

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093787.D
 Acq On : 21 Mar 2017 1:49
 Operator : SJ/MA
 Sample : I2280-01MSD 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Manual Integrations
 APPROVED

mohammad
 3/21/2017 2:46:02 PM

Quant Time: Mar 21 12:31:51 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	230226	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	875863	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	383833	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	588301	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	381378	20.00	ng	-0.02
86) Perylene-d12	15.39	264	343037	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	42896	3.26	ng	-0.02
7) Phenol-d6	6.45	99	53542	3.29	ng	-0.03
23) Nitrobenzene-d5	7.38	82	26995	1.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.65	330	5434	1.83	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	60445	2.65	ng	-0.02
78) Terphenyl-d14	12.93	244	40418	2.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	4780	0.72	ng	# 89
3) Pyridine	3.22	79	9812	0.55	ng	# 92
4) n-Nitrosodimethylamine	3.10	42	6103	0.79	ng	# 97
6) Aniline	6.49	93	9922	0.44	ng	93
8) 2-Chlorophenol	6.61	128	13575	0.94	ng	92
9) Benzaldehyde	6.37	77	10272	0.89	ng	# 79
10) Phenol	6.47	94	46847	2.56	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	14096	0.95	ng	98
12) 1,3-Dichlorobenzene	6.78	146	15327	0.93	ng	95
13) 1,4-Dichlorobenzene	6.85	146	14972m	0.89	ng	
14) 1,2-Dichlorobenzene	7.01	146	16567	1.08	ng	95
15) Benzyl Alcohol	6.97	79	12099	1.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	21907	0.93	ng	99
17) 2-Methylphenol	7.09	107	24655	1.94	ng	96
18) Hexachloroethane	7.35	117	6102	1.03	ng	# 60
19) n-Nitroso-di-n-propylamine	7.24	70	9078	0.85	ng	# 78
20) 3+4-Methylphenols	7.24	107	43405	2.88	ng	# 82
22) Acetophenone	7.24	105	21212	1.12	ng	# 85
24) Nitrobenzene	7.41	77	14775	1.00	ng	93
25) Isophorone	7.66	82	23652	0.86	ng	# 89
26) 2-Nitrophenol	7.74	139	3186	0.48	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	23571	1.72	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	18769	1.07	ng	98
29) 2,4-Dichlorophenol	7.98	162	9636	0.83	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	12197	1.01	ng	93
31) Naphthalene	8.15	128	4187202	103.00	ng	97
32) Benzoic acid	7.91	122	9136	1.07	ng	# 18
34) Hexachlorobutadiene	8.28	225	6054	0.95	ng	97
35) Caprolactam	8.50	113	2677	0.73	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	10744	0.89	ng	98
37) 2-Methylnaphthalene	8.84	142	748913	28.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	10362	1.02	ng	98
42) 2,4,6-Trichlorophenol	9.11	196	5472m	0.74	ng	
43) 2,4,5-Trichlorophenol	9.14	196	4883m	0.64	ng	

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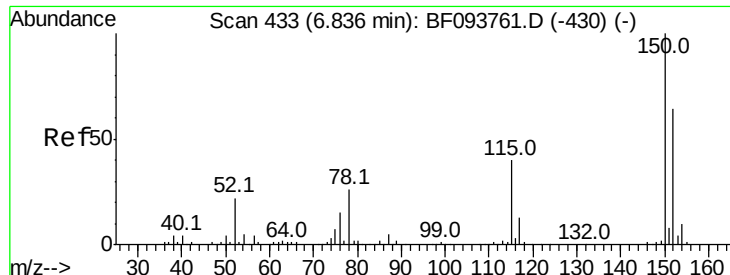
Manual Integrations
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mohammad
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Quant Time: Mar 21 12:31:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.29	154	222963	7.15	nq	96
46) 2-Chloronaphthalene	9.32	162	25668	1.07	nq	98
47) 2-Nitroaniline	9.41	65	6102	0.91	nq	# 80
48) Acenaphthylene	9.73	152	664326	17.07	nq	98
49) Dimethylphthalate	9.59	163	38290	1.40	nq	# 98
50) 2,6-Dinitrotoluene	9.65	165	3622	0.60	nq	# 1
51) Acenaphthene	9.90	154	136105	5.85	nq	99
52) 3-Nitroaniline	9.81	138	4668	0.65	nq	# 88
54) Dibenzofuran	10.07	168	593150	18.96	nq	95
55) 4-Nitrophenol	9.97	139	5738m	1.06	nq	
56) 2,4-Dinitrotoluene	10.05	165	8651	1.14	nq	# 88
57) Fluorene	10.41	166	640388	26.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	2061	0.39	nq	# 57
59) Diethylphthalate	10.29	149	27183	1.02	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	11123	1.10	nq	99
61) 4-Nitroaniline	10.41	138	12117	1.88	nq	# 63
62) Azobenzene	10.56	77	25741	0.98	nq	# 80
65) n-Nitrosodiphenylamine	10.53	169	30564	1.56	nq	# 79
66) 4-Bromophenyl-phenylether	10.90	248	5789	1.02	nq	92
67) Hexachlorobenzene	10.97	284	5473	0.94	nq	93
68) Atrazine	11.05	200	6222	1.03	nq	84
69) Pentachlorophenol	11.16	266	682	0.20	nq	90
70) Phenanthrene	11.37	178	1996468	63.72	nq	99
71) Anthracene	11.43	178	631214	19.57	nq	98
72) Carbazole	11.58	167	278647	8.73	nq	# 96
73) Di-n-butylphthalate	11.92	149	45944	1.34	nq	# 95
74) Fluoranthene	12.56	202	1261768	39.18	nq	97
76) Benzidine	12.68	184	7735	0.46	nq	# 89
77) Pyrene	12.78	202	1030563	32.47	nq	99
79) Butylbenzylphthalate	13.41	149	12091	0.85	nq	# 84
80) Benzo(a)anthracene	13.97	228	432248m	18.09	nq	
81) 3,3'-Dichlorobenzidine	13.93	252	6757	0.75	nq	91
82) Chrysene	14.00	228	324882m	13.61	nq	
83) Bis(2-ethylhexyl)phthalate	13.98	149	20621	1.21	nq	# 97
84) Di-n-octyl phthalate	14.59	149	28154	0.90	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.73	276	123545	6.32	nq	97
87) Benzo(b)fluoranthene	14.99	252	357086m	15.44	nq	
88) Benzo(k)fluoranthene	15.01	252	147560m	8.64	nq	
89) Benzo(a)pyrene	15.33	252	295031	15.73	nq	97
90) Dibenzo(a,h)anthracene	16.76	278	47264	3.04	nq	95
91) Benzo(g,h,i)perylene	17.15	276	109757	7.10	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: BF093787.D

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Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

Tot Ion:152 Resp: 230226

Ion Ratio Lower Upper

152 100

150 159.7 126.2 189.2

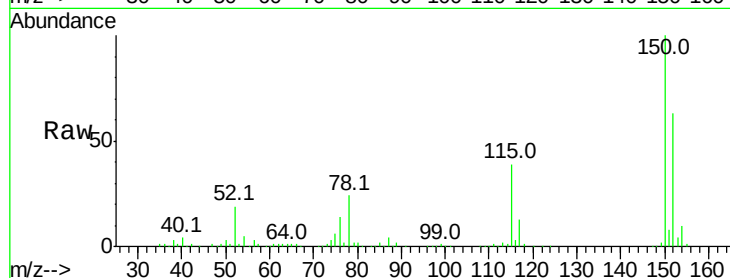
115 61.9 52.2 78.2

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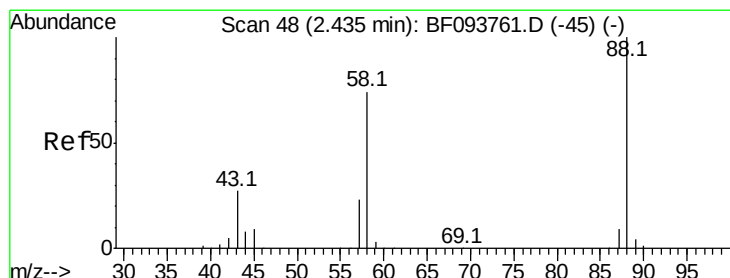
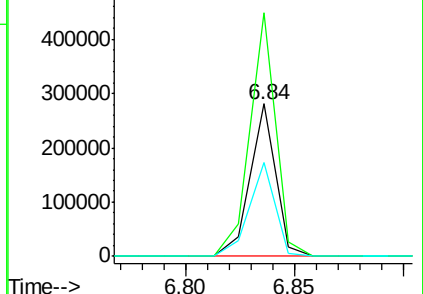
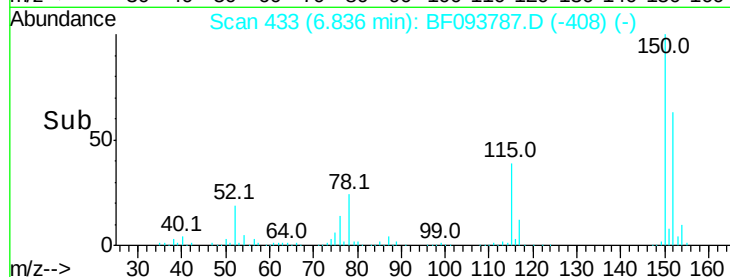
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.72 ng

RT: 2.45 min Scan# 49

Delta R.T. 0.00 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

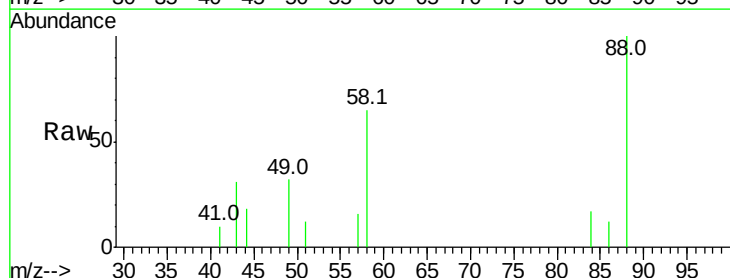
Tgt Ion: 88 Resp: 4780

Ion Ratio Lower Upper

88 100

58 69.8 61.4 92.0

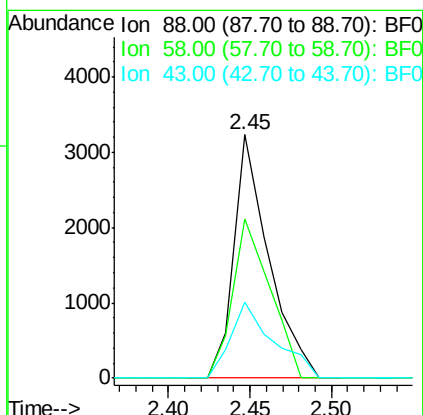
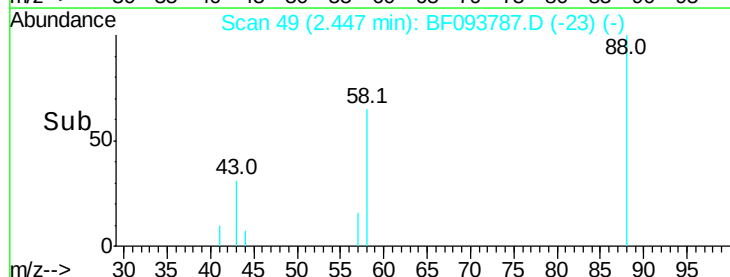
43 38.4 23.4 35.0#

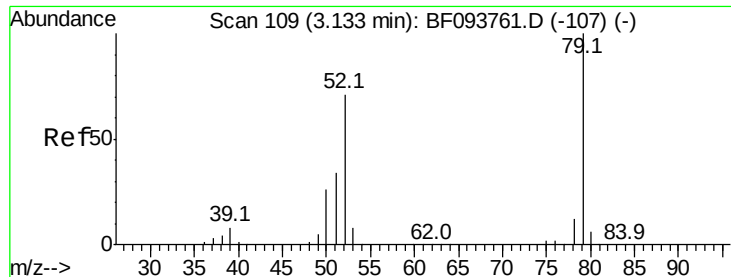


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





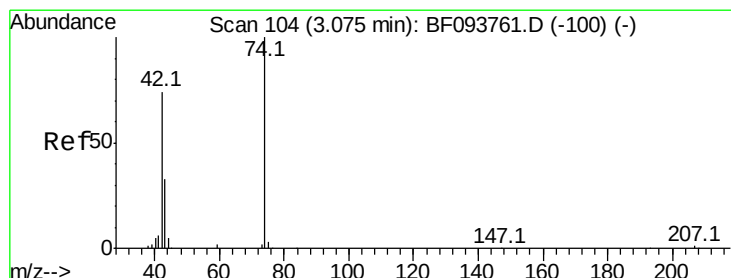
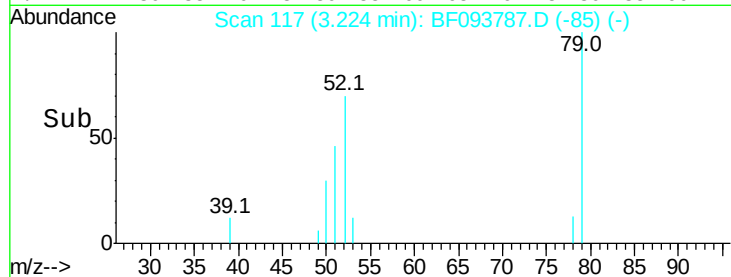
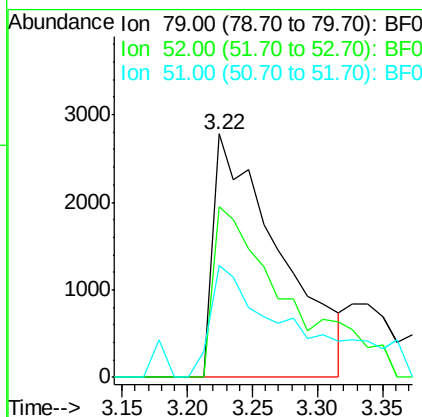
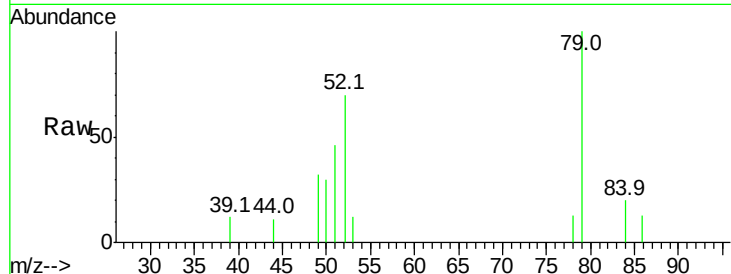
#3
Pvridine
Concen: 0.55 ng
RT: 3.22 min Scan# 117
Delta R.T. 0.07 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		9812		
52	70.2	54.8	82.2		
51	45.7	27.0	40.4		

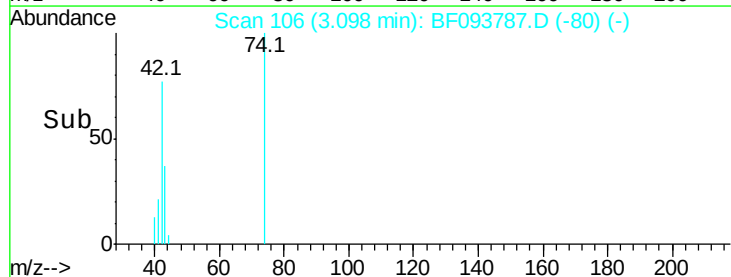
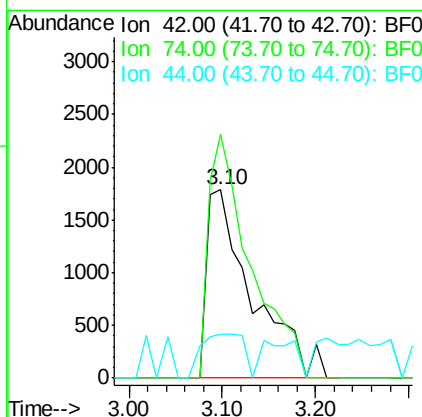
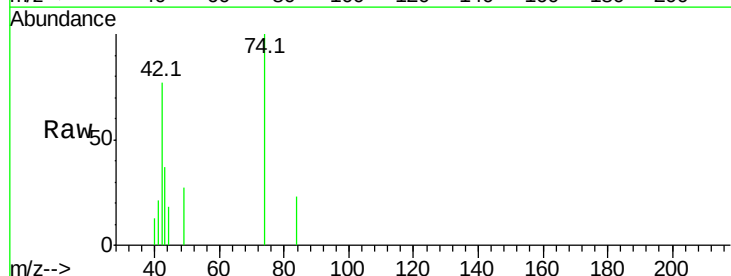
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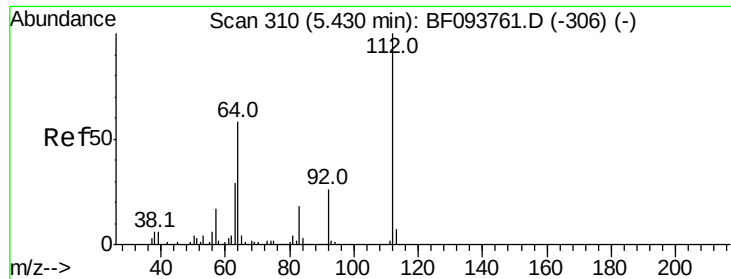
mohammad
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#4
n-Nitrosodimethylamine
Concen: 0.79 ng
RT: 3.10 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		6103		
74	129.3	103.9	155.9		
44	23.7	5.7	8.5		





#5

2-Fluorophenol

Concen: 3.26 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

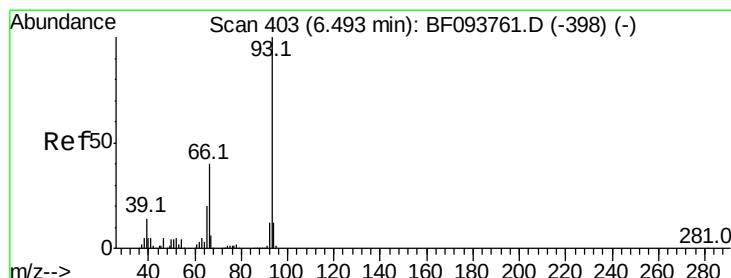
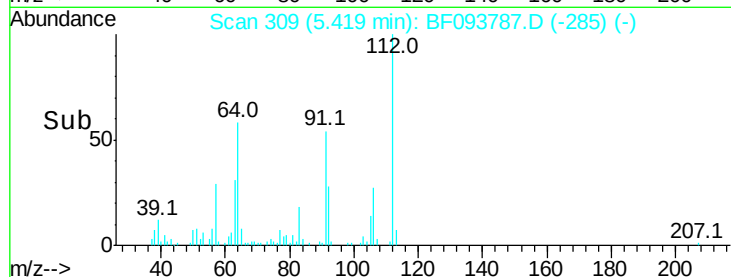
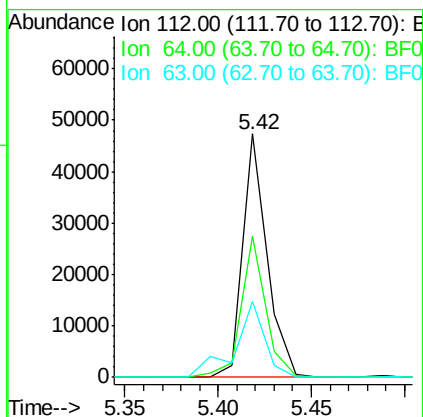
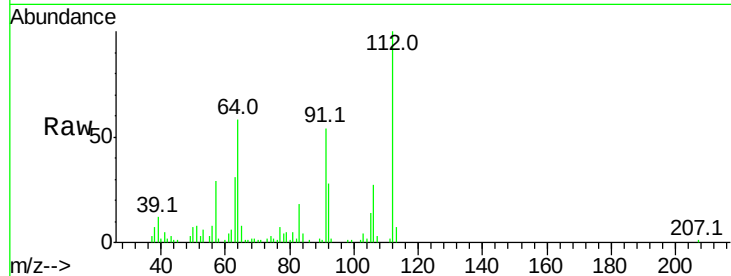
ClientSampleId :

CTMIX-1MSD

Tot Ion:	112	Resp:	42896
Ion Ratio	Lower	Upper	
112	100		
64	58.2	46.0	69.0
63	31.3	23.4	35.0

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#6

Aniline

Concen: 0.44 ng

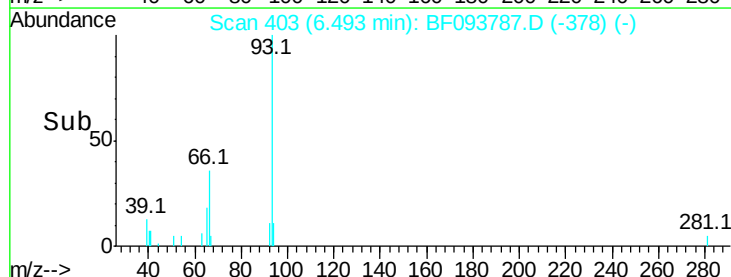
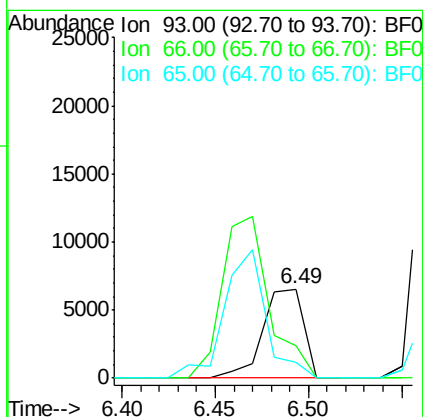
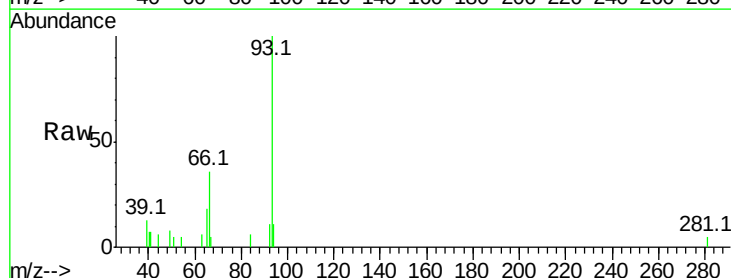
RT: 6.49 min Scan# 403

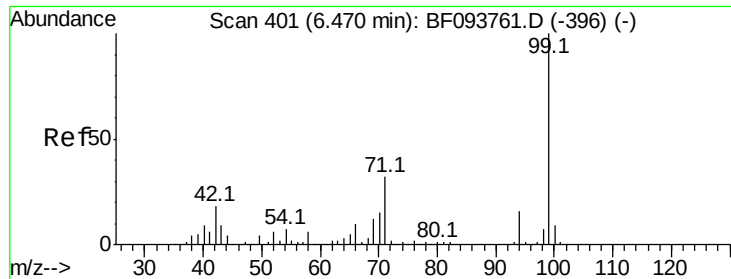
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	93	Resp:	9922
Ion Ratio	Lower	Upper	
93	100		
66	36.1	32.9	49.3
65	18.0	16.0	24.0





#7

Phenol-d6

Concen: 3.29 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

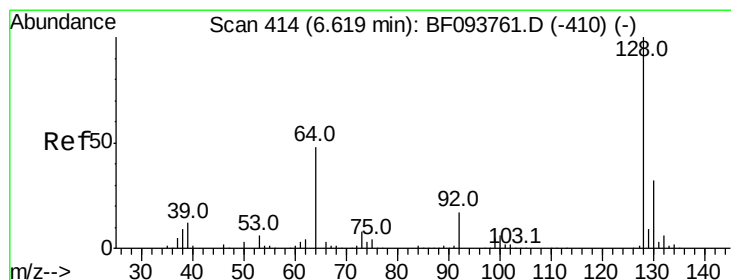
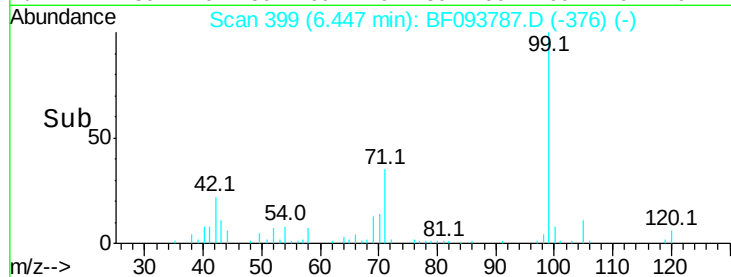
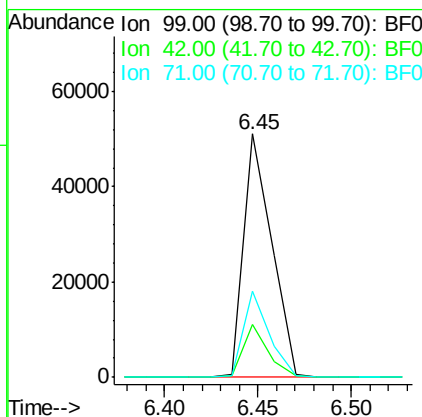
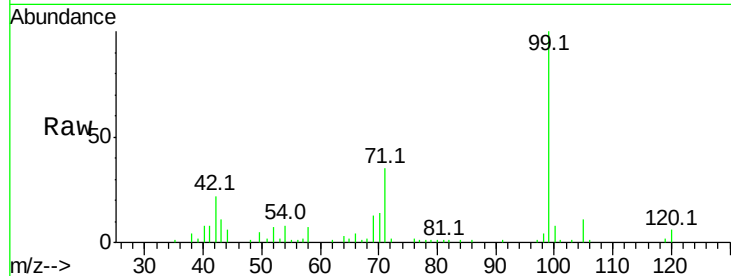
ClientSampleId :

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Tot Ion:	99	Resp:	53542
Ion Ratio	Lower	Upper	
99	100		
42	21.5	13.5	20.3#
71	35.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 0.94 ng

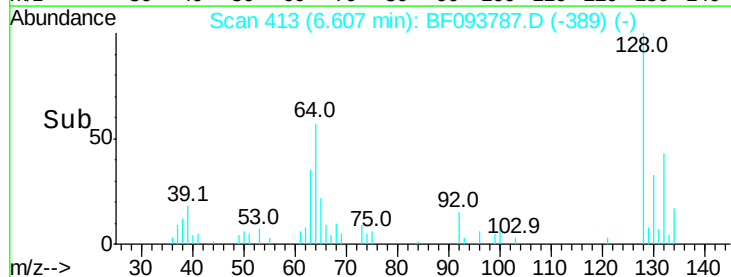
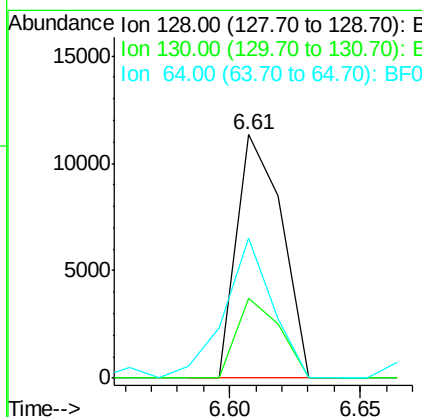
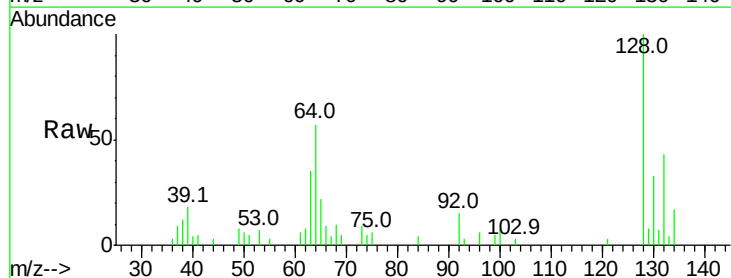
RT: 6.61 min Scan# 413

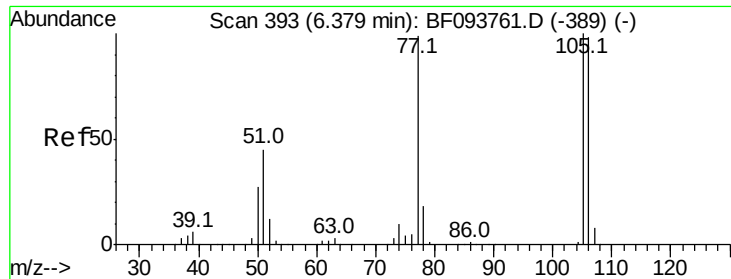
Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	128	Resp:	13575
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	57.5	28.4	68.4





#9

Benzaldehyde

Concen: 0.89 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

Tot Ion: 77 Resp: 10272

Ion Ratio Lower Upper

77 100

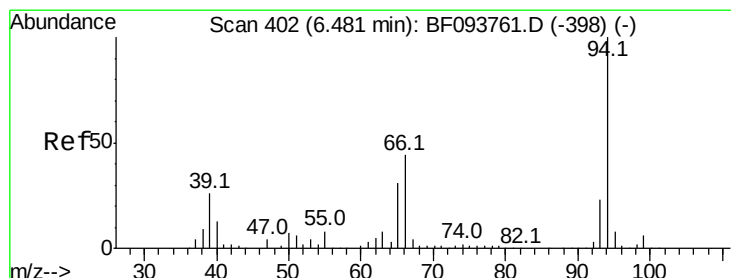
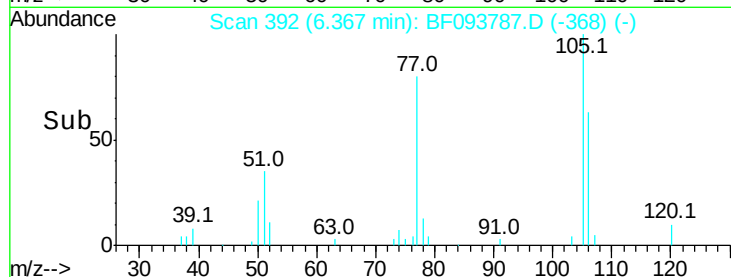
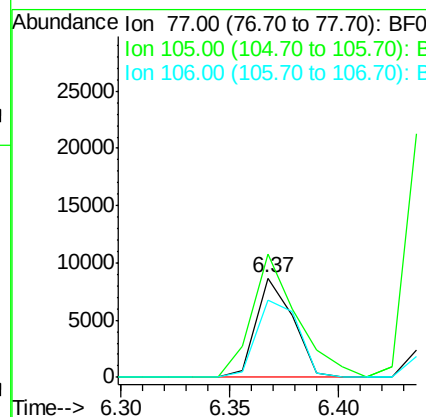
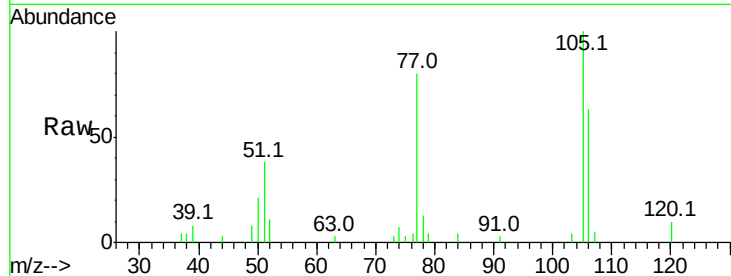
105 124.7 83.8 123.8#

106 78.1 79.1 119.1#

Manual Integrations
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#10

Phenol

Concen: 2.56 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

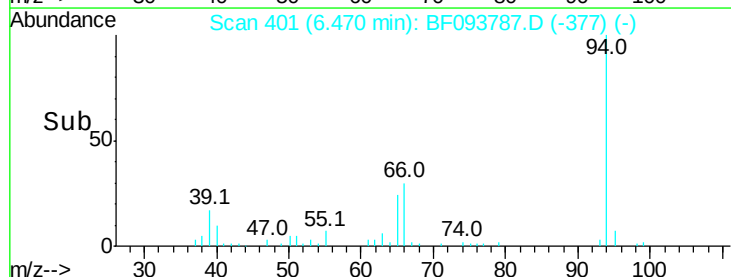
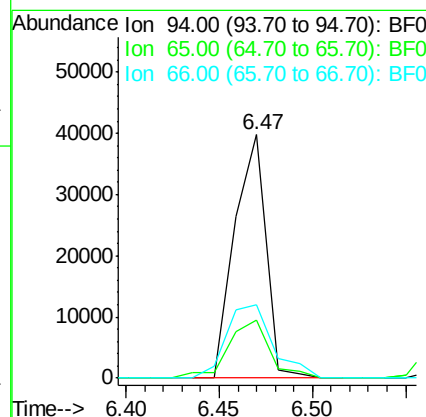
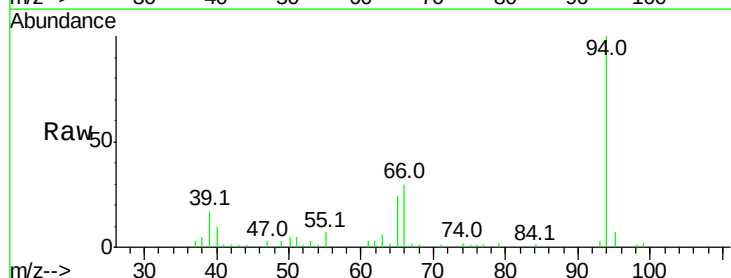
Tgt Ion: 94 Resp: 46847

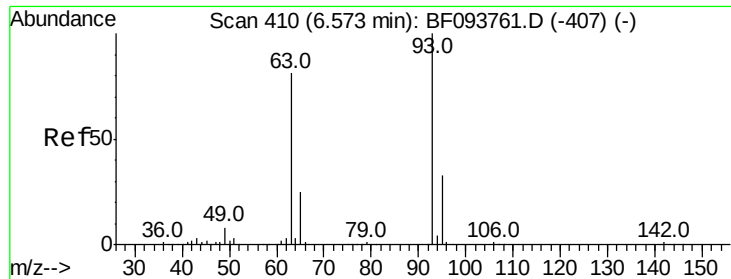
Ion Ratio Lower Upper

94 100

65 23.7 9.9 49.9

66 29.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 0.95 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

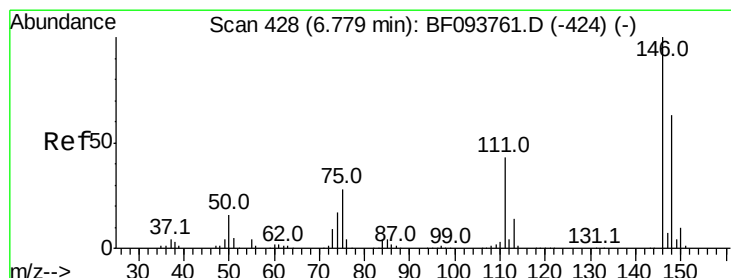
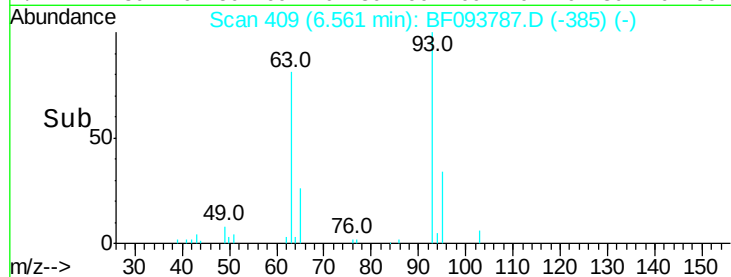
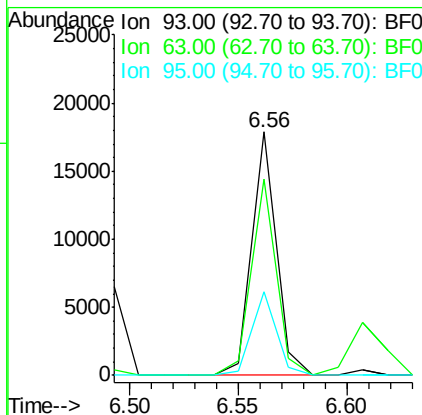
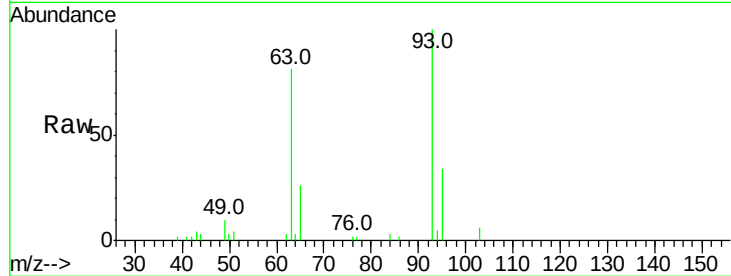
ClientSampleId :

CTMIX-1MSD

Tot Ion:	93	Resp:	14096
Ion Ratio	Lower	Upper	
93	100		
63	80.9	59.2	99.2
95	34.3	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 0.93 ng

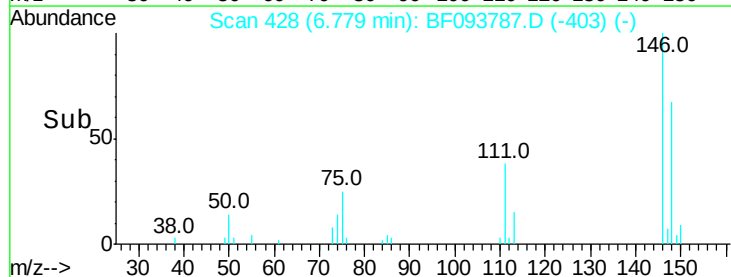
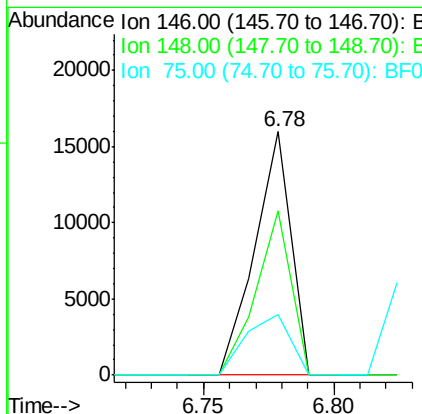
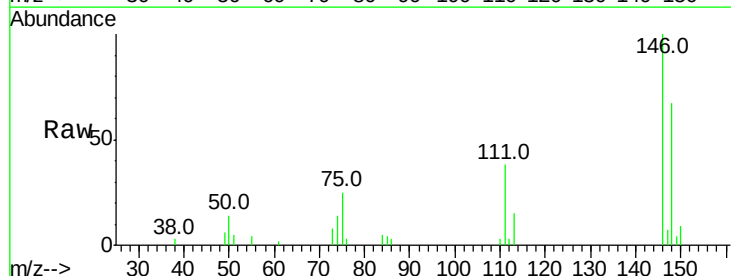
RT: 6.78 min Scan# 428

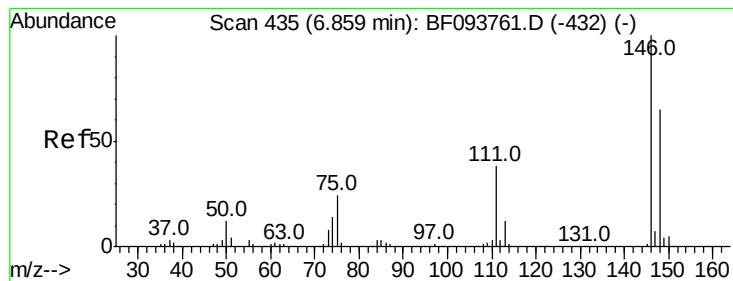
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	146	Resp:	15327
Ion Ratio	Lower	Upper	
146	100		
148	67.4	51.8	77.6
75	24.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 0.89 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

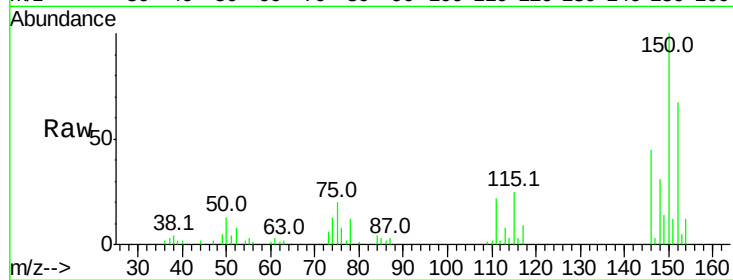
ClientSampleId :

CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.2	78.2
111	49.1	30.3	45.5

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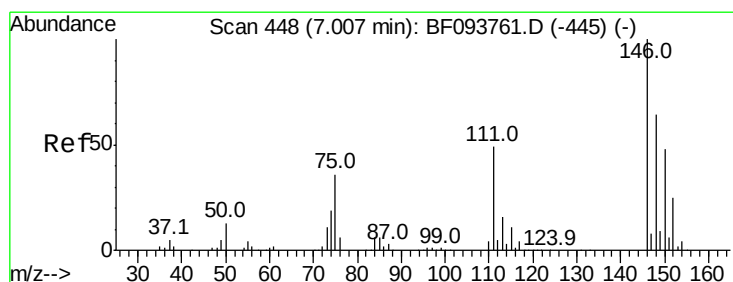
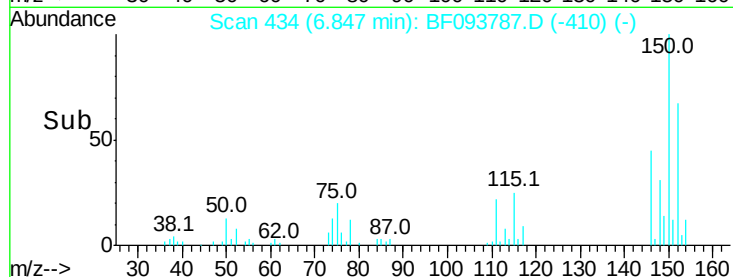
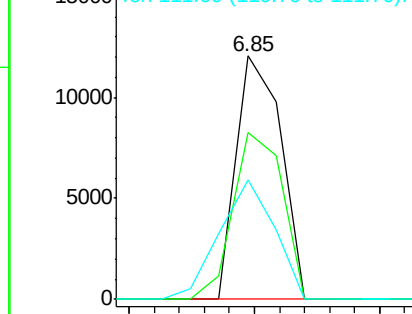


Abundance

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: 1.08 ng

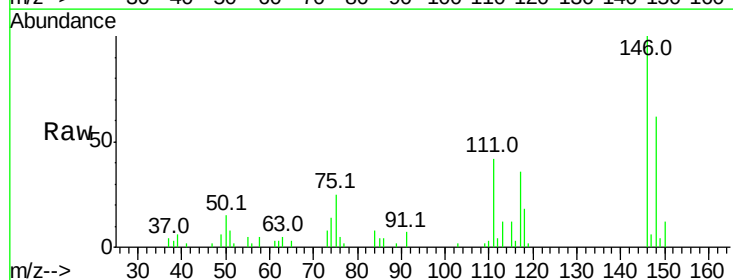
RT: 7.01 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.4	75.6
111	41.6	38.2	57.4

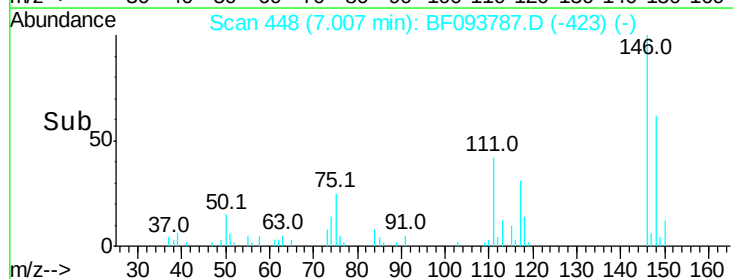
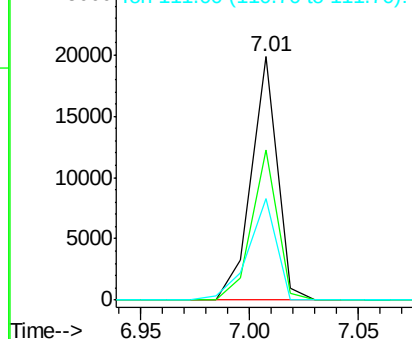


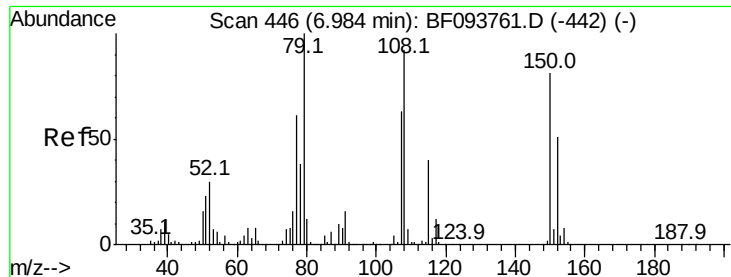
Abundance

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: 1.00 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

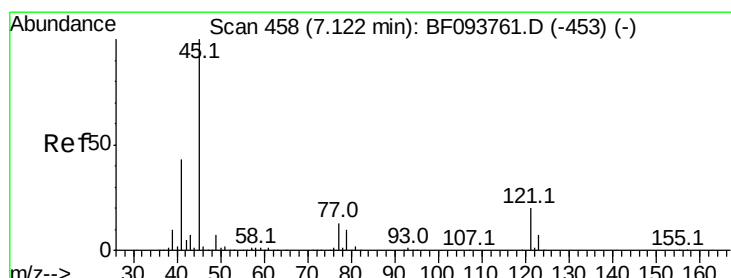
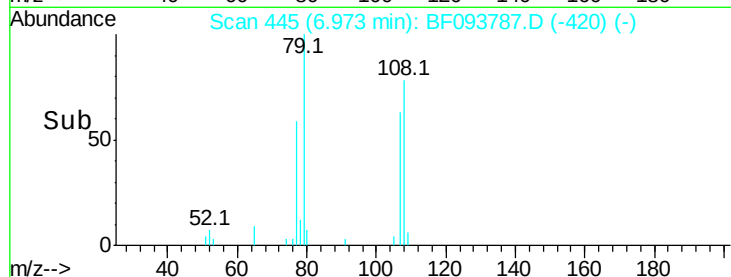
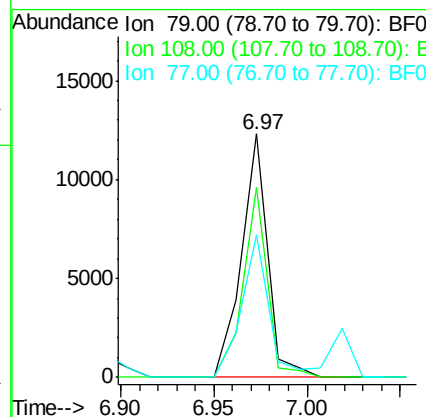
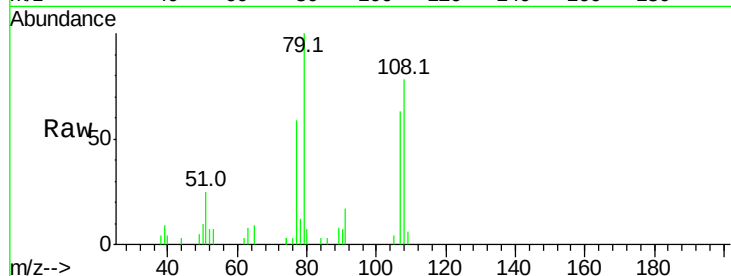
ClientSampleId :

CTMIX-1MSD

Tot Ion:	79	Resp:	12099
Ion Ratio	Lower	Upper	
79	100		
108	78.0	63.4	95.0
77	58.6	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.93 ng

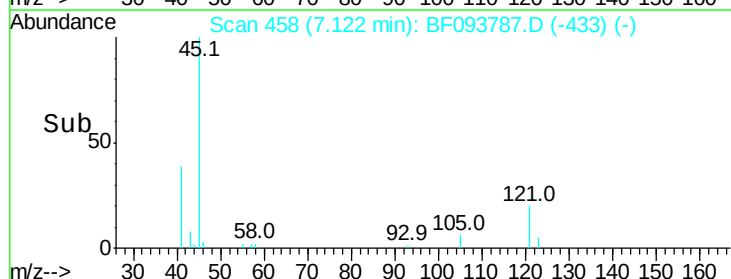
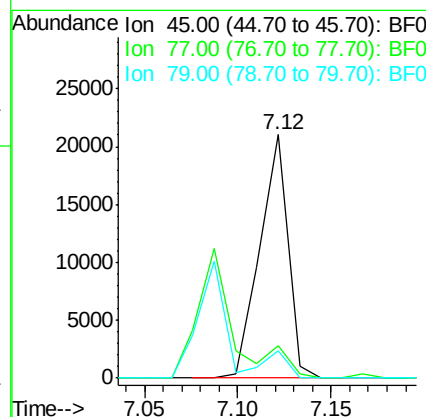
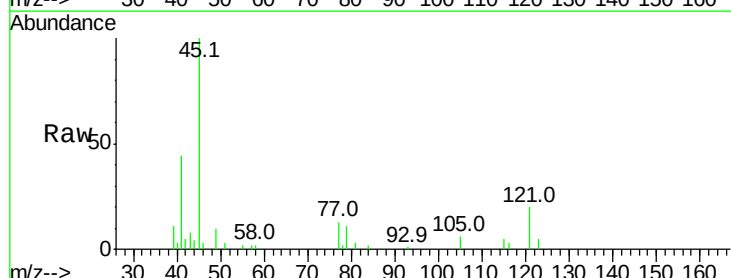
RT: 7.12 min Scan# 458

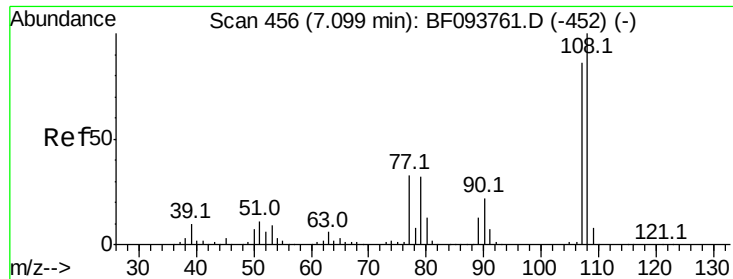
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	45	Resp:	21907
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	33.2
79	11.1	0.0	30.0





#17

2-Methylphenol

Concen: 1.94 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

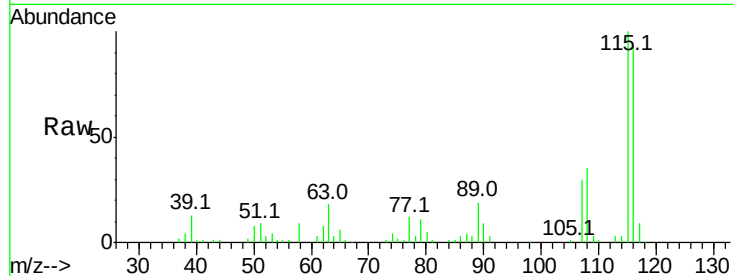
ClientSampled :

CTMIX-1MSD

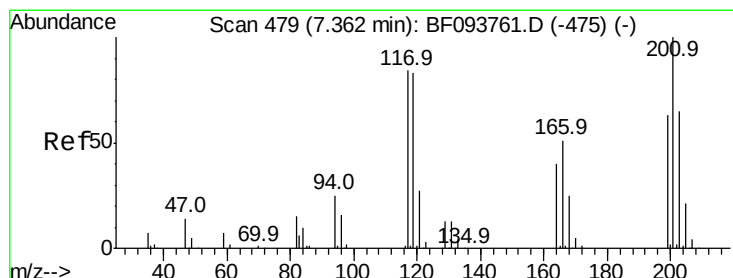
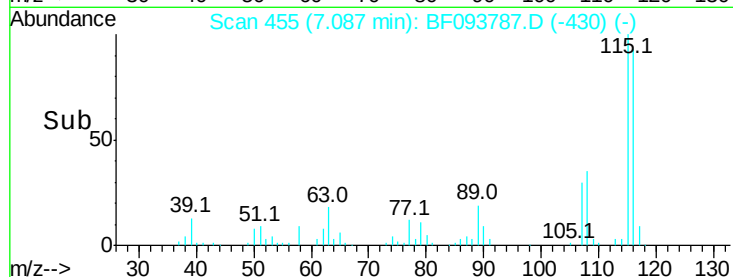
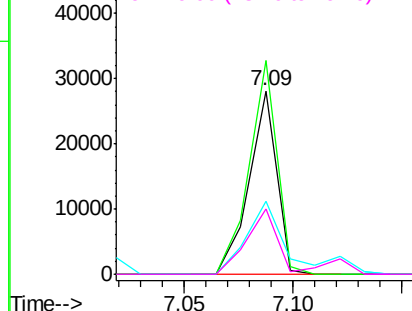
Tot Ion:	107	Resp:	24655
Ion Ratio	Lower	Upper	
107	100		
108	116.7	93.4	140.0
77	39.9	35.8	53.6
79	35.9	34.8	52.2

Manual Integrations
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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: 1.03 ng

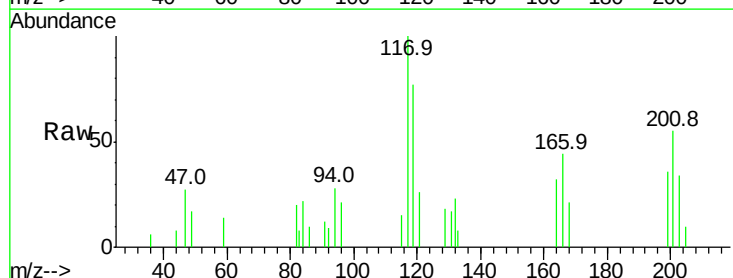
RT: 7.35 min Scan# 478

Delta R.T. -0.02 min

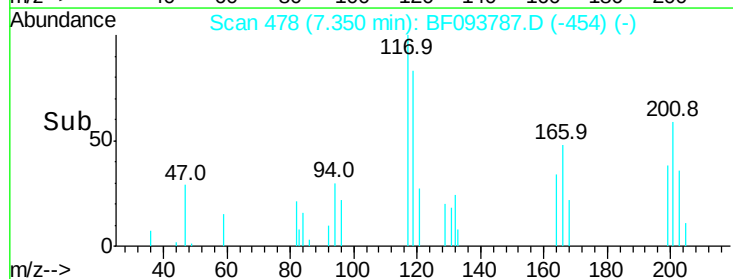
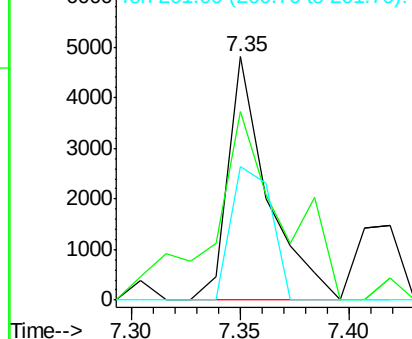
Lab File: BF093787.D

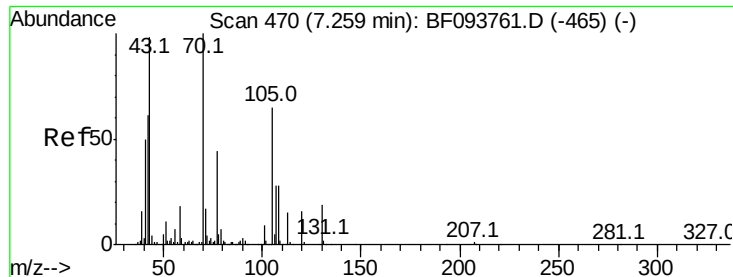
Acq: 21 Mar 2017 1:49

Tgt Ion:	117	Resp:	6102
Ion Ratio	Lower	Upper	
117	100		
119	77.4	77.4	116.0
201	54.9	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





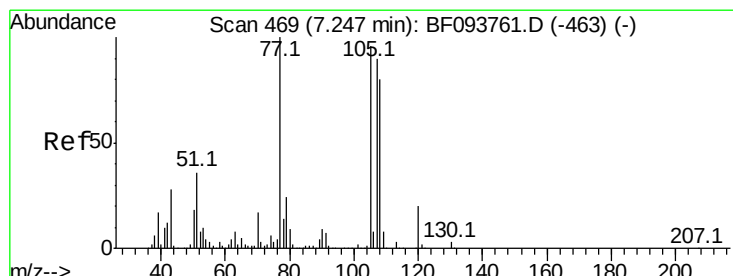
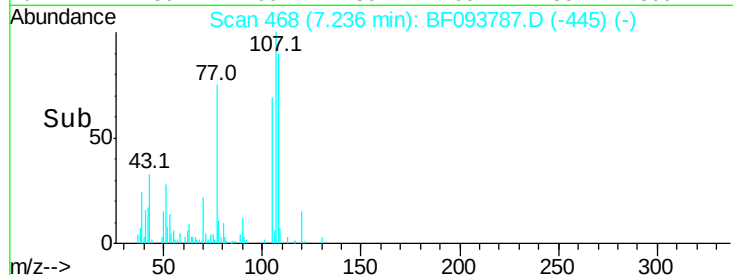
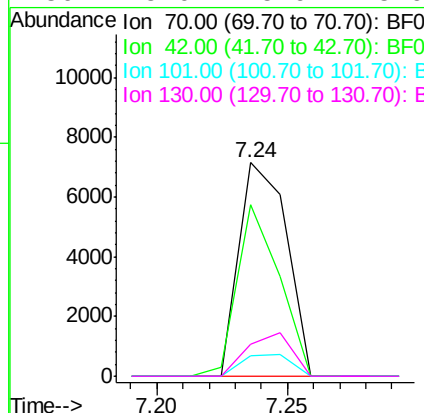
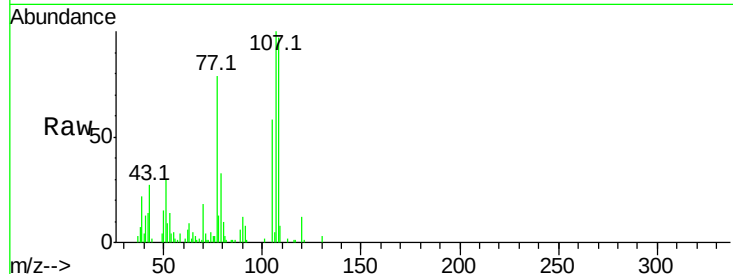
#19
n-Nitroso-di-n-propylamine
Concen: 0.85 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.5	47.2	70.8#
101	9.4	7.2	10.8
130	15.0	15.9	23.9#

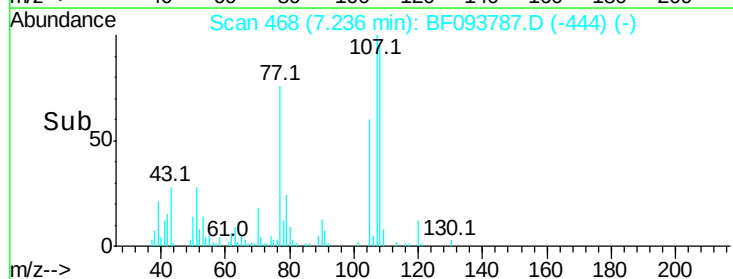
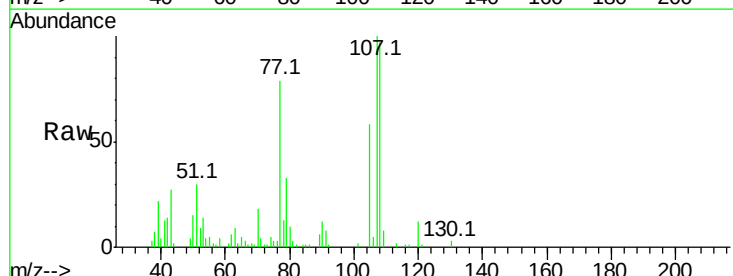
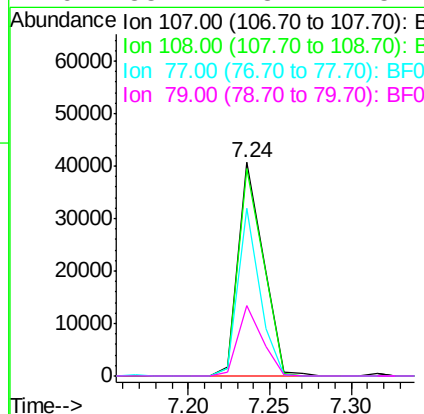
Manual Integrations
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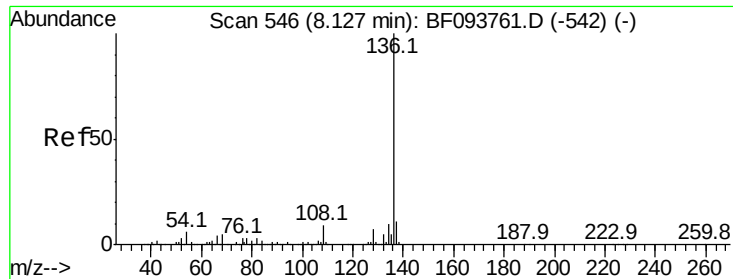
mohammad
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#20
3+4-Methylphenols
Concen: 2.88 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.9	71.0	111.0
77	78.7	90.5	130.5#
79	33.1	8.4	48.4





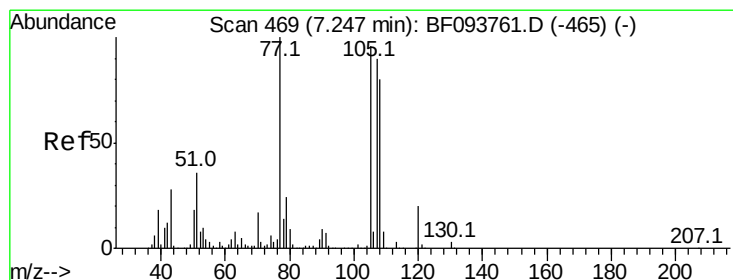
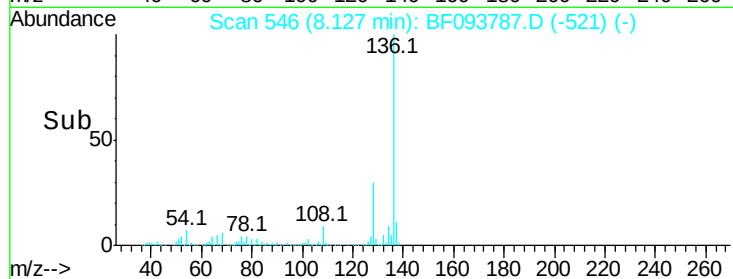
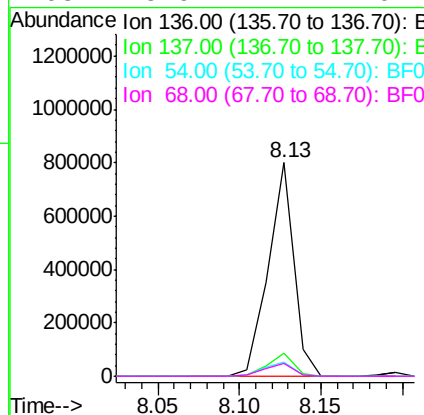
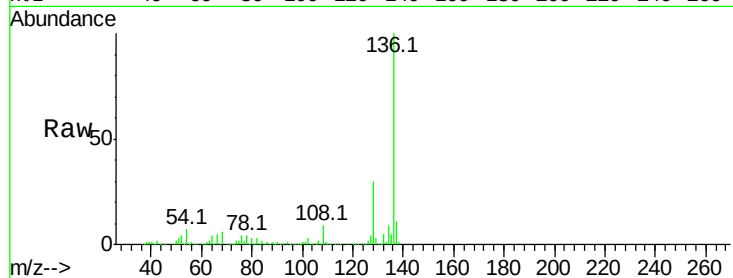
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.9	4.9	7.3
68	5.9	4.1	6.1

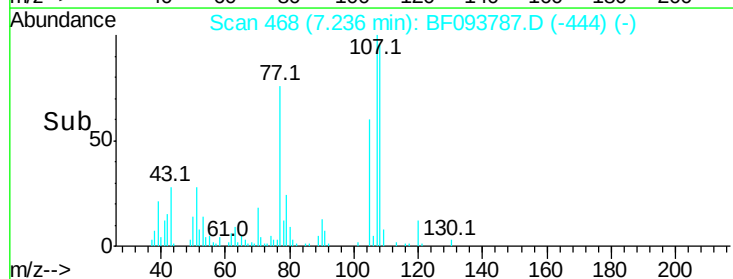
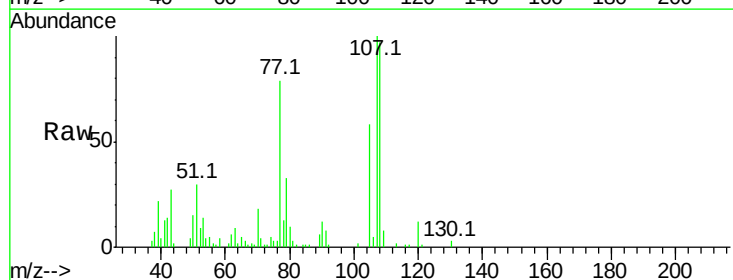
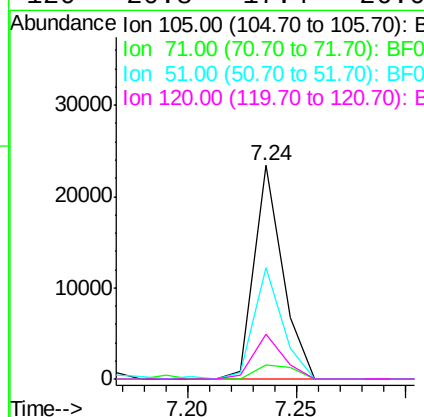
Manual Integrations
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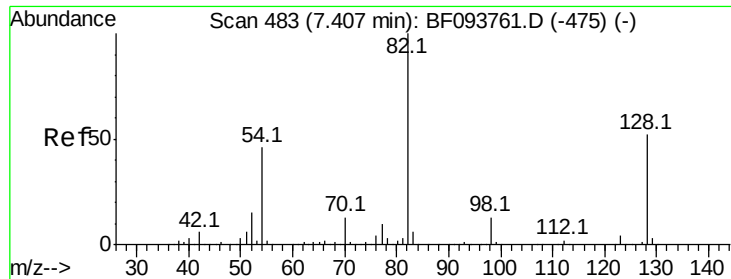
mohammad
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#22
Acetophenone
Concen: 1.12 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.5	2.8	4.2#
51	52.3	30.7	46.1#
120	20.8	17.4	26.0





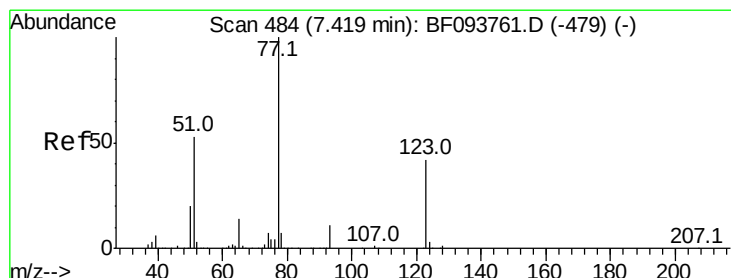
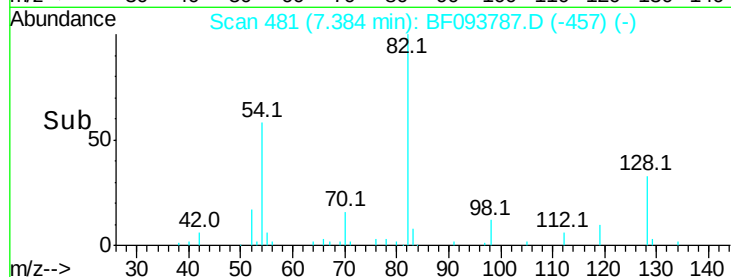
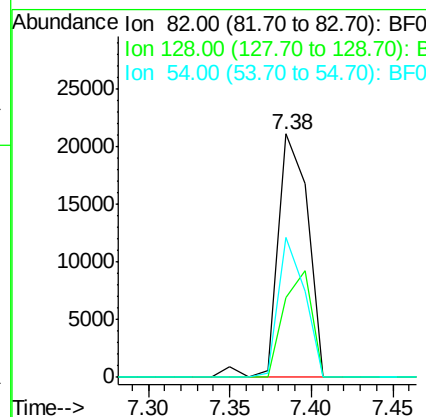
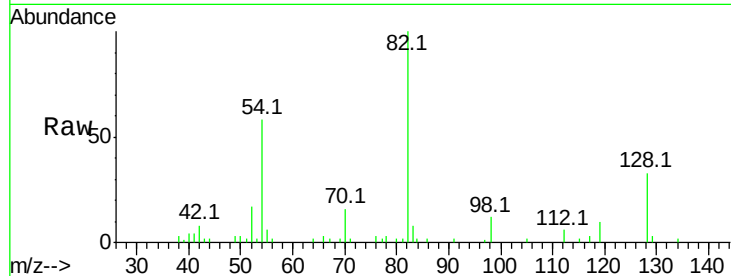
#23
Nitrobenzene-d5
Concen: 1.75 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	34.0	51.0#
54	57.6	42.2	63.2

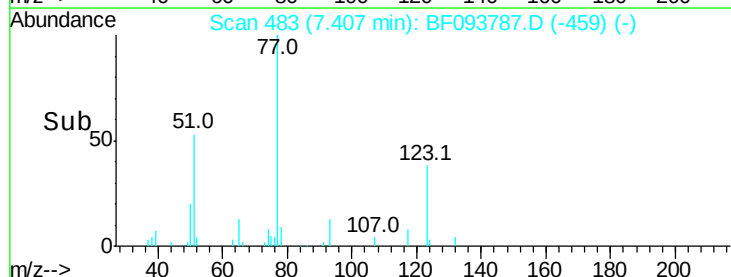
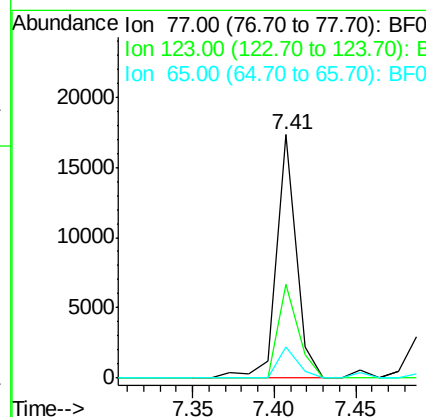
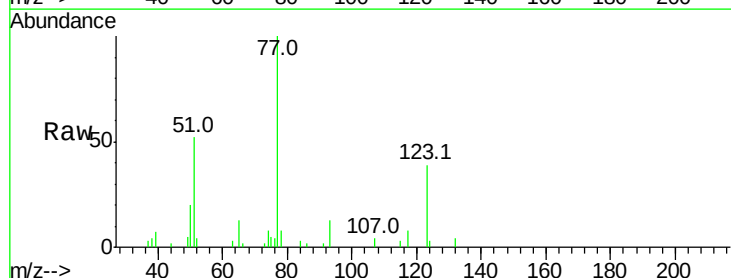
Manual Integrations
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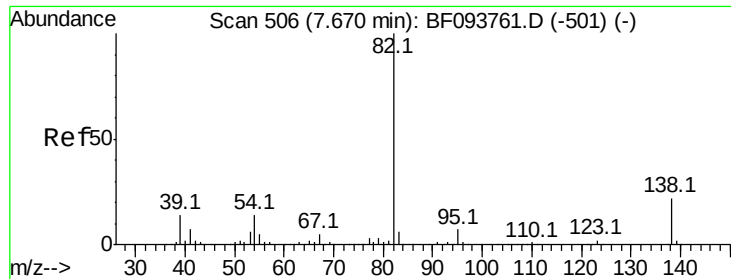
mohammad
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#24
Nitrobenzene
Concen: 1.00 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 0.86 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

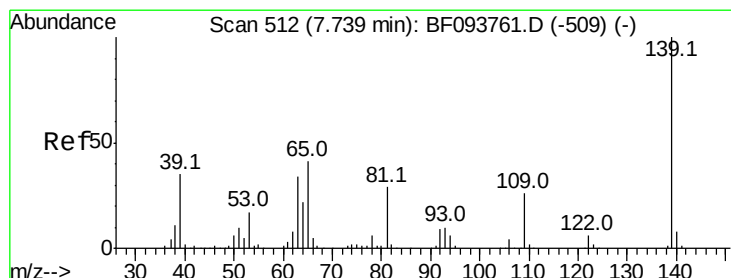
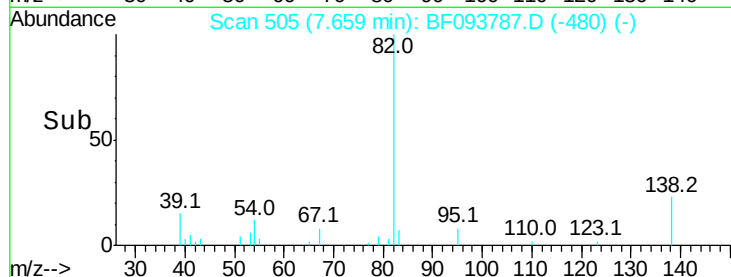
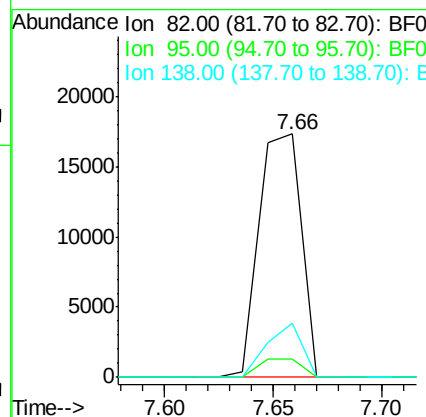
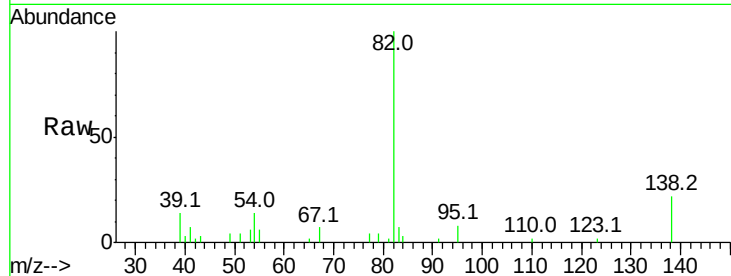
ClientSampleId :

CTMIX-1MSD

Tot Ion:	82	Resp:	23652
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.3	7.9
138	22.3	13.1	19.7#

Manual Integrations
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#26

2-Nitrophenol

Concen: 0.48 ng

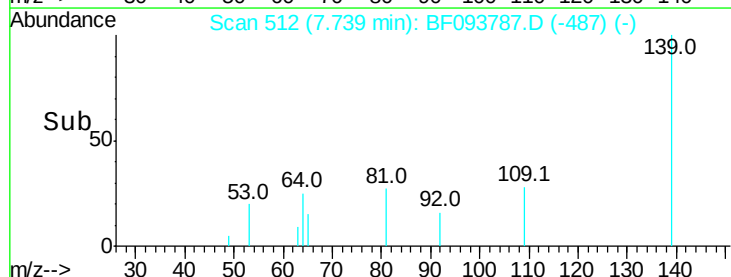
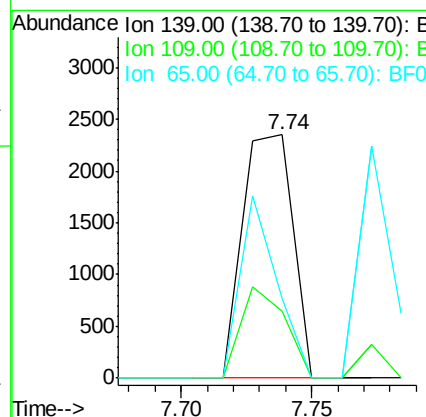
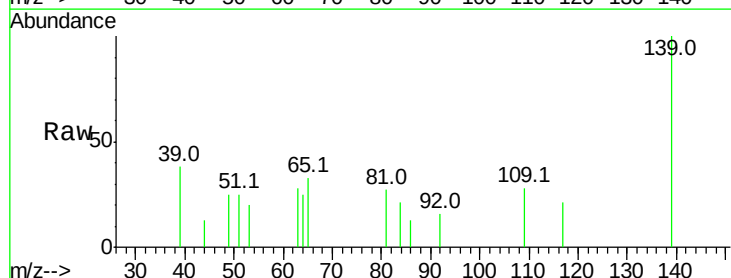
RT: 7.74 min Scan# 512

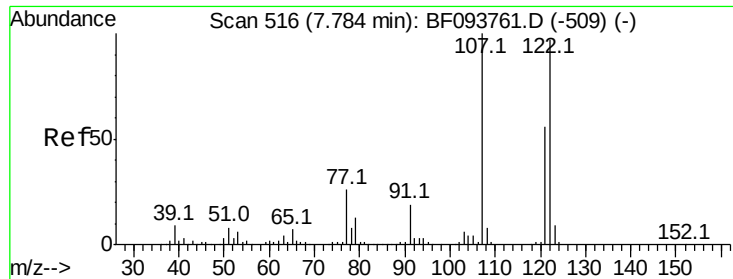
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	139	Resp:	3186
Ion Ratio	Lower	Upper	
139	100		
109	27.6	21.0	31.6
65	32.7	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 1.72 ng

RT: 7.77 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

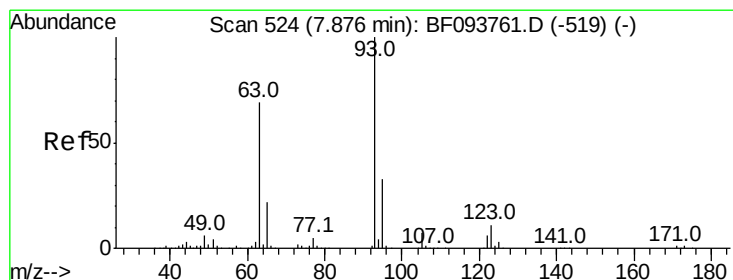
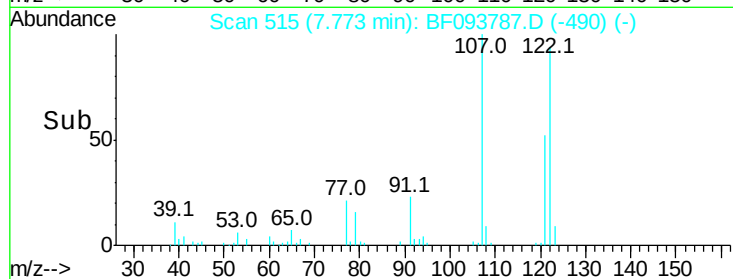
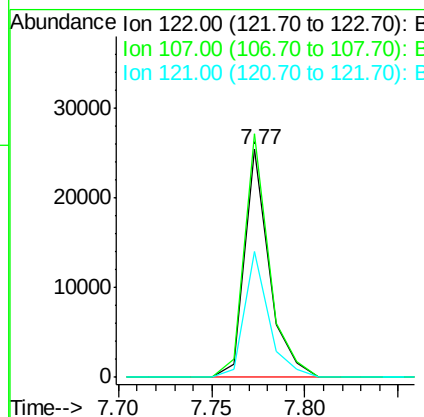
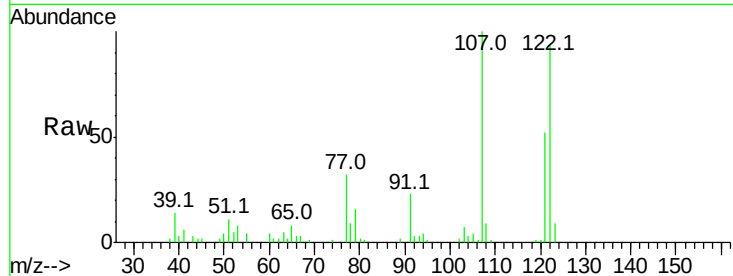
ClientSampleId :

CTMIX-1MSD

Tot Ion:	122	Resp:	23571
Ion Ratio	Lower	Upper	
122	100		
107	106.7	89.2	133.8
121	55.3	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 1.07 ng

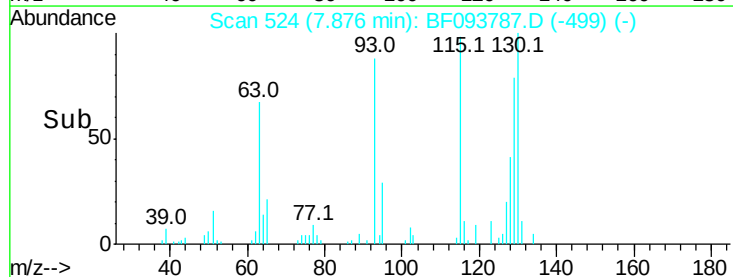
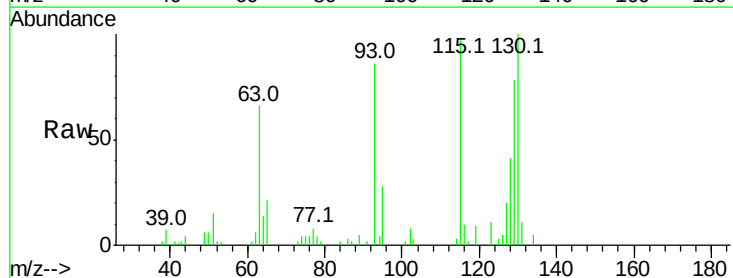
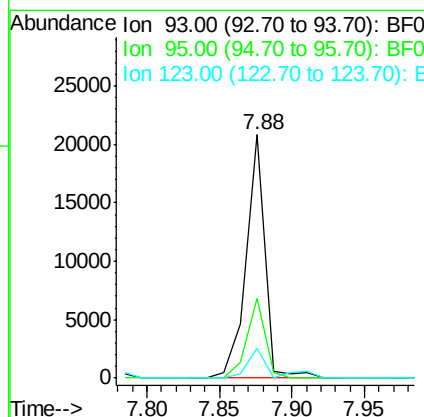
RT: 7.88 min Scan# 524

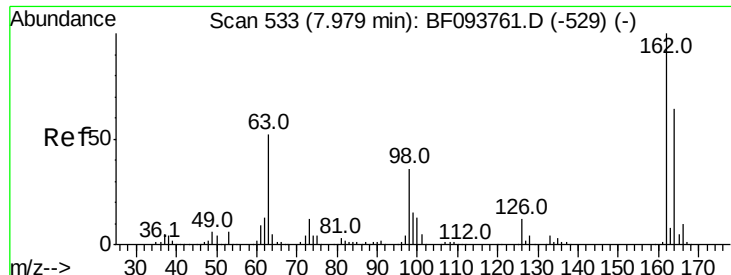
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	93	Resp:	18769
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	12.4	9.0	13.4





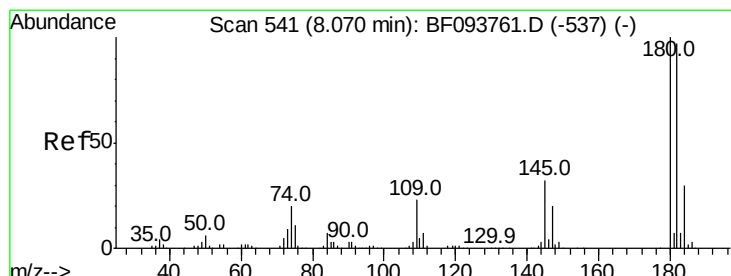
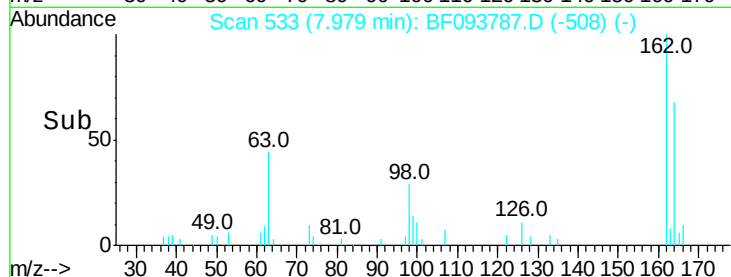
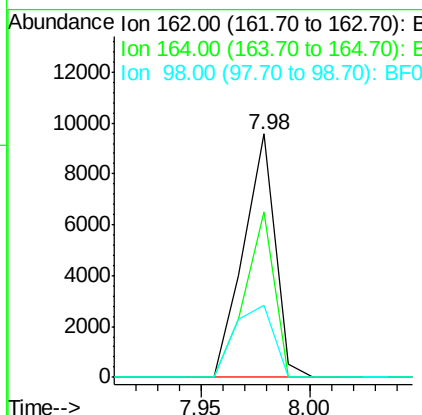
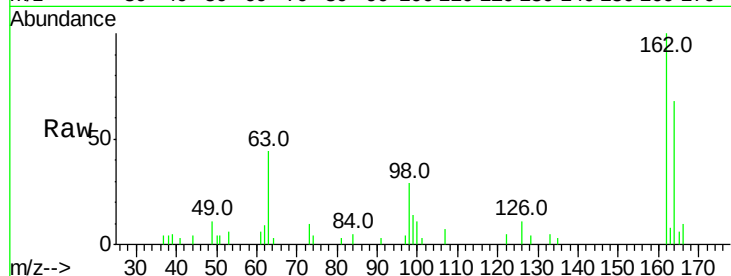
#29
 2,4-Dichlorophenol
 Concen: 0.83 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	44.6	84.6
98	29.4	14.8	54.8

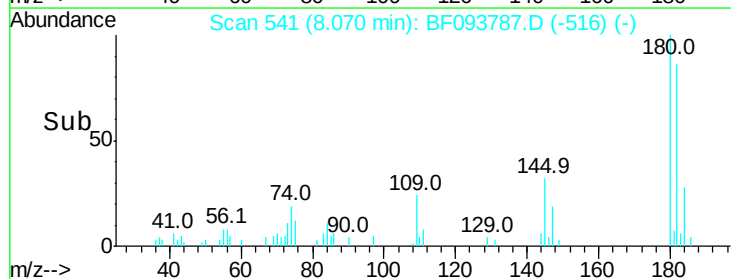
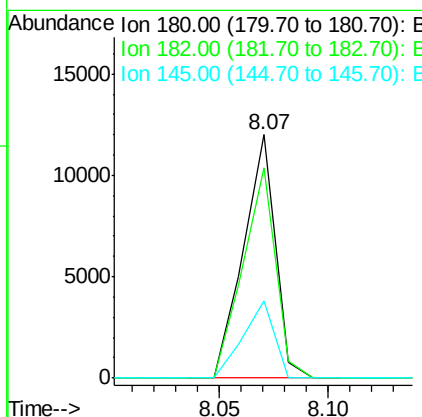
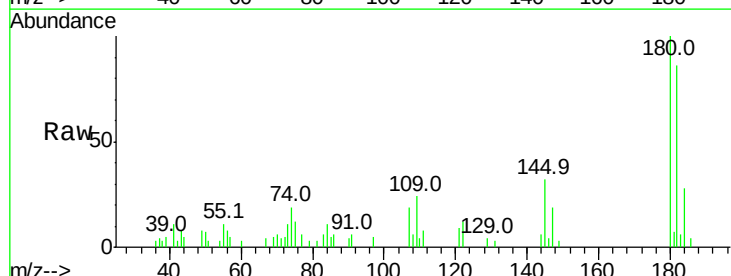
Manual Integrations
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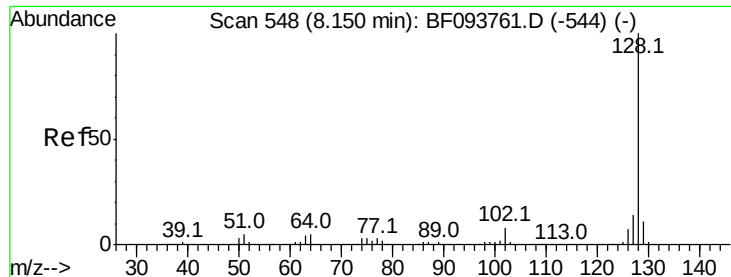
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 1.01 ng
 RT: 8.07 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.2	75.8	113.6
145	31.8	25.3	37.9





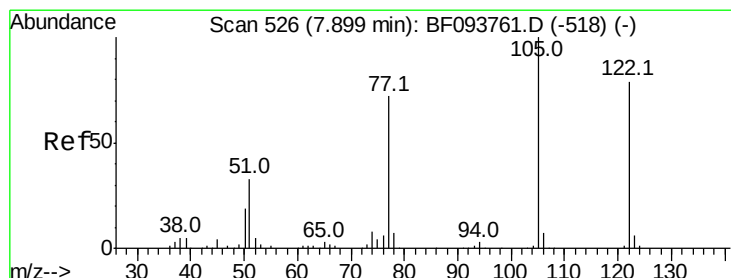
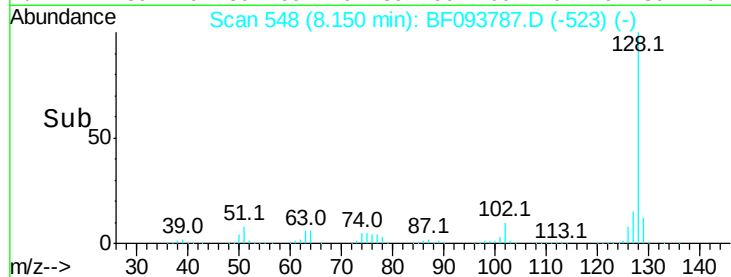
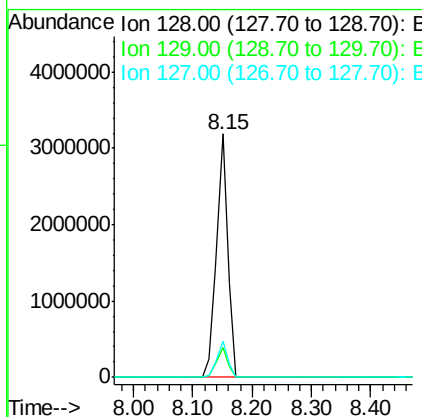
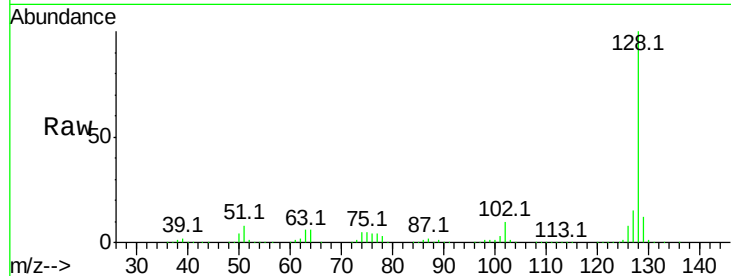
#31
Naphthalene
Concen: 103.00 ng
RT: 8.15 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion:128 Resp: 4187202
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.6
127 14.7 10.8 16.2

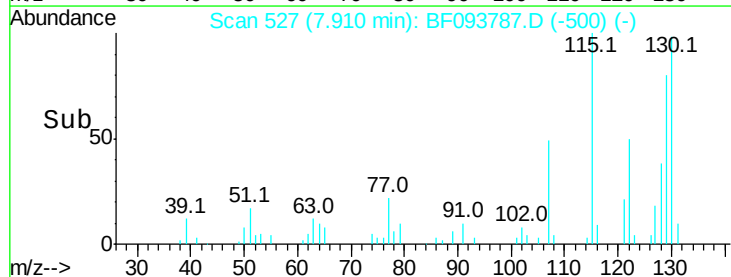
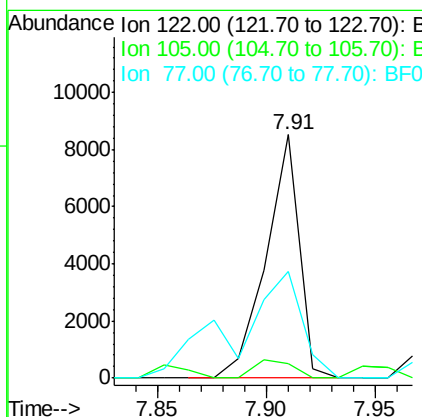
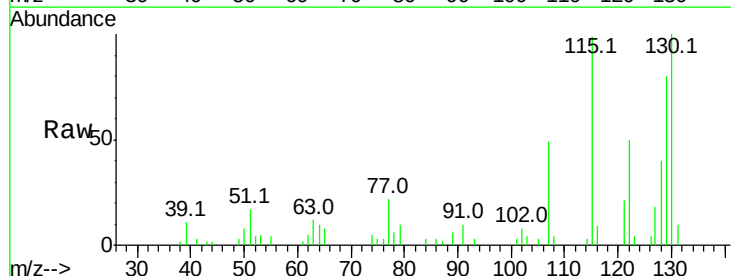
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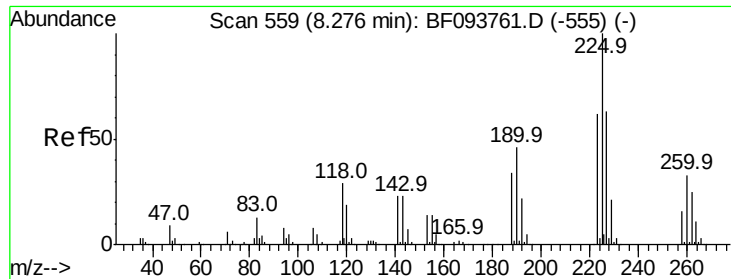
mohammad
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#32
Benzoic acid
Concen: 1.07 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion:122 Resp: 9136
Ion Ratio Lower Upper
122 100
105 5.7 103.3 143.3#
77 43.7 73.7 113.7#





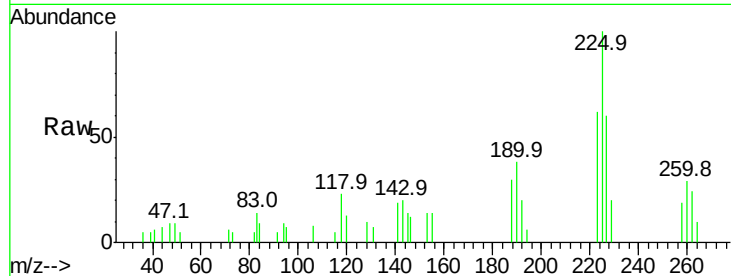
#34
Hexachlorobutadiene
Concen: 0.95 ng
RT: 8.28 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	60.1	51.1	76.7

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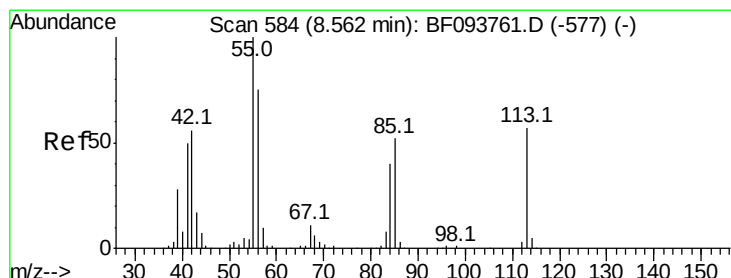
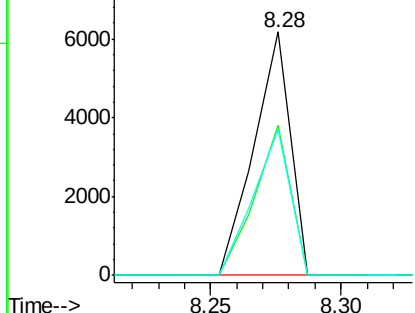
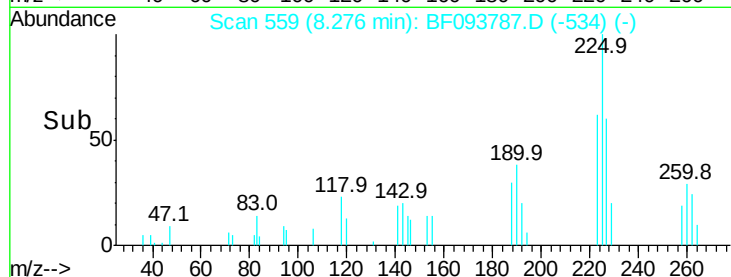


Abundance

Ion 225.00 (224.70 to 225.70): E

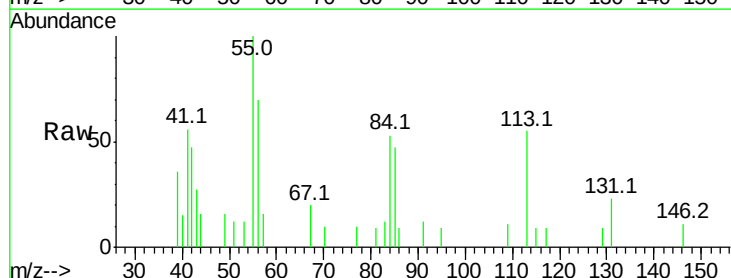
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 0.73 ng
RT: 8.50 min Scan# 579
Delta R.T. -0.07 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
113	100		
55	183.4	150.2	190.2
56	127.6	107.8	147.8

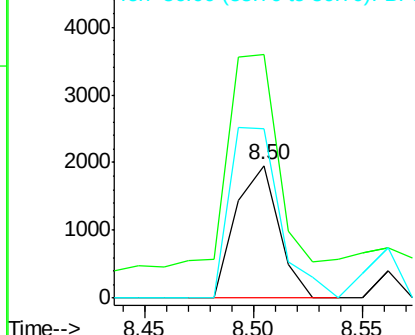
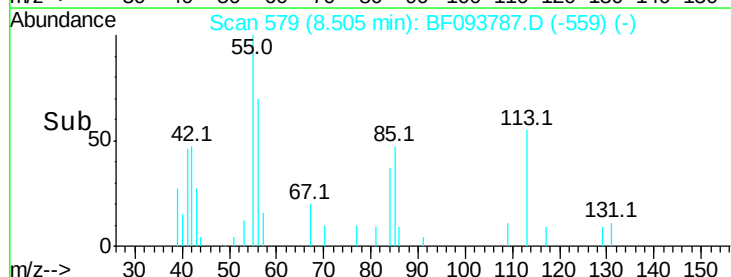


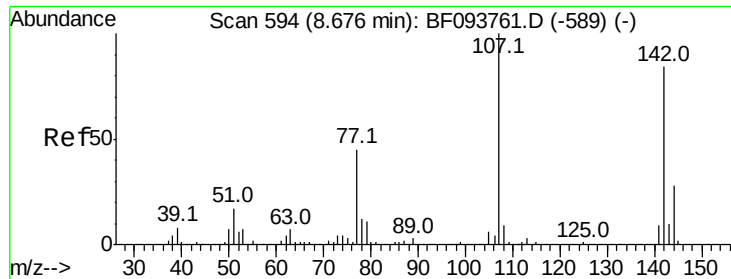
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





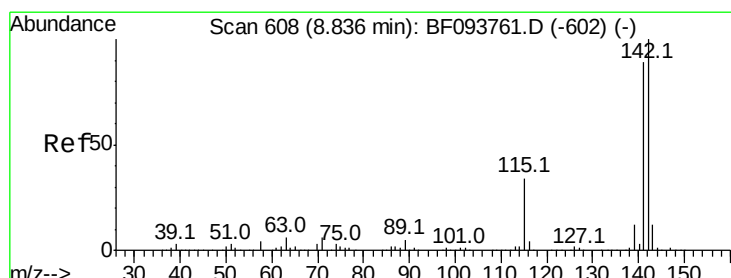
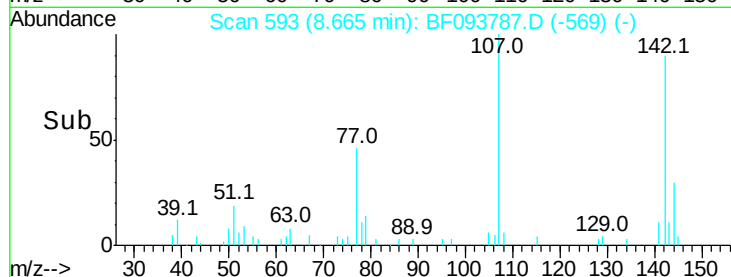
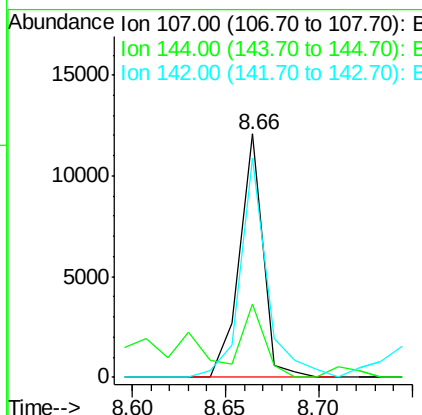
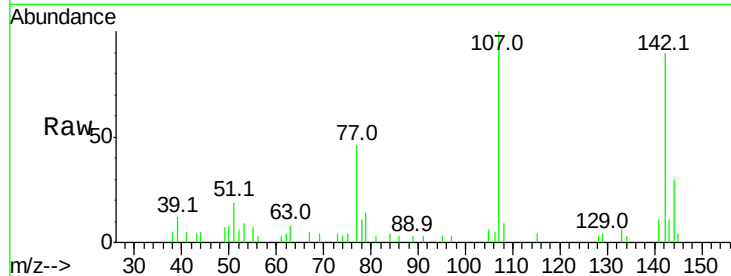
#36
 4-Chloro-3-methylphenol
 Concen: 0.89 ng
 RT: 8.66 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	30.0	24.2	36.4
142	89.9	73.4	110.0

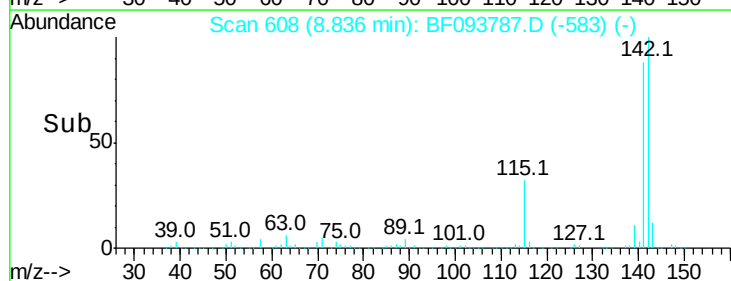
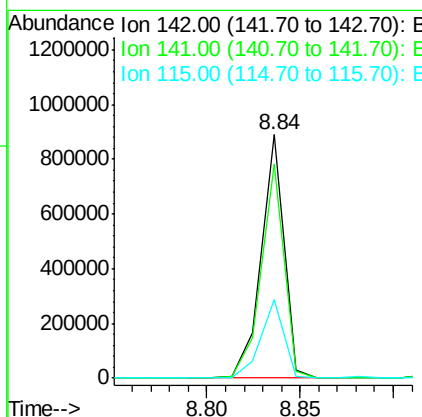
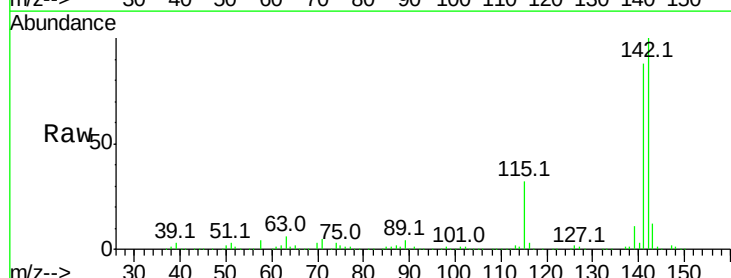
Manual Integrations
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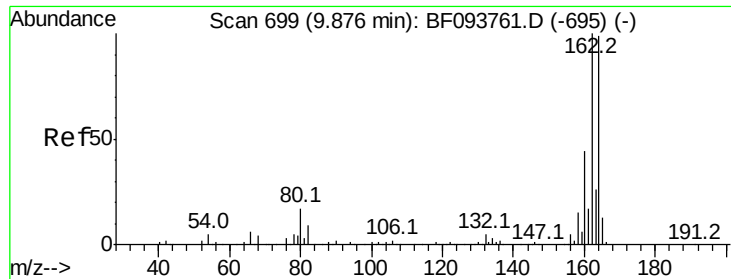
mohammad
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#37
 2-Methylnaphthalene
 Concen: 28.22 ng
 RT: 8.84 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	32.2	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: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

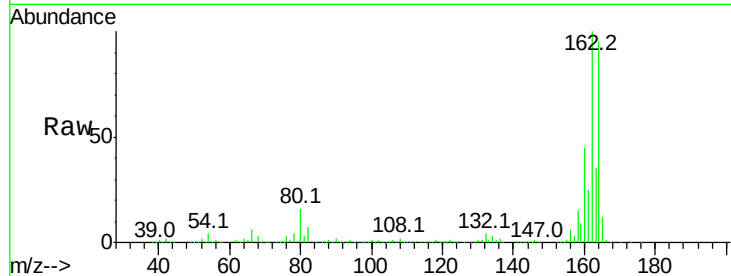
ClientSampleId :

CTMIX-1MSD

Tot Ion:	164	Resp:	383833
Ion Ratio	Lower	Upper	
164	100		
162	105.5	82.6	123.8
160	47.3	36.2	54.2

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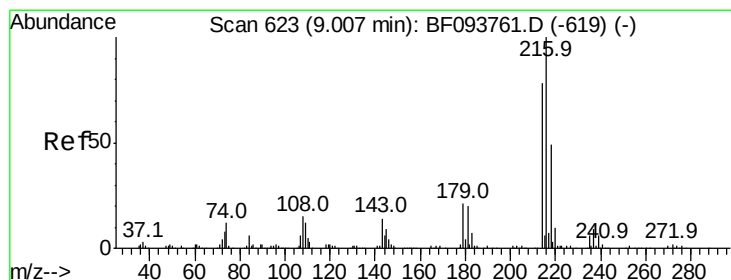
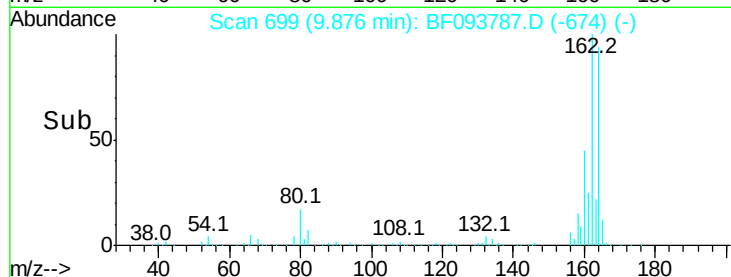
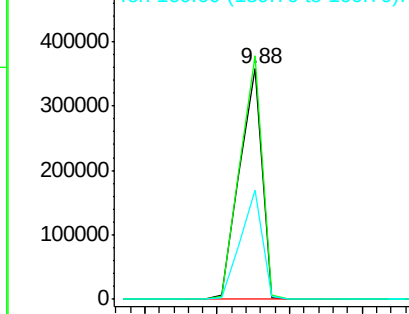


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.02 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	216	Resp:	10362
Ion Ratio	Lower	Upper	
216	100		
214	77.3	63.4	95.2
179	22.5	17.9	26.9
108	22.9	16.5	24.7

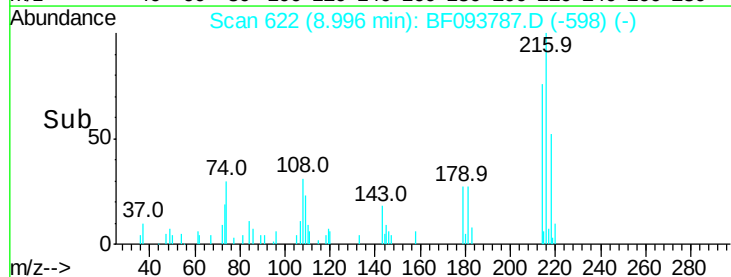
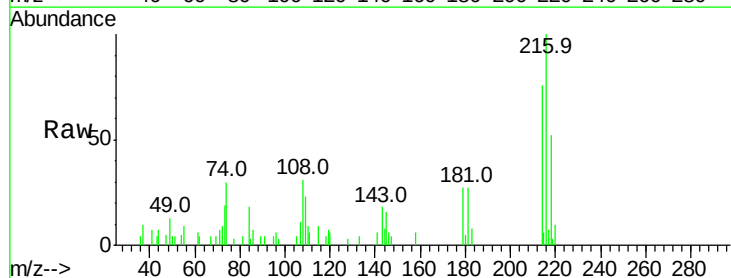
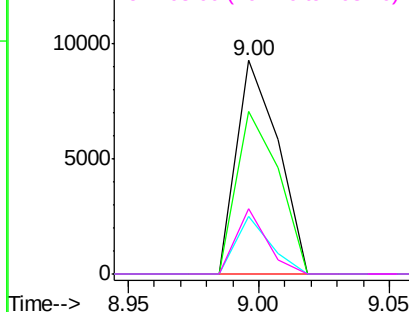
Abundance

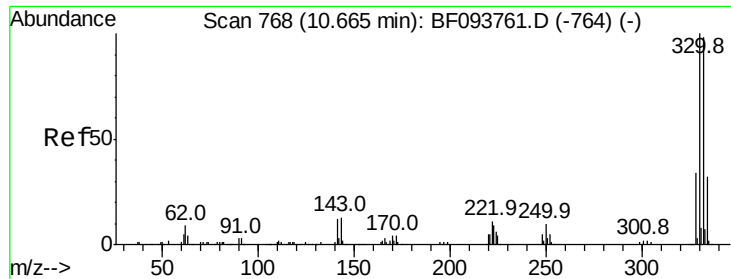
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





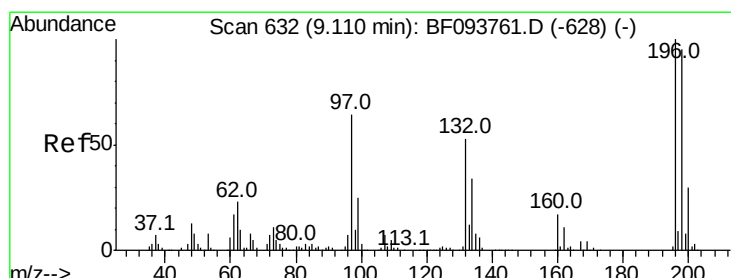
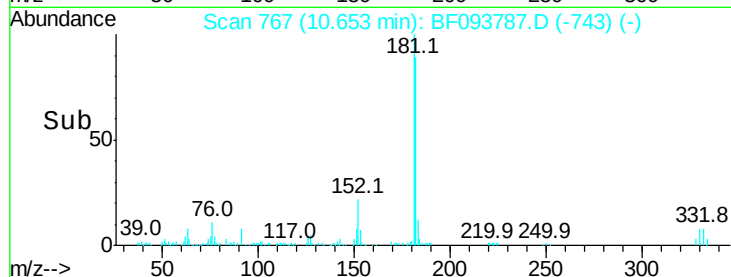
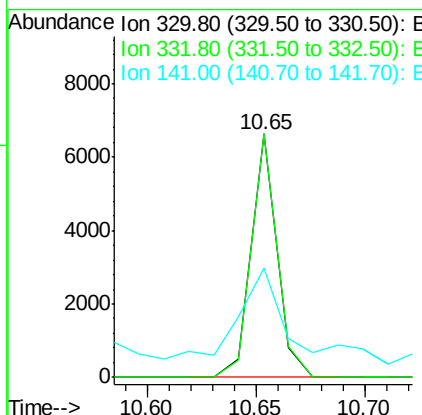
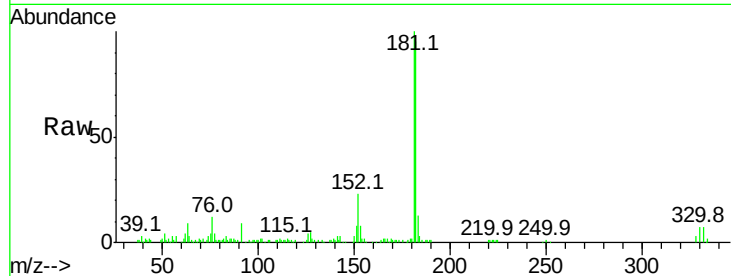
#41
 2,4,6-Tribromophenol
 Concen: 1.83 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.0	76.6	115.0
141	80.3	31.4	47.2#

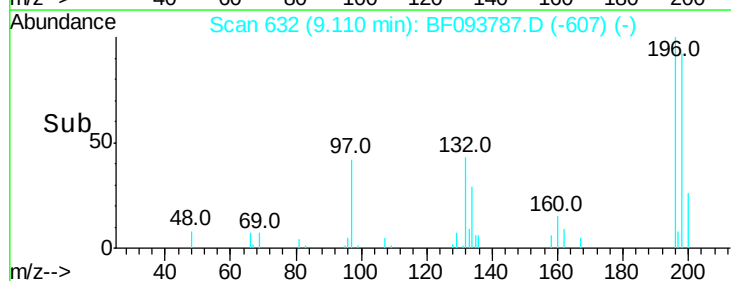
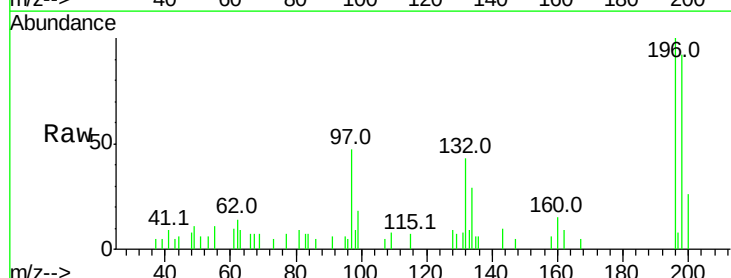
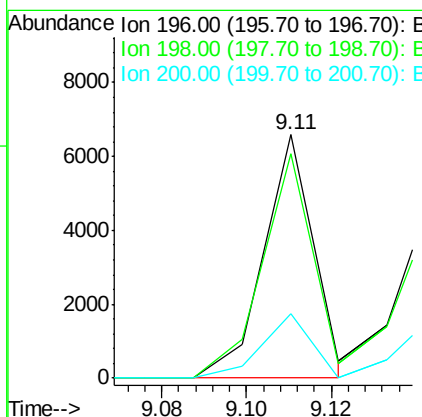
Manual Integrations
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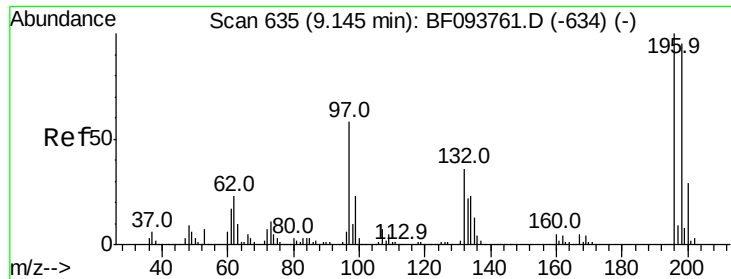
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 0.74 ng m
 RT: 9.11 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.2	111.4
200	26.4	24.0	36.0





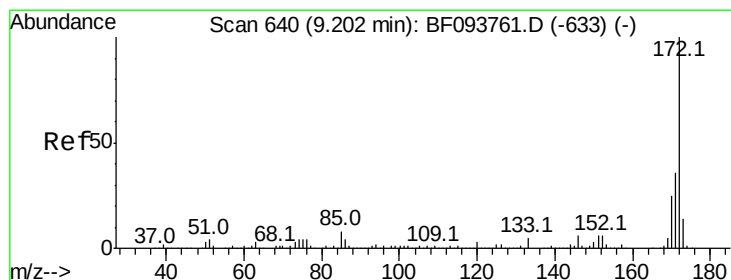
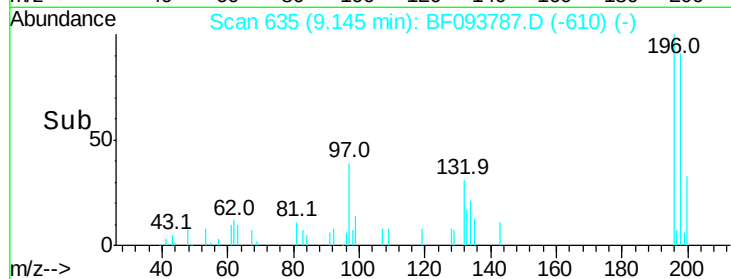
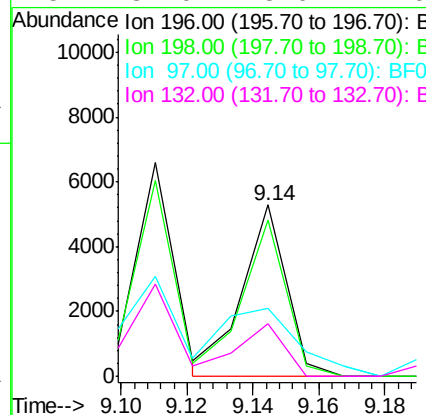
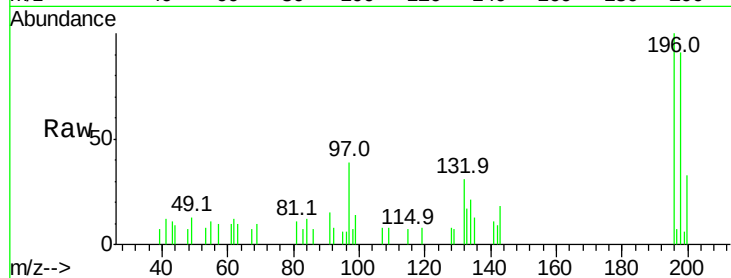
#43
 2,4,5-Trichlorophenol
 Concen: 0.64 ng/ml
 RT: 9.14 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	4883		
198	91.2		75.7	113.5
97	39.3		47.7	71.5#
132	31.0		28.0	42.0

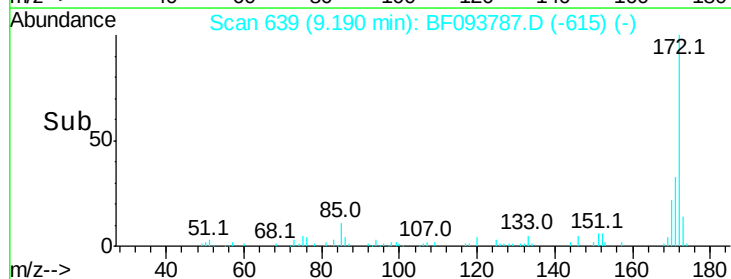
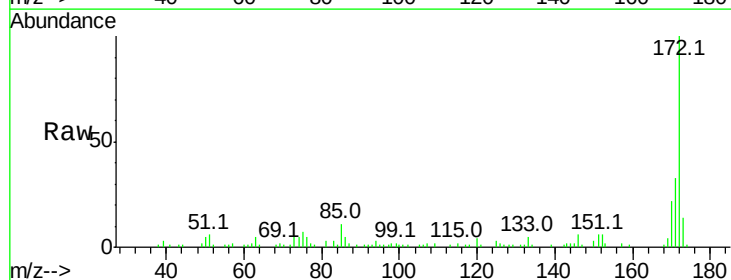
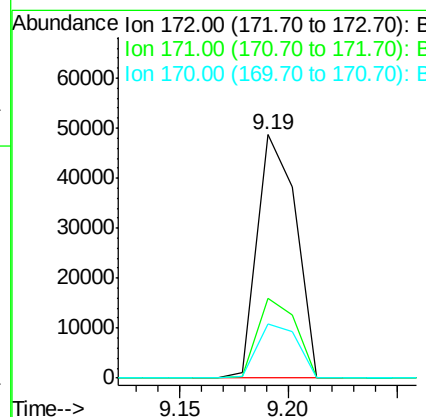
Manual Integrations
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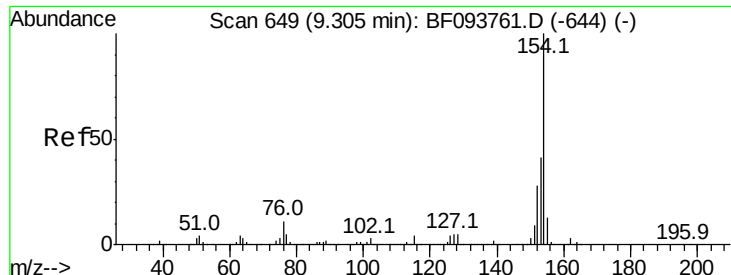
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 2.65 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	60445		
171	32.6		29.6	44.4
170	22.3		19.8	29.8





#45

1,1'-Biphenyl

Concen: 7.15 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

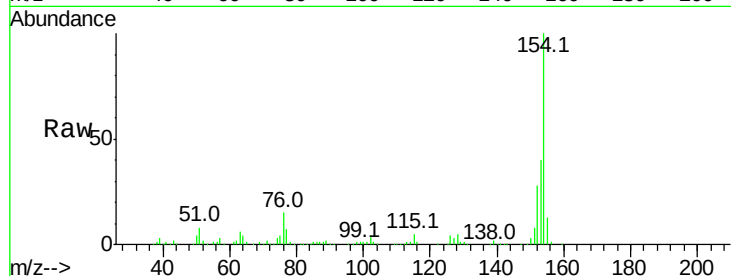
ClientSampleId :

CTMIX-1MSD

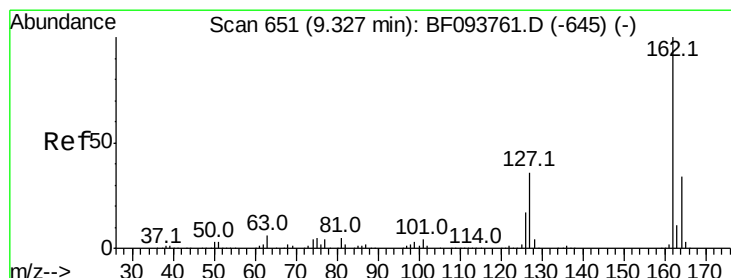
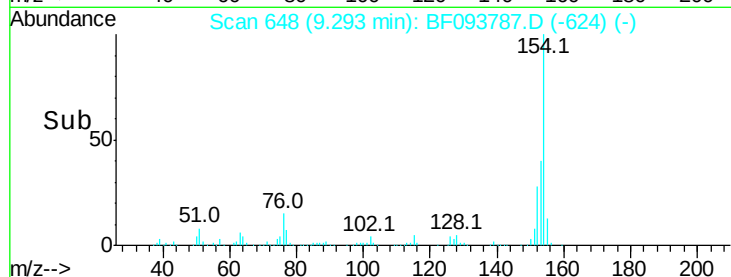
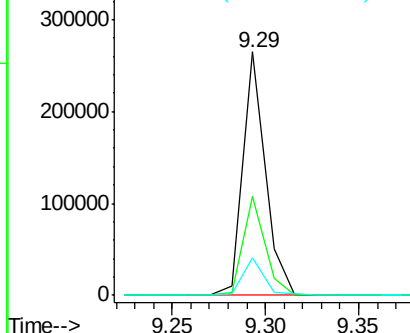
Tot Ion:	154	Resp:	222963
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.2	61.2
76	15.3	0.0	29.9

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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: 1.07 ng

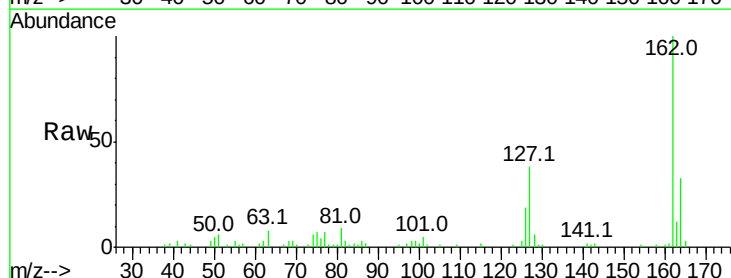
RT: 9.32 min Scan# 650

Delta R.T. -0.02 min

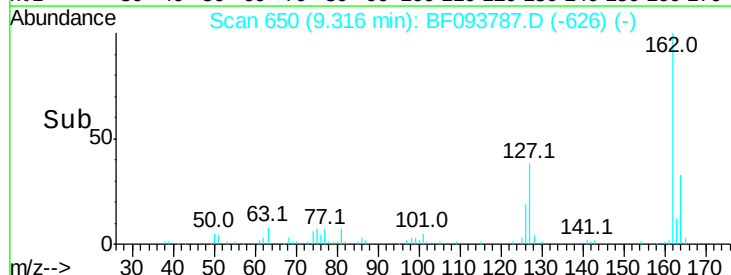
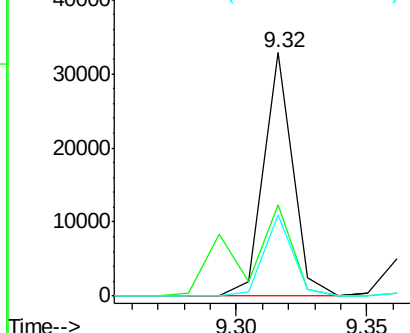
Lab File: BF093787.D

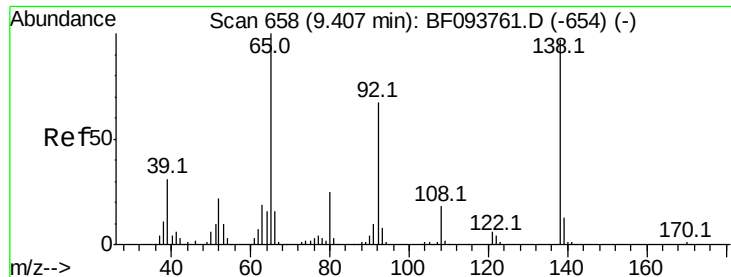
Acq: 21 Mar 2017 1:49

Tgt Ion:	162	Resp:	25668
Ion Ratio	Lower	Upper	
162	100		
127	37.6	28.3	42.5
164	33.3	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





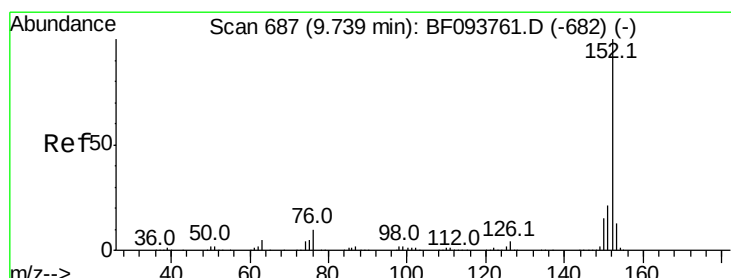
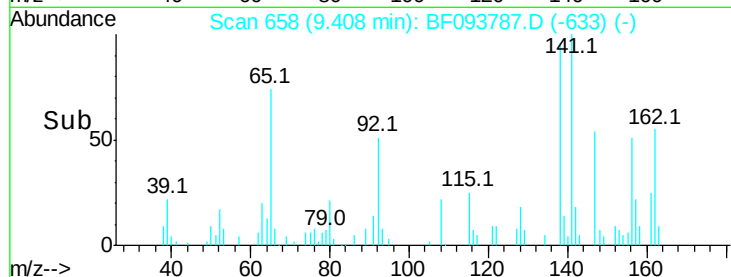
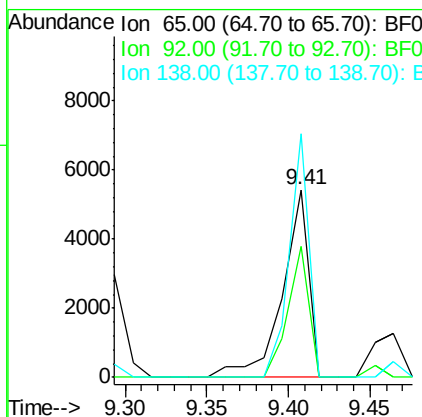
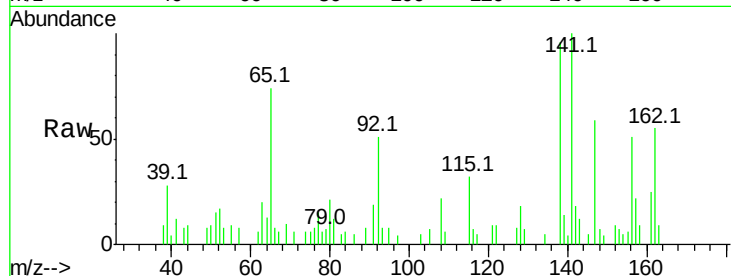
#47
2-Nitroaniline
Concen: 0.91 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.9	80.9
138	129.9	78.8	118.2

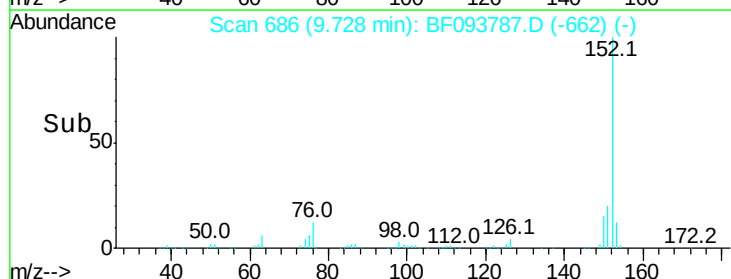
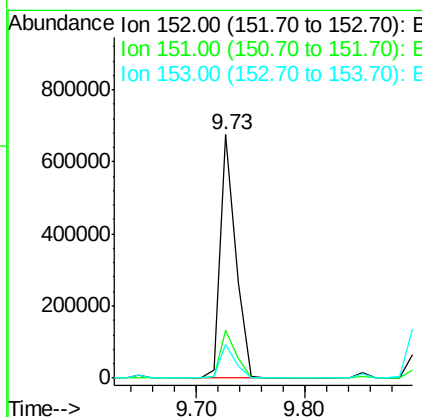
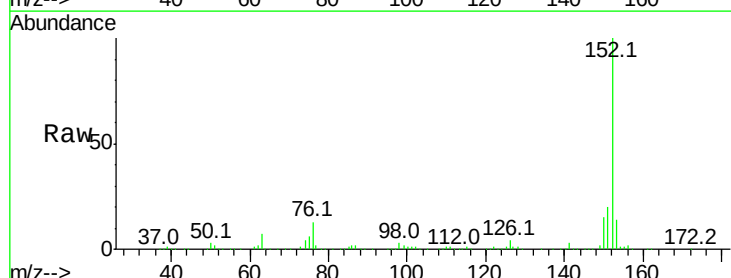
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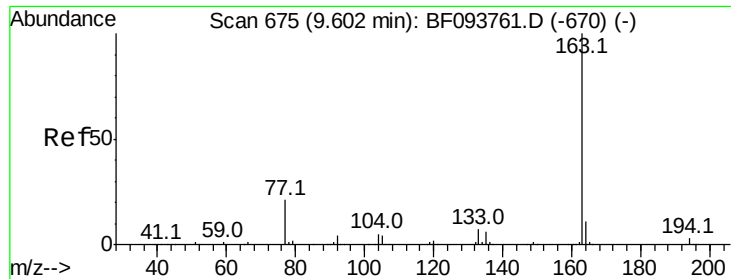
mohammad
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#48
Acenaphthylene
Concen: 17.07 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.9	10.8	16.2





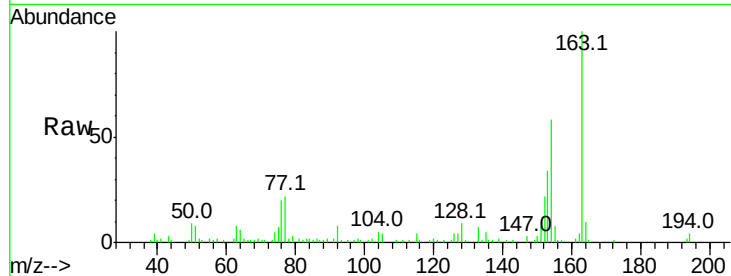
#49
Dimethylphthalate
Concen: 1.40 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	10.1	8.4	12.6

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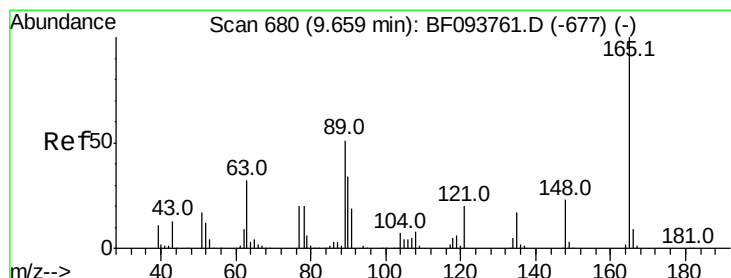
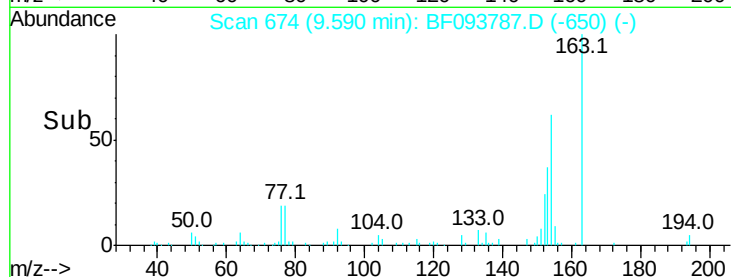
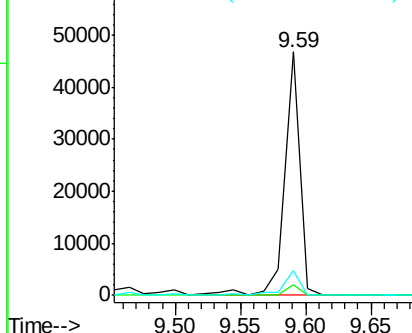


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 0.60 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

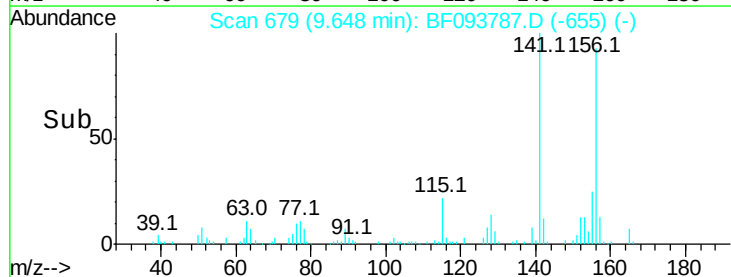
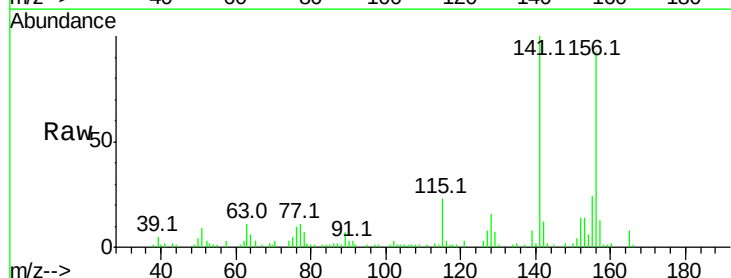
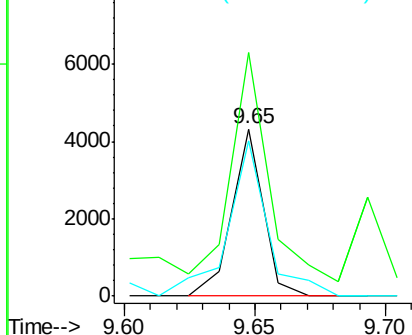
Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	145.8	34.3	51.5#
89	92.8	37.1	55.7#

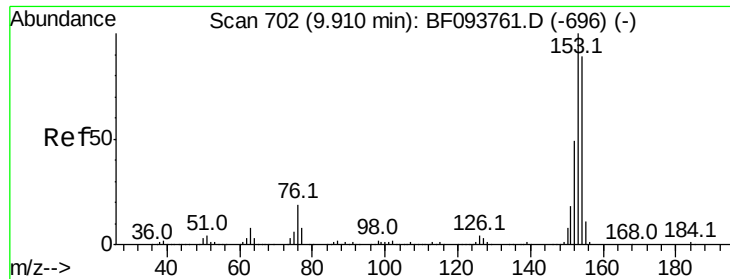
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





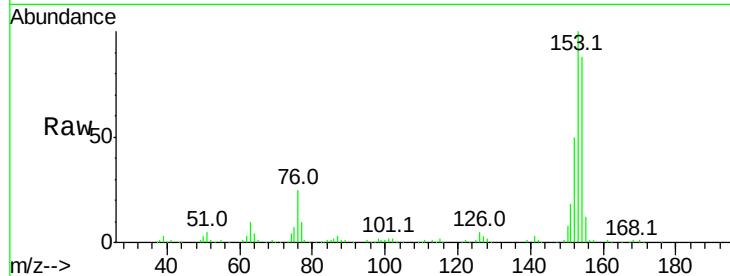
#51
Acenaphthene
Concen: 5.85 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

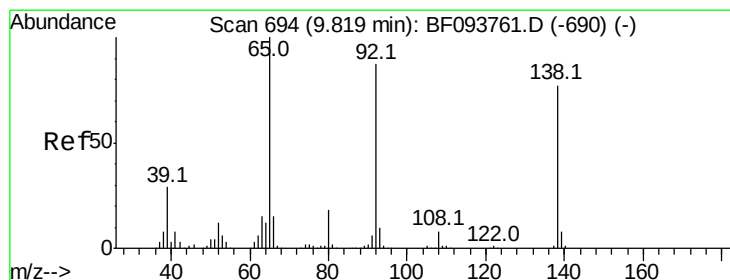
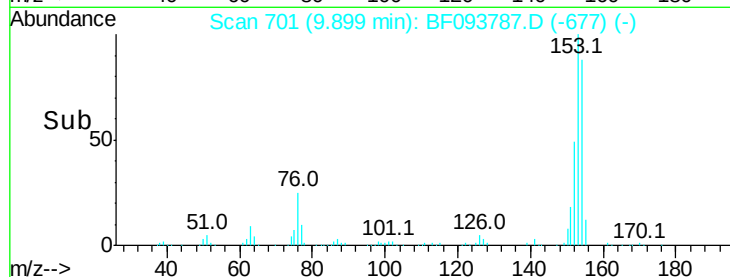
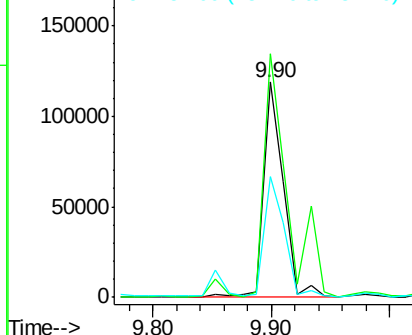
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	56.0	43.6	65.4

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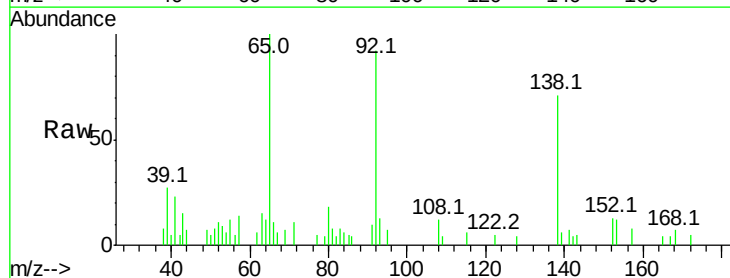


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

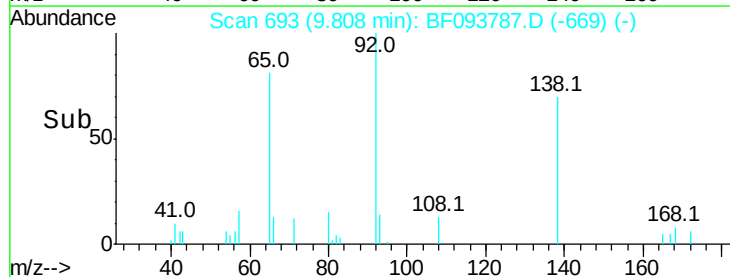
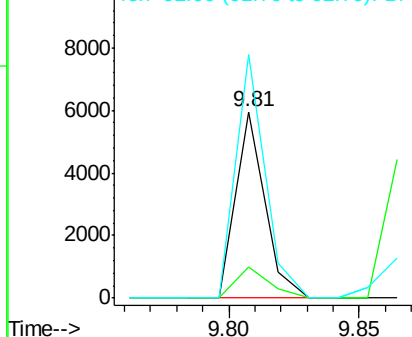


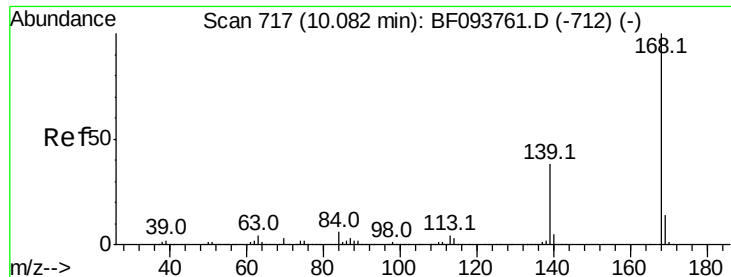
#52
3-Nitroaniline
Concen: 0.65 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	16.5	9.1	13.7#
92	130.7	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





#54

Dibenzofuran

Concen: 18.96 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

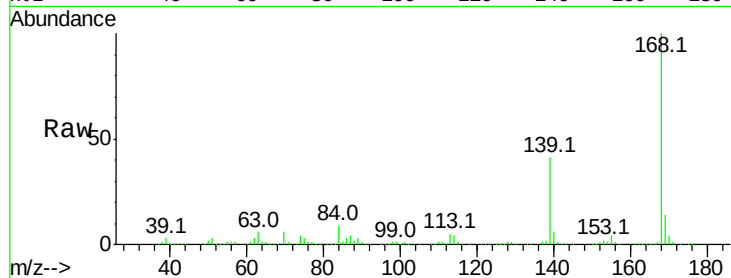
ClientSampleId :

CTMIX-1MSD

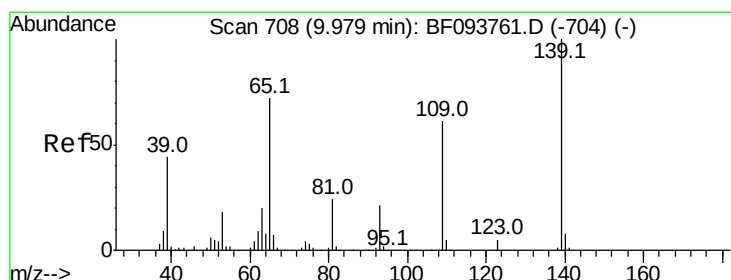
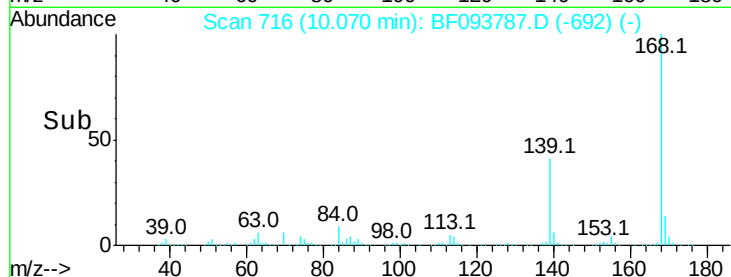
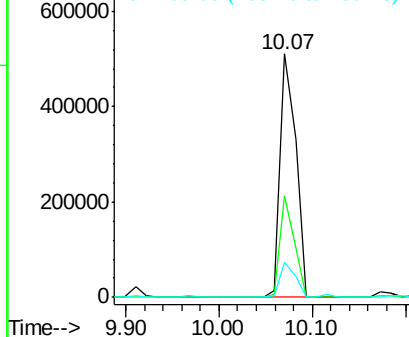
Tot Ion:	168	Resp:	593150
Ion Ratio	Lower	Upper	
168	100		
139	41.5	30.6	45.8
169	14.3	10.8	16.2

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 1.06 ng m

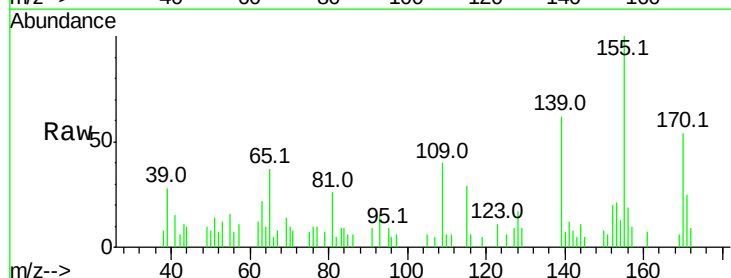
RT: 9.97 min Scan# 707

Delta R.T. -0.02 min

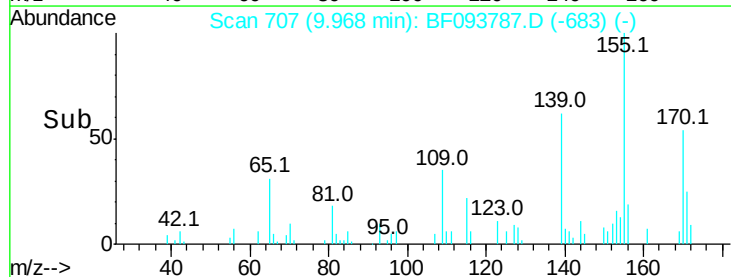
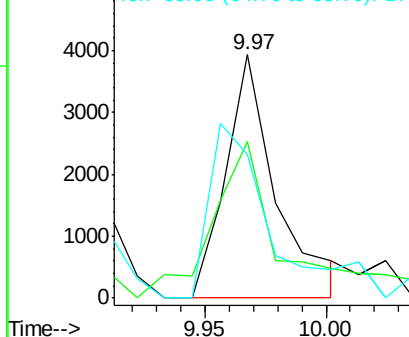
Lab File: BF093787.D

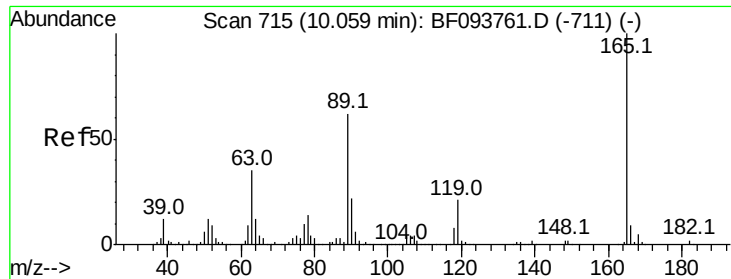
Acq: 21 Mar 2017 1:49

Tgt Ion:	139	Resp:	5738
Ion Ratio	Lower	Upper	
139	100		
109	64.2	34.1	74.1
65	59.1	31.4	71.4



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





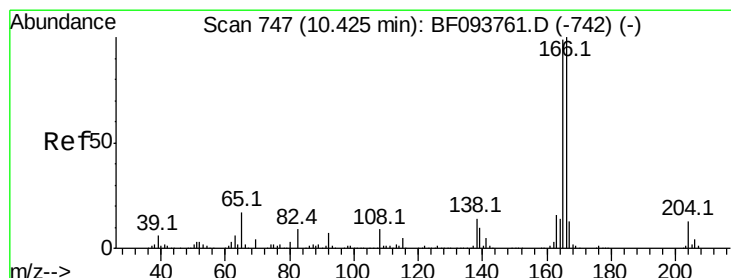
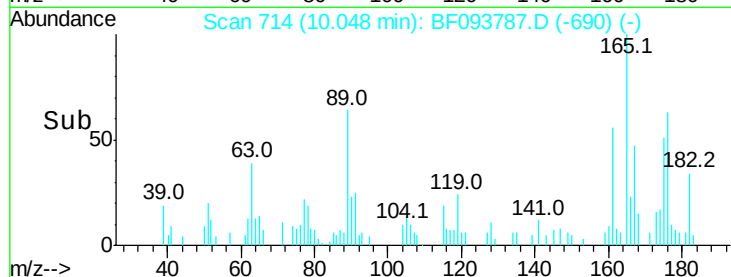
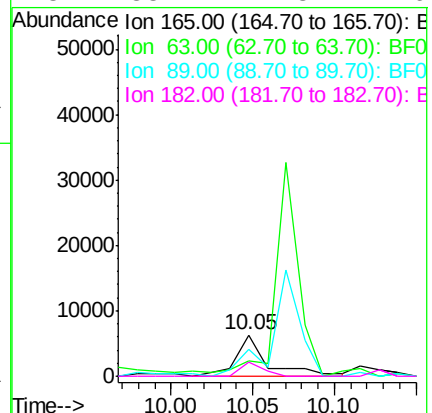
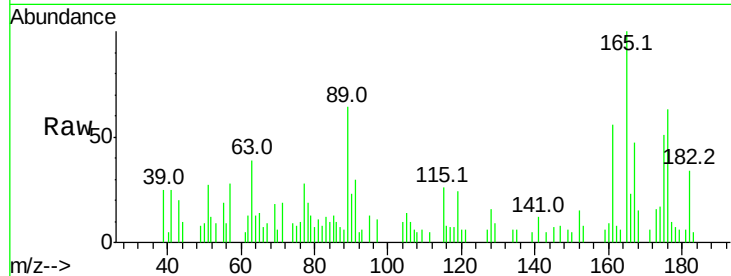
#56
 2,4-Dinitrotoluene
 Concen: 1.14 ng
 RT: 10.05 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	8651		
63	38.6	25.4	38.0#	
89	64.4	46.4	69.6	
182	33.7	1.8	2.6#	

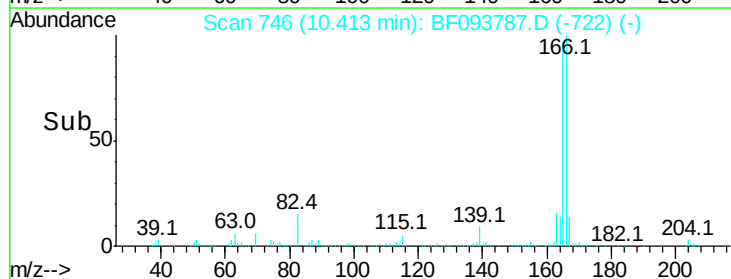
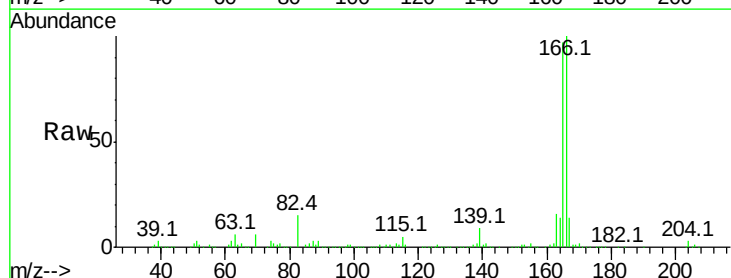
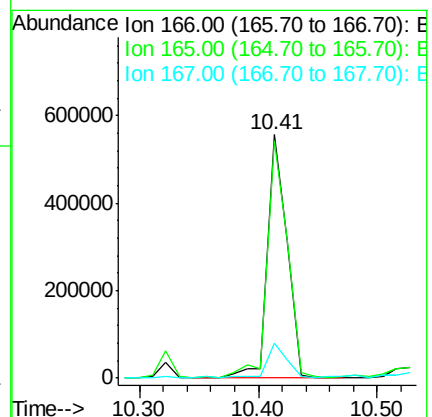
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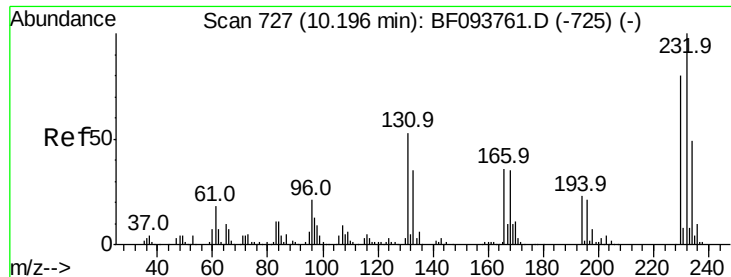
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#57
 Fluorene
 Concen: 26.73 ng
 RT: 10.41 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	640388		
165	97.5	78.8	118.2	
167	14.2	10.6	16.0	





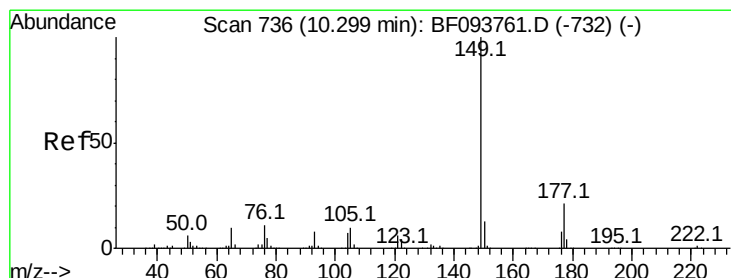
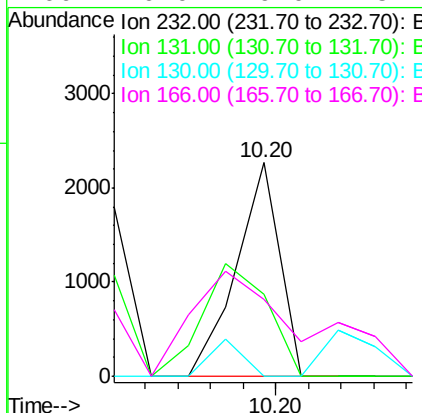
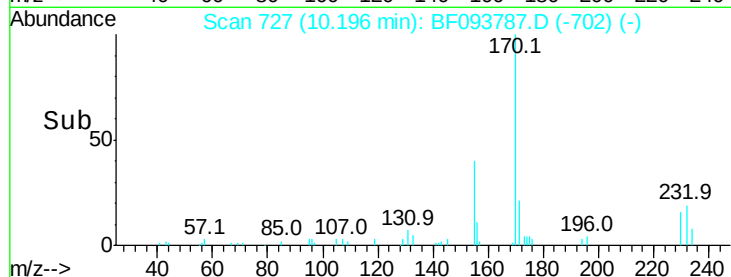
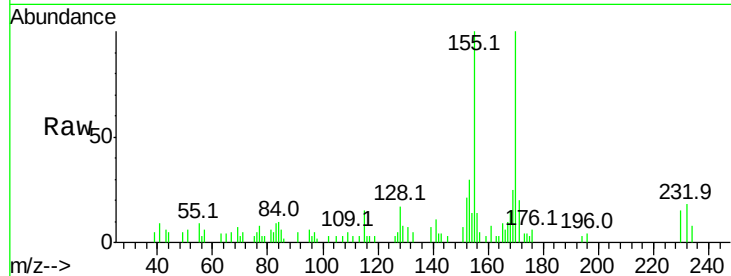
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.39 ng
 RT: 10.20 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	79.7	44.8	67.2#
130	13.1	2.3	3.5#
166	0.0	29.0	43.4#

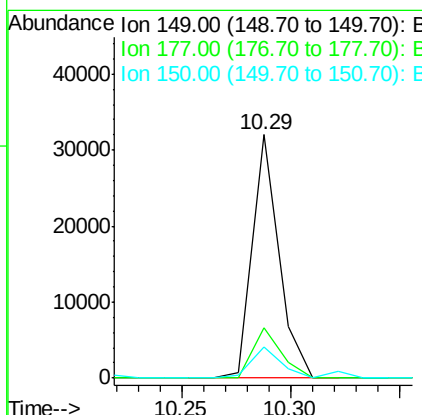
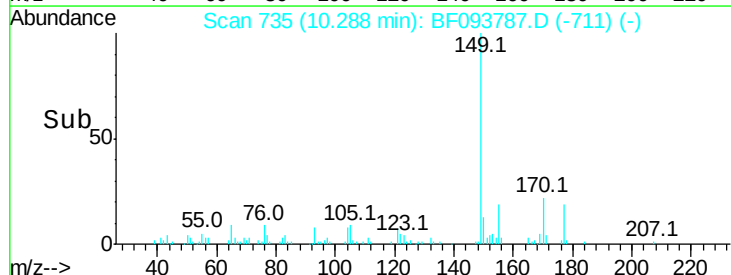
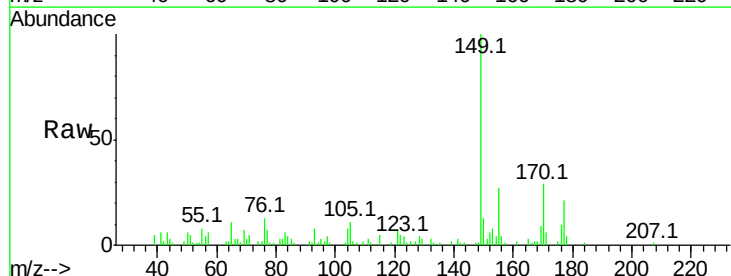
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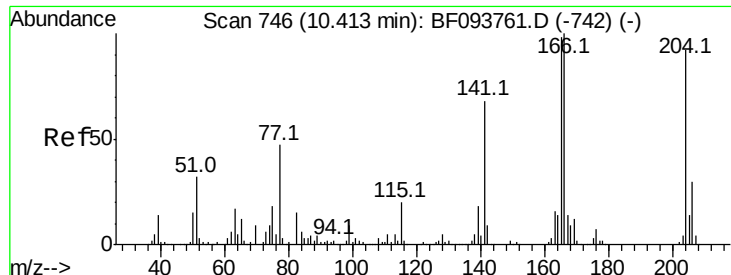
mohammad
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#59
 Diethylphthalate
 Concen: 1.02 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.9	10.2	15.2





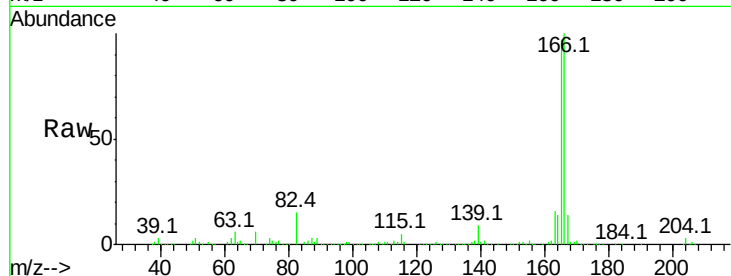
#60
4-Chlorophenyl-phenylether
Concen: 1.10 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

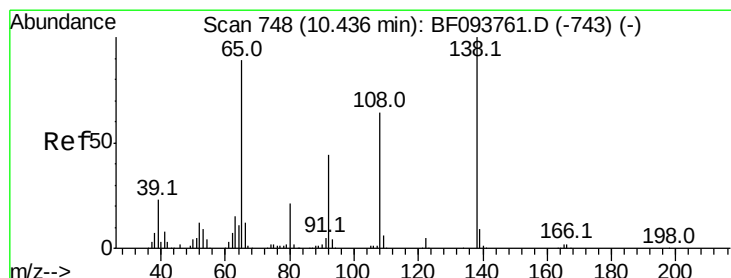
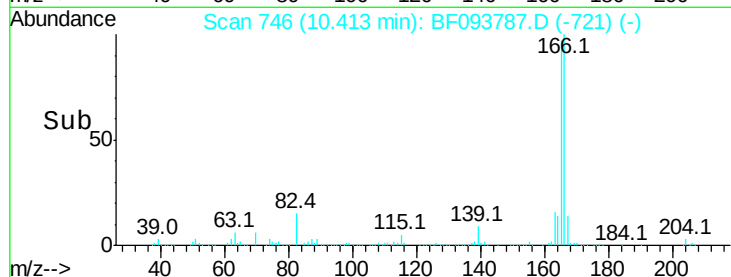
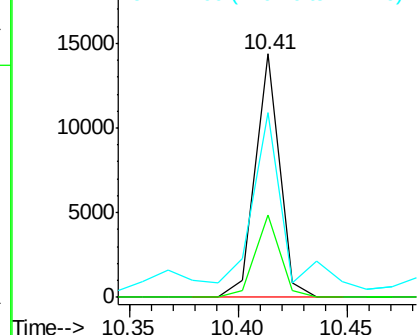
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	75.6	60.8	91.2

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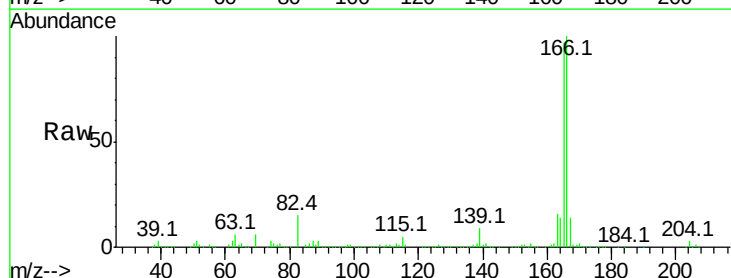


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

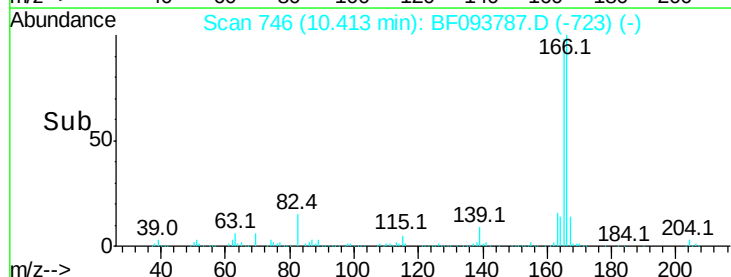
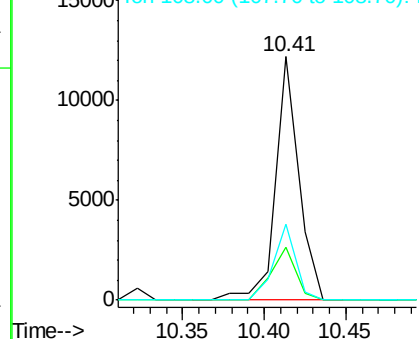


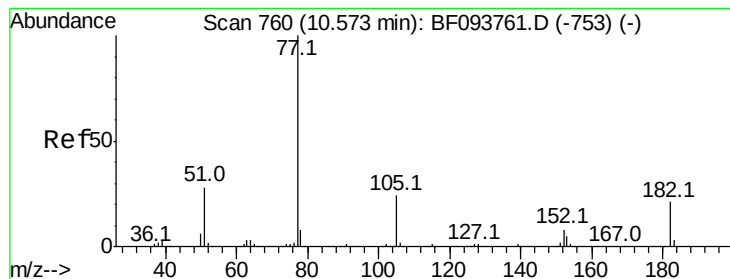
#61
4-Nitroaniline
Concen: 1.88 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	21.5	21.8	61.8#
108	31.3	42.3	82.3#



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: 0.98 ng

RT: 10.56 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

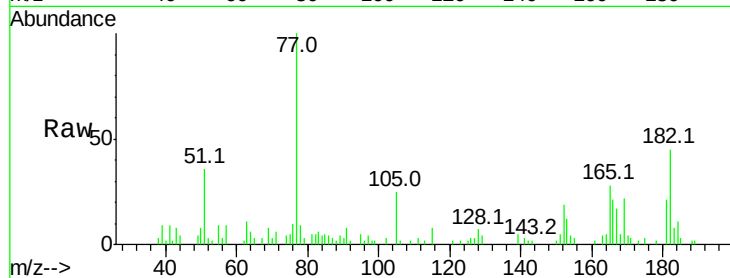
ClientSampleId :

CTMIX-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	44.8	0.1	40.1	#
105	24.6	3.6	43.6	
51	36.2	9.4	49.4	

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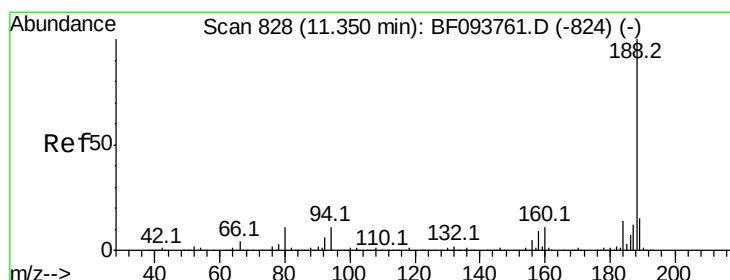
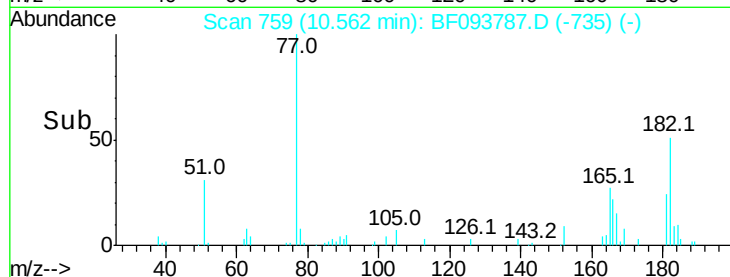
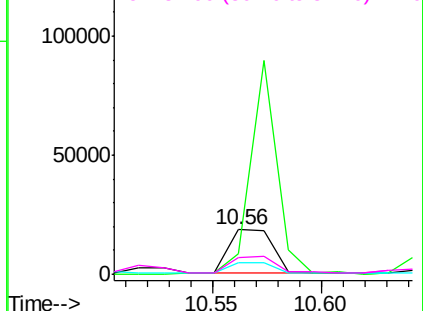


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

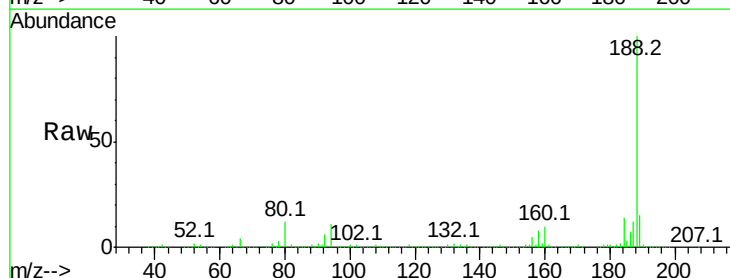
RT: 11.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

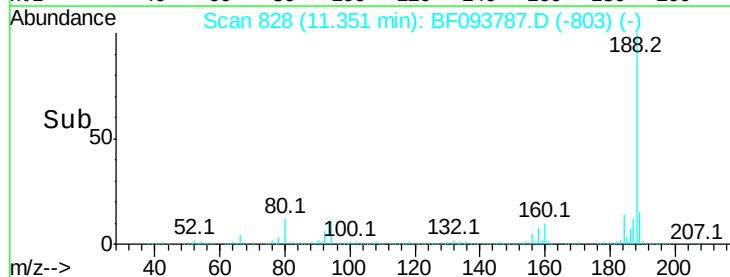
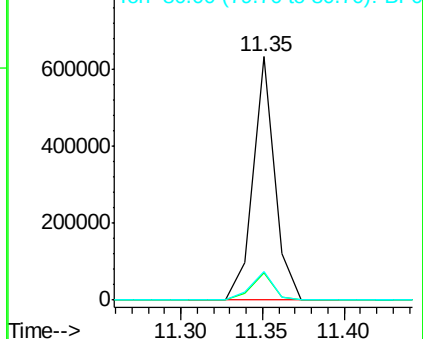
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	11.7	10.2	15.2	

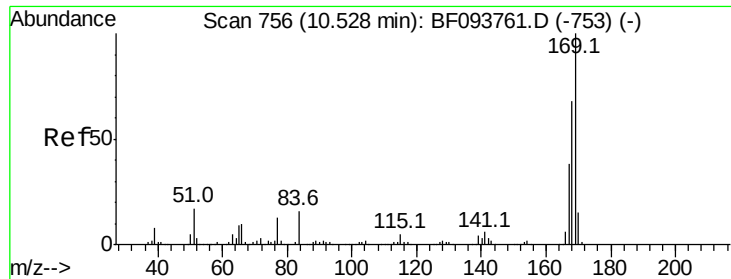


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 1.56 ng

RT: 10.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

Tot Ion:169 Resp: 30564

Ion Ratio Lower Upper

169 100

168 80.5 53.2 79.8#

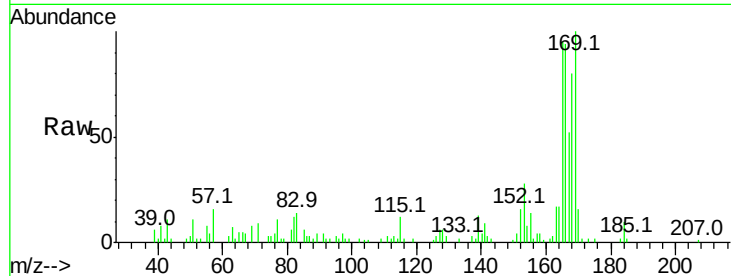
167 52.4 29.5 44.3#

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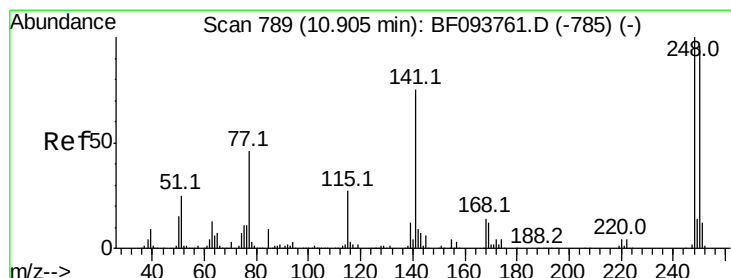
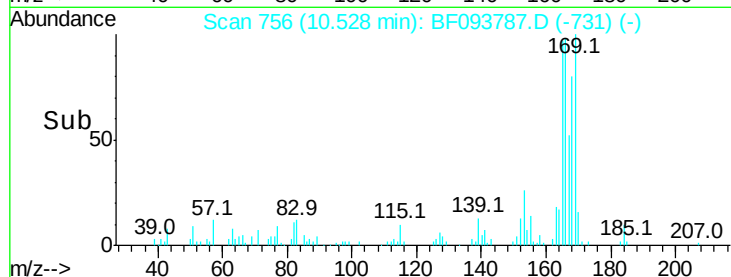
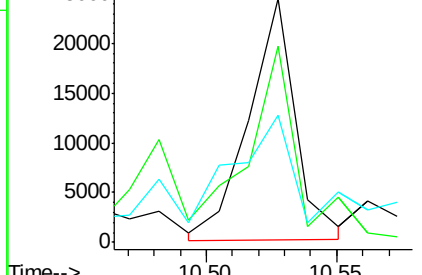
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 1.02 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

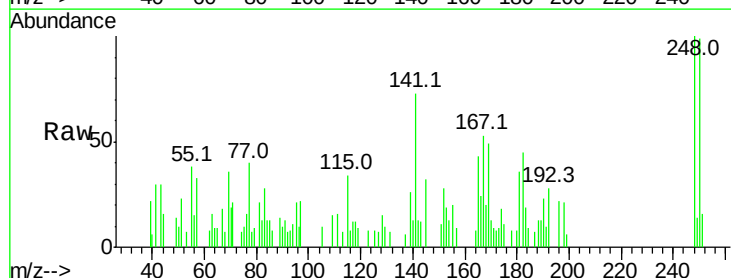
Tgt Ion:248 Resp: 5789

Ion Ratio Lower Upper

248 100

250 99.0 76.8 115.2

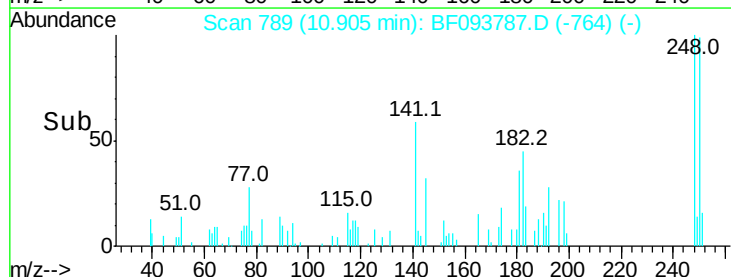
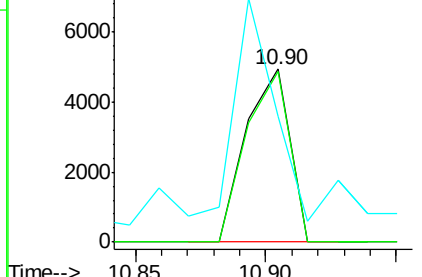
141 72.6 68.6 103.0

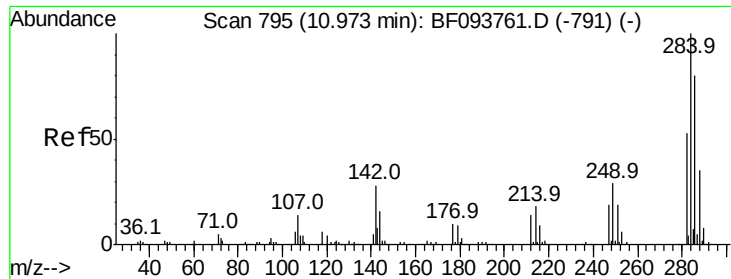


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 0.94 ng

RT: 10.97 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

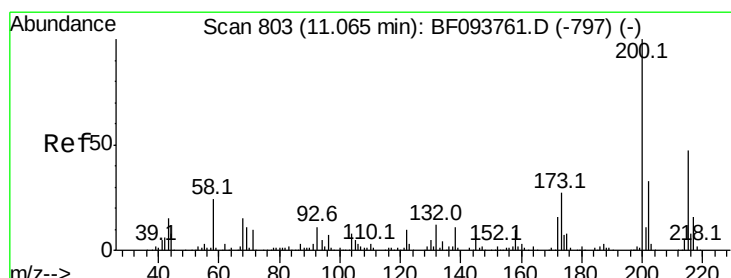
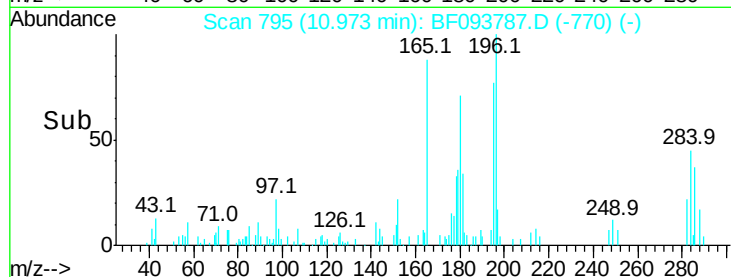
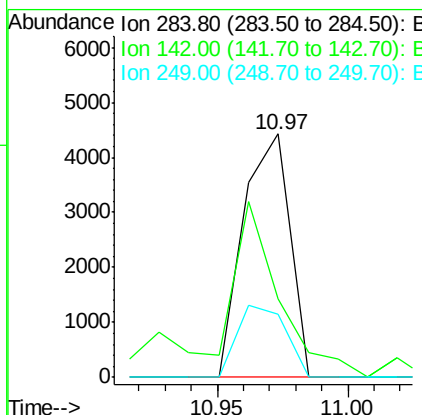
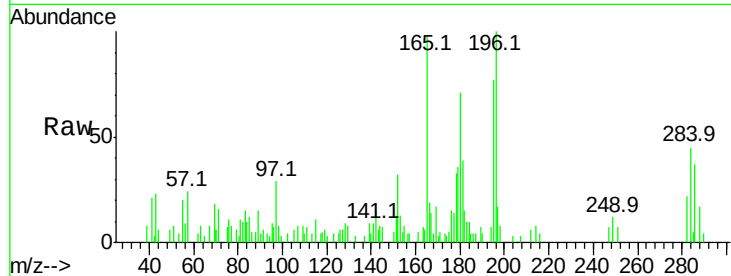
ClientSampleId :

CTMIX-1MSD

Tot Ion:	284	Resp:	5473
Ion Ratio	Lower	Upper	
284	100		
142	32.1	22.8	34.2
249	25.7	24.0	36.0

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#68

Atrazine

Concen: 1.03 ng

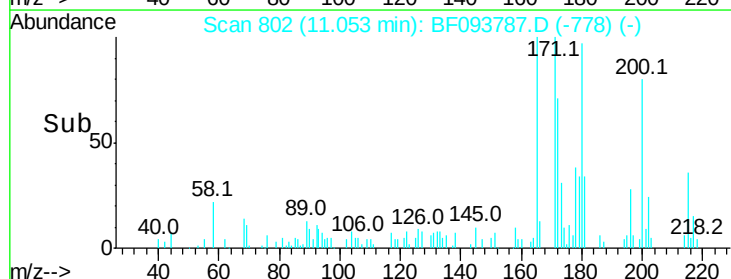
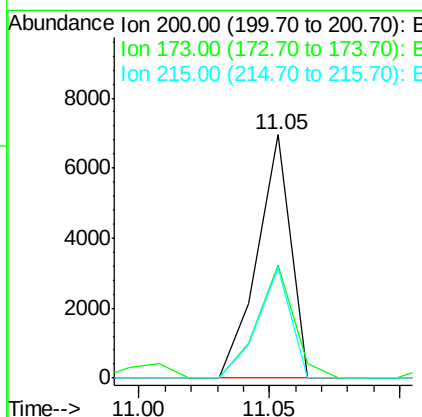
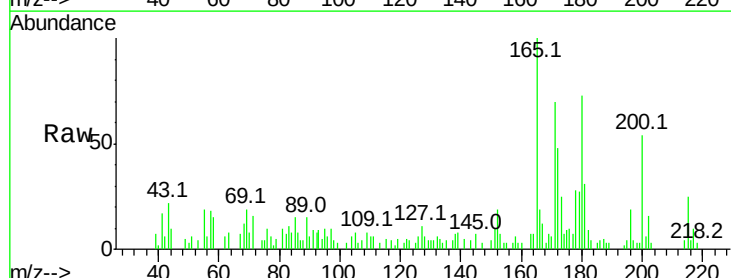
RT: 11.05 min Scan# 802

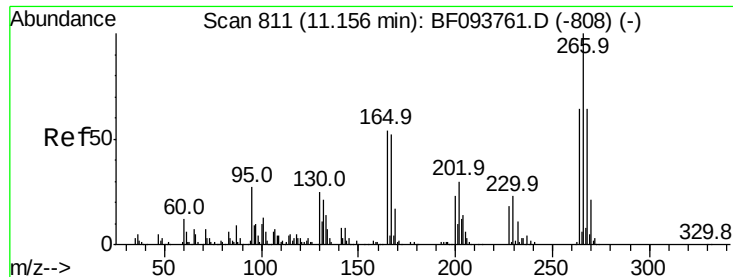
Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	200	Resp:	6222
Ion Ratio	Lower	Upper	
200	100		
173	46.3	6.3	46.3
215	45.4	27.2	67.2





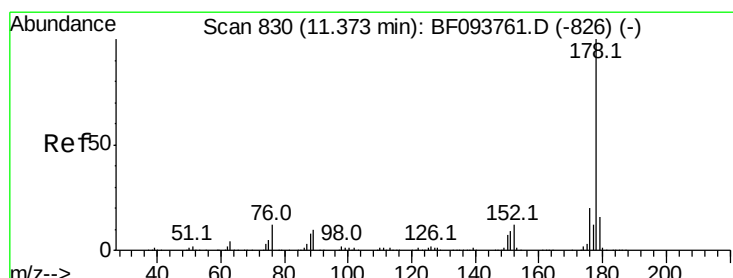
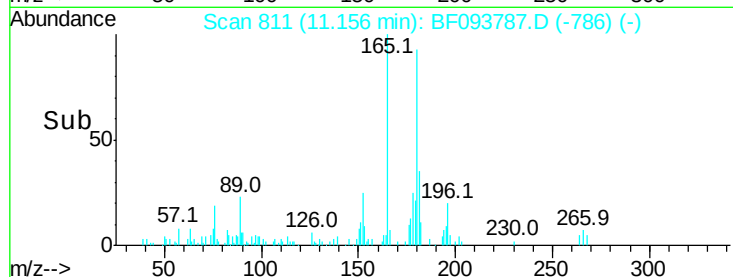
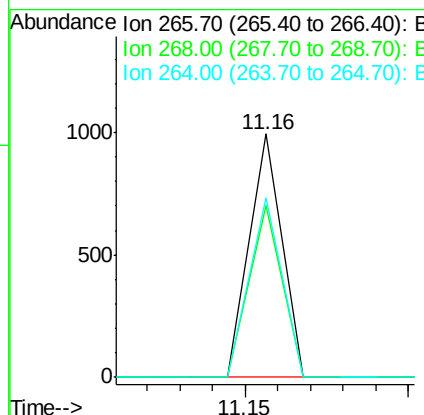
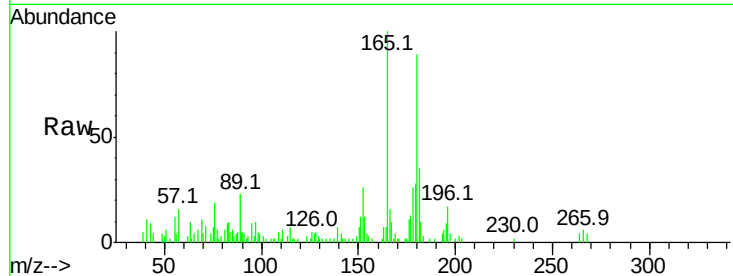
#69
 Pentachlorophenol
 Concen: 0.20 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	70.6	51.1	76.7
264	73.9	51.7	77.5

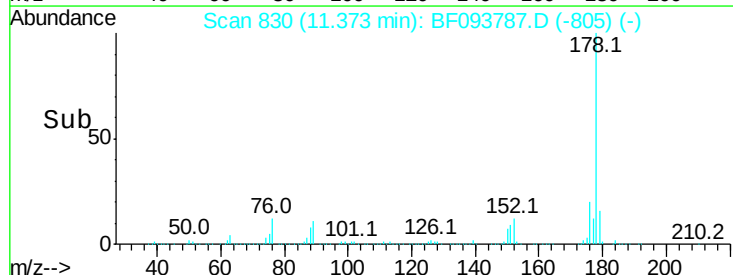
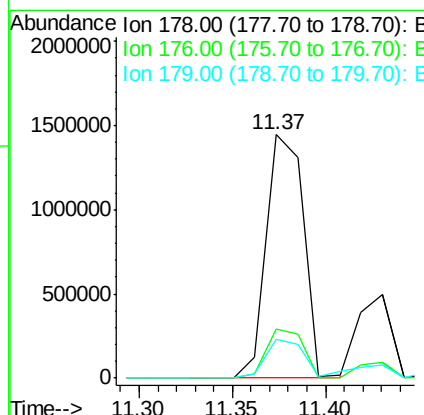
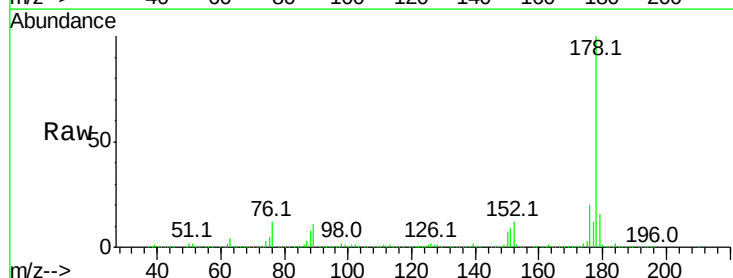
Manual Integrations
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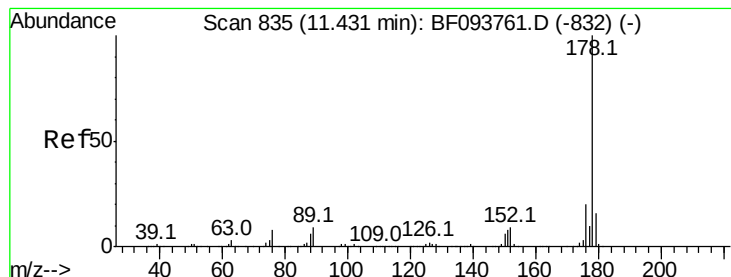
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#70
 Phenanthrene
 Concen: 63.72 ng
 RT: 11.37 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.1	12.6	19.0





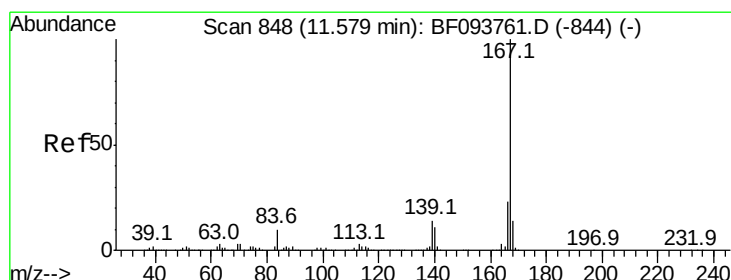
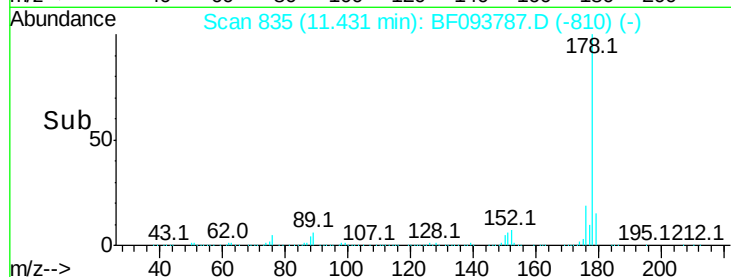
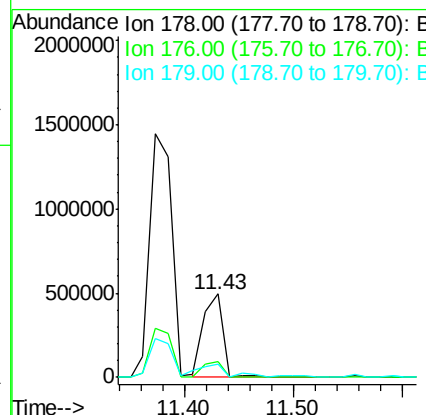
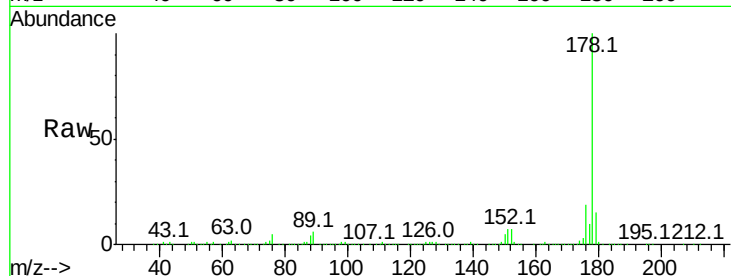
#71
 Anthracene
 Concen: 19.57 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

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

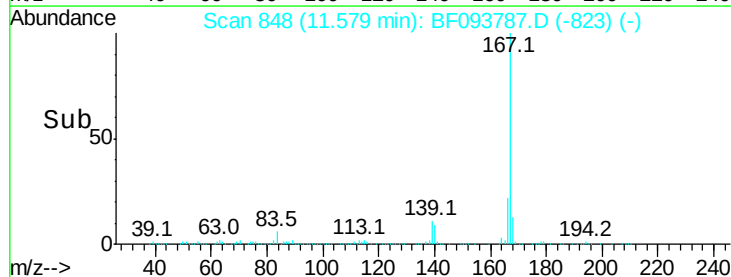
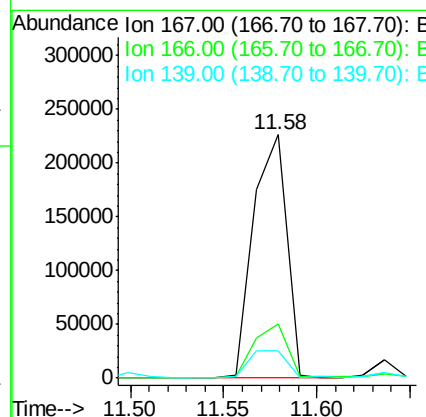
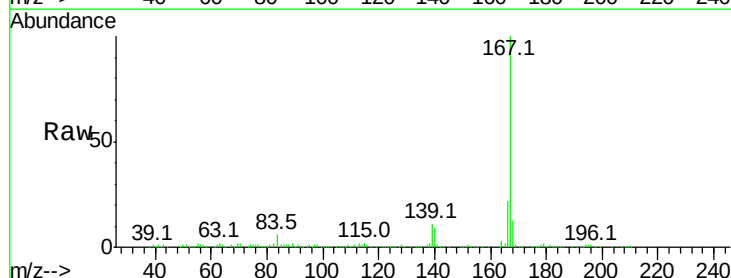
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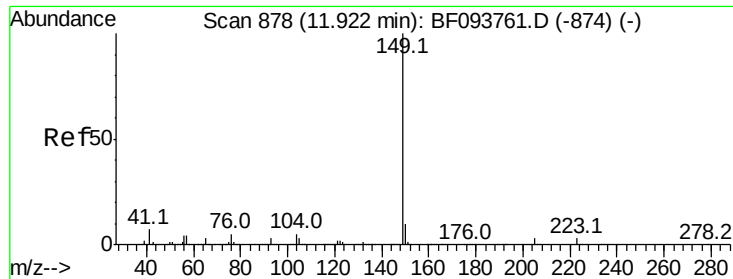
mohammad
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#72
 Carbazole
 Concen: 8.73 ng
 RT: 11.58 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	11.3	11.7	17.5#





#73

Di-n-butylphthalate

Concen: 1.34 ng

RT: 11.92 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

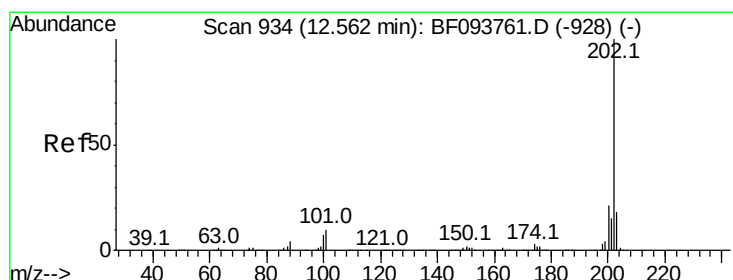
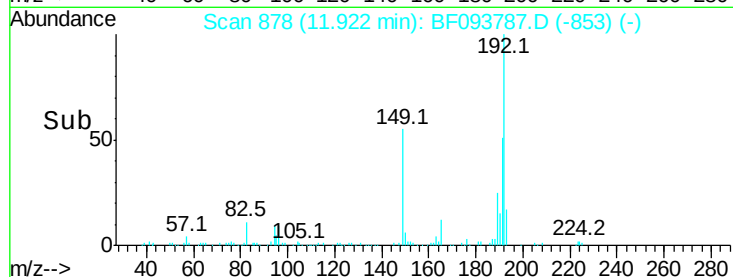
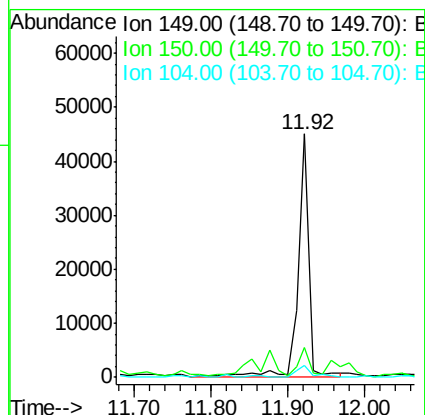
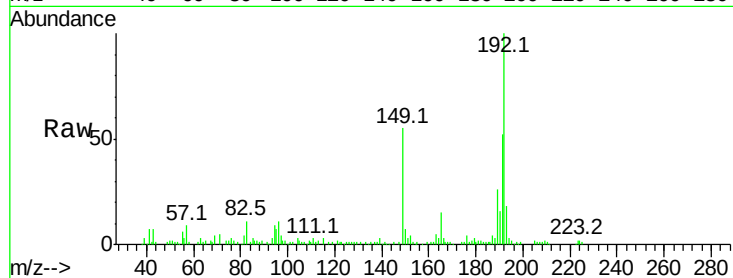
ClientSampleId :

CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	12.5	7.7	11.5
104	4.8	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 39.18 ng

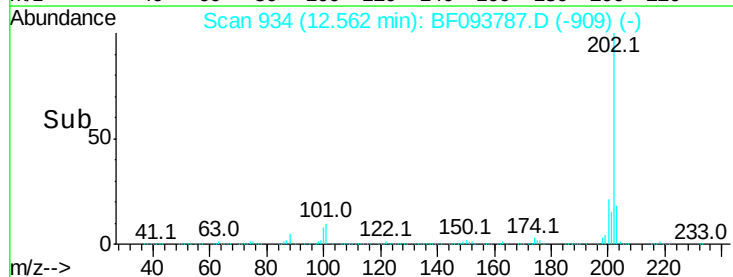
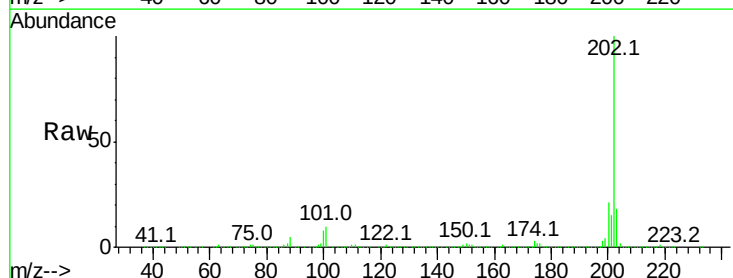
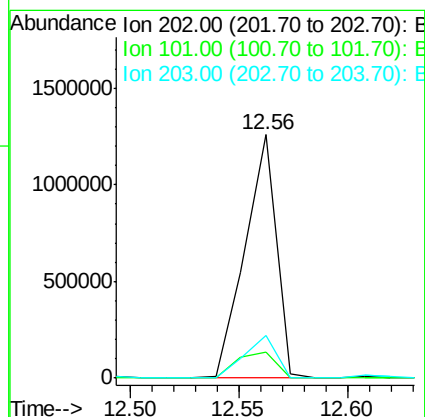
RT: 12.56 min Scan# 934

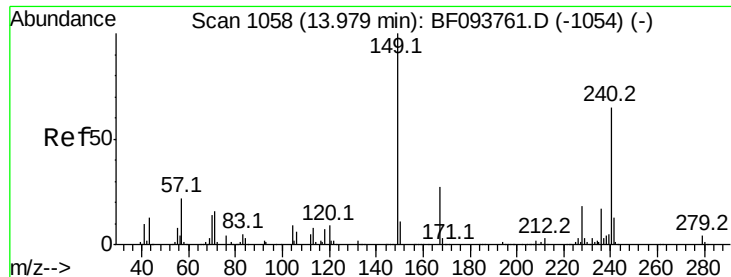
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

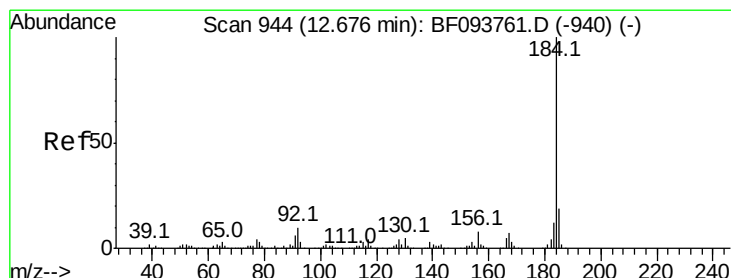
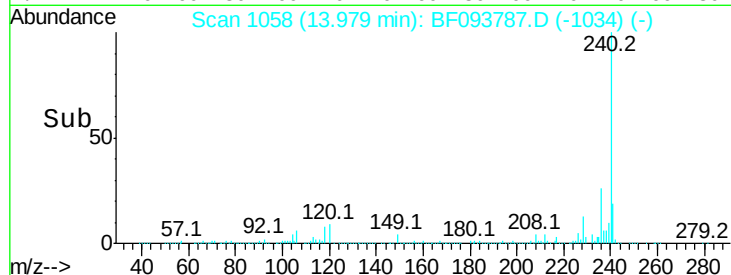
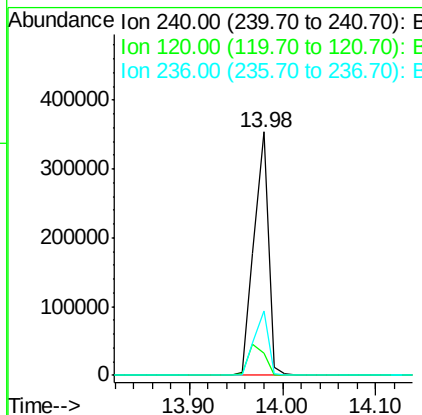
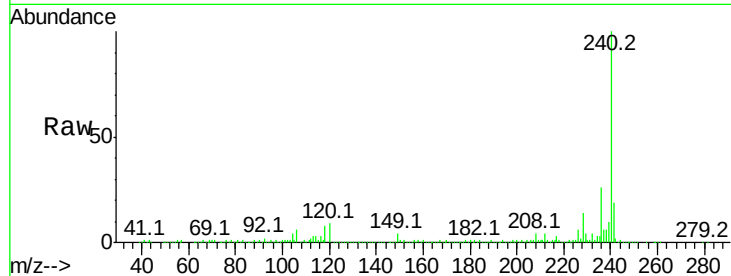
ClientSampleId :

CTMIX-1MSD

Tot Ion:240 Resp: 381378
 Ion Ratio Lower Upper
 240 100
 120 9.2 5.8 8.8#
 236 26.4 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 0.46 ng

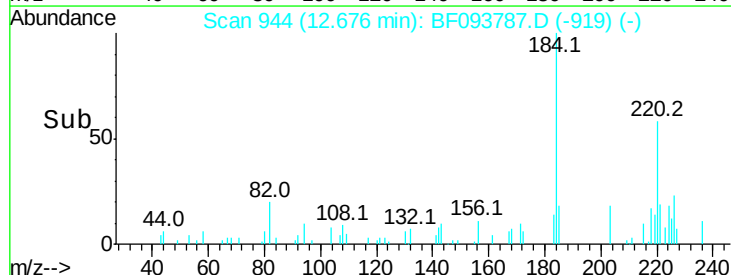
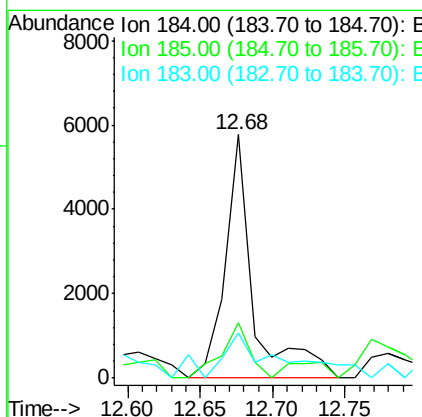
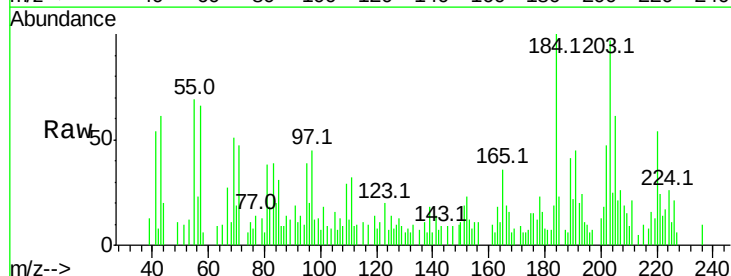
RT: 12.68 min Scan# 944

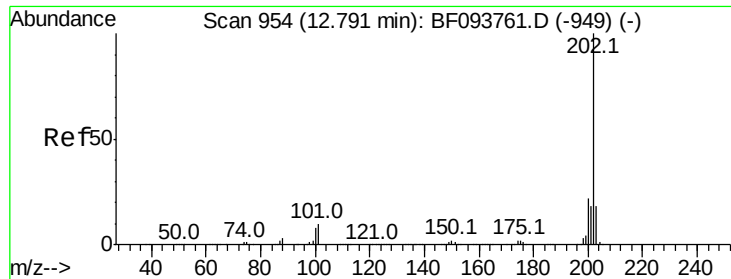
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:184 Resp: 7735
 Ion Ratio Lower Upper
 184 100
 185 22.7 15.5 23.3
 183 18.6 9.8 14.6#





#77

Pvrene

Concen: 32.47 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

ClientSampleId :

CTMIX-1MSD

Tot Ion:202 Resp: 1030563

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

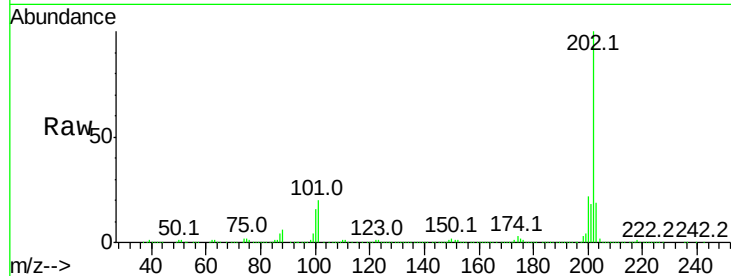
203 18.7 14.4 21.6

Manual Integrations

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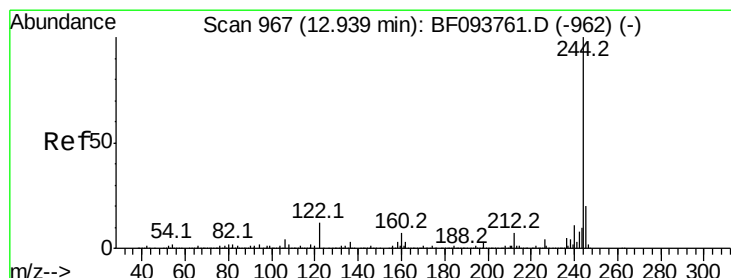
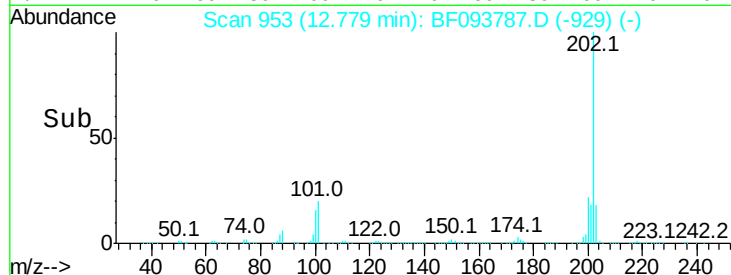
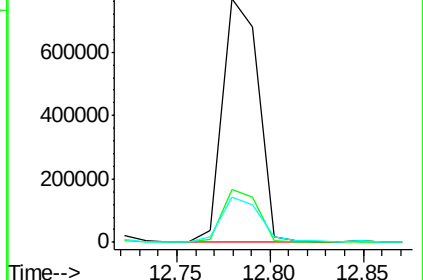
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 2.16 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

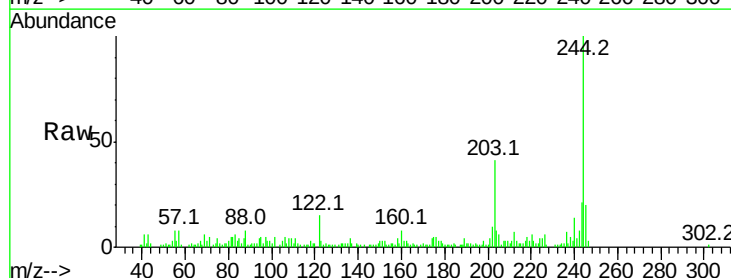
Tgt Ion:244 Resp: 40418

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

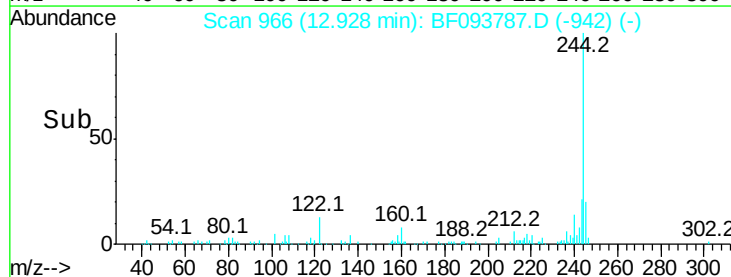
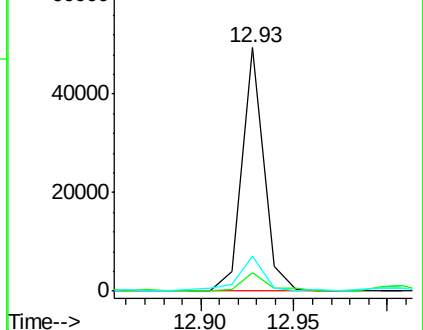
122 14.6 10.3 15.5

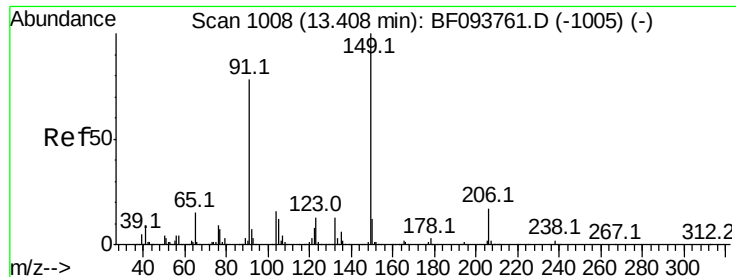


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





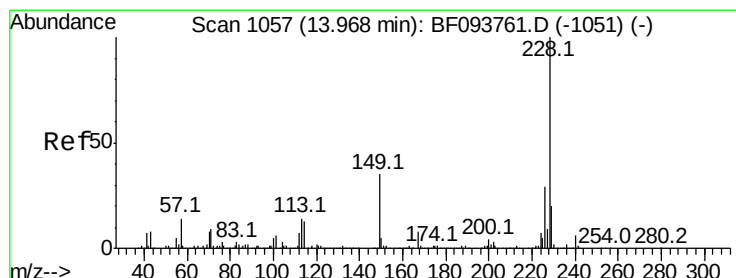
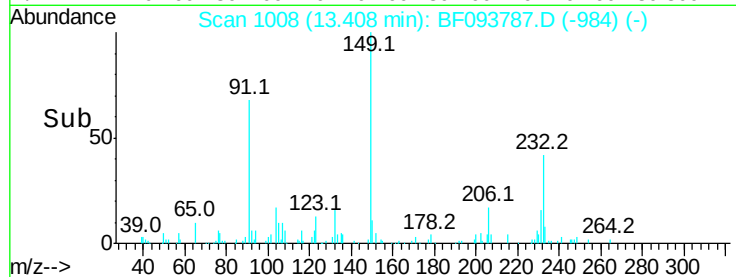
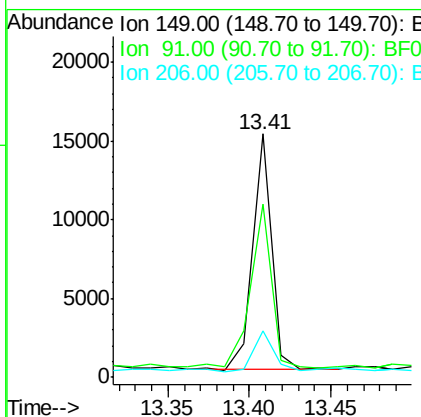
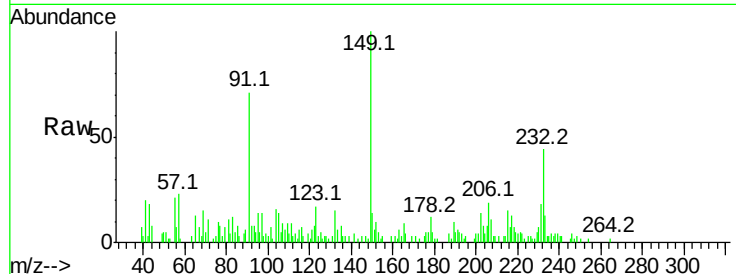
#79
 Butylbenzylphthalate
 Concen: 0.85 ng
 RT: 13.41 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	45.0	67.4#
206	19.3	17.0	25.6

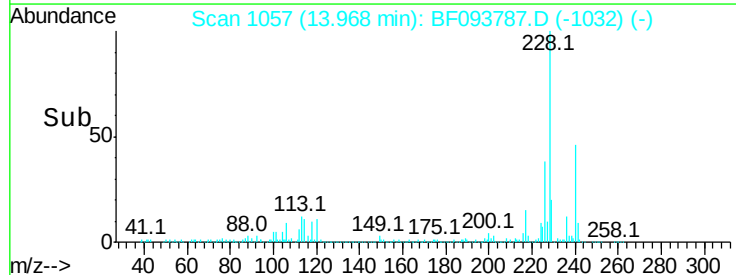
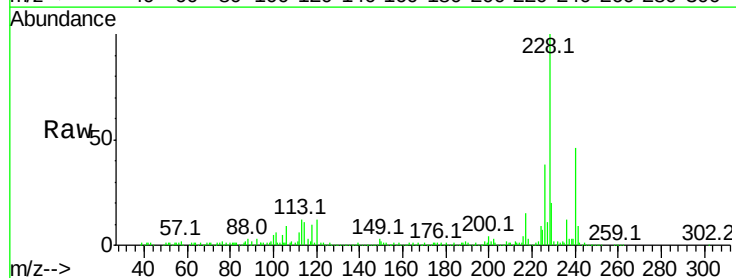
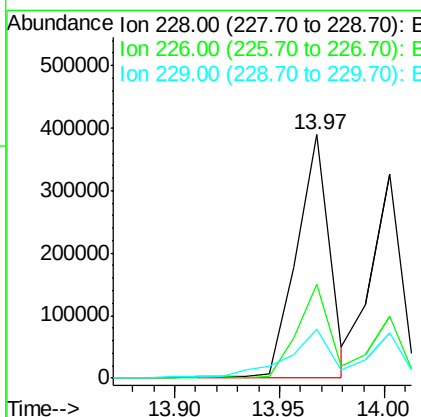
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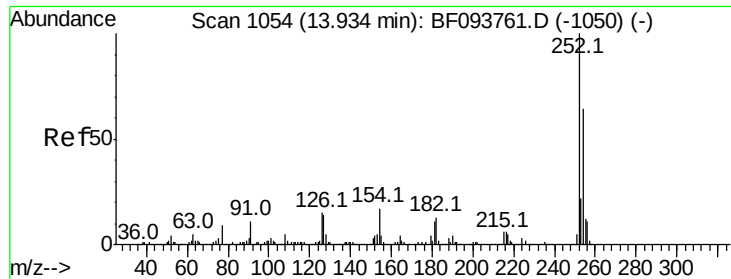
mohammad
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#80
 Benzo(a)anthracene
 Concen: 18.09 ng m
 RT: 13.97 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.4	22.6	33.8#
229	20.4	16.3	24.5





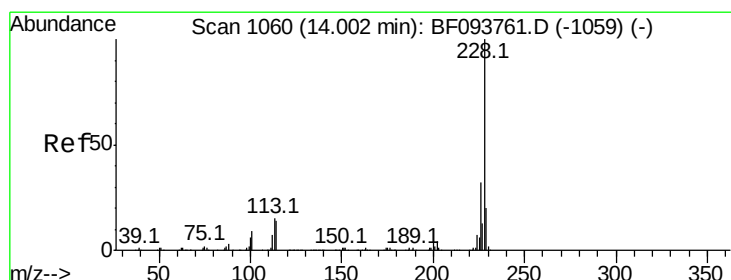
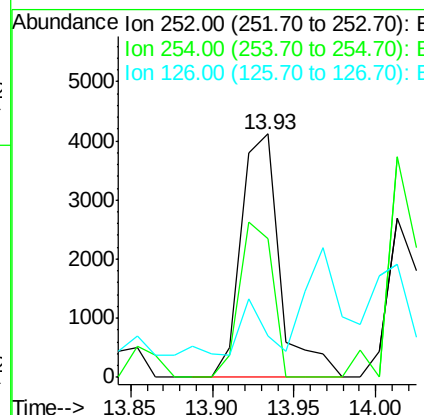
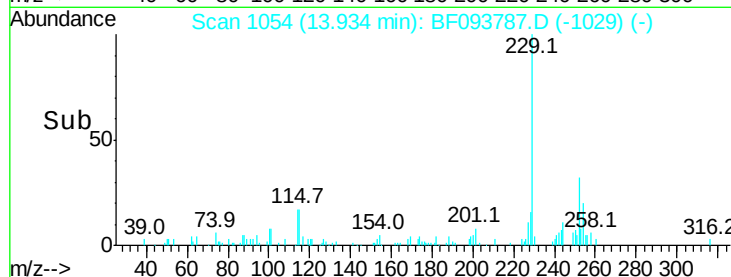
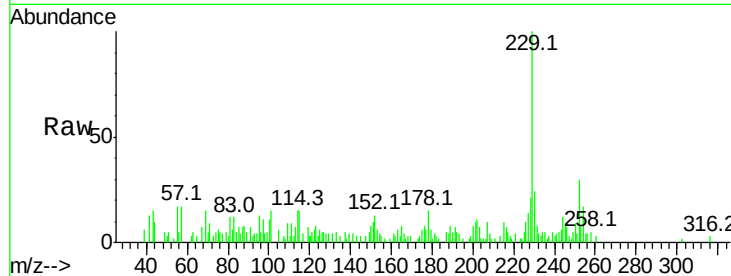
#81
3,3'-Dichlorobenzidine
Concen: 0.75 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampled :
CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	57.0	51.5	77.3
126	17.1	15.8	23.8

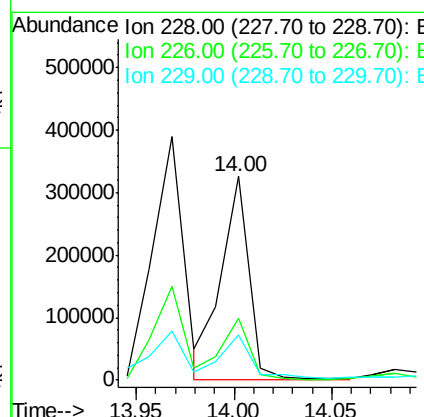
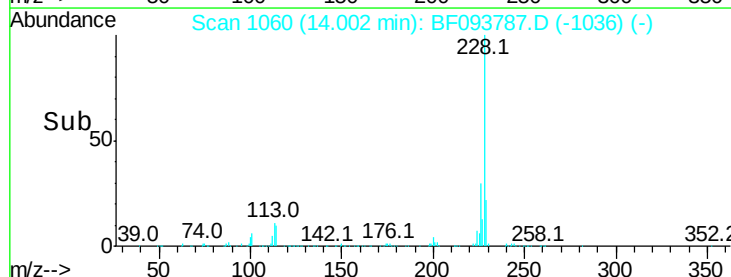
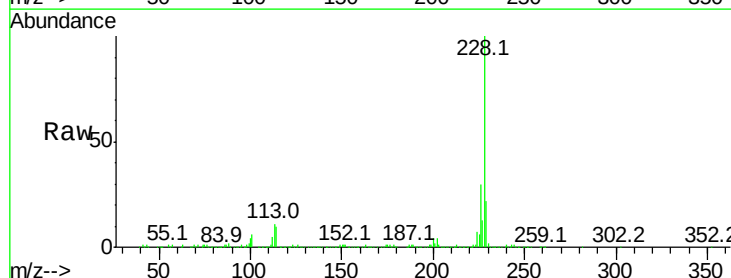
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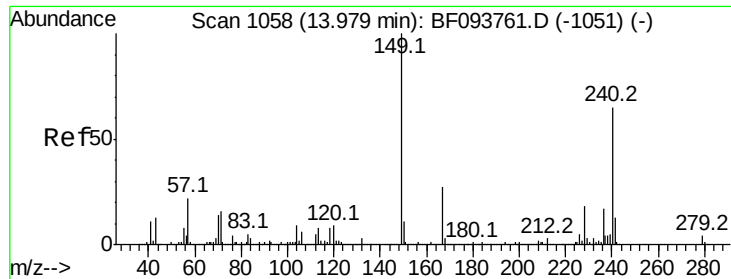
mohammad
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#82
Chrysene
Concen: 13.61 ng m
RT: 14.00 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	22.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.21 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Instrument :

BNA_F

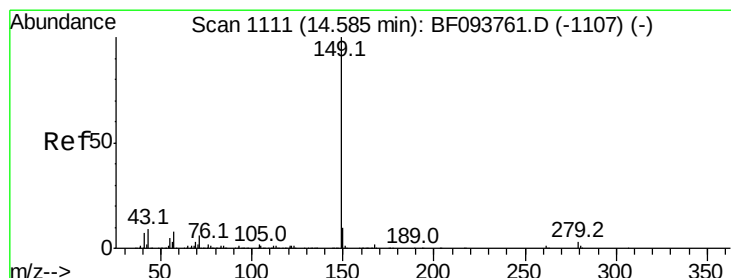
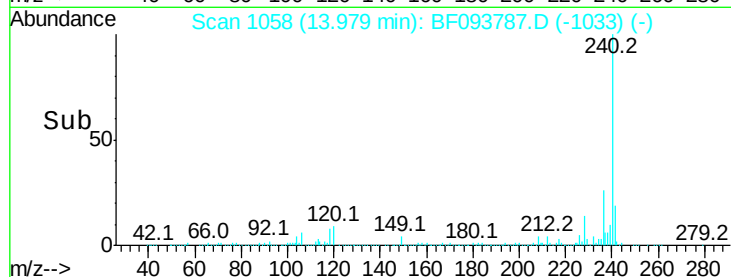
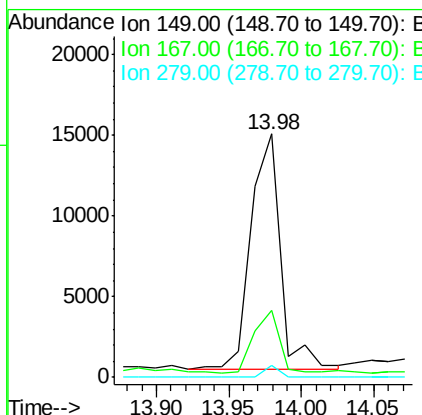
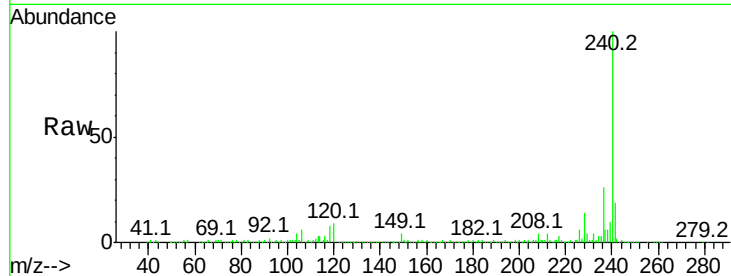
ClientSampleId :

CTMIX-1MSD

Tot Ion:	149	Resp:	20621
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.0	31.4
279	4.9	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 0.90 ng

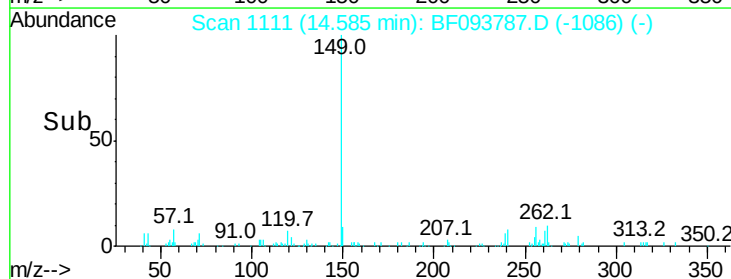
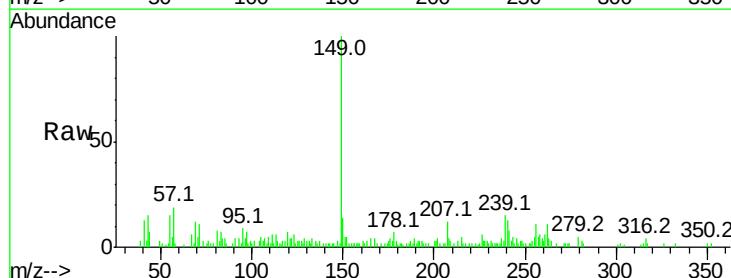
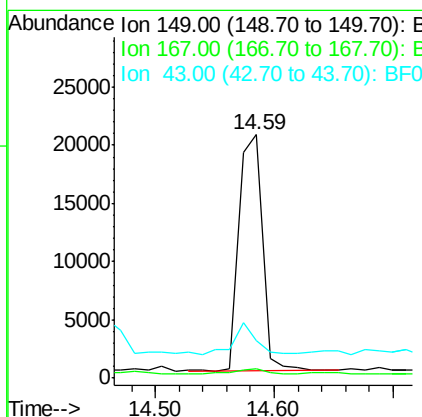
RT: 14.59 min Scan# 1111

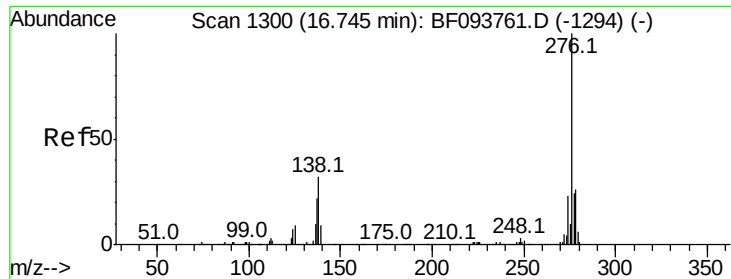
Delta R.T. -0.01 min

Lab File: BF093787.D

Acq: 21 Mar 2017 1:49

Tgt Ion:	149	Resp:	28154
Ion Ratio	Lower	Upper	
149	100		
167	5.3	1.2	1.8#
43	13.1	8.5	12.7#





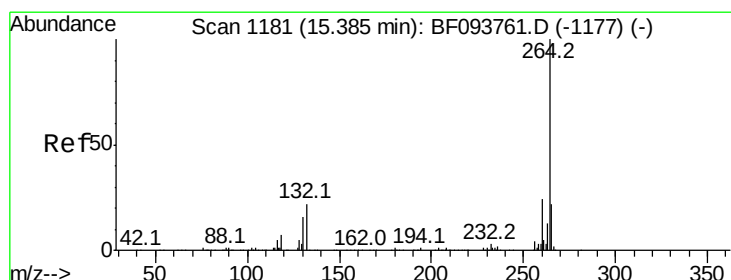
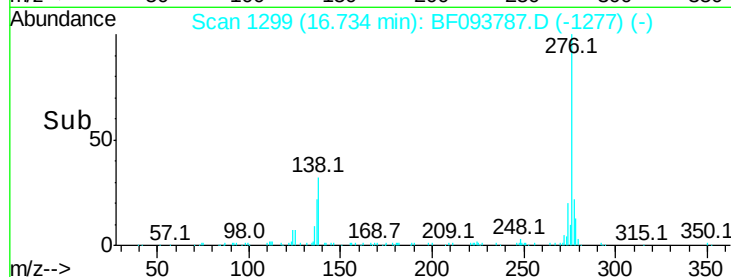
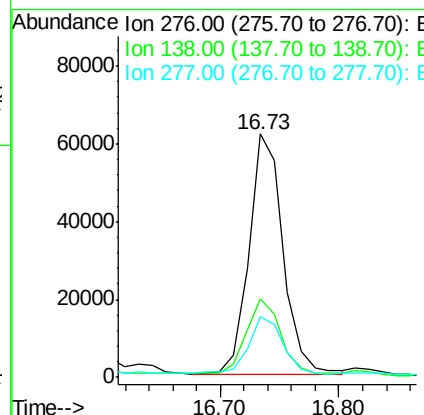
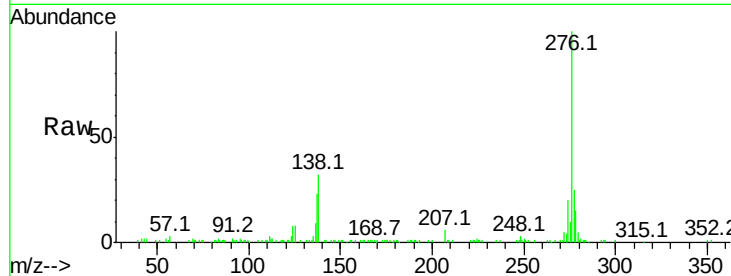
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.32 ng
 RT: 16.73 min Scan# 1299
 Delta R.T. -0.05 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	27.8	41.6
277	25.7	20.2	30.4

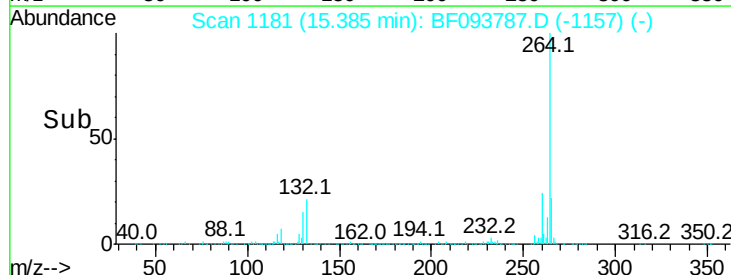
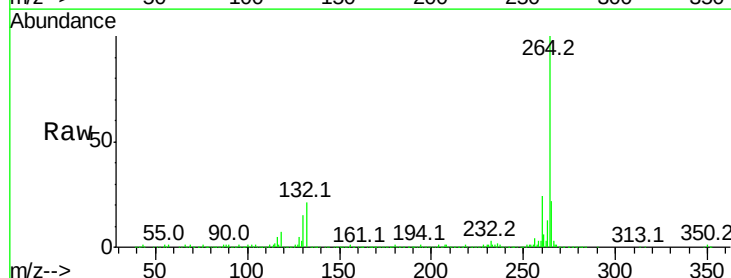
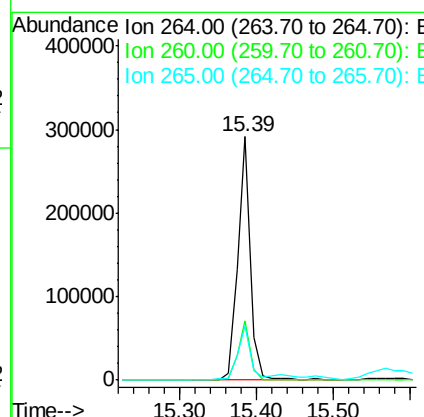
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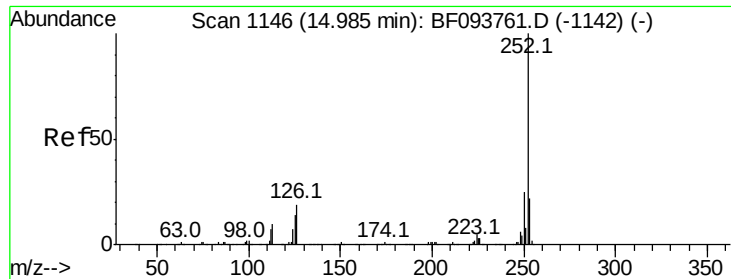
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.2	25.8





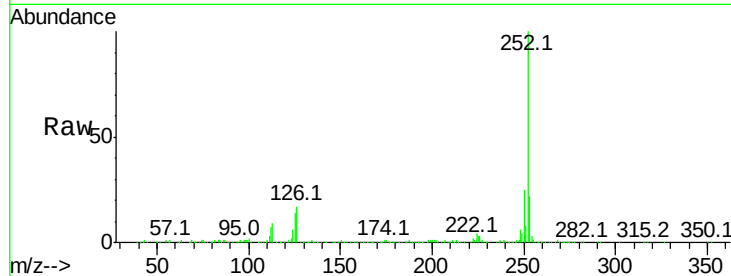
#87
Benzo(b)fluoranthene
Concen: 15.44 ng m
RT: 14.99 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampleId :
CTMIX-1MSD

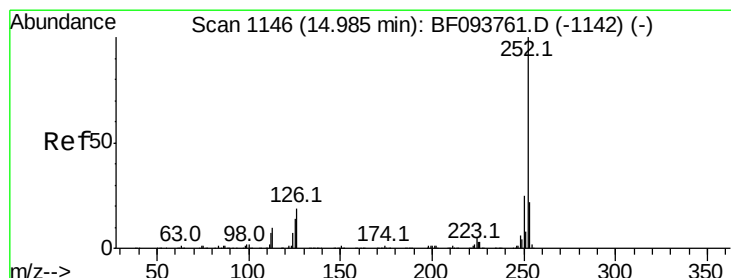
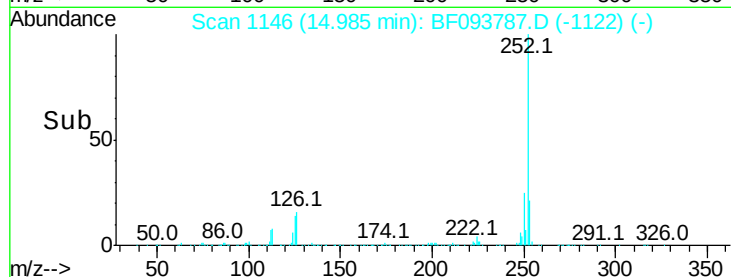
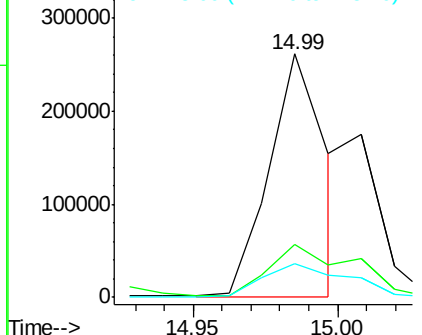
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	14.0	9.8	14.8

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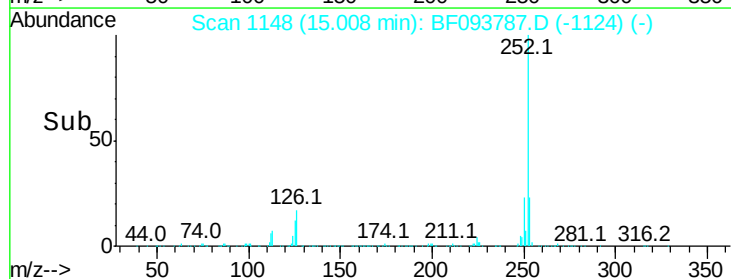
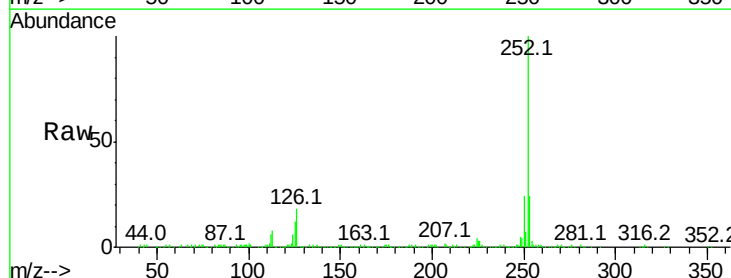
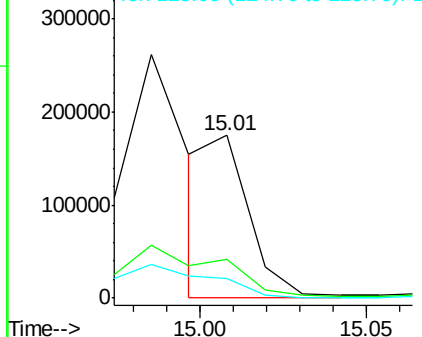
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

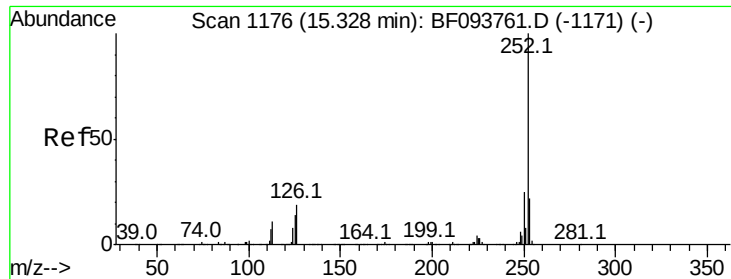


#88
Benzo(k)fluoranthene
Concen: 8.64 ng m
RT: 15.01 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	12.0	13.1	19.7#

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





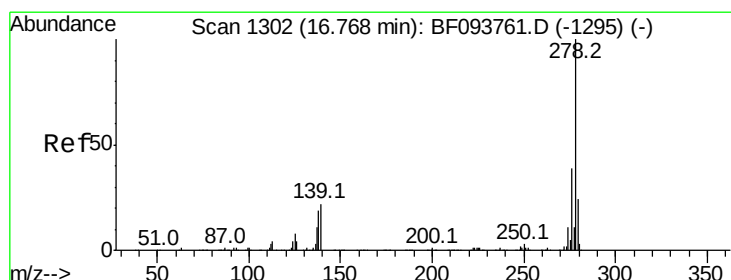
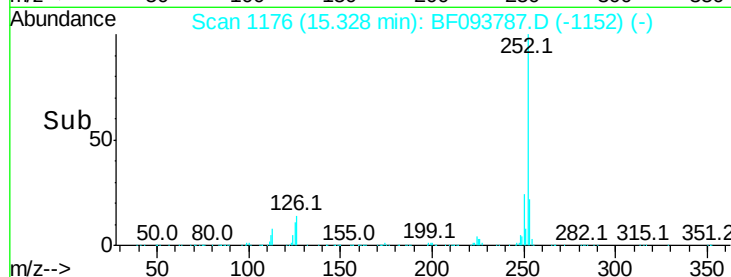
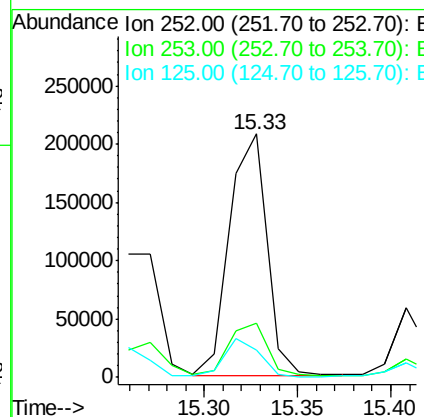
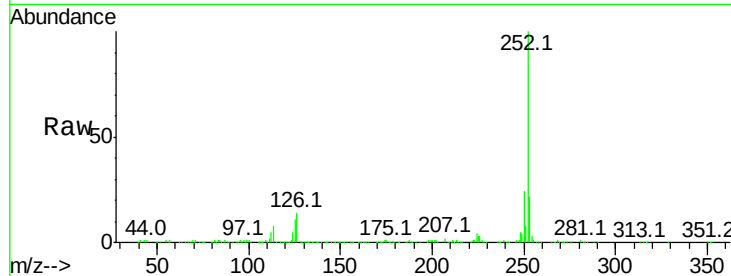
#89
Benzo(a)pyrene
Concen: 15.73 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Instrument :
BNA_F
ClientSampled :
CTMIX-1MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.4	11.0	16.4

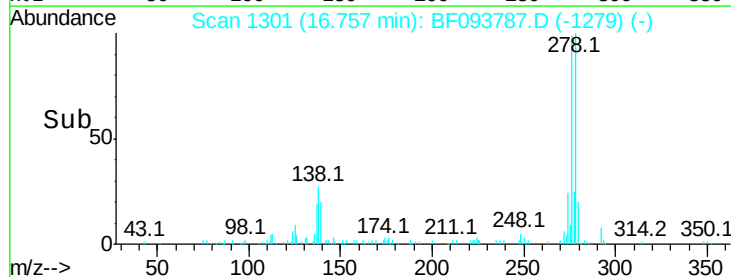
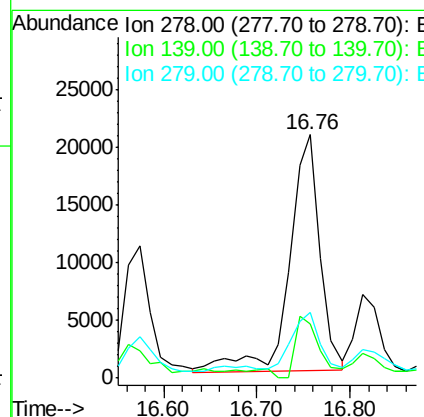
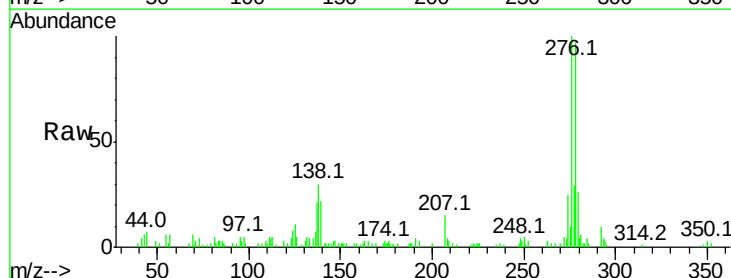
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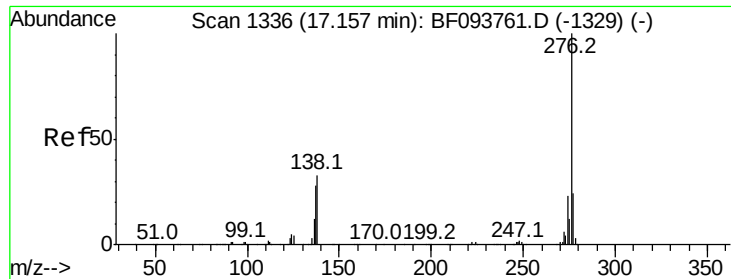
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#90
Dibenzo(a,h)anthracene
Concen: 3.04 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF093787.D
Acq: 21 Mar 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.5	16.6	24.8
279	26.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 7.10 ng
 RT: 17.15 min Scan# 1335
 Delta R.T. -0.05 min
 Lab File: BF093787.D
 Acq: 21 Mar 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 CTMIX-1MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	18.6	28.0
138	33.2	25.4	38.0

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