

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095962.D
 Acq On : 16 Jun 2017 18:41
 Operator : SJ/MA
 Sample : PB99832BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Manual Integrations
 APPROVED

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 6/19/2017 3:47:00 PM

Quant Time: Jun 17 00:02:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63927	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	264085	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	117724	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	195464	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121182	20.00	ng	0.00
86) Perylene-d12	19.96	264	124291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	581822	145.03	ng	0.01
7) Phenol-d6	6.91	99	680062	141.59	ng	0.00
23) Nitrobenzene-d5	8.25	82	404857	95.21	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	137176	131.70	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	789878	93.37	ng	0.00
78) Terphenyl-d14	16.94	244	533112	109.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	68074	35.67	ng	95
3) Pyridine	2.25	79	176286	39.30	ng	97
4) n-Nitrosodimethylamine	2.22	42	76185	44.68	ng	# 76
6) Aniline	6.83	93	186598	29.70	ng	95
8) 2-Chlorophenol	7.02	128	208495	48.88	ng	93
9) Benzaldehyde	6.64	77	56842	17.55	ng	97
10) Phenol	6.92	94	253449	50.87	ng	89
11) bis(2-Chloroethyl)ether	6.97	93	184182	46.67	ng	97
12) 1,3-Dichlorobenzene	7.22	146	214190	44.36	ng	98
13) 1,4-Dichlorobenzene	7.35	146	219149	44.76	ng	96
14) 1,2-Dichlorobenzene	7.58	146	208119	46.11	ng	96
15) Benzyl Alcohol	7.63	79	164719	49.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	255086	46.00	ng	97
17) 2-Methylphenol	7.87	107	172319	48.14	ng	94
18) Hexachloroethane	8.10	117	72779	45.01	ng	# 85
19) n-Nitroso-di-n-propylamine	8.06	70	142455	46.80	ng	95
20) 3+4-Methylphenols	8.14	107	222498	48.96	ng	# 59
22) Acetophenone	8.02	105	287309	46.48	ng	# 85
24) Nitrobenzene	8.27	77	205170	45.17	ng	92
25) Isophorone	8.67	82	360022	45.34	ng	96
26) 2-Nitrophenol	8.79	139	115995	48.77	ng	98
27) 2,4-Dimethylphenol	8.94	122	181409	49.14	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	235804	45.05	ng	100
29) 2,4-Dichlorophenol	9.22	162	168759	47.47	ng	99
30) 1,2,4-Trichlorobenzene	9.29	180	169343	45.78	ng	100
31) Naphthalene	9.39	128	591844	44.66	ng	99
32) Benzoic acid	9.32	122	92933	41.11	ng	96
33) 4-Chloroaniline	9.55	127	97296	18.78	ng	# 91
34) Hexachlorobutadiene	9.61	225	84517	44.22	ng	99
35) Caprolactam	10.17	113	54730m	51.74	ng	
36) 4-Chloro-3-methylphenol	10.43	107	179254	48.17	ng	89
37) 2-Methylnaphthalene	10.52	142	408927	45.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	158956	45.12	ng	98
40) Hexachlorocyclopentadiene	10.76	237	42248	44.12	ng	97

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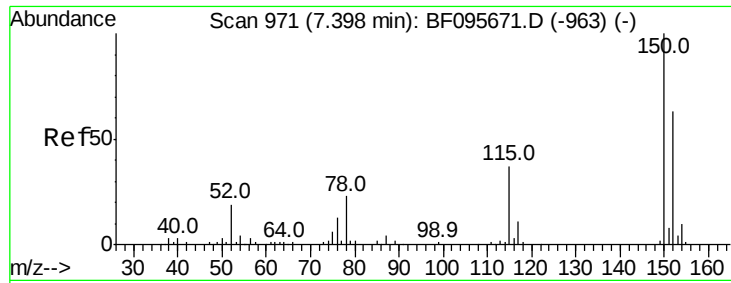
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	108994	48.11	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	104583	43.40	nq	91
45) 1,1'-Biphenyl	11.29	154	452204	46.61	nq	96
46) 2-Chloronaphthalene	11.30	162	350281	46.20	nq	95
47) 2-Nitroaniline	11.52	65	103075	46.46	nq	88
48) Acenaphthylene	11.94	152	544896	42.03	nq	99
49) Dimethylphthalate	11.84	163	414930	46.42	nq	98
50) 2,6-Dinitrotoluene	11.94	165	86922	44.58	nq	# 73
51) Acenaphthene	12.23	154	325559	43.48	nq	98
52) 3-Nitroaniline	12.20	138	59773	26.31	nq	85
53) 2,4-Dinitrophenol	12.43	184	55992	53.09	nq	# 67
54) Dibenzofuran	12.52	168	495235	47.00	nq	97
55) 4-Nitrophenol	12.63	139	93109	70.77	nq	# 72
56) 2,4-Dinitrotoluene	12.61	165	125276	47.57	nq	# 92
57) Fluorene	13.07	166	394995	43.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.77	232	82043	49.76	nq	# 89
59) Diethylphthalate	12.99	149	395757	46.01	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	176738	44.32	nq	88
61) 4-Nitroaniline	13.21	138	83490	39.37	nq	98
62) Azobenzene	13.36	77	365559	46.89	nq	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	46720	36.36	nq	77
65) n-Nitrosodiphenylamine	13.31	169	339801	48.38	nq	99
66) 4-Bromophenyl-phenylether	13.87	248	97807	48.15	nq	98
67) Hexachlorobenzene	13.96	284	95919	47.92	nq	# 91
68) Atrazine	14.24	200	99756	51.03	nq	98
69) Pentachlorophenol	14.33	266	50883	68.11	nq	99
70) Phenanthrene	14.60	178	519168	46.03	nq	98
71) Anthracene	14.69	178	540226	45.88	nq	98
72) Carbazole	14.99	167	480643	41.89	nq	97
73) Di-n-butylphthalate	15.59	149	599555	49.11	nq	# 97
74) Fluoranthene	16.39	202	456634	40.91	nq	99
76) Benzidine	16.62	184	214280	46.04	nq	# 91
77) Pyrene	16.69	202	451135	49.89	nq	99
79) Butylbenzylphthalate	17.62	149	199891	50.62	nq	91
80) Benzo(a)anthracene	18.28	228	332964	47.26	nq	97
81) 3,3'-Dichlorobenzidine	18.26	252	99644	39.78	nq	# 96
82) Chrysene	18.32	228	324827	46.13	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	271310	48.71	nq	# 98
84) Di-n-octyl phthalate	19.13	149	418114	45.55	nq	97
85) Indeno(1,2,3-cd)pyrene	21.11	276	322473	53.53	nq	99
87) Benzo(b)fluoranthene	19.55	252	346091	44.47	nq	97
88) Benzo(k)fluoranthene	19.58	252	317242	42.65	nq	96
89) Benzo(a)pyrene	19.90	252	324529	45.37	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	278002	45.82	nq	98
91) Benzo(g,h,i)perylene	21.44	276	264636	42.78	nq	100

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



#1

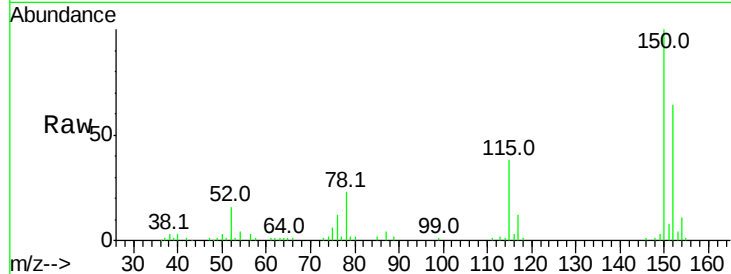
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

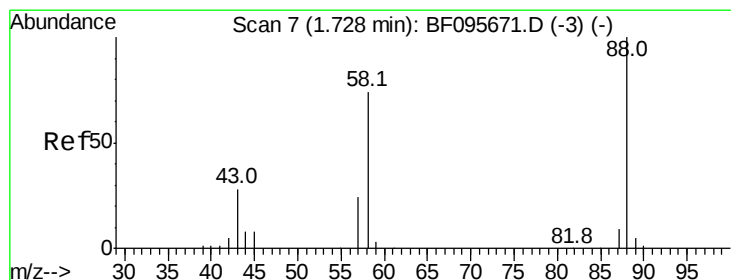
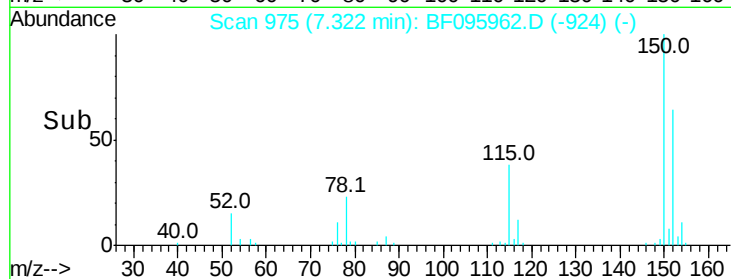
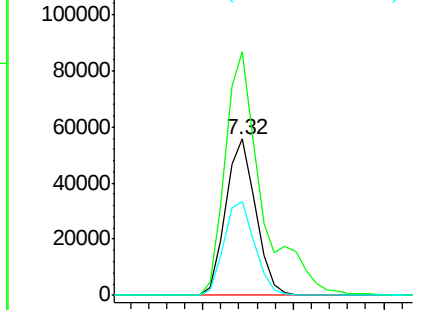
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	59.8	52.2	78.2

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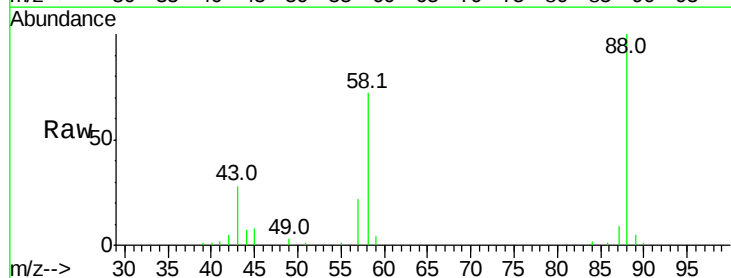
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



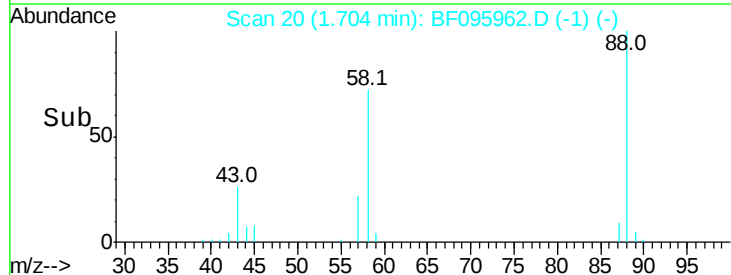
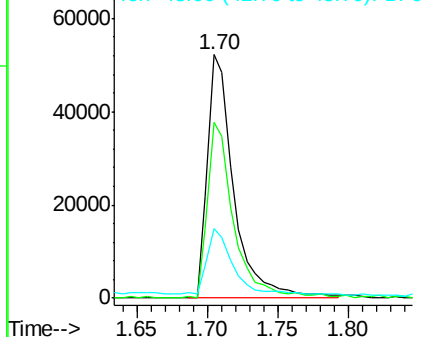
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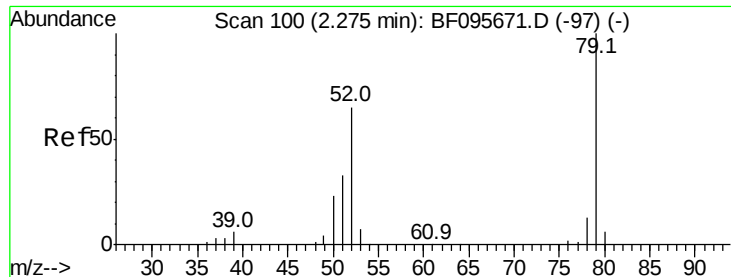
1,4-Dioxane
Concen: 35.67 ng
RT: 1.70 min Scan# 20
Delta R.T. 0.07 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	61.4	92.0
43	26.4	23.4	35.0



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





#3

Pvridine

Concen: 39.30 ng

RT: 2.25 min Scan# 112

Delta R.T. 0.08 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

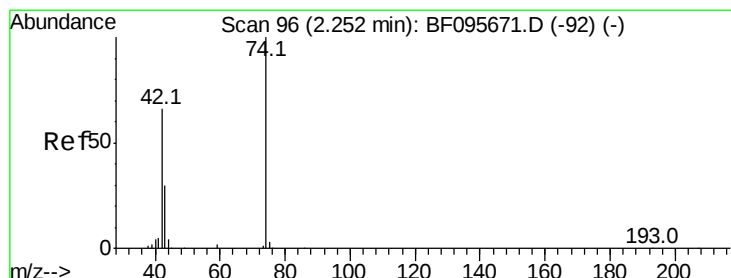
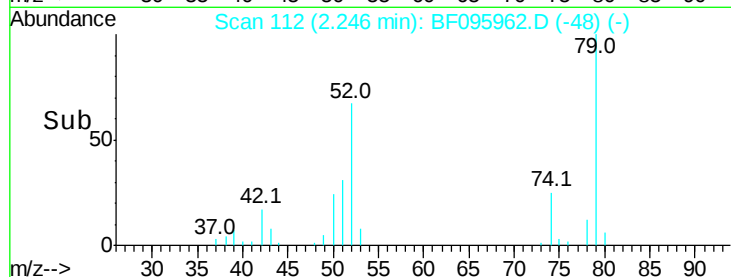
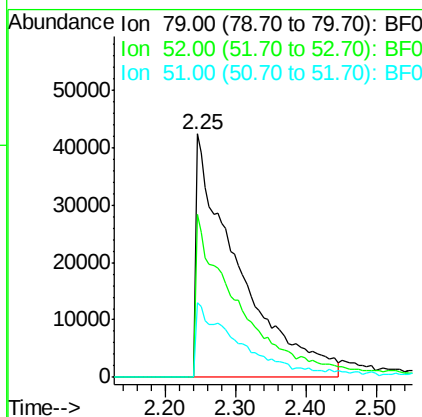
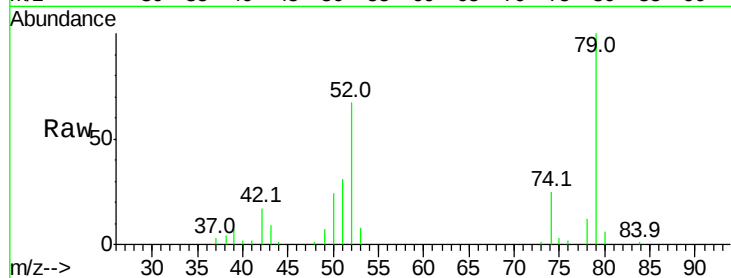
ClientSampleId :

PB99832BS

Tot Ion:	79	Resp:	176286
Ion Ratio	Lower	Upper	
79	100		
52	67.2	54.8	82.2
51	30.9	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.68 ng

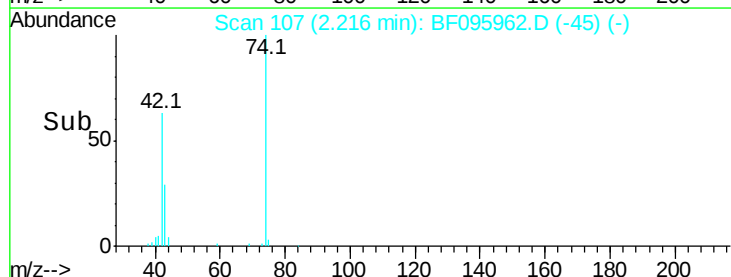
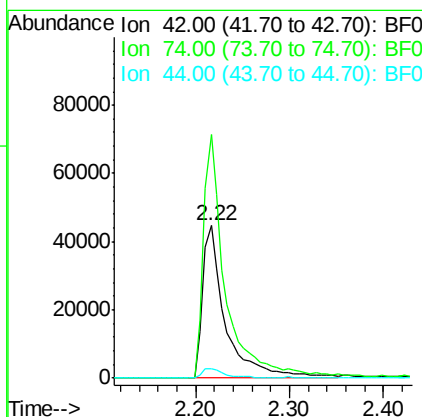
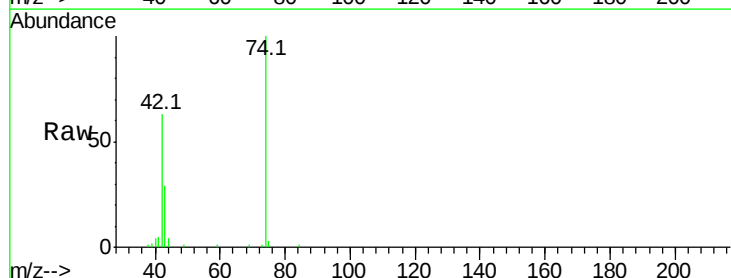
RT: 2.22 min Scan# 107

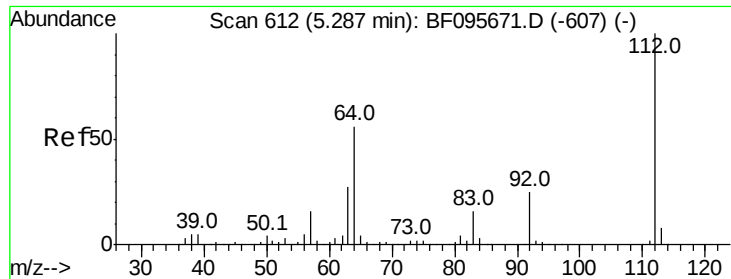
Delta R.T. 0.06 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	42	Resp:	76185
Ion Ratio	Lower	Upper	
42	100		
74	159.8	103.9	155.9#
44	6.4	5.7	8.5





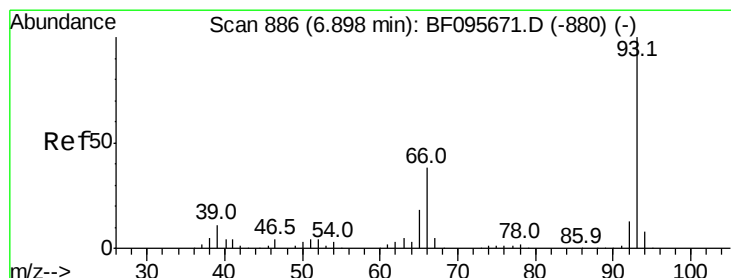
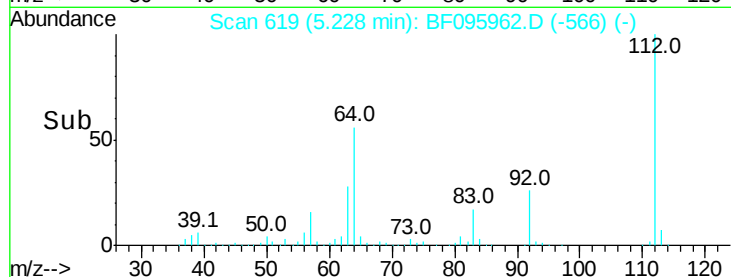
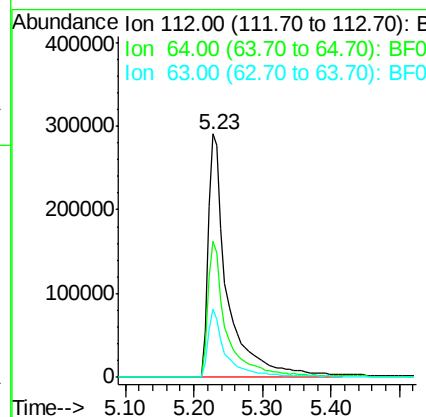
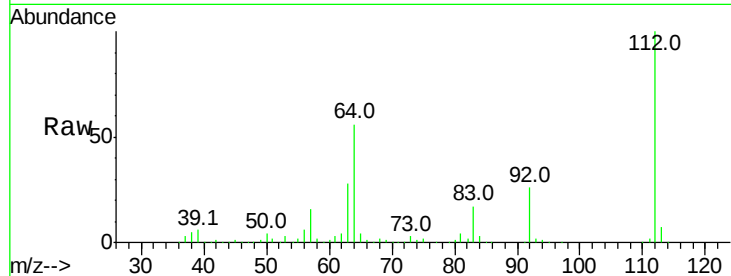
#5
 2-Fluorophenol
 Concen: 145.03 ng
 RT: 5.23 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

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Tot Ion:	112	Resp:	581822
Ion Ratio	Lower	Upper	
112	100		
64	56.0	46.0	69.0
63	27.9	23.4	35.0

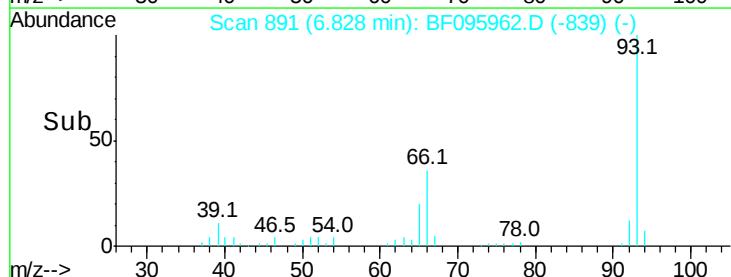
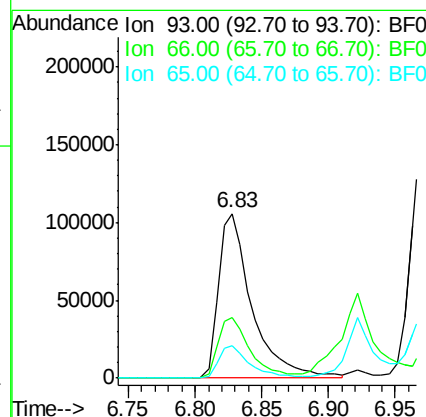
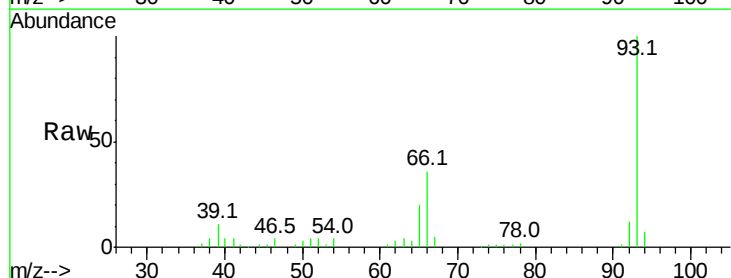
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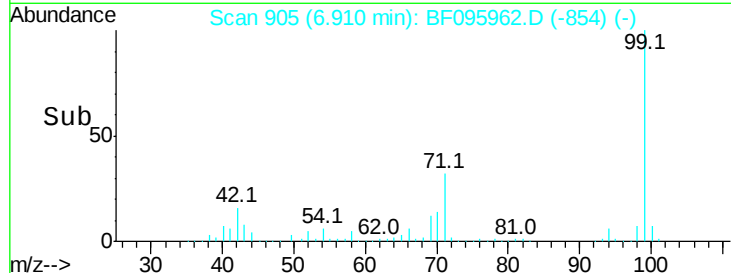
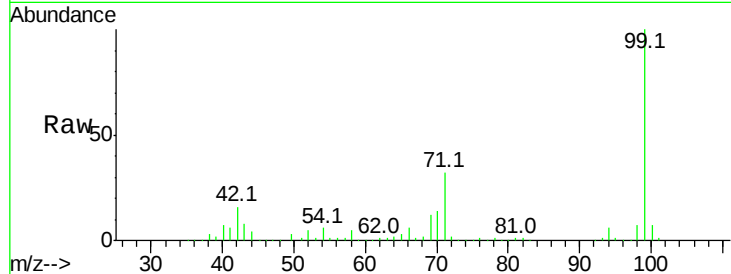
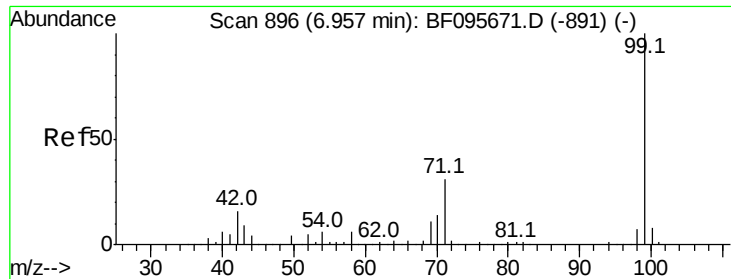
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#6
 Aniline
 Concen: 29.70 ng
 RT: 6.83 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:	93	Resp:	186598
Ion Ratio	Lower	Upper	
93	100		
66	36.5	32.9	49.3
65	19.6	16.0	24.0





#7

Phenol-d6

Concen: 141.59 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095962.D

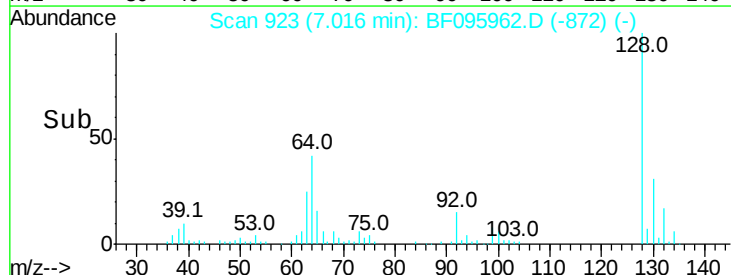
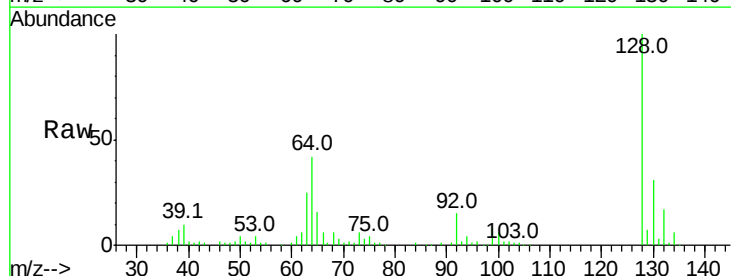
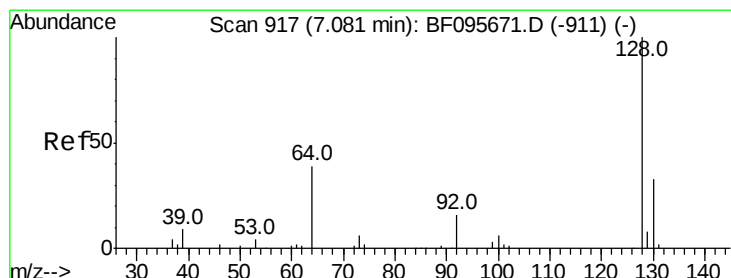
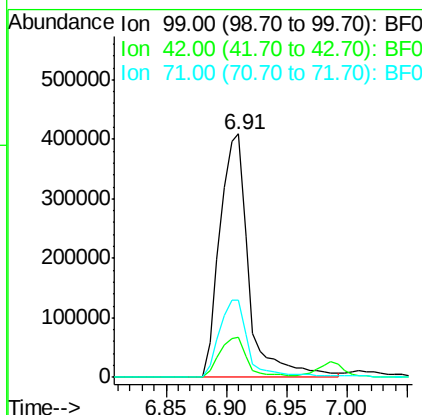
Acq: 16 Jun 2017 18:41

Tot Ion	Ratio	Resp	Lower	Upper
99	100	680062		
42	16.3		13.5	20.3
71	31.8		24.5	36.7

Instrument :
BNA_F
ClientSampled :
PB99832BS

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#8

2-Chlorophenol

Concen: 48.88 ng

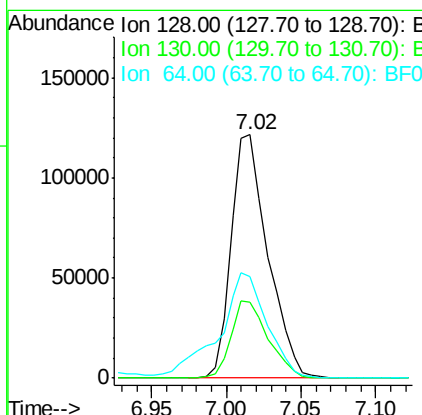
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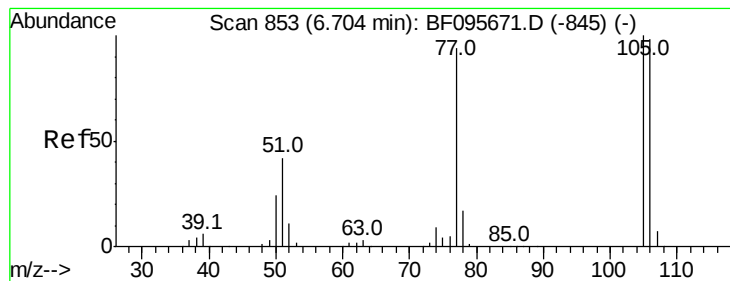
Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	208495		
130	31.4		12.9	52.9
64	41.8		28.4	68.4





#9

Benzaldehyde

Concen: 17.55 ng

RT: 6.64 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

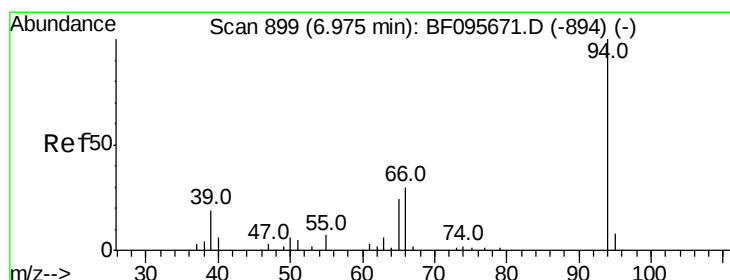
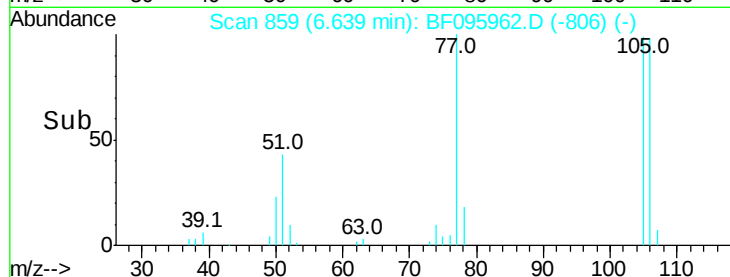
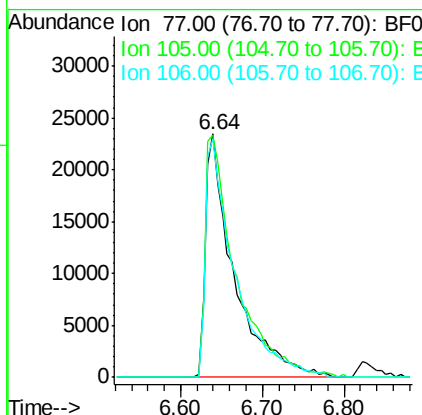
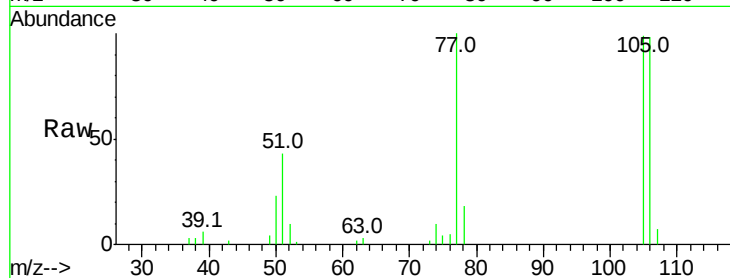
ClientSampleId :

PB99832BS

Tot Ion:	77	Resp:	56842
Ion	Ratio	Lower	Upper
77	100		
105	99.5	83.8	123.8
106	98.2	79.1	119.1

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#10

Phenol

Concen: 50.87 ng

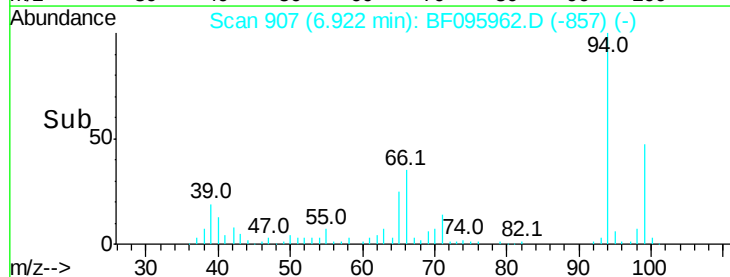
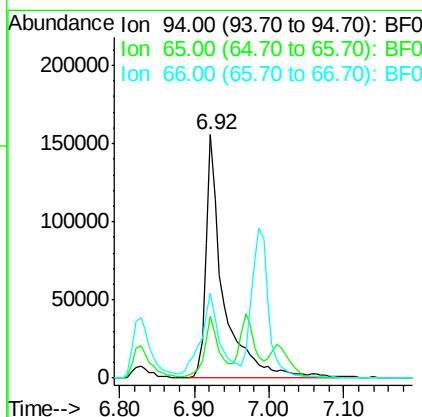
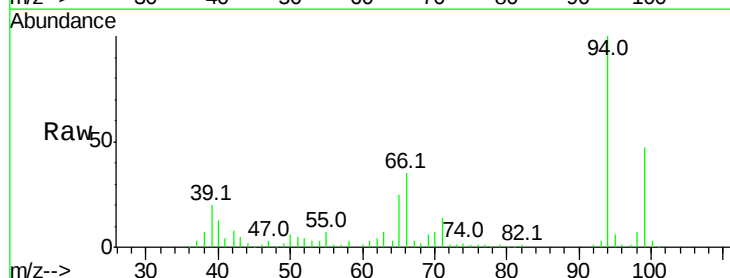
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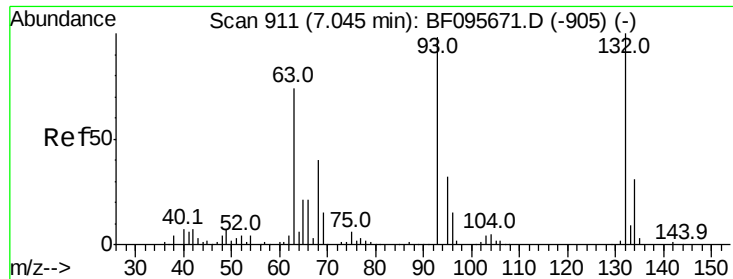
Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	94	Resp:	253449
Ion	Ratio	Lower	Upper
94	100		
65	25.2	9.9	49.9
66	34.8	23.1	63.1





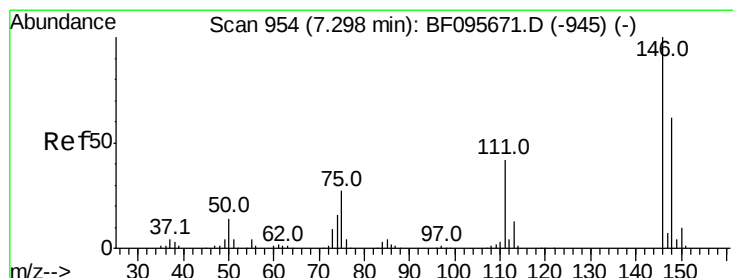
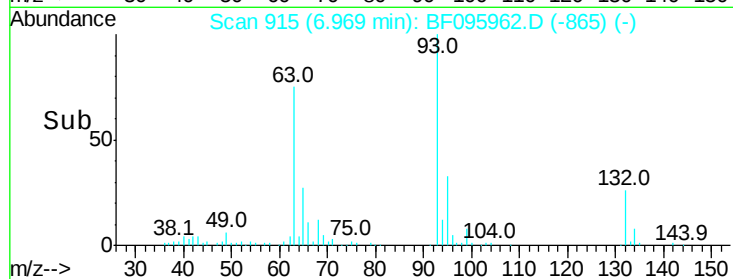
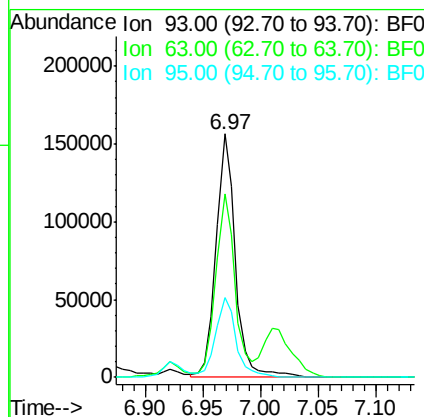
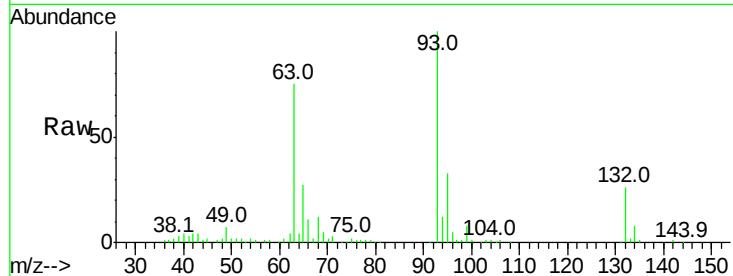
#11
bis(2-Chloroethyl)ether
Concen: 46.67 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	184182		
63	75.4	59.2	99.2	
95	33.0	12.8	52.8	

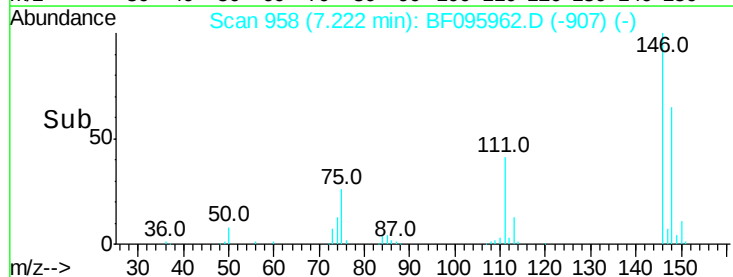
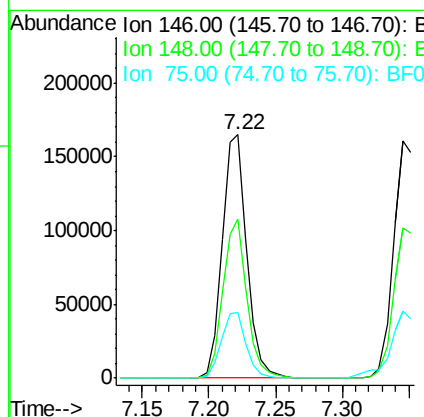
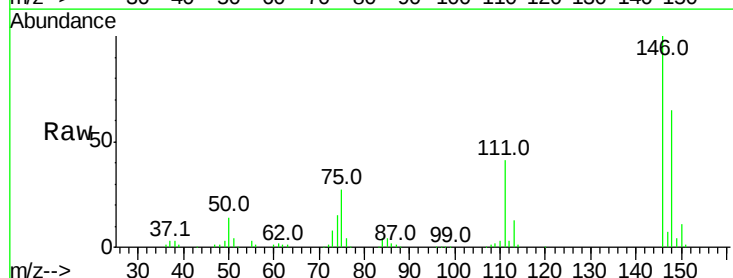
Manual Integrations
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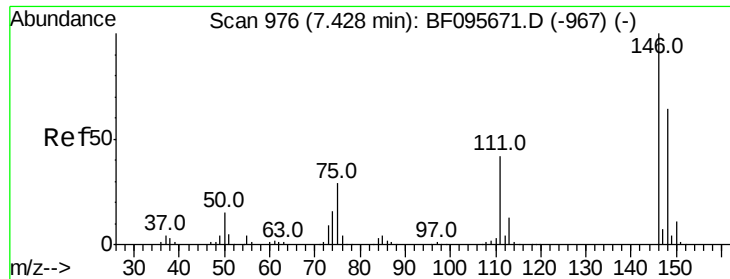
mohammad
6/19/2017 3:47:00 PM



#12
1,3-Dichlorobenzene
Concen: 44.36 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214190		
148	65.2	51.8	77.6	
75	27.1	23.1	34.7	





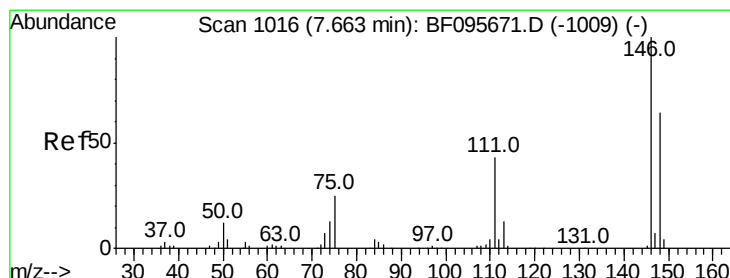
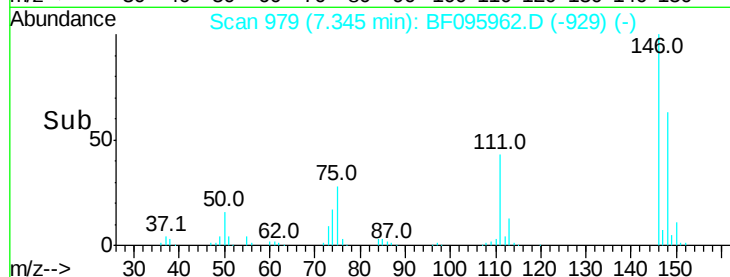
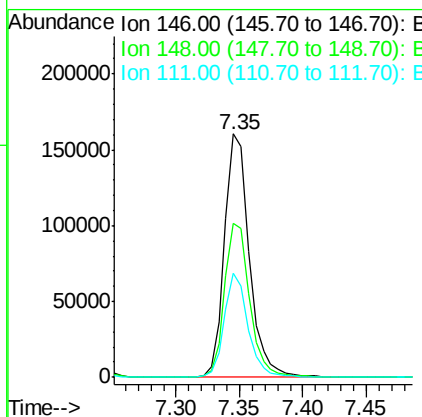
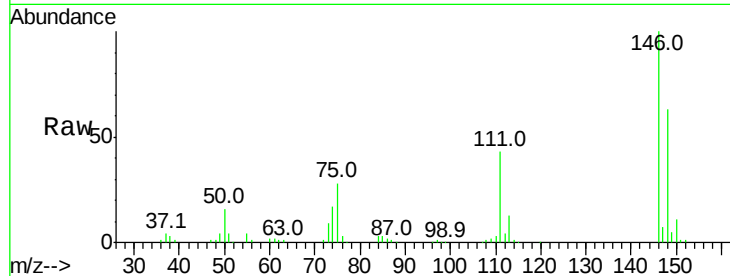
#13
 1,4-Dichlorobenzene
 Concen: 44.76 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	42.7	30.3	45.5

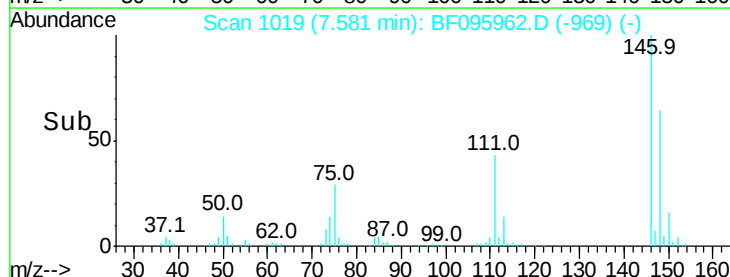
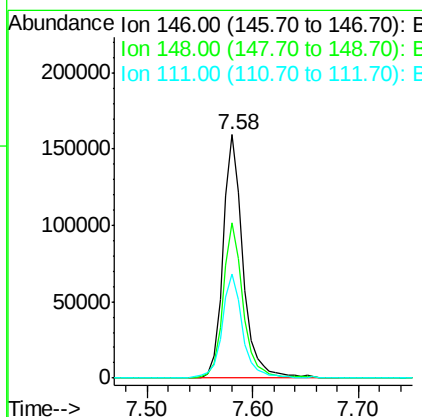
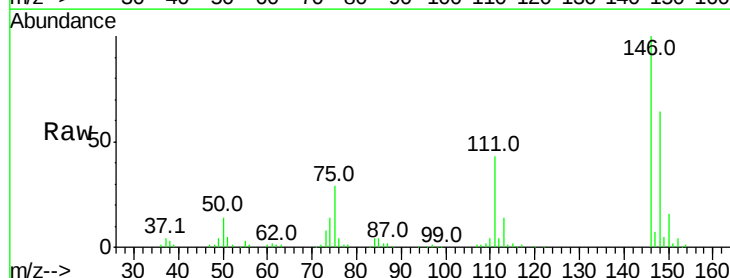
Manual Integrations
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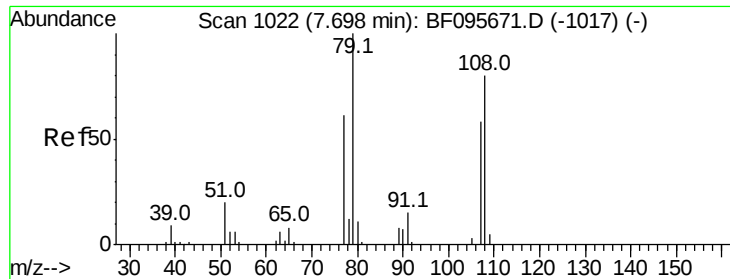
mohammad
 6/19/2017 3:47:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.11 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	42.9	38.2	57.4





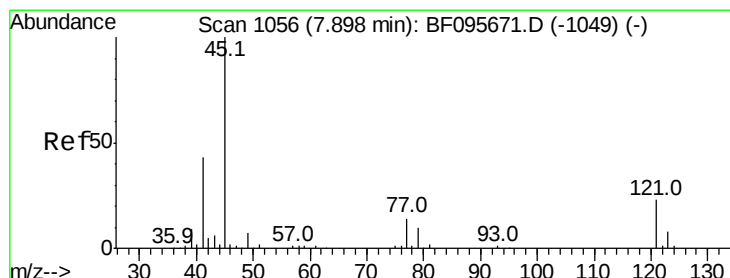
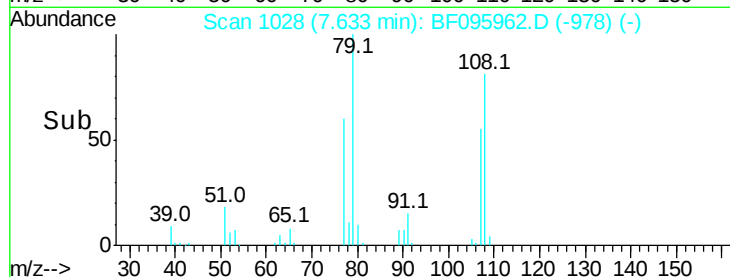
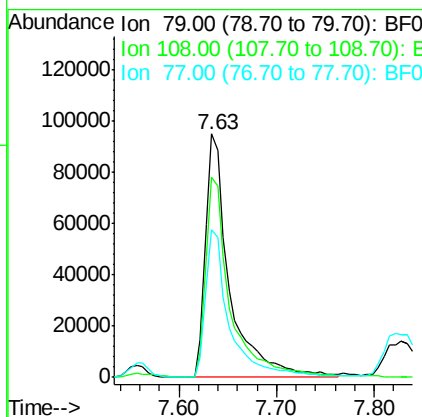
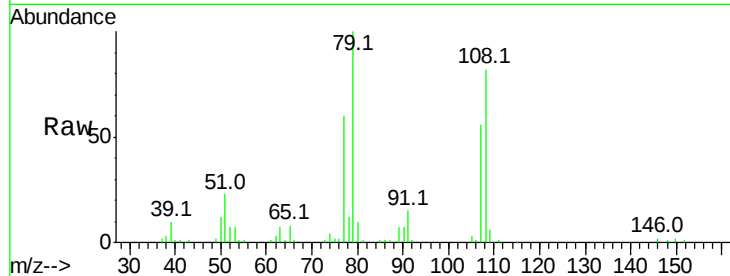
#15
Benzyl Alcohol
Concen: 49.97 ng
RT: 7.63 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion: 79 Resp: 164719
Ion Ratio Lower Upper
79 100
108 82.2 63.4 95.0
77 60.5 49.2 73.8

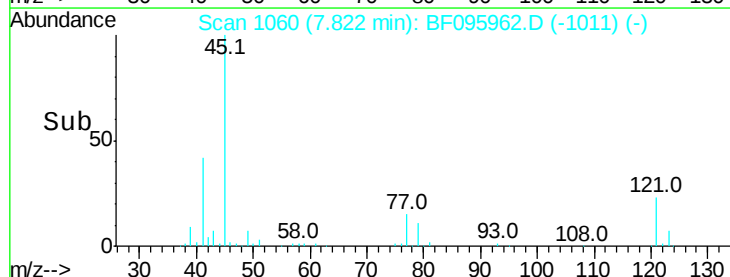
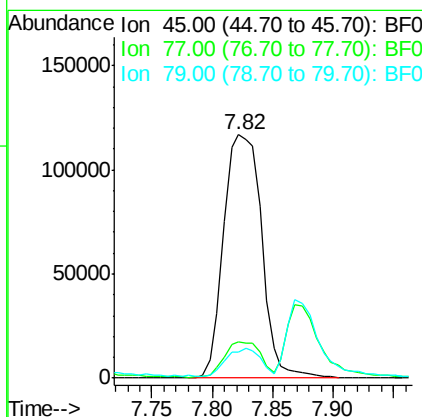
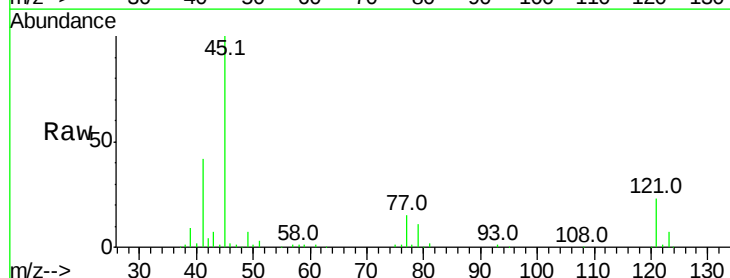
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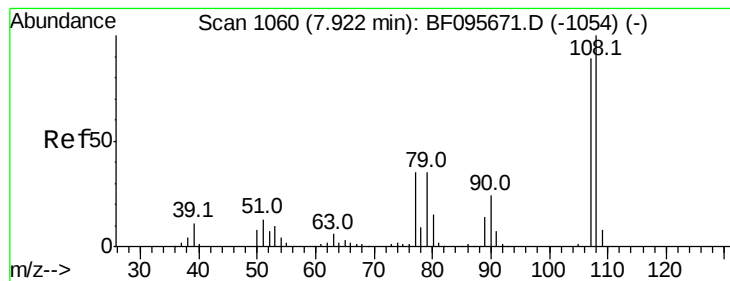
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.00 ng
RT: 7.82 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion: 45 Resp: 255086
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 10.7 0.0 30.0





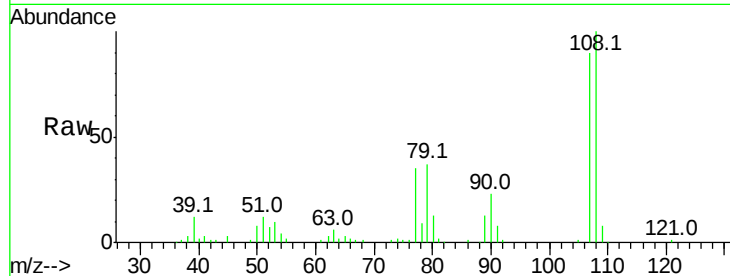
#17
2-Methylphenol
Concen: 48.14 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	172319		
108	111.2	93.4	140.0	
77	39.1	35.8	53.6	
79	41.0	34.8	52.2	

Manual Integrations
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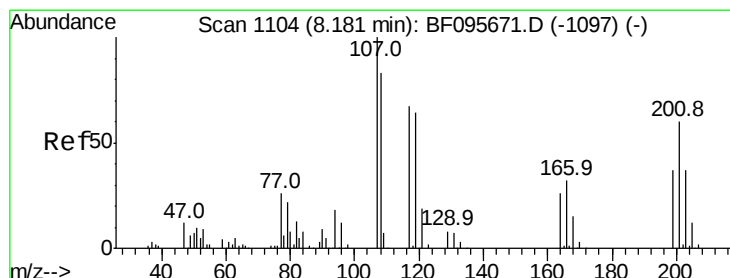
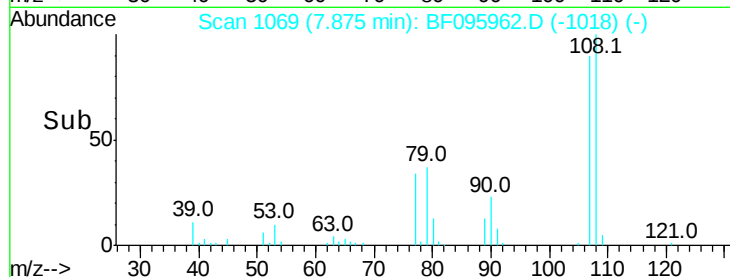
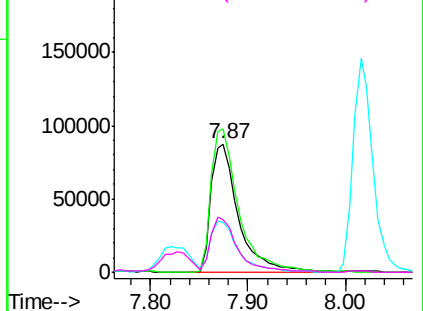
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

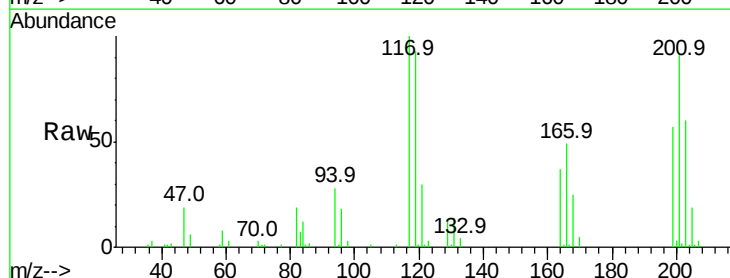
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 45.01 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72779		
119	93.1	77.4	116.0	
201	91.3	94.6	141.8#	

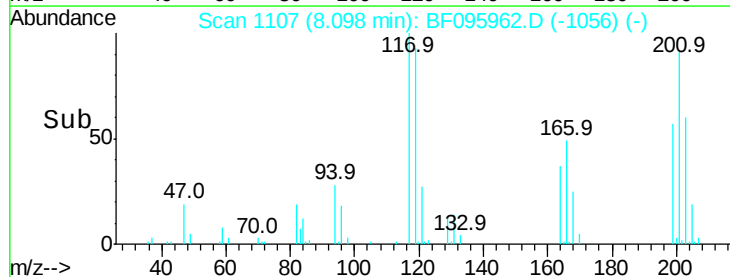
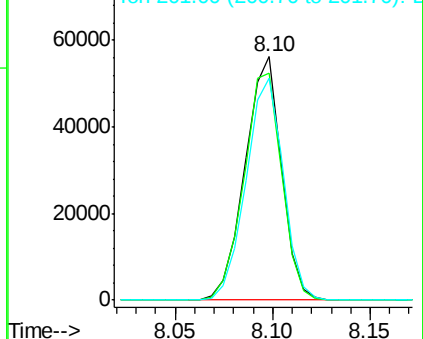


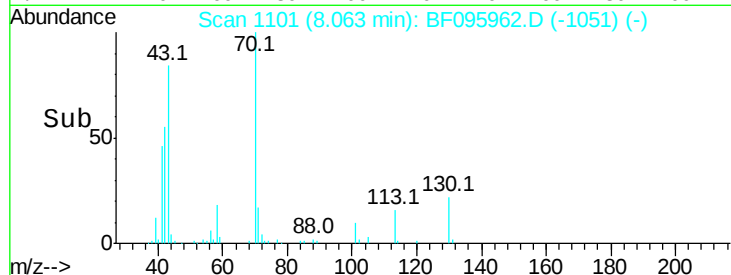
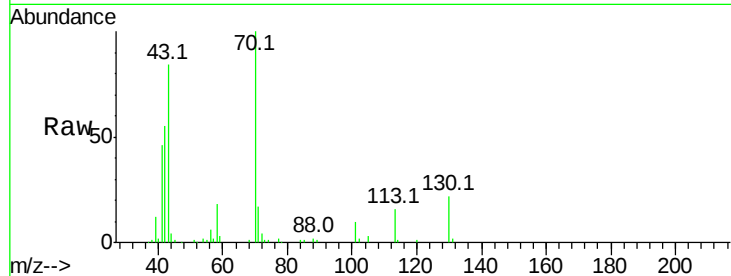
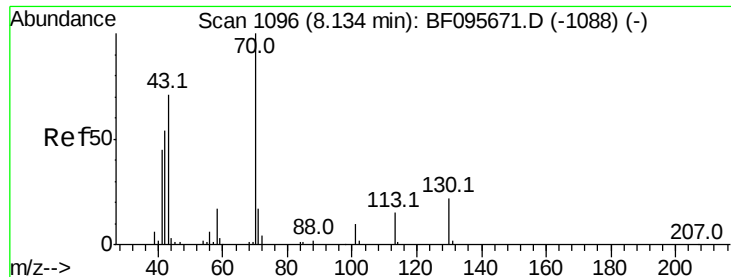
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





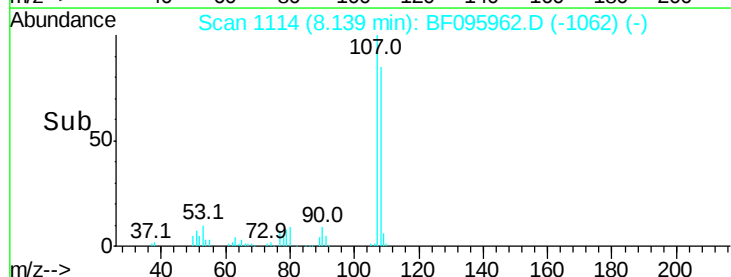
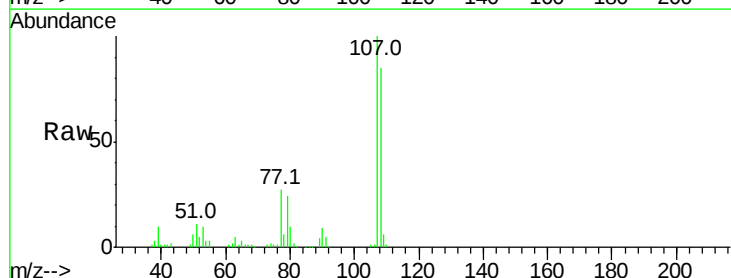
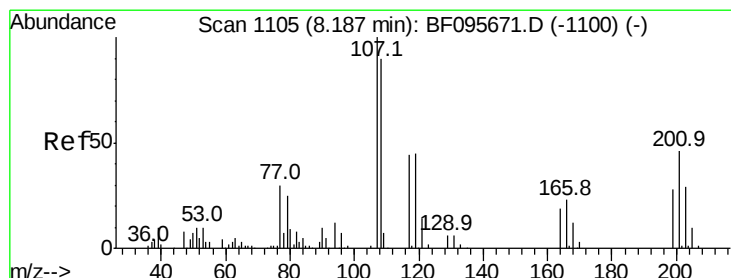
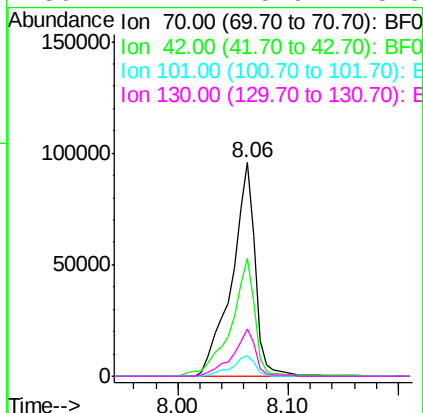
#19
n-Nitroso-di-n-propylamine
Concen: 46.80 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampled :
PB99832BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.2	70.8
101	9.7	7.2	10.8
130	22.1	15.9	23.9

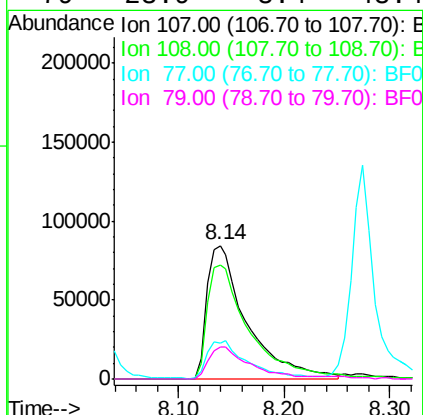
Manual Integrations
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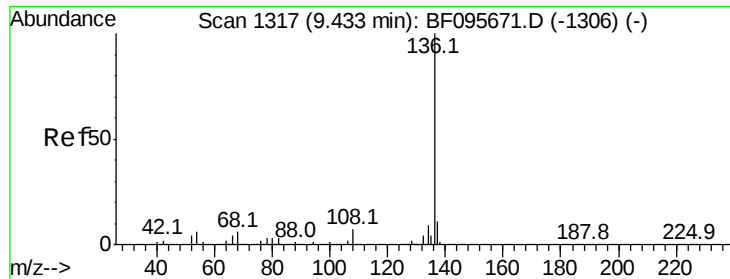
mohammad
6/19/2017 3:47:00 PM



#20
3+4-Methylphenols
Concen: 48.96 ng
RT: 8.14 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	71.0	111.0
77	27.3	90.5	130.5#
79	23.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

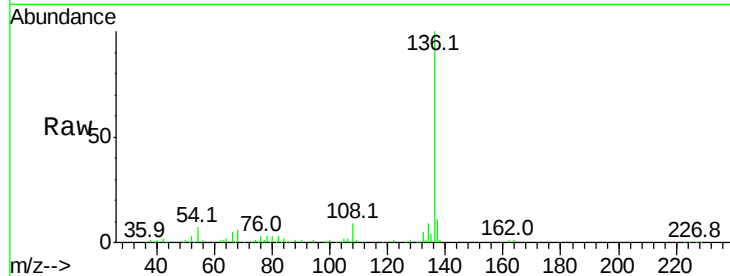
ClientSampleId :

PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	264085		
137	10.8		8.5	12.7
54	6.9		4.9	7.3
68	5.9		4.1	6.1

Manual Integrations
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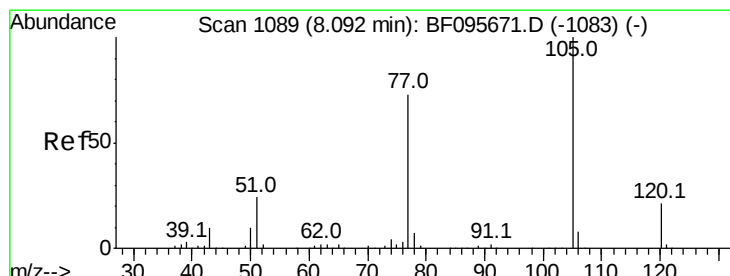
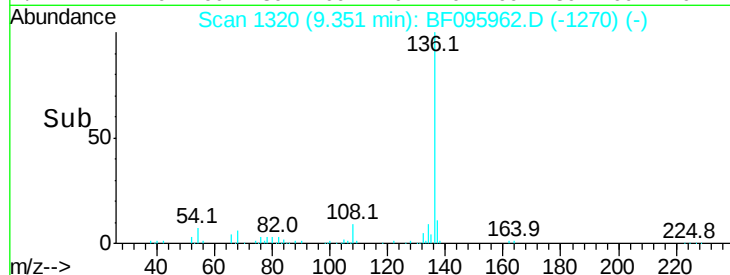
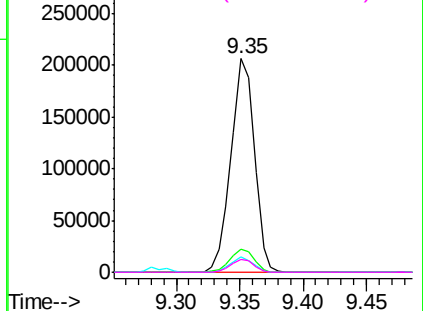
Abundance

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: 46.48 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287309		
71	0.0		2.8	4.2#
51	23.7		30.7	46.1#
120	21.9		17.4	26.0

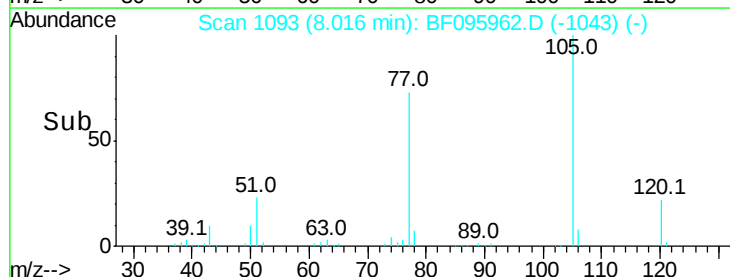
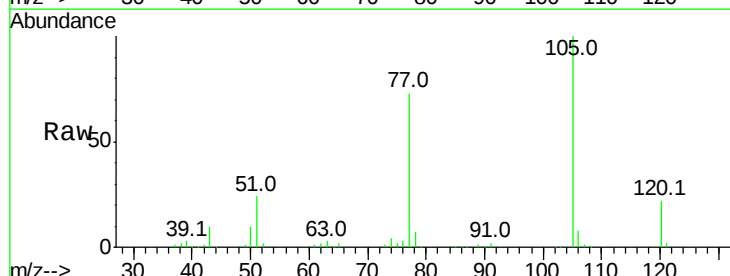
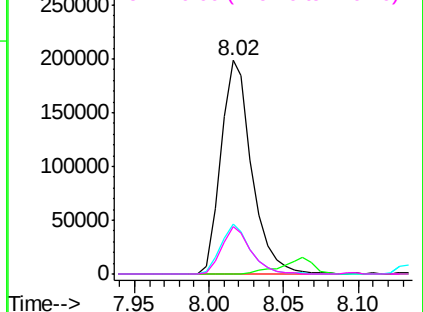
Abundance

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





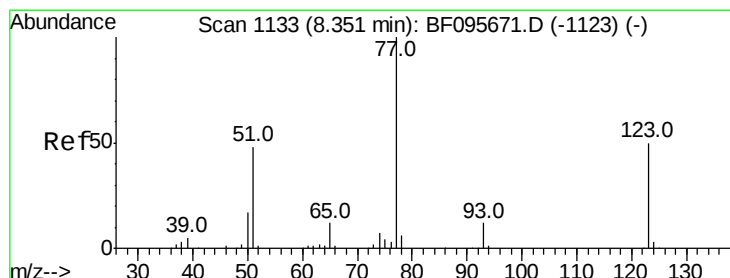
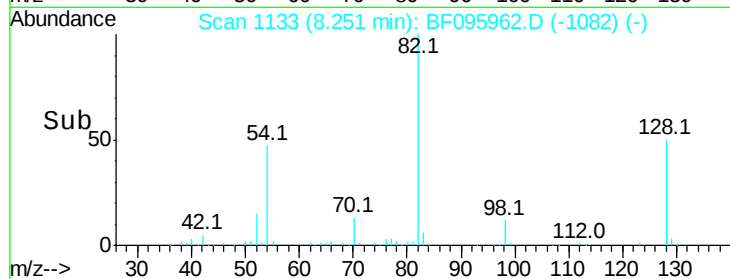
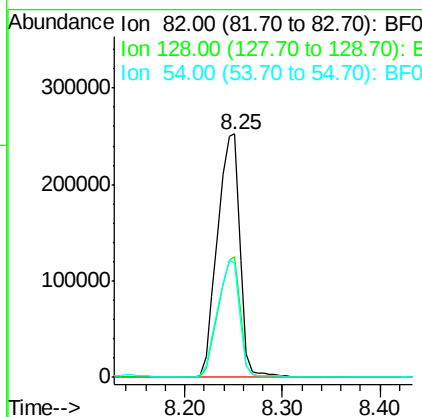
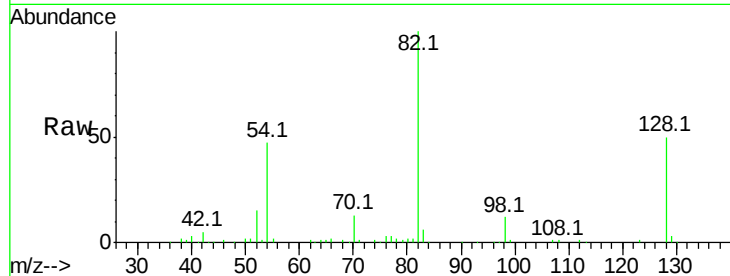
#23
Nitrobenzene-d5
Concen: 95.21 ng
RT: 8.25 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.6	34.0	51.0	
54	47.0	42.2	63.2	

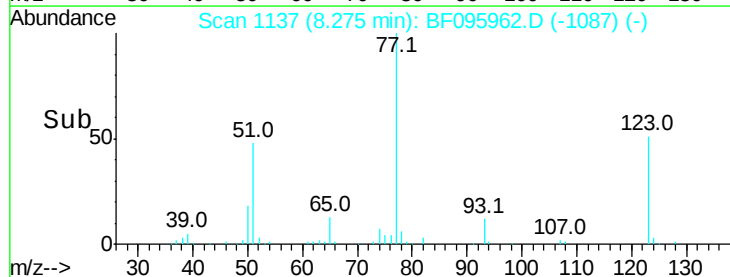
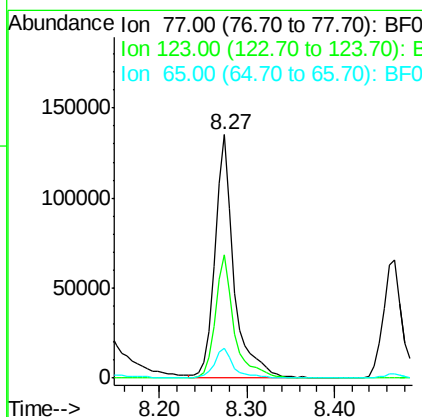
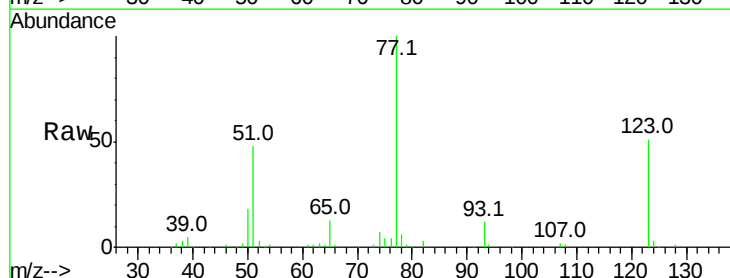
Manual Integrations
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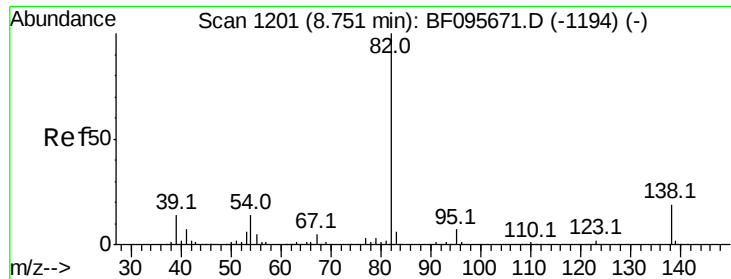
mohammad
6/19/2017 3:47:00 PM



#24
Nitrobenzene
Concen: 45.17 ng
RT: 8.27 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.8	35.8	53.8	
65	12.5	10.6	15.8	





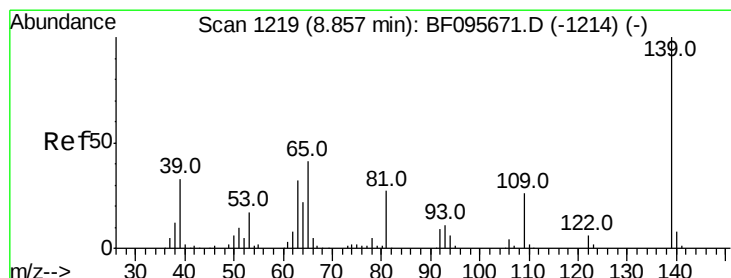
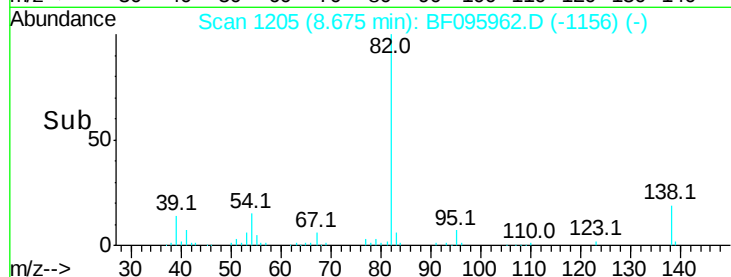
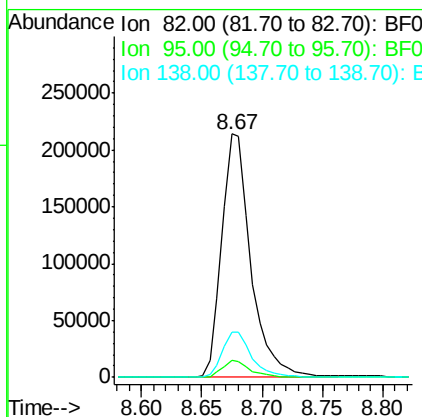
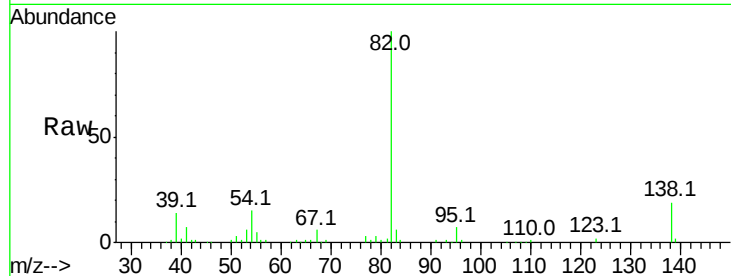
#25
Isophorone
Concen: 45.34 ng
RT: 8.67 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	360022		
95	6.8	5.3	7.9	
138	18.8	13.1	19.7	

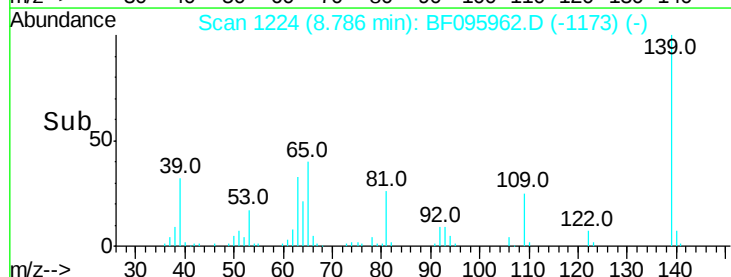
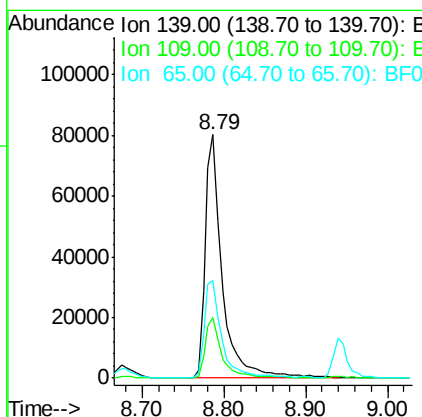
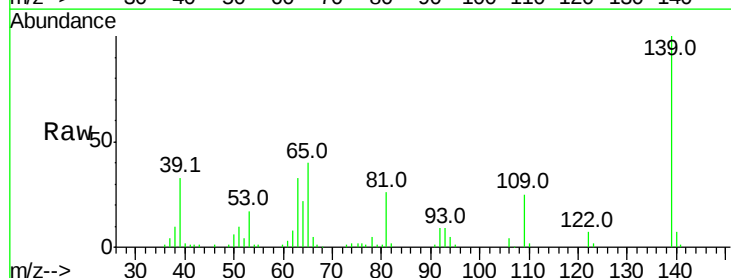
Manual Integrations
APPROVED

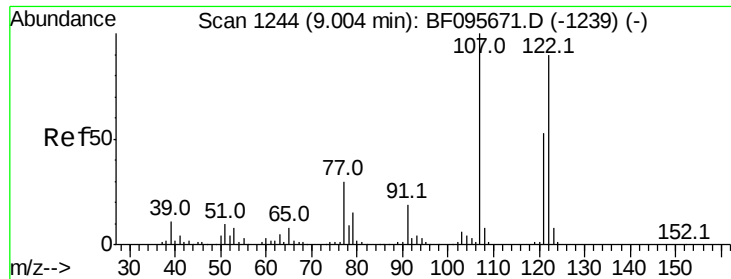
mohammad
6/19/2017 3:47:00 PM



#26
2-Nitrophenol
Concen: 48.77 ng
RT: 8.79 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	115995		
109	24.7	21.0	31.6	
65	40.3	33.0	49.6	





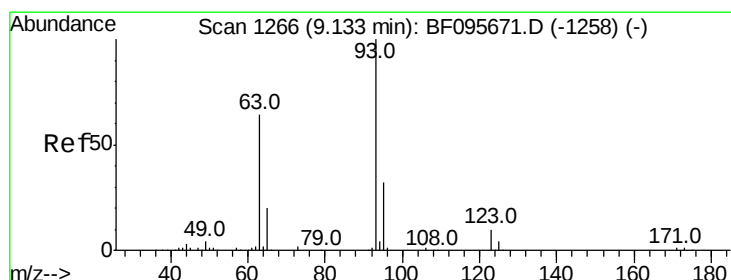
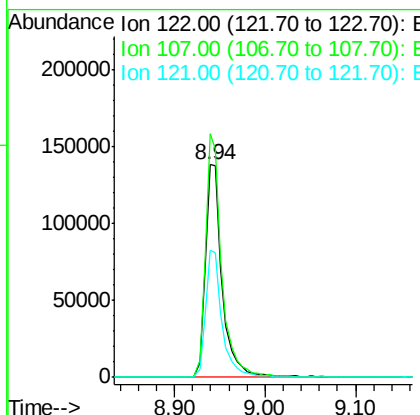
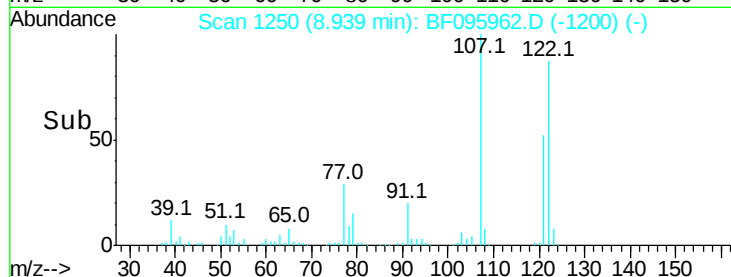
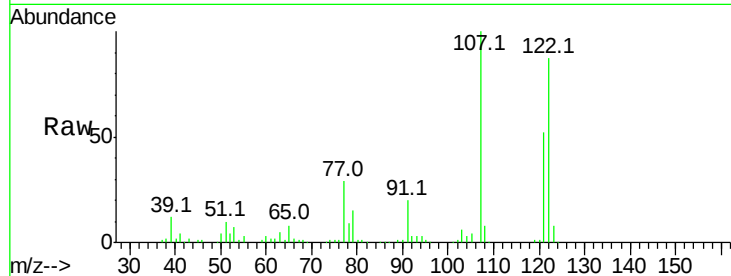
#27
 2,4-Dimethylphenol
 Concen: 49.14 ng
 RT: 8.94 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	181409		
107	114.5	89.2	133.8	
121	60.0	45.2	67.8	

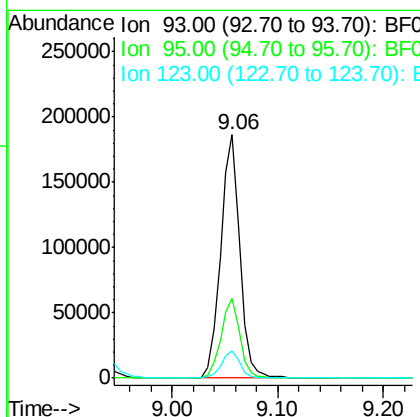
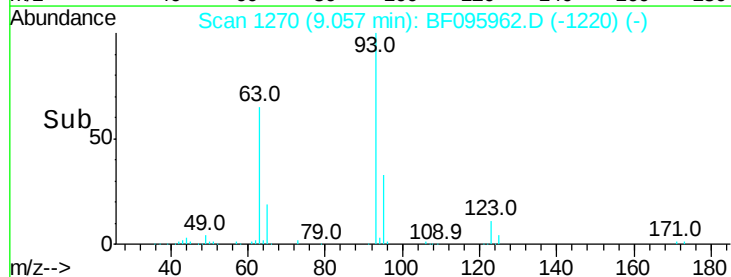
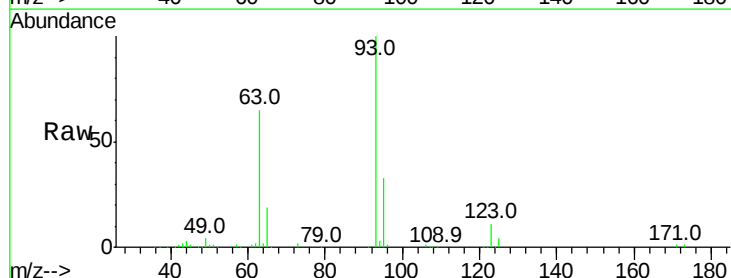
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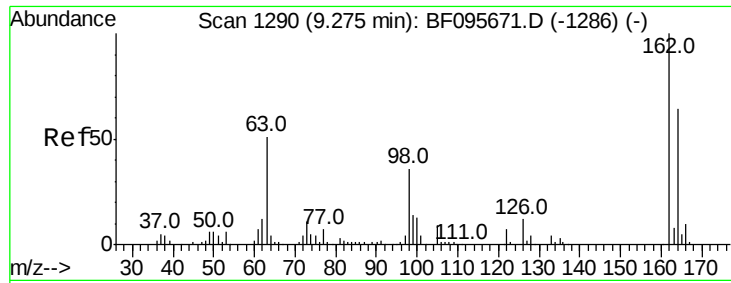
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.05 ng
 RT: 9.06 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	235804		
95	32.9	26.5	39.7	
123	11.2	9.0	13.4	





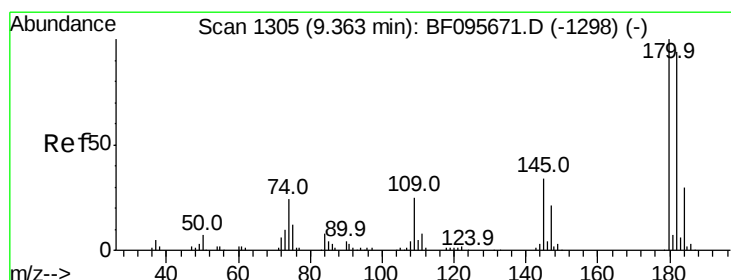
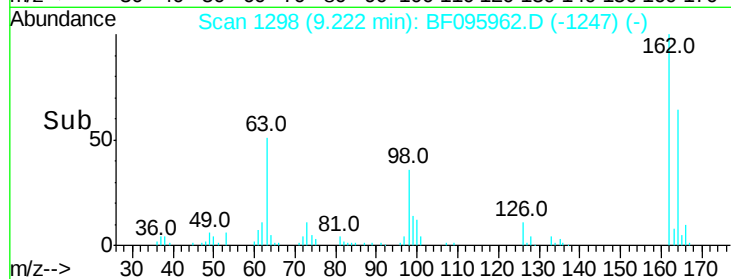
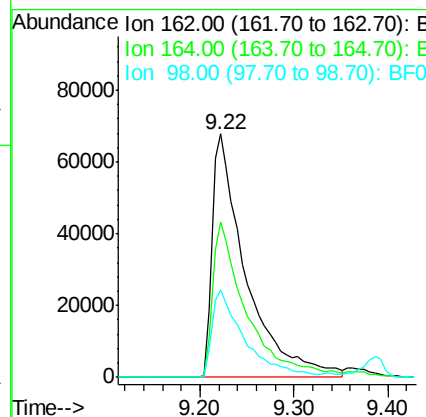
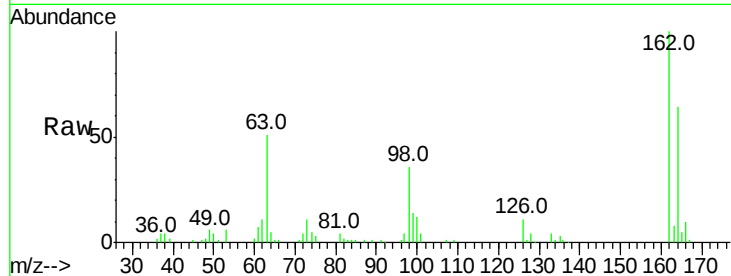
#29
 2,4-Dichlorophenol
 Concen: 47.47 ng
 RT: 9.22 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	44.6	84.6
98	35.9	14.8	54.8

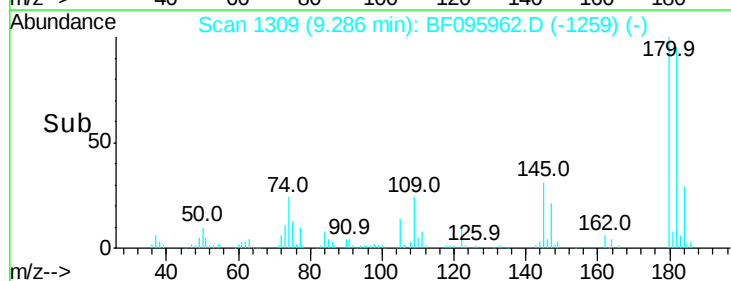
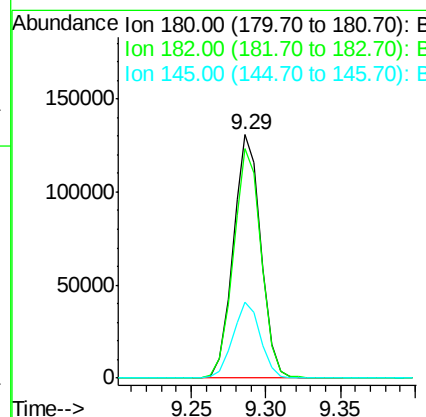
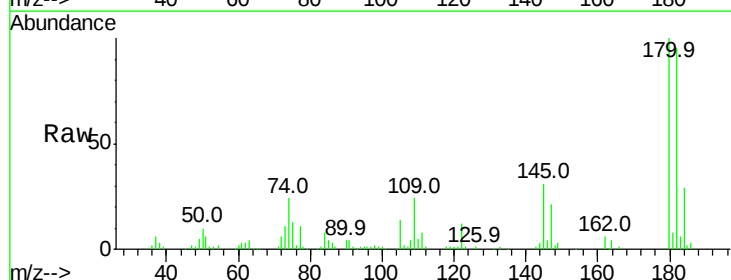
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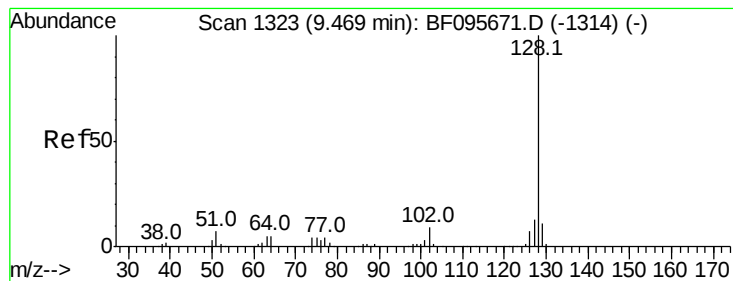
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.78 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	75.8	113.6
145	31.4	25.3	37.9





#31

Naphthalene

Concen: 44.66 ng

RT: 9.39 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

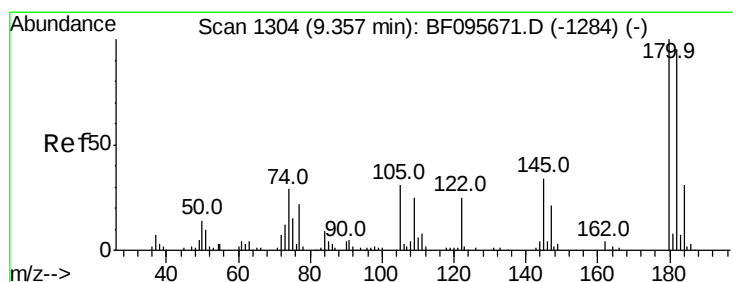
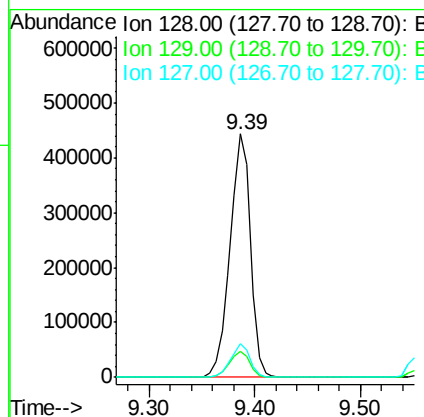
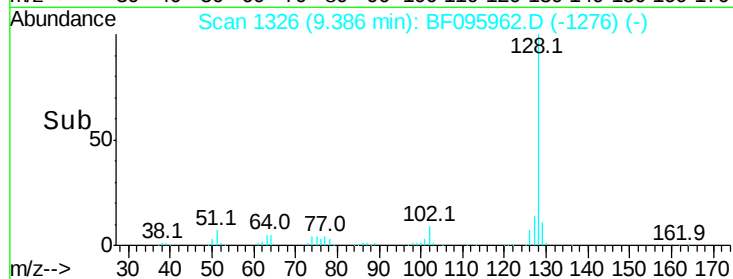
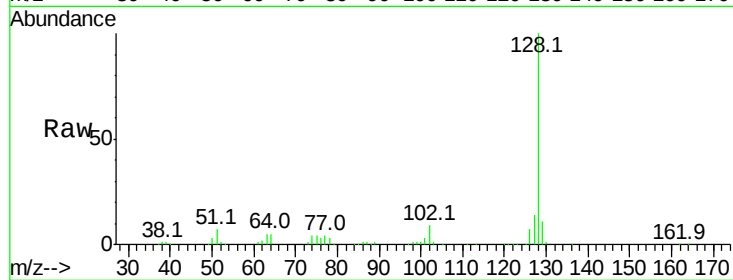
ClientSampleId :

PB99832BS

Tot Ion:	128	Resp:	591844
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.7	10.8	16.2

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#32

Benzoic acid

Concen: 41.11 ng

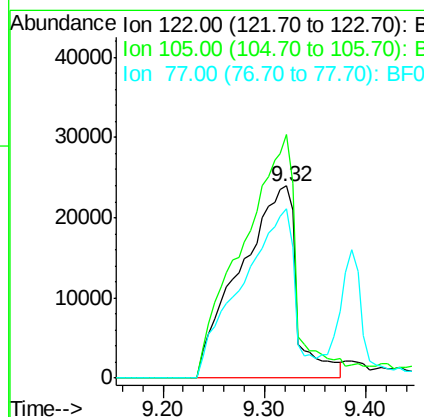
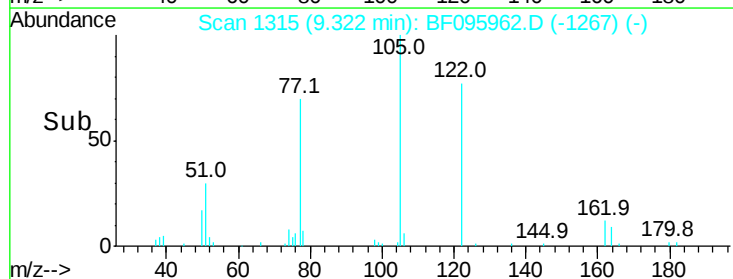
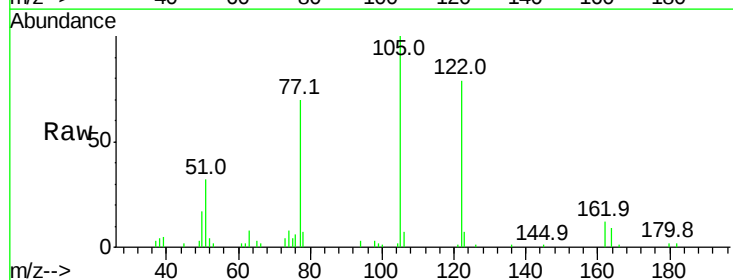
RT: 9.32 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	122	Resp:	92933
Ion Ratio	Lower	Upper	
122	100		
105	126.8	103.3	143.3
77	88.3	73.7	113.7





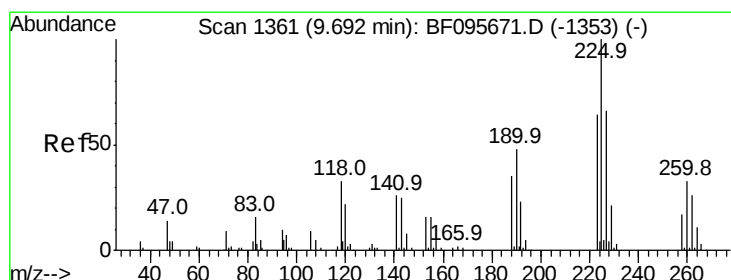
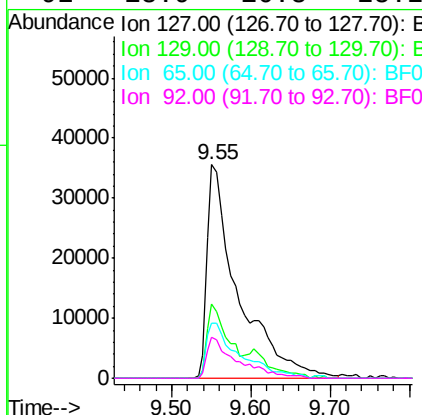
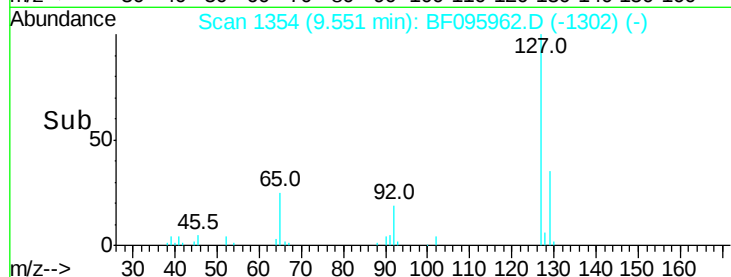
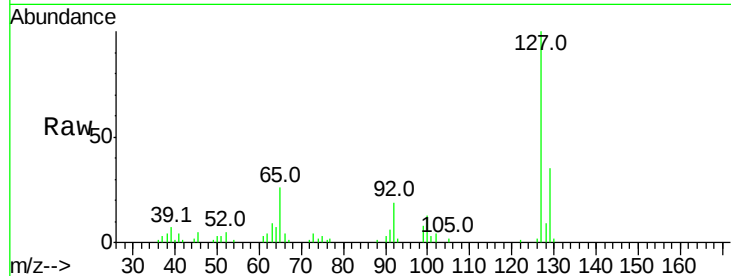
#33
4-Chloroaniline
Concen: 18.78 ng
RT: 9.55 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampled :
PB99832BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.0	26.2	39.2		
65	25.8	27.8	41.8		
92	18.9	16.8	25.2		

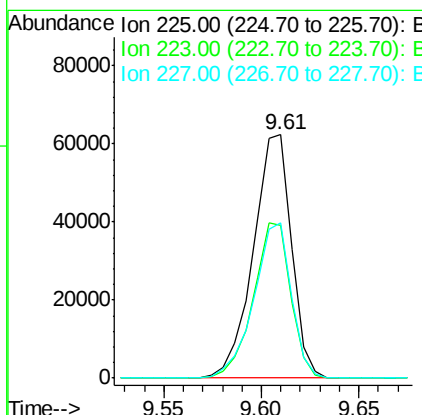
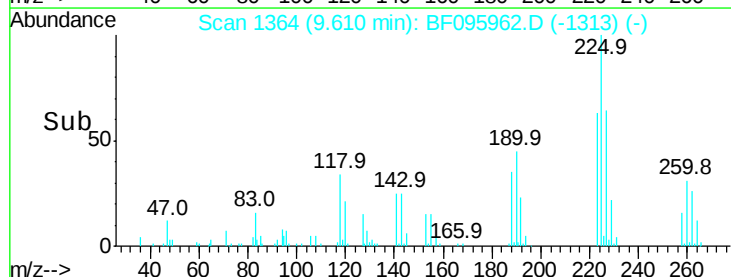
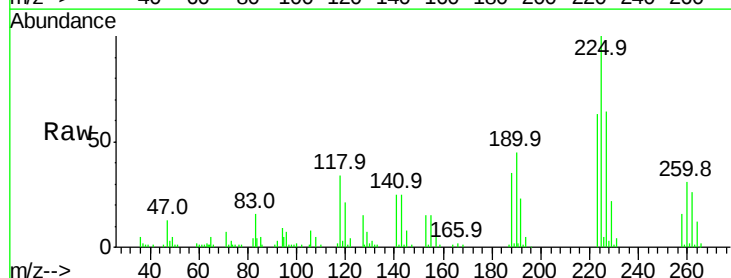
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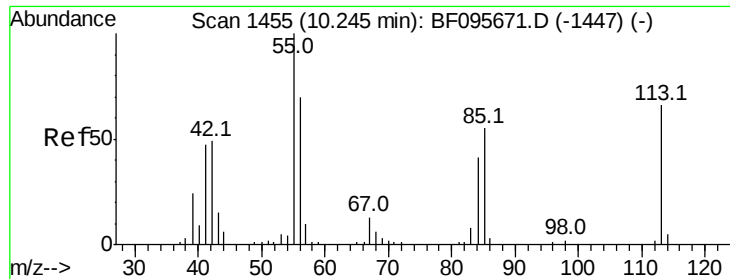
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#34
Hexachlorobutadiene
Concen: 44.22 ng
RT: 9.61 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	48.8	73.2		
227	64.0	51.1	76.7		





#35

Caprolactam

Concen: 51.74 ng/mL

RT: 10.17 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

PB99832BS

Tot Ion:113 Resp: 54730

Ion Ratio Lower Upper

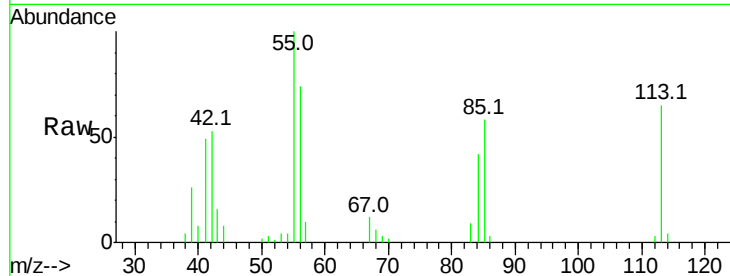
113 100

55 153.3 150.2 190.2

56 112.8 107.8 147.8

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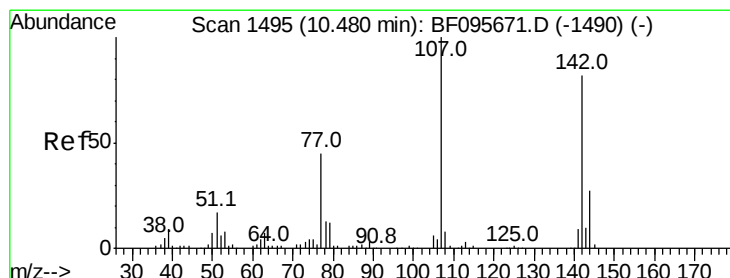
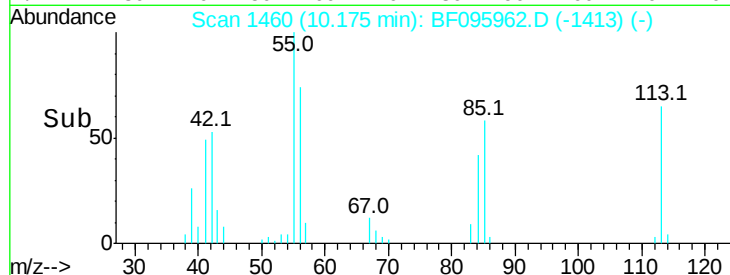
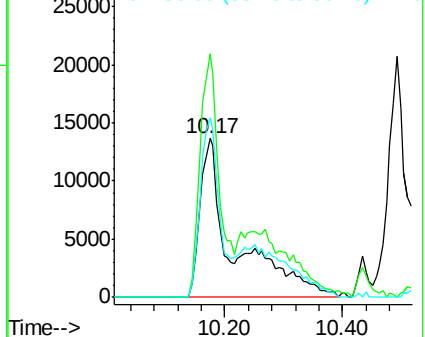
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.17 ng/mL

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

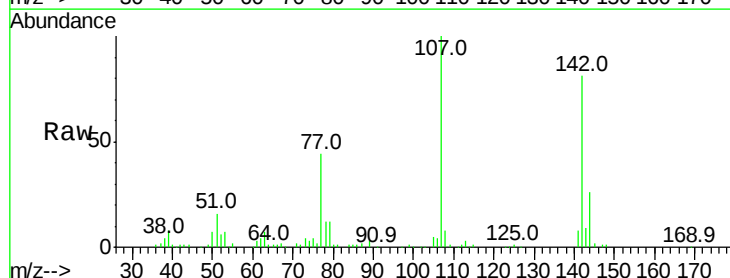
Tgt Ion:107 Resp: 179254

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

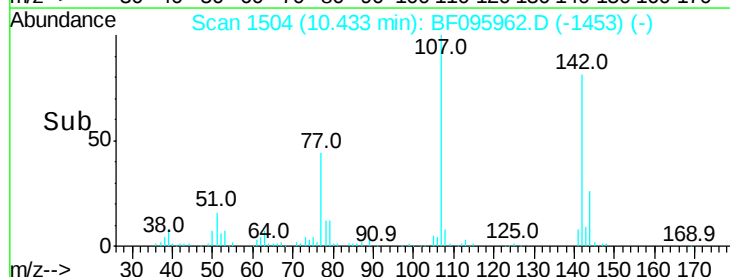
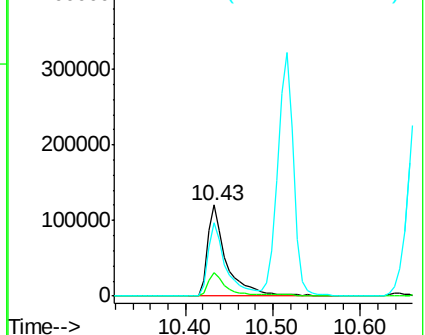
142 80.8 73.4 110.0

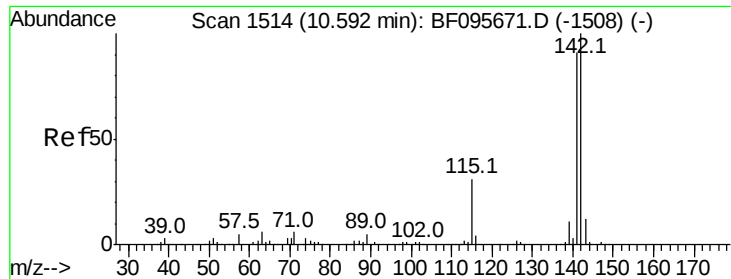


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





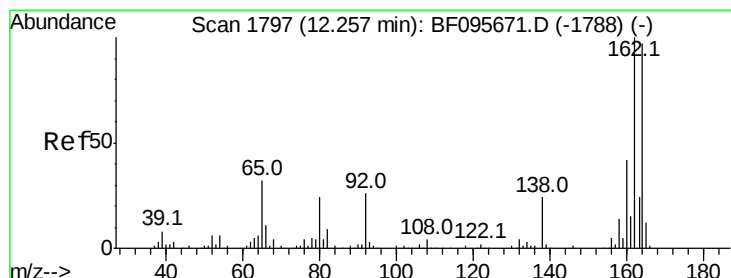
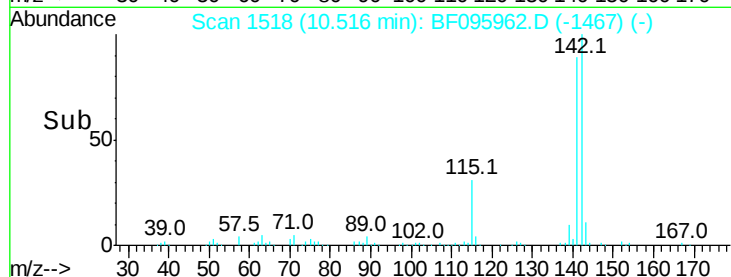
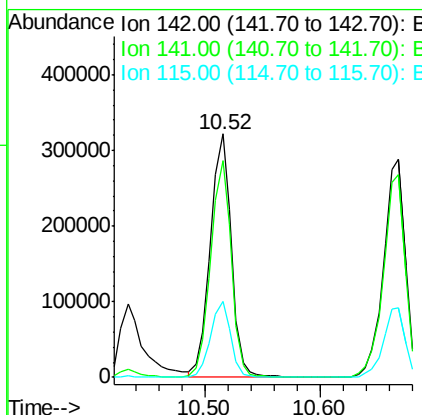
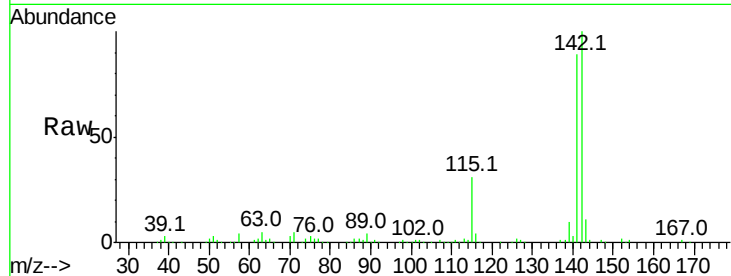
#37
2-Methylnaphthalene
Concen: 45.67 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	31.3	27.1	40.7

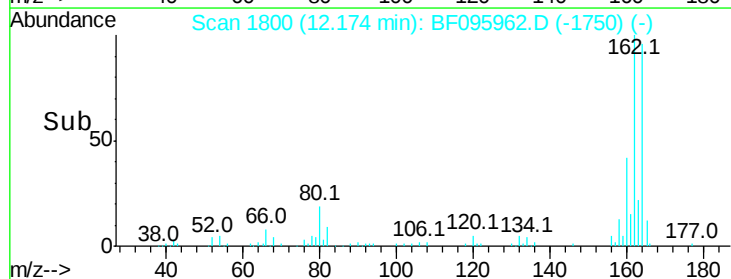
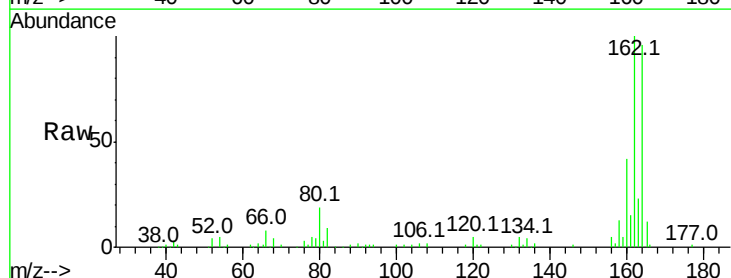
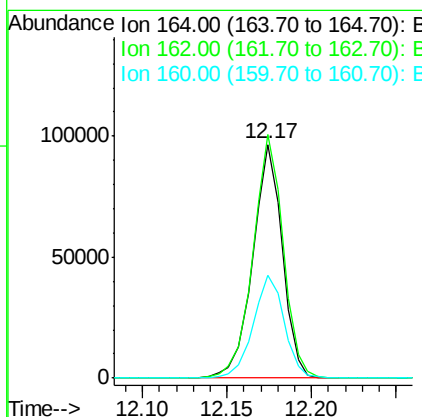
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	43.8	36.2	54.2





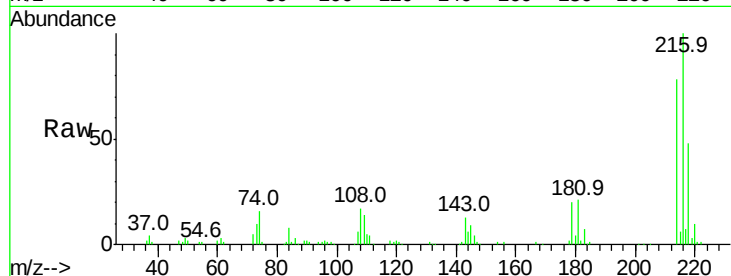
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.12 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

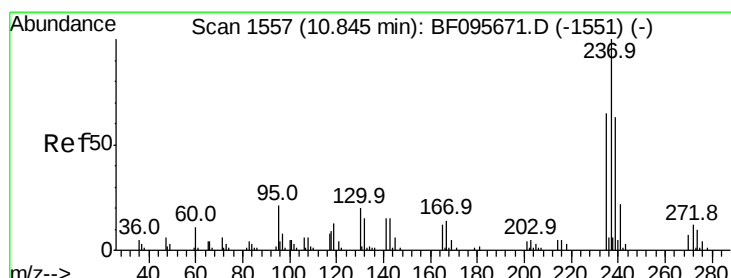
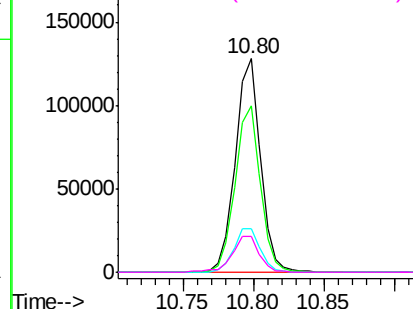
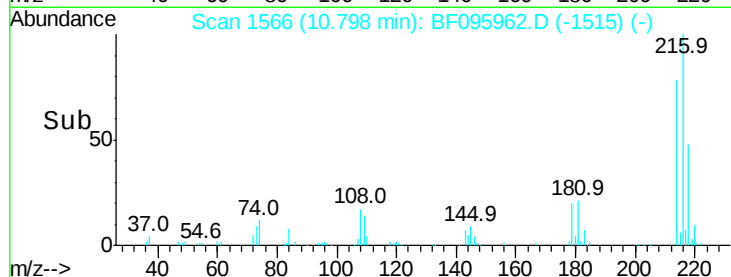
Tot Ion	Ratio	Resp	Lower	Upper
216	100	158956		
214	78.5	63.4	95.2	
179	21.3	17.9	26.9	
108	18.5	16.5	24.7	

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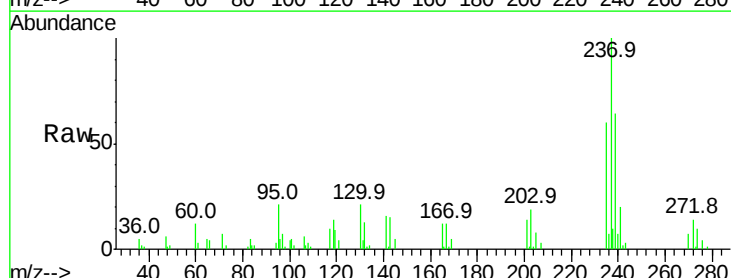


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

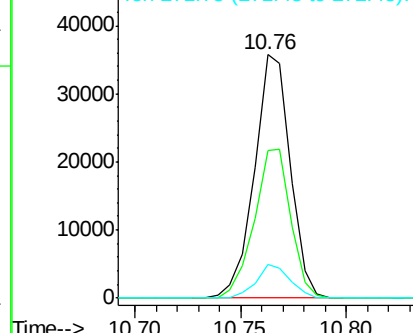
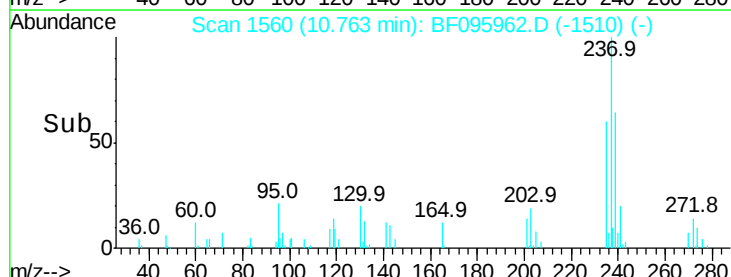


#40
 Hexachlorocyclopentadiene
 Concen: 44.12 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	42248		
235	60.4	42.6	82.6	
272	13.6	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





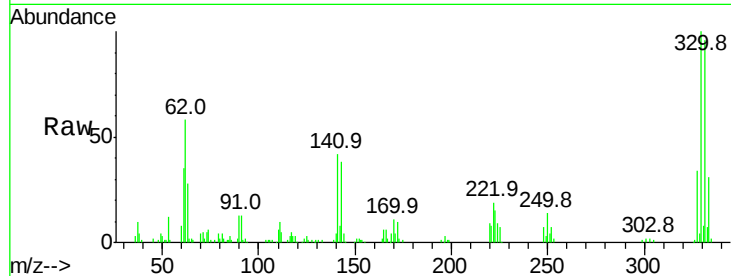
#41
 2,4,6-Tribromophenol
 Concen: 131.70 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampled :
 PB99832BS

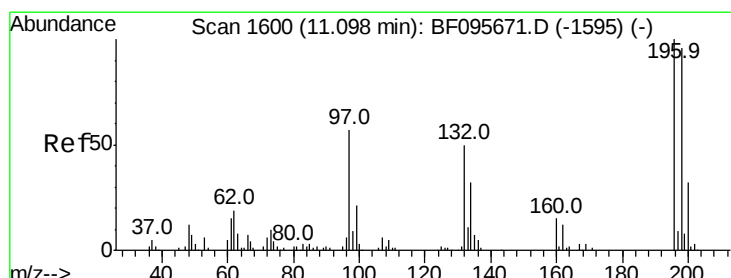
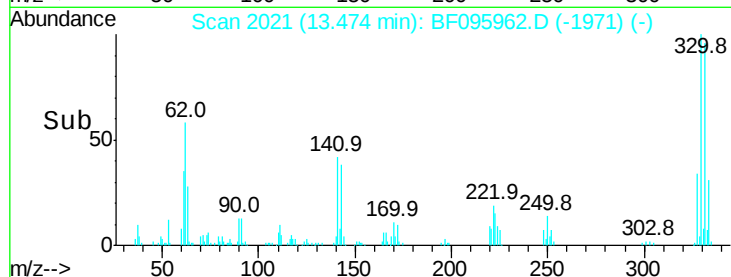
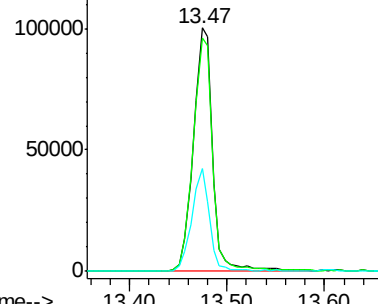
Tot Ion	Ratio	Resp	Lower	Upper
330	100	137176		
332	98.0	76.6	115.0	
141	39.0	31.4	47.2	

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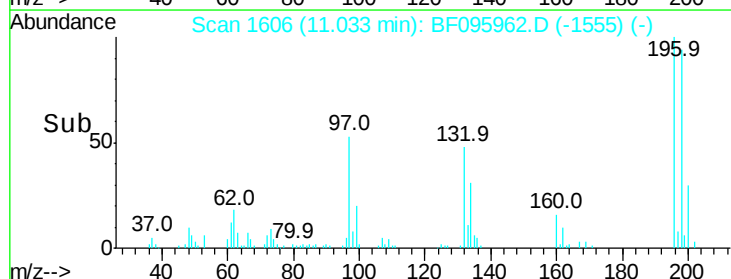
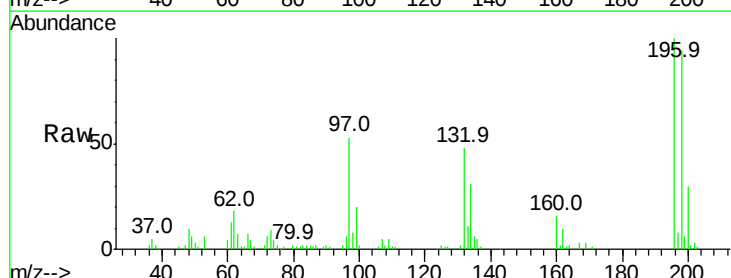
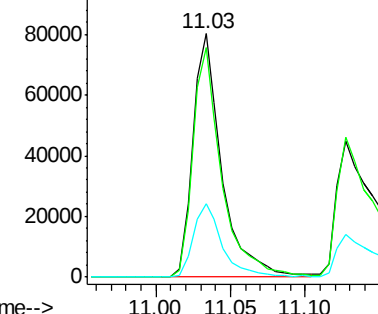
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

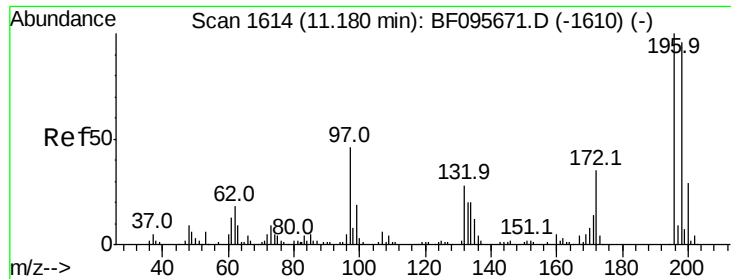


#42
 2,4,6-Trichlorophenol
 Concen: 48.11 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108994		
198	94.3	74.2	111.4	
200	30.1	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





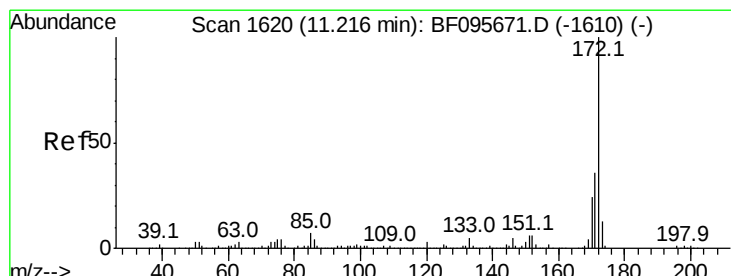
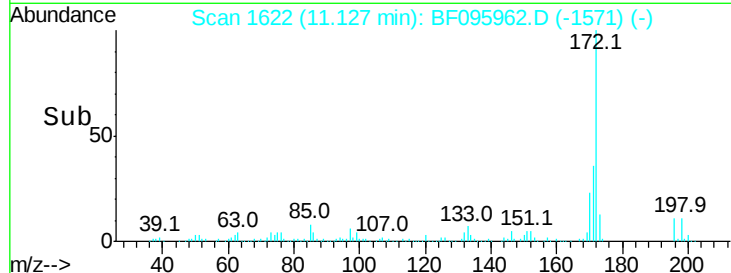
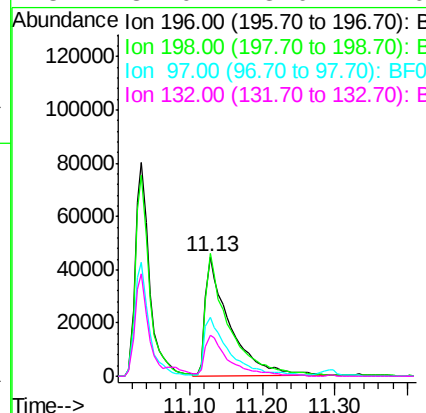
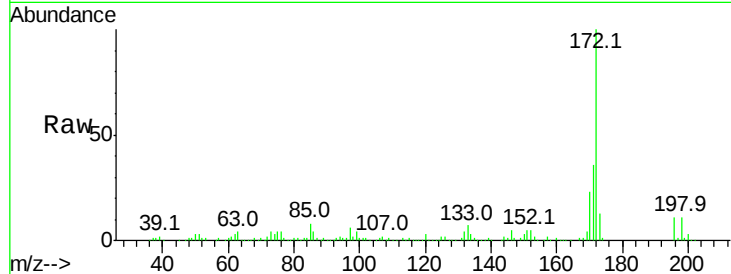
#43
 2,4,5-Trichlorophenol
 Concen: 43.40 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104583		
198	102.7	75.7	113.5	
97	49.8	47.7	71.5	
132	34.0	28.0	42.0	

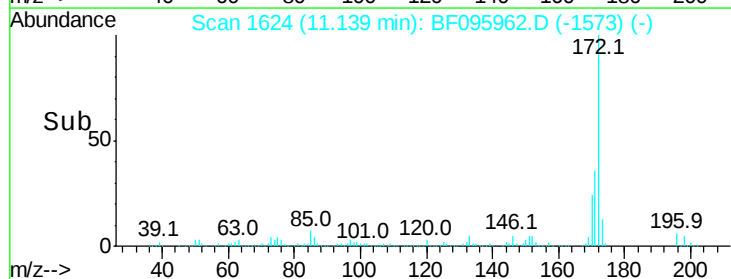
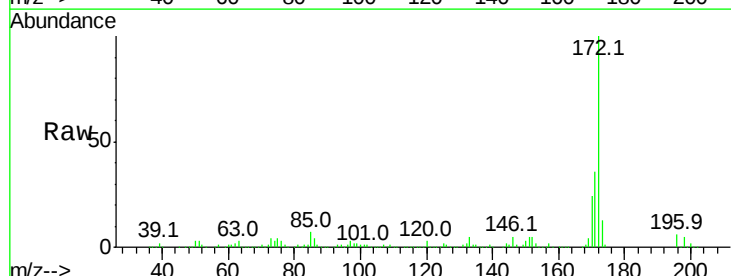
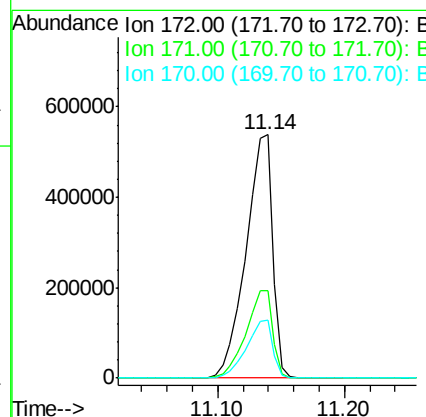
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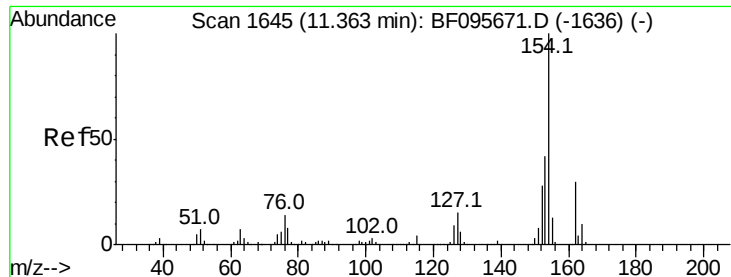
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#44
 2-Fluorobiphenyl
 Concen: 93.37 ng
 RT: 11.14 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	789878		
171	36.0	29.6	44.4	
170	23.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 46.61 ng

RT: 11.29 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

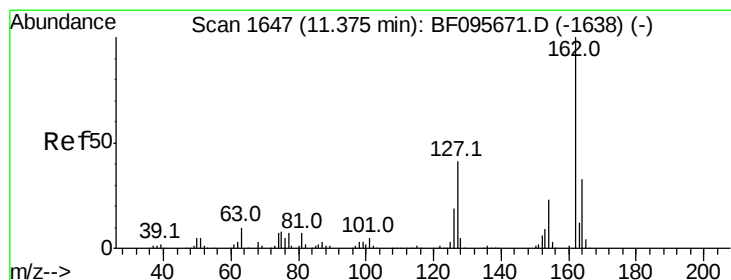
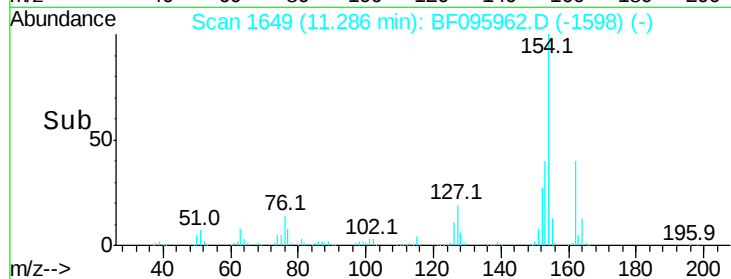
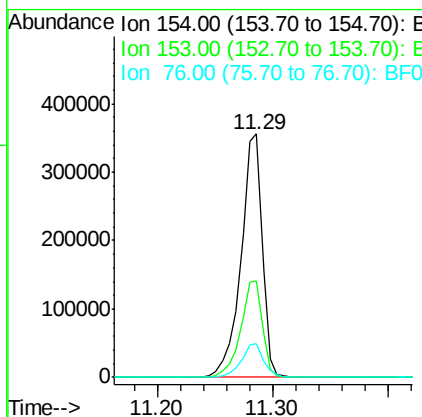
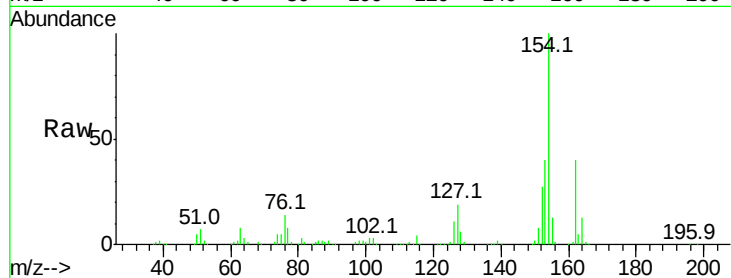
ClientSampleId :

PB99832BS

Tot Ion:	154	Resp:	452204
Ion Ratio	Lower	Upper	
154	100		
153	39.6	21.2	61.2
76	13.6	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 46.20 ng

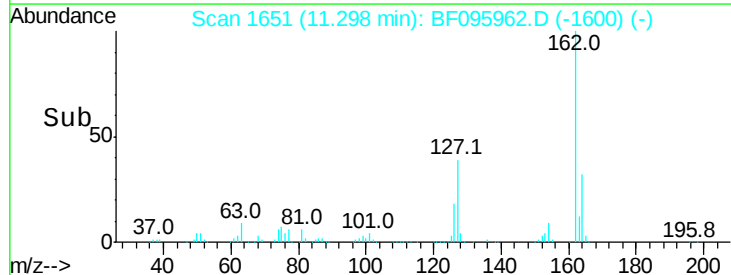
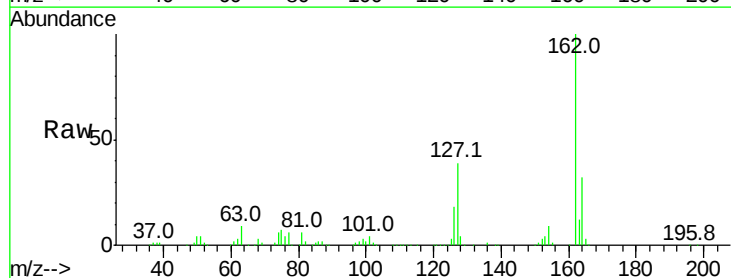
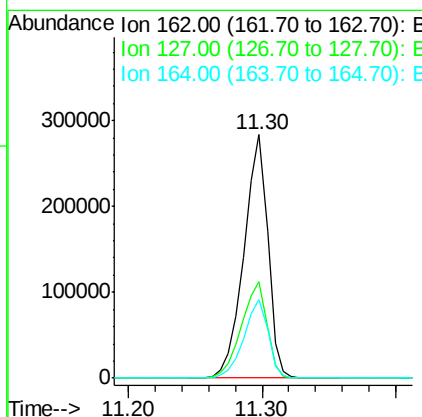
RT: 11.30 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	162	Resp:	350281
Ion Ratio	Lower	Upper	
162	100		
127	39.5	28.3	42.5
164	32.1	27.0	40.4





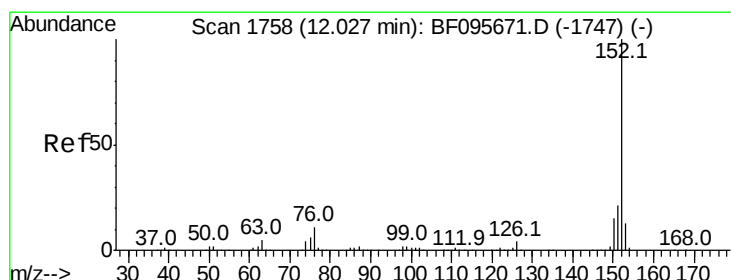
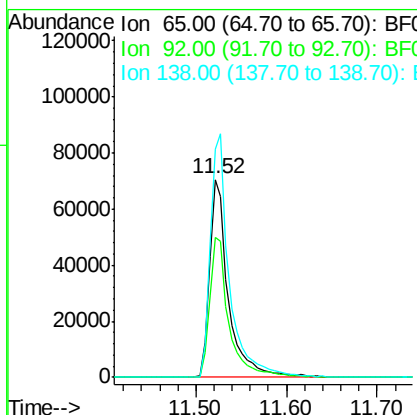
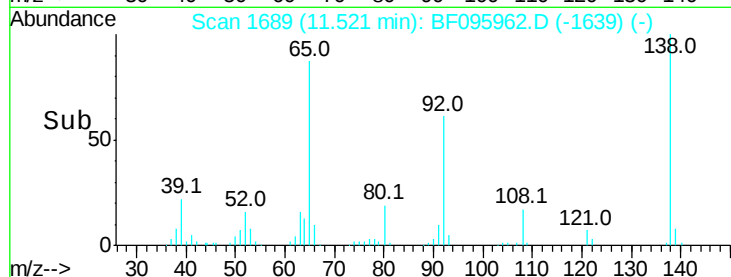
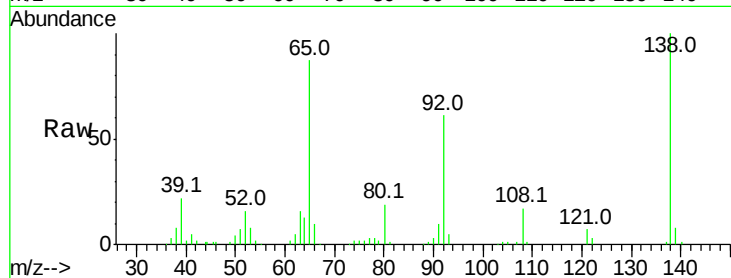
#47
2-Nitroaniline
Concen: 46.46 ng
RT: 11.52 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.9	80.9
138	115.5	78.8	118.2

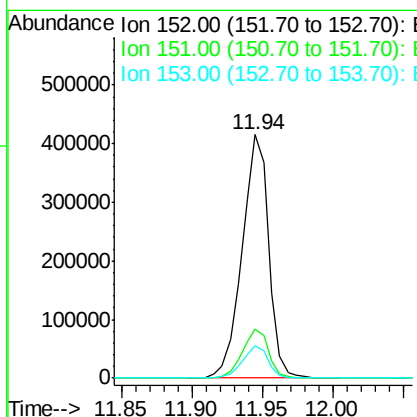
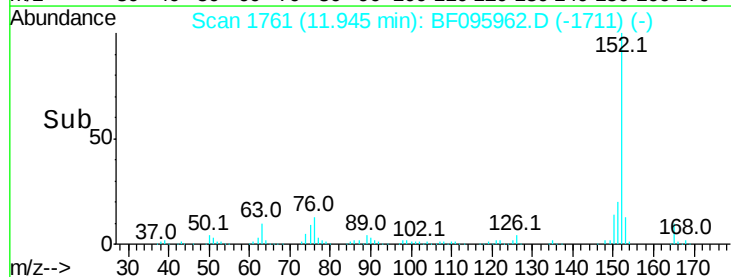
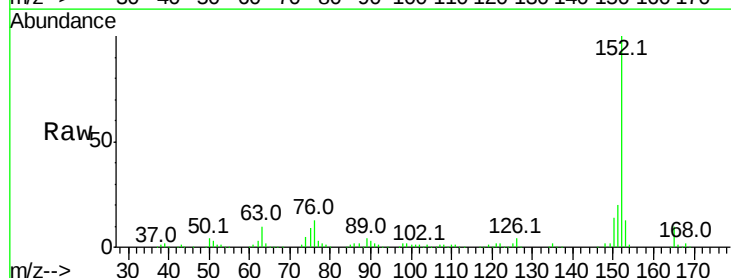
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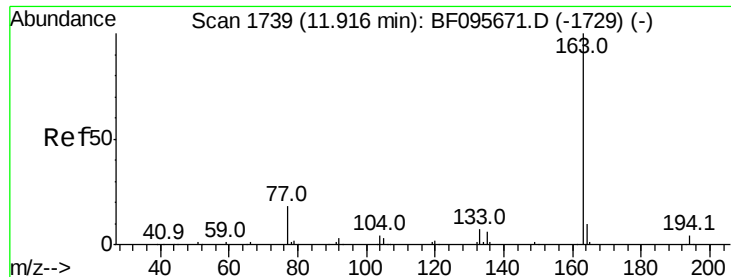
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#48
Acenaphthylene
Concen: 42.03 ng
RT: 11.94 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

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





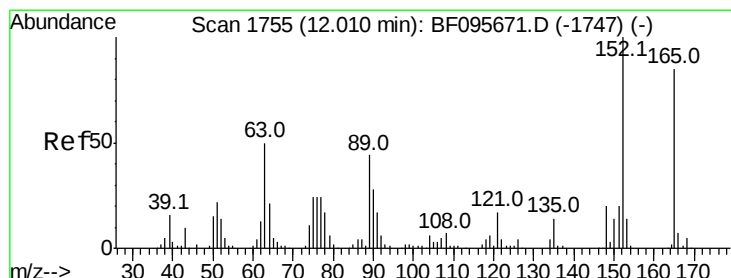
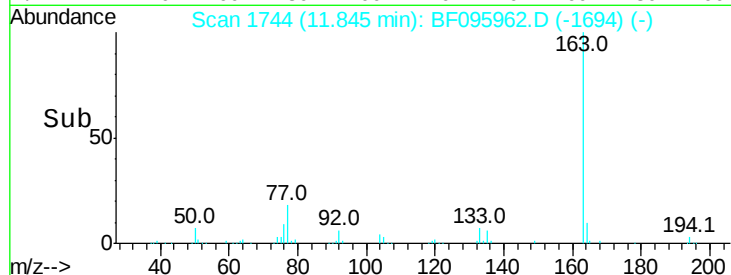
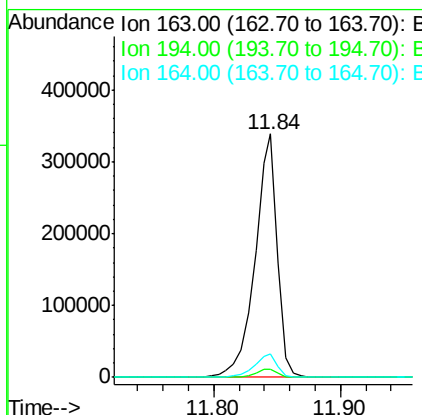
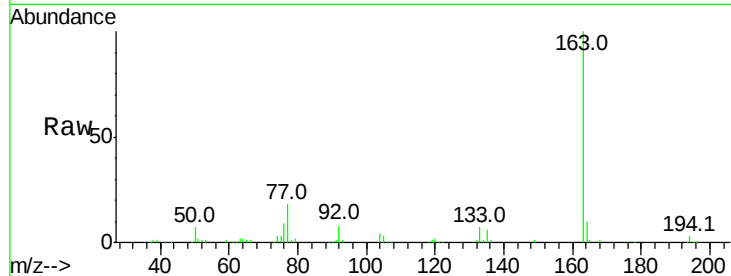
#49
Dimethylphthalate
Concen: 46.42 ng
RT: 11.84 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	414930		
194	3.2	2.6	4.0	
164	9.6	8.4	12.6	

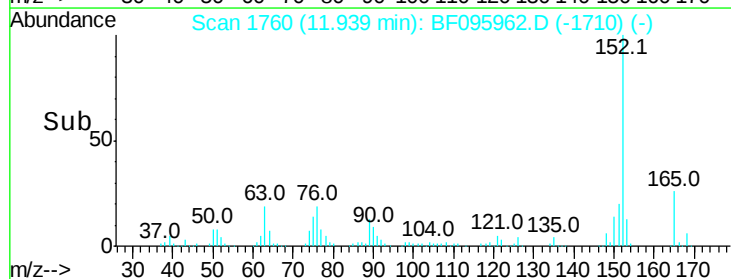
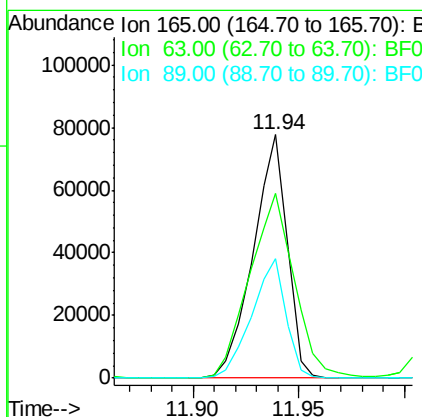
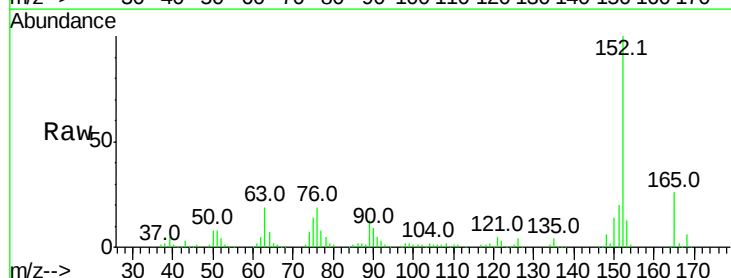
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#50
2,6-Dinitrotoluene
Concen: 44.58 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	86922		
63	75.8	34.3	51.5#	
89	48.9	37.1	55.7	





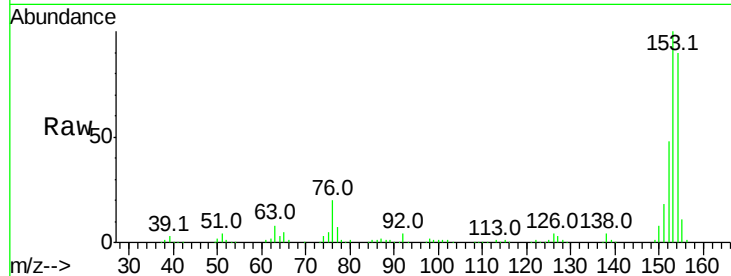
#51
Acenaphthene
Concen: 43.48 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

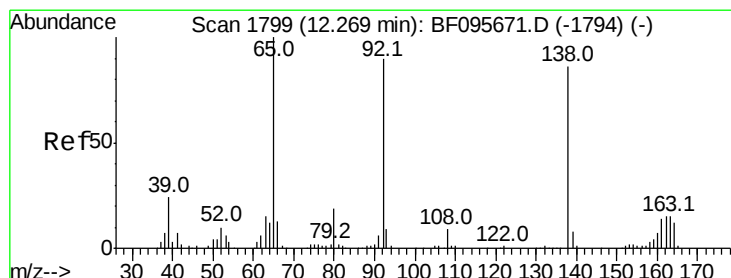
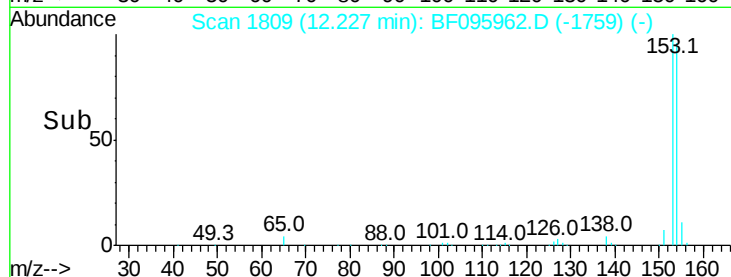
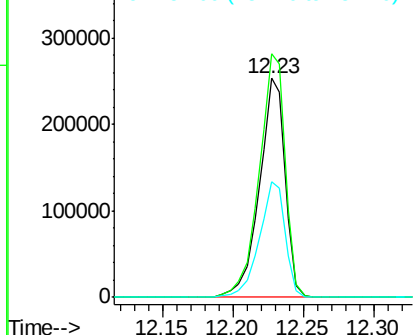
Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.5	135.7
152	52.8	43.6	65.4

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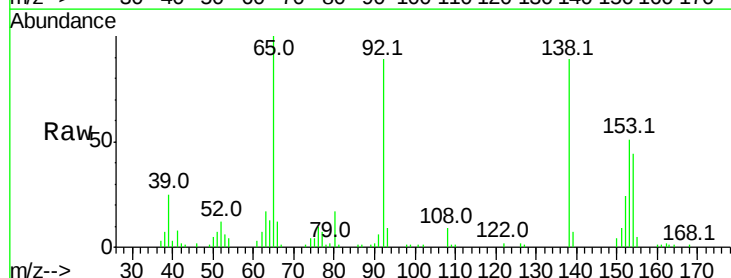


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

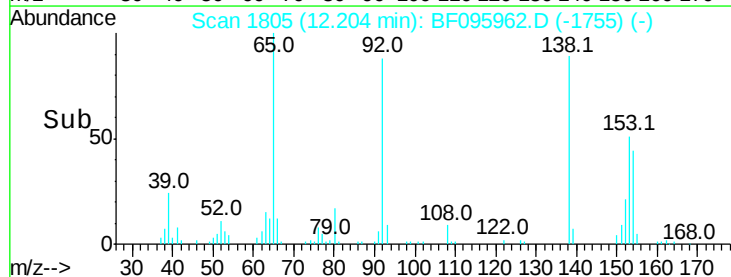
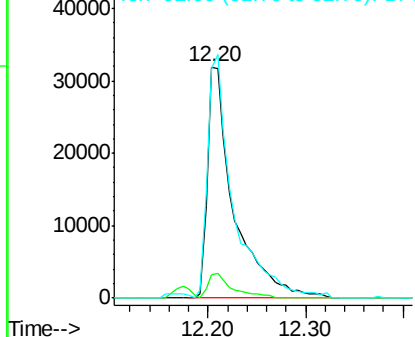


#52
3-Nitroaniline
Concen: 26.31 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	99.1	93.8	140.6



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





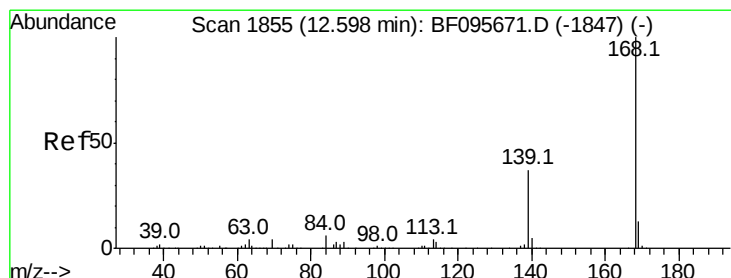
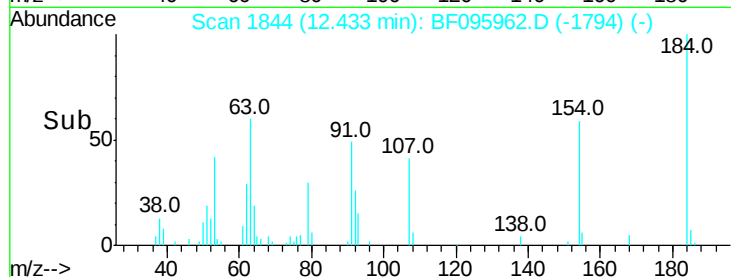
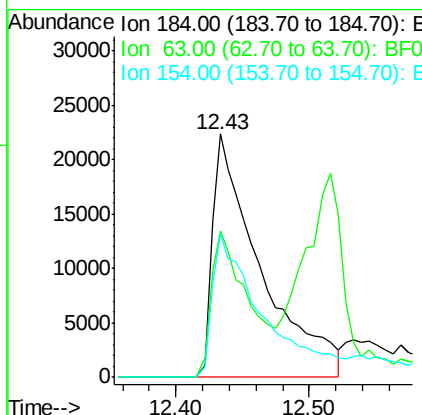
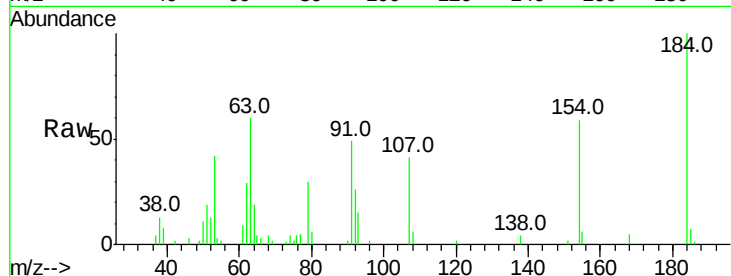
#53
 2,4-Dinitrophenol
 Concen: 53.09 ng
 RT: 12.43 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion:184 Resp: 55992
 Ion Ratio Lower Upper
 184 100
 63 60.3 62.7 94.1#
 154 59.2 81.1 121.7#

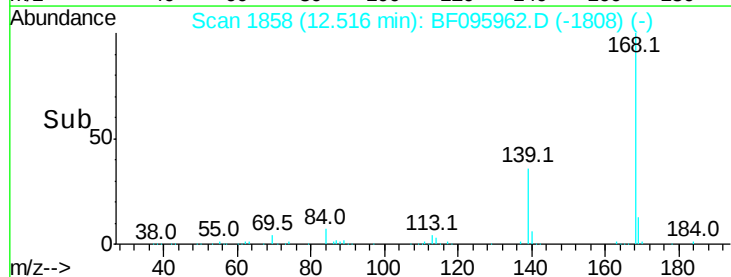
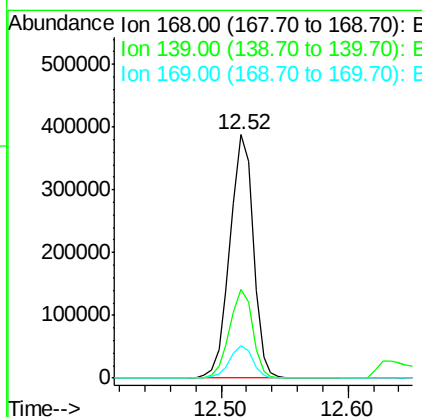
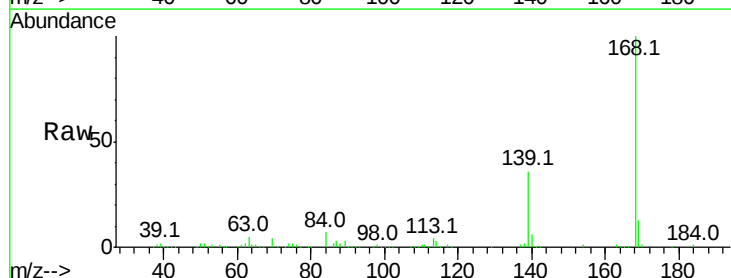
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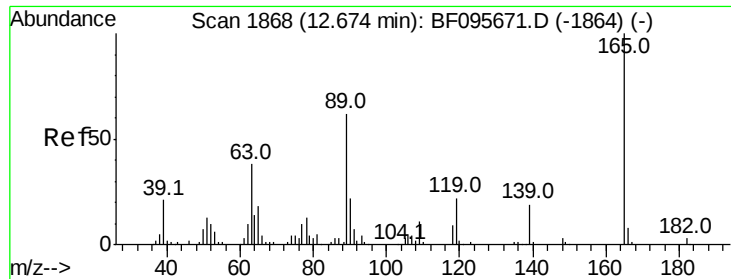
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#54
 Dibenzofuran
 Concen: 47.00 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:168 Resp: 495235
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 13.1 10.8 16.2





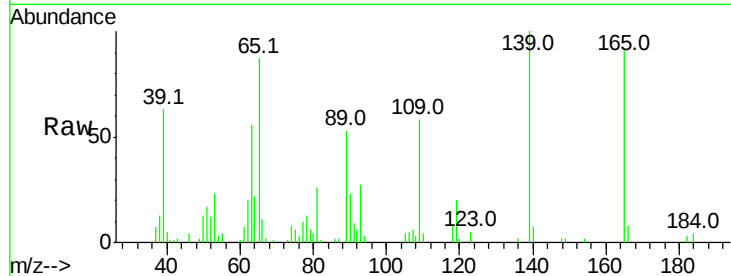
#55
4-Nitrophenol
Concen: 70.77 ng
RT: 12.63 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

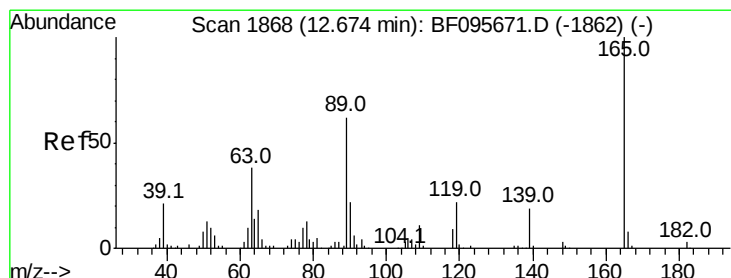
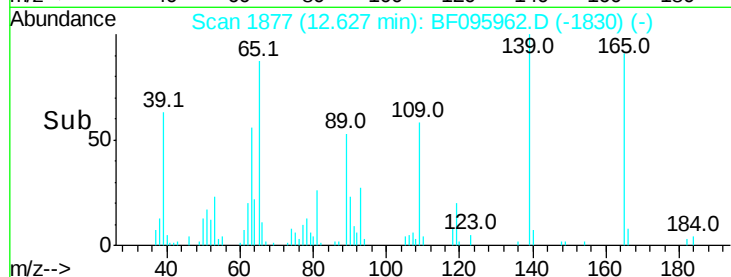
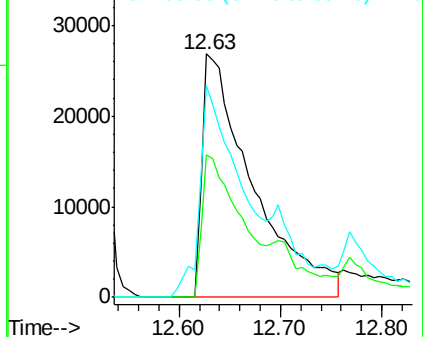
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.4	34.1	74.1	
65	87.1	31.4	71.4	

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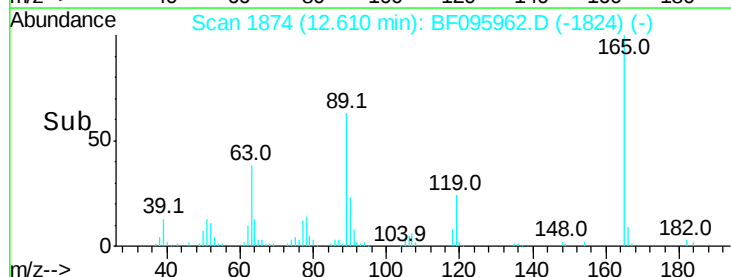
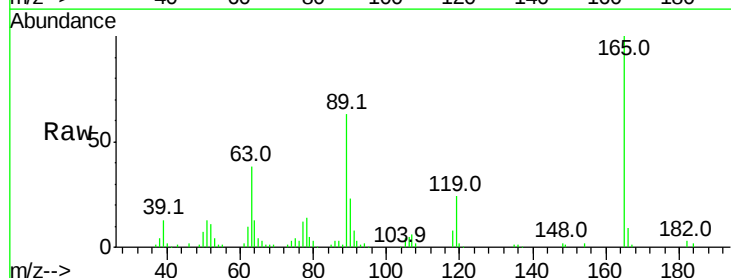
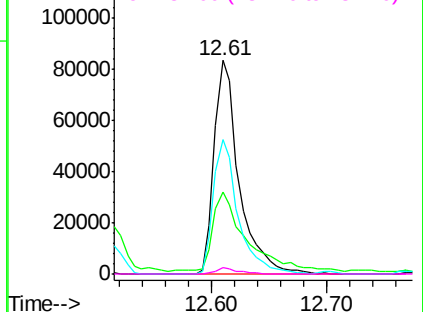
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

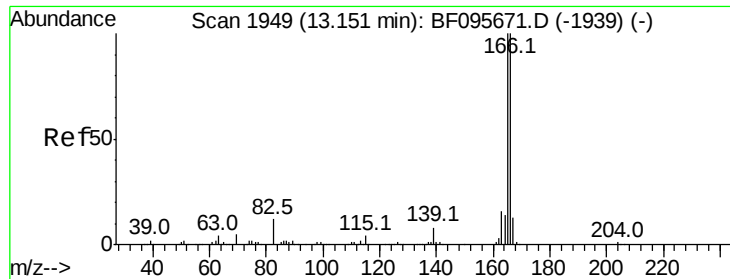


#56
2,4-Dinitrotoluene
Concen: 47.57 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.4	25.4	38.0	
89	62.9	46.4	69.6	
182	2.9	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





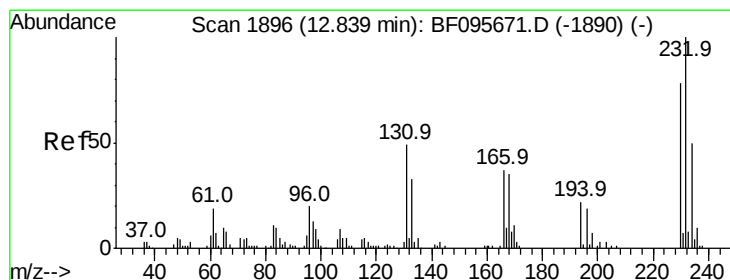
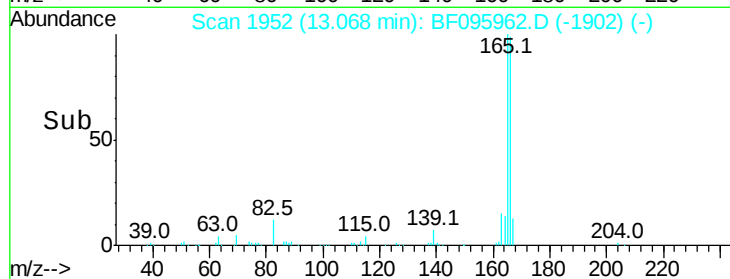
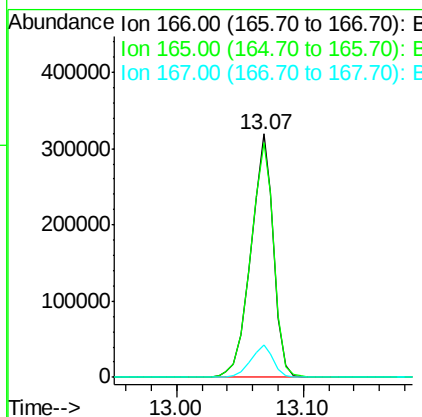
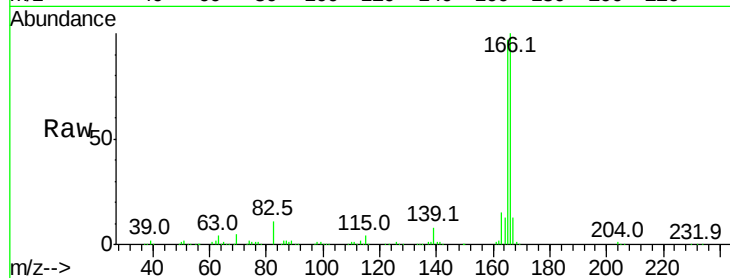
#57
 Fluorene
 Concen: 43.07 ng
 RT: 13.07 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	394995		
165	96.6		78.8	118.2
167	13.4		10.6	16.0

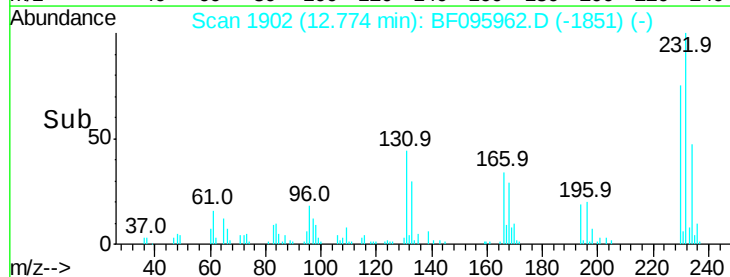
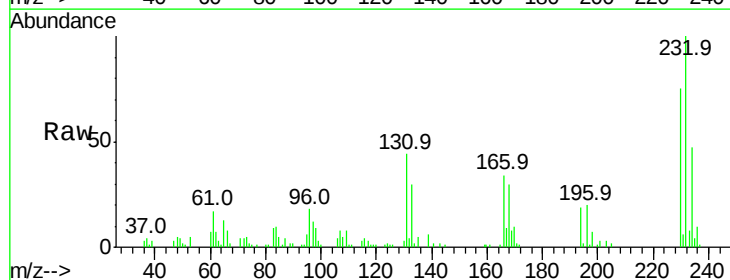
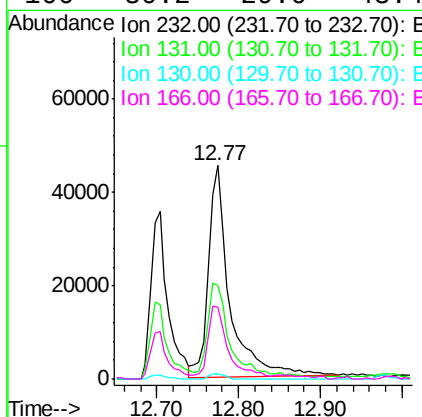
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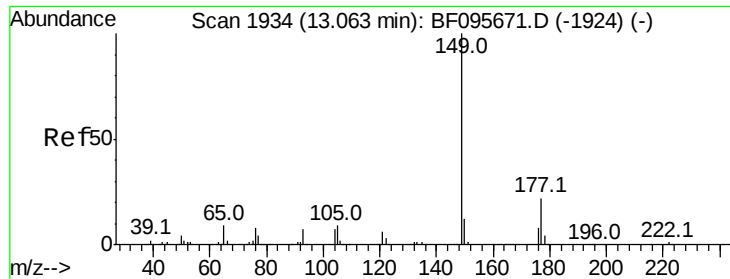
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.76 ng
 RT: 12.77 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	82043		
131	47.6		44.8	67.2
130	1.8		2.3	3.5#
166	30.2		29.0	43.4





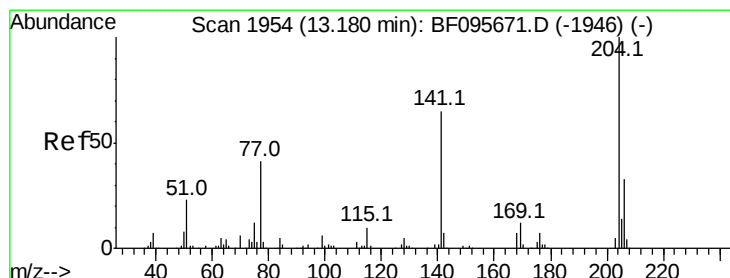
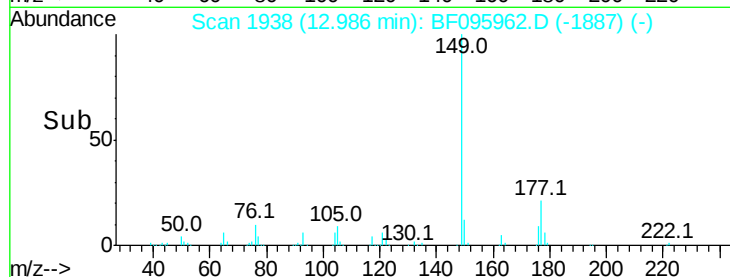
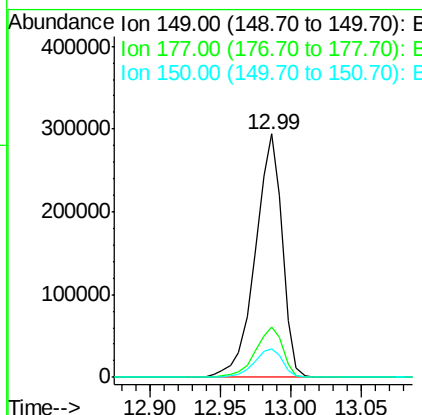
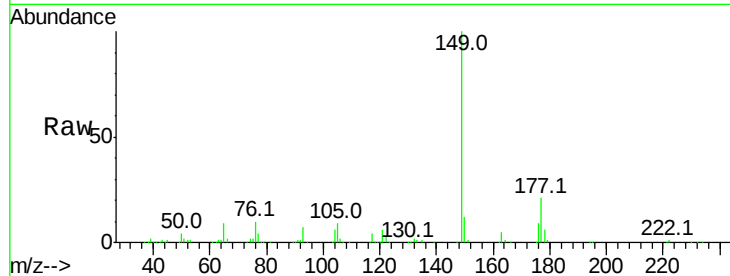
#59
Diethylphthalate
Concen: 46.01 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395757		
177	20.8	16.7	25.1	
150	11.8	10.2	15.2	

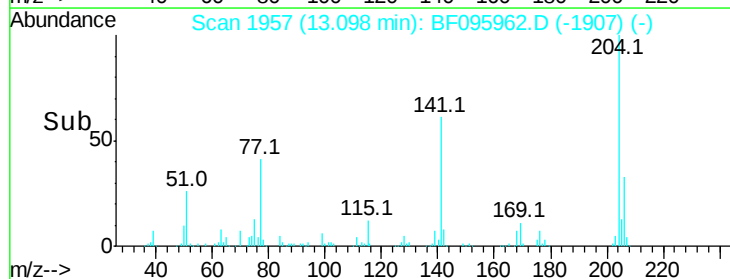
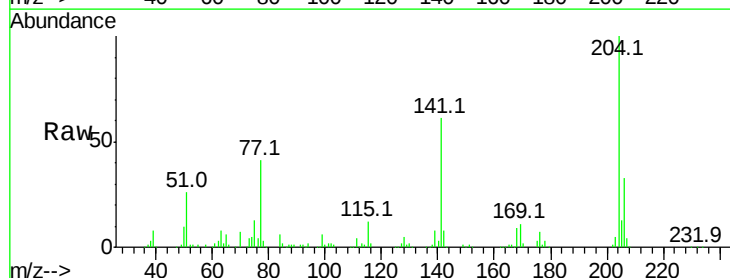
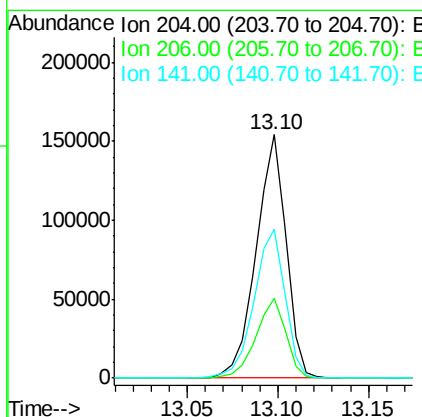
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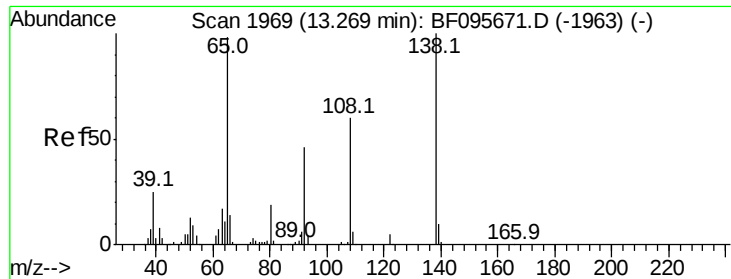
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.32 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	176738		
206	32.6	26.2	39.2	
141	61.3	60.8	91.2	





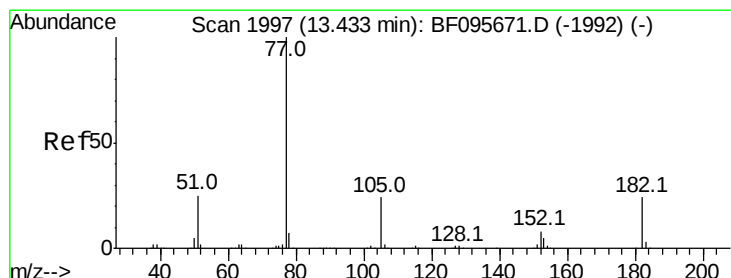
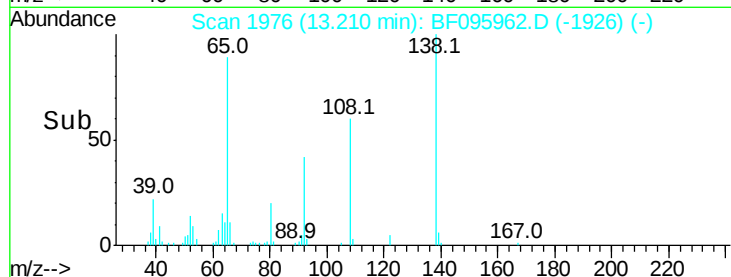
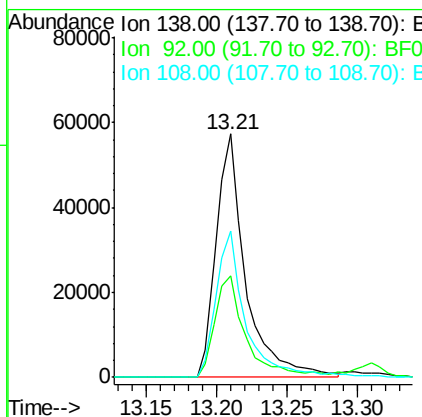
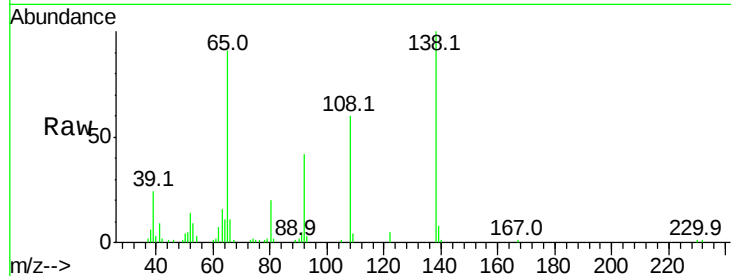
#61
4-Nitroaniline
Concen: 39.37 ng
RT: 13.21 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.6	21.8	61.8
108	60.1	42.3	82.3

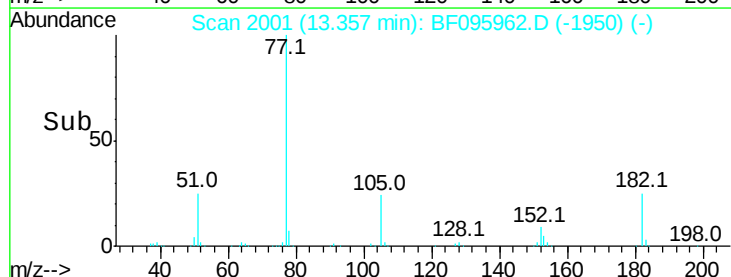
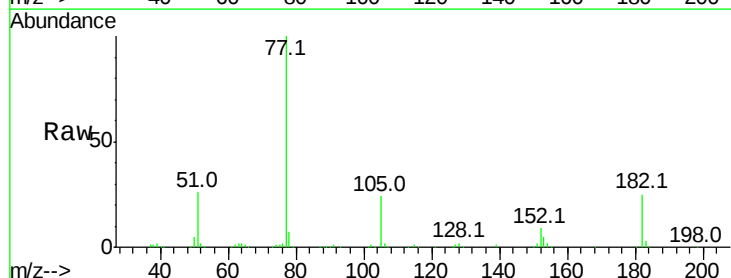
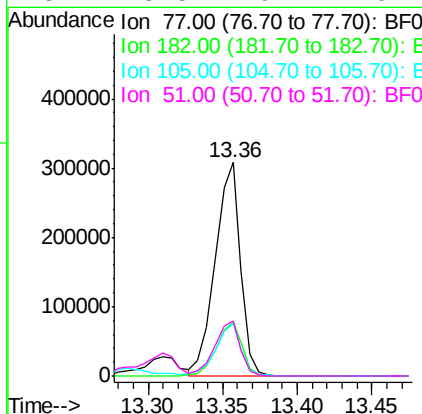
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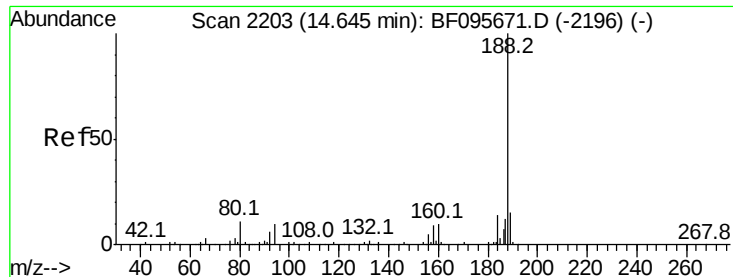
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#62
Azobenzene
Concen: 46.89 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.1	40.1
105	24.3	3.6	43.6
51	25.5	9.4	49.4





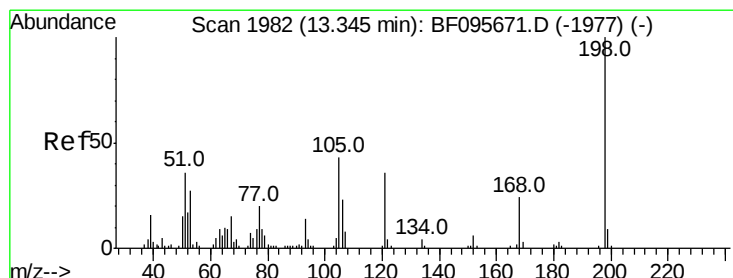
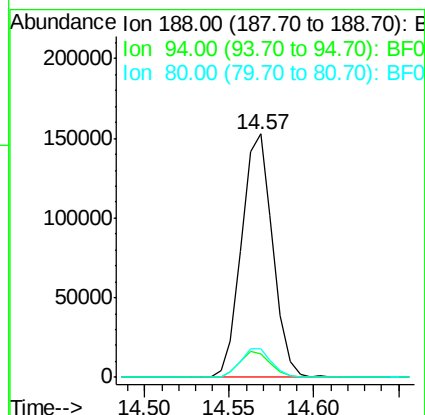
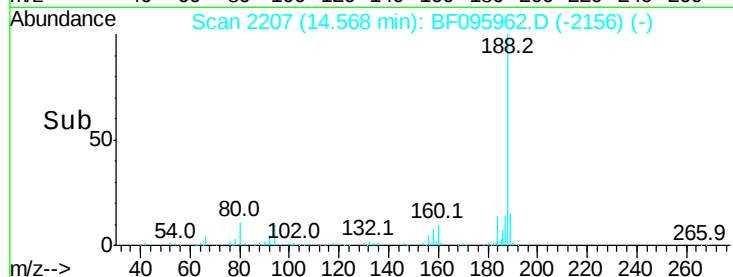
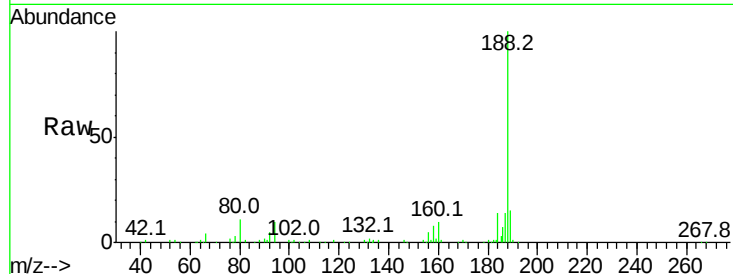
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	195464		
94	9.7		9.4	14.2
80	11.5		10.2	15.2

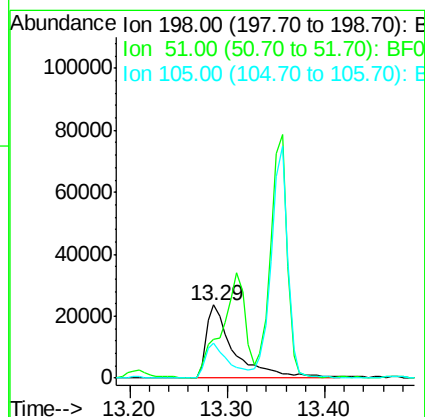
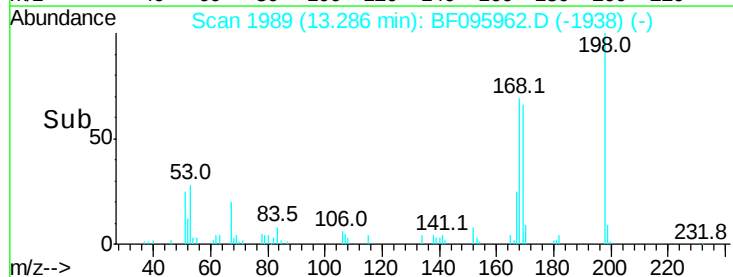
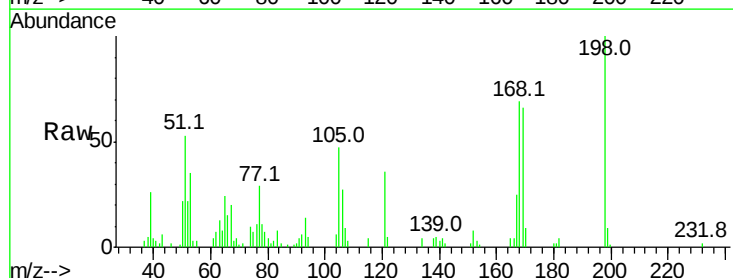
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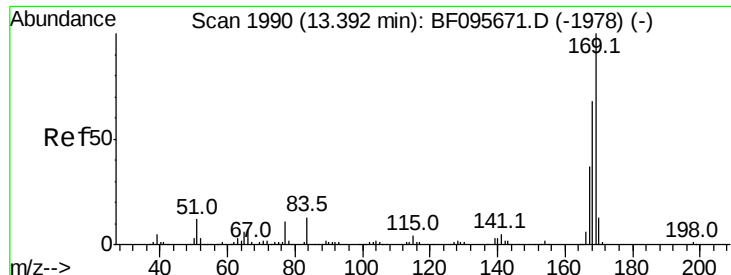
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.36 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	46720		
51	53.4		53.2	93.2
105	47.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 48.38 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

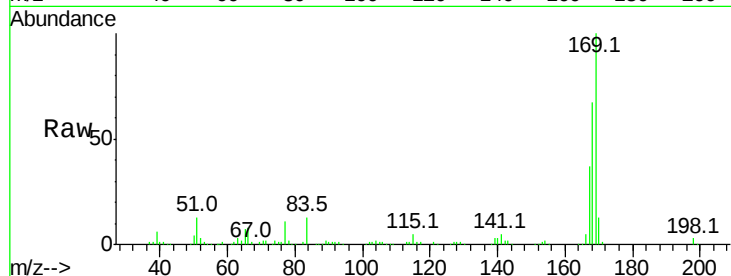
ClientSampleId :

PB99832BS

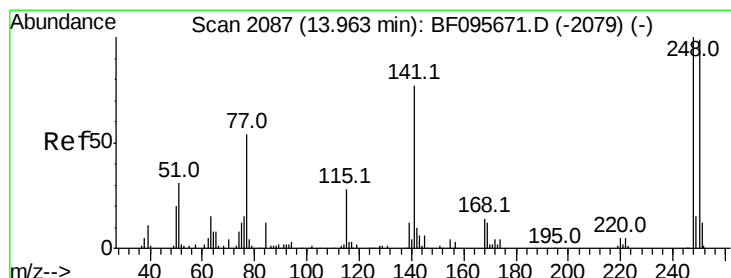
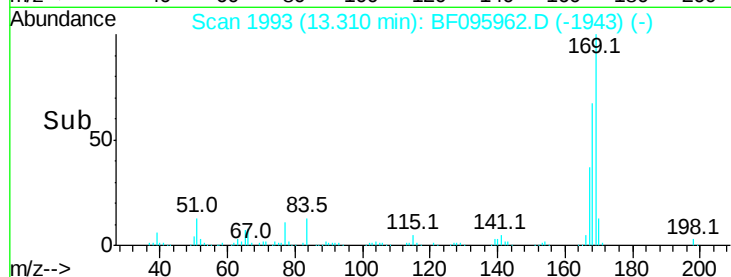
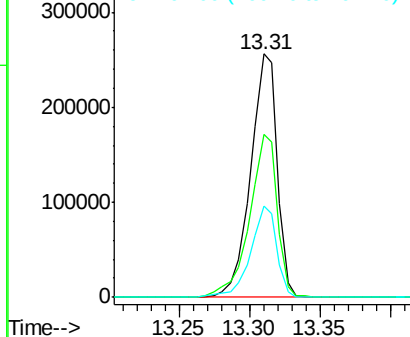
Tot Ion:	169	Resp:	339801
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.2	79.8
167	37.4	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.15 ng

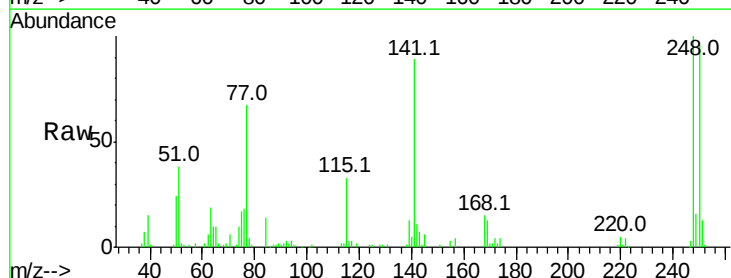
RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

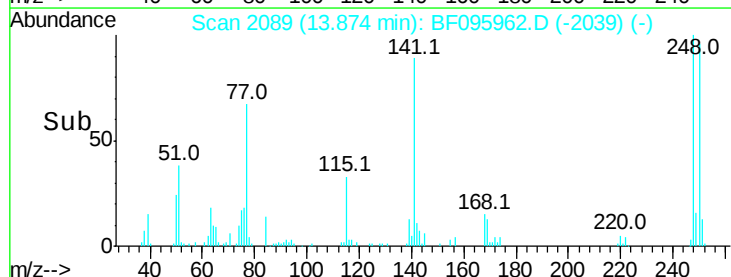
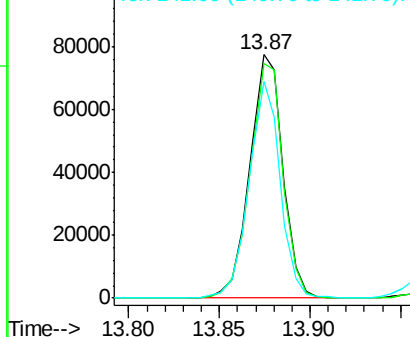
Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	248	Resp:	97807
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.8	115.2
141	89.0	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.92 ng

RT: 13.96 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

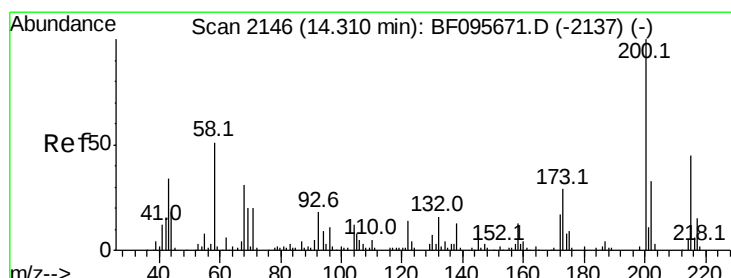
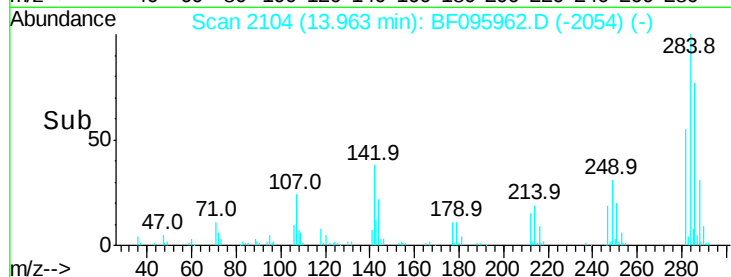
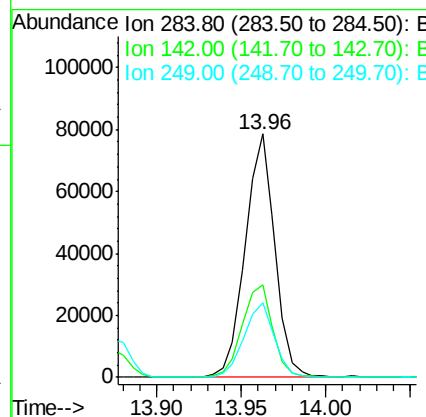
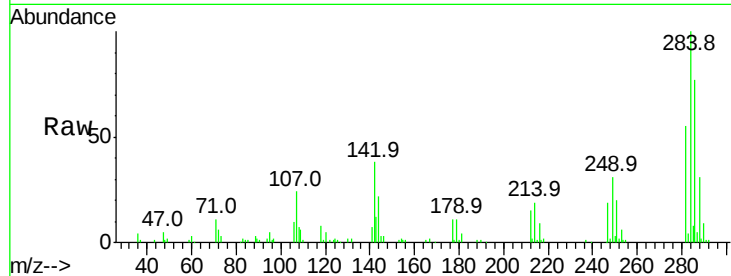
ClientSampled :

PB99832BS

Tot Ion:	284	Resp:	95919
Ion Ratio	Lower	Upper	
284	100		
142	38.2	22.8	34.2#
249	30.5	24.0	36.0

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#68

Atrazine

Concen: 51.03 ng

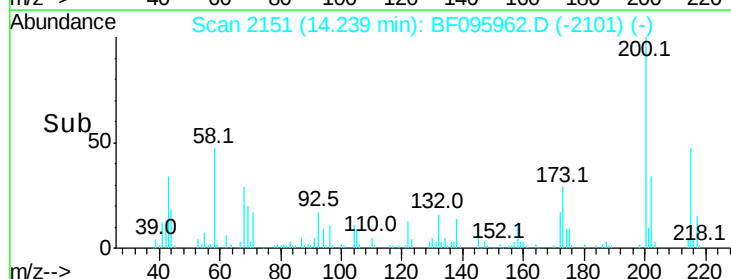
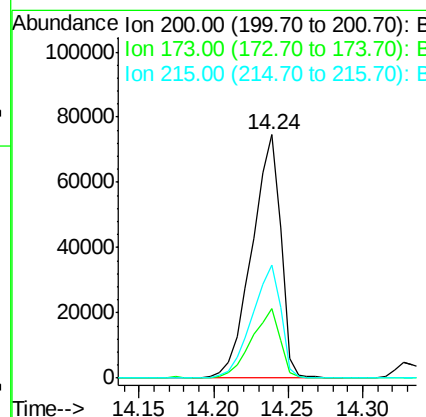
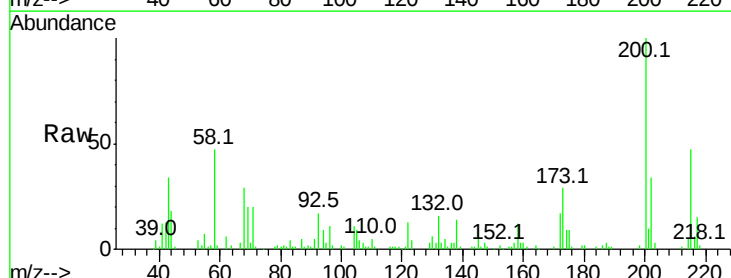
RT: 14.24 min Scan# 2151

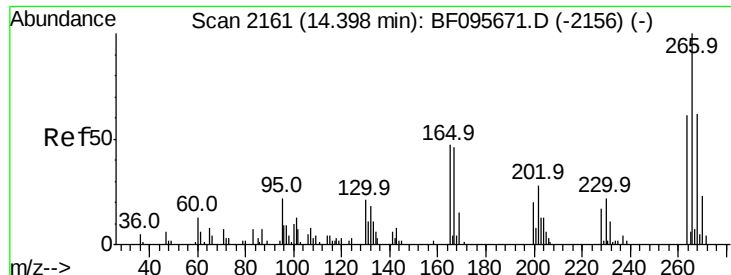
Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	200	Resp:	99756
Ion Ratio	Lower	Upper	
200	100		
173	28.8	6.3	46.3
215	46.5	27.2	67.2





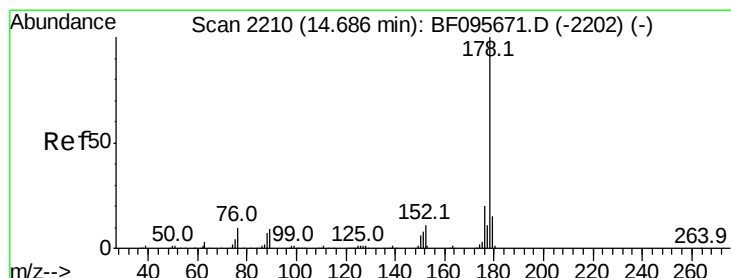
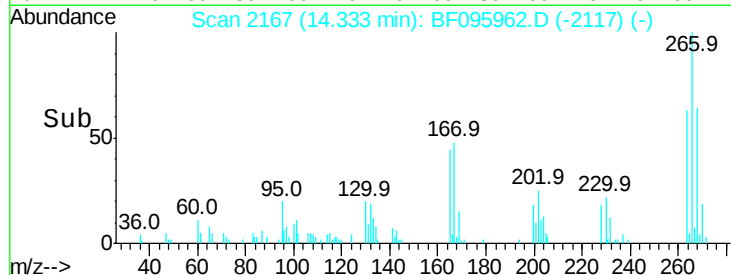
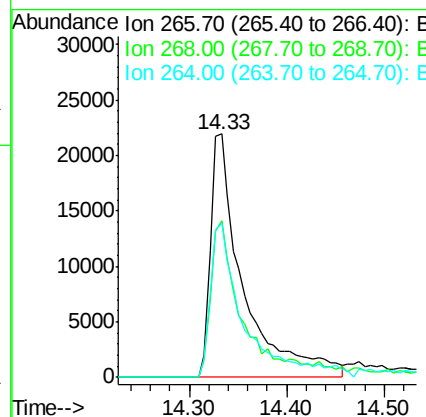
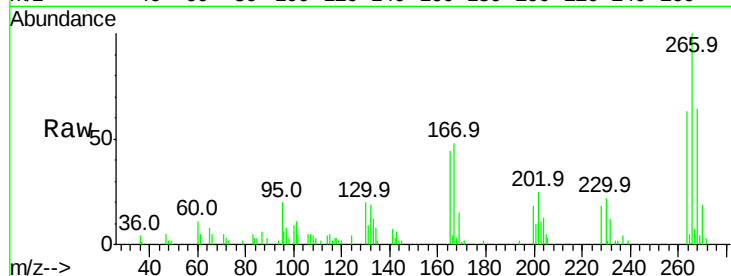
#69
 Pentachlorophenol
 Concen: 68.11 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	50883		
268	64.3		51.1	76.7
264	63.2		51.7	77.5

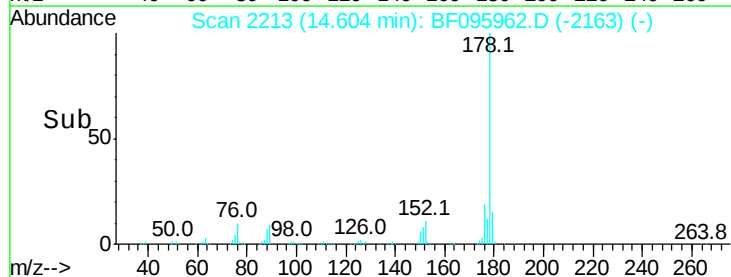
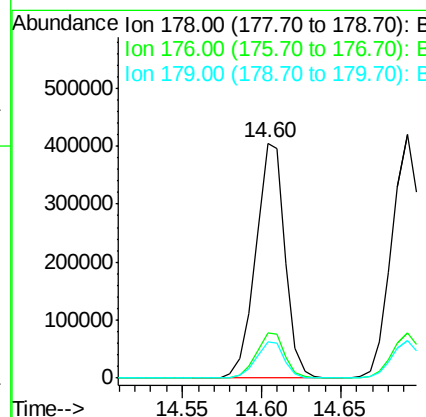
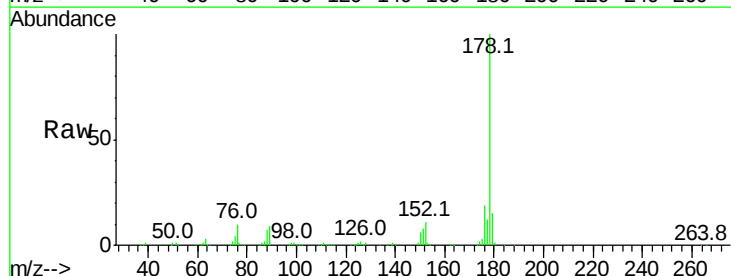
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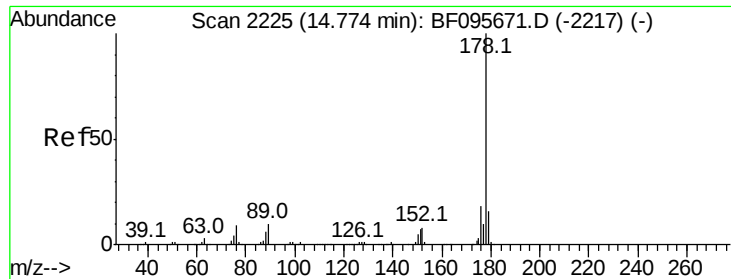
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#70
 Phenanthrene
 Concen: 46.03 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	519168		
176	19.2		16.2	24.4
179	15.3		12.6	19.0





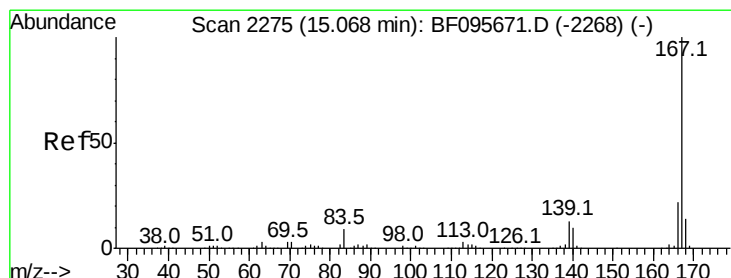
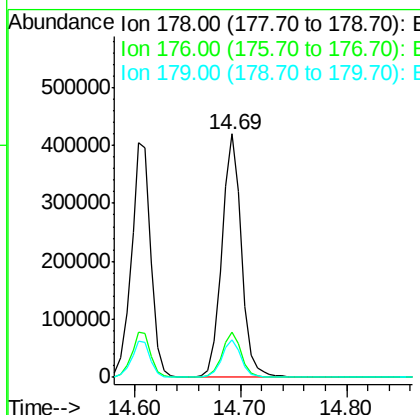
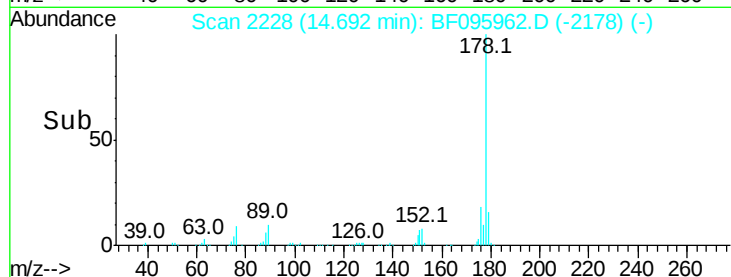
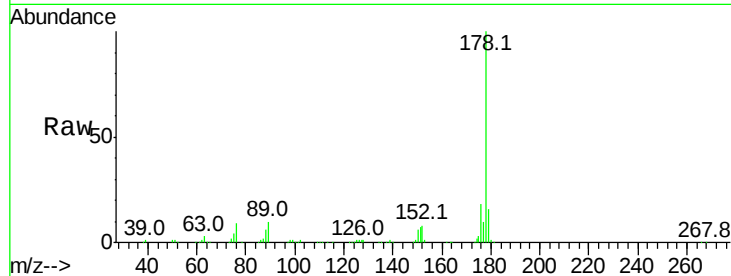
#71
 Anthracene
 Concen: 45.88 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampled :
 PB99832BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.6	12.7	19.1

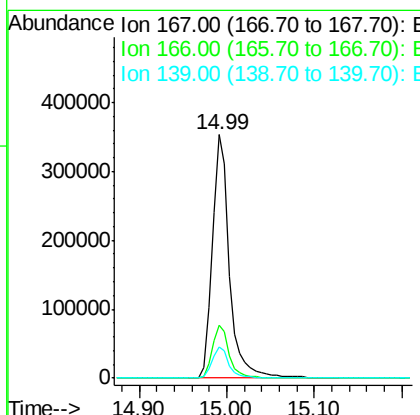
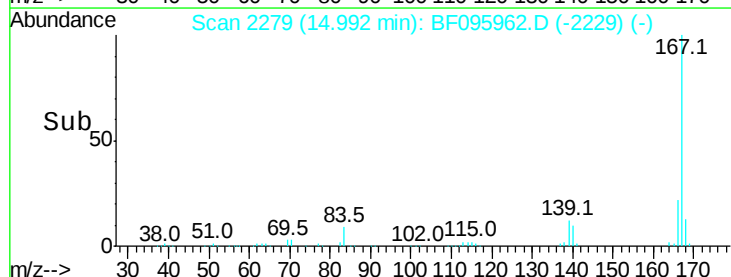
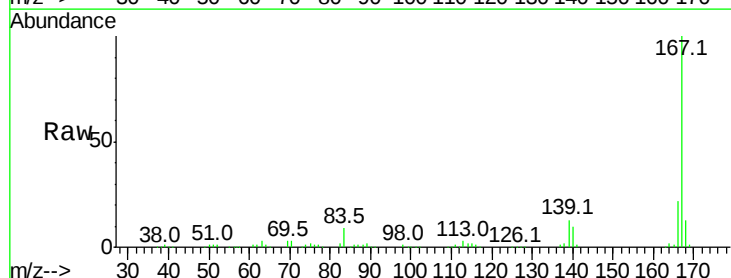
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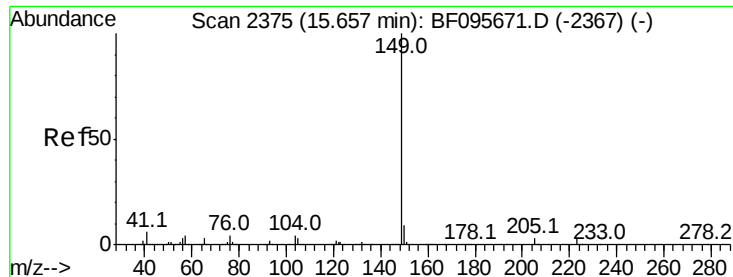
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#72
 Carbazole
 Concen: 41.89 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 49.11 ng

RT: 15.59 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

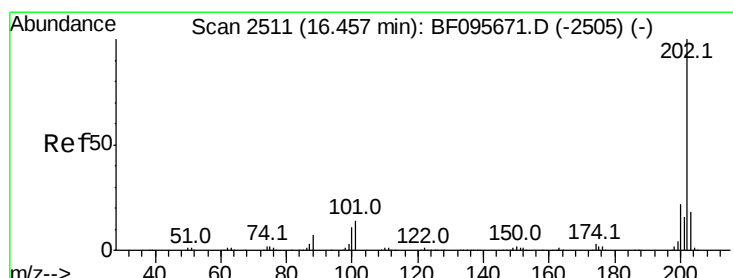
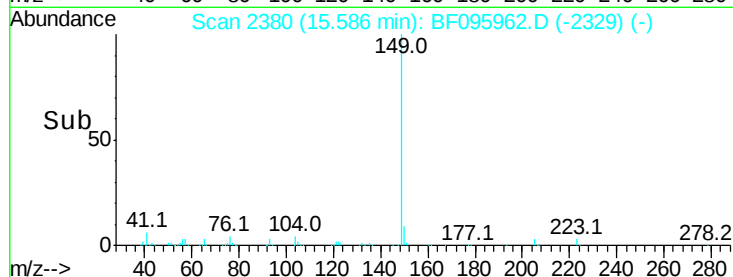
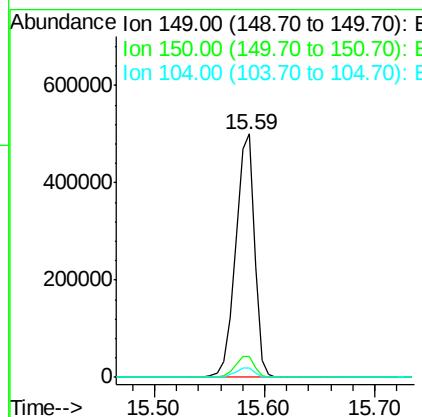
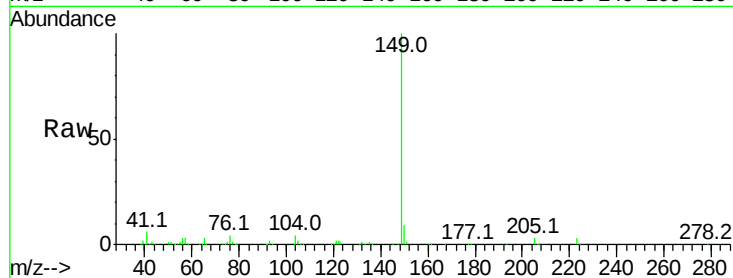
ClientSampleId :

PB99832BS

Tot Ion:	149	Resp:	599555
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.7	11.5
104	3.9	4.0	6.0#

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#74

Fluoranthene

Concen: 40.91 ng

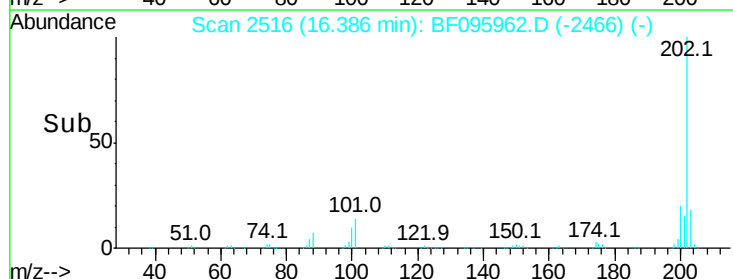
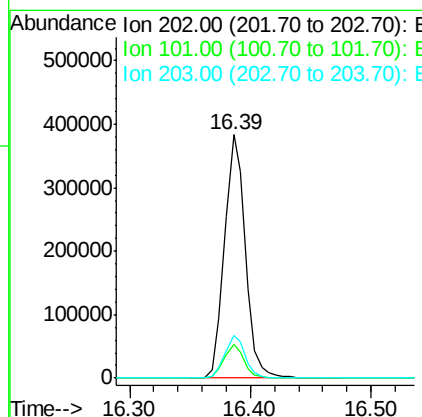
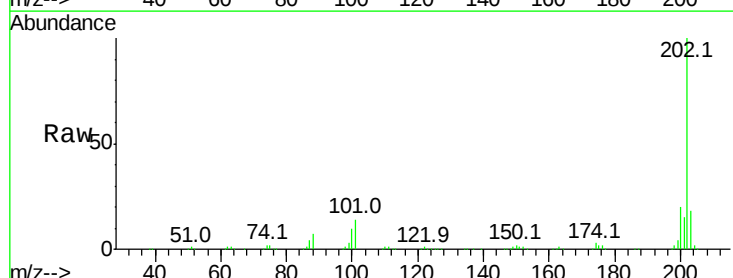
RT: 16.39 min Scan# 2516

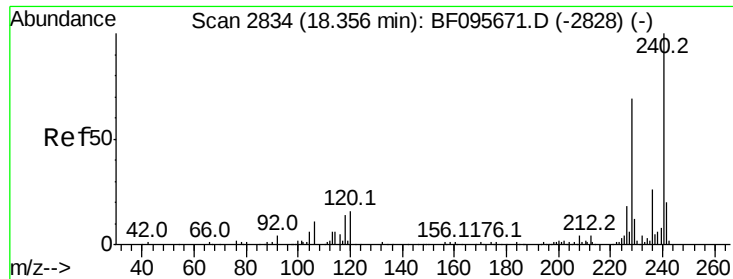
Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	202	Resp:	456634
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

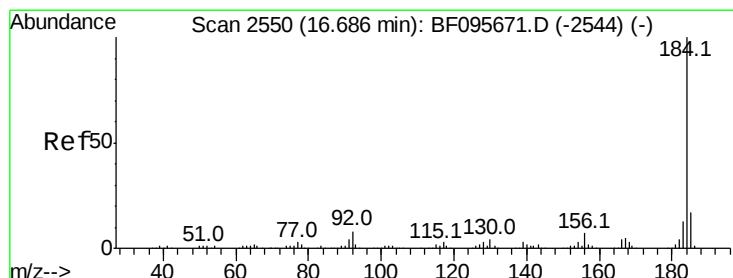
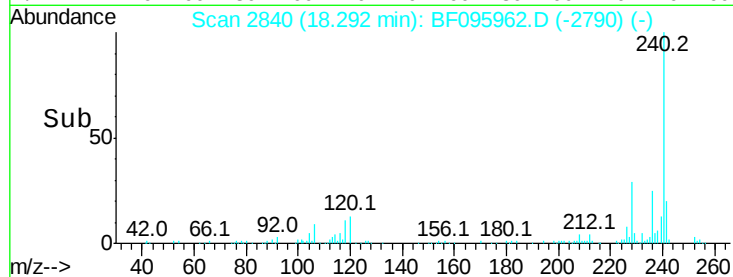
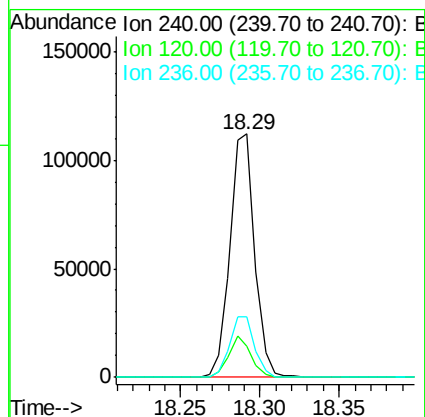
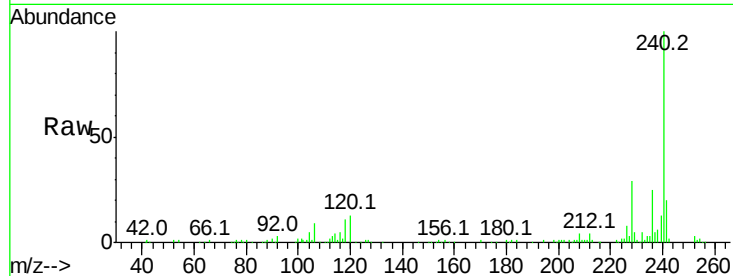
ClientSampleId :

PB99832BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	24.8	20.5	30.7

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#76

Benzidine

Concen: 46.04 ng

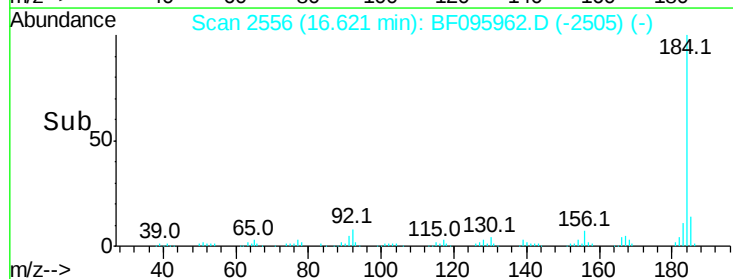
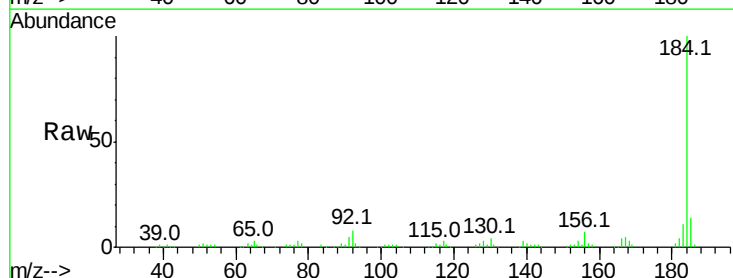
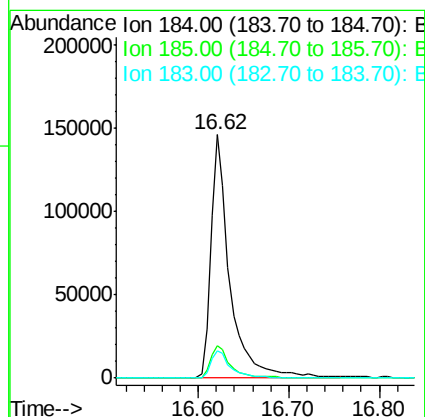
RT: 16.62 min Scan# 2556

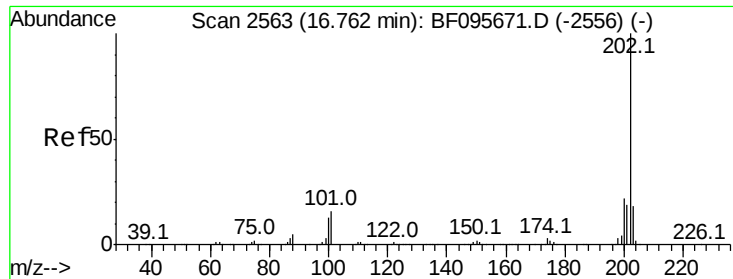
Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	15.5	23.3#
183	11.4	9.8	14.6





#77

Pvrene

Concen: 49.89 ng

RT: 16.69 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

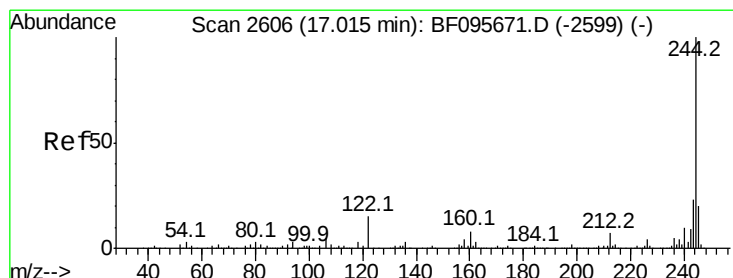
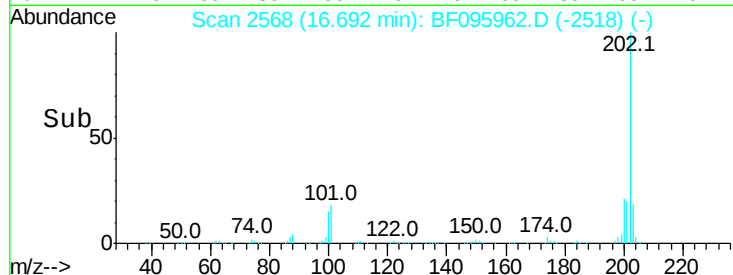
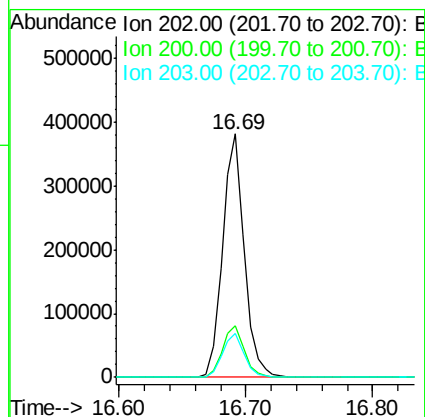
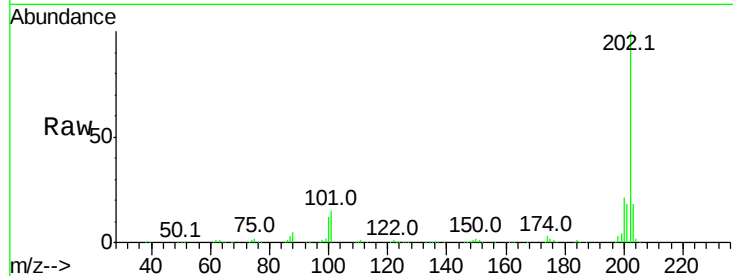
ClientSampleID :

PB99832BS

Tot Ion:	202	Resp:	451135
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 109.18 ng

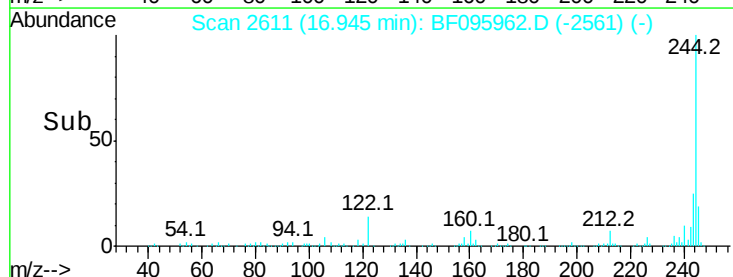
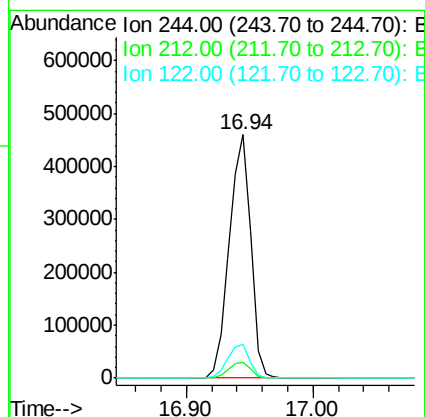
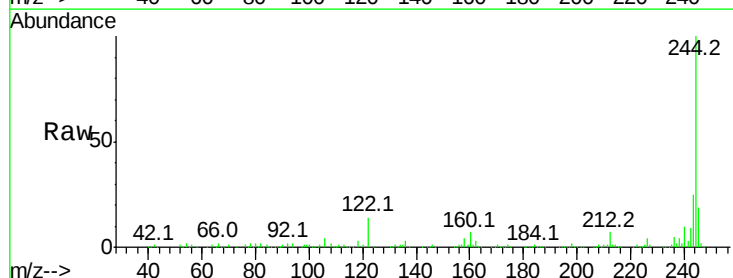
RT: 16.94 min Scan# 2611

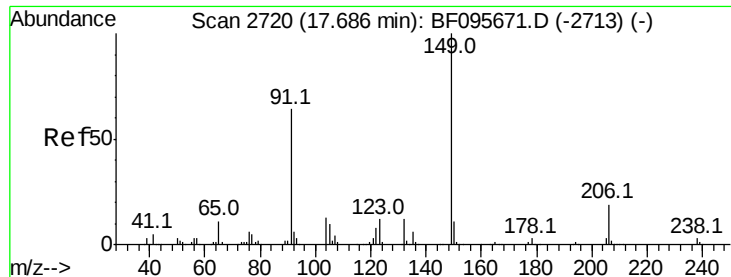
Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:	244	Resp:	533112
Ion Ratio		Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.8	10.3	15.5





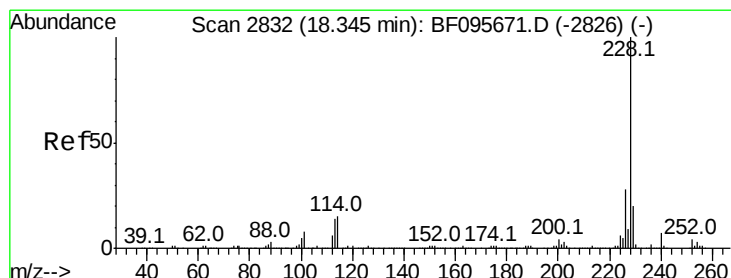
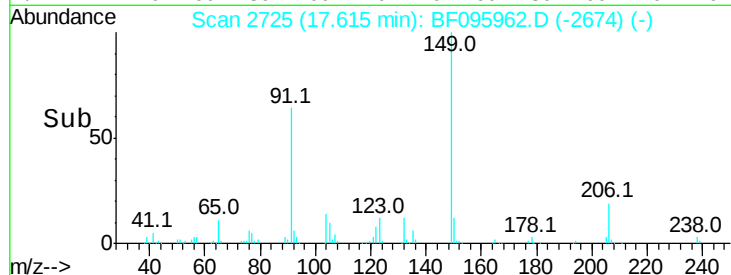
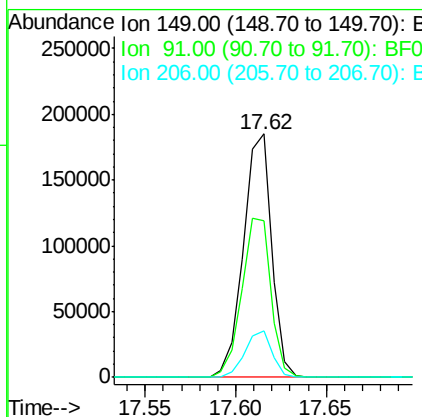
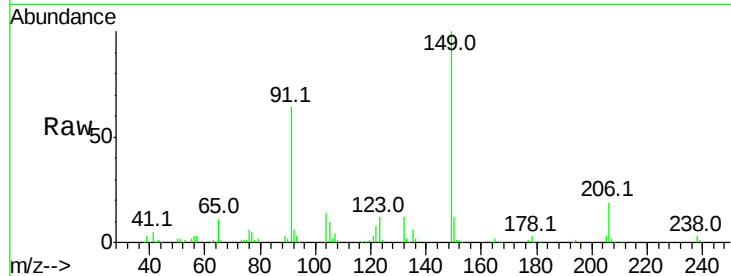
#79
Butylbenzylphthalate
Concen: 50.62 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleID :
PB99832BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	199891		
91	64.1	45.0	67.4	
206	19.3	17.0	25.6	

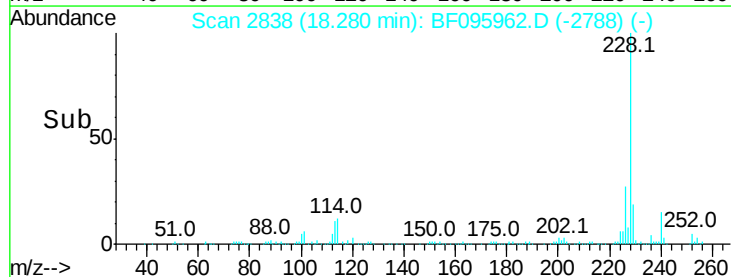
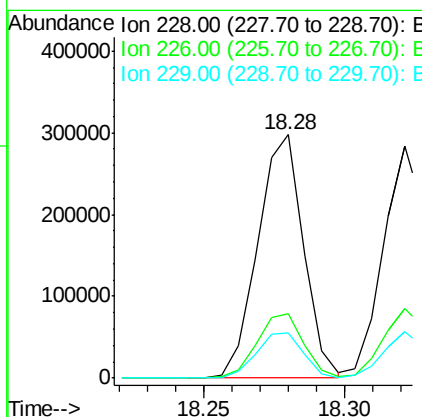
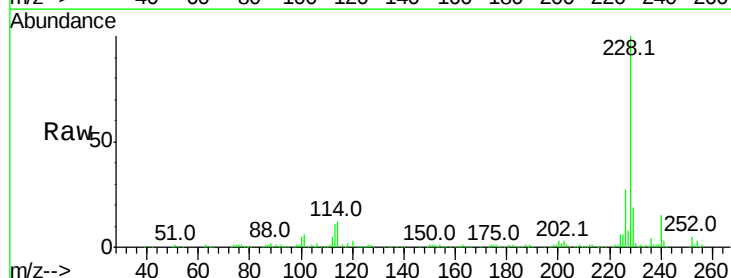
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#80
Benzo(a)anthracene
Concen: 47.26 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	332964		
226	26.6	22.6	33.8	
229	18.7	16.3	24.5	





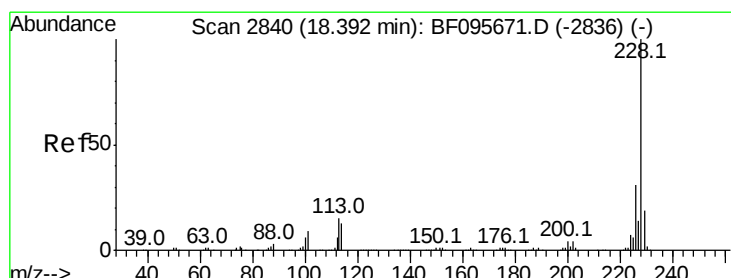
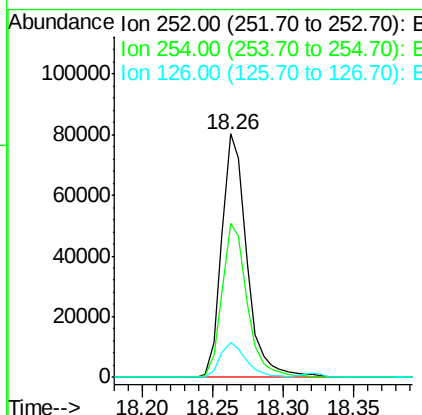
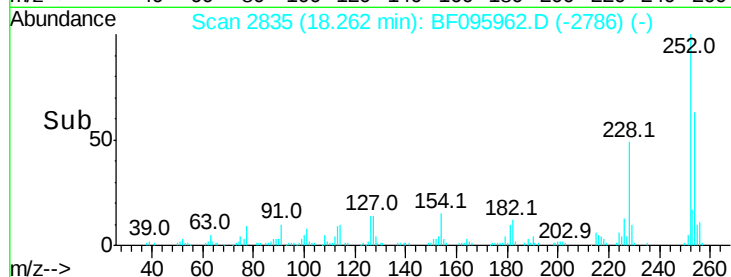
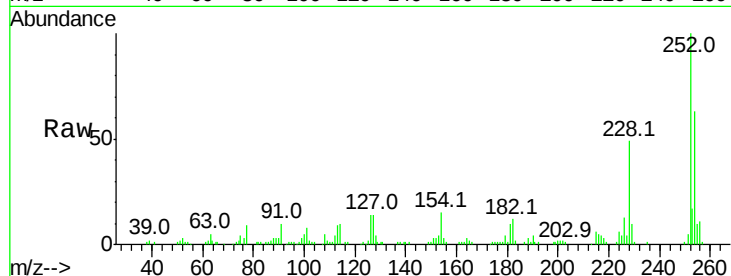
#81
 3,3'-Dichlorobenzidine
 Concen: 39.78 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampled :
 PB99832BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	14.5	15.8	23.8

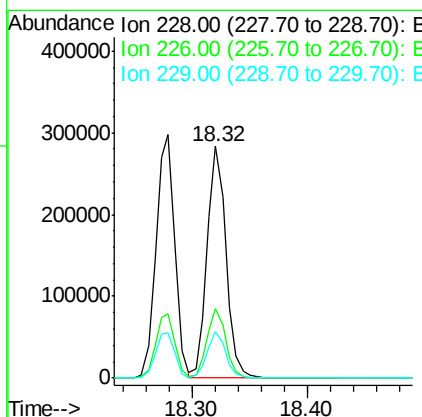
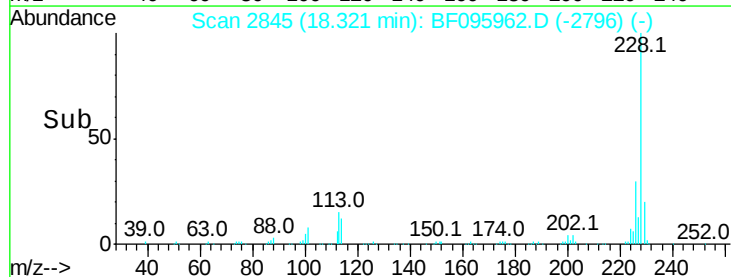
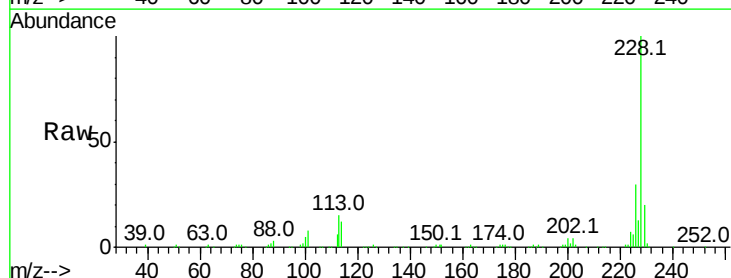
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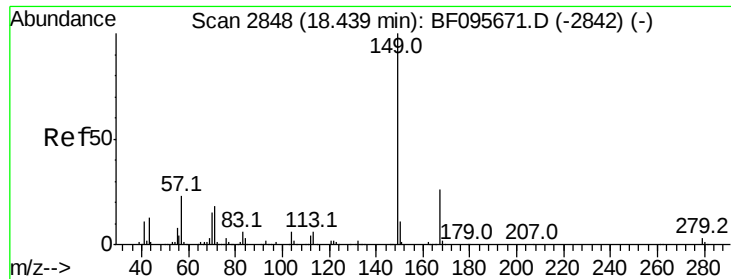
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#82
 Chrysene
 Concen: 46.13 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	15.8	23.6





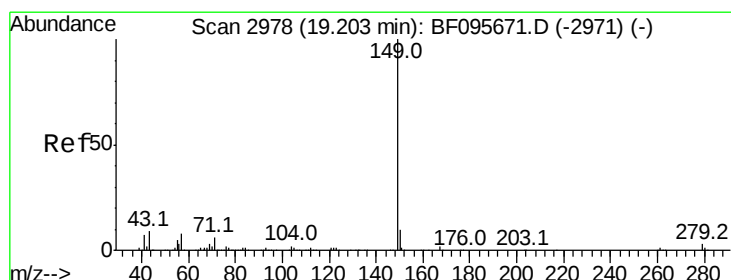
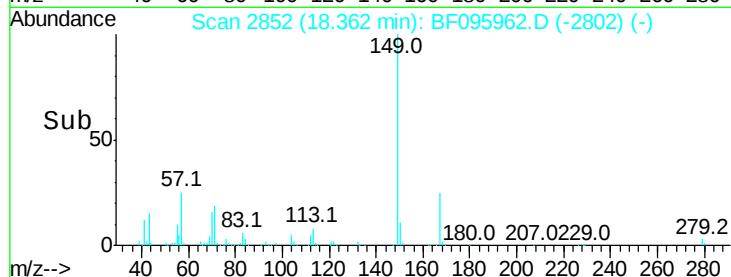
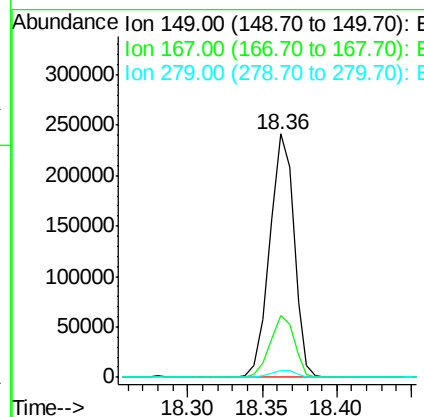
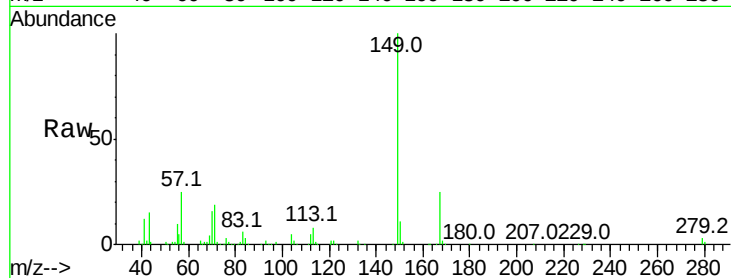
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.71 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.4	21.0	31.4
279	3.0	1.9	2.9#

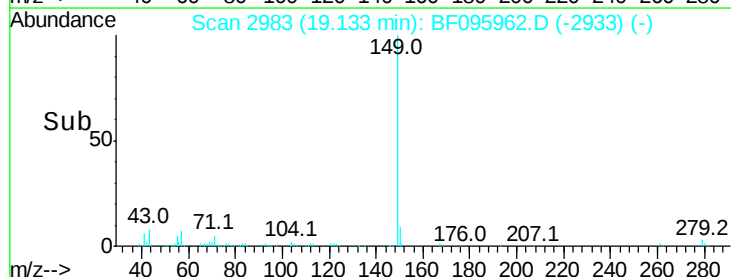
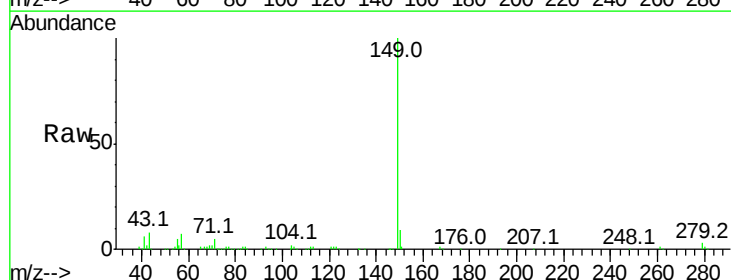
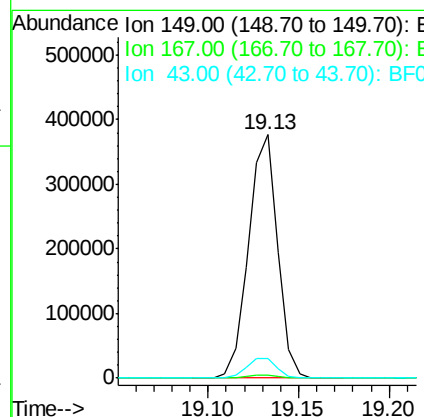
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#84
 Di-n-octyl phthalate
 Concen: 45.55 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	9.1	8.5	12.7





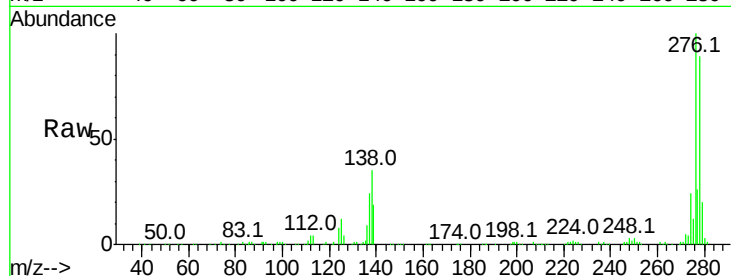
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.53 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

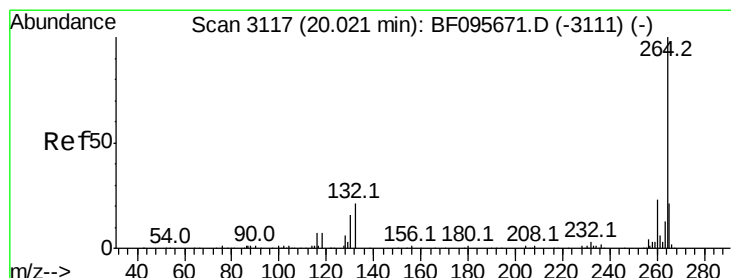
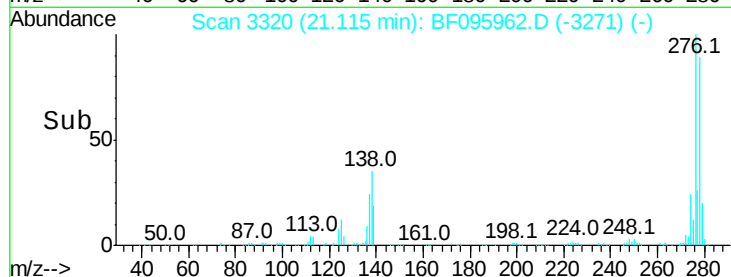
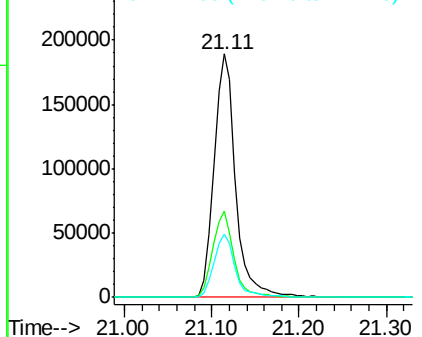
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.9	20.2	30.4

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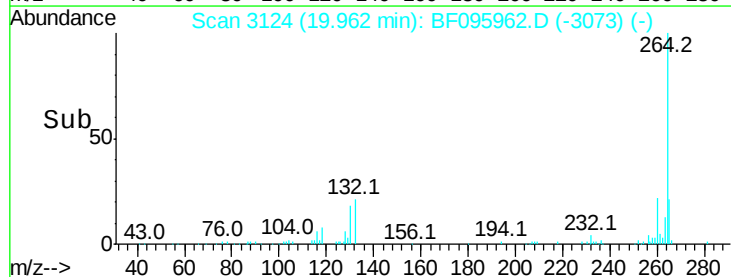
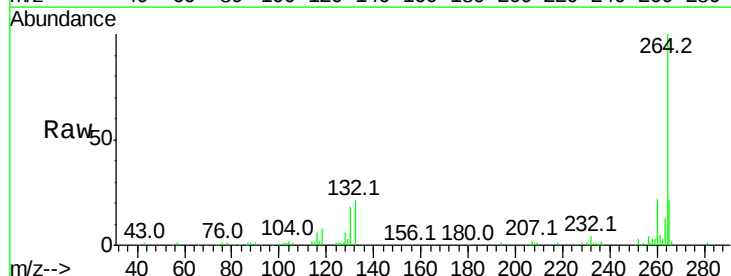
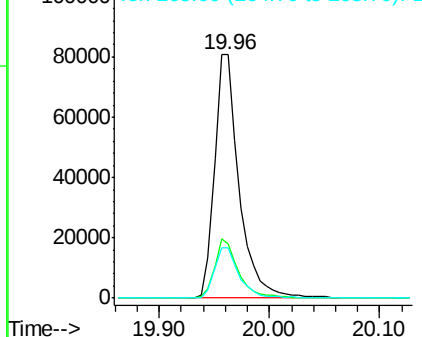
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.8	17.2	25.8

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





#87

Benzo(b)fluoranthene

Concen: 44.47 ng

RT: 19.55 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

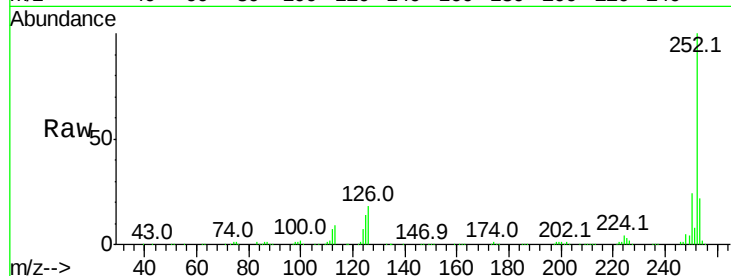
ClientSampleId :

PB99832BS

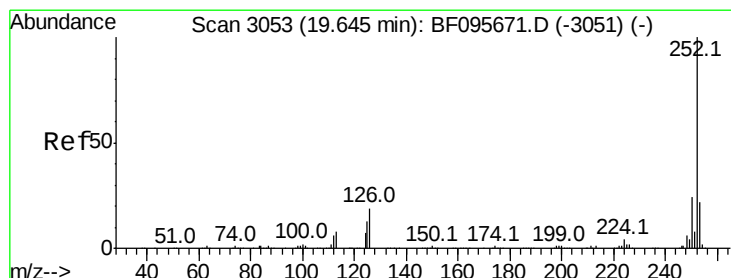
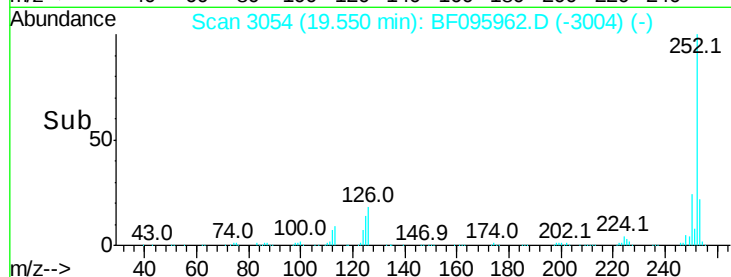
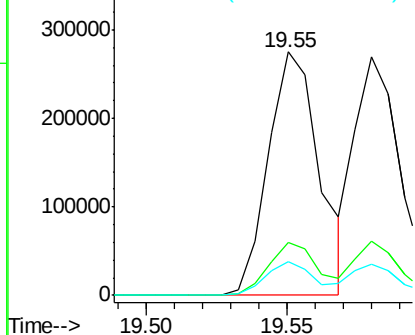
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.0	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.65 ng

RT: 19.58 min Scan# 3059

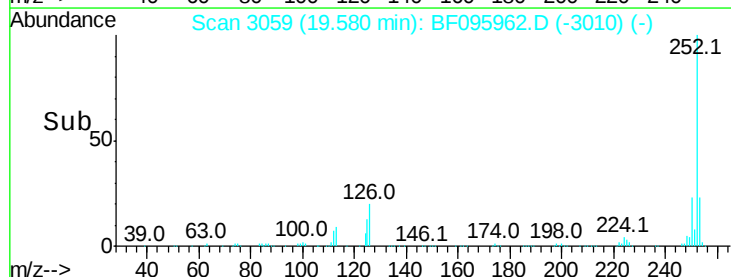
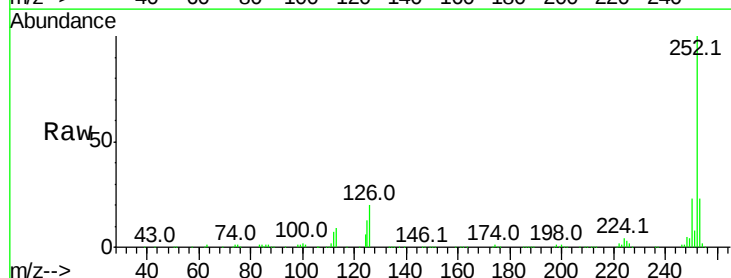
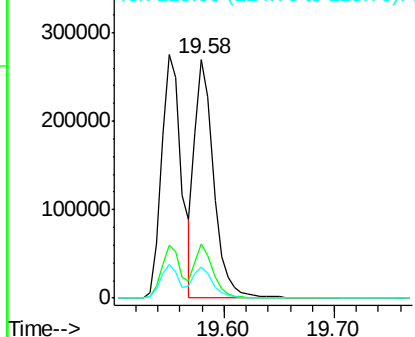
Delta R.T. -0.01 min

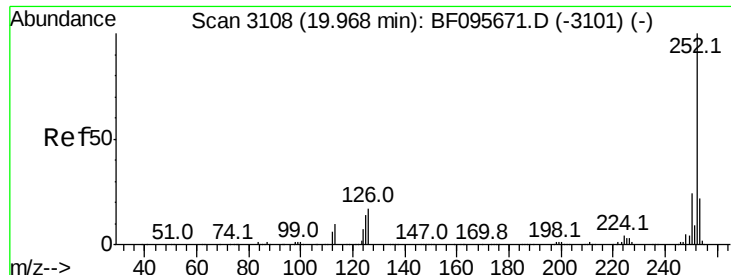
Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.2	13.1	19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





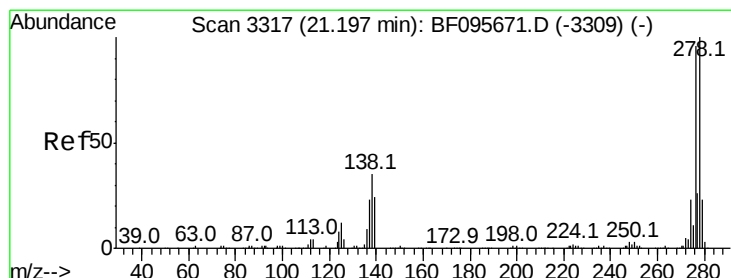
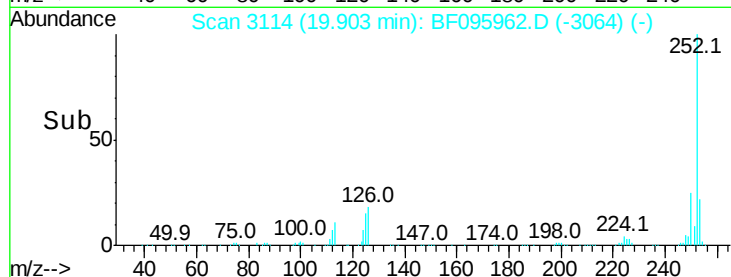
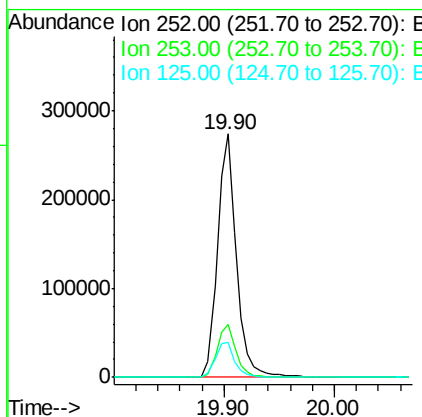
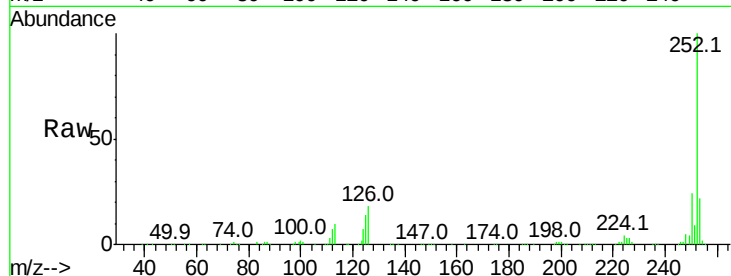
#89
Benzo(a)pyrene
Concen: 45.37 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB99832BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.4	11.0	16.4

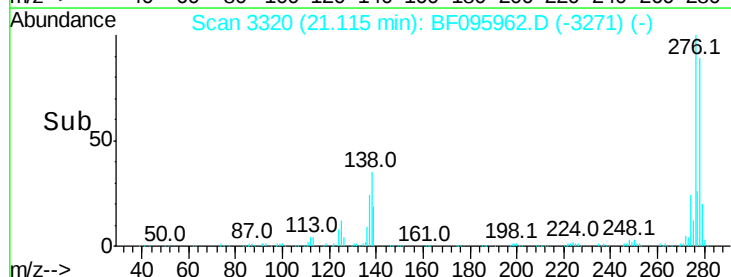
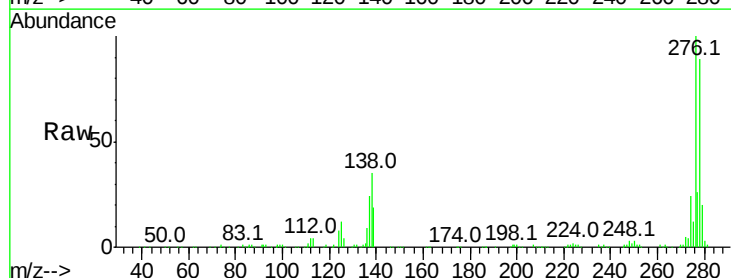
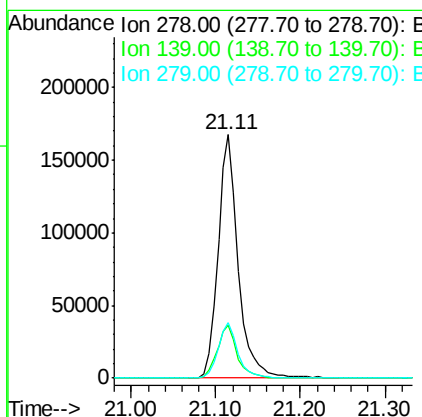
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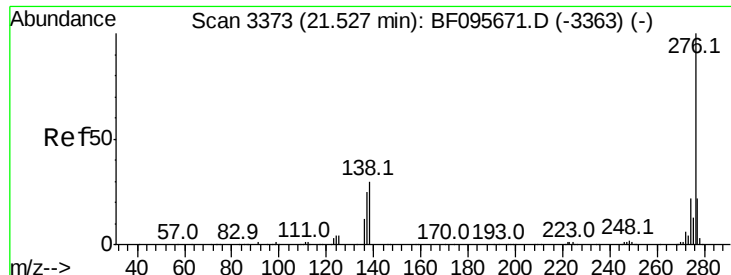
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#90
Dibenzo(a,h)anthracene
Concen: 45.82 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 42.78 ng
 RT: 21.44 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB99832BS

Tot Ion:	276	Resp:	264636
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	31.7	25.4	38.0

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