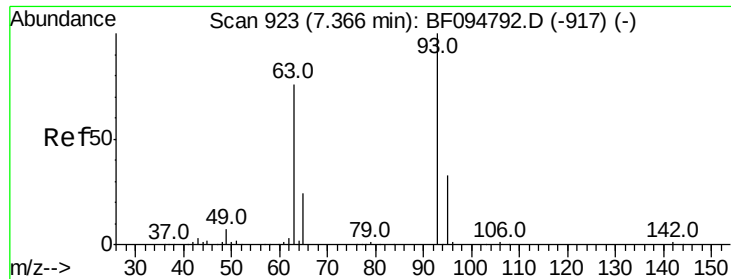
Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion:	94	Resp:	465004
Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	34.6	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.73 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

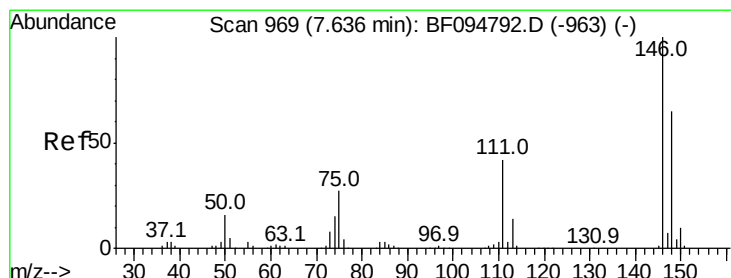
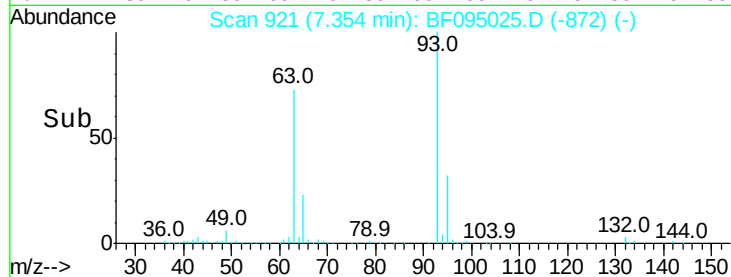
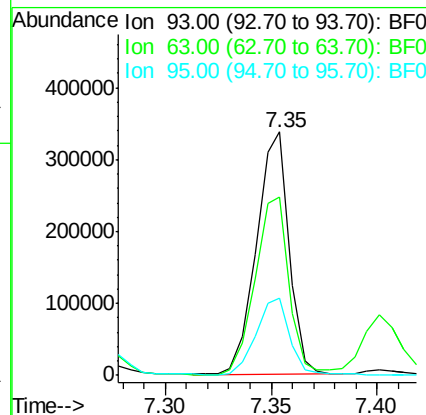
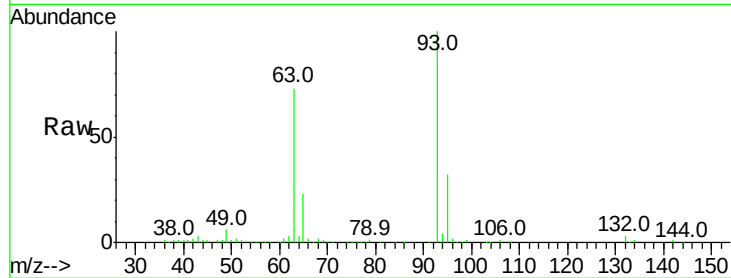
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	359154
Ion Ratio	Lower	Upper	
93	100		
63	73.5	59.2	99.2
95	31.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.52 ng

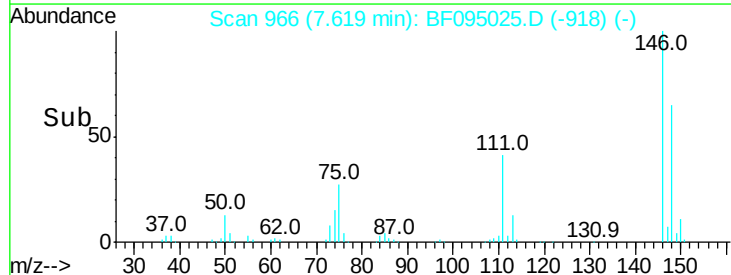
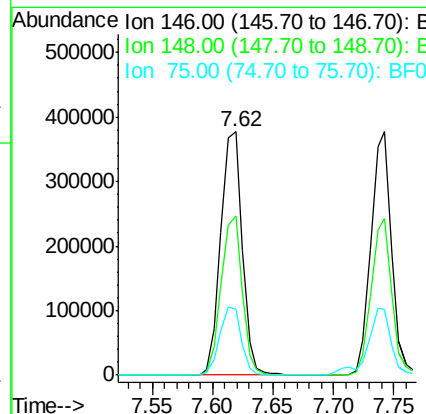
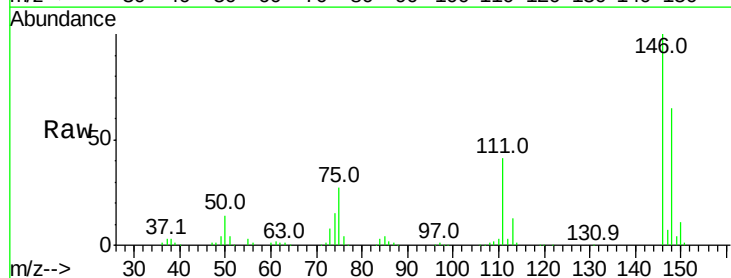
RT: 7.62 min Scan# 966

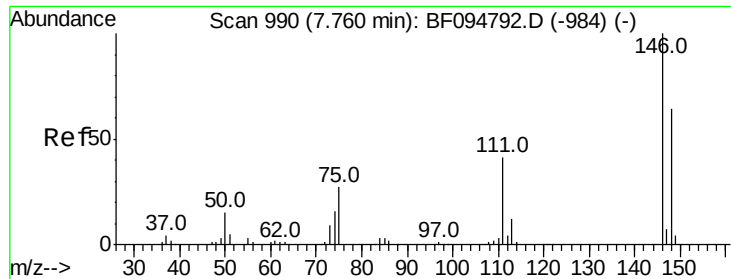
Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion:	146	Resp:	464234
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
75	27.2	23.1	34.7





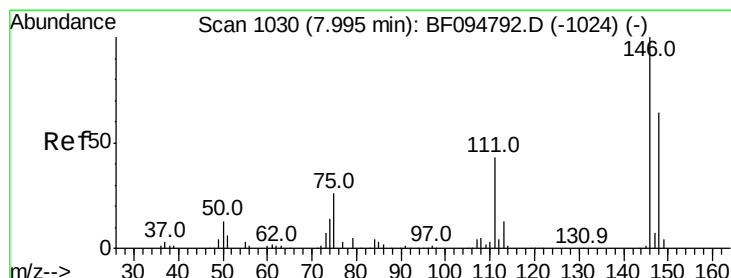
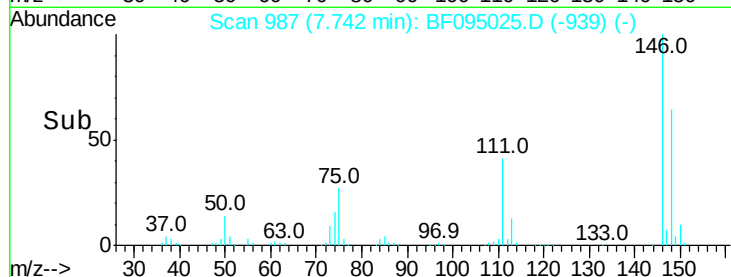
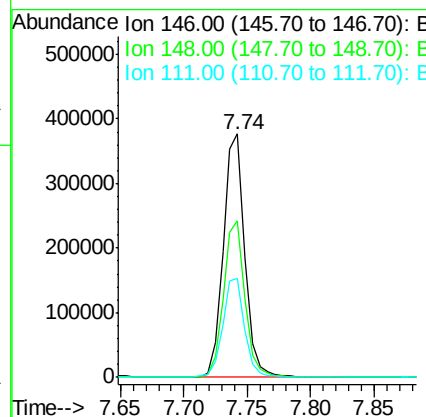
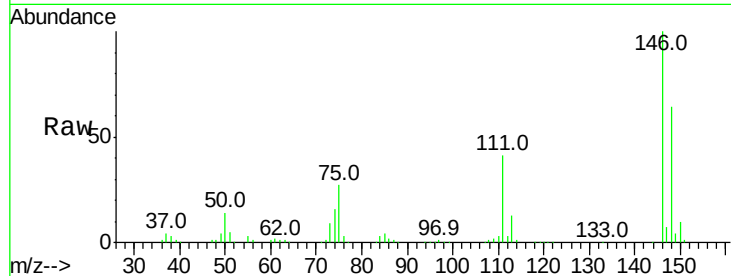
#13
 1,4-Dichlorobenzene
 Concen: 39.32 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	40.7	30.3	45.5

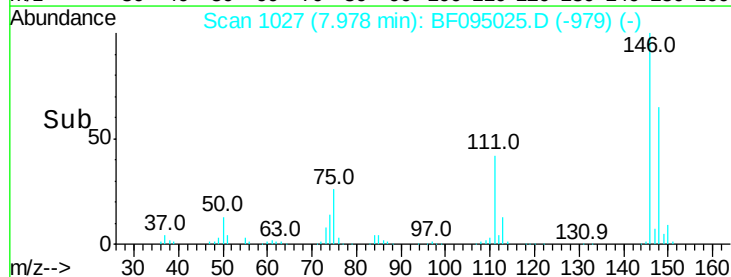
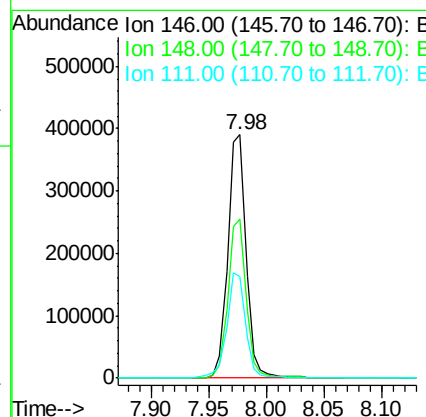
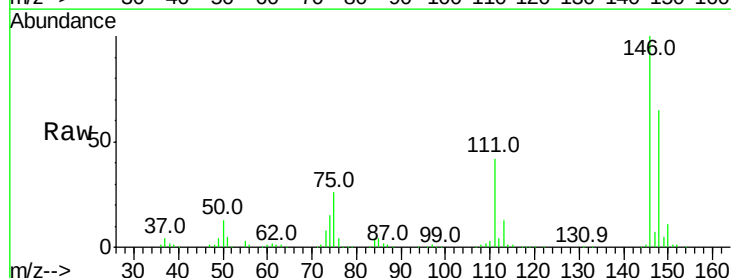
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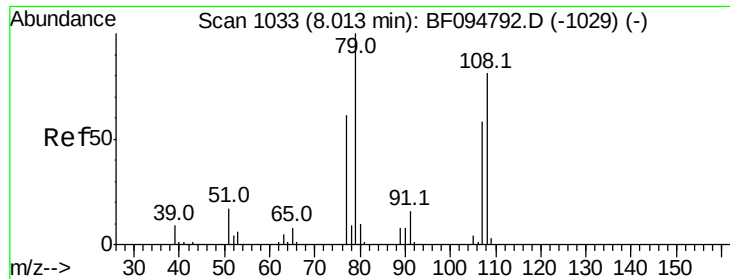
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#14
 1,2-Dichlorobenzene
 Concen: 40.80 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
111	41.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 48.66 ng

RT: 8.00 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

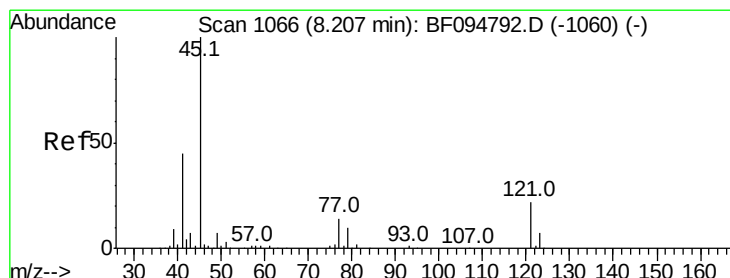
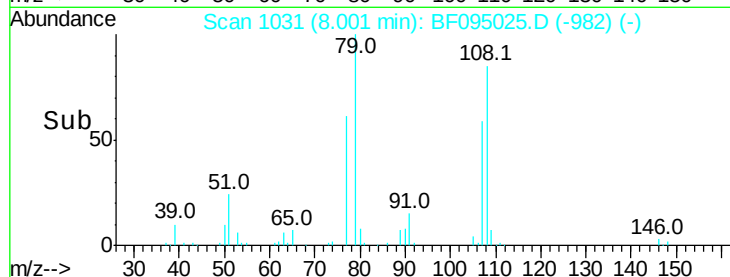
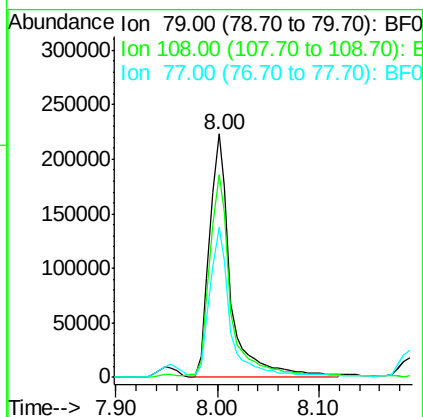
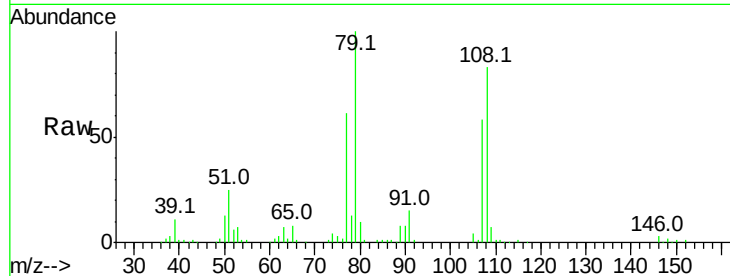
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	63.4	95.0
77	61.5	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.42 ng

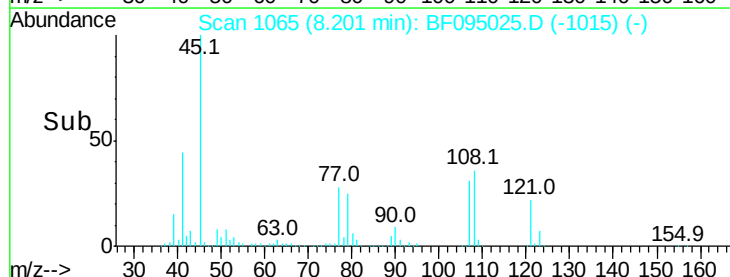
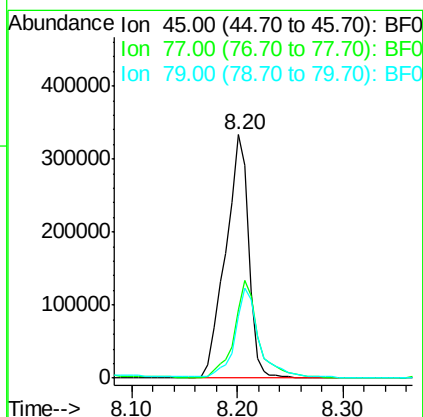
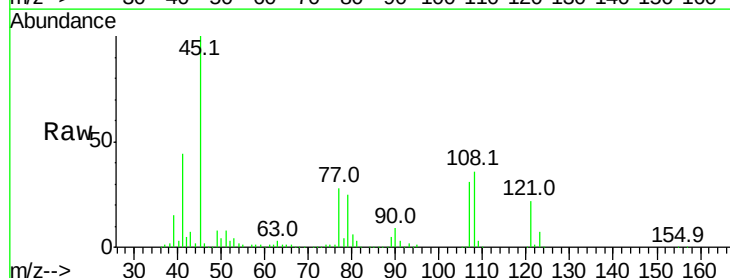
RT: 8.20 min Scan# 1065

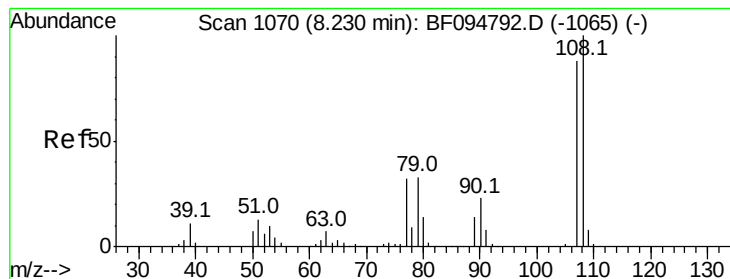
Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.8	0.0	33.2
79	25.2	0.0	30.0





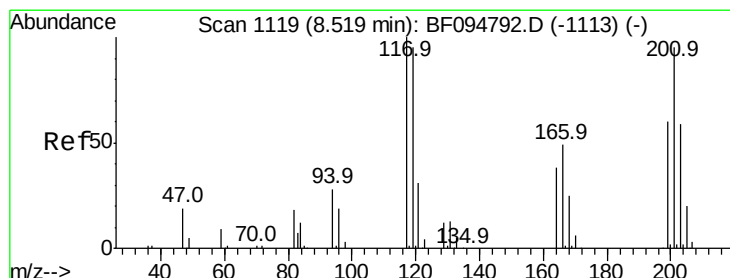
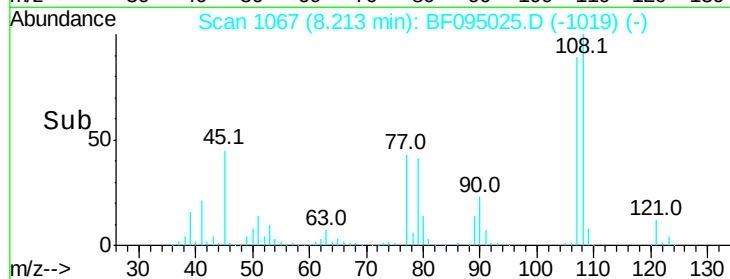
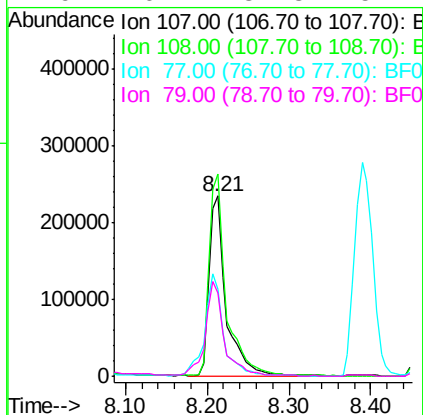
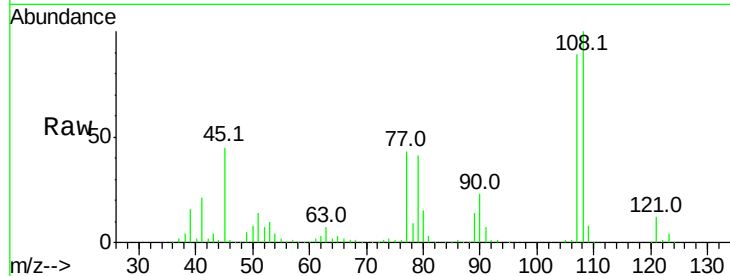
#17
2-Methylphenol
Concen: 41.67 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	336122		
108	108	112.4		93.4	140.0
77	77	48.2		35.8	53.6
79	79	46.1		34.8	52.2

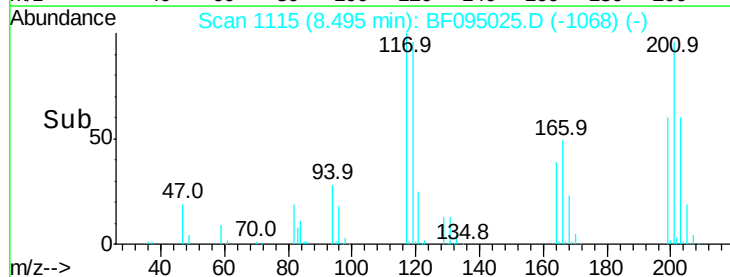
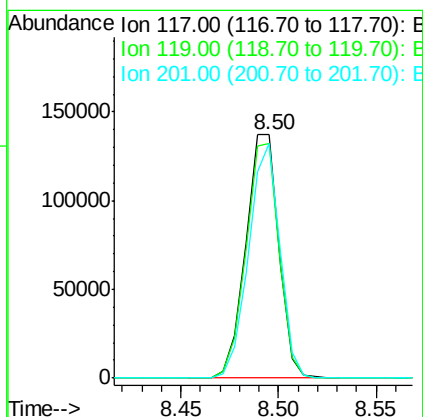
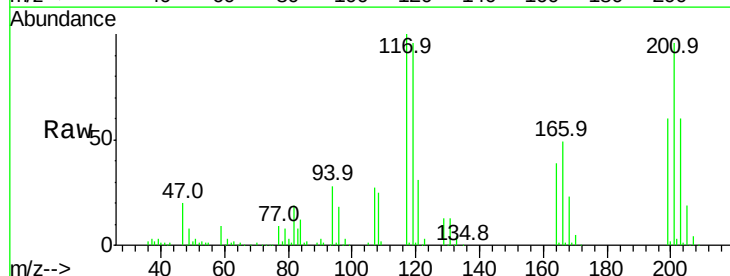
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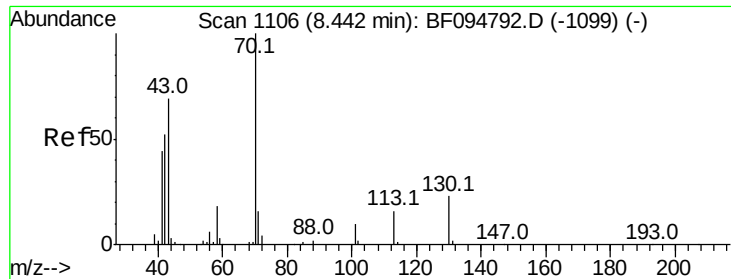
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#18
Hexachloroethane
Concen: 41.81 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	160591		
119	119	96.4		77.4	116.0
201	201	96.1		94.6	141.8





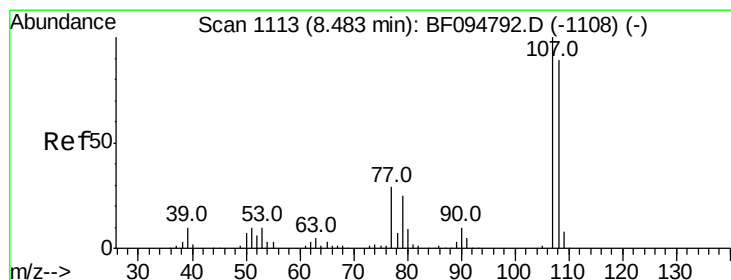
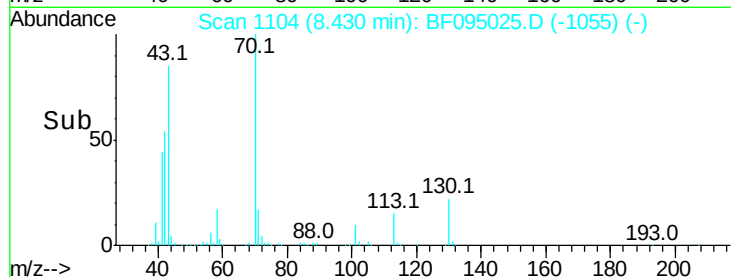
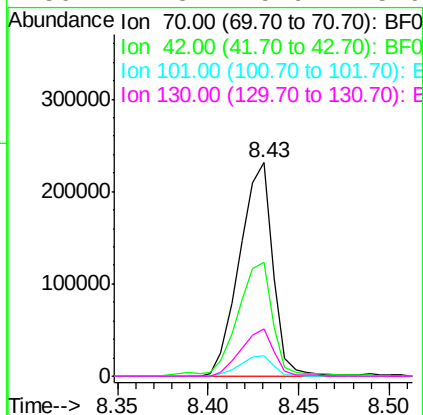
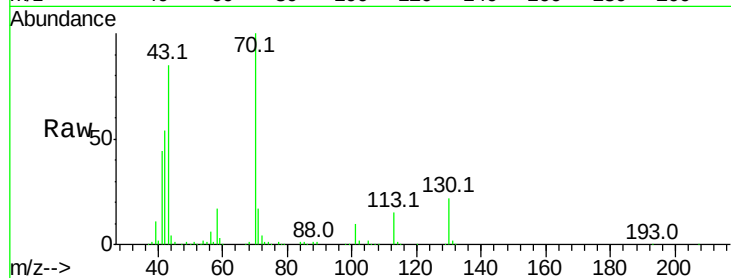
#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	47.2	70.8	
101	9.5	7.2	10.8	
130	22.3	15.9	23.9	

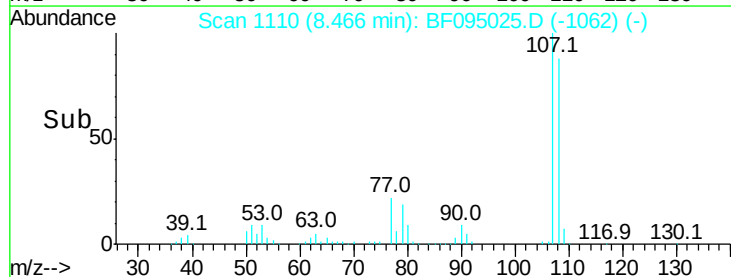
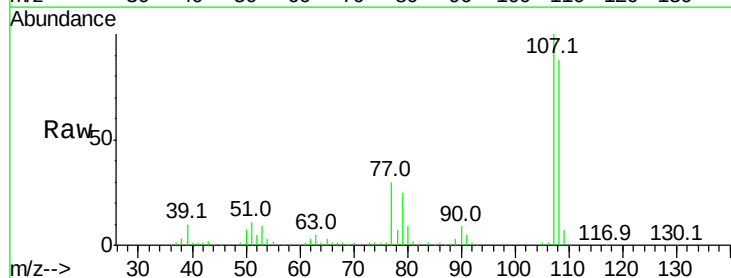
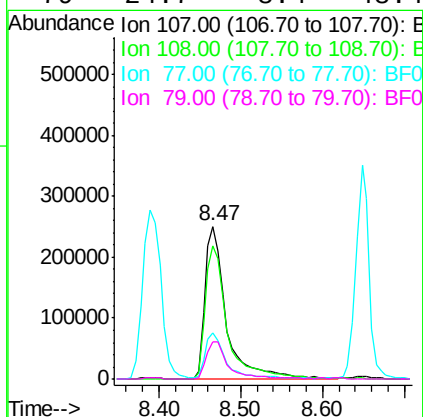
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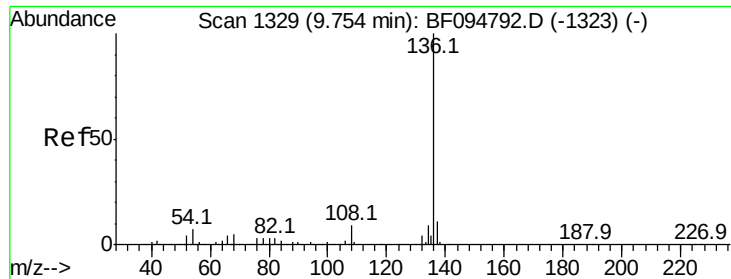
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#20
3+4-Methylphenols
Concen: 41.70 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	71.0	111.0	
77	29.8	90.5	130.5#	
79	24.7	8.4	48.4	





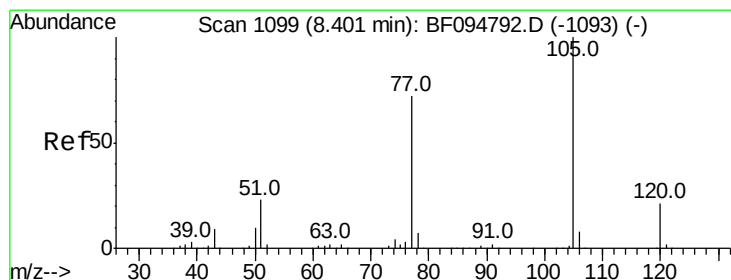
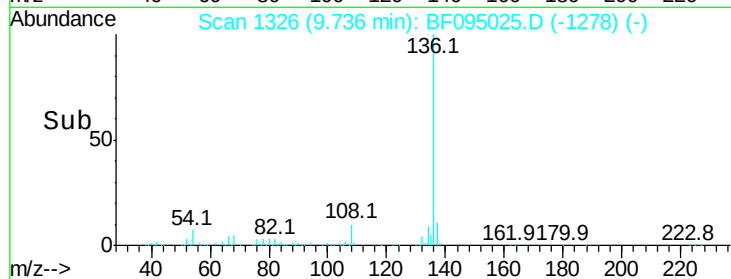
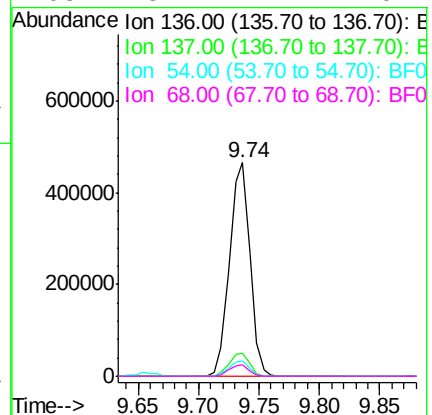
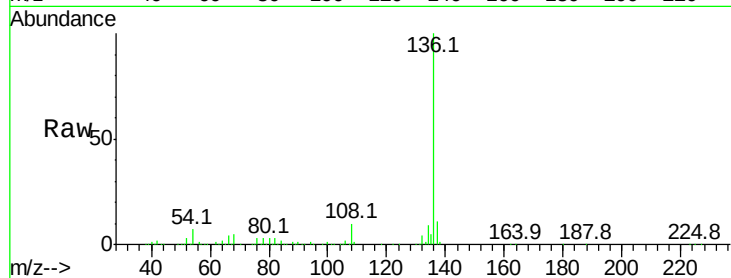
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	6.9	4.9	7.3	
68	5.1	4.1	6.1	

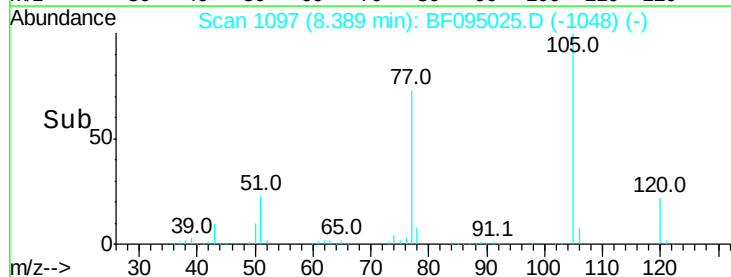
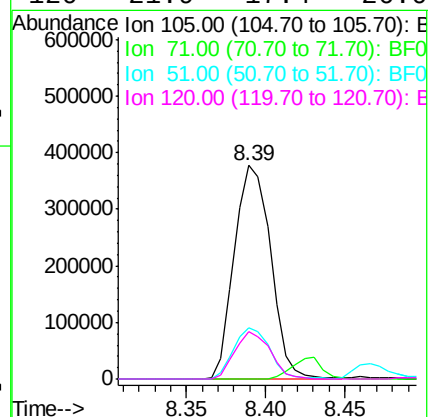
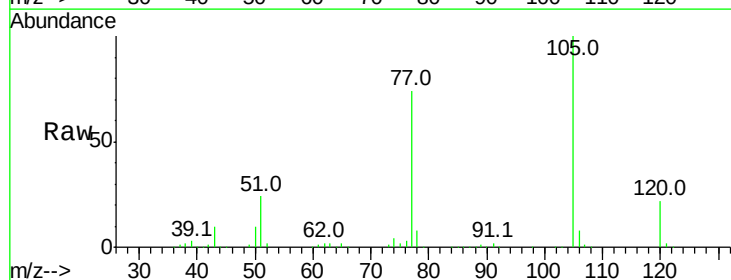
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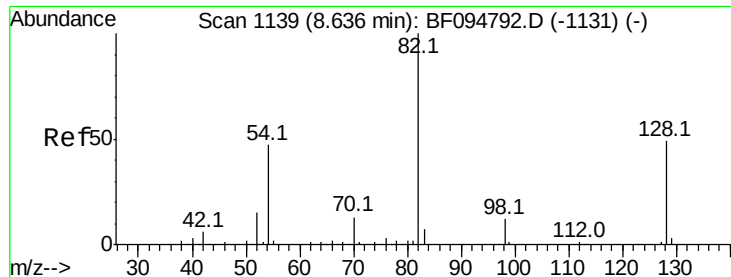
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#22
Acetophenone
Concen: 46.27 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.7	30.7	46.1#	
120	21.9	17.4	26.0	





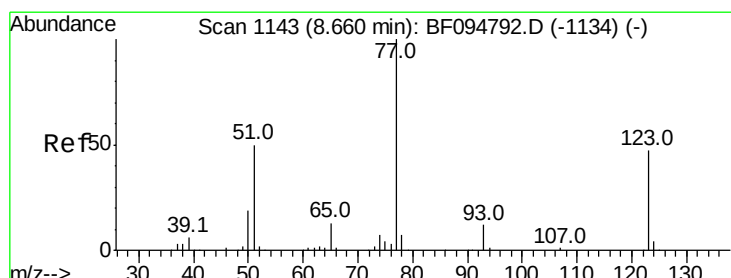
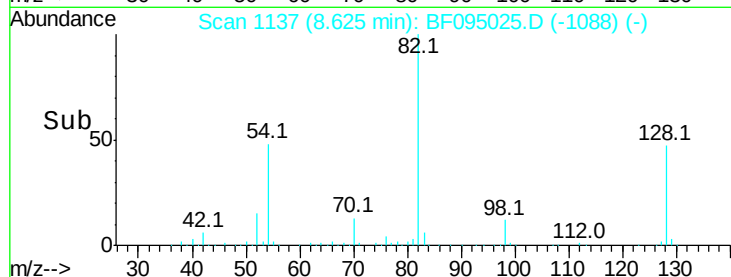
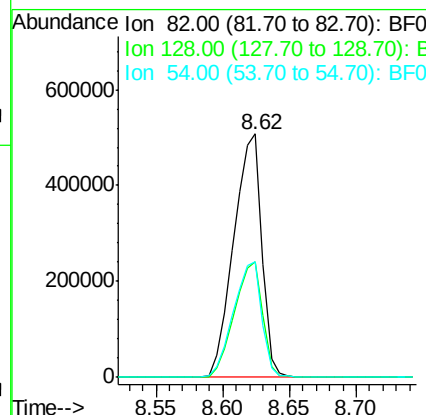
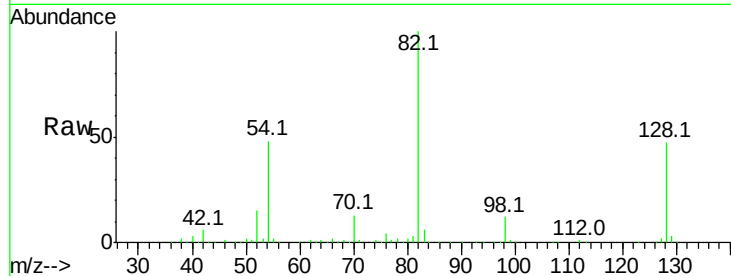
#23
 Nitrobenzene-d5
 Concen: 86.95 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	47.5	42.2	63.2

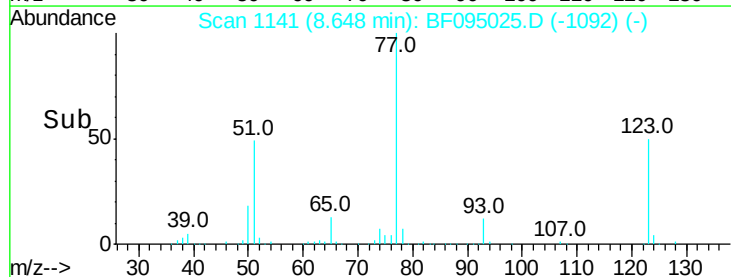
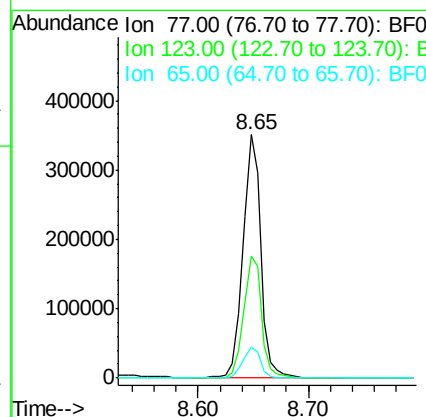
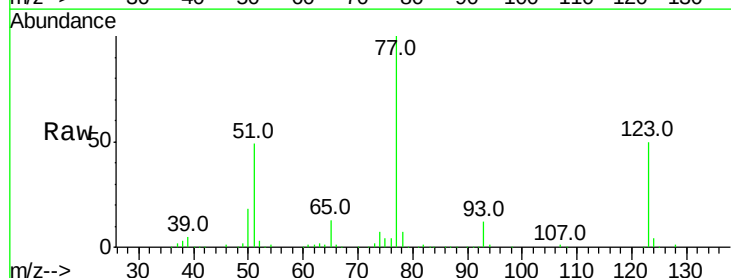
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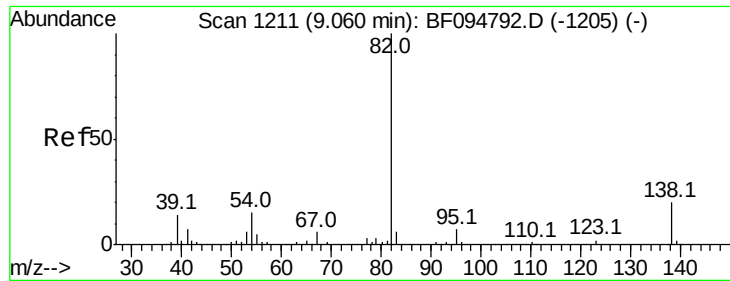
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#24
 Nitrobenzene
 Concen: 43.88 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 41.95 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

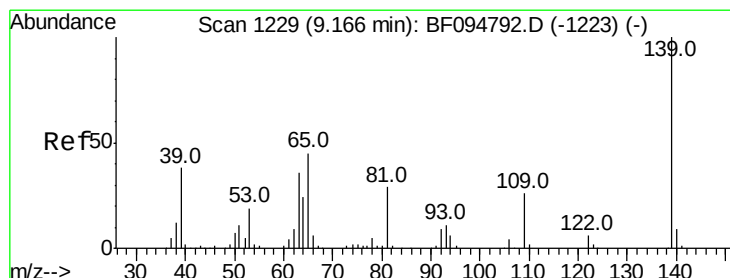
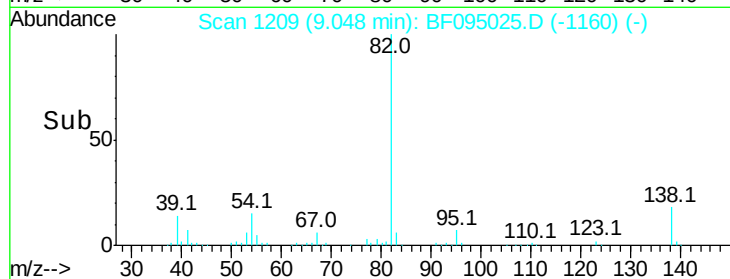
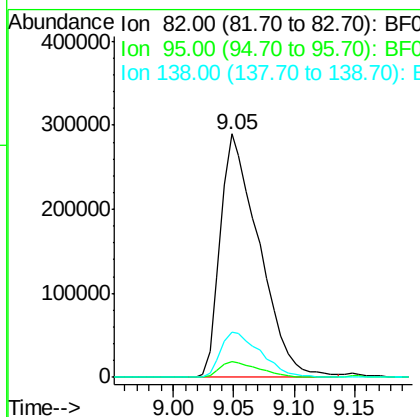
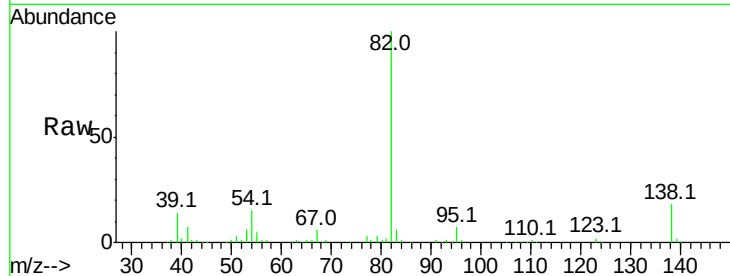
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	645655
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.81 ng

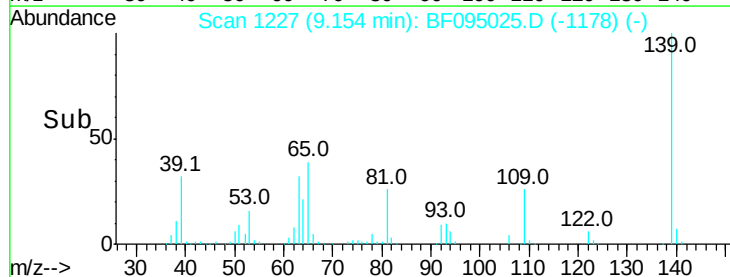
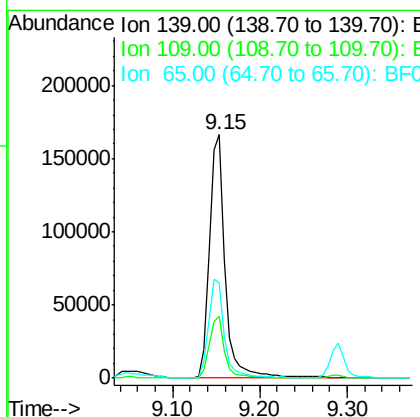
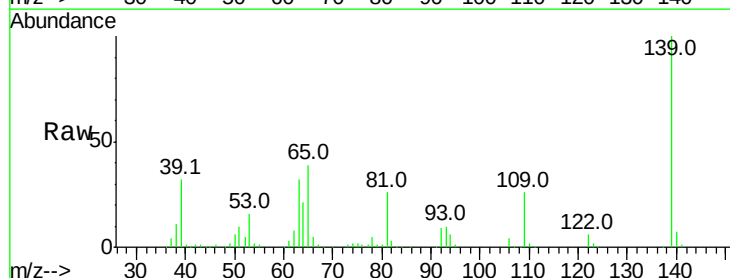
RT: 9.15 min Scan# 1227

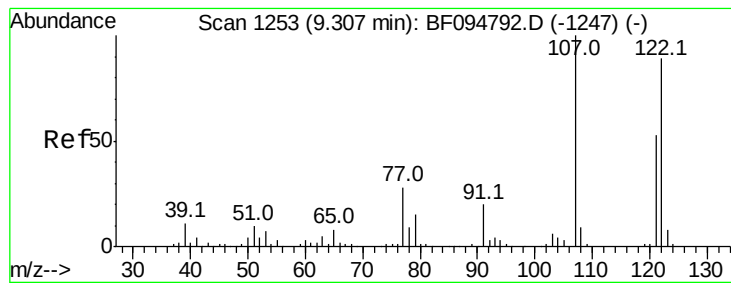
Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion:	139	Resp:	208720
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.0	31.6
65	39.2	33.0	49.6





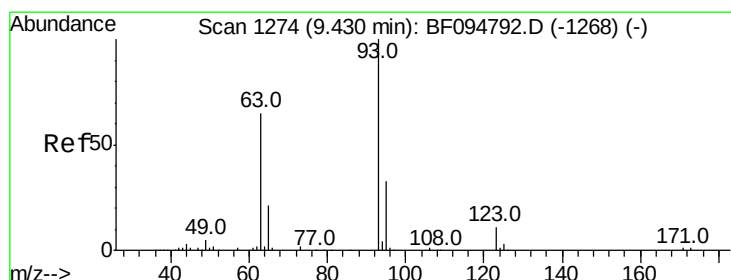
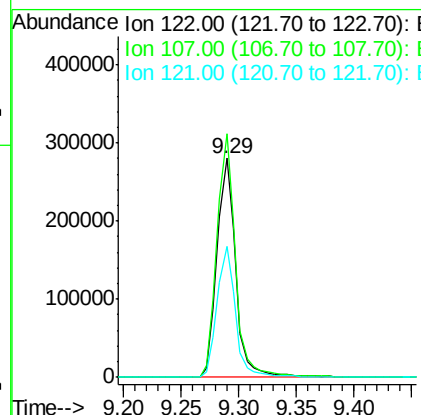
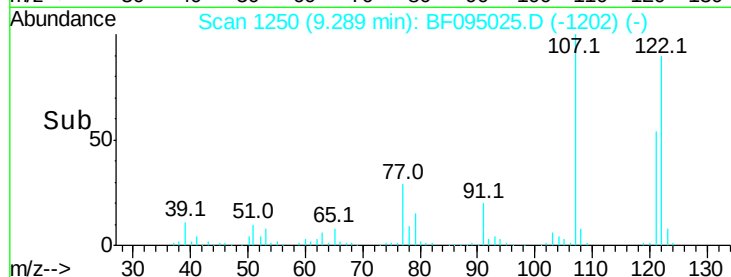
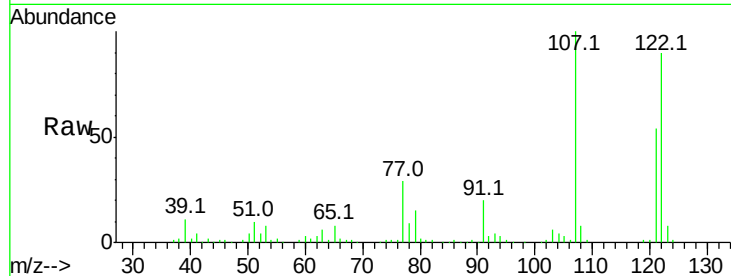
#27
 2,4-Dimethylphenol
 Concen: 40.36 ng
 RT: 9.29 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	318144
Ion Ratio	Lower	Upper	
122	100		
107	111.1	89.2	133.8
121	59.7	45.2	67.8

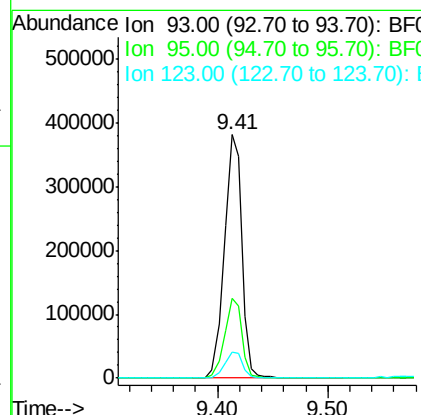
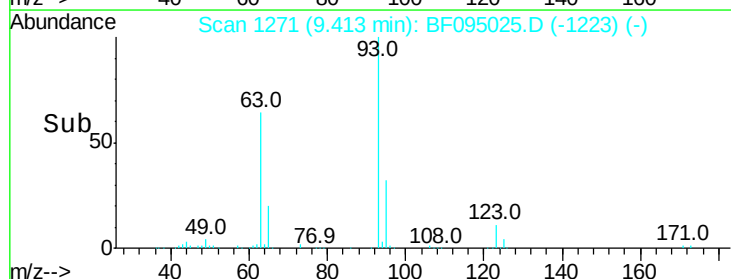
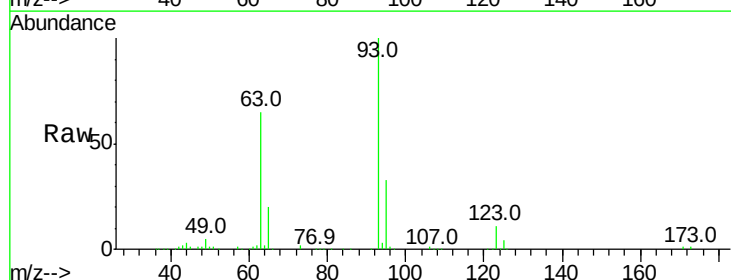
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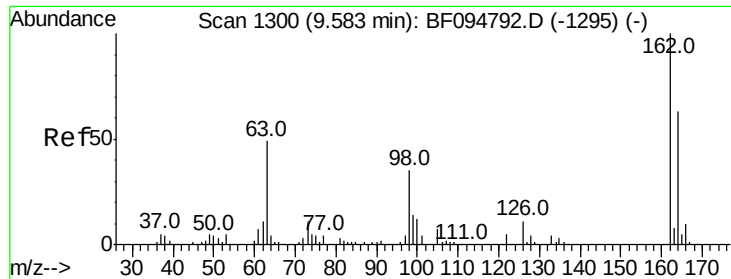
mohammad
 5/10/2017 11:46:44 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:	93	Resp:	421976
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	10.6	9.0	13.4





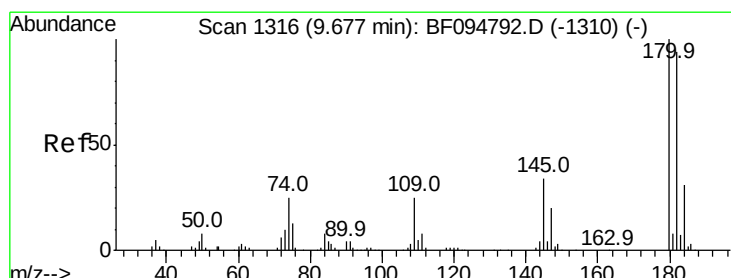
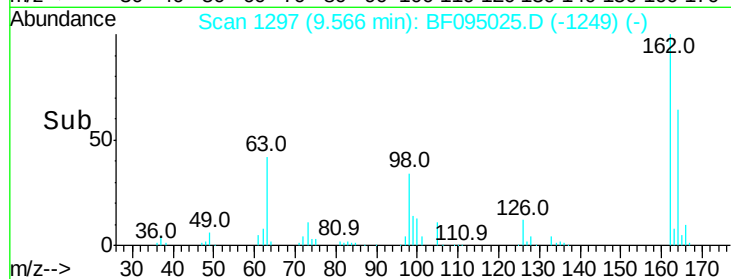
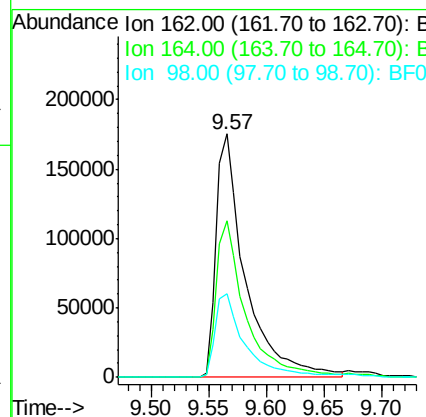
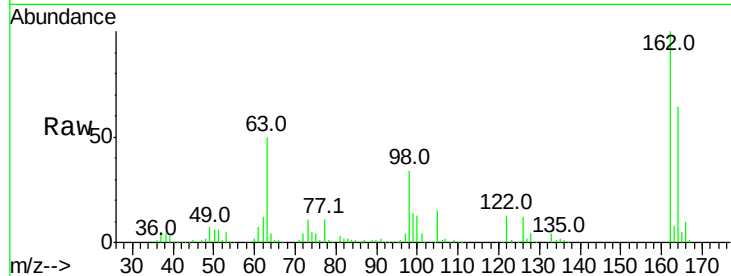
#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	44.6	84.6
98	34.2	14.8	54.8

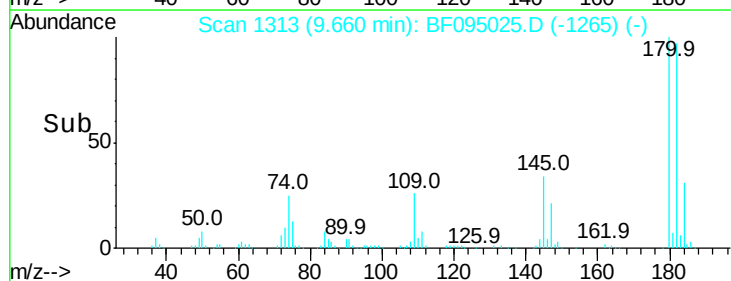
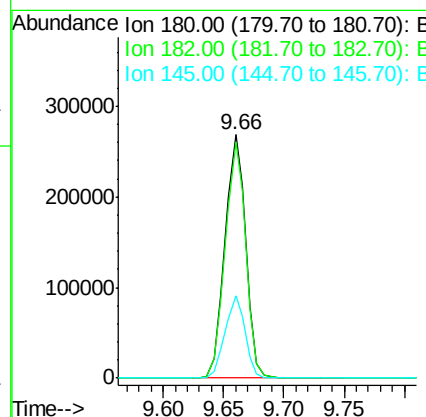
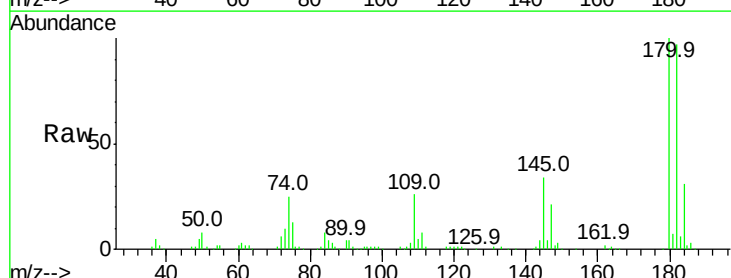
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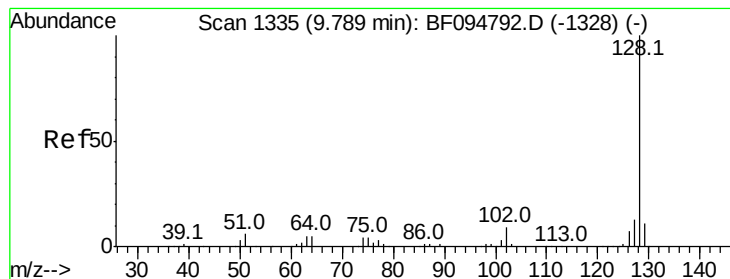
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.86 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	75.8	113.6
145	33.6	25.3	37.9





#31

Naphthalene

Concen: 38.75 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1058512

Ion Ratio Lower Upper

128 100

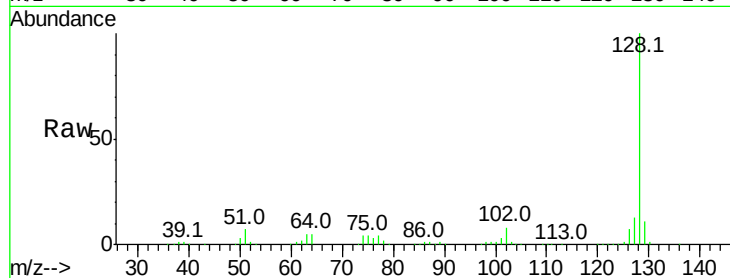
129 11.0 9.0 13.6

127 13.4 10.8 16.2

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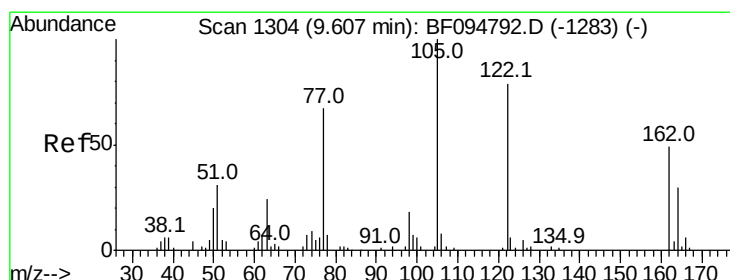
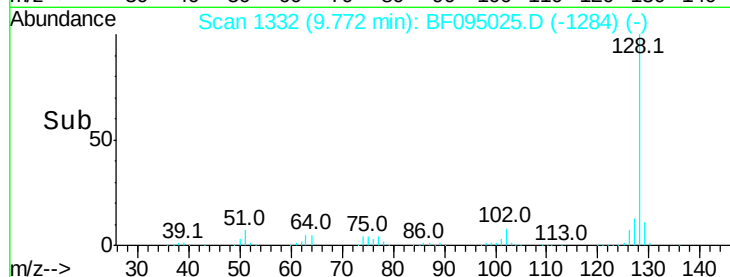
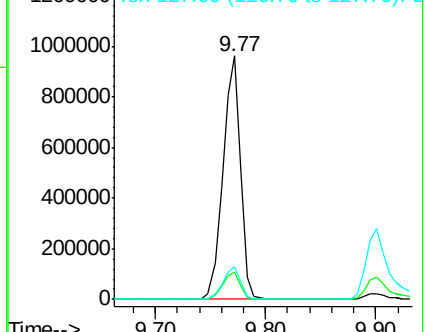
5/10/2017 11:46:44 AM



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: 39.39 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

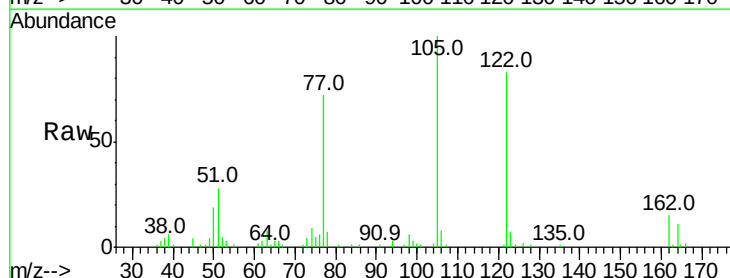
Tgt Ion:122 Resp: 198576

Ion Ratio Lower Upper

122 100

105 120.0 103.3 143.3

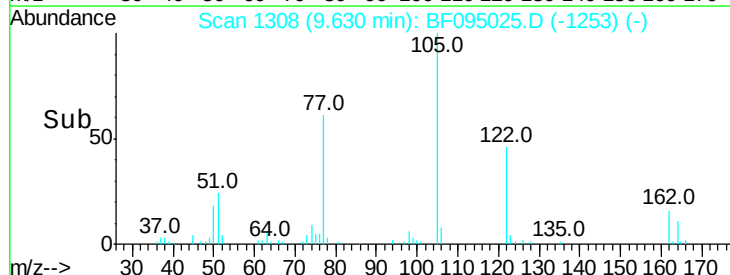
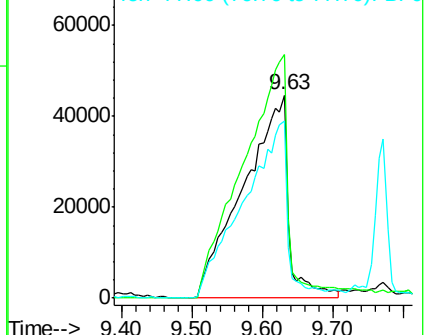
77 87.0 73.7 113.7

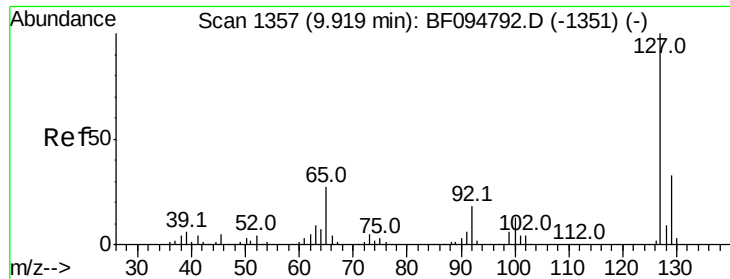


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





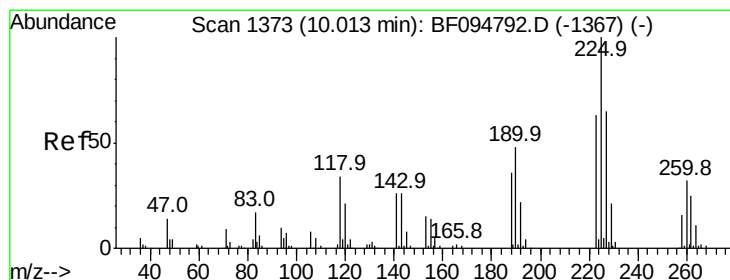
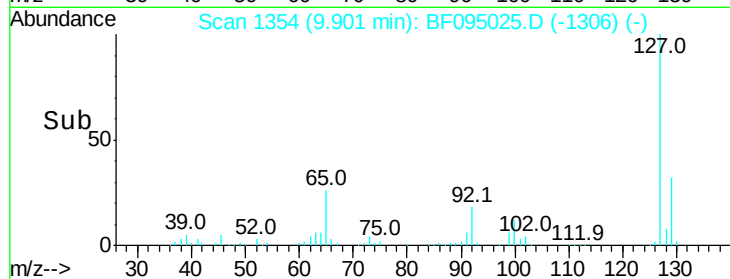
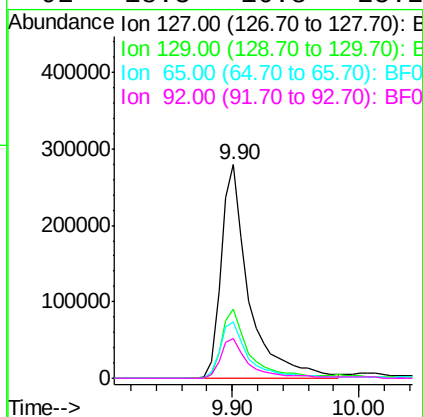
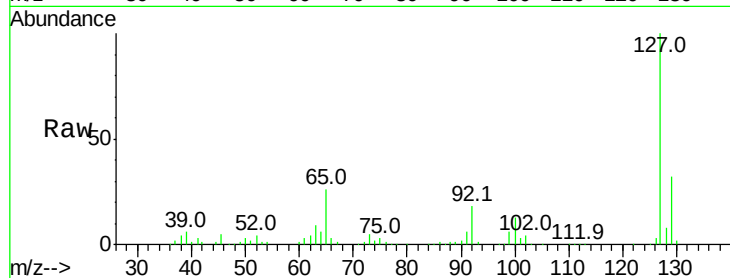
#33
 4-Chloroaniline
 Concen: 41.50 ng
 RT: 9.90 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	26.1	27.8	41.8
92	18.3	16.8	25.2

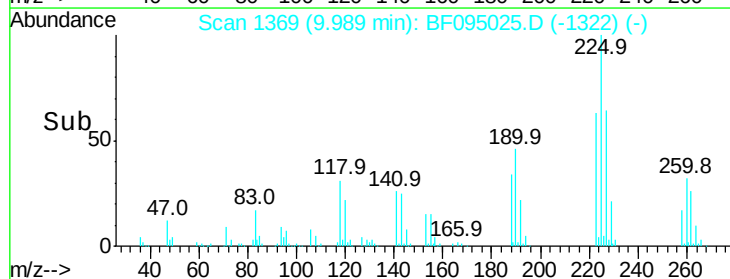
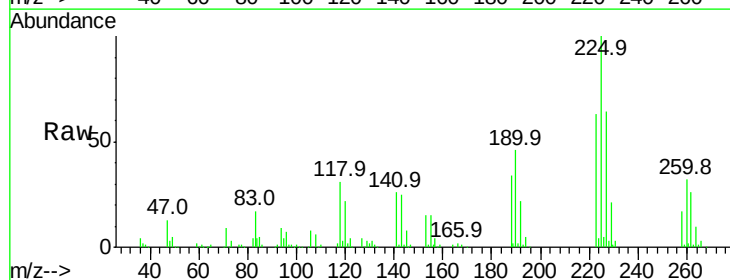
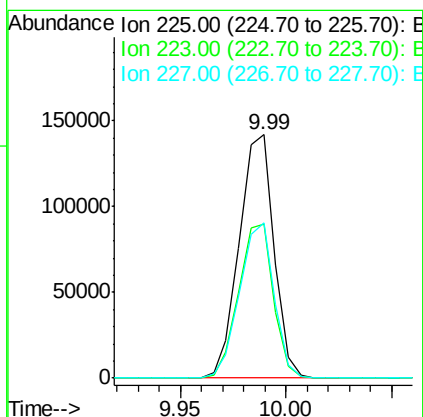
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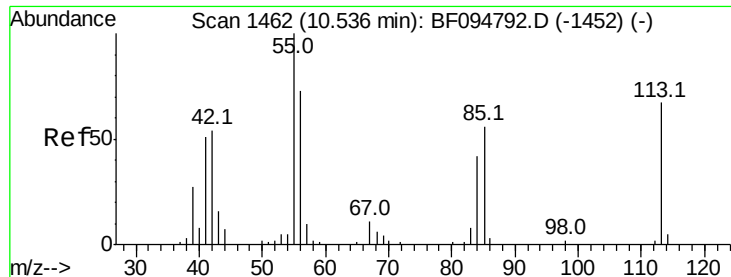
mohammad
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#34
 Hexachlorobutadiene
 Concen: 38.52 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.7	51.1	76.7





#35

Caprolactam

Concen: 45.00 ng/mL

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

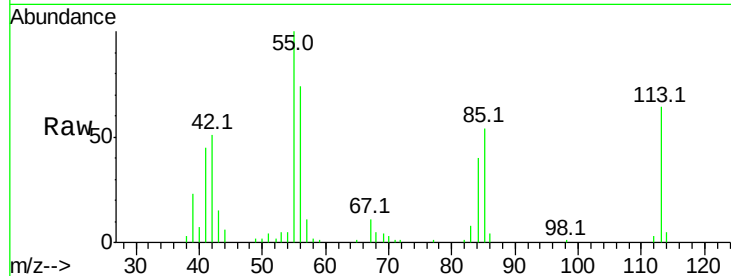
ClientSampleID :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	156.7	150.2	190.2		
56	115.4	107.8	147.8		

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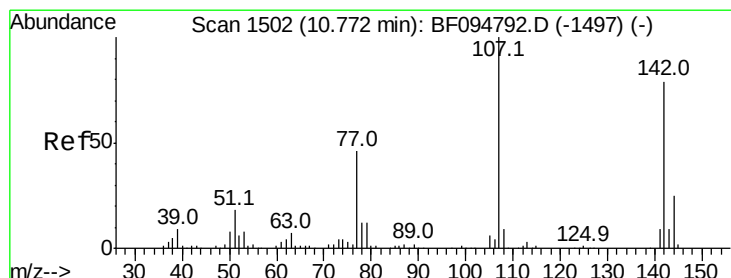
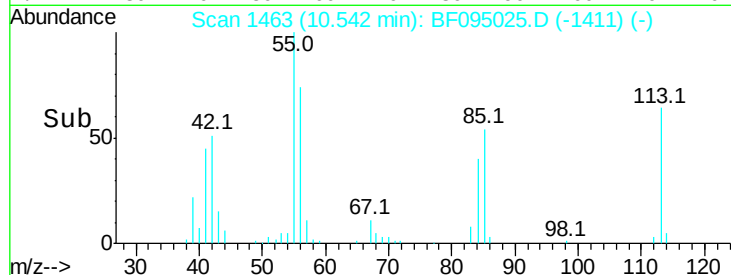
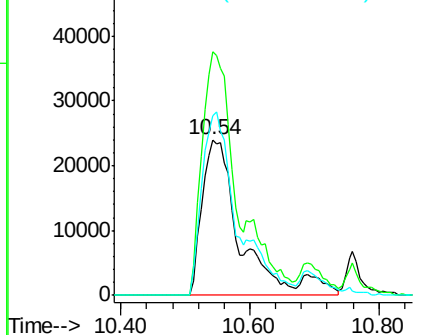
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.48 ng/mL

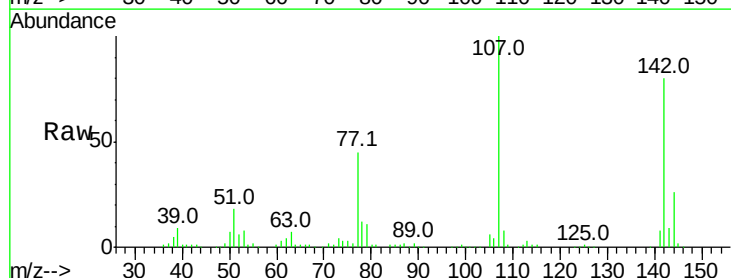
RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

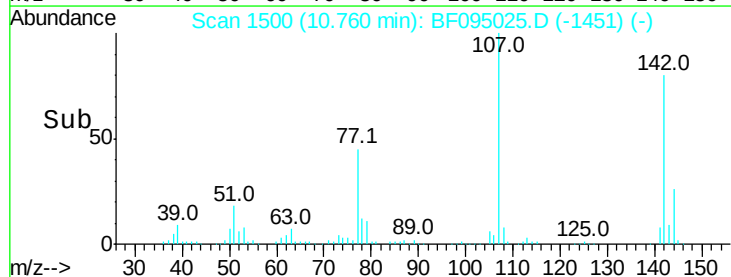
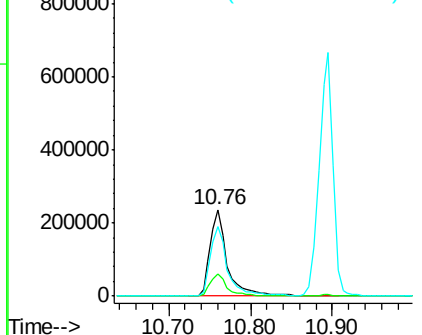
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.4	24.2	36.4		
142	80.5	73.4	110.0		

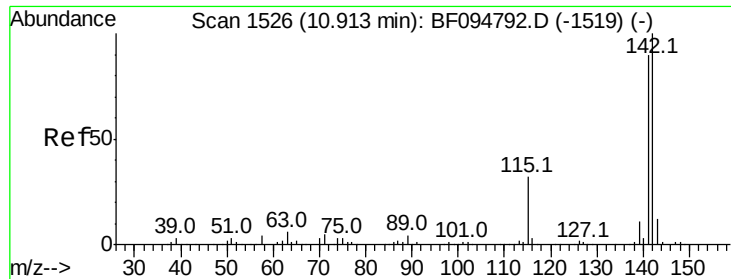


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





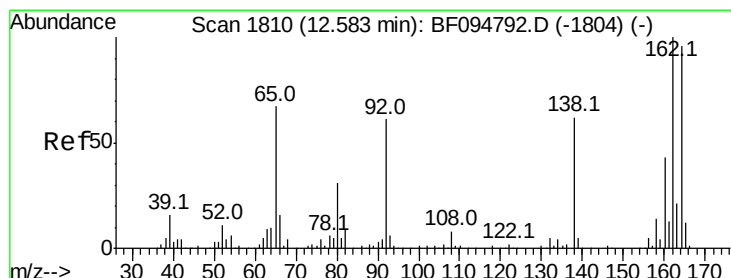
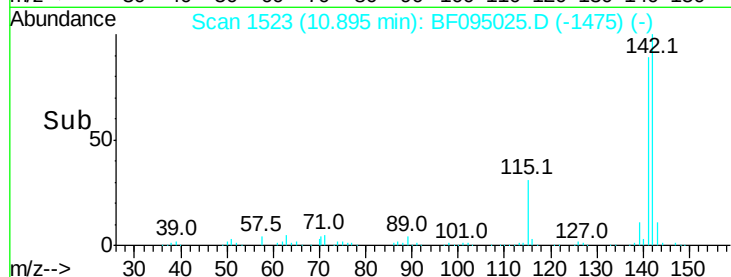
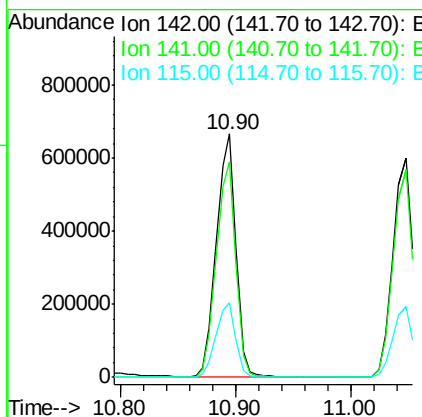
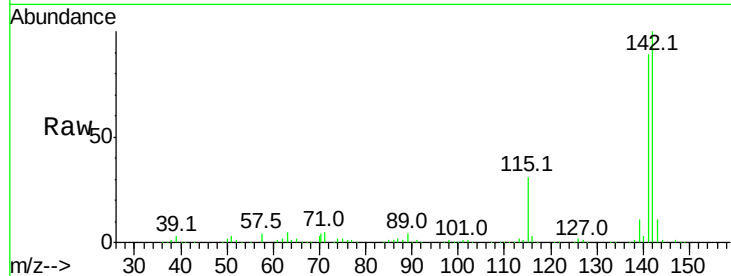
#37
2-Methylnaphthalene
Concen: 43.65 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	30.8	27.1	40.7

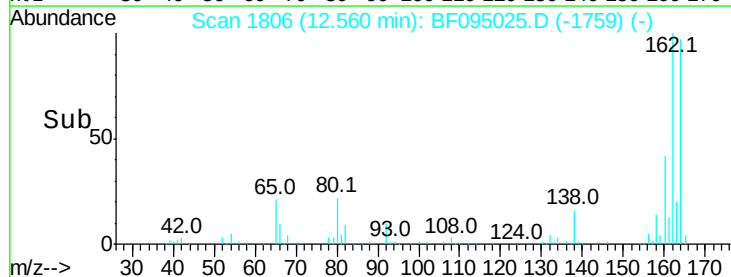
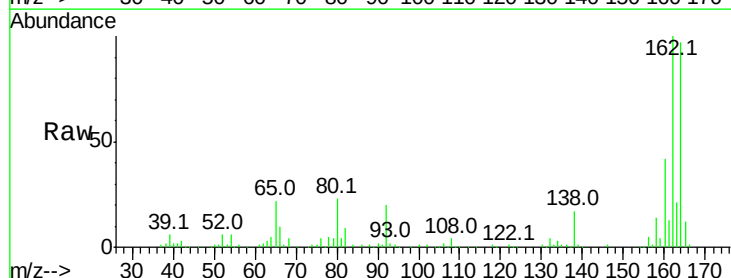
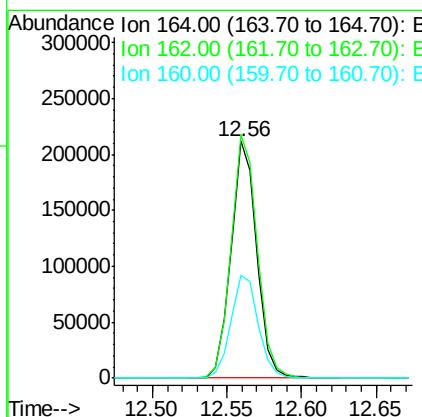
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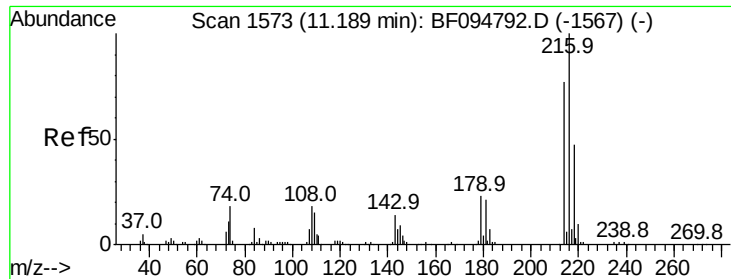
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	43.4	36.2	54.2





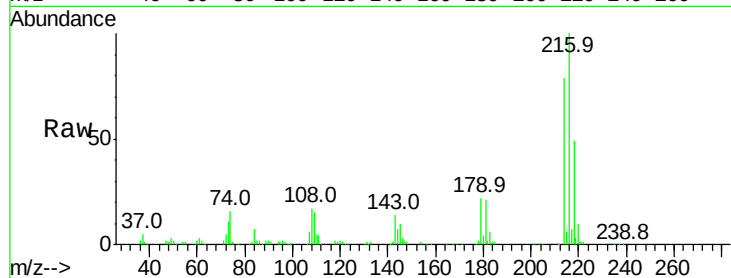
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.53 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

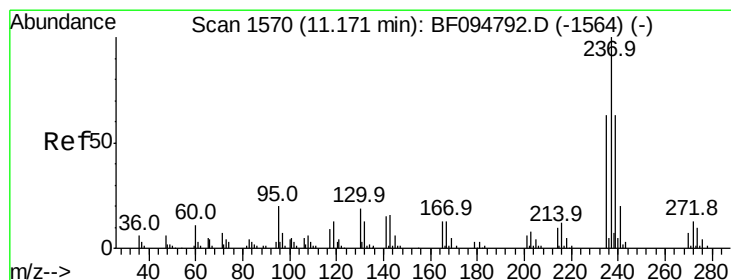
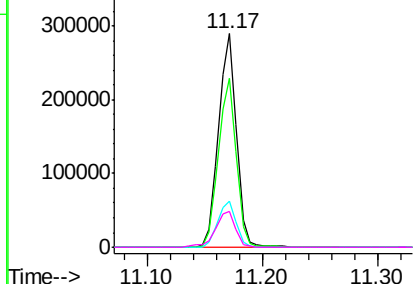
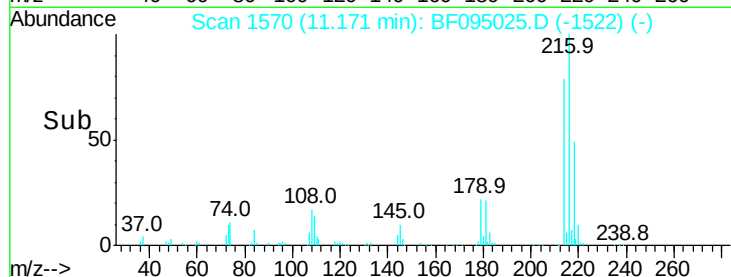
Tot Ion	Ratio	Resp	Lower	Upper
216	100	311550		
214	79.4	63.4	95.2	
179	21.9	17.9	26.9	
108	19.2	16.5	24.7	

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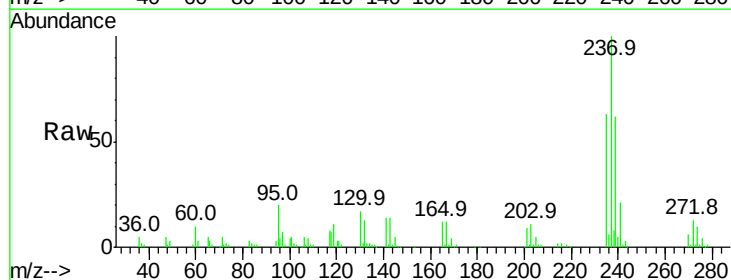


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

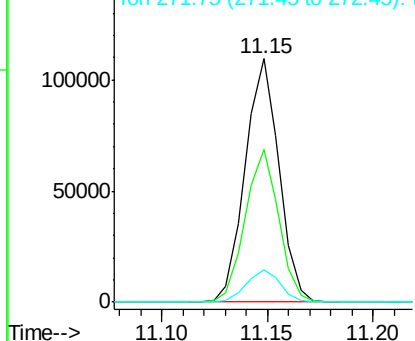
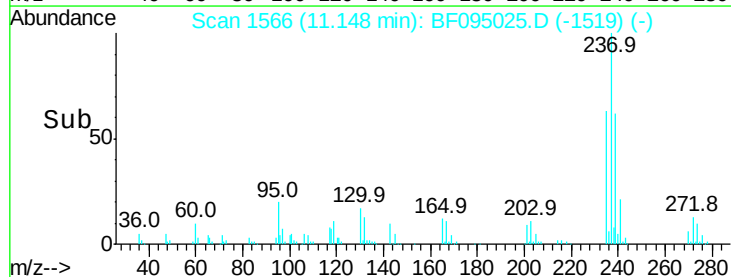


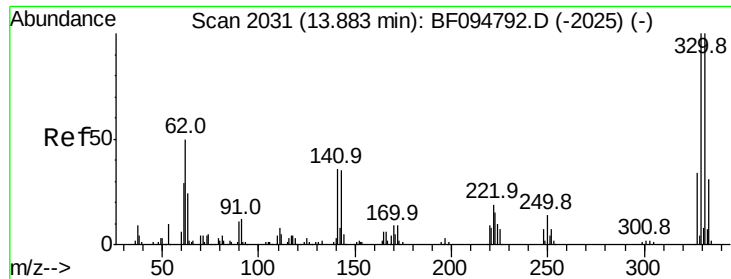
#40
 Hexachlorocyclopentadiene
 Concen: 39.96 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	121513		
235	62.7	42.6	82.6	
272	13.3	0.0	31.9	



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





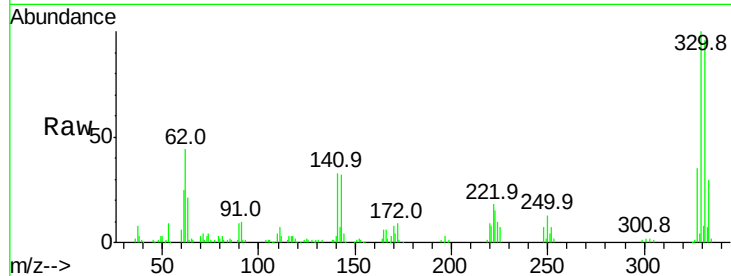
#41
 2,4,6-Tribromophenol
 Concen: 73.73 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

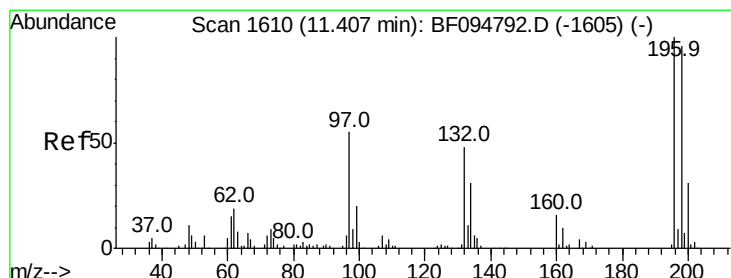
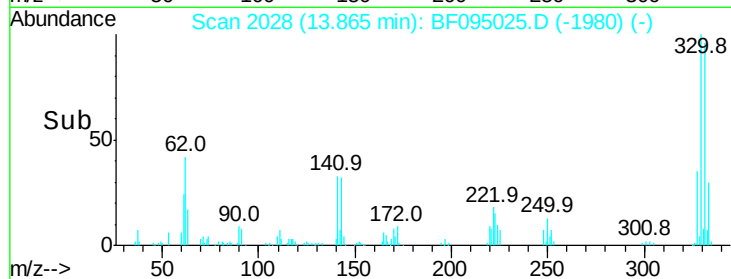
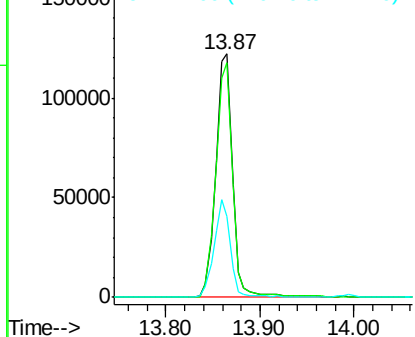
Tot Ion	Ratio	Resp	Lower	Upper
330	100	154739		
332	96.8	76.6	115.0	
141	39.3	31.4	47.2	

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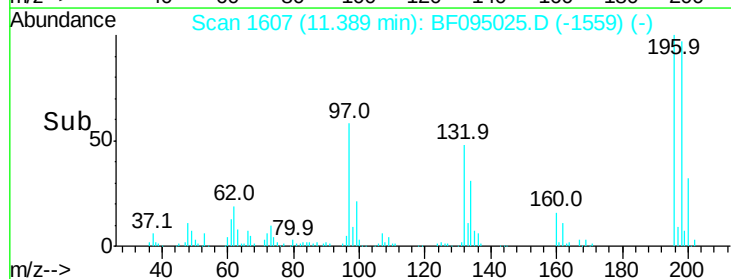
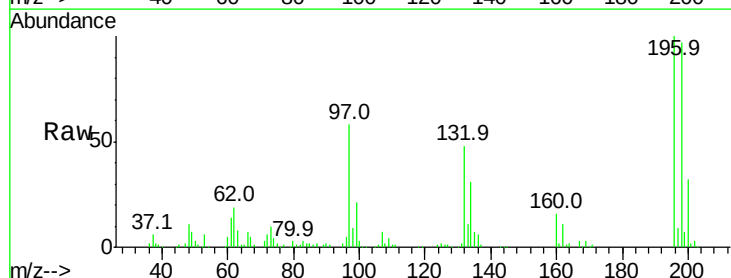
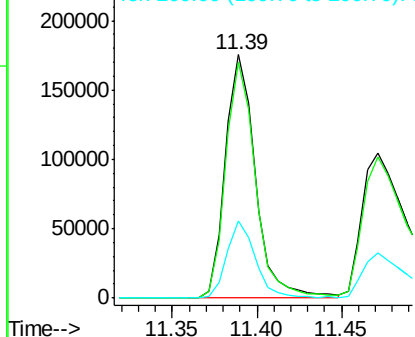
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

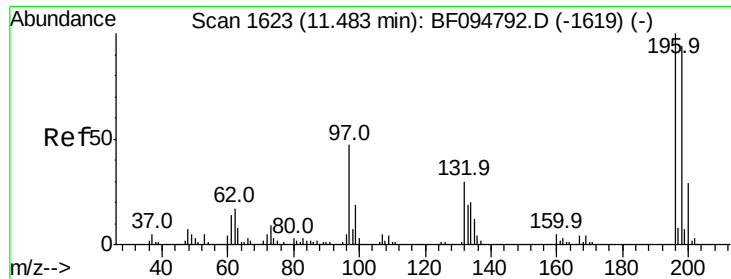


#42
 2,4,6-Trichlorophenol
 Concen: 41.39 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217767		
198	97.0	74.2	111.4	
200	31.5	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





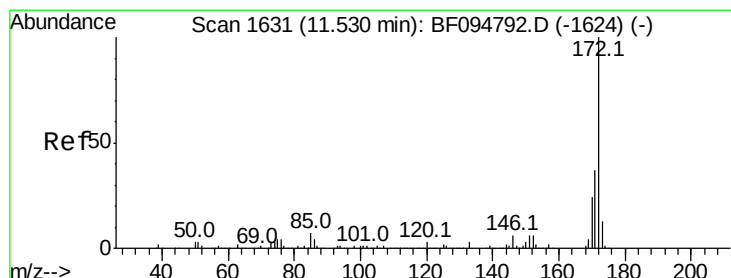
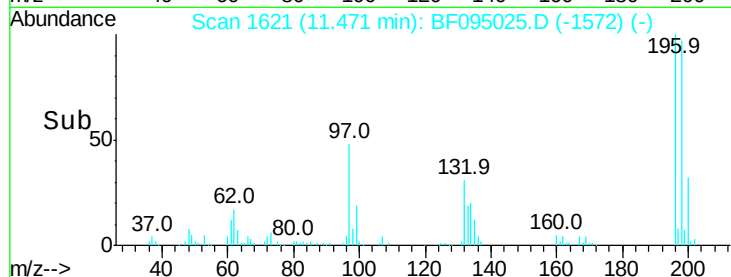
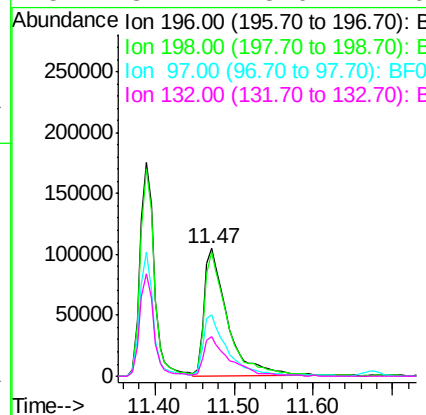
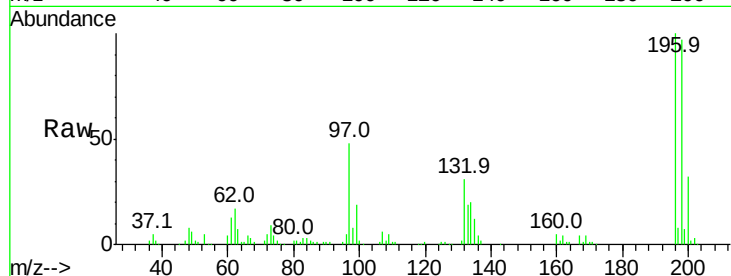
#43
2,4,5-Trichlorophenol
Concen: 38.47 ng
RT: 11.47 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217565		
198	97.1	75.7	113.5	
97	48.4	47.7	71.5	
132	31.4	28.0	42.0	

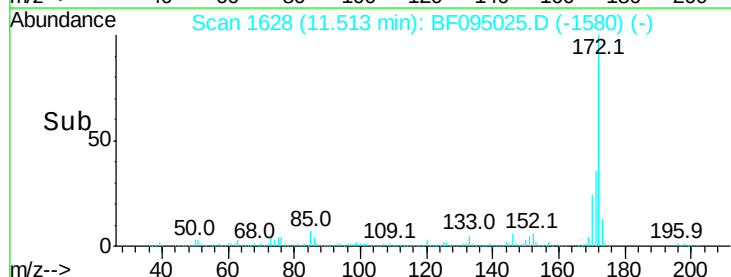
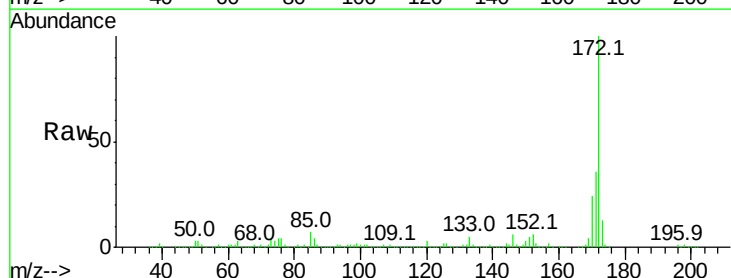
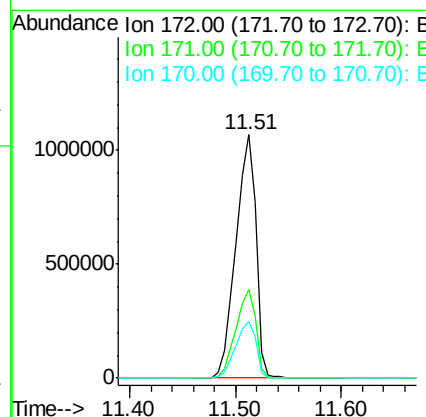
Manual Integrations
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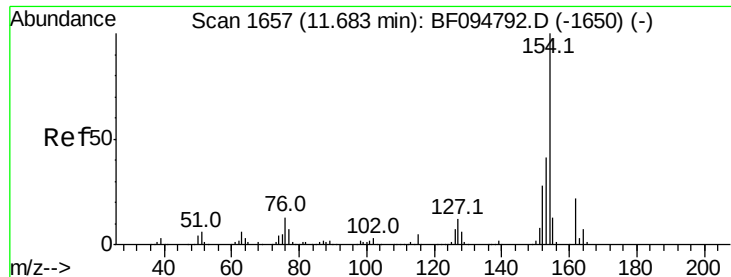
mohammad
5/10/2017 11:46:44 AM



#44
2-Fluorobiphenyl
Concen: 78.35 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1394986		
171	36.4	29.6	44.4	
170	23.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.39 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

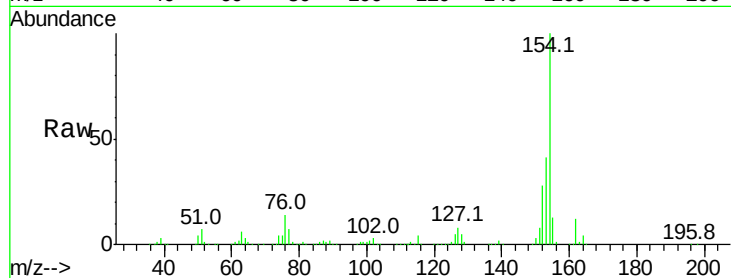
ClientSampleId :

SSTDCCC040

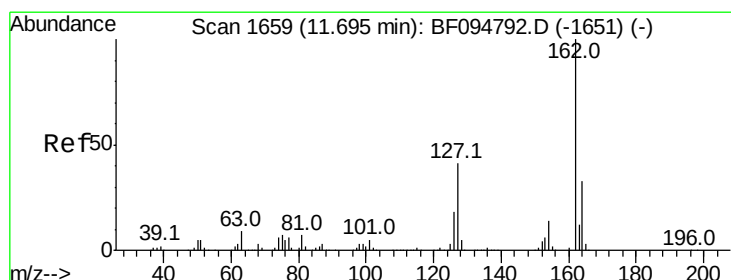
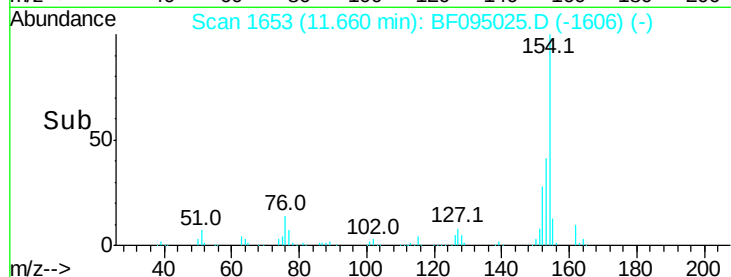
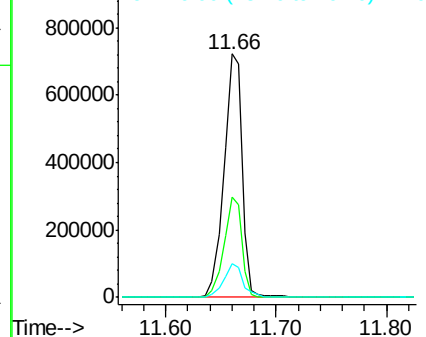
Tot Ion:	154	Resp:	828379
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	13.7	0.0	29.9

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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: 37.96 ng

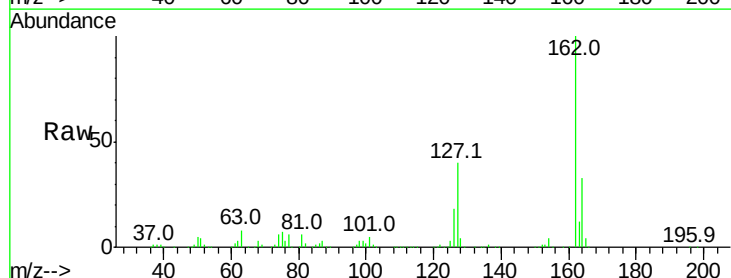
RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

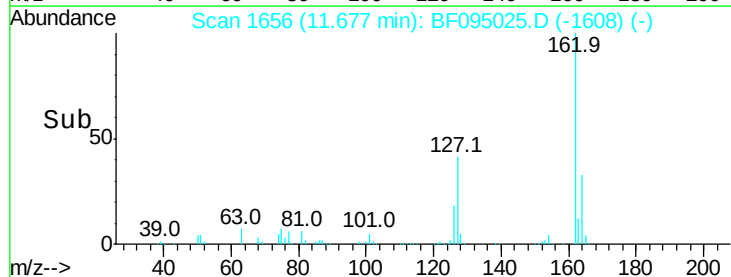
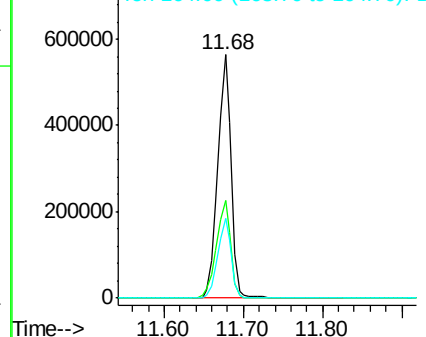
Lab File: BF095025.D

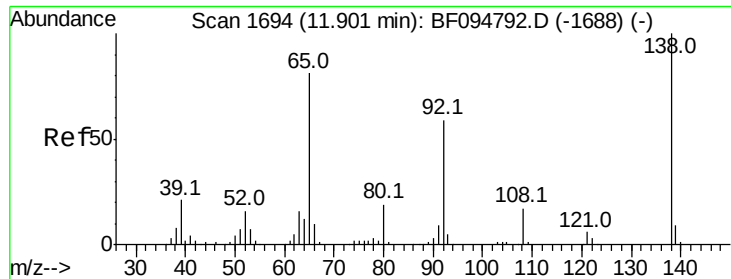
Acq: 9 May 2017 16:39

Tgt Ion:	162	Resp:	661363
Ion Ratio	Lower	Upper	
162	100		
127	40.1	28.3	42.5
164	32.7	27.0	40.4



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





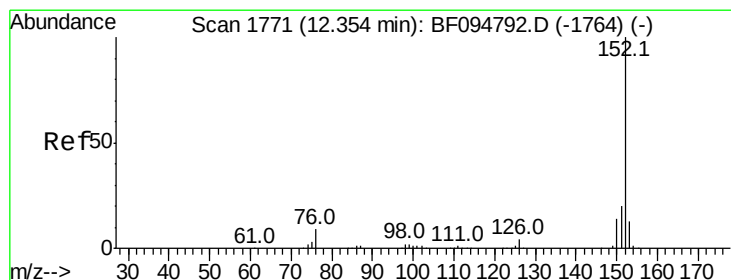
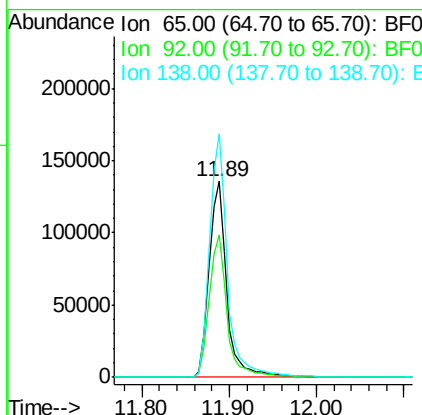
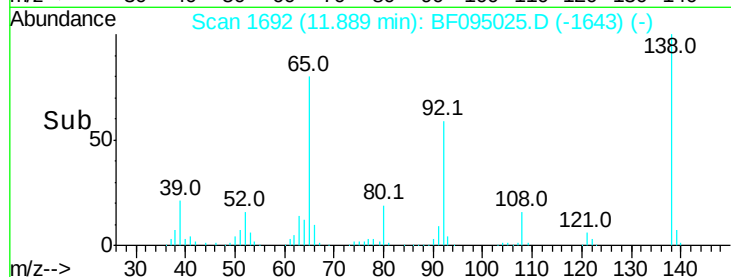
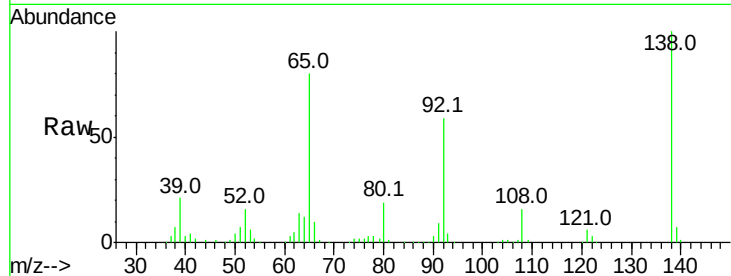
#47
2-Nitroaniline
Concen: 40.39 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	124.4	78.8	118.2

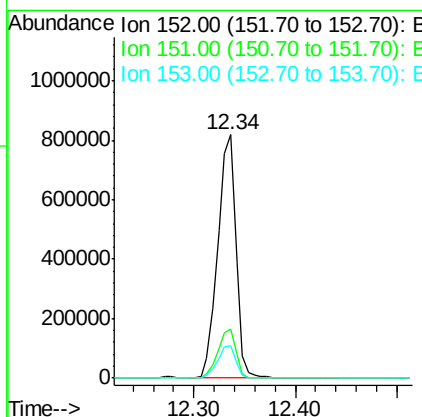
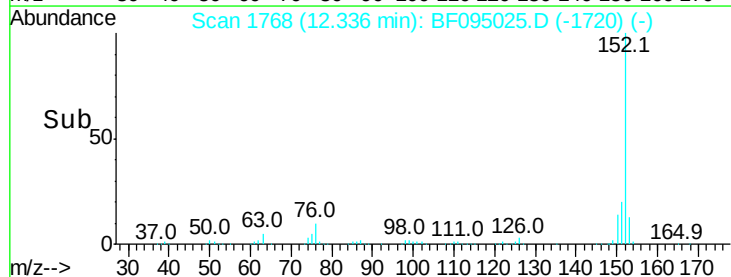
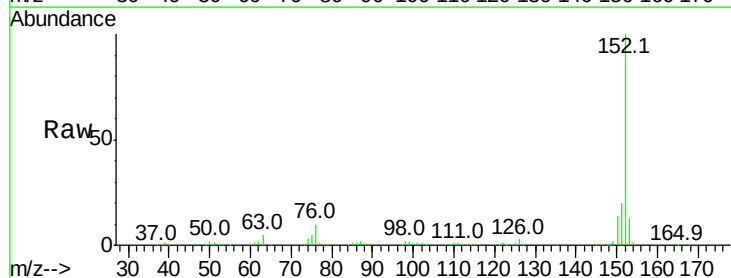
Manual Integrations
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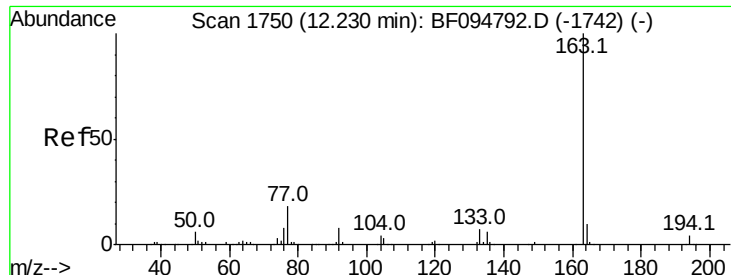
mohammad
5/10/2017 11:46:44 AM



#48
Acenaphthylene
Concen: 37.44 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.1	10.8	16.2





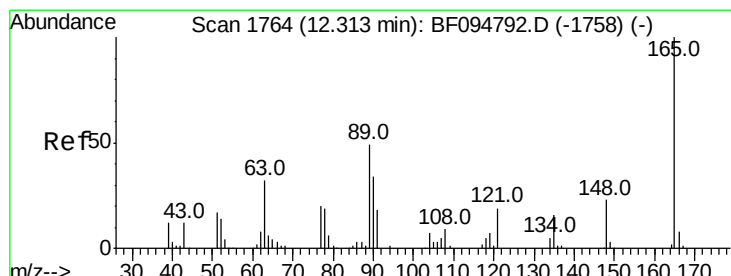
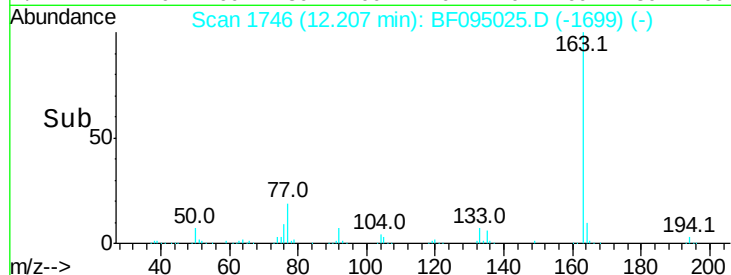
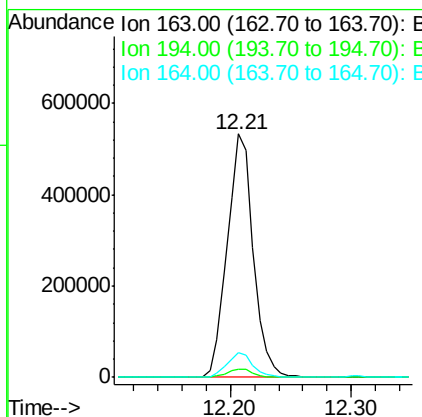
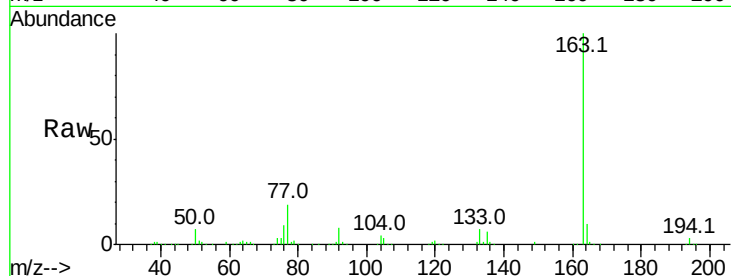
#49
Dimethylphthalate
Concen: 38.02 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	799776		
194	3.4		2.6	4.0
164	10.0		8.4	12.6

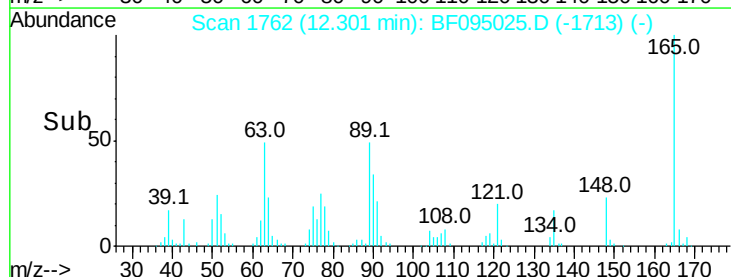
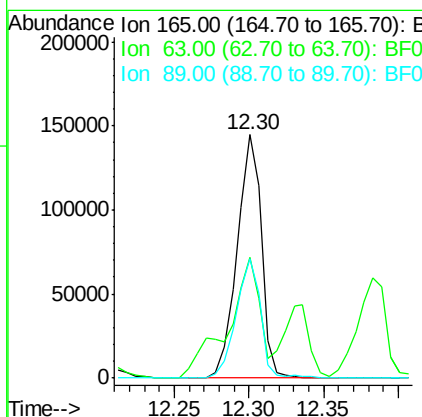
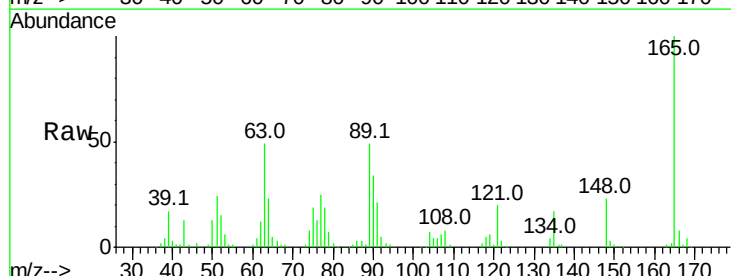
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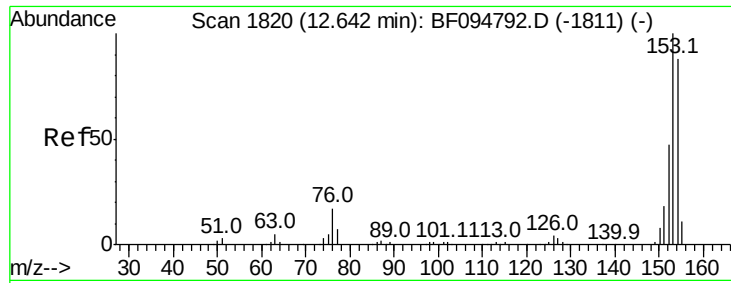
mohammad
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#50
2,6-Dinitrotoluene
Concen: 38.27 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164230		
63	49.4		34.3	51.5
89	48.8		37.1	55.7





#51

Acenaphthene

Concen: 38.86 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

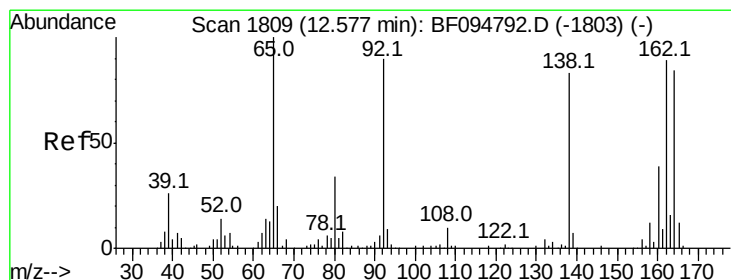
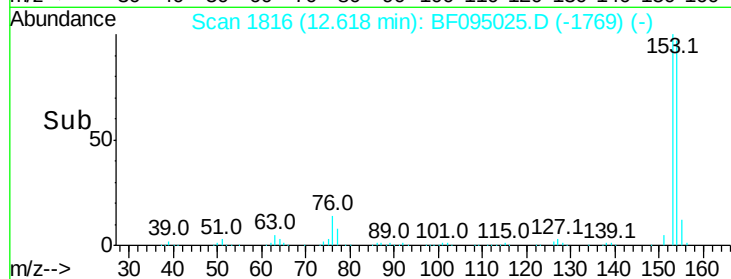
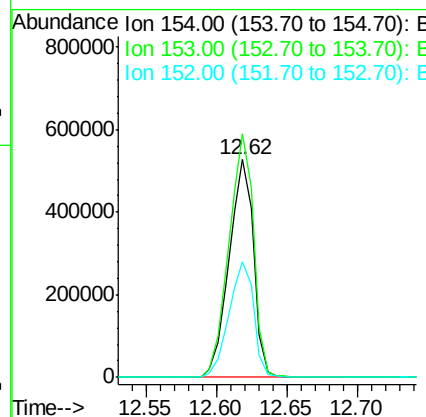
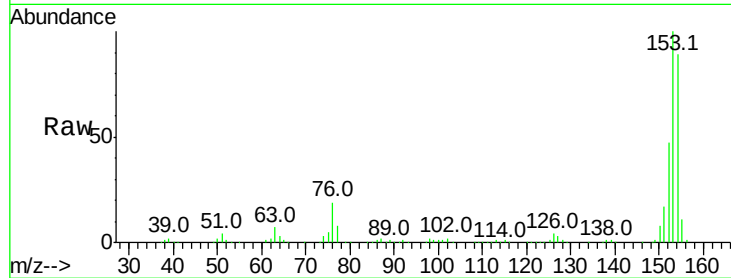
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	633357
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.5	135.7
152	53.0	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 39.75 ng

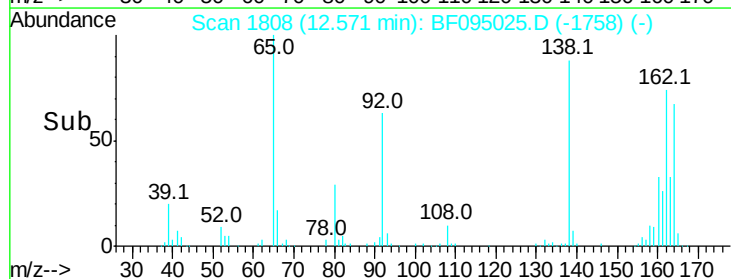
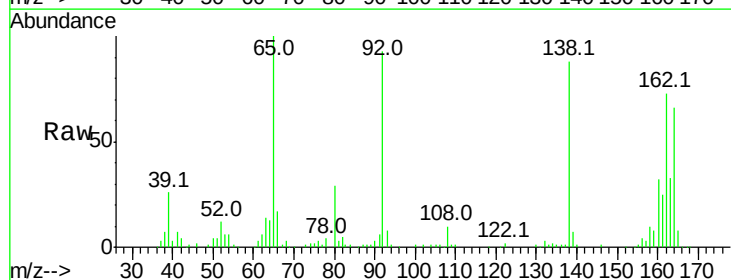
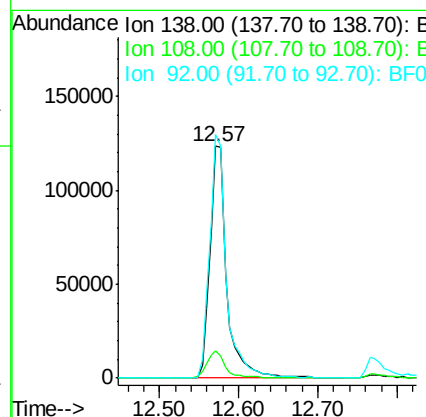
RT: 12.57 min Scan# 1808

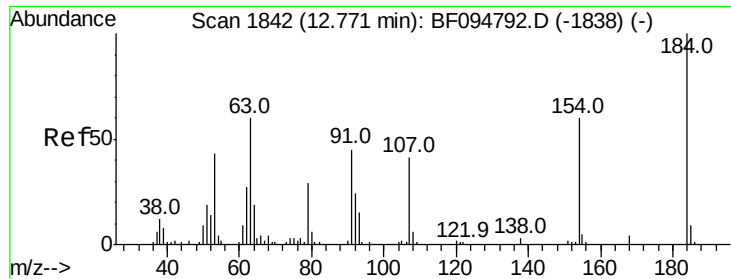
Delta R.T. -0.01 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion:	138	Resp:	183108
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.1	13.7
92	105.2	93.8	140.6





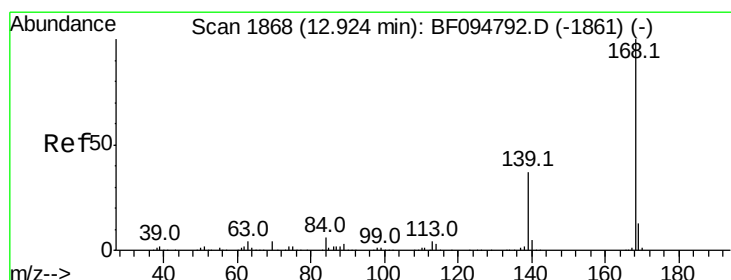
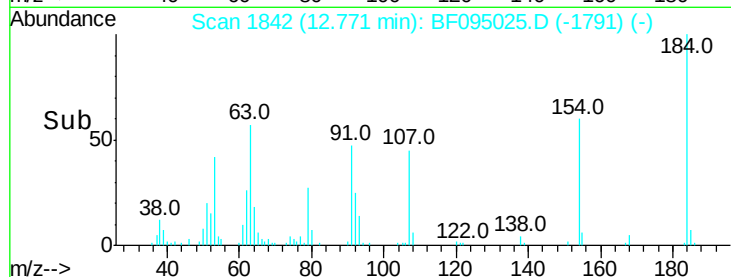
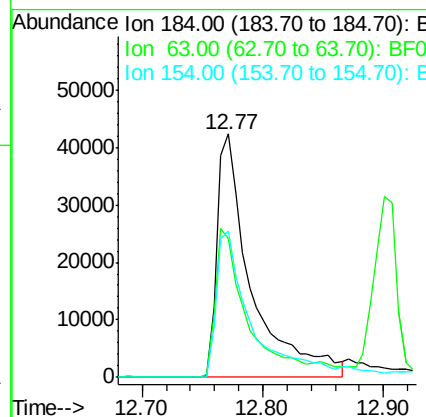
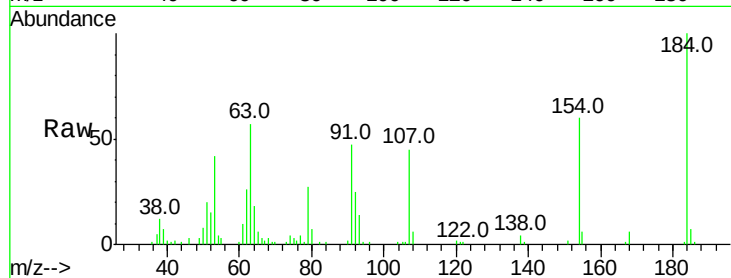
#53
 2,4-Dinitrophenol
 Concen: 38.64 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 83070
 Ion Ratio Lower Upper
 184 100
 63 57.0 62.7 94.1#
 154 60.1 81.1 121.7#

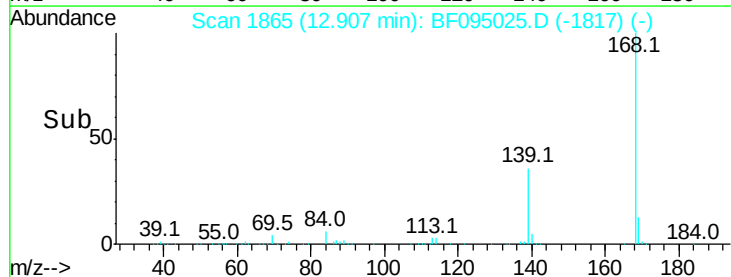
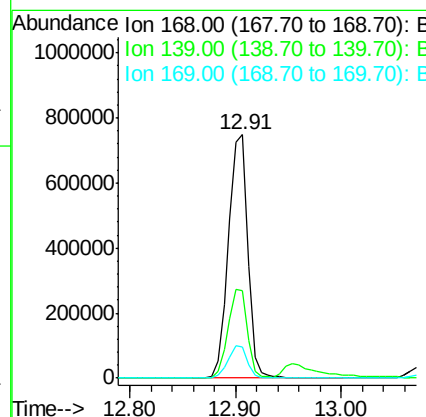
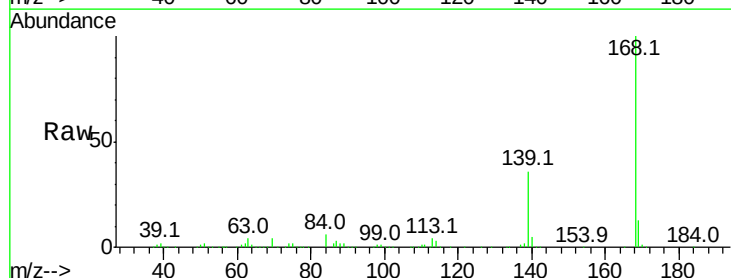
Manual Integrations
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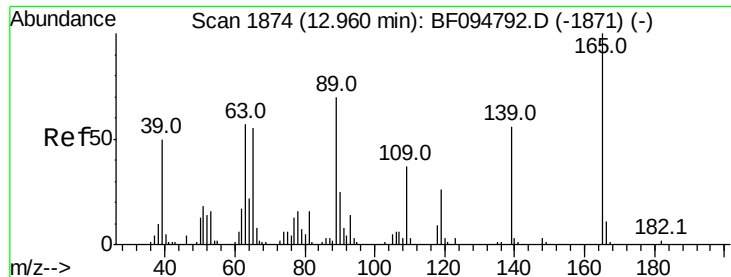
mohammad
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#54
 Dibenzofuran
 Concen: 42.29 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:168 Resp: 953817
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.6 45.8
 169 13.0 10.8 16.2





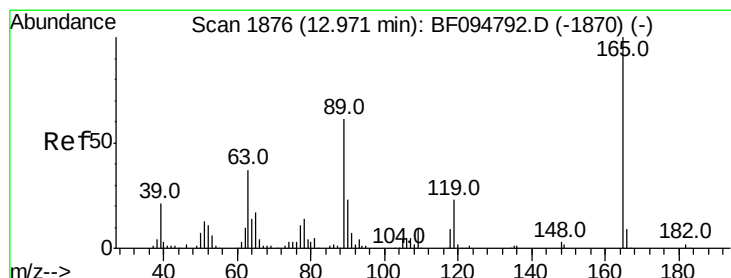
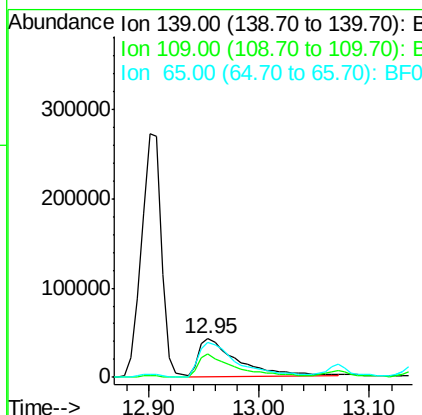
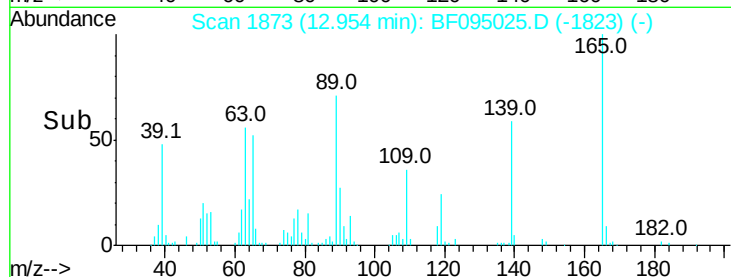
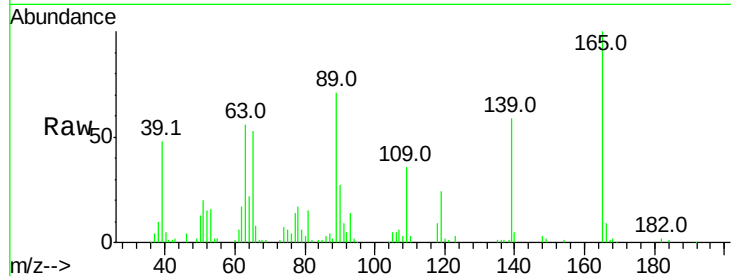
#55
4-Nitrophenol
Concen: 35.84 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.9	34.1	74.1	
65	90.5	31.4	71.4	

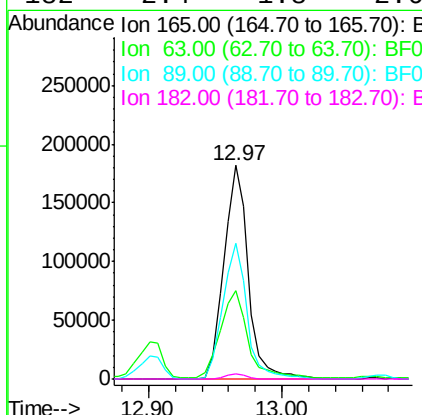
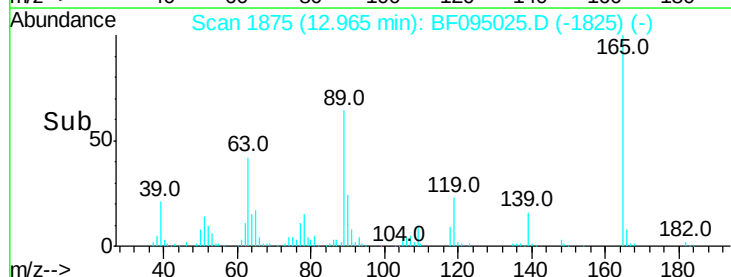
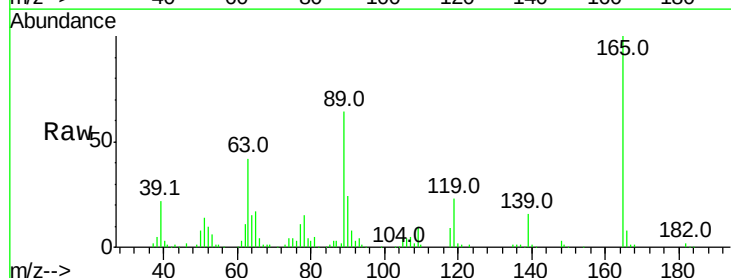
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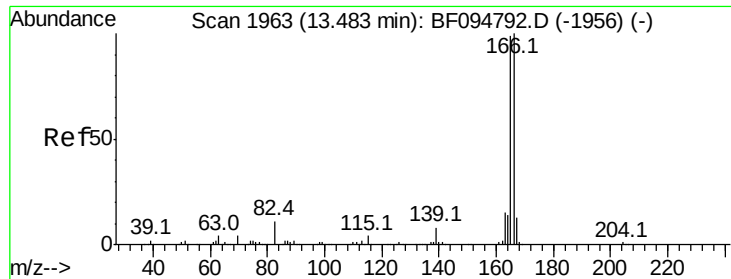
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.39 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.6	25.4	38.0	
89	63.5	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 39.67 ng

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

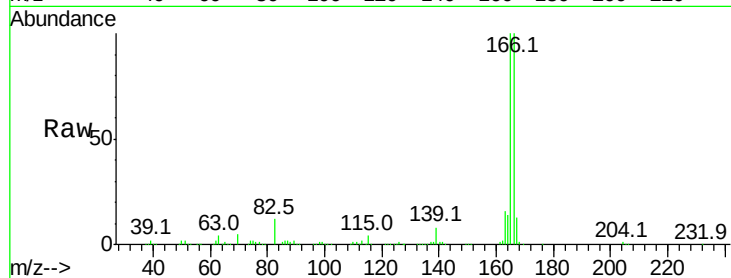
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	778077
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.8	118.2
167	12.9	10.6	16.0

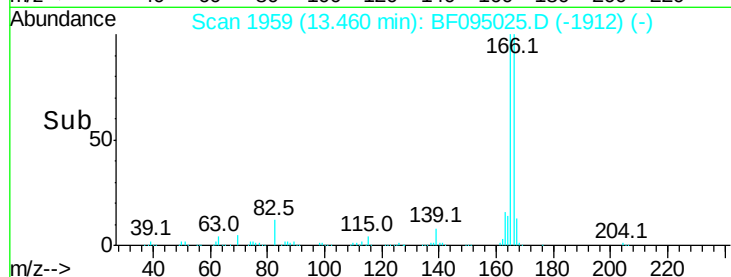
Manual Integrations
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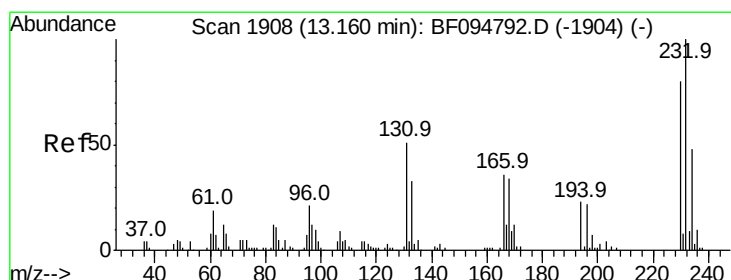


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

13.46



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.42 ng

RT: 13.14 min Scan# 1905

Delta R.T. -0.02 min

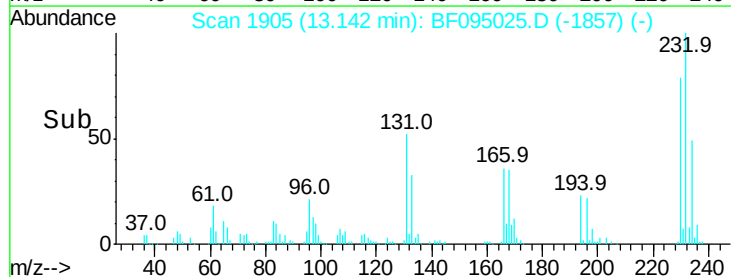
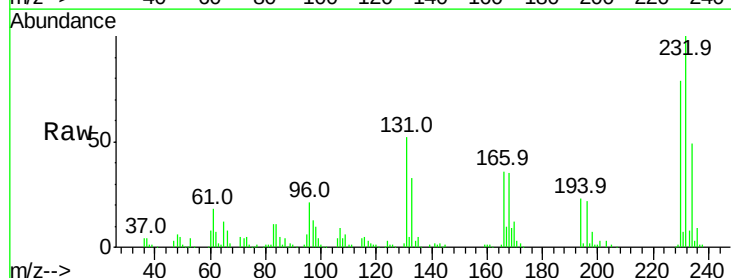
Lab File: BF095025.D

Acq: 9 May 2017 16:39

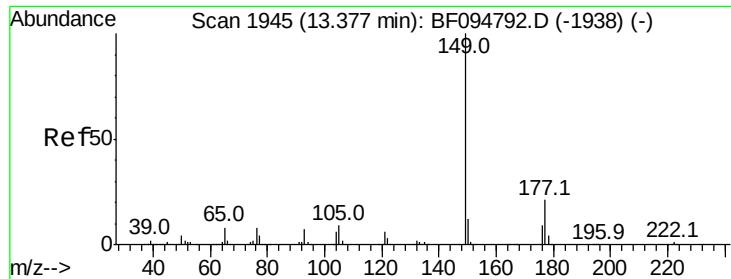
Tgt Ion:	232	Resp:	168776
Ion Ratio	Lower	Upper	
232	100		
131	49.1	44.8	67.2
130	2.3	2.3	3.5
166	34.0	29.0	43.4

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

13.14



Time-->



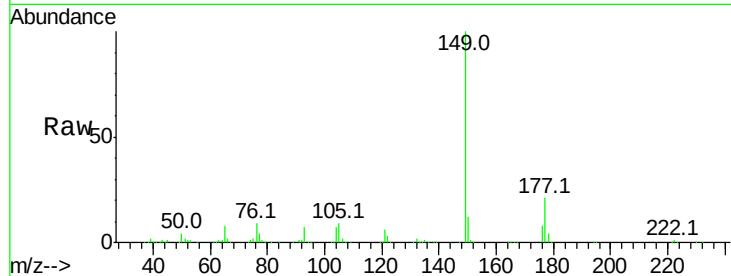
#59
Diethylphthalate
Concen: 38.18 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

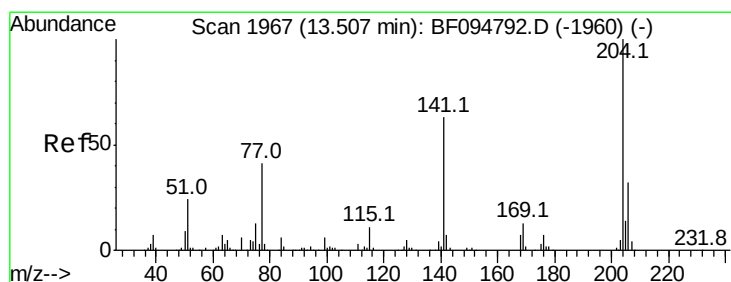
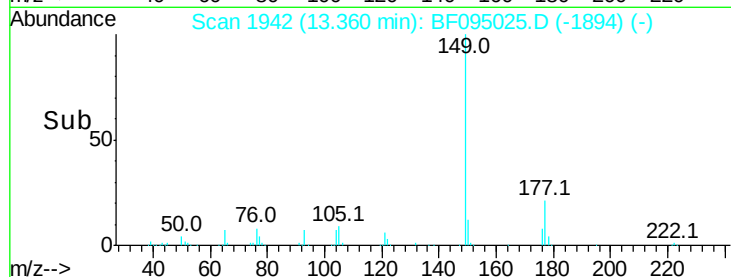
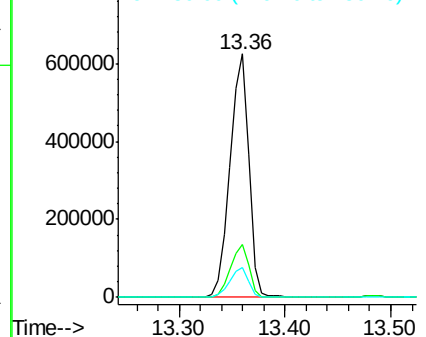
Tot Ion	Ratio	Resp	Lower	Upper
149	100	769790		
177	21.5	16.7	25.1	
150	12.4	10.2	15.2	

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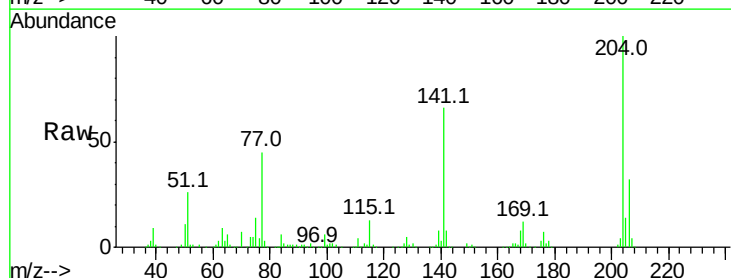


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

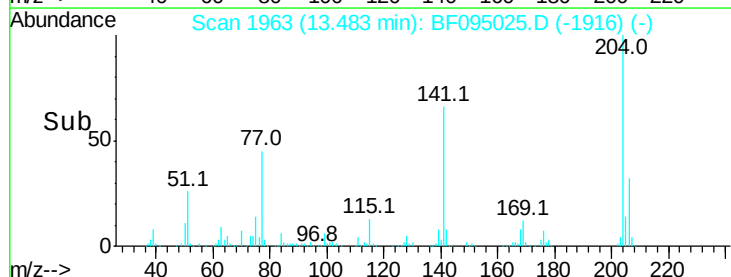
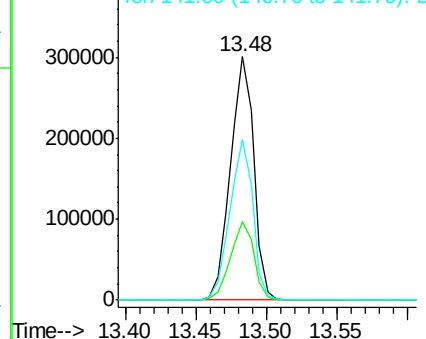


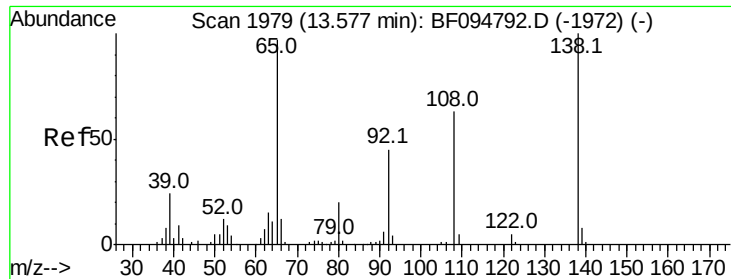
#60
4-Chlorophenyl-phenylether
Concen: 40.03 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345036		
206	32.0	26.2	39.2	
141	66.0	60.8	91.2	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





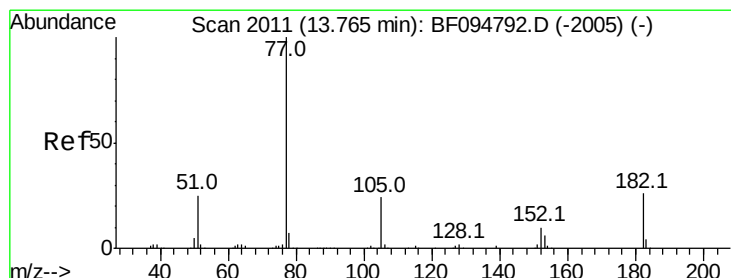
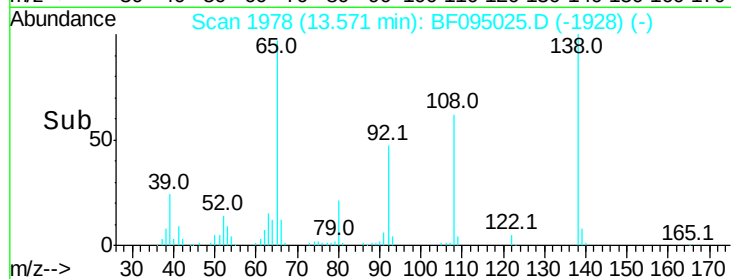
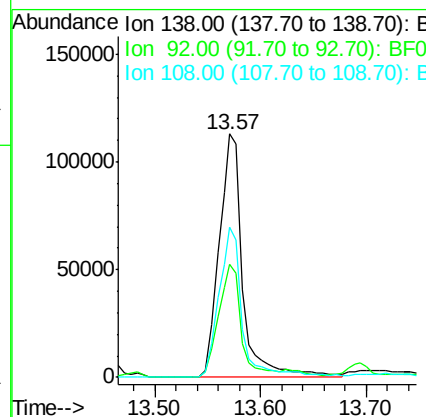
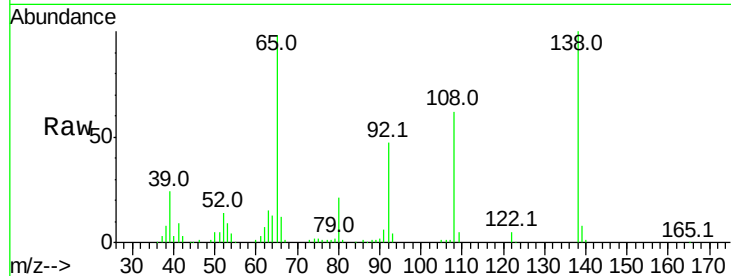
#61
4-Nitroaniline
Concen: 42.07 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	177910		
92	46.5	21.8	61.8	
108	61.8	42.3	82.3	

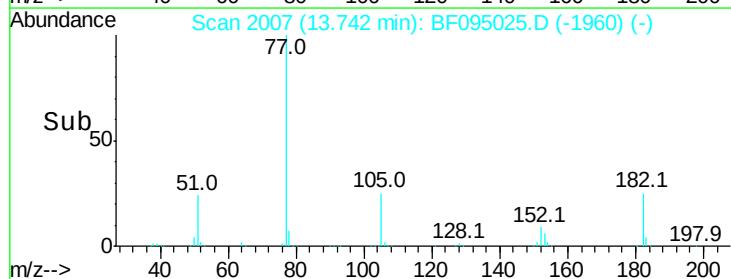
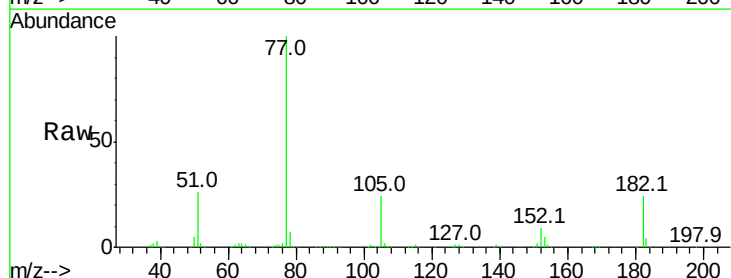
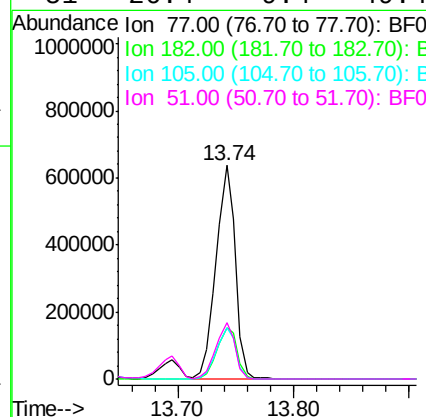
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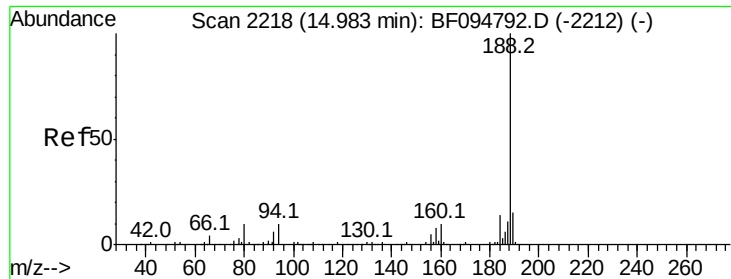
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#62
Azobenzene
Concen: 45.67 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	740043		
182	23.8	0.1	40.1	
105	24.0	3.6	43.6	
51	26.4	9.4	49.4	





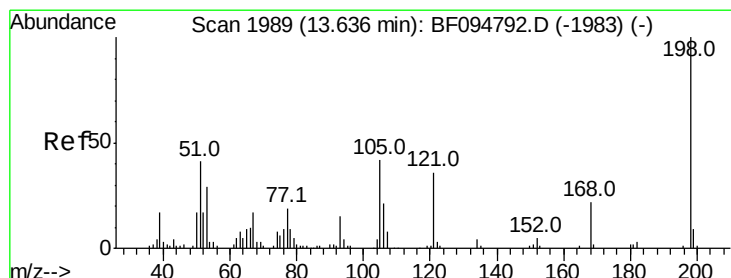
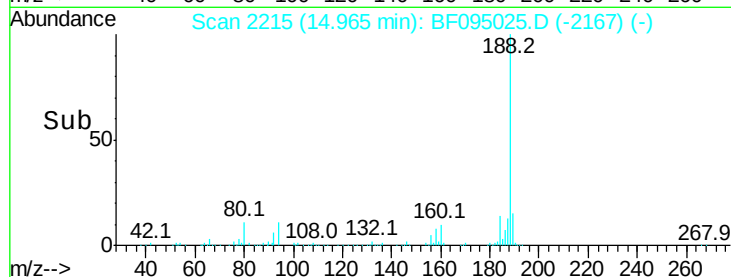
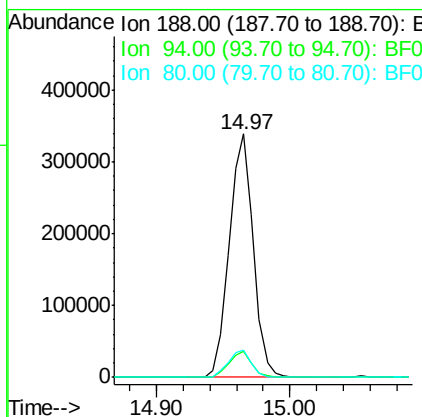
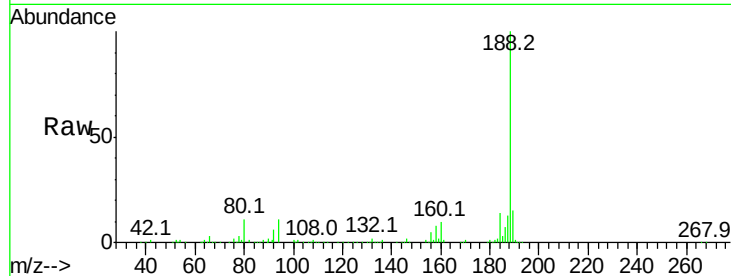
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	11.2	10.2	15.2	

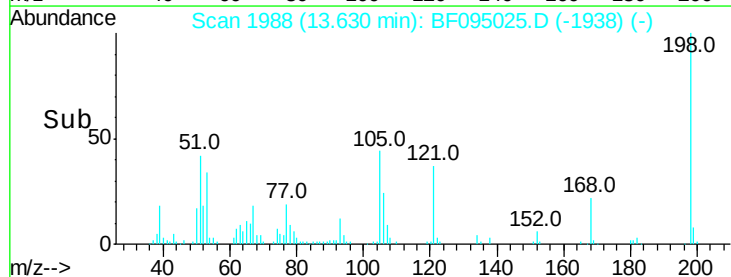
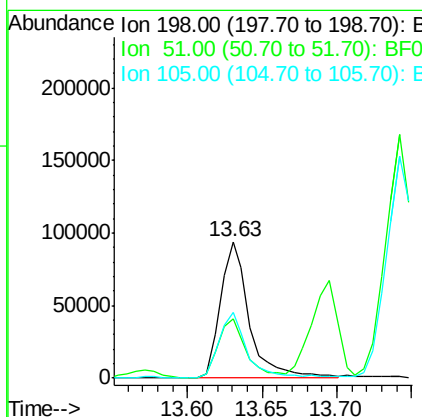
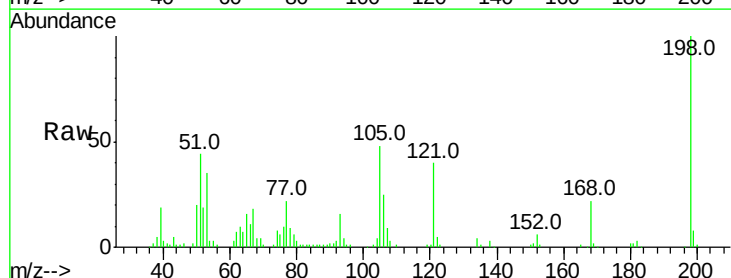
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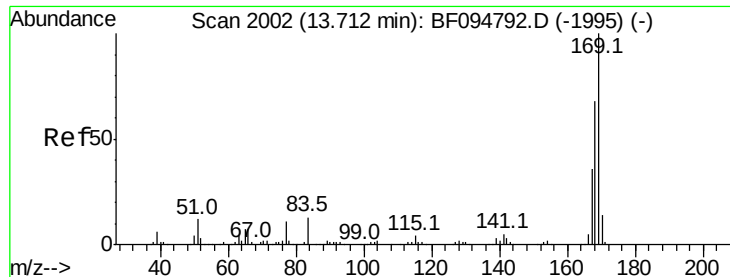
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.59 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.7	53.2	93.2#	
105	48.4	45.8	85.8	





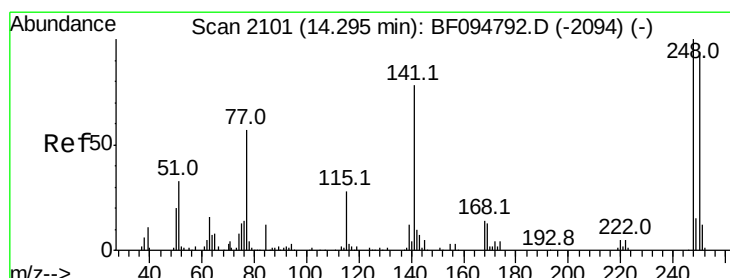
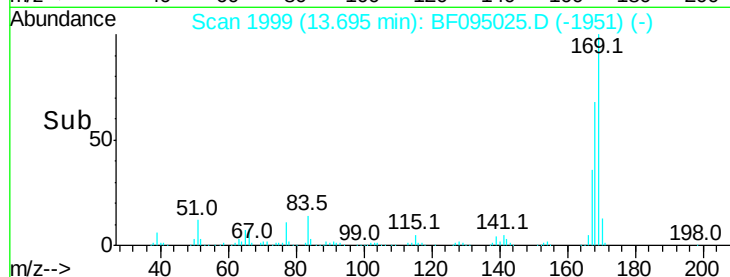
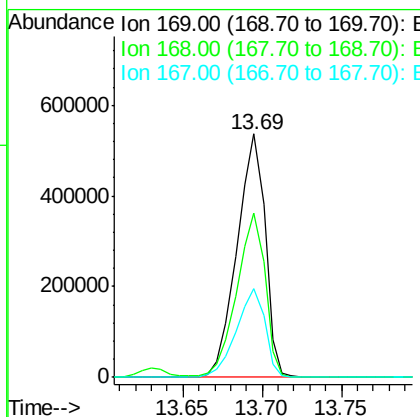
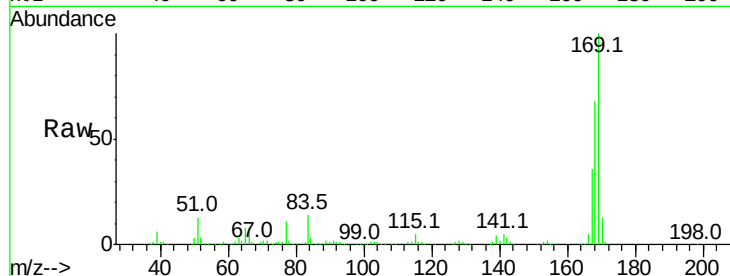
#65
n-Nitrosodiphenylamine
Concen: 42.53 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	661573		
168	67.6		53.2	79.8
167	36.3		29.5	44.3

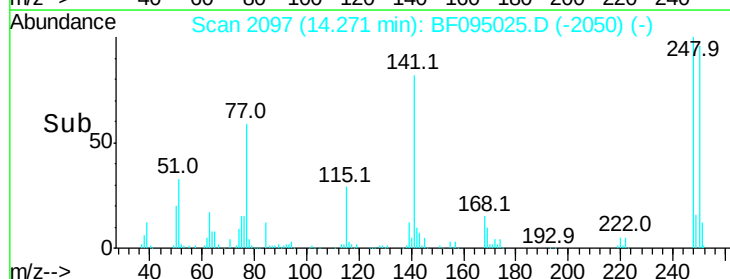
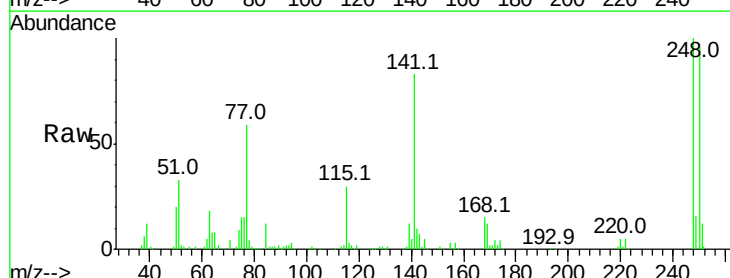
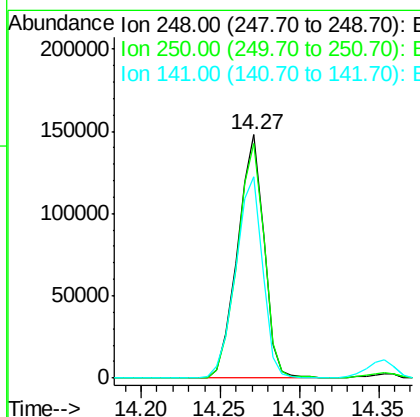
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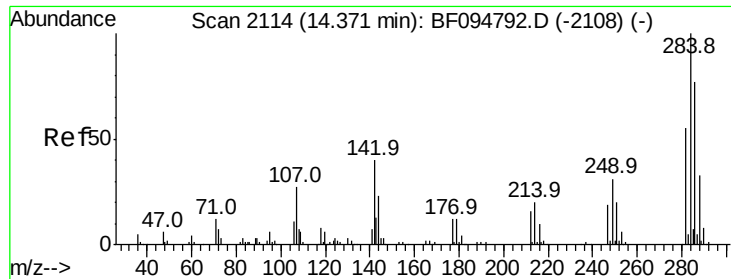
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 37.63 ng
RT: 14.27 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170392		
250	96.4		76.8	115.2
141	82.9		68.6	103.0





#67

Hexachlorobenzene

Concen: 36.63 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

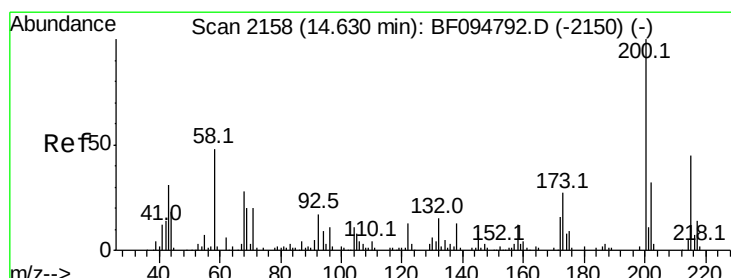
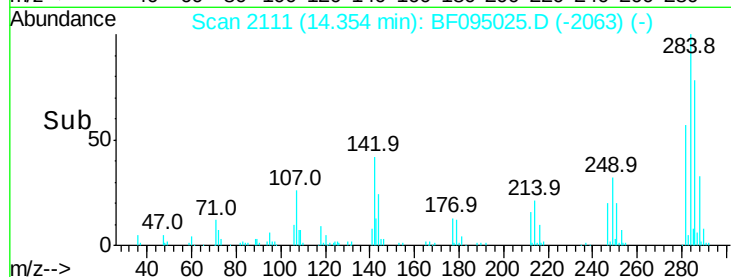
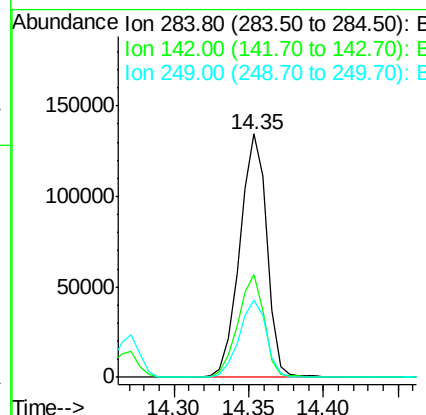
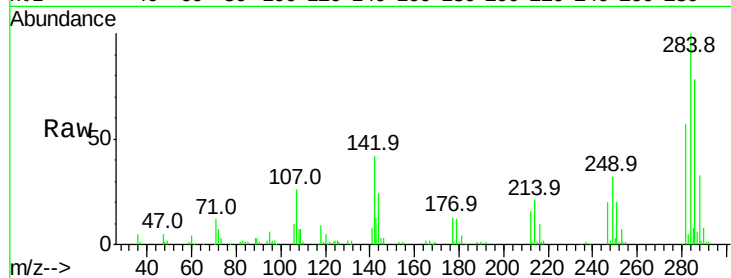
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	170002		
142	42.4	22.8	34.2#	
249	31.9	24.0	36.0	

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#68

Atrazine

Concen: 38.64 ng

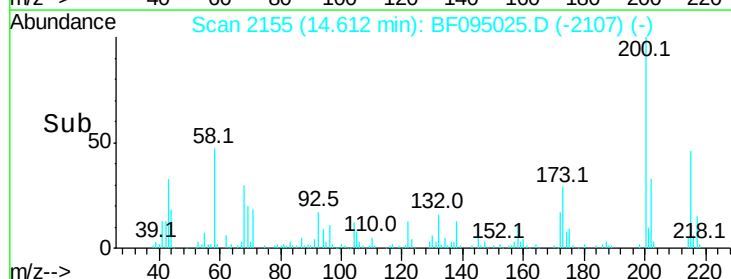
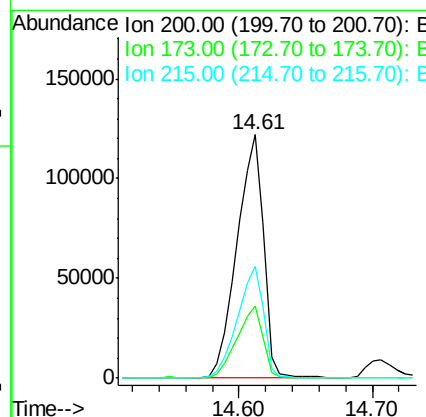
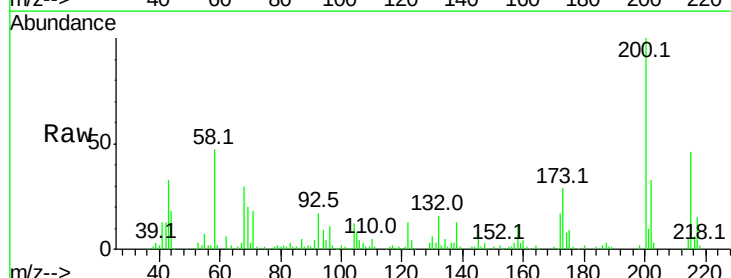
RT: 14.61 min Scan# 2155

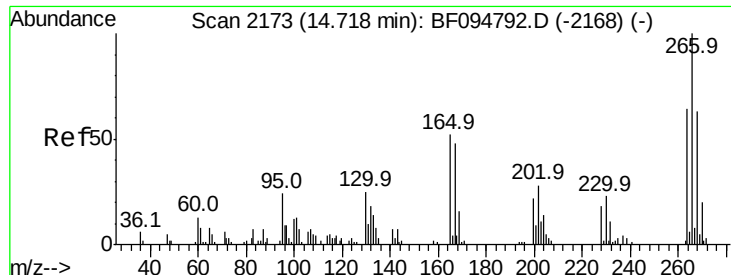
Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	169699		
173	29.4	6.3	46.3	
215	46.0	27.2	67.2	





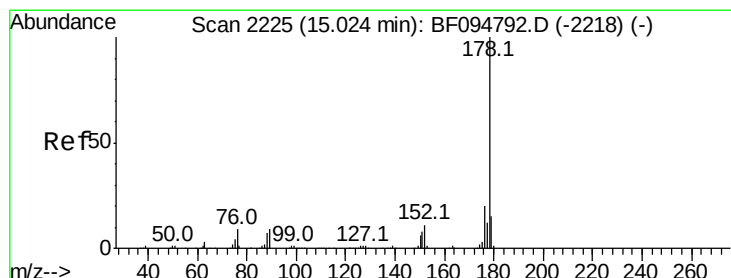
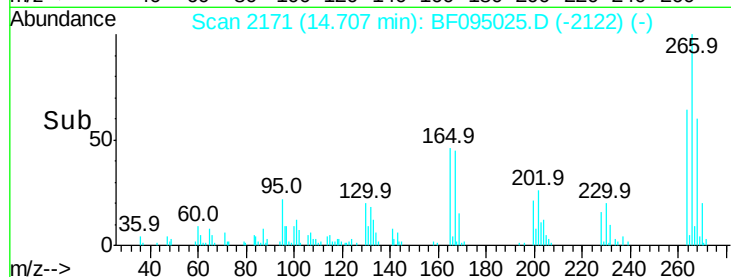
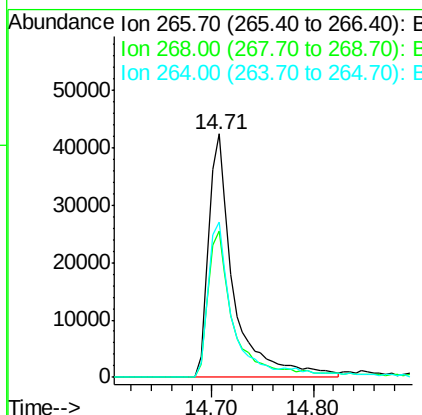
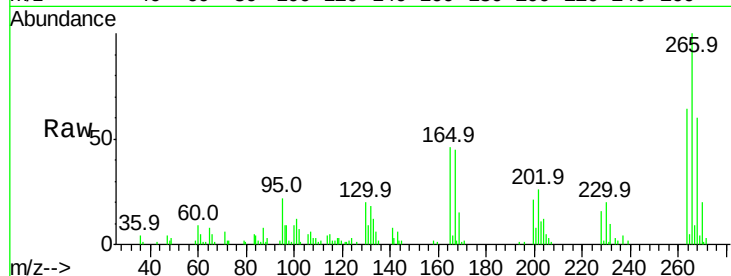
#69
 Pentachlorophenol
 Concen: 37.96 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	63.6	51.7	77.5

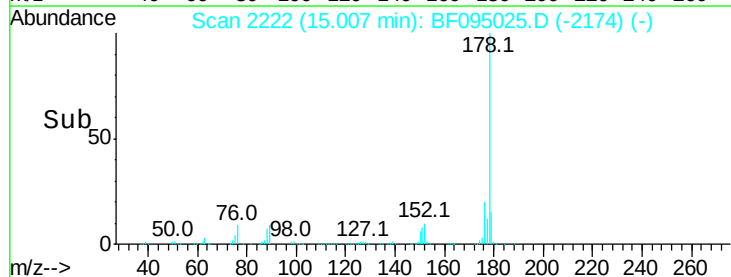
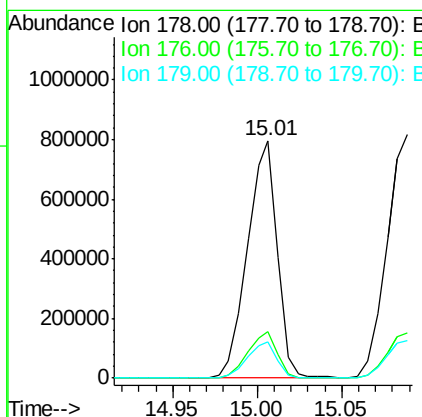
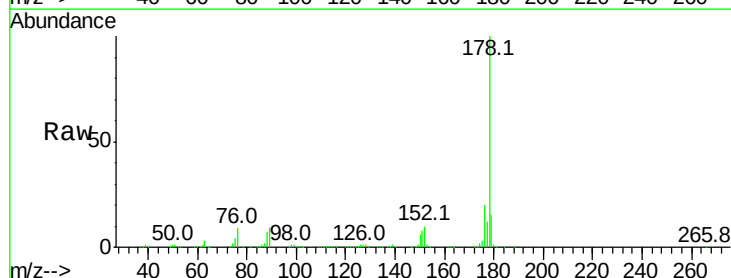
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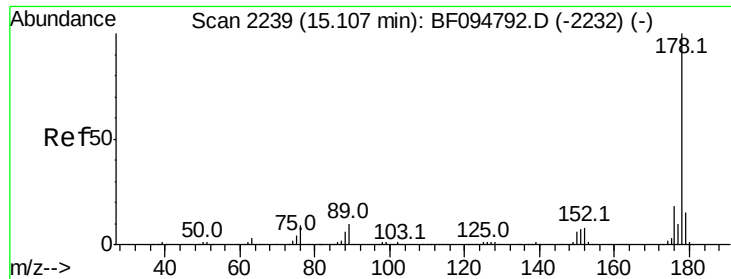
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#70
 Phenanthrene
 Concen: 39.74 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.4	12.6	19.0





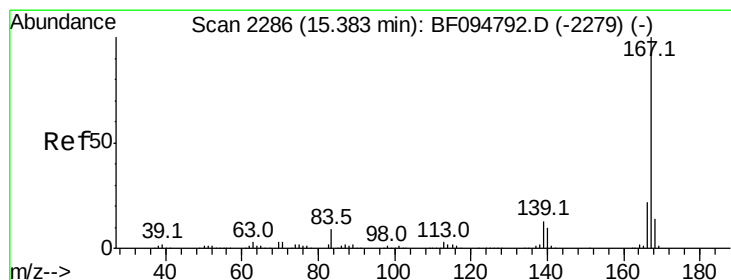
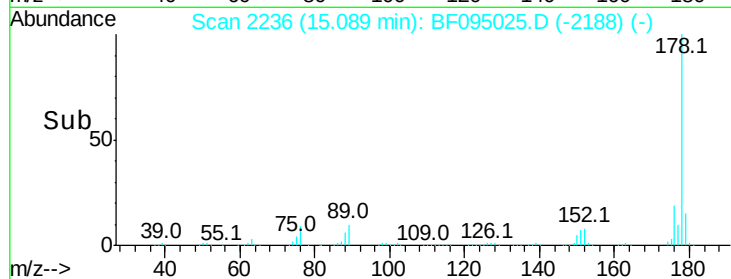
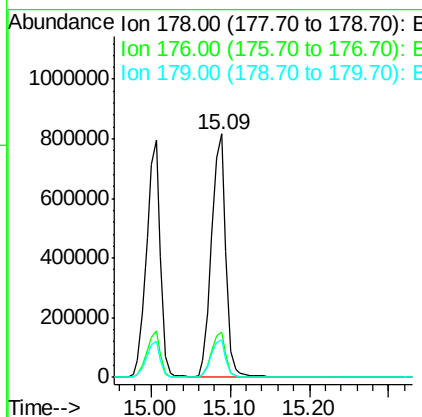
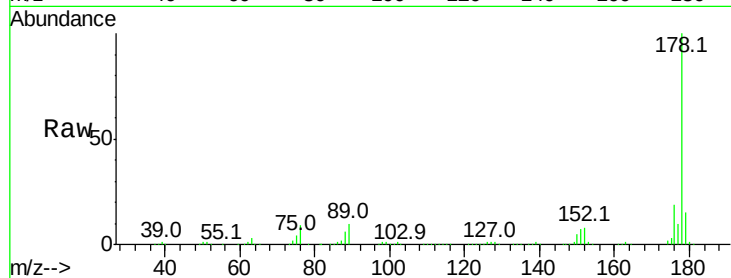
#71
 Anthracene
 Concen: 40.79 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1026063
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.2 12.7 19.1

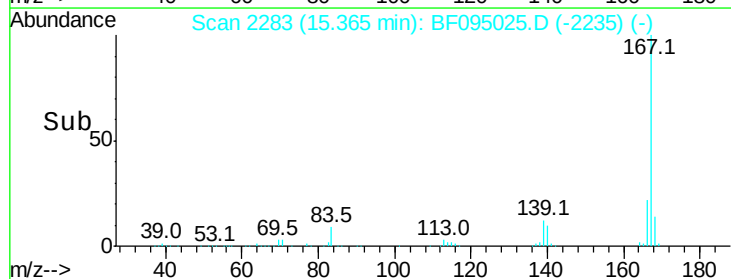
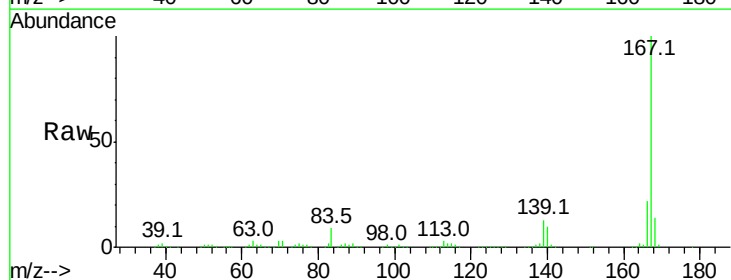
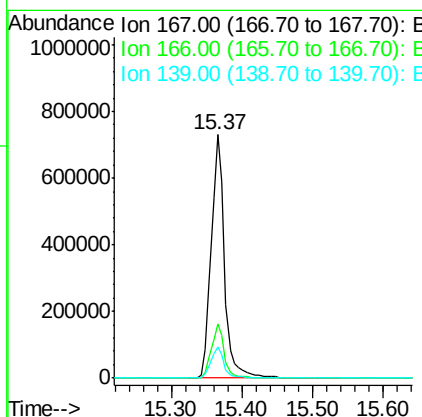
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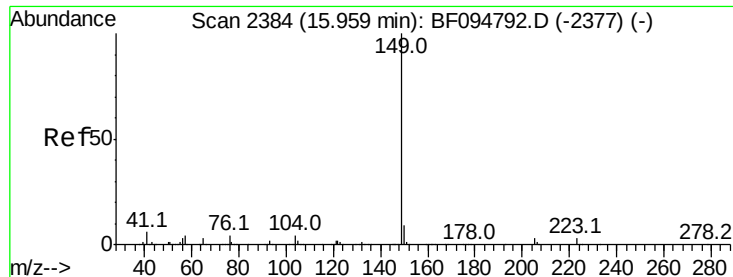
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#72
 Carbazole
 Concen: 42.27 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:167 Resp: 967431
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.0 11.7 17.5





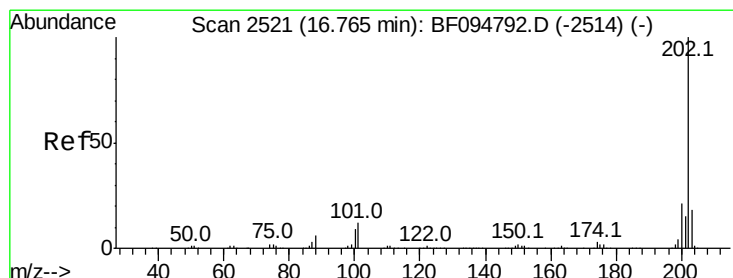
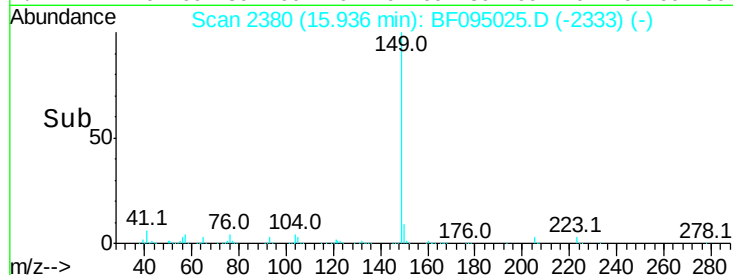
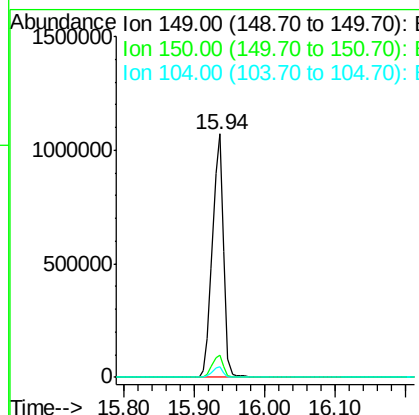
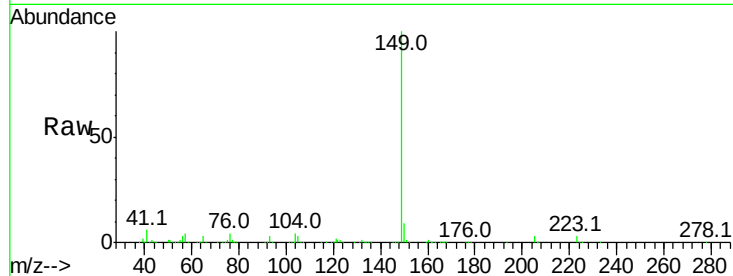
#73
Di-n-butylphthalate
Concen: 41.38 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.4	4.0	6.0

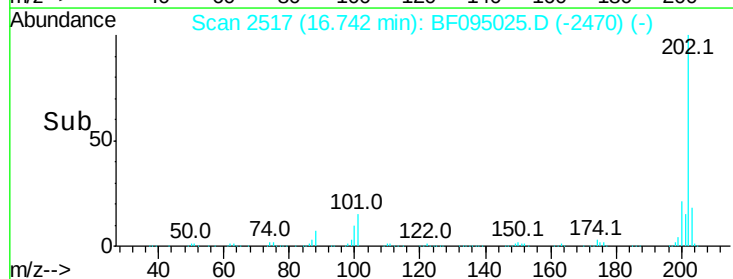
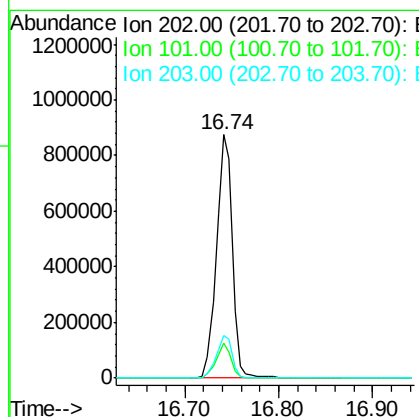
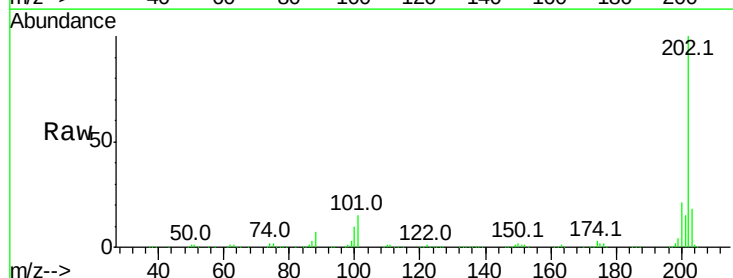
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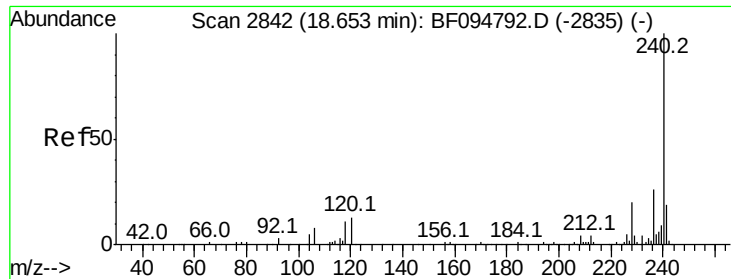
mohammad
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#74
Fluoranthene
Concen: 41.44 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.8	0.0	38.1





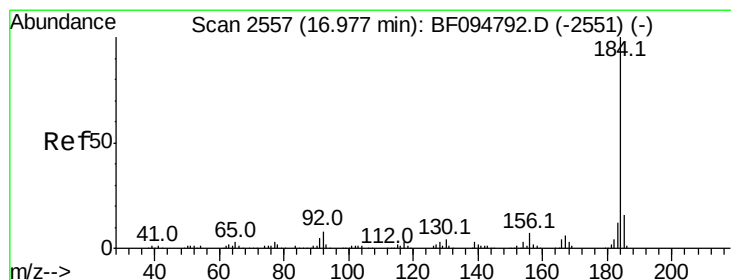
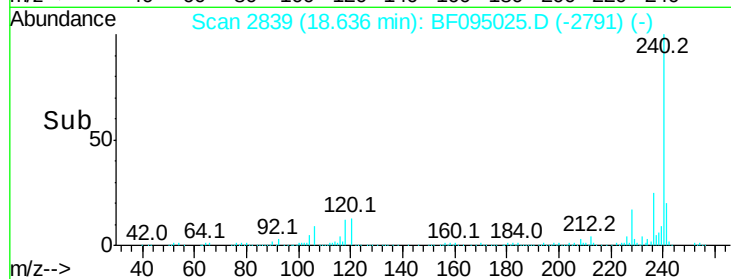
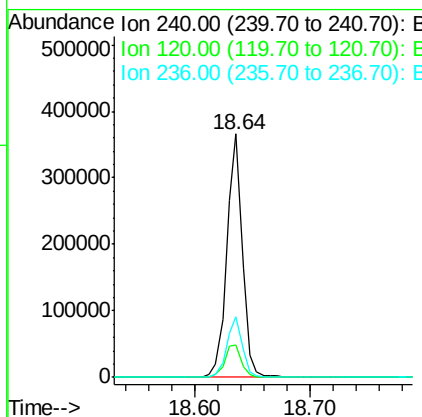
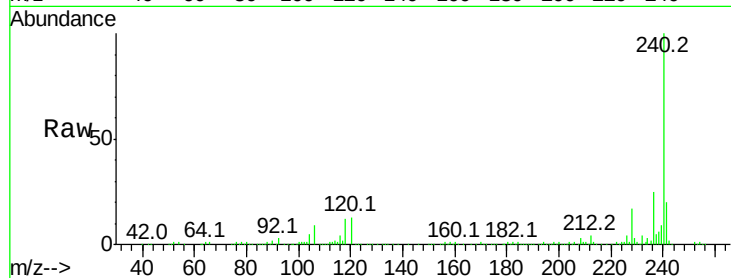
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.0	20.5	30.7

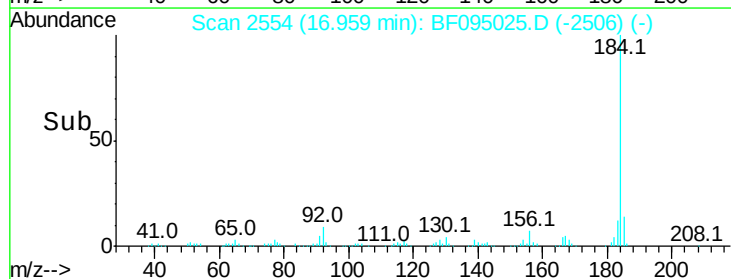
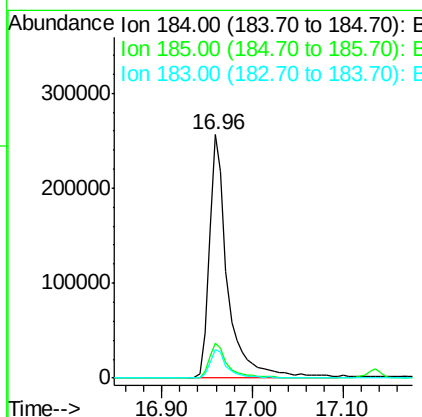
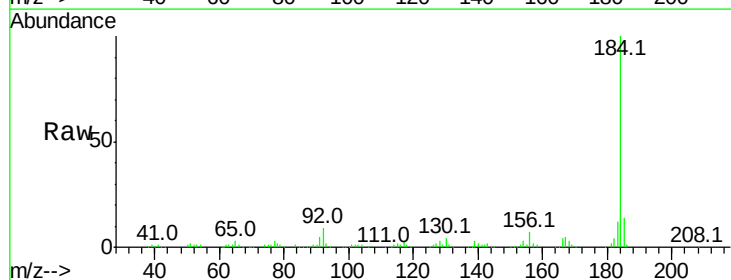
Manual Integrations
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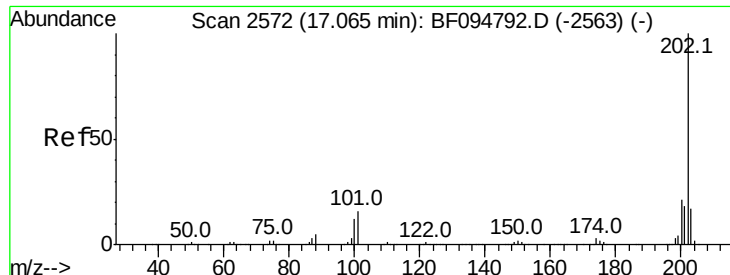
mohammad
 5/10/2017 11:46:44 AM



#76
 Benzidine
 Concen: 40.89 ng
 RT: 16.96 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	11.9	9.8	14.6





#77

Pvrene

Concen: 41.00 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1044508

Ion Ratio Lower Upper

202 100

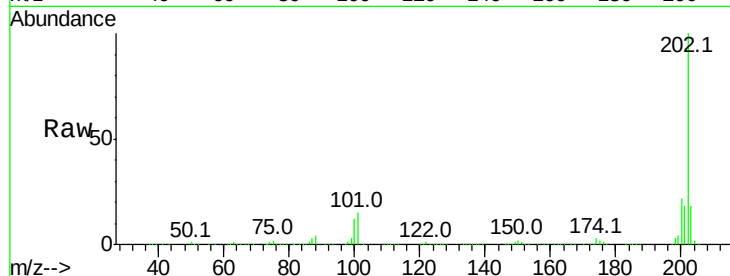
200 21.7 17.6 26.4

203 18.0 14.4 21.6

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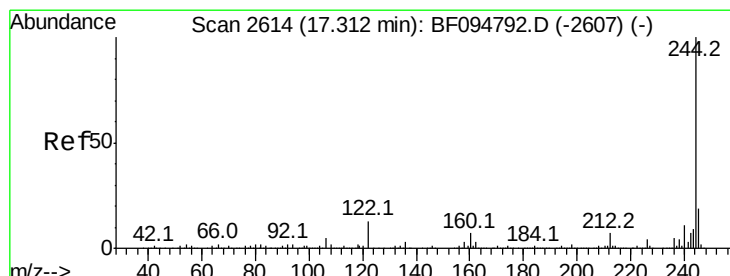
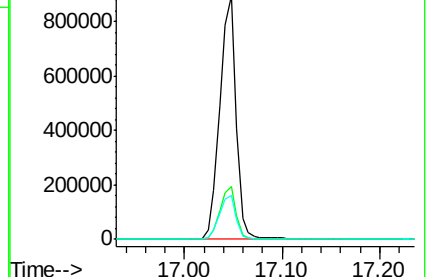
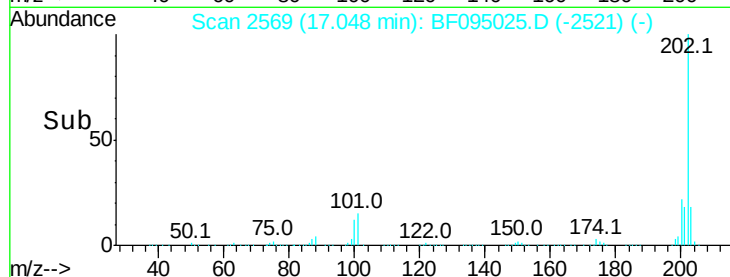
5/10/2017 11:46:44 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.14 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

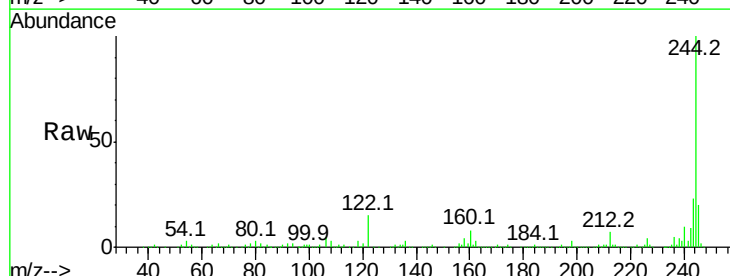
Tgt Ion:244 Resp: 1069314

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

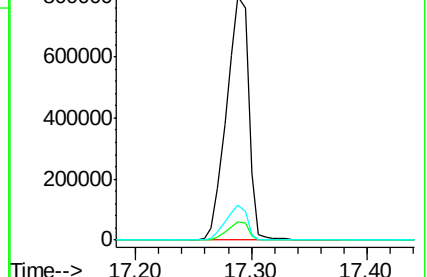
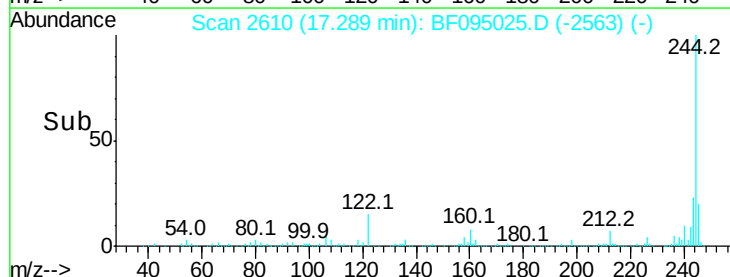
122 14.5 10.3 15.5

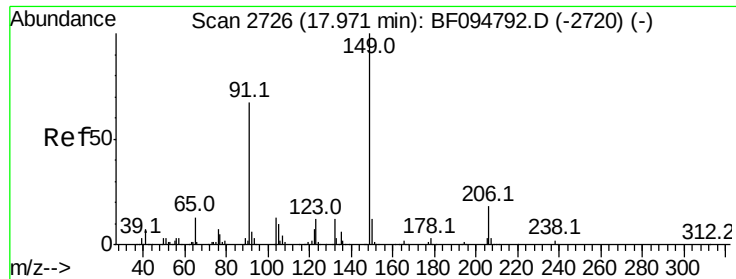


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





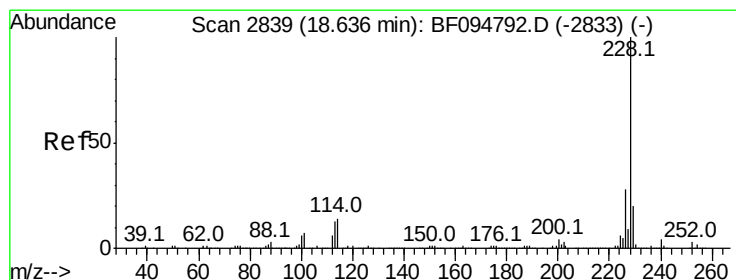
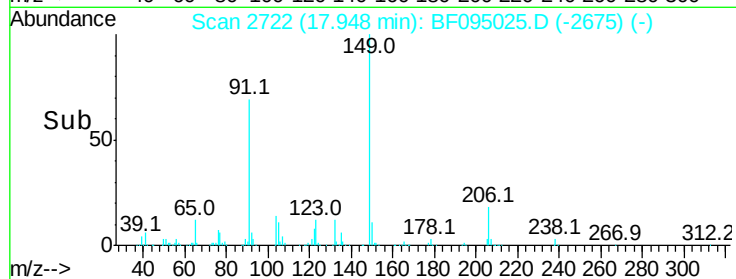
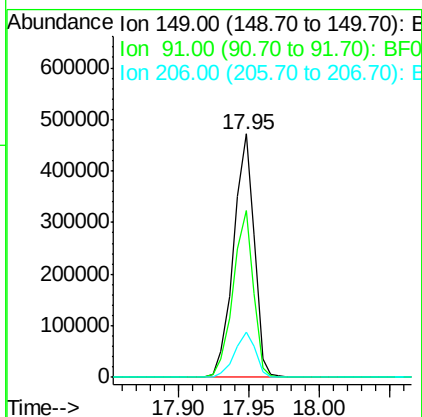
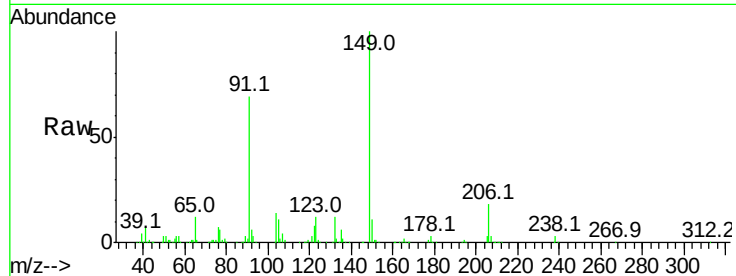
#79
Butylbenzylphthalate
Concen: 40.70 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	482219		
91	68.7	45.0	67.4#	
206	18.4	17.0	25.6	

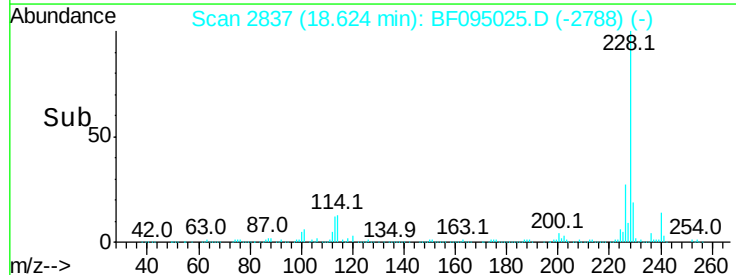
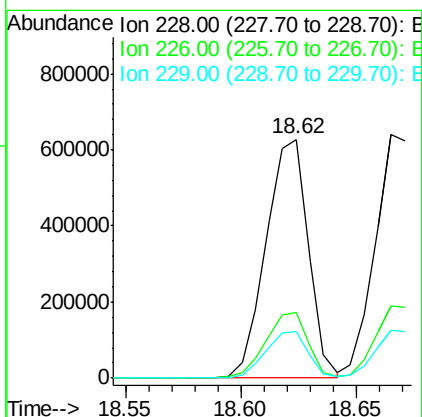
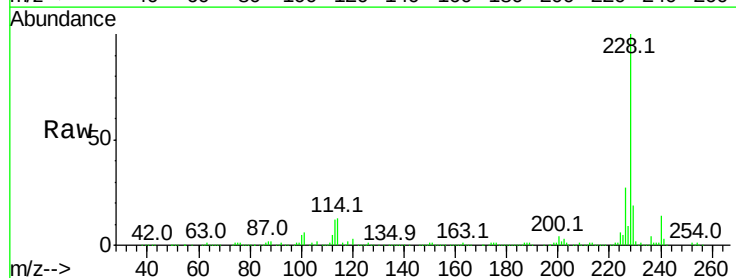
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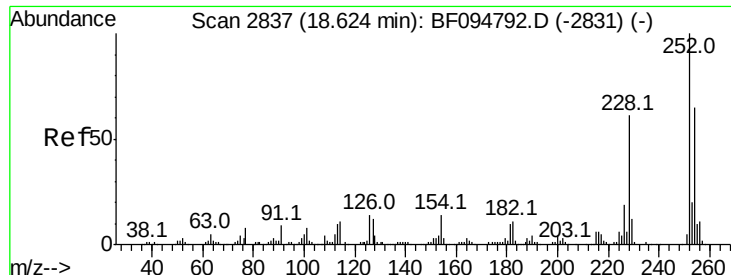
mohammad
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#80
Benzo(a)anthracene
Concen: 40.13 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	795628		
226	27.3	22.6	33.8	
229	19.4	16.3	24.5	





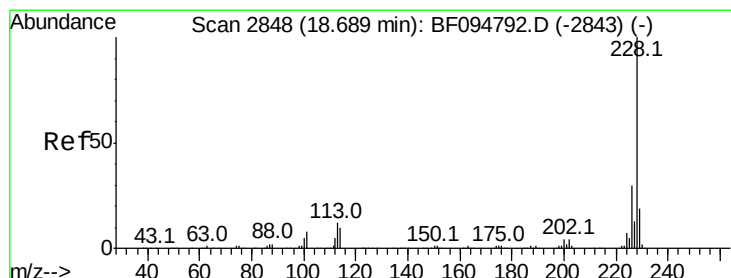
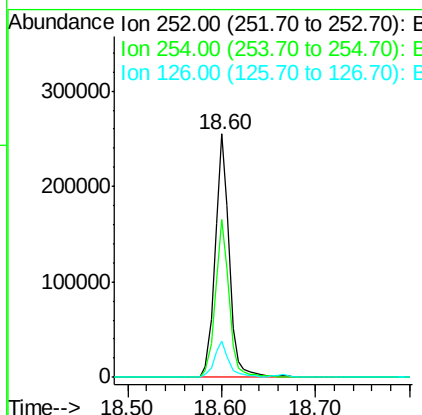
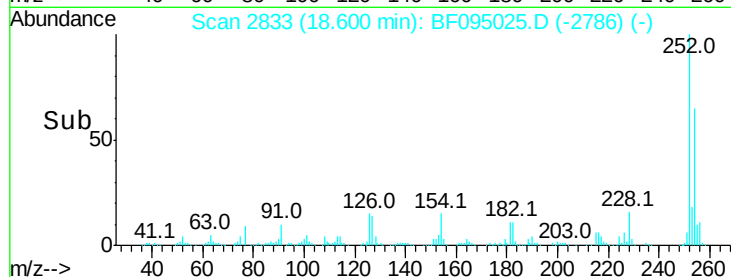
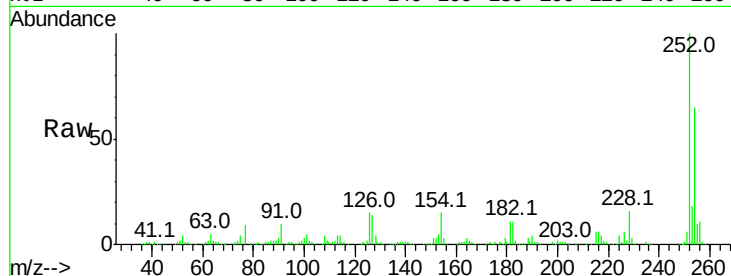
#81
 3,3'-Dichlorobenzidine
 Concen: 39.84 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.7	15.8	23.8

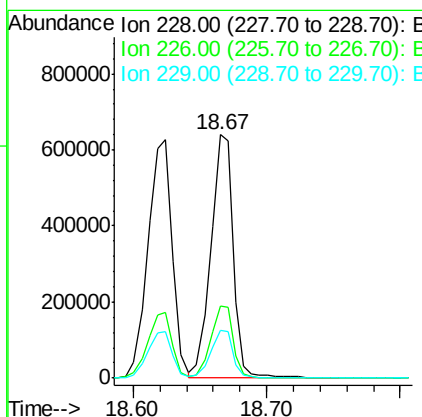
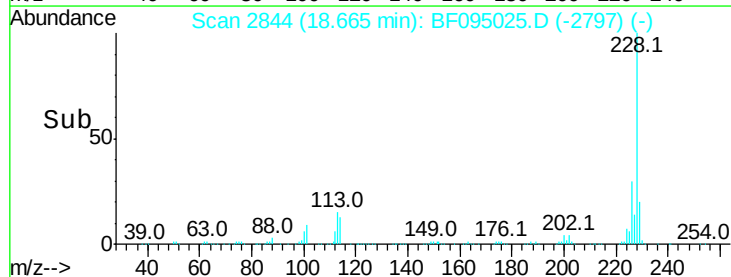
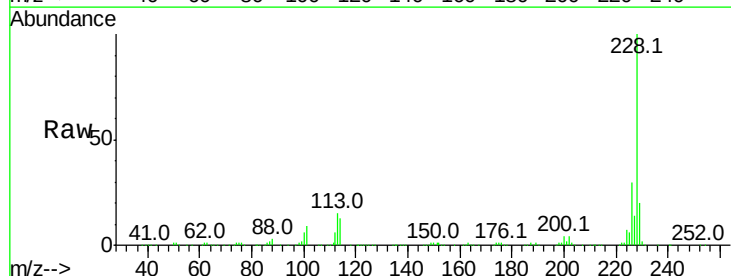
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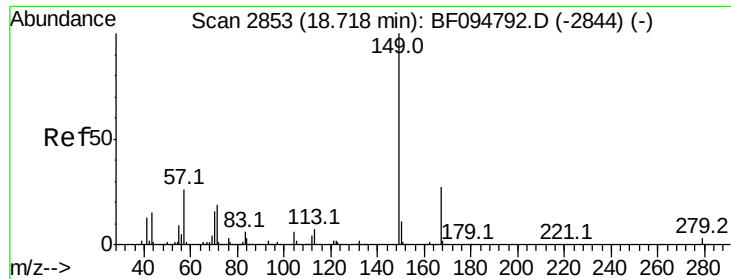
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#82
 Chrysene
 Concen: 39.13 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.6	15.8	23.6





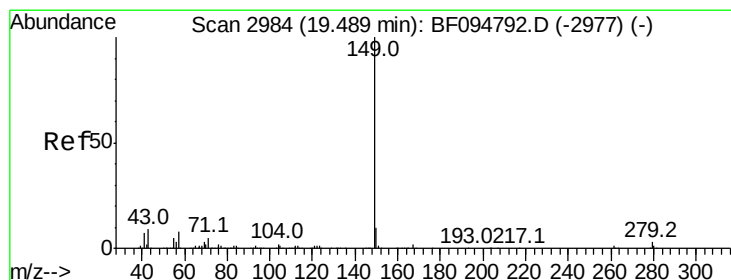
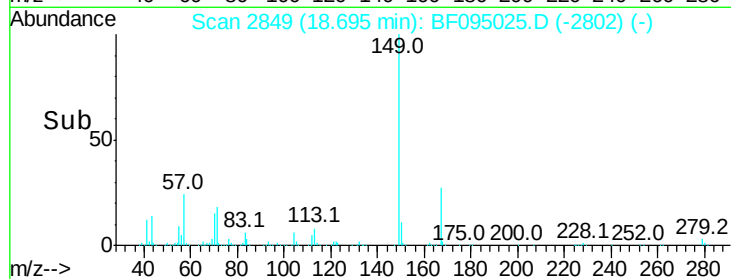
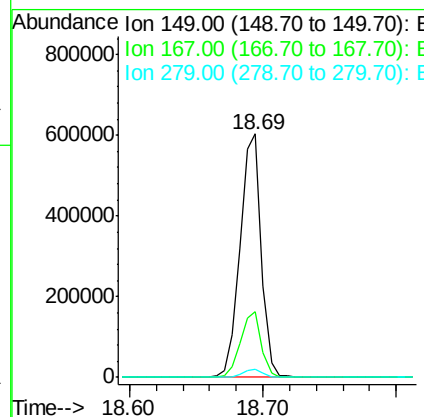
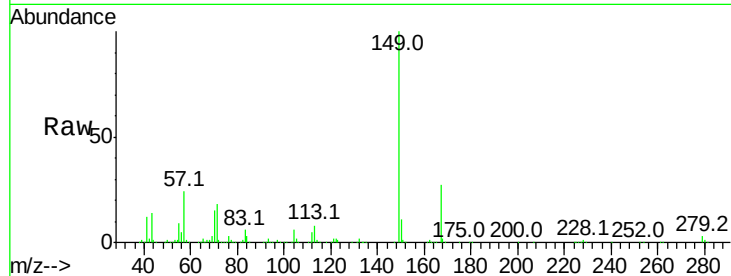
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.64 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	669225		
167	26.8	21.0	31.4	
279	3.3	1.9	2.9	

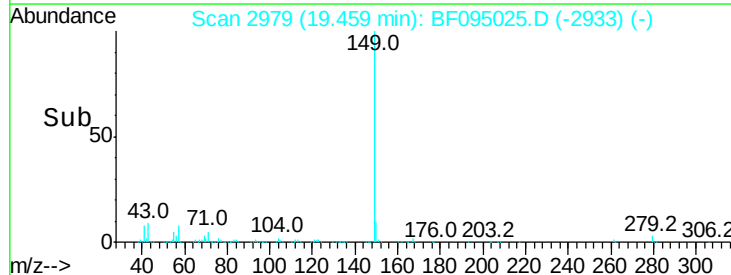
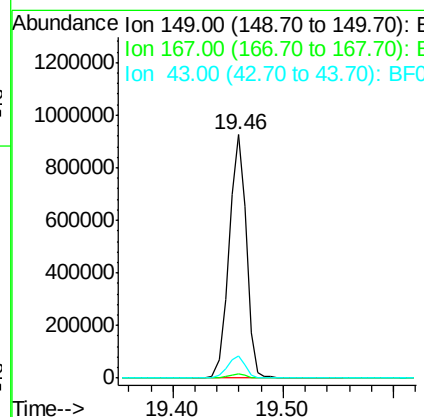
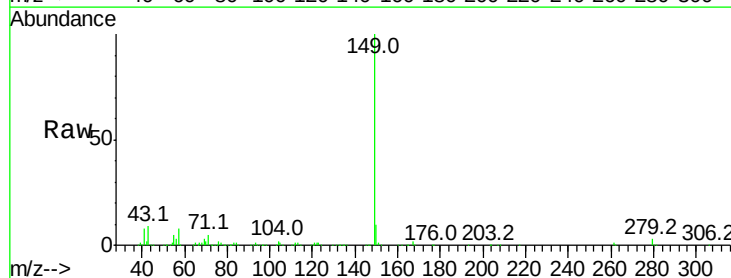
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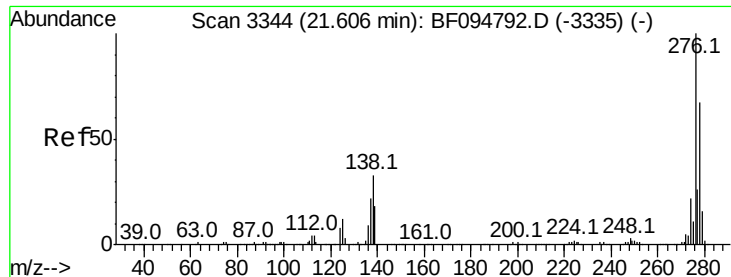
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 36.75 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1017116		
167	1.5	1.2	1.8	
43	9.4	8.5	12.7	





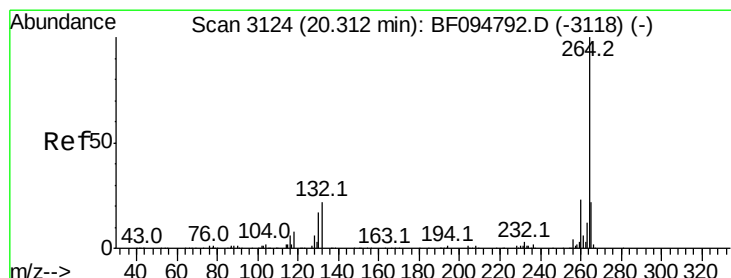
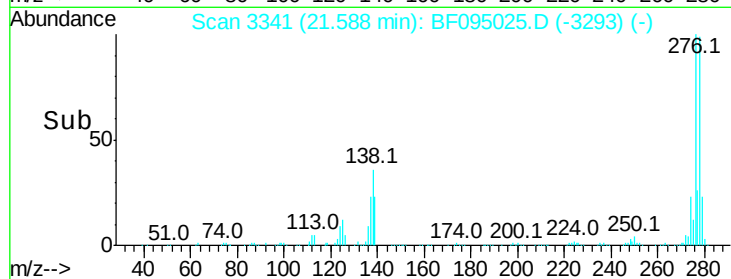
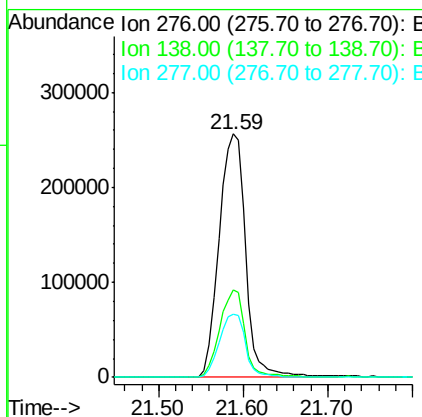
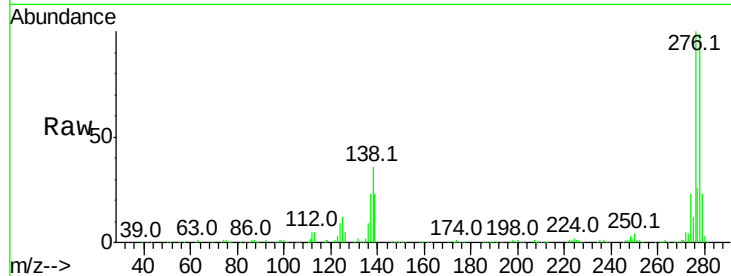
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.08 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	276	Resp:	561652
Ion Ratio	Lower	Upper	
276	100		
138	34.3	27.8	41.6
277	25.8	20.2	30.4

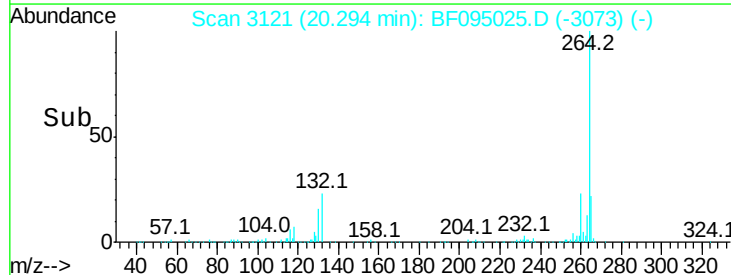
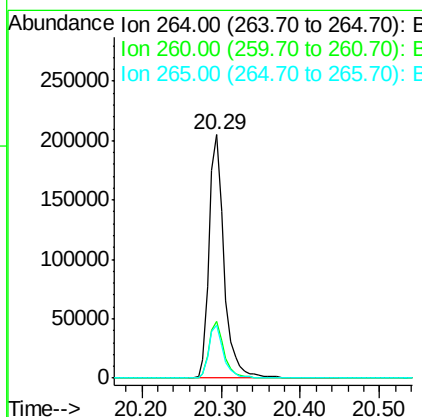
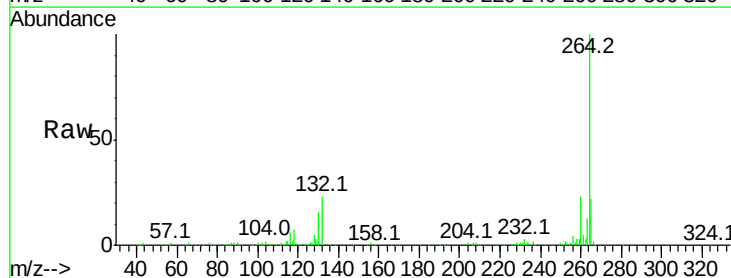
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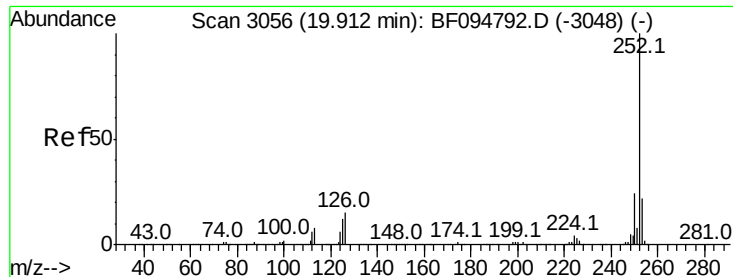
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Tgt Ion:	264	Resp:	269008
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.14 ng

RT: 19.89 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Instrument :

BNA_F

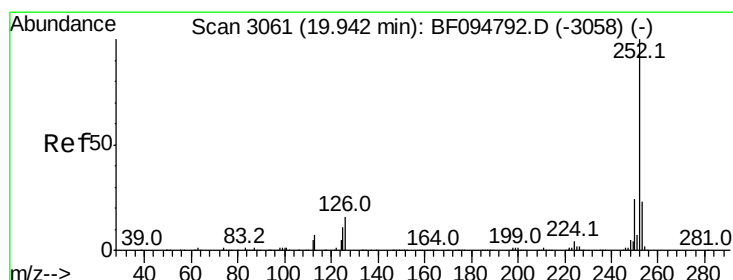
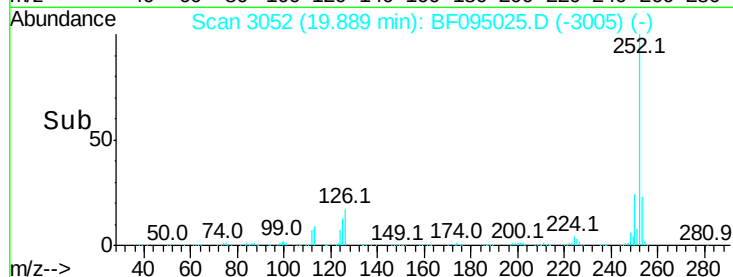
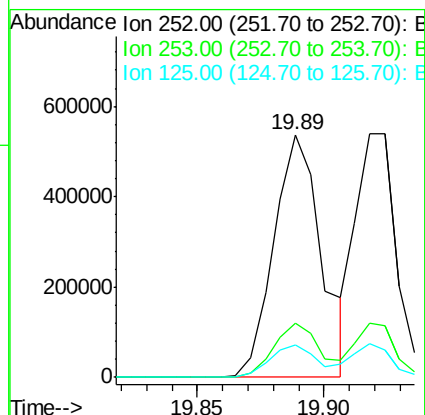
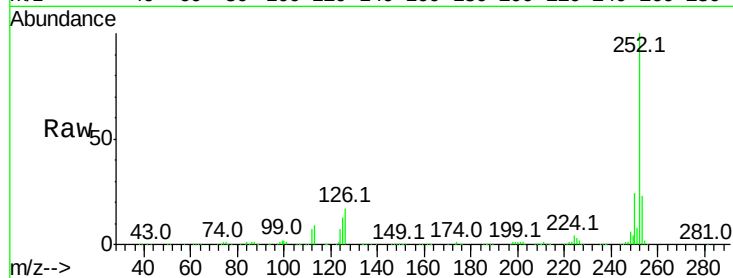
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.3	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.44 ng

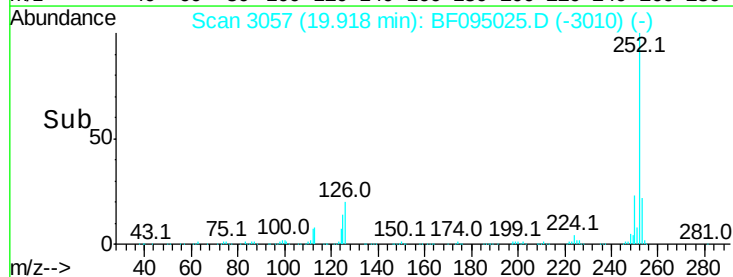
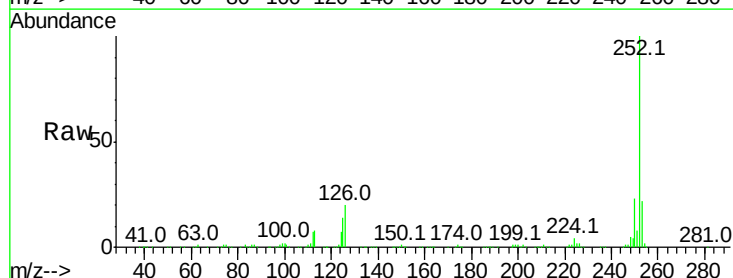
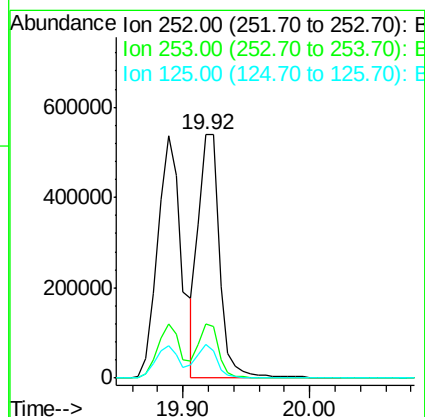
RT: 19.92 min Scan# 3057

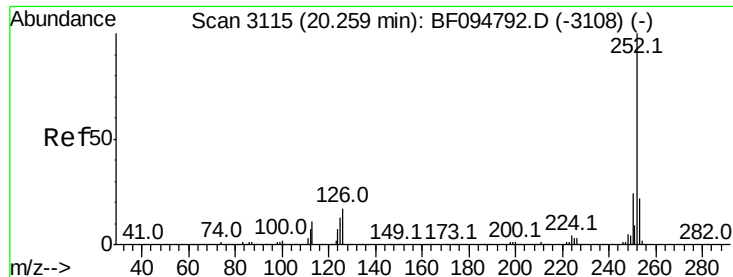
Delta R.T. -0.02 min

Lab File: BF095025.D

Acq: 9 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.9	13.1	19.7





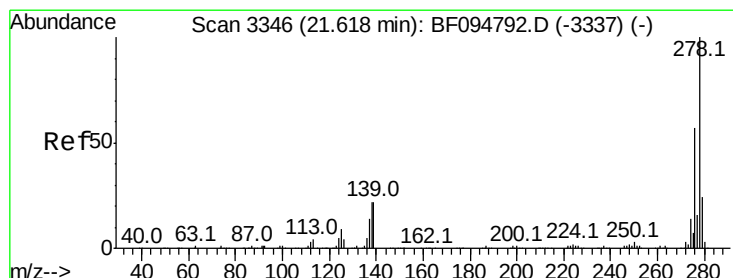
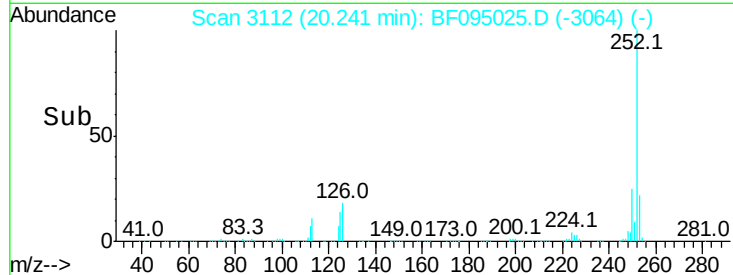
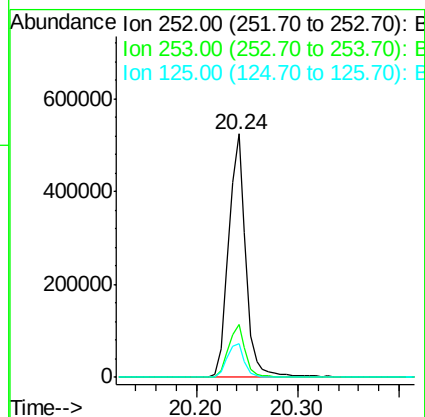
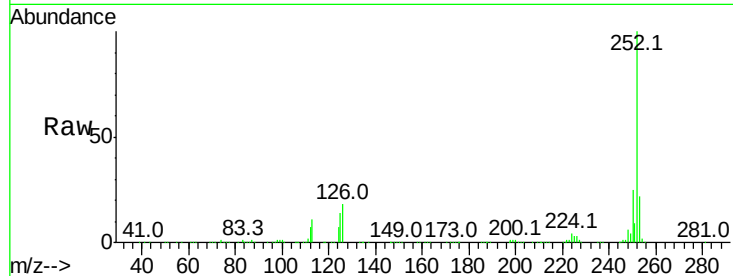
#89
Benzo(a)pyrene
Concen: 40.01 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	252	Resp:	613735
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	13.8	11.0	16.4

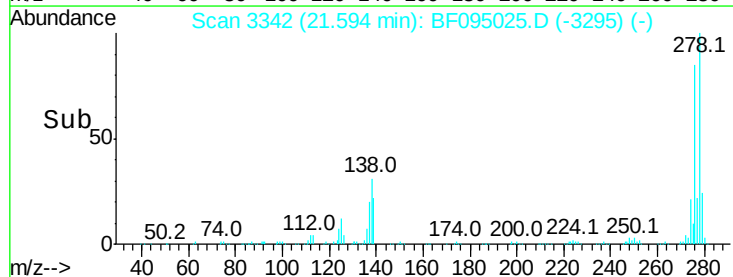
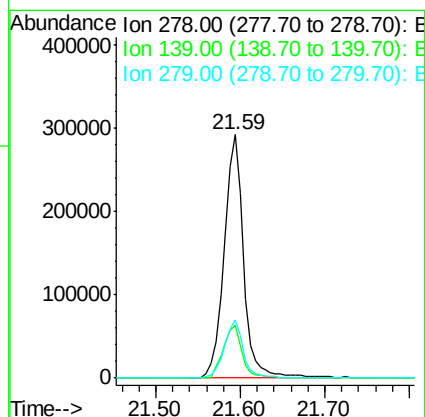
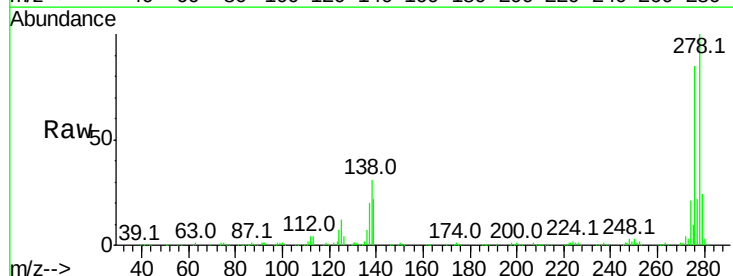
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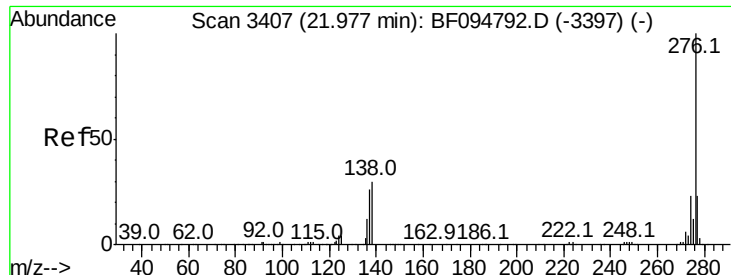
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 37.04 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095025.D
Acq: 9 May 2017 16:39

Tgt Ion:	278	Resp:	469196
Ion Ratio	Lower	Upper	
278	100		
139	21.9	16.6	24.8
279	23.9	19.3	28.9





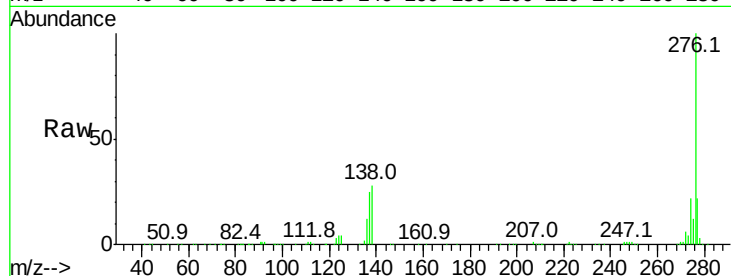
#91
 Benzo(a,h,i)perylene
 Concen: 40.66 ng
 RT: 21.96 min Scan# 3404
 Delta R.T. -0.02 min
 Lab File: BF095025.D
 Acq: 9 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	28.4	25.4	38.0

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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

