

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095447.D
 Acq On : 26 May 2017 5:33
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/26/2017 1:26:55 PM

Quant Time: May 26 11:42:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	101545	20.00	ng	-0.02
21) Naphthalene-d8	9.76	136	405647	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	167765	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	253793	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	204439	20.00	ng	-0.02
86) Perylene-d12	20.36	264	147776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	505976	83.07	ng	-0.03
7) Phenol-d6	7.29	99	587353	80.37	ng	-0.02
23) Nitrobenzene-d5	8.65	82	531034	82.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	100263	72.97	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	954372	81.88	ng	-0.02
78) Terphenyl-d14	17.32	244	754923	81.33	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	109720	36.73	ng	94
3) Pyridine	2.85	79	250162	36.13	ng	100
4) n-Nitrosodimethylamine	2.78	42	96754m	33.53	ng	
6) Aniline	7.25	93	385729	41.81	ng	95
8) 2-Chlorophenol	7.44	128	279606	40.33	ng	96
9) Benzaldehyde	7.07	77	172497	38.66	ng	99
10) Phenol	7.31	94	328104	42.61	ng	89
11) bis(2-Chloroethyl)ether	7.38	93	257369	40.48	ng	97
12) 1,3-Dichlorobenzene	7.65	146	316307	40.22	ng	97
13) 1,4-Dichlorobenzene	7.77	146	323705	40.59	ng	97
14) 1,2-Dichlorobenzene	8.00	146	309271	41.55	ng	97
15) Benzyl Alcohol	8.04	79	200767	42.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	360590	40.07	ng	93
17) 2-Methylphenol	8.25	107	237376	41.84	ng	97
18) Hexachloroethane	8.52	117	86953	32.19	ng	# 86
19) n-Nitroso-di-n-propylamine	8.45	70	200625	40.59	ng	96
20) 3+4-Methylphenols	8.51	107	309685	40.17	ng	# 57
22) Acetophenone	8.42	105	398049	40.90	ng	# 83
24) Nitrobenzene	8.68	77	276562	41.02	ng	94
25) Isophorone	9.08	82	478886	41.69	ng	95
26) 2-Nitrophenol	9.19	139	137077	37.68	ng	96
27) 2,4-Dimethylphenol	9.32	122	247109	42.01	ng	98
28) bis(2-Chloroethoxy)methane	9.44	93	336382	42.33	ng	99
29) 2,4-Dichlorophenol	9.62	162	215546	38.81	ng	99
30) 1,2,4-Trichlorobenzene	9.69	180	242223	40.71	ng	99
31) Naphthalene	9.80	128	820793	40.26	ng	100
32) Benzoic acid	9.65	122	98272	27.83	ng	91
33) 4-Chloroaniline	9.94	127	326100	42.92	ng	# 92
34) Hexachlorobutadiene	10.01	225	125853	40.08	ng	98
35) Caprolactam	10.57	113	67925	40.73	ng	# 84
36) 4-Chloro-3-methylphenol	10.81	107	241478	40.66	ng	90
37) 2-Methylnaphthalene	10.92	142	533196	39.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	216549	41.97	ng	98
40) Hexachlorocyclopentadiene	11.17	237	2657	7.19	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	141946	41.21	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	135611	36.63	nq	94
45) 1,1'-Biphenyl	11.69	154	613805	43.46	nq	97
46) 2-Chloronaphthalene	11.71	162	478677	41.97	nq	95
47) 2-Nitroaniline	11.94	65	132198	42.35	nq	# 75
48) Acenaphthylene	12.37	152	711774	39.84	nq	98
49) Dimethylphthalate	12.24	163	583048	42.33	nq	99
50) 2,6-Dinitrotoluene	12.34	165	107687	38.33	nq	# 89
51) Acenaphthene	12.65	154	405955	38.05	nq	98
52) 3-Nitroaniline	12.62	138	128203	42.51	nq	90
53) 2,4-Dinitrophenol	12.91	184	1357	7.06	nq	# 60
54) Dibenzofuran	12.94	168	586678	39.73	nq	96
55) 4-Nitrophenol	13.10	139	52270m	28.86	nq	
56) 2,4-Dinitrotoluene	13.02	165	130256	36.08	nq	# 91
57) Fluorene	13.49	166	463675	36.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83992m	36.05	nq	
59) Diethylphthalate	13.38	149	549847	41.65	nq	98
60) 4-Chlorophenyl-phenylether	13.51	204	220609	39.10	nq	91
61) 4-Nitroaniline	13.62	138	101331	36.60	nq	95
62) Azobenzene	13.77	77	412086	38.85	nq	94
64) 4,6-Dinitro-2-methylphenol	13.71	198	10889	6.40	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	428610	46.53	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	117689	43.89	nq	99
67) Hexachlorobenzene	14.39	284	113848	41.43	nq	# 91
68) Atrazine	14.64	200	99529	38.27	nq	96
69) Pentachlorophenol	14.77	266	42369	37.47	nq	93
70) Phenanthrene	15.04	178	592042	40.60	nq	97
71) Anthracene	15.12	178	607428	40.78	nq	98
72) Carbazole	15.41	167	532706	39.31	nq	97
73) Di-n-butylphthalate	15.97	149	791403	46.83	nq	98
74) Fluoranthene	16.78	202	593854	39.70	nq	98
76) Benzidine	17.02	184	276978	49.81	nq	# 93
77) Pyrene	17.09	202	616580	40.33	nq	99
79) Butylbenzylphthalate	17.98	149	297262	41.80	nq	90
80) Benzo(a)anthracene	18.67	228	472875	39.74	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	175359	42.67	nq	# 96
82) Chrysene	18.71	228	449056	39.03	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	408742	40.34	nq	# 99
84) Di-n-octyl phthalate	19.49	149	732000	44.06	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	300545m	32.17	nq	
87) Benzo(b)fluoranthene	19.95	252	350594	38.39	nq	99
88) Benzo(k)fluoranthene	19.98	252	410160	46.57	nq	96
89) Benzo(a)pyrene	20.30	252	336624	39.95	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	254141	36.52	nq	96
91) Benzo(g,h,i)perylene	22.08	276	252085	36.91	nq	99

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

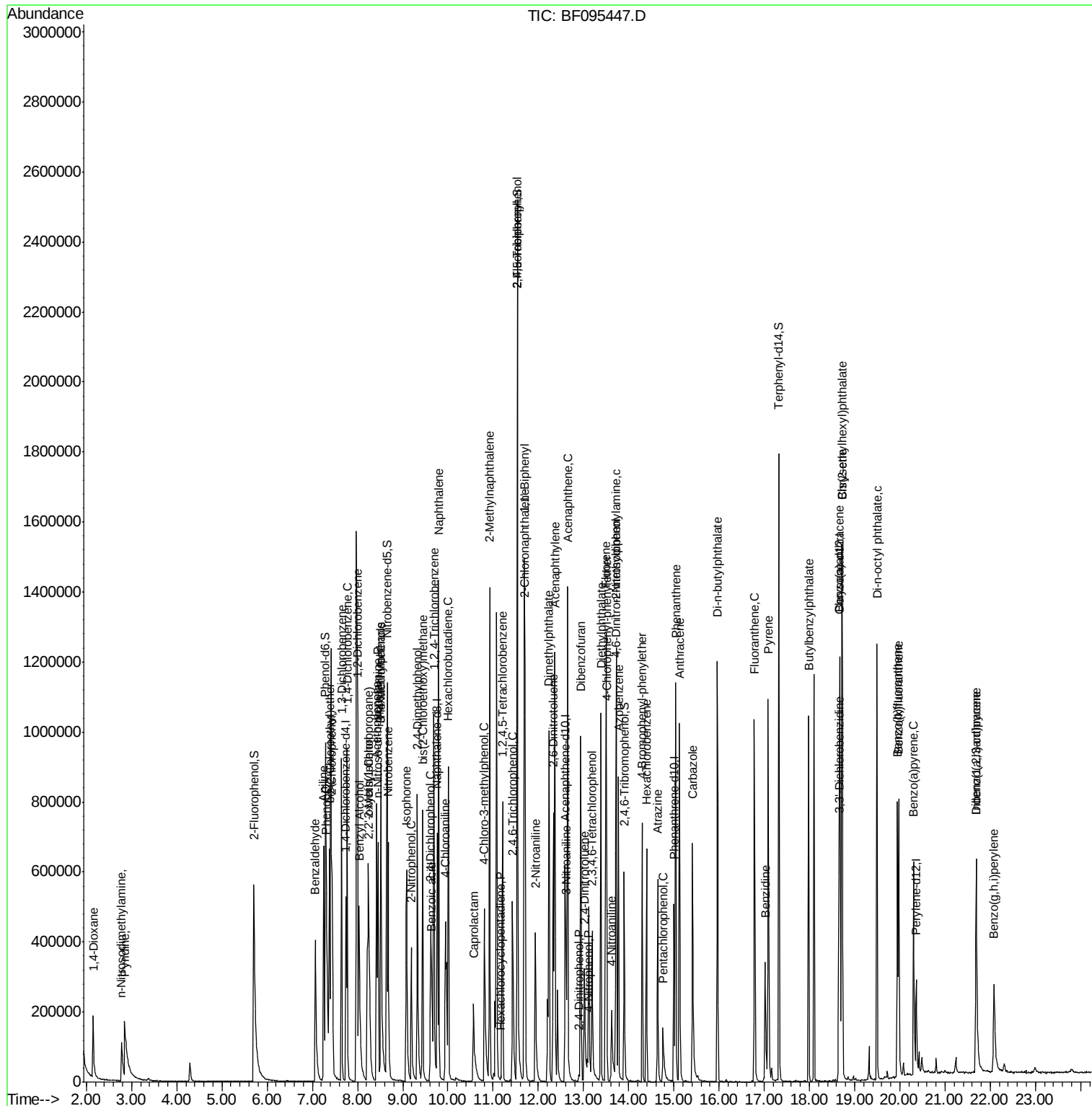
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Misc :
ALS Vial : 2 Sample Multiplier: 1

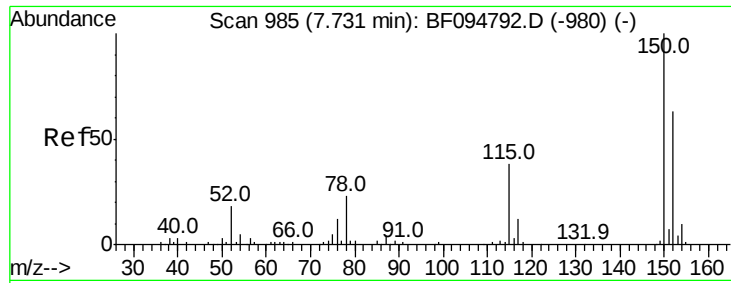
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#1

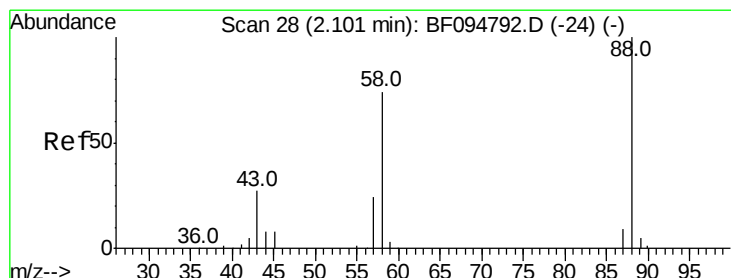
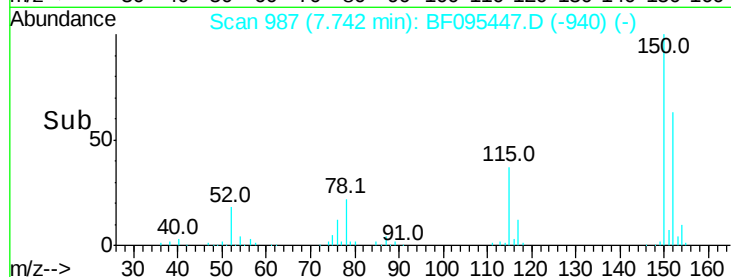
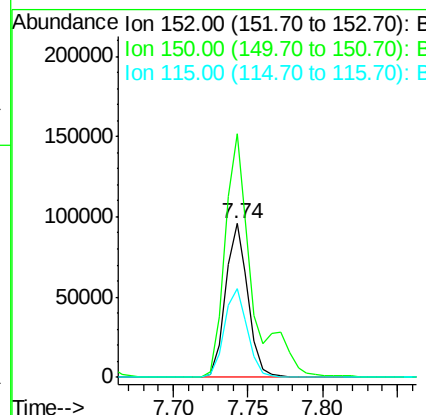
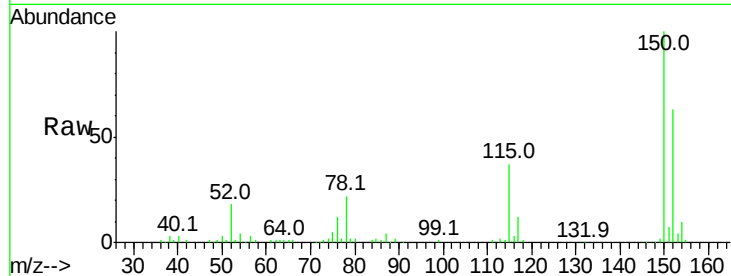
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	58.0	52.2	78.2

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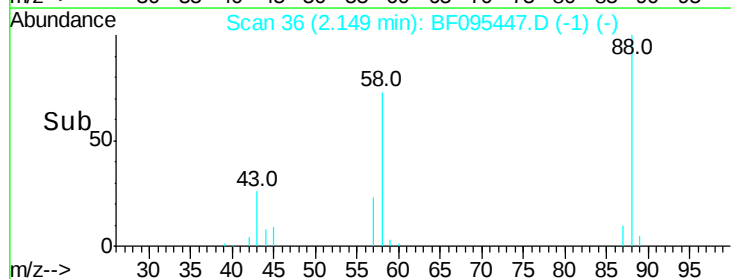
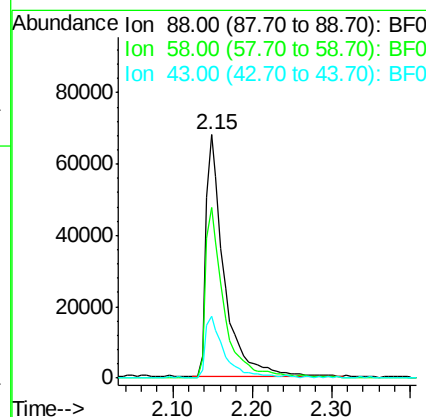
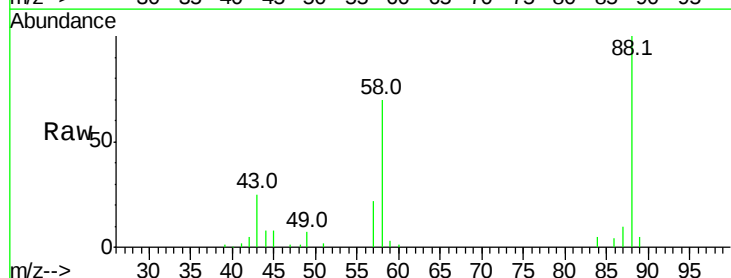
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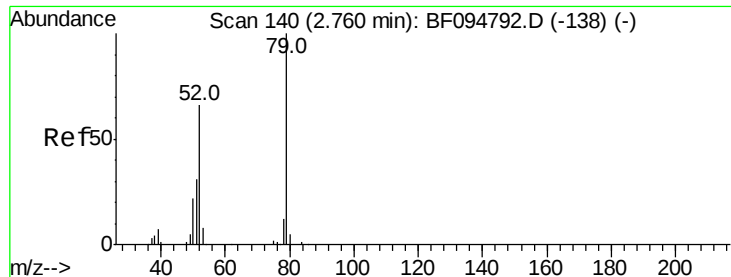


#2

1,4-Dioxane
Concen: 36.73 ng
RT: 2.15 min Scan# 36
Delta R.T. -0.08 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	61.4	92.0
43	26.7	23.4	35.0





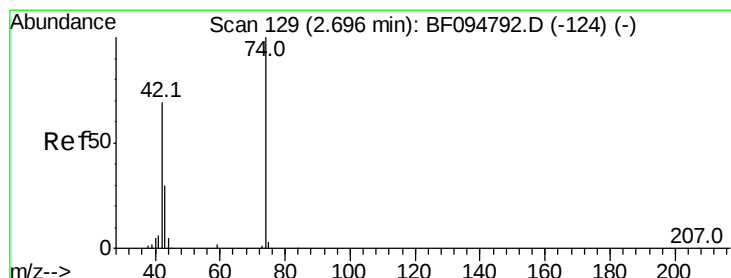
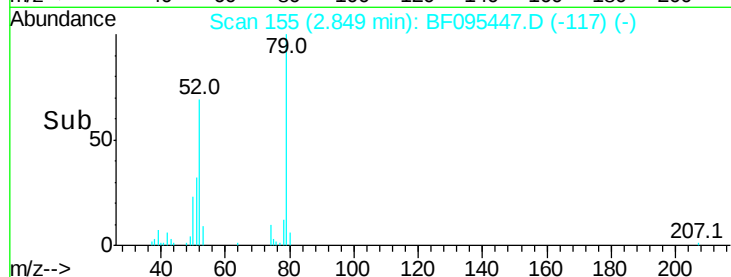
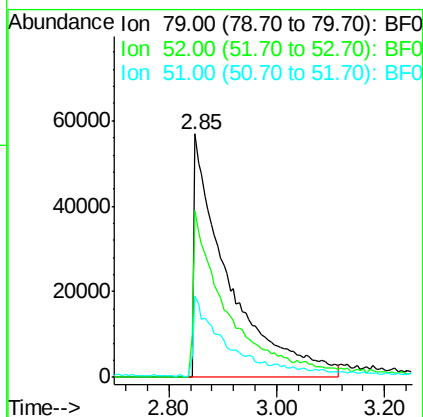
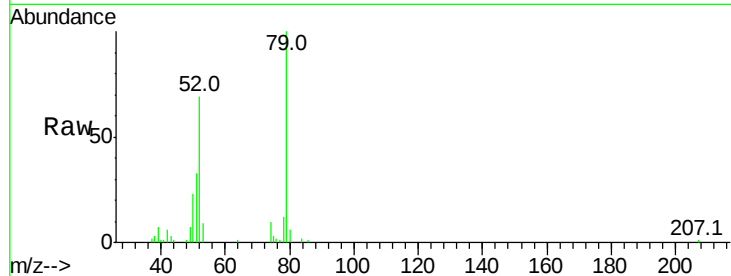
#3
 Pvridine
 Concen: 36.13 ng
 RT: 2.85 min Scan# 155
 Delta R.T. -0.08 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.8	82.2
51	33.3	27.0	40.4

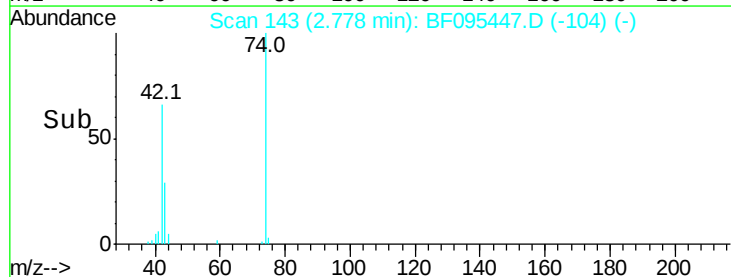
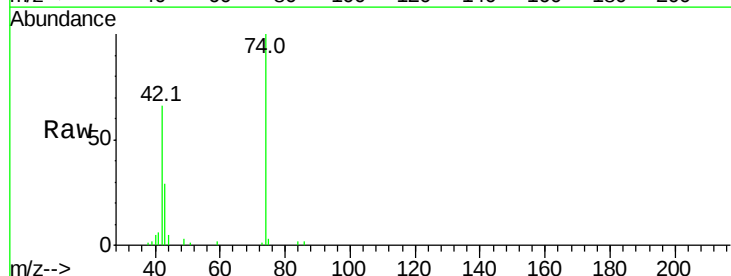
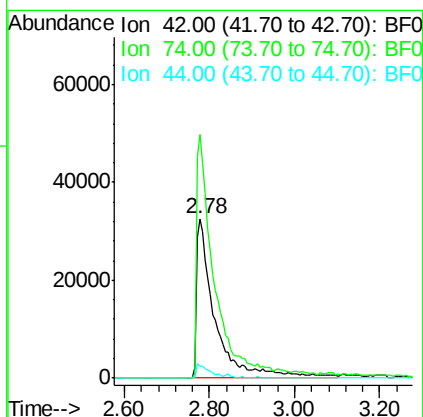
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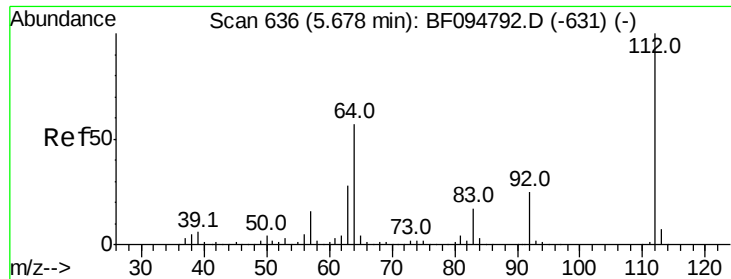
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#4
 n-Nitrosodimethylamine
 Concen: 33.53 ng m
 RT: 2.78 min Scan# 143
 Delta R.T. -0.07 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.5	103.9	155.9
44	7.8	5.7	8.5





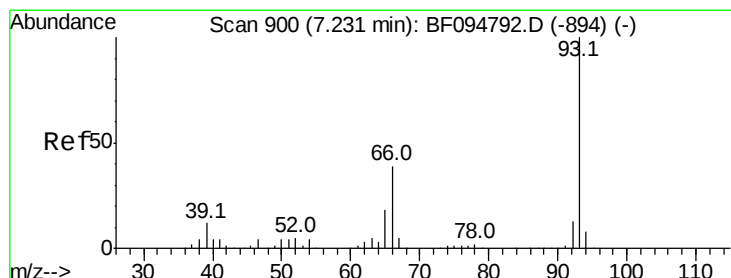
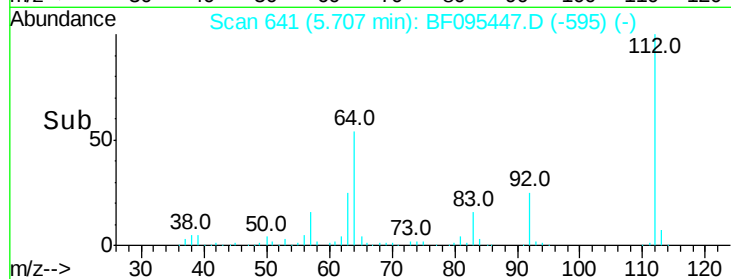
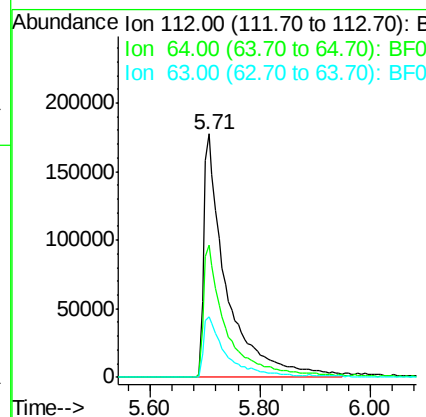
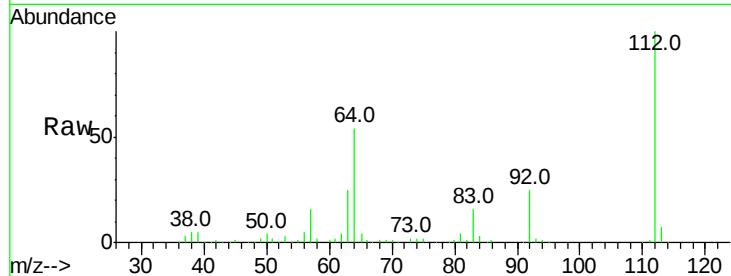
#5
2-Fluorophenol
Concen: 83.07 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.4	46.0	69.0
63	25.1	23.4	35.0

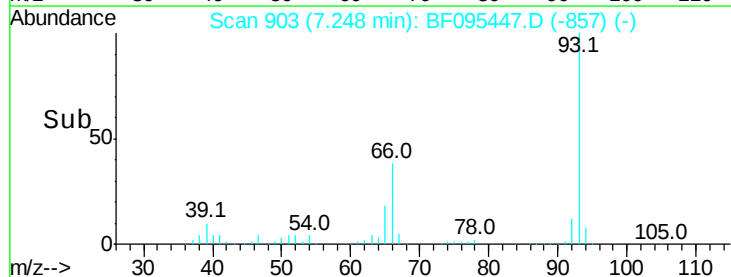
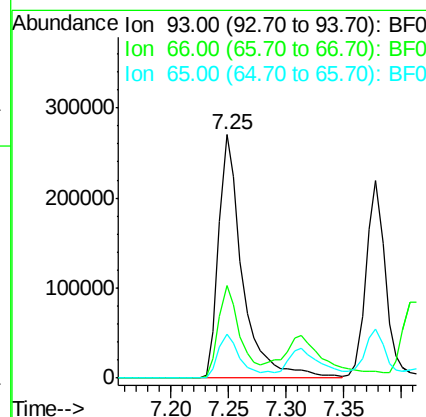
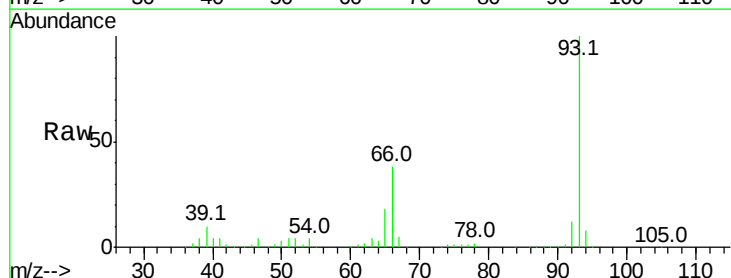
Manual Integrations
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#6
Aniline
Concen: 41.81 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.8	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 80.37 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

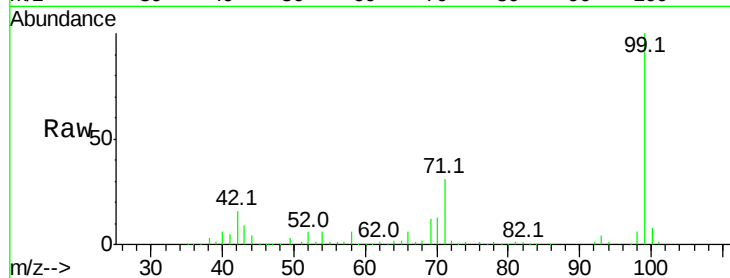
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SSTDCCC040

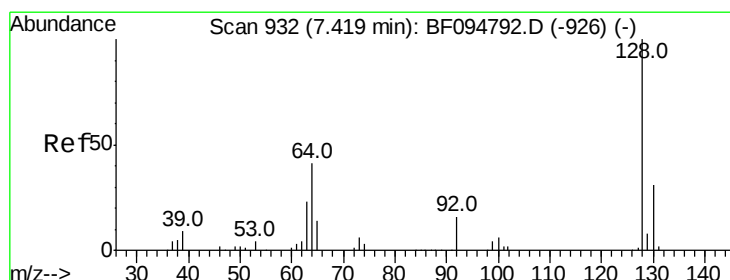
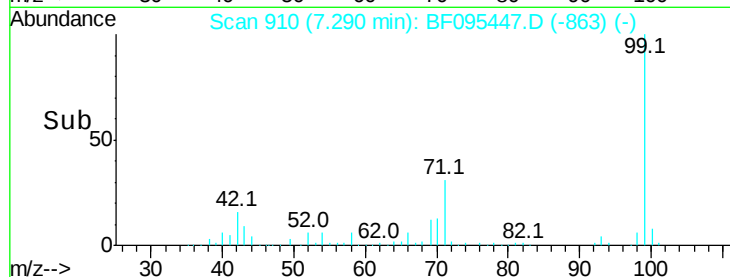
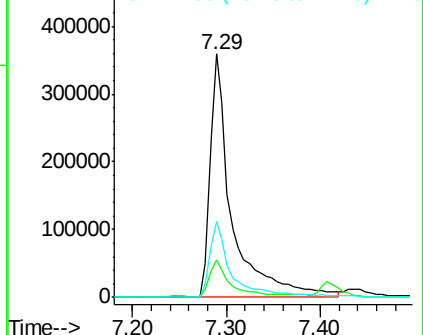
Tot Ion:	99	Resp:	587353
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.3	24.5	36.7

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



#8

2-Chlorophenol

Concen: 40.33 ng

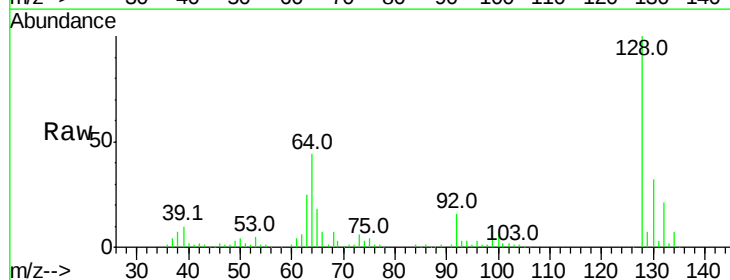
RT: 7.44 min Scan# 935

Delta R.T. -0.02 min

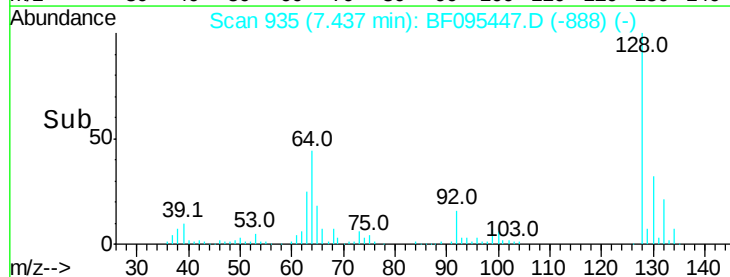
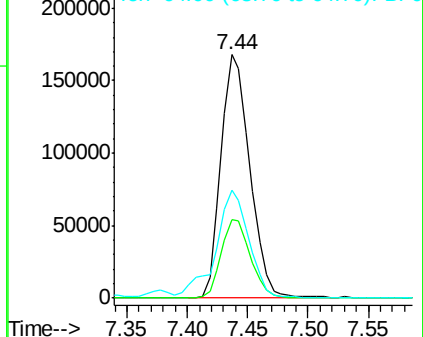
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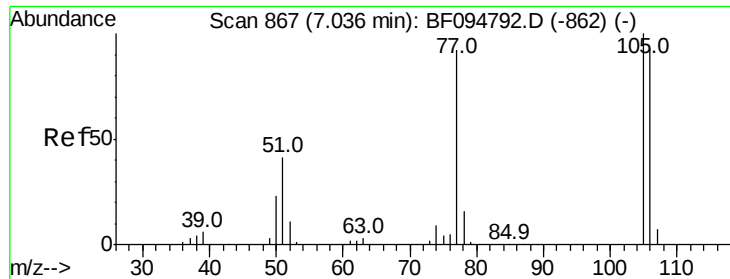
Acq: 26 May 2017 5:33

Tgt Ion:	128	Resp:	279606
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	44.2	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





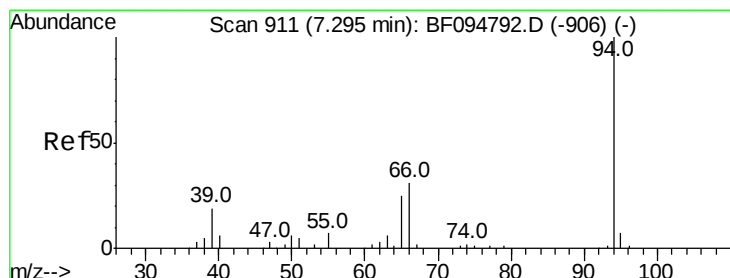
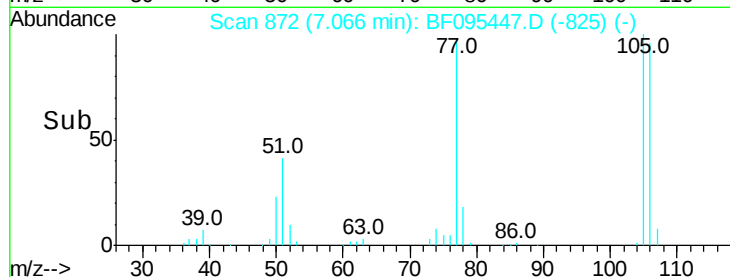
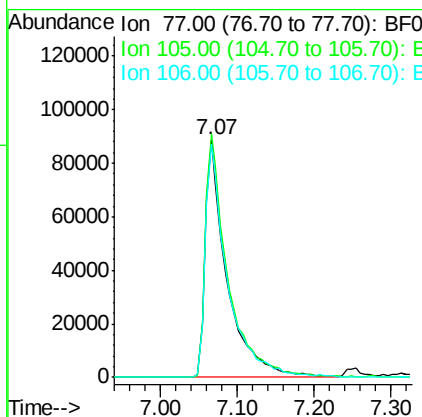
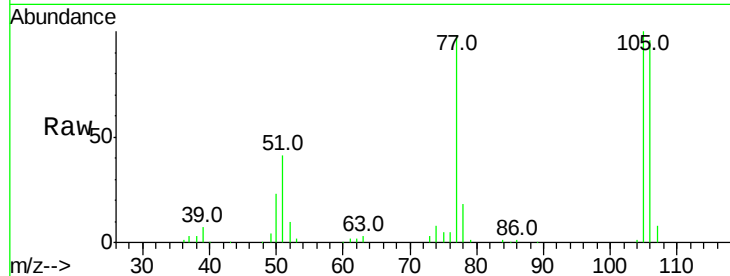
#9
Benzaldehyde
Concen: 38.66 ng
RT: 7.07 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF095447.D
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Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.5	83.8	123.8
106	98.1	79.1	119.1

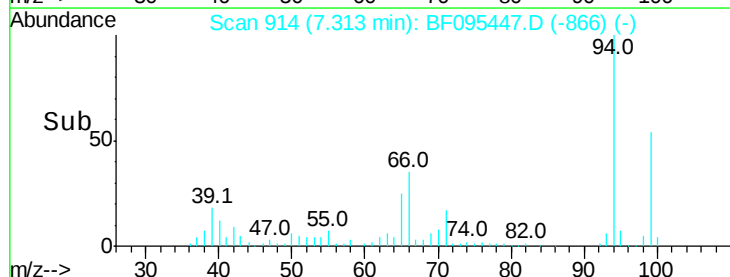
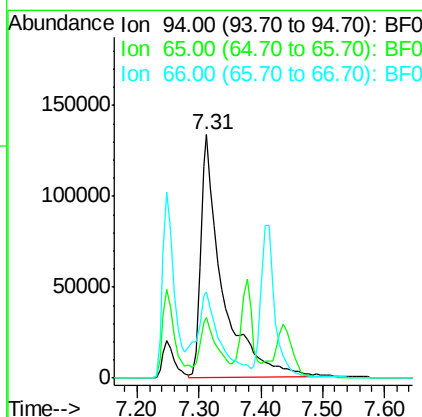
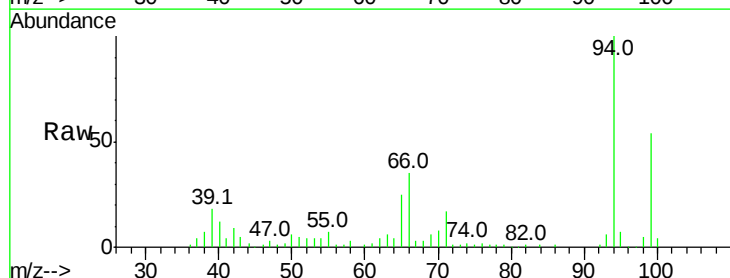
Manual Integrations
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#10
Phenol
Concen: 42.61 ng
RT: 7.31 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	35.3	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

RT: 7.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

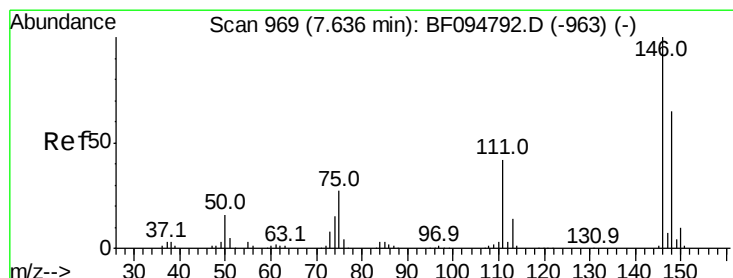
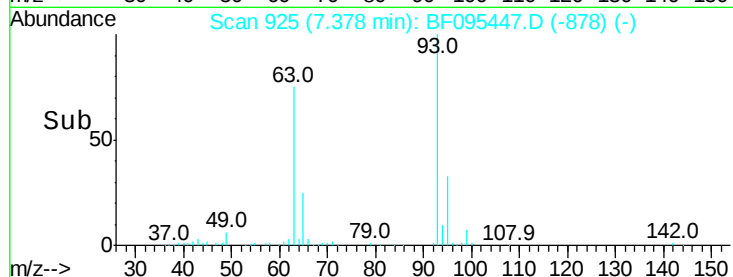
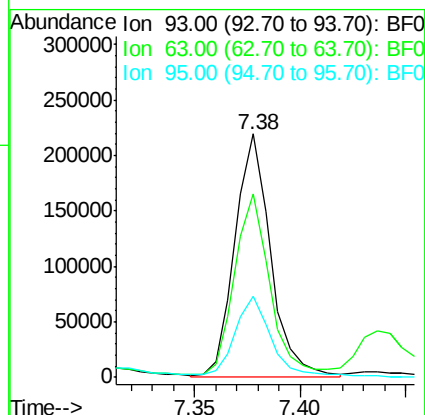
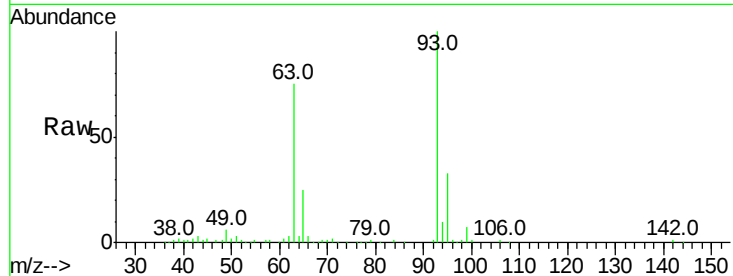
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	257369
Ion Ratio	Lower	Upper	
93	100		
63	75.4	59.2	99.2
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.22 ng

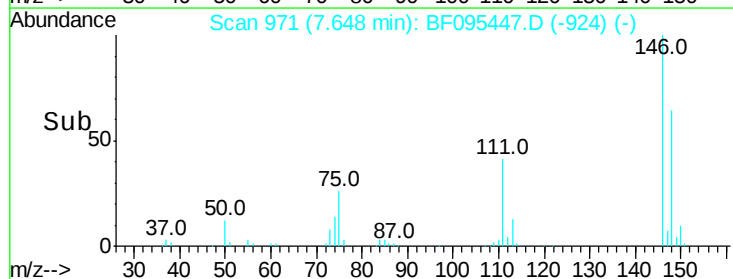
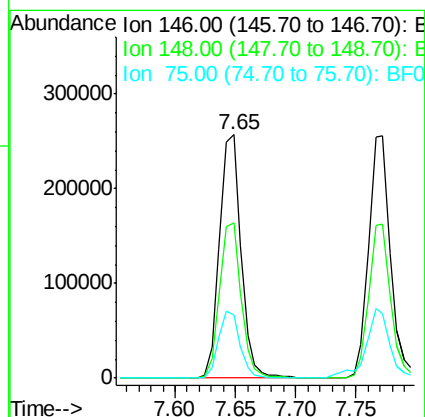
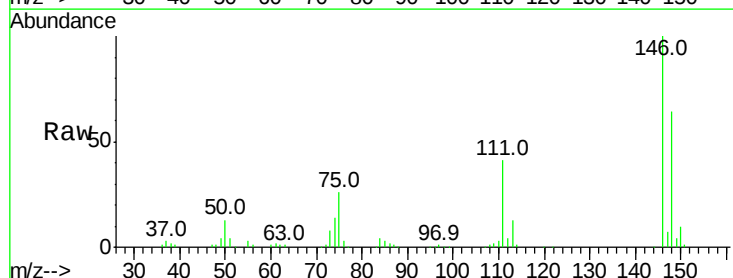
RT: 7.65 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	146	Resp:	316307
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	25.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.59 ng

RT: 7.77 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

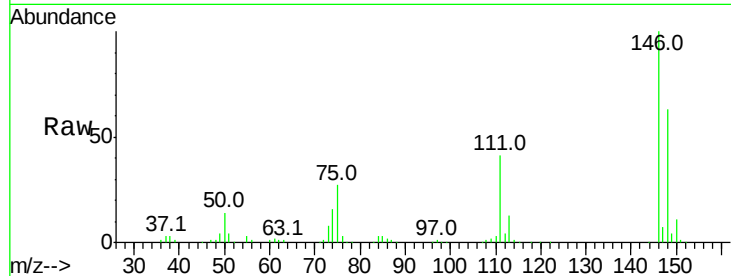
ClientSampleId :

SSTDCCC040

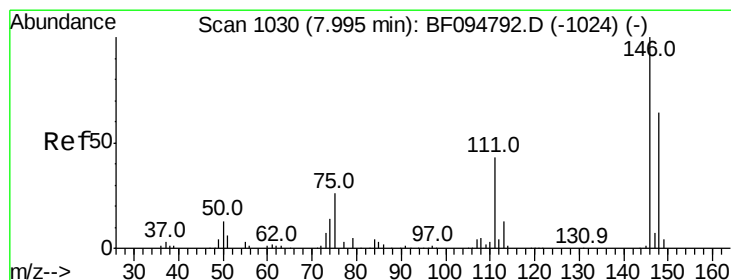
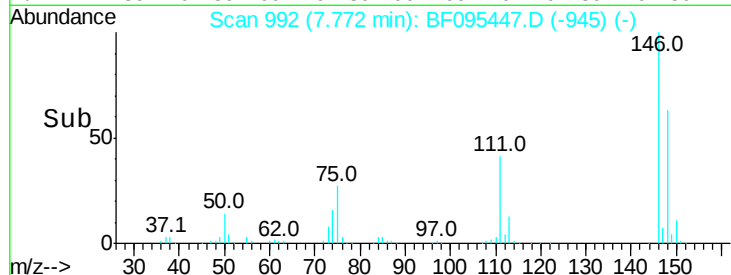
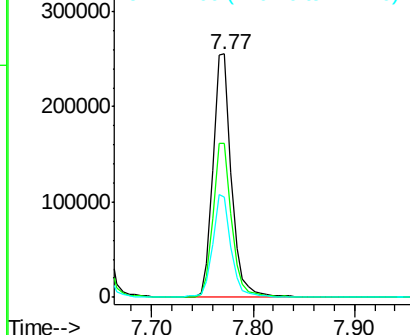
Tot Ion:	146	Resp:	323705
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.2
111	41.0	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 41.55 ng

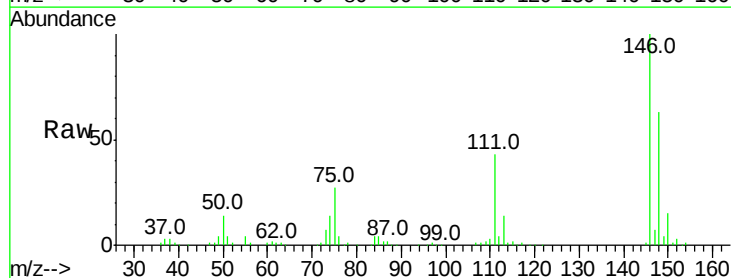
RT: 8.00 min Scan# 1031

Delta R.T. -0.03 min

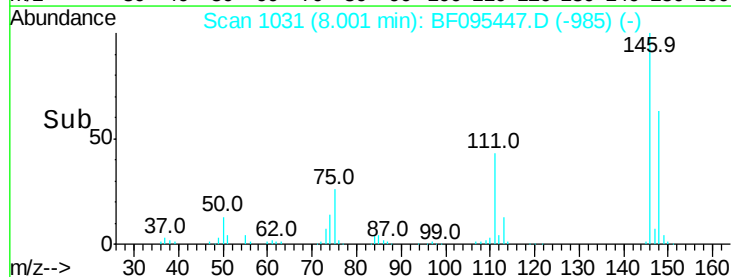
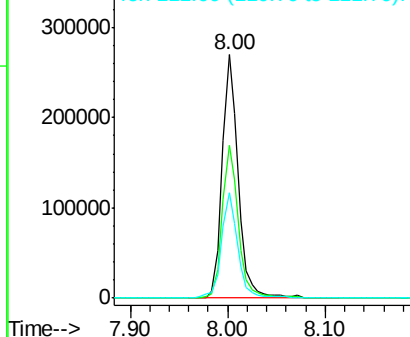
Lab File: BF095447.D

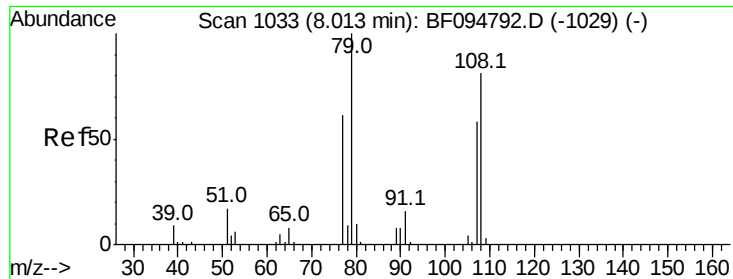
Acq: 26 May 2017 5:33

Tgt Ion:	146	Resp:	309271
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.4	75.6
111	43.5	38.2	57.4



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





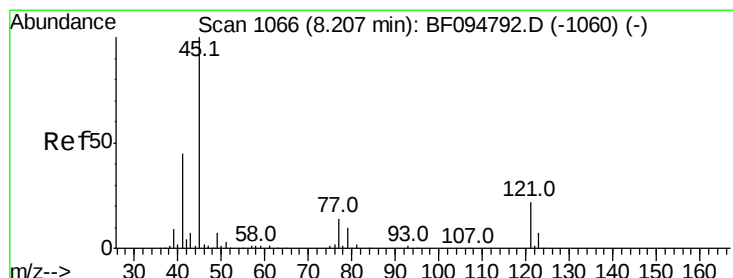
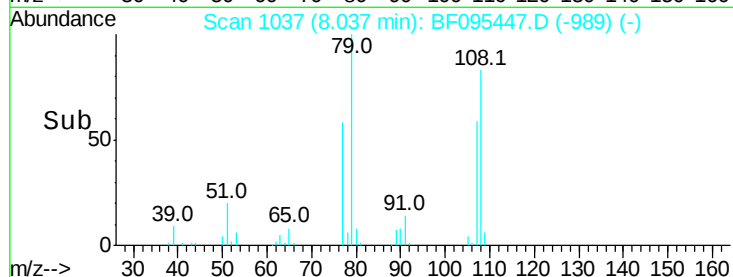
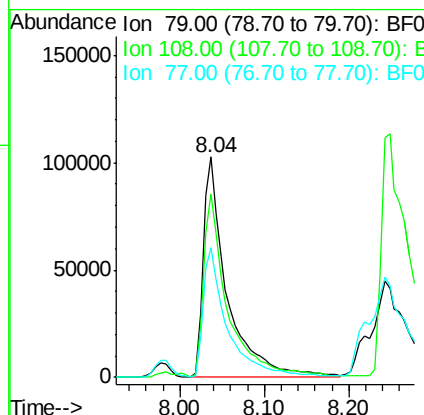
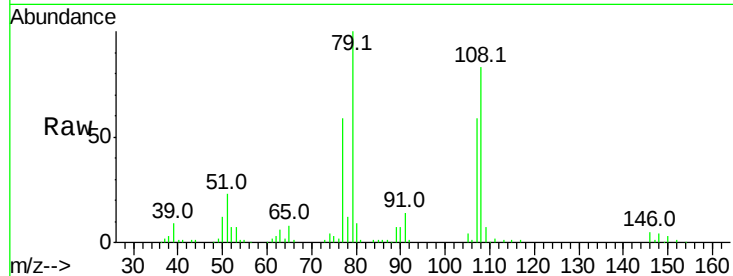
#15
Benzyl Alcohol
Concen: 42.71 ng
RT: 8.04 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	63.4	95.0
77	58.7	49.2	73.8

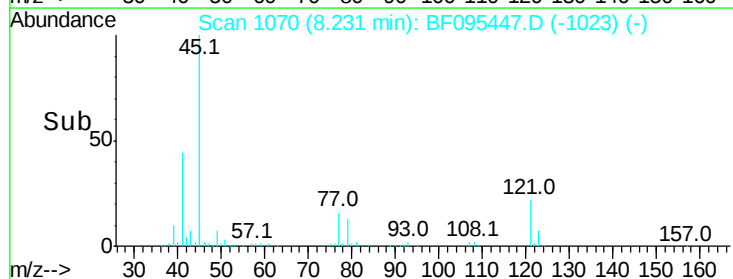
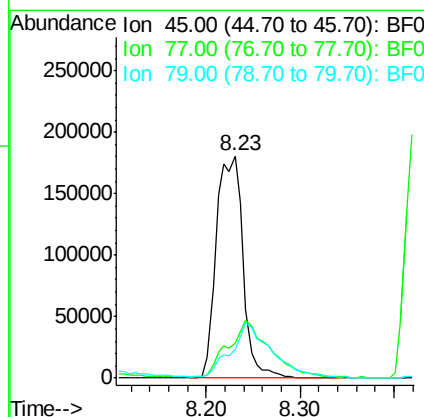
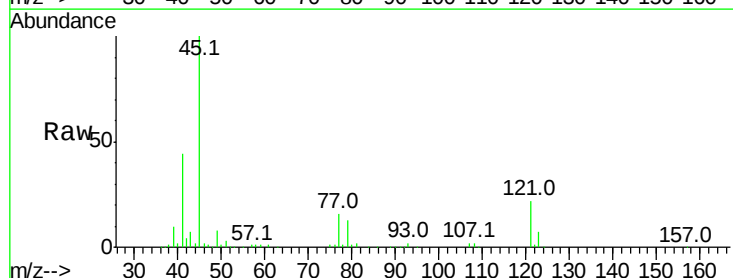
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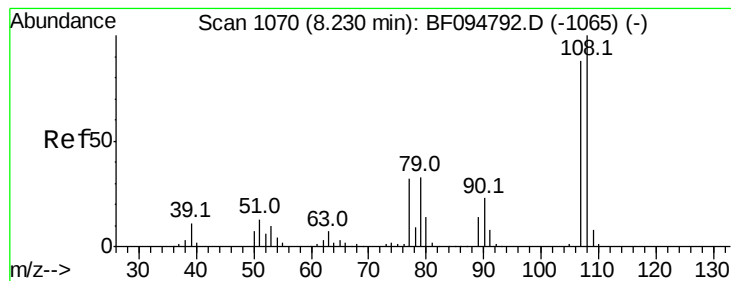
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.07 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	33.2
79	13.1	0.0	30.0





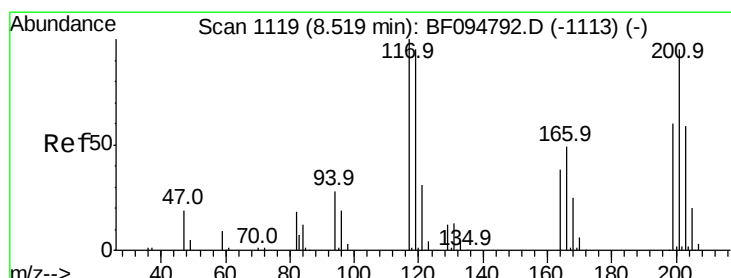
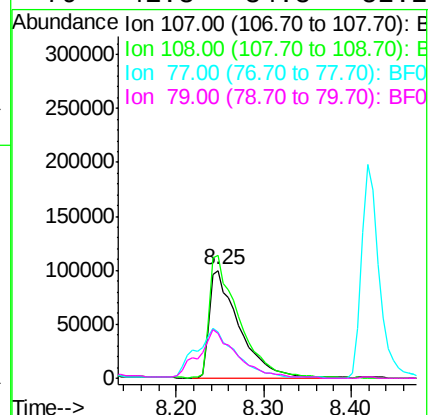
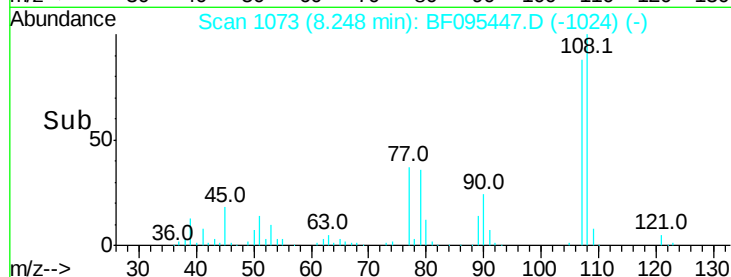
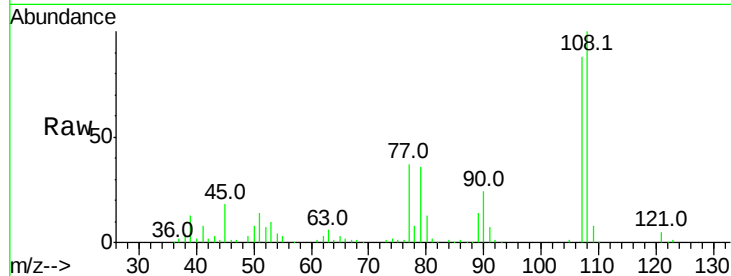
#17
 2-Methylphenol
 Concen: 41.84 ng
 RT: 8.25 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.7	93.4	140.0	
77	77	42.4	35.8	53.6	
79	79	41.3	34.8	52.2	

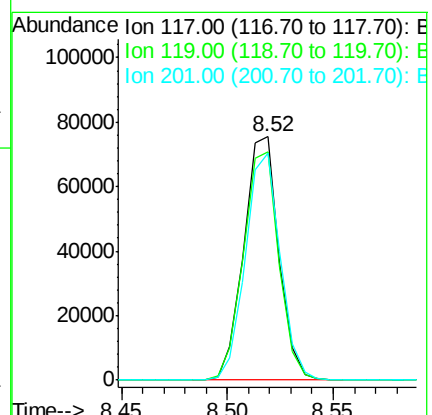
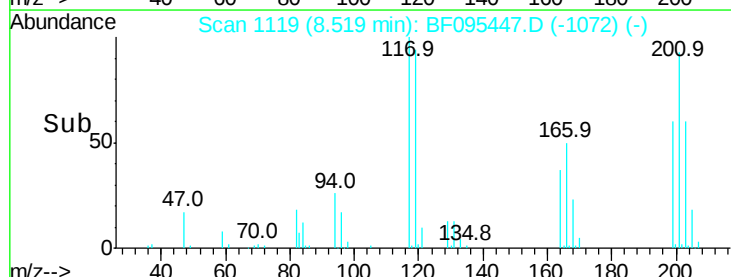
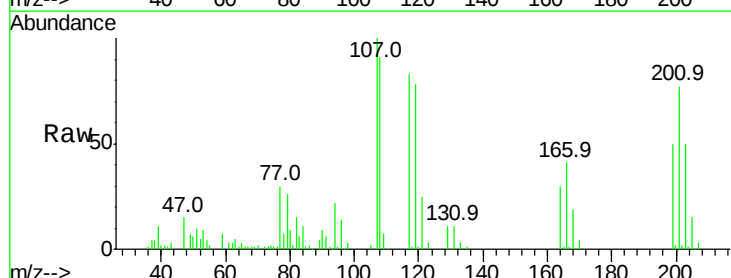
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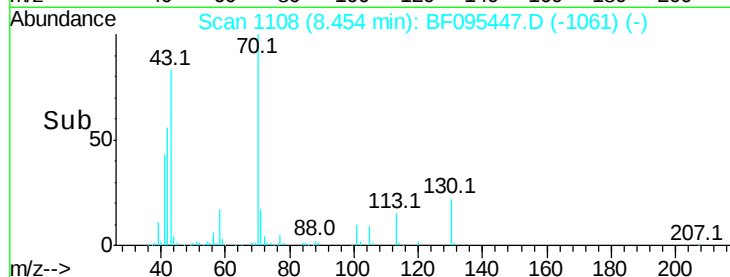
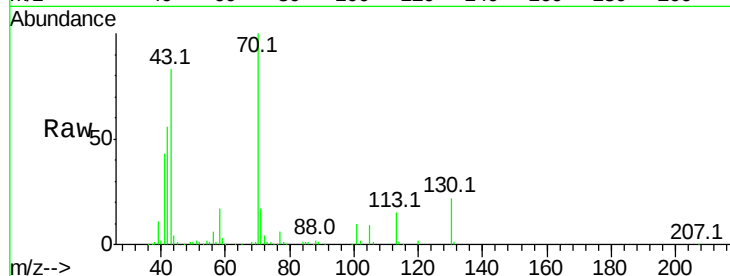
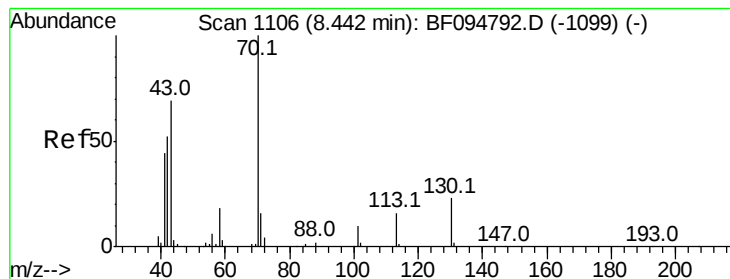
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#18
 Hexachloroethane
 Concen: 32.19 ng
 RT: 8.52 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.7	77.4	116.0	
201	201	93.3	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 40.59 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 200625

Ion Ratio Lower Upper

70 100

42 55.8 47.2 70.8

101 9.7 7.2 10.8

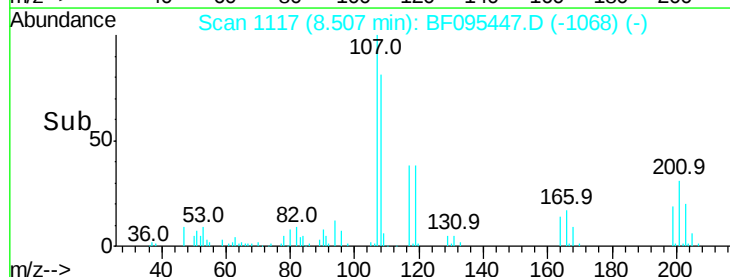
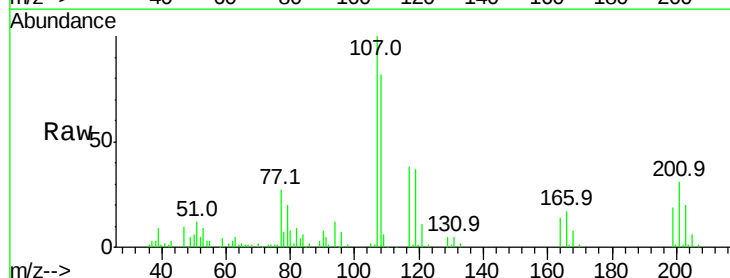
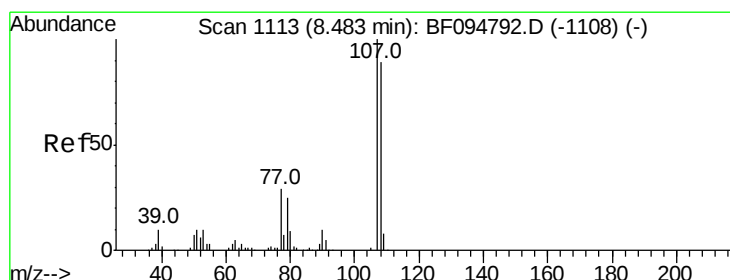
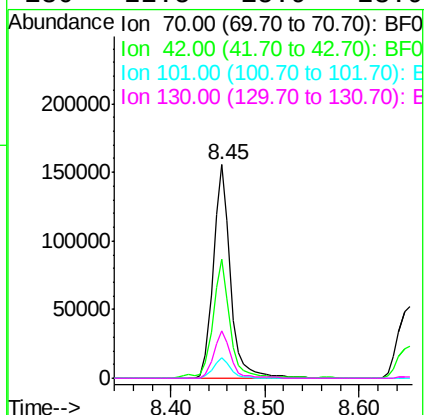
130 22.5 15.9 23.9

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#20

3+4-Methylphenols

Concen: 40.17 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion: 107 Resp: 309685

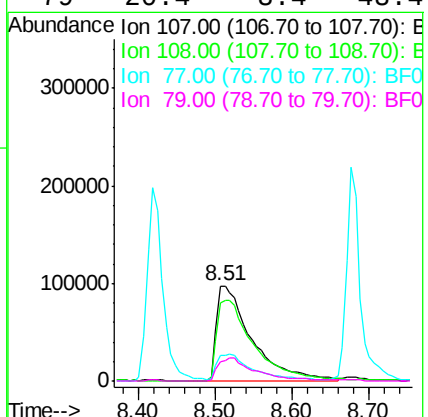
Ion Ratio Lower Upper

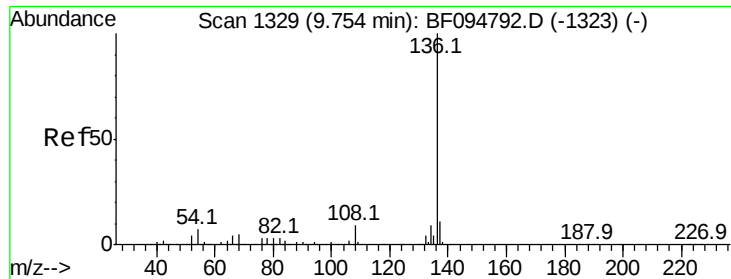
107 100

108 82.0 71.0 111.0

77 27.1 90.5 130.5#

79 20.4 8.4 48.4





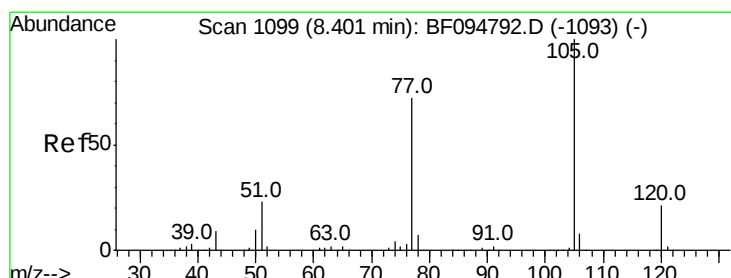
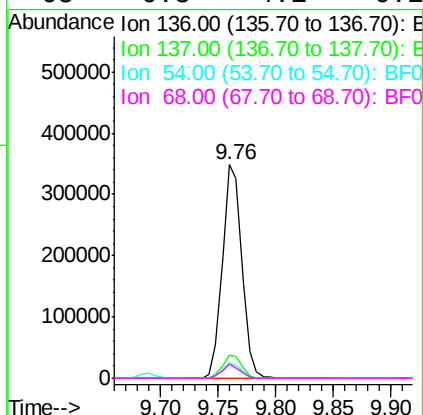
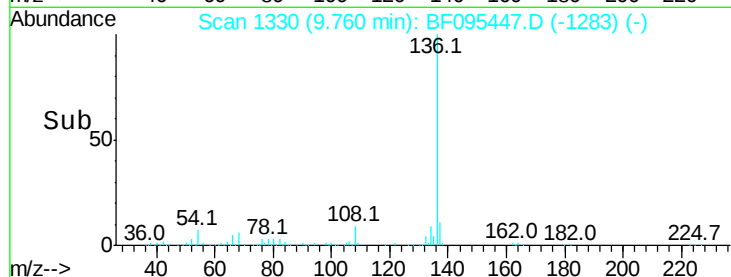
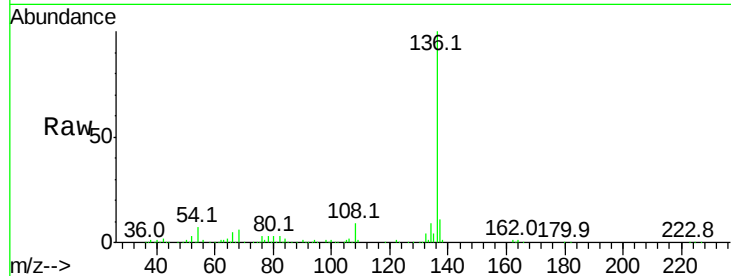
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.0	4.9	7.3	
68	6.3	4.1	6.1#	

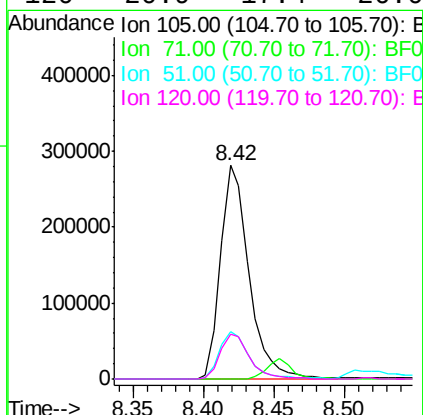
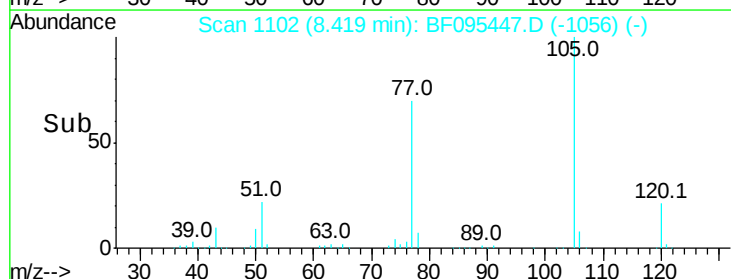
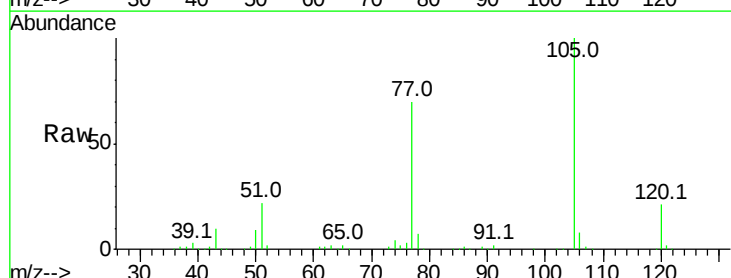
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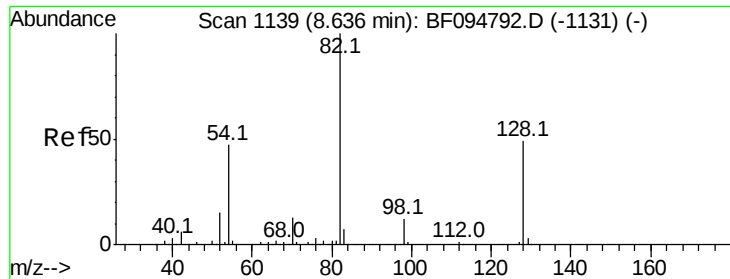
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#22
Acetophenone
Concen: 40.90 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.03 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.2	30.7	46.1#	
120	20.9	17.4	26.0	





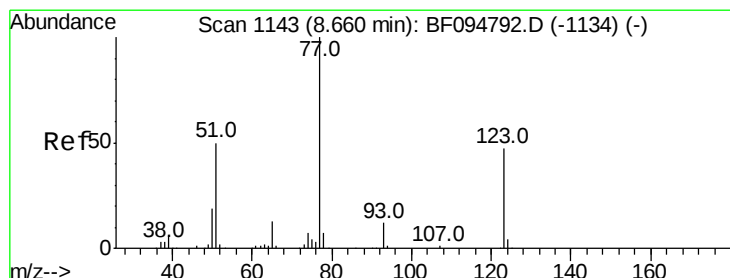
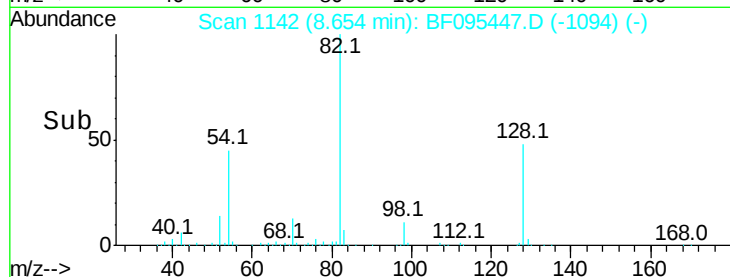
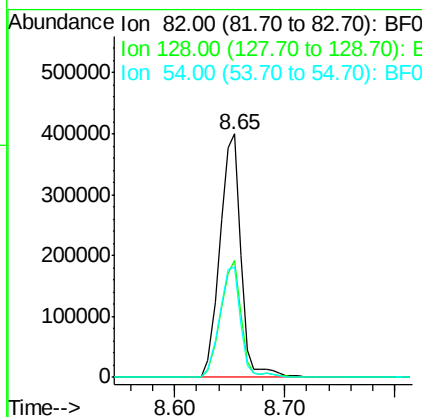
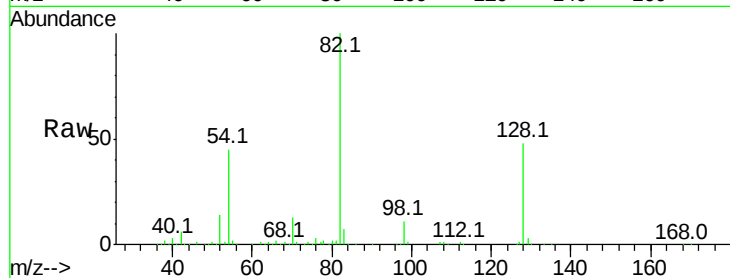
#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	531034
Ion Ratio	100	Lower	Upper
128	48.0	34.0	51.0
54	45.2	42.2	63.2

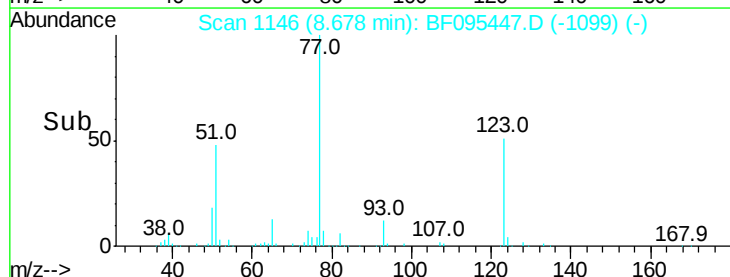
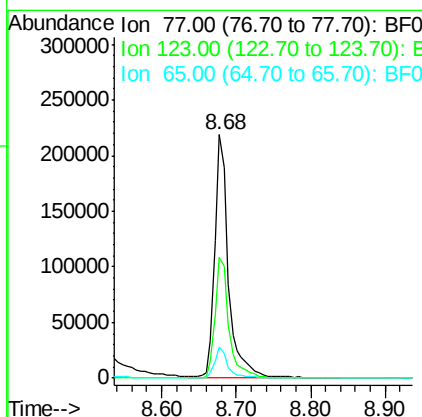
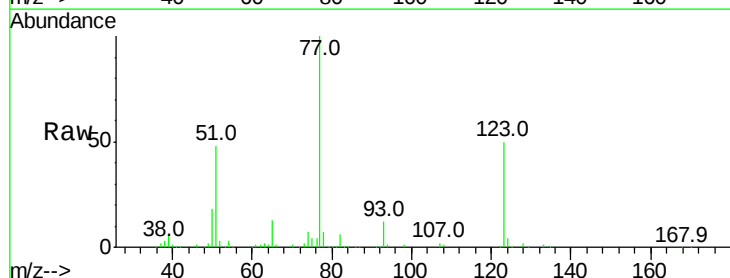
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#24
 Nitrobenzene
 Concen: 41.02 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	77	Resp	276562
Ion Ratio	100	Lower	Upper
123	49.7	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 41.69 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

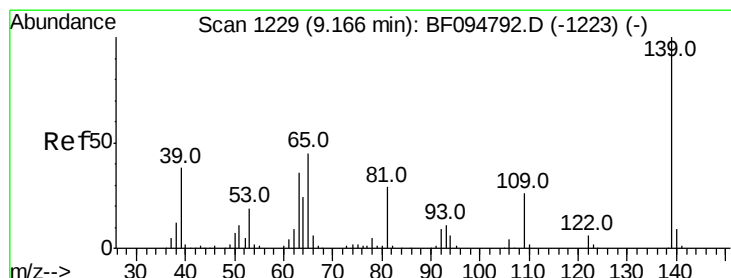
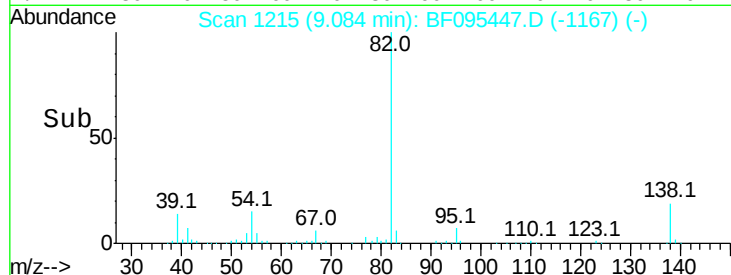
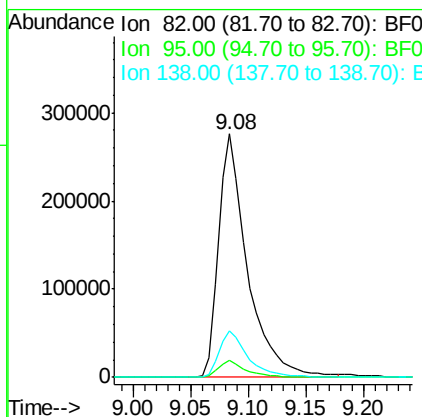
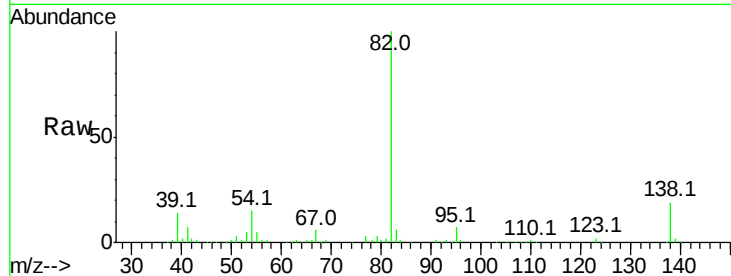
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	478886
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	19.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 37.68 ng

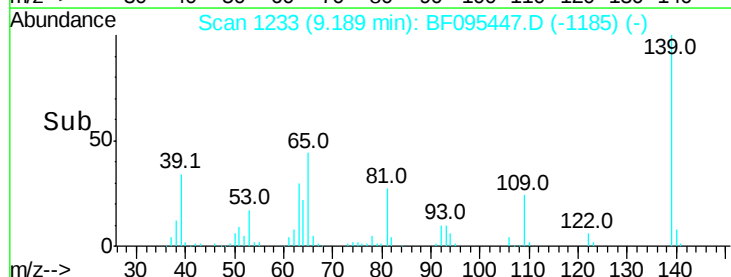
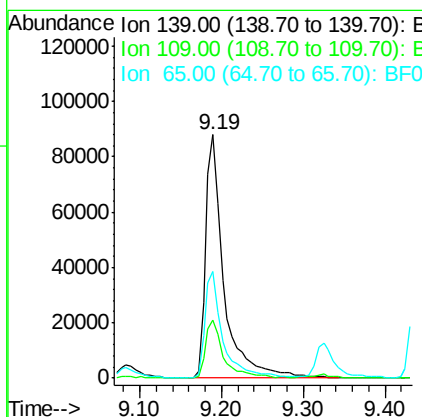
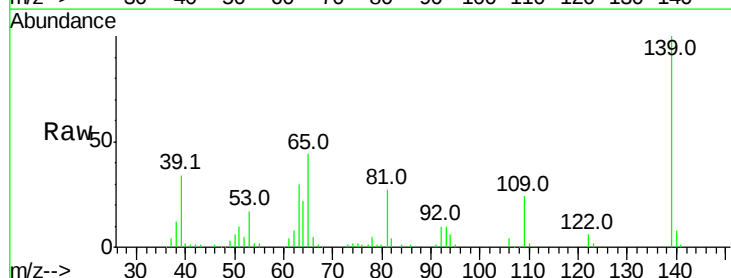
RT: 9.19 min Scan# 1233

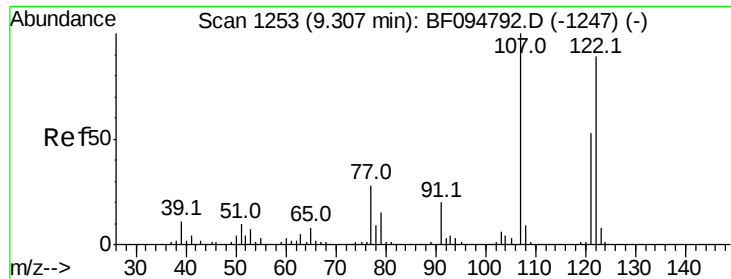
Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	139	Resp:	137077
Ion Ratio	Lower	Upper	
139	100		
109	23.9	21.0	31.6
65	43.6	33.0	49.6





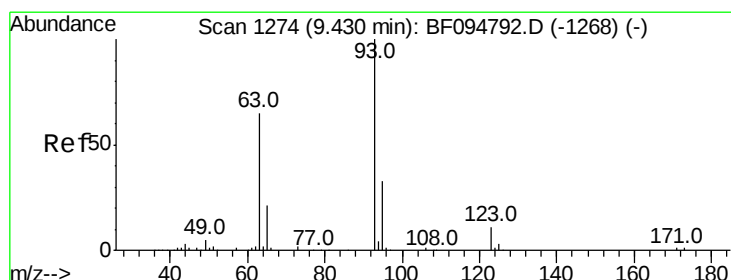
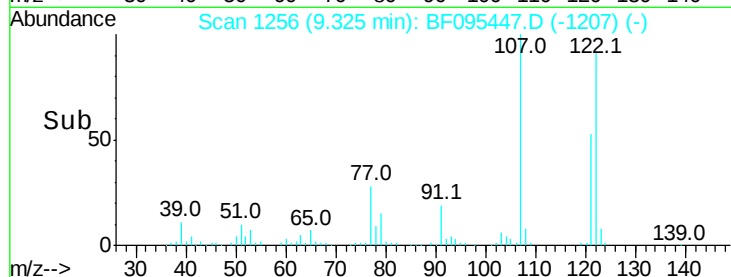
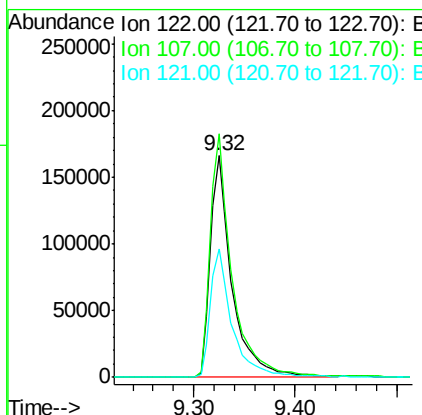
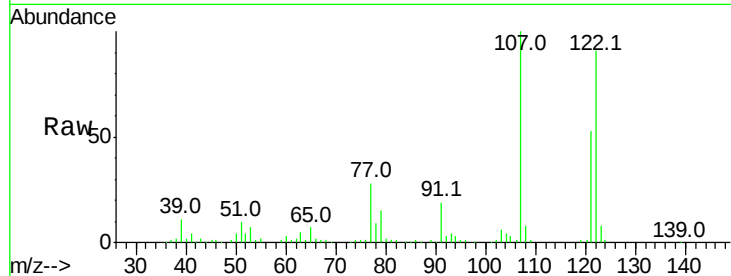
#27
 2,4-Dimethylphenol
 Concen: 42.01 ng
 RT: 9.32 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	247109		
107	110.0		89.2	133.8
121	57.9		45.2	67.8

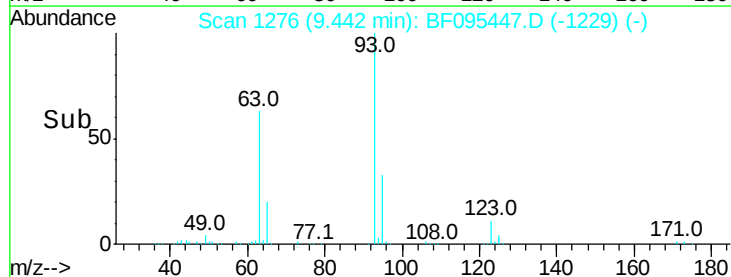
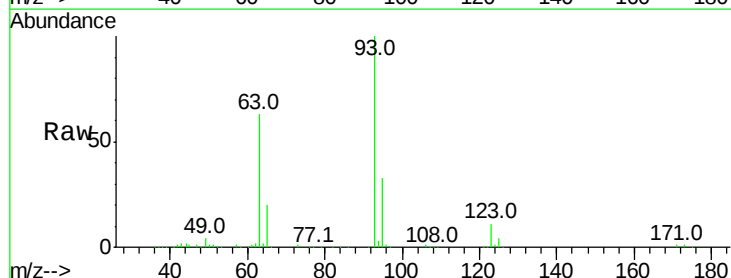
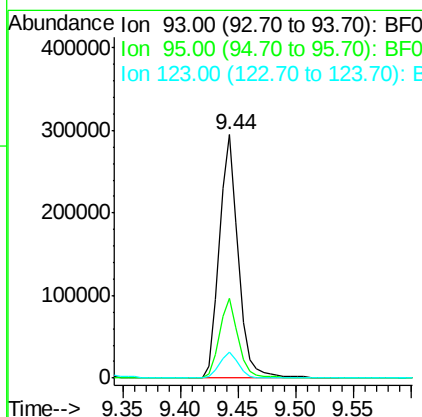
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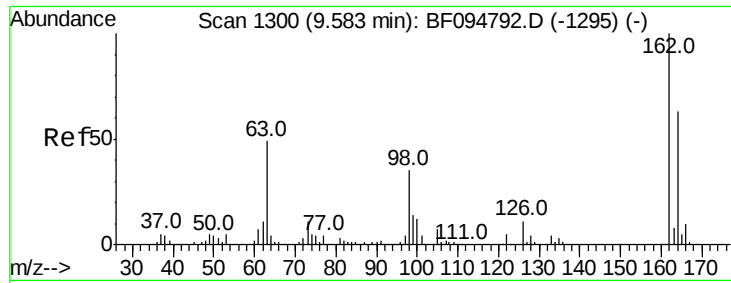
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.33 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	336382		
95	32.6		26.5	39.7
123	10.9		9.0	13.4





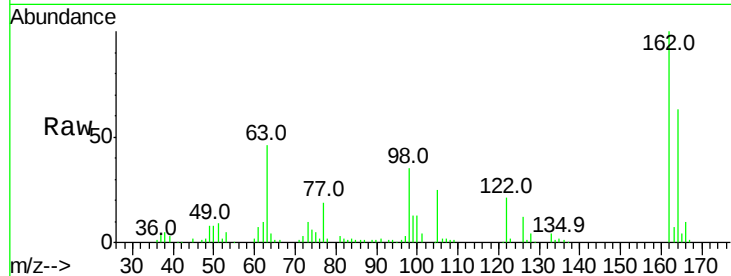
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

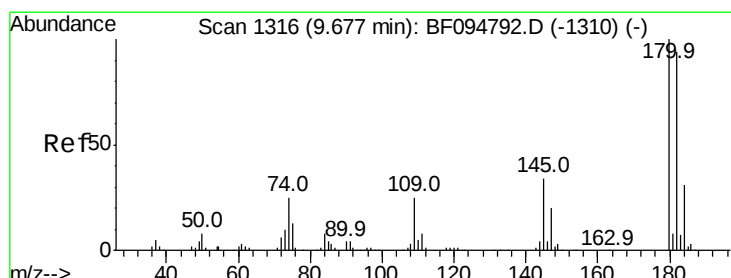
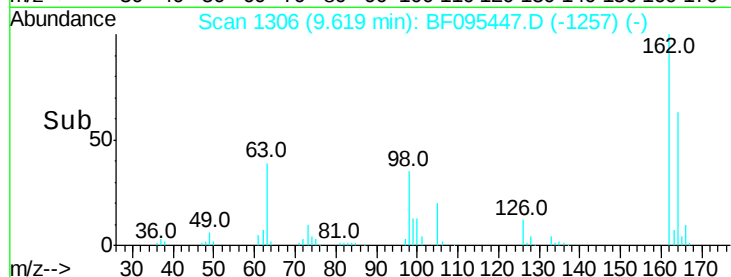
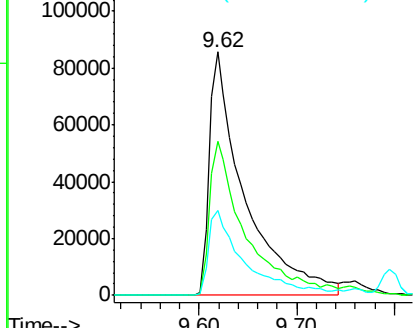
Tot Ion	Ratio	Resp	Lower	Upper
162	100	215546		
164	63.1	44.6	84.6	
98	34.9	14.8	54.8	

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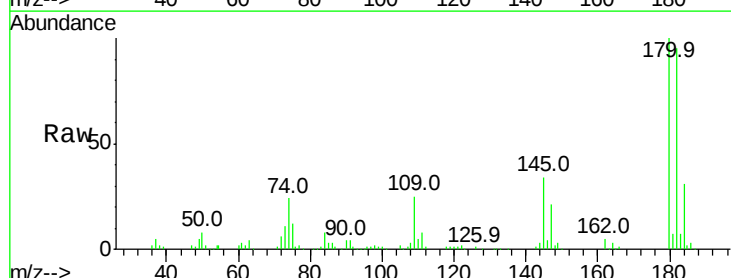


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

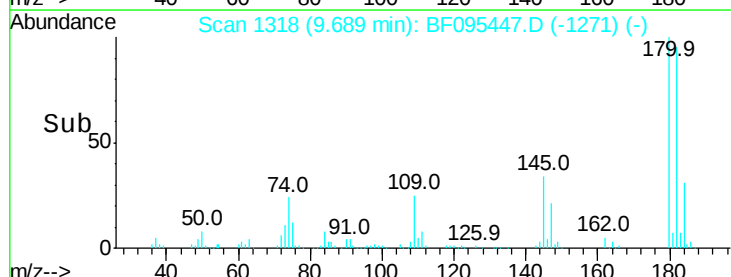
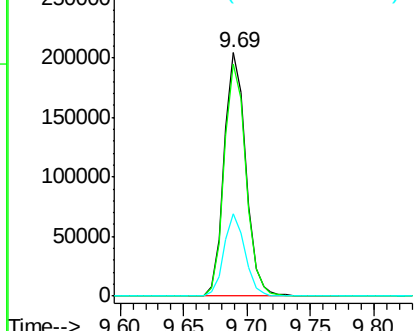


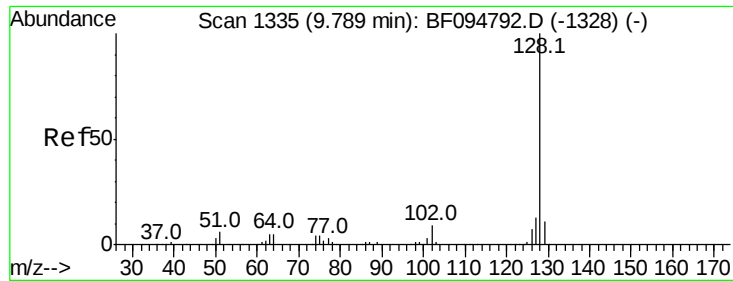
#30
 1,2,4-Trichlorobenzene
 Concen: 40.71 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	242223		
182	95.3	75.8	113.6	
145	33.8	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





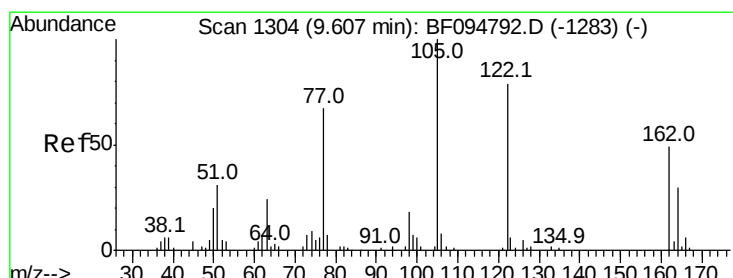
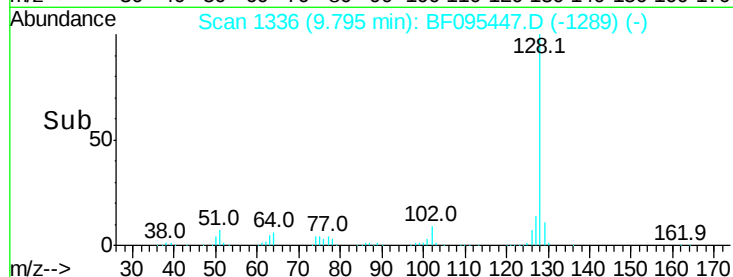
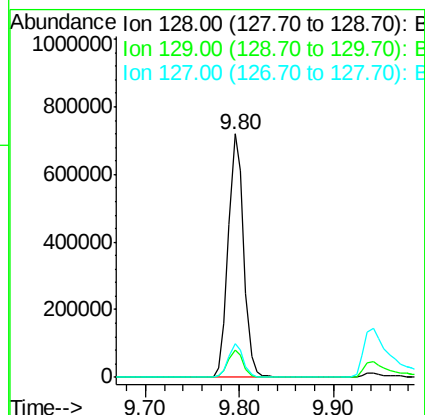
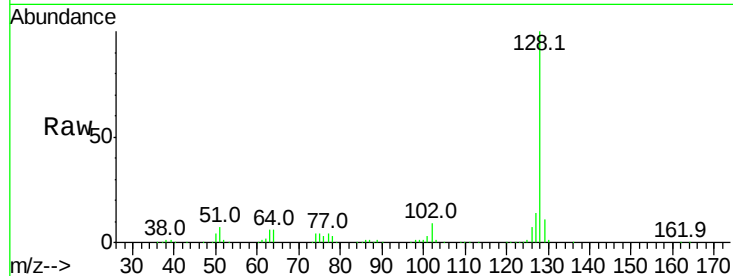
#31
Naphthalene
Concen: 40.26 ng
RT: 9.80 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128	Resp:	820793
Ion Ratio	Lower	Upper
128 100		
129 11.2	9.0	13.6
127 13.6	10.8	16.2

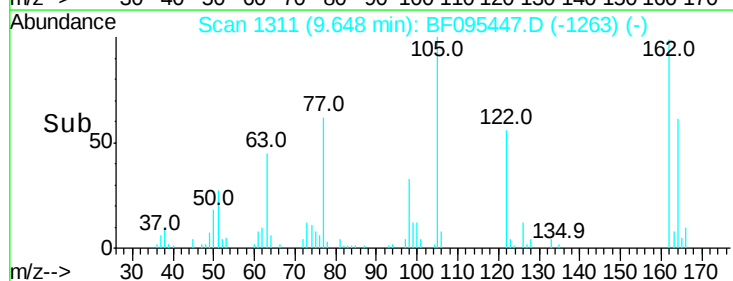
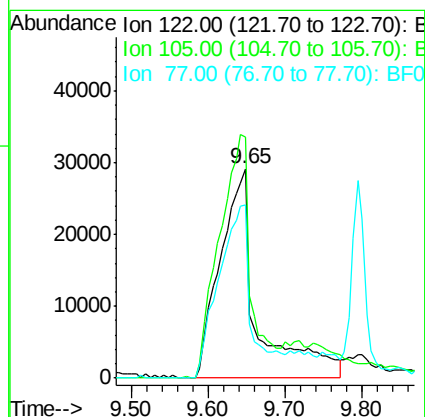
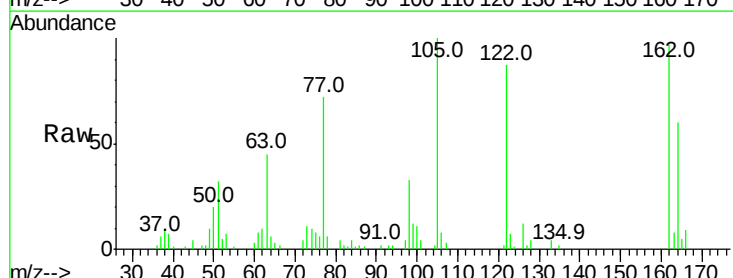
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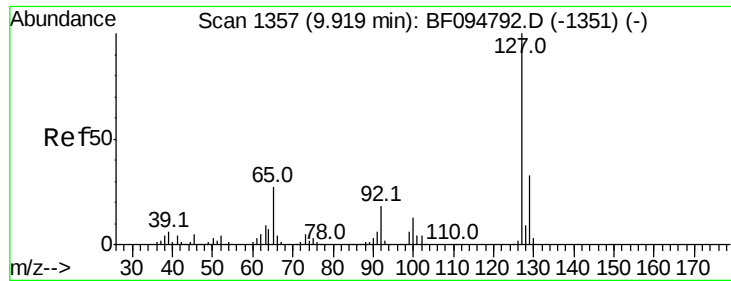
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#32
Benzoic acid
Concen: 27.83 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:122	Resp:	98272
Ion Ratio	Lower	Upper
122 100		
105 115.2	103.3	143.3
77 82.5	73.7	113.7





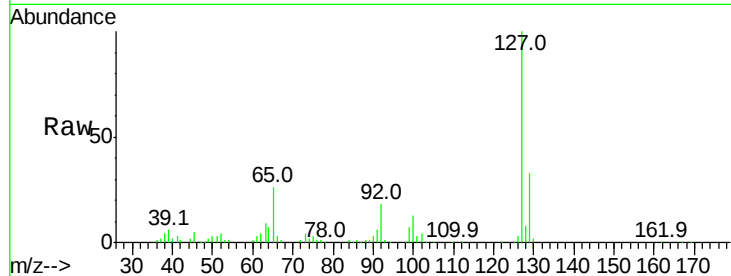
#33
4-Chloroaniline
Concen: 42.92 ng
RT: 9.94 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

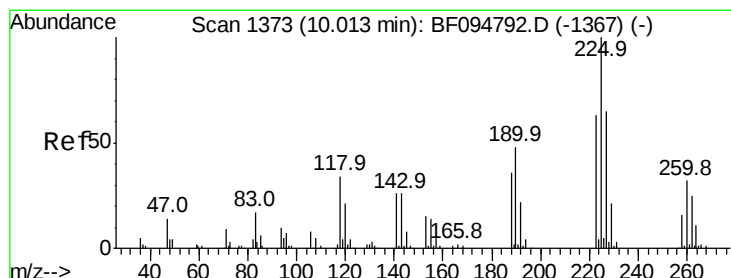
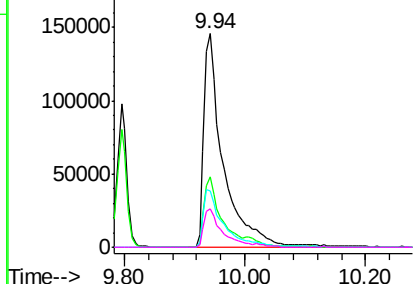
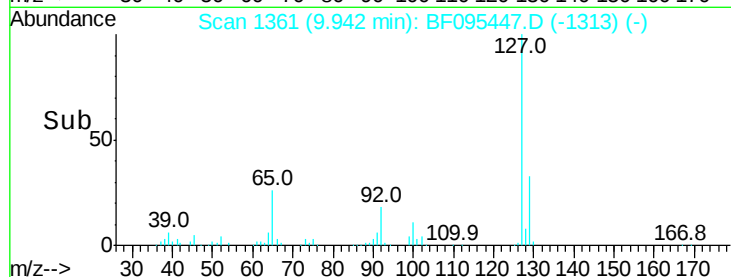
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.2		
65	26.4	27.8	41.8		
92	17.8	16.8	25.2		

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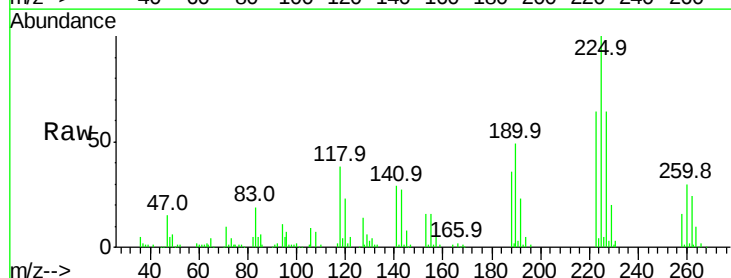


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

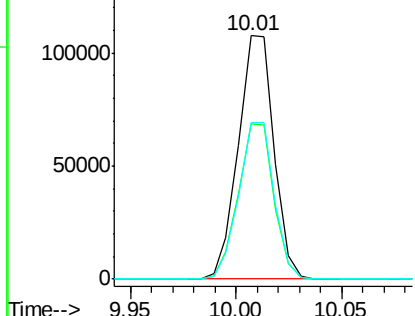
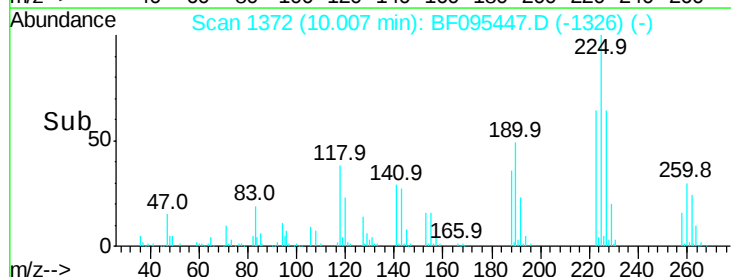


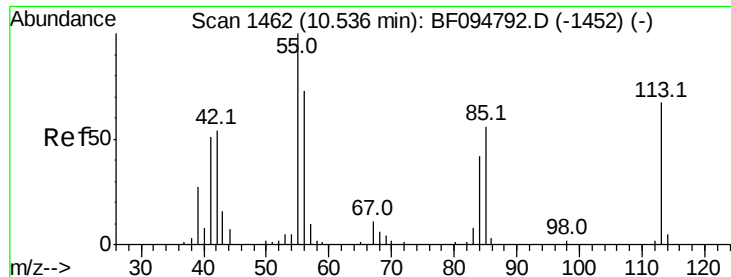
#34
Hexachlorobutadiene
Concen: 40.08 ng
RT: 10.01 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	48.8	73.2		
227	64.3	51.1	76.7		



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





#35

Caprolactam

Concen: 40.73 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 67925

Ion Ratio Lower Upper

113 100

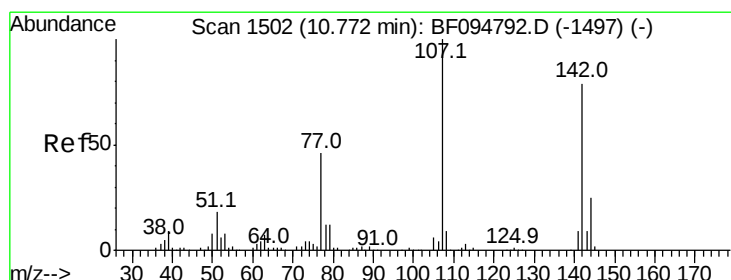
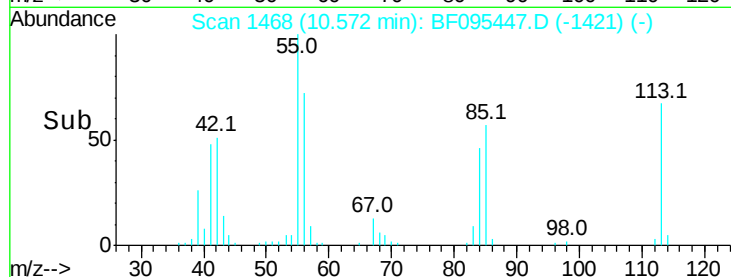
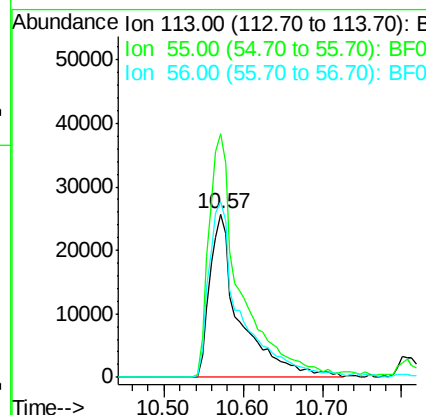
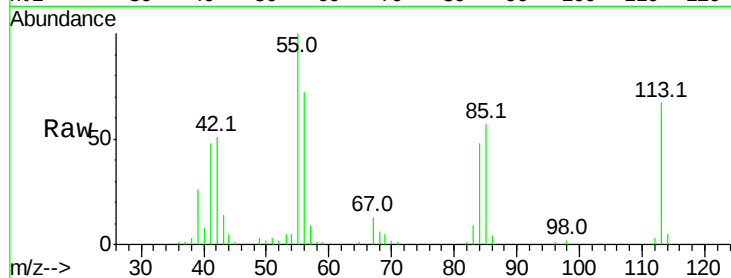
55 148.9 150.2 190.2#

56 107.8 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 40.66 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

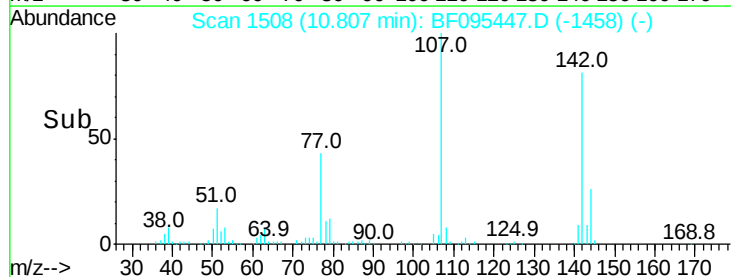
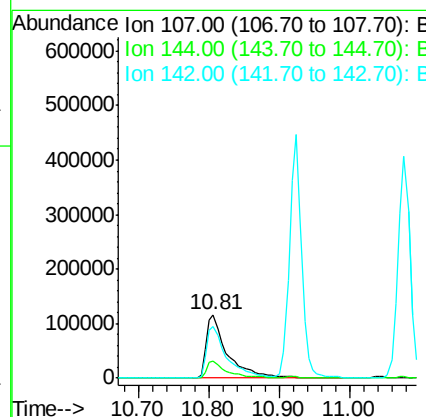
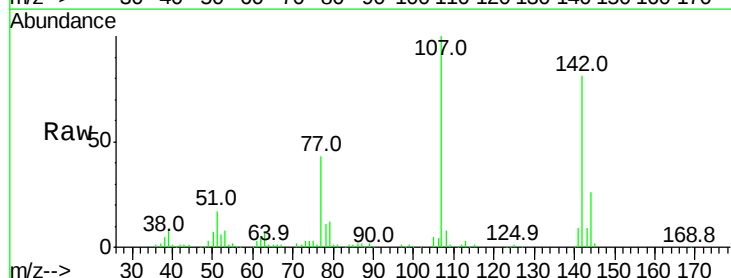
Tgt Ion:107 Resp: 241478

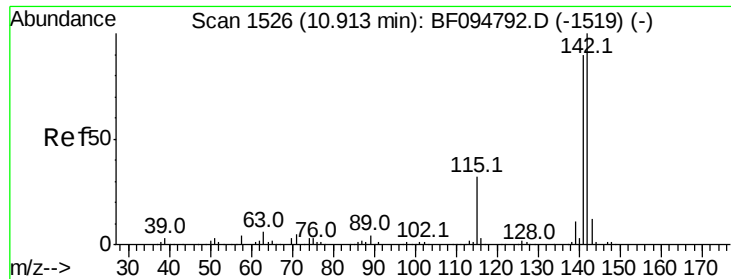
Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

142 81.1 73.4 110.0





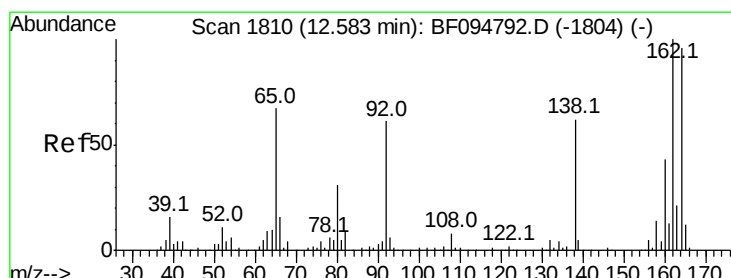
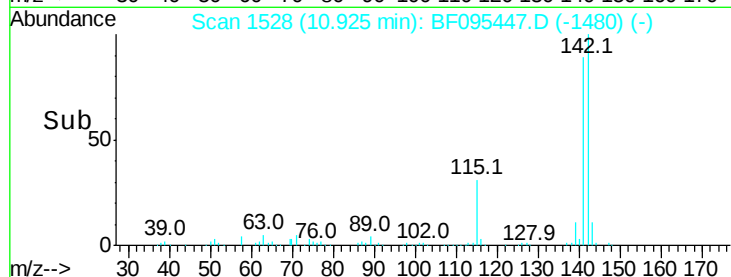
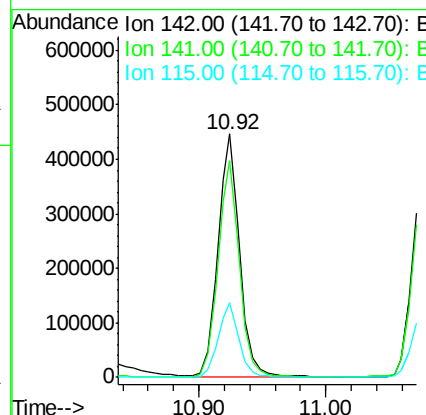
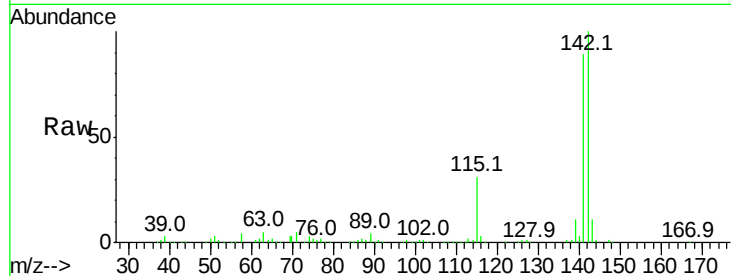
#37
2-Methylnaphthalene
Concen: 39.85 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	30.8	27.1	40.7

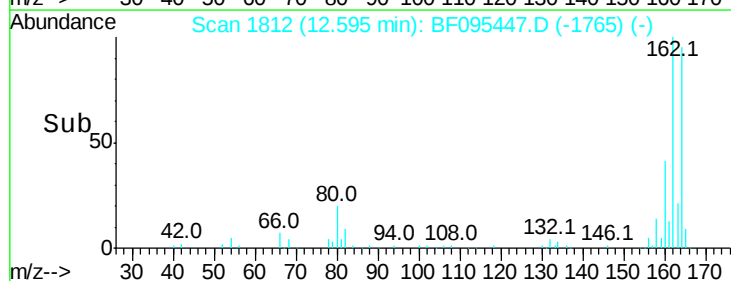
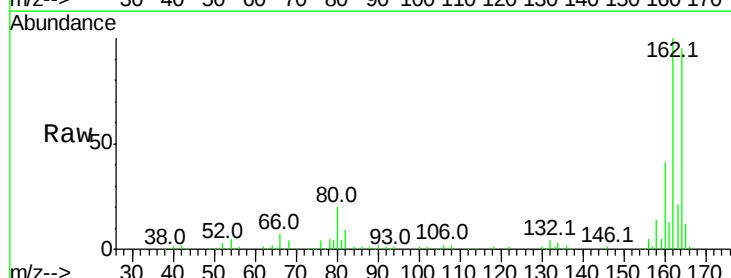
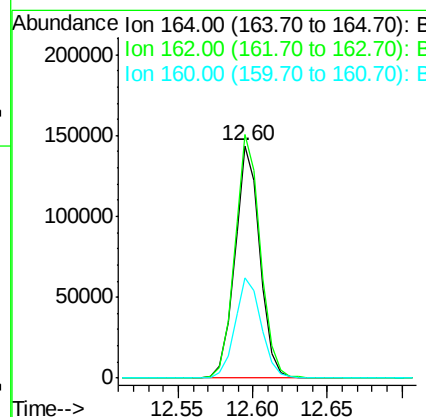
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	43.2	36.2	54.2





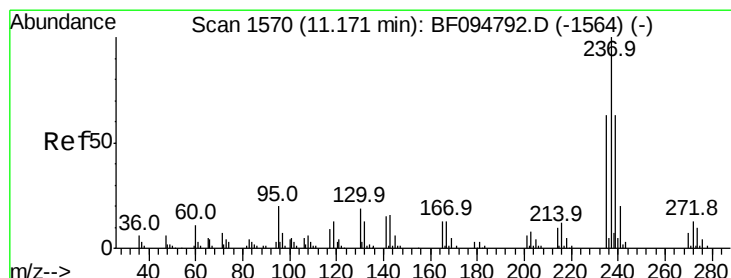
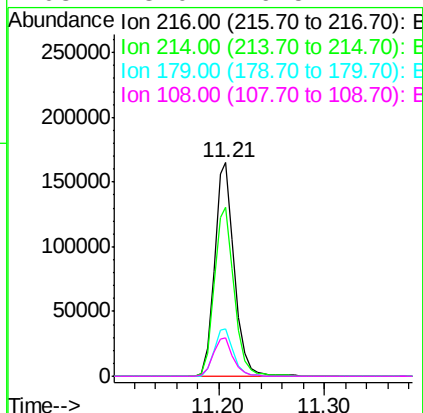
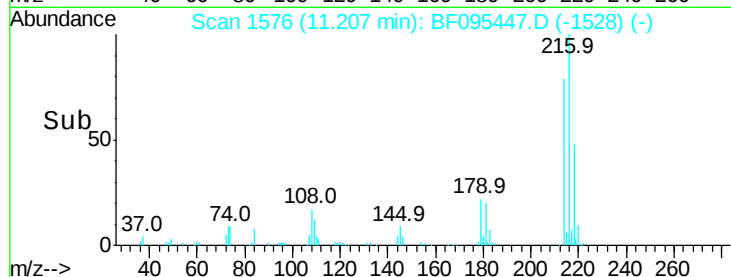
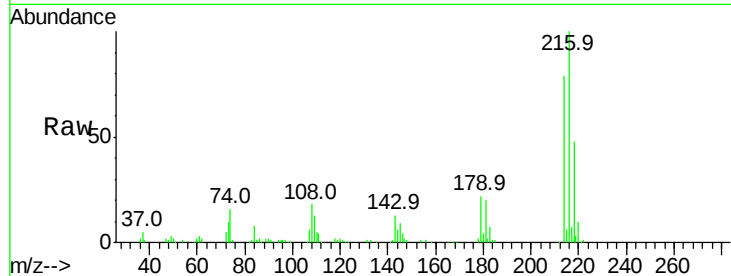
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.97 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216549		
214	79.8	63.4	95.2	
179	21.9	17.9	26.9	
108	18.0	16.5	24.7	

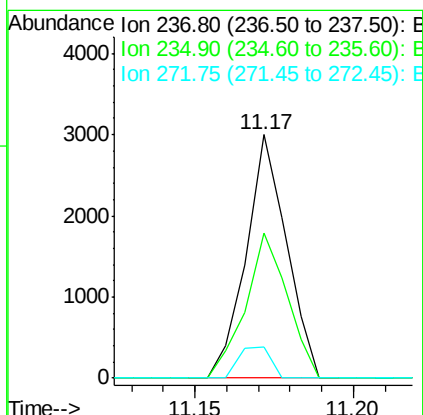
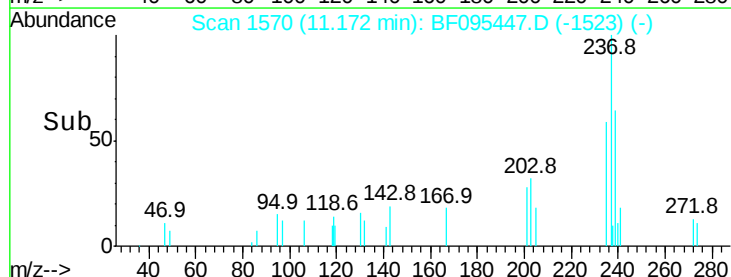
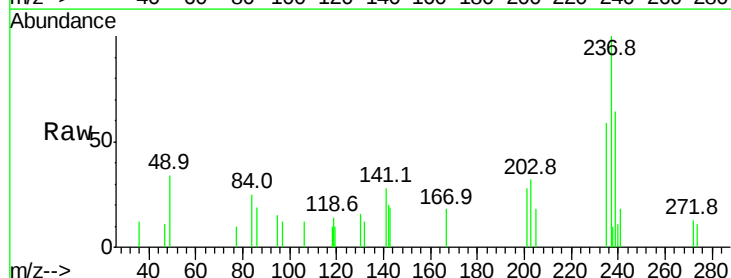
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#40
 Hexachlorocyclopentadiene
 Concen: 7.19 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	2657		
235	59.4	42.6	82.6	
272	12.8	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 72.97 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

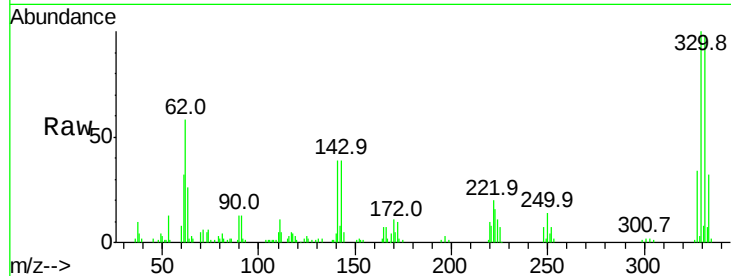
ClientSampleId :

SSTDCCC040

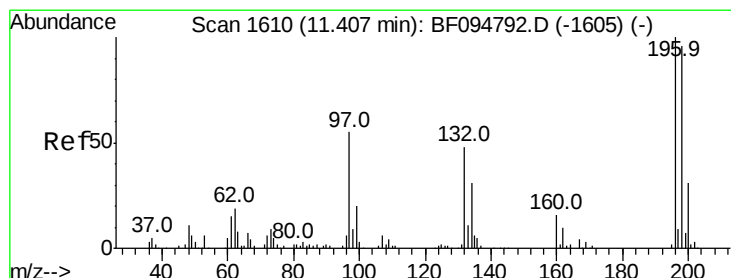
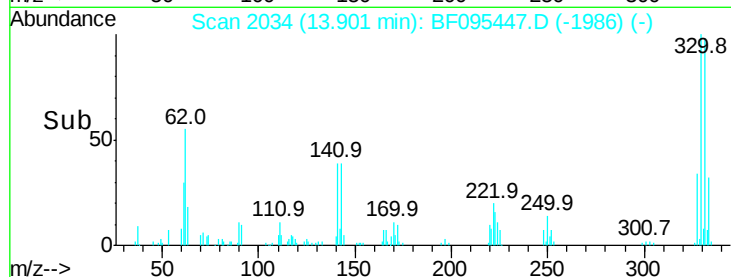
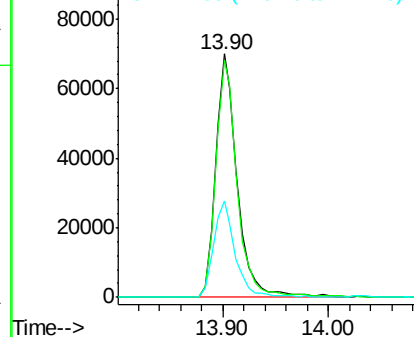
Tot Ion:	330	Resp:	100263
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	39.4	31.4	47.2

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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: 41.21 ng

RT: 11.43 min Scan# 1614

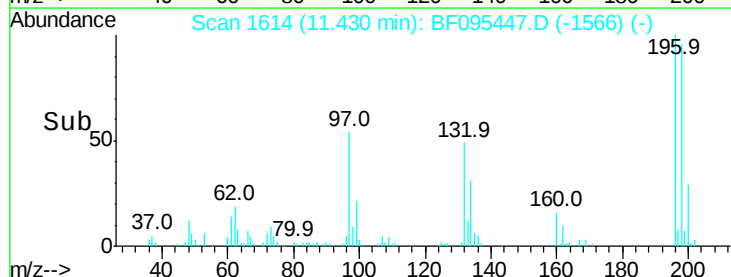
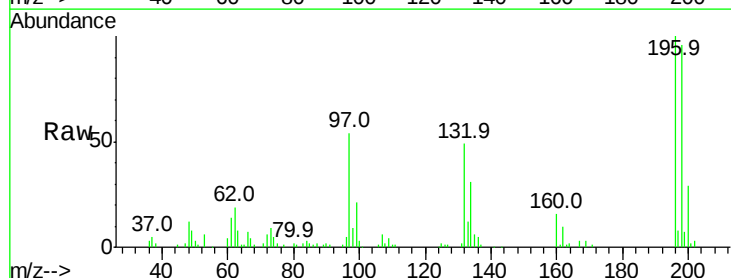
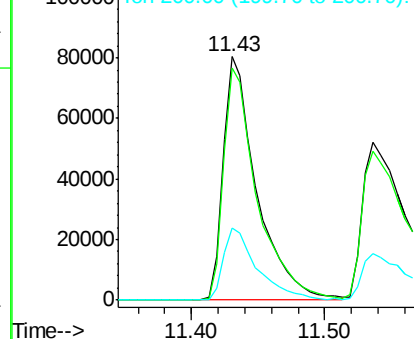
Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	196	Resp:	141946
Ion Ratio	Lower	Upper	
196	100		
198	95.6	74.2	111.4
200	29.4	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





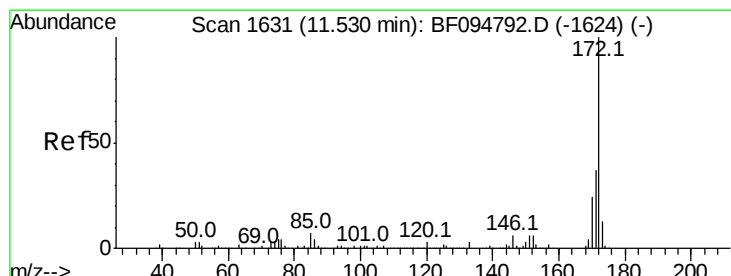
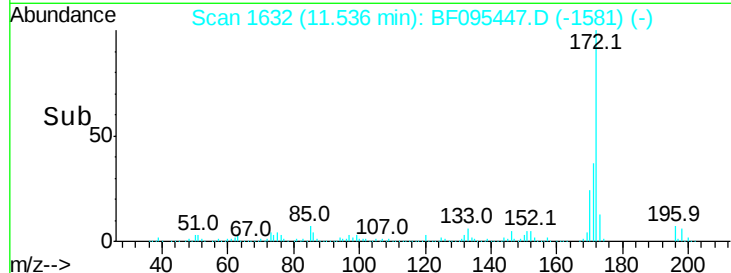
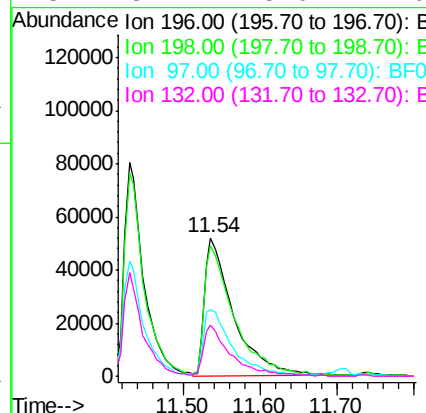
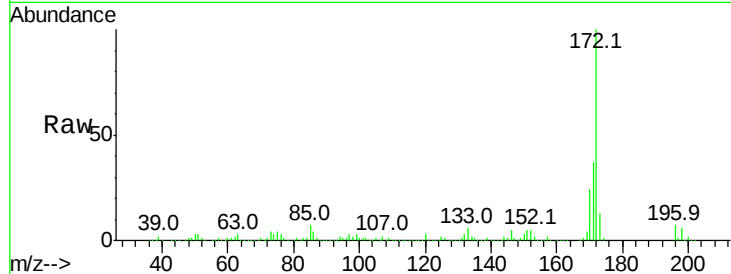
#43
 2,4,5-Trichlorophenol
 Concen: 36.63 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	135611		
198	94.3	75.7	113.5	
97	48.5	47.7	71.5	
132	37.4	28.0	42.0	

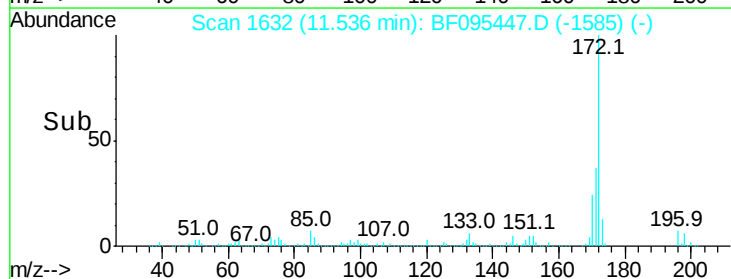
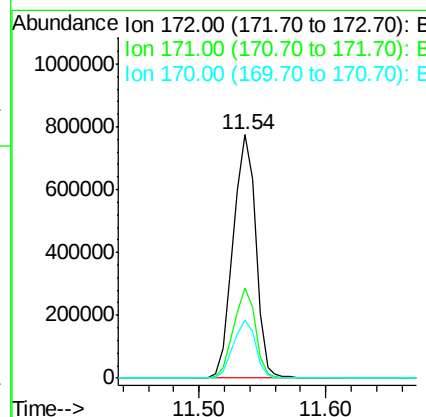
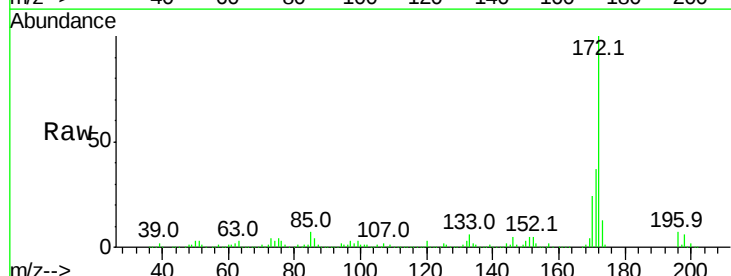
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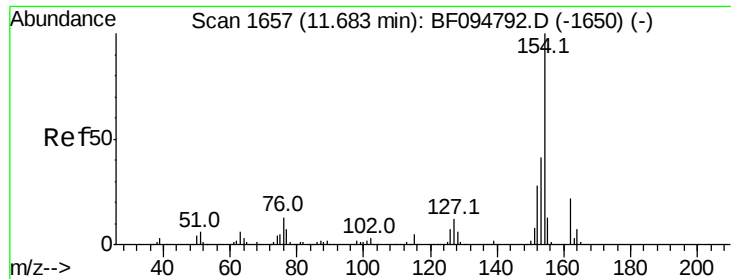
mohammad
 5/26/2017 1:26:55 PM



#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	954372		
171	36.8	29.6	44.4	
170	23.7	19.8	29.8	





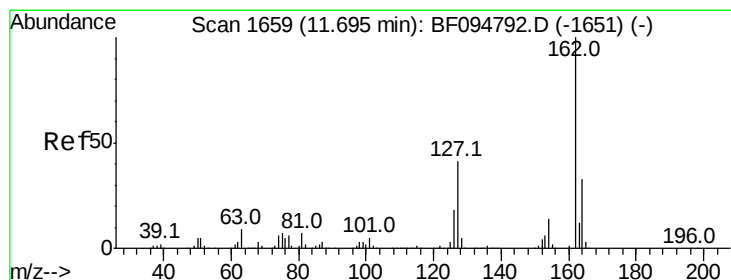
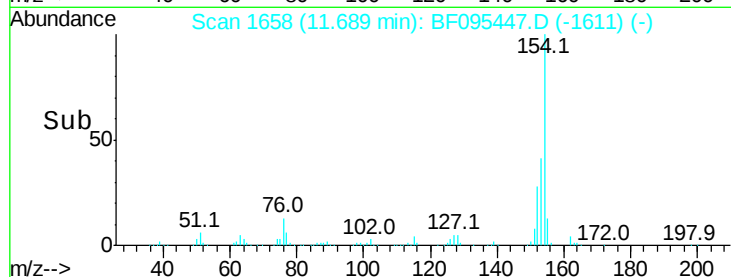
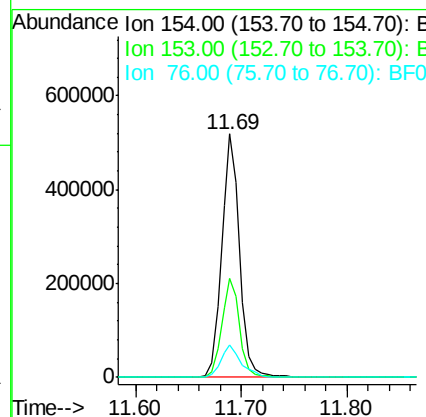
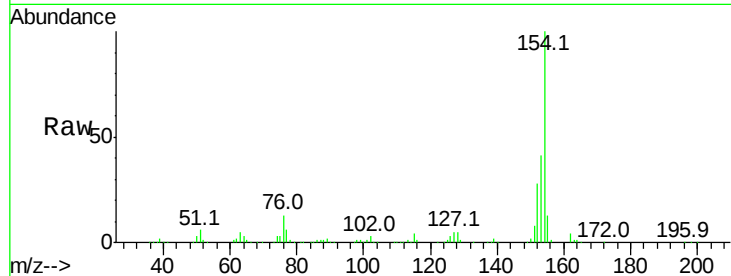
#45
1,1'-Biphenyl
Concen: 43.46 ng
RT: 11.69 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.2	61.2	
76	13.3	0.0	29.9	

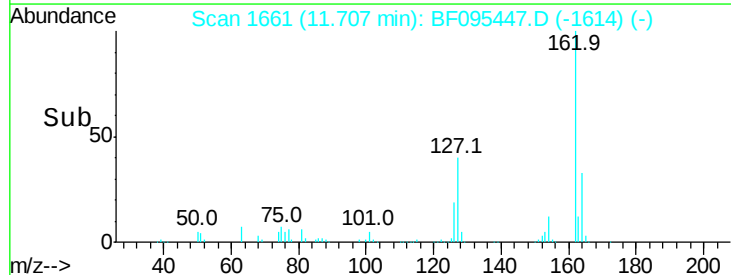
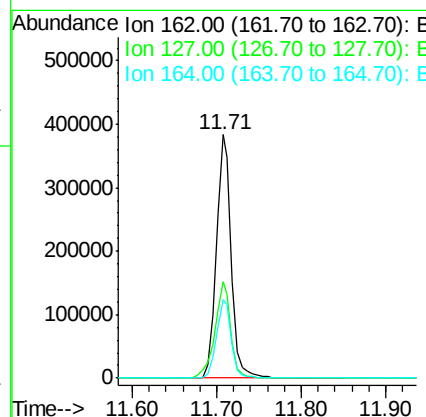
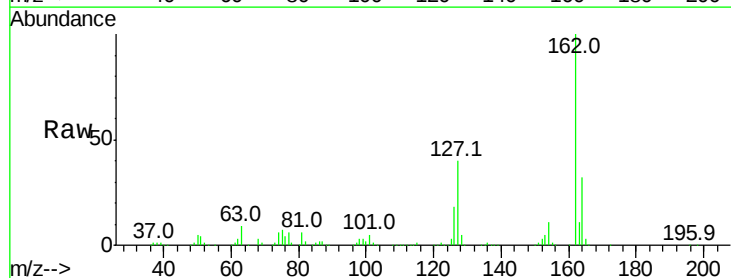
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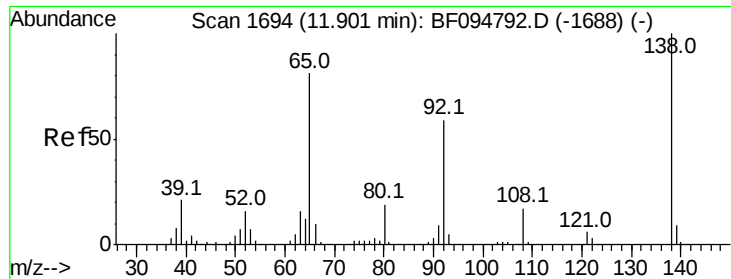
mohammad
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#46
2-Chloronaphthalene
Concen: 41.97 ng
RT: 11.71 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	28.3	42.5	
164	32.3	27.0	40.4	





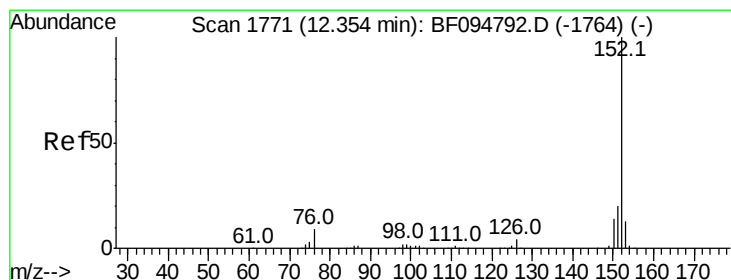
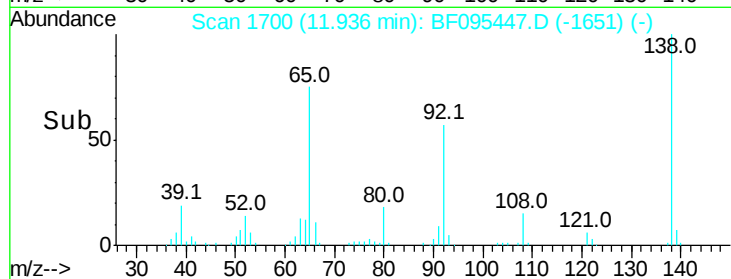
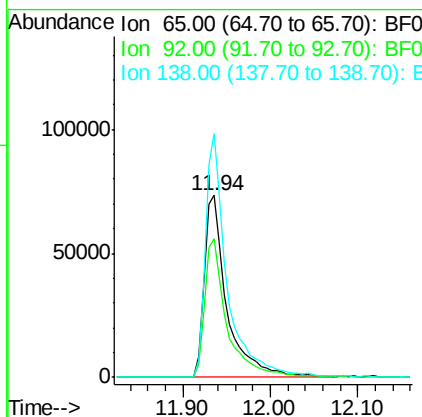
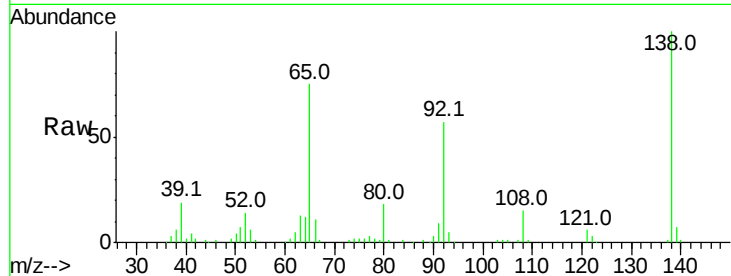
#47
 2-Nitroaniline
 Concen: 42.35 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132198		
92	76.1	53.9	80.9	
138	133.7	78.8	118.2#	

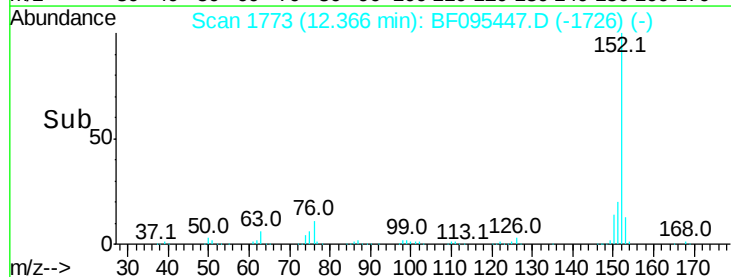
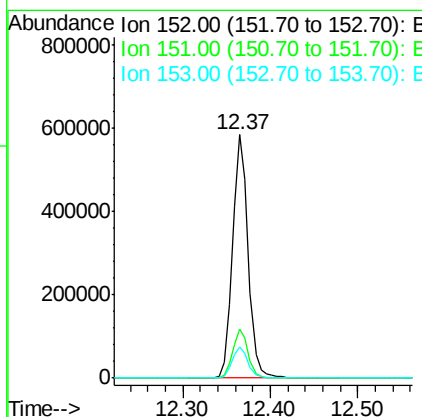
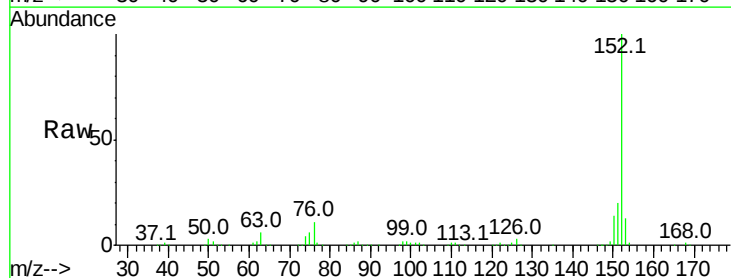
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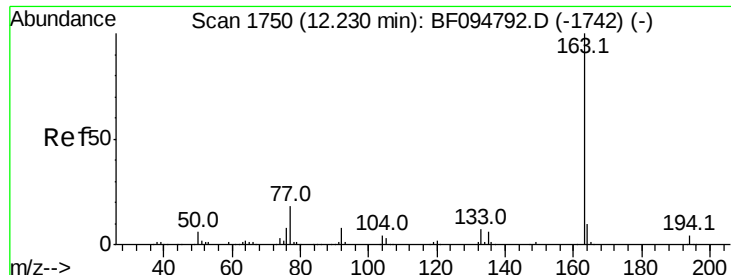
mohammad
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#48
 Acenaphthylene
 Concen: 39.84 ng
 RT: 12.37 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	711774		
151	20.2	16.8	25.2	
153	12.9	10.8	16.2	





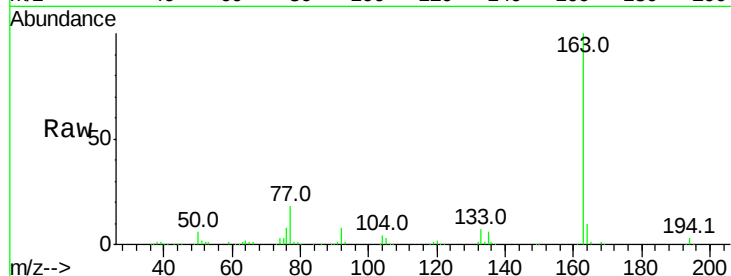
#49
Dimethylphthalate
Concen: 42.33 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.4	12.6

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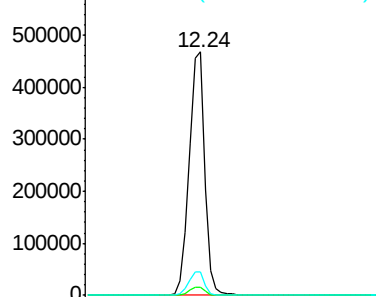


Abundance

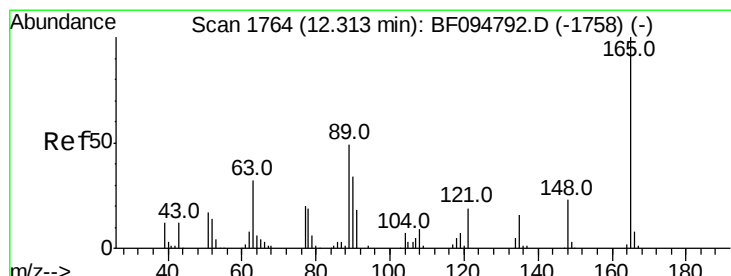
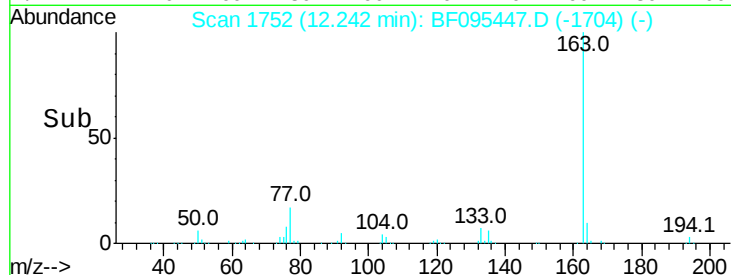
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

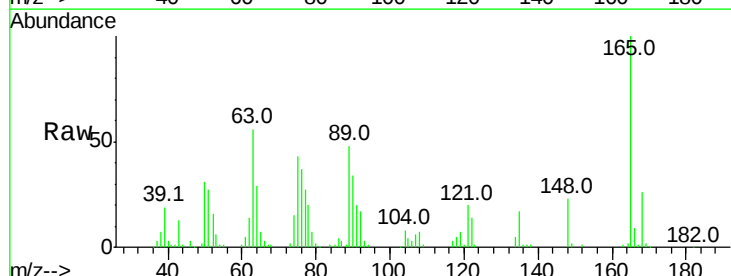


Time-->



#50
2,6-Dinitrotoluene
Concen: 38.33 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	56.3	34.3	51.5#
89	48.0	37.1	55.7

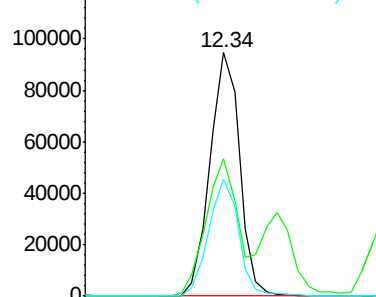


Abundance

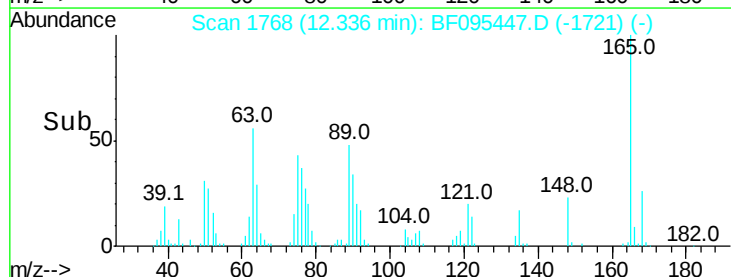
Ion 165.00 (164.70 to 165.70): E

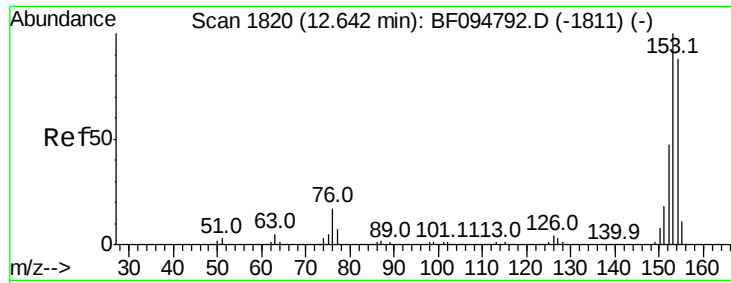
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



Time-->





#51

Acenaphthene

Concen: 38.05 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

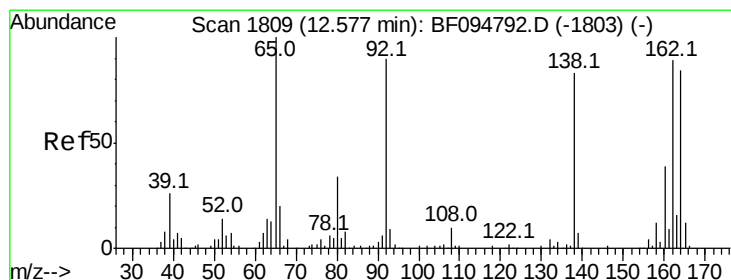
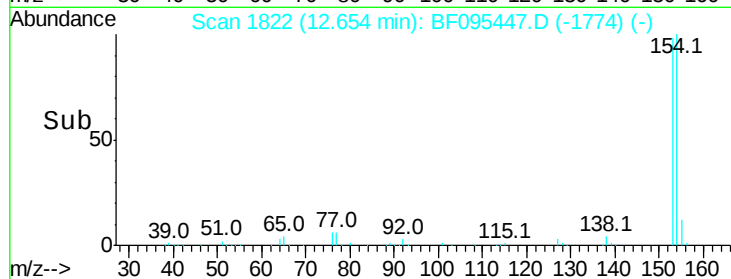
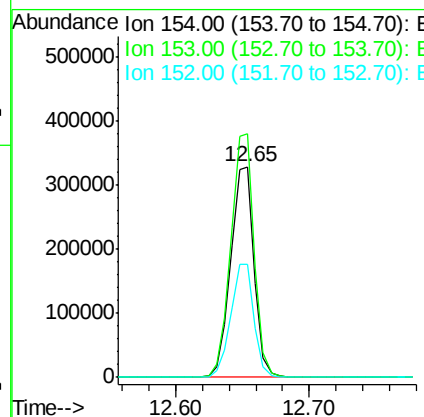
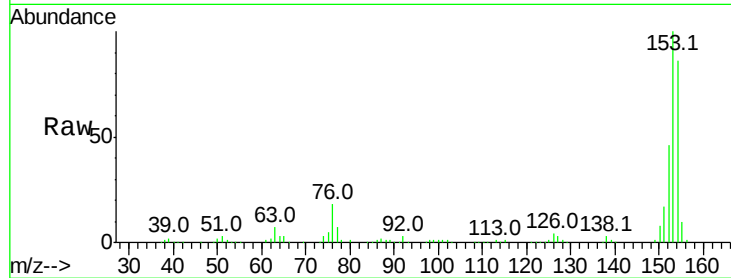
ClientSampled :

SSTDCCC040

Tot Ion:	154	Resp:	405955
Ion Ratio	Lower	Upper	
154	100		
153	115.7	90.5	135.7
152	53.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 42.51 ng

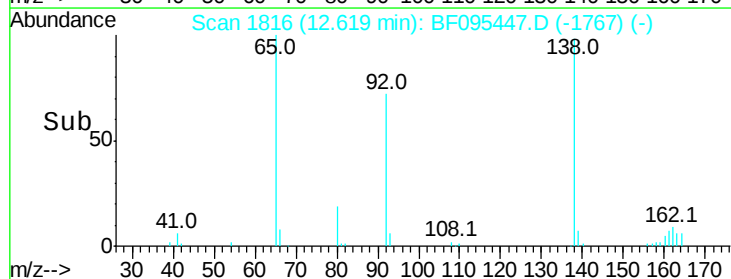
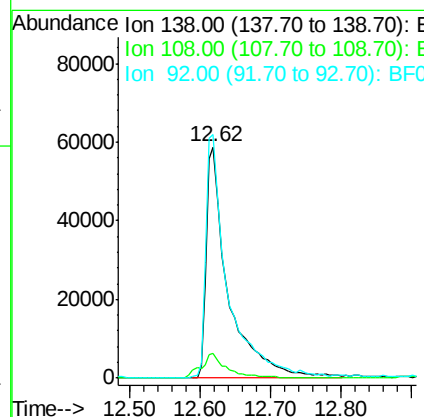
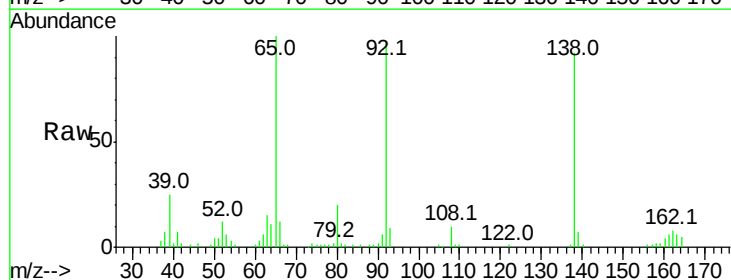
RT: 12.62 min Scan# 1816

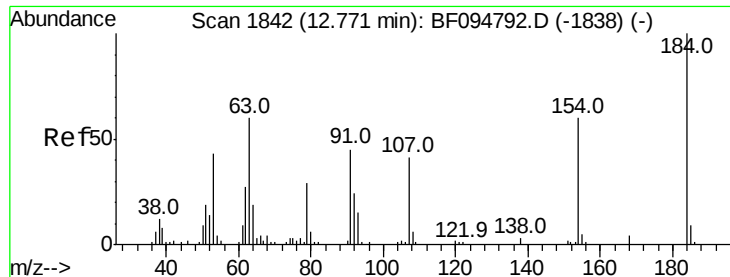
Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	138	Resp:	128203
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	105.4	93.8	140.6





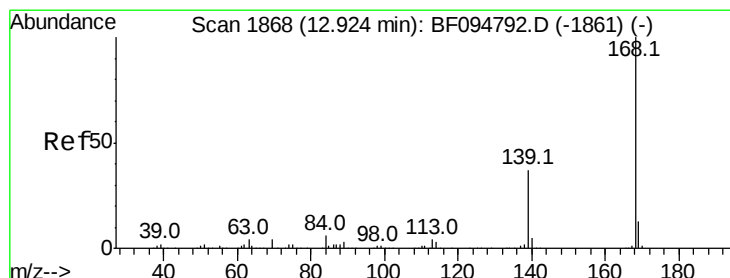
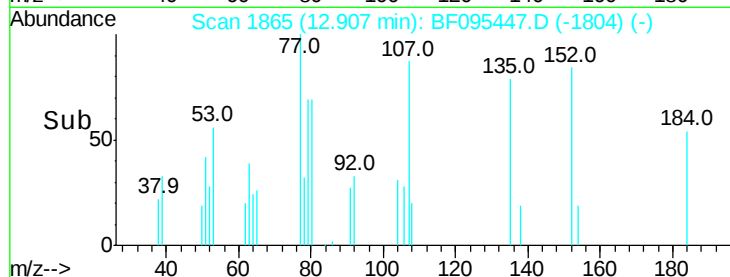
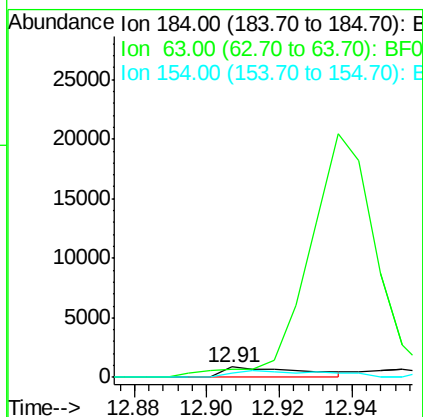
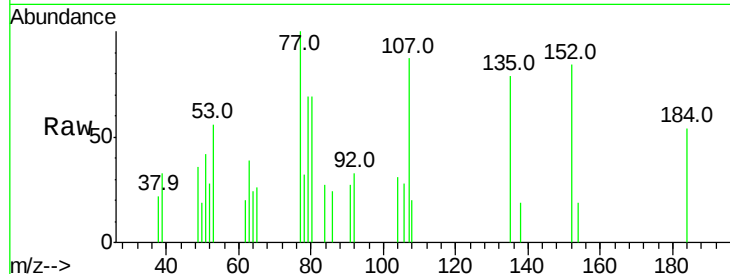
#53
 2,4-Dinitrophenol
 Concen: 7.06 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. 0.06 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.2	62.7	94.1
154	35.8	81.1	121.7#

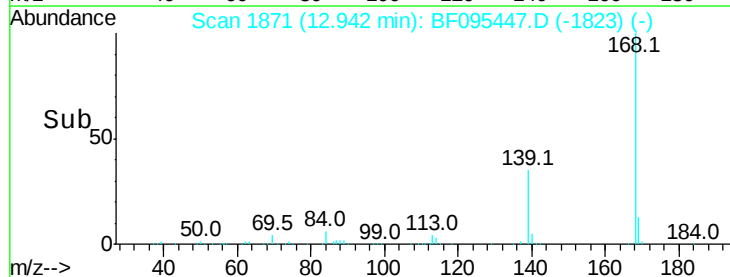
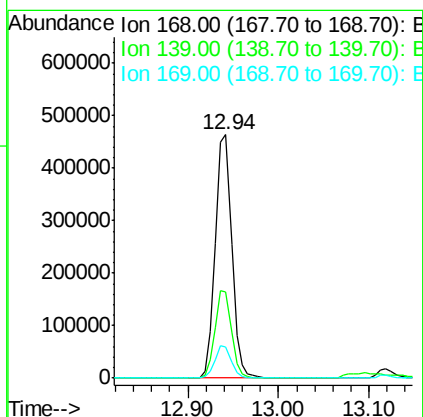
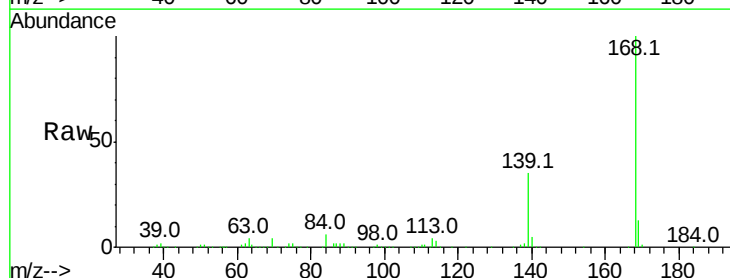
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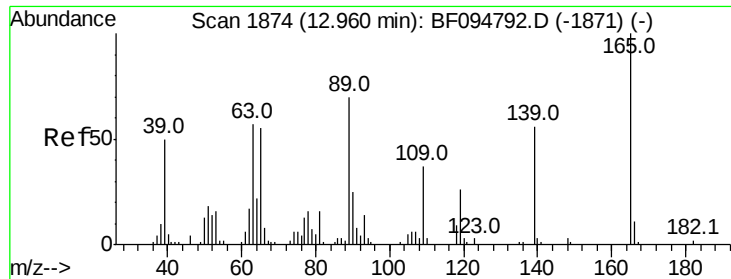
mohammad
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#54
 Dibenzofuran
 Concen: 39.73 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.6	45.8
169	12.9	10.8	16.2





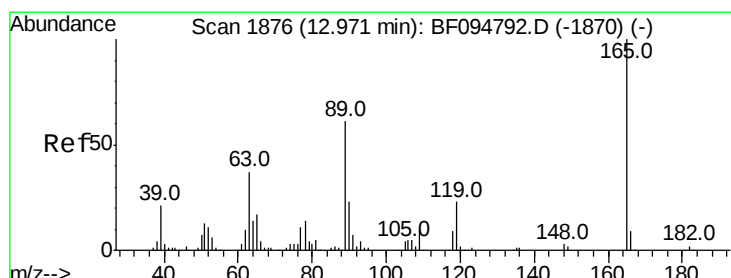
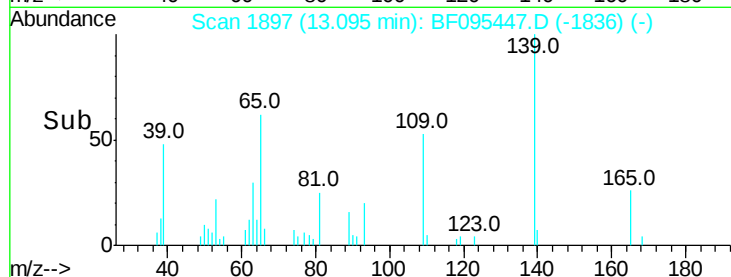
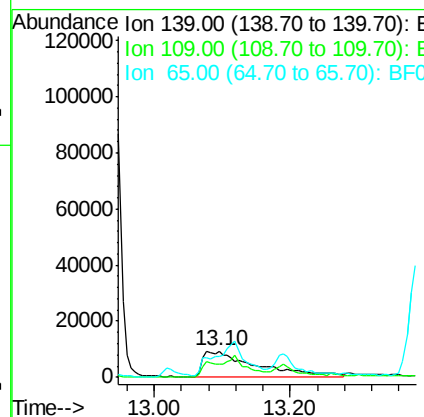
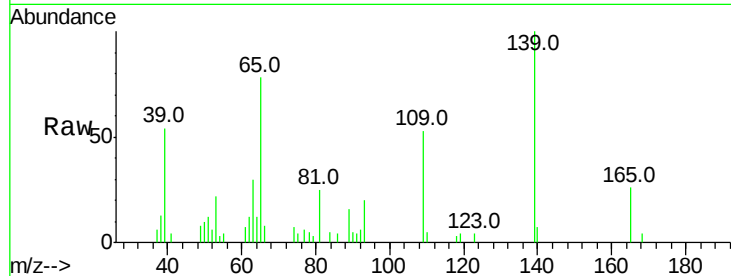
#55
4-Nitrophenol
Concen: 28.86 ng/ml
RT: 13.10 min Scan# 1897
Delta R.T. 0.06 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.7	34.1	74.1
65	77.7	31.4	71.4

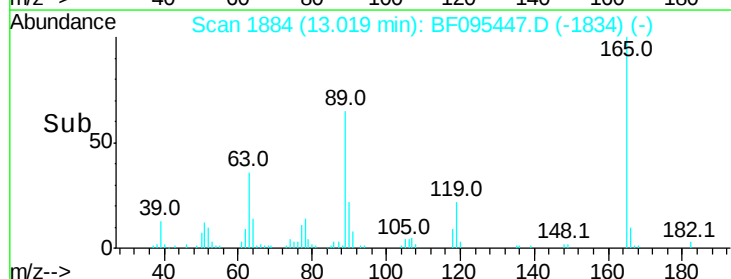
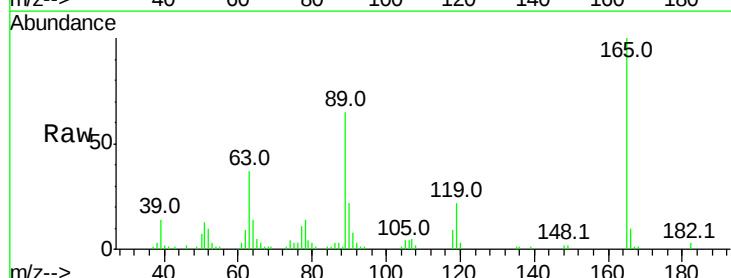
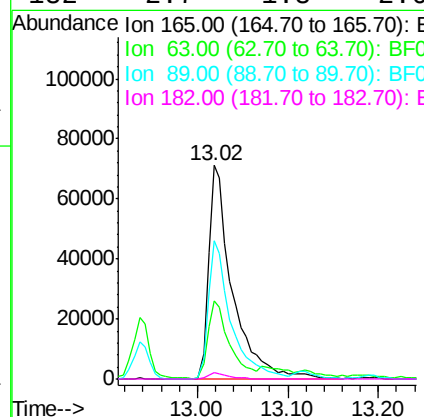
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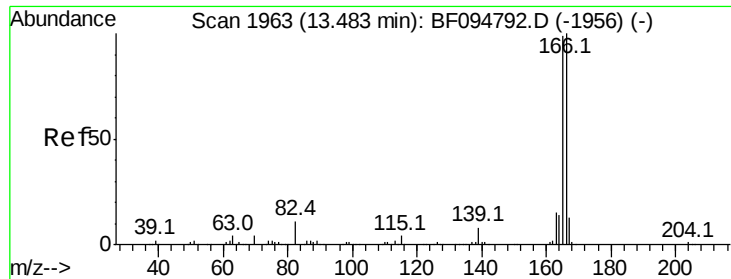
mohammad
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#56
2,4-Dinitrotoluene
Concen: 36.08 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.5	25.4	38.0
89	64.6	46.4	69.6
182	2.7	1.8	2.6





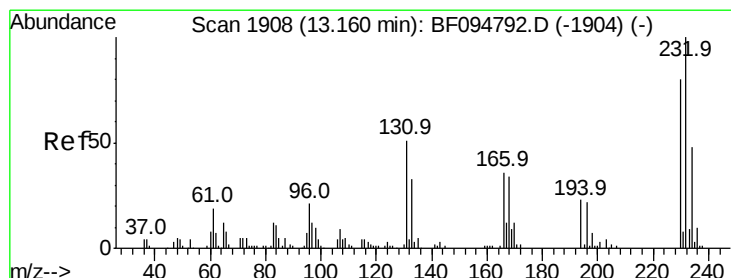
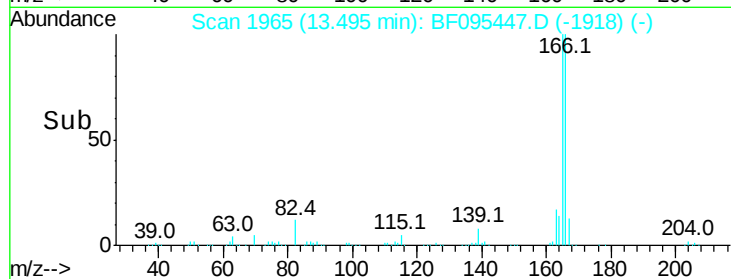
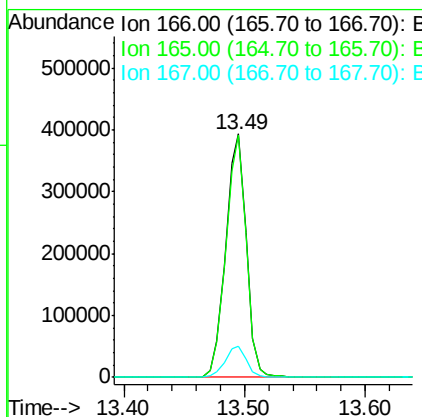
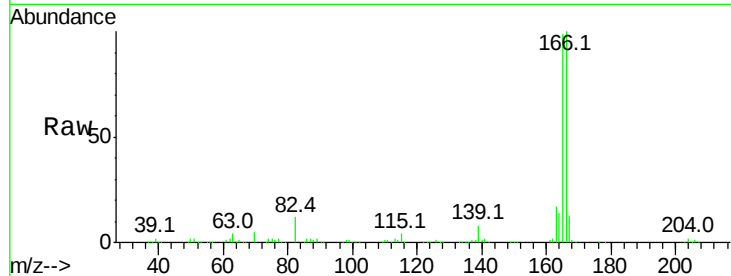
#57
 Fluorene
 Concen: 36.11 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	78.8	118.2	
167	12.9	10.6	16.0	

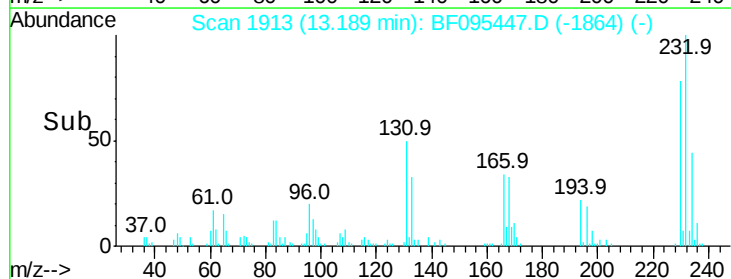
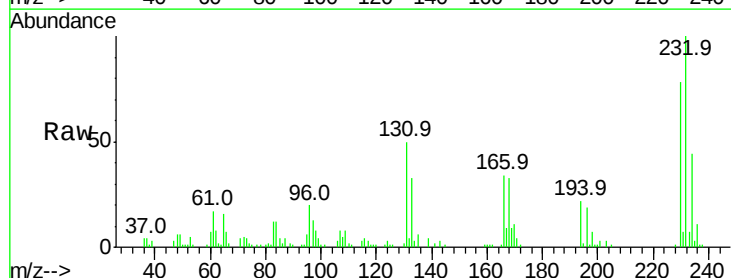
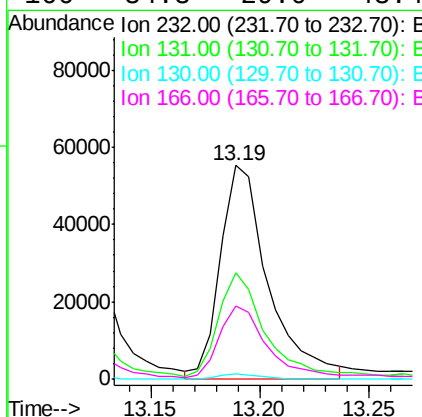
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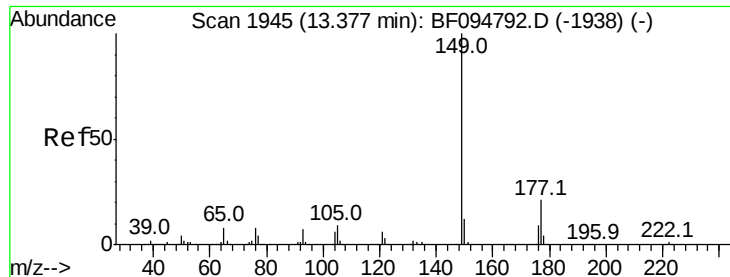
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.05 ng m
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.0	44.8	67.2	
130	2.1	2.3	3.5#	
166	34.3	29.0	43.4	





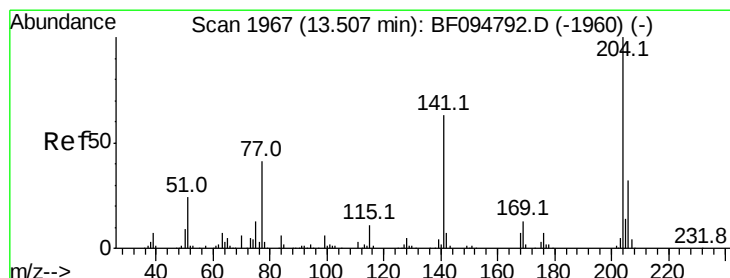
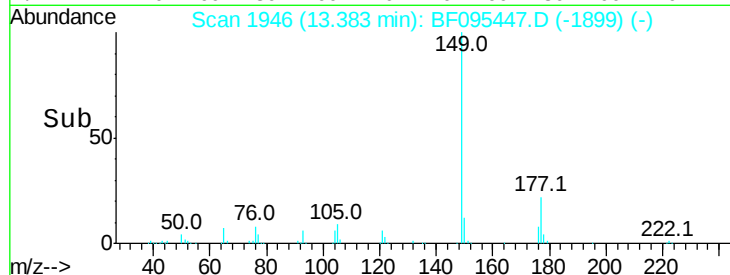
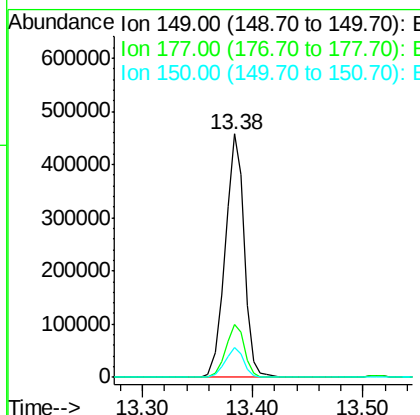
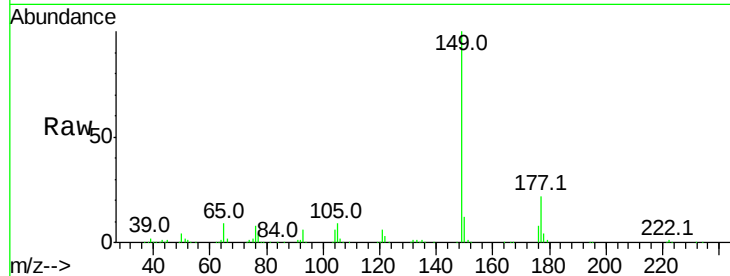
#59
Diethylphthalate
Concen: 41.65 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.4	10.2	15.2

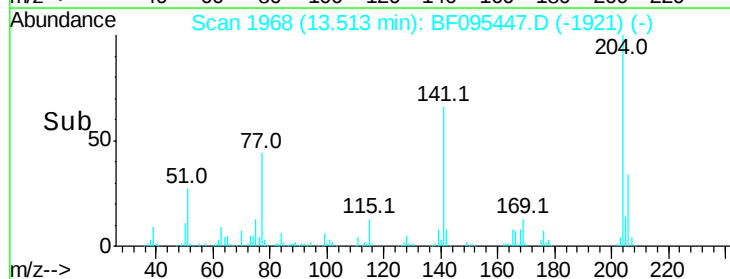
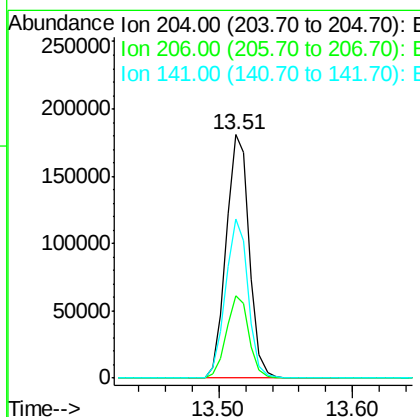
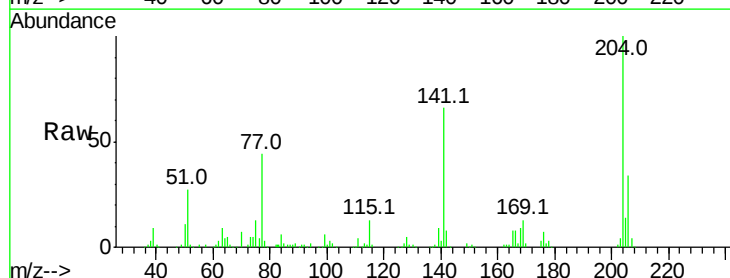
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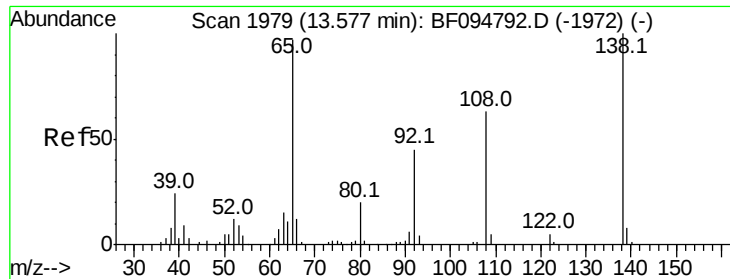
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.10 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	65.6	60.8	91.2





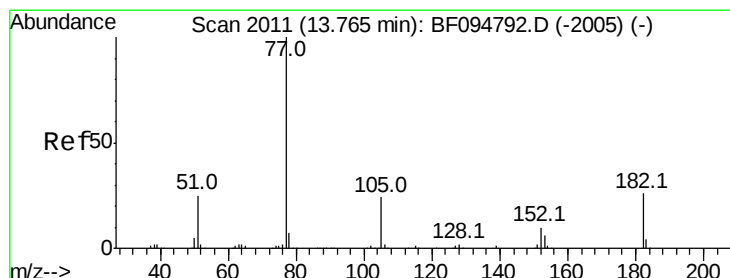
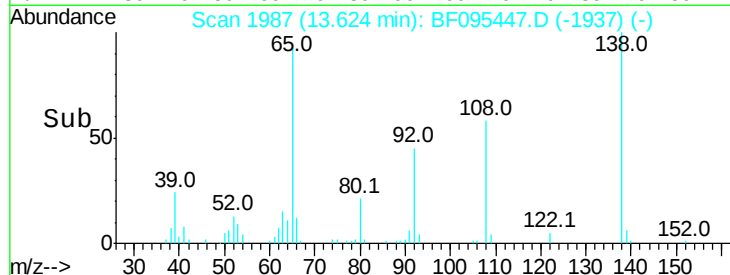
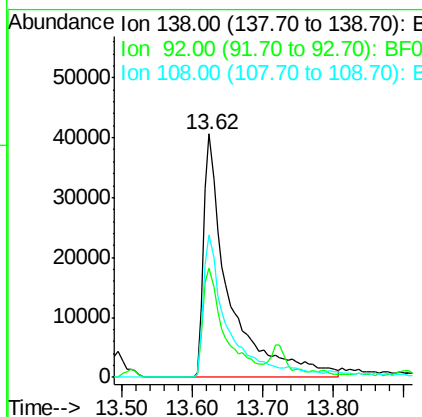
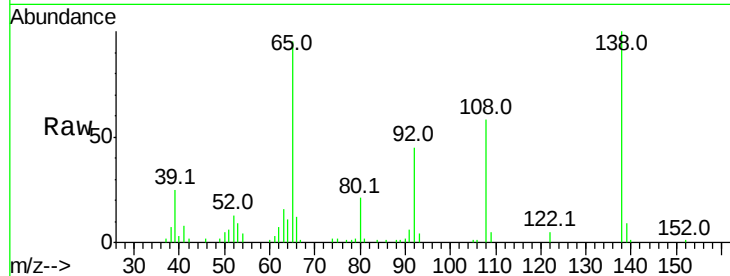
#61
4-Nitroaniline
Concen: 36.60 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	138	Resp:	101331
Ion Ratio	Lower	Upper	
138	100		
92	45.1	21.8	61.8
108	58.5	42.3	82.3

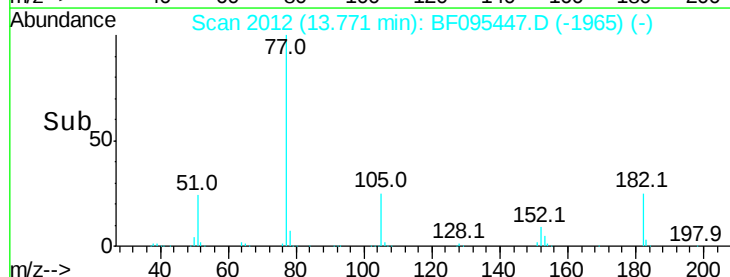
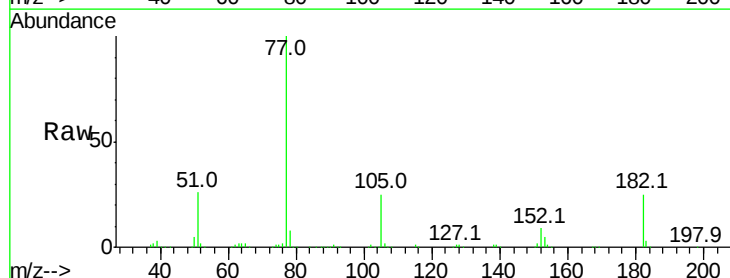
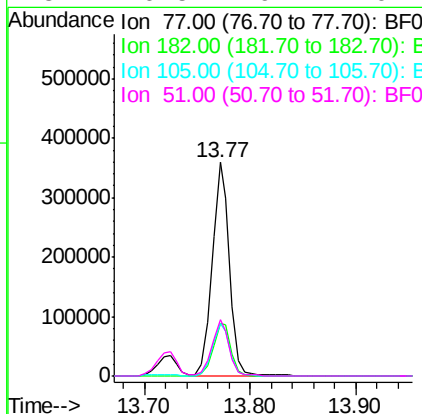
Manual Integrations
APPROVED

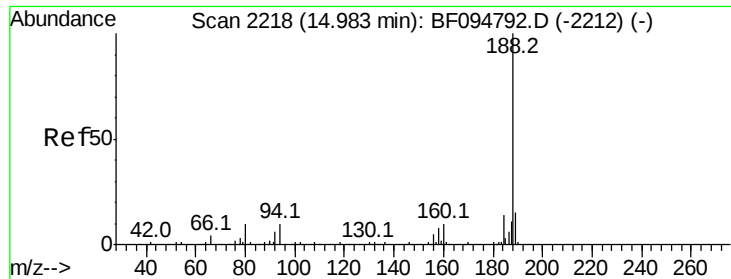
mohammad
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#62
Azobenzene
Concen: 38.85 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion:	77	Resp:	412086
Ion Ratio	Lower	Upper	
77	100		
182	24.5	0.1	40.1
105	24.8	3.6	43.6
51	26.5	9.4	49.4





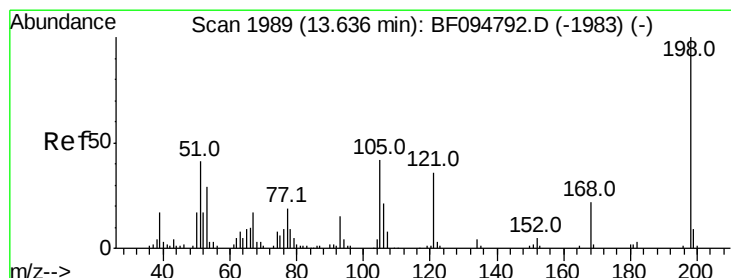
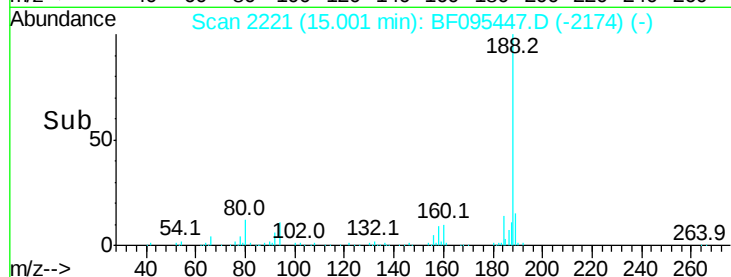
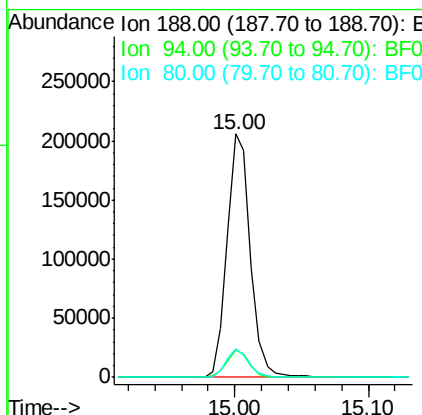
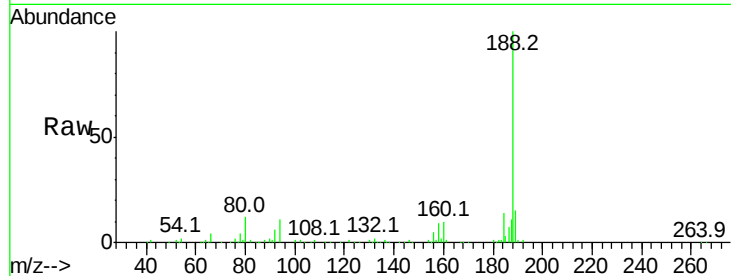
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	253793		
94	11.1		9.4	14.2
80	11.6		10.2	15.2

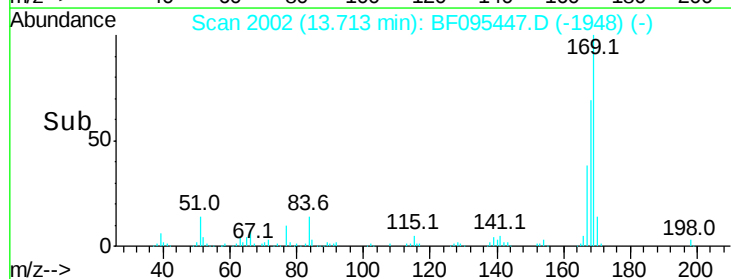
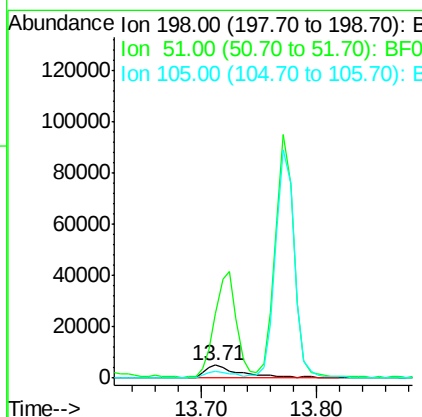
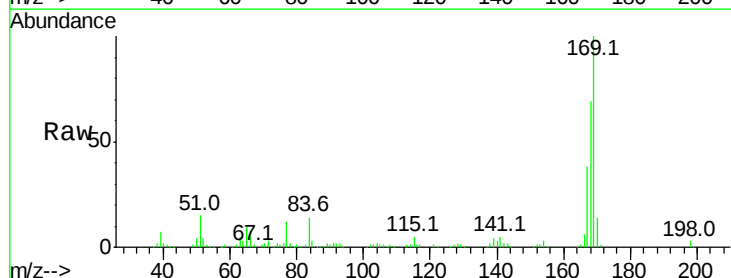
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#64
4,6-Dinitro-2-methylphenol
Concen: 6.40 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10889		
51	499.0		53.2	93.2#
105	47.8		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 46.53 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 428610

Ion Ratio Lower Upper

169 100

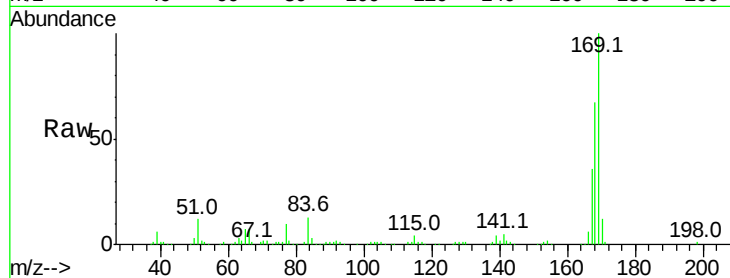
168 67.4 53.2 79.8

167 36.1 29.5 44.3

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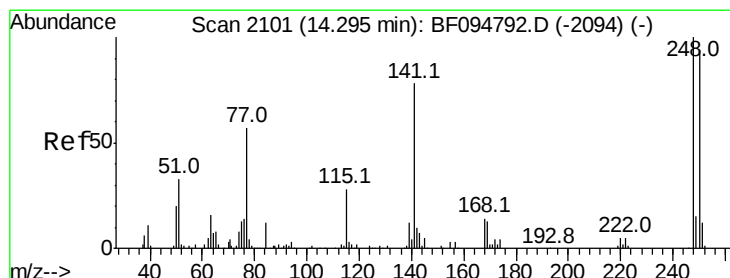
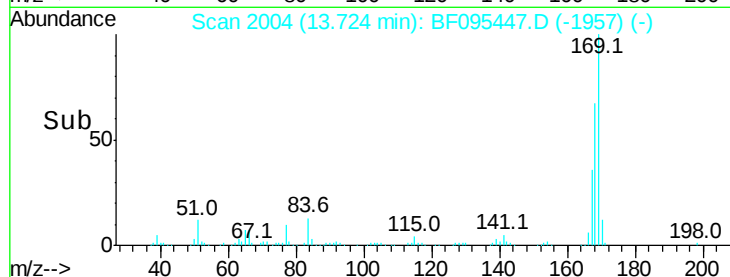
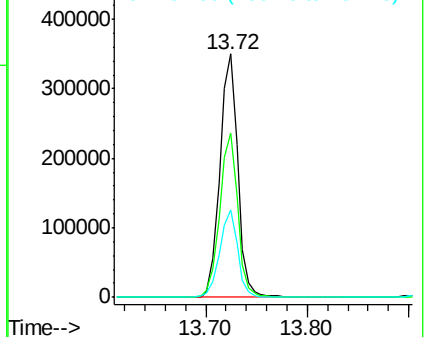
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.89 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

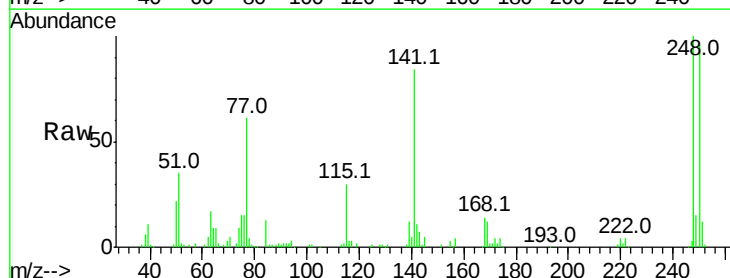
Tgt Ion:248 Resp: 117689

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

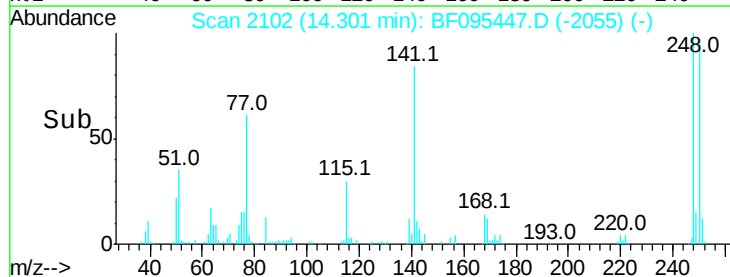
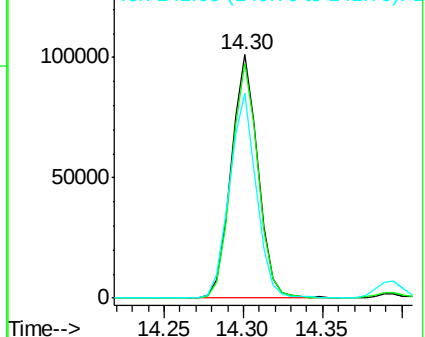
141 84.1 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.43 ng

RT: 14.39 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

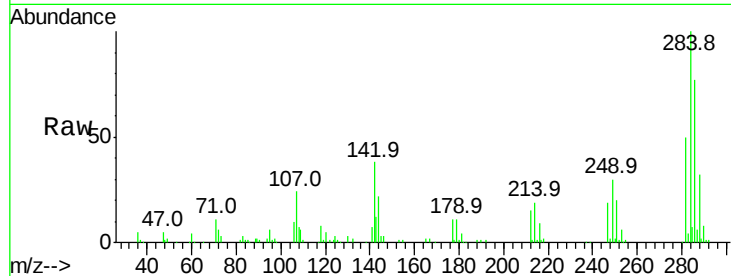
ClientSampled :

SSTDCCC040

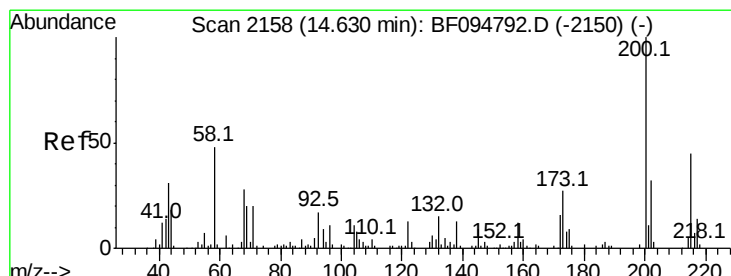
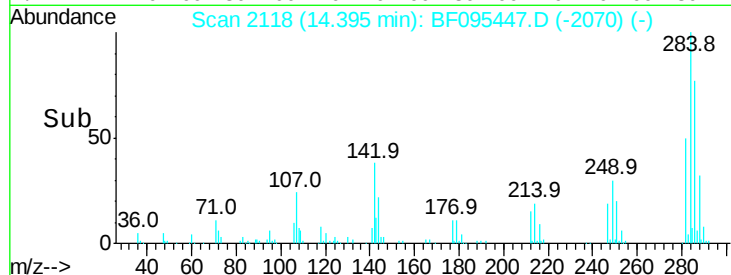
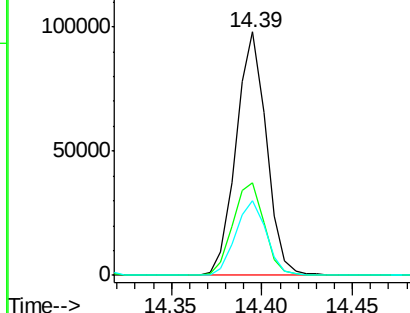
Tot Ion:	284	Resp:	113848
Ion Ratio	Lower	Upper	
284	100		
142	38.3	22.8	34.2#
249	30.4	24.0	36.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.27 ng

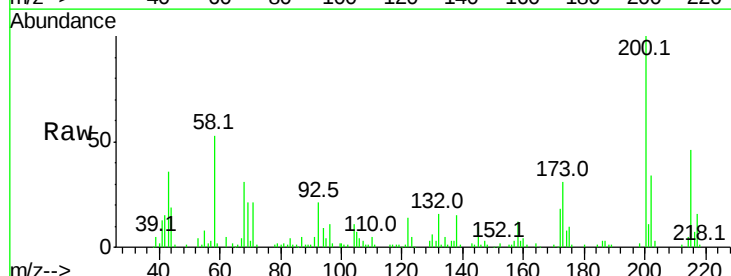
RT: 14.64 min Scan# 2160

Delta R.T. -0.02 min

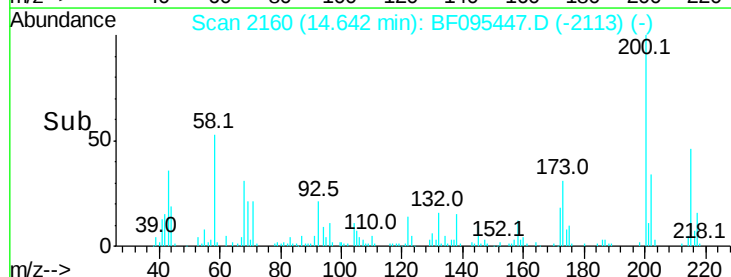
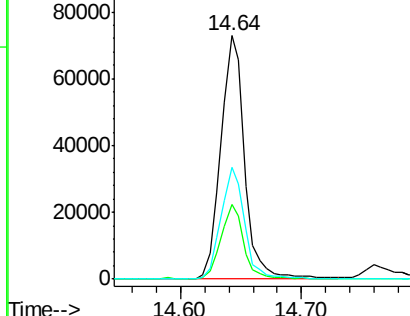
Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	200	Resp:	99529
Ion Ratio	Lower	Upper	
200	100		
173	30.6	6.3	46.3
215	45.8	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





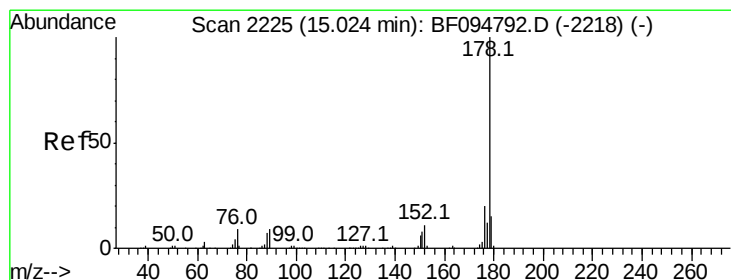
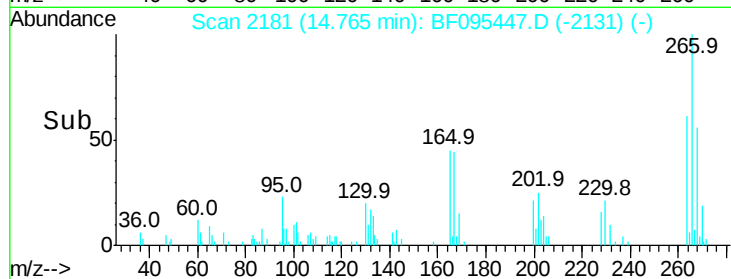
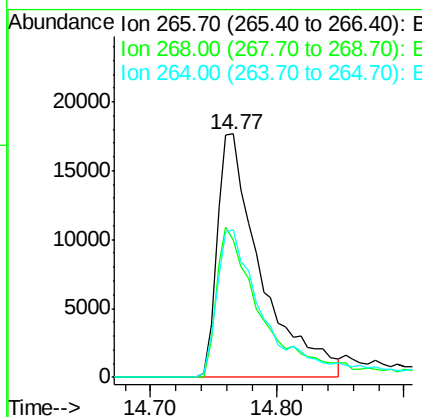
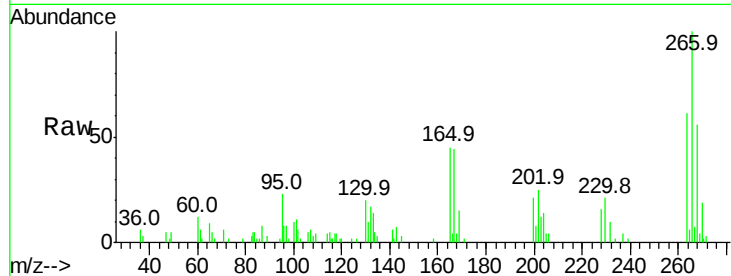
#69
 Pentachlorophenol
 Concen: 37.47 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	42369		
268	56.2		51.1	76.7
264	60.8		51.7	77.5

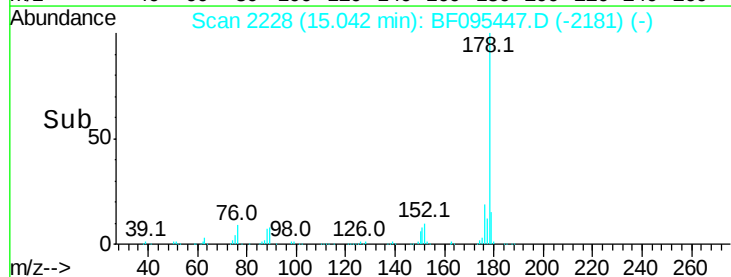
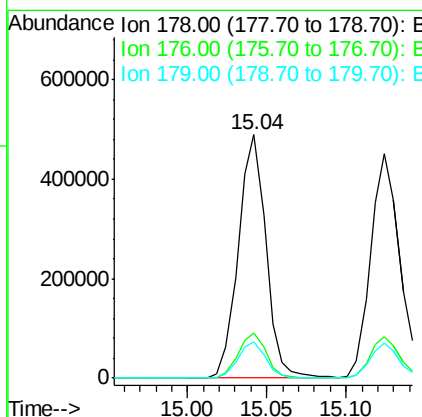
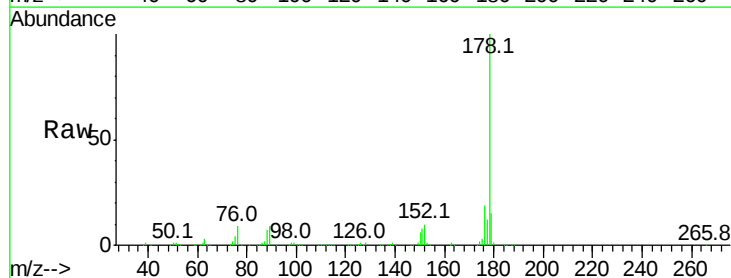
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#70
 Phenanthrene
 Concen: 40.60 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	592042		
176	18.8		16.2	24.4
179	15.1		12.6	19.0





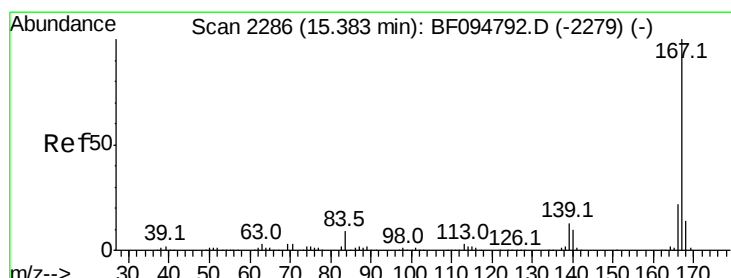
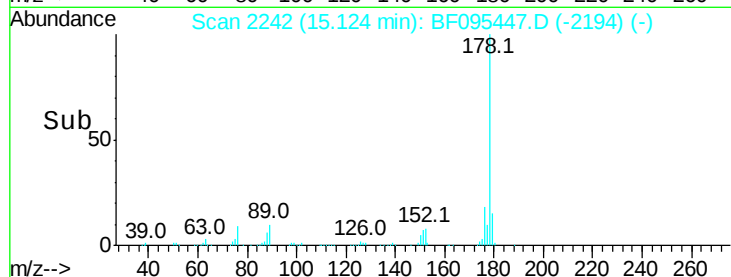
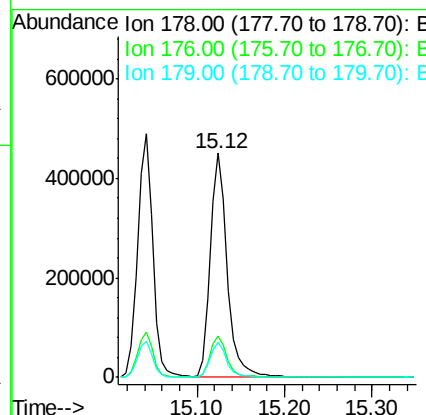
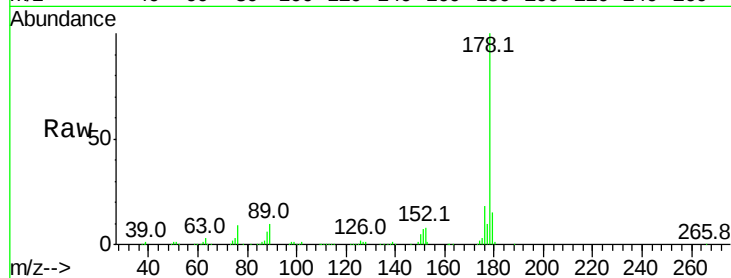
#71
 Anthracene
 Concen: 40.78 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.5	12.7	19.1

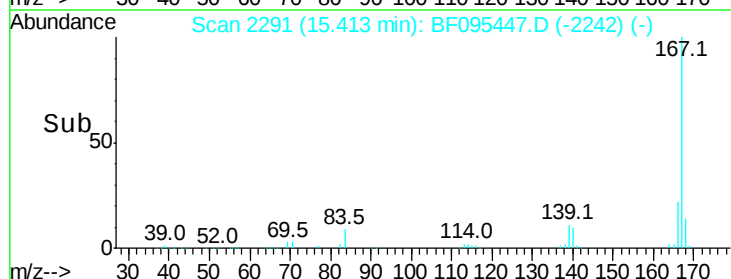
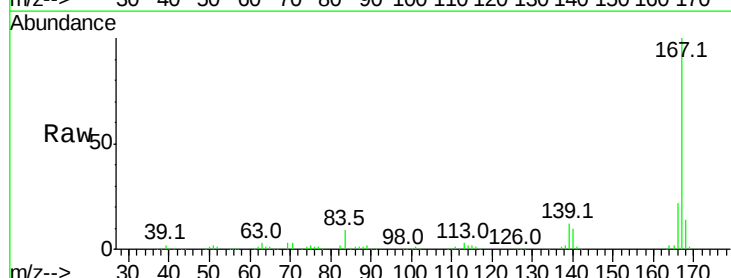
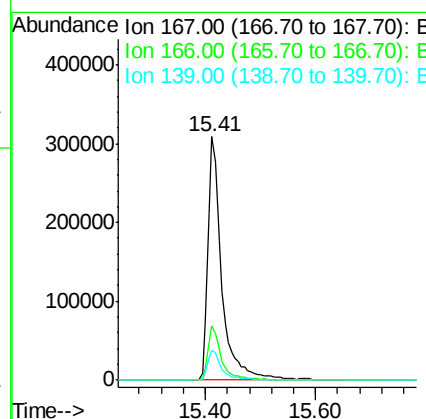
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#72
 Carbazole
 Concen: 39.31 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.5	11.7	17.5





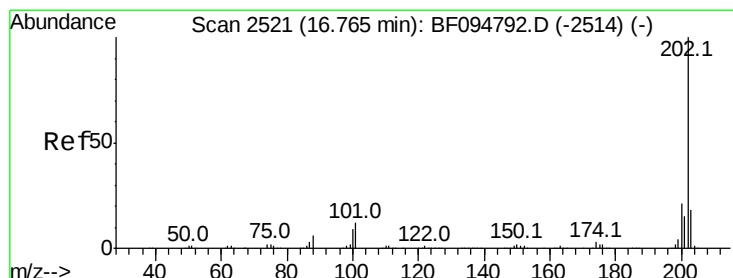
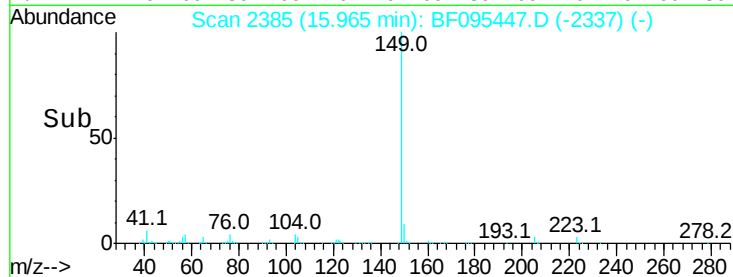
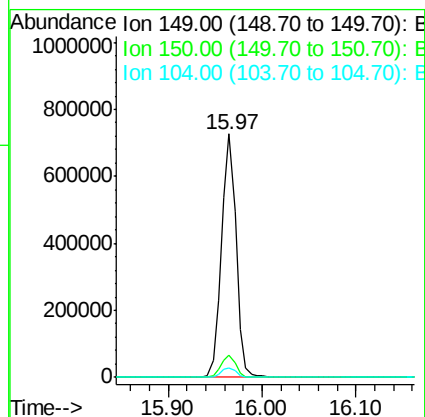
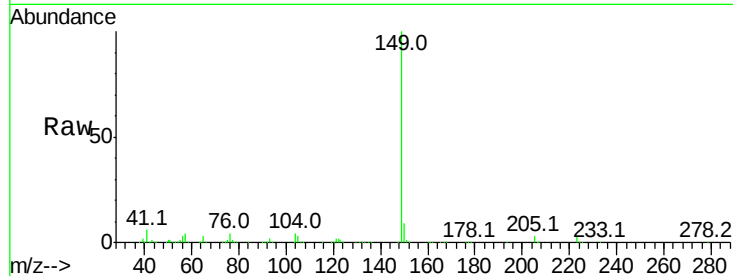
#73
Di-n-butylphthalate
Concen: 46.83 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.1	4.0	6.0

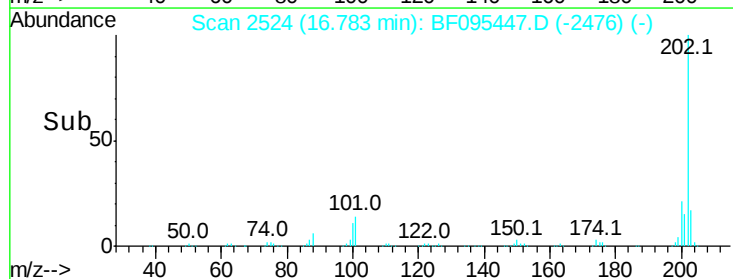
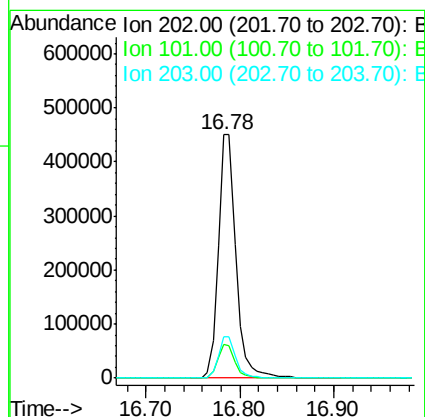
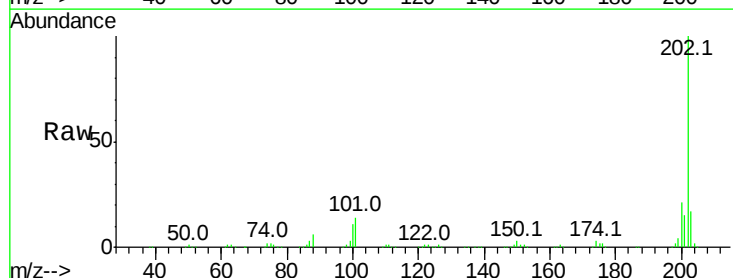
Manual Integrations
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#74
Fluoranthene
Concen: 39.70 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

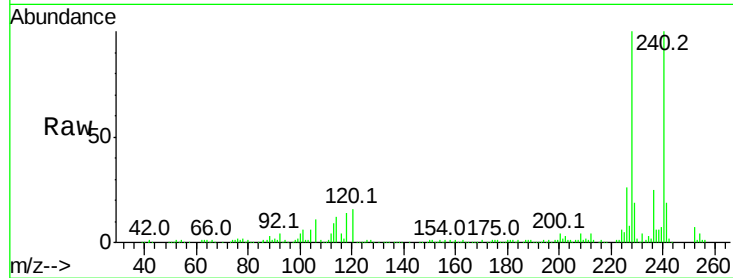
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.5	20.5	30.7

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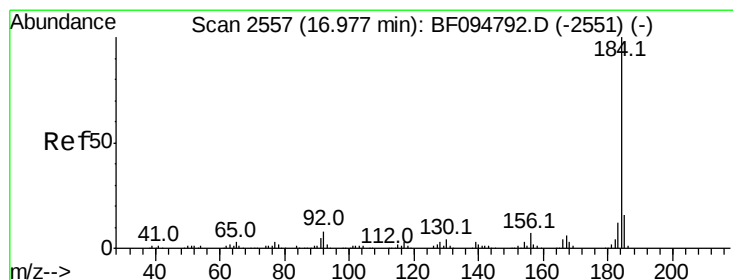
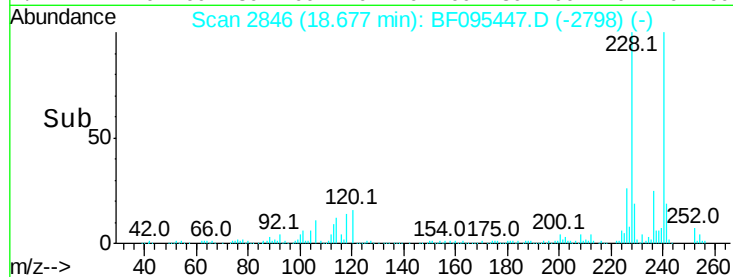
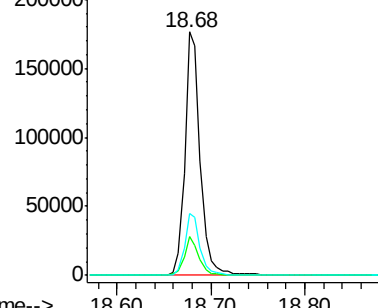
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.81 ng

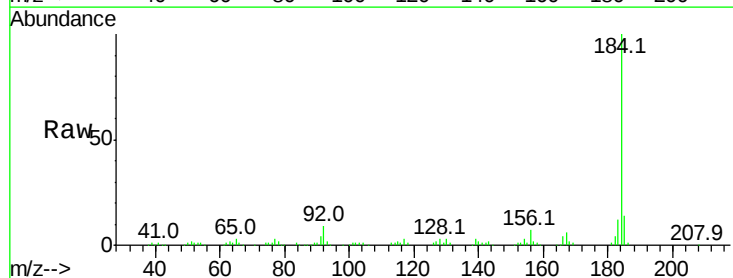
RT: 17.02 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

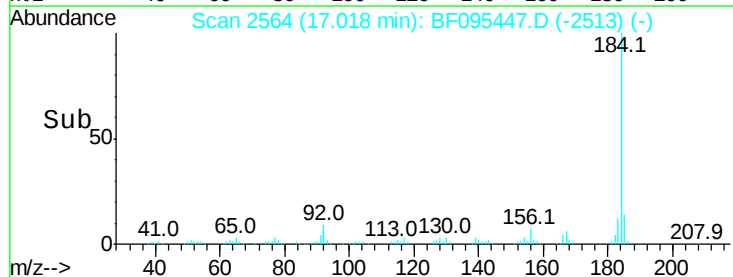
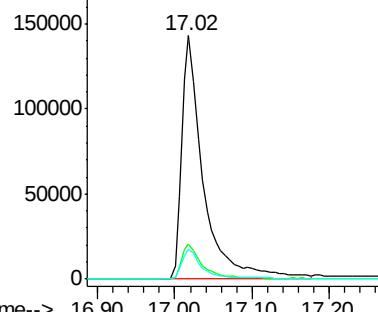
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	12.2	9.8	14.6

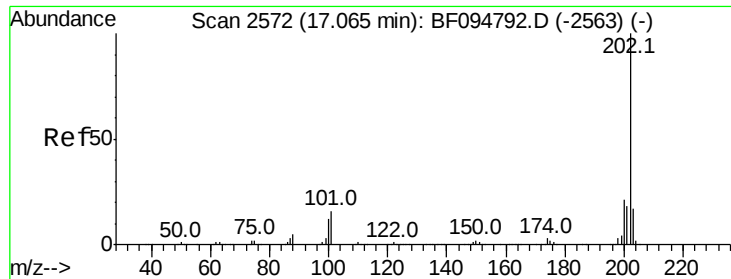


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.33 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

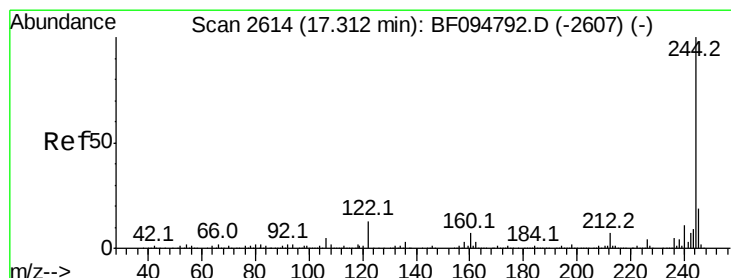
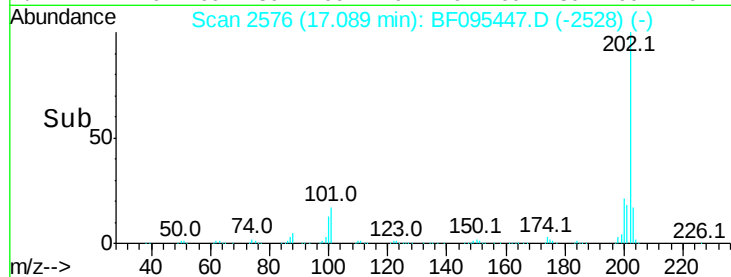
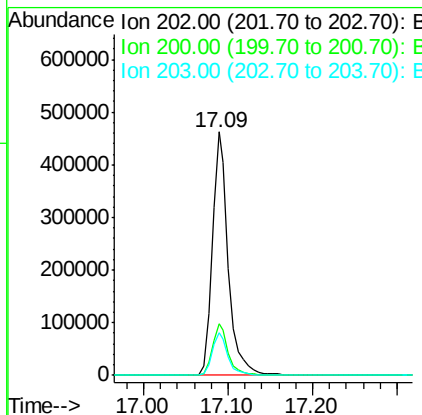
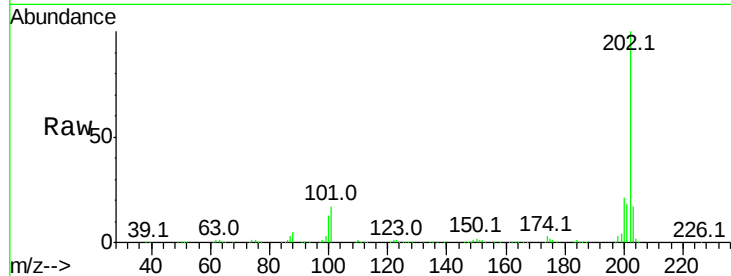
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	616580
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.6	26.4
203	17.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 81.33 ng

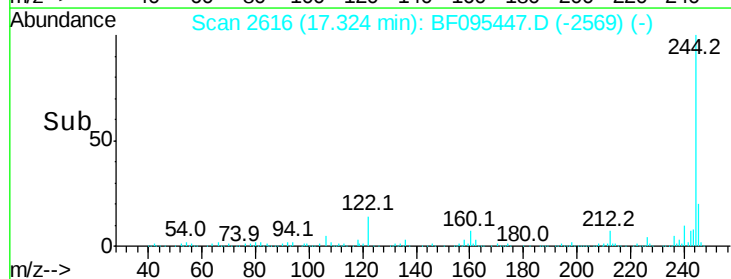
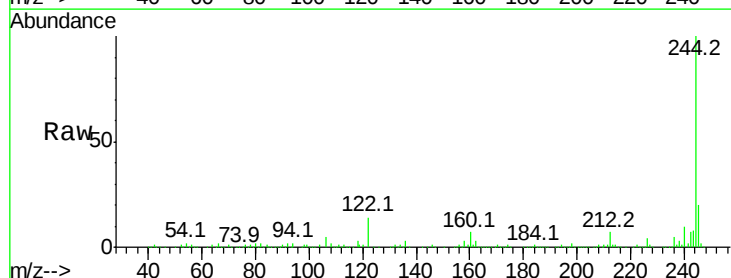
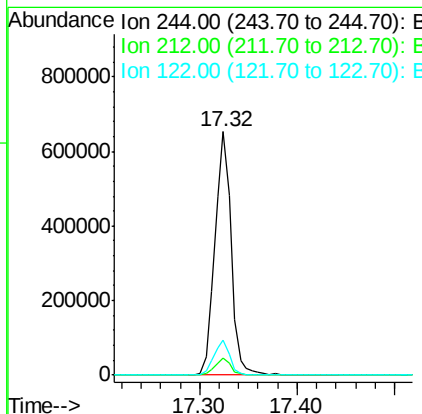
RT: 17.32 min Scan# 2616

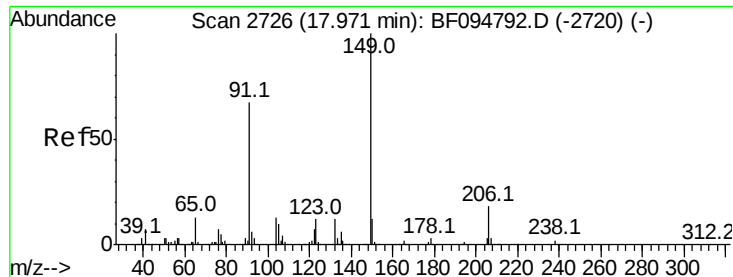
Delta R.T. -0.02 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	244	Resp:	754923
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	14.3	10.3	15.5





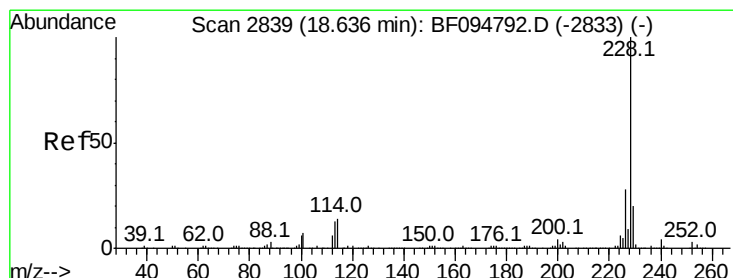
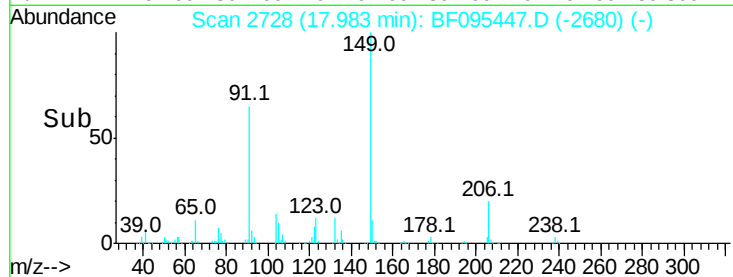
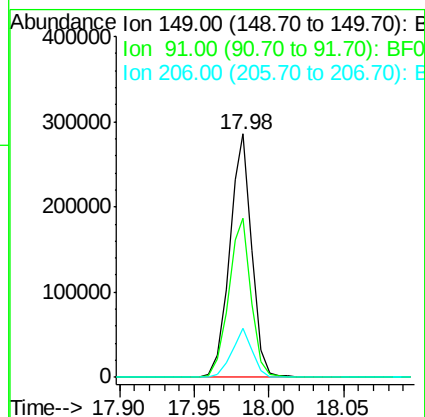
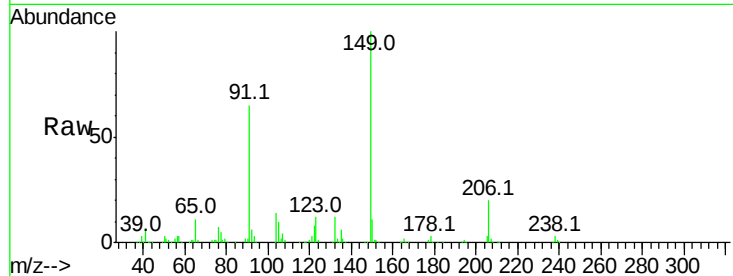
#79
Butylbenzylphthalate
Concen: 41.80 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	297262		
91	65.4	45.0	67.4	
206	19.9	17.0	25.6	

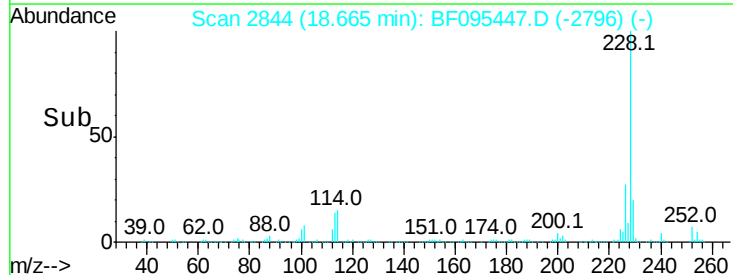
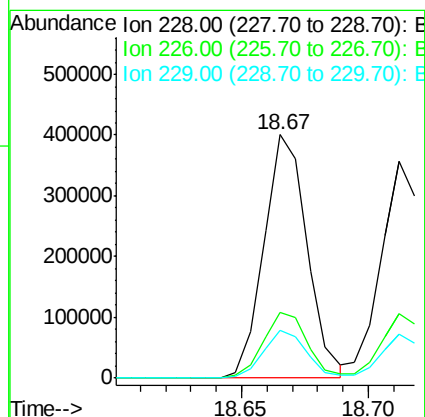
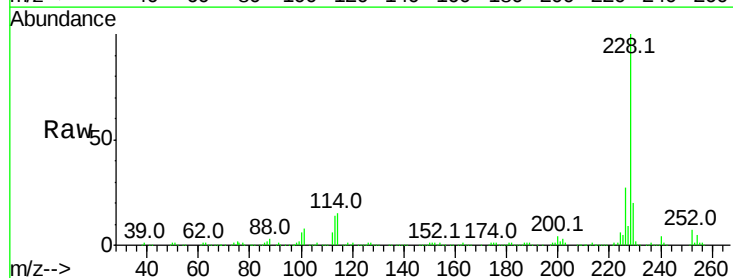
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#80
Benzo(a)anthracene
Concen: 39.74 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	472875		
226	27.1	22.6	33.8	
229	19.7	16.3	24.5	





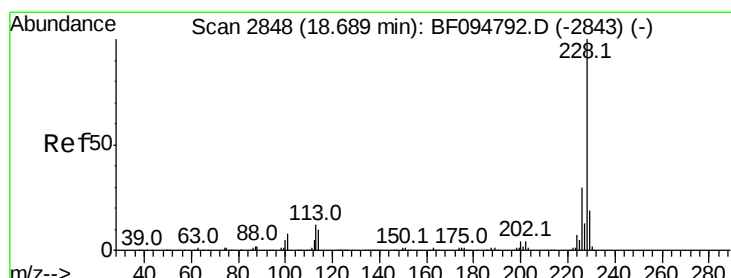
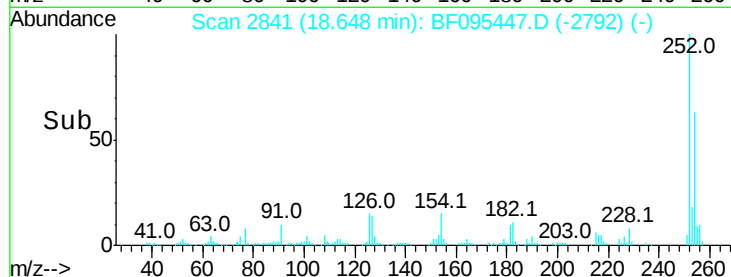
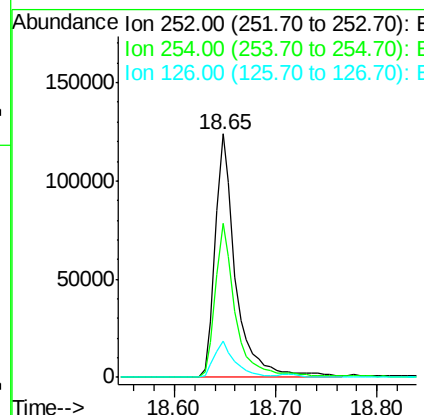
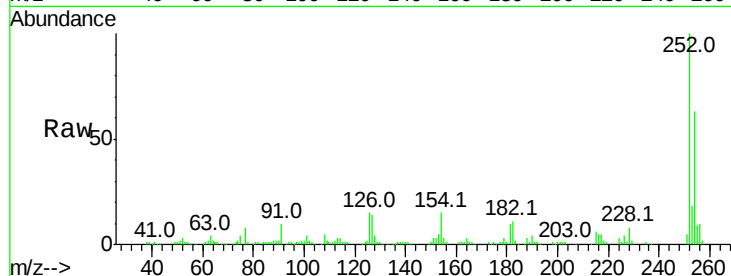
#81
 3,3'-Dichlorobenzidine
 Concen: 42.67 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	175359		
254	63.2	51.5	77.3	
126	14.7	15.8	23.8	

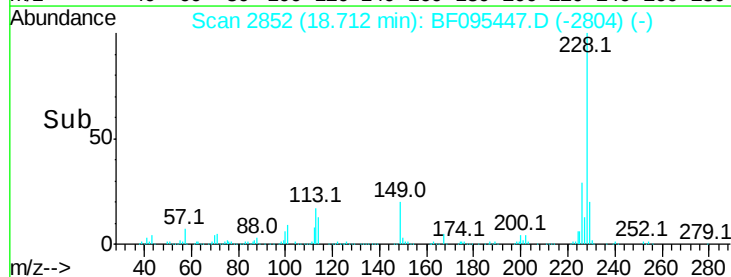
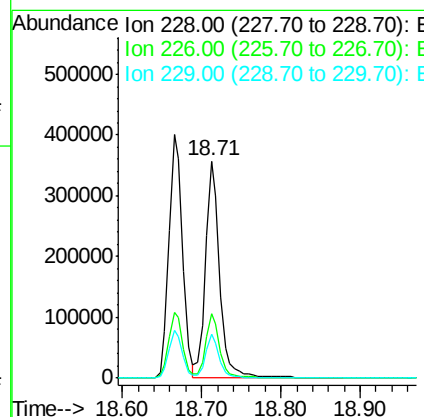
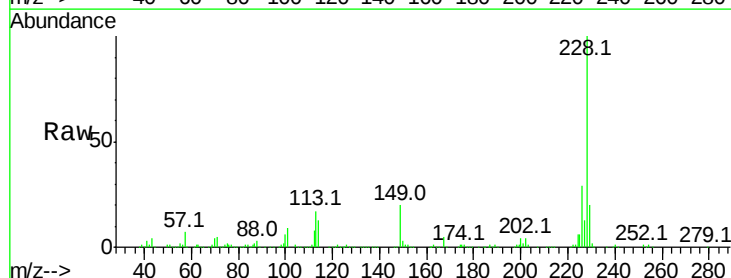
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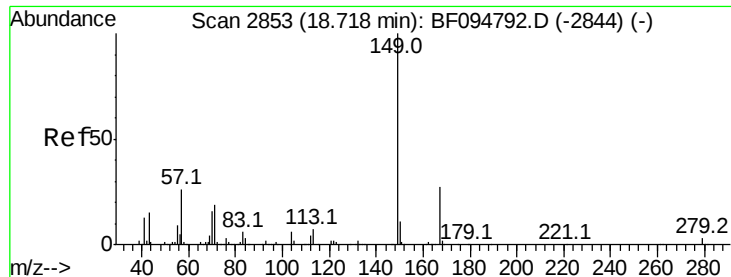
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#82
 Chrysene
 Concen: 39.03 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	449056		
226	29.5	24.9	37.3	
229	20.0	15.8	23.6	





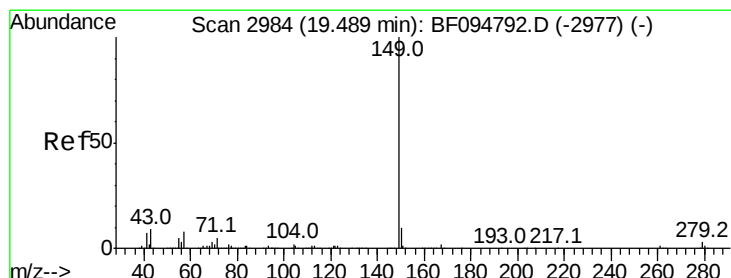
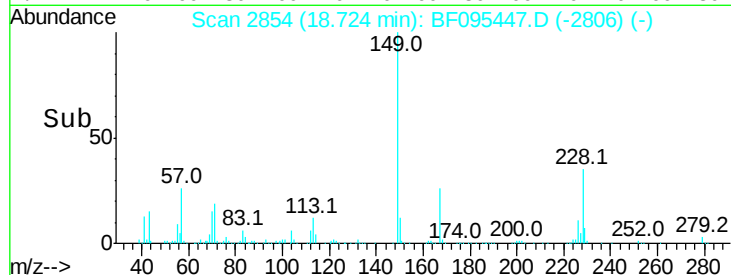
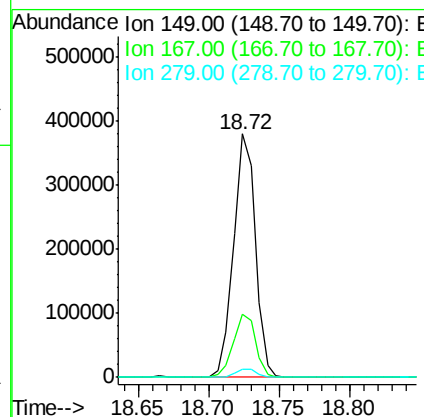
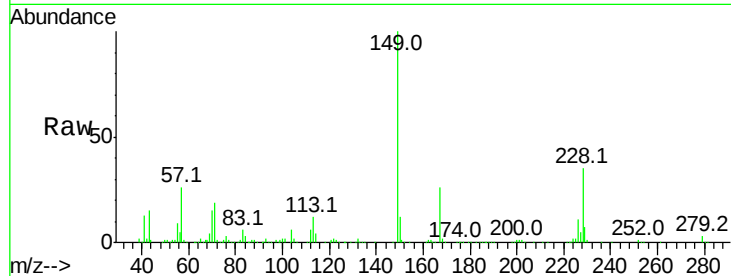
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.34 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.7	21.0	31.4	
279	3.1	1.9	2.9	

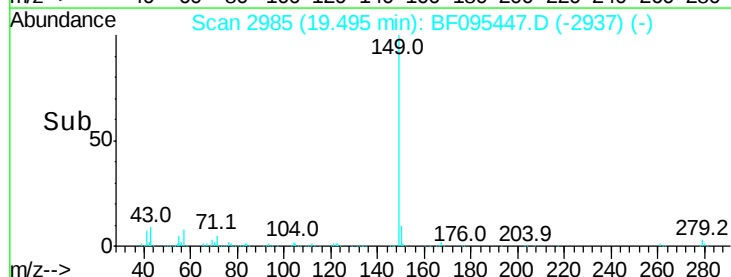
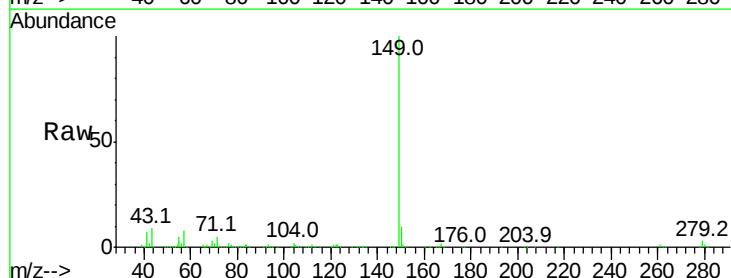
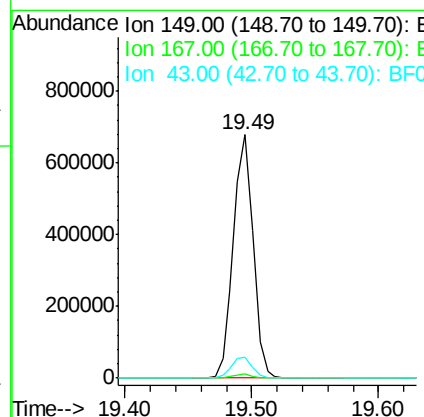
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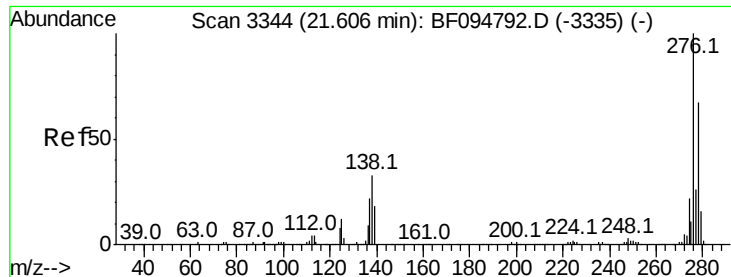
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#84
 Di-n-octyl phthalate
 Concen: 44.06 ng
 RT: 19.49 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.0	8.5	12.7	





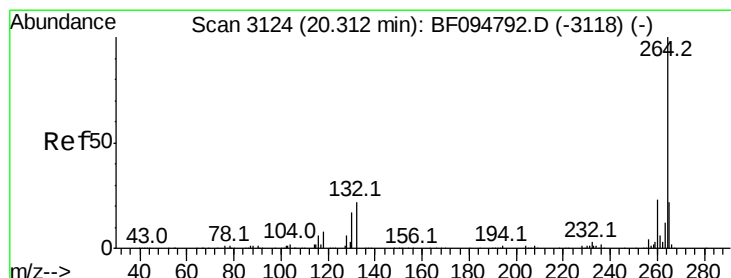
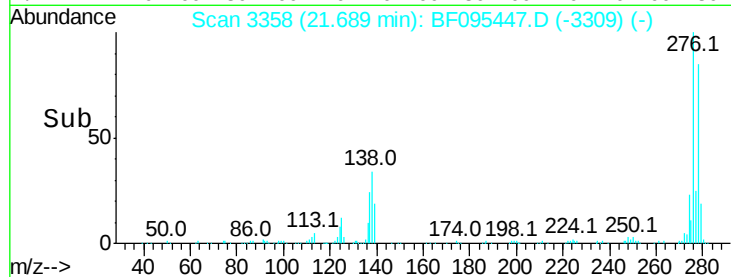
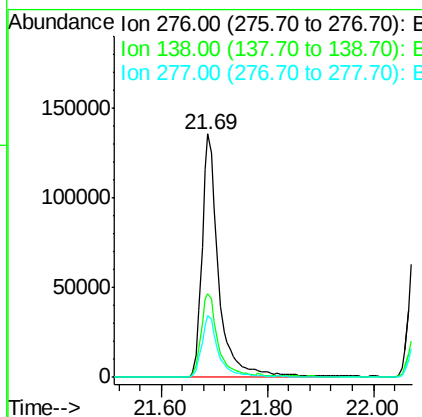
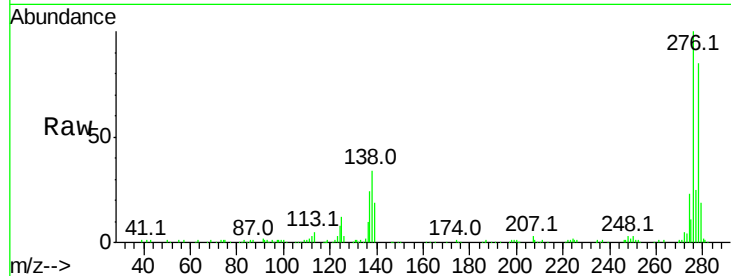
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.17 ng/ml
 RT: 21.69 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.1	20.2	30.4

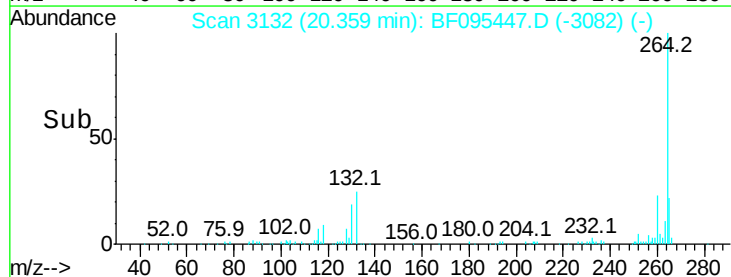
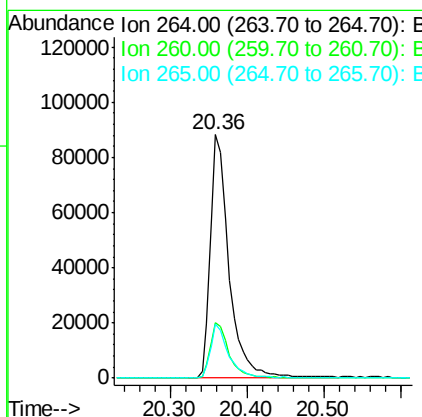
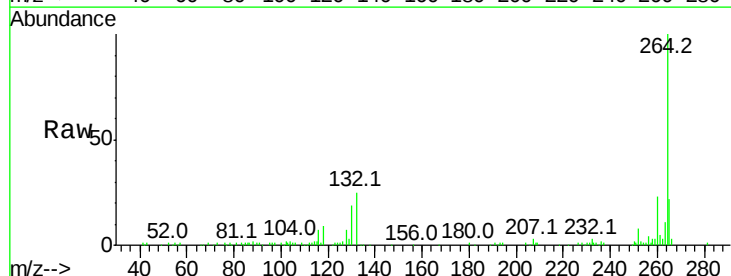
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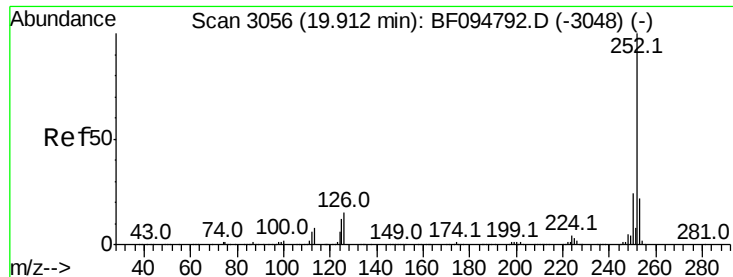
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.39 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Instrument :

BNA_F

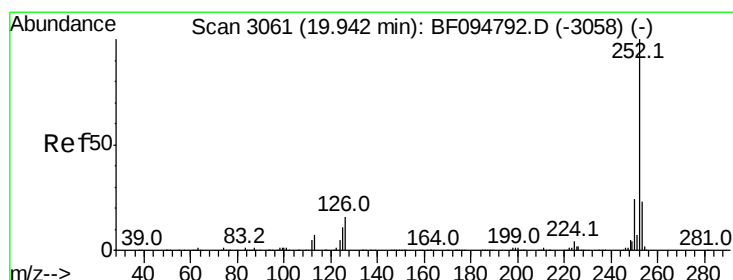
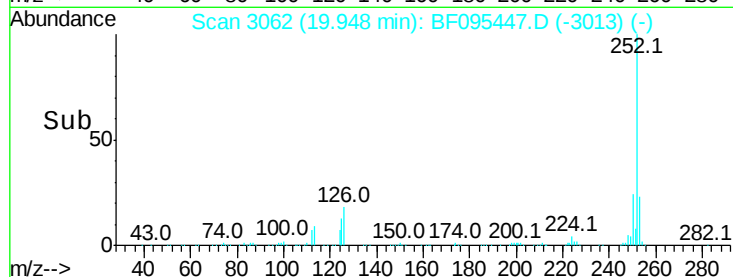
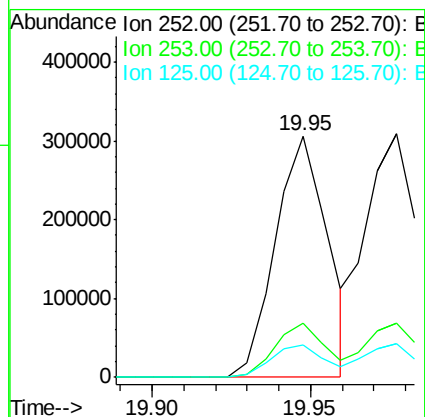
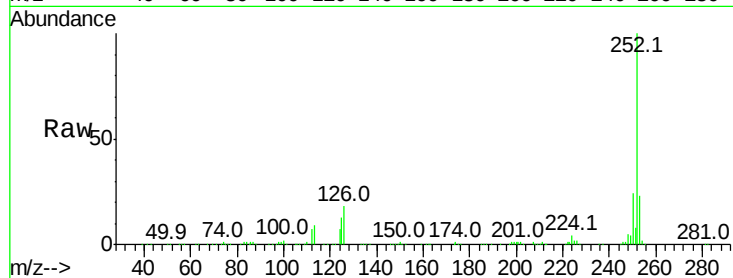
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	350594
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	13.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 46.57 ng

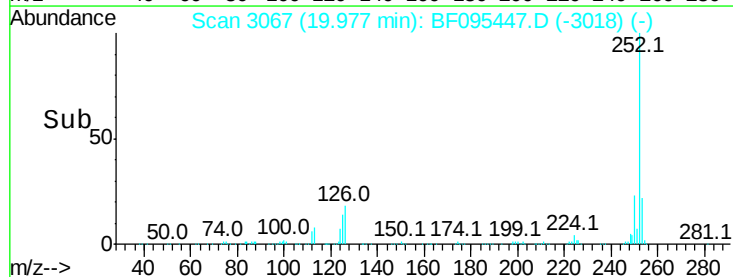
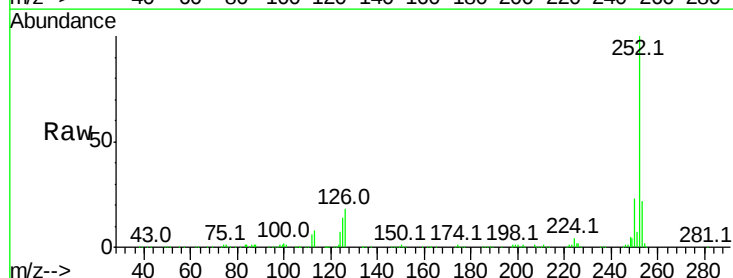
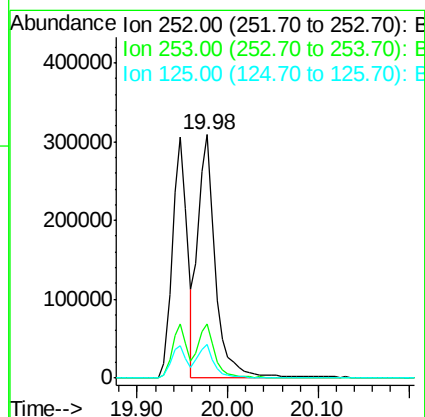
RT: 19.98 min Scan# 3067

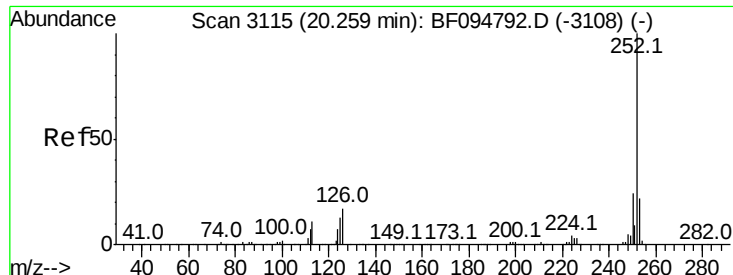
Delta R.T. -0.01 min

Lab File: BF095447.D

Acq: 26 May 2017 5:33

Tgt Ion:	252	Resp:	410160
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	13.6	13.1	19.7





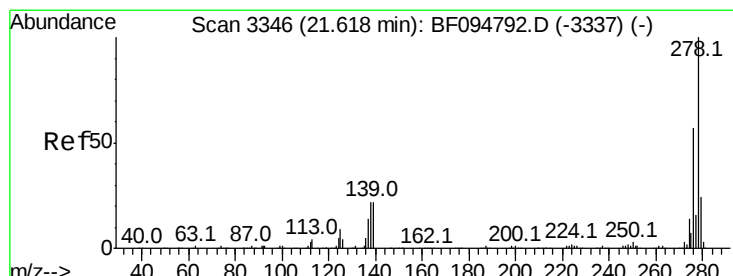
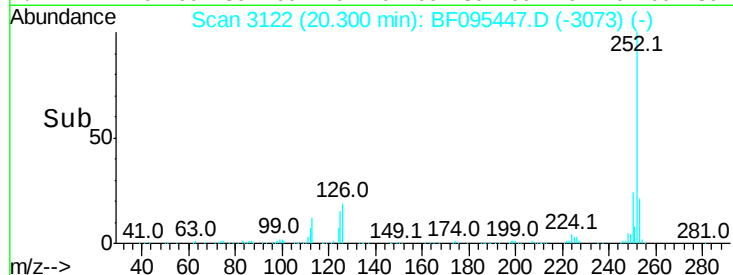
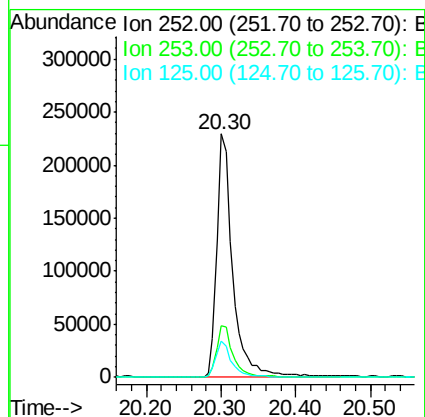
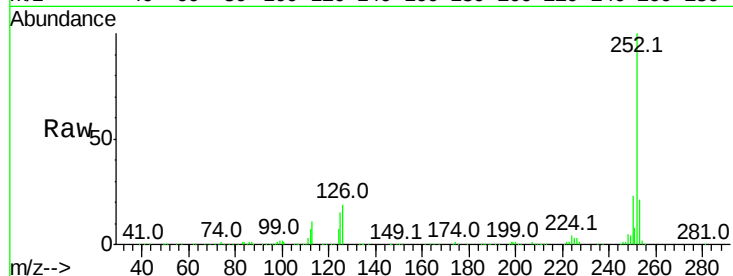
#89
Benzo(a)pyrene
Concen: 39.95 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	15.0	11.0	16.4

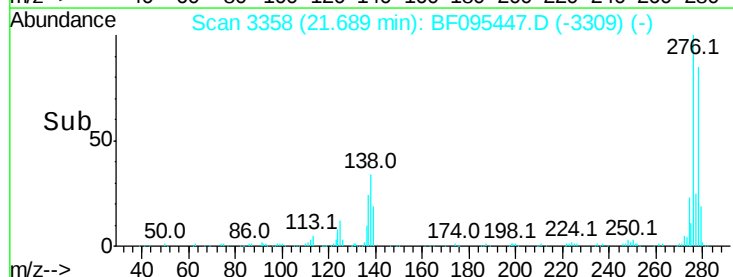
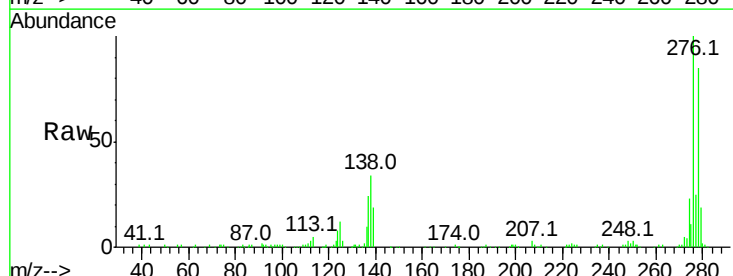
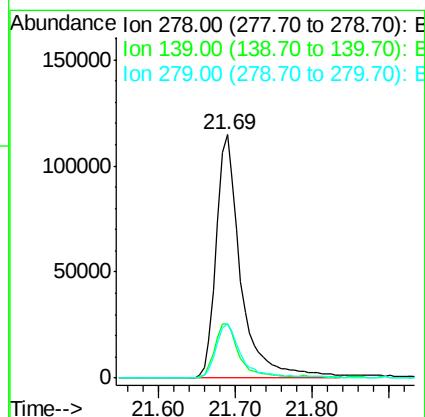
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#90
Dibenzo(a,h)anthracene
Concen: 36.52 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095447.D
Acq: 26 May 2017 5:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	22.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.91 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: BF095447.D
 Acq: 26 May 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	252085
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	30.4	25.4	38.0

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