

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096680.D
 Acq On : 12 Jul 2017 8:51
 Operator : SJ/JU
 Sample : I4130-15MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BASEMS

Manual Integrations
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 7/12/2017 4:58:30 PM

Quant Time: Jul 12 16:02:15 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	6.70	152	78736	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	145543	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	69017	20.00	ng	0.02
63) Phenanthrene-d10	11.22	188	163198	20.00	ng	0.00
75) Chrysene-d12	13.83	240	171321	20.00	ng	-0.01
86) Perylene-d12	15.23	264	157927	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	426610	79.97	ng	0.00
7) Phenol-d6	6.34	99	601173	91.67	ng	0.00
23) Nitrobenzene-d5	7.26	82	316537	130.69	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	76656	142.19	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	440135	109.04	ng	0.00
78) Terphenyl-d14	12.79	244	432932	54.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	100986	39.923	ng	# 75
3) Pyridine	3.05	79	260978	37.603	ng	# 64
4) n-Nitrosodimethylamine	2.98	42	166187	48.513	ng	# 81
6) Aniline	6.36	93	189258	22.328	ng	# 8
8) 2-Chlorophenol	6.49	128	147423	25.915	ng	# 91
9) Benzaldehyde	6.25	77	99306	24.196	ng	# 76
10) Phenol	6.35	94	245293	32.832	ng	# 87
11) bis(2-Chloroethyl)ether	6.44	93	190826	33.050	ng	# 79
12) 1,3-Dichlorobenzene	6.65	146	196553	32.952	ng	# 98
13) 1,4-Dichlorobenzene	6.72	146	170470	28.594	ng	# 81
14) 1,2-Dichlorobenzene	6.88	146	113317	20.701	ng	# 14
15) Benzyl Alcohol	6.85	79	182772	41.692	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	259469	22.105	ng	# 51
17) 2-Methylphenol	6.96	107	143845	31.729	ng	# 70
18) Hexachloroethane	7.26	117	363810m	168.322	ng	# 60
20) 3+4-Methylphenols	7.12	107	143031	28.286	ng	# 80
22) Acetophenone	7.12	105	207095m	65.121	ng	# 41
24) Nitrobenzene	7.29	77	313199	123.263	ng	# 1
25) Isophorone	7.53	82	394805	84.071	ng	# 87
26) 2-Nitrophenol	7.60	139	46769	34.776	ng	# 34
27) 2,4-Dimethylphenol	7.65	122	97257	42.471	ng	# 89
28) bis(2-Chloroethoxy)methane	7.74	93	138592	44.707	ng	# 94
29) 2,4-Dichlorophenol	7.86	162	127703	64.636	ng	# 85
30) 1,2,4-Trichlorobenzene	7.94	180	101531	54.478	ng	# 56
31) Naphthalene	8.02	128	488567	71.106	ng	# 38
32) Benzoic acid	7.80	122	34518	17.948	ng	# 97
33) 4-Chloroaniline	8.06	127	106266	37.234	ng	# 1
34) Hexachlorobutadiene	8.15	225	54604	57.122	ng	# 73
35) Caprolactam	8.45	113	144120	211.537	ng	# 97
36) 4-Chloro-3-methylphenol	8.55	107	118326	54.125	ng	# 88
37) 2-Methylnaphthalene	8.72	142	1094961	250.350	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	73561	41.049	ng	# 98
40) Hexachlorocyclopentadiene	8.87	237	19684	22.590	ng	# 97
42) 2,4,6-Trichlorophenol	8.99	196	55964	39.477	ng	# 98

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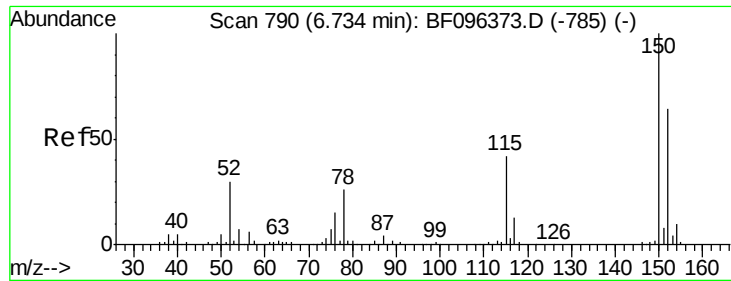
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Quant Time: Jul 12 16:02:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	43369	30.941	ng	# 1
45) 1,1'-Biphenyl	9.17	154	213521	36.107	ng	96
46) 2-Chloronaphthalene	9.20	162	167709	38.055	ng	# 87
47) 2-Nitroaniline	9.28	65	71286	44.455	ng	# 83
48) Acenaphthylene	9.62	152	315738	45.215	ng	# 82
49) Dimethylphthalate	9.46	163	292296	56.733	ng	# 94
50) 2,6-Dinitrotoluene	9.53	165	49832	43.738	ng	# 55
51) Acenaphthene	9.78	154	206939	48.076	ng	94
52) 3-Nitroaniline	9.69	138	58167	40.933	ng	# 89
53) 2,4-Dinitrophenol	9.82	184	8533	14.101	ng	# 21
54) Dibenzofuran	9.95	168	252169	44.373	ng	# 72
55) 4-Nitrophenol	9.86	139	110697	93.984	ng	# 58
56) 2,4-Dinitrotoluene	9.94	165	94406	65.432	ng	# 60
57) Fluorene	10.29	166	278746	69.450	ng	# 89
58) 2,3,4,6-Tetrachlorophenol	10.07	232	35829	36.946	ng	# 30
59) Diethylphthalate	10.16	149	188526	38.713	ng	96
60) 4-Chlorophenyl-phenylether	10.28	204	77905	44.611	ng	# 79
61) 4-Nitroaniline	10.29	138	46027	35.621	ng	85
62) Azobenzene	10.44	77	212282	45.081	ng	# 75
64) 4,6-Dinitro-2-methylphenol	10.35	198	10838	9.629	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	407582	71.180	ng	87
66) 4-Bromophenyl-phenylether	10.76	248	52315	32.930	ng	# 74
67) Hexachlorobenzene	10.85	284	51530	29.631	ng	# 75
68) Atrazine	10.92	200	56024	34.247	ng	87
69) Pentachlorophenol	11.03	266	56661	54.973	ng	95
70) Phenanthrene	11.24	178	530949	60.184	ng	97
71) Anthracene	11.29	178	354376	39.419	ng	98
72) Carbazole	11.44	167	347350	38.419	ng	99
73) Di-n-butylphthalate	11.77	149	430403	39.304	ng	100
74) Fluoranthene	12.42	202	434000	50.176	ng	99
76) Benzidine	12.53	184	171721	20.889	ng	# 93
77) Pyrene	12.65	202	434251	31.579	ng	99
79) Butylbenzylphthalate	13.26	149	193709	27.827	ng	# 81
80) Benzo(a)anthracene	13.83	228	383655	38.671	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	116290	28.539	ng	# 97
82) Chrysene	13.86	228	374050	36.004	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	272760	35.103	ng	100
84) Di-n-octyl phthalate	14.43	149	508741	33.247	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.59	276	319547	38.966	ng	99
87) Benzo(b)fluoranthene	14.84	252	344704m	34.834	ng	
88) Benzo(k)fluoranthene	14.87	252	340448	38.461	ng	96
89) Benzo(a)pyrene	15.18	252	328409	37.172	ng	99
90) Dibenzo(a,h)anthracene	16.60	278	269974	38.843	ng	99
91) Benzo(g,h,i)perylene	16.99	276	261288	36.279	ng	96

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



#1

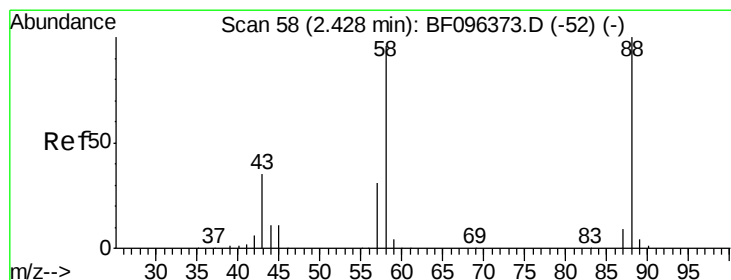
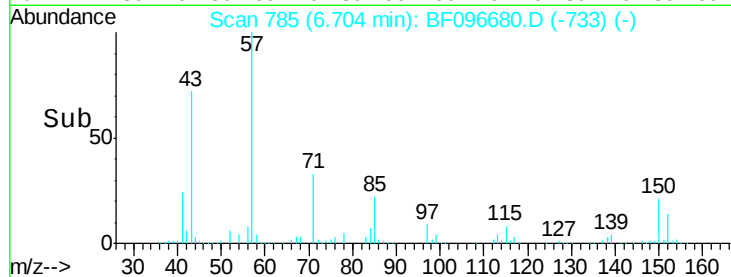
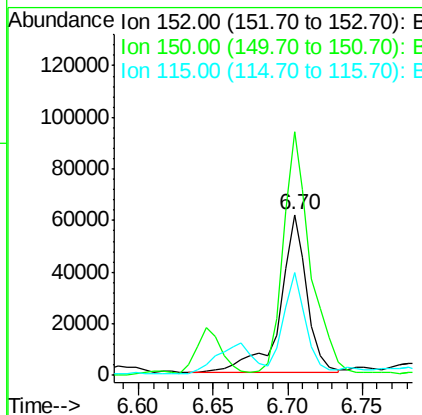
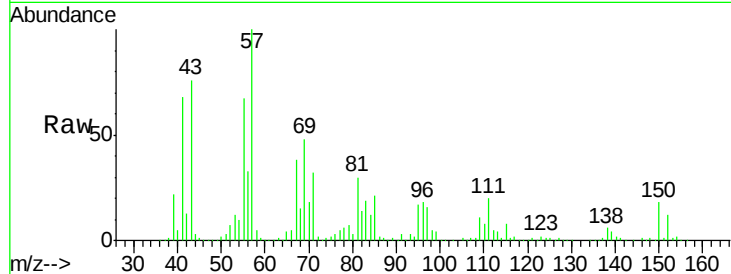
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	64.3	52.2	78.2

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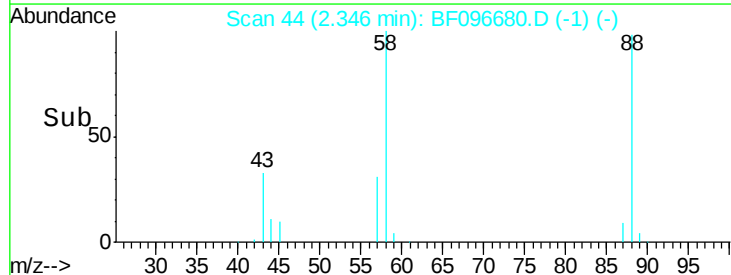
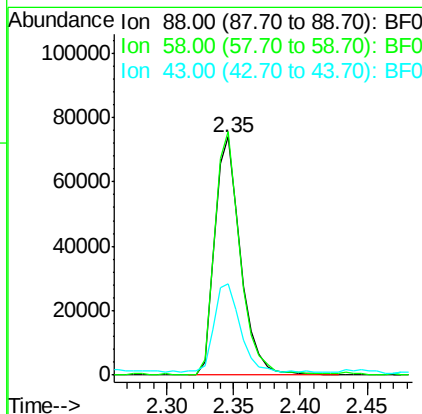
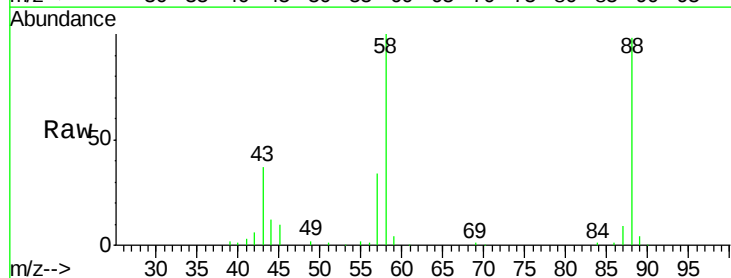
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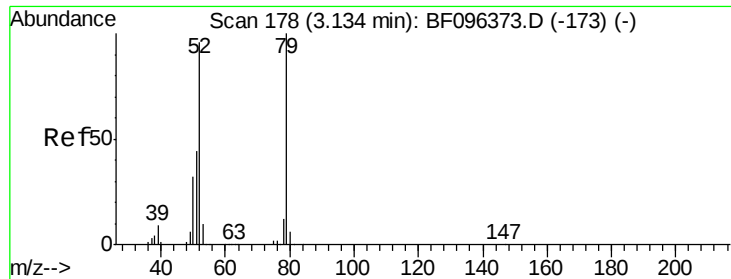


#2

1,4-Dioxane
Concen: 39.923 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	61.4	92.0#
43	38.3	23.4	35.0#





#3

Pyridine

Concen: 37.603 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

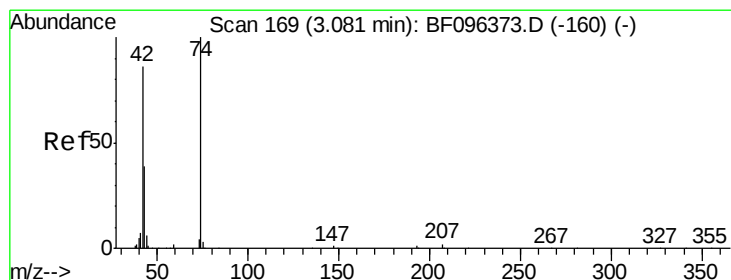
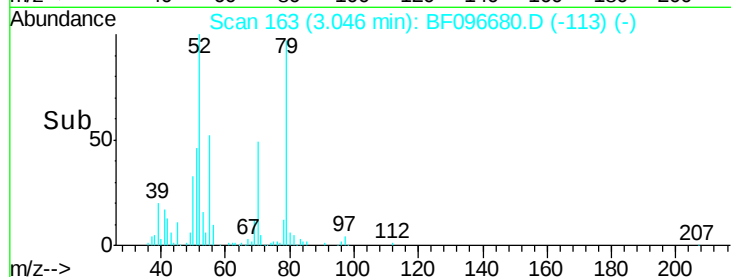
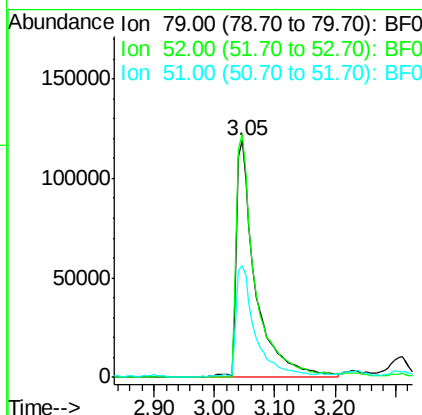
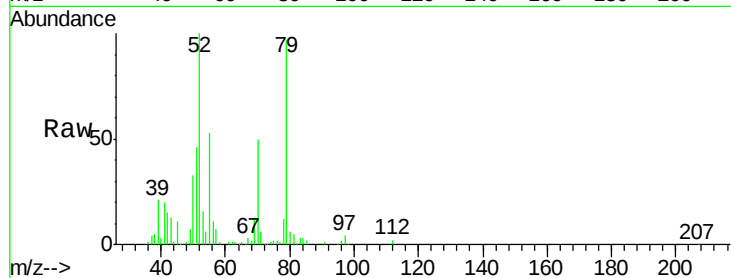
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	79	Resp:	260978
Ion Ratio	Lower	Upper	
79	100		
52	102.7	54.8	82.2#
51	47.1	27.0	40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.513 ng

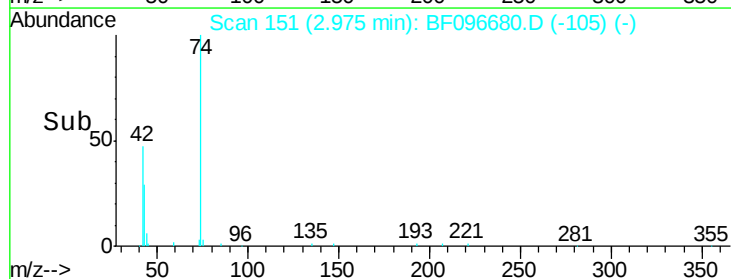
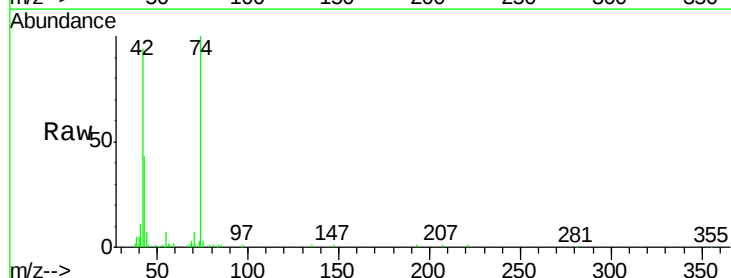
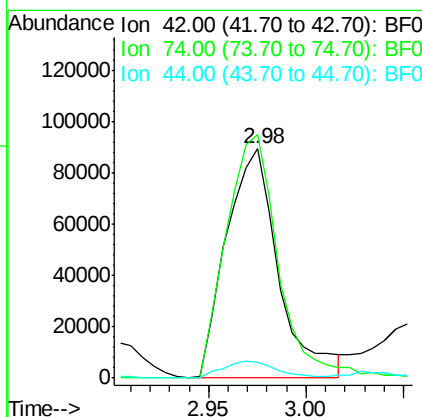
RT: 2.98 min Scan# 151

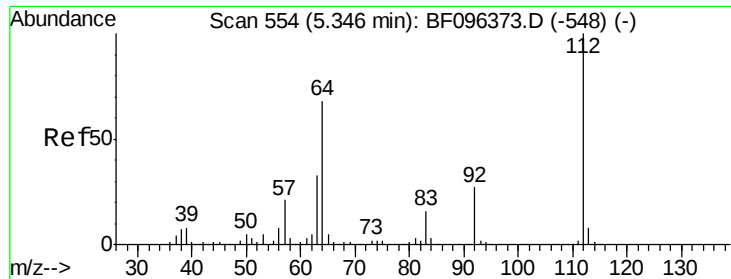
Delta R.T. -0.03 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	42	Resp:	166187
Ion Ratio	Lower	Upper	
42	100		
74	106.2	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 79.972 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

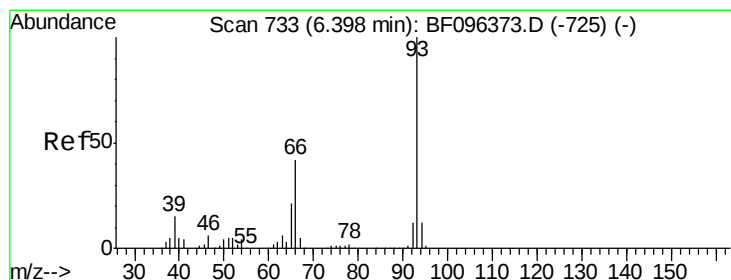
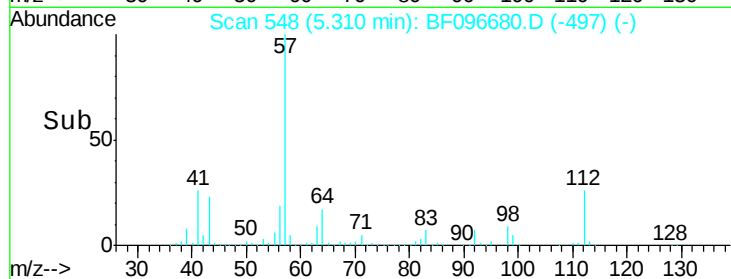
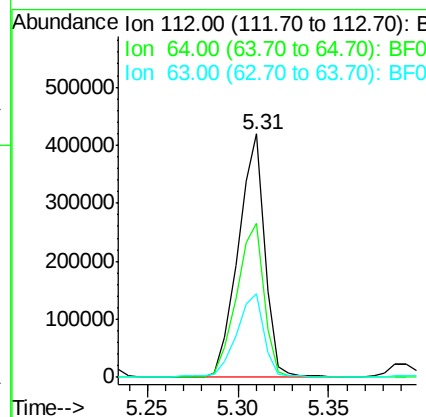
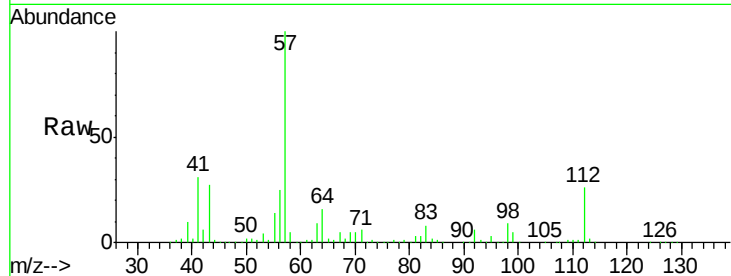
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	112	Resp:	426610
Ion Ratio	Lower	Upper	
112	100		
64	63.5	46.0	69.0
63	34.3	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 22.328 ng

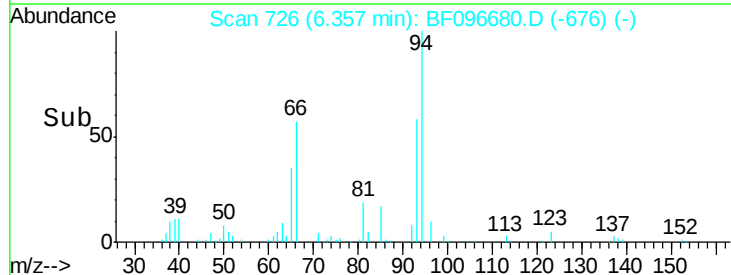
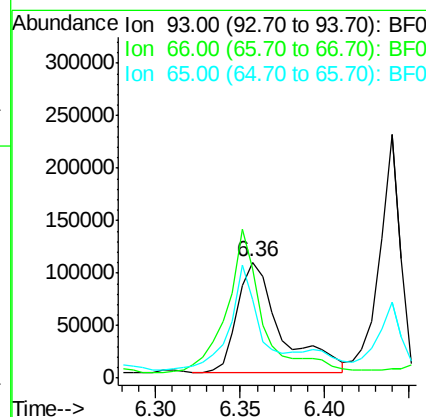
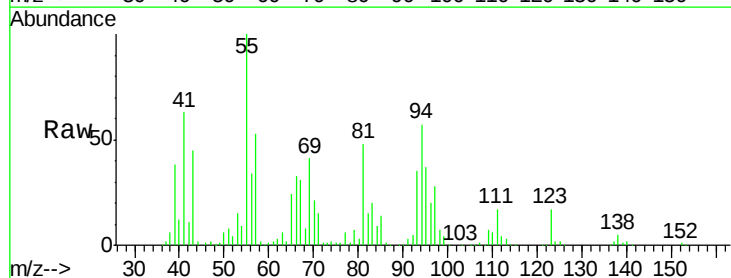
RT: 6.36 min Scan# 726

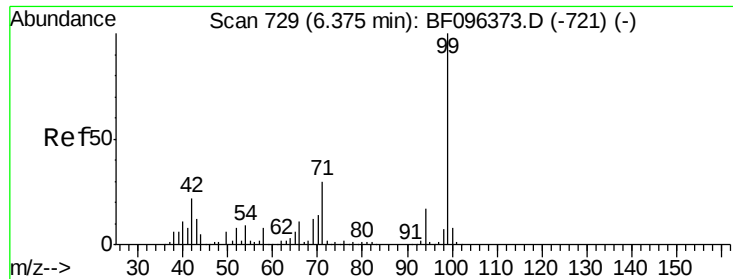
Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	93	Resp:	189258
Ion Ratio	Lower	Upper	
93	100		
66	94.4	32.9	49.3#
65	68.3	16.0	24.0#





#7

Phenol-d6

Concen: 91.669 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

E2-HS2-BAEMS

Tgt Ion: 99 Resp: 601173

Ion Ratio Lower Upper

99 100

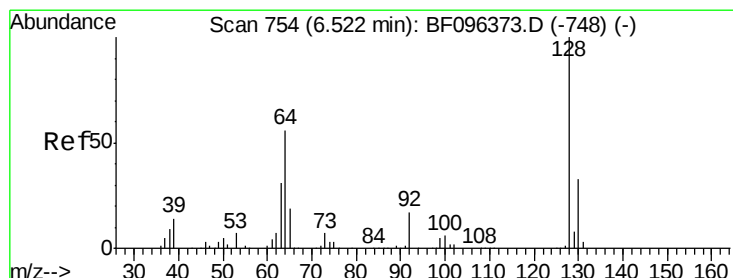
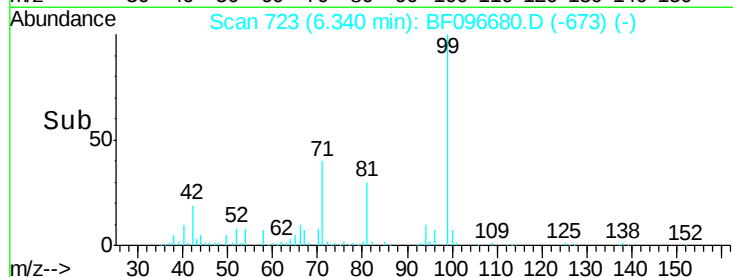
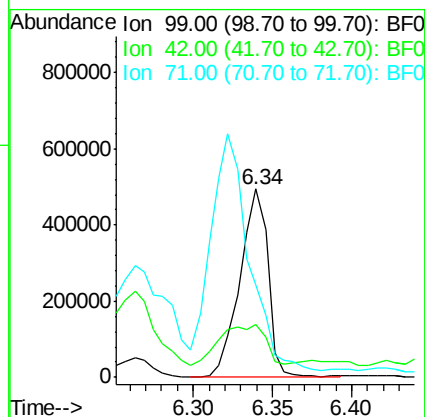
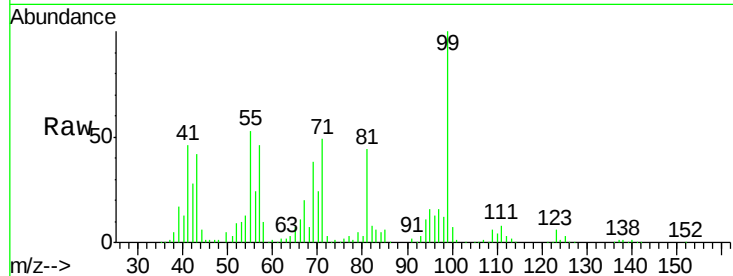
42 28.3 13.5 20.3#

71 49.0 24.5 36.7#

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#8

2-Chlorophenol

Concen: 25.915 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

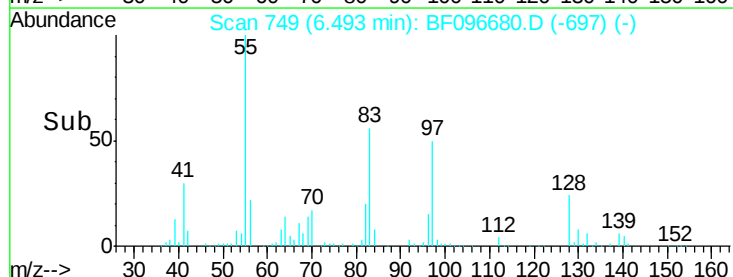
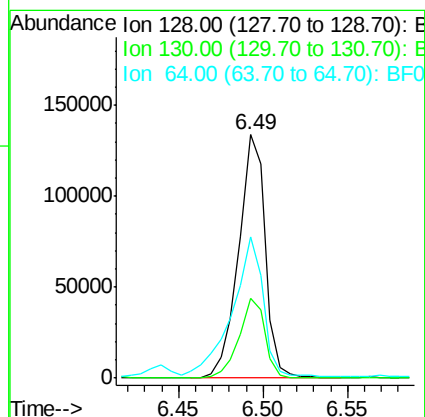
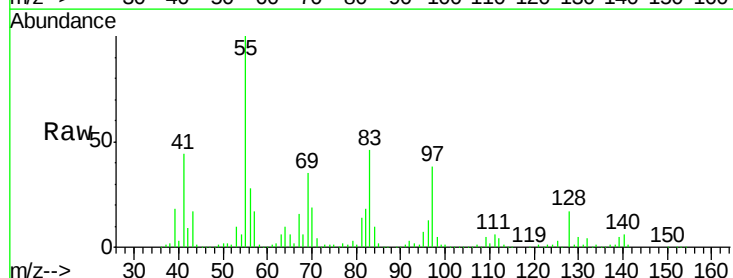
Tgt Ion: 128 Resp: 147423

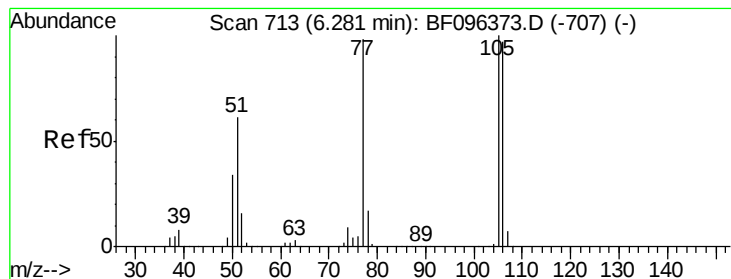
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 58.0 28.4 68.4





#9

Benzaldehyde

Concen: 24.196 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF096680.D

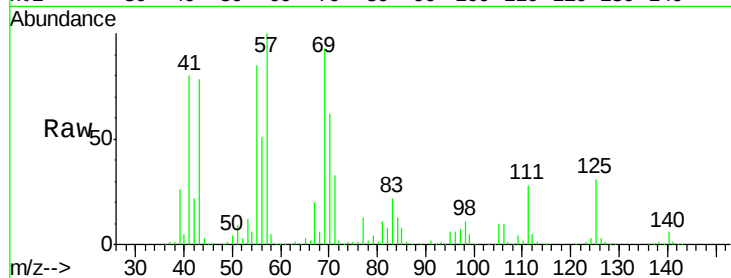
Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

E2-HS2-BASEMS



Tgt Ion: 77 Resp: 99306

Ion Ratio Lower Upper

77 100

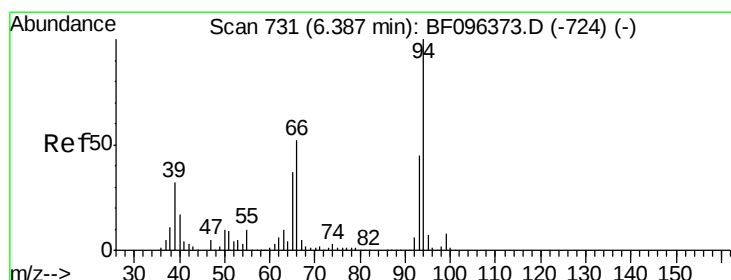
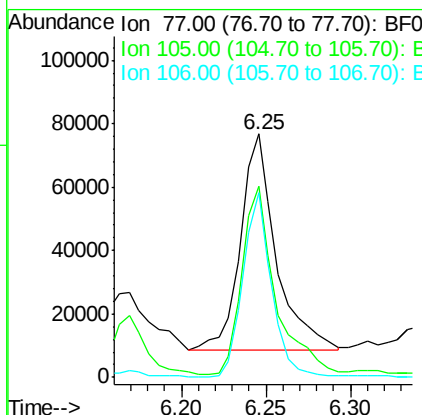
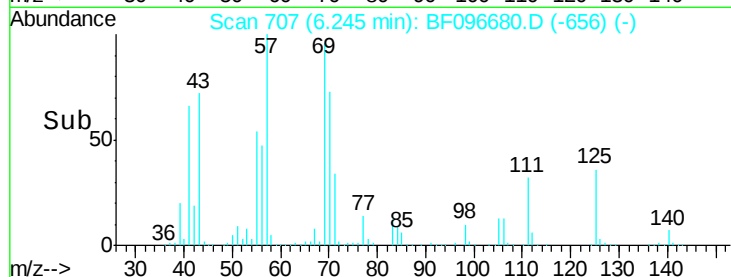
105 78.3 83.8 123.8#

106 76.0 79.1 119.1#

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#10

Phenol

Concen: 32.832 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

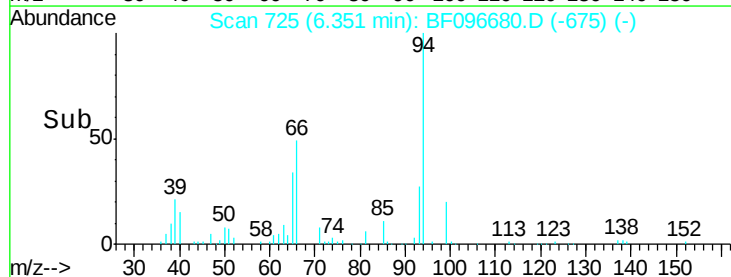
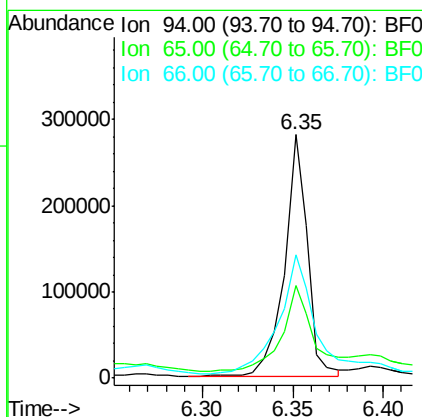
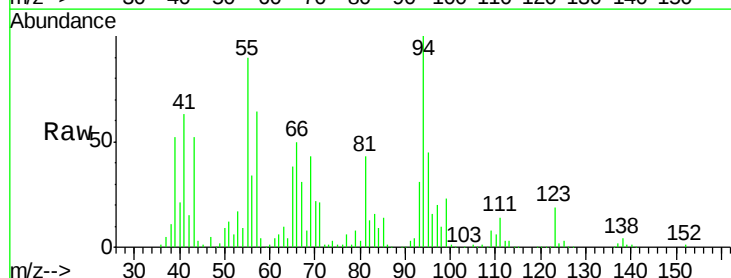
Tgt Ion: 94 Resp: 245293

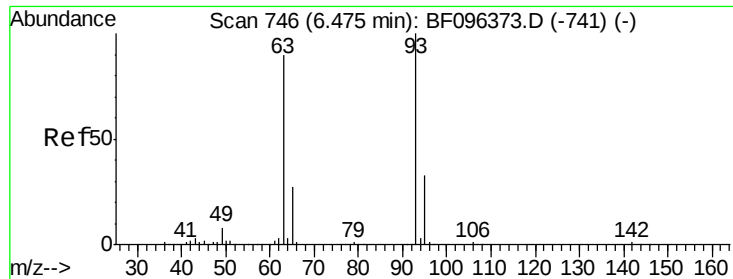
Ion Ratio Lower Upper

94 100

65 38.2 9.9 49.9

66 50.5 23.1 63.1





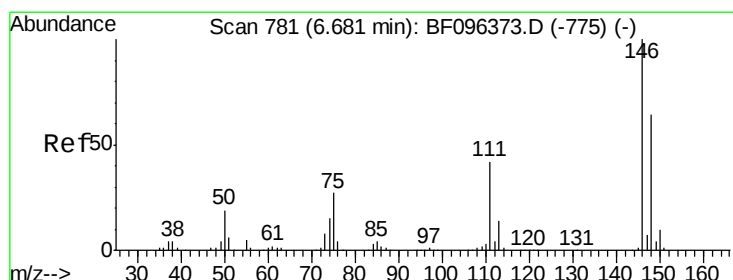
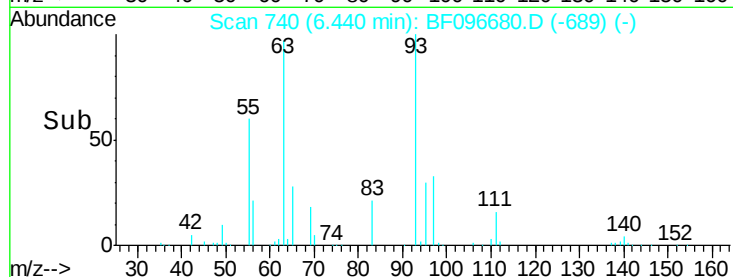
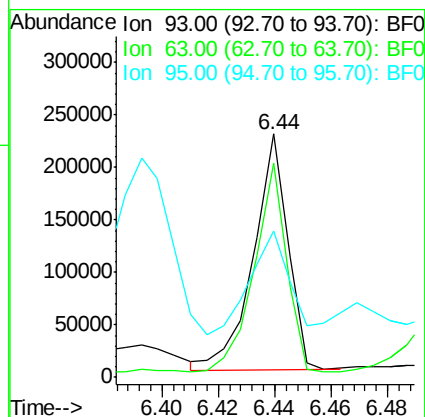
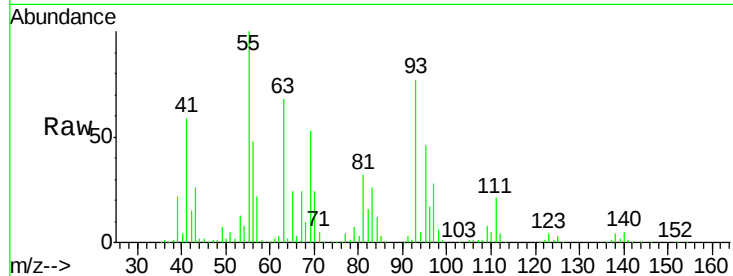
#11
bis(2-Chloroethyl)ether
Concen: 33.050 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.9	59.2	99.2
95	60.0	12.8	52.8#

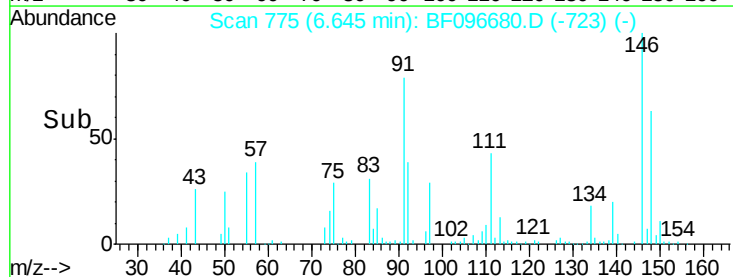
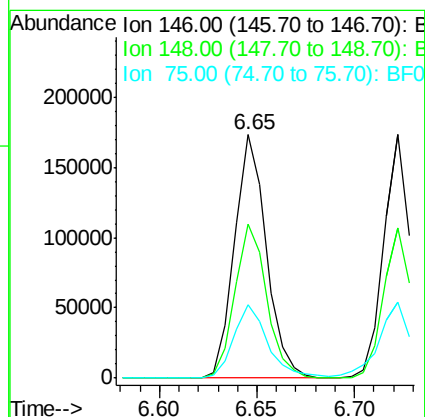
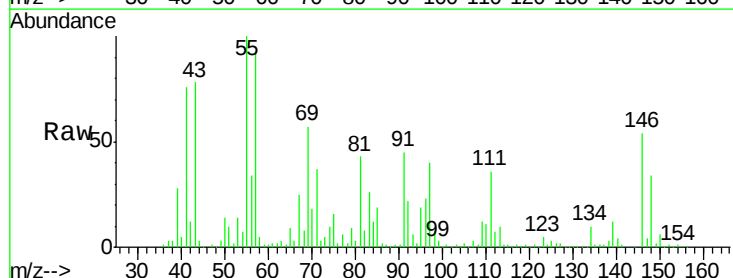
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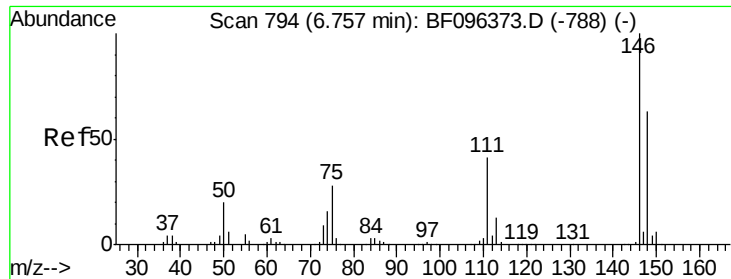
mohammad
7/12/2017 4:58:30 PM



#12
1,3-Dichlorobenzene
Concen: 32.952 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	30.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 28.594 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

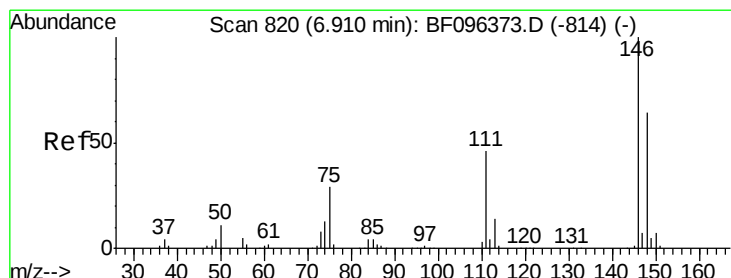
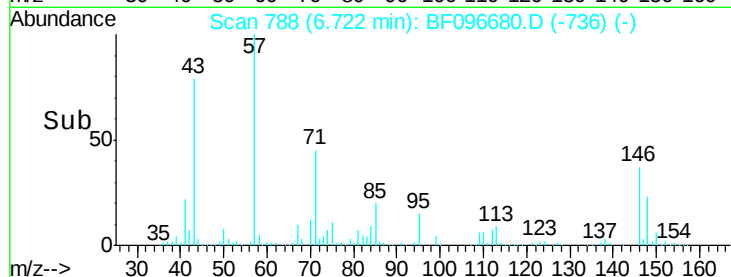
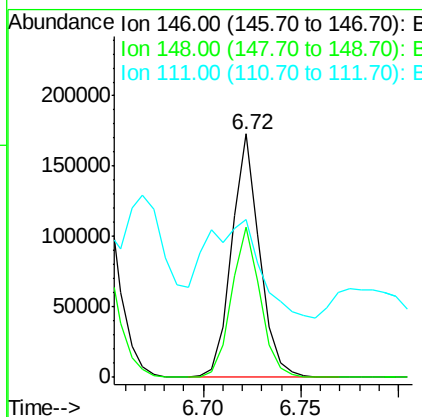
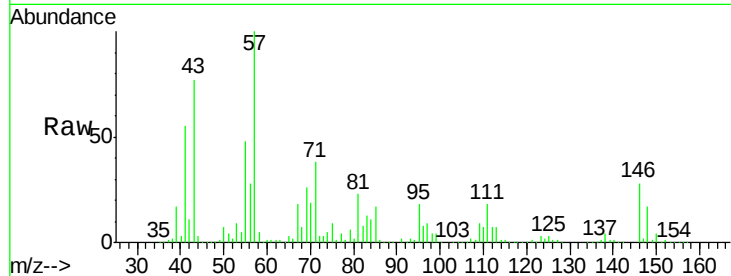
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	146	Resp:	170470
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.2	78.2
111	64.8	30.3	45.5#

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#14

1,2-Dichlorobenzene

Concen: 20.701 ng

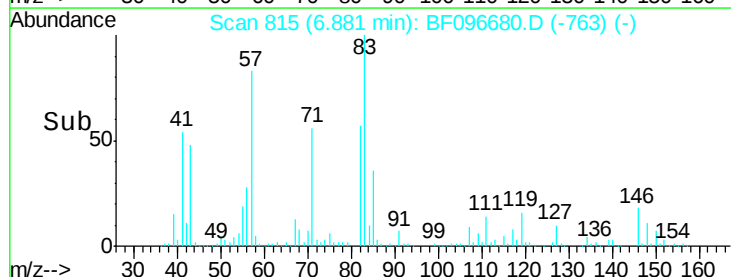
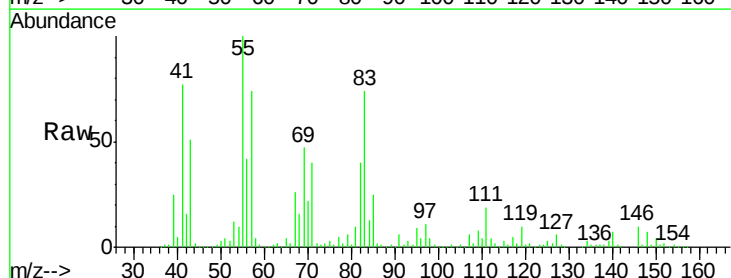
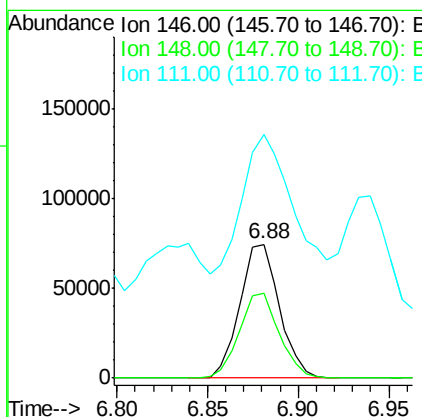
RT: 6.88 min Scan# 815

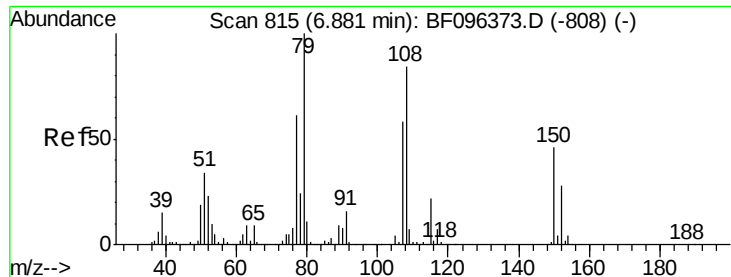
Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	146	Resp:	113317
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
111	182.0	38.2	57.4#





#15

Benzyl Alcohol

Concen: 41.692 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

E2-HS2-BASEMS

Tgt Ion: 79 Resp: 182772

Ion Ratio Lower Upper

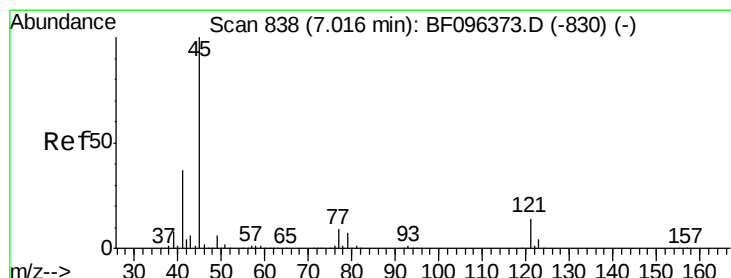
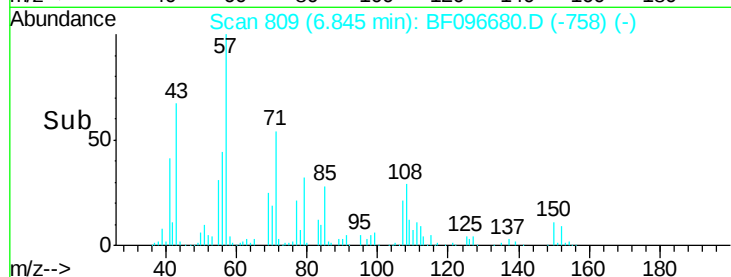
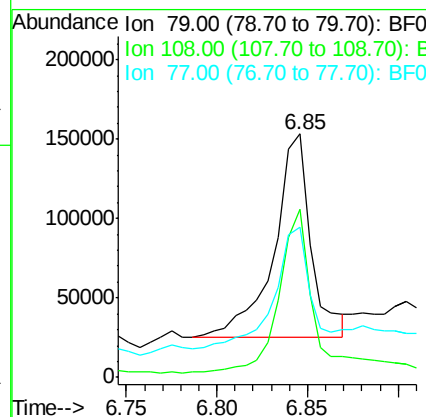
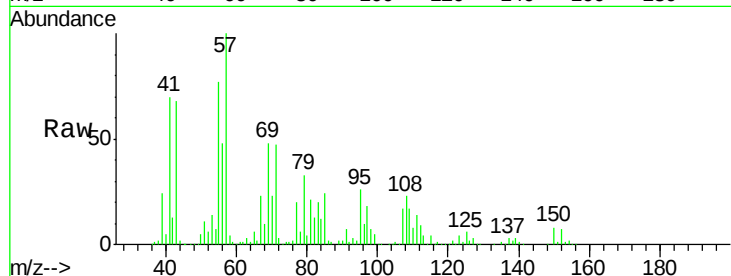
79 100

108 69.2 63.4 95.0

77 61.9 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.105 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

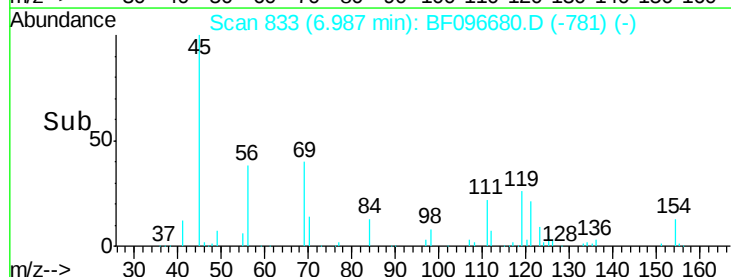
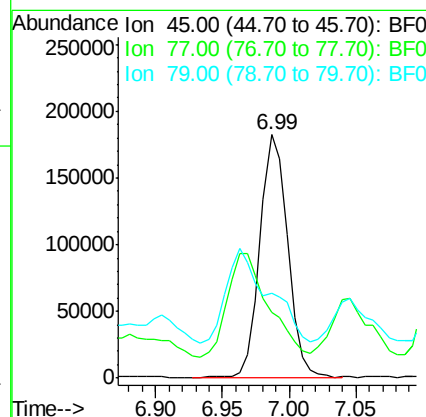
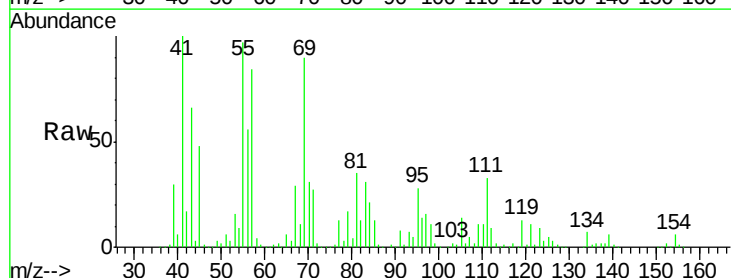
Tgt Ion: 45 Resp: 259469

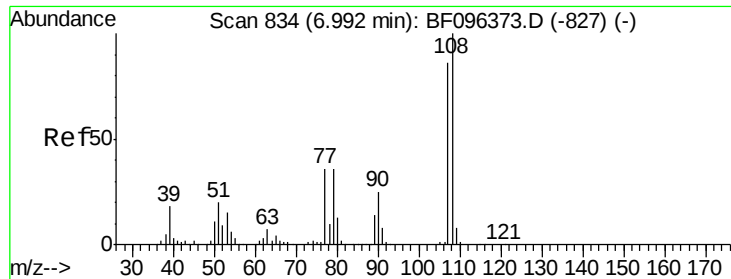
Ion Ratio Lower Upper

45 100

77 27.1 0.0 33.2

79 35.1 0.0 30.0#





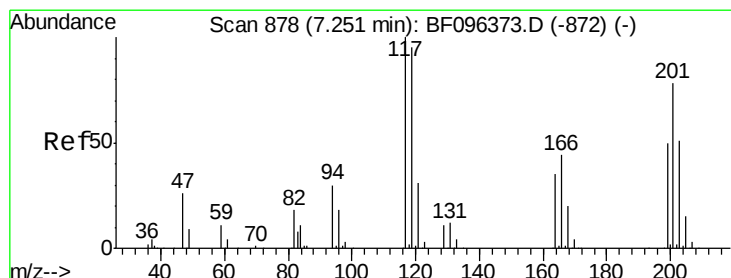
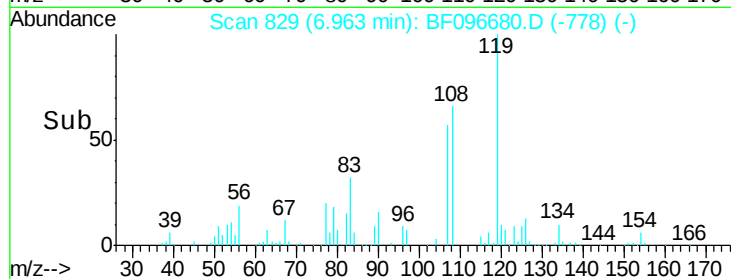
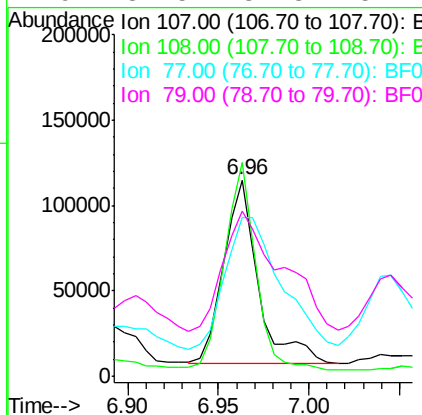
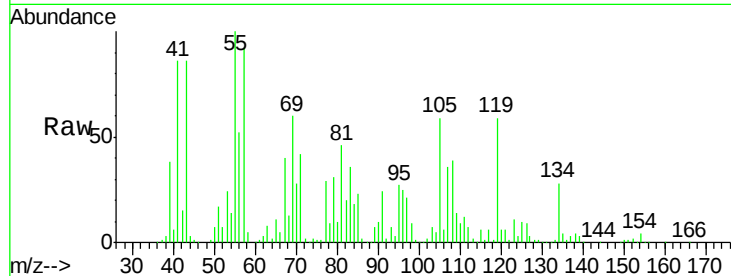
#17
2-Methylphenol
Concen: 31.729 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	143845		
108	108.9	93.4	140.0	
77	81.3	35.8	53.6#	
79	84.5	34.8	52.2#	

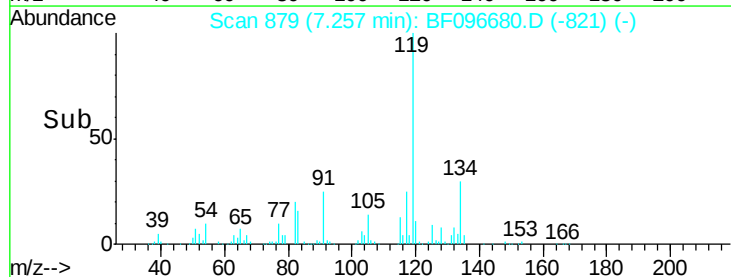
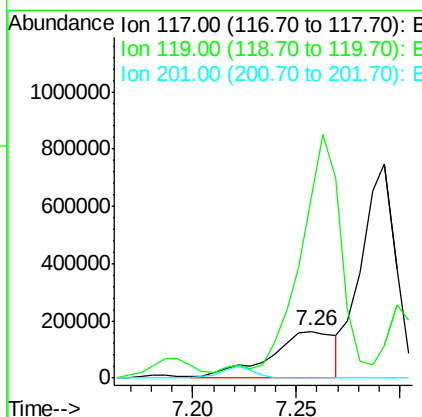
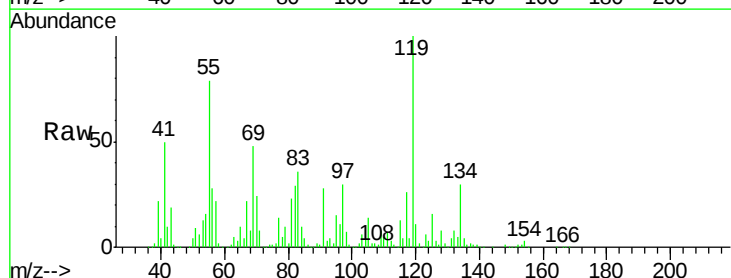
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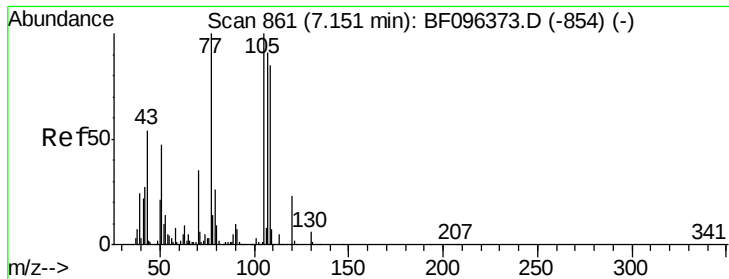
mohammad
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#18
Hexachloroethane
Concen: 168.322 ng m
RT: 7.26 min Scan# 879
Delta R.T. 0.04 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

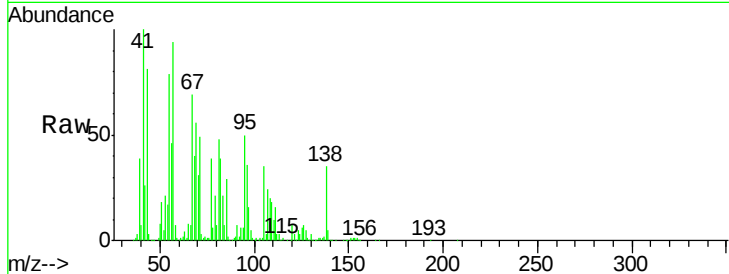
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	363810		
119	388.9	77.4	116.0#	
201	0.0	94.6	141.8#	





#20
3+4-Methylphenols
Concen: 28.286 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

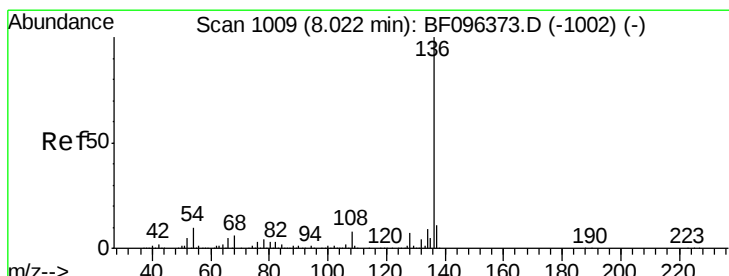
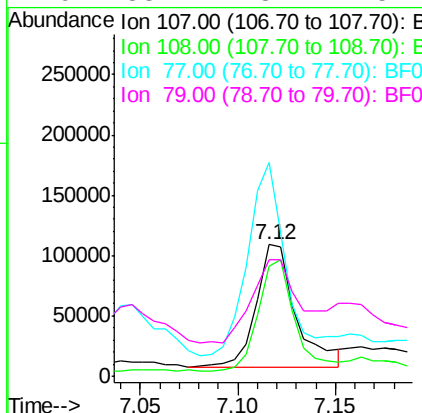
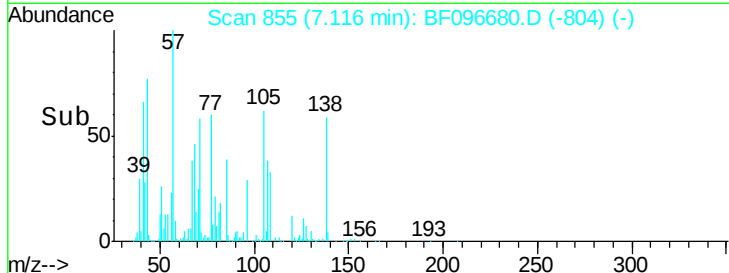
Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS



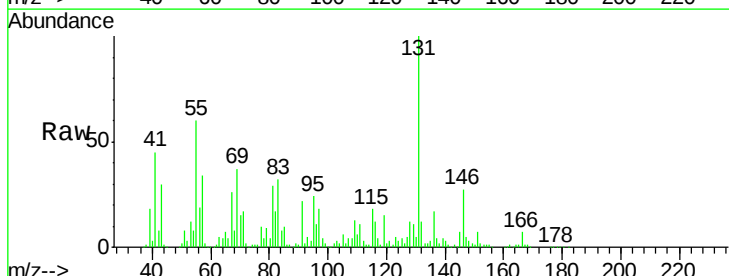
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	84.3	71.0	111.0	
77	162.6	90.5	130.5#	
79	88.4	8.4	48.4#	

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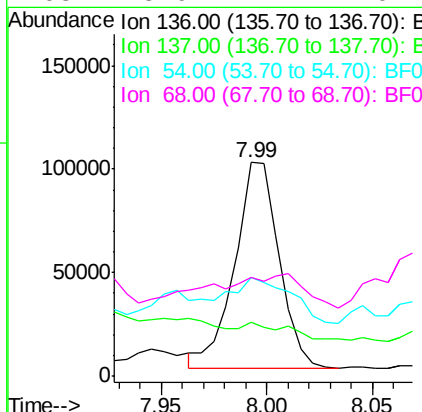
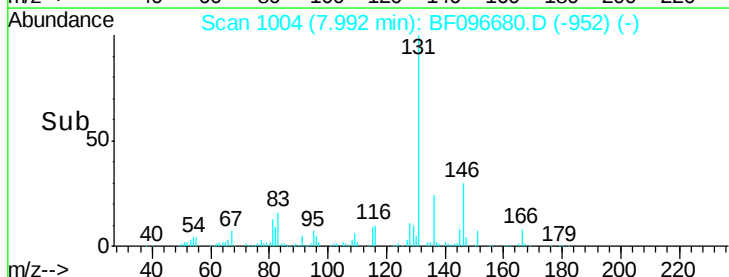
mohammad
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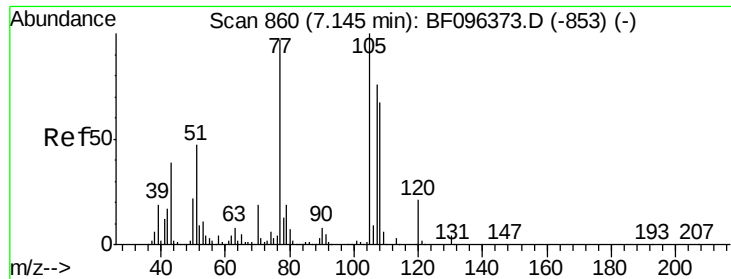


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51



Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	24.9	8.5	12.7#	
54	45.9	4.9	7.3#	
68	45.9	4.1	6.1#	





#22

Acetophenone

Concen: 65.121 ng m

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF096680.D

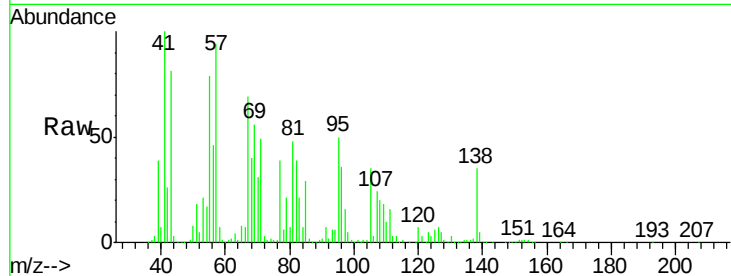
Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

E2-HS2-BAEMS



Tgt Ion: 105 Resp: 207095

Ion Ratio Lower Upper

105 100

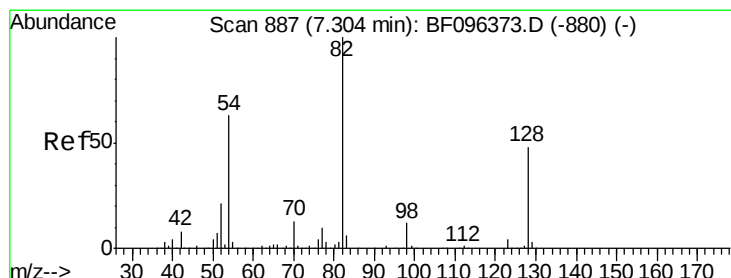
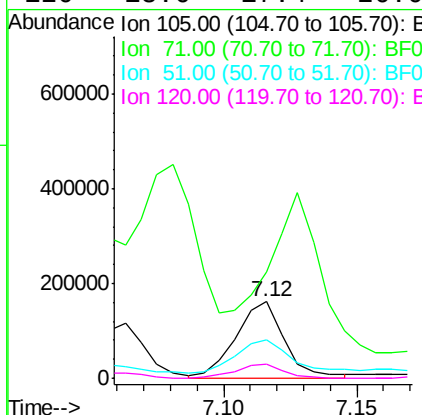
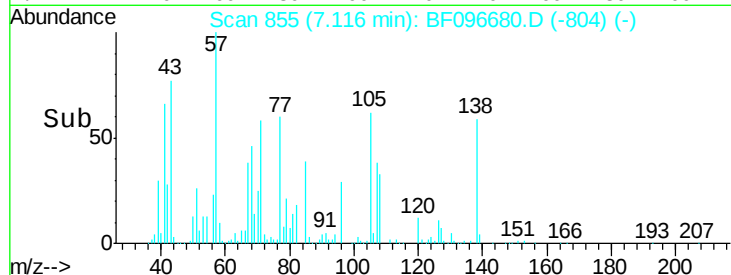
71 138.6 2.8 4.2#

51 51.2 30.7 46.1#

120 18.6 17.4 26.0

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#23

Nitrobenzene-d5

Concen: 130.690 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

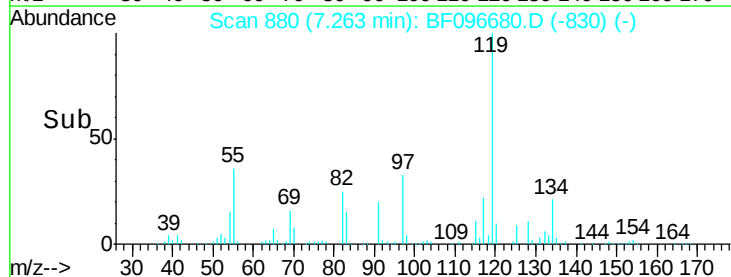
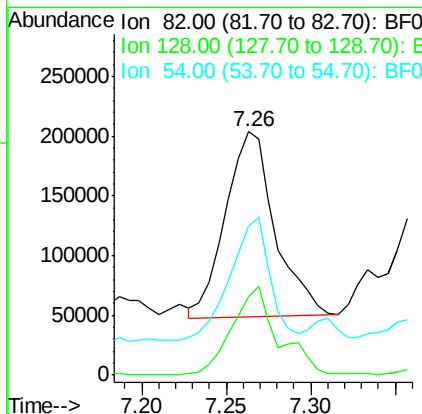
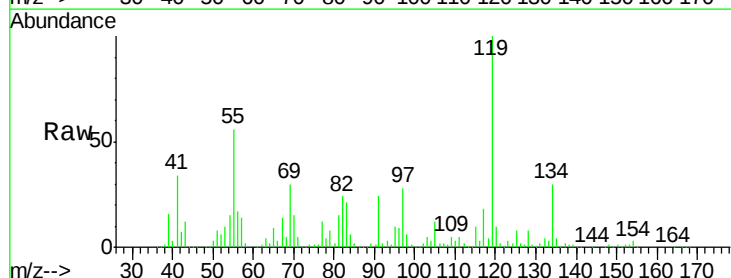
Tgt Ion: 82 Resp: 316537

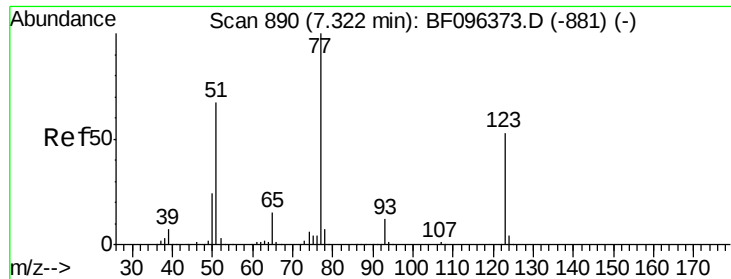
Ion Ratio Lower Upper

82 100

128 32.0 34.0 51.0#

54 61.3 42.2 63.2





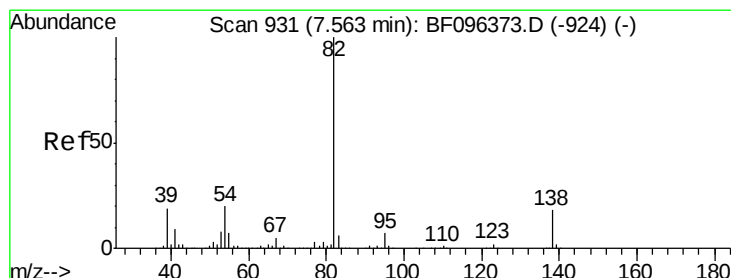
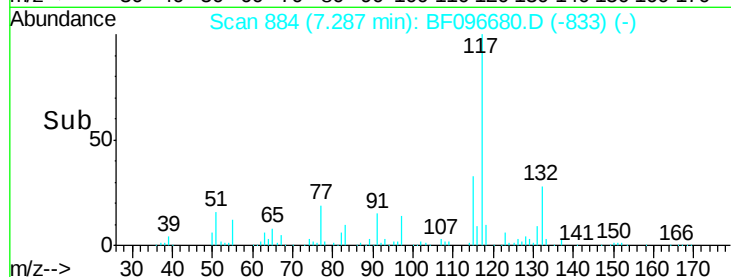
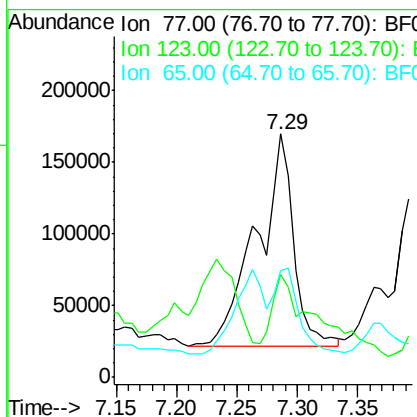
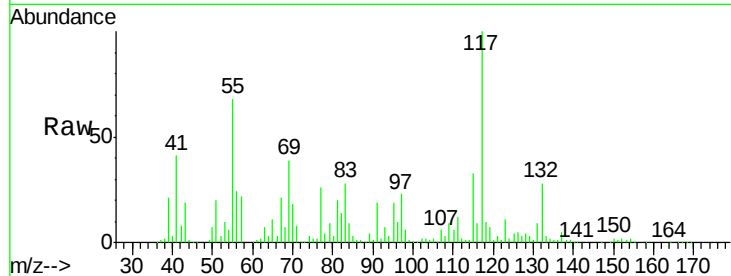
#24
 Nitrobenzene
 Concen: 123.263 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.8	53.8
65	43.9	10.6	15.8

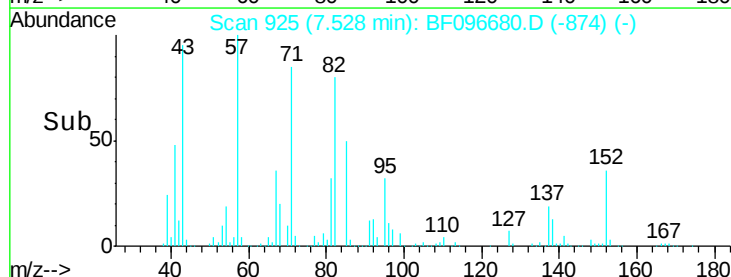
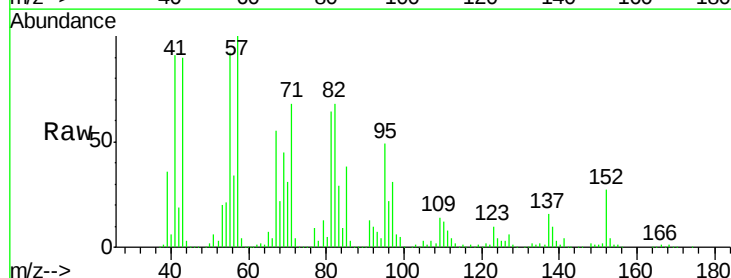
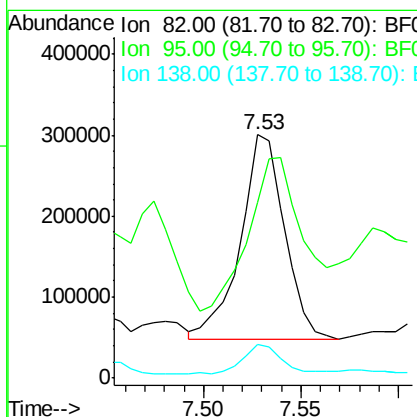
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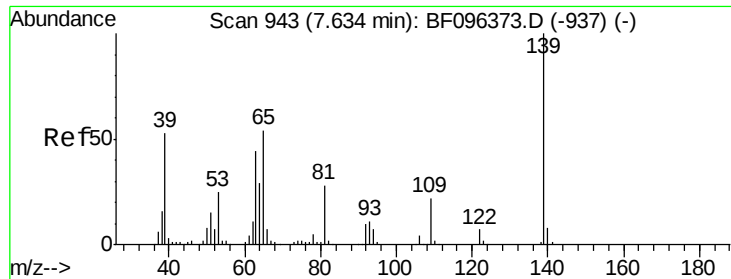
mohammad
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#25
 Isophorone
 Concen: 84.071 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	72.0	5.3	7.9
138	14.0	13.1	19.7





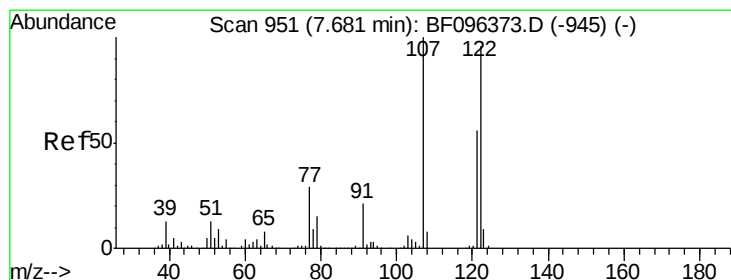
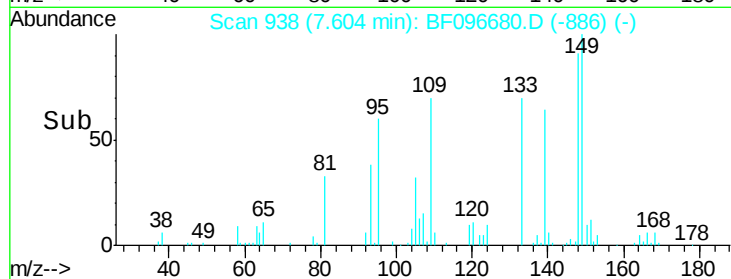
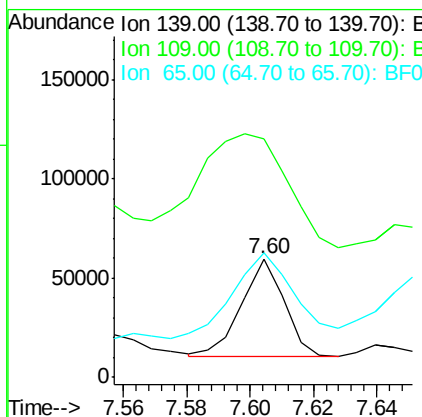
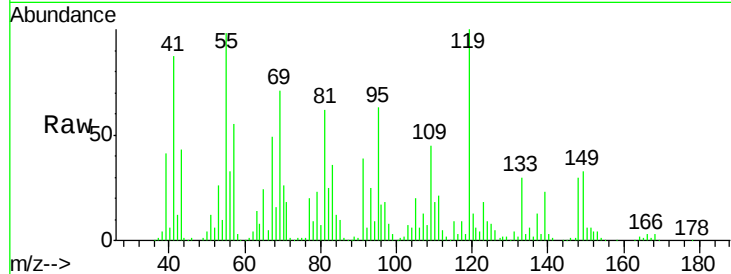
#26
2-Nitrophenol
Concen: 34.776 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BAEMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	46769		
109	200.7	21.0	31.6#	
65	105.1	33.0	49.6#	

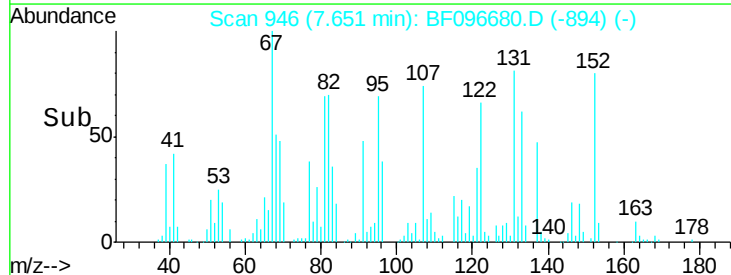
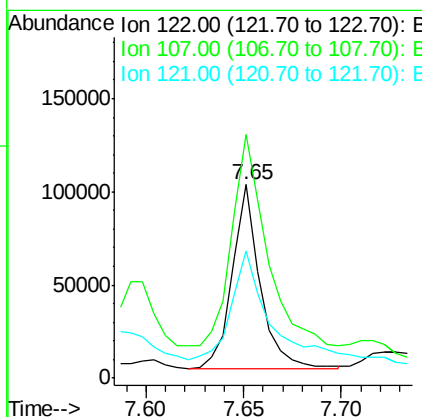
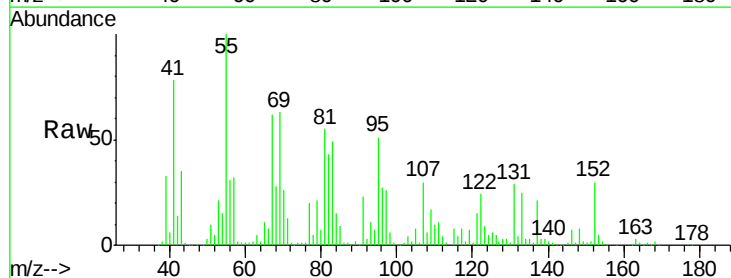
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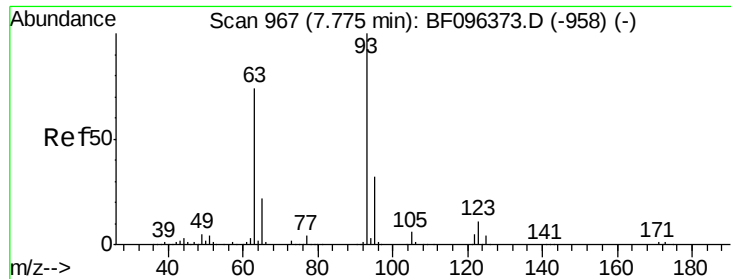
mohammad
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#27
2,4-Dimethylphenol
Concen: 42.471 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	97257		
107	125.9	89.2	133.8	
121	65.5	45.2	67.8	





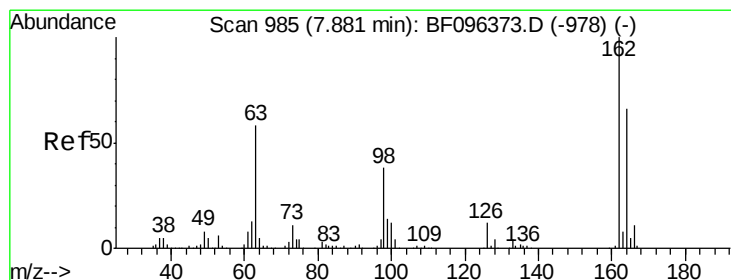
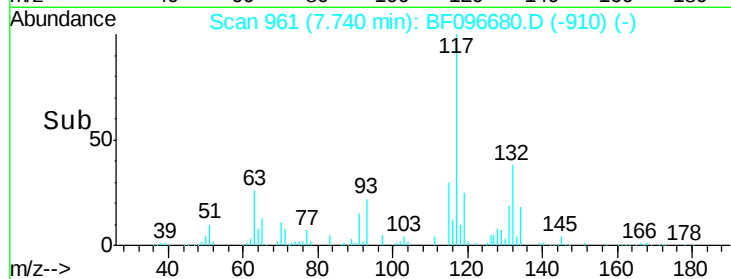
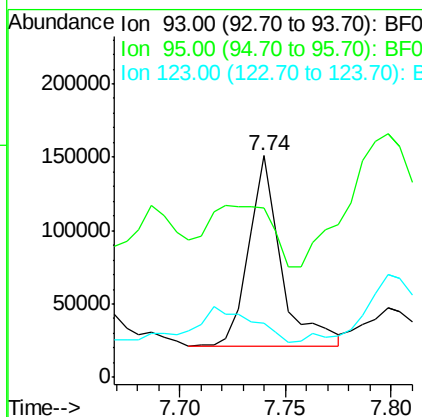
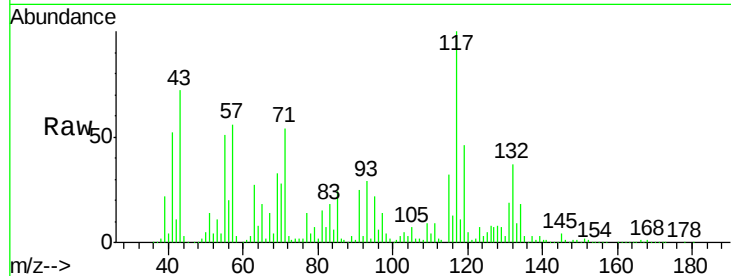
#28
bis(2-Chloroethoxy)methane
Concen: 44.707 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion: 93 Resp: 138592
Ion Ratio Lower Upper
93 100
95 76.4 26.5 39.7#
123 24.2 9.0 13.4#

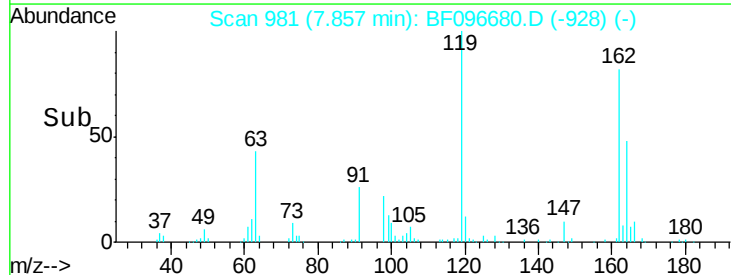
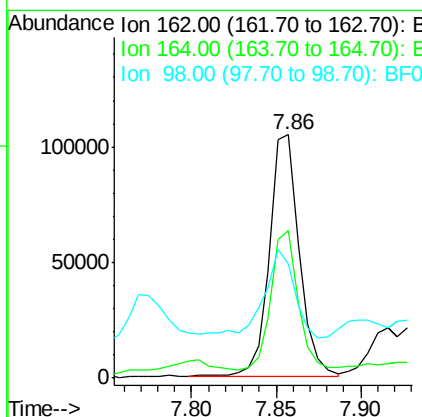
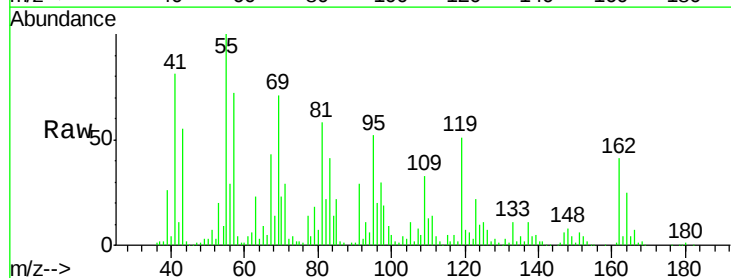
Manual Integrations
APPROVED

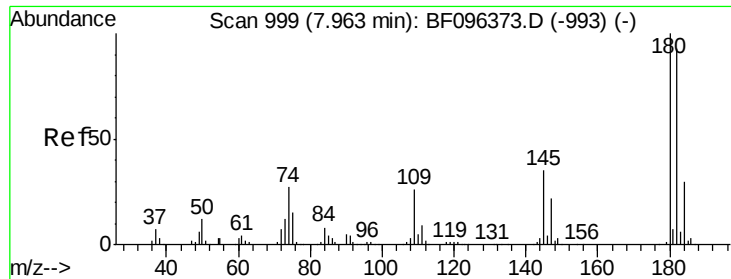
mohammad
7/12/2017 4:58:30 PM



#29
2,4-Dichlorophenol
Concen: 64.636 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion: 162 Resp: 127703
Ion Ratio Lower Upper
162 100
164 60.4 44.6 84.6
98 46.9 14.8 54.8





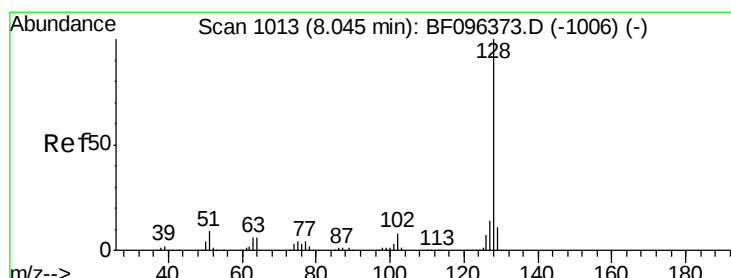
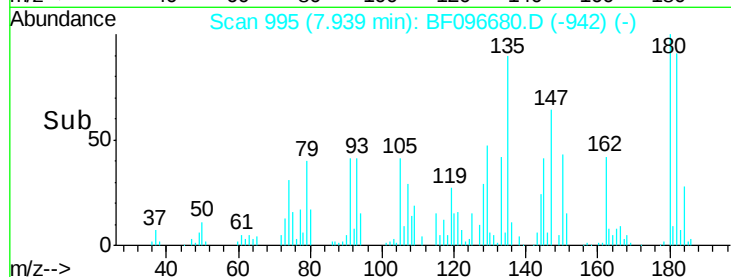
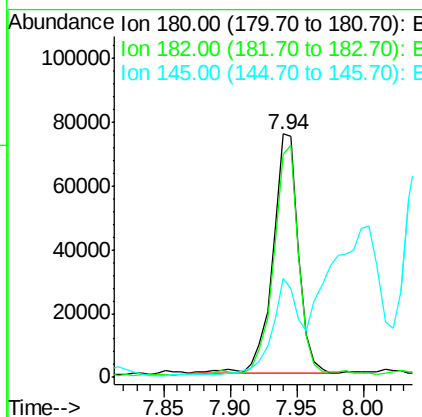
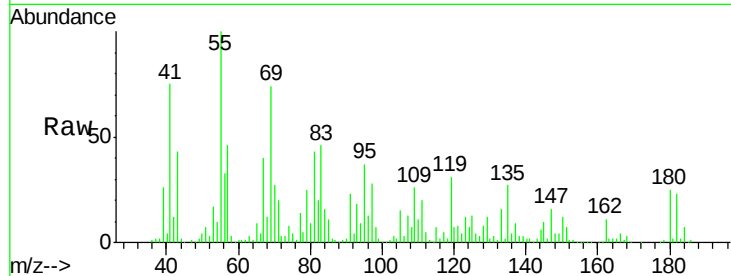
#30
 1,2,4-Trichlorobenzene
 Concen: 54.478 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101531		
182	91.6	75.8	113.6	
145	40.6	25.3	37.9#	

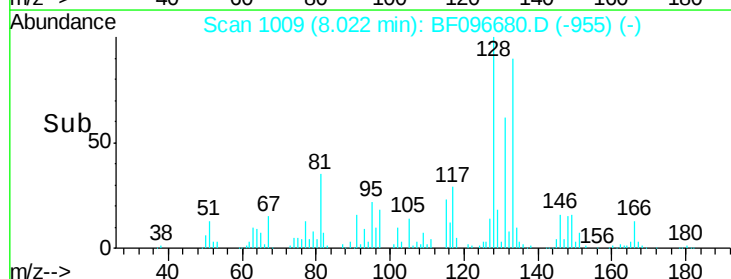
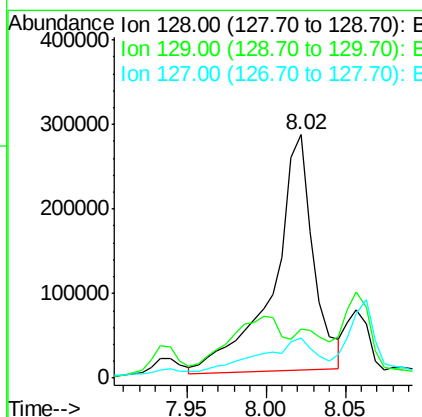
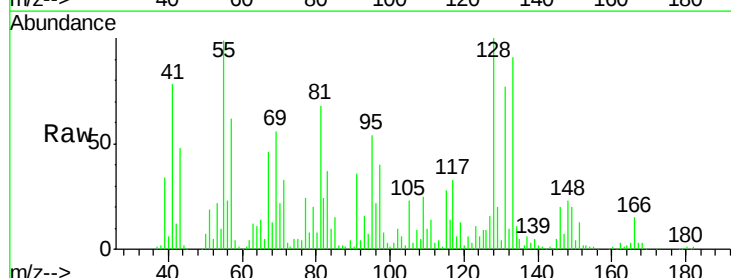
Manual Integrations
 APPROVED

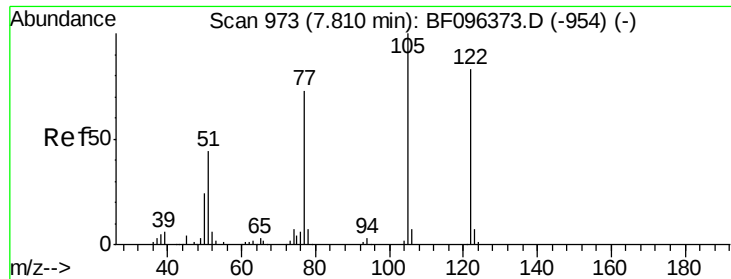
mohammad
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#31
 Naphthalene
 Concen: 71.106 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.02 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	488567		
129	20.1	9.0	13.6#	
127	16.5	10.8	16.2#	





#32

Benzoic acid

Concen: 17.948 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

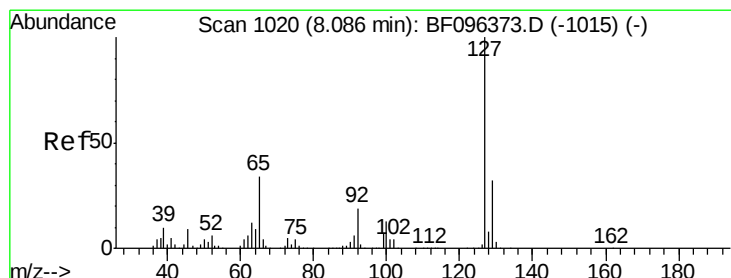
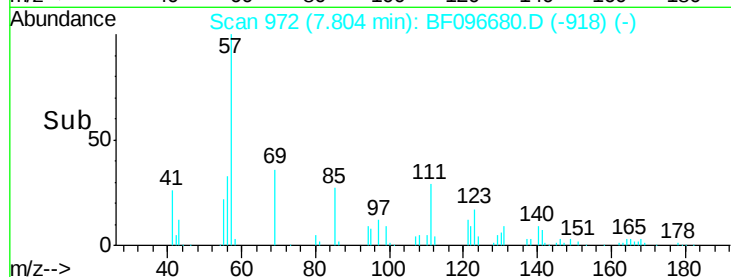
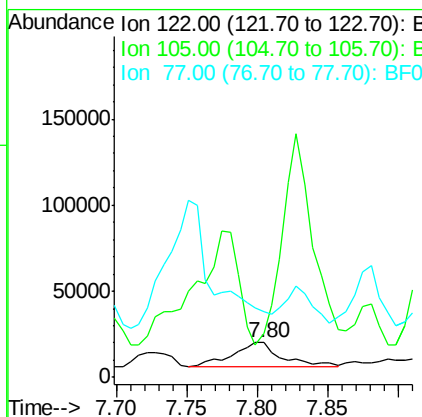
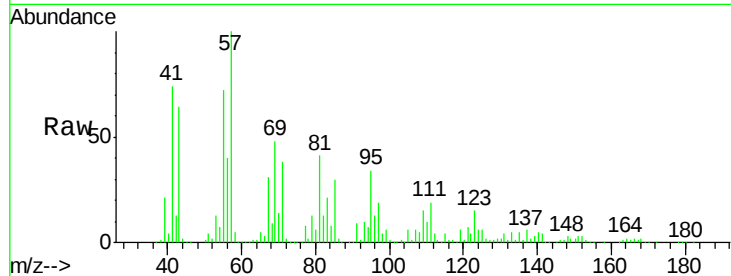
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	103.3	143.3
77	189.3	73.7	113.7#

Manual Integrations
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#33

4-Chloroaniline

Concen: 37.234 ng

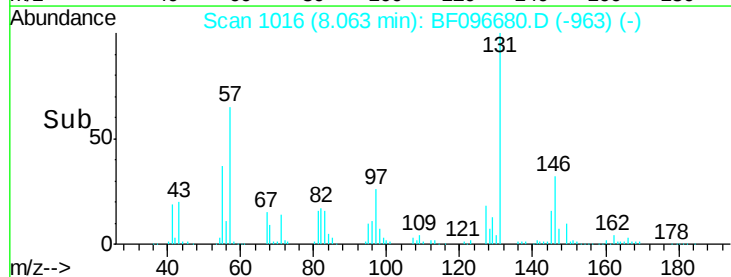
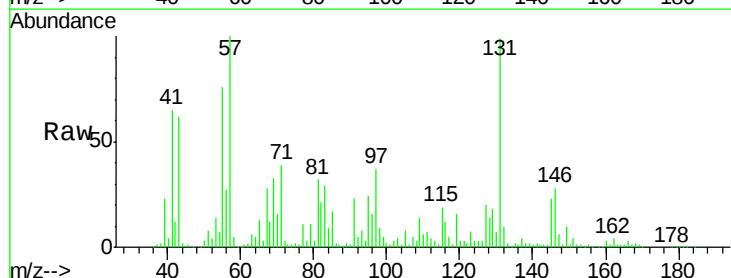
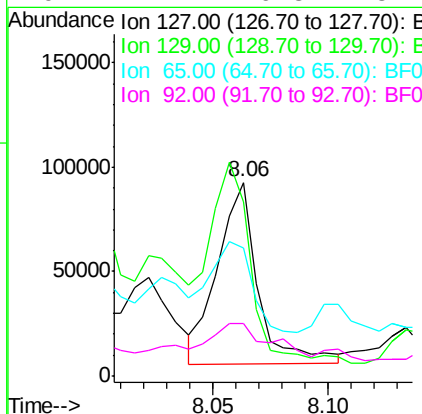
RT: 8.06 min Scan# 1016

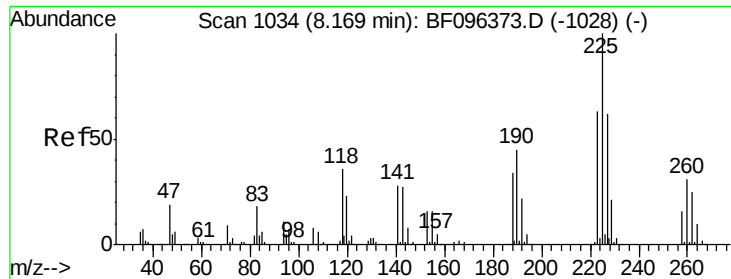
Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
127	100		
129	90.1	26.2	39.2#
65	66.2	27.8	41.8#
92	27.2	16.8	25.2#





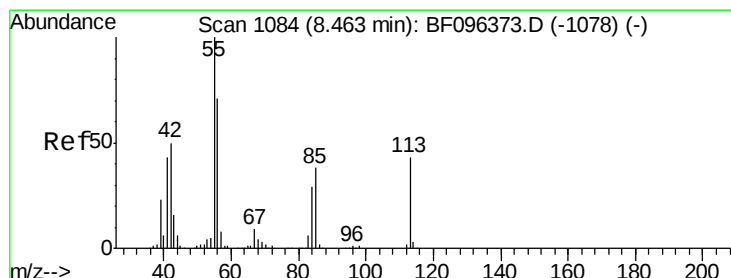
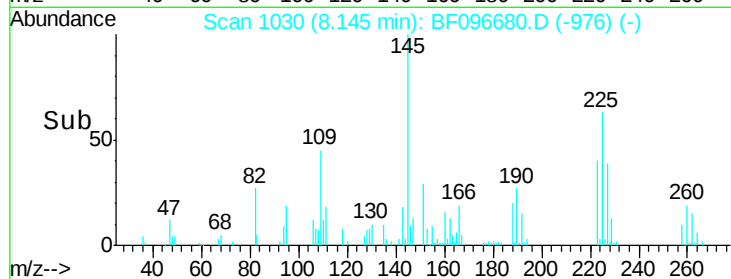
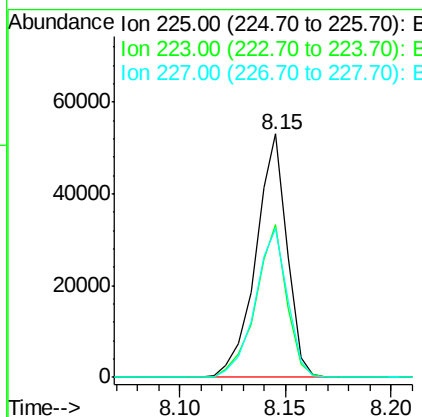
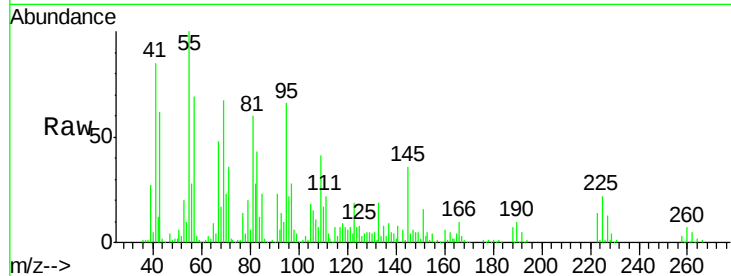
#34
Hexachlorobutadiene
Concen: 57.122 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	61.0	51.1	76.7

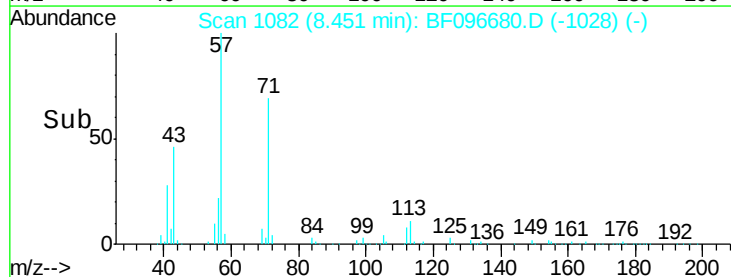
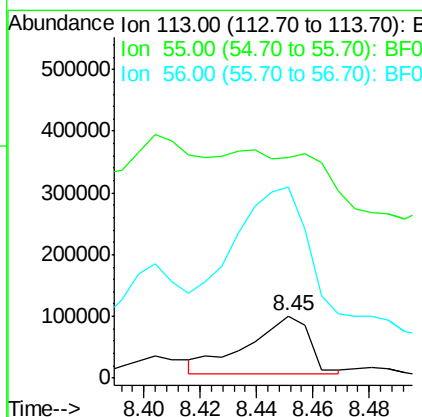
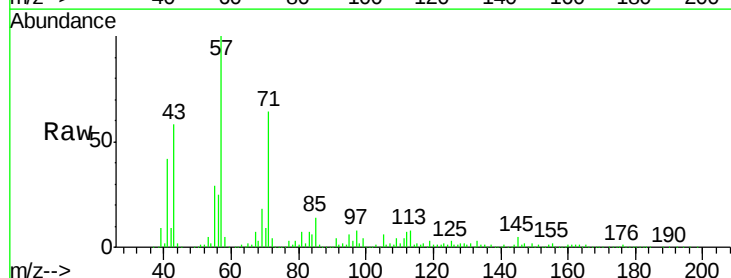
Manual Integrations
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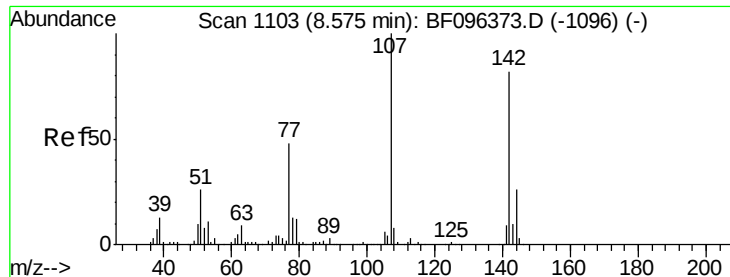
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#35
Caprolactam
Concen: 211.537 ng
RT: 8.45 min Scan# 1082
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
113	100		
55	355.8	150.2	190.2#
56	308.1	107.8	147.8#





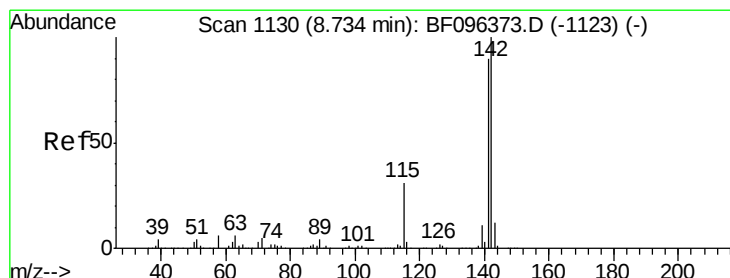
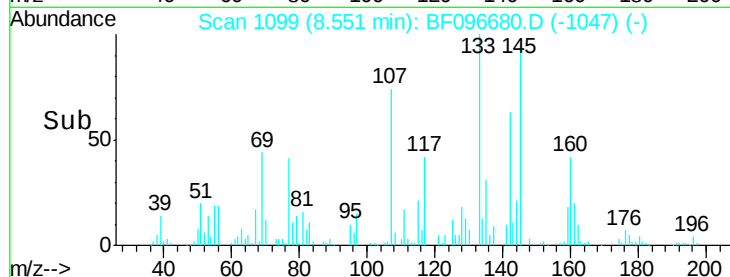
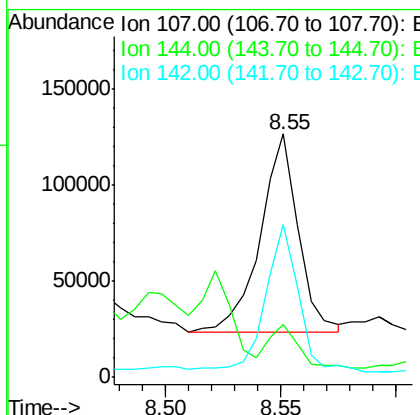
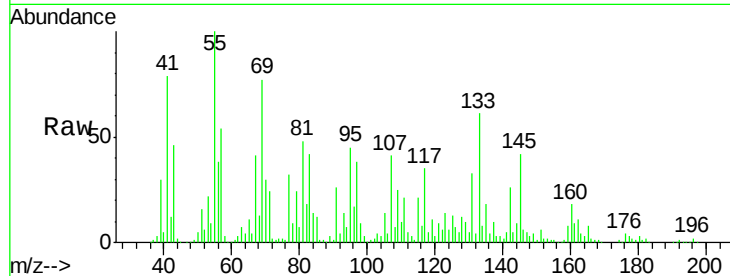
#36
 4-Chloro-3-methylphenol
 Concen: 54.125 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BAEMS

Tgt Ion:107 Resp: 118326
 Ion Ratio Lower Upper
 107 100
 144 21.6 24.2 36.4#
 142 62.9 73.4 110.0#

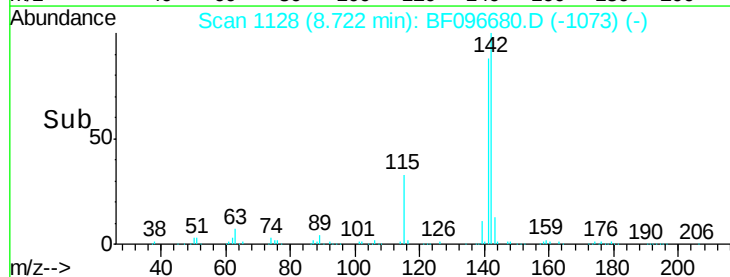
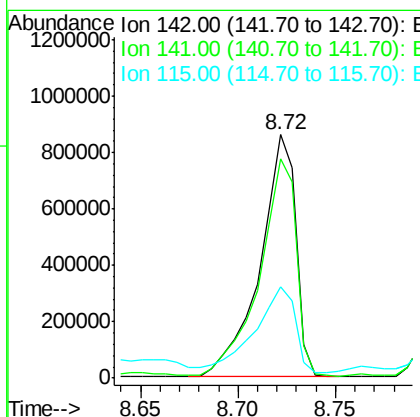
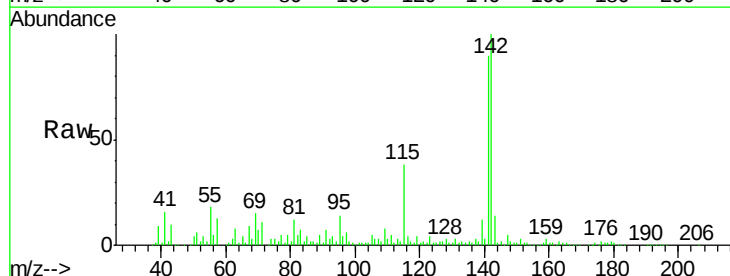
Manual Integrations
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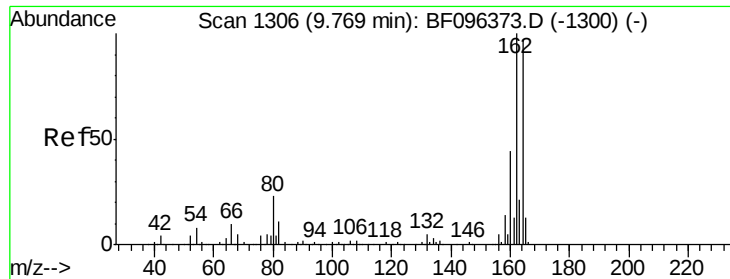
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#37
 2-Methylnaphthalene
 Concen: 250.350 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.02 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

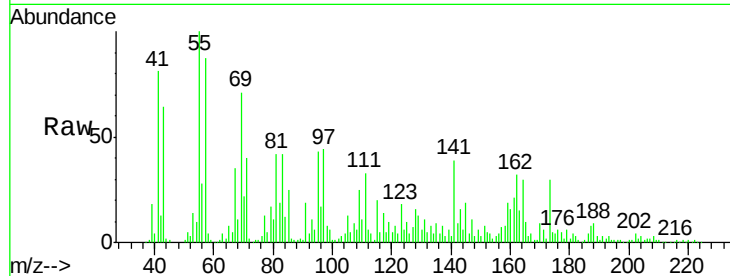
Tgt Ion:142 Resp: 1094961
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 37.7 27.1 40.7





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

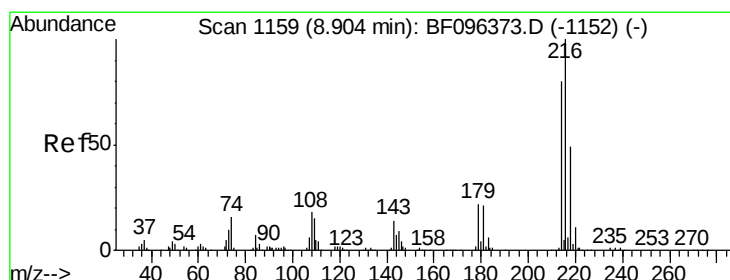
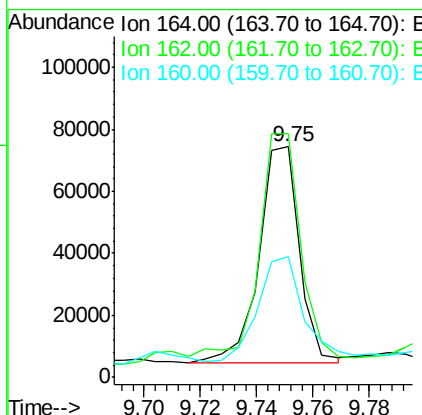
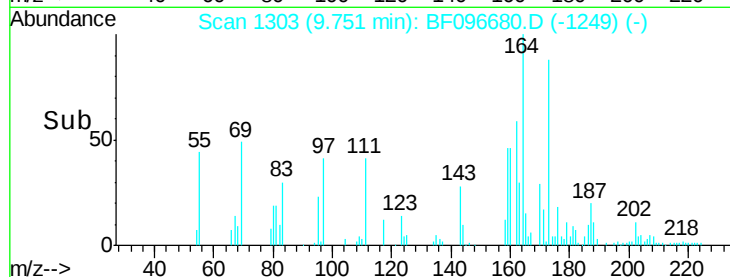
Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS



Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	52.4	36.2	54.2

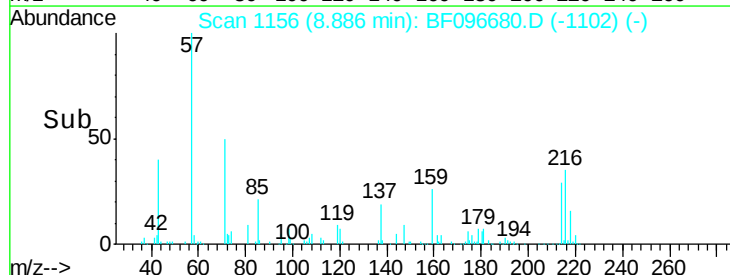
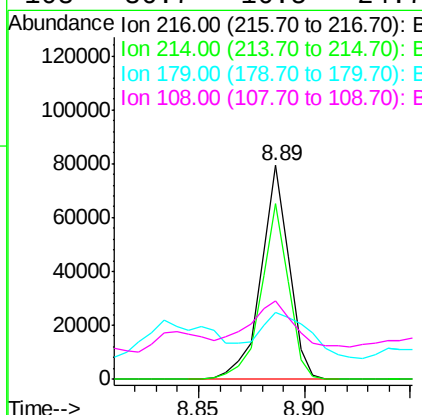
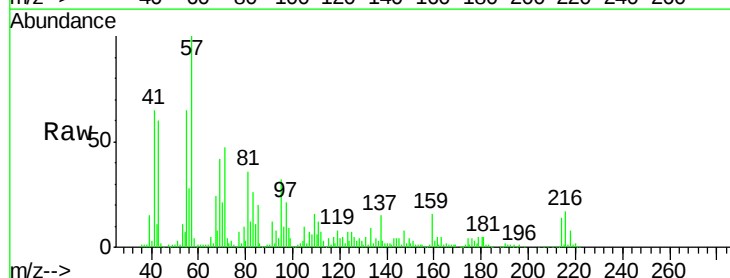
Manual Integrations
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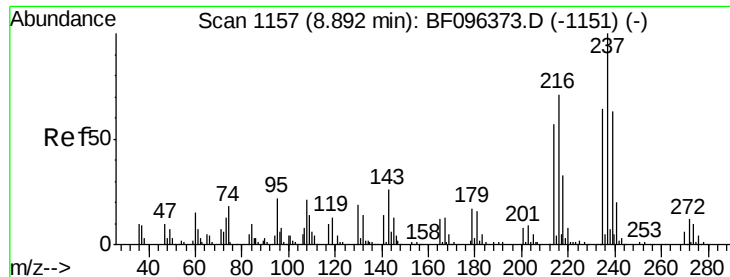
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.049 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	37.5	17.9	26.9#
108	36.7	16.5	24.7#





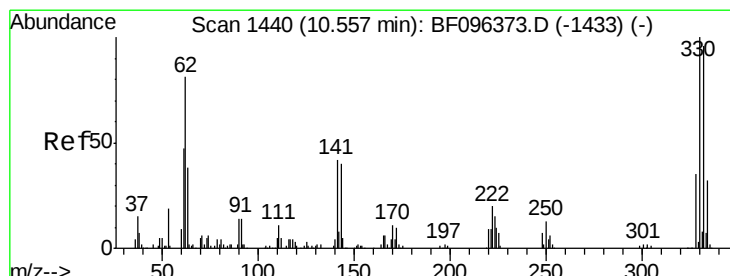
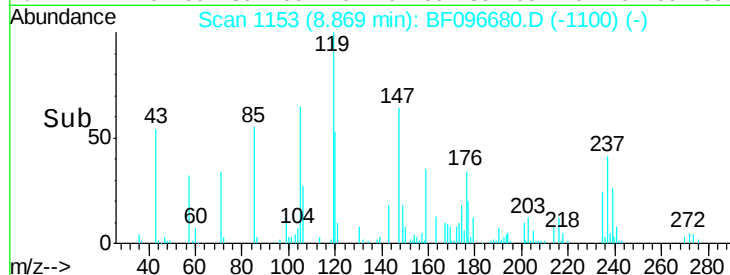
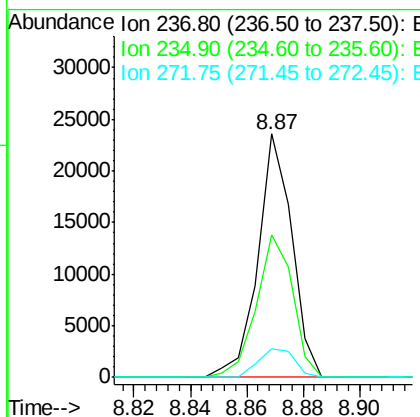
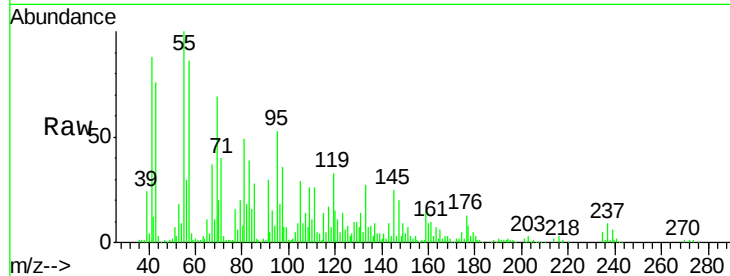
#40
Hexachlorocyclopentadiene
Concen: 22.590 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	58.6	42.6	82.6
272	11.7	0.0	31.9

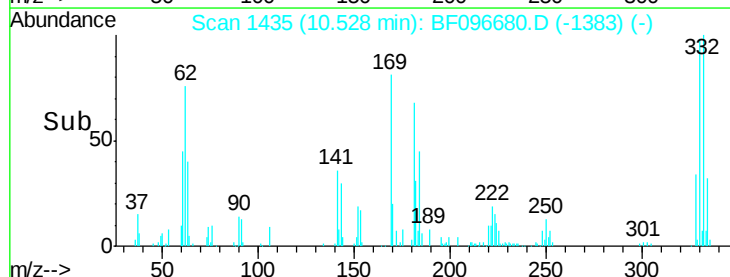
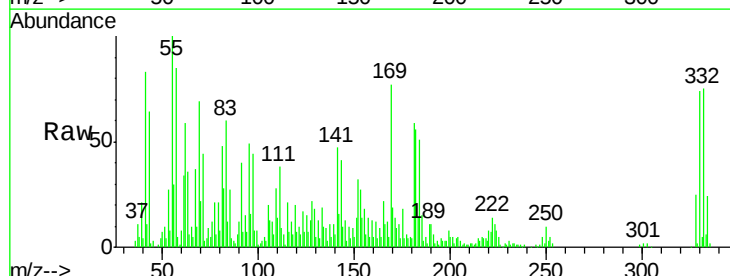
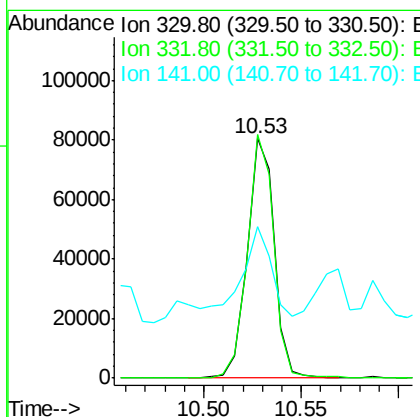
Manual Integrations
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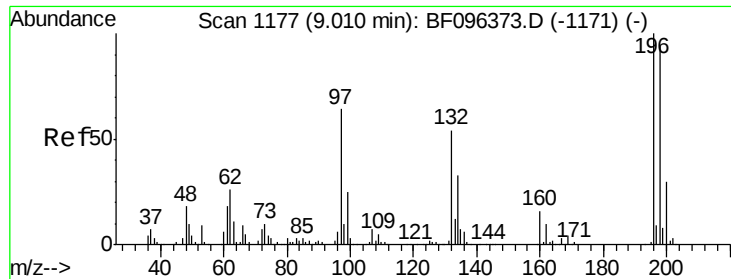
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#41
2,4,6-Tribromophenol
Concen: 142.191 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.7	76.6	115.0
141	39.2	31.4	47.2





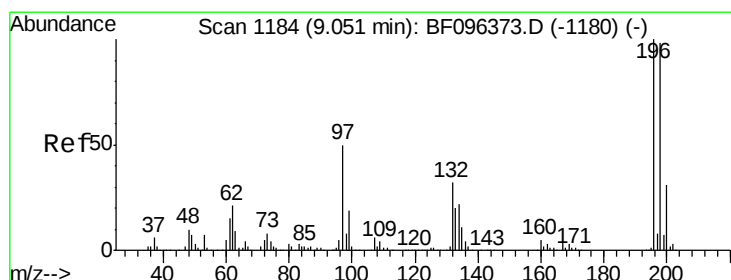
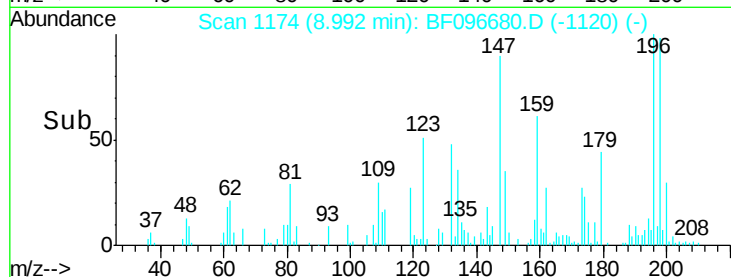
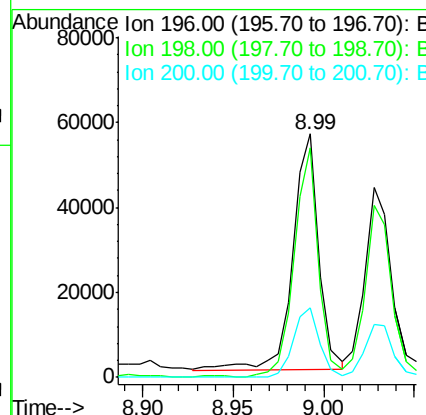
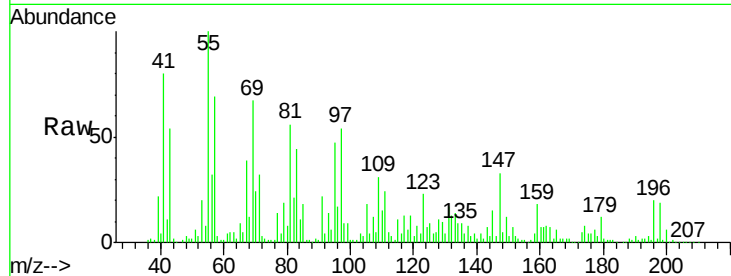
#42
2,4,6-Trichlorophenol
Concen: 39.477 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55964		
198	94.2	74.2	111.4	
200	28.7	24.0	36.0	

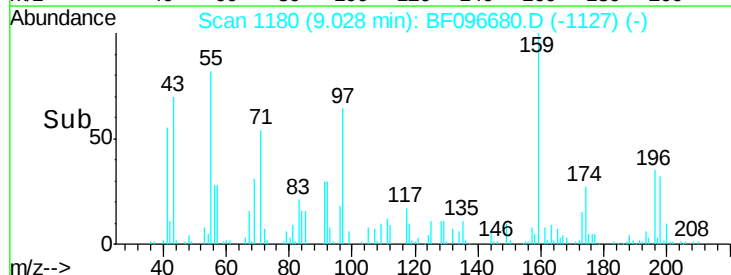
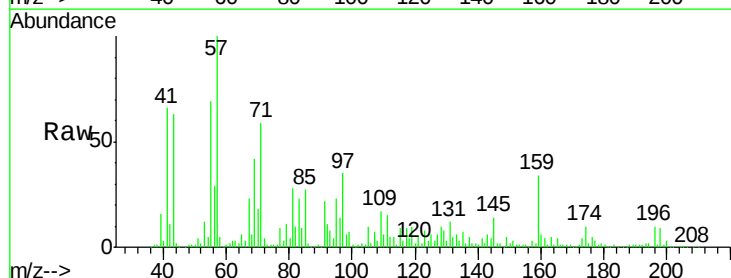
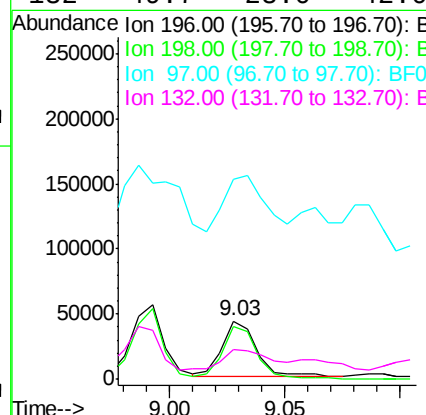
Manual Integrations
APPROVED

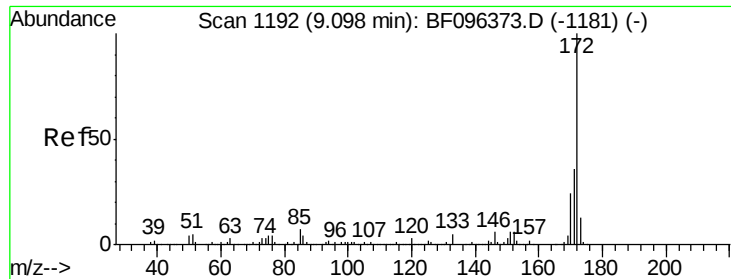
mohammad
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#43
2,4,5-Trichlorophenol
Concen: 30.941 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43369		
198	90.8	75.7	113.5	
97	344.4	47.7	71.5#	
132	49.7	28.0	42.0#	





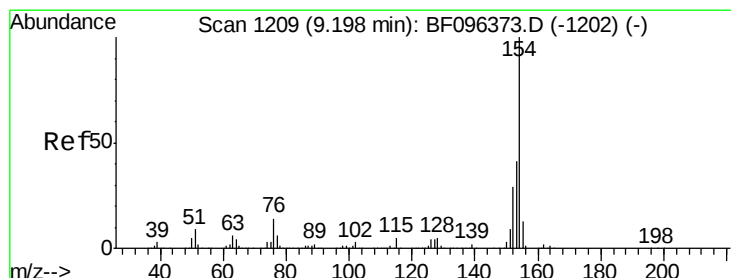
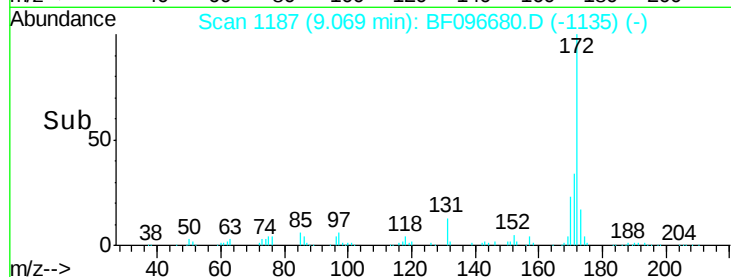
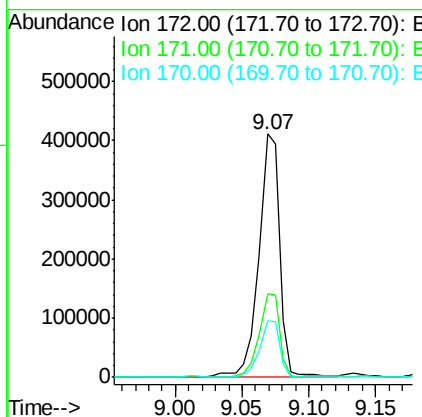
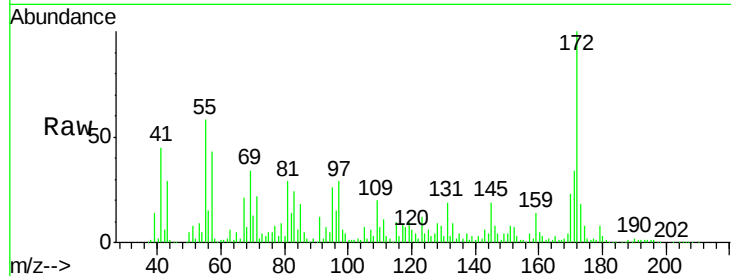
#44
2-Fluorobiphenyl
Concen: 109.036 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	440135		
171	34.4	29.6	44.4	
170	23.2	19.8	29.8	

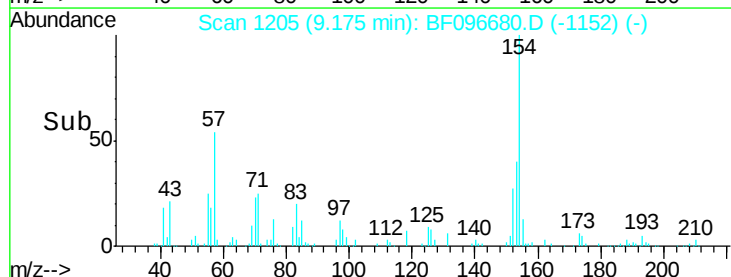
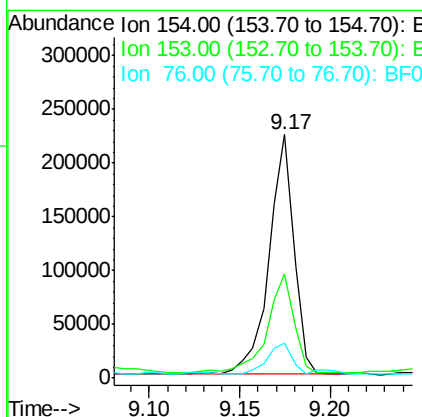
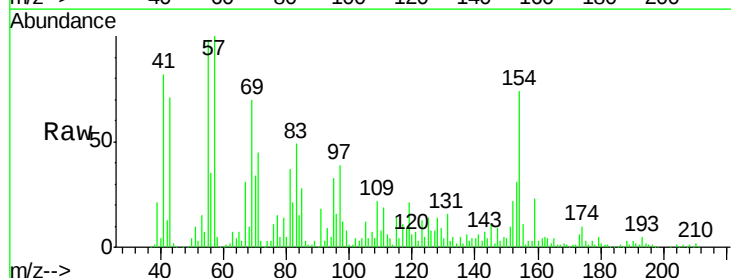
Manual Integrations
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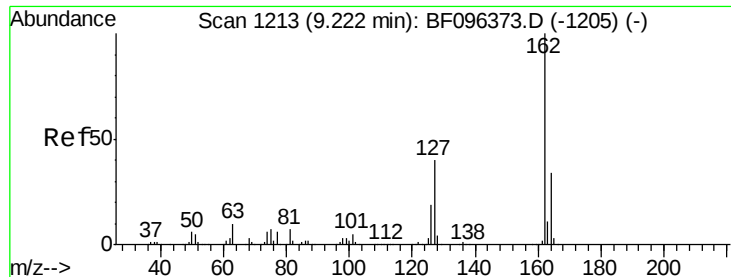
mohammad
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#45
1,1'-Biphenyl
Concen: 36.107 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	213521		
153	42.7	21.2	61.2	
76	14.5	0.0	29.9	





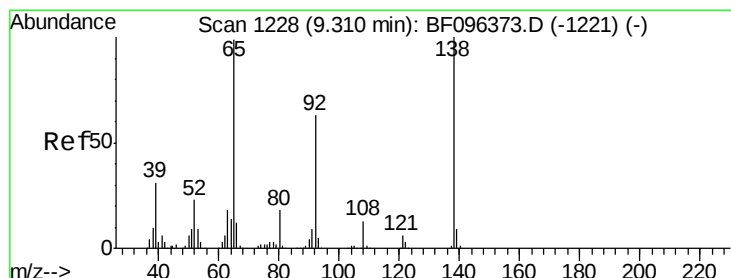
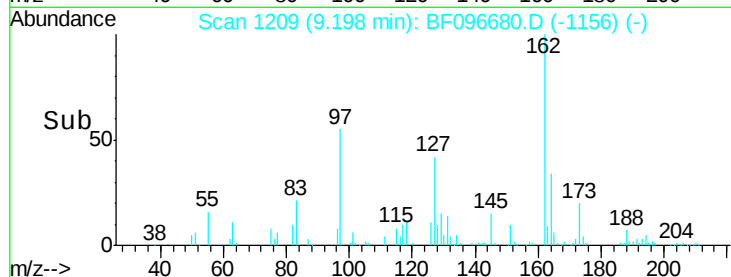
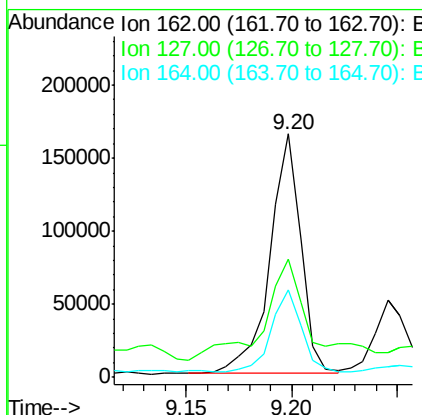
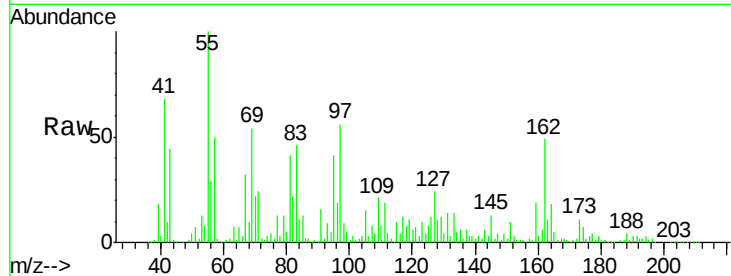
#46
2-Chloronaphthalene
Concen: 38.055 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	167709		
127	48.6	28.3	42.5#	
164	35.8	27.0	40.4	

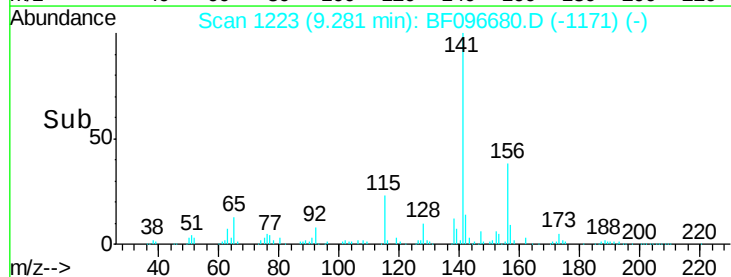
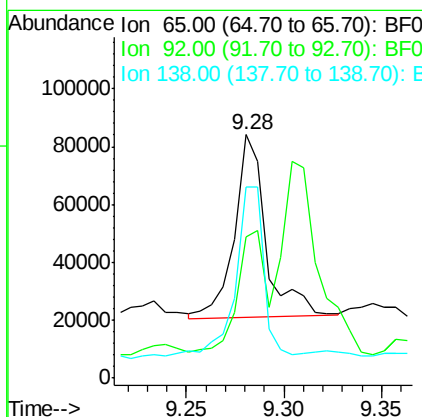
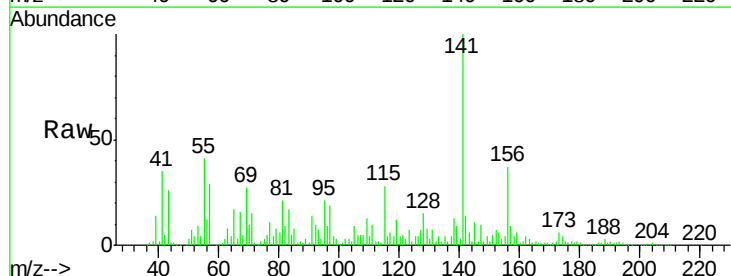
Manual Integrations
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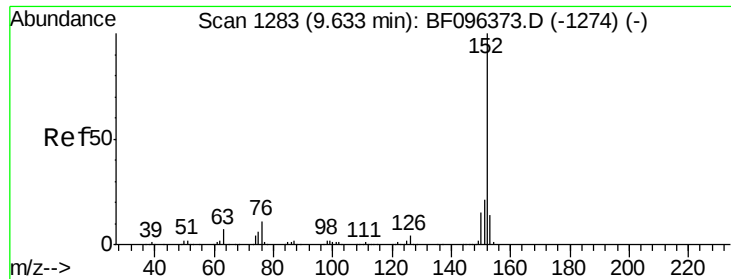
mohammad
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#47
2-Nitroaniline
Concen: 44.455 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	71286		
92	57.8	53.9	80.9	
138	78.3	78.8	118.2#	





#48

Acenaphthylene

Concen: 45.215 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

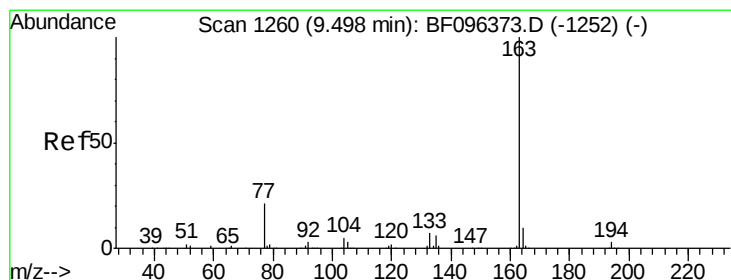
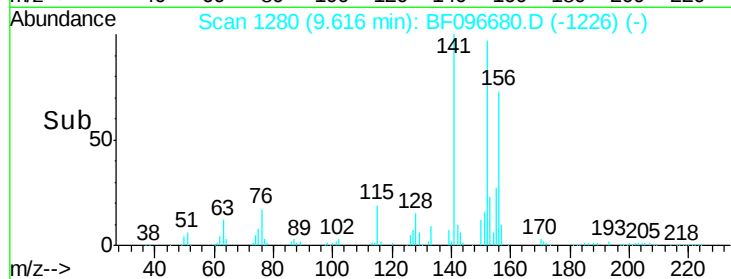
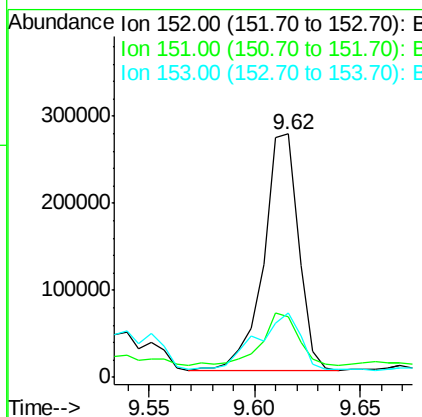
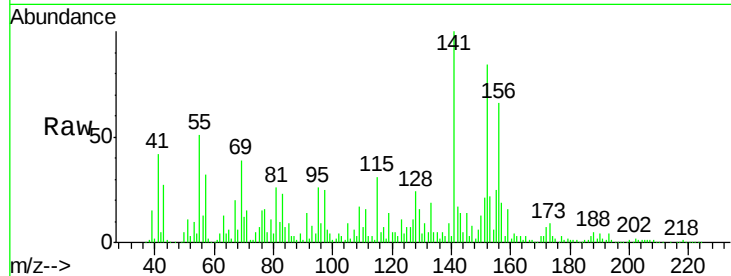
ClientSampleId :

E2-HS2-BAEMS

Tgt Ion:	152	Resp:	315738
Ion Ratio	Lower	Upper	
152	100		
151	25.1	16.8	25.2
153	26.7	10.8	16.2#

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#49

Dimethylphthalate

Concen: 56.733 ng

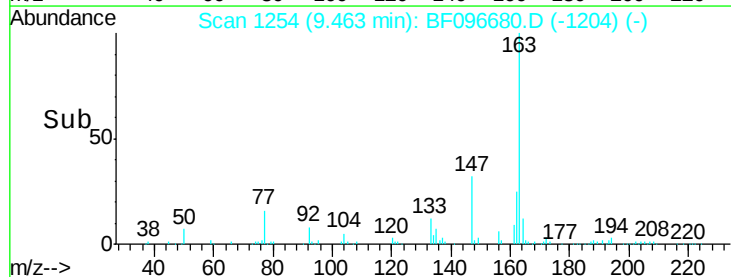
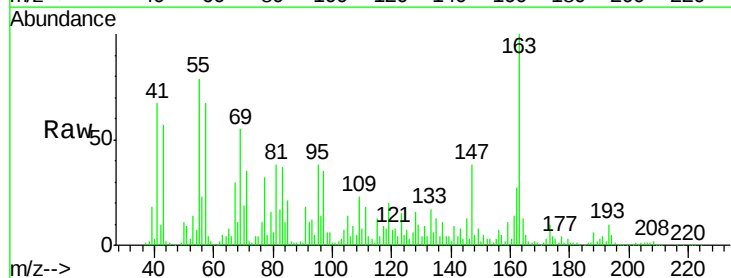
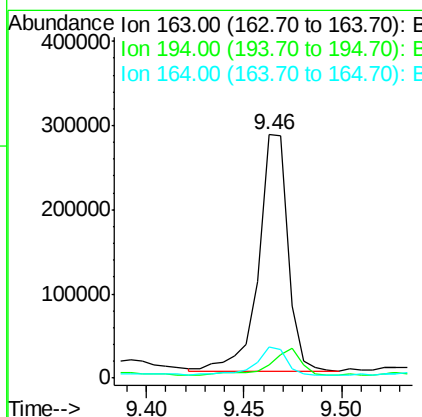
RT: 9.46 min Scan# 1254

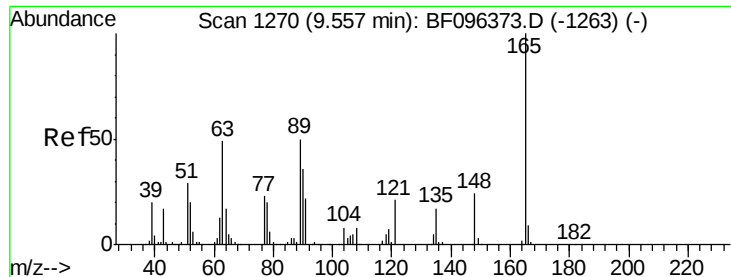
Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	163	Resp:	292296
Ion Ratio	Lower	Upper	
163	100		
194	5.3	2.6	4.0#
164	12.9	8.4	12.6#





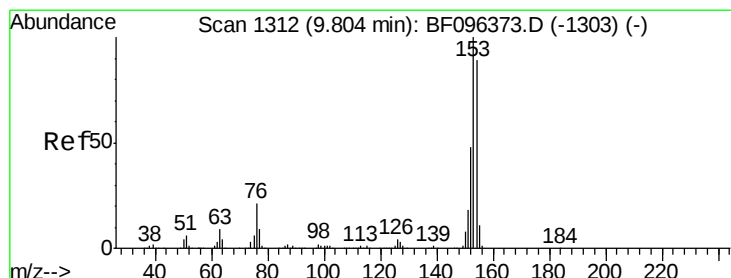
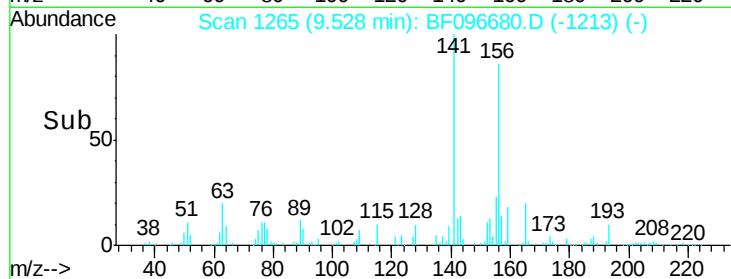
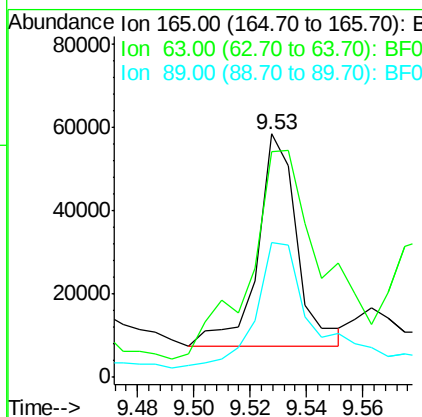
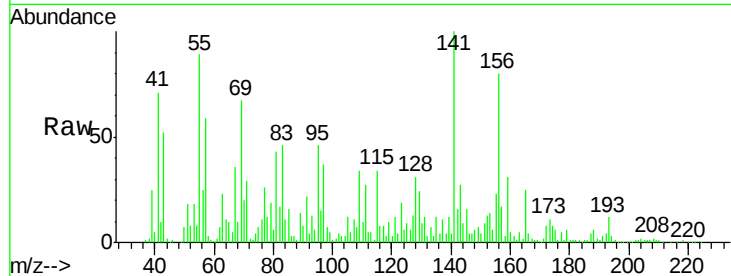
#50
 2,6-Dinitrotoluene
 Concen: 43.738 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BASEMS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	93.0	34.3	51.5#
89	55.6	37.1	55.7

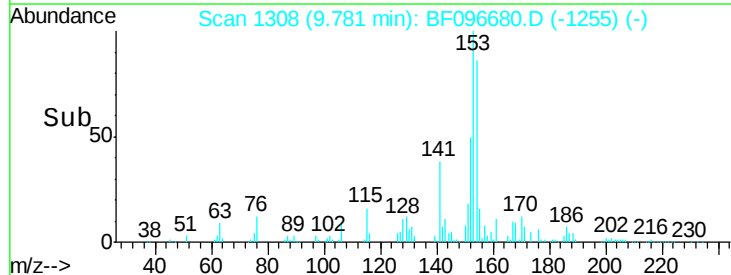
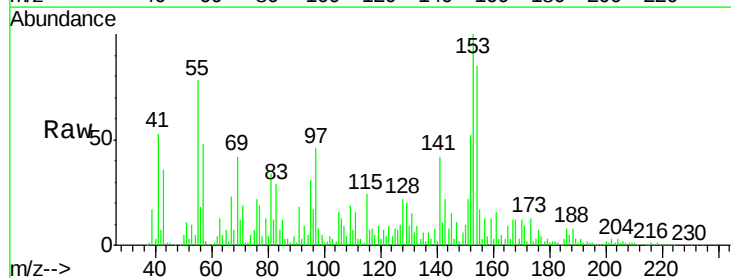
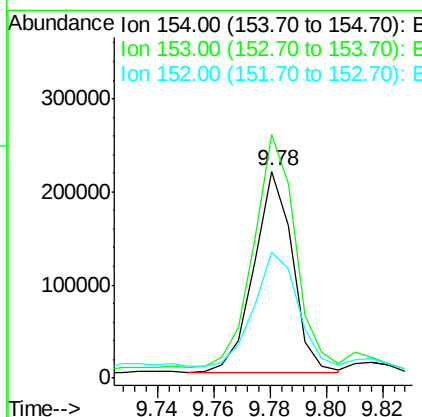
Manual Integrations
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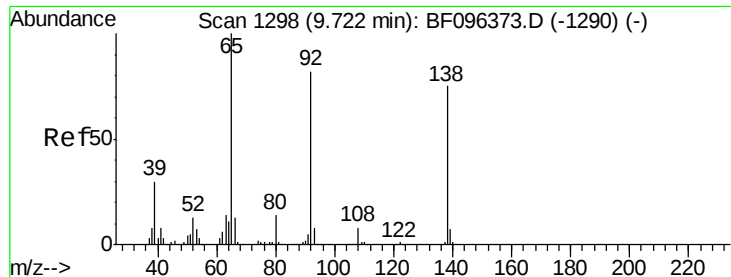
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#51
 Acenaphthene
 Concen: 48.076 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	117.5	90.5	135.7
152	60.7	43.6	65.4





#52

3-Nitroaniline

Concen: 40.933 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

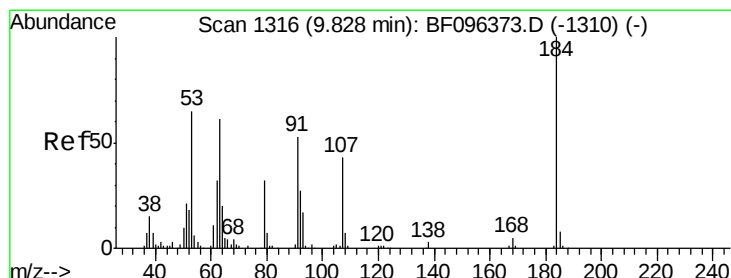
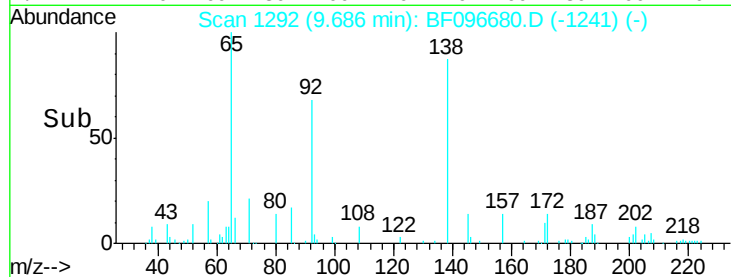
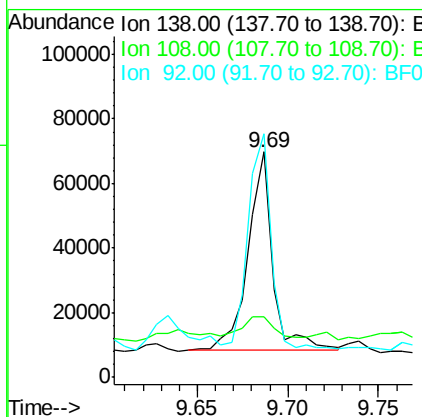
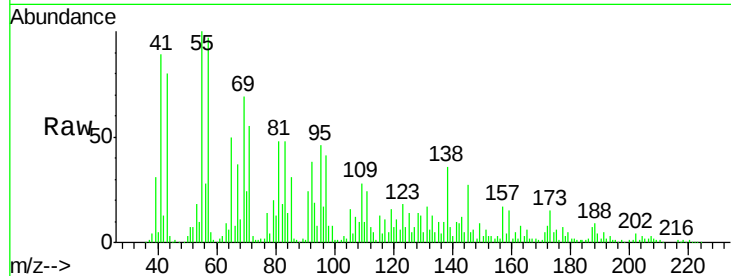
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	26.8	9.1	13.7#
92	107.9	93.8	140.6

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#53

2,4-Dinitrophenol

Concen: 14.101 ng

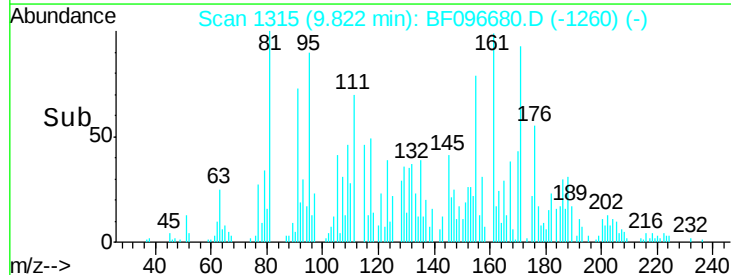
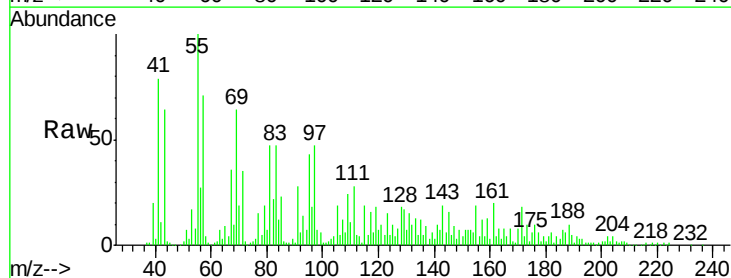
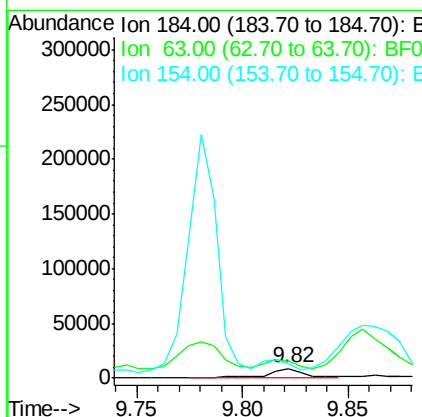
RT: 9.82 min Scan# 1315

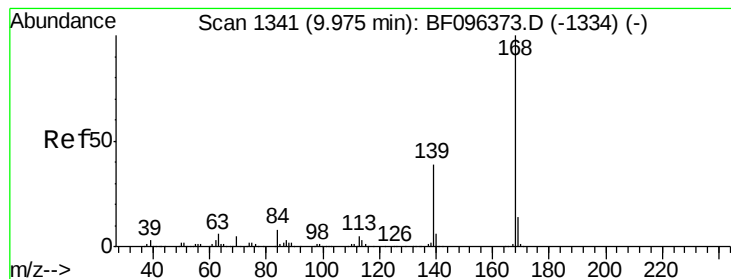
Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	177.1	62.7	94.1#
154	154.8	81.1	121.7#





#54

Dibenzenofuran

Concen: 44.373 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

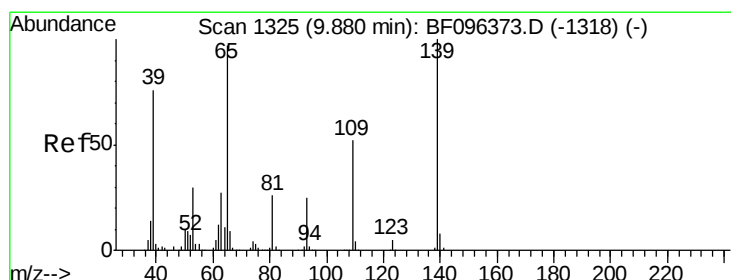
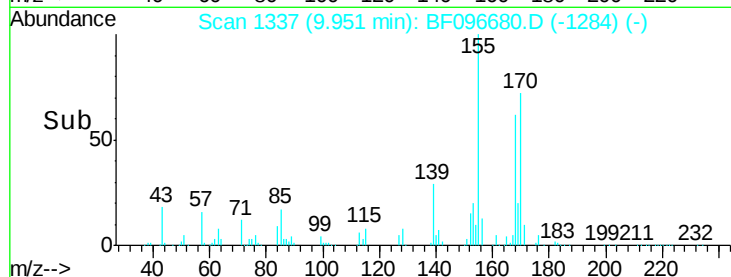
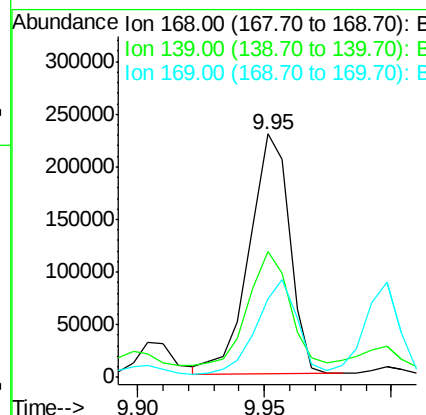
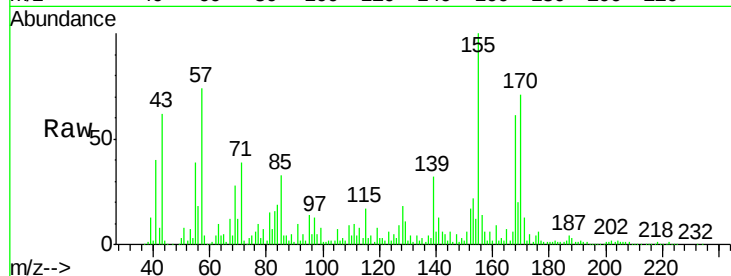
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	168	Resp:	252169
Ion Ratio	Lower	Upper	
168	100		
139	51.5	30.6	45.8#
169	32.1	10.8	16.2#

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#55

4-Nitrophenol

Concen: 93.984 ng

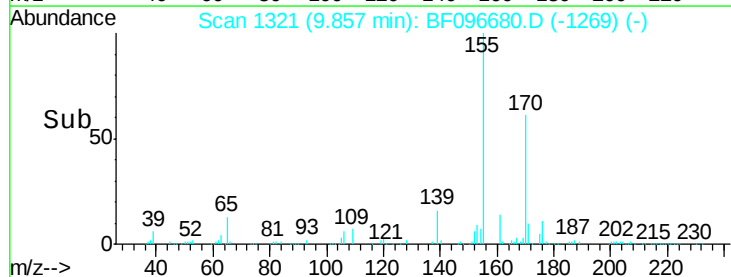
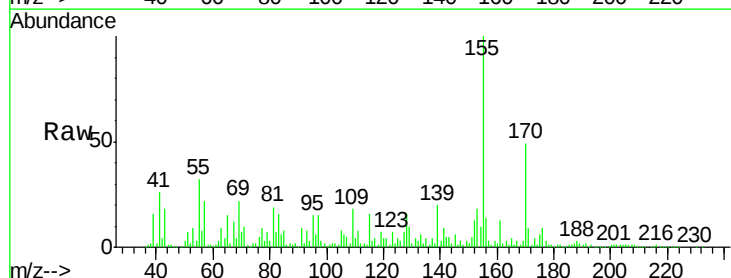
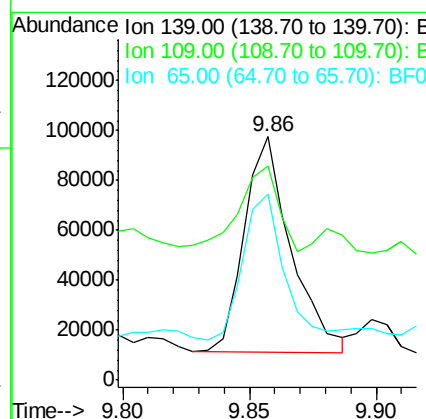
RT: 9.86 min Scan# 1321

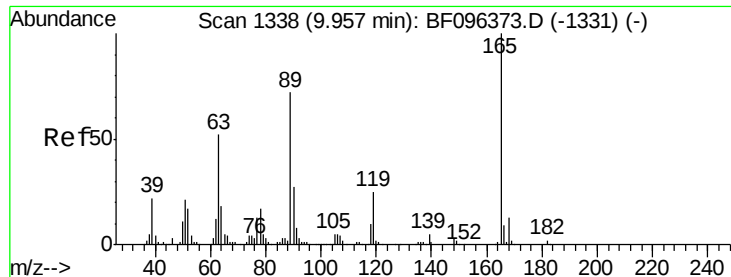
Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

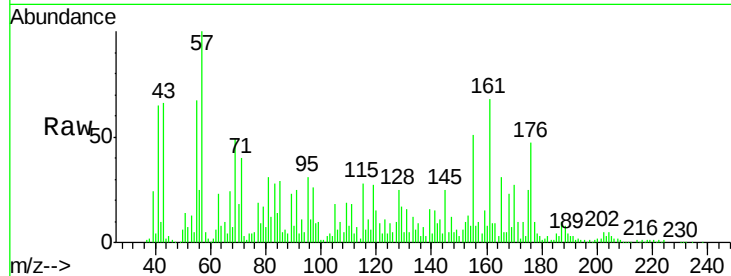
Tgt Ion:	139	Resp:	110697
Ion Ratio	Lower	Upper	
139	100		
109	88.0	34.1	74.1#
65	76.5	31.4	71.4#





#56
2,4-Dinitrotoluene
Concen: 65.432 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

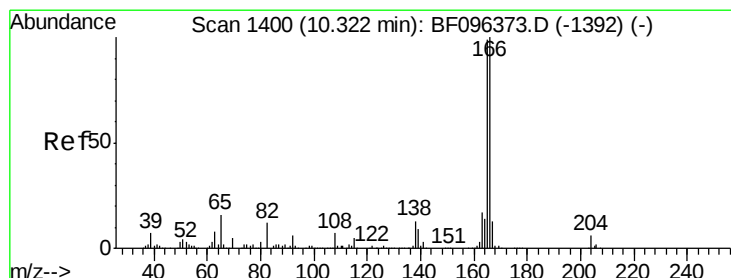
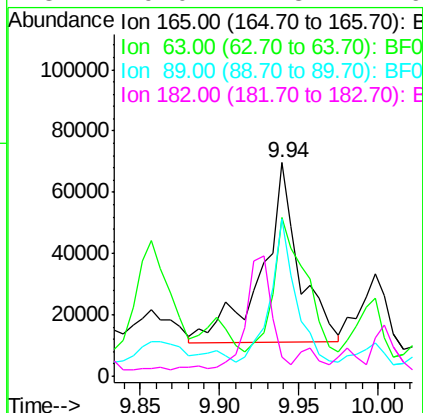
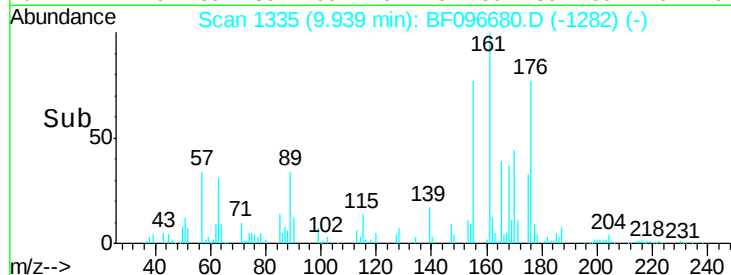
Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS



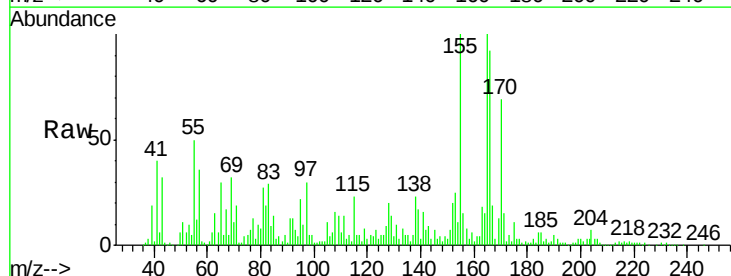
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	74.1	25.4	38.0#
89	73.7	46.4	69.6#
182	9.0	1.8	2.6#

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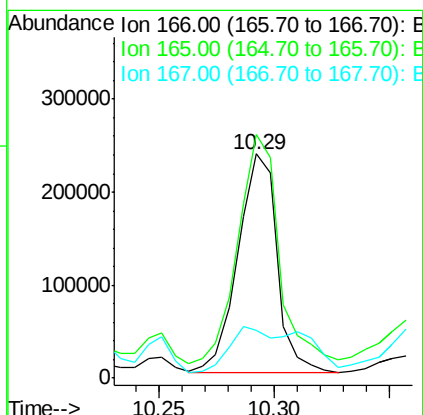
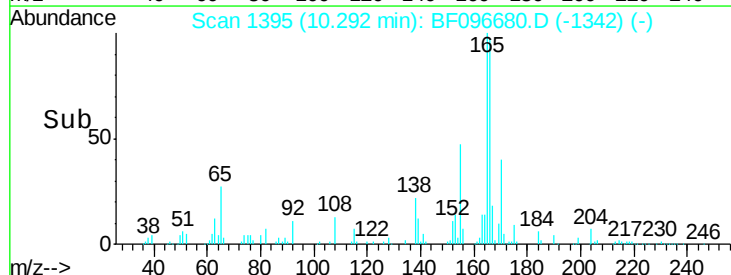
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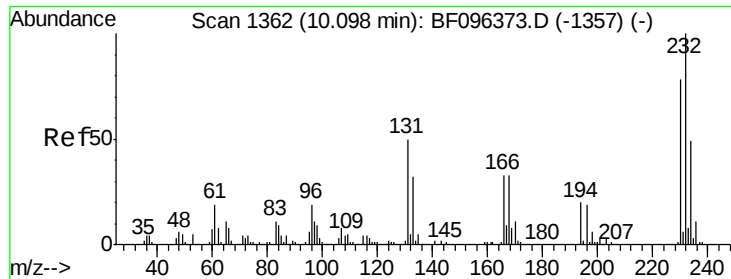


#57
Fluorene
Concen: 69.450 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51



Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	108.7	78.8	118.2
167	21.1	10.6	16.0#





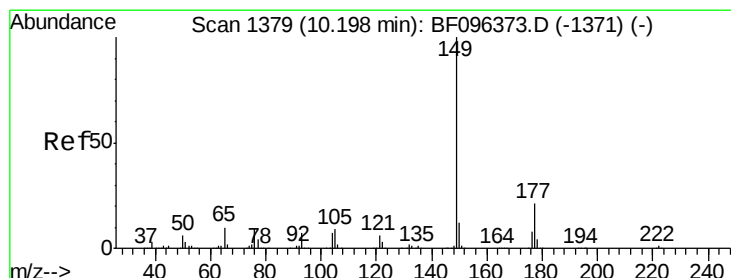
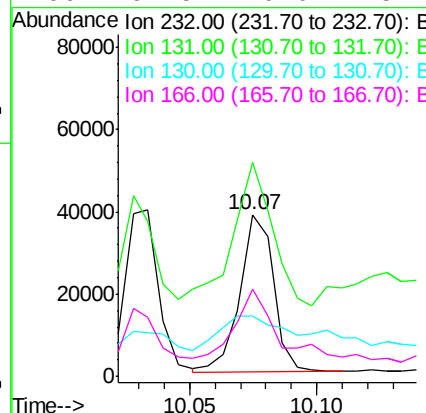
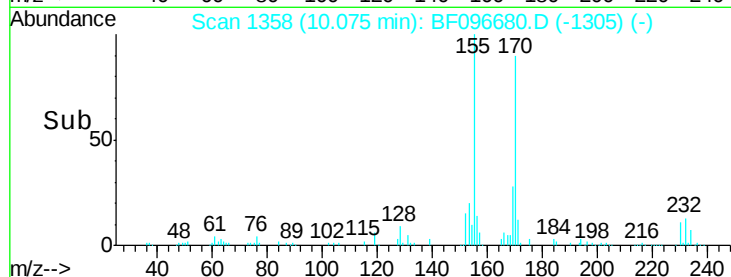
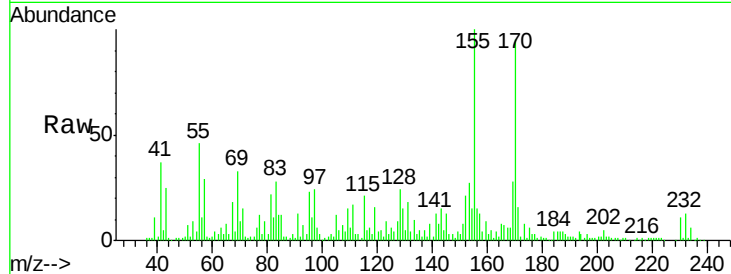
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.946 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	116.4	44.8	67.2#
130	60.8	2.3	3.5#
166	61.5	29.0	43.4#

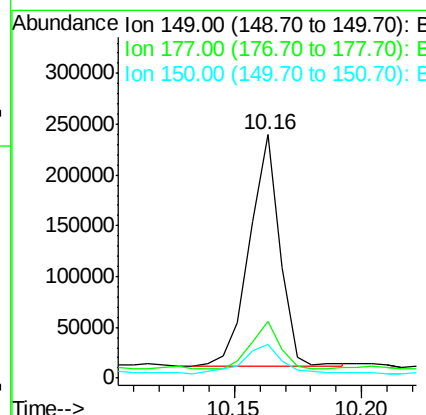
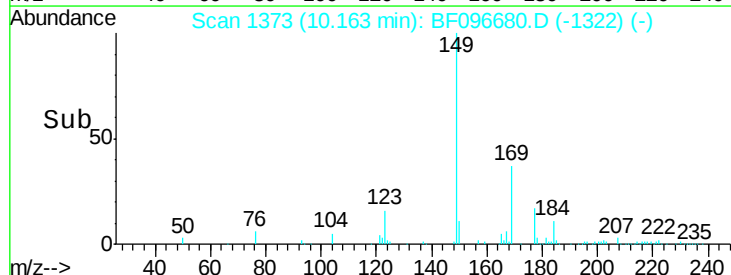
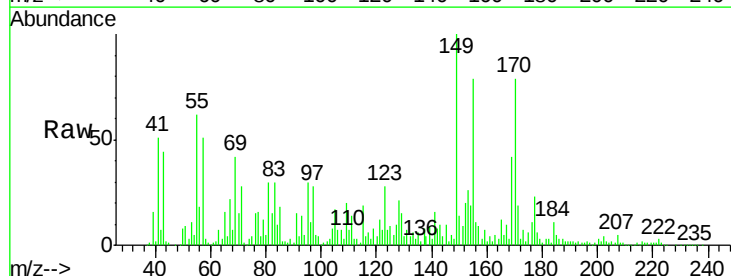
Manual Integrations
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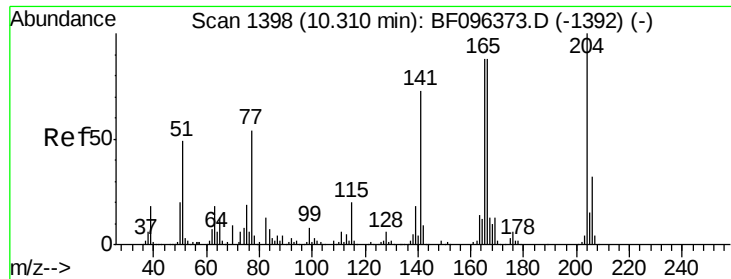
mohammad
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#59
 Diethylphthalate
 Concen: 38.713 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.7	25.1
150	14.0	10.2	15.2





#60

4-Chlorophenyl-phenylether

Concen: 44.611 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

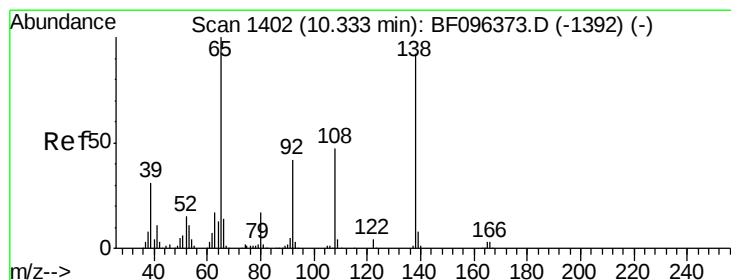
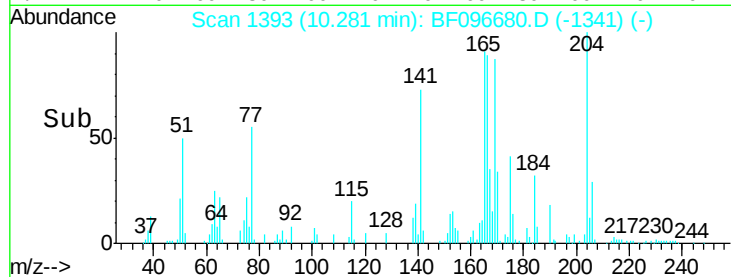
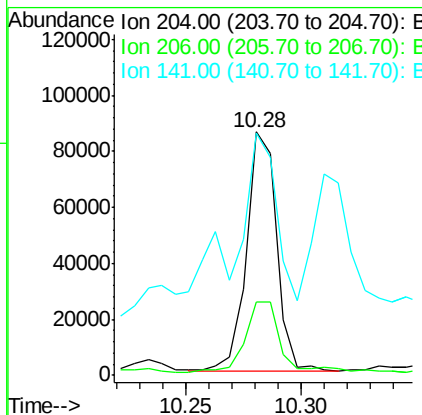
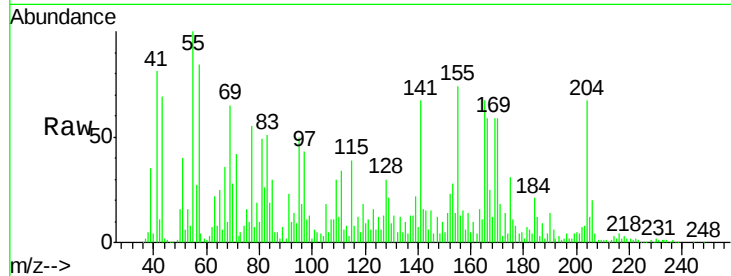
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	204	Resp:	77905
Ion Ratio	Lower	Upper	
204	100		
206	30.1	26.2	39.2
141	99.7	60.8	91.2#

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#61

4-Nitroaniline

Concen: 35.621 ng

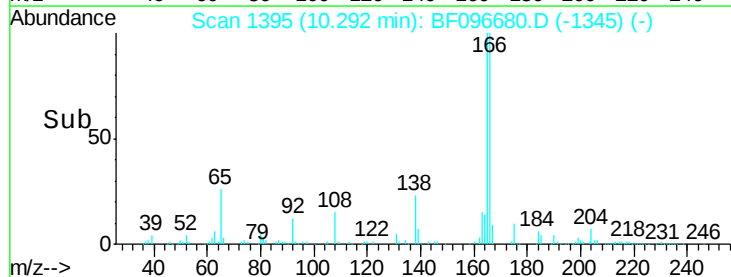
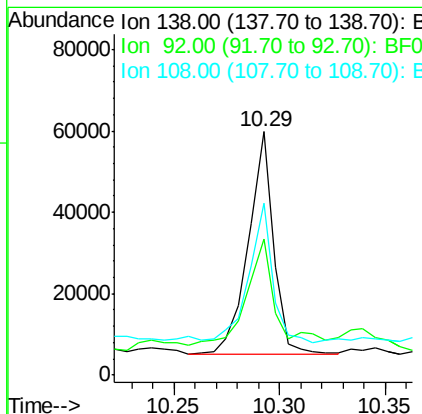
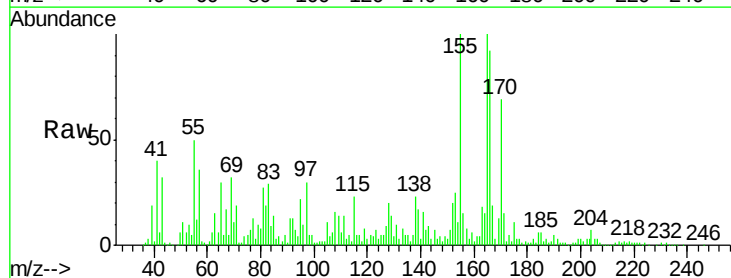
RT: 10.29 min Scan# 1395

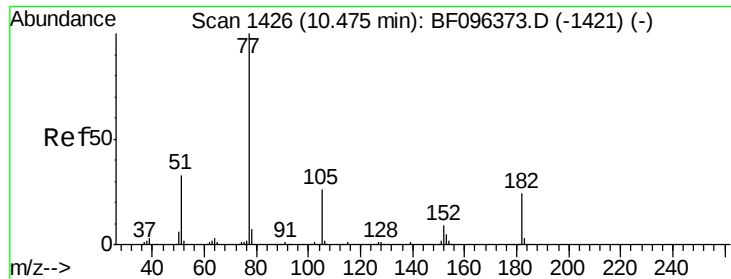
Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	138	Resp:	46027
Ion Ratio	Lower	Upper	
138	100		
92	55.9	21.8	61.8
108	70.6	42.3	82.3





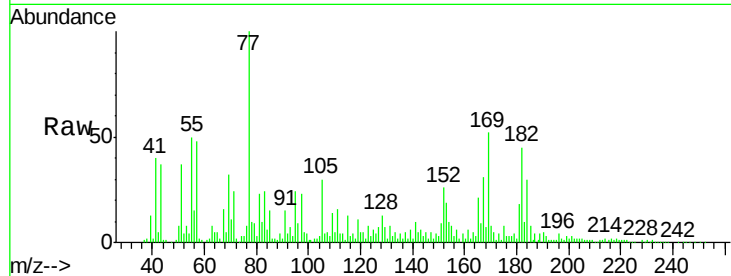
#62
Azobenzene
Concen: 45.081 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

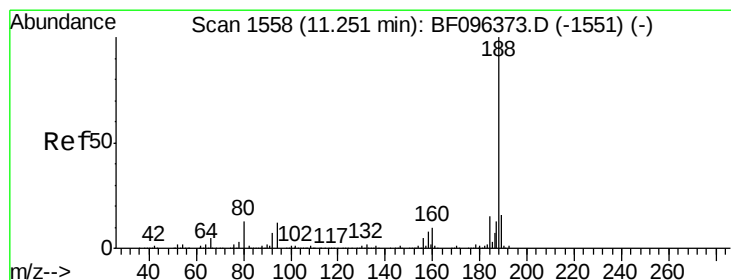
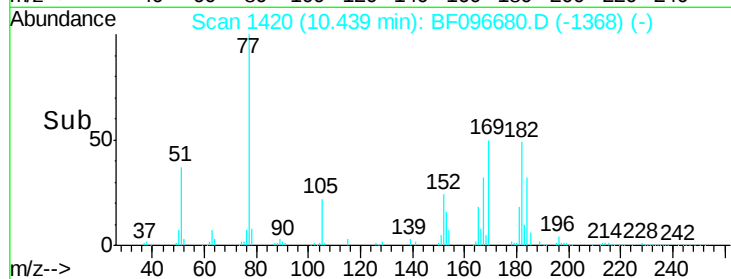
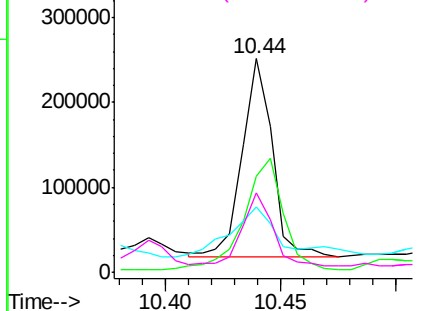
Tgt Ion	Ratio	Resp Lower	Upper
77	100		
182	45.0	0.1	40.1#
105	30.4	3.6	43.6
51	37.2	9.4	49.4

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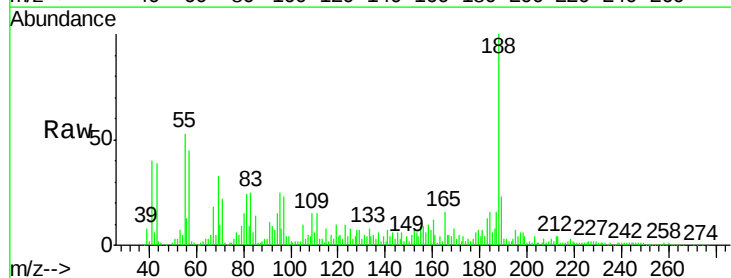


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

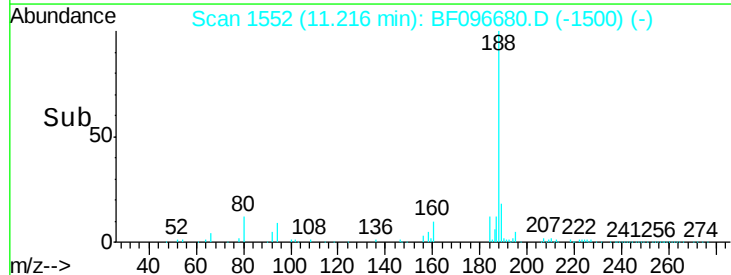
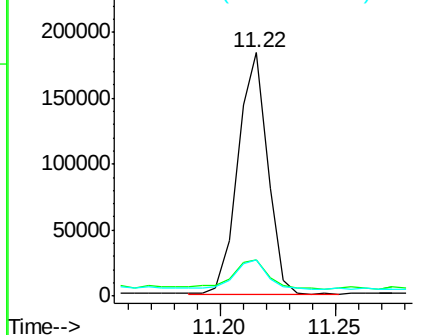


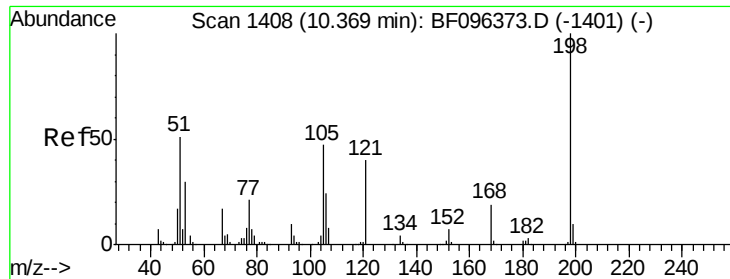
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	14.7	9.4	14.2#
80	15.0	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 9.629 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:198 Resp: 10838
Ion Ratio Lower Upper

198 100

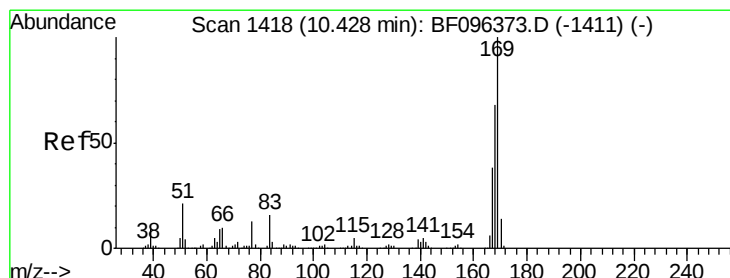
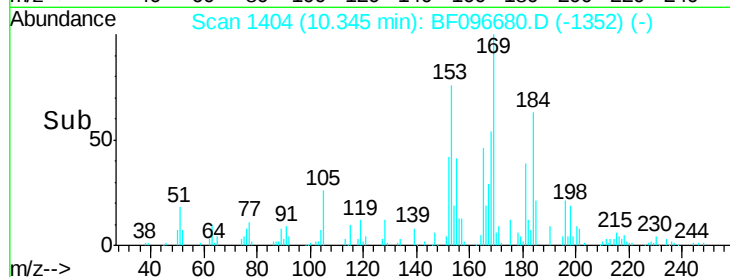
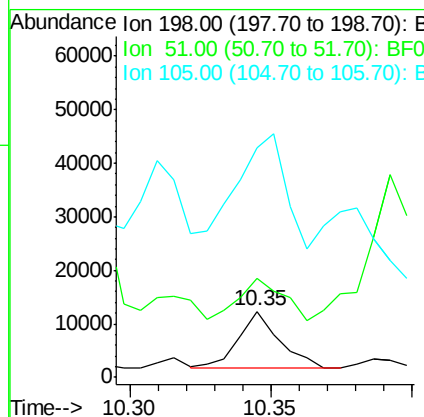
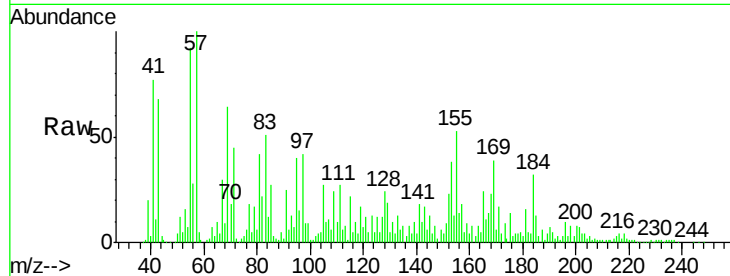
51 149.4 53.2 93.2#

105 346.1 45.8 85.8#

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#65

n-Nitrosodiphenylamine

Concen: 71.180 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF096680.D

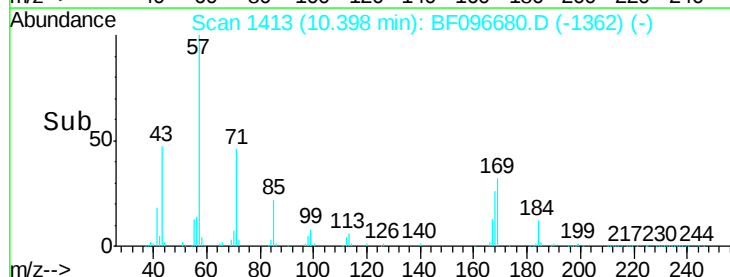
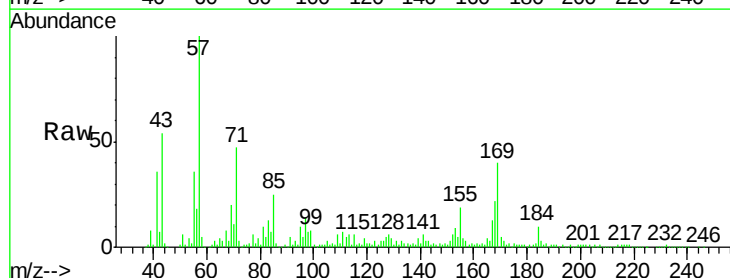
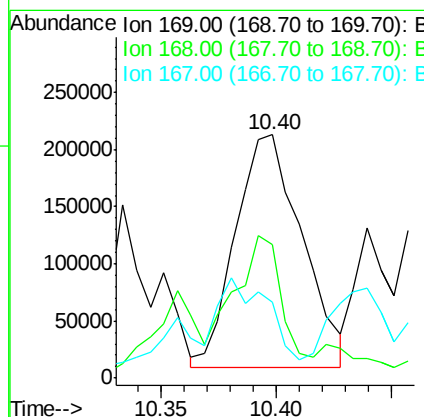
Acq: 12 Jul 2017 8:51

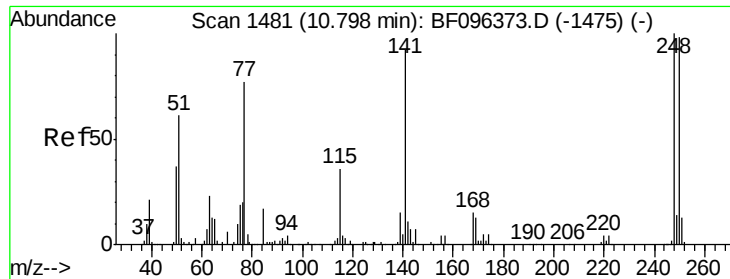
Tgt Ion:169 Resp: 407582
Ion Ratio Lower Upper

169 100

168 55.0 53.2 79.8

167 31.3 29.5 44.3





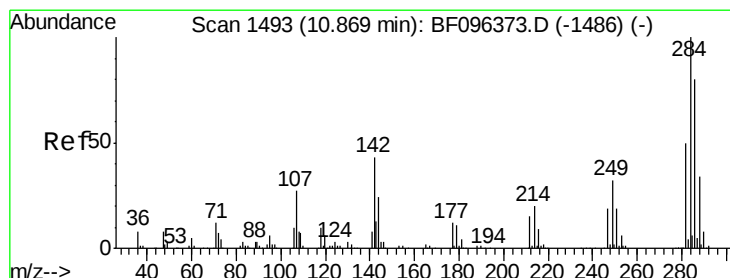
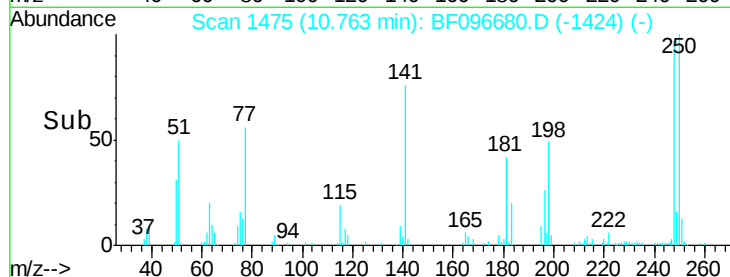
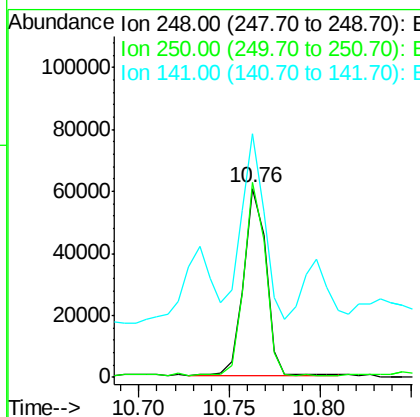
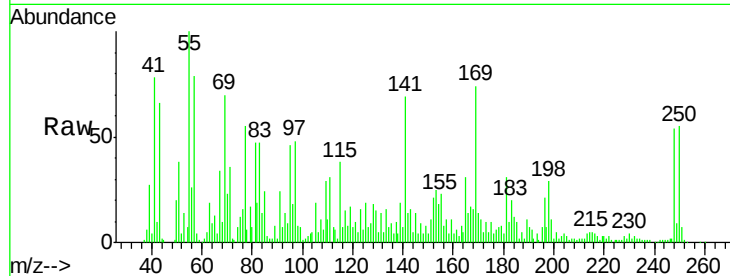
#66
4-Bromophenyl-phenylether
Concen: 32.930 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.0	76.8	115.2
141	128.9	68.6	103.0#

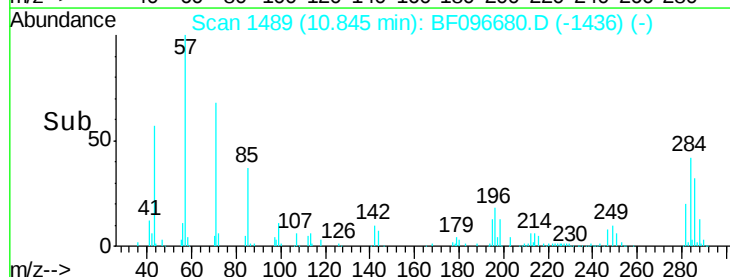
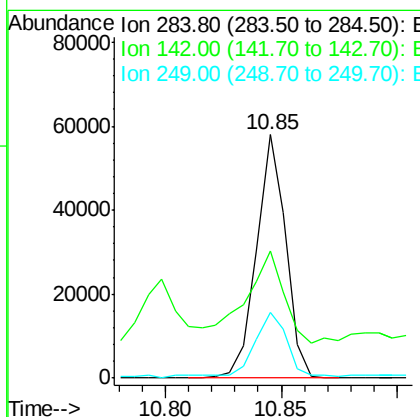
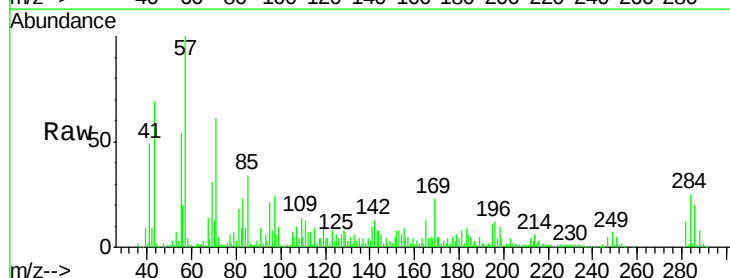
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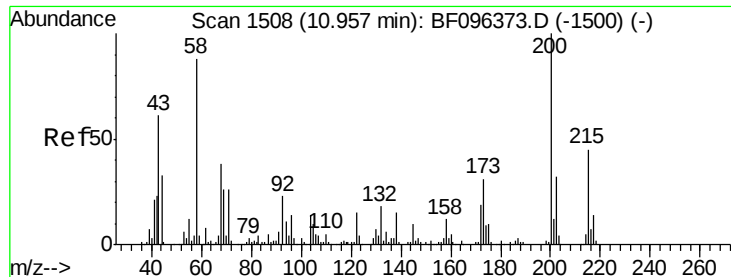
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#67
Hexachlorobenzene
Concen: 29.631 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.5	22.8	34.2#
249	27.1	24.0	36.0





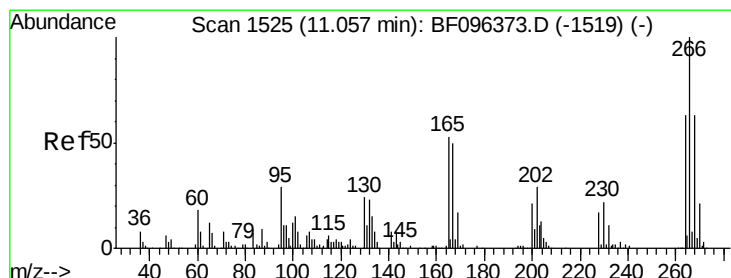
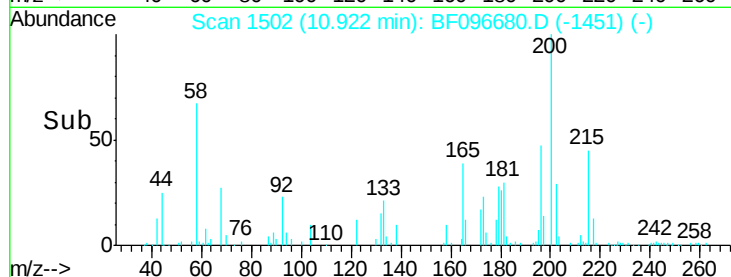
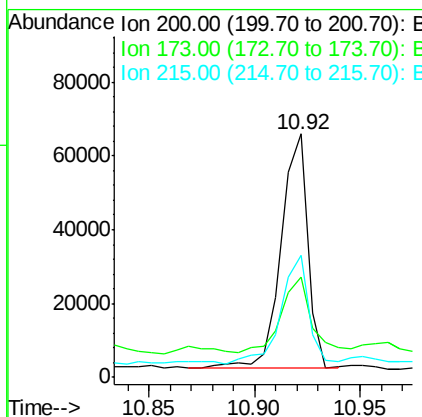
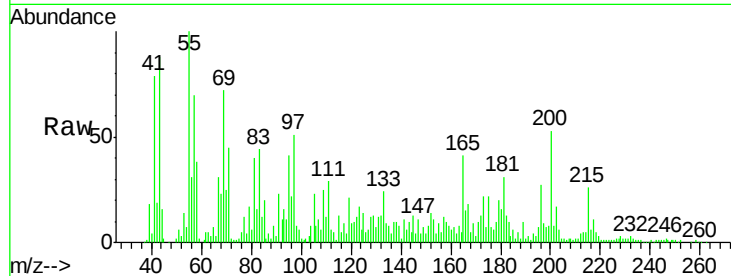
#68
Atrazine
Concen: 34.247 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	41.4	6.3	46.3
215	50.0	27.2	67.2

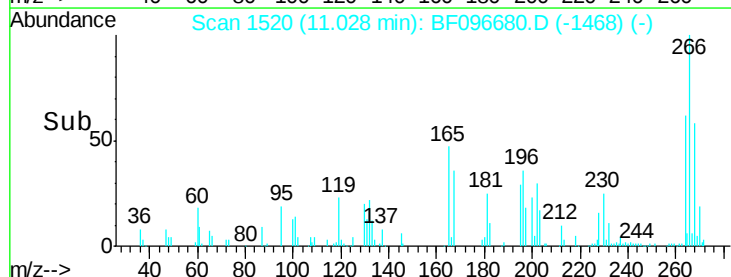
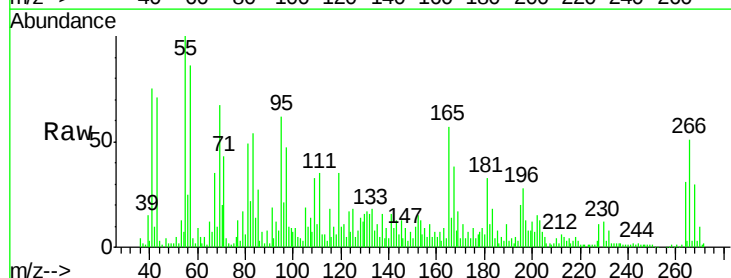
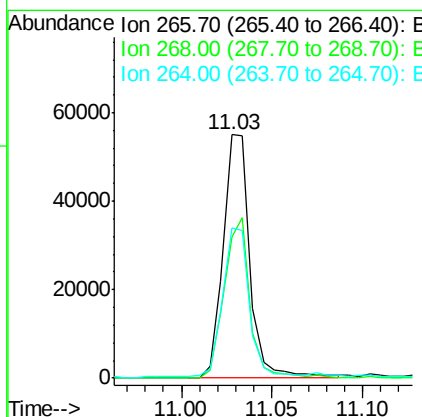
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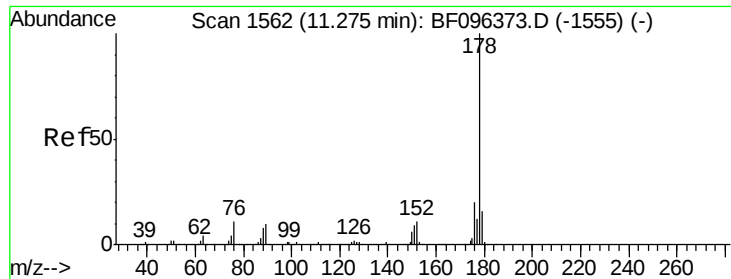
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#69
Pentachlorophenol
Concen: 54.973 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.1	51.1	76.7
264	61.7	51.7	77.5





#70

Phenanthrene

Concen: 60.184 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

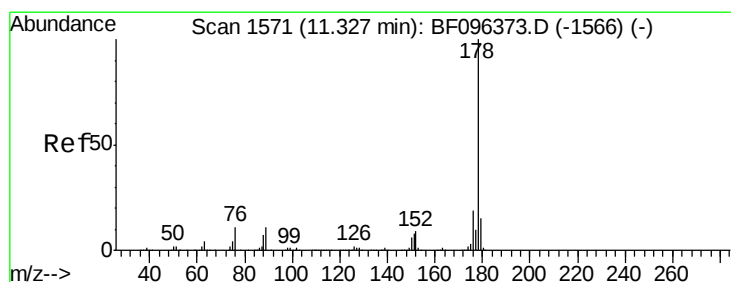
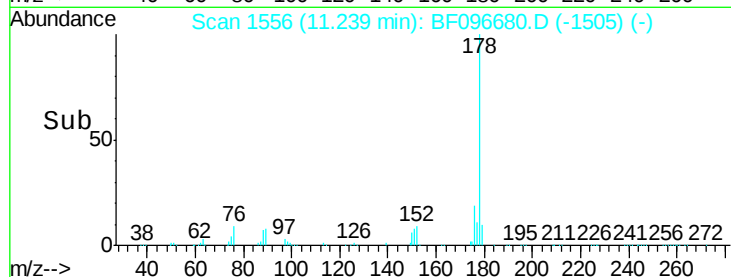
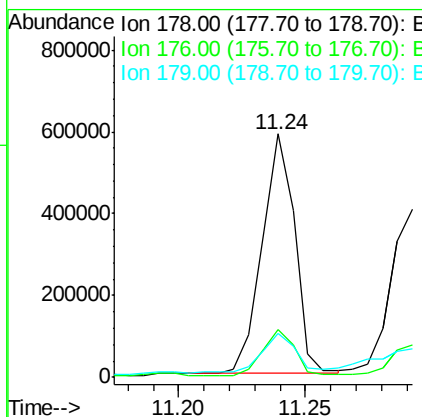
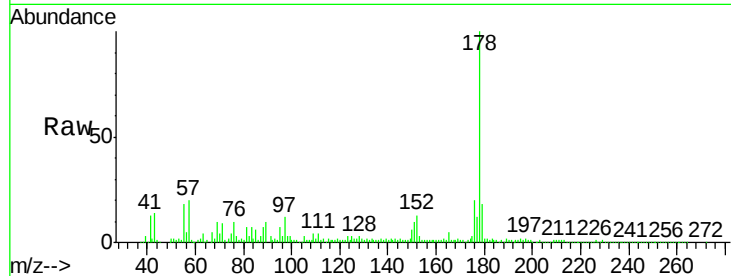
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	178	Resp:	530949
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.2	24.4
179	18.2	12.6	19.0

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#71

Anthracene

Concen: 39.419 ng

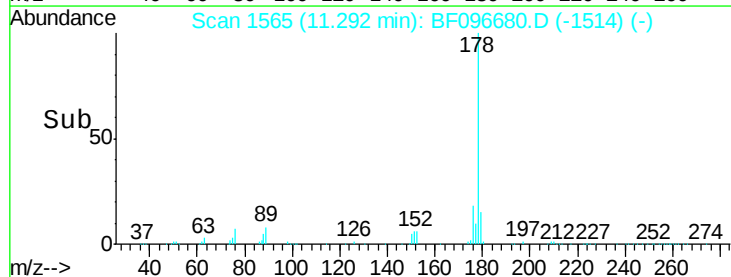
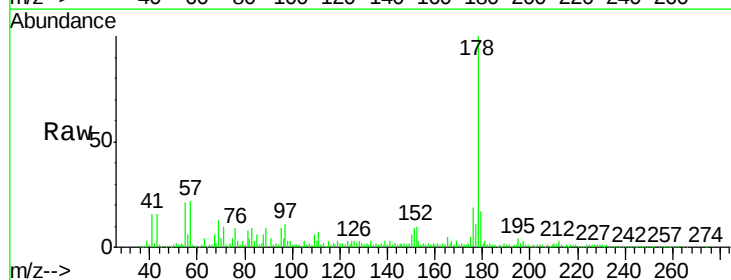
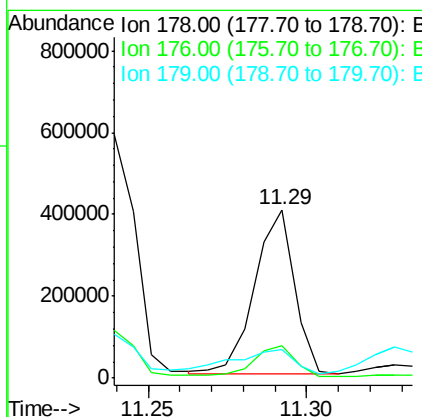
RT: 11.29 min Scan# 1565

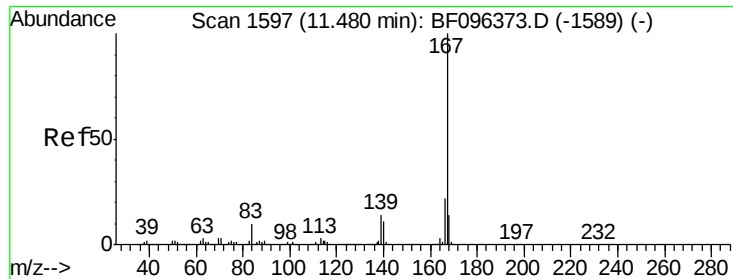
Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	178	Resp:	354376
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	17.0	12.7	19.1





#72

Carbazole

Concen: 38.419 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

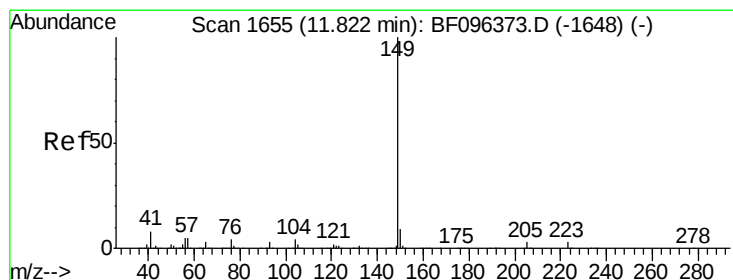
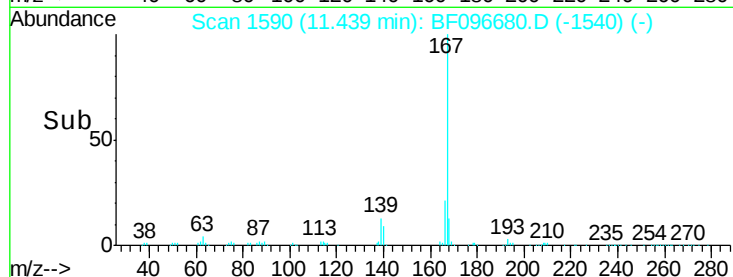
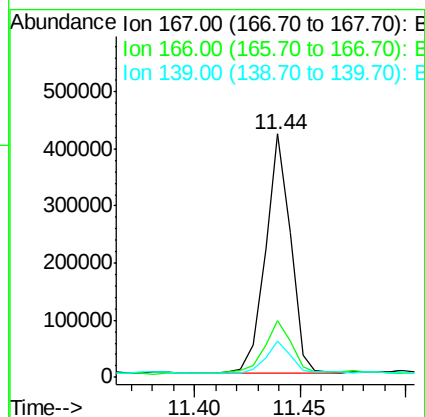
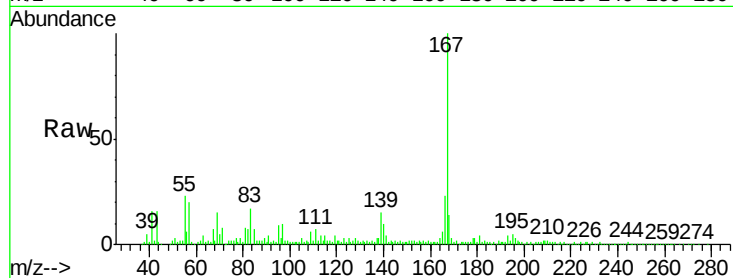
ClientSampleId :

E2-HS2-BASEMS

Tgt	Ion	167	Resp:	347350
Ion	Ratio	Lower	Upper	
167	100			
166	23.4	18.1	27.1	
139	14.9	11.7	17.5	

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#73

Di-n-butylphthalate

Concen: 39.304 ng

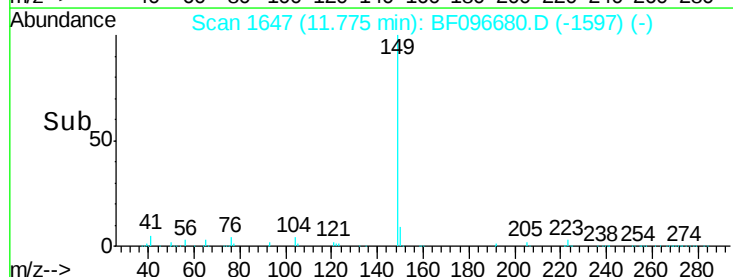
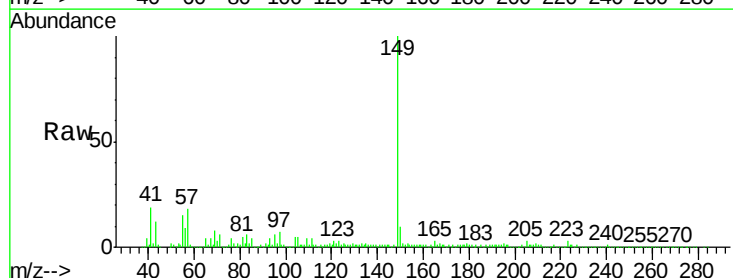
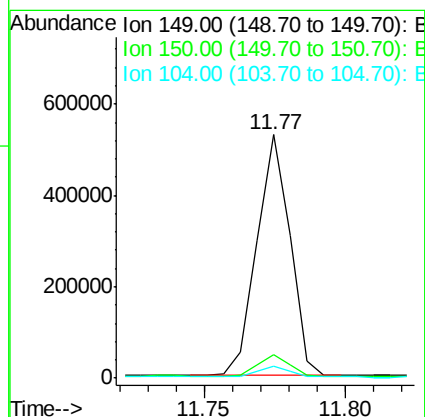
RT: 11.77 min Scan# 1647

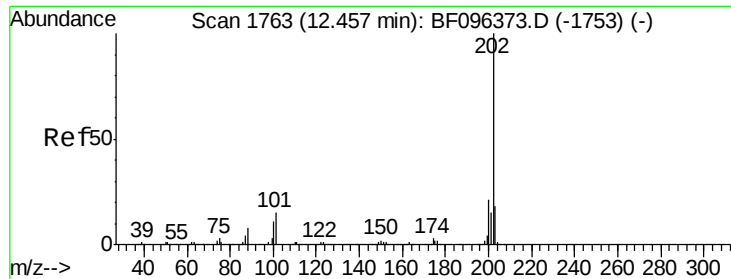
Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt	Ion	149	Resp:	430403
Ion	Ratio	Lower	Upper	
149	100			
150	9.7	7.7	11.5	
104	4.8	4.0	6.0	





#74

Fluoranthene

Concen: 50.176 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

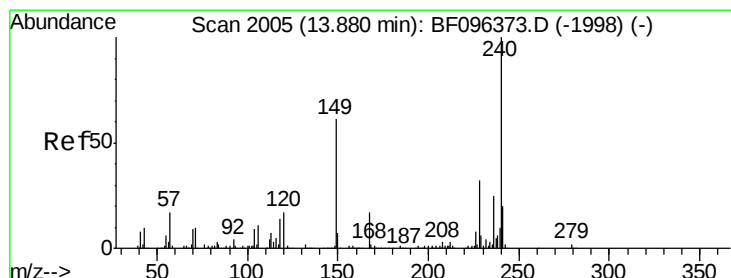
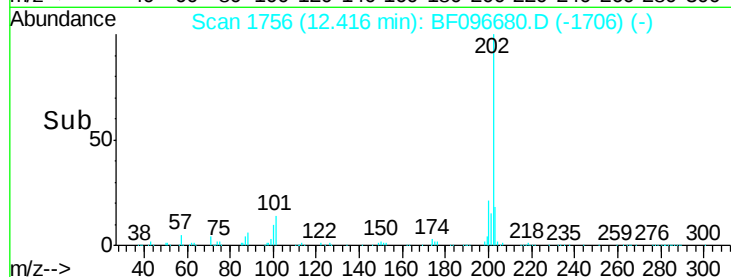
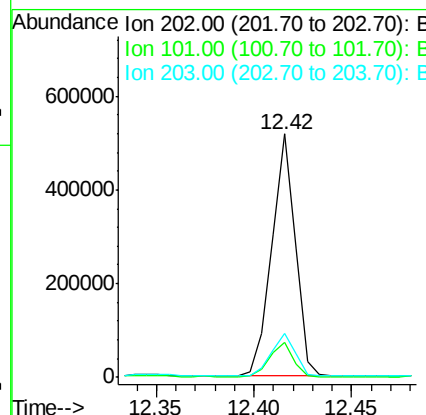
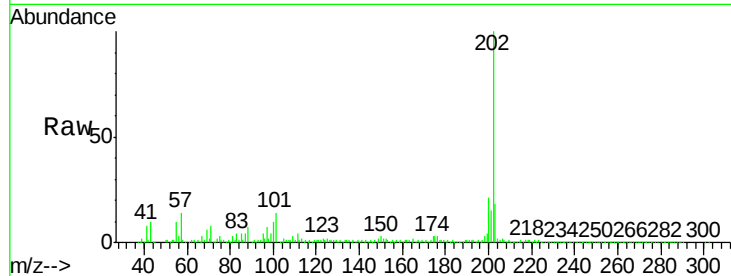
ClientSampleId :

E2-HS2-BASEMS

Tgt	Ion	202	Resp:	434000
	Ion	Ratio	Lower	Upper
	202	100		
	101	14.2	0.0	33.2
	203	18.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

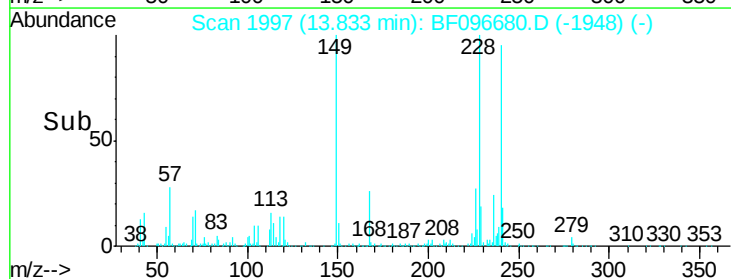
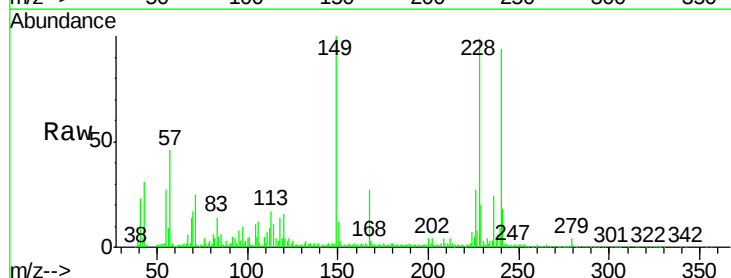
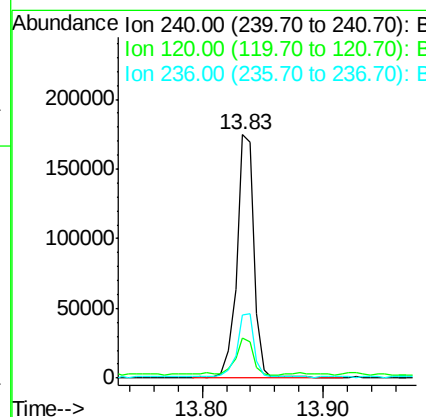
RT: 13.83 min Scan# 1997

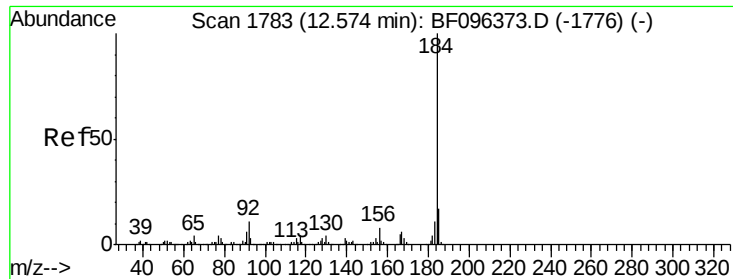
Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt	Ion	240	Resp:	171321
	Ion	Ratio	Lower	Upper
	240	100		
	120	16.6	5.8	8.8#
	236	25.7	20.5	30.7





#76

Benzidine

Concen: 20.889 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

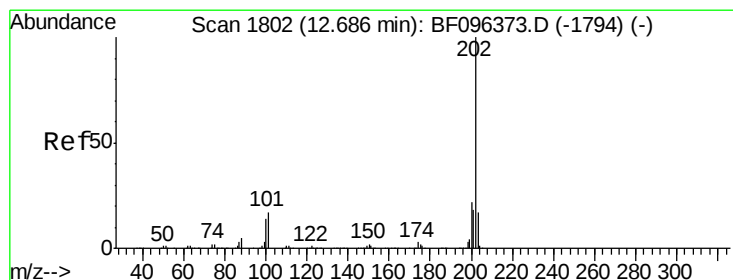
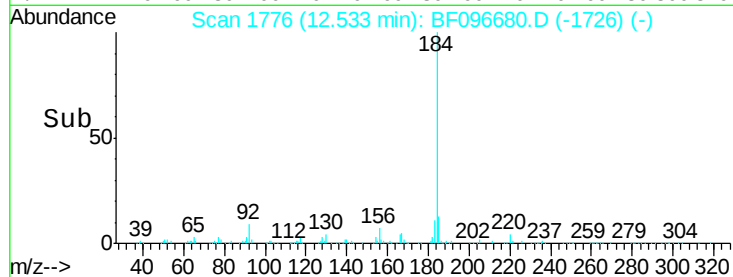
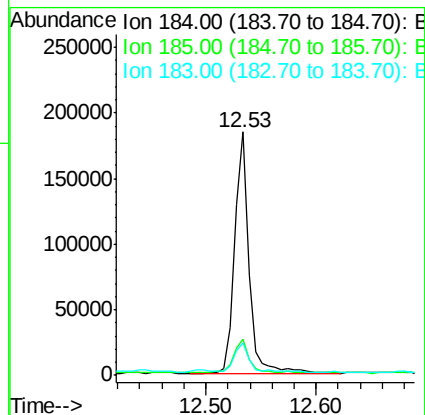
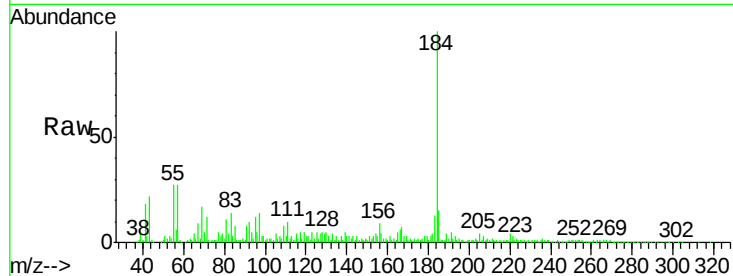
ClientSampleId :

E2-HS2-BASEMS

Tgt Ion:	184	Resp:	171721
Ion Ratio	Lower	Upper	
184	100		
185	14.7	15.5	23.3#
183	13.2	9.8	14.6

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#77

Pyrene

Concen: 31.579 ng

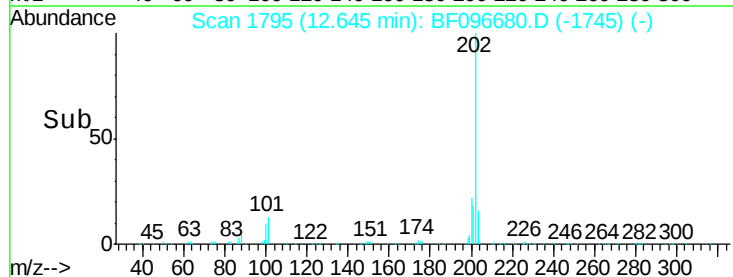
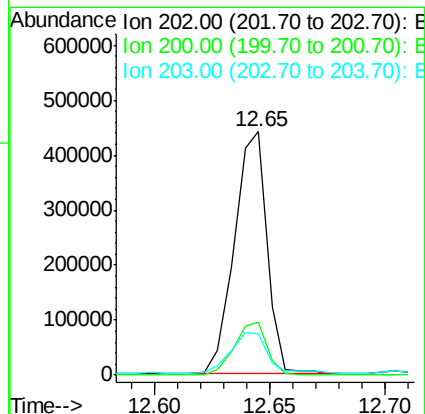
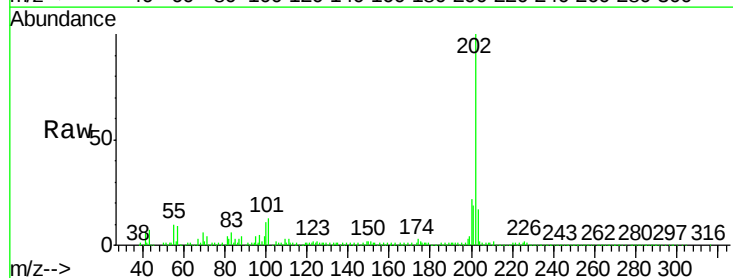
RT: 12.65 min Scan# 1795

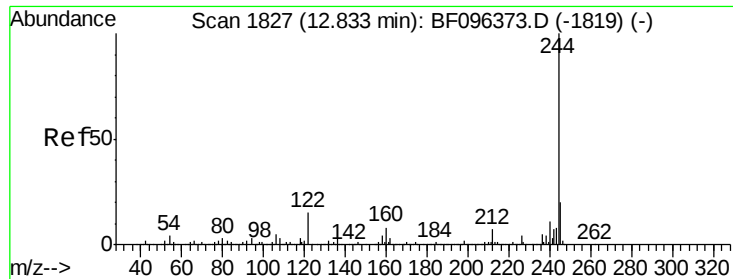
Delta R.T. -0.01 min

Lab File: BF096680.D

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Tgt Ion:	202	Resp:	434251
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	17.1	14.4	21.6





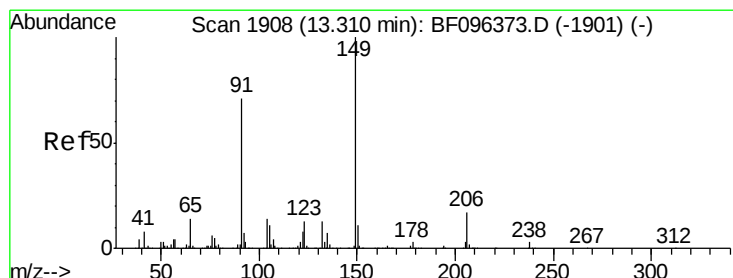
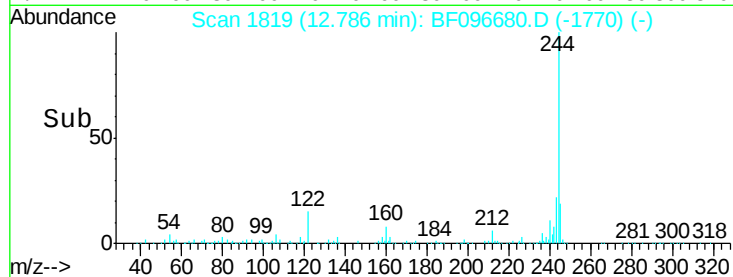
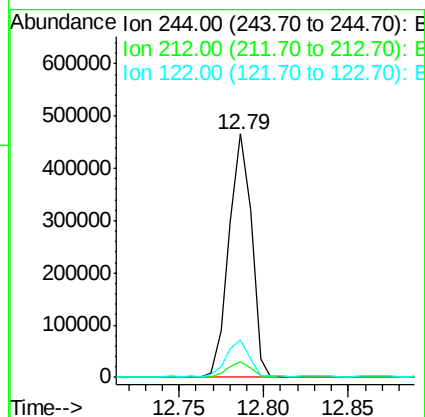
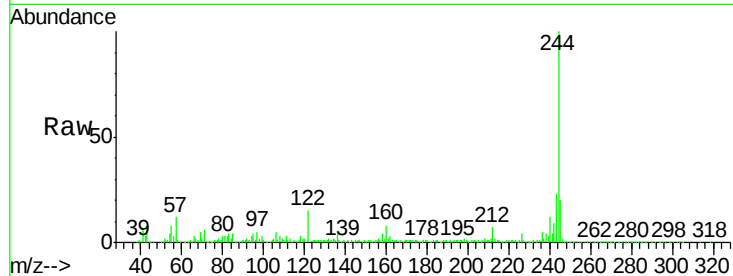
#78
 Terphenyl-d14
 Concen: 53.998 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-BASEMS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	432932		
212	6.6	6.0	9.0	
122	15.3	10.3	15.5	

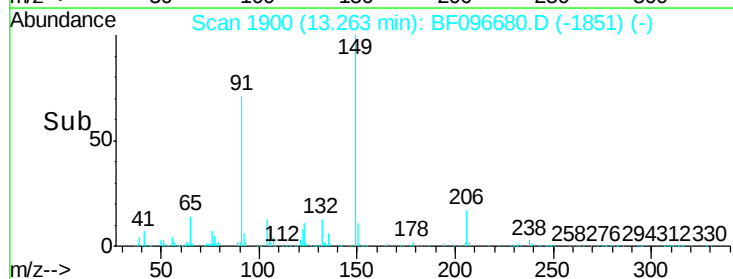
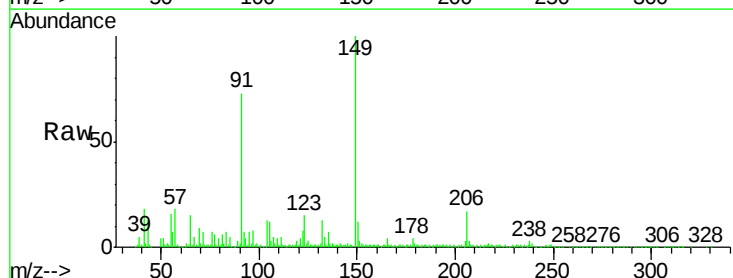
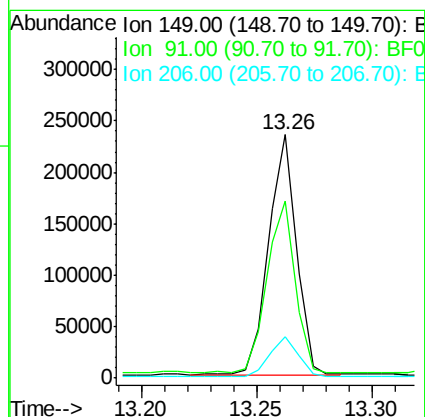
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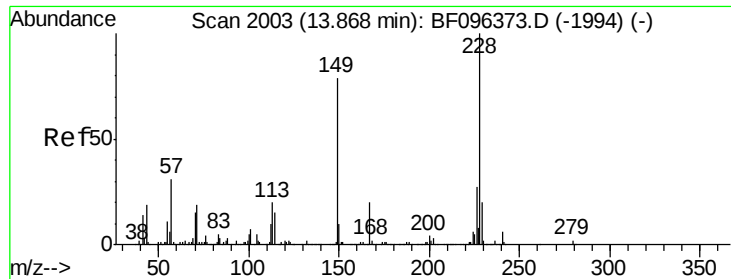
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#79
 Butylbenzylphthalate
 Concen: 27.827 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	193709		
91	72.9	45.0	67.4#	
206	16.8	17.0	25.6#	





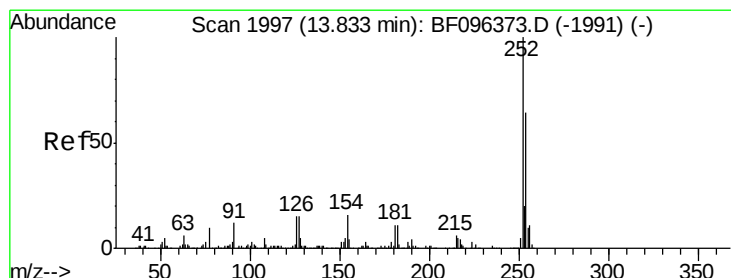
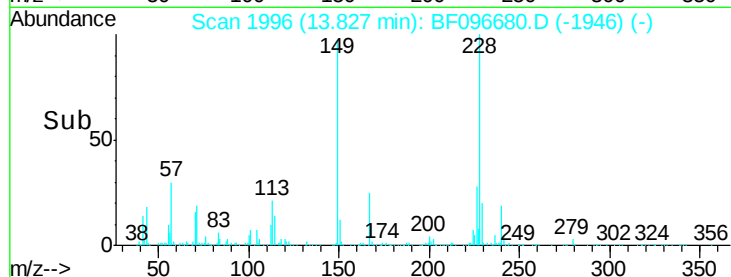
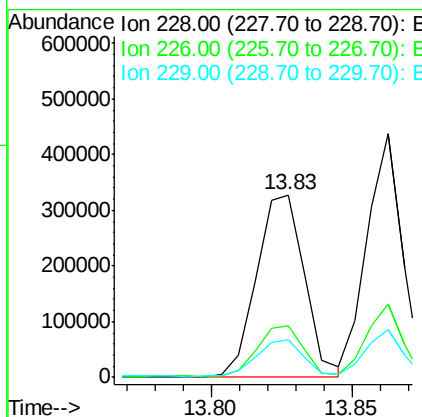
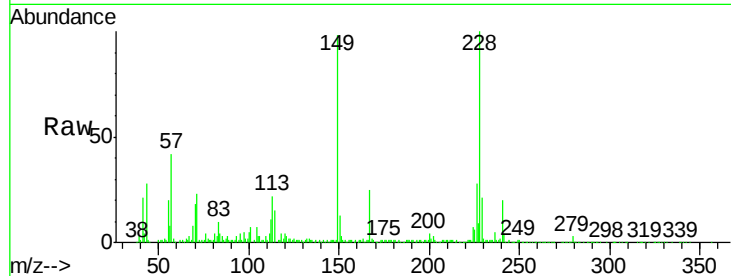
#80
Benzo(a)anthracene
Concen: 38.671 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.6	16.3	24.5

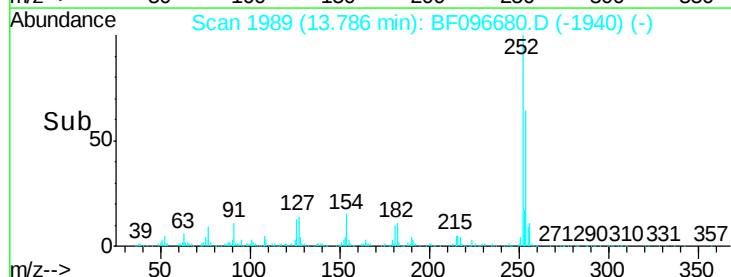
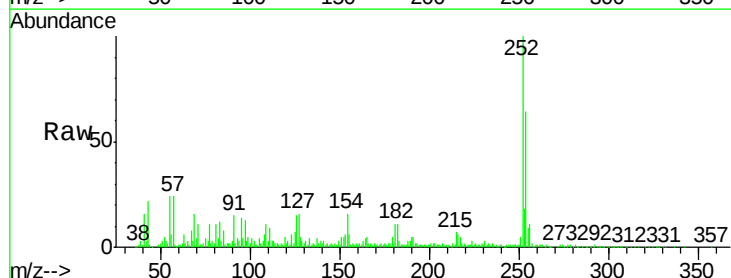
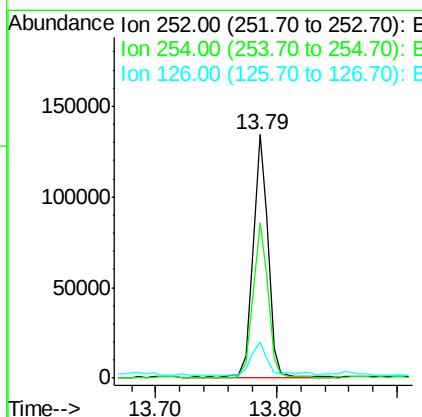
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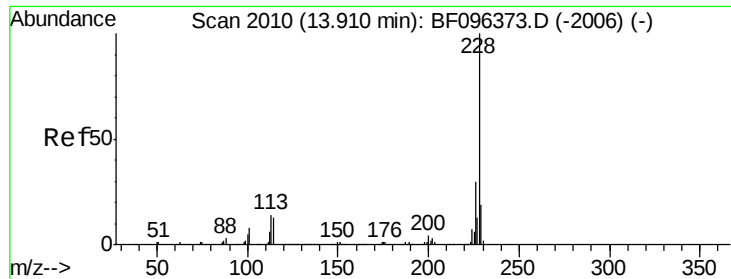
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#81
3,3'-Dichlorobenzidine
Concen: 28.539 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	15.0	15.8	23.8#





#82

Chrysene

Concen: 36.004 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

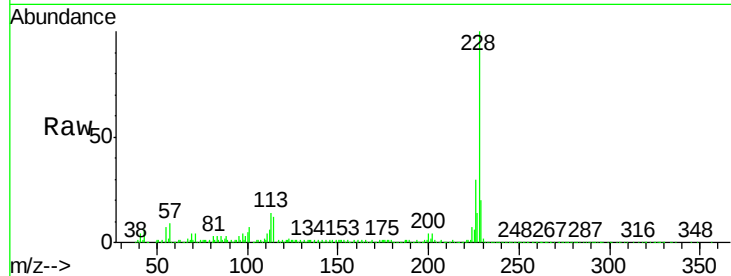
ClientSampleId :

E2-HS2-BASEMS

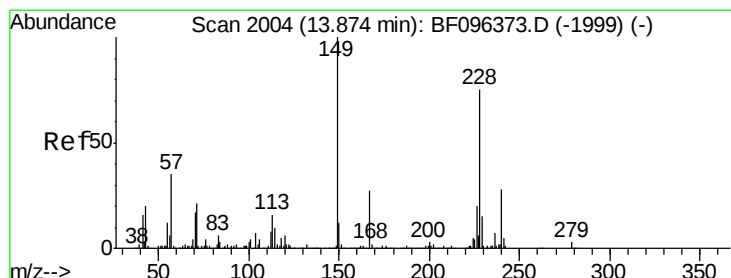
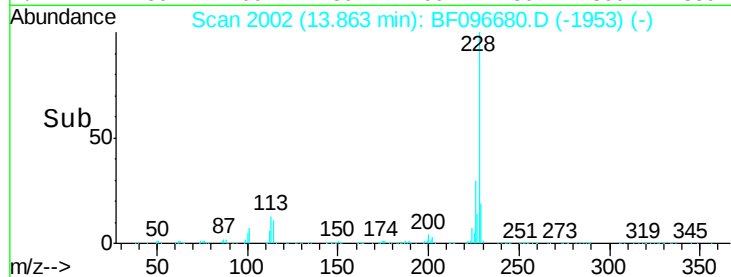
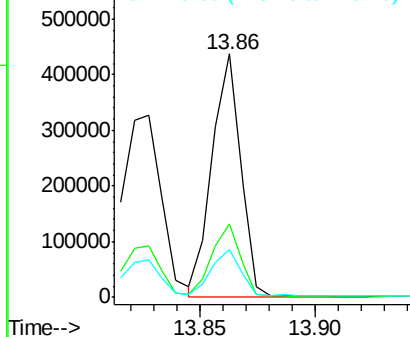
Tgt Ion:	228	Resp:	374050
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	19.7	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.103 ng

RT: 13.83 min Scan# 1996

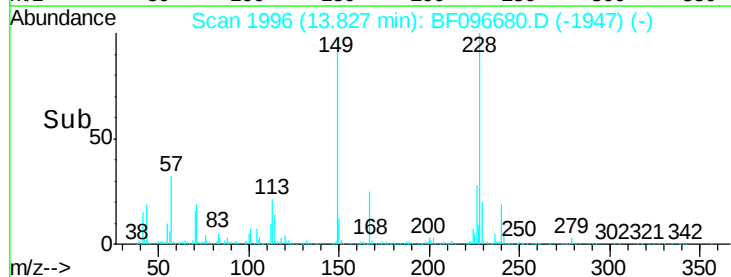
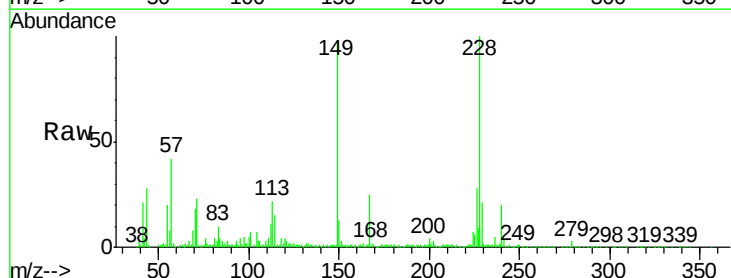
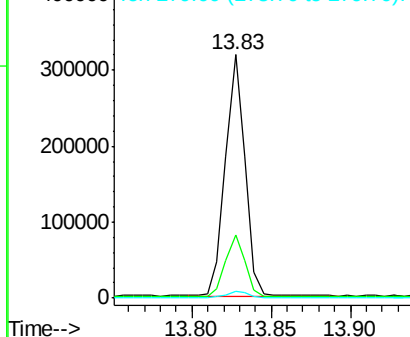
Delta R.T. -0.01 min

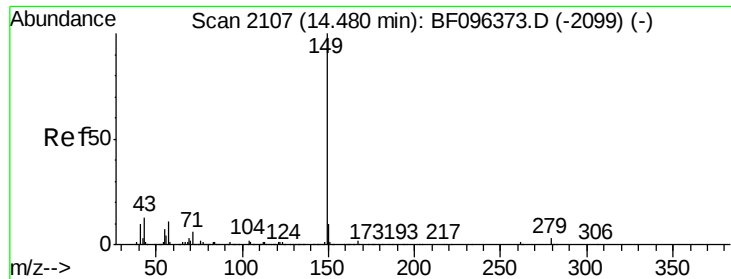
Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	149	Resp:	272760
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	2.8	1.9	2.9

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





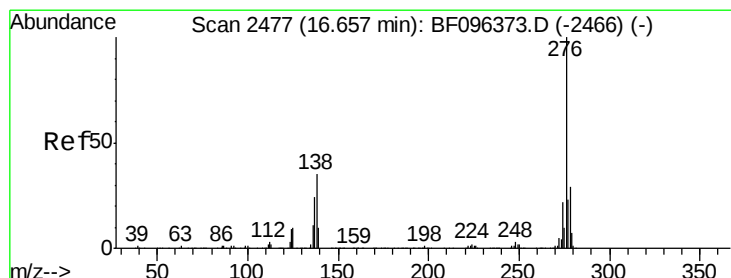
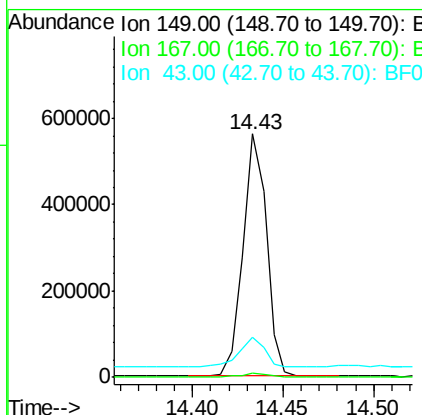
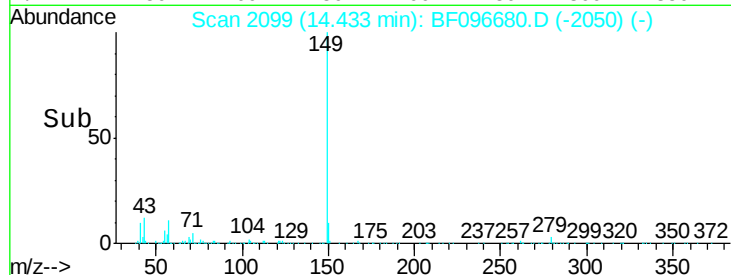
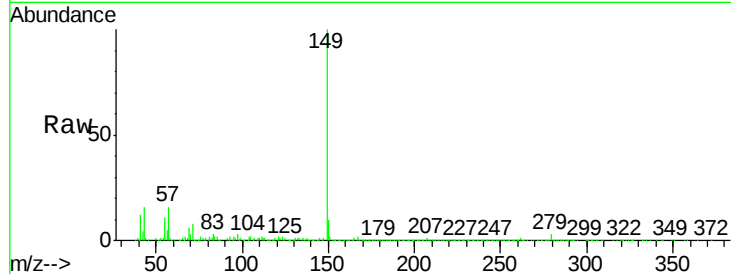
#84
Di-n-octyl phthalate
Concen: 33.247 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BAEMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	13.8	8.5	12.7

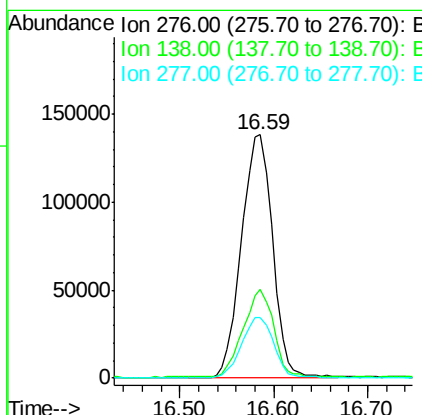
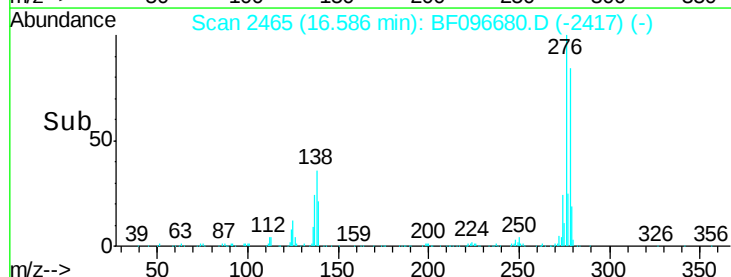
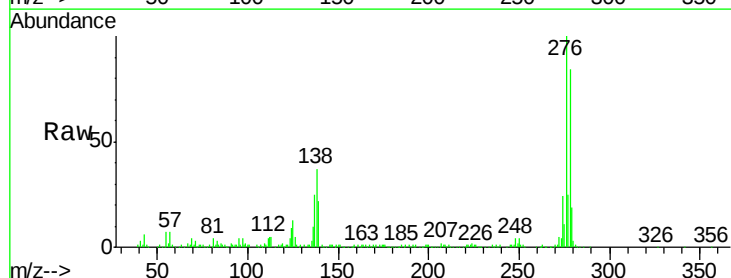
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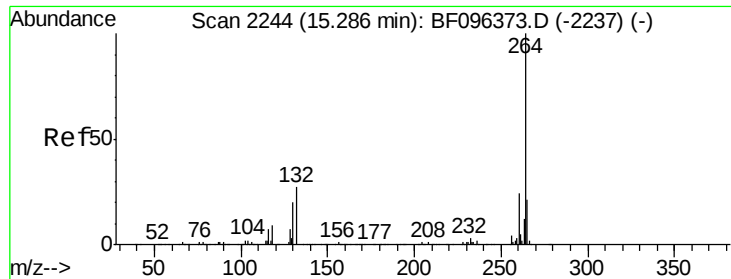
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#85
Indeno(1,2,3-cd)pyrene
Concen: 38.966 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	35.2	27.8	41.6
277	25.8	20.2	30.4





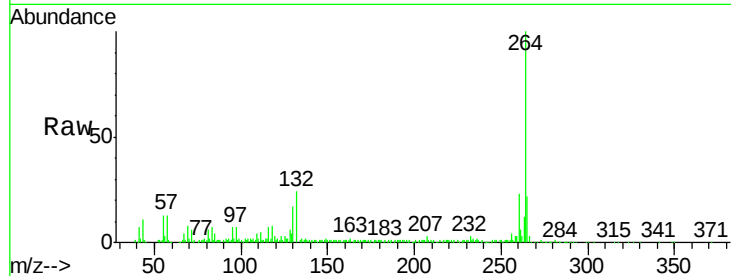
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMS

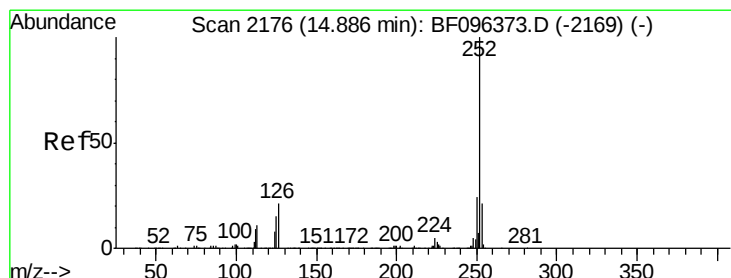
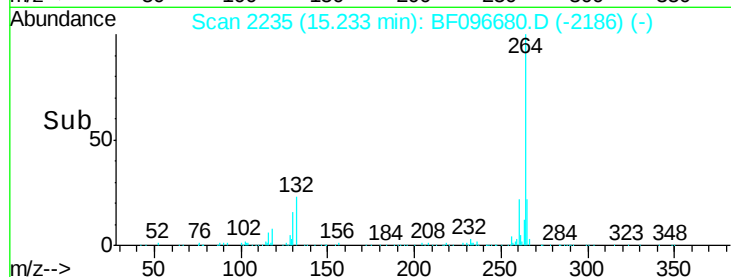
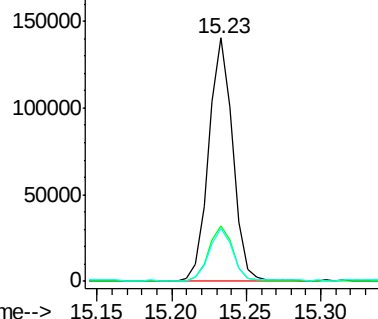
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.9	17.2	25.8

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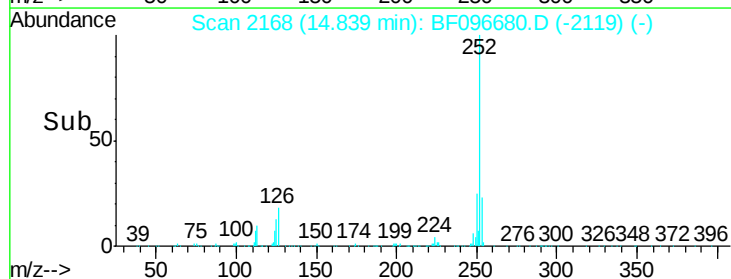
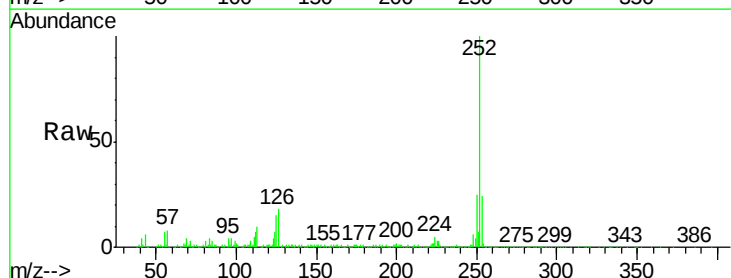
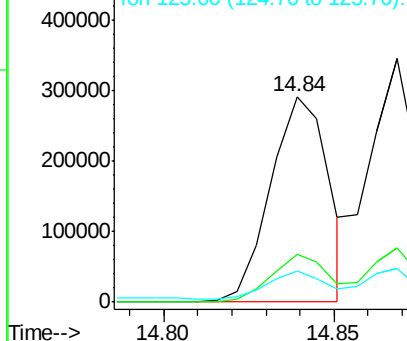
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

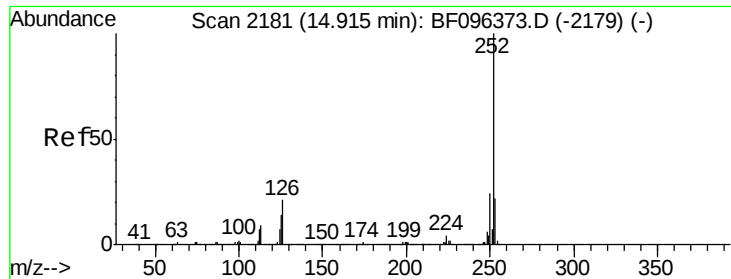


#87
Benzo(b)fluoranthene
Concen: 34.834 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	15.4	9.8	14.8#

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





#88

Benzo(k)fluoranthene

Concen: 38.461 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

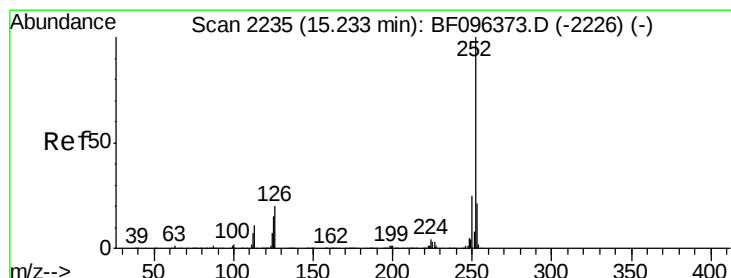
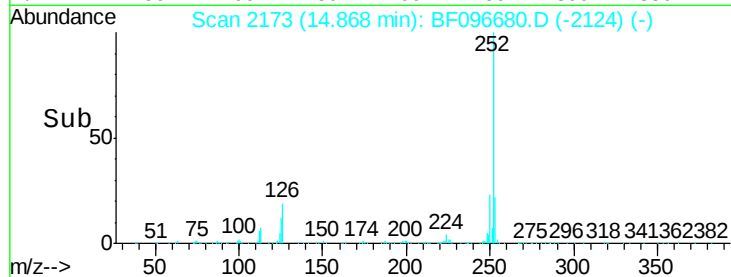
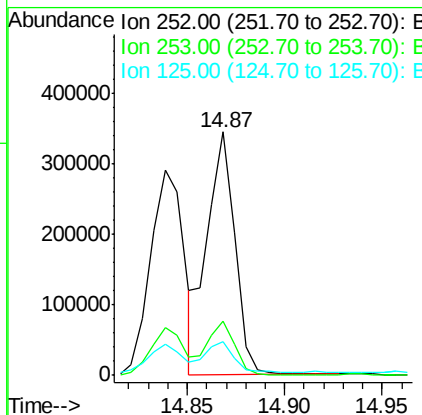
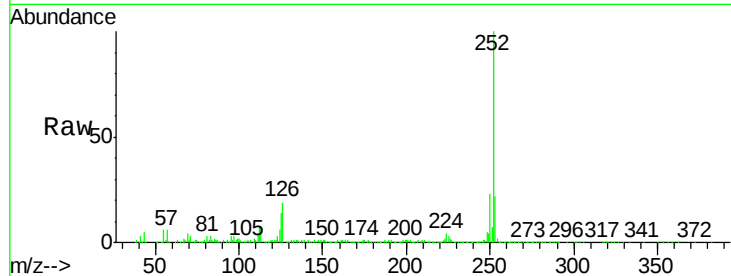
ClientSampleId :

E2-HS2-BASEMS

Tgt	Ion	252	Resp:	340448
	Ion	Ratio	Lower	Upper
	252	100		
	253	22.1	18.4	27.6
	125	13.7	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 37.172 ng

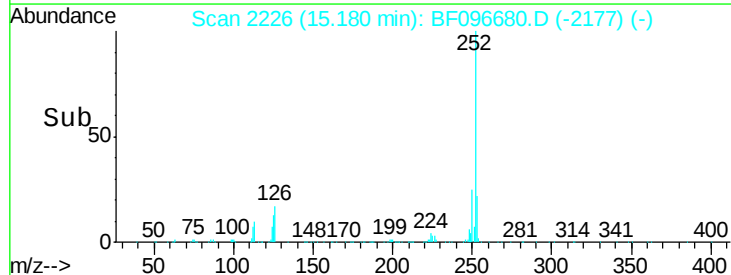
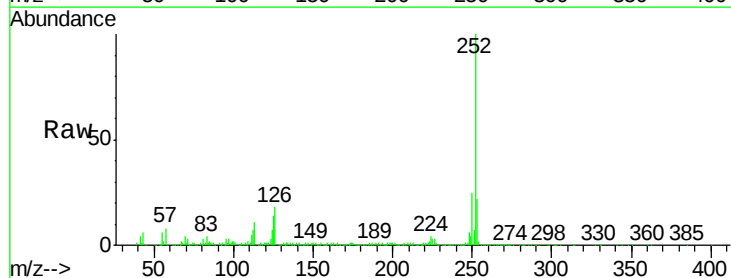
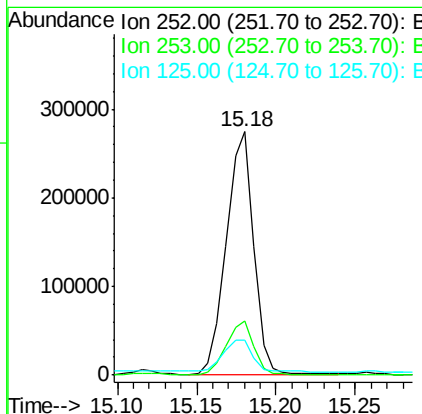
RT: 15.18 min Scan# 2226

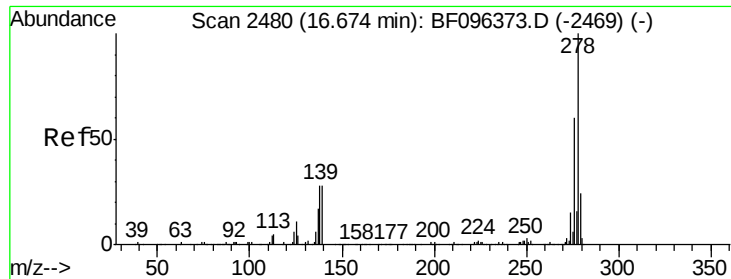
Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt	Ion	252	Resp:	328409
	Ion	Ratio	Lower	Upper
	252	100		
	253	22.2	17.5	26.3
	125	14.2	11.0	16.4





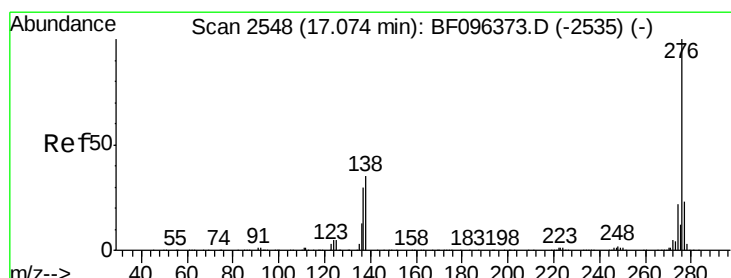
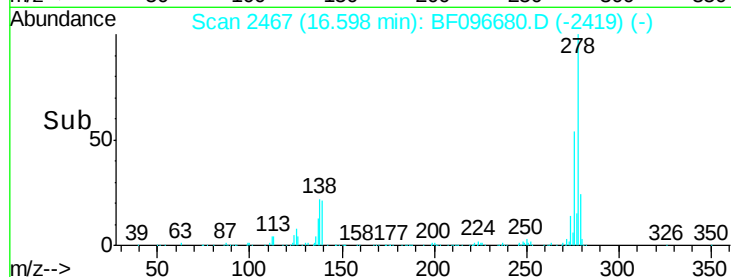
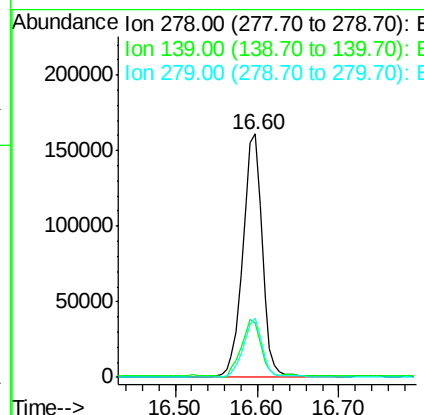
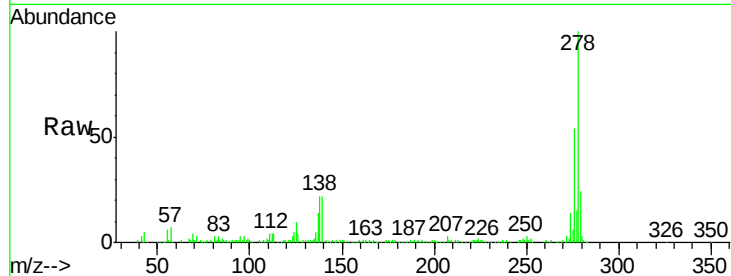
#90
Dibenzo(a,h)anthracene
Concen: 38.843 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BAEMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	24.2	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 36.279 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.6	28.0
138	29.0	25.4	38.0

