

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095965.D
 Acq On : 16 Jun 2017 20:17
 Operator : SJ/MA
 Sample : I3676-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-6-7MSD

Manual Integrations
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 6/19/2017 3:47:28 PM

Quant Time: Jun 17 00:11:52 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	64547	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	267464	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	120474	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	199108	20.00	ng	0.00
75) Chrysene-d12	18.29	240	128555	20.00	ng	0.00
86) Perylene-d12	19.96	264	133659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	656014	161.95	ng	0.01
7) Phenol-d6	6.91	99	768360	158.44	ng	0.00
23) Nitrobenzene-d5	8.25	82	456886	106.09	ng	0.00
41) 2,4,6-Tribromophenol	13.48	330	153601	144.10	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	815270	94.17	ng	0.00
78) Terphenyl-d14	16.94	244	550012	106.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	81401	42.24	ng	93
3) Pyridine	2.23	79	202279	44.66	ng	97
4) n-Nitrosodimethylamine	2.21	42	89479	51.97	ng	86
6) Aniline	6.82	93	272869	43.01	ng	96
8) 2-Chlorophenol	7.02	128	235964	54.79	ng	96
9) Benzaldehyde	6.64	77	68939	21.07	ng	99
10) Phenol	6.93	94	301029	59.84	ng	88
11) bis(2-Chloroethyl)ether	6.97	93	214404	53.80	ng	97
12) 1,3-Dichlorobenzene	7.22	146	246408	50.54	ng	98
13) 1,4-Dichlorobenzene	7.35	146	249716	50.51	ng	96
14) 1,2-Dichlorobenzene	7.58	146	234027	51.35	ng	96
15) Benzyl Alcohol	7.64	79	189816	57.03	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	290823	51.94	ng	95
17) 2-Methylphenol	7.87	107	196380	54.33	ng	97
18) Hexachloroethane	8.10	117	83228	50.97	ng	# 85
19) n-Nitroso-di-n-propylamine	8.07	70	163913	53.34	ng	92
20) 3+4-Methylphenols	8.13	107	251998	54.92	ng	# 59
22) Acetophenone	8.02	105	328498	52.47	ng	# 82
24) Nitrobenzene	8.27	77	232839	50.61	ng	94
25) Isophorone	8.68	82	410615	51.06	ng	96
26) 2-Nitrophenol	8.79	139	130005	53.97	ng	98
27) 2,4-Dimethylphenol	8.95	122	202553	54.18	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	267521	50.47	ng	98
29) 2,4-Dichlorophenol	9.22	162	195678	54.35	ng	97
30) 1,2,4-Trichlorobenzene	9.29	180	190328	50.80	ng	100
31) Naphthalene	9.39	128	664455	49.50	ng	99
33) 4-Chloroaniline	9.55	127	202969	38.69	ng	# 94
34) Hexachlorobutadiene	9.61	225	92684	47.88	ng	98
35) Caprolactam	10.18	113	60724m	56.68	ng	
36) 4-Chloro-3-methylphenol	10.43	107	202501	53.73	ng	89
37) 2-Methylnaphthalene	10.52	142	452650	49.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	174405	48.37	ng	99
40) Hexachlorocyclopentadiene	10.77	237	45536	45.87	ng	98
42) 2,4,6-Trichlorophenol	11.03	196	122041	52.64	ng	96

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Quant Time: Jun 17 00:11:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.13	196	115978	47.03	nq	95
45) 1,1'-Biphenyl	11.29	154	493168	49.67	nq	98
46) 2-Chloronaphthalene	11.30	162	381547	49.18	nq	96
47) 2-Nitroaniline	11.53	65	116282	51.22	nq	# 79
48) Acenaphthylene	11.94	152	593646	44.75	nq	99
49) Dimethylphthalate	11.84	163	567854	62.08	nq	100
50) 2,6-Dinitrotoluene	11.94	165	97585	48.91	nq	# 69
51) Acenaphthene	12.23	154	355259	46.37	nq	98
52) 3-Nitroaniline	12.20	138	92643	39.85	nq	91
53) 2,4-Dinitrophenol	12.46	184	26263m	27.84	nq	
54) Dibenzofuran	12.52	168	550417	51.04	nq	99
55) 4-Nitrophenol	12.63	139	124206	90.85	nq	# 71
56) 2,4-Dinitrotoluene	12.61	165	139029	51.59	nq	# 90
57) Fluorene	13.07	166	430485	45.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	96435	57.16	nq	# 91
59) Diethylphthalate	12.99	149	437907	49.74	nq	100
60) 4-Chlorophenyl-phenylether	13.10	204	192037	47.06	nq	88
61) 4-Nitroaniline	13.22	138	101295	46.67	nq	96
62) Azobenzene	13.36	77	401250	50.29	nq	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	47089	35.98	nq	76
65) n-Nitrosodiphenylamine	13.32	169	374982	52.41	nq	99
66) 4-Bromophenyl-phenylether	13.87	248	108186	52.28	nq	99
67) Hexachlorobenzene	13.96	284	103971	50.99	nq	# 90
68) Atrazine	14.24	200	109970	55.23	nq	98
69) Pentachlorophenol	14.33	266	61059	79.06	nq	96
70) Phenanthrene	14.61	178	569641	49.58	nq	99
71) Anthracene	14.69	178	582747	48.59	nq	97
72) Carbazole	14.99	167	537182	45.96	nq	98
73) Di-n-butylphthalate	15.59	149	653241	52.53	nq	98
74) Fluoranthene	16.39	202	498950	43.88	nq	98
76) Benzidine	16.62	184	279840	56.68	nq	# 92
77) Pyrene	16.69	202	494257	51.53	nq	99
79) Butylbenzylphthalate	17.62	149	220167	52.56	nq	89
80) Benzo(a)anthracene	18.28	228	368222	49.27	nq	98
81) 3,3'-Dichlorobenzidine	18.27	252	124565	46.88	nq	# 94
82) Chrysene	18.32	228	366128	49.02	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	296766	50.22	nq	100
84) Di-n-octyl phthalate	19.13	149	481158	49.41	nq	96
85) Indeno(1,2,3-cd)pyrene	21.12	276	359735	56.29	nq	100
87) Benzo(b)fluoranthene	19.56	252	390778	46.69	nq	100
88) Benzo(k)fluoranthene	19.58	252	363052	45.38	nq	95
89) Benzo(a)pyrene	19.90	252	373647	48.57	nq	98
90) Dibenzo(a,h)anthracene	21.11	278	309271	47.40	nq	98
91) Benzo(g,h,i)perylene	21.44	276	294634	44.29	nq	98

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

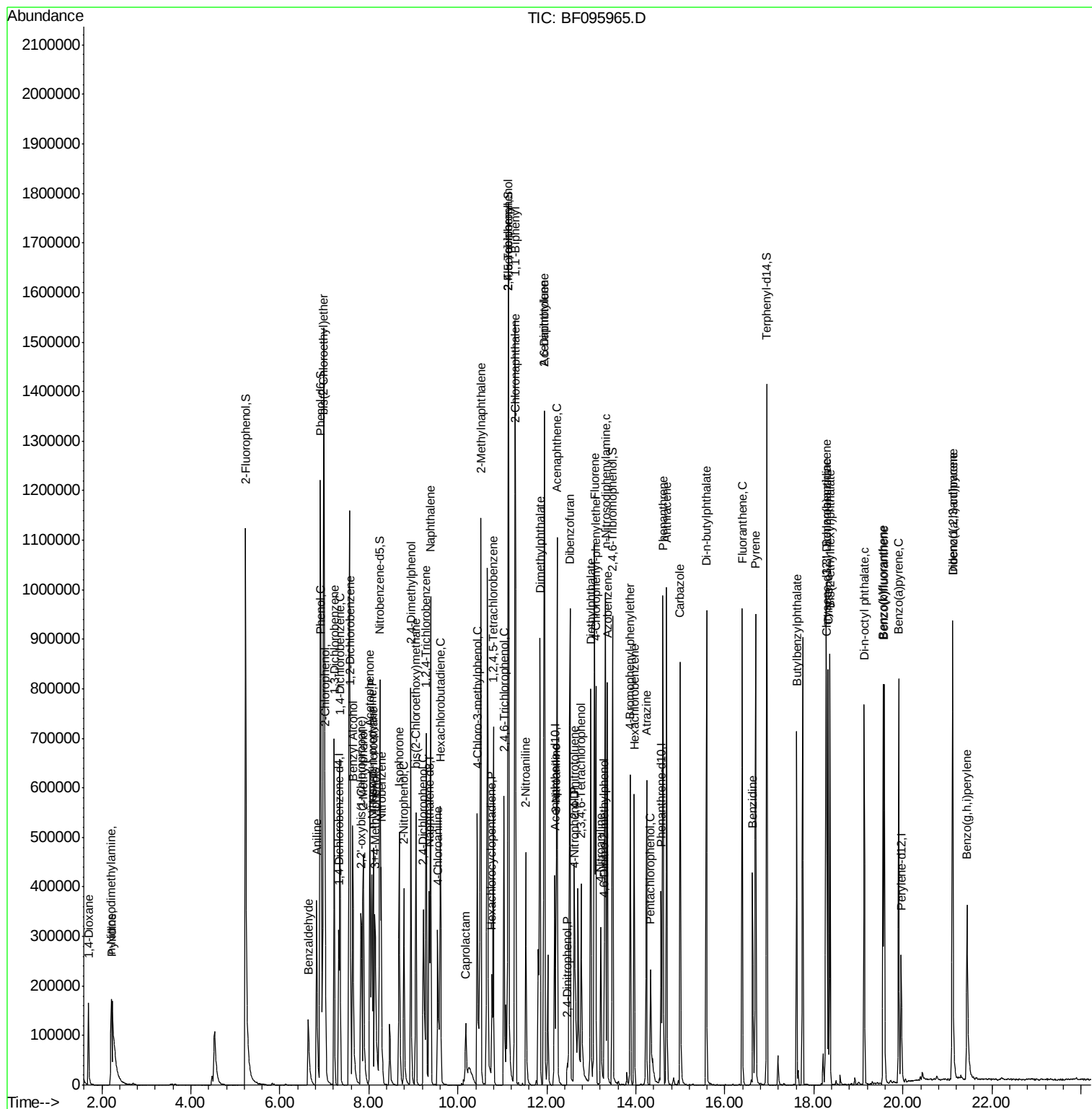
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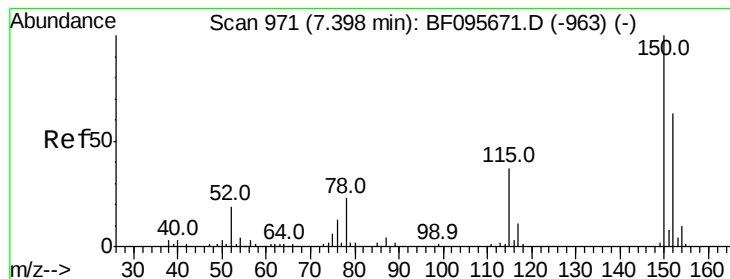
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

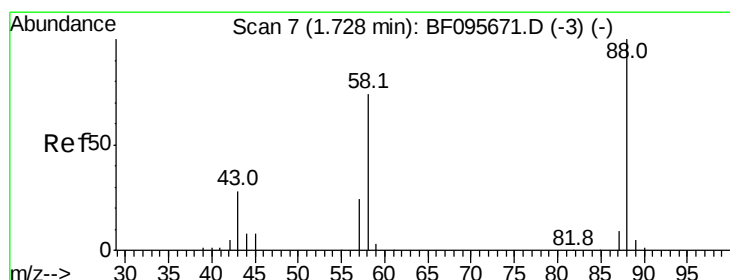
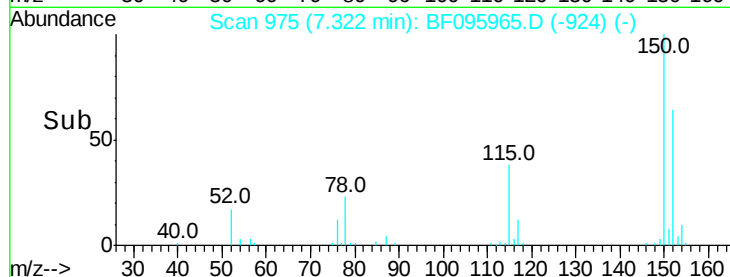
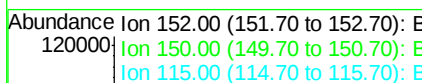
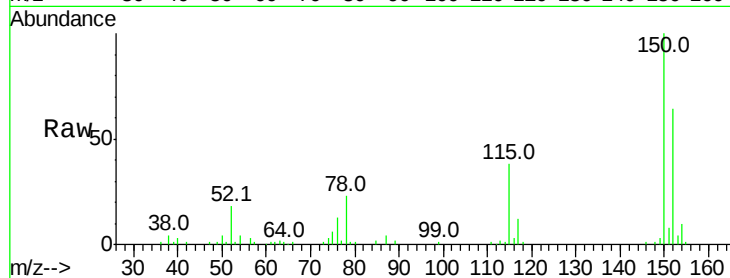
ClientSampleId :

SB-09-6-7MSD

Tot Ion:	152	Resp:	64547
Ion Ratio	Lower	Upper	
152	100		
150	156.2	126.2	189.2
115	59.4	52.2	78.2

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#2

1,4-Dioxane

Concen: 42.24 ng

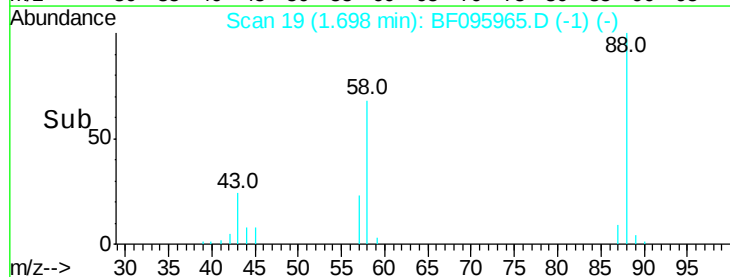
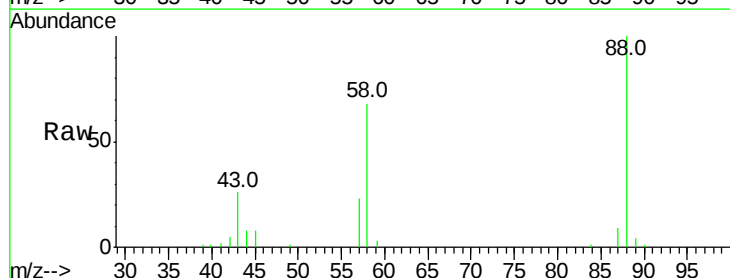
RT: 1.70 min Scan# 19

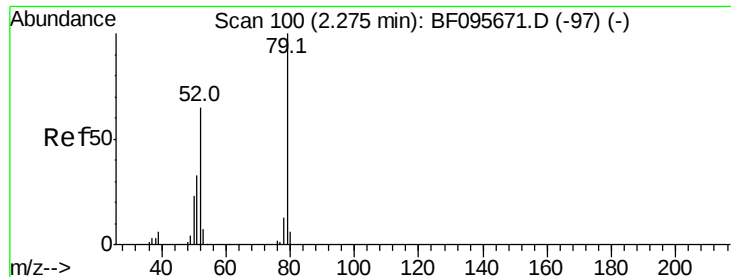
Delta R.T. 0.06 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	88	Resp:	81401
Ion Ratio	Lower	Upper	
88	100		
58	70.2	61.4	92.0
43	25.7	23.4	35.0





#3

Pvridine

Concen: 44.66 ng

RT: 2.23 min Scan# 110

Delta R.T. 0.06 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

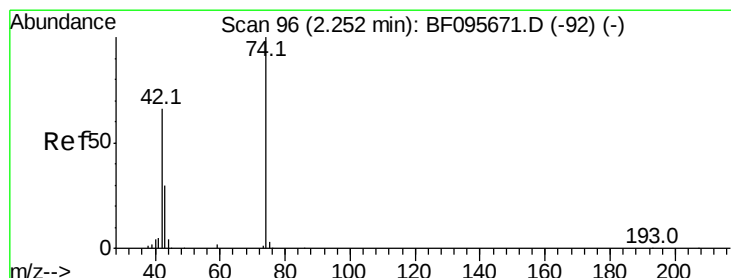
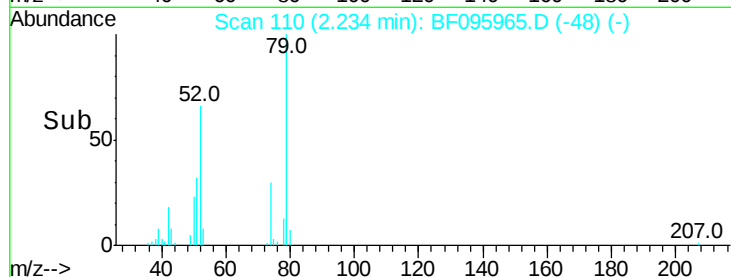
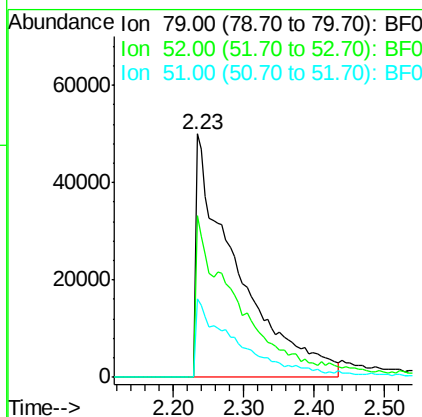
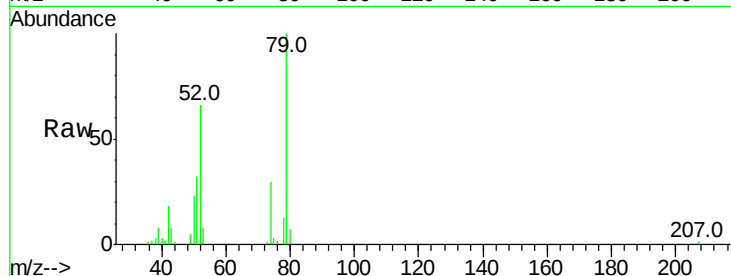
ClientSampleId :

SB-09-6-7MSD

Tot Ion:	79	Resp:	202279
Ion Ratio	Lower	Upper	
79	100		
52	66.3	54.8	82.2
51	32.4	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 51.97 ng

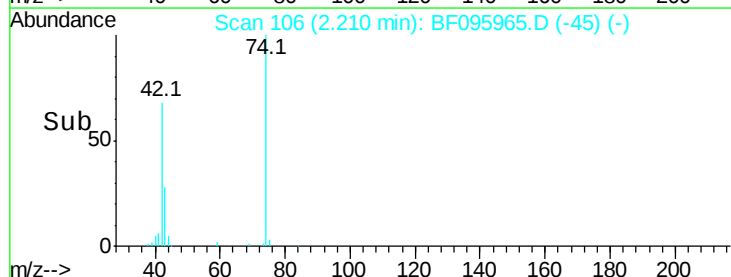
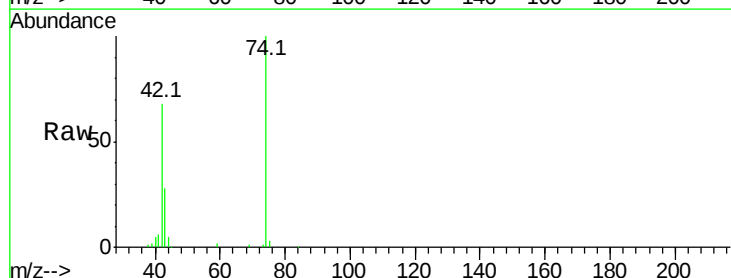
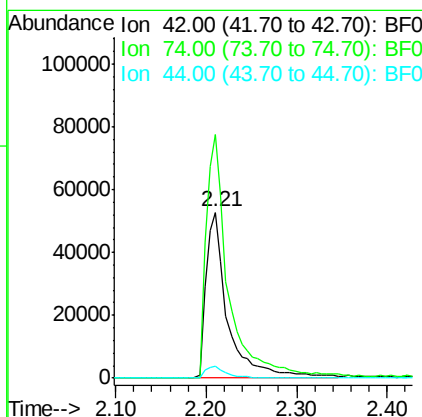
RT: 2.21 min Scan# 106

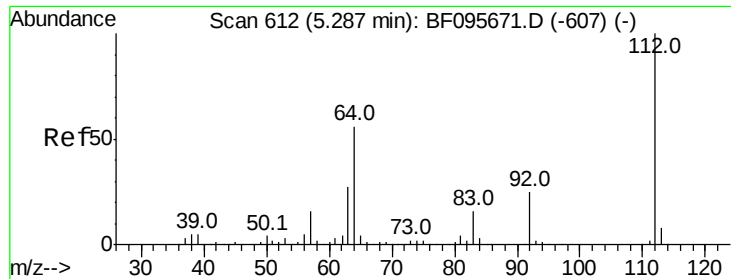
Delta R.T. 0.06 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	42	Resp:	89479
Ion Ratio	Lower	Upper	
42	100		
74	146.7	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 161.95 ng

RT: 5.23 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

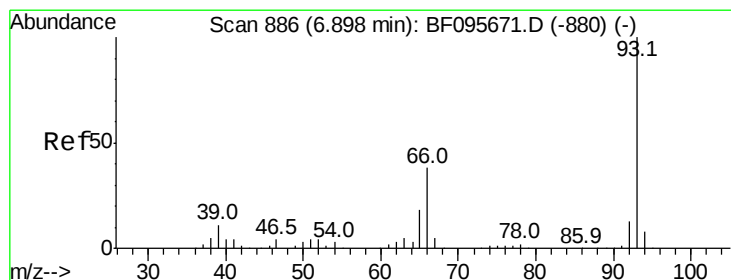
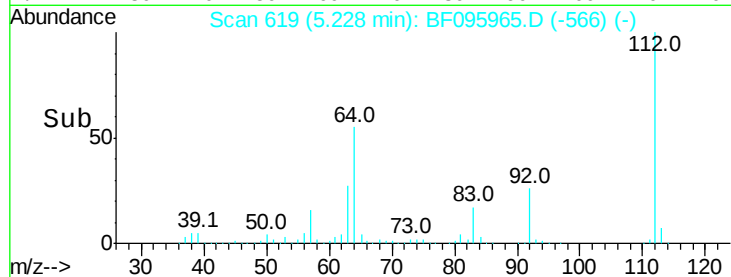
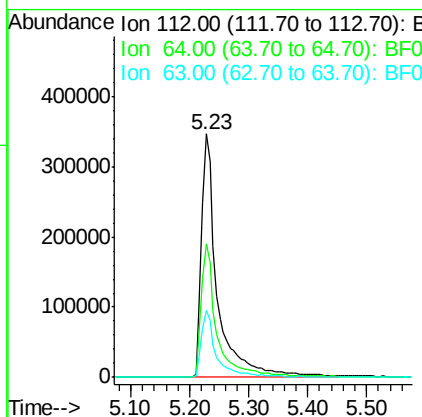
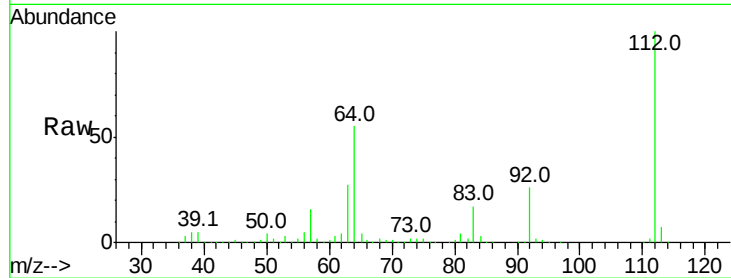
ClientSampleId :

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Tot Ion:	112	Resp:	656014
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.0	69.0
63	27.3	23.4	35.0

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#6

Aniline

Concen: 43.01 ng

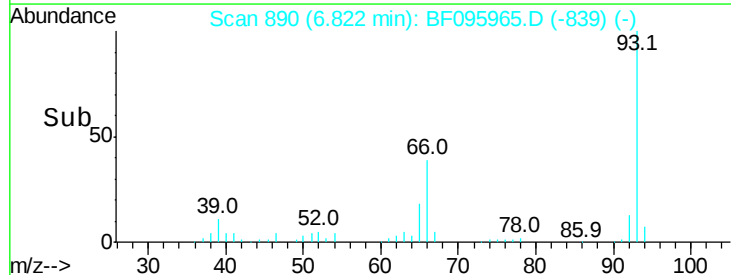
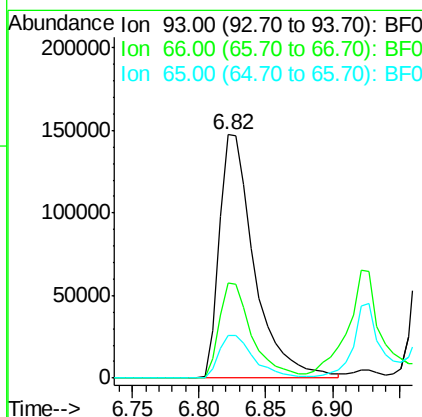
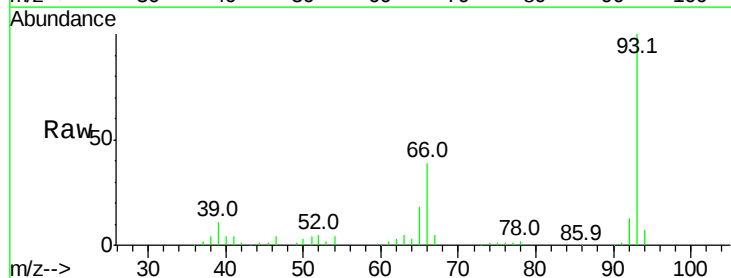
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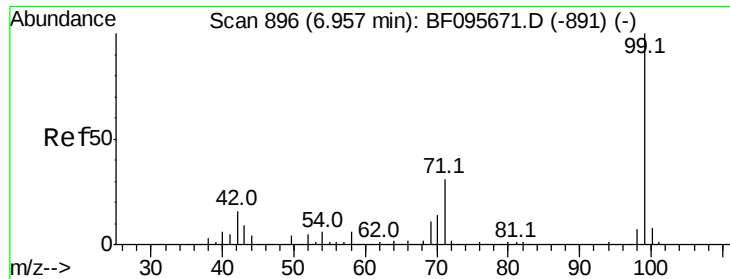
Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	93	Resp:	272869
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.9	49.3
65	17.7	16.0	24.0





#7

Phenol-d6

Concen: 158.44 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

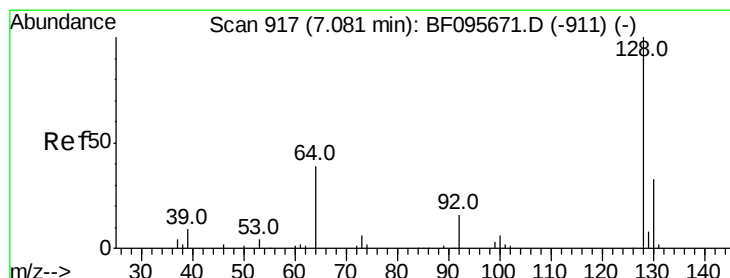
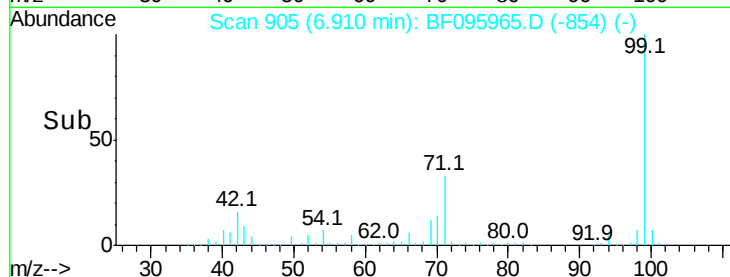
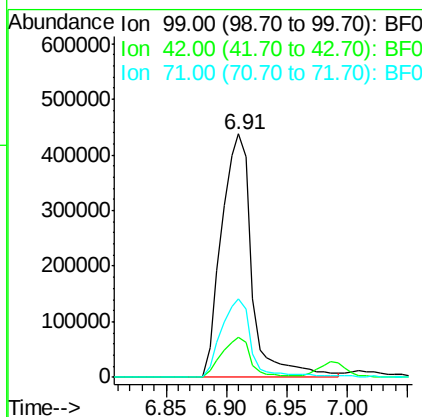
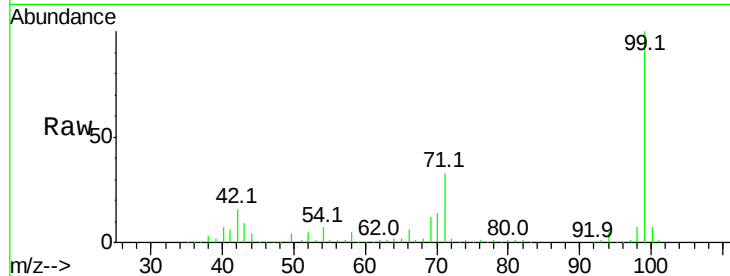
ClientSampleId :

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Tot Ion:	99	Resp:	768360
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 54.79 ng

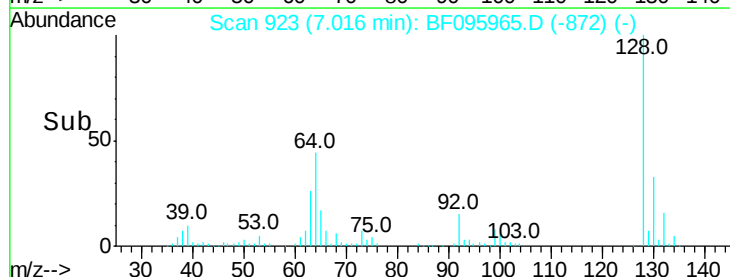
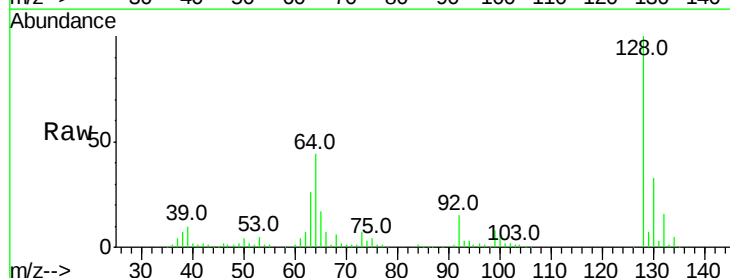
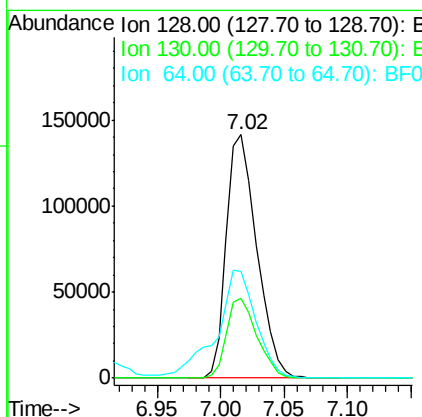
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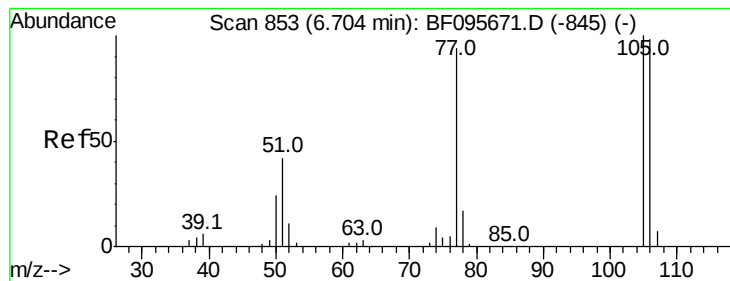
Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	128	Resp:	235964
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.9	52.9
64	44.0	28.4	68.4





#9

Benzaldehyde

Concen: 21.07 ng

RT: 6.64 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

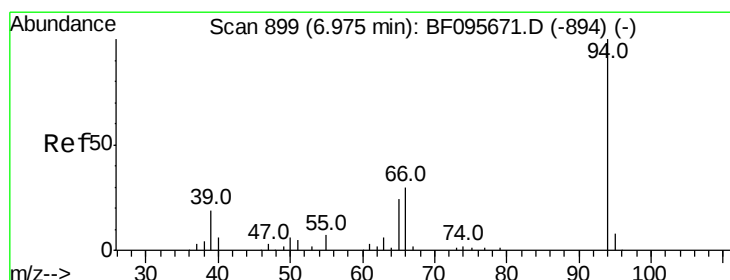
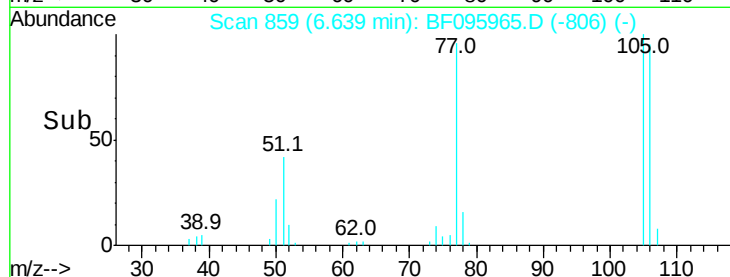
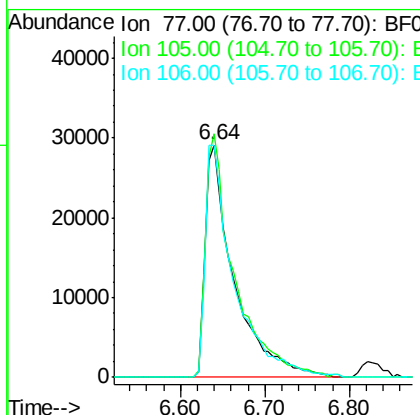
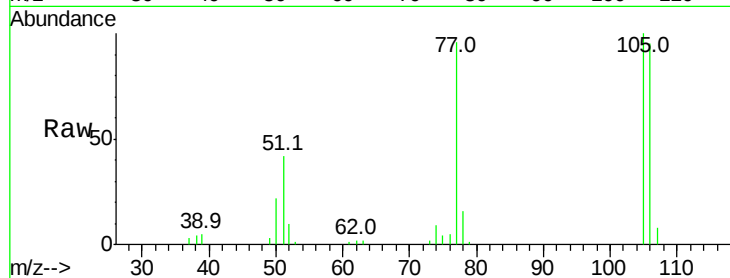
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Tot Ion:	77	Resp:	68939
Ion	Ratio	Lower	Upper
77	100		
105	104.6	83.8	123.8
106	99.7	79.1	119.1

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#10

Phenol

Concen: 59.84 ng

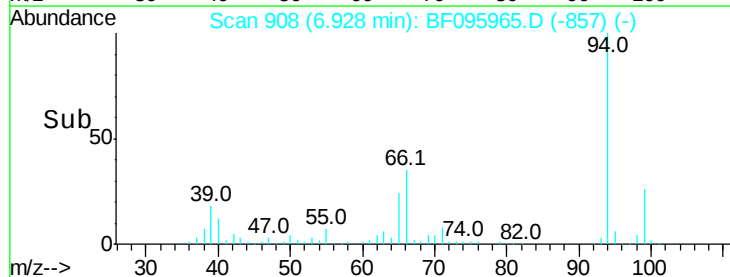
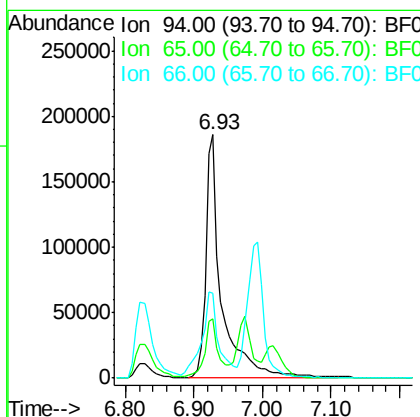
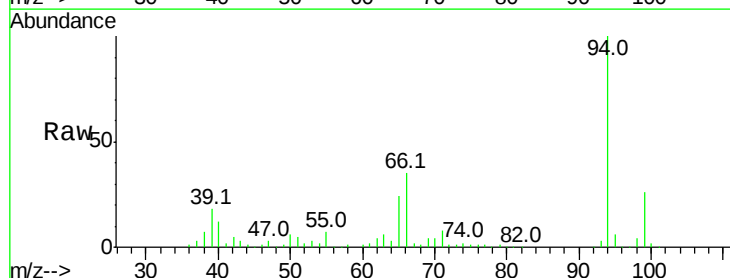
RT: 6.93 min Scan# 908

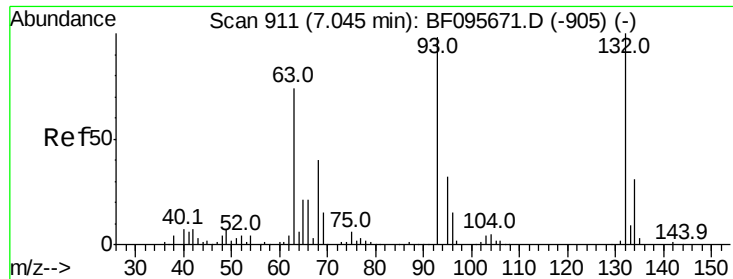
Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	94	Resp:	301029
Ion	Ratio	Lower	Upper
94	100		
65	24.4	9.9	49.9
66	34.8	23.1	63.1





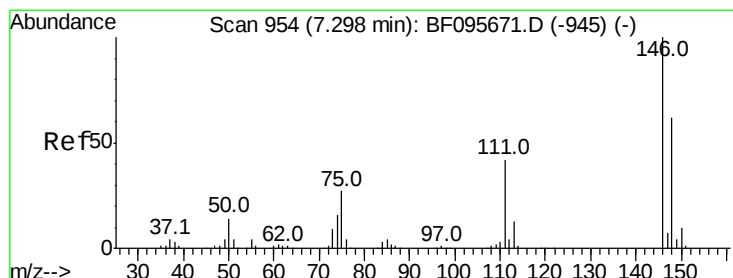
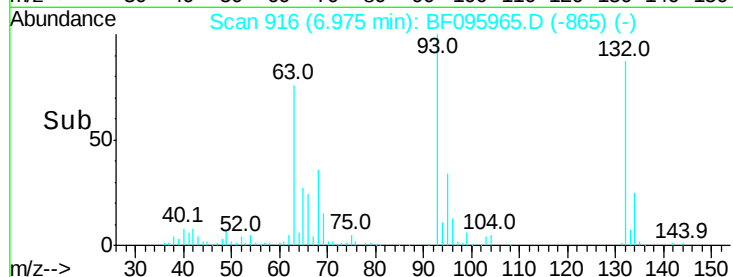
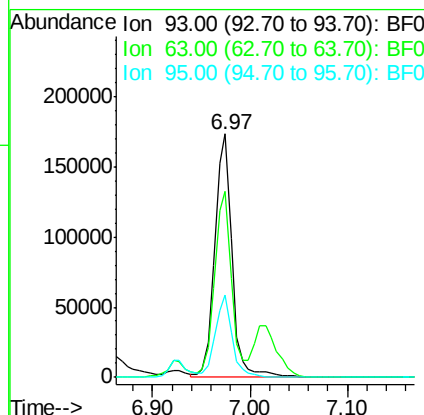
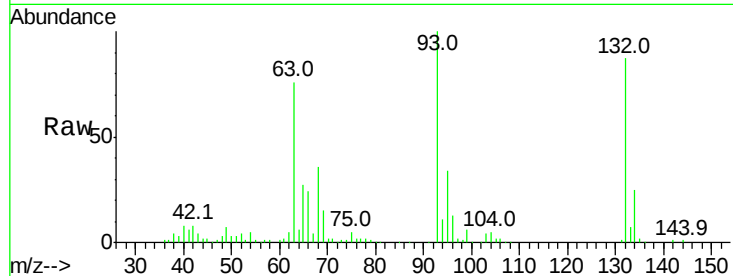
#11
bis(2-Chloroethyl)ether
Concen: 53.80 ng
RT: 6.97 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	214404		
63	76.3	59.2	99.2	
95	33.7	12.8	52.8	

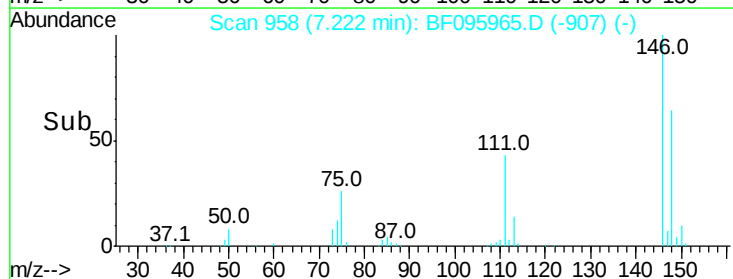
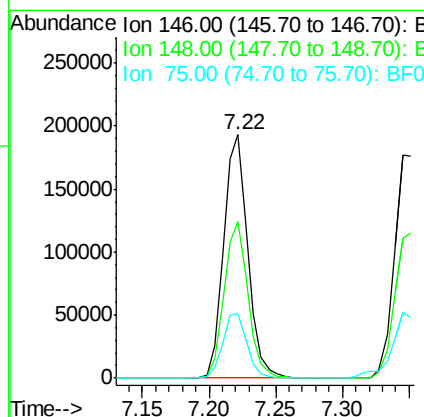
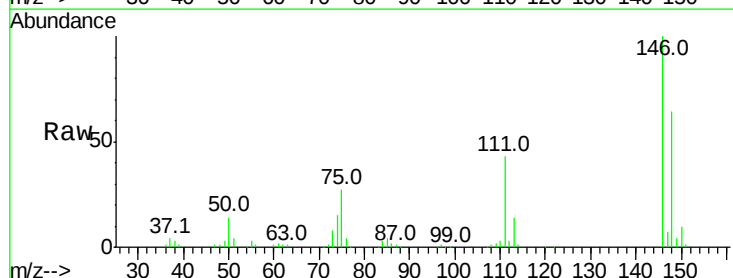
Manual Integrations
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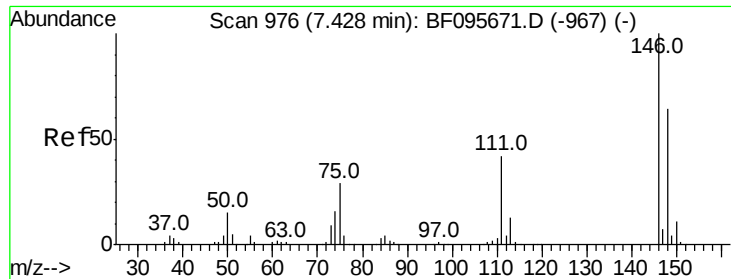
mohammad
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#12
1,3-Dichlorobenzene
Concen: 50.54 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	246408		
148	64.4	51.8	77.6	
75	26.6	23.1	34.7	





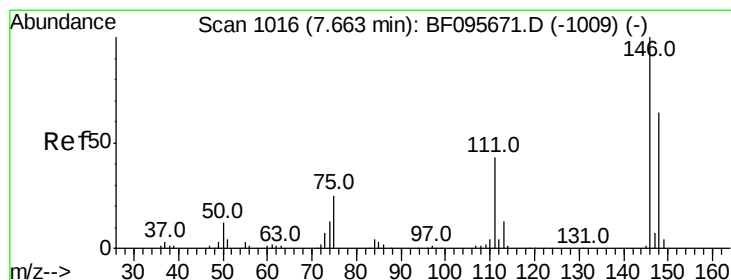
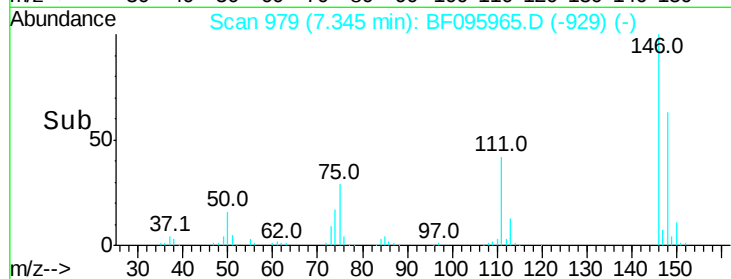
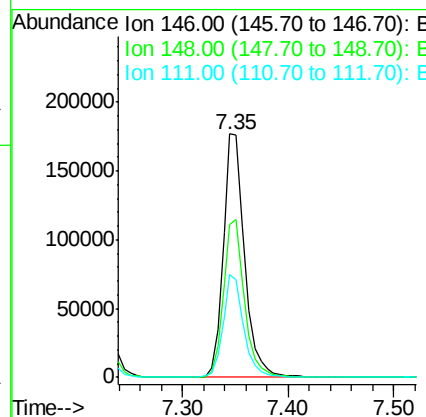
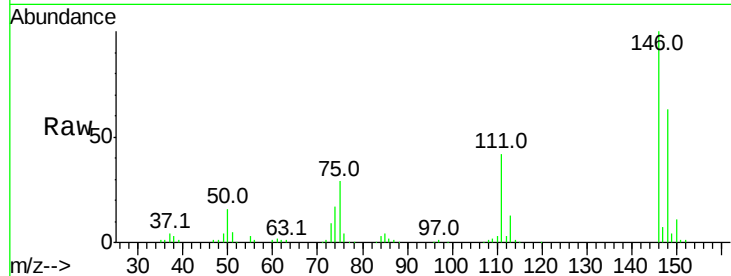
#13
1,4-Dichlorobenzene
Concen: 50.51 ng
RT: 7.35 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	42.0	30.3	45.5

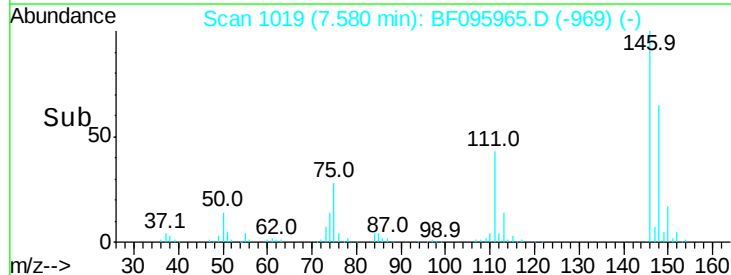
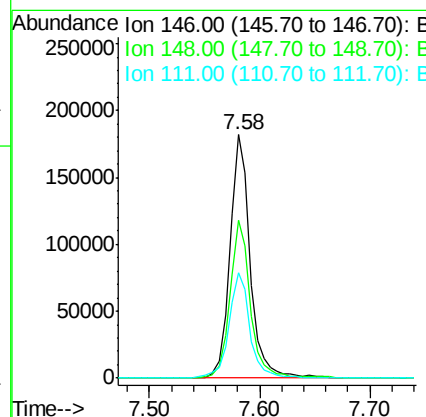
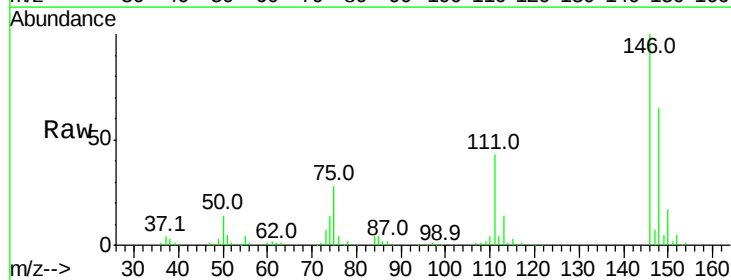
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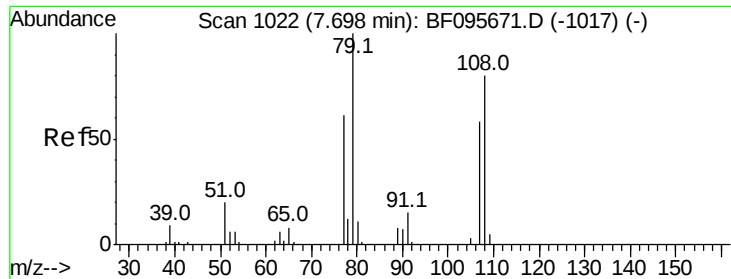
mohammad
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#14
1,2-Dichlorobenzene
Concen: 51.35 ng
RT: 7.58 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.4	38.2	57.4





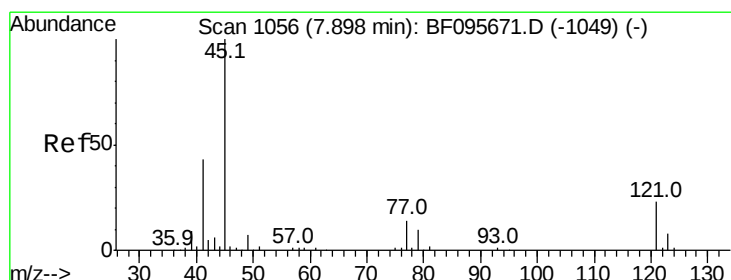
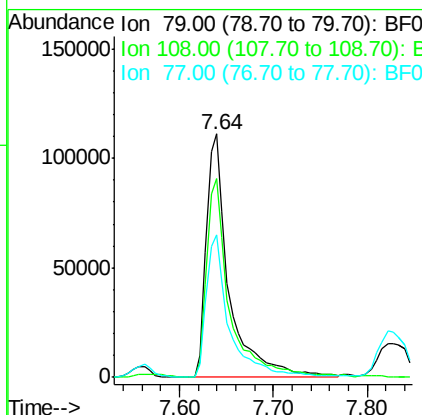
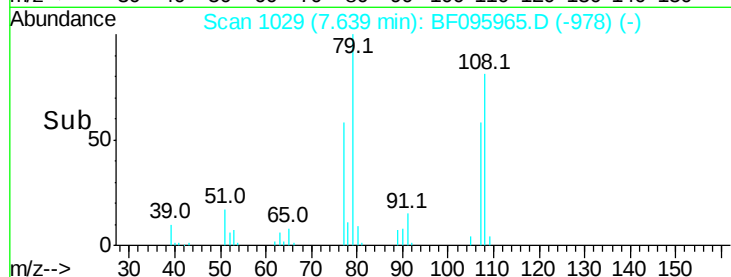
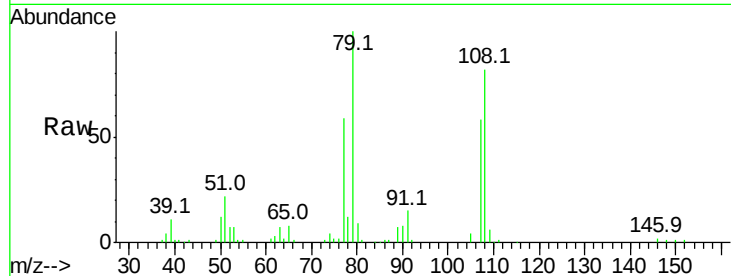
#15
Benzyl Alcohol
Concen: 57.03 ng
RT: 7.64 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.7	63.4	95.0	
77	58.8	49.2	73.8	

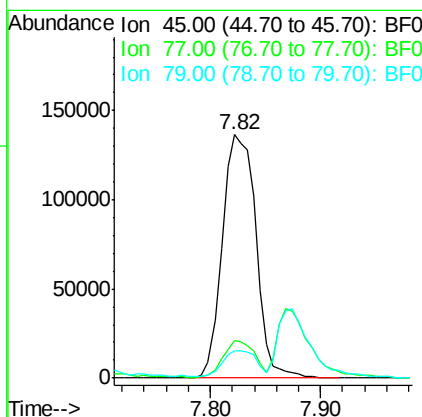
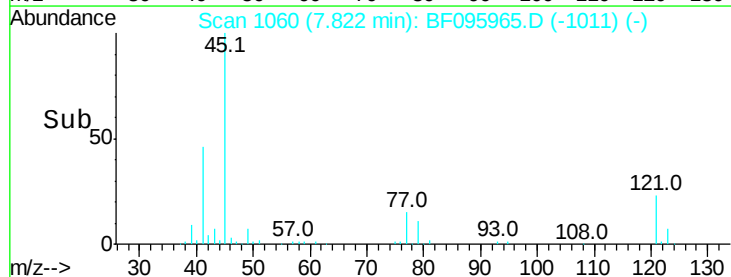
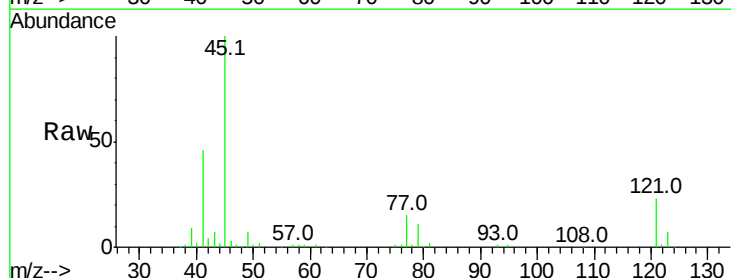
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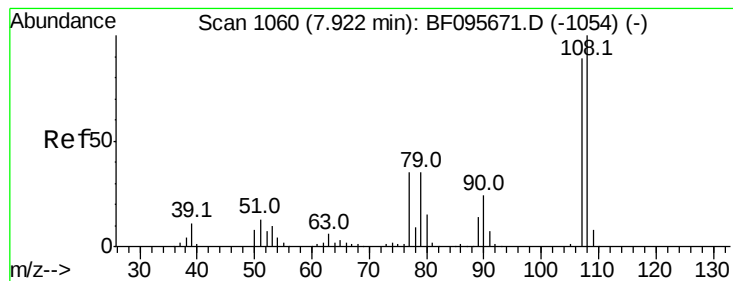
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#16
2,2'-oxybis(1-chloropropane)
Concen: 51.94 ng
RT: 7.82 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.4	0.0	33.2	
79	11.4	0.0	30.0	





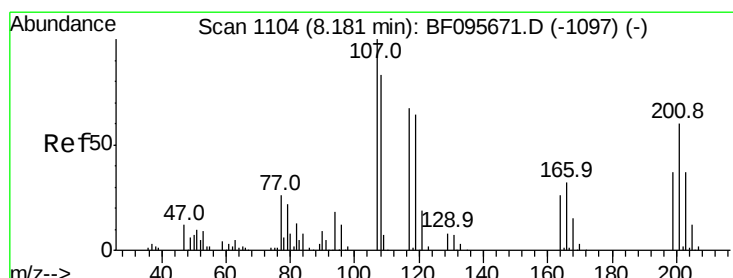
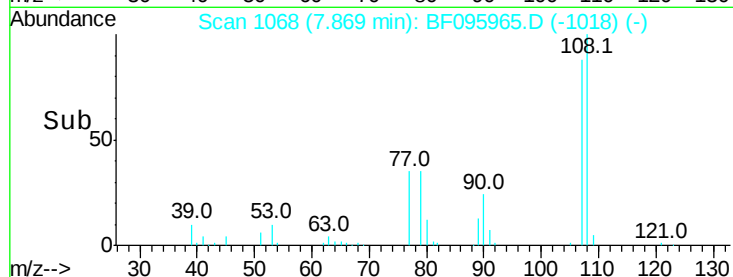
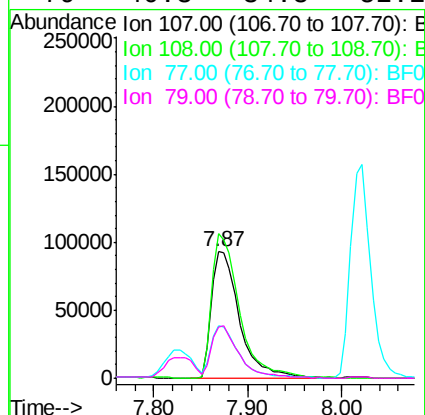
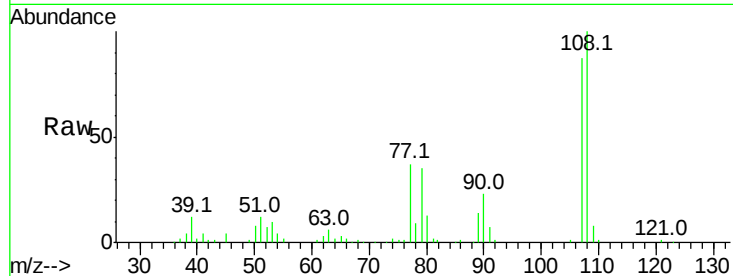
#17
2-Methylphenol
Concen: 54.33 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	196380		
108	114.8	93.4	140.0	
77	42.0	35.8	53.6	
79	40.3	34.8	52.2	

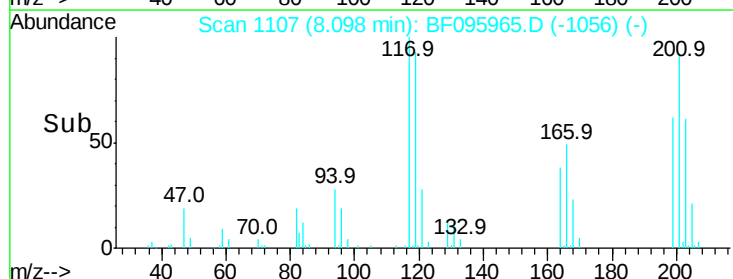
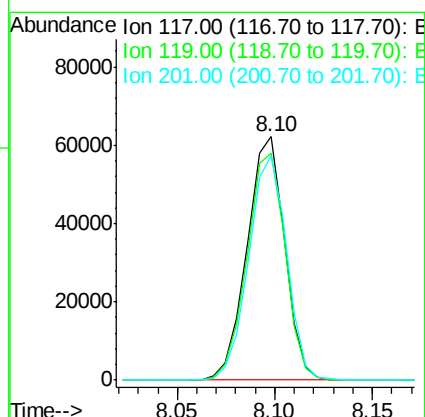
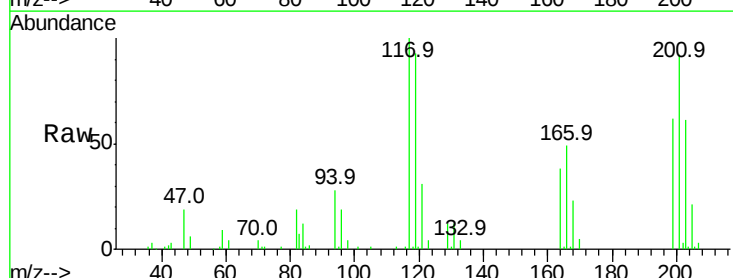
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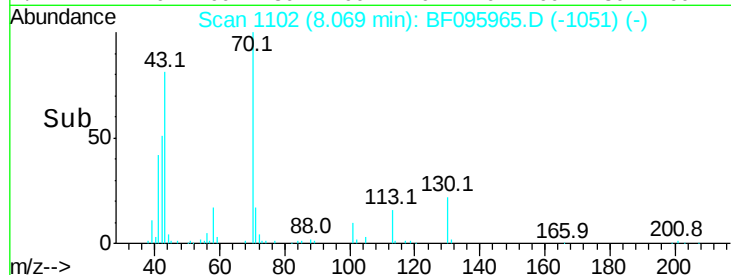
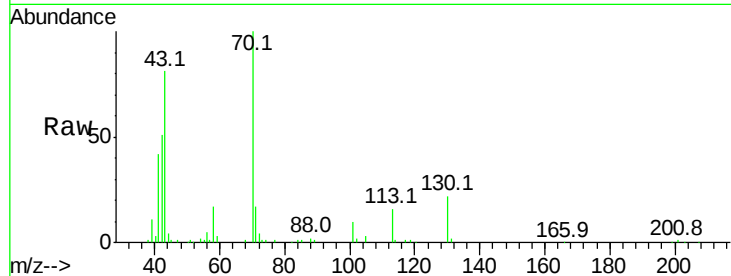
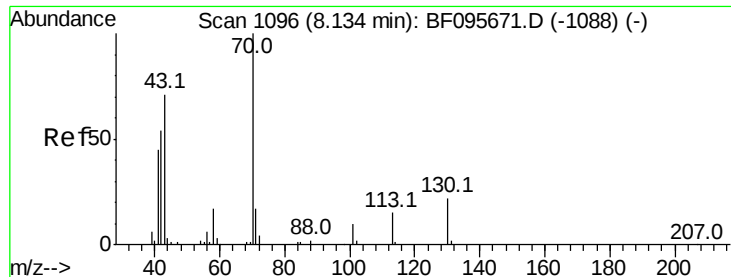
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#18
Hexachloroethane
Concen: 50.97 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	83228		
119	93.2	77.4	116.0	
201	92.3	94.6	141.8#	





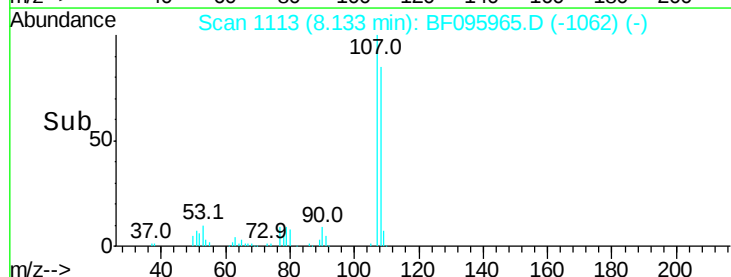
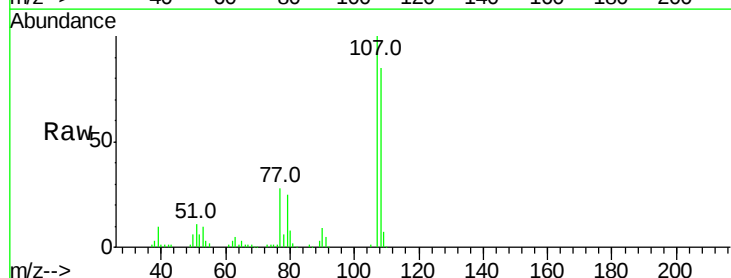
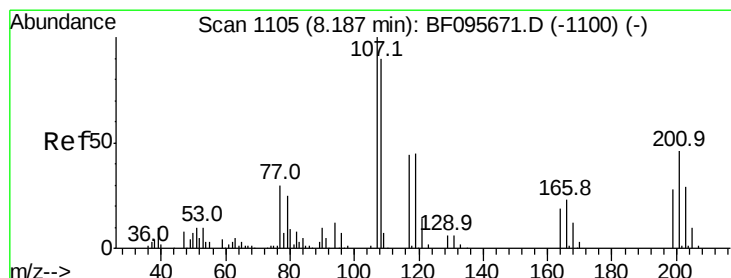
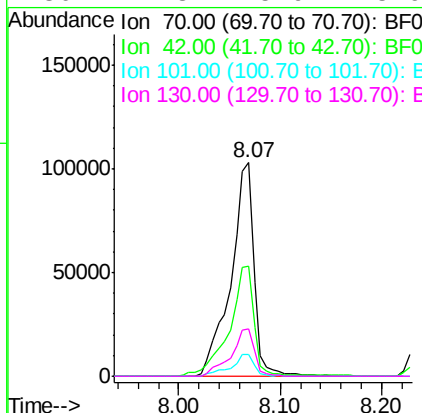
#19
n-Nitroso-di-n-propylamine
Concen: 53.34 ng
RT: 8.07 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	70	Resp	163913
Ion Ratio	Lower	Upper	
70	100		
42	51.4	47.2	70.8
101	10.2	7.2	10.8
130	22.3	15.9	23.9

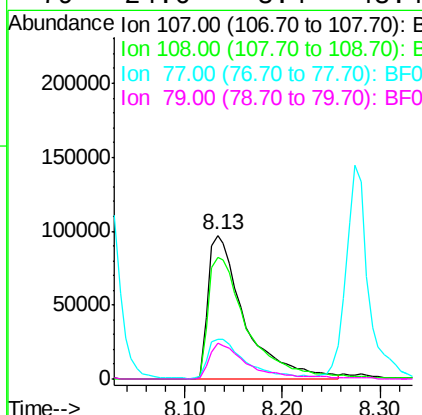
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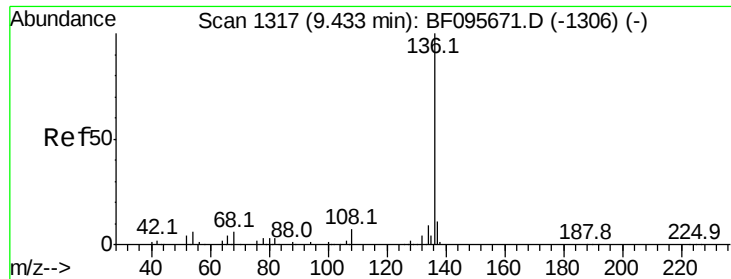
mohammad
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#20
3+4-Methylphenols
Concen: 54.92 ng
RT: 8.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	107	Resp	251998
Ion Ratio	Lower	Upper	
107	100		
108	85.2	71.0	111.0
77	27.8	90.5	130.5#
79	24.6	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: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

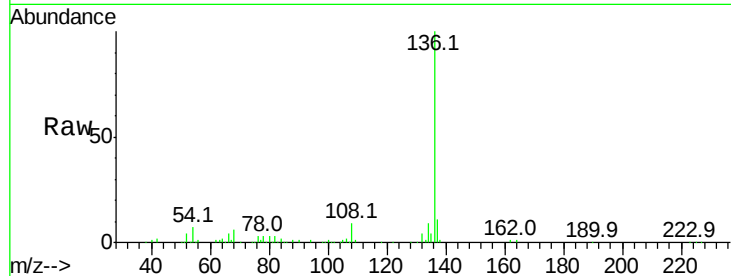
ClientSampleId :

SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	267464		
137	10.7		8.5	12.7
54	7.3		4.9	7.3
68	5.5		4.1	6.1

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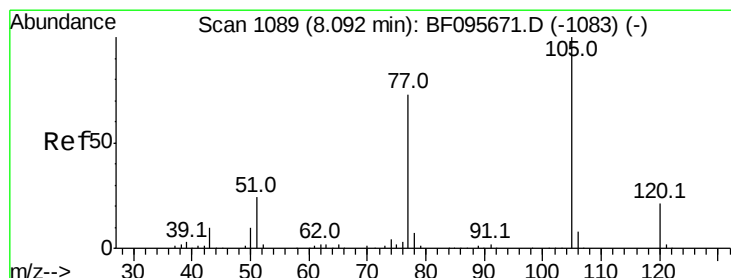
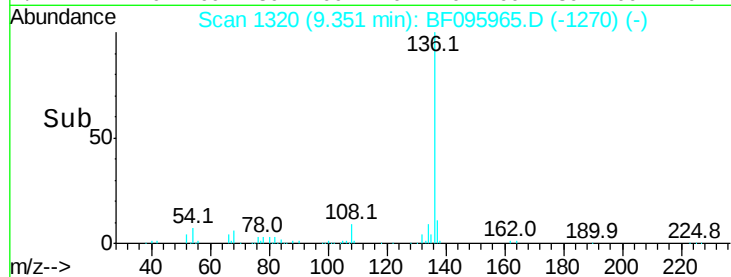
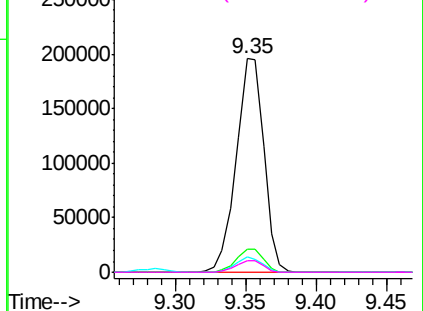
Abundance

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: 52.47 ng

RT: 8.02 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	328498		
71	0.1		2.8	4.2#
51	21.8		30.7	46.1#
120	20.9		17.4	26.0

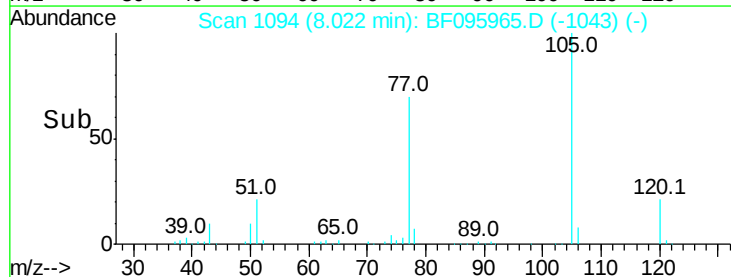
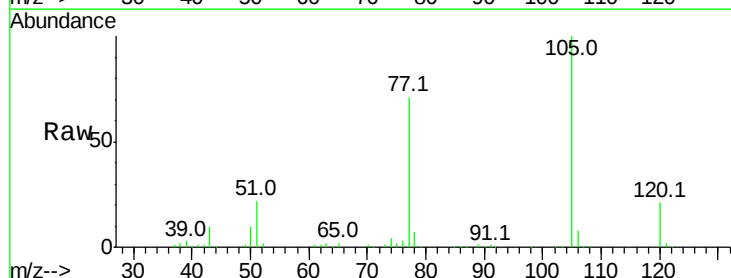
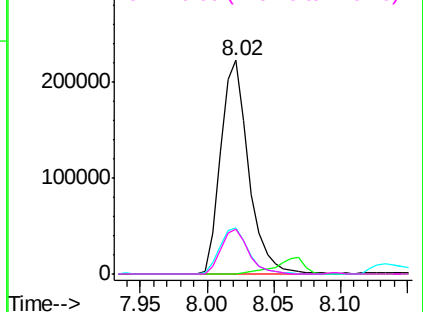
Abundance

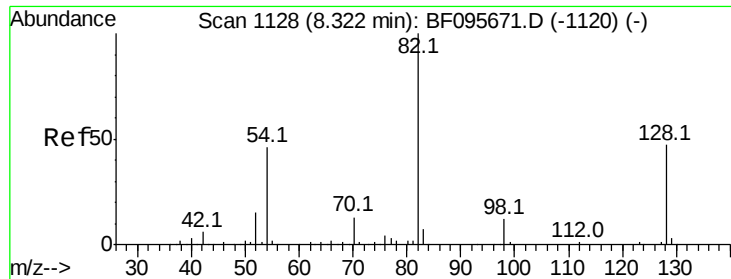
Ion 105.00 (104.70 to 105.70): E

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





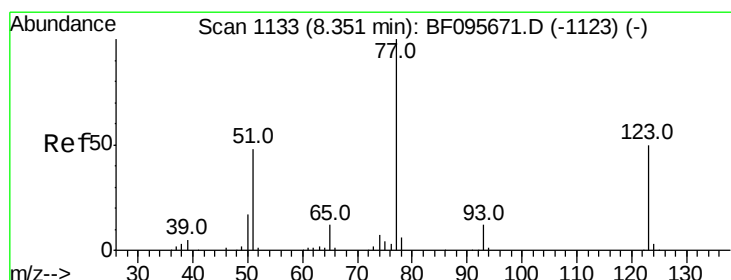
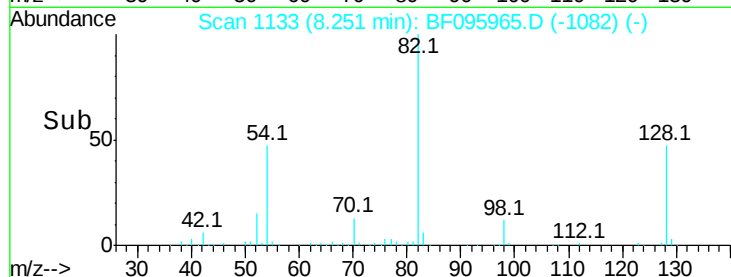
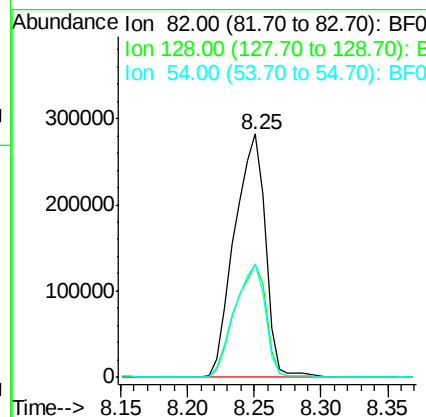
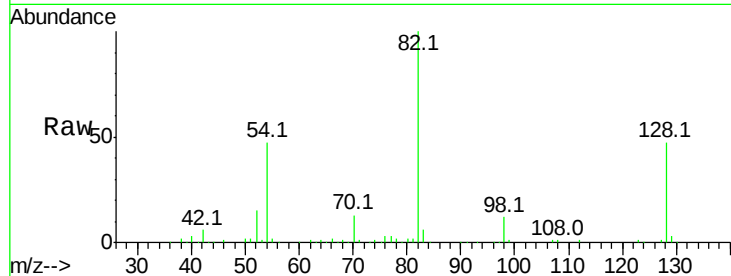
#23
 Nitrobenzene-d5
 Concen: 106.09 ng
 RT: 8.25 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.0	51.0	
54	46.5	42.2	63.2	

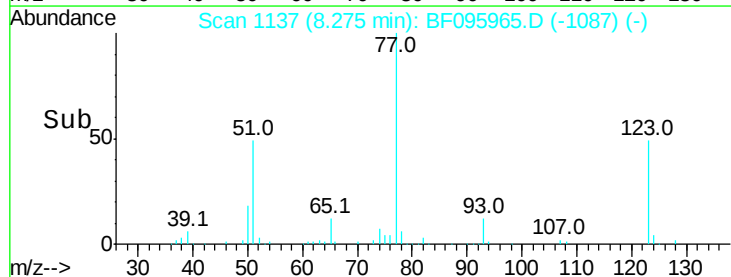
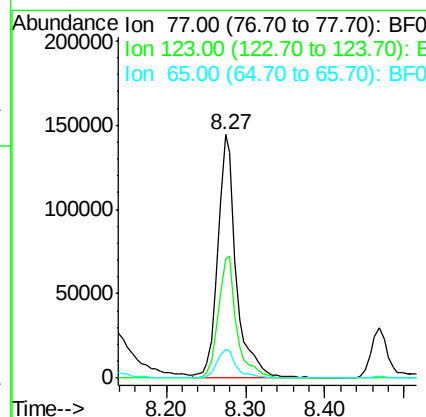
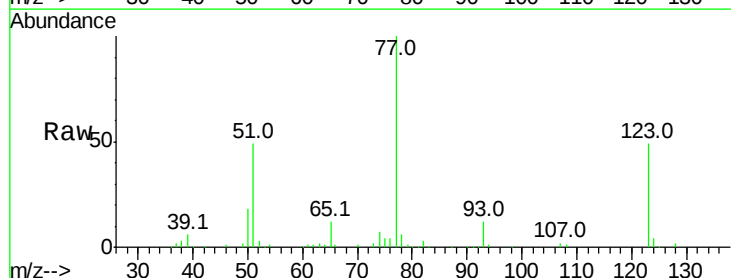
Manual Integrations
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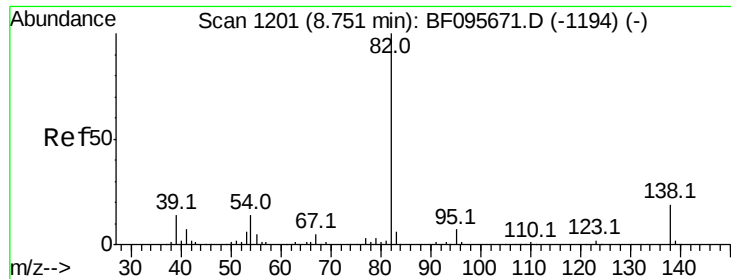
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#24
 Nitrobenzene
 Concen: 50.61 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	35.8	53.8	
65	11.9	10.6	15.8	





#25

Isophorone

Concen: 51.06 ng

RT: 8.68 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

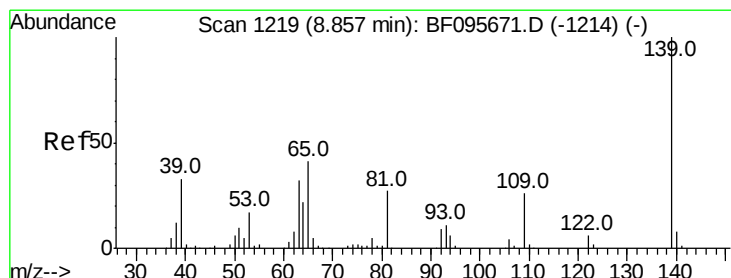
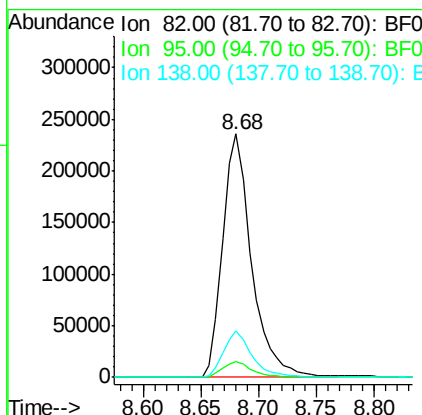
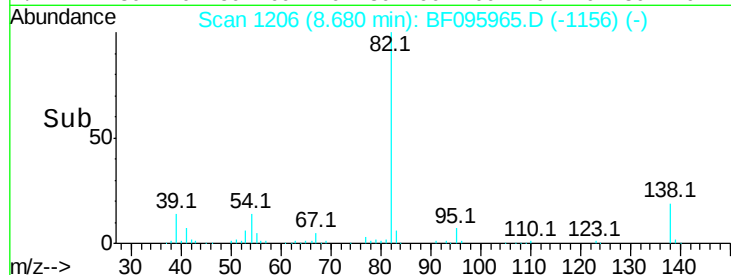
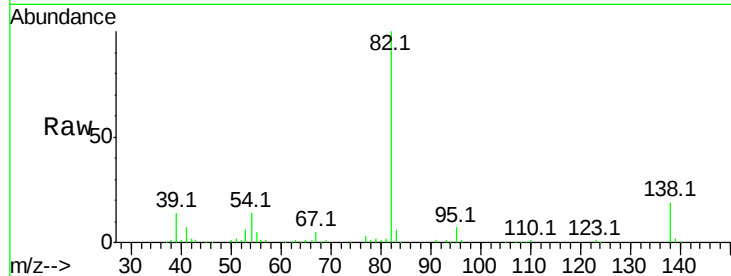
ClientSampleId :

SB-09-6-7MSD

Tot Ion:	82	Resp:	410615
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 53.97 ng

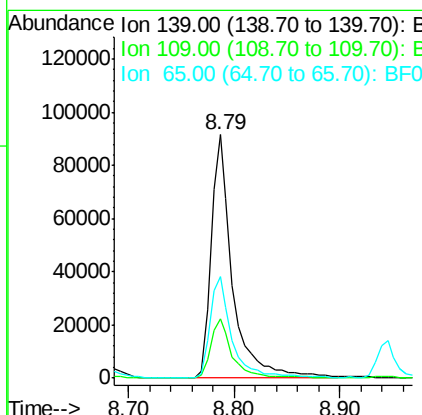
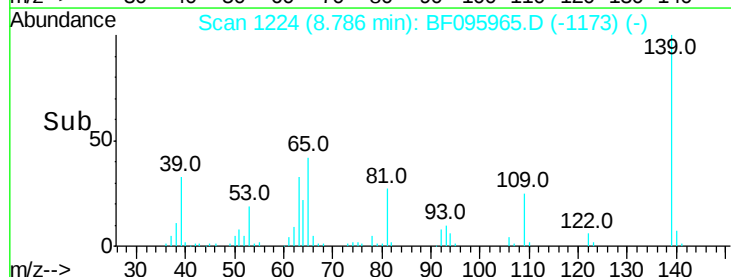
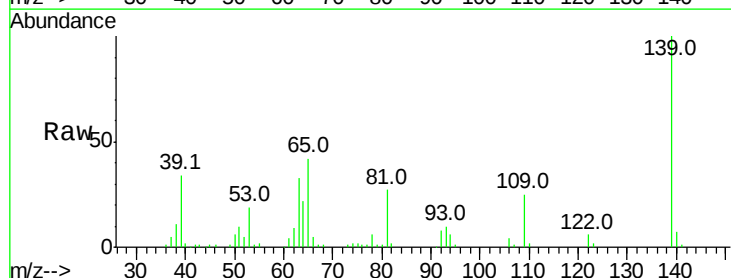
RT: 8.79 min Scan# 1224

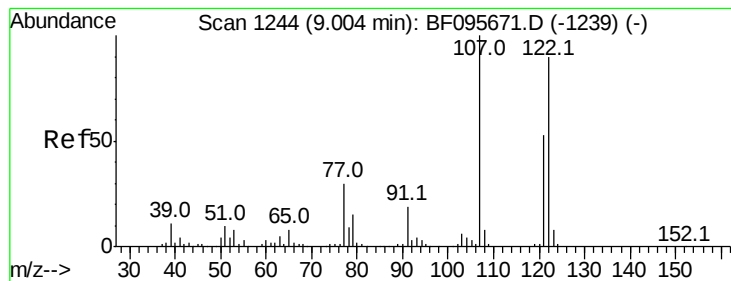
Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	139	Resp:	130005
Ion Ratio	Lower	Upper	
139	100		
109	24.6	21.0	31.6
65	41.9	33.0	49.6





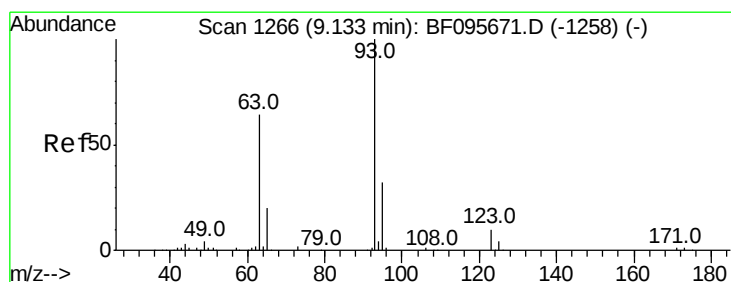
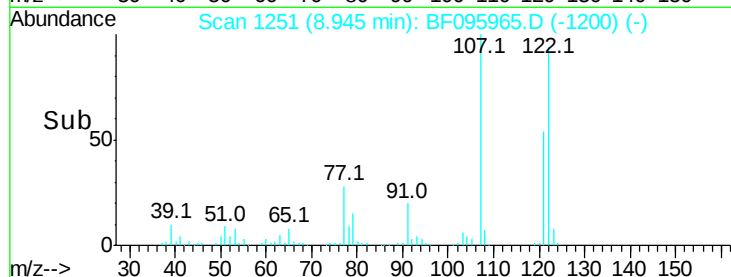
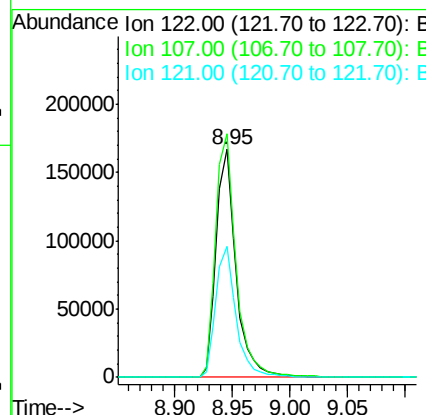
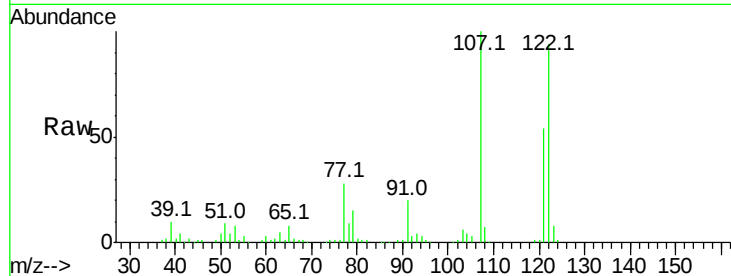
#27
2,4-Dimethylphenol
Concen: 54.18 ng
RT: 8.95 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	202553		
107	106.8	89.2	133.8	
121	57.4	45.2	67.8	

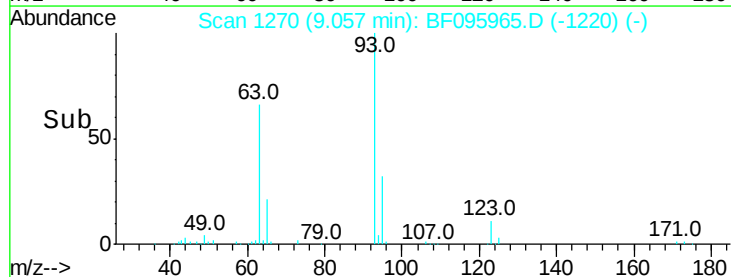
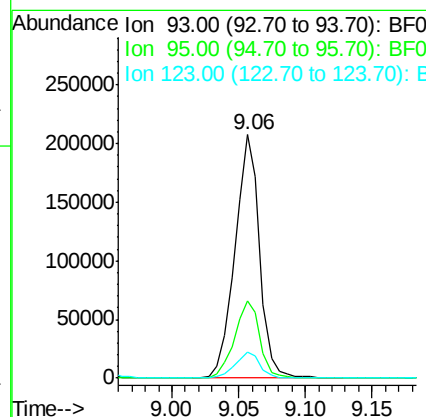
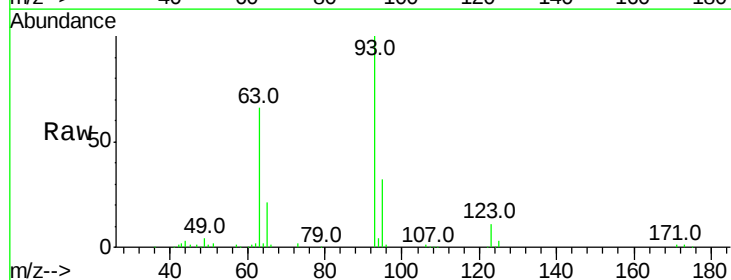
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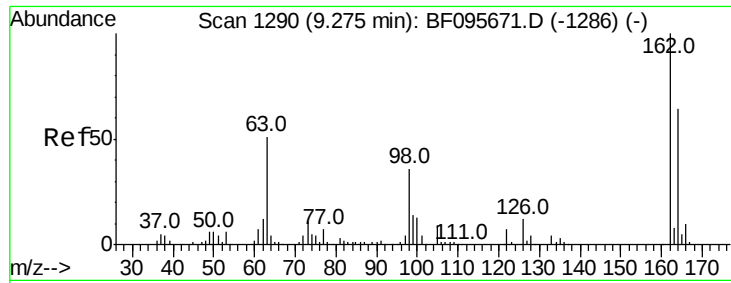
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 50.47 ng
RT: 9.06 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	267521		
95	31.9	26.5	39.7	
123	10.7	9.0	13.4	





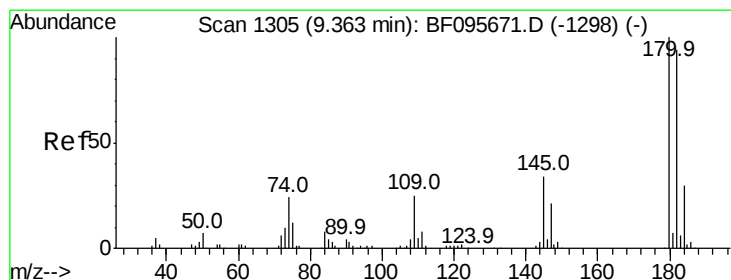
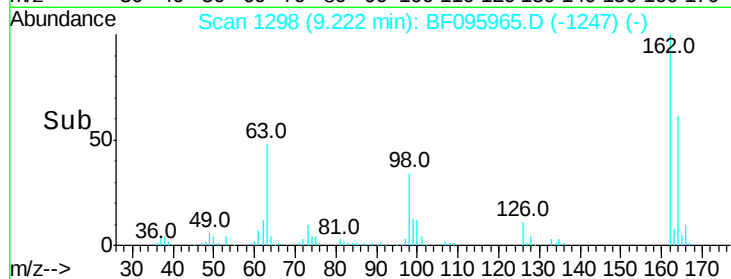
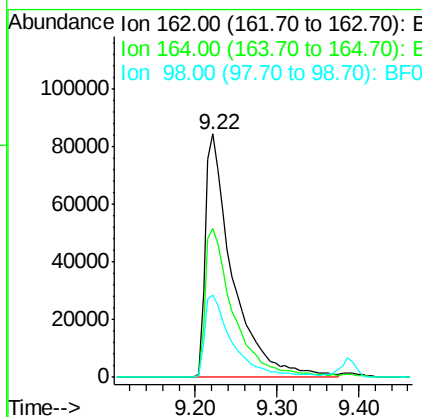
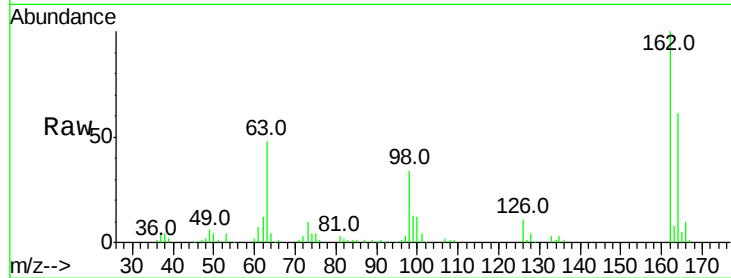
#29
 2,4-Dichlorophenol
 Concen: 54.35 ng
 RT: 9.22 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	195678		
164	61.0		44.6	84.6
98	34.0		14.8	54.8

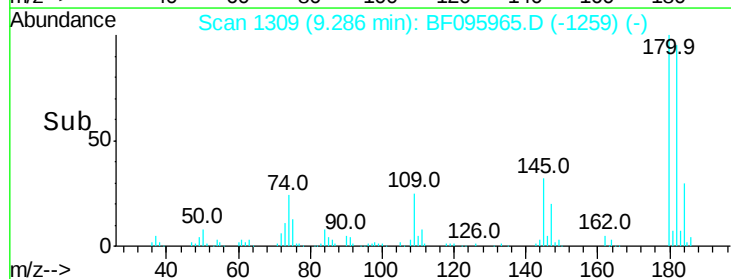
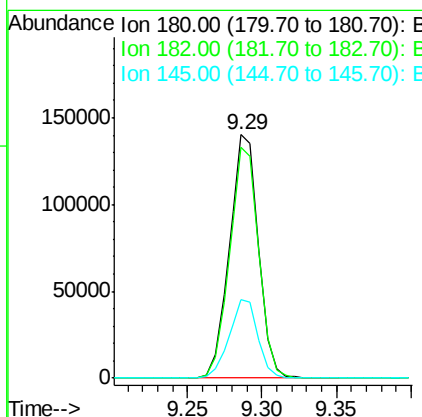
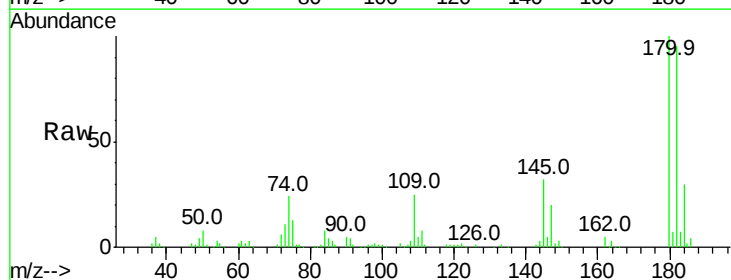
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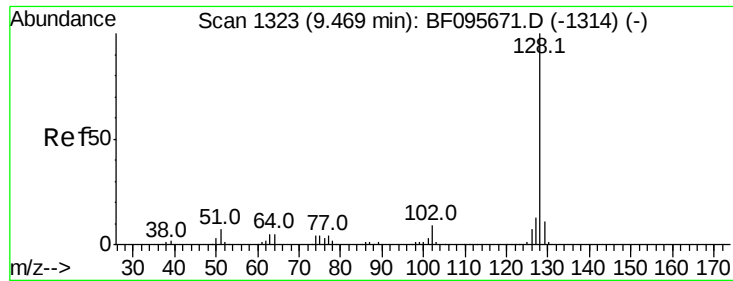
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.80 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190328		
182	94.8		75.8	113.6
145	32.4		25.3	37.9





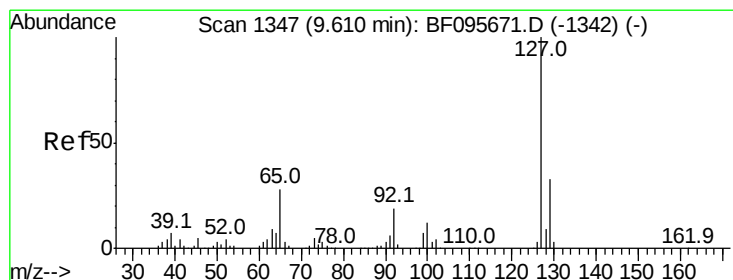
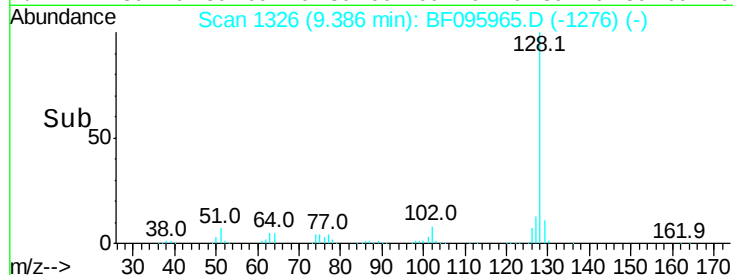
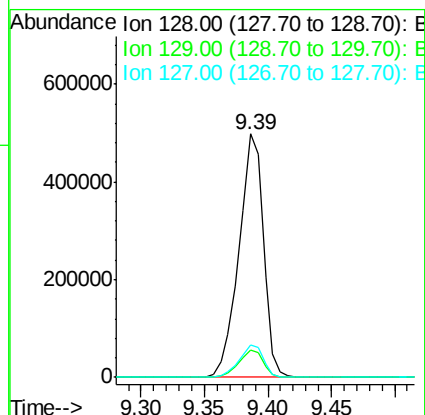
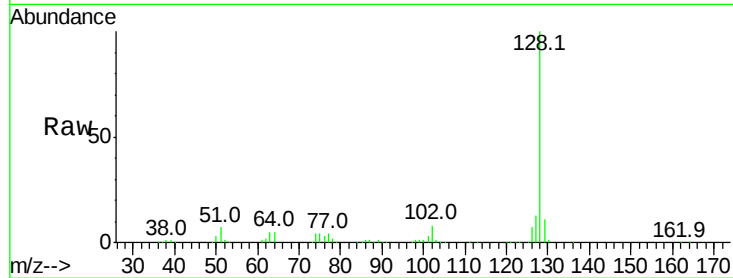
#31
Naphthalene
Concen: 49.50 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	664455		
129	11.1	9.0	13.6	
127	13.2	10.8	16.2	

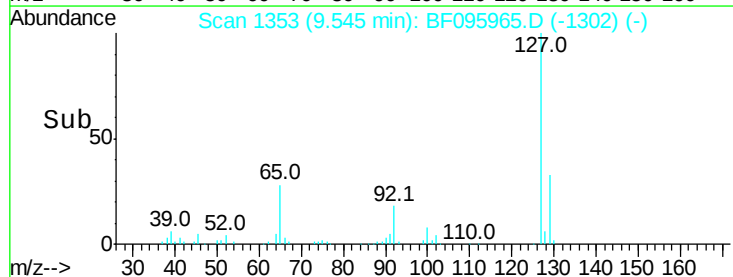
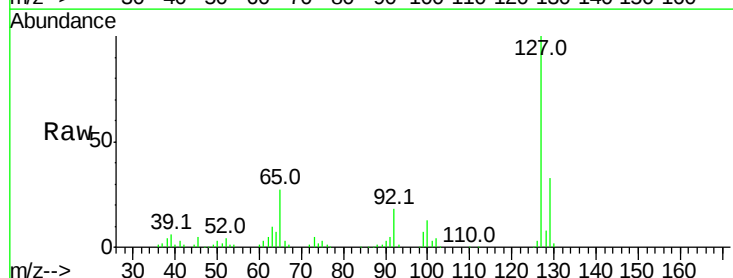
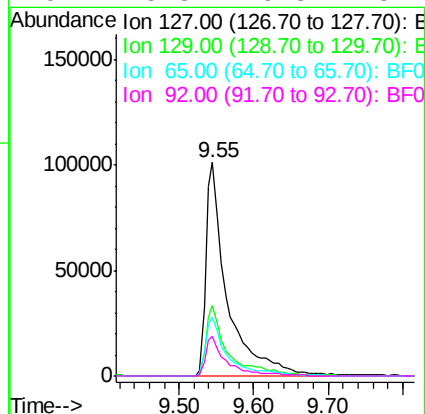
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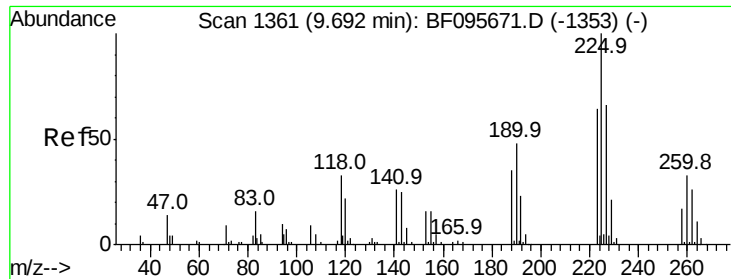
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#33
4-Chloroaniline
Concen: 38.69 ng
RT: 9.55 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	202969		
129	32.8	26.2	39.2	
65	27.4	27.8	41.8	
92	18.3	16.8	25.2	





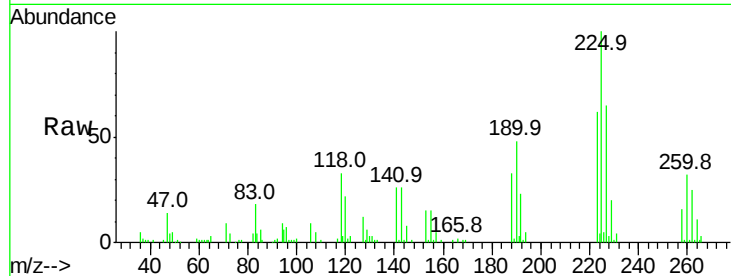
#34
Hexachlorobutadiene
Concen: 47.88 ng
RT: 9.61 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

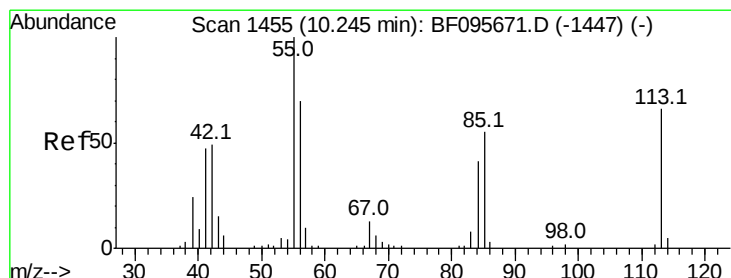
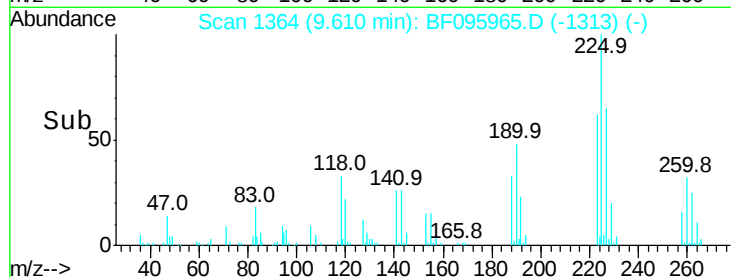
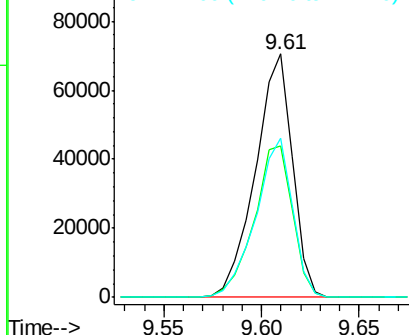
Tot Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	65.5	51.1	76.7

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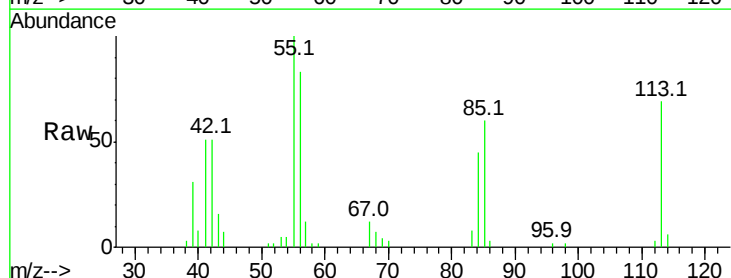


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

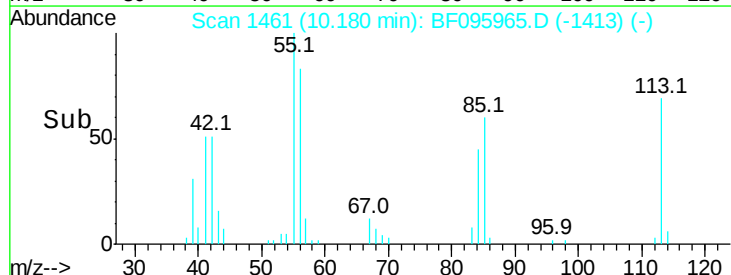
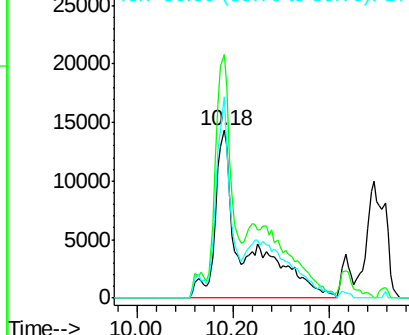


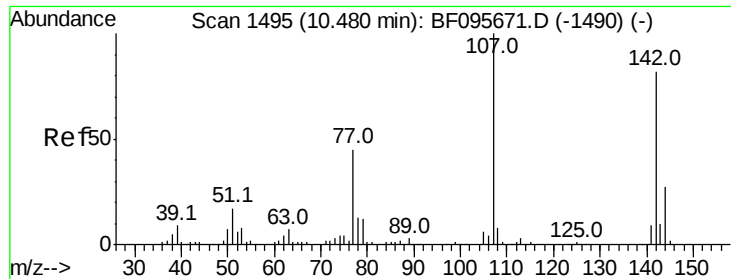
#35
Caprolactam
Concen: 56.68 ng m
RT: 10.18 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
113	100		
55	145.2	150.2	190.2#
56	120.1	107.8	147.8



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





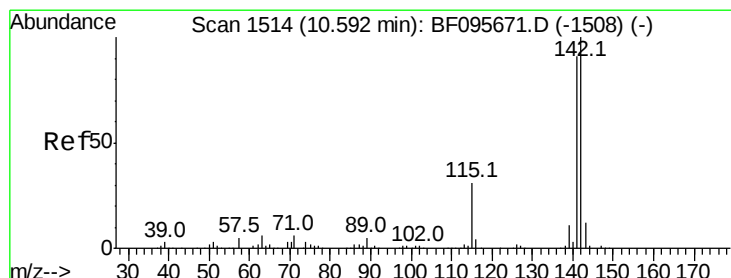
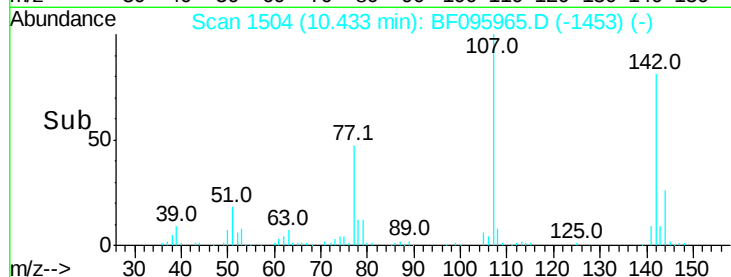
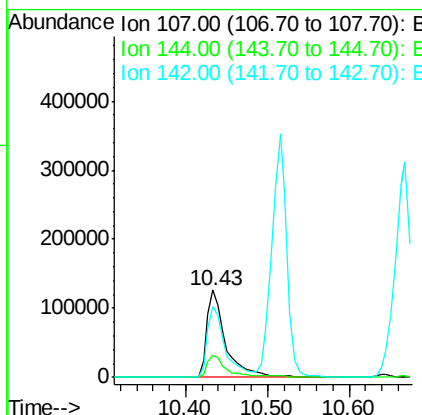
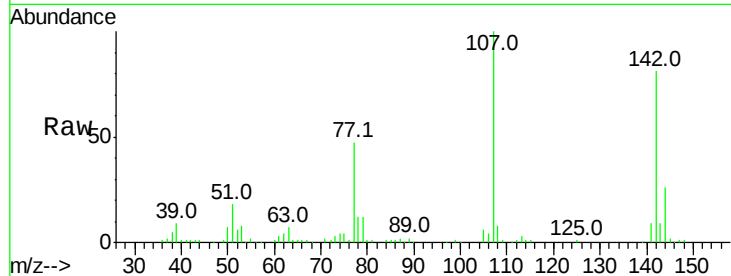
#36
 4-Chloro-3-methylphenol
 Concen: 53.73 ng
 RT: 10.43 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	24.2	36.4
142	80.6	73.4	110.0

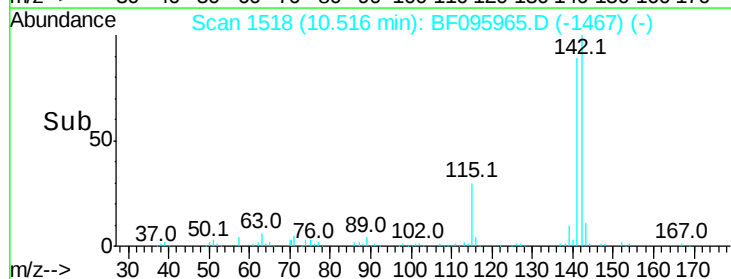
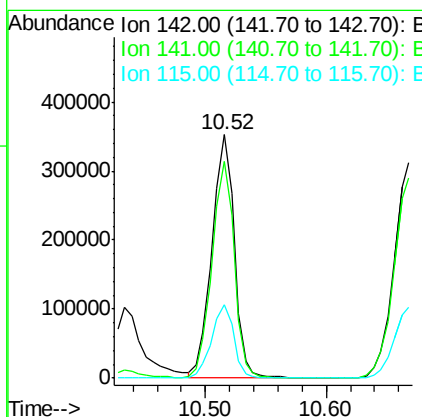
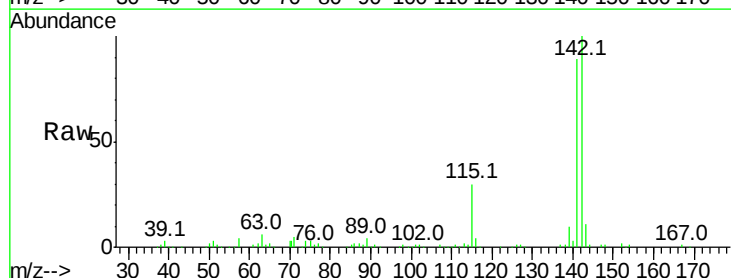
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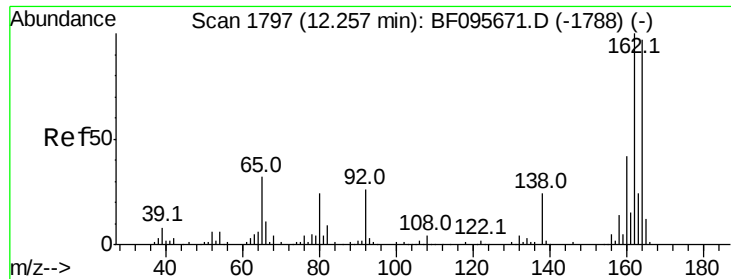
mohammad
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#37
 2-Methylnaphthalene
 Concen: 49.91 ng
 RT: 10.52 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	30.2	27.1	40.7





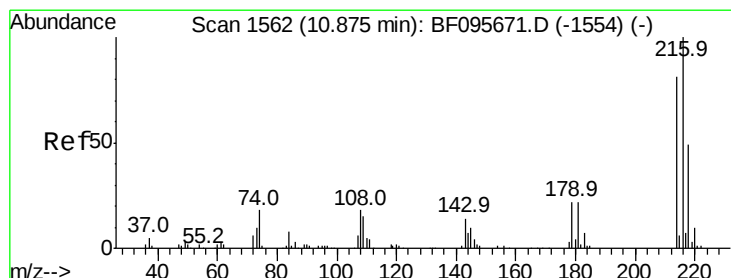
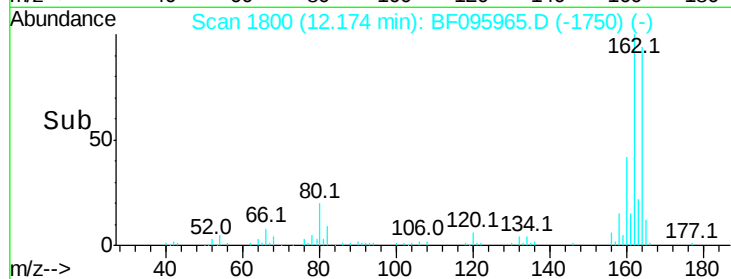
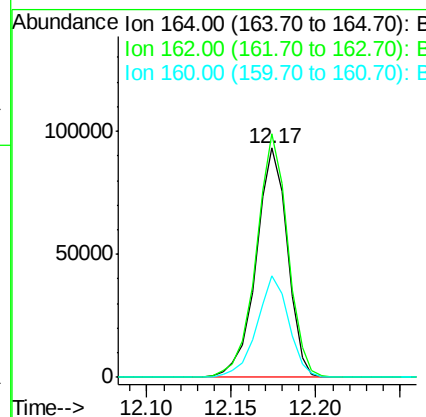
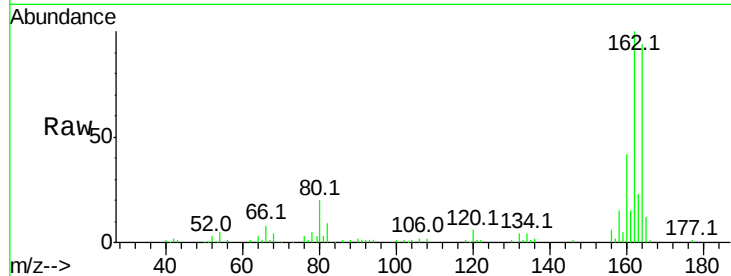
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	120474		
162	106.1	82.6	123.8	
160	44.4	36.2	54.2	

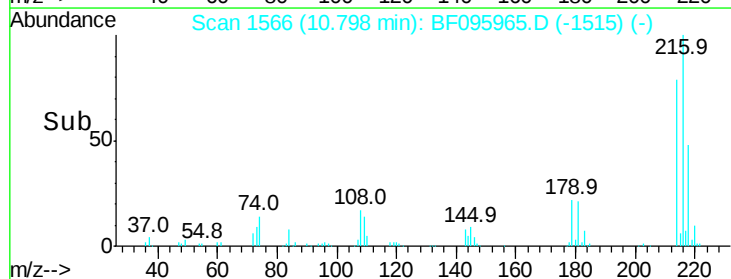
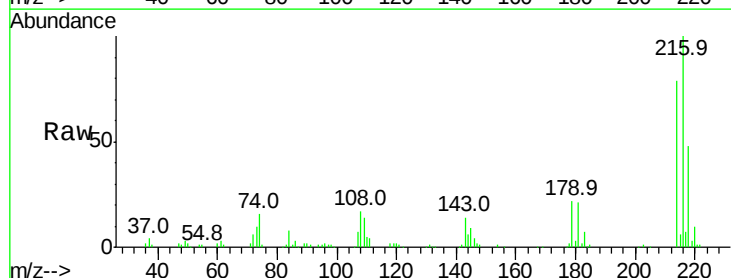
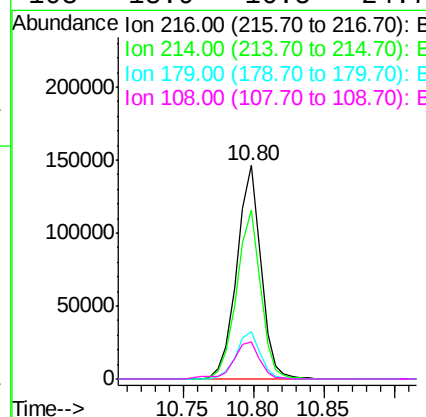
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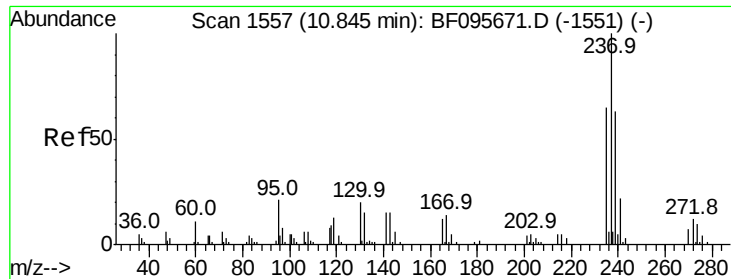
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.37 ng
RT: 10.80 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	174405		
214	78.8	63.4	95.2	
179	22.1	17.9	26.9	
108	18.9	16.5	24.7	





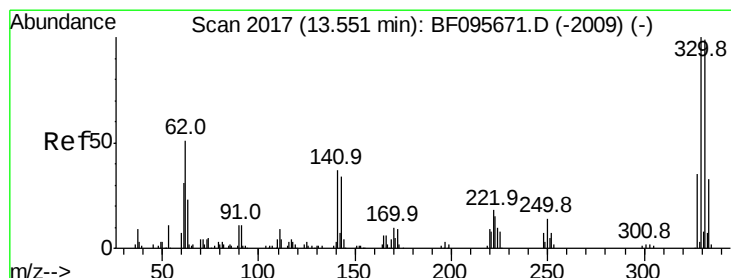
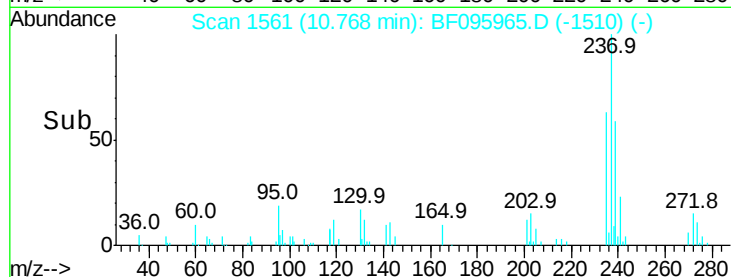
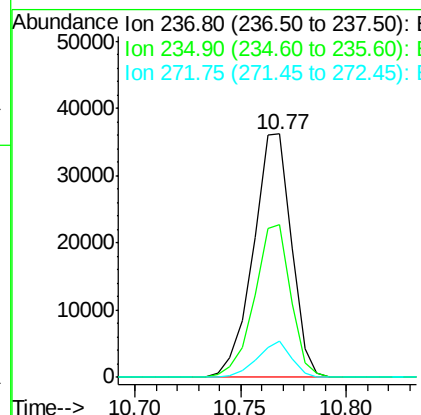
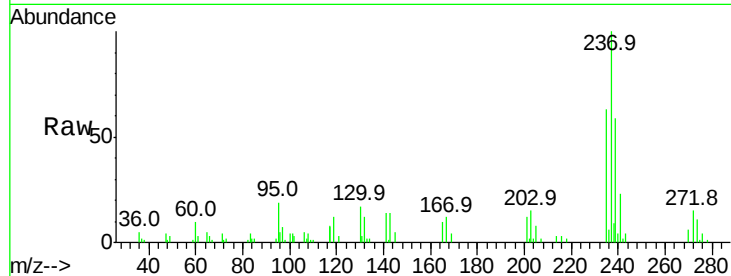
#40
Hexachlorocyclopentadiene
Concen: 45.87 ng
RT: 10.77 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	42.6	82.6	
272	15.0	0.0	31.9	

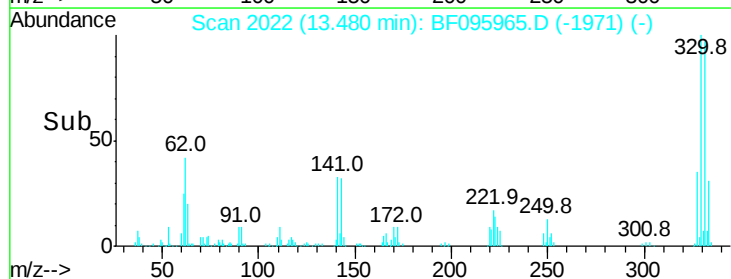
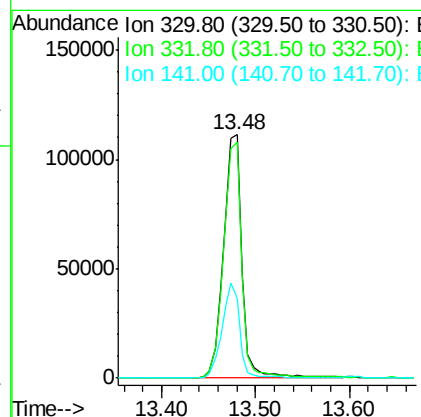
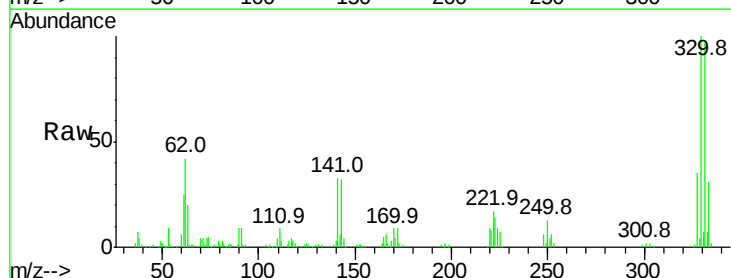
Manual Integrations
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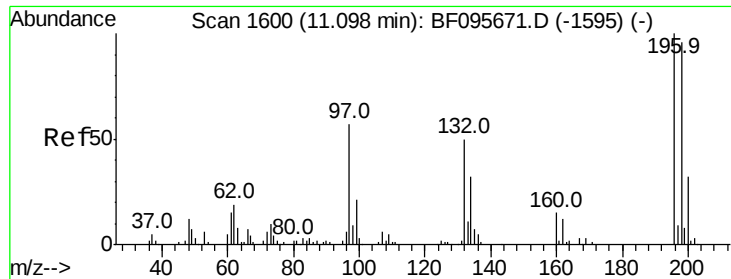
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#41
2,4,6-Tribromophenol
Concen: 144.10 ng
RT: 13.48 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.6	115.0	
141	37.5	31.4	47.2	





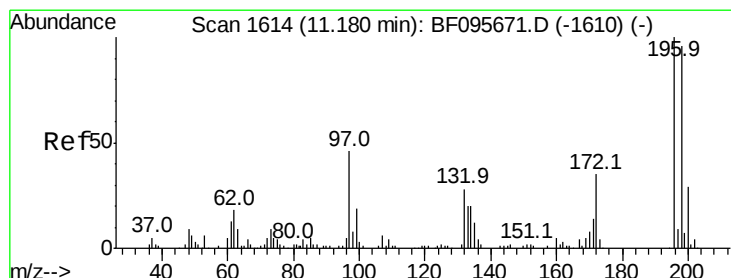
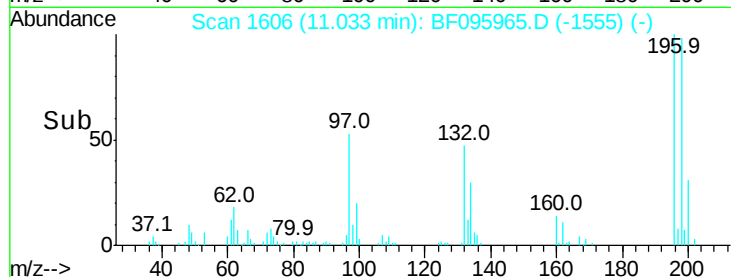
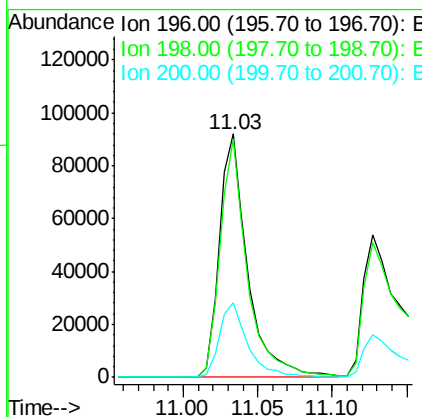
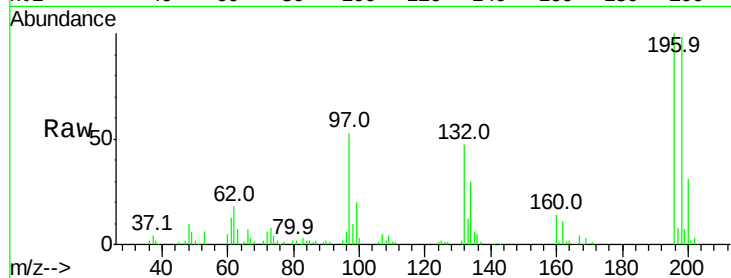
#42
2,4,6-Trichlorophenol
Concen: 52.64 ng
RT: 11.03 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	122041		
198	97.9	74.2	111.4	
200	30.5	24.0	36.0	

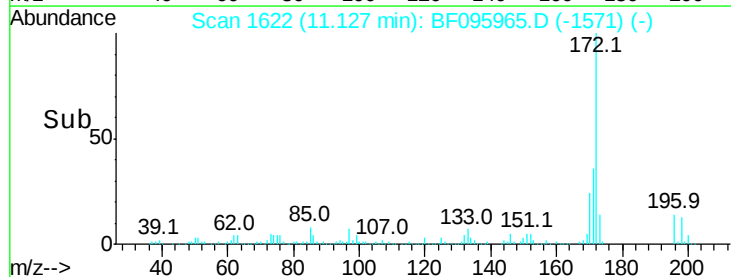
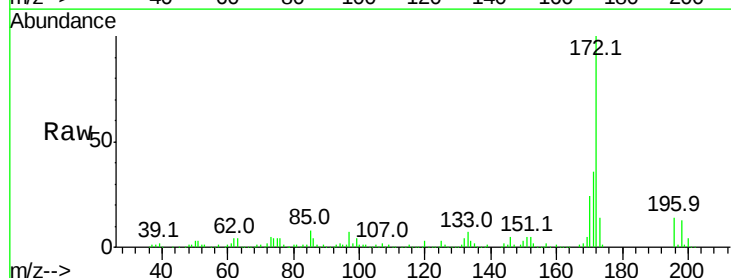
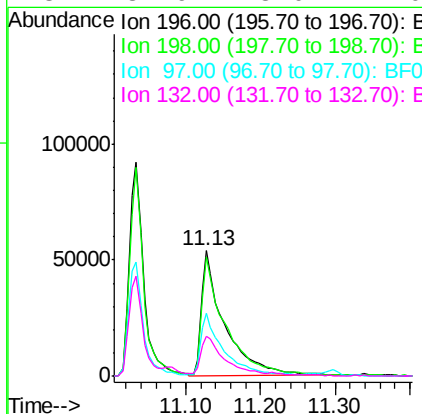
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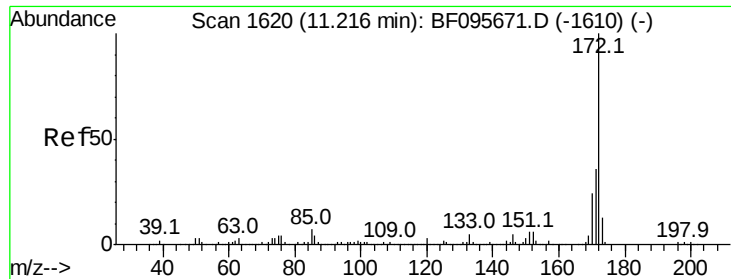
mohammad
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#43
2,4,5-Trichlorophenol
Concen: 47.03 ng
RT: 11.13 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115978		
198	94.6	75.7	113.5	
97	49.9	47.7	71.5	
132	31.9	28.0	42.0	





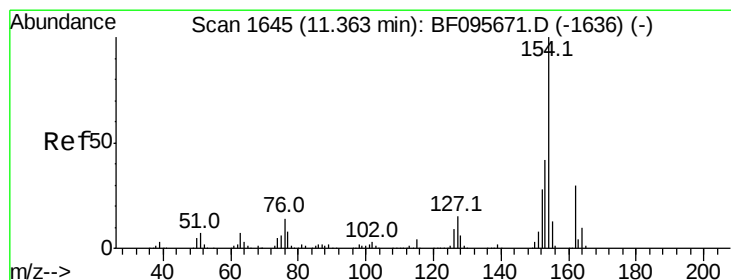
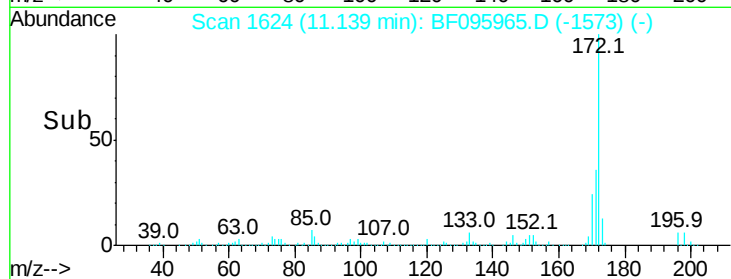
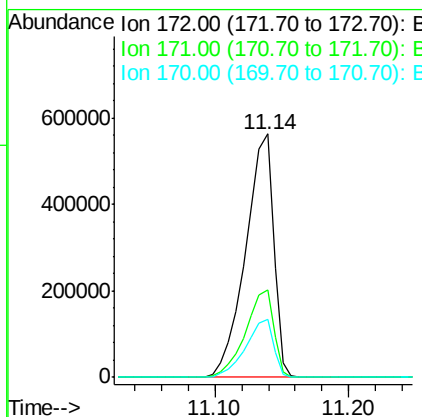
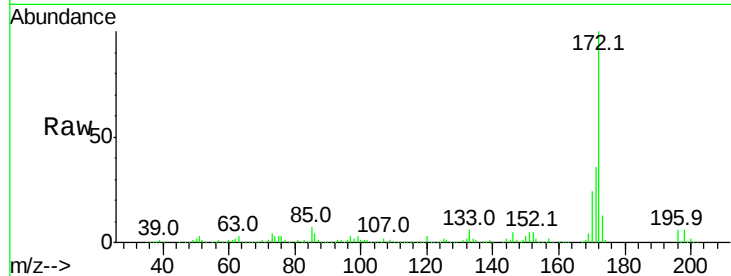
#44
2-Fluorobiphenyl
Concen: 94.17 ng
RT: 11.14 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8

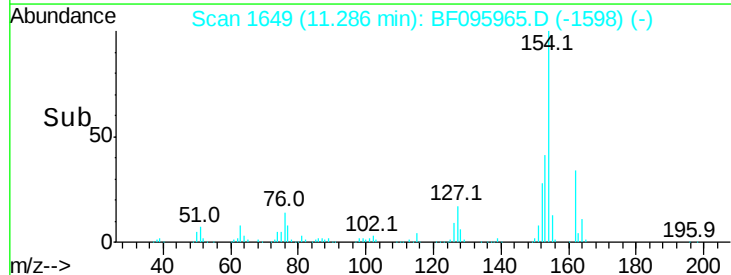
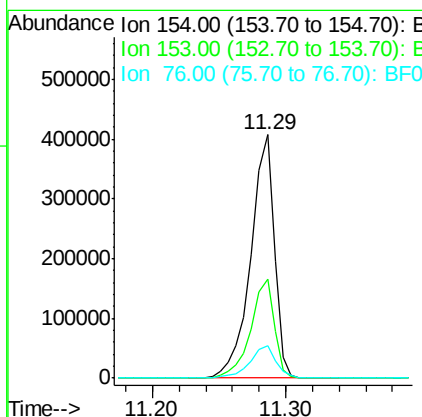
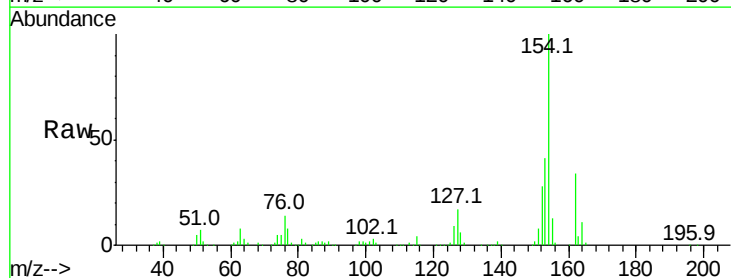
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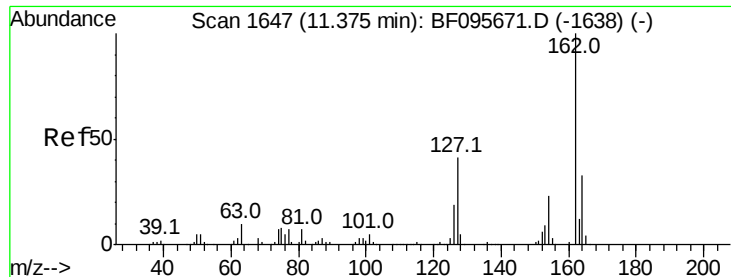
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#45
1,1'-Biphenyl
Concen: 49.67 ng
RT: 11.29 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.8	21.2	61.2
76	13.5	0.0	29.9





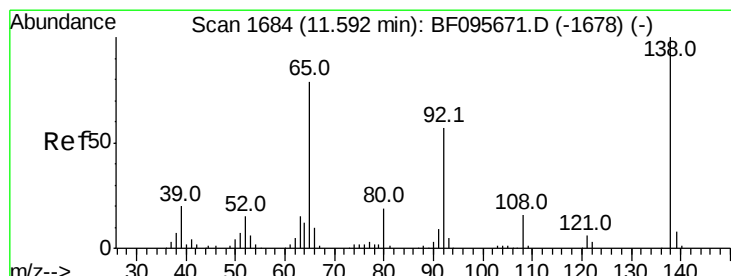
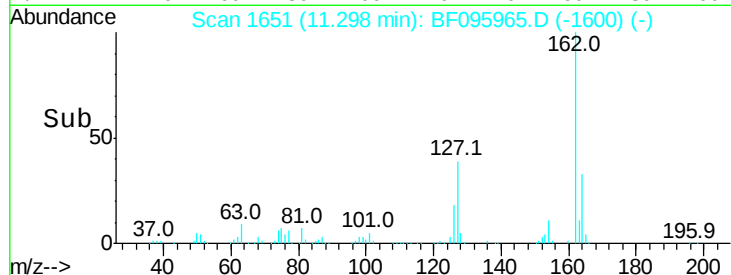
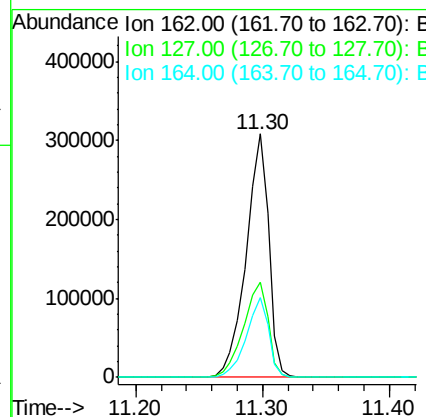
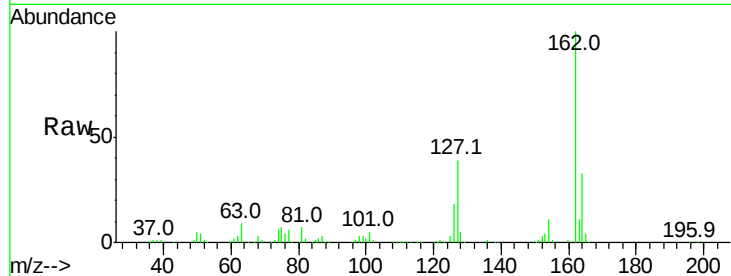
#46
2-Chloronaphthalene
Concen: 49.18 ng
RT: 11.30 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	28.3	42.5	
164	33.0	27.0	40.4	

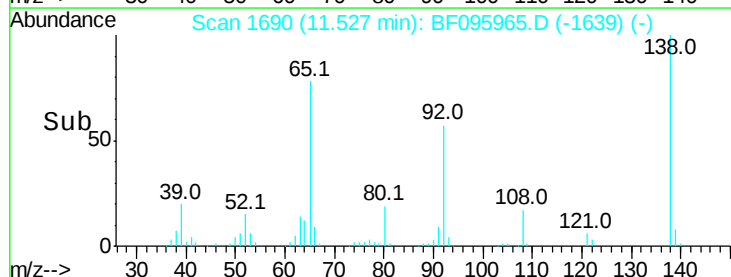
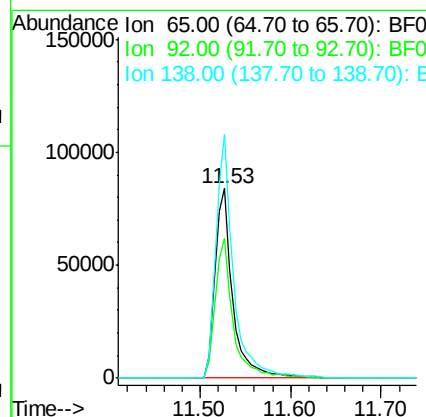
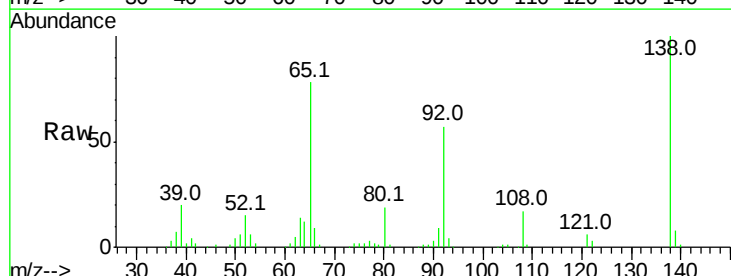
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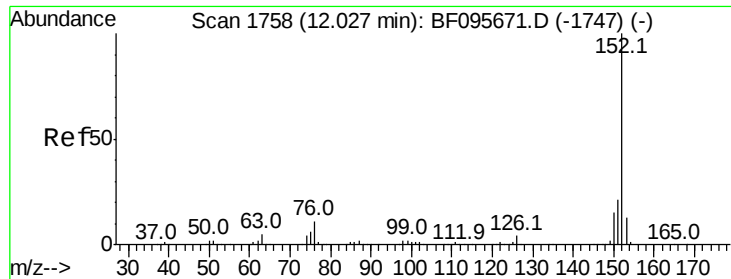
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#47
2-Nitroaniline
Concen: 51.22 ng
RT: 11.53 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.5	53.9	80.9	
138	128.3	78.8	118.2	





#48

Acenaphthylene

Concen: 44.75 ng

RT: 11.94 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

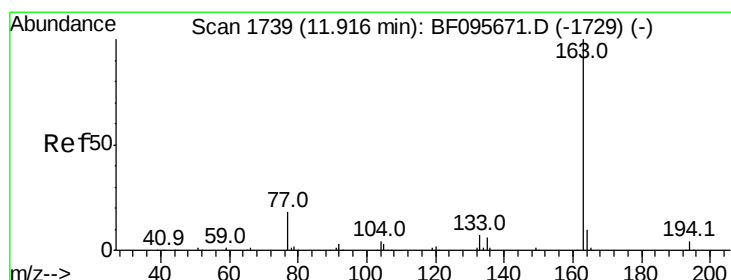
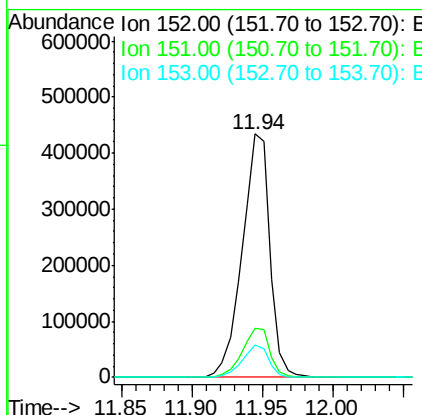
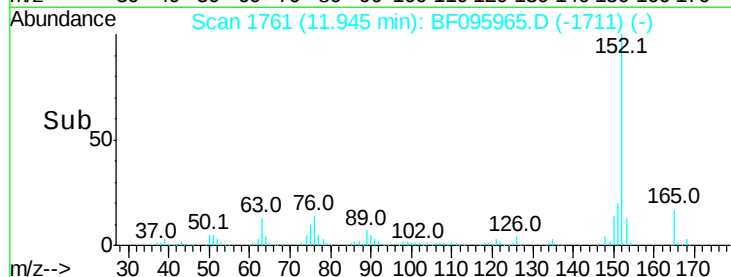
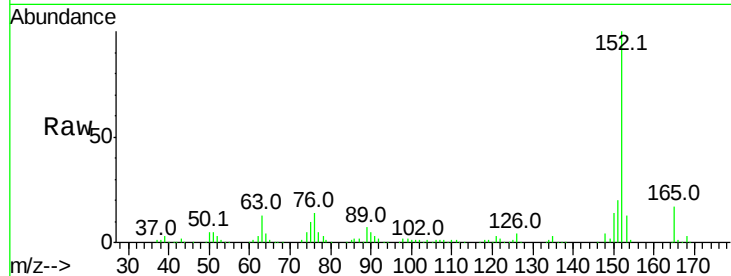
ClientSampleId :

SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	593646		
151	20.1		16.8	25.2
153	13.5		10.8	16.2

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#49

Dimethylphthalate

Concen: 62.08 ng

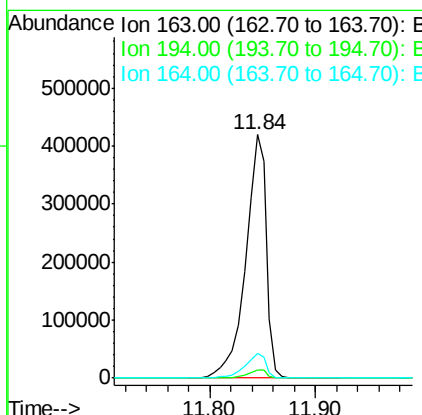
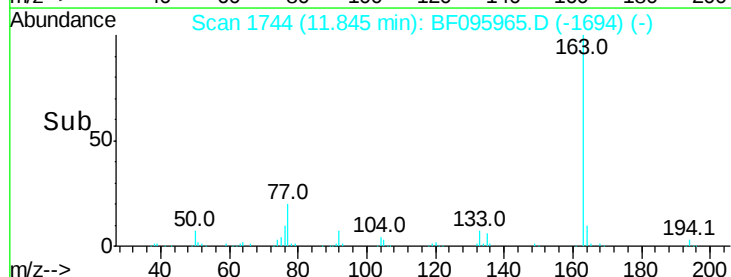
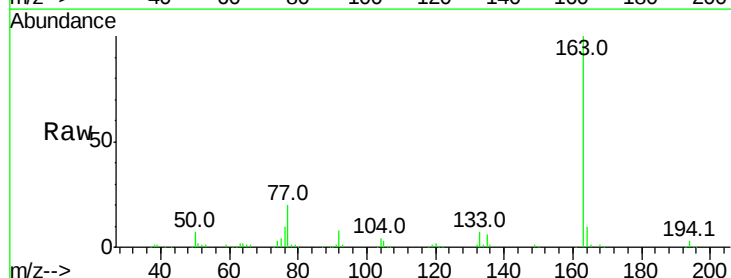
RT: 11.84 min Scan# 1744

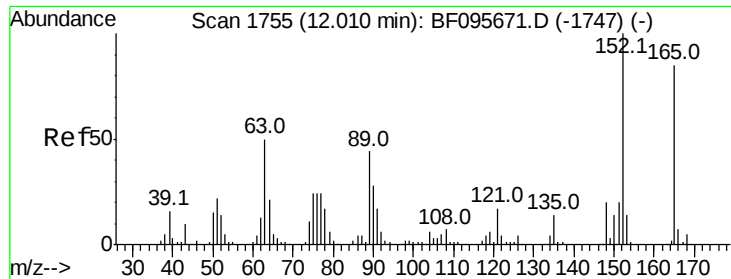
Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	567854		
194	3.3		2.6	4.0
164	10.3		8.4	12.6





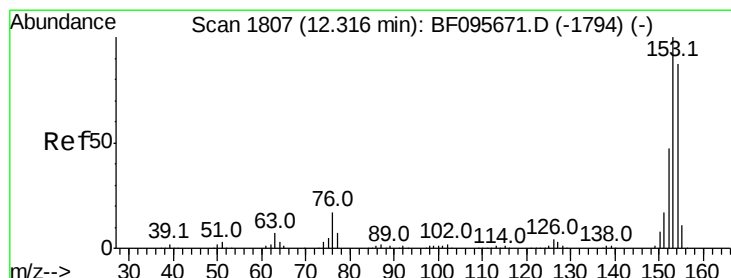
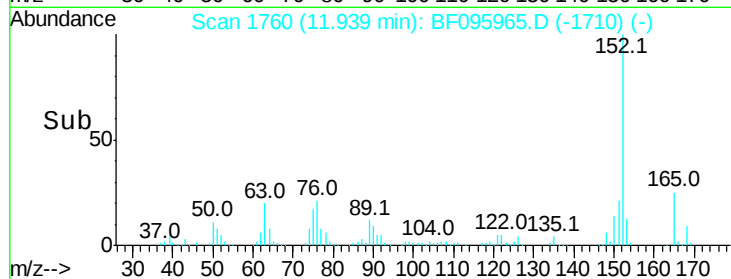
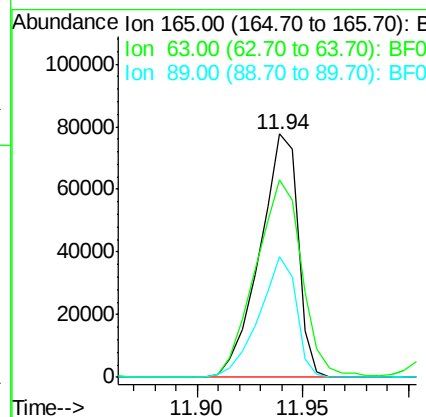
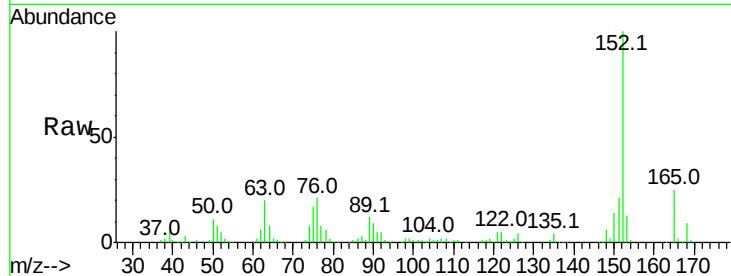
#50
2,6-Dinitrotoluene
Concen: 48.91 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	81.2	34.3	51.5#
89	49.4	37.1	55.7

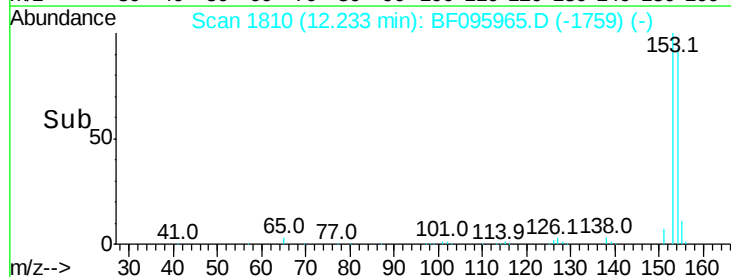
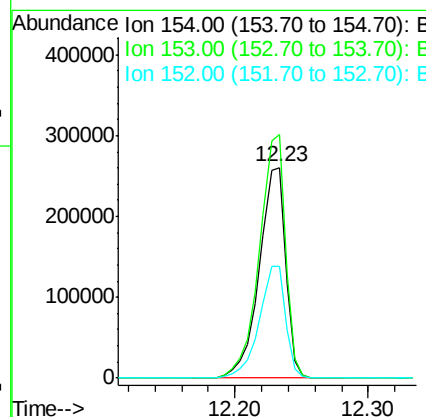
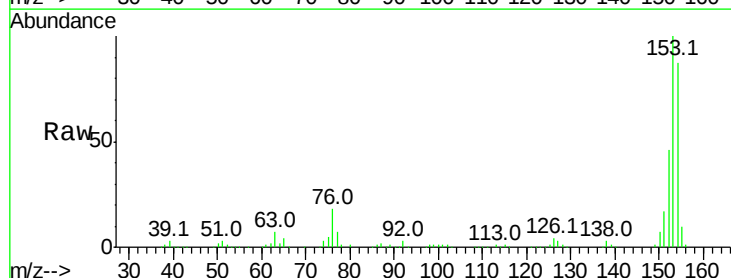
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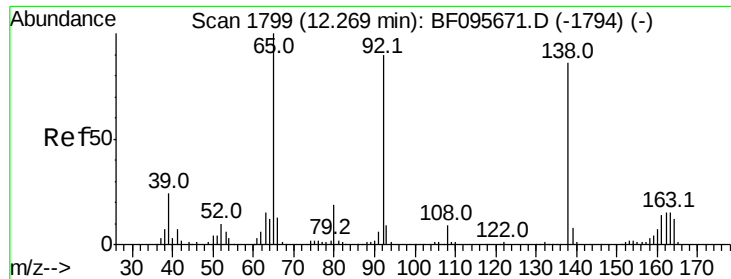
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#51
Acenaphthene
Concen: 46.37 ng
RT: 12.23 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.6	90.5	135.7
152	53.3	43.6	65.4





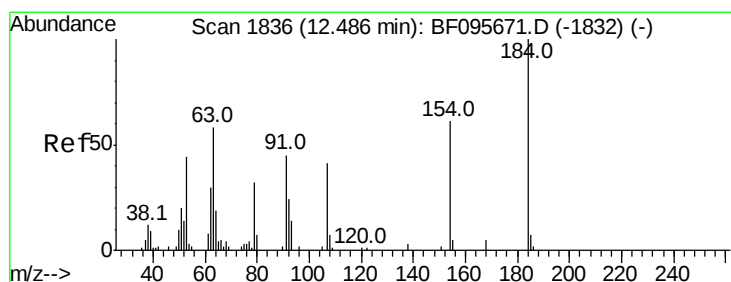
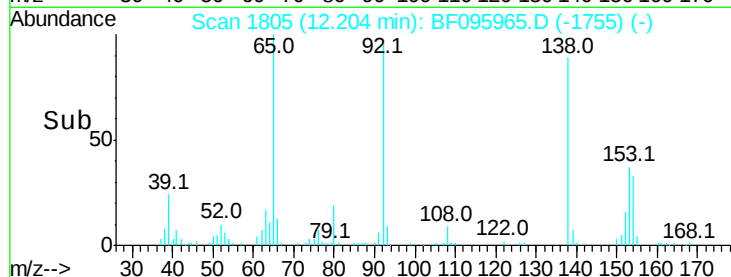
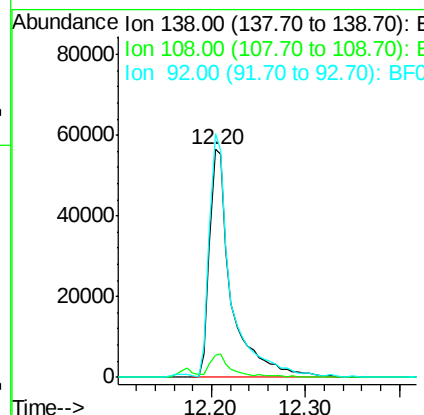
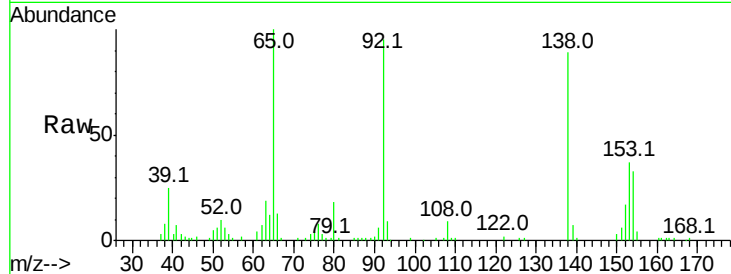
#52
3-Nitroaniline
Concen: 39.85 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion:138 Resp: 92643
Ion Ratio Lower Upper
138 100
108 9.6 9.1 13.7
92 106.7 93.8 140.6

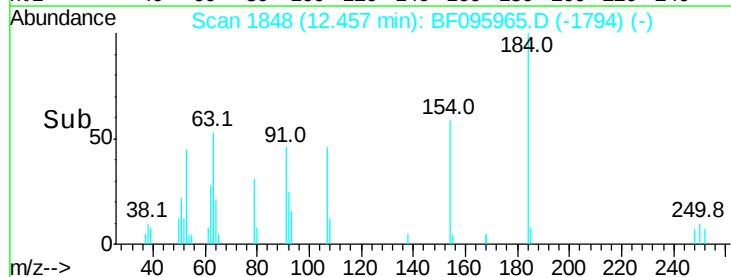
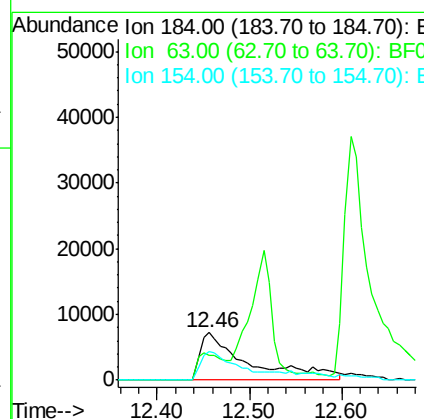
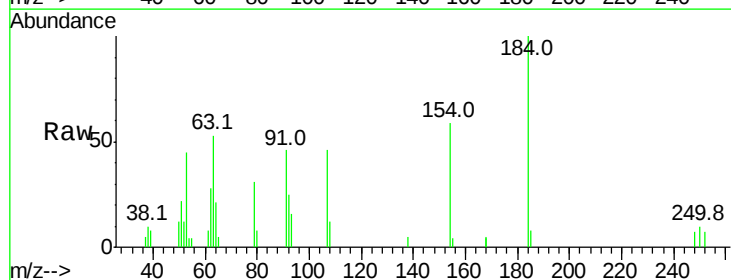
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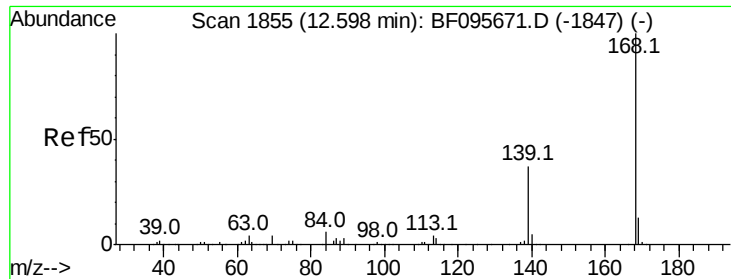
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#53
2,4-Dinitrophenol
Concen: 27.84 ng m
RT: 12.46 min Scan# 1848
Delta R.T. 0.02 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion:184 Resp: 26263
Ion Ratio Lower Upper
184 100
63 53.1 62.7 94.1#
154 59.3 81.1 121.7#





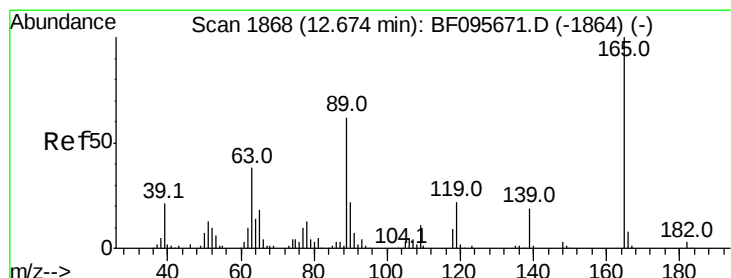
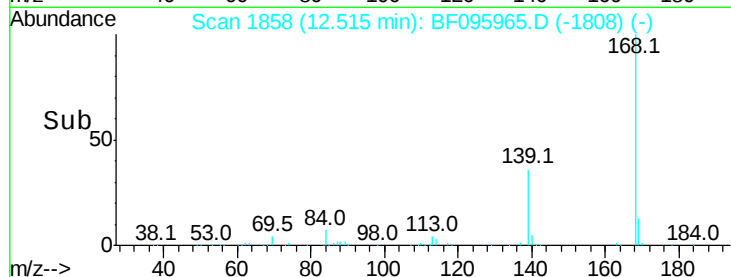
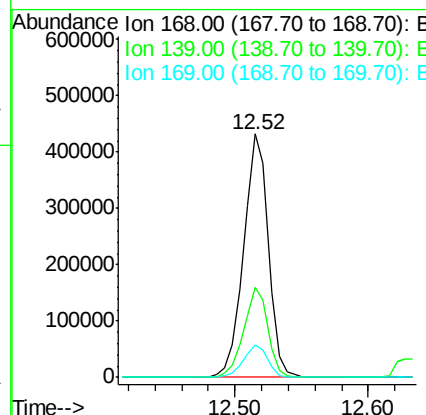
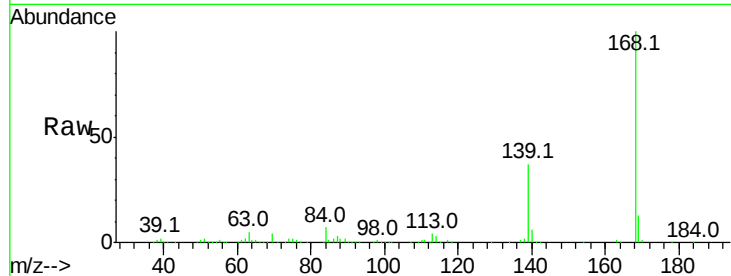
#54
Dibenzofuran
Concen: 51.04 ng
RT: 12.52 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	30.6	45.8	
169	13.5	10.8	16.2	

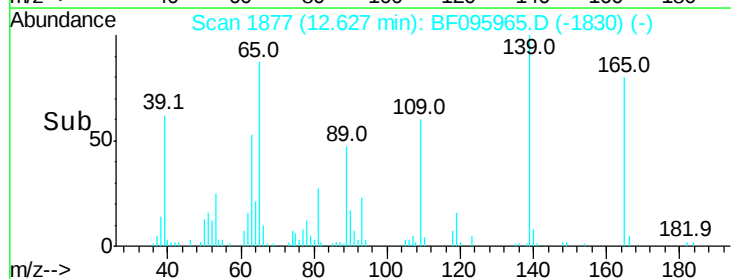
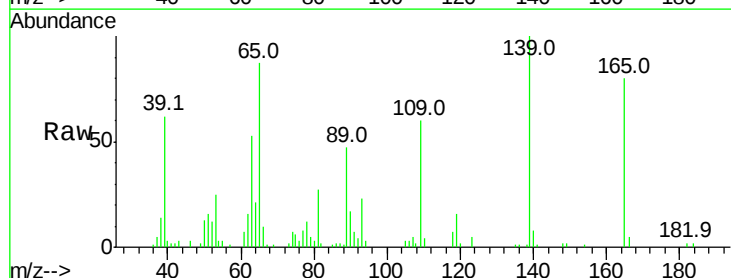
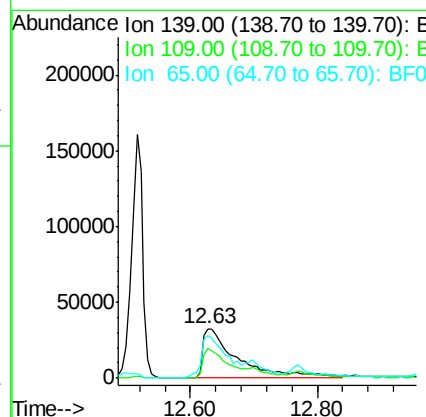
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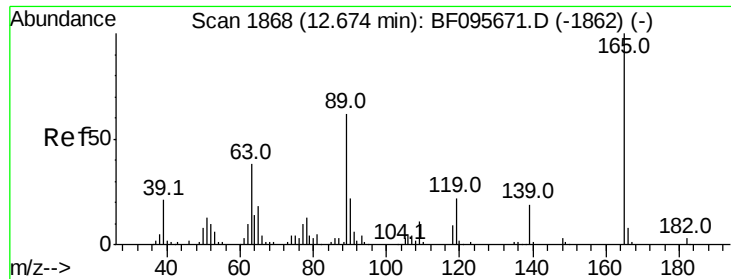
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#55
4-Nitrophenol
Concen: 90.85 ng
RT: 12.63 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.7	34.1	74.1	
65	87.3	31.4	71.4	





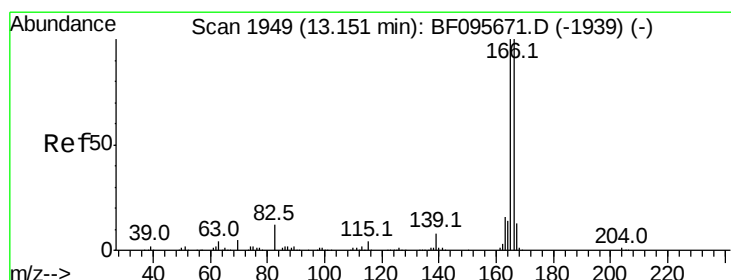
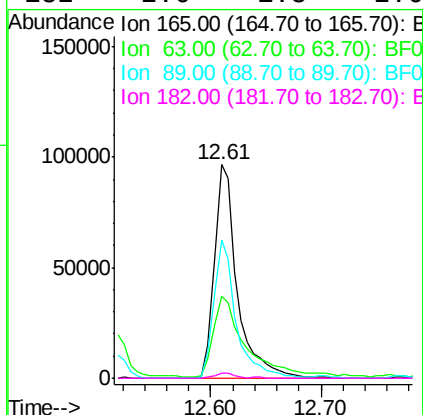
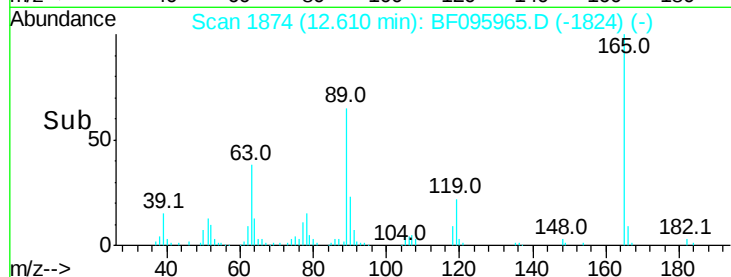
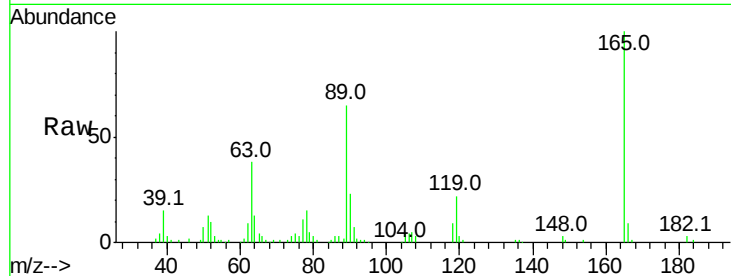
#56
2,4-Dinitrotoluene
Concen: 51.59 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.4	25.4	38.0	
89	64.6	46.4	69.6	
182	2.6	1.8	2.6	

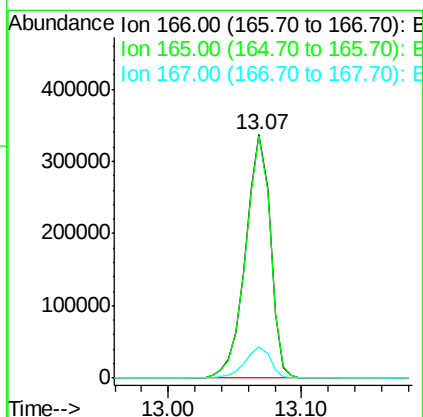
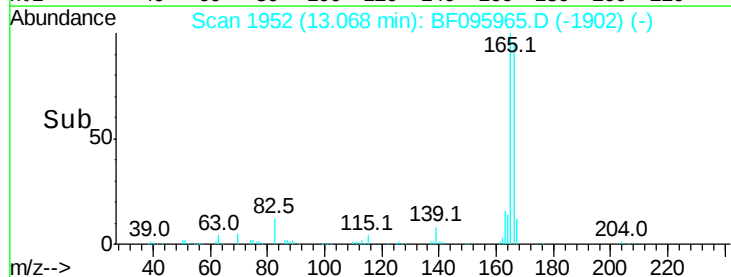
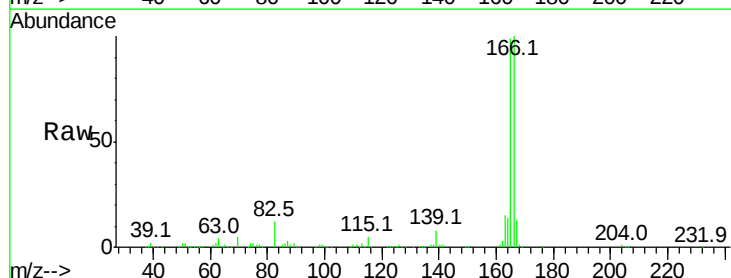
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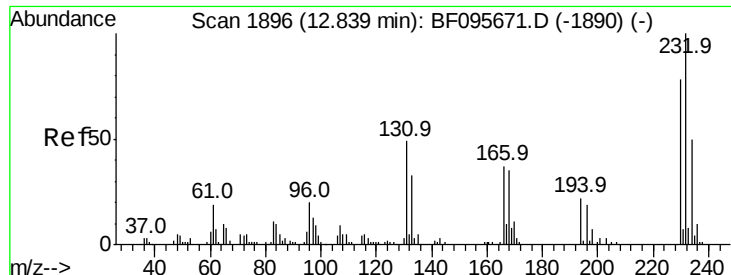
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#57
Fluorene
Concen: 45.87 ng
RT: 13.07 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.4	78.8	118.2	
167	13.0	10.6	16.0	





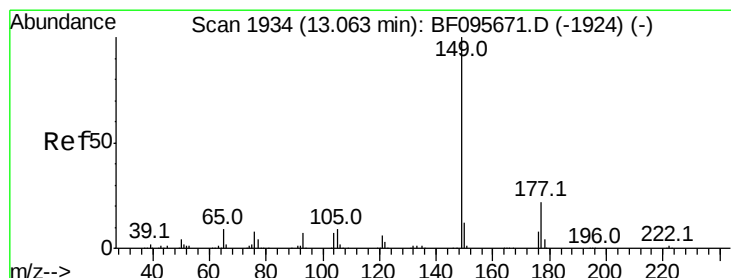
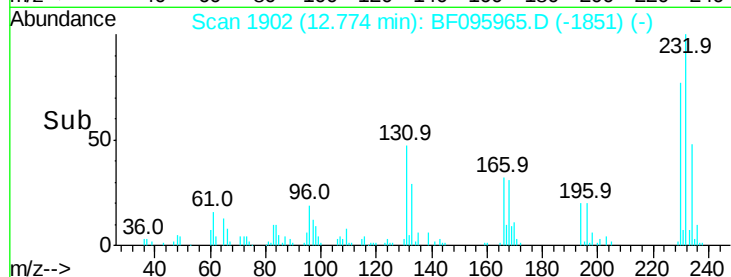
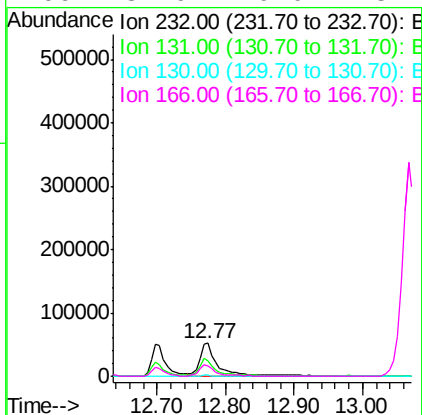
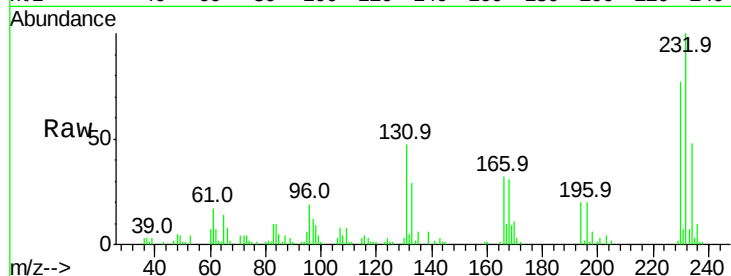
#58
2,3,4,6-Tetrachlorophenol
Concen: 57.16 ng
RT: 12.77 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	44.8	67.2
130	1.8	2.3	3.5
166	31.9	29.0	43.4

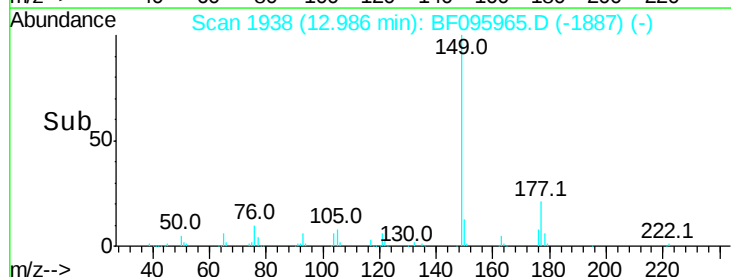
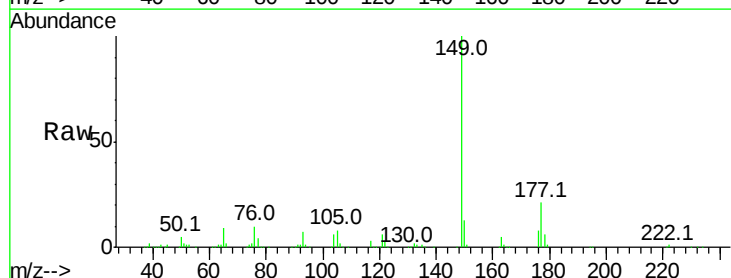
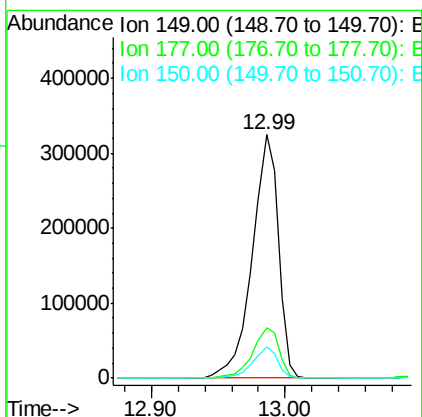
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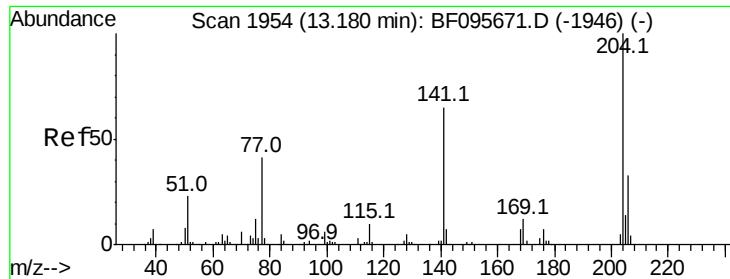
mohammad
6/19/2017 3:47:28 PM



#59
Diethylphthalate
Concen: 49.74 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.8	10.2	15.2





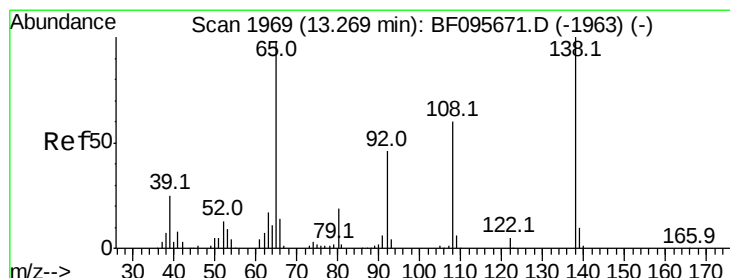
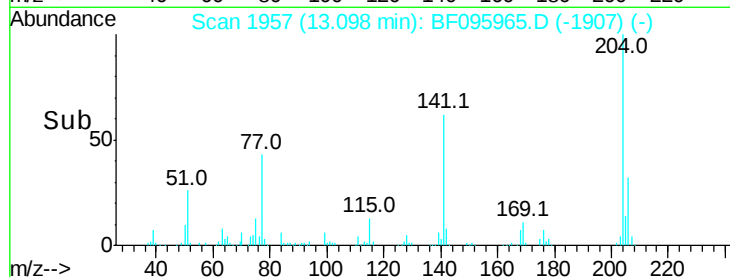
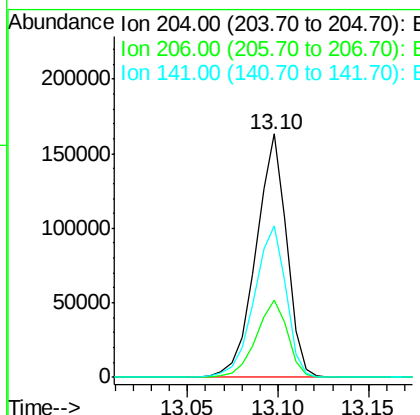
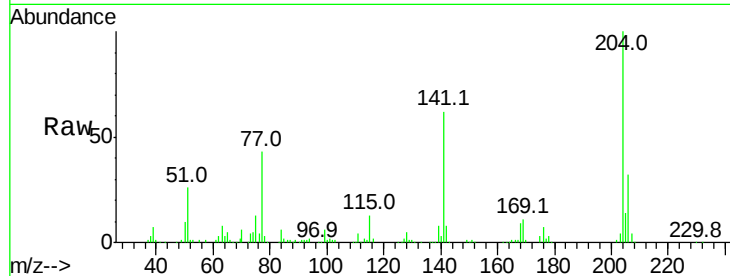
#60
4-Chlorophenyl-phenylether
Concen: 47.06 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	62.0	60.8	91.2

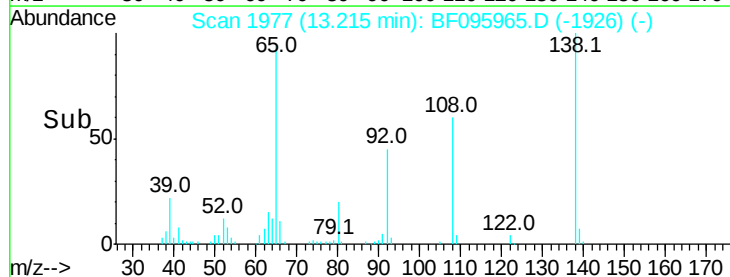
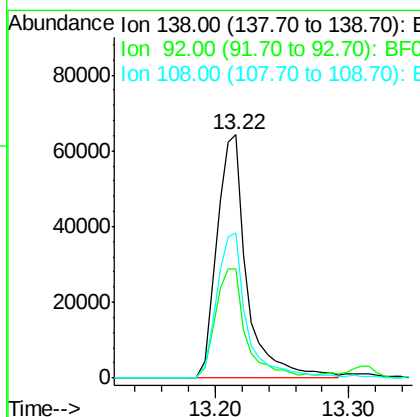
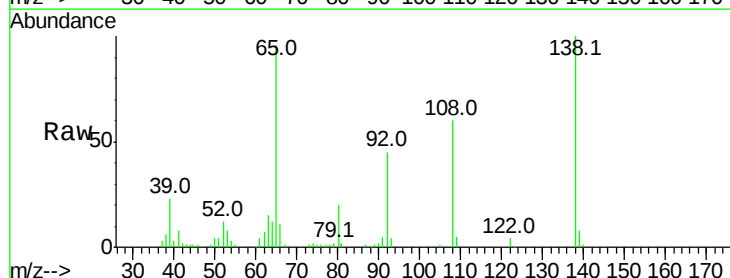
Manual Integrations
APPROVED

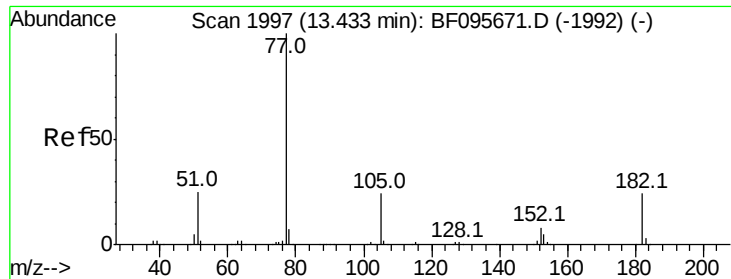
mohammad
6/19/2017 3:47:28 PM



#61
4-Nitroaniline
Concen: 46.67 ng
RT: 13.22 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	21.8	61.8
108	59.8	42.3	82.3





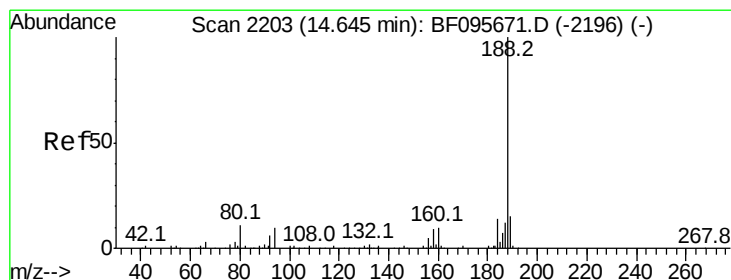
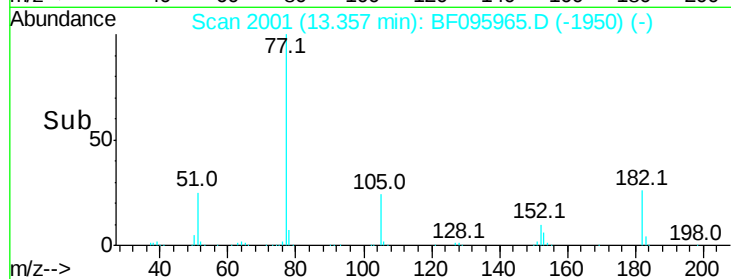
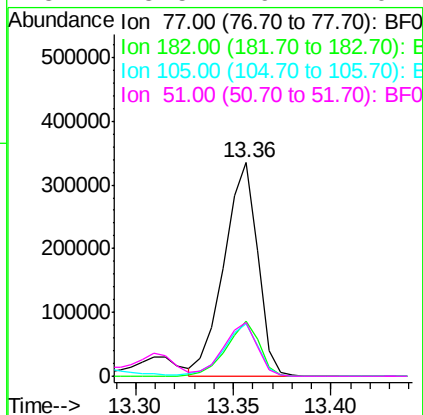
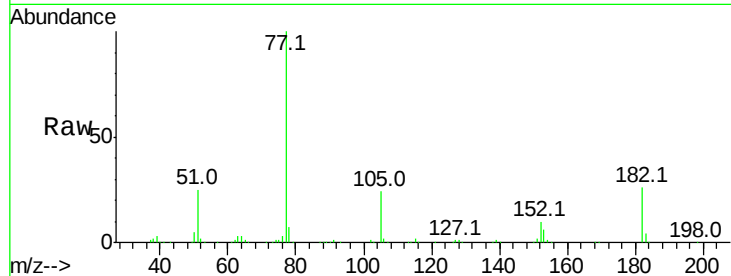
#62
Azobenzene
Concen: 50.29 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.9	0.1	40.1	
105	24.4	3.6	43.6	
51	25.5	9.4	49.4	

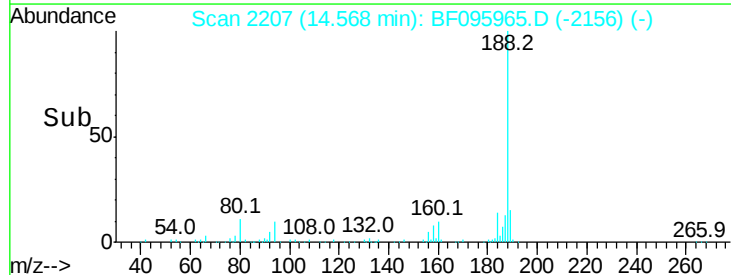
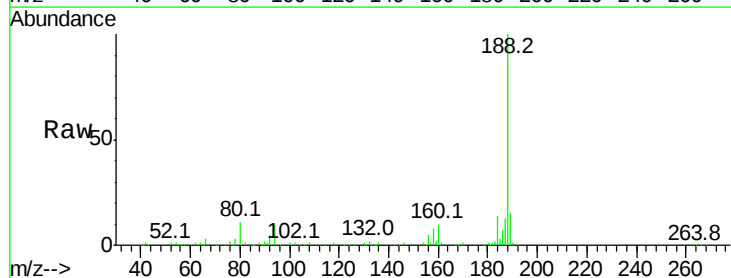
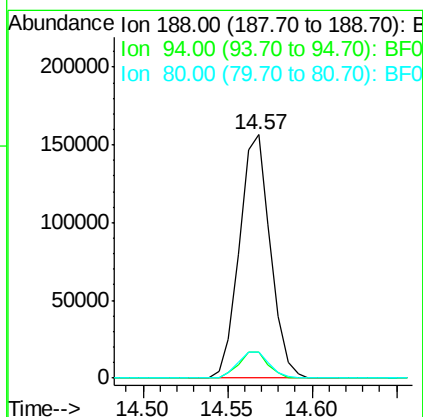
Manual Integrations
APPROVED

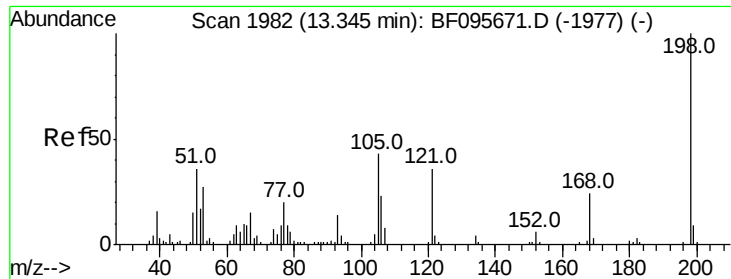
mohammad
6/19/2017 3:47:28 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	10.9	10.2	15.2	





#64

4,6-Dinitro-2-methylphenol

Concen: 35.98 ng

RT: 13.29 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

ClientSampleId :

SB-09-6-7MSD

Tot Ion:198 Resp: 47089

Ion Ratio Lower Upper

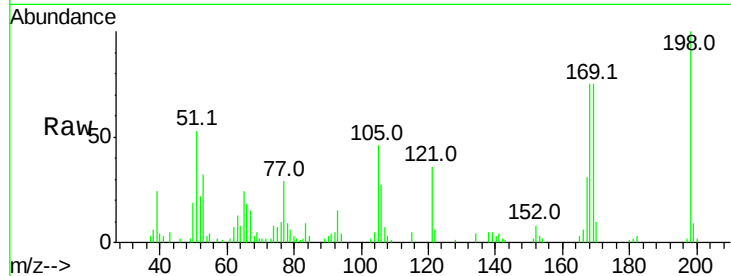
198 100

51 53.4 53.2 93.2

105 46.0 45.8 85.8

Manual Integrations
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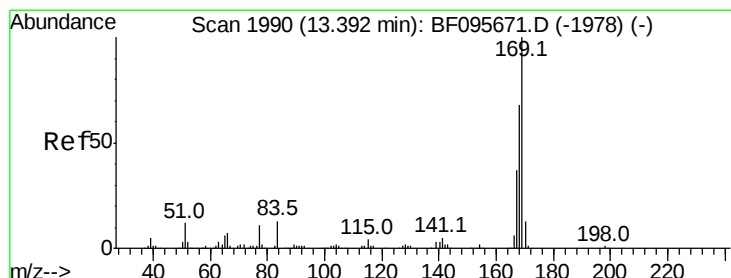
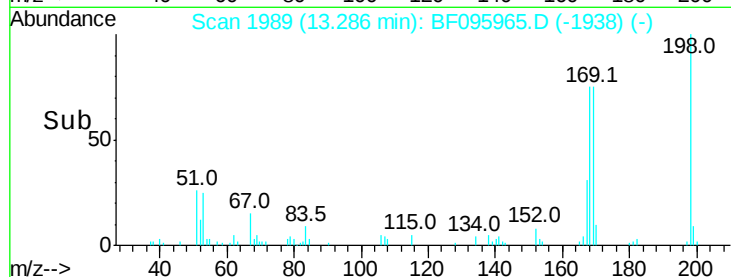
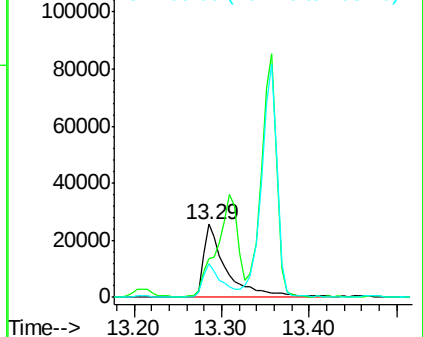
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 52.41 ng

RT: 13.32 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:169 Resp: 374982

Ion Ratio Lower Upper

169 100

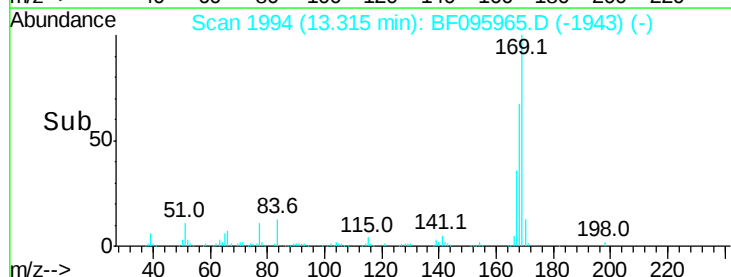
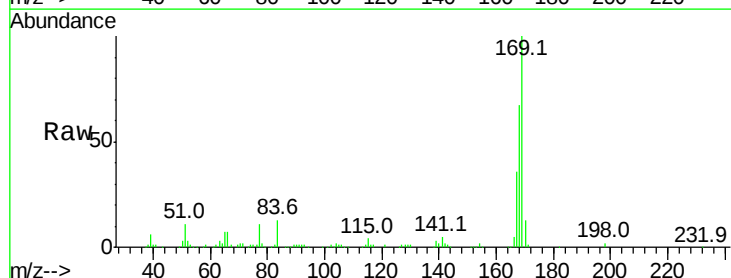
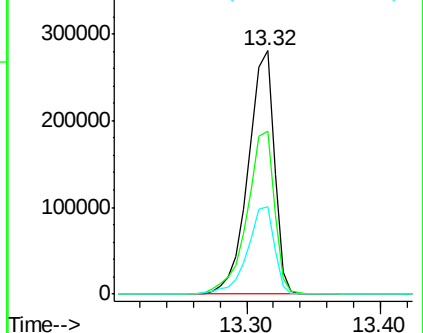
168 67.0 53.2 79.8

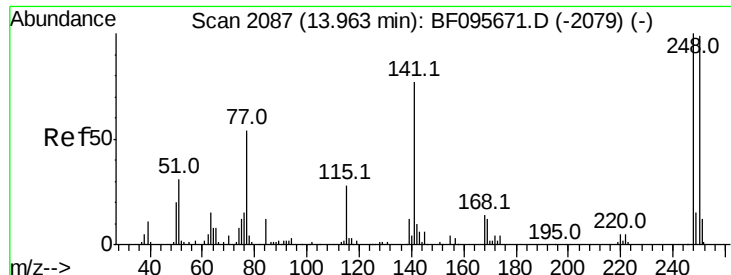
167 36.0 29.5 44.3

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





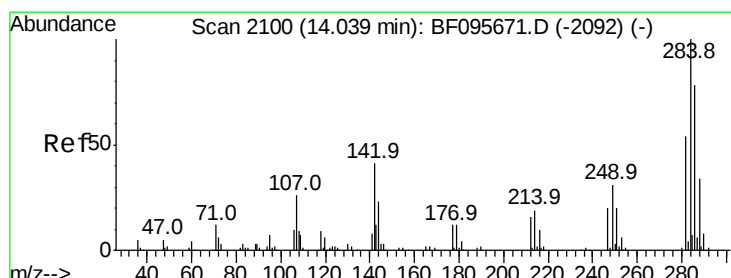
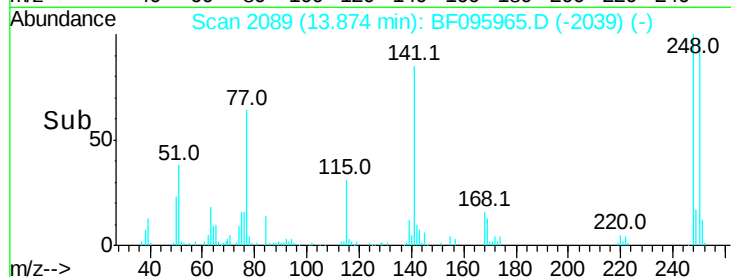
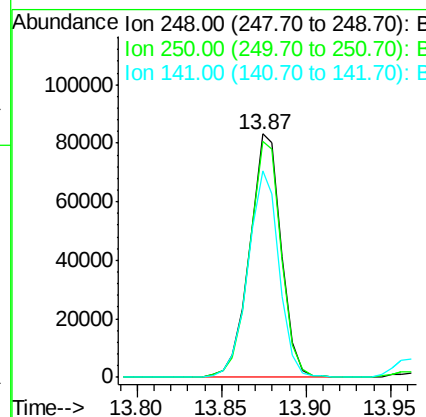
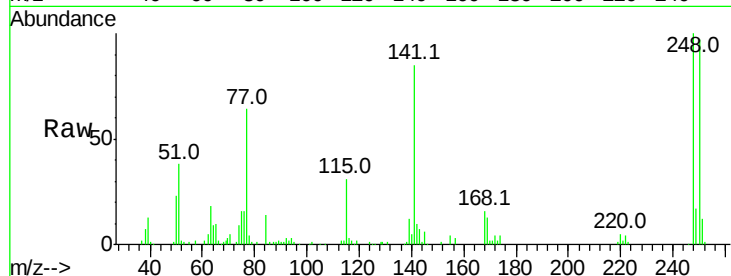
#66
4-Bromophenyl-phenylether
Concen: 52.28 ng
RT: 13.87 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.8	115.2
141	84.6	68.6	103.0

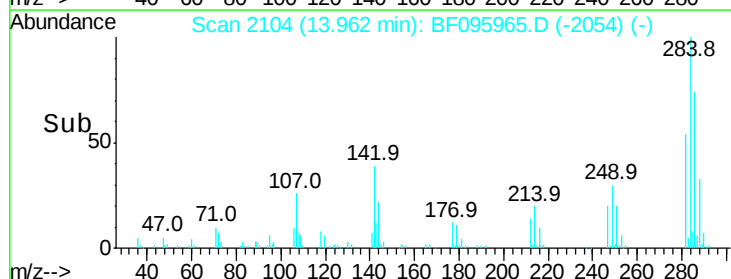
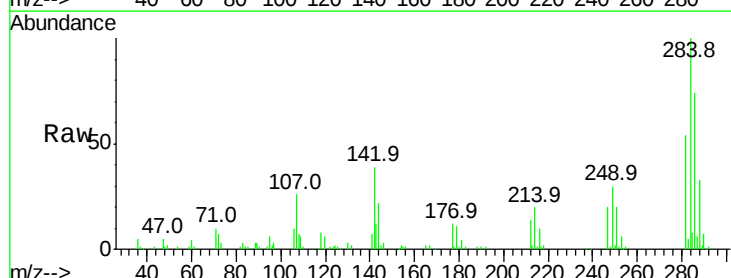
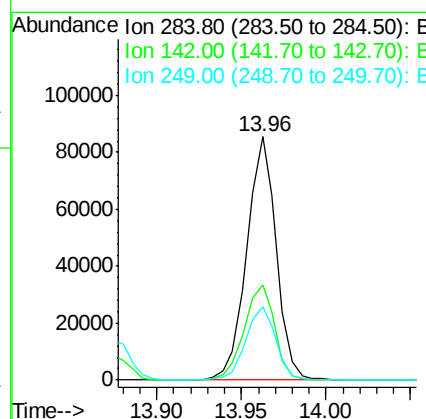
Manual Integrations
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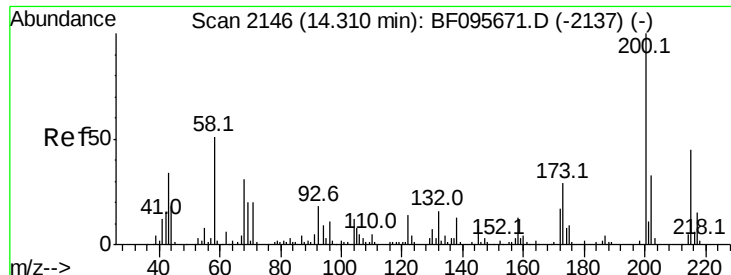
mohammad
6/19/2017 3:47:28 PM



#67
Hexachlorobenzene
Concen: 50.99 ng
RT: 13.96 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.8	34.2#
249	30.1	24.0	36.0





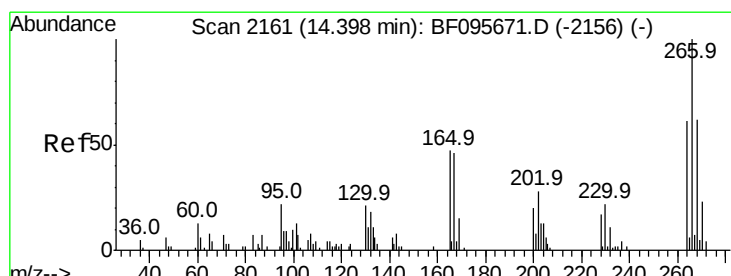
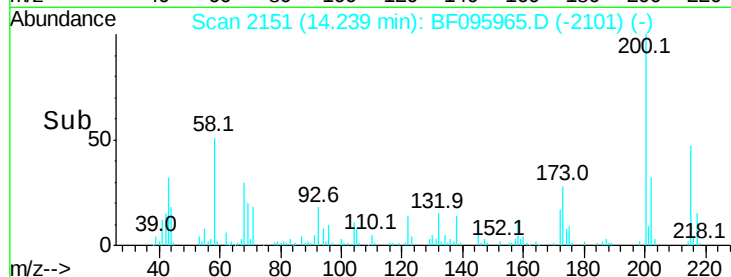
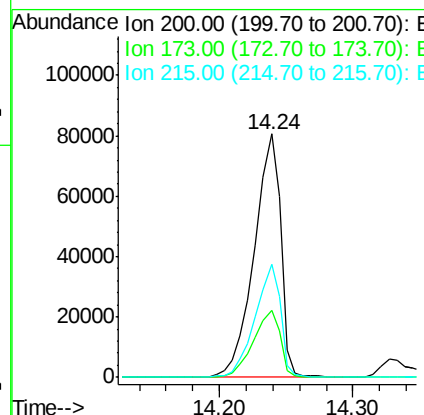
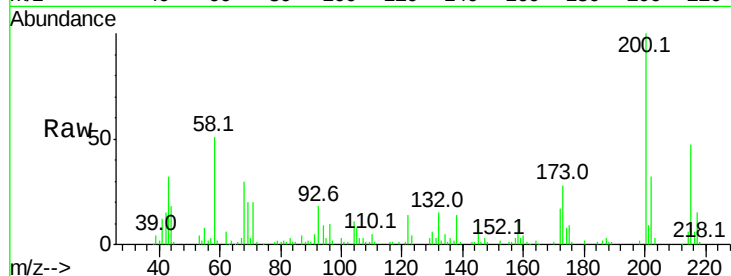
#68
Atrazine
Concen: 55.23 ng
RT: 14.24 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	109970		
173	27.6	6.3	46.3	
215	46.5	27.2	67.2	

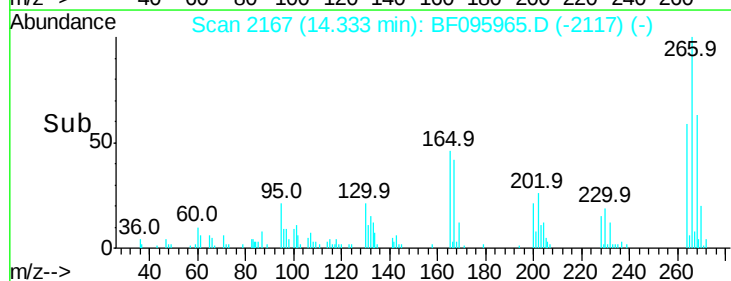
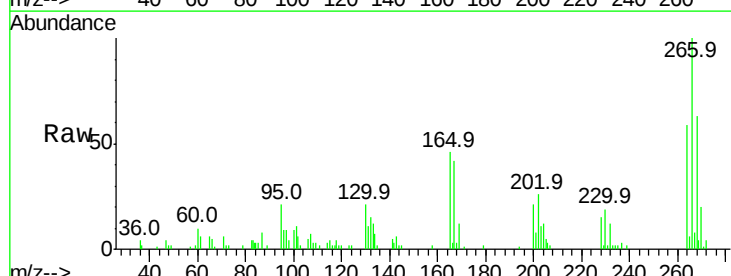
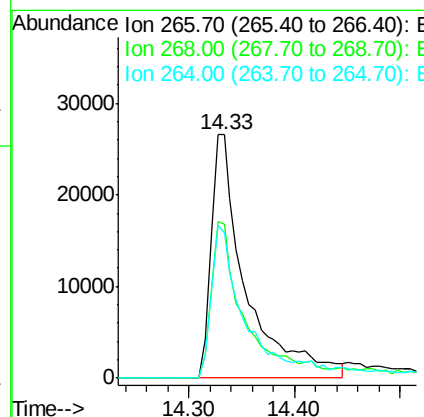
Manual Integrations
APPROVED

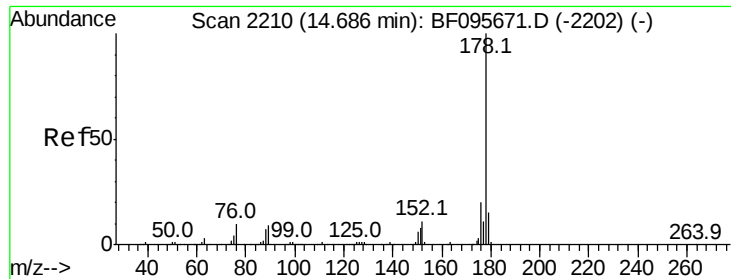
mohammad
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#69
Pentachlorophenol
Concen: 79.06 ng
RT: 14.33 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	61059		
268	63.0	51.1	76.7	
264	59.5	51.7	77.5	





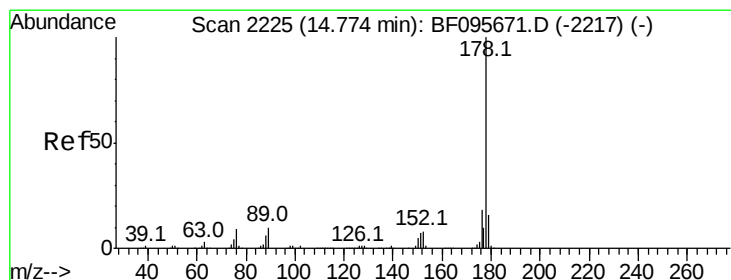
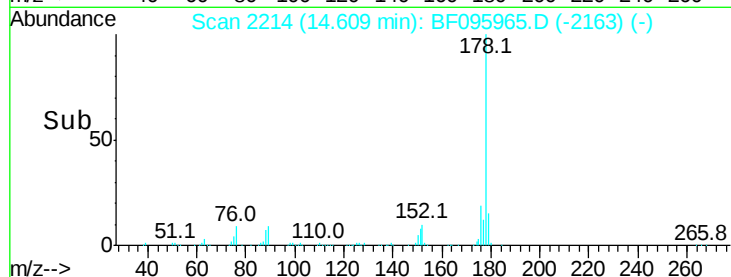
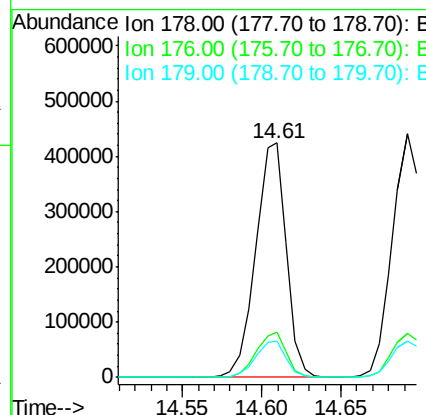
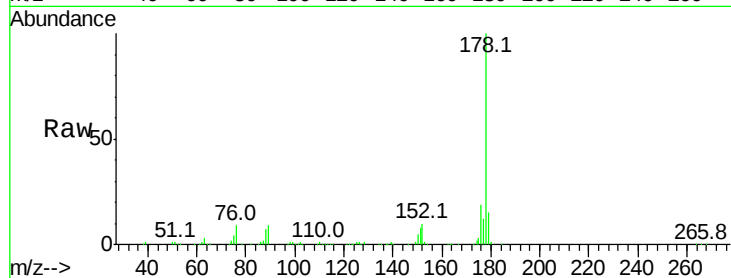
#70
Phenanthrene
Concen: 49.58 ng
RT: 14.61 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0

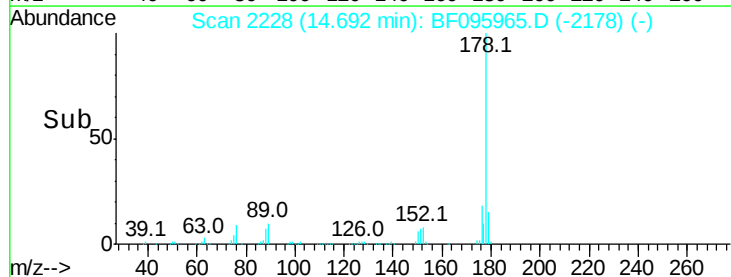
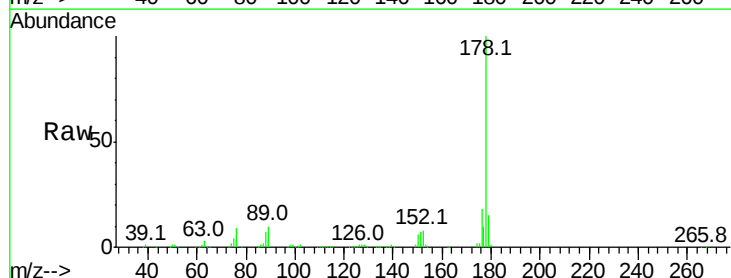
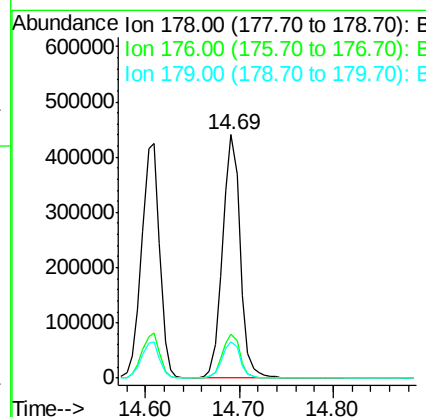
Manual Integrations
APPROVED

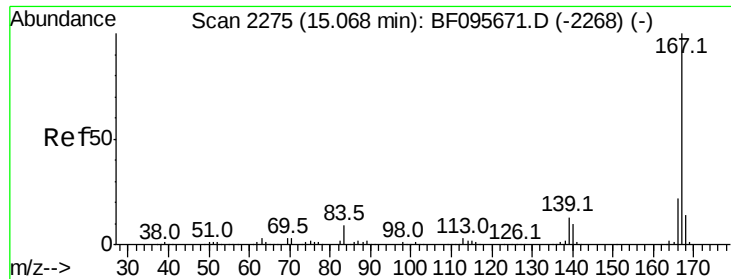
mohammad
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#71
Anthracene
Concen: 48.59 ng
RT: 14.69 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.9	12.7	19.1





#72

Carbazole

Concen: 45.96 ng

RT: 14.99 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

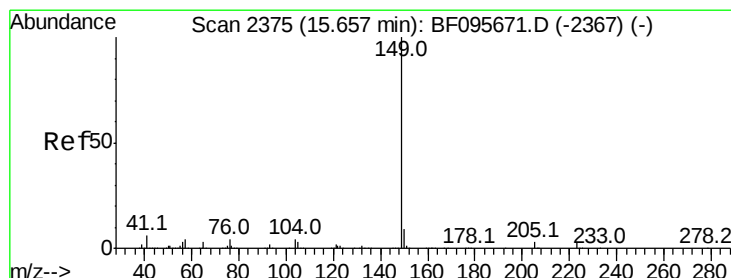
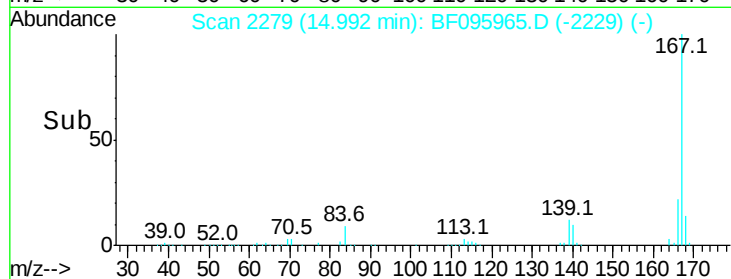
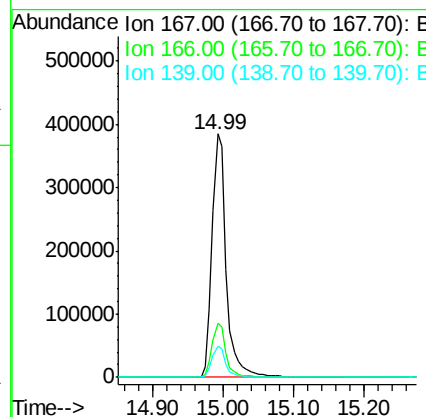
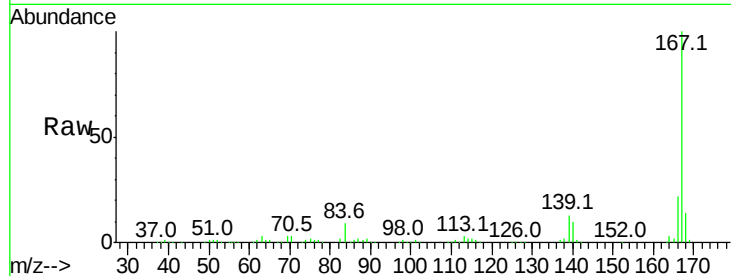
ClientSampleId :

SB-09-6-7MSD

Tot Ion:	167	Resp:	537182
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.1	27.1
139	12.8	11.7	17.5

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 52.53 ng

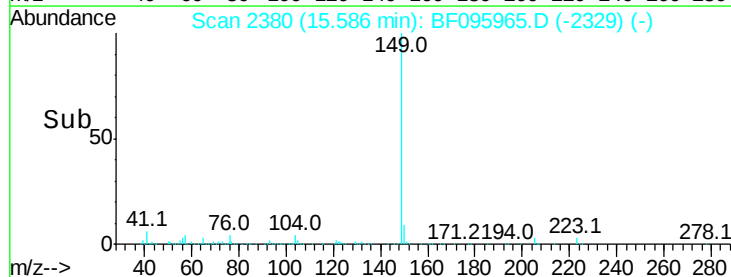
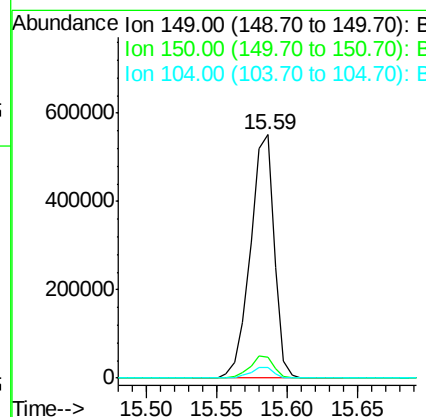
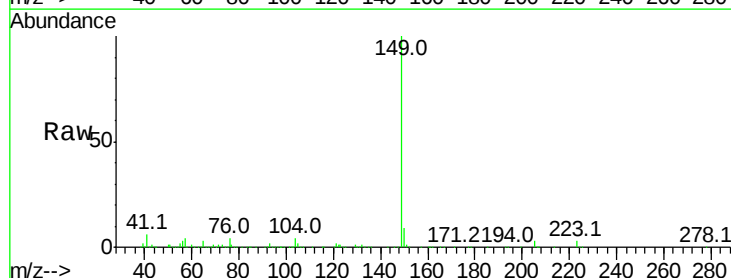
RT: 15.59 min Scan# 2380

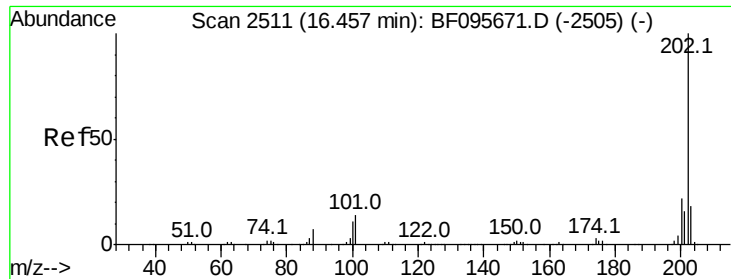
Delta R.T. 0.00 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	149	Resp:	653241
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.7	11.5
104	4.1	4.0	6.0





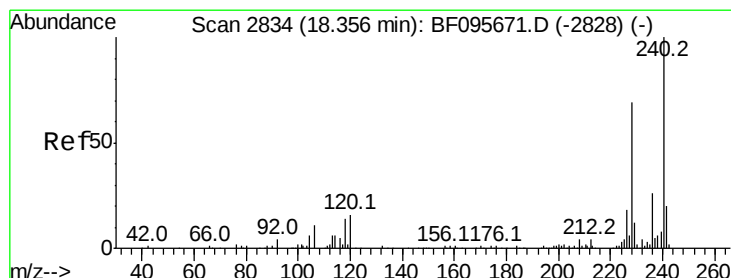
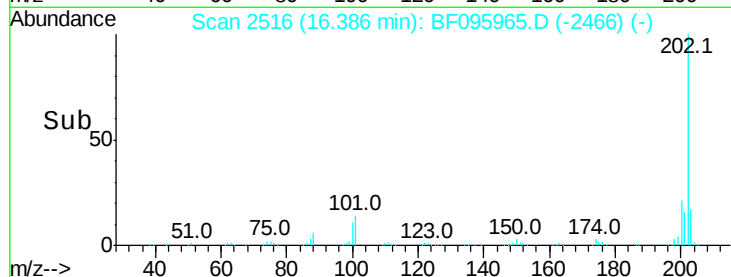
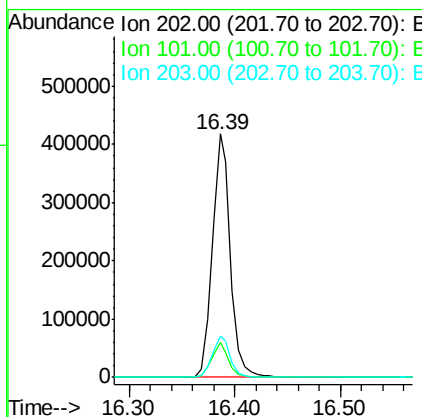
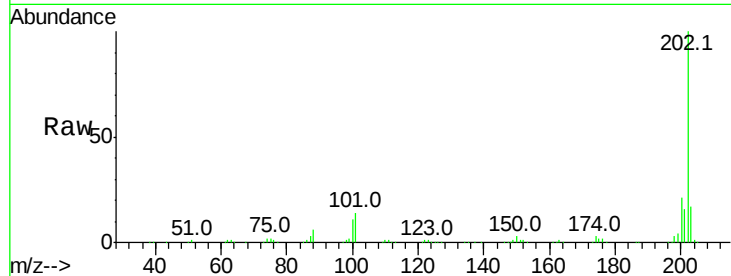
#74
 Fluoranthene
 Concen: 43.88 ng
 RT: 16.39 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-6-7MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.0	0.0	38.1

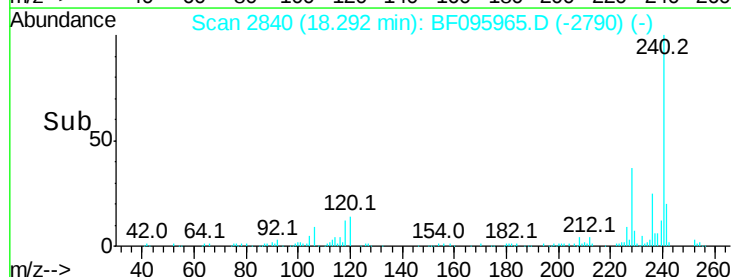
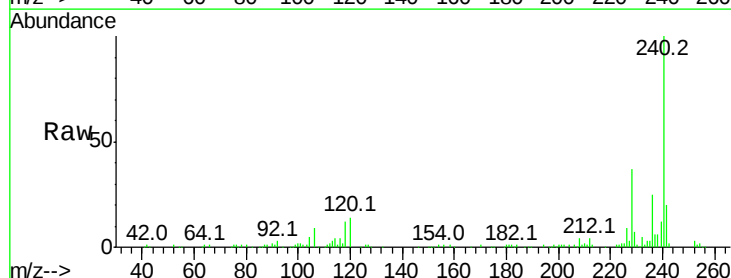
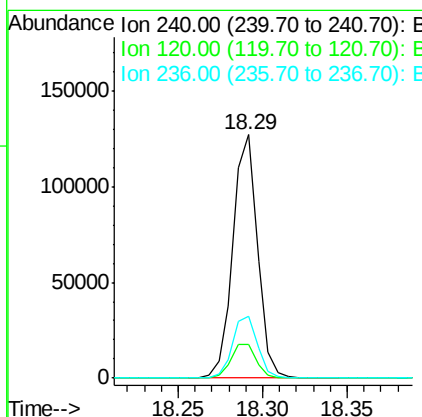
Manual Integrations
 APPROVED

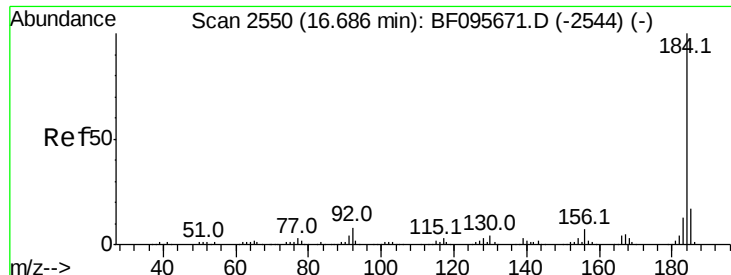
mohammad
 6/19/2017 3:47:28 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.5	20.5	30.7





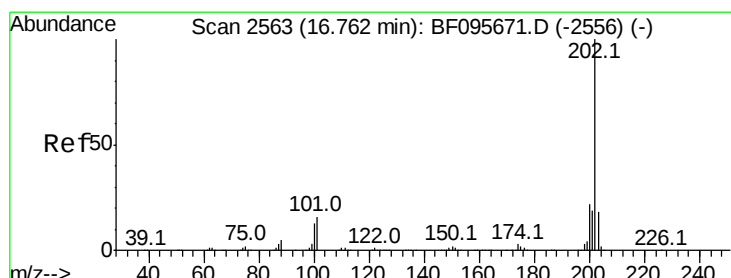
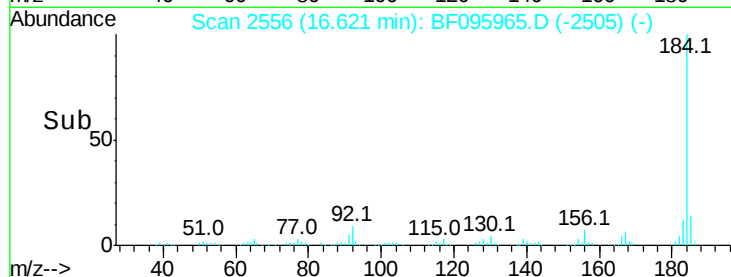
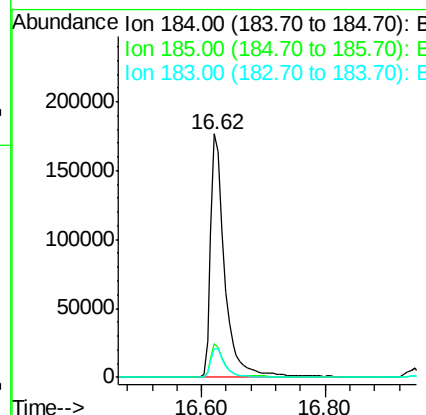
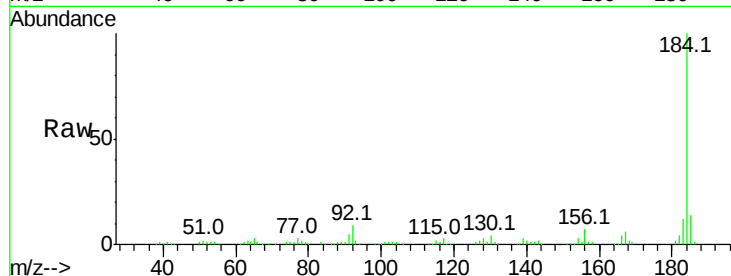
#76
Benzidine
Concen: 56.68 ng
RT: 16.62 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	15.5	23.3	
183	11.9	9.8	14.6	

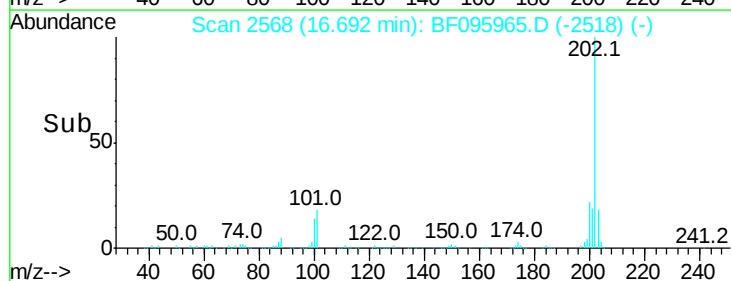
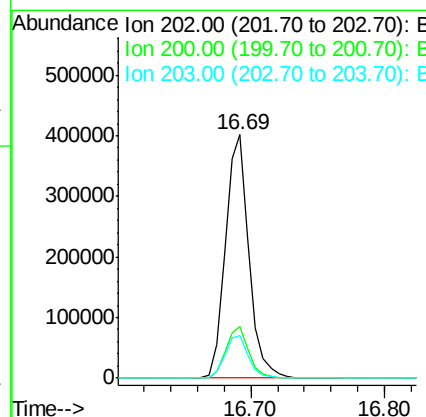
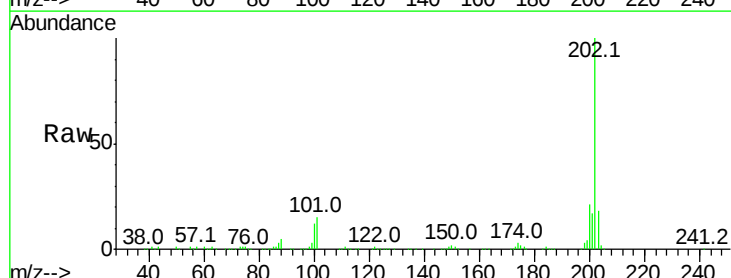
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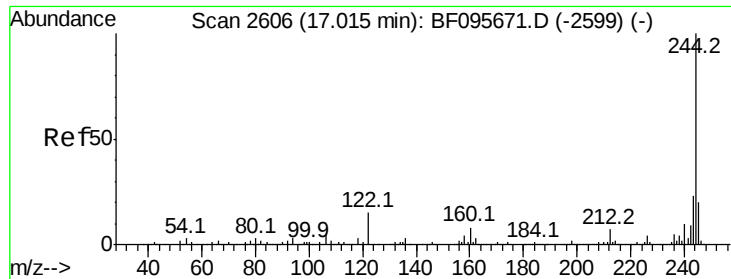
mohammad
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#77
Pyrene
Concen: 51.53 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.6	26.4	
203	17.7	14.4	21.6	





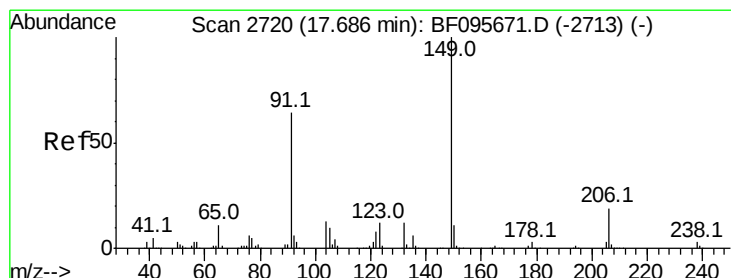
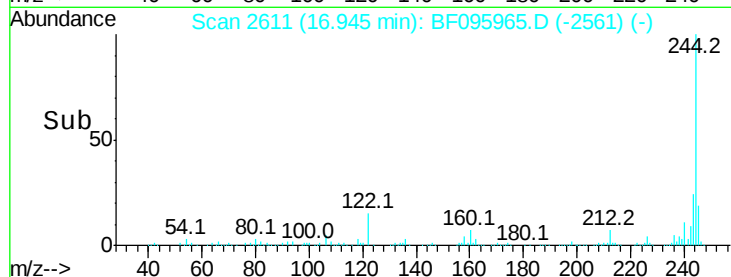
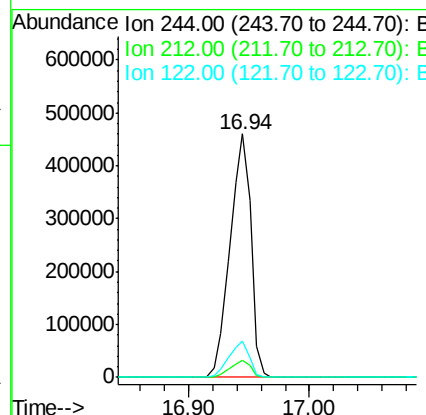
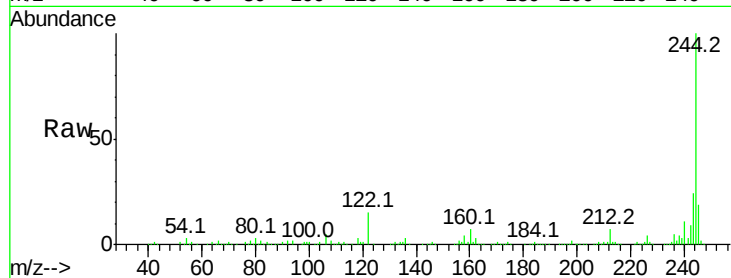
#78
 Terphenyl-d14
 Concen: 106.18 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-6-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	14.7	10.3	15.5	

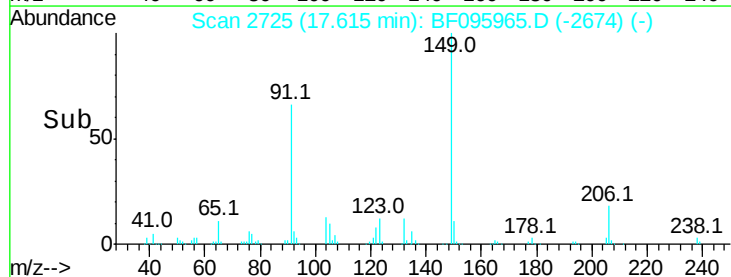
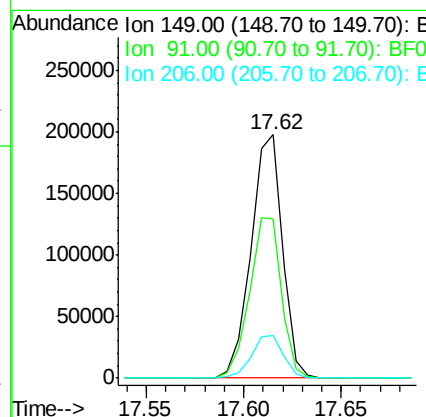
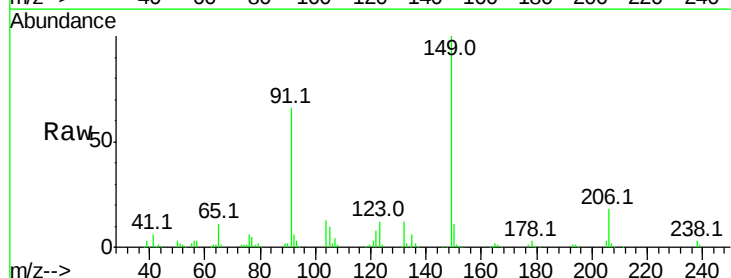
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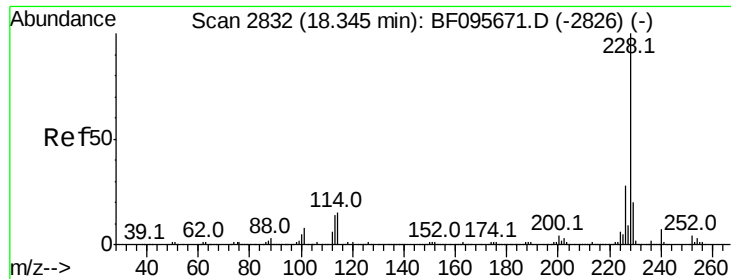
mohammad
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#79
 Butylbenzylphthalate
 Concen: 52.56 ng
 RT: 17.62 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: BF095965.D
 Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	65.6	45.0	67.4	
206	17.7	17.0	25.6	





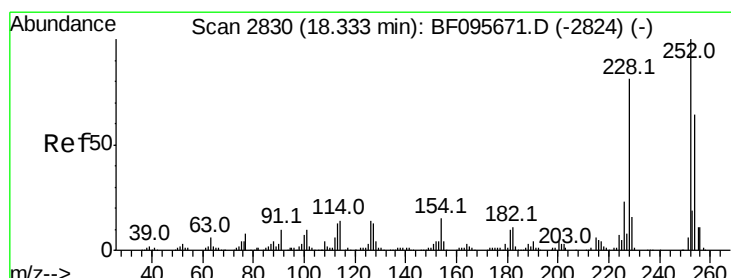
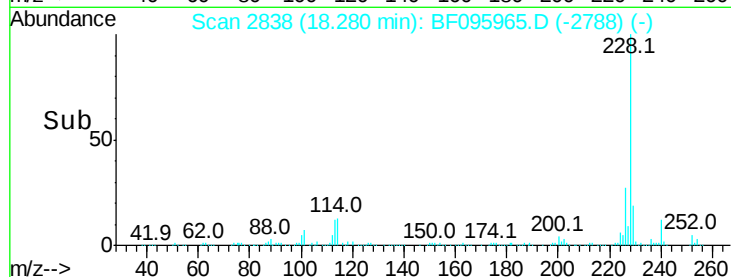
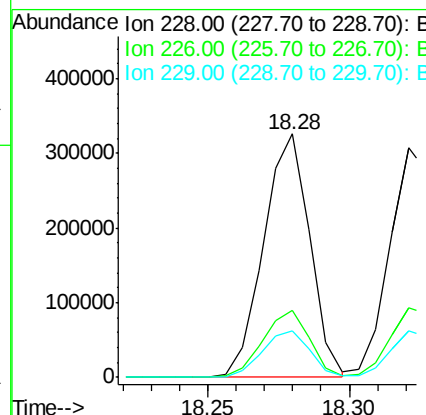
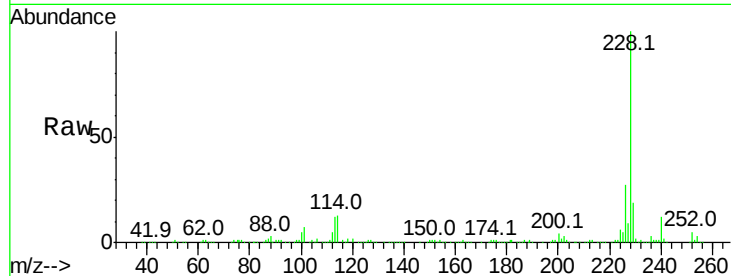
#80
Benzo(a)anthracene
Concen: 49.27 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.3	16.3	24.5

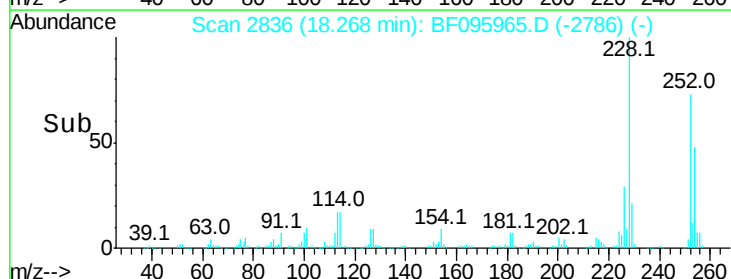
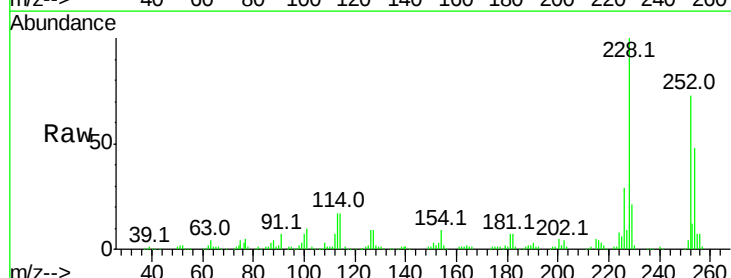
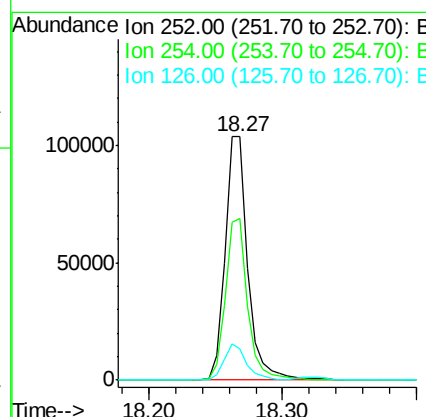
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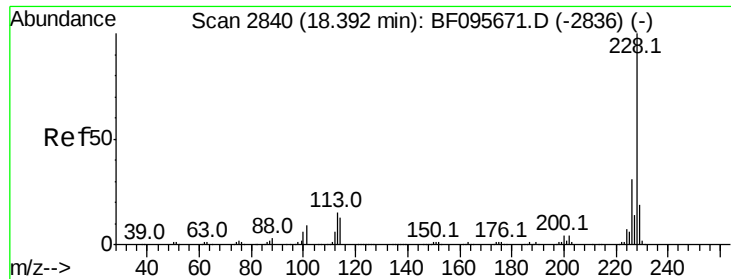
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#81
3,3'-Dichlorobenzidine
Concen: 46.88 ng
RT: 18.27 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.5	77.3
126	12.9	15.8	23.8





#82

Chrysene

Concen: 49.02 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

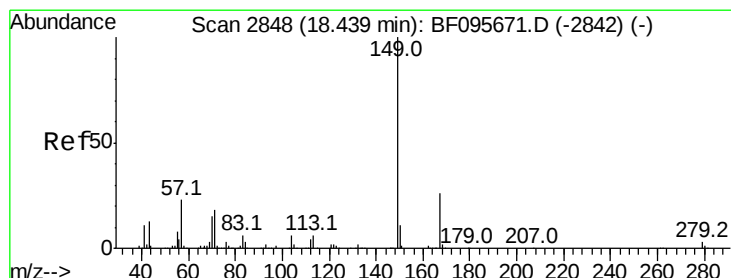
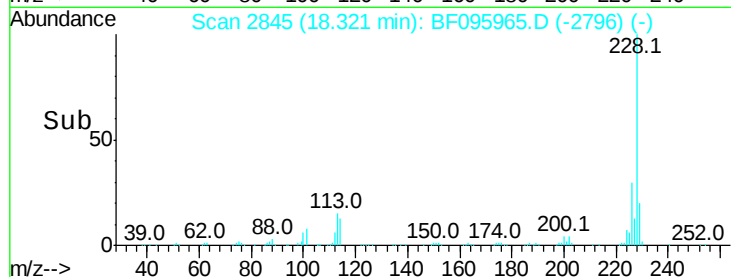
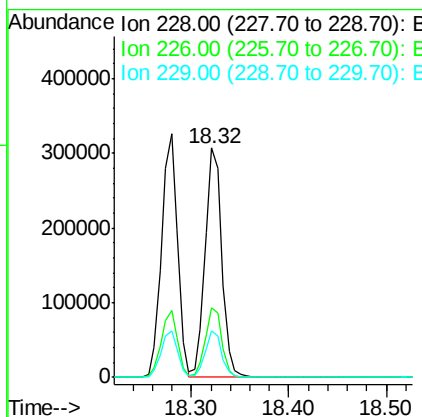
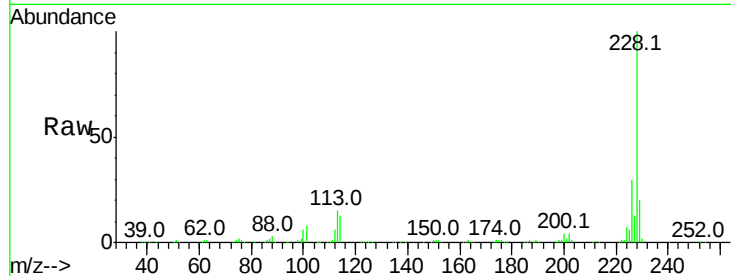
ClientSampleId :

SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.0	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 50.22 ng

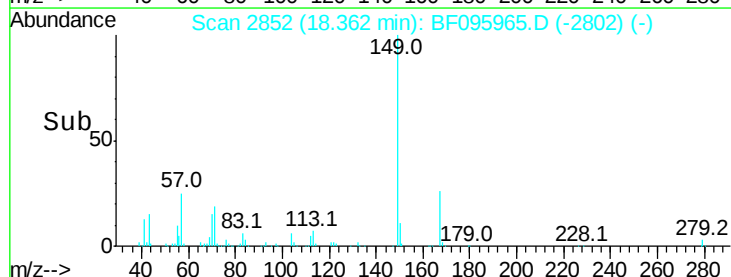
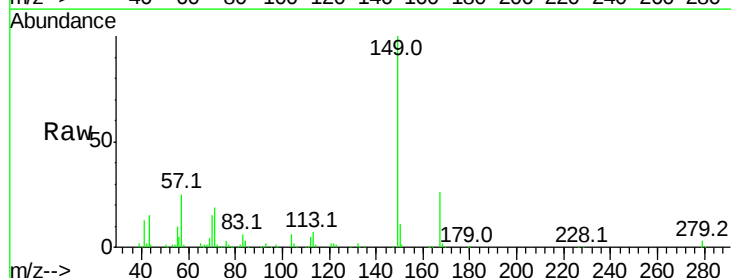
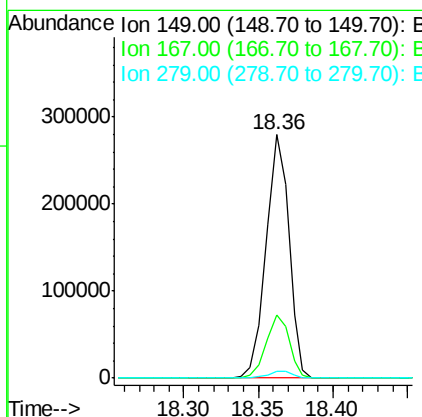
RT: 18.36 min Scan# 2852

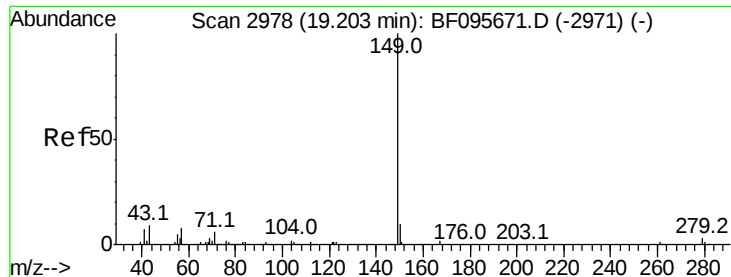
Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.8	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 49.41 ng

RT: 19.13 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Instrument :

BNA_F

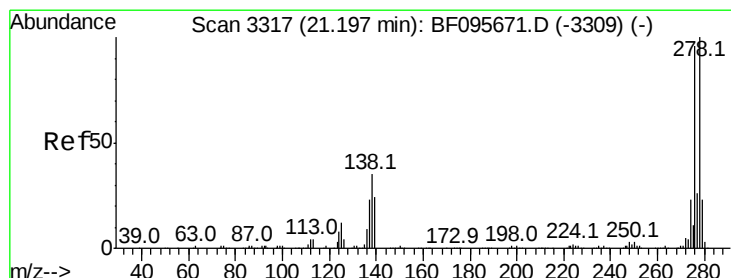
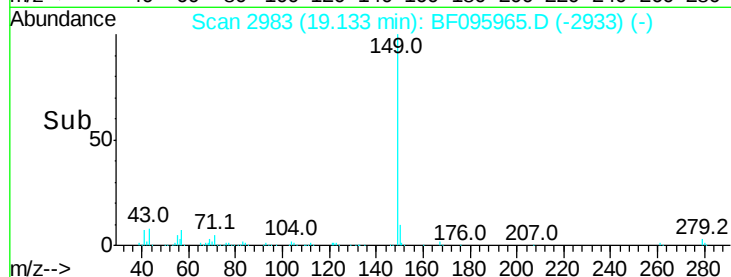
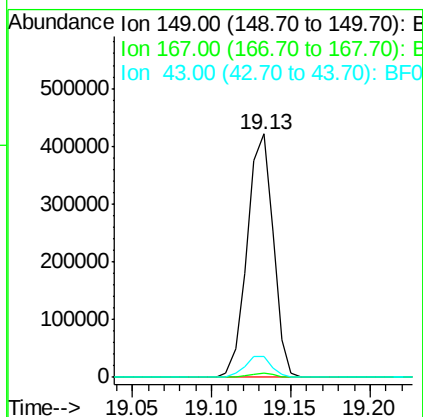
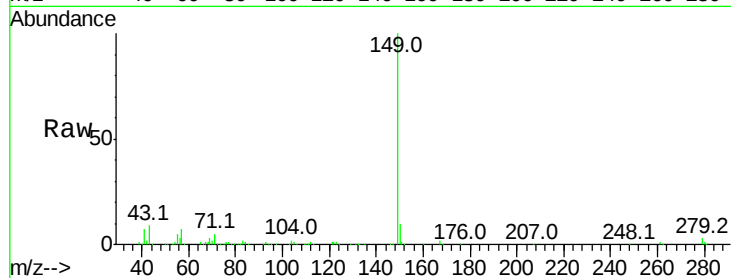
ClientSampleId :

SB-09-6-7MSD

Tot Ion:	149	Resp:	481158
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.1	8.5	12.7

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#85

Indeno(1,2,3-cd)pyrene

Concen: 56.29 ng

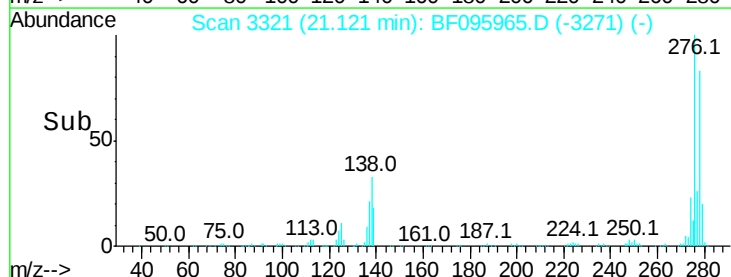
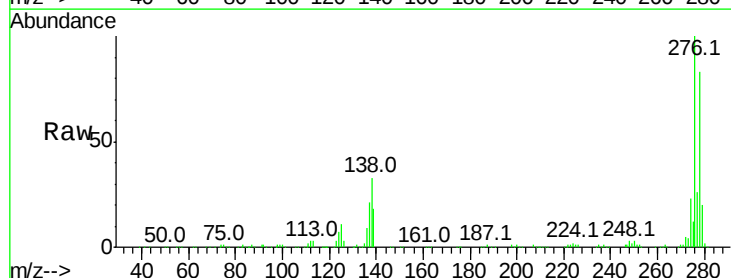
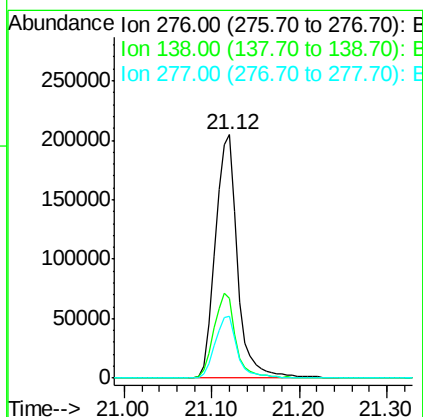
RT: 21.12 min Scan# 3321

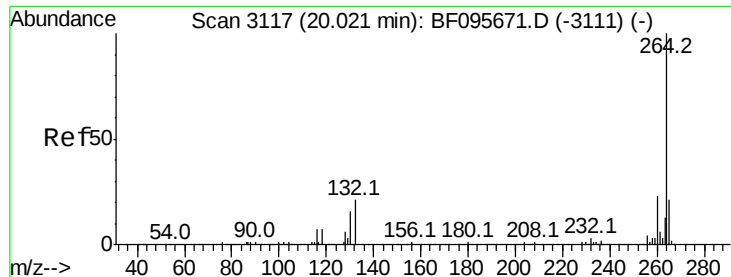
Delta R.T. -0.01 min

Lab File: BF095965.D

Acq: 16 Jun 2017 20:17

Tgt Ion:	276	Resp:	359735
Ion Ratio	Lower	Upper	
276	100		
138	34.6	27.8	41.6
277	25.6	20.2	30.4





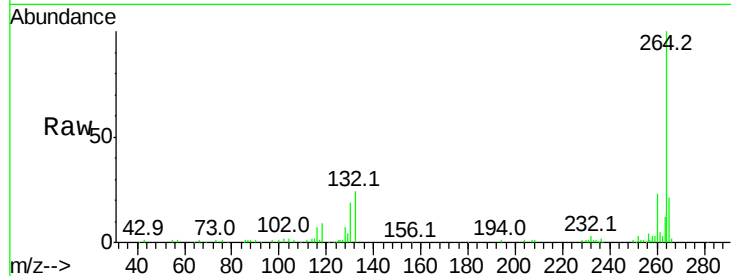
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8

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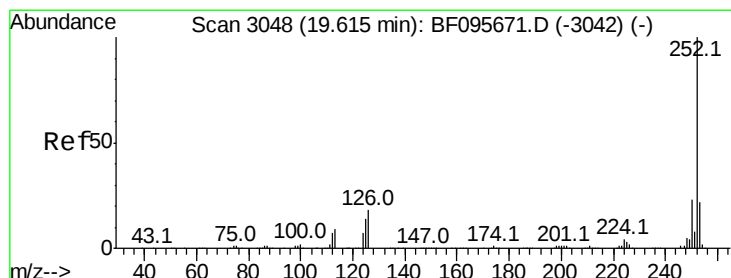
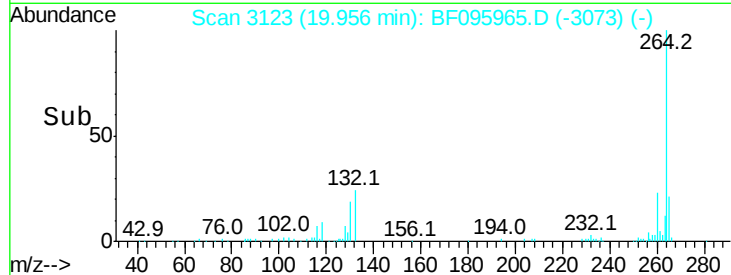
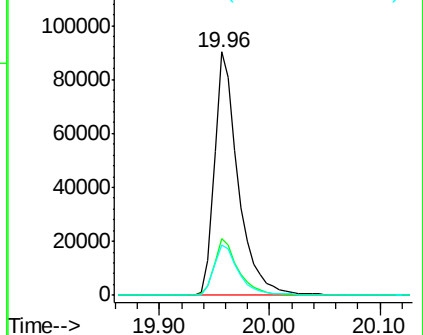


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 46.69 ng
RT: 19.56 min Scan# 3055
Delta R.T. 0.00 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

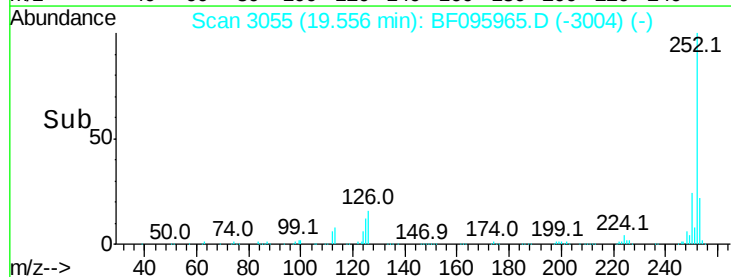
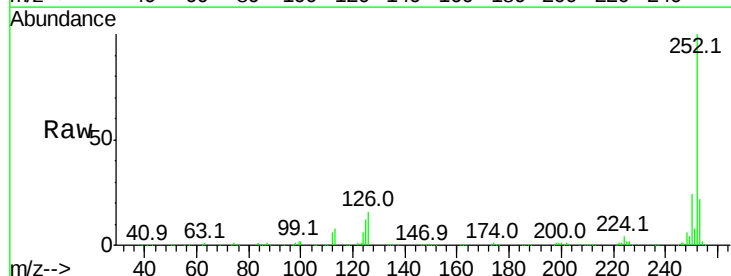
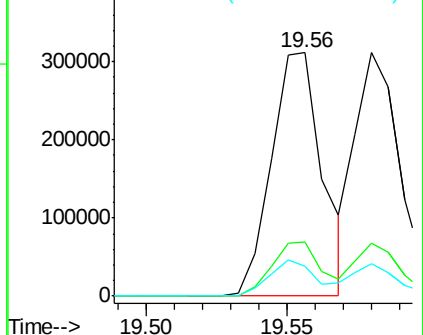
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.3	9.8	14.8

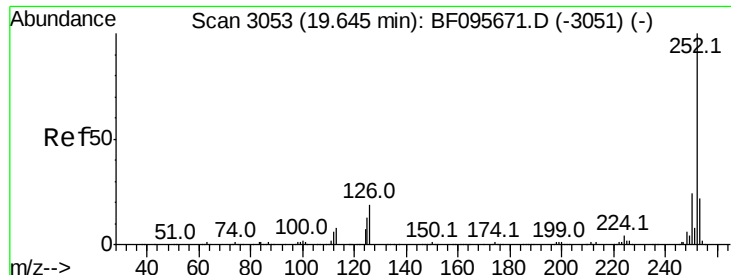
Abundance

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





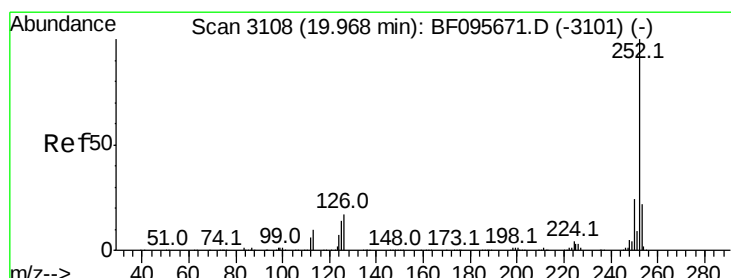
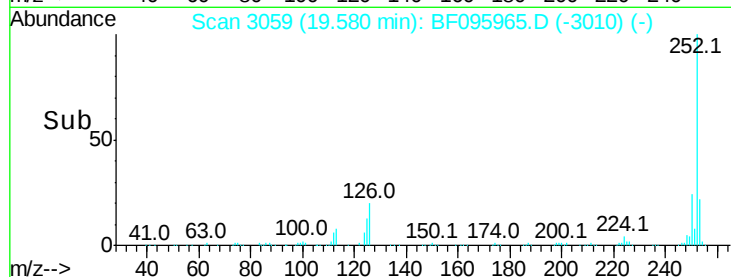
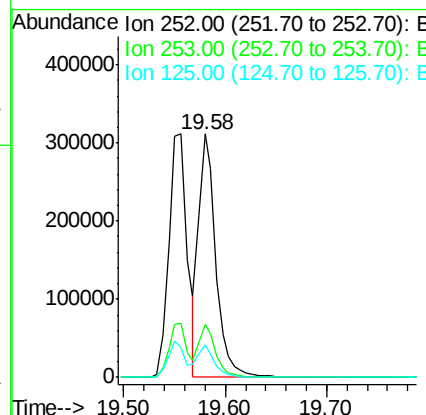
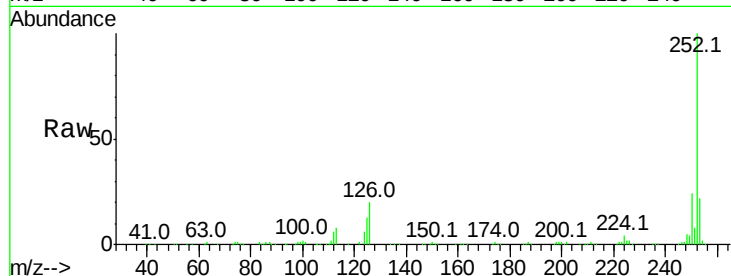
#88
Benzo(k)fluoranthene
Concen: 45.38 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.4	13.1	19.7

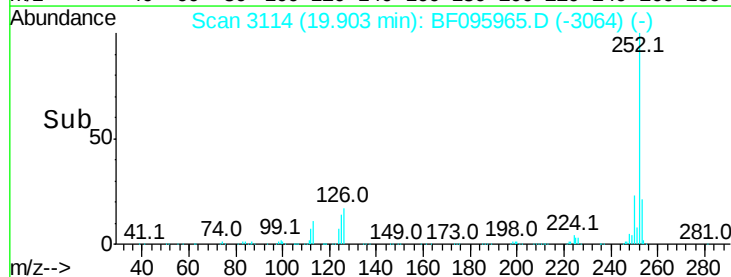
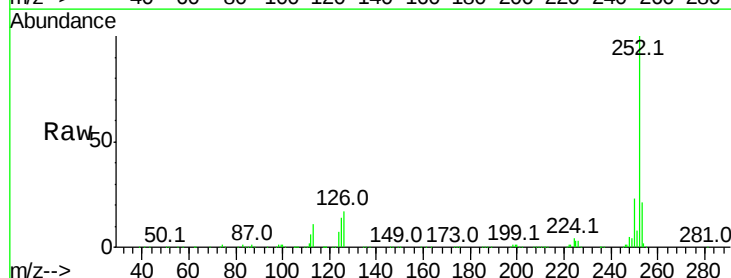
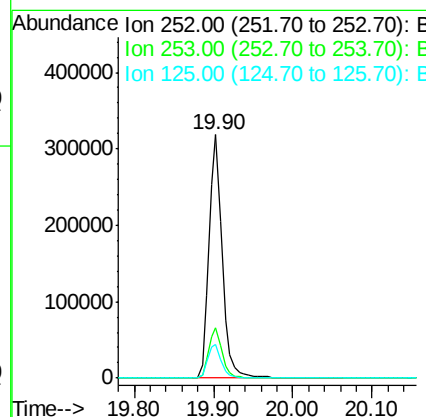
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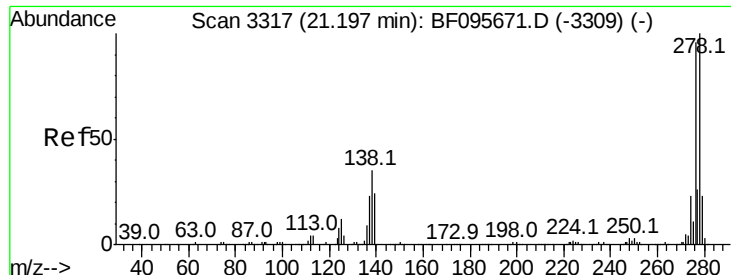
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#89
Benzo(a)pyrene
Concen: 48.57 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	13.9	11.0	16.4





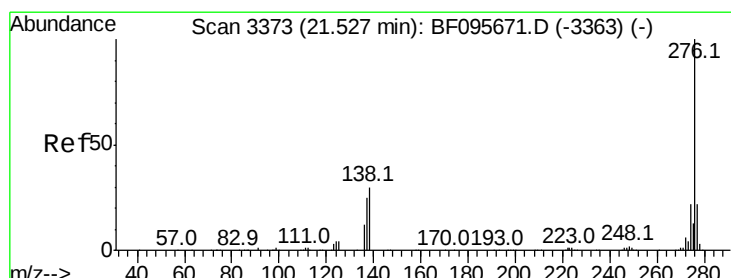
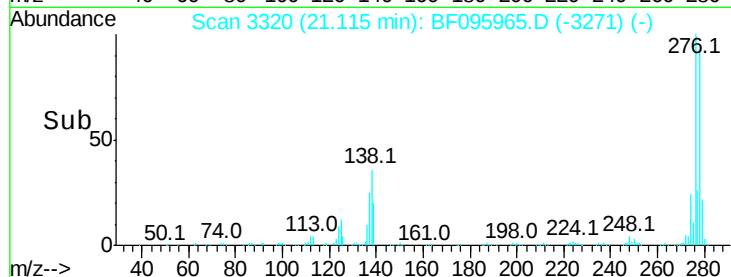
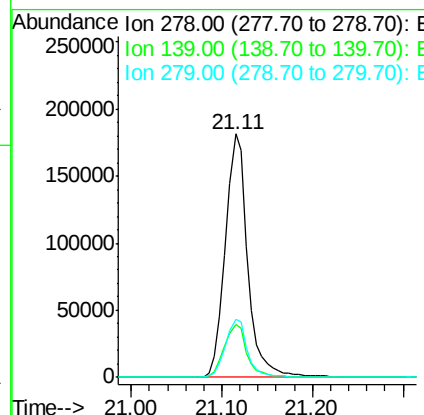
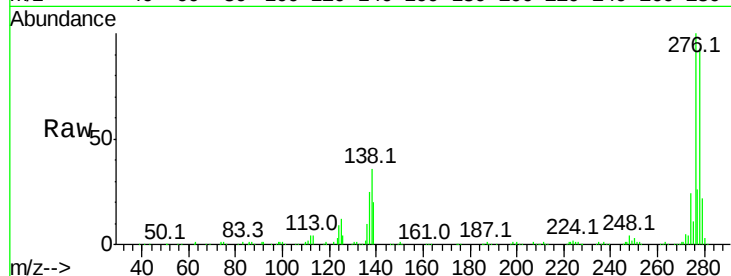
#90
Dibenzo(a,h)anthracene
Concen: 47.40 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	23.7	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 44.29 ng
RT: 21.44 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BF095965.D
Acq: 16 Jun 2017 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	29.7	25.4	38.0

