

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095198.D
 Acq On : 17 May 2017 22:15
 Operator : SJ/MA
 Sample : I3157-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Manual Integrations
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Quant Time: May 18 09:04:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82411	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	325249	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	162267	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	303812	20.00	ng	0.00
75) Chrysene-d12	18.69	240	243306	20.00	ng	0.00
86) Perylene-d12	20.37	264	188080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	689057	139.40	ng	0.01
7) Phenol-d6	7.32	99	900712	151.87	ng	0.01
23) Nitrobenzene-d5	8.68	82	482695	93.58	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	192257	144.67	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1005313	89.17	ng	0.00
78) Terphenyl-d14	17.34	244	911084	82.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	85780	35.38	ng	94
3) Pyridine	3.01	79	190278	33.87	ng	94
4) n-Nitrosodimethylamine	2.93	42	72317	30.88	ng	84
6) Aniline	7.28	93	296824	39.64	ng	97
8) 2-Chlorophenol	7.47	128	280359	49.83	ng	96
9) Benzaldehyde	7.11	77	108072	29.84	ng	96
10) Phenol	7.34	94	310420	49.67	ng	88
11) bis(2-Chloroethyl)ether	7.41	93	242956	47.09	ng	95
12) 1,3-Dichlorobenzene	7.68	146	294017	46.07	ng	97
13) 1,4-Dichlorobenzene	7.80	146	281840	43.55	ng	98
14) 1,2-Dichlorobenzene	8.04	146	284055	47.02	ng	96
15) Benzyl Alcohol	8.06	79	215411	56.47	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	319490	43.75	ng	60
17) 2-Methylphenol	8.27	107	220842	47.96	ng	# 89
18) Hexachloroethane	8.55	117	96876	44.18	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	190431	47.48	ng	92
20) 3+4-Methylphenols	8.52	107	295363	47.21	ng	# 57
22) Acetophenone	8.45	105	365935	46.89	ng	# 85
24) Nitrobenzene	8.71	77	243203	44.98	ng	91
25) Isophorone	9.11	82	460454	49.99	ng	94
26) 2-Nitrophenol	9.21	139	148669	50.96	ng	99
27) 2,4-Dimethylphenol	9.34	122	245197	51.99	ng	97
28) bis(2-Chloroethoxy)methane	9.47	93	302466	47.47	ng	100
29) 2,4-Dichlorophenol	9.64	162	221122	49.65	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	222949	46.73	ng	98
31) Naphthalene	9.82	128	717516	43.89	ng	100
32) Benzoic acid	9.63	122	11800	8.49	ng	86
33) 4-Chloroaniline	9.99	127	74747	12.27	ng	# 92
34) Hexachlorobutadiene	10.04	225	102539	40.73	ng	96
35) Caprolactam	10.59	113	57373m	42.90	ng	
36) 4-Chloro-3-methylphenol	10.82	107	237316	49.84	ng	90
37) 2-Methylnaphthalene	10.95	142	526409	49.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	200821	40.24	ng	99
40) Hexachlorocyclopentadiene	11.20	237	113180	55.92	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	149714	44.94	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	144331	40.30	nq	95
45) 1,1'-Biphenyl	11.71	154	573938	42.01	nq	97
46) 2-Chloronaphthalene	11.73	162	462611	41.94	nq	96
47) 2-Nitroaniline	11.95	65	135016	44.72	nq	# 86
48) Acenaphthylene	12.39	152	762922	44.15	nq	98
49) Dimethylphthalate	12.27	163	693555	52.06	nq	98
50) 2,6-Dinitrotoluene	12.36	165	126463	46.53	nq	98
51) Acenaphthene	12.67	154	442619	42.89	nq	98
52) 3-Nitroaniline	12.64	138	67605	23.18	nq	83
53) 2,4-Dinitrophenol	12.85	184	35917	28.37	nq	# 66
54) Dibenzofuran	12.96	168	678902	47.54	nq	98
55) 4-Nitrophenol	13.02	139	151053	86.22	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	170576	48.85	nq	# 87
57) Fluorene	13.52	166	532816	42.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	111841	49.63	nq	# 96
59) Diethylphthalate	13.41	149	543329	42.55	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	232464	42.59	nq	90
61) 4-Nitroaniline	13.64	138	109287	40.81	nq	95
62) Azobenzene	13.80	77	495291	48.27	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	69568	34.16	nq	# 68
65) n-Nitrosodiphenylamine	13.75	169	467909	42.43	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	118186	36.82	nq	96
67) Hexachlorobenzene	14.41	284	118218	35.94	nq	# 87
68) Atrazine	14.67	200	139076	44.67	nq	96
69) Pentachlorophenol	14.77	266	101726	69.25	nq	95
70) Phenanthrene	15.07	178	761603	43.63	nq	98
71) Anthracene	15.15	178	790611	44.34	nq	98
72) Carbazole	15.42	167	734631	45.28	nq	97
73) Di-n-butylphthalate	15.98	149	826706	40.86	nq	98
74) Fluoranthene	16.80	202	776984	43.39	nq	99
76) Benzidine	17.02	184	338015	50.91	nq	# 92
77) Pyrene	17.11	202	797934	43.85	nq	99
79) Butylbenzylphthalate	18.00	149	328168	38.77	nq	90
80) Benzo(a)anthracene	18.68	228	610026	43.08	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	125758	25.71	nq	# 94
82) Chrysene	18.72	228	559752	40.88	nq	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	485811	40.29	nq	99
84) Di-n-octyl phthalate	19.51	149	763588	38.62	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	440354	39.60	nq	99
87) Benzo(b)fluoranthene	19.96	252	468640	40.32	nq	98
88) Benzo(k)fluoranthene	19.98	252	474769	42.35	nq	97
89) Benzo(a)pyrene	20.31	252	450459	42.00	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	363979	41.10	nq	98
91) Benzo(g,h,i)perylene	22.08	276	381909	43.94	nq	98

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

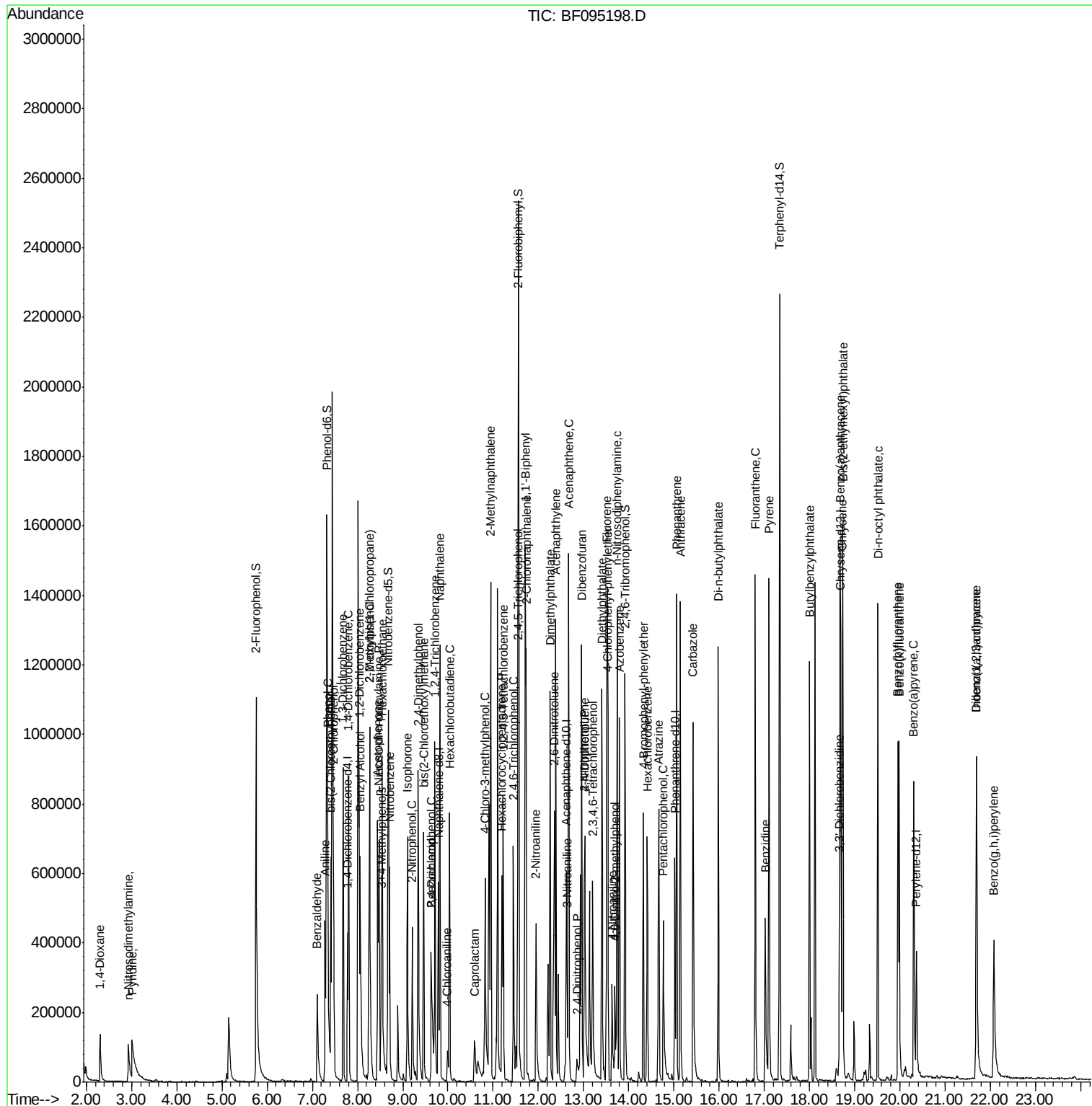
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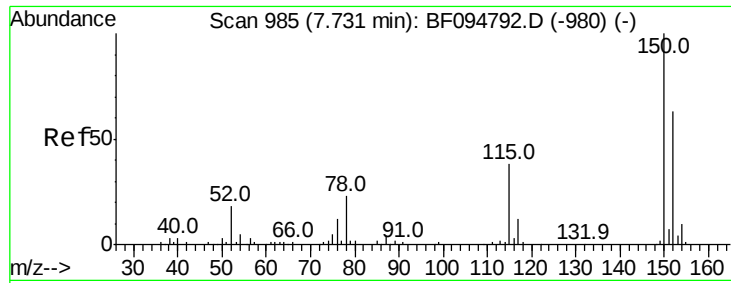
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#1

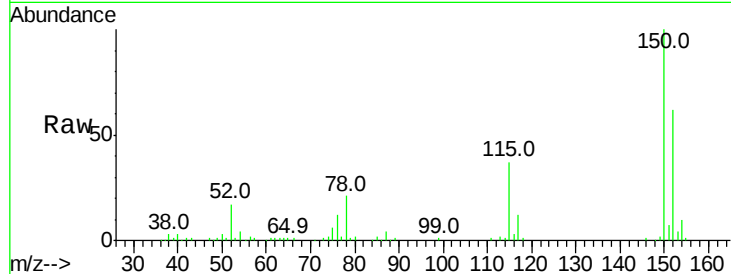
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

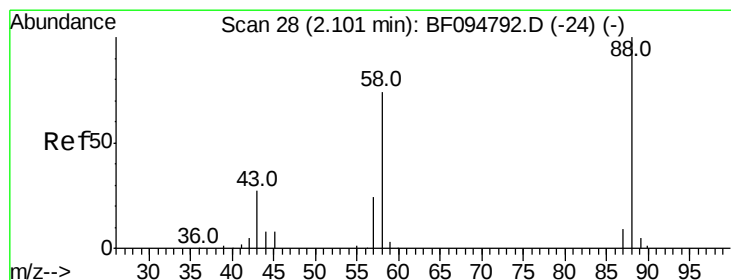
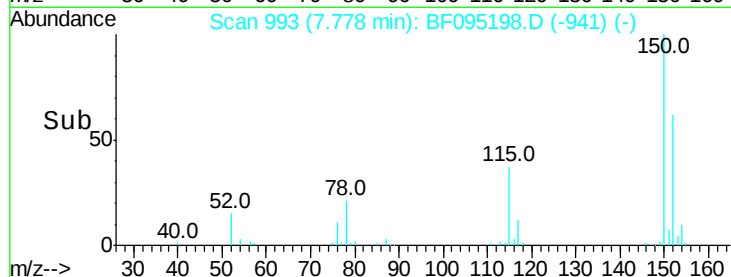
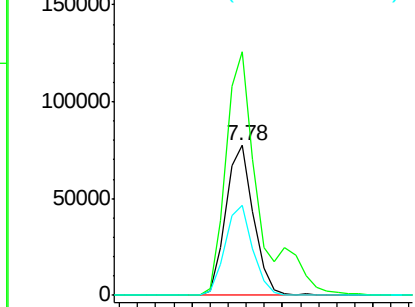
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.2	189.2
115	59.9	52.2	78.2

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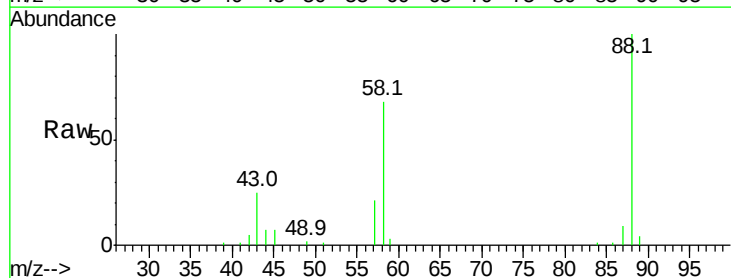
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



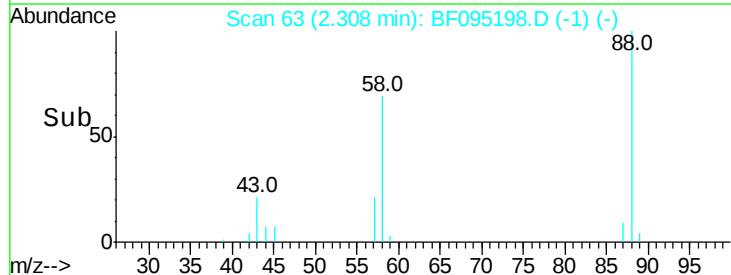
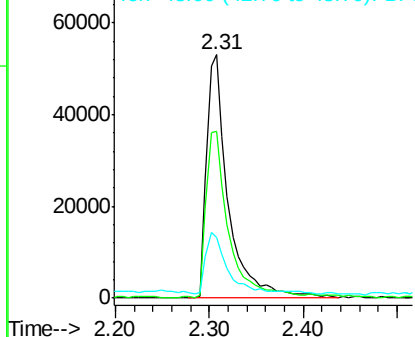
#2

1,4-Dioxane
Concen: 35.38 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.06 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	61.4	92.0
43	24.6	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





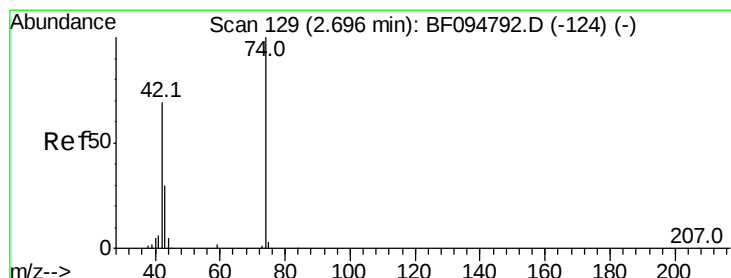
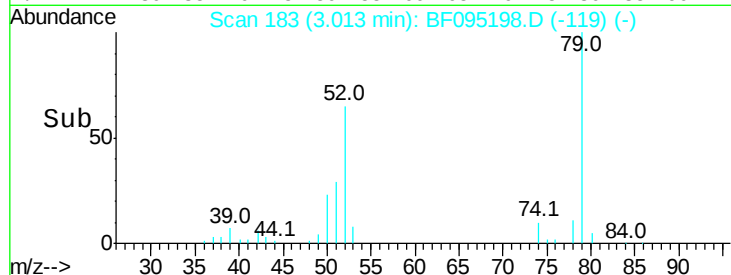
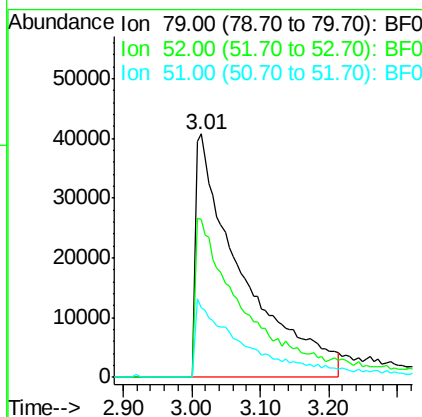
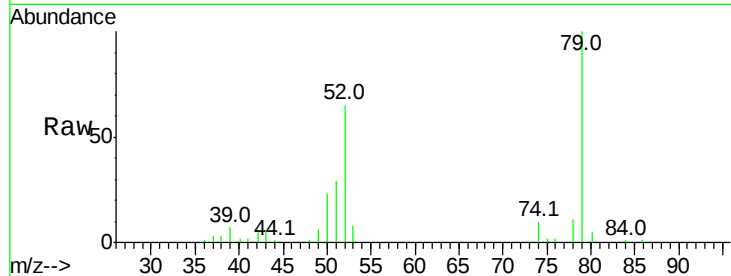
#3
 Pvridine
 Concen: 33.87 ng
 RT: 3.01 min Scan# 183
 Delta R.T. 0.08 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.9	54.8	82.2
51	28.7	27.0	40.4

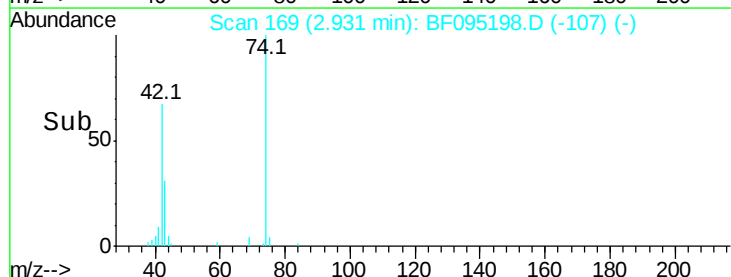
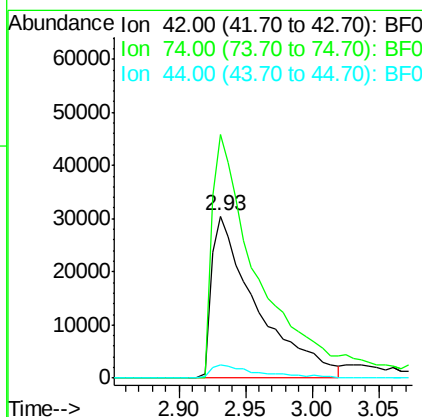
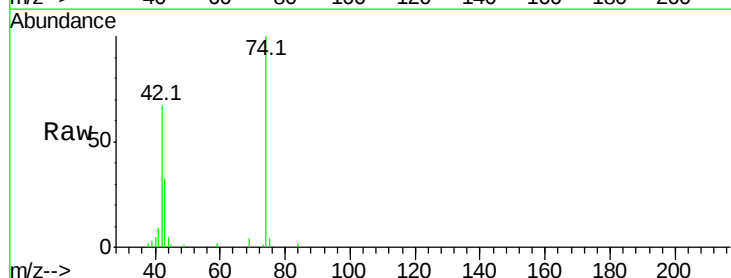
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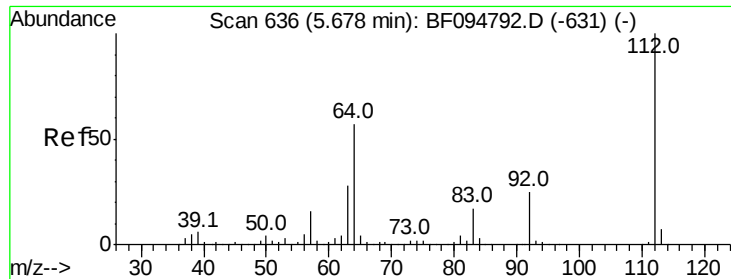
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#4
 n-Nitrosodimethylamine
 Concen: 30.88 ng
 RT: 2.93 min Scan# 169
 Delta R.T. 0.06 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.0	103.9	155.9
44	8.0	5.7	8.5





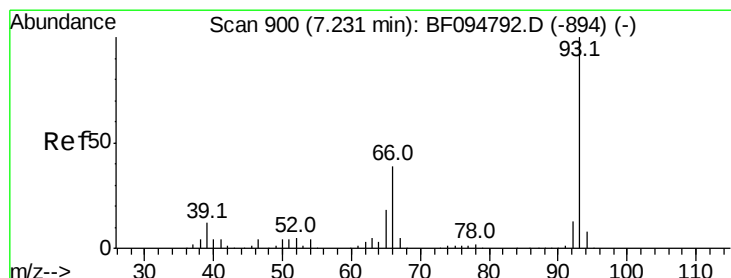
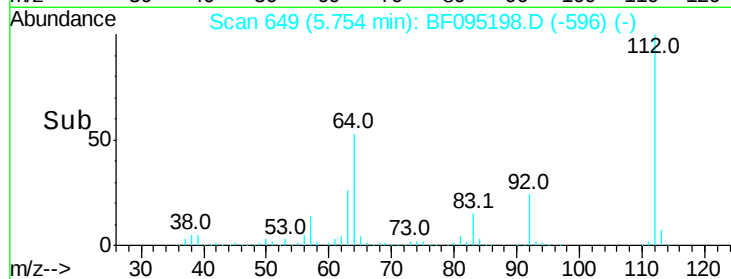
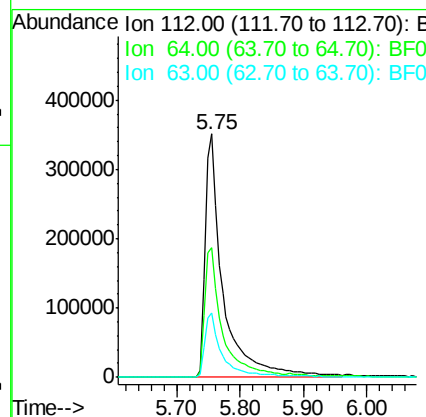
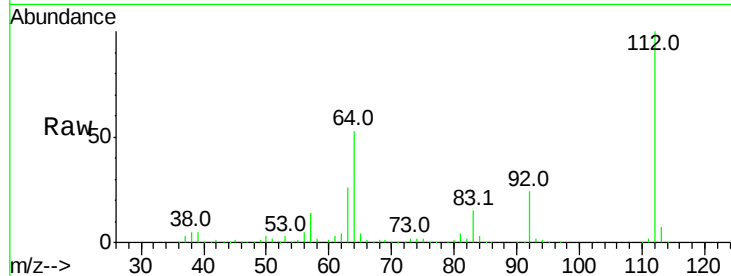
#5
 2-Fluorophenol
 Concen: 139.40 ng
 RT: 5.75 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion:	112	Resp:	689057
Ion Ratio	Lower	Upper	
112	100		
64	53.0	46.0	69.0
63	26.5	23.4	35.0

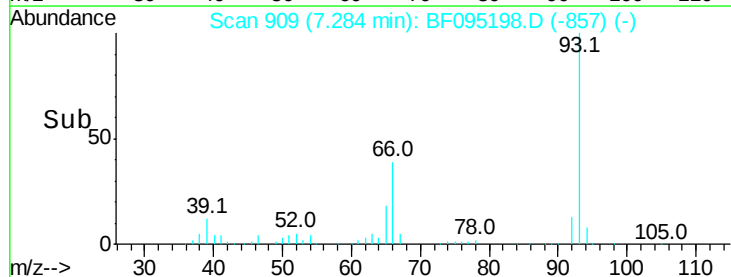
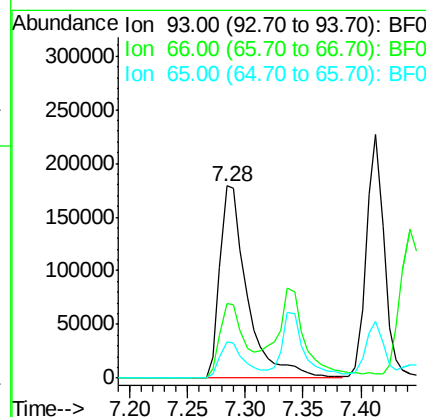
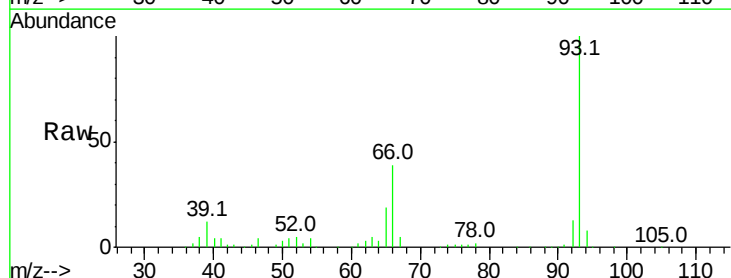
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#6
 Aniline
 Concen: 39.64 ng
 RT: 7.28 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:	93	Resp:	296824
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.9	49.3
65	18.6	16.0	24.0





#7

Phenol-d6

Concen: 151.87 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

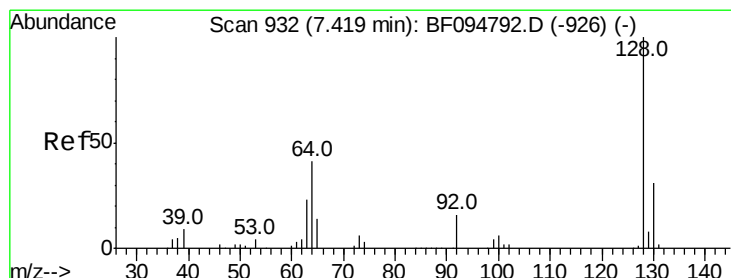
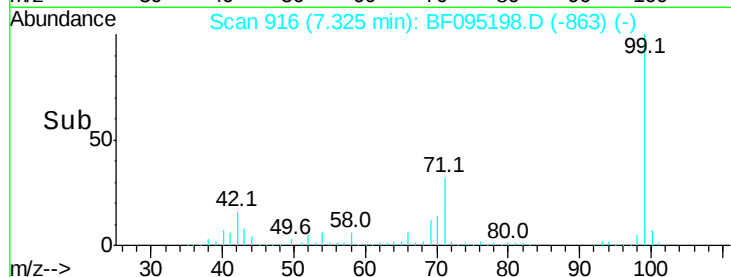
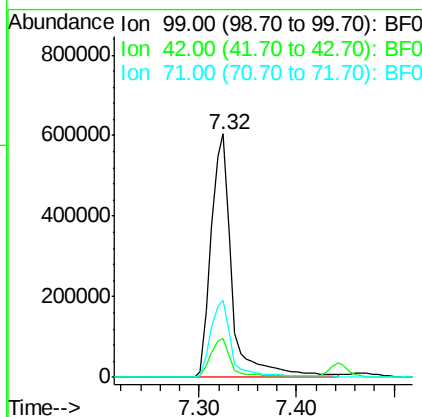
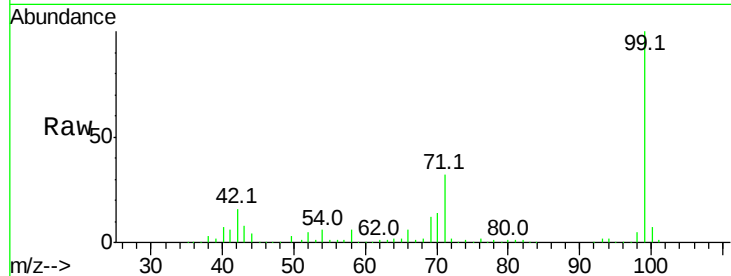
ClientSampleId :

SOUTH-CMSD

Tot Ion:	99	Resp:	900712
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 49.83 ng

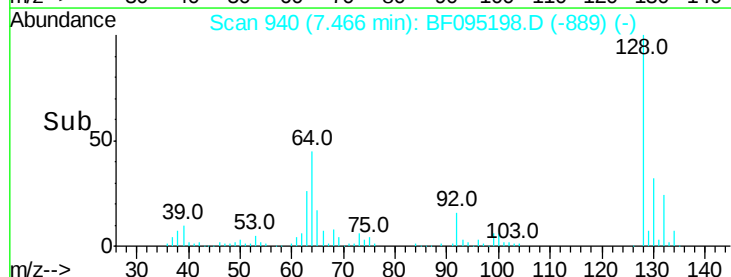
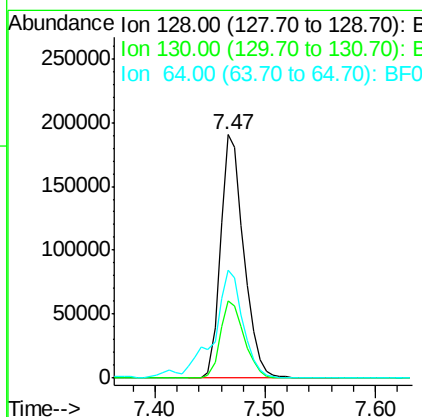
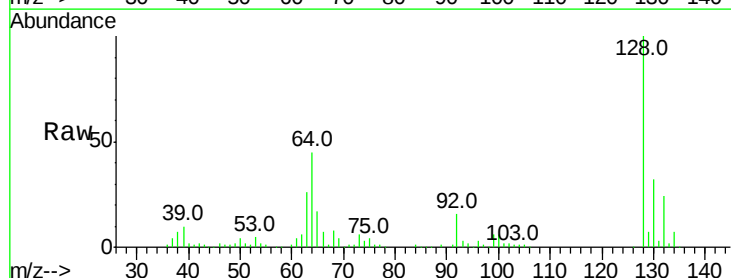
RT: 7.47 min Scan# 940

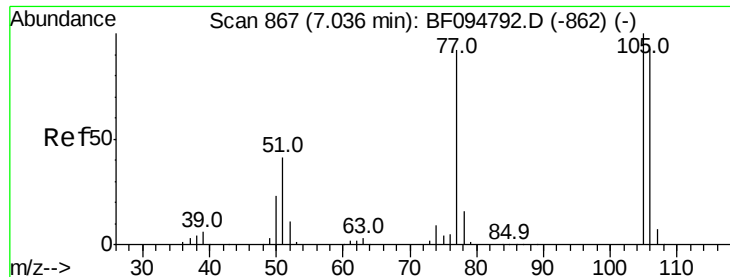
Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:	128	Resp:	280359
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	44.5	28.4	68.4





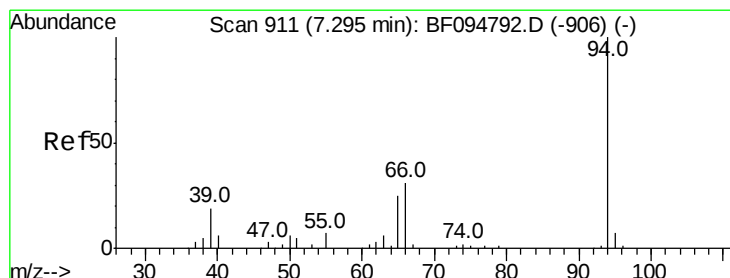
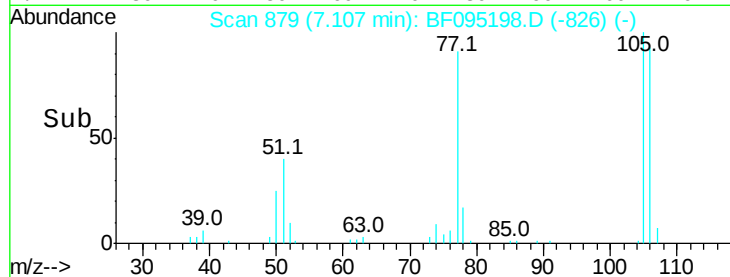
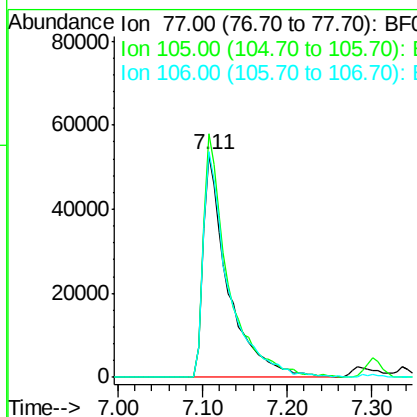
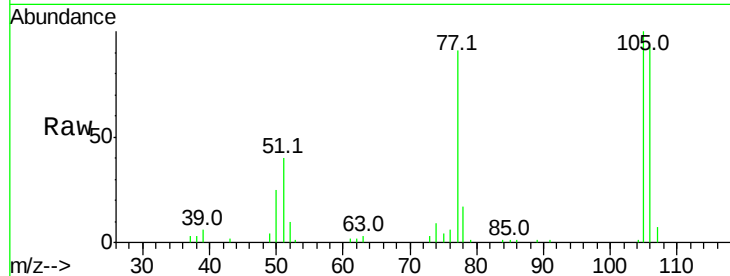
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Benzaldehyde
Concen: 29.84 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
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SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	109.6	83.8	123.8
106	101.8	79.1	119.1

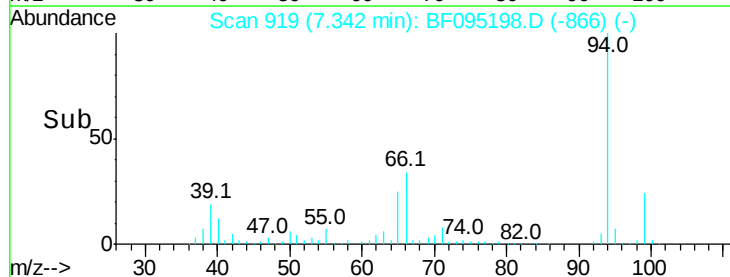
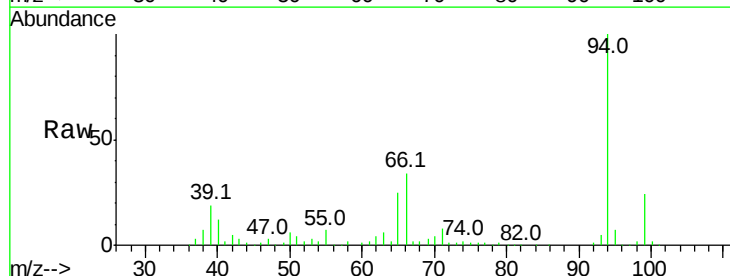
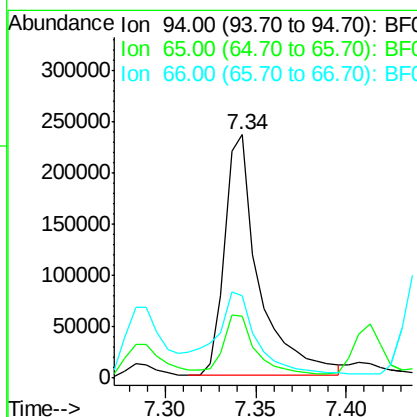
Manual Integrations
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#10
Phenol
Concen: 49.67 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.2	9.9	49.9
66	33.9	23.1	63.1





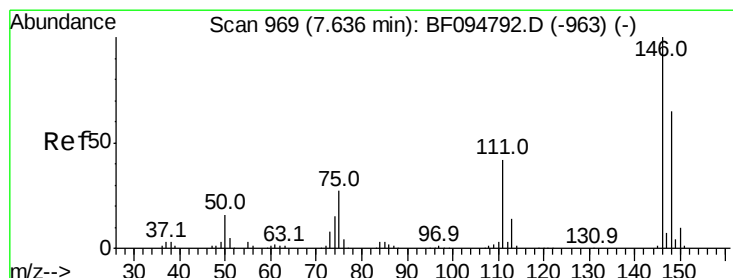
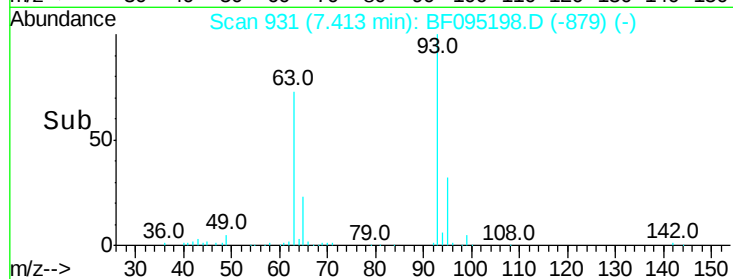
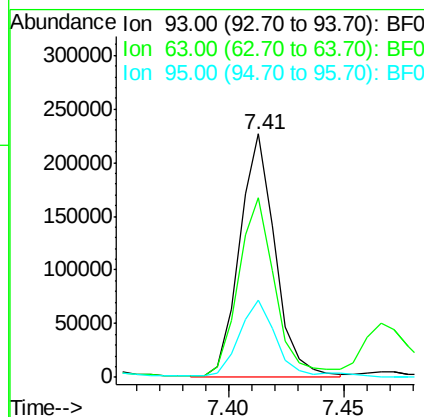
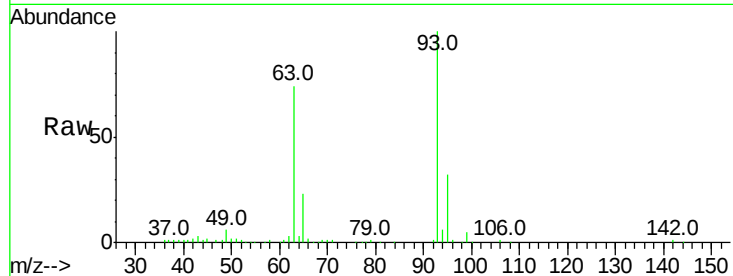
#11
bis(2-Chloroethyl)ether
Concen: 47.09 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	242956		
63	73.8	59.2	99.2	
95	31.9	12.8	52.8	

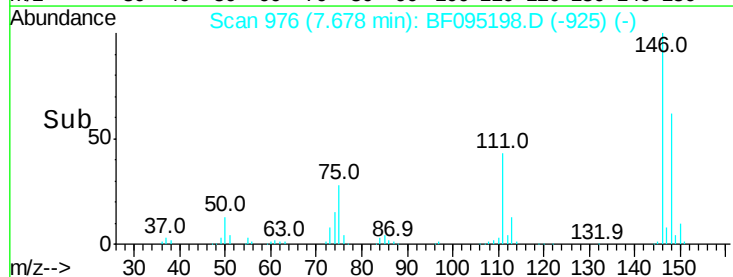
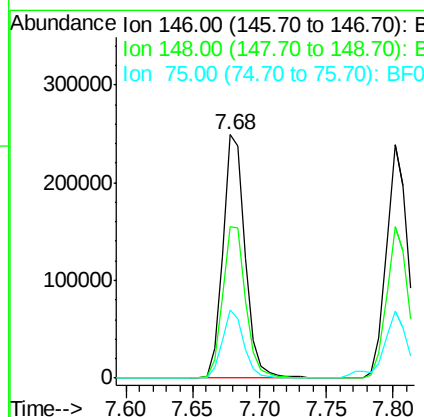
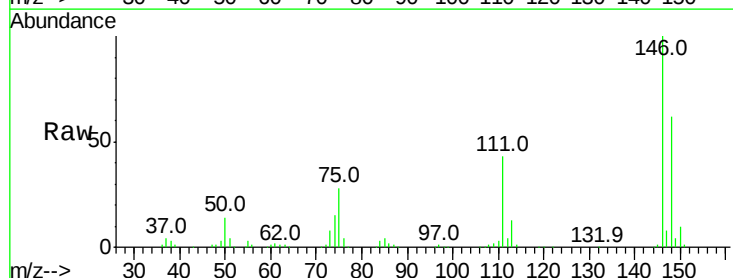
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#12
1,3-Dichlorobenzene
Concen: 46.07 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294017		
148	62.5	51.8	77.6	
75	27.9	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 43.55 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

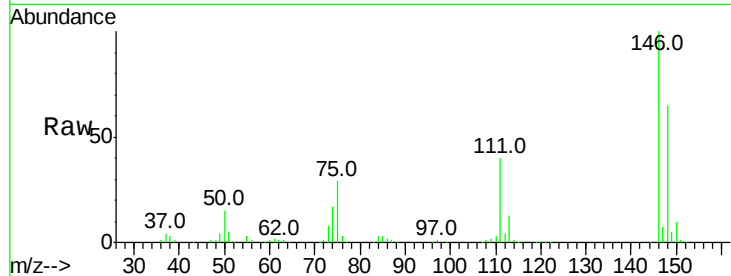
ClientSampleId :

SOUTH-CMSD

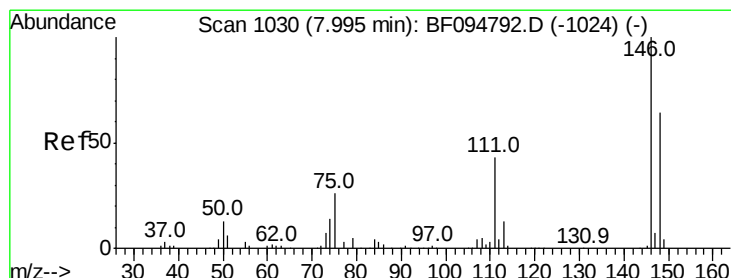
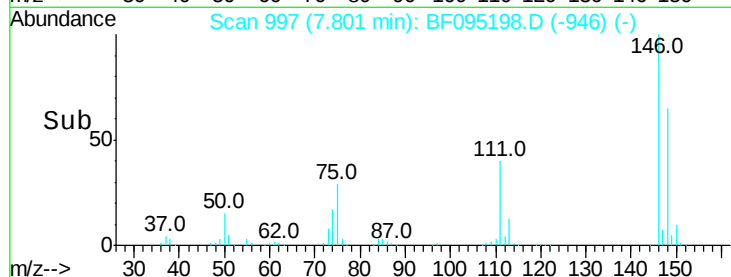
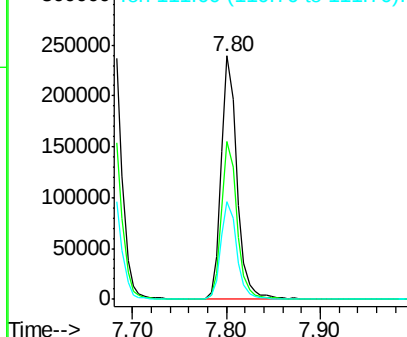
Tot Ion:	146	Resp:	281840
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.2
111	40.2	30.3	45.5

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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: 47.02 ng

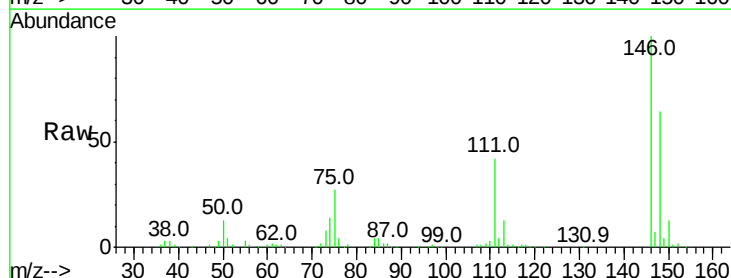
RT: 8.04 min Scan# 1037

Delta R.T. 0.01 min

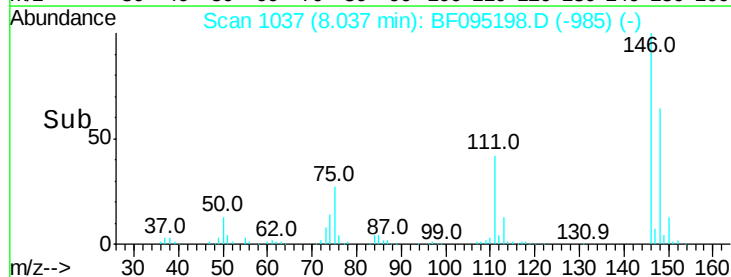
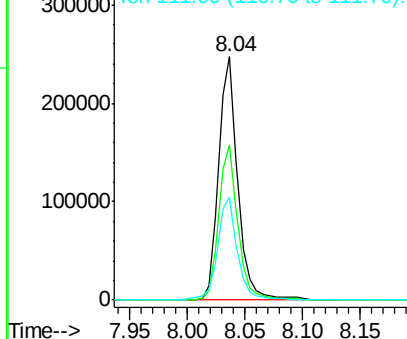
Lab File: BF095198.D

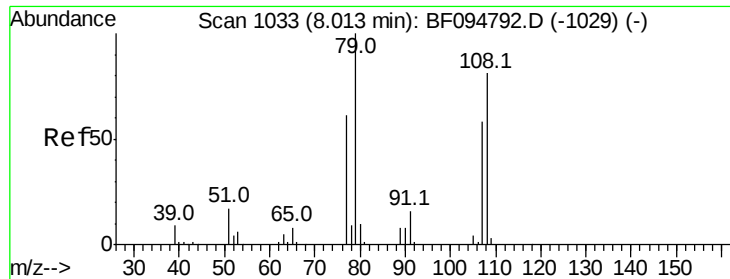
Acq: 17 May 2017 22:15

Tgt Ion:	146	Resp:	284055
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	42.0	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





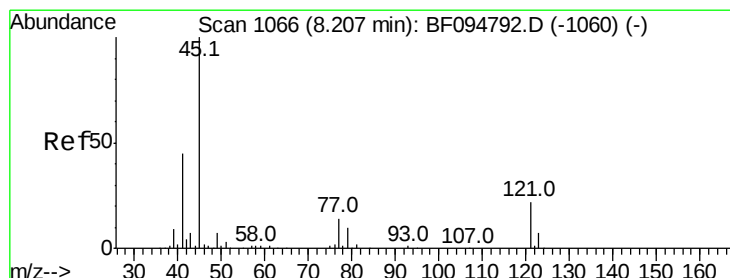
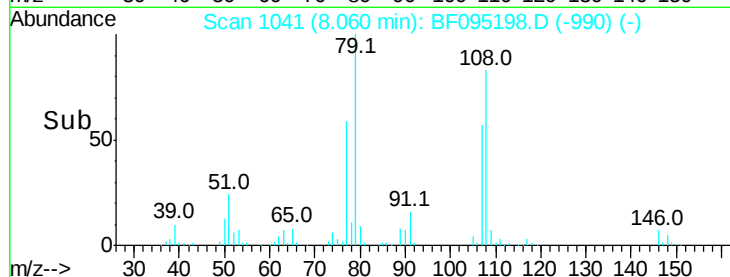
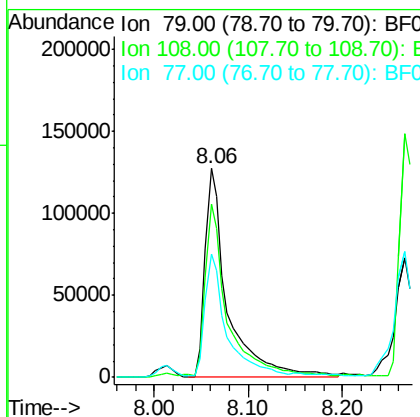
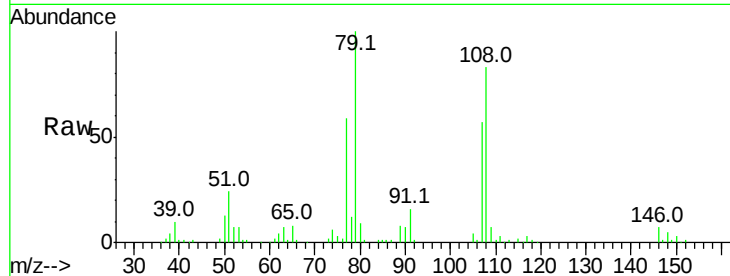
#15
Benzyl Alcohol
Concen: 56.47 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	63.4	95.0
77	58.9	49.2	73.8

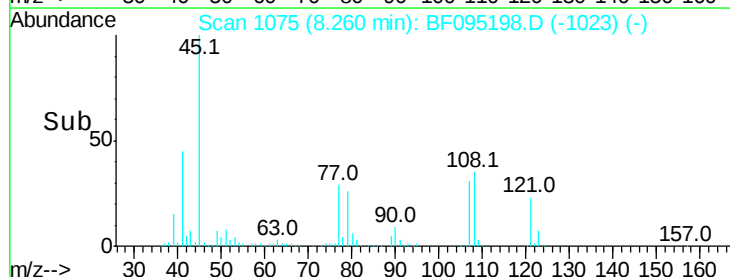
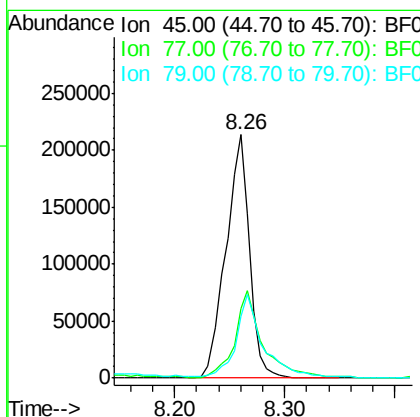
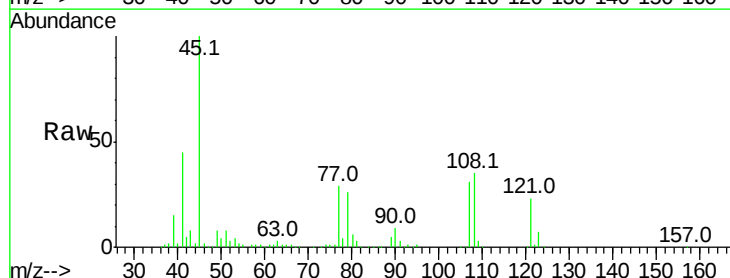
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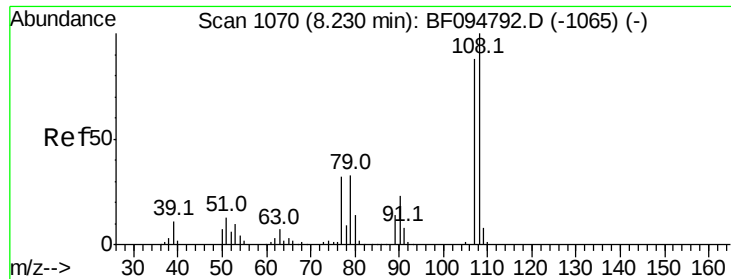
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.75 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.7	0.0	33.2
79	25.6	0.0	30.0





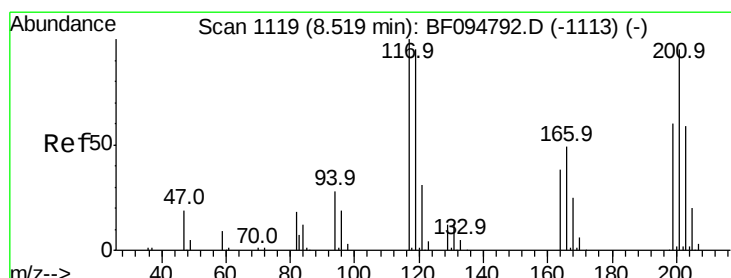
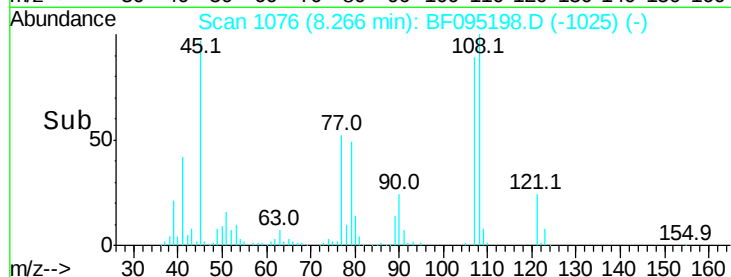
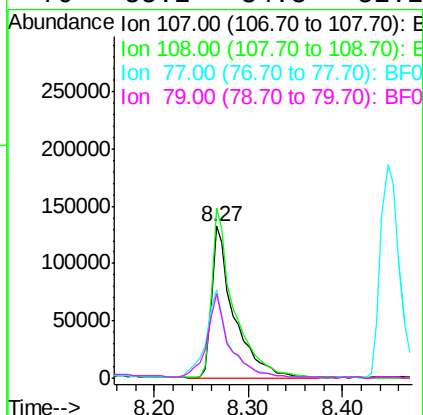
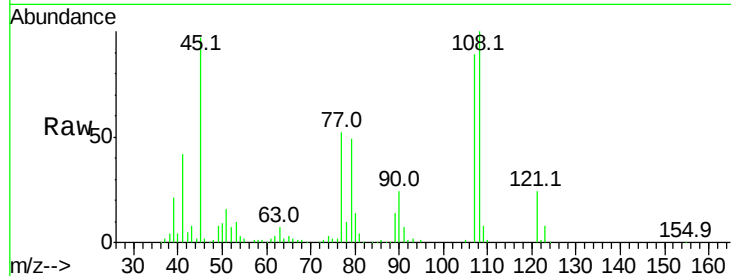
#17
2-Methylphenol
Concen: 47.96 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	93.4	140.0	
77	57.9	35.8	53.6#	
79	55.2	34.8	52.2#	

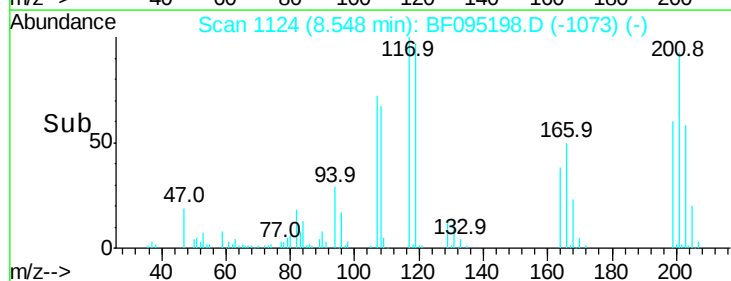
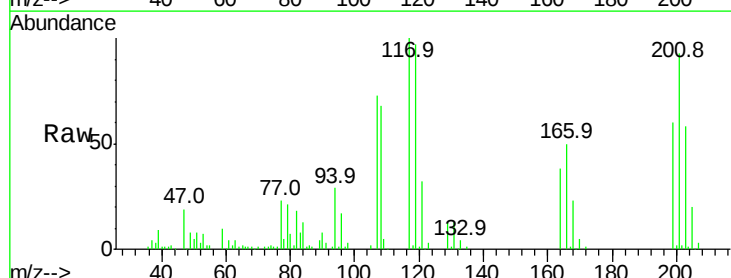
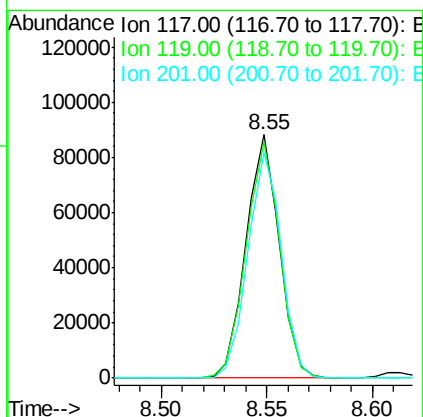
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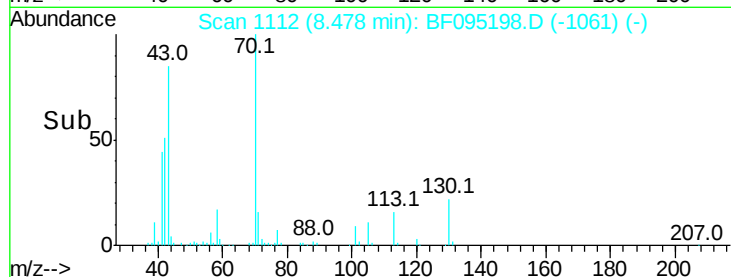
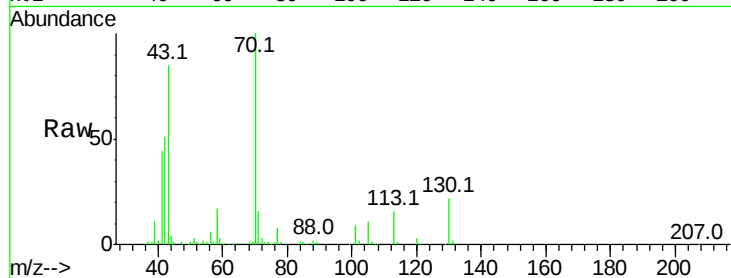
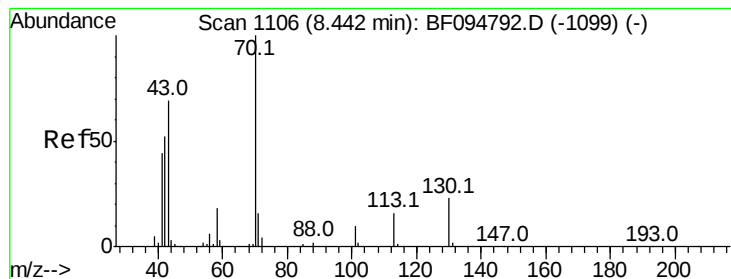
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#18
Hexachloroethane
Concen: 44.18 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.4	116.0	
201	92.9	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 47.48 ng

RT: 8.48 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

SOUTH-CMSD

Tot Ion: 70 Resp: 190431

Ion Ratio Lower Upper

70 100

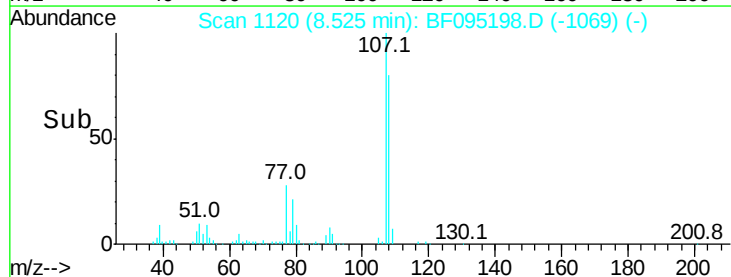
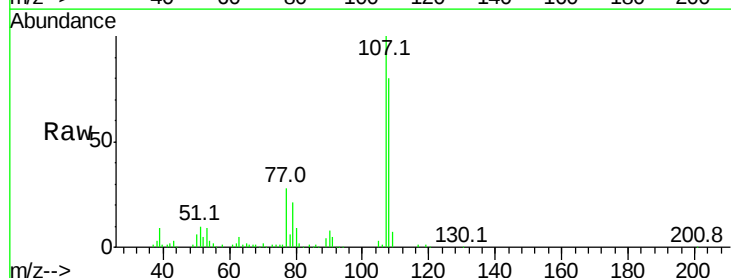
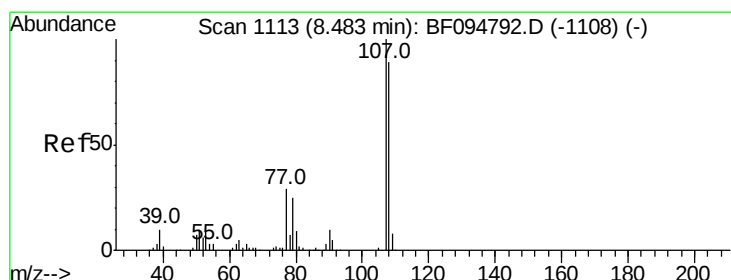
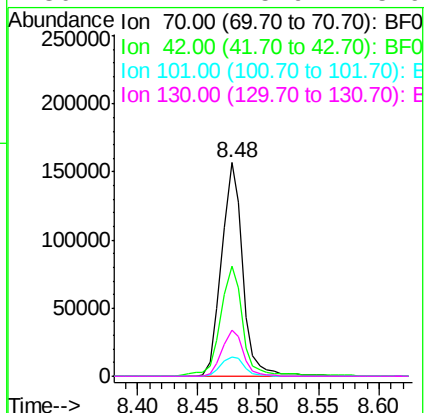
42 51.4 47.2 70.8

101 9.0 7.2 10.8

130 21.7 15.9 23.9

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#20

3+4-Methylphenols

Concen: 47.21 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion: 107 Resp: 295363

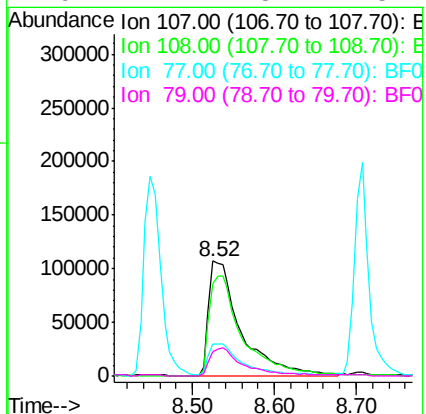
Ion Ratio Lower Upper

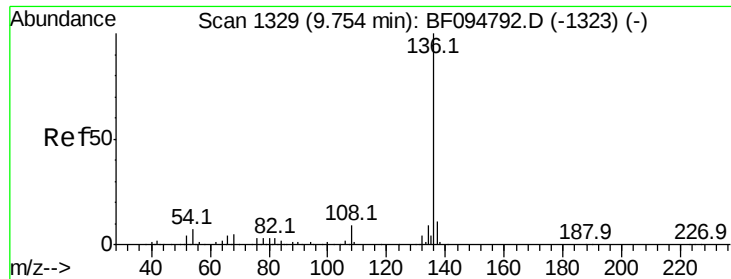
107 100

108 80.5 71.0 111.0

77 28.3 90.5 130.5#

79 21.4 8.4 48.4





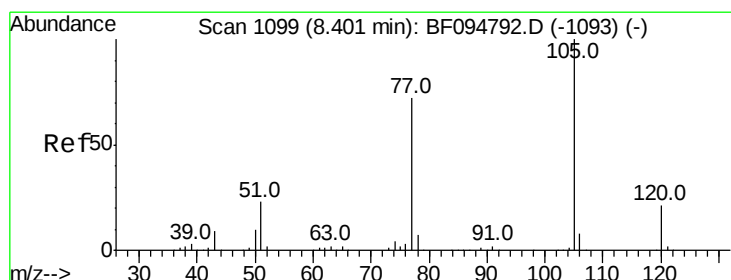
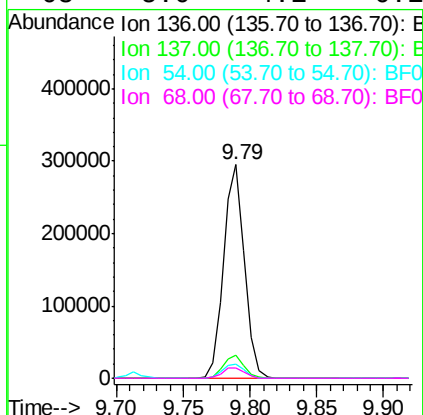
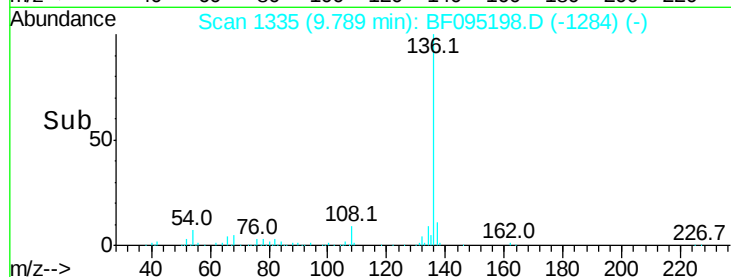
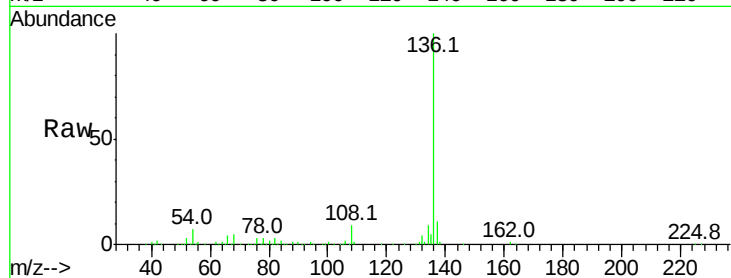
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.6	4.9	7.3	
68	5.0	4.1	6.1	

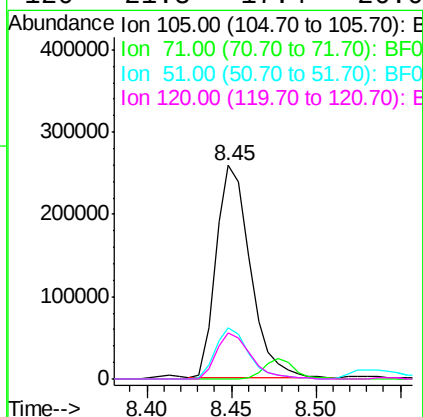
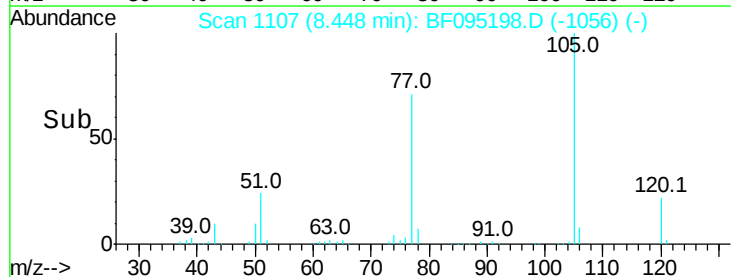
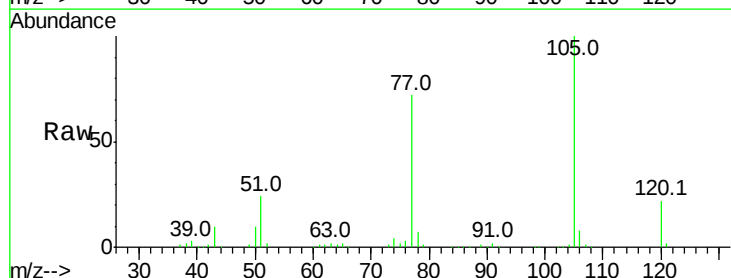
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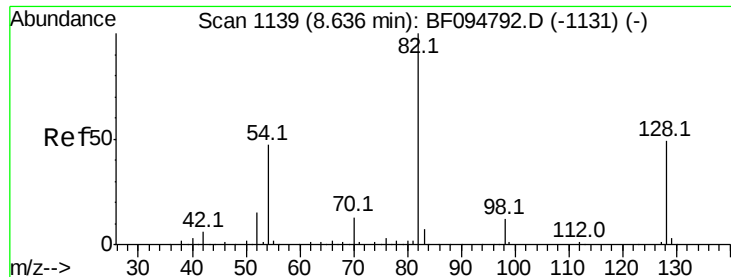
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#22
Acetophenone
Concen: 46.89 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	24.0	30.7	46.1#	
120	21.8	17.4	26.0	





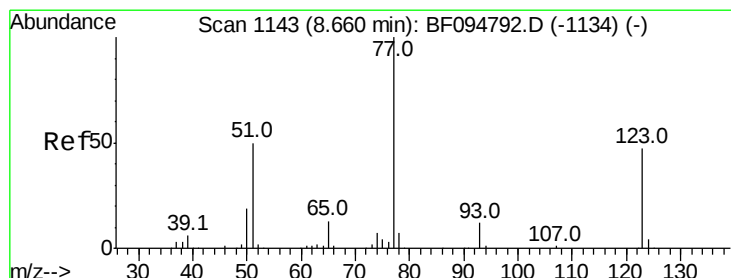
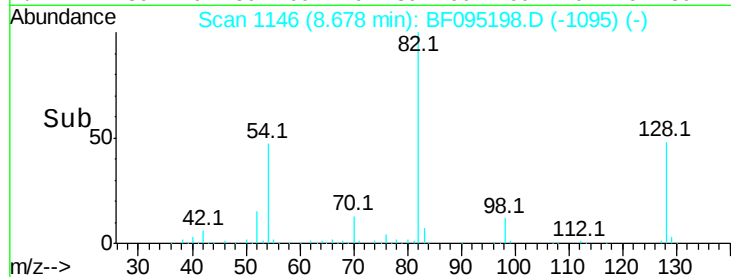
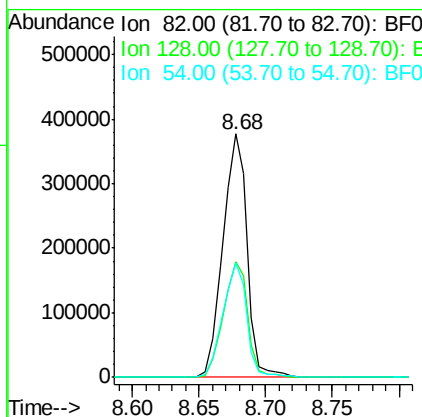
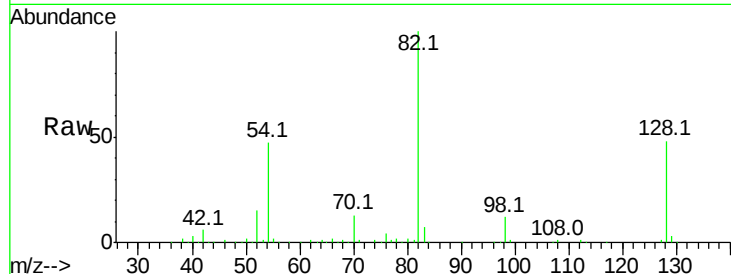
#23
 Nitrobenzene-d5
 Concen: 93.58 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	34.0	51.0	
54	46.9	42.2	63.2	

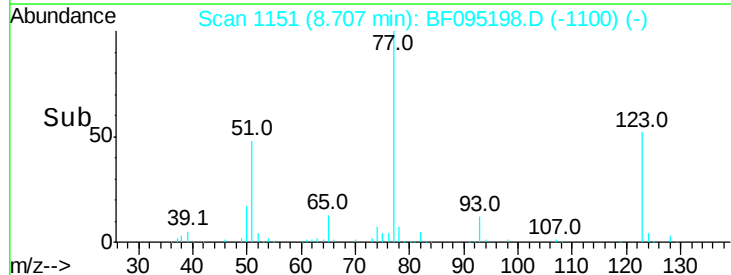
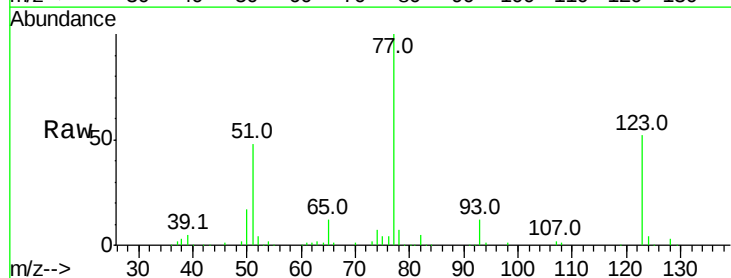
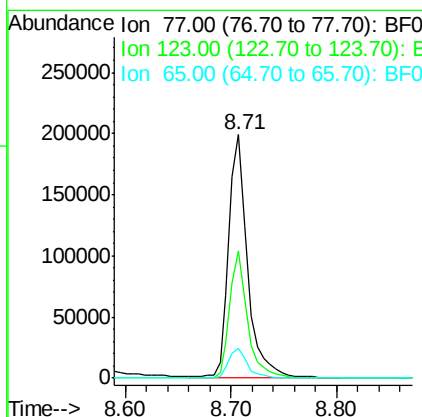
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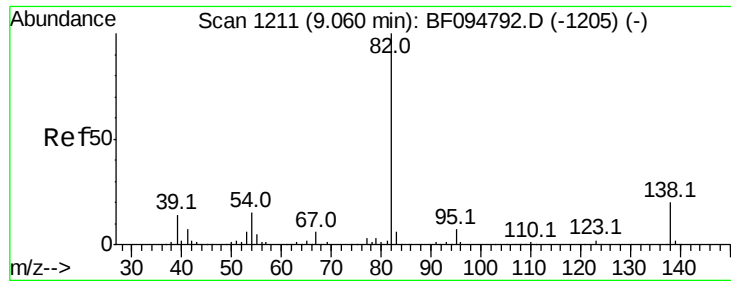
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#24
 Nitrobenzene
 Concen: 44.98 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.0	35.8	53.8	
65	12.5	10.6	15.8	





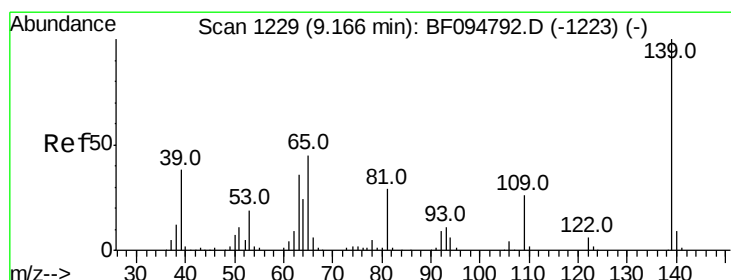
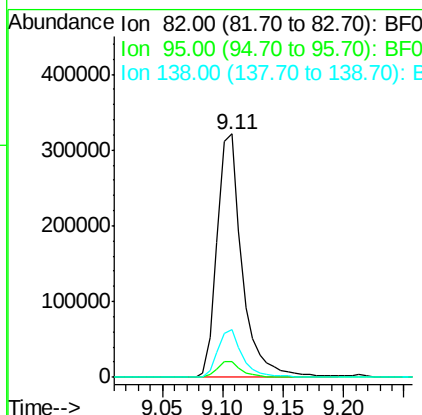
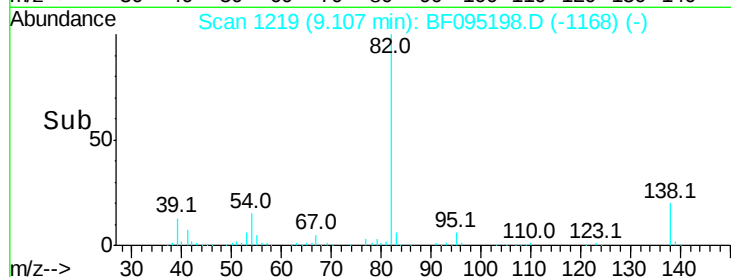
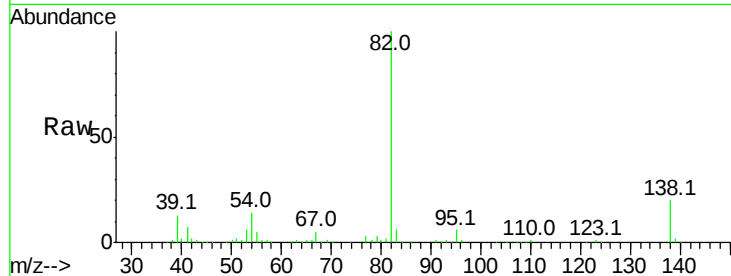
#25
Isophorone
Concen: 49.99 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.3	7.9	
138	19.6	13.1	19.7	

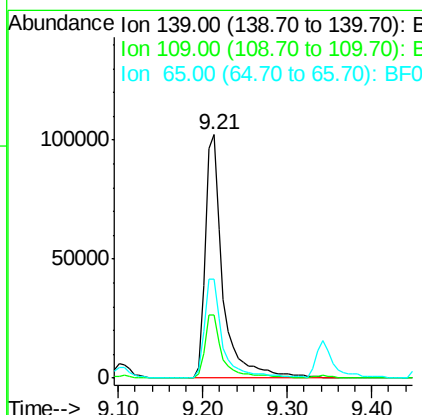
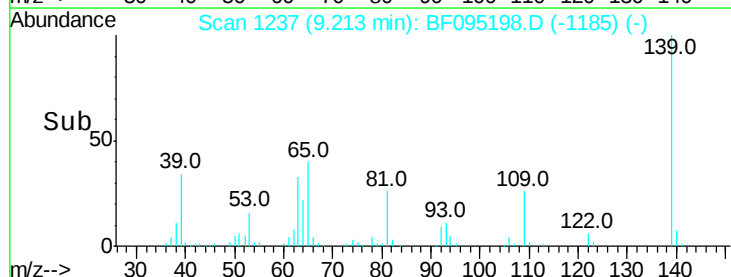
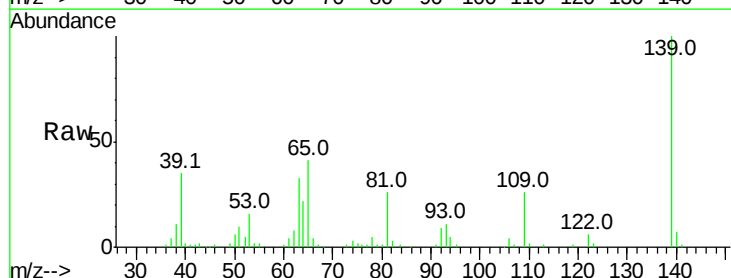
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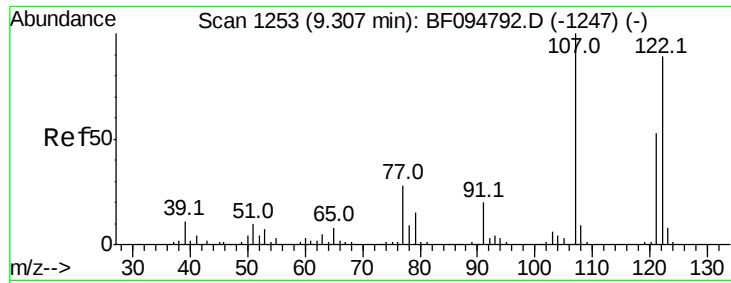
mohammad
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#26
2-Nitrophenol
Concen: 50.96 ng
RT: 9.21 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.8	21.0	31.6	
65	40.6	33.0	49.6	





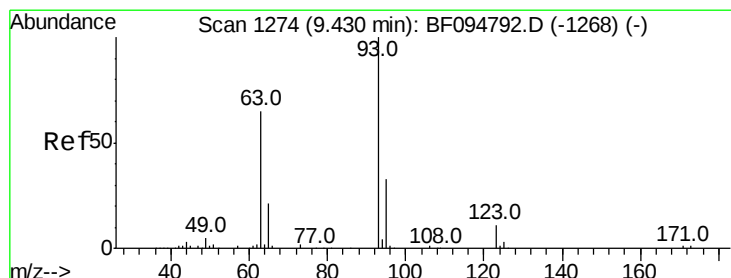
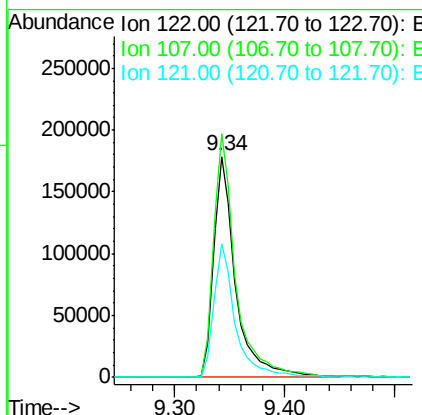
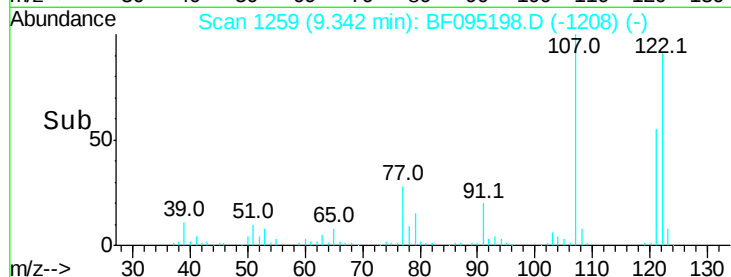
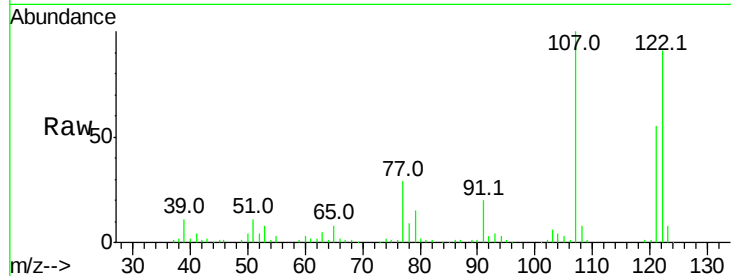
#27
 2,4-Dimethylphenol
 Concen: 51.99 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion:	122	Resp:	245197
Ion Ratio	Lower	Upper	
122	100		
107	110.3	89.2	133.8
121	60.6	45.2	67.8

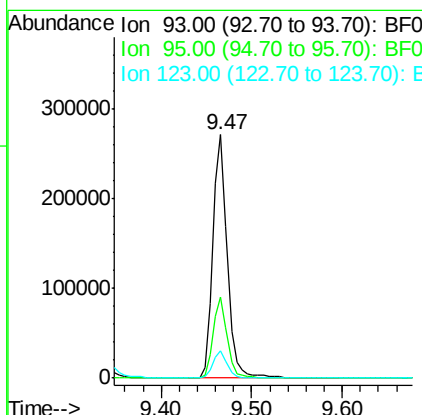
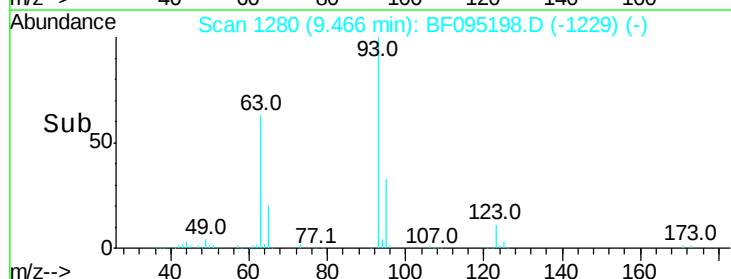
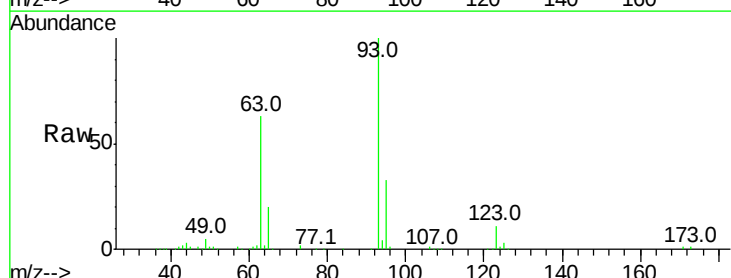
Manual Integrations
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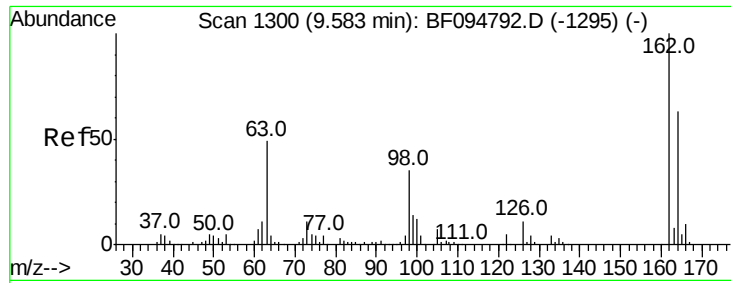
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.47 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:	93	Resp:	302466
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	11.0	9.0	13.4





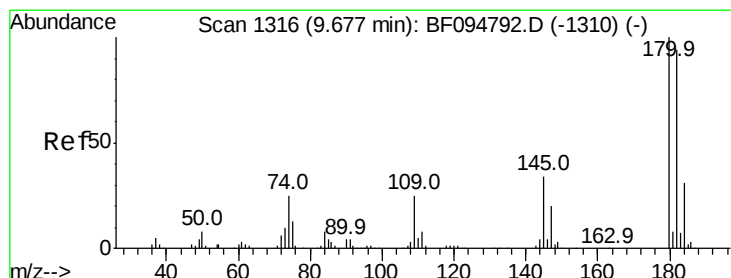
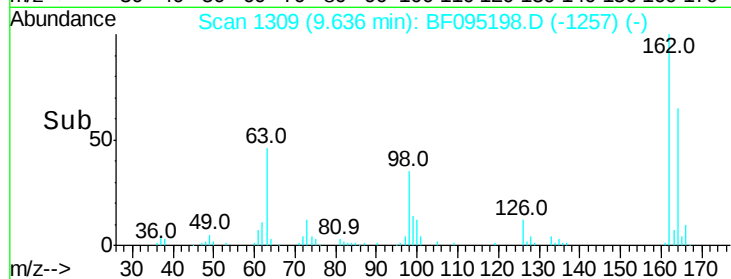
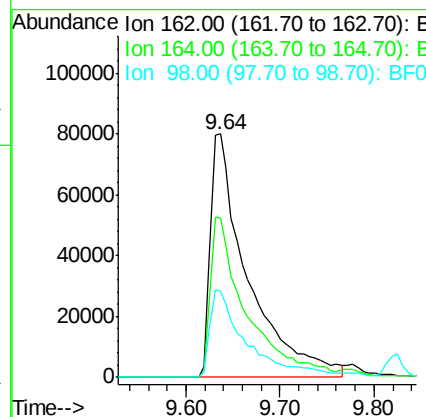
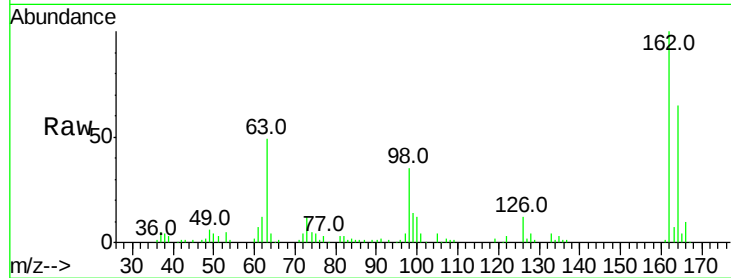
#29
 2,4-Dichlorophenol
 Concen: 49.65 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	221122		
164	65.4	44.6	84.6	
98	35.3	14.8	54.8	

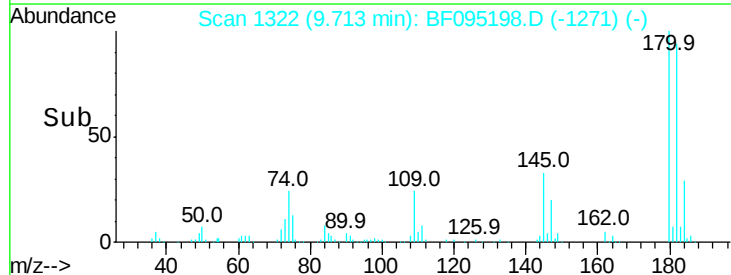
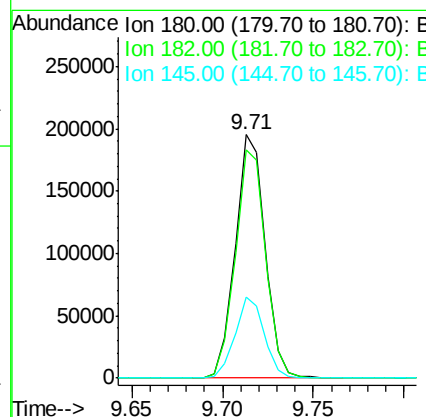
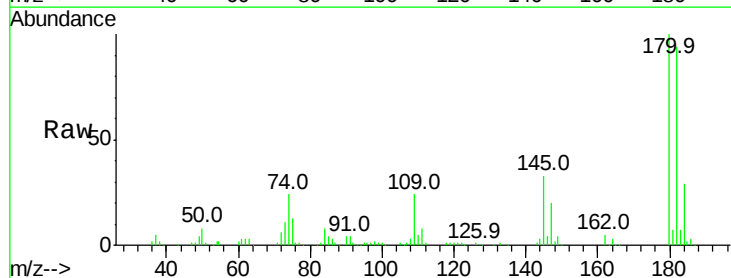
Manual Integrations
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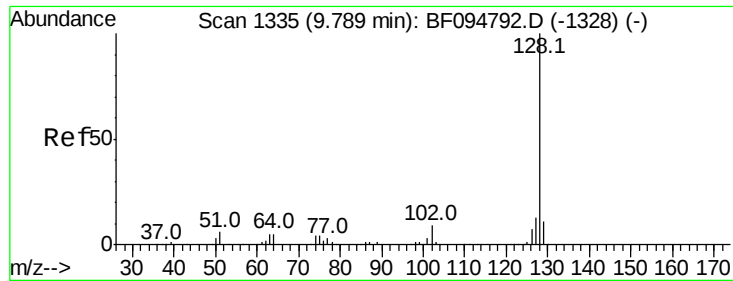
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.73 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222949		
182	93.6	75.8	113.6	
145	33.1	25.3	37.9	





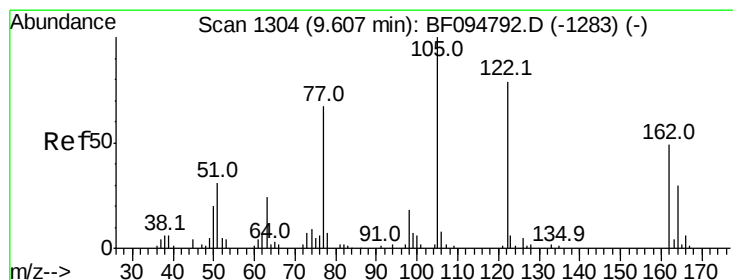
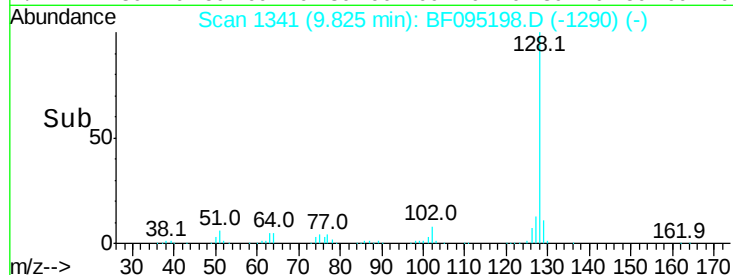
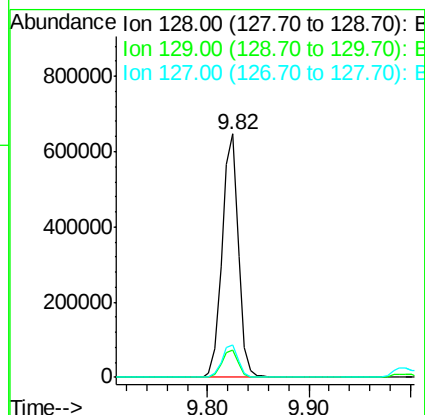
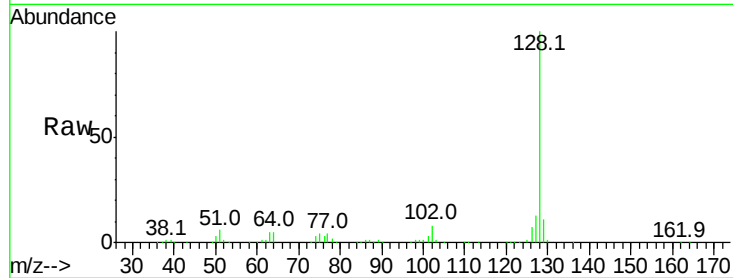
#31
Naphthalene
Concen: 43.89 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.8	16.2

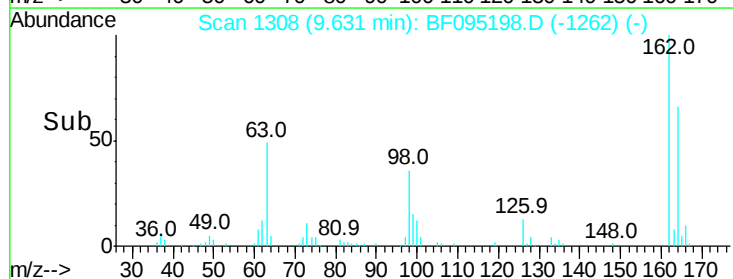
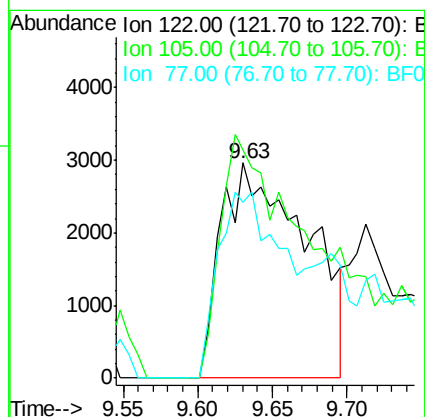
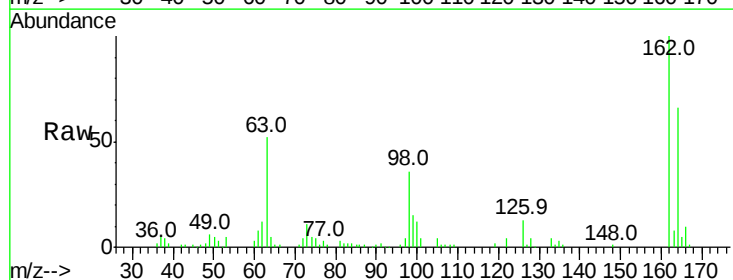
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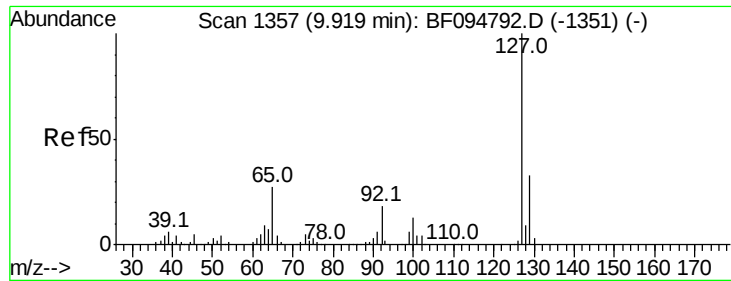
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#32
Benzoic acid
Concen: 8.49 ng
RT: 9.63 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.4	103.3	143.3
77	81.5	73.7	113.7





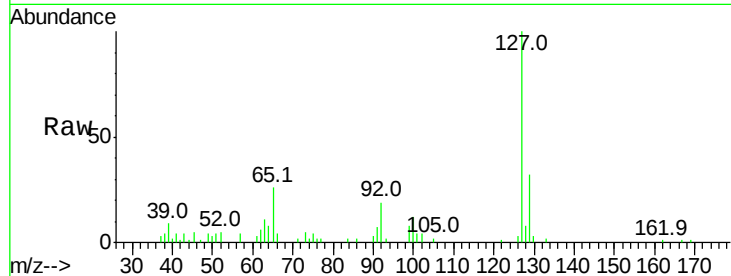
#33
 4-Chloroaniline
 Concen: 12.27 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. 0.03 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

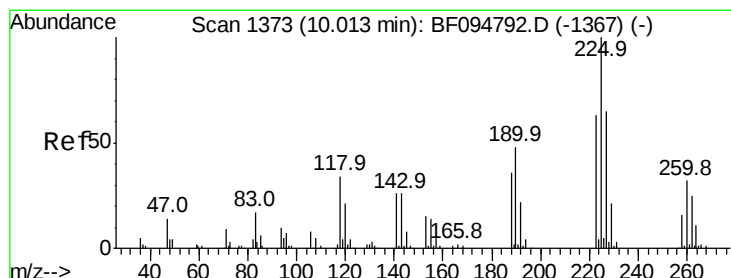
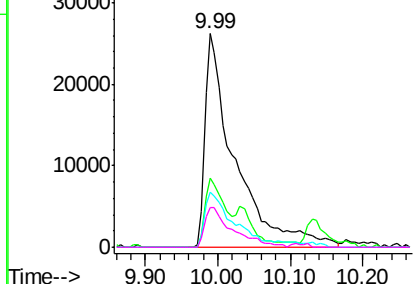
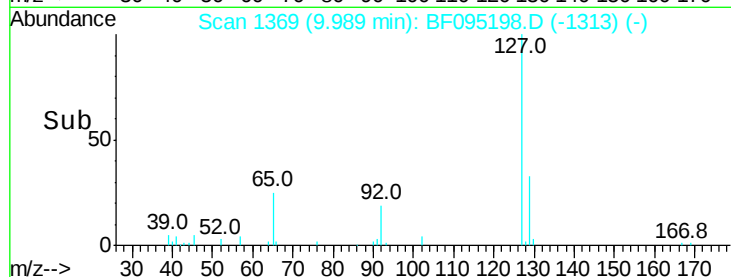
Tot Ion:	127	Resp:	74747
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.2	39.2
65	26.0	27.8	41.8
92	18.6	16.8	25.2

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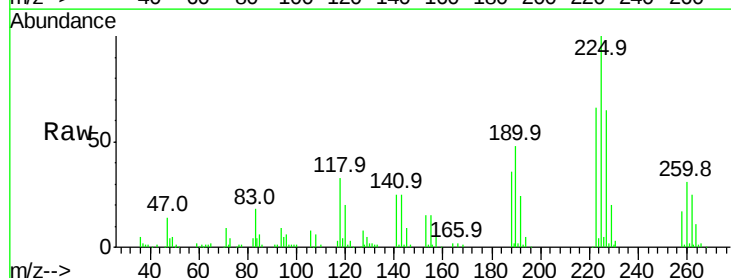


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

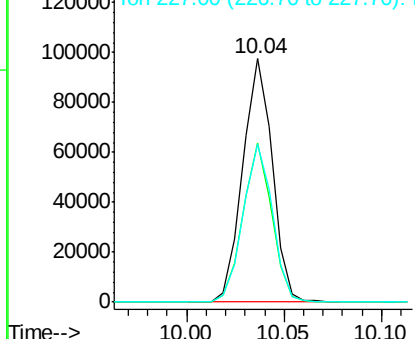
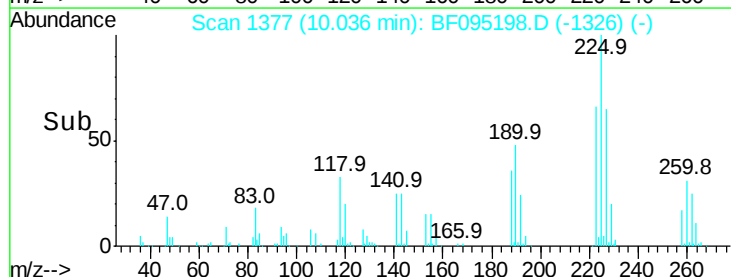


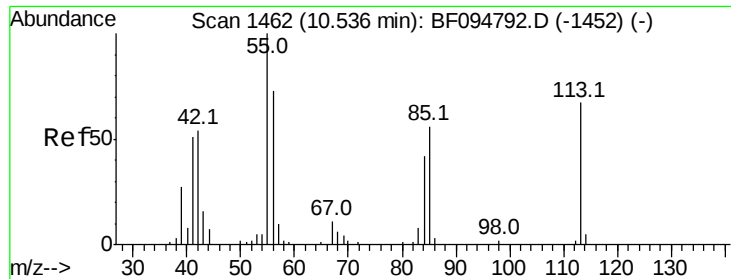
#34
 Hexachlorobutadiene
 Concen: 40.73 ng
 RT: 10.04 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:	225	Resp:	102539
Ion Ratio	Lower	Upper	
225	100		
223	65.5	48.8	73.2
227	65.1	51.1	76.7



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





#35

Caprolactam

Concen: 42.90 ng/mL

RT: 10.59 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleID :

SOUTH-CMSD

Tot Ion:113 Resp: 57373

Ion Ratio Lower Upper

113 100

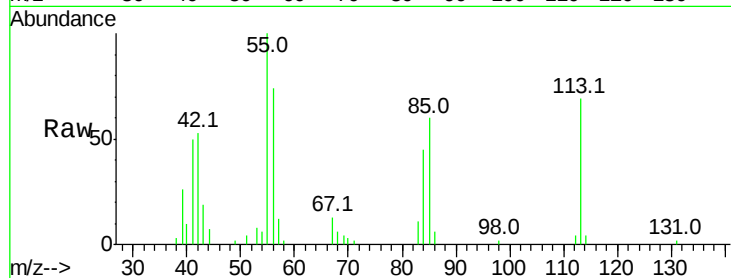
55 145.1 150.2 190.2#

56 107.4 107.8 147.8#

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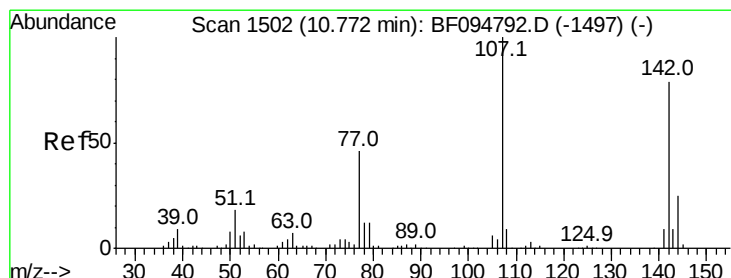
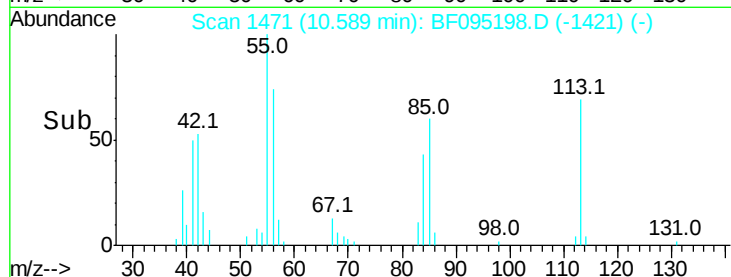
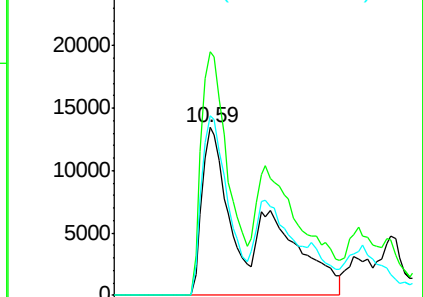
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.84 ng/mL

RT: 10.82 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

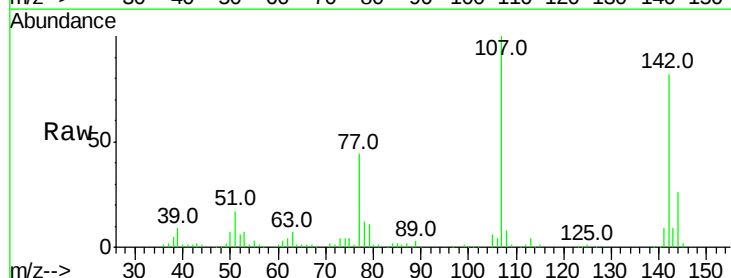
Tgt Ion:107 Resp: 237316

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

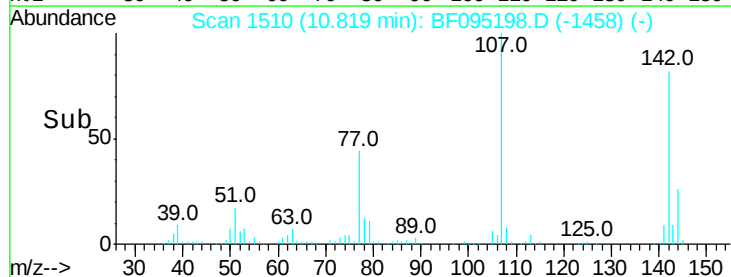
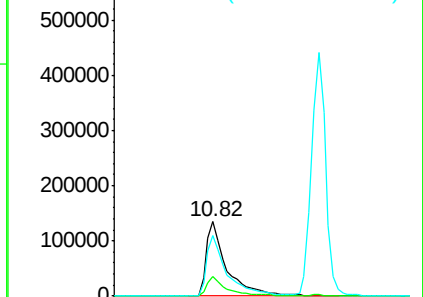
142 81.8 73.4 110.0

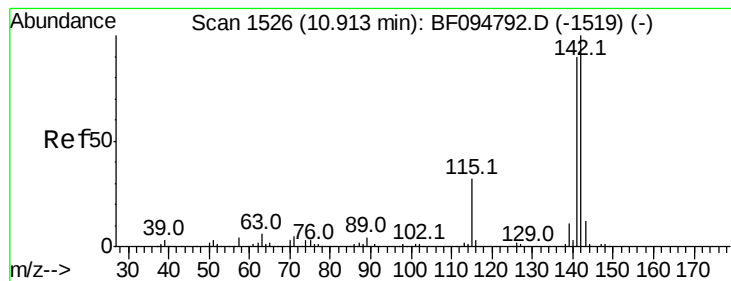


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





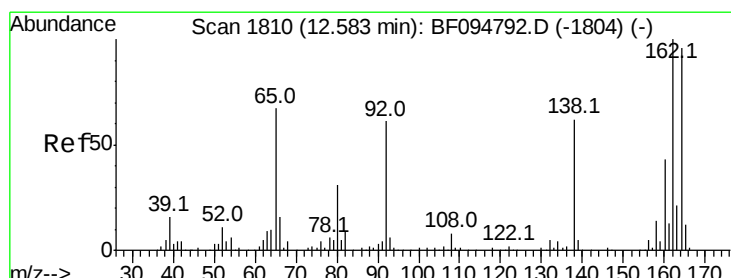
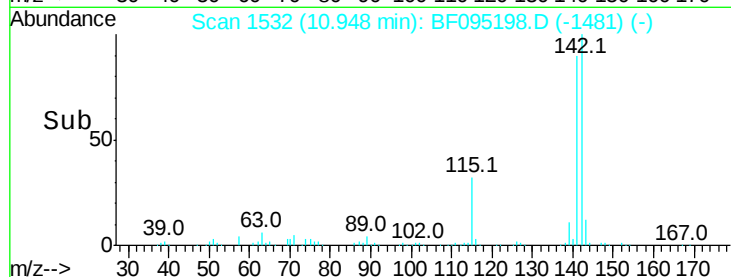
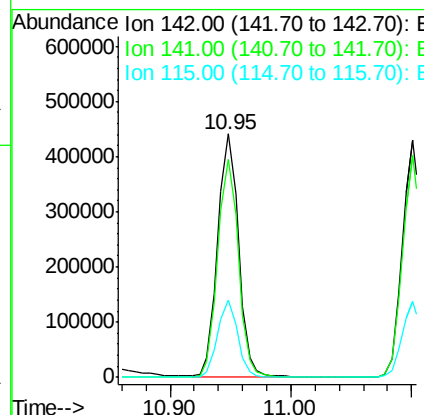
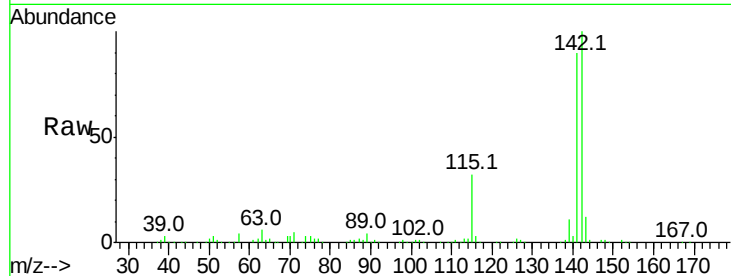
#37
2-Methylnaphthalene
Concen: 49.07 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	31.9	27.1	40.7

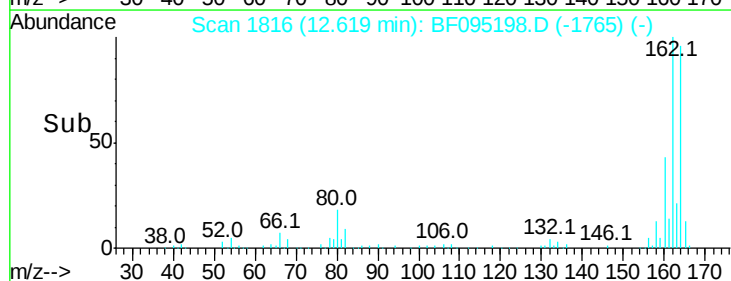
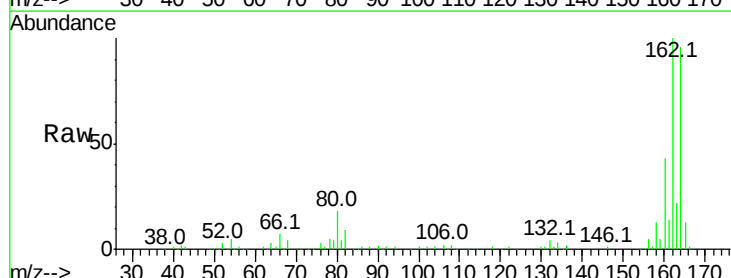
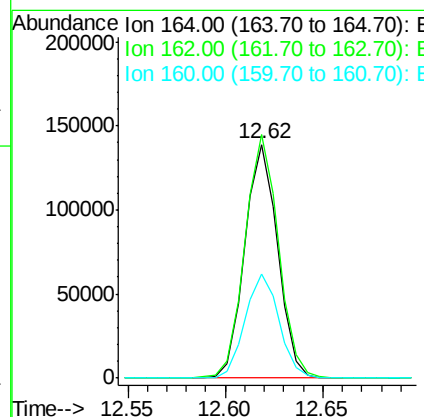
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	44.7	36.2	54.2





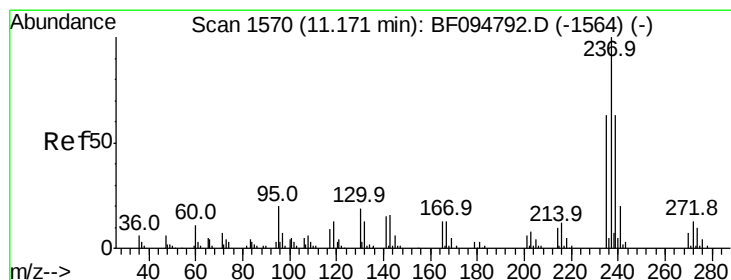
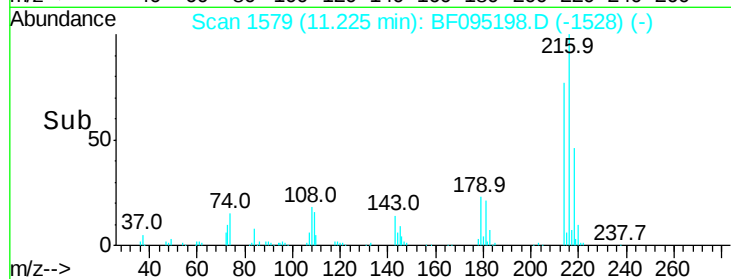
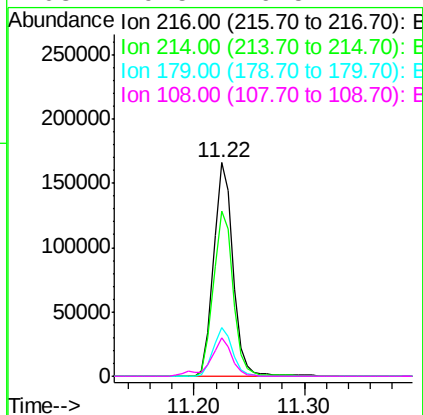
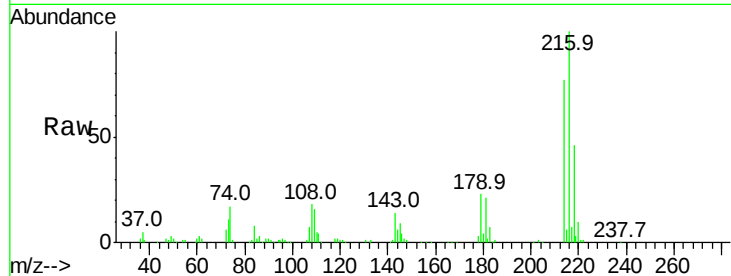
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.24 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	22.4	17.9	26.9
108	19.5	16.5	24.7

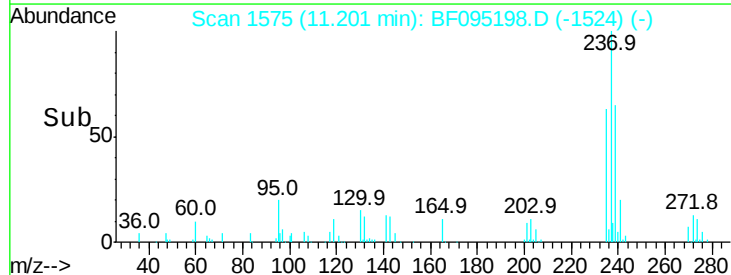
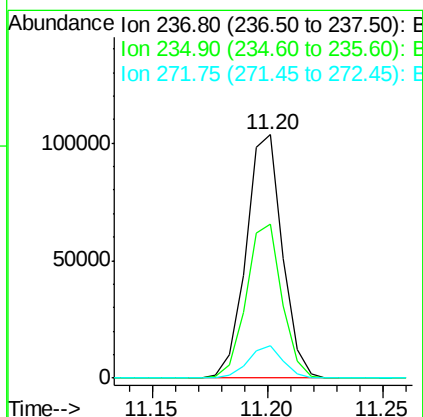
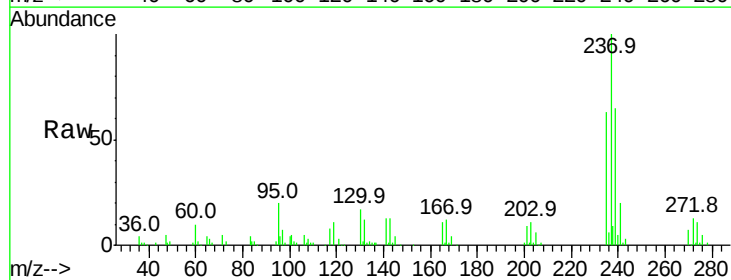
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#40
Hexachlorocyclopentadiene
Concen: 55.92 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.6	82.6
272	13.1	0.0	31.9





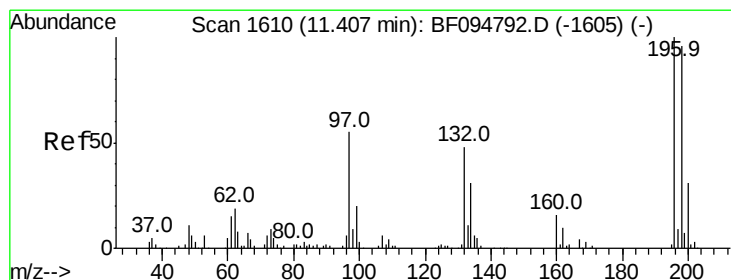
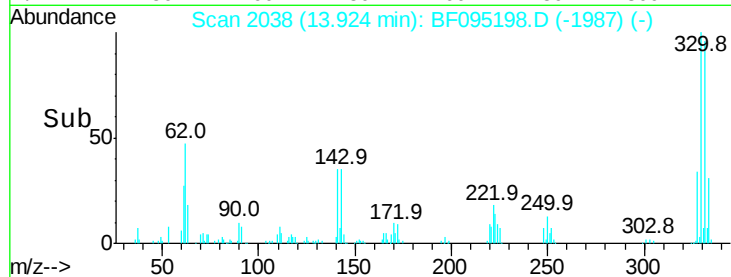
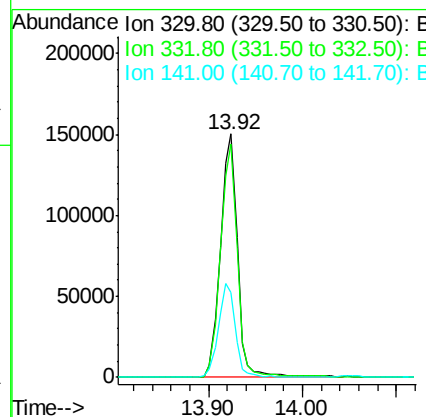
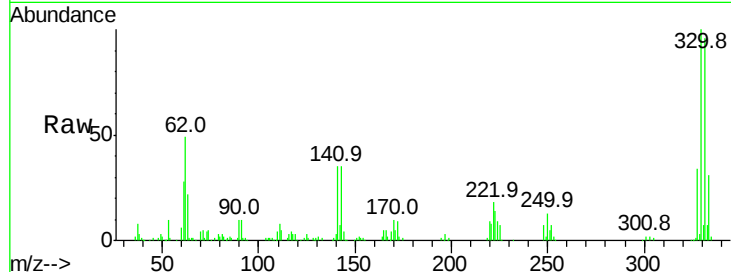
#41
 2,4,6-Tribromophenol
 Concen: 144.67 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	192257		
332	94.8	76.6	115.0	
141	39.0	31.4	47.2	

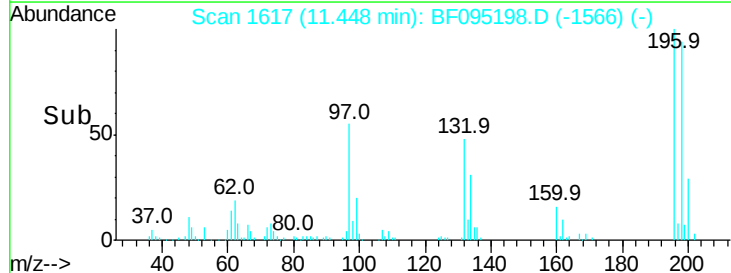
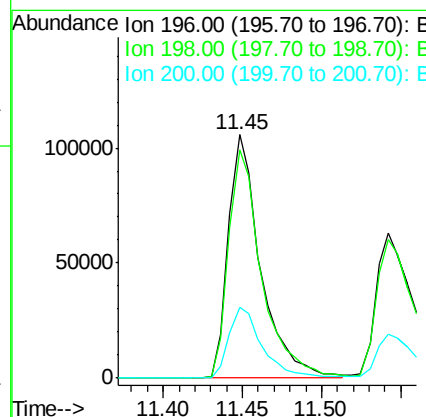
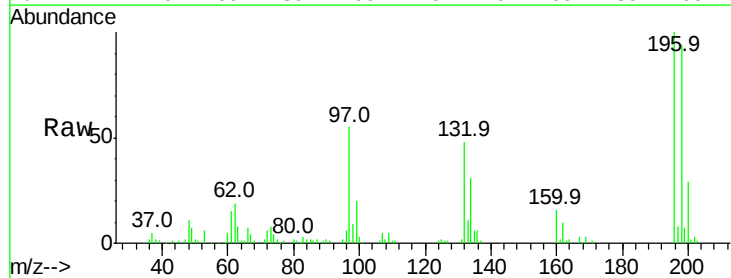
Manual Integrations
 APPROVED

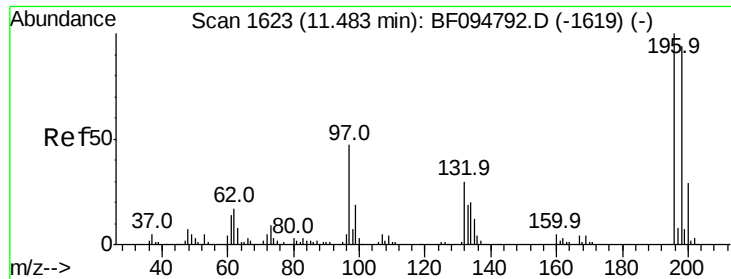
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#42
 2,4,6-Trichlorophenol
 Concen: 44.94 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149714		
198	93.9	74.2	111.4	
200	29.3	24.0	36.0	





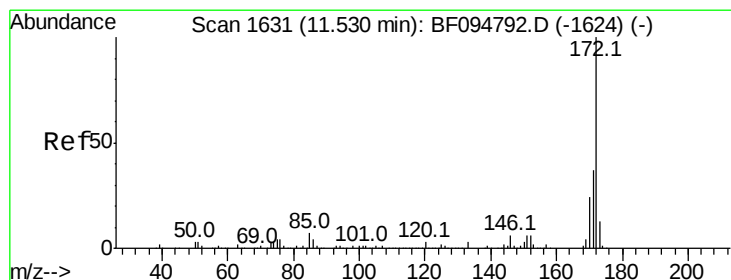
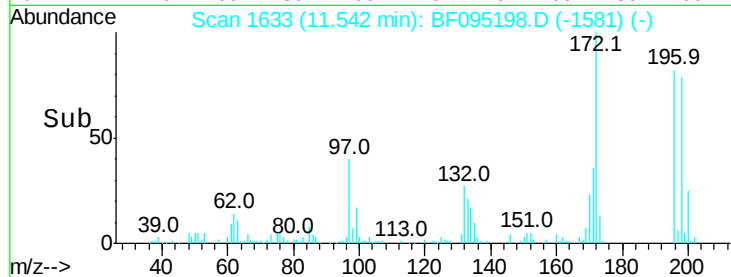
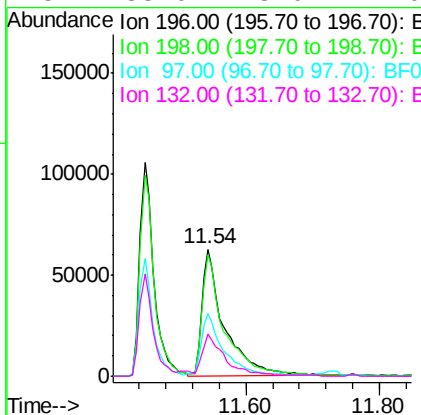
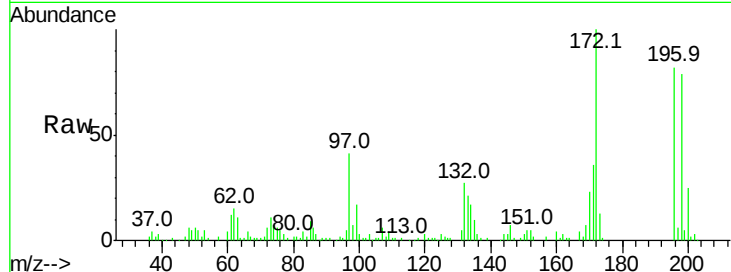
#43
 2,4,5-Trichlorophenol
 Concen: 40.30 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion:	196	Resp:	144331
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.7	113.5
97	49.8	47.7	71.5
132	33.0	28.0	42.0

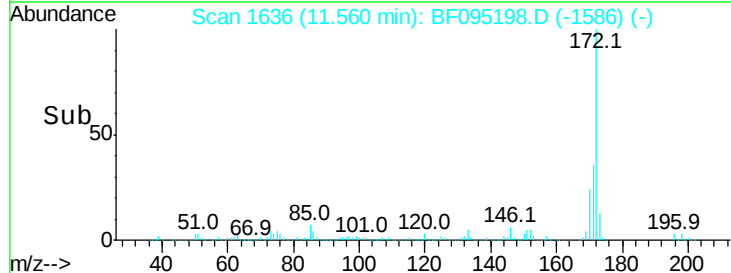
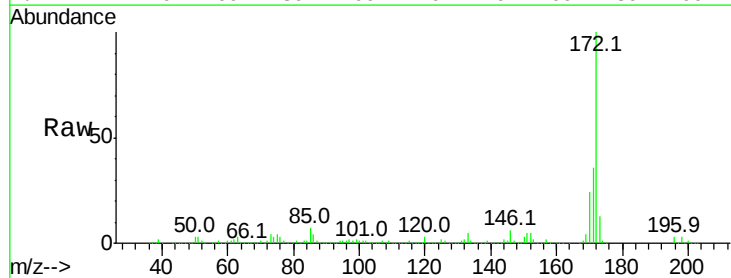
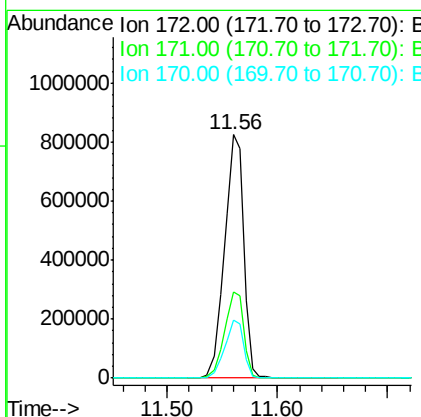
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#44
 2-Fluorobiphenyl
 Concen: 89.17 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion:	172	Resp:	1005313
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	23.6	19.8	29.8





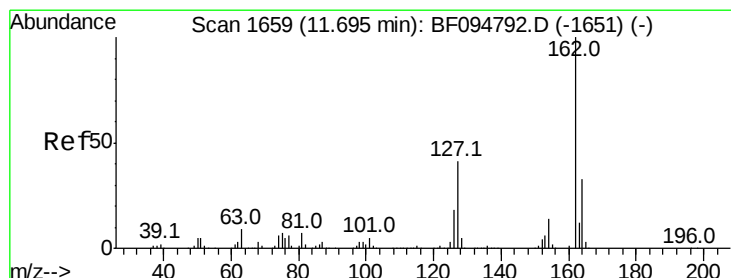
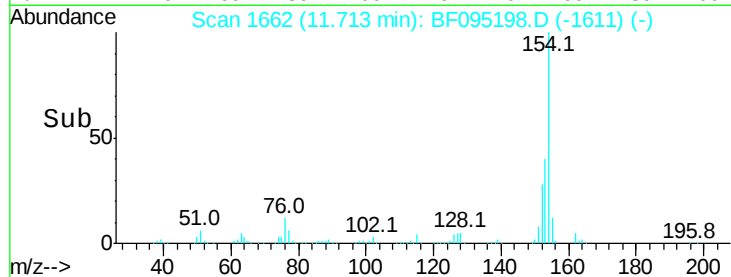
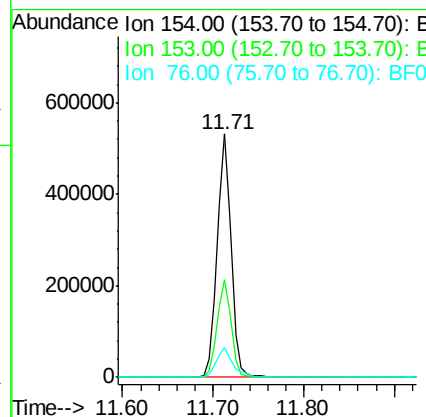
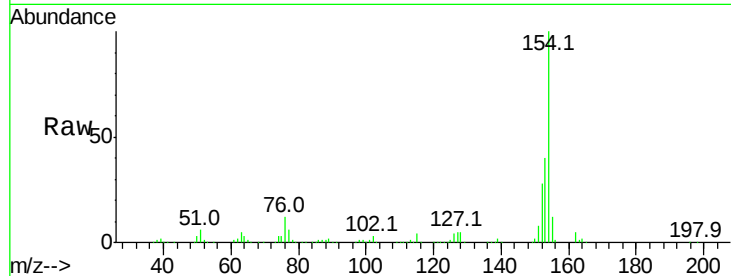
#45
 1,1'-Biphenyl
 Concen: 42.01 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.2	61.2	
76	12.2	0.0	29.9	

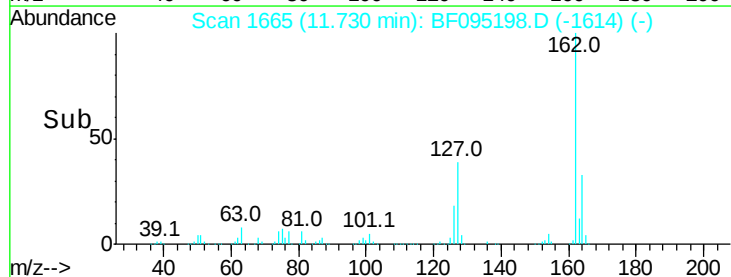
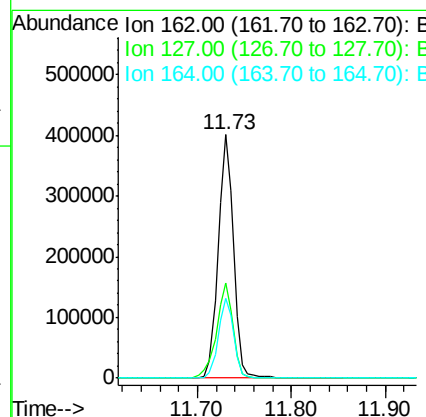
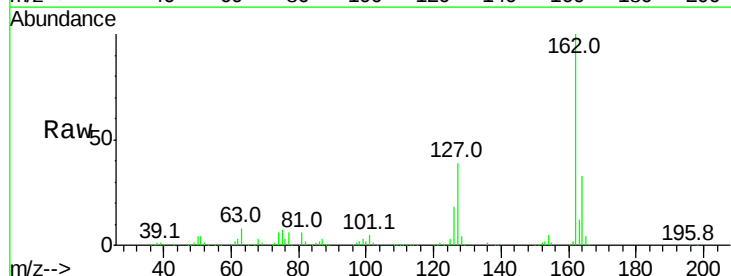
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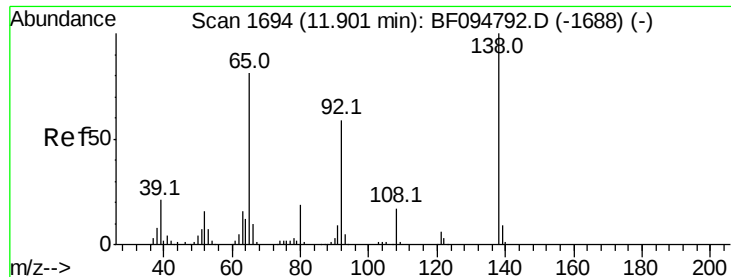
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#46
 2-Chloronaphthalene
 Concen: 41.94 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.0	28.3	42.5	
164	33.0	27.0	40.4	





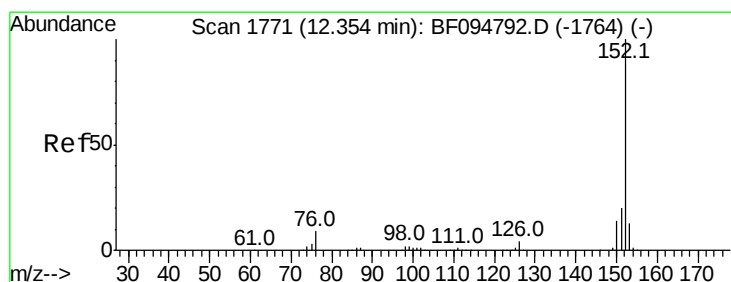
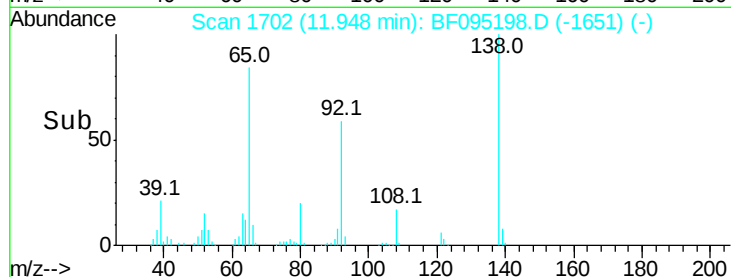
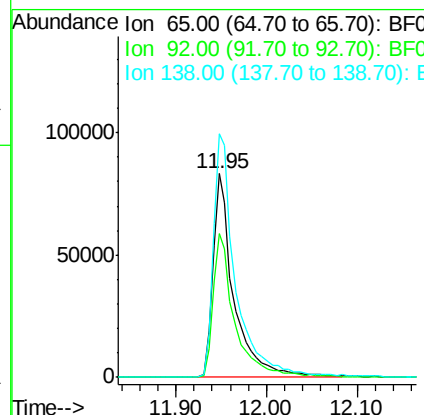
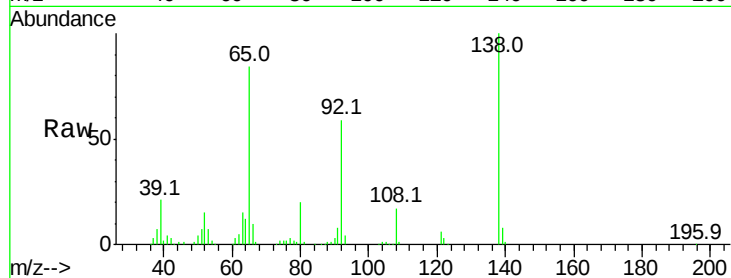
#47
2-Nitroaniline
Concen: 44.72 ng
RT: 11.95 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	53.9	80.9
138	119.7	78.8	118.2

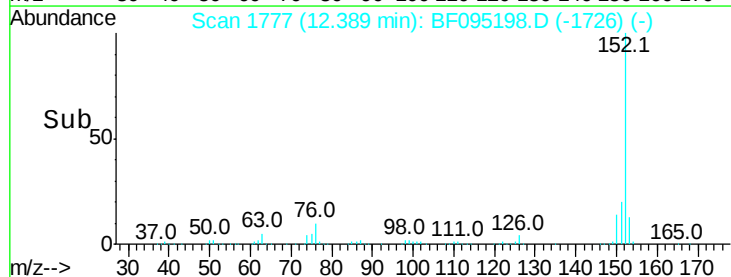
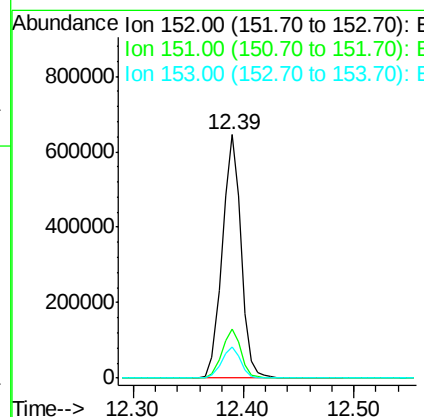
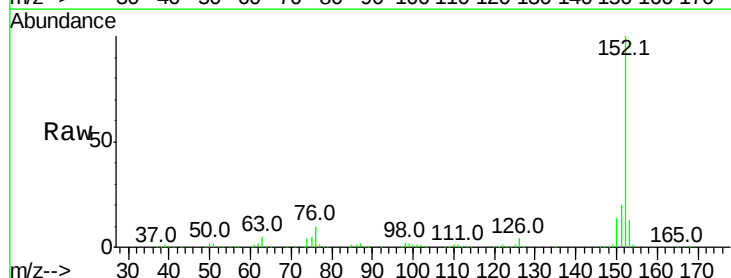
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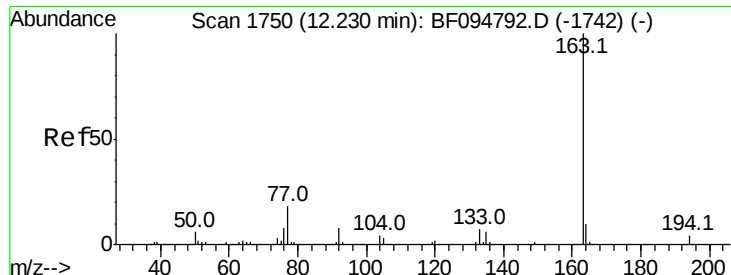
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#48
Acenaphthylene
Concen: 44.15 ng
RT: 12.39 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.8	10.8	16.2





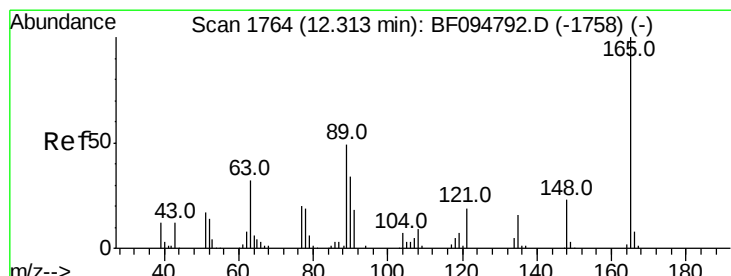
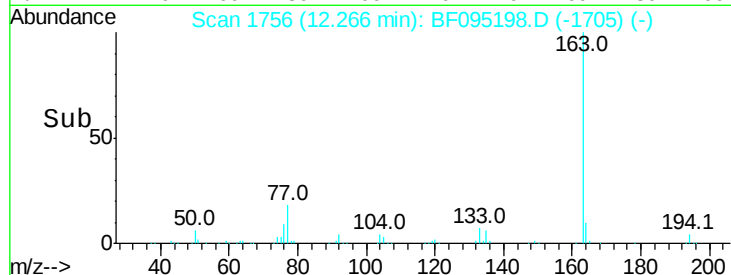
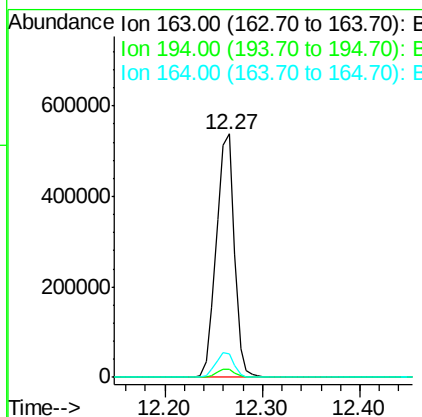
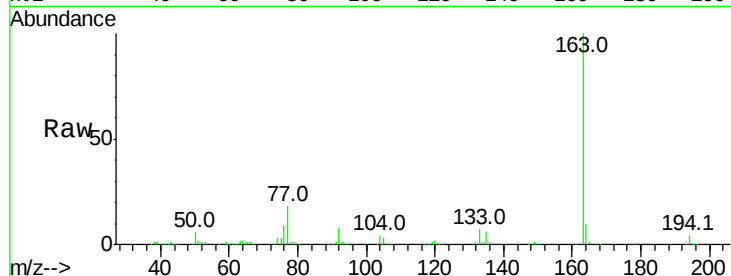
#49
Dimethylphthalate
Concen: 52.06 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6

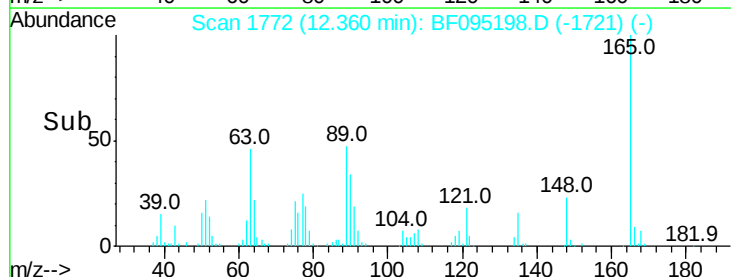
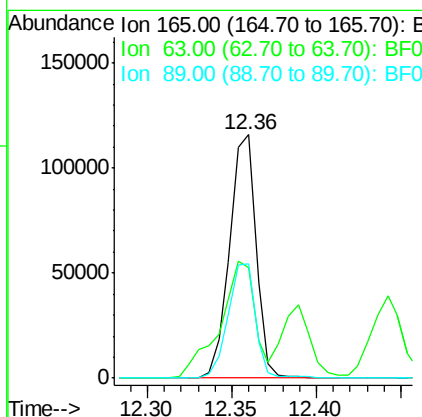
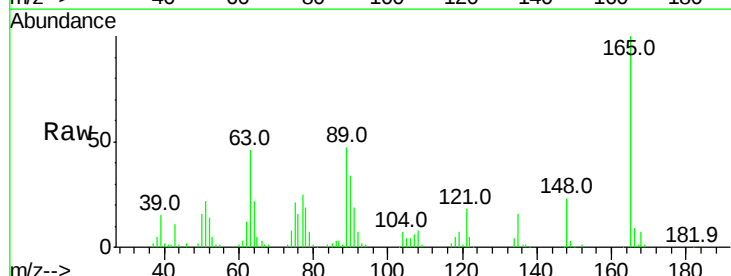
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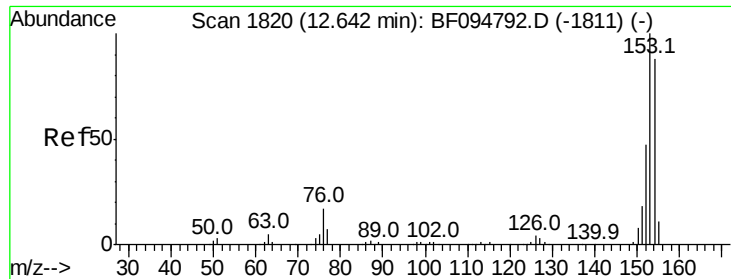
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#50
2,6-Dinitrotoluene
Concen: 46.53 ng
RT: 12.36 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.5	34.3	51.5
89	46.8	37.1	55.7





#51

Acenaphthene

Concen: 42.89 ng

RT: 12.67 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

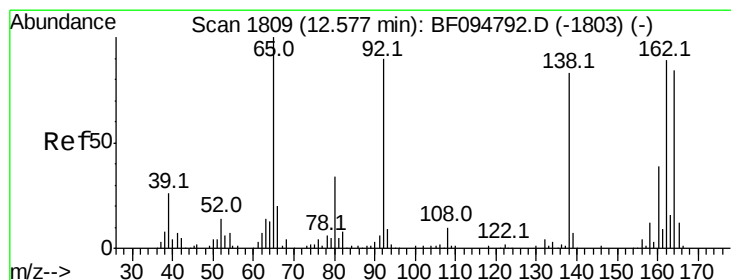
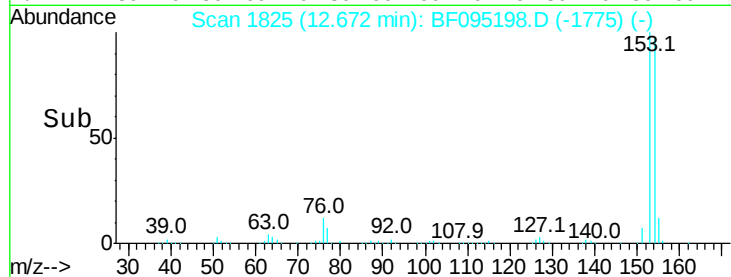
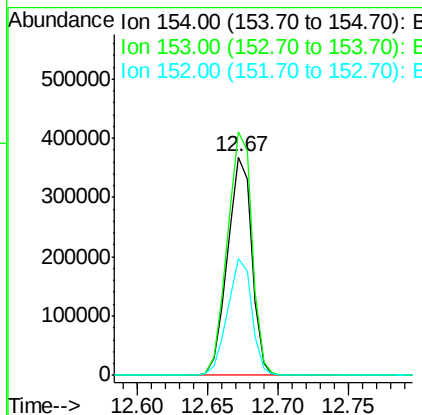
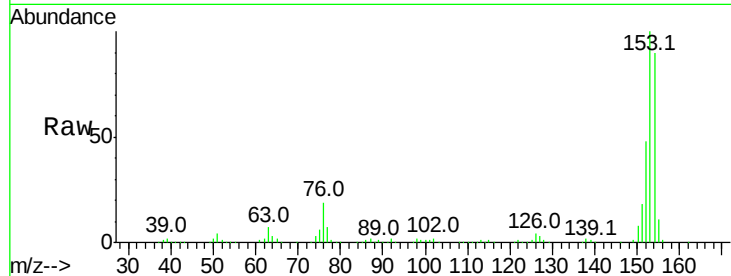
ClientSampleId :

SOUTH-CMSD

Tot Ion:	154	Resp:	442619
Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	53.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 23.18 ng

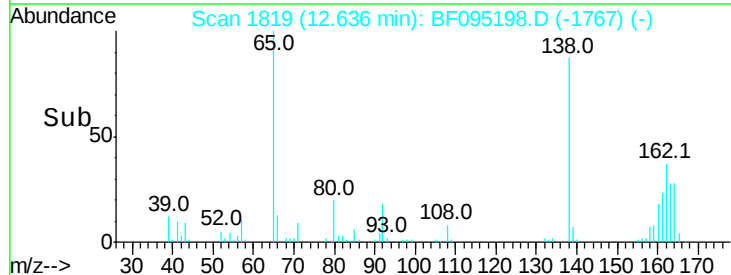
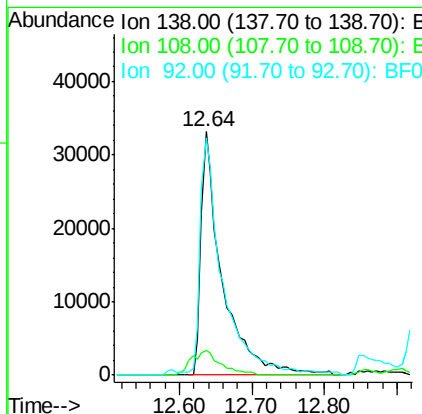
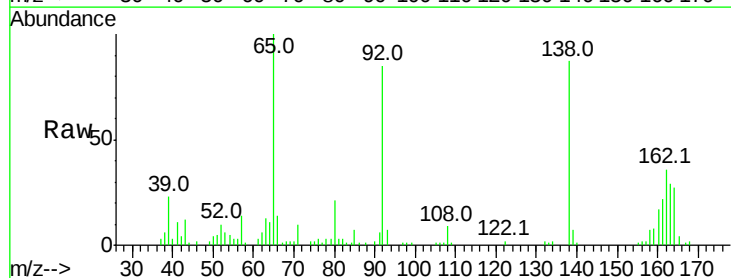
RT: 12.64 min Scan# 1819

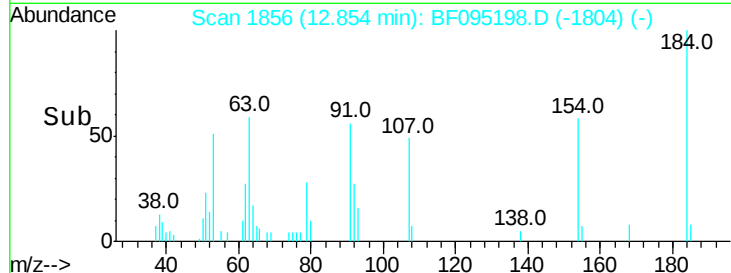
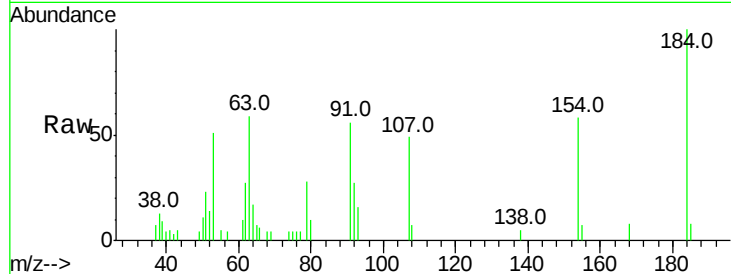
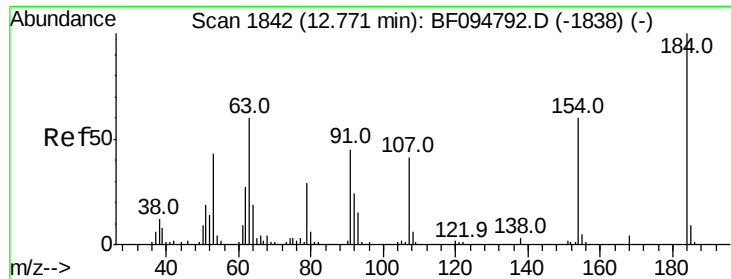
Delta R.T. 0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:	138	Resp:	67605
Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	97.7	93.8	140.6





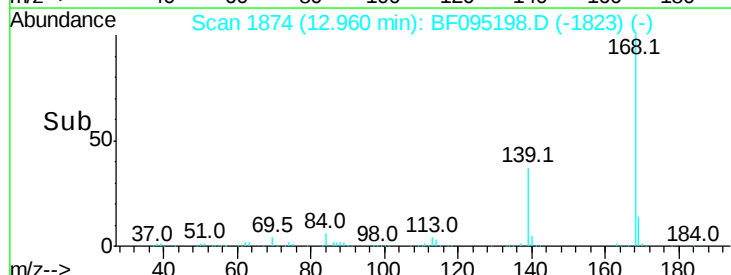
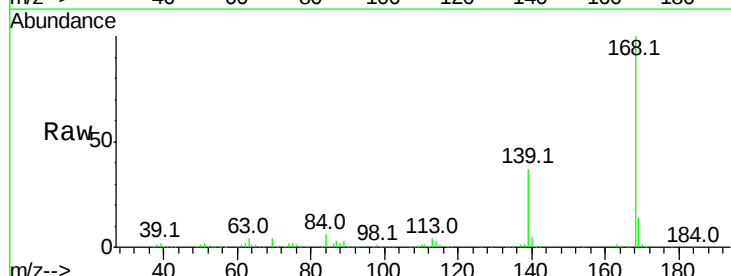
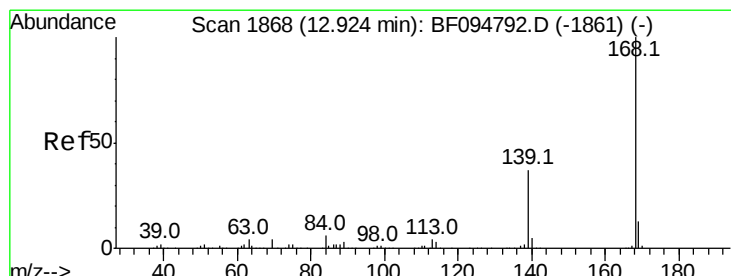
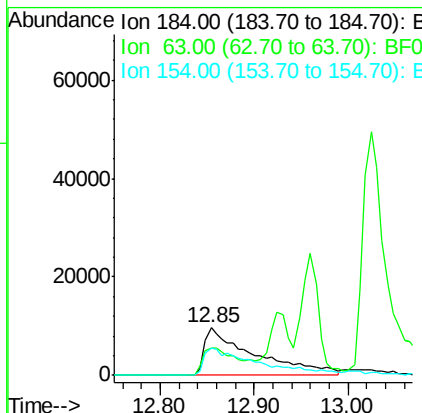
#53
2,4-Dinitrophenol
Concen: 28.37 ng
RT: 12.85 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion:184 Resp: 35917
Ion Ratio Lower Upper
184 100
63 58.7 62.7 94.1#
154 58.3 81.1 121.7#

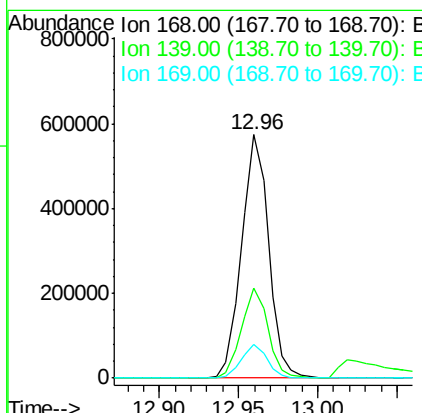
Manual Integrations
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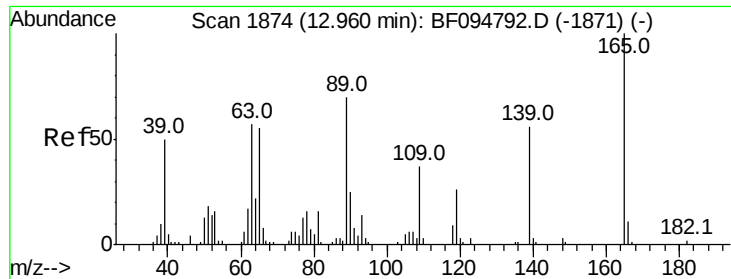
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#54
Dibenzofuran
Concen: 47.54 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion:168 Resp: 678902
Ion Ratio Lower Upper
168 100
139 36.9 30.6 45.8
169 13.6 10.8 16.2





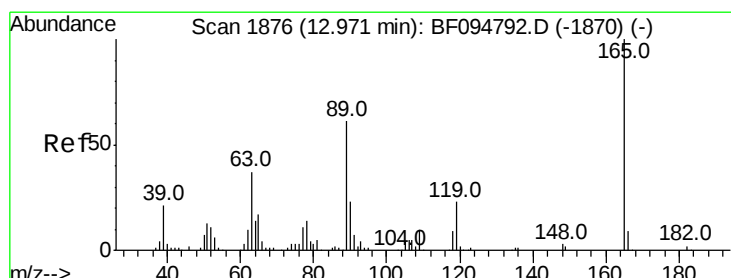
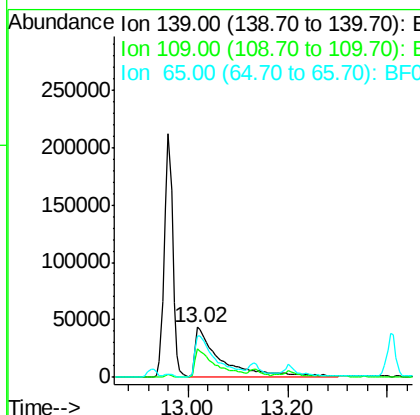
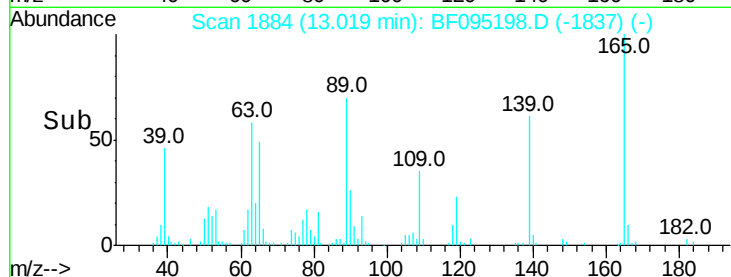
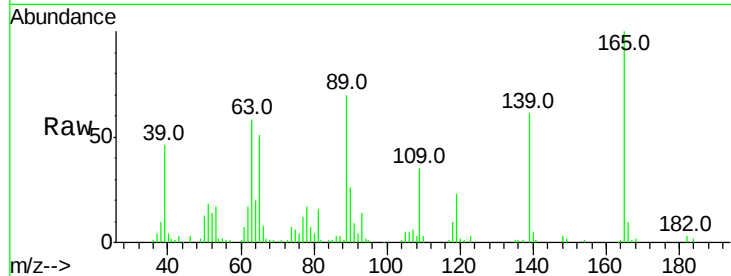
#55
4-Nitrophenol
Concen: 86.22 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.6	34.1	74.1	
65	83.0	31.4	71.4	#

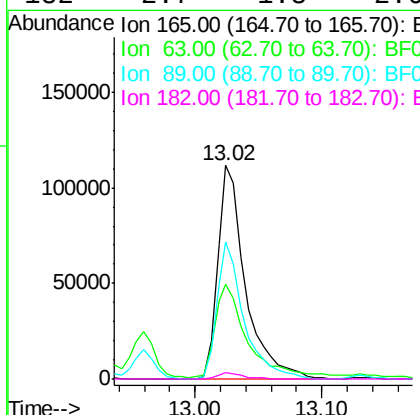
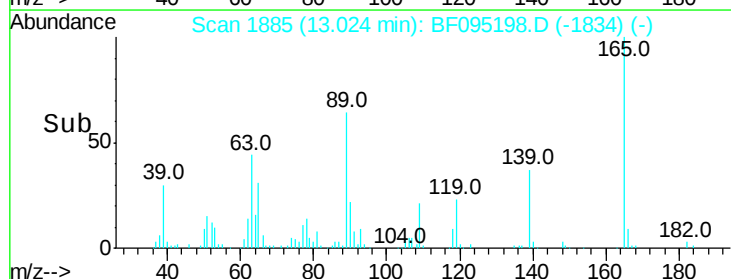
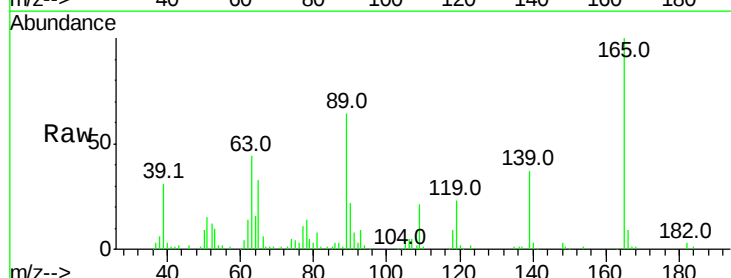
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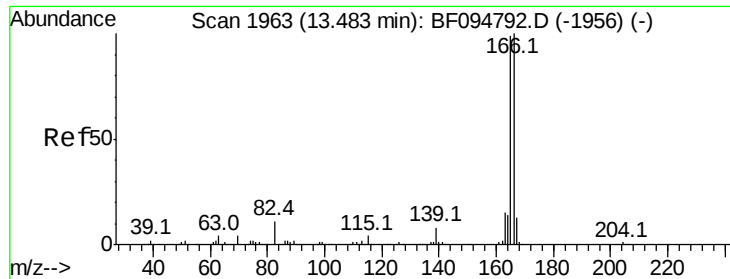
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#56
2,4-Dinitrotoluene
Concen: 48.85 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.3	25.4	38.0	#
89	64.0	46.4	69.6	
182	2.7	1.8	2.6	#





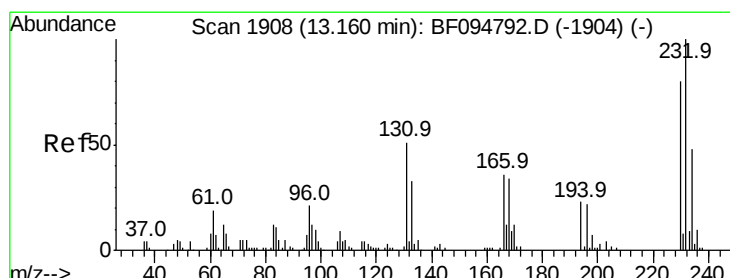
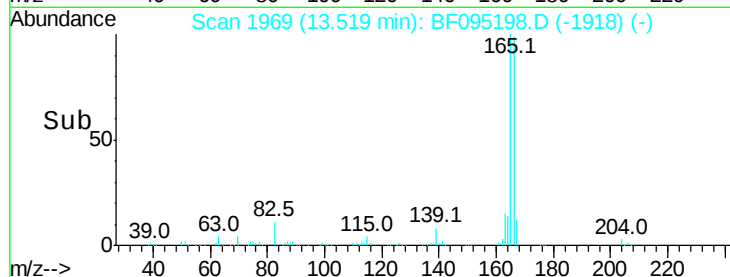
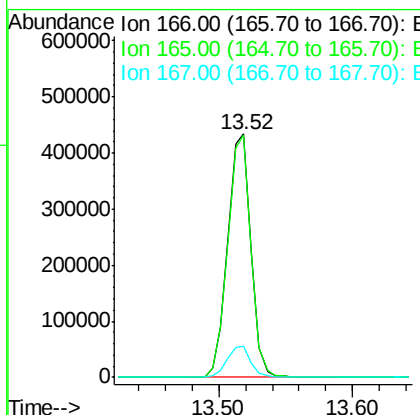
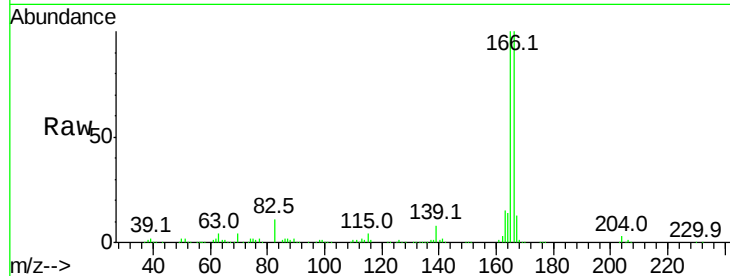
#57
 Fluorene
 Concen: 42.91 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	532816		
165	99.7	78.8	118.2	
167	12.9	10.6	16.0	

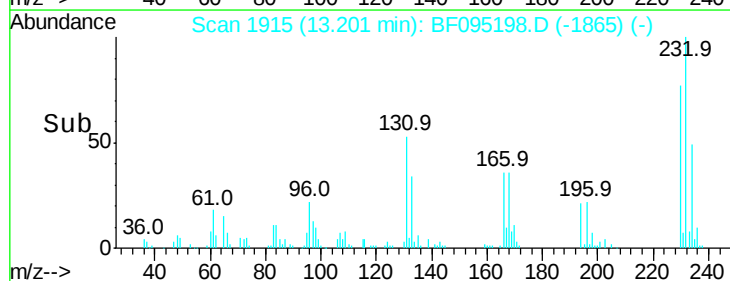
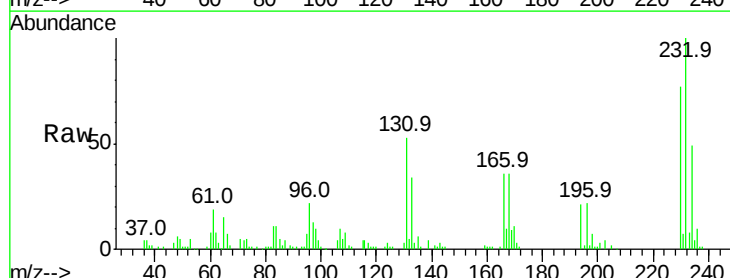
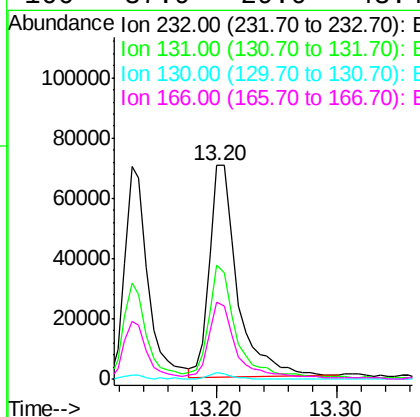
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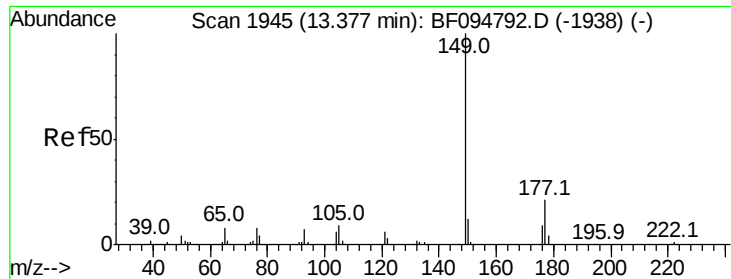
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.63 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	111841		
131	52.3	44.8	67.2	
130	2.3	2.3	3.5#	
166	37.9	29.0	43.4	





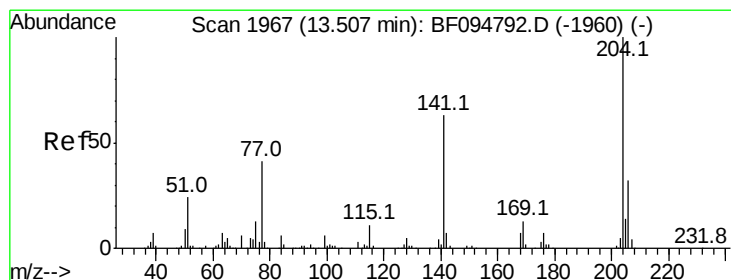
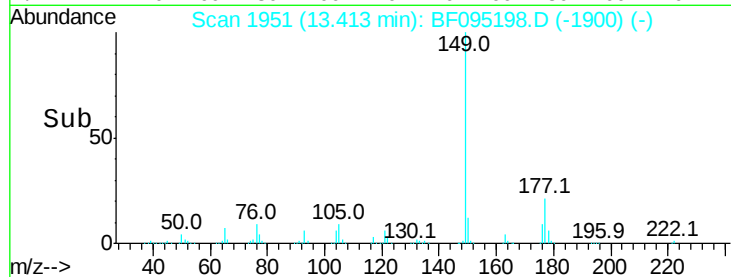
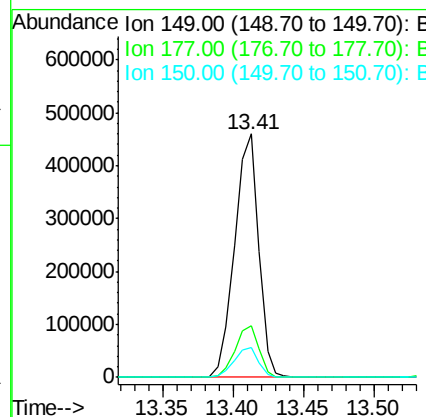
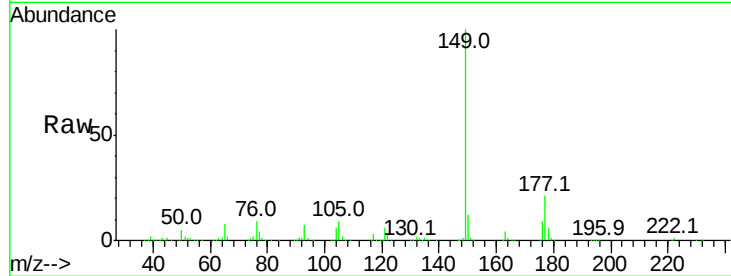
#59
Diethylphthalate
Concen: 42.55 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	543329		
177	21.3	16.7	25.1	
150	12.4	10.2	15.2	

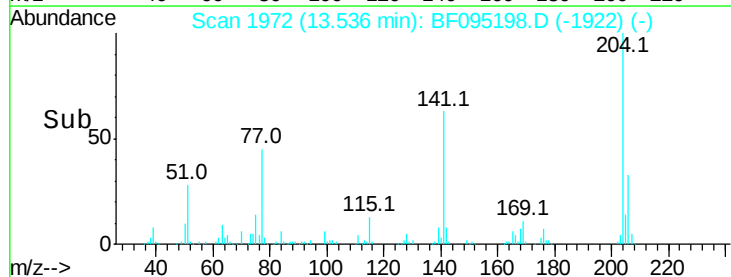
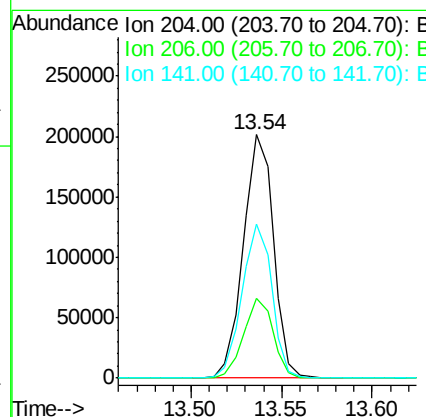
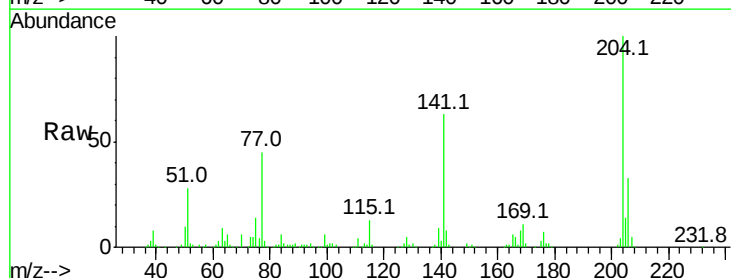
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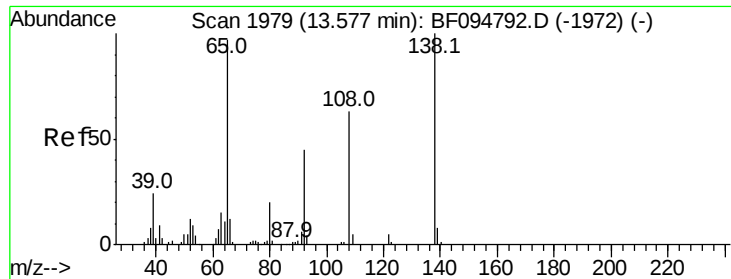
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 42.59 ng
RT: 13.54 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	232464		
206	32.7	26.2	39.2	
141	63.4	60.8	91.2	





#61

4-Nitroaniline

Concen: 40.81 ng

RT: 13.64 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

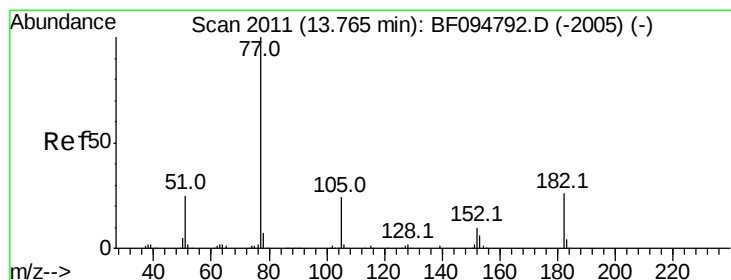
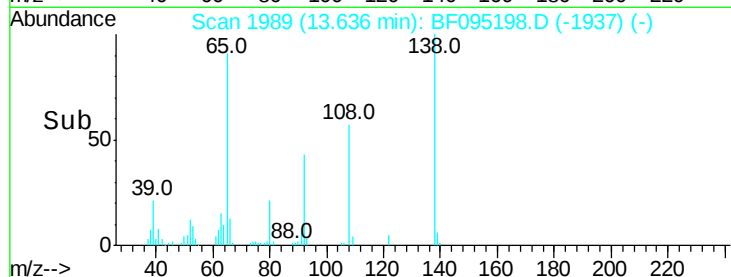
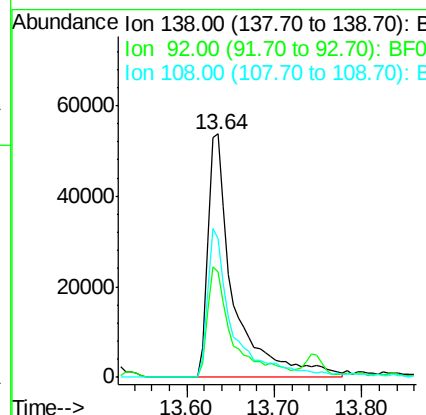
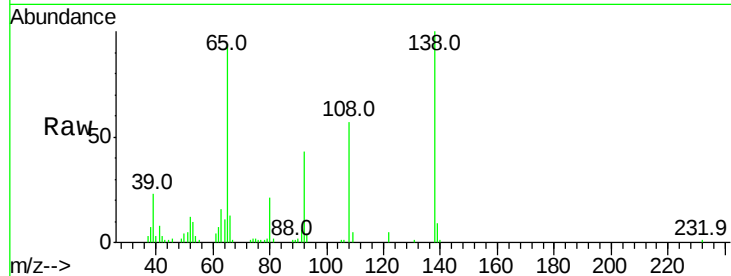
ClientSampleId :

SOUTH-CMSD

Tot Ion:	138	Resp:	109287
Ion Ratio	Lower	Upper	
138	100		
92	43.3	21.8	61.8
108	57.0	42.3	82.3

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#62

Azobenzene

Concen: 48.27 ng

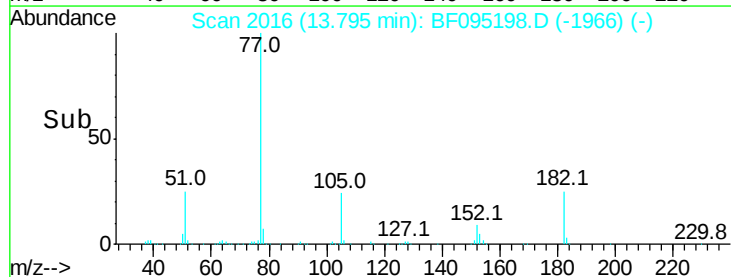
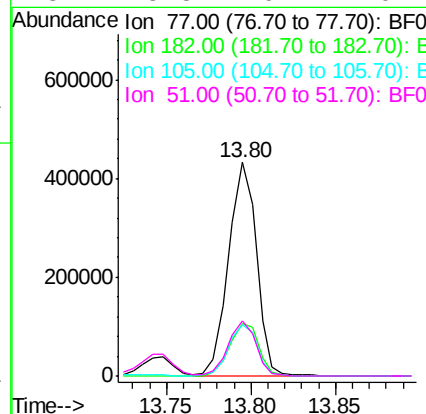
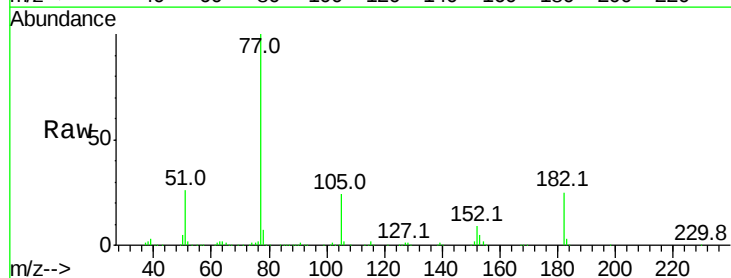
RT: 13.80 min Scan# 2016

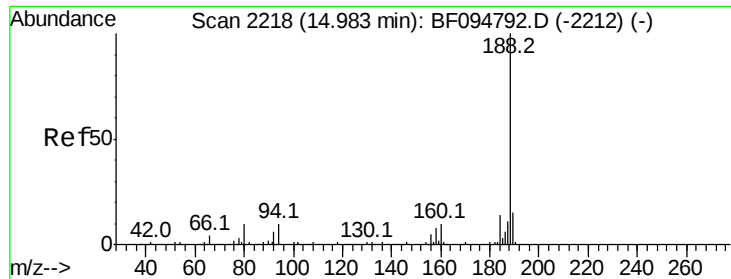
Delta R.T. -0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:	77	Resp:	495291
Ion Ratio	Lower	Upper	
77	100		
182	24.8	0.1	40.1
105	24.3	3.6	43.6
51	25.8	9.4	49.4





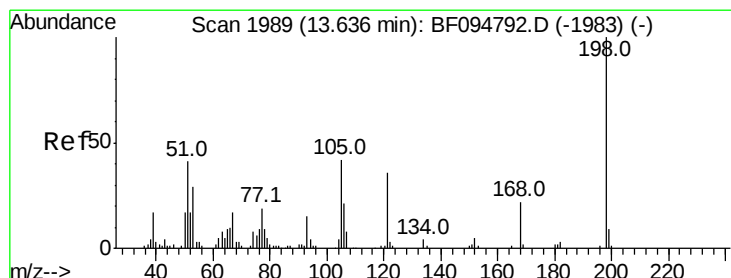
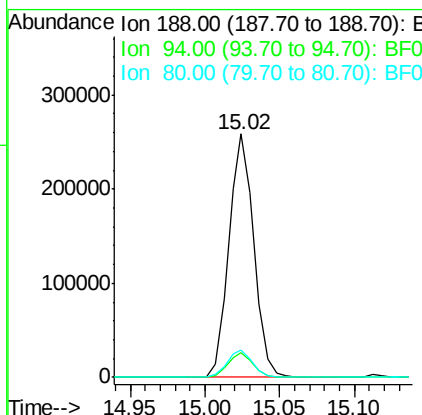
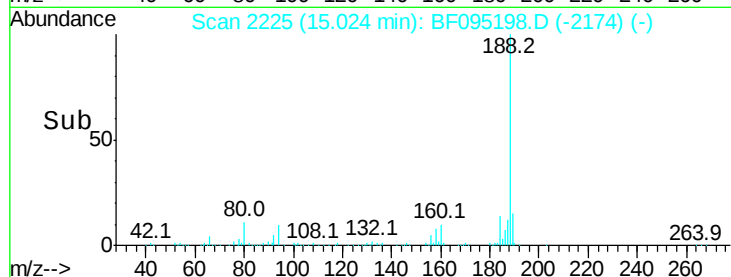
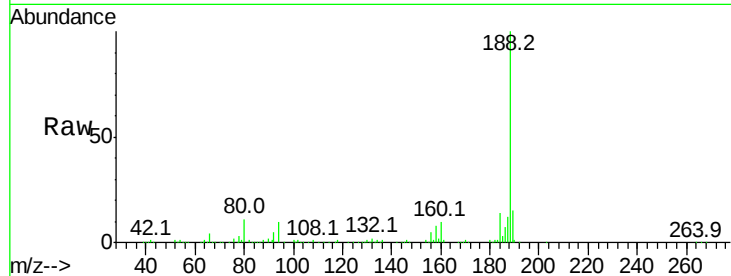
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	9.4	14.2	
80	11.1	10.2	15.2	

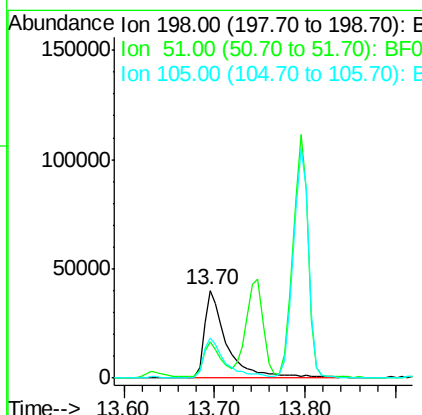
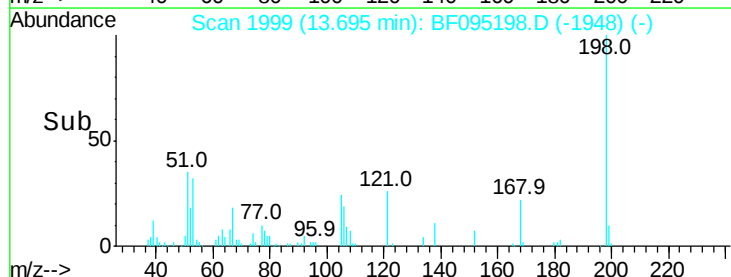
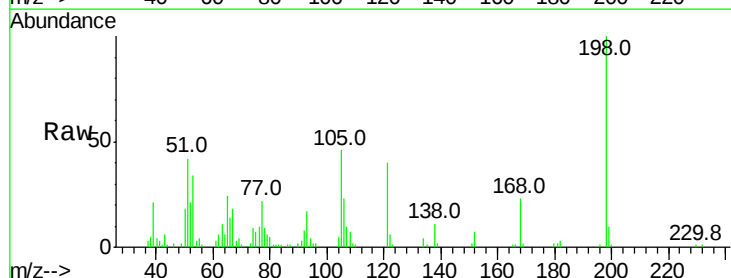
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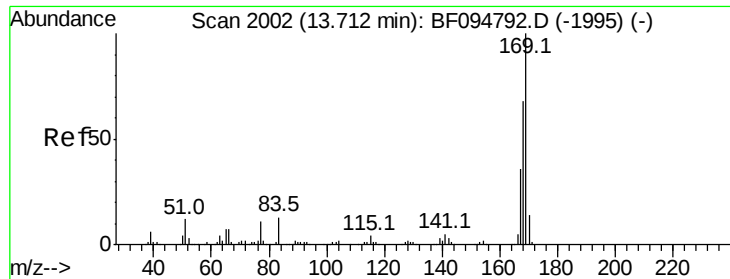
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.16 ng
RT: 13.70 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	41.8	53.2	93.2#	
105	46.0	45.8	85.8	





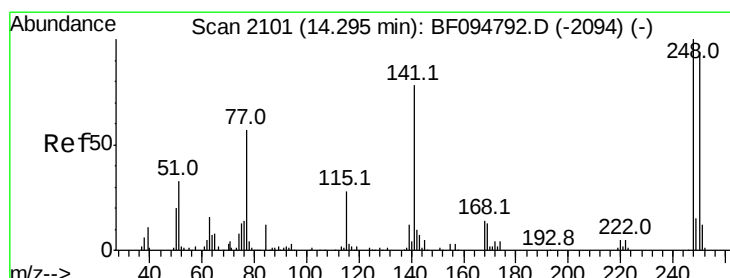
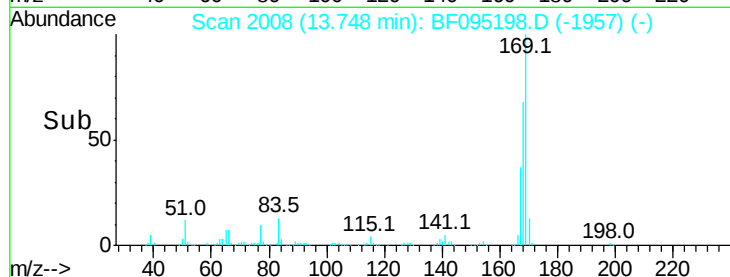
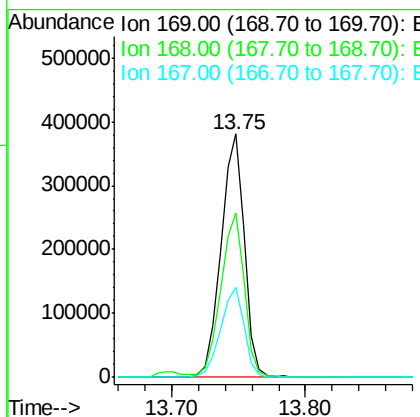
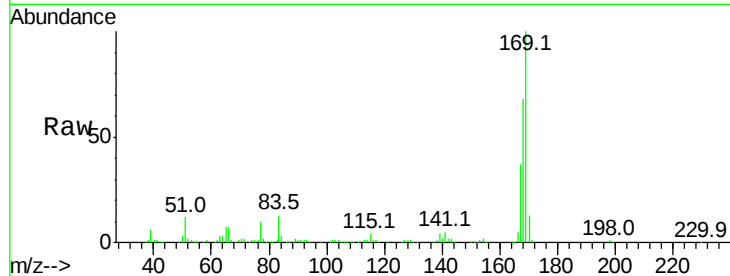
#65
n-Nitrosodiphenylamine
Concen: 42.43 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	36.9	29.5	44.3

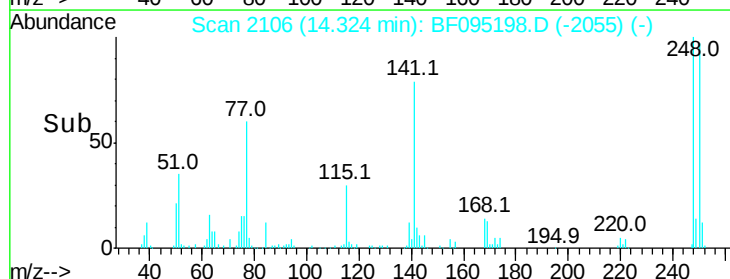
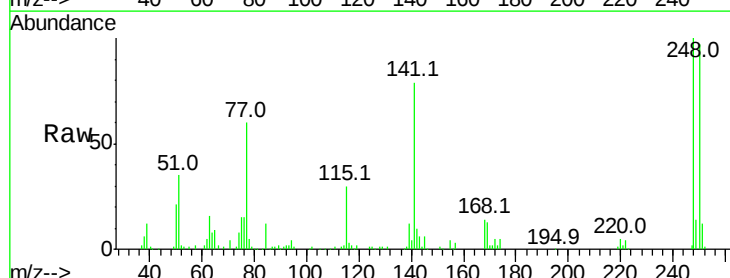
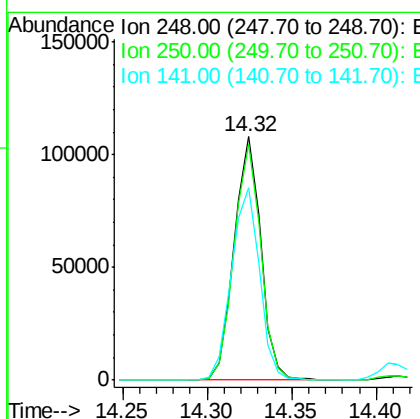
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#66
4-Bromophenyl-phenylether
Concen: 36.82 ng
RT: 14.32 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.8	115.2
141	79.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 35.94 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

ClientSampleId :

SOUTH-CMSD

Tot Ion:284 Resp: 118218
Ion Ratio Lower Upper

284 100

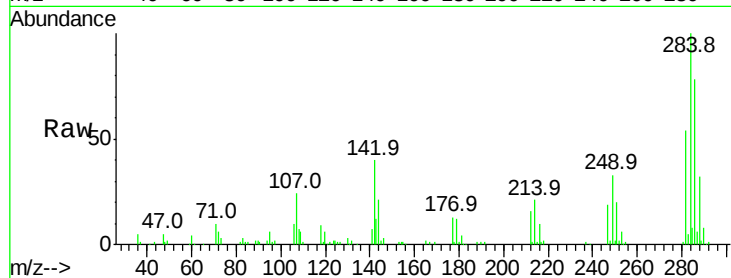
142 39.6 22.8 34.2#

249 32.5 24.0 36.0

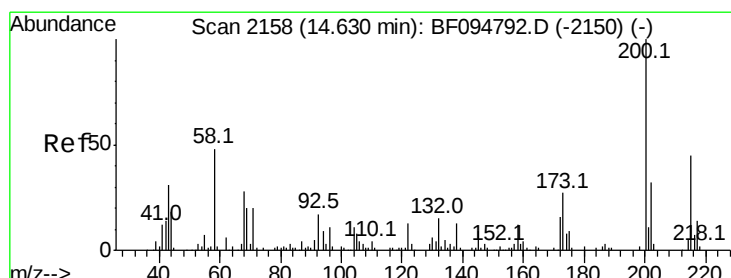
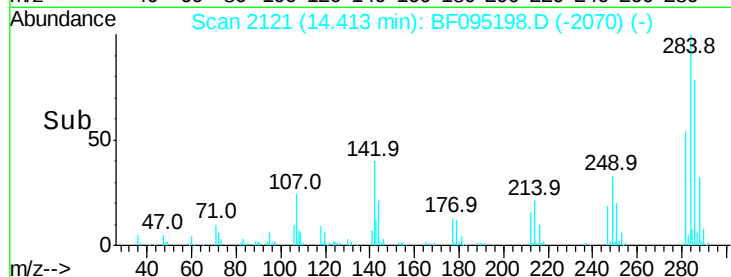
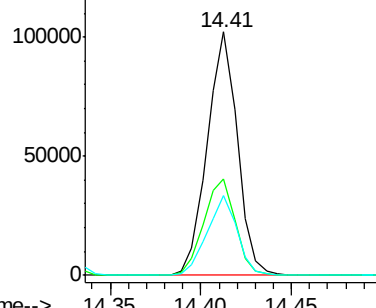
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.67 ng

RT: 14.67 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF095198.D

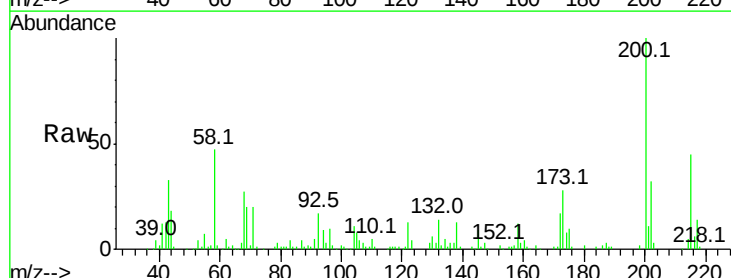
Acq: 17 May 2017 22:15

Tgt Ion:200 Resp: 139076
Ion Ratio Lower Upper

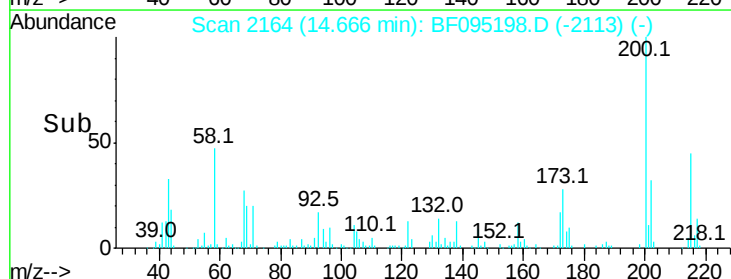
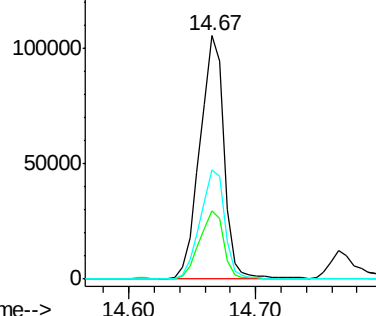
200 100

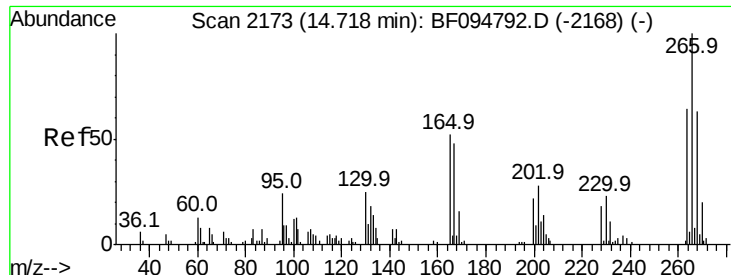
173 28.3 6.3 46.3

215 44.8 27.2 67.2



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





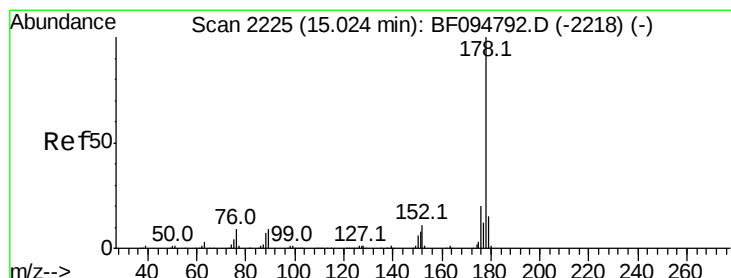
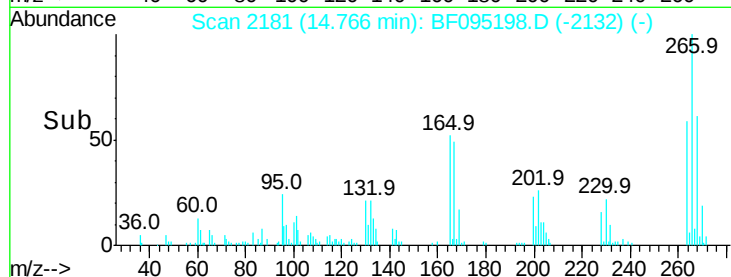
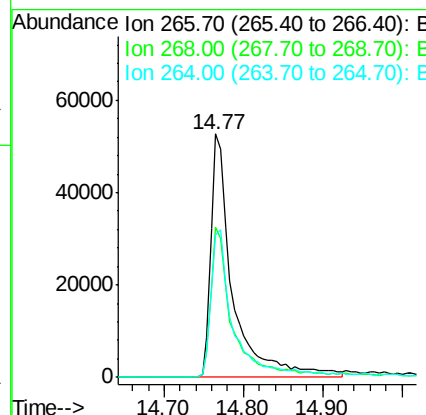
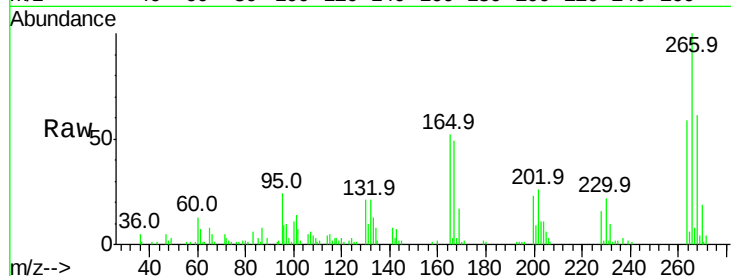
#69
 Pentachlorophenol
 Concen: 69.25 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	101726		
268	61.5		51.1	76.7
264	58.6		51.7	77.5

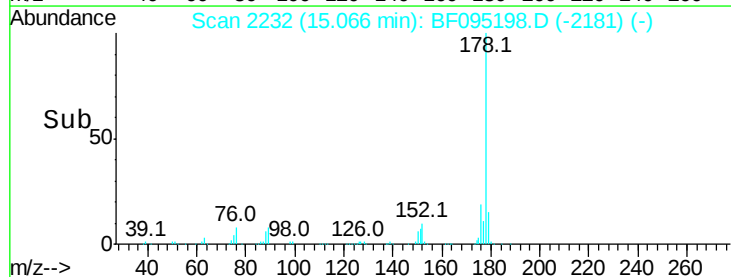
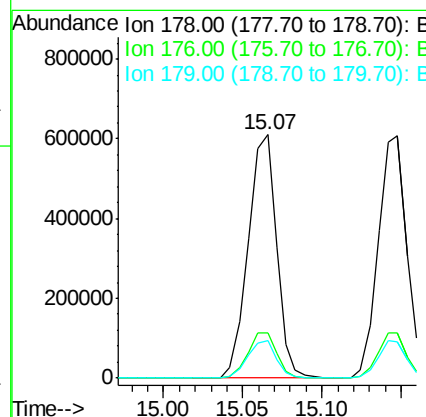
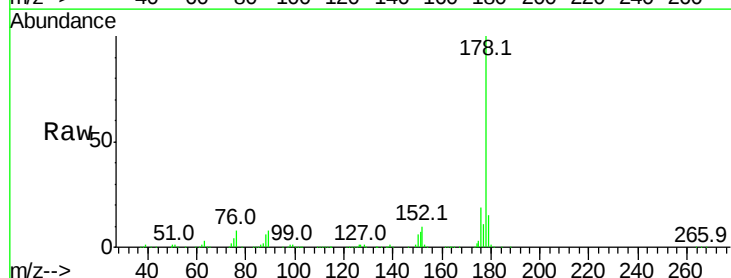
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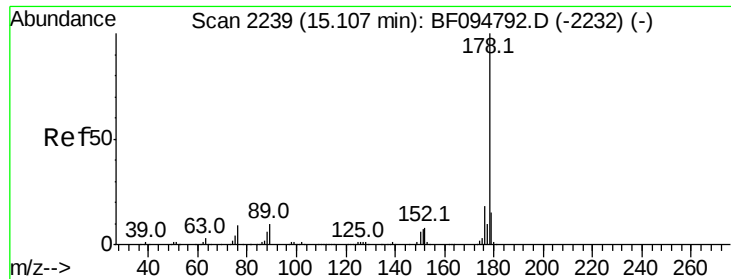
mohammad
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#70
 Phenanthrene
 Concen: 43.63 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	761603		
176	18.7		16.2	24.4
179	15.3		12.6	19.0





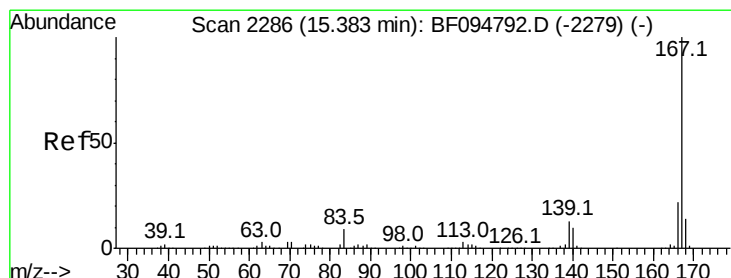
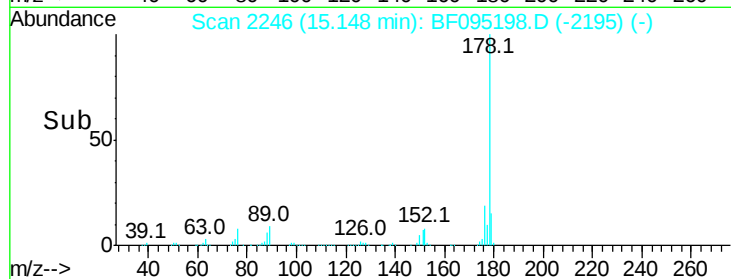
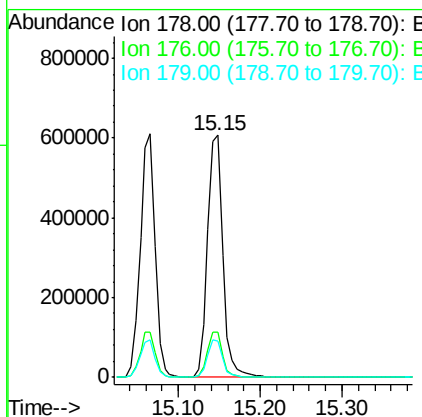
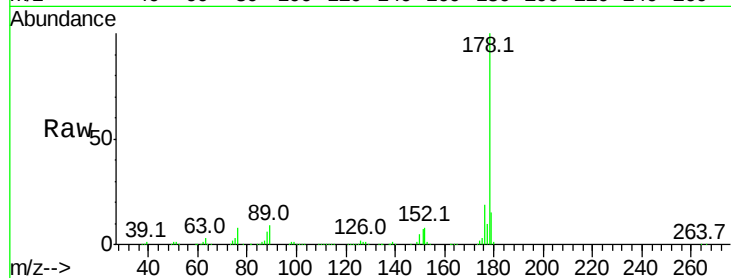
#71
 Anthracene
 Concen: 44.34 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	12.7	19.1

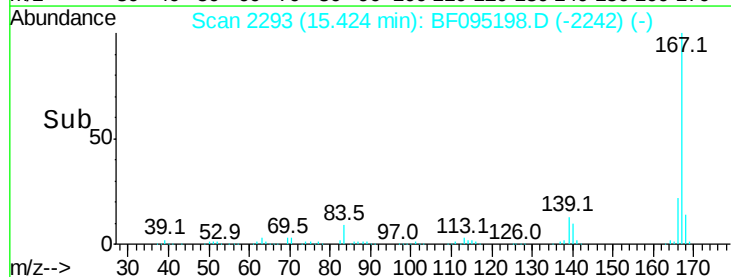
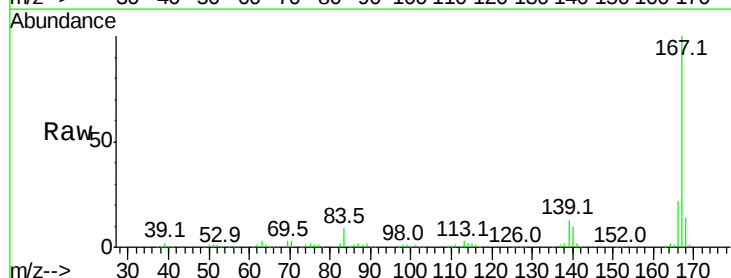
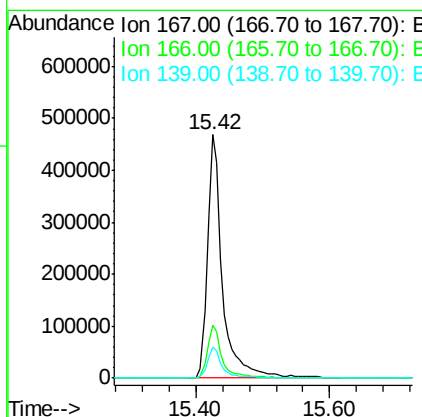
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#72
 Carbazole
 Concen: 45.28 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.86 ng

RT: 15.98 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

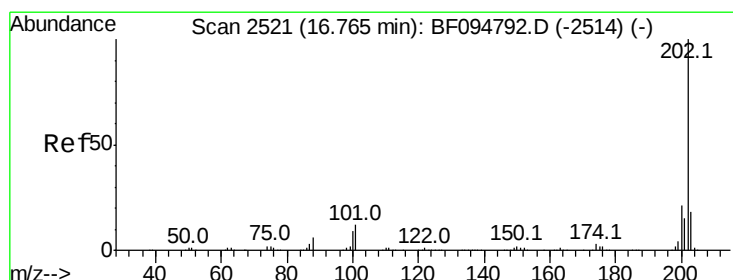
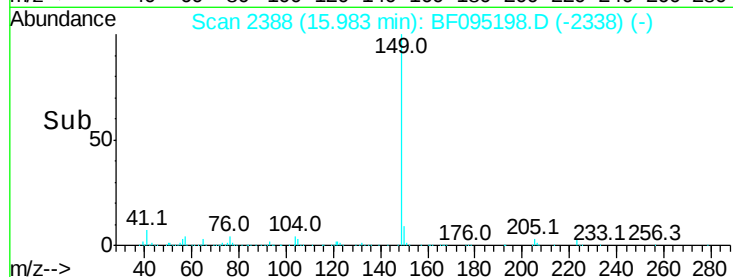
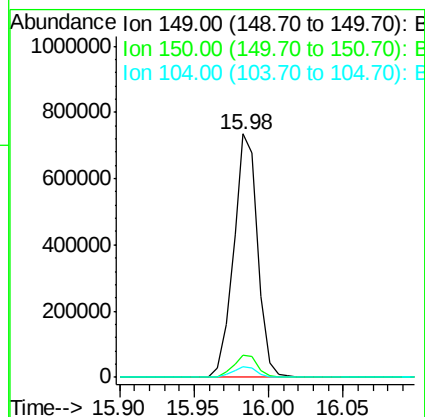
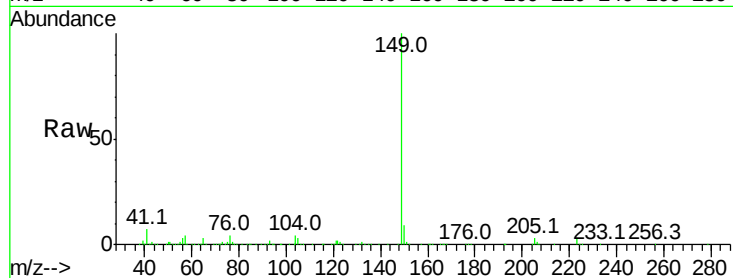
ClientSampleId :

SOUTH-CMSD

Tot Ion:	149	Resp:	826706
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 43.39 ng

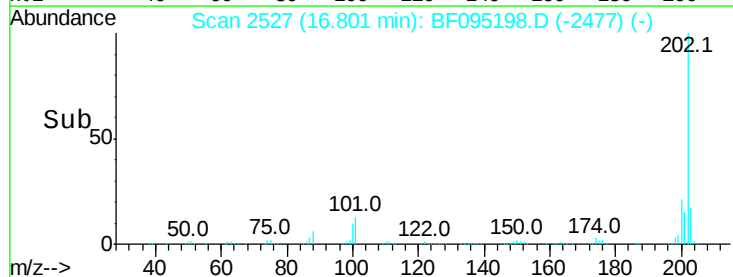
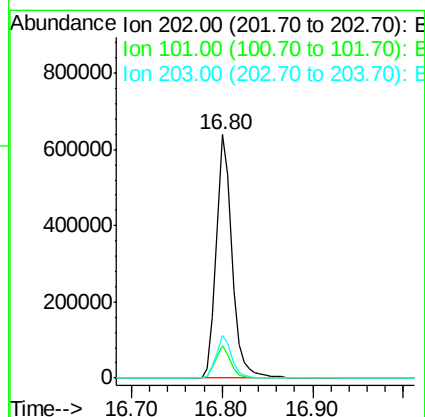
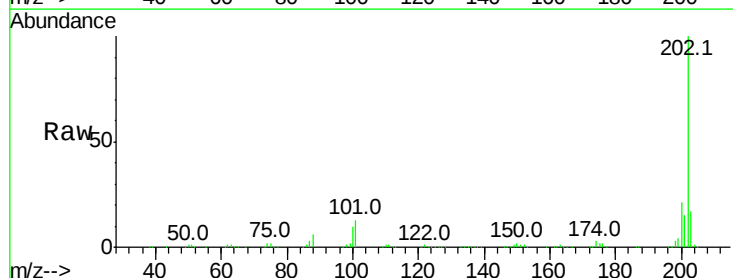
RT: 16.80 min Scan# 2527

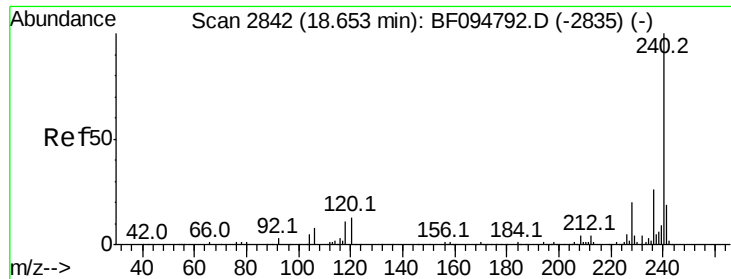
Delta R.T. -0.01 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion:	202	Resp:	776984
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	17.3	0.0	38.1





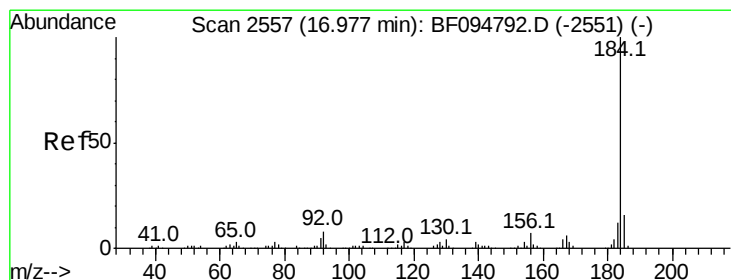
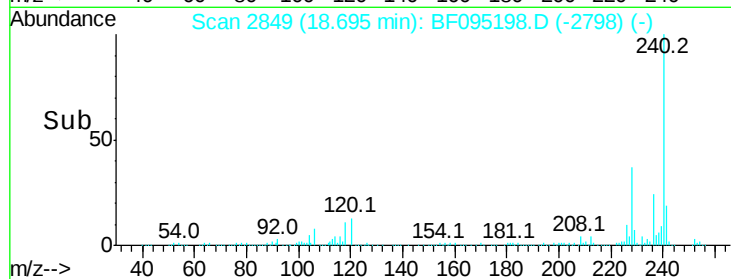
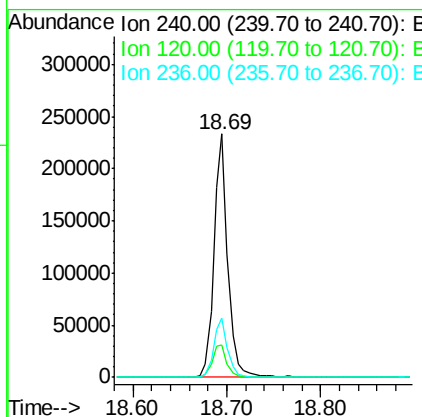
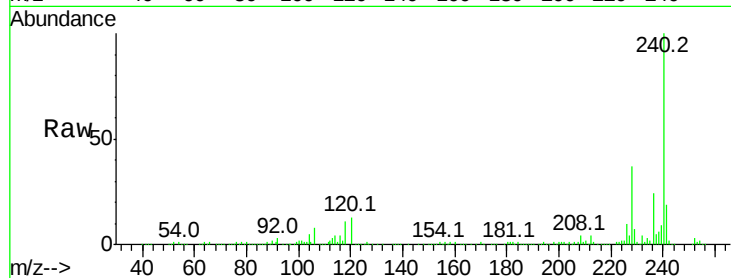
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	24.1	20.5	30.7

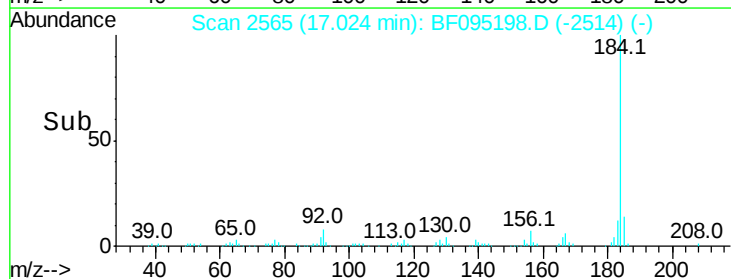
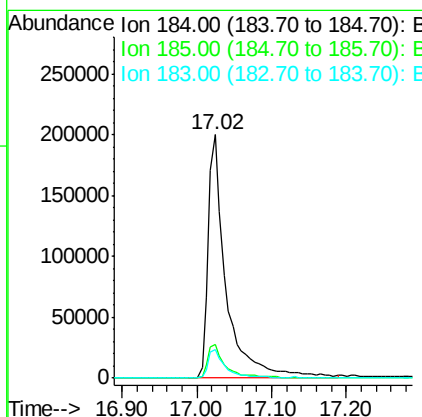
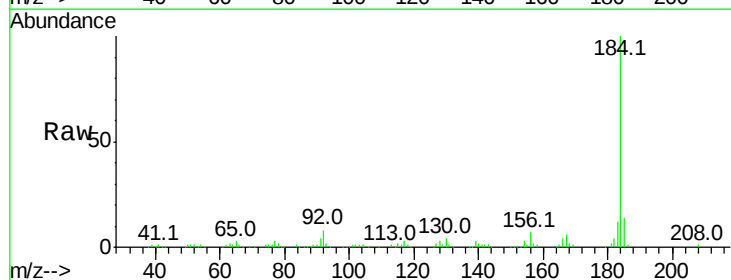
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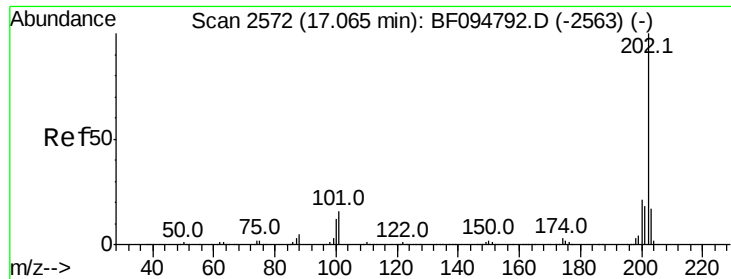
mohammad
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#76
 Benzidine
 Concen: 50.91 ng
 RT: 17.02 min Scan# 2565
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	11.9	9.8	14.6





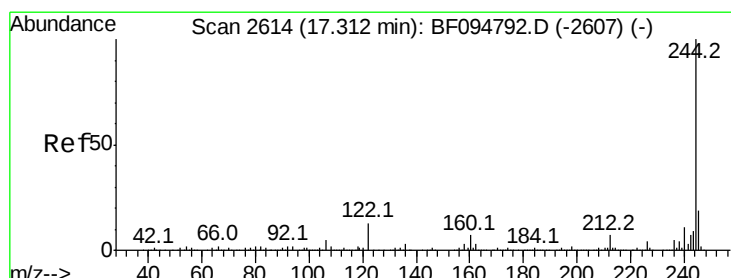
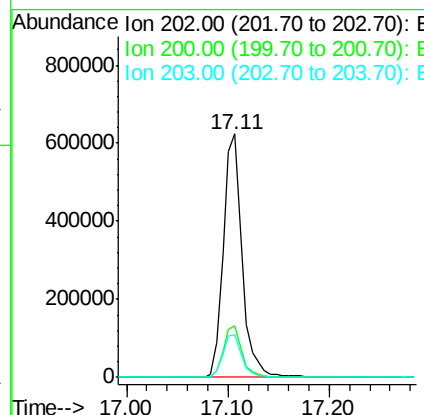
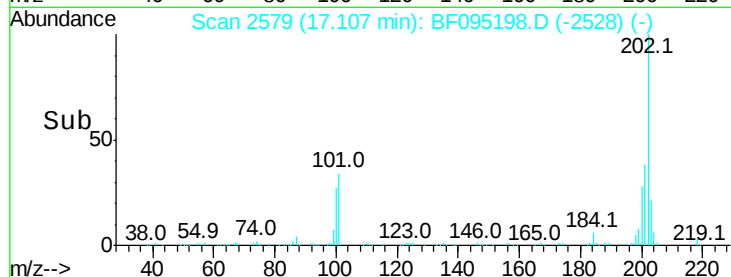
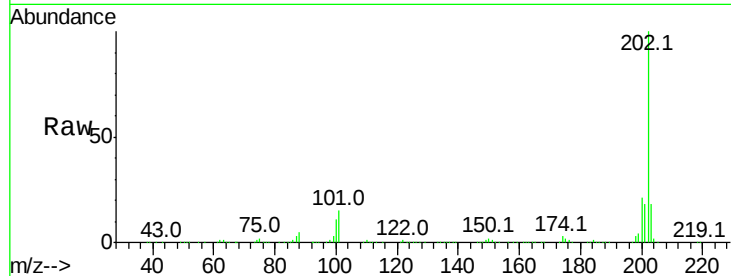
#77
Pvrene
Concen: 43.85 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.7	14.4	21.6

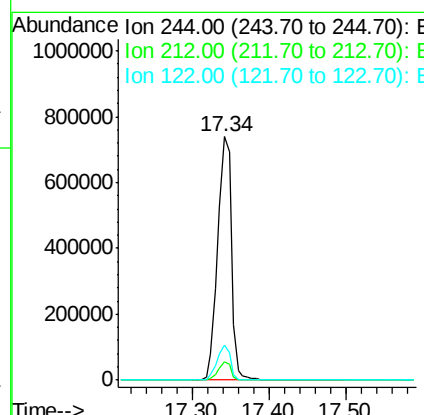
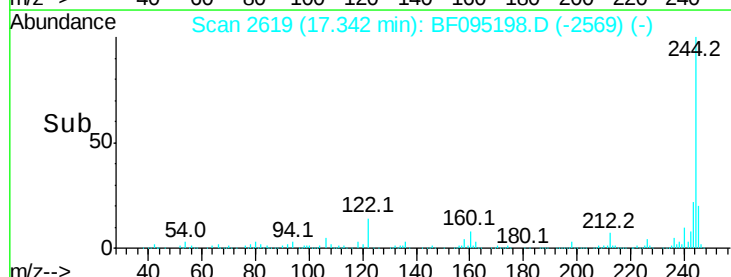
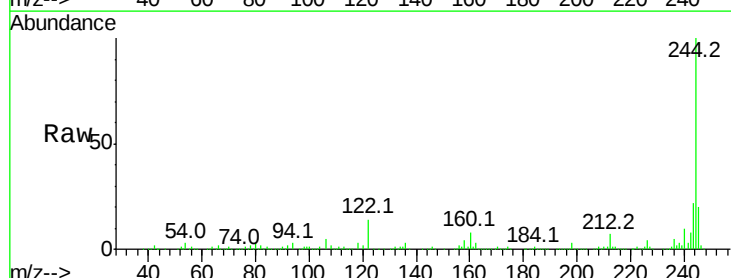
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#78
Terphenyl-d14
Concen: 82.48 ng
RT: 17.34 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.4	10.3	15.5





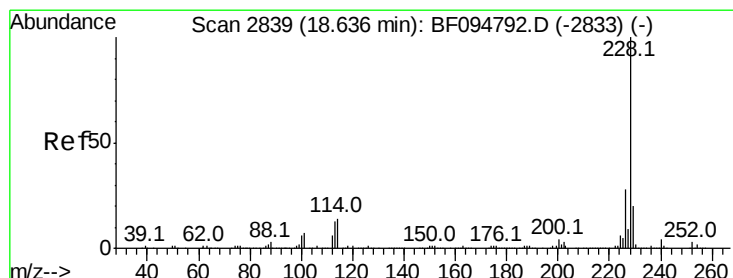
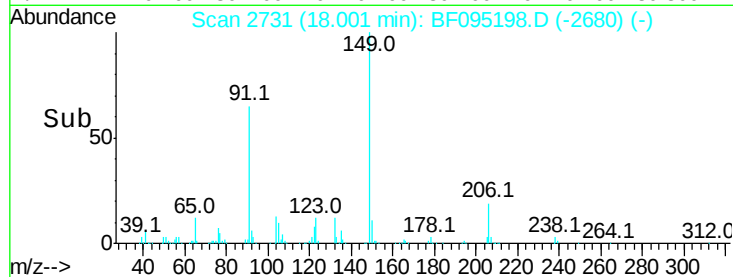
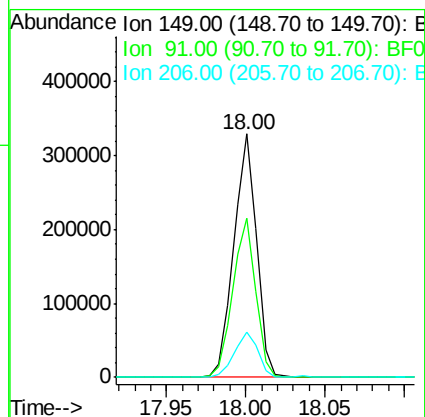
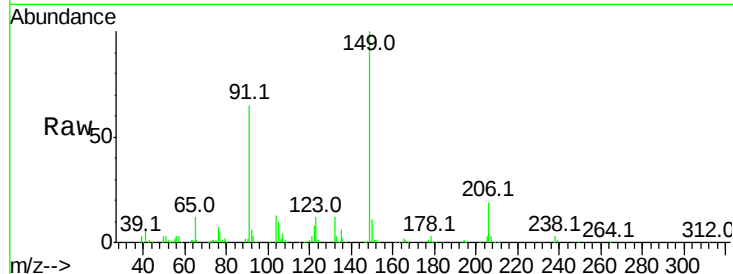
#79
Butylbenzylphthalate
Concen: 38.77 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	328168		
91	65.2	45.0	67.4	
206	18.7	17.0	25.6	

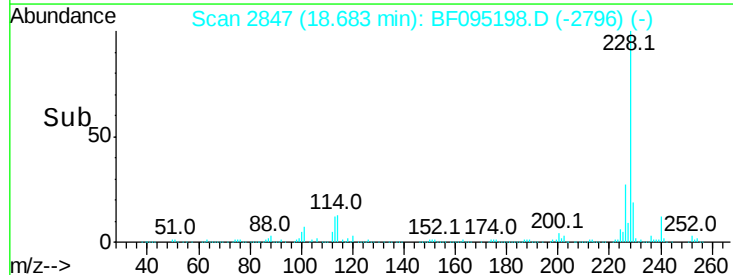
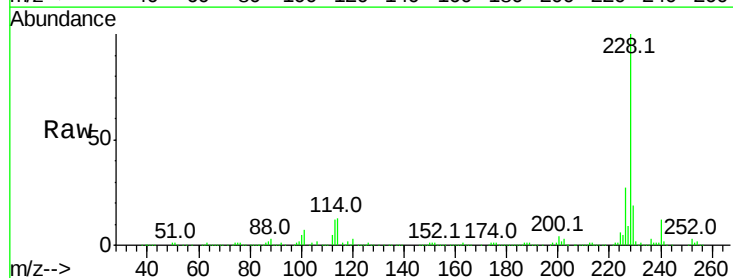
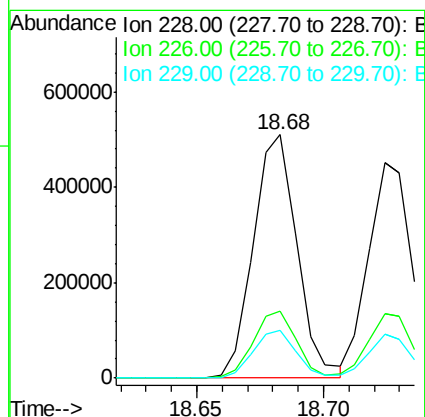
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 43.08 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	610026		
226	27.3	22.6	33.8	
229	19.4	16.3	24.5	





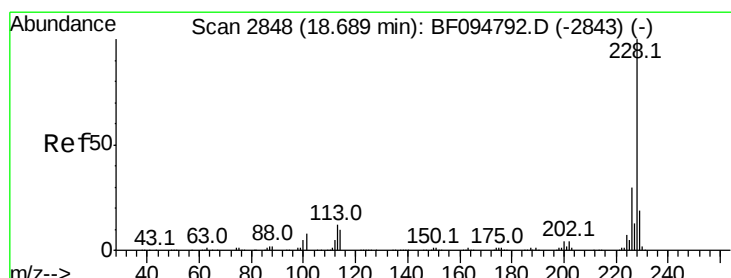
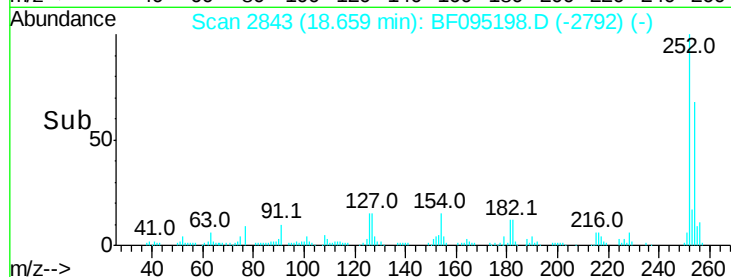
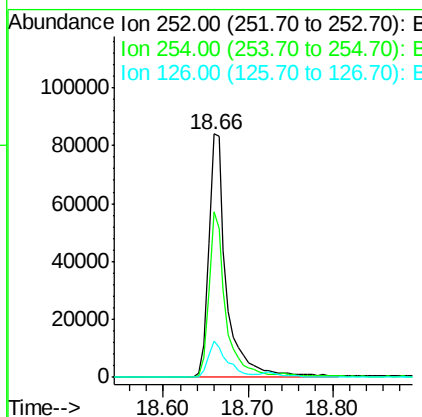
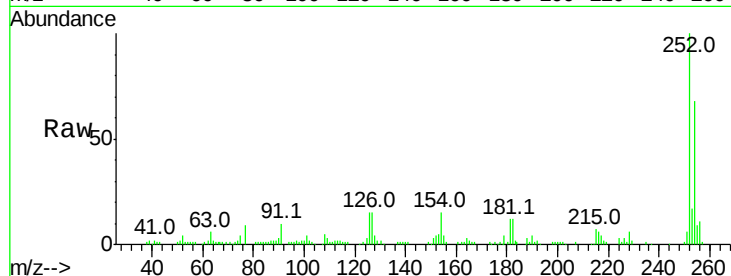
#81
 3,3'-Dichlorobenzidine
 Concen: 25.71 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.8	51.5	77.3
126	15.0	15.8	23.8

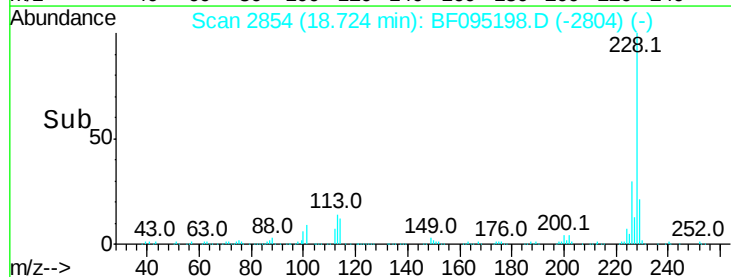
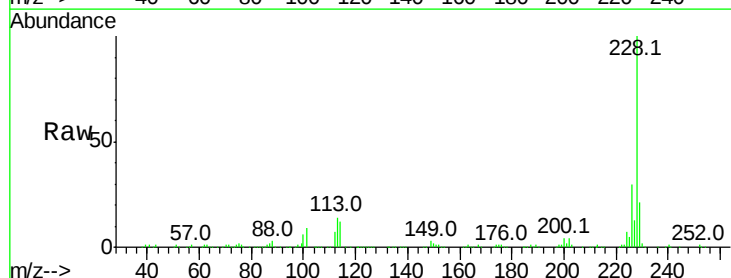
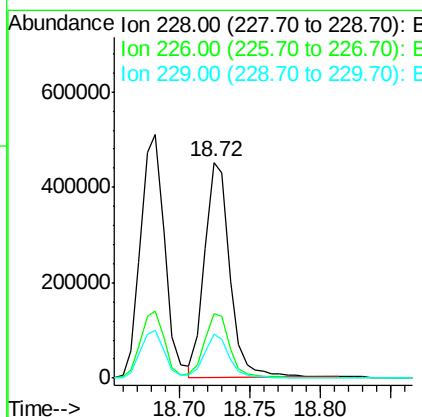
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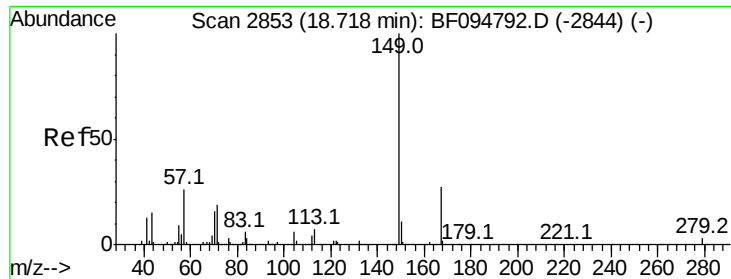
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#82
 Chrysene
 Concen: 40.88 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.6	15.8	23.6





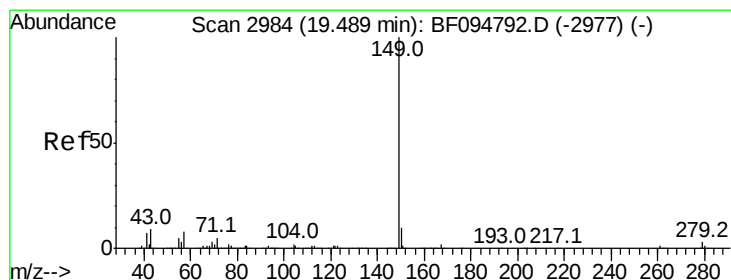
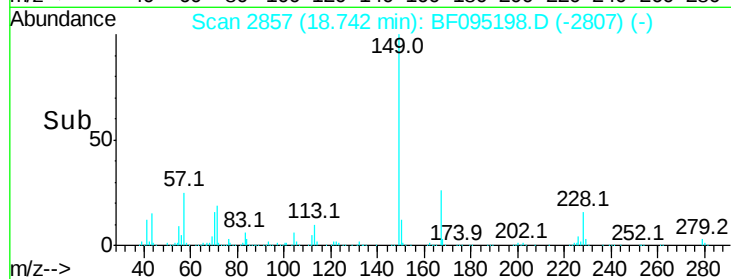
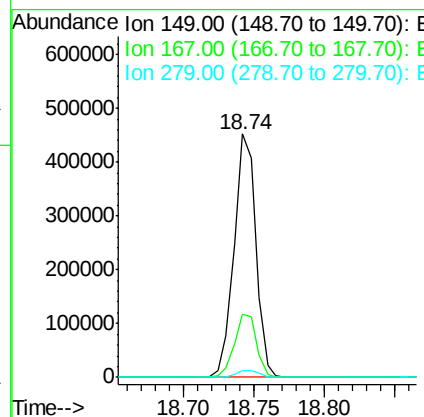
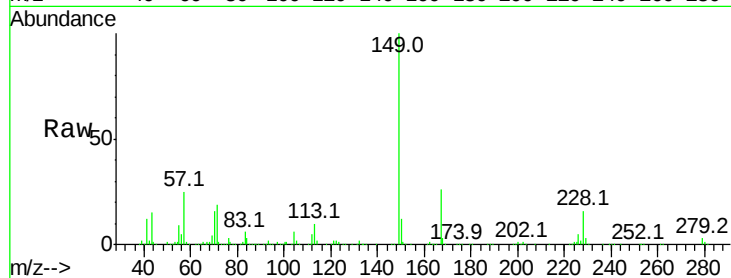
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.29 ng
 RT: 18.74 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	485811		
167	25.7	21.0	31.4	
279	2.8	1.9	2.9	

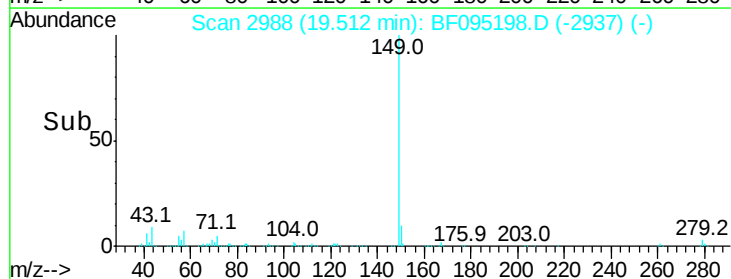
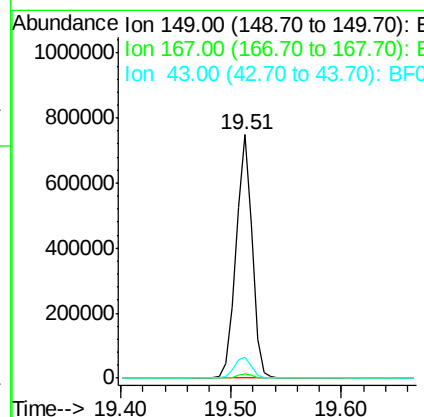
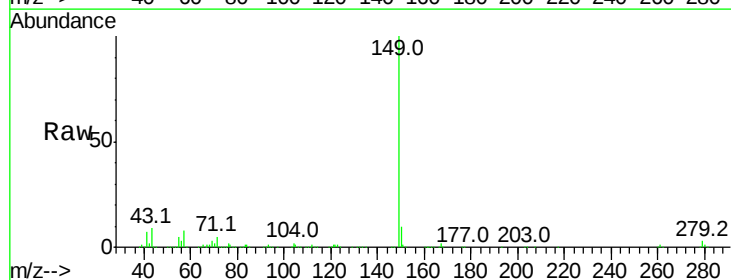
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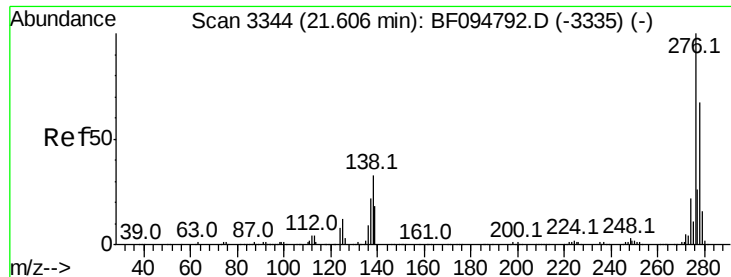
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#84
 Di-n-octyl phthalate
 Concen: 38.62 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	763588		
167	1.6	1.2	1.8	
43	9.1	8.5	12.7	





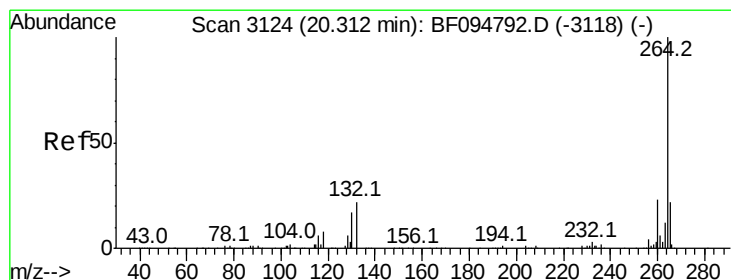
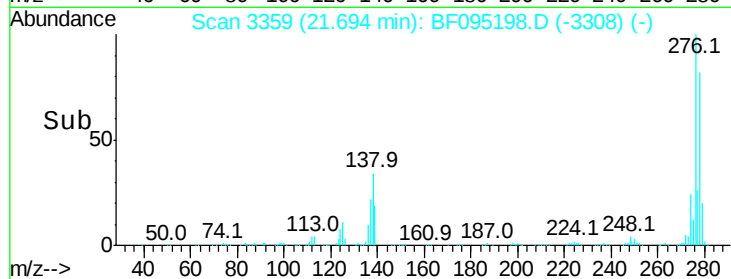
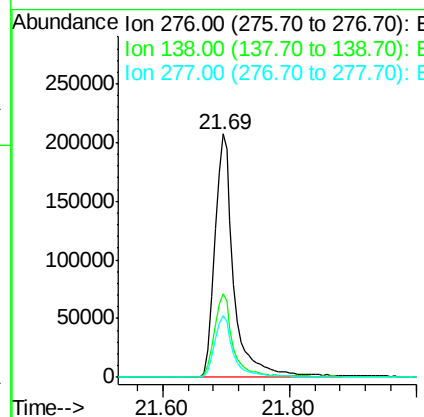
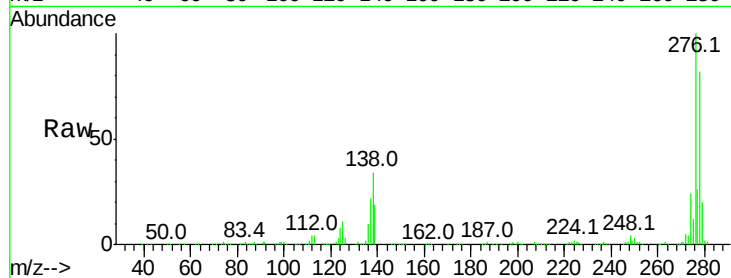
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.60 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.8	41.6
277	25.2	20.2	30.4

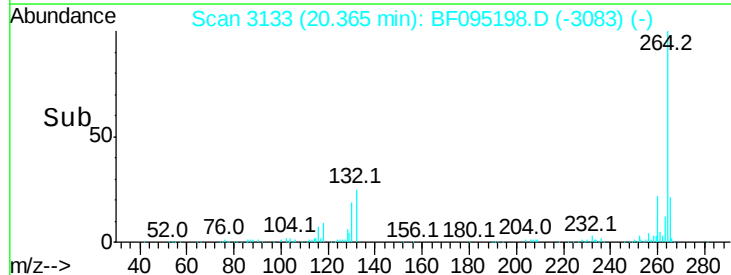
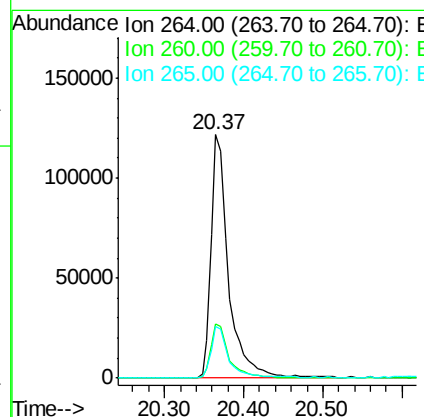
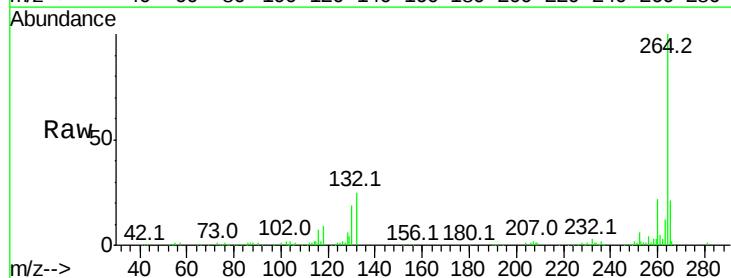
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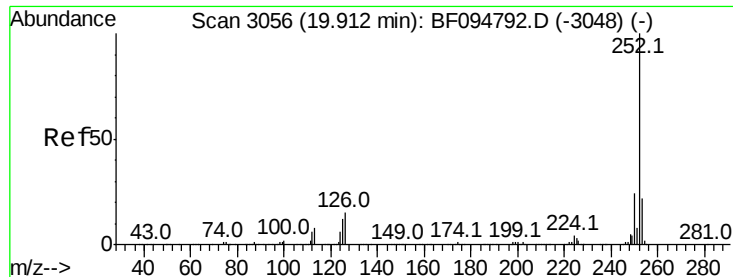
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.32 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Instrument :

BNA_F

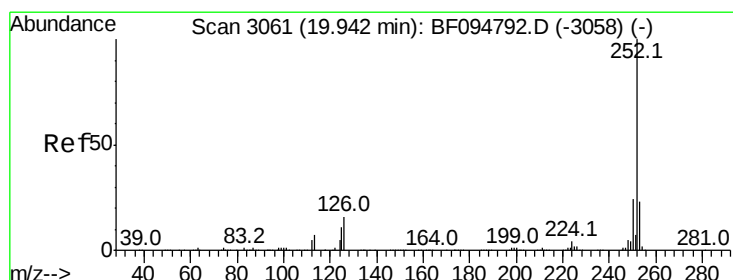
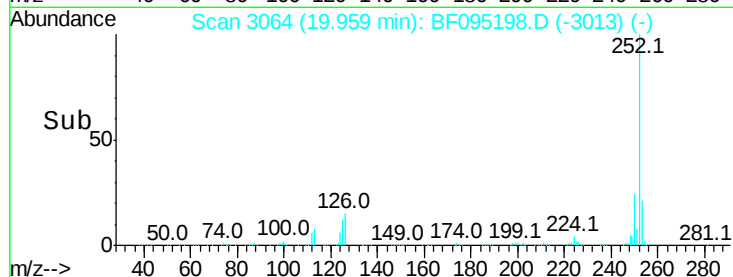
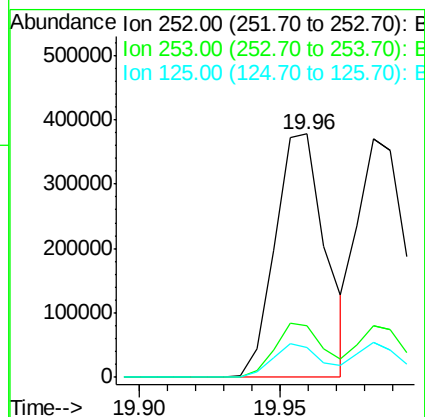
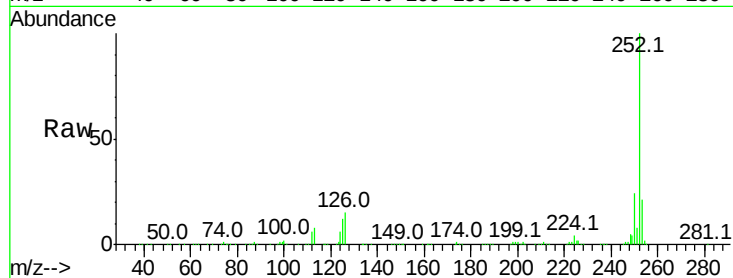
ClientSampleId :

SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	12.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.35 ng

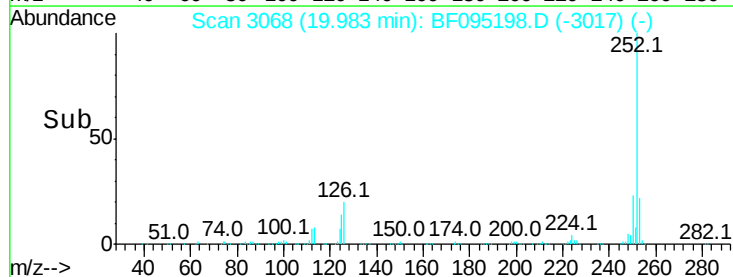
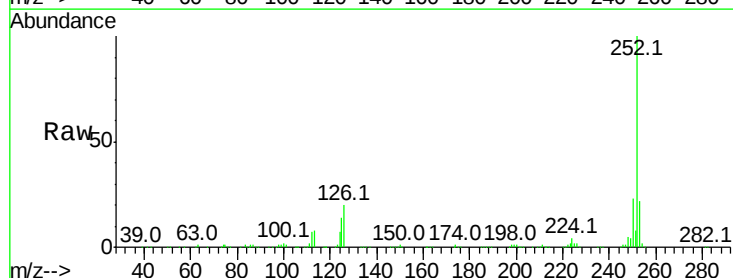
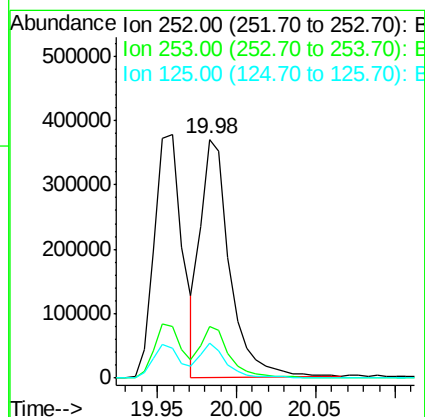
RT: 19.98 min Scan# 3068

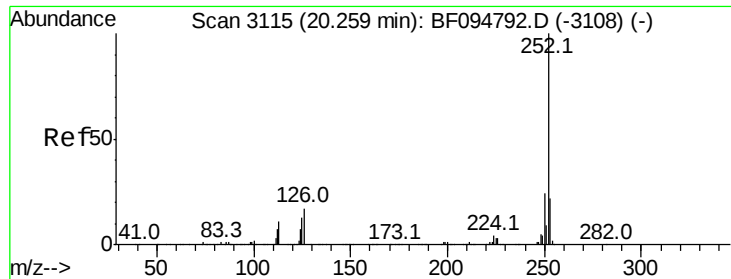
Delta R.T. 0.00 min

Lab File: BF095198.D

Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	14.5	13.1	19.7





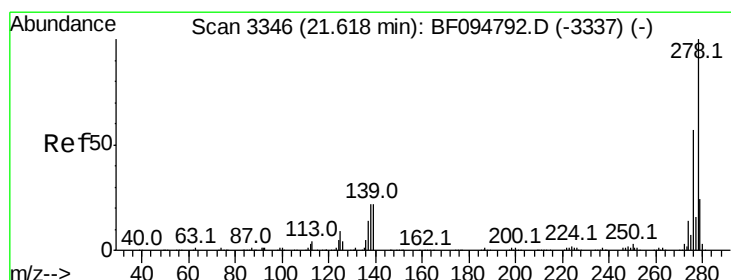
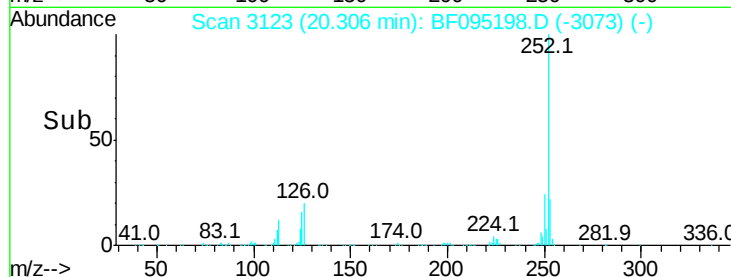
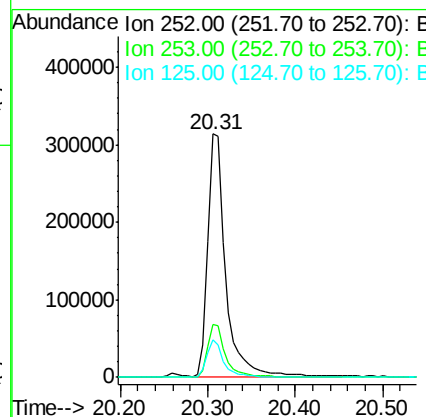
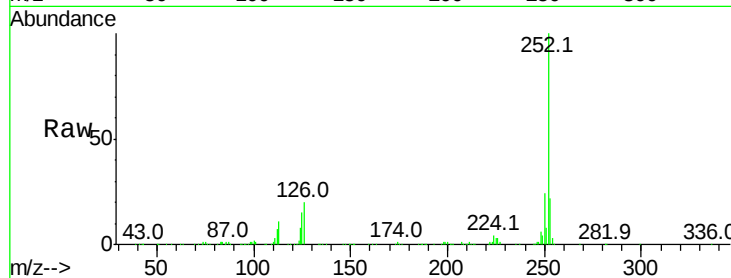
#89
Benzo(a)pyrene
Concen: 42.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.3	11.0	16.4

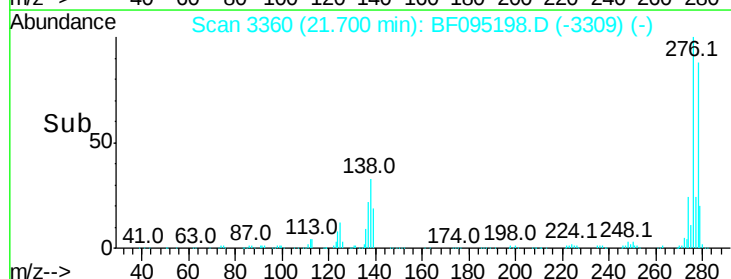
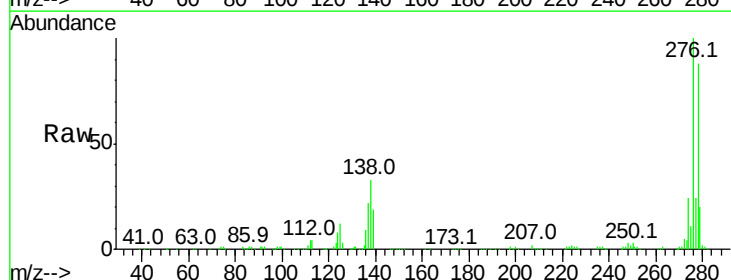
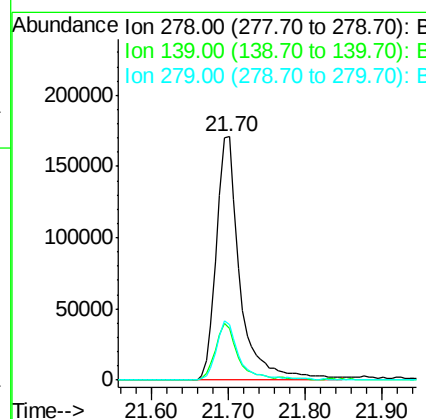
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#90
Dibenzo(a,h)anthracene
Concen: 41.10 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095198.D
Acq: 17 May 2017 22:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	24.8
279	23.0	19.3	28.9





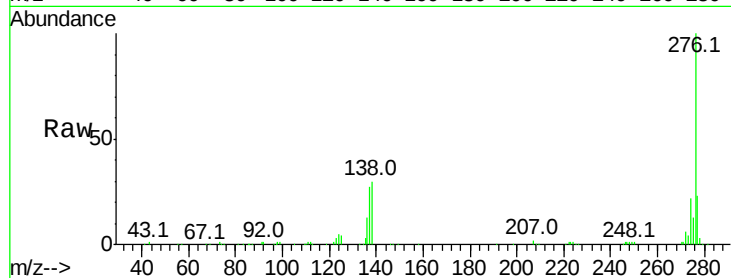
#91
 Benzo(a,h,i)perylene
 Concen: 43.94 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: BF095198.D
 Acq: 17 May 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	29.6	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

