

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092784.D
 Acq On : 3 Feb 2017 19:21
 Operator : SJ/MA
 Sample : PB96697BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Manual Integrations
 APPROVED

mohammad
 2/6/2017 12:34:00 PM

Quant Time: Feb 03 23:26:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	123394	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	517373	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	314658	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	550072	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	461081	20.00	ng	-0.03
86) Perylene-d12	15.57	264	395620	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	955946	132.91	ng	-0.03
7) Phenol-d6	6.57	99	1314910	142.09	ng	-0.03
23) Nitrobenzene-d5	7.49	82	741127	79.77	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	305058	134.04	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1526314	87.88	ng	-0.03
78) Terphenyl-d14	13.05	244	1454905	74.14	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	2.60	88	142256	36.60 ng	85
3) Pyridine	3.34	79	360699	36.50 ng	86
4) n-Nitrosodimethylamine	3.30	42	197484	42.56 ng	# 86
6) Aniline	6.59	93	216451	17.15 ng	87
8) 2-Chlorophenol	6.72	128	379943	47.88 ng	97
9) Benzaldehyde	6.48	77	205151	30.94 ng	94
10) Phenol	6.59	94	407233	37.61 ng	85
11) bis(2-Chloroethyl)ether	6.67	93	351400	40.66 ng	93
12) 1,3-Dichlorobenzene	6.86	146	405002m	43.58 ng	
13) 1,4-Dichlorobenzene	6.94	146	429385	45.65 ng	95
14) 1,2-Dichlorobenzene	7.09	146	379146	42.15 ng	97
15) Benzyl Alcohol	7.07	79	302851	44.20 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	611467	40.73 ng	93
17) 2-Methylphenol	7.20	107	310389	45.60 ng	98
18) Hexachloroethane	7.44	117	131626	40.99 ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	270207	45.87 ng	98
20) 3+4-Methylphenols	7.34	107	379530	46.63 ng	93
22) Acetophenone	7.33	105	475852	40.28 ng	# 94
24) Nitrobenzene	7.52	77	416973	43.71 ng	# 85
25) Isophorone	7.76	82	712303	41.14 ng	97
26) 2-Nitrophenol	7.82	139	195093	43.02 ng	94
27) 2,4-Dimethylphenol	7.87	122	344918	43.31 ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	458964	40.03 ng	99
29) 2,4-Dichlorophenol	8.08	162	347608	46.80 ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	343799	42.95 ng	98
31) Naphthalene	8.24	128	1080808	41.21 ng	99
32) Benzoic acid	8.00	122	197226	44.35 ng	95
33) 4-Chloroaniline	8.28	127	81184	7.89 ng	97
34) Hexachlorobutadiene	8.35	225	177664	40.34 ng	100
35) Caprolactam	8.66	113	108862m	46.59 ng	
36) 4-Chloro-3-methylphenol	8.78	107	362979	46.87 ng	91
37) 2-Methylnaphthalene	8.93	142	759829	45.12 ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	303657	34.38 ng	100
40) Hexachlorocyclopentadiene	9.08	237	290244	72.83 ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	242073	41.71	ng	95
43) 2,4,5-Trichlorophenol	9.25	196	233439	36.71	ng	95
45) 1,1'-Biphenyl	9.40	154	883442	38.77	ng	98
46) 2-Chloronaphthalene	9.42	162	722044	40.51	ng	97
47) 2-Nitroaniline	9.52	65	253135	42.24	ng	90
48) Acenaphthylene	9.84	152	1172723	38.09	ng	99
49) Dimethylphthalate	9.70	163	886019	41.80	ng	99
50) 2,6-Dinitrotoluene	9.77	165	221736	48.44	ng	87
51) Acenaphthene	10.01	154	794485	43.16	ng	97
52) 3-Nitroaniline	9.93	138	76852	14.67	ng	95
53) 2,4-Dinitrophenol	10.04	184	192331	82.45	ng	# 75
54) Dibenzofuran	10.18	168	1048149	42.57	ng	98
55) 4-Nitrophenol	10.11	139	335187	88.85	ng	93
56) 2,4-Dinitrotoluene	10.17	165	259123	42.52	ng	96
57) Fluorene	10.52	166	786632	41.53	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	208108	49.06	ng	100
59) Diethylphthalate	10.41	149	937830	46.95	ng	94
60) 4-Chlorophenyl-phenylether	10.52	204	382355	42.01	ng	# 75
61) 4-Nitroaniline	10.56	138	256175	47.75	ng	90
62) Azobenzene	10.68	77	1101405	53.38	ng	92
64) 4,6-Dinitro-2-methylphenol	10.58	198	142661	42.91	ng	# 70
65) n-Nitrosodiphenylamine	10.64	169	719430	40.94	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	237739	41.37	ng	# 78
67) Hexachlorobenzene	11.07	284	225309	39.67	ng	# 76
68) Atrazine	11.17	200	261680	46.40	ng	94
69) Pentachlorophenol	11.28	266	259304	87.69	ng	99
70) Phenanthrene	11.49	178	1354378	42.98	ng	98
71) Anthracene	11.54	178	1213556	38.35	ng	99
72) Carbazole	11.70	167	1206967	39.90	ng	99
73) Di-n-butylphthalate	12.03	149	1530998	46.79	ng	# 96
74) Fluoranthene	12.68	202	1267116	38.98	ng	94
76) Benzidine	12.80	184	402494	20.49	ng	97
77) Pyrene	12.91	202	1285485	37.25	ng	99
79) Butylbenzylphthalate	13.53	149	604494	43.14	ng	87
80) Benzo(a)anthracene	14.10	228	1088921	38.61	ng	100
81) 3,3'-Dichlorobenzidine	14.07	252	174457	17.35	ng	# 94
82) Chrysene	14.13	228	864907	32.76	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	792857	41.37	ng	# 96
84) Di-n-octyl phthalate	14.69	149	1363621	43.70	ng	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	944795	46.20	ng	95
87) Benzo(b)fluoranthene	15.15	252	1099759	42.23	ng	97
88) Benzo(k)fluoranthene	15.17	252	937995m	41.72	ng	
89) Benzo(a)pyrene	15.52	252	957085	42.49	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	793379	43.58	ng	97
91) Benzo(g,h,i)perylene	17.49	276	794195	43.18	ng	# 95

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

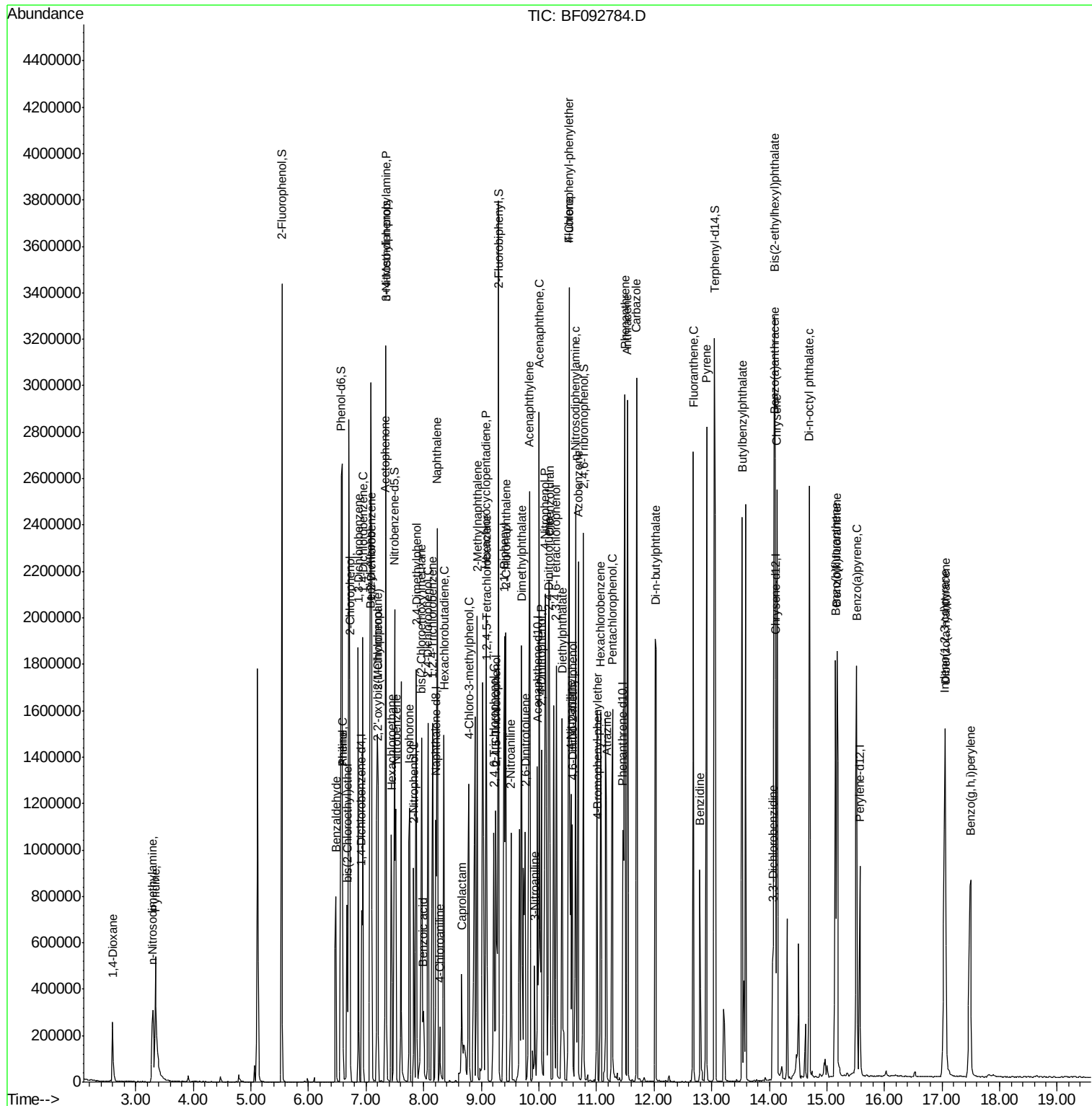
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Operator  : SJ/MA  
Sample    : PB96697BS  
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ALS Vial  : 6 Sample Multiplier: 1
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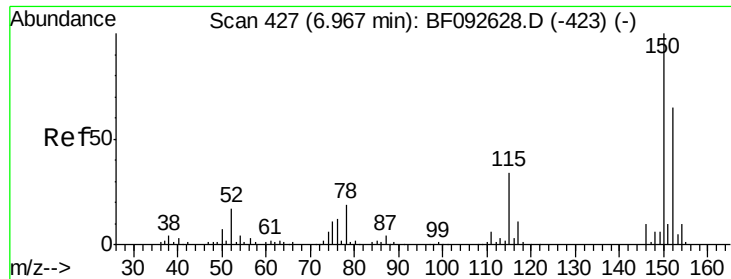
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

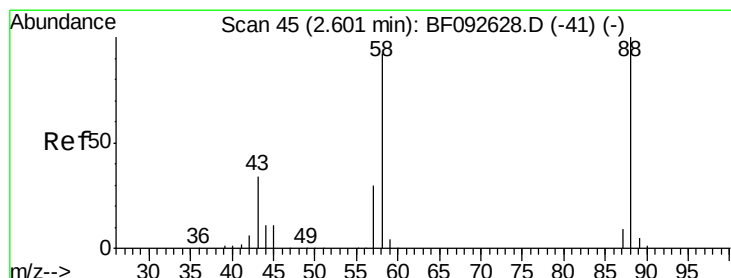
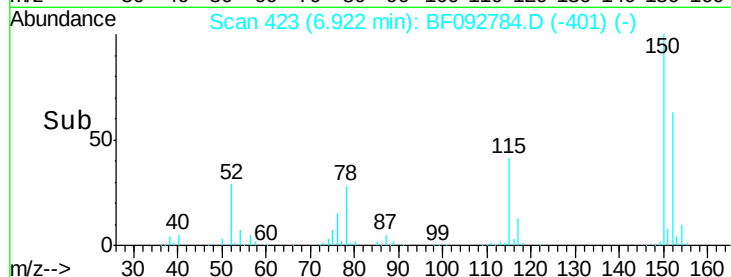
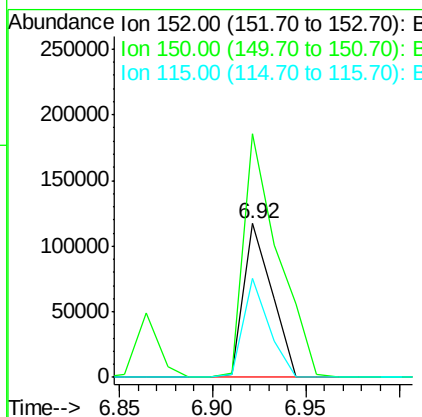
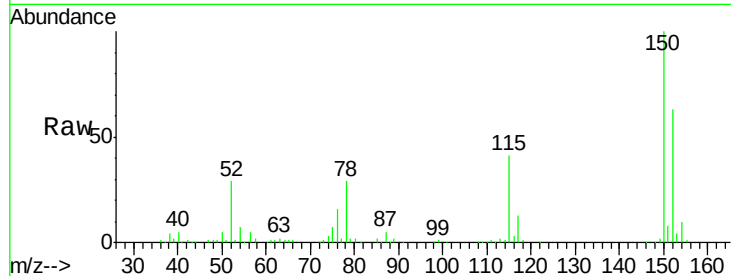
ClientSampleId :

PB96697BS

Tgt Ion:	152	Resp:	123394
Ion Ratio	Lower	Upper	
152	100		
150	158.6	124.9	187.3
115	64.7	46.0	69.0

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#2

1,4-Dioxane

Concen: 36.60 ng

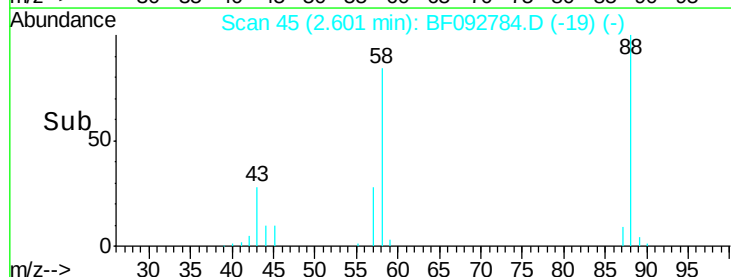
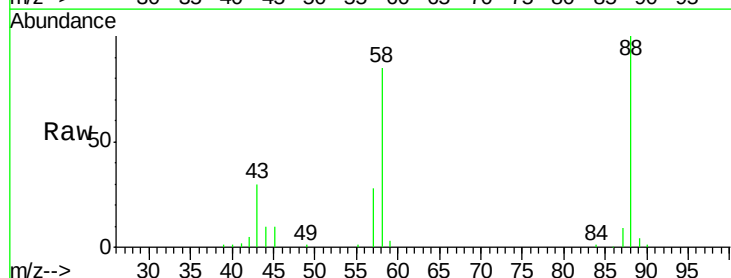
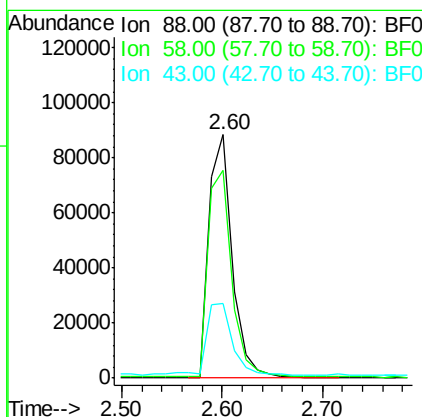
RT: 2.60 min Scan# 45

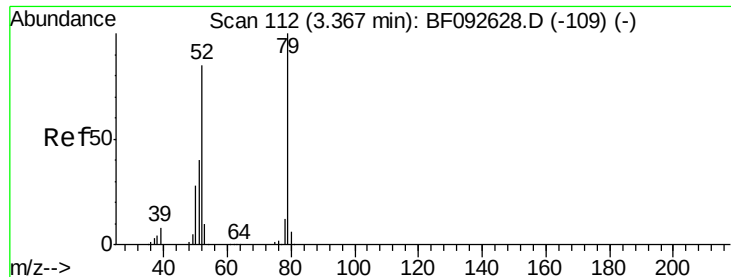
Delta R.T. -0.00 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	88	Resp:	142256
Ion Ratio	Lower	Upper	
88	100		
58	86.3	57.8	86.8
43	32.5	22.3	33.5





#3

Pyridine

Concen: 36.50 ng

RT: 3.34 min Scan# 110

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

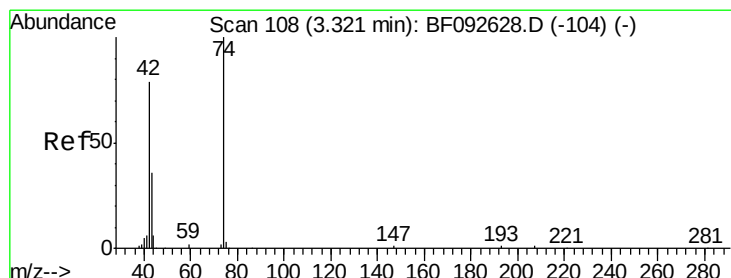
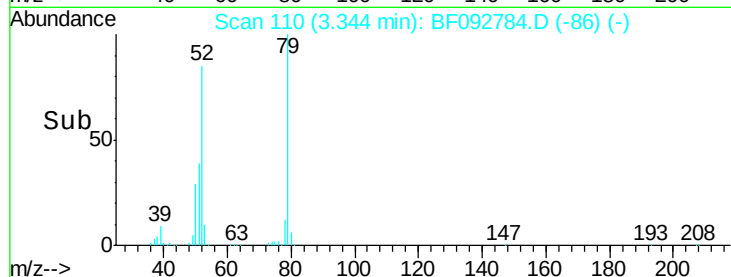
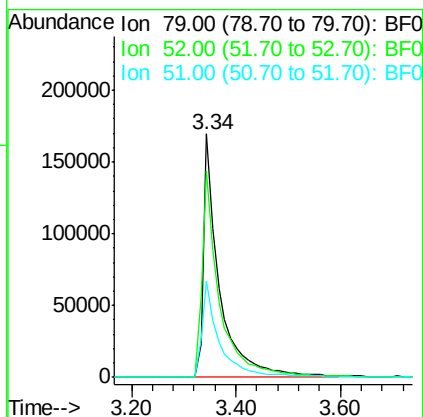
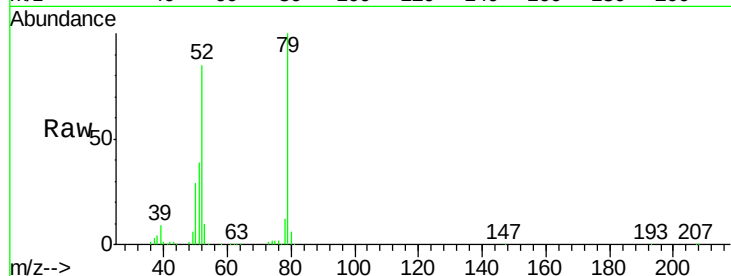
ClientSampleId :

PB96697BS

Tgt Ion:	79	Resp:	360699
Ion	Ratio	Lower	Upper
79	100		
52	84.8	57.1	85.7
51	39.4	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.56 ng

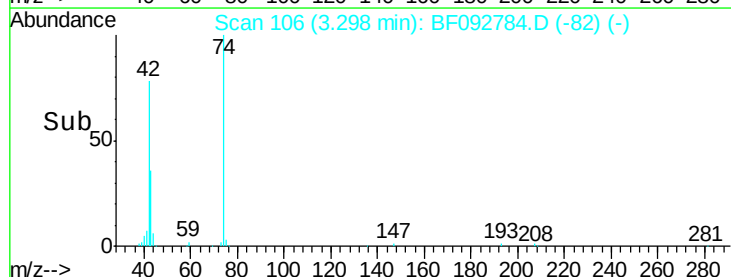
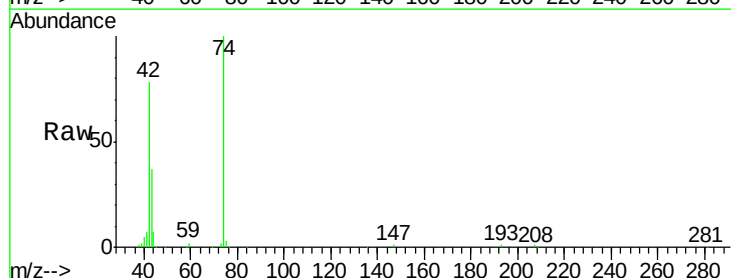
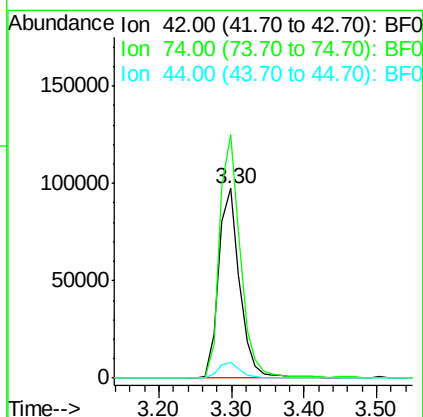
RT: 3.30 min Scan# 106

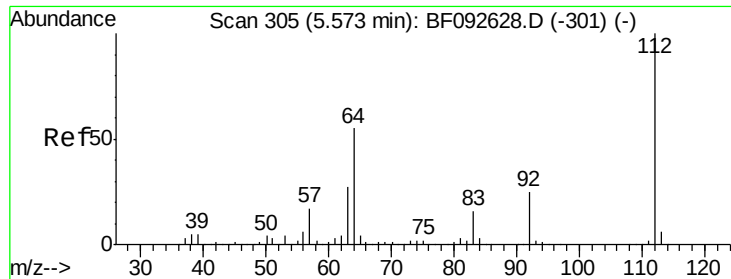
Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	42	Resp:	197484
Ion	Ratio	Lower	Upper
42	100		
74	128.3	117.0	175.4
44	8.3	5.5	8.3#





#5

2-Fluorophenol

Concen: 132.91 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

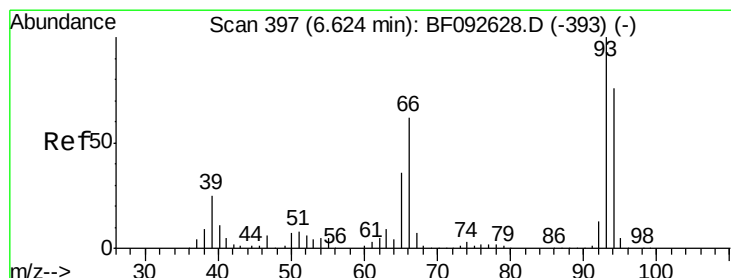
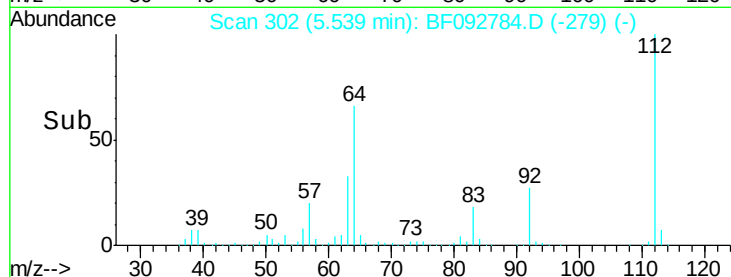
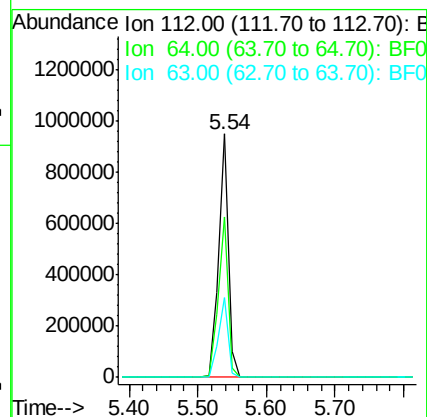
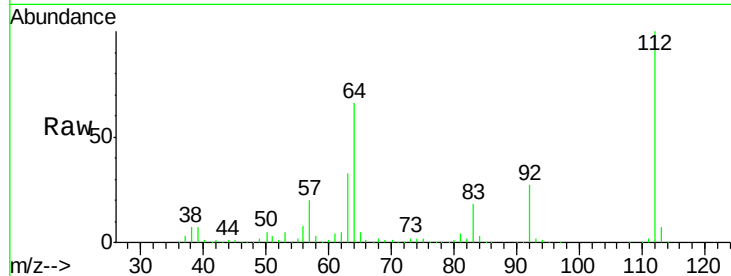
ClientSampleId :

PB96697BS

Tgt Ion:	112	Resp:	955946
Ion Ratio	Lower	Upper	
112	100		
64	65.9	46.1	69.1
63	32.6	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 17.15 ng

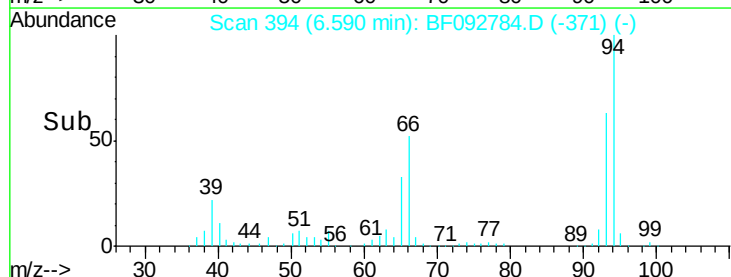
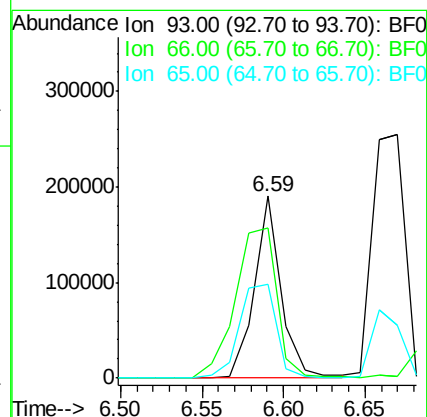
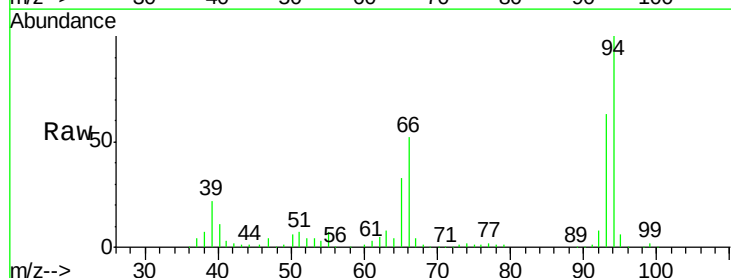
RT: 6.59 min Scan# 394

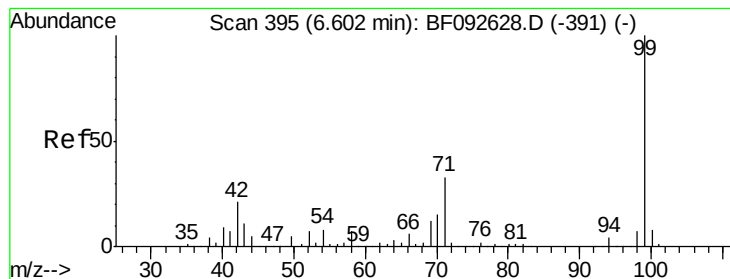
Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	93	Resp:	216451
Ion Ratio	Lower	Upper	
93	100		
66	82.3	76.2	114.2
65	51.7	49.3	73.9





#7

Phenol-d6

Concen: 142.09 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

Tgt Ion: 99 Resp: 1314910

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

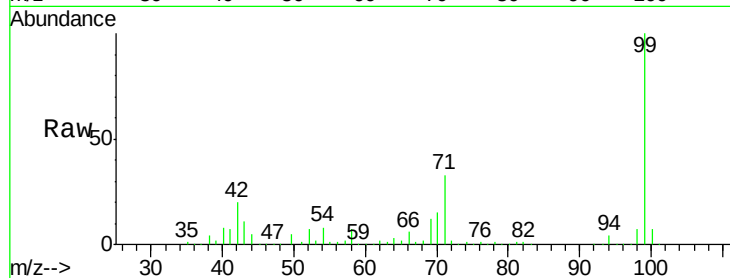
71 32.8 27.5 41.3

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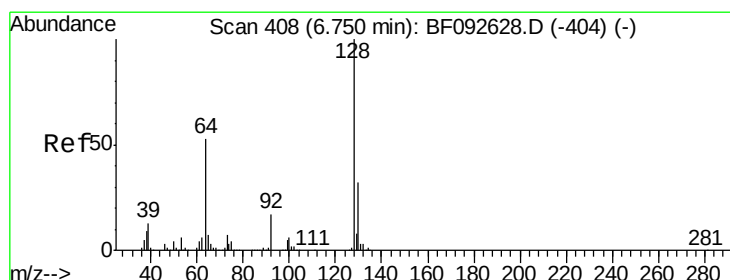
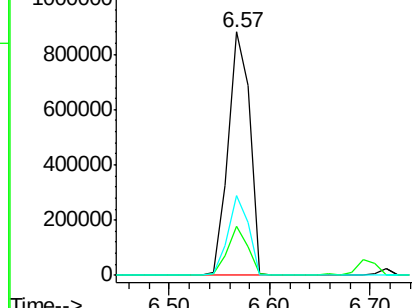
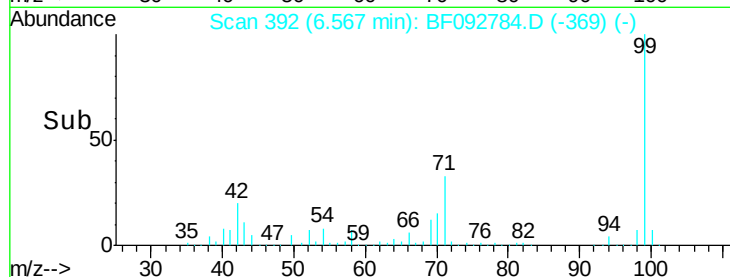
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.88 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

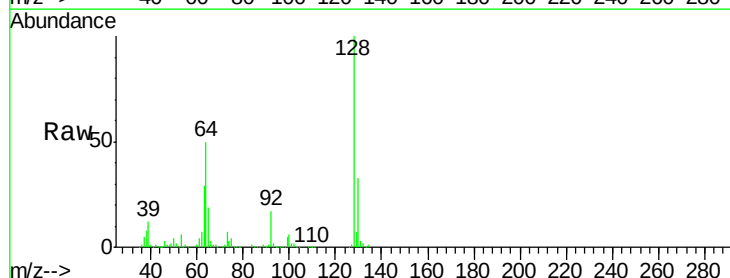
Tgt Ion: 128 Resp: 379943

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

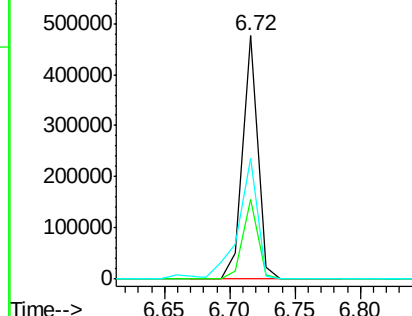
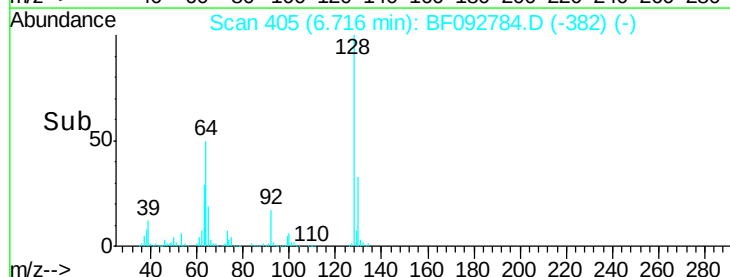
64 49.6 32.2 72.2

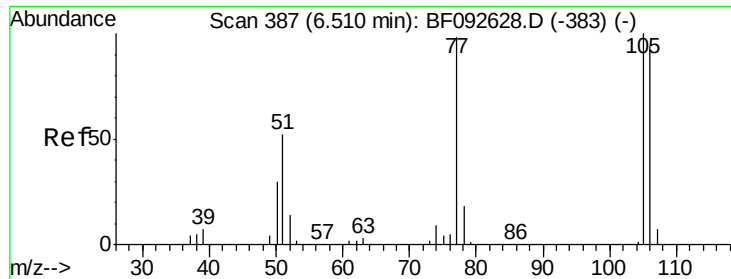


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.94 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

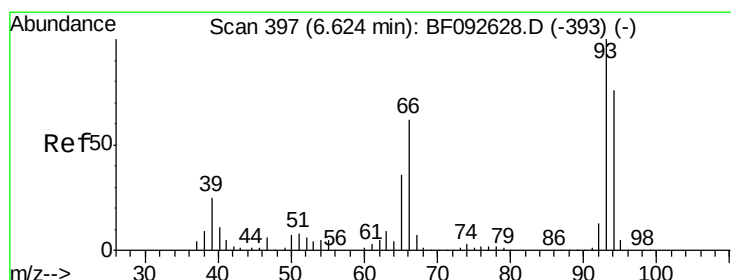
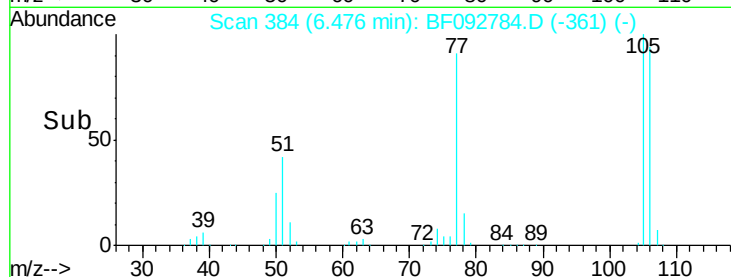
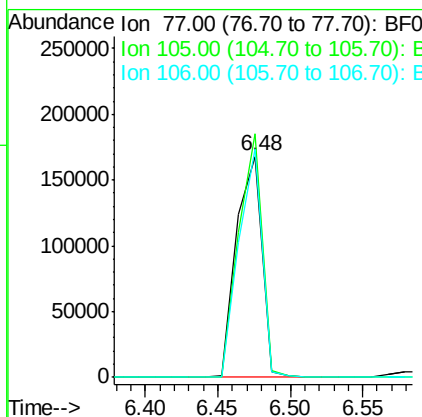
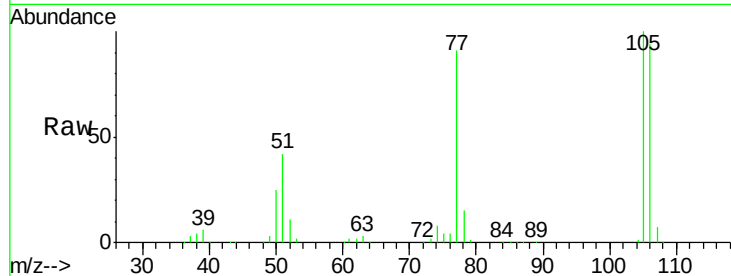
ClientSampleId :

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Tgt Ion:	77	Resp:	205151
Ion	Ratio	Lower	Upper
77	100		
105	110.4	83.9	123.9
106	103.6	77.6	117.6

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#10

Phenol

Concen: 37.61 ng

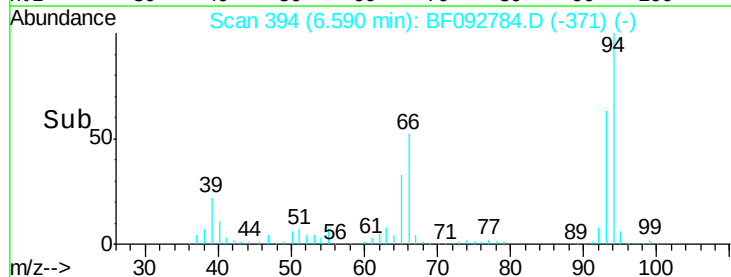
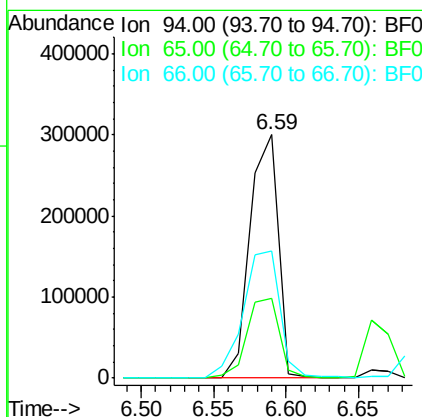
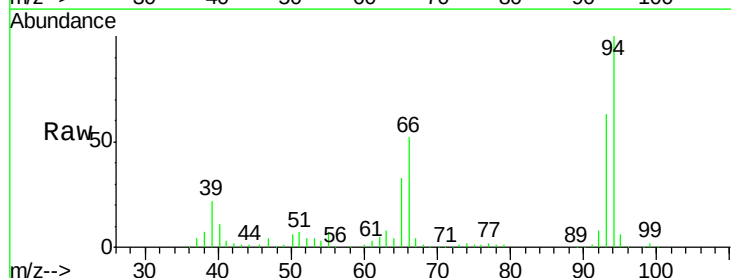
RT: 6.59 min Scan# 394

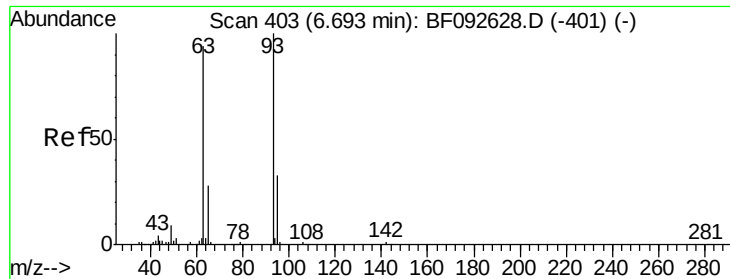
Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	94	Resp:	407233
Ion	Ratio	Lower	Upper
94	100		
65	32.8	21.4	61.4
66	52.2	44.0	84.0





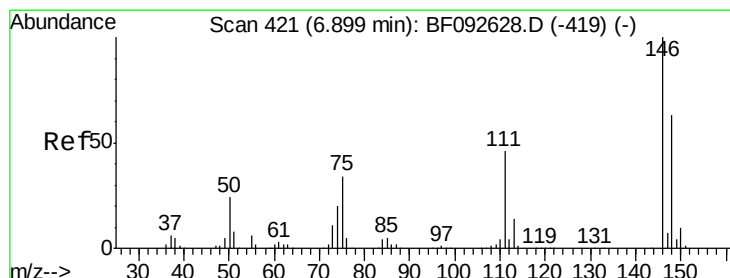
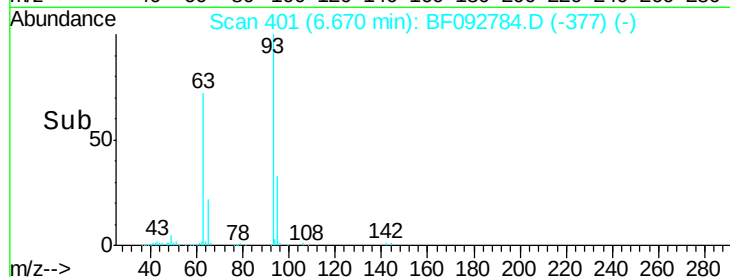
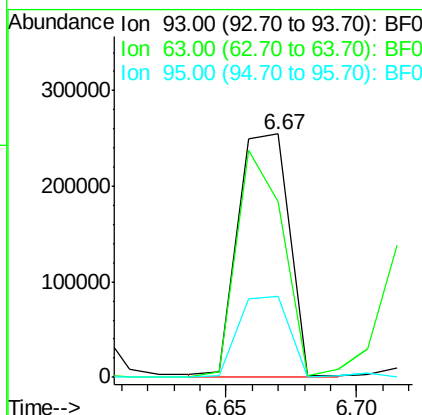
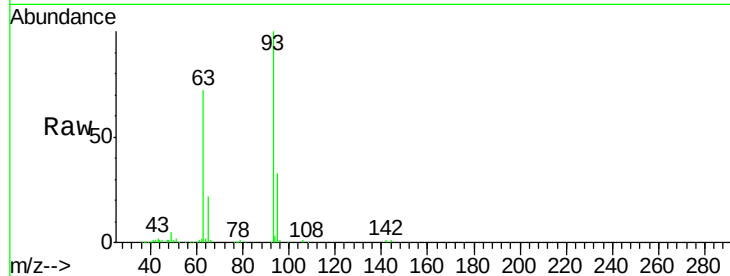
#11
bis(2-Chloroethyl)ether
Concen: 40.66 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	351400		
63	72.4	60.4	100.4	
95	33.0	12.8	52.8	

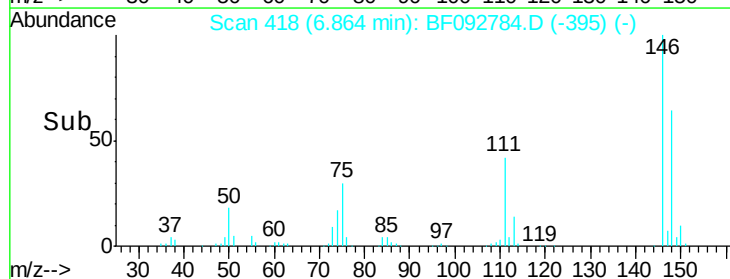
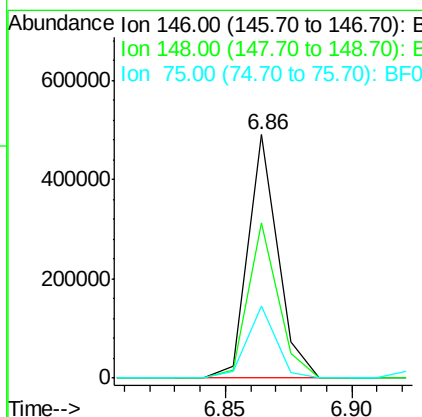
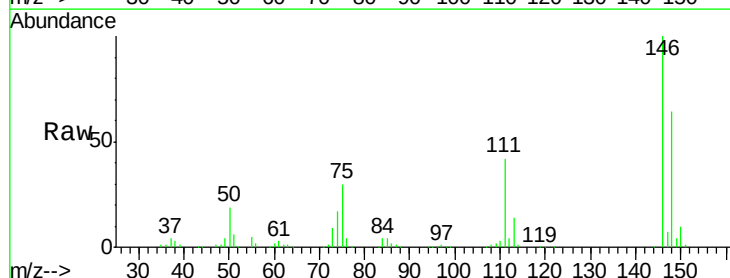
Manual Integrations
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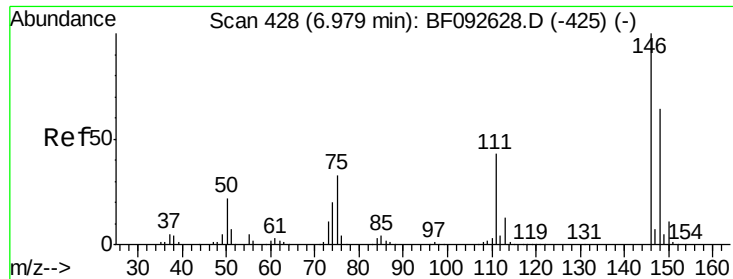
mohammad
2/6/2017 12:34:00 PM



#12
1,3-Dichlorobenzene
Concen: 43.58 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	405002		
148	63.5	53.4	80.0	
75	29.6	18.5	27.7#	





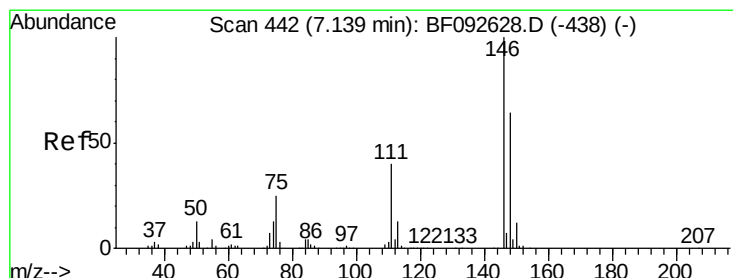
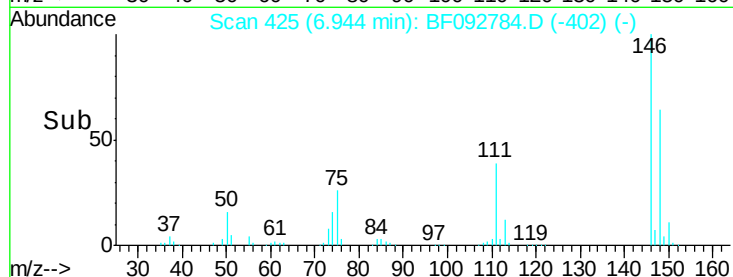
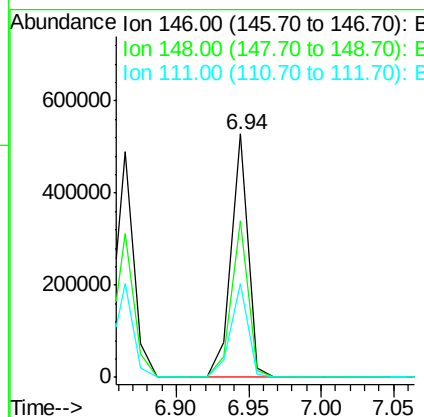
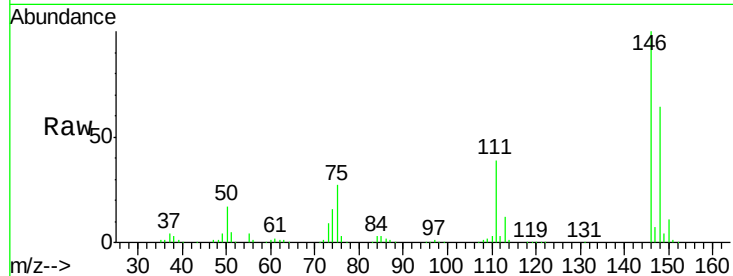
#13
 1,4-Dichlorobenzene
 Concen: 45.65 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	429385		
148	64.1	50.6	76.0	
111	38.8	36.2	54.4	

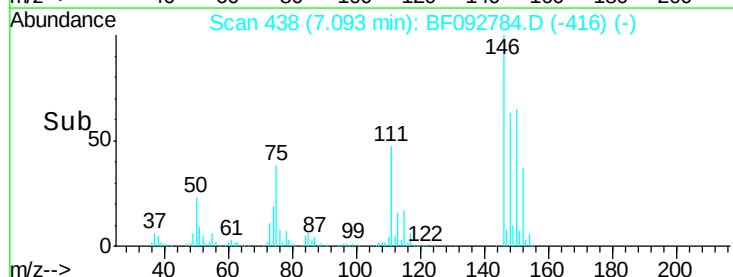
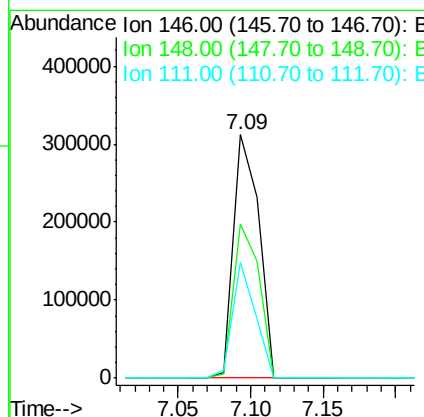
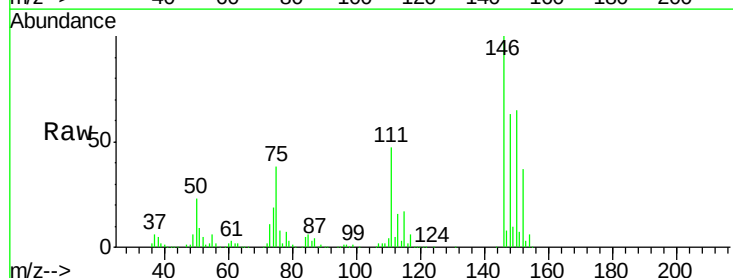
Manual Integrations
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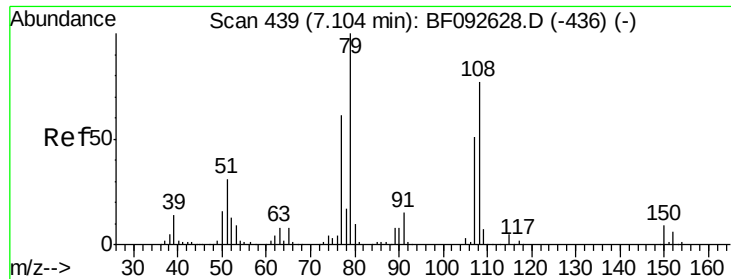
mohammad
 2/6/2017 12:34:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.15 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.05 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	379146		
148	63.0	52.2	78.2	
111	47.4	36.2	54.2	





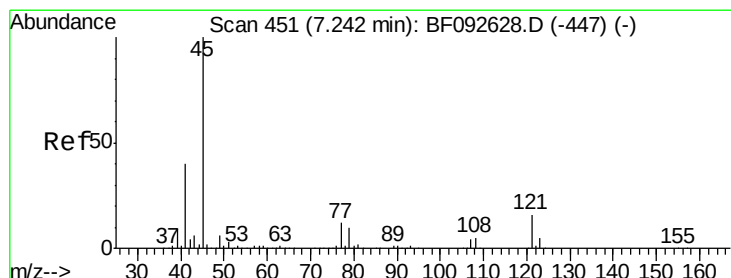
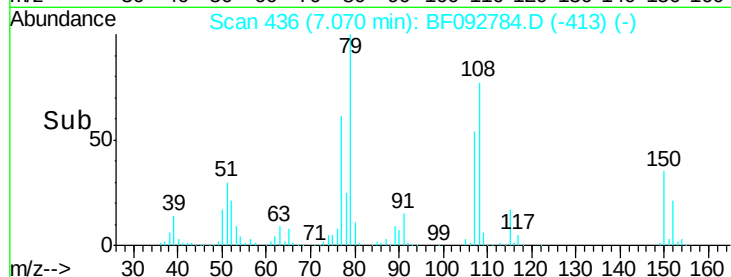
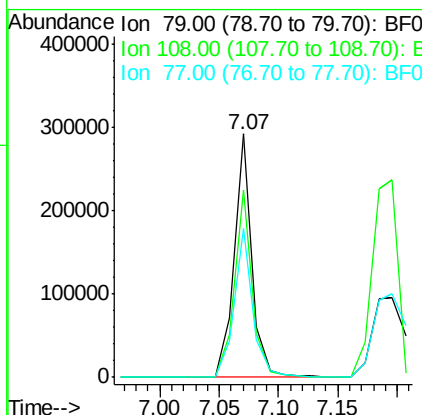
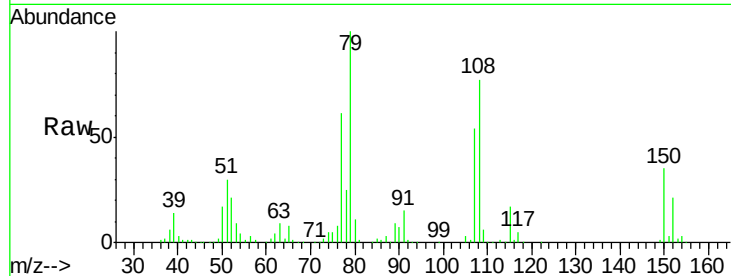
#15
Benzyl Alcohol
Concen: 44.20 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	302851		
108	77.2	61.4	92.0	
77	61.4	50.9	76.3	

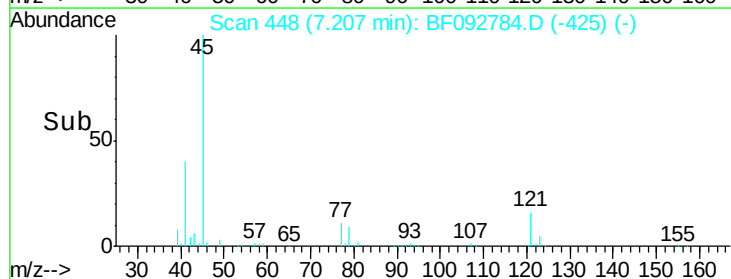
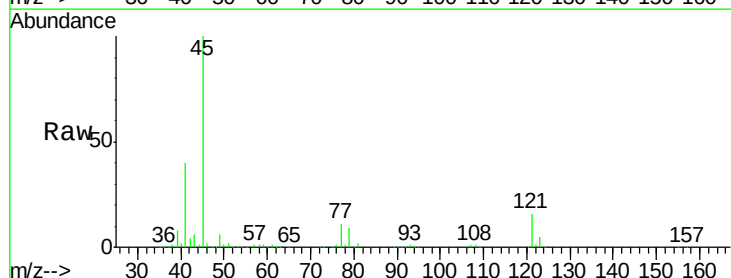
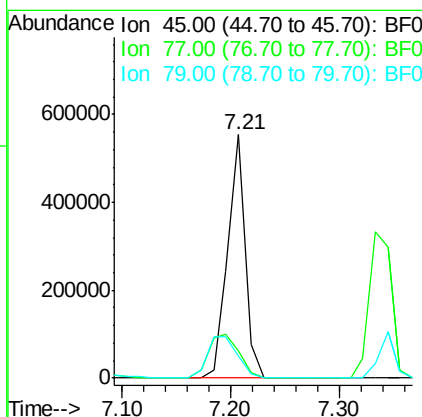
Manual Integrations
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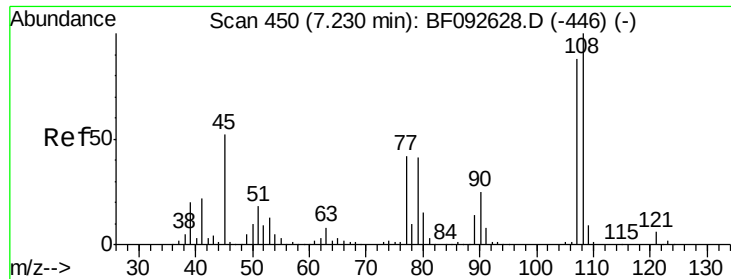
mohammad
2/6/2017 12:34:00 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.73 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	611467		
77	11.3	0.0	34.6	
79	9.1	0.0	31.2	





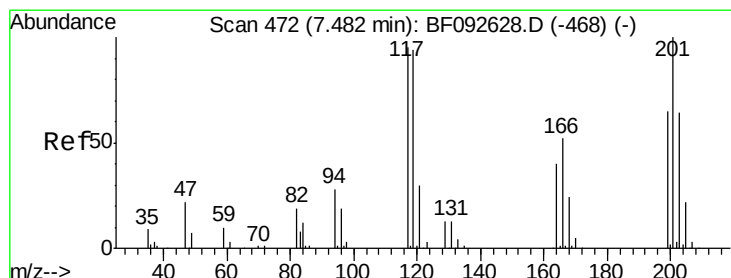
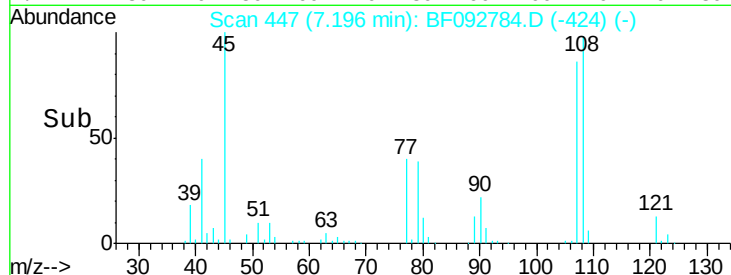
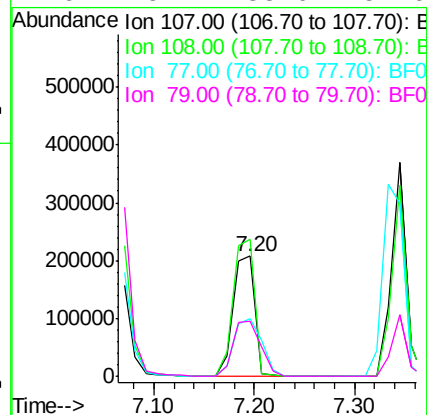
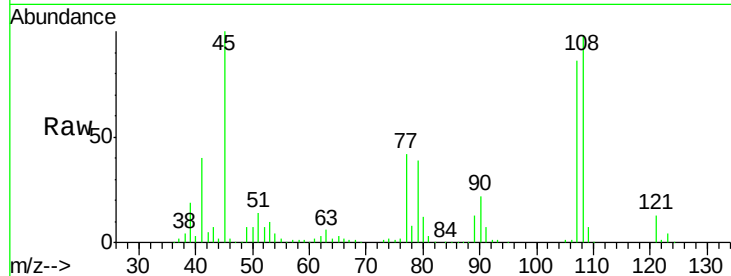
#17
2-Methylphenol
Concen: 45.60 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	310389		
108	113.9	93.0	139.6	
77	48.3	39.8	59.8	
79	45.7	38.0	57.0	

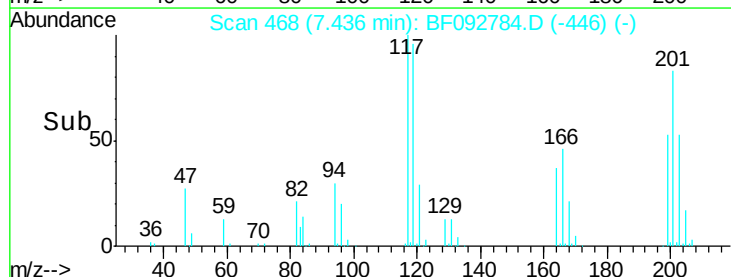
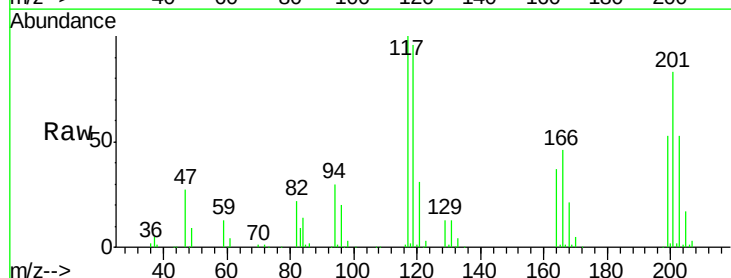
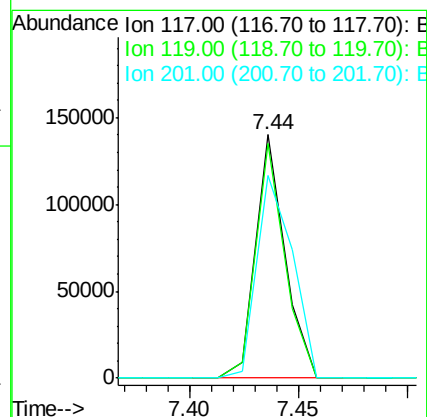
Manual Integrations
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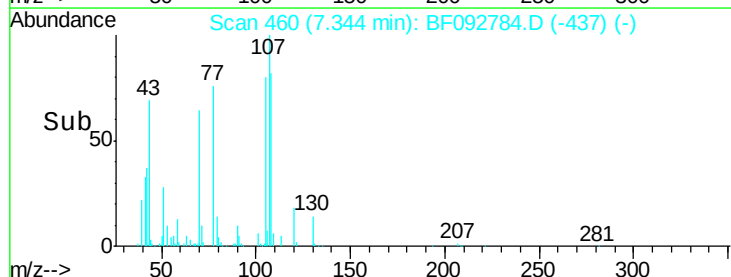
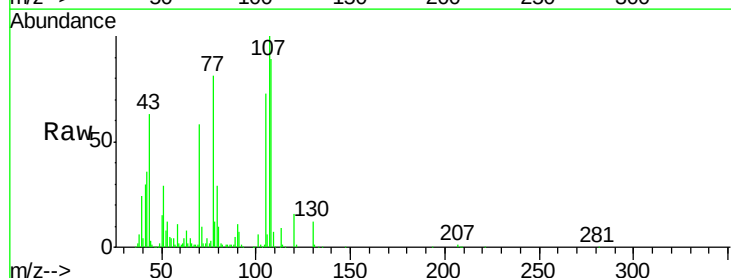
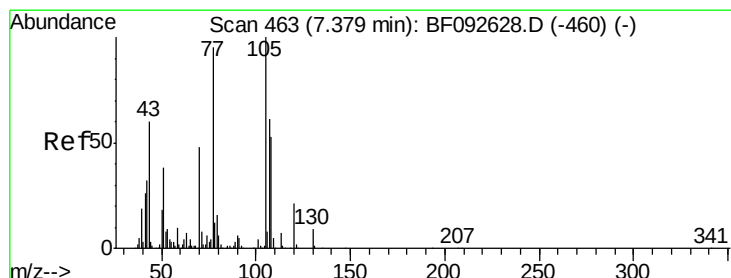
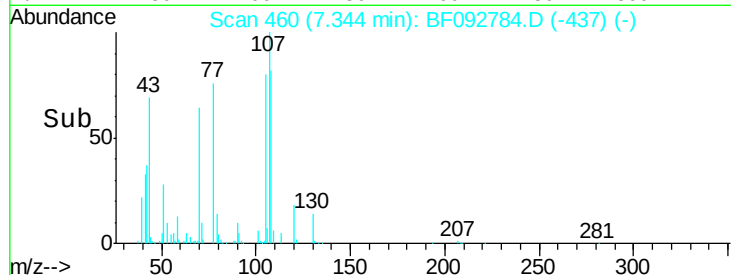
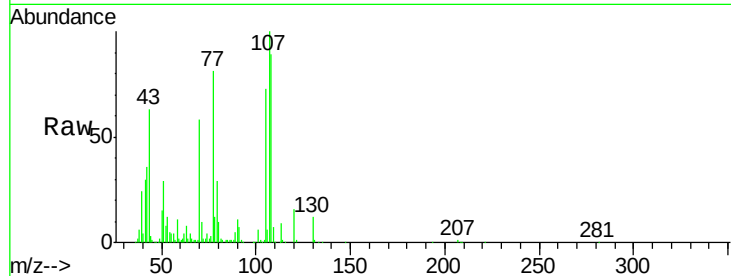
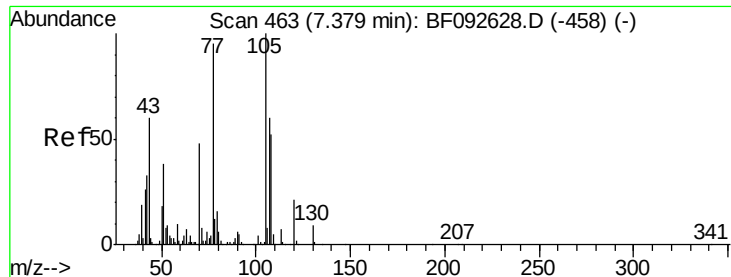
mohammad
2/6/2017 12:34:00 PM



#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

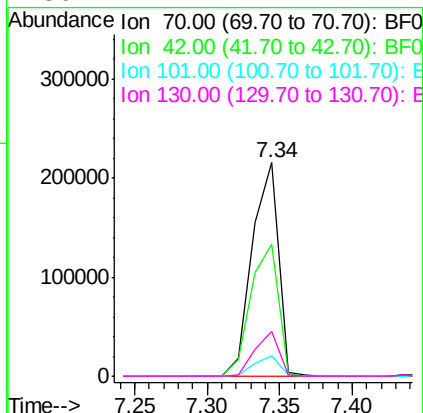
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	131626		
119	96.4	78.1	117.1	
201	83.4	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 45.87 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	270207		
42	62.0	49.4	74.0	
101	9.6	7.4	11.2	
130	21.1	14.2	21.4	



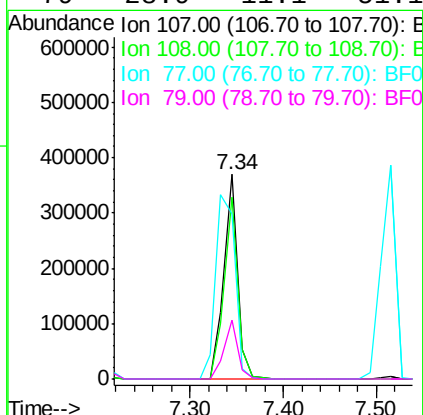
Instrument :
BNA_F
ClientSampleId :
PB96697BS

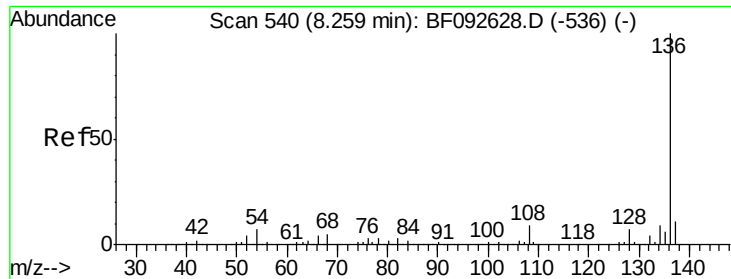
Manual Integrations
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#20
3+4-Methylphenols
Concen: 46.63 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	379530		
108	89.0	73.0	113.0	
77	81.0	71.3	111.3	
79	28.9	11.1	51.1	





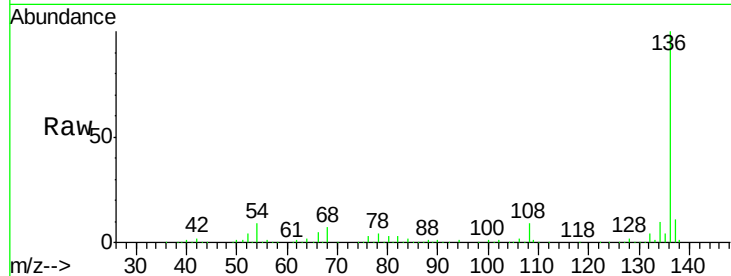
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	517373		
137	11.0	8.4	12.6	
54	9.2	4.5	6.7#	
68	6.7	3.6	5.4#	

Manual Integrations
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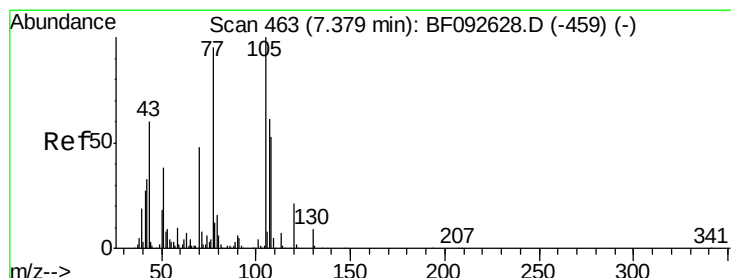
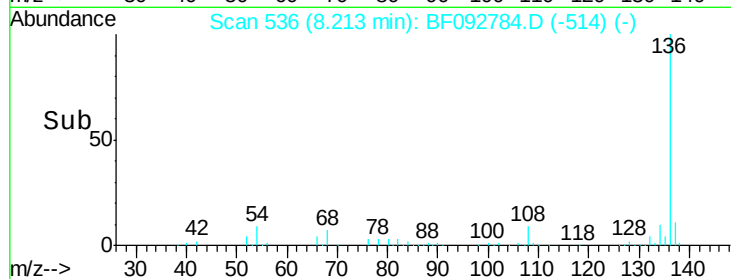
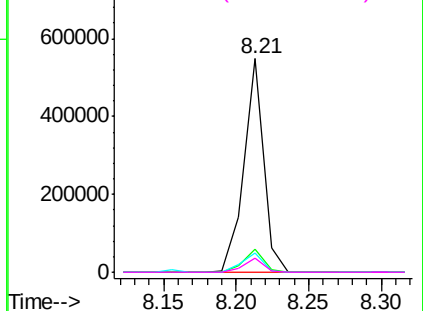
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.28 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	475852		
71	6.7	3.2	4.8#	
51	38.3	26.2	39.4	
120	20.9	16.6	24.8	

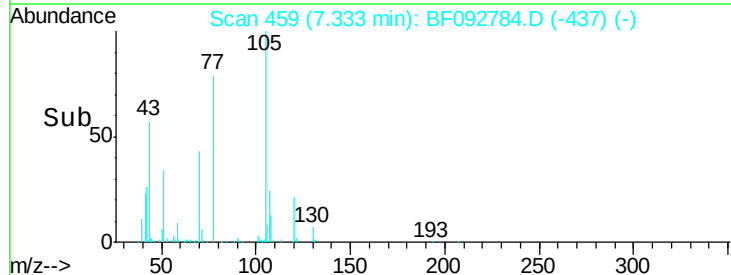
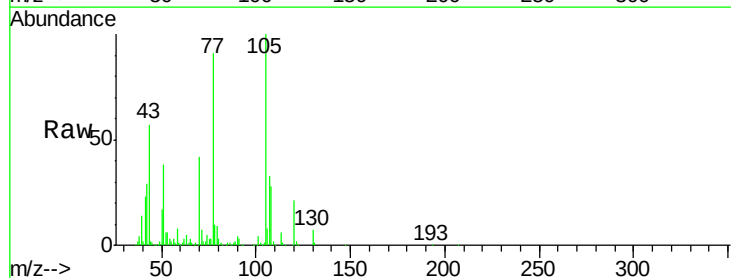
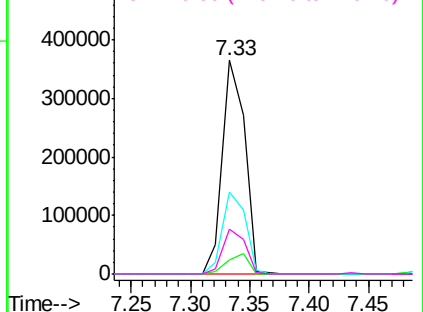
Abundance

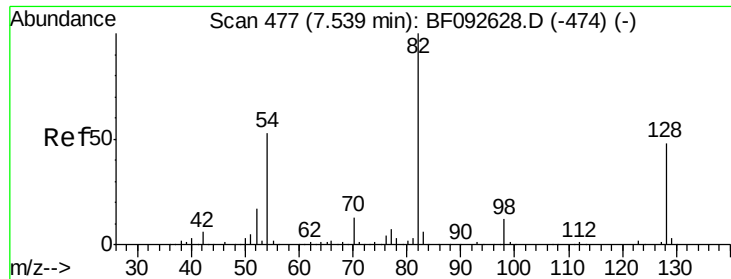
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





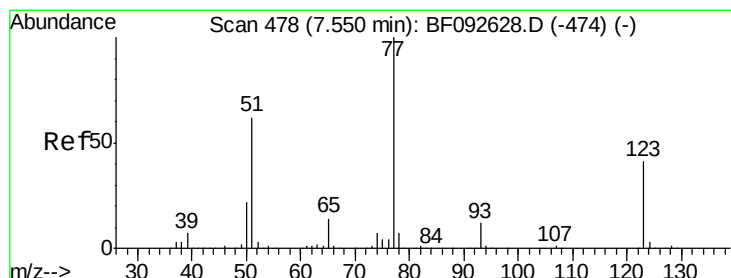
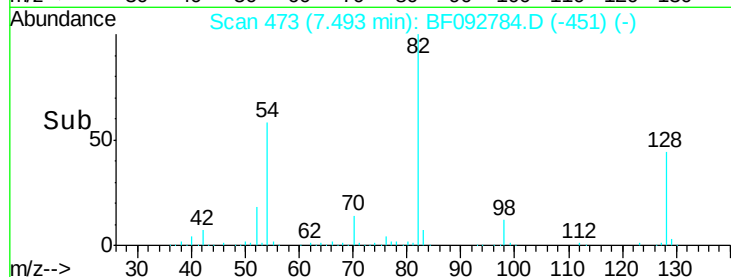
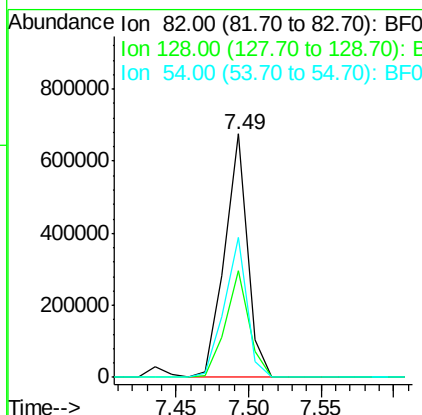
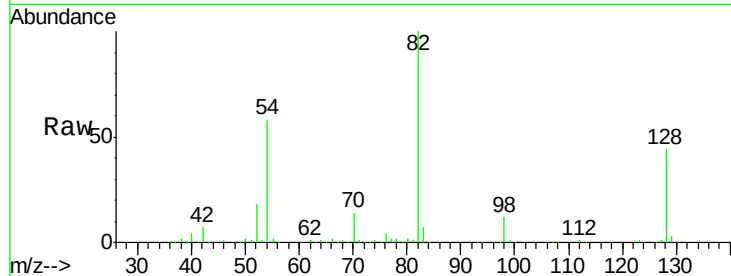
#23
 Nitrobenzene-d5
 Concen: 79.77 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleID :
 PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	741127		
128	43.9		34.6	52.0
54	57.6		39.5	59.3

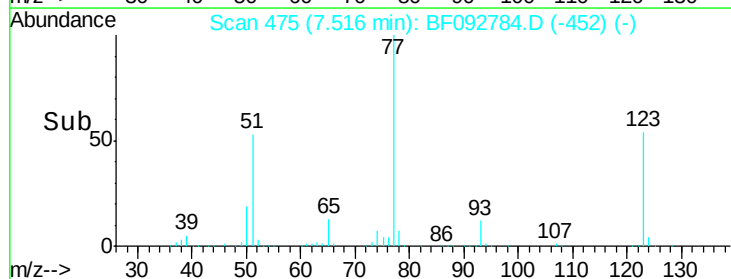
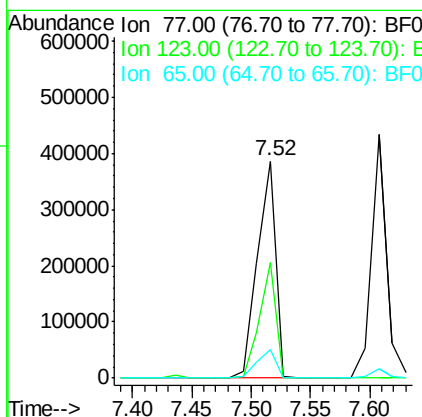
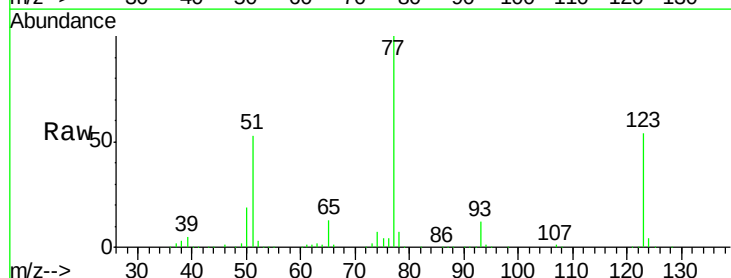
Manual Integrations
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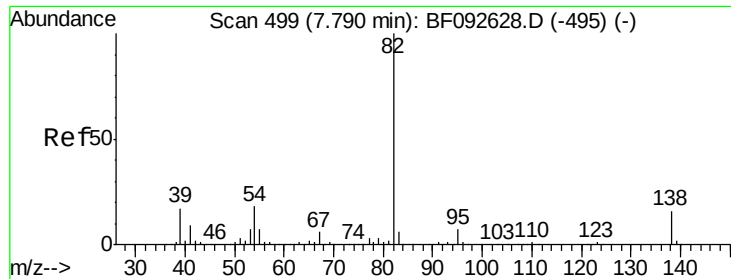
mohammad
 2/6/2017 12:34:00 PM



#24
 Nitrobenzene
 Concen: 43.71 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	416973		
123	53.5		33.0	49.4#
65	13.2		11.2	16.8





#25

Isophorone

Concen: 41.14 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

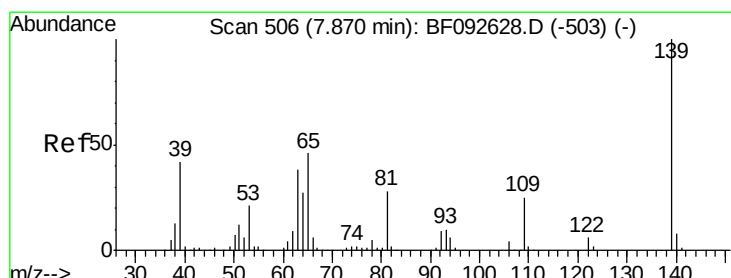
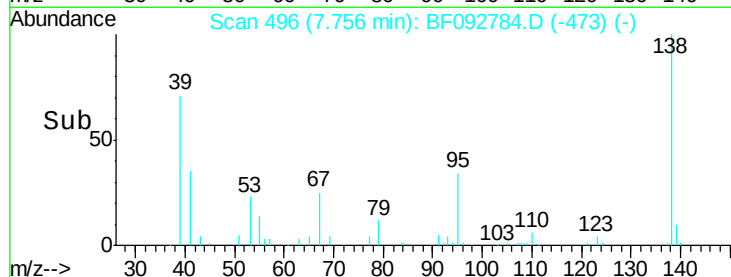
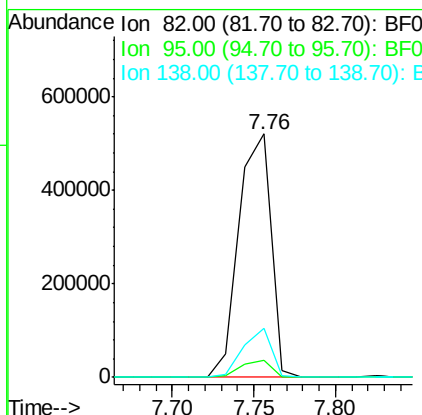
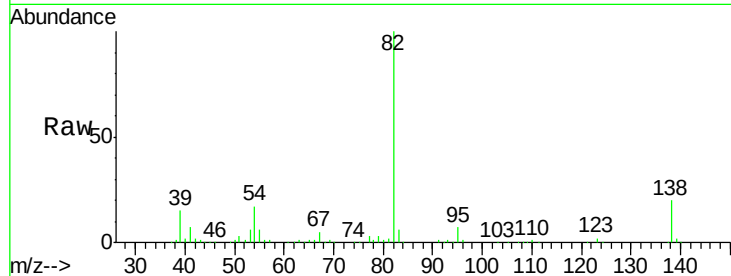
ClientSampleId :

PB96697BS

Tgt Ion:	82	Resp:	712303
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	20.3	14.6	22.0

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 43.02 ng

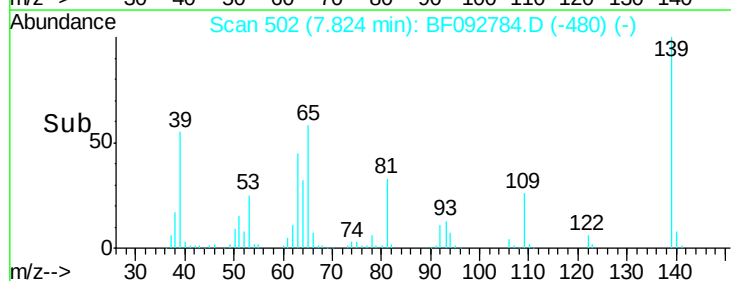
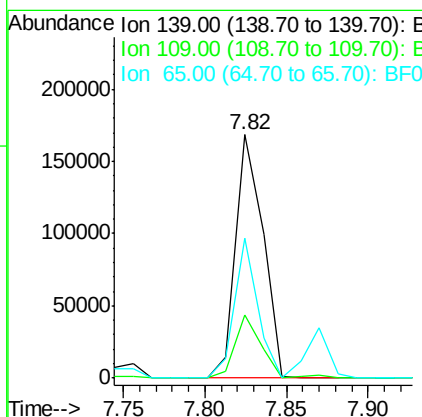
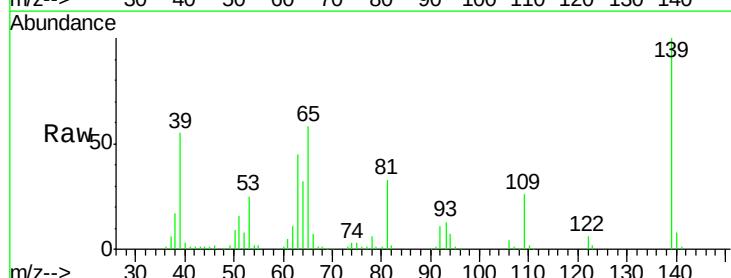
RT: 7.82 min Scan# 502

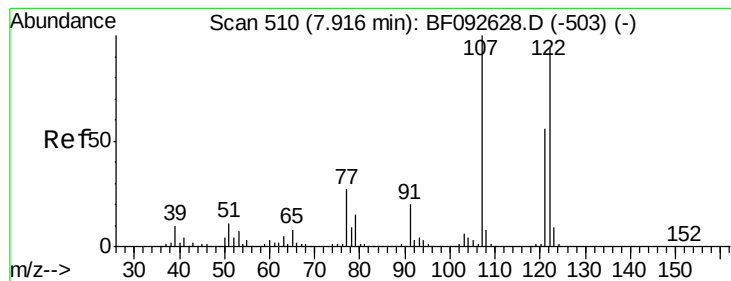
Delta R.T. -0.05 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	139	Resp:	195093
Ion Ratio	Lower	Upper	
139	100		
109	25.9	23.3	34.9
65	57.6	42.7	64.1





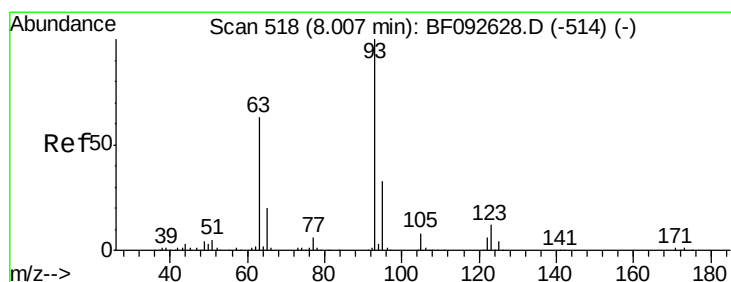
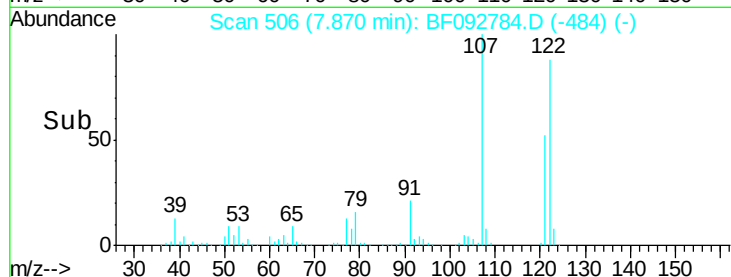
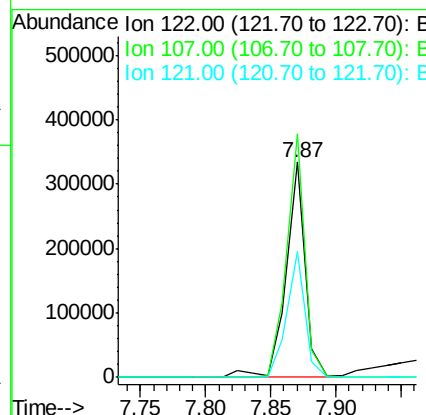
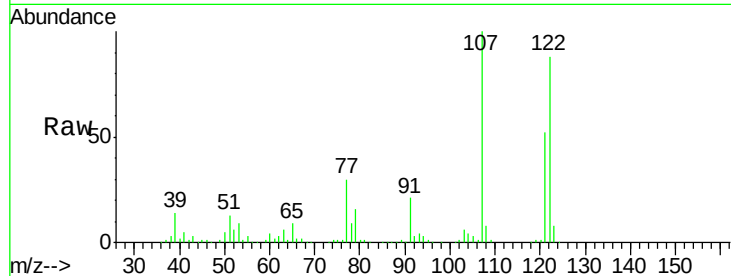
#27
2,4-Dimethylphenol
Concen: 43.31 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	344918		
107	113.2	94.1	141.1	
121	58.6	46.0	69.0	

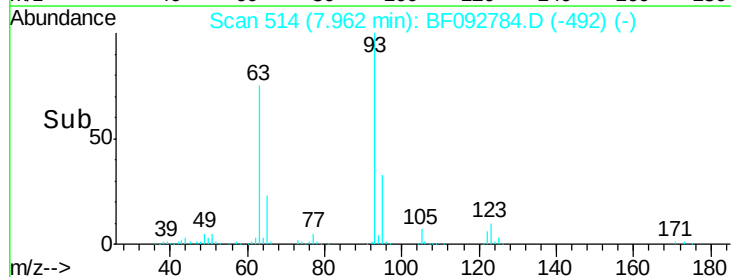
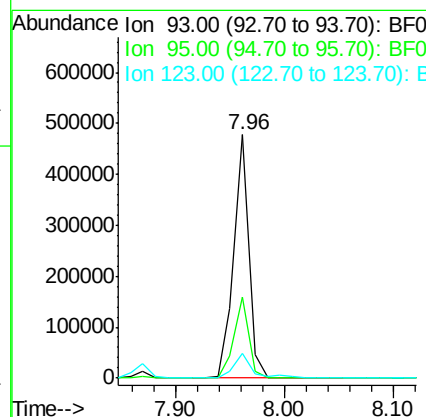
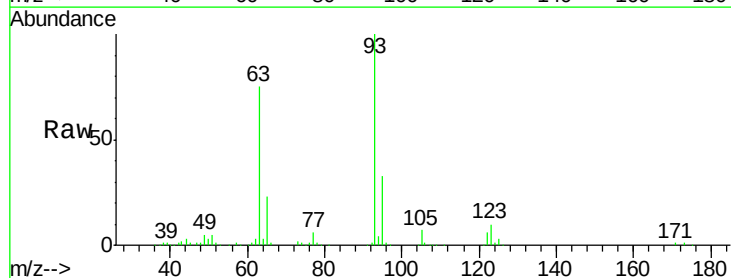
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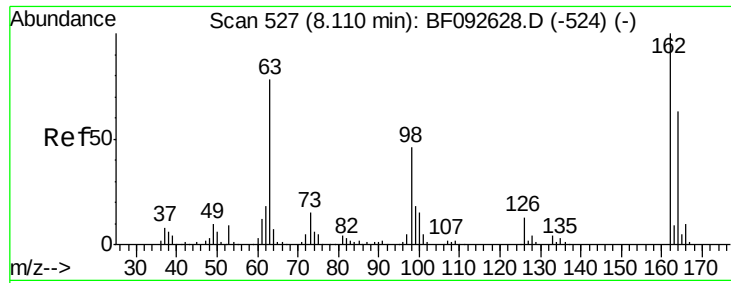
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.03 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	458964		
95	33.3	26.5	39.7	
123	10.3	8.6	13.0	





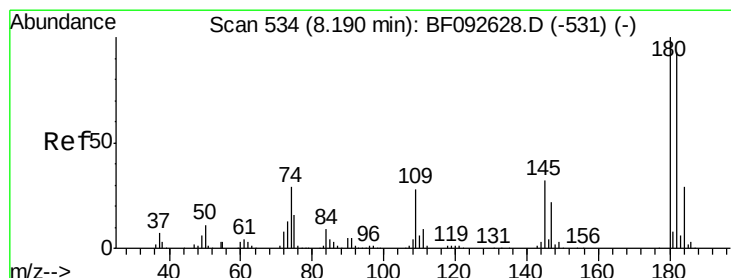
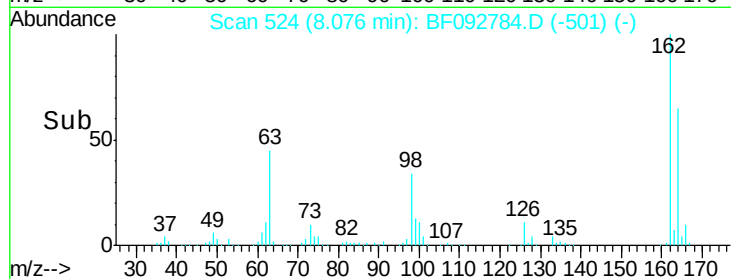
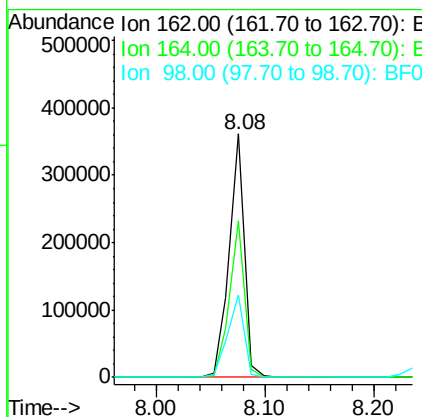
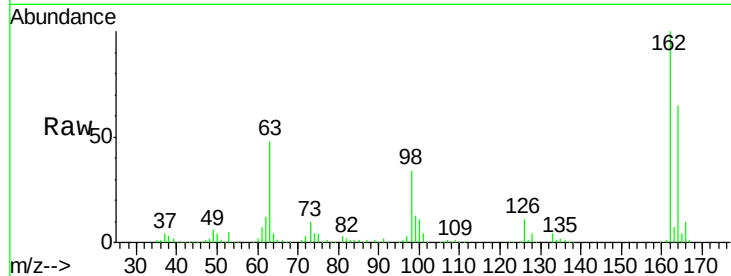
#29
 2,4-Dichlorophenol
 Concen: 46.80 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	347608		
164	64.6	46.8	86.8	
98	33.6	9.1	49.1	

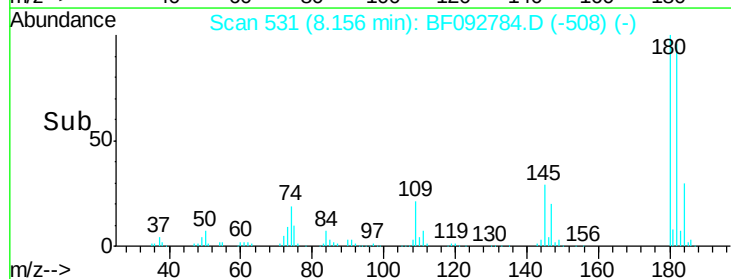
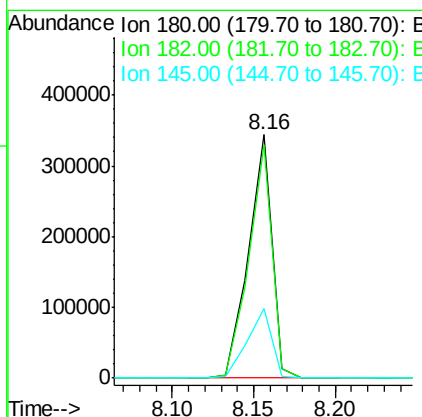
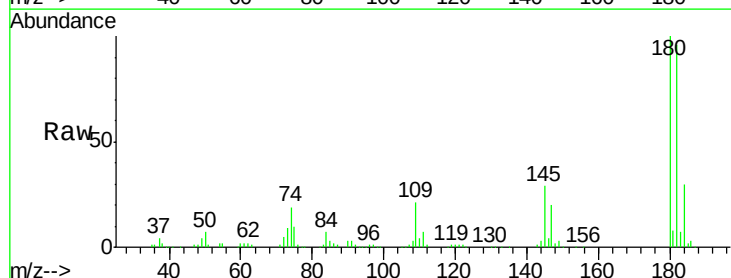
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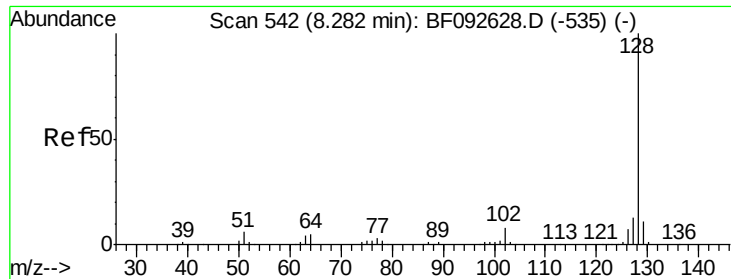
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.95 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343799		
182	95.6	78.2	117.4	
145	28.5	21.6	32.4	





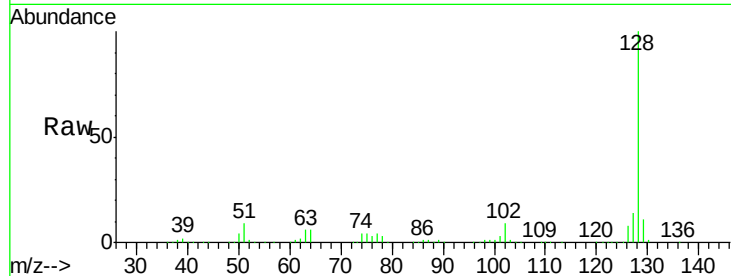
#31
Naphthalene
Concen: 41.21 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

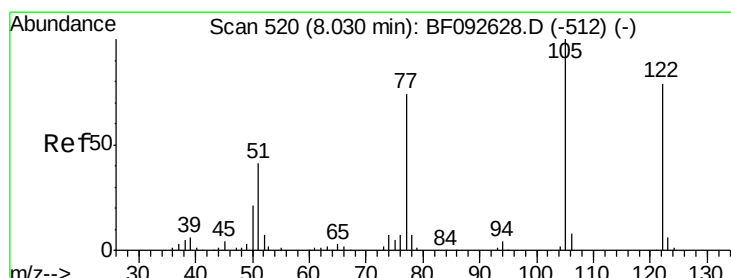
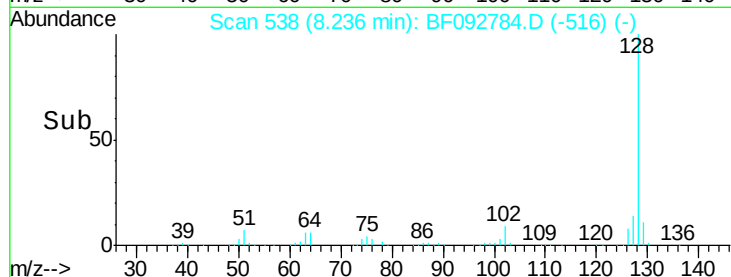
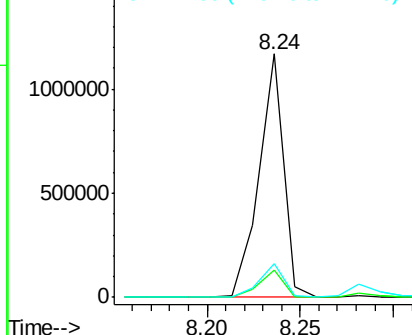
Tgt Ion:128 Resp: 1080808
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.6 10.8 16.2

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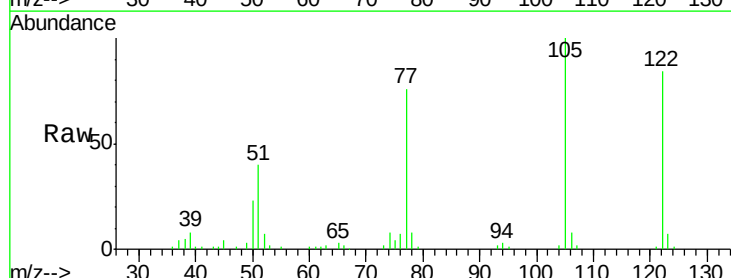


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

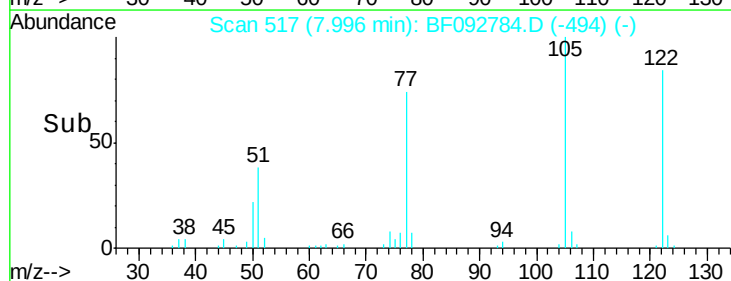
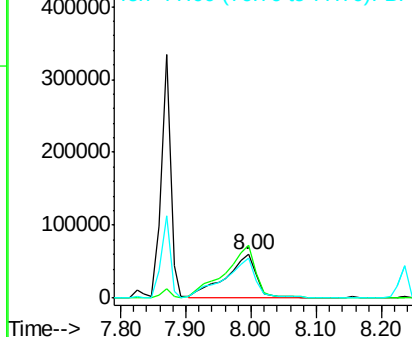


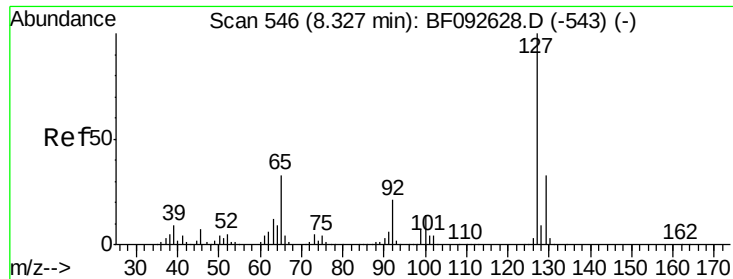
#32
Benzoic acid
Concen: 44.35 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion:122 Resp: 197226
Ion Ratio Lower Upper
122 100
105 119.5 107.2 147.2
77 90.8 74.5 114.5



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





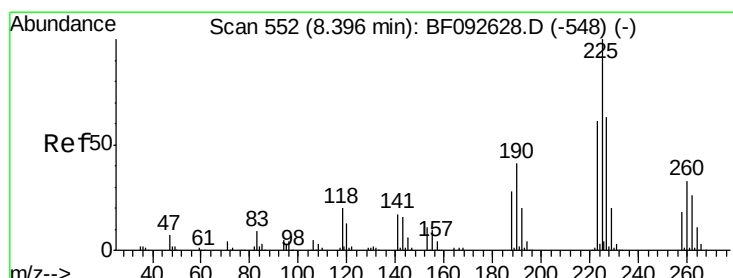
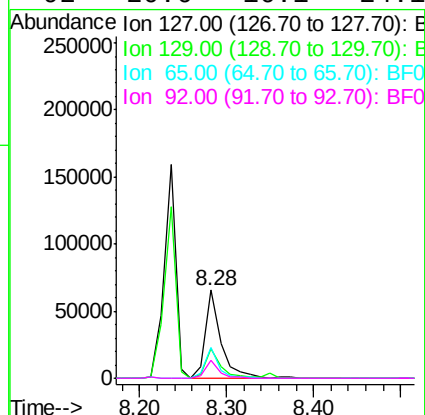
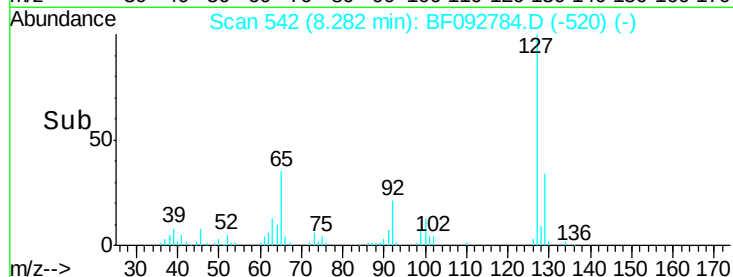
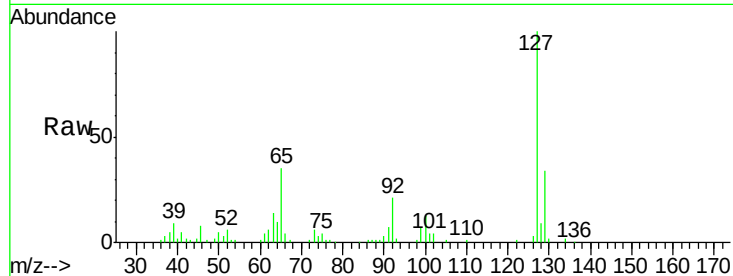
#33
4-Chloroaniline
Concen: 7.89 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampled :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	81184		
129	33.8	26.3	39.5	
65	34.9	25.8	38.8	
92	20.6	16.1	24.1	

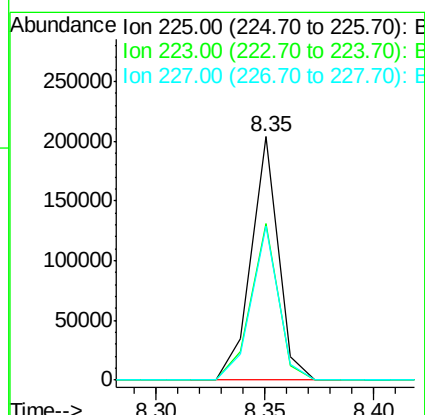
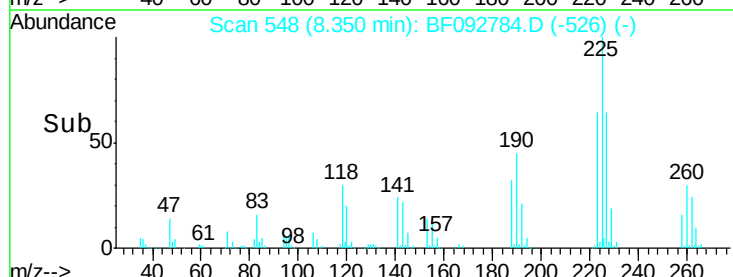
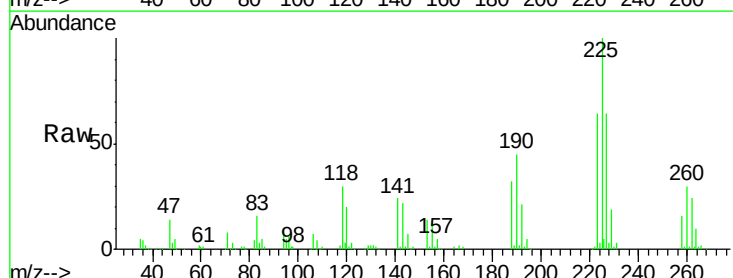
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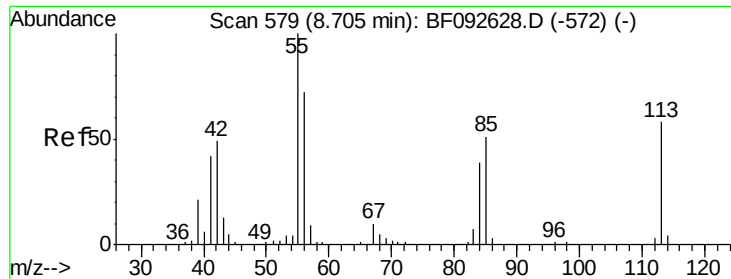
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#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	177664		
223	64.1	51.0	76.6	
227	63.5	50.6	76.0	





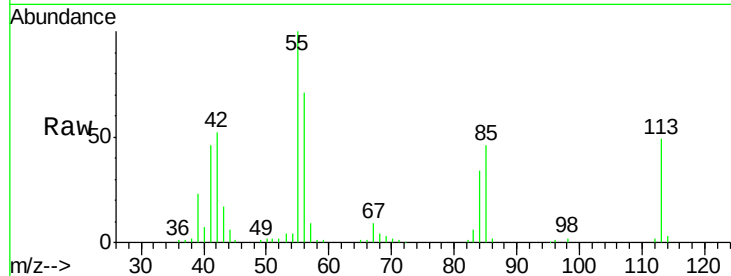
#35
 Caprolactam
 Concen: 46.59 ng m
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

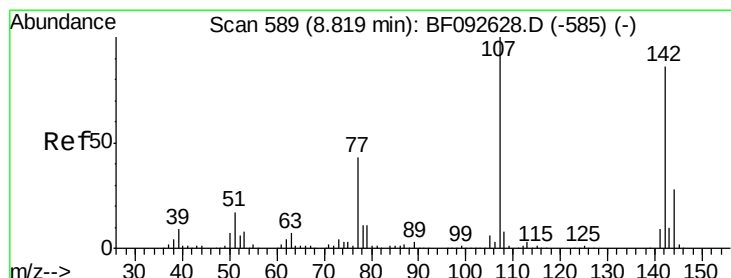
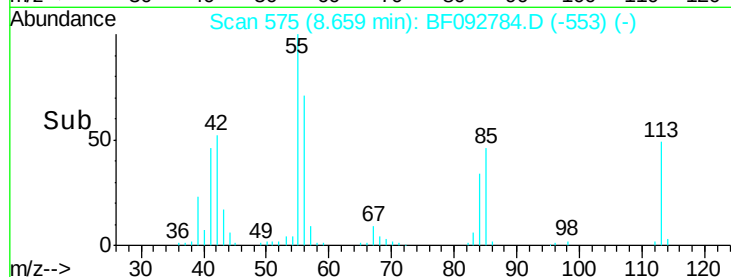
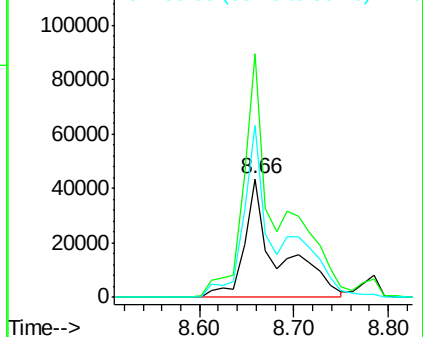
Tgt Ion:113 Resp: 108862
 Ion Ratio Lower Upper
 113 100
 55 205.3 119.2 159.2#
 56 145.1 83.8 123.8#

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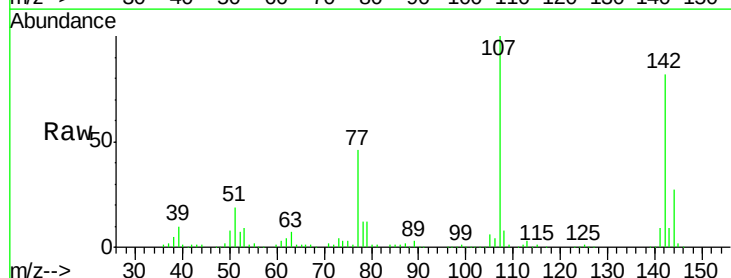


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

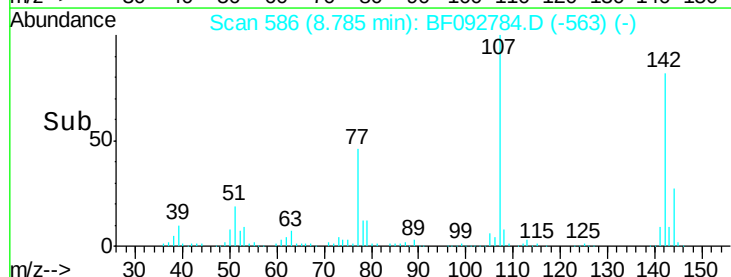
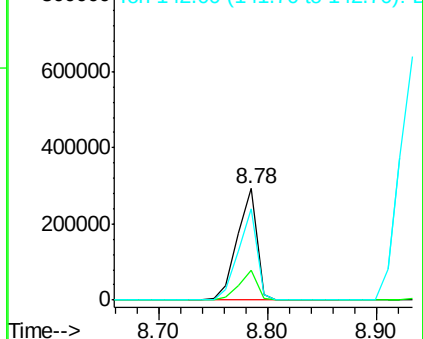


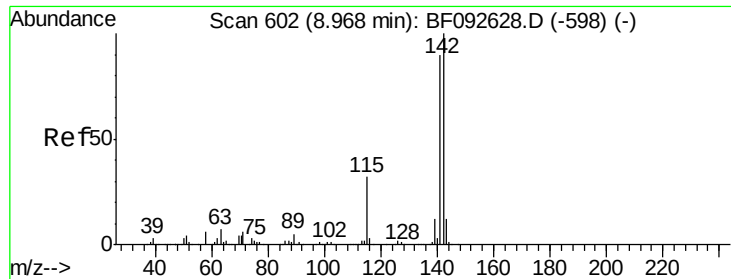
#36
 4-Chloro-3-methylphenol
 Concen: 46.87 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:107 Resp: 362979
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.3 28.9
 142 81.9 59.0 88.6



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





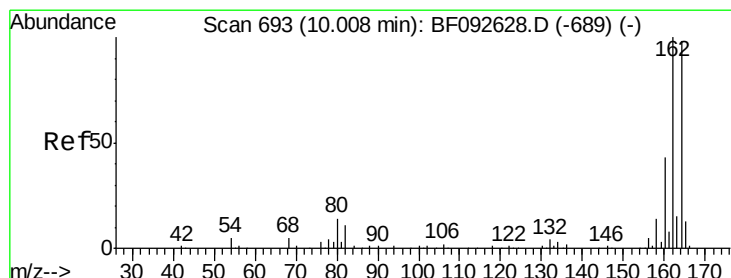
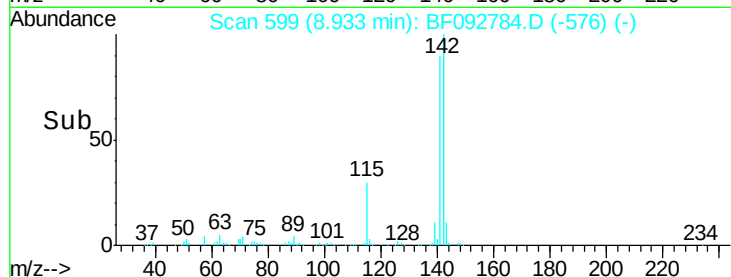
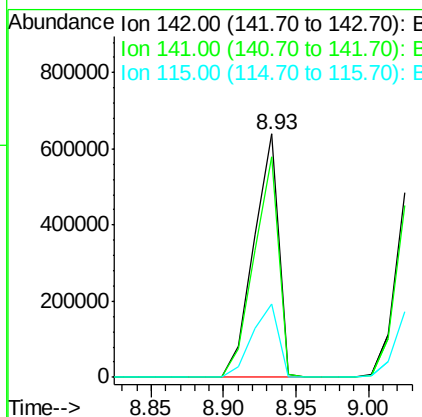
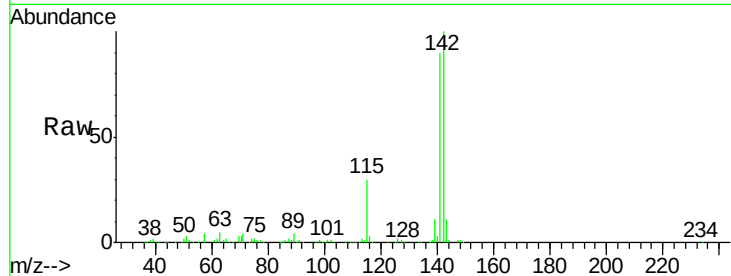
#37
 2-Methylnaphthalene
 Concen: 45.12 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	29.9	28.3	42.5

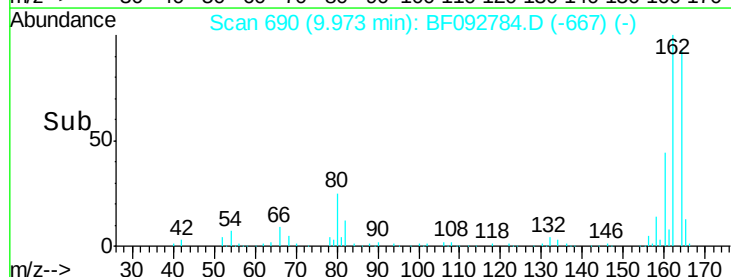
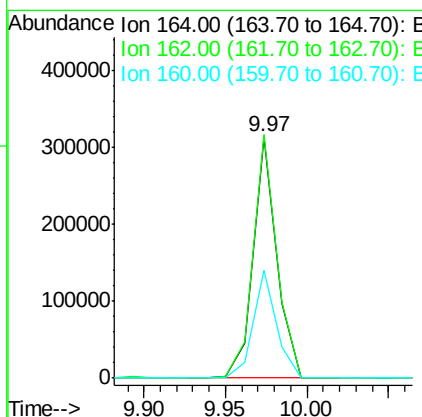
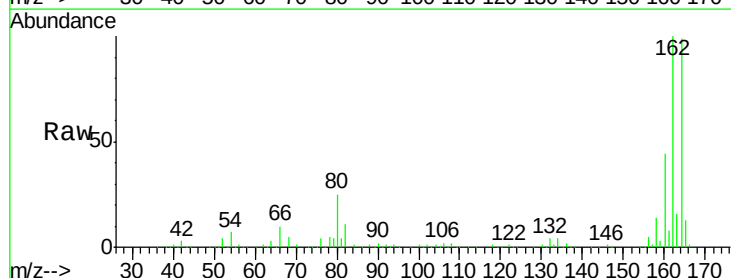
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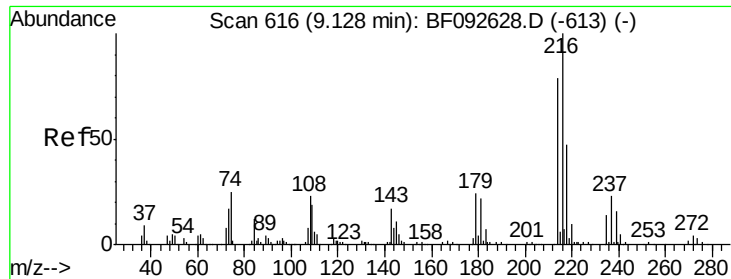
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.5	36.9	55.3





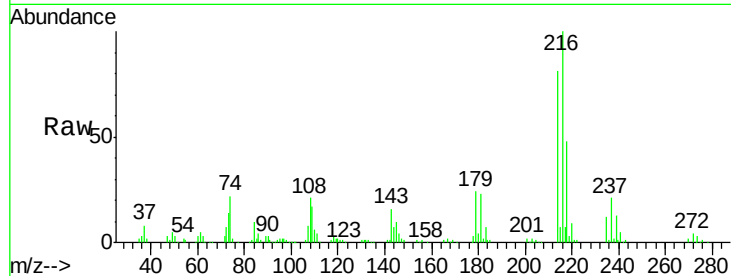
#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.38 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

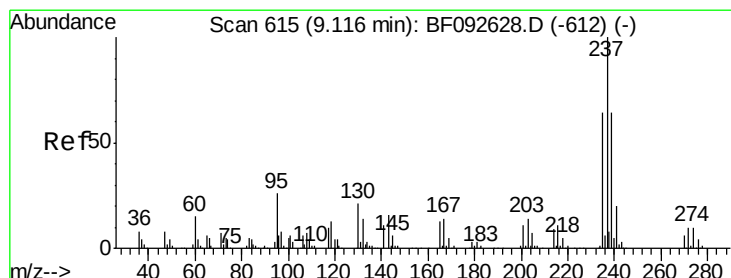
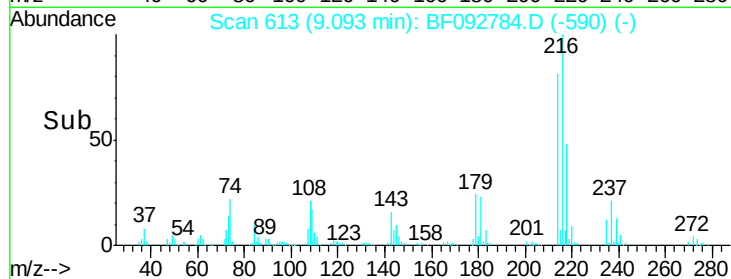
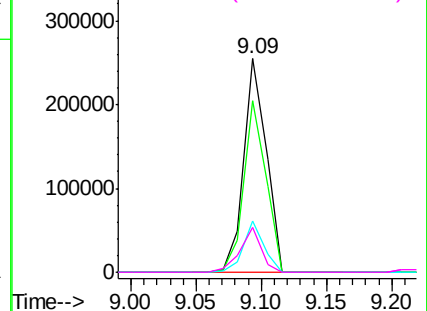
Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.1	63.4	95.0
179	21.7	17.4	26.2
108	19.7	15.6	23.4

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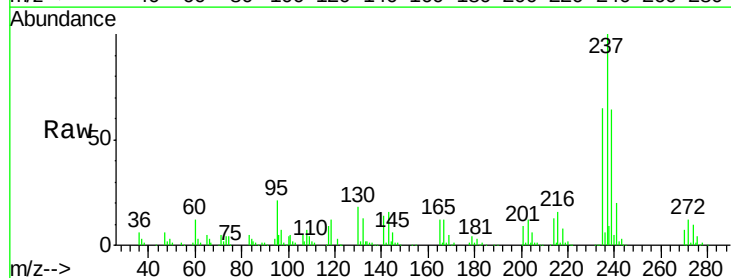


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

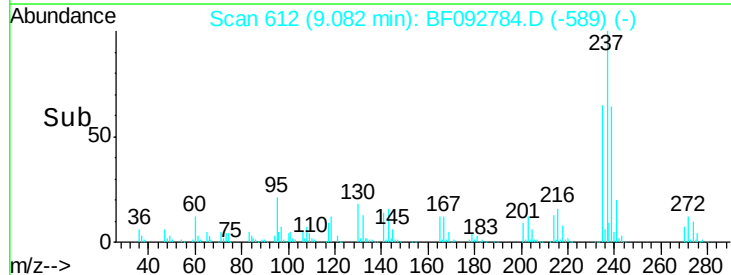
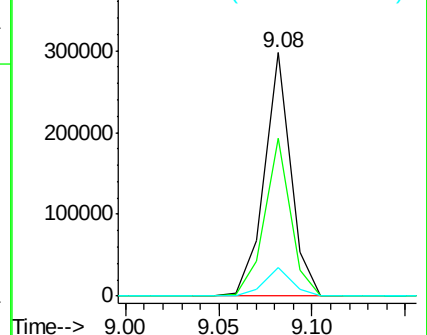


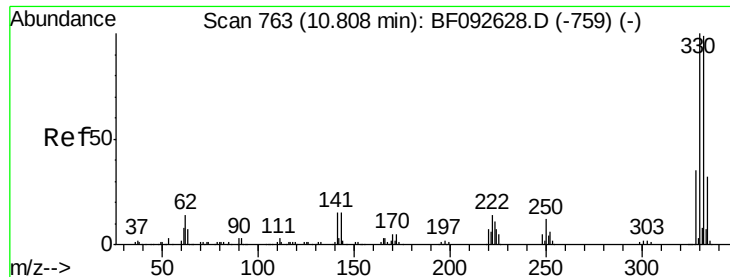
#40
Hexachlorocyclopentadiene
Concen: 72.83 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.1	41.2	81.2
272	12.0	0.0	35.4



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





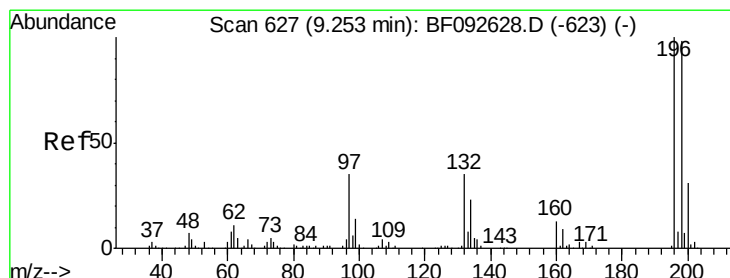
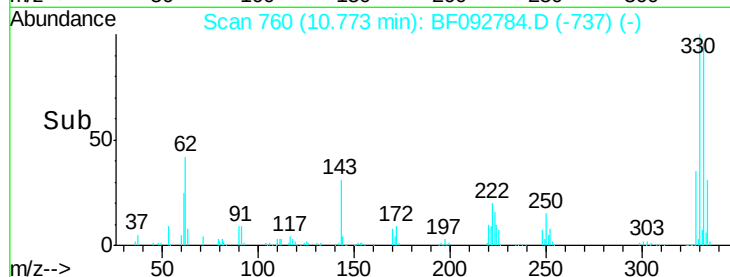
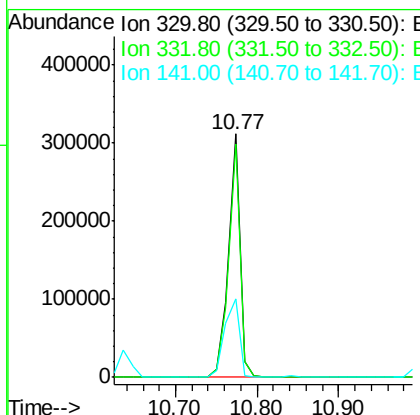
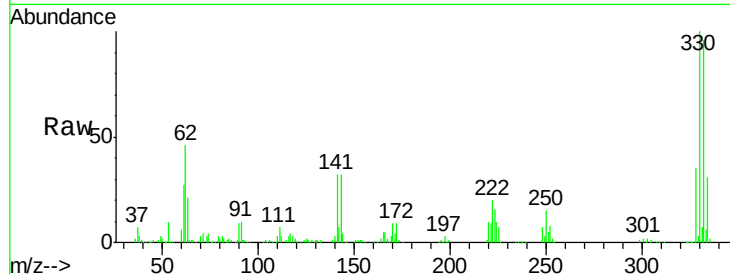
#41
 2,4,6-Tribromophenol
 Concen: 134.04 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	305058		
332	95.8	77.4	116.2	
141	41.4	34.1	51.1	

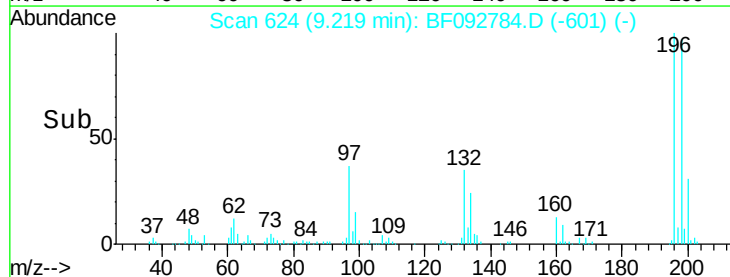
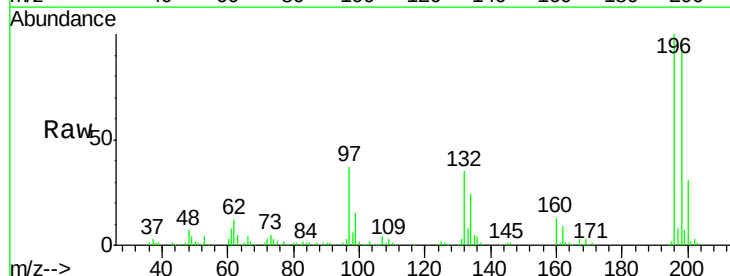
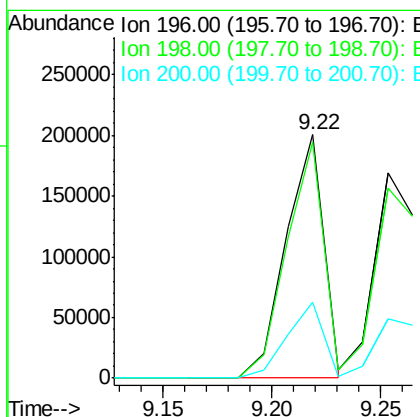
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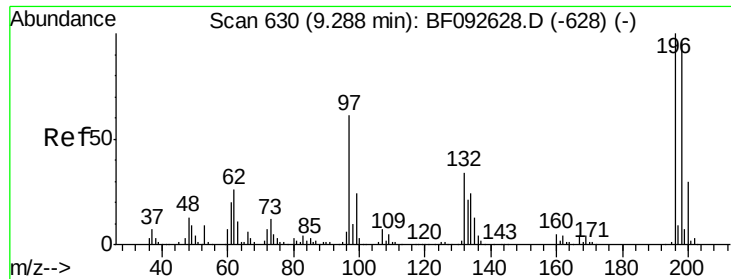
mohammad
 2/6/2017 12:34:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.71 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242073		
198	97.1	82.1	123.1	
200	31.0	27.0	40.4	





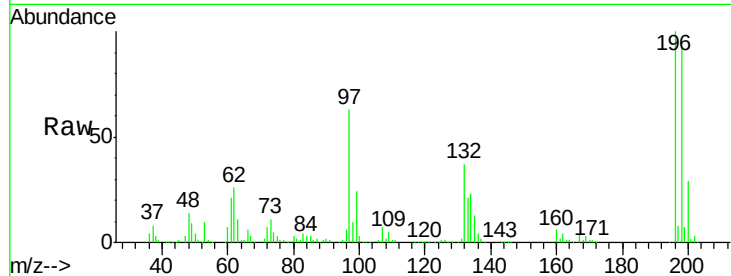
#43
 2,4,5-Trichlorophenol
 Concen: 36.71 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

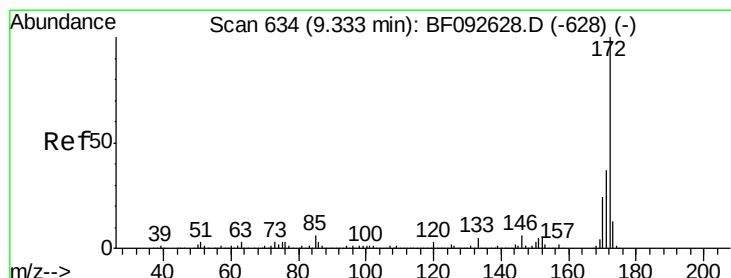
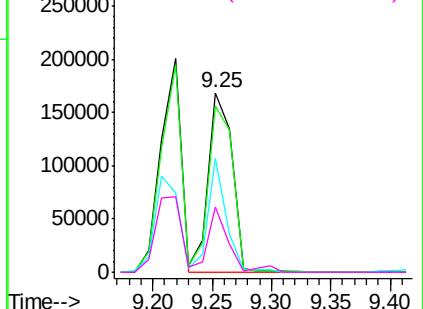
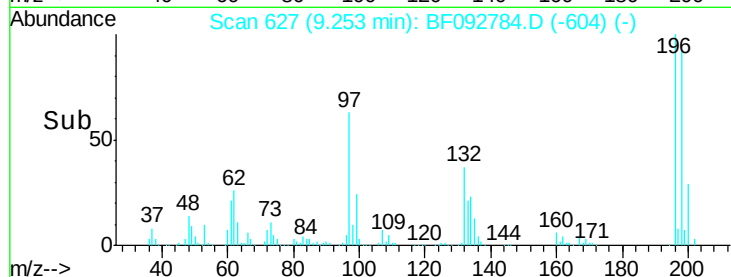
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233439		
198	92.5	79.4	119.2	
97	63.1	51.5	77.3	
132	36.6	27.4	41.2	

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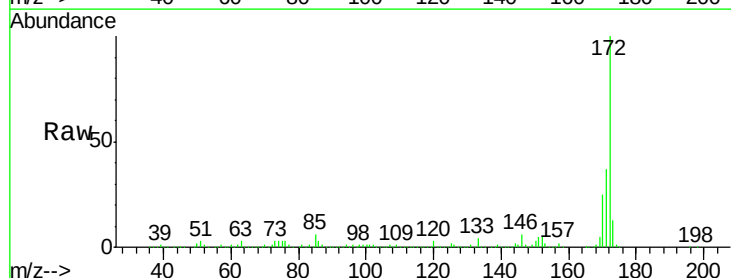


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

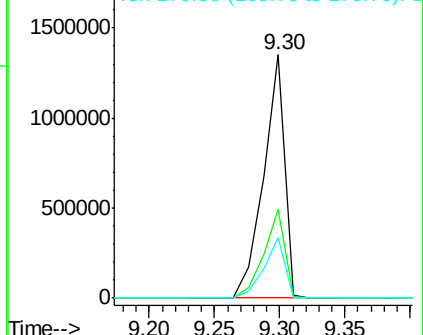
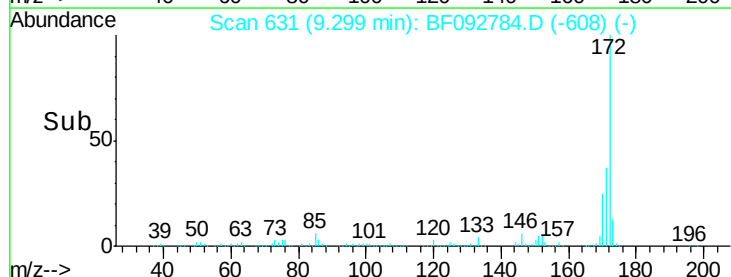


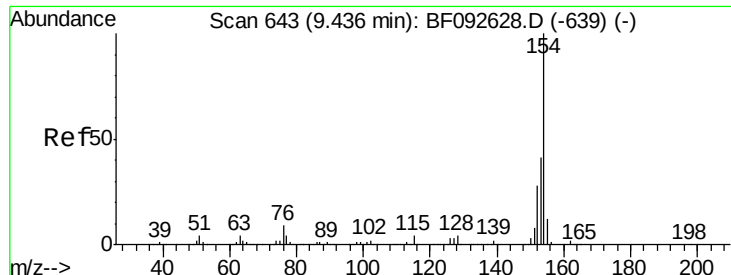
#44
 2-Fluorobiphenyl
 Concen: 87.88 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1526314		
171	36.5	29.4	44.0	
170	24.6	20.2	30.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.77 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

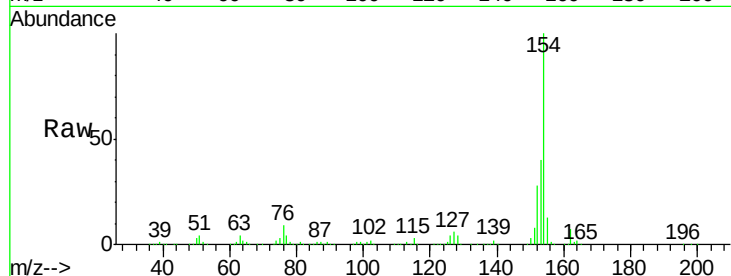
ClientSampleId :

PB96697BS

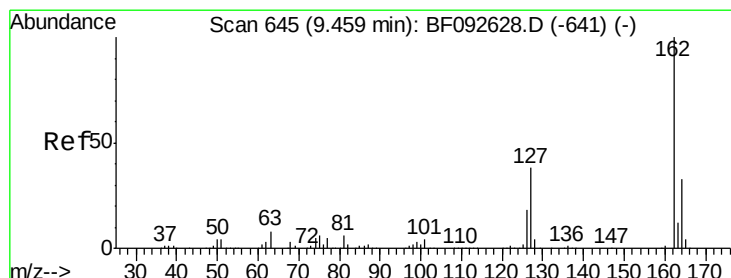
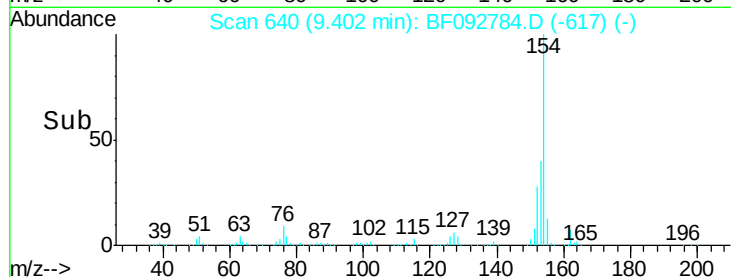
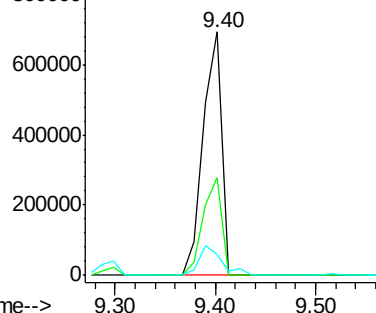
Tgt Ion:	154	Resp:	883442
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.9	60.9
76	8.6	0.0	30.5

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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: 40.51 ng

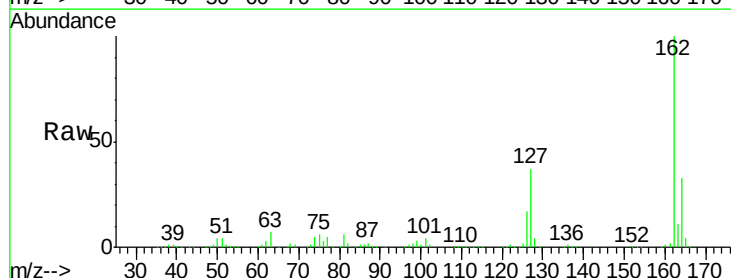
RT: 9.42 min Scan# 642

Delta R.T. -0.03 min

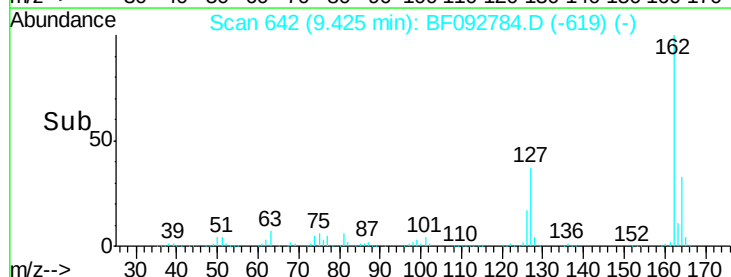
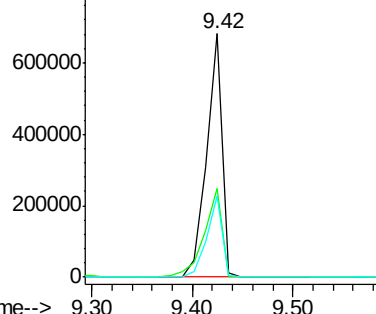
Lab File: BF092784.D

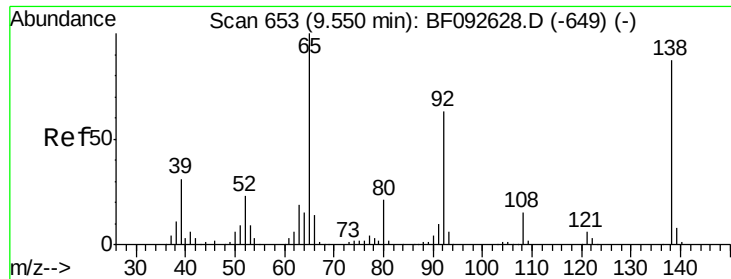
Acq: 3 Feb 2017 19:21

Tgt Ion:	162	Resp:	722044
Ion Ratio	Lower	Upper	
162	100		
127	36.6	30.7	46.1
164	33.1	27.6	41.4



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





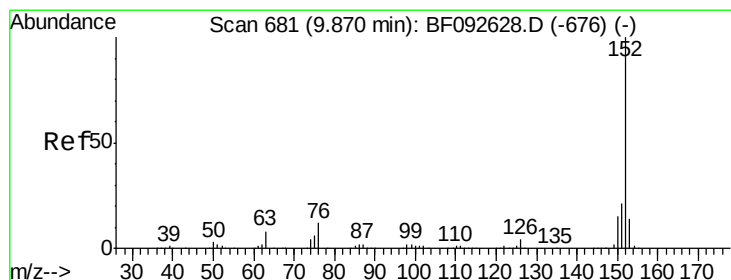
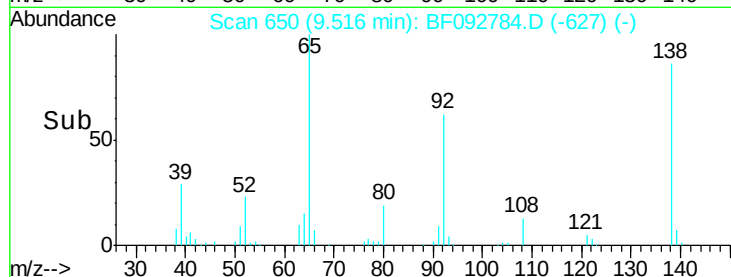
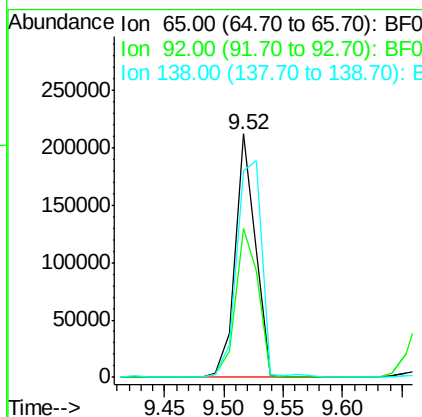
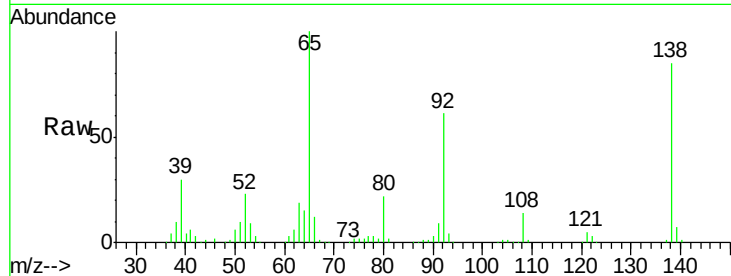
#47
2-Nitroaniline
Concen: 42.24 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	53.9	80.9
138	85.1	76.8	115.2

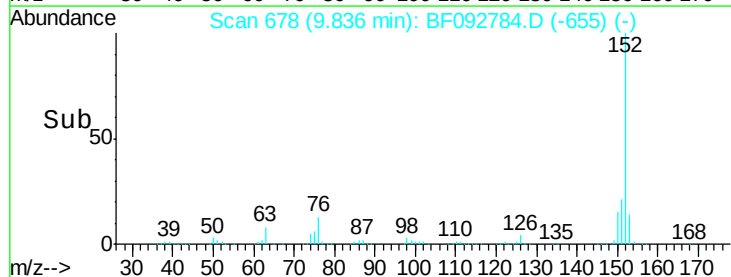
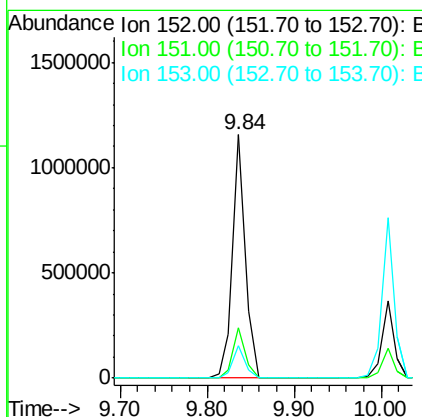
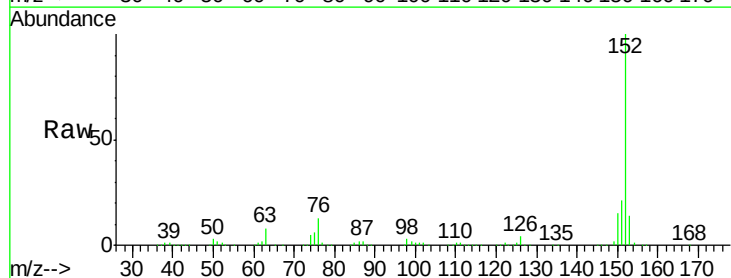
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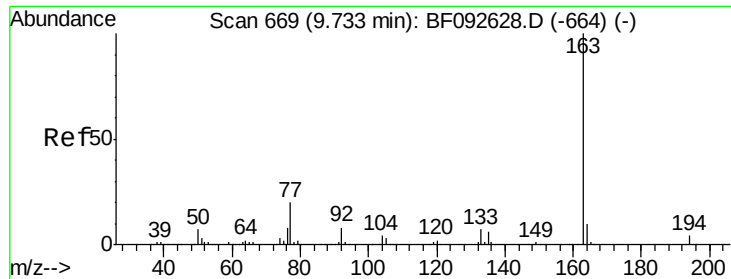
mohammad
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#48
Acenaphthylene
Concen: 38.09 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.6	11.4	17.2





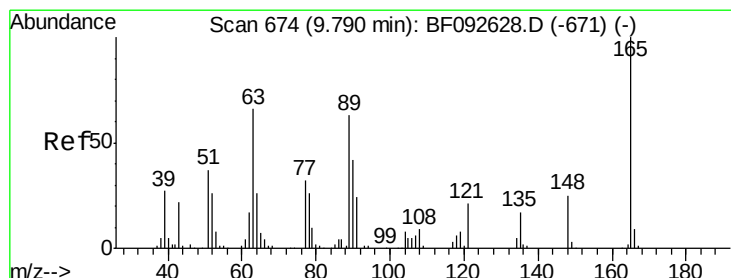
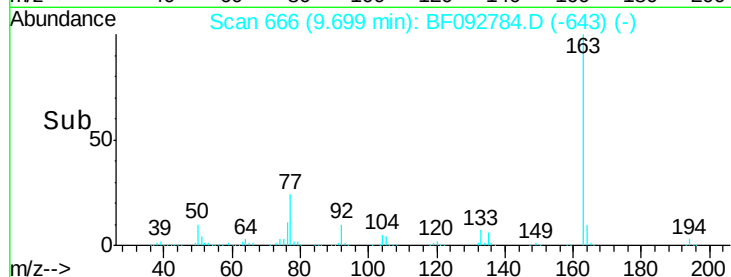
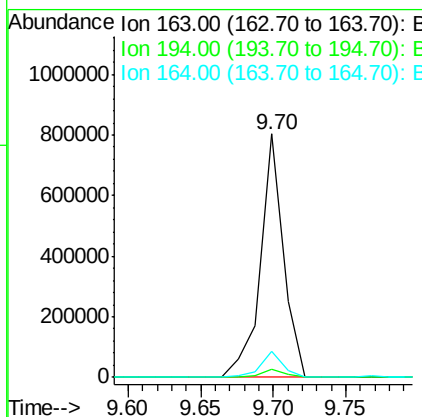
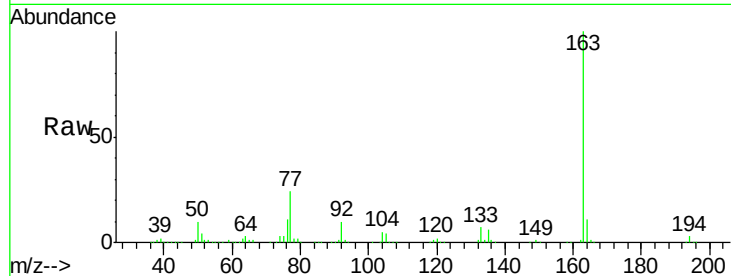
#49
Dimethylphthalate
Concen: 41.80 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	886019		
194	3.2		3.0	4.4
164	10.5		8.0	12.0

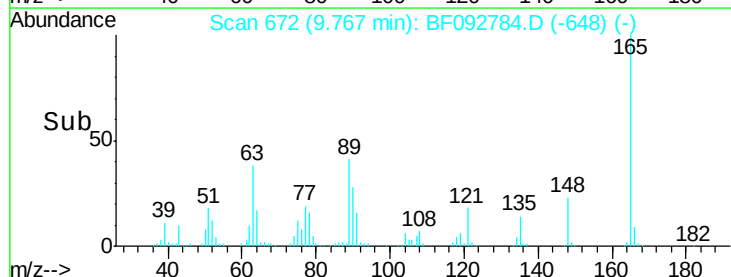
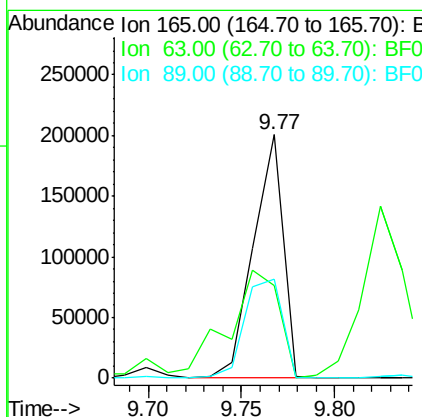
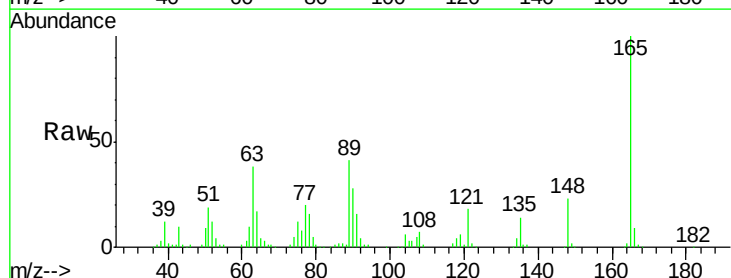
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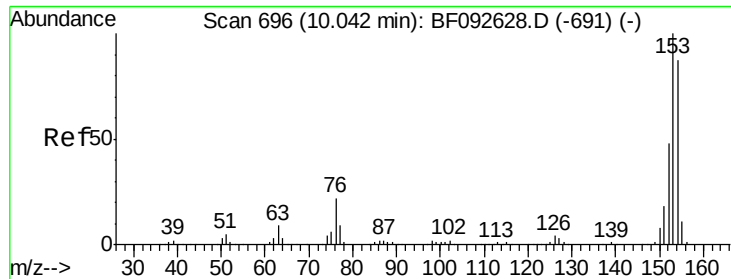
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#50
2,6-Dinitrotoluene
Concen: 48.44 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221736		
63	38.1		36.2	54.4
89	40.5		40.2	60.4





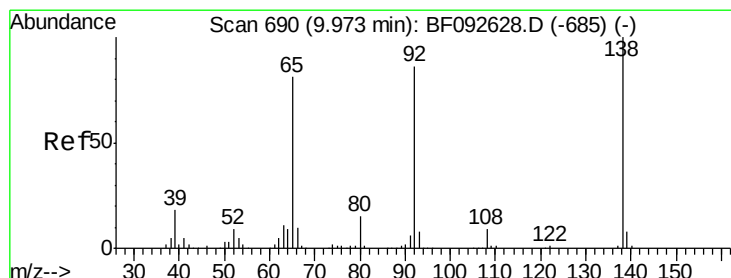
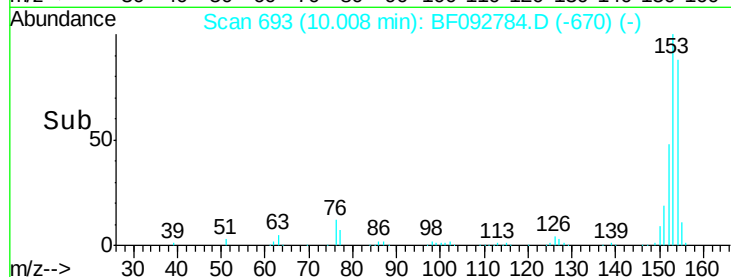
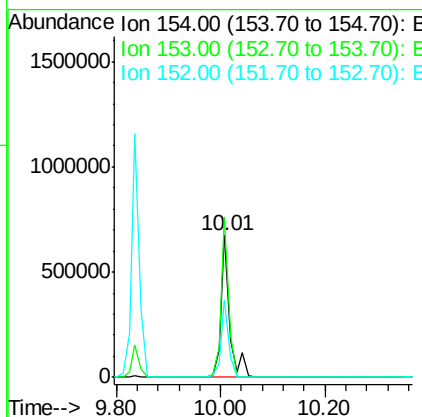
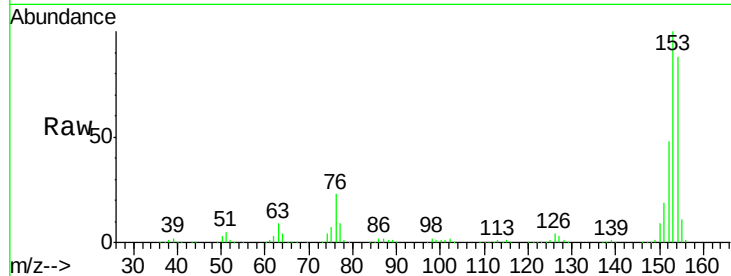
#51
Acenaphthene
Concen: 43.16 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	794485		
153	113.1	88.6	133.0	
152	54.4	41.6	62.4	

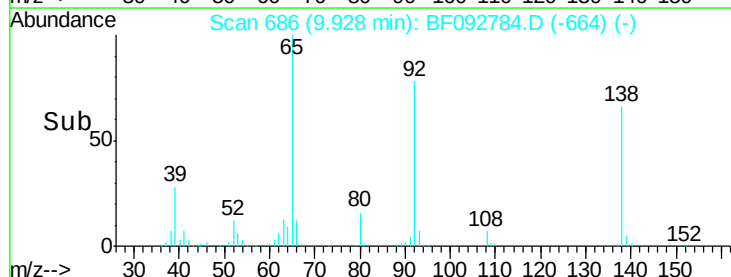
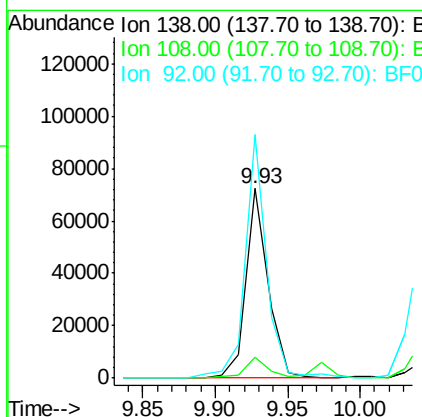
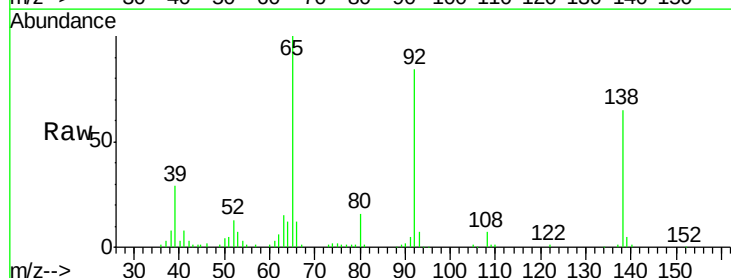
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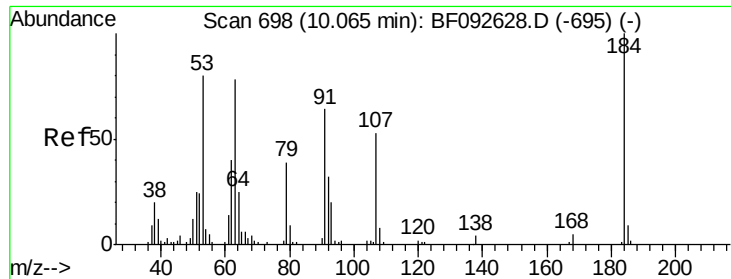
mohammad
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#52
3-Nitroaniline
Concen: 14.67 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	76852		
108	10.9	8.5	12.7	
92	128.6	97.8	146.8	





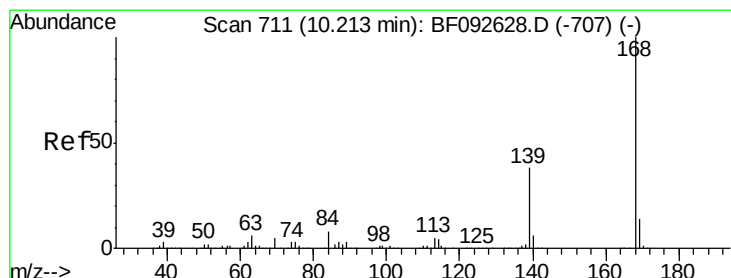
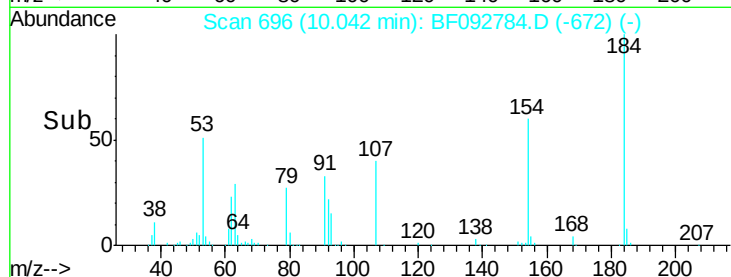
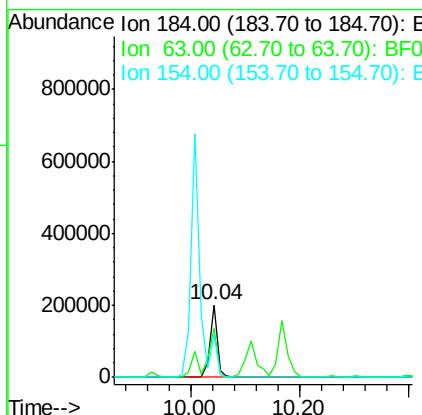
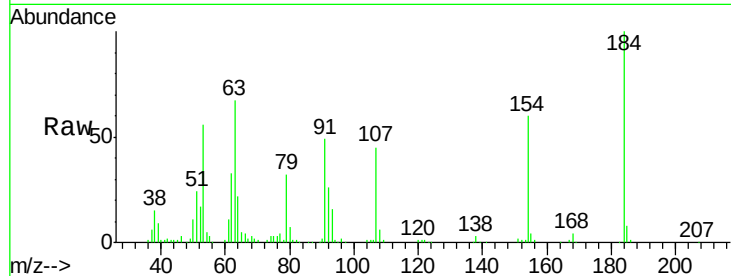
#53
2,4-Dinitrophenol
Concen: 82.45 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	192331		
63	67.5	28.4	42.6#	
154	59.8	44.3	66.5	

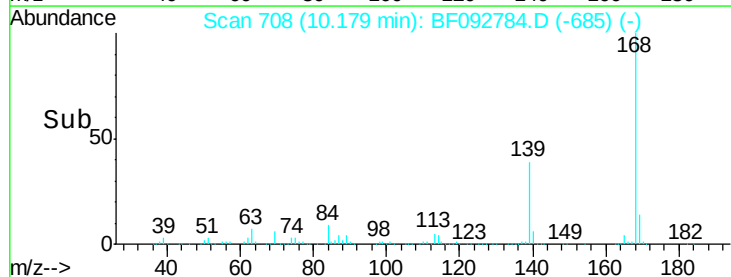
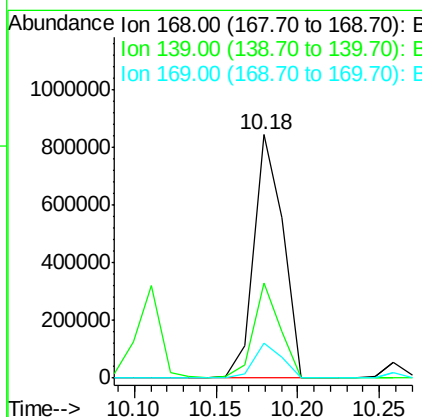
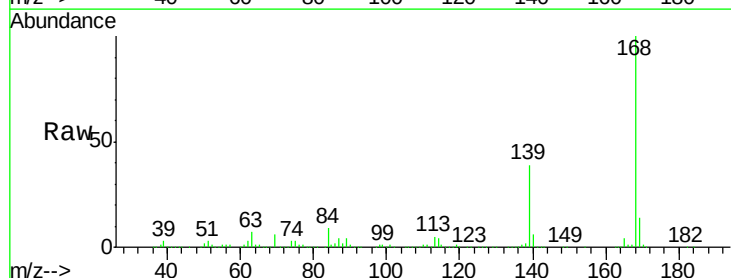
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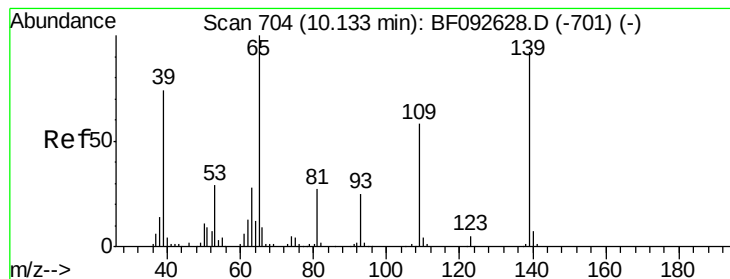
mohammad
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#54
Dibenzofuran
Concen: 42.57 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1048149		
139	39.2	32.6	49.0	
169	14.3	11.3	16.9	





#55

4-Nitrophenol

Concen: 88.85 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

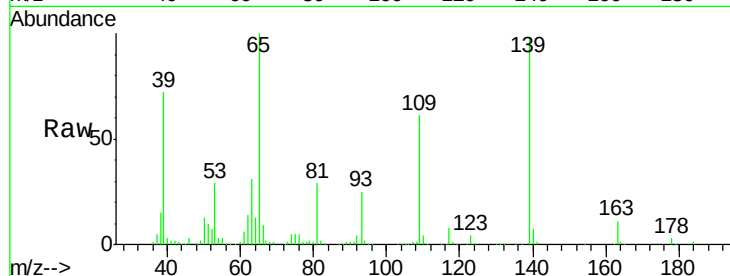
ClientSampleId :

PB96697BS

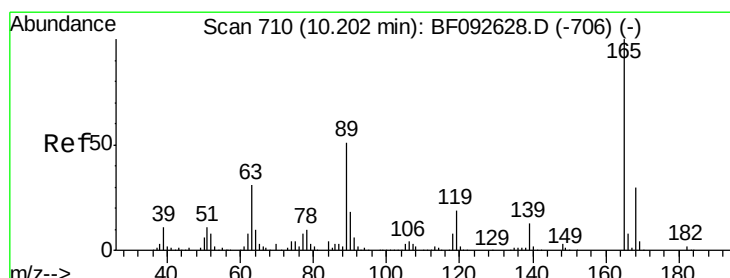
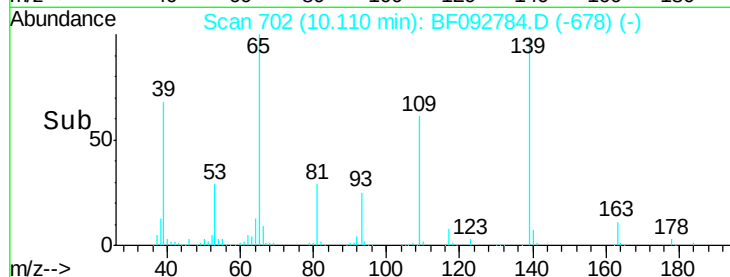
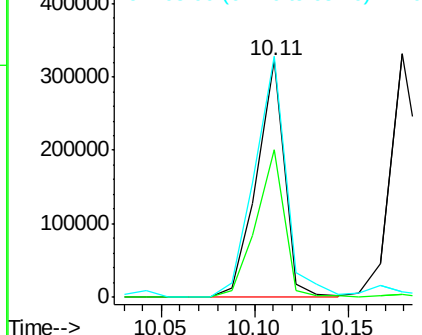
Tgt Ion:	139	Resp:	335187
Ion Ratio	Lower	Upper	
139	100		
109	62.5	52.2	92.2
65	101.6	85.8	125.8

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



#56

2,4-Dinitrotoluene

Concen: 42.52 ng

RT: 10.17 min Scan# 707

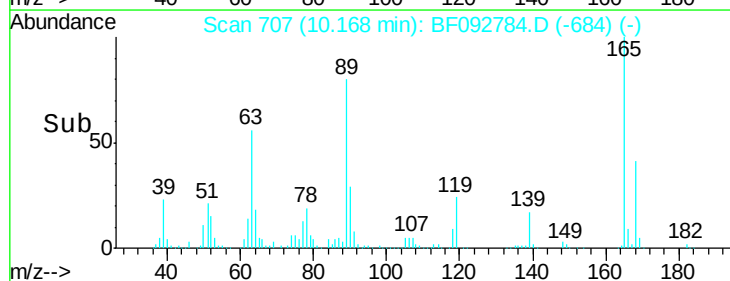
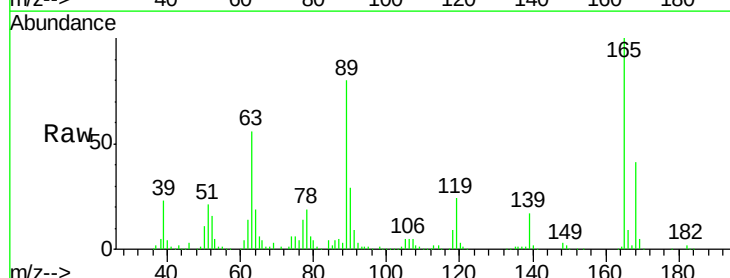
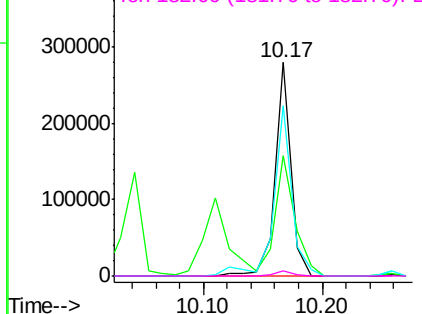
Delta R.T. -0.03 min

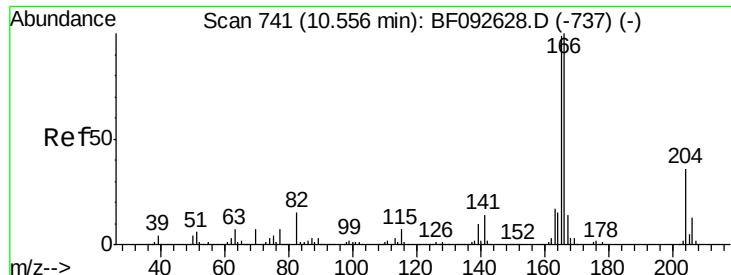
Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	165	Resp:	259123
Ion Ratio	Lower	Upper	
165	100		
63	56.2	40.2	60.4
89	79.5	62.5	93.7
182	2.3	1.8	2.8

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





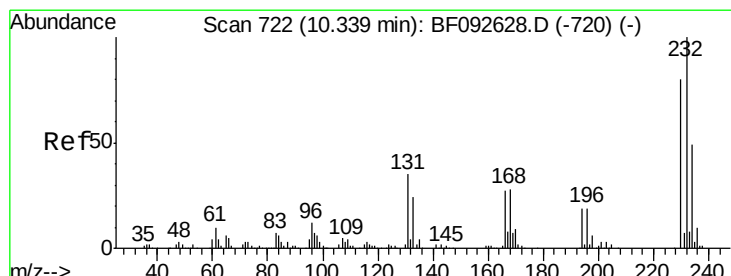
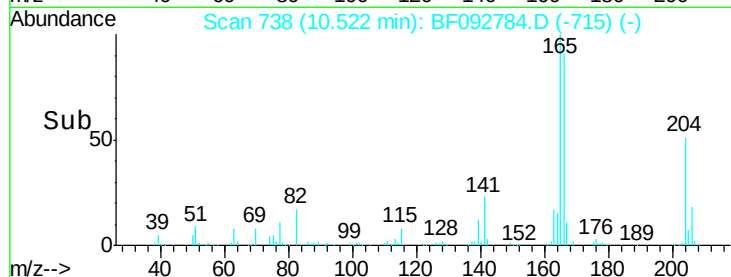
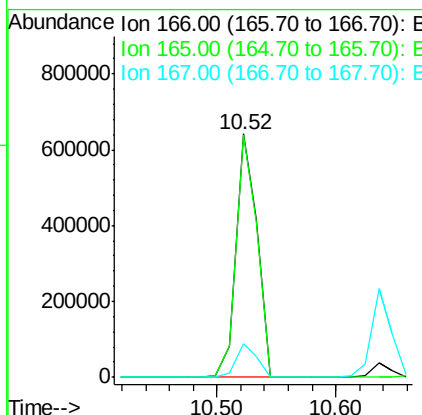
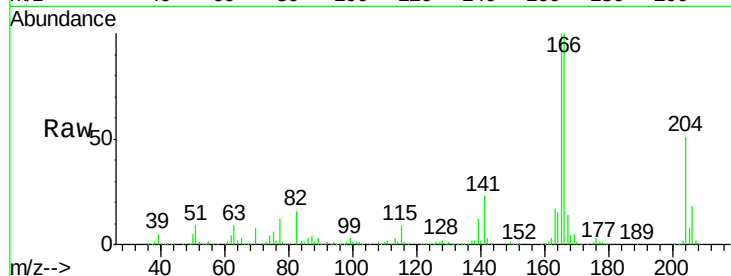
#57
Fluorene
Concen: 41.53 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	786632		
165	99.5	77.8	116.8	
167	13.7	10.8	16.2	

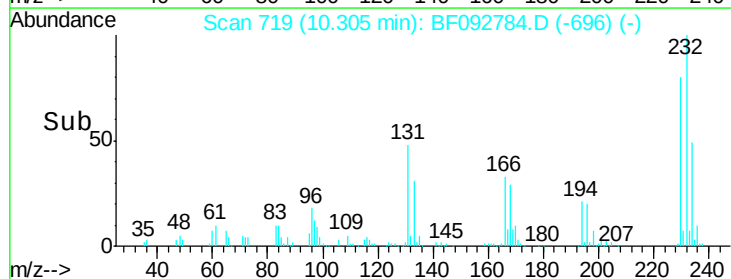
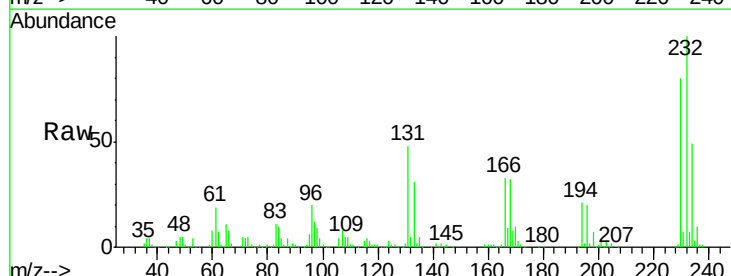
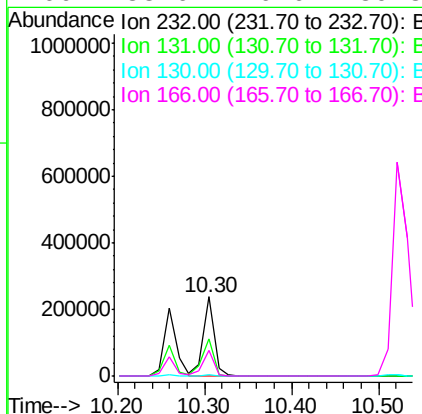
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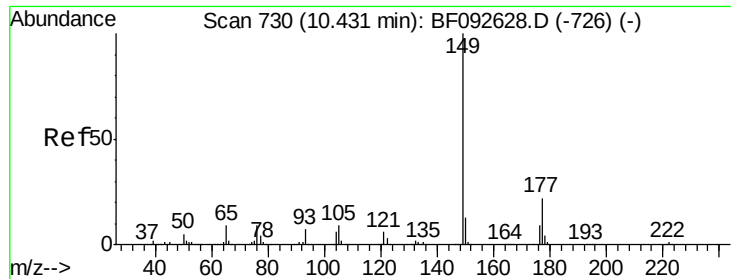
mohammad
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#58
2,3,4,6-Tetrachlorophenol
Concen: 49.06 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	208108		
131	50.3	40.1	60.1	
130	2.3	1.8	2.8	
166	33.6	26.6	39.8	





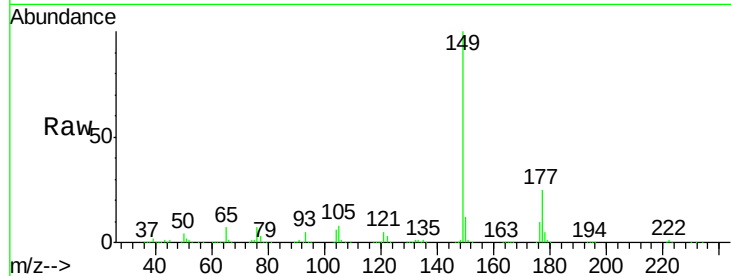
#59
Diethylphthalate
Concen: 46.95 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

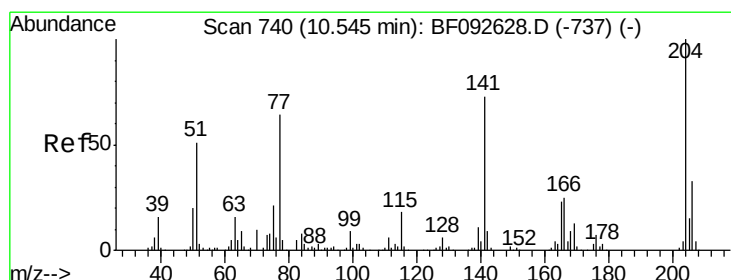
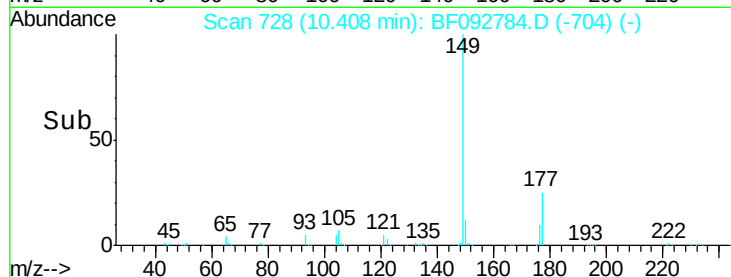
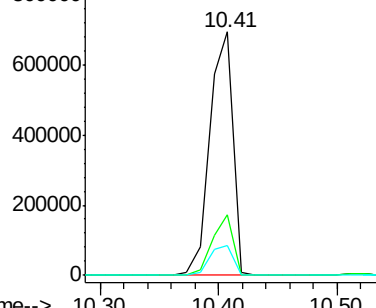
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	937830		
177	24.8	16.6	25.0	
150	12.0	10.4	15.6	

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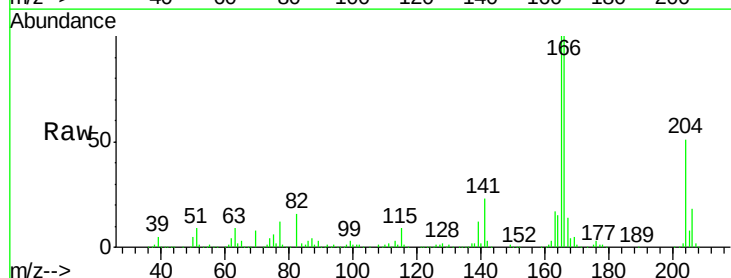


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

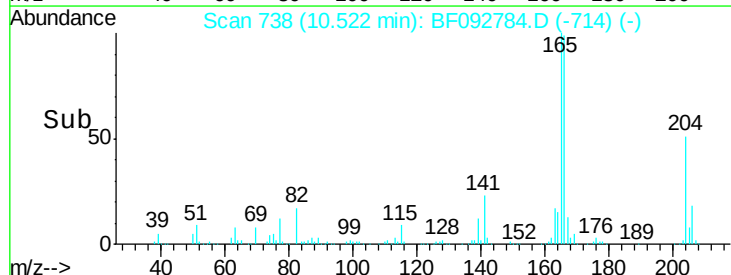
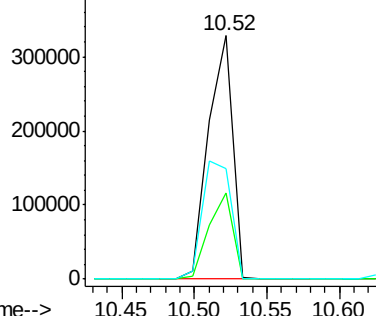


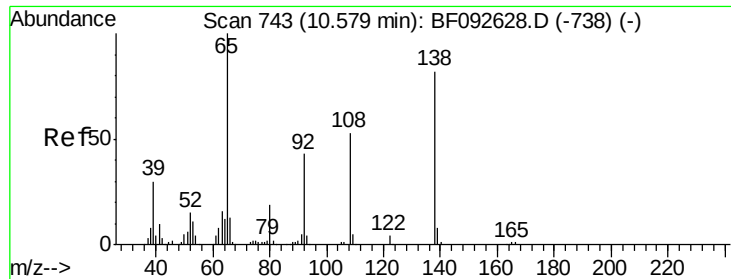
#60
4-Chlorophenyl-phenylether
Concen: 42.01 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	382355		
206	35.3	25.8	38.6	
141	45.6	59.4	89.0#	



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: 47.75 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

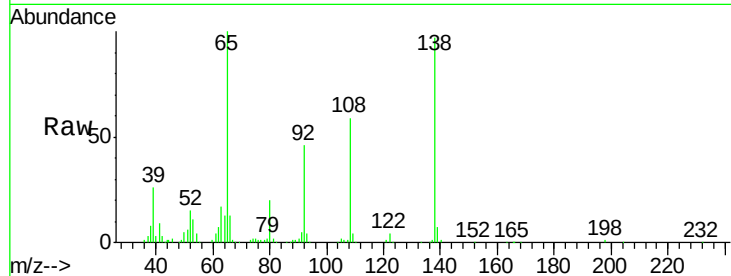
ClientSampleId :

PB96697BS

Tgt Ion:	138	Resp:	256175
Ion Ratio	Lower	Upper	
138	100		
92	48.0	31.7	71.7
108	61.0	52.6	92.6

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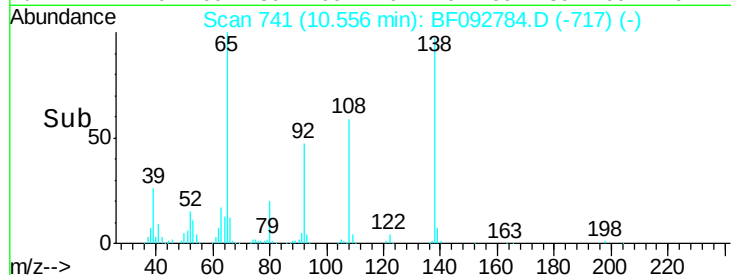


Abundance Ion 138.00 (137.70 to 138.70): E

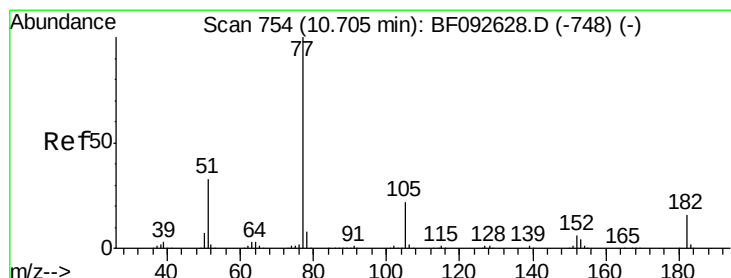
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 53.38 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	77	Resp:	1101405
Ion Ratio	Lower	Upper	
77	100		
182	28.0	0.0	39.3
105	25.6	2.3	42.3
51	29.8	8.9	48.9

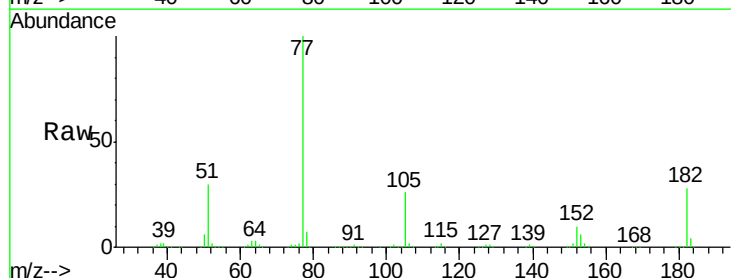
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

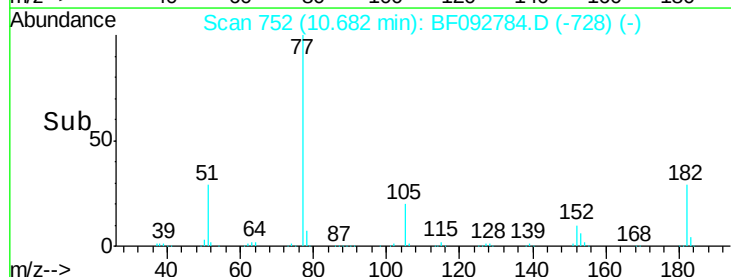
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

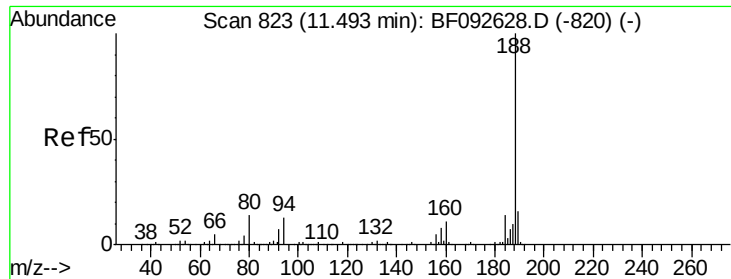
Time-->



Time-->



Time-->



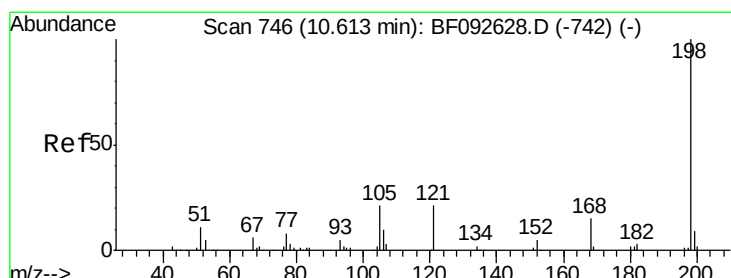
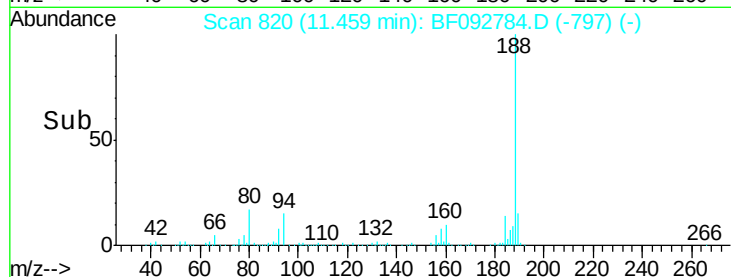
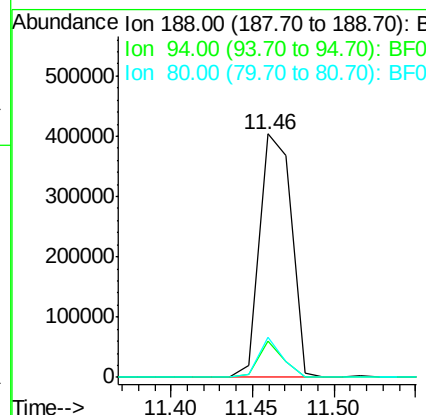
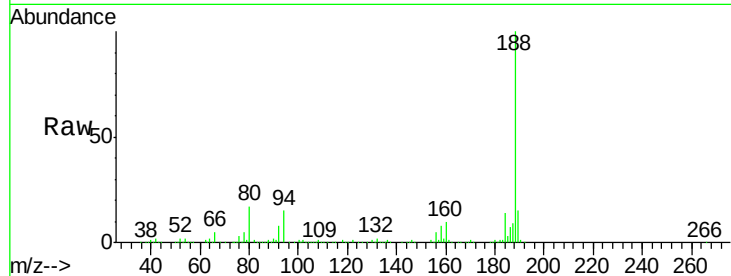
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	550072		
94	14.7	10.0	15.0	
80	16.6	11.2	16.8	

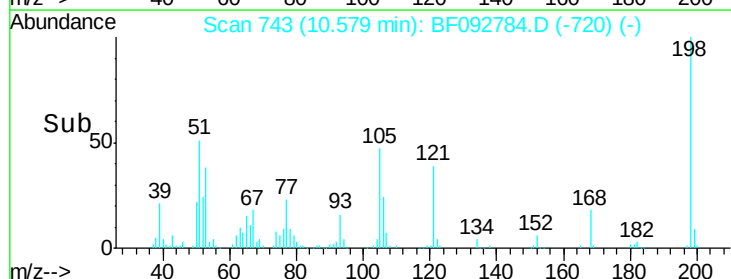
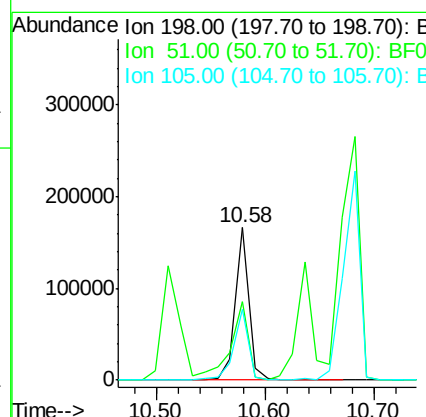
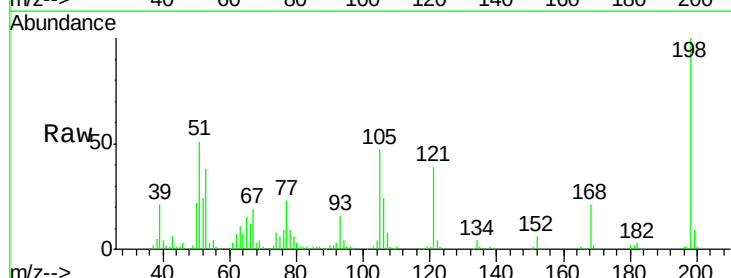
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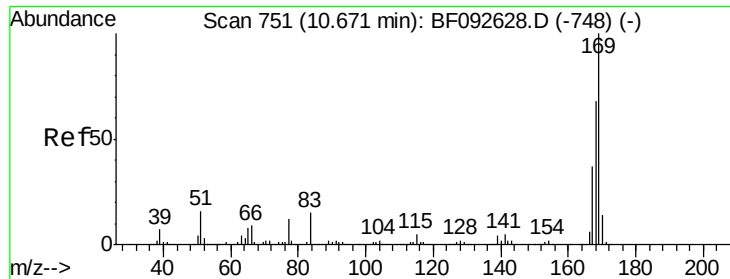
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.91 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142661		
51	51.1	6.7	46.7#	
105	46.5	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 40.94 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

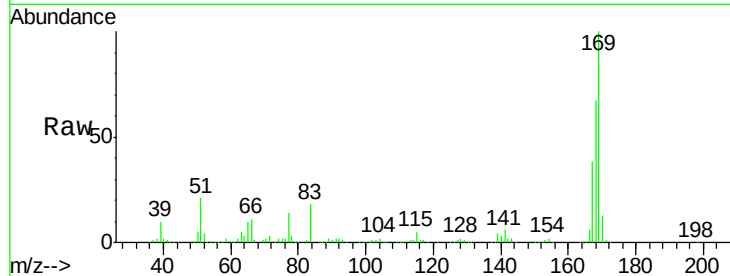
ClientSampleId :

PB96697BS

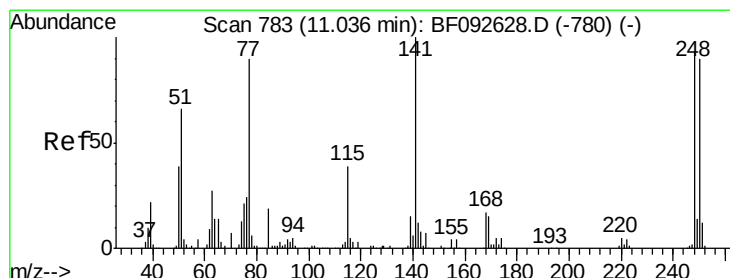
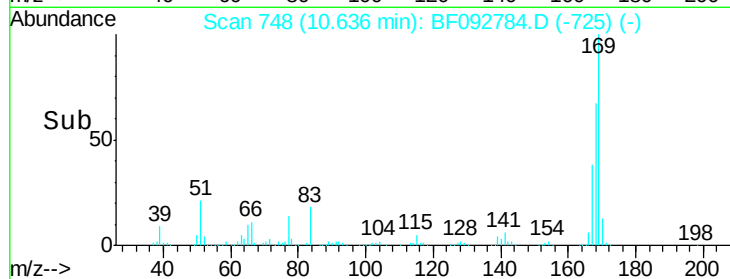
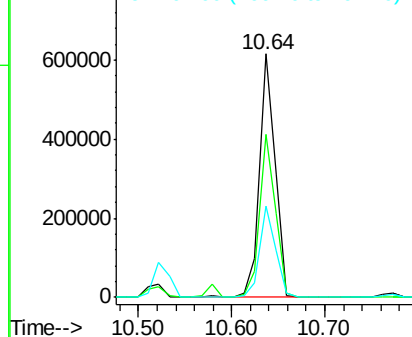
Tgt Ion:	169	Resp:	719430
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.2
167	37.8	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 41.37 ng

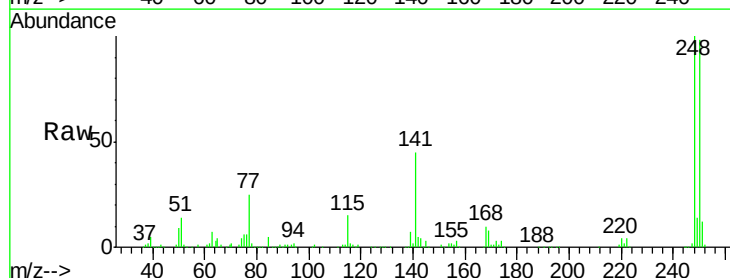
RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

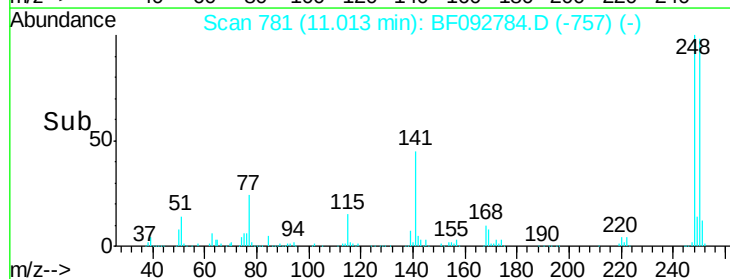
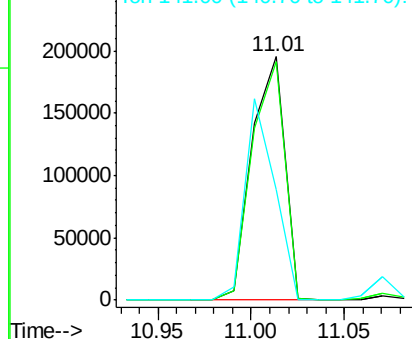
Lab File: BF092784.D

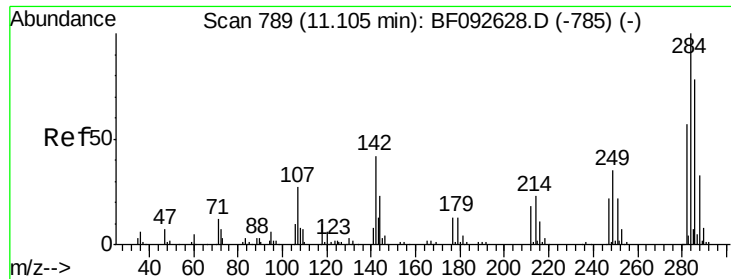
Acq: 3 Feb 2017 19:21

Tgt Ion:	248	Resp:	237739
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	45.2	68.2	102.4#



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





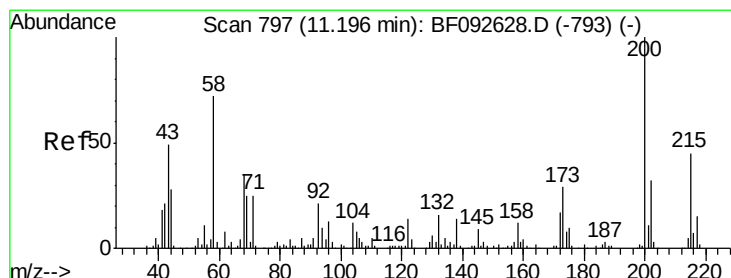
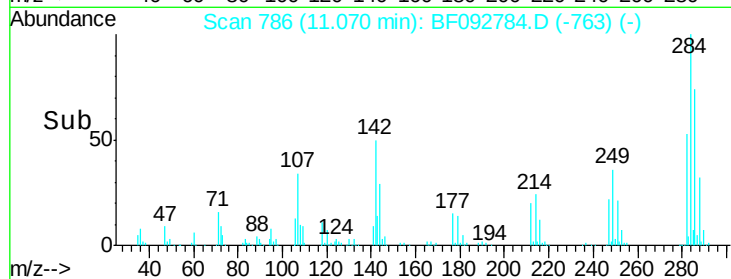
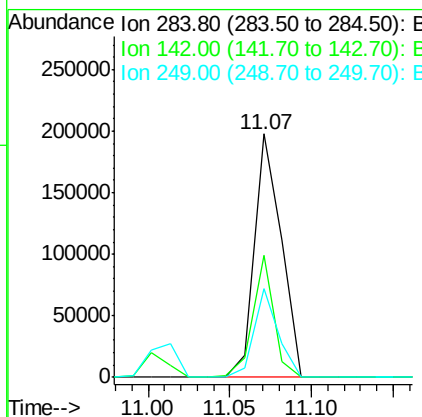
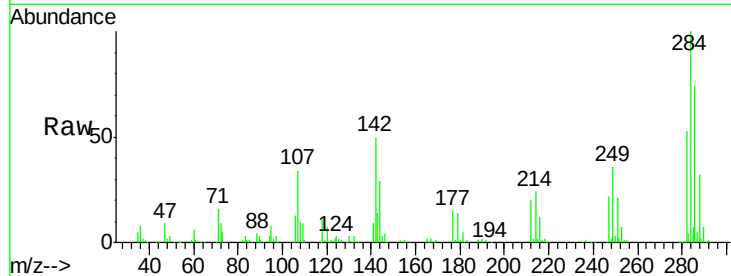
#67
Hexachlorobenzene
Concen: 39.67 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	225309		
142	50.0	22.6	33.8#	
249	36.4	25.4	38.0	

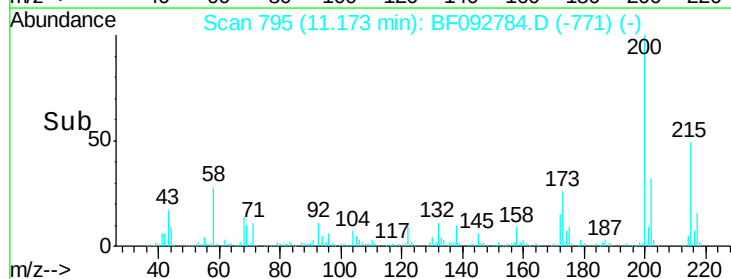
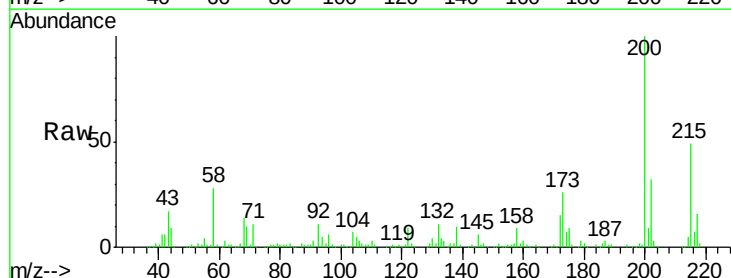
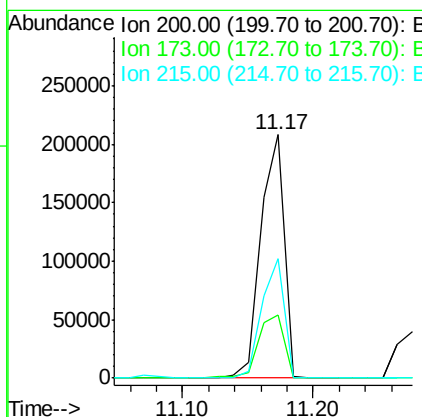
Manual Integrations
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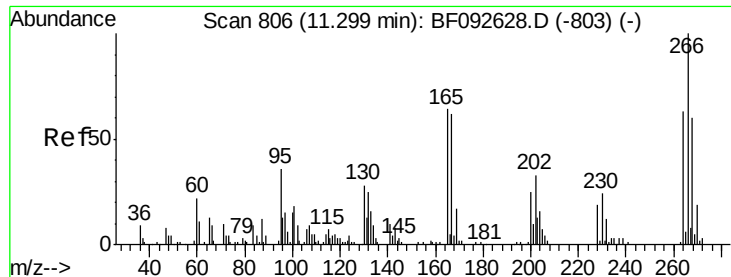
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#68
Atrazine
Concen: 46.40 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	261680		
173	25.7	9.6	49.6	
215	48.9	25.7	65.7	





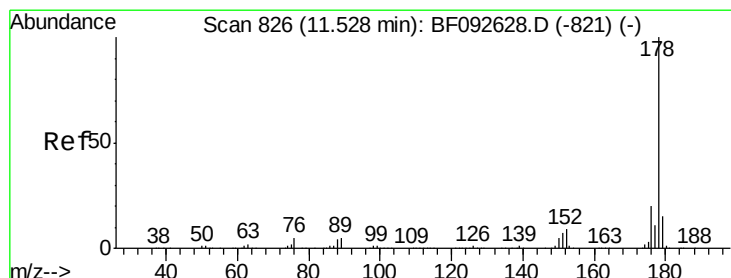
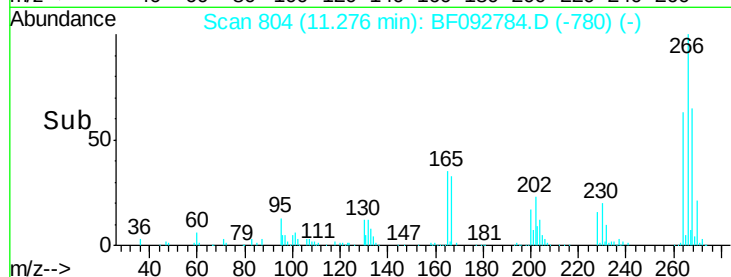
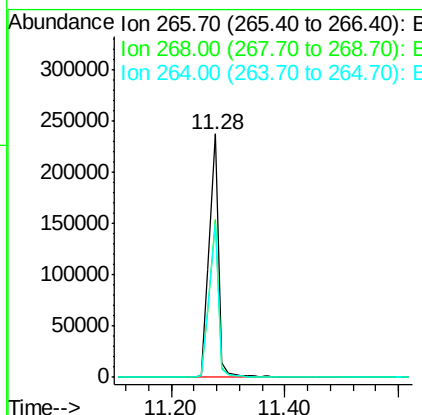
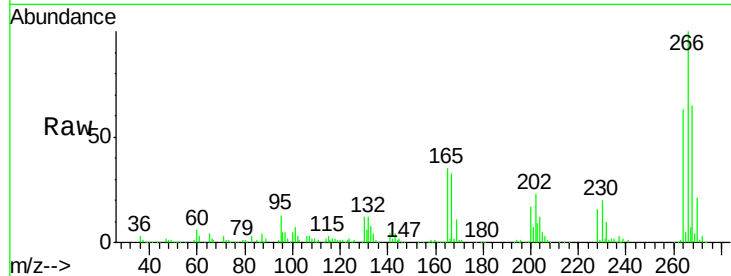
#69
 Pentachlorophenol
 Concen: 87.69 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	259304		
268	64.7	53.3	79.9	
264	63.3	50.3	75.5	

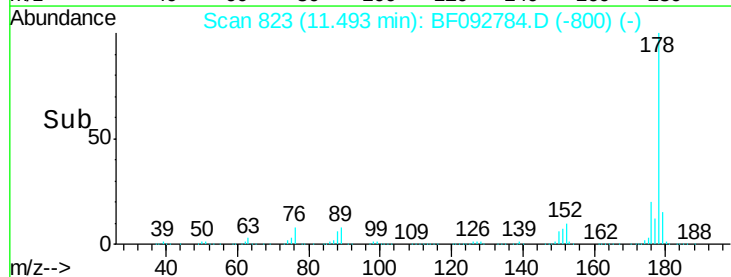
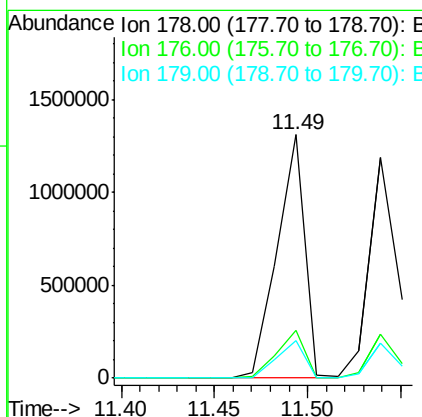
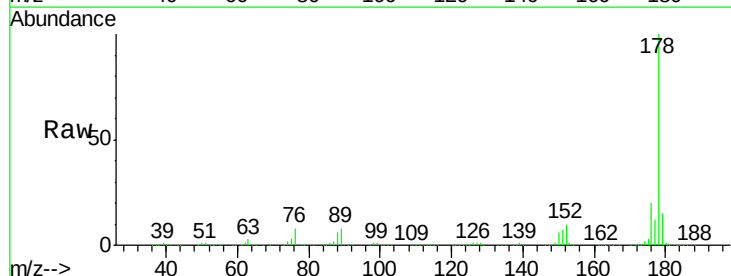
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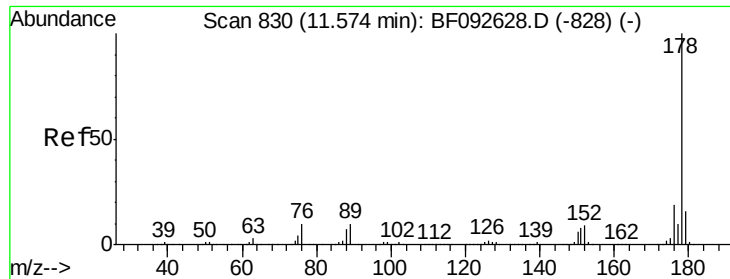
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#70
 Phenanthrene
 Concen: 42.98 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1354378		
176	19.8	16.6	25.0	
179	15.4	12.8	19.2	





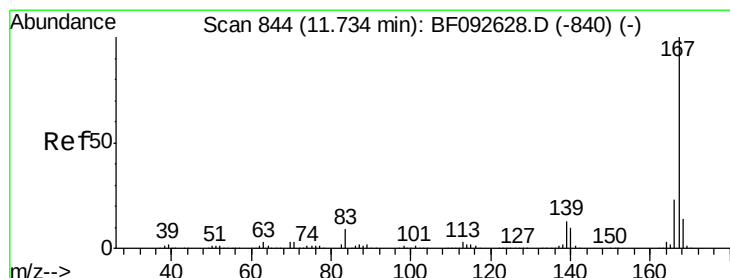
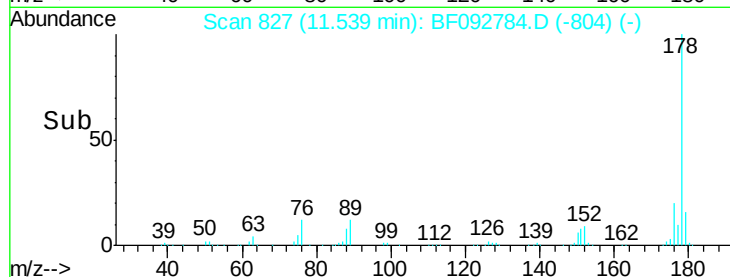
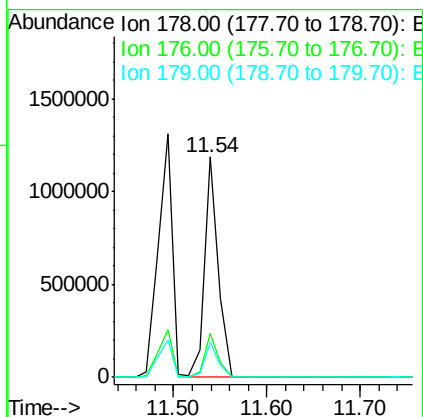
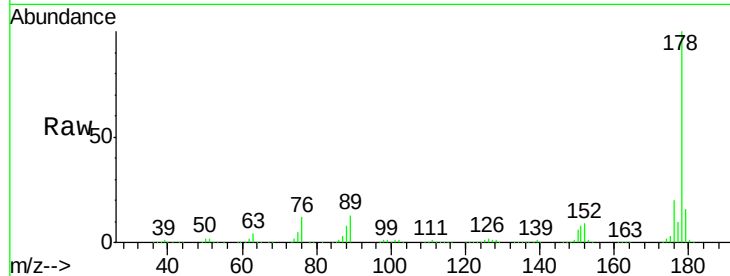
#71
 Anthracene
 Concen: 38.35 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion:178 Resp: 1213556
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.8 13.2 19.8

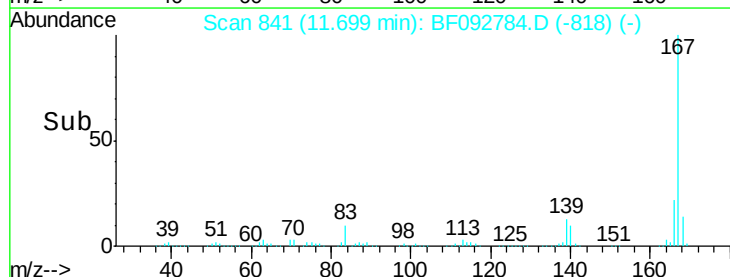
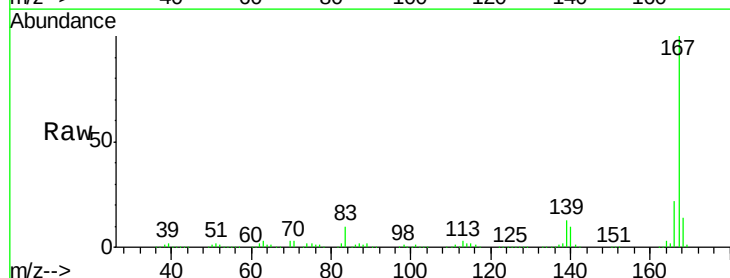
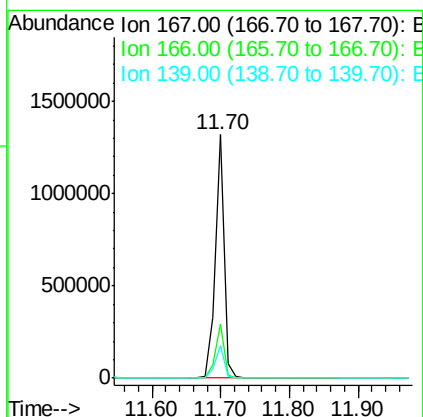
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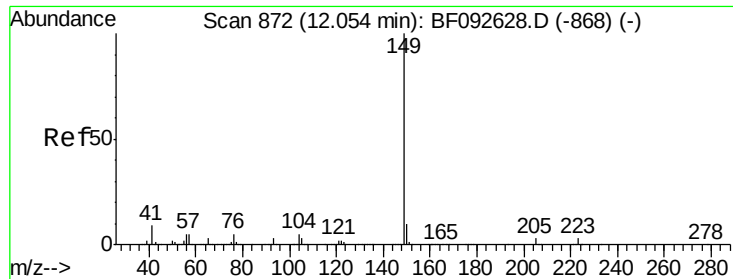
mohammad
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#72
 Carbazole
 Concen: 39.90 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion:167 Resp: 1206967
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.79 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

Tgt Ion:149 Resp: 1530998

Ion Ratio Lower Upper

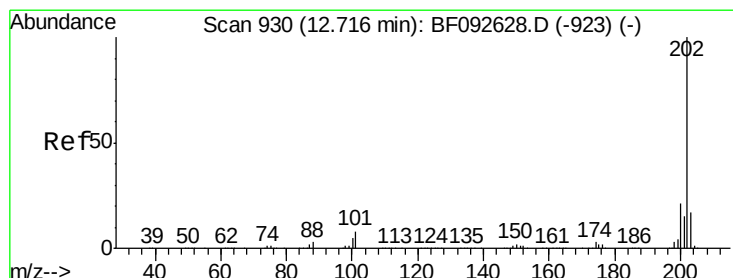
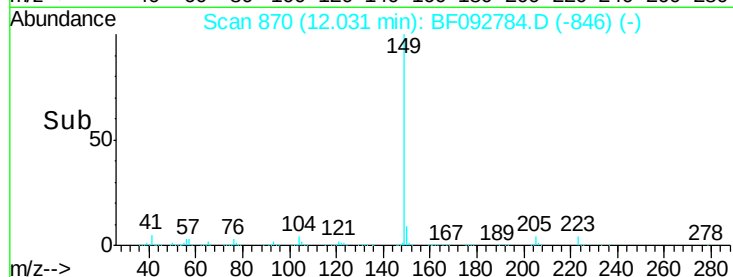
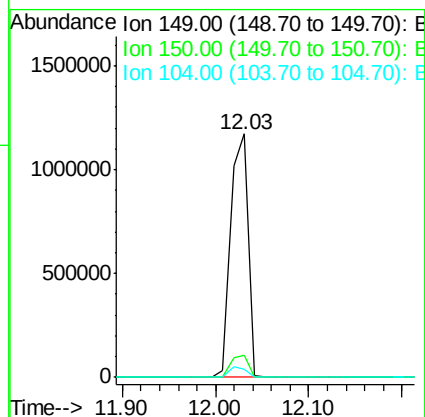
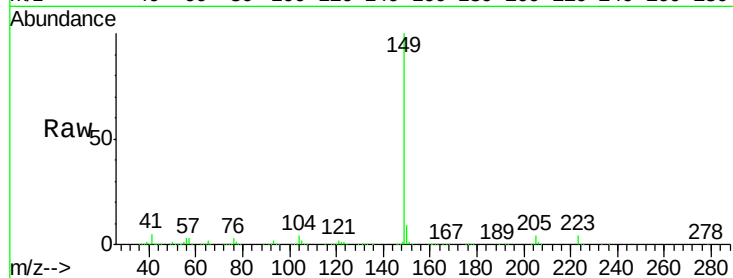
149 100

150 9.1 8.1 12.1

104 3.6 4.6 7.0#

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#74

Fluoranthene

Concen: 38.98 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

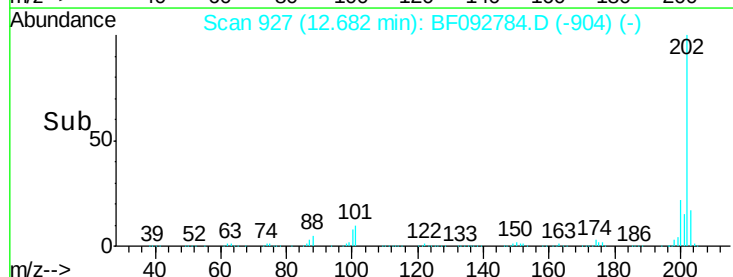
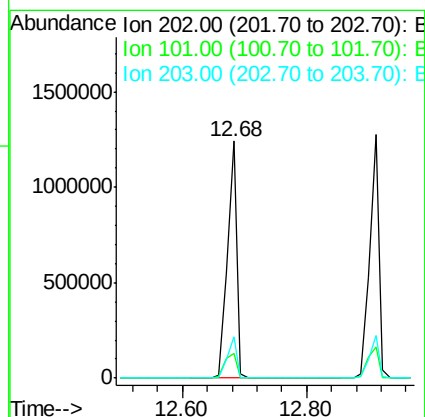
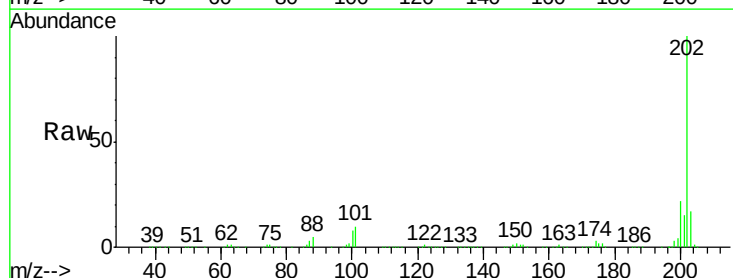
Tgt Ion:202 Resp: 1267116

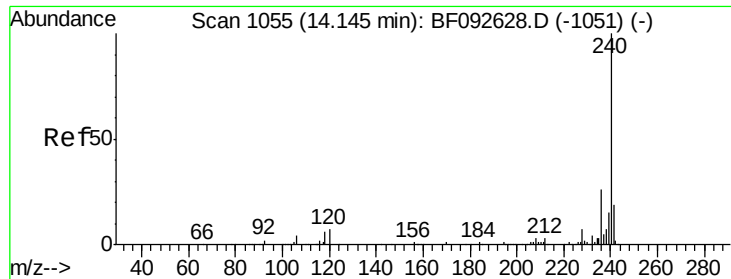
Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.6

203 17.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

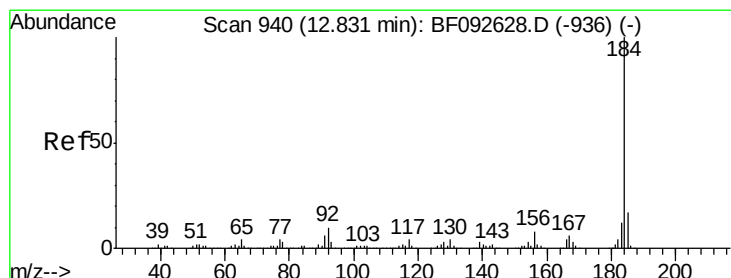
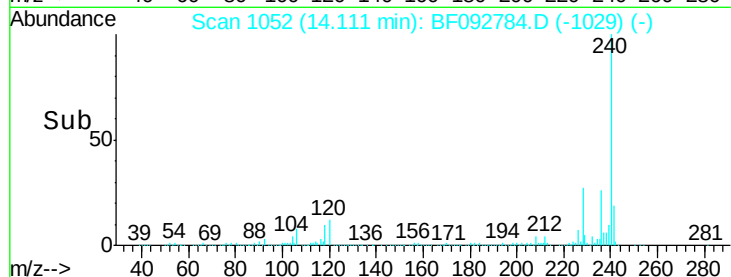
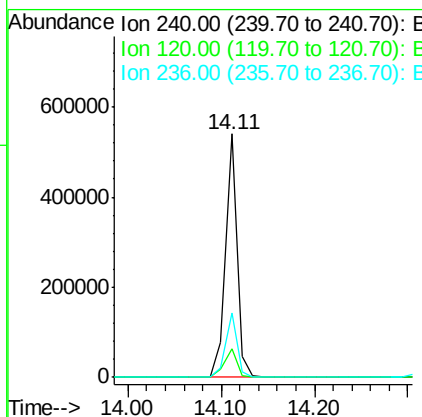
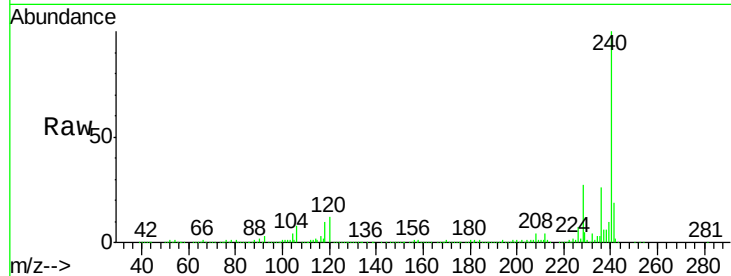
ClientSampleId :

PB96697BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.9	19.3#
236	26.2	20.9	31.3

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#76

Benzidine

Concen: 20.49 ng

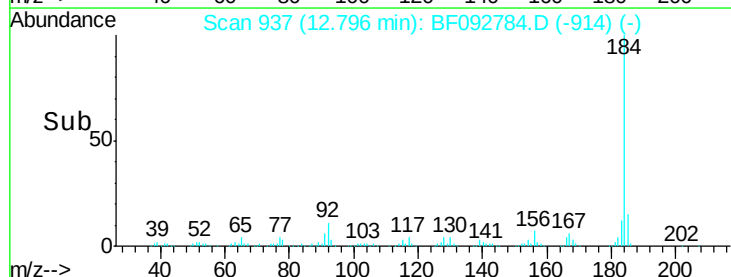
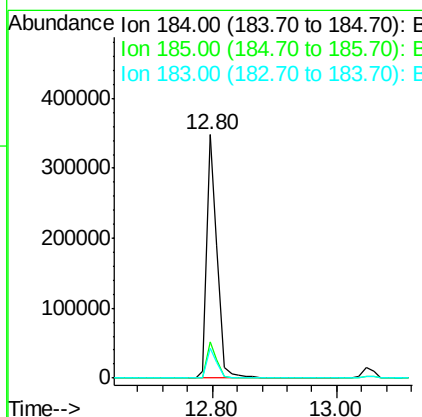
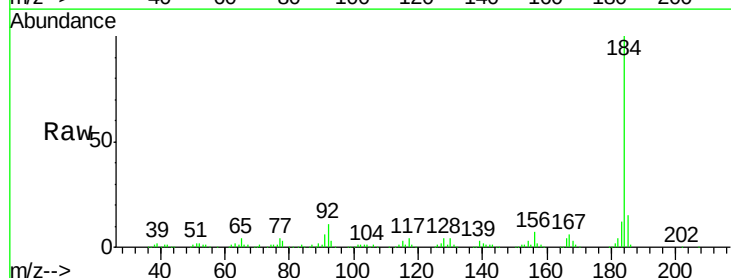
RT: 12.80 min Scan# 937

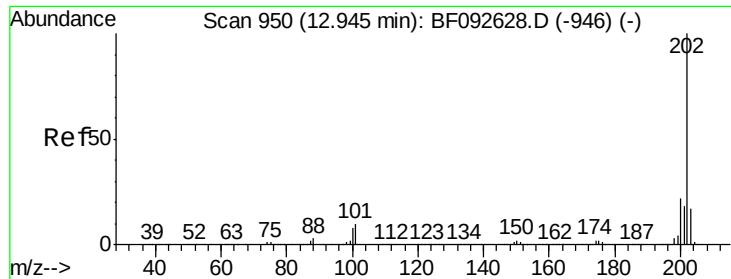
Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.0
183	12.1	9.2	13.8





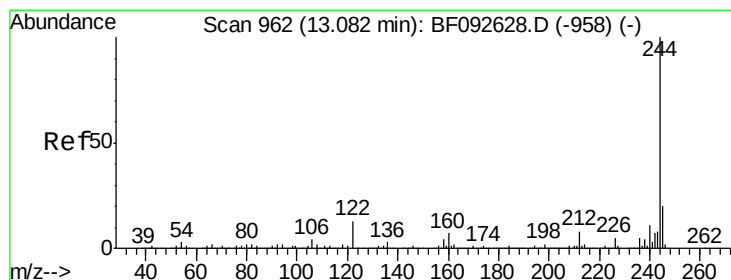
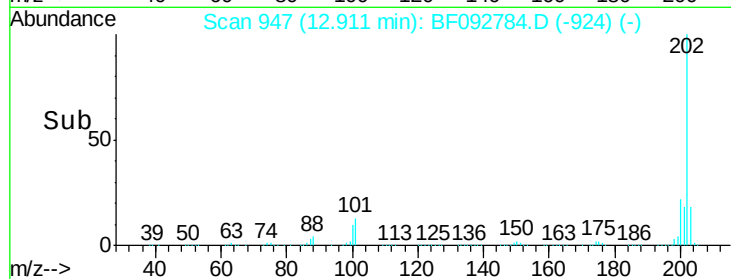
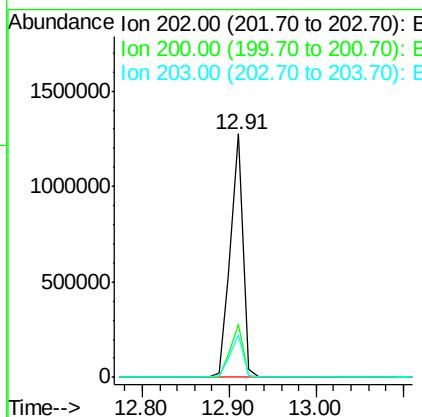
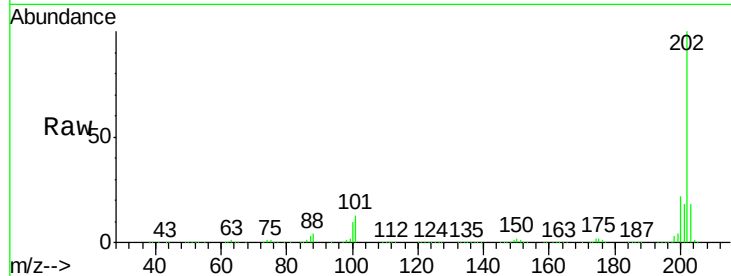
#77
Pyrene
 Concen: 37.25 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.7	14.7	22.1

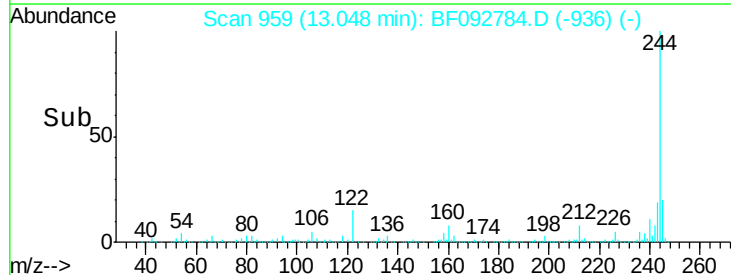
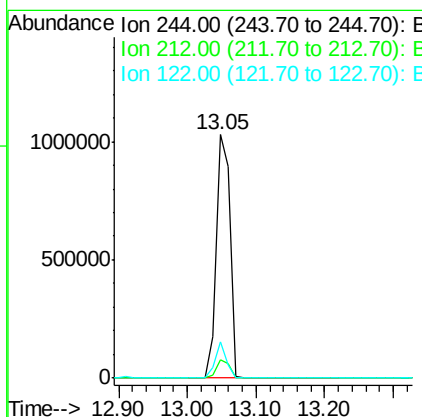
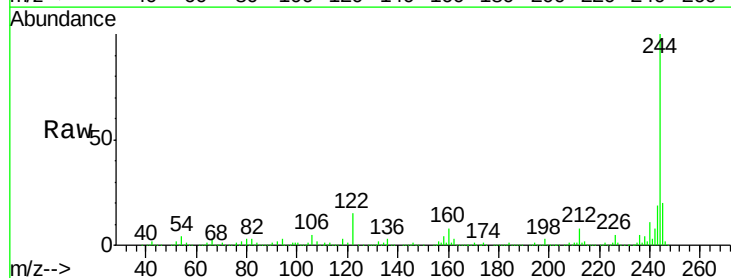
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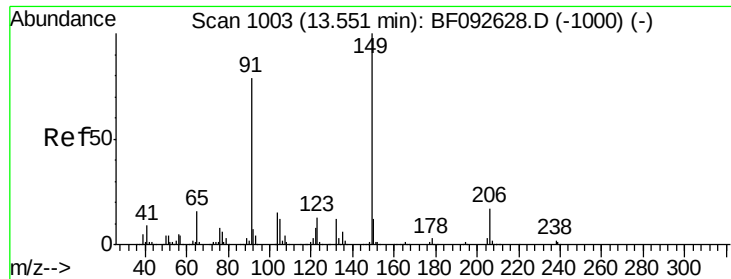
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#78
Terphenyl-d14
 Concen: 74.14 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.9	11.4	17.2





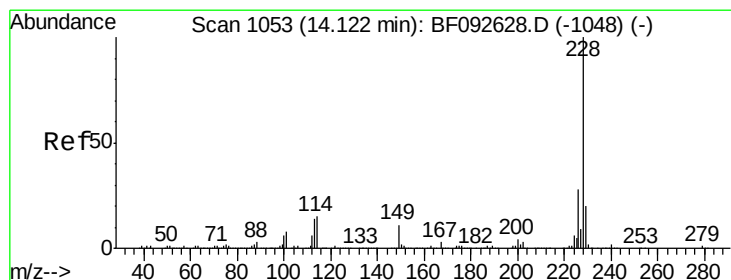
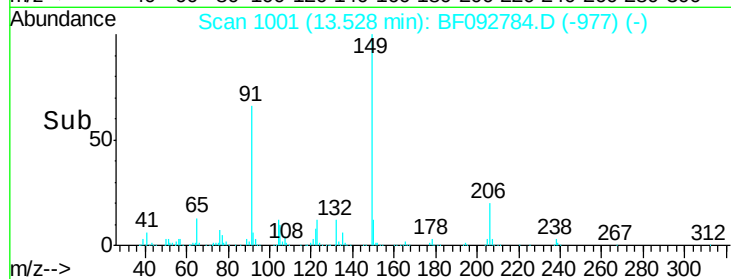
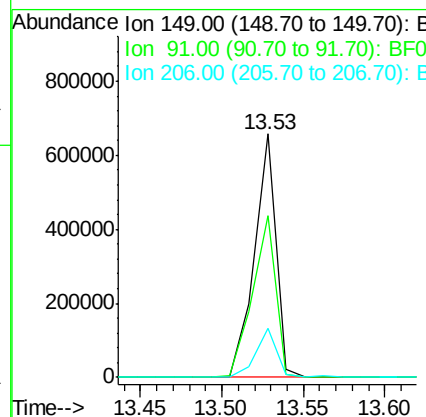
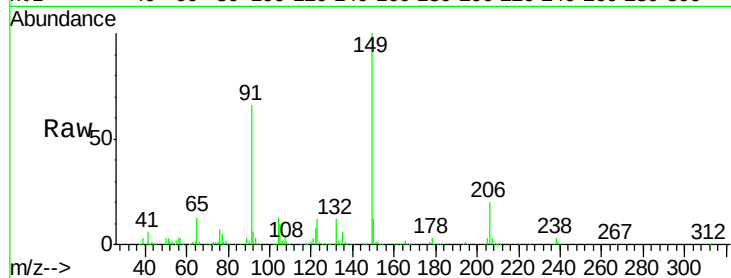
#79
Butylbenzylphthalate
Concen: 43.14 ng
RT: 13.53 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.4	63.9	95.9
206	20.0	14.6	21.8

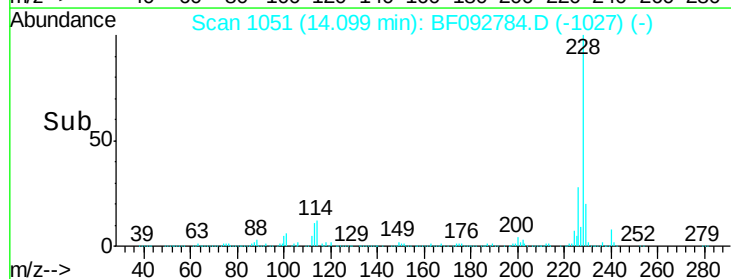
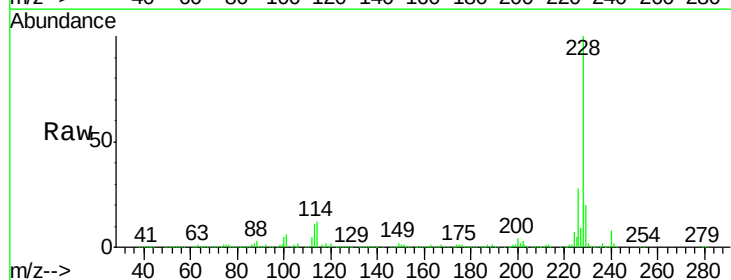
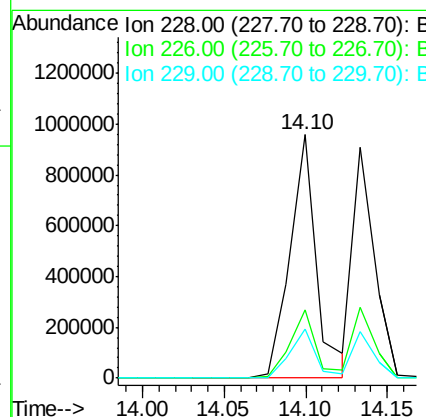
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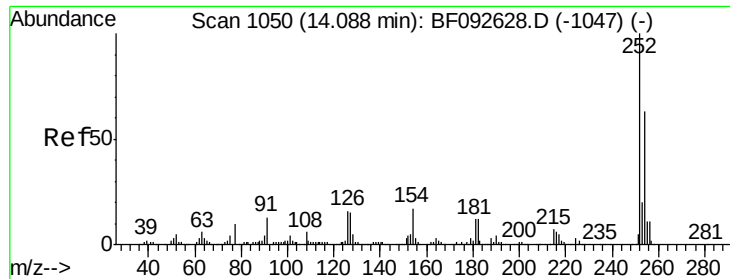
mohammad
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#80
Benzo(a)anthracene
Concen: 38.61 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.9	16.2	24.4





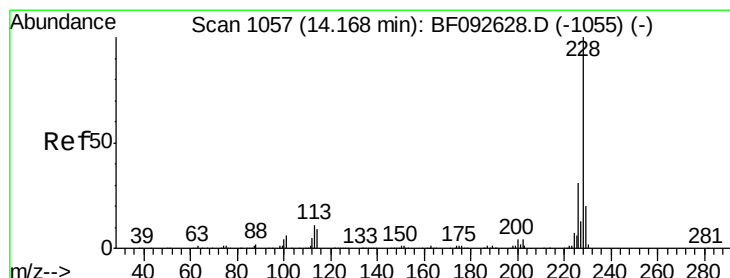
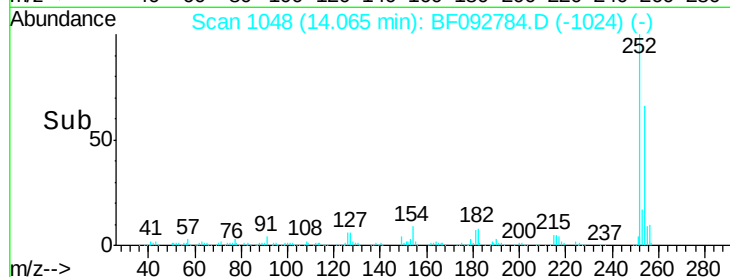
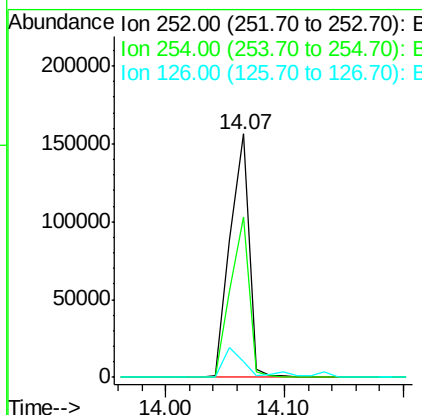
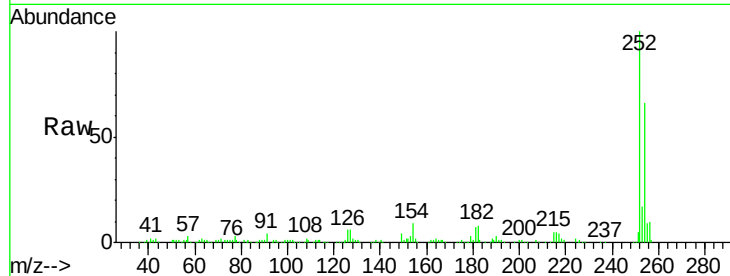
#81
 3,3'-Dichlorobenzidine
 Concen: 17.35 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	174457		
254	66.0	52.3	78.5	
126	6.4	13.6	20.4	

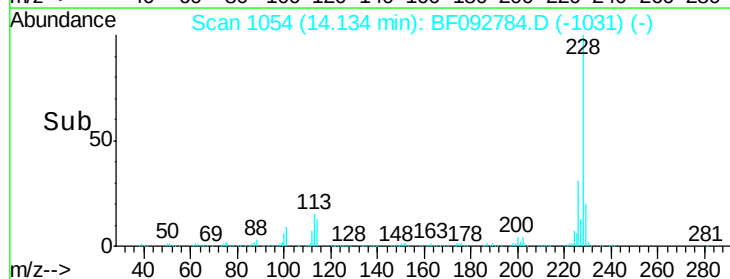
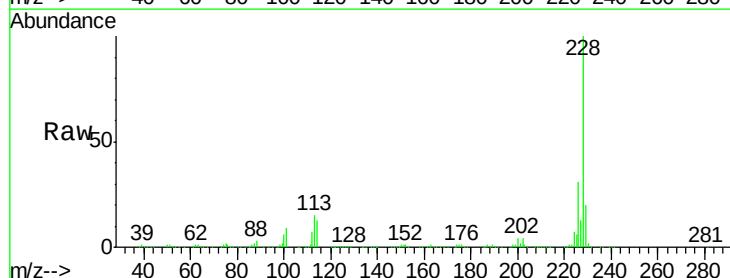
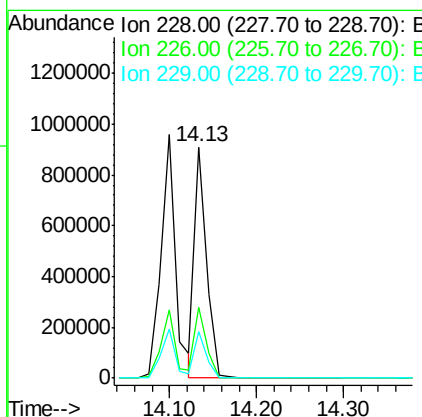
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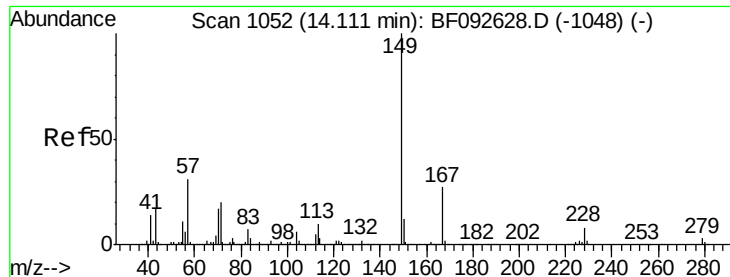
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#82
 Chrysene
 Concen: 32.76 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	864907		
226	30.9	25.4	38.0	
229	20.0	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.37 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

ClientSampleId :

PB96697BS

Tgt Ion:149 Resp: 792857
Ion Ratio Lower Upper

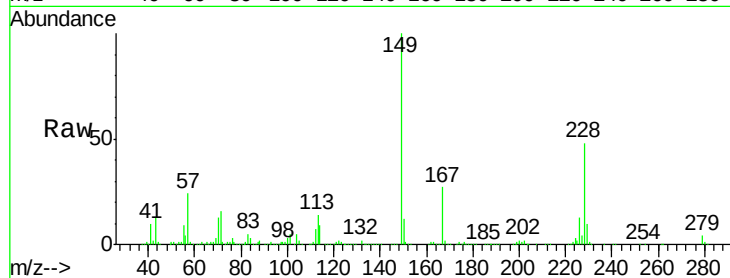
149 100

167 27.3 20.2 30.4

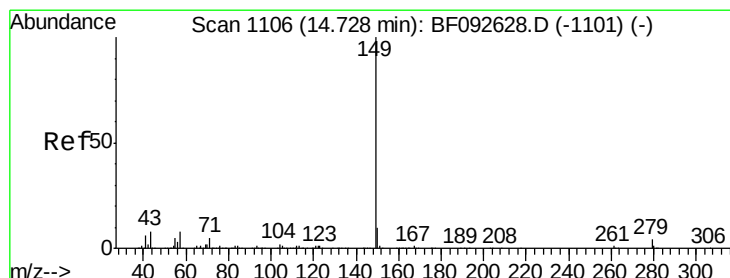
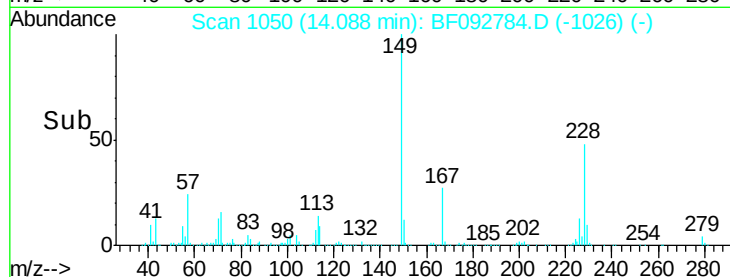
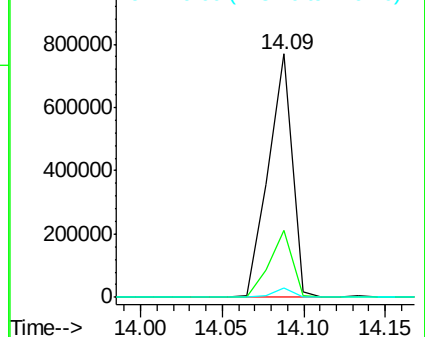
279 4.0 1.8 2.8#

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



#84

Di-n-octyl phthalate

Concen: 43.70 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF092784.D

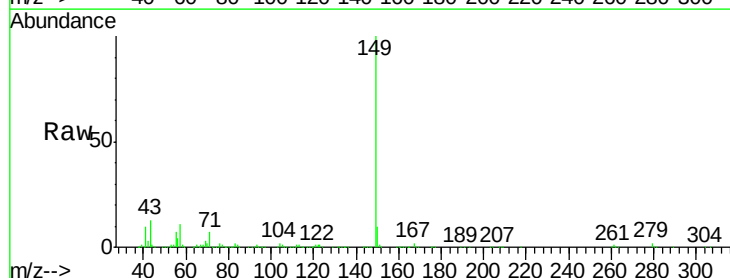
Acq: 3 Feb 2017 19:21

Tgt Ion:149 Resp: 1363621
Ion Ratio Lower Upper

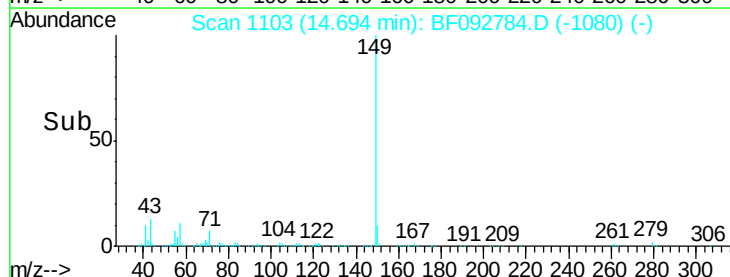
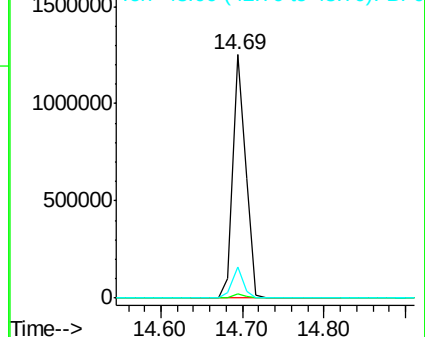
149 100

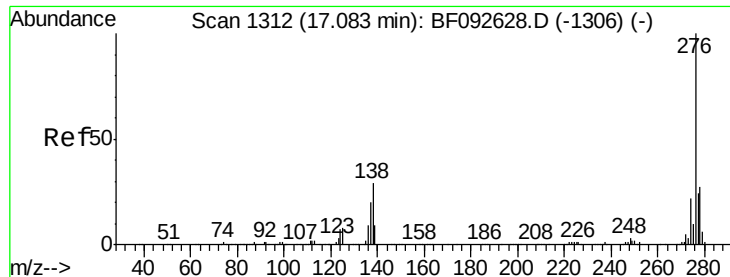
167 1.6 1.3 1.9

43 11.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





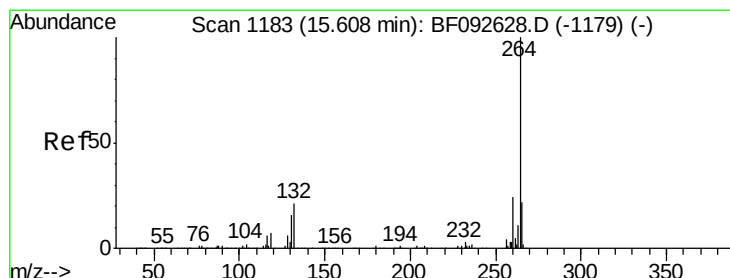
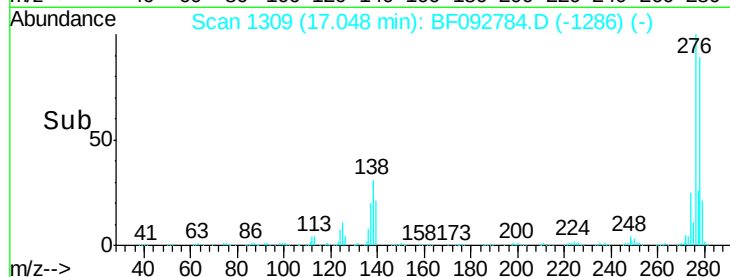
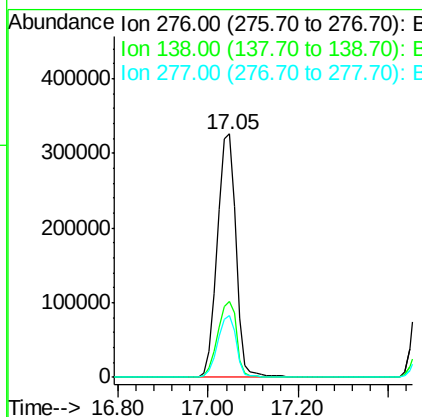
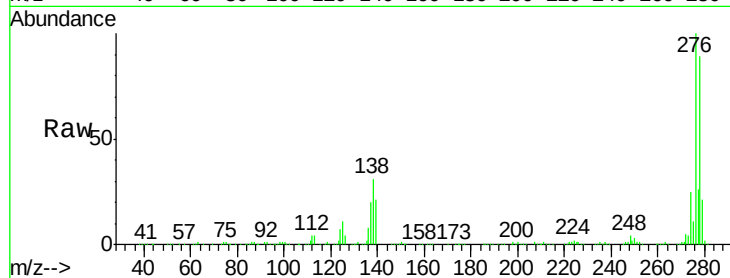
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.20 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	25.3	20.2	30.4

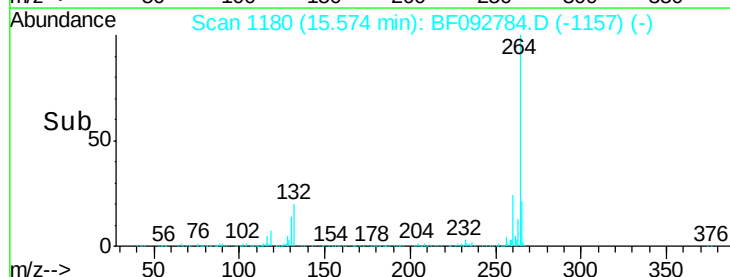
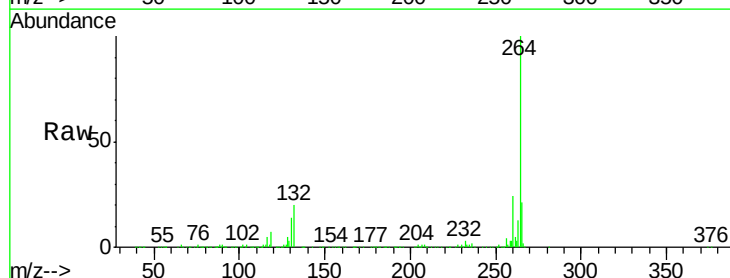
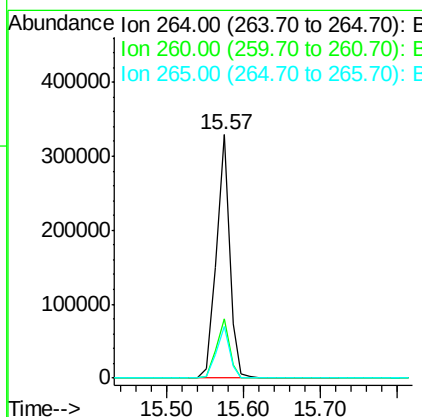
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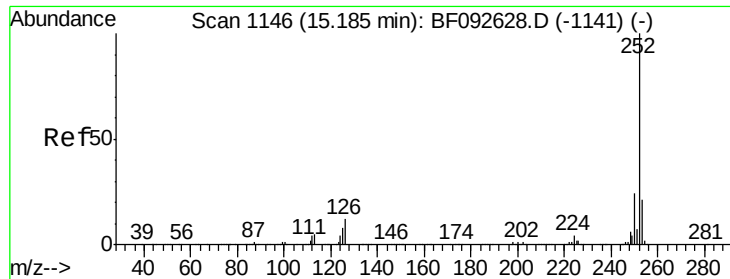
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.23 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Instrument :

BNA_F

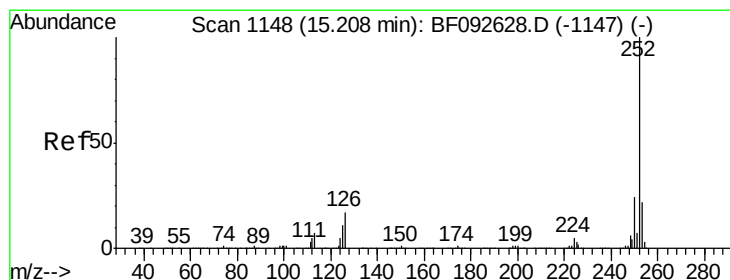
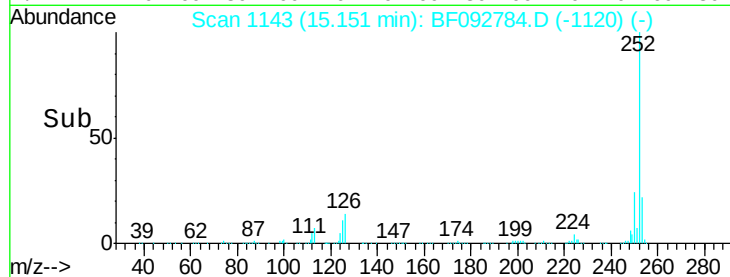
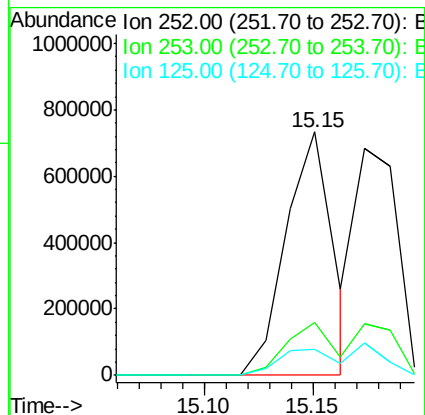
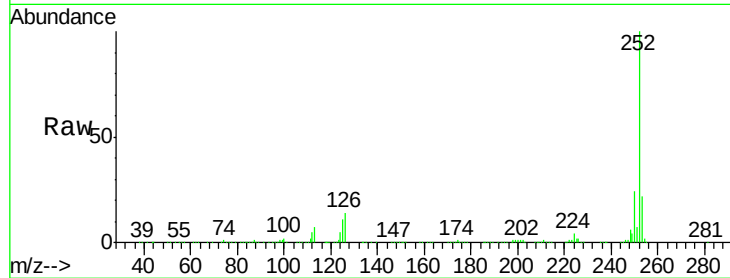
ClientSampleId :

PB96697BS

Tgt Ion:	252	Resp:	1099759
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.6	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 41.72 ng m

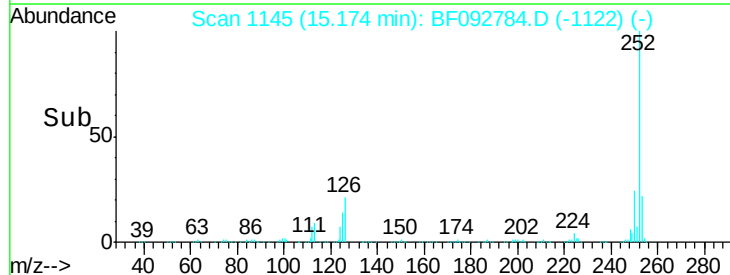
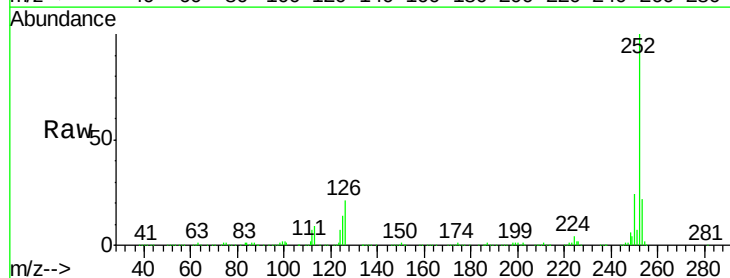
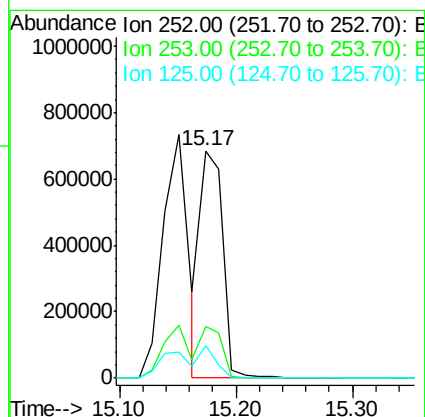
RT: 15.17 min Scan# 1145

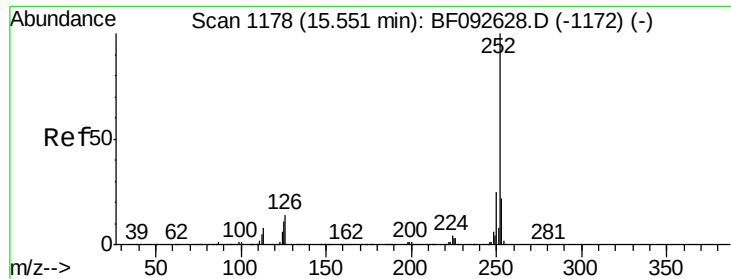
Delta R.T. -0.03 min

Lab File: BF092784.D

Acq: 3 Feb 2017 19:21

Tgt Ion:	252	Resp:	937995
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.0	8.9	13.3#





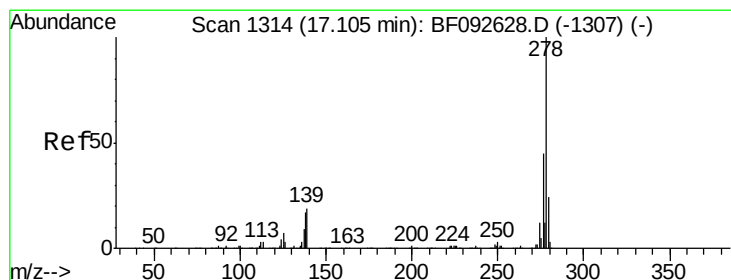
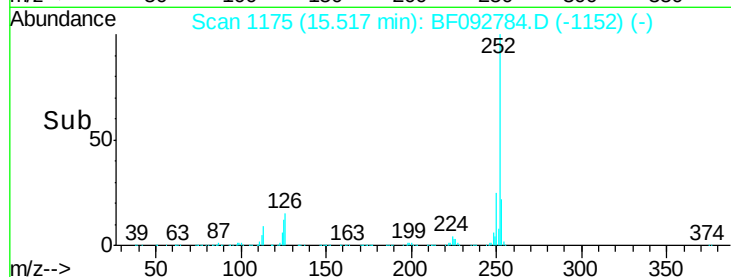
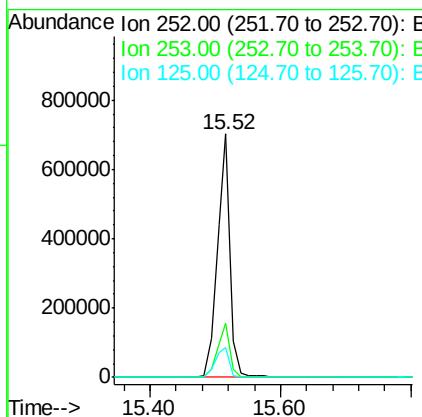
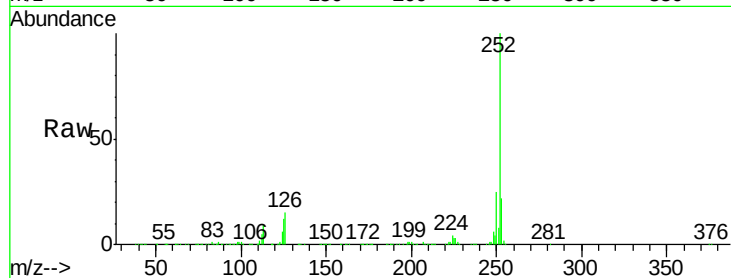
#89
Benzo(a)pyrene
Concen: 42.49 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Instrument :
BNA_F
ClientSampleId :
PB96697BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	957085		
253	22.1	18.2	27.2	
125	12.2	10.0	15.0	

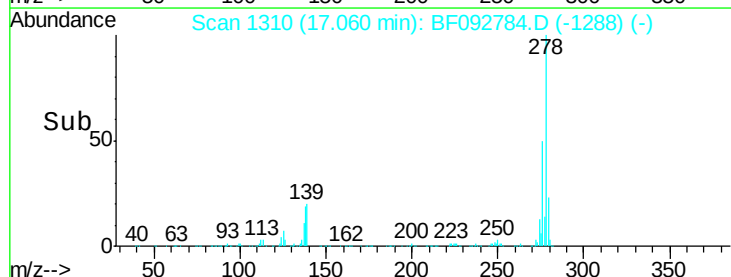
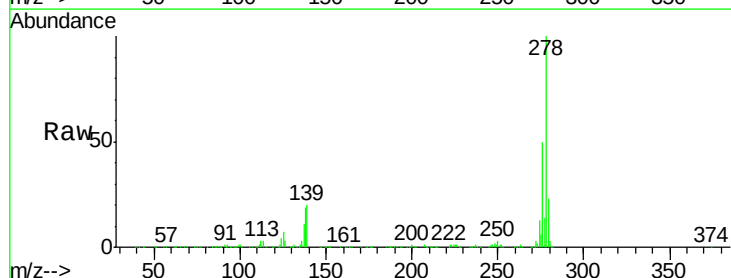
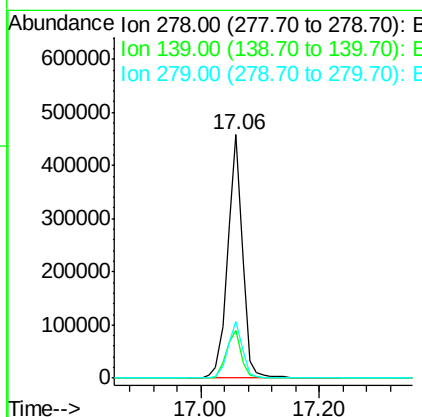
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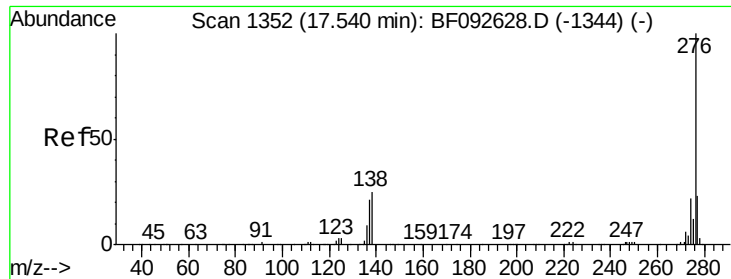
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.58 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF092784.D
Acq: 3 Feb 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	793379		
139	19.7	14.8	22.2	
279	23.4	19.8	29.6	





#91
 Benzo(g,h,i)perylene
 Concen: 43.18 ng
 RT: 17.49 min Scan# 1348
 Delta R.T. -0.05 min
 Lab File: BF092784.D
 Acq: 3 Feb 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB96697BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.2	28.8
138	24.6	16.0	24.0

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 2/6/2017 12:34:00 PM

