

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096060.D
 Acq On : 20 Jun 2017 23:28
 Operator : SJ/MA
 Sample : I3782-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Manual Integrations
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 6/21/2017 2:17:06 PM

Quant Time: Jun 21 02:12:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	74173	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	284566	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	114058	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	180987	20.00	ng	0.00
75) Chrysene-d12	18.27	240	129377	20.00	ng	0.00
86) Perylene-d12	19.94	264	98169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	569257	122.29	ng	0.01
7) Phenol-d6	6.88	99	642705	115.33	ng	0.00
23) Nitrobenzene-d5	8.22	82	372090	81.21	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	102129	101.20	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	587779	71.71	ng	0.00
78) Terphenyl-d14	16.93	244	378122	72.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	72766	32.86	ng	92
3) Pyridine	2.19	79	182283	35.02	ng	96
4) n-Nitrosodimethylamine	2.17	42	75348	38.08	ng	81
6) Aniline	6.79	93	204770	28.09	ng	94
8) 2-Chlorophenol	6.99	128	199671	40.34	ng	95
9) Benzaldehyde	6.59	77	112029	29.80	ng	98
10) Phenol	6.90	94	252868	43.74	ng	86
11) bis(2-Chloroethyl)ether	6.94	93	181396	39.61	ng	97
12) 1,3-Dichlorobenzene	7.19	146	212515	37.93	ng	98
13) 1,4-Dichlorobenzene	7.32	146	215549	37.94	ng	97
14) 1,2-Dichlorobenzene	7.55	146	205649	39.27	ng	95
15) Benzyl Alcohol	7.60	79	151652	39.65	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.79	45	253255	39.36	ng	98
17) 2-Methylphenol	7.85	107	159629	38.43	ng	94
18) Hexachloroethane	8.06	117	53998	28.78	ng	# 83
19) n-Nitroso-di-n-propylamine	8.03	70	136624	38.69	ng	94
20) 3+4-Methylphenols	8.12	107	213984	40.59	ng	# 59
22) Acetophenone	7.99	105	273571	41.07	ng	# 83
24) Nitrobenzene	8.25	77	185797	37.96	ng	92
25) Isophorone	8.65	82	333448	38.97	ng	96
26) 2-Nitrophenol	8.76	139	91835	35.83	ng	98
27) 2,4-Dimethylphenol	8.92	122	165938	41.72	ng	98
28) bis(2-Chloroethoxy)methane	9.03	93	226483	40.16	ng	98
29) 2,4-Dichlorophenol	9.20	162	153850	40.16	ng	98
30) 1,2,4-Trichlorobenzene	9.26	180	154930	38.87	ng	99
31) Naphthalene	9.36	128	563834	39.48	ng	99
32) Benzoic acid	9.28	122	60001	26.68	ng	95
33) 4-Chloroaniline	9.52	127	120549	21.60	ng	# 90
34) Hexachlorobutadiene	9.58	225	81663	39.65	ng	99
35) Caprolactam	10.15	113	44328m	38.89	ng	
36) 4-Chloro-3-methylphenol	10.41	107	150338	37.49	ng	93
37) 2-Methylnaphthalene	10.49	142	367668	38.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	138597	40.60	ng	98
40) Hexachlorocyclopentadiene	10.73	237	1336	12.32	ng	87

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Manual Integrations
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Quant Time: Jun 21 02:12:59 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	93471	42.59	ng	99
43) 2,4,5-Trichlorophenol	11.10	196	91140	39.04	ng	95
45) 1,1'-Biphenyl	11.26	154	388895	41.37	ng	98
46) 2-Chloronaphthalene	11.27	162	290162	39.50	ng	95
47) 2-Nitroaniline	11.50	65	86952	40.45	ng	# 78
48) Acenaphthylene	11.92	152	497015	39.57	ng	98
49) Dimethylphthalate	11.82	163	469499	54.21	ng	99
50) 2,6-Dinitrotoluene	11.91	165	62133	32.89	ng	# 67
51) Acenaphthene	12.20	154	269597	37.17	ng	99
52) 3-Nitroaniline	12.17	138	73983	33.62	ng	91
53) 2,4-Dinitrophenol	12.44	184	7081	12.56	ng	# 73
54) Dibenzofuran	12.49	168	413836	40.54	ng	97
55) 4-Nitrophenol	12.62	139	82133	64.85	ng	# 78
56) 2,4-Dinitrotoluene	12.59	165	81057	31.77	ng	92
57) Fluorene	13.04	166	328197	36.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.75	232	63328	39.65	ng	93
59) Diethylphthalate	12.96	149	331563	39.78	ng	98
60) 4-Chlorophenyl-phenylether	13.07	204	142838	36.97	ng	89
61) 4-Nitroaniline	13.18	138	77997	37.96	ng	95
62) Azobenzene	13.33	77	278061	36.81	ng	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	8326	7.00	ng	# 1
65) n-Nitrosodiphenylamine	13.28	169	268630	41.31	ng	99
66) 4-Bromophenyl-phenylether	13.85	248	77627	41.27	ng	97
67) Hexachlorobenzene	13.94	284	73279	39.54	ng	# 88
68) Atrazine	14.21	200	68665	37.94	ng	97
69) Pentachlorophenol	14.31	266	46134	66.83	ng	95
70) Phenanthrene	14.58	178	652168	62.45	ng	98
71) Anthracene	14.67	178	475140	43.58	ng	98
72) Carbazole	14.97	167	400852	37.73	ng	98
73) Di-n-butylphthalate	15.56	149	493907	43.70	ng	98
74) Fluoranthene	16.37	202	736426	71.25	ng	99
76) Benzidine	16.60	184	202625	40.78	ng	# 92
77) Pyrene	16.67	202	732983	75.93	ng	98
79) Butylbenzylphthalate	17.60	149	197092	46.75	ng	89
80) Benzo(a)anthracene	18.26	228	437117	58.11	ng	99
81) 3,3'-Dichlorobenzidine	18.25	252	99477	37.20	ng	# 96
82) Chrysene	18.31	228	405307	53.92	ng	98
83) Bis(2-ethylhexyl)phthalate	18.35	149	287277	48.31	ng	# 99
84) Di-n-octyl phthalate	19.12	149	438302	44.73	ng	97
85) Indeno(1,2,3-cd)pyrene	21.11	276	261293	40.63	ng	99
87) Benzo(b)fluoranthene	19.54	252	367867	59.84	ng	98
88) Benzo(k)fluoranthene	19.57	252	272248	46.34	ng	96
89) Benzo(a)pyrene	19.89	252	303437	53.71	ng	97
90) Dibenzo(a,h)anthracene	21.10	278	189901	39.62	ng	96
91) Benzo(g,h,i)perylene	21.43	276	225530	46.16	ng	96

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

```

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Misc      :
ALS Vial  : 19      Sample Multiplier: 1

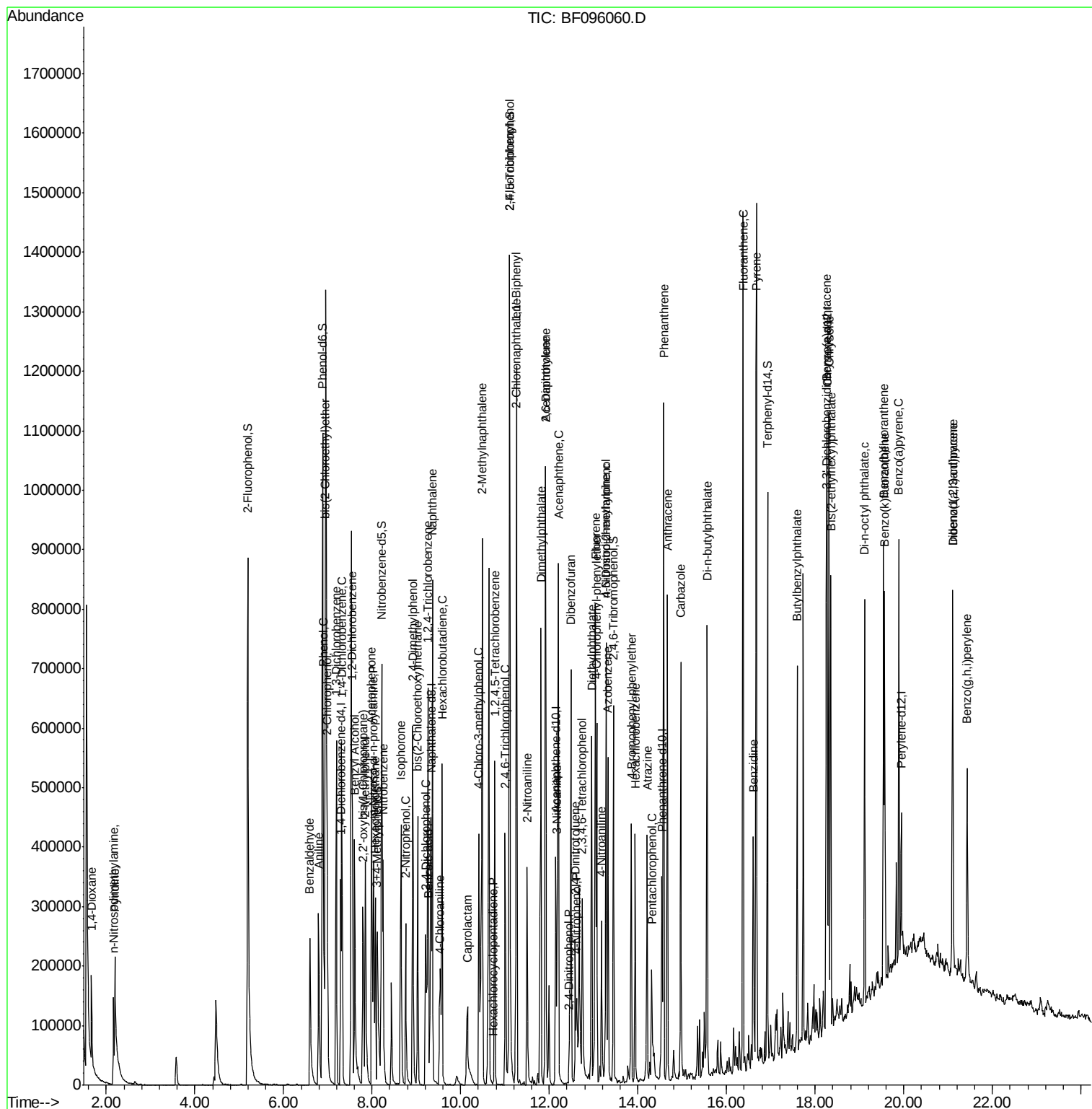
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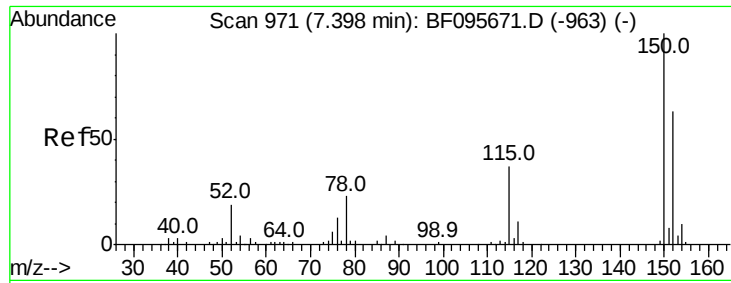
Instrument :
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#1

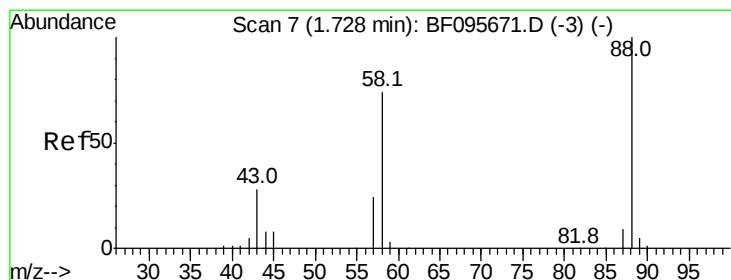
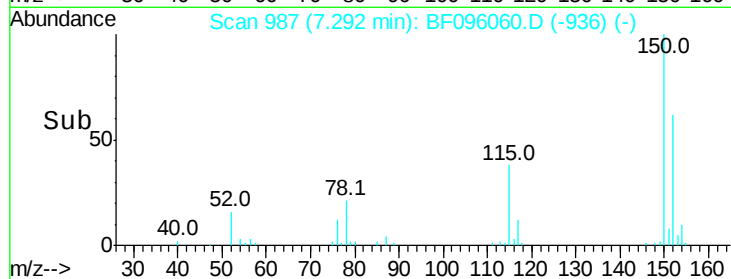
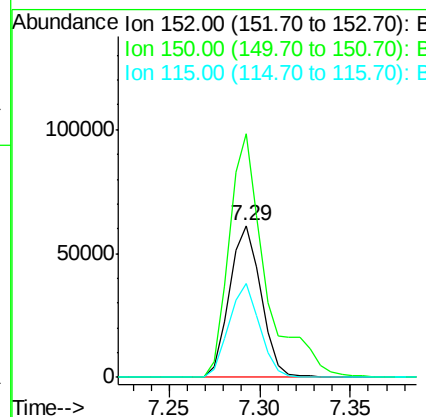
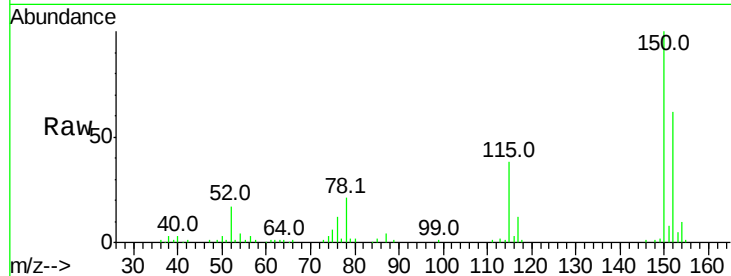
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	61.7	52.2	78.2

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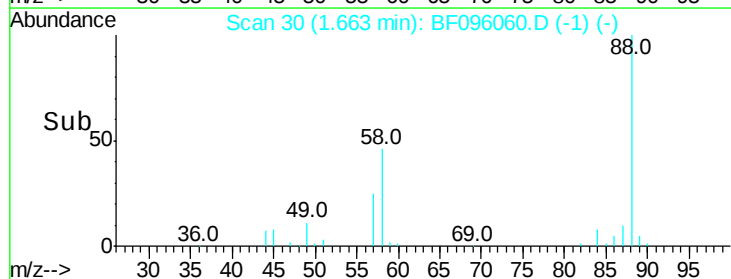
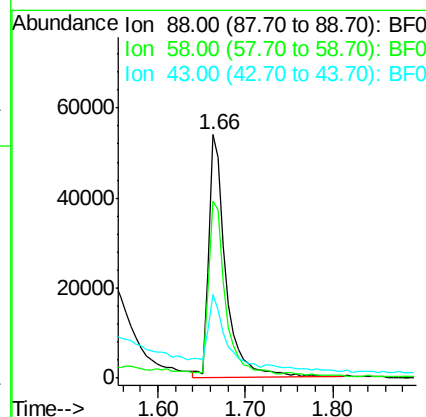
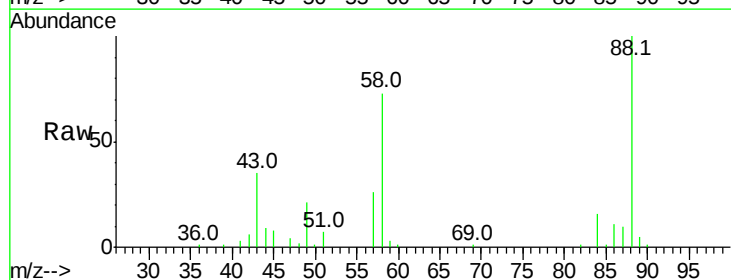
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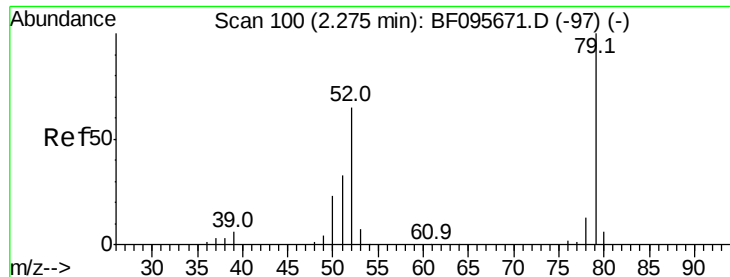


#2

1,4-Dioxane
Concen: 32.86 ng
RT: 1.66 min Scan# 30
Delta R.T. 0.05 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	61.4	92.0
43	29.4	23.4	35.0





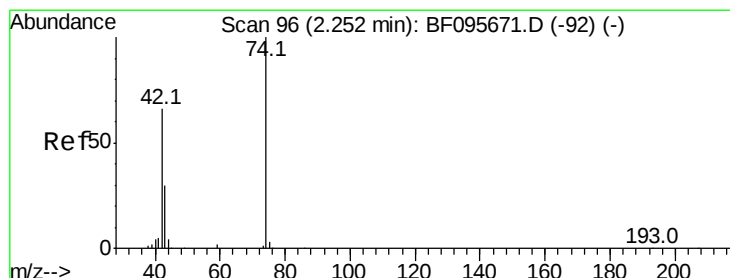
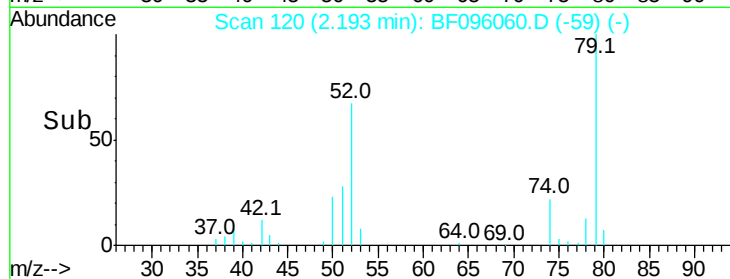
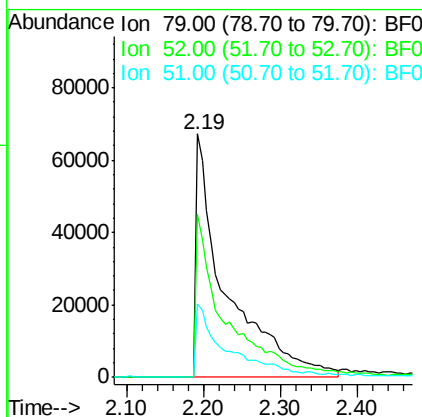
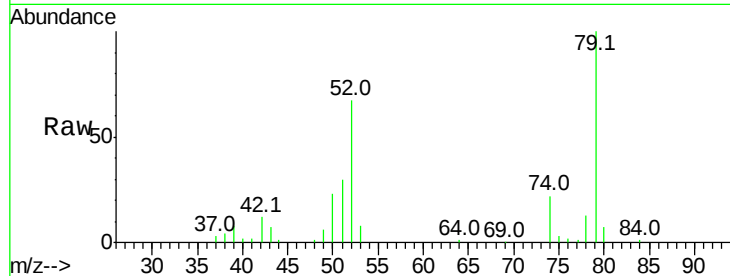
#3
 Pvridine
 Concen: 35.02 ng
 RT: 2.19 min Scan# 120
 Delta R.T. 0.06 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion: 79 Resp: 182283
 Ion Ratio Lower Upper
 79 100
 52 66.7 54.8 82.2
 51 30.0 27.0 40.4

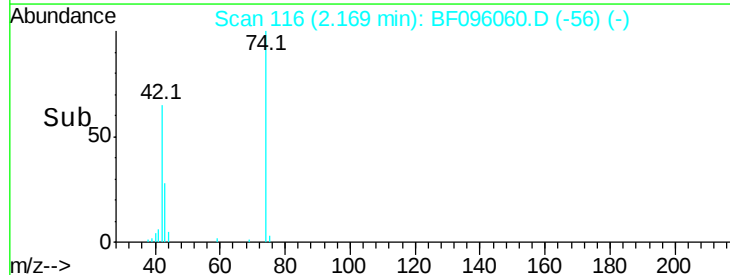
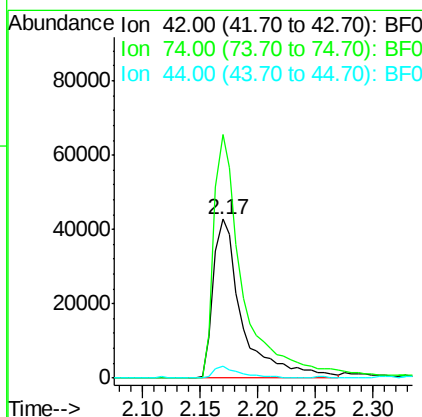
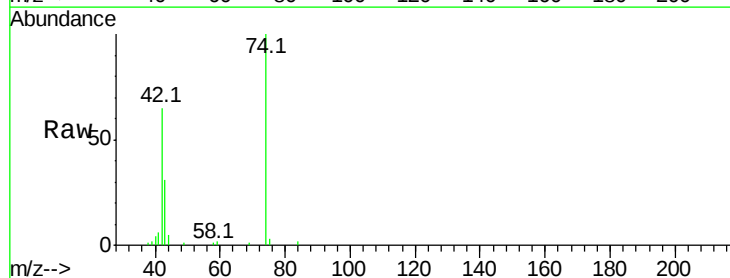
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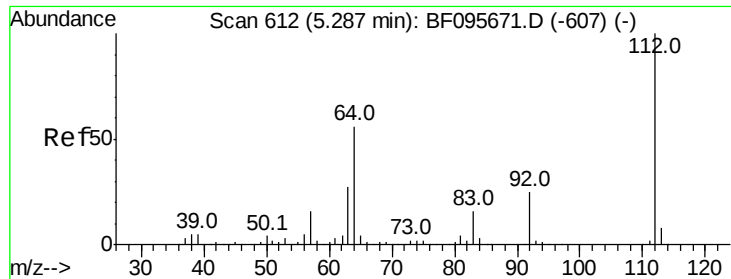
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#4
 n-Nitrosodimethylamine
 Concen: 38.08 ng
 RT: 2.17 min Scan# 116
 Delta R.T. 0.05 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion: 42 Resp: 75348
 Ion Ratio Lower Upper
 42 100
 74 153.0 103.9 155.9
 44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 122.29 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

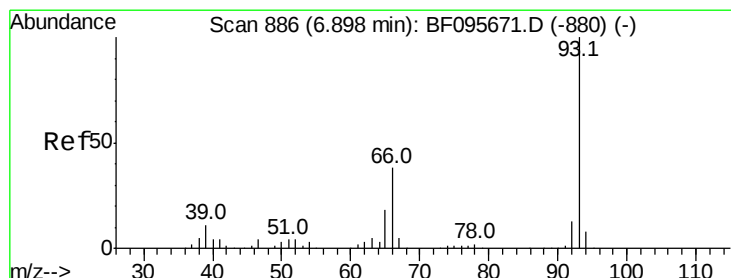
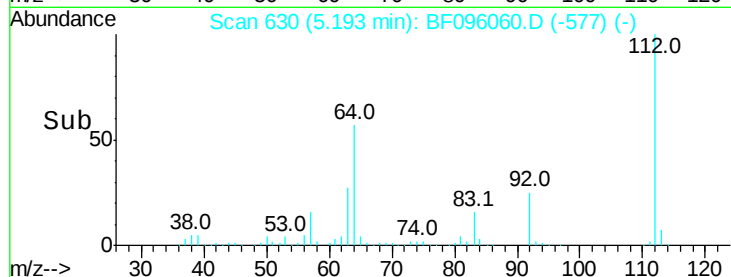
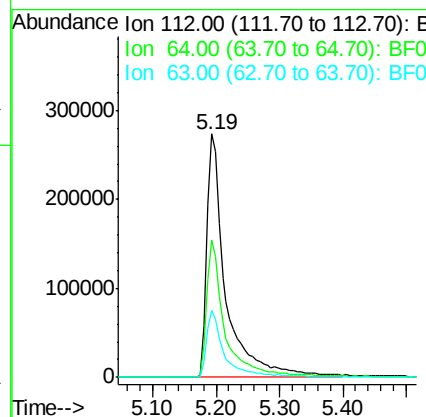
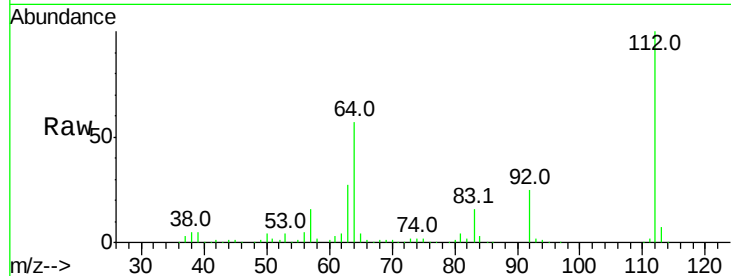
ClientSampleId :

TK4-1-20170619MS

Tot Ion:	112	Resp:	569257
Ion Ratio	Lower	Upper	
112	100		
64	56.5	46.0	69.0
63	27.3	23.4	35.0

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#6

Aniline

Concen: 28.09 ng

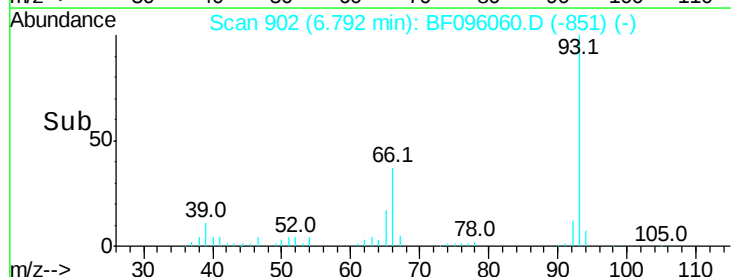
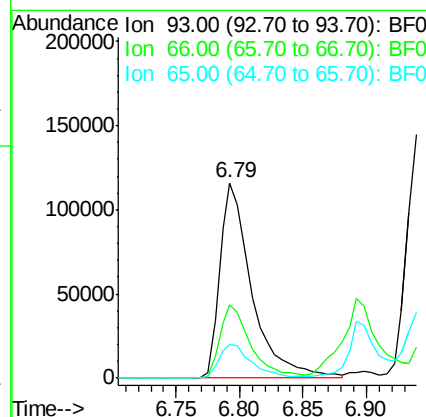
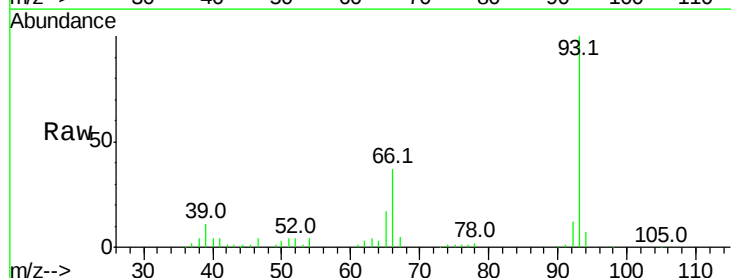
RT: 6.79 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	93	Resp:	204770
Ion Ratio	Lower	Upper	
93	100		
66	37.2	32.9	49.3
65	17.0	16.0	24.0





#7

Phenol-d6

Concen: 115.33 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

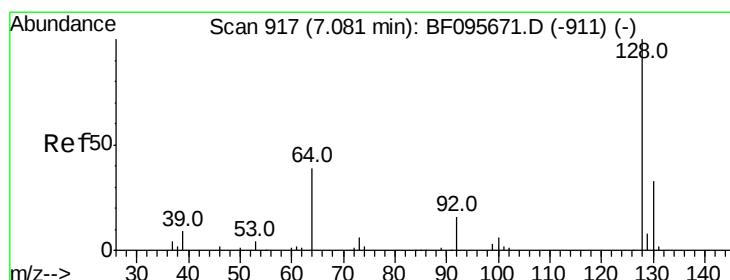
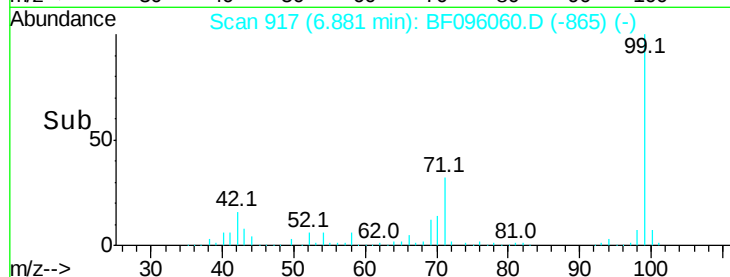
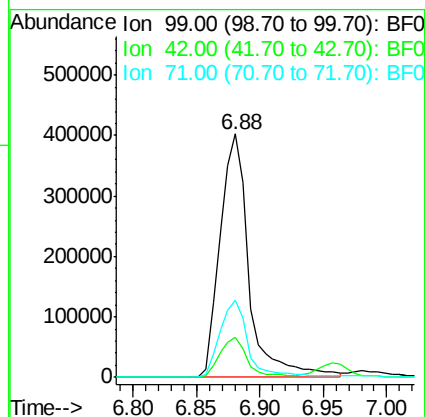
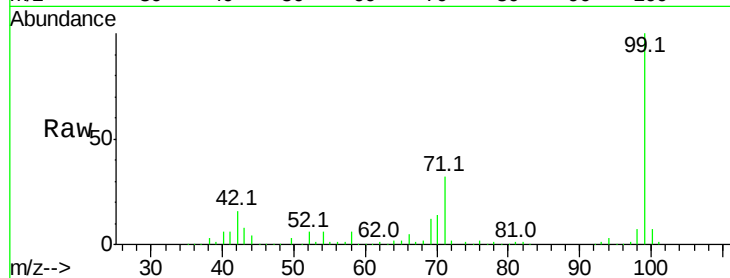
ClientSampleId :

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Tot Ion:	99	Resp:	642705
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	31.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.34 ng

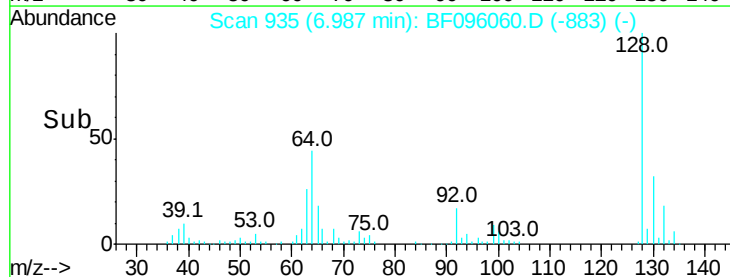
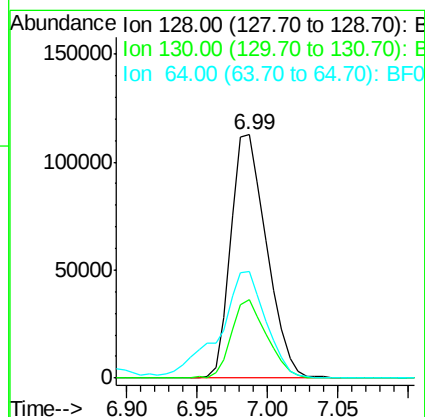
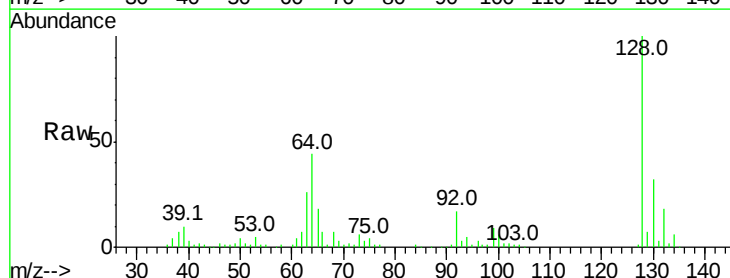
RT: 6.99 min Scan# 935

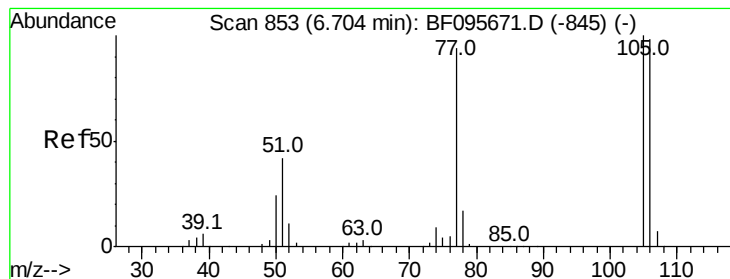
Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	128	Resp:	199671
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	43.6	28.4	68.4





#9

Benzaldehyde

Concen: 29.80 ng

RT: 6.59 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

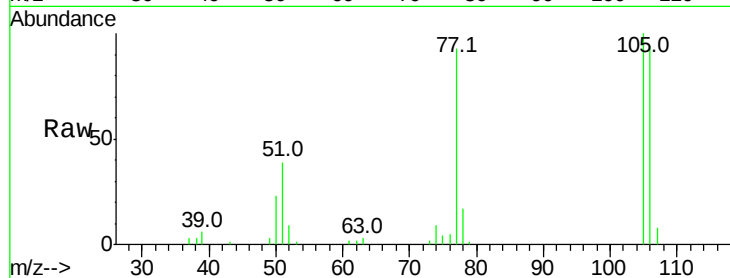
ClientSampleID :

TK4-1-20170619MS

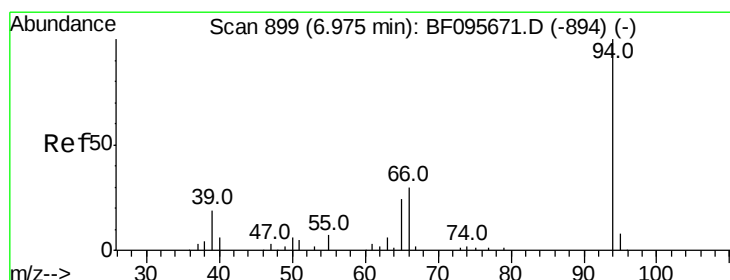
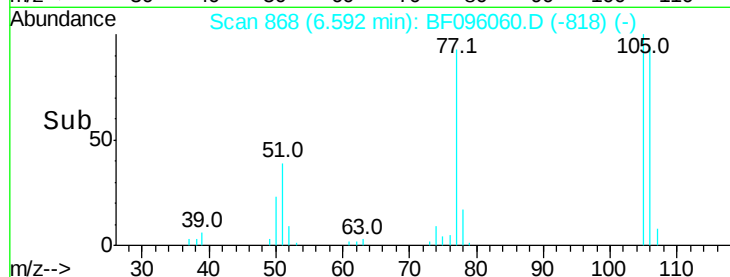
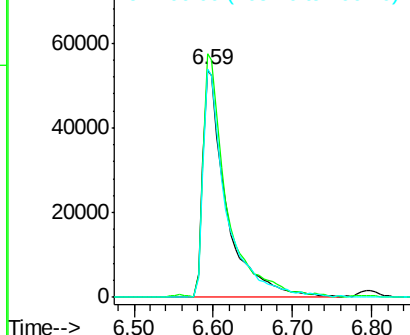
Tot Ion:	77	Resp:	112029
Ion	Ratio	Lower	Upper
77	100		
105	107.1	83.8	123.8
106	100.5	79.1	119.1

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



#10

Phenol

Concen: 43.74 ng

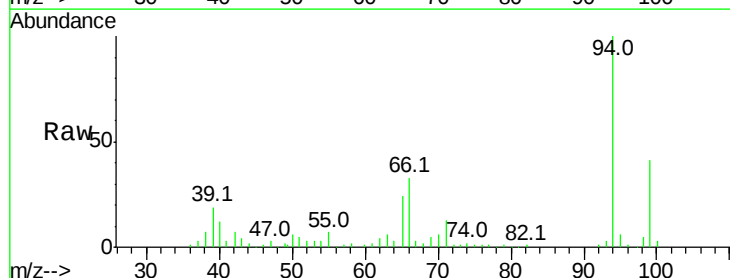
RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

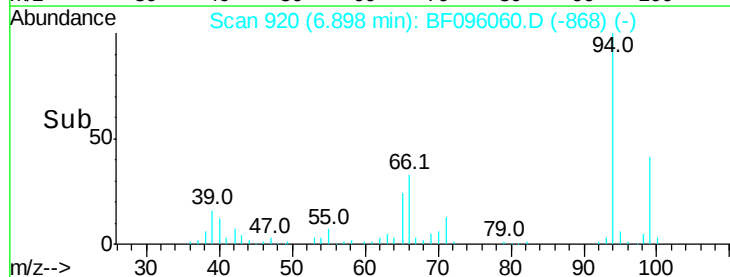
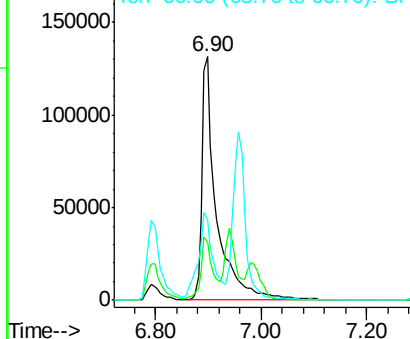
Lab File: BF096060.D

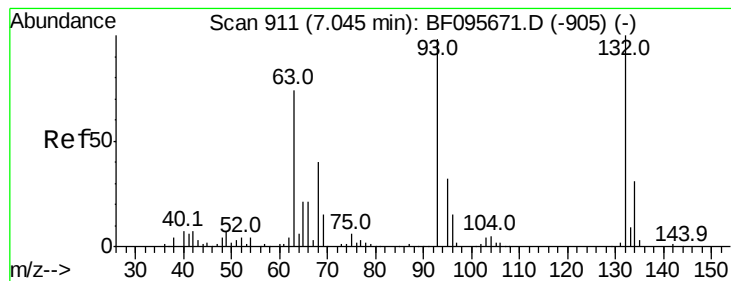
Acq: 20 Jun 2017 23:28

Tgt Ion:	94	Resp:	252868
Ion	Ratio	Lower	Upper
94	100		
65	23.6	9.9	49.9
66	32.6	23.1	63.1



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





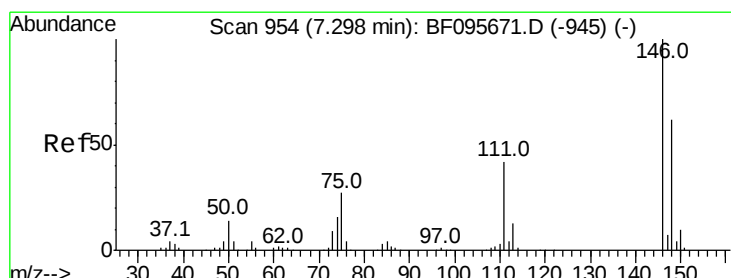
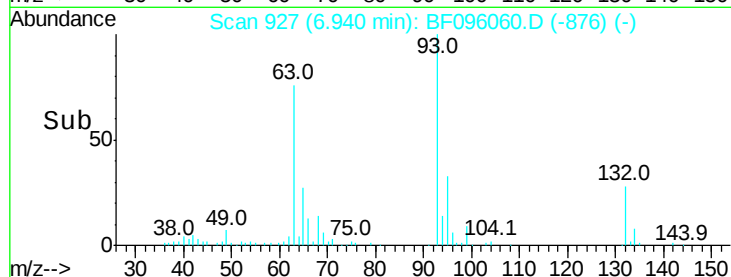
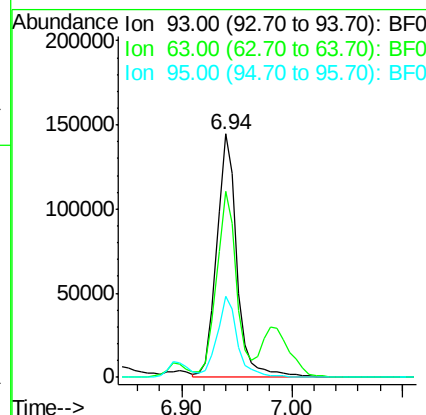
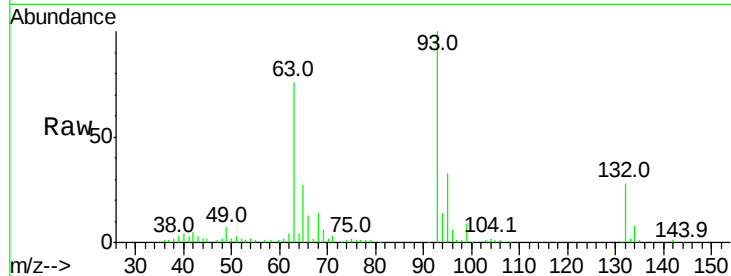
#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	181396		
63	76.4	59.2	99.2	
95	33.4	12.8	52.8	

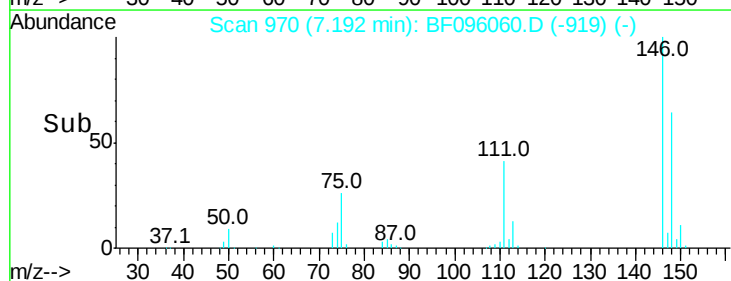
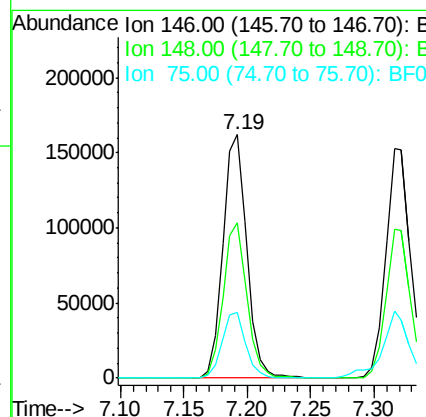
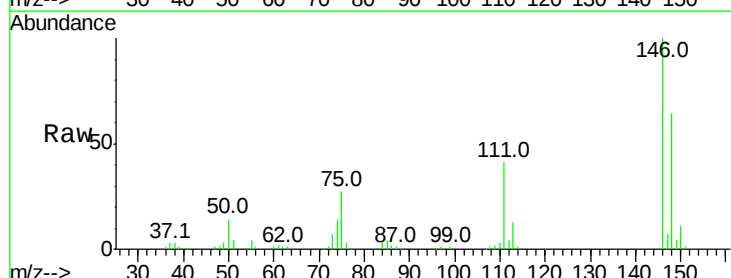
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 37.93 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212515		
148	63.6	51.8	77.6	
75	26.9	23.1	34.7	





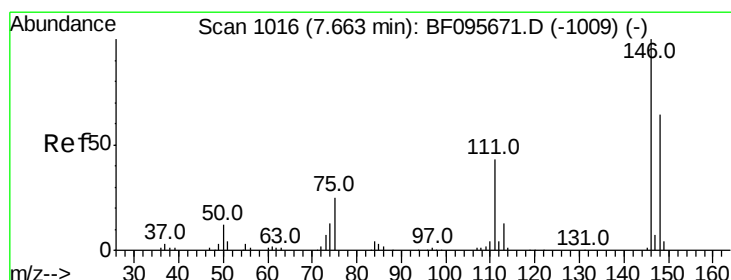
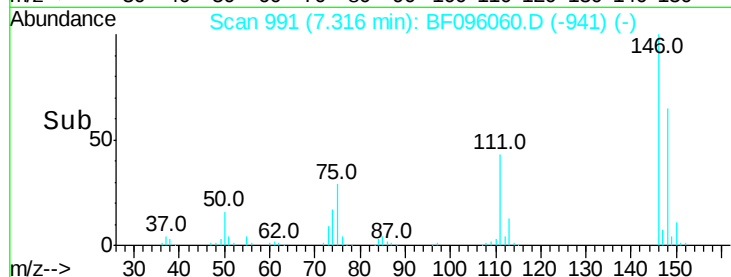
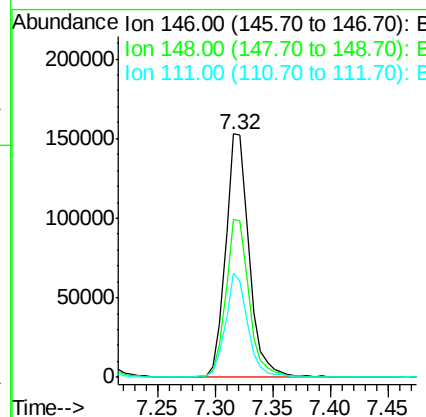
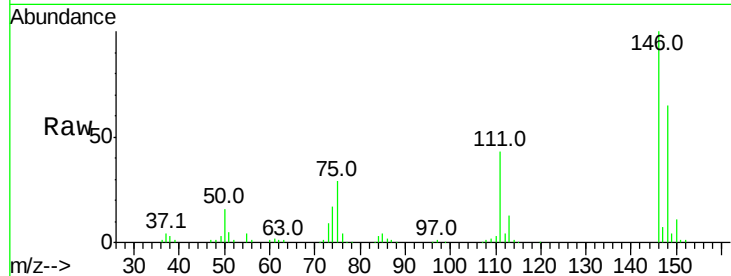
#13
 1,4-Dichlorobenzene
 Concen: 37.94 ng
 RT: 7.32 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	42.5	30.3	45.5

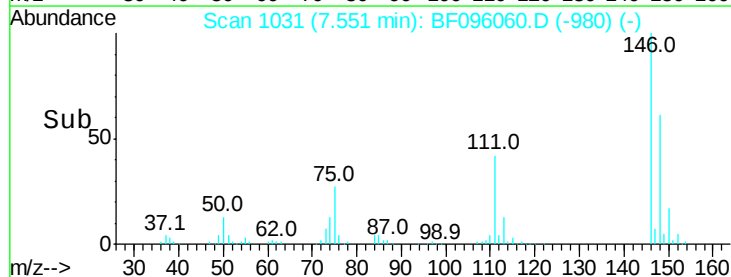
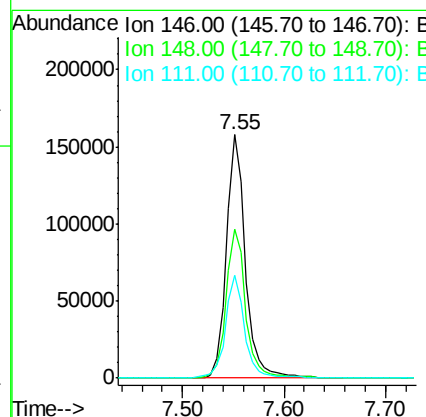
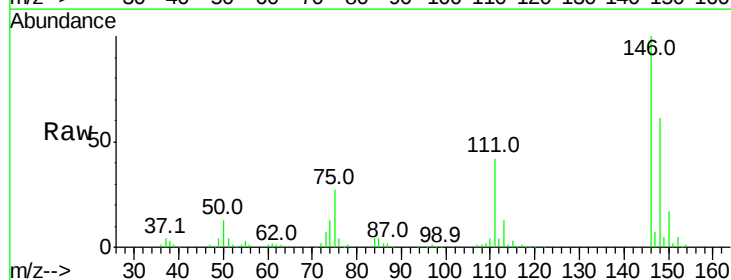
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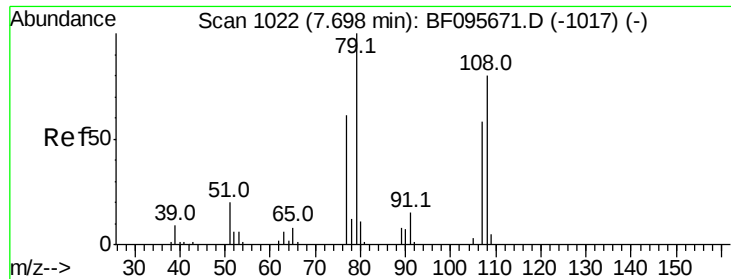
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.27 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.4	75.6
111	42.2	38.2	57.4





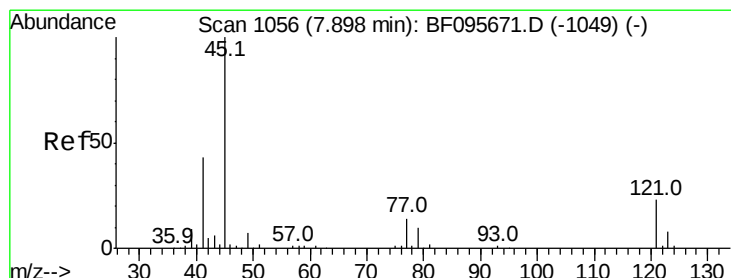
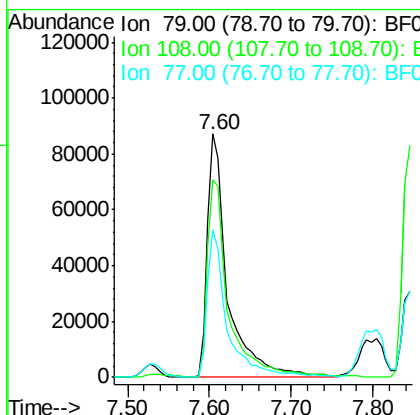
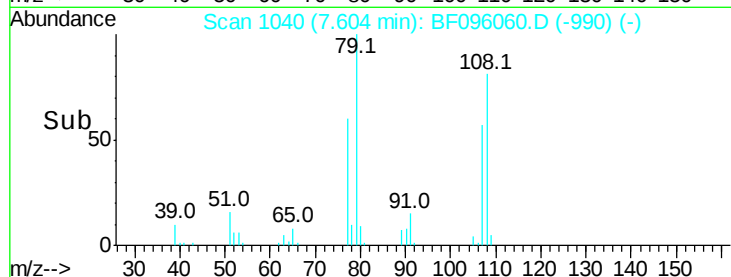
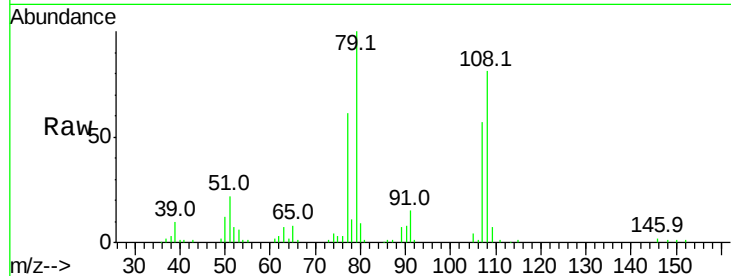
#15
Benzyl Alcohol
Concen: 39.65 ng
RT: 7.60 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	63.4	95.0
77	60.8	49.2	73.8

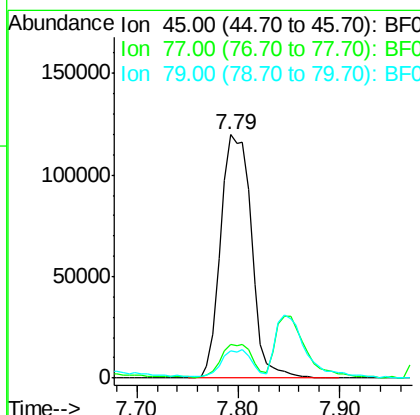
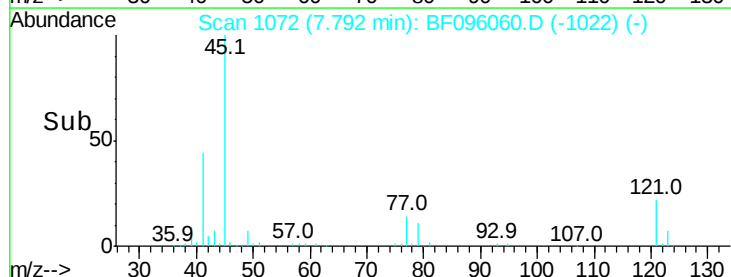
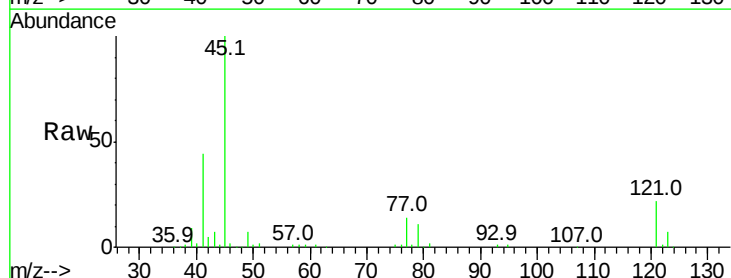
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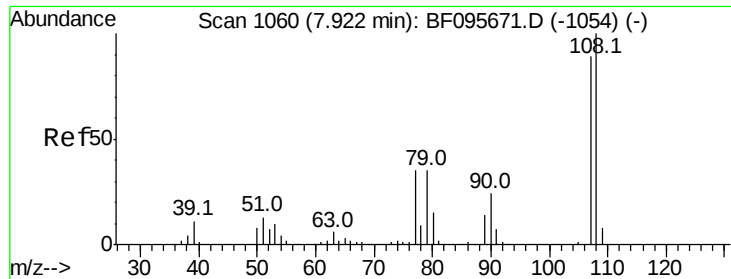
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.36 ng
RT: 7.79 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.2
79	11.3	0.0	30.0





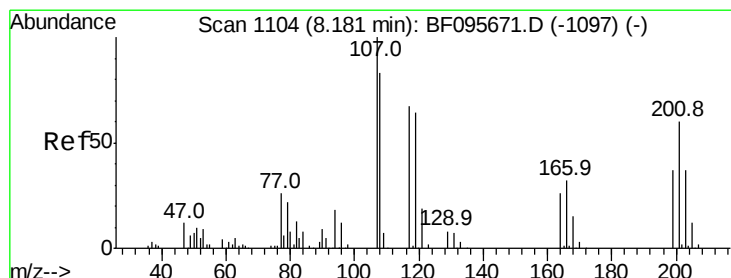
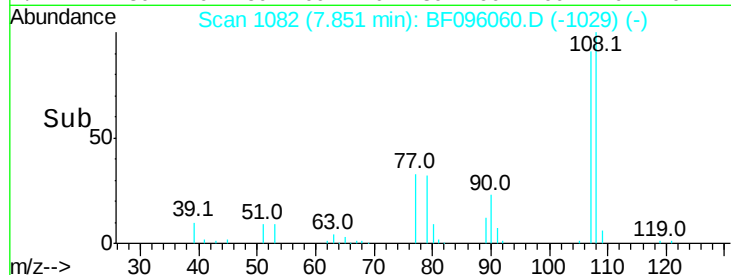
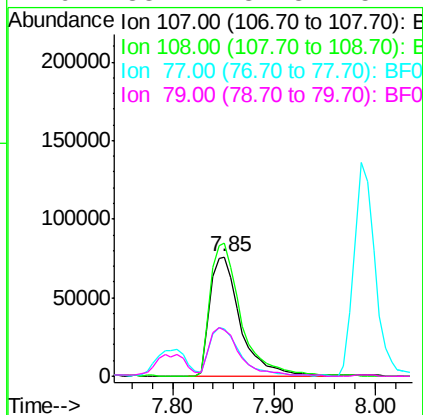
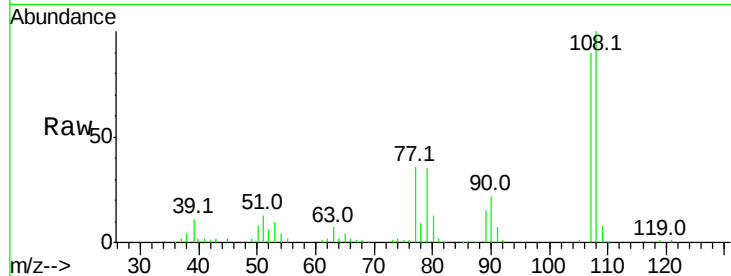
#17
2-Methylphenol
Concen: 38.43 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	93.4	140.0	
77	40.0	35.8	53.6	
79	38.4	34.8	52.2	

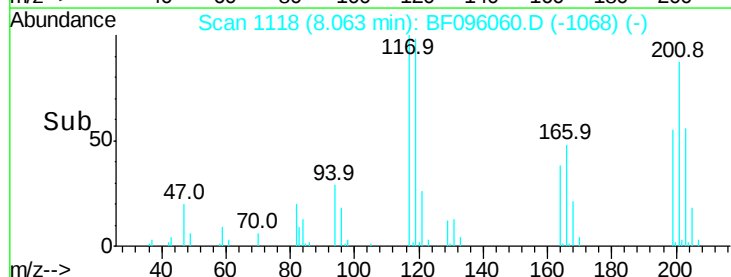
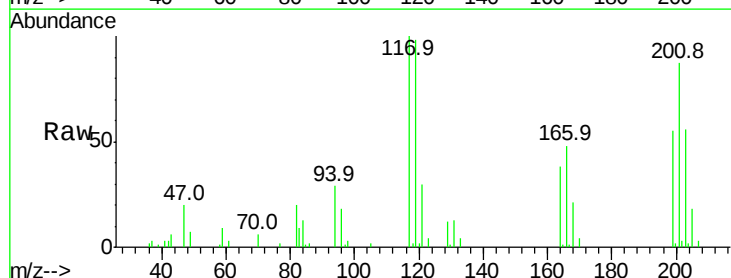
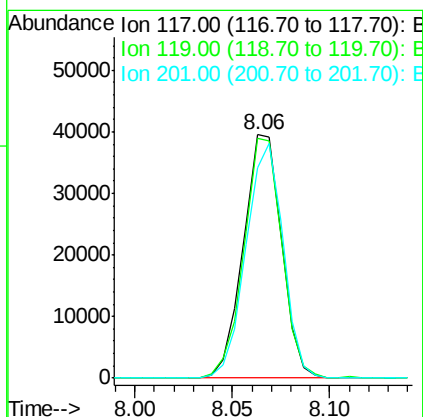
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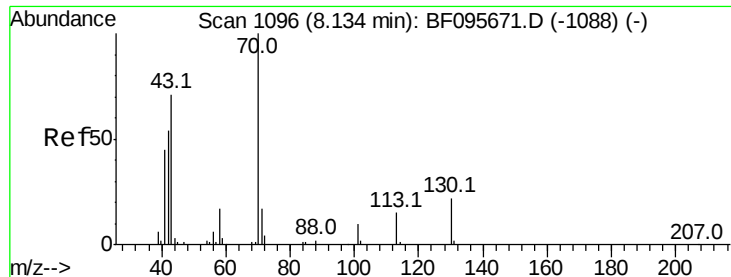
mohammad
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#18
Hexachloroethane
Concen: 28.78 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	77.4	116.0	
201	86.5	94.6	141.8#	





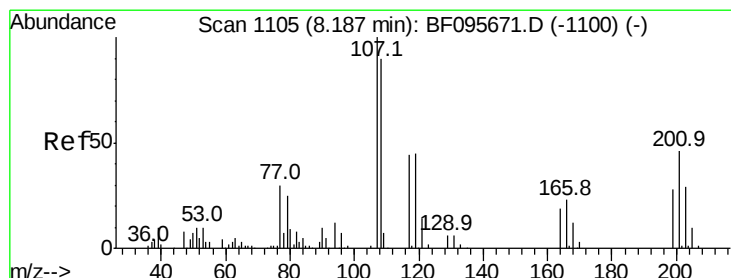
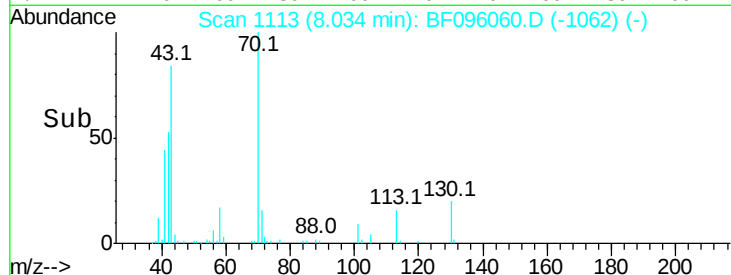
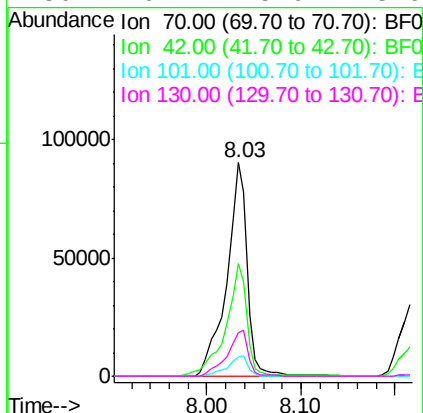
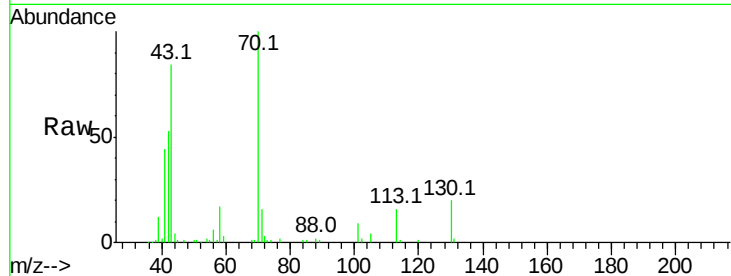
#19
n-Nitroso-di-n-propylamine
Concen: 38.69 ng
RT: 8.03 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.2	70.8
101	9.1	7.2	10.8
130	20.4	15.9	23.9

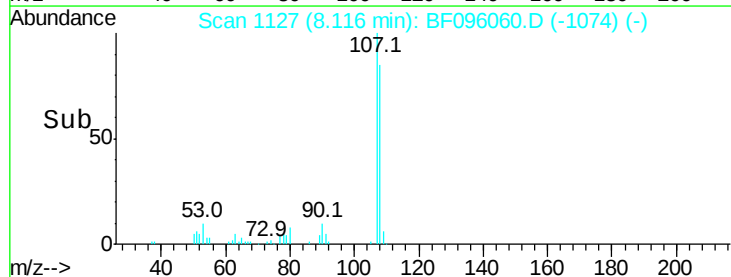
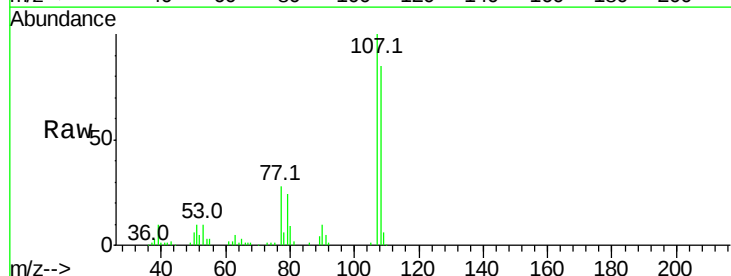
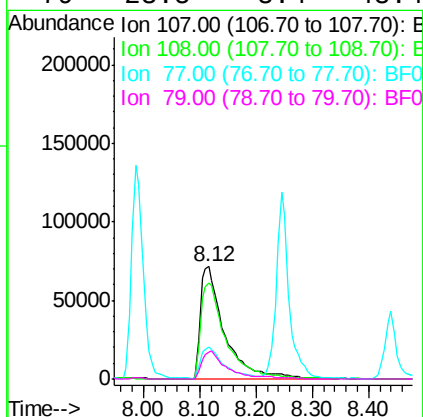
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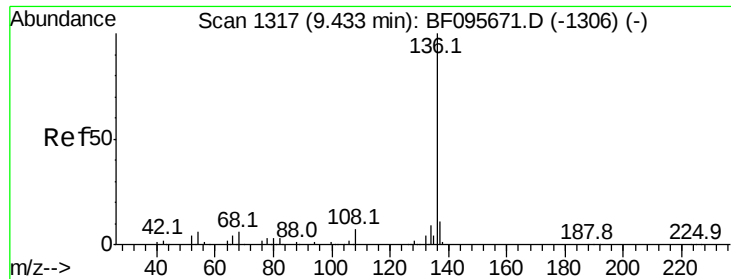
mohammad
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#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 8.12 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	71.0	111.0
77	28.0	90.5	130.5#
79	23.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

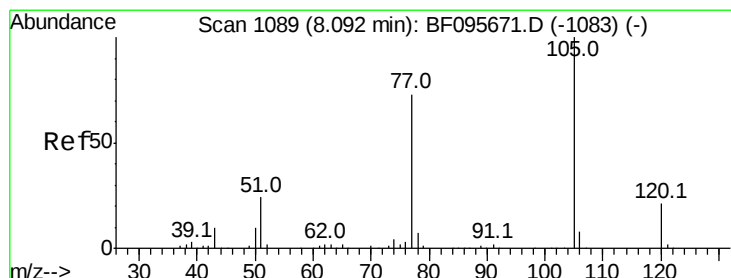
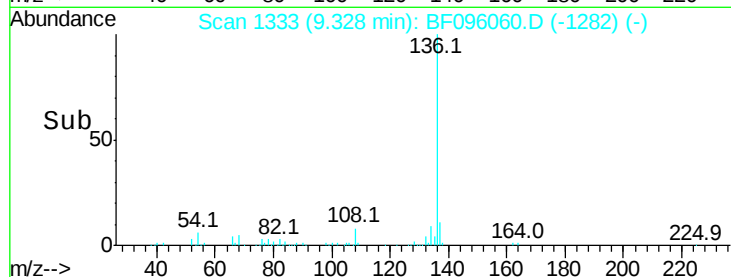
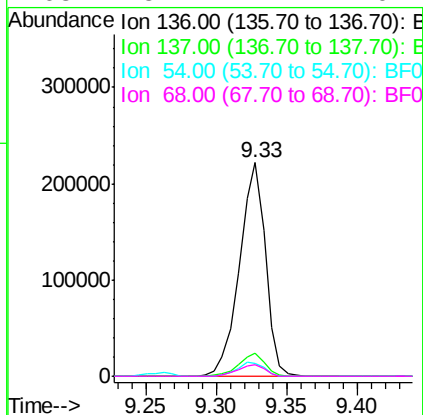
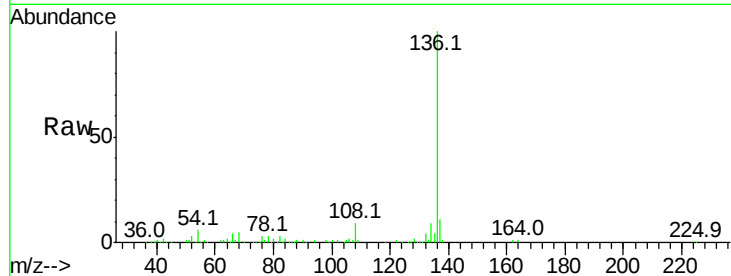
ClientSampleId :

TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284566		
137	10.8		8.5	12.7
54	6.3		4.9	7.3
68	5.4		4.1	6.1

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#22

Acetophenone

Concen: 41.07 ng

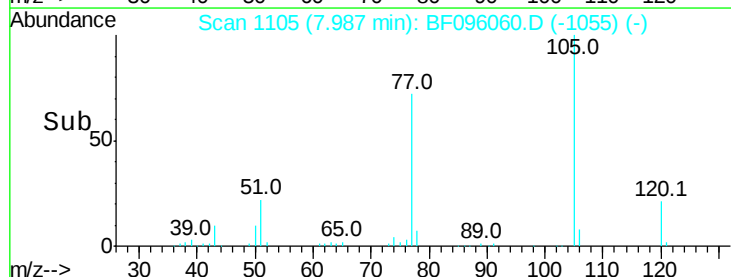
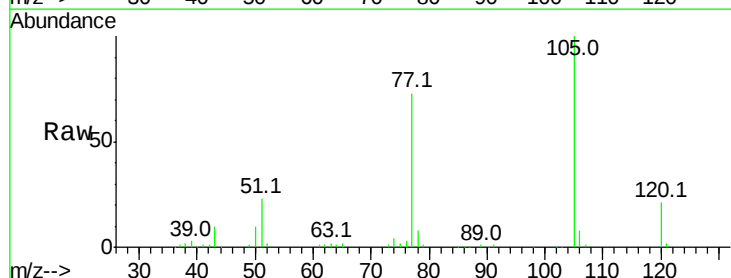
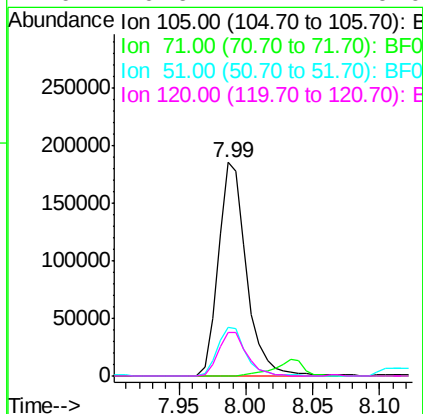
RT: 7.99 min Scan# 1105

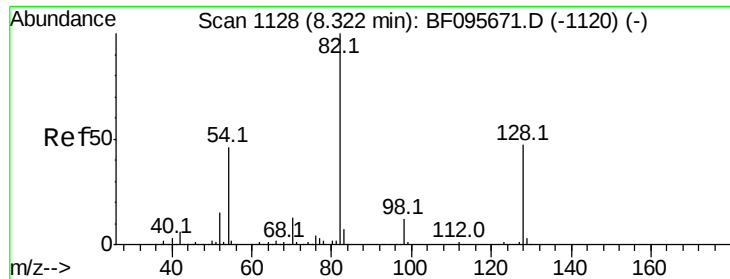
Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273571		
71	0.0		2.8	4.2#
51	22.8		30.7	46.1#
120	20.6		17.4	26.0





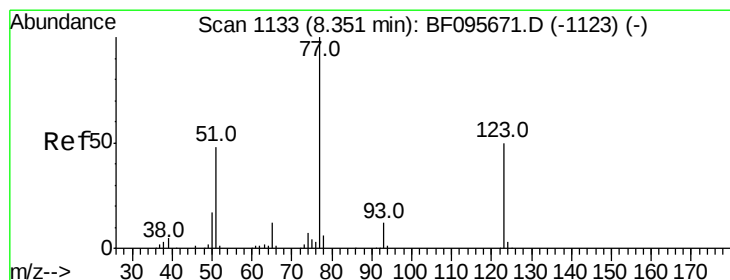
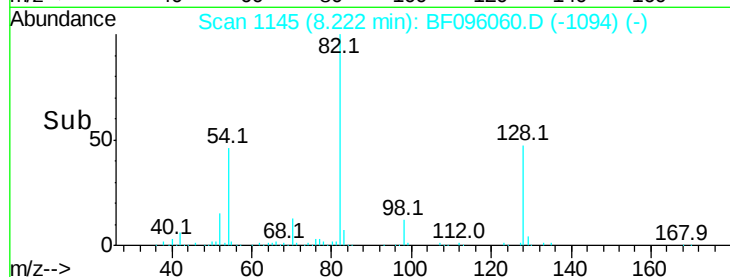
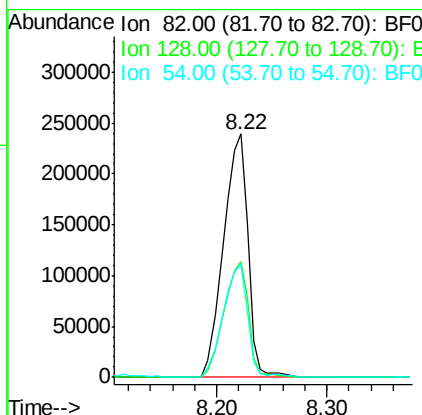
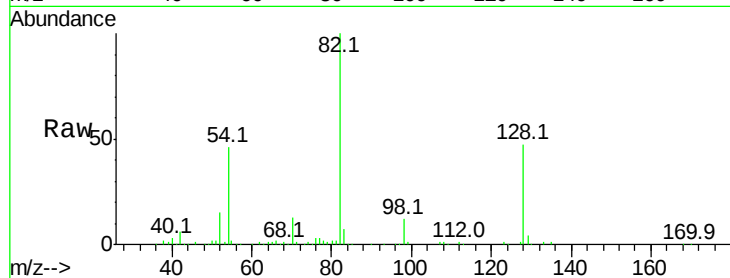
#23
 Nitrobenzene-d5
 Concen: 81.21 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	46.4	42.2	63.2

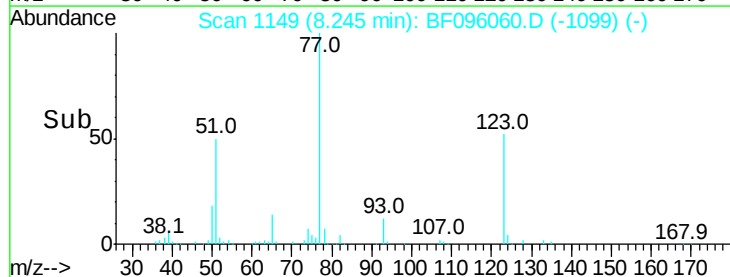
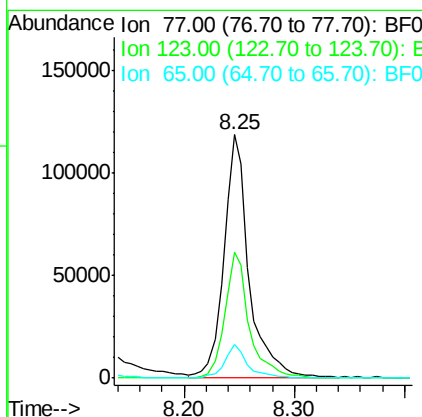
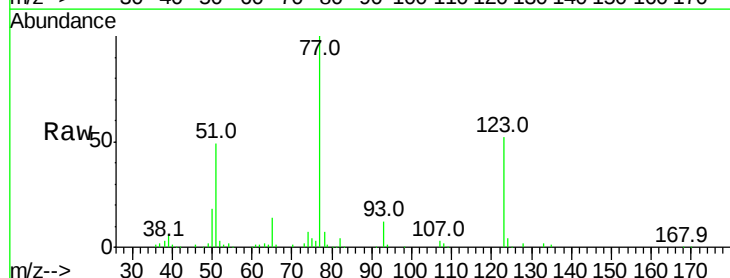
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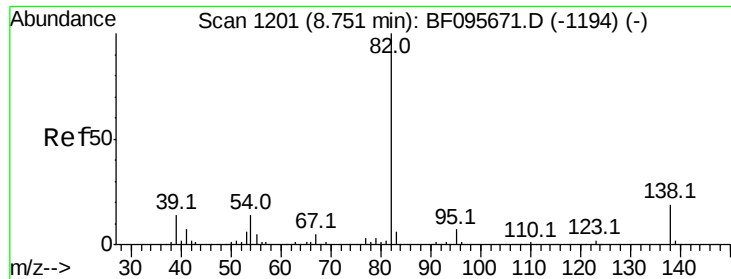
mohammad
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#24
 Nitrobenzene
 Concen: 37.96 ng
 RT: 8.25 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 38.97 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096060.D

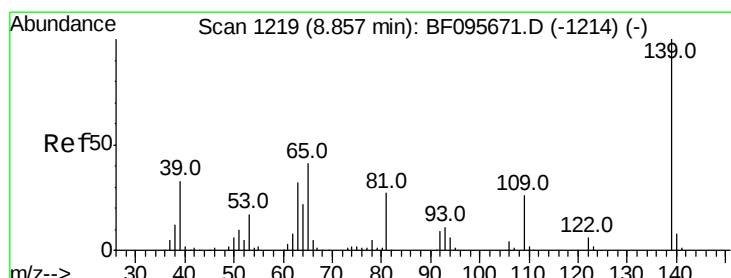
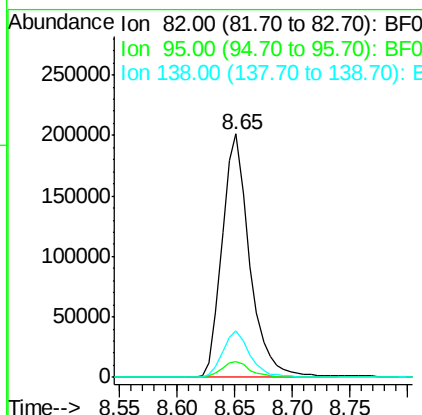
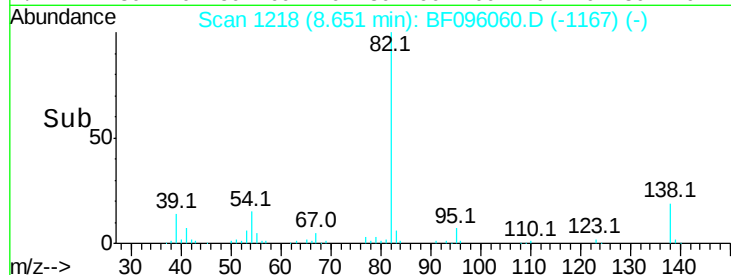
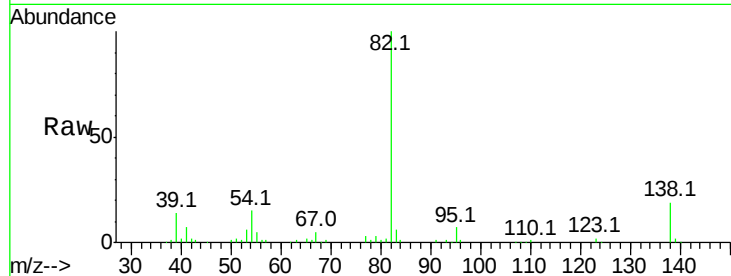
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion:	82	Resp:	333448
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.83 ng

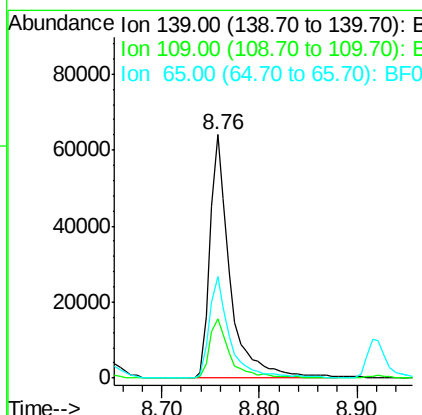
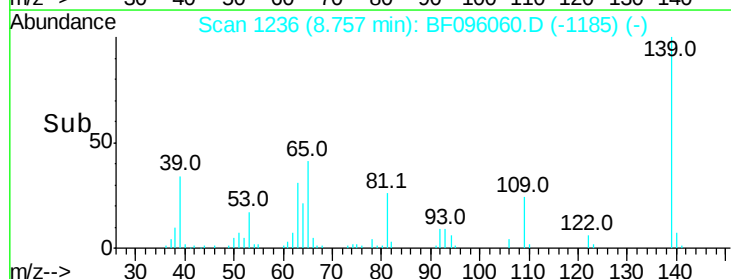
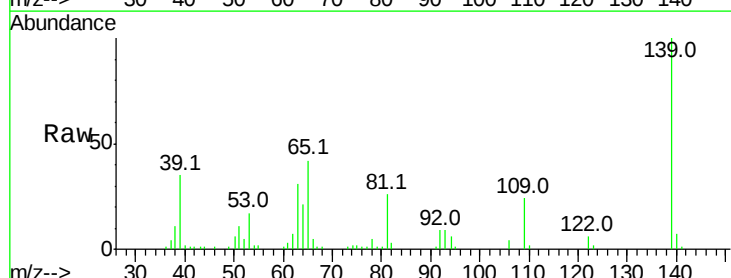
RT: 8.76 min Scan# 1236

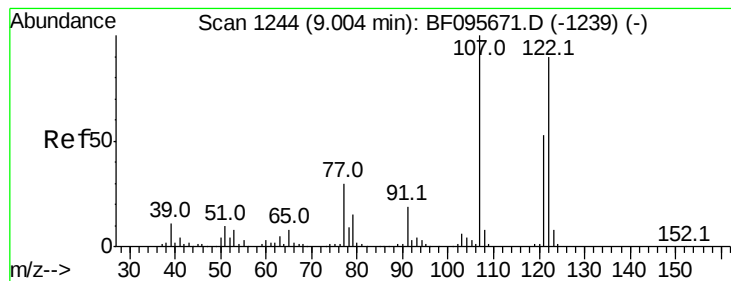
Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	139	Resp:	91835
Ion Ratio	Lower	Upper	
139	100		
109	24.4	21.0	31.6
65	41.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 41.72 ng

RT: 8.92 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

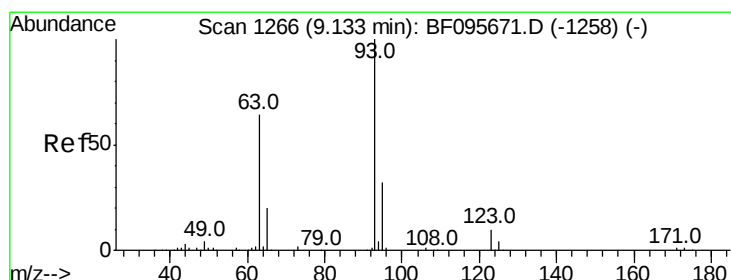
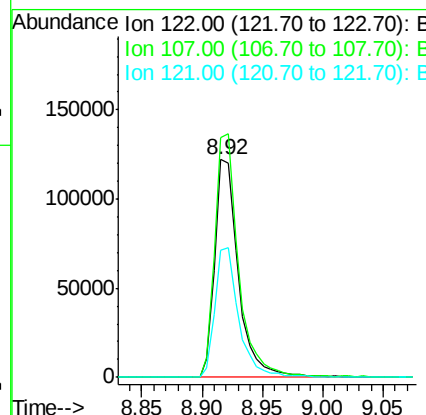
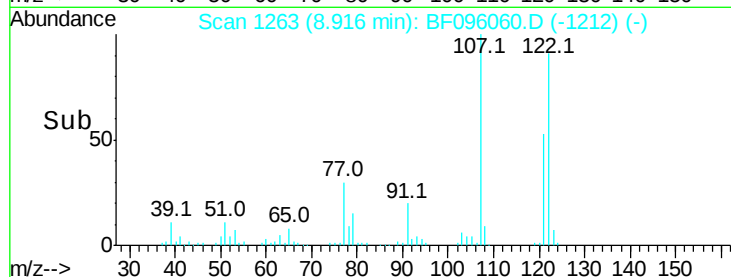
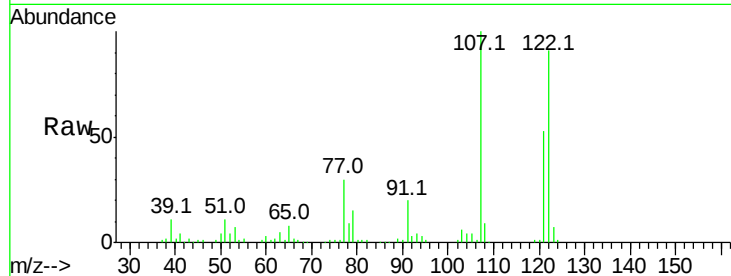
ClientSampleId :

TK4-1-20170619MS

Tot Ion:	122	Resp:	165938
Ion Ratio	Lower	Upper	
122	100		
107	109.8	89.2	133.8
121	58.3	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.16 ng

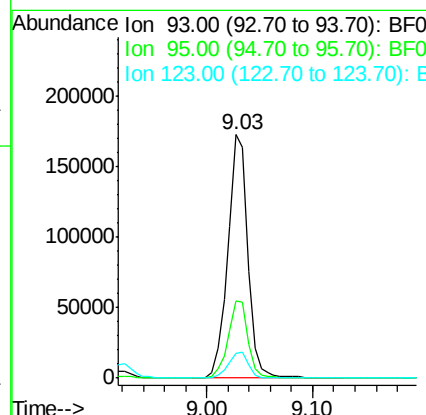
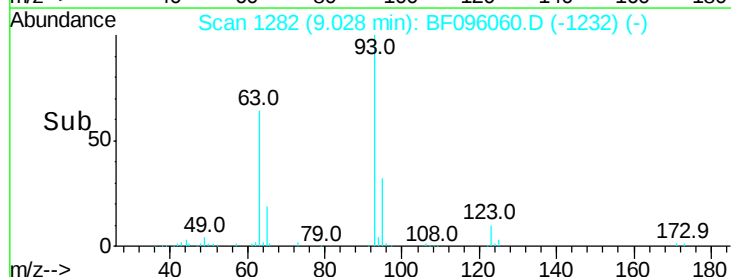
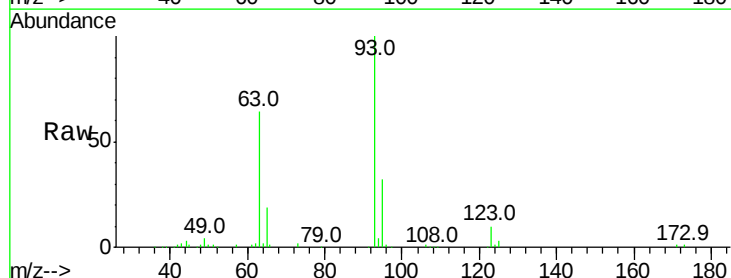
RT: 9.03 min Scan# 1282

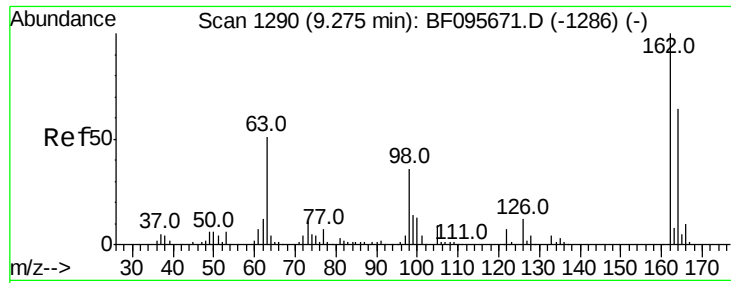
Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	93	Resp:	226483
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.5	39.7
123	10.4	9.0	13.4





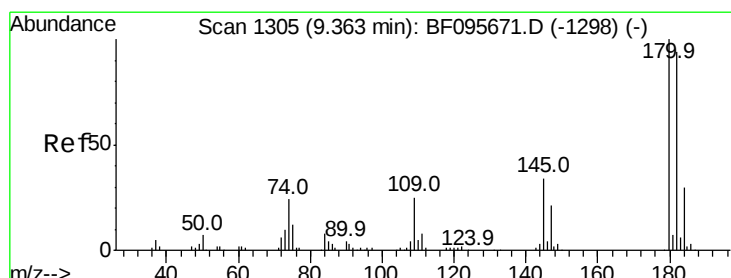
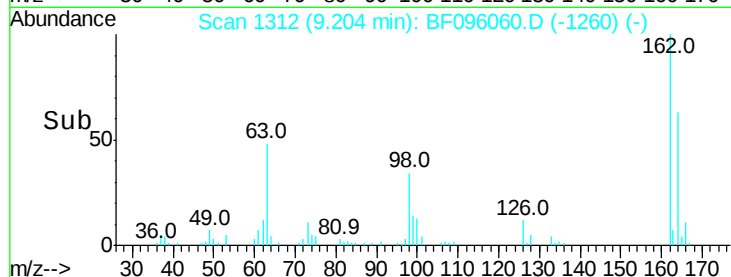
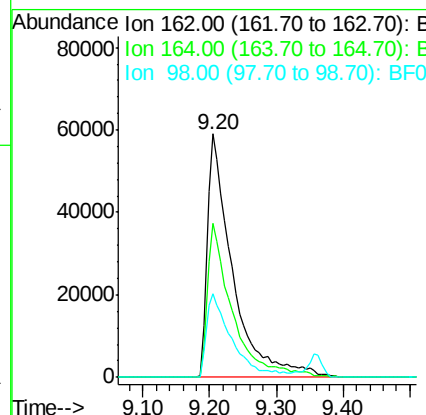
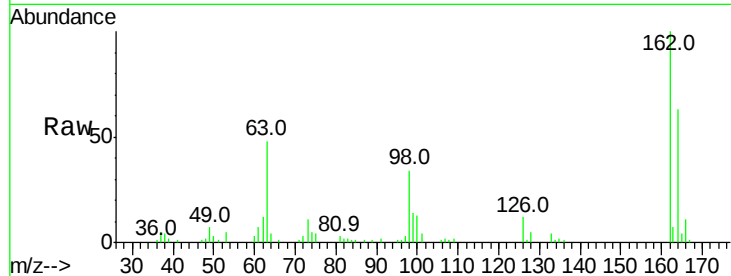
#29
 2,4-Dichlorophenol
 Concen: 40.16 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.2	44.6	84.6
98	34.1	14.8	54.8

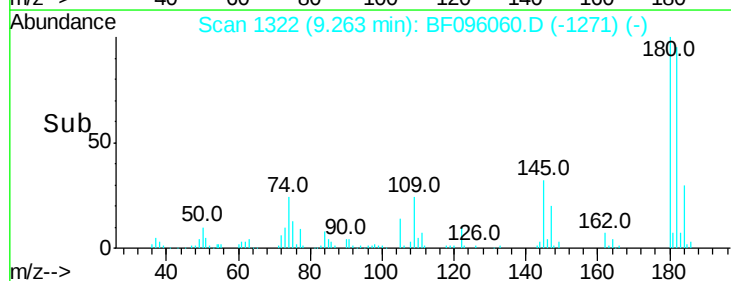
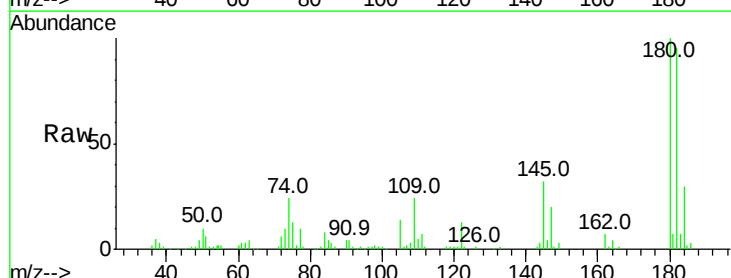
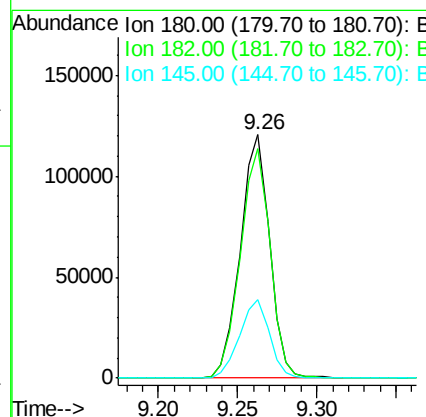
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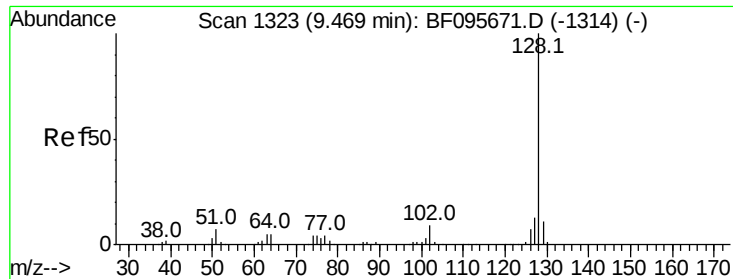
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.87 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	75.8	113.6
145	32.4	25.3	37.9





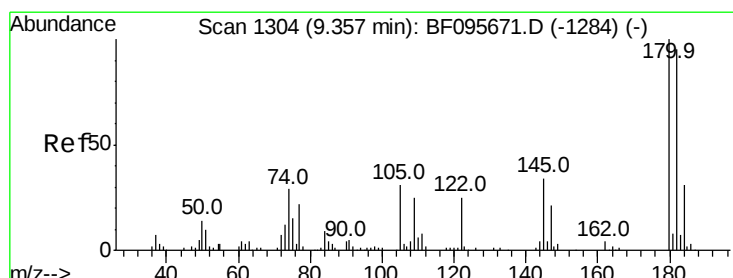
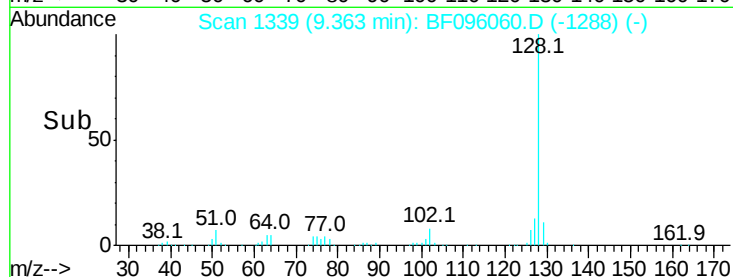
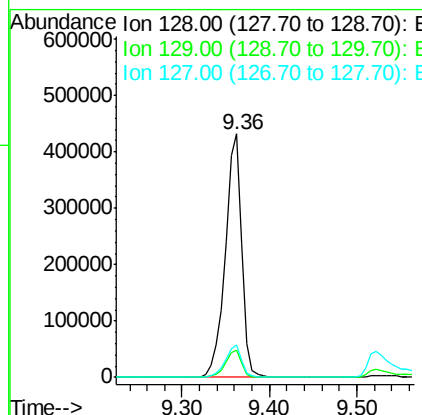
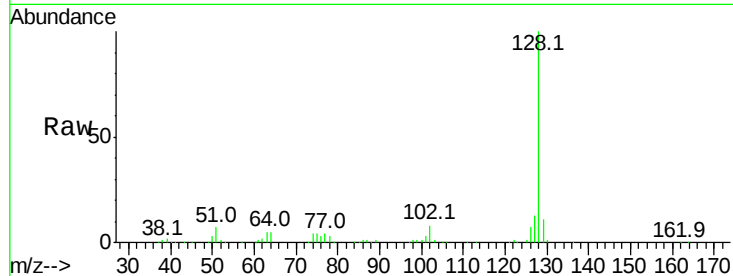
#31
Naphthalene
Concen: 39.48 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.6	
127	13.1	10.8	16.2	

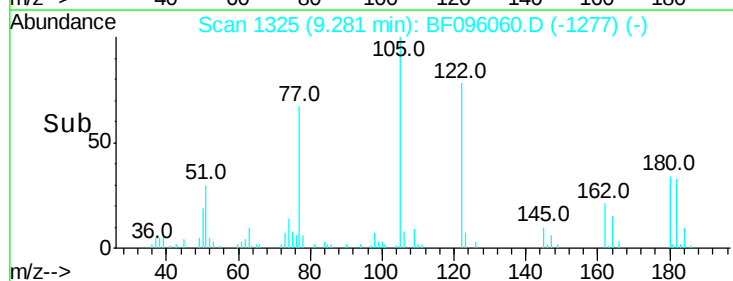
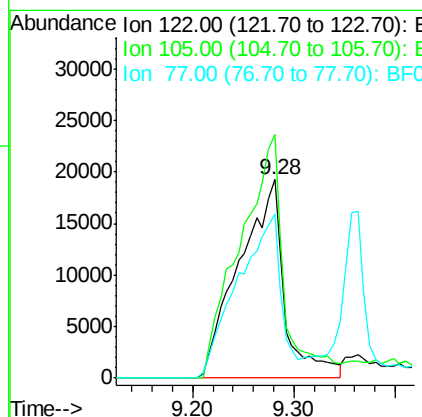
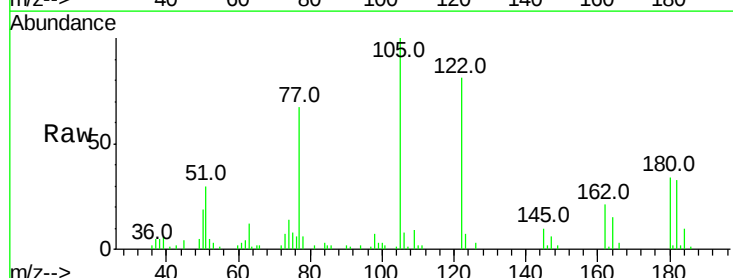
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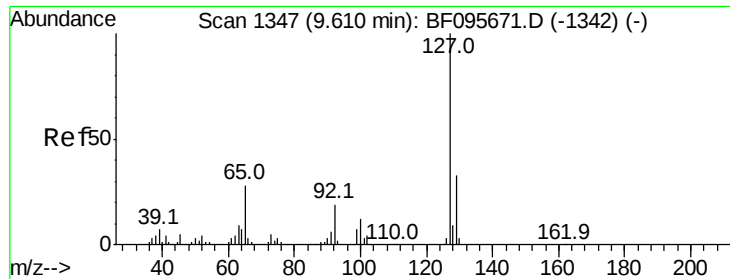
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#32
Benzoic acid
Concen: 26.68 ng
RT: 9.28 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.8	103.3	143.3	
77	82.9	73.7	113.7	





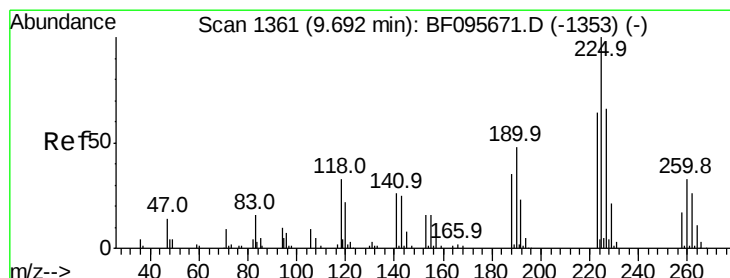
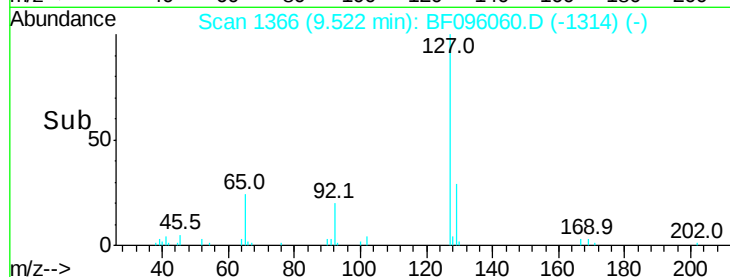
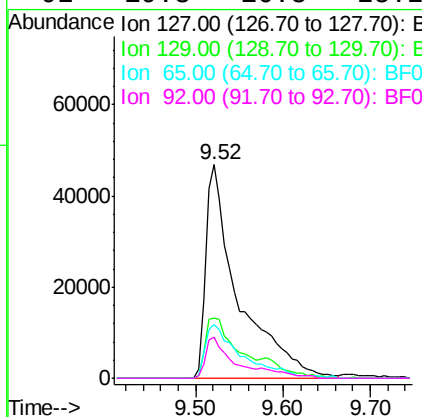
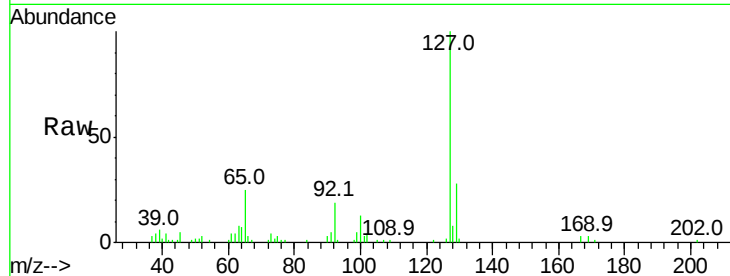
#33
 4-Chloroaniline
 Concen: 21.60 ng
 RT: 9.52 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.4	26.2	39.2	
65	24.9	27.8	41.8	
92	19.3	16.8	25.2	

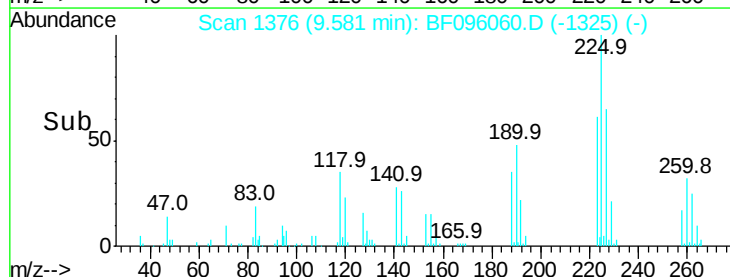
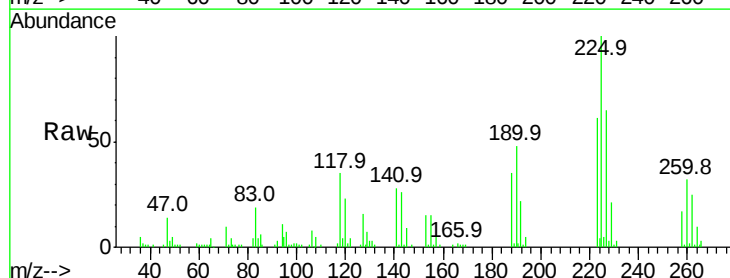
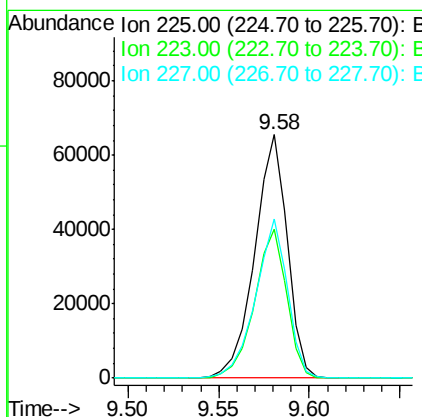
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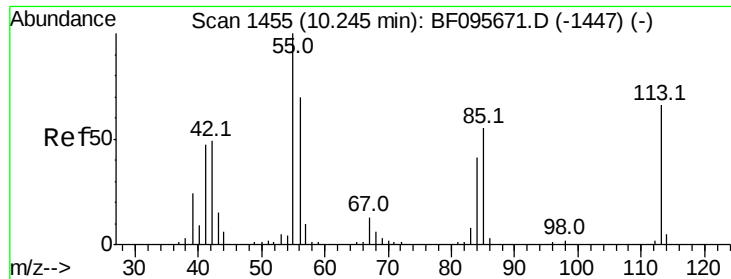
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#34
 Hexachlorobutadiene
 Concen: 39.65 ng
 RT: 9.58 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	48.8	73.2	
227	65.4	51.1	76.7	





#35

Caprolactam

Concen: 38.89 ng/mL

RT: 10.15 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

ClientSampleId :

TK4-1-20170619MS

Tot Ion:113 Resp: 44328

Ion Ratio Lower Upper

113 100

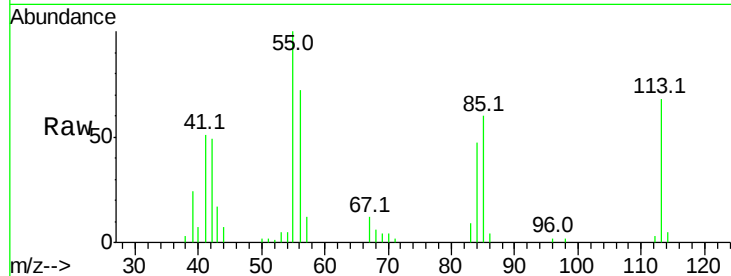
55 147.7 150.2 190.2#

56 107.0 107.8 147.8#

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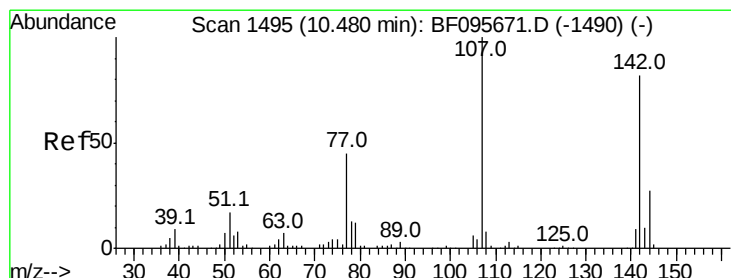
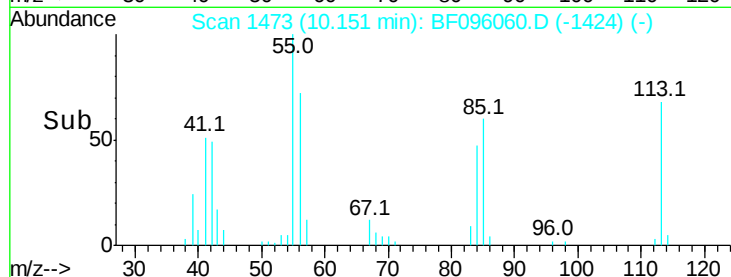
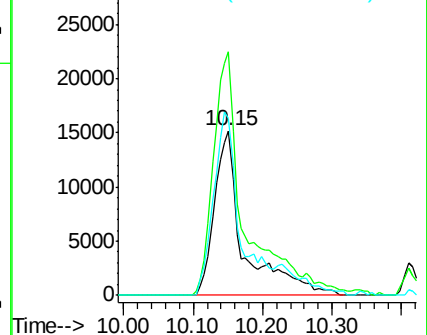
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.49 ng/mL

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

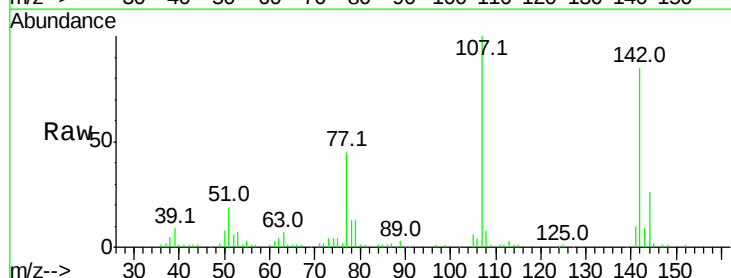
Tgt Ion:107 Resp: 150338

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

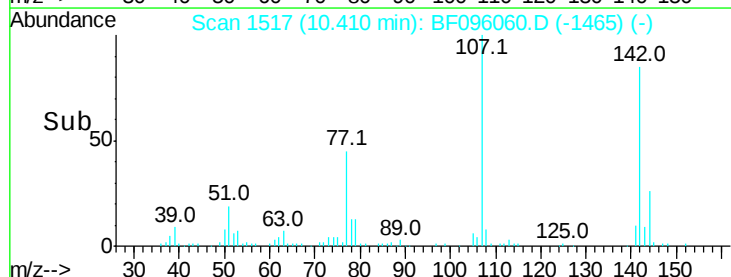
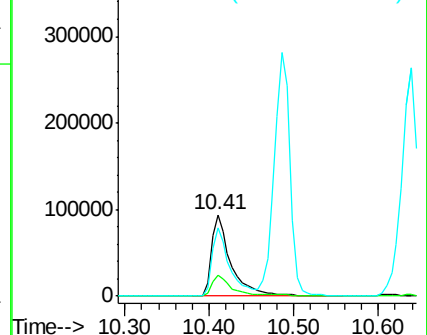
142 84.6 73.4 110.0

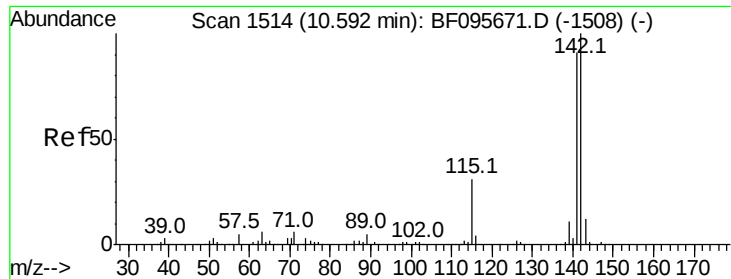


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





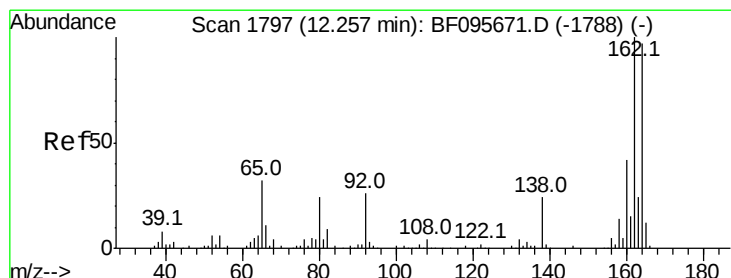
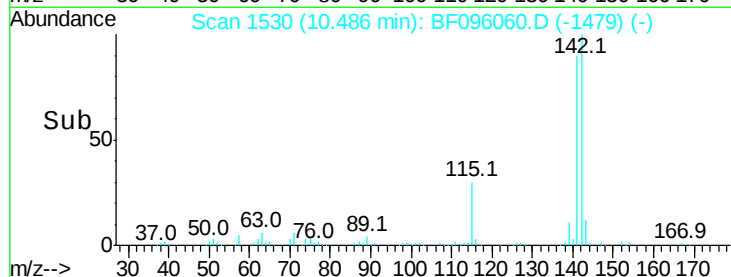
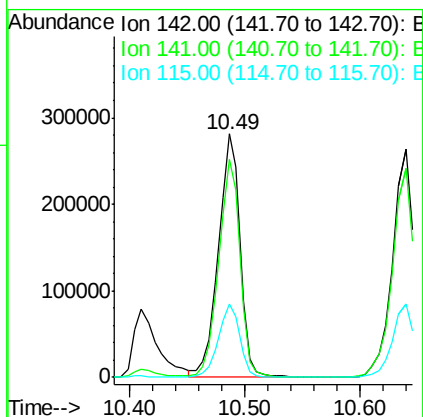
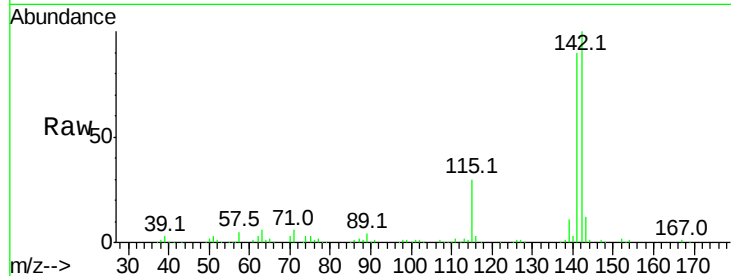
#37
2-Methylnaphthalene
Concen: 38.10 ng
RT: 10.49 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	367668		
141	89.8	71.3	106.9	
115	30.2	27.1	40.7	

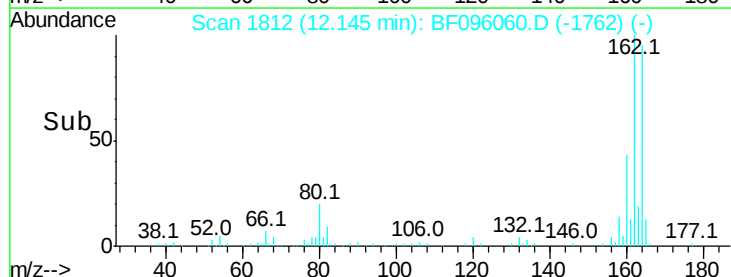
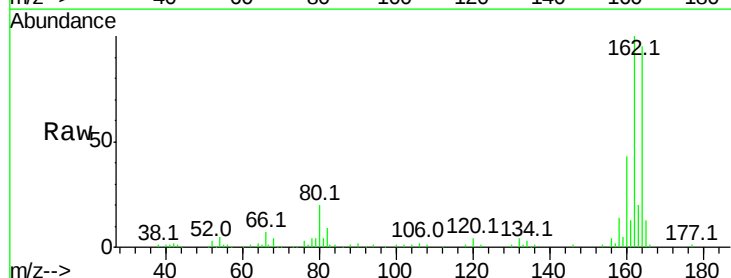
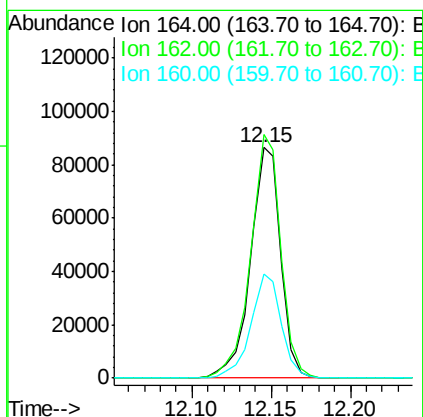
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114058		
162	105.6	82.6	123.8	
160	45.2	36.2	54.2	





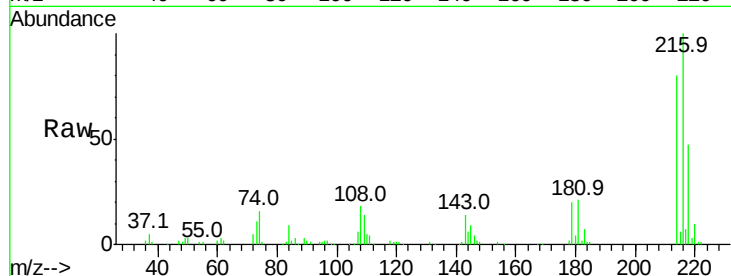
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.60 ng
 RT: 10.77 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

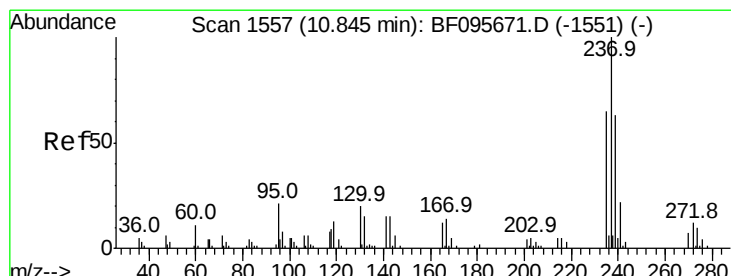
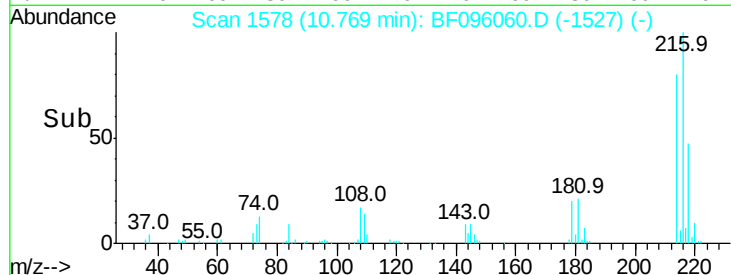
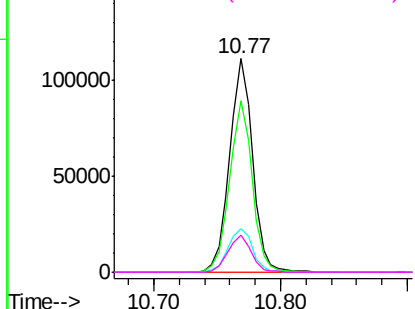
Tot Ion	Ratio	Resp	Lower	Upper
216	100	138597		
214	79.0	63.4	95.2	
179	21.7	17.9	26.9	
108	17.5	16.5	24.7	

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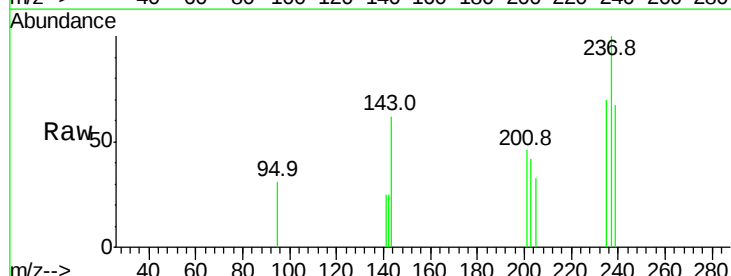


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

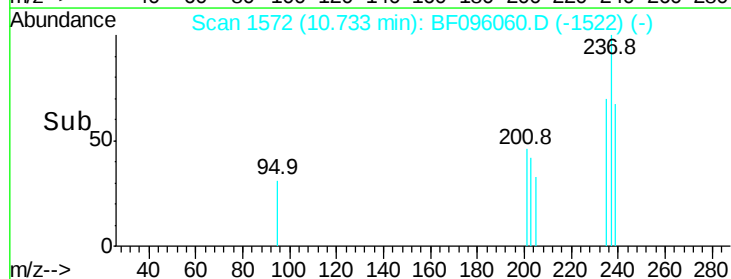
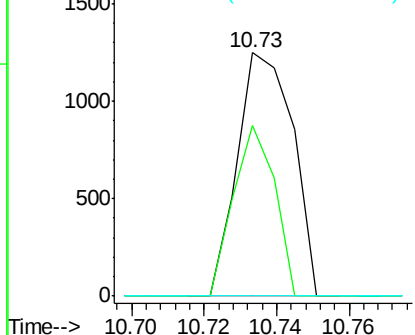


#40
 Hexachlorocyclopentadiene
 Concen: 12.32 ng
 RT: 10.73 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1336		
235	70.2	42.6	82.6	
272	0.0	0.0	31.9	



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





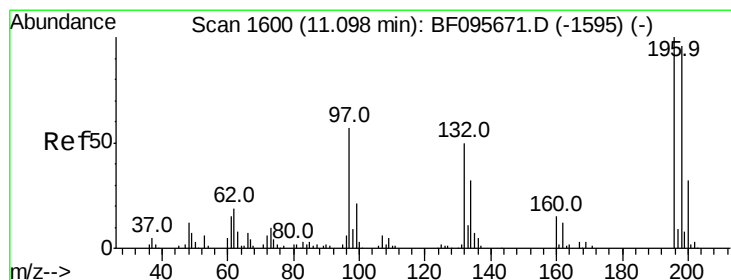
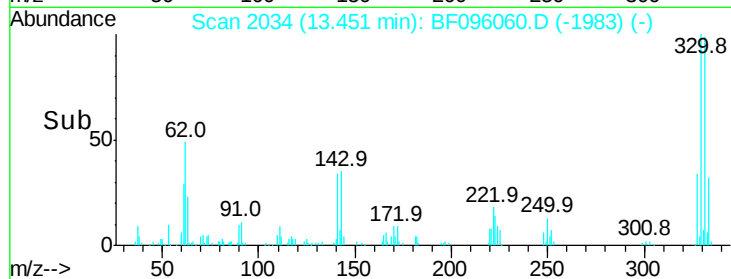
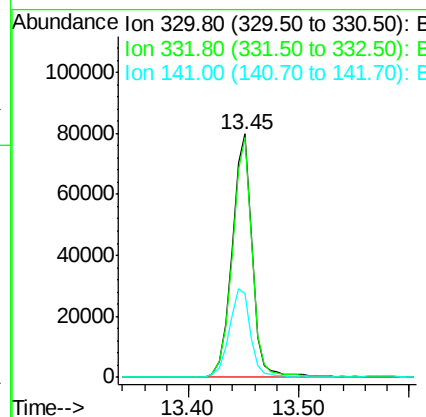
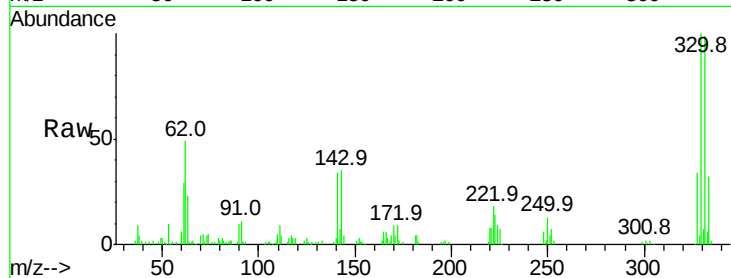
#41
 2,4,6-Tribromophenol
 Concen: 101.20 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	102129		
332	97.3	76.6	115.0	
141	38.8	31.4	47.2	

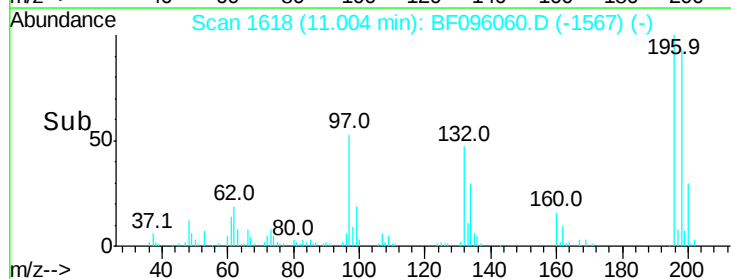
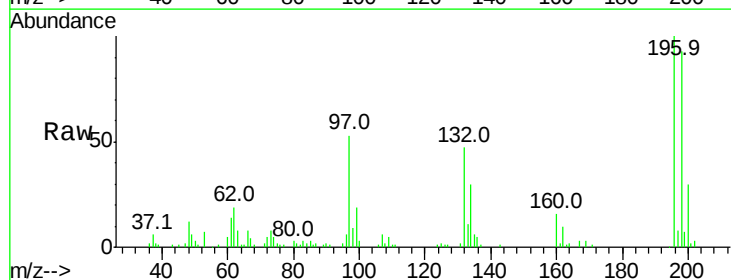
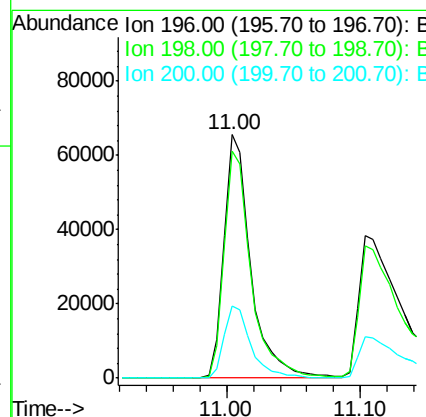
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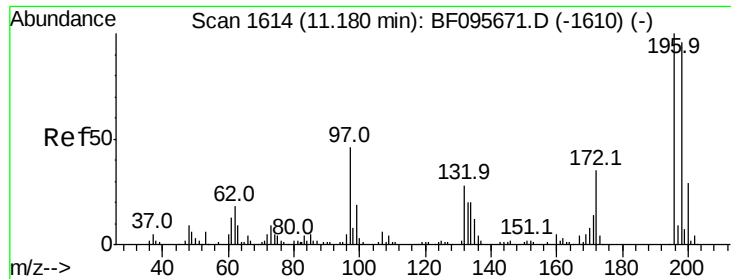
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#42
 2,4,6-Trichlorophenol
 Concen: 42.59 ng
 RT: 11.00 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93471		
198	93.5	74.2	111.4	
200	29.9	24.0	36.0	





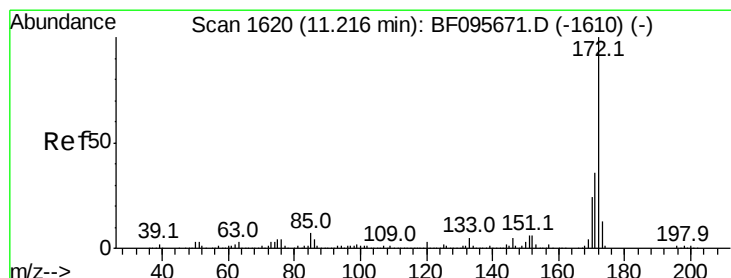
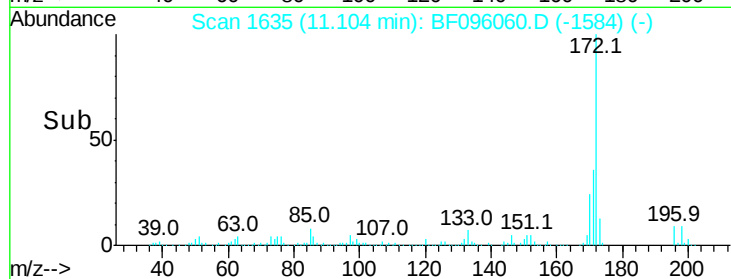
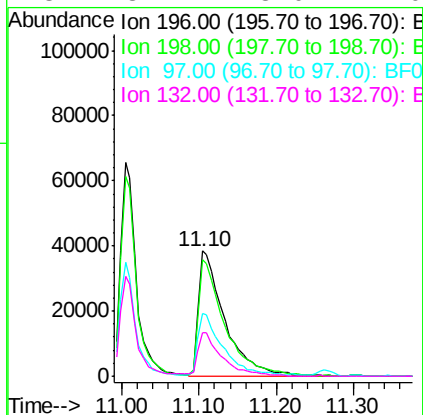
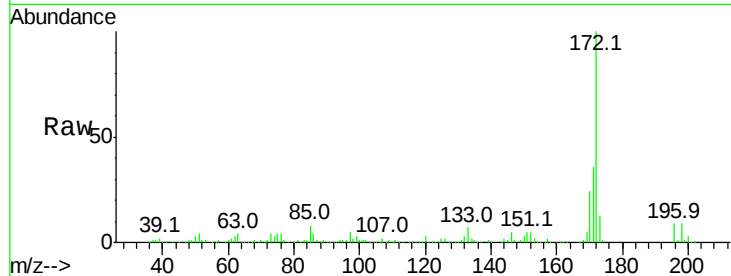
#43
 2,4,5-Trichlorophenol
 Concen: 39.04 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
97	50.7	47.7	71.5
132	34.4	28.0	42.0

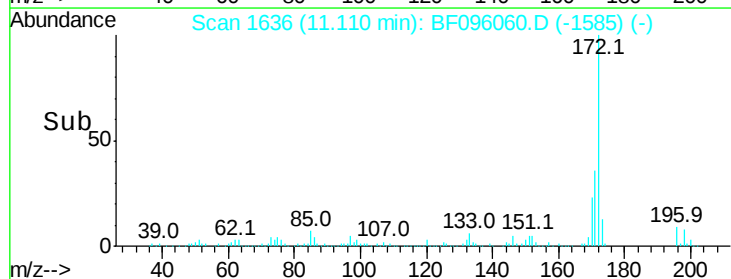
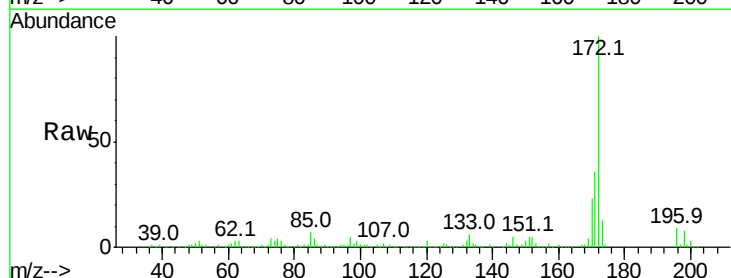
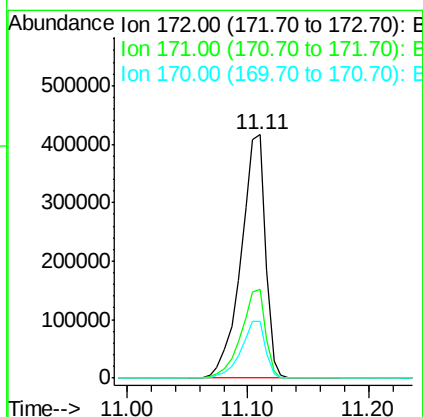
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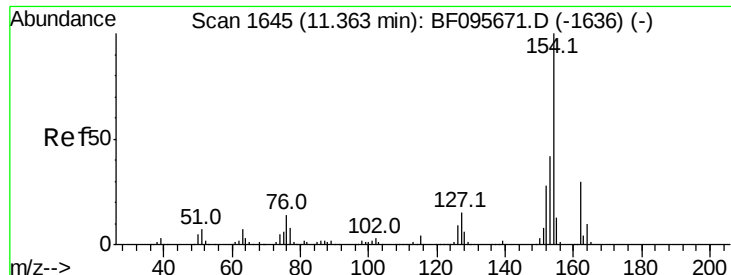
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 71.71 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.4	19.8	29.8





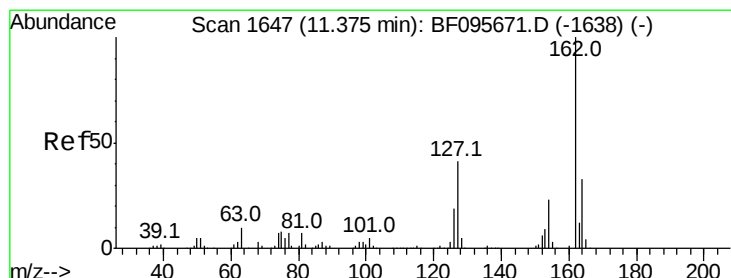
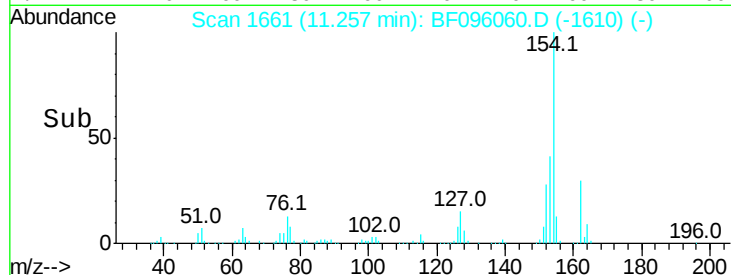
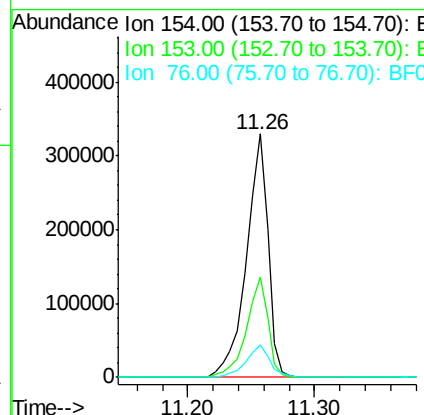
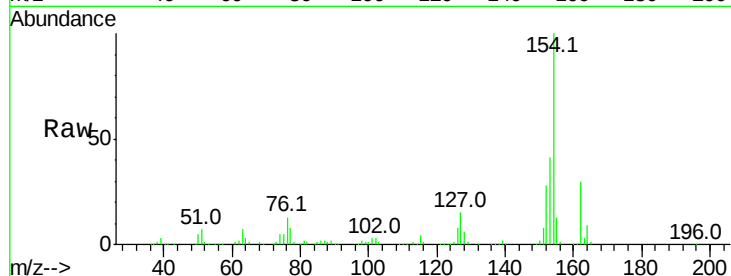
#45
 1,1'-Biphenyl
 Concen: 41.37 ng
 RT: 11.26 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.2	61.2	
76	13.2	0.0	29.9	

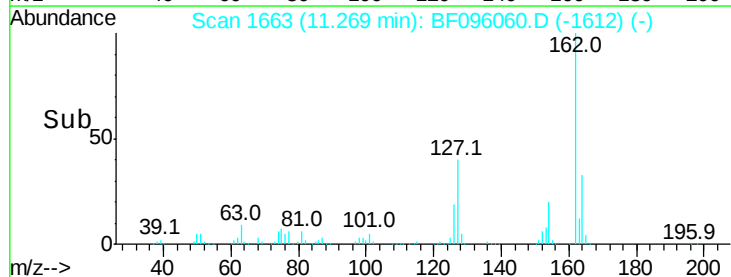
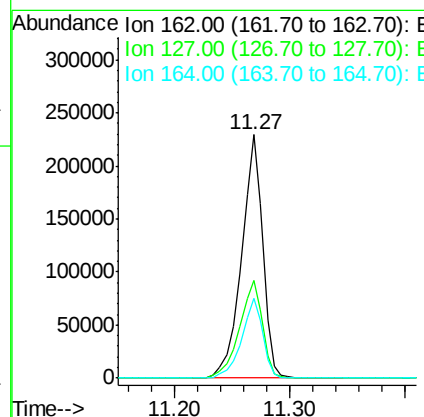
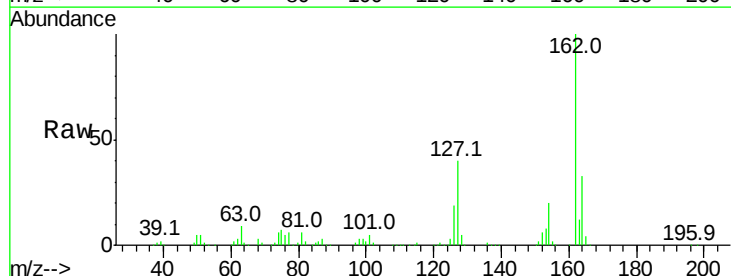
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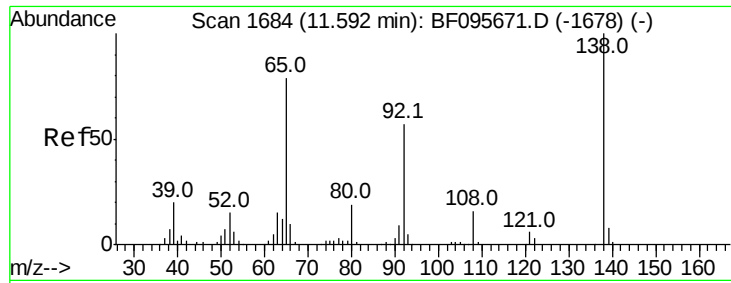
mohammad
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#46
 2-Chloronaphthalene
 Concen: 39.50 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	28.3	42.5	
164	33.0	27.0	40.4	





#47

2-Nitroaniline

Concen: 40.45 ng

RT: 11.50 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

ClientSampleId :

TK4-1-20170619MS

Tot Ion: 65 Resp: 86952

Ion Ratio Lower Upper

65 100

92 76.7 53.9 80.9

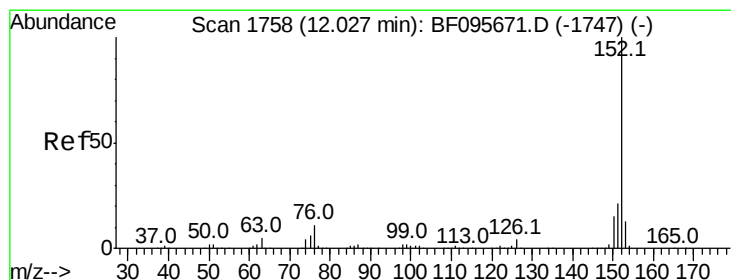
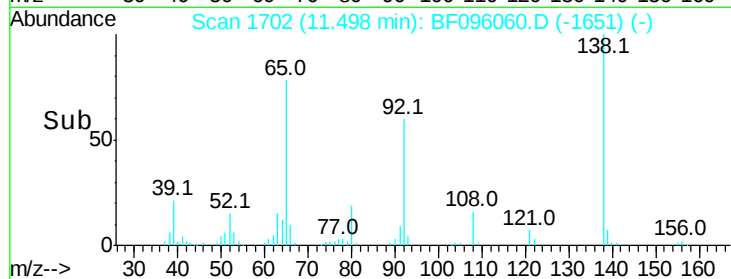
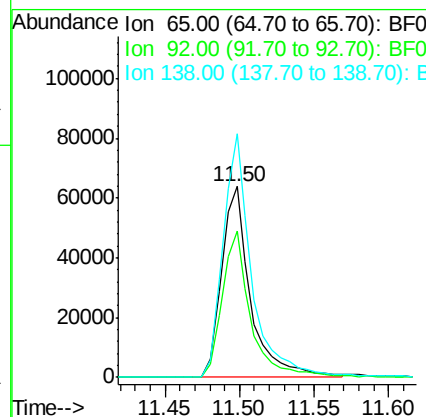
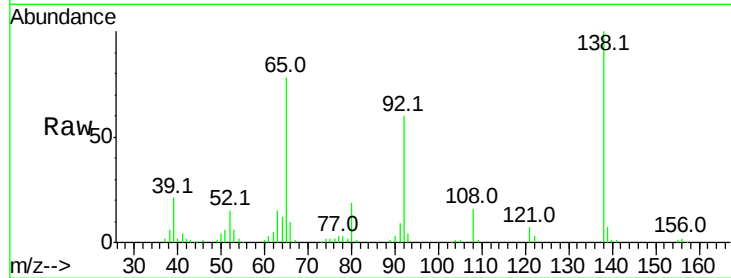
138 127.6 78.8 118.2#

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#48

Acenaphthylene

Concen: 39.57 ng

RT: 11.92 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

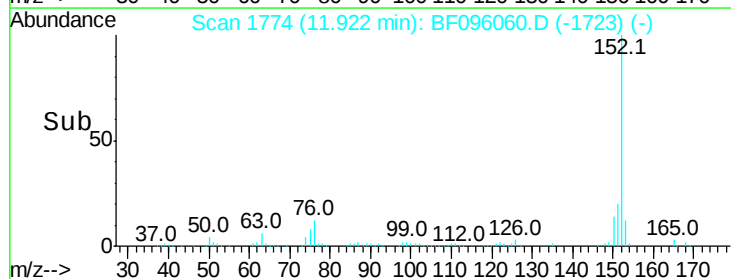
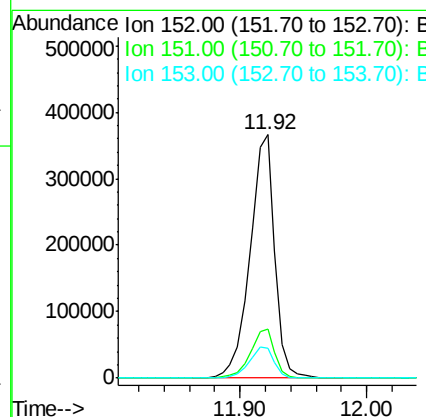
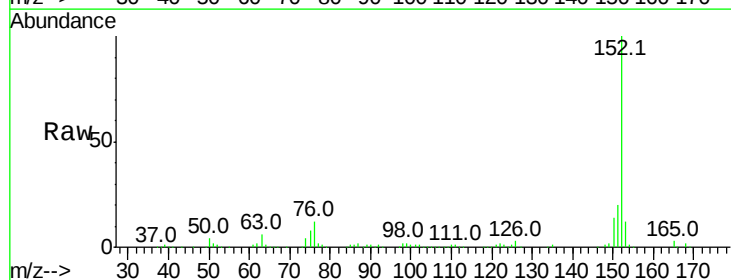
Tgt Ion:152 Resp: 497015

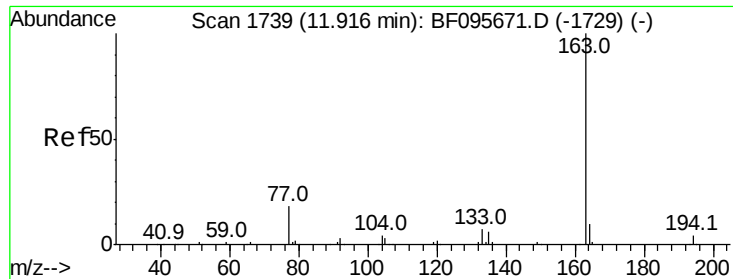
Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

153 12.3 10.8 16.2





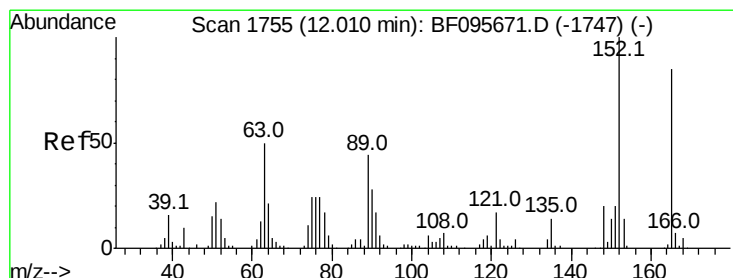
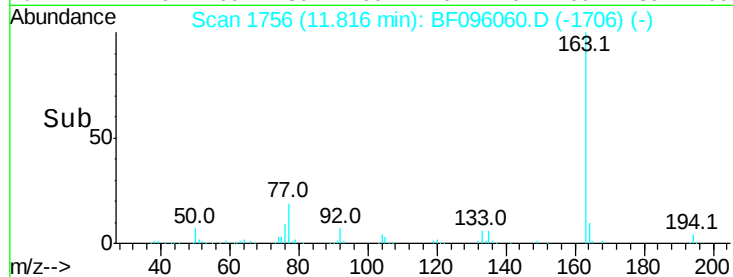
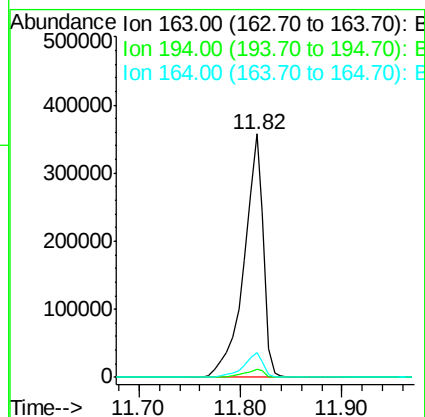
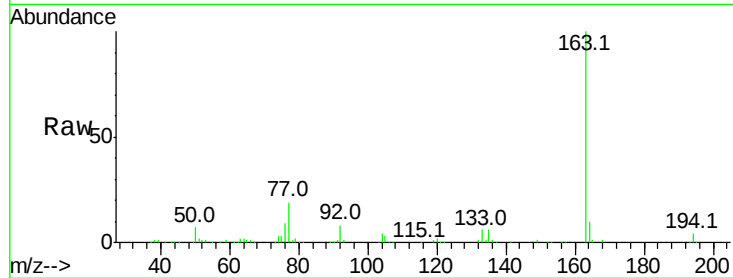
#49
Dimethylphthalate
Concen: 54.21 ng
RT: 11.82 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.0	8.4	12.6	

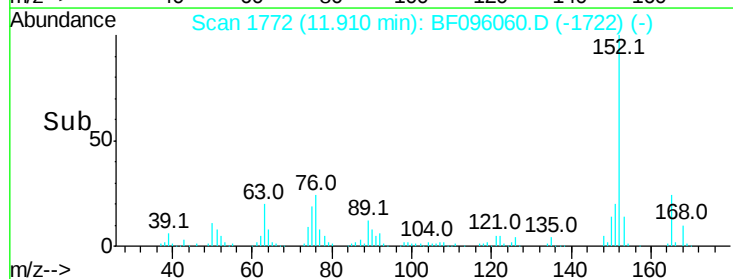
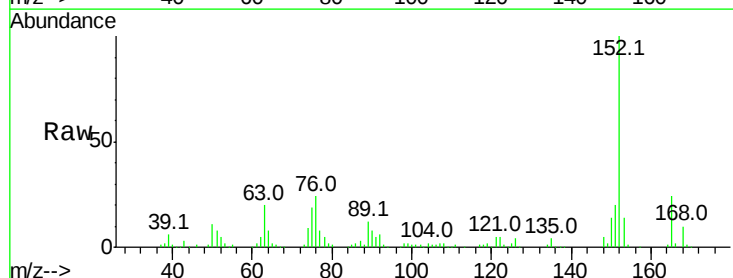
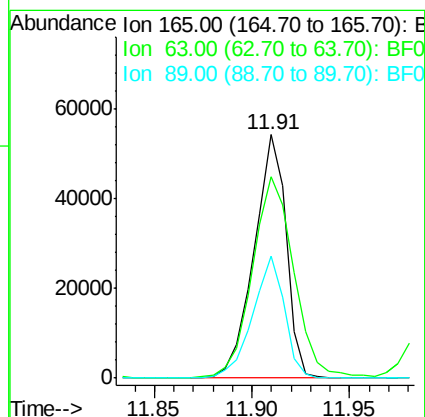
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#50
2,6-Dinitrotoluene
Concen: 32.89 ng
RT: 11.91 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	82.6	34.3	51.5#	
89	50.3	37.1	55.7	





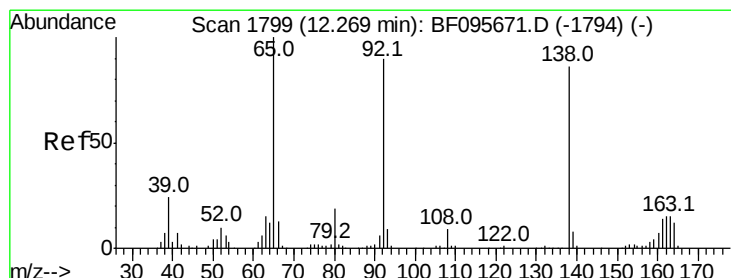
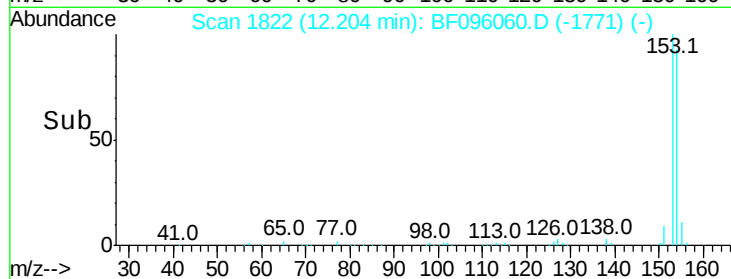
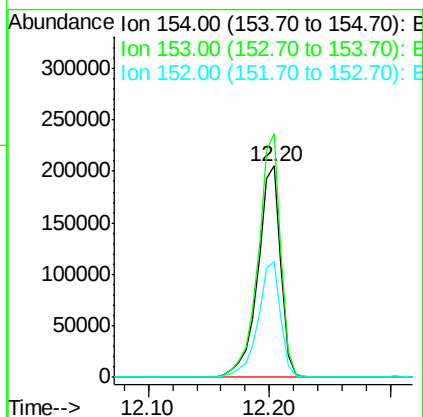
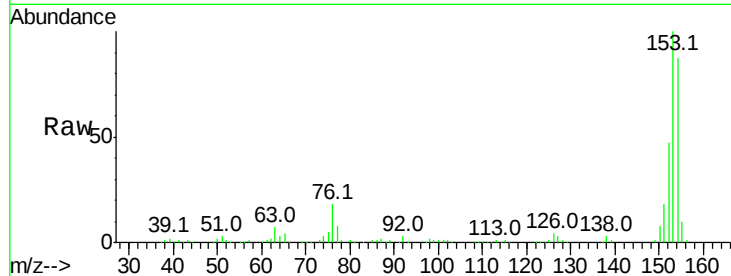
#51
Acenaphthene
Concen: 37.17 ng
RT: 12.20 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	54.6	43.6	65.4

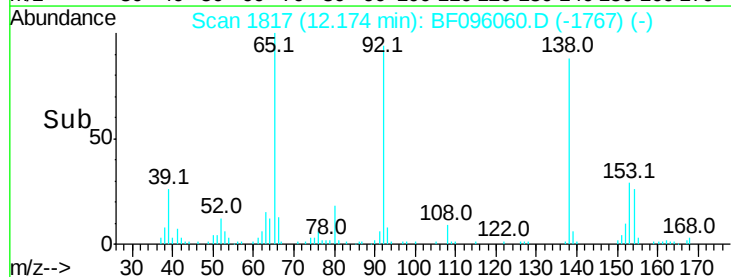
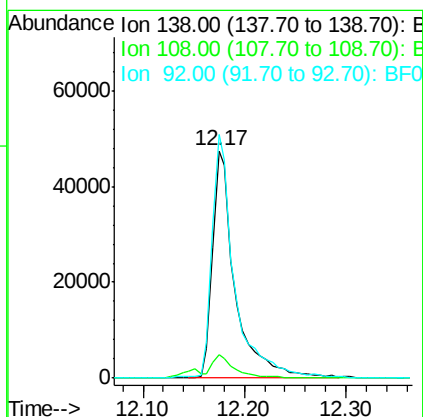
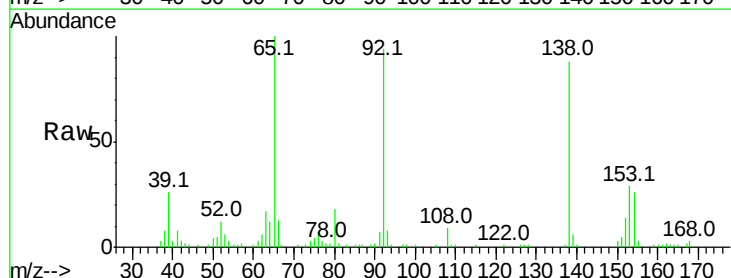
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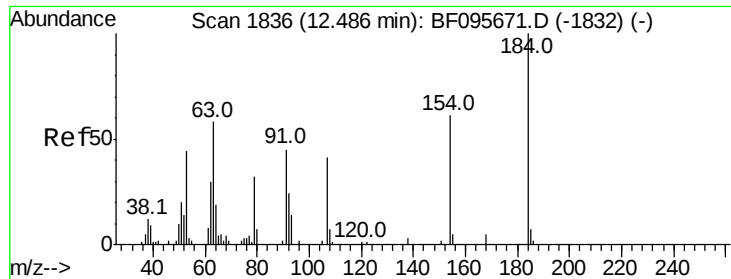
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#52
3-Nitroaniline
Concen: 33.62 ng
RT: 12.17 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	107.2	93.8	140.6





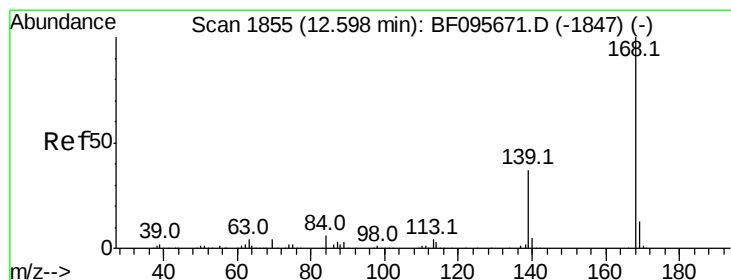
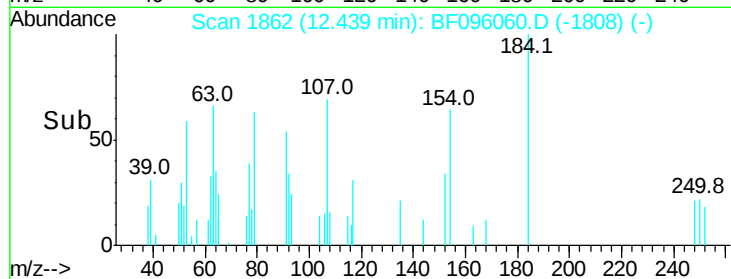
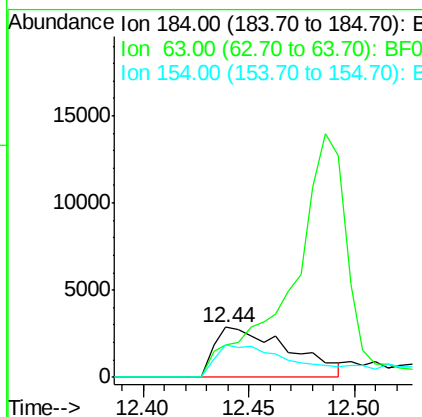
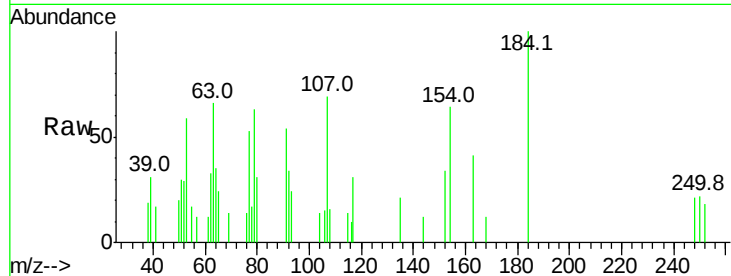
#53
2,4-Dinitrophenol
Concen: 12.56 ng
RT: 12.44 min Scan# 1862
Delta R.T. 0.02 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.6	62.7	94.1
154	64.2	81.1	121.7

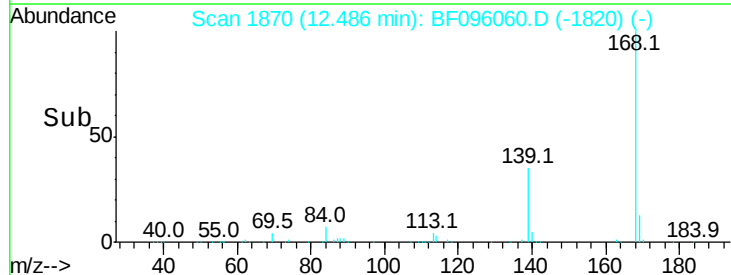
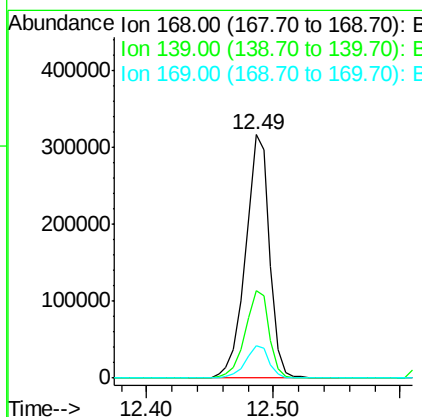
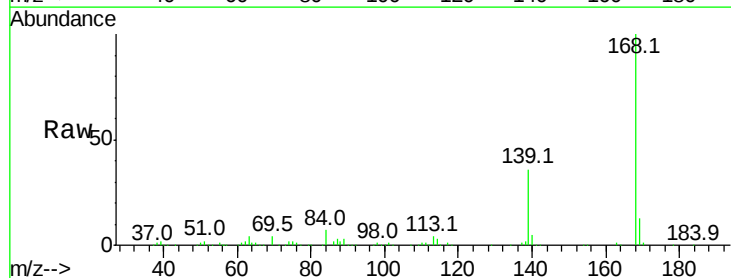
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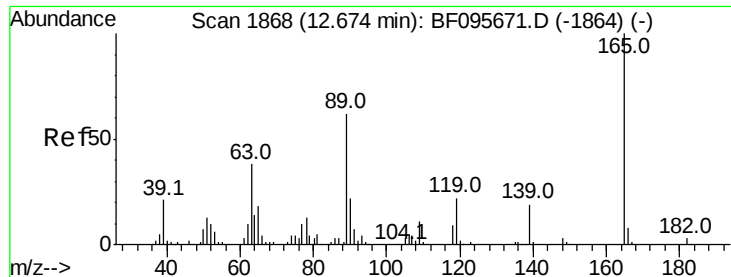
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#54
Dibenzofuran
Concen: 40.54 ng
RT: 12.49 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.6	45.8
169	13.3	10.8	16.2





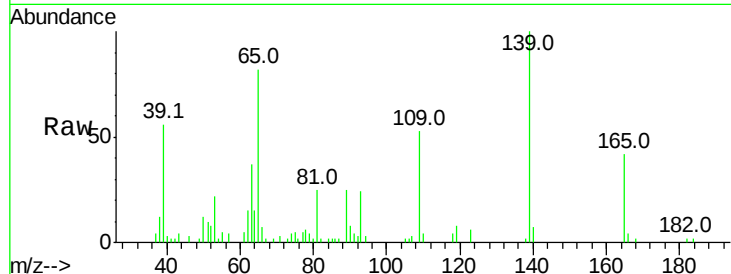
#55
4-Nitrophenol
Concen: 64.85 ng
RT: 12.62 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

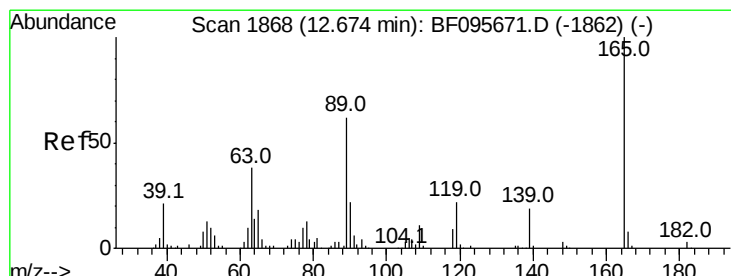
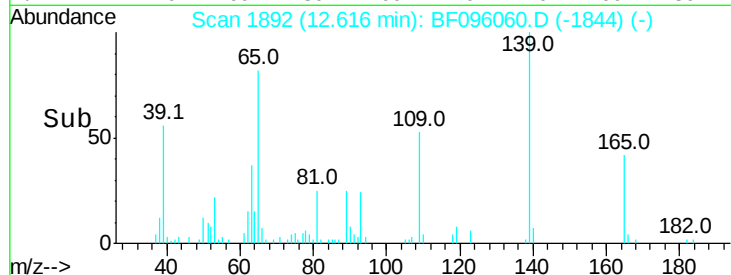
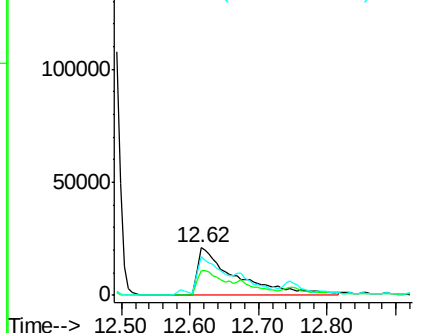
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.3	34.1	74.1	
65	82.1	31.4	71.4	

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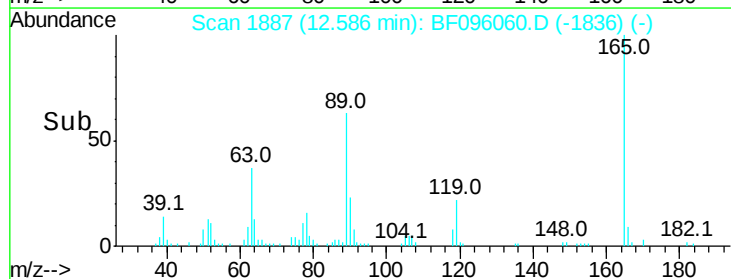
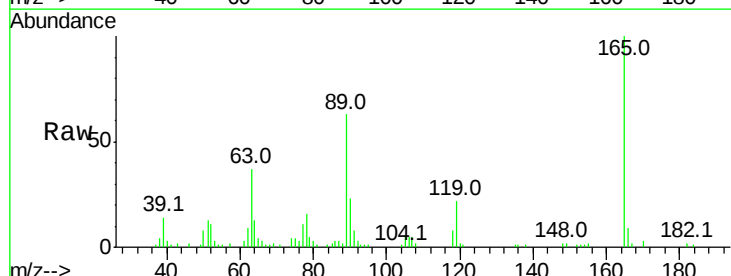
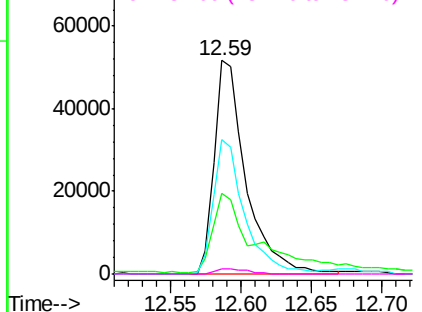
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

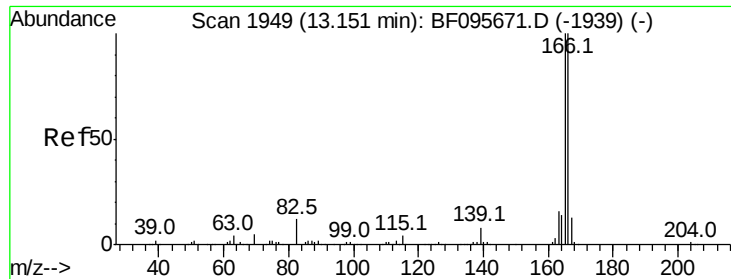


#56
2,4-Dinitrotoluene
Concen: 31.77 ng
RT: 12.59 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.5	25.4	38.0	
89	63.1	46.4	69.6	
182	2.5	1.8	2.6	

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





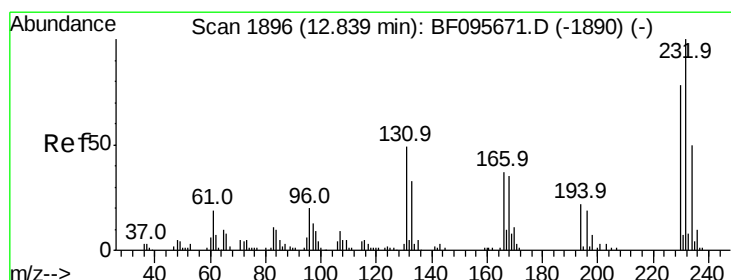
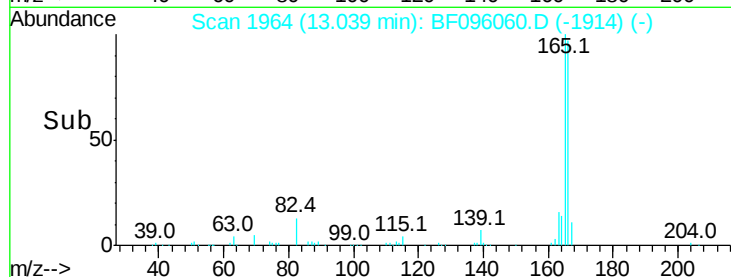
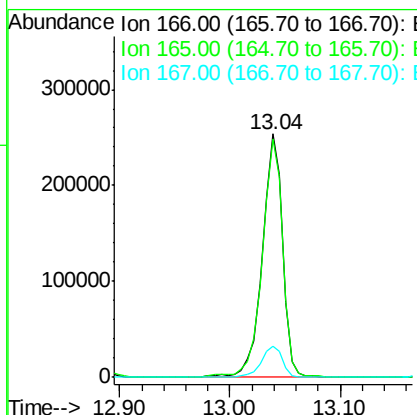
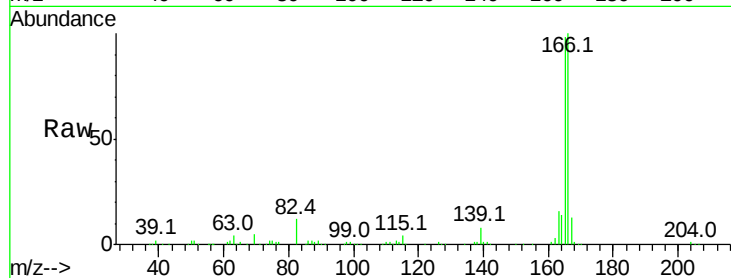
#57
 Fluorene
 Concen: 36.94 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	78.8	118.2	
167	12.6	10.6	16.0	

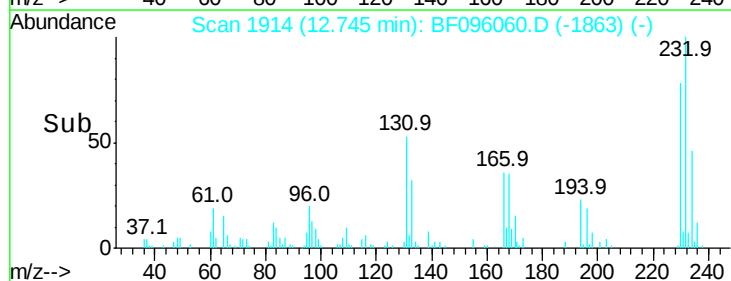
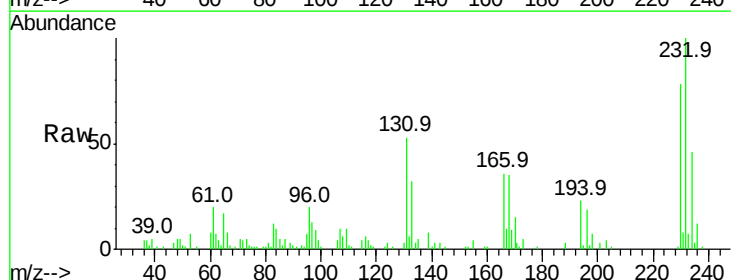
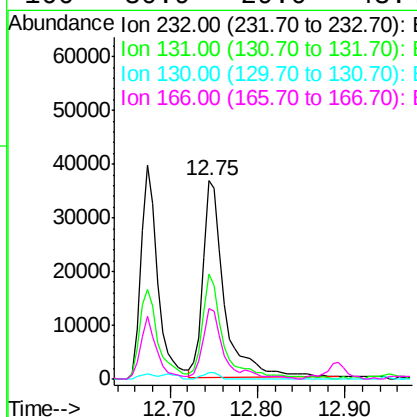
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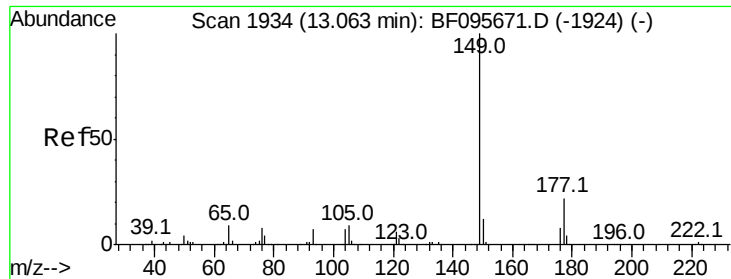
mohammad
 6/21/2017 2:17:06 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.65 ng
 RT: 12.75 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.0	44.8	67.2	
130	2.4	2.3	3.5	
166	30.9	29.0	43.4	





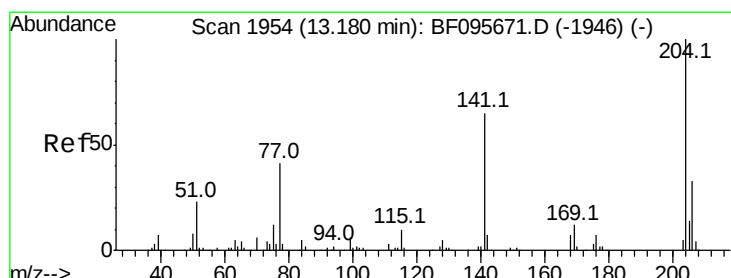
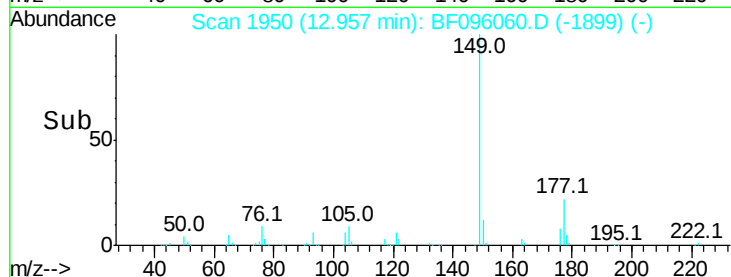
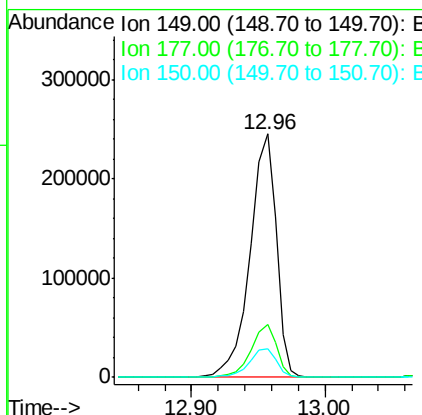
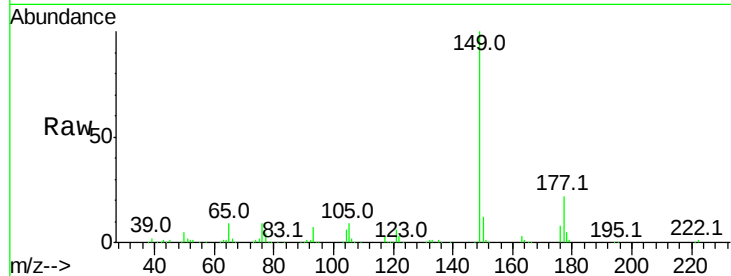
#59
Diethylphthalate
Concen: 39.78 ng
RT: 12.96 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	331563		
177	21.5	16.7	25.1	
150	11.9	10.2	15.2	

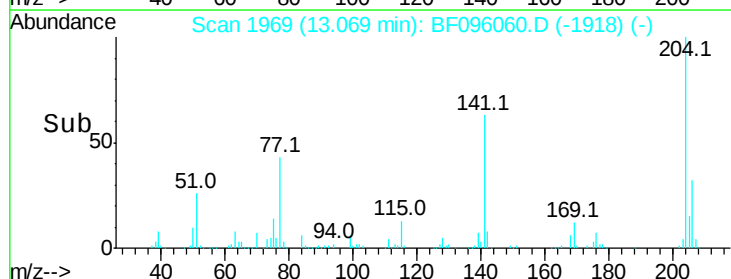
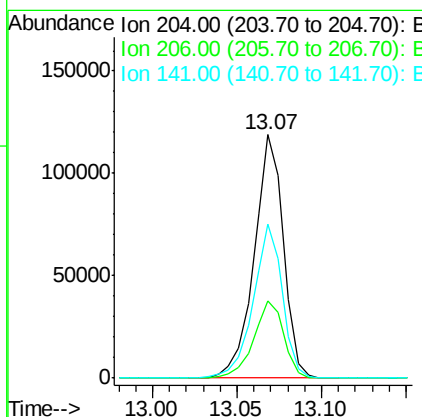
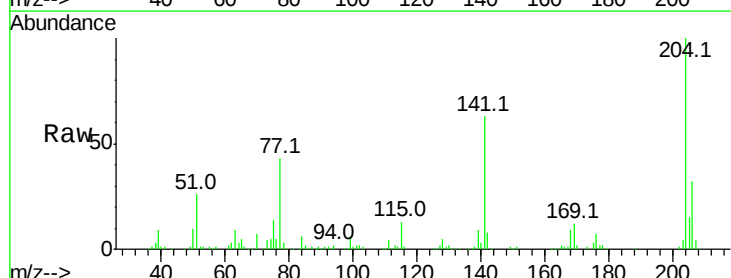
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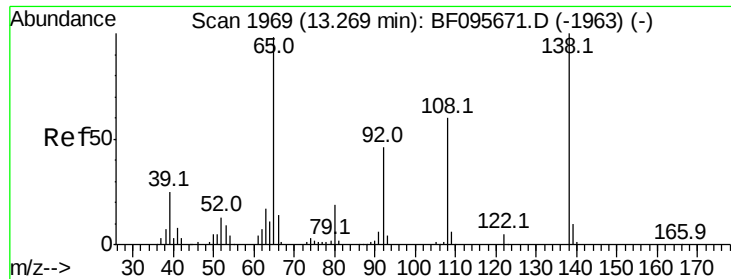
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 36.97 ng
RT: 13.07 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	142838		
206	31.7	26.2	39.2	
141	63.4	60.8	91.2	





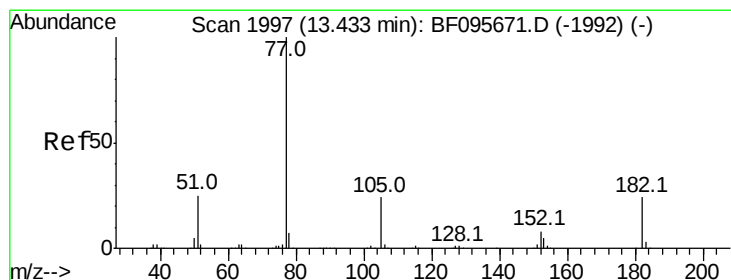
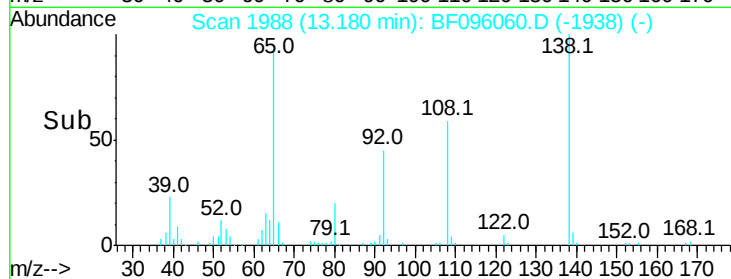
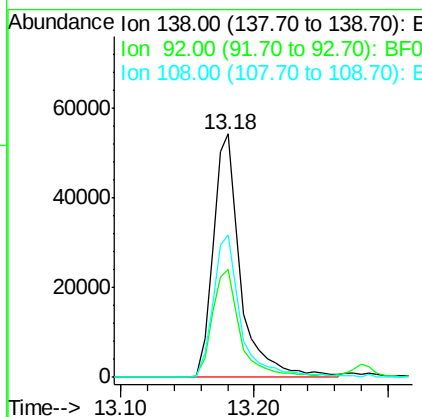
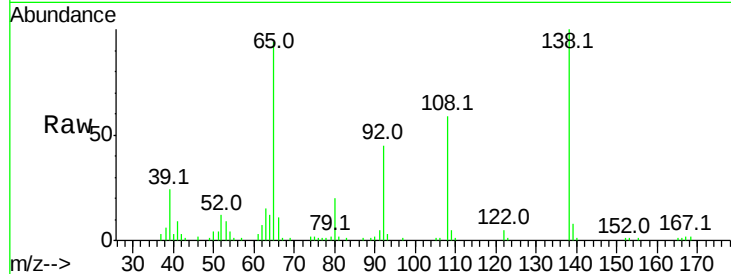
#61
4-Nitroaniline
Concen: 37.96 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion:	138	Resp:	77997
Ion Ratio	Lower	Upper	
138	100		
92	44.6	21.8	61.8
108	58.6	42.3	82.3

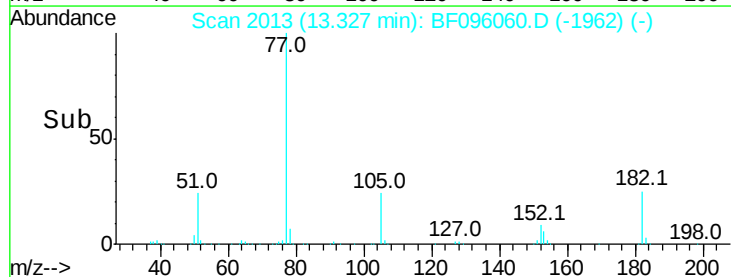
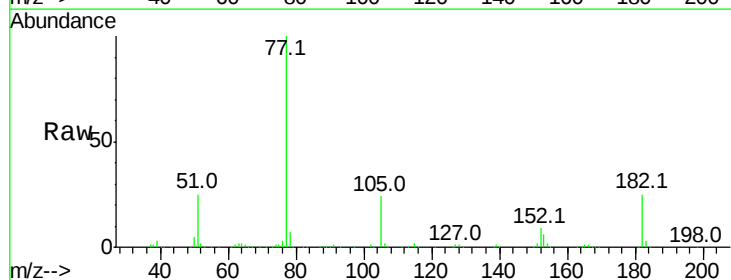
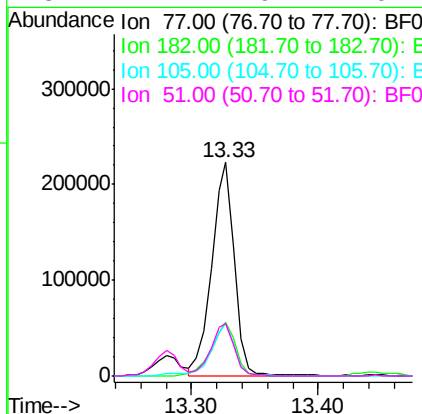
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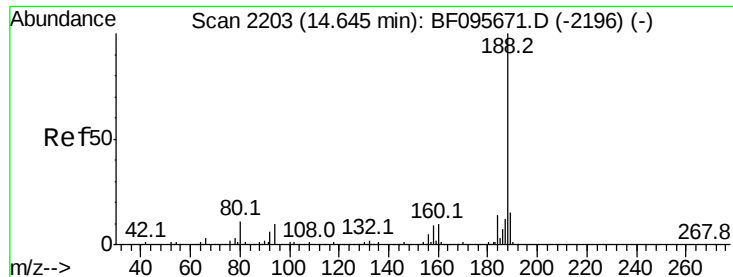
mohammad
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#62
Azobenzene
Concen: 36.81 ng
RT: 13.33 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion:	77	Resp:	278061
Ion Ratio	Lower	Upper	
77	100		
182	25.4	0.1	40.1
105	24.4	3.6	43.6
51	24.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.54 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

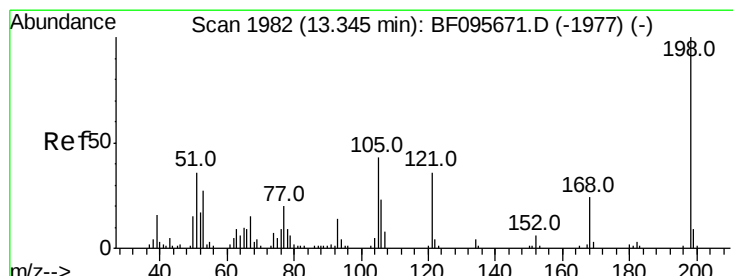
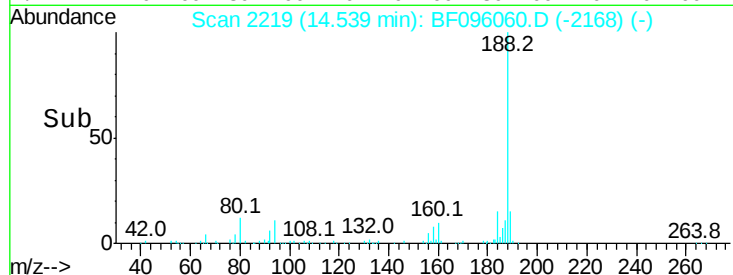
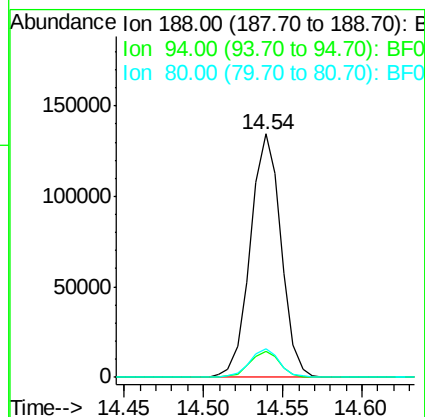
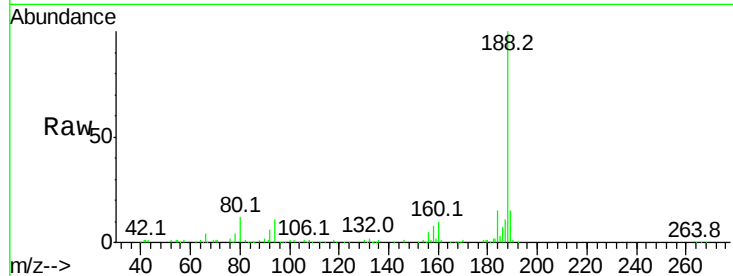
ClientSampleId :

TK4-1-20170619MS

Tot Ion:	188	Resp:	180987
Ion Ratio	Lower	Upper	
188	100		
94	10.7	9.4	14.2
80	11.8	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 7.00 ng

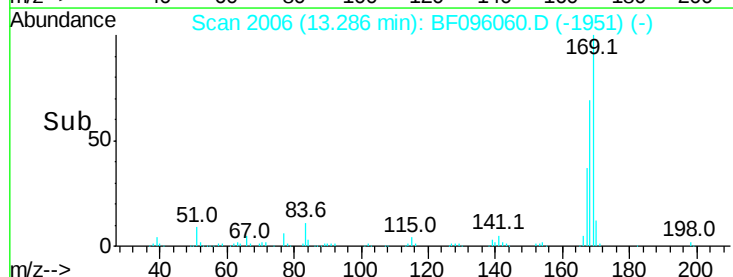
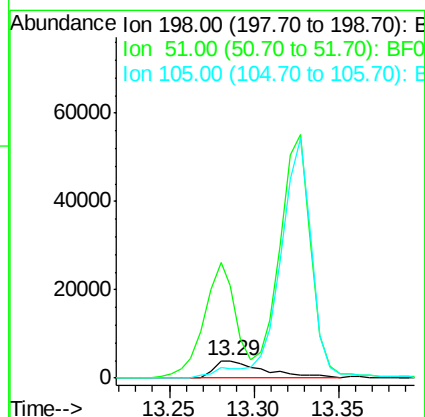
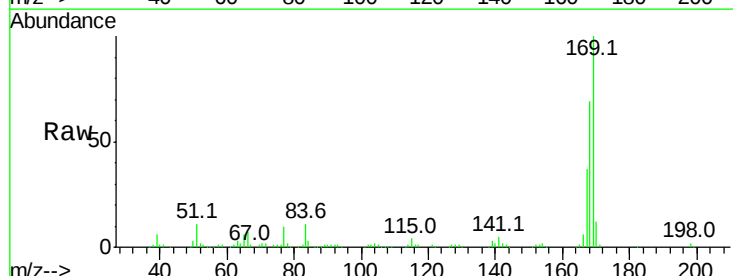
RT: 13.29 min Scan# 2006

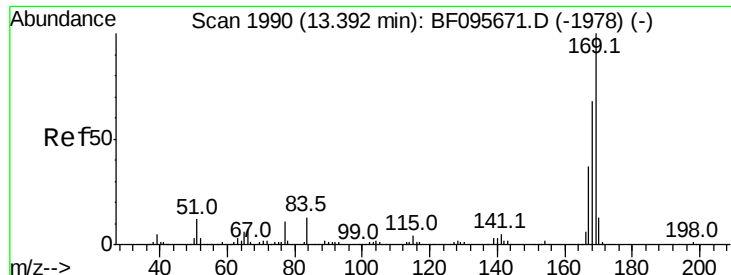
Delta R.T. 0.02 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	198	Resp:	8326
Ion Ratio	Lower	Upper	
198	100		
51	537.0	53.2	93.2#
105	56.0	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 41.31 ng

RT: 13.28 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

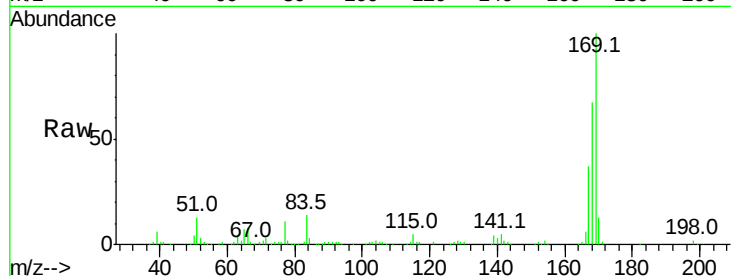
ClientSampleId :

TK4-1-20170619MS

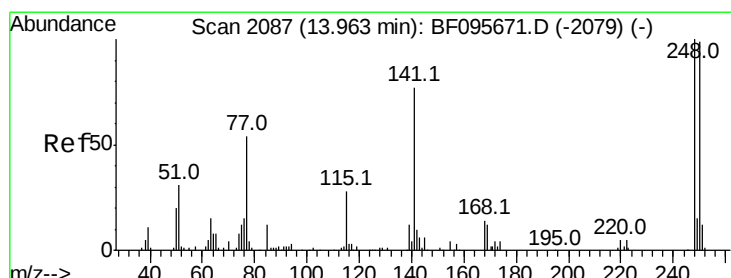
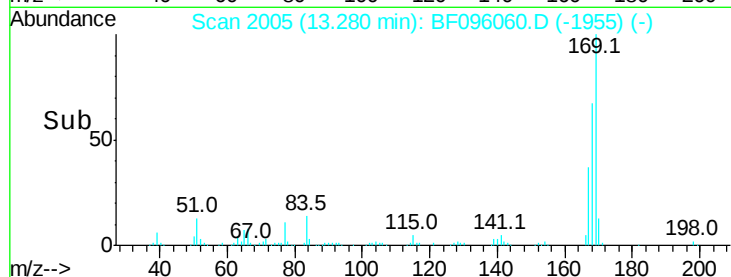
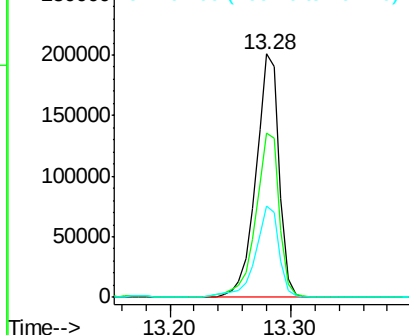
Tot Ion:	169	Resp:	268630
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.2	79.8
167	37.3	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 41.27 ng

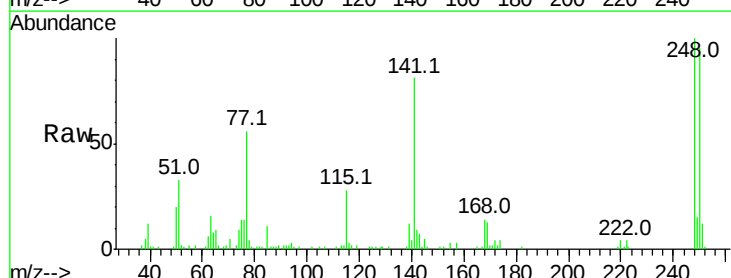
RT: 13.85 min Scan# 2102

Delta R.T. 0.00 min

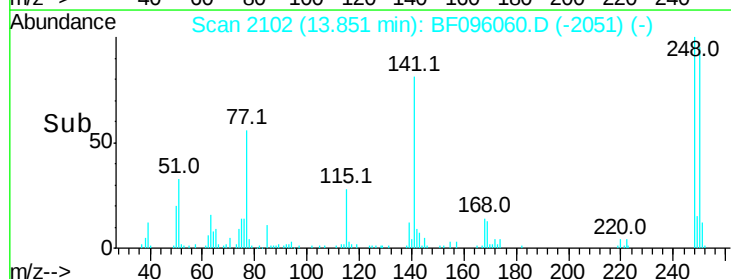
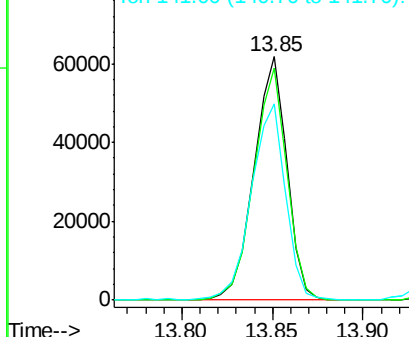
Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	248	Resp:	77627
Ion Ratio	Lower	Upper	
248	100		
250	95.3	76.8	115.2
141	80.8	68.6	103.0



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





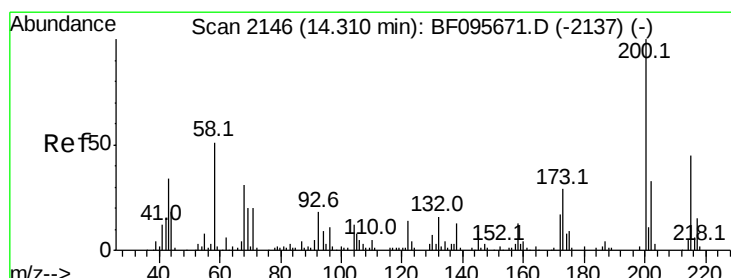
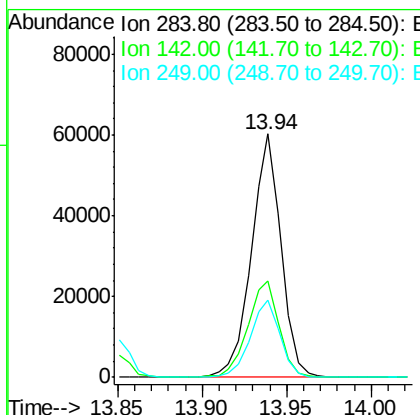
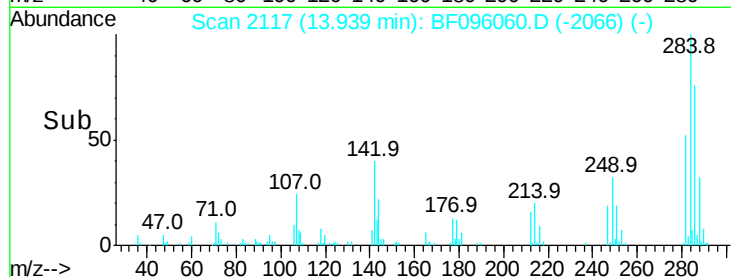
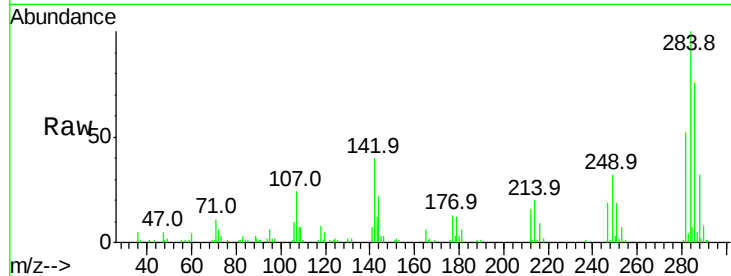
#67
Hexachlorobenzene
Concen: 39.54 ng
RT: 13.94 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.5	22.8	34.2#	
249	31.9	24.0	36.0	

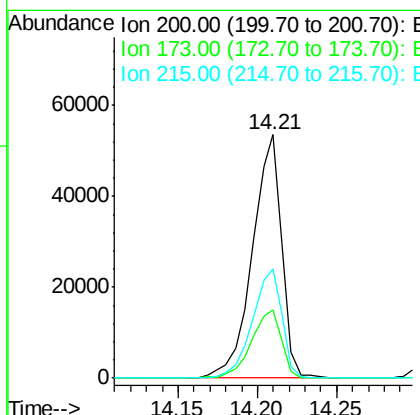
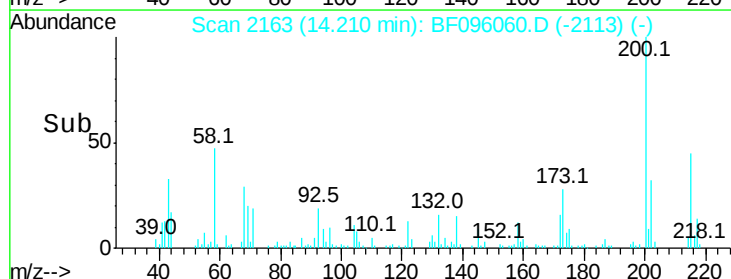
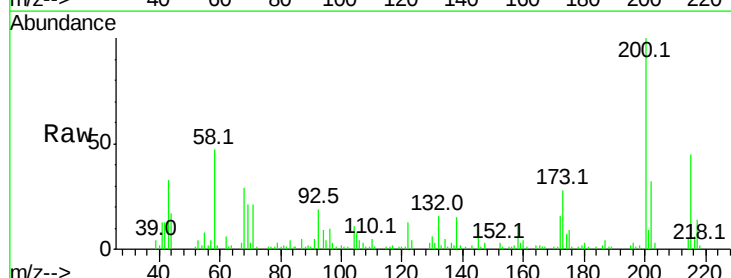
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#68
Atrazine
Concen: 37.94 ng
RT: 14.21 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.0	6.3	46.3	
215	44.9	27.2	67.2	





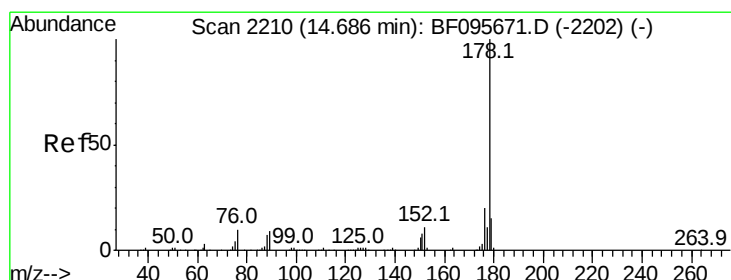
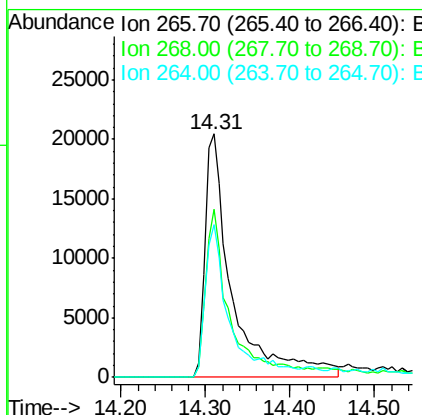
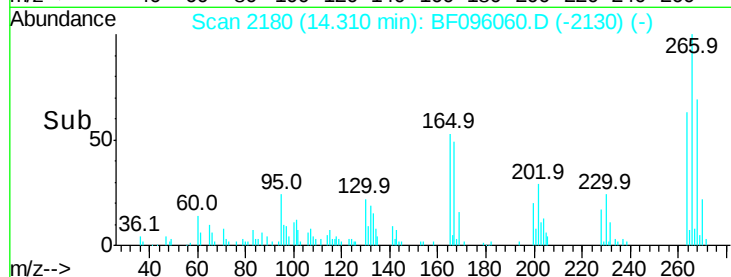
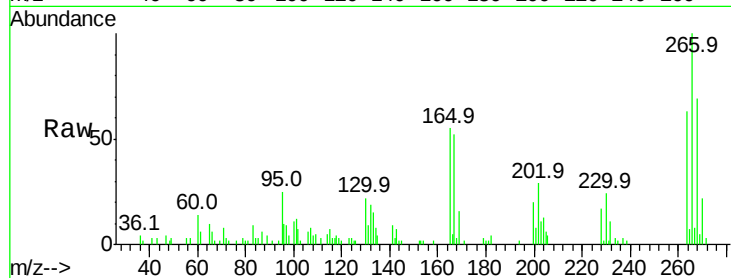
#69
 Pentachlorophenol
 Concen: 66.83 ng
 RT: 14.31 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.3	51.1	76.7
264	62.9	51.7	77.5

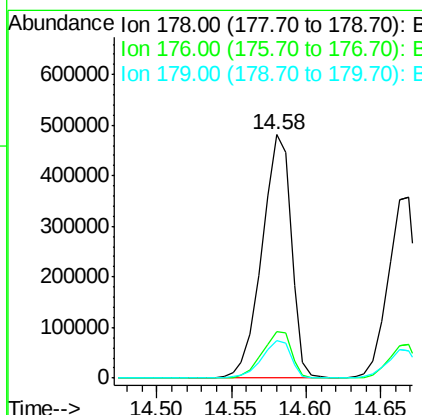
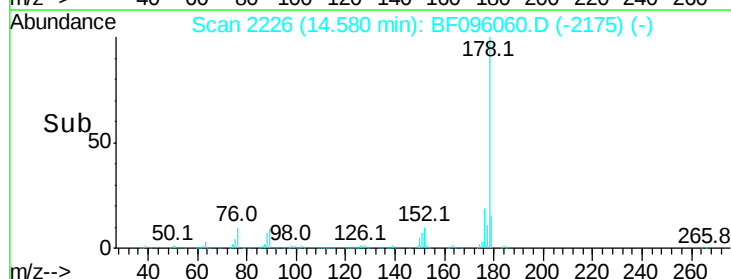
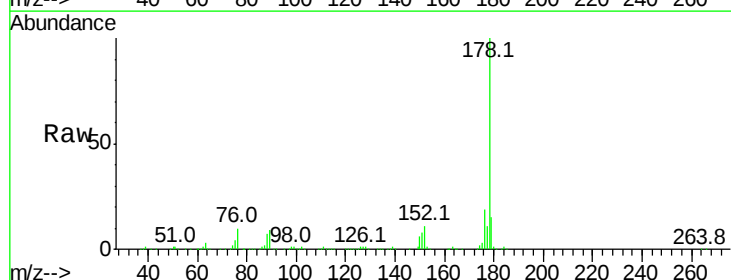
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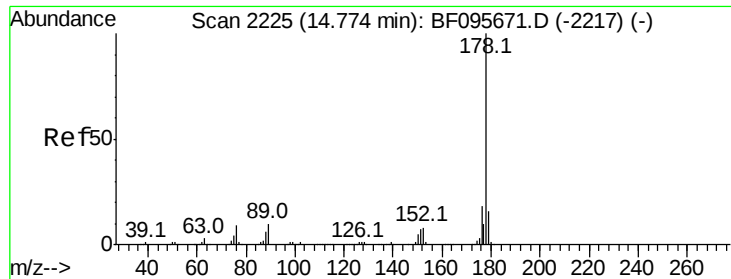
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#70
 Phenanthrene
 Concen: 62.45 ng
 RT: 14.58 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

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





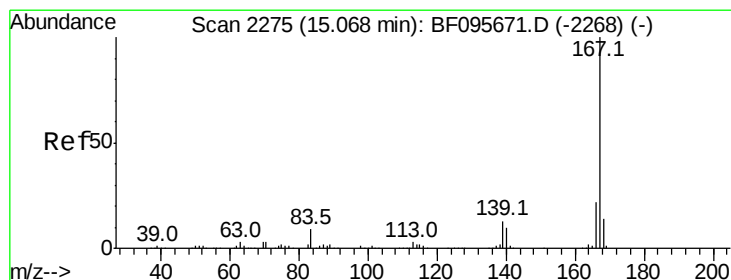
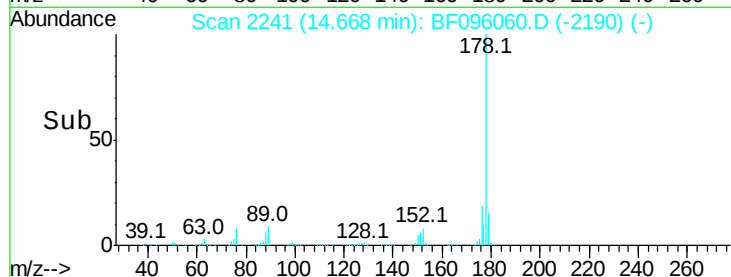
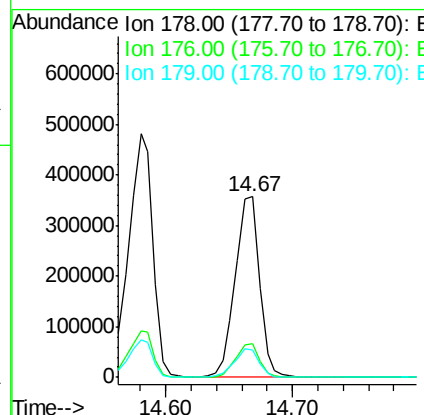
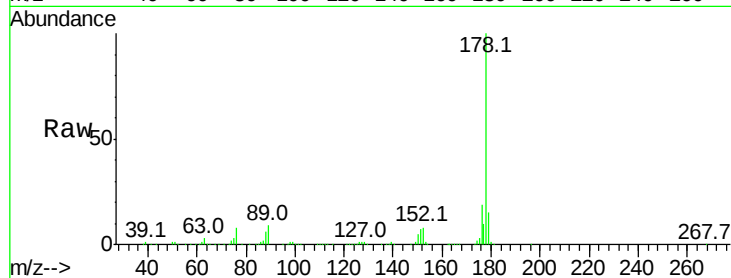
#71
 Anthracene
 Concen: 43.58 ng
 RT: 14.67 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.1	12.7	19.1

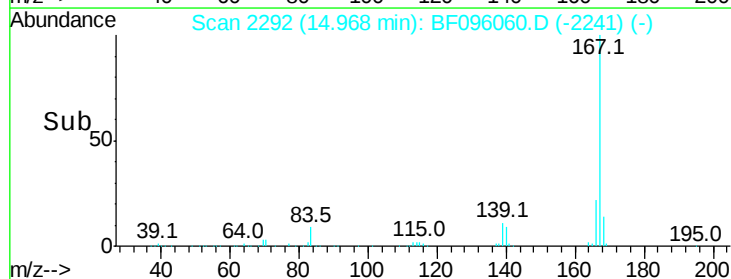
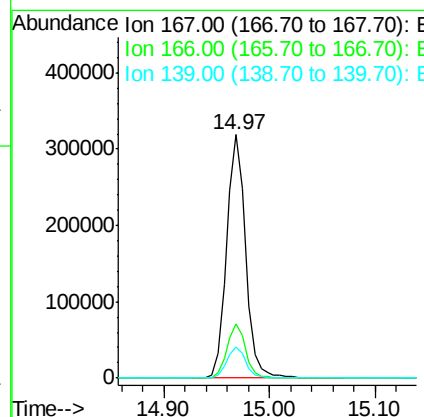
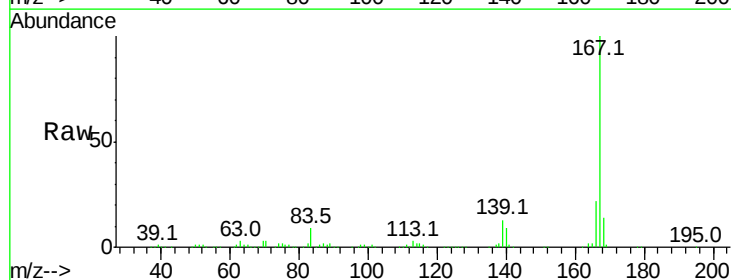
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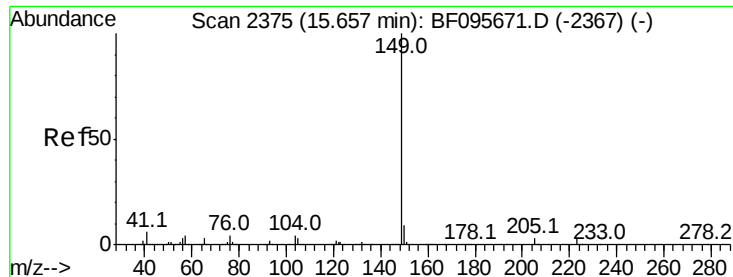
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#72
 Carbazole
 Concen: 37.73 ng
 RT: 14.97 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	12.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.70 ng

RT: 15.56 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

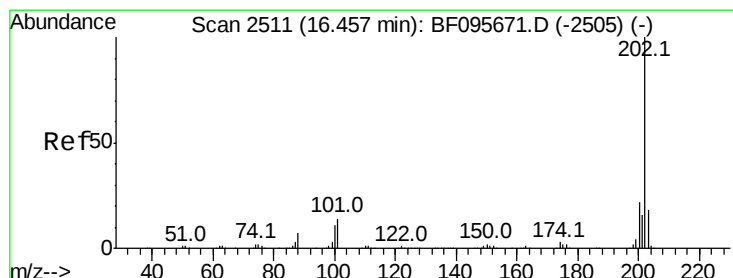
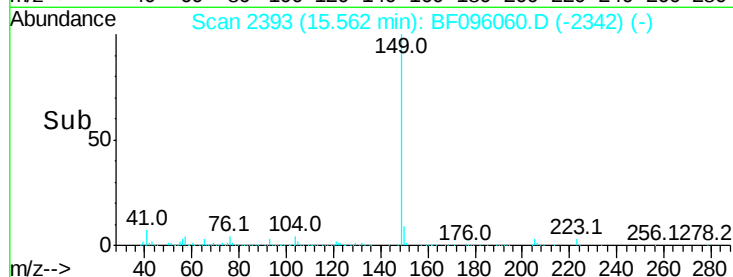
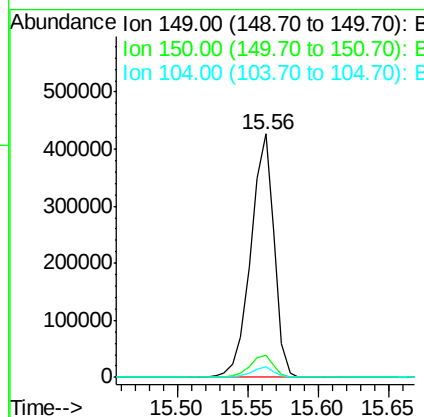
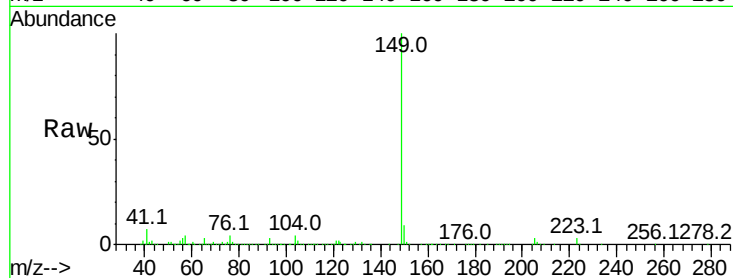
ClientSampleId :

TK4-1-20170619MS

Tot Ion:	149	Resp:	493907
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 71.25 ng

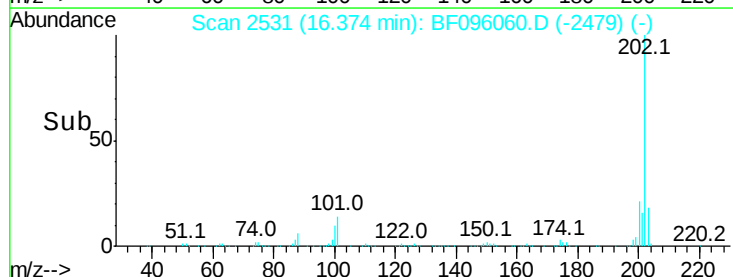
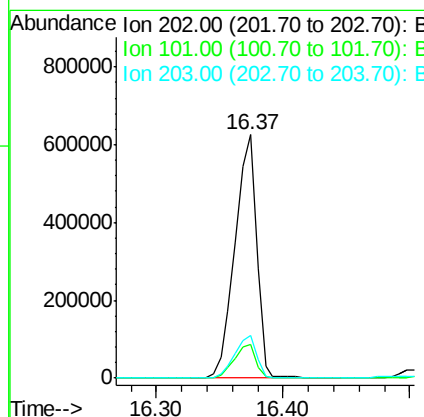
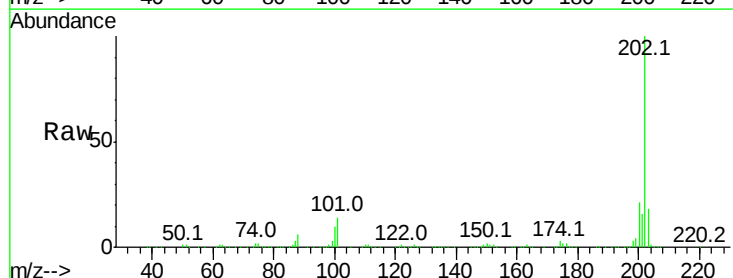
RT: 16.37 min Scan# 2531

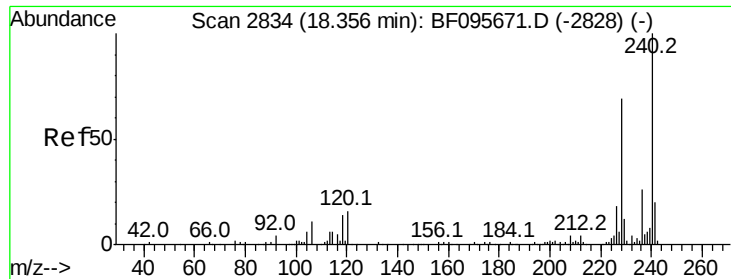
Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	202	Resp:	736426
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

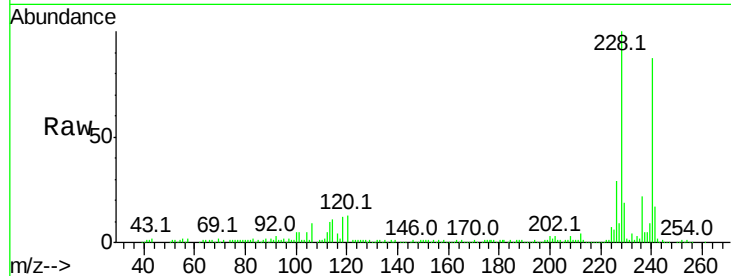
ClientSampleId :

TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.5	20.5	30.7

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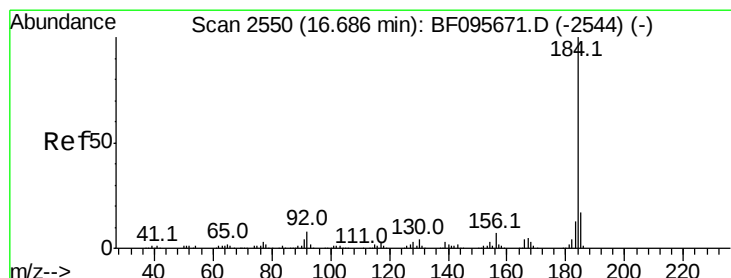
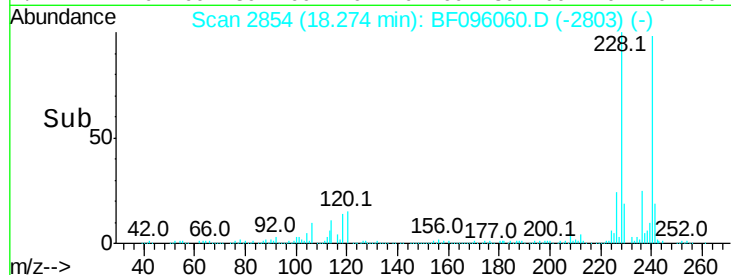
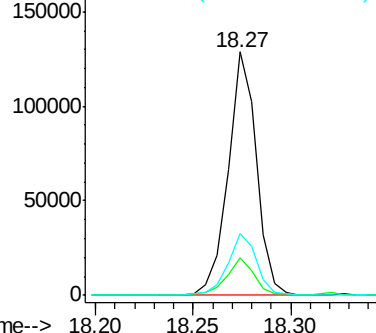
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.78 ng

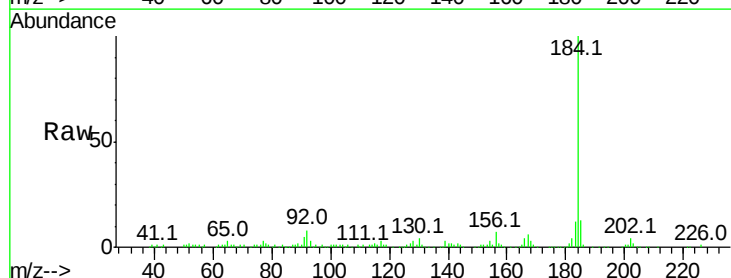
RT: 16.60 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

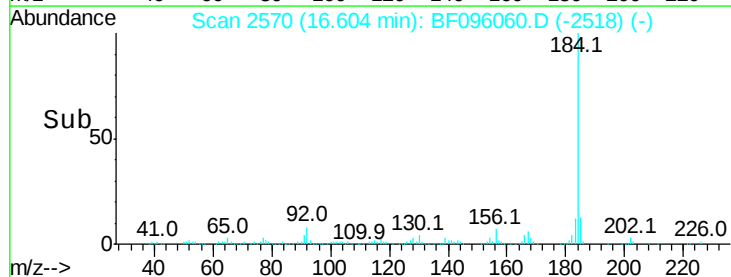
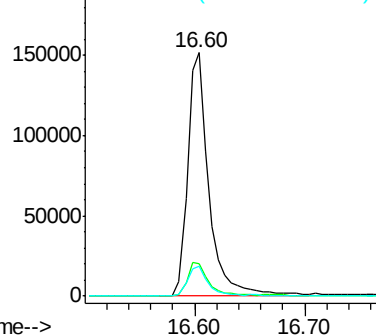
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	15.5	23.3#
183	12.4	9.8	14.6

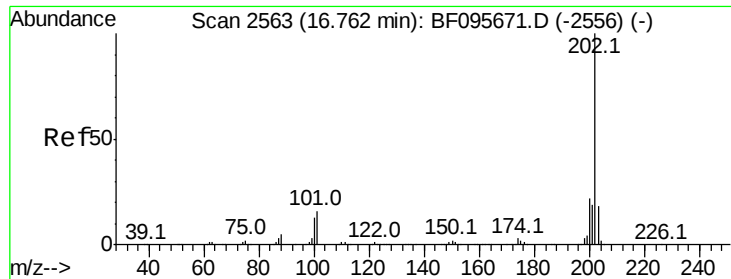


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 75.93 ng

RT: 16.67 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

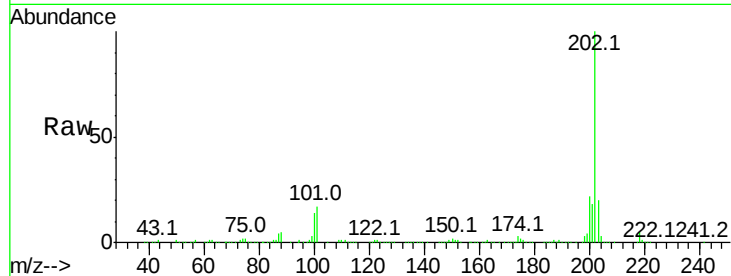
ClientSampleId :

TK4-1-20170619MS

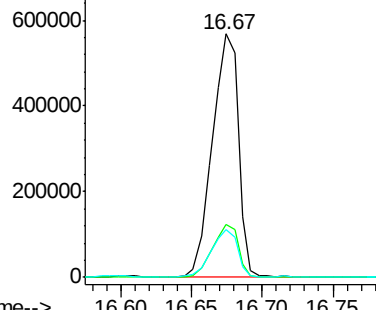
Tot Ion:	202	Resp:	732983
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	19.7	14.4	21.6

Manual Integrations
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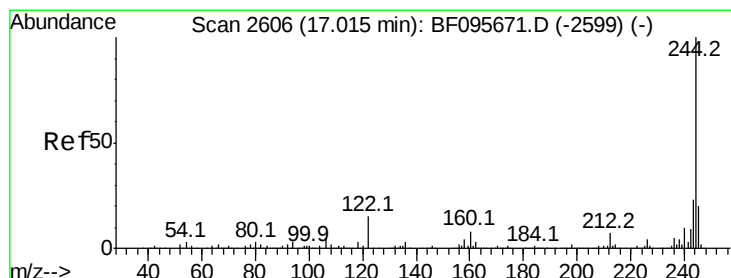
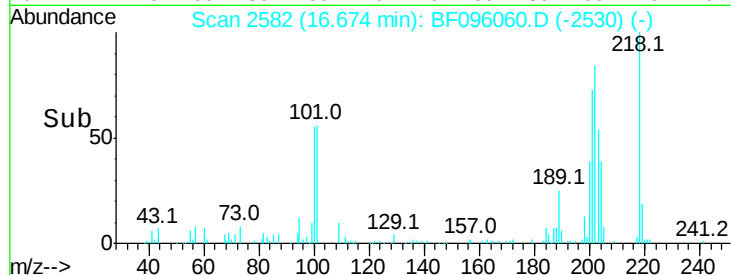
mohammad
6/21/2017 2:17:06 PM



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



Time-->



#78

Terphenyl-d14

Concen: 72.53 ng

RT: 16.93 min Scan# 2625

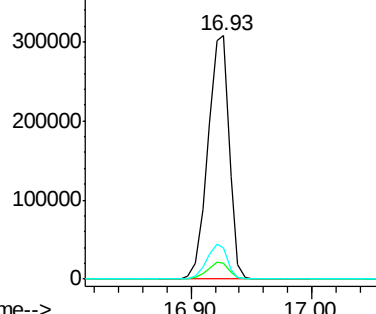
Delta R.T. 0.00 min

Lab File: BF096060.D

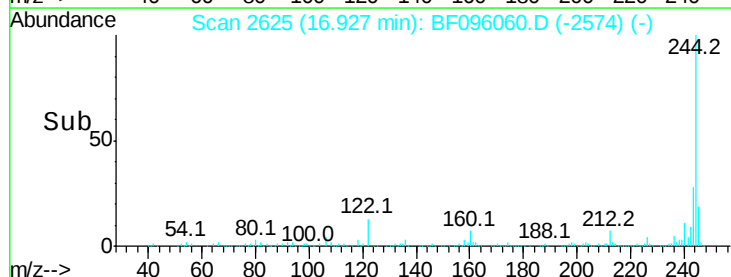
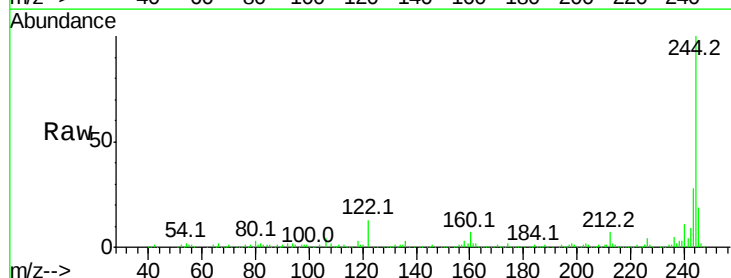
Acq: 20 Jun 2017 23:28

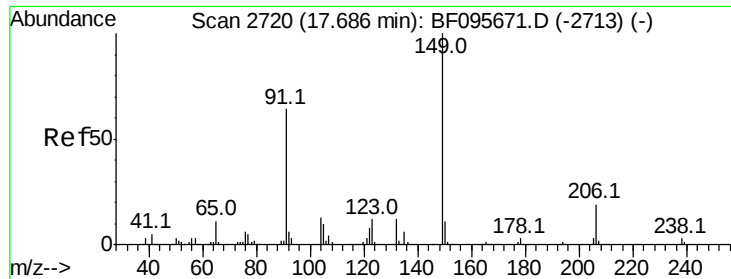
Tgt Ion:	244	Resp:	378122
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	12.8	10.3	15.5

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



Time-->





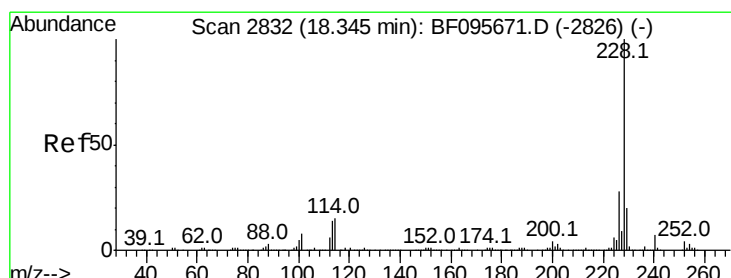
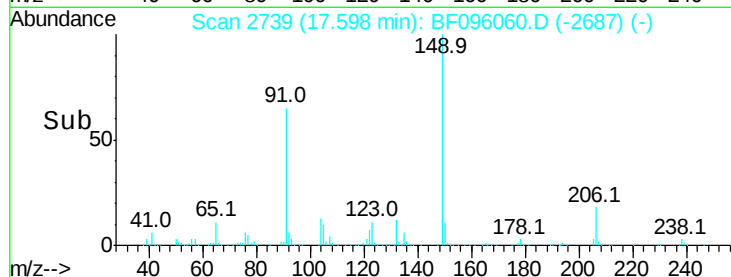
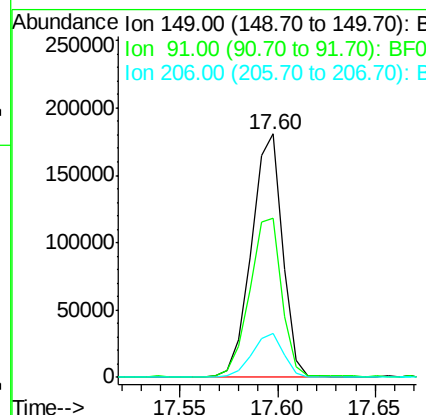
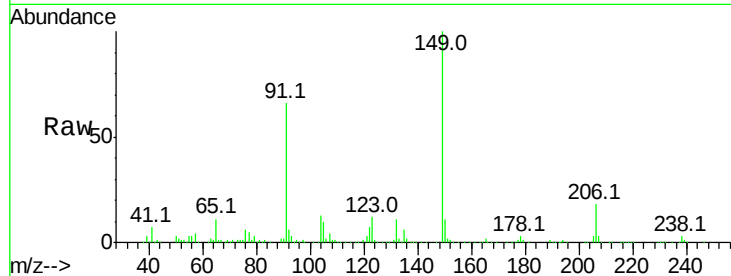
#79
Butylbenzylphthalate
Concen: 46.75 ng
RT: 17.60 min Scan# 2739
Delta R.T. 0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		197092		
91	65.6	45.0		67.4	
206	18.0	17.0		25.6	

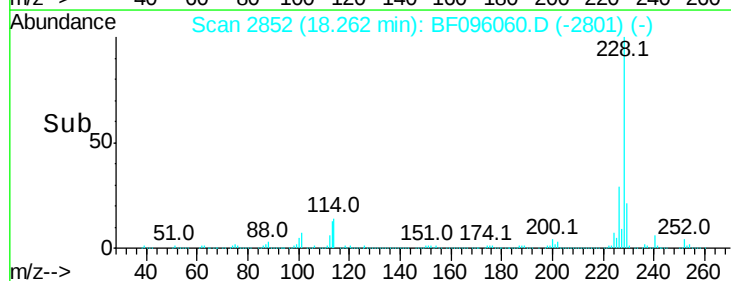
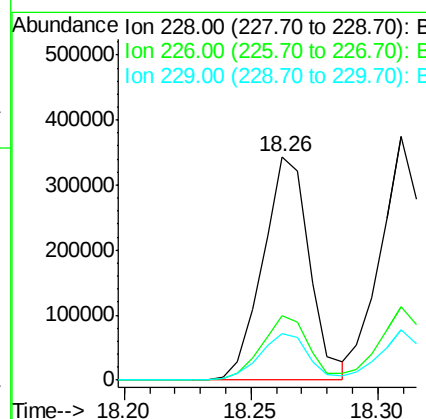
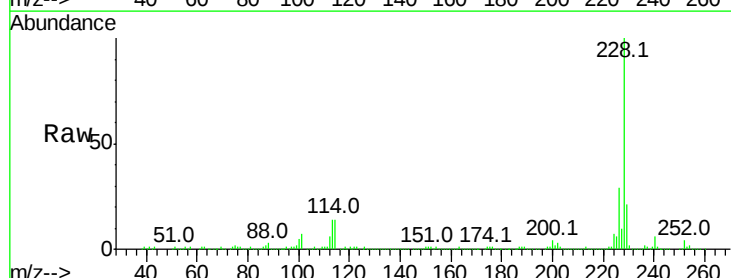
Manual Integrations
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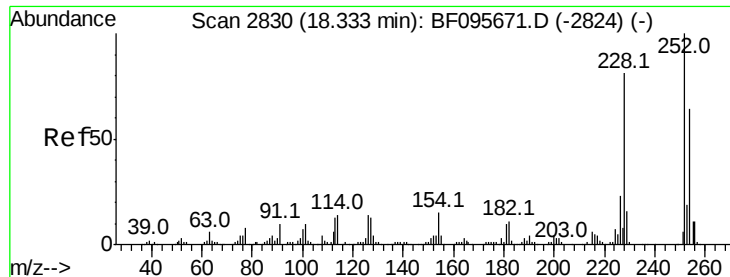
mohammad
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#80
Benzo(a)anthracene
Concen: 58.11 ng
RT: 18.26 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		437117		
226	29.0	22.6		33.8	
229	20.9	16.3		24.5	





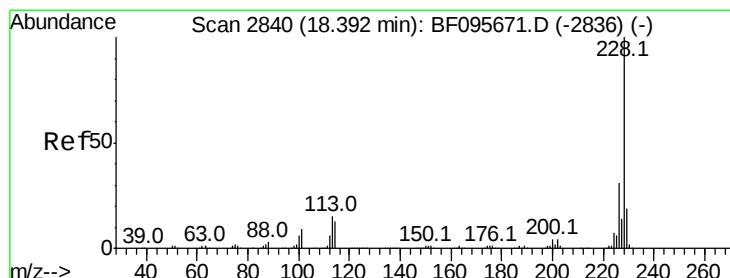
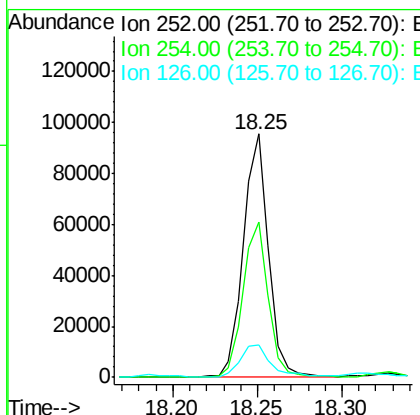
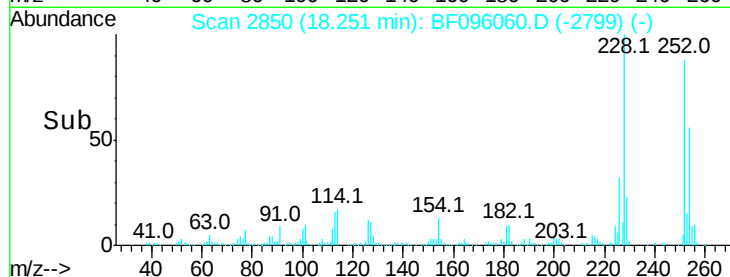
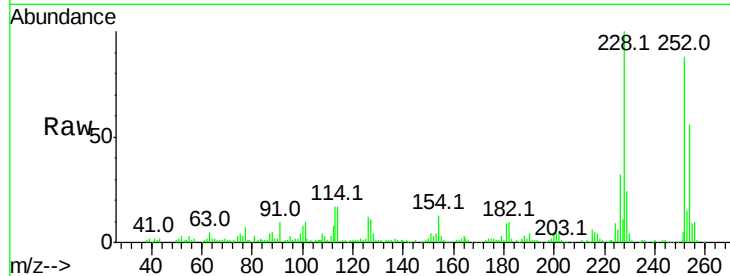
#81
 3,3'-Dichlorobenzidine
 Concen: 37.20 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	13.4	15.8	23.8

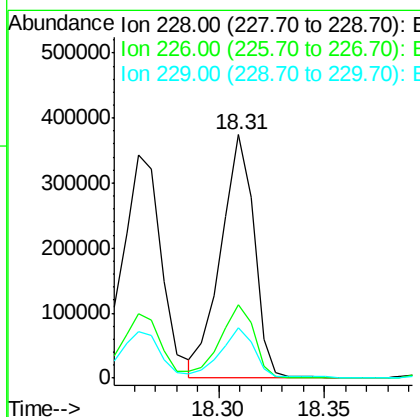
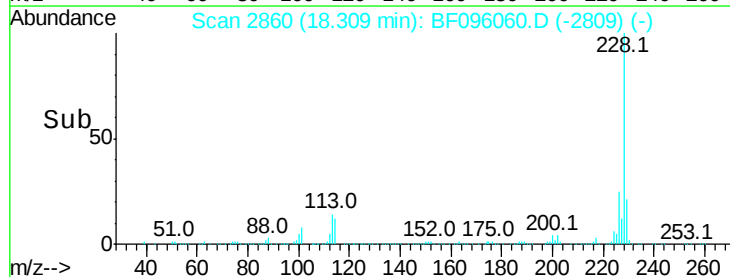
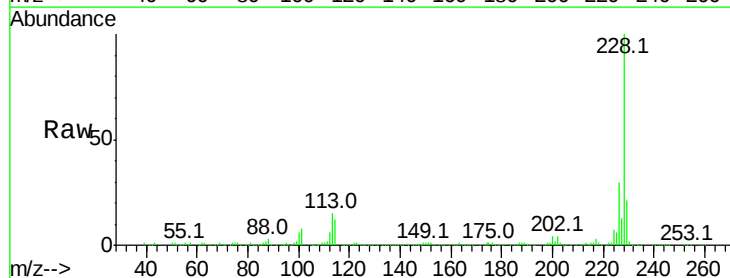
Manual Integrations
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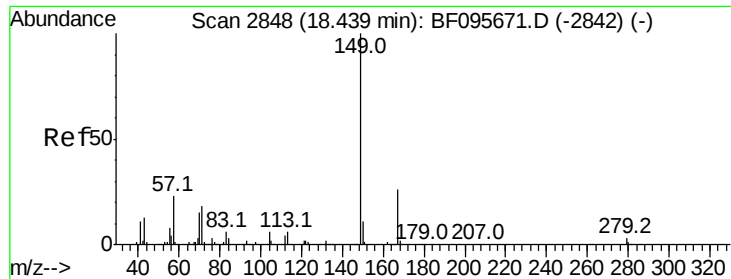
mohammad
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#82
 Chrysene
 Concen: 53.92 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.7	15.8	23.6





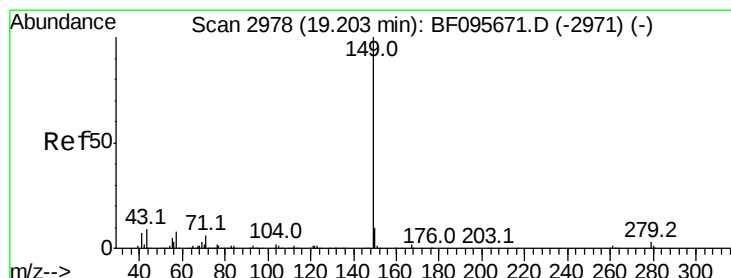
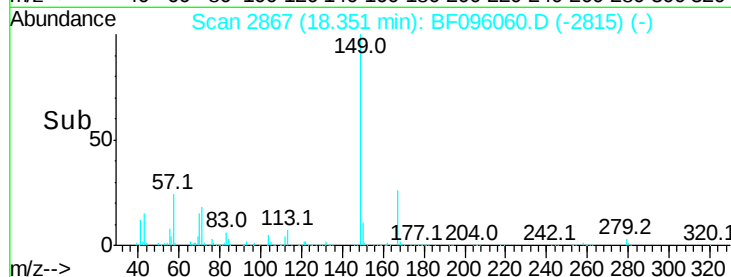
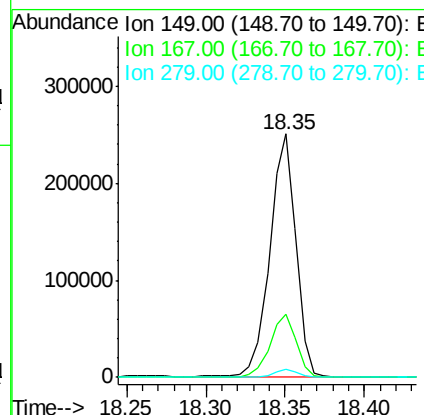
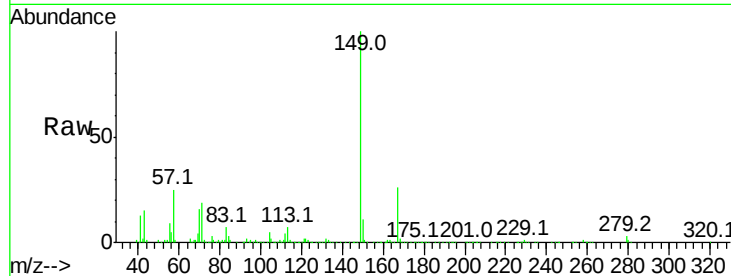
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.31 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	287277		
167	26.0	21.0	31.4	
279	3.1	1.9	2.9#	

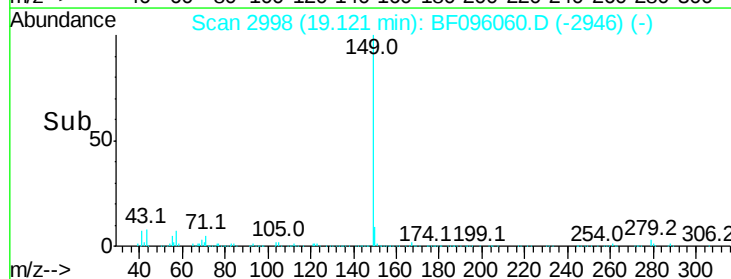
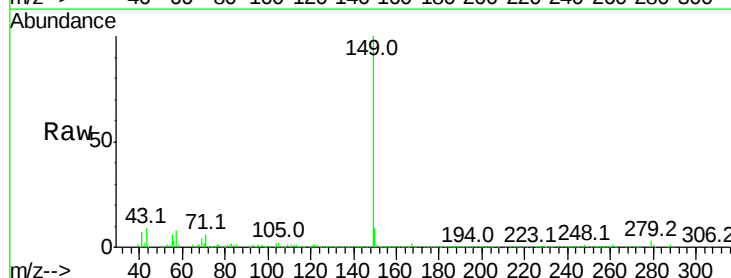
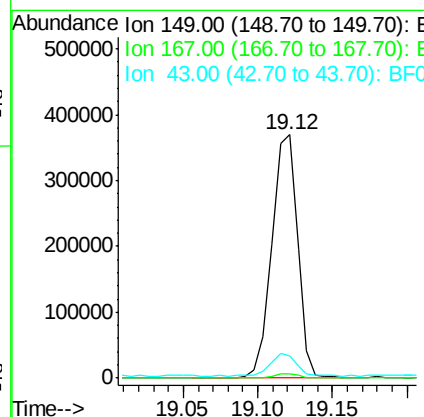
Manual Integrations
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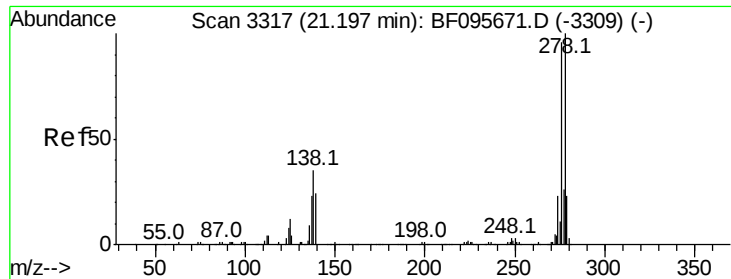
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 44.73 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. 0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	438302		
167	1.6	1.2	1.8	
43	9.3	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.63 ng

RT: 21.11 min Scan# 3336

Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Instrument :

BNA_F

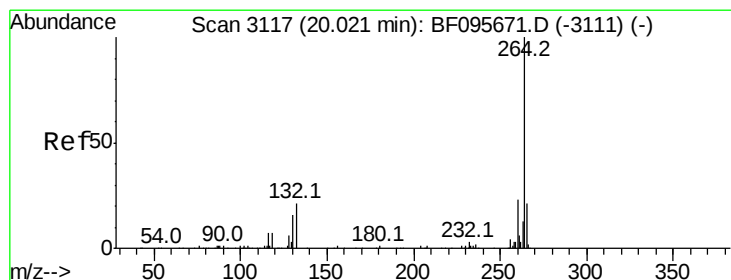
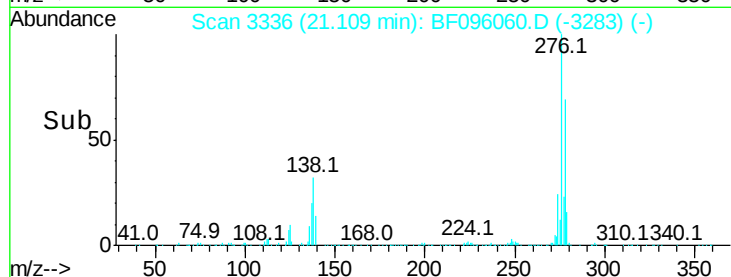
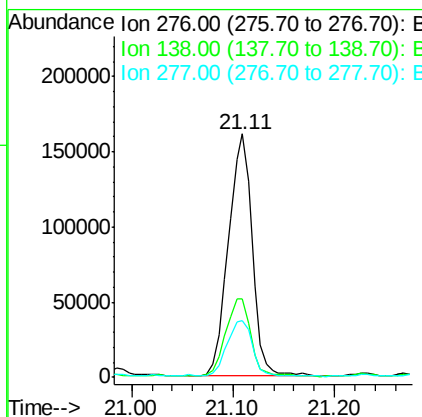
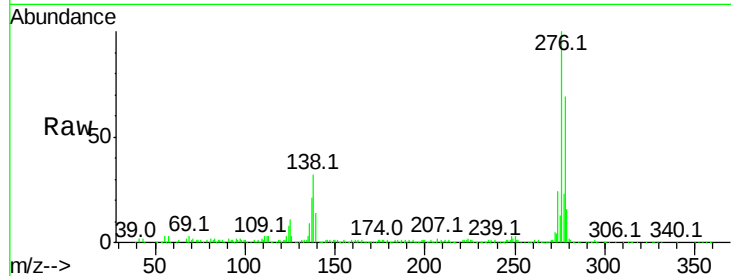
ClientSampleId :

TK4-1-20170619MS

Tot Ion:	276	Resp:	261293
Ion Ratio	Lower	Upper	
276	100		
138	34.1	27.8	41.6
277	24.3	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

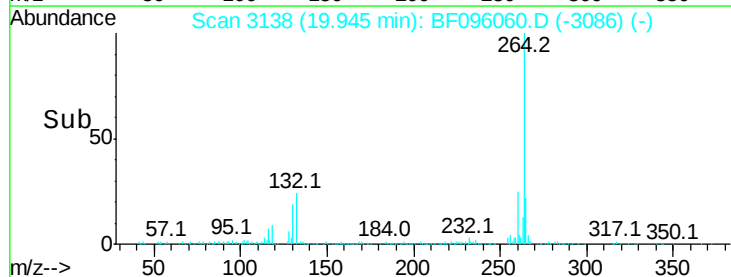
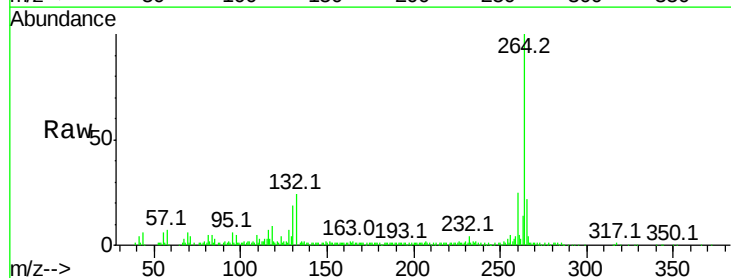
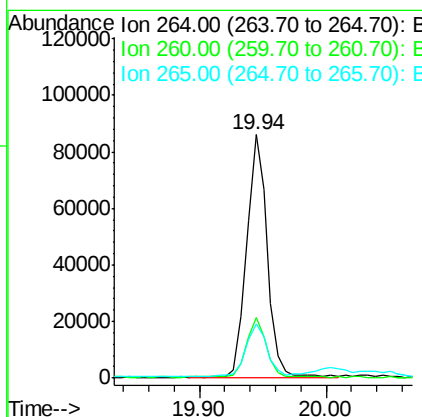
RT: 19.94 min Scan# 3138

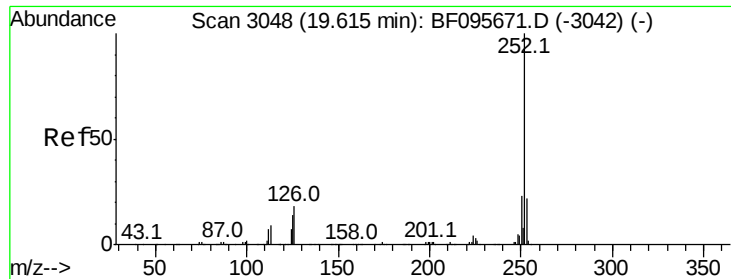
Delta R.T. 0.01 min

Lab File: BF096060.D

Acq: 20 Jun 2017 23:28

Tgt Ion:	264	Resp:	98169
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	22.4	17.2	25.8





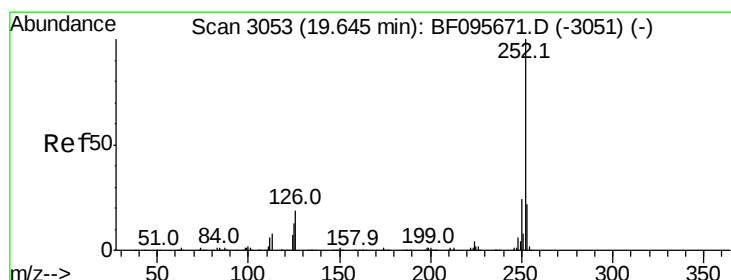
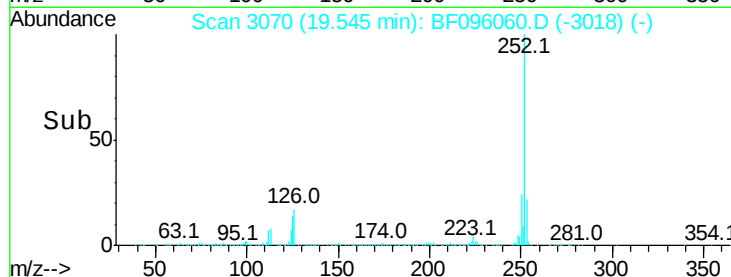
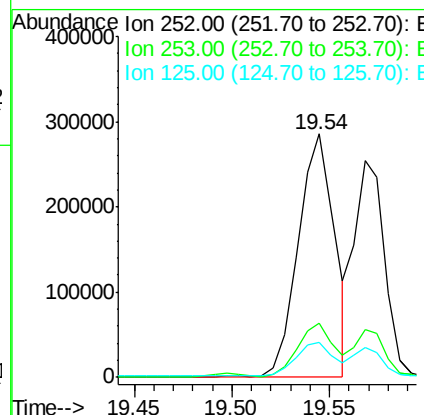
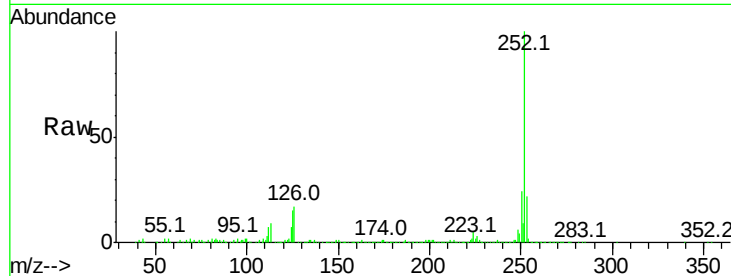
#87
Benzo(b)fluoranthene
Concen: 59.84 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.5	9.8	14.8

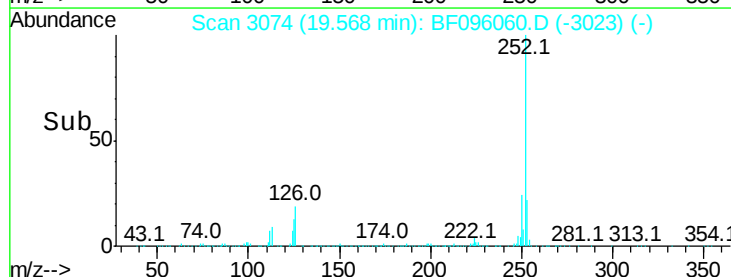
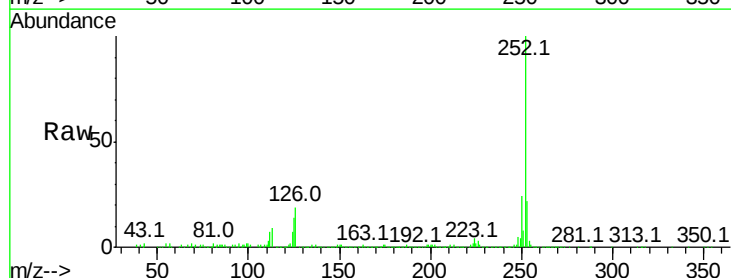
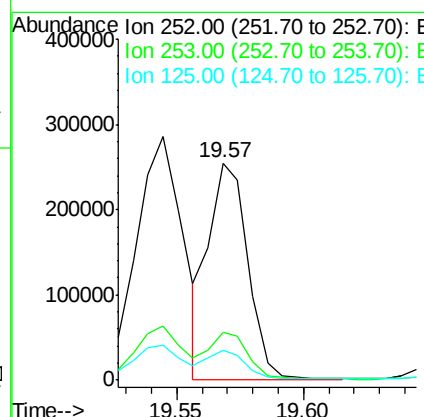
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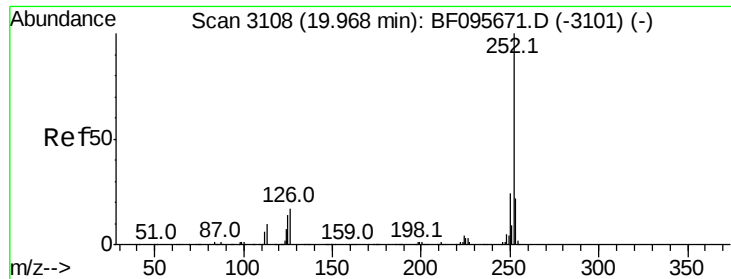
mohammad
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#88
Benzo(k)fluoranthene
Concen: 46.34 ng
RT: 19.57 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.7	13.1	19.7





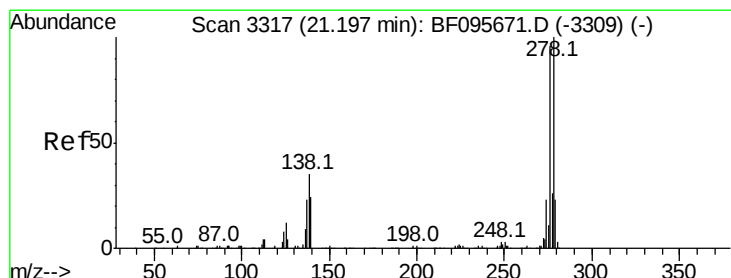
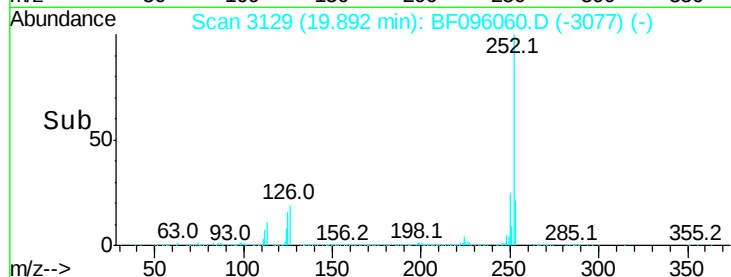
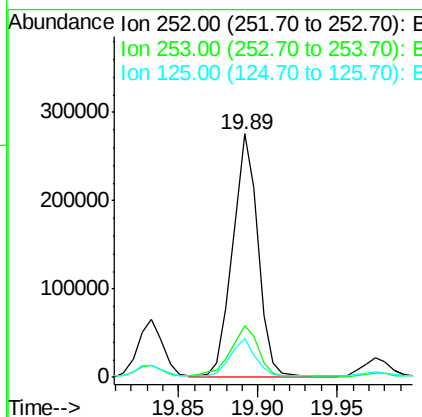
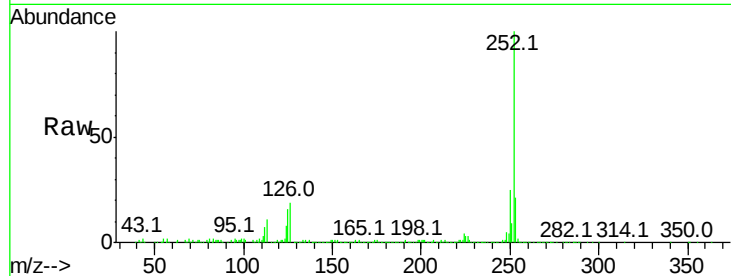
#89
Benzo(a)pyrene
Concen: 53.71 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	15.7	11.0	16.4

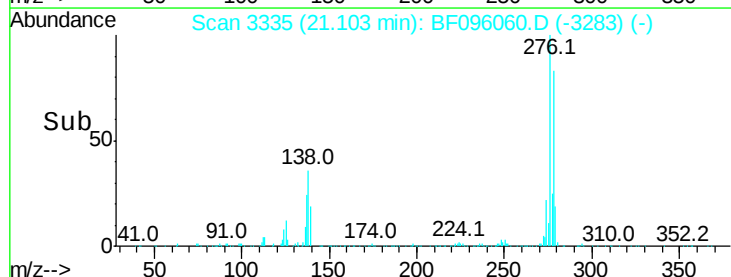
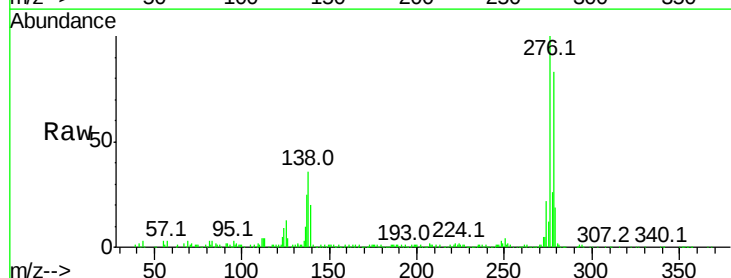
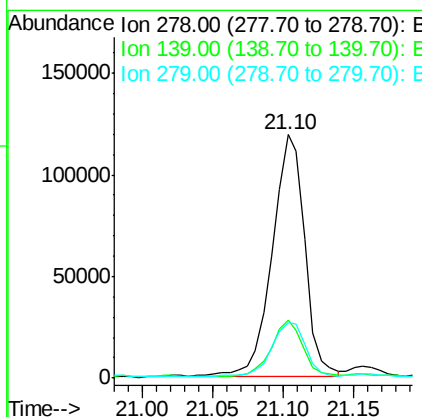
Manual Integrations
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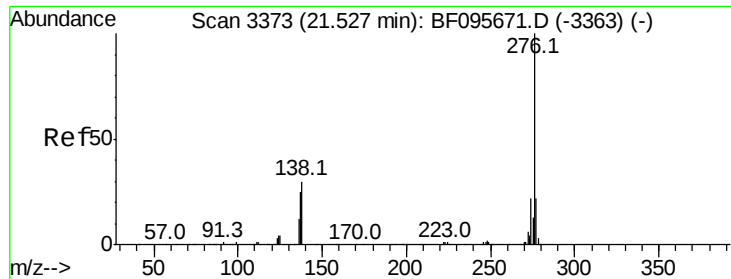
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.62 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096060.D
Acq: 20 Jun 2017 23:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.16 ng
 RT: 21.43 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: BF096060.D
 Acq: 20 Jun 2017 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TK4-1-20170619MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	28.2	25.4	38.0

Manual Integrations
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