

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095092.D
 Acq On : 11 May 2017 21:45
 Operator : SJ/MA
 Sample : I3062-14MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Manual Integrations
 APPROVED

mohammad
 5/12/2017 3:36:04 PM

Quant Time: May 12 04:11:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	85057	20.00	ng	-0.02
21) Naphthalene-d8	9.72	136	375015	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	181917	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	325049	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	266737	20.00	ng	-0.02
86) Perylene-d12	20.29	264	204488	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	809982	158.77	ng	-0.02
7) Phenol-d6	7.26	99	992398	162.12	ng	-0.02
23) Nitrobenzene-d5	8.61	82	600911	101.04	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	238042	159.78	ng	-0.02
44) 2-Fluorobiphenyl	11.50	172	1233302	97.58	ng	-0.03
78) Terphenyl-d14	17.28	244	1072795	88.59	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	107337	42.90	ng	96
3) Pyridine	2.78	79	229317	39.54	ng	97
4) n-Nitrosodimethylamine	2.70	42	108973	45.08	ng	84
6) Aniline	7.21	93	179513	23.23	ng	95
8) 2-Chlorophenol	7.40	128	294792	50.77	ng	96
9) Benzaldehyde	7.05	77	28613	7.66	ng	95
10) Phenol	7.28	94	332334	51.52	ng	89
11) bis(2-Chloroethyl)ether	7.34	93	251418	47.21	ng	96
12) 1,3-Dichlorobenzene	7.61	146	303336	46.05	ng	99
13) 1,4-Dichlorobenzene	7.73	146	314051	47.01	ng	95
14) 1,2-Dichlorobenzene	7.97	146	299702	48.07	ng	97
15) Benzyl Alcohol	8.00	79	227194	57.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	345083	45.78	ng	93
17) 2-Methylphenol	8.22	107	242205	50.97	ng	98
18) Hexachloroethane	8.48	117	106451	47.04	ng	# 84
19) n-Nitroso-di-n-propylamine	8.42	70	204070	49.29	ng	95
20) 3+4-Methylphenols	8.48	107	317684	49.20	ng	# 59
22) Acetophenone	8.38	105	414161	46.03	ng	# 84
24) Nitrobenzene	8.64	77	294152	47.19	ng	92
25) Isophorone	9.04	82	527562	49.68	ng	95
26) 2-Nitrophenol	9.15	139	169341	50.35	ng	99
27) 2,4-Dimethylphenol	9.28	122	261421	48.07	ng	99
28) bis(2-Chloroethoxy)methane	9.41	93	349068	47.52	ng	100
29) 2,4-Dichlorophenol	9.57	162	256922	50.03	ng	98
30) 1,2,4-Trichlorobenzene	9.65	180	258050	46.91	ng	99
31) Naphthalene	9.76	128	881939	46.79	ng	99
32) Benzoic acid	9.60	122	105789	31.57	ng	94
33) 4-Chloroaniline	9.94	127	48891	6.96	ng	# 92
34) Hexachlorobutadiene	9.98	225	128407	44.24	ng	96
35) Caprolactam	10.54	113	85105m	55.19	ng	
36) 4-Chloro-3-methylphenol	10.77	107	290424	52.90	ng	92
37) 2-Methylnaphthalene	10.88	142	632764	51.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	253062	45.23	ng	100
40) Hexachlorocyclopentadiene	11.14	237	193581	82.13	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.38	196	183784	49.20	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	173827	43.30	nq	93
45) 1,1'-Biphenyl	11.65	154	697819	45.56	nq	98
46) 2-Chloronaphthalene	11.67	162	559705	45.26	nq	95
47) 2-Nitroaniline	11.88	65	151262	44.69	nq	# 85
48) Acenaphthylene	12.32	152	909986	46.98	nq	99
49) Dimethylphthalate	12.20	163	891819	59.72	nq	100
50) 2,6-Dinitrotoluene	12.30	165	149421	49.04	nq	94
51) Acenaphthene	12.61	154	537384	46.45	nq	99
52) 3-Nitroaniline	12.58	138	64650	19.77	nq	92
53) 2,4-Dinitrophenol	12.77	184	118899	71.57	nq	# 72
54) Dibenzofuran	12.89	168	827468	51.68	nq	100
55) 4-Nitrophenol	12.95	139	182687	93.01	nq	# 71
56) 2,4-Dinitrotoluene	12.96	165	207197	52.92	nq	# 85
57) Fluorene	13.45	166	661278	47.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	138802	54.94	nq	# 95
59) Diethylphthalate	13.35	149	649714	45.39	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	288707	47.18	nq	89
61) 4-Nitroaniline	13.57	138	141993	47.30	nq	95
62) Azobenzene	13.74	77	609847	53.02	nq	94
64) 4,6-Dinitro-2-methylphenol	13.62	198	102347	46.97	nq	# 69
65) n-Nitrosodiphenylamine	13.69	169	562650	47.69	nq	99
66) 4-Bromophenyl-phenylether	14.26	248	166723	48.55	nq	99
67) Hexachlorobenzene	14.35	284	168274	47.81	nq	# 89
68) Atrazine	14.61	200	172235	51.71	nq	98
69) Pentachlorophenol	14.70	266	127198	79.94	nq	96
70) Phenanthrene	15.00	178	900109	48.20	nq	98
71) Anthracene	15.08	178	953970	50.01	nq	98
72) Carbazole	15.36	167	900119	51.86	nq	97
73) Di-n-butylphthalate	15.92	149	1064561	49.18	nq	99
74) Fluoranthene	16.74	202	950601	49.62	nq	98
76) Benzidine	16.96	184	280825	40.17	nq	# 93
77) Pyrene	17.04	202	970908	48.67	nq	99
79) Butylbenzylphthalate	17.94	149	448583	48.34	nq	# 86
80) Benzo(a)anthracene	18.62	228	738460	47.57	nq	98
81) 3,3'-Dichlorobenzidine	18.60	252	131792	24.58	nq	# 96
82) Chrysene	18.66	228	704830	46.96	nq	99
83) Bis(2-ethylhexyl)phthalate	18.68	149	639316	48.36	nq	# 99
84) Di-n-octyl phthalate	19.45	149	1010548	46.62	nq	95
85) Indeno(1,2,3-cd)pyrene	21.58	276	558730	45.84	nq	99
87) Benzo(b)fluoranthene	19.89	252	591433	46.81	nq	98
88) Benzo(k)fluoranthene	19.92	252	616357	50.57	nq	# 96
89) Benzo(a)pyrene	20.24	252	552431	47.38	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	462503	48.03	nq	98
91) Benzo(g,h,i)perylene	21.95	276	475665	50.34	nq	97

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

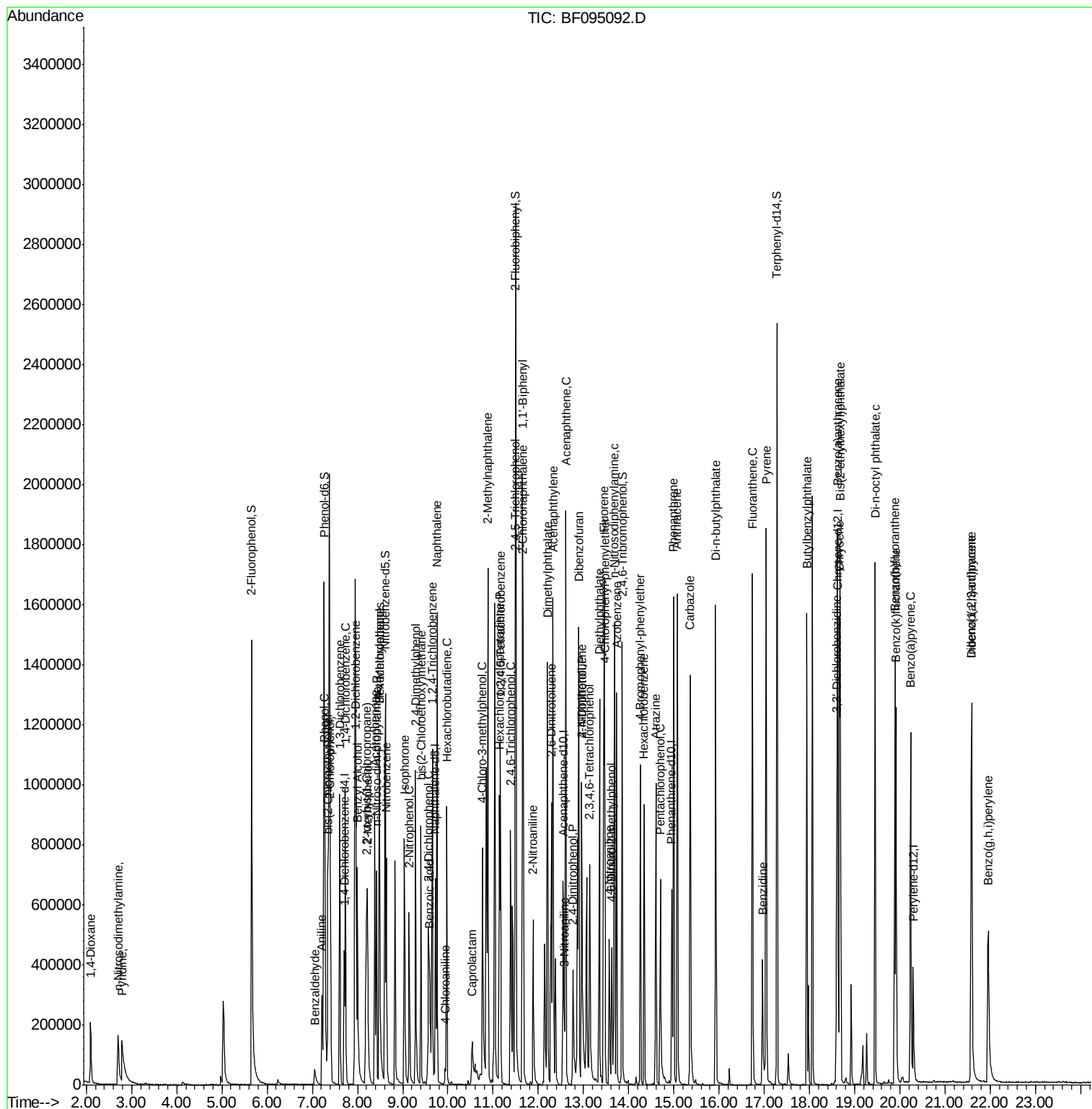
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
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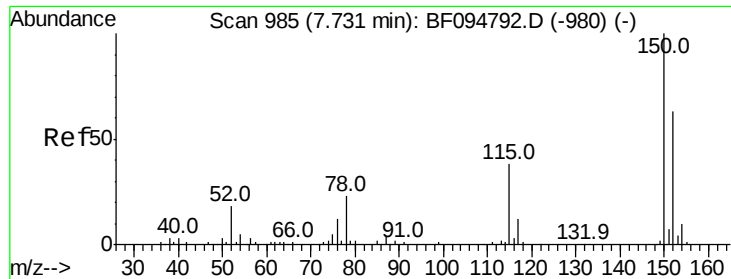
Instrument :
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#1

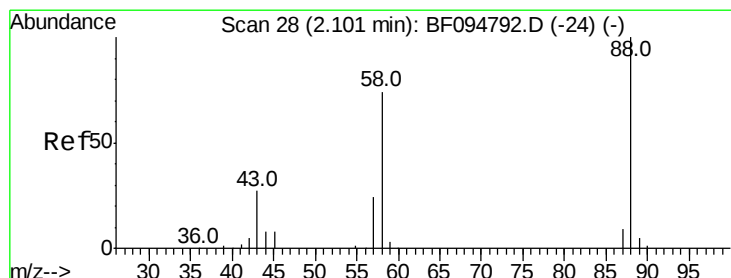
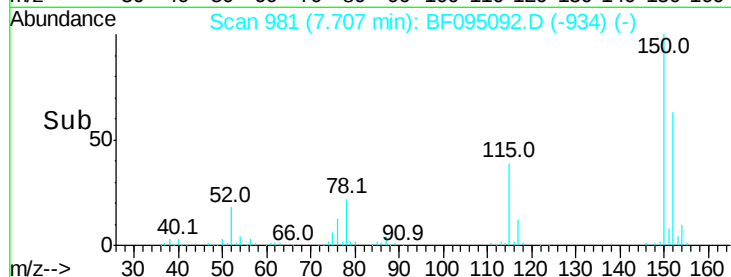
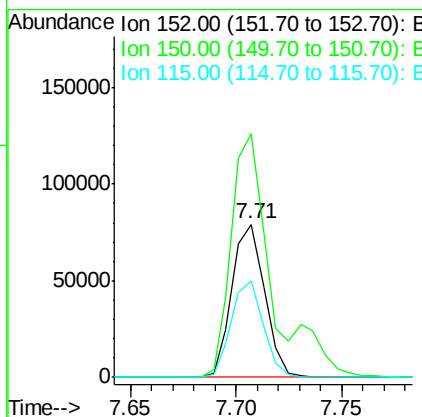
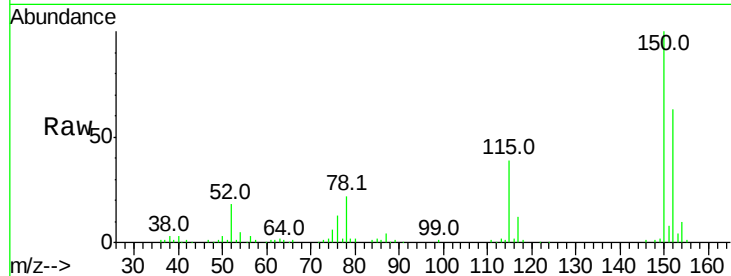
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	62.7	52.2	78.2

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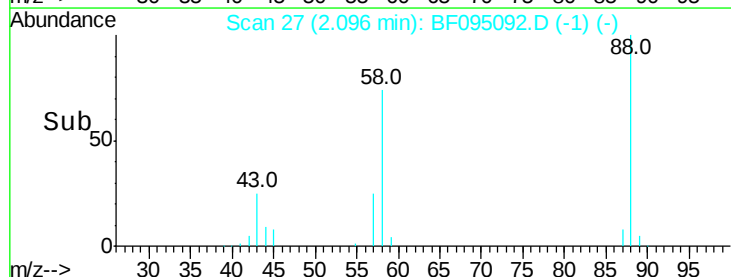
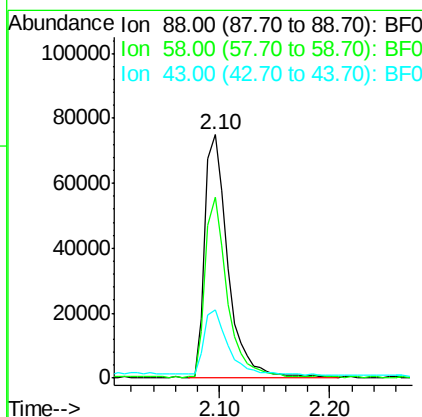
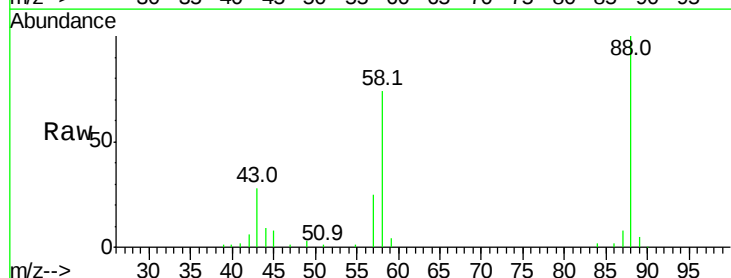
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#2

1,4-Dioxane
Concen: 42.90 ng
RT: 2.10 min Scan# 27
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	61.4	92.0
43	29.8	23.4	35.0





#3

Pvridine

Concen: 39.54 ng

RT: 2.78 min Scan# 143

Delta R.T. 0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

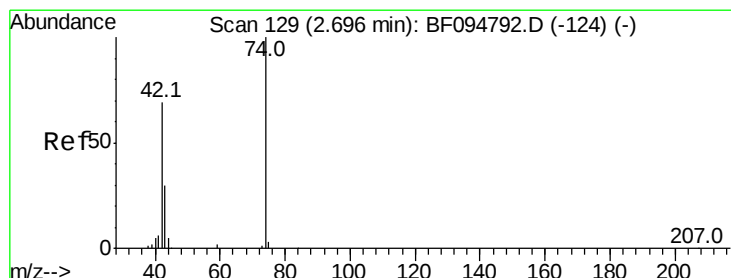
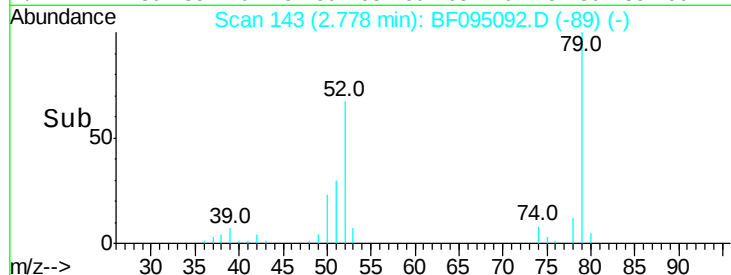
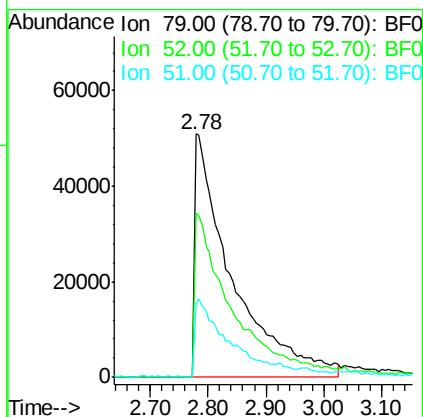
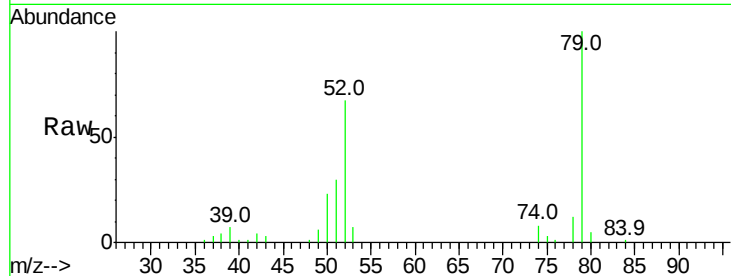
ClientSampleId :

SB-03-COMPMS

Tot Ion:	79	Resp:	229317
Ion Ratio	Lower	Upper	
79	100		
52	67.3	54.8	82.2
51	30.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 45.08 ng

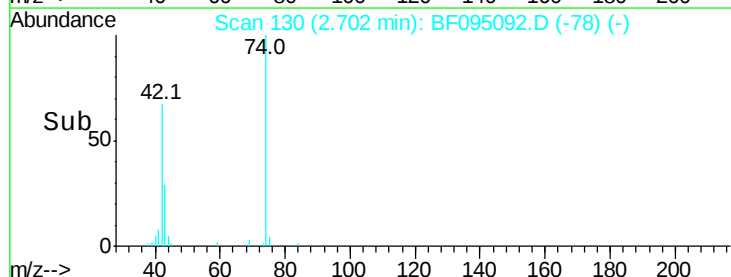
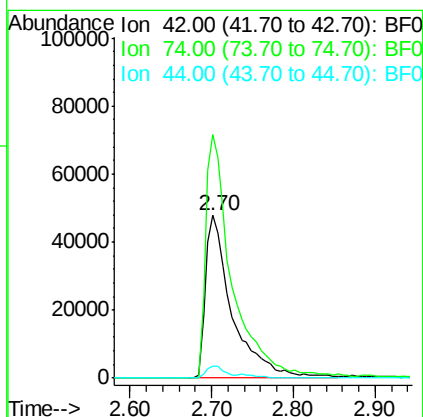
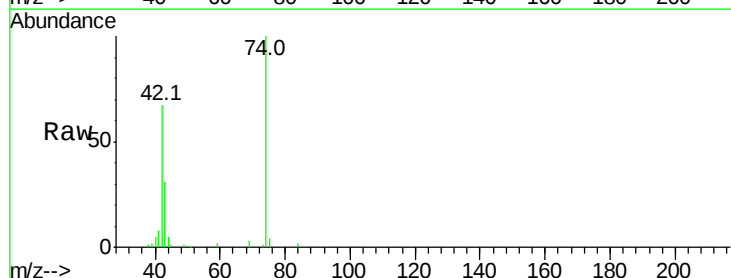
RT: 2.70 min Scan# 130

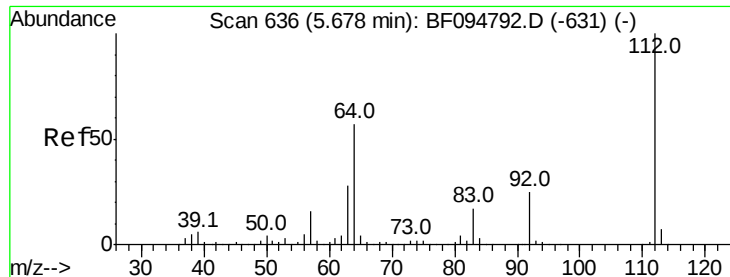
Delta R.T. 0.01 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	42	Resp:	108973
Ion Ratio	Lower	Upper	
42	100		
74	149.6	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 158.77 ng

RT: 5.66 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

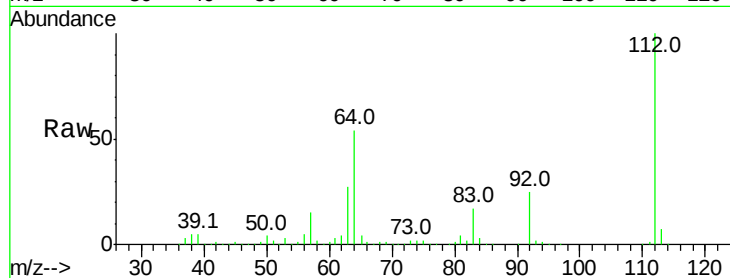
ClientSampleId :

SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	809982		
64	54.2	46.0	69.0	
63	26.6	23.4	35.0	

Manual Integrations
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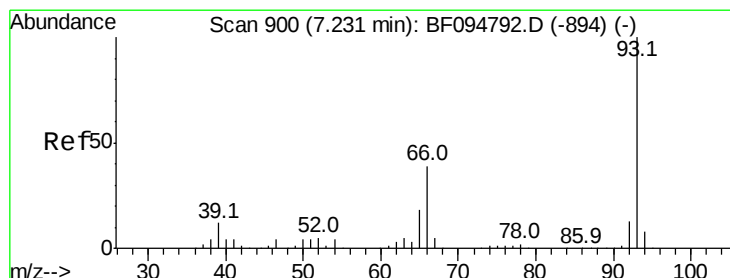
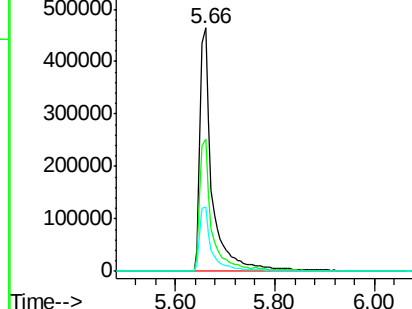
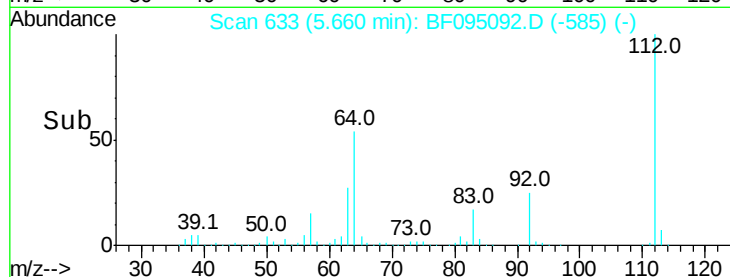
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.23 ng

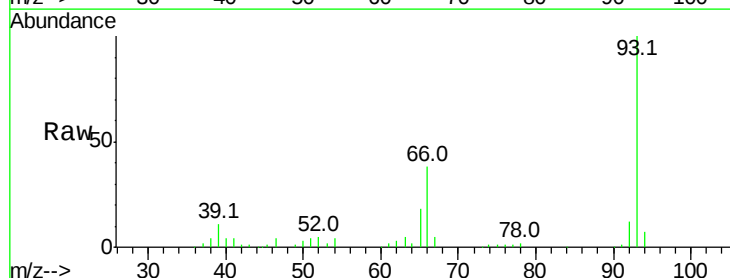
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

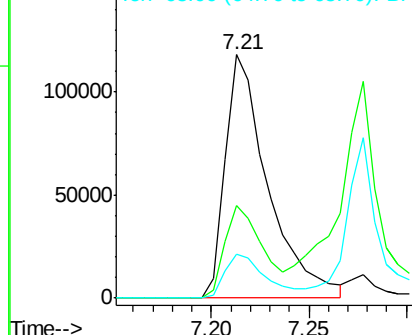
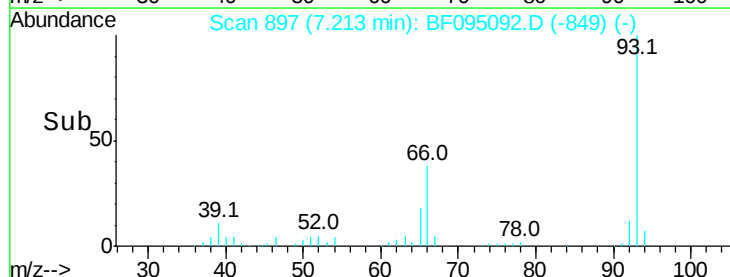
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179513		
66	37.8	32.9	49.3	
65	18.2	16.0	24.0	



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 162.12 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

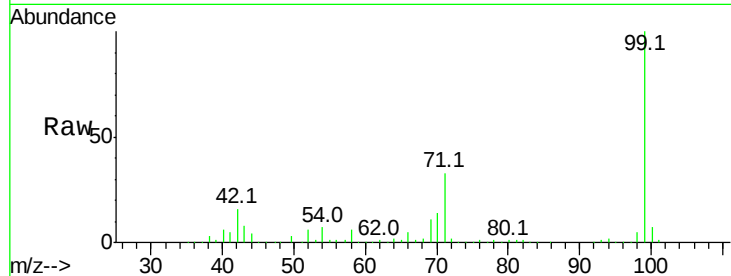
ClientSampleId :

SB-03-COMPMS

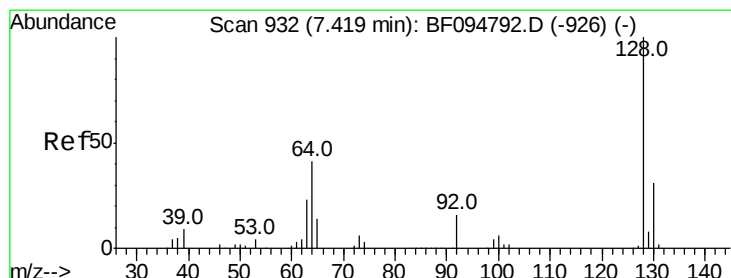
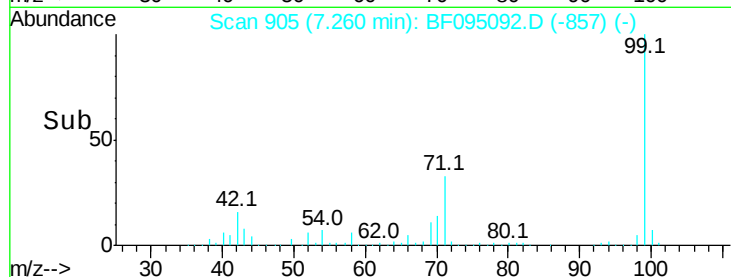
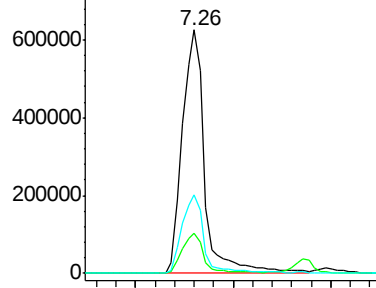
Tot Ion:	99	Resp:	992398
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	32.5	24.5	36.7

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



#8

2-Chlorophenol

Concen: 50.77 ng

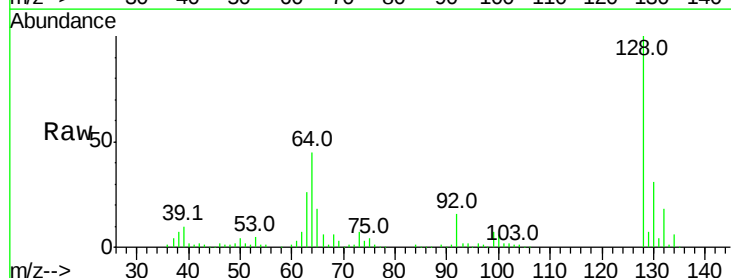
RT: 7.40 min Scan# 928

Delta R.T. -0.02 min

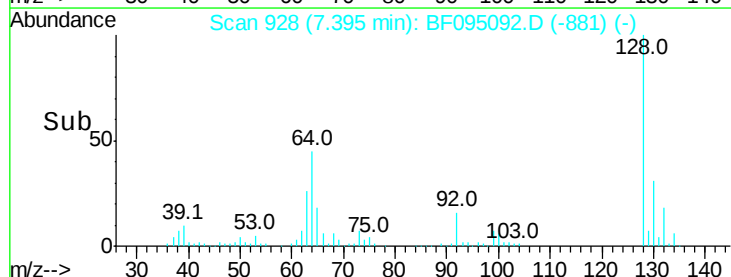
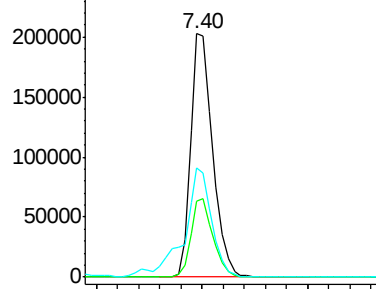
Lab File: BF095092.D

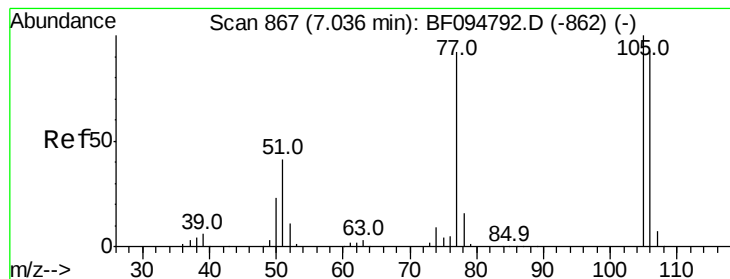
Acq: 11 May 2017 21:45

Tgt Ion:	128	Resp:	294792
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	44.7	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: 7.66 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

ClientSampleId :

SB-03-COMPMS

Tot Ion: 77 Resp: 28613

Ion Ratio Lower Upper

77 100

105 105.5 83.8 123.8

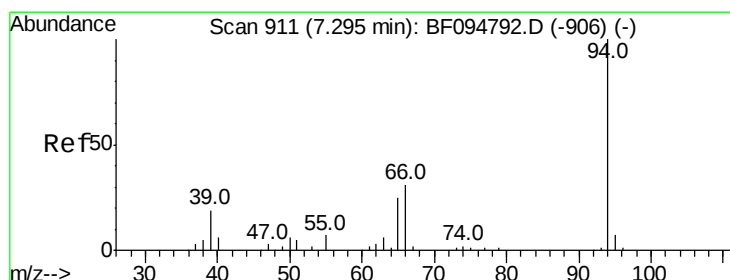
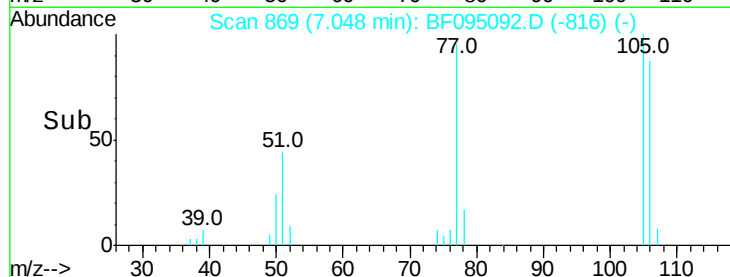
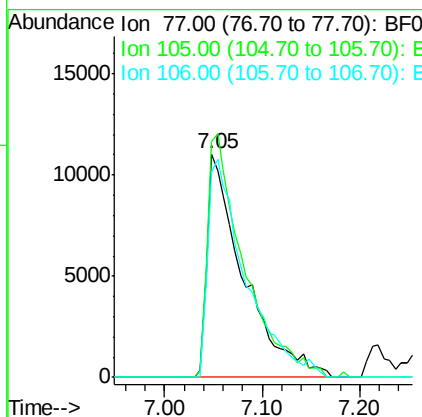
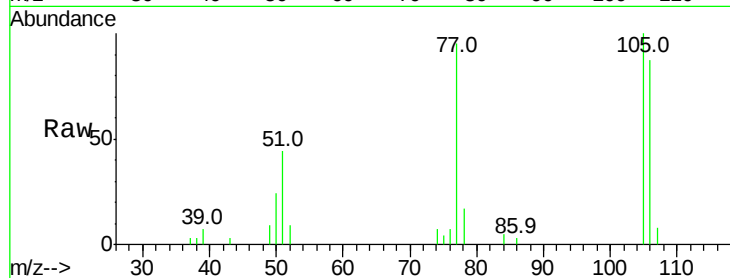
106 91.6 79.1 119.1

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#10

Phenol

Concen: 51.52 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

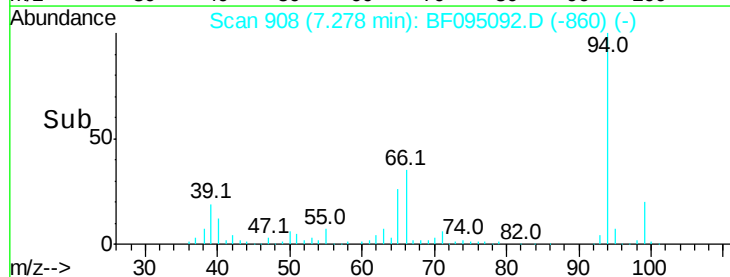
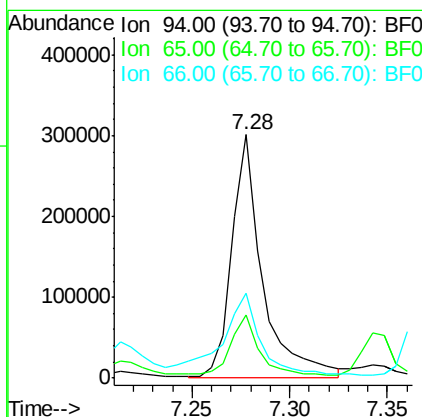
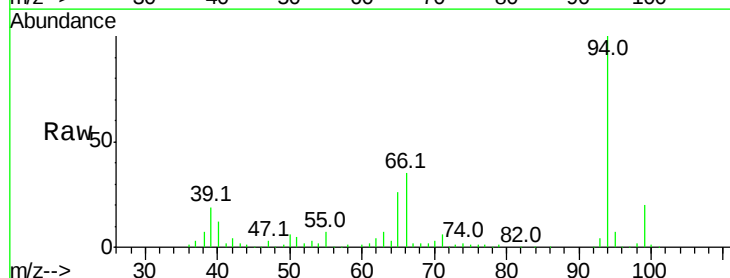
Tgt Ion: 94 Resp: 332334

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

66 35.0 23.1 63.1





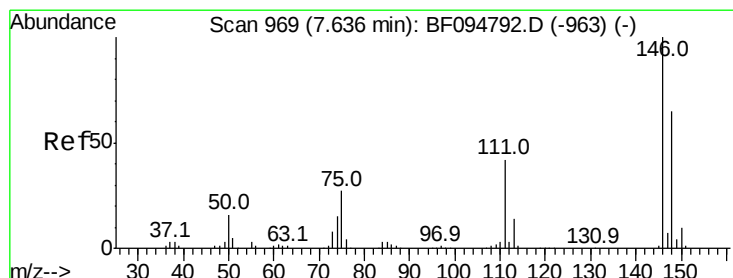
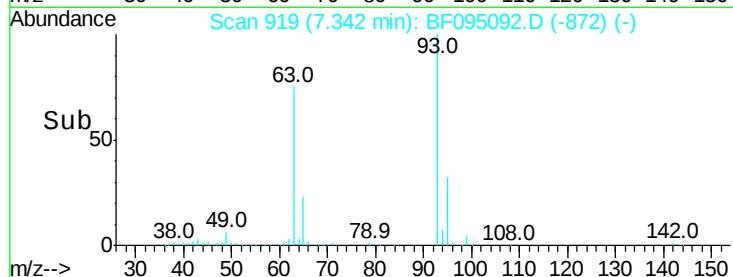
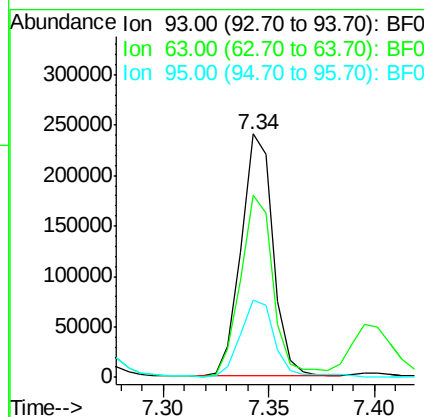
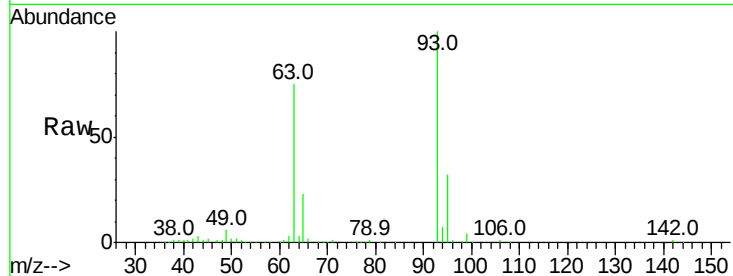
#11
 bis(2-Chloroethyl)ether
 Concen: 47.21 ng
 RT: 7.34 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion:	93	Resp:	251418
Ion Ratio	Lower	Upper	
93	100		
63	74.6	59.2	99.2
95	31.6	12.8	52.8

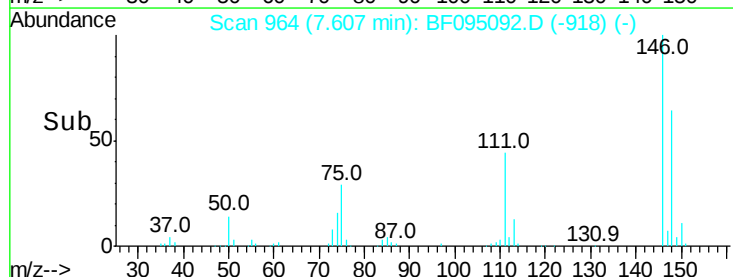
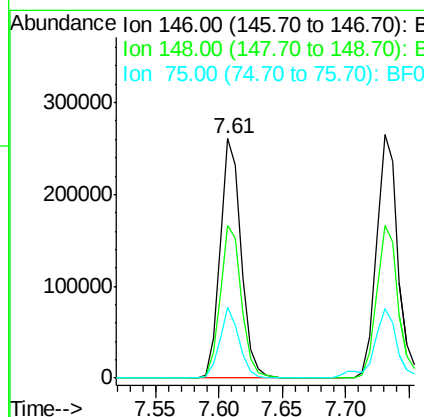
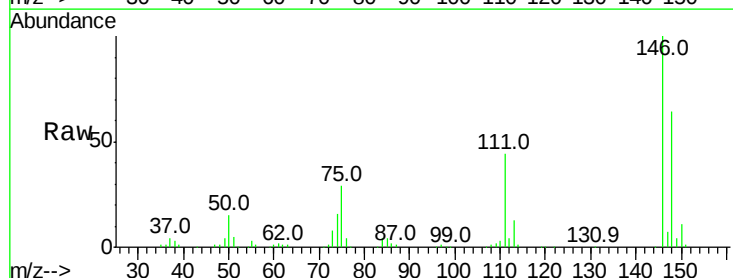
Manual Integrations
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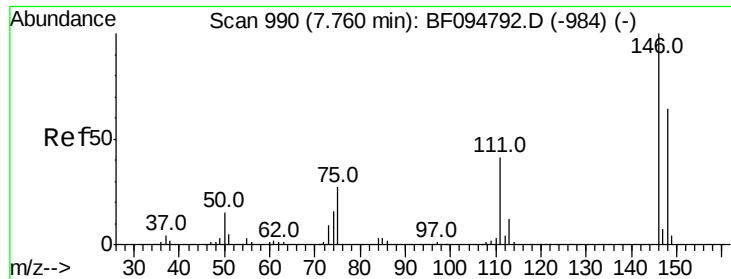
mohammad
 5/12/2017 3:36:04 PM



#12
 1,3-Dichlorobenzene
 Concen: 46.05 ng
 RT: 7.61 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion:	146	Resp:	303336
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	29.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 47.01 ng

RT: 7.73 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

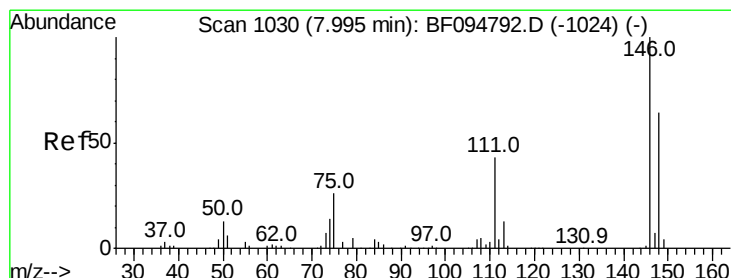
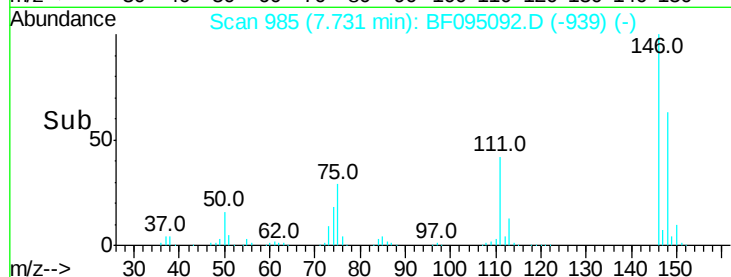
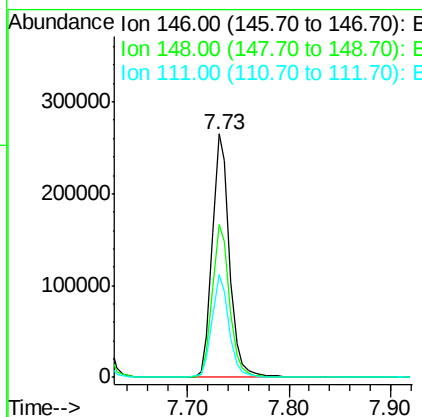
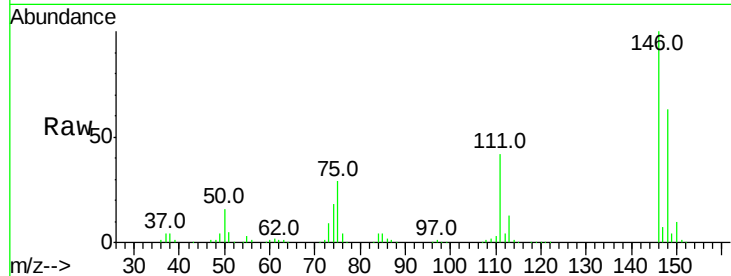
ClientSampleId :

SB-03-COMPMS

Tot Ion:	146	Resp:	314051
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	42.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 48.07 ng

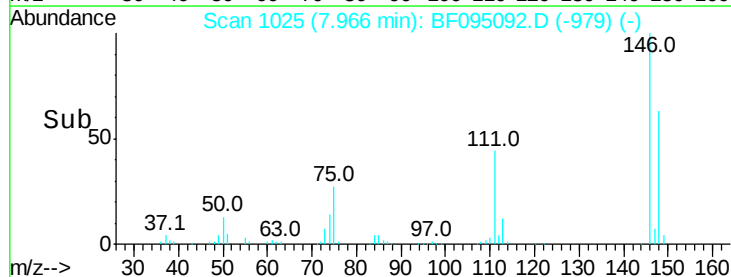
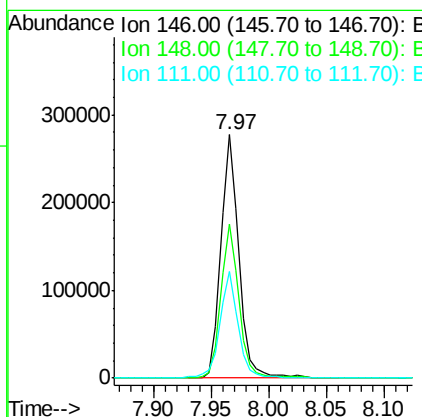
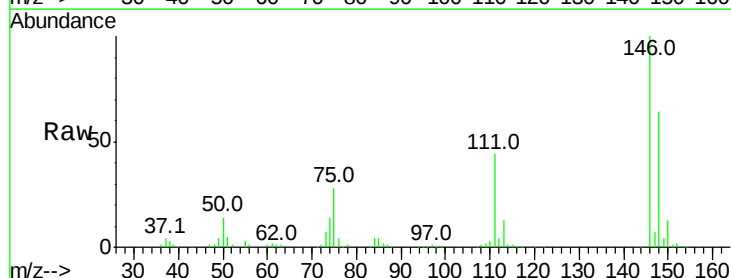
RT: 7.97 min Scan# 1025

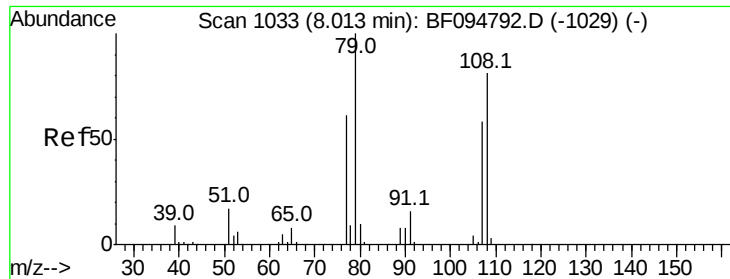
Delta R.T. -0.03 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	146	Resp:	299702
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
111	44.0	38.2	57.4





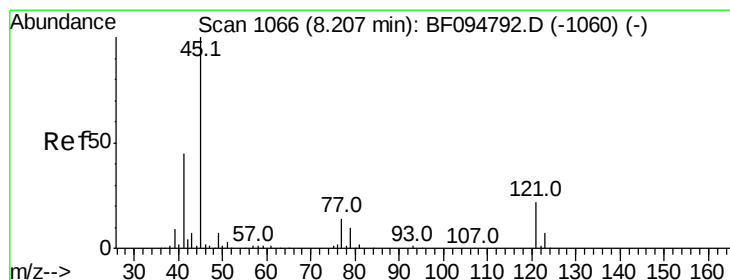
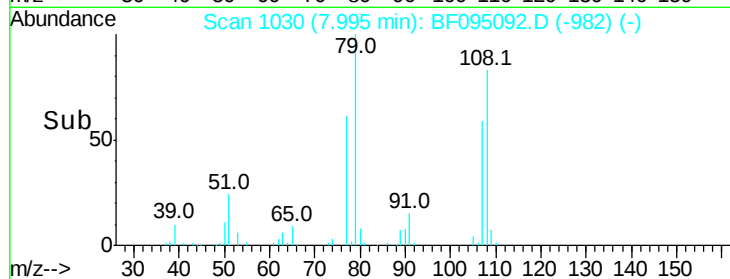
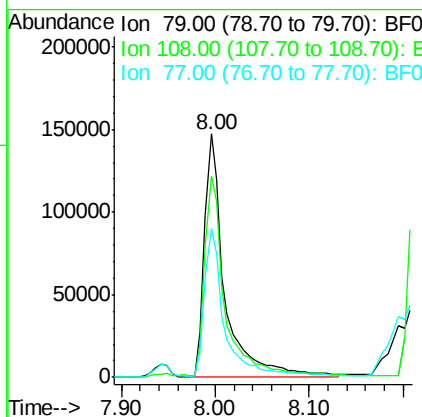
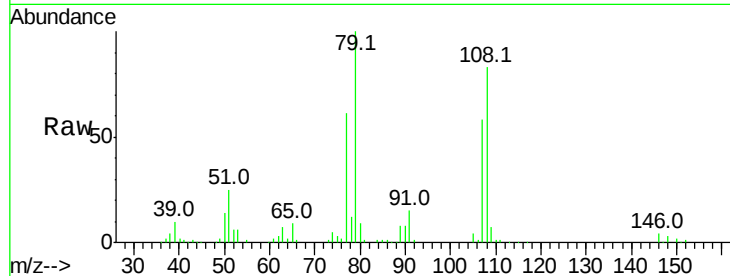
#15
Benzyl Alcohol
Concen: 57.71 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	63.4	95.0
77	61.1	49.2	73.8

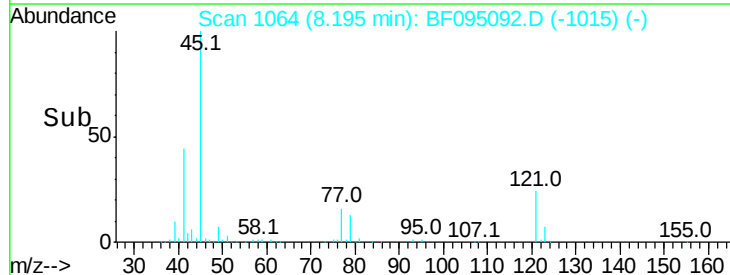
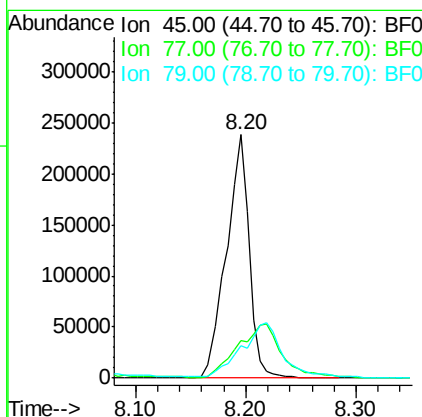
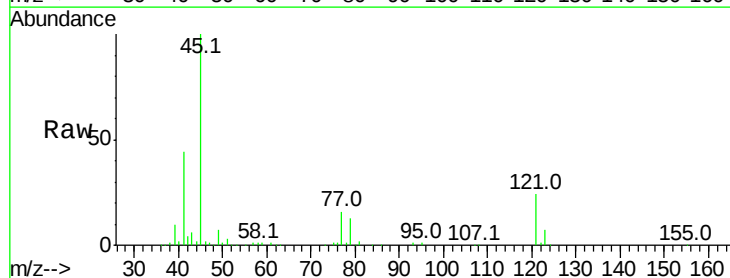
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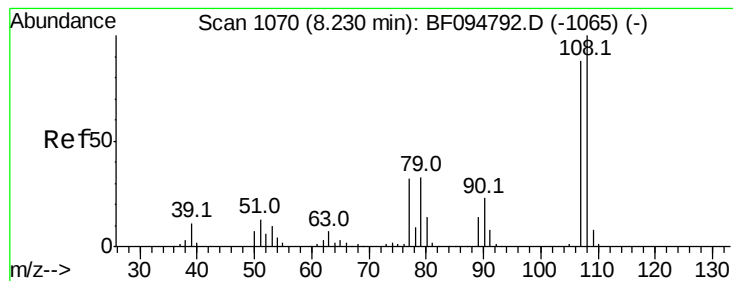
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.78 ng
RT: 8.20 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	33.2
79	13.2	0.0	30.0





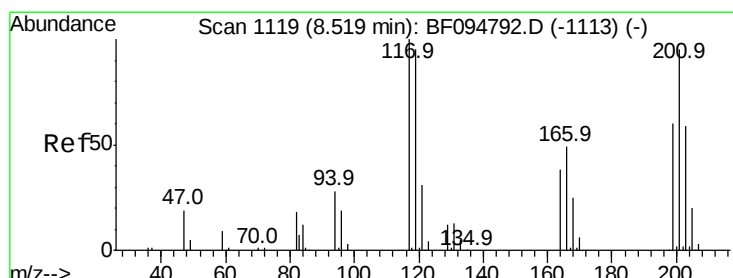
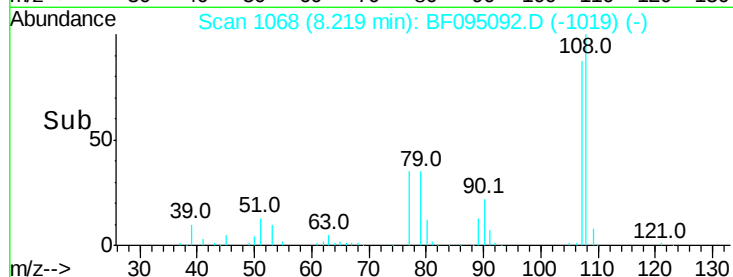
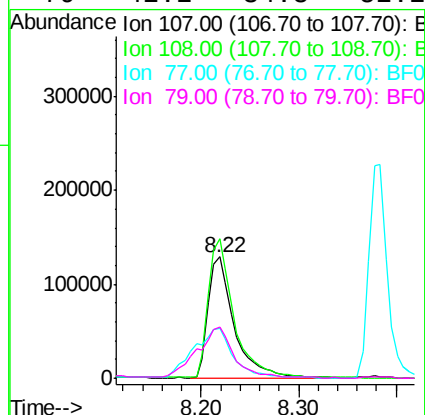
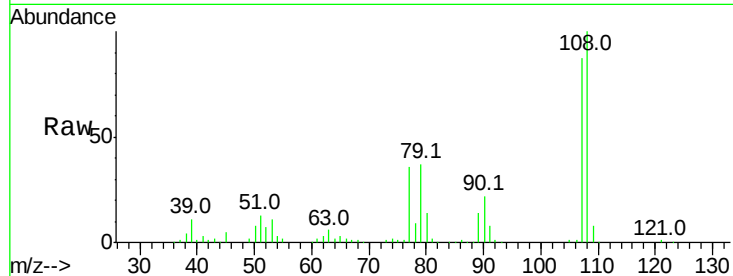
#17
2-Methylphenol
Concen: 50.97 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	242205		
108	114.9	93.4	140.0	
77	41.5	35.8	53.6	
79	42.2	34.8	52.2	

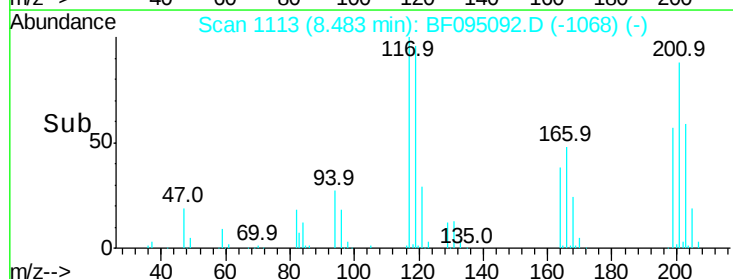
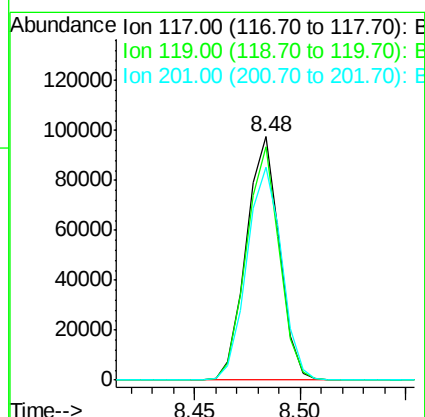
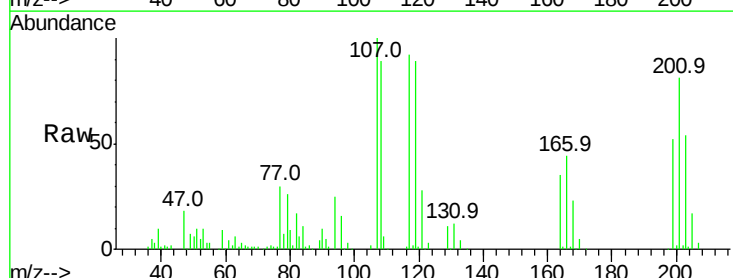
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#18
Hexachloroethane
Concen: 47.04 ng
RT: 8.48 min Scan# 1113
Delta R.T. -0.04 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106451		
119	96.0	77.4	116.0	
201	87.5	94.6	141.8#	





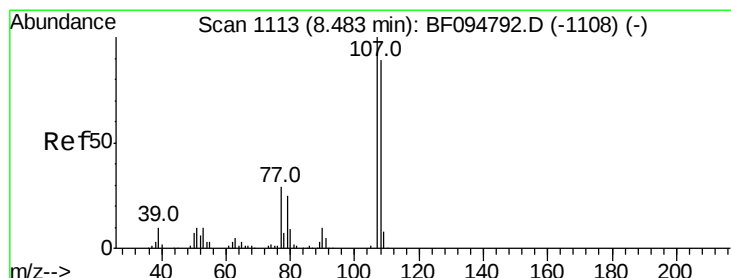
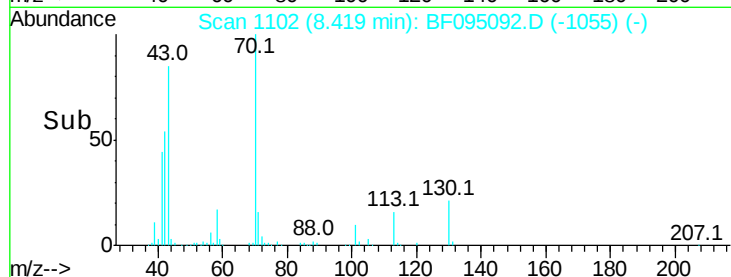
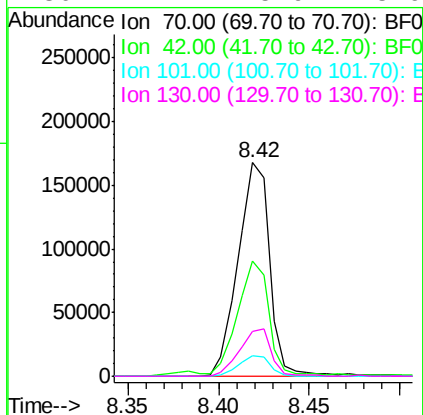
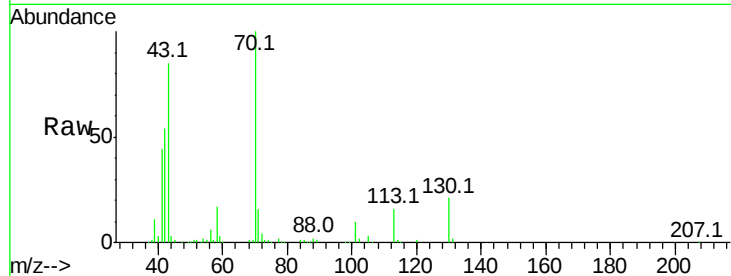
#19
n-Nitroso-di-n-propylamine
Concen: 49.29 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	47.2	70.8	
101	9.9	7.2	10.8	
130	21.1	15.9	23.9	

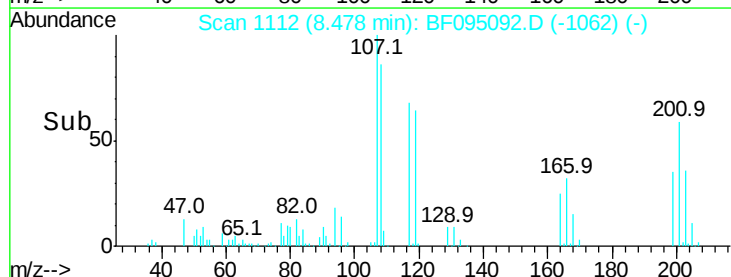
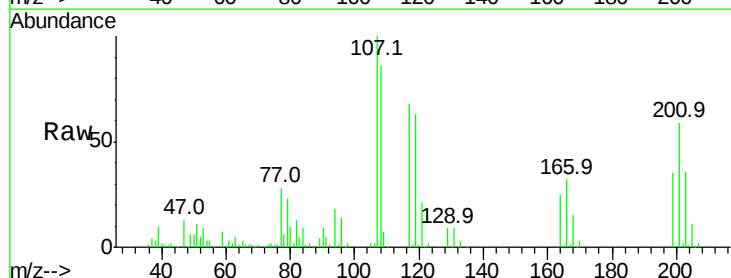
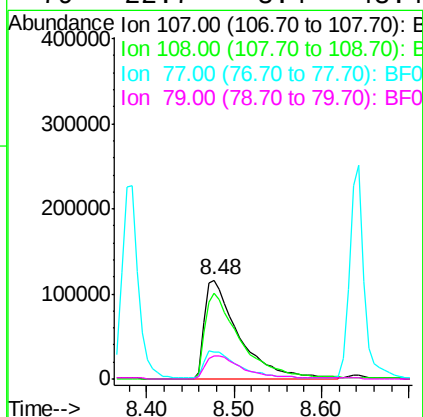
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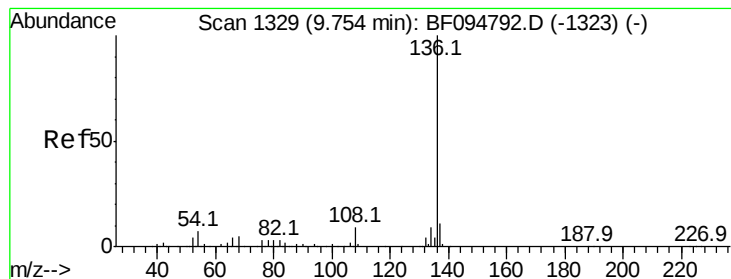
mohammad
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#20
3+4-Methylphenols
Concen: 49.20 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	71.0	111.0	
77	27.8	90.5	130.5#	
79	22.7	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

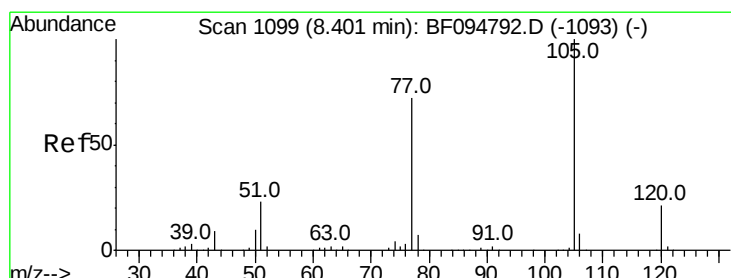
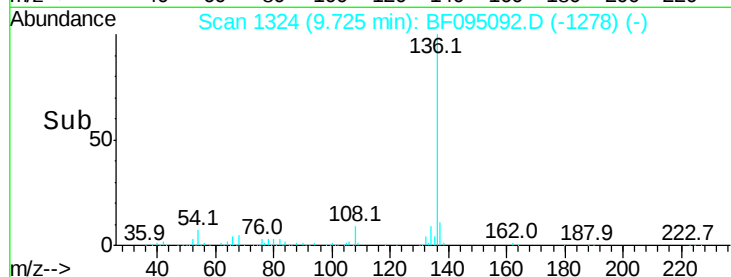
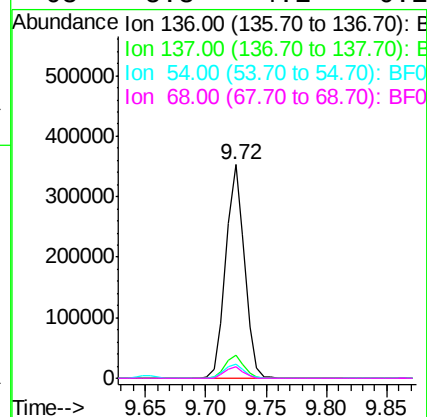
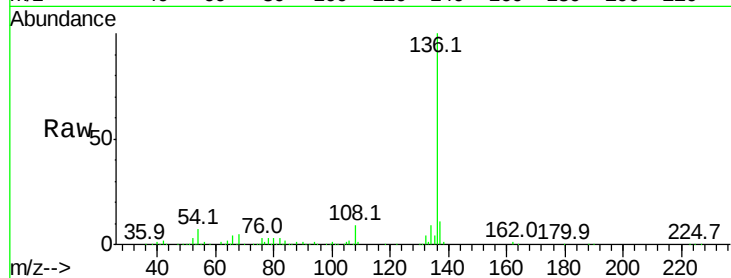
ClientSampleId :

SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375015		
137	10.5		8.5	12.7
54	6.6		4.9	7.3
68	5.3		4.1	6.1

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#22

Acetophenone

Concen: 46.03 ng

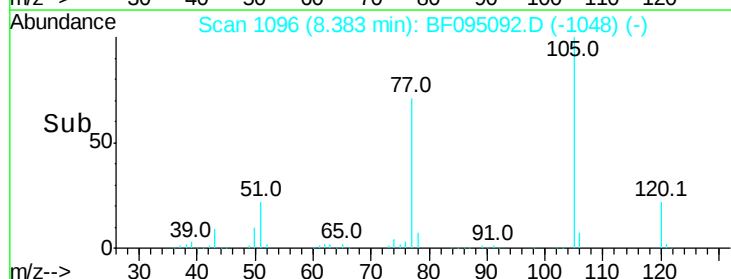
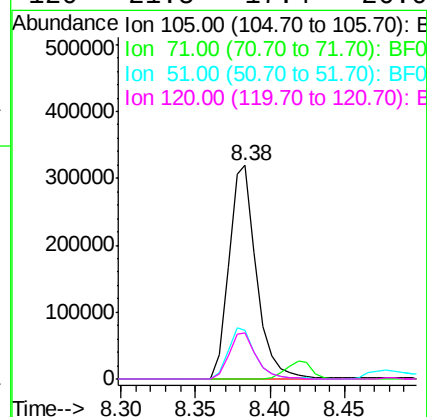
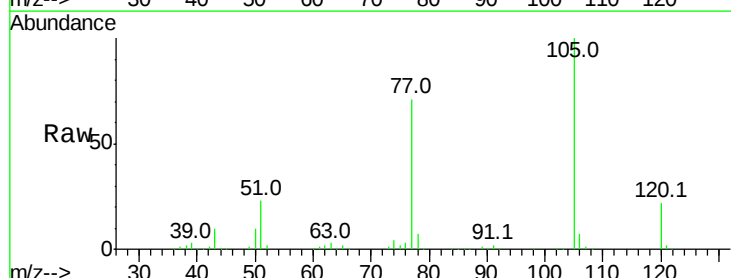
RT: 8.38 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414161		
71	0.0		2.8	4.2#
51	22.8		30.7	46.1#
120	21.5		17.4	26.0





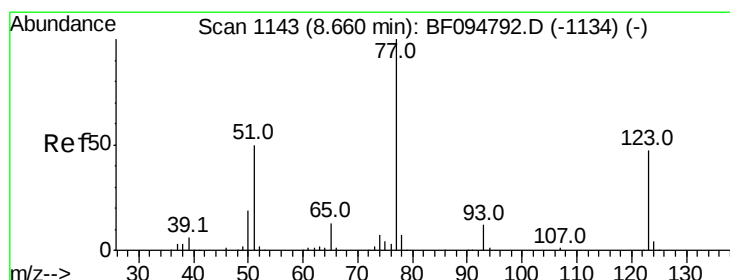
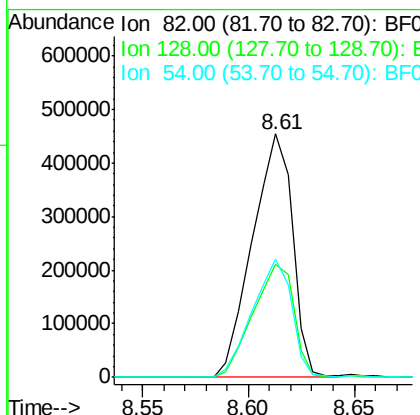
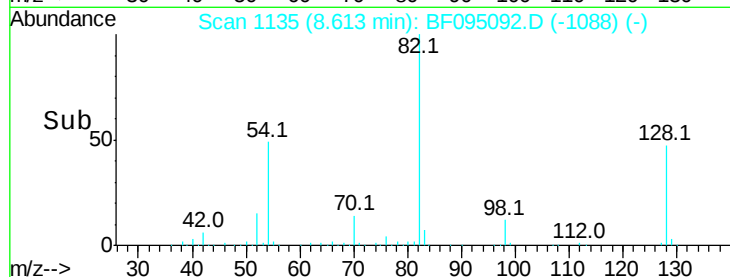
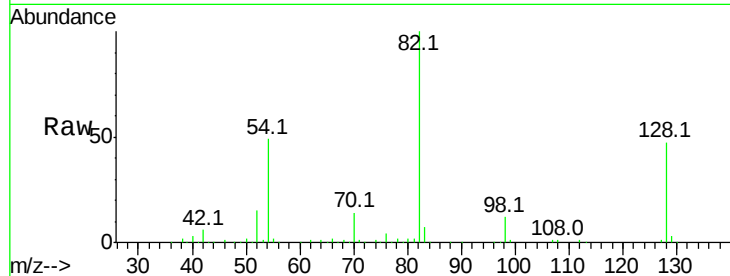
#23
 Nitrobenzene-d5
 Concen: 101.04 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	600911		
128	46.6	34.0	51.0	
54	48.5	42.2	63.2	

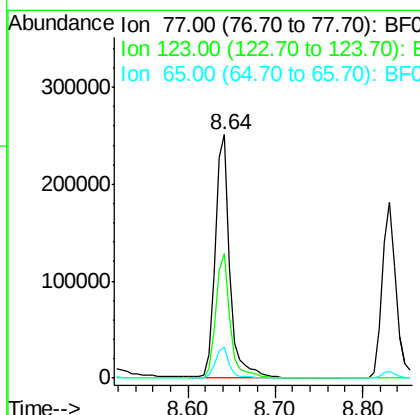
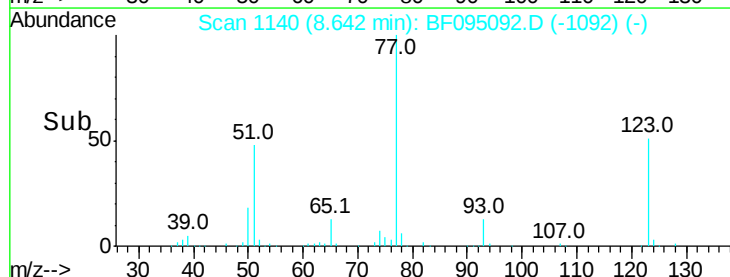
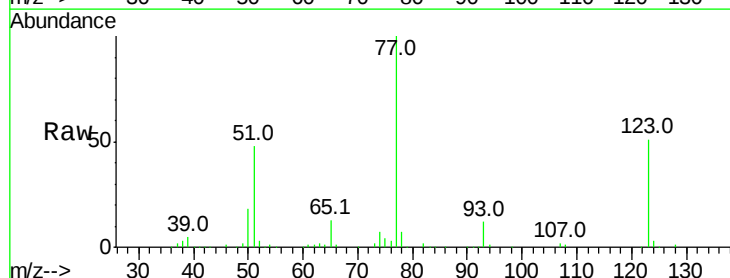
Manual Integrations
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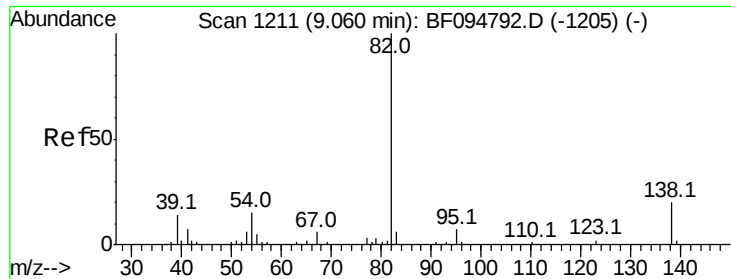
mohammad
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#24
 Nitrobenzene
 Concen: 47.19 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	294152		
123	51.1	35.8	53.8	
65	12.8	10.6	15.8	





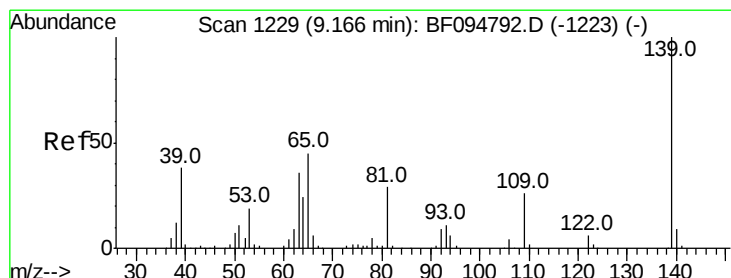
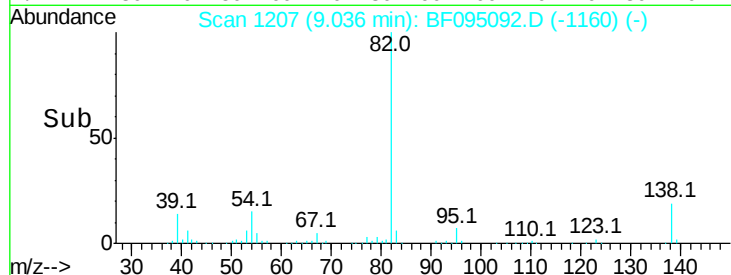
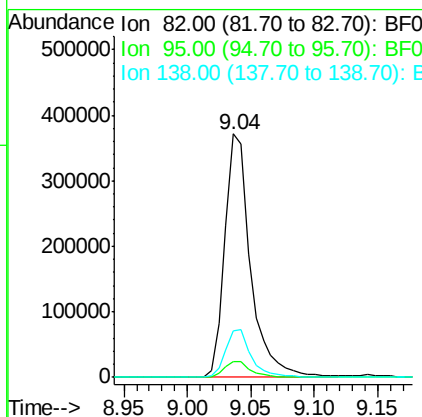
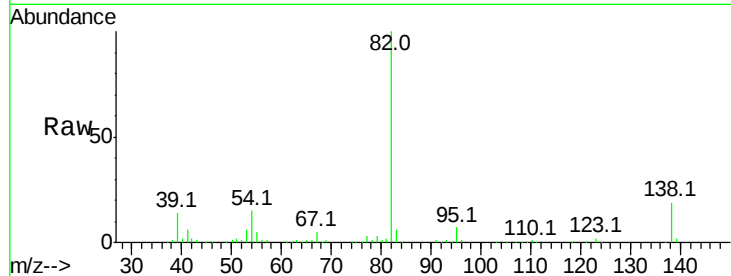
#25
Isophorone
Concen: 49.68 ng
RT: 9.04 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	527562		
95	6.6		5.3	7.9
138	19.3		13.1	19.7

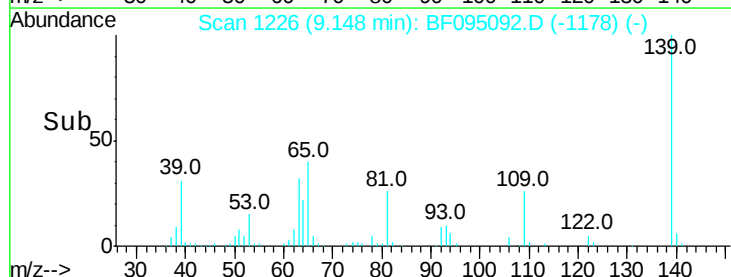
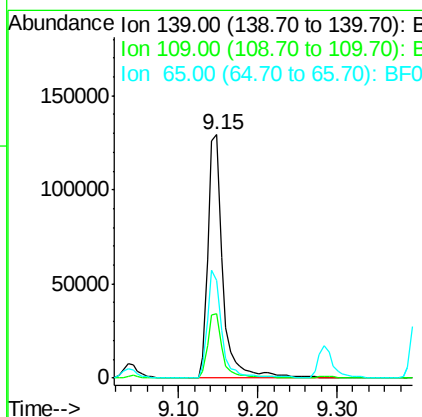
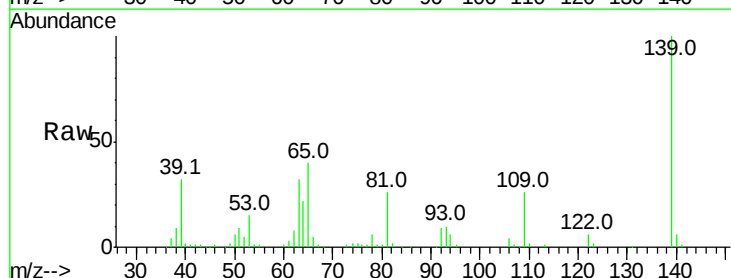
Manual Integrations
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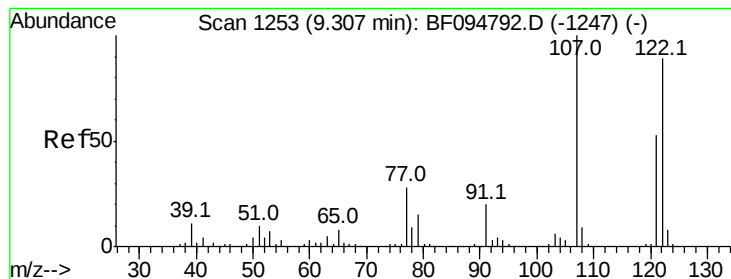
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#26
2-Nitrophenol
Concen: 50.35 ng
RT: 9.15 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	169341		
109	26.4		21.0	31.6
65	39.9		33.0	49.6





#27

2,4-Dimethylphenol

Concen: 48.07 ng

RT: 9.28 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

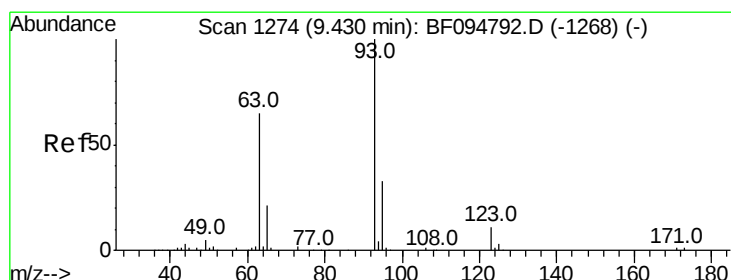
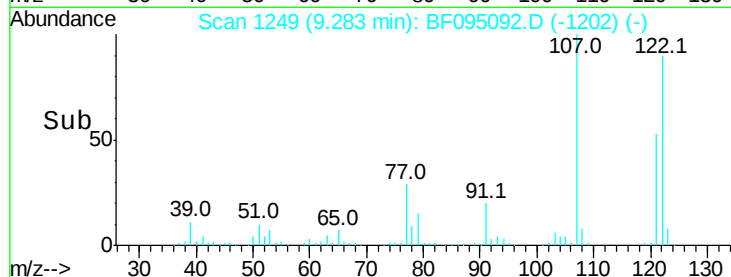
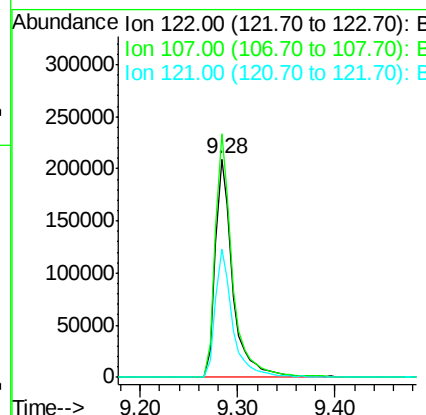
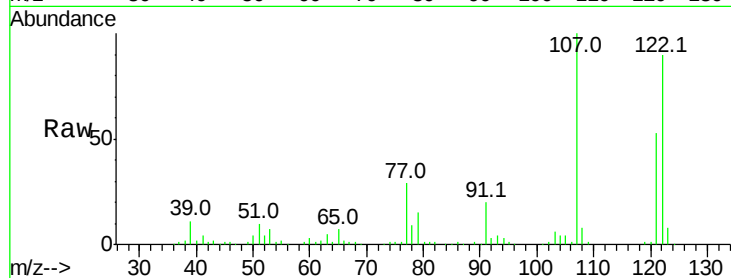
ClientSampleId :

SB-03-COMPMS

Tot Ion:	122	Resp:	261421
Ion Ratio	Lower	Upper	
122	100		
107	111.5	89.2	133.8
121	58.9	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 47.52 ng

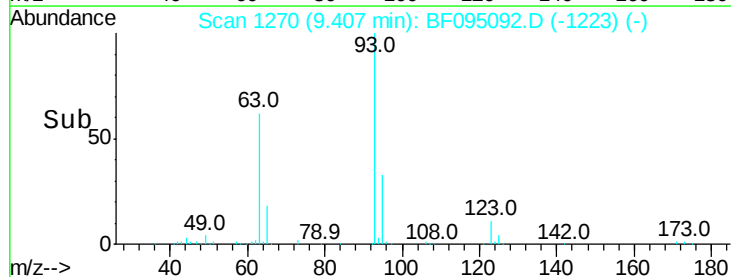
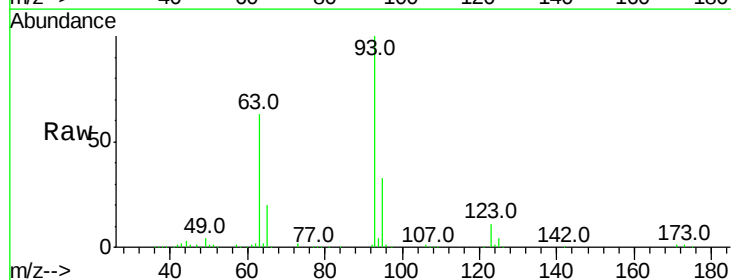
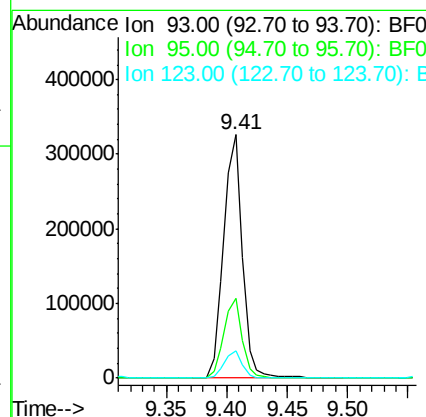
RT: 9.41 min Scan# 1270

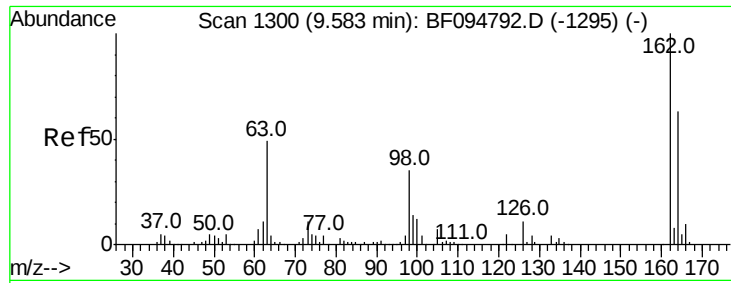
Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	93	Resp:	349068
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	11.3	9.0	13.4





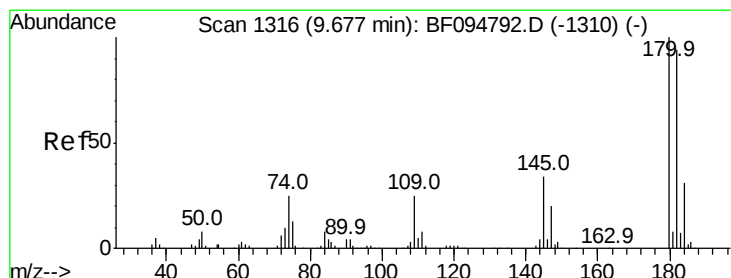
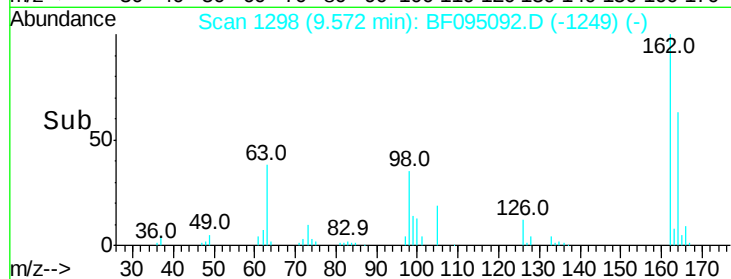
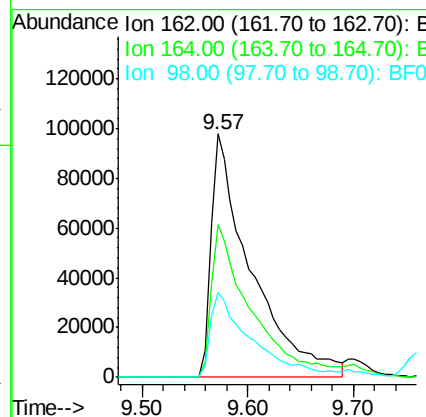
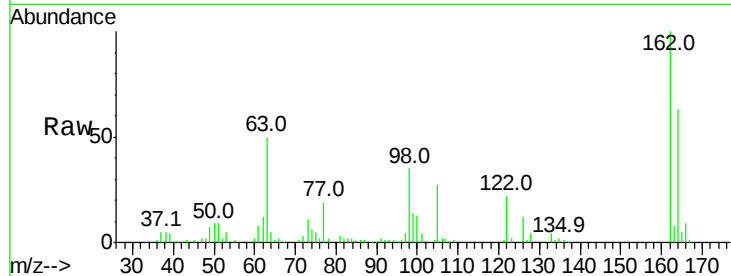
#29
 2,4-Dichlorophenol
 Concen: 50.03 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	44.6	84.6
98	35.0	14.8	54.8

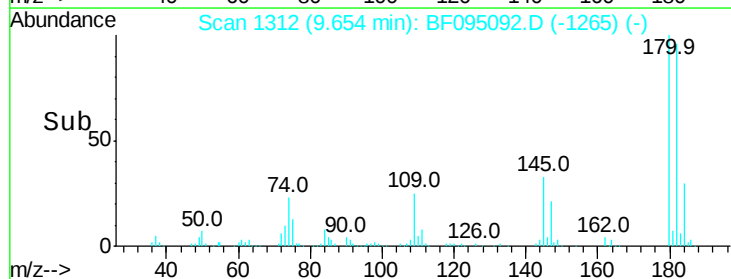
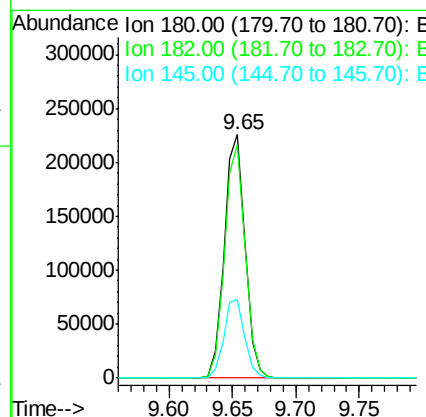
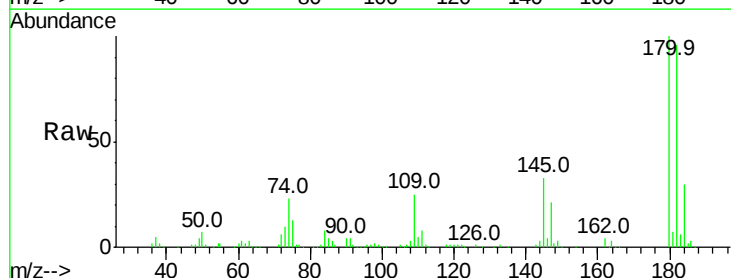
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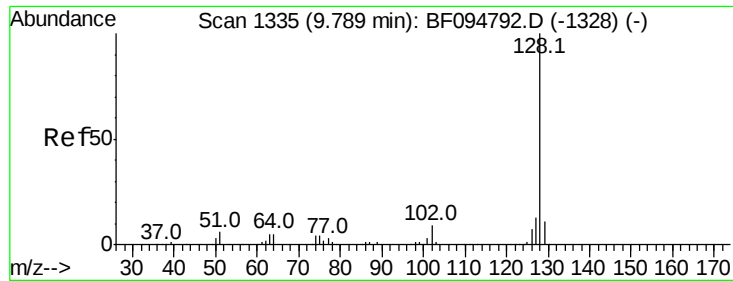
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.91 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	75.8	113.6
145	32.5	25.3	37.9





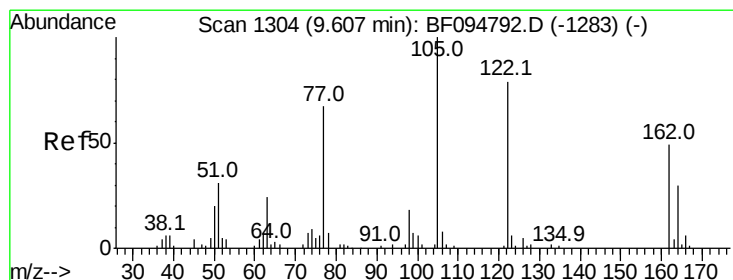
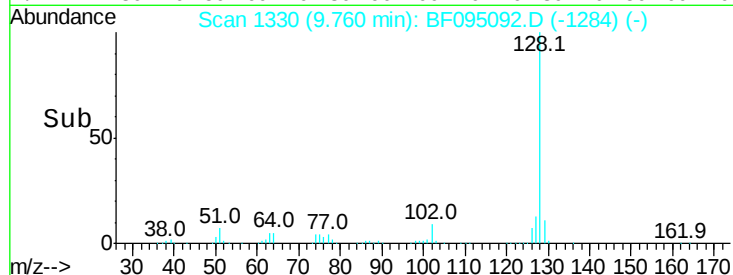
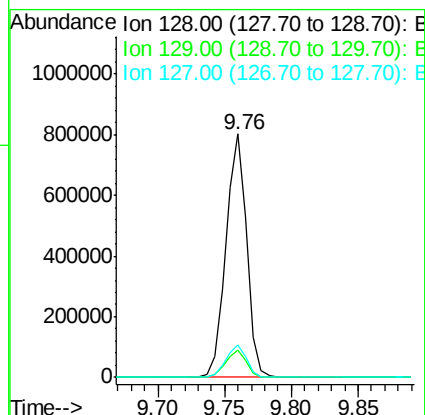
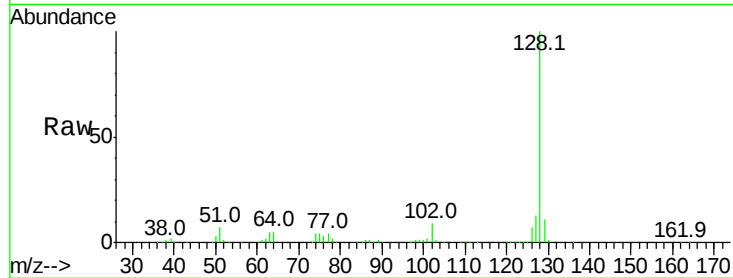
#31
Naphthalene
Concen: 46.79 ng
RT: 9.76 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.8	16.2

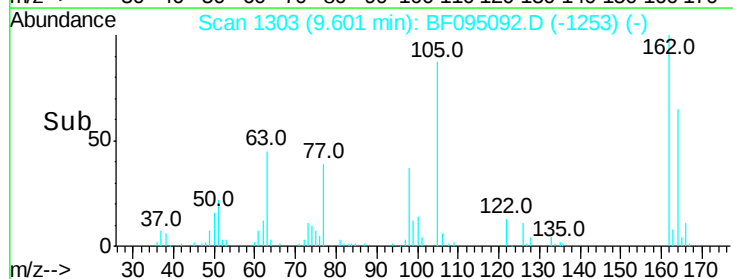
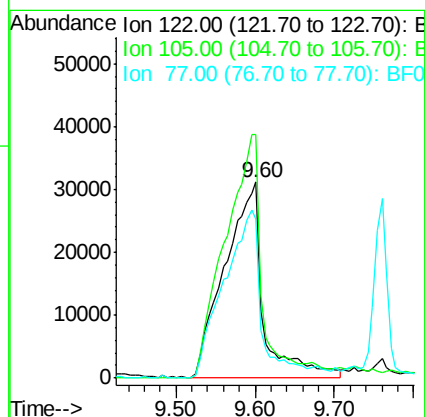
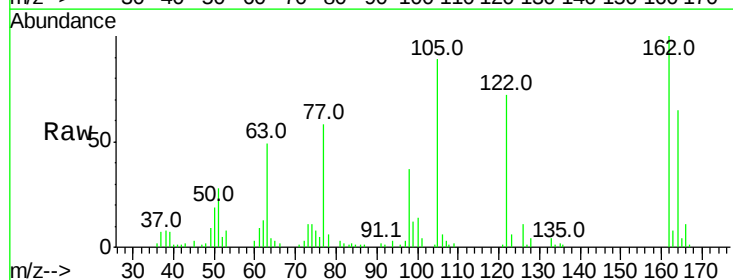
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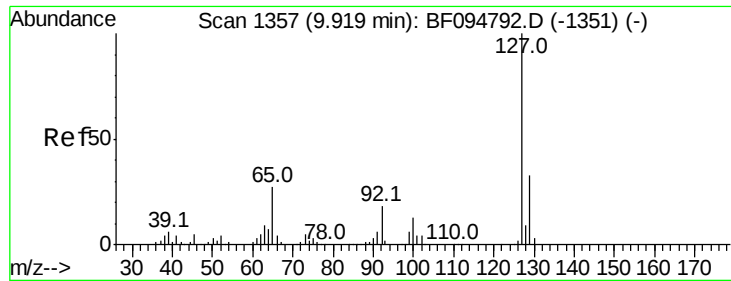
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#32
Benzoic acid
Concen: 31.57 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	103.3	143.3
77	81.0	73.7	113.7





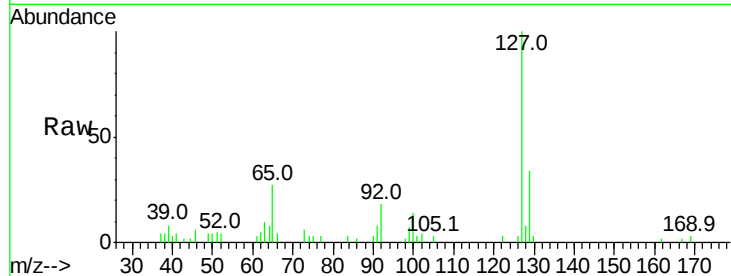
#33
4-Chloroaniline
Concen: 6.96 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

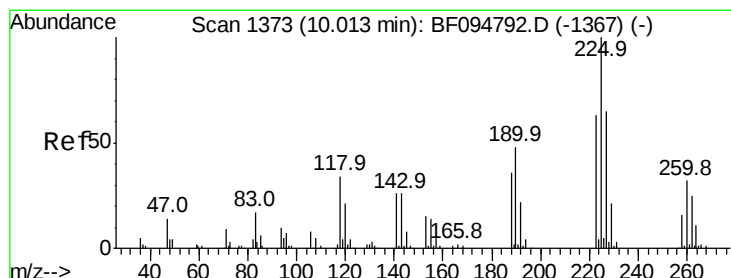
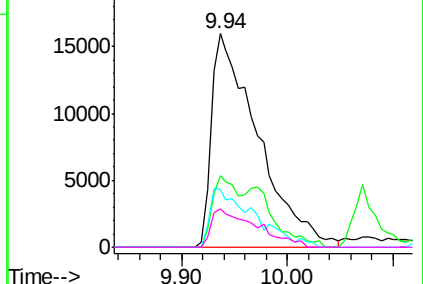
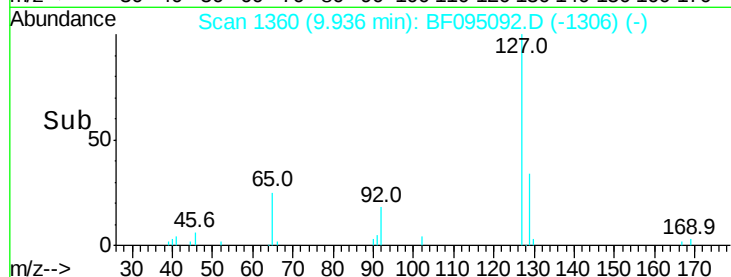
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.2	39.2		
65	26.9	27.8	41.8		
92	18.0	16.8	25.2		

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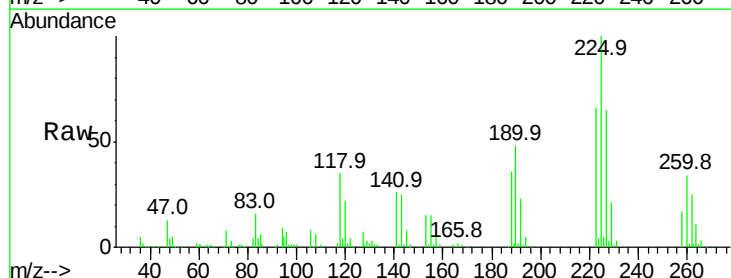


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

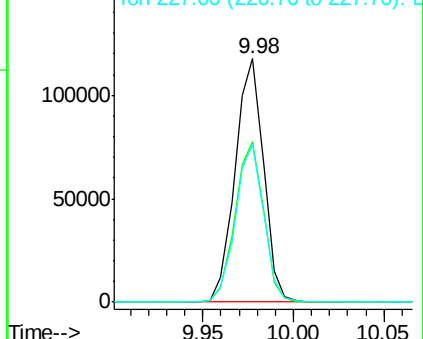
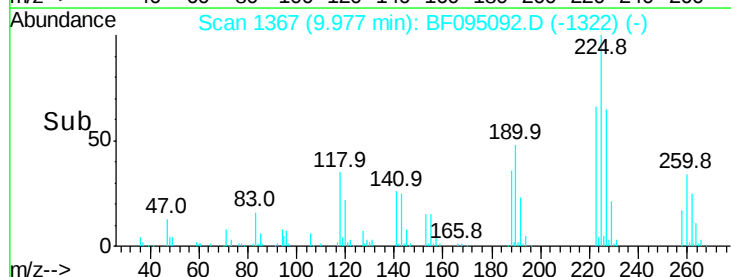


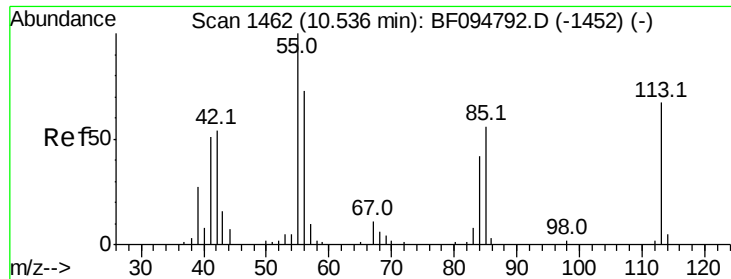
#34
Hexachlorobutadiene
Concen: 44.24 ng
RT: 9.98 min Scan# 1367
Delta R.T. -0.04 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.8	48.8	73.2		
227	64.9	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





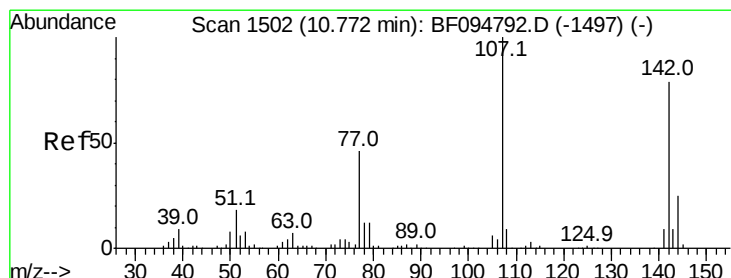
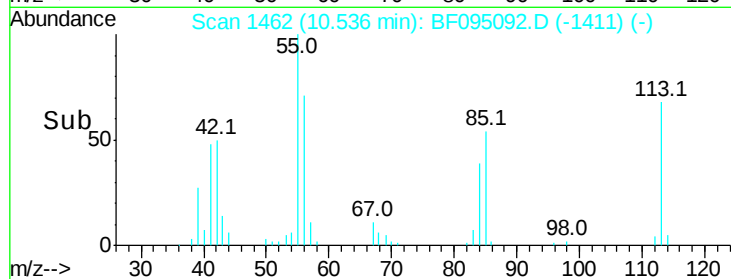
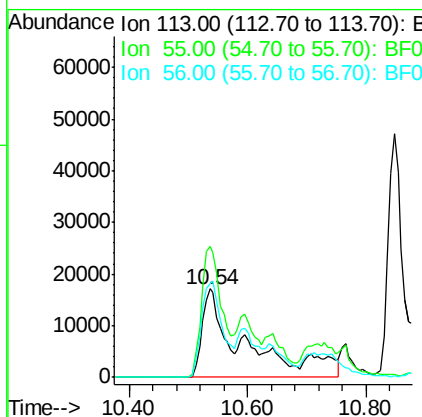
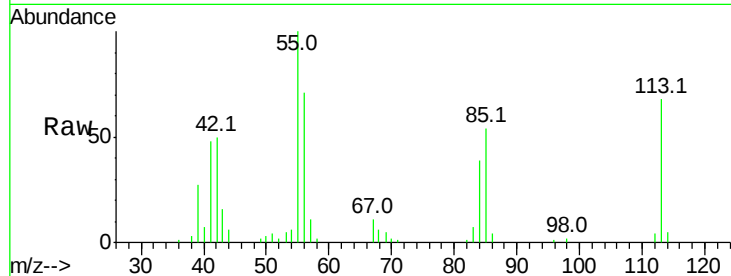
#35
 Caprolactam
 Concen: 55.19 ng/ml
 RT: 10.54 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion:113 Resp: 85105
 Ion Ratio Lower Upper
 113 100
 55 148.1 150.2 190.2#
 56 105.9 107.8 147.8#

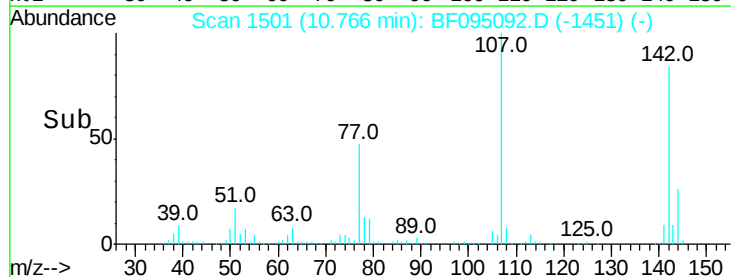
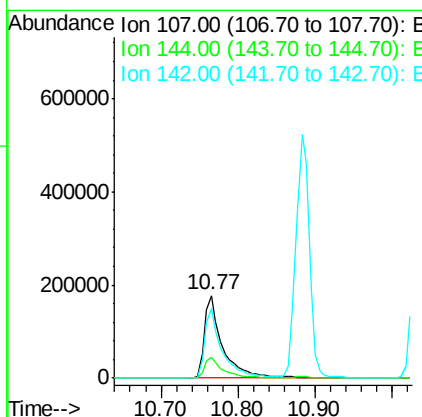
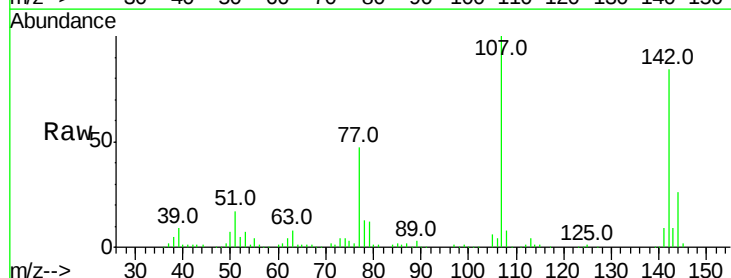
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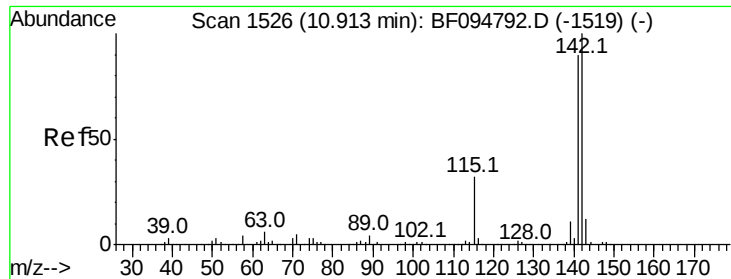
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#36
 4-Chloro-3-methylphenol
 Concen: 52.90 ng
 RT: 10.77 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion:107 Resp: 290424
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 83.7 73.4 110.0





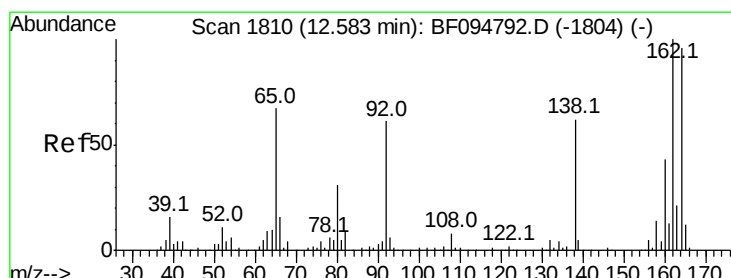
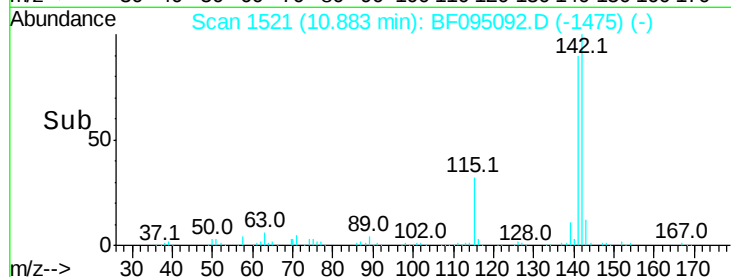
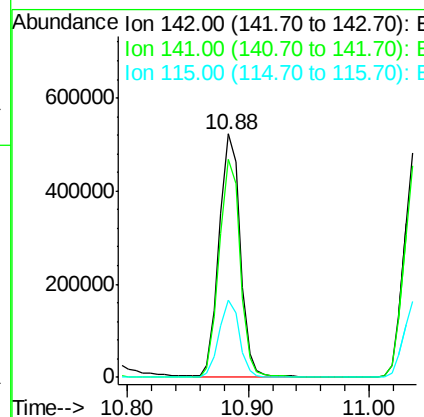
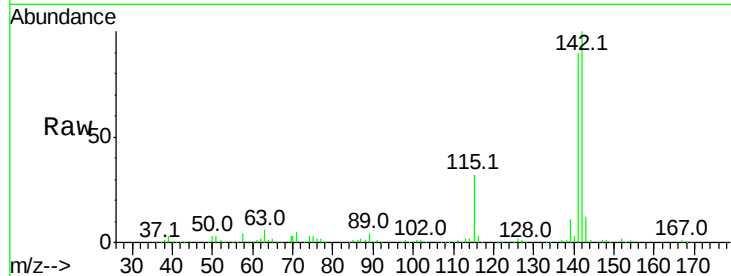
#37
2-Methylnaphthalene
Concen: 51.15 ng
RT: 10.88 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	31.9	27.1	40.7

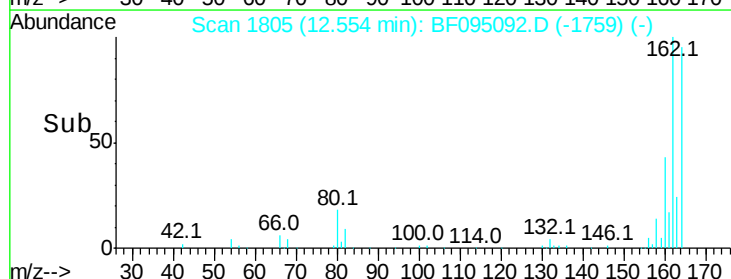
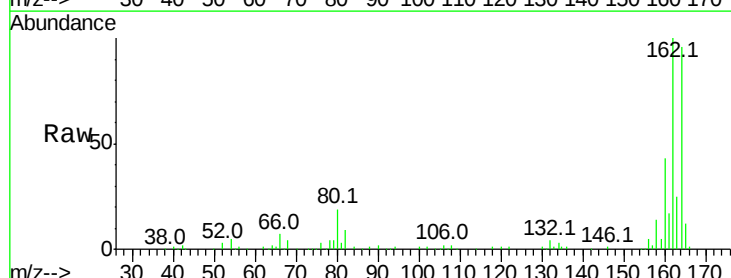
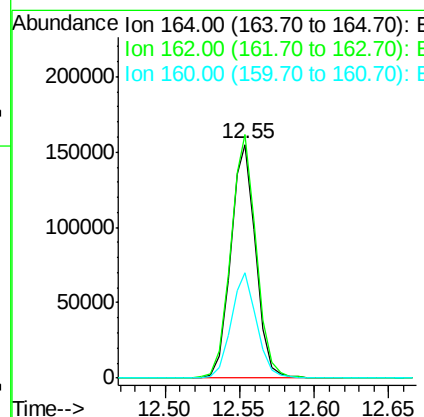
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.2	36.2	54.2





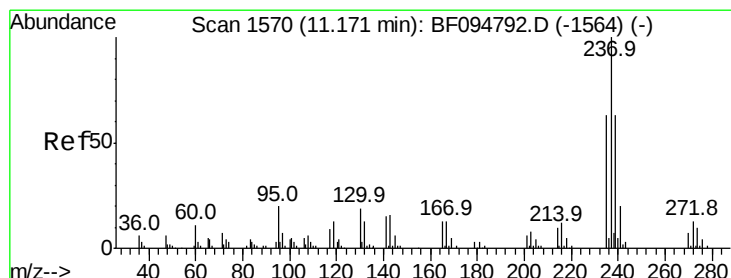
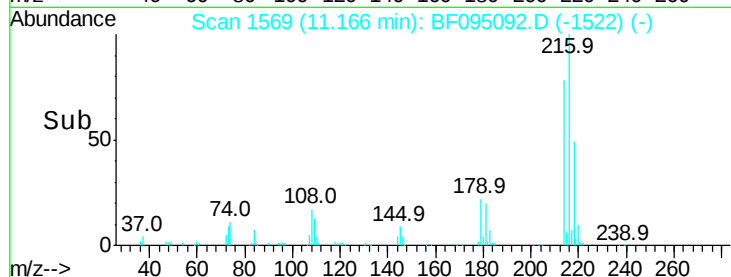
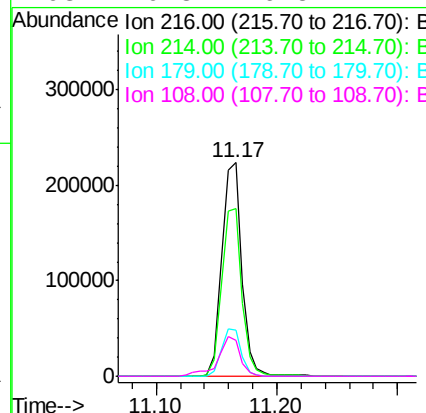
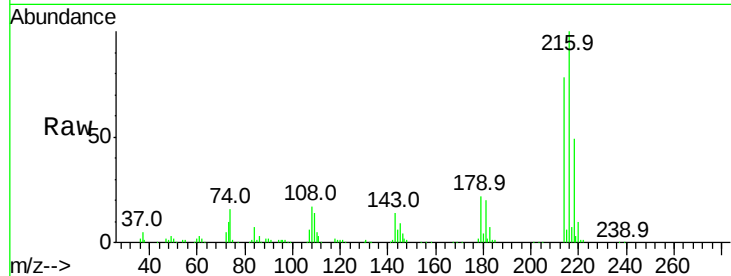
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.23 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	253062		
214	79.0	63.4	95.2	
179	21.8	17.9	26.9	
108	20.8	16.5	24.7	

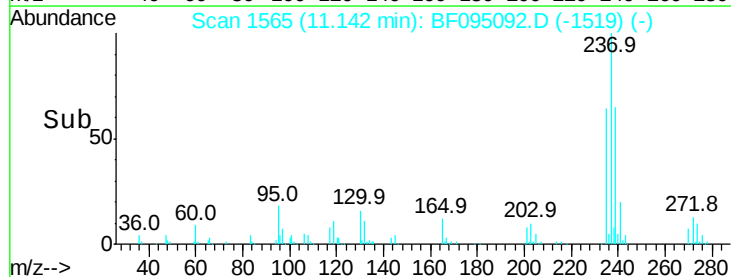
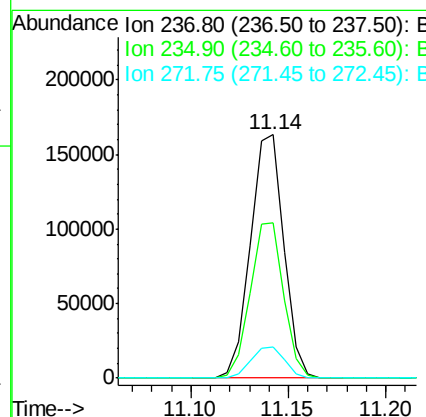
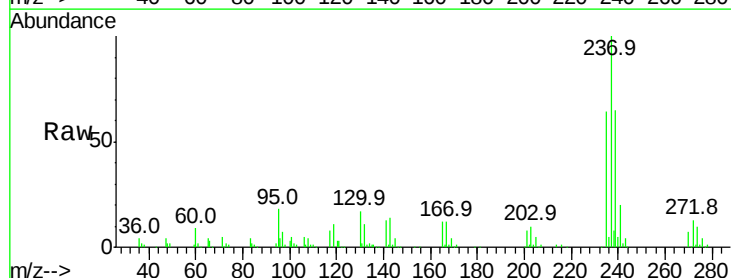
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#40
 Hexachlorocyclopentadiene
 Concen: 82.13 ng
 RT: 11.14 min Scan# 1565
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	193581		
235	63.5	42.6	82.6	
272	12.6	0.0	31.9	





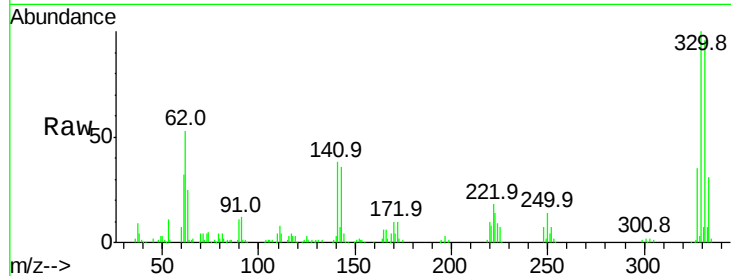
#41
 2,4,6-Tribromophenol
 Concen: 159.78 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

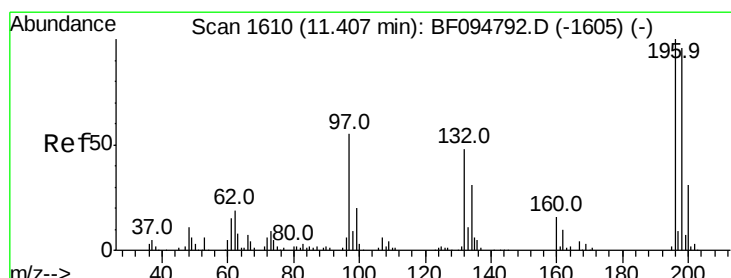
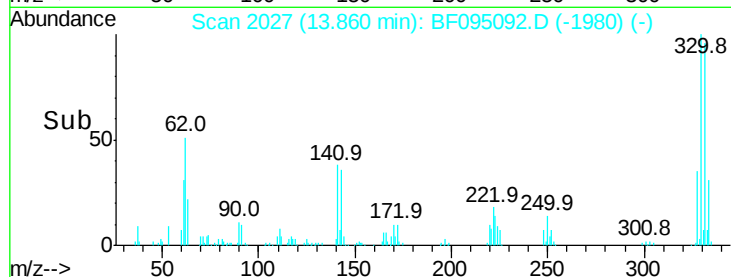
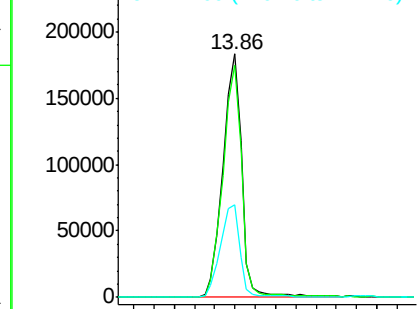
Tot Ion	Ratio	Resp	Lower	Upper
330	100	238042		
332	96.0	76.6	115.0	
141	40.1	31.4	47.2	

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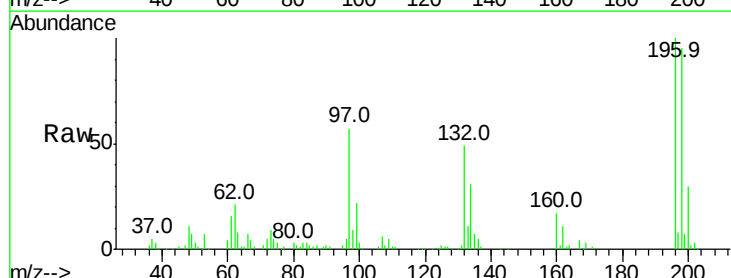


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

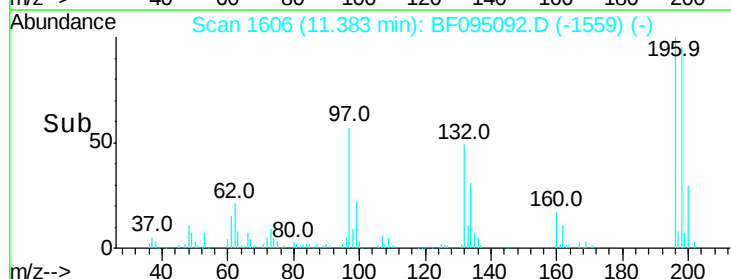
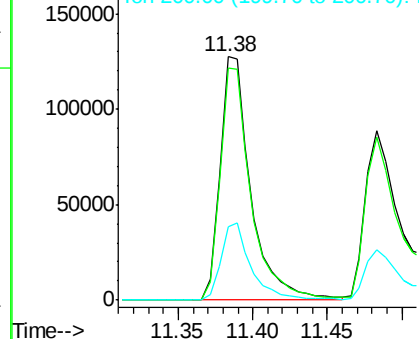


#42
 2,4,6-Trichlorophenol
 Concen: 49.20 ng
 RT: 11.38 min Scan# 1606
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183784		
198	95.1	74.2	111.4	
200	30.0	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





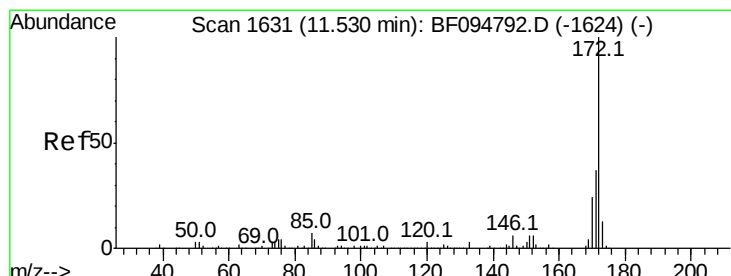
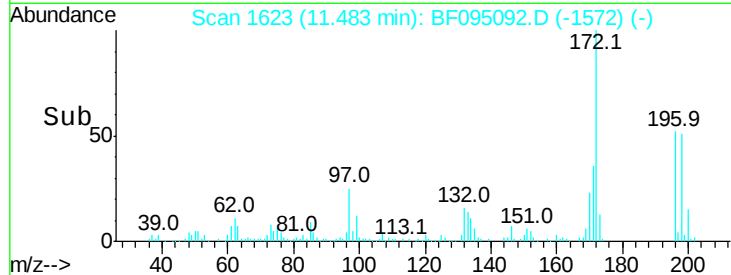
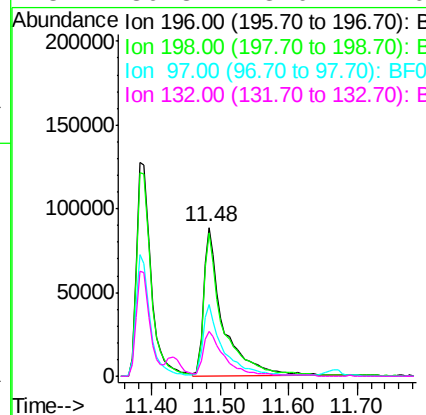
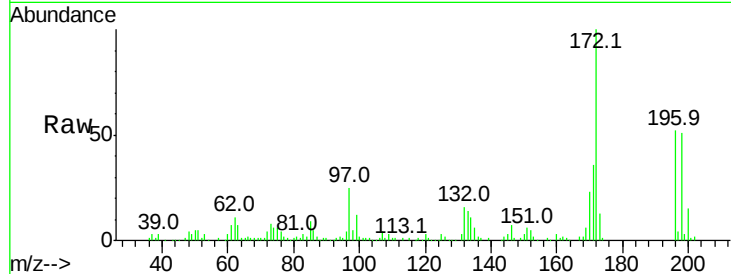
#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion:	196	Resp:	173827
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.7	113.5
97	48.5	47.7	71.5
132	30.3	28.0	42.0

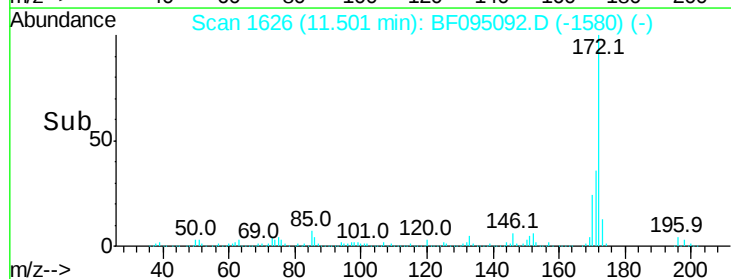
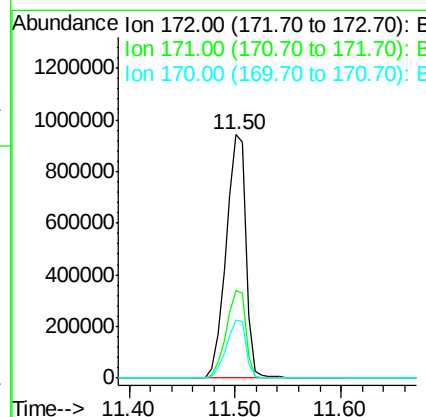
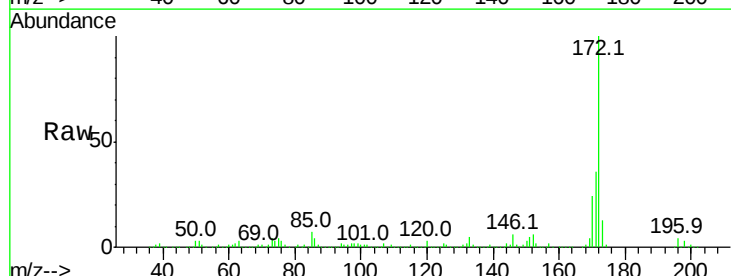
Manual Integrations
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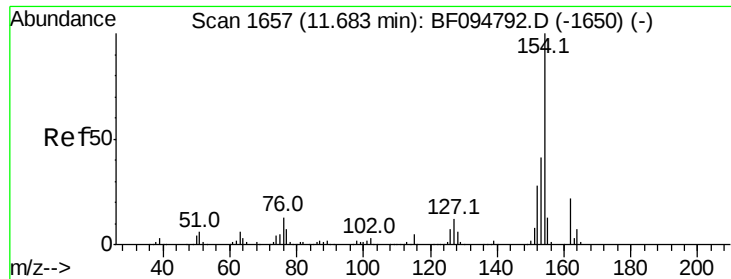
mohammad
 5/12/2017 3:36:04 PM



#44
 2-Fluorobiphenyl
 Concen: 97.58 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion:	172	Resp:	1233302
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8





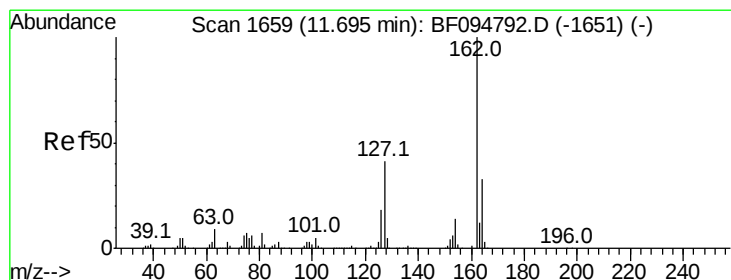
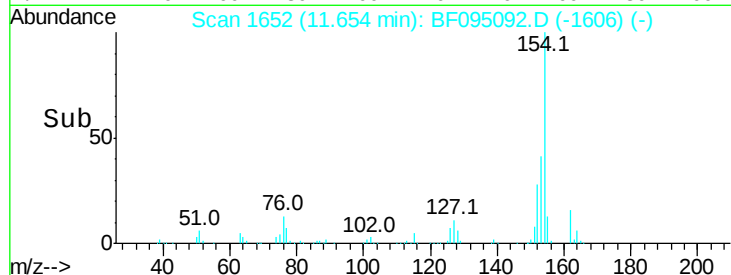
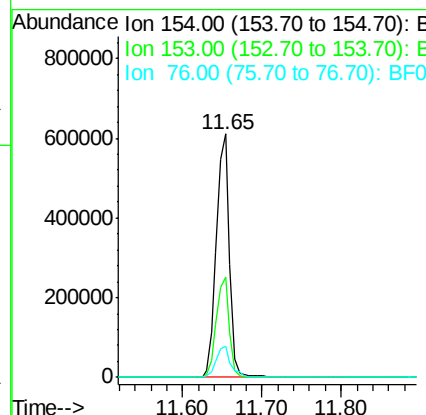
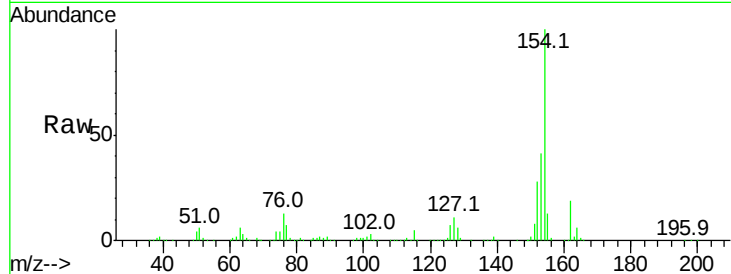
#45
 1,1'-Biphenyl
 Concen: 45.56 ng
 RT: 11.65 min Scan# 1652
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	697819		
153	41.1	21.2	61.2	
76	12.6	0.0	29.9	

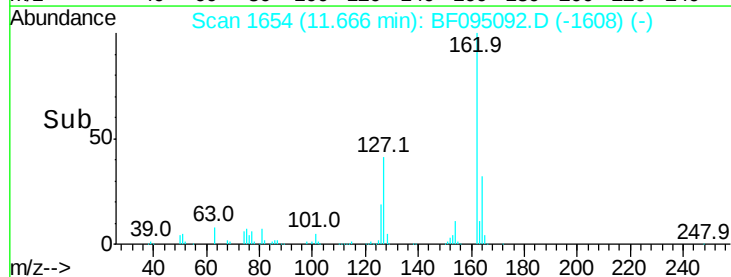
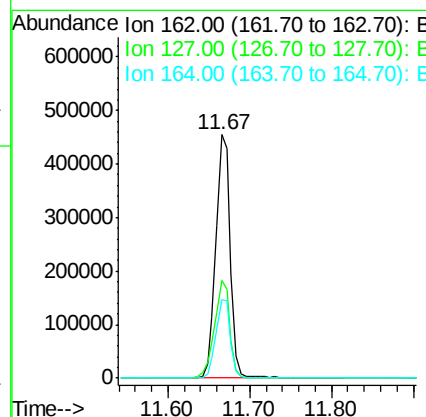
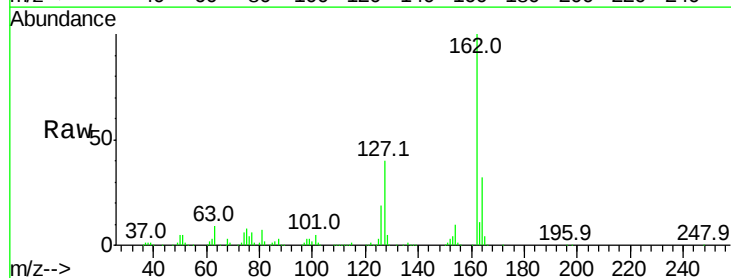
Manual Integrations
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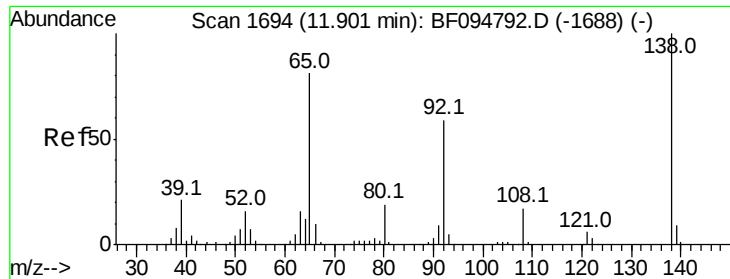
mohammad
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#46
 2-Chloronaphthalene
 Concen: 45.26 ng
 RT: 11.67 min Scan# 1654
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	559705		
127	40.0	28.3	42.5	
164	32.1	27.0	40.4	





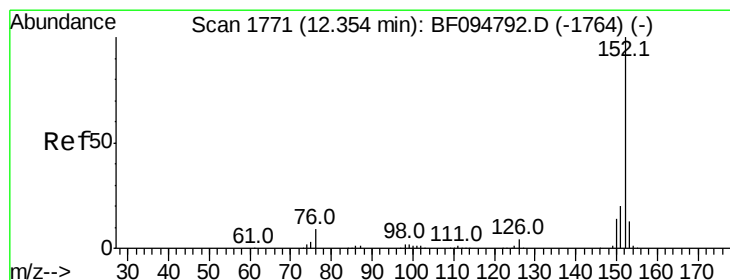
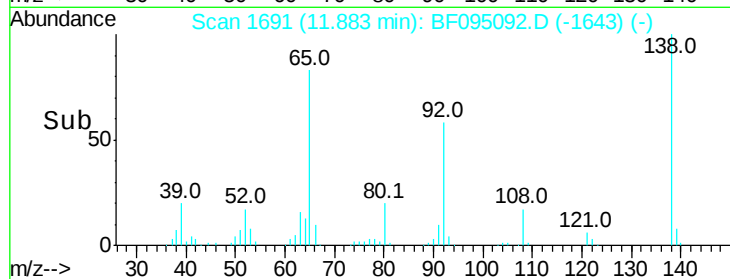
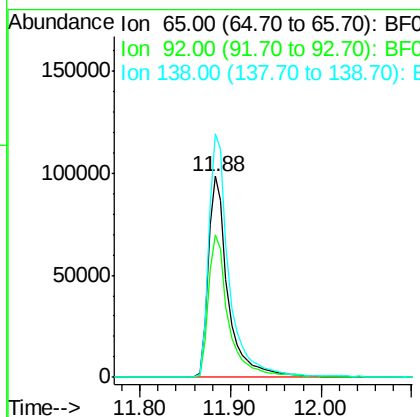
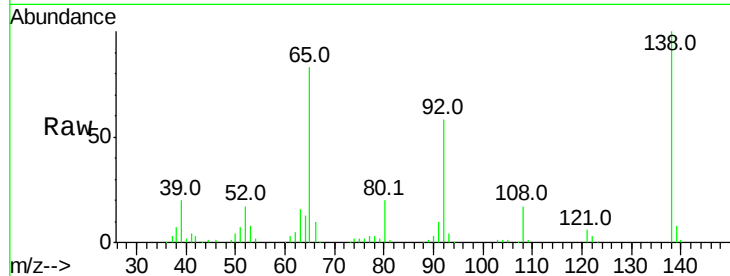
#47
 2-Nitroaniline
 Concen: 44.69 ng
 RT: 11.88 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.9	80.9
138	121.2	78.8	118.2#

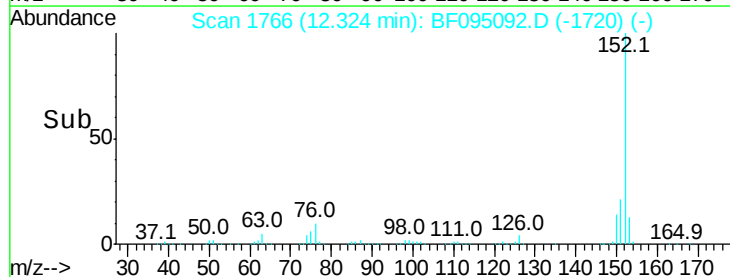
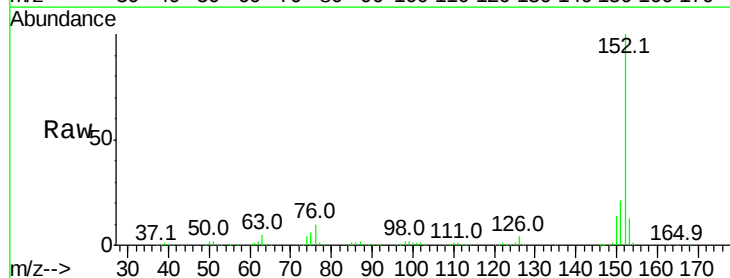
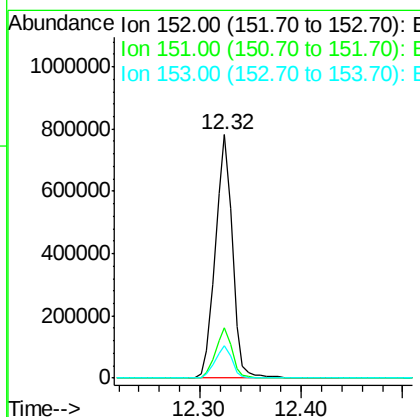
Manual Integrations
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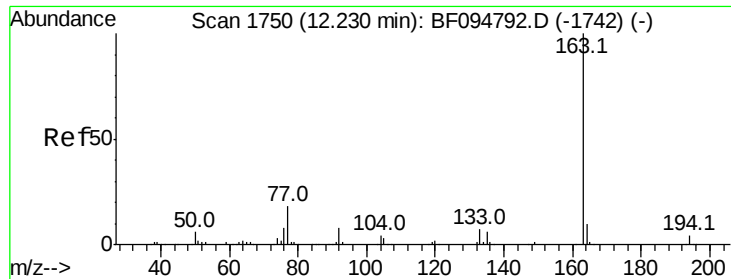
mohammad
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#48
 Acenaphthylene
 Concen: 46.98 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.8	16.2





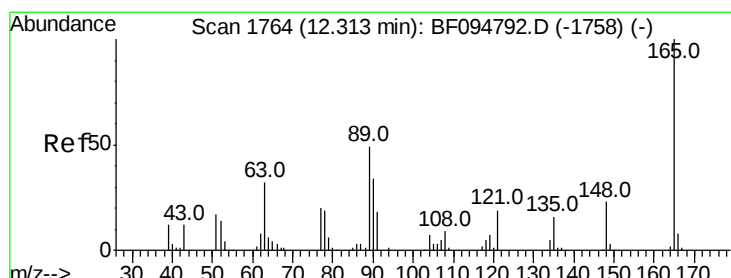
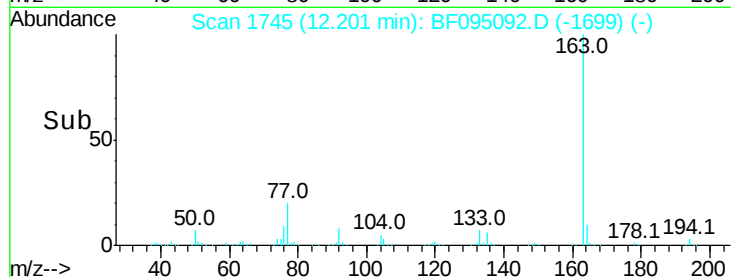
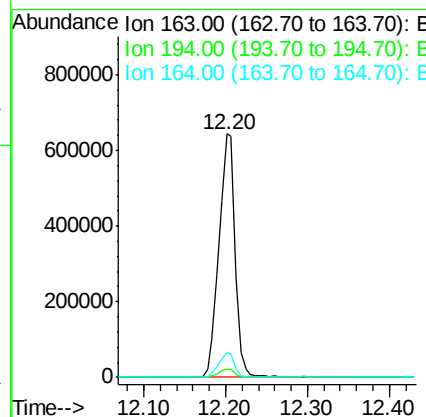
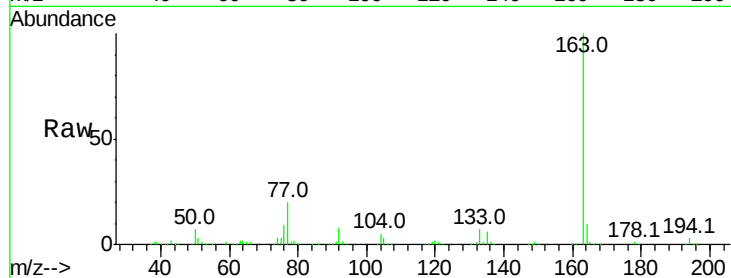
#49
Dimethylphthalate
Concen: 59.72 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	891819		
194	3.4	2.6	4.0	
164	10.3	8.4	12.6	

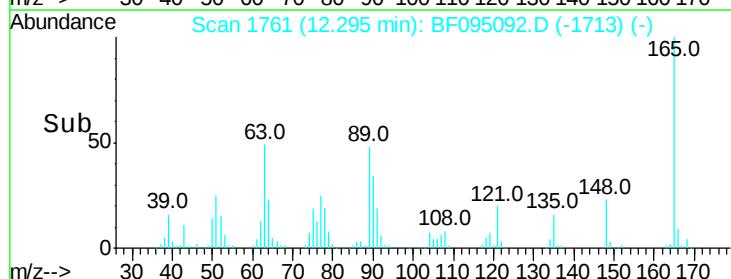
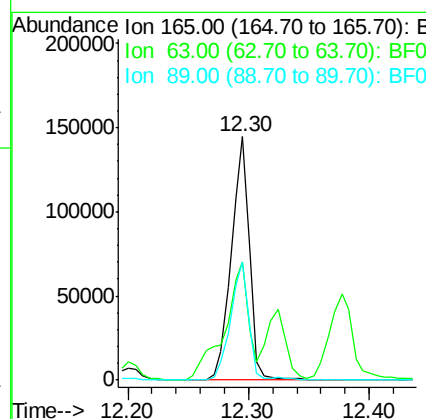
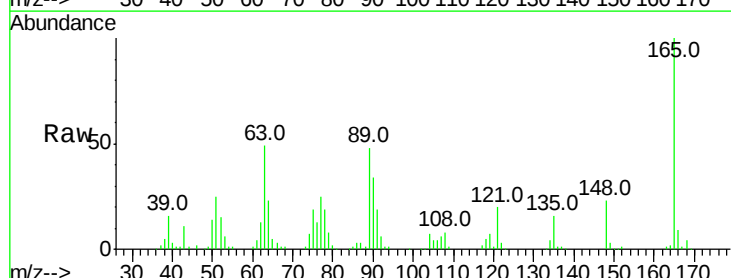
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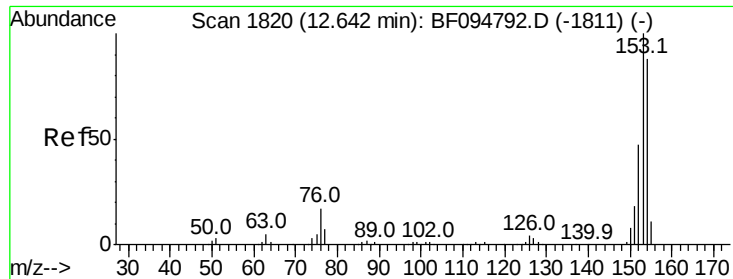
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#50
2,6-Dinitrotoluene
Concen: 49.04 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149421		
63	48.8	34.3	51.5	
89	48.4	37.1	55.7	





#51

Acenaphthene

Concen: 46.45 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

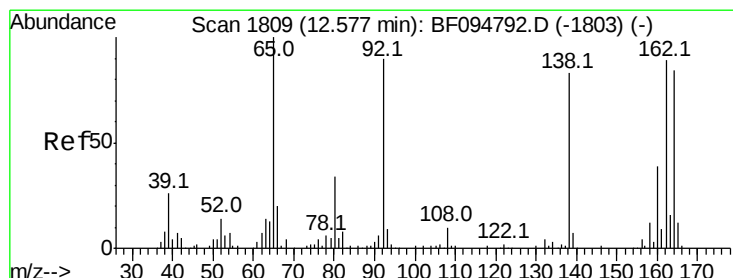
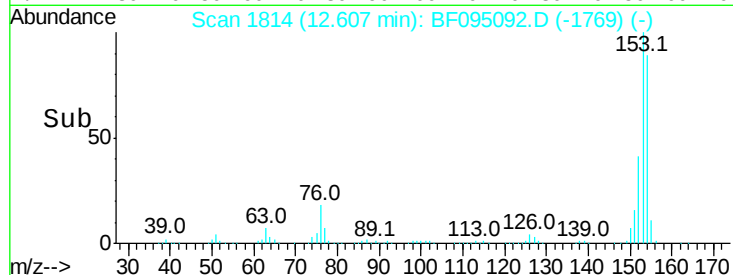
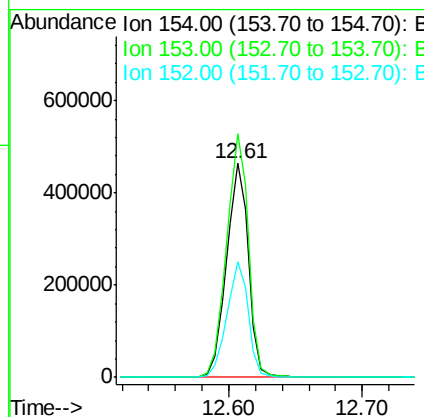
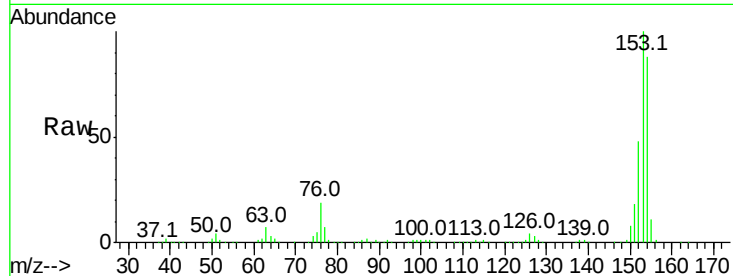
ClientSampleId :

SB-03-COMPMS

Tot Ion:	154	Resp:	537384
Ion Ratio	Lower	Upper	
154	100		
153	113.8	90.5	135.7
152	54.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 19.77 ng

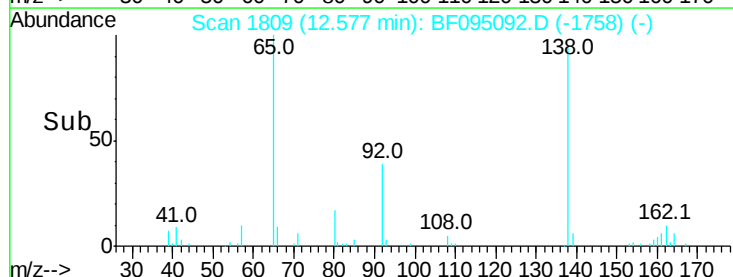
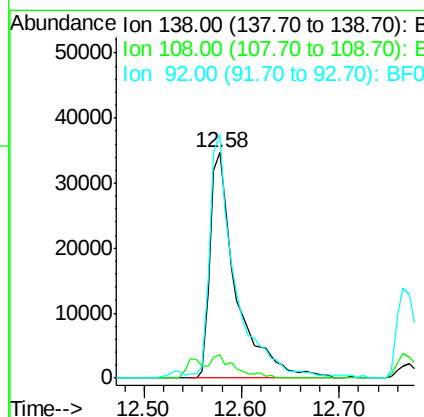
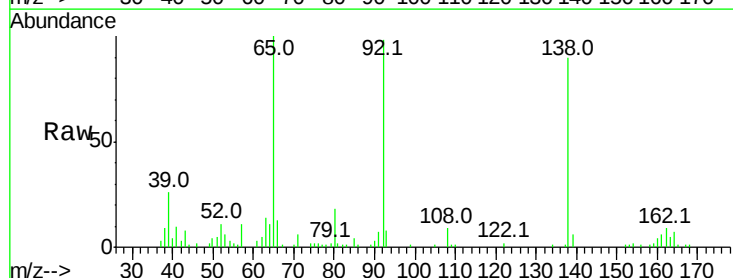
RT: 12.58 min Scan# 1809

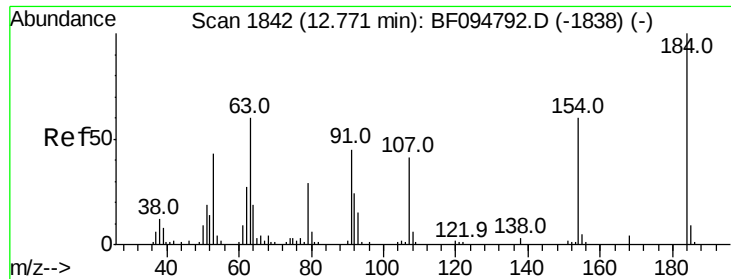
Delta R.T. 0.00 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	138	Resp:	64650
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.1	13.7
92	108.1	93.8	140.6





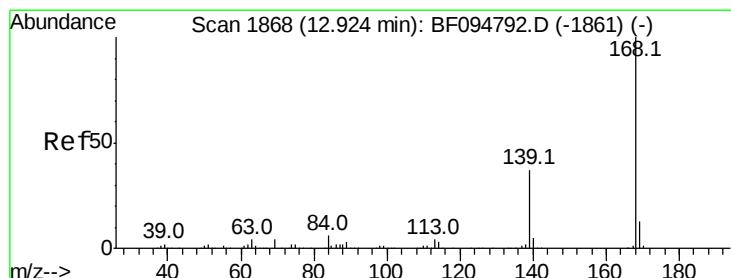
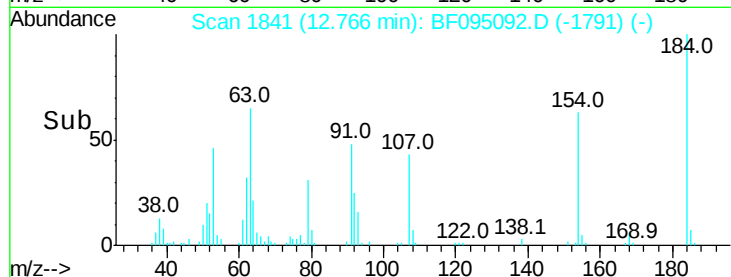
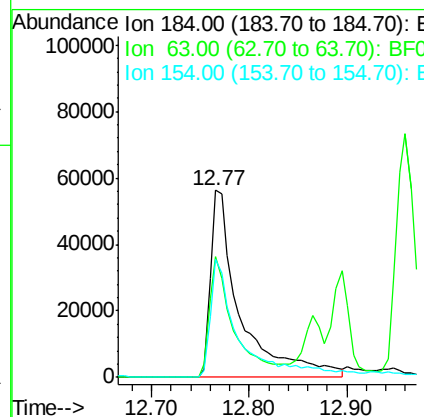
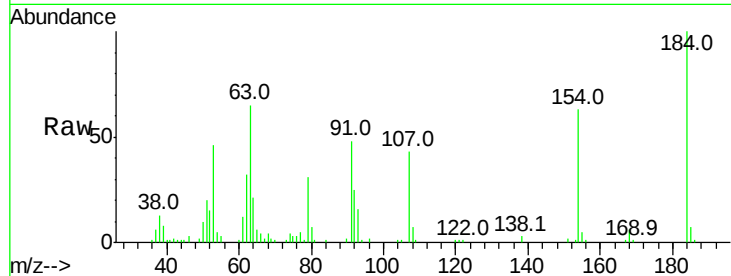
#53
 2,4-Dinitrophenol
 Concen: 71.57 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.9	62.7	94.1	
154	63.3	81.1	121.7	

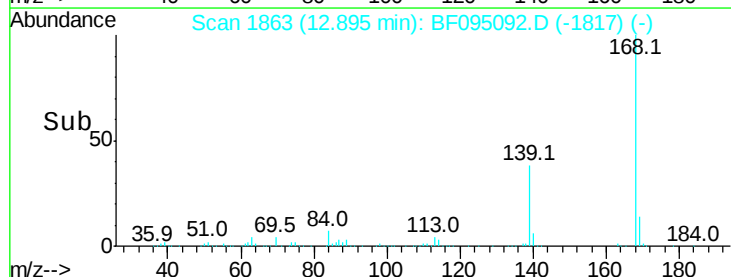
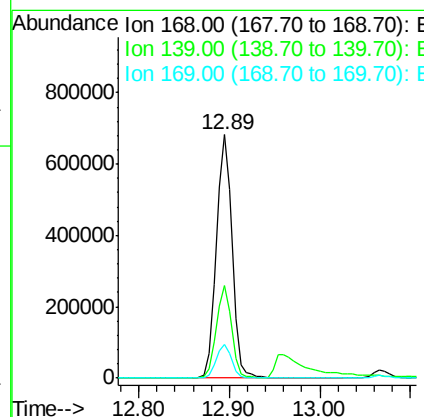
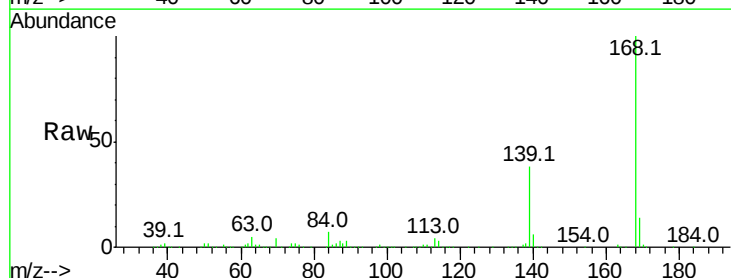
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#54
 Dibenzofuran
 Concen: 51.68 ng
 RT: 12.89 min Scan# 1863
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.9	30.6	45.8	
169	13.6	10.8	16.2	





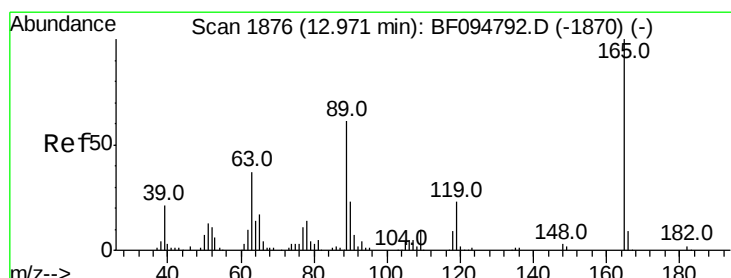
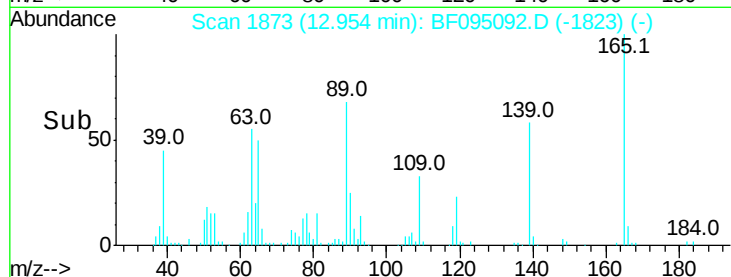
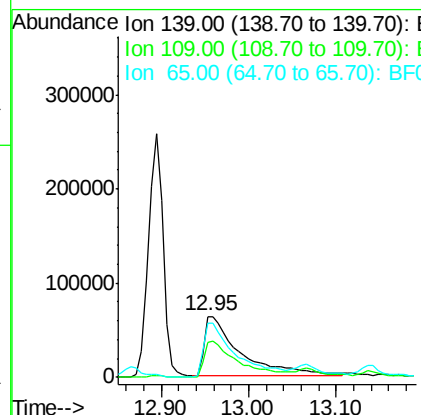
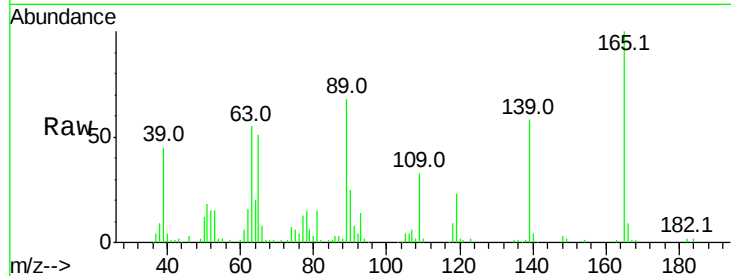
#55
4-Nitrophenol
Concen: 93.01 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	182687		
109	57.5	34.1	74.1	
65	88.9	31.4	71.4	

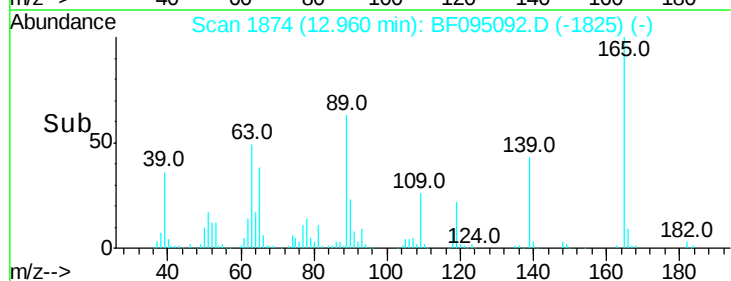
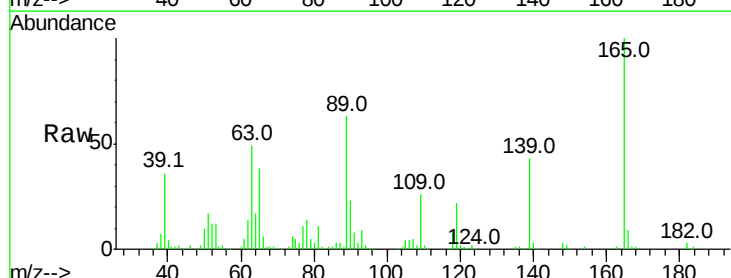
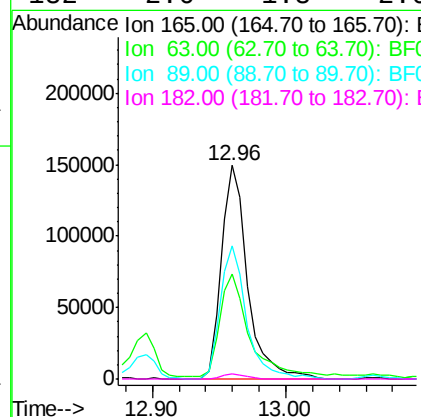
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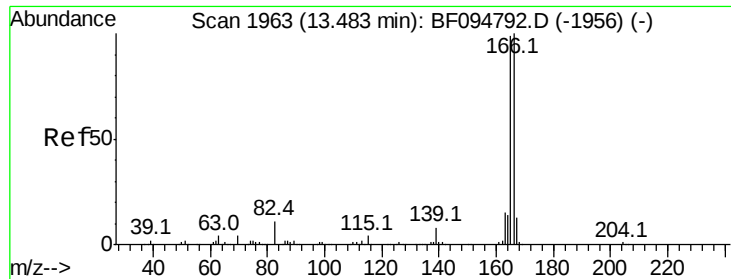
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#56
2,4-Dinitrotoluene
Concen: 52.92 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207197		
63	49.0	25.4	38.0	
89	62.5	46.4	69.6	
182	2.6	1.8	2.6	





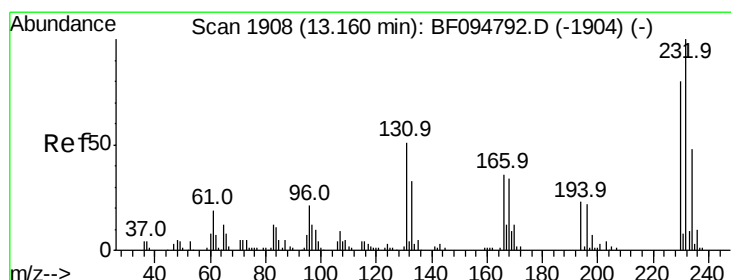
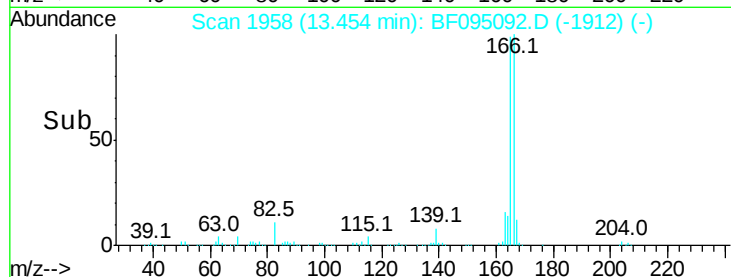
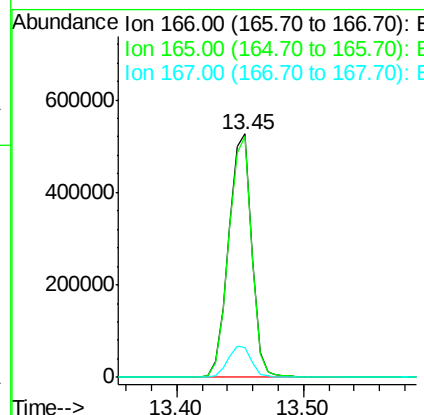
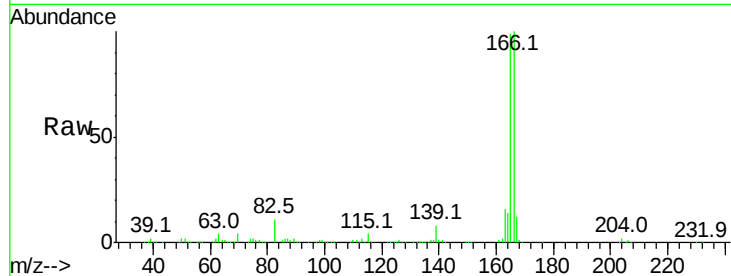
#57
 Fluorene
 Concen: 47.50 ng
 RT: 13.45 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	661278		
165	99.1	78.8	118.2	
167	12.2	10.6	16.0	

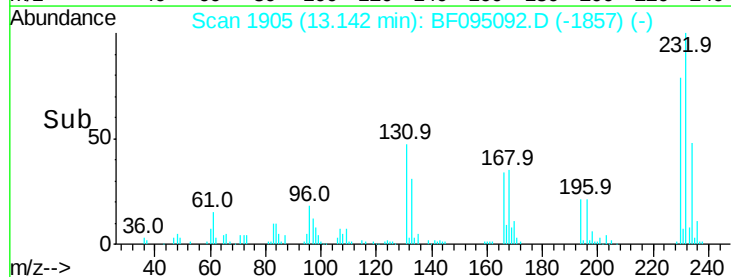
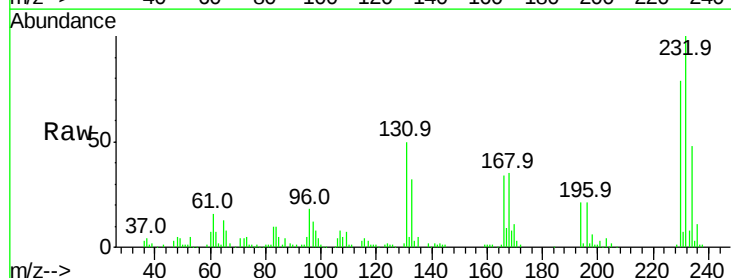
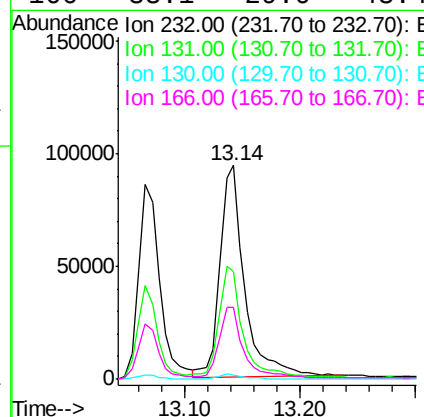
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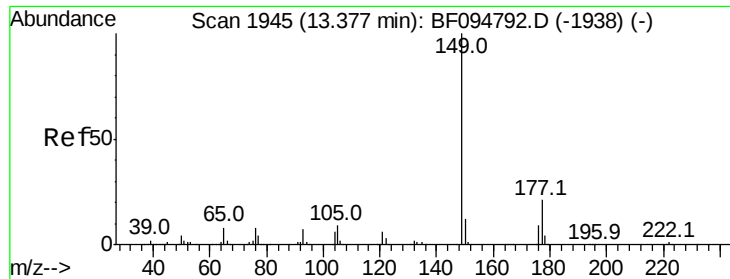
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.94 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138802		
131	52.0	44.8	67.2	
130	2.2	2.3	3.5	
166	33.1	29.0	43.4	





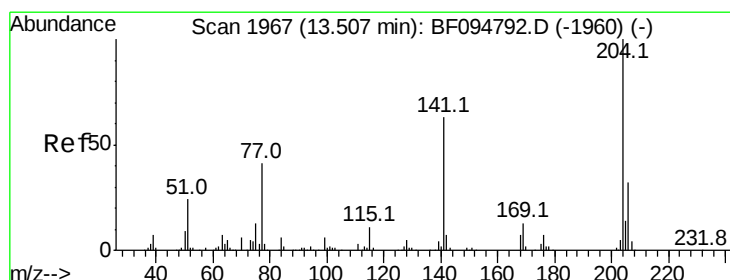
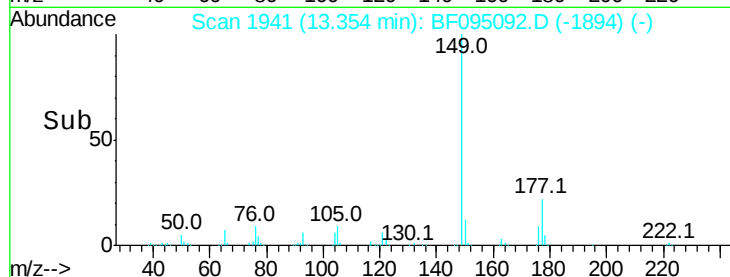
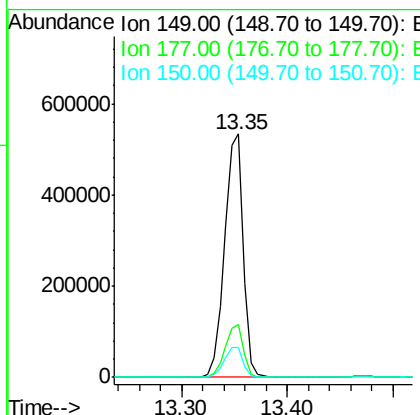
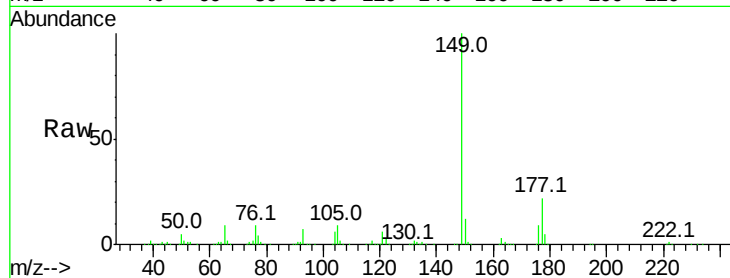
#59
Diethylphthalate
Concen: 45.39 ng
RT: 13.35 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampled :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.2	10.2	15.2

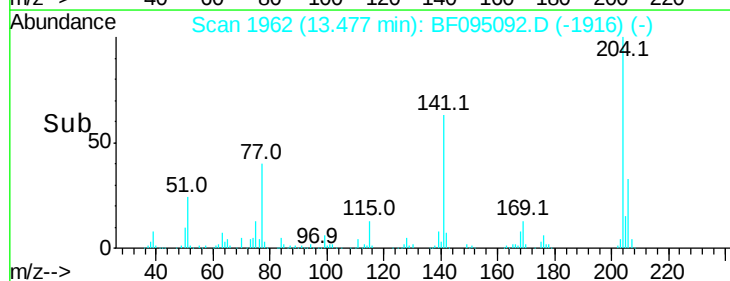
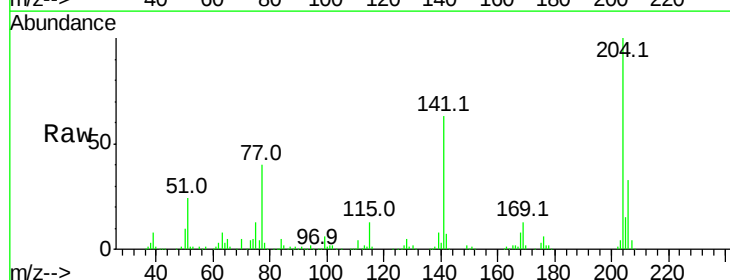
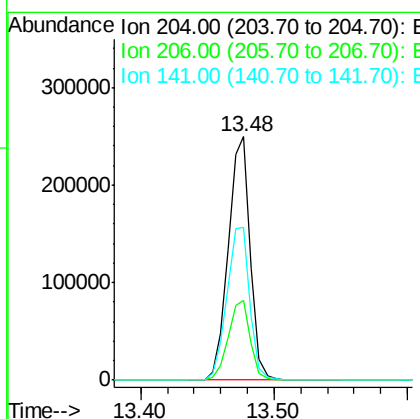
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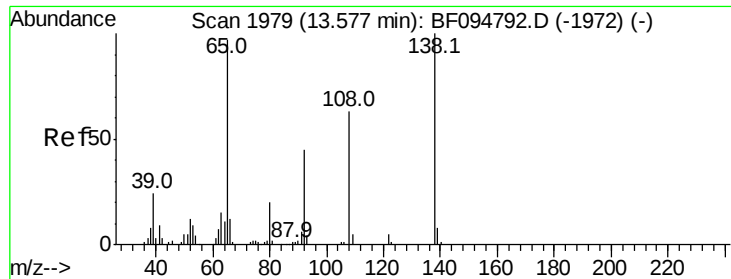
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 47.18 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	62.5	60.8	91.2





#61

4-Nitroaniline

Concen: 47.30 ng

RT: 13.57 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

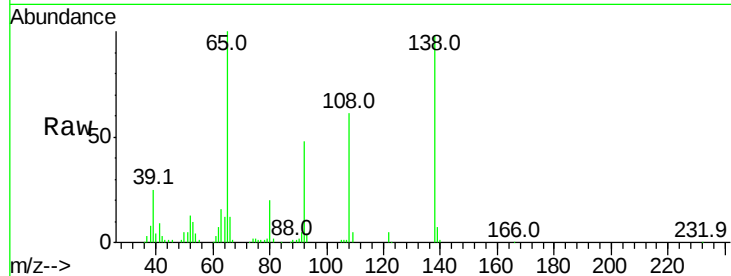
ClientSampleId :

SB-03-COMPMS

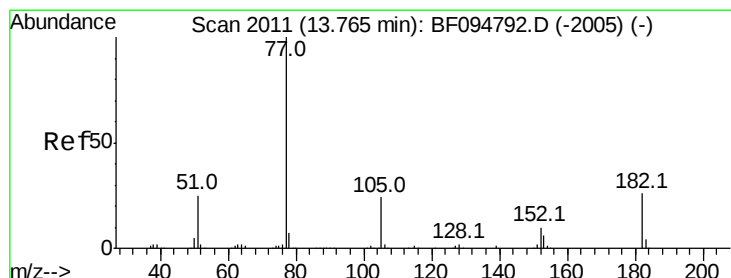
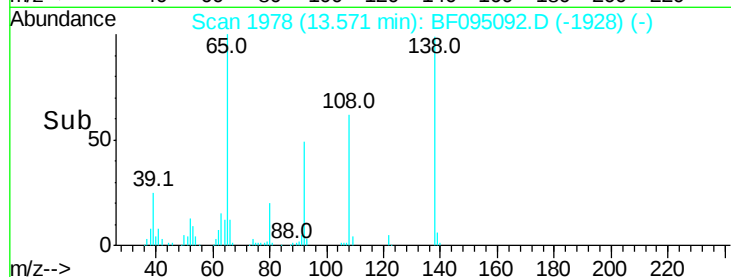
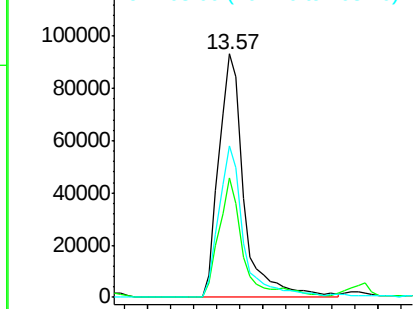
Tot Ion:	138	Resp:	141993
Ion Ratio	Lower	Upper	
138	100		
92	49.2	21.8	61.8
108	62.1	42.3	82.3

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



#62

Azobenzene

Concen: 53.02 ng

RT: 13.74 min Scan# 2006

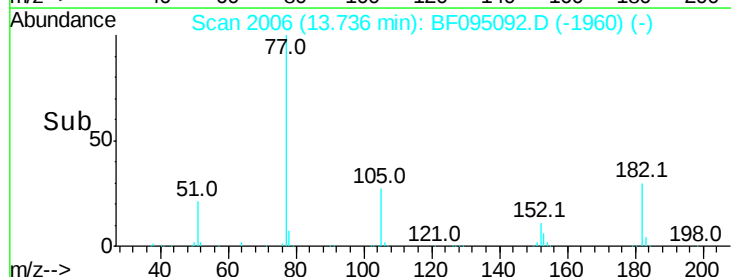
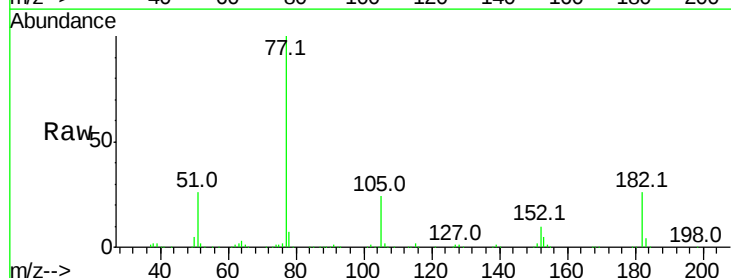
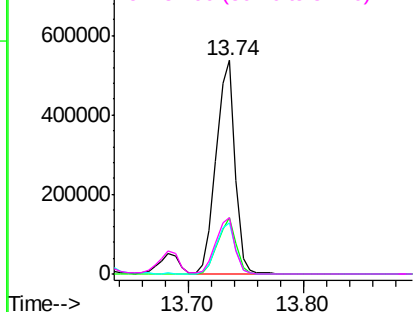
Delta R.T. -0.03 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	77	Resp:	609847
Ion Ratio	Lower	Upper	
77	100		
182	26.5	0.1	40.1
105	23.8	3.6	43.6
51	26.1	9.4	49.4

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





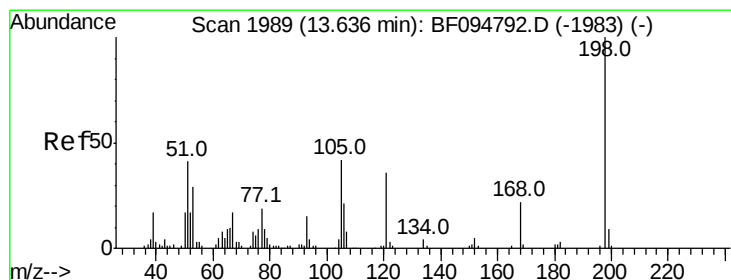
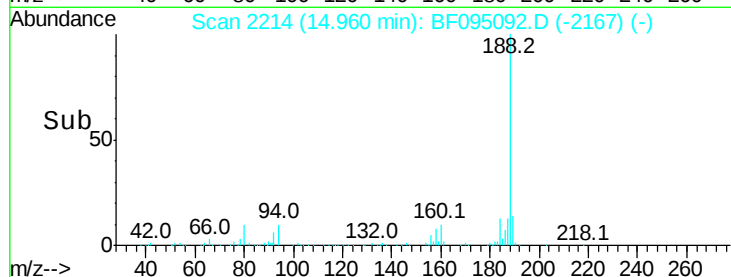
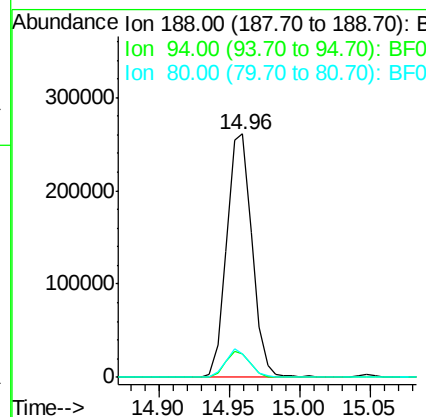
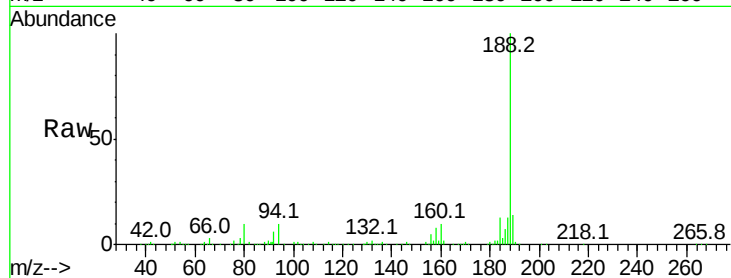
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8		9.4	14.2
80	9.9		10.2	15.2#

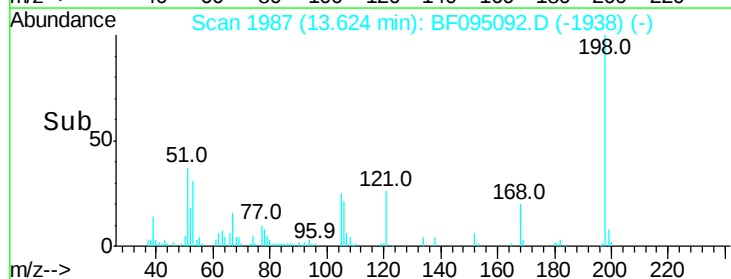
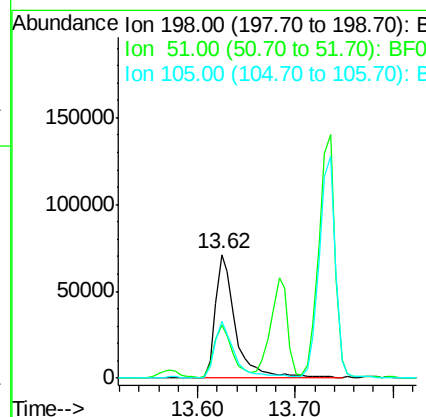
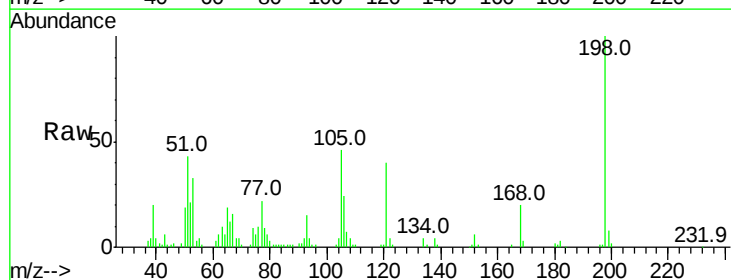
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.97 ng
 RT: 13.62 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.1		53.2	93.2#
105	46.2		45.8	85.8





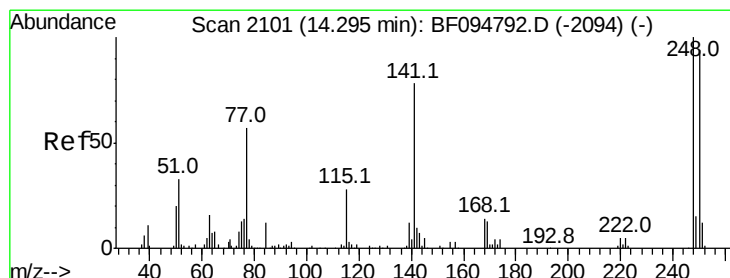
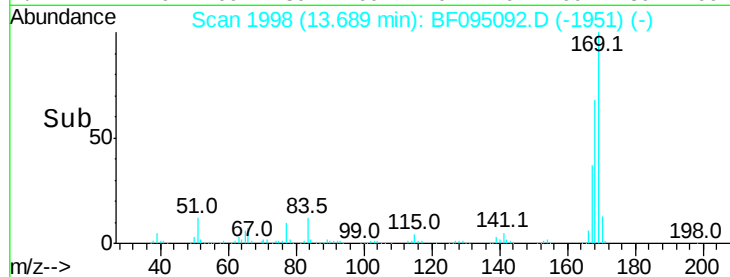
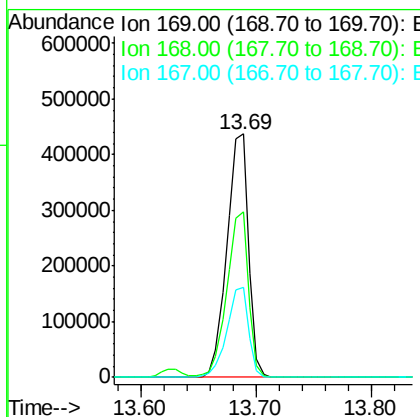
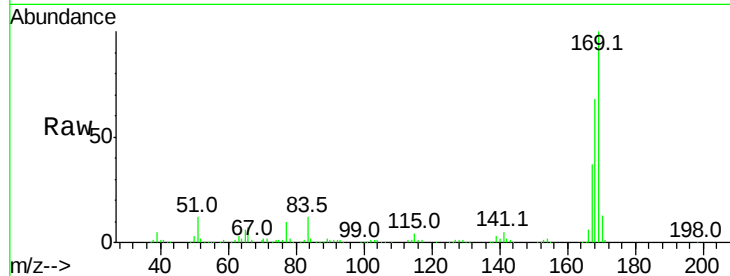
#65
n-Nitrosodiphenylamine
Concen: 47.69 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	562650		
168	67.9		53.2	79.8
167	37.1		29.5	44.3

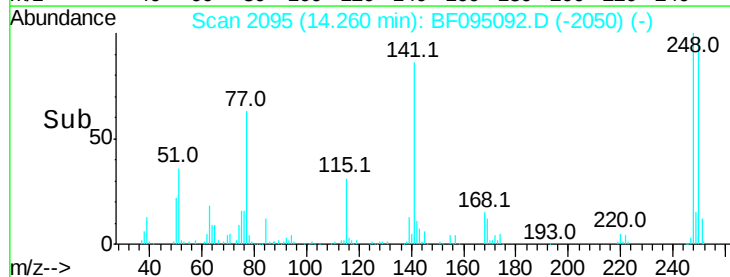
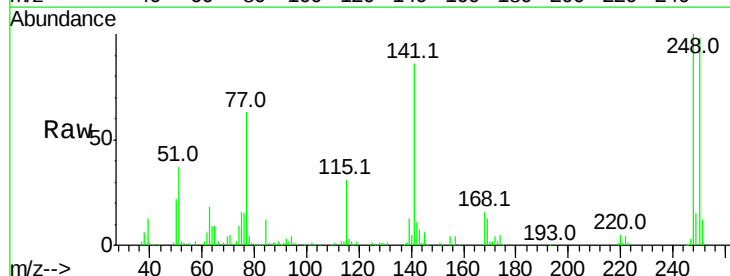
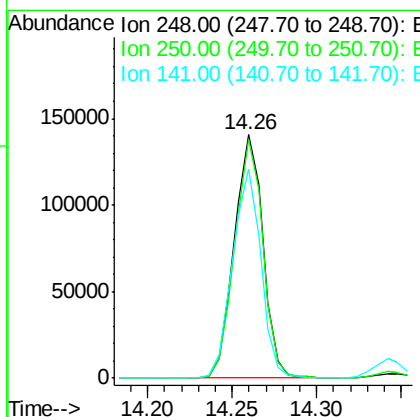
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#66
4-Bromophenyl-phenylether
Concen: 48.55 ng
RT: 14.26 min Scan# 2095
Delta R.T. -0.04 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166723		
250	97.8		76.8	115.2
141	86.0		68.6	103.0





#67

Hexachlorobenzene

Concen: 47.81 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

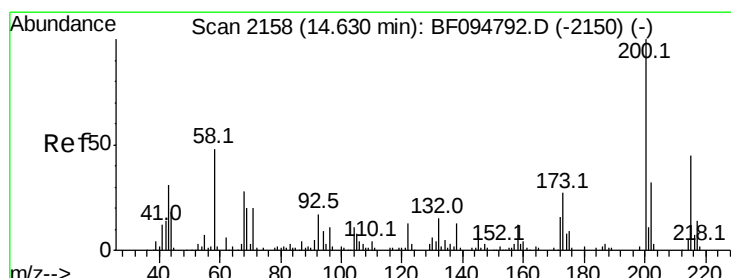
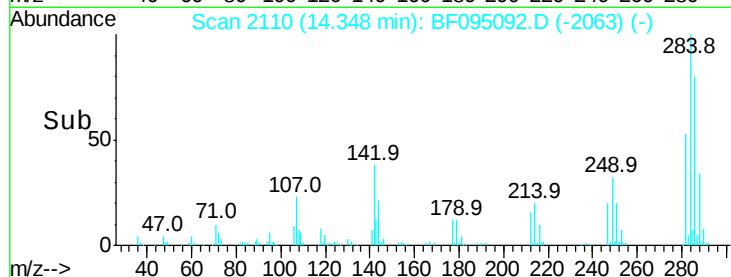
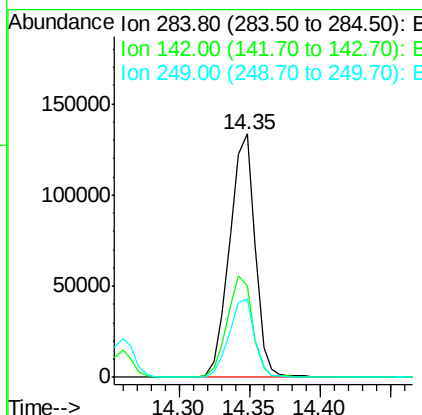
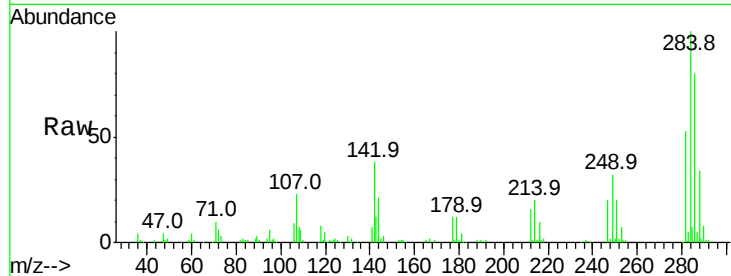
ClientSampleId :

SB-03-COMPMS

Tot Ion:	284	Resp:	168274
Ion Ratio		Lower	Upper
284	100		
142	37.6	22.8	34.2#
249	32.3	24.0	36.0

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#68

Atrazine

Concen: 51.71 ng

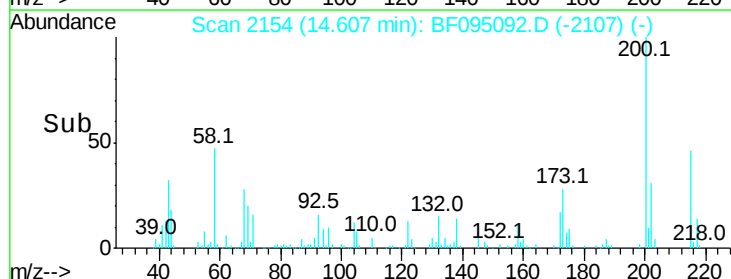
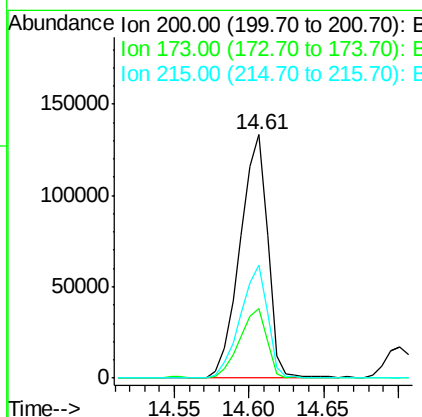
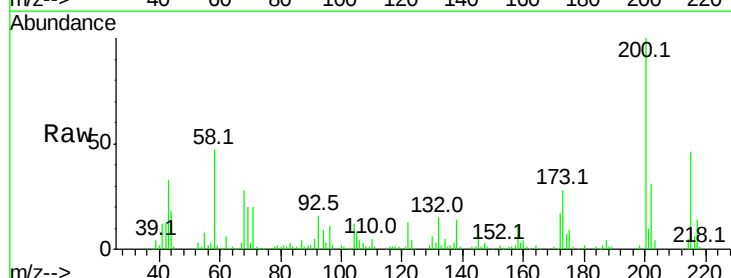
RT: 14.61 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	200	Resp:	172235
Ion Ratio		Lower	Upper
200	100		
173	28.5	6.3	46.3
215	46.3	27.2	67.2





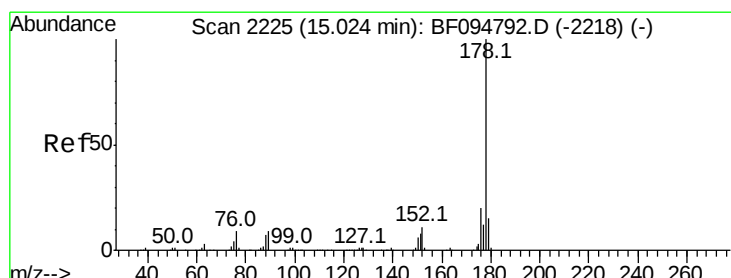
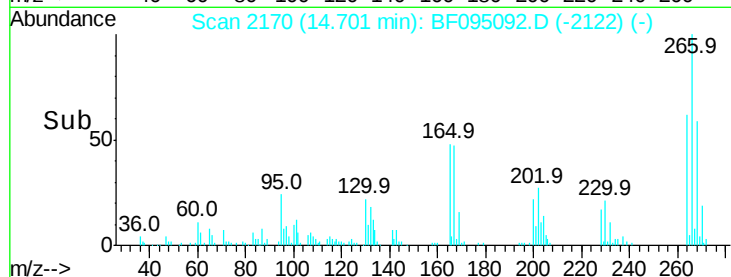
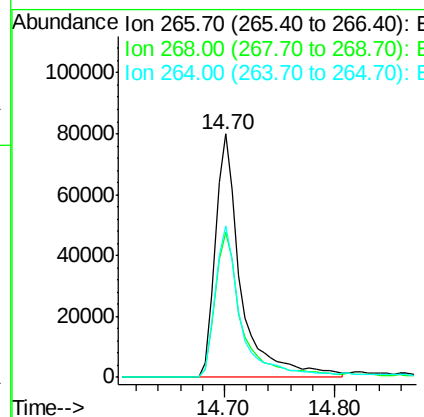
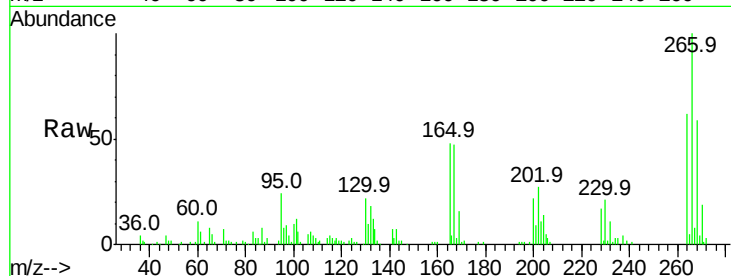
#69
 Pentachlorophenol
 Concen: 79.94 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127198		
268	59.4	51.1	76.7	
264	62.4	51.7	77.5	

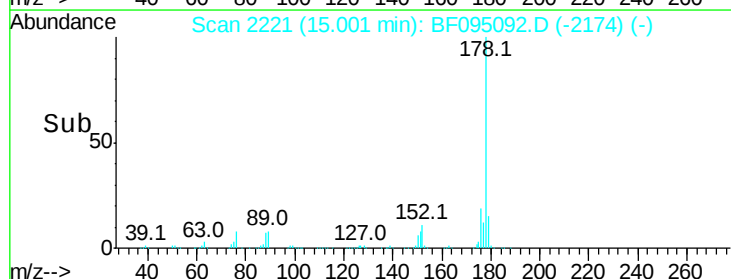
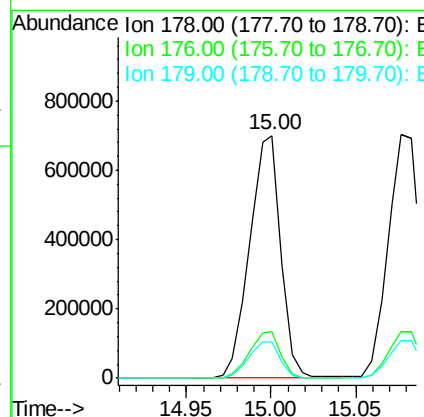
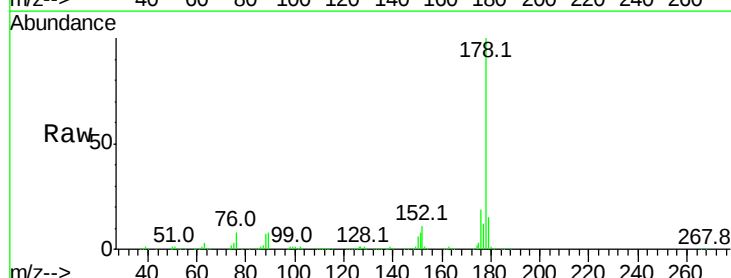
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#70
 Phenanthrene
 Concen: 48.20 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	900109		
176	19.3	16.2	24.4	
179	15.0	12.6	19.0	





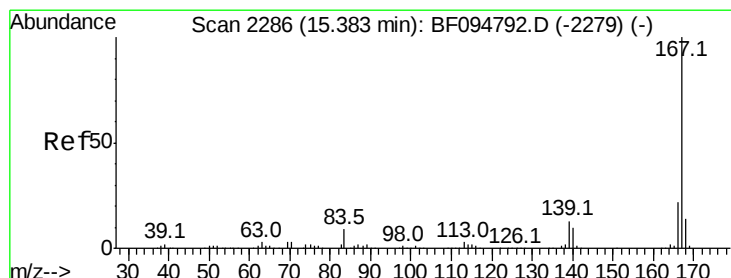
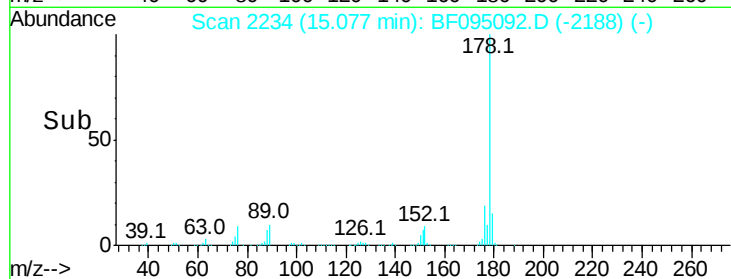
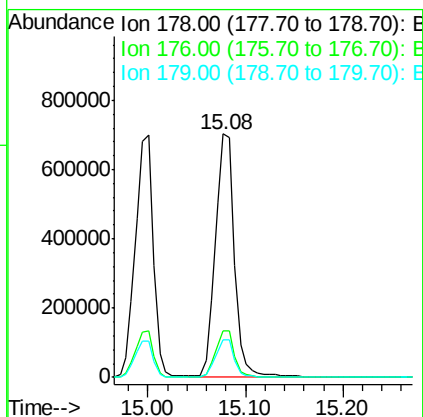
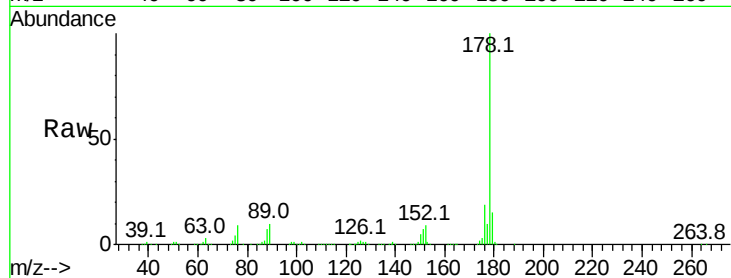
#71
 Anthracene
 Concen: 50.01 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	12.7	19.1

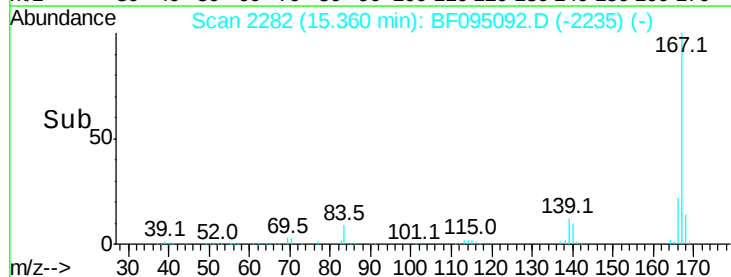
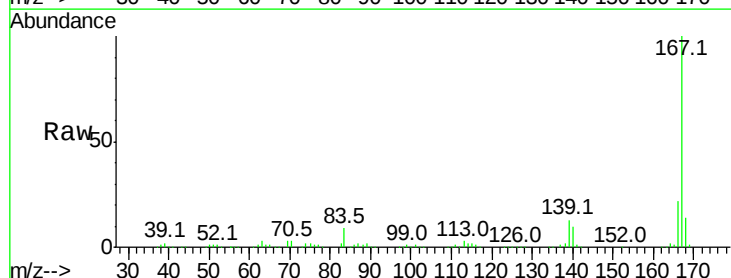
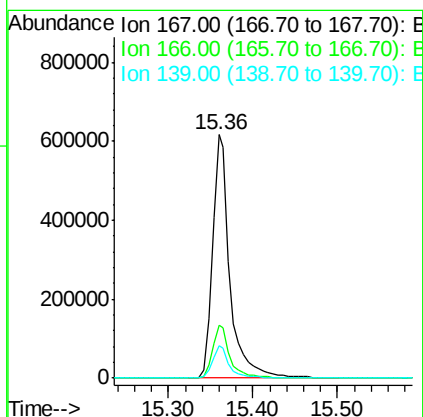
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#72
 Carbazole
 Concen: 51.86 ng
 RT: 15.36 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.2	11.7	17.5





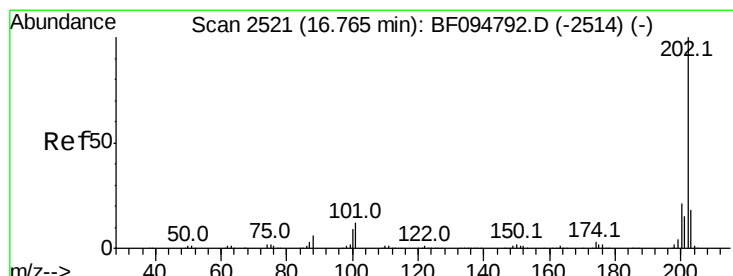
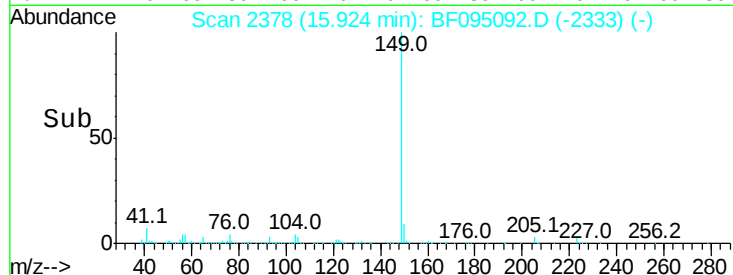
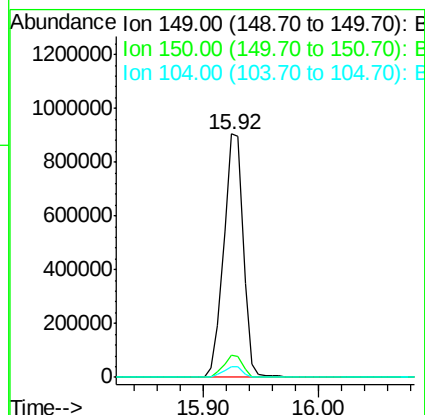
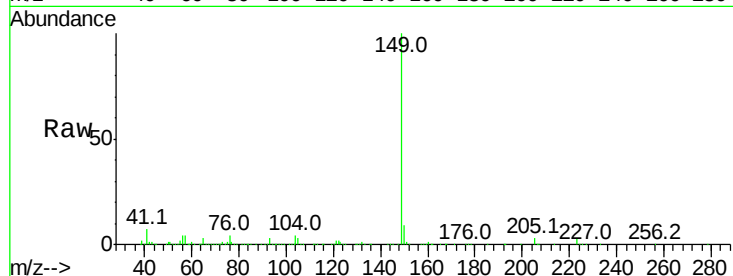
#73
Di-n-butylphthalate
Concen: 49.18 ng
RT: 15.92 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0

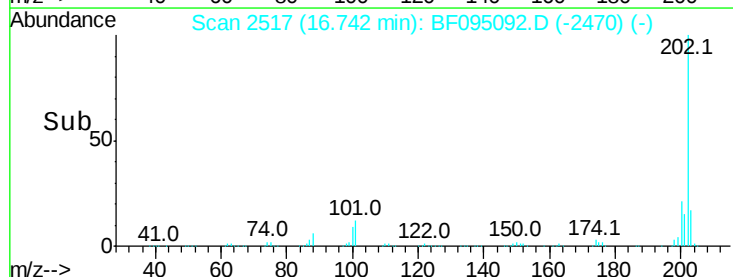
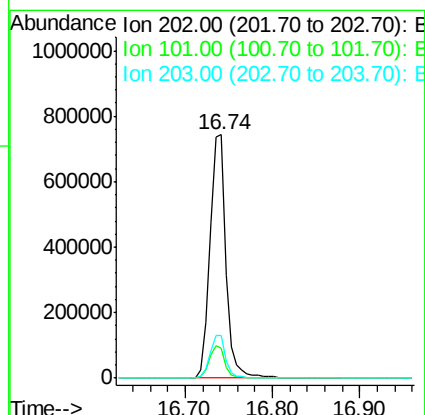
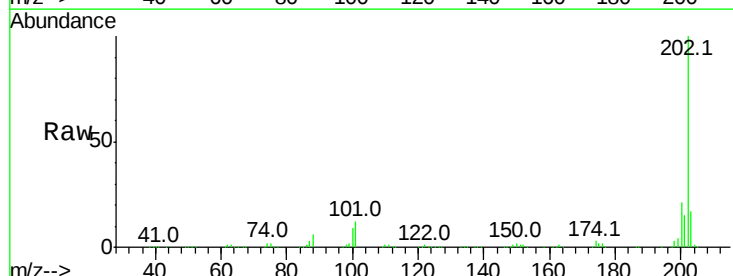
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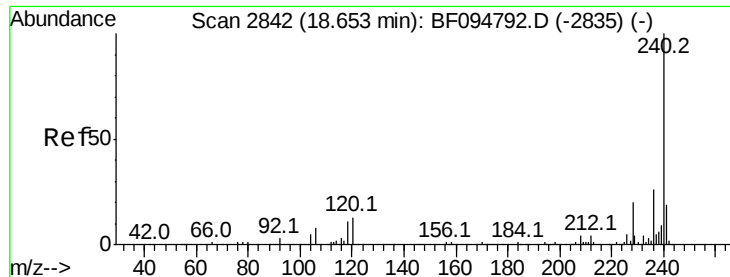
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#74
Fluoranthene
Concen: 49.62 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.5	0.0	38.1





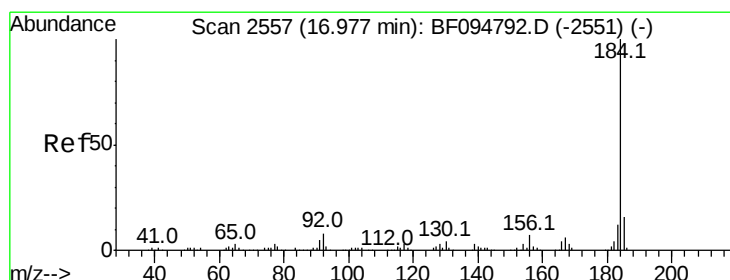
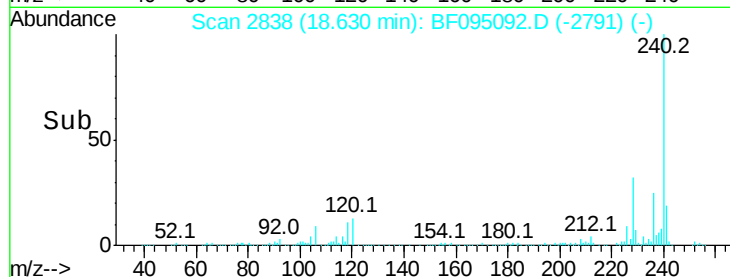
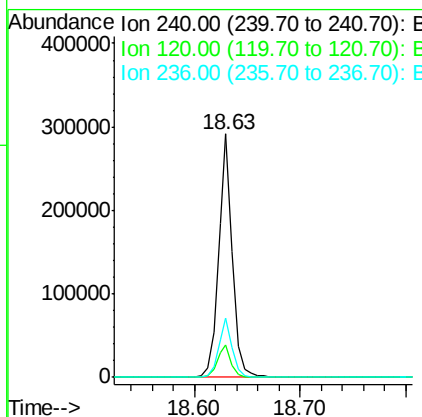
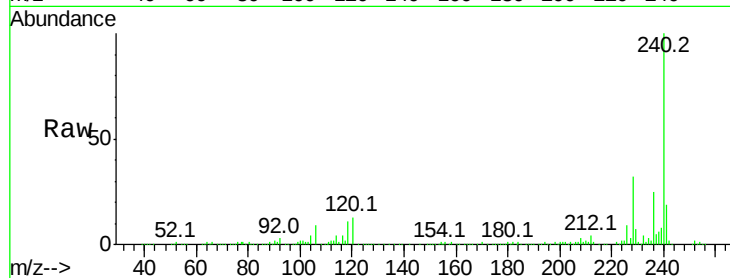
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	24.6	20.5	30.7

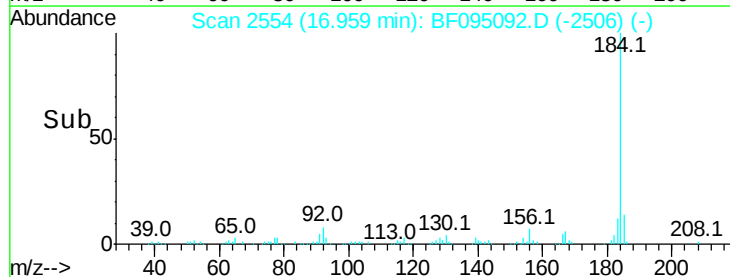
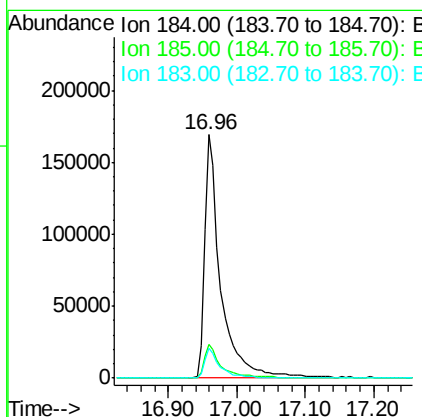
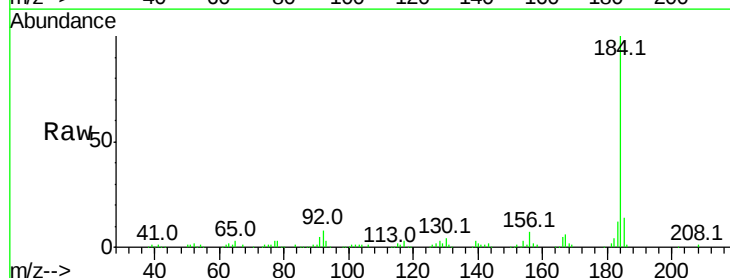
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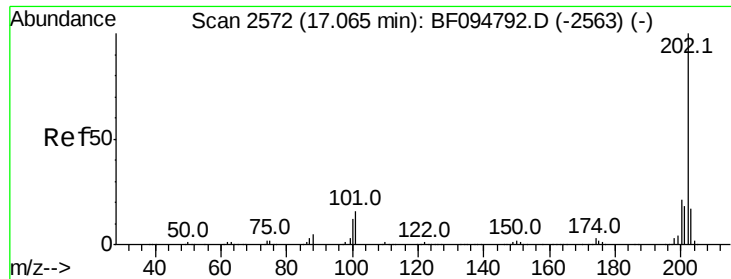
mohammad
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#76
Benzidine
Concen: 40.17 ng
RT: 16.96 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.1	9.8	14.6





#77

Pvrene

Concen: 48.67 ng

RT: 17.04 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

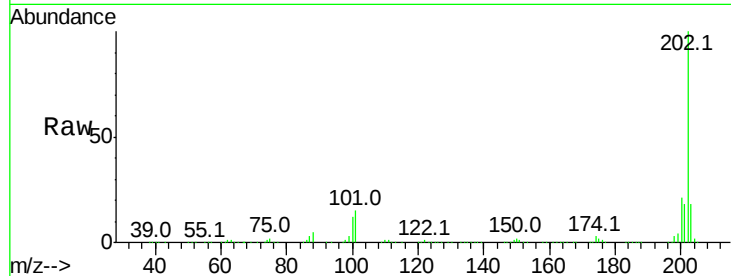
ClientSampleId :

SB-03-COMPMS

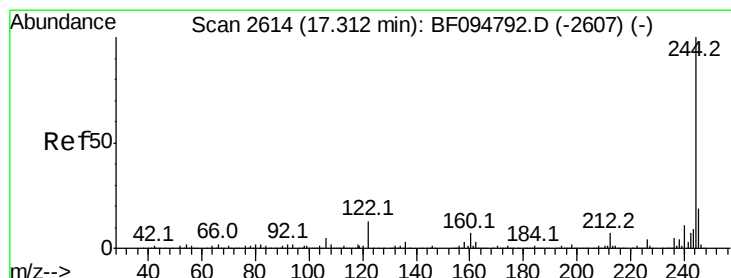
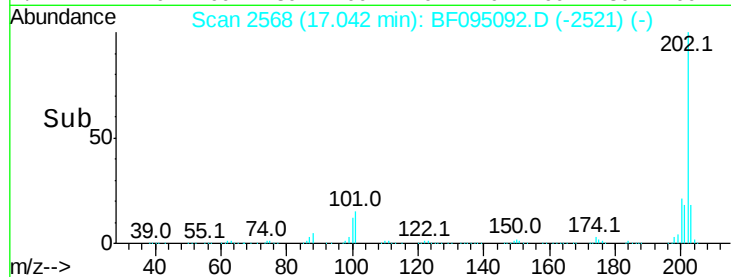
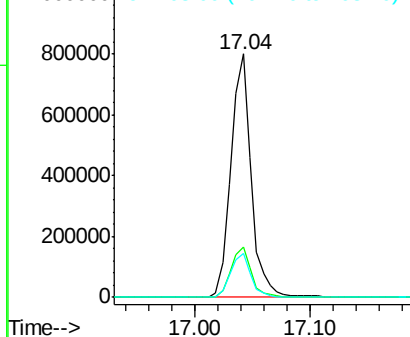
Tot Ion:	202	Resp:	970908
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.59 ng

RT: 17.28 min Scan# 2609

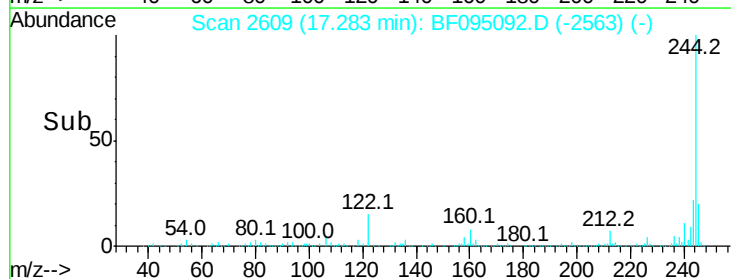
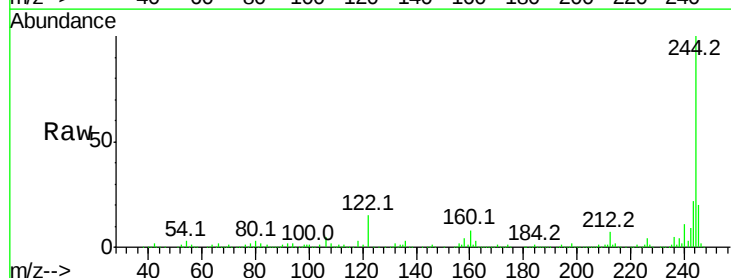
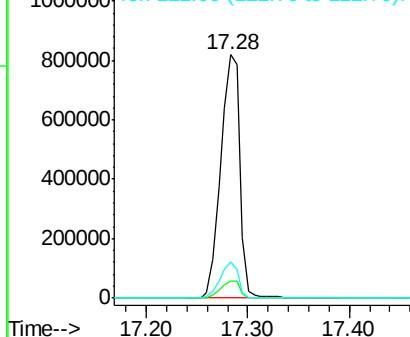
Delta R.T. -0.03 min

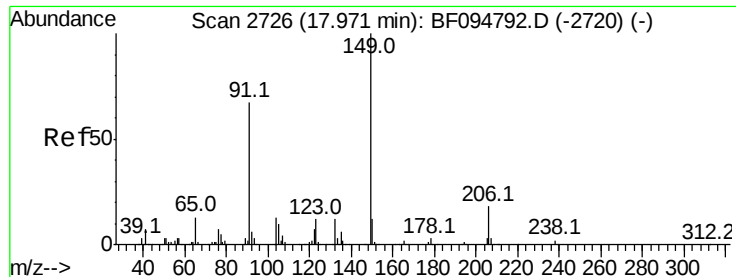
Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	244	Resp:	1072795
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	14.9	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.34 ng

RT: 17.94 min Scan# 2721

Delta R.T. -0.03 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

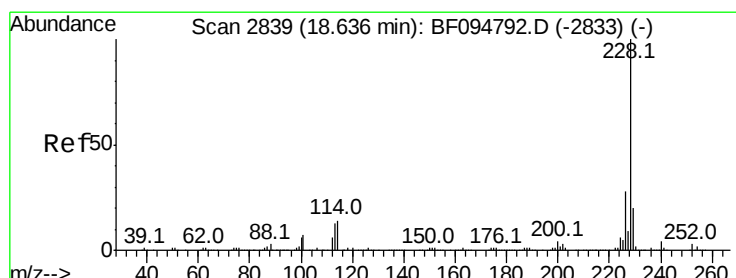
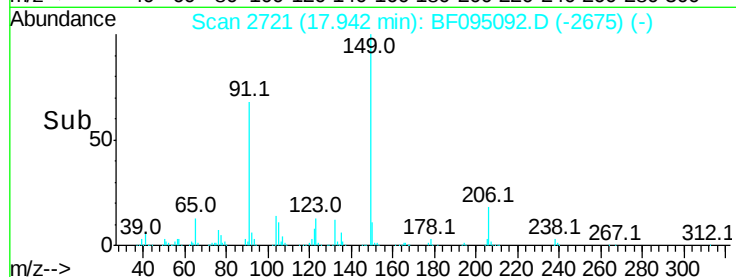
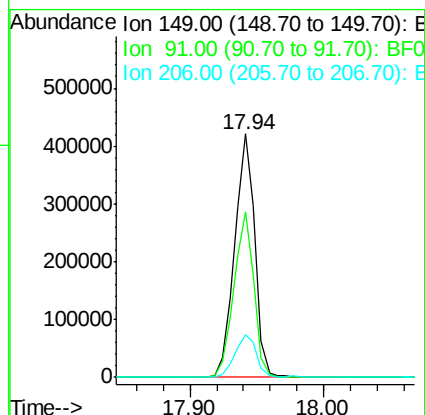
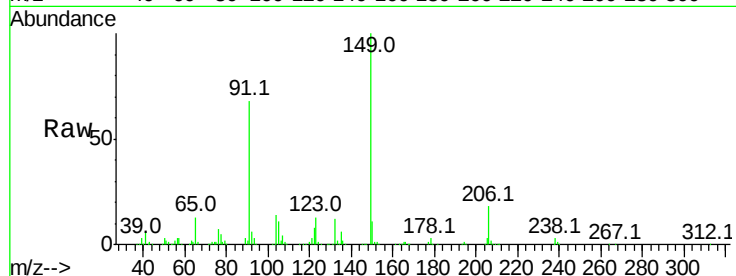
ClientSampleId :

SB-03-COMPMS

Tot Ion:	149	Resp:	448583
Ion Ratio	Lower	Upper	
149	100		
91	68.0	45.0	67.4#
206	17.7	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 47.57 ng

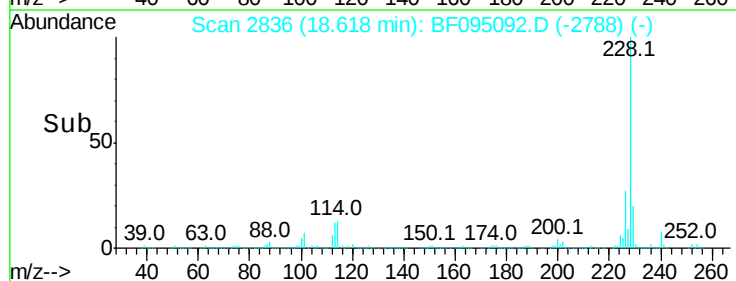
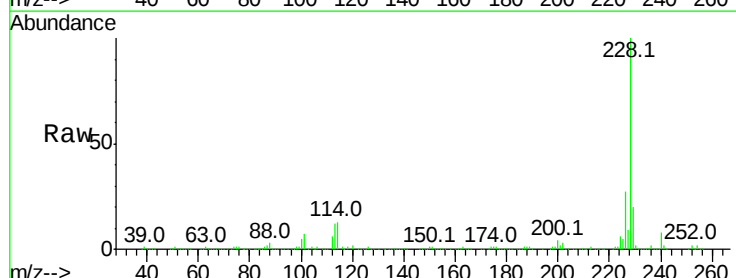
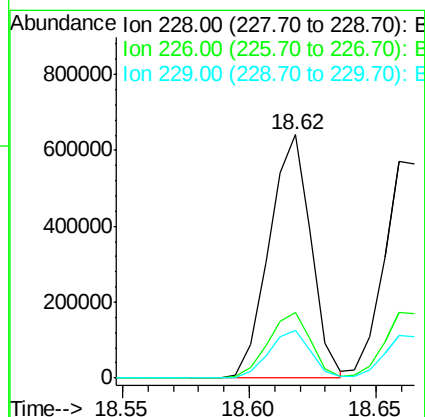
RT: 18.62 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	228	Resp:	738460
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	33.8
229	19.9	16.3	24.5





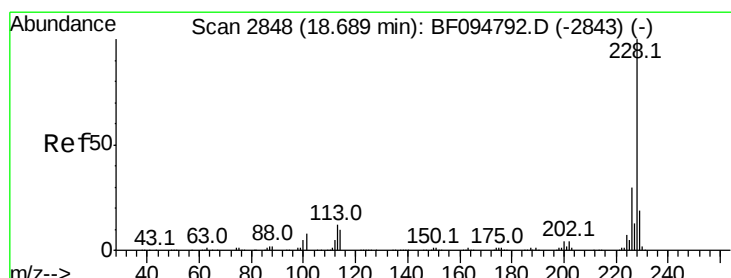
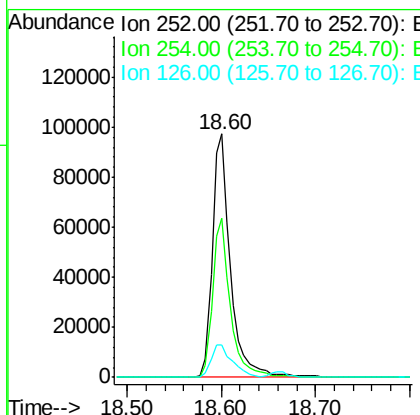
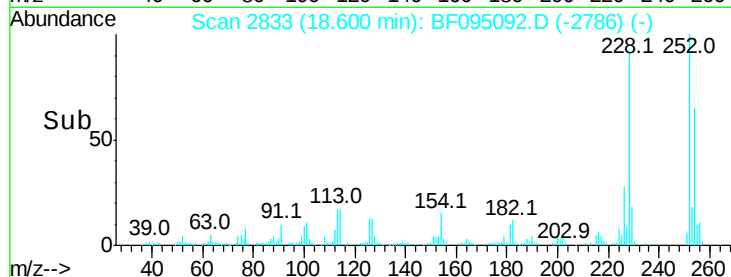
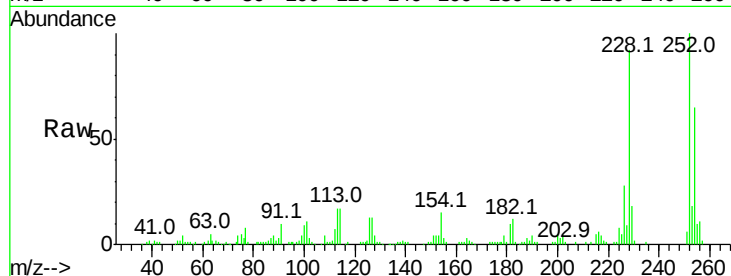
#81
 3,3'-Dichlorobenzidine
 Concen: 24.58 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	131792		
254	65.2	51.5	77.3	
126	13.4	15.8	23.8	

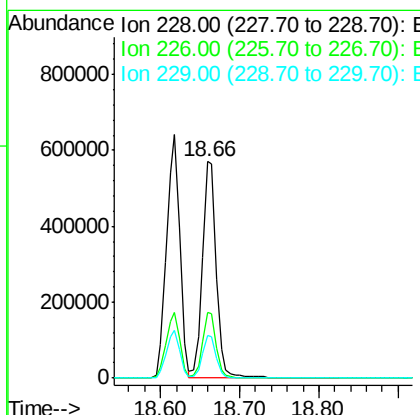
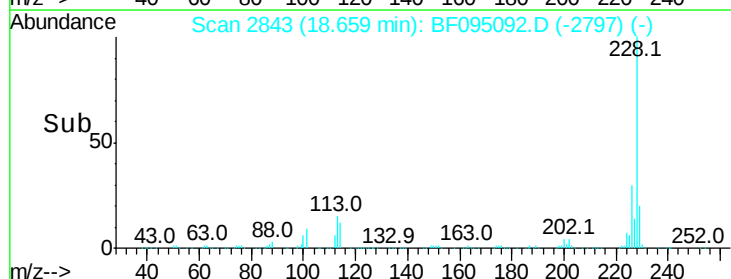
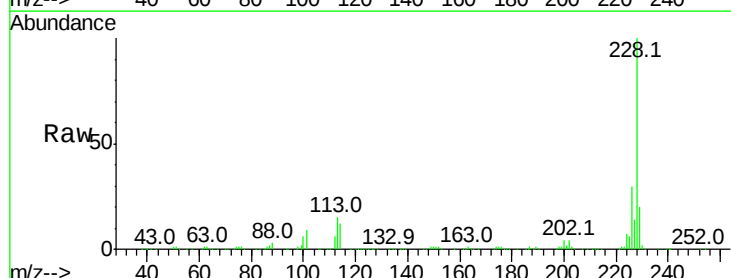
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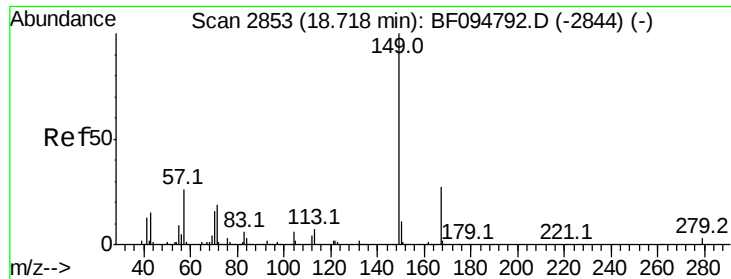
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#82
 Chrysene
 Concen: 46.96 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.03 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	704830		
226	30.2	24.9	37.3	
229	20.0	15.8	23.6	





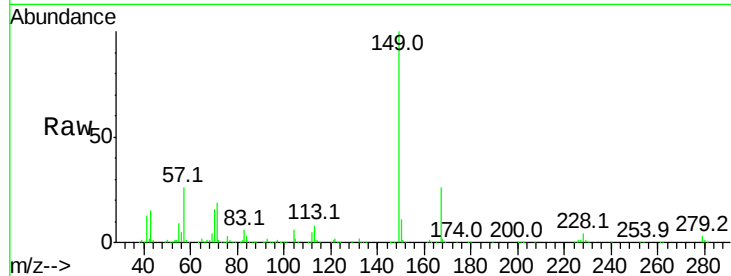
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.36 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.04 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

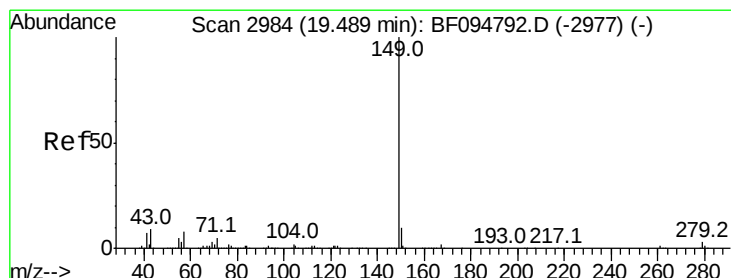
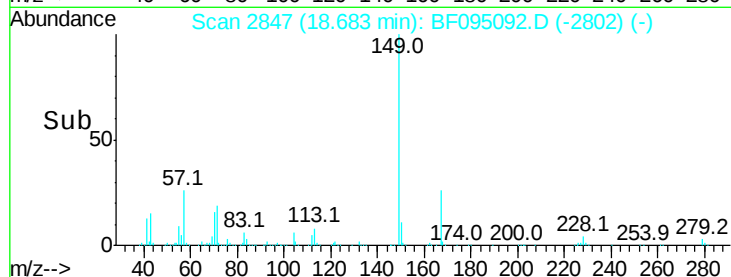
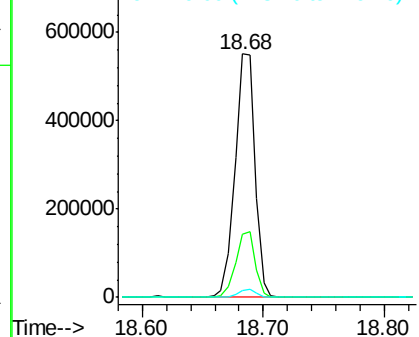
Tot Ion	Ratio	Resp	Lower	Upper
149	100	639316		
167	25.9		21.0	31.4
279	2.9		1.9	2.9#

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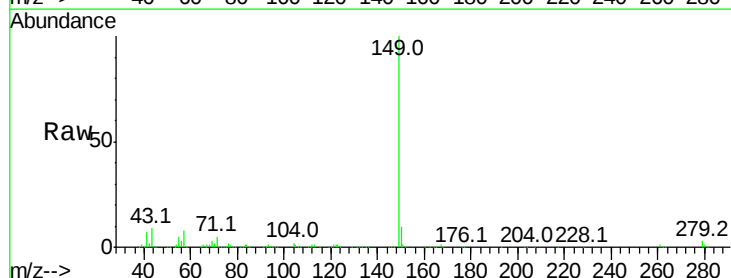


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

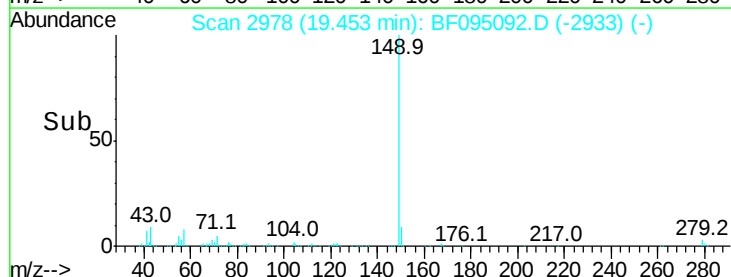
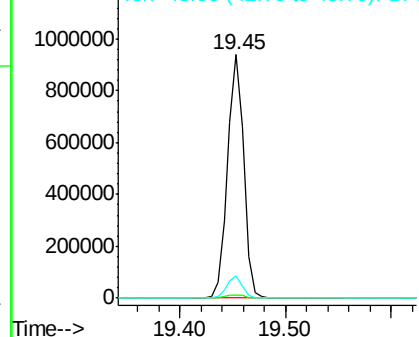


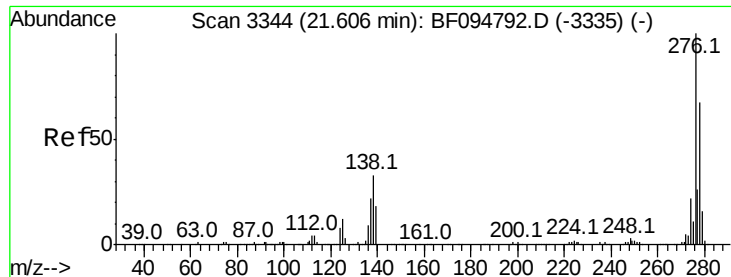
#84
 Di-n-octyl phthalate
 Concen: 46.62 ng
 RT: 19.45 min Scan# 2978
 Delta R.T. -0.04 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1010548		
167	1.5		1.2	1.8
43	8.6		8.5	12.7



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.84 ng

RT: 21.58 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

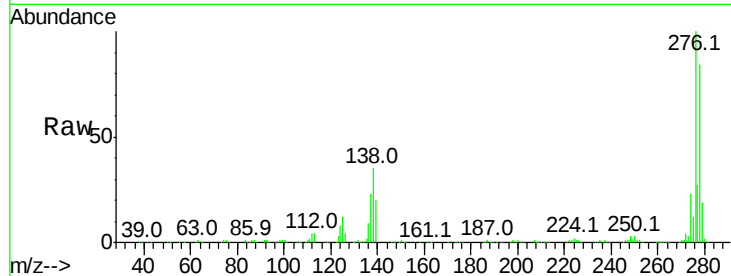
ClientSampleId :

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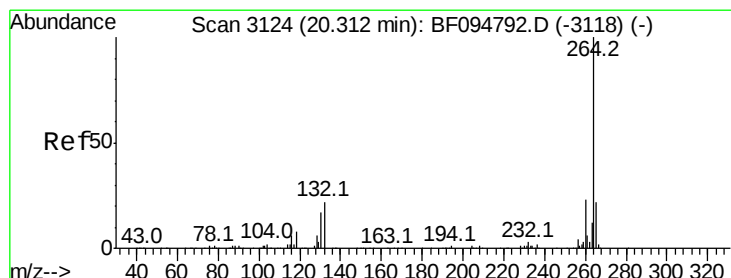
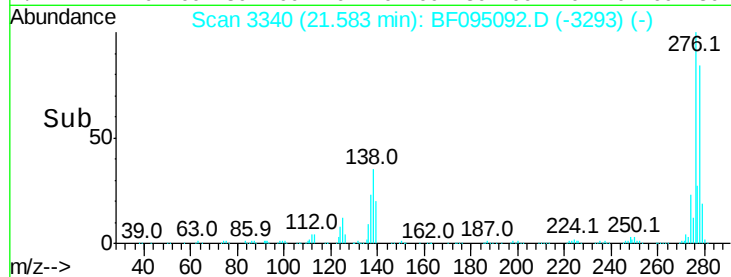
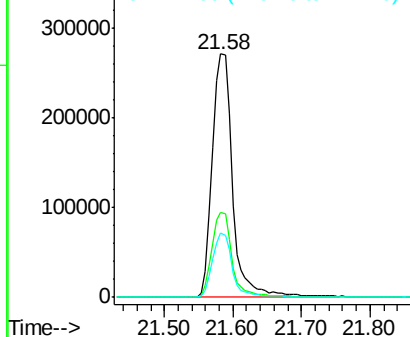
Tot Ion:	276	Resp:	558730
Ion Ratio	Lower	Upper	
276	100		
138	35.0	27.8	41.6
277	25.8	20.2	30.4

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



#86

Perylene-d12

Concen: 20.00 ng

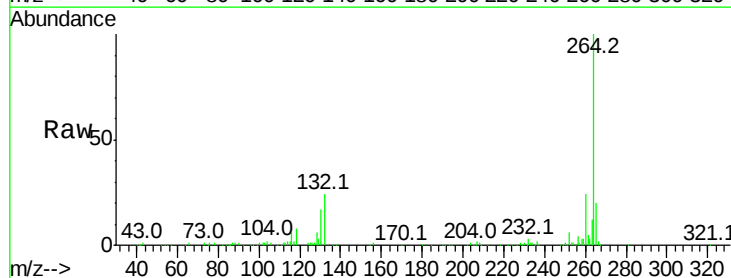
RT: 20.29 min Scan# 3121

Delta R.T. -0.02 min

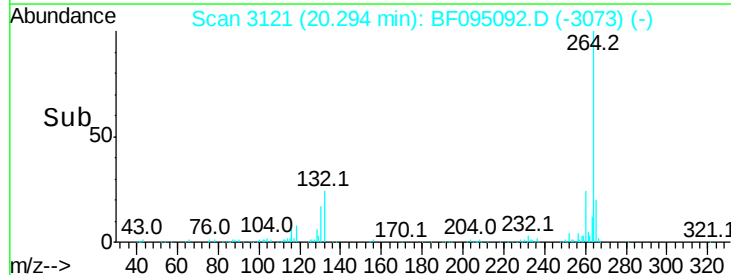
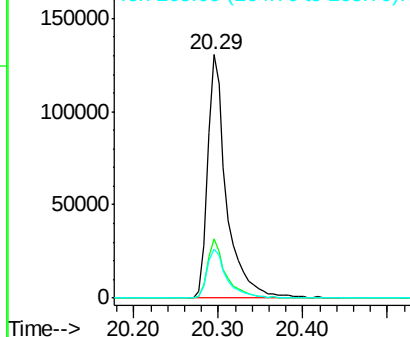
Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	264	Resp:	204488
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	20.3	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 46.81 ng

RT: 19.89 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Instrument :

BNA_F

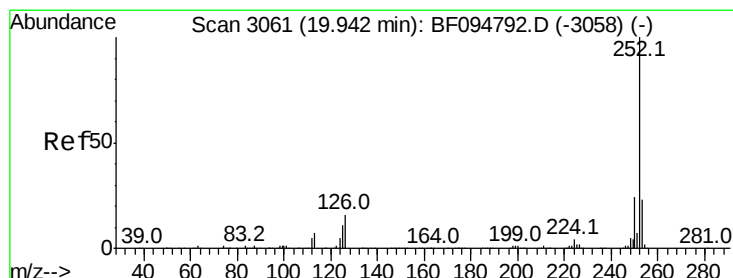
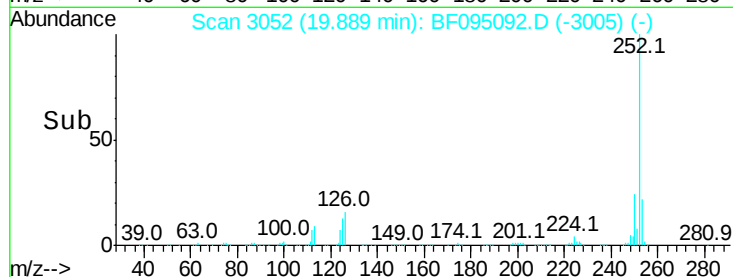
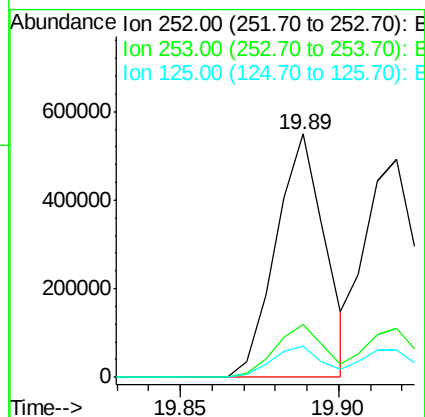
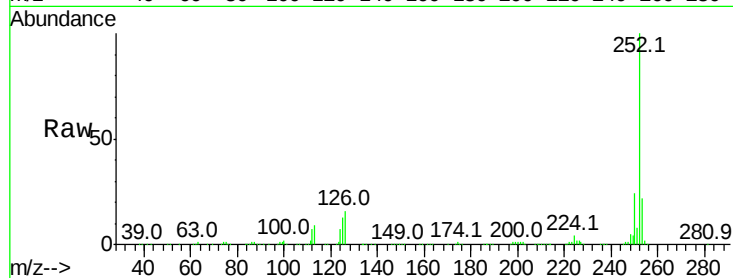
ClientSampleId :

SB-03-COMPMS

Tot Ion:	252	Resp:	591433
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	12.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 50.57 ng

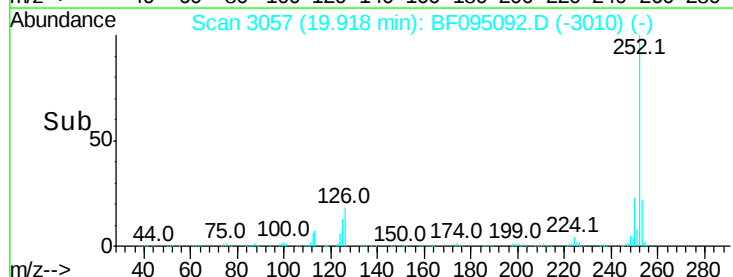
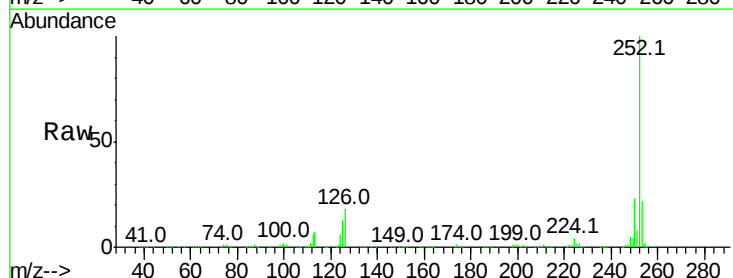
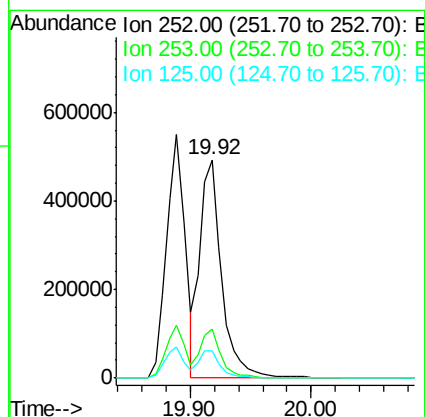
RT: 19.92 min Scan# 3057

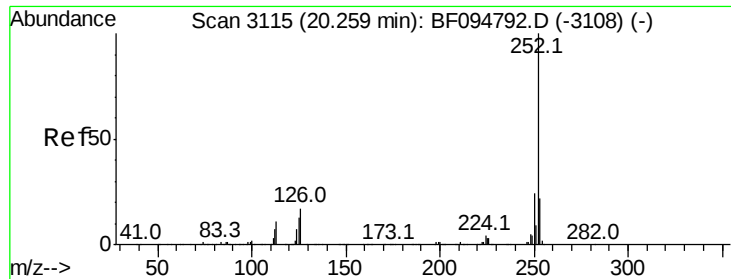
Delta R.T. -0.02 min

Lab File: BF095092.D

Acq: 11 May 2017 21:45

Tgt Ion:	252	Resp:	616357
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	12.8	13.1	19.7#





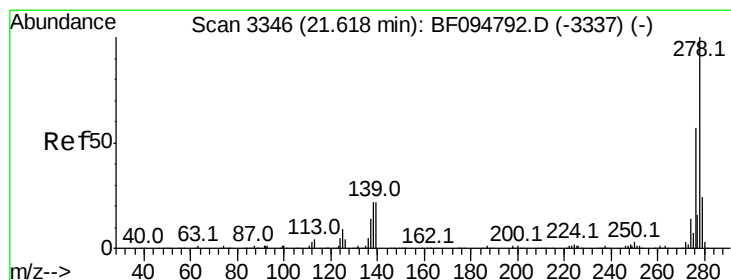
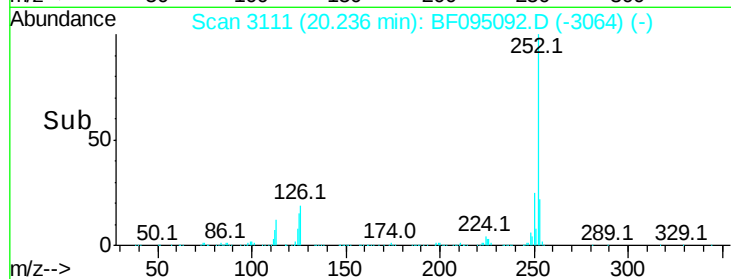
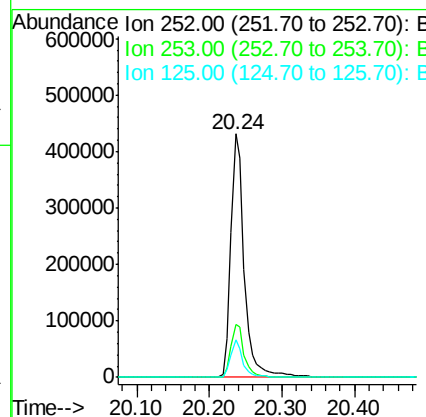
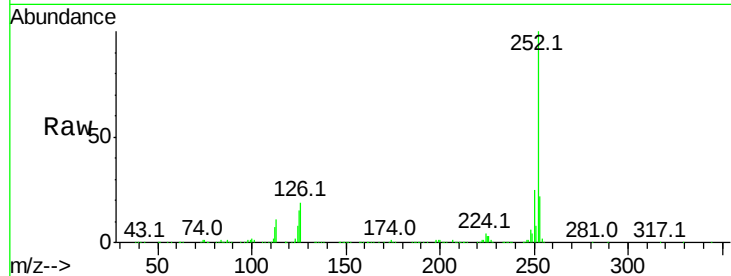
#89
Benzo(a)pyrene
Concen: 47.38 ng
RT: 20.24 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.7	17.5	26.3	
125	15.4	11.0	16.4	

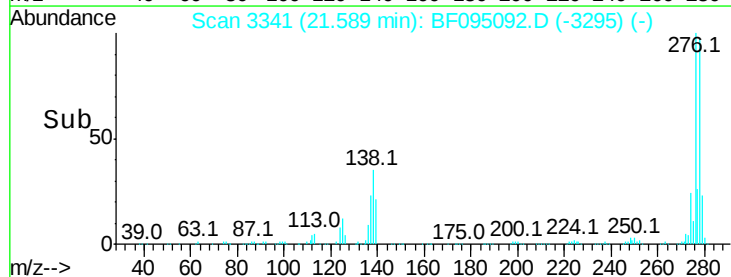
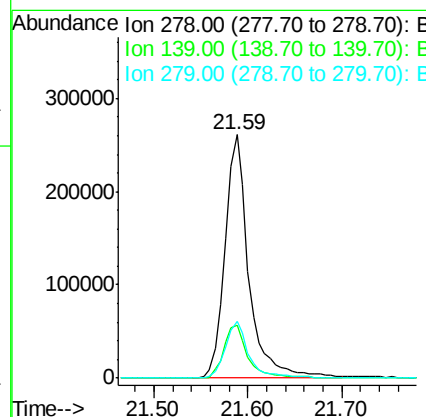
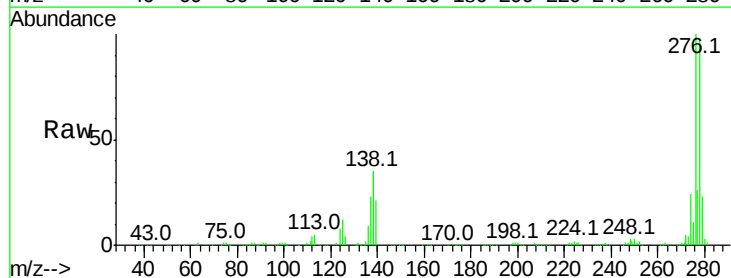
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#90
Dibenzo(a,h)anthracene
Concen: 48.03 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BF095092.D
Acq: 11 May 2017 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	21.8	16.6	24.8	
279	23.4	19.3	28.9	





#91
 Benzo(a,h,i)perylene
 Concen: 50.34 ng
 RT: 21.95 min Scan# 3403
 Delta R.T. -0.02 min
 Lab File: BF095092.D
 Acq: 11 May 2017 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMS

Tot Ion:	276	Resp:	475665
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.6	28.0
138	29.4	25.4	38.0

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