

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094984.D
 Acq On : 8 May 2017 17:22
 Operator : SJ/MA
 Sample : PB98770BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Manual Integrations
 APPROVED

mohammad
 5/9/2017 5:02:26 PM

Quant Time: May 08 19:03:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	93499	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	375812	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	172314	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	308958	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	277875	20.00	ng	-0.01
86) Perylene-d12	20.30	264	208689	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	715153	127.52	ng	0.00
7) Phenol-d6	7.27	99	921481	136.94	ng	-0.01
23) Nitrobenzene-d5	8.62	82	535097	89.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	198240	140.48	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1067332	89.15	ng	-0.02
78) Terphenyl-d14	17.29	244	1015682	80.51	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	89979	32.71	ng	93
3) Pyridine	2.82	79	226061	35.46	ng	97
4) n-Nitrosodimethylamine	2.74	42	105157	39.58	ng	85
6) Aniline	7.22	93	314232	36.99	ng	96
8) 2-Chlorophenol	7.41	128	286959	44.96	ng	96
9) Benzaldehyde	7.05	77	30093	7.32	ng	94
10) Phenol	7.28	94	324845	45.81	ng	90
11) bis(2-Chloroethyl)ether	7.35	93	248292	42.42	ng	95
12) 1,3-Dichlorobenzene	7.62	146	301622	41.66	ng	98
13) 1,4-Dichlorobenzene	7.75	146	312405	42.54	ng	98
14) 1,2-Dichlorobenzene	7.98	146	290189	42.34	ng	96
15) Benzyl Alcohol	8.00	79	225344	52.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	331048	39.96	ng	# 38
17) 2-Methylphenol	8.21	107	231368	44.29	ng	# 90
18) Hexachloroethane	8.50	117	102720	41.29	ng	# 86
19) n-Nitroso-di-n-propylamine	8.42	70	191385	42.05	ng	96
20) 3+4-Methylphenols	8.47	107	311301	43.86	ng	# 60
22) Acetophenone	8.39	105	398734	44.22	ng	# 84
24) Nitrobenzene	8.65	77	276457	44.26	ng	92
25) Isophorone	9.05	82	483317	45.42	ng	95
26) 2-Nitrophenol	9.15	139	158061	46.89	ng	98
27) 2,4-Dimethylphenol	9.29	122	250047	45.88	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	306376	41.62	ng	99
29) 2,4-Dichlorophenol	9.57	162	233436	45.36	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	236257	42.85	ng	98
31) Naphthalene	9.77	128	804855	42.61	ng	100
32) Benzoic acid	9.61	122	152280	43.13	ng	98
33) 4-Chloroaniline	9.92	127	121751	17.30	ng	# 91
34) Hexachlorobutadiene	9.99	225	118075	40.59	ng	98
35) Caprolactam	10.53	113	76227m	49.33	ng	
36) 4-Chloro-3-methylphenol	10.77	107	245909	44.70	ng	92
37) 2-Methylnaphthalene	10.90	142	566183	45.67	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	223664	42.21	ng	99
40) Hexachlorocyclopentadiene	11.15	237	186013	83.23	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	161091	45.53	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	166956	43.90	nq	92
45) 1,1'-Biphenyl	11.66	154	634575	43.74	nq	96
46) 2-Chloronaphthalene	11.68	162	503118	42.95	nq	95
47) 2-Nitroaniline	11.89	65	143421	44.73	nq	# 77
48) Acenaphthylene	12.34	152	819379	44.66	nq	99
49) Dimethylphthalate	12.21	163	594194	42.00	nq	99
50) 2,6-Dinitrotoluene	12.30	165	136130	47.17	nq	97
51) Acenaphthene	12.62	154	480093	43.81	nq	100
52) 3-Nitroaniline	12.57	138	87978	28.40	nq	94
53) 2,4-Dinitrophenol	12.77	184	137682	86.10	nq	# 68
54) Dibenzofuran	12.91	168	737127	48.60	nq	98
55) 4-Nitrophenol	12.95	139	196611	105.68	nq	# 77
56) 2,4-Dinitrotoluene	12.97	165	185179	49.94	nq	# 89
57) Fluorene	13.46	166	592775	44.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	131614	54.99	nq	# 95
59) Diethylphthalate	13.36	149	591641	43.64	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	260101	44.88	nq	95
61) 4-Nitroaniline	13.58	138	140671	49.47	nq	95
62) Azobenzene	13.74	77	553554	50.81	nq	96
64) 4,6-Dinitro-2-methylphenol	13.63	198	96580	46.63	nq	# 65
65) n-Nitrosodiphenylamine	13.70	169	509909	45.47	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	144153	44.16	nq	100
67) Hexachlorobenzene	14.35	284	149023	44.55	nq	# 86
68) Atrazine	14.62	200	160294	50.63	nq	99
69) Pentachlorophenol	14.71	266	130641	85.91	nq	98
70) Phenanthrene	15.01	178	830019	46.76	nq	98
71) Anthracene	15.09	178	867114	47.82	nq	98
72) Carbazole	15.37	167	815472	49.43	nq	98
73) Di-n-butylphthalate	15.94	149	973731	47.33	nq	99
74) Fluoranthene	16.75	202	873953	47.99	nq	99
76) Benzidine	16.97	184	410511	53.71	nq	# 93
77) Pyrene	17.05	202	882036	42.44	nq	99
79) Butylbenzylphthalate	17.95	149	424748	43.94	nq	88
80) Benzo(a)anthracene	18.62	228	738282	45.65	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	149808	26.82	nq	# 95
82) Chrysene	18.67	228	691863	44.24	nq	98
83) Bis(2-ethylhexyl)phthalate	18.70	149	582838	42.32	nq	# 100
84) Di-n-octyl phthalate	19.47	149	991886	43.93	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	546386	43.03	nq	99
87) Benzo(b)fluoranthene	19.90	252	650647	50.46	nq	98
88) Benzo(k)fluoranthene	19.92	252	615686	49.50	nq	96
89) Benzo(a)pyrene	20.25	252	573970	48.24	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	458362	46.64	nq	98
91) Benzo(g,h,i)perylene	21.97	276	456631	47.35	nq	97

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

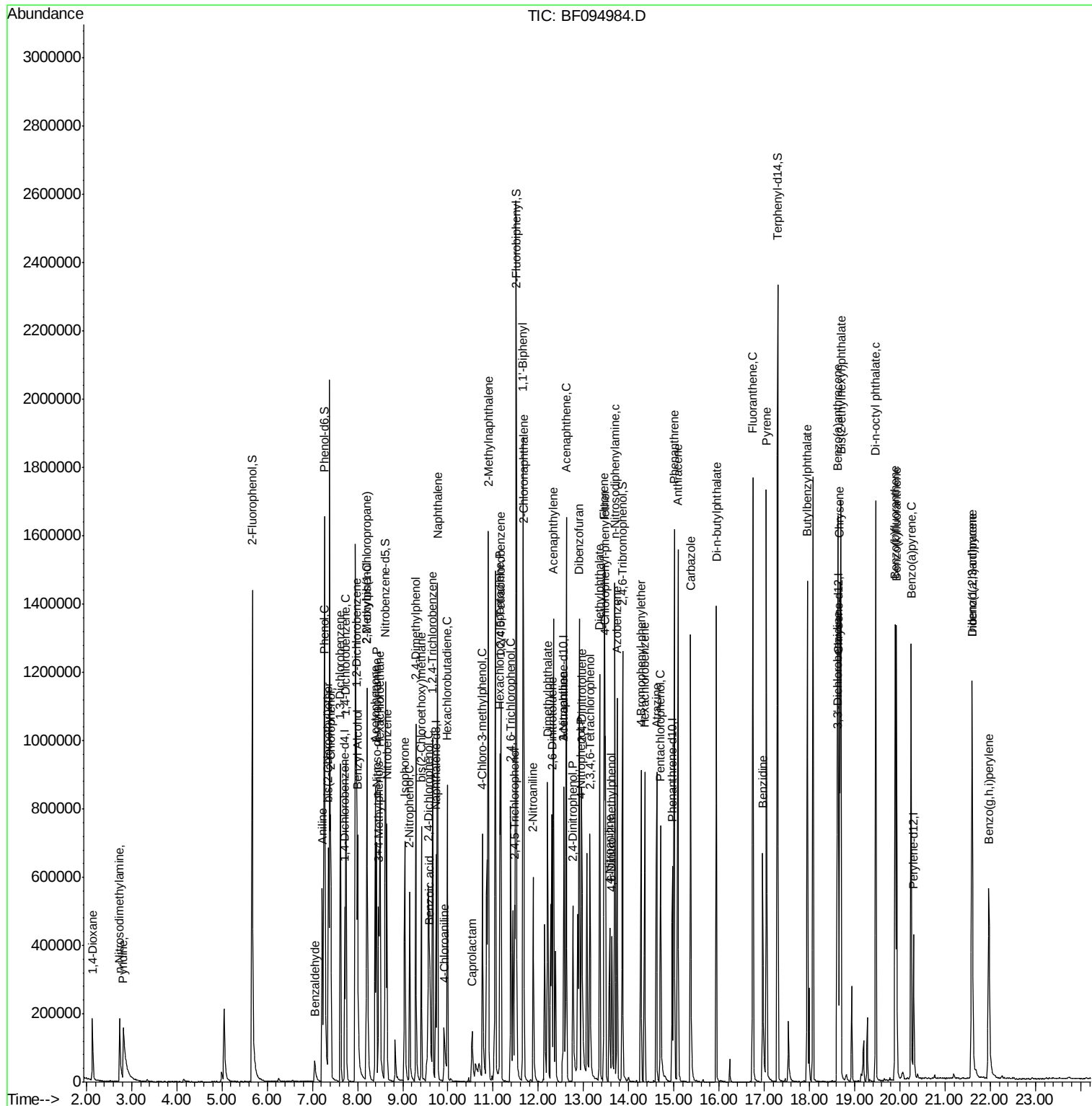
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Operator  : SJ/MA
Sample    : PB98770BS
Misc      :
ALS Vial  : 3 Sample Multiplier: 1
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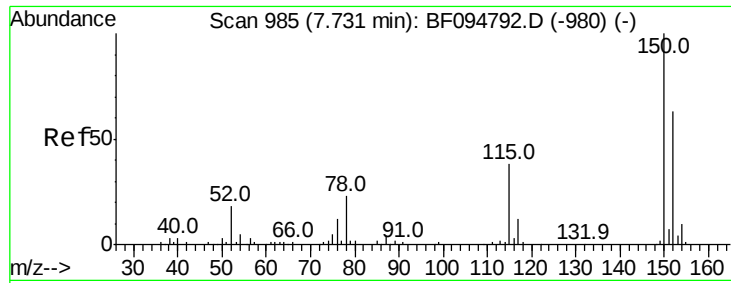
Instrument :
BNA_F
ClientSampleId :
PB98770BS

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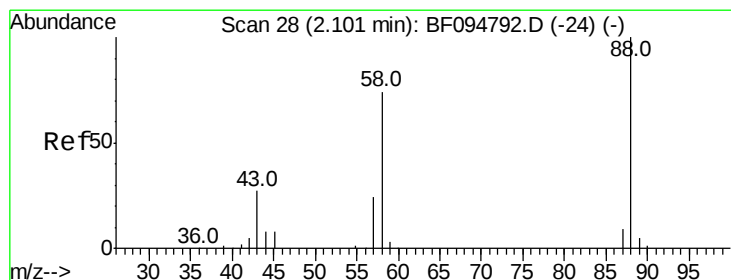
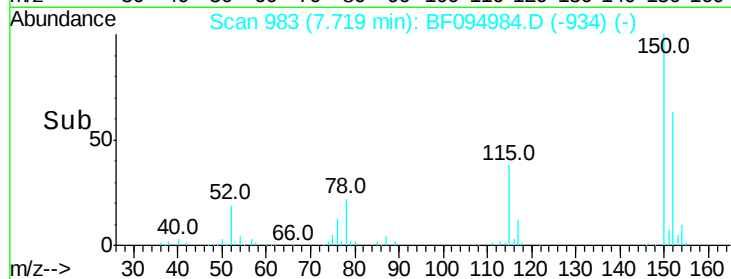
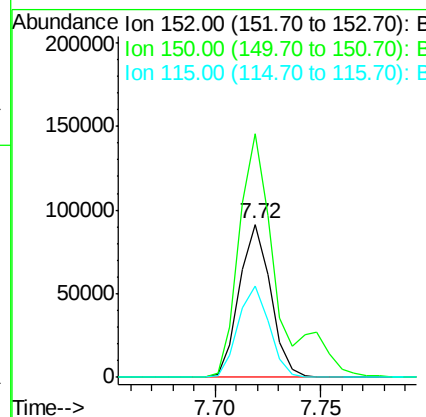
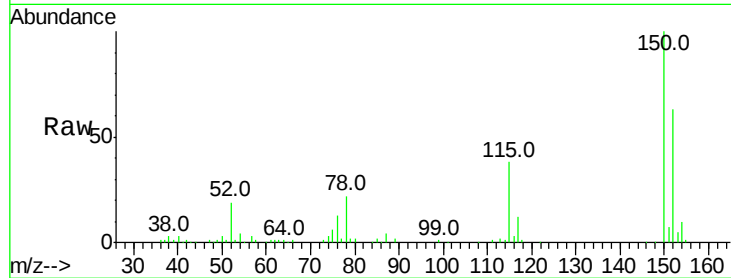
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	59.9	52.2	78.2

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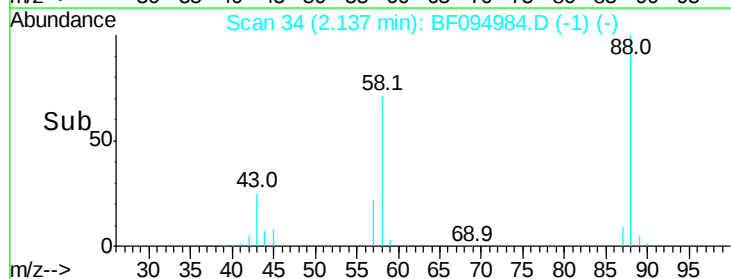
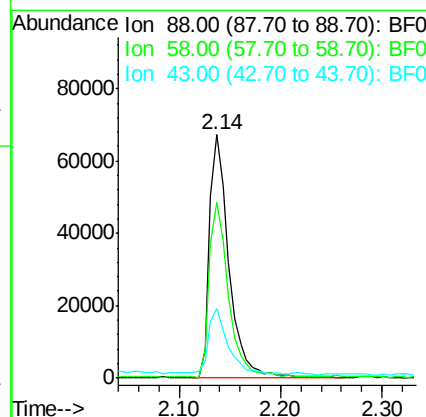
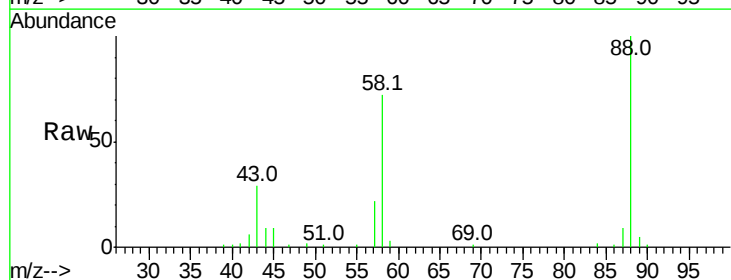
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#2

1,4-Dioxane
Concen: 32.71 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	61.4	92.0
43	26.2	23.4	35.0





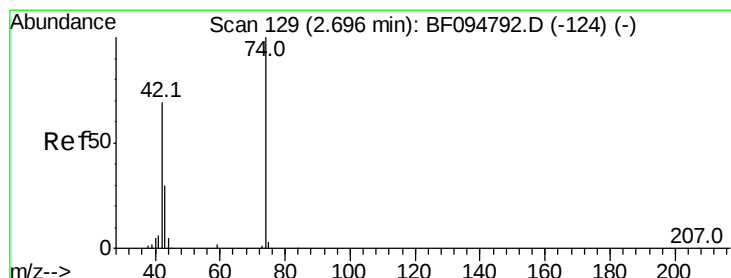
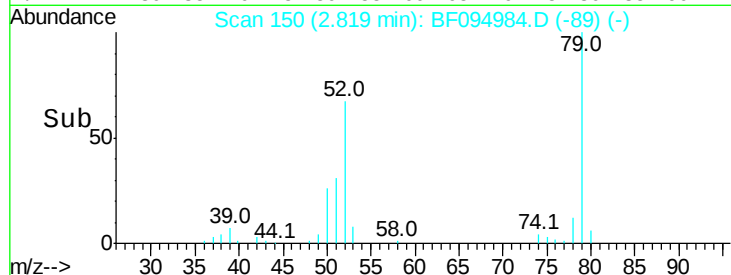
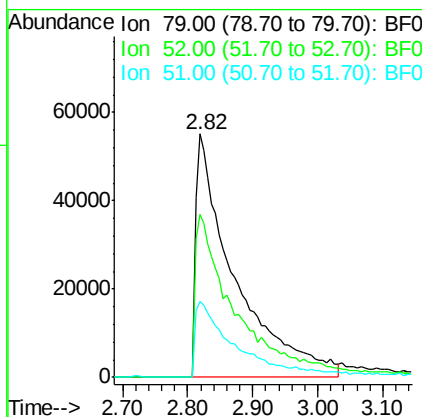
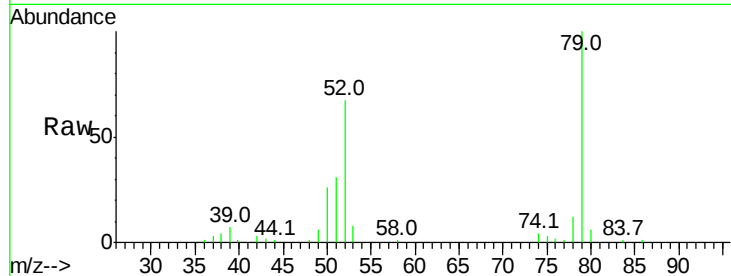
#3
 Pvridine
 Concen: 35.46 ng
 RT: 2.82 min Scan# 150
 Delta R.T. 0.06 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	67.0	54.8	82.2
51	51	31.3	27.0	40.4

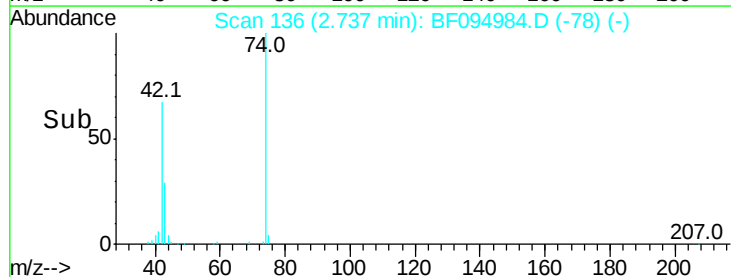
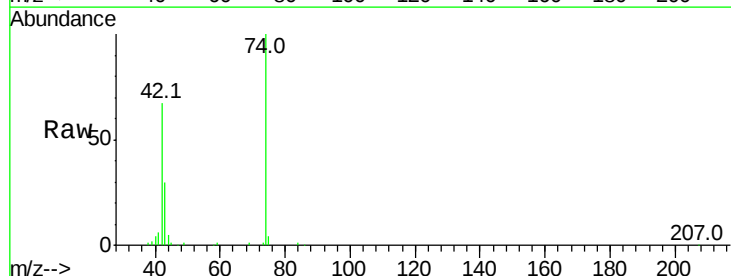
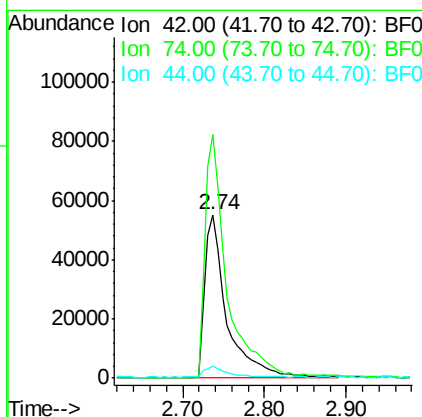
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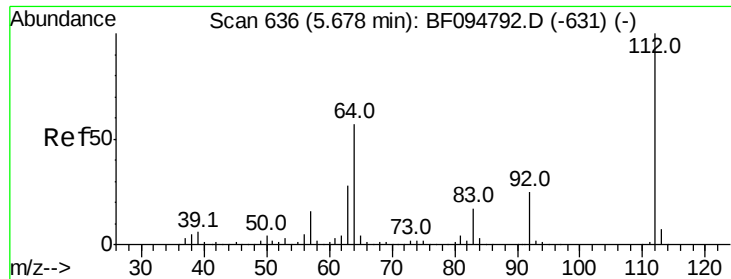
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#4
 n-Nitrosodimethylamine
 Concen: 39.58 ng
 RT: 2.74 min Scan# 136
 Delta R.T. 0.04 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	148.8	103.9	155.9
44	44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 127.52 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

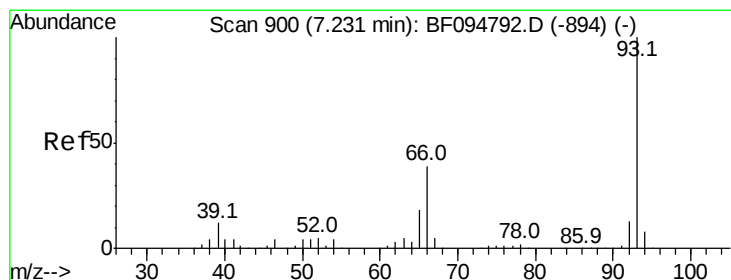
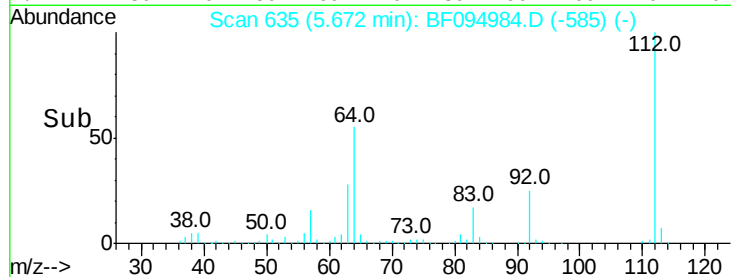
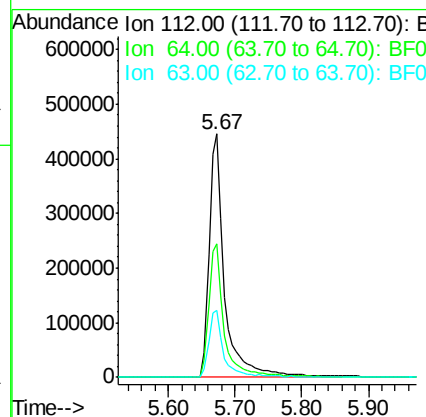
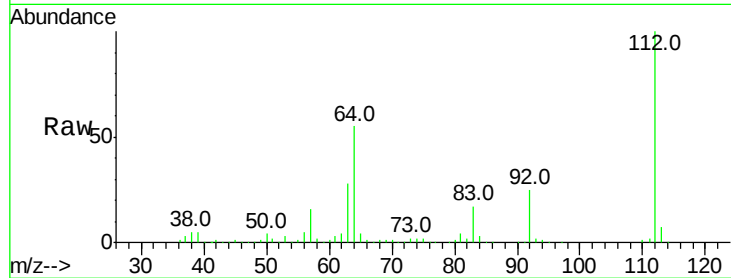
ClientSampleId :

PB98770BS

Tot Ion:	112	Resp:	715153
Ion Ratio	Lower	Upper	
112	100		
64	54.6	46.0	69.0
63	27.6	23.4	35.0

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#6

Aniline

Concen: 36.99 ng

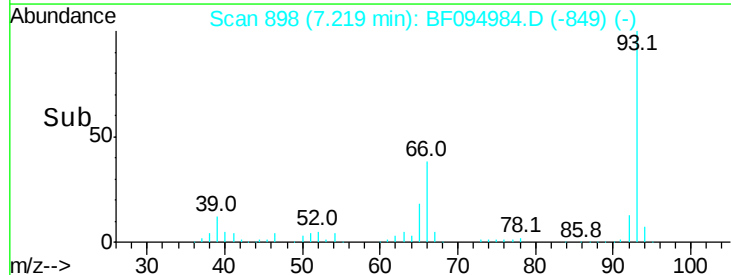
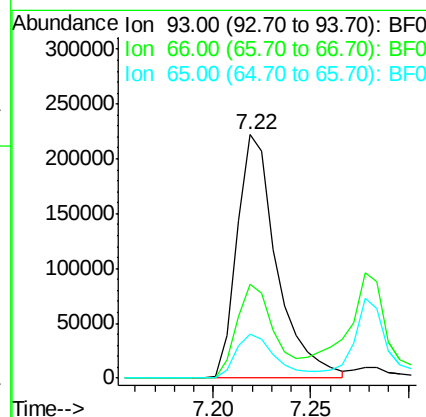
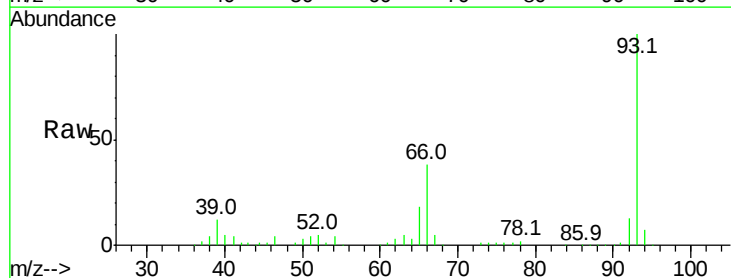
RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	93	Resp:	314232
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 136.94 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

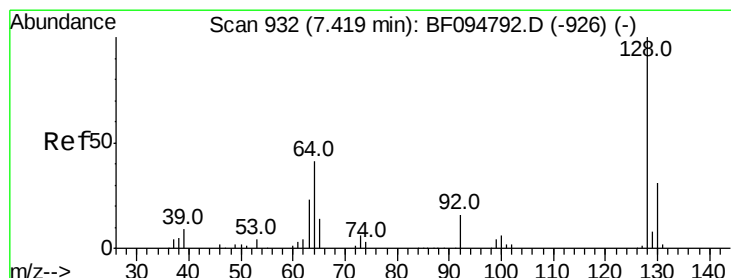
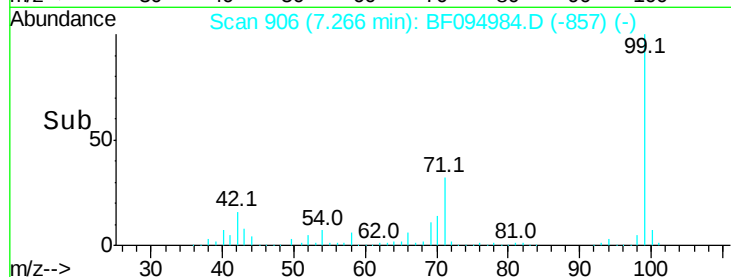
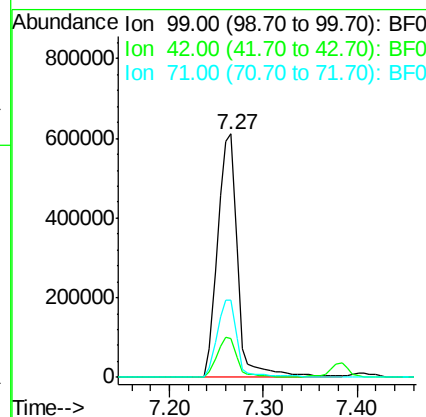
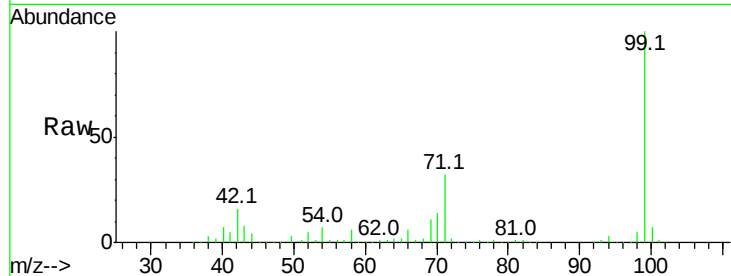
ClientSampleId :

PB98770BS

Tot Ion:	99	Resp:	921481
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 44.96 ng

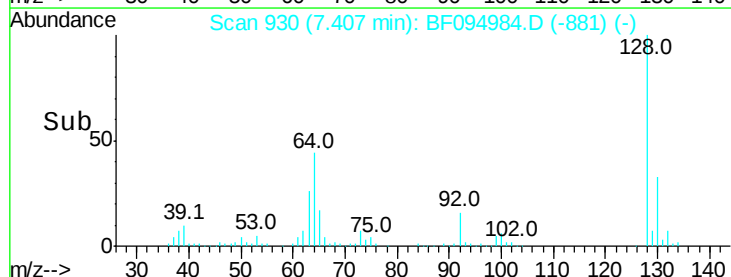
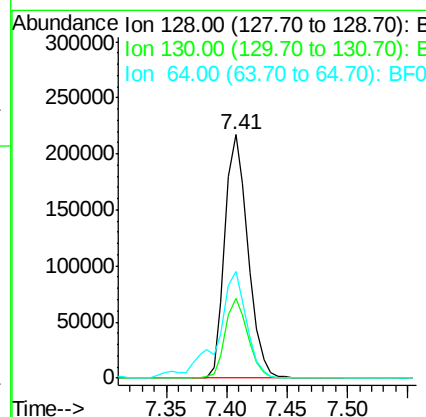
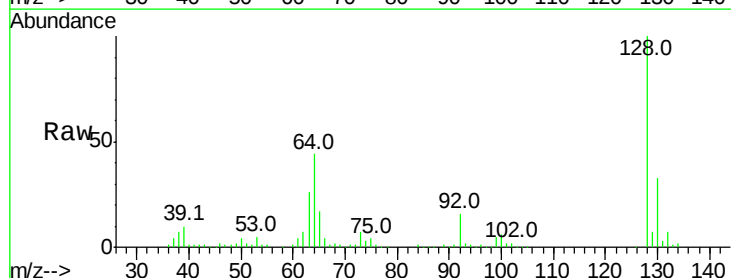
RT: 7.41 min Scan# 930

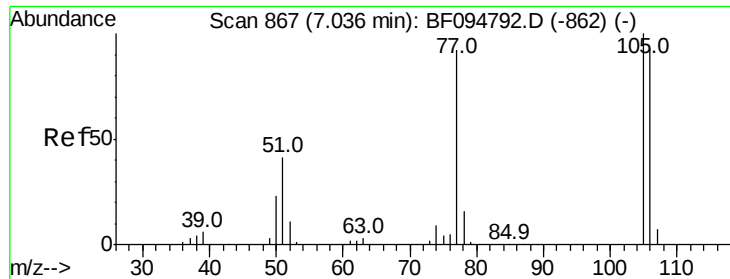
Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	128	Resp:	286959
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	43.9	28.4	68.4





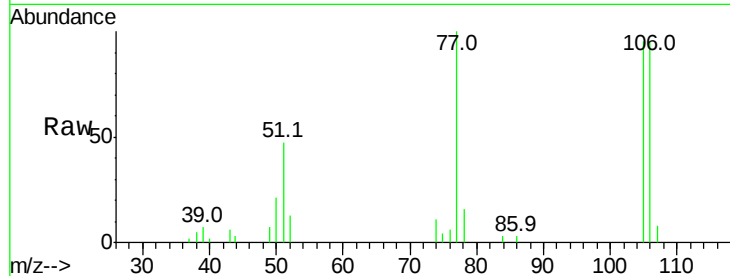
#9
Benzaldehyde
Concen: 7.32 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

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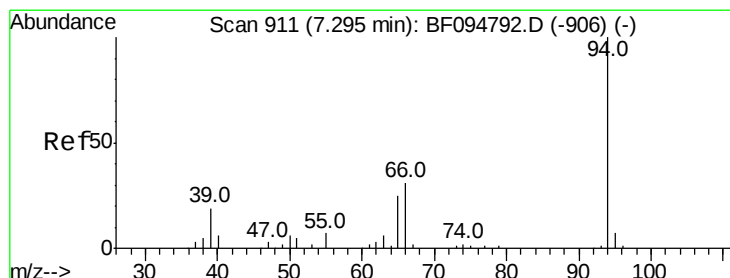
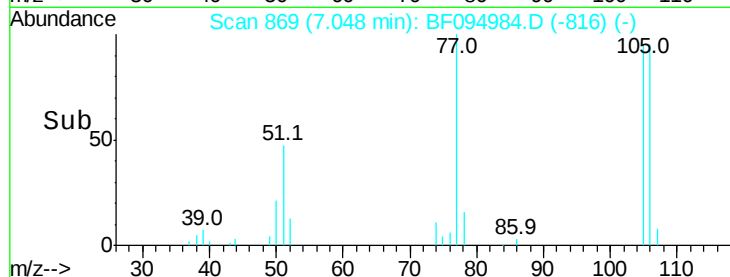
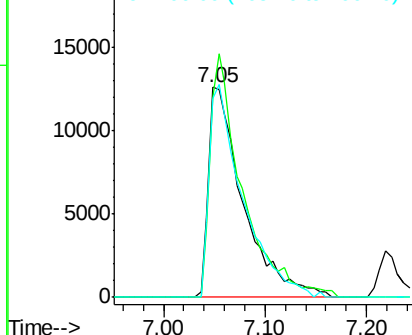
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	83.8	123.8
106	94.7	79.1	119.1

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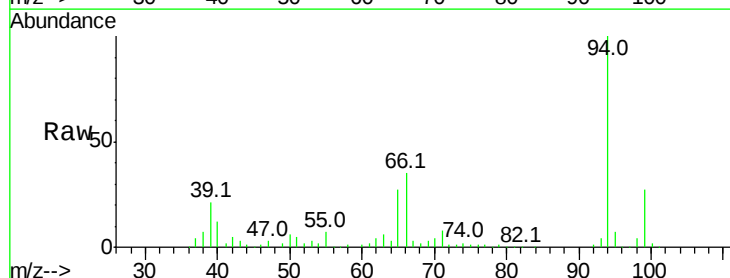


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

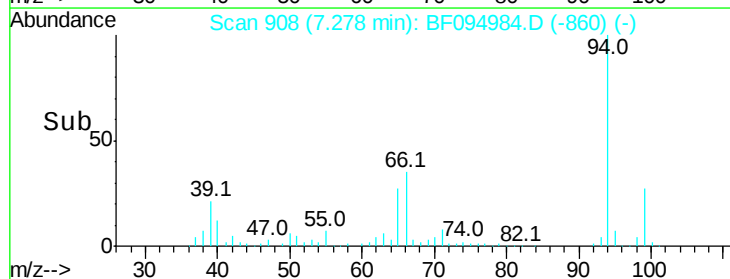
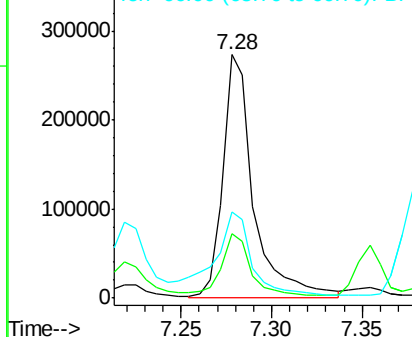


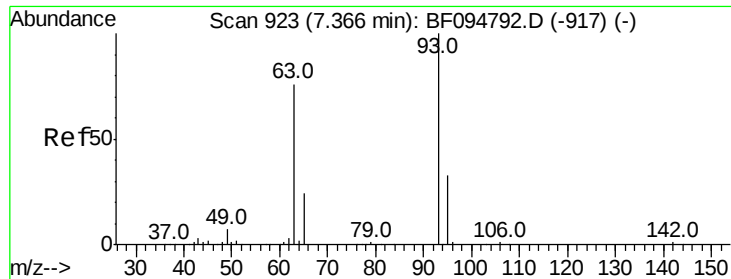
#10
Phenol
Concen: 45.81 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	35.3	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





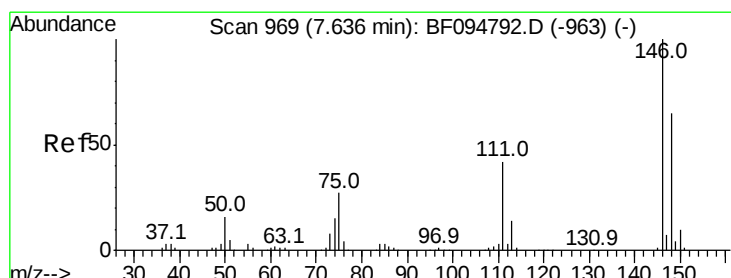
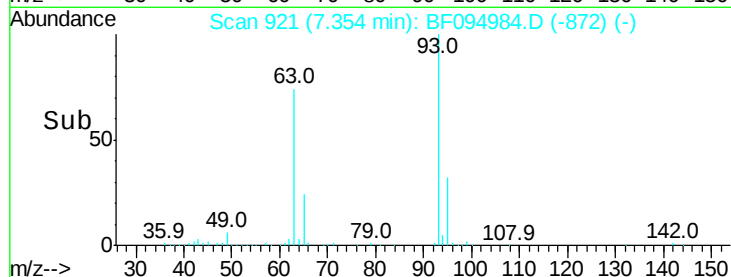
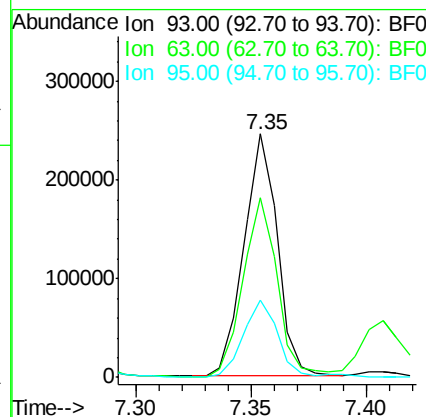
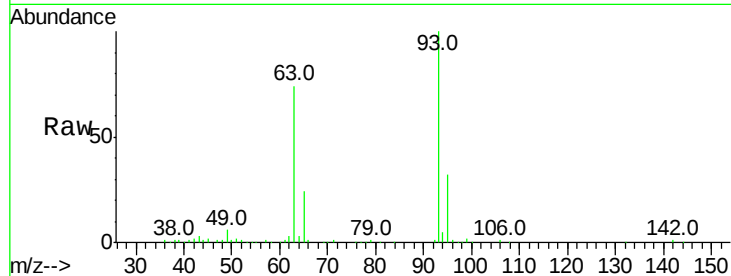
#11
bis(2-Chloroethyl)ether
Concen: 42.42 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	248292		
63	73.8	59.2	99.2	
95	31.9	12.8	52.8	

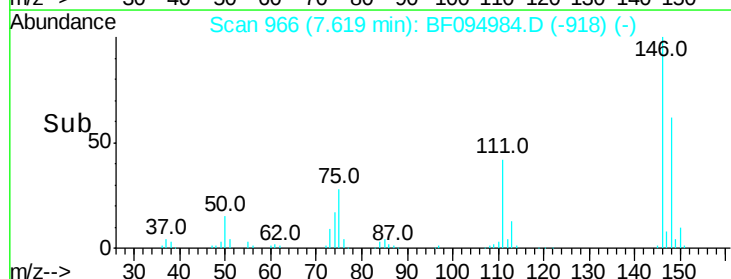
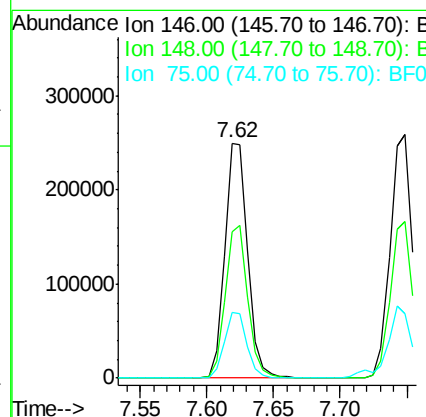
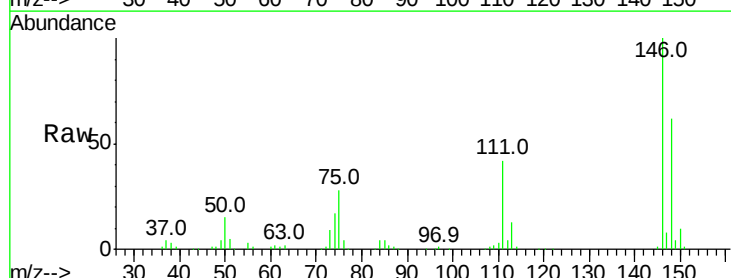
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APPROVED

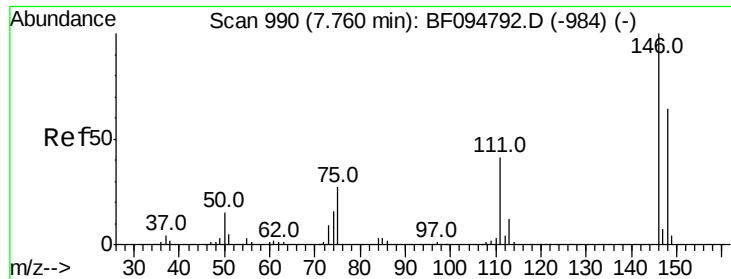
mohammad
5/9/2017 5:02:26 PM



#12
1,3-Dichlorobenzene
Concen: 41.66 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	301622		
148	62.5	51.8	77.6	
75	28.2	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 42.54 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

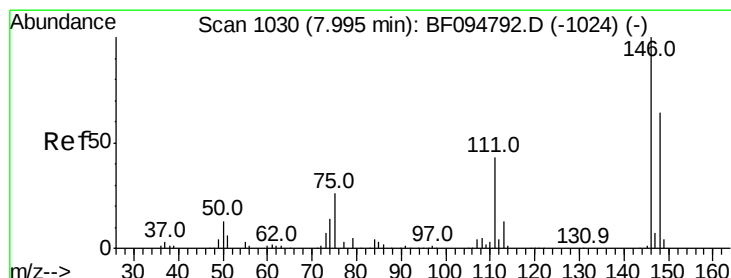
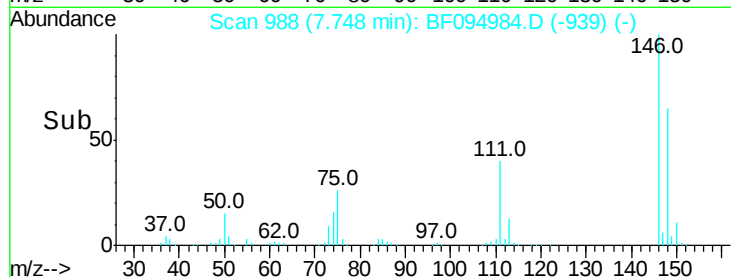
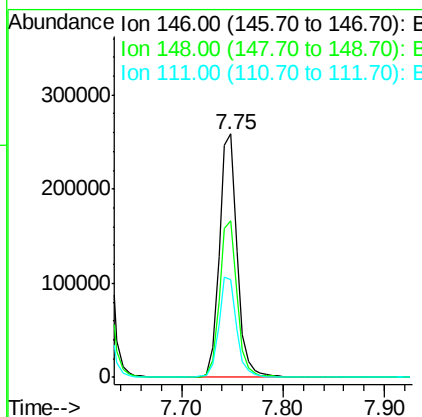
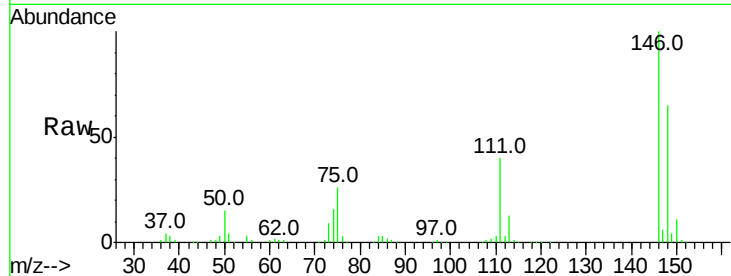
ClientSampleId :

PB98770BS

Tot Ion:	146	Resp:	312405
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.2
111	40.1	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 42.34 ng

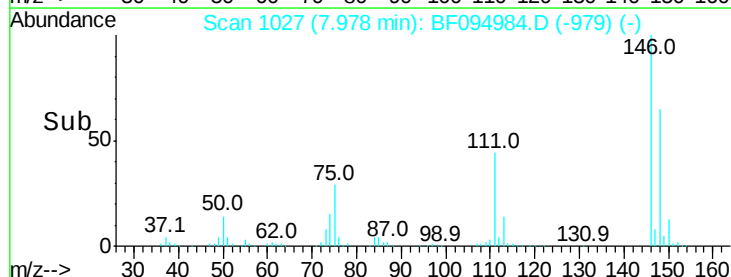
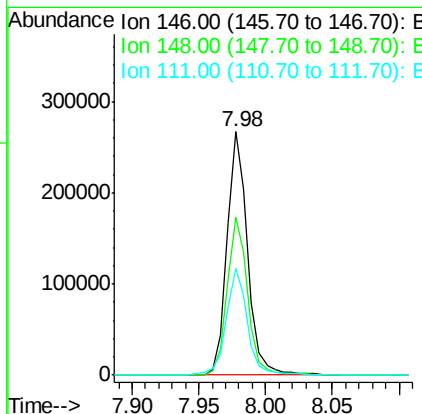
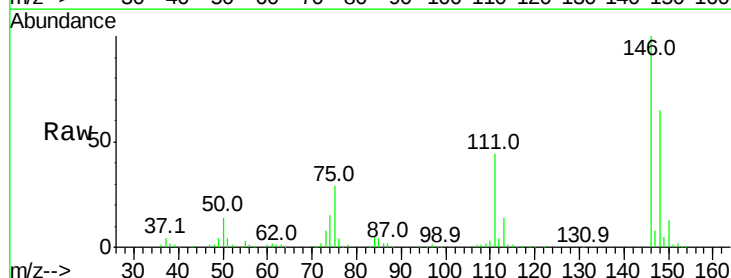
RT: 7.98 min Scan# 1027

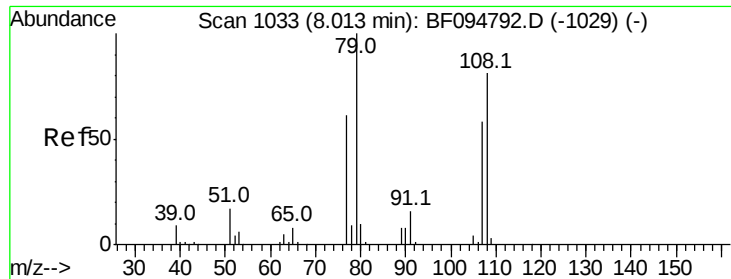
Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	146	Resp:	290189
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.4	75.6
111	43.7	38.2	57.4





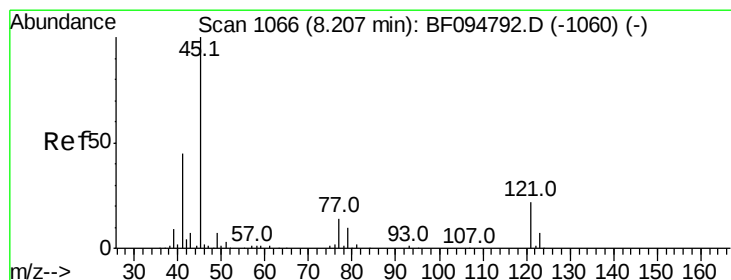
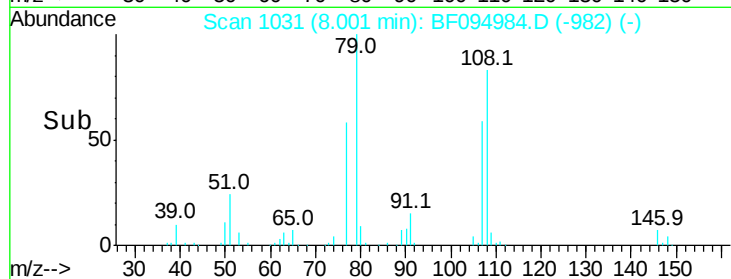
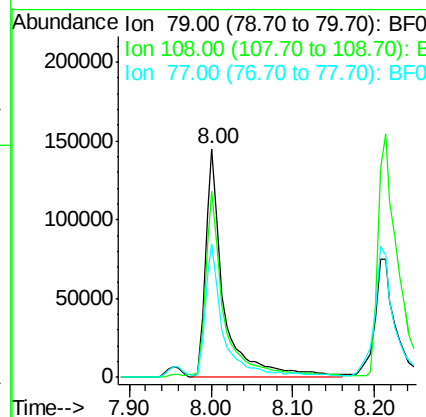
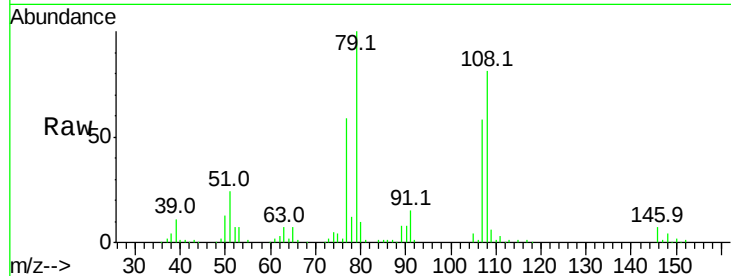
#15
Benzyl Alcohol
Concen: 52.07 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	63.4	95.0
77	58.5	49.2	73.8

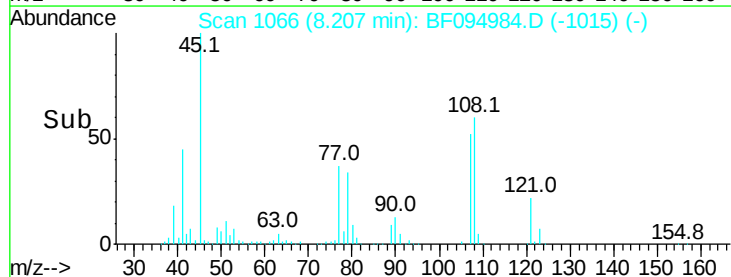
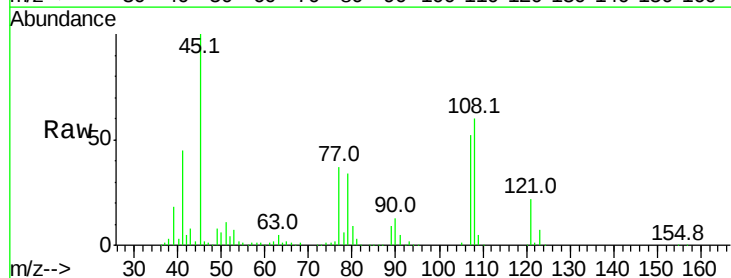
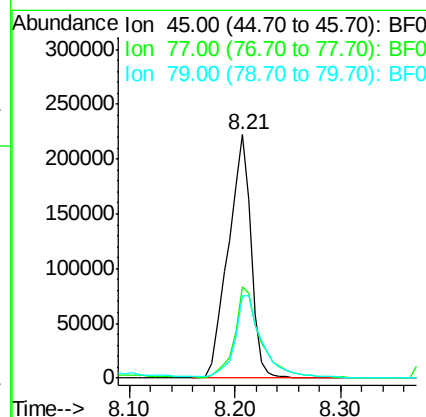
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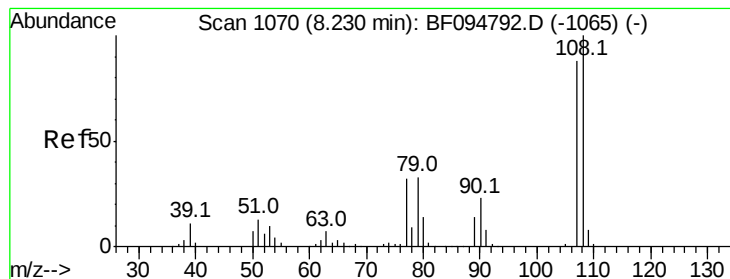
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.96 ng
RT: 8.21 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.4	0.0	33.2#
79	33.7	0.0	30.0#





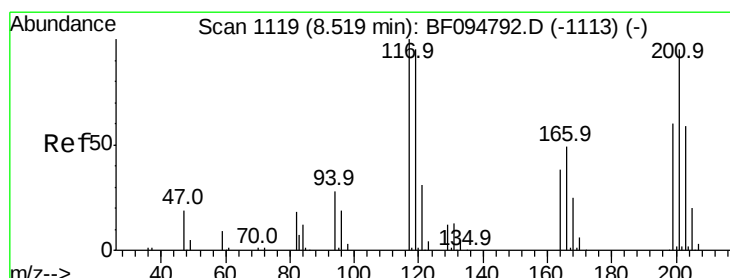
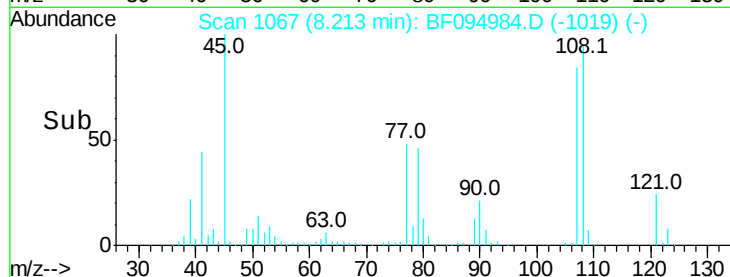
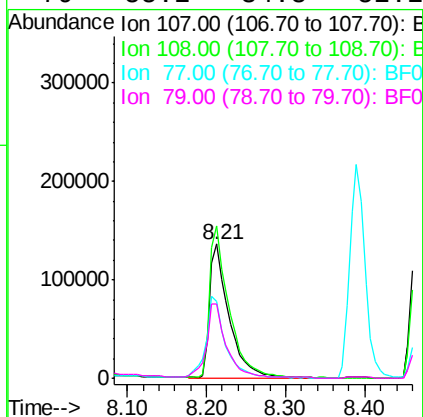
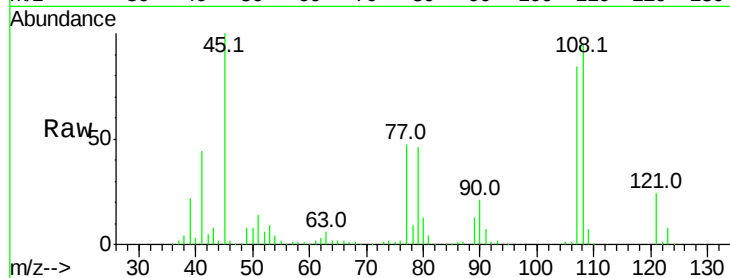
#17
2-Methylphenol
Concen: 44.29 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	93.4	140.0	
77	56.8	35.8	53.6#	
79	55.2	34.8	52.2#	

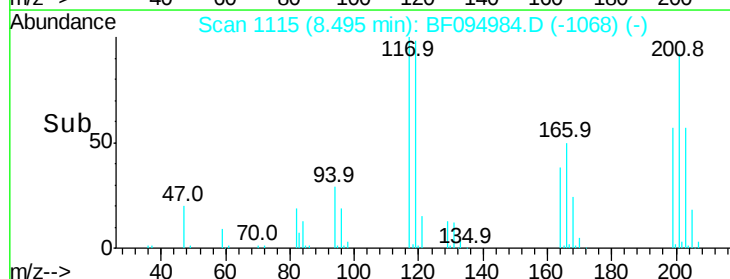
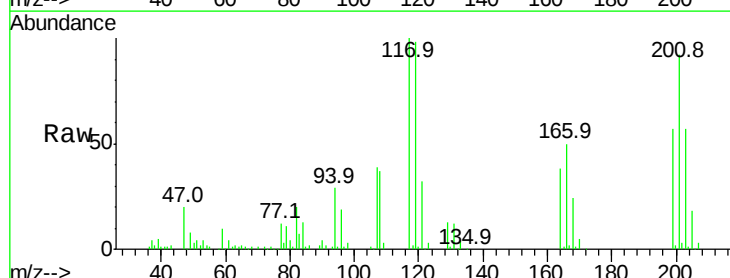
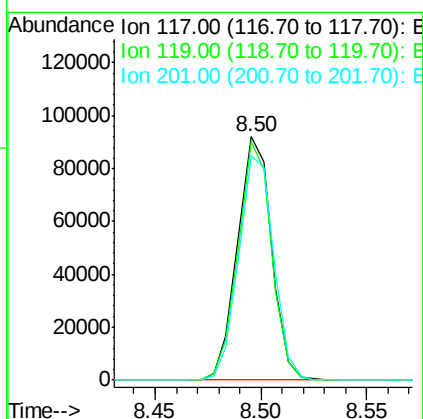
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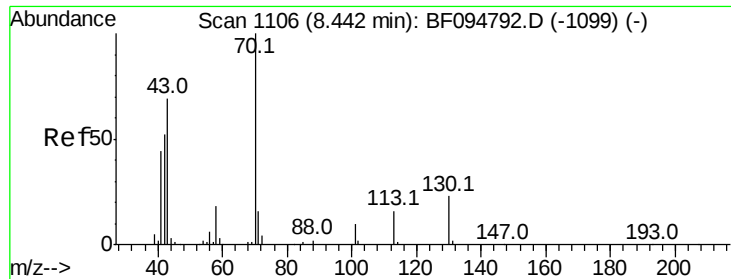
mohammad
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#18
Hexachloroethane
Concen: 41.29 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	77.4	116.0	
201	92.2	94.6	141.8#	





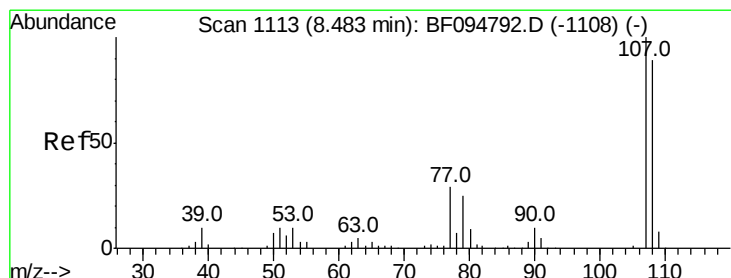
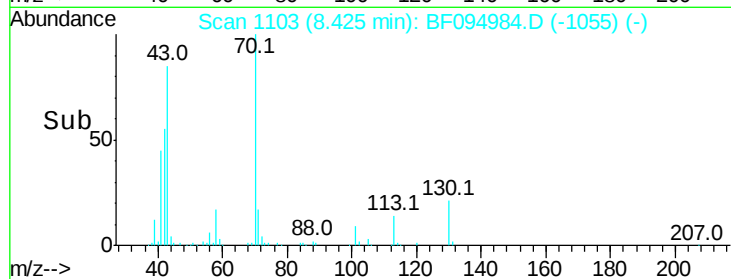
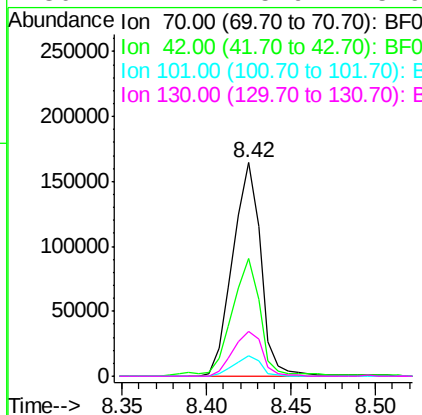
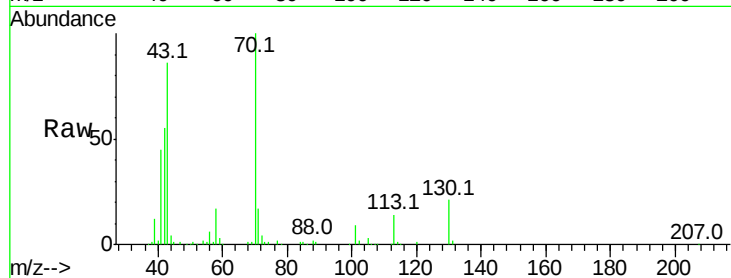
#19
n-Nitroso-di-n-propylamine
Concen: 42.05 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		191385		
42	55.3	47.2	70.8		
101	9.4	7.2	10.8		
130	21.2	15.9	23.9		

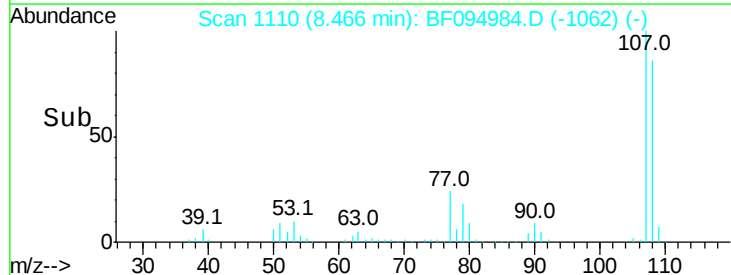
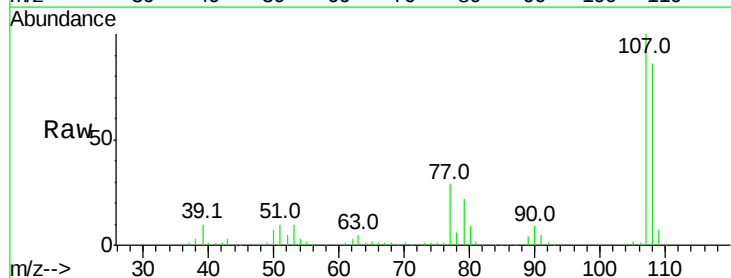
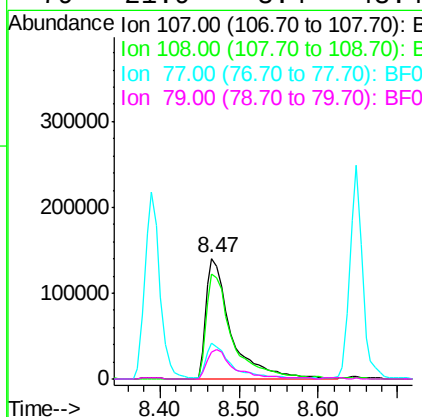
Manual Integrations
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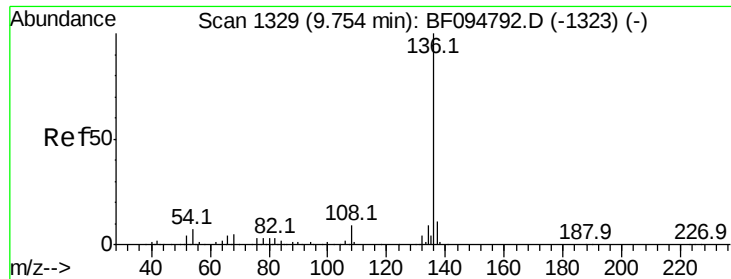
mohammad
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#20
3+4-Methylphenols
Concen: 43.86 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		311301		
108	86.5	71.0	111.0		
77	29.5	90.5	130.5#		
79	21.9	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

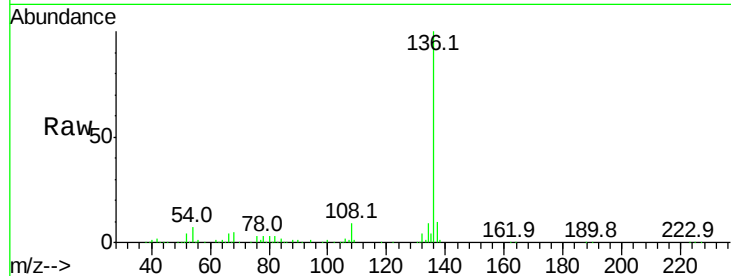
ClientSampleId :

PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375812		
137	10.2		8.5	12.7
54	6.6		4.9	7.3
68	5.1		4.1	6.1

Manual Integrations
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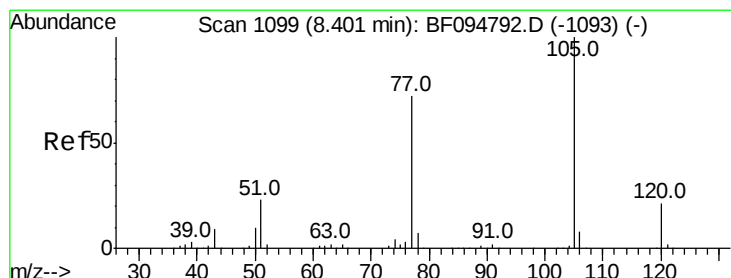
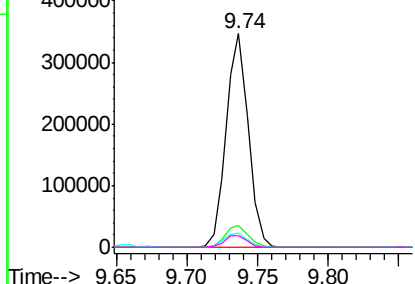
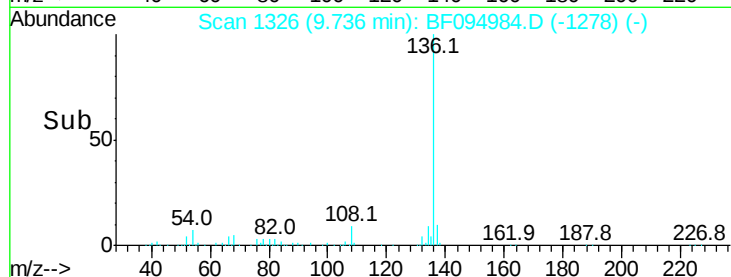
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.22 ng

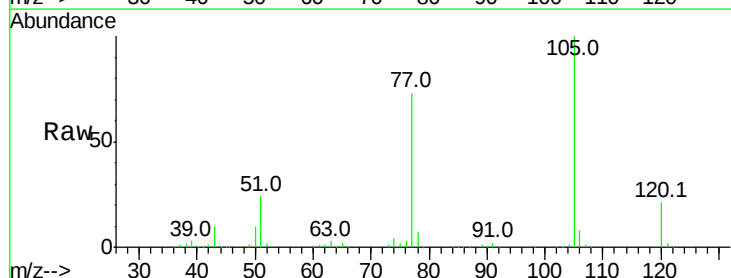
RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	398734		
71	0.0		2.8	4.2#
51	24.0		30.7	46.1#
120	20.7		17.4	26.0



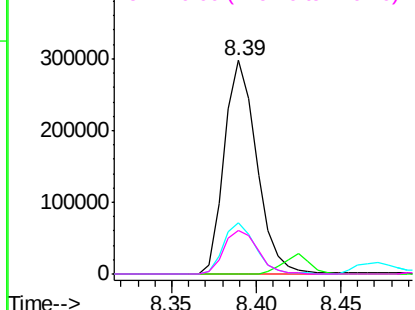
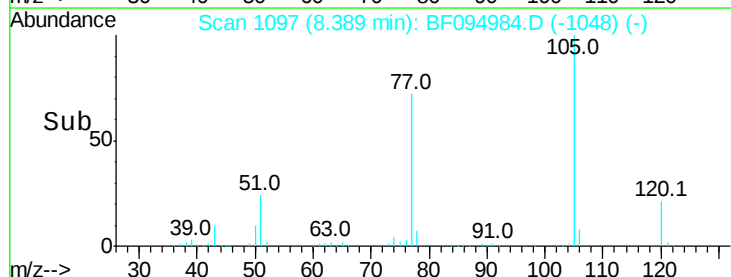
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





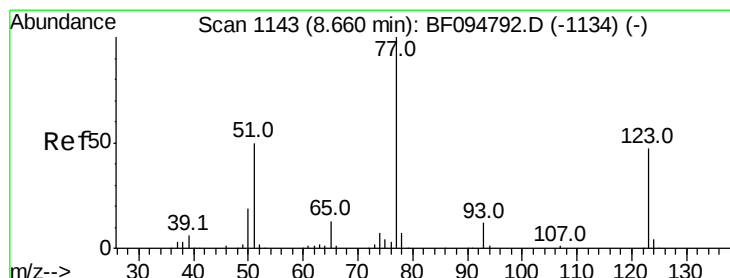
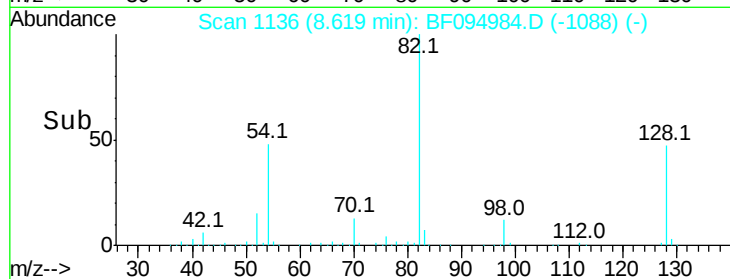
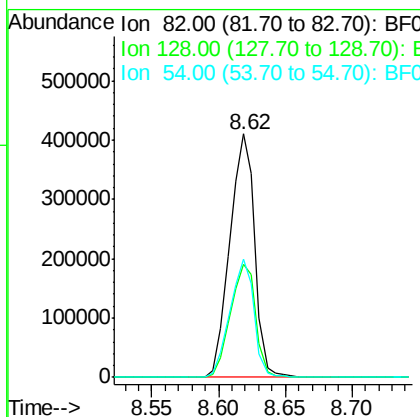
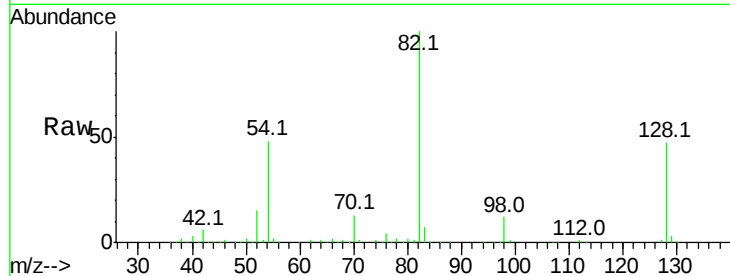
#23
Nitrobenzene-d5
Concen: 89.79 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.0	51.0	
54	48.3	42.2	63.2	

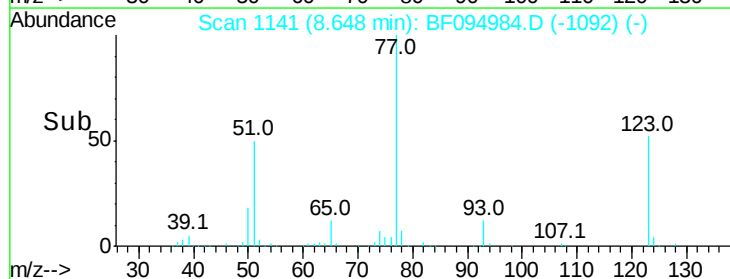
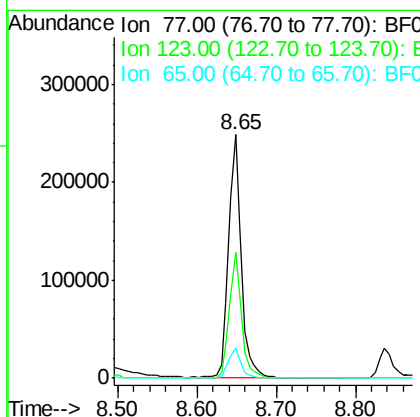
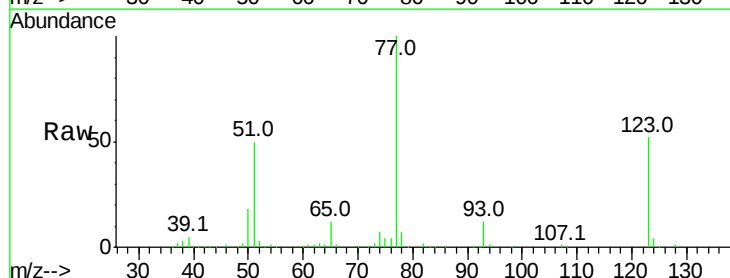
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#24
Nitrobenzene
Concen: 44.26 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.5	35.8	53.8	
65	12.4	10.6	15.8	





#25

Isophorone

Concen: 45.42 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

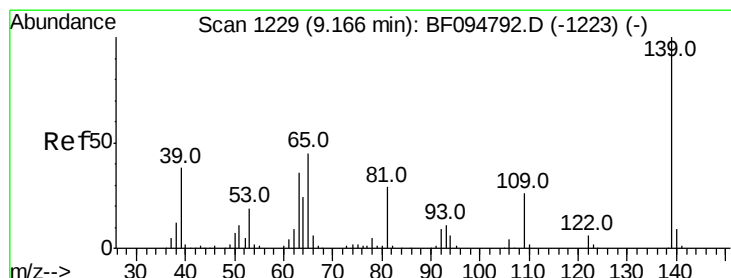
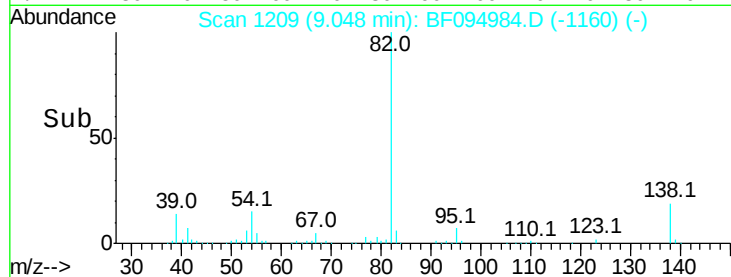
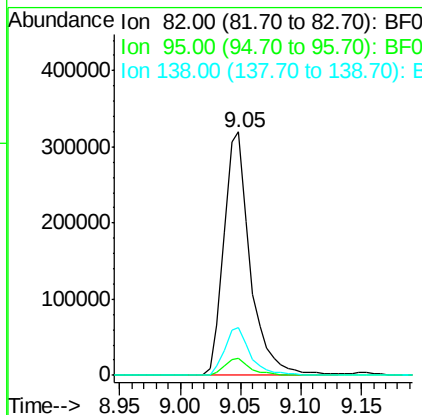
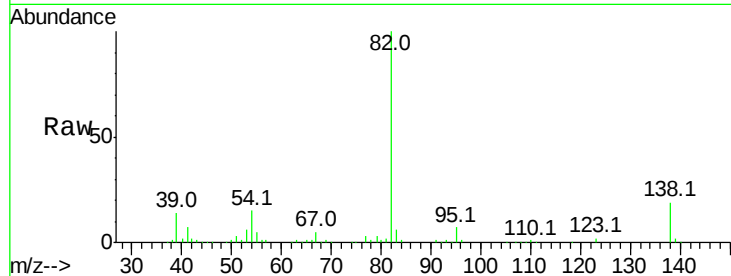
ClientSampleId :

PB98770BS

Tot Ion:	82	Resp:	483317
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.89 ng

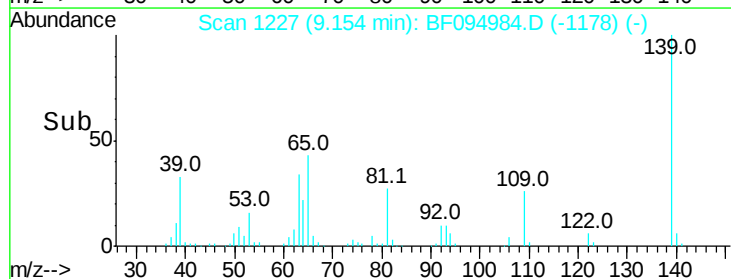
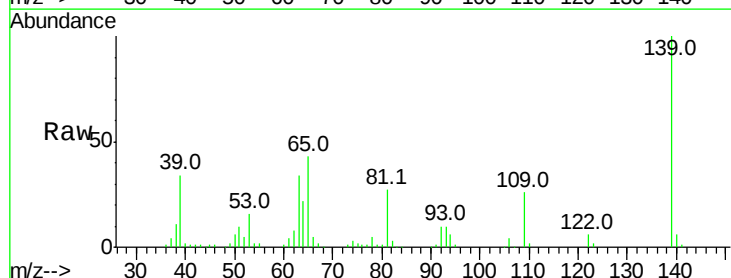
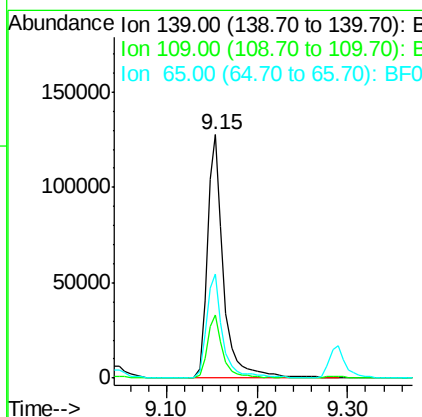
RT: 9.15 min Scan# 1227

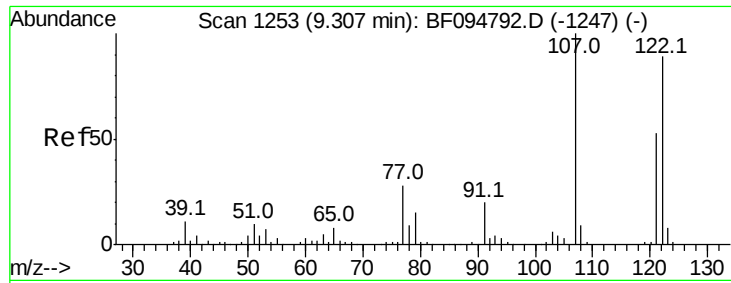
Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	139	Resp:	158061
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.0	31.6
65	42.9	33.0	49.6





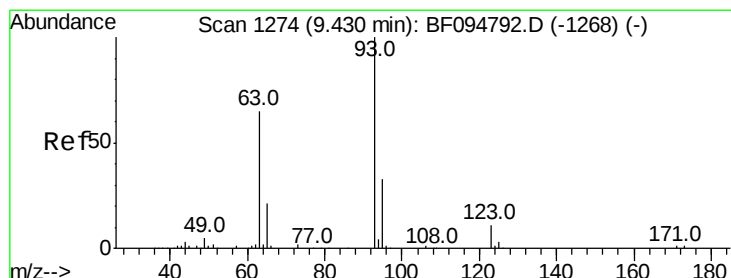
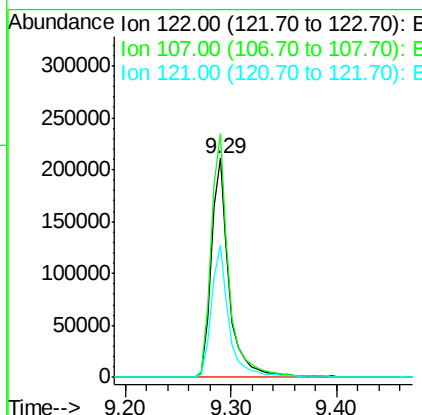
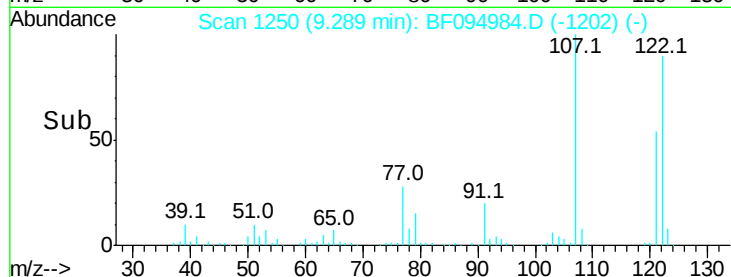
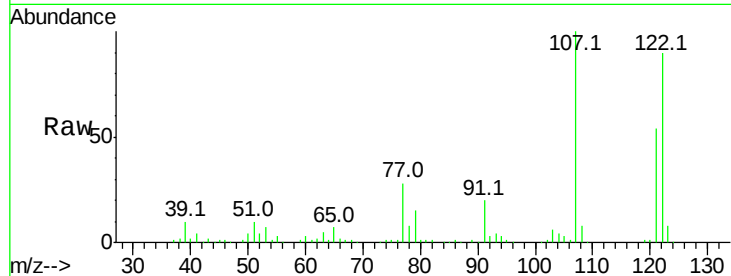
#27
 2,4-Dimethylphenol
 Concen: 45.88 ng
 RT: 9.29 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion:	122	Resp:	250047
Ion Ratio	Lower	Upper	
122	100		
107	111.2	89.2	133.8
121	60.1	45.2	67.8

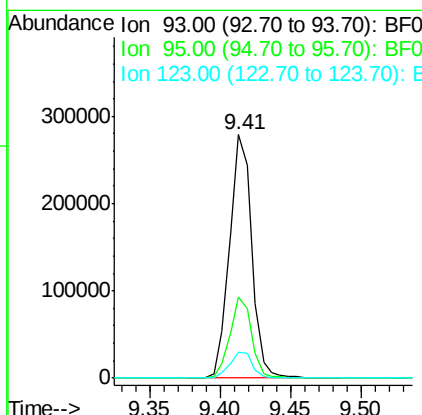
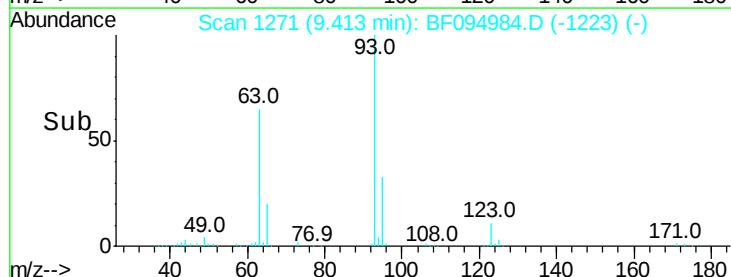
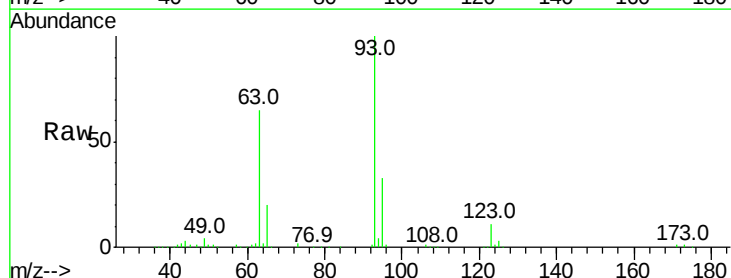
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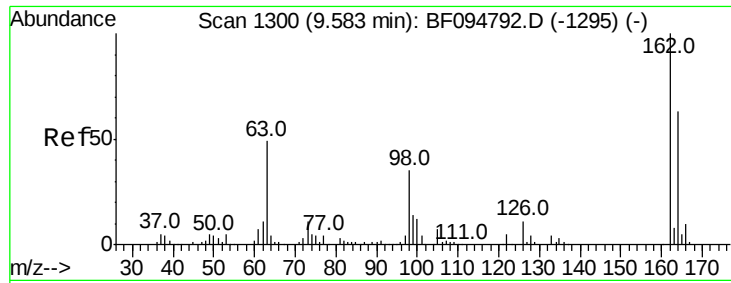
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.62 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion:	93	Resp:	306376
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.5	39.7
123	10.7	9.0	13.4





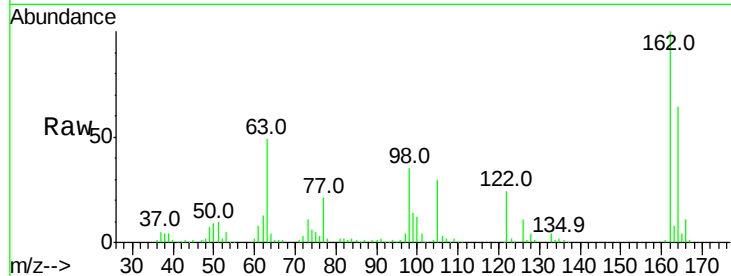
#29
 2,4-Dichlorophenol
 Concen: 45.36 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

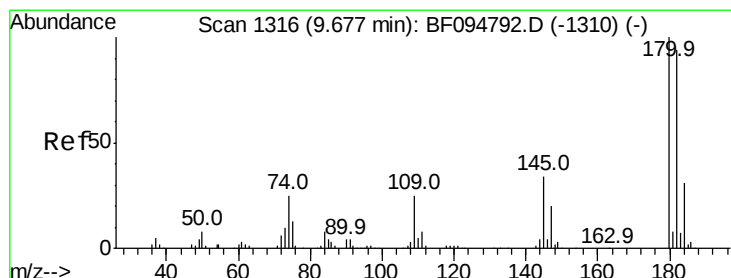
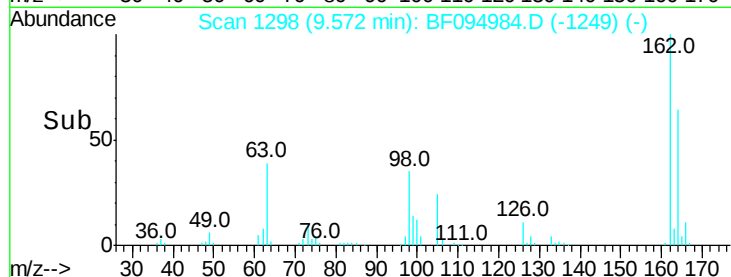
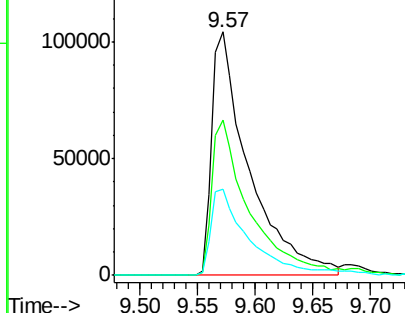
Tot Ion	Ratio	Resp	Lower	Upper
162	100	233436		
164	64.0		44.6	84.6
98	35.4		14.8	54.8

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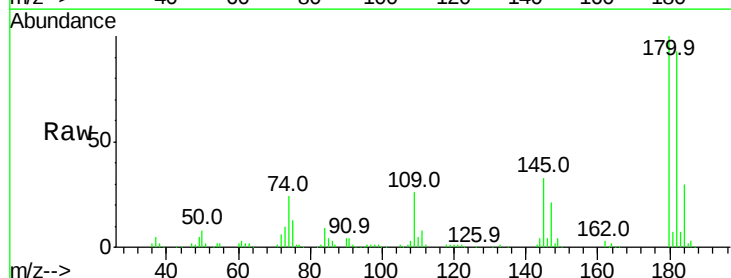


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

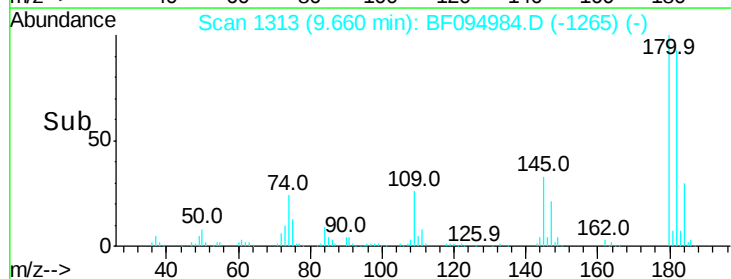
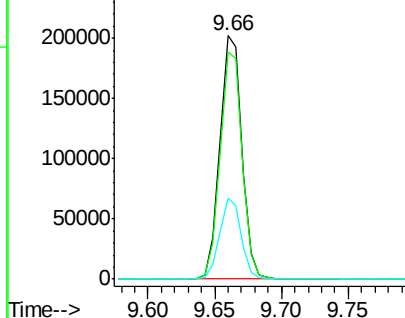


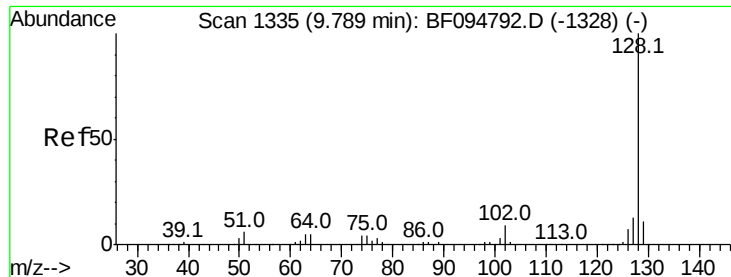
#30
 1,2,4-Trichlorobenzene
 Concen: 42.85 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	236257		
182	93.4		75.8	113.6
145	33.4		25.3	37.9



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





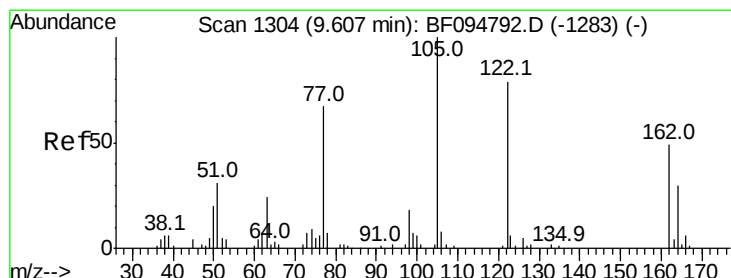
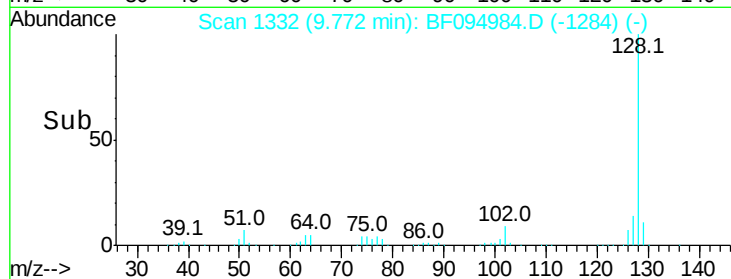
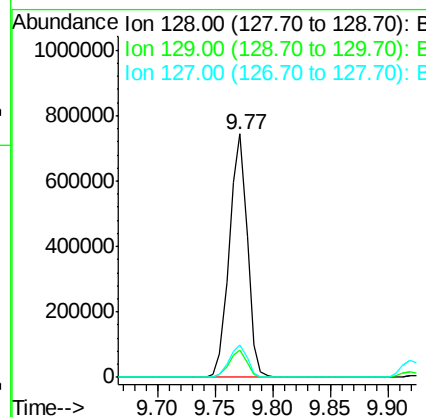
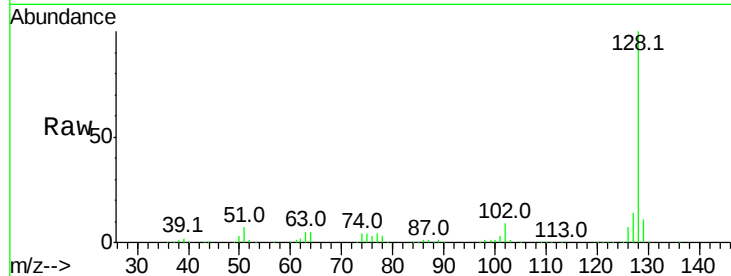
#31
Naphthalene
Concen: 42.61 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.5	10.8	16.2

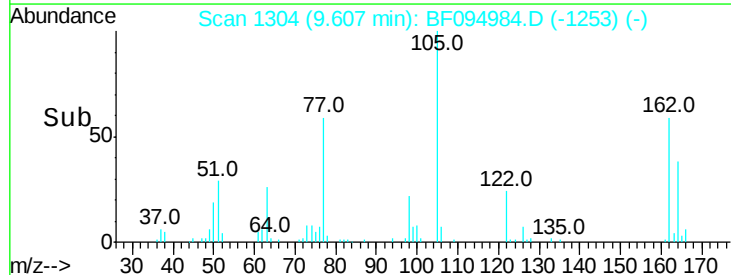
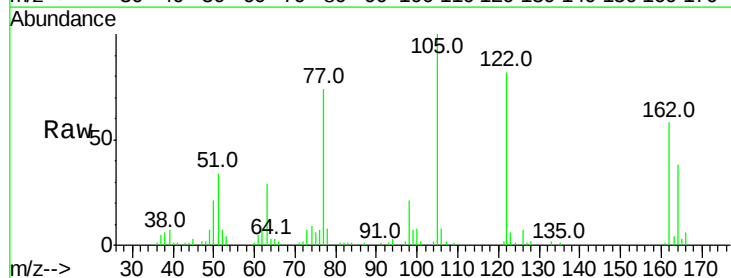
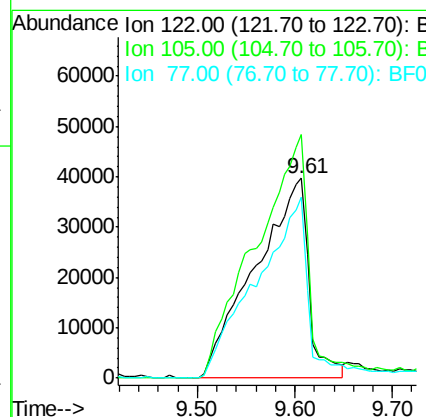
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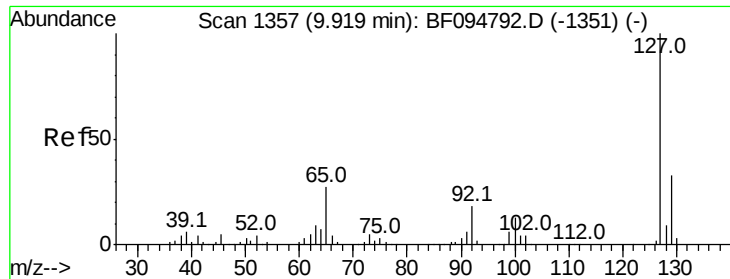
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#32
Benzoic acid
Concen: 43.13 ng
RT: 9.61 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	122.1	103.3	143.3
77	90.7	73.7	113.7





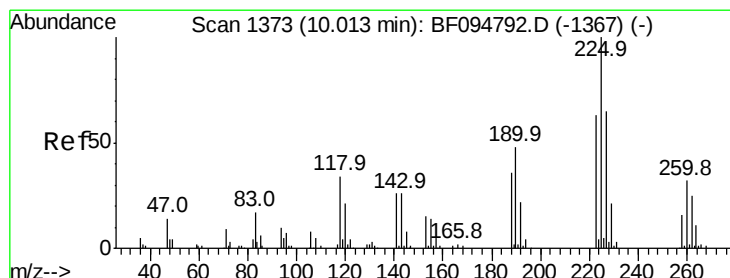
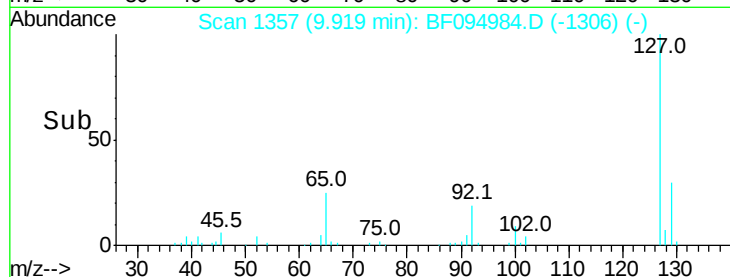
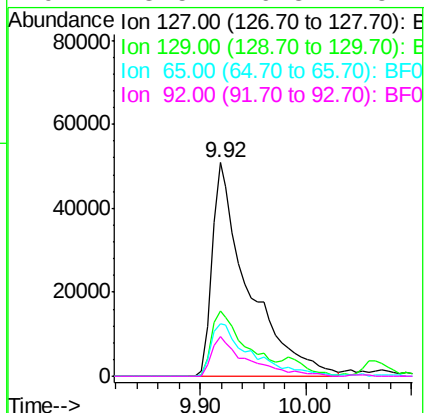
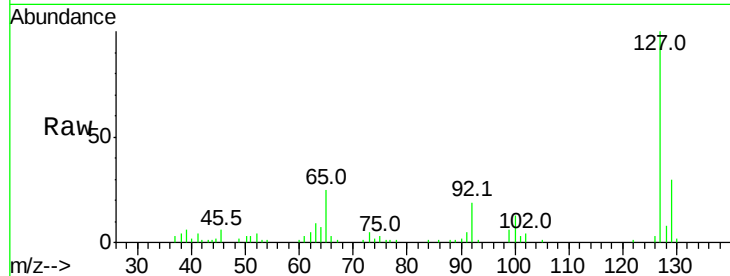
#33
4-Chloroaniline
Concen: 17.30 ng
RT: 9.92 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.5	26.2	39.2
65	24.9	27.8	41.8
92	18.5	16.8	25.2

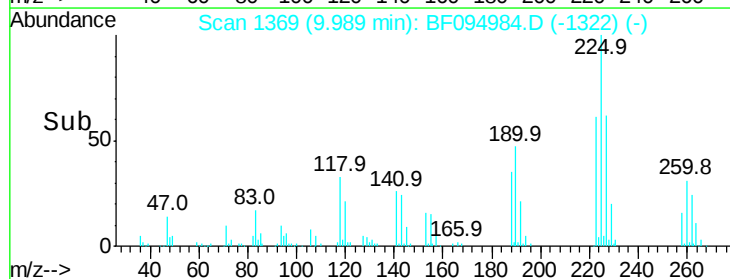
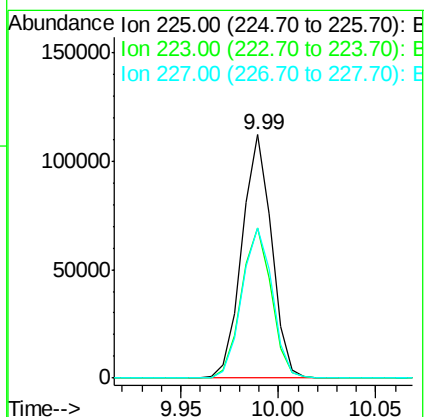
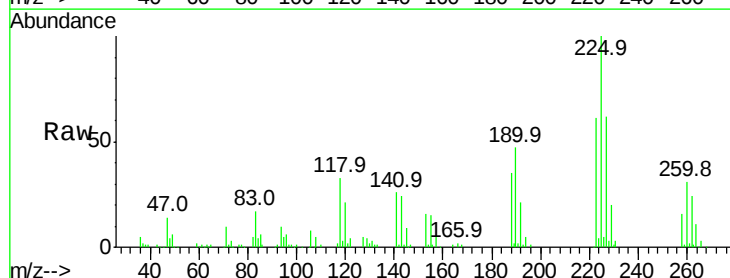
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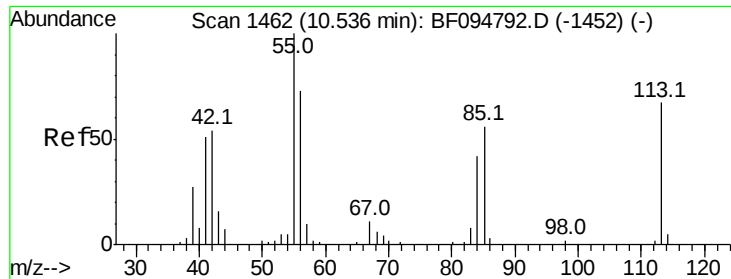
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#34
Hexachlorobutadiene
Concen: 40.59 ng
RT: 9.99 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.4	48.8	73.2
227	61.5	51.1	76.7





#35

Caprolactam

Concen: 49.33 ng/mL

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

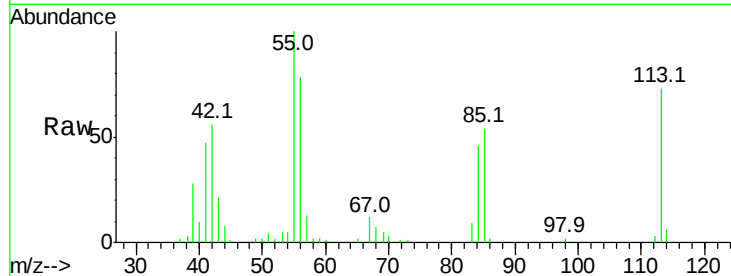
ClientSampleId :

PB98770BS

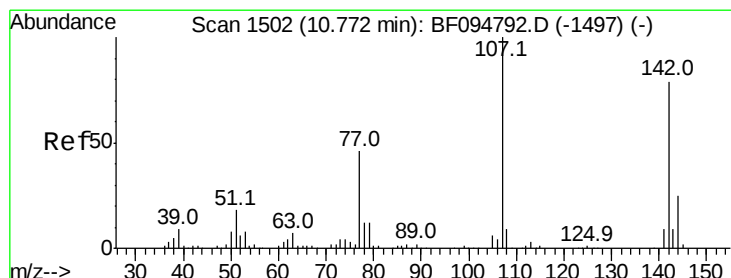
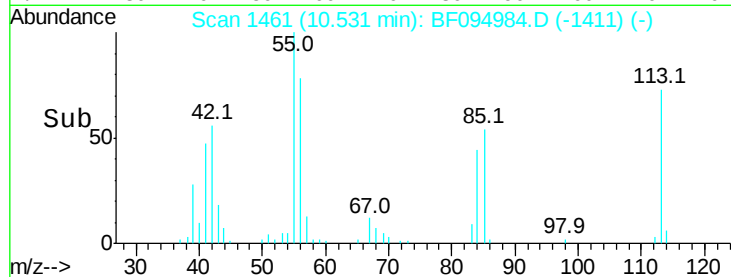
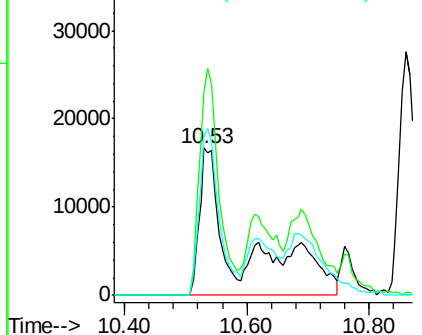
Tot Ion:113 Resp: 76227
 Ion Ratio Lower Upper
 113 100
 55 137.6 150.2 190.2#
 56 106.8 107.8 147.8#

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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: 44.70 ng/mL

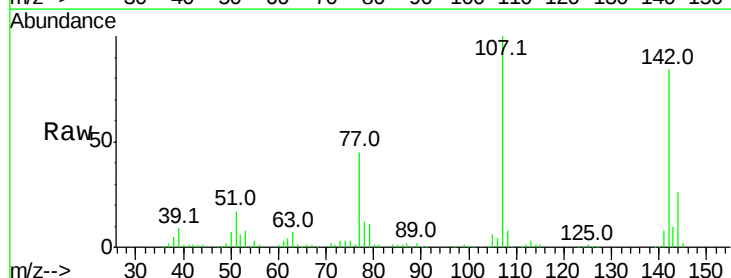
RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

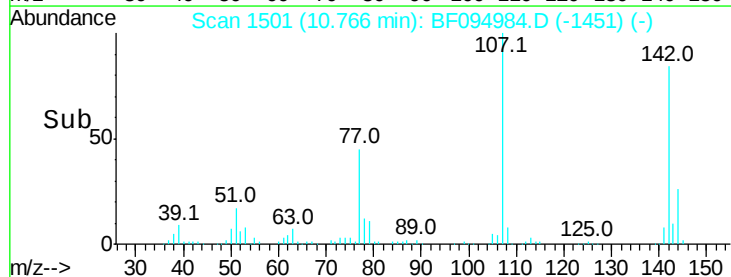
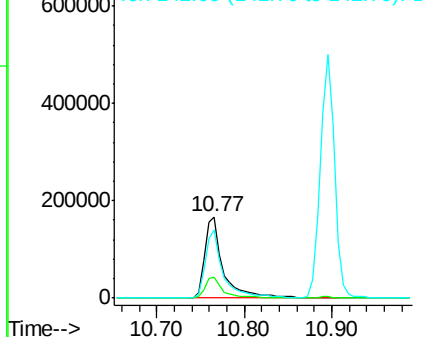
Lab File: BF094984.D

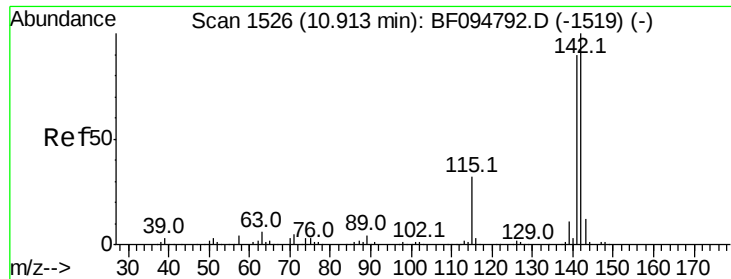
Acq: 8 May 2017 17:22

Tgt Ion:107 Resp: 245909
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 84.3 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





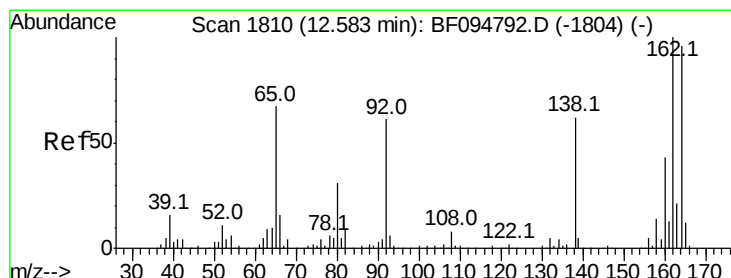
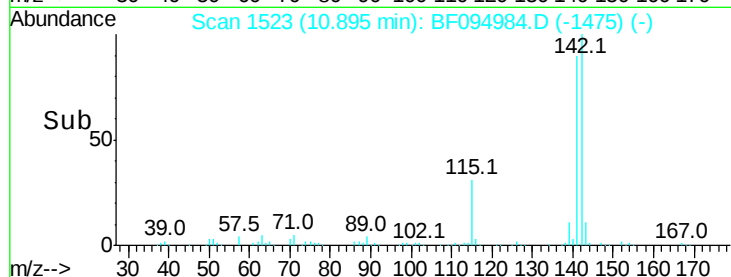
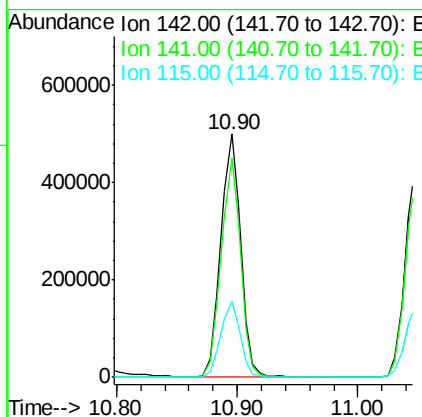
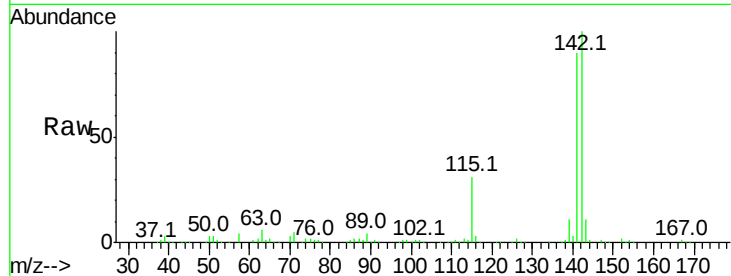
#37
2-Methylnaphthalene
Concen: 45.67 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	566183		
141	90.1	71.3	106.9	
115	31.2	27.1	40.7	

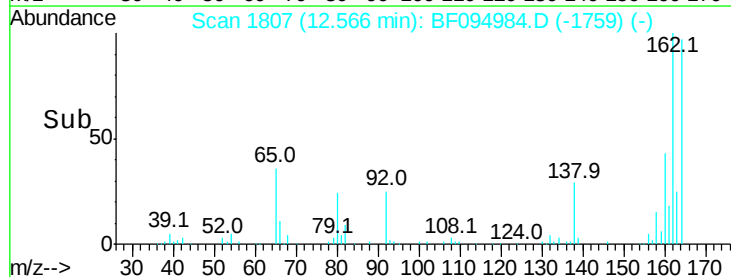
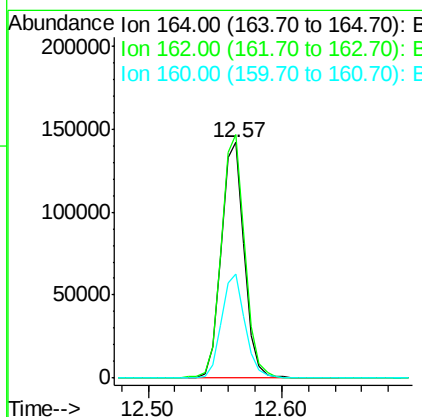
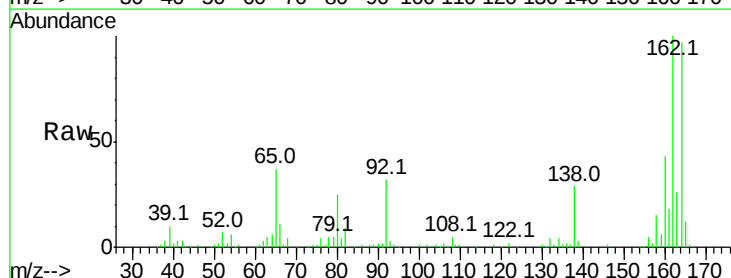
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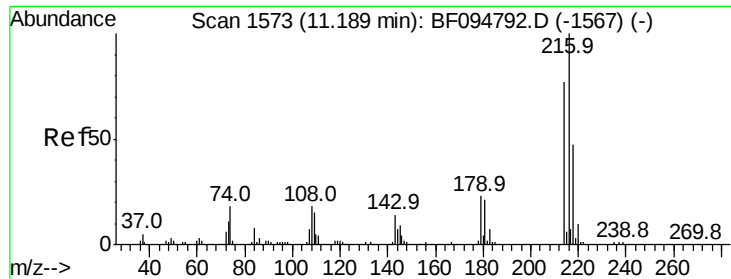
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172314		
162	103.2	82.6	123.8	
160	44.0	36.2	54.2	





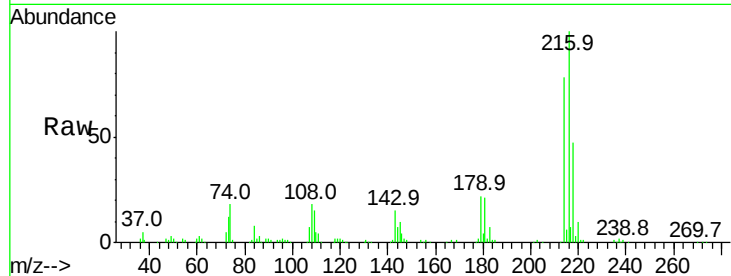
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.21 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

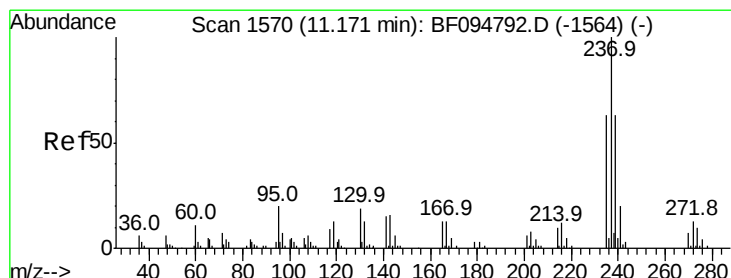
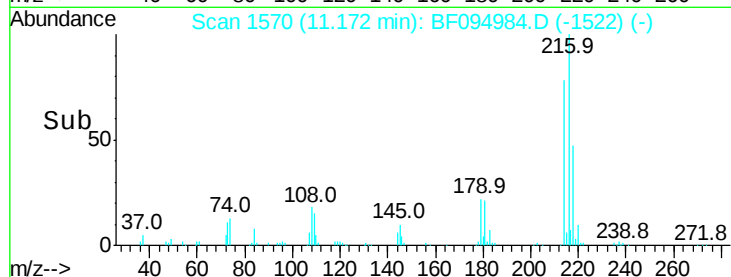
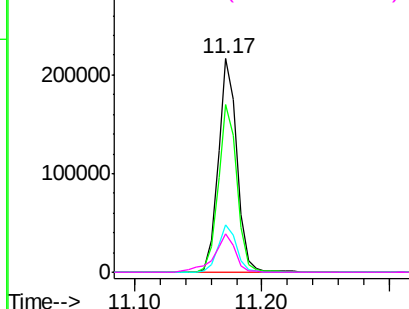
Tot Ion	Ratio	Resp	Lower	Upper
216	100	223664		
214	78.2	63.4	95.2	
179	21.8	17.9	26.9	
108	20.4	16.5	24.7	

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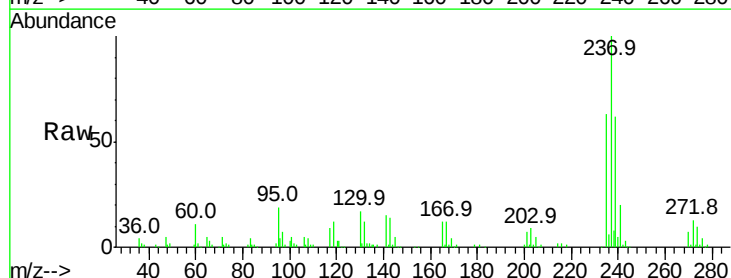


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

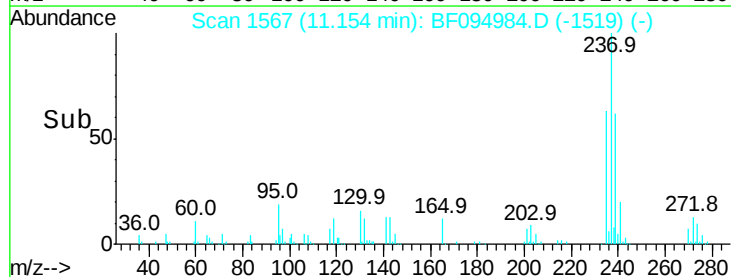
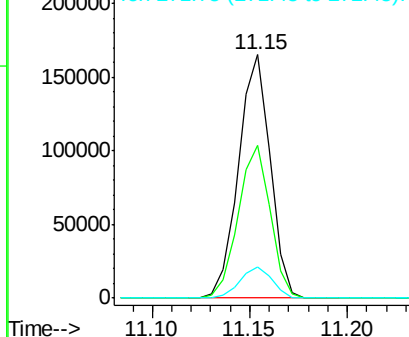


#40
 Hexachlorocyclopentadiene
 Concen: 83.23 ng
 RT: 11.15 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186013		
235	62.9	42.6	82.6	
272	12.8	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





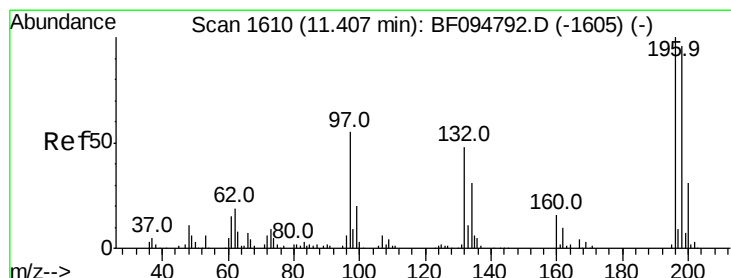
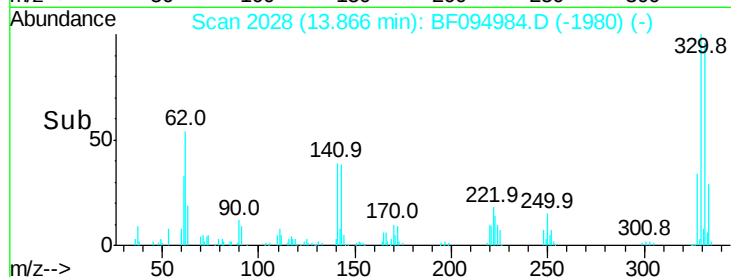
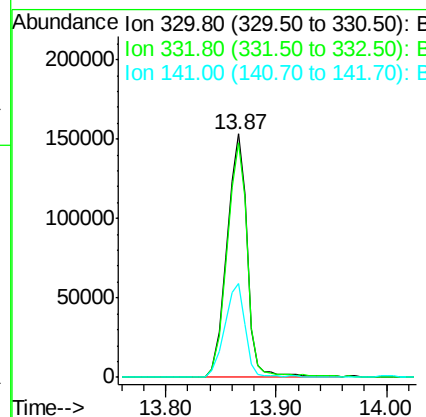
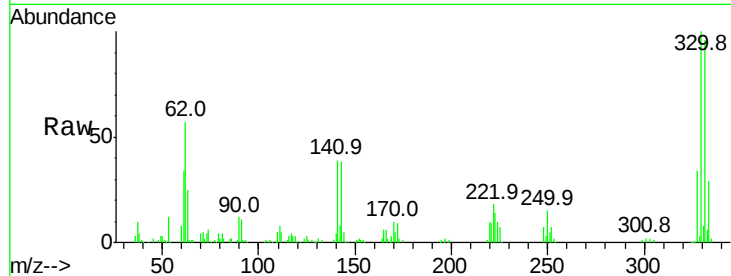
#41
 2,4,6-Tribromophenol
 Concen: 140.48 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198240		
332	97.1	76.6	115.0	
141	39.2	31.4	47.2	

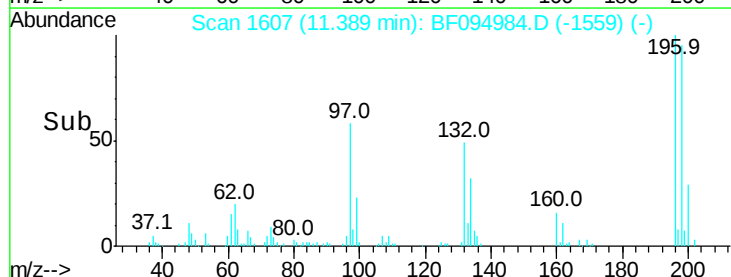
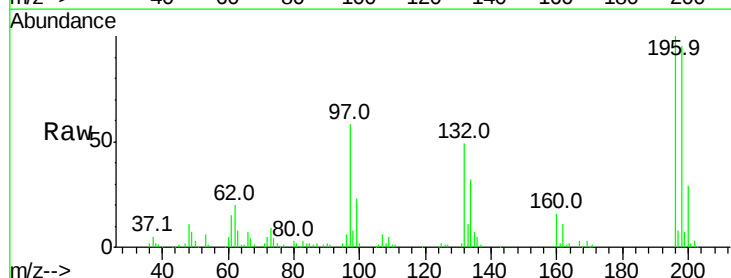
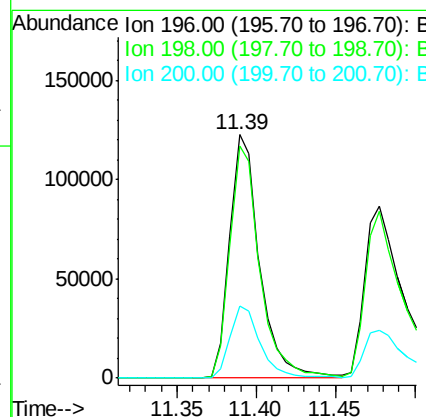
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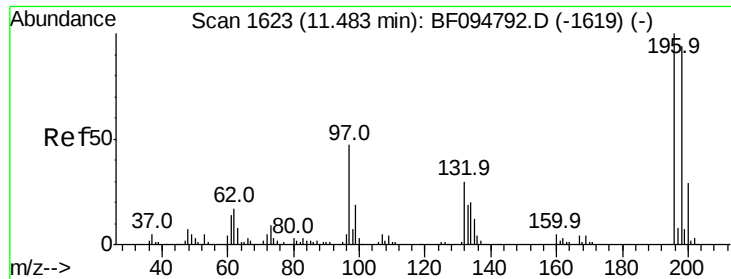
mohammad
 5/9/2017 5:02:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.53 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161091		
198	95.4	74.2	111.4	
200	29.4	24.0	36.0	





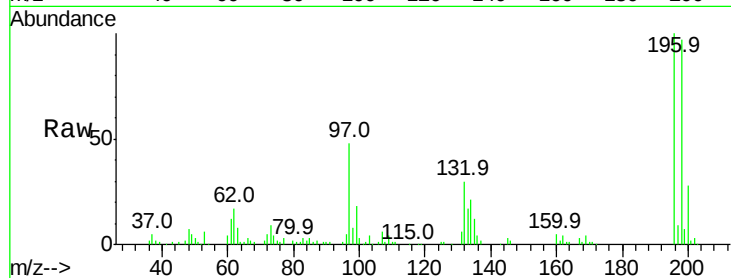
#43
 2,4,5-Trichlorophenol
 Concen: 43.90 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	196	Resp	166956
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.7	113.5
97	47.9	47.7	71.5
132	30.3	28.0	42.0

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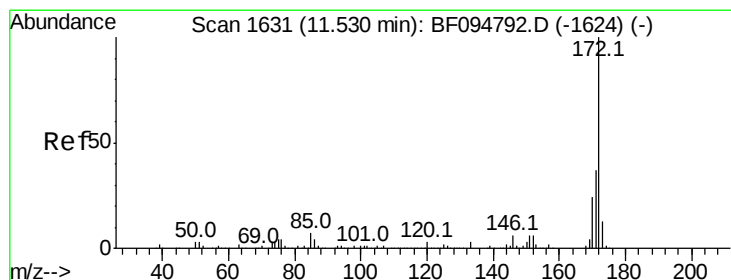
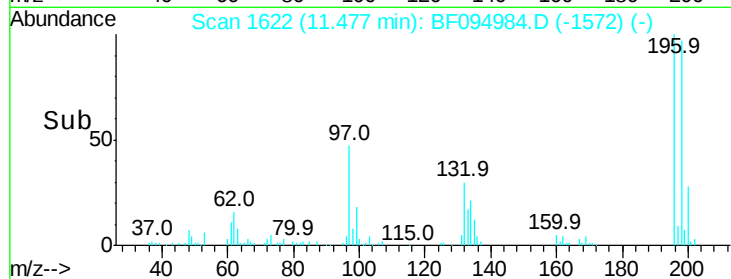
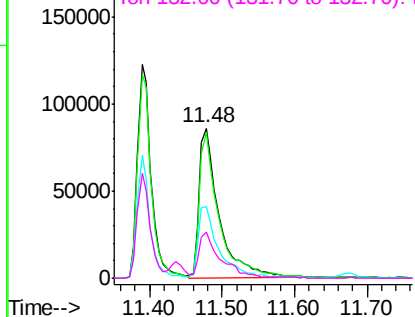
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.15 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

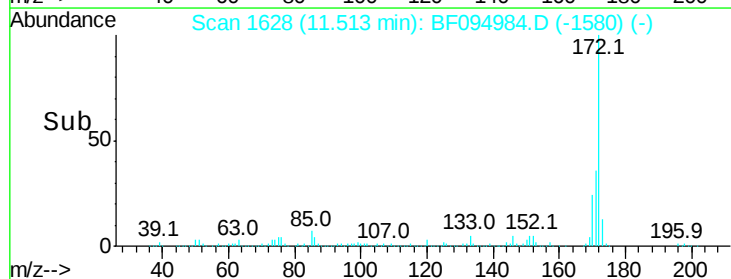
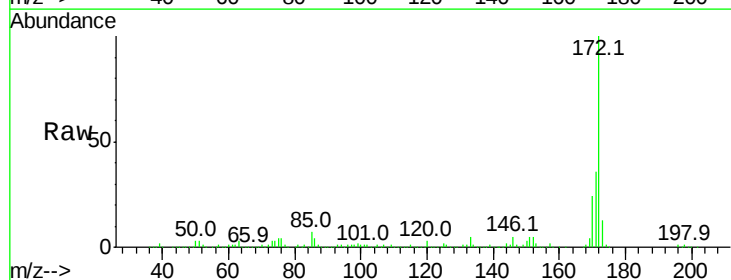
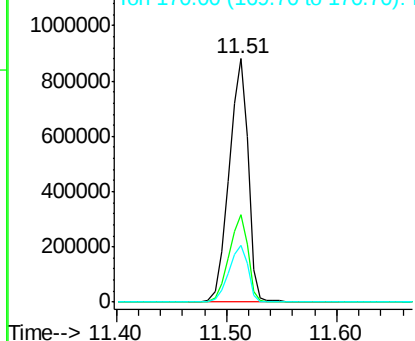
Tgt Ion	172	Resp	1067332
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.5	19.8	29.8

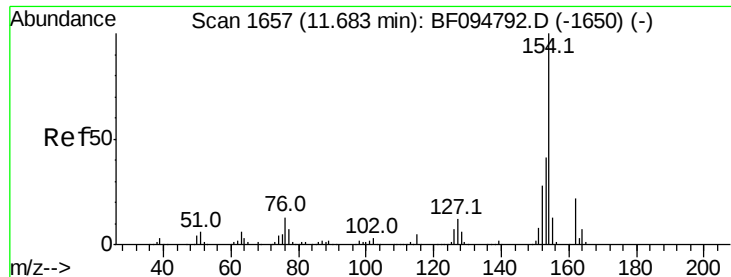
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





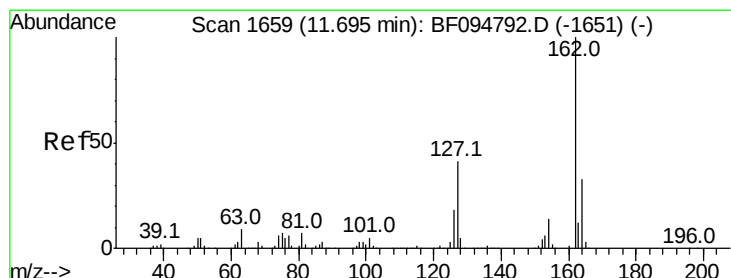
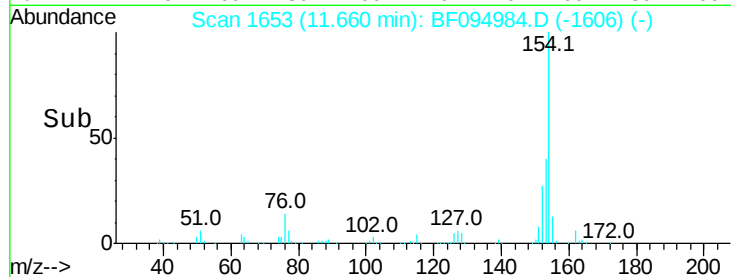
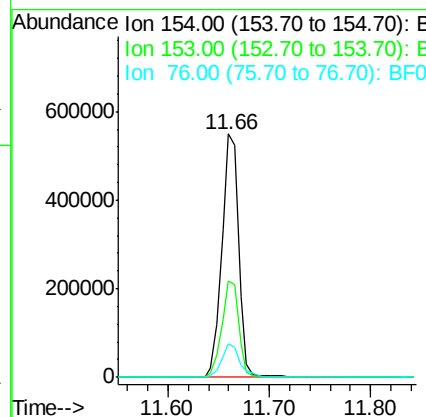
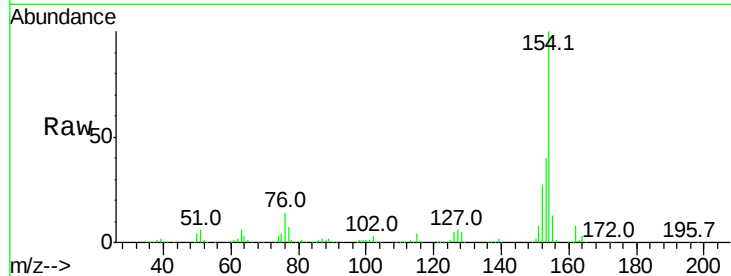
#45
 1,1'-Biphenyl
 Concen: 43.74 ng
 RT: 11.66 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.9	21.2	61.2	
76	13.7	0.0	29.9	

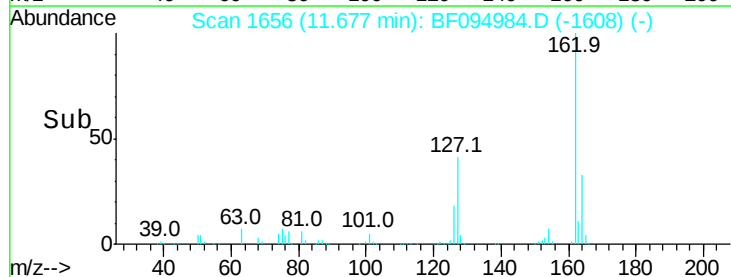
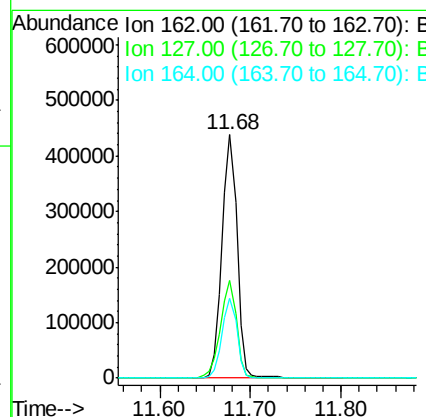
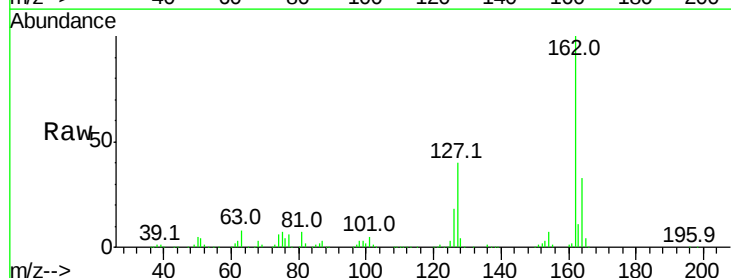
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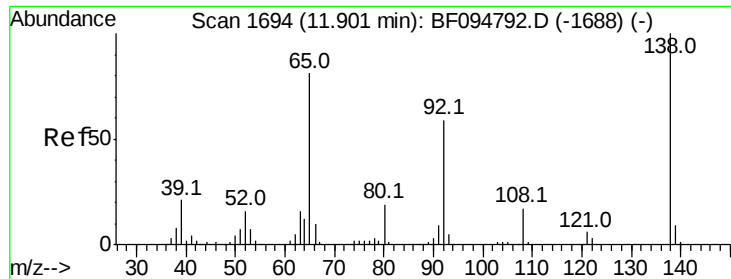
mohammad
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#46
 2-Chloronaphthalene
 Concen: 42.95 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	28.3	42.5	
164	32.7	27.0	40.4	





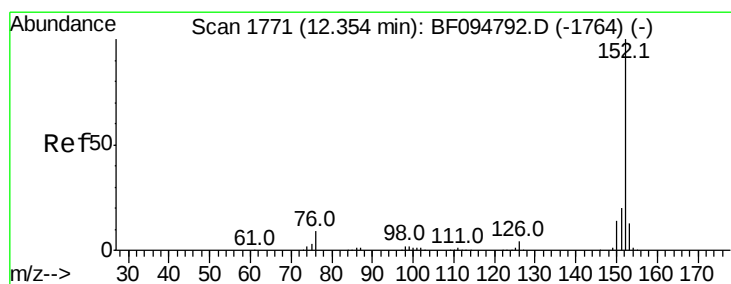
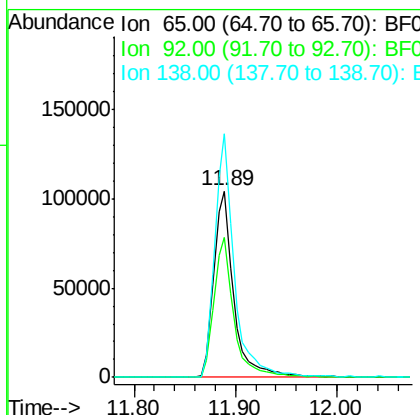
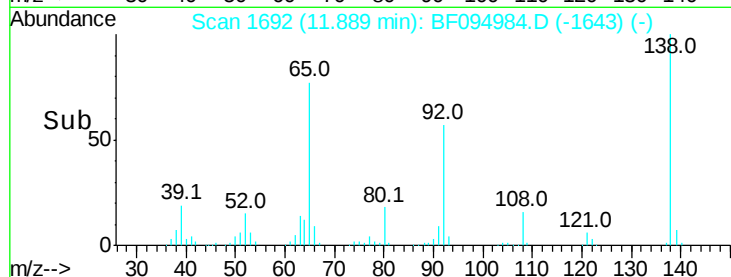
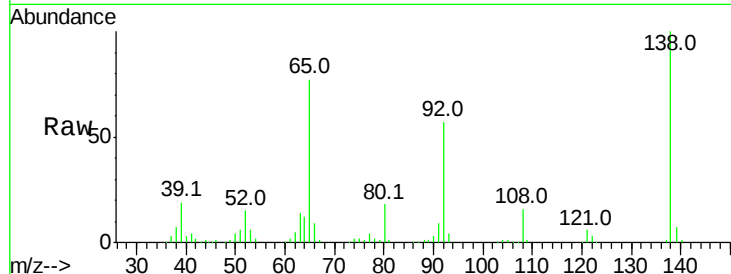
#47
2-Nitroaniline
Concen: 44.73 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	53.9	80.9
138	130.5	78.8	118.2#

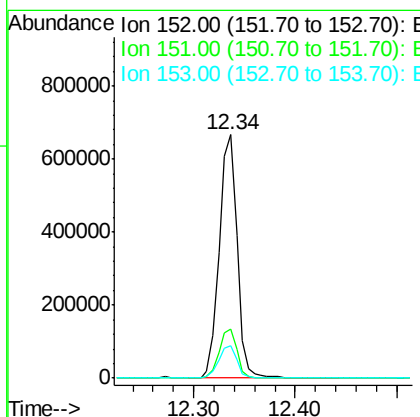
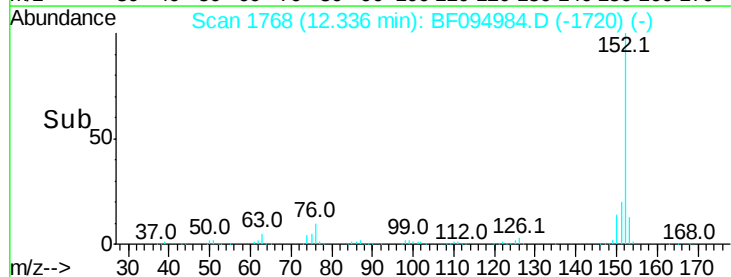
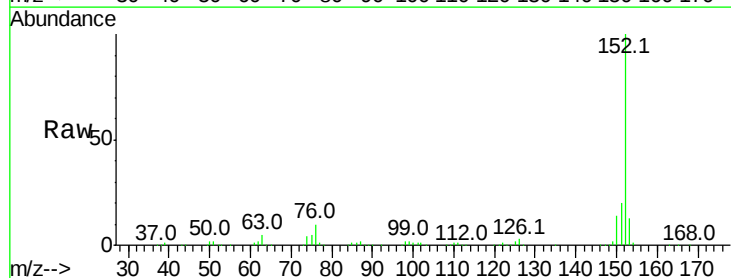
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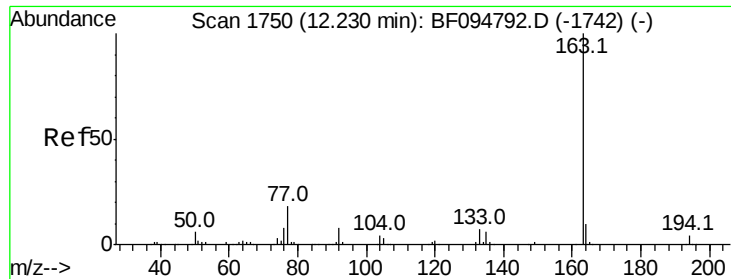
mohammad
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#48
Acenaphthylene
Concen: 44.66 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.2	10.8	16.2





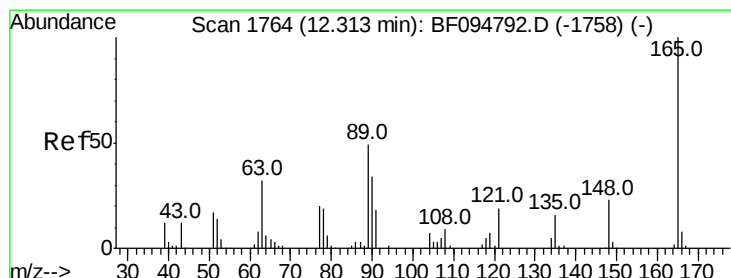
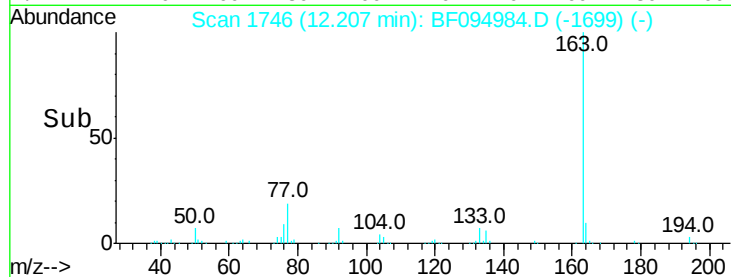
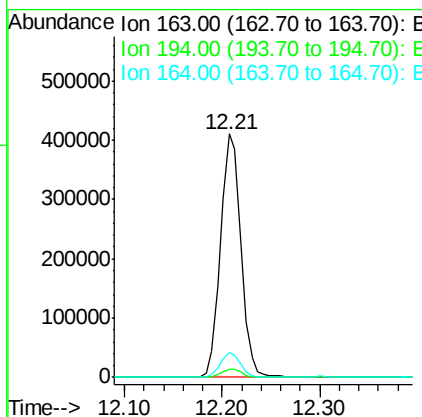
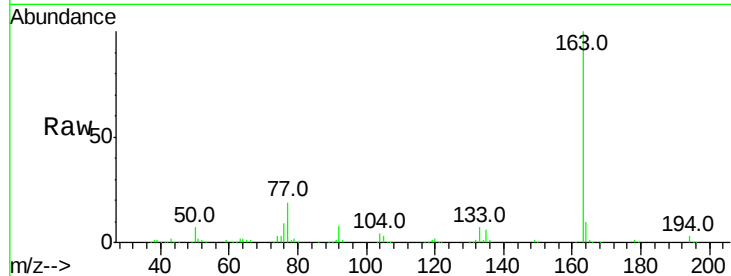
#49
Dimethylphthalate
Concen: 42.00 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	594194		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

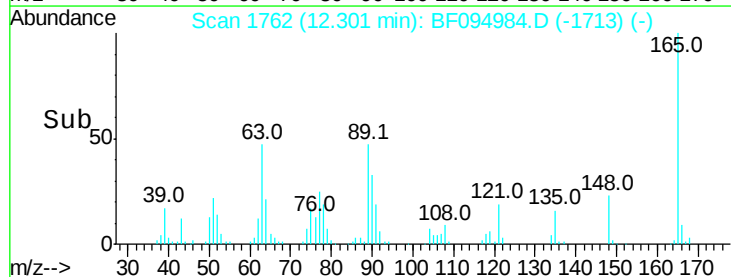
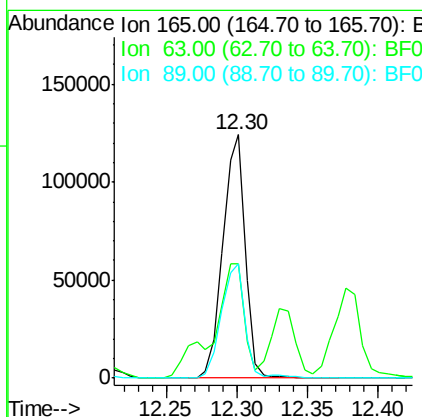
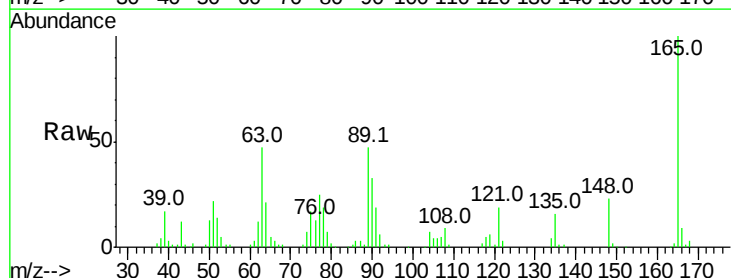
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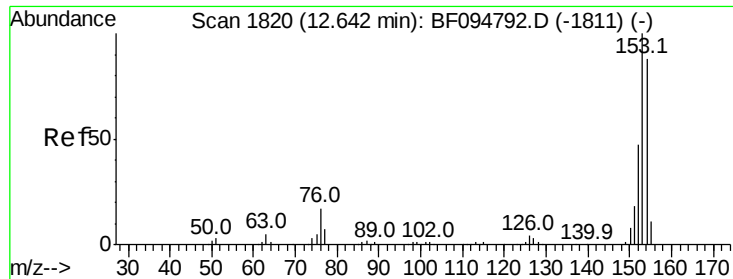
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#50
2,6-Dinitrotoluene
Concen: 47.17 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136130		
63	47.0	34.3	51.5	
89	46.9	37.1	55.7	





#51

Acenaphthene

Concen: 43.81 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

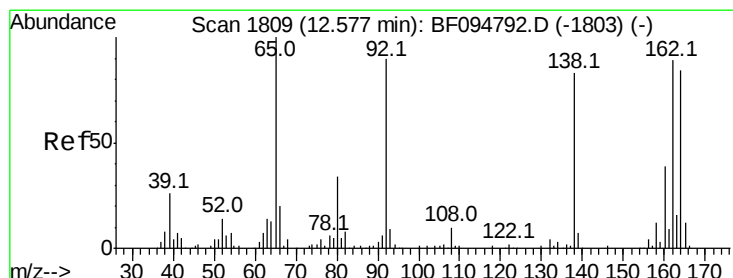
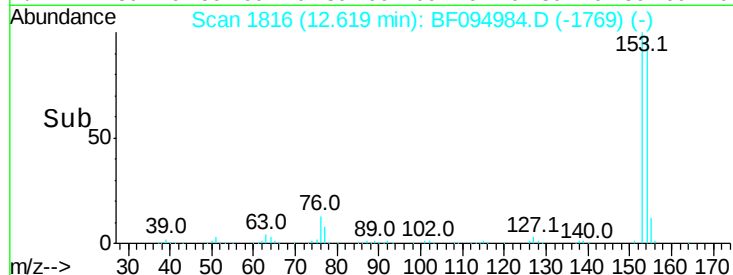
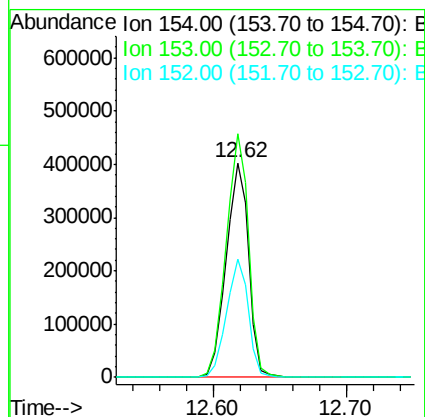
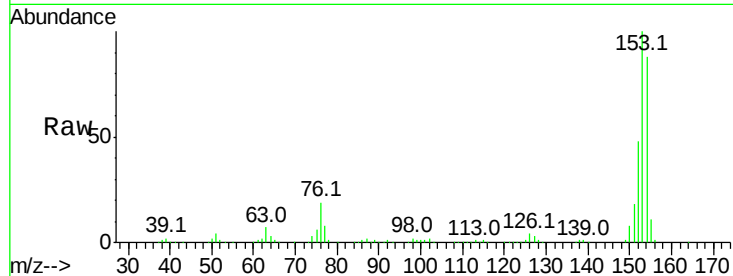
ClientSampleId :

PB98770BS

Tot Ion:	154	Resp:	480093
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.5	135.7
152	54.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 28.40 ng

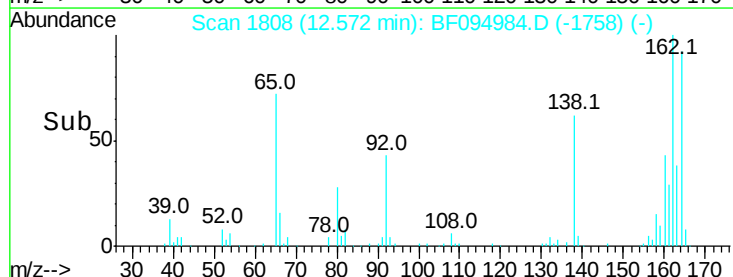
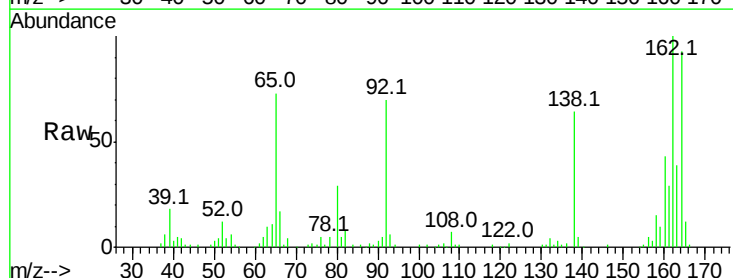
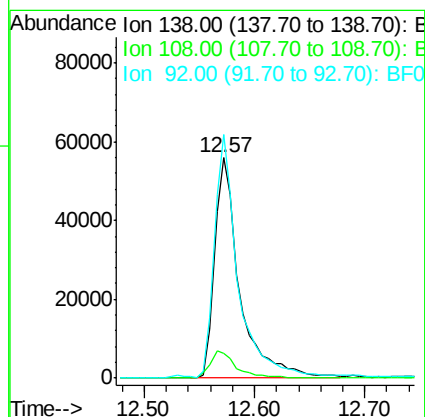
RT: 12.57 min Scan# 1808

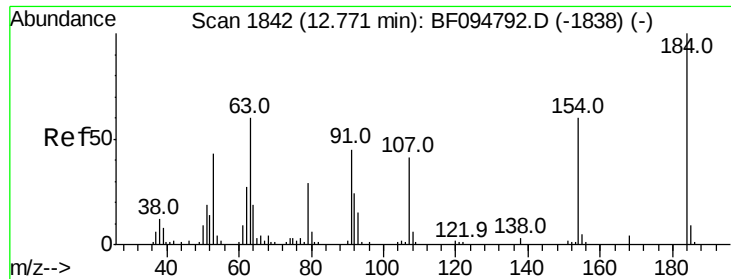
Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	138	Resp:	87978
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.1	13.7
92	110.4	93.8	140.6





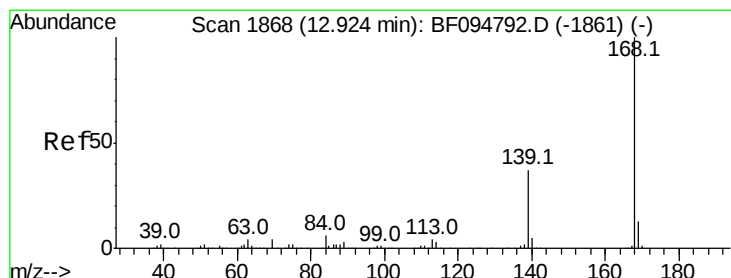
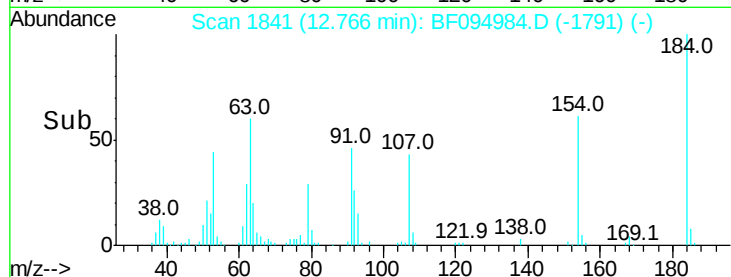
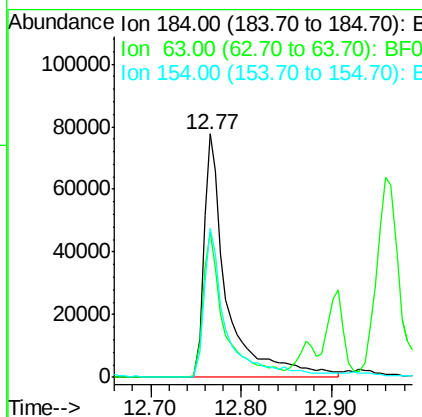
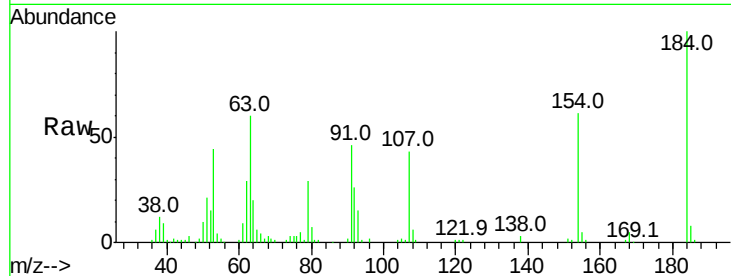
#53
 2,4-Dinitrophenol
 Concen: 86.10 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	137682		
63	59.6	62.7	94.1#	
154	61.2	81.1	121.7#	

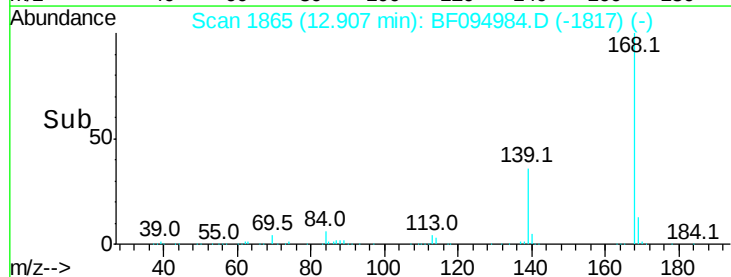
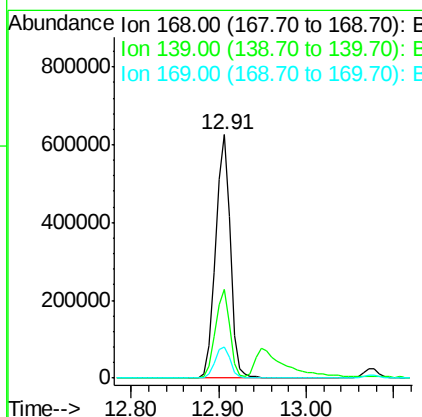
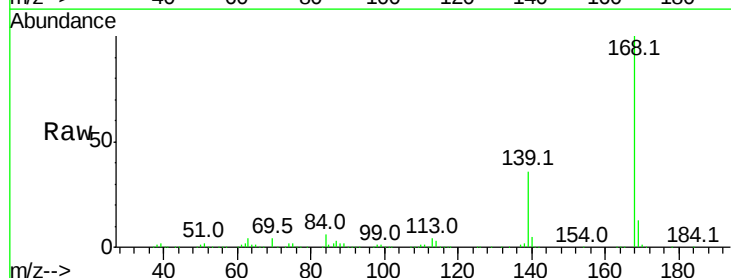
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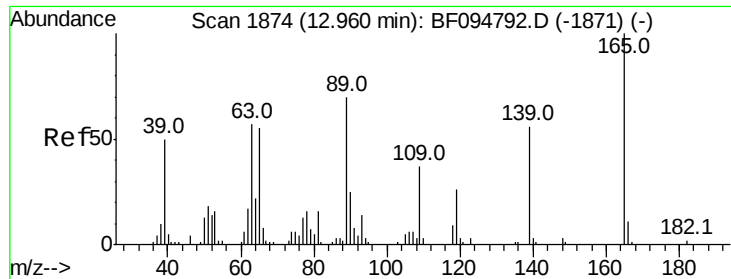
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#54
 Dibenzofuran
 Concen: 48.60 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	737127		
139	36.5	30.6	45.8	
169	13.0	10.8	16.2	





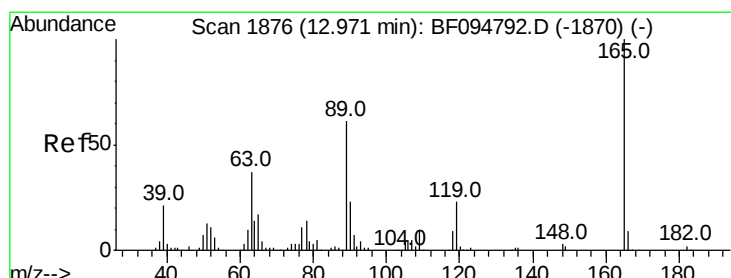
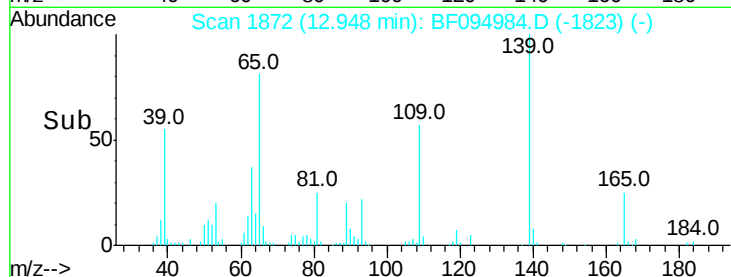
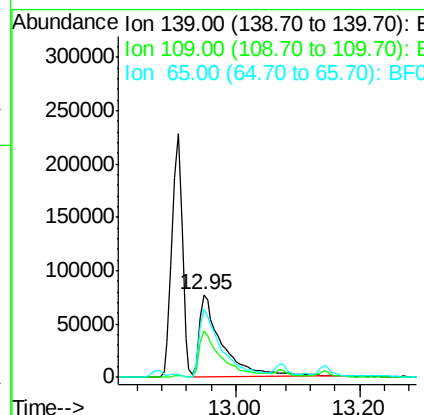
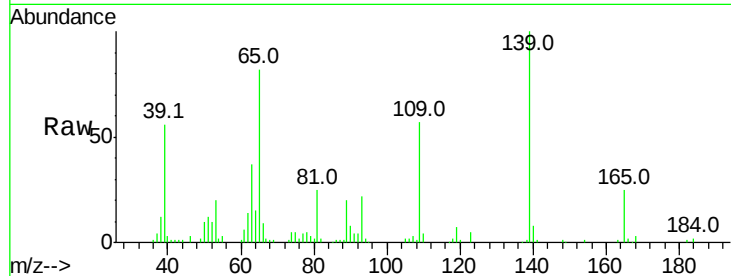
#55
4-Nitrophenol
Concen: 105.68 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	196611		
109	56.5	34.1	74.1	
65	82.3	31.4	71.4	

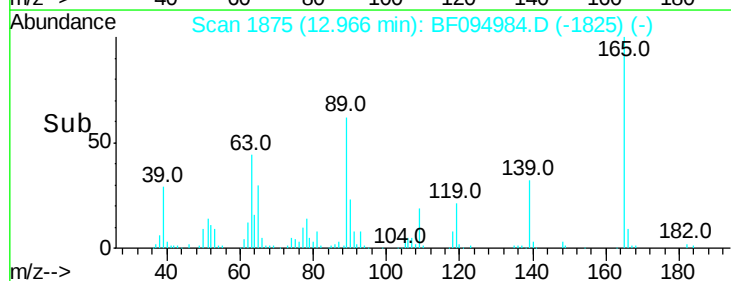
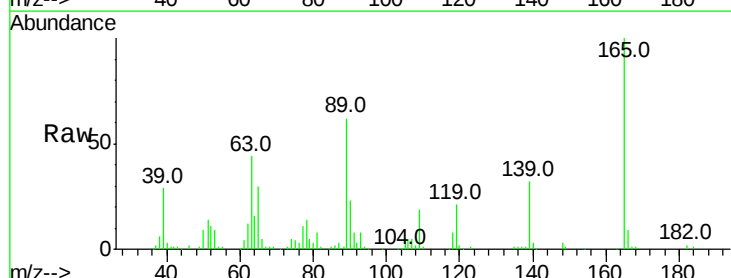
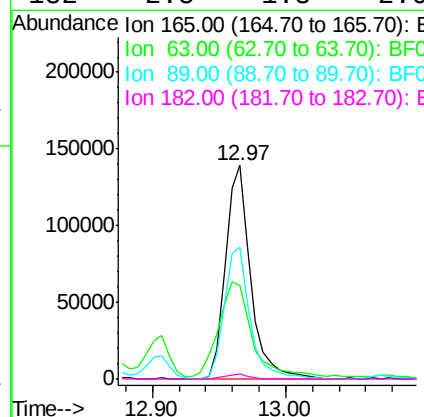
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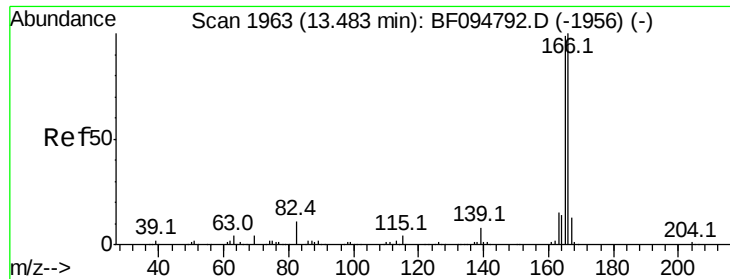
mohammad
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#56
2,4-Dinitrotoluene
Concen: 49.94 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	185179		
63	44.0	25.4	38.0	
89	61.7	46.4	69.6	
182	2.5	1.8	2.6	





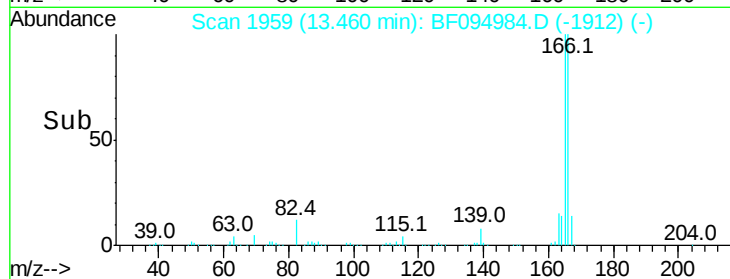
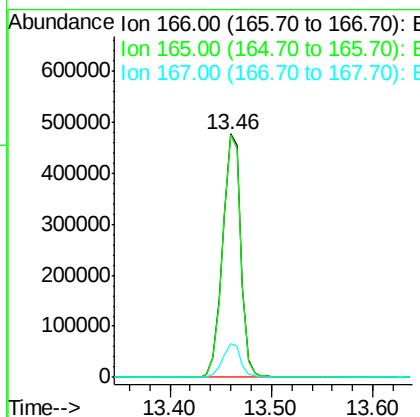
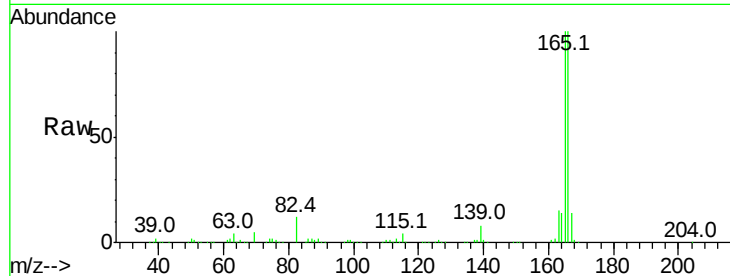
#57
 Fluorene
 Concen: 44.95 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	592775		
165	99.8	78.8	118.2	
167	13.8	10.6	16.0	

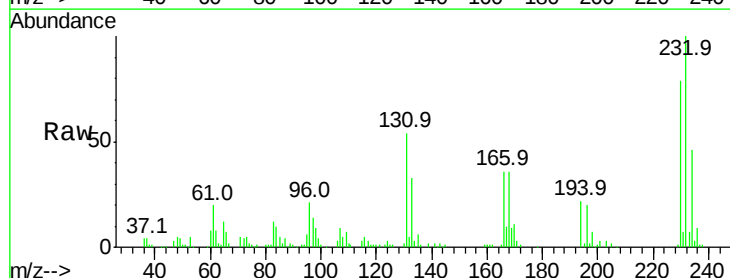
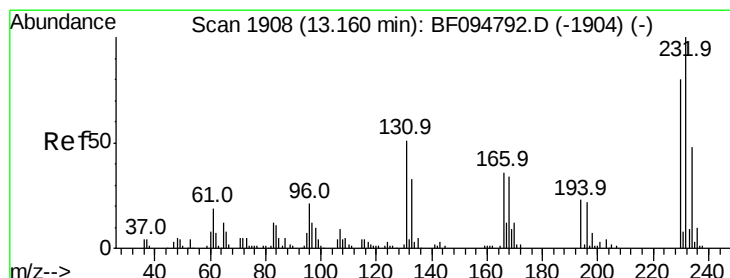
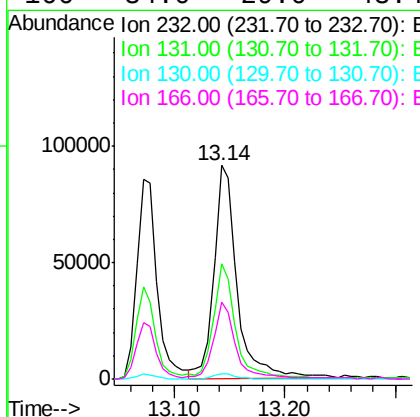
Manual Integrations
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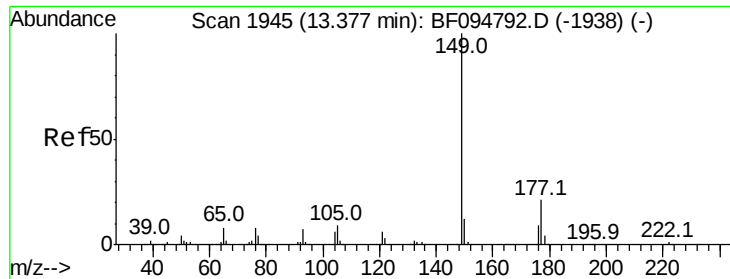
mohammad
 5/9/2017 5:02:26 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.99 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131614		
131	52.0	44.8	67.2	
130	2.3	2.3	3.5#	
166	34.0	29.0	43.4	





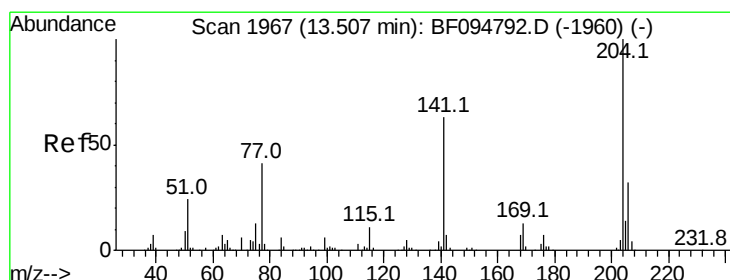
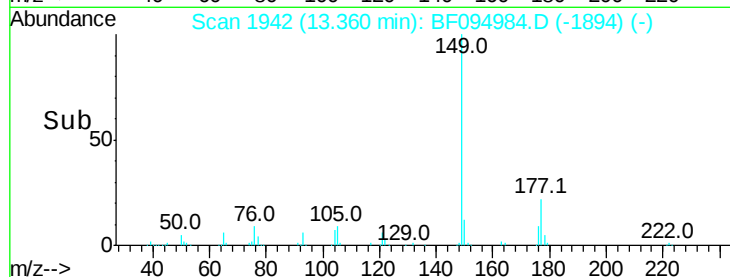
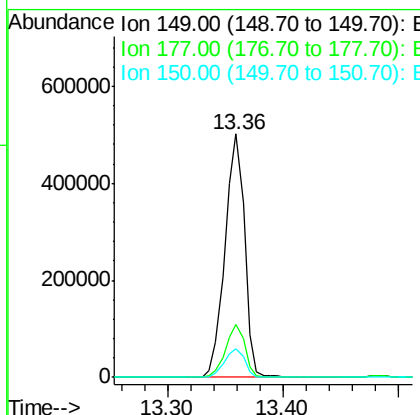
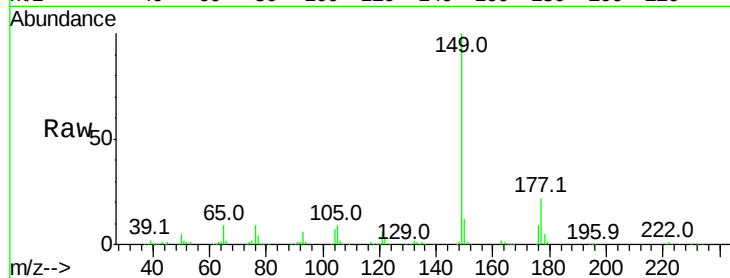
#59
Diethylphthalate
Concen: 43.64 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	591641		
177	21.7	16.7	25.1	
150	12.0	10.2	15.2	

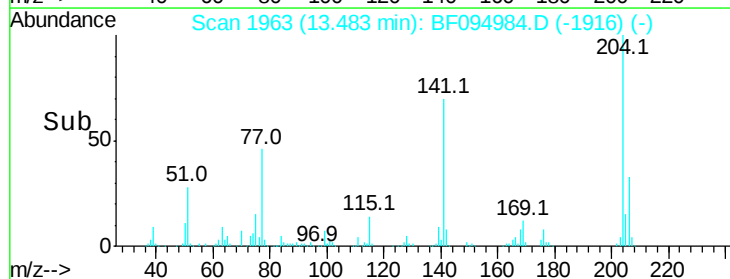
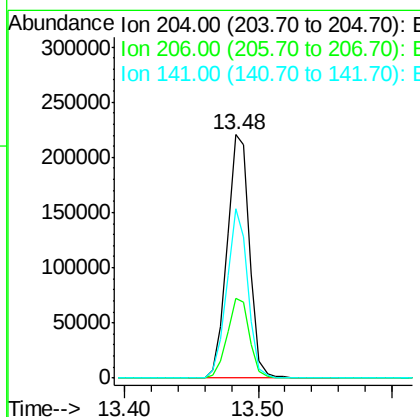
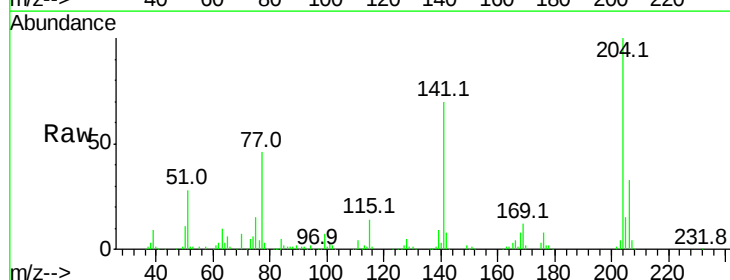
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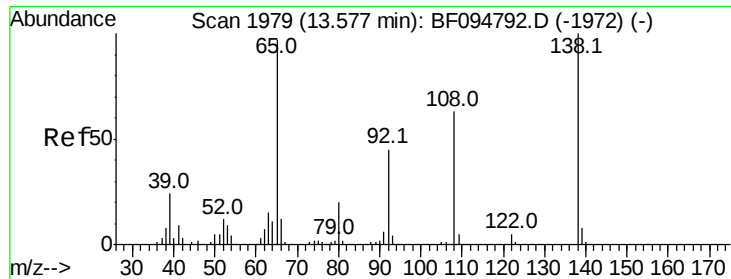
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.88 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	260101		
206	32.7	26.2	39.2	
141	69.5	60.8	91.2	





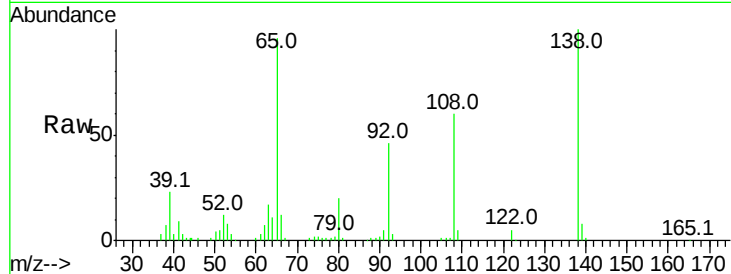
#61
4-Nitroaniline
Concen: 49.47 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampled :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	140671		
92	45.7	21.8	61.8	
108	59.7	42.3	82.3	

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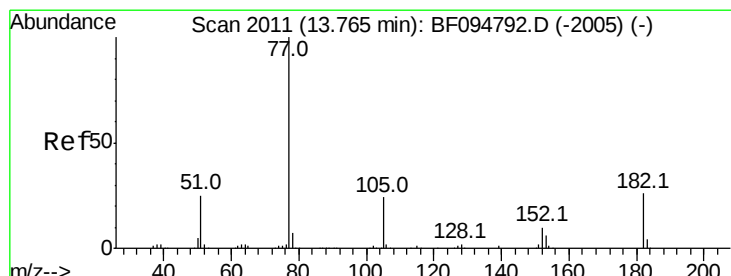
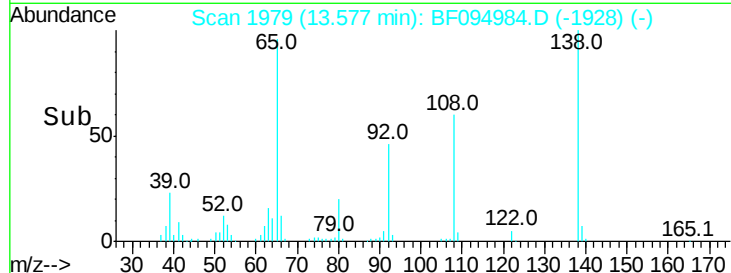
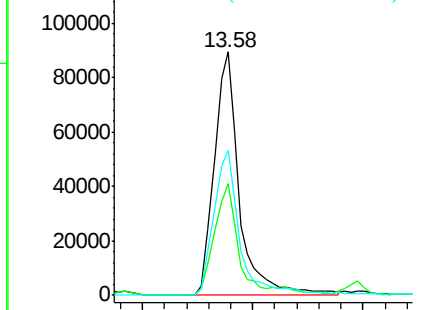


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 50.81 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	553554		
182	24.3	0.1	40.1	
105	23.9	3.6	43.6	
51	27.2	9.4	49.4	

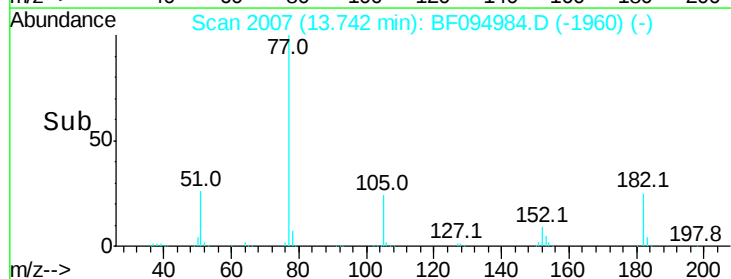
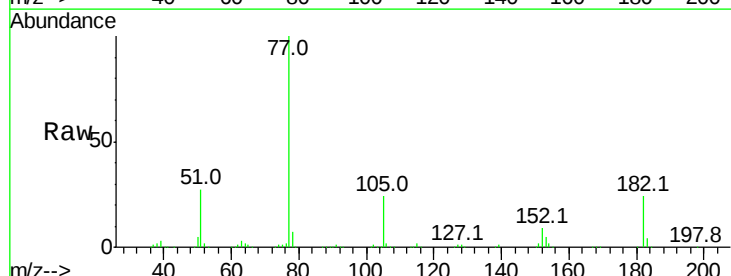
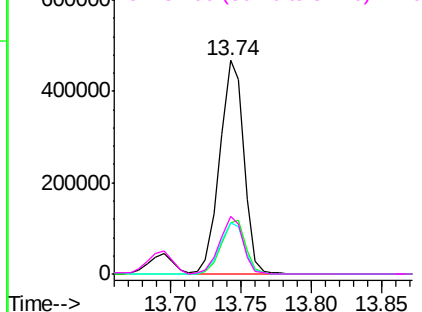
Abundance

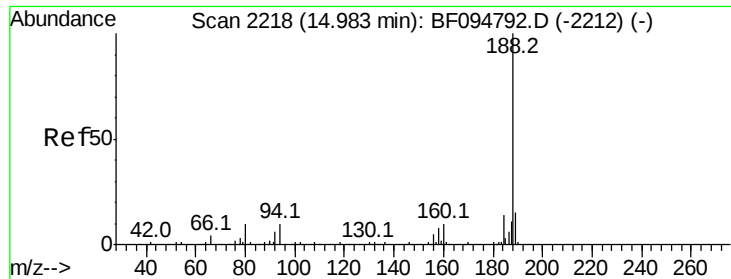
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





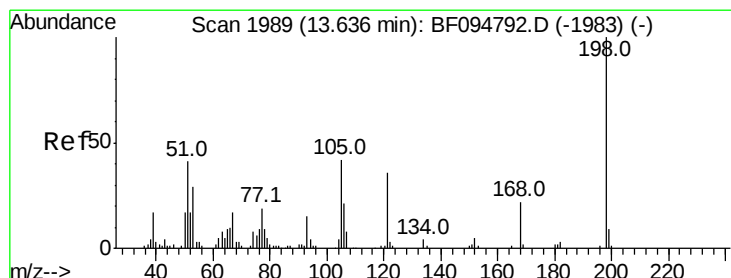
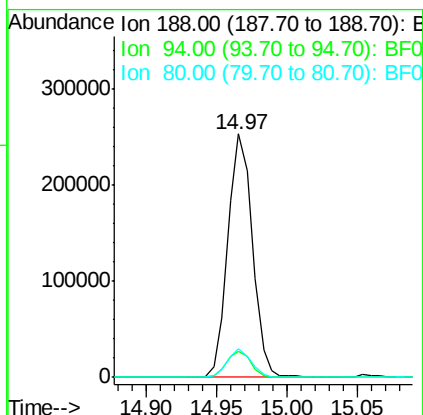
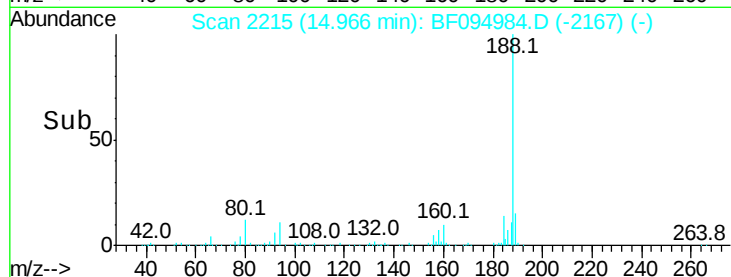
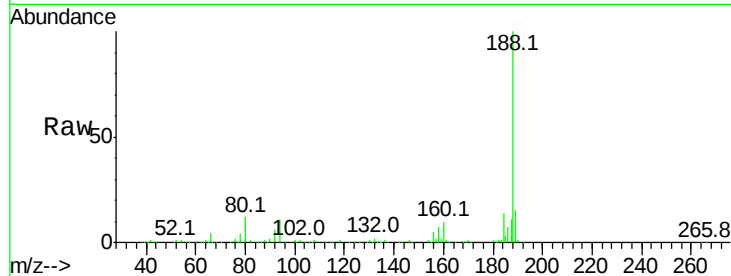
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	9.4	14.2	
80	11.6	10.2	15.2	

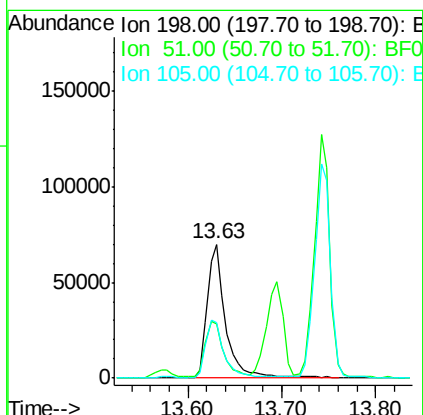
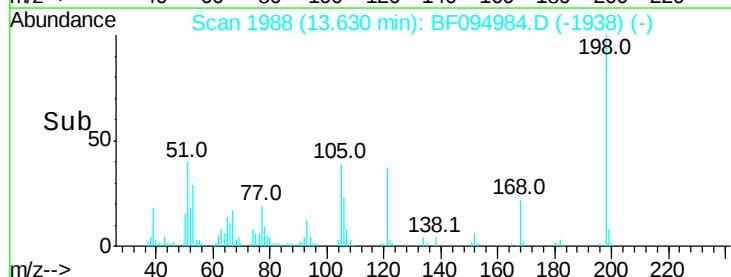
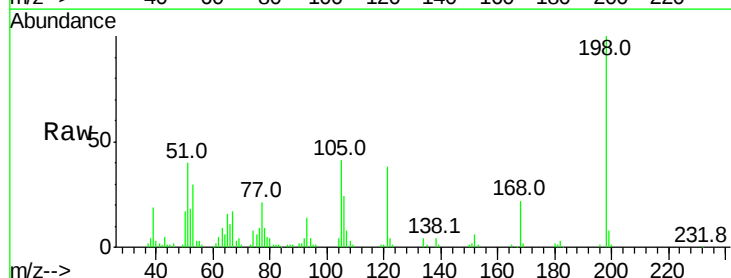
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.63 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.5	53.2	93.2#	
105	41.3	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 45.47 ng

RT: 13.70 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

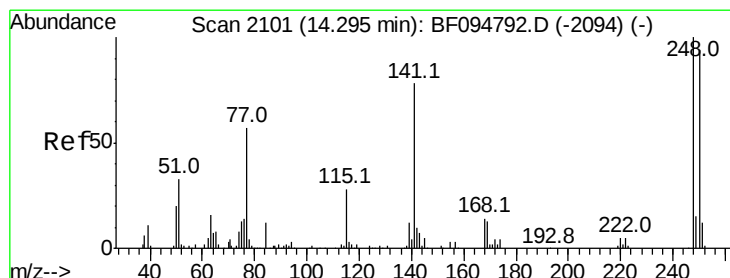
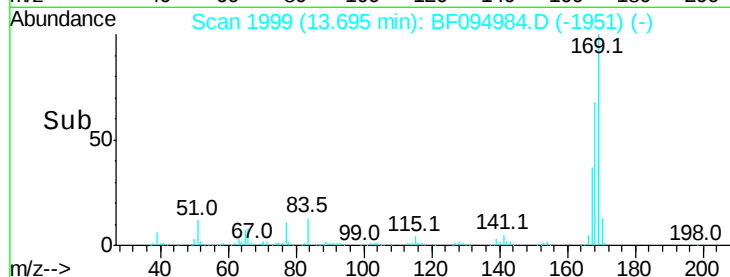
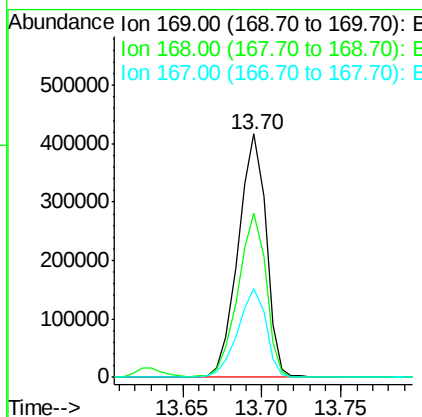
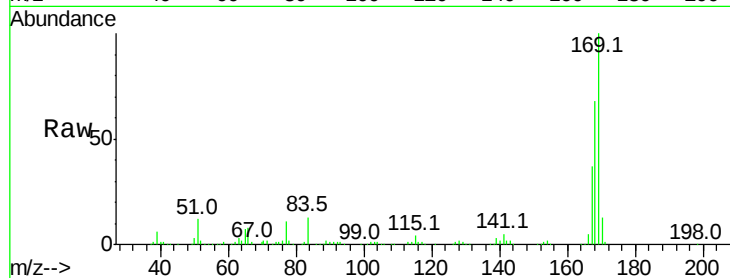
ClientSampleId :

PB98770BS

Tot Ion:	169	Resp:	509909
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	36.6	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 44.16 ng

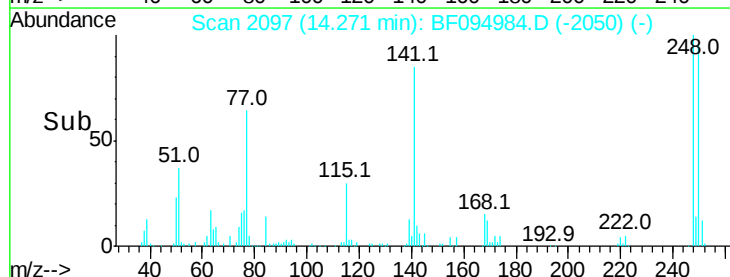
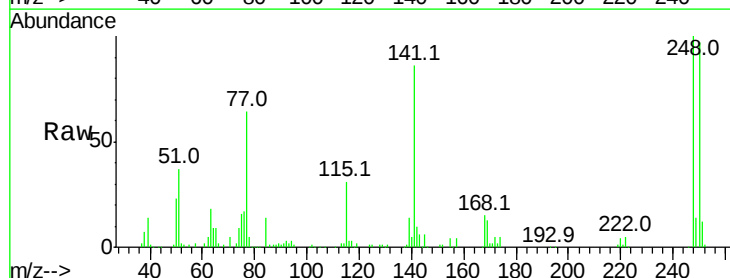
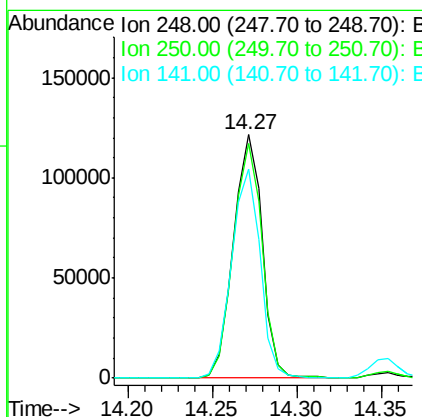
RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	248	Resp:	144153
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.8	115.2
141	85.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 44.55 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

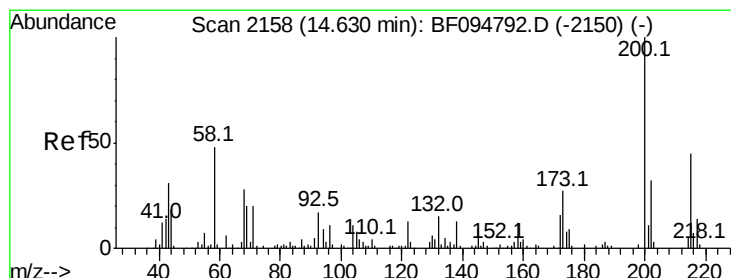
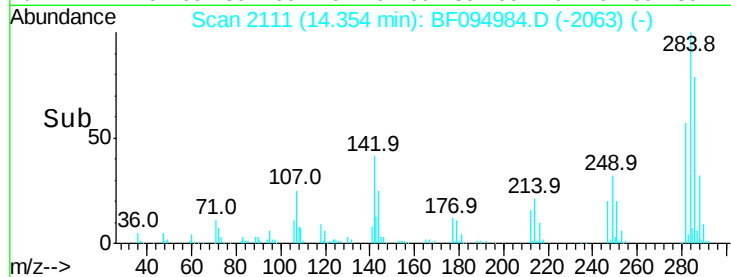
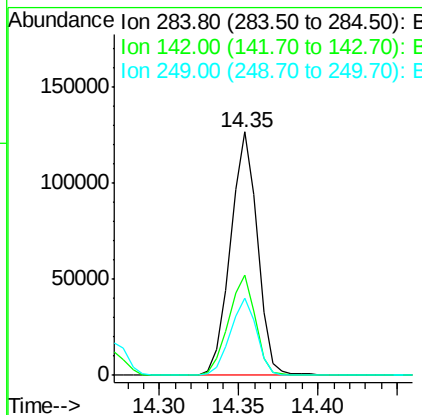
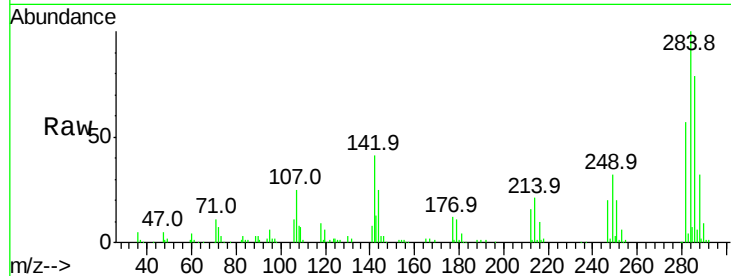
ClientSampleId :

PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	149023		
142	41.3	22.8	34.2	#
249	31.9	24.0	36.0	

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#68

Atrazine

Concen: 50.63 ng

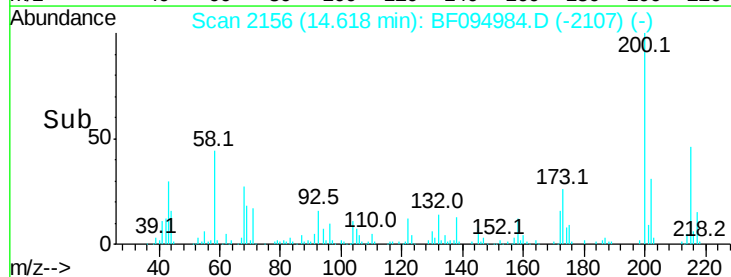
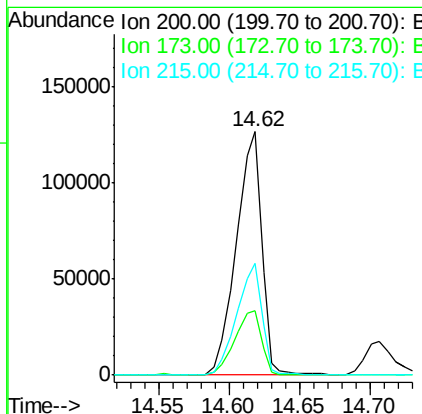
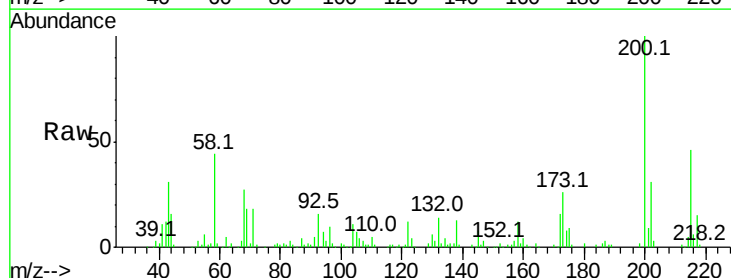
RT: 14.62 min Scan# 2156

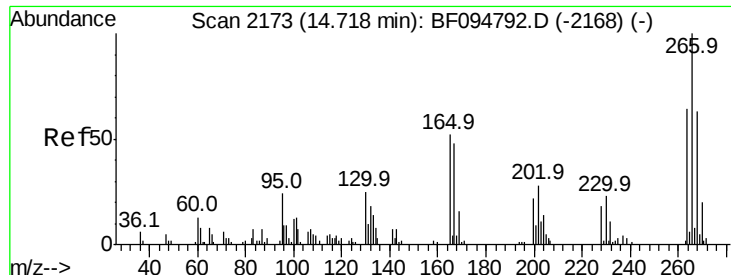
Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	160294		
173	26.3	6.3	46.3	
215	46.1	27.2	67.2	





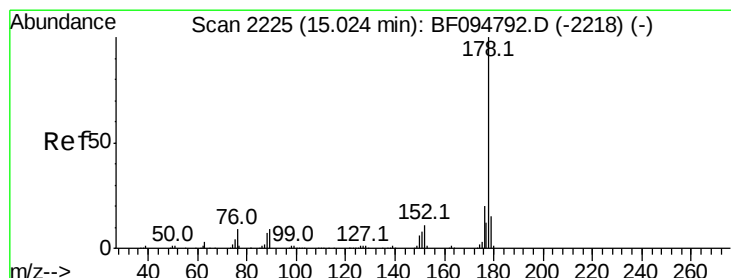
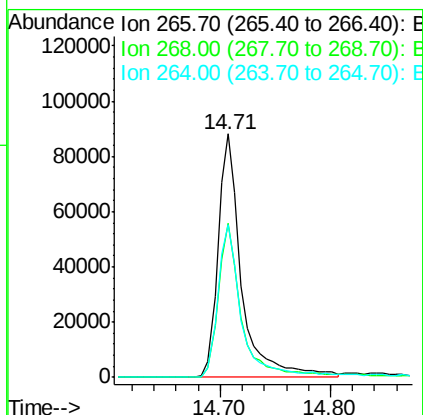
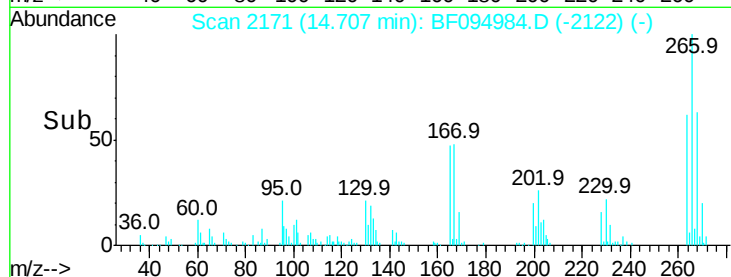
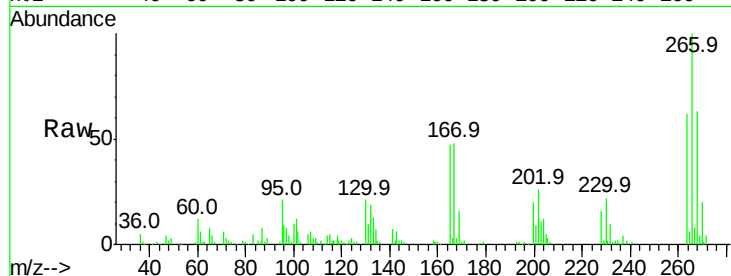
#69
 Pentachlorophenol
 Concen: 85.91 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	130641		
268	63.3		51.1	76.7
264	62.5		51.7	77.5

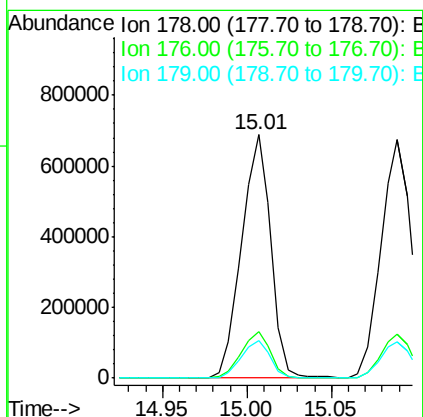
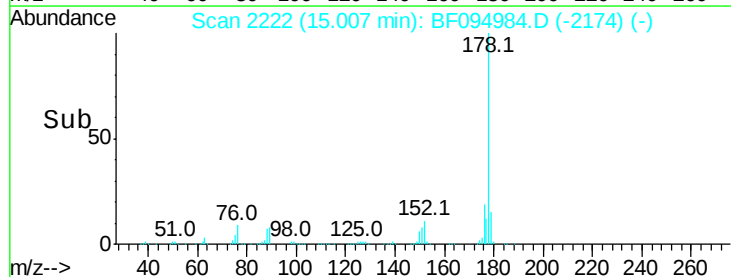
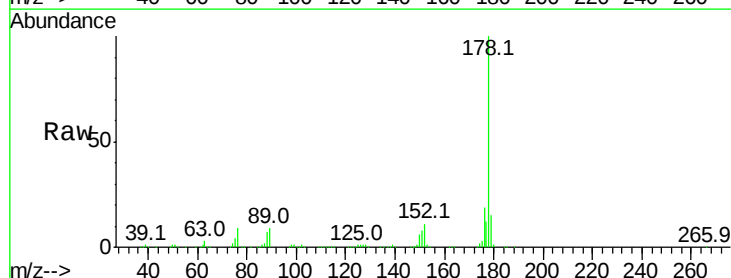
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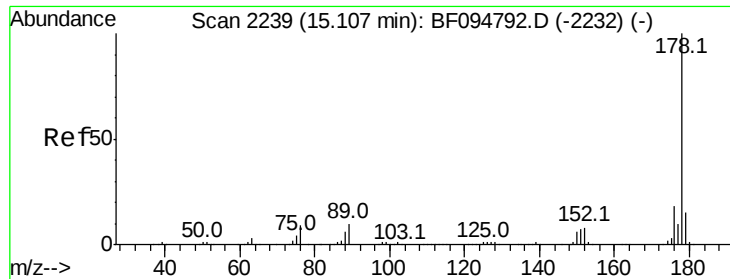
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#70
 Phenanthrene
 Concen: 46.76 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	830019		
176	19.4		16.2	24.4
179	15.4		12.6	19.0





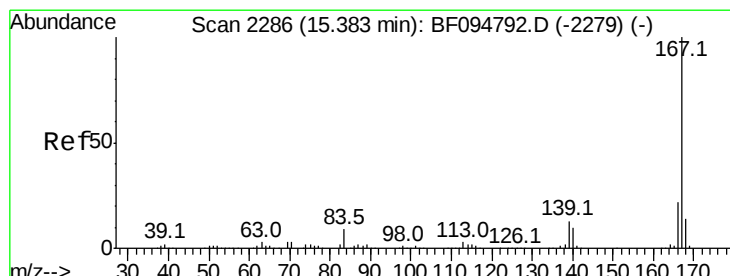
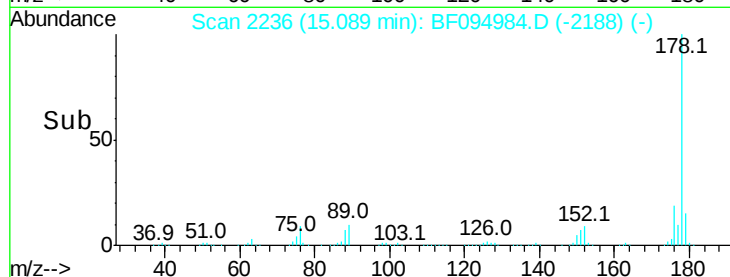
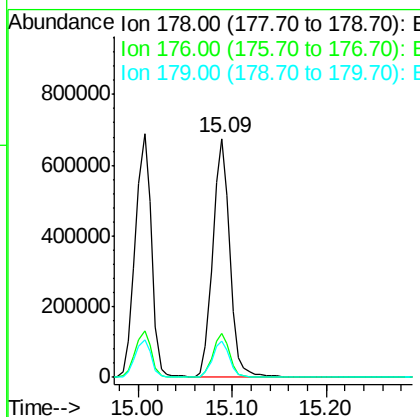
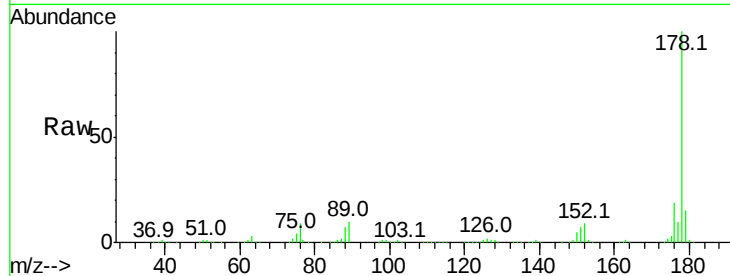
#71
 Anthracene
 Concen: 47.82 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.3	12.7	19.1

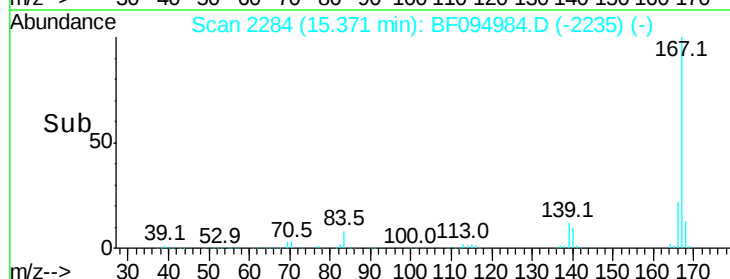
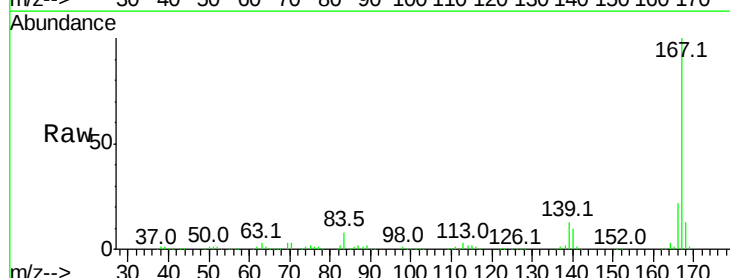
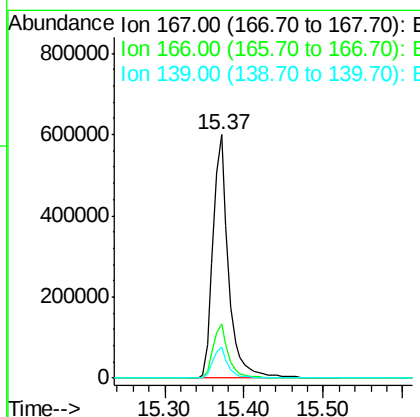
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#72
 Carbazole
 Concen: 49.43 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.8	11.7	17.5





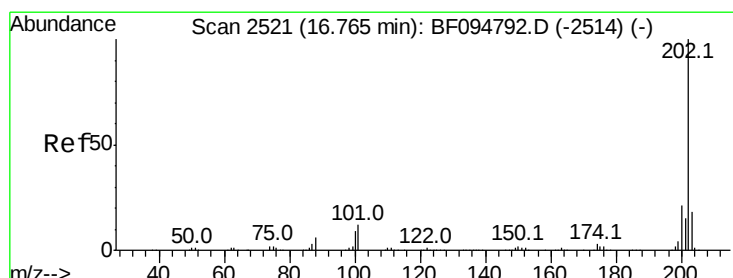
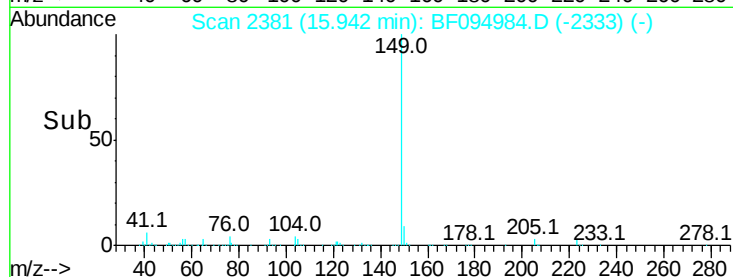
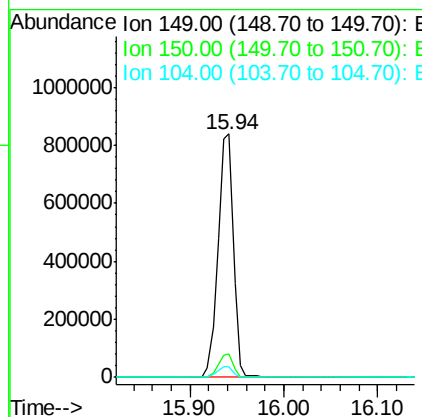
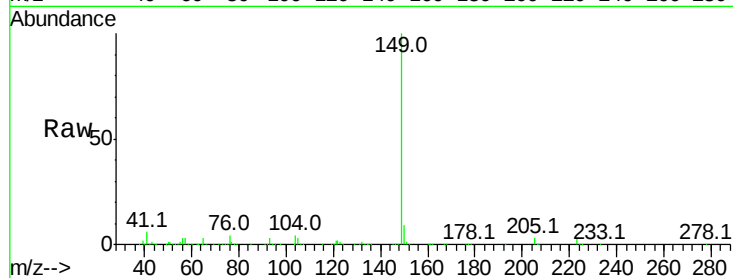
#73
Di-n-butylphthalate
Concen: 47.33 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
Client Sampled :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.7	11.5	
104	4.3	4.0	6.0	

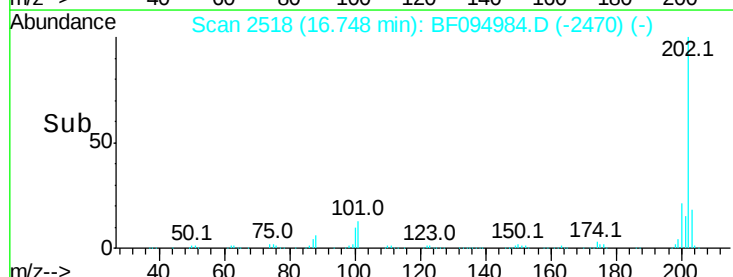
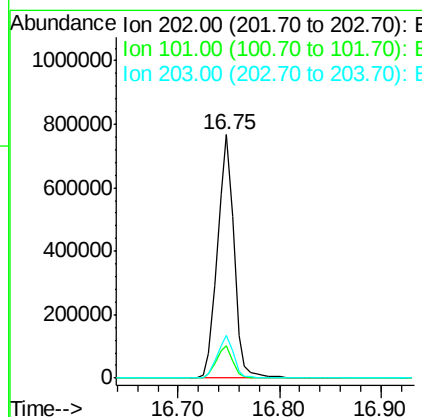
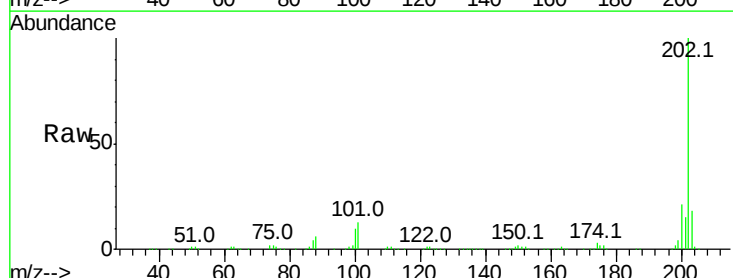
Manual Integrations
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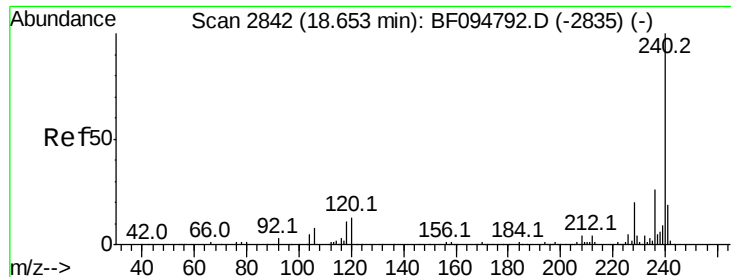
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#74
Fluoranthene
Concen: 47.99 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.4	0.0	33.2	
203	17.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

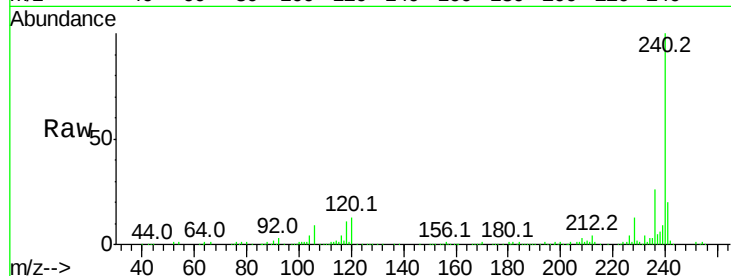
ClientSampleId :

PB98770BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	25.5	20.5	30.7

Manual Integrations
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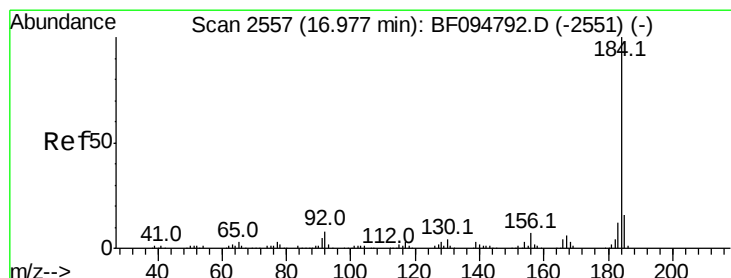
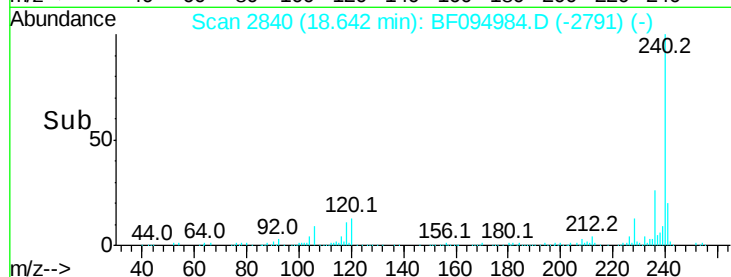
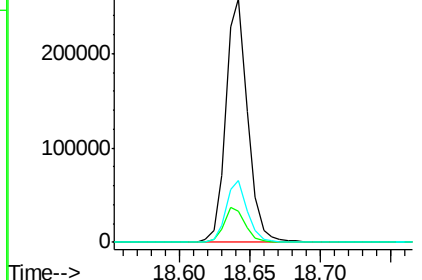
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.71 ng

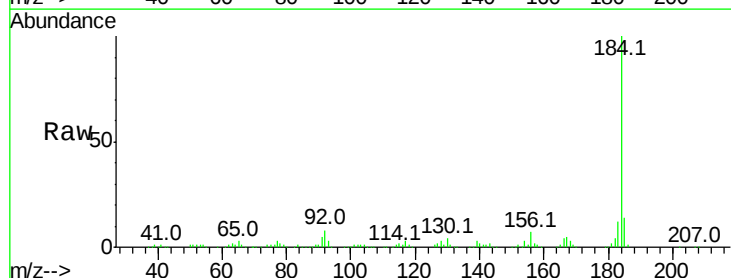
RT: 16.97 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

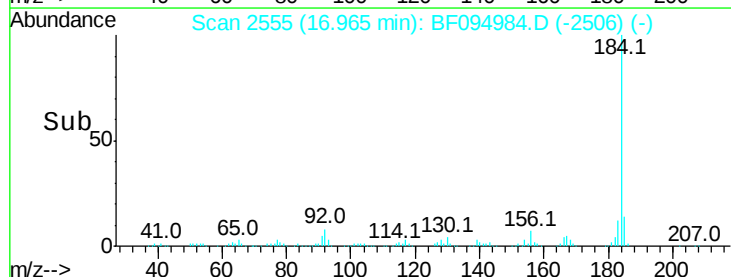
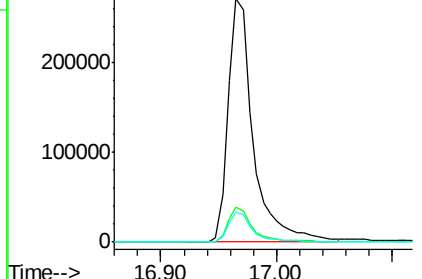
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	12.4	9.8	14.6

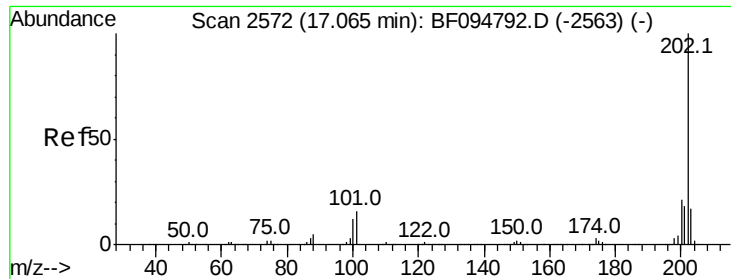


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





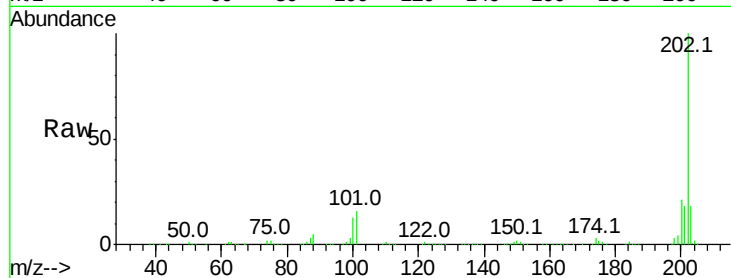
#77
Pvrene
Concen: 42.44 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	882036		
200	21.2		17.6	26.4
203	18.3		14.4	21.6

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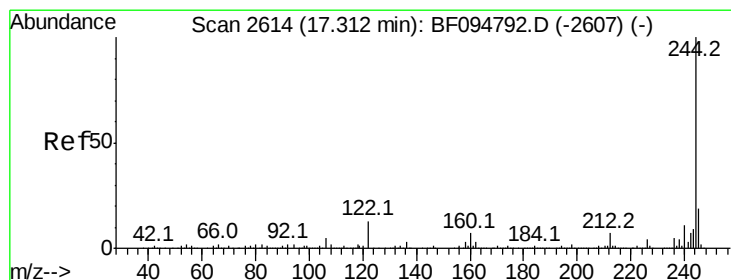
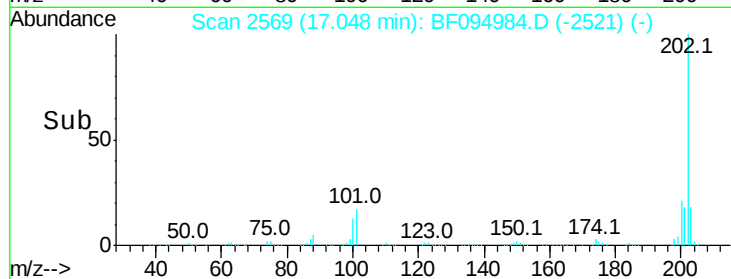
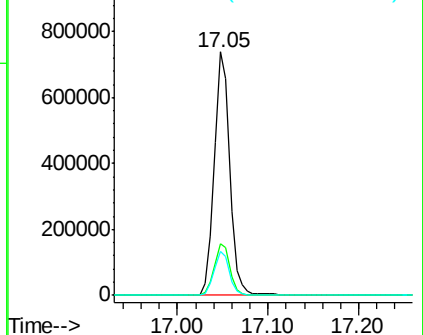


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 80.51 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

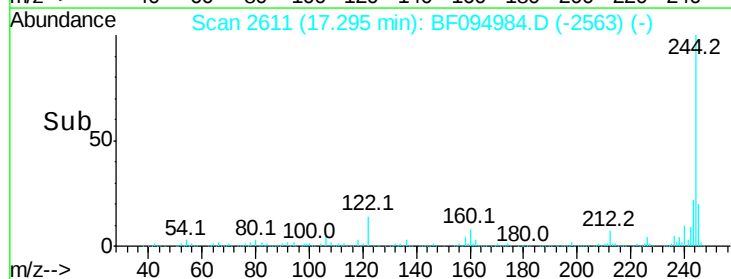
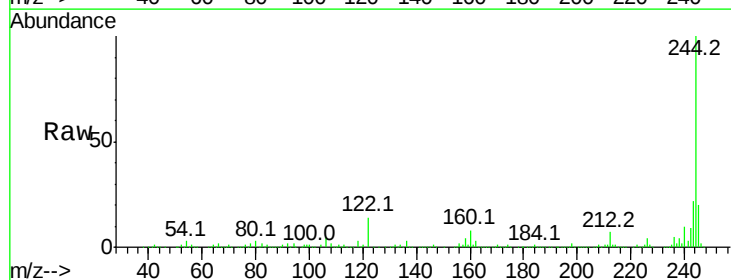
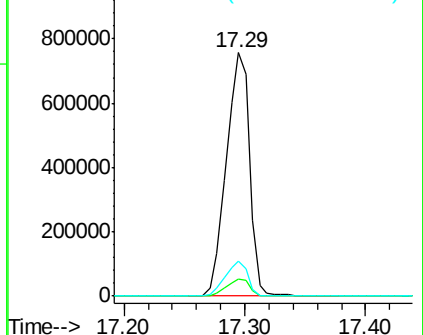
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1015682		
212	7.0		6.0	9.0
122	14.2		10.3	15.5

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





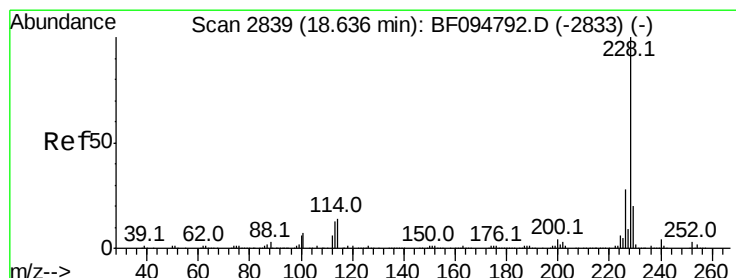
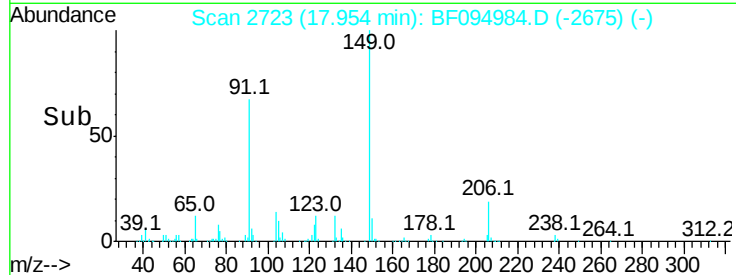
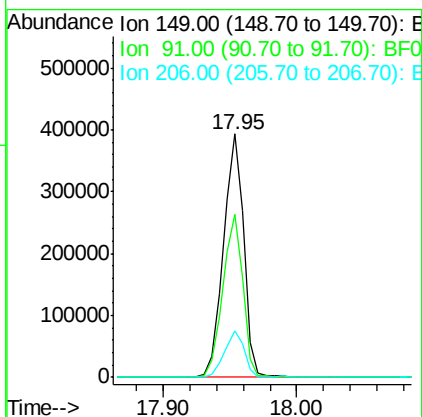
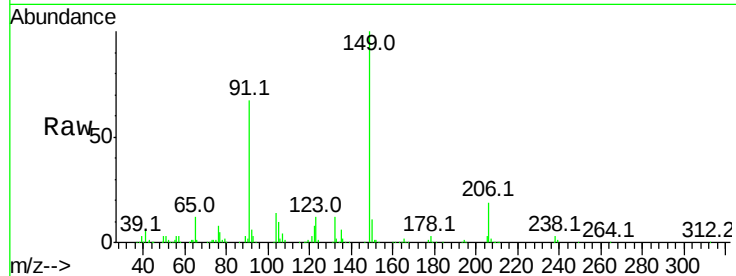
#79
Butylbenzylphthalate
Concen: 43.94 ng
RT: 17.95 min Scan# 2723
Delta R.T. -0.02 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleID :
PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	424748		
91	66.9	45.0	67.4	
206	18.9	17.0	25.6	

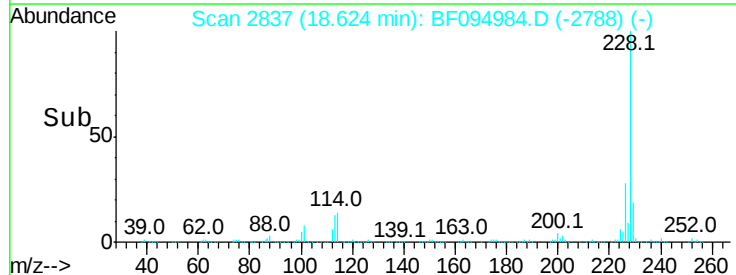
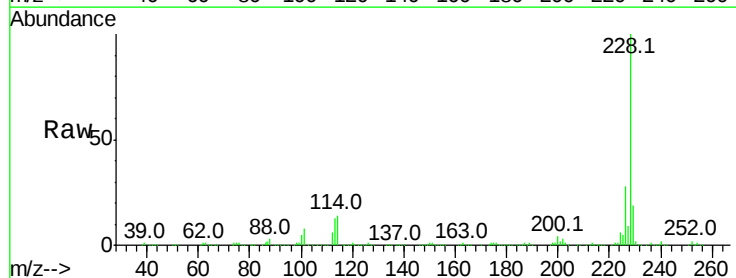
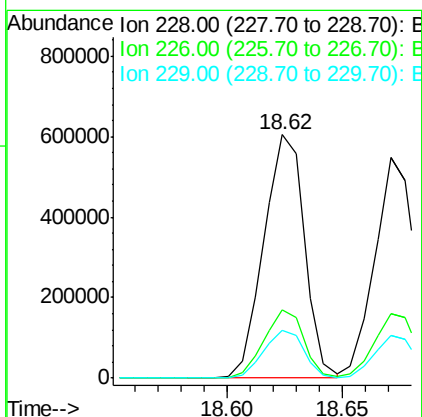
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#80
Benzo(a)anthracene
Concen: 45.65 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	738282		
226	27.9	22.6	33.8	
229	19.5	16.3	24.5	





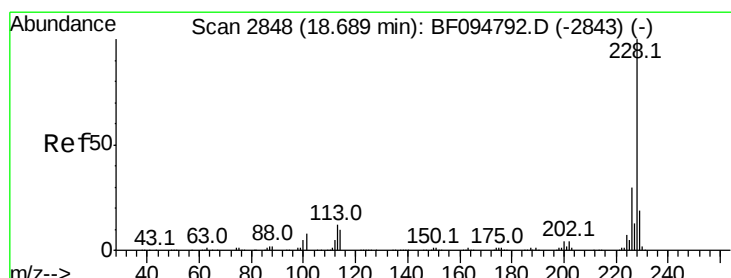
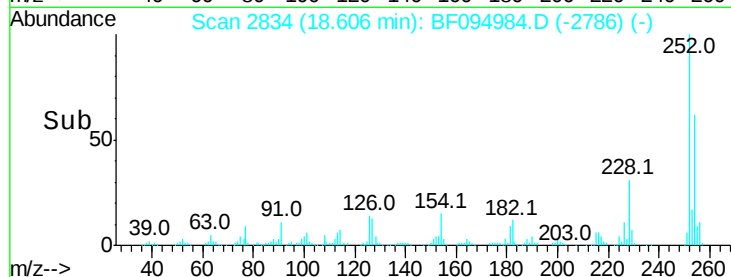
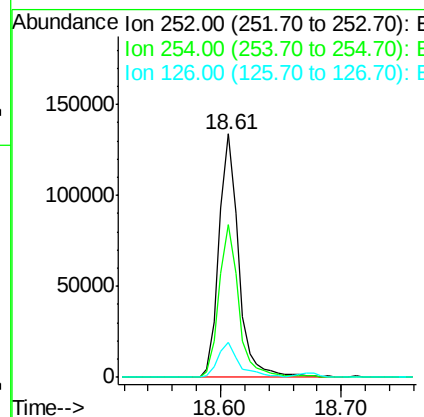
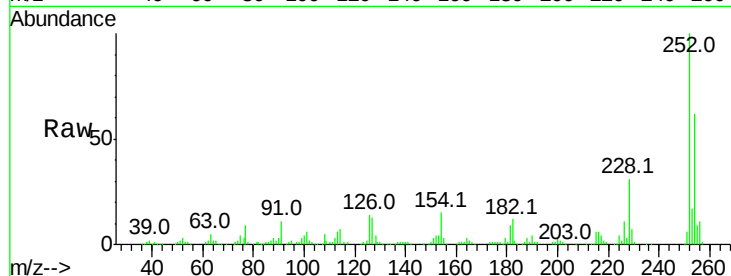
#81
 3,3'-Dichlorobenzidine
 Concen: 26.82 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	62.5	51.5	77.3	
126	14.4	15.8	23.8	

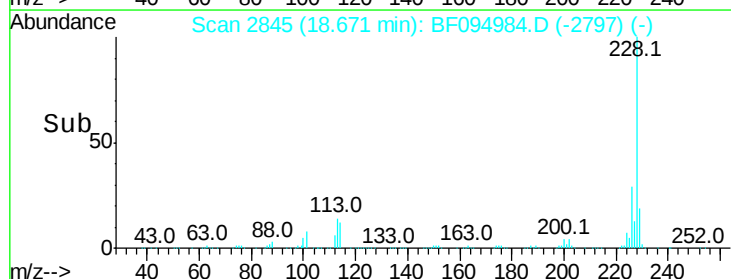
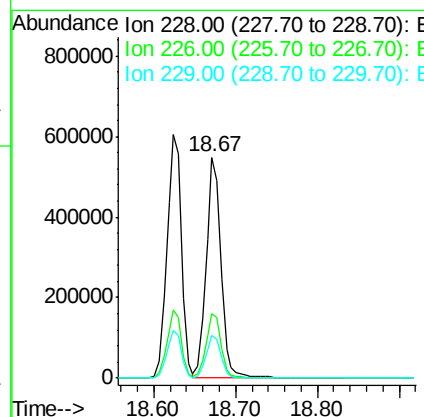
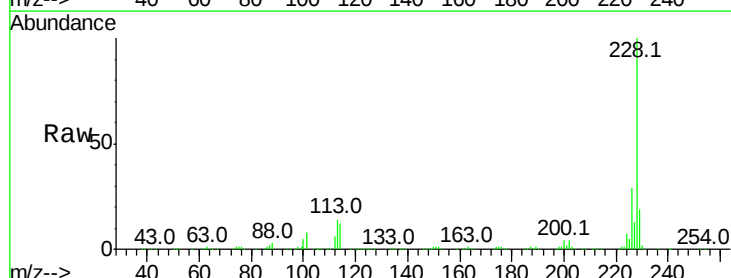
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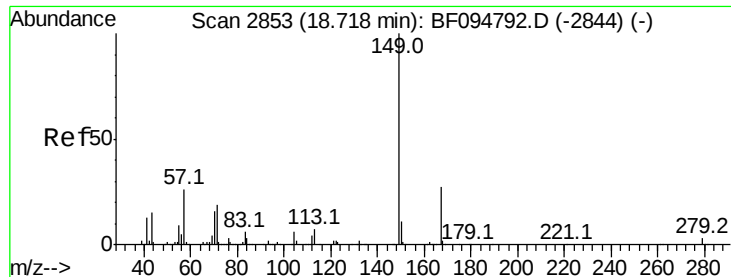
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#82
 Chrysene
 Concen: 44.24 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.4	24.9	37.3	
229	19.3	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.32 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB98770BS

Tot Ion:149 Resp: 582838

Ion Ratio Lower Upper

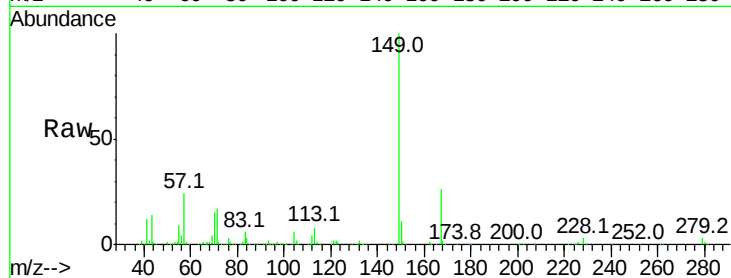
149 100

167 26.3 21.0 31.4

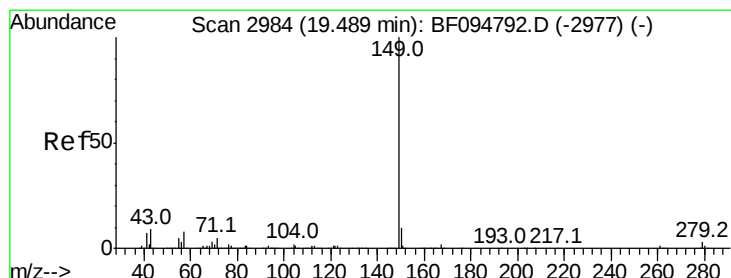
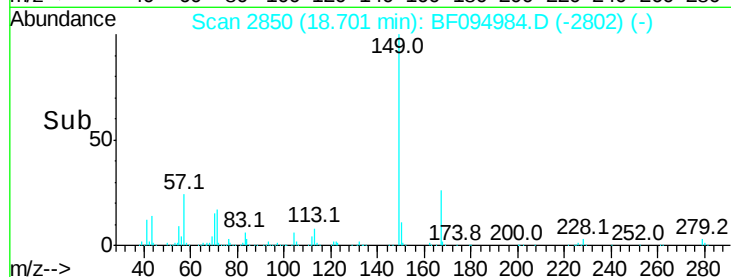
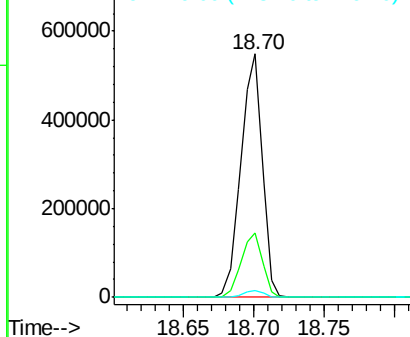
279 3.0 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 43.93 ng

RT: 19.47 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

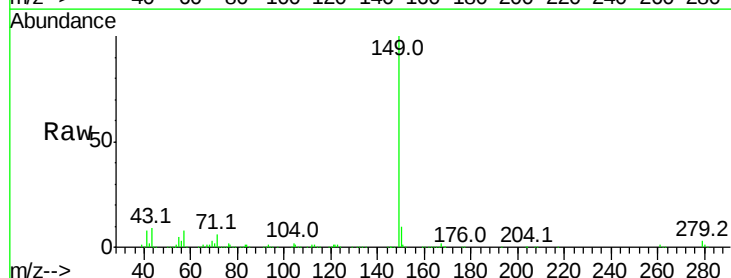
Tgt Ion:149 Resp: 991886

Ion Ratio Lower Upper

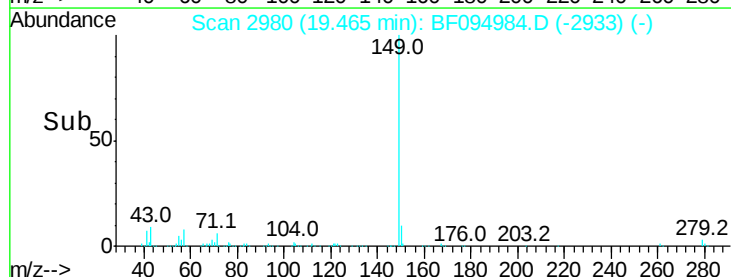
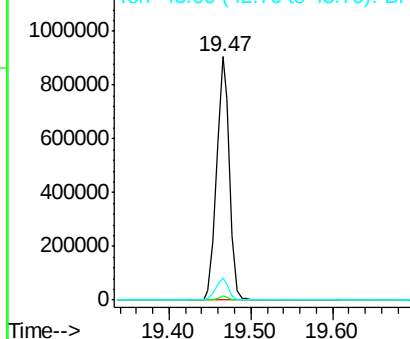
149 100

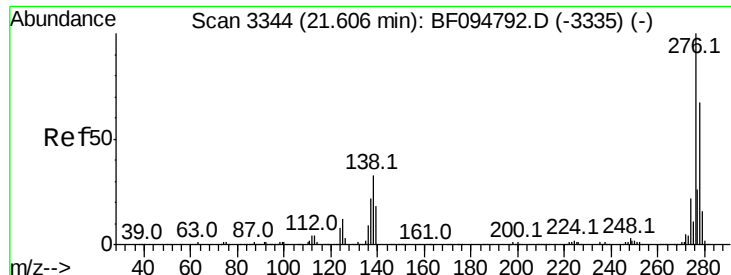
167 1.5 1.2 1.8

43 8.8 8.5 12.7



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





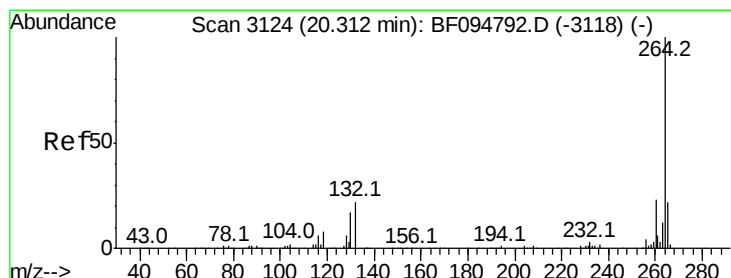
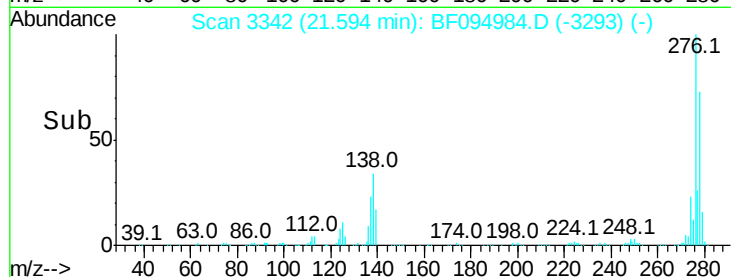
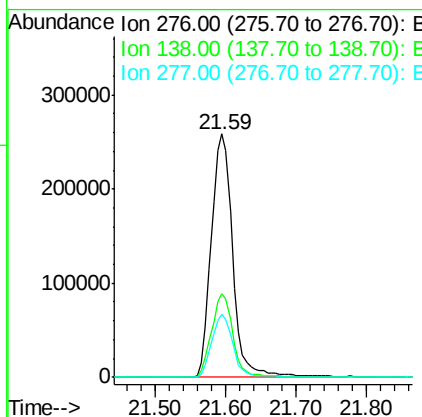
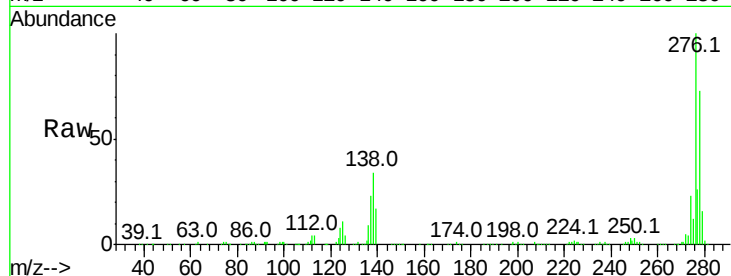
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.03 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.9	20.2	30.4

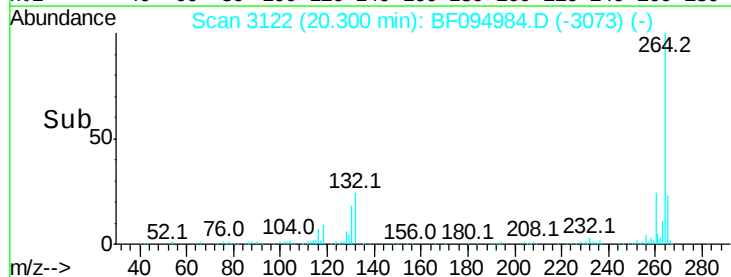
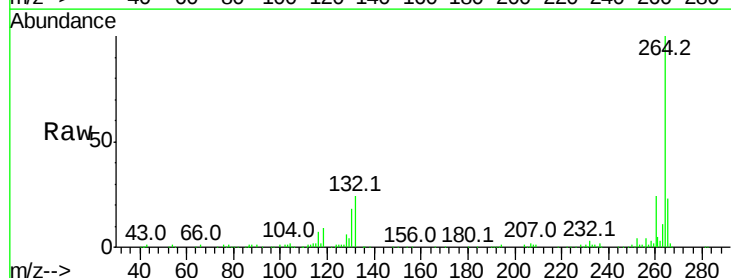
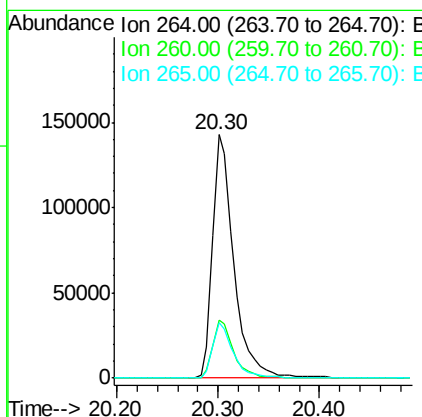
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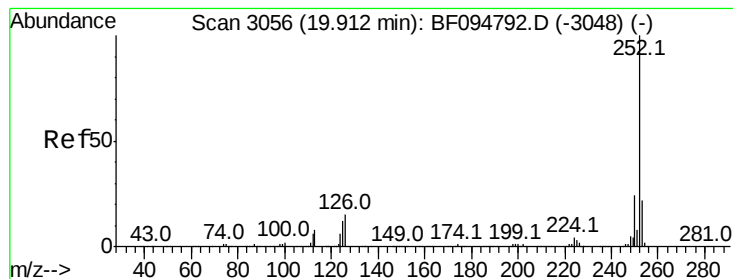
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094984.D
Acq: 8 May 2017 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 50.46 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

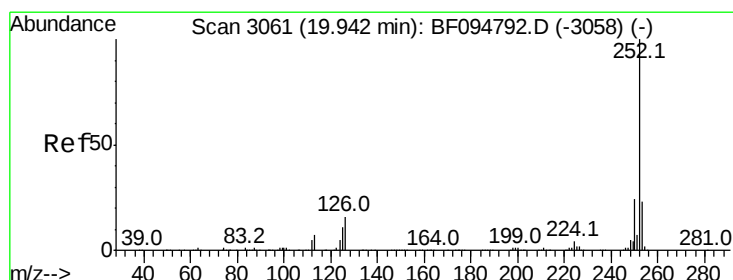
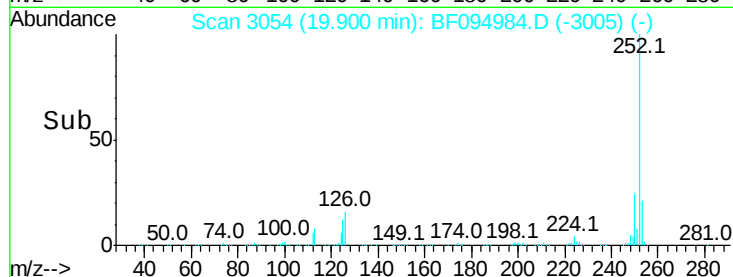
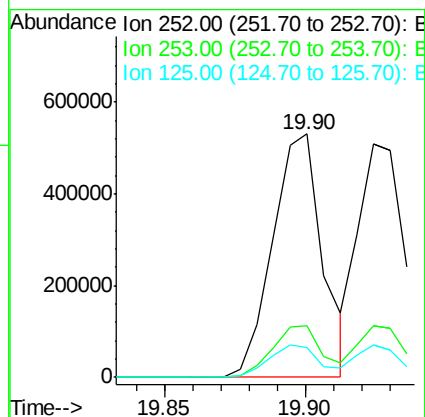
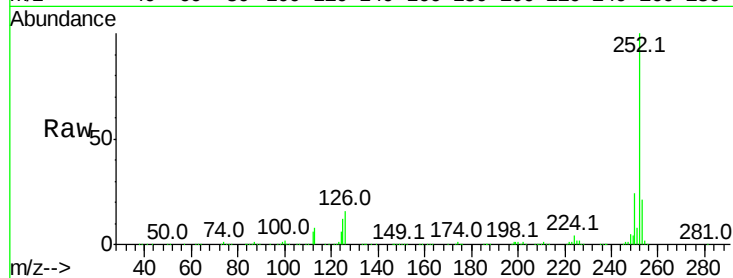
ClientSampleId :

PB98770BS

Tot Ion:	252	Resp:	650647
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	12.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 49.50 ng

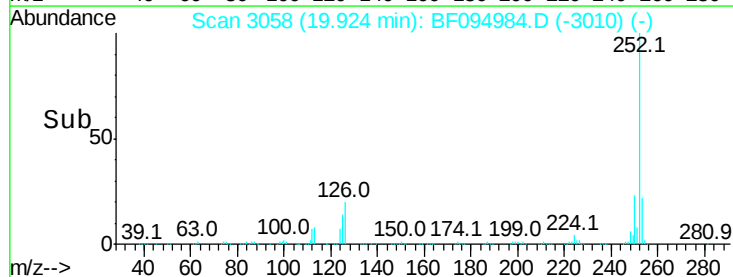
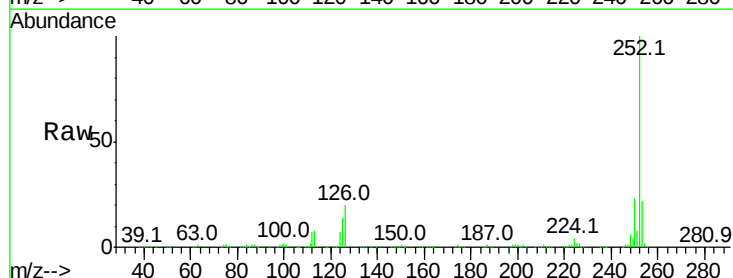
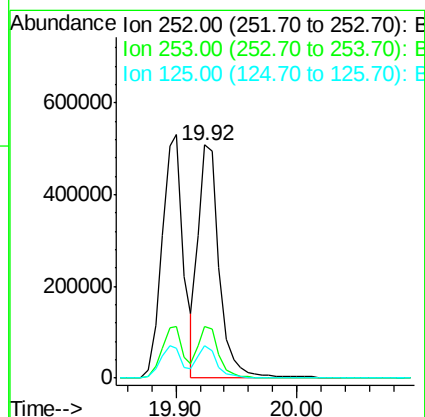
RT: 19.92 min Scan# 3058

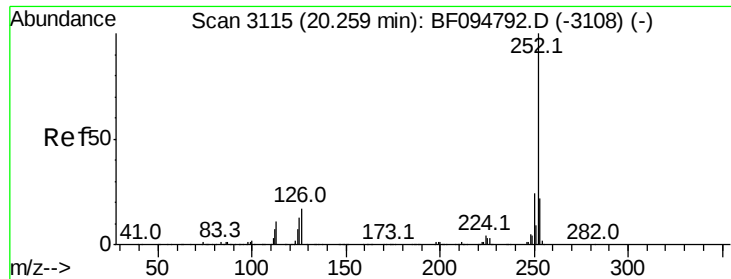
Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	252	Resp:	615686
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	13.7	13.1	19.7





#89

Benzo(a)pyrene

Concen: 48.24 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Instrument :

BNA_F

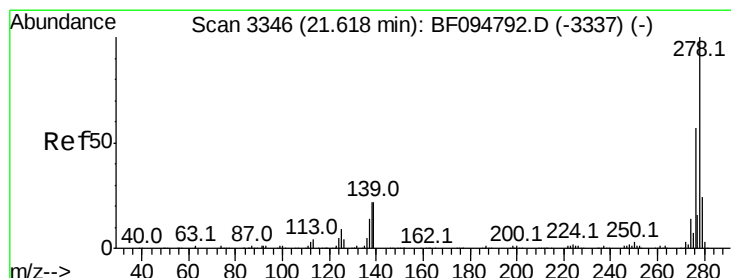
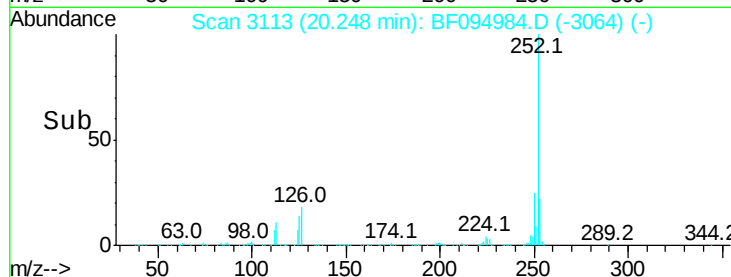
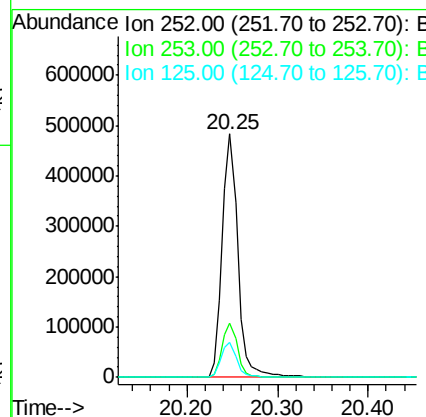
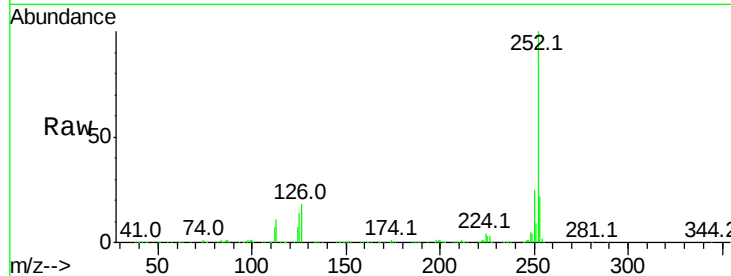
ClientSampleId :

PB98770BS

Tot Ion:	252	Resp:	573970
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	14.5	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 46.64 ng

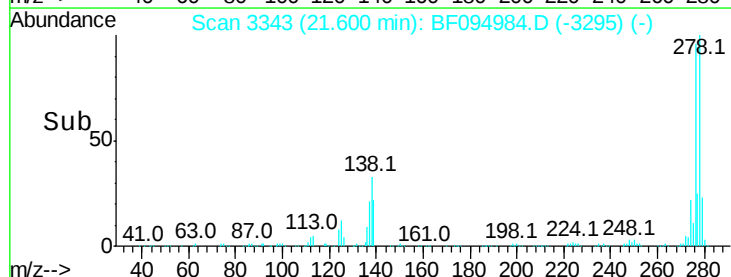
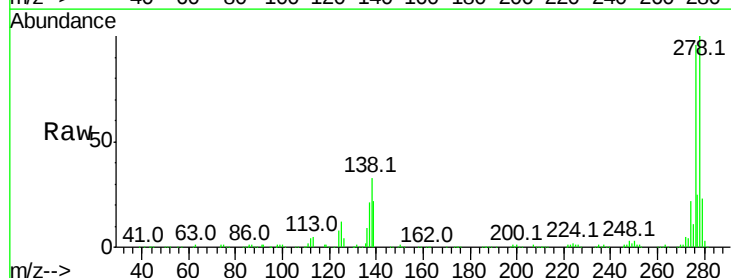
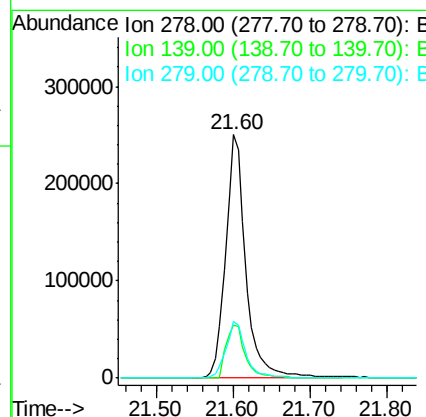
RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF094984.D

Acq: 8 May 2017 17:22

Tgt Ion:	278	Resp:	458362
Ion Ratio	Lower	Upper	
278	100		
139	22.0	16.6	24.8
279	23.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.35 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094984.D
 Acq: 8 May 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB98770BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	29.3	25.4	38.0

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