

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096596.D
 Acq On : 10 Jul 2017 13:02
 Operator : SJ/JU
 Sample : I4061-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Manual Integrations
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 7/11/2017 1:35:05 PM

Quant Time: Jul 11 02:04:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	125708	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	540651	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	245779	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	426005	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	276287	20.00	ng	-0.02
86) Perylene-d12	15.22	264	229672	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	975219	114.50	ng	0.00
7) Phenol-d6	6.33	99	1167293	111.48	ng	-0.01
23) Nitrobenzene-d5	7.25	82	779975	86.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	268024	139.61	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1348424	93.80	ng	-0.02
78) Terphenyl-d14	12.78	244	1083220	83.78	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	126596	31.35	ng	# 65
3) Pyridine	3.18	79	258349	23.32	ng	# 60
4) n-Nitrosodimethylamine	3.10	42	217056	39.69	ng	83
6) Aniline	6.35	93	120342m	8.89	ng	
8) 2-Chlorophenol	6.47	128	380574	41.90	ng	93
9) Benzaldehyde	6.23	77	64515	9.85	ng	96
10) Phenol	6.35	94	423199	35.48	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	390580m	42.37	ng	
12) 1,3-Dichlorobenzene	6.63	146	368193	38.66	ng	99
13) 1,4-Dichlorobenzene	6.70	146	371797	39.06	ng	97
14) 1,2-Dichlorobenzene	6.86	146	345443	39.53	ng	98
15) Benzyl Alcohol	6.83	79	314331	44.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	804500	42.93	ng	94
17) 2-Methylphenol	6.95	107	324155	44.78	ng	99
18) Hexachloroethane	7.20	117	133662	38.73	ng	# 83
19) n-Nitroso-di-n-propylamine	7.11	70	267402	42.87	ng	# 86
20) 3+4-Methylphenols	7.10	107	377091	46.71	ng	# 87
22) Acetophenone	7.10	105	513299	43.45	ng	# 95
24) Nitrobenzene	7.27	77	396652	42.02	ng	92
25) Isophorone	7.51	82	758998	43.51	ng	98
26) 2-Nitrophenol	7.59	139	227590	45.56	ng	93
27) 2,4-Dimethylphenol	7.63	122	370823	43.59	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	507114	44.04	ng	99
29) 2,4-Dichlorophenol	7.83	162	339114	46.21	ng	95
30) 1,2,4-Trichlorobenzene	7.91	180	301196	43.51	ng	97
31) Naphthalene	7.99	128	1150329	45.07	ng	100
32) Benzoic acid	7.77	122	281386	39.39	ng	88
33) 4-Chloroaniline	8.04	127	89108	8.41	ng	93
34) Hexachlorobutadiene	8.11	225	150374	42.35	ng	97
35) Caprolactam	8.42	113	107777m	42.59	ng	
36) 4-Chloro-3-methylphenol	8.53	107	373982	46.05	ng	90
37) 2-Methylnaphthalene	8.68	142	792395	48.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	254862	39.94	ng	98
40) Hexachlorocyclopentadiene	8.84	237	262375	84.56	ng	98

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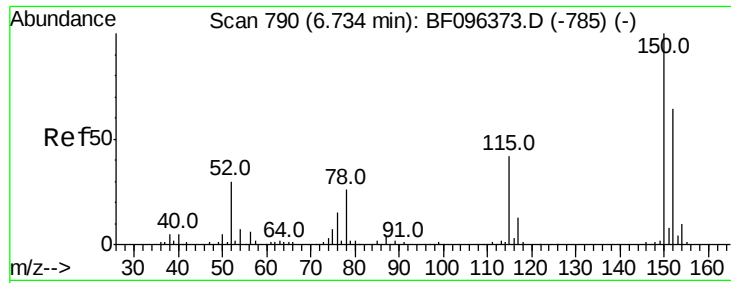
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	222657	44.10	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	228450	45.77	nq	98
45) 1,1'-Biphenyl	9.15	154	877943	41.69	nq	98
46) 2-Chloronaphthalene	9.17	162	681705	43.44	nq	94
47) 2-Nitroaniline	9.26	65	262004	45.88	nq	92
48) Acenaphthylene	9.58	152	1104770	44.43	nq	99
49) Dimethylphthalate	9.45	163	858193	46.77	nq	100
50) 2,6-Dinitrotoluene	9.51	165	192382	47.42	nq	# 91
51) Acenaphthene	9.75	154	648768	42.32	nq	100
52) 3-Nitroaniline	9.67	138	96291	19.03	nq	90
53) 2,4-Dinitrophenol	9.79	184	207775	96.42	nq	# 74
54) Dibenzofuran	9.93	168	966073	47.74	nq	99
55) 4-Nitrophenol	9.85	139	318552	75.95	nq	# 70
56) 2,4-Dinitrotoluene	9.92	165	252633	49.17	nq	# 83
57) Fluorene	10.27	166	700361	49.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	180904	52.38	nq	97
59) Diethylphthalate	10.15	149	823781	47.50	nq	100
60) 4-Chlorophenyl-phenylether	10.26	204	288041	46.32	nq	94
61) 4-Nitroaniline	10.29	138	193638	42.08	nq	90
62) Azobenzene	10.42	77	795564	47.44	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	133992	45.61	nq	89
65) n-Nitrosodiphenylamine	10.38	169	654651	43.80	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	195255	47.08	nq	94
67) Hexachlorobenzene	10.82	284	201891	44.47	nq	# 87
68) Atrazine	10.91	200	175524	41.10	nq	94
69) Pentachlorophenol	11.01	266	220179	81.84	nq	99
70) Phenanthrene	11.22	178	1065820	46.28	nq	99
71) Anthracene	11.27	178	1085927	46.27	nq	99
72) Carbazole	11.43	167	1019036	43.18	nq	99
73) Di-n-butylphthalate	11.77	149	1264439	44.23	nq	98
74) Fluoranthene	12.40	202	1055690	46.76	nq	98
76) Benzidine	12.52	184	57014	4.30	nq	95
77) Pyrene	12.63	202	1078954	48.65	nq	99
79) Butylbenzylphthalate	13.26	149	532640	47.45	nq	# 79
80) Benzo(a)anthracene	13.82	228	763682	47.73	nq	98
81) 3,3'-Dichlorobenzidine	13.78	252	130823	19.91	nq	# 96
82) Chrysene	13.86	228	796030	47.51	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	598968	47.80	nq	99
84) Di-n-octyl phthalate	14.43	149	1215710	49.26	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	601626	45.49	nq	97
87) Benzo(b)fluoranthene	14.83	252	720967	50.10	nq	98
88) Benzo(k)fluoranthene	14.86	252	615831m	47.84	nq	
89) Benzo(a)pyrene	15.17	252	613520	47.75	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	486749	48.16	nq	97
91) Benzo(g,h,i)perylene	16.96	276	516097	49.27	nq	99

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



#1

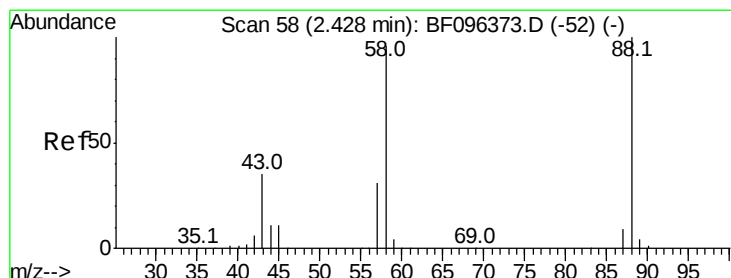
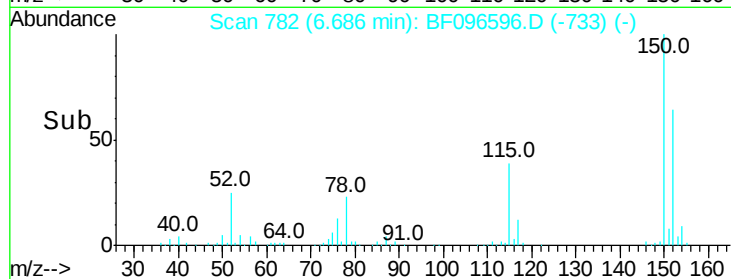
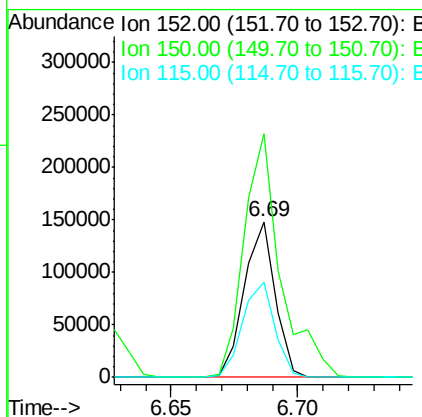
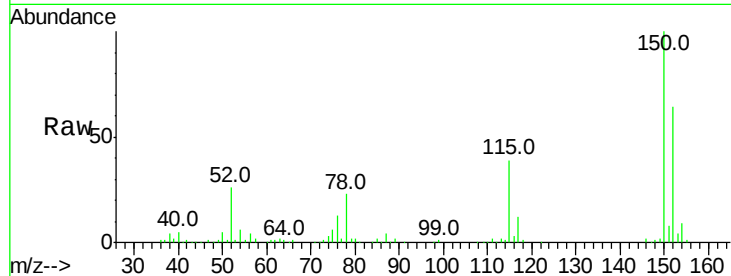
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	61.3	52.2	78.2

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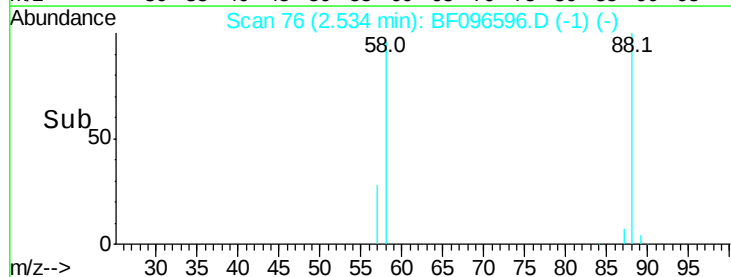
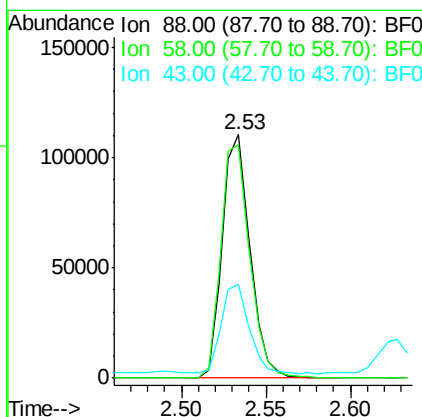
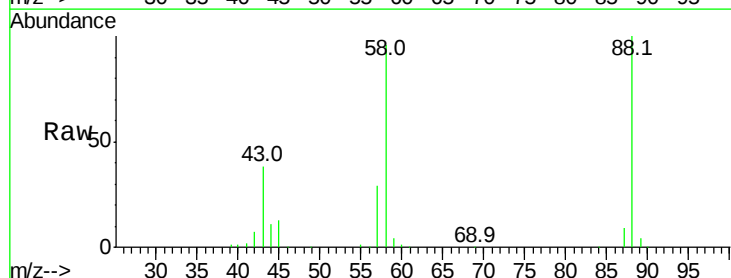
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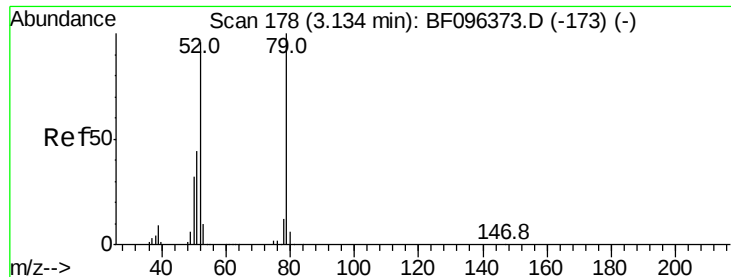


#2

1,4-Dioxane
Concen: 31.35 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.17 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	61.4	92.0#
43	0.0	23.4	35.0#





#3

Pvridine

Concen: 23.32 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.13 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

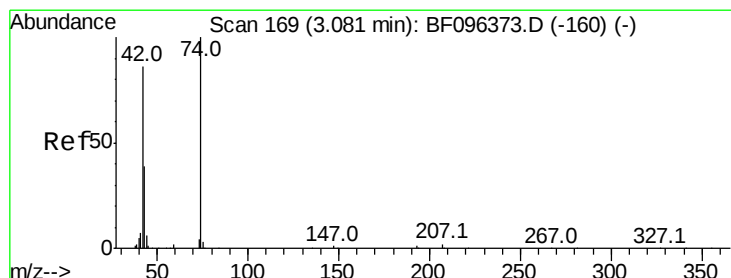
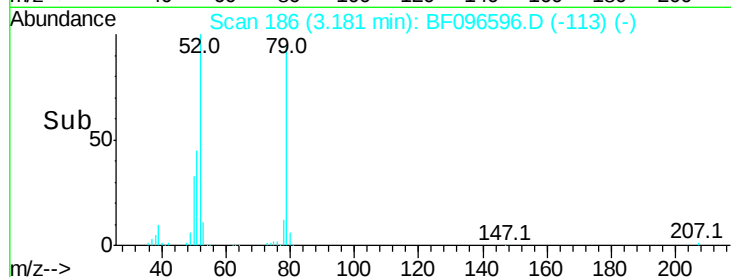
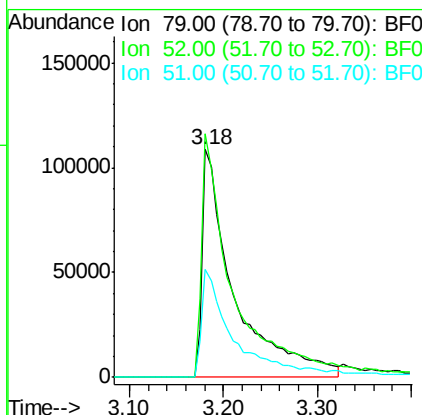
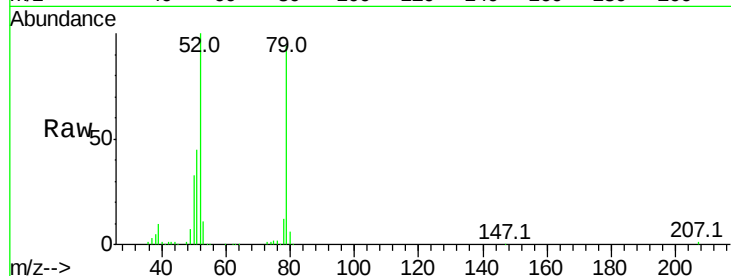
ClientSampleId :

SP-1-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	106.9	54.8	82.2#	
51	47.6	27.0	40.4#	

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#4

n-Nitrosodimethylamine

Concen: 39.69 ng

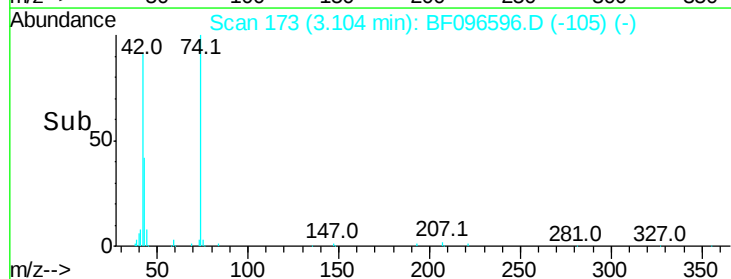
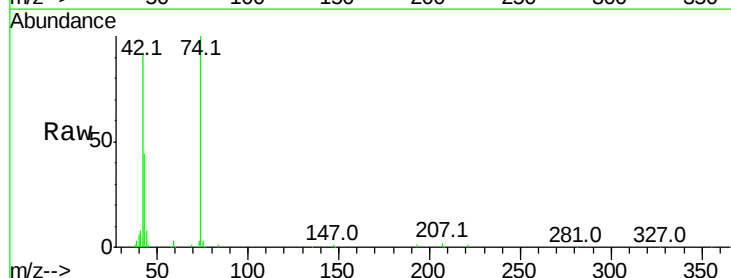
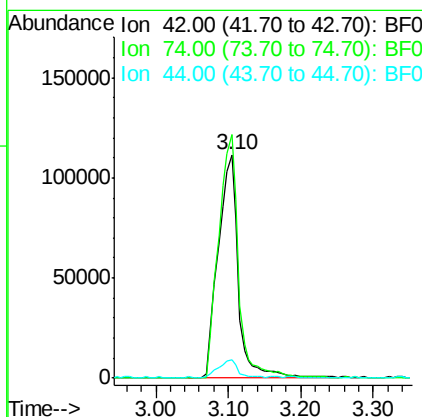
RT: 3.10 min Scan# 173

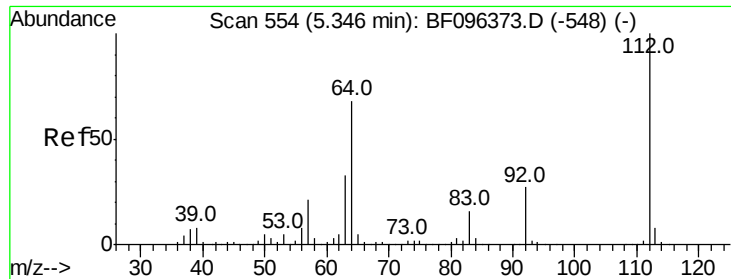
Delta R.T. 0.10 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	109.1	103.9	155.9	
44	8.2	5.7	8.5	





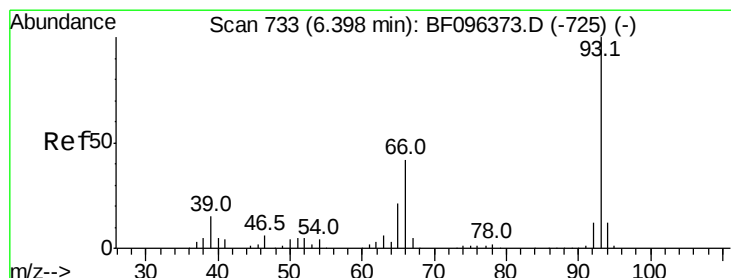
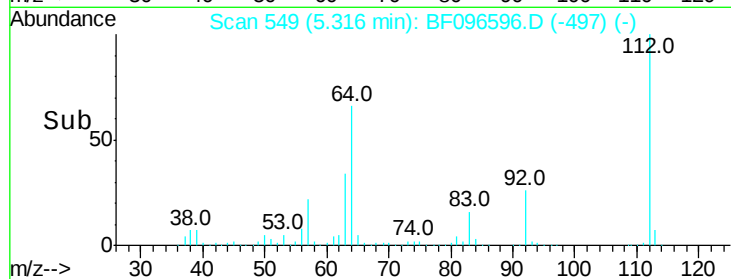
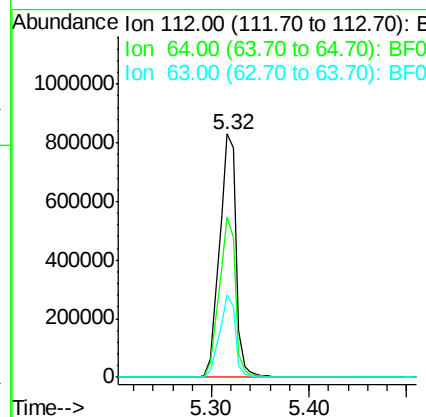
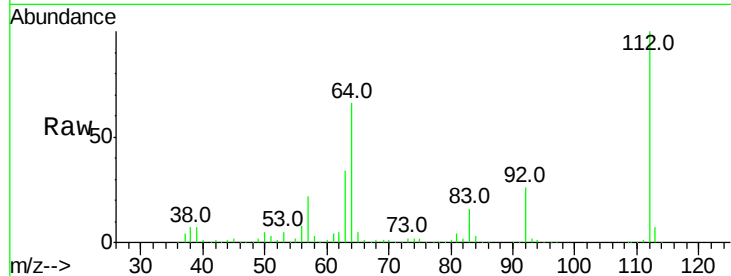
#5
 2-Fluorophenol
 Concen: 114.50 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampled :
 SP-1-AMSD

Tot Ion:	112	Resp:	975219
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.0	69.0
63	33.7	23.4	35.0

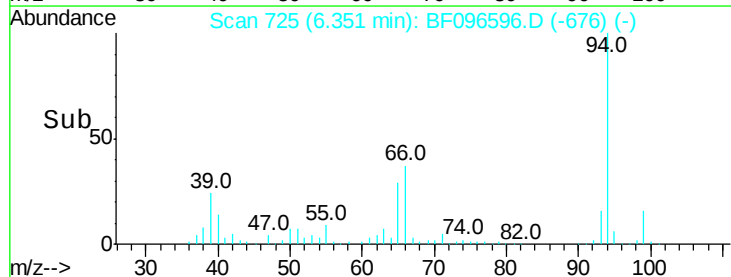
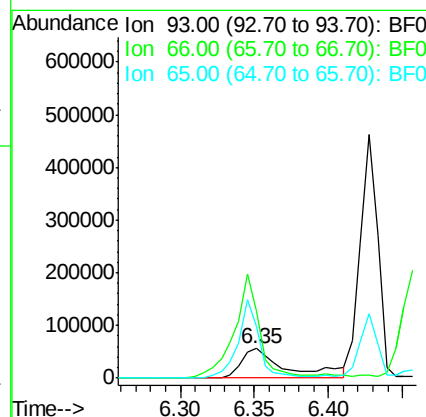
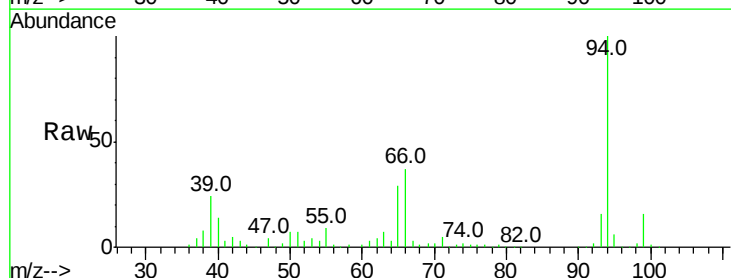
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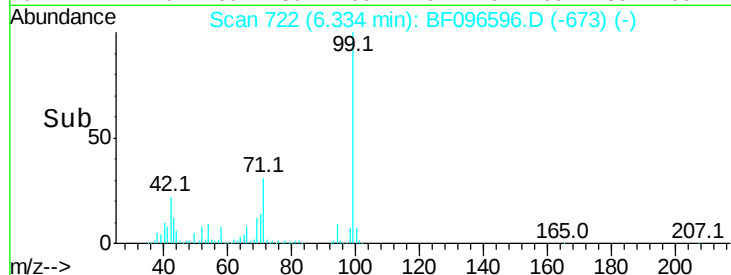
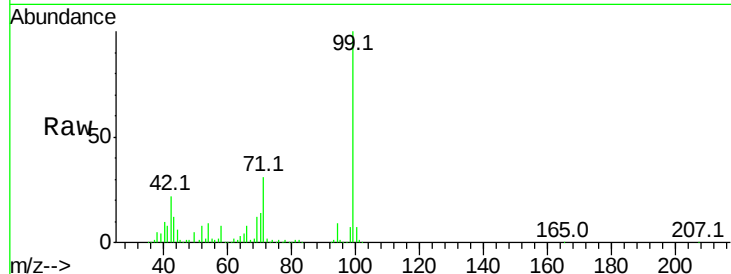
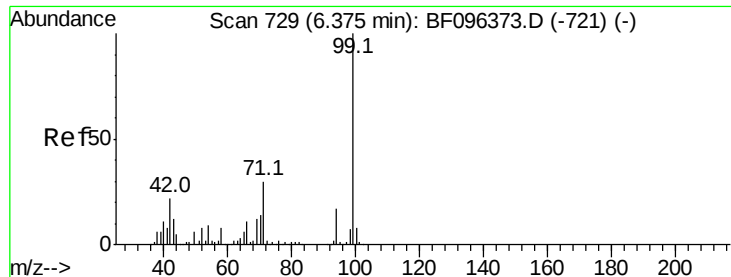
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#6
 Aniline
 Concen: 8.89 ng m
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:	93	Resp:	120342
Ion Ratio	Lower	Upper	
93	100		
66	226.8	32.9	49.3#
65	175.6	16.0	24.0#





#7

Phenol-d6

Concen: 111.48 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tot Ion: 99 Resp: 1167293

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

71 31.4 24.5 36.7

Instrument :

BNA_F

ClientSampled :

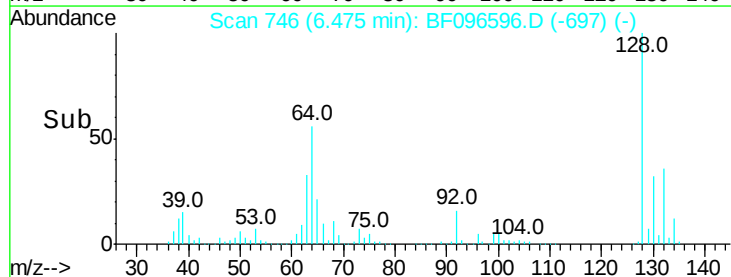
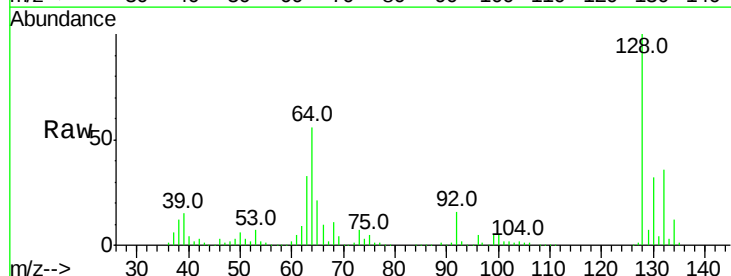
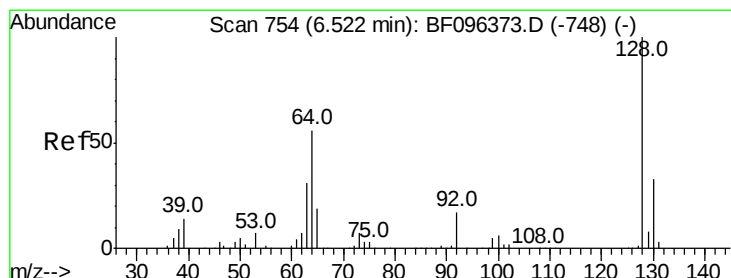
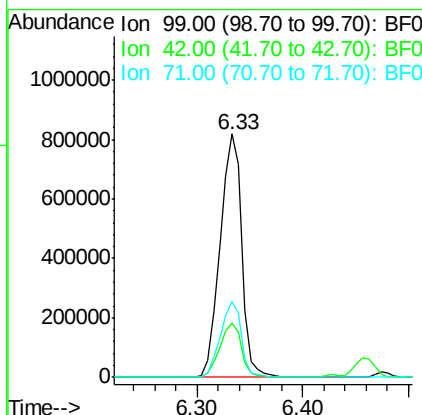
SP-1-AMSD

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#8

2-Chlorophenol

Concen: 41.90 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

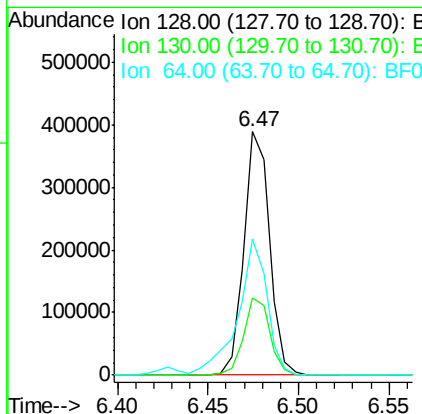
Tgt Ion:128 Resp: 380574

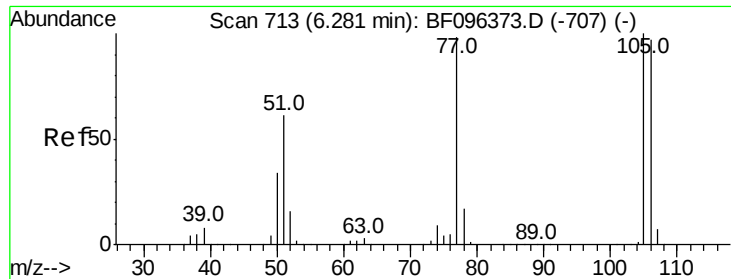
Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 55.8 28.4 68.4





#9

Benzaldehyde

Concen: 9.85 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

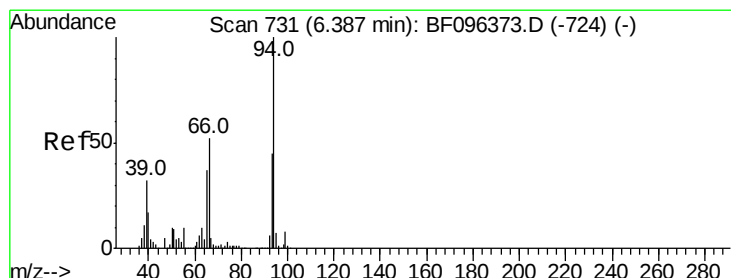
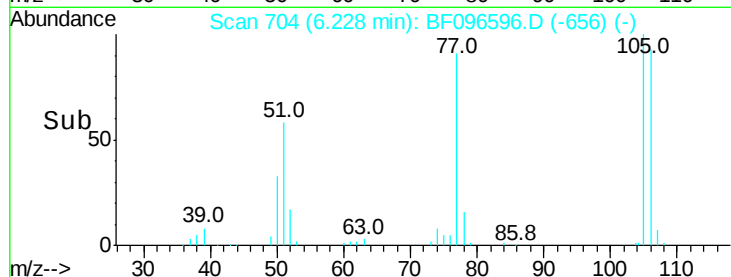
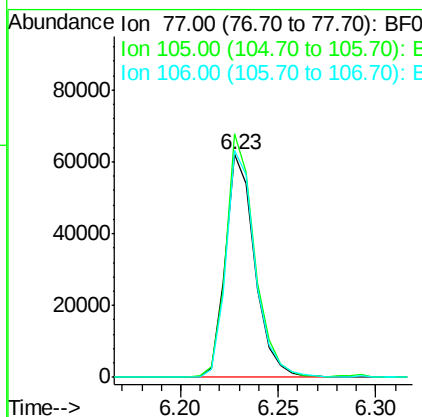
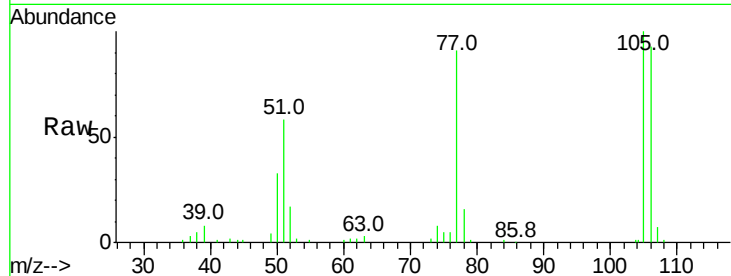
ClientSampleId :

SP-1-AMSD

Tot Ion:	77	Resp:	64515
Ion	Ratio	Lower	Upper
77	100		
105	109.4	83.8	123.8
106	102.1	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 35.48 ng

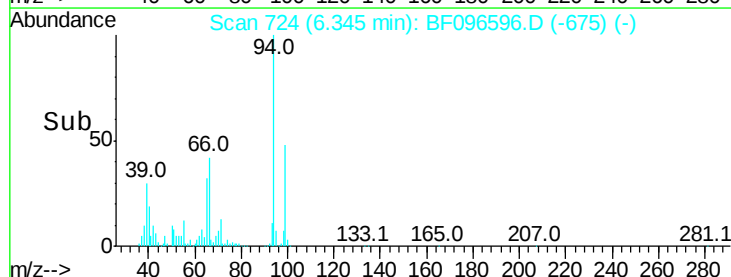
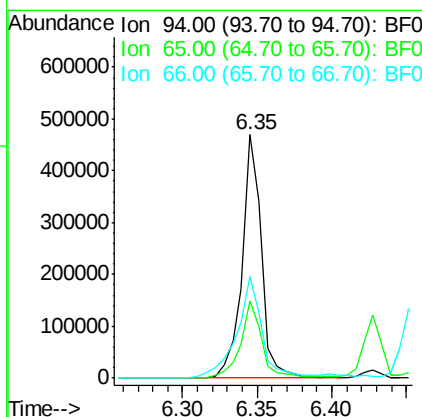
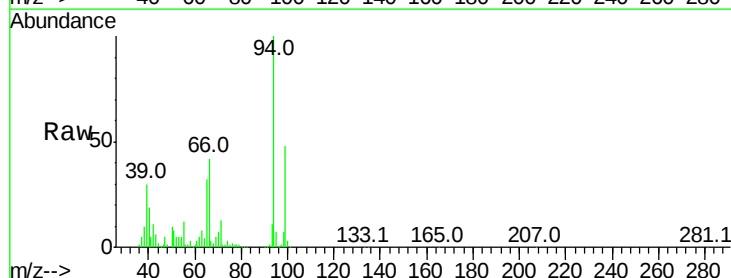
RT: 6.35 min Scan# 724

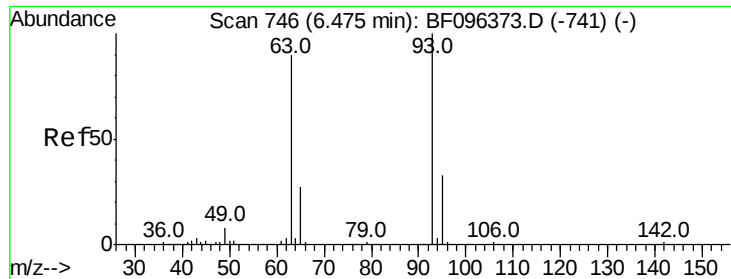
Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:	94	Resp:	423199
Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.9	49.9
66	41.8	23.1	63.1





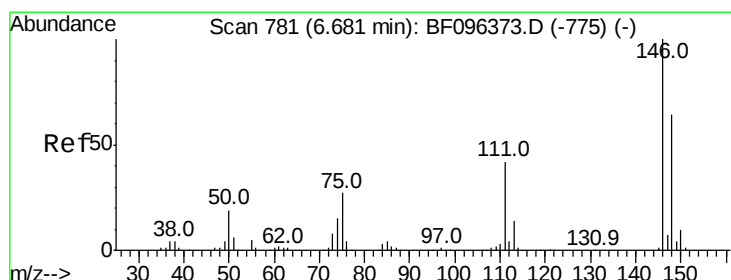
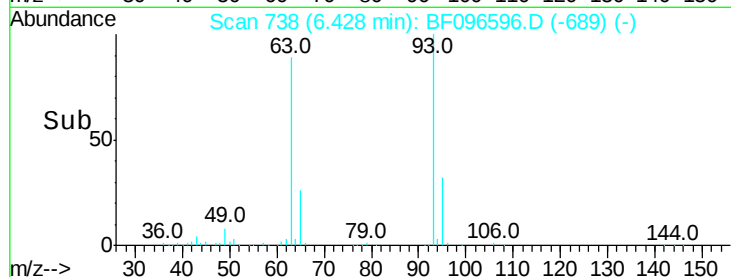
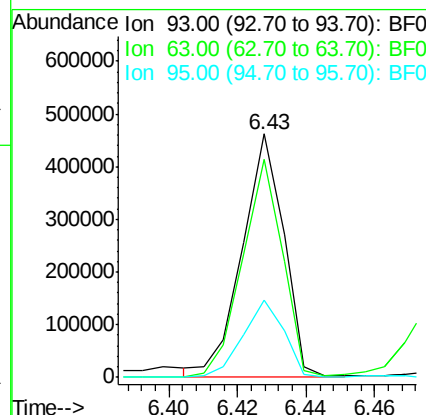
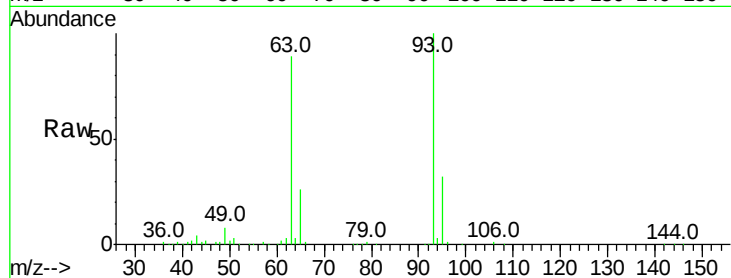
#11
bis(2-Chloroethyl)ether
Concen: 42.37 ng/ml
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	59.2	99.2
95	31.9	12.8	52.8

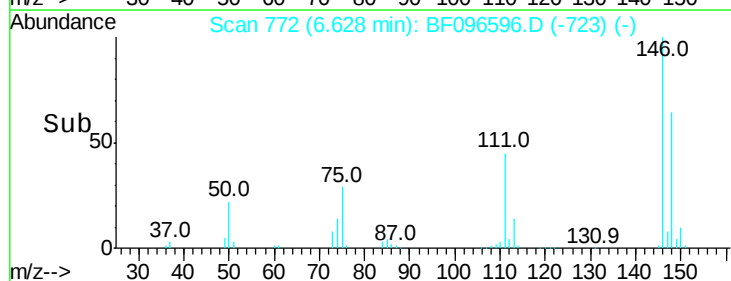
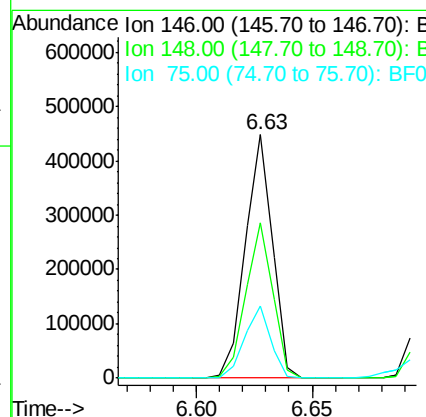
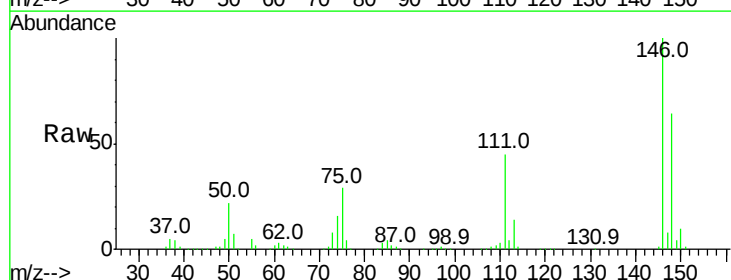
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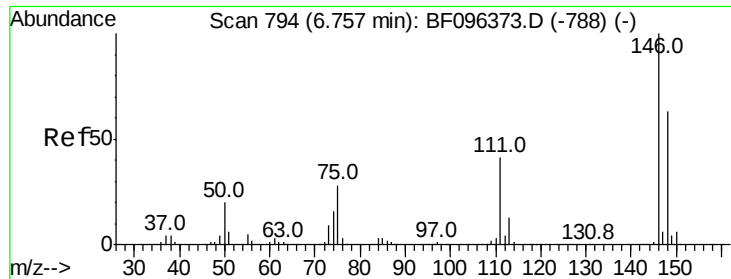
mohammad
7/11/2017 1:35:05 PM



#12
1,3-Dichlorobenzene
Concen: 38.66 ng/ml
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	29.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.06 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

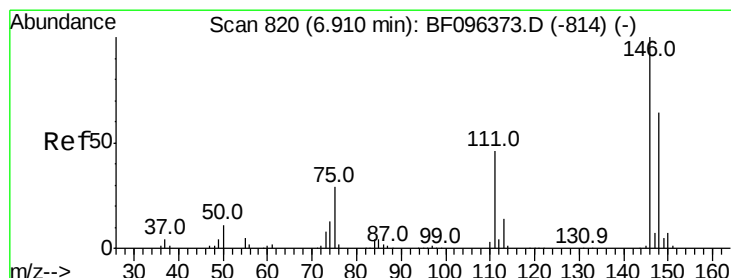
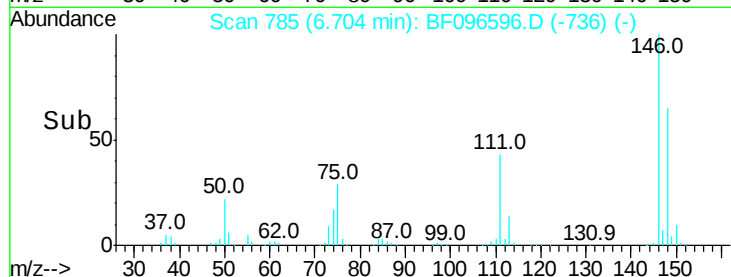
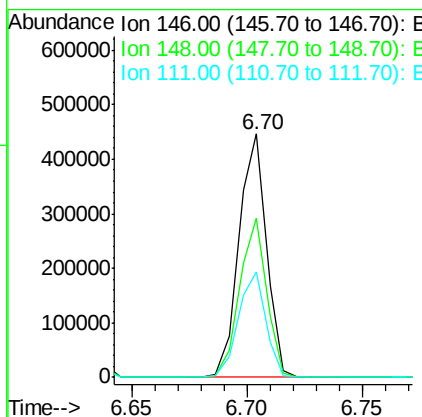
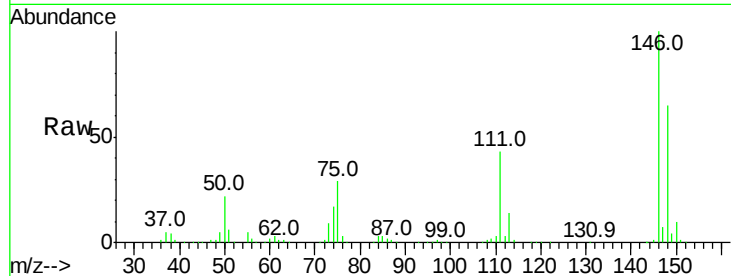
ClientSampleId :

SP-1-AMSD

Tot Ion:	146	Resp:	371797
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.2	78.2
111	43.2	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 39.53 ng

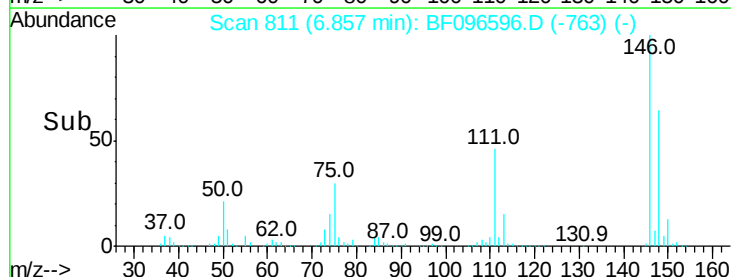
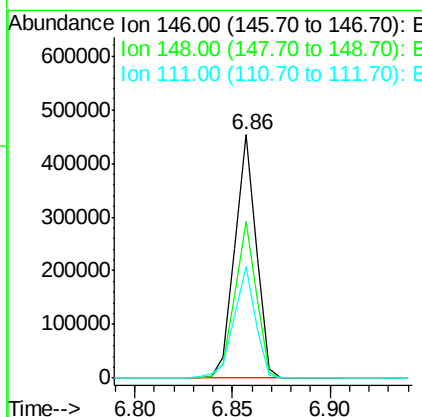
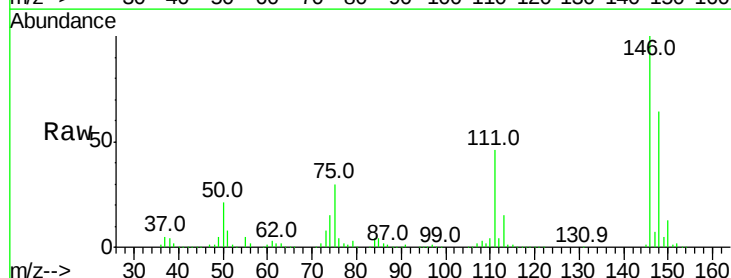
RT: 6.86 min Scan# 811

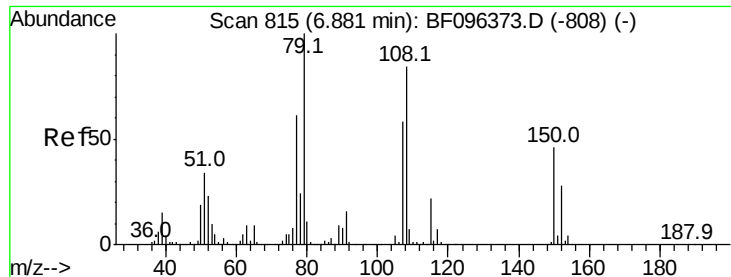
Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:	146	Resp:	345443
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	46.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 44.91 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

SP-1-AMSD

Tot Ion: 79 Resp: 314331

Ion Ratio Lower Upper

79 100

108 78.3 63.4 95.0

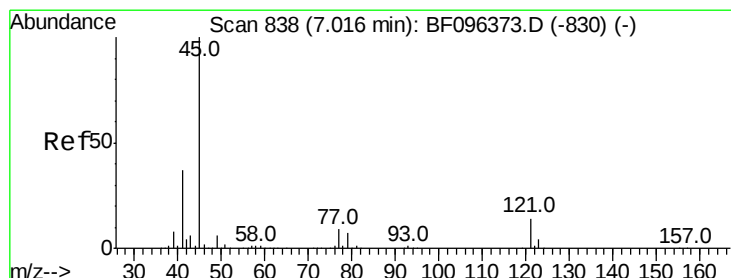
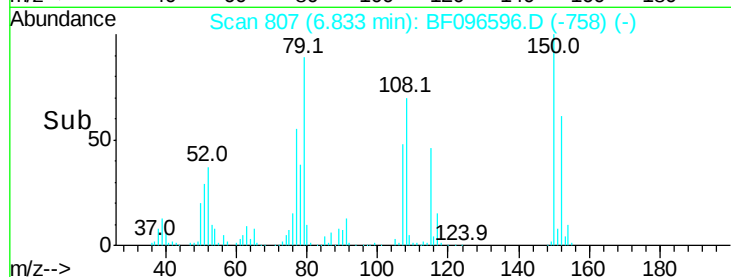
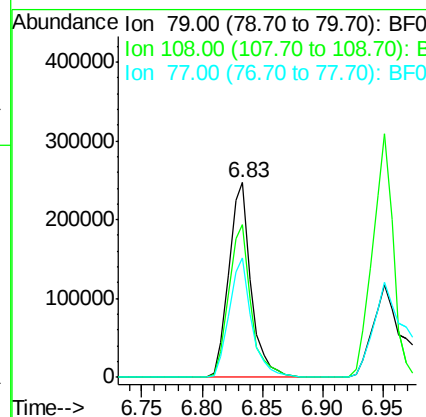
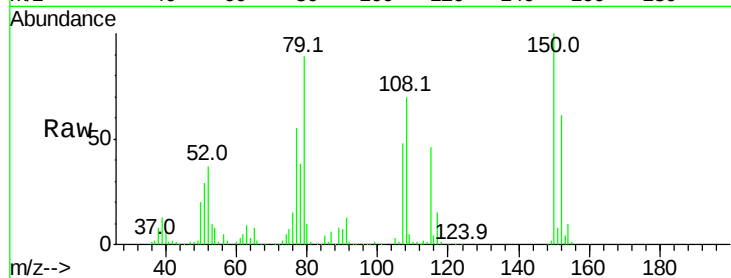
77 61.4 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.93 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

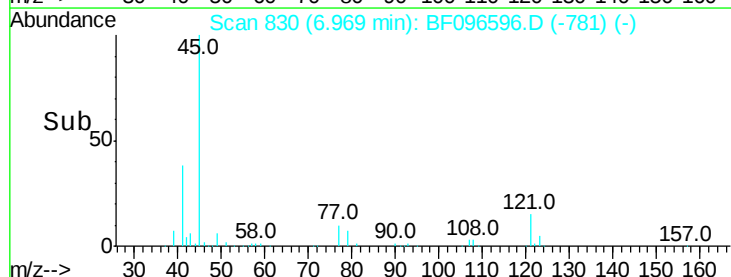
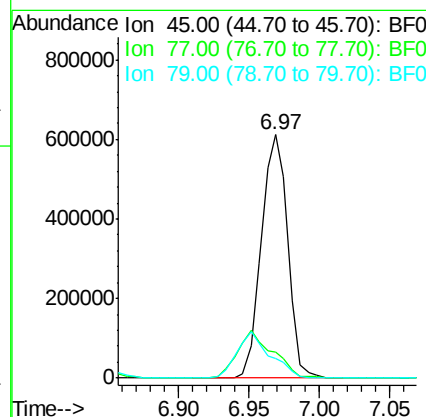
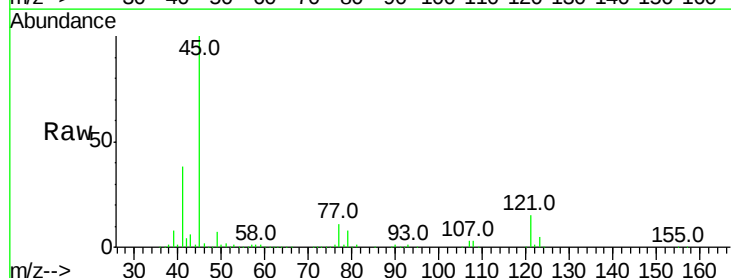
Tgt Ion: 45 Resp: 804500

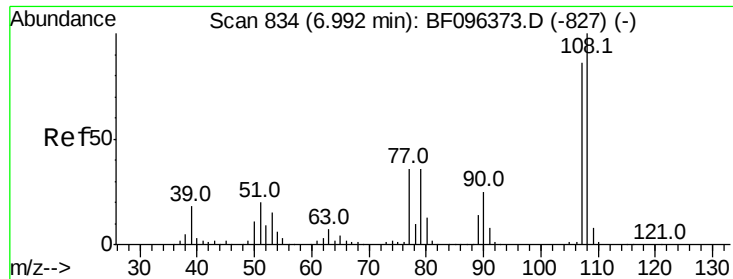
Ion Ratio Lower Upper

45 100

77 10.6 0.0 33.2

79 8.0 0.0 30.0





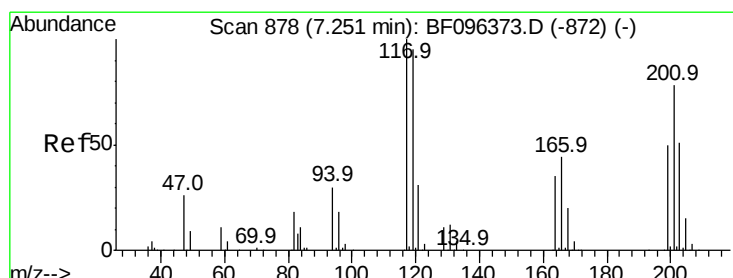
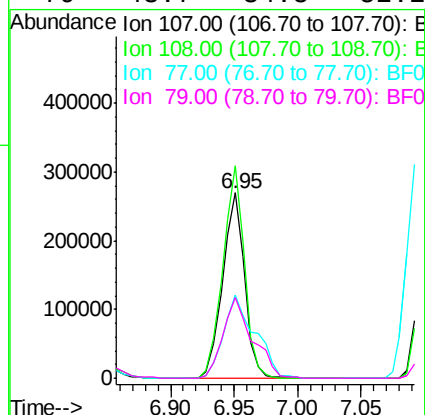
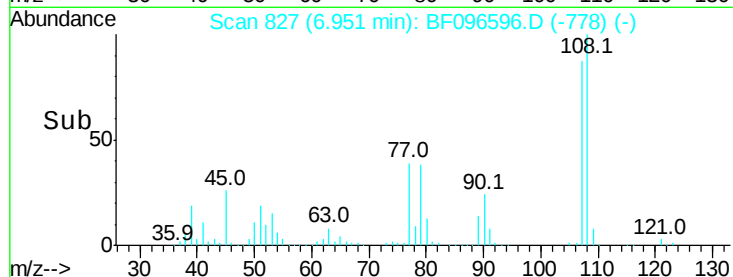
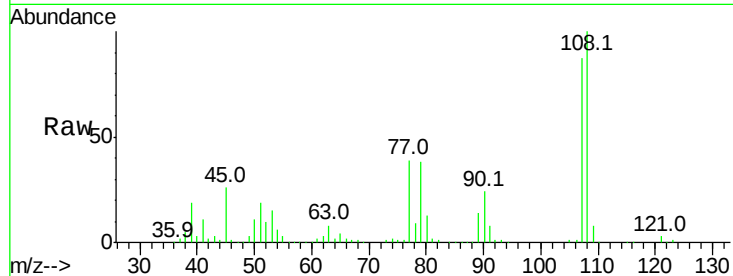
#17
2-Methylphenol
Concen: 44.78 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	324155		
108	114.7	93.4	140.0	
77	44.8	35.8	53.6	
79	43.7	34.8	52.2	

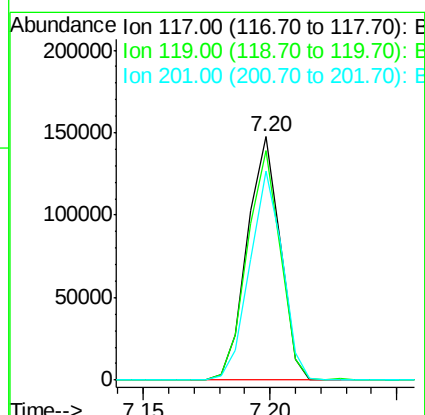
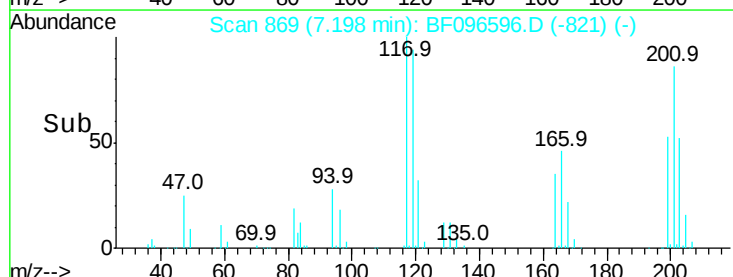
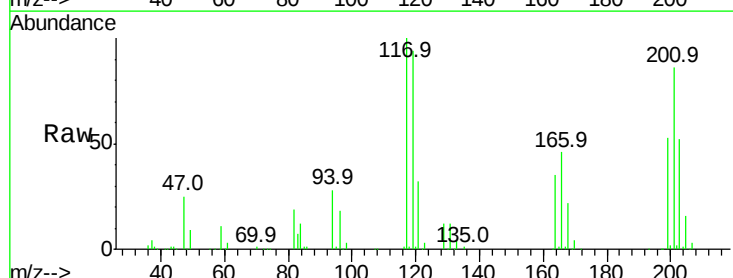
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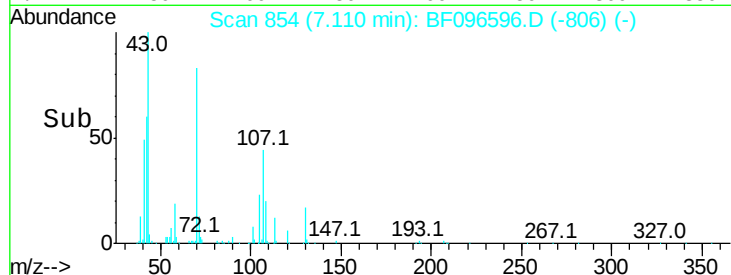
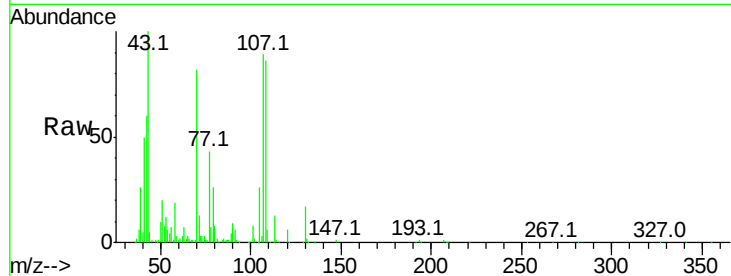
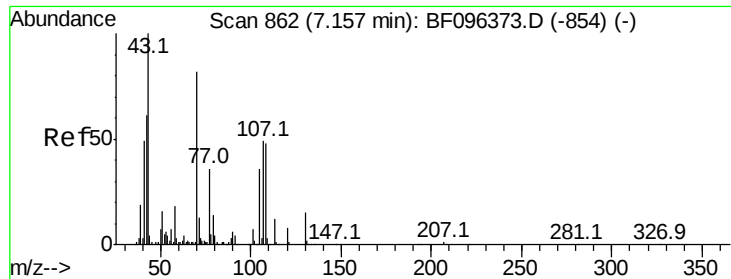
mohammad
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#18
Hexachloroethane
Concen: 38.73 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133662		
119	94.4	77.4	116.0	
201	85.9	94.6	141.8#	





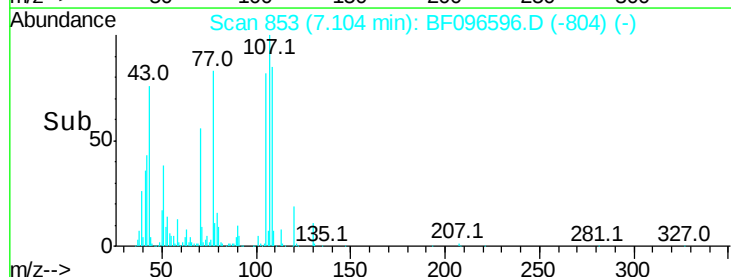
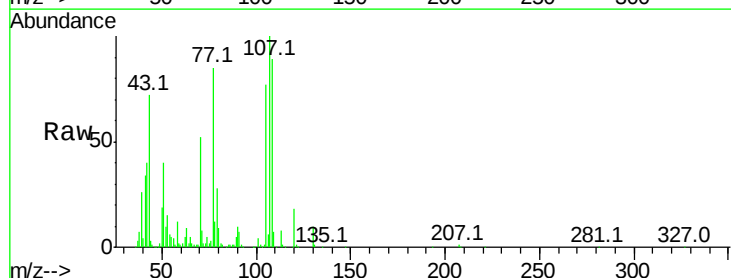
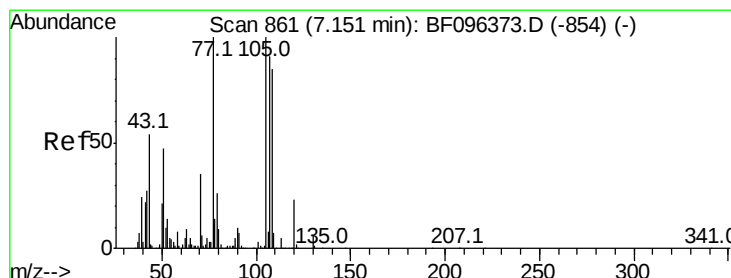
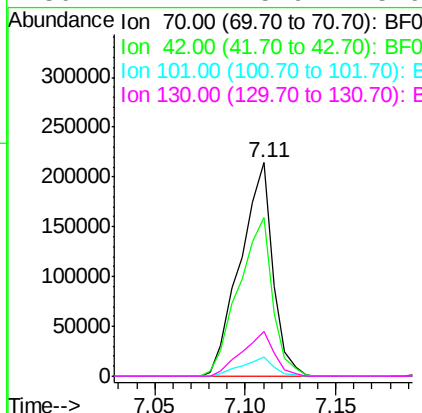
#19
n-Nitroso-di-n-propylamine
Concen: 42.87 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.0	47.2	70.8#
101	9.2	7.2	10.8
130	21.2	15.9	23.9

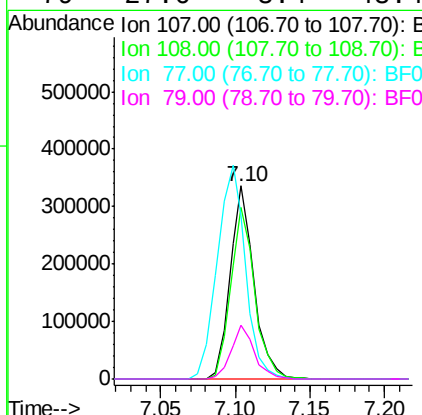
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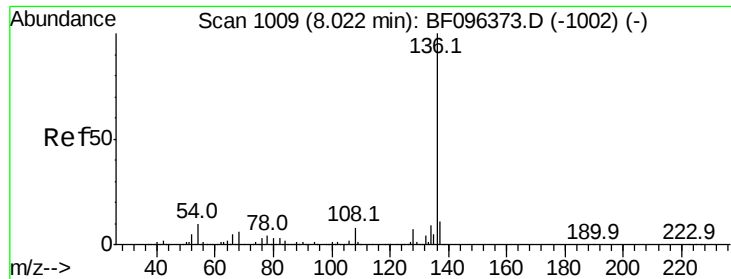
mohammad
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#20
3+4-Methylphenols
Concen: 46.71 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.0	111.0
77	84.9	90.5	130.5#
79	27.6	8.4	48.4





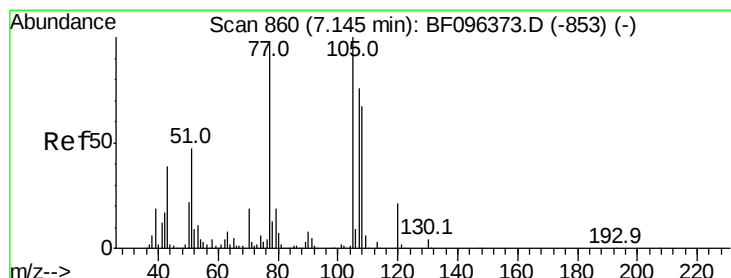
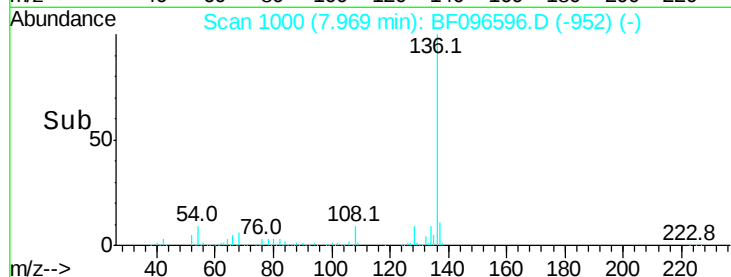
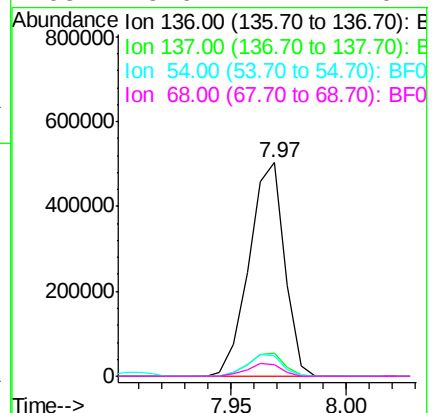
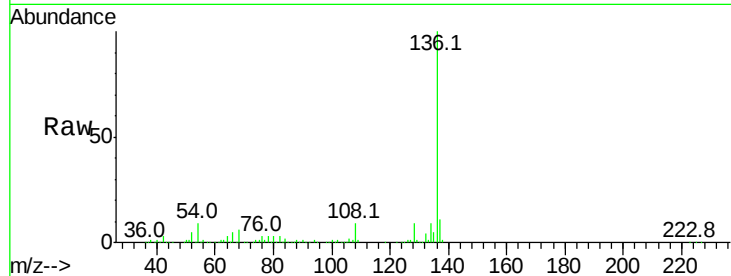
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	540651		
137	11.0	8.5	12.7	
54	9.4	4.9	7.3	
68	5.6	4.1	6.1	

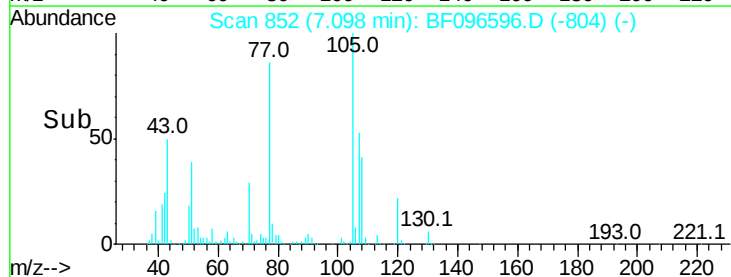
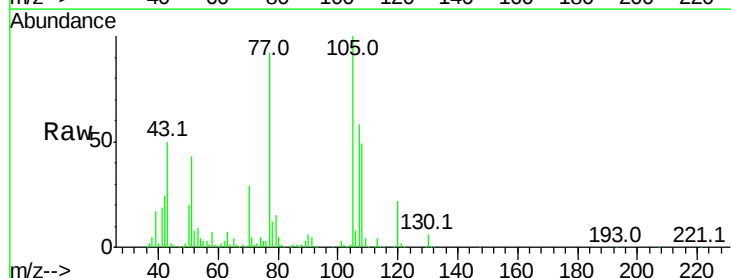
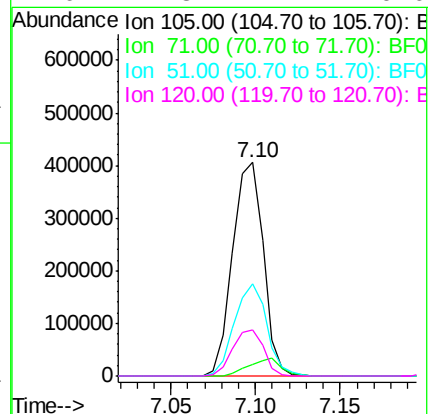
Manual Integrations
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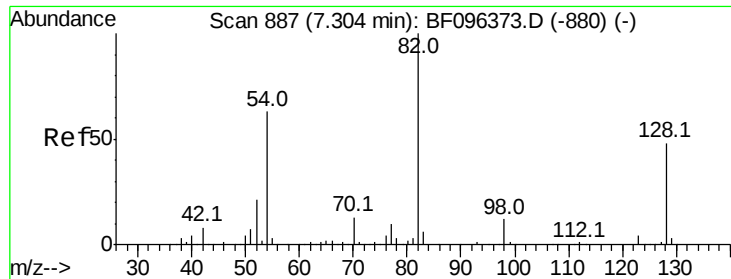
mohammad
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#22
Acetophenone
Concen: 43.45 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	513299		
71	5.1	2.8	4.2	
51	43.1	30.7	46.1	
120	21.8	17.4	26.0	





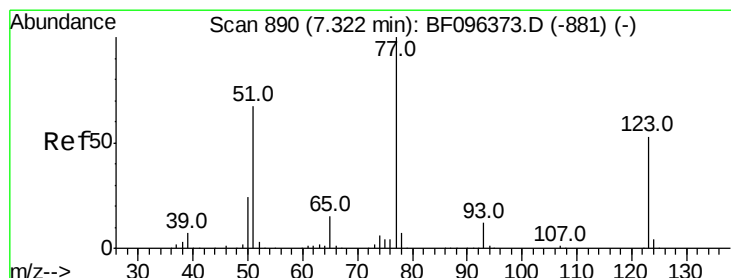
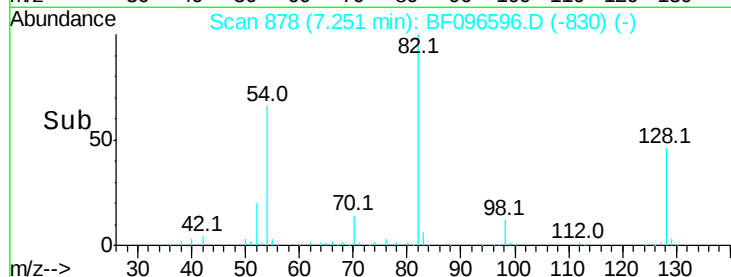
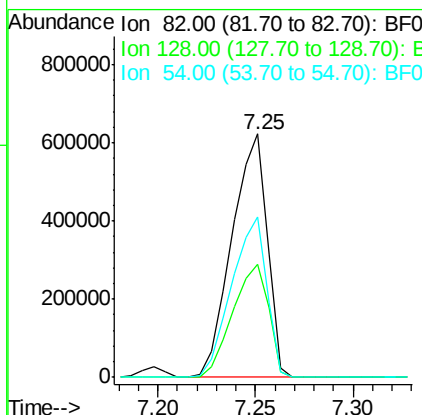
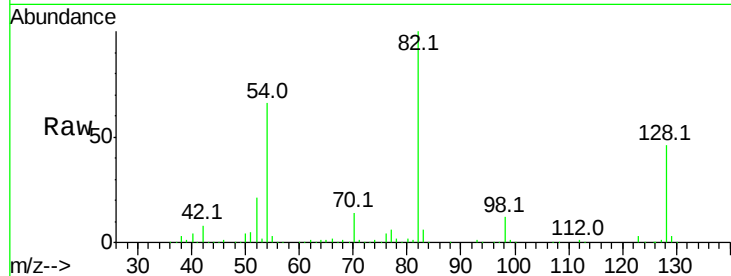
#23
Nitrobenzene-d5
Concen: 86.69 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.0	51.0	
54	65.7	42.2	63.2	

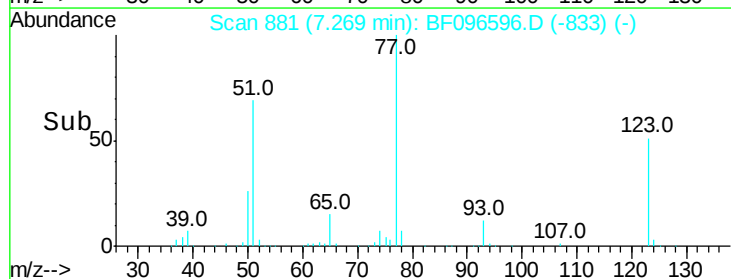
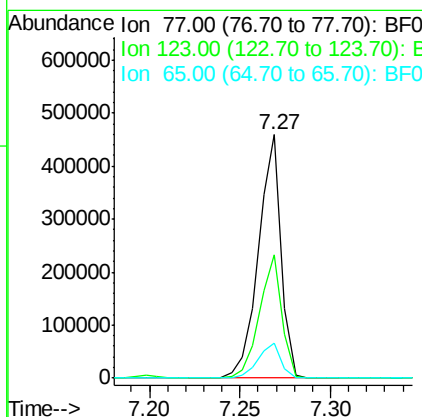
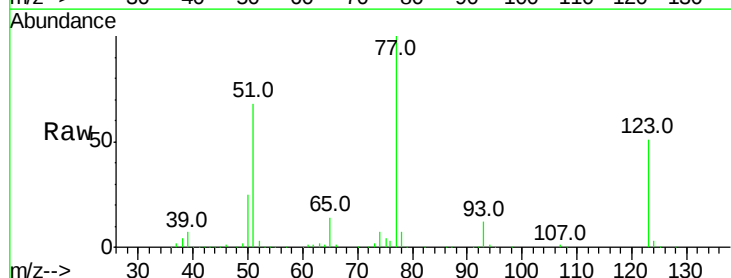
Manual Integrations
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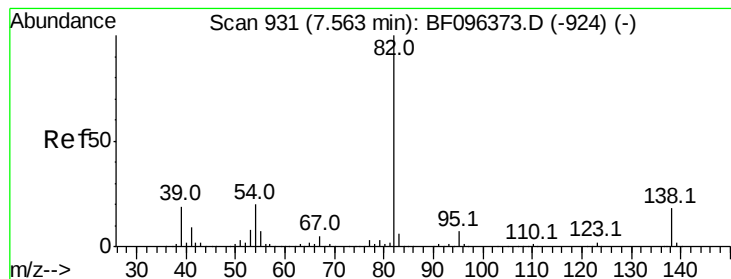
mohammad
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#24
Nitrobenzene
Concen: 42.02 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.9	35.8	53.8	
65	14.5	10.6	15.8	





#25

Isophorone

Concen: 43.51 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

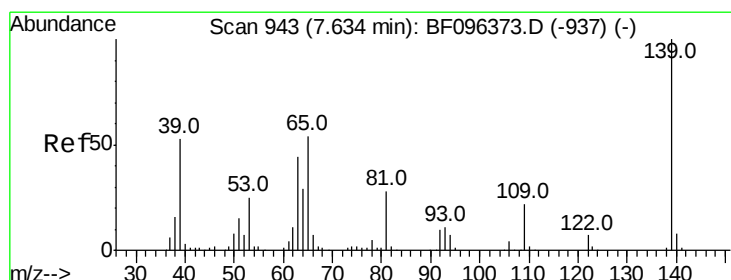
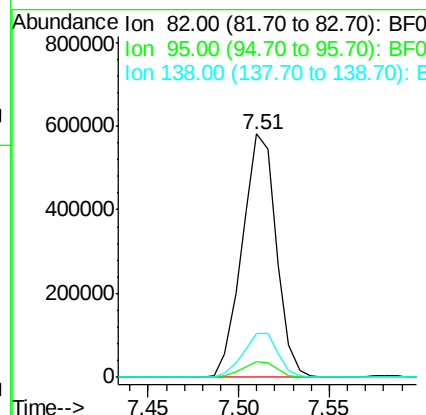
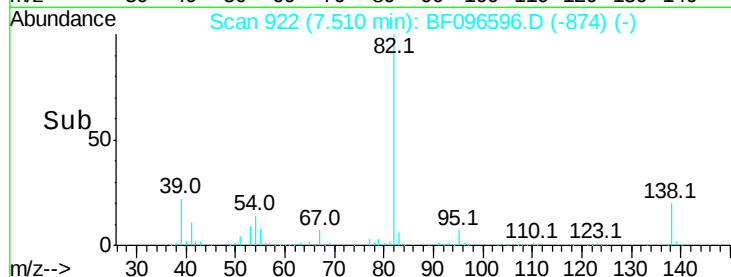
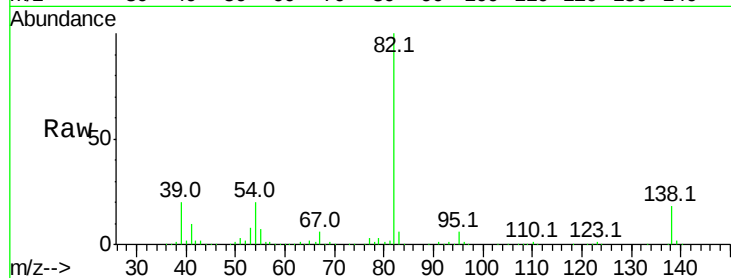
ClientSampleId :

SP-1-AMSD

Tot Ion:	82	Resp:	758998
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	17.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.56 ng

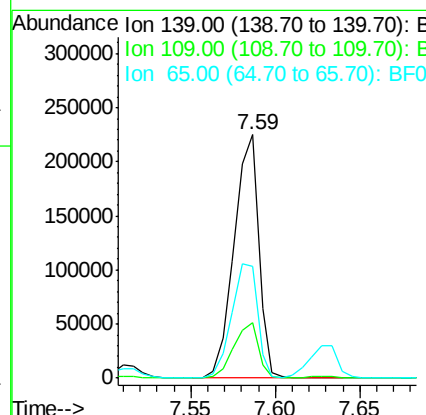
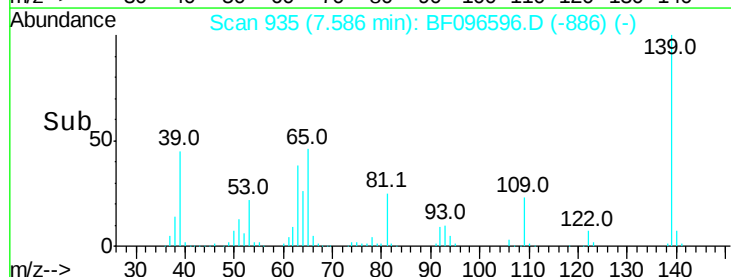
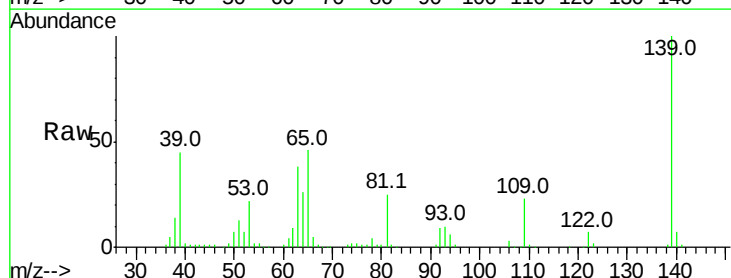
RT: 7.59 min Scan# 935

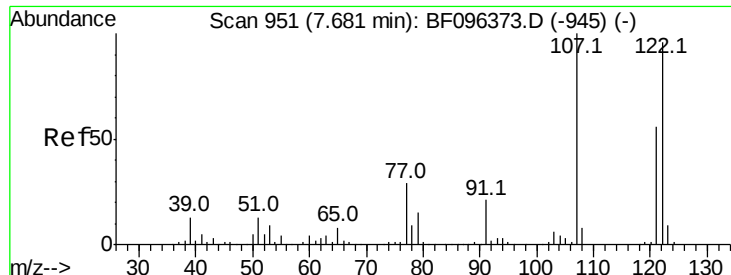
Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:	139	Resp:	227590
Ion Ratio	Lower	Upper	
139	100		
109	22.6	21.0	31.6
65	45.8	33.0	49.6





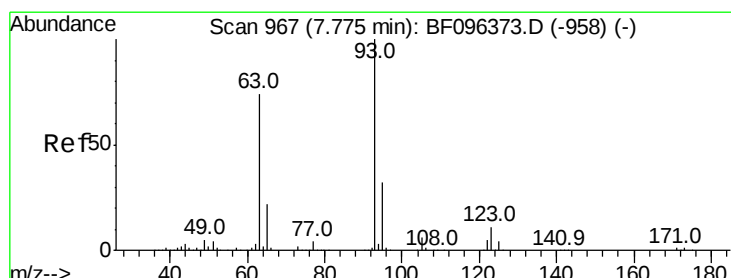
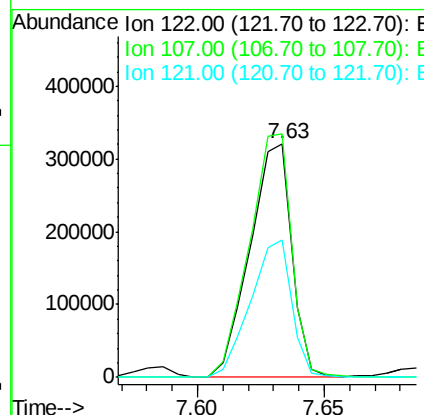
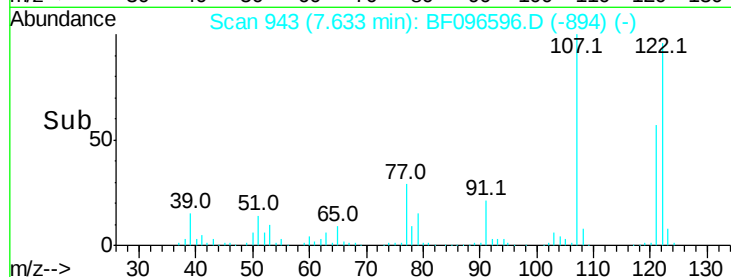
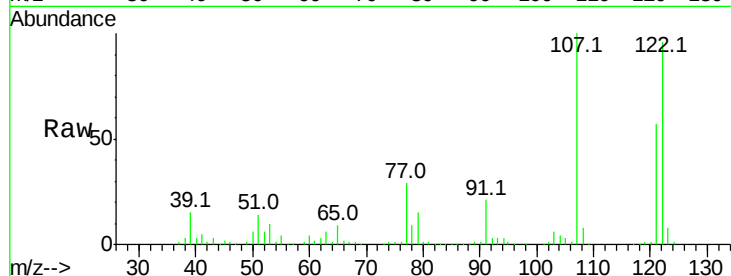
#27
2,4-Dimethylphenol
Concen: 43.59 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.3	89.2	133.8
121	59.1	45.2	67.8

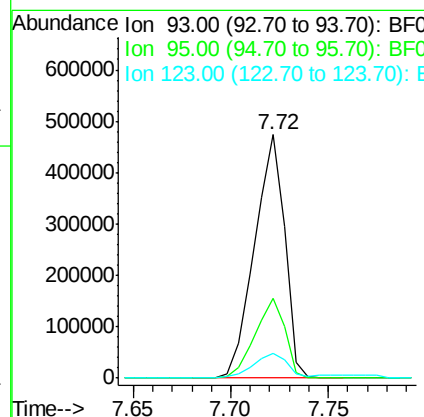
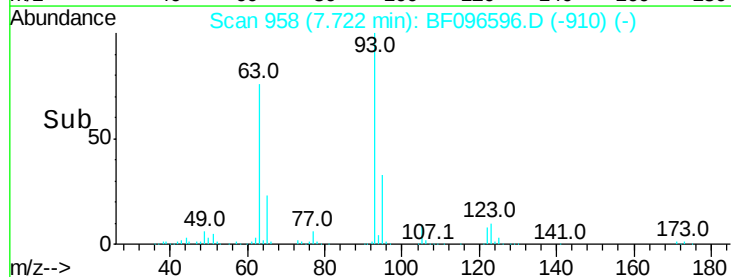
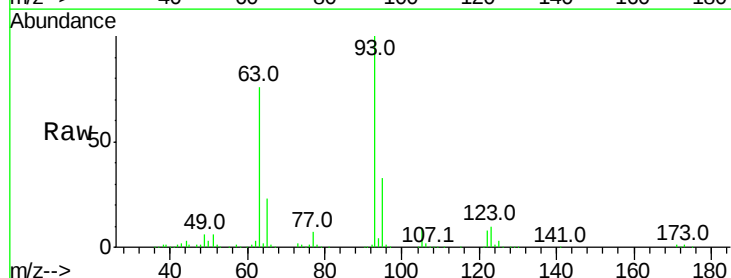
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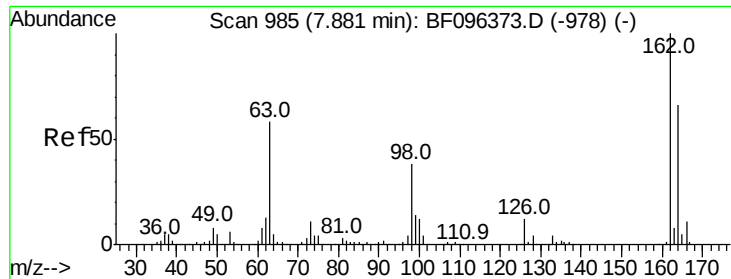
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.04 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.4	9.0	13.4





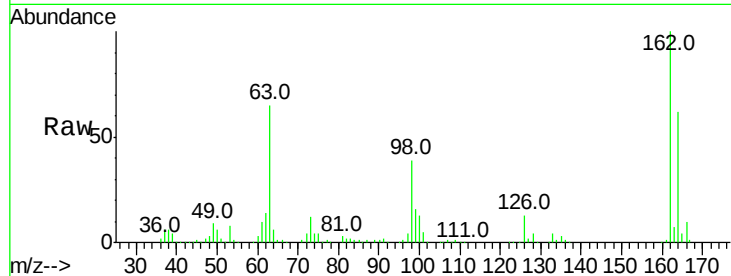
#29
2,4-Dichlorophenol
Concen: 46.21 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

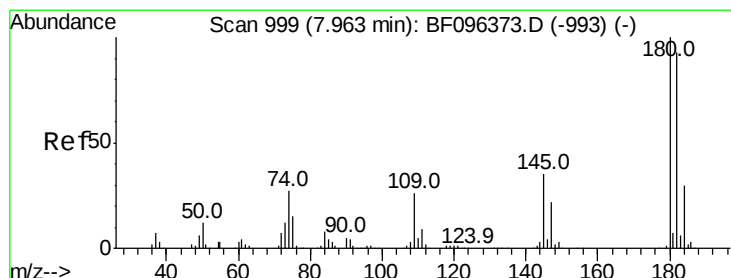
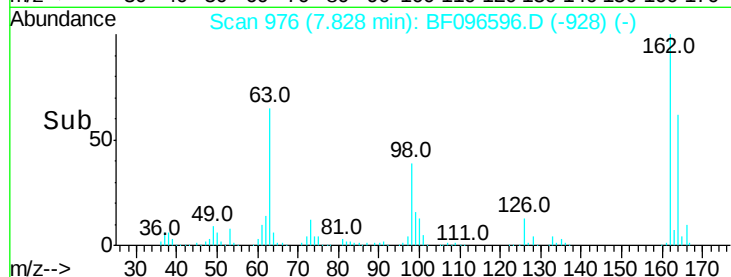
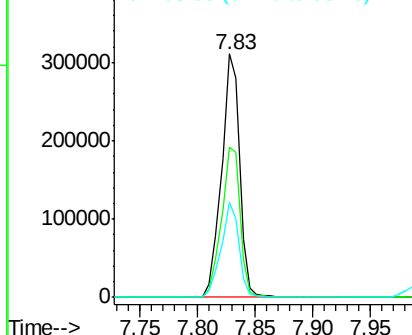
Tot Ion	Ratio	Resp	Lower	Upper
162	100	339114		
164	61.9	44.6	84.6	
98	39.0	14.8	54.8	

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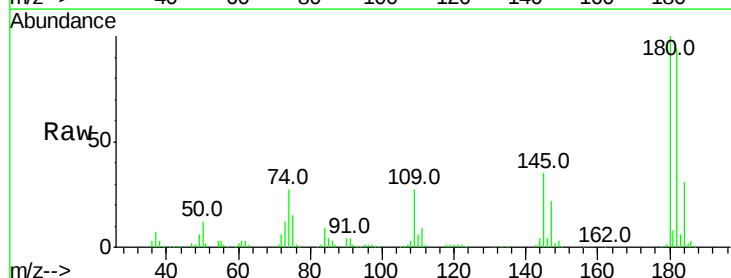


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

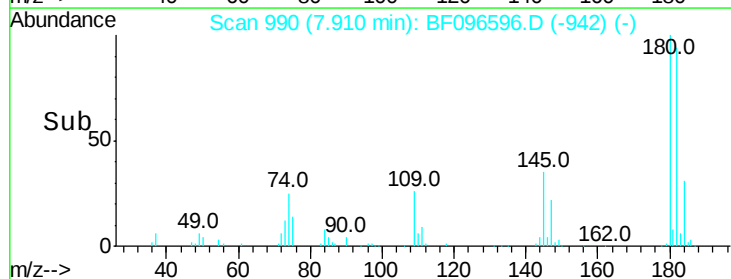
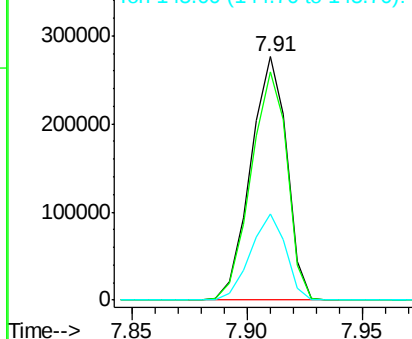


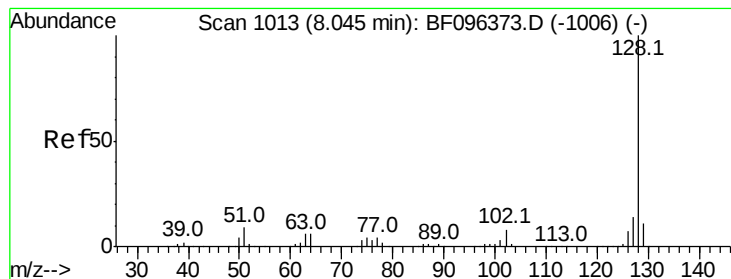
#30
1,2,4-Trichlorobenzene
Concen: 43.51 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	301196		
182	93.6	75.8	113.6	
145	35.4	25.3	37.9	



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





#31

Naphthalene

Concen: 45.07 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

SP-1-AMSD

Tot Ion:128 Resp: 1150329

Ion Ratio Lower Upper

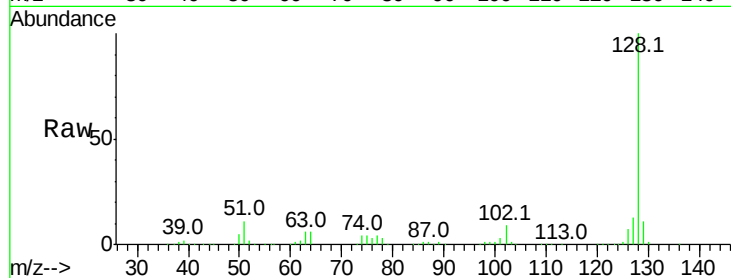
128 100

129 11.3 9.0 13.6

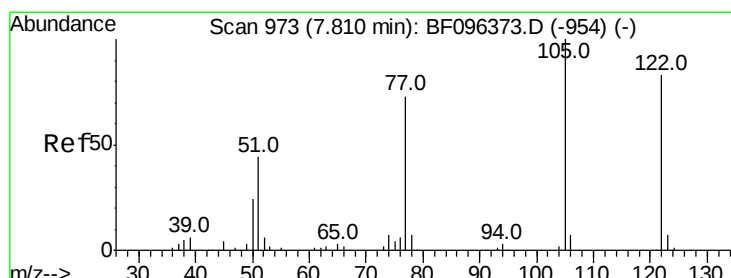
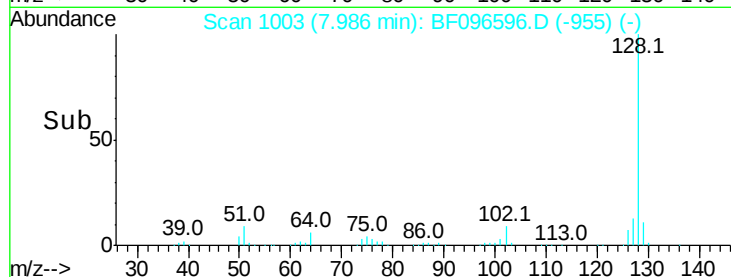
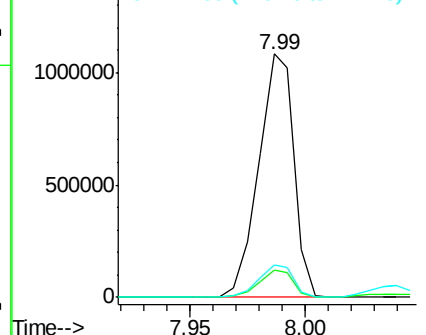
127 13.5 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.39 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

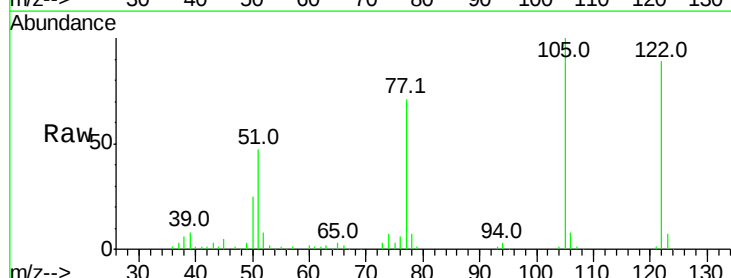
Tgt Ion:122 Resp: 281386

Ion Ratio Lower Upper

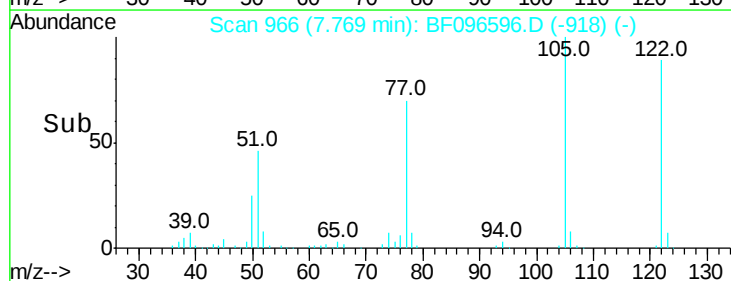
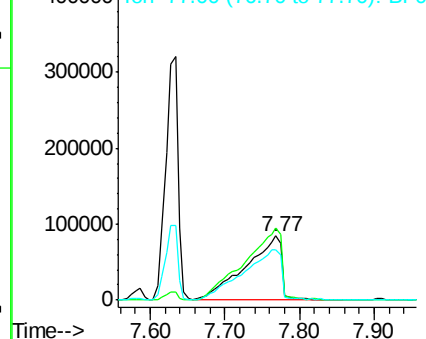
122 100

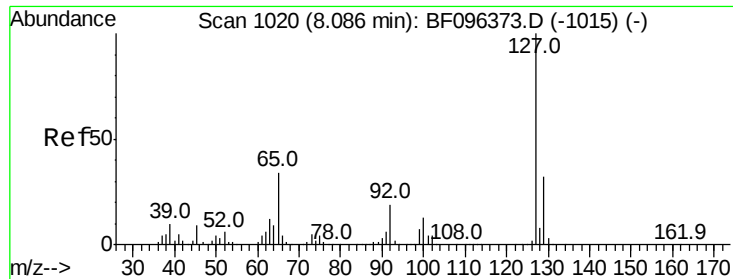
105 111.9 103.3 143.3

77 79.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





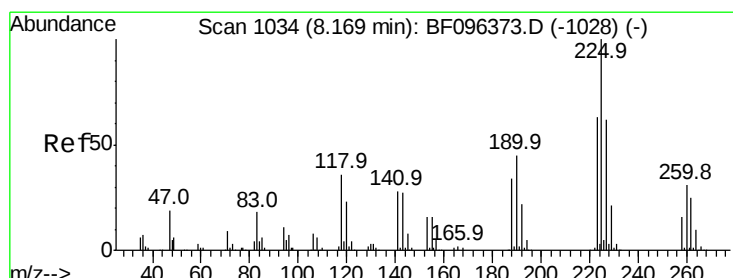
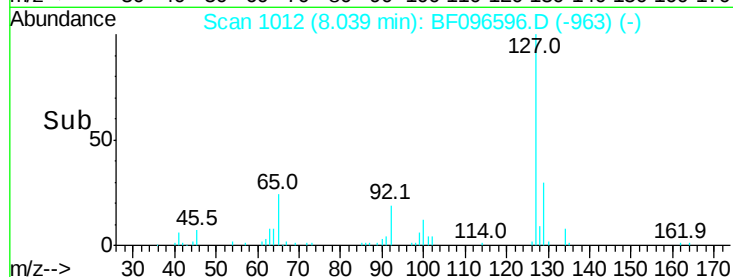
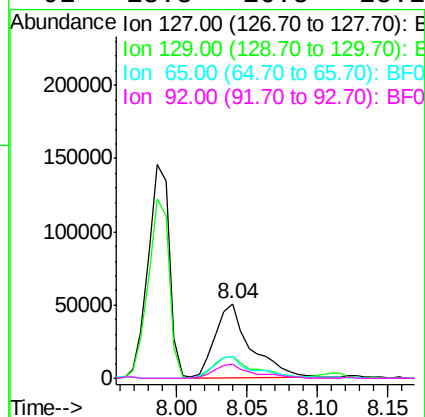
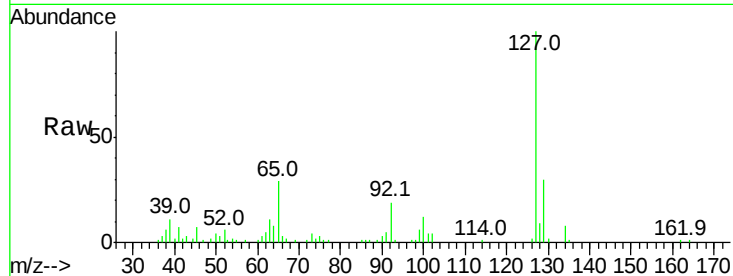
#33
4-Chloroaniline
Concen: 8.41 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.8	26.2	39.2		
65	28.8	27.8	41.8		
92	18.8	16.8	25.2		

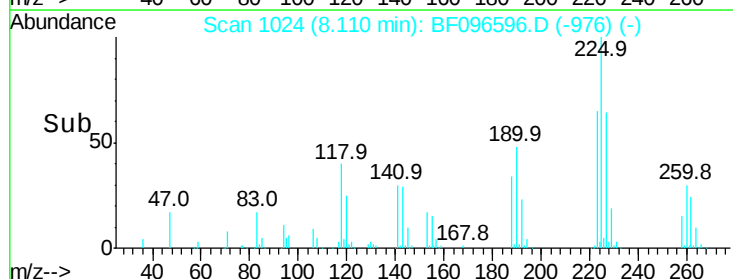
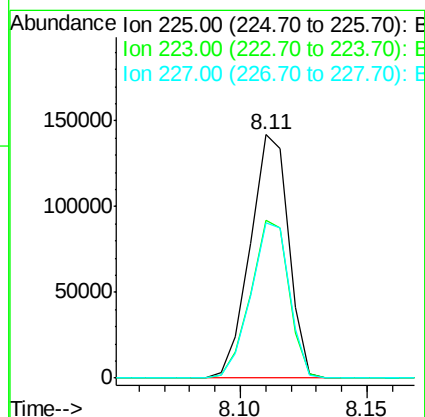
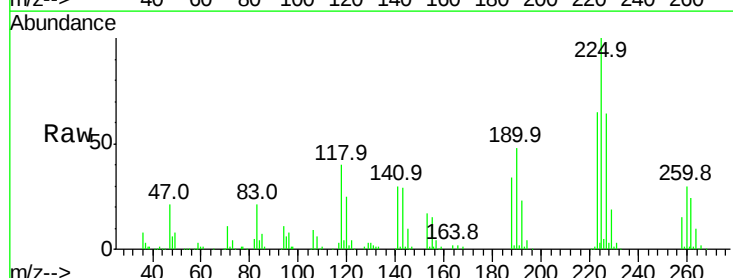
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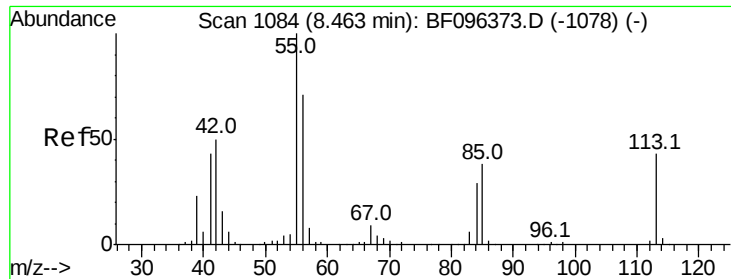
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#34
Hexachlorobutadiene
Concen: 42.35 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	48.8	73.2		
227	63.6	51.1	76.7		





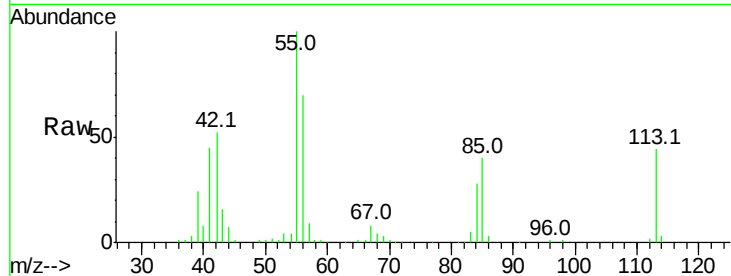
#35
 Caprolactam
 Concen: 42.59 ng/ml
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleID :
 SP-1-AMSD

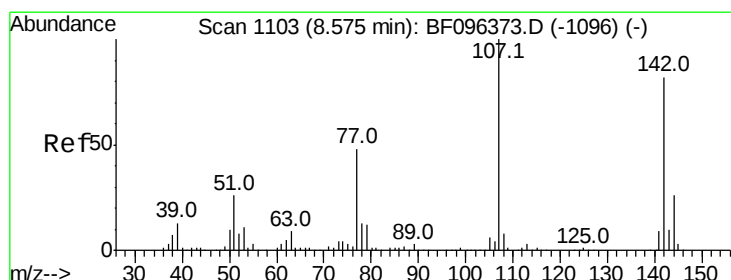
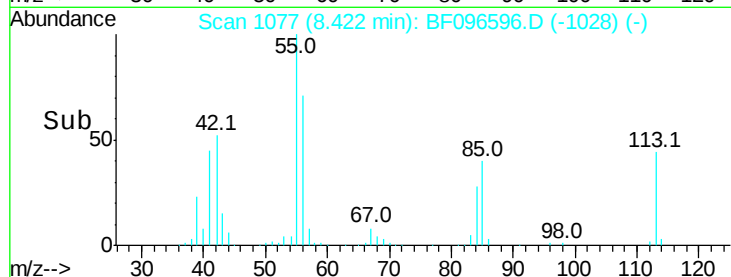
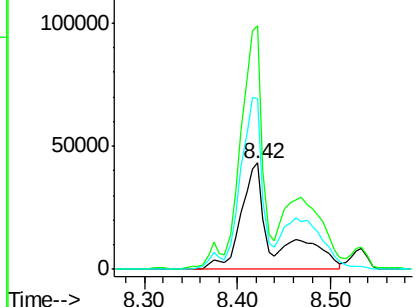
Tot Ion: 113 Resp: 107777
 Ion Ratio Lower Upper
 113 100
 55 228.8 150.2 190.2#
 56 160.8 107.8 147.8#

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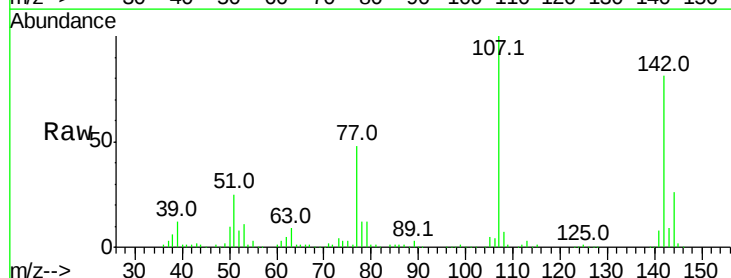


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

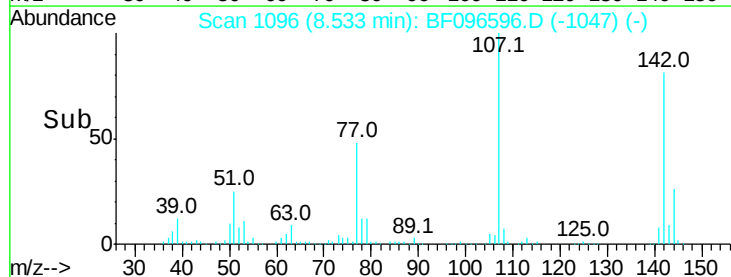
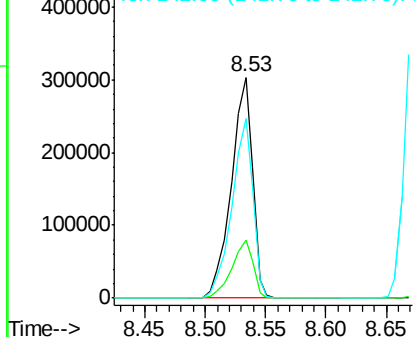


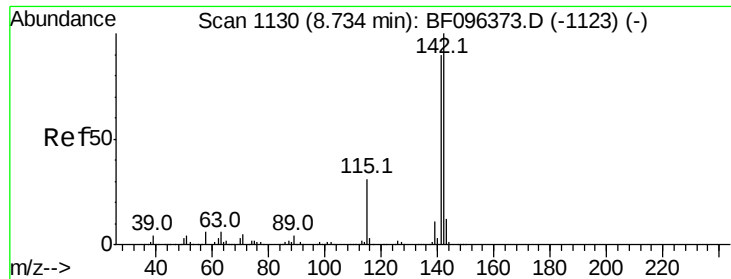
#36
 4-Chloro-3-methylphenol
 Concen: 46.05 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion: 107 Resp: 373982
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 81.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





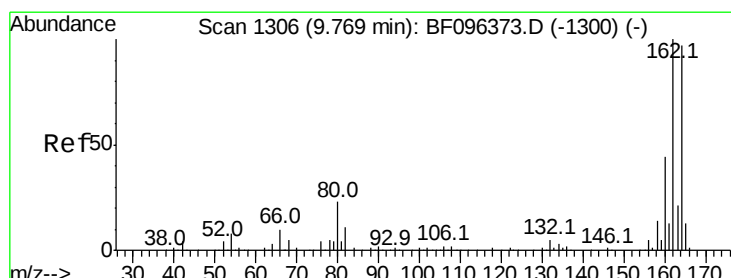
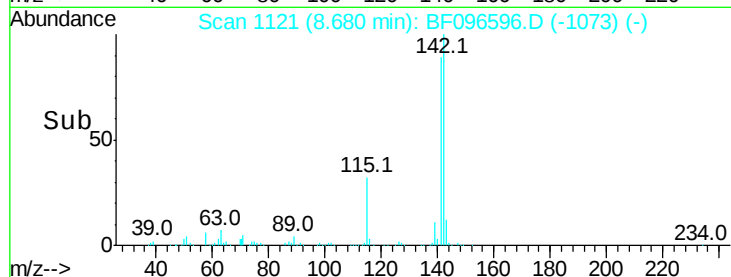
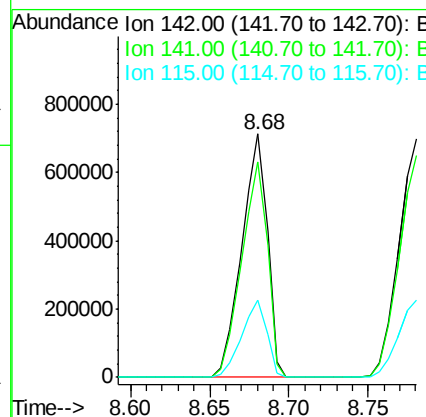
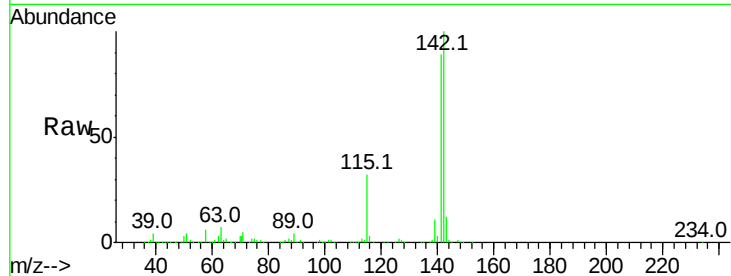
#37
2-Methylnaphthalene
Concen: 48.77 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	31.9	27.1	40.7

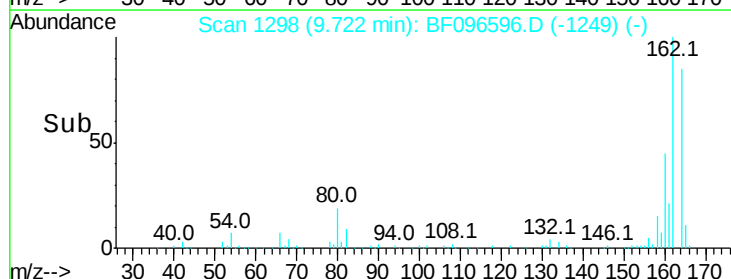
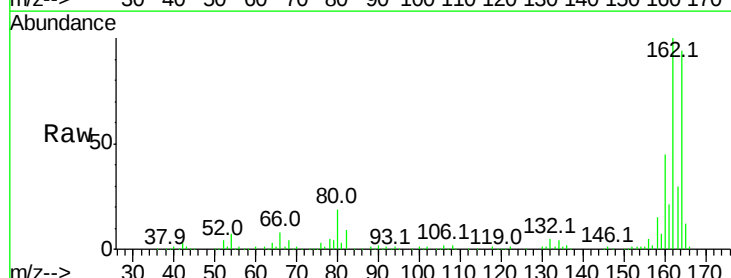
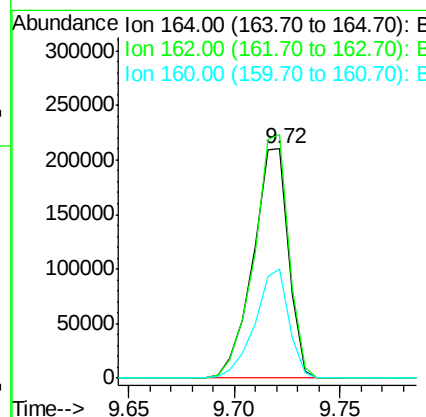
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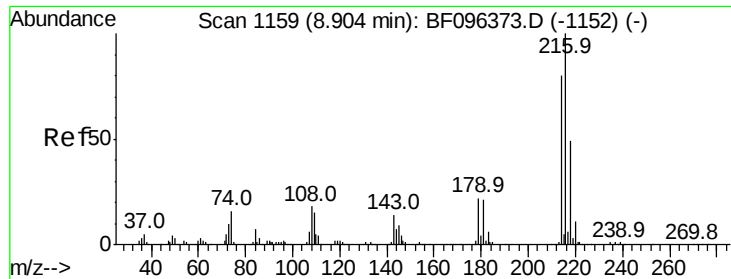
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.6	123.8
160	47.8	36.2	54.2





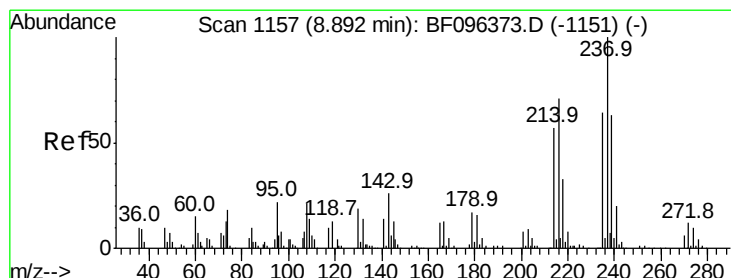
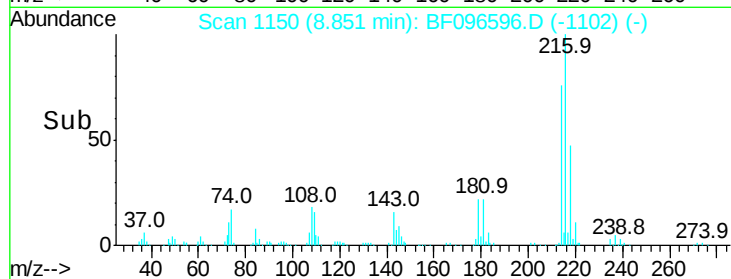
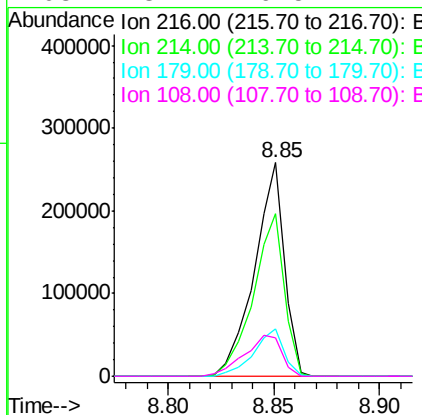
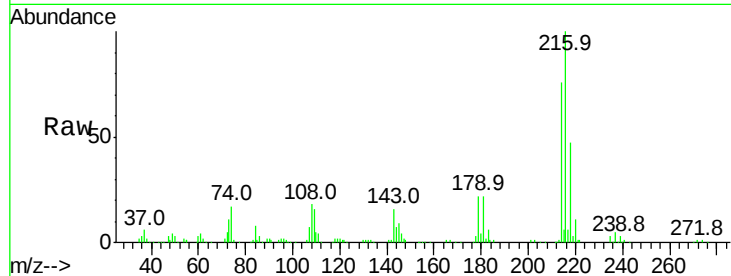
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.94 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	254862		
214	78.7	63.4	95.2	
179	22.3	17.9	26.9	
108	23.7	16.5	24.7	

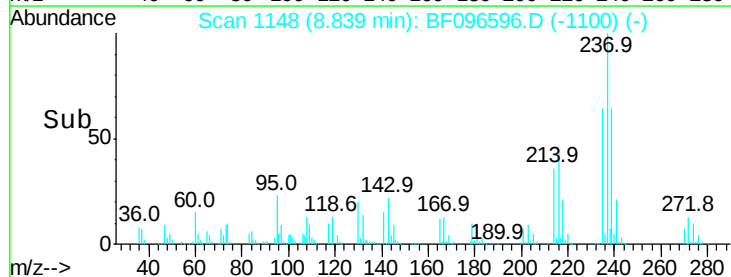
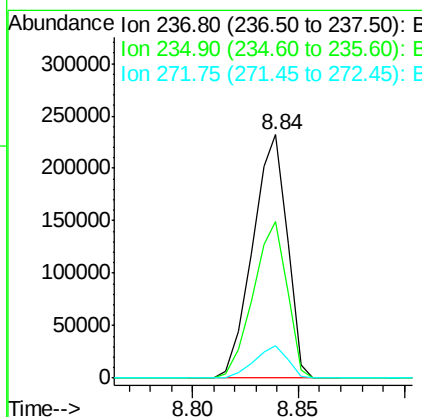
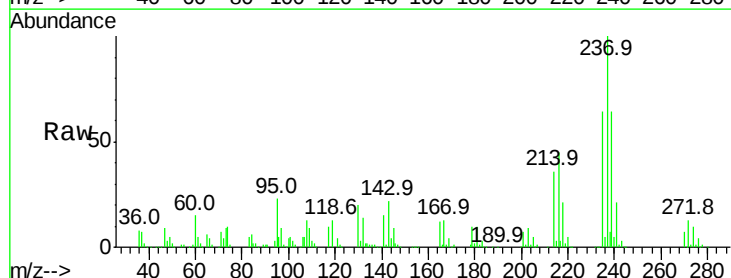
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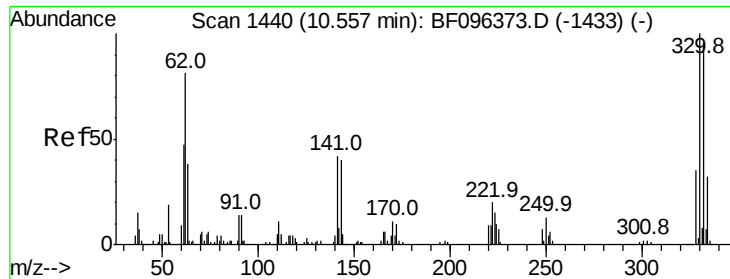
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#40
 Hexachlorocyclopentadiene
 Concen: 84.56 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	262375		
235	64.2	42.6	82.6	
272	13.4	0.0	31.9	





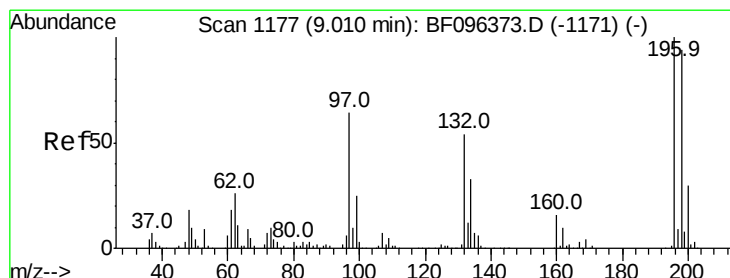
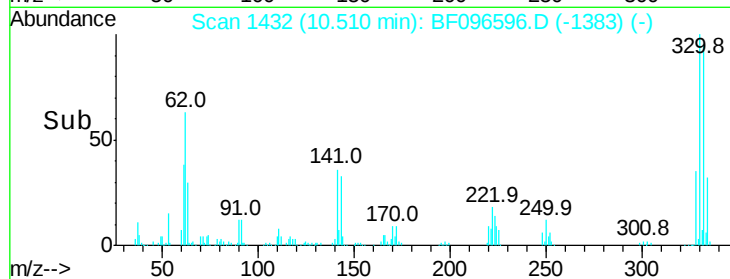
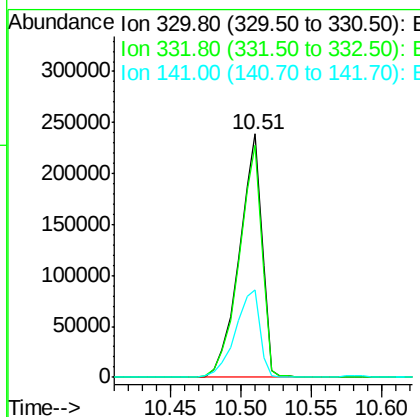
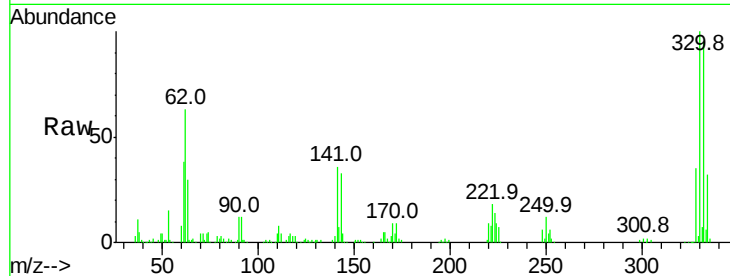
#41
 2,4,6-Tribromophenol
 Concen: 139.61 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	268024		
332	95.7	76.6	115.0	
141	38.8	31.4	47.2	

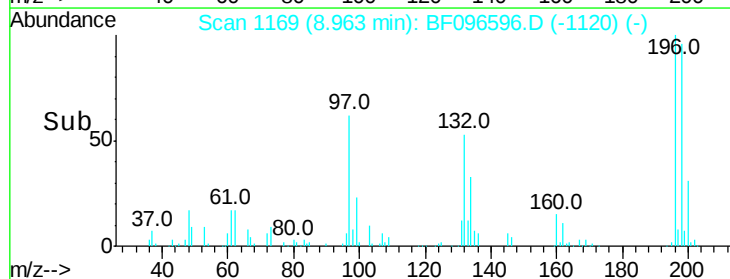
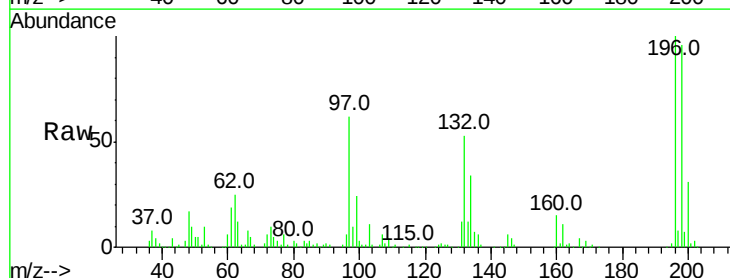
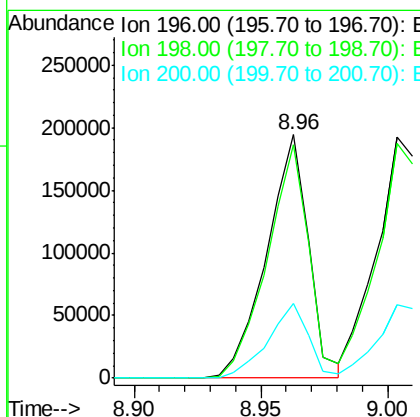
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#42
 2,4,6-Trichlorophenol
 Concen: 44.10 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222657		
198	96.0	74.2	111.4	
200	30.6	24.0	36.0	





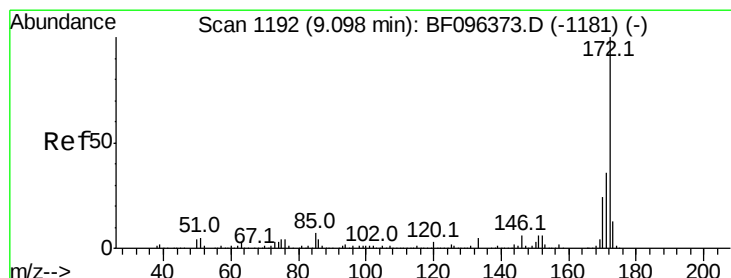
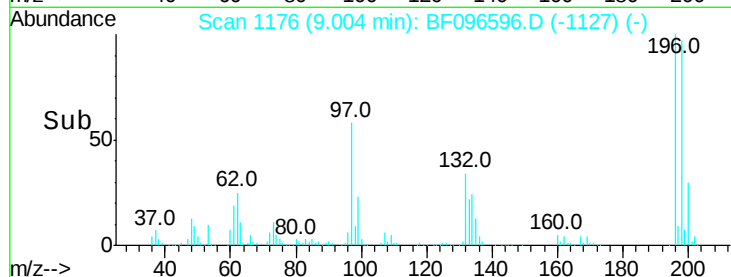
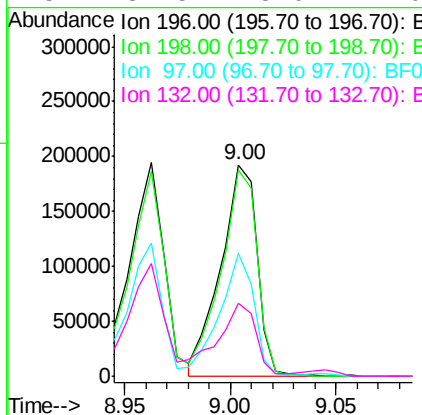
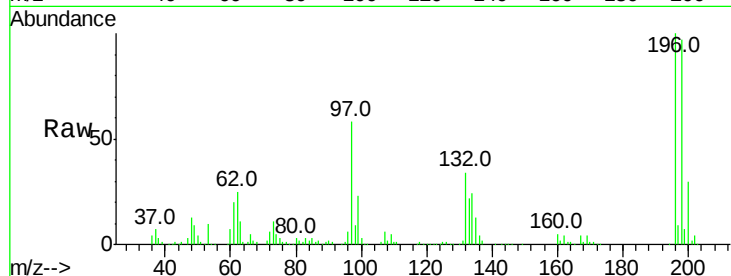
#43
 2,4,5-Trichlorophenol
 Concen: 45.77 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228450		
198	97.2	75.7	113.5	
97	58.0	47.7	71.5	
132	34.5	28.0	42.0	

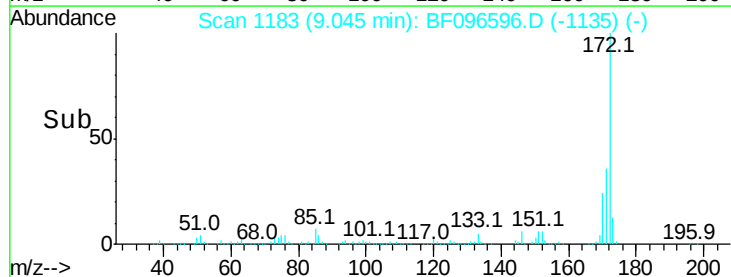
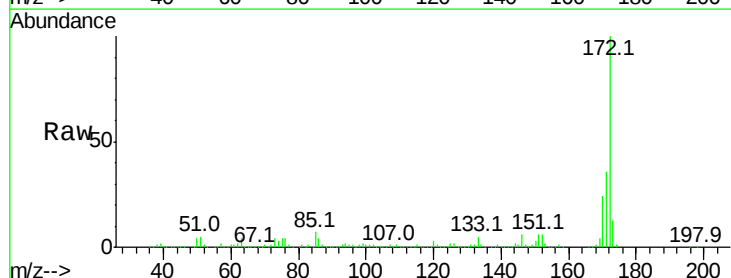
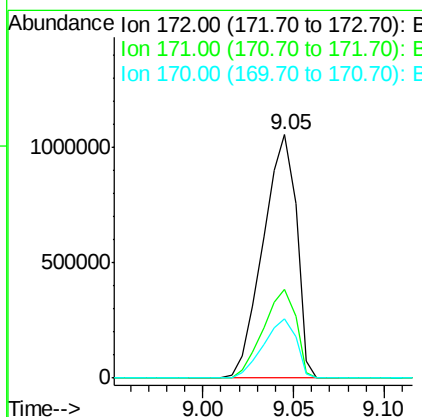
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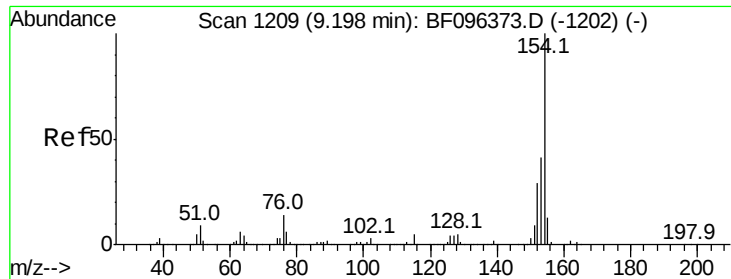
mohammad
 7/11/2017 1:35:05 PM



#44
 2-Fluorobiphenyl
 Concen: 93.80 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1348424		
171	36.4	29.6	44.4	
170	24.1	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 41.69 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

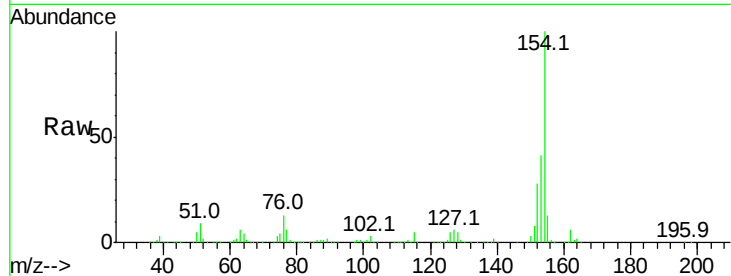
ClientSampled :

SP-1-AMSD

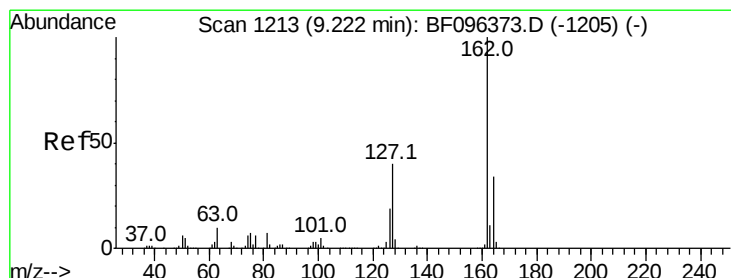
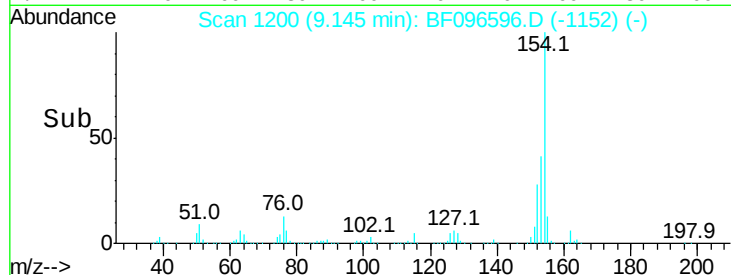
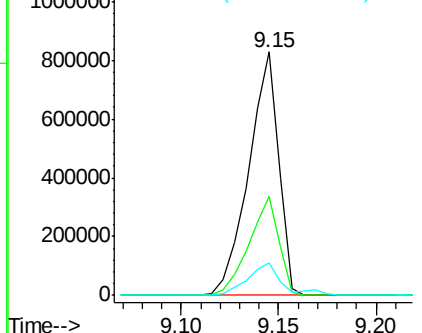
Tot Ion:	154	Resp:	877943
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	13.2	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.44 ng

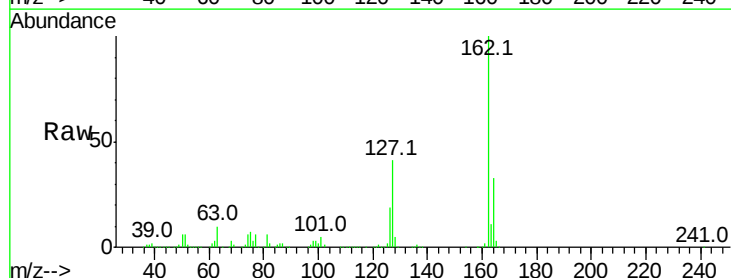
RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

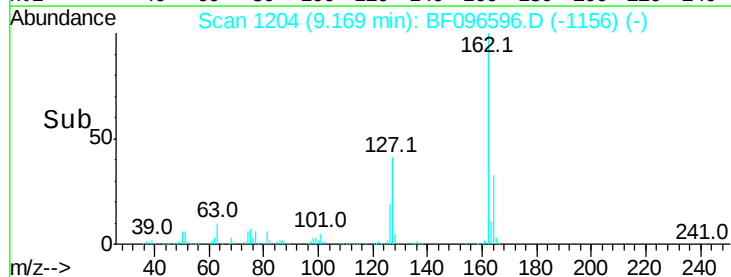
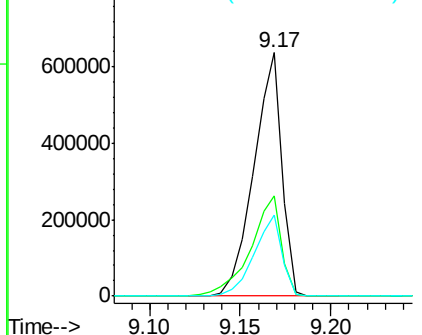
Lab File: BF096596.D

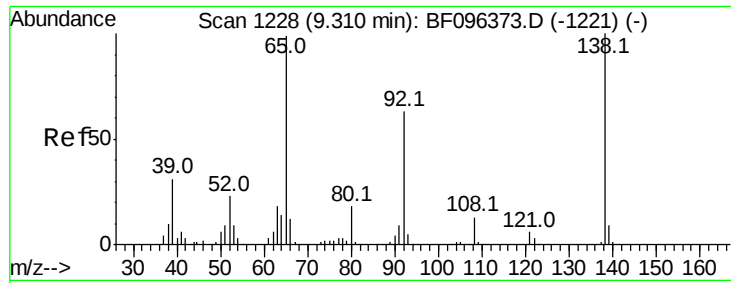
Acq: 10 Jul 2017 13:02

Tgt Ion:	162	Resp:	681705
Ion Ratio	Lower	Upper	
162	100		
127	41.4	28.3	42.5
164	33.4	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





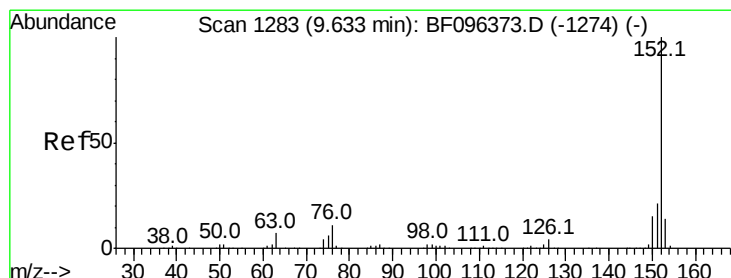
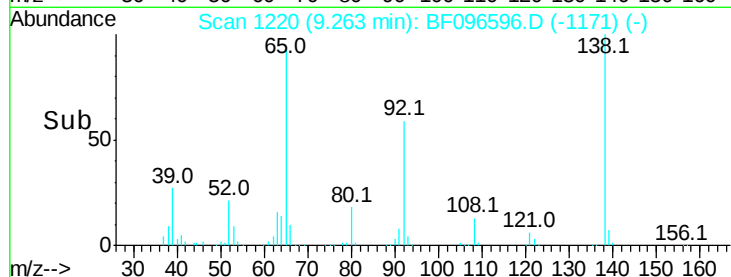
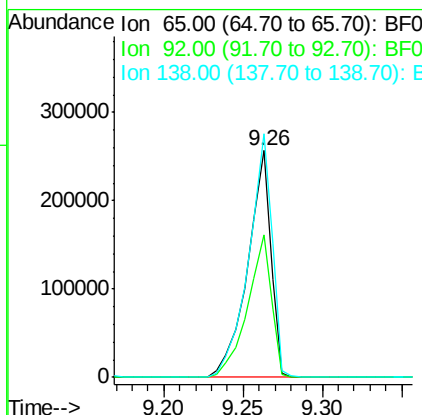
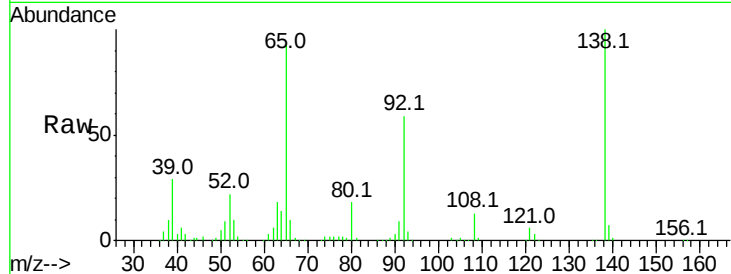
#47
2-Nitroaniline
Concen: 45.88 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.9	80.9
138	107.4	78.8	118.2

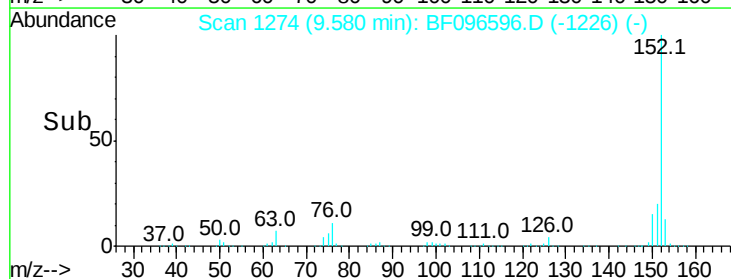
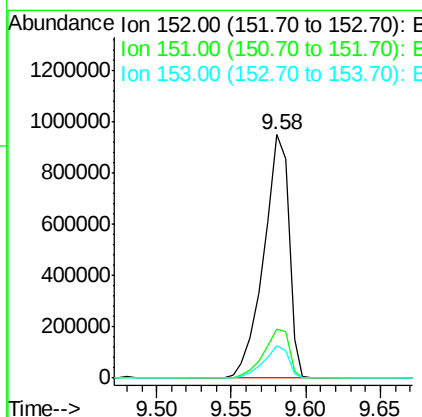
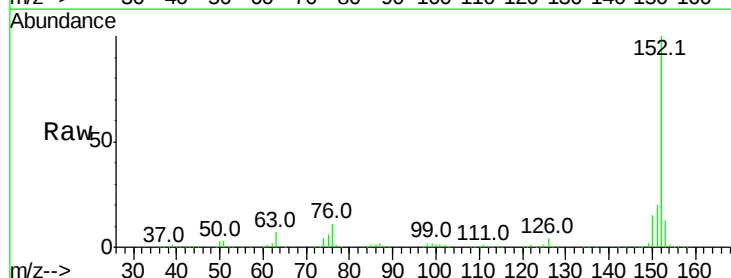
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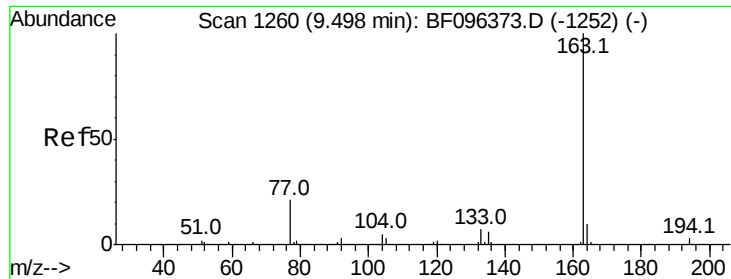
mohammad
7/11/2017 1:35:05 PM



#48
Acenaphthylene
Concen: 44.43 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.1	10.8	16.2





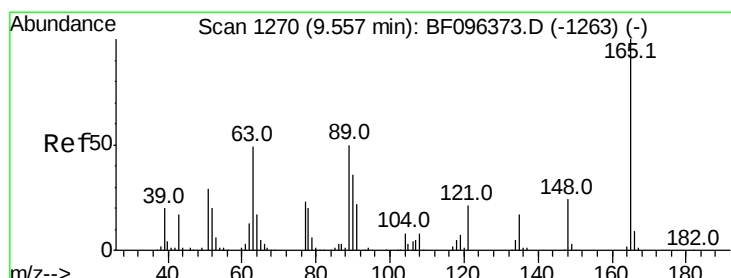
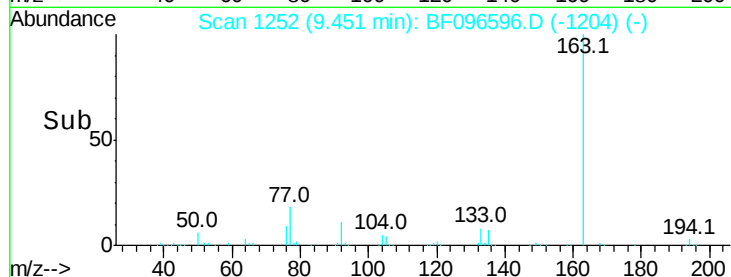
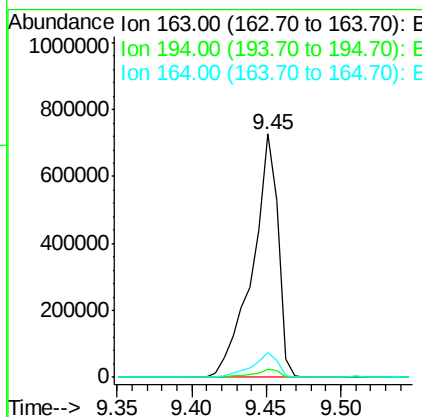
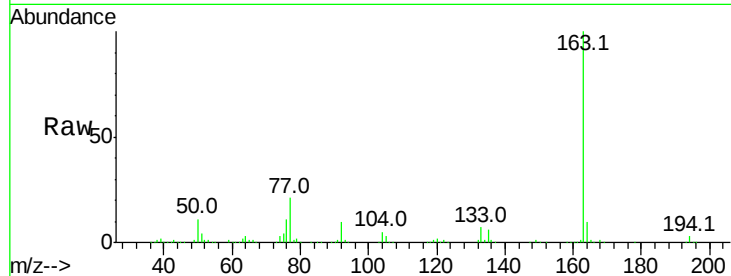
#49
Dimethylphthalate
Concen: 46.77 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	858193		
194	3.1		2.6	4.0
164	10.3		8.4	12.6

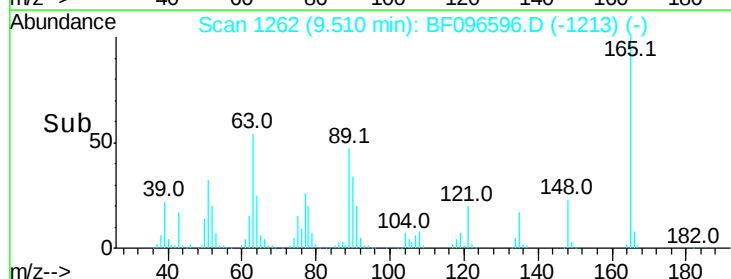
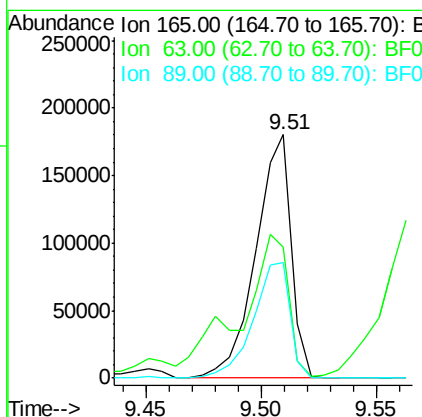
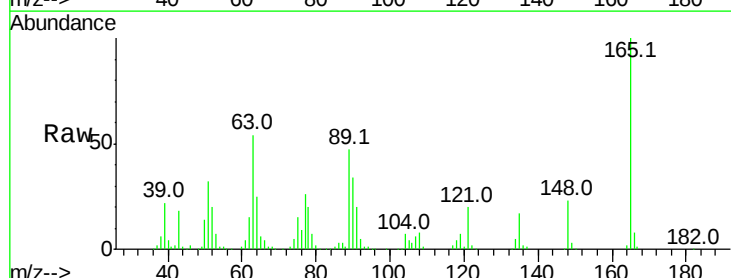
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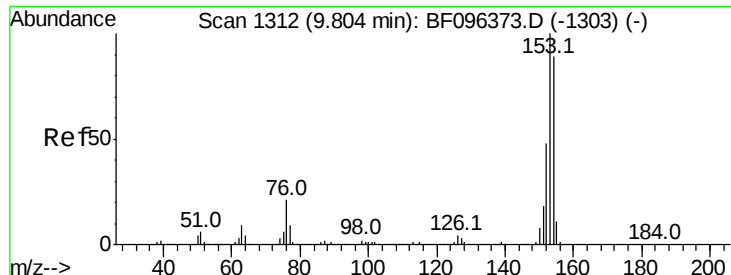
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.42 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192382		
63	53.7		34.3	51.5#
89	47.5		37.1	55.7





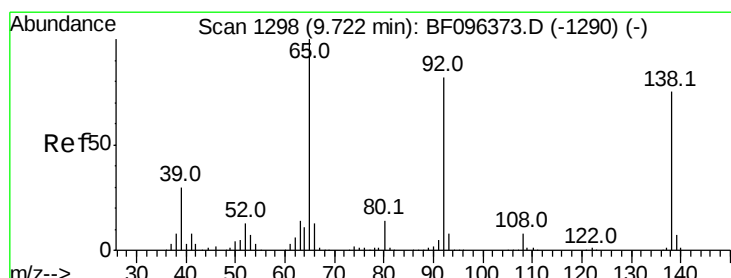
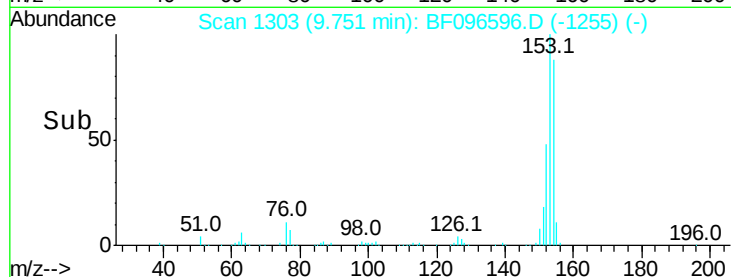
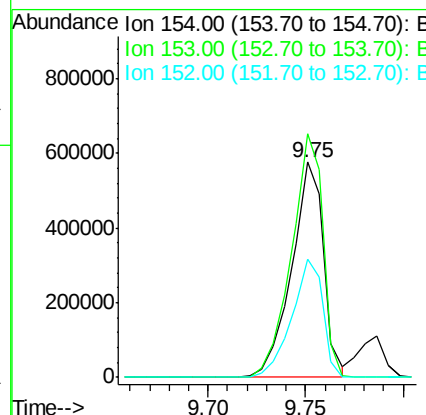
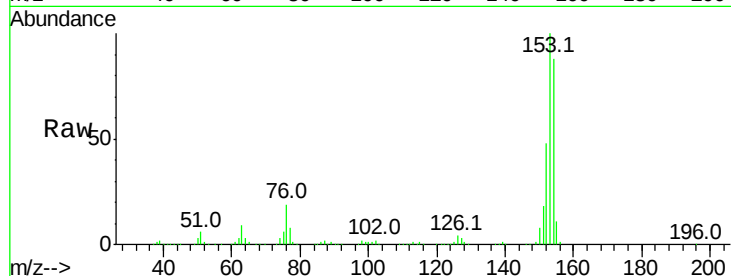
#51
Acenaphthene
Concen: 42.32 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.5	135.7
152	54.9	43.6	65.4

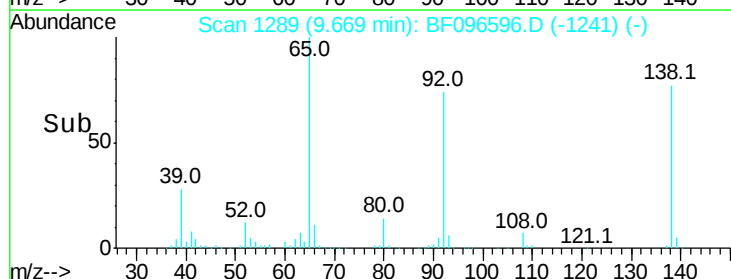
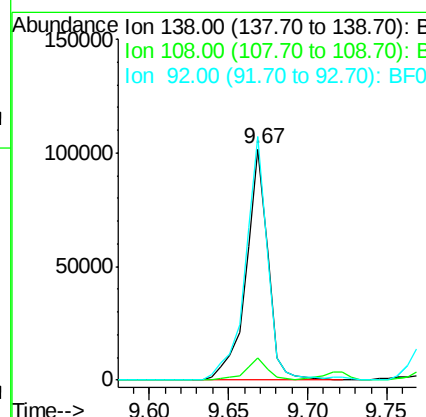
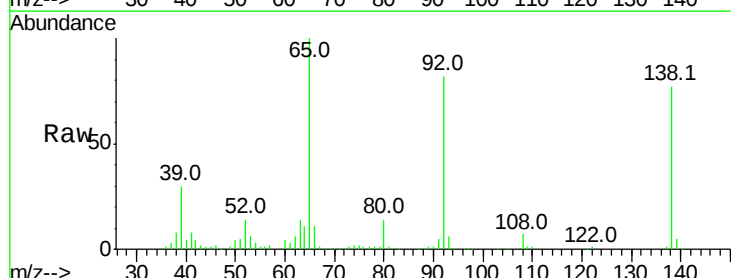
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7/11/2017 1:35:05 PM



#52
3-Nitroaniline
Concen: 19.03 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.1	13.7
92	105.4	93.8	140.6





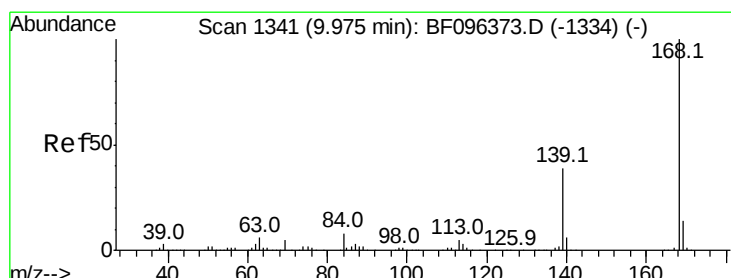
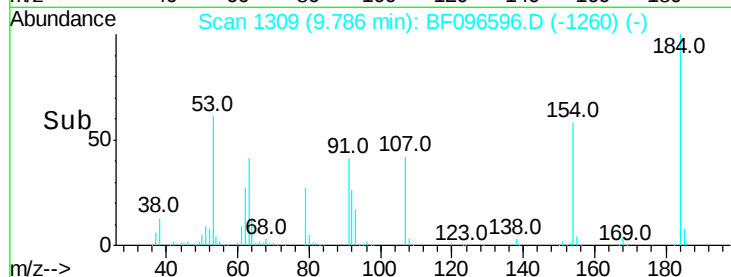
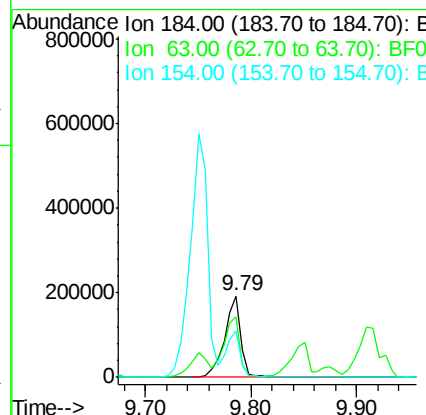
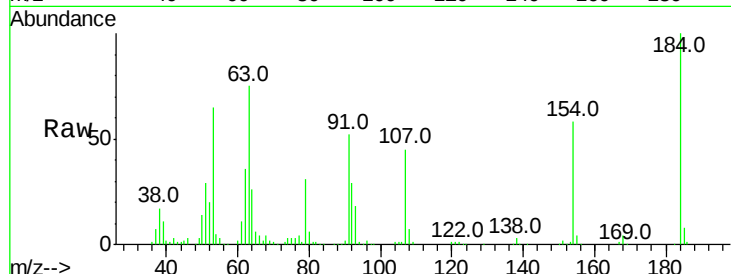
#53
2,4-Dinitrophenol
Concen: 96.42 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	207775		
63	75.3	62.7	94.1	
154	57.7	81.1	121.7	

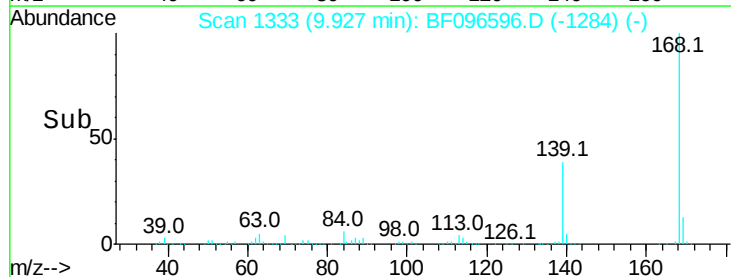
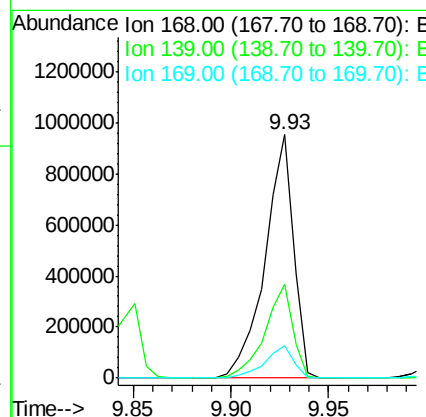
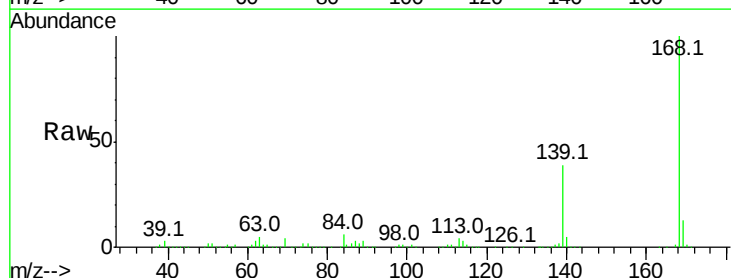
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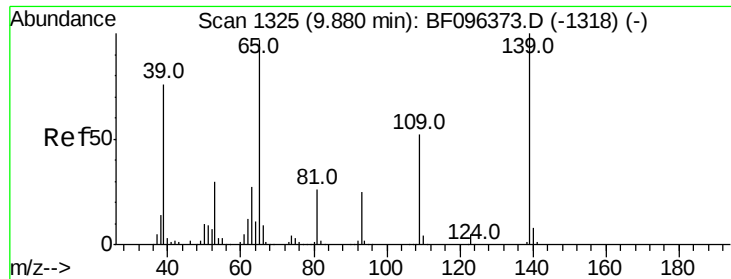
mohammad
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#54
Dibenzofuran
Concen: 47.74 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	966073		
139	38.8	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 75.95 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

SP-1-AMSD

Tot Ion:139 Resp: 318552

Ion Ratio Lower Upper

139 100

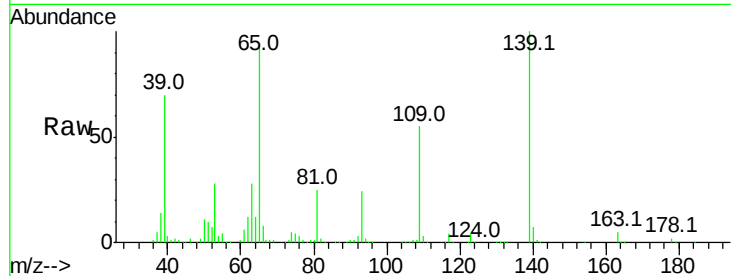
109 54.8 34.1 74.1

65 93.9 31.4 71.4#

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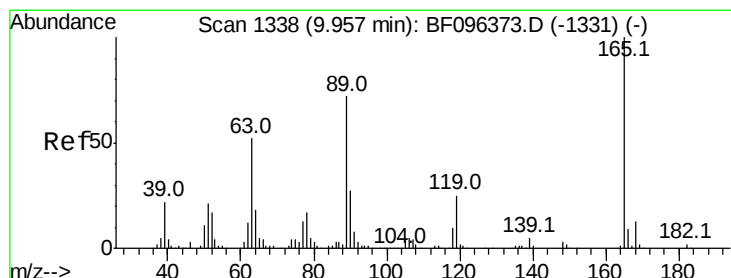
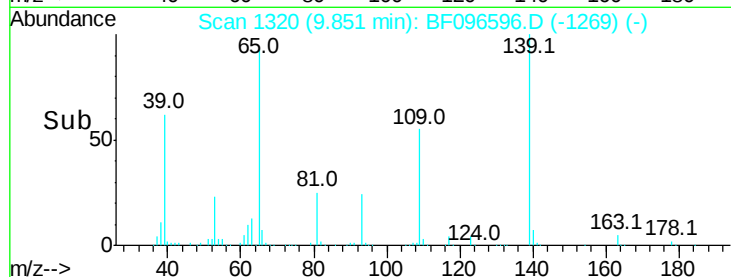
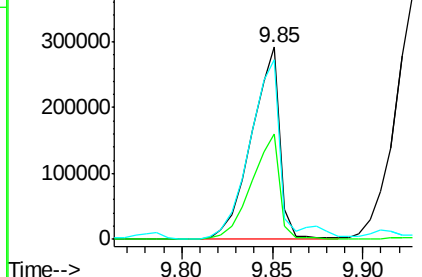
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.17 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:165 Resp: 252633

Ion Ratio Lower Upper

165 100

63 50.8 25.4 38.0#

89 64.2 46.4 69.6

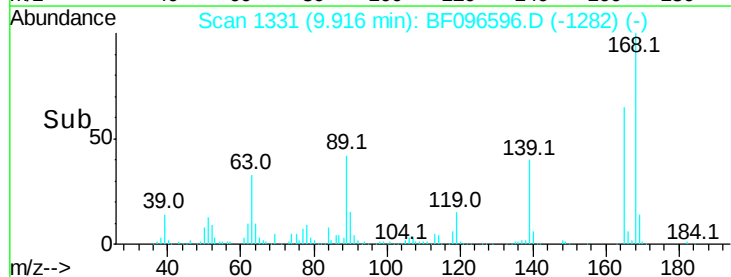
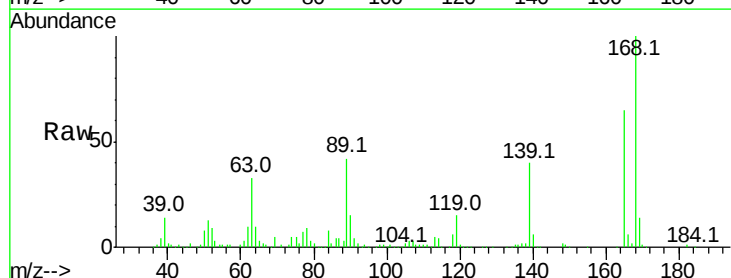
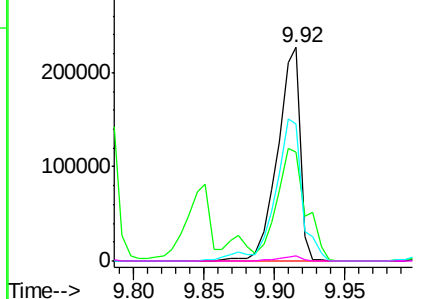
182 2.2 1.8 2.6

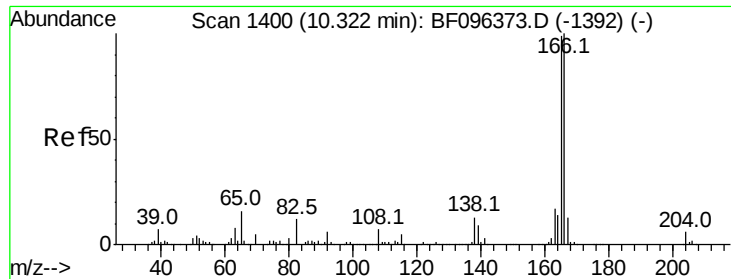
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





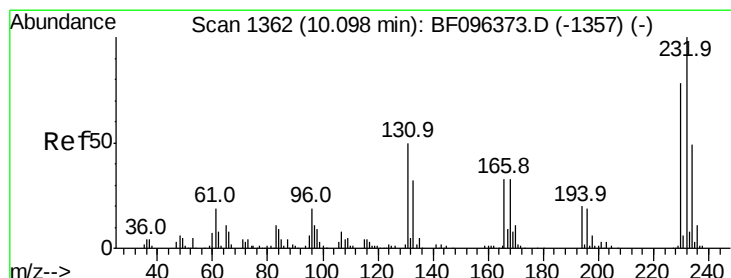
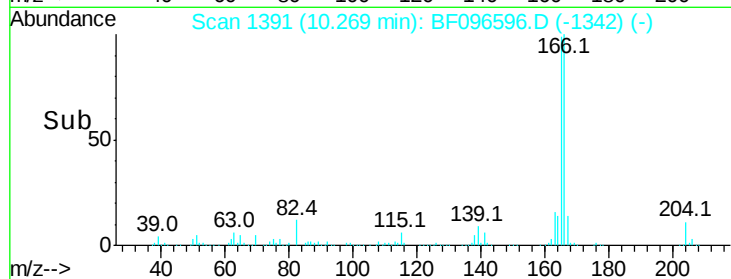
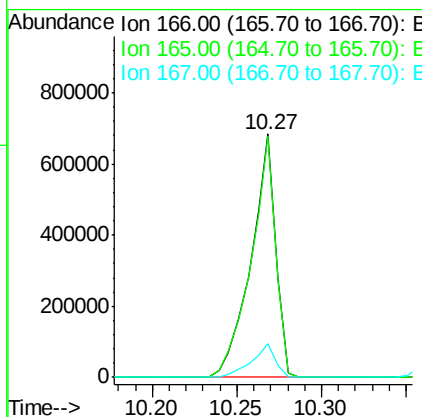
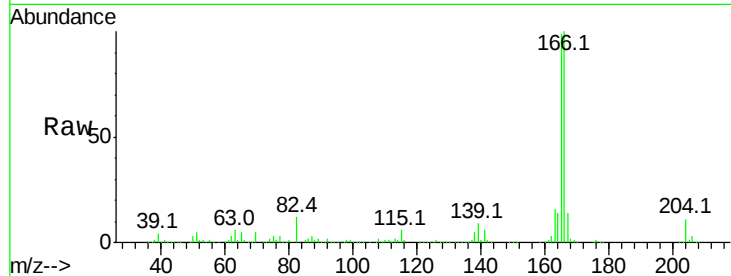
#57
 Fluorene
 Concen: 49.00 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	13.6	10.6	16.0

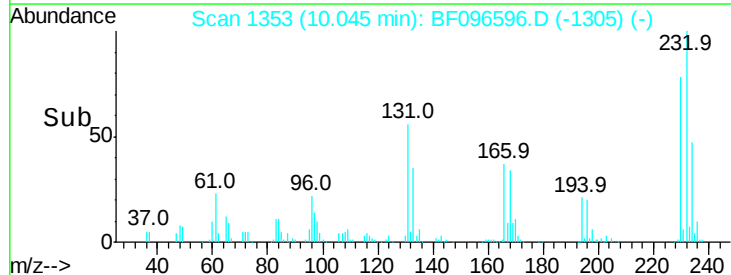
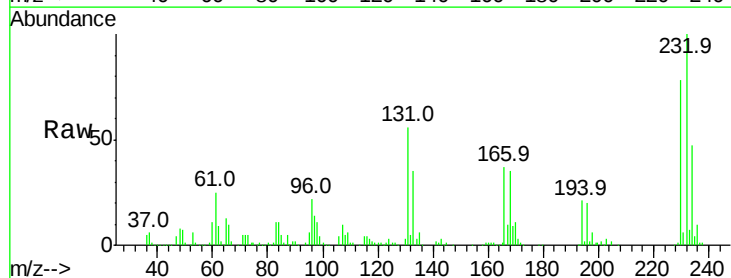
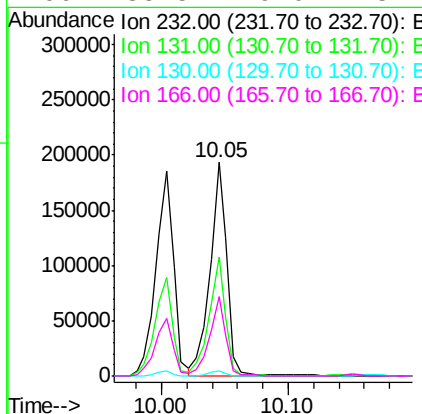
Manual Integrations
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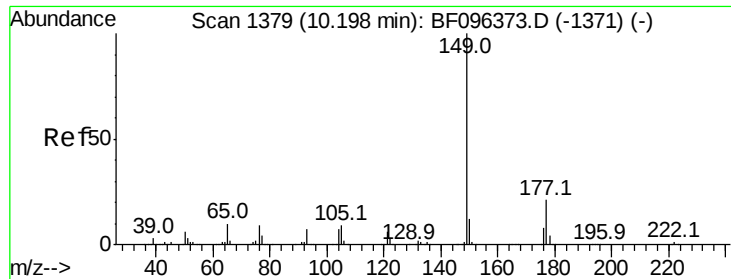
mohammad
 7/11/2017 1:35:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.38 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.5	44.8	67.2
130	2.4	2.3	3.5
166	35.5	29.0	43.4





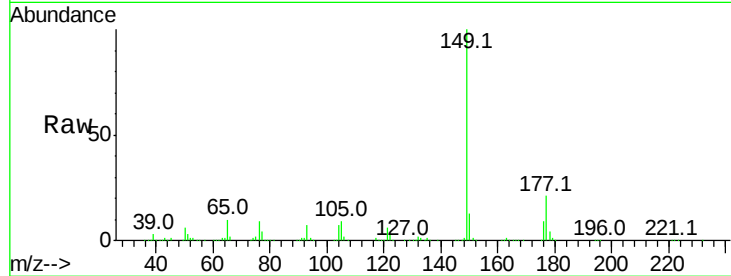
#59
Diethylphthalate
Concen: 47.50 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.7	10.2	15.2

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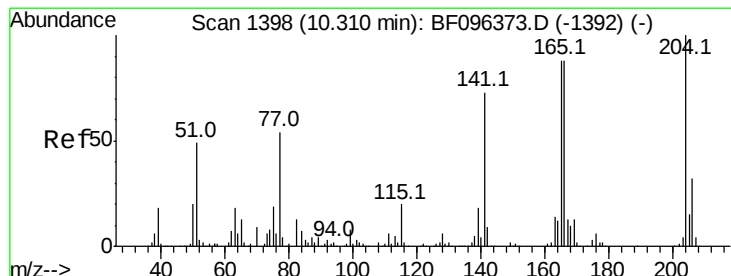
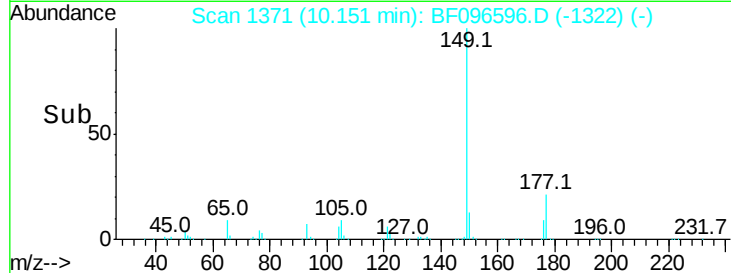
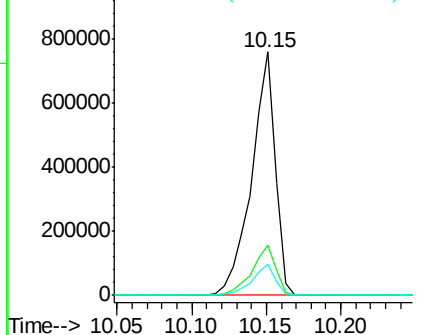


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 46.32 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

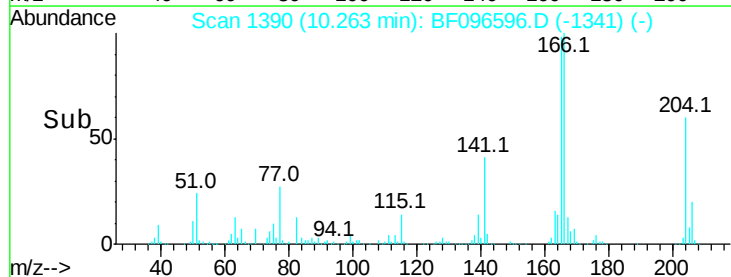
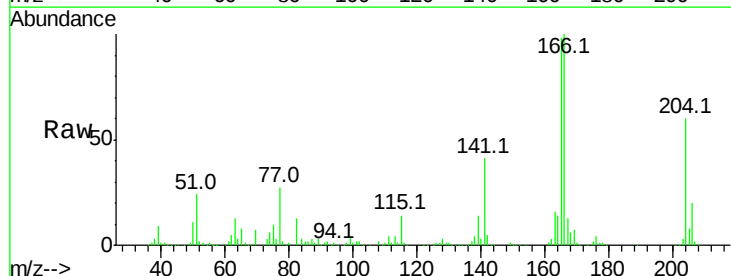
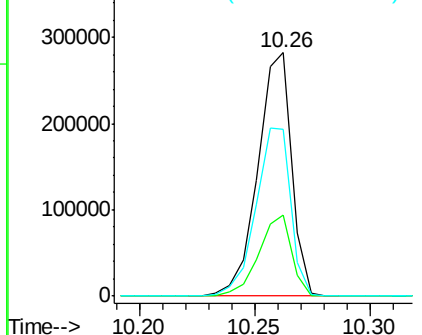
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	68.5	60.8	91.2

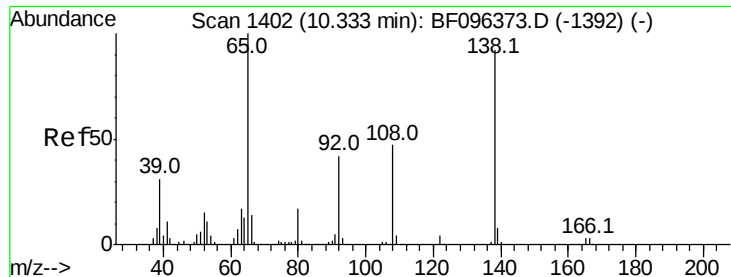
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.08 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

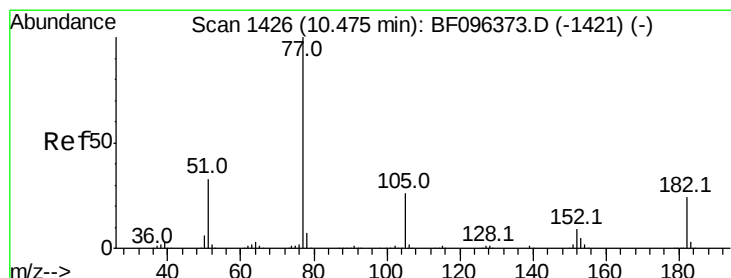
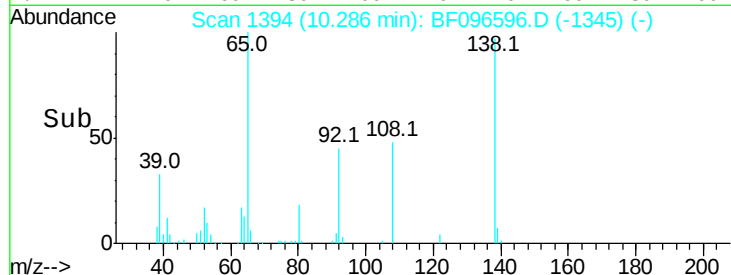
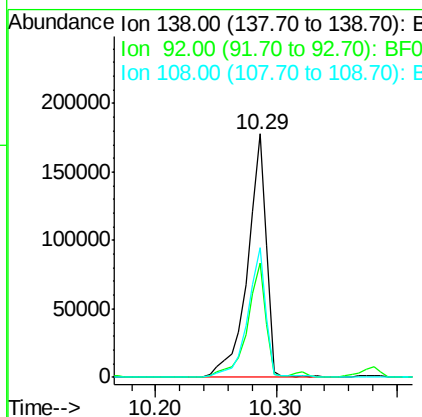
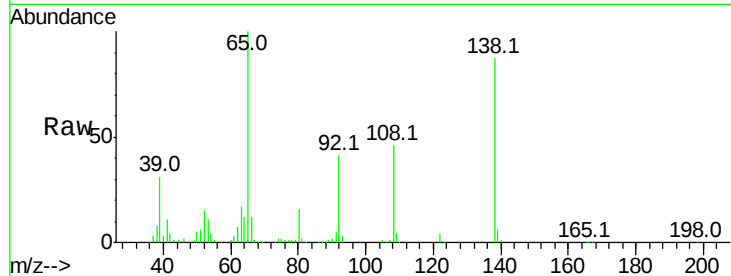
ClientSampleId :

SP-1-AMSD

Tot Ion:	138	Resp:	193638
Ion Ratio	Lower	Upper	
138	100		
92	46.8	21.8	61.8
108	53.4	42.3	82.3

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#62

Azobenzene

Concen: 47.44 ng

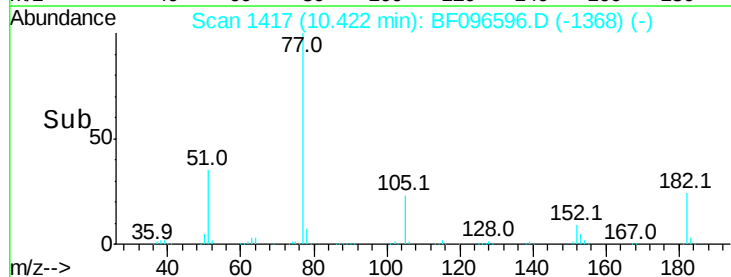
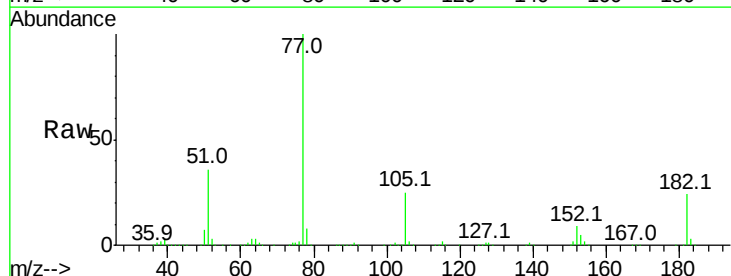
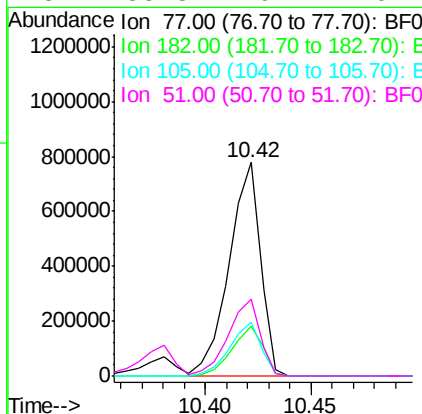
RT: 10.42 min Scan# 1417

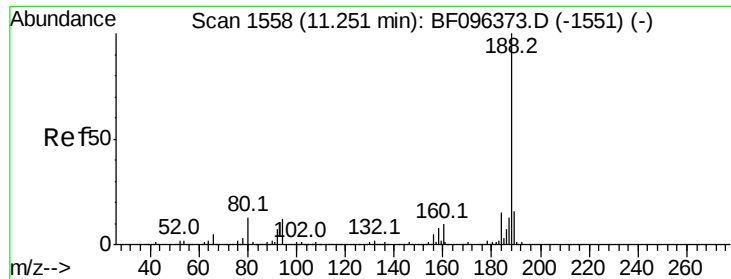
Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:	77	Resp:	795564
Ion Ratio	Lower	Upper	
77	100		
182	23.6	0.1	40.1
105	25.1	3.6	43.6
51	35.8	9.4	49.4





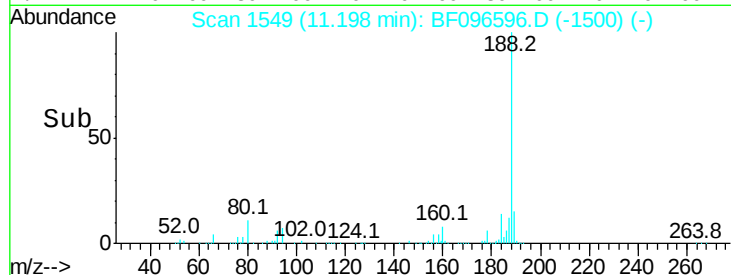
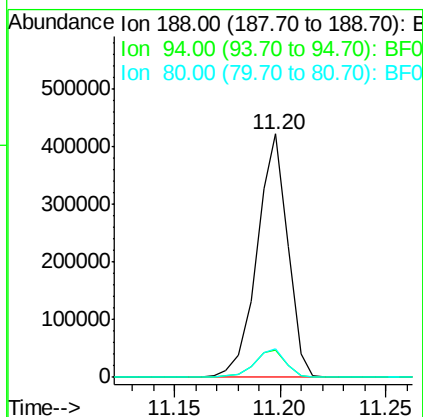
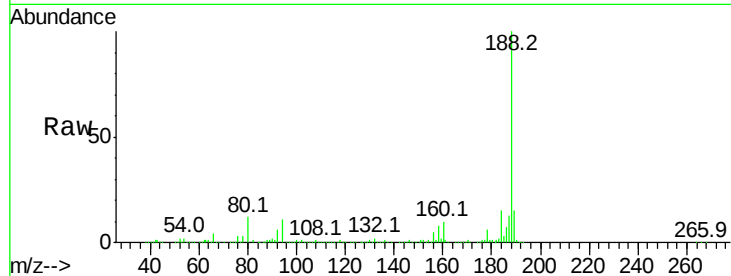
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	11.6	10.2	15.2	

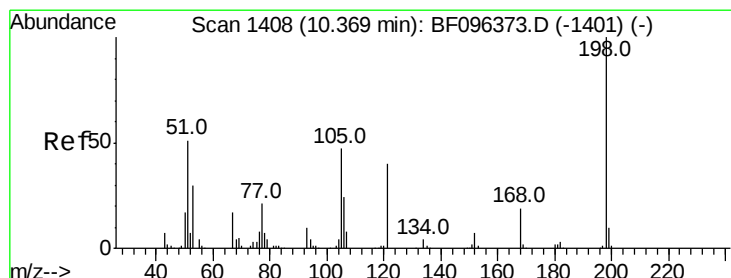
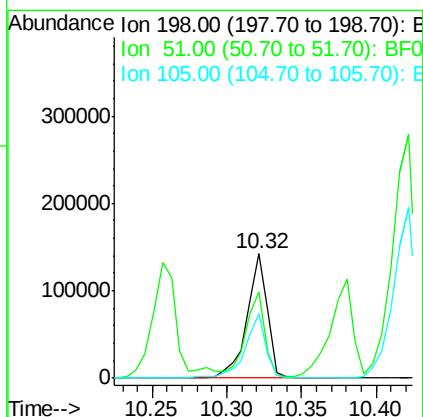
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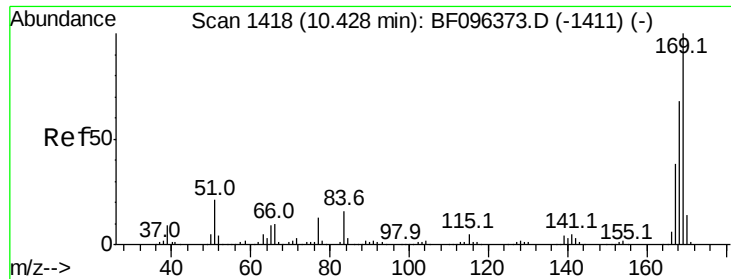
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.61 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	69.8	53.2	93.2	
105	51.6	45.8	85.8	





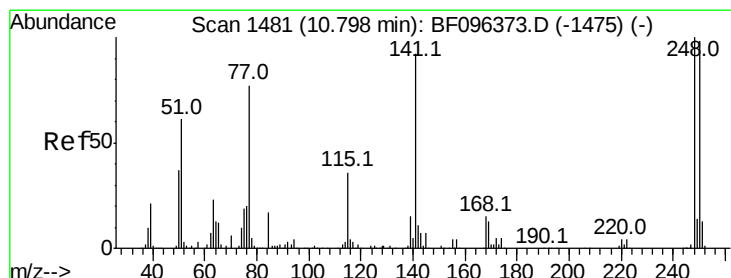
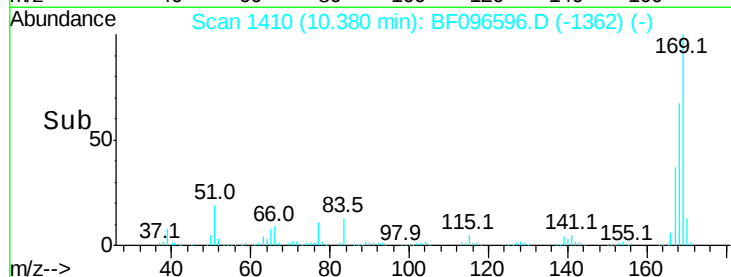
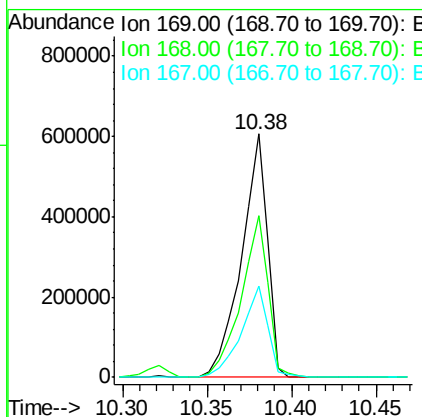
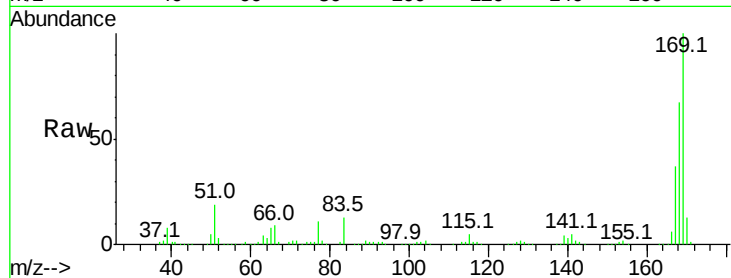
#65
n-Nitrosodiphenylamine
Concen: 43.80 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	654651		
168	66.6		53.2	79.8
167	37.3		29.5	44.3

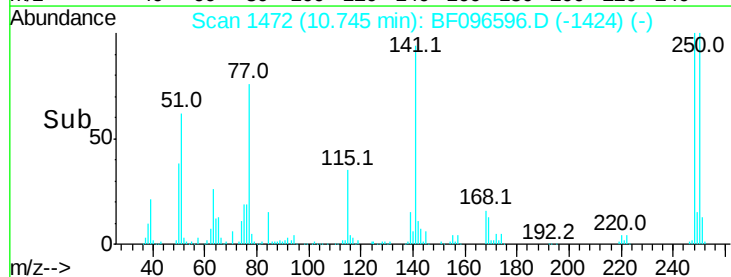
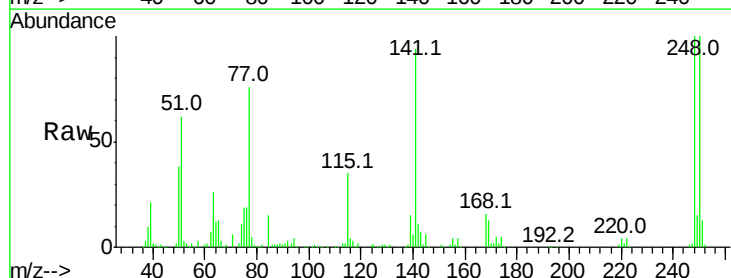
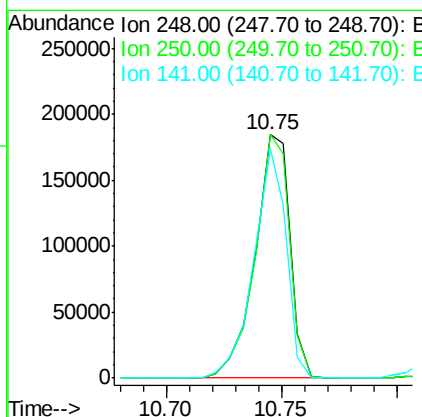
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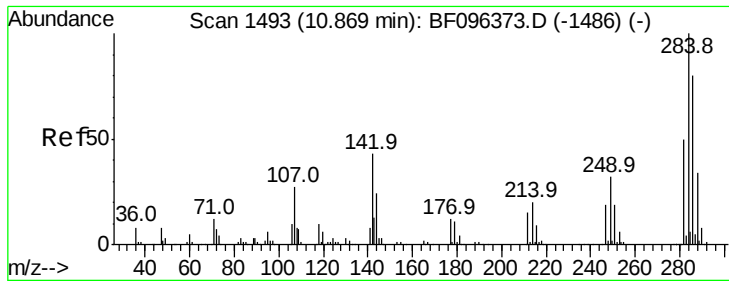
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 47.08 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195255		
250	99.8		76.8	115.2
141	94.1		68.6	103.0





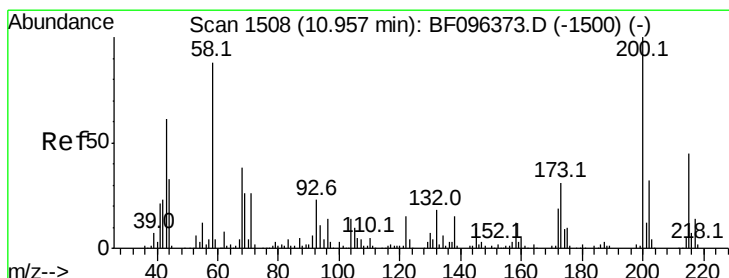
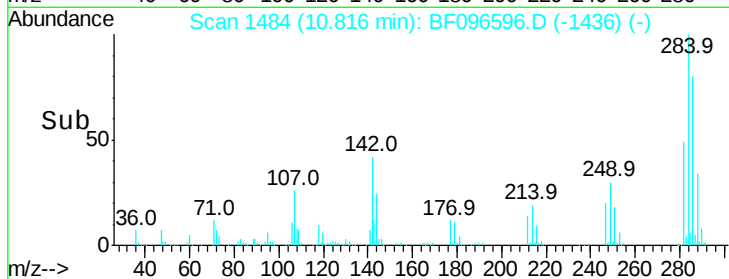
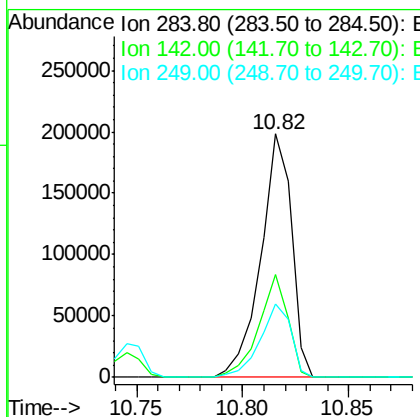
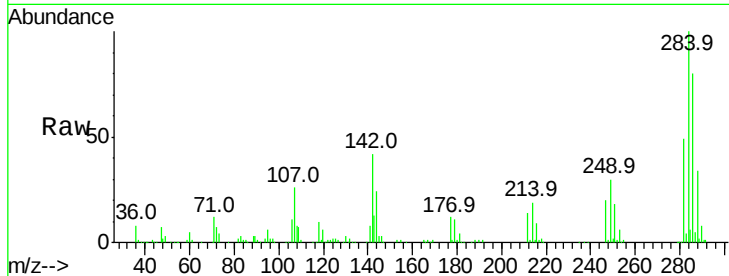
#67
Hexachlorobenzene
Concen: 44.47 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	201891		
142	42.3	22.8	34.2#	
249	30.0	24.0	36.0	

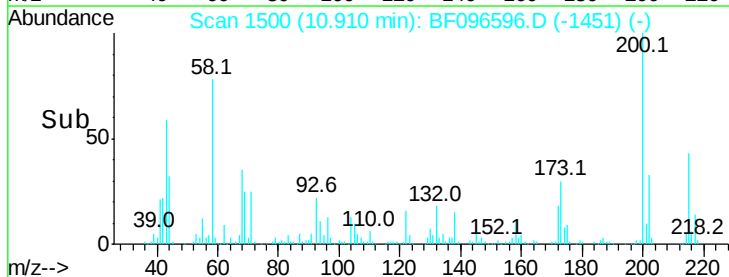
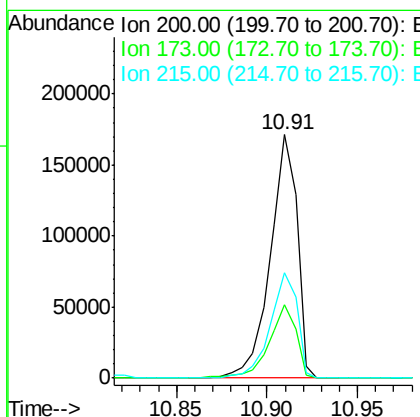
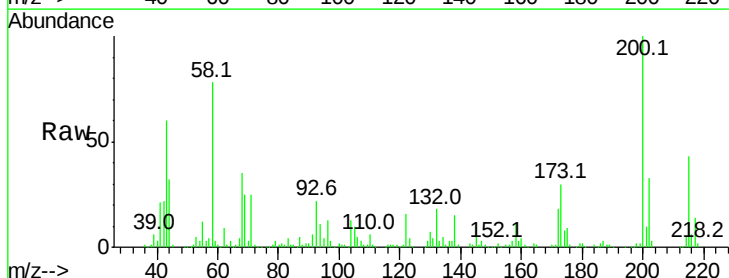
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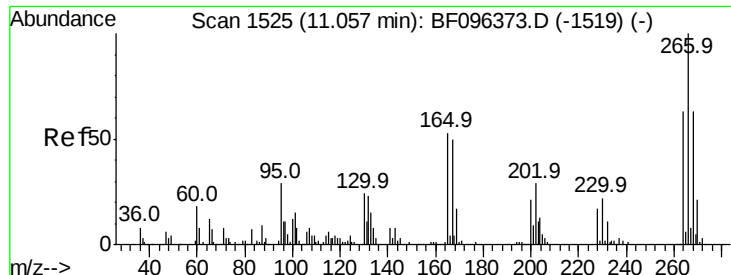
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#68
Atrazine
Concen: 41.10 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	175524		
173	30.1	6.3	46.3	
215	43.4	27.2	67.2	





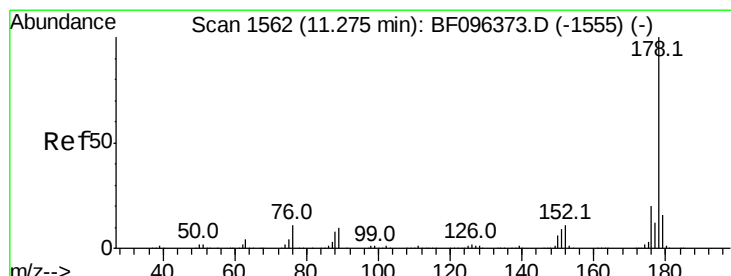
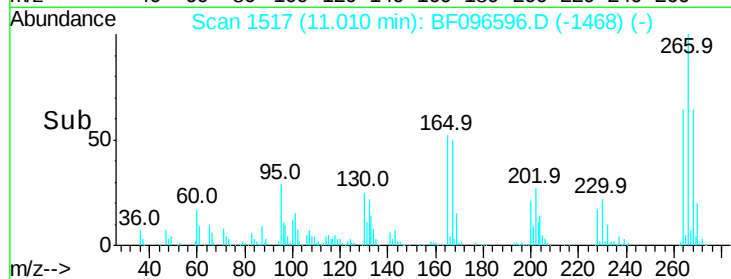
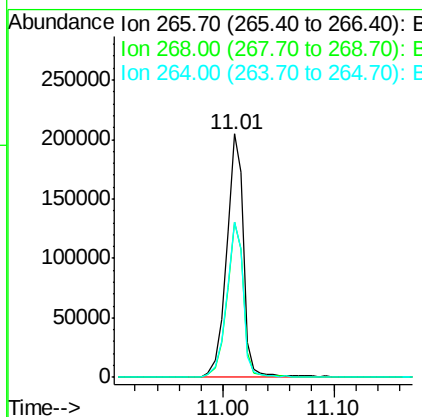
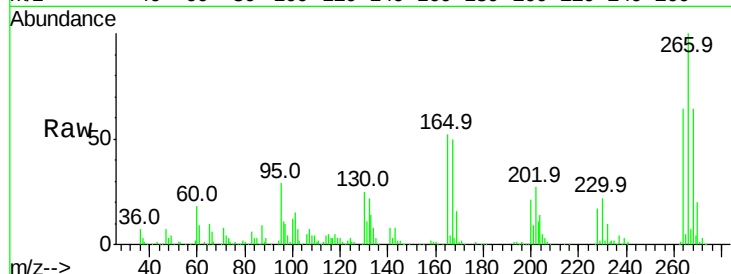
#69
 Pentachlorophenol
 Concen: 81.84 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	220179		
268	63.8		51.1	76.7
264	63.7		51.7	77.5

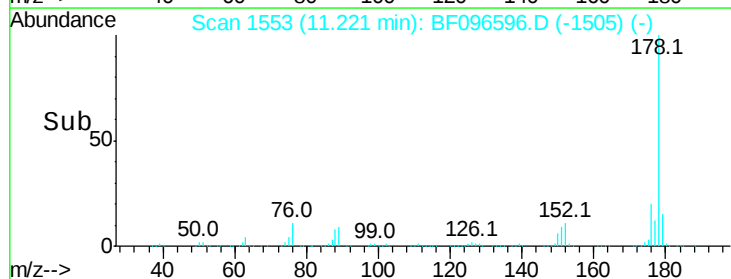
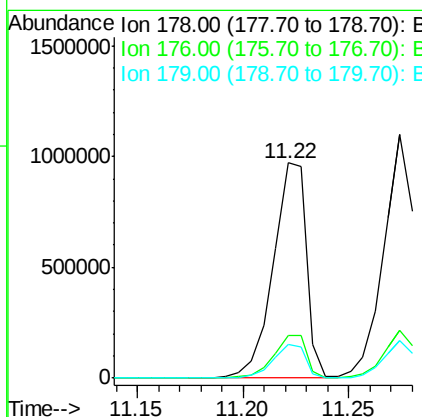
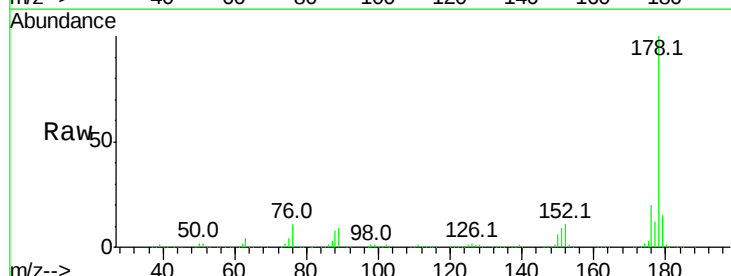
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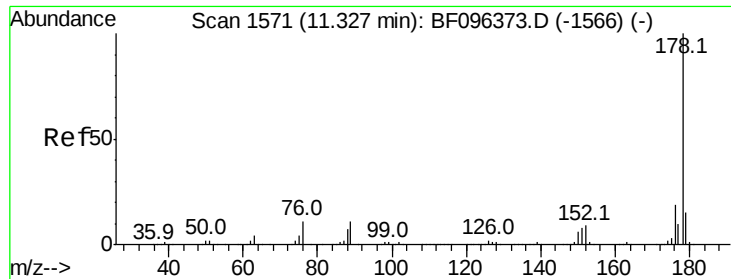
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#70
 Phenanthrene
 Concen: 46.28 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1065820		
176	19.8		16.2	24.4
179	15.5		12.6	19.0





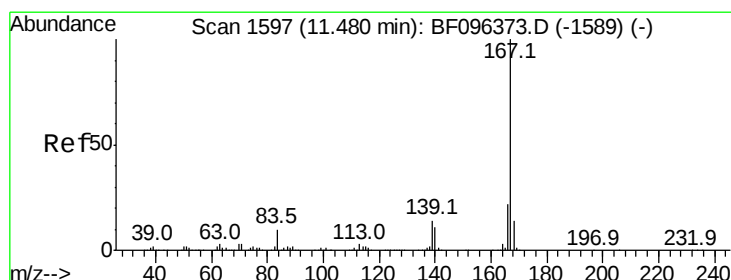
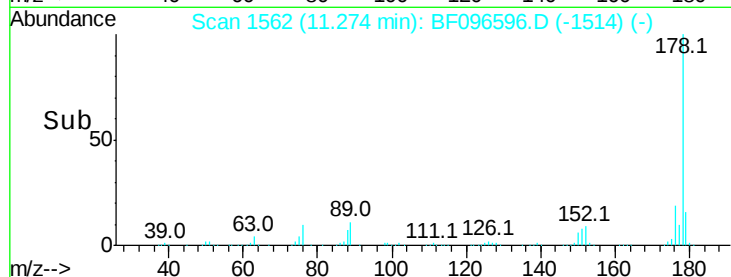
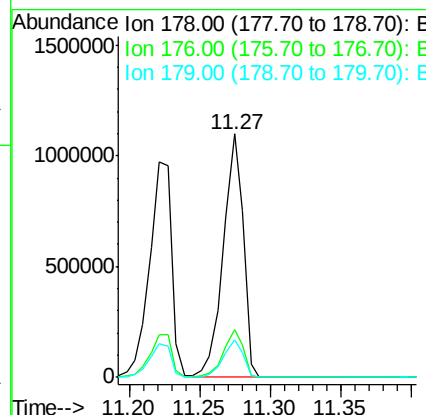
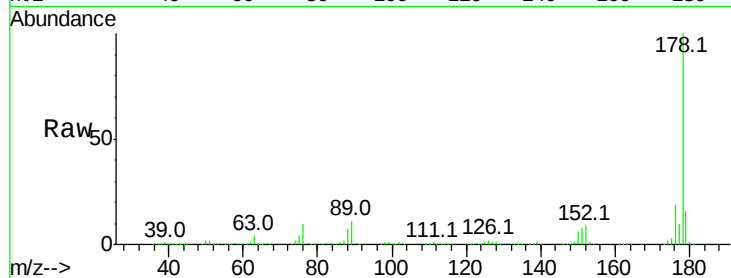
#71
 Anthracene
 Concen: 46.27 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion:178 Resp: 1085927
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 12.7 19.1

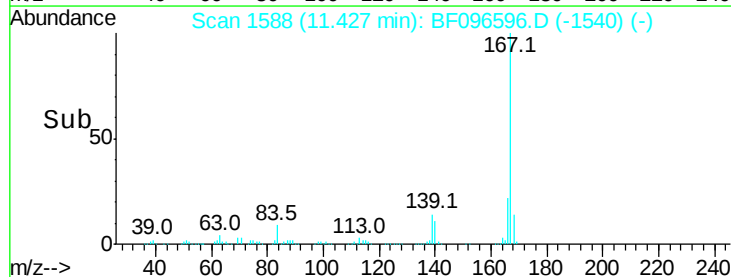
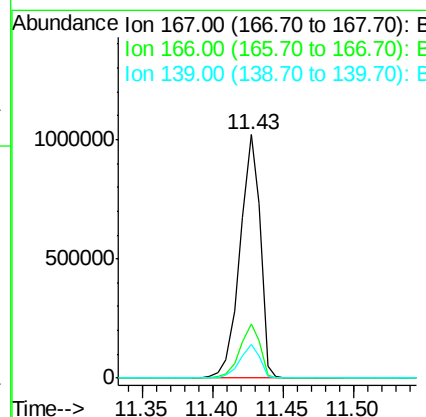
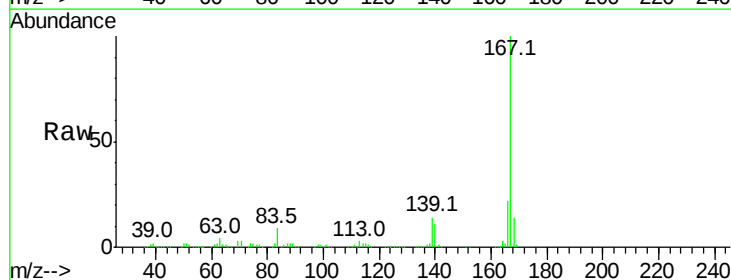
Manual Integrations
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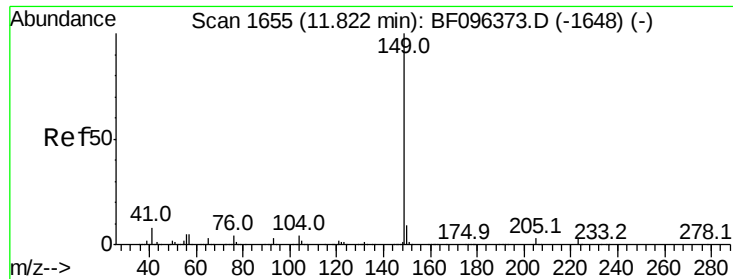
mohammad
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#72
 Carbazole
 Concen: 43.18 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:167 Resp: 1019036
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.23 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

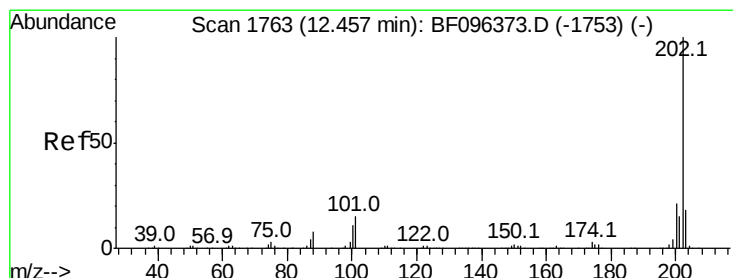
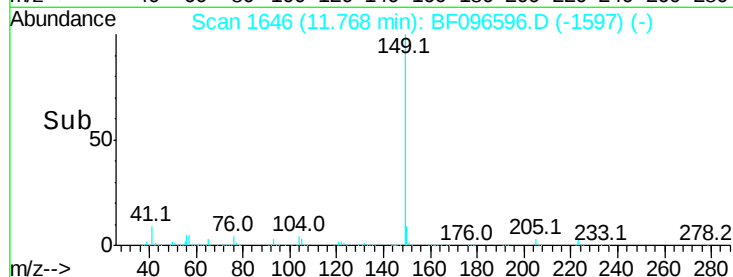
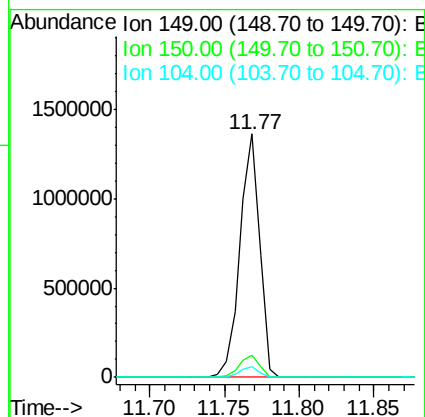
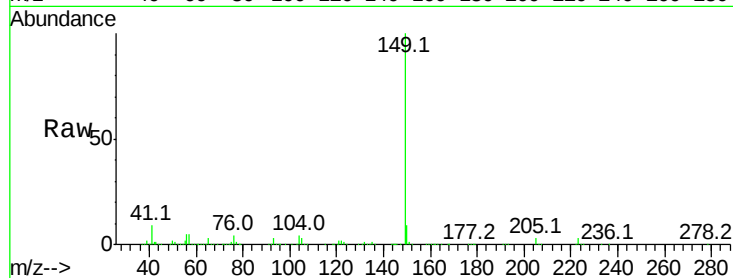
ClientSampleId :

SP-1-AMSD

Tot Ion:	149	Resp:	1264439
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 46.76 ng

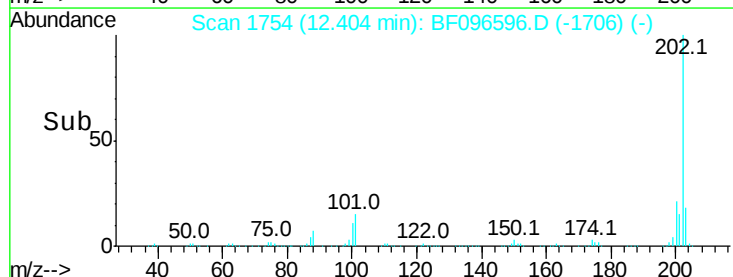
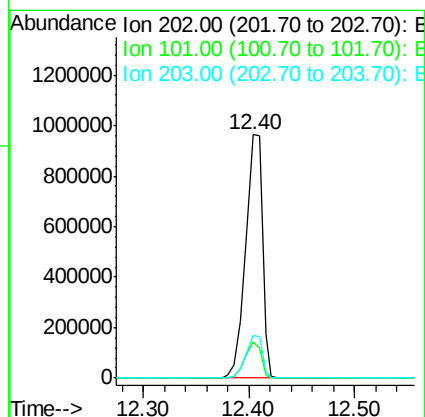
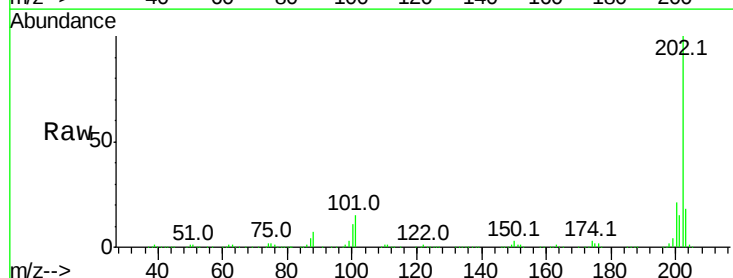
RT: 12.40 min Scan# 1754

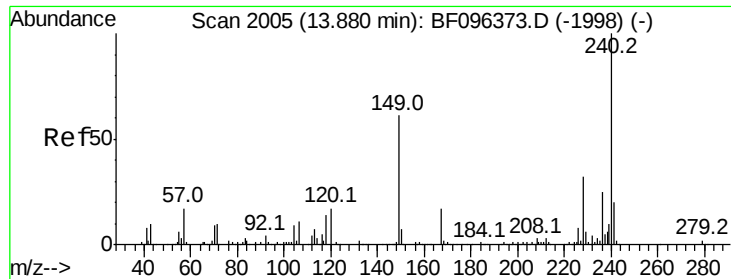
Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:	202	Resp:	1055690
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

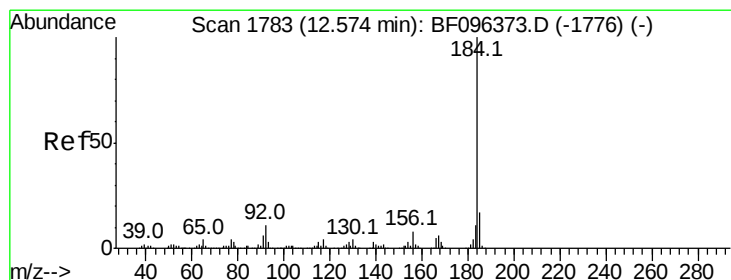
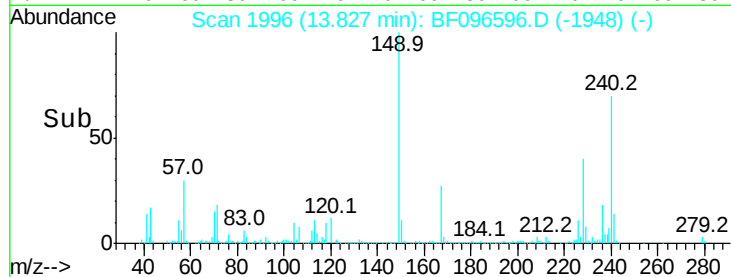
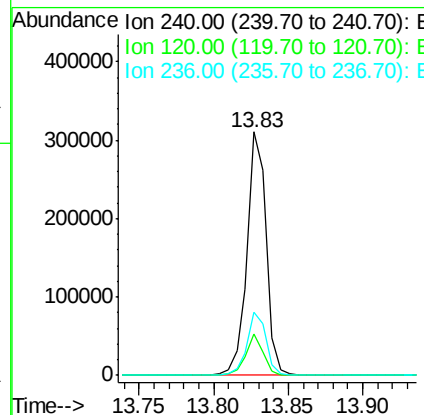
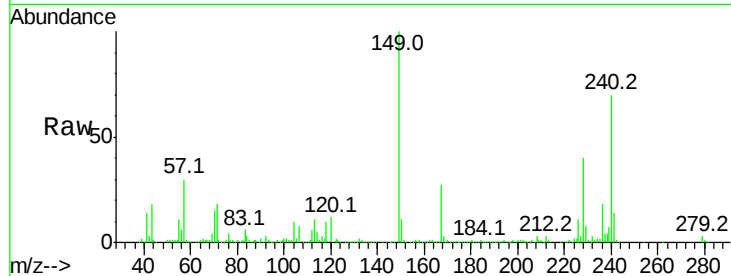
ClientSampleId :

SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.0	5.8	8.8#
236	25.8	20.5	30.7

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#76

Benzidine

Concen: 4.30 ng

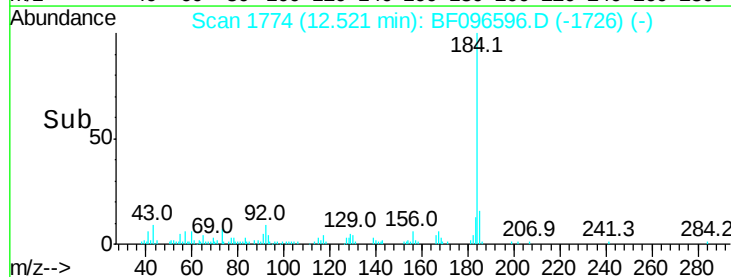
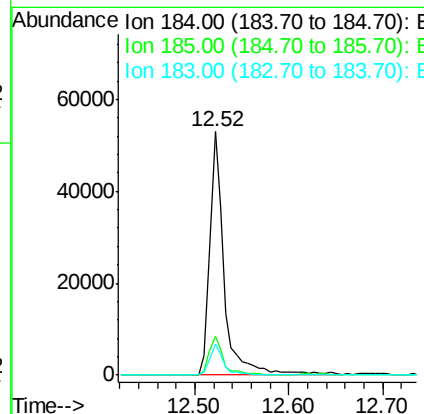
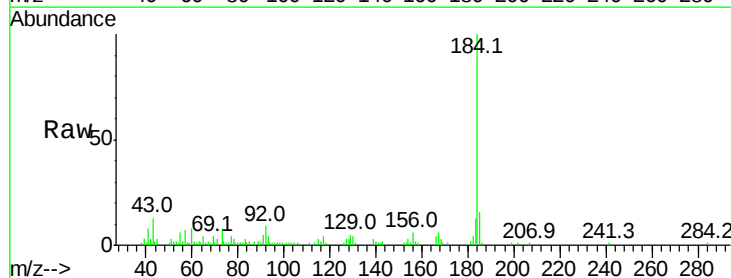
RT: 12.52 min Scan# 1774

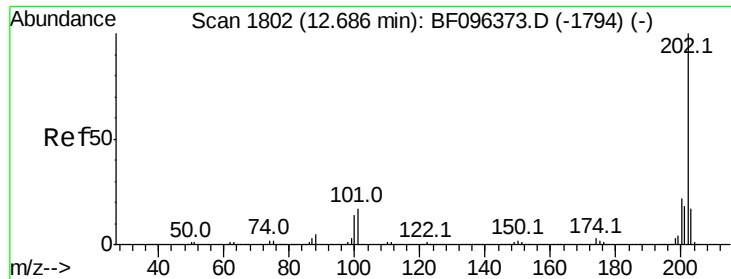
Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	15.5	23.3
183	12.7	9.8	14.6





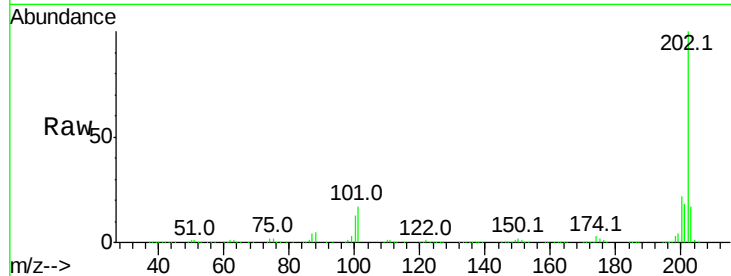
#77
Pvrene
Concen: 48.65 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :
SP-1-AMSD

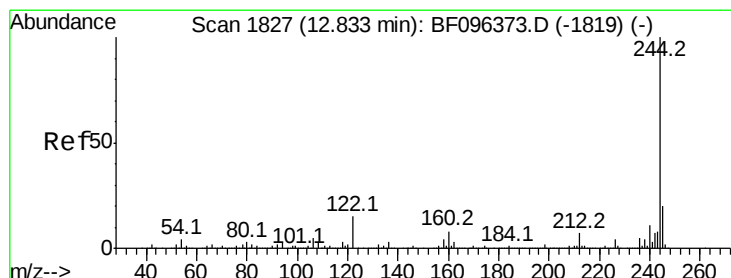
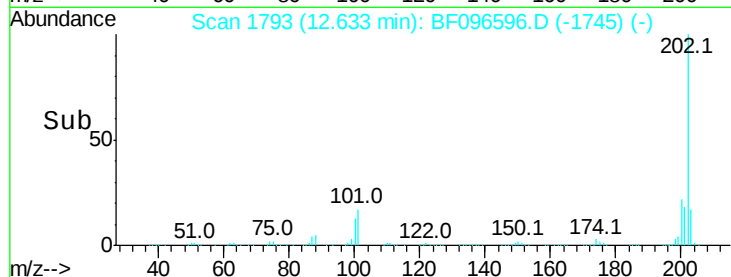
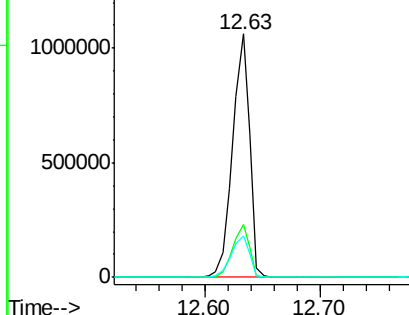
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.1	14.4	21.6

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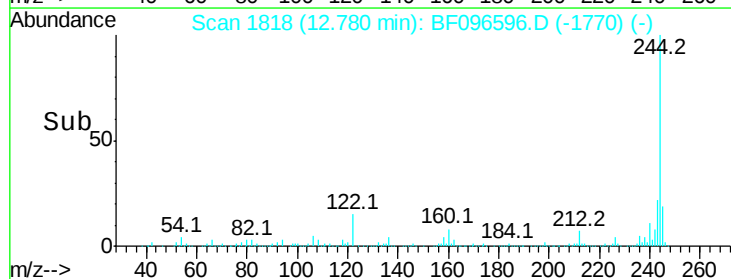
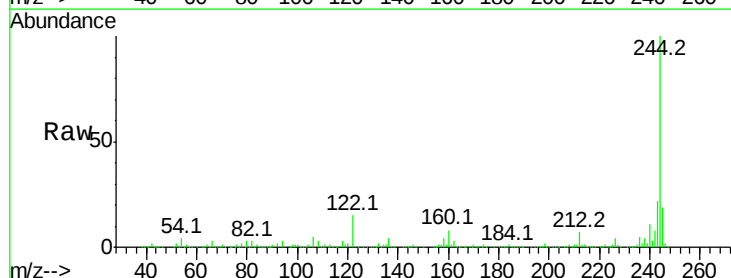
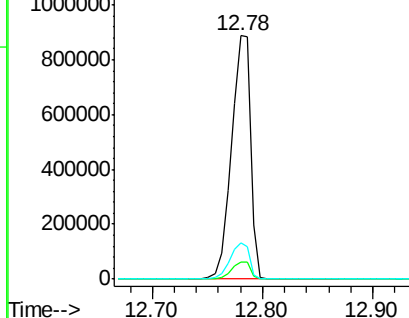
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

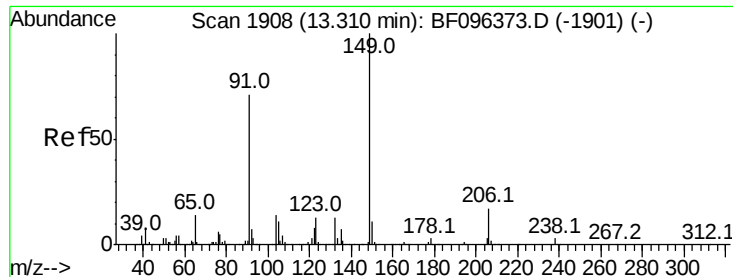


#78
Terphenyl-d14
Concen: 83.78 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.0	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





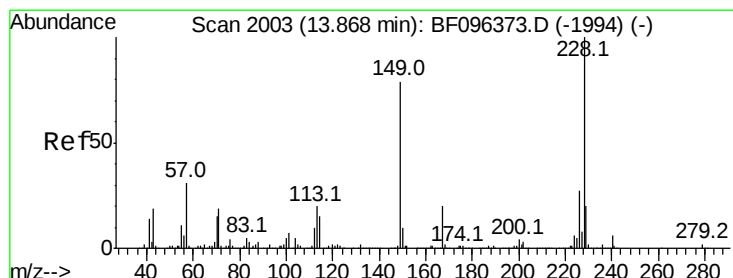
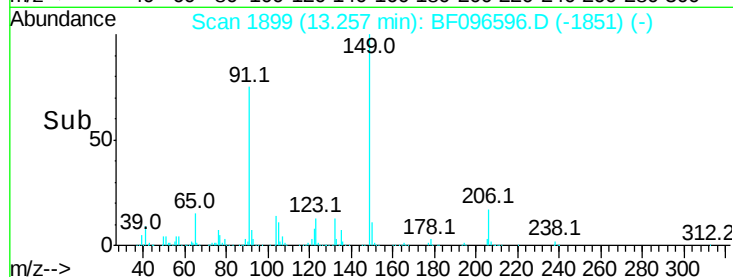
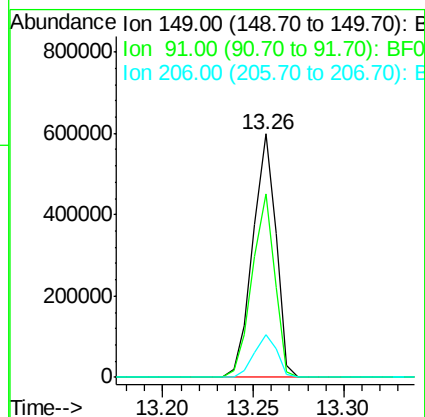
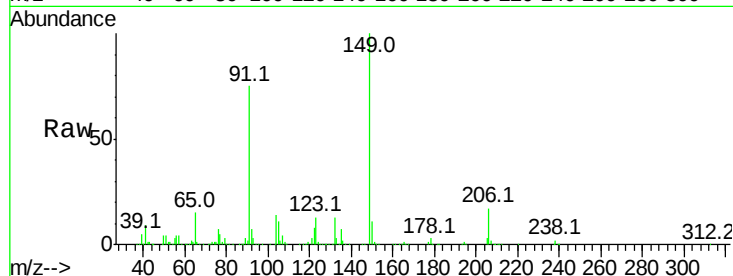
#79
Butylbenzylphthalate
Concen: 47.45 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.1	45.0	67.4#	
206	17.5	17.0	25.6	

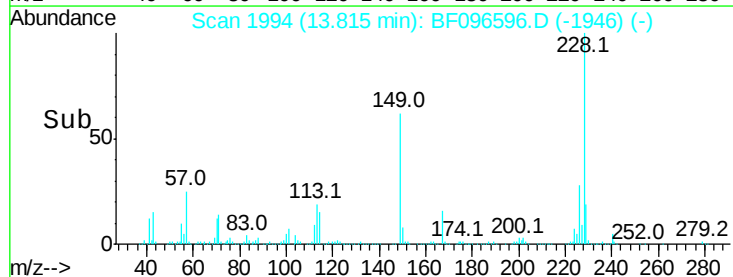
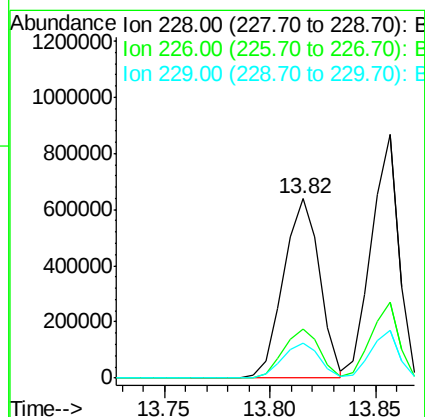
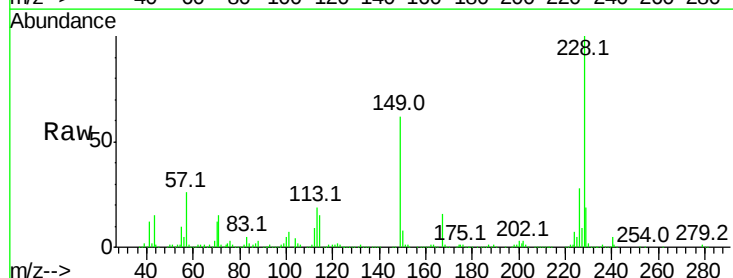
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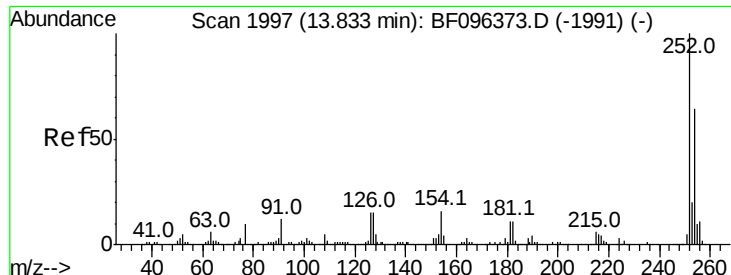
mohammad
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#80
Benzo(a)anthracene
Concen: 47.73 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.5	22.6	33.8	
229	19.5	16.3	24.5	





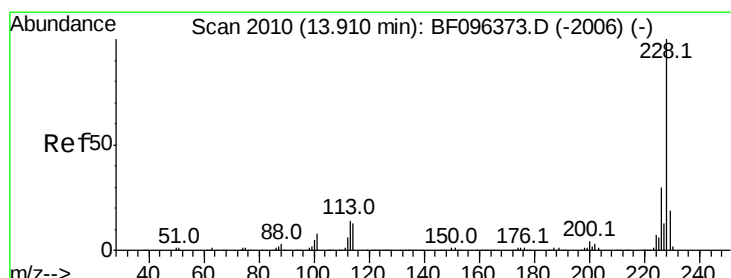
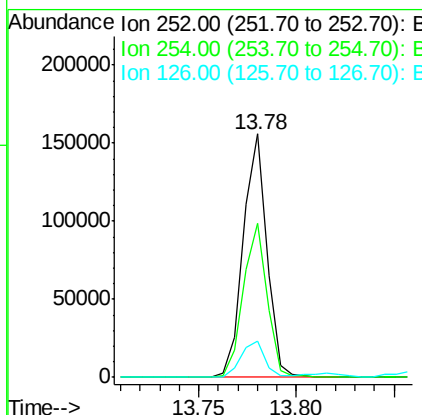
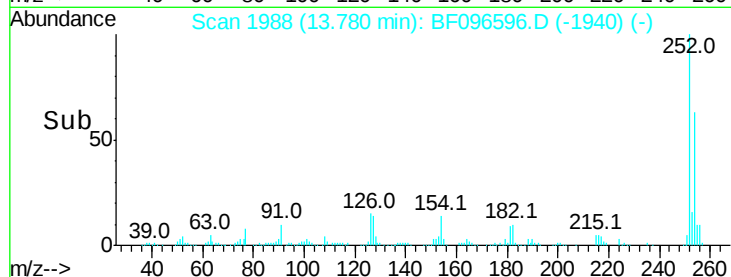
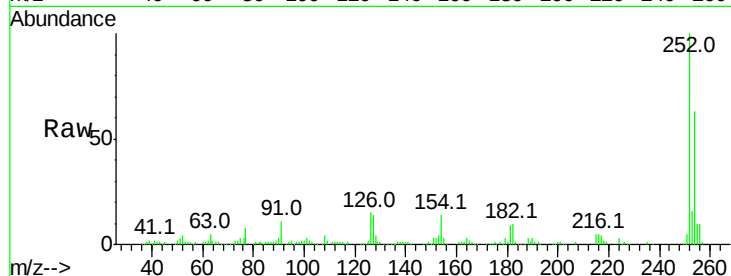
#81
 3,3'-Dichlorobenzidine
 Concen: 19.91 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	130823		
254	63.5	51.5	77.3	
126	14.7	15.8	23.8	

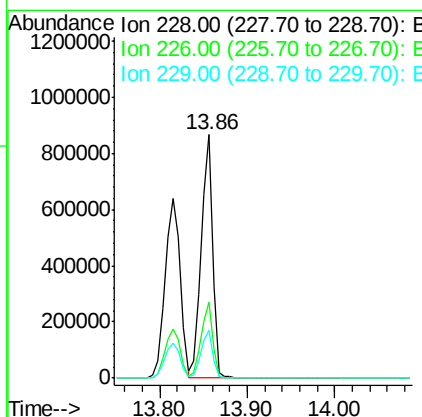
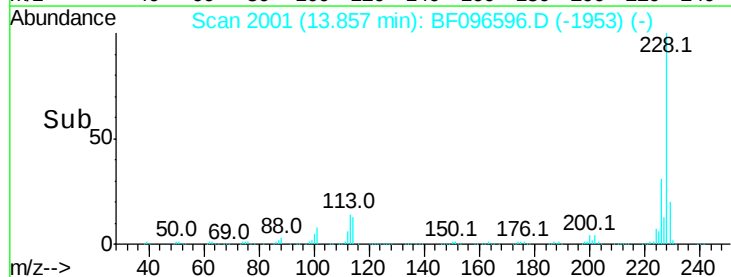
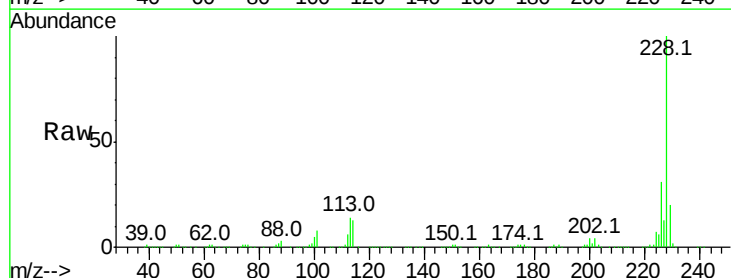
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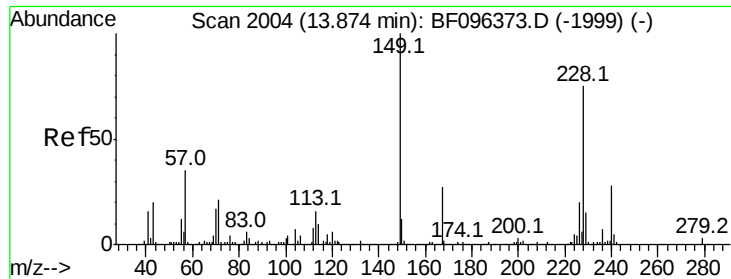
mohammad
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#82
 Chrysene
 Concen: 47.51 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	796030		
226	31.0	24.9	37.3	
229	19.6	15.8	23.6	





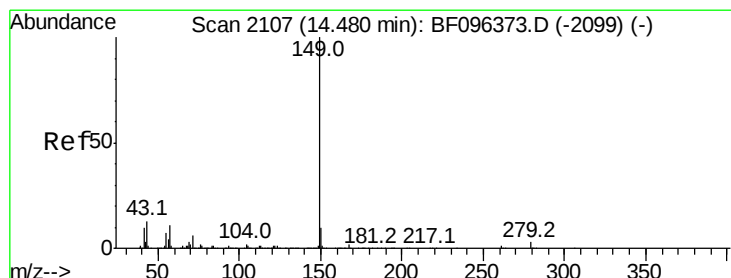
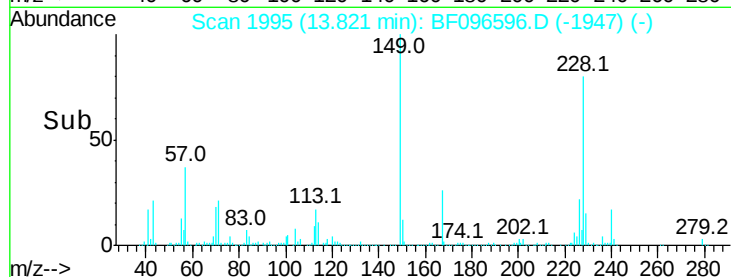
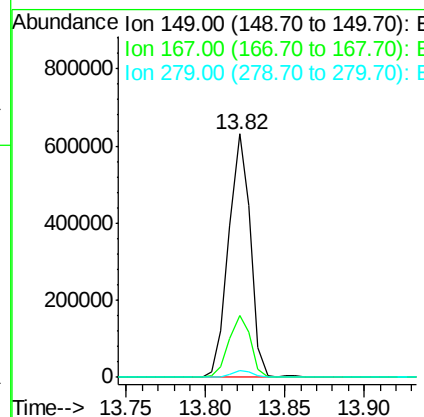
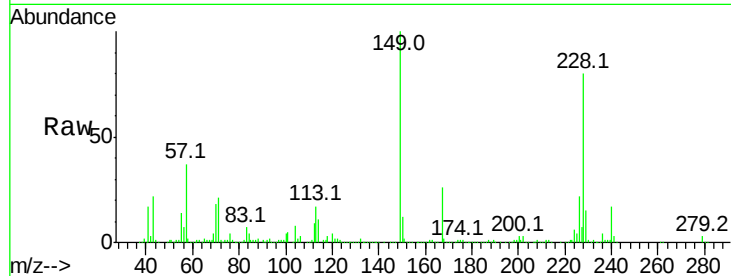
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.80 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	598968		
167	25.6		21.0	31.4
279	2.7		1.9	2.9

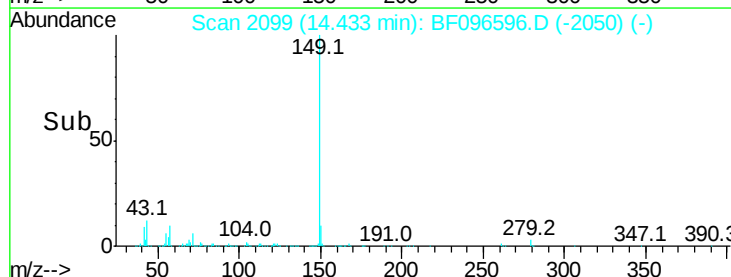
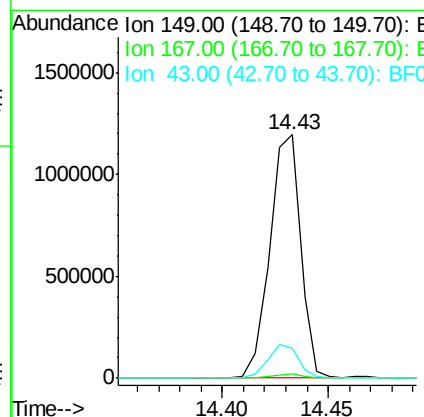
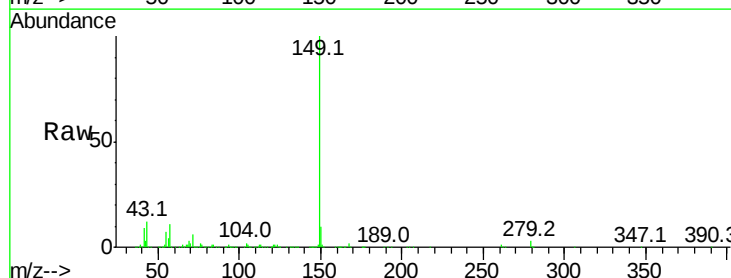
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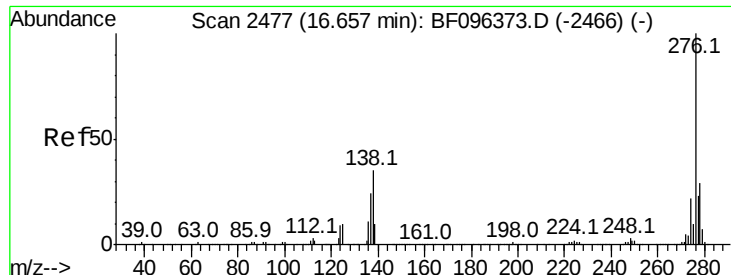
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 49.26 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1215710		
167	1.5		1.2	1.8
43	13.3		8.5	12.7#





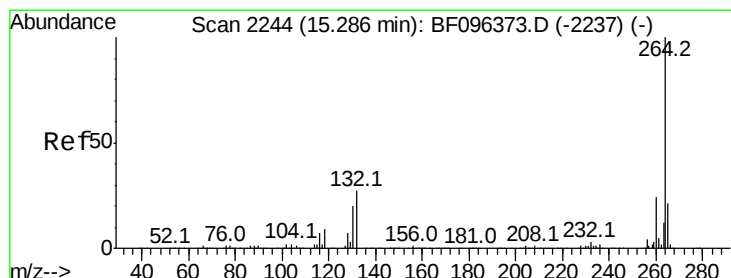
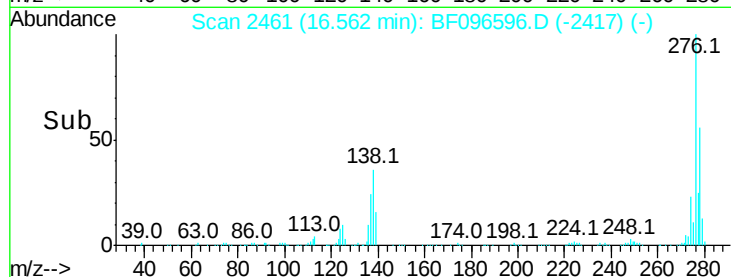
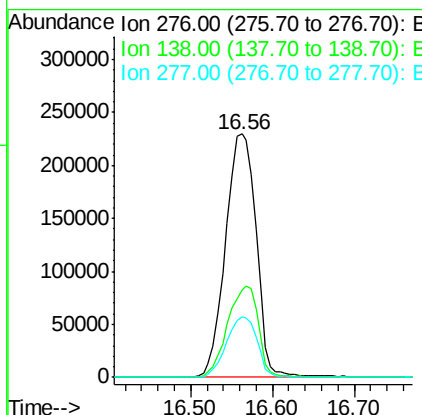
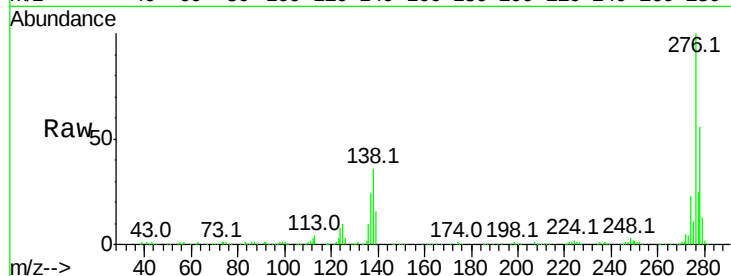
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.49 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.04 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.6	27.8	41.6
277	24.8	20.2	30.4

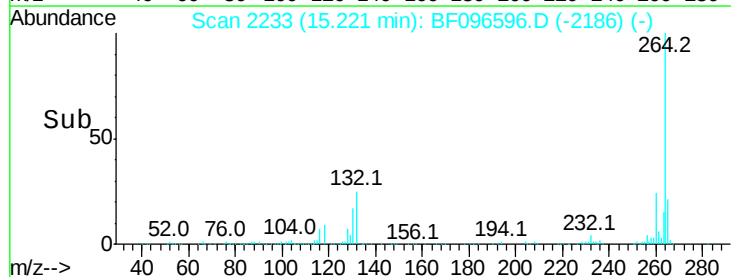
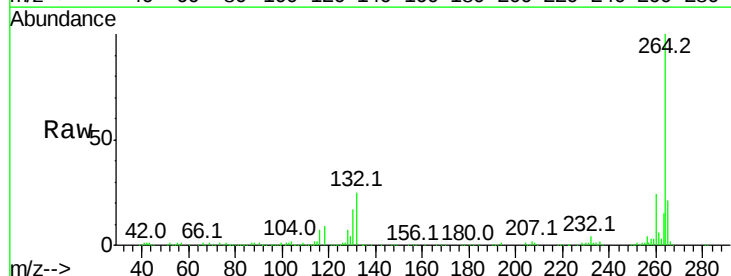
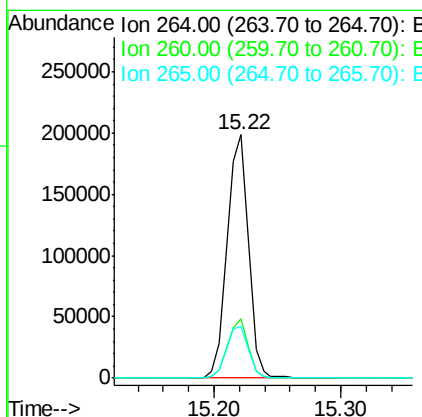
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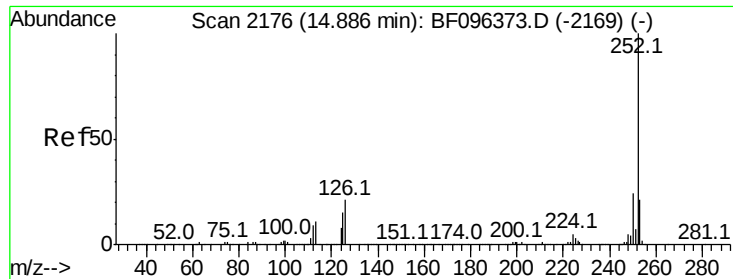
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 50.10 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

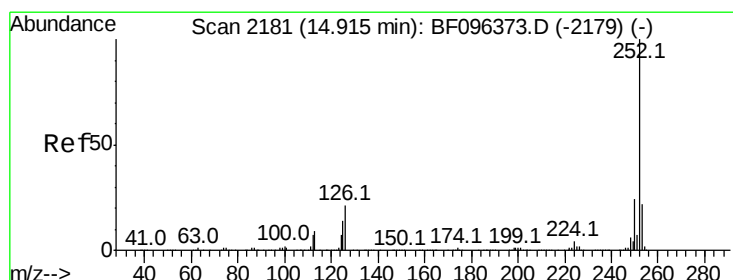
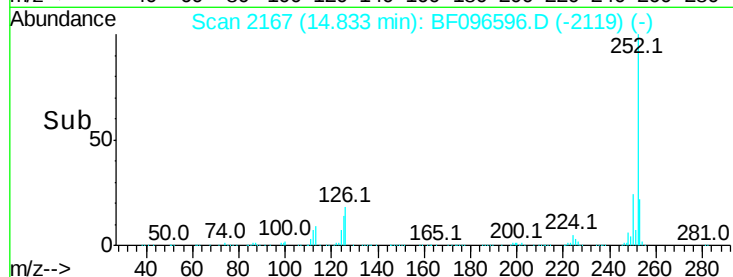
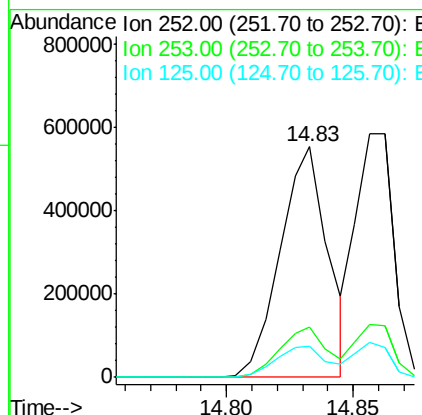
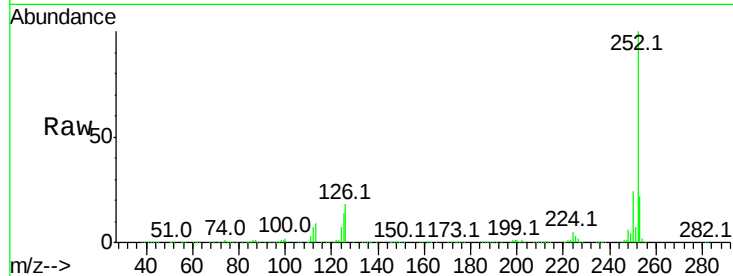
ClientSampleId :

SP-1-AMSD

Tot Ion:	252	Resp:	720967
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	13.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 47.84 ng m

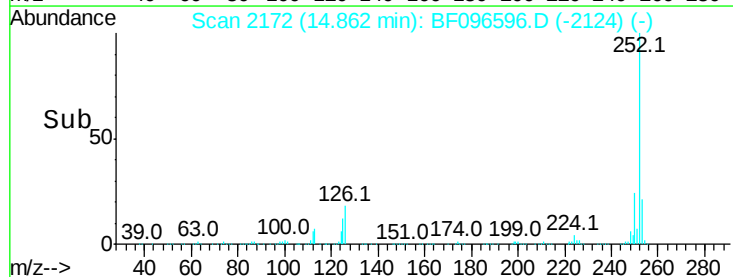
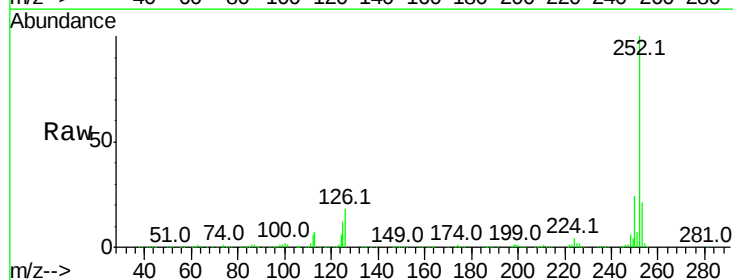
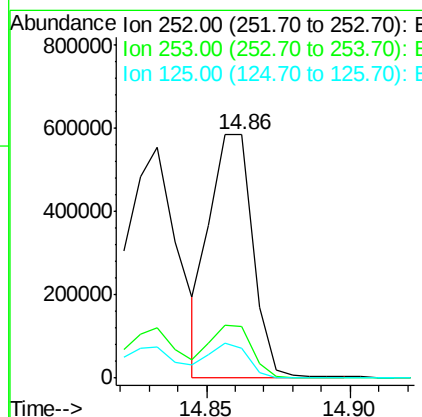
RT: 14.86 min Scan# 2172

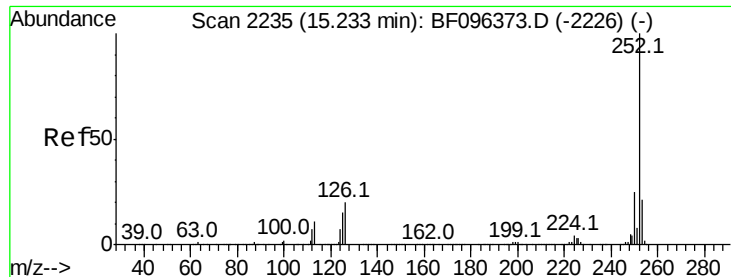
Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:	252	Resp:	615831
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.4	27.6
125	12.2	13.1	19.7#





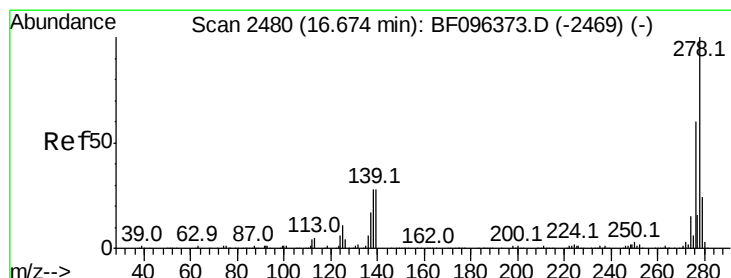
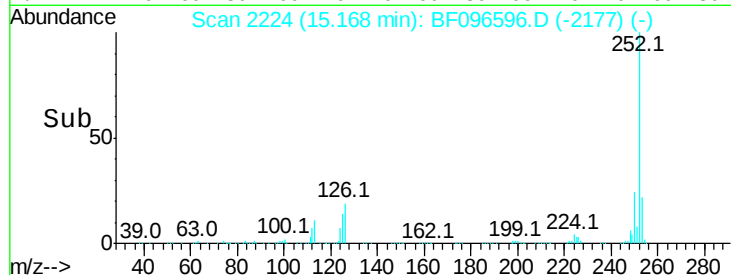
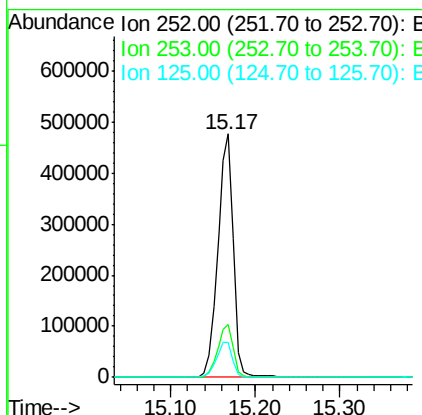
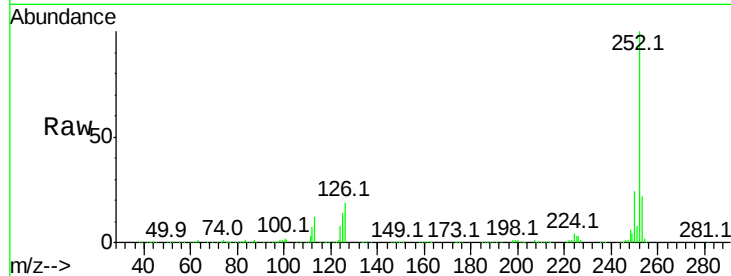
#89
Benzo(a)pyrene
Concen: 47.75 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.3	11.0	16.4

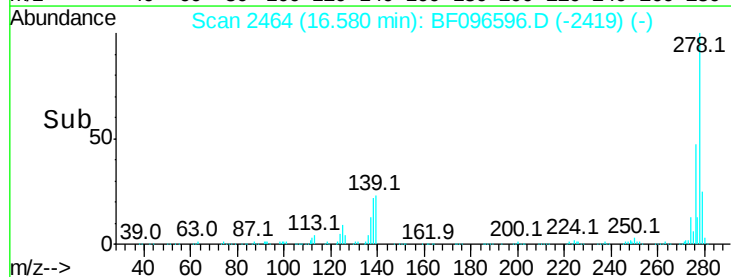
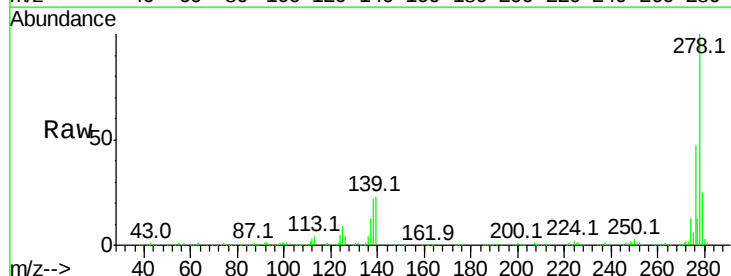
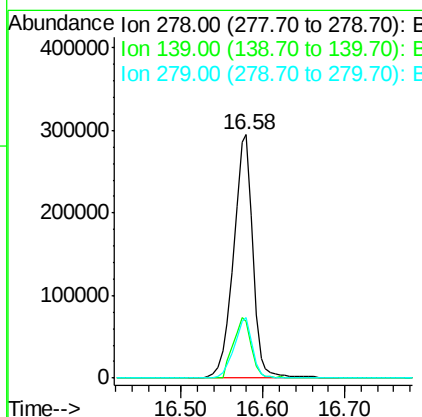
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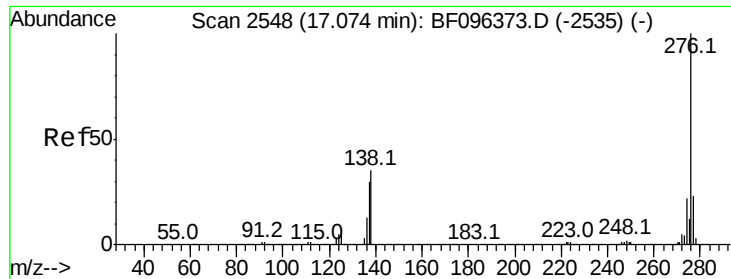
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 48.16 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.04 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	24.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 49.27 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.04 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	32.5	25.4	38.0

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