

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093786.D
 Acq On : 21 Mar 2017 1:22
 Operator : SJ/MA
 Sample : I2280-01MS 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Manual Integrations
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 3/21/2017 2:45:59 PM

Quant Time: Mar 21 12:32:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	236440	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	903312	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	404929	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	612193	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	387988	20.00	ng	-0.02
86) Perylene-d12	15.39	264	347324	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	42071	3.11	ng	-0.02
7) Phenol-d6	6.45	99	52090	3.12	ng	-0.03
23) Nitrobenzene-d5	7.38	82	28392	1.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.65	330	5421	1.73	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	60124	2.50	ng	-0.02
78) Terphenyl-d14	12.93	244	39917	2.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	4605	0.67	ng	# 89
3) Pyridine	3.22	79	14552	0.79	ng	93
4) n-Nitrosodimethylamine	3.10	42	6749	0.85	ng	# 86
6) Aniline	6.48	93	11576	0.50	ng	93
8) 2-Chlorophenol	6.61	128	14807	1.00	ng	86
9) Benzaldehyde	6.37	77	7016	0.59	ng	# 69
10) Phenol	6.47	94	66823	3.56	ng	81
11) bis(2-Chloroethyl)ether	6.56	93	17254	1.13	ng	95
12) 1,3-Dichlorobenzene	6.78	146	16151	0.96	ng	97
13) 1,4-Dichlorobenzene	6.85	146	16551m	0.96	ng	
14) 1,2-Dichlorobenzene	7.01	146	17346	1.10	ng	94
15) Benzyl Alcohol	6.97	79	12263	0.99	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.12	45	23962	0.99	ng	98
17) 2-Methylphenol	7.09	107	28218	2.16	ng	96
18) Hexachloroethane	7.35	117	7217	1.18	ng	# 59
19) n-Nitroso-di-n-propylamine	7.24	70	10399	0.95	ng	# 75
20) 3+4-Methylphenols	7.24	107	56466	3.65	ng	# 80
22) Acetophenone	7.24	105	23181	1.19	ng	# 83
24) Nitrobenzene	7.41	77	15442	1.02	ng	98
25) Isophorone	7.66	82	26150	0.93	ng	# 89
26) 2-Nitrophenol	7.74	139	3445	0.50	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	25587	1.81	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	21403	1.18	ng	98
29) 2,4-Dichlorophenol	7.98	162	10615	0.88	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	12933	1.03	ng	97
31) Naphthalene	8.15	128	4631434	110.46	ng	97
32) Benzoic acid	7.91	122	11023	1.25	ng	# 17
34) Hexachlorobutadiene	8.28	225	6398	0.97	ng	94
35) Caprolactam	8.50	113	2586	0.68	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	11709	0.94	ng	98
37) 2-Methylnaphthalene	8.84	142	874450	31.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	10421	0.97	ng	96
42) 2,4,6-Trichlorophenol	9.11	196	5969m	0.77	ng	
43) 2,4,5-Trichlorophenol	9.14	196	5495m	0.68	ng	

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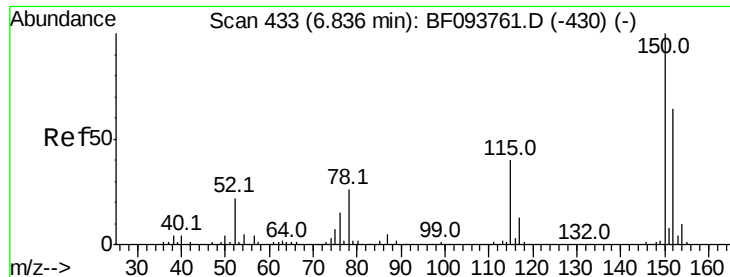
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.29	154	258153	7.84	nq	95
46) 2-Chloronaphthalene	9.32	162	27642	1.10	nq #	91
47) 2-Nitroaniline	9.41	65	6584	0.93	nq	86
48) Acenaphthylene	9.73	152	990920	24.13	nq	99
49) Dimethylphthalate	9.59	163	42096	1.46	nq	98
50) 2,6-Dinitrotoluene	9.65	165	4143	0.65	nq #	1
51) Acenaphthene	9.90	154	123636	5.04	nq	97
52) 3-Nitroaniline	9.81	138	5032	0.66	nq #	92
53) 2,4-Dinitrophenol	10.16	184	313	0.13	nq #	37
54) Dibenzofuran	10.08	168	645738	19.56	nq	92
55) 4-Nitrophenol	9.97	139	7915m	1.39	nq	
56) 2,4-Dinitrotoluene	10.05	165	10132	1.26	nq #	78
57) Fluorene	10.42	166	804282	31.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	2264	0.41	nq #	54
59) Diethylphthalate	10.29	149	30199	1.08	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	12915	1.21	nq	99
61) 4-Nitroaniline	10.41	138	14287	2.10	nq #	70
62) Azobenzene	10.57	77	37049	1.33	nq #	1
65) n-Nitrosodiphenylamine	10.53	169	35703	1.75	nq #	83
66) 4-Bromophenyl-phenylether	10.90	248	6049	1.03	nq	92
67) Hexachlorobenzene	10.97	284	6190	1.02	nq #	91
68) Atrazine	11.05	200	7681	1.23	nq #	80
69) Pentachlorophenol	11.16	266	954	0.27	nq	93
70) Phenanthrene	11.38	178	2423591	74.33	nq	100
71) Anthracene	11.43	178	859566	25.61	nq	98
72) Carbazole	11.58	167	297294	8.95	nq	96
73) Di-n-butylphthalate	11.92	149	47608	1.33	nq #	91
74) Fluoranthene	12.56	202	1361185	40.62	nq	99
76) Benzidine	12.68	184	8758	0.51	nq #	90
77) Pyrene	12.79	202	1323748	41.00	nq	99
79) Butylbenzylphthalate	13.41	149	14942	1.04	nq #	77
80) Benzo(a)anthracene	13.97	228	493836m	20.32	nq	
81) 3,3'-Dichlorobenzidine	13.93	252	8272	0.90	nq	98
82) Chrysene	14.00	228	421277m	17.35	nq	
83) Bis(2-ethylhexyl)phthalate	13.98	149	21642	1.25	nq #	93
84) Di-n-octyl phthalate	14.59	149	31549	0.99	nq #	67
85) Indeno(1,2,3-cd)pyrene	16.75	276	142191	7.15	nq	96
87) Benzo(b)fluoranthene	14.99	252	394263m	16.84	nq	
88) Benzo(k)fluoranthene	15.01	252	179124m	10.36	nq	
89) Benzo(a)pyrene	15.33	252	348793	18.37	nq	97
90) Dibenzo(a,h)anthracene	16.76	278	53313	3.38	nq #	91
91) Benzo(g,h,i)perylene	17.15	276	131231	8.39	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

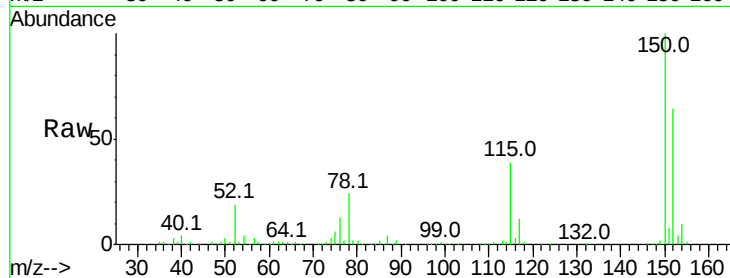
ClientSampleId :

CTMIX-1MS

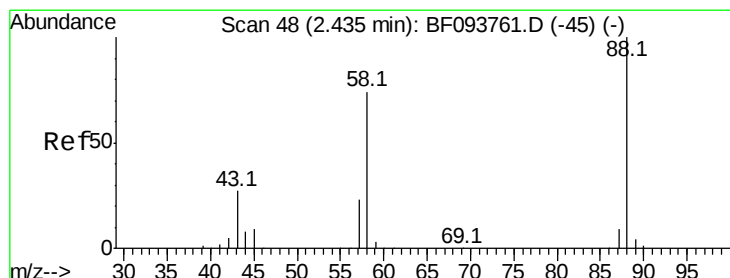
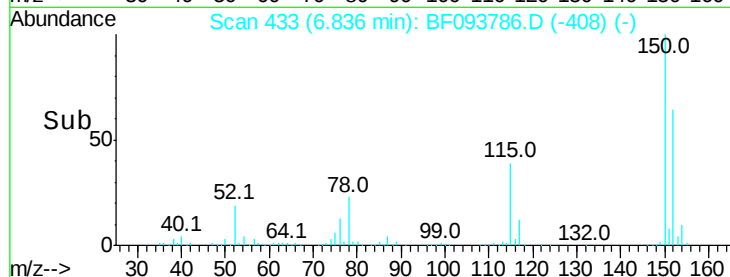
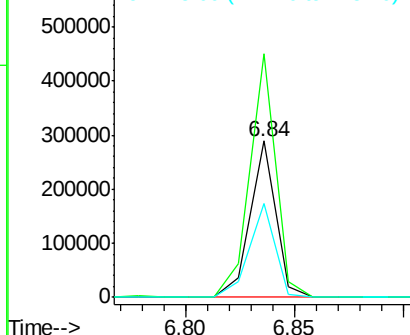
Tot Ion:	152	Resp:	236440
Ion Ratio	Lower	Upper	
152	100		
150	155.8	126.2	189.2
115	60.4	52.2	78.2

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



#2

1,4-Dioxane

Concen: 0.67 ng

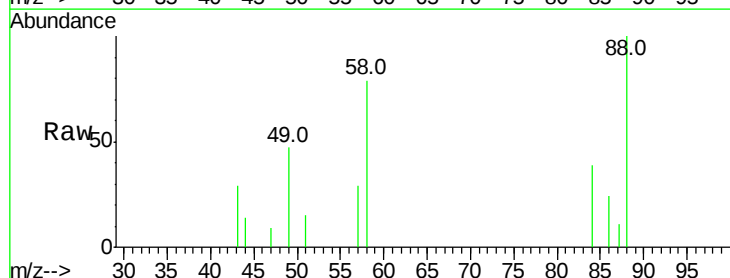
RT: 2.45 min Scan# 49

Delta R.T. 0.00 min

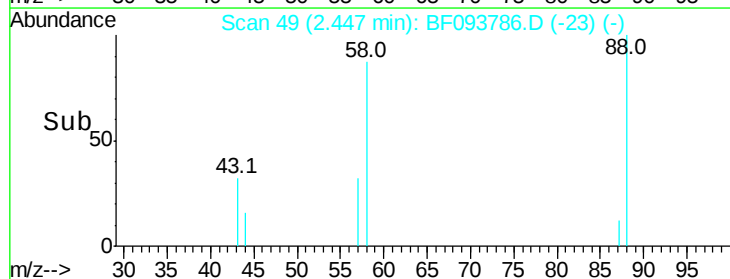
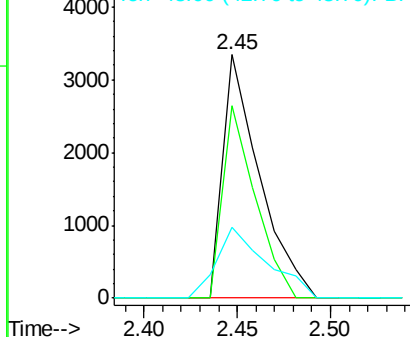
Lab File: BF093786.D

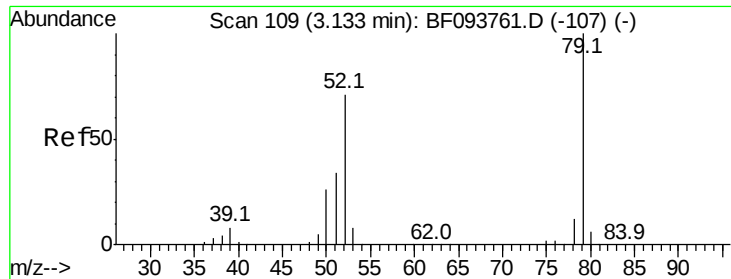
Acq: 21 Mar 2017 1:22

Tgt Ion:	88	Resp:	4605
Ion Ratio	Lower	Upper	
88	100		
58	70.0	61.4	92.0
43	39.5	23.4	35.0#



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





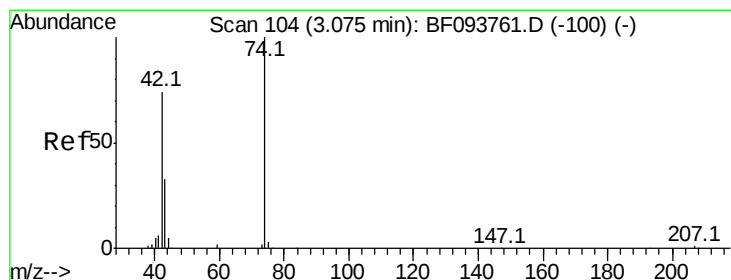
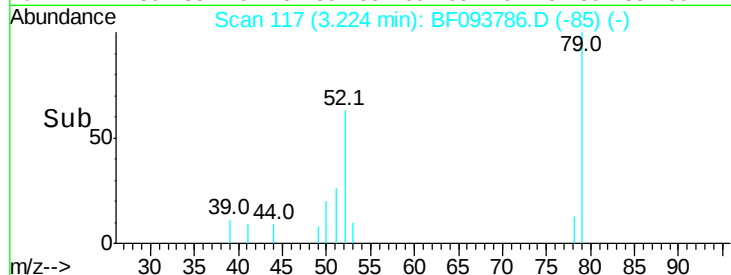
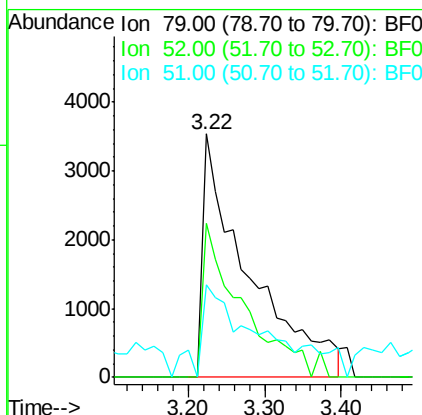
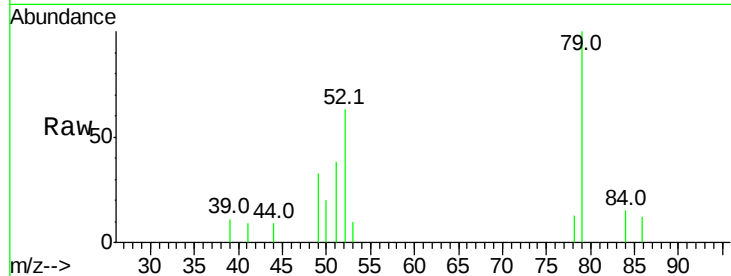
#3
 Pvridine
 Concen: 0.79 ng
 RT: 3.22 min Scan# 117
 Delta R.T. 0.07 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		14552		
52	63.4	54.8	82.2		
51	37.9	27.0	40.4		

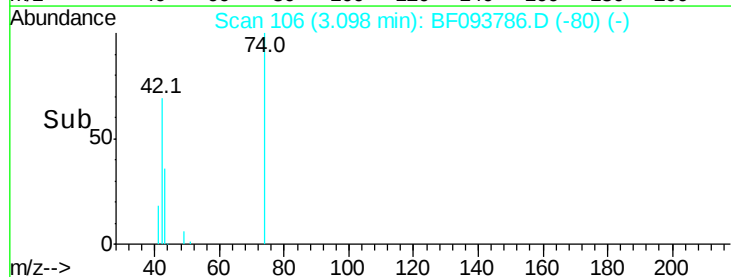
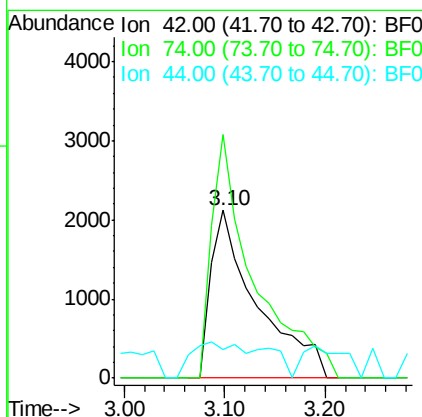
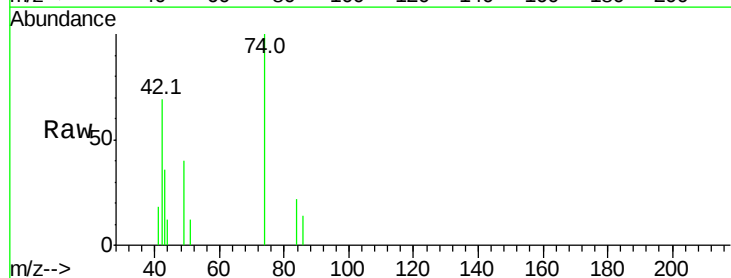
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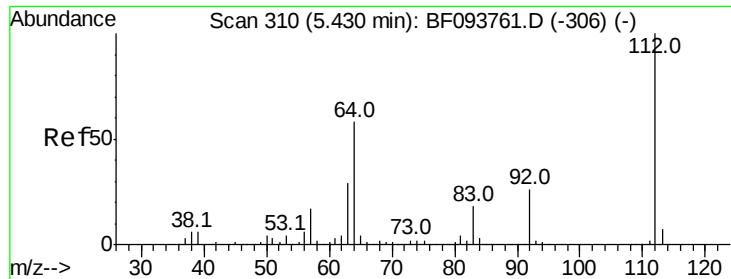
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#4
 n-Nitrosodimethylamine
 Concen: 0.85 ng
 RT: 3.10 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		6749		
74	145.3	103.9	155.9		
44	17.0	5.7	8.5#		





#5

2-Fluorophenol

Concen: 3.11 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

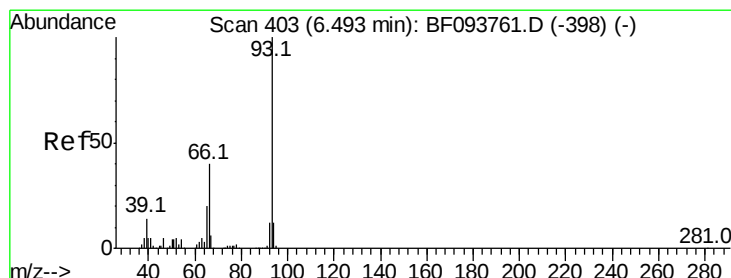
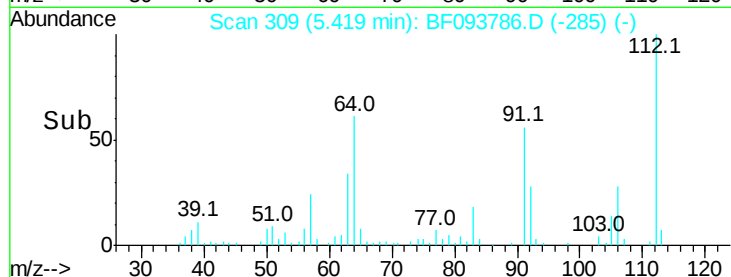
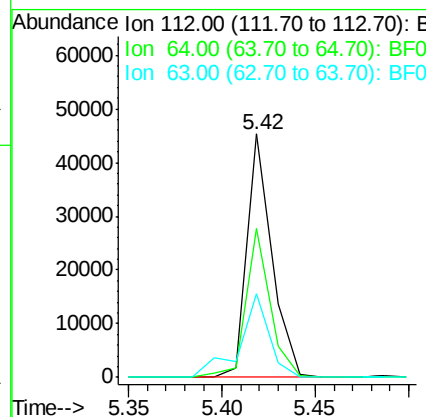
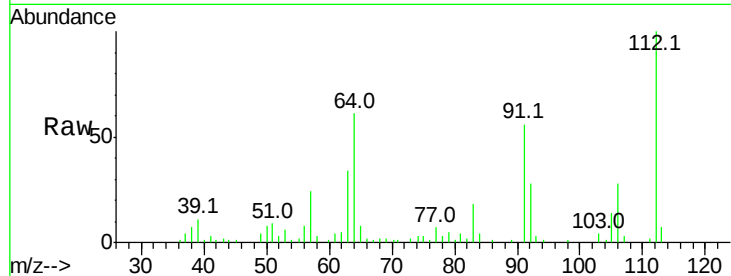
ClientSampleId :

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Tot Ion:	112	Resp:	42071
Ion Ratio	Lower	Upper	
112	100		
64	61.0	46.0	69.0
63	34.3	23.4	35.0

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#6

Aniline

Concen: 0.50 ng

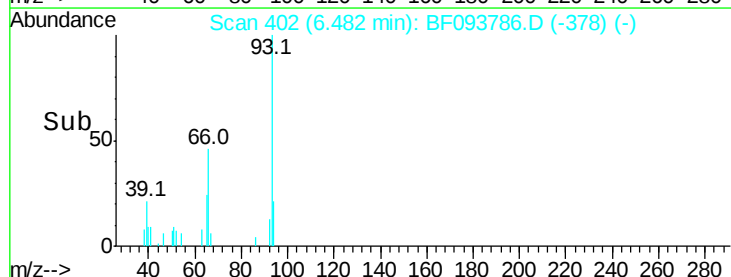
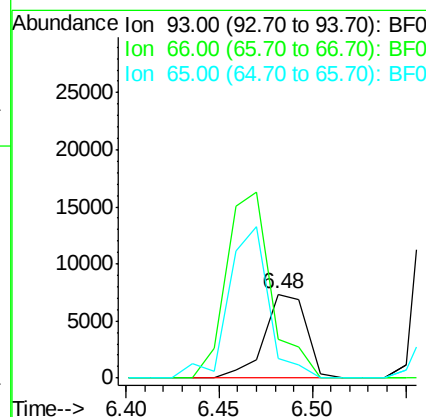
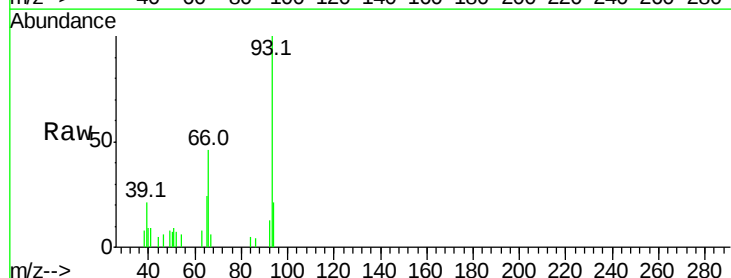
RT: 6.48 min Scan# 402

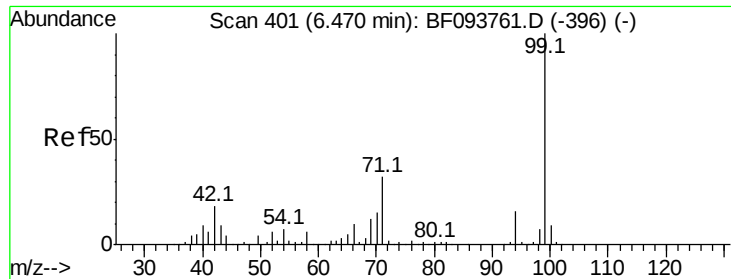
Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	93	Resp:	11576
Ion Ratio	Lower	Upper	
93	100		
66	45.6	32.9	49.3
65	23.5	16.0	24.0





#7

Phenol-d6

Concen: 3.12 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

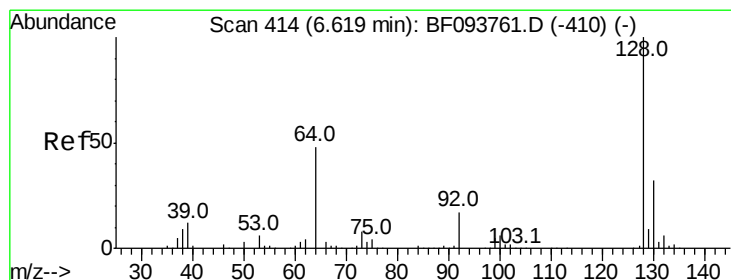
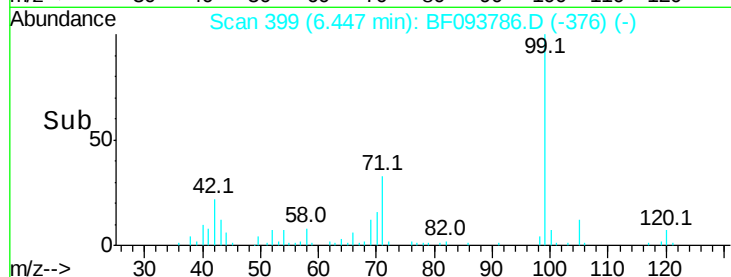
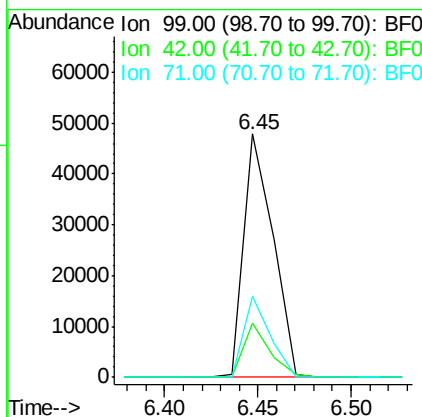
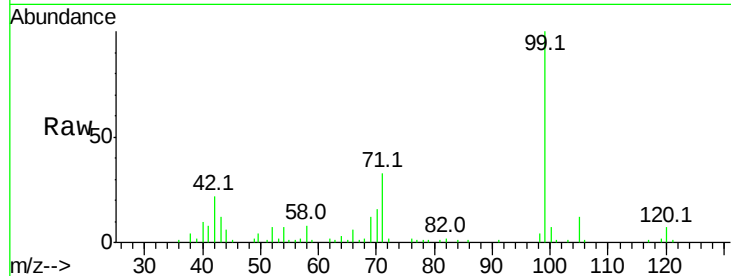
ClientSampleId :

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Tot Ion:	99	Resp:	52090
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.5	20.3#
71	33.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 1.00 ng

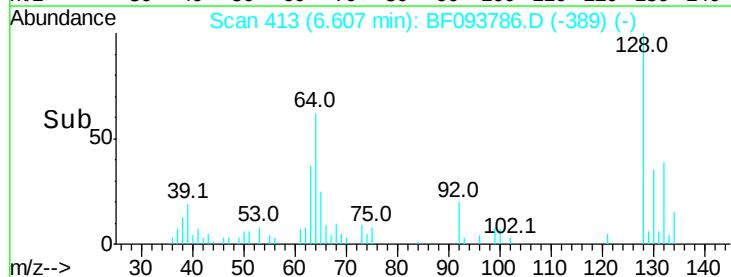
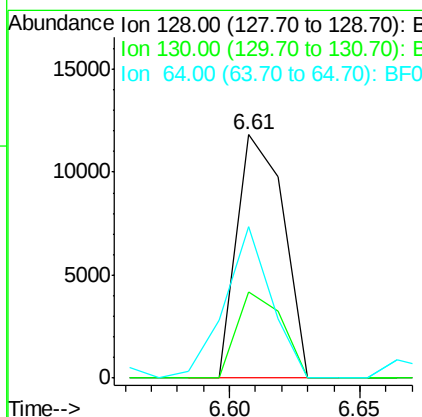
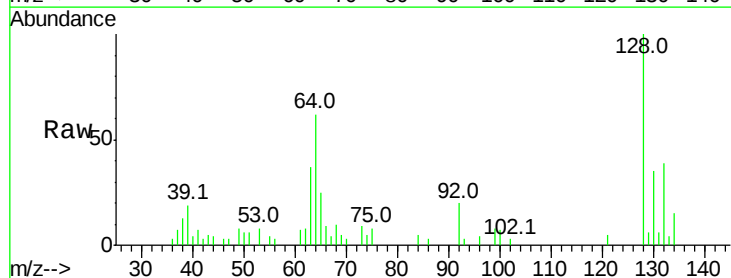
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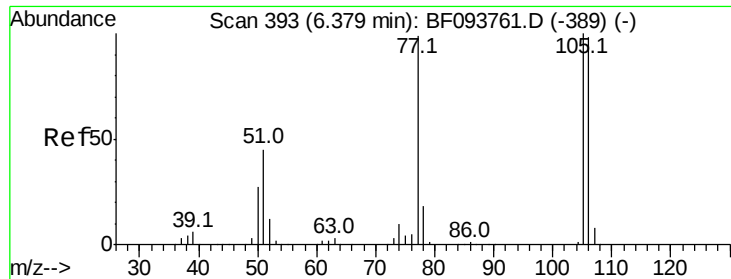
Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	128	Resp:	14807
Ion Ratio	Lower	Upper	
128	100		
130	35.3	12.9	52.9
64	62.1	28.4	68.4





#9

Benzaldehyde

Concen: 0.59 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

ClientSampleId :

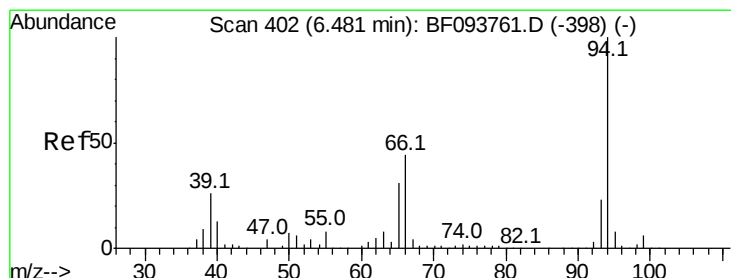
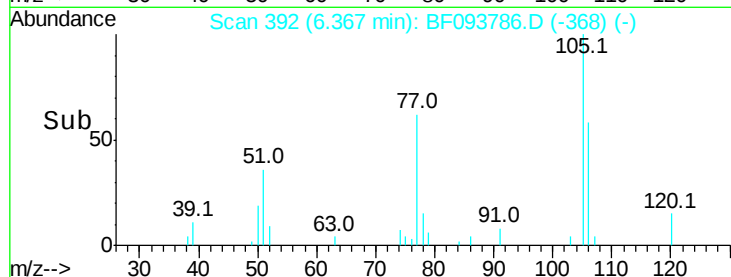
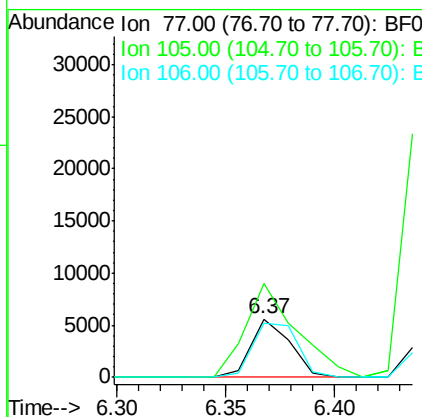
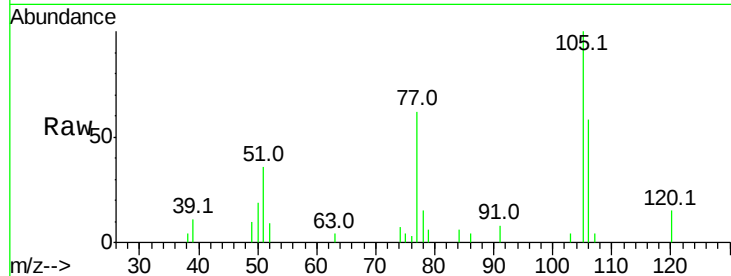
CTMIX-1MS

Tot Ion: 77 Resp: 7016

Ion	Ratio	Lower	Upper
77	100		
105	161.0	83.8	123.8#
106	93.6	79.1	119.1

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#10

Phenol

Concen: 3.56 ng

RT: 6.47 min Scan# 401

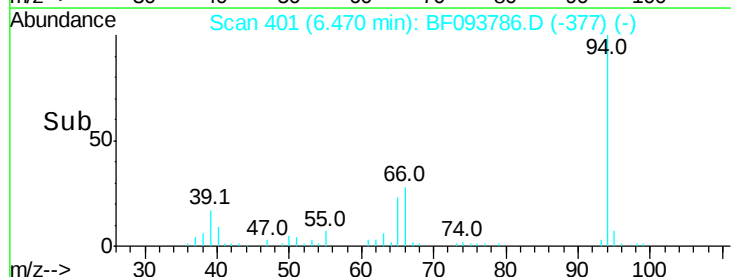
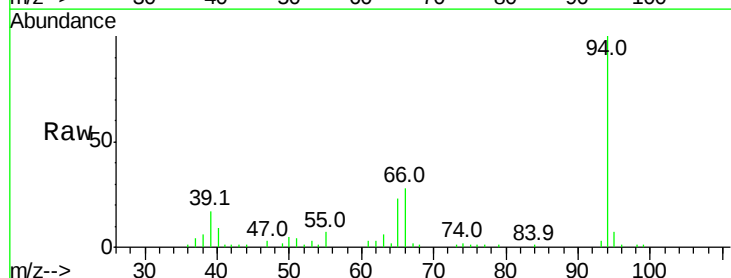
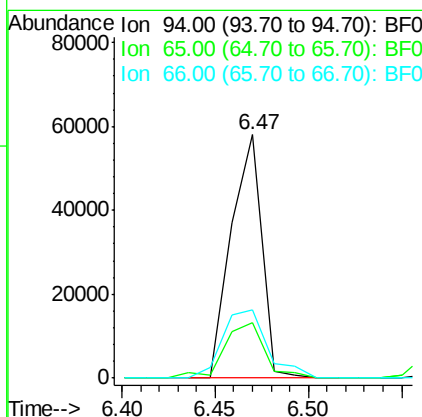
Delta R.T. -0.02 min

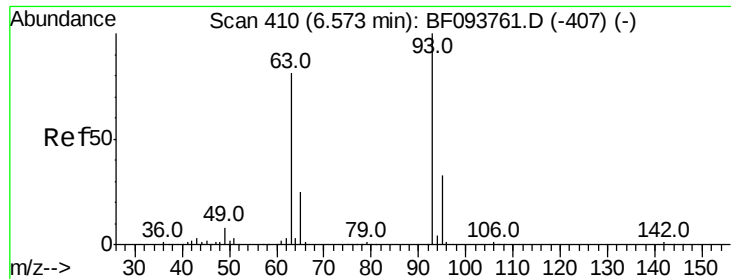
Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion: 94 Resp: 66823

Ion	Ratio	Lower	Upper
94	100		
65	22.8	9.9	49.9
66	28.1	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 1.13 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

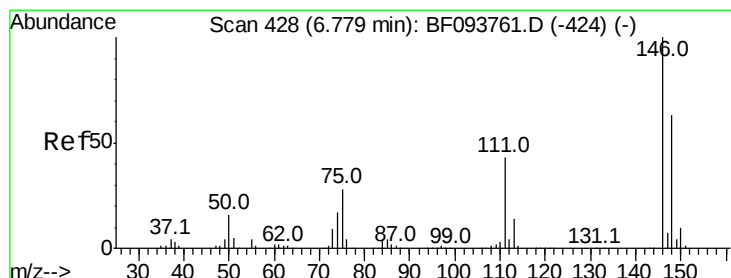
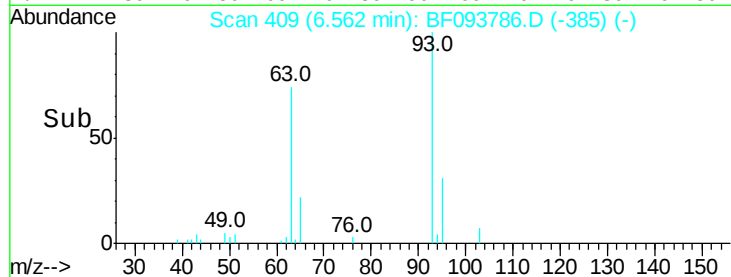
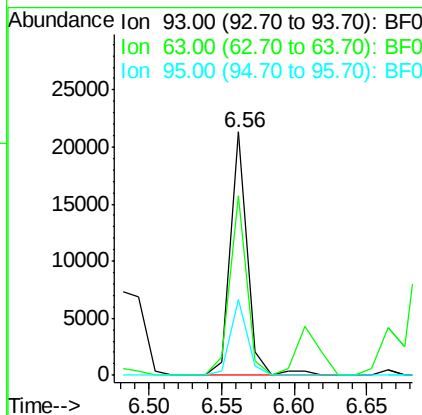
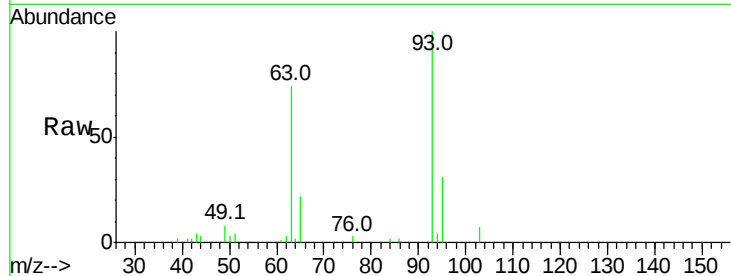
ClientSampleId :

CTMIX-1MS

Tot Ion:	93	Resp:	17254
Ion Ratio	Lower	Upper	
93	100		
63	74.0	59.2	99.2
95	31.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 0.96 ng

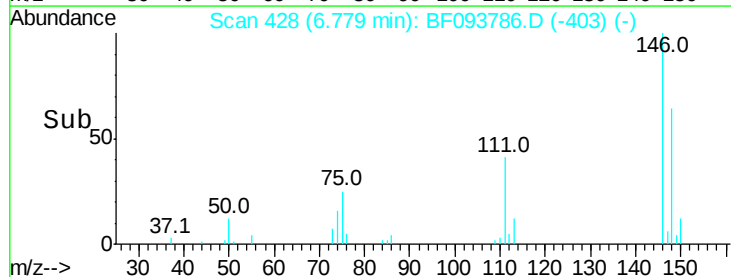
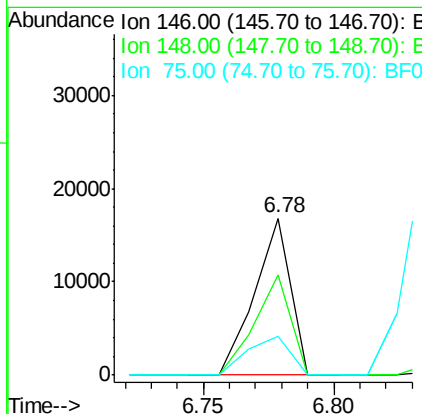
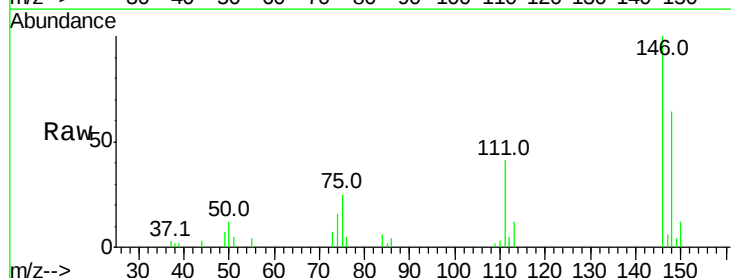
RT: 6.78 min Scan# 428

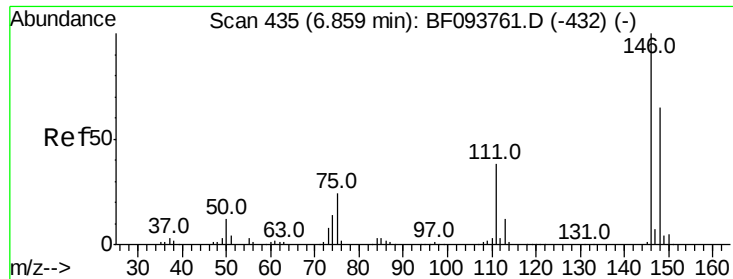
Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	146	Resp:	16151
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
75	24.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 0.96 ng/mL

RT: 6.85 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

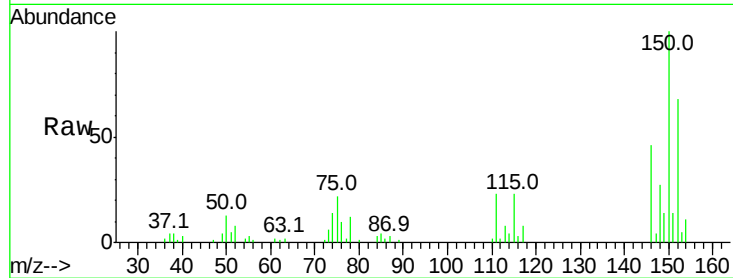
ClientSampleId :

CTMIX-1MS

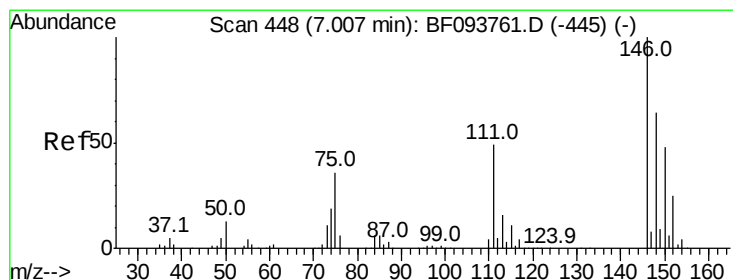
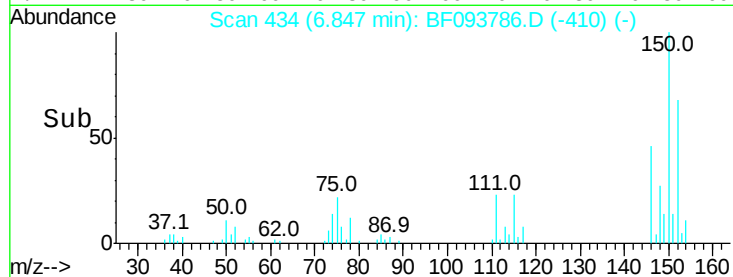
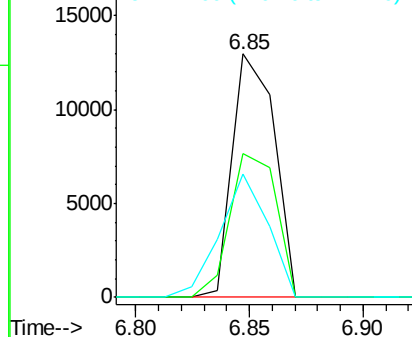
Tot Ion:	146	Resp:	16551
Ion Ratio	Lower	Upper	
146	100		
148	59.3	52.2	78.2
111	50.7	30.3	45.5#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 1.10 ng/mL

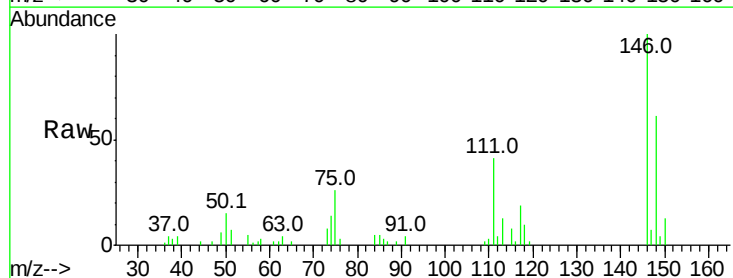
RT: 7.01 min Scan# 448

Delta R.T. -0.01 min

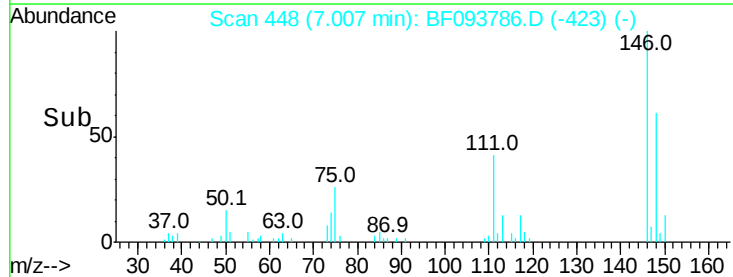
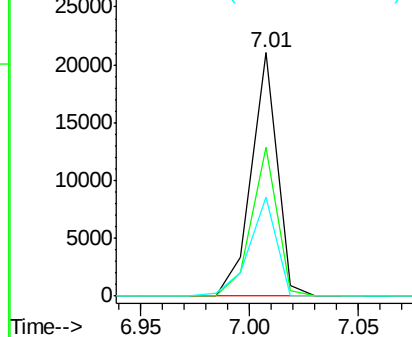
Lab File: BF093786.D

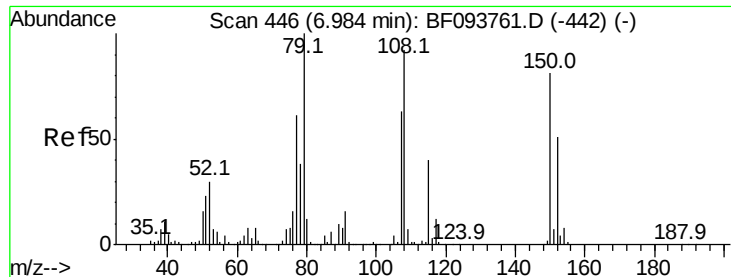
Acq: 21 Mar 2017 1:22

Tgt Ion:	146	Resp:	17346
Ion Ratio	Lower	Upper	
146	100		
148	61.1	50.4	75.6
111	40.6	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





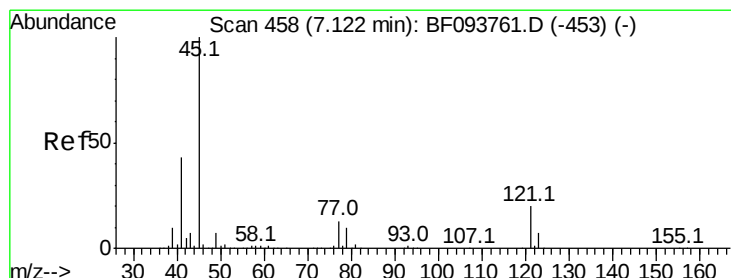
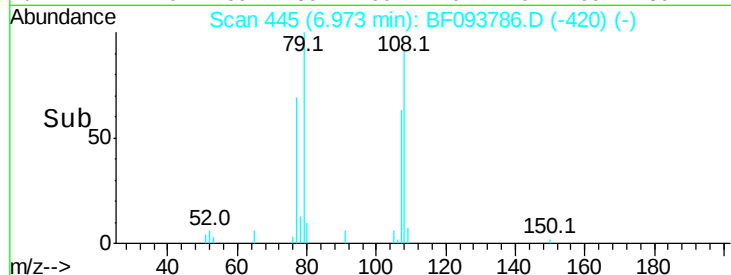
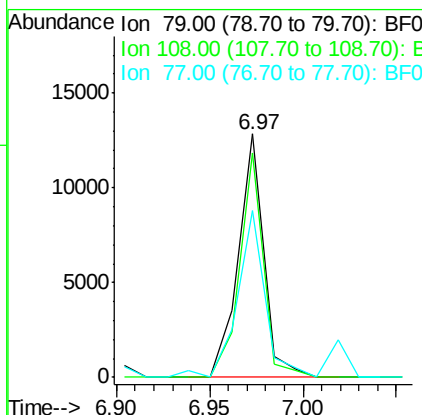
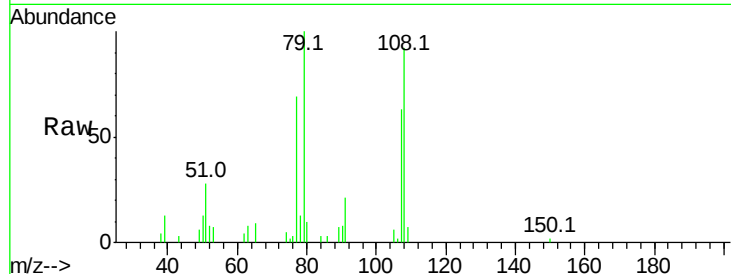
#15
Benzyl Alcohol
Concen: 0.99 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	92.2	63.4	95.0
77	68.5	49.2	73.8

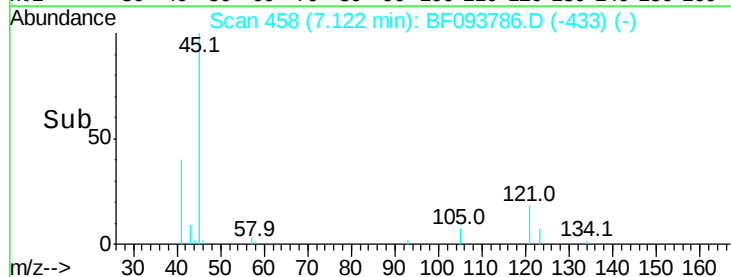
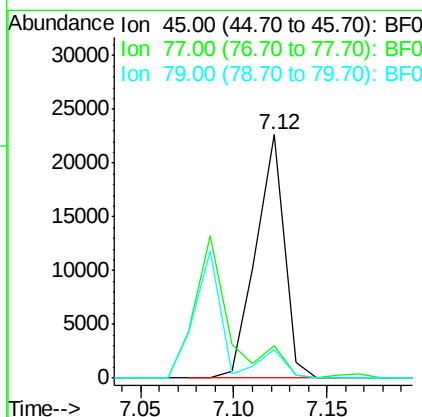
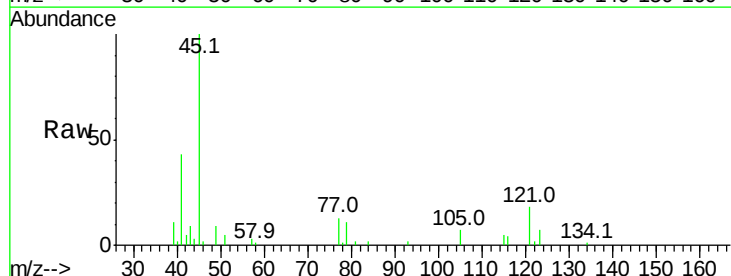
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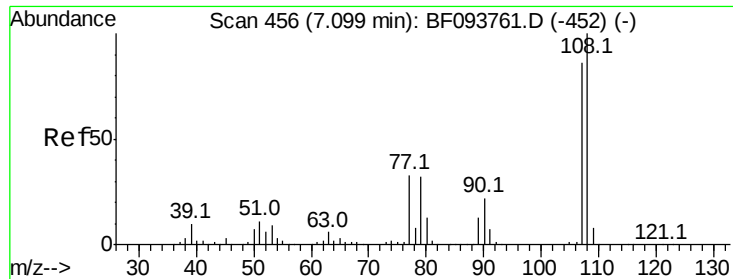
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.99 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.2
79	11.5	0.0	30.0





#17

2-Methylphenol

Concen: 2.16 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

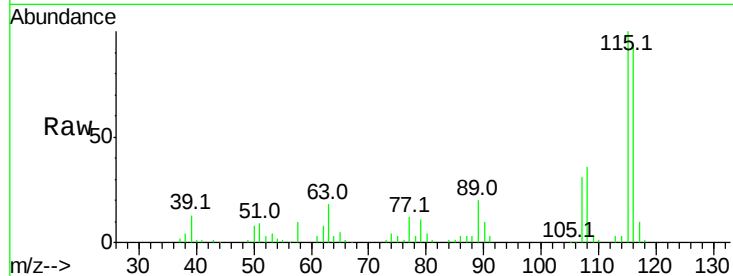
ClientSampleId :

CTMIX-1MS

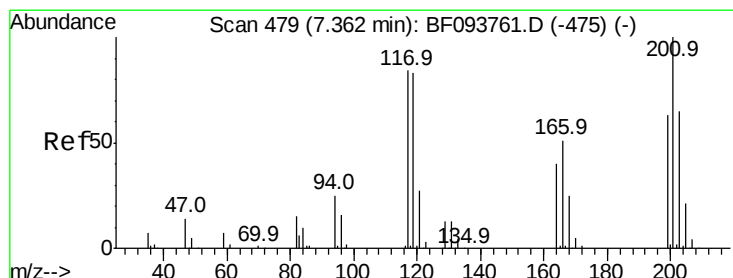
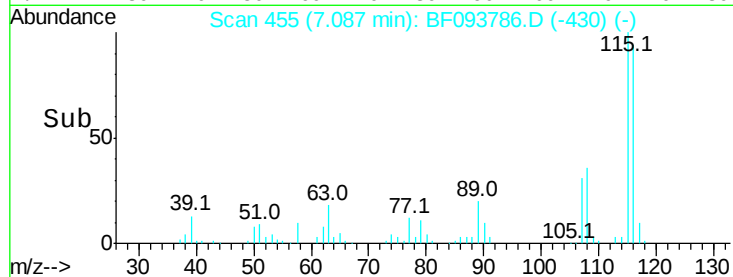
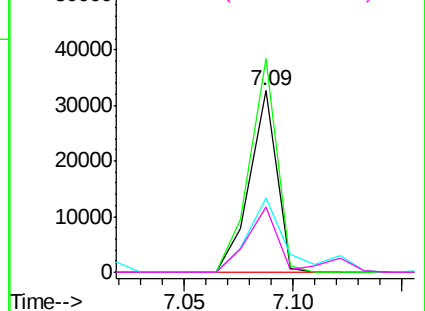
Tot Ion:	107	Resp:	28218
Ion Ratio	Lower	Upper	
107	100		
108	117.5	93.4	140.0
77	40.7	35.8	53.6
79	36.2	34.8	52.2

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 1.18 ng

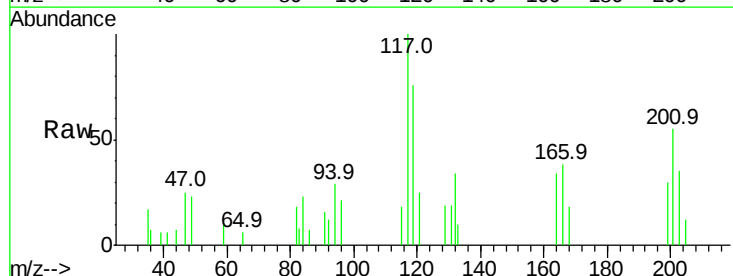
RT: 7.35 min Scan# 478

Delta R.T. -0.02 min

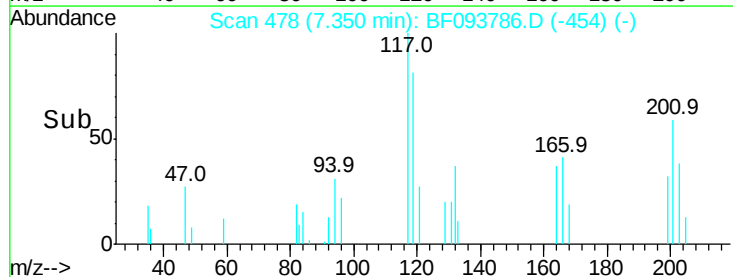
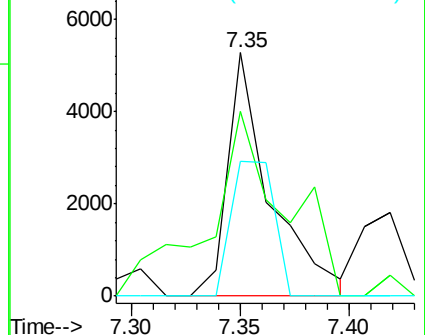
Lab File: BF093786.D

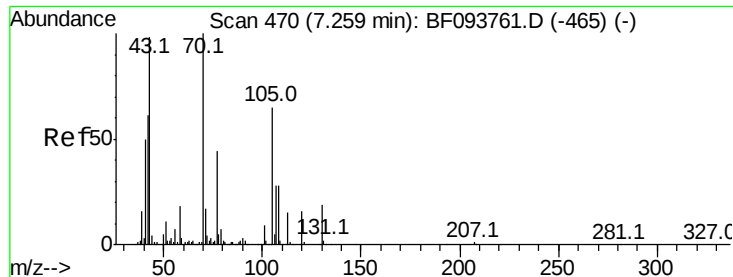
Acq: 21 Mar 2017 1:22

Tgt Ion:	117	Resp:	7217
Ion Ratio	Lower	Upper	
117	100		
119	75.7	77.4	116.0#
201	55.2	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





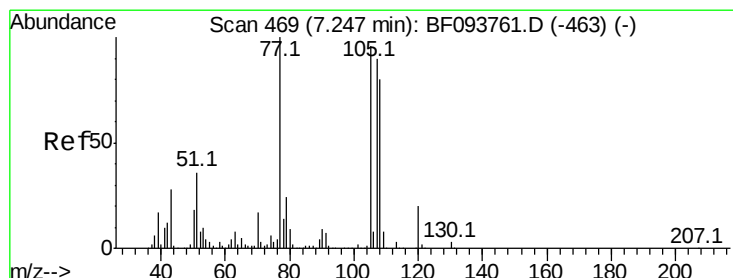
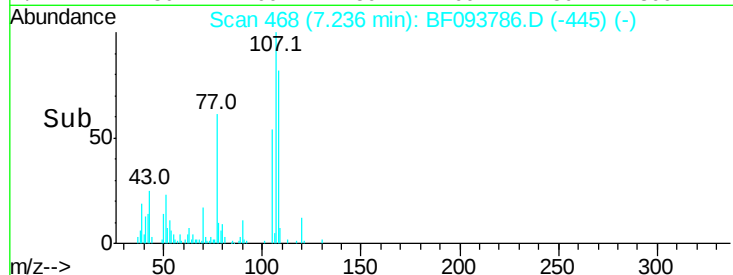
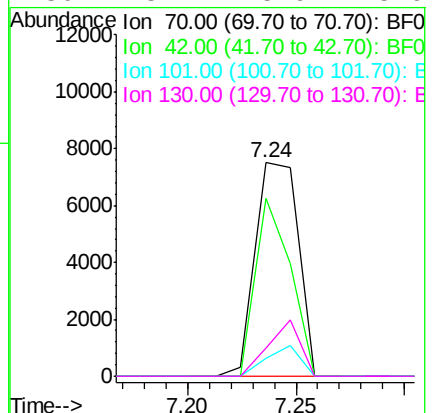
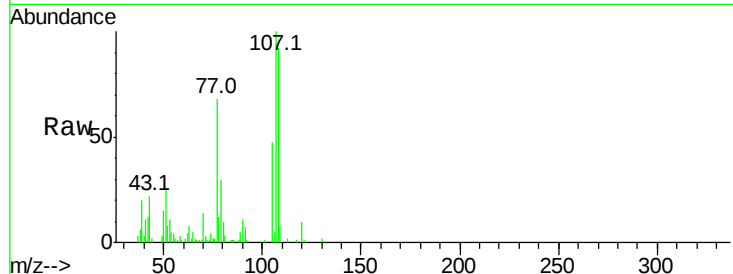
#19
n-Nitroso-di-n-propylamine
Concen: 0.95 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.4	47.2	70.8#
101	8.6	7.2	10.8
130	13.2	15.9	23.9#

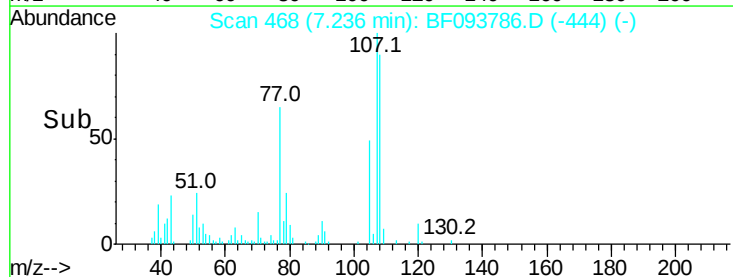
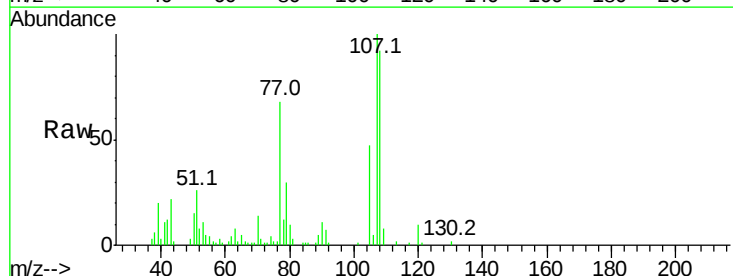
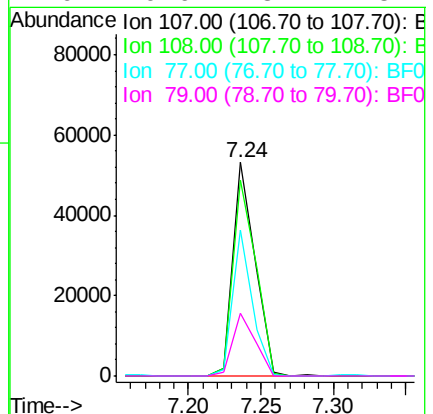
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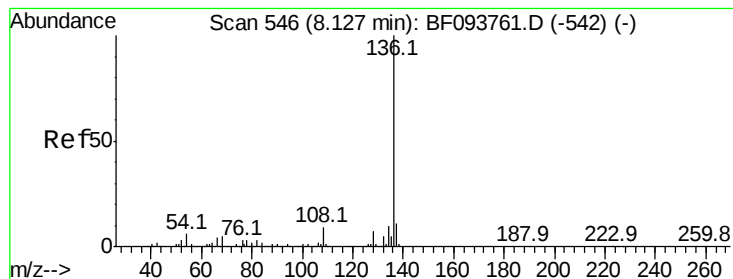
mohammad
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#20
3+4-Methylphenols
Concen: 3.65 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.0	111.0
77	68.3	90.5	130.5#
79	29.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

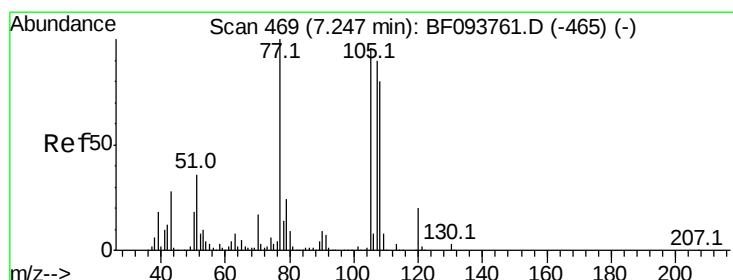
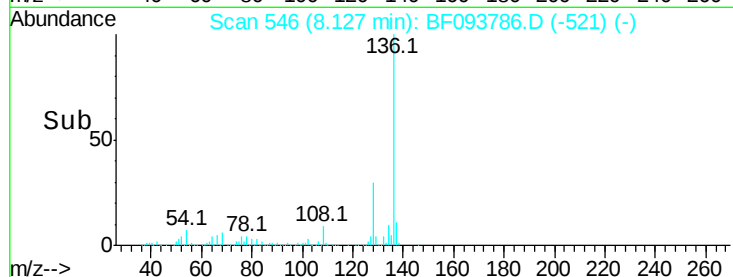
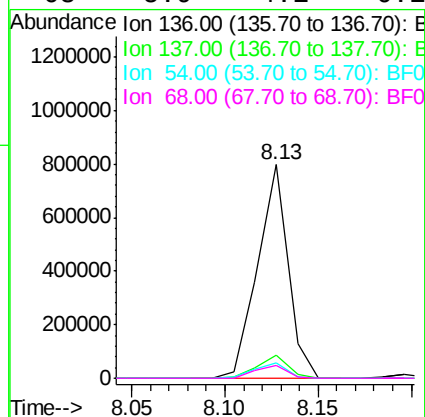
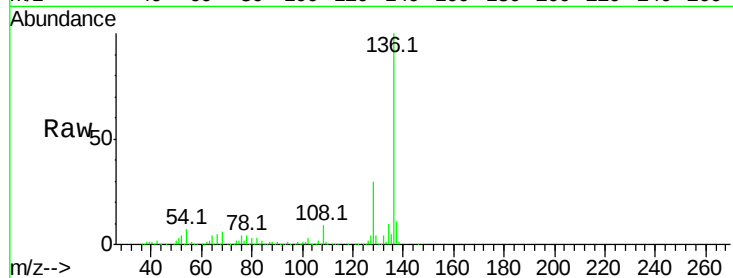
ClientSampleId :

CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.0	4.9	7.3	
68	5.9	4.1	6.1	

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#22

Acetophenone

Concen: 1.19 ng

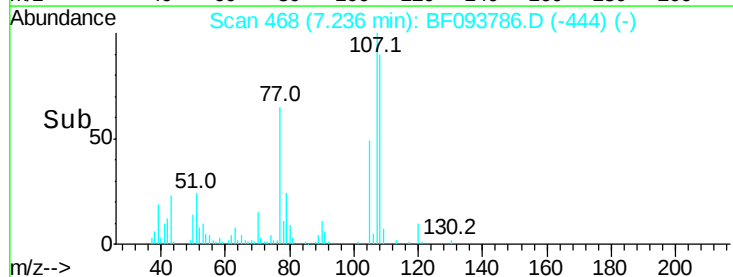
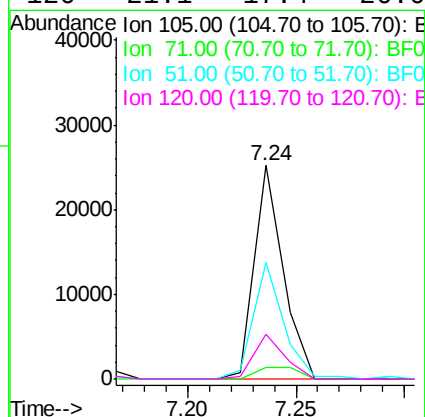
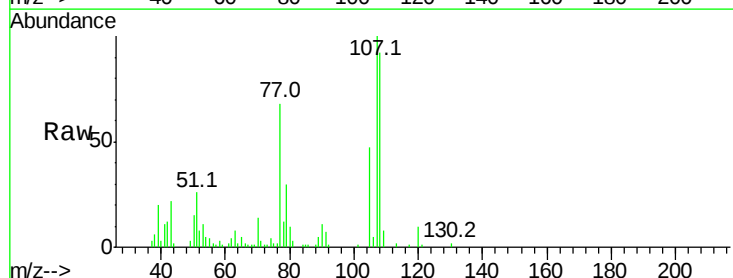
RT: 7.24 min Scan# 468

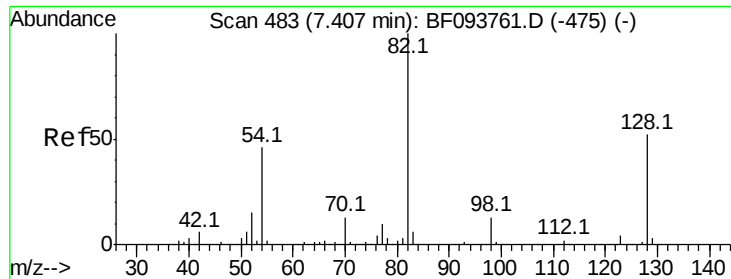
Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	2.8	4.2#	
51	54.8	30.7	46.1#	
120	21.1	17.4	26.0	





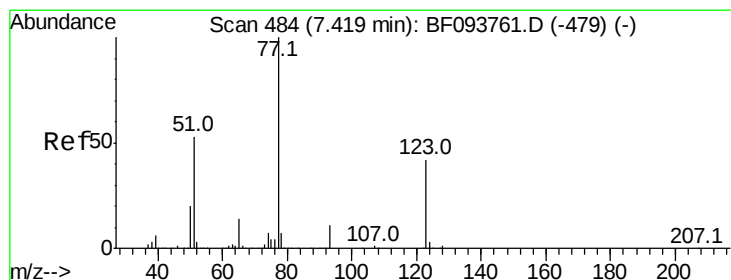
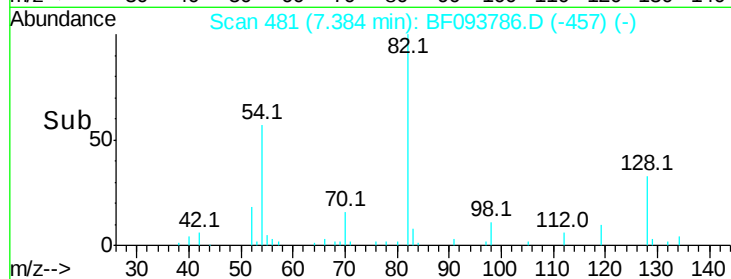
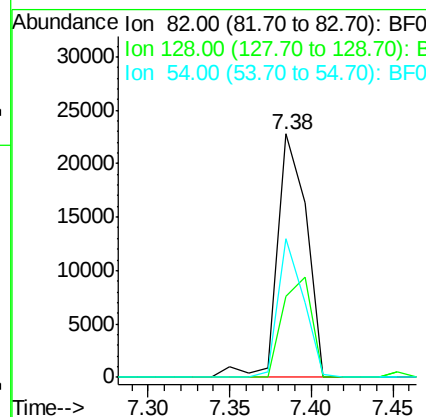
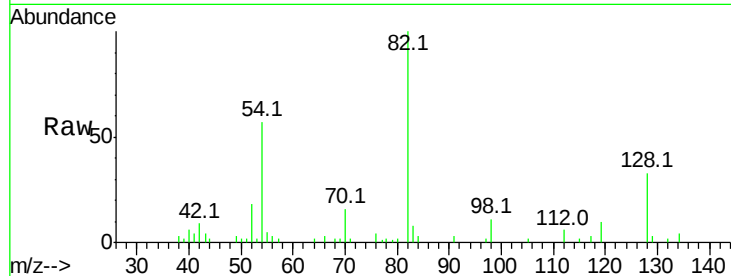
#23
Nitrobenzene-d5
Concen: 1.78 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	34.0	51.0#
54	56.7	42.2	63.2

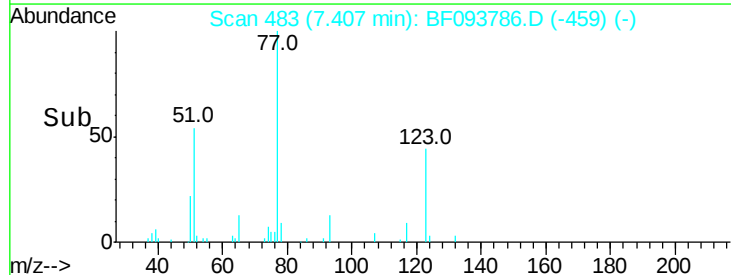
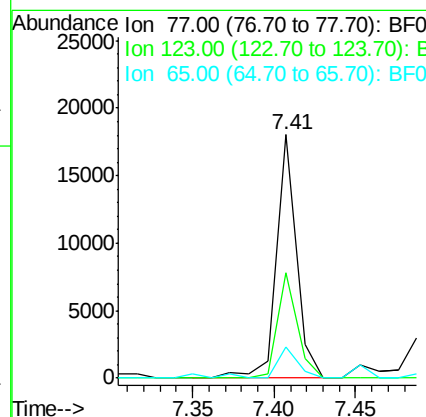
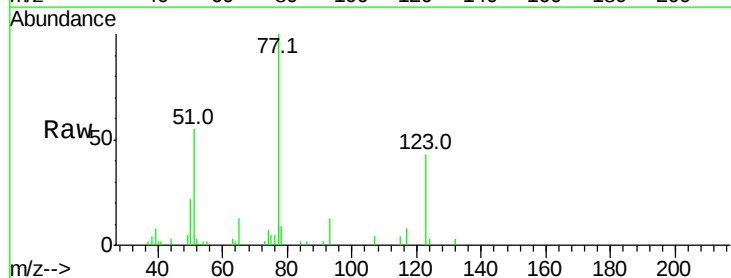
Manual Integrations
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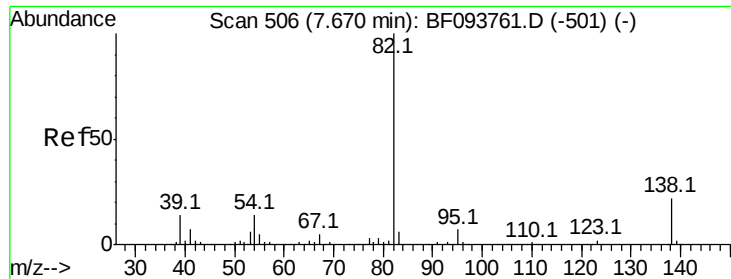
mohammad
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#24
Nitrobenzene
Concen: 1.02 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 0.93 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

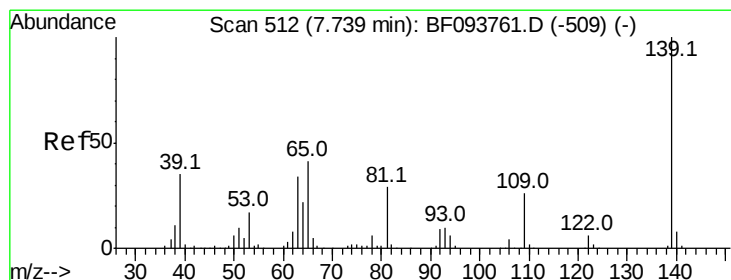
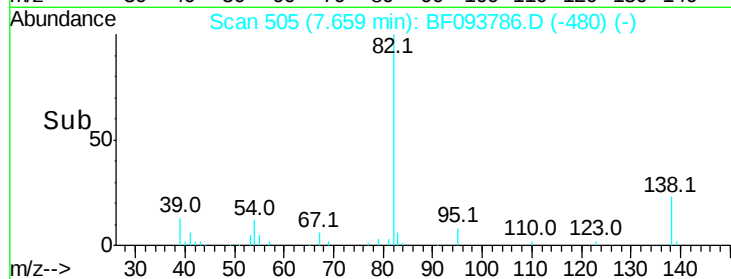
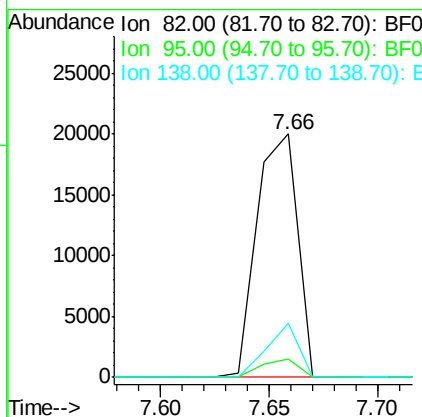
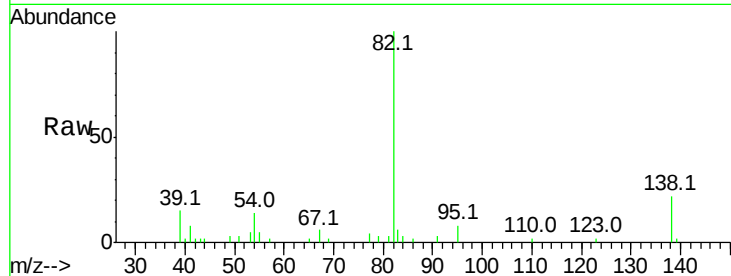
ClientSampleID :

CTMIX-1MS

Tot Ion:	82	Resp:	26150
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.3	7.9
138	22.3	13.1	19.7#

Manual Integrations
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#26

2-Nitrophenol

Concen: 0.50 ng

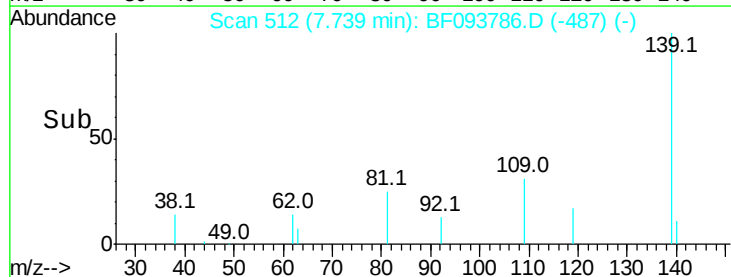
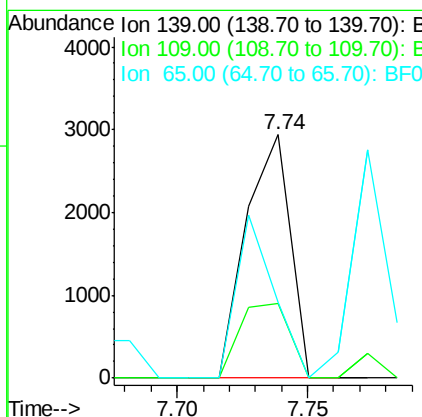
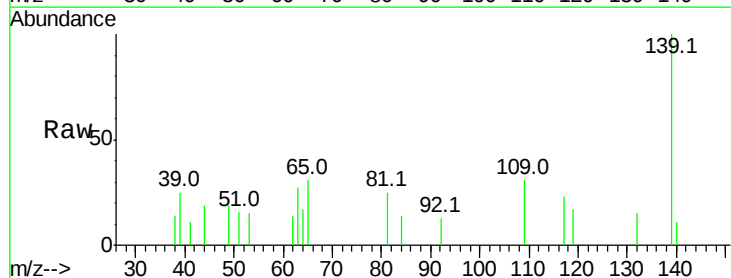
RT: 7.74 min Scan# 512

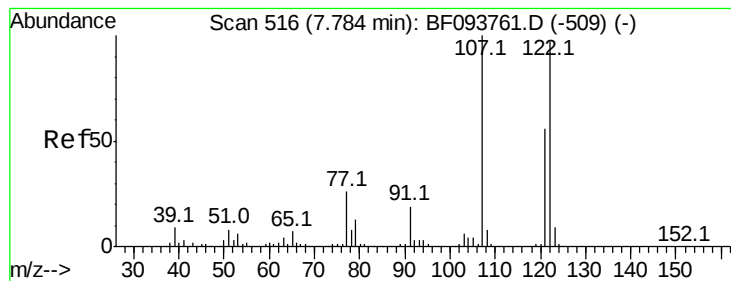
Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	139	Resp:	3445
Ion Ratio	Lower	Upper	
139	100		
109	30.5	21.0	31.6
65	31.3	33.0	49.6#





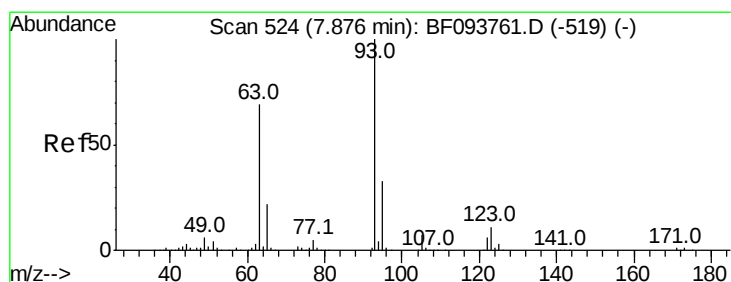
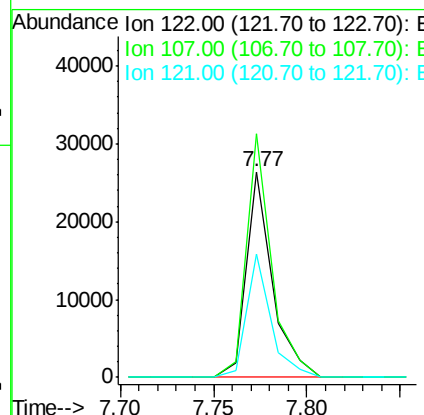
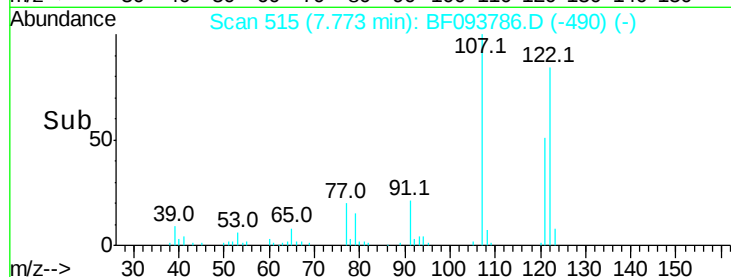
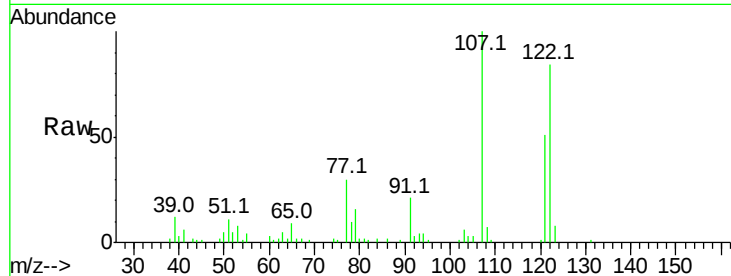
#27
 2,4-Dimethylphenol
 Concen: 1.81 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	89.2	133.8
121	60.1	45.2	67.8

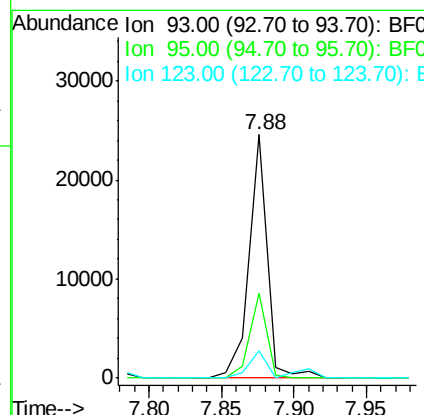
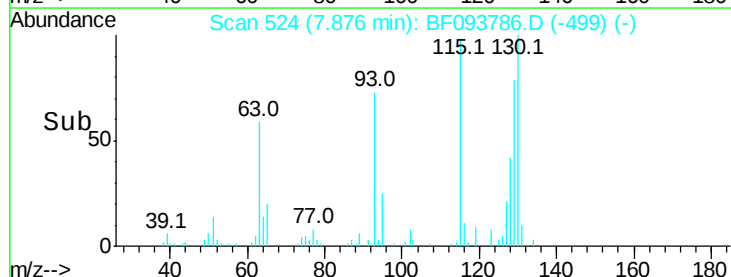
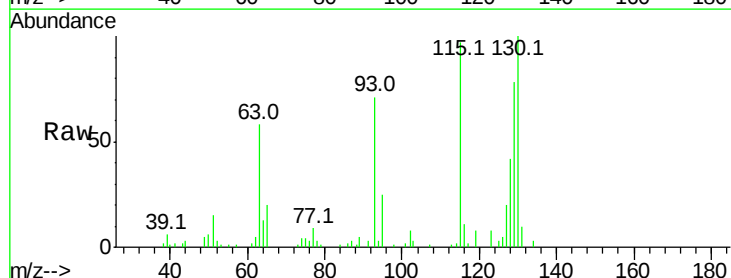
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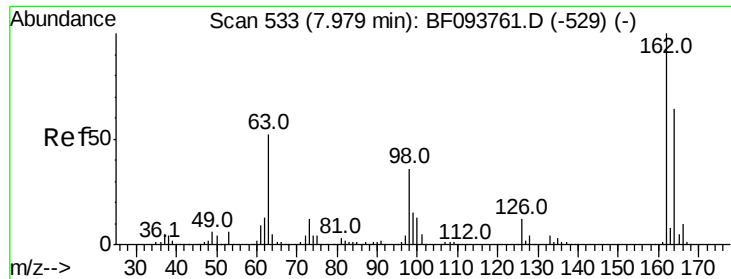
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#28
 bis(2-Chloroethoxy)methane
 Concen: 1.18 ng
 RT: 7.88 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.7	26.5	39.7
123	11.4	9.0	13.4





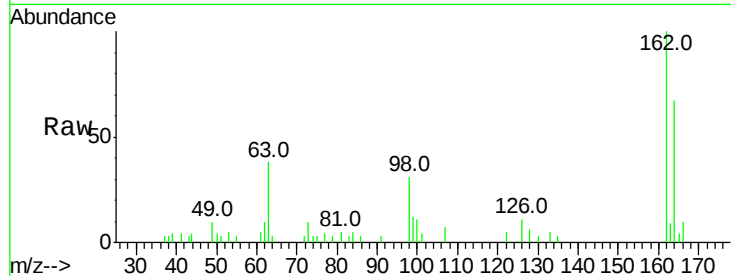
#29
2,4-Dichlorophenol
Concen: 0.88 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

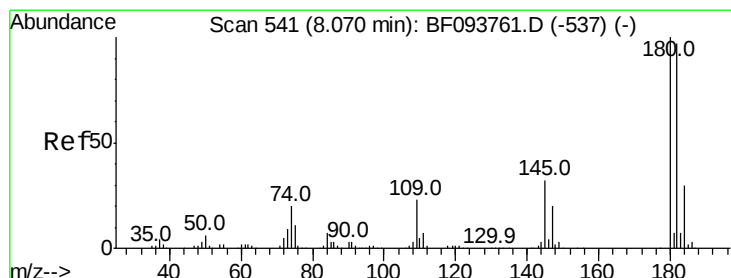
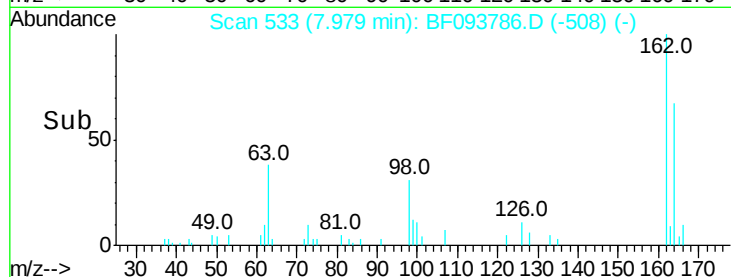
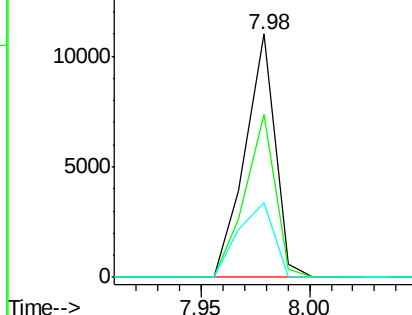
Tot Ion	Ratio	Resp	Lower	Upper
162	100	10615		
164	66.8		44.6	84.6
98	30.8		14.8	54.8

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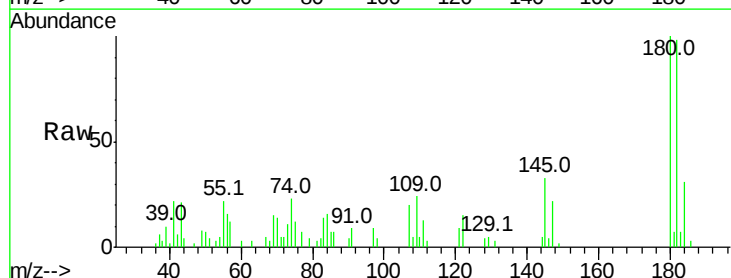


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

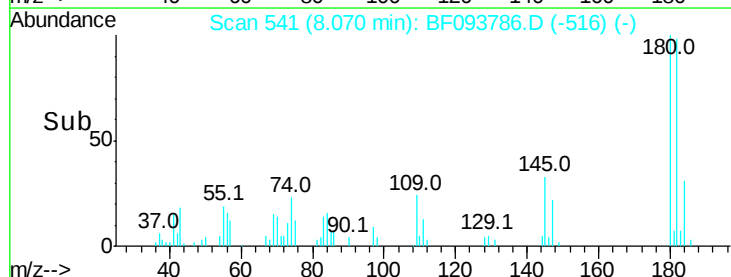
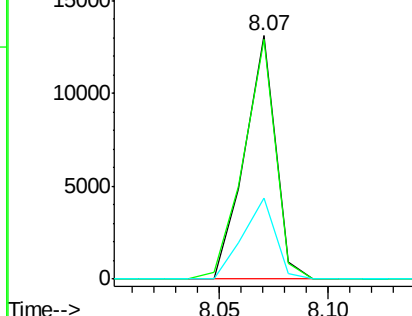


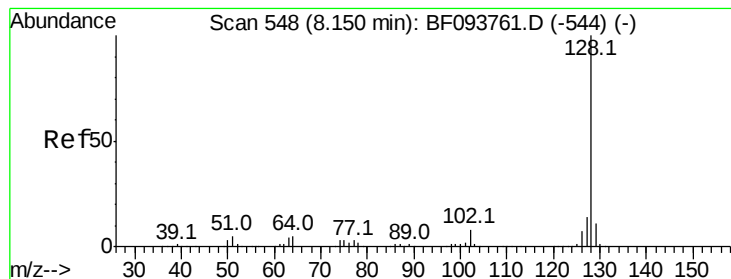
#30
1,2,4-Trichlorobenzene
Concen: 1.03 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	12933		
182	98.3		75.8	113.6
145	33.2		25.3	37.9



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





#31

Naphthalene

Concen: 110.46 ng

RT: 8.15 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MS

Tot Ion:128 Resp: 4631434

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.6

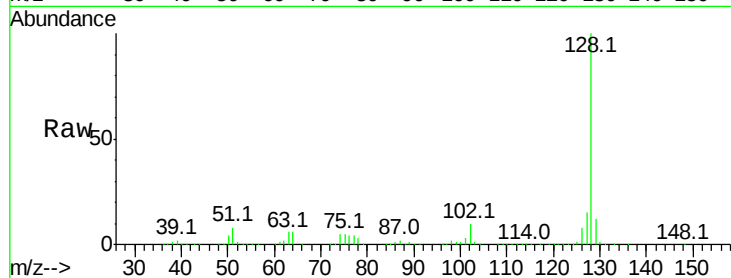
127 14.6 10.8 16.2

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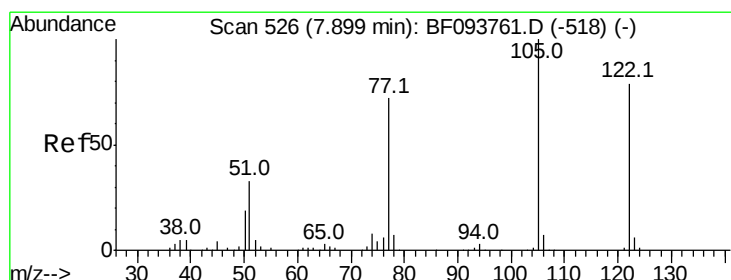
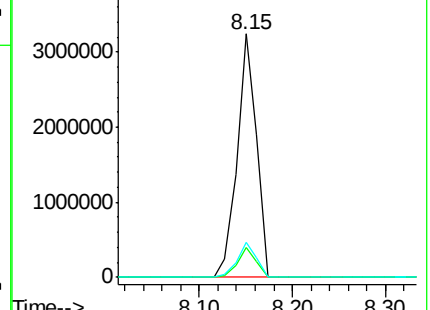
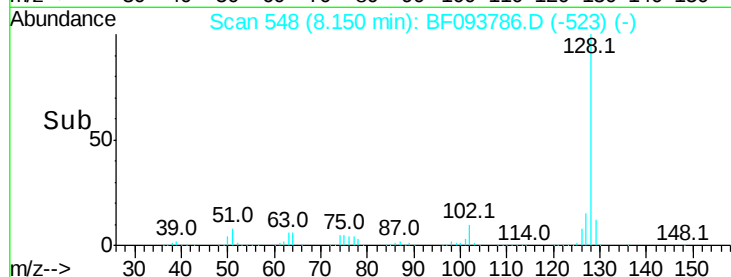
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1.25 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

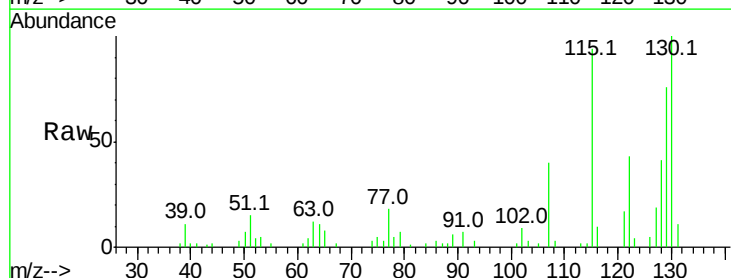
Tgt Ion:122 Resp: 11023

Ion Ratio Lower Upper

122 100

105 4.1 103.3 143.3#

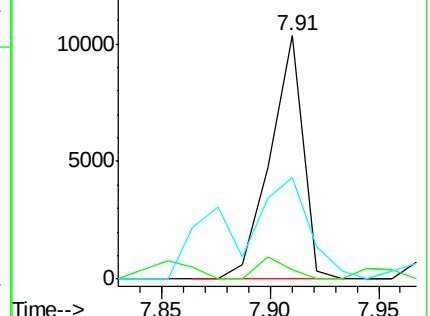
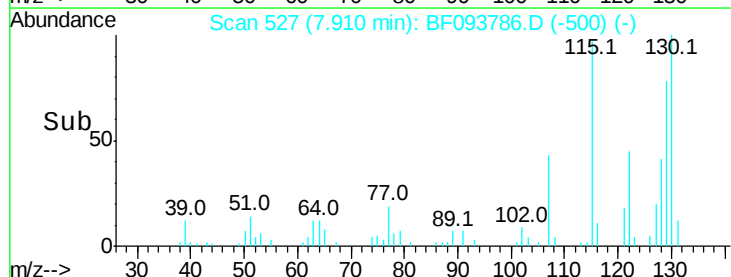
77 41.8 73.7 113.7#

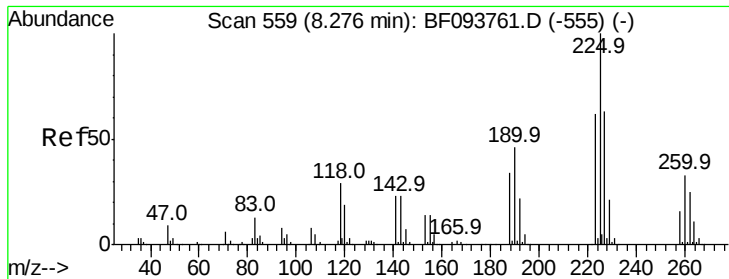


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#34

Hexachlorobutadiene

Concen: 0.97 ng

RT: 8.28 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

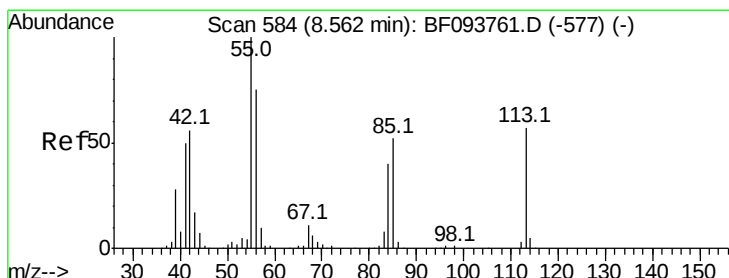
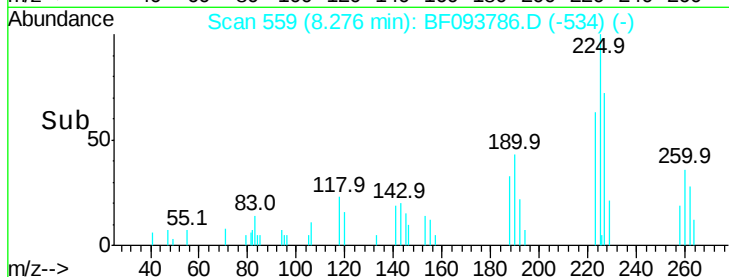
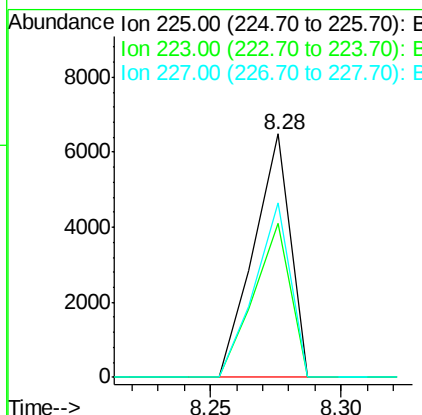
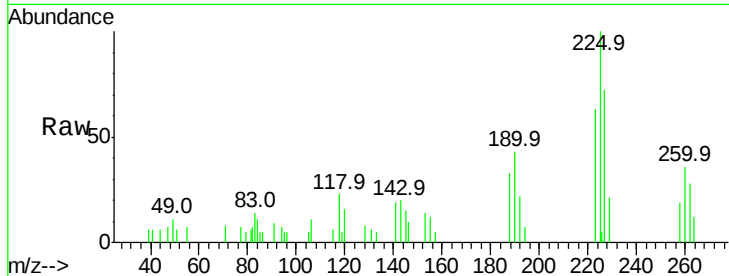
ClientSampled :

CTMIX-1MS

Tot Ion:	225	Resp:	6398
Ion Ratio	Lower	Upper	
225	100		
223	63.2	48.8	73.2
227	71.5	51.1	76.7

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#35

Caprolactam

Concen: 0.68 ng

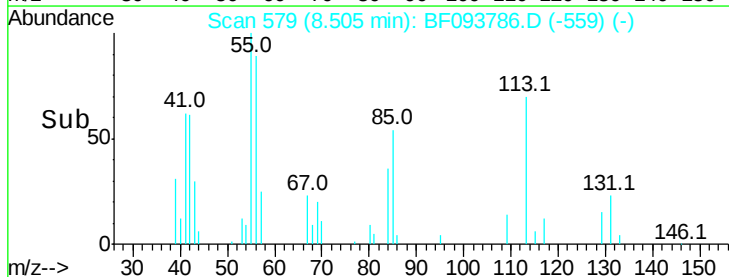
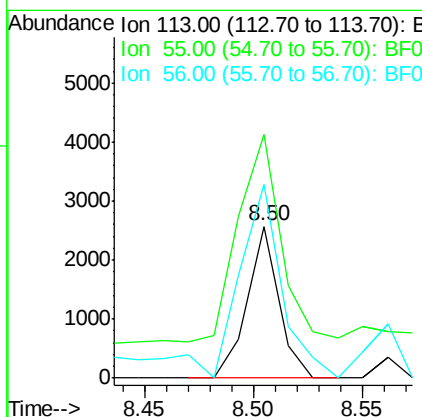
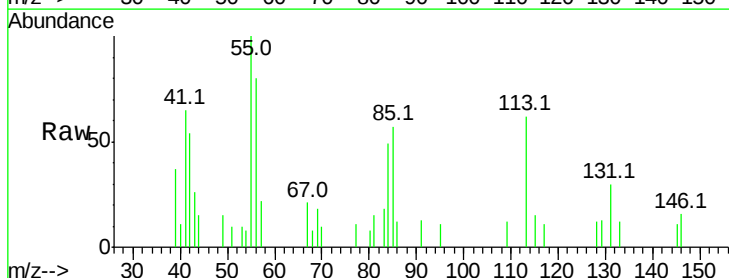
RT: 8.50 min Scan# 579

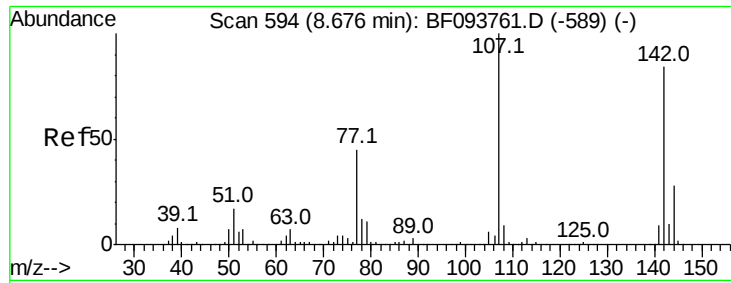
Delta R.T. -0.07 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	113	Resp:	2586
Ion Ratio	Lower	Upper	
113	100		
55	160.3	150.2	190.2
56	127.6	107.8	147.8





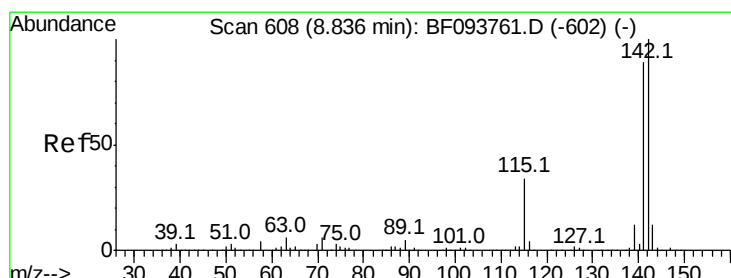
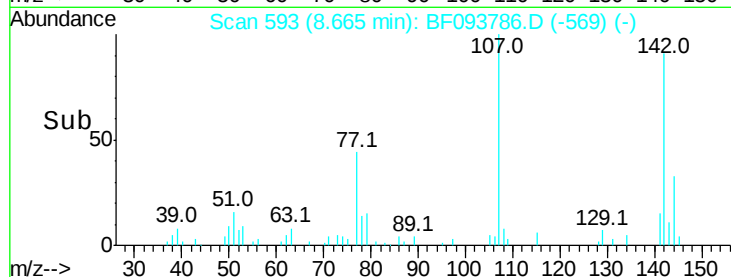
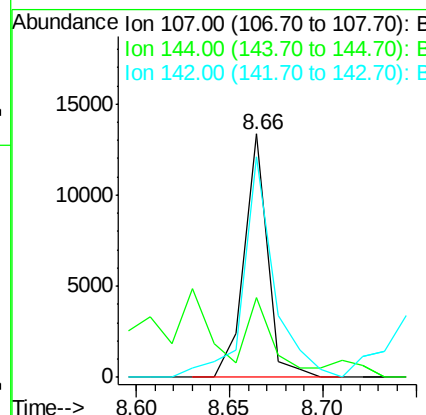
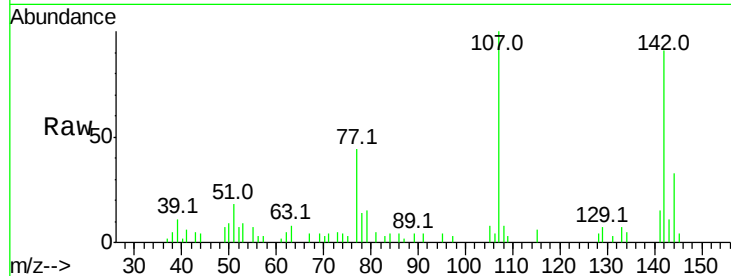
#36
 4-Chloro-3-methylphenol
 Concen: 0.94 ng
 RT: 8.66 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	32.7	24.2	36.4
142	90.5	73.4	110.0

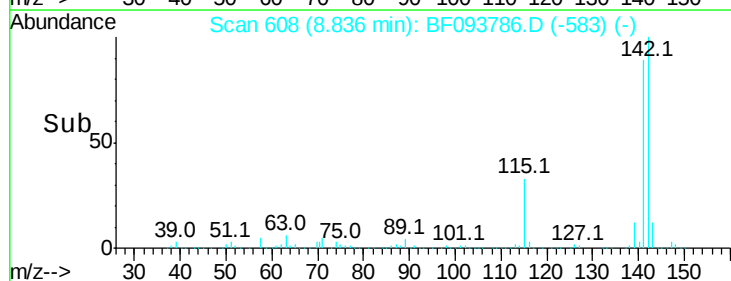
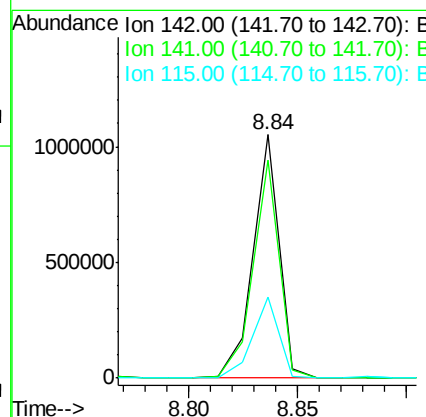
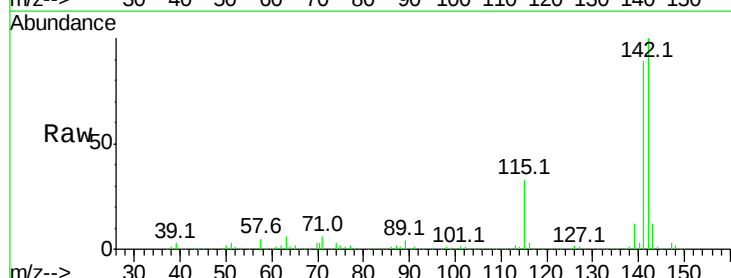
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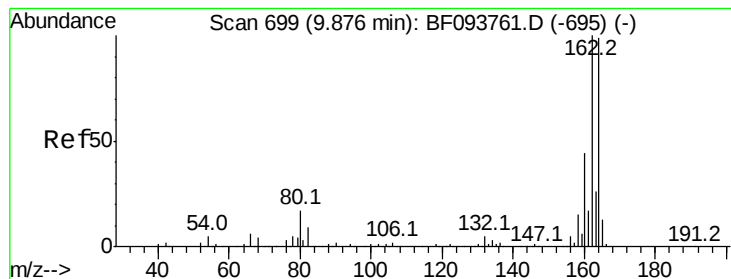
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#37
 2-Methylnaphthalene
 Concen: 31.95 ng
 RT: 8.84 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	33.2	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

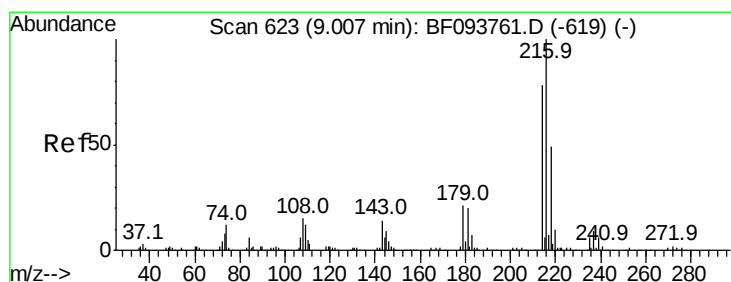
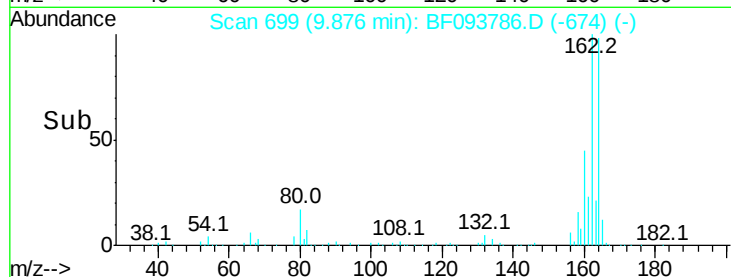
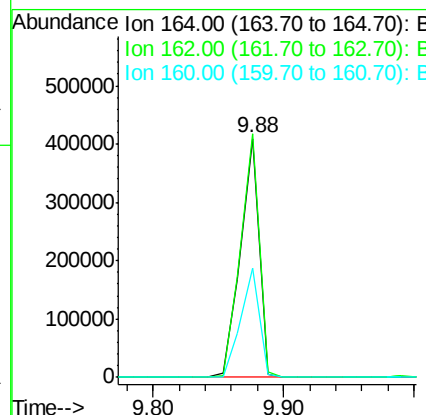
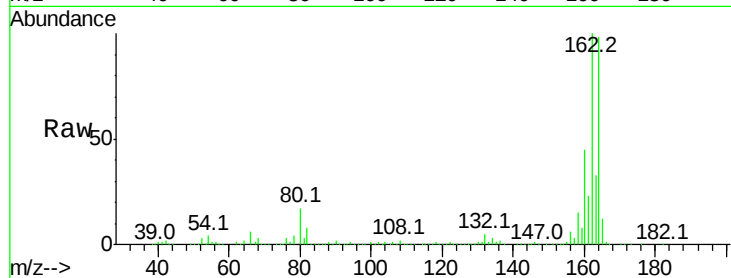
ClientSampled :

CTMIX-1MS

Tot Ion:	164	Resp:	404929
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.6	123.8
160	45.5	36.2	54.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.97 ng

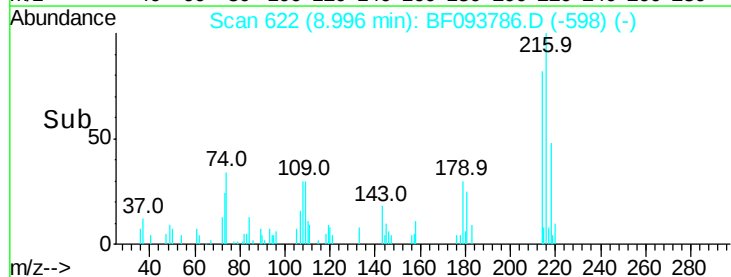
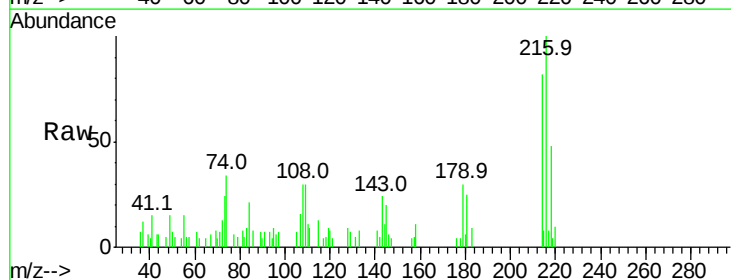
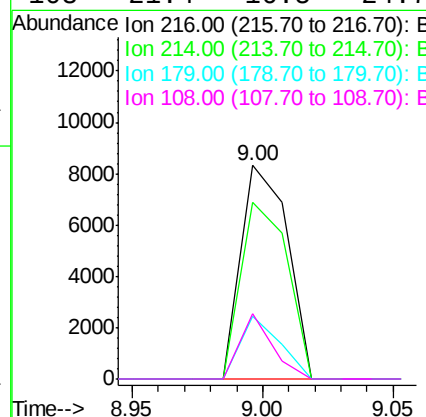
RT: 9.00 min Scan# 622

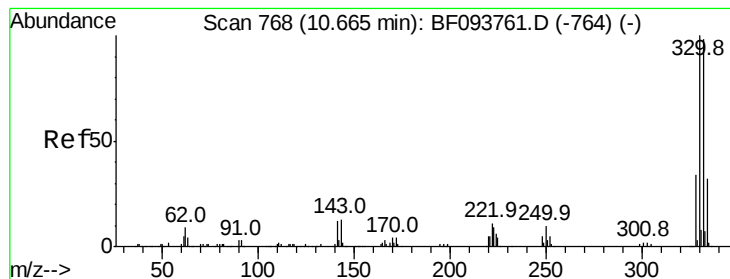
Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	216	Resp:	10421
Ion Ratio	Lower	Upper	
216	100		
214	82.7	63.4	95.2
179	25.0	17.9	26.9
108	21.4	16.5	24.7





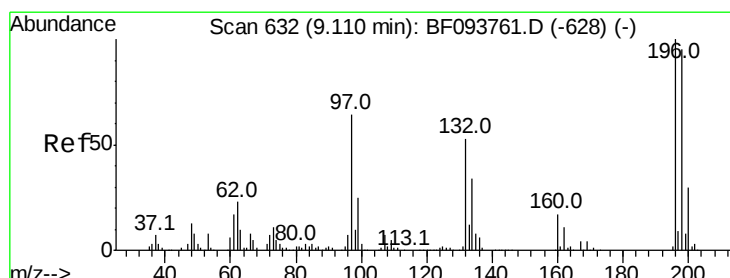
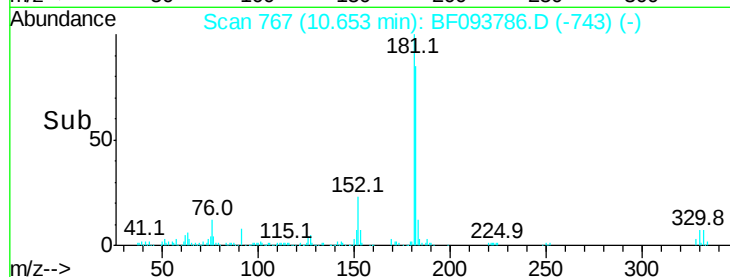
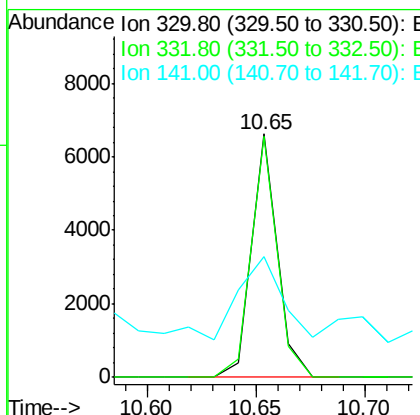
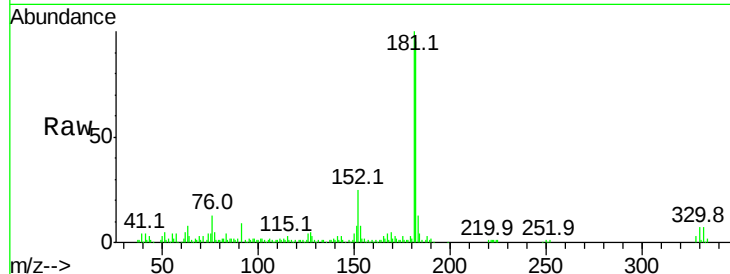
#41
 2,4,6-Tribromophenol
 Concen: 1.73 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	115.0
141	54.5	31.4	47.2#

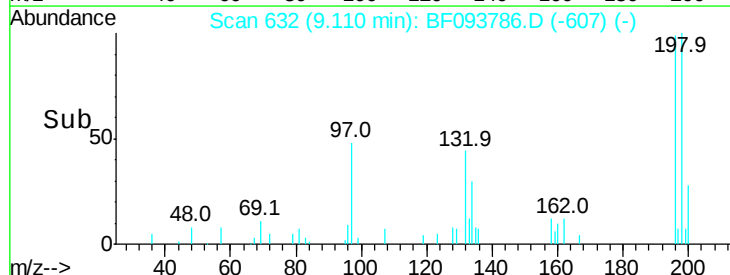
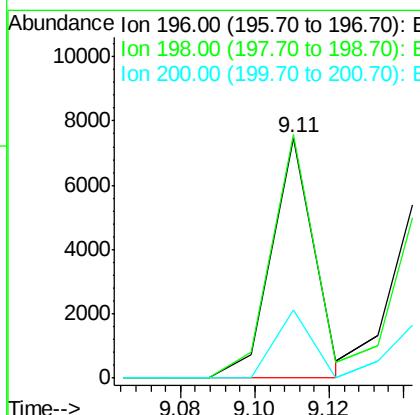
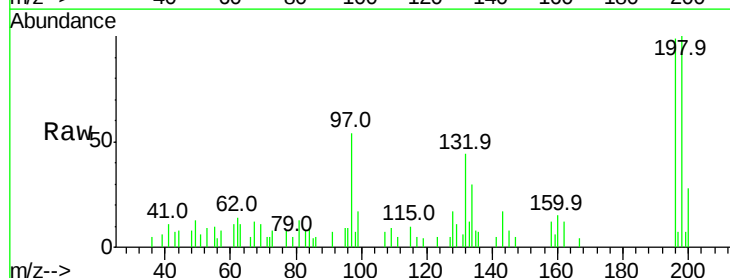
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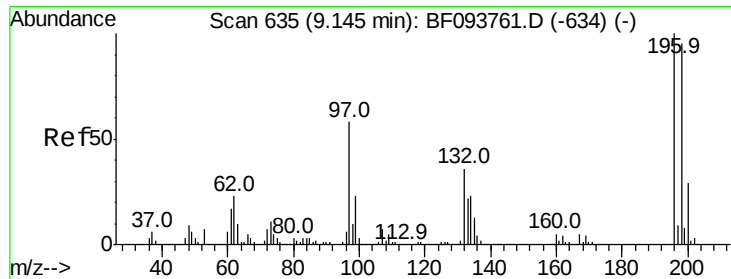
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#42
 2,4,6-Trichlorophenol
 Concen: 0.77 ng m
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.2	111.4
200	28.4	24.0	36.0





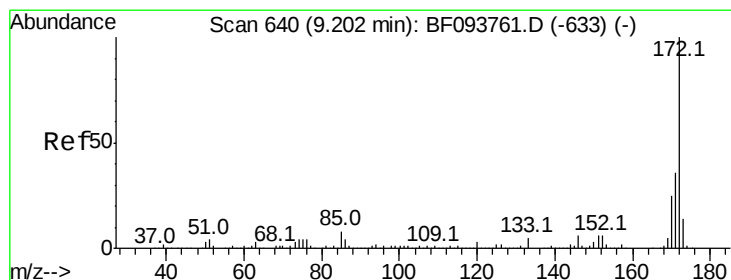
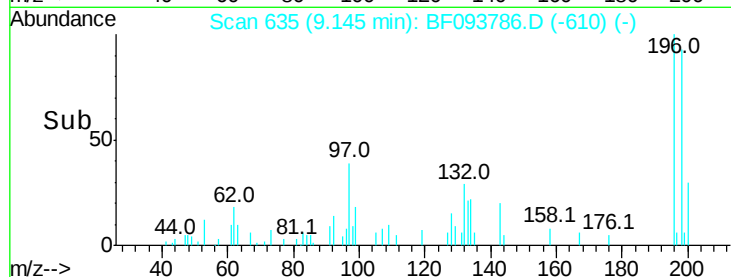
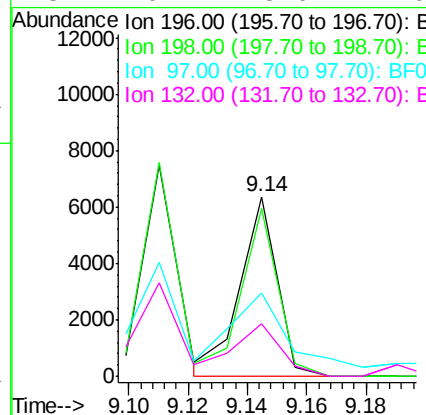
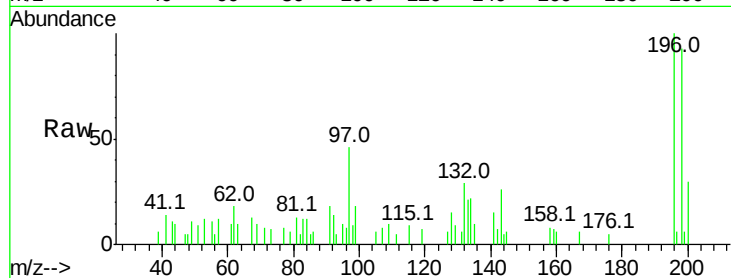
#43
 2,4,5-Trichlorophenol
 Concen: 0.68 ng/ml
 RT: 9.14 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	5495		
198	93.3		75.7	113.5
97	46.0		47.7	71.5#
132	29.4		28.0	42.0

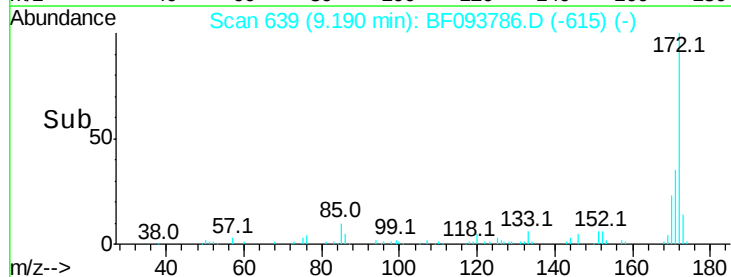
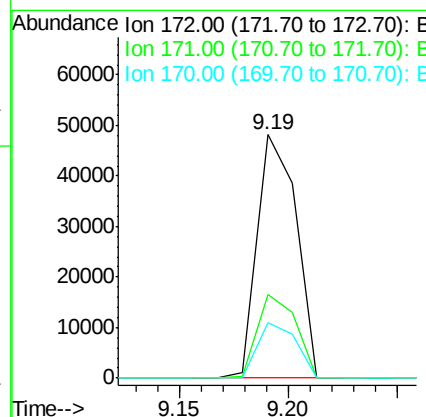
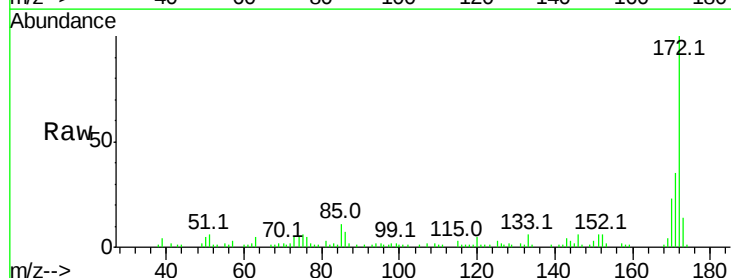
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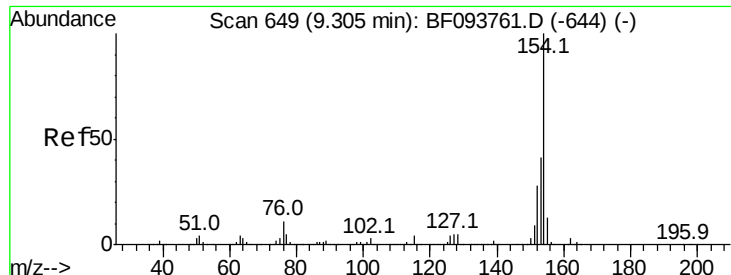
mohammad
 3/21/2017 2:45:59 PM



#44
 2-Fluorobiphenyl
 Concen: 2.50 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	60124		
171	34.6		29.6	44.4
170	22.8		19.8	29.8





#45

1,1'-Biphenyl

Concen: 7.84 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

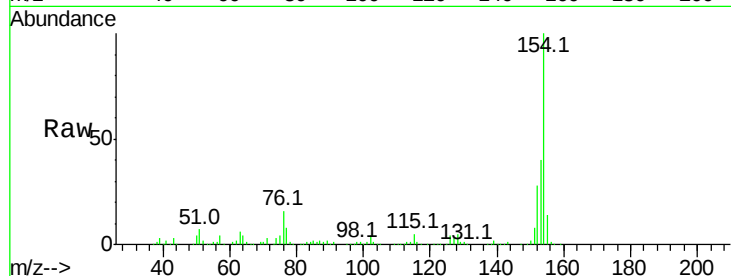
ClientSampleId :

CTMIX-1MS

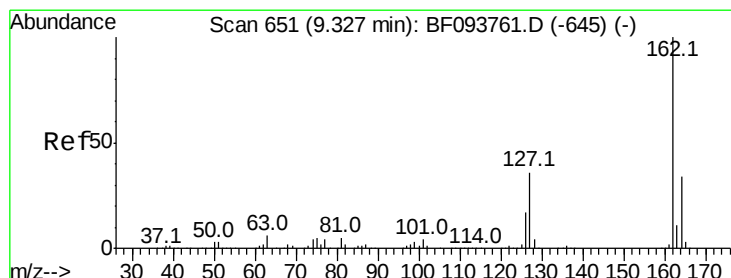
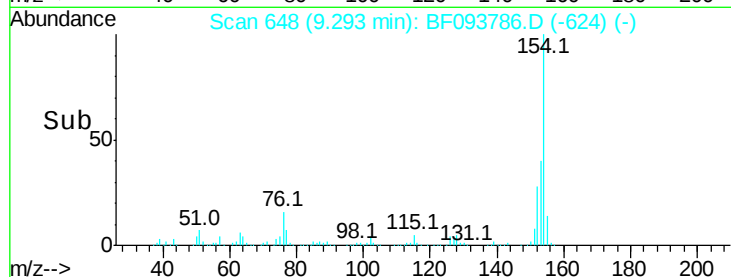
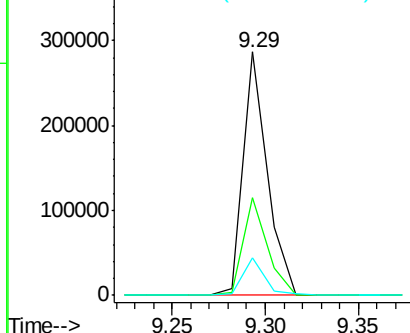
Tot Ion:	154	Resp:	258153
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.2	61.2
76	15.7	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 1.10 ng

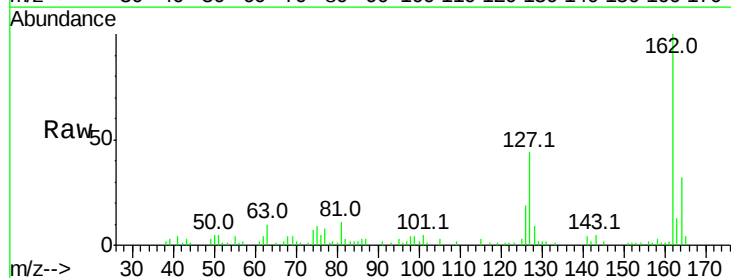
RT: 9.32 min Scan# 650

Delta R.T. -0.02 min

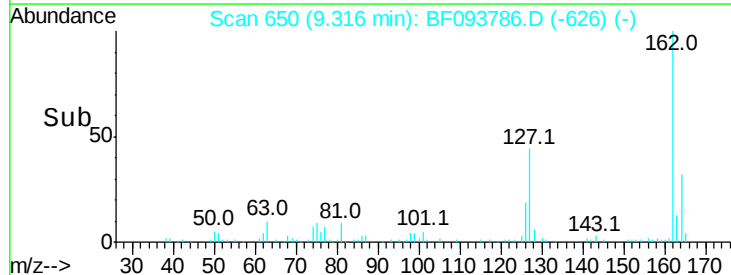
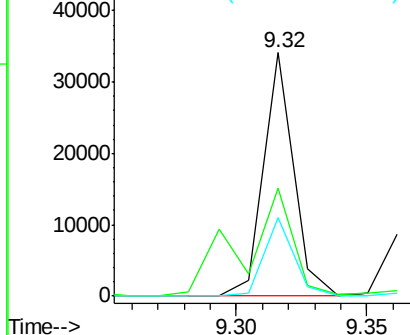
Lab File: BF093786.D

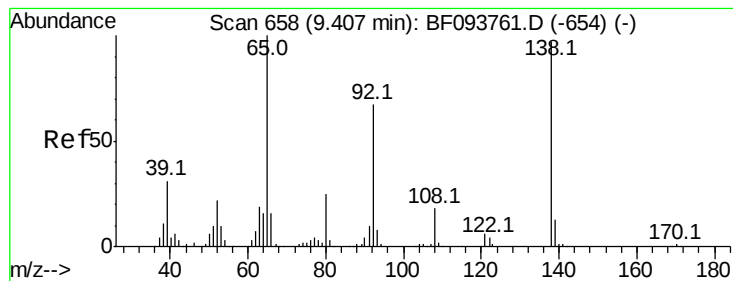
Acq: 21 Mar 2017 1:22

Tgt Ion:	162	Resp:	27642
Ion Ratio	Lower	Upper	
162	100		
127	44.2	28.3	42.5#
164	32.1	27.0	40.4



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





#47

2-Nitroaniline

Concen: 0.93 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

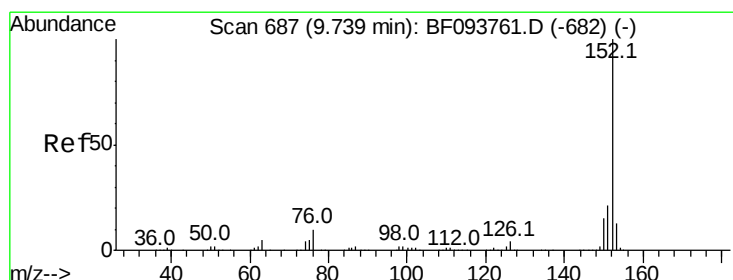
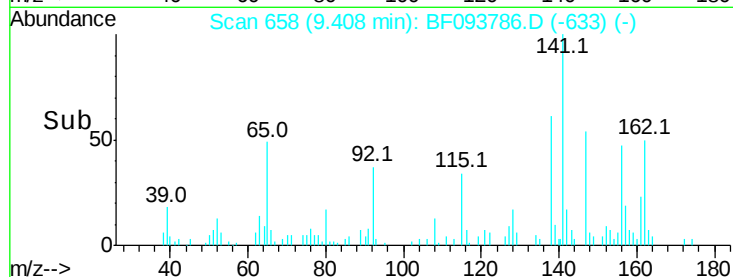
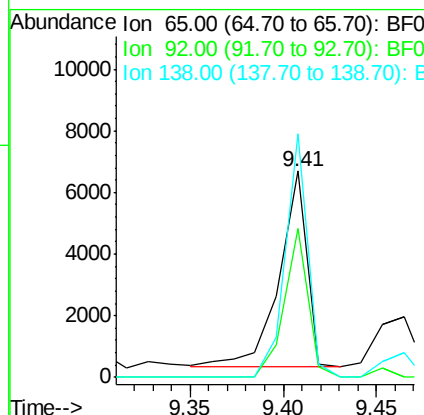
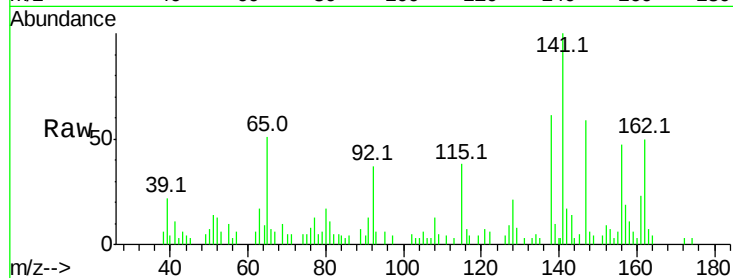
ClientSampleId :

CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	118.1	78.8	118.2

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#48

Acenaphthylene

Concen: 24.13 ng

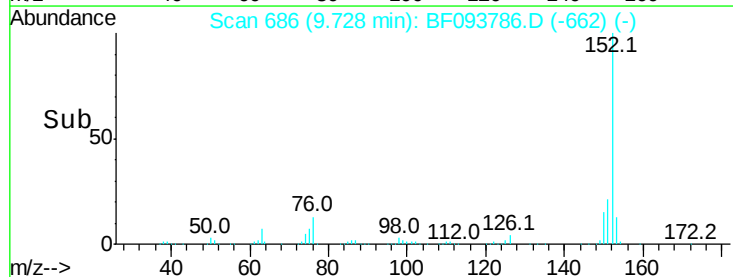
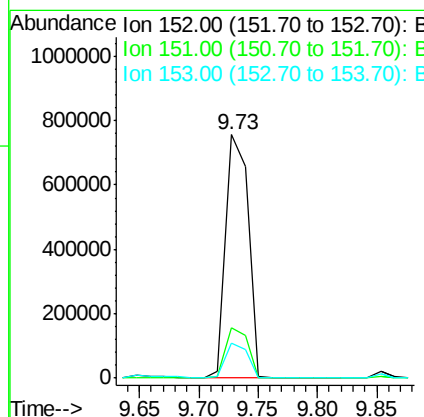
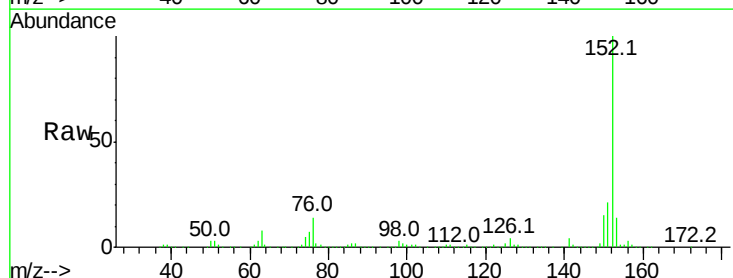
RT: 9.73 min Scan# 686

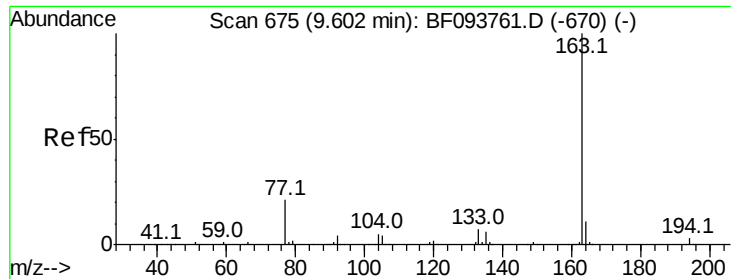
Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.4	10.8	16.2





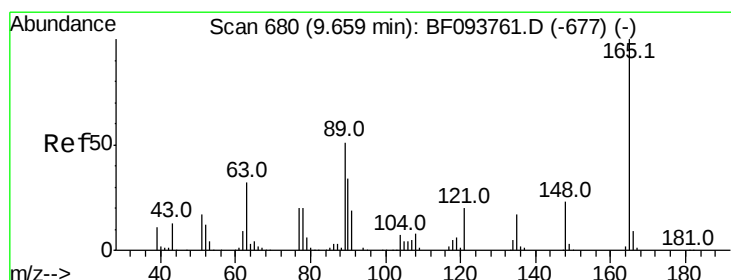
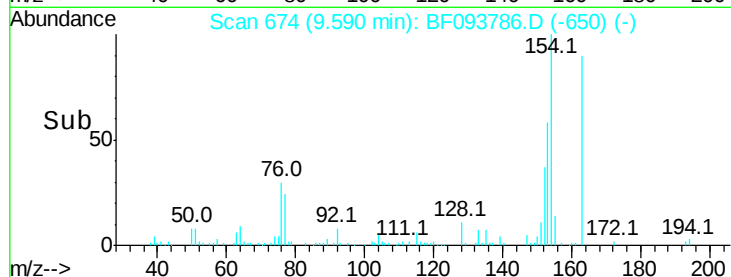
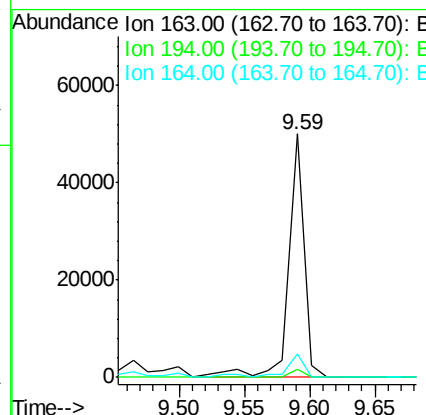
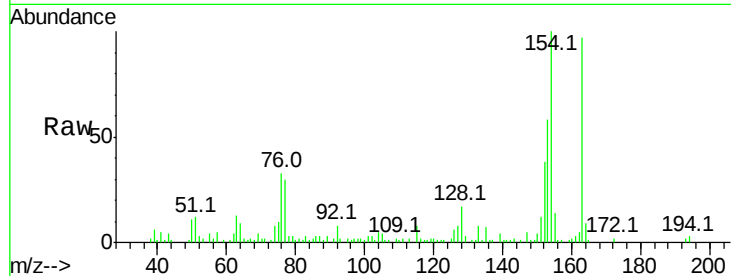
#49
Dimethylphthalate
Concen: 1.46 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	42096		
194	3.5		2.6	4.0
164	9.6		8.4	12.6

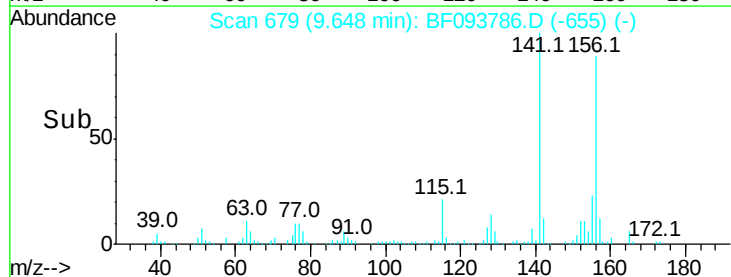
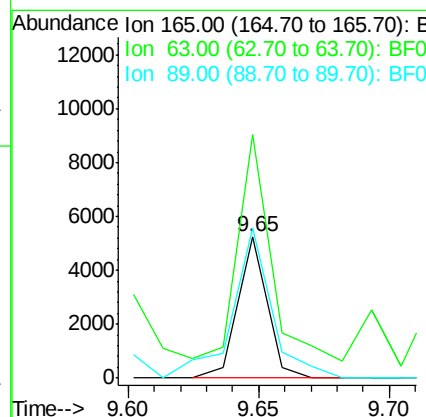
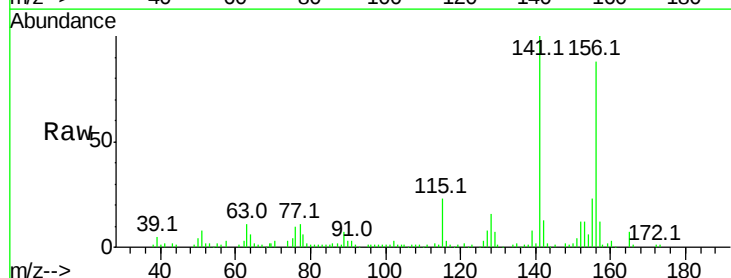
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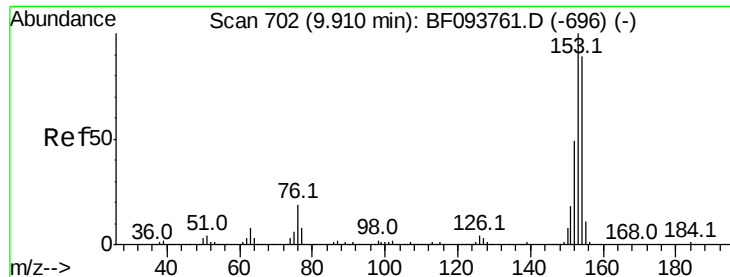
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#50
2,6-Dinitrotoluene
Concen: 0.65 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	4143		
63	172.1		34.3	51.5#
89	106.6		37.1	55.7#





#51

Acenaphthene

Concen: 5.04 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

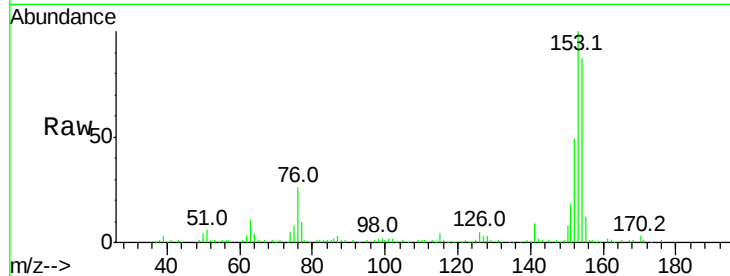
ClientSampleId :

CTMIX-1MS

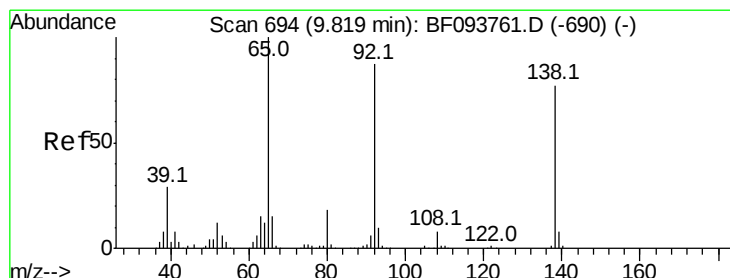
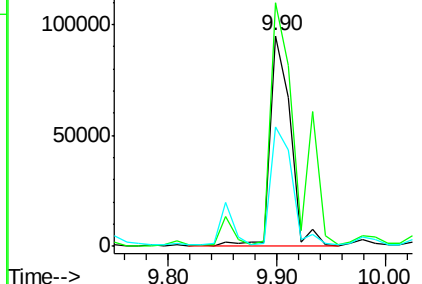
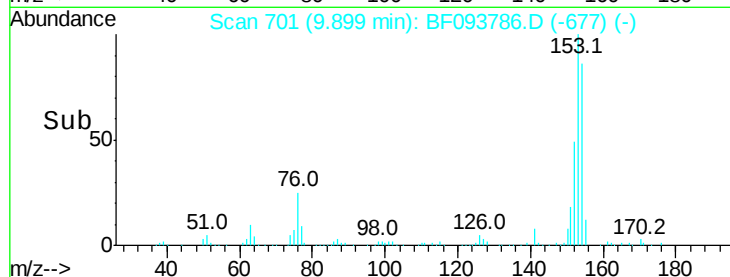
Tot Ion:	154	Resp:	123636
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.5	135.7
152	56.7	43.6	65.4

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



#52

3-Nitroaniline

Concen: 0.66 ng

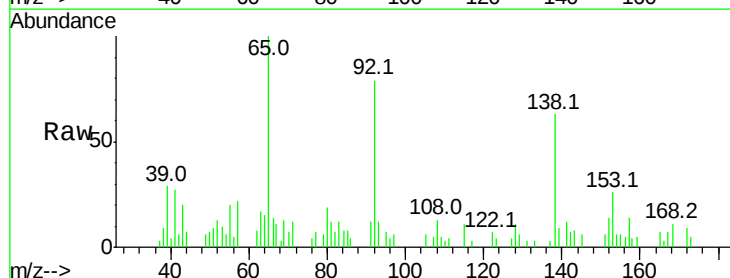
RT: 9.81 min Scan# 693

Delta R.T. -0.02 min

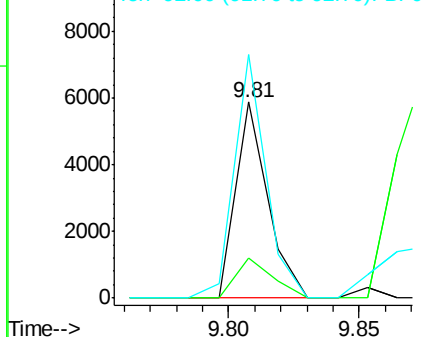
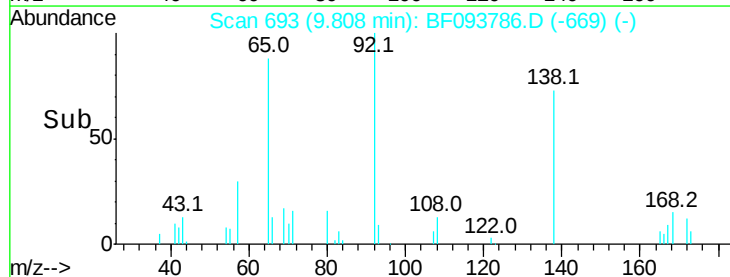
Lab File: BF093786.D

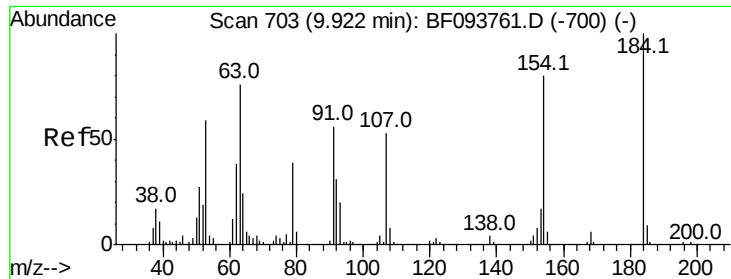
Acq: 21 Mar 2017 1:22

Tgt Ion:	138	Resp:	5032
Ion Ratio	Lower	Upper	
138	100		
108	20.2	9.1	13.7#
92	124.3	93.8	140.6



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





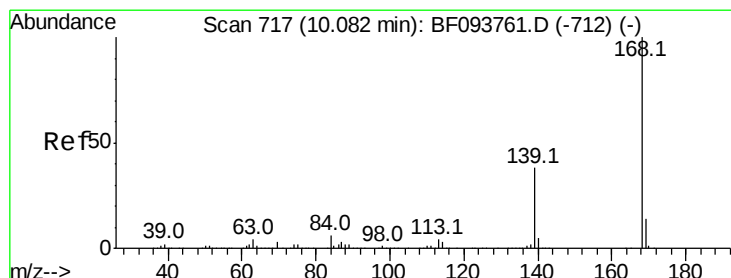
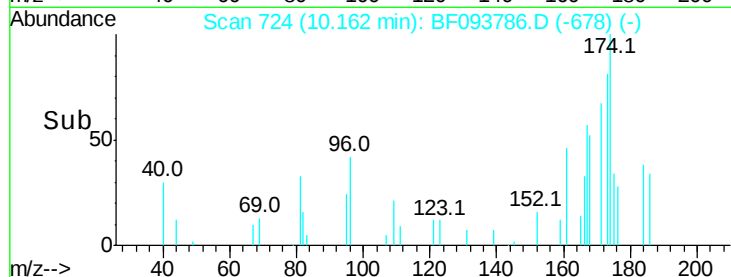
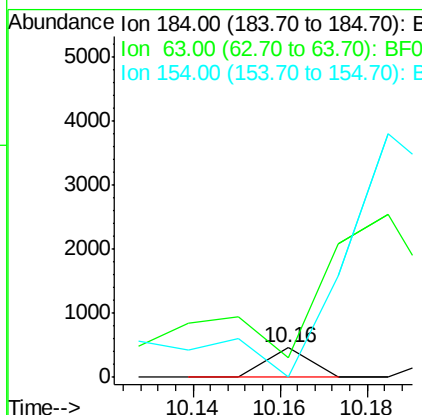
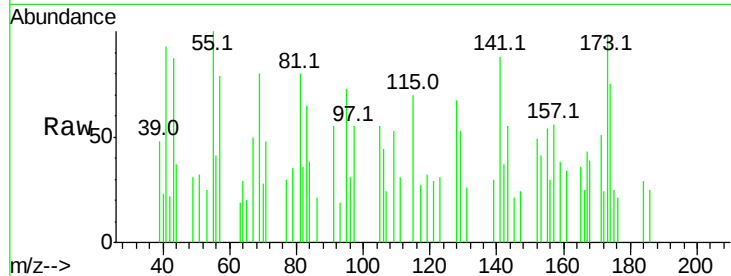
#53
2,4-Dinitrophenol
Concen: 0.13 ng
RT: 10.16 min Scan# 724
Delta R.T. 0.23 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	62.7	94.1
154	0.0	81.1	121.7#

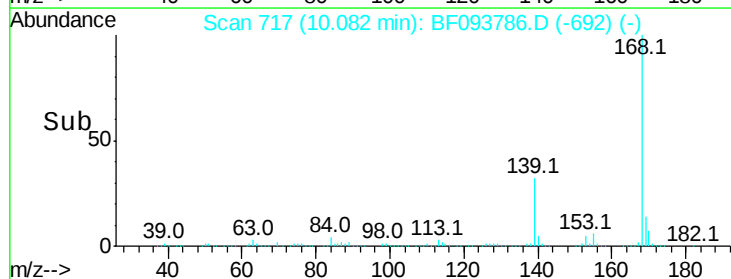
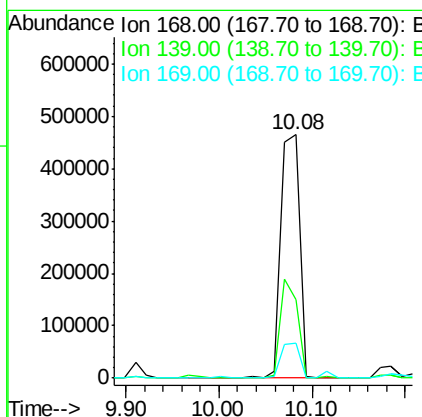
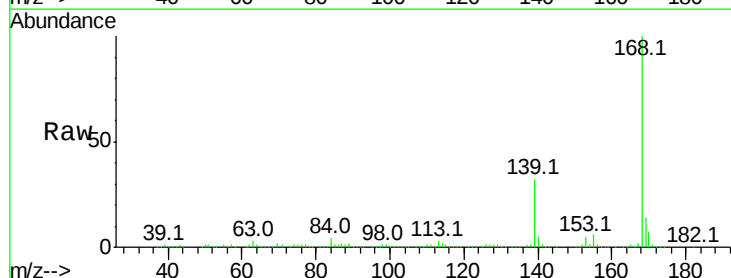
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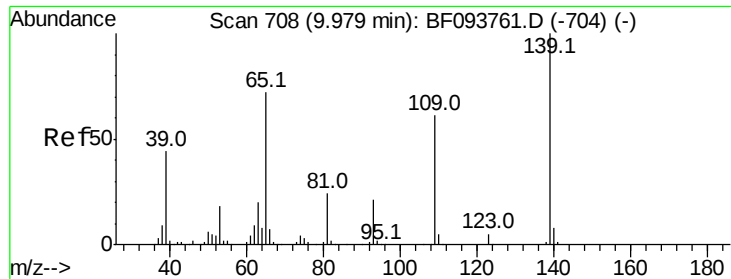
mohammad
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#54
Dibenzofuran
Concen: 19.56 ng
RT: 10.08 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	32.1	30.6	45.8
169	14.2	10.8	16.2





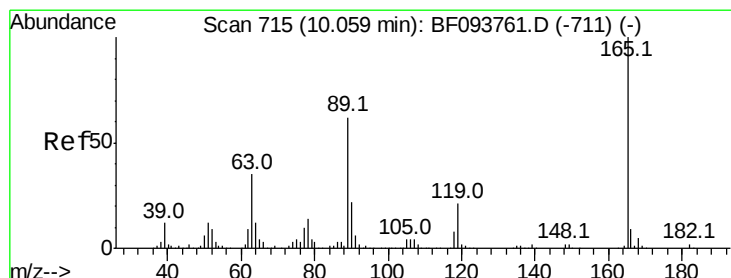
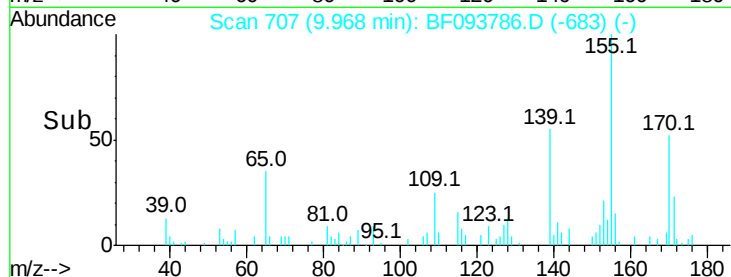
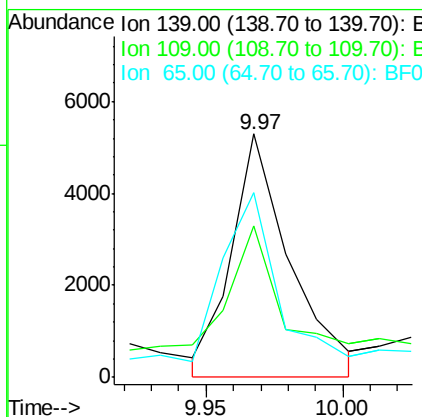
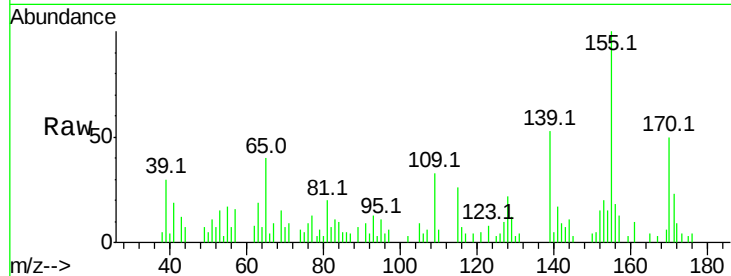
#55
4-Nitrophenol
Concen: 1.39 ng/ml
RT: 9.97 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	7915		
109	62.2	34.1	74.1	
65	75.8	31.4	71.4	

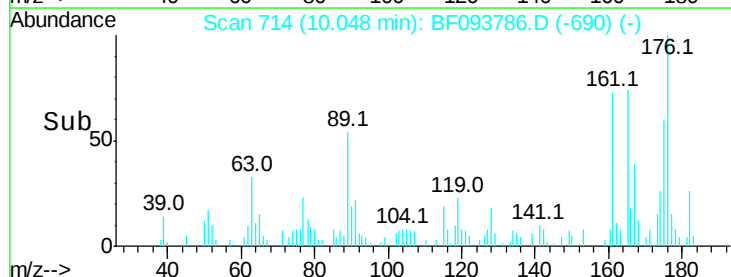
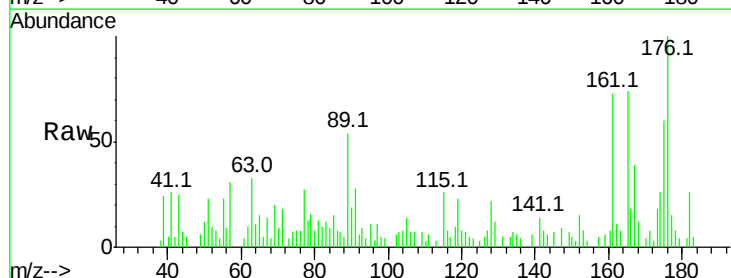
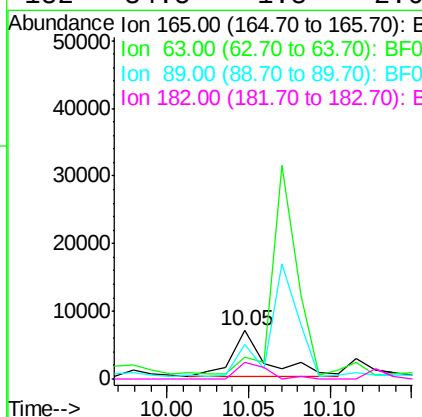
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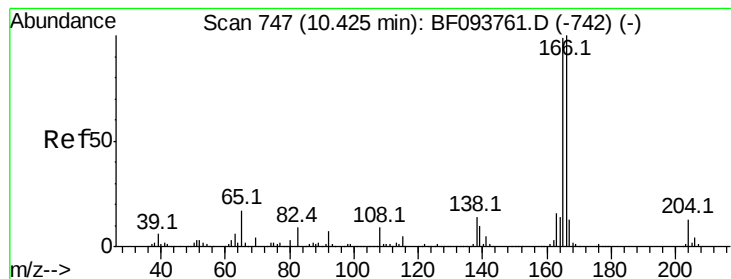
mohammad
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#56
2,4-Dinitrotoluene
Concen: 1.26 ng/ml
RT: 10.05 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	10132		
63	44.2	25.4	38.0	
89	72.4	46.4	69.6	
182	34.5	1.8	2.6	





#57

Fluorene

Concen: 31.82 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

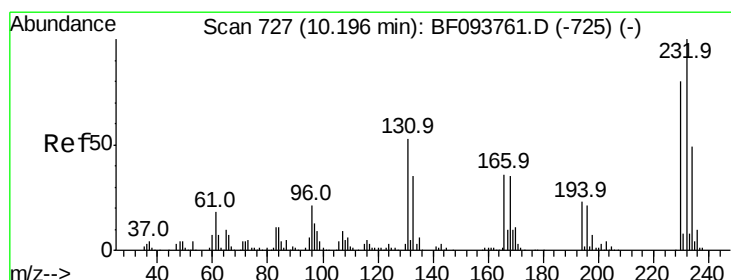
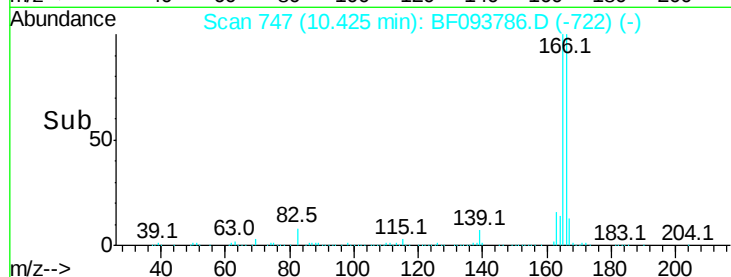
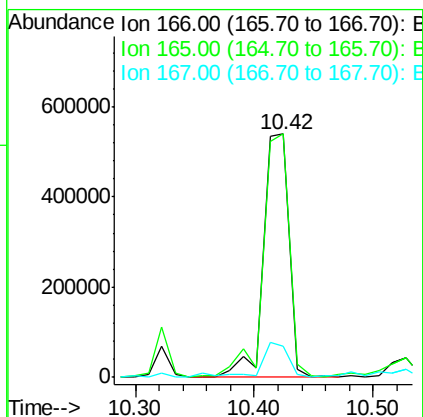
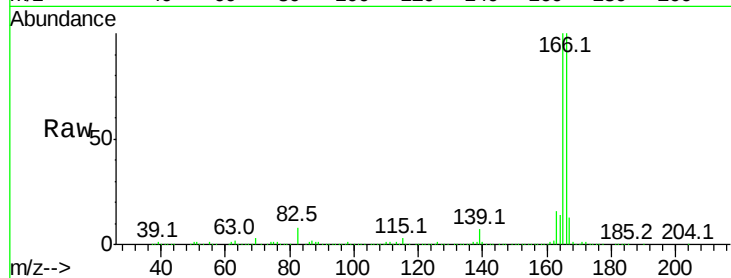
ClientSampleId :

CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.8	118.2
167	12.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 0.41 ng

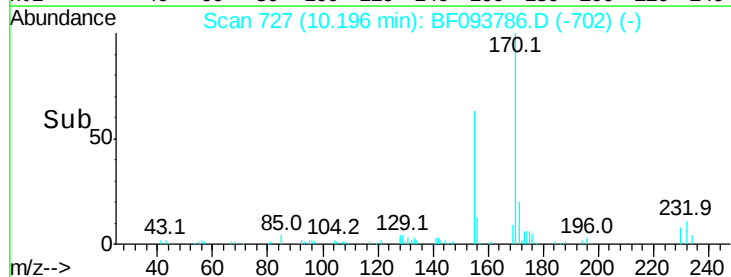
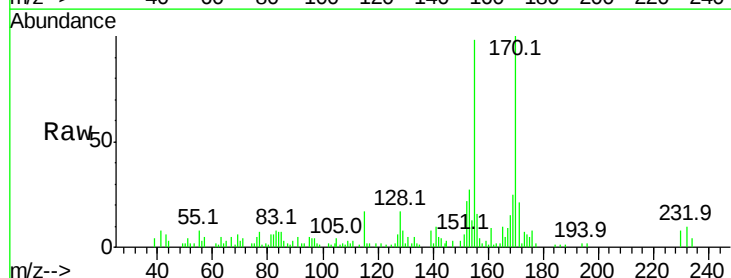
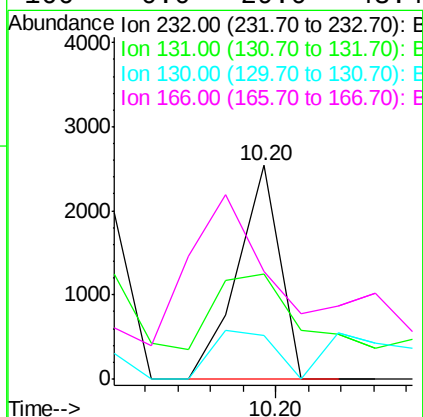
RT: 10.20 min Scan# 727

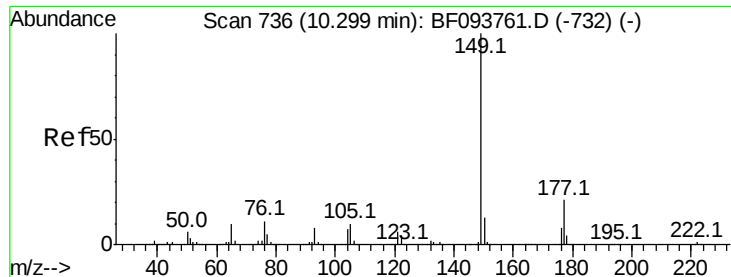
Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	80.8	44.8	67.2#
130	33.0	2.3	3.5#
166	0.0	29.0	43.4#





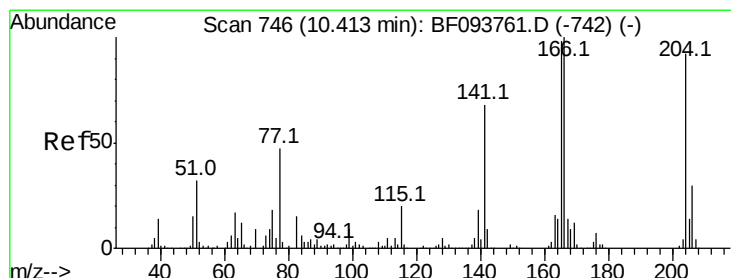
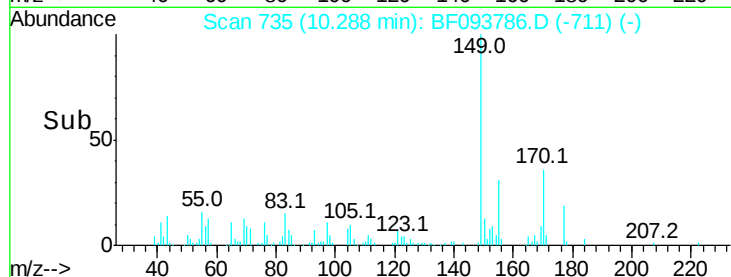
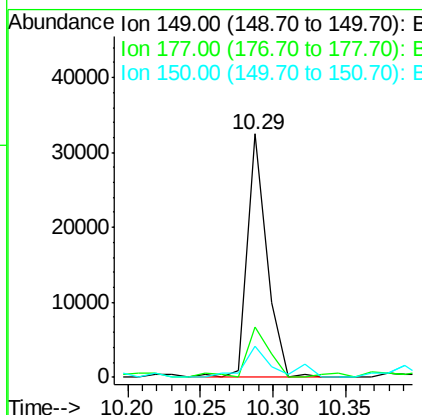
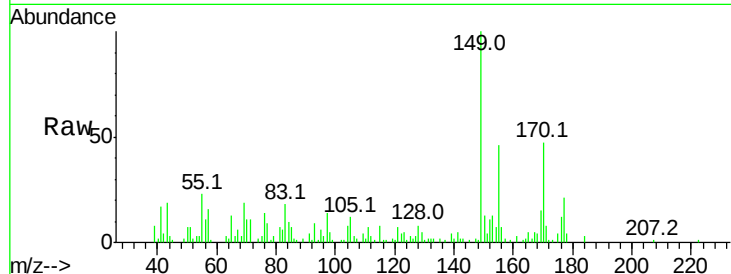
#59
Diethylphthalate
Concen: 1.08 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	30199		
177	20.6		16.7	25.1
150	13.0		10.2	15.2

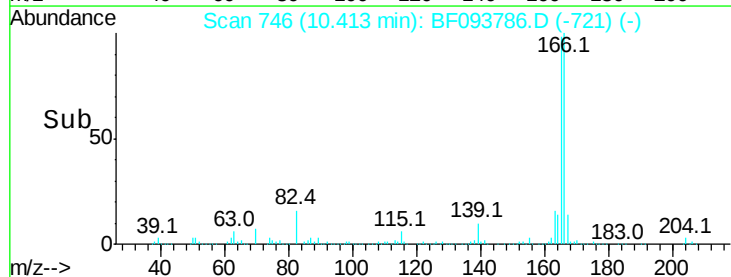
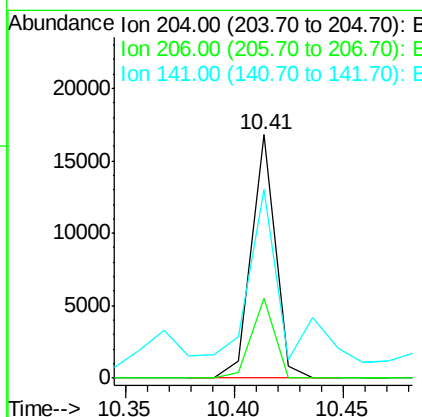
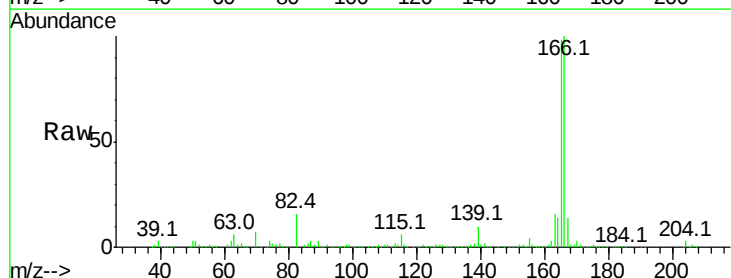
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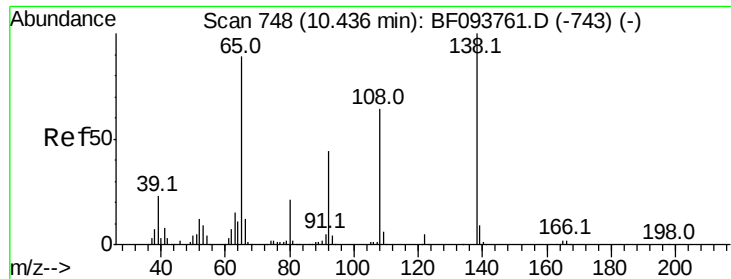
mohammad
3/21/2017 2:45:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 1.21 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	12915		
206	32.6		26.2	39.2
141	77.3		60.8	91.2





#61

4-Nitroaniline

Concen: 2.10 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MS

Tot Ion:138 Resp: 14287

Ion Ratio Lower Upper

138 100

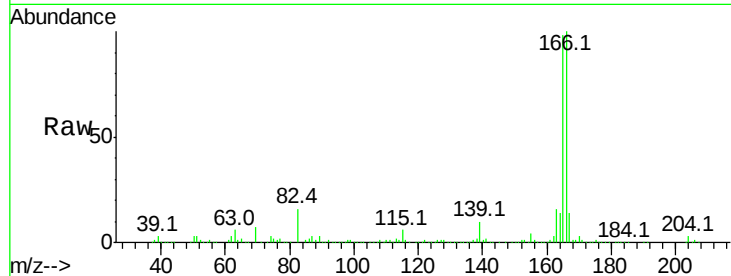
92 25.2 21.8 61.8

108 37.1 42.3 82.3#

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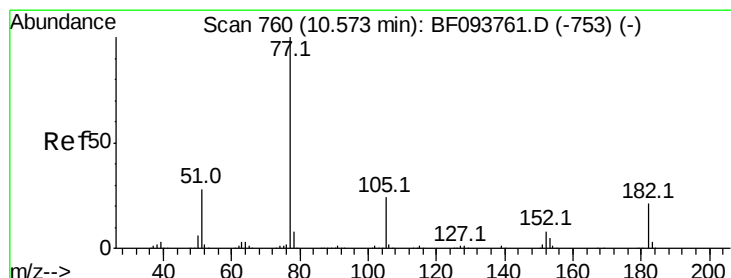
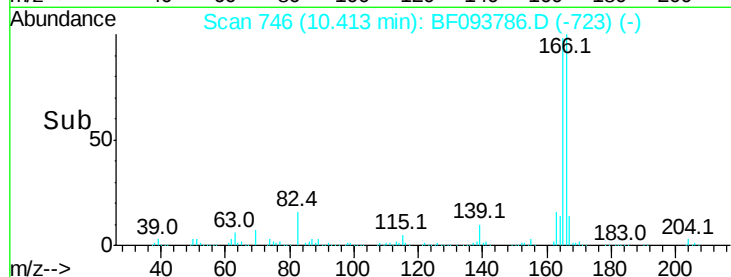
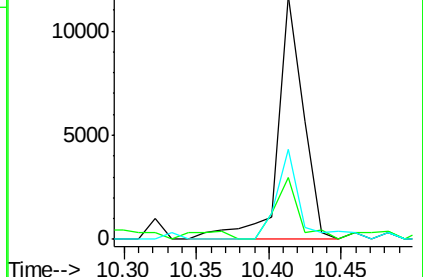
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 1.33 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion: 77 Resp: 37049

Ion Ratio Lower Upper

77 100

182 439.1 0.1 40.1#

105 27.5 3.6 43.6

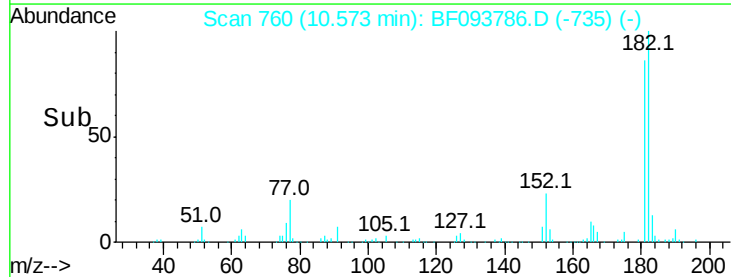
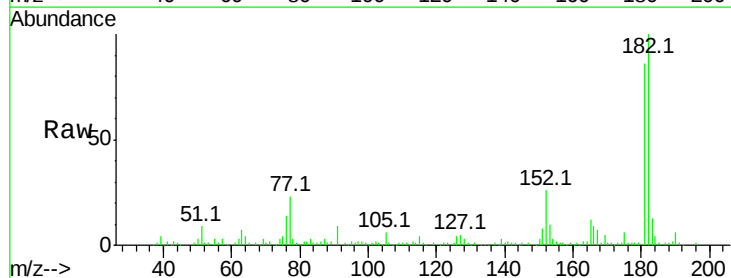
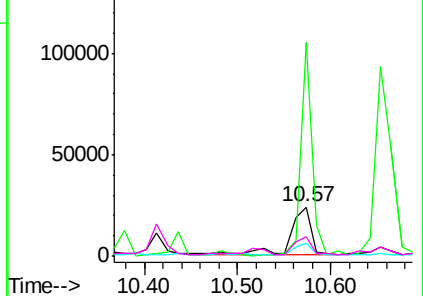
51 38.9 9.4 49.4

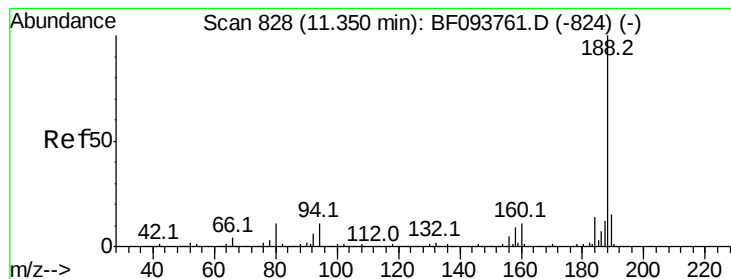
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

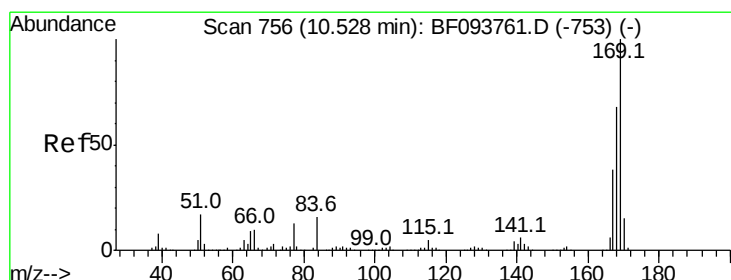
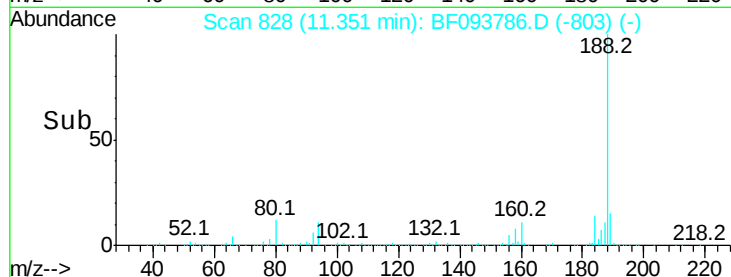
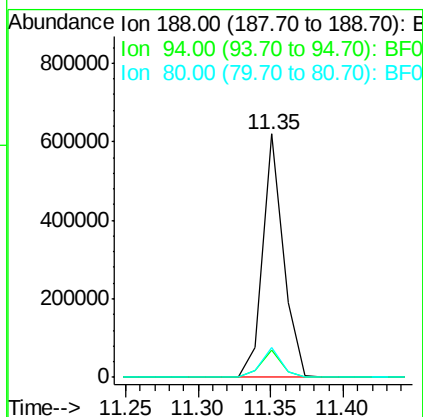
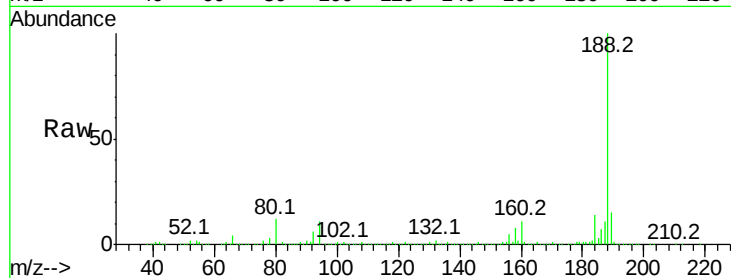
ClientSampleId :

CTMIX-1MS

Tot Ion:	188	Resp:	612193
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	12.1	10.2	15.2

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#65

n-Nitrosodiphenylamine

Concen: 1.75 ng

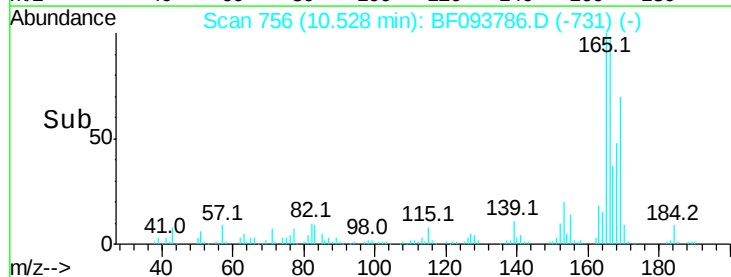
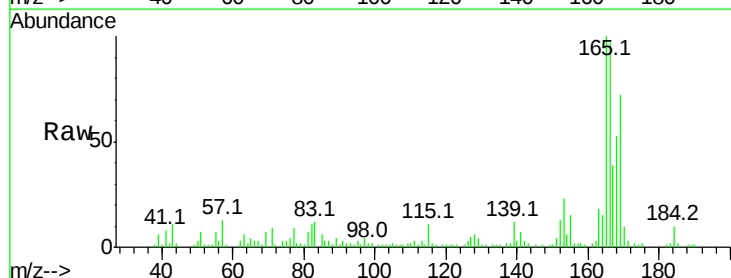
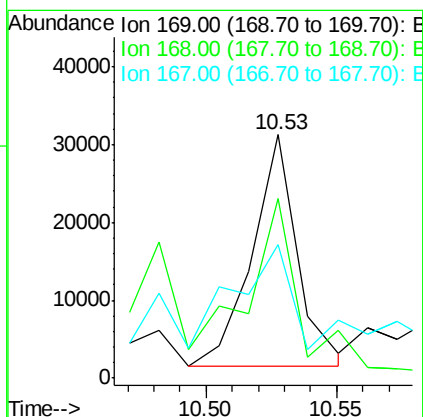
RT: 10.53 min Scan# 756

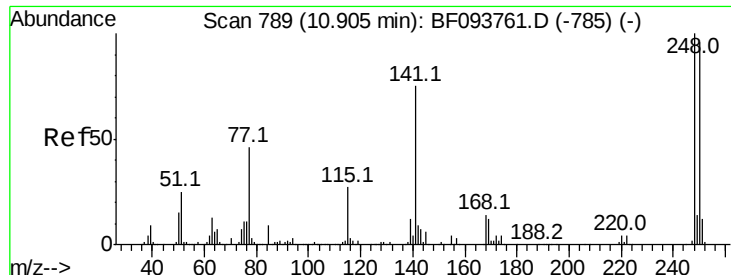
Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	169	Resp:	35703
Ion Ratio	Lower	Upper	
169	100		
168	73.8	53.2	79.8
167	54.8	29.5	44.3#





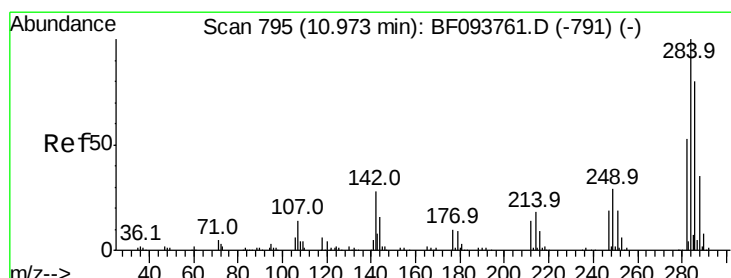
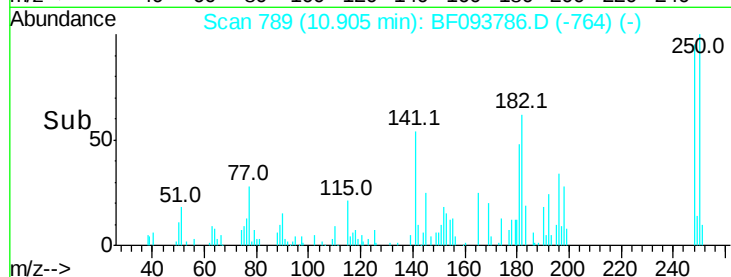
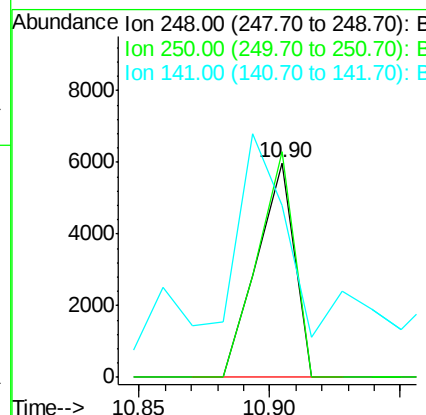
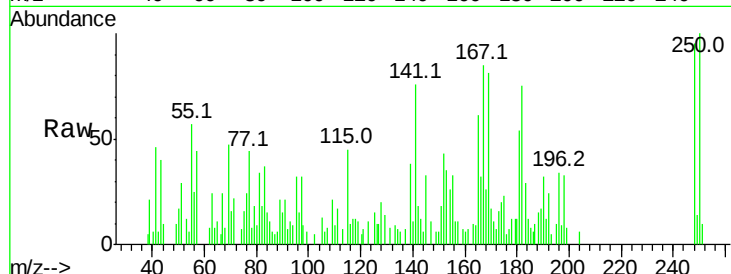
#66
4-Bromophenyl-phenylether
Concen: 1.03 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	105.3	76.8	115.2
141	80.2	68.6	103.0

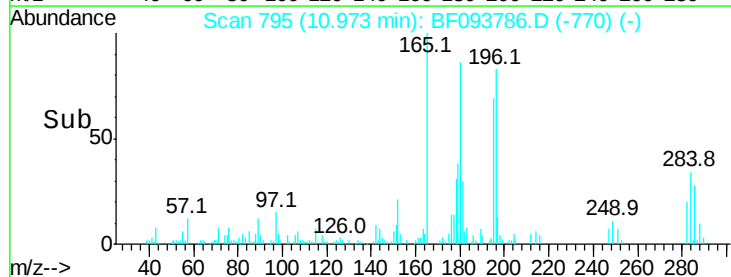
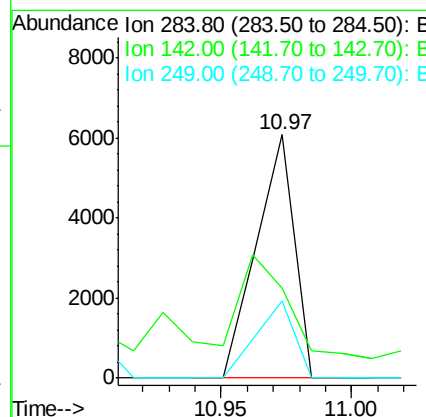
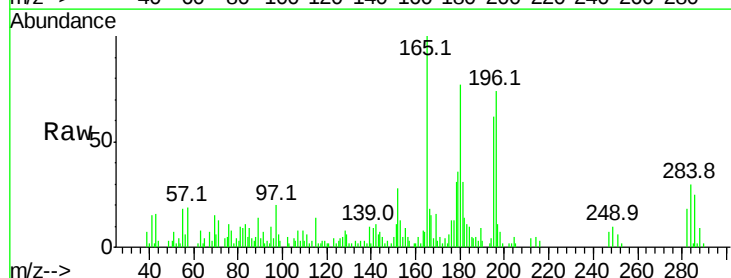
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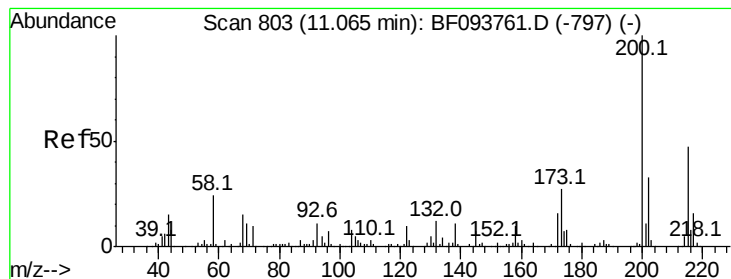
mohammad
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#67
Hexachlorobenzene
Concen: 1.02 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	22.8	34.2#
249	31.5	24.0	36.0





#68

Atrazine

Concen: 1.23 ng

RT: 11.05 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

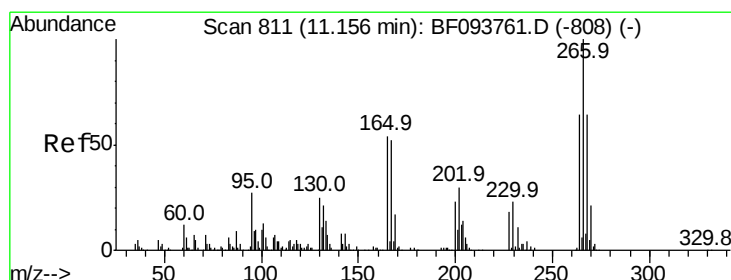
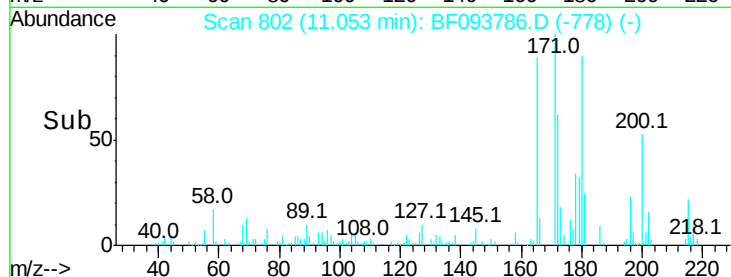
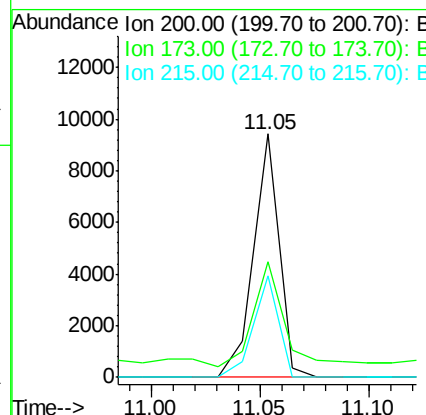
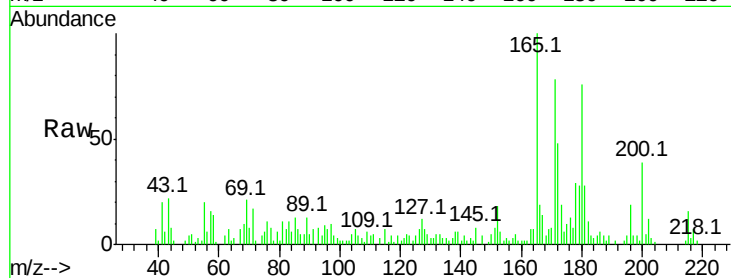
ClientSampleId :

CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	47.4	6.3	46.3#
215	42.0	27.2	67.2

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#69

Pentachlorophenol

Concen: 0.27 ng

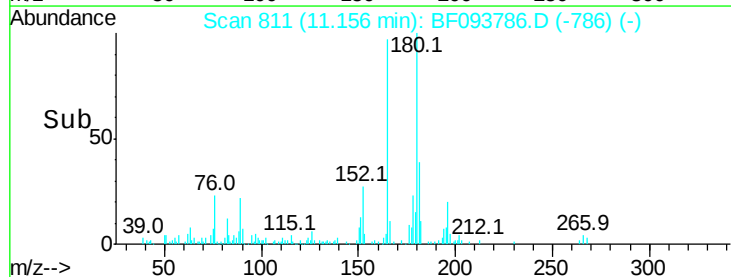
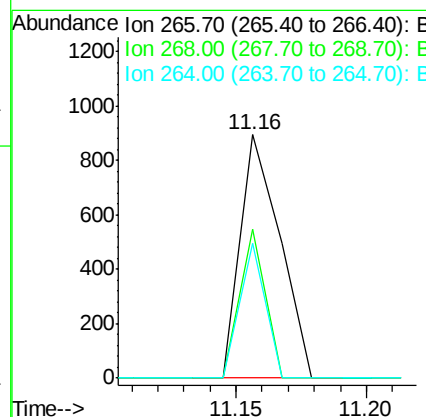
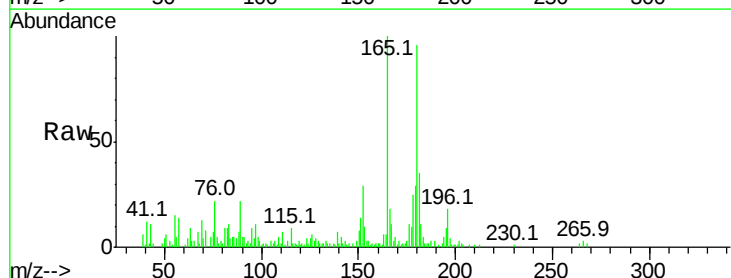
RT: 11.16 min Scan# 811

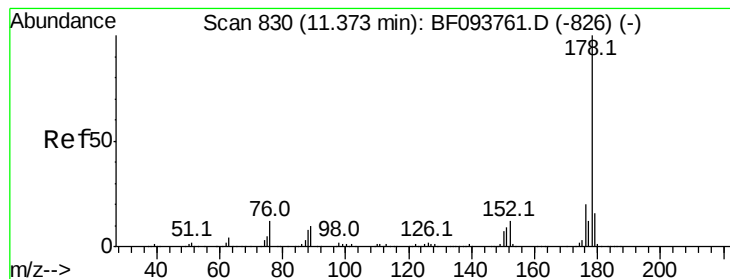
Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	55.5	51.7	77.5





#70

Phenanthrene

Concen: 74.33 ng

RT: 11.38 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

ClientSampled :

CTMIX-1MS

Tot Ion:178 Resp: 2423591

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

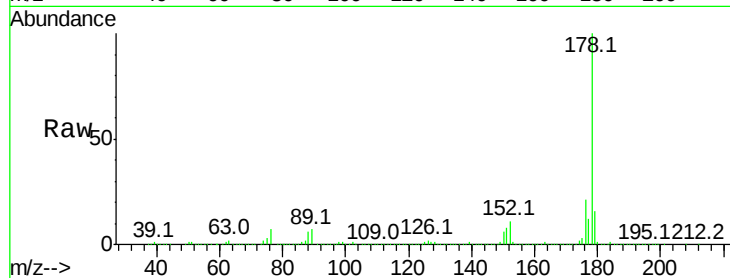
179 15.9 12.6 19.0

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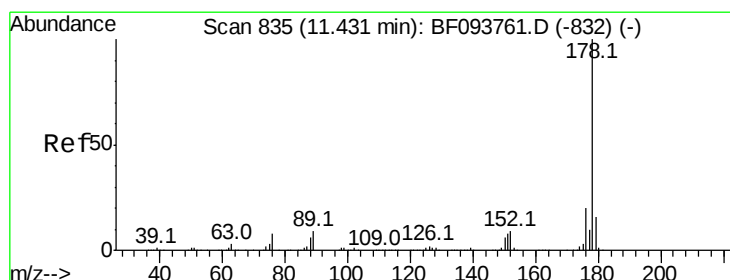
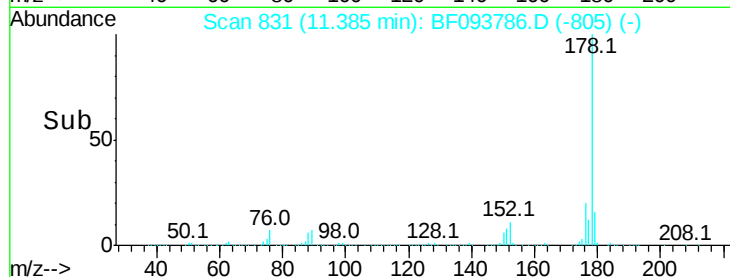
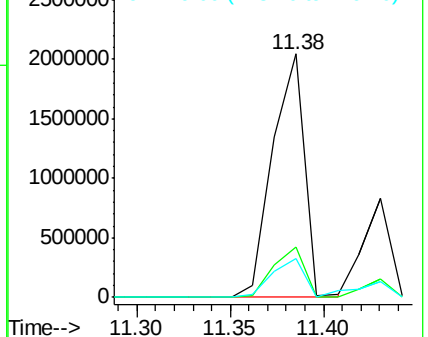
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 25.61 ng

RT: 11.43 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

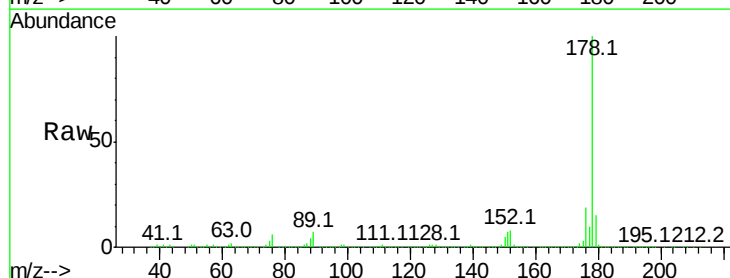
Tgt Ion:178 Resp: 859566

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

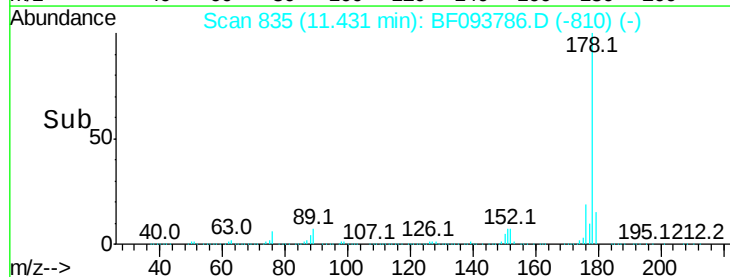
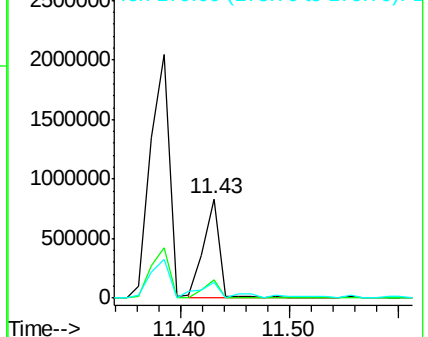
179 15.3 12.7 19.1

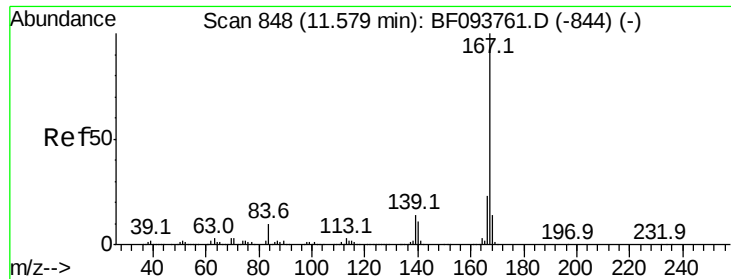


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





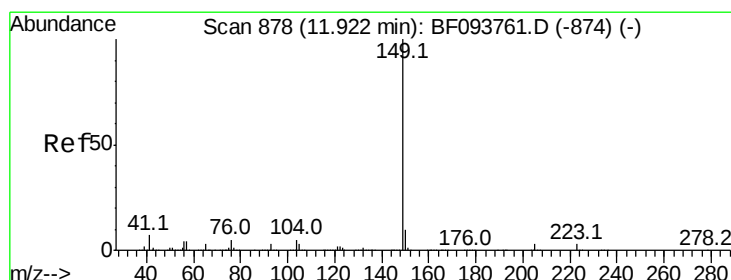
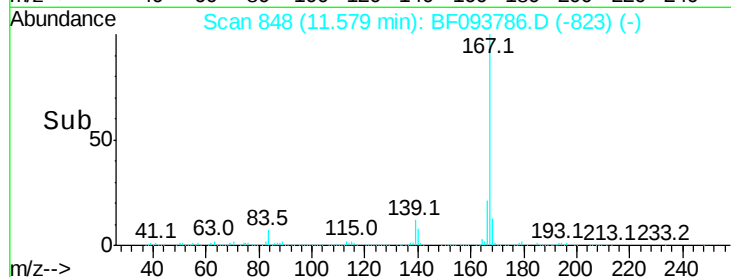
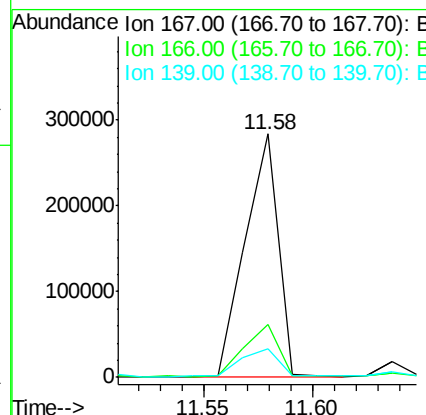
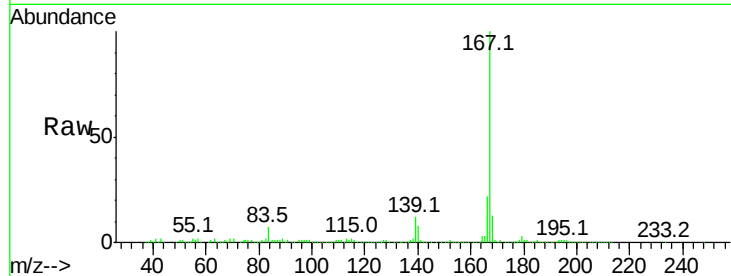
#72
 Carbazole
 Concen: 8.95 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	297294		
166	21.6		18.1	27.1
139	11.8		11.7	17.5

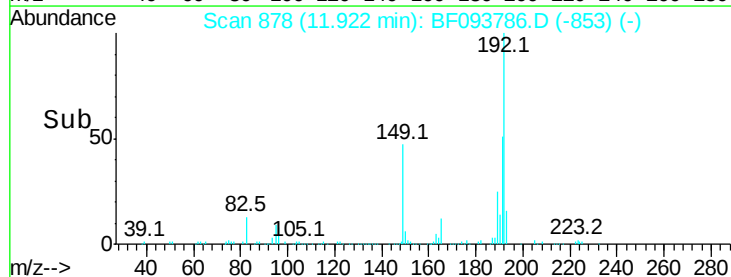
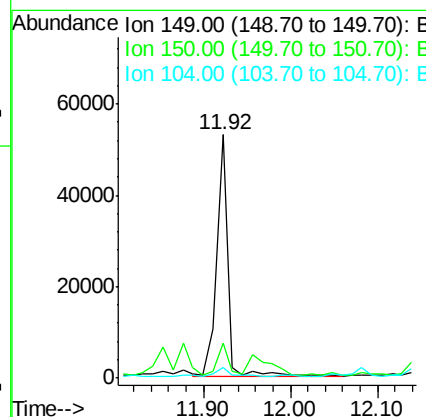
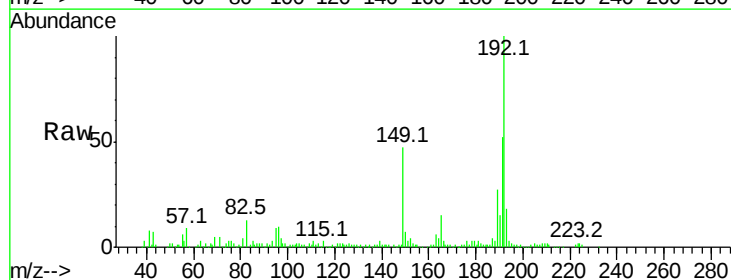
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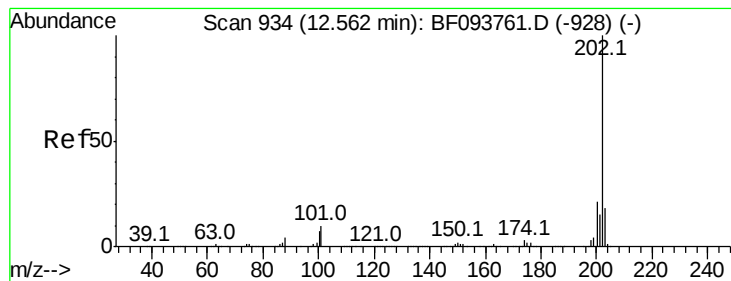
mohammad
 3/21/2017 2:45:59 PM



#73
 Di-n-butylphthalate
 Concen: 1.33 ng
 RT: 11.92 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF093786.D
 Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	47608		
150	14.2		7.7	11.5#
104	4.2		4.0	6.0





#74

Fluoranthene

Concen: 40.62 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

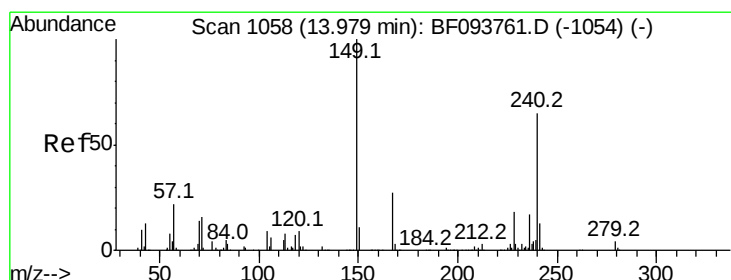
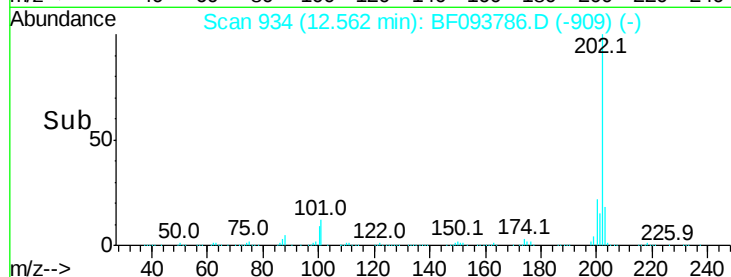
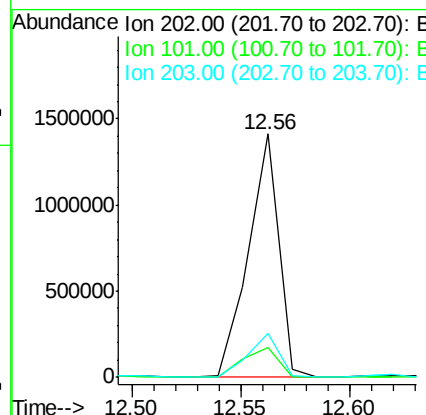
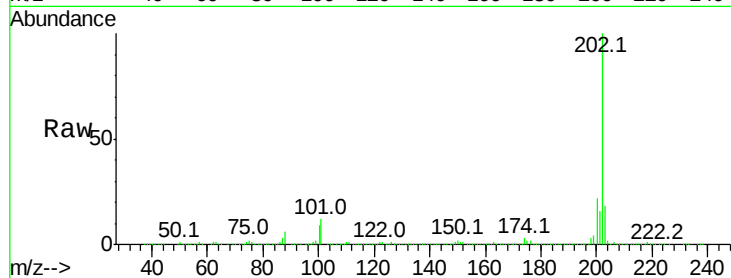
ClientSampleId :

CTMIX-1MS

Tot Ion:	202	Resp:	1361185
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

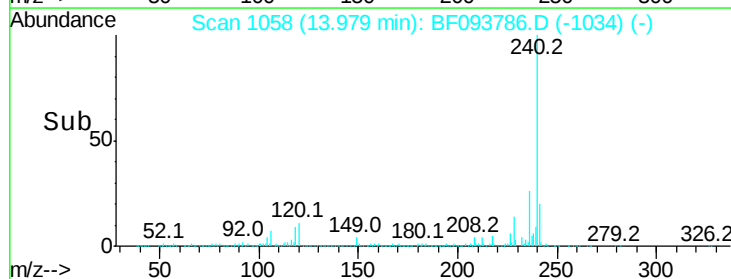
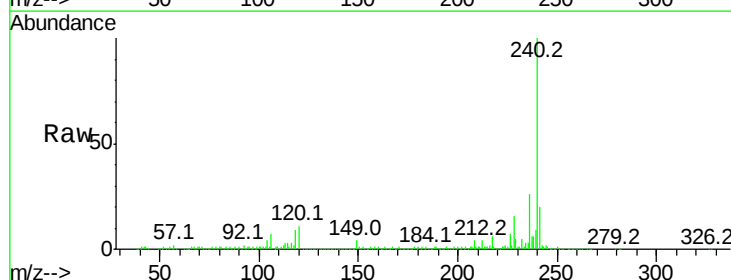
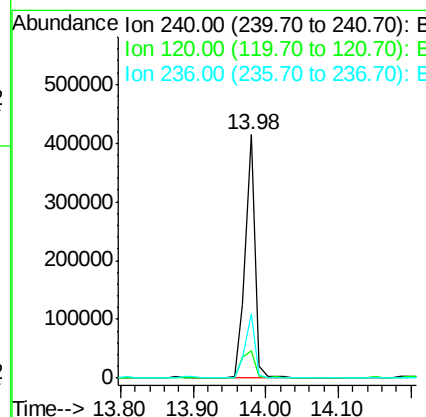
RT: 13.98 min Scan# 1058

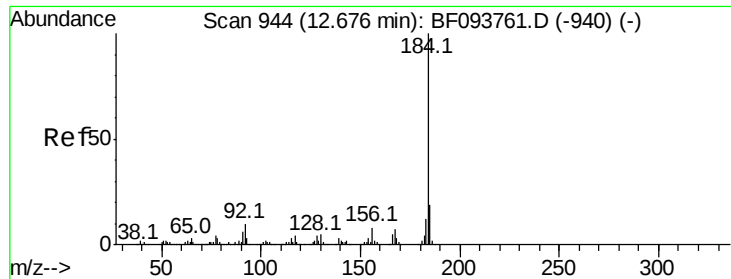
Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	240	Resp:	387988
Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.8	8.8#
236	26.3	20.5	30.7





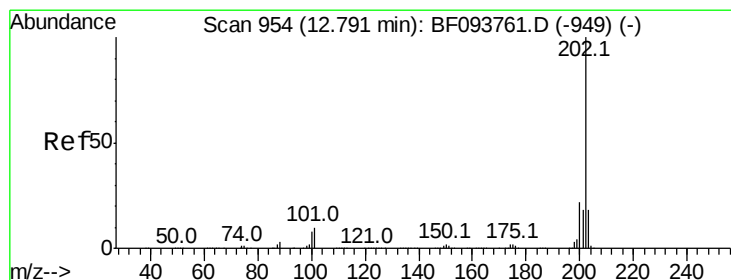
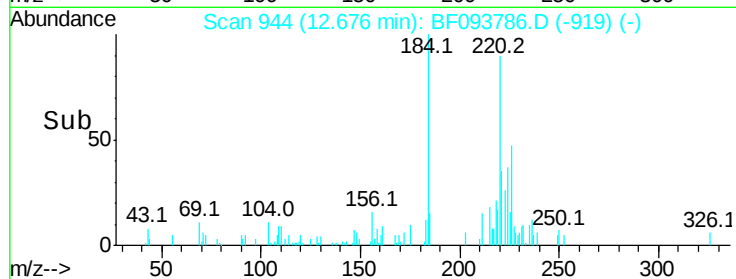
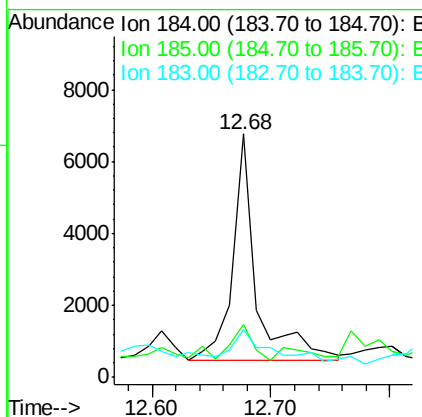
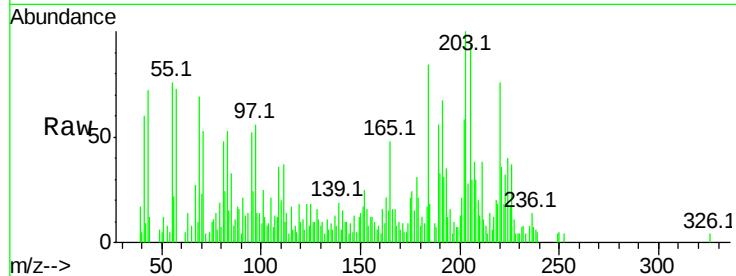
#76
Benzidine
Concen: 0.51 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	21.6	15.5	23.3	
183	19.8	9.8	14.6	

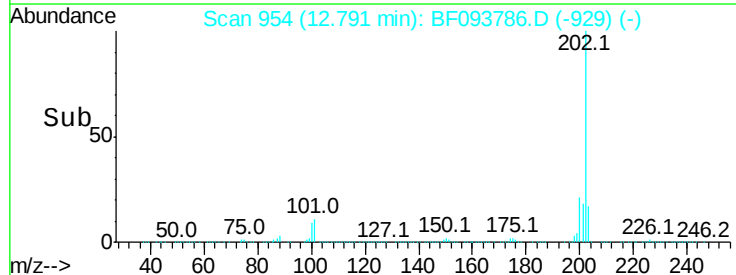
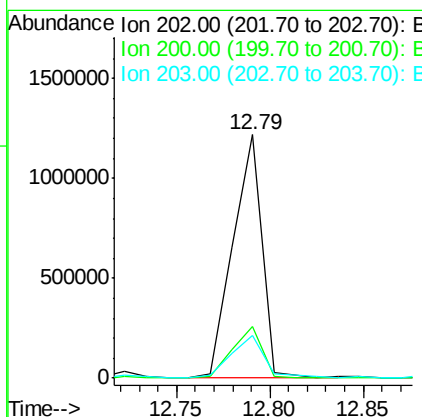
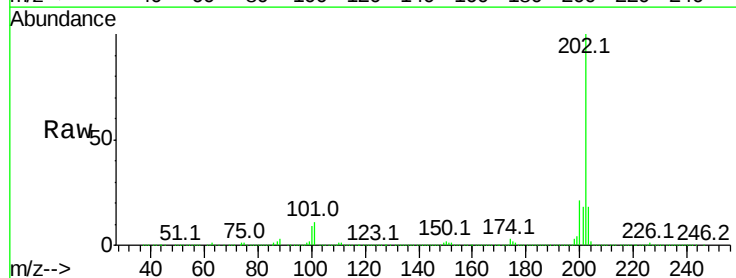
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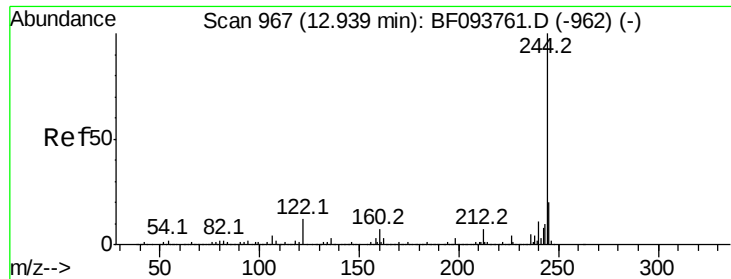
mohammad
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#77
Pyrene
Concen: 41.00 ng
RT: 12.79 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

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





#78

Terphenyl-d14

Concen: 2.10 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

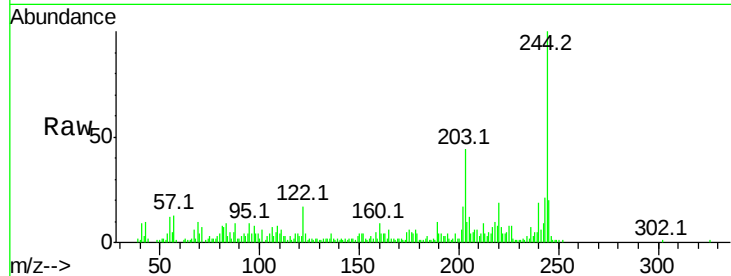
ClientSampleId :

CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.0	9.0
122	17.2	10.3	15.5

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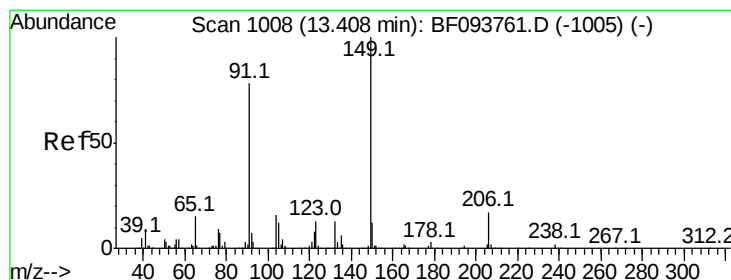
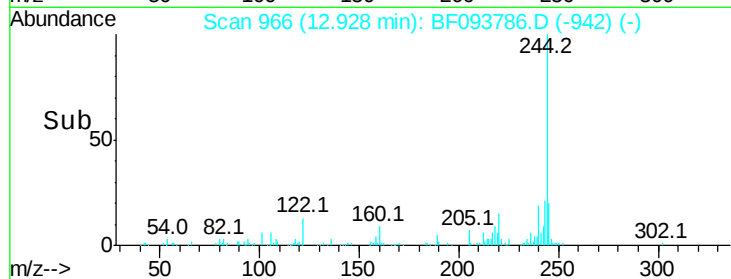
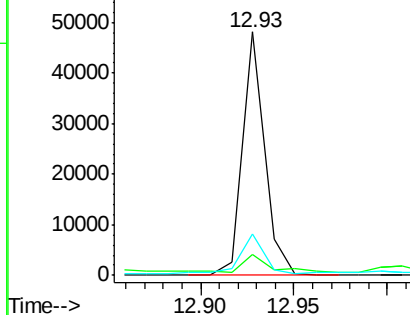
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 1.04 ng

RT: 13.41 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF093786.D

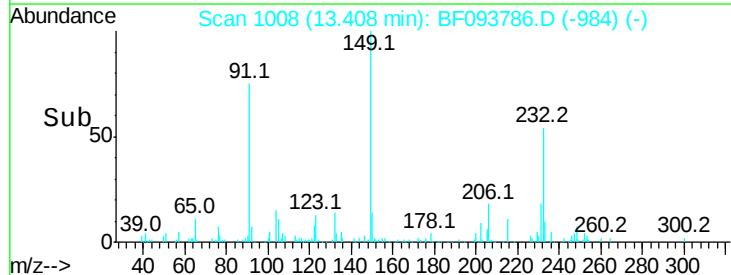
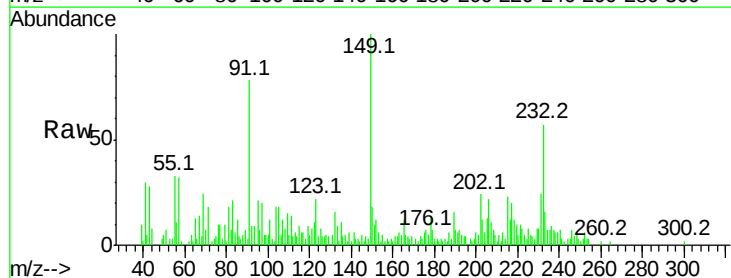
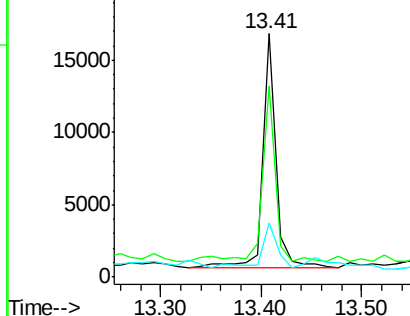
Acq: 21 Mar 2017 1:22

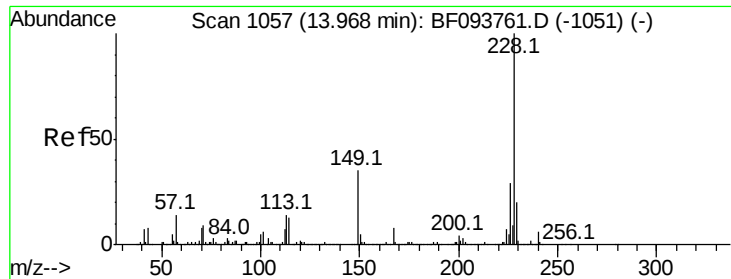
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.5	45.0	67.4
206	22.0	17.0	25.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





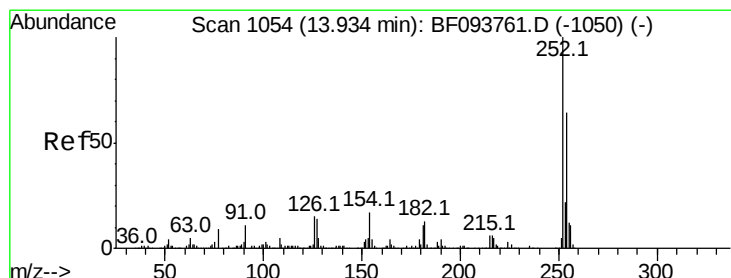
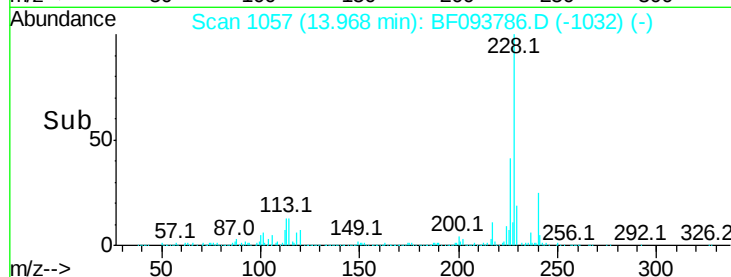
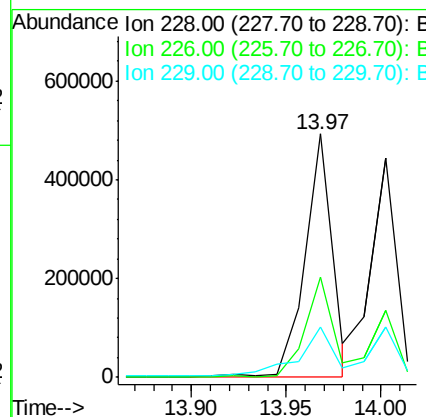
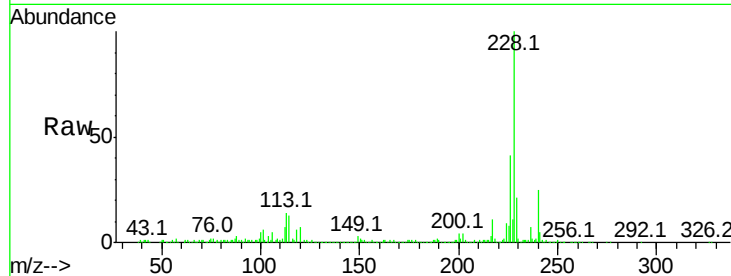
#80
Benzo(a)anthracene
Concen: 20.32 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	41.3	22.6	33.8
229	20.8	16.3	24.5

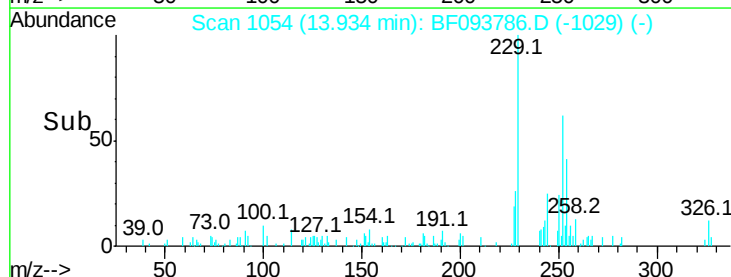
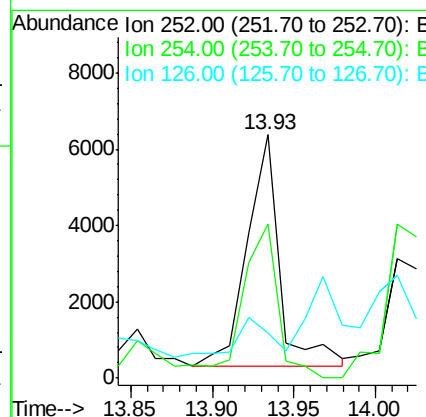
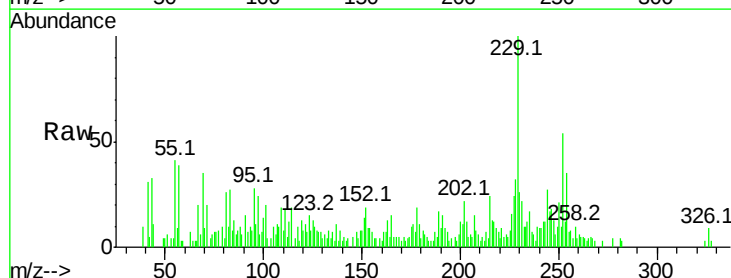
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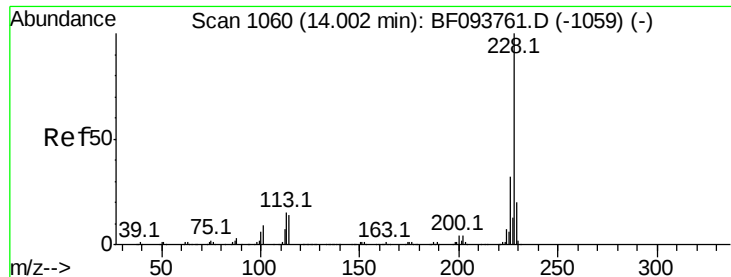
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 0.90 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	18.6	15.8	23.8





#82

Chrysene

Concen: 17.35 ng

RT: 14.00 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

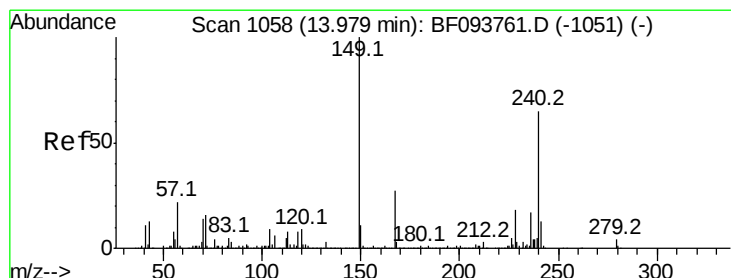
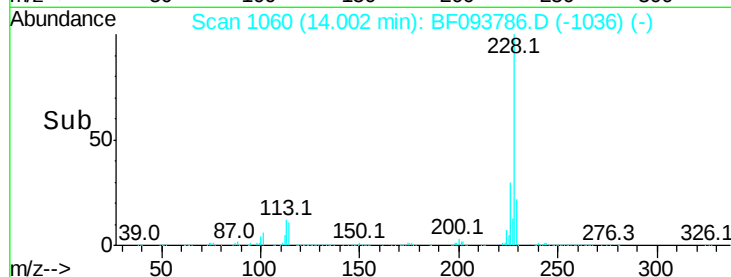
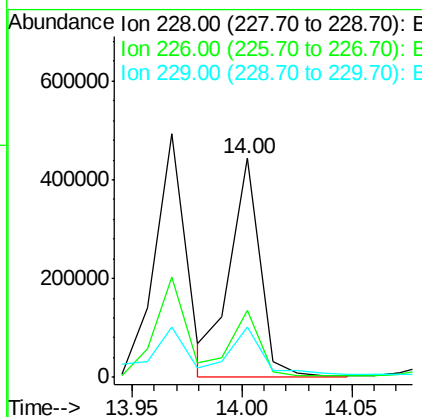
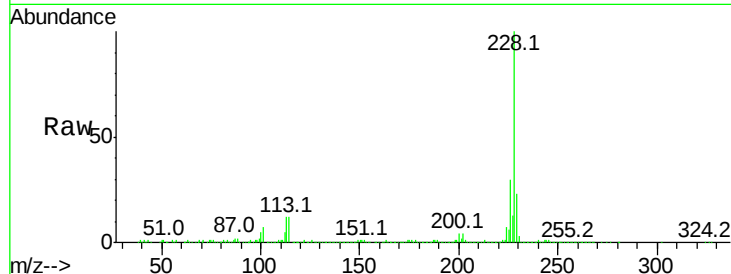
ClientSampleId :

CTMIX-1MS

Tot Ion:	228	Resp:	421277
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	22.8	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.25 ng

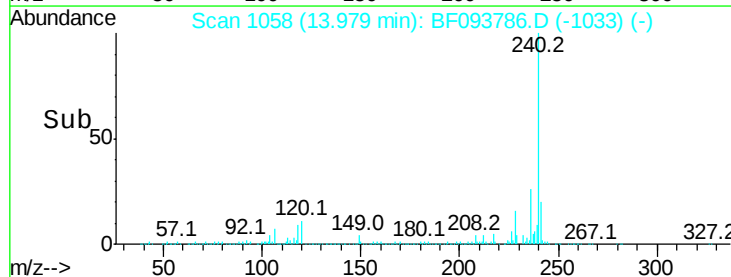
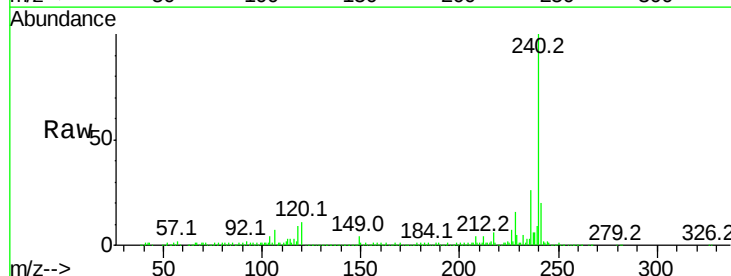
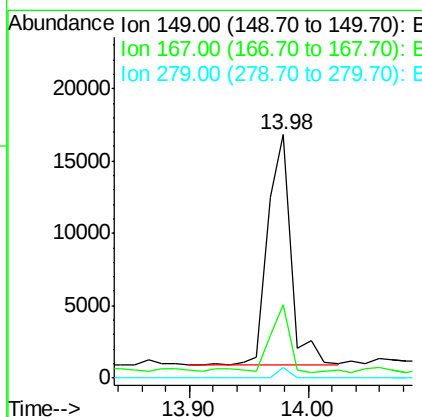
RT: 13.98 min Scan# 1058

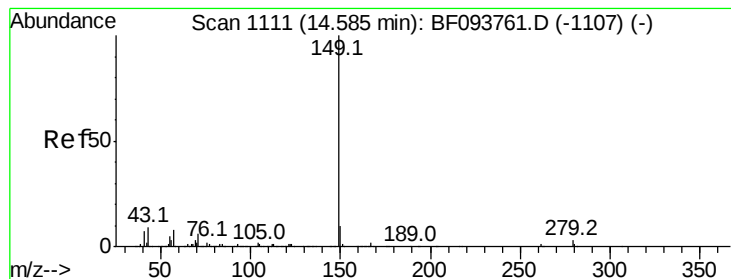
Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	149	Resp:	21642
Ion Ratio	Lower	Upper	
149	100		
167	30.0	21.0	31.4
279	4.5	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 0.99 ng

RT: 14.59 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Instrument :

BNA_F

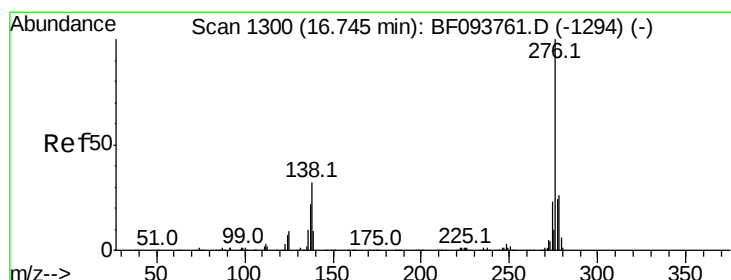
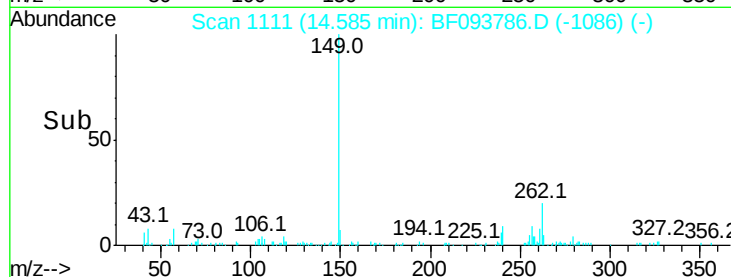
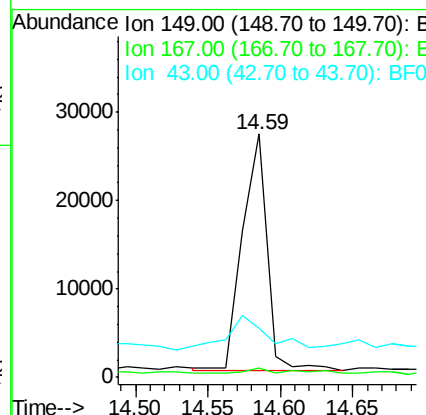
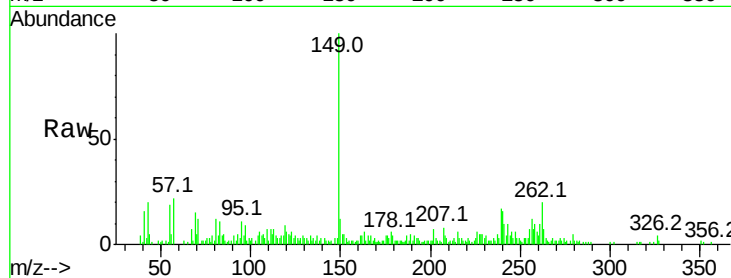
ClientSampleId :

CTMIX-1MS

Tot Ion:	149	Resp:	31549
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	25.0	8.5	12.7#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 7.15 ng

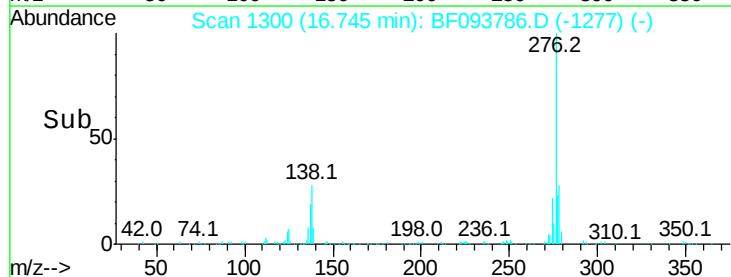
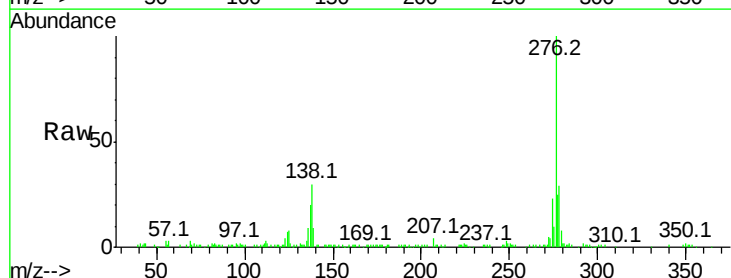
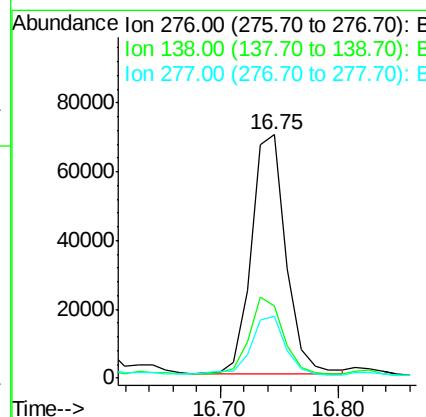
RT: 16.75 min Scan# 1300

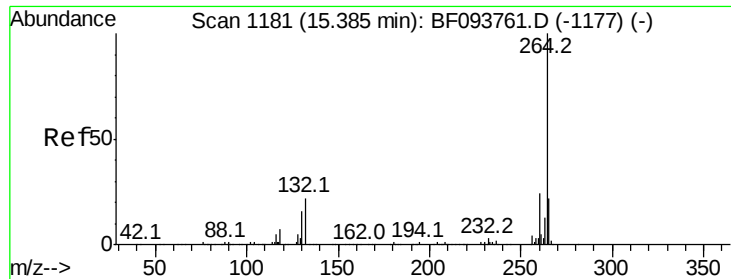
Delta R.T. -0.03 min

Lab File: BF093786.D

Acq: 21 Mar 2017 1:22

Tgt Ion:	276	Resp:	142191
Ion Ratio	Lower	Upper	
276	100		
138	31.7	27.8	41.6
277	24.6	20.2	30.4





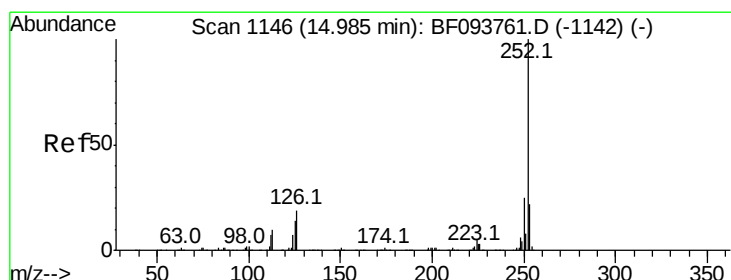
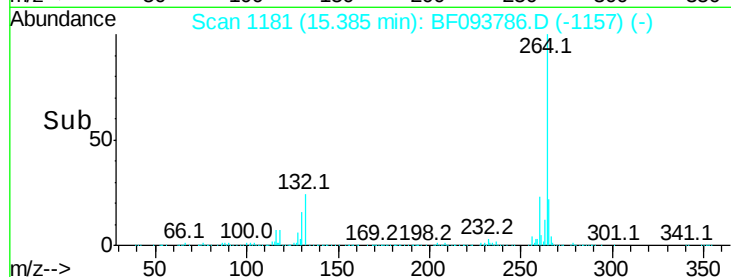
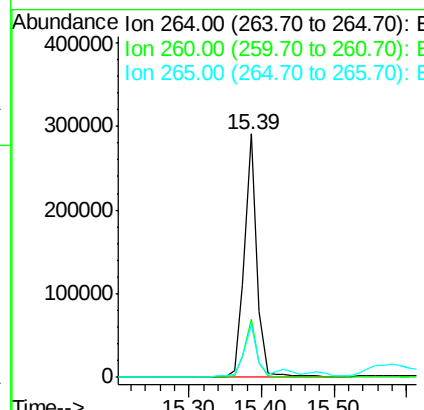
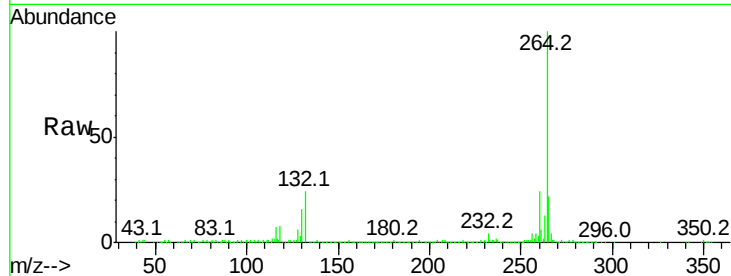
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8

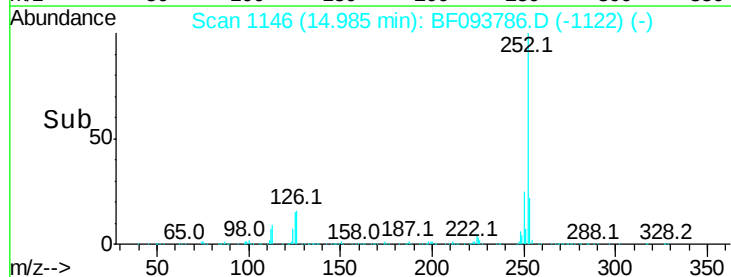
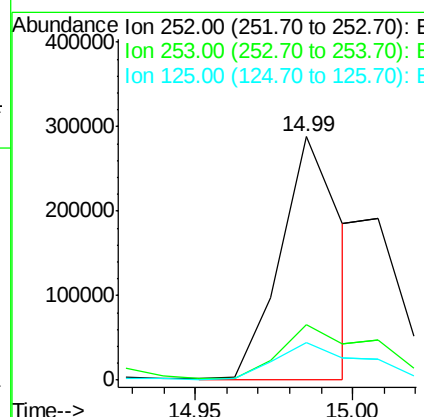
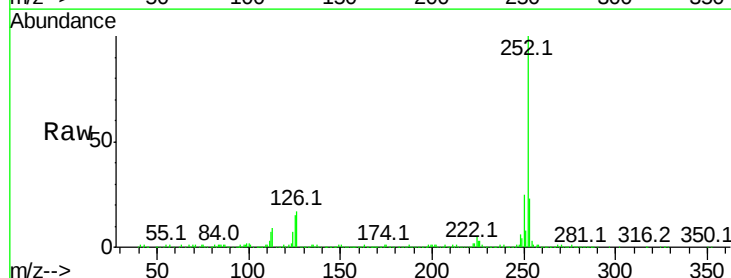
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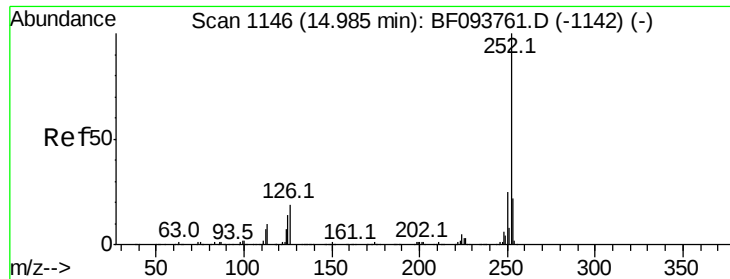
mohammad
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#87
Benzo(b)fluoranthene
Concen: 16.84 ng m
RT: 14.99 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.4	9.8	14.8#





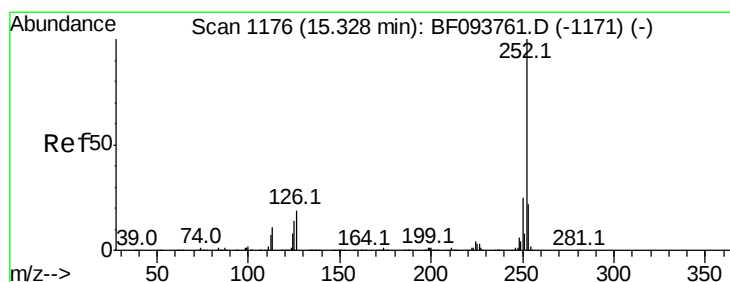
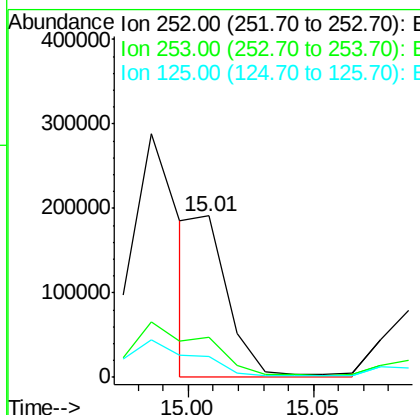
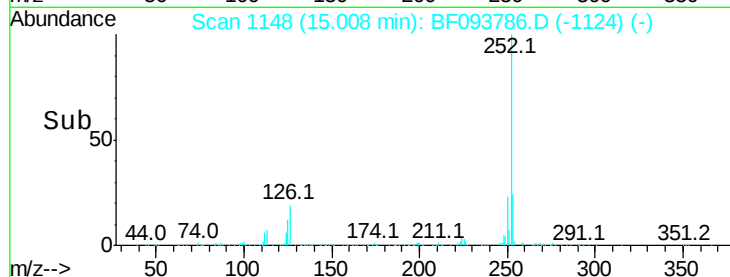
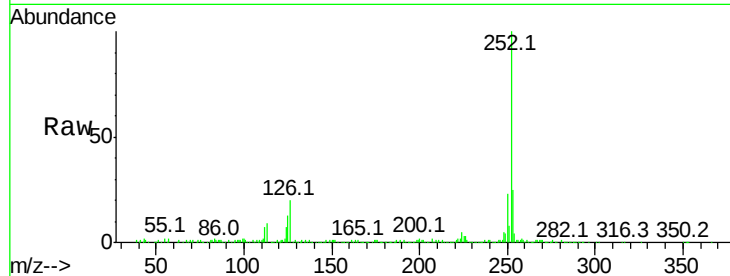
#88
Benzo(k)fluoranthene
Concen: 10.36 ng m
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	179124		
253	24.7	18.4	27.6	
125	13.3	13.1	19.7	

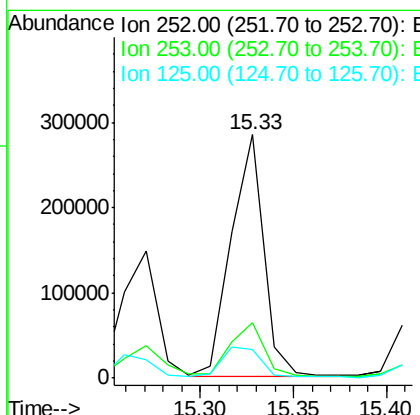
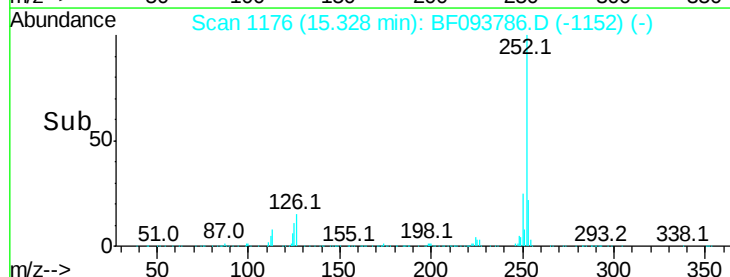
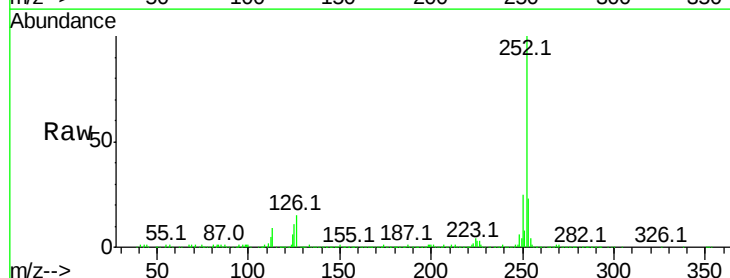
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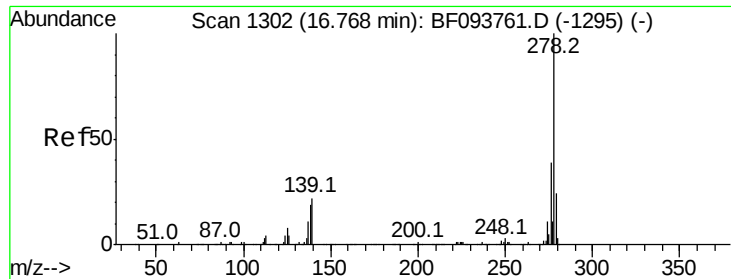
mohammad
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#89
Benzo(a)pyrene
Concen: 18.37 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	348793		
253	22.5	17.5	26.3	
125	11.5	11.0	16.4	





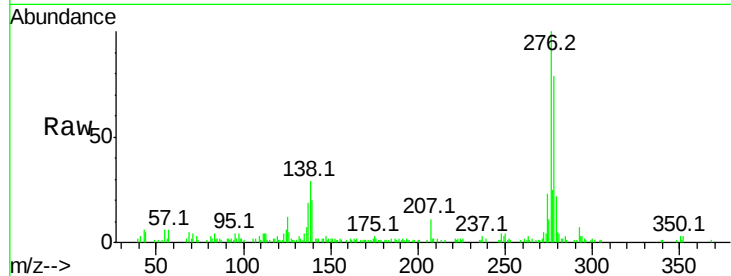
#90
Dibenzo(a,h)anthracene
Concen: 3.38 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MS

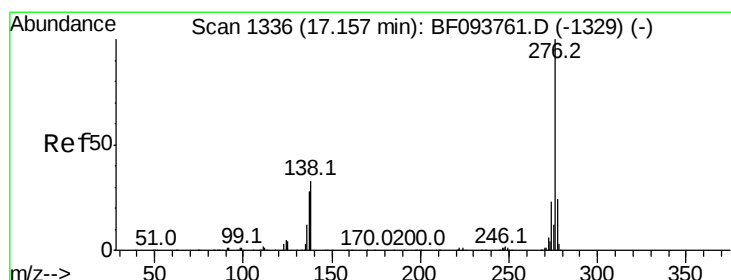
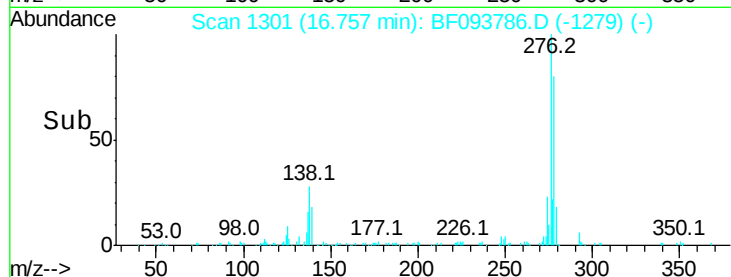
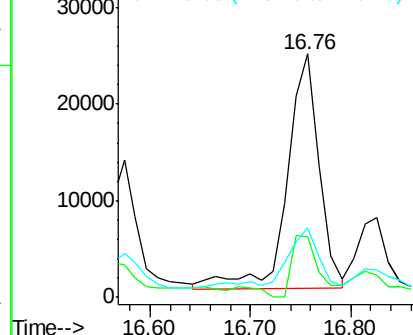
Tot Ion	Ratio	Lower	Upper
278	100		
139	25.0	16.6	24.8#
279	28.4	19.3	28.9

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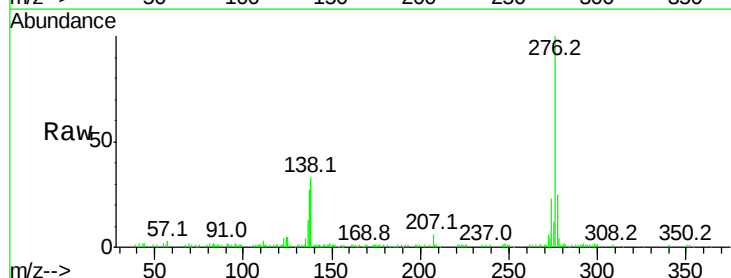


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 8.39 ng
RT: 17.15 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BF093786.D
Acq: 21 Mar 2017 1:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	32.5	25.4	38.0



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

