

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095197.D
 Acq On : 17 May 2017 21:43
 Operator : SJ/MA
 Sample : I3157-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Manual Integrations
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mohammad
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Quant Time: May 18 09:03:08 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	7.78	152	81167	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	359389	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	166108	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	306538	20.00	ng	0.04
75) Chrysene-d12	18.69	240	243469	20.00	ng	0.04
86) Perylene-d12	20.37	264	157830	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	848787	174.35	ng	0.08
7) Phenol-d6	7.32	99	997327	170.74	ng	0.05
23) Nitrobenzene-d5	8.68	82	584233	102.51	ng	0.05
41) 2,4,6-Tribromophenol	13.92	330	212850	156.46	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1063246	92.13	ng	0.04
78) Terphenyl-d14	17.35	244	992167	89.76	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	100847	42.24	ng	97
3) Pyridine	3.01	79	258309m	46.68	ng	
4) n-Nitrosodimethylamine	2.94	42	87310	37.85	ng	82
6) Aniline	7.29	93	302918	41.08	ng	96
8) 2-Chlorophenol	7.47	128	320792	57.89	ng	95
9) Benzaldehyde	7.11	77	126712	35.52	ng	96
10) Phenol	7.34	94	364416	59.20	ng	90
11) bis(2-Chloroethyl)ether	7.41	93	279568	55.02	ng	97
12) 1,3-Dichlorobenzene	7.68	146	328338	52.24	ng	98
13) 1,4-Dichlorobenzene	7.80	146	315374	49.47	ng	97
14) 1,2-Dichlorobenzene	8.04	146	302477	50.84	ng	96
15) Benzyl Alcohol	8.06	79	235471	62.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	356159	49.52	ng	66
17) 2-Methylphenol	8.27	107	254535	56.13	ng	# 88
18) Hexachloroethane	8.55	117	111704	51.73	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	221197	55.99	ng	94
20) 3+4-Methylphenols	8.53	107	342642	55.60	ng	# 58
22) Acetophenone	8.45	105	434058	50.34	ng	# 83
24) Nitrobenzene	8.71	77	303078	50.73	ng	94
25) Isophorone	9.11	82	495706	48.71	ng	95
26) 2-Nitrophenol	9.21	139	159623	49.52	ng	98
27) 2,4-Dimethylphenol	9.34	122	262067	50.28	ng	97
28) bis(2-Chloroethoxy)methane	9.47	93	348891	49.56	ng	100
29) 2,4-Dichlorophenol	9.63	162	266792	54.22	ng	97
30) 1,2,4-Trichlorobenzene	9.71	180	255985	48.56	ng	98
31) Naphthalene	9.82	128	881883	48.82	ng	99
32) Benzoic acid	9.62	122	29224	12.72	ng	92
33) 4-Chloroaniline	10.00	127	65920	9.79	ng	# 93
34) Hexachlorobutadiene	10.04	225	124654	44.81	ng	98
35) Caprolactam	10.60	113	66538m	45.03	ng	
36) 4-Chloro-3-methylphenol	10.82	107	275311	52.33	ng	91
37) 2-Methylnaphthalene	10.95	142	603249	50.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	233005	45.61	ng	99
40) Hexachlorocyclopentadiene	11.20	237	137069	65.05	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	174839	51.26	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	161136	43.96	nq	# 92
45) 1,1'-Biphenyl	11.71	154	675888	48.33	nq	98
46) 2-Chloronaphthalene	11.73	162	521026	46.14	nq	95
47) 2-Nitroaniline	11.95	65	151689	49.08	nq	# 83
48) Acenaphthylene	12.39	152	807400	45.65	nq	99
49) Dimethylphthalate	12.27	163	813728	59.67	nq	99
50) 2,6-Dinitrotoluene	12.36	165	132770	47.72	nq	93
51) Acenaphthene	12.68	154	506496	47.94	nq	99
52) 3-Nitroaniline	12.64	138	71635	23.99	nq	90
53) 2,4-Dinitrophenol	12.85	184	63135	44.23	nq	# 67
54) Dibenzofuran	12.96	168	776184	53.09	nq	98
55) 4-Nitrophenol	13.02	139	161349	89.97	nq	# 69
56) 2,4-Dinitrotoluene	13.03	165	198177	55.44	nq	# 91
57) Fluorene	13.52	166	566854	44.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	118394	51.32	nq	# 95
59) Diethylphthalate	13.41	149	556605	42.59	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	244674	43.79	nq	92
61) 4-Nitroaniline	13.64	138	120800	44.07	nq	95
62) Azobenzene	13.80	77	566510	53.94	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	87666	42.66	nq	# 70
65) n-Nitrosodiphenylamine	13.75	169	538917	48.44	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	149203	46.07	nq	97
67) Hexachlorobenzene	14.41	284	150798	45.44	nq	# 86
68) Atrazine	14.67	200	149701	47.66	nq	95
69) Pentachlorophenol	14.77	266	118070	78.78	nq	99
70) Phenanthrene	15.07	178	843028	47.86	nq	98
71) Anthracene	15.15	178	885514	49.22	nq	98
72) Carbazole	15.42	167	850213	51.94	nq	98
73) Di-n-butylphthalate	15.99	149	925647	45.34	nq	98
74) Fluoranthene	16.80	202	871426	48.23	nq	99
76) Benzidine	17.02	184	340365	51.18	nq	# 92
77) Pyrene	17.11	202	865400	47.53	nq	99
79) Butylbenzylphthalate	18.00	149	395321	46.68	nq	88
80) Benzo(a)anthracene	18.68	228	672921	47.49	nq	99
81) 3,3'-Dichlorobenzidine	18.66	252	135595	27.71	nq	# 96
82) Chrysene	18.72	228	618201	45.12	nq	100
83) Bis(2-ethylhexyl)phthalate	18.74	149	489036	40.53	nq	# 100
84) Di-n-octyl phthalate	19.51	149	858746	43.41	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	445920	40.08	nq	98
87) Benzo(b)fluoranthene	19.96	252	449512	46.09	nq	98
88) Benzo(k)fluoranthene	19.99	252	472909	50.27	nq	# 95
89) Benzo(a)pyrene	20.31	252	429907	47.77	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	363699	48.94	nq	98
91) Benzo(g,h,i)perylene	22.08	276	386223	52.95	nq	97

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

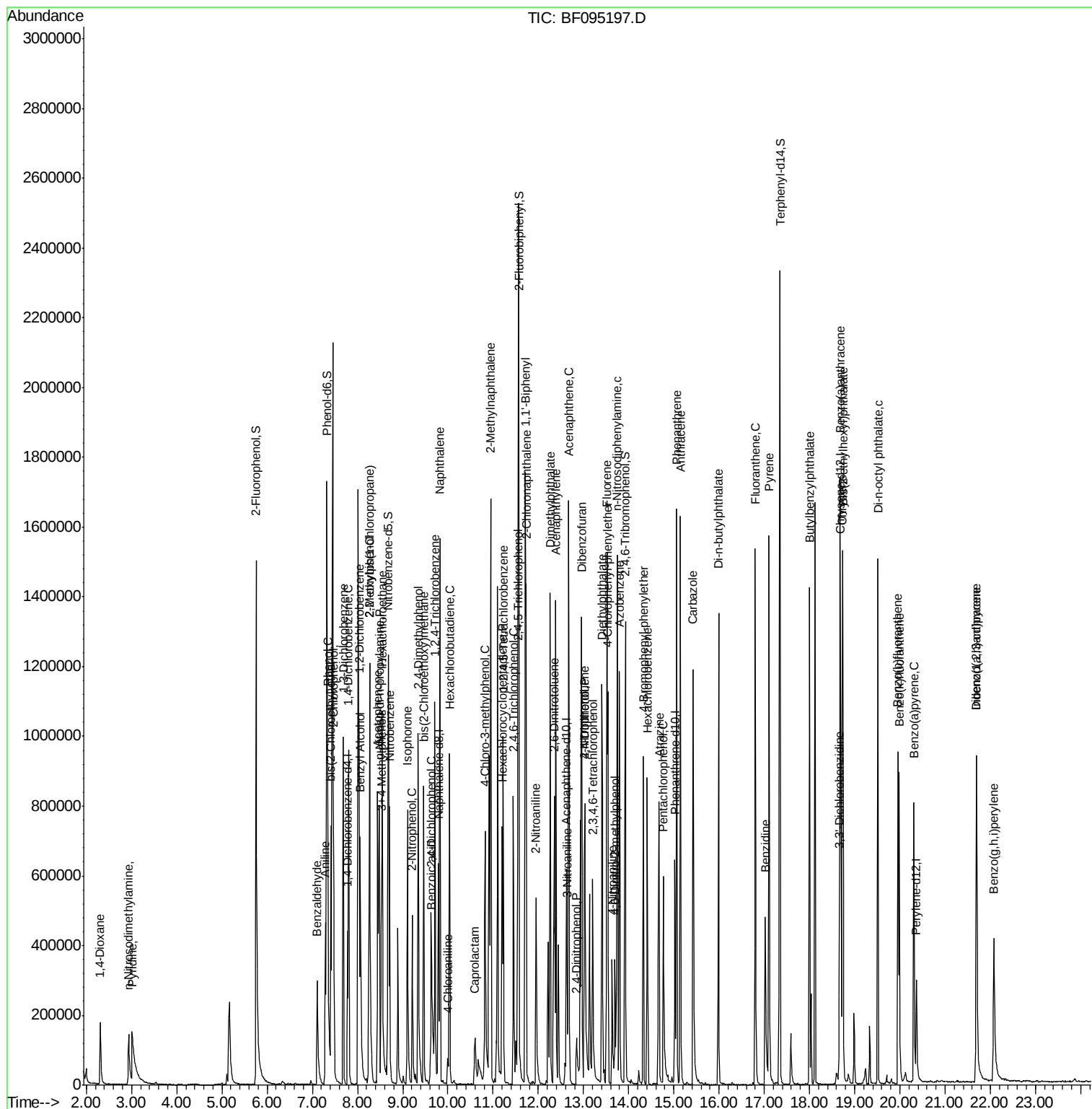
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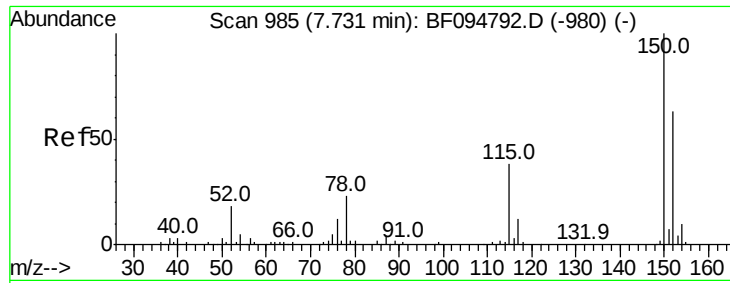
Instrument :
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#1

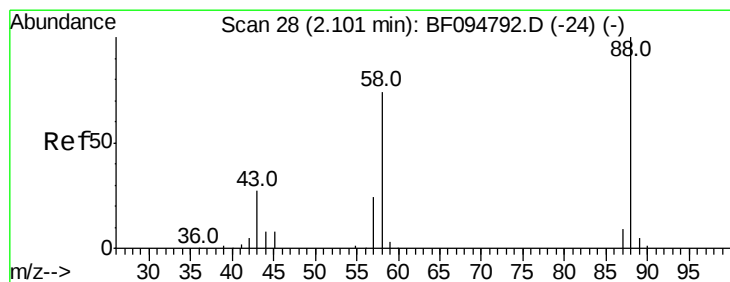
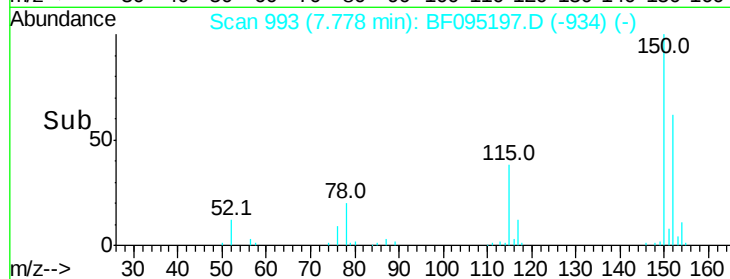
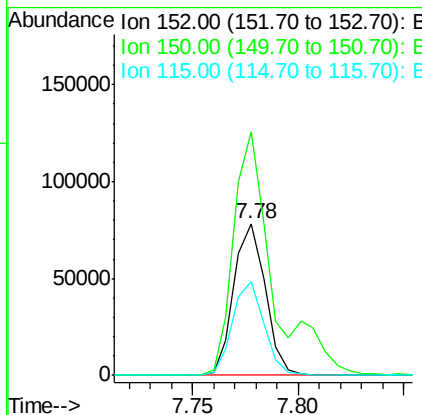
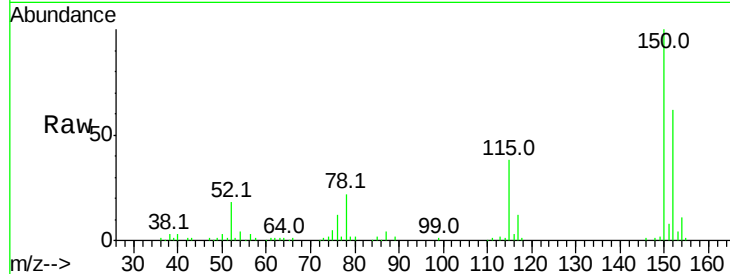
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	61.6	52.2	78.2

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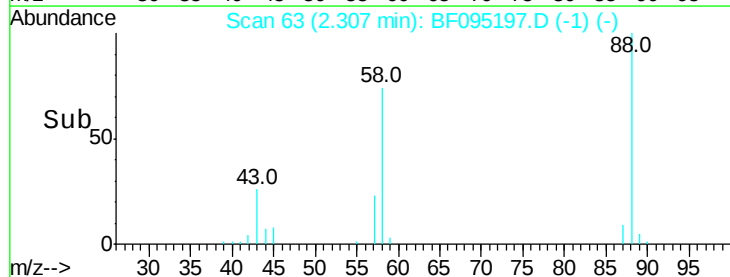
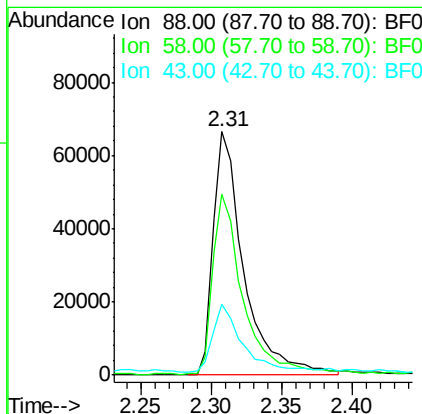
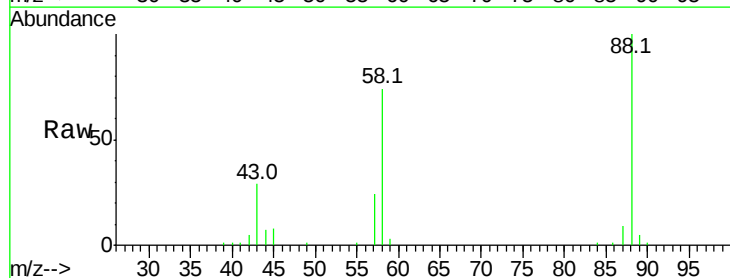
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#2

1,4-Dioxane
Concen: 42.24 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.21 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	61.4	92.0
43	27.2	23.4	35.0





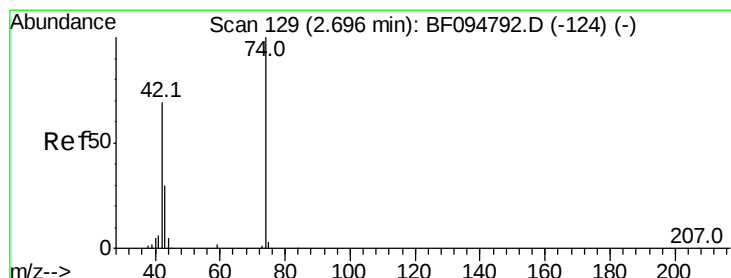
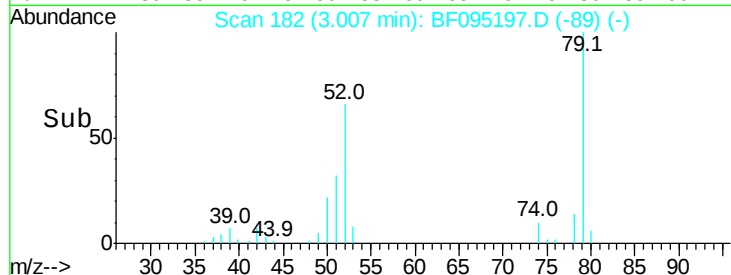
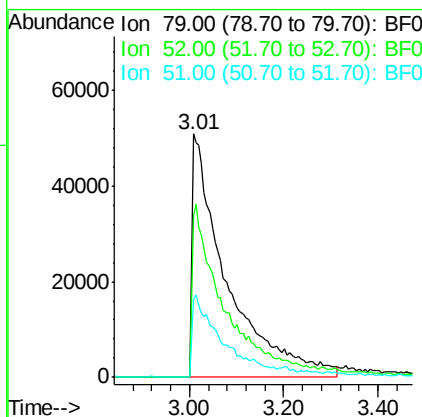
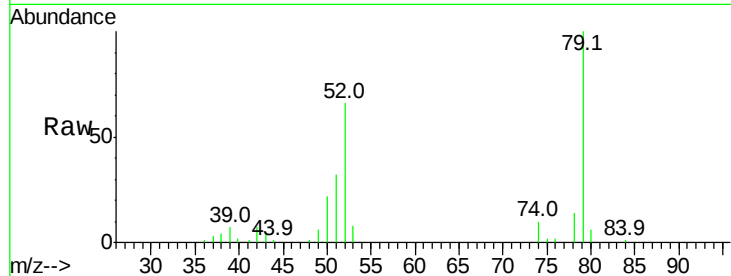
#3
 Pvridine
 Concen: 46.68 ng/ml
 RT: 3.01 min Scan# 182
 Delta R.T. 0.25 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.3	54.8	82.2
51	32.2	27.0	40.4

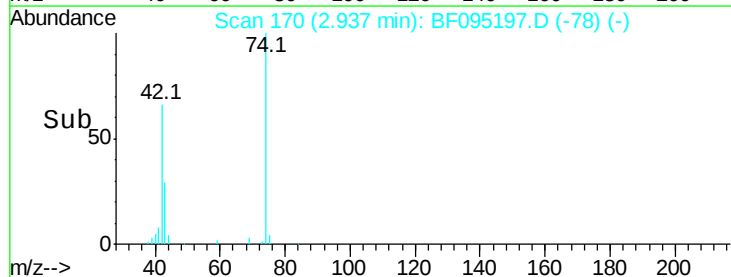
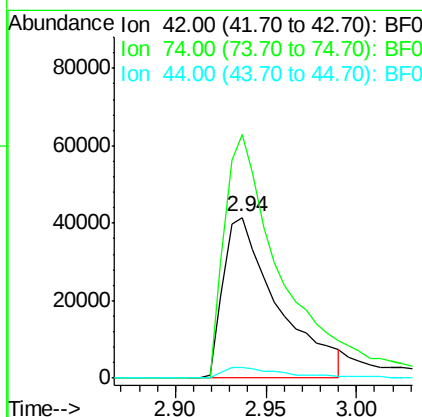
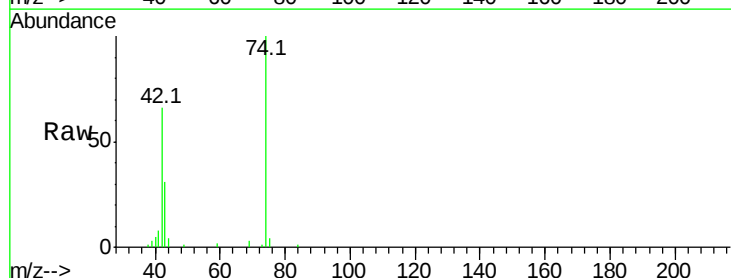
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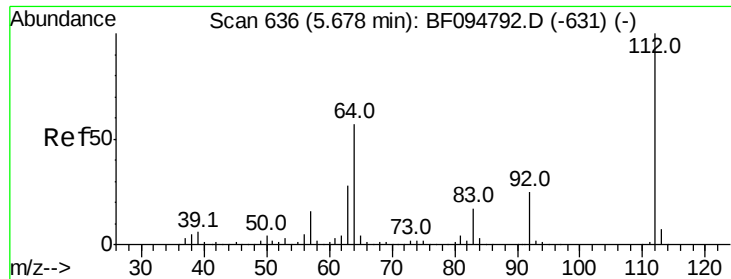
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#4
 n-Nitrosodimethylamine
 Concen: 37.85 ng
 RT: 2.94 min Scan# 170
 Delta R.T. 0.24 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.5	103.9	155.9
44	6.6	5.7	8.5





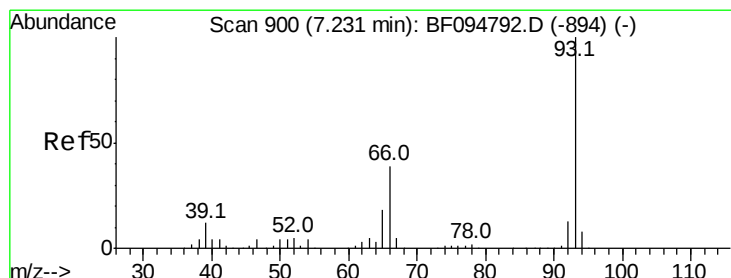
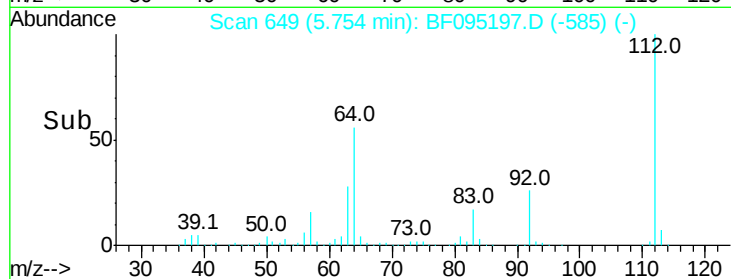
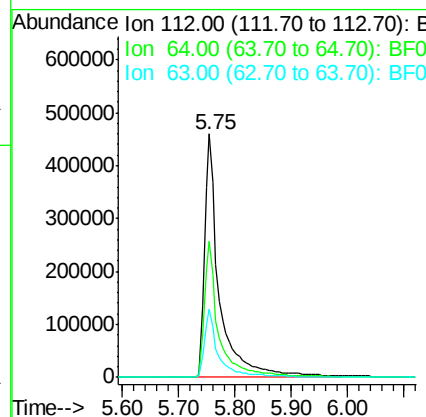
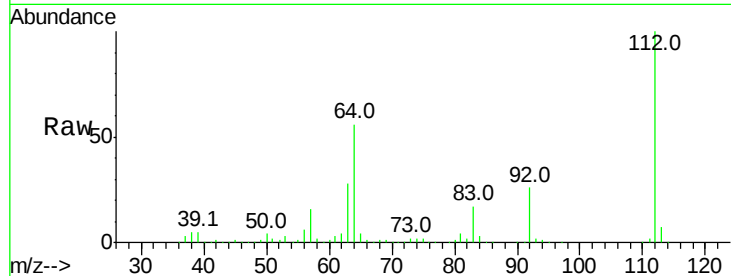
#5
 2-Fluorophenol
 Concen: 174.35 ng
 RT: 5.75 min Scan# 649
 Delta R.T. 0.08 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion:	112	Resp:	848787
Ion Ratio	Lower	Upper	
112	100		
64	56.1	46.0	69.0
63	28.0	23.4	35.0

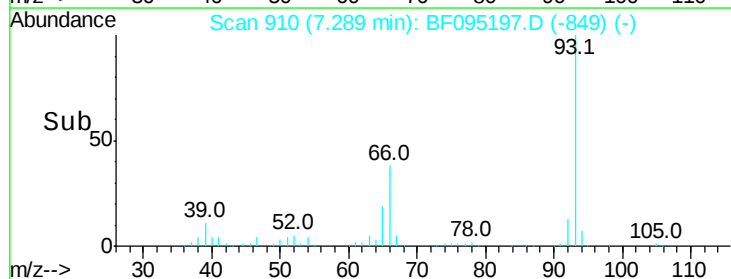
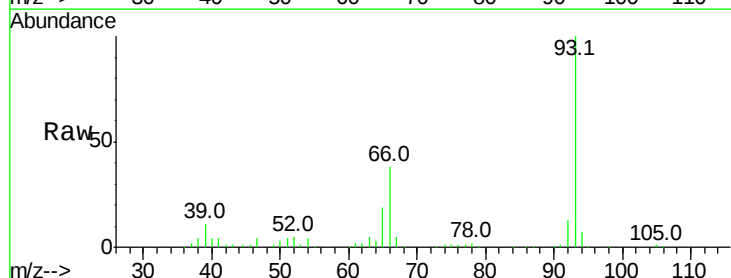
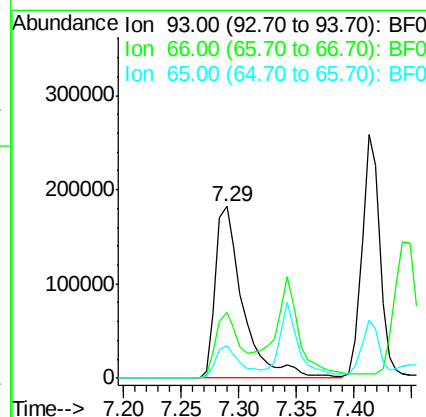
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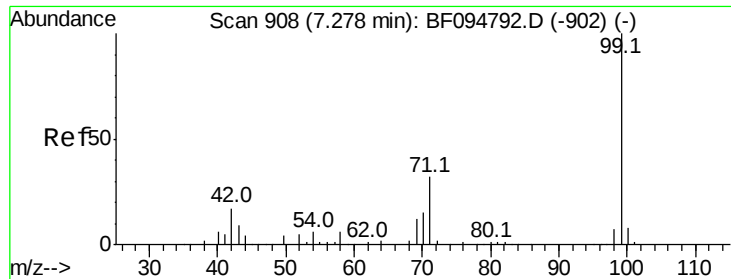
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#6
 Aniline
 Concen: 41.08 ng
 RT: 7.29 min Scan# 910
 Delta R.T. 0.06 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion:	93	Resp:	302918
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.9	49.3
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 170.74 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

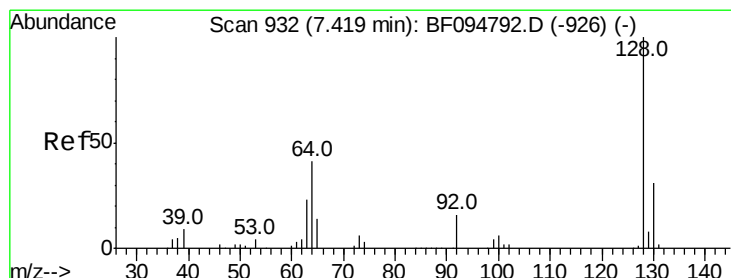
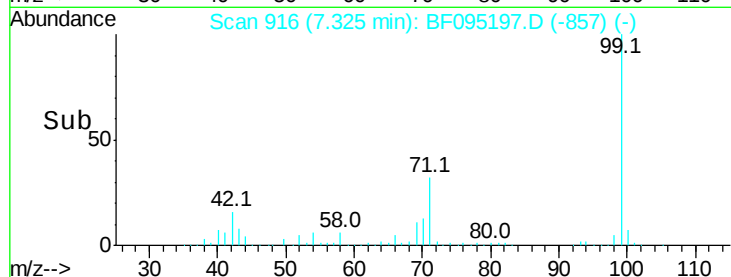
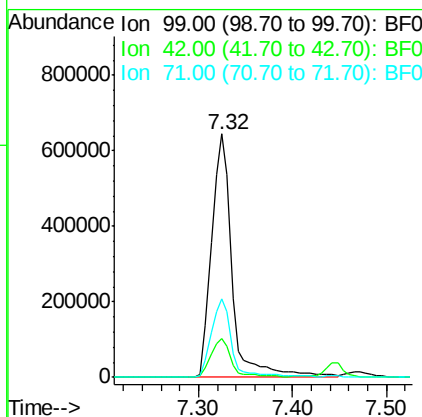
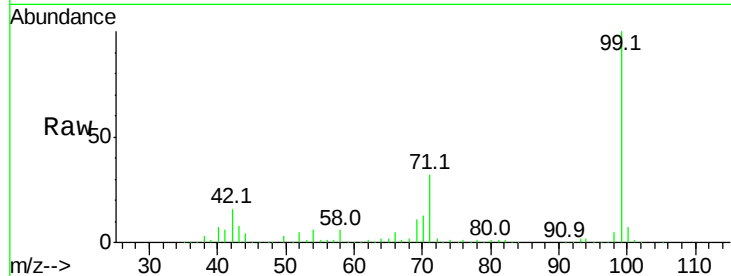
ClientSampleId :

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Tot Ion:	99	Resp:	997327
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	32.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 57.89 ng

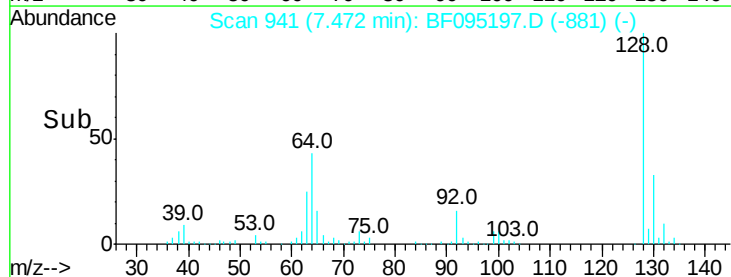
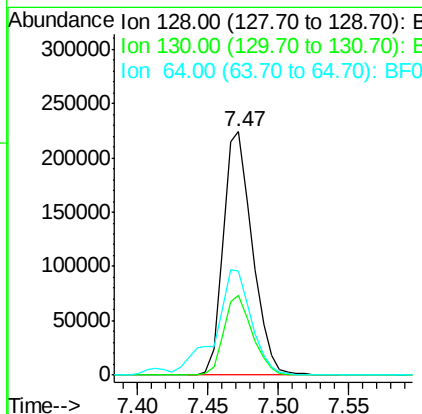
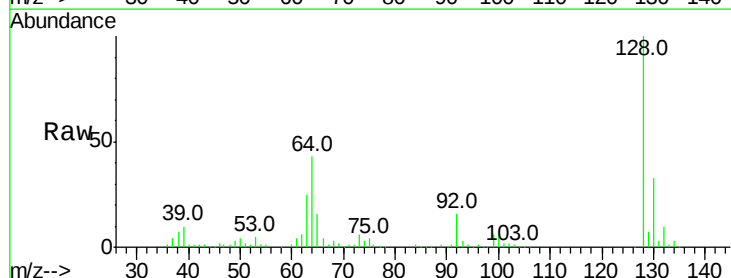
RT: 7.47 min Scan# 941

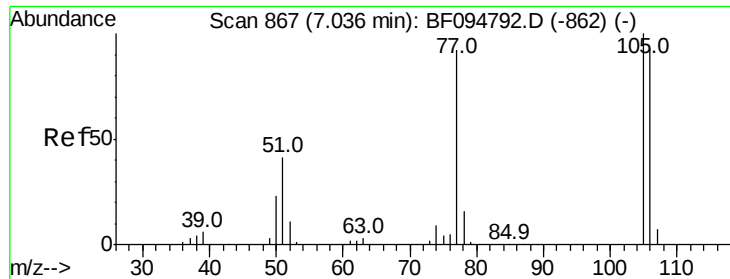
Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	128	Resp:	320792
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	42.8	28.4	68.4





#9

Benzaldehyde

Concen: 35.52 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

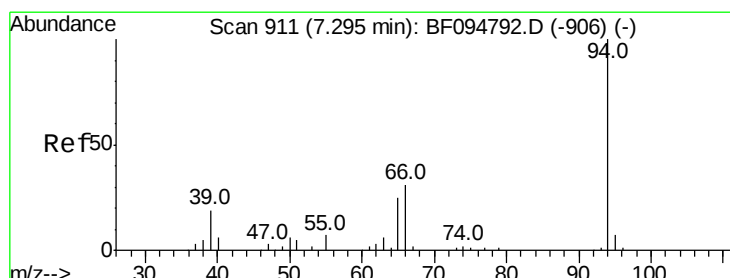
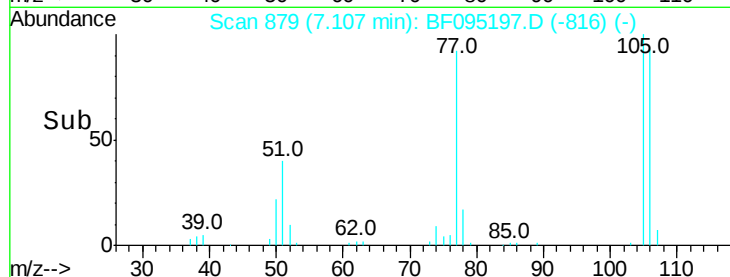
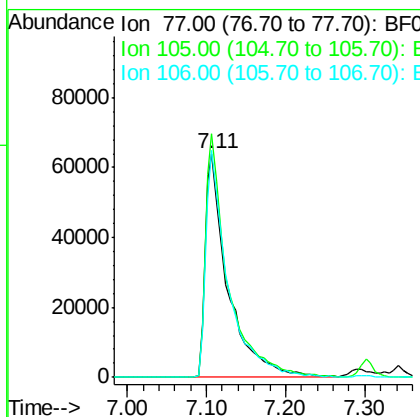
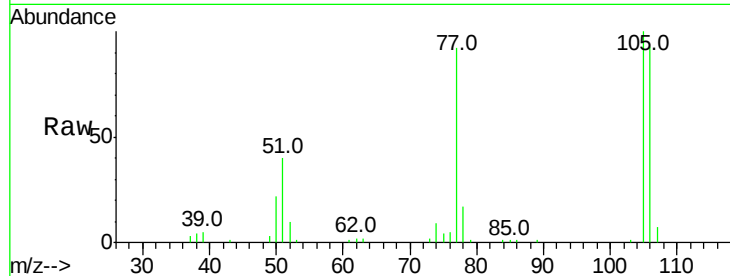
ClientSampleId :

SOUTH-CMS

Tot Ion:	77	Resp:	126712
Ion	Ratio	Lower	Upper
77	100		
105	109.1	83.8	123.8
106	101.7	79.1	119.1

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#10

Phenol

Concen: 59.20 ng

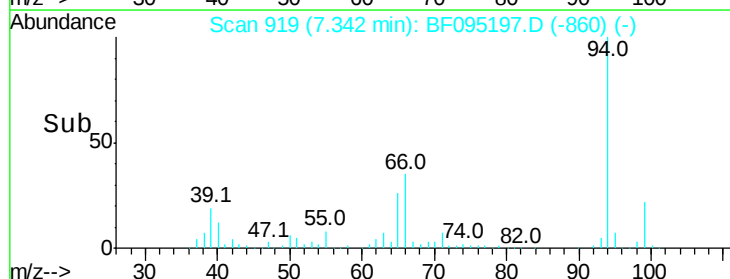
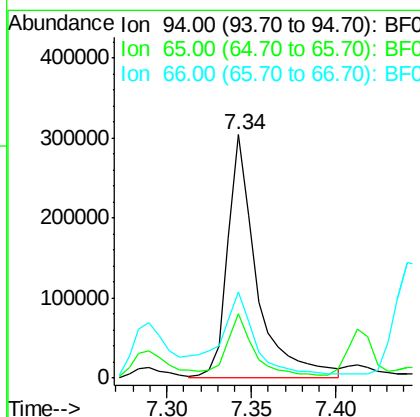
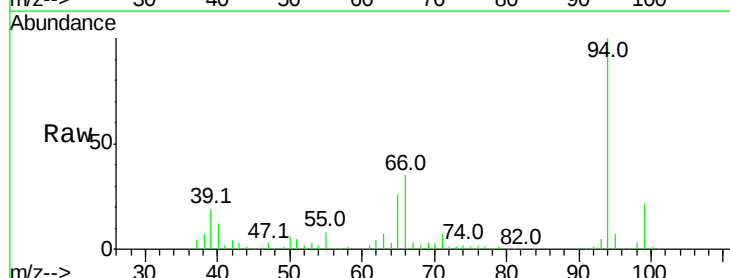
RT: 7.34 min Scan# 919

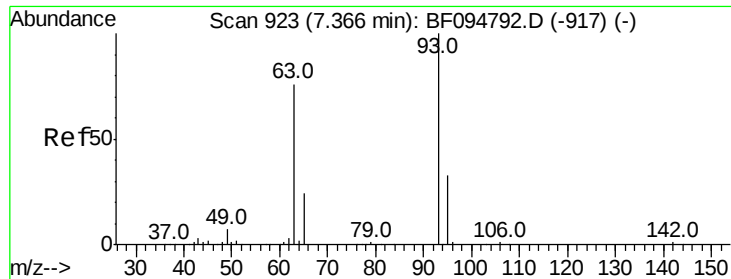
Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	94	Resp:	364416
Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	35.3	23.1	63.1





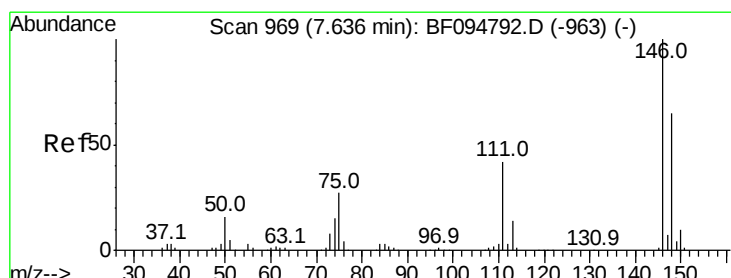
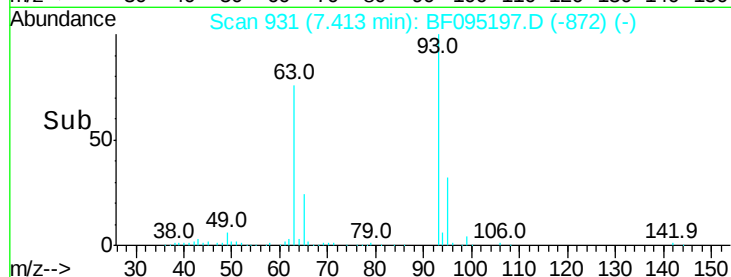
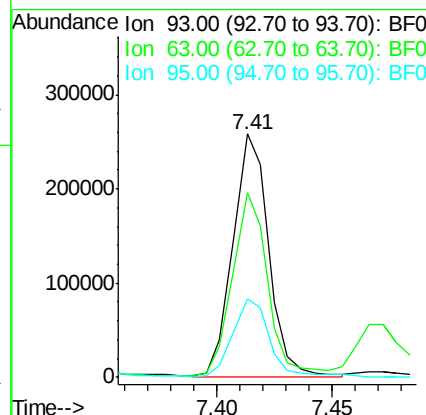
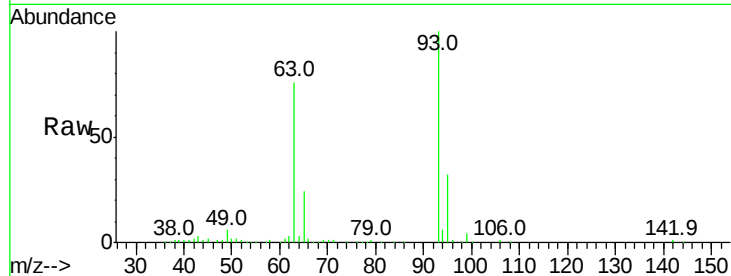
#11
bis(2-Chloroethyl)ether
Concen: 55.02 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	279568		
63	76.0		59.2	99.2
95	32.2		12.8	52.8

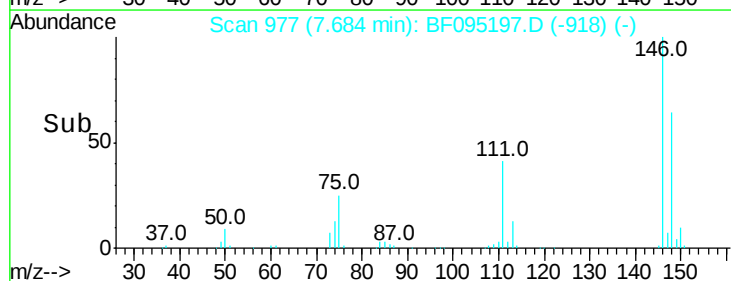
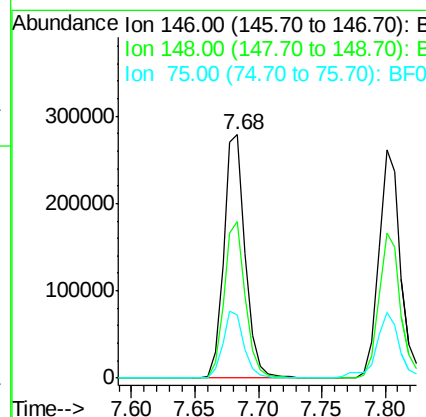
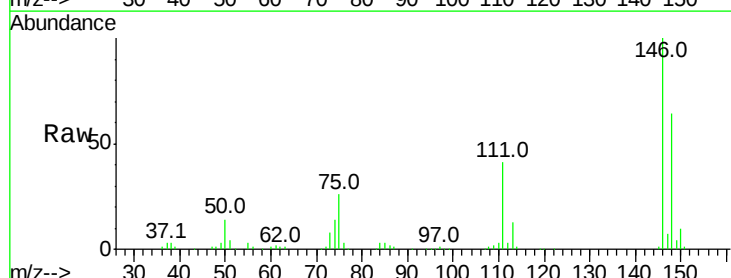
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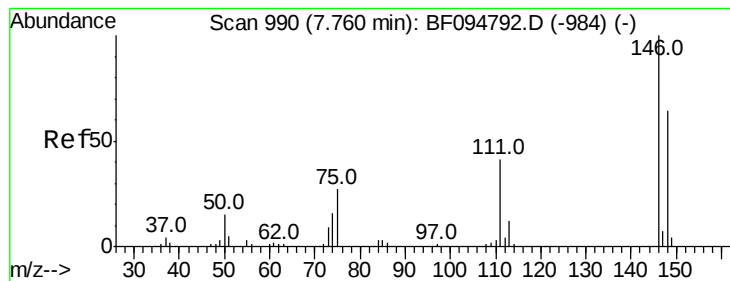
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#12
1,3-Dichlorobenzene
Concen: 52.24 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	328338		
148	64.2		51.8	77.6
75	26.1		23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 49.47 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

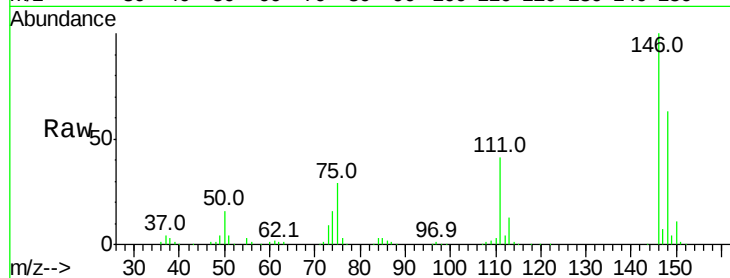
ClientSampleId :

SOUTH-CMS

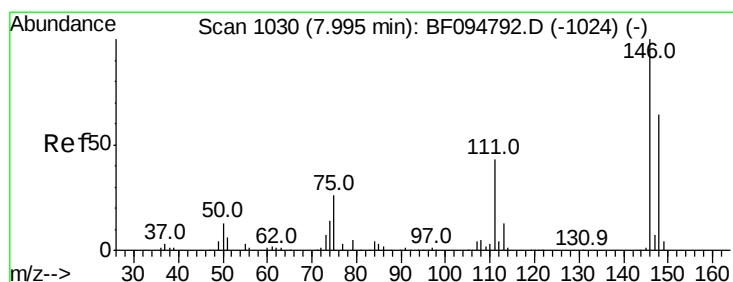
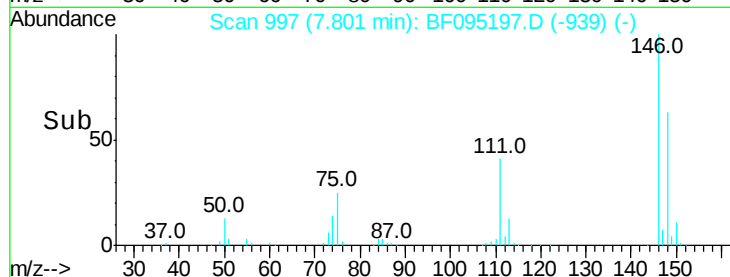
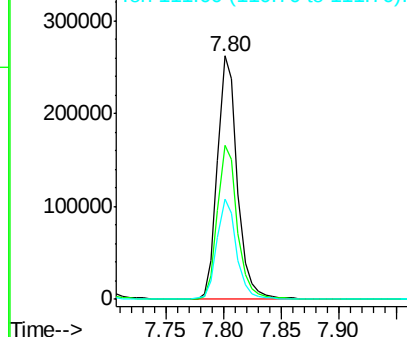
Tot Ion:	146	Resp:	315374
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	41.0	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 50.84 ng

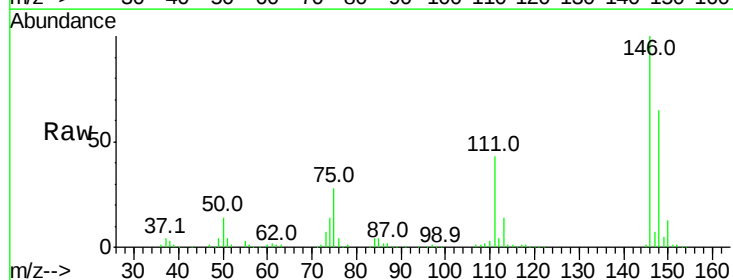
RT: 8.04 min Scan# 1037

Delta R.T. 0.04 min

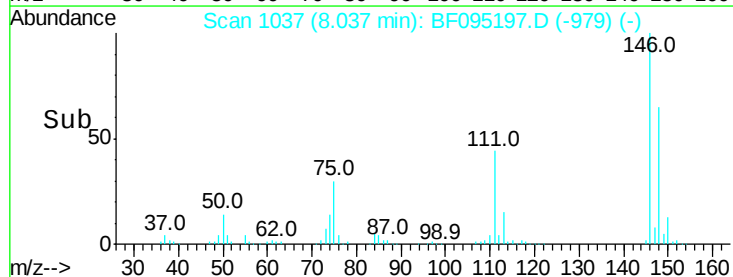
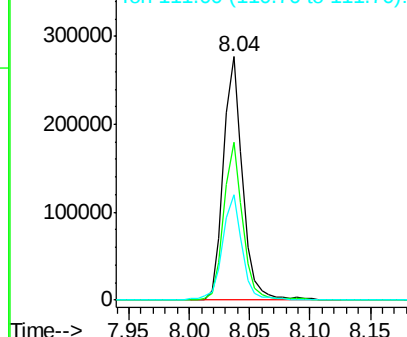
Lab File: BF095197.D

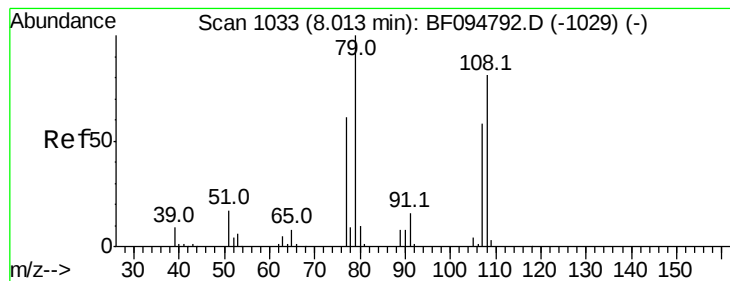
Acq: 17 May 2017 21:43

Tgt Ion:	146	Resp:	302477
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.4	75.6
111	43.3	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 62.67 ng

RT: 8.06 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

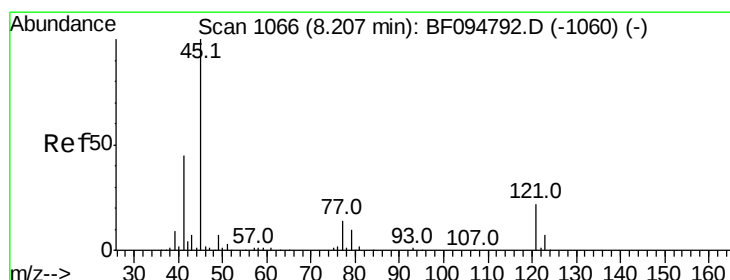
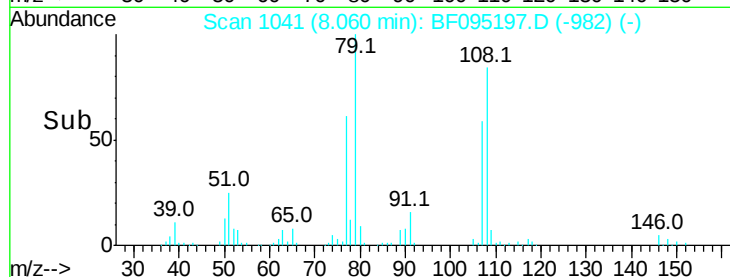
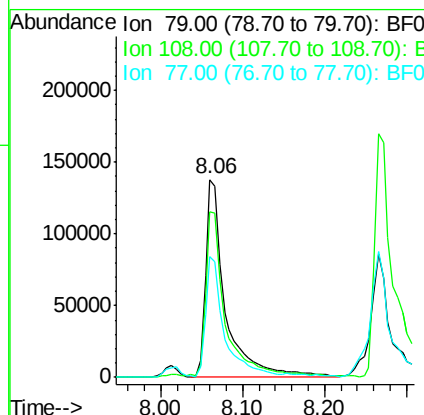
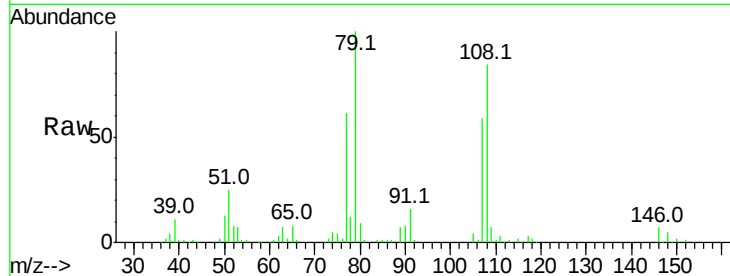
ClientSampleId :

SOUTH-CMS

Tot Ion:	79	Resp:	235471
Ion Ratio	Lower	Upper	
79	100		
108	83.7	63.4	95.0
77	61.2	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.52 ng

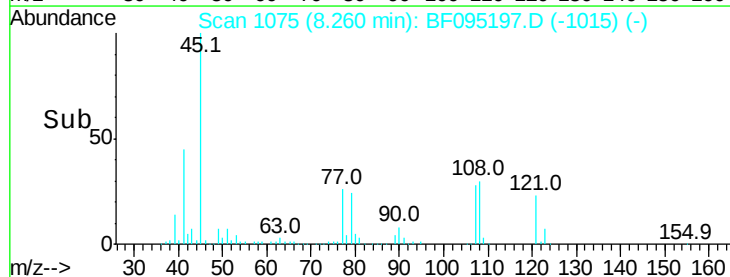
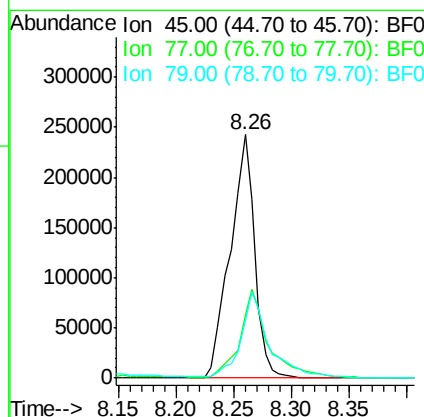
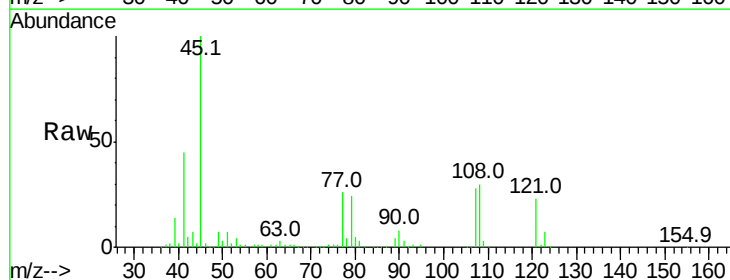
RT: 8.26 min Scan# 1075

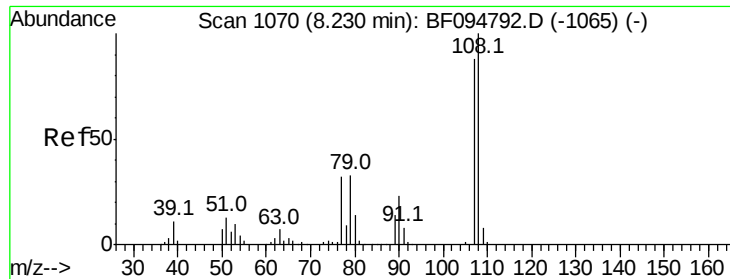
Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	45	Resp:	356159
Ion Ratio	Lower	Upper	
45	100		
77	25.9	0.0	33.2
79	23.6	0.0	30.0





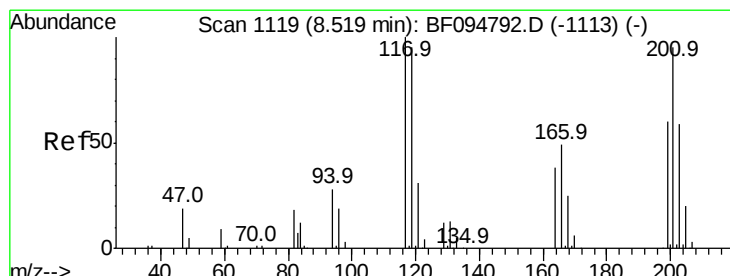
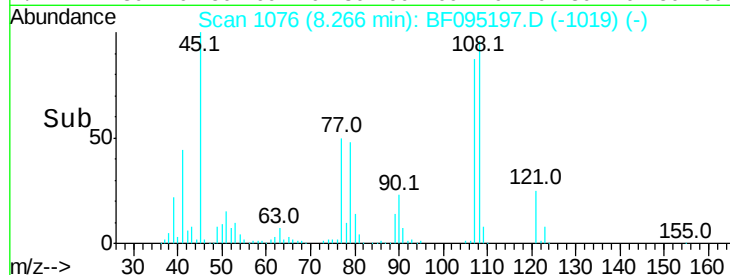
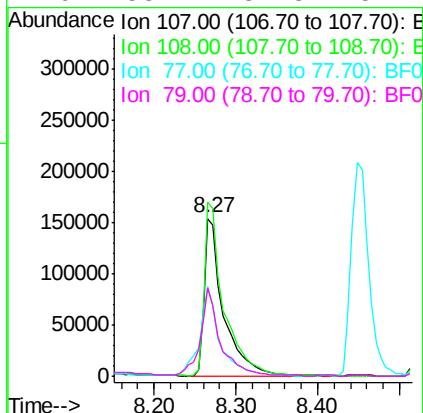
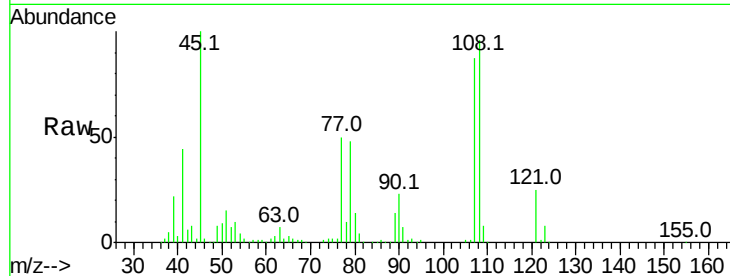
#17
2-Methylphenol
Concen: 56.13 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	93.4	140.0	
77	57.1	35.8	53.6#	
79	55.7	34.8	52.2#	

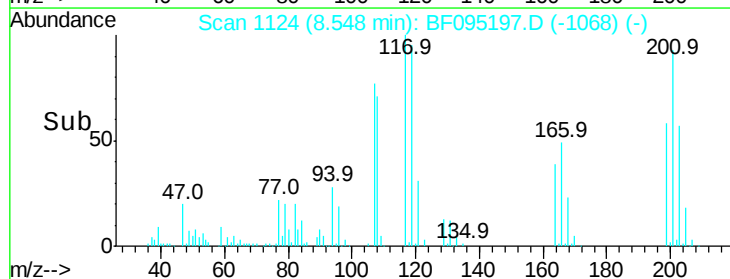
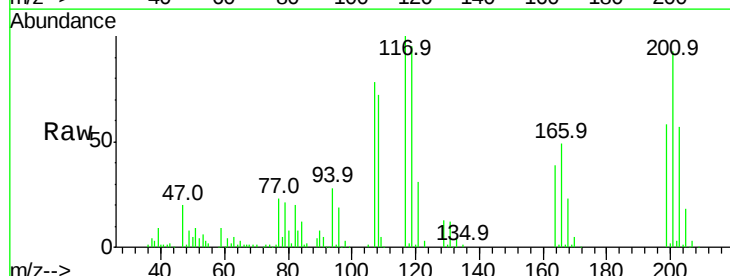
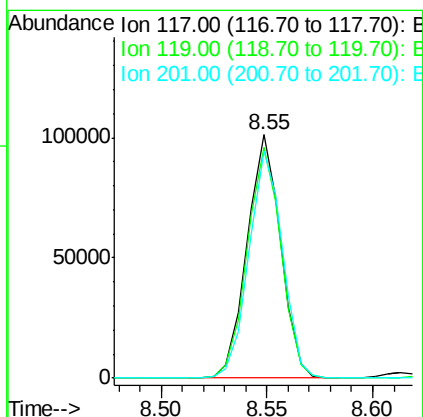
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#18
Hexachloroethane
Concen: 51.73 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.4	116.0	
201	93.2	94.6	141.8#	





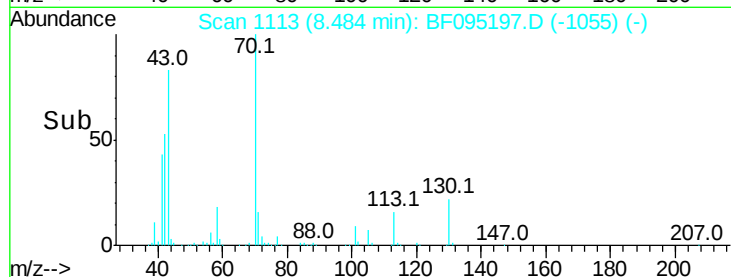
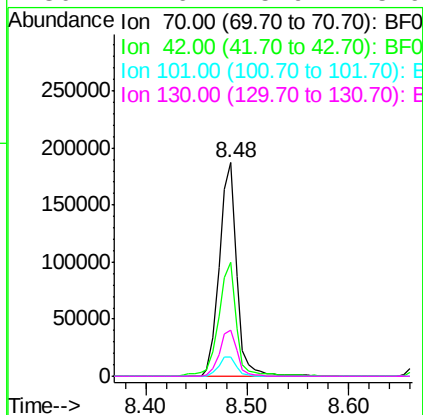
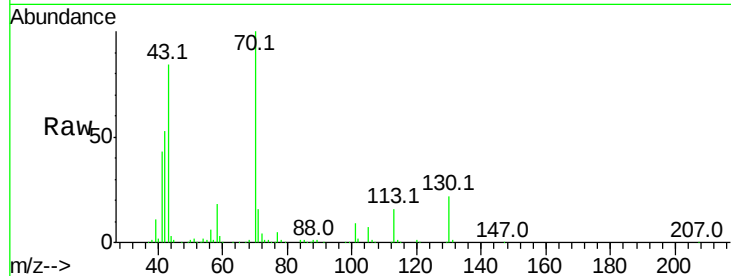
#19
n-Nitroso-di-n-propylamine
Concen: 55.99 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.2	47.2	70.8	
101	9.2	7.2	10.8	
130	21.6	15.9	23.9	

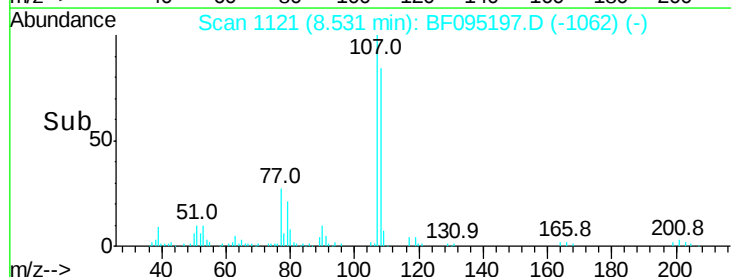
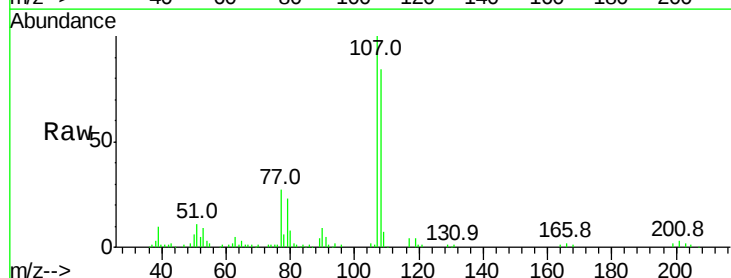
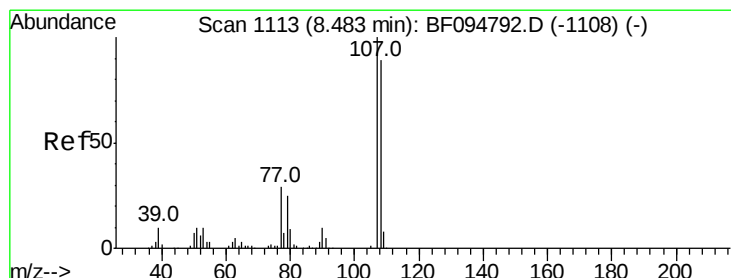
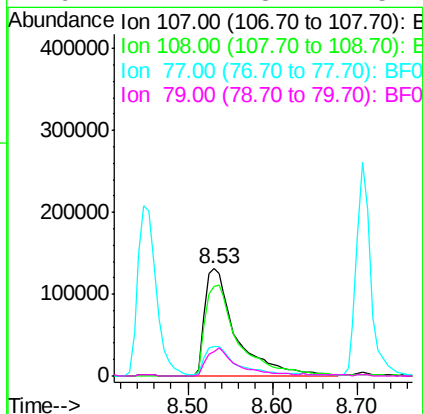
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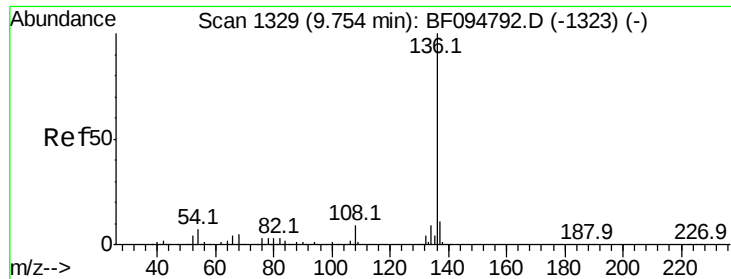
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#20
3+4-Methylphenols
Concen: 55.60 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.0	71.0	111.0	
77	27.3	90.5	130.5#	
79	22.7	8.4	48.4	





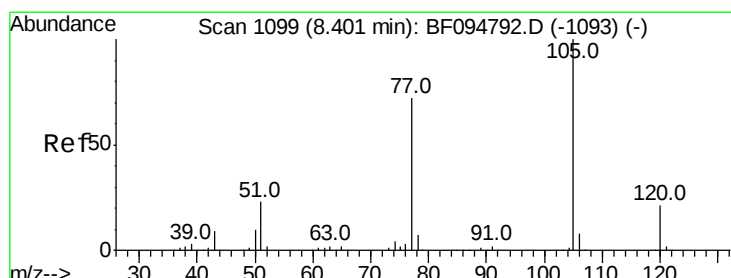
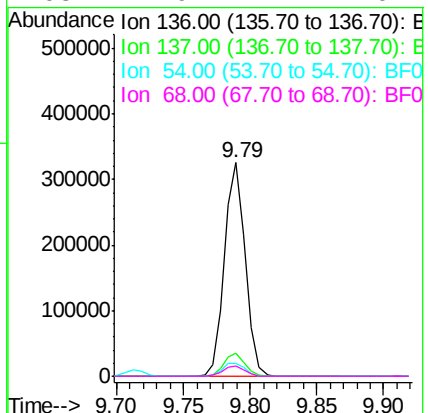
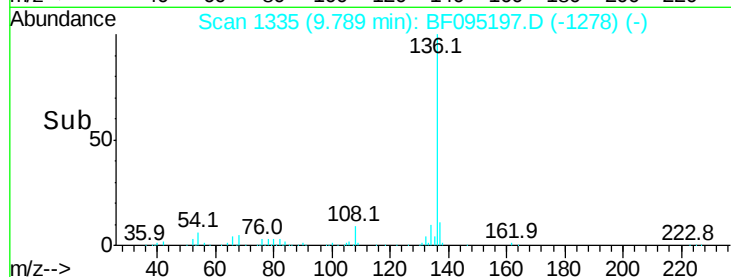
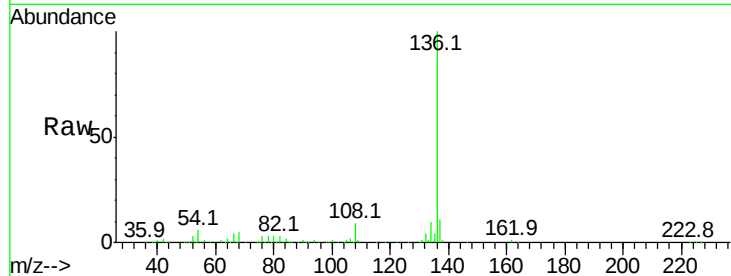
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	6.2	4.9	7.3	
68	4.9	4.1	6.1	

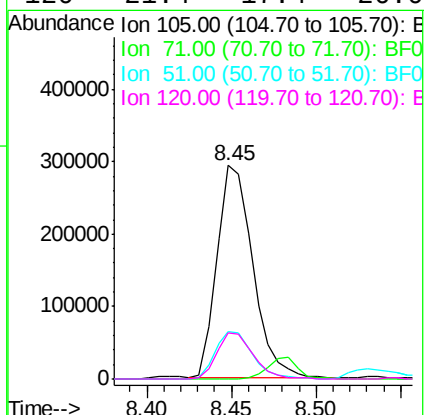
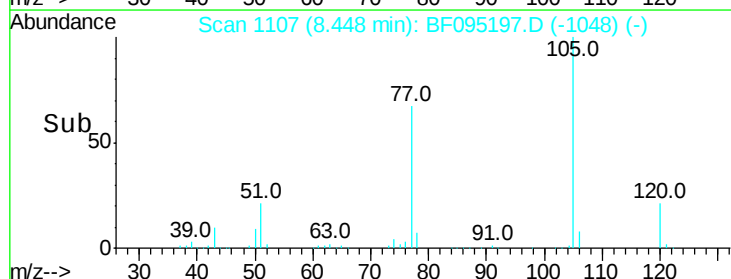
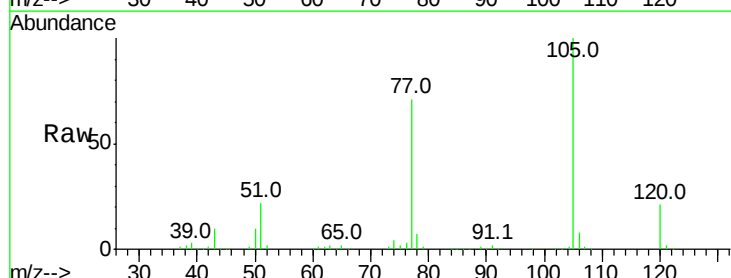
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#22
Acetophenone
Concen: 50.34 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.3	30.7	46.1#	
120	21.4	17.4	26.0	





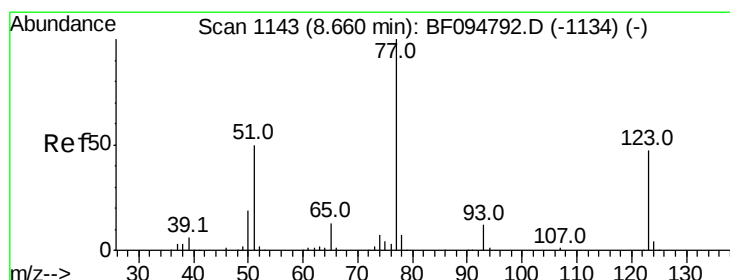
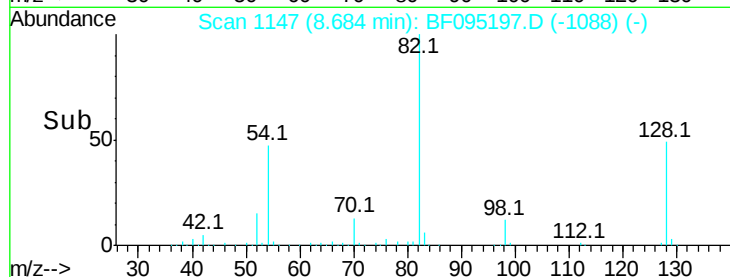
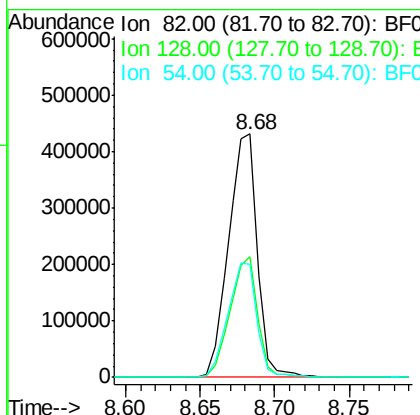
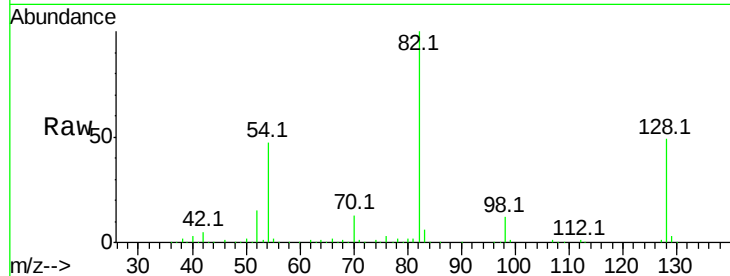
#23
 Nitrobenzene-d5
 Concen: 102.51 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.4	34.0	51.0	
54	46.6	42.2	63.2	

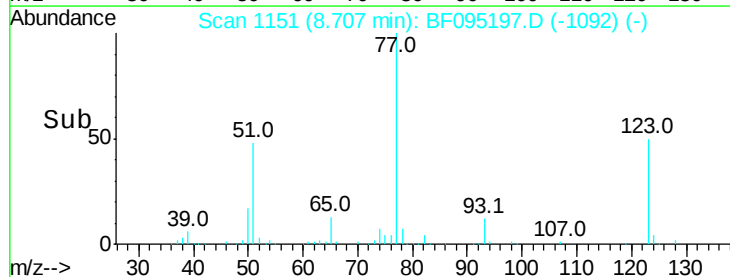
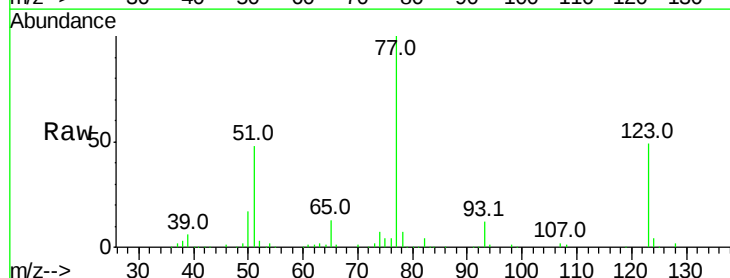
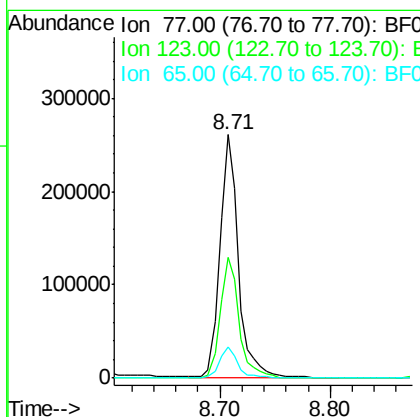
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#24
 Nitrobenzene
 Concen: 50.73 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.3	35.8	53.8	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 48.71 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

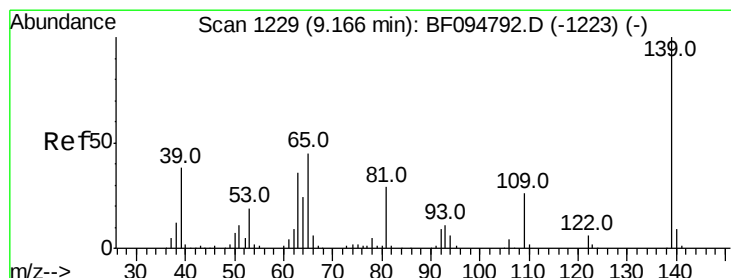
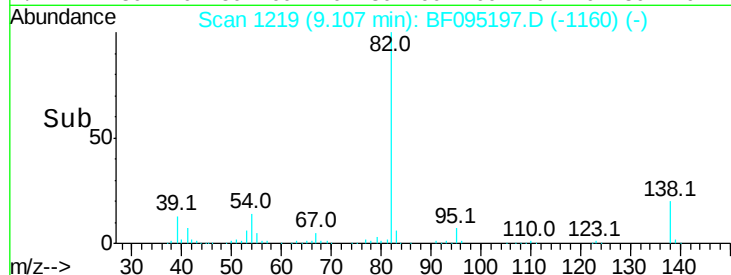
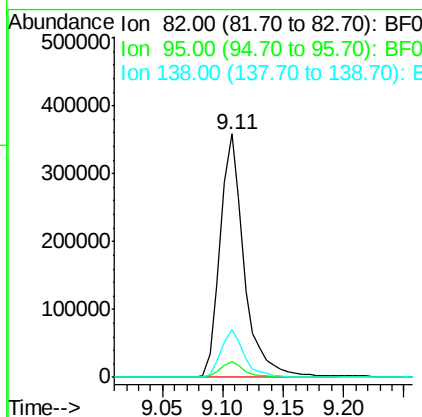
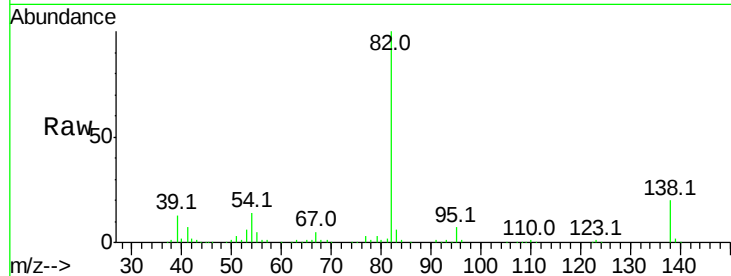
ClientSampleId :

SOUTH-CMS

Tot Ion:	82	Resp:	495706
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 49.52 ng

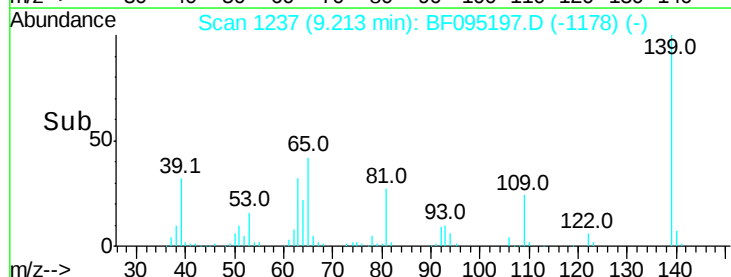
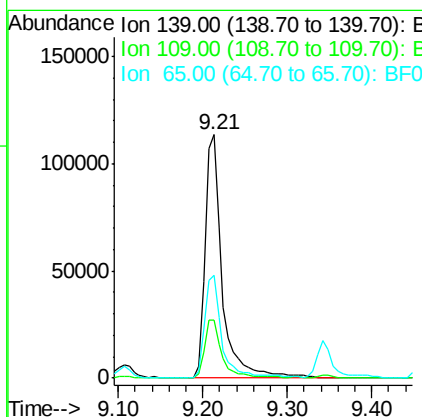
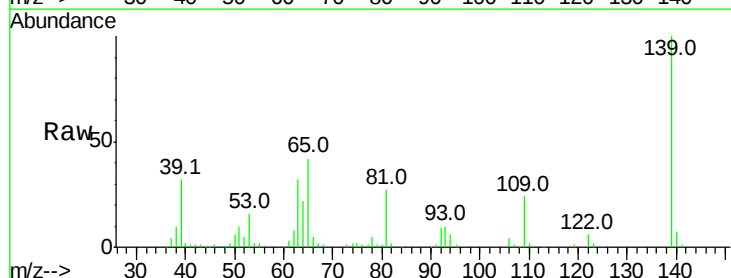
RT: 9.21 min Scan# 1237

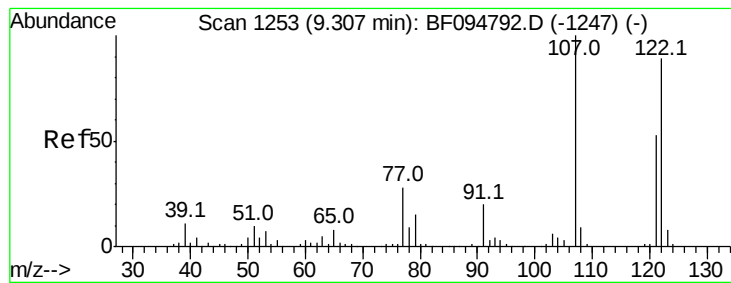
Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	139	Resp:	159623
Ion Ratio	Lower	Upper	
139	100		
109	23.9	21.0	31.6
65	42.0	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 50.28 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

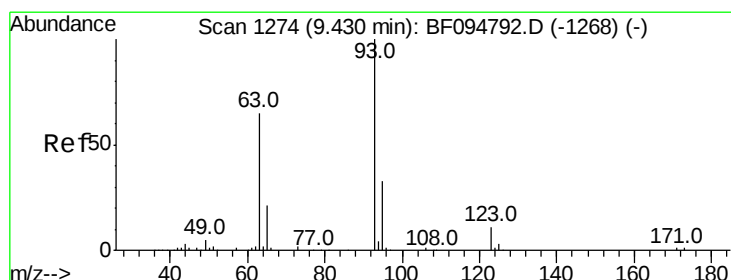
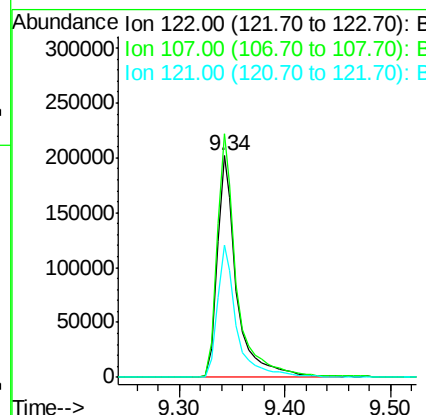
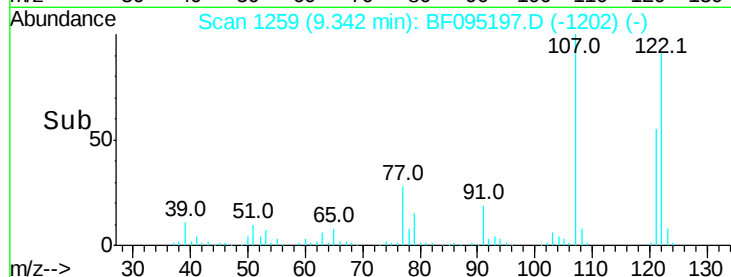
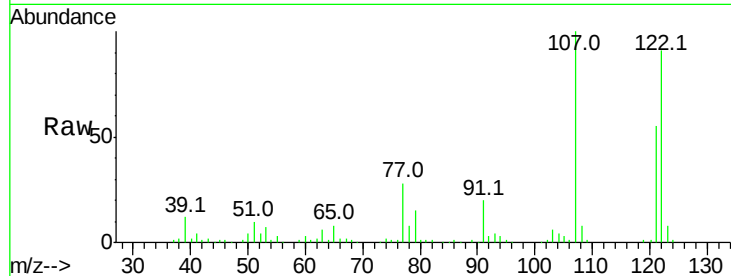
ClientSampleId :

SOUTH-CMS

Tot Ion:	122	Resp:	262067
Ion Ratio	Lower	Upper	
122	100		
107	109.8	89.2	133.8
121	59.9	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.56 ng

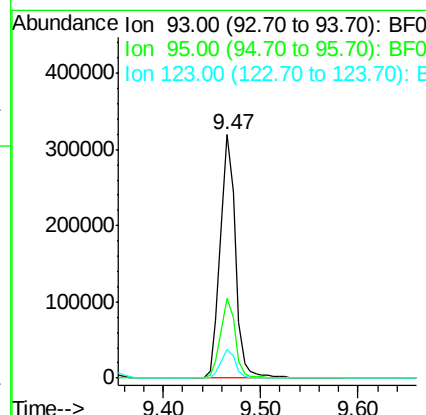
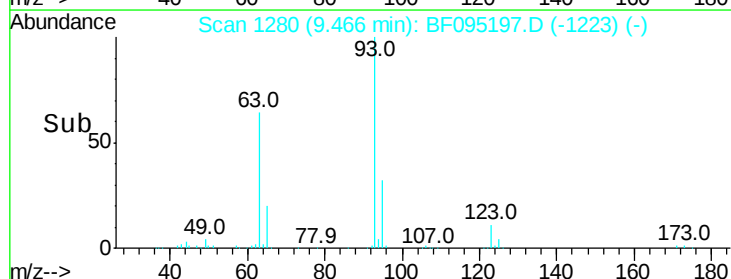
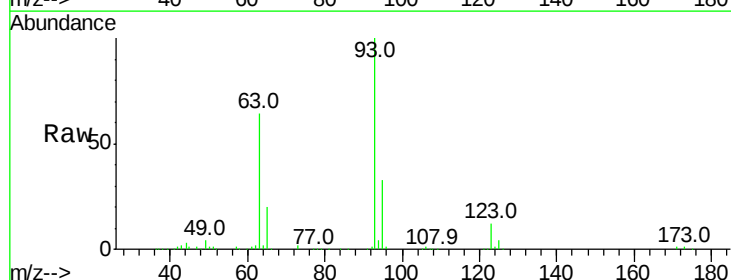
RT: 9.47 min Scan# 1280

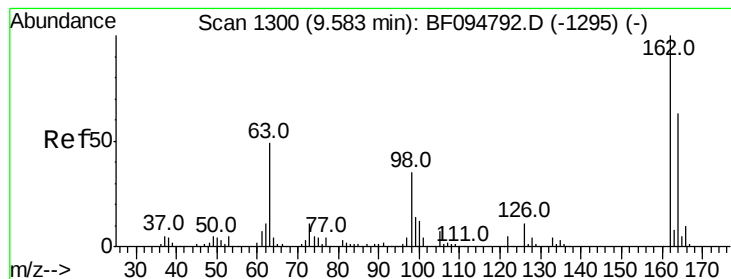
Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	93	Resp:	348891
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	11.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 54.22 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

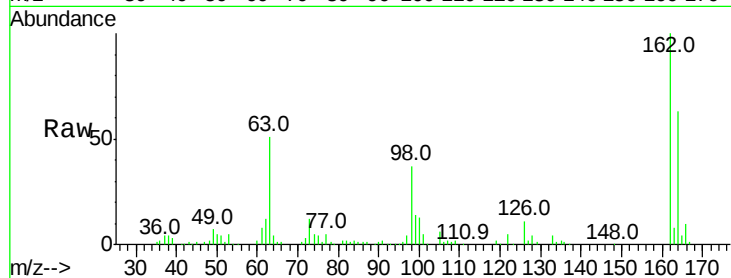
ClientSampleId :

SOUTH-CMS

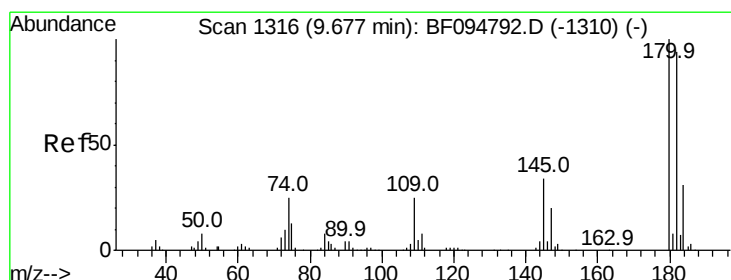
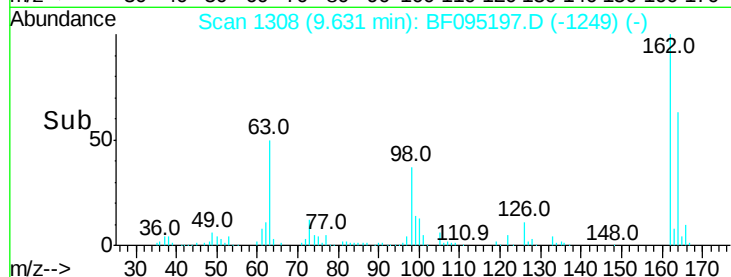
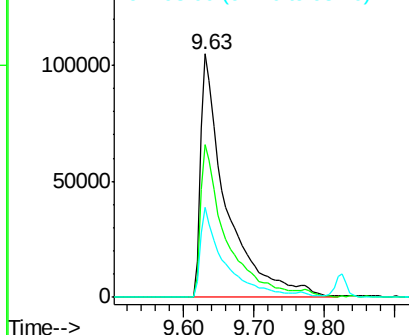
Tot Ion	Ratio	Resp	Lower	Upper
162	100	266792		
164	62.9	44.6	84.6	
98	36.9	14.8	54.8	

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



#30

1,2,4-Trichlorobenzene

Concen: 48.56 ng

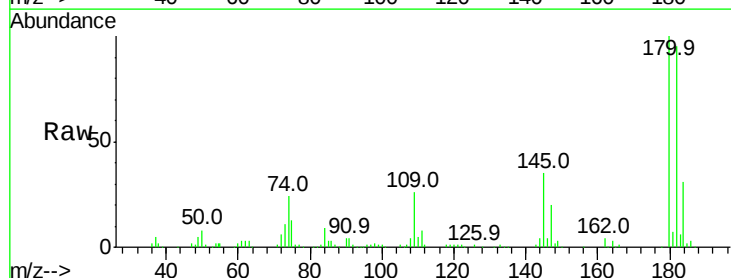
RT: 9.71 min Scan# 1322

Delta R.T. 0.04 min

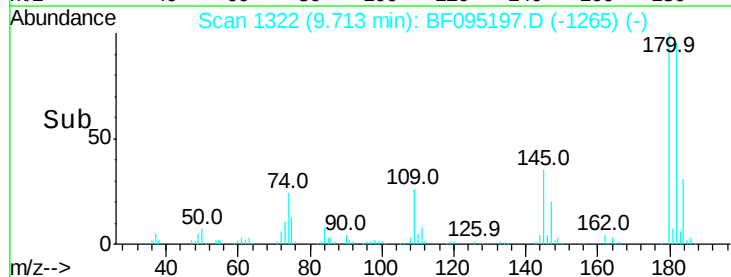
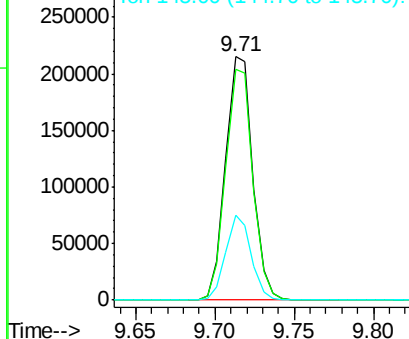
Lab File: BF095197.D

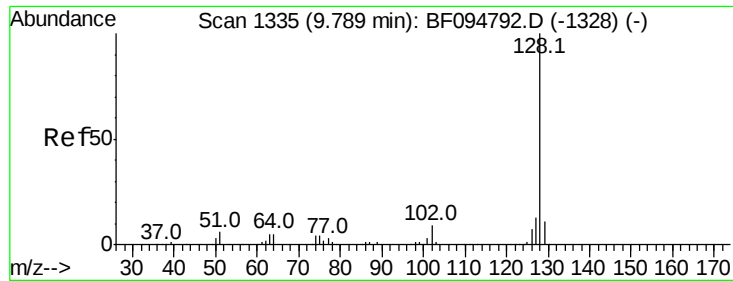
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255985		
182	95.0	75.8	113.6	
145	34.9	25.3	37.9	



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





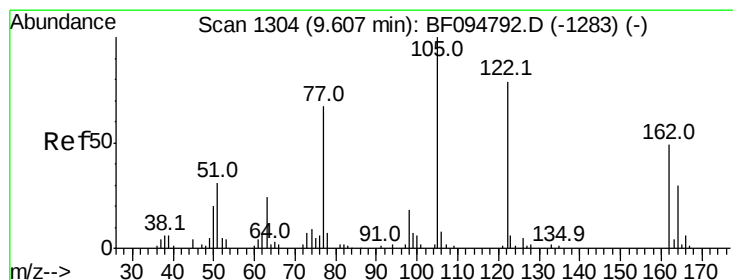
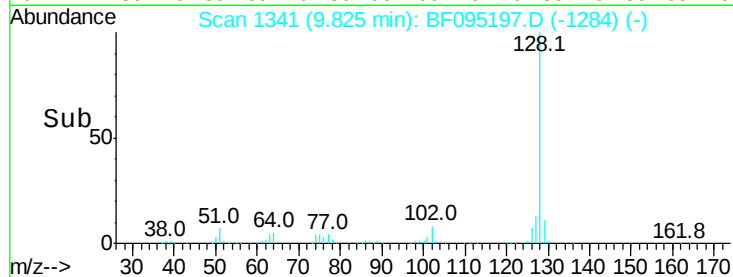
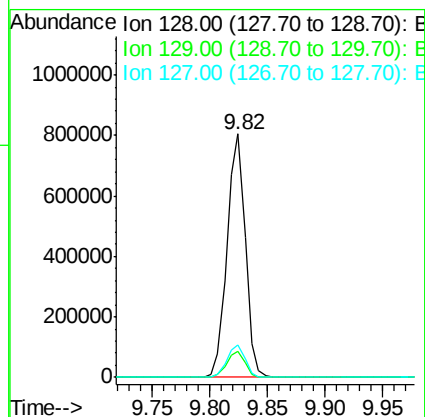
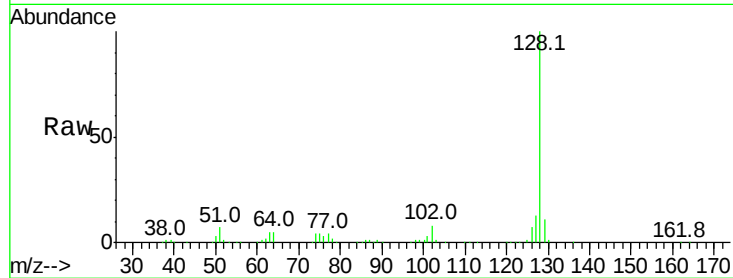
#31
Naphthalene
Concen: 48.82 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.3	10.8	16.2

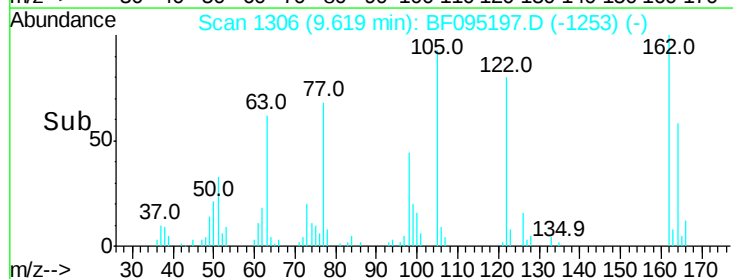
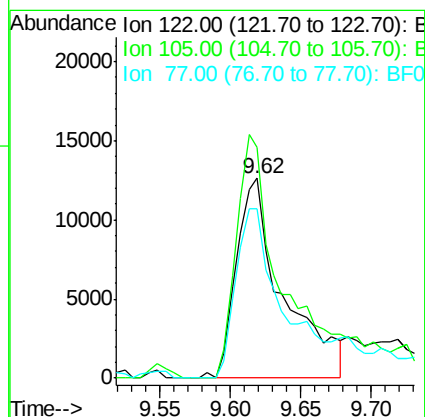
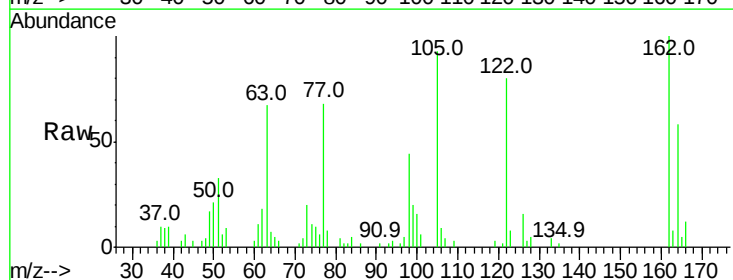
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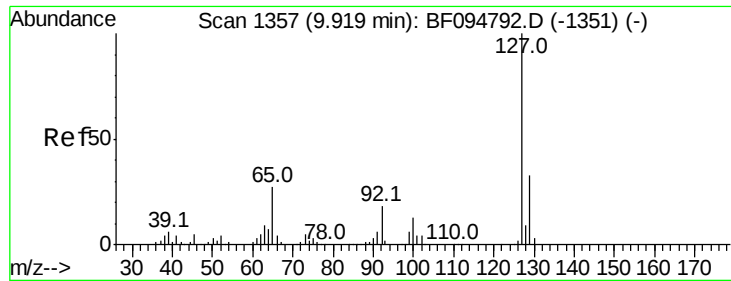
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#32
Benzoic acid
Concen: 12.72 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.6	103.3	143.3
77	84.9	73.7	113.7





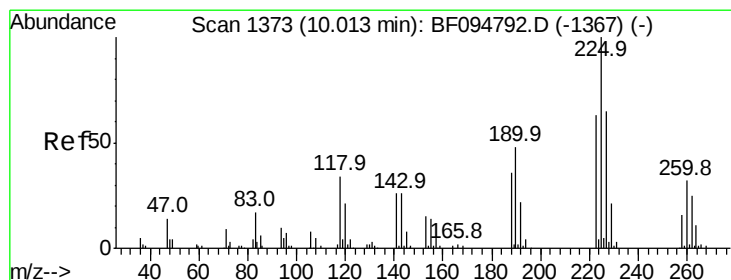
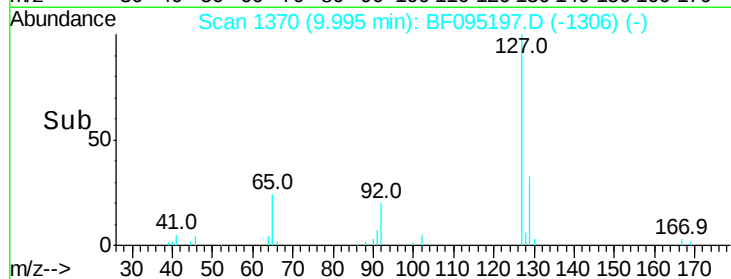
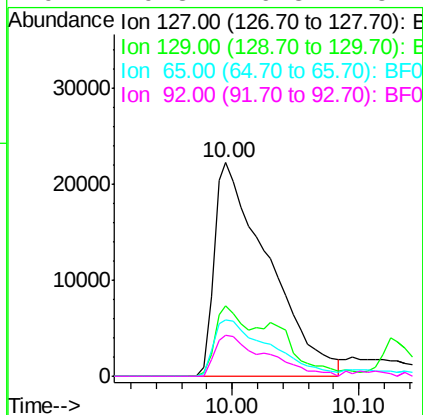
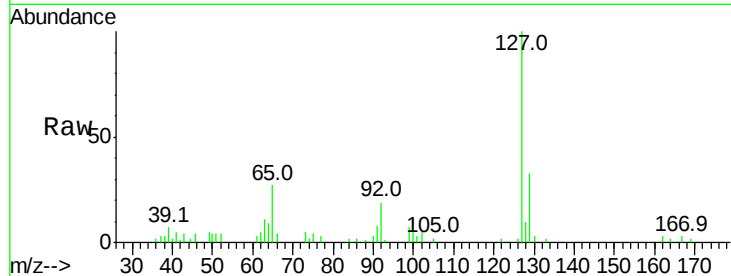
#33
4-Chloroaniline
Concen: 9.79 ng
RT: 10.00 min Scan# 1370
Delta R.T. 0.08 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion:	127	Resp:	65920
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.2	39.2
65	26.6	27.8	41.8
92	19.3	16.8	25.2

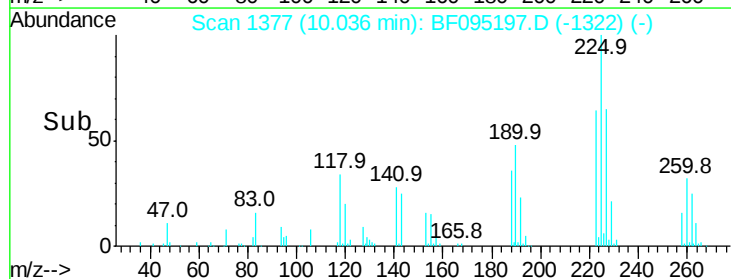
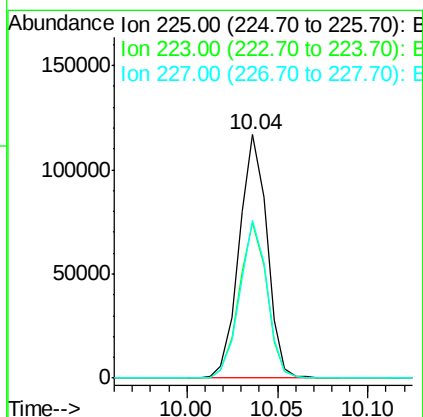
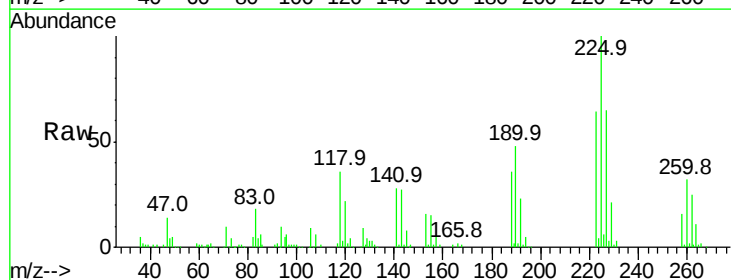
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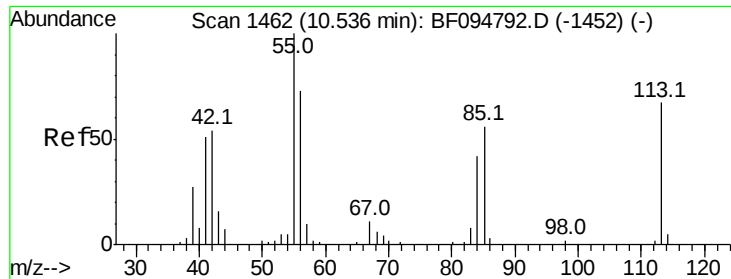
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#34
Hexachlorobutadiene
Concen: 44.81 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion:	225	Resp:	124654
Ion Ratio	Lower	Upper	
225	100		
223	64.0	48.8	73.2
227	64.7	51.1	76.7





#35

Caprolactam

Concen: 45.03 ng/mL

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

ClientSampleId :

SOUTH-CMS

Tot Ion: 113 Resp: 66538

Ion Ratio Lower Upper

113 100

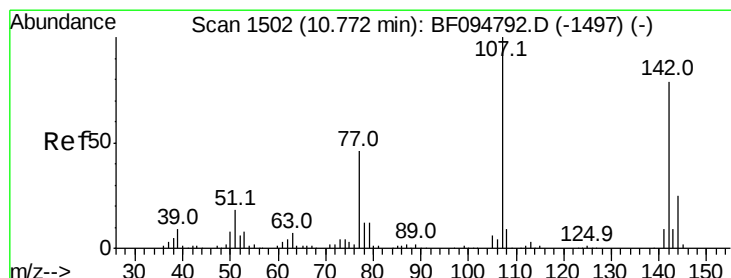
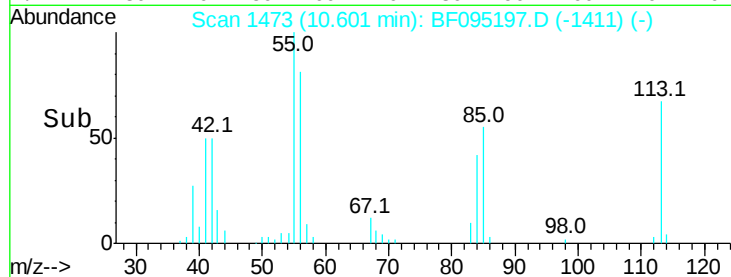
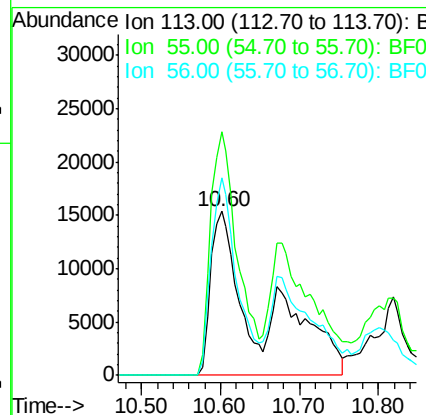
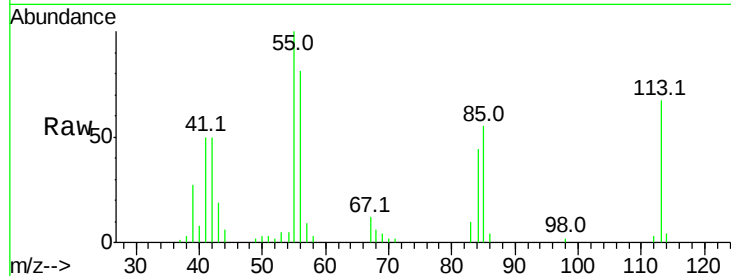
55 148.8 150.2 190.2#

56 120.4 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 52.33 ng/mL

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

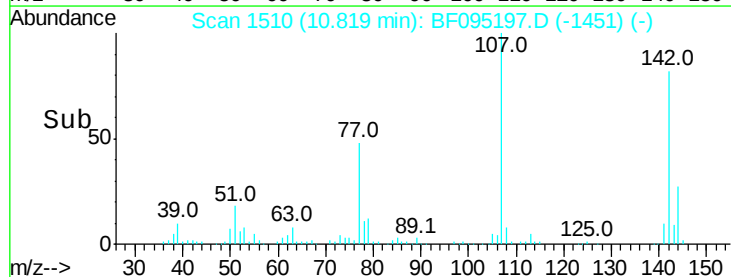
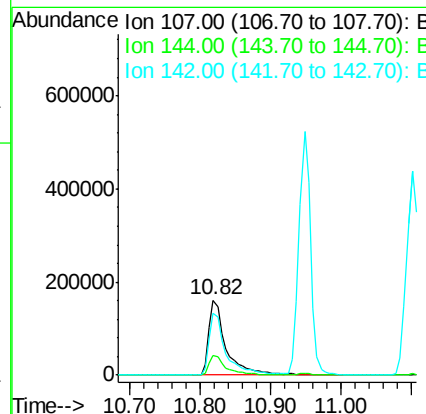
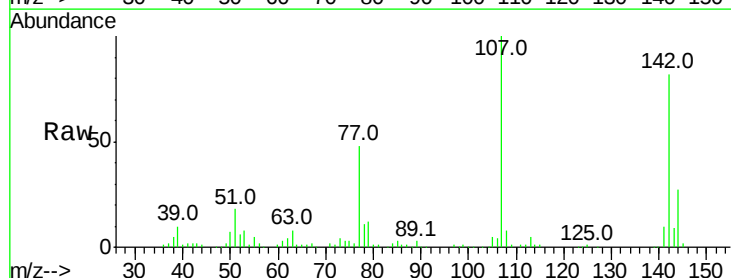
Tgt Ion: 107 Resp: 275311

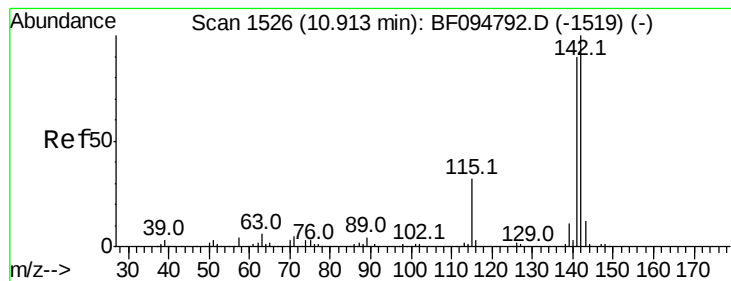
Ion Ratio Lower Upper

107 100

144 26.7 24.2 36.4

142 82.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 50.89 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

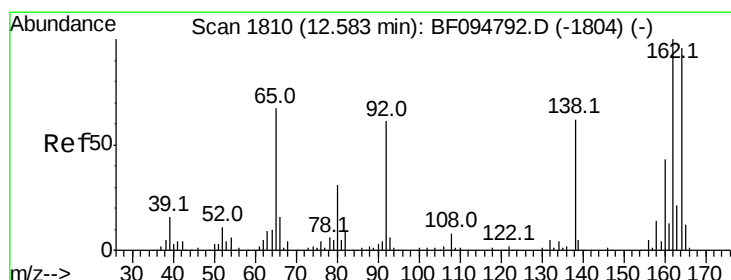
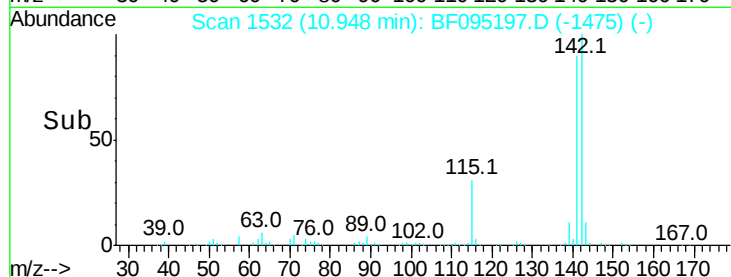
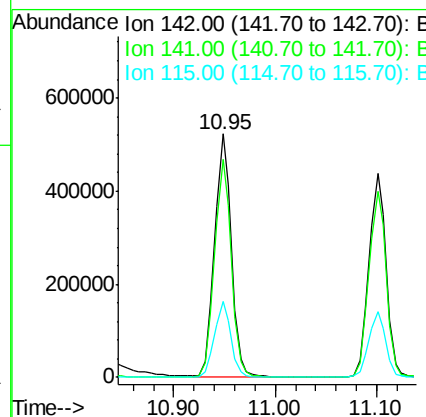
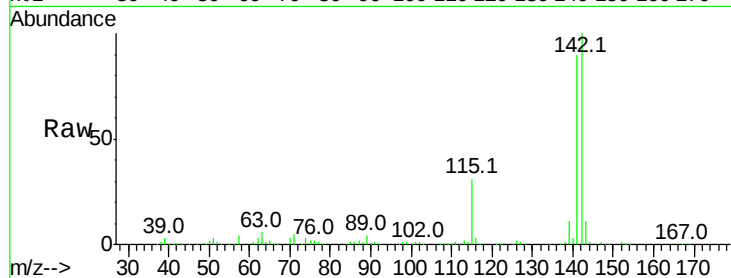
ClientSampleId :

SOUTH-CMS

Tot Ion:	142	Resp:	603249
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.3	106.9
115	31.1	27.1	40.7

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

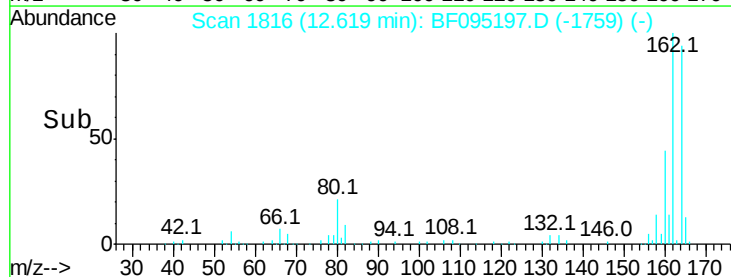
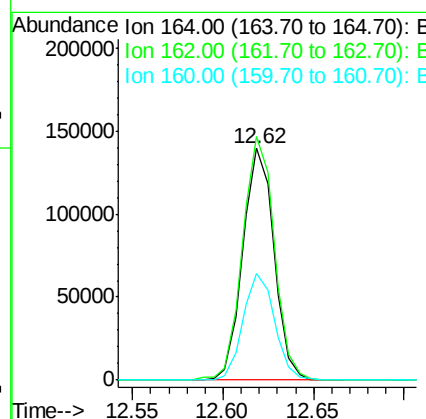
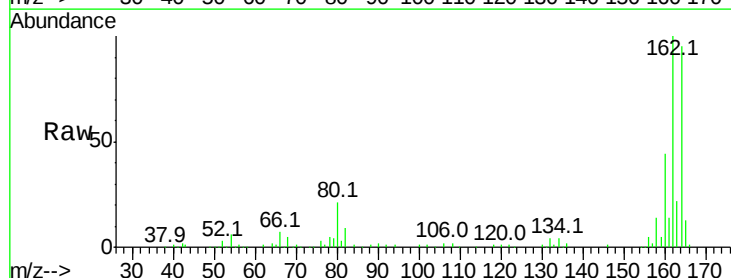
RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	164	Resp:	166108
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.6	123.8
160	46.3	36.2	54.2





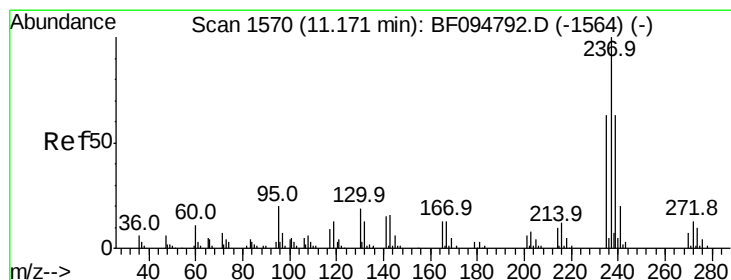
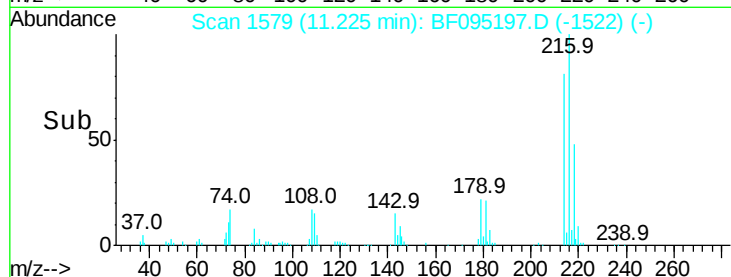
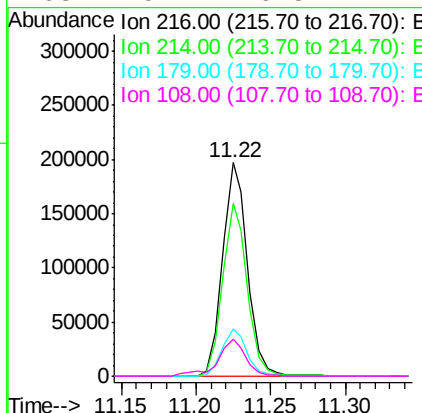
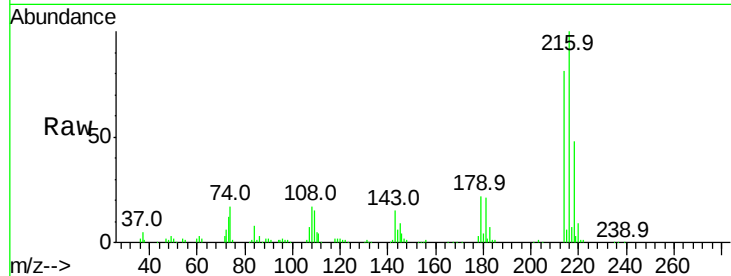
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.61 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	233005		
214	80.0	63.4	95.2	
179	22.0	17.9	26.9	
108	19.2	16.5	24.7	

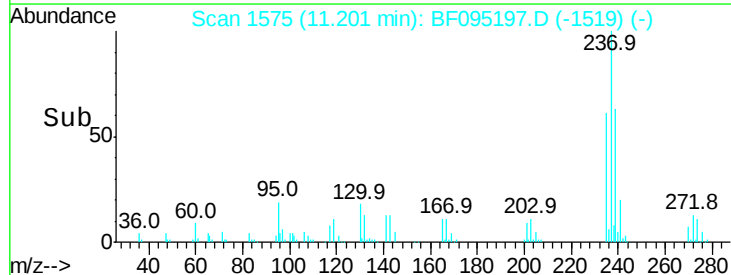
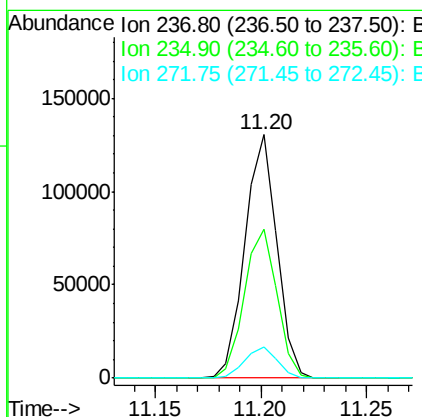
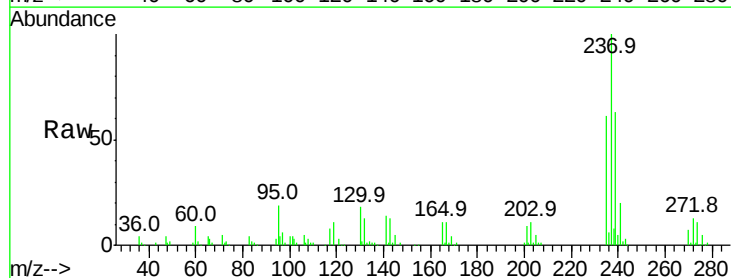
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#40
 Hexachlorocyclopentadiene
 Concen: 65.05 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. 0.03 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	137069		
235	61.3	42.6	82.6	
272	12.9	0.0	31.9	





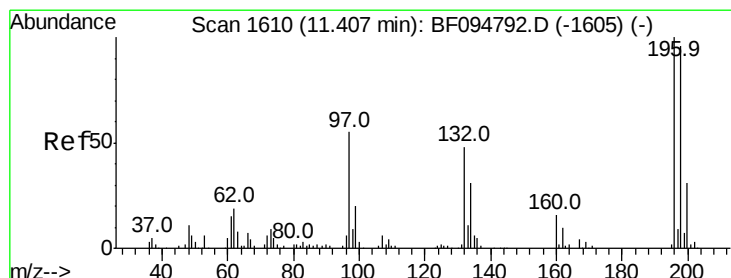
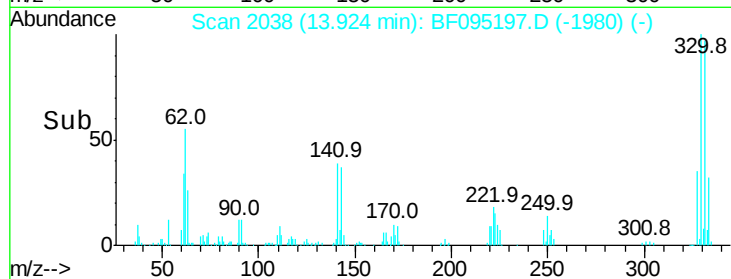
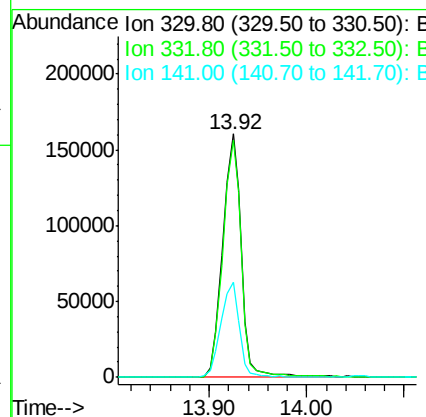
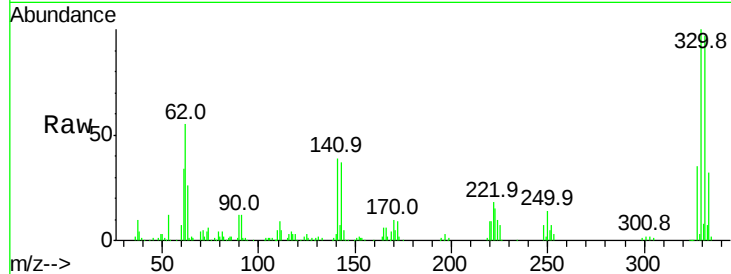
#41
 2,4,6-Tribromophenol
 Concen: 156.46 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212850		
332	97.0	76.6	115.0	
141	39.2	31.4	47.2	

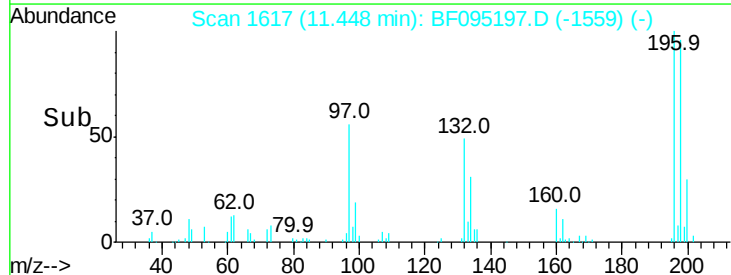
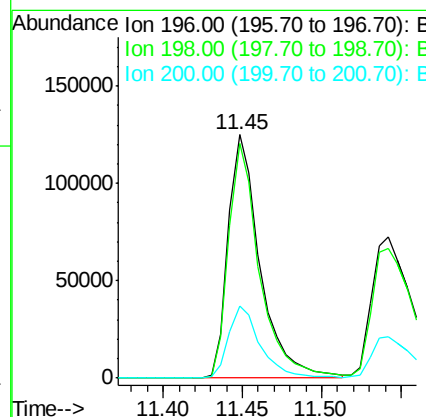
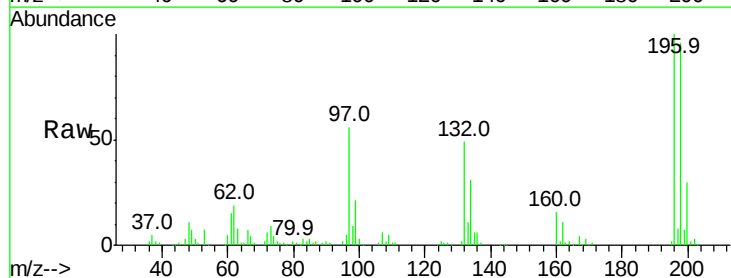
Manual Integrations
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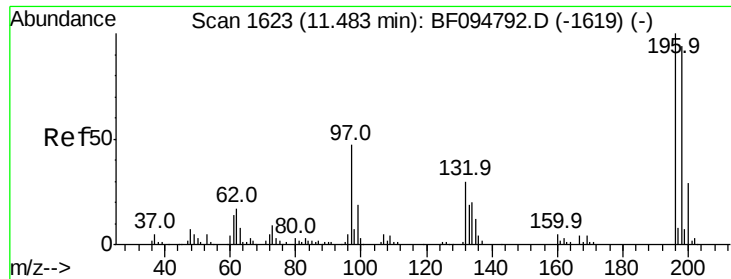
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#42
 2,4,6-Trichlorophenol
 Concen: 51.26 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174839		
198	96.4	74.2	111.4	
200	29.8	24.0	36.0	





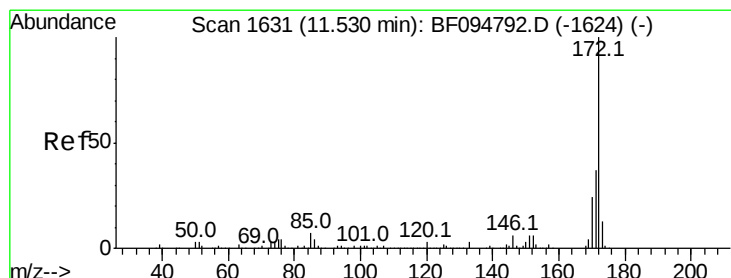
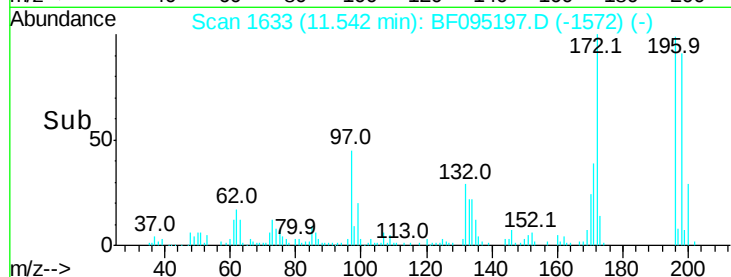
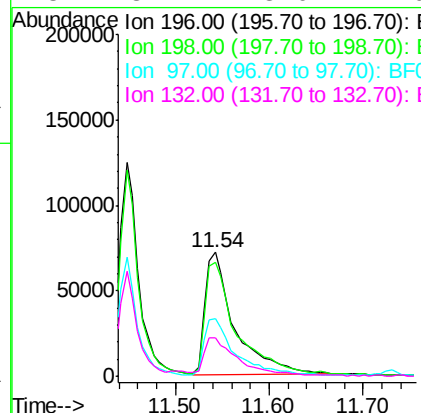
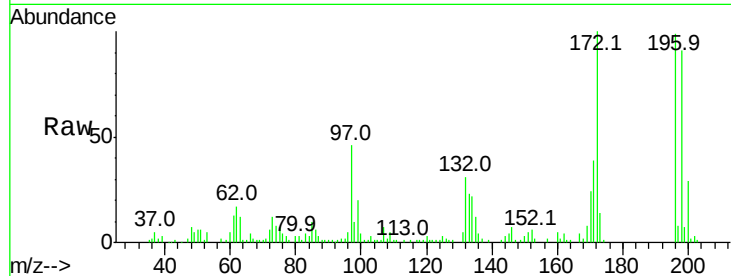
#43
 2,4,5-Trichlorophenol
 Concen: 43.96 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.06 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161136		
198	92.2	75.7	113.5	
97	46.8	47.7	71.5#	
132	31.2	28.0	42.0	

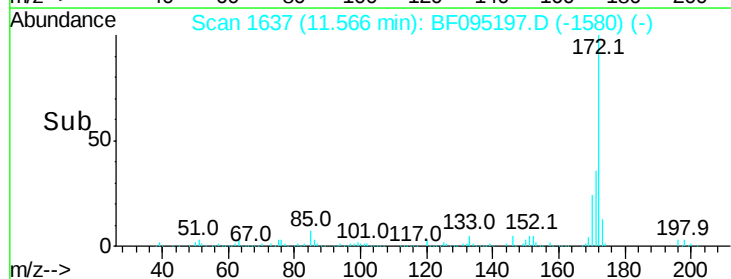
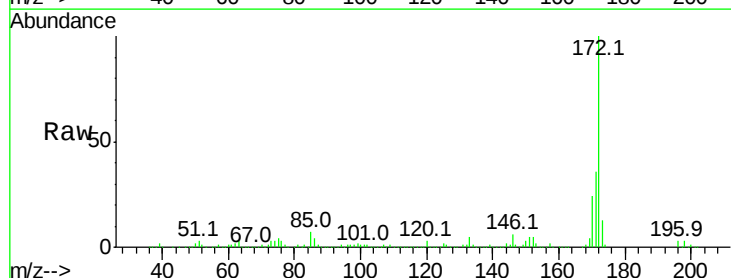
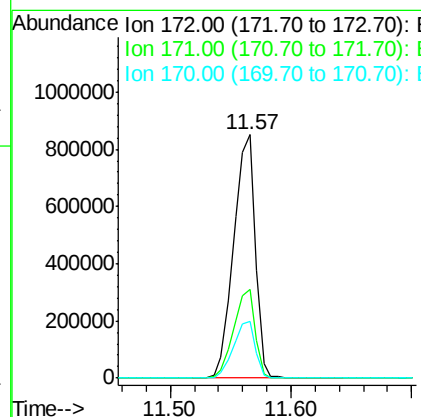
Manual Integrations
 APPROVED

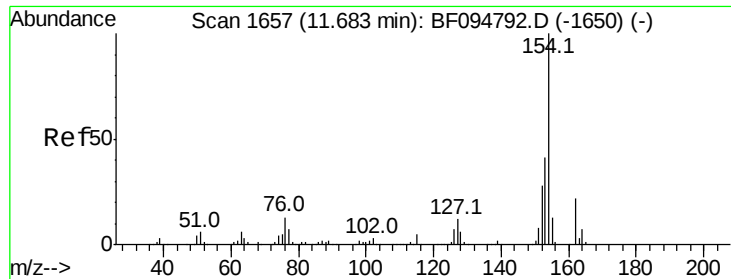
mohammad
 5/18/2017 2:29:23 PM



#44
 2-Fluorobiphenyl
 Concen: 92.13 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1063246		
171	36.2	29.6	44.4	
170	23.5	19.8	29.8	





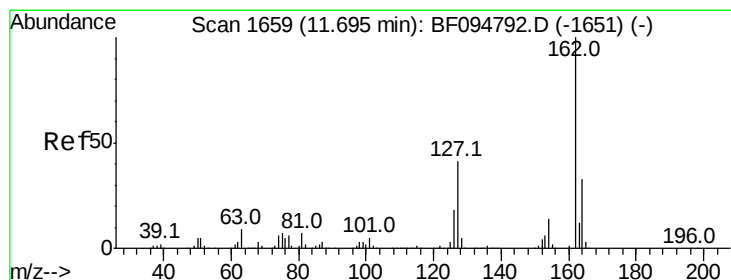
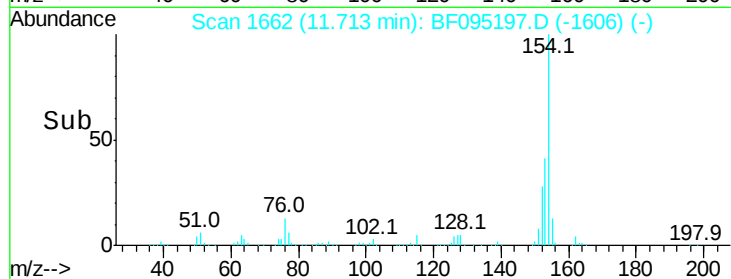
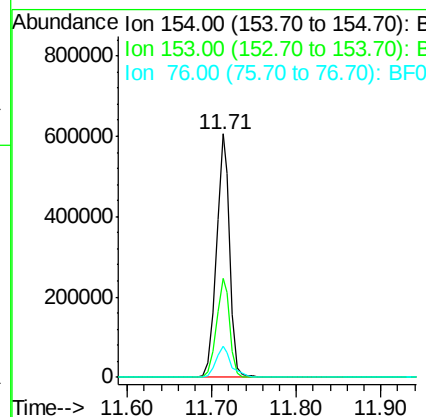
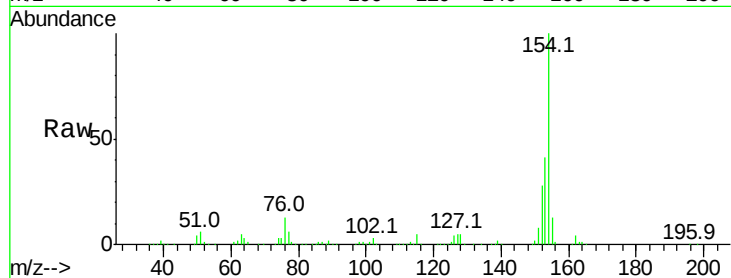
#45
 1,1'-Biphenyl
 Concen: 48.33 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.7	0.0	29.9

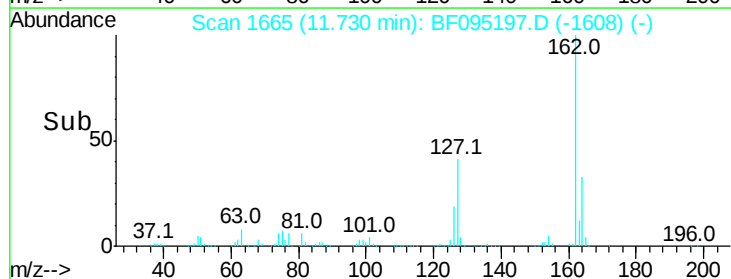
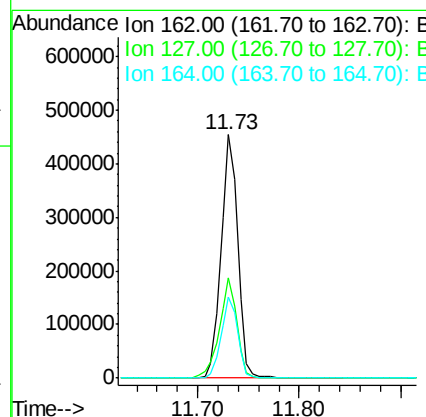
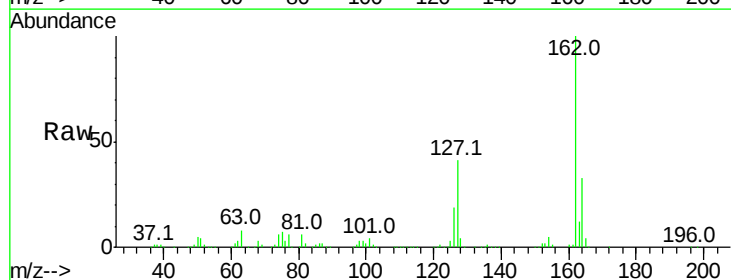
Manual Integrations
 APPROVED

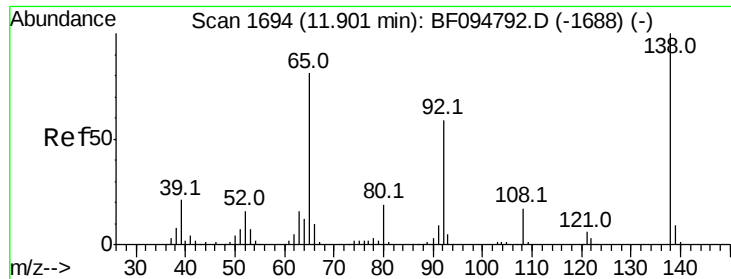
mohammad
 5/18/2017 2:29:23 PM



#46
 2-Chloronaphthalene
 Concen: 46.14 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	33.4	27.0	40.4





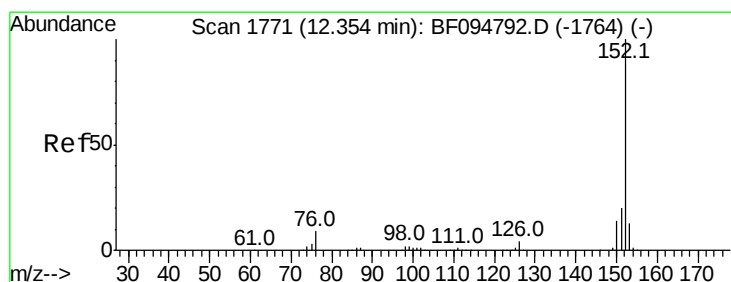
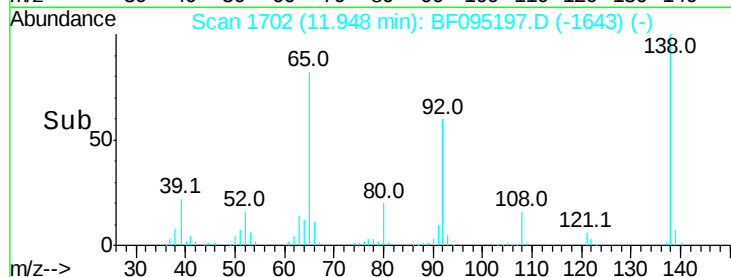
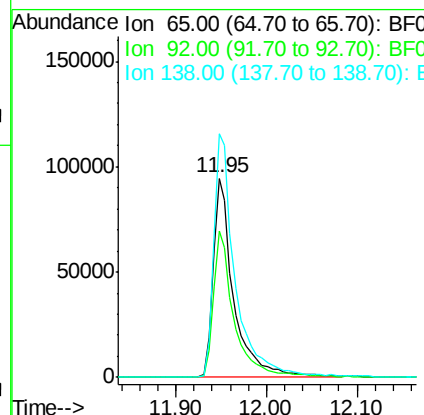
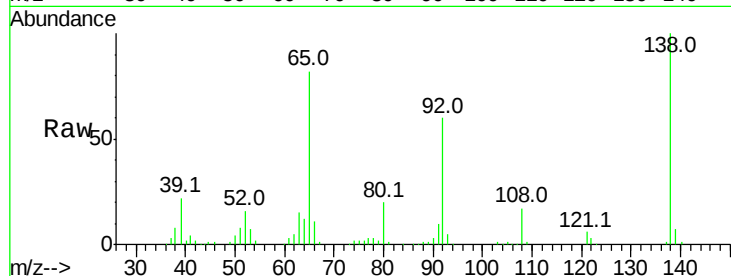
#47
 2-Nitroaniline
 Concen: 49.08 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.9	80.9
138	122.3	78.8	118.2

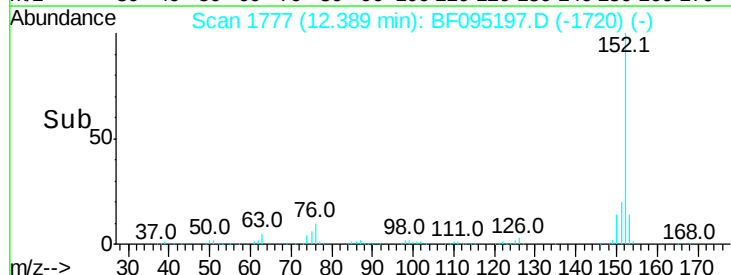
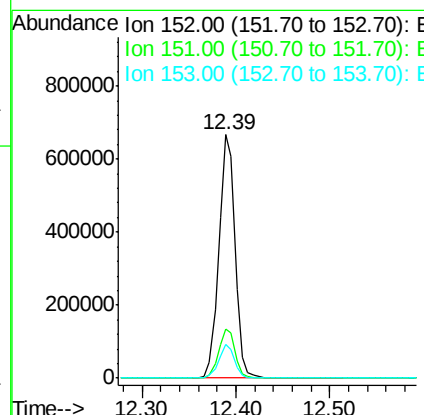
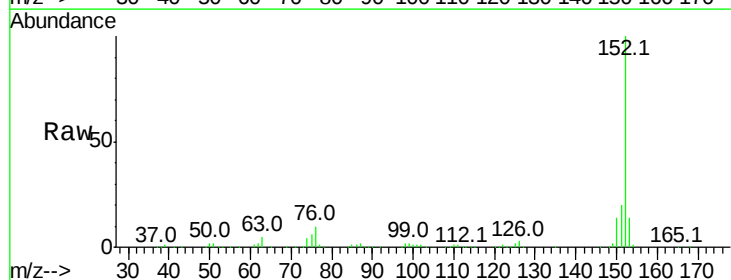
Manual Integrations
 APPROVED

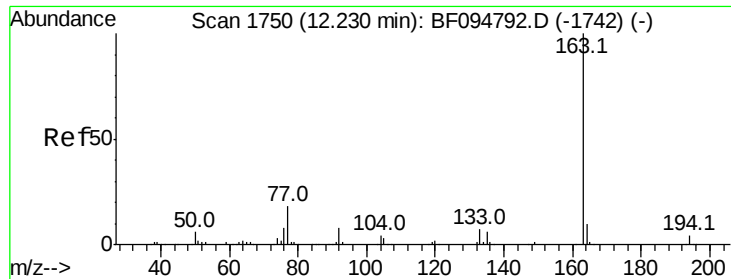
mohammad
 5/18/2017 2:29:23 PM



#48
 Acenaphthylene
 Concen: 45.65 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.7	10.8	16.2





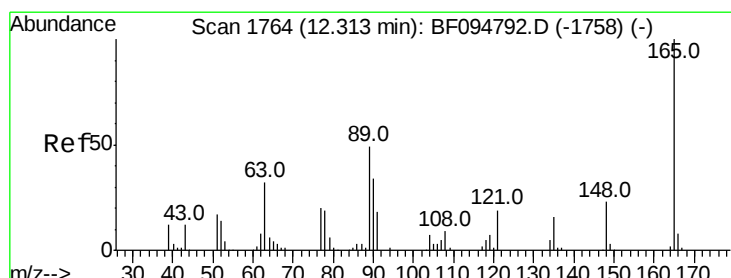
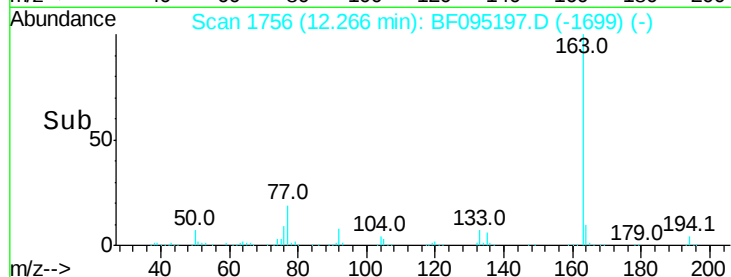
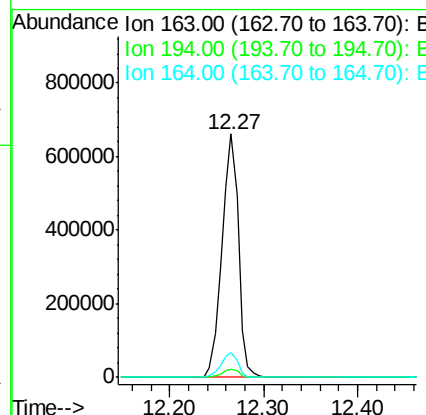
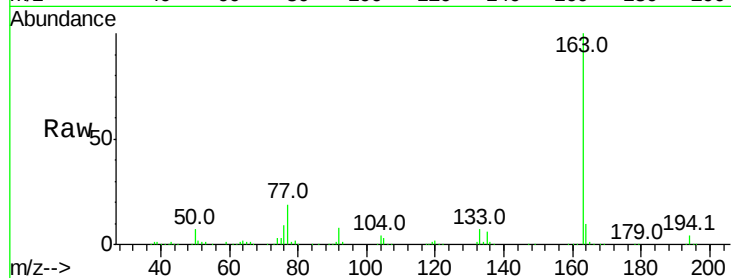
#49
Dimethylphthalate
Concen: 59.67 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.1	8.4	12.6	

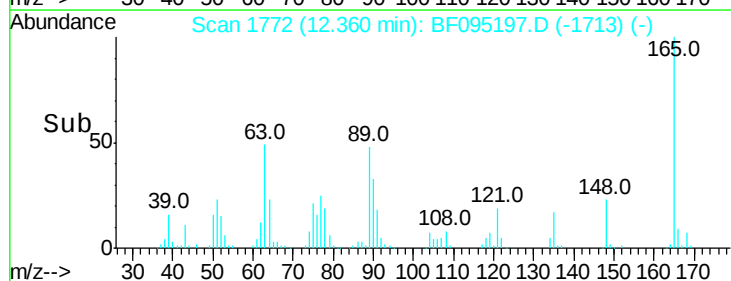
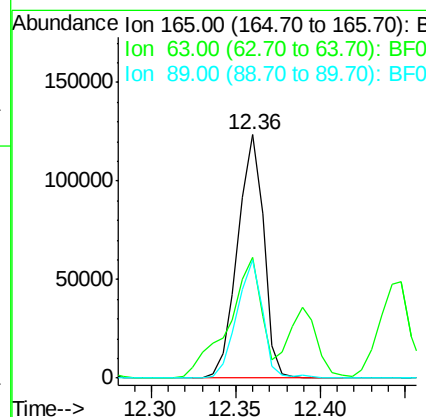
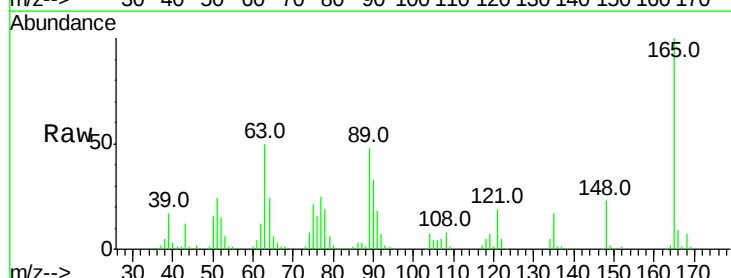
Manual Integrations
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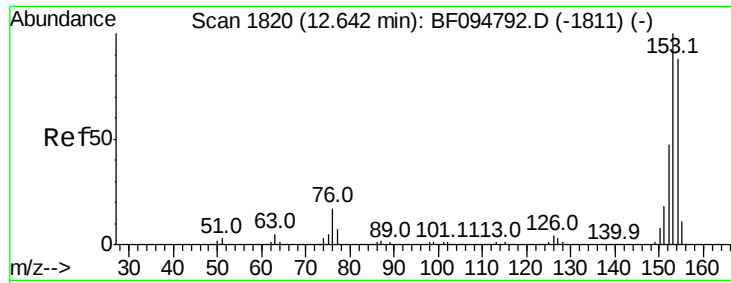
mohammad
5/18/2017 2:29:23 PM



#50
2,6-Dinitrotoluene
Concen: 47.72 ng
RT: 12.36 min Scan# 1772
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.6	34.3	51.5	
89	48.4	37.1	55.7	





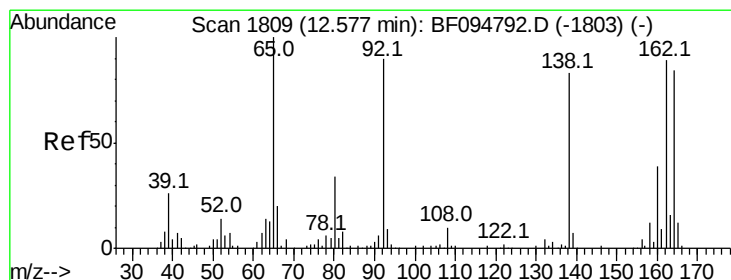
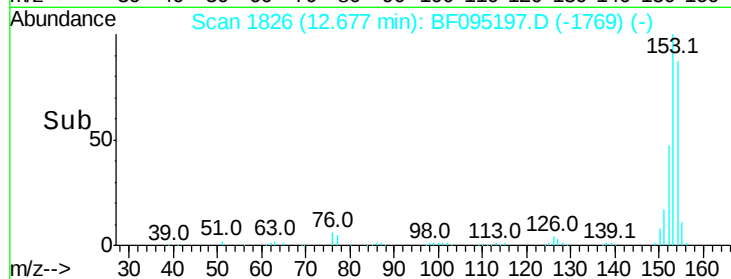
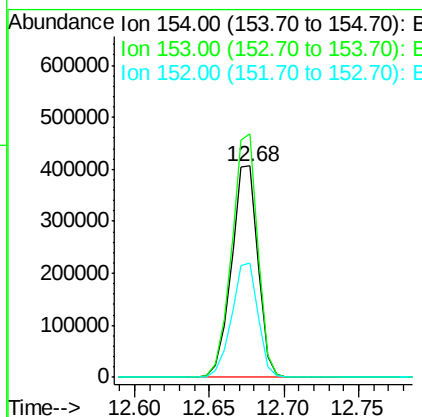
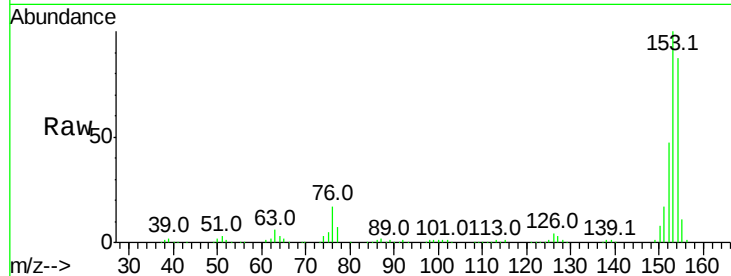
#51
Acenaphthene
Concen: 47.94 ng
RT: 12.68 min Scan# 1826
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	54.2	43.6	65.4

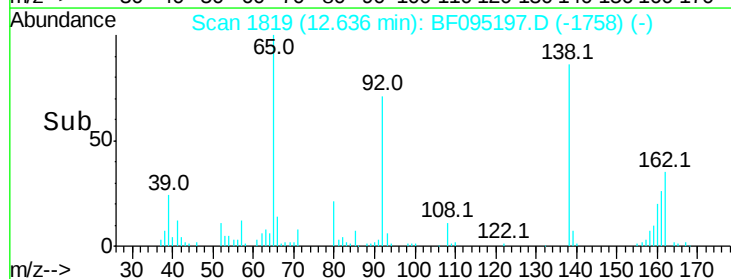
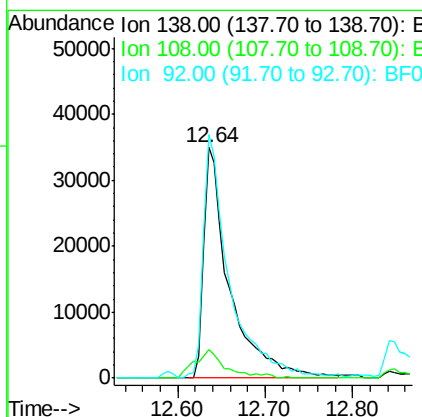
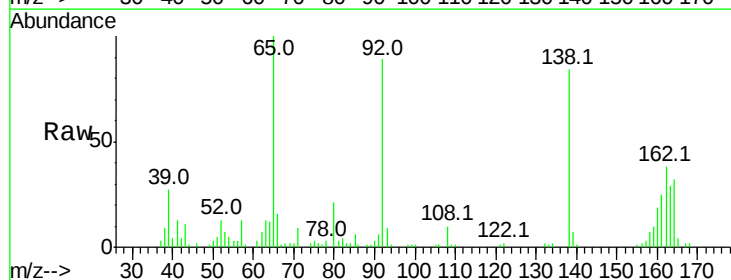
Manual Integrations
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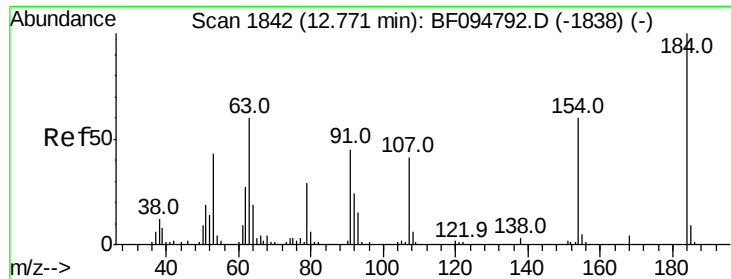
mohammad
5/18/2017 2:29:23 PM



#52
3-Nitroaniline
Concen: 23.99 ng
RT: 12.64 min Scan# 1819
Delta R.T. 0.06 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.1	13.7
92	105.6	93.8	140.6





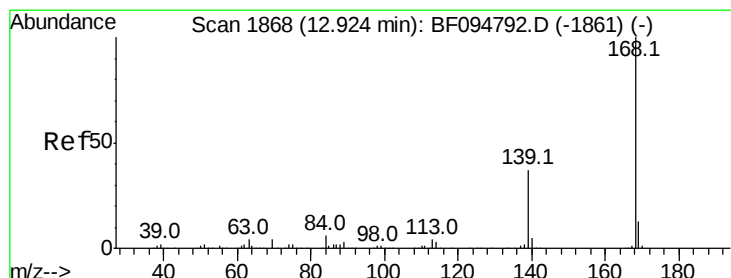
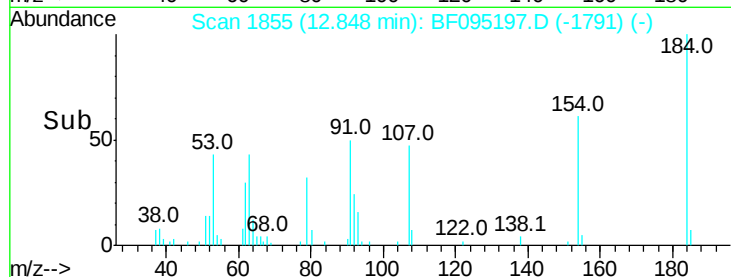
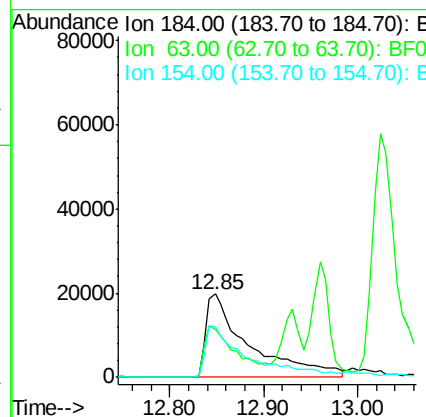
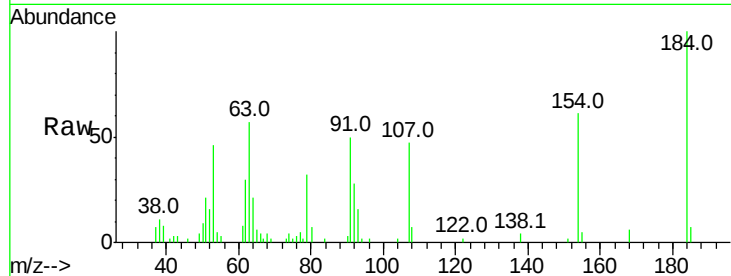
#53
 2,4-Dinitrophenol
 Concen: 44.23 ng
 RT: 12.85 min Scan# 1855
 Delta R.T. 0.08 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.1	62.7	94.1#
154	60.9	81.1	121.7#

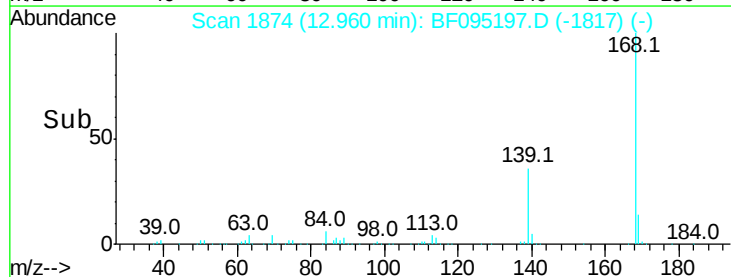
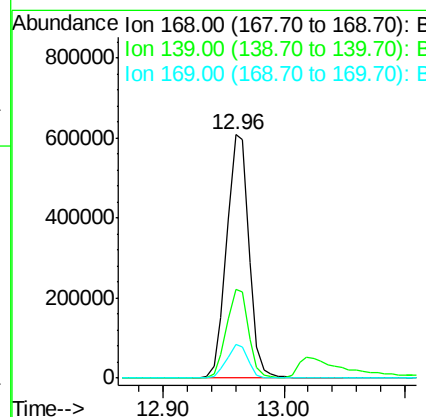
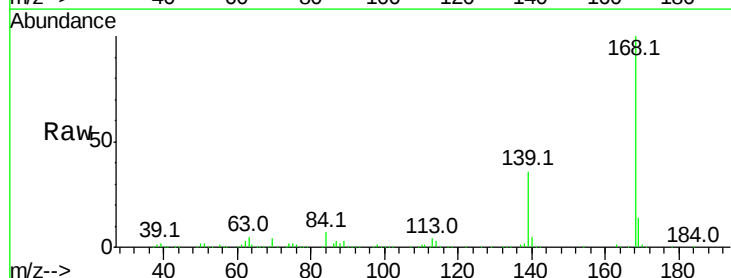
Manual Integrations
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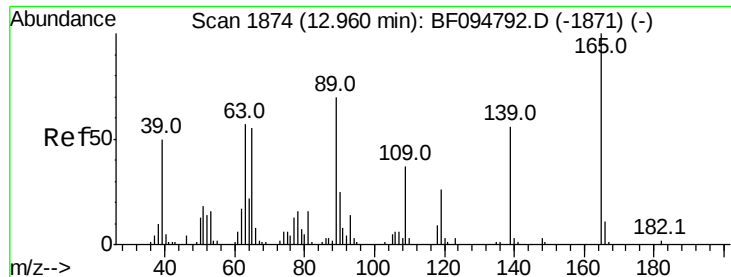
mohammad
 5/18/2017 2:29:23 PM



#54
 Dibenzofuran
 Concen: 53.09 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	13.8	10.8	16.2





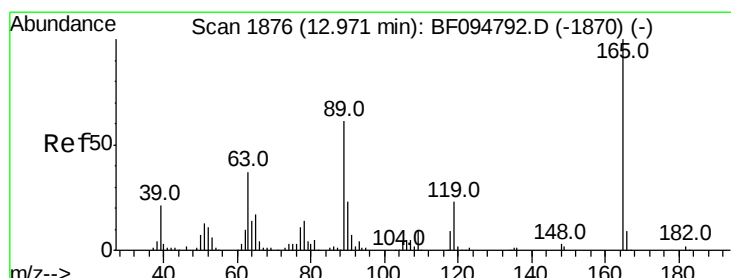
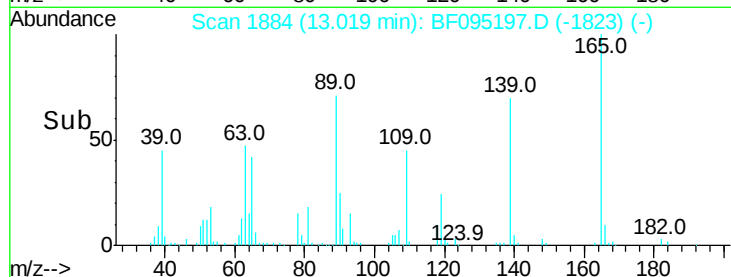
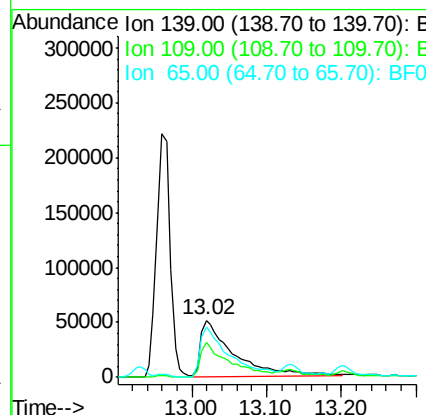
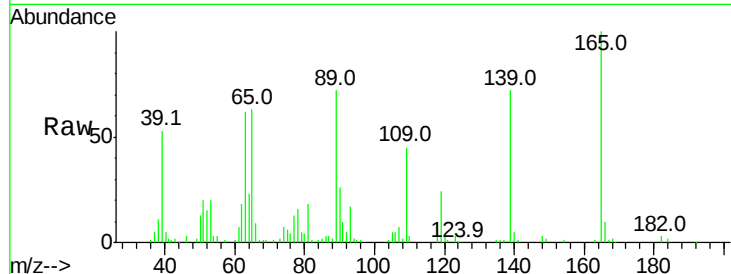
#55
4-Nitrophenol
Concen: 89.97 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	161349		
109	61.7	34.1	74.1	
65	87.8	31.4	71.4#	

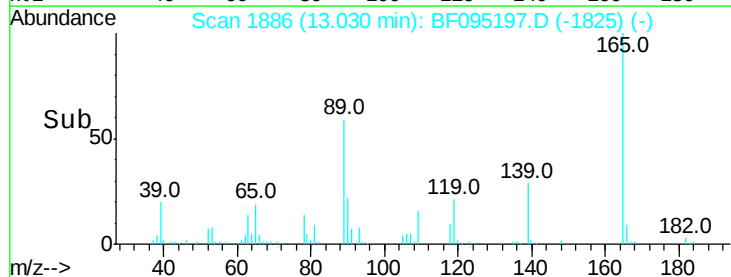
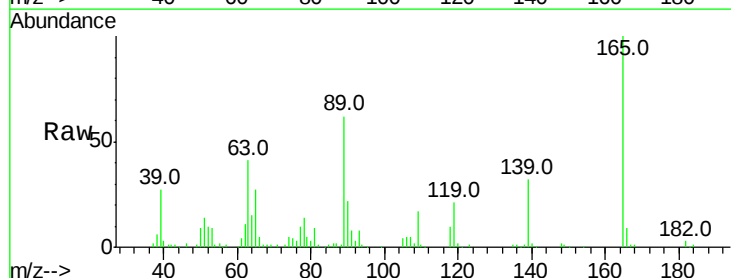
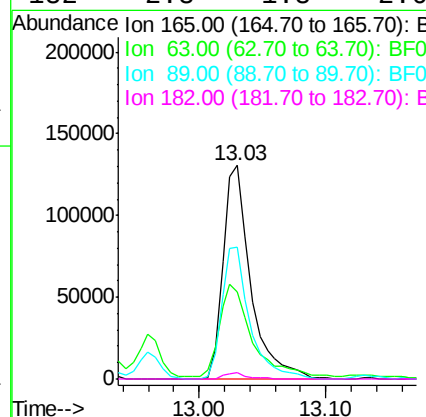
Manual Integrations
APPROVED

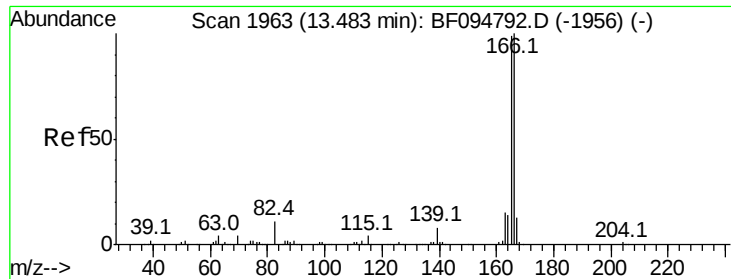
mohammad
5/18/2017 2:29:23 PM



#56
2,4-Dinitrotoluene
Concen: 55.44 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198177		
63	40.8	25.4	38.0#	
89	61.6	46.4	69.6	
182	2.8	1.8	2.6#	





#57

Fluorene

Concen: 44.59 ng

RT: 13.52 min Scan# 1969

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

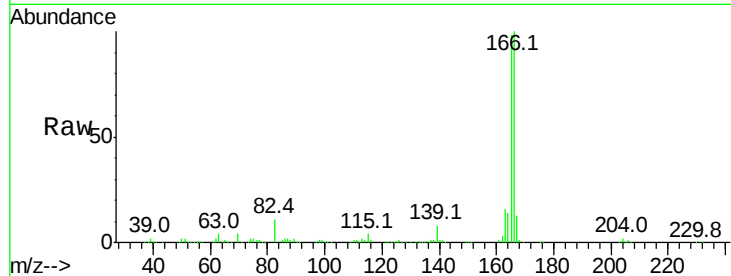
ClientSampleId :

SOUTH-CMS

Tot Ion:	166	Resp:	566854
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.8	118.2
167	13.4	10.6	16.0

Manual Integrations
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5/18/2017 2:29:23 PM

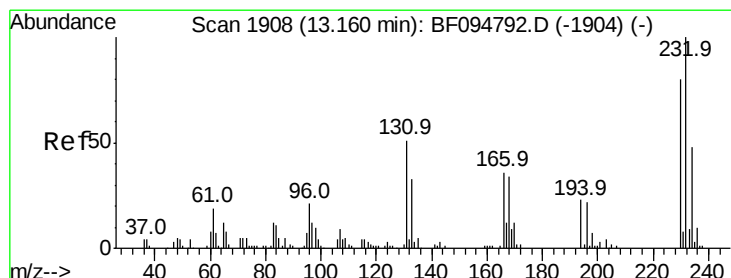
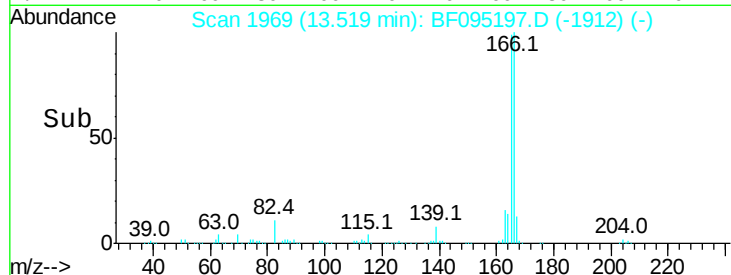
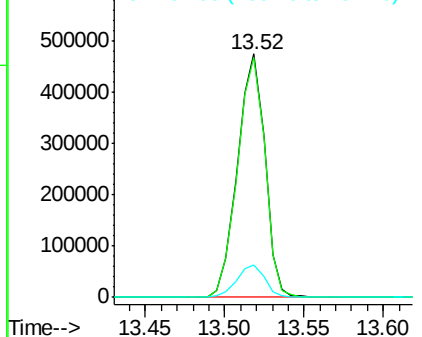


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.32 ng

RT: 13.21 min Scan# 1916

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	232	Resp:	118394
Ion Ratio	Lower	Upper	
232	100		
131	51.1	44.8	67.2
130	2.1	2.3	3.5#
166	34.6	29.0	43.4

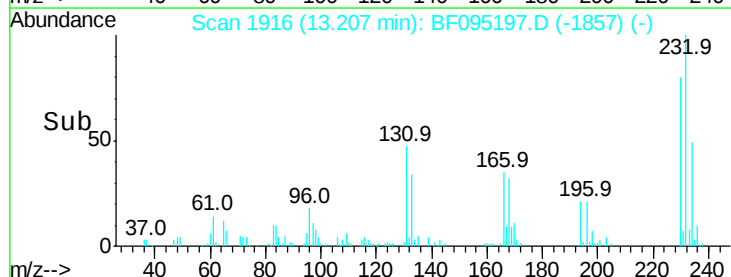
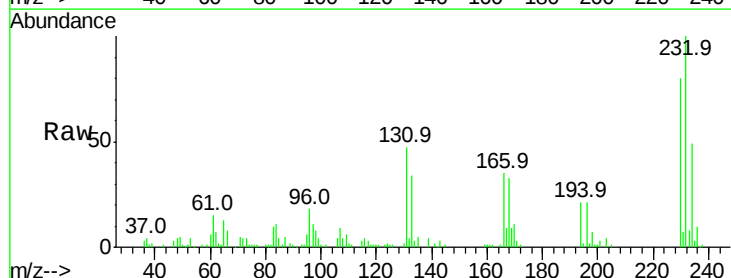
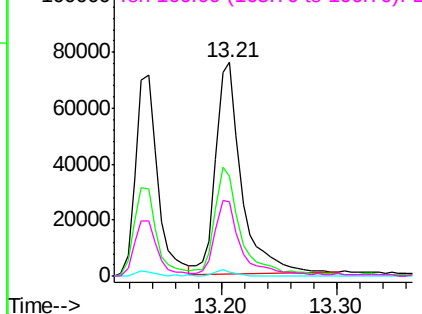
Abundance

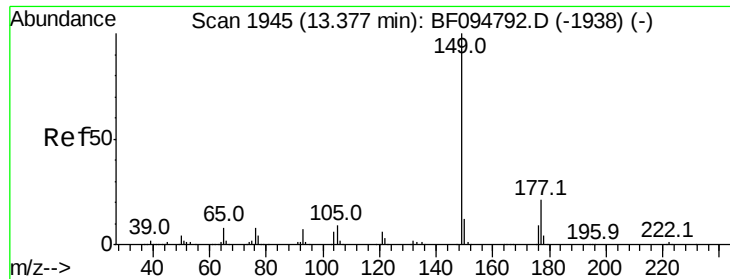
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





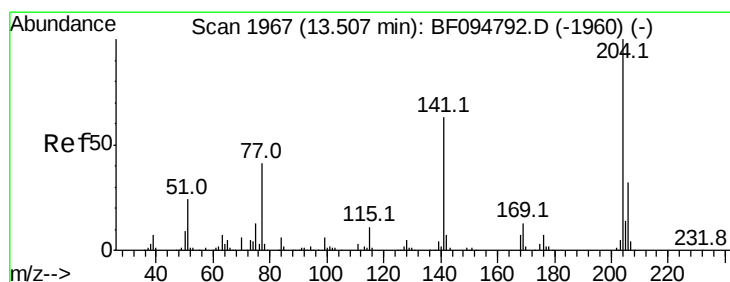
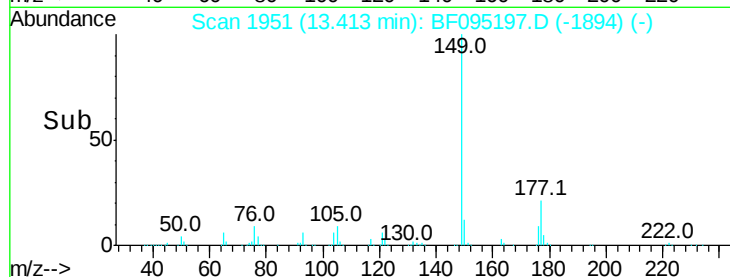
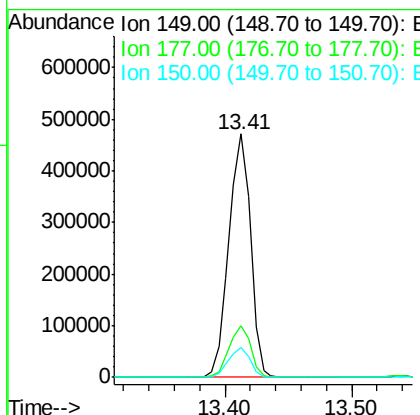
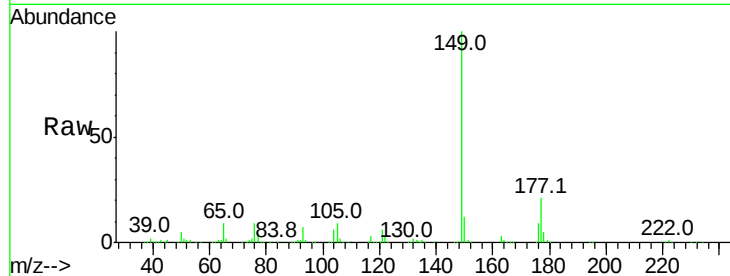
#59
Diethylphthalate
Concen: 42.59 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	556605		
177	21.4	16.7	25.1	
150	12.2	10.2	15.2	

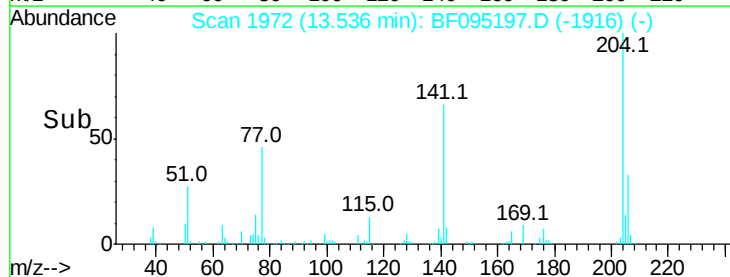
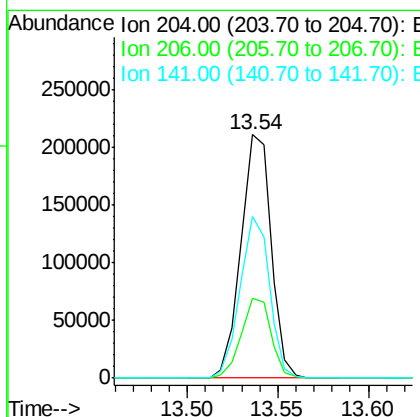
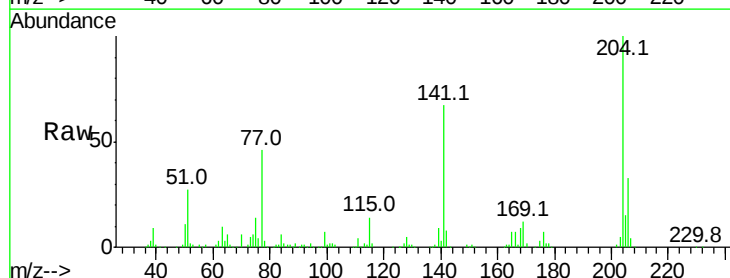
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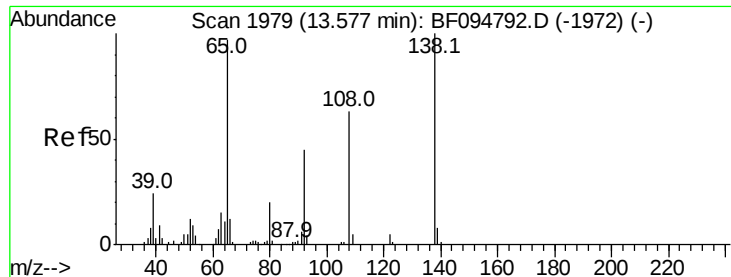
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.79 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	244674		
206	32.8	26.2	39.2	
141	66.6	60.8	91.2	





#61

4-Nitroaniline

Concen: 44.07 ng

RT: 13.64 min Scan# 1989

Delta R.T. 0.06 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

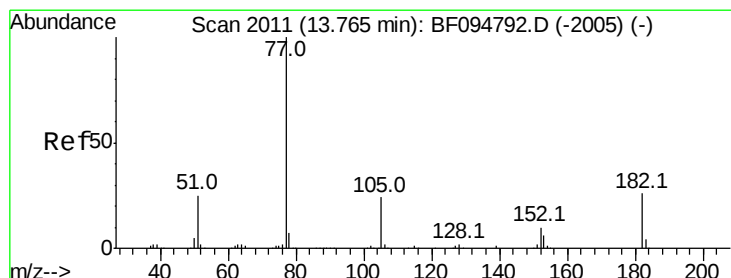
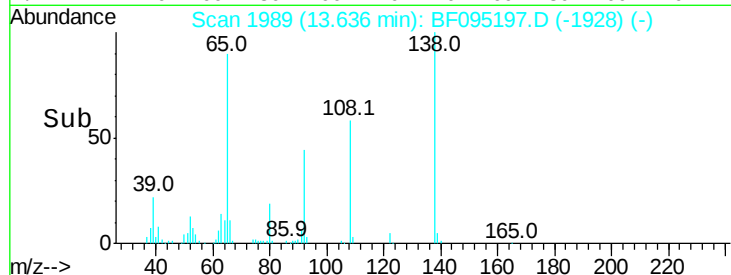
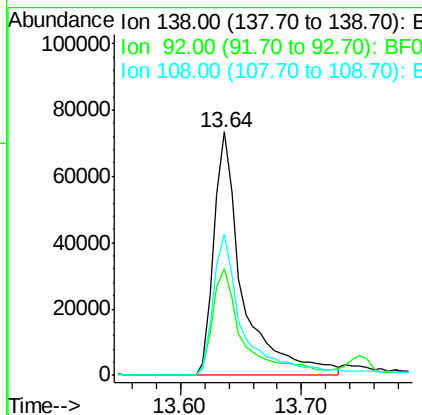
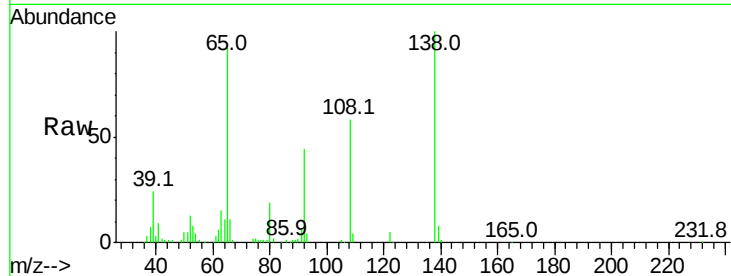
ClientSampleId :

SOUTH-CMS

Tot Ion:	138	Resp:	120800
Ion Ratio	Lower	Upper	
138	100		
92	43.8	21.8	61.8
108	57.8	42.3	82.3

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#62

Azobenzene

Concen: 53.94 ng

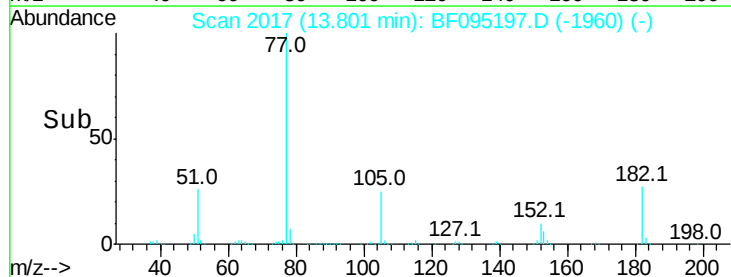
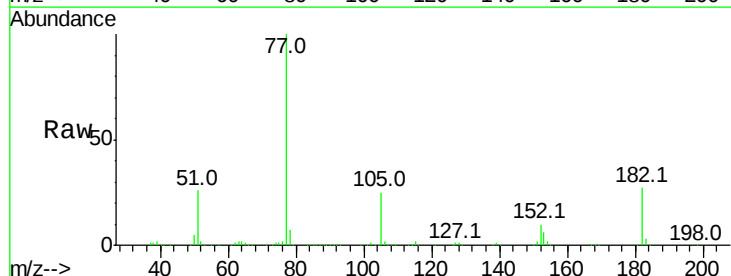
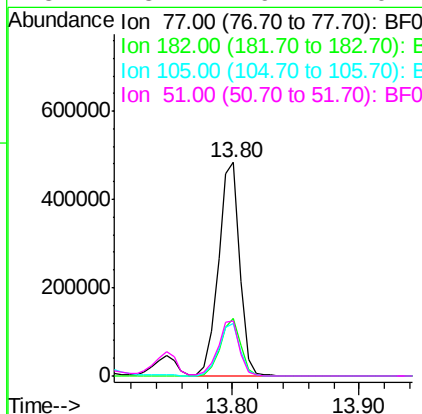
RT: 13.80 min Scan# 2017

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion:	77	Resp:	566510
Ion Ratio	Lower	Upper	
77	100		
182	27.2	0.1	40.1
105	24.7	3.6	43.6
51	25.7	9.4	49.4





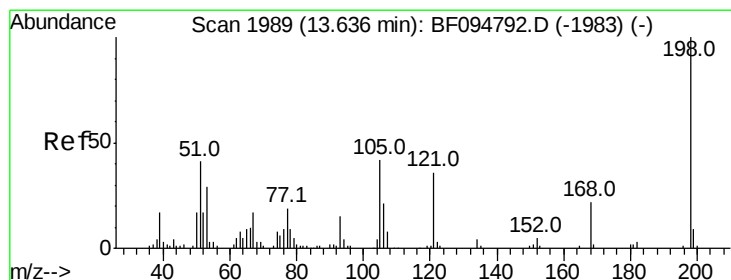
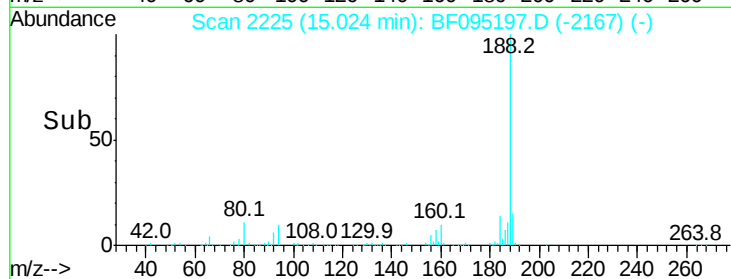
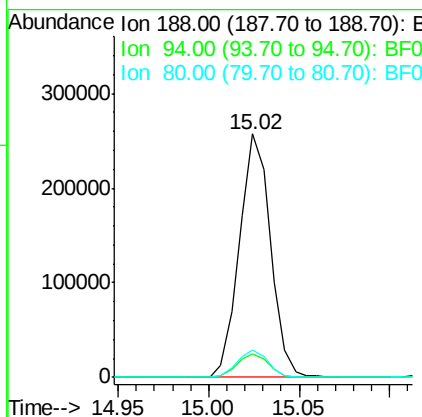
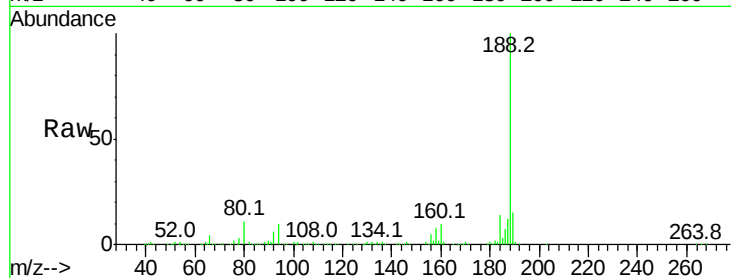
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.1	10.2	15.2

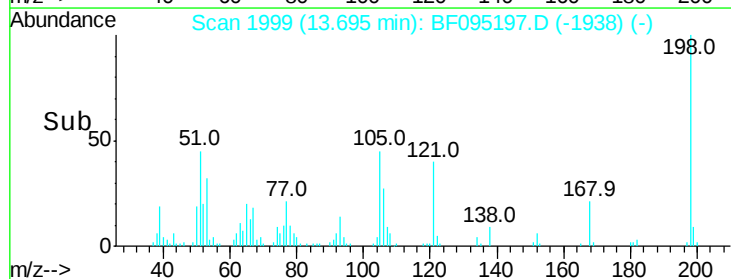
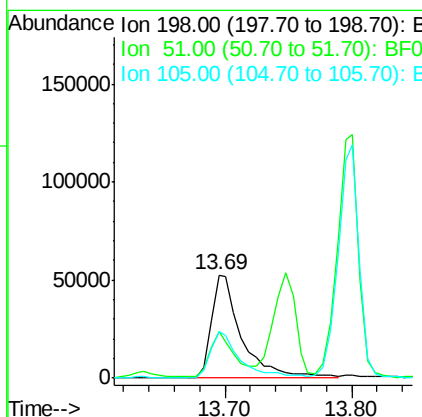
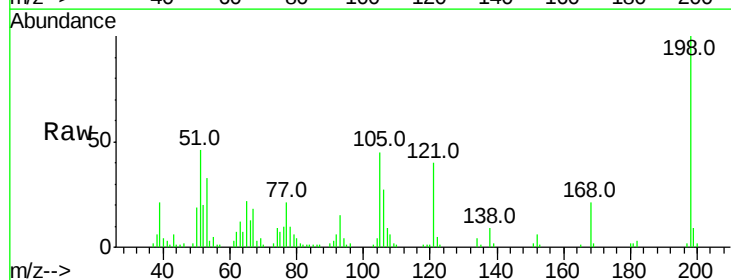
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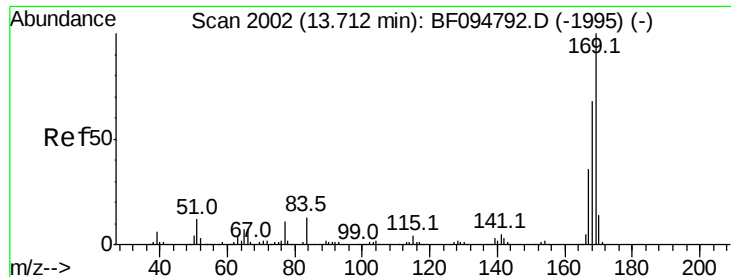
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.66 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. 0.06 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.5	53.2	93.2#
105	45.0	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 48.44 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

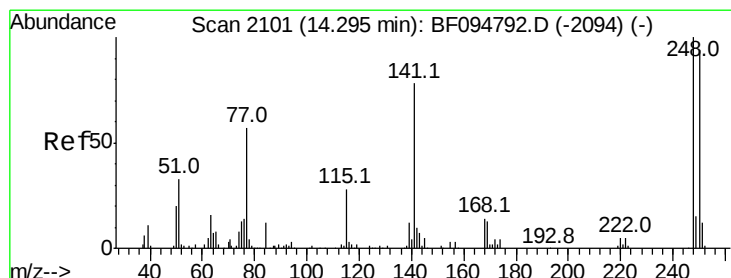
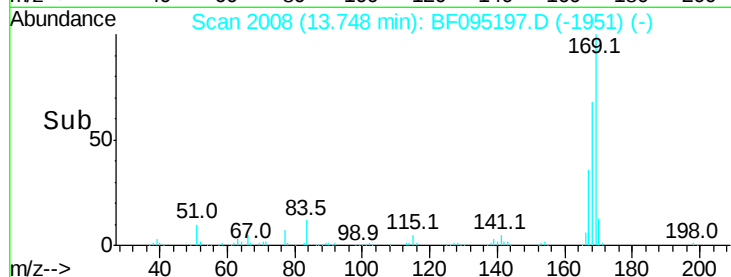
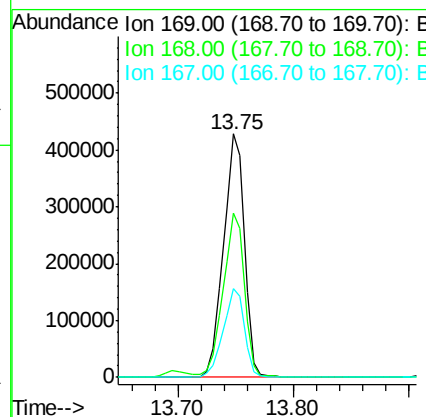
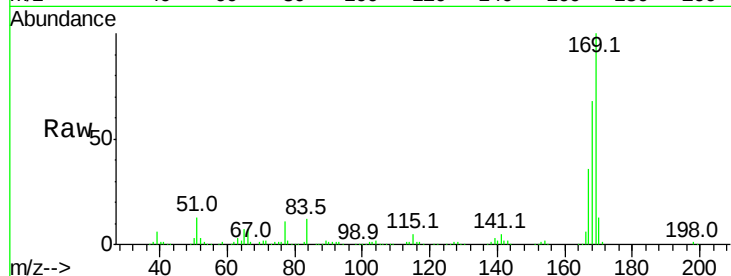
ClientSampleId :

SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	538917		
168	67.7	53.2	79.8	
167	36.5	29.5	44.3	

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#66

4-Bromophenyl-phenylether

Concen: 46.07 ng

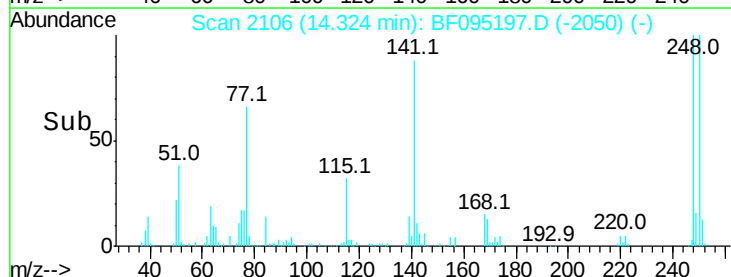
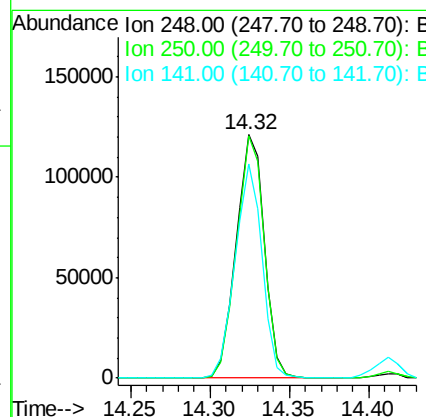
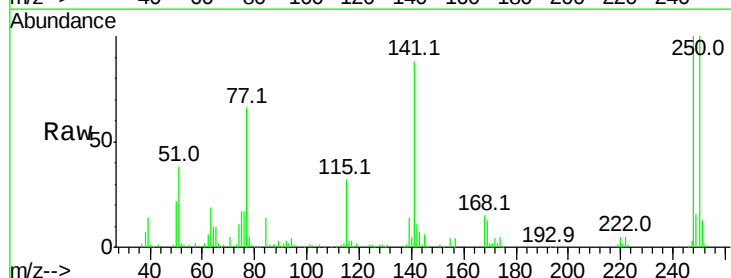
RT: 14.32 min Scan# 2106

Delta R.T. 0.03 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	149203		
250	99.7	76.8	115.2	
141	88.0	68.6	103.0	





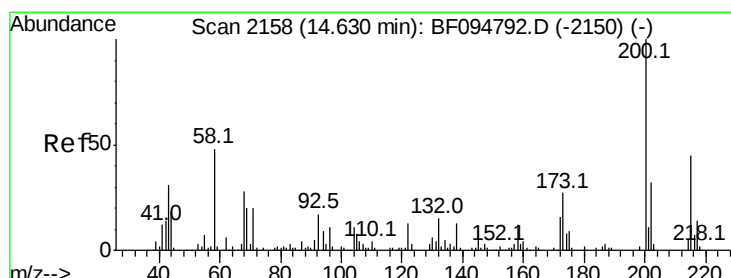
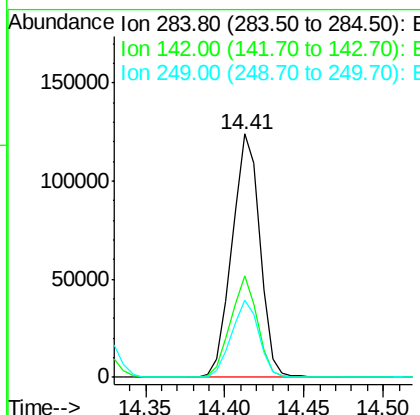
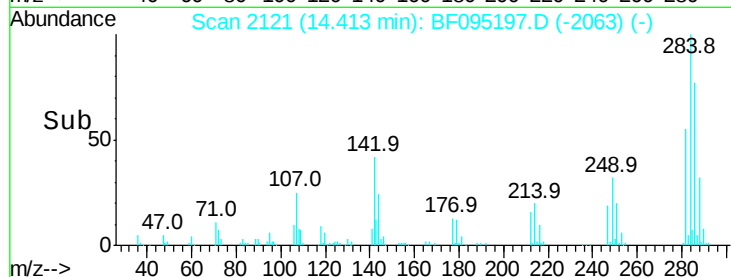
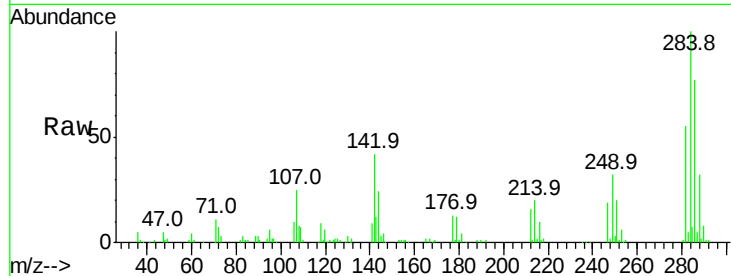
#67
Hexachlorobenzene
Concen: 45.44 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.7	22.8	34.2	
249	31.5	24.0	36.0	

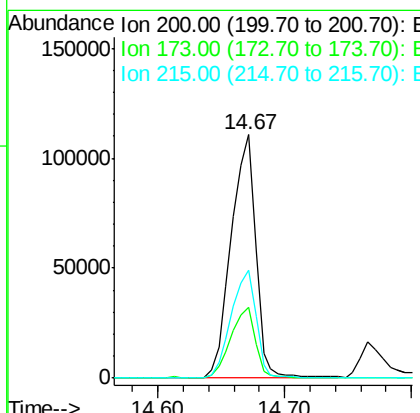
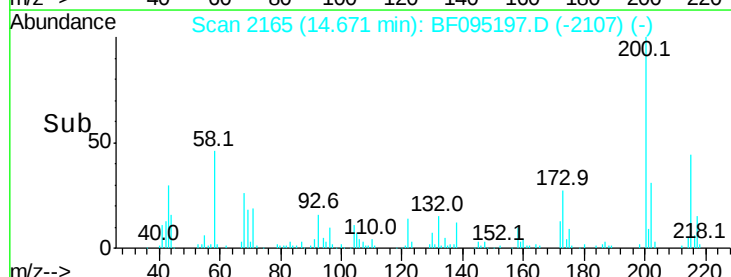
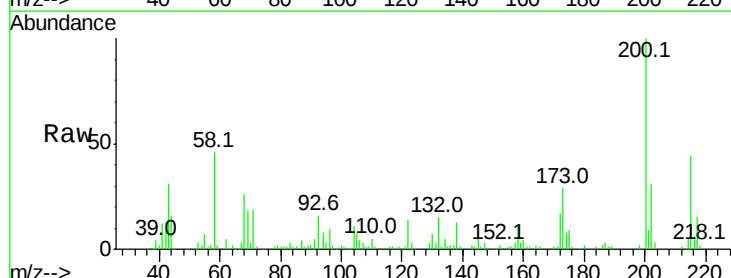
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#68
Atrazine
Concen: 47.66 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.3	6.3	46.3	
215	44.1	27.2	67.2	





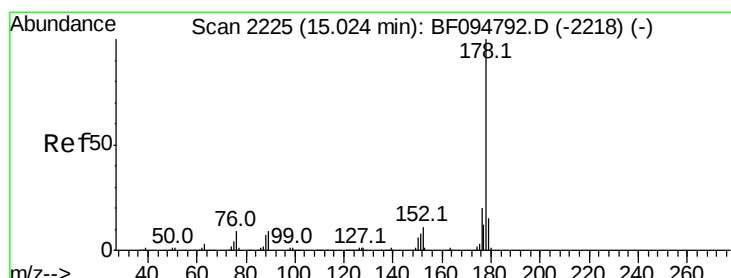
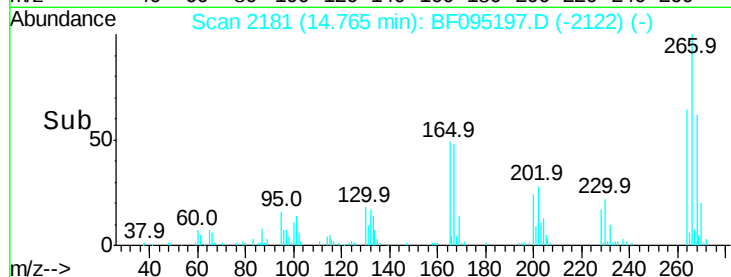
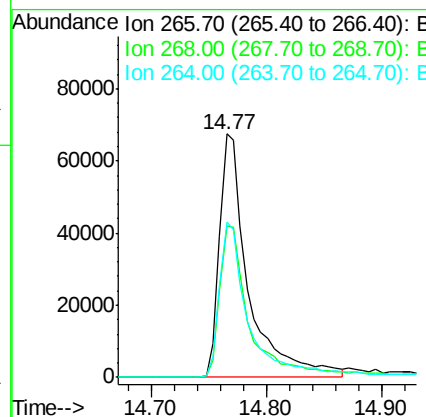
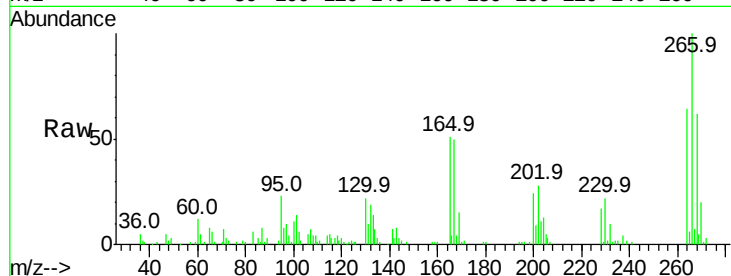
#69
 Pentachlorophenol
 Concen: 78.78 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. 0.05 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	118070		
268	62.4		51.1	76.7
264	64.0		51.7	77.5

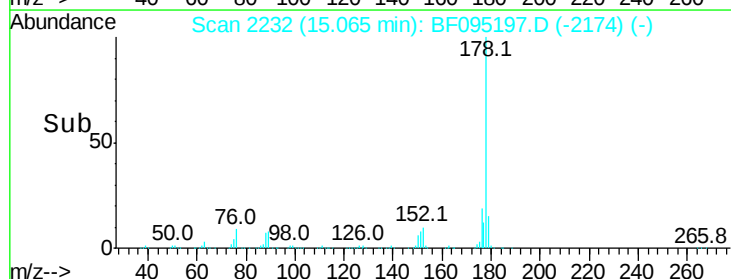
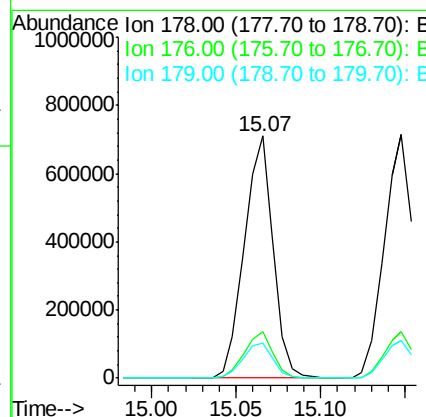
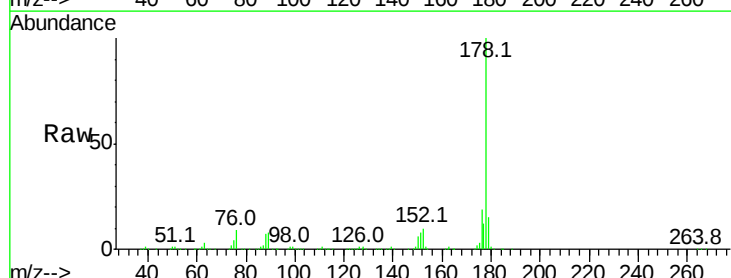
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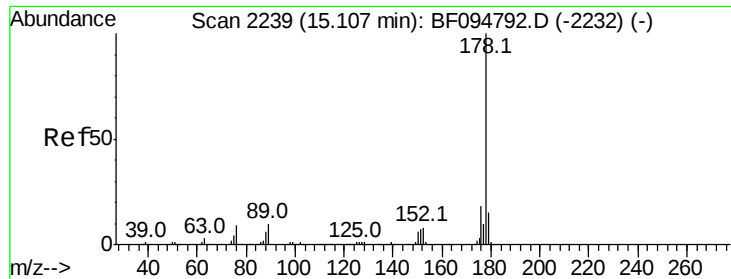
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#70
 Phenanthrene
 Concen: 47.86 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	843028		
176	19.3		16.2	24.4
179	14.6		12.6	19.0





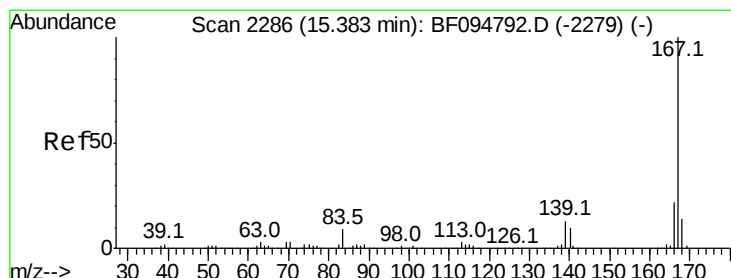
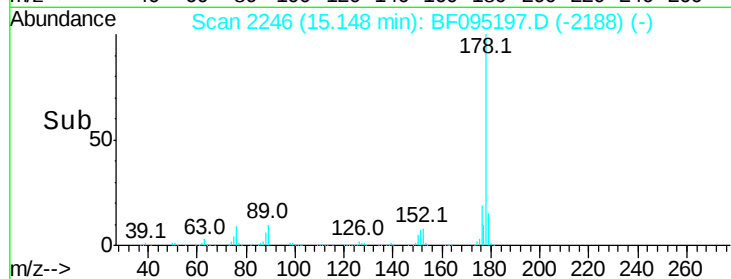
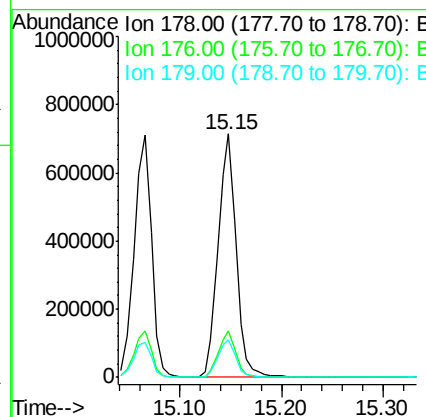
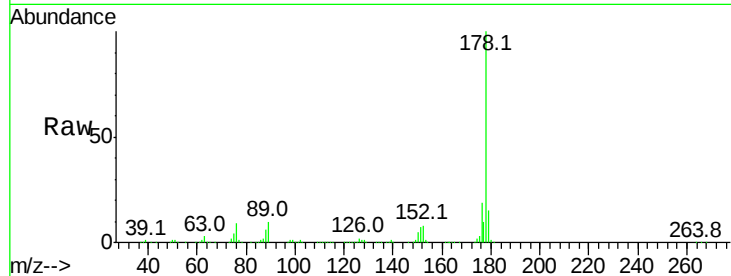
#71
 Anthracene
 Concen: 49.22 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	12.7	19.1

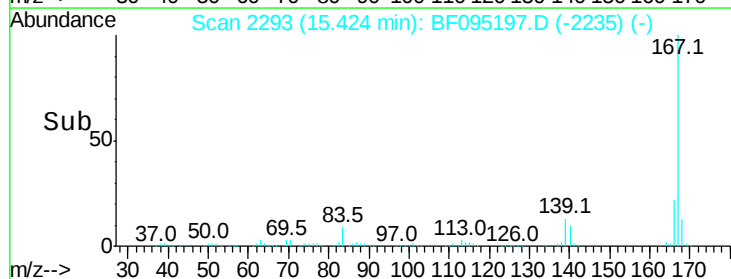
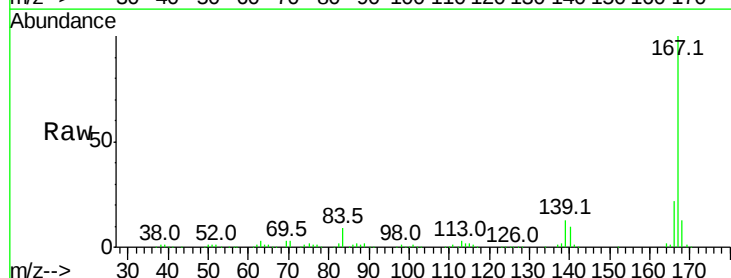
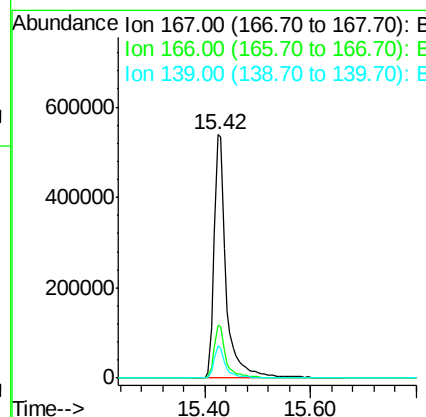
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#72
 Carbazole
 Concen: 51.94 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.1	11.7	17.5





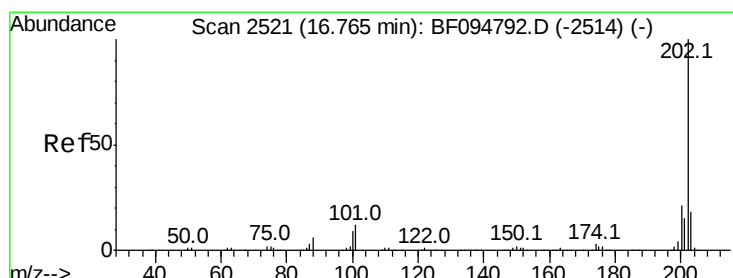
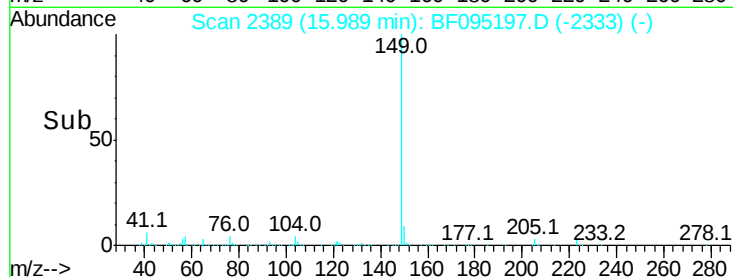
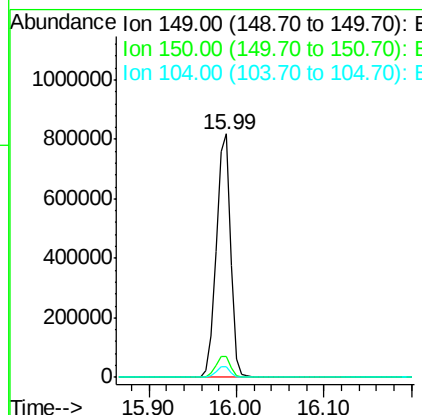
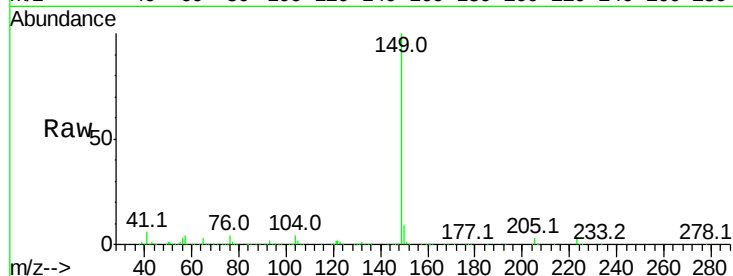
#73
Di-n-butylphthalate
Concen: 45.34 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.8	7.7	11.5	
104	4.2	4.0	6.0	

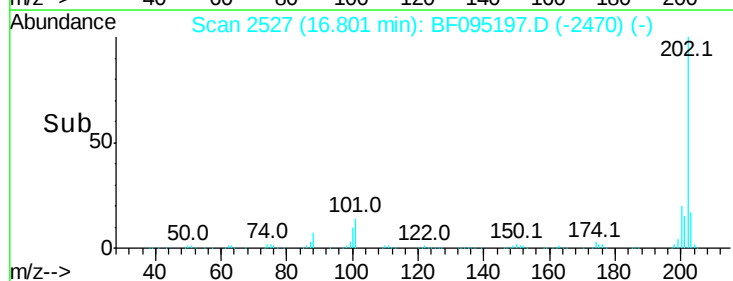
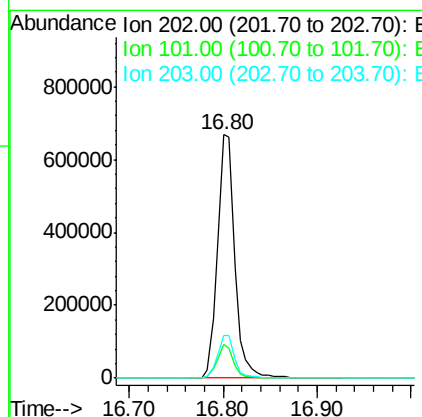
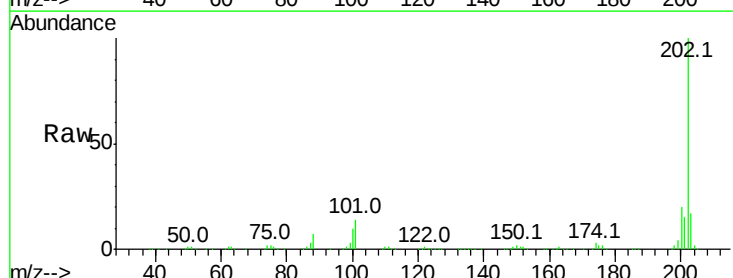
Manual Integrations
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#74
Fluoranthene
Concen: 48.23 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.7	0.0	33.2	
203	17.4	0.0	38.1	





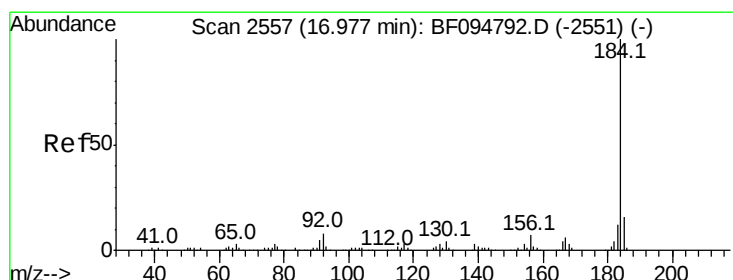
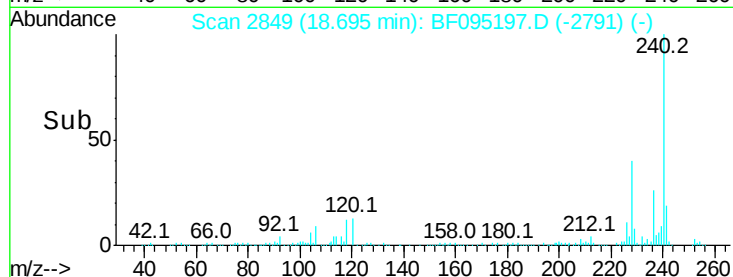
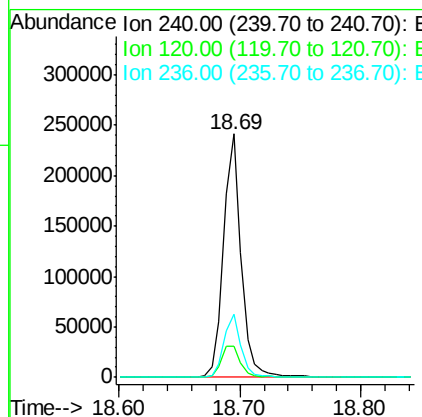
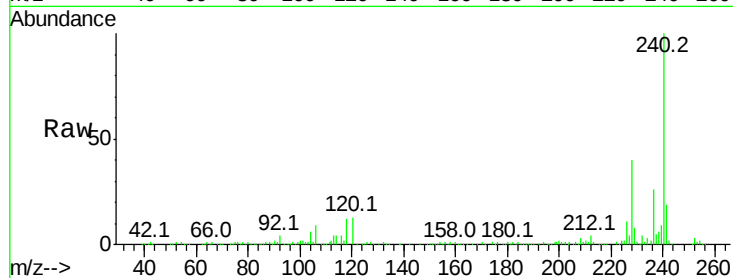
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	25.8	20.5	30.7

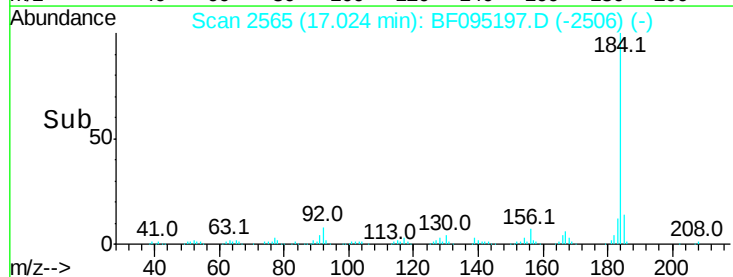
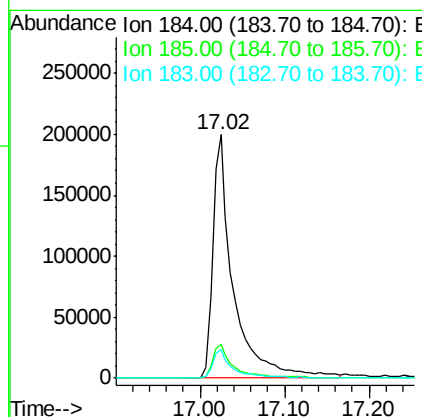
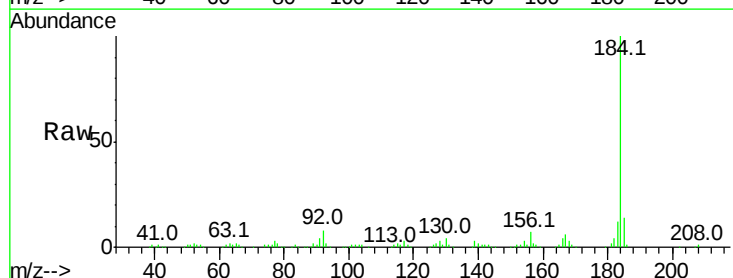
Manual Integrations
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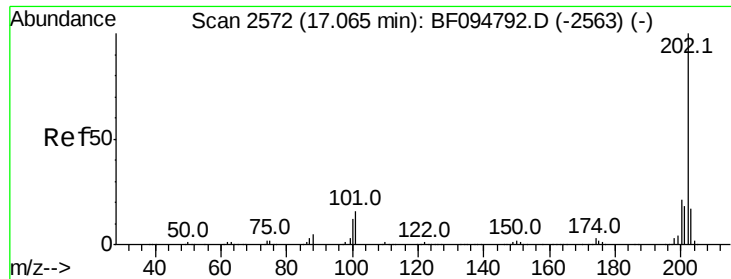
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#76
Benzidine
Concen: 51.18 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	15.5	23.3#
183	11.6	9.8	14.6





#77

Pvrene

Concen: 47.53 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

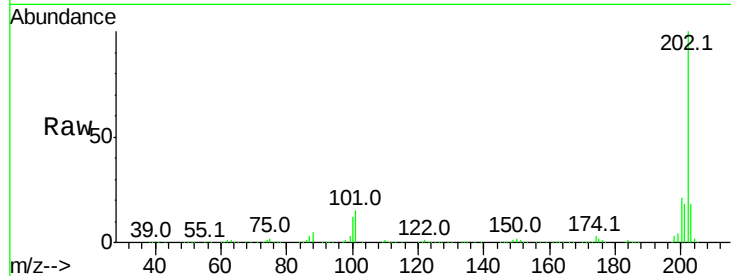
ClientSampleId :

SOUTH-CMS

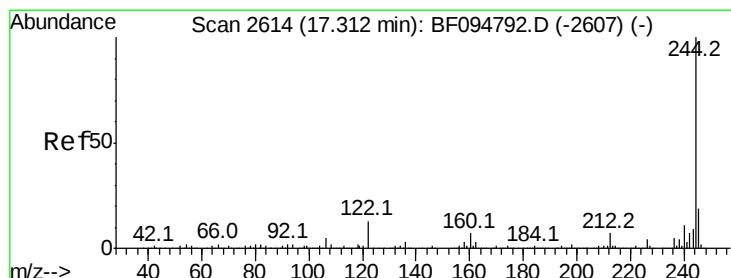
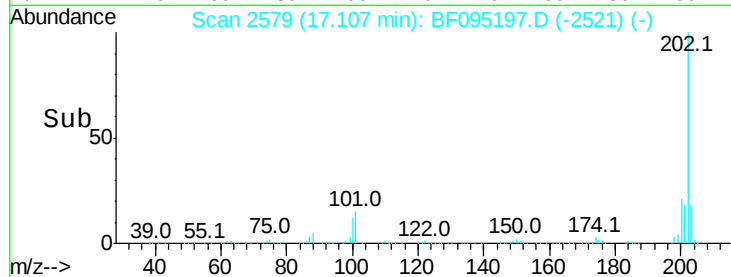
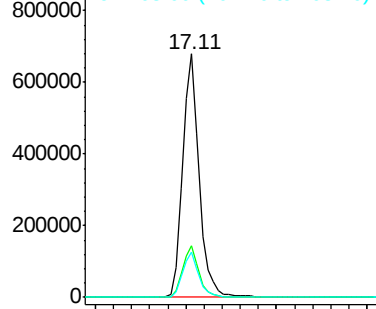
Tot Ion:	202	Resp:	865400
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	18.4	14.4	21.6

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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: 89.76 ng

RT: 17.35 min Scan# 2620

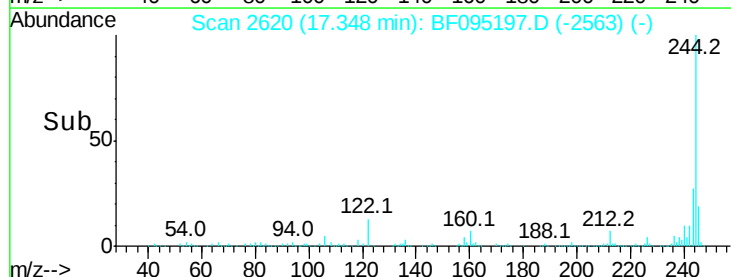
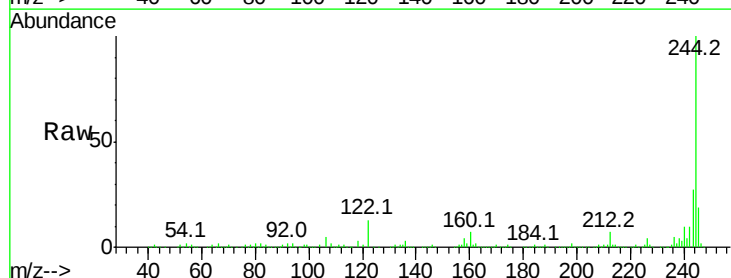
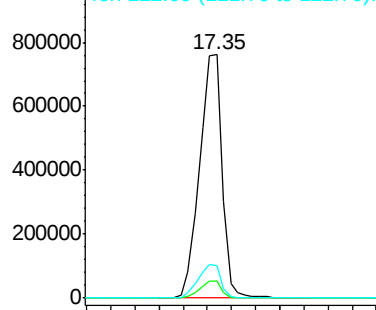
Delta R.T. 0.04 min

Lab File: BF095197.D

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Tgt Ion:	244	Resp:	992167
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.3	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





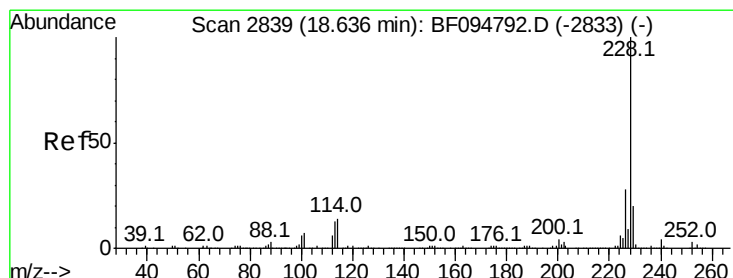
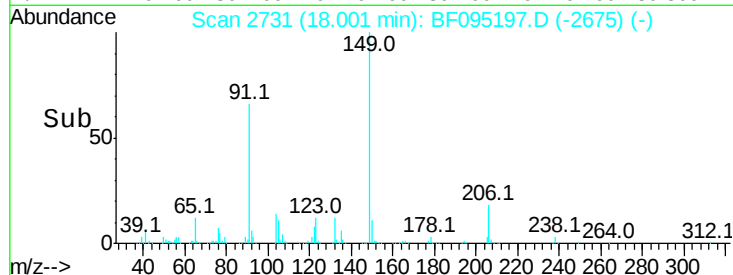
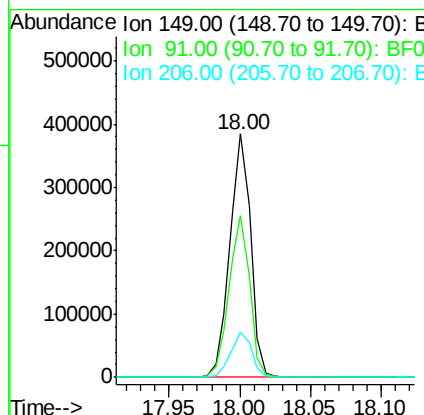
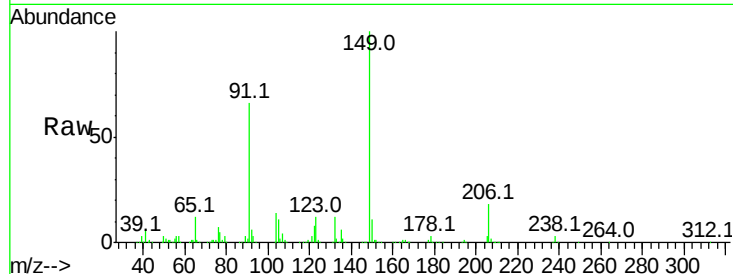
#79
Butylbenzylphthalate
Concen: 46.68 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395321		
91	66.2	45.0	67.4	
206	18.3	17.0	25.6	

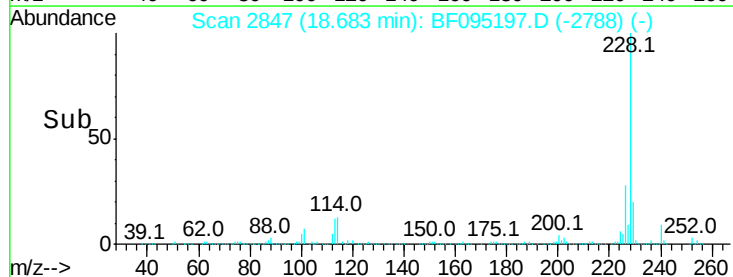
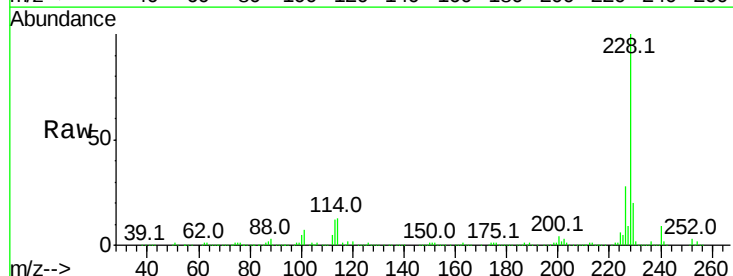
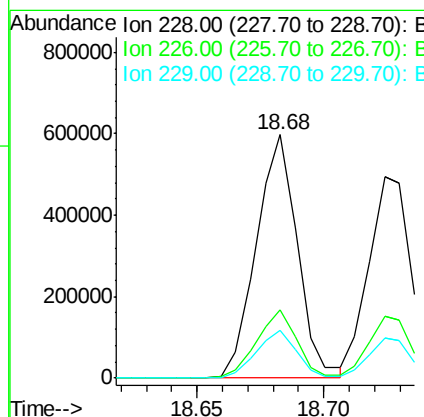
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#80
Benzo(a)anthracene
Concen: 47.49 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	672921		
226	27.8	22.6	33.8	
229	19.6	16.3	24.5	





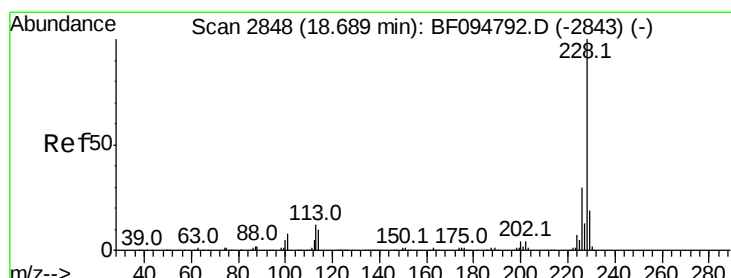
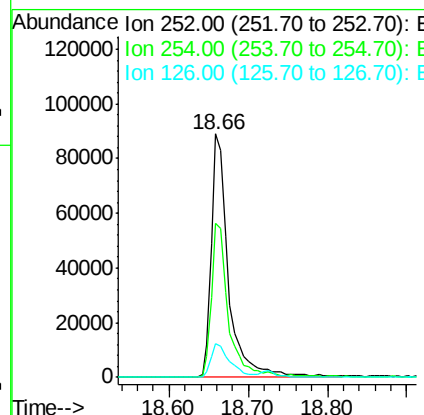
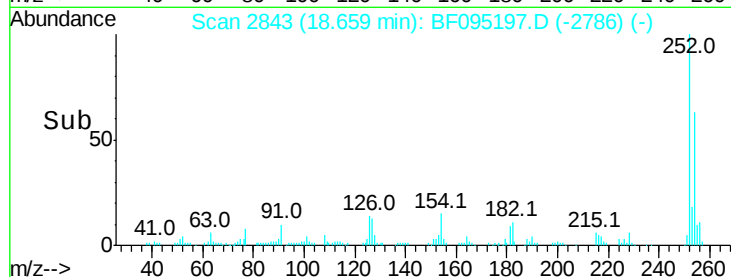
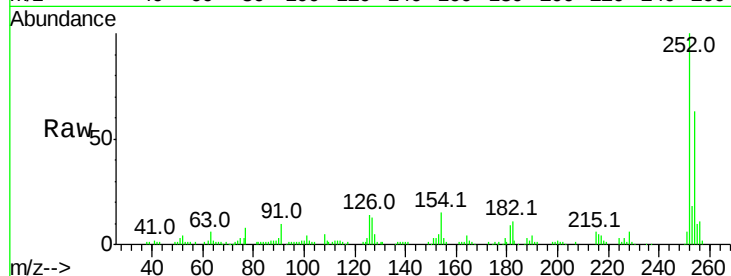
#81
 3,3'-Dichlorobenzidine
 Concen: 27.71 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.5	77.3
126	14.0	15.8	23.8

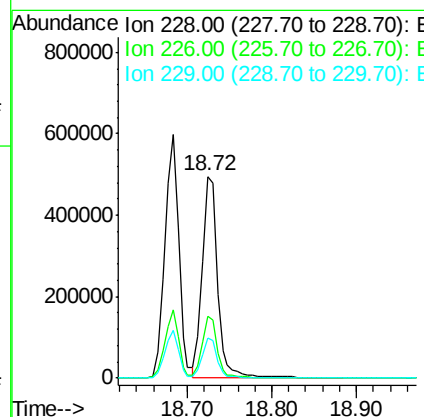
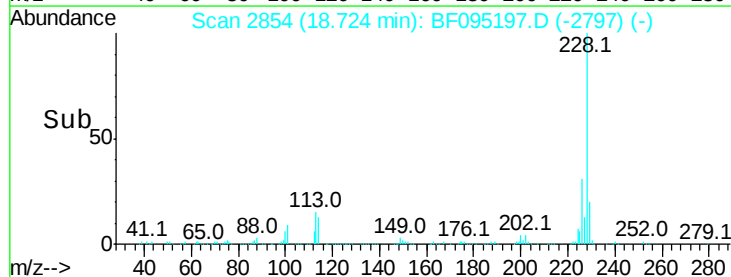
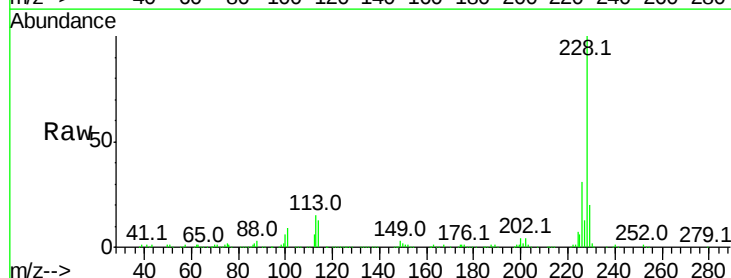
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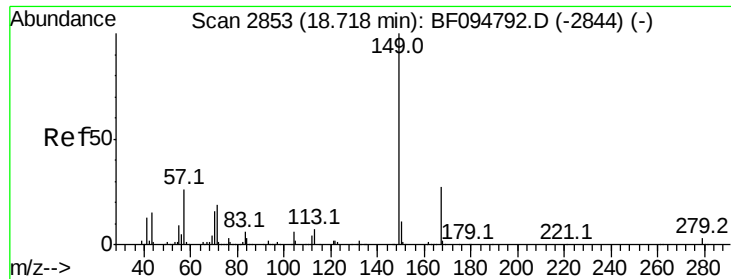
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#82
 Chrysene
 Concen: 45.12 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. 0.04 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.0	15.8	23.6





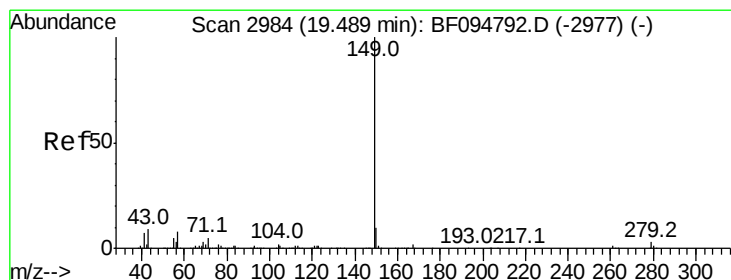
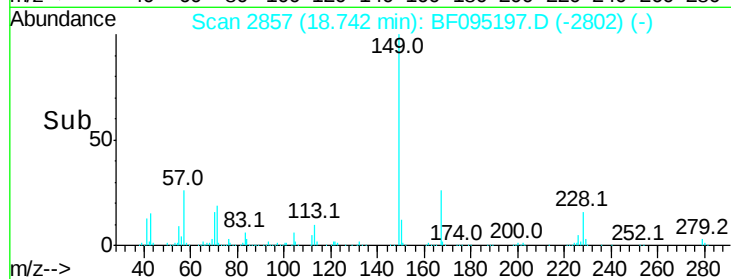
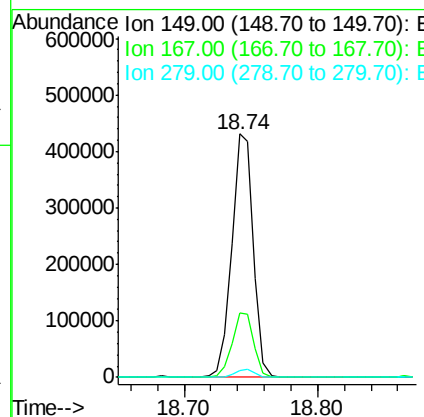
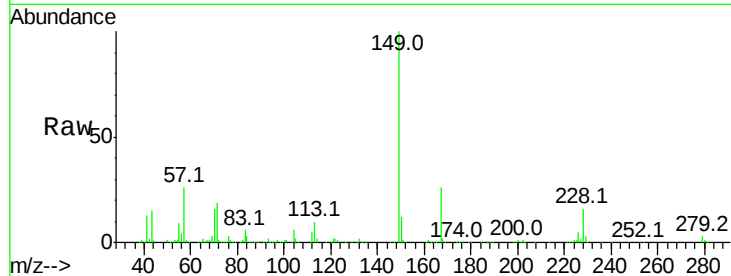
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.53 ng
 RT: 18.74 min Scan# 2857
 Delta R.T. 0.02 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	489036		
167	26.4		21.0	31.4
279	2.9		1.9	2.9#

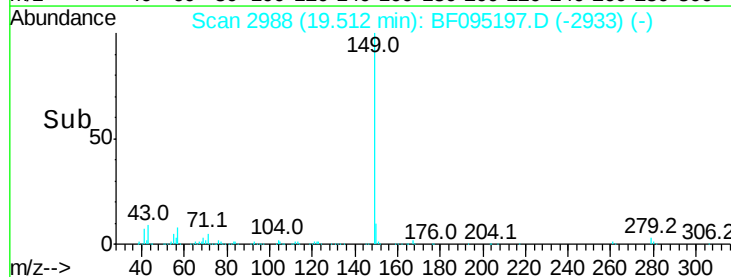
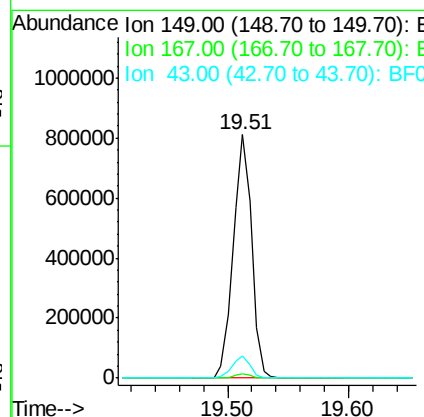
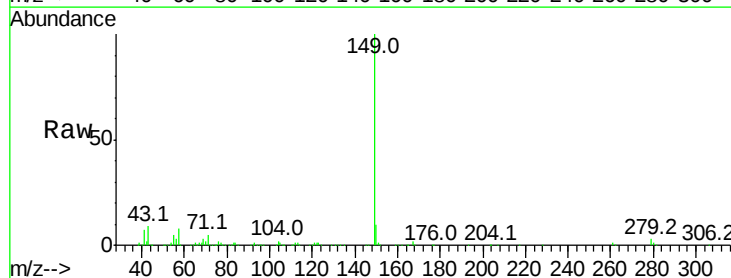
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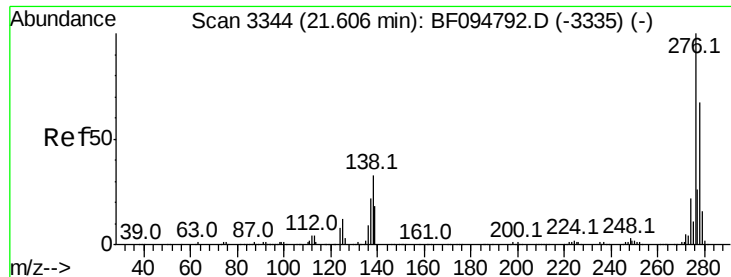
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#84
 Di-n-octyl phthalate
 Concen: 43.41 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.02 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	858746		
167	1.6		1.2	1.8
43	8.9		8.5	12.7





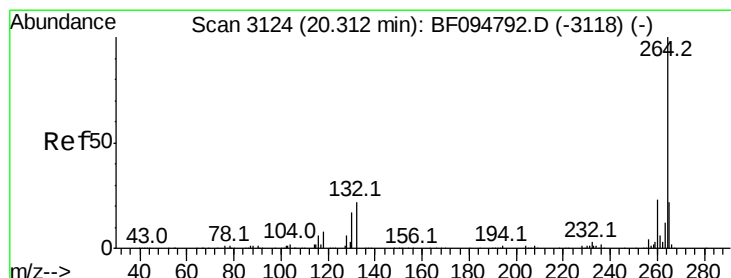
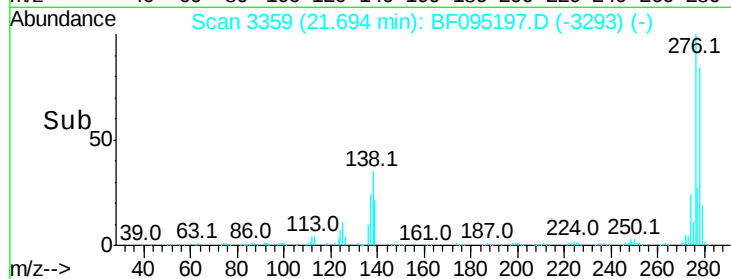
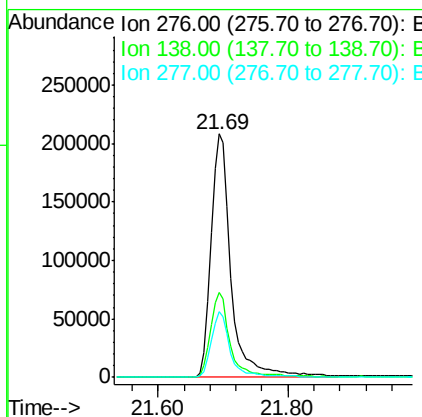
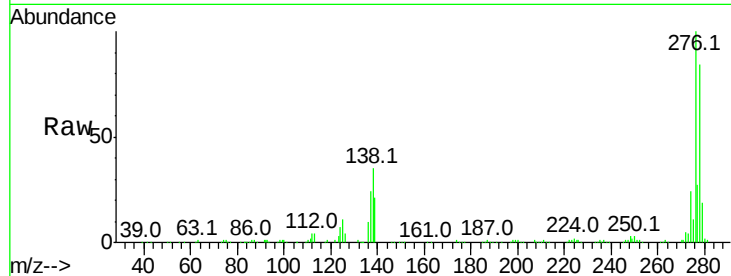
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.08 ng
RT: 21.69 min Scan# 3359
Delta R.T. 0.09 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	25.6	20.2	30.4

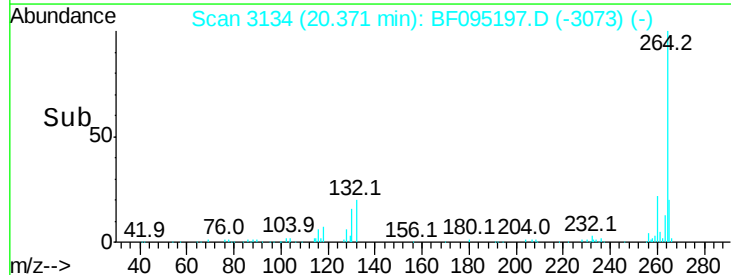
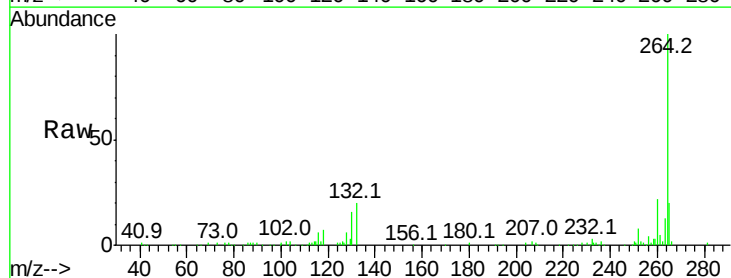
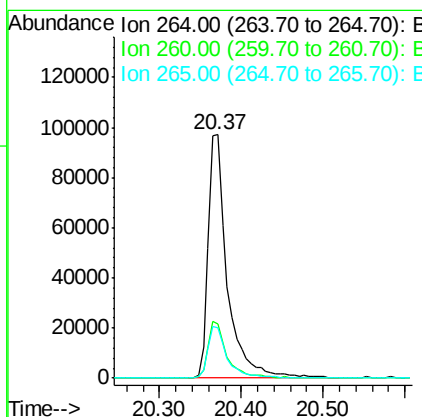
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.09 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Instrument :

BNA_F

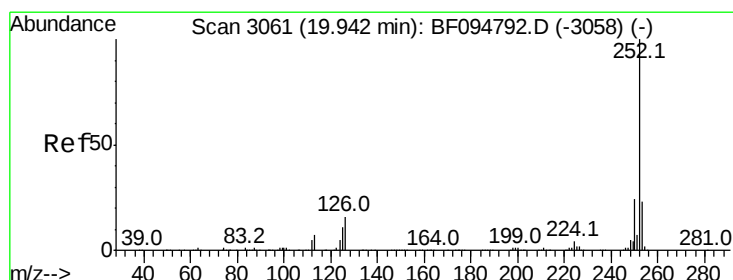
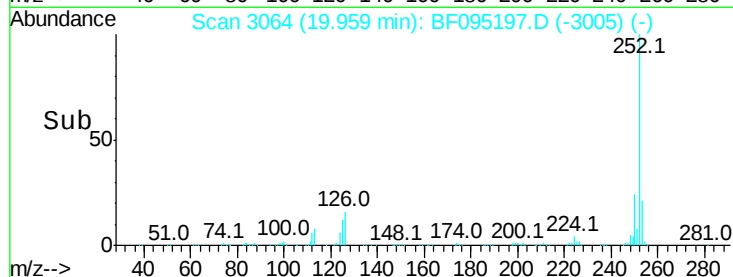
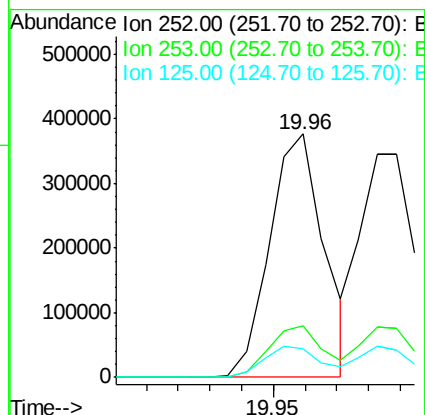
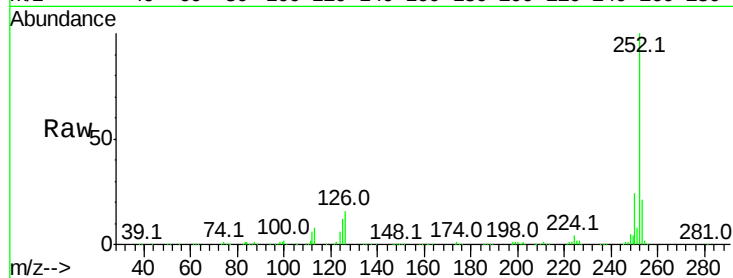
ClientSampleId :

SOUTH-CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	11.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 50.27 ng

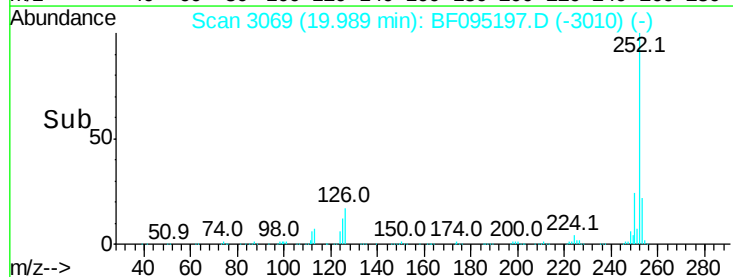
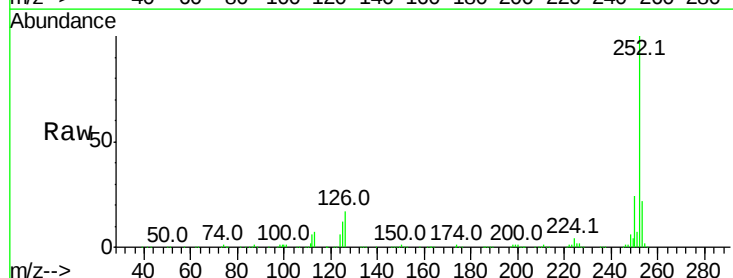
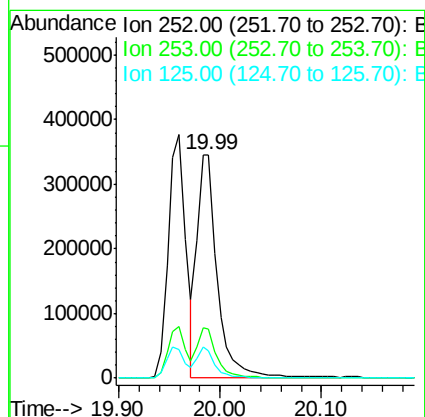
RT: 19.99 min Scan# 3069

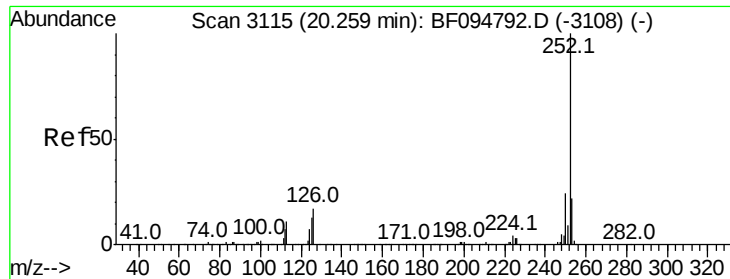
Delta R.T. 0.05 min

Lab File: BF095197.D

Acq: 17 May 2017 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.0	13.1	19.7#





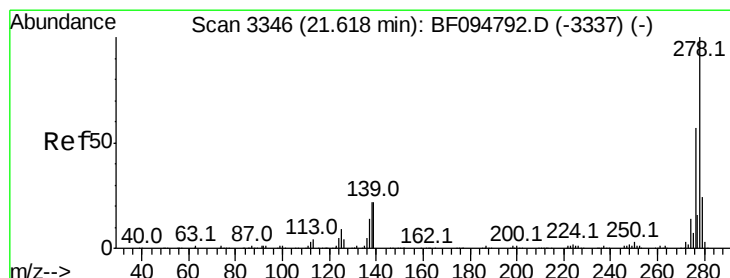
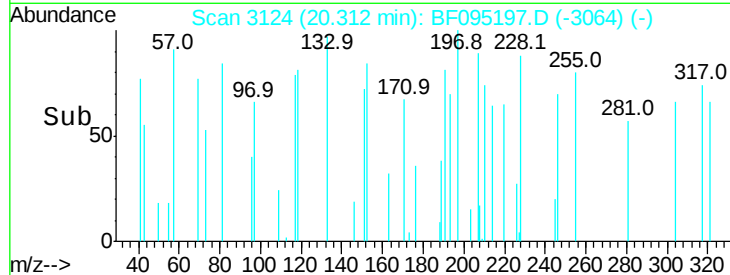
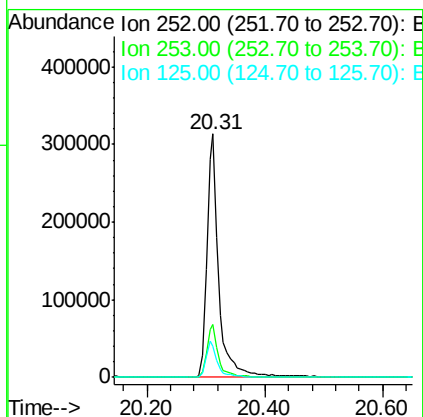
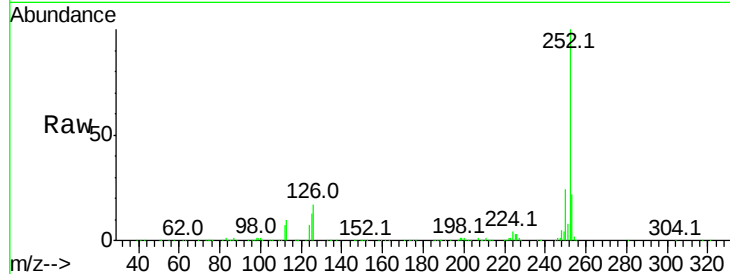
#89
Benzo(a)pyrene
Concen: 47.77 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Tot Ion:	252	Resp:	429907
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	12.9	11.0	16.4

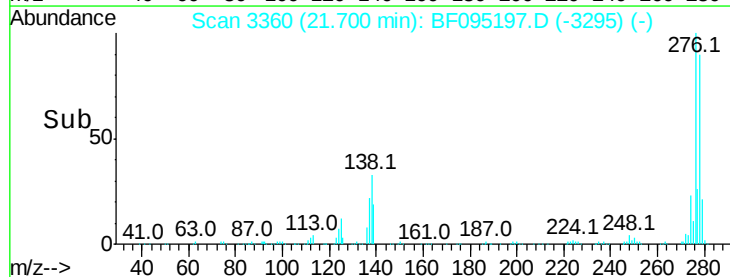
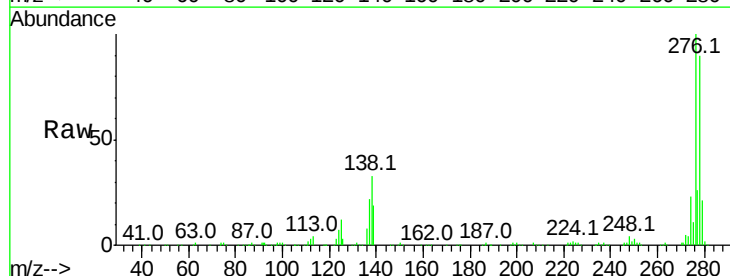
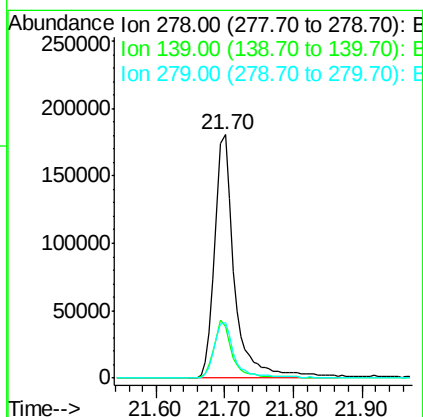
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#90
Dibenzo(a,h)anthracene
Concen: 48.94 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095197.D
Acq: 17 May 2017 21:43

Tgt Ion:	278	Resp:	363699
Ion Ratio	Lower	Upper	
278	100		
139	21.3	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 52.95 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. 0.11 min
 Lab File: BF095197.D
 Acq: 17 May 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMS

Tot Ion:	276	Resp:	386223
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	29.2	25.4	38.0

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