

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082972.D
 Acq On : 17 Nov 2015 18:08
 Operator : UM/IZ
 Sample : PB86421BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:25:06 AM

Quant Time: Nov 18 04:55:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 04:42:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177059	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	677143	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	354523	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	646529	20.00	ng	0.00
75) Chrysene-d12	13.92	240	542950	20.00	ng	0.00
86) Perylene-d12	15.31	264	484031	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1399642	123.00	ng	0.01
7) Phenol-d6	6.42	99	1839760	121.61	ng	0.00
23) Nitrobenzene-d5	7.32	82	1150002	73.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	399915	98.38	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	2002292	80.95	ng	0.00
78) Terphenyl-d14	12.86	244	1756948	76.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	188620	38.42	ng	97
3) Pyridine	3.04	79	578666	40.61	ng	97
4) n-Nitrosodimethylamine	2.99	42	264091	37.37	ng	# 71
6) Aniline	6.42	93	299420	14.10	ng	# 28
8) 2-Chlorophenol	6.54	128	481781	38.19	ng	82
9) Benzaldehyde	6.29	77	417360	49.94	ng	96
10) Phenol	6.43	94	820042	47.77	ng	81
11) bis(2-Chloroethyl)ether	6.50	93	565946	44.09	ng	87
12) 1,3-Dichlorobenzene	6.69	146	517678	36.39	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	567980	38.37	ng	95
14) 1,2-Dichlorobenzene	6.93	146	510398	37.91	ng	96
15) Benzyl Alcohol	6.91	79	515611	38.81	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	833982	44.29	ng	92
17) 2-Methylphenol	7.04	107	452511	42.35	ng	97
18) Hexachloroethane	7.28	117	200795	37.93	ng	# 74
19) n-Nitroso-di-n-propylamine	7.18	70	435788	39.19	ng	# 84
20) 3+4-Methylphenols	7.18	107	556275	40.04	ng	# 63
22) Acetophenone	7.17	105	764877	39.42	ng	# 96
24) Nitrobenzene	7.34	77	661571	41.57	ng	96
25) Isophorone	7.58	82	1110470	38.57	ng	99
26) 2-Nitrophenol	7.66	139	285139	42.92	ng	# 60
27) 2,4-Dimethylphenol	7.71	122	466273	39.07	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	692888	42.66	ng	98
29) 2,4-Dichlorophenol	7.92	162	457066	42.37	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	453002	37.34	ng	98
31) Naphthalene	8.06	128	1399807	37.47	ng	99
32) Benzoic acid	7.85	122	267305	32.71	ng	# 83
33) 4-Chloroaniline	8.11	127	89777	5.58	ng	92
34) Hexachlorobutadiene	8.19	225	280782	36.98	ng	100
35) Caprolactam	8.50	113	169054m	49.71	ng	
36) 4-Chloro-3-methylphenol	8.62	107	517143	40.77	ng	# 78
37) 2-Methylnaphthalene	8.76	142	1024162m	42.38	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	415115	35.63	ng	99
40) Hexachlorocyclopentadiene	8.92	237	517631	82.70	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
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Instrument :
 BNA_F
 ClientSampleID :
 PB86421BS

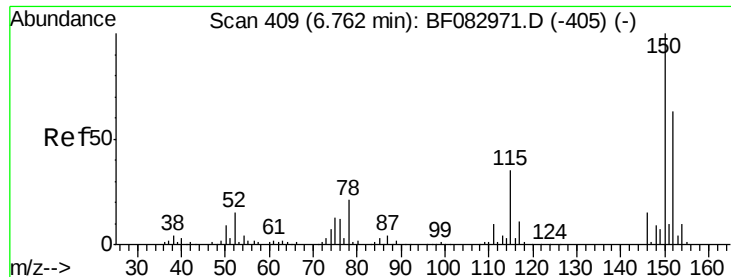
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	340653	39.17	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	331521	38.54	ng	98
45) 1,1'-Biphenyl	9.22	154	1108851	36.45	ng	94
46) 2-Chloronaphthalene	9.24	162	873147	36.80	ng	96
47) 2-Nitroaniline	9.34	65	354974	40.33	ng	# 74
48) Acenaphthylene	9.66	152	1525803	41.03	ng	98
49) Dimethylphthalate	9.53	163	1106835	38.11	ng	100
50) 2,6-Dinitrotoluene	9.58	165	220890	35.64	ng	90
51) Acenaphthene	9.84	154	1057725	44.88	ng	99
52) 3-Nitroaniline	9.76	138	62658	9.19	ng	# 62
53) 2,4-Dinitrophenol	9.86	184	230689	67.79	ng	# 28
54) Dibenzofuran	10.01	168	1350144	42.49	ng	91
55) 4-Nitrophenol	9.94	139	324171	61.99	ng	# 80
56) 2,4-Dinitrotoluene	10.00	165	366719	43.61	ng	85
57) Fluorene	10.35	166	1085083	42.16	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	286184	40.77	ng	# 85
59) Diethylphthalate	10.24	149	1169631	41.24	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	436867	33.93	ng	# 85
61) 4-Nitroaniline	10.37	138	231156	33.72	ng	# 82
62) Azobenzene	10.50	77	1279963	42.02	ng	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	178420	38.74	ng	72
65) n-Nitrosodiphenylamine	10.46	169	929020	39.78	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	321308	41.27	ng	# 85
67) Hexachlorobenzene	10.90	284	348819	40.13	ng	# 67
68) Atrazine	11.00	200	332244	46.00	ng	90
69) Pentachlorophenol	11.09	266	341856	64.76	ng	99
70) Phenanthrene	11.30	178	1506306	40.12	ng	98
71) Anthracene	11.36	178	1590611	40.22	ng	99
72) Carbazole	11.52	167	1466809	42.37	ng	97
73) Di-n-butylphthalate	11.85	149	1695875	39.32	ng	98
74) Fluoranthene	12.49	202	1557731	38.66	ng	99
76) Benzidine	12.61	184	823931	45.28	ng	99
77) Pyrene	12.72	202	1659099	44.50	ng	99
79) Butylbenzylphthalate	13.35	149	773146	46.94	ng	96
80) Benzo(a)anthracene	13.91	228	1426861	42.03	ng	98
81) 3,3'-Dichlorobenzidine	13.87	252	203588	16.87	ng	# 96
82) Chrysene	13.94	228	1220322	39.24	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1049798	46.56	ng	# 97
84) Di-n-octyl phthalate	14.52	149	1731382	46.04	ng	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	1134484	42.36	ng	# 96
87) Benzo(b)fluoranthene	14.92	252	1225793m	39.45	ng	
88) Benzo(k)fluoranthene	14.96	252	1271025m	46.12	ng	
89) Benzo(a)pyrene	15.27	252	1146232	42.58	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	957805	42.02	ng	98
91) Benzo(g,h,i)perylene	17.05	276	925400	42.39	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

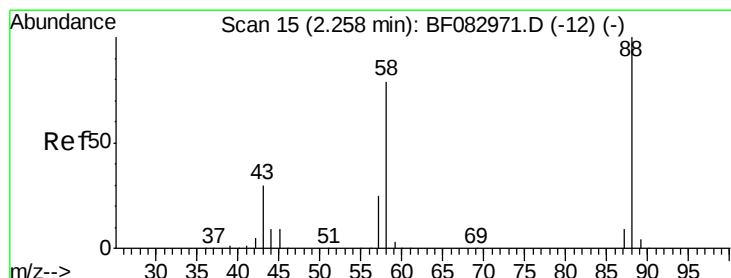
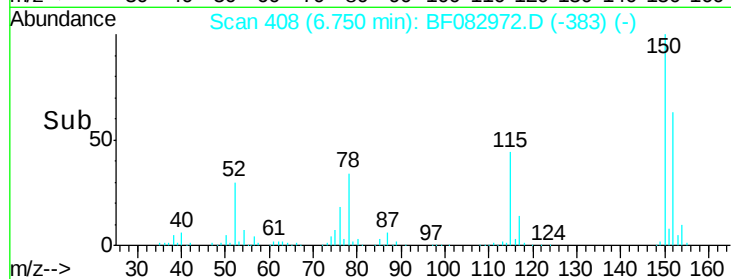
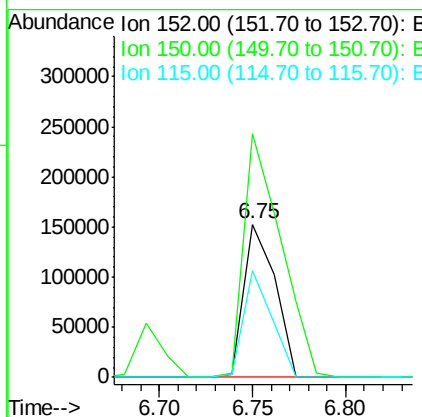
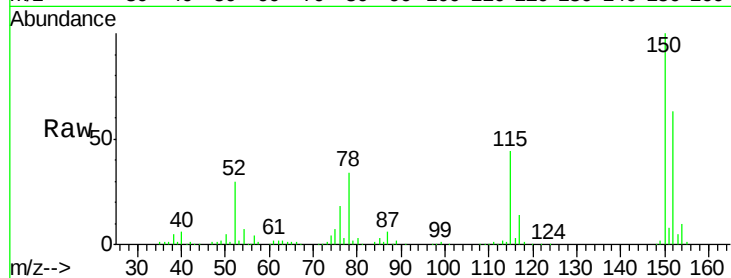
ClientSampleId :

PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	177059		
150	159.0	127.0	190.4	
115	69.5	47.0	70.6	

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#2

1,4-Dioxane

Concen: 38.42 ng

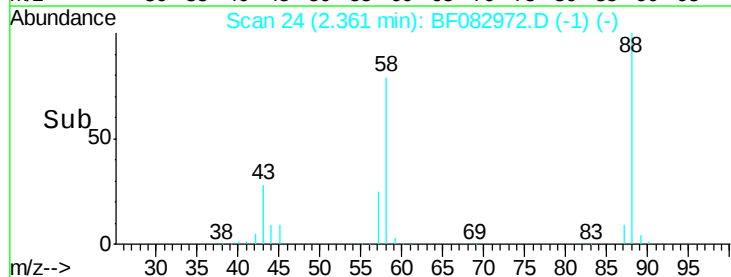
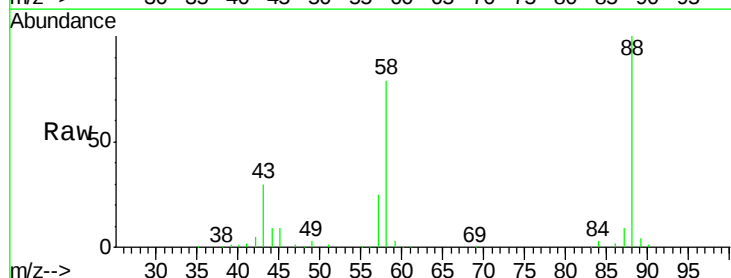
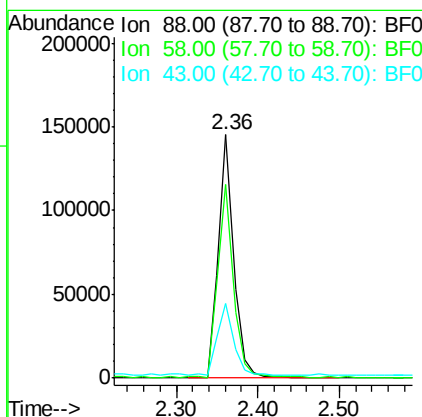
RT: 2.36 min Scan# 24

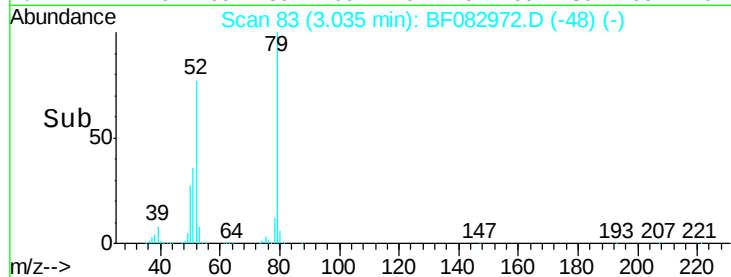
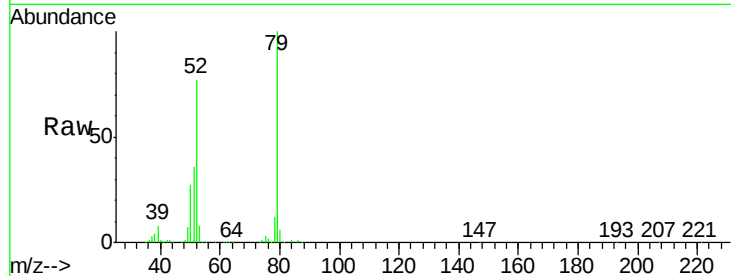
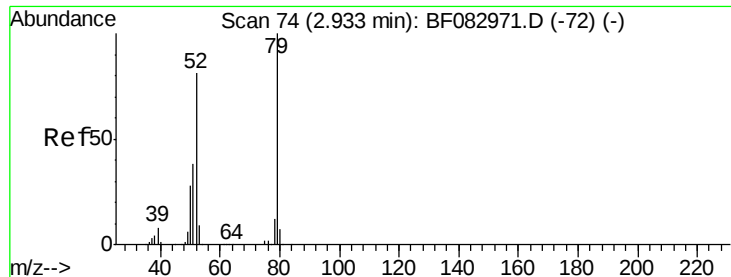
Delta R.T. 0.10 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	188620		
58	80.2	62.0	93.0	
43	31.4	26.6	40.0	





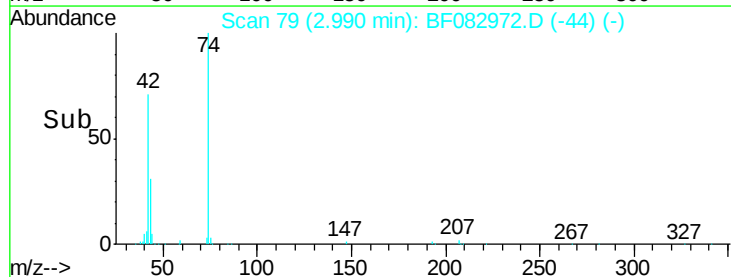
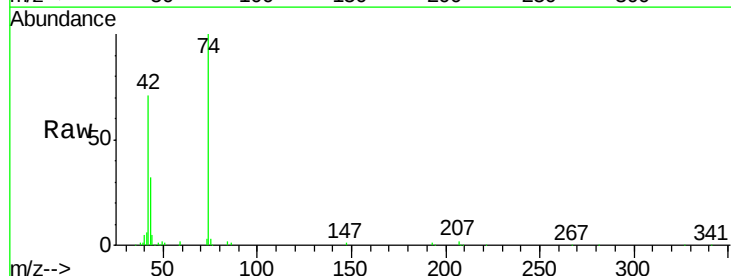
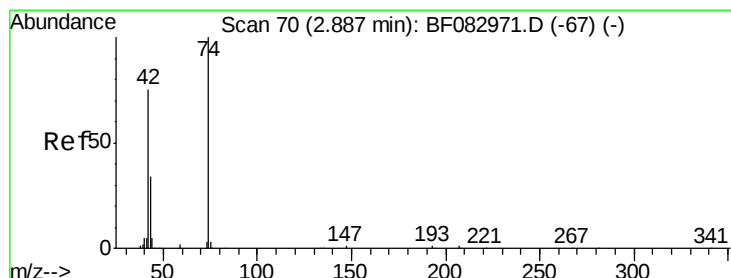
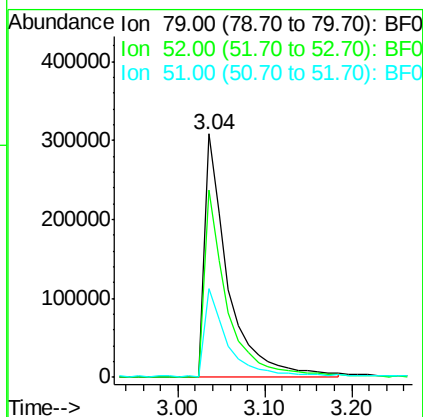
#3
Pyridine
Concen: 40.61 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.10 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	578666		
52	76.8	62.8	94.2	
51	36.4	32.0	48.0	

Instrument :
BNA_F
ClientSampleId :
PB86421BS

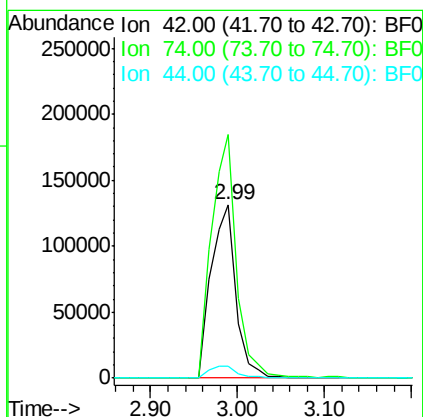
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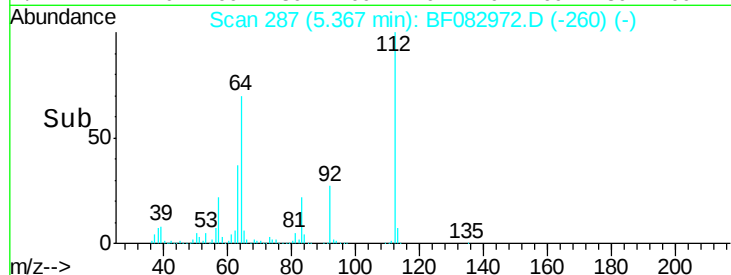
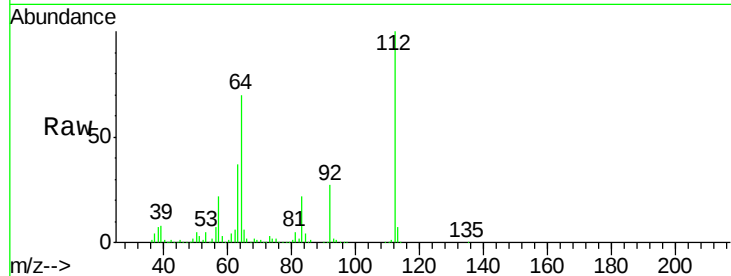
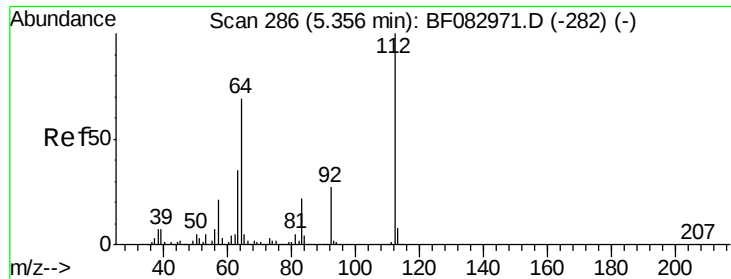
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#4
n-Nitrosodimethylamine
Concen: 37.37 ng
RT: 2.99 min Scan# 79
Delta R.T. 0.10 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	264091		
74	140.5	87.0	130.4#	
44	6.9	5.8	8.8	





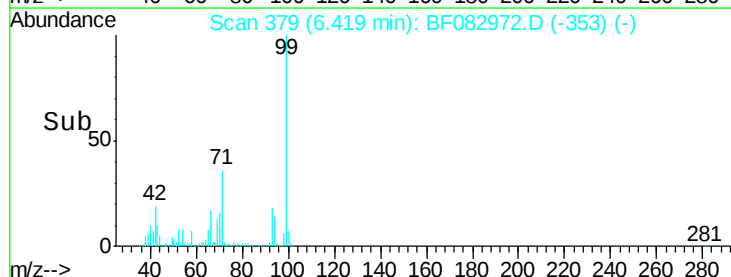
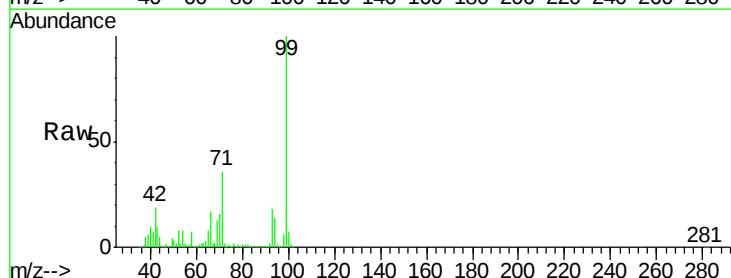
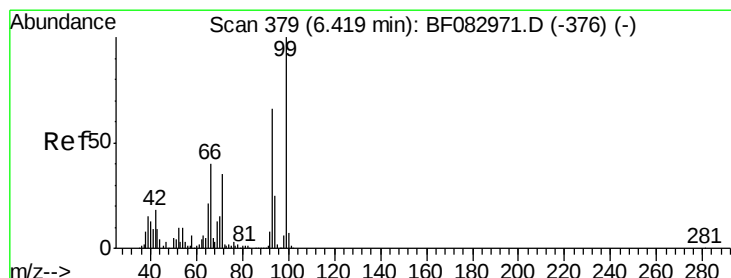
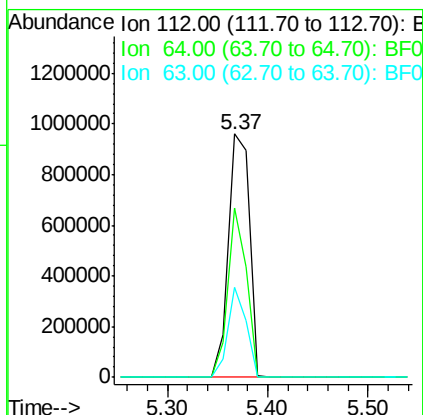
#5
2-Fluorophenol
Concen: 123.00 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	48.9	73.3
63	36.8	28.1	42.1

Instrument :
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ClientSampleId :
PB86421BS

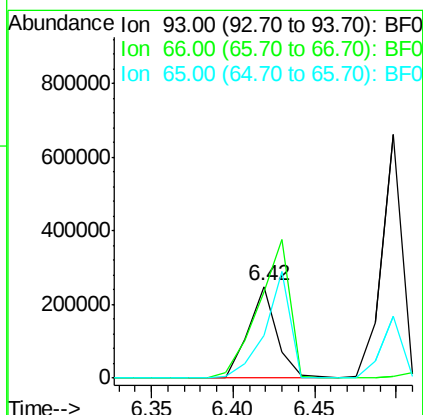
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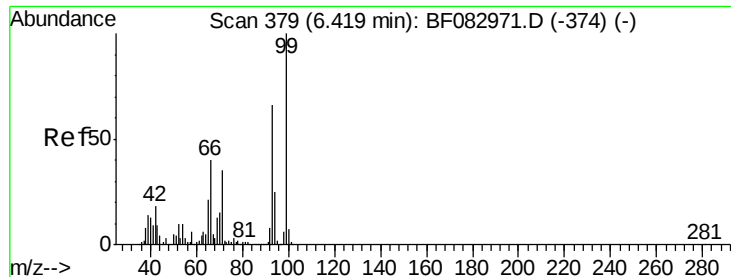
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#6
Aniline
Concen: 14.10 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	94.6	33.6	50.4#
65	46.8	18.1	27.1#





#7

Phenol-d6

Concen: 121.61 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion: 99 Resp: 1839760

Ion Ratio Lower Upper

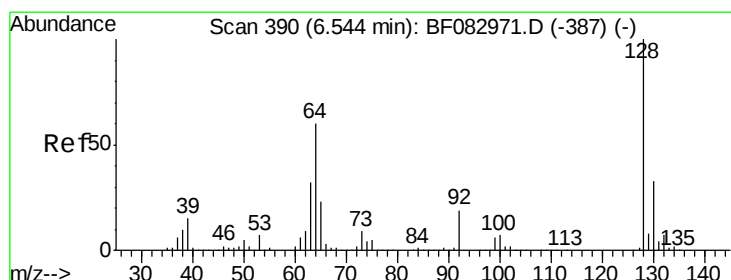
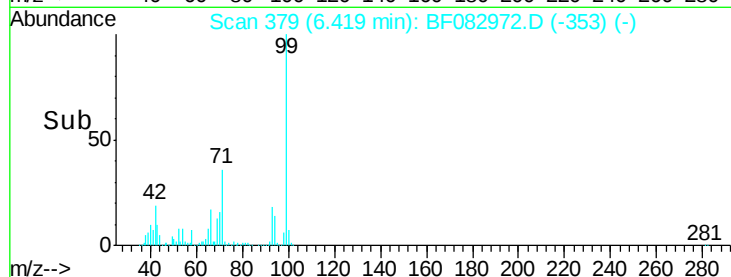
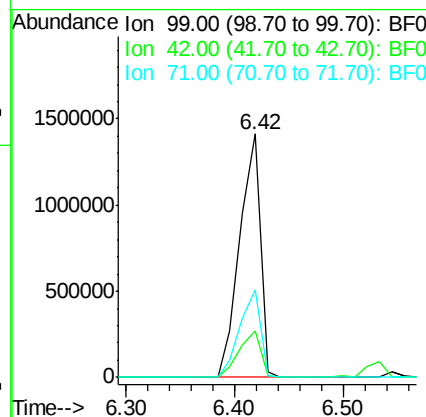
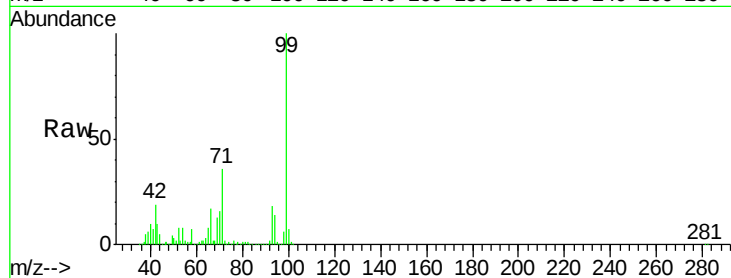
99 100

42 19.0 19.2 28.8#

71 36.0 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

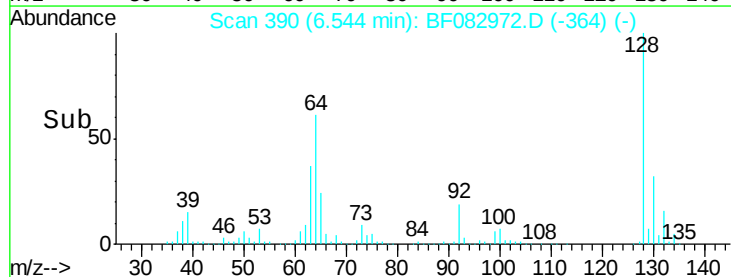
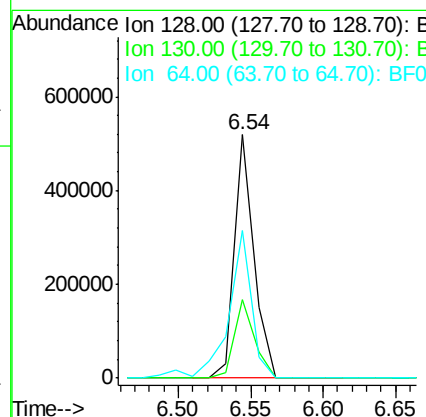
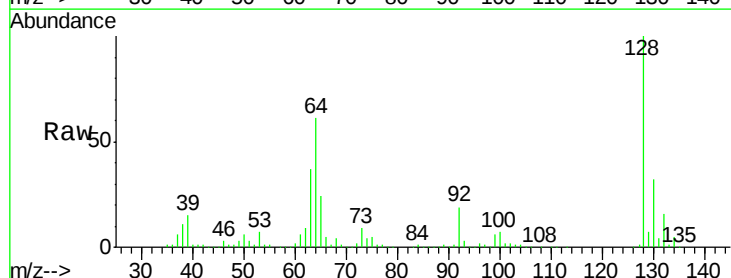
Tgt Ion: 128 Resp: 481781

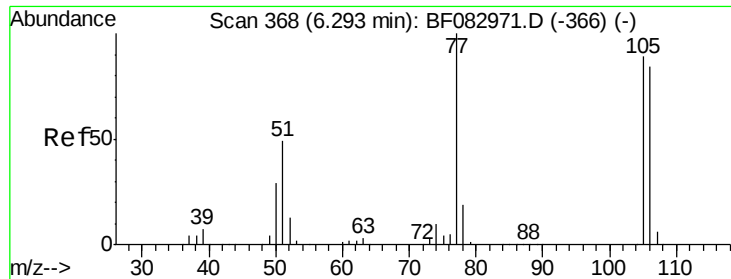
Ion Ratio Lower Upper

128 100

130 32.2 13.5 53.5

64 60.6 21.1 61.1





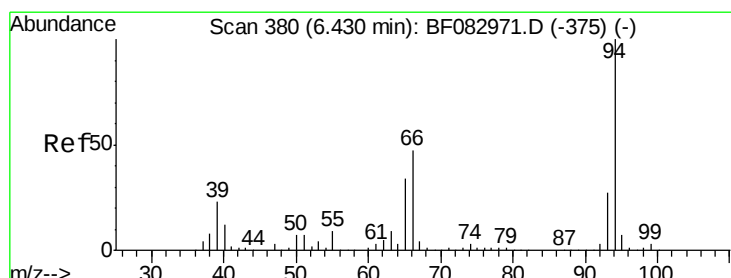
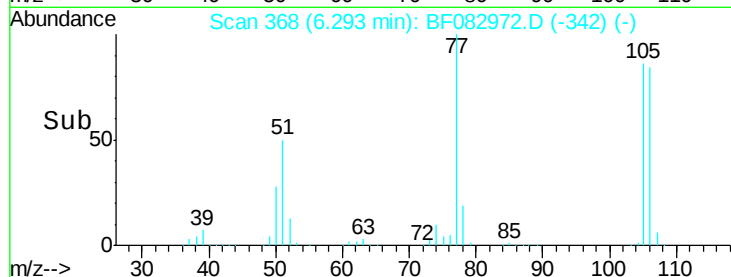
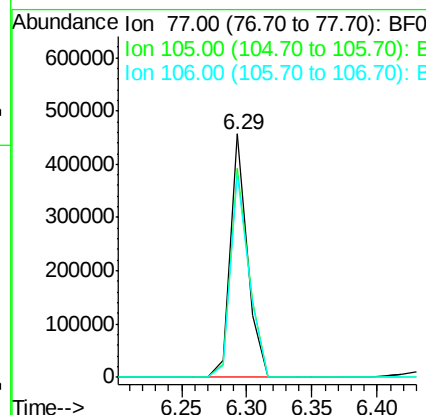
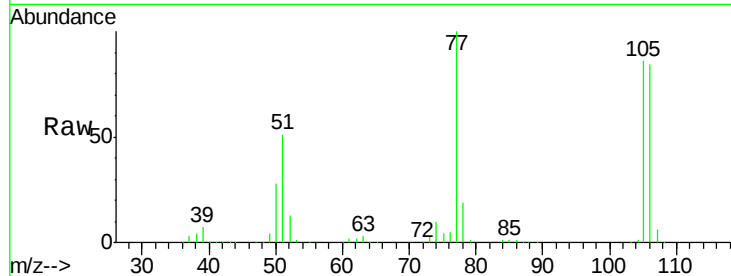
#9
Benzaldehyde
Concen: 49.94 ng
RT: 6.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion: 77 Resp: 417360
Ion Ratio Lower Upper
77 100
105 85.8 63.5 103.5
106 83.7 59.3 99.3

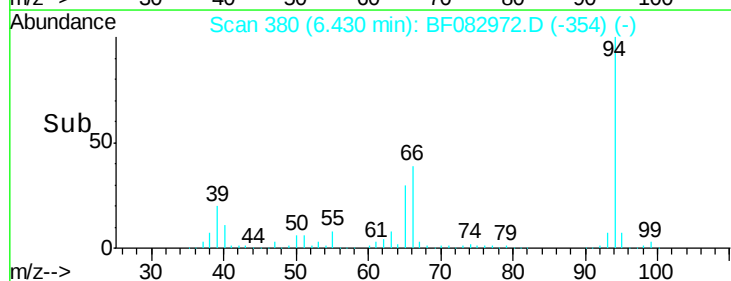
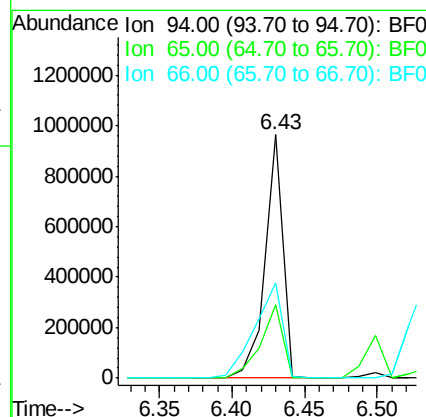
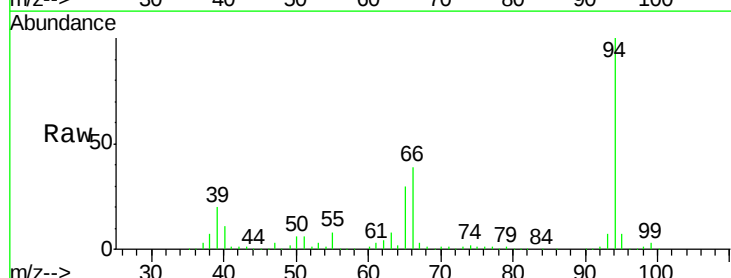
Manual Integrations
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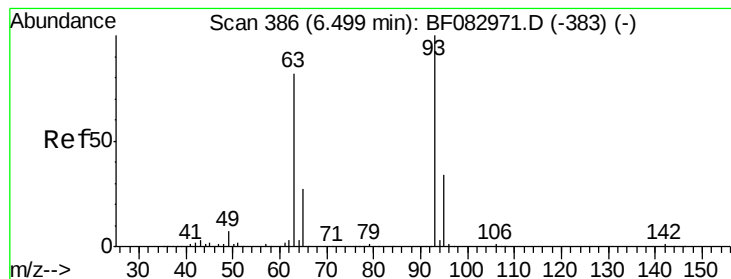
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#10
Phenol
Concen: 47.77 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion: 94 Resp: 820042
Ion Ratio Lower Upper
94 100
65 30.0 18.9 58.9
66 39.2 34.9 74.9





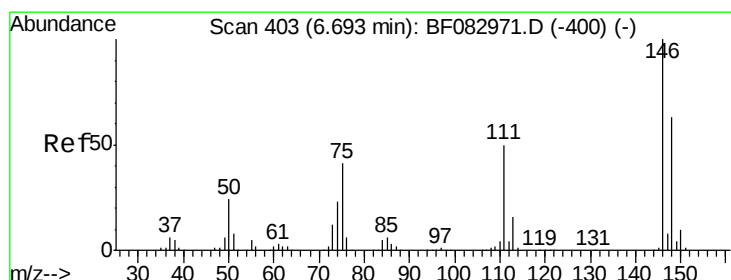
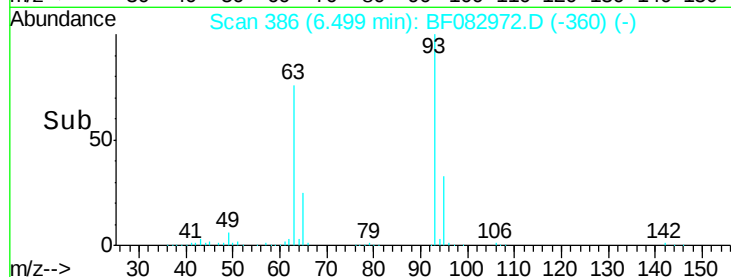
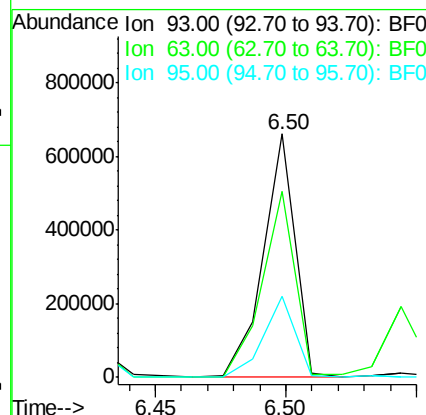
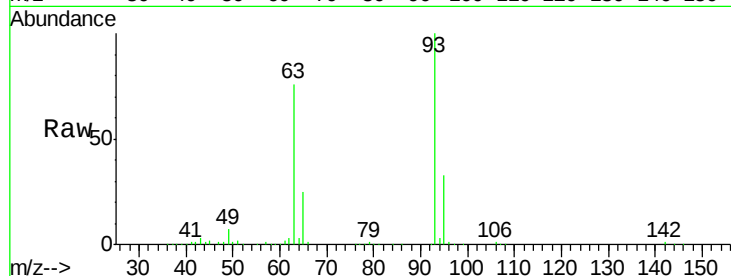
#11
 bis(2-Chloroethyl)ether
 Concen: 44.09 ng
 RT: 6.50 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	565946		
63	76.3	72.7	112.7	
95	33.4	12.0	52.0	

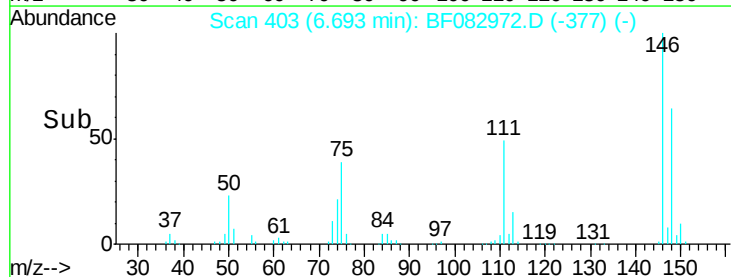
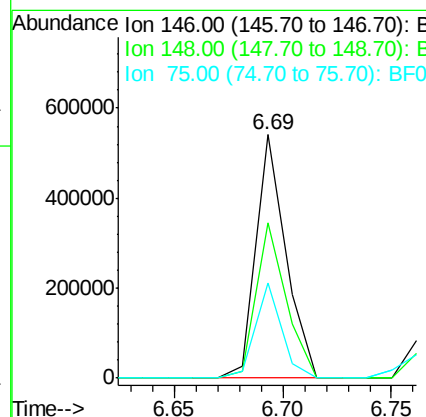
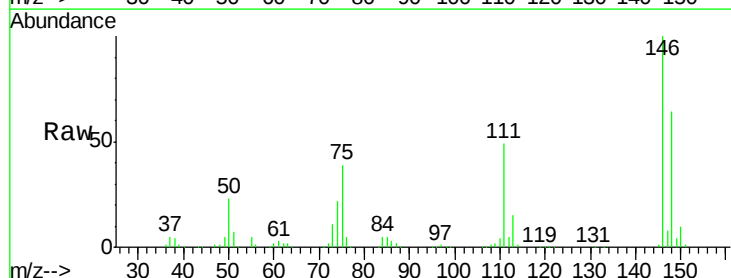
Manual Integrations
 APPROVED

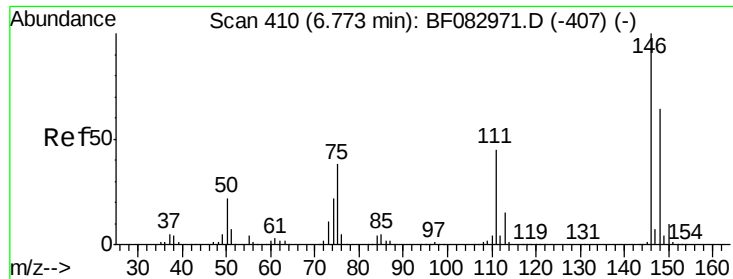
mohammad
 11/19/2015 8:25:06 AM



#12
 1,3-Dichlorobenzene
 Concen: 36.39 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	517678		
148	64.0	50.5	75.7	
75	38.9	39.5	59.3#	





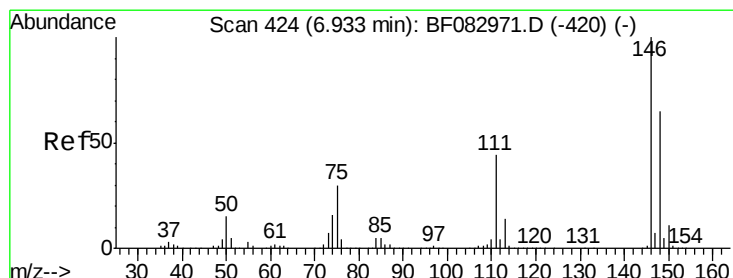
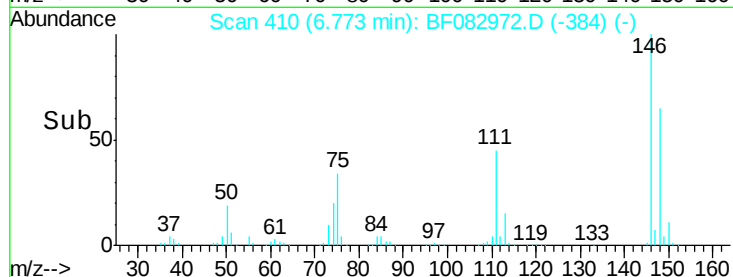
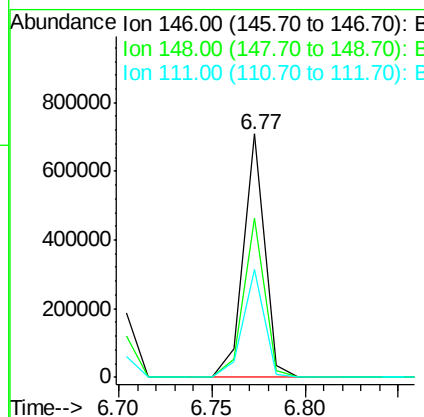
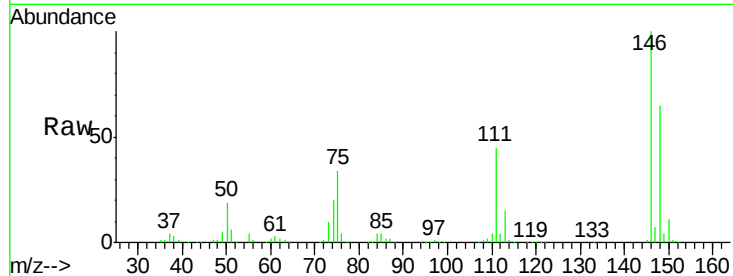
#13
1,4-Dichlorobenzene
Concen: 38.37 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	44.6	40.6	60.8

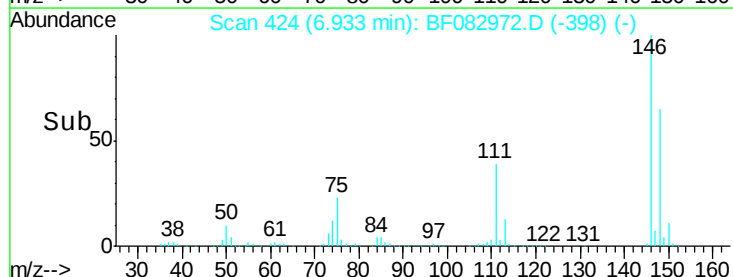
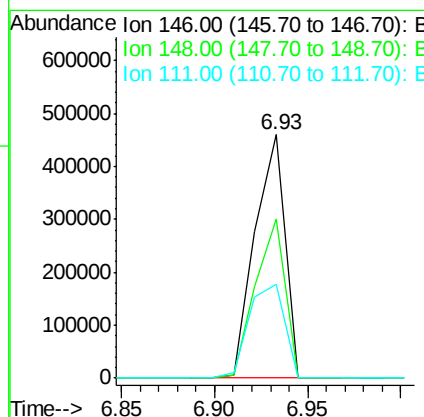
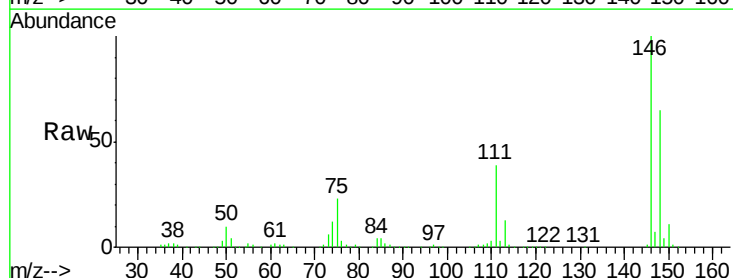
Manual Integrations
APPROVED

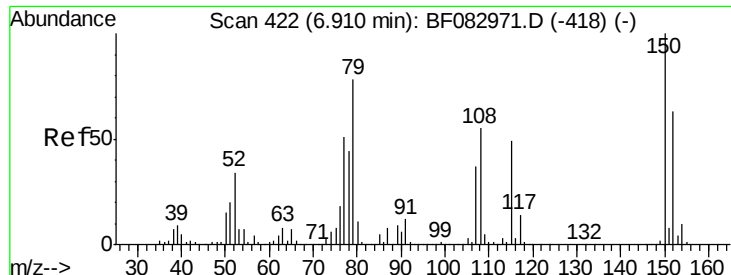
mohammad
11/19/2015 8:25:06 AM



#14
1,2-Dichlorobenzene
Concen: 37.91 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.4
111	38.8	36.6	55.0





#15

Benzyl Alcohol

Concen: 38.81 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion: 79 Resp: 515611

Ion Ratio Lower Upper

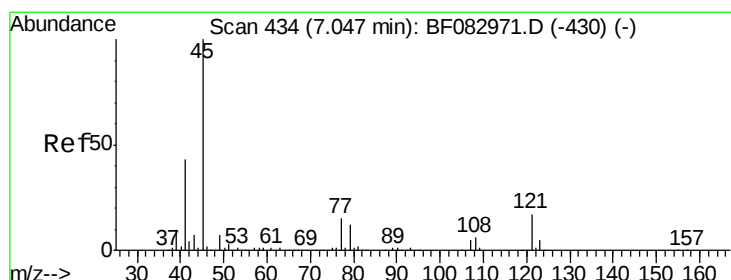
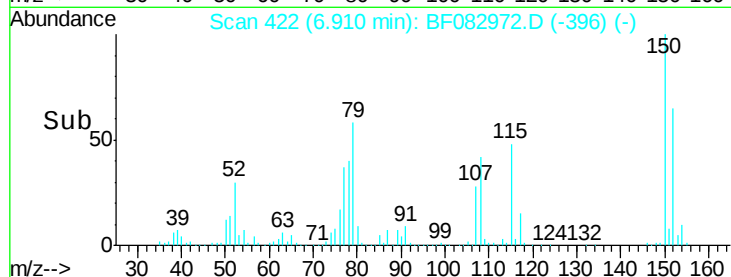
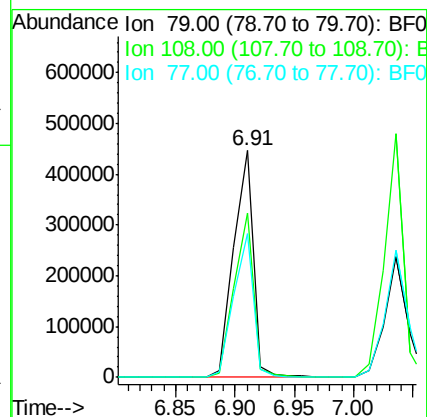
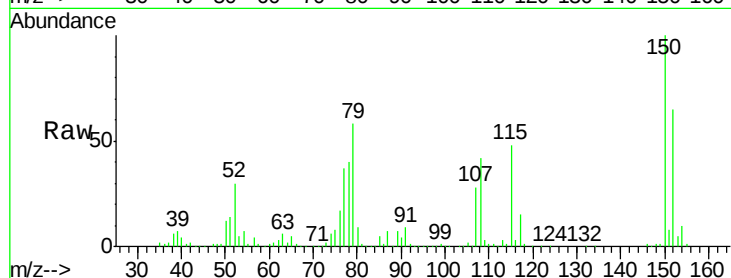
79 100

108 72.4 52.2 78.4

77 63.6 52.7 79.1

Manual Integrations
APPROVED

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11/19/2015 8:25:06 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.29 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

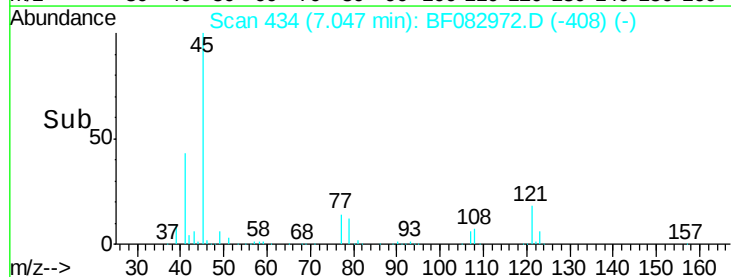
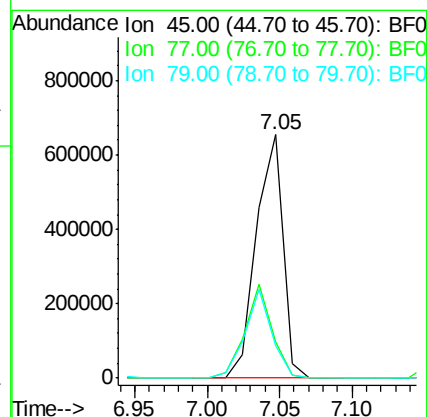
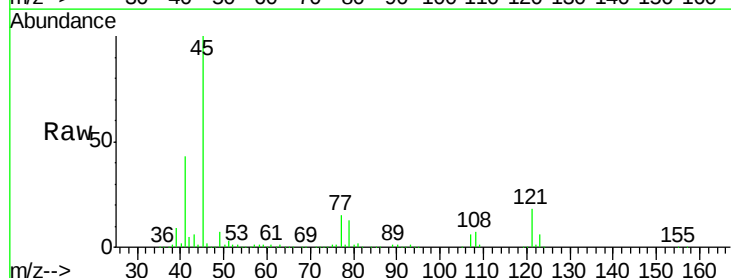
Tgt Ion: 45 Resp: 833982

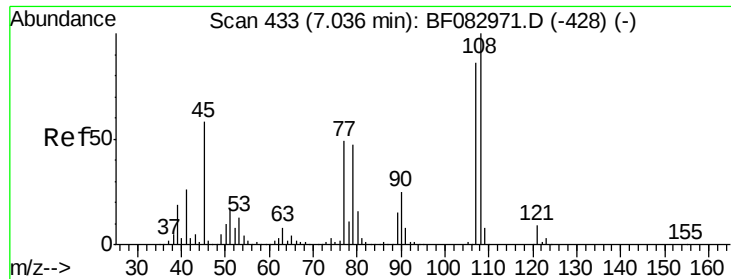
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.6

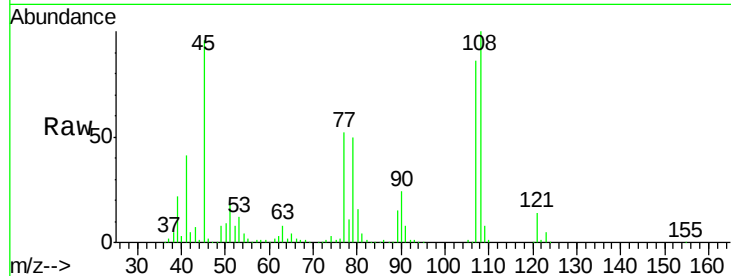
79 13.2 0.0 29.2





#17
2-Methylphenol
Concen: 42.35 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

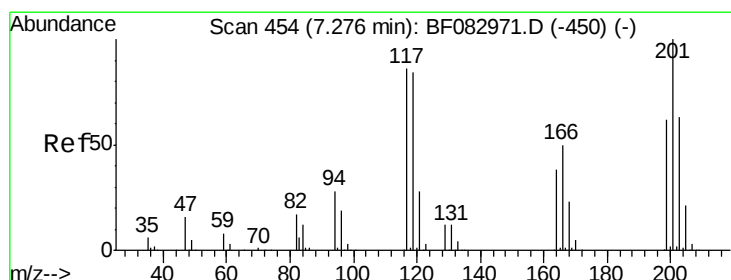
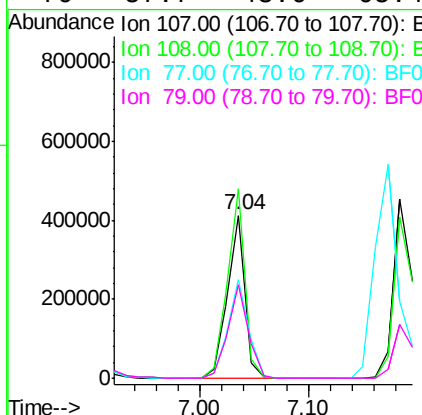
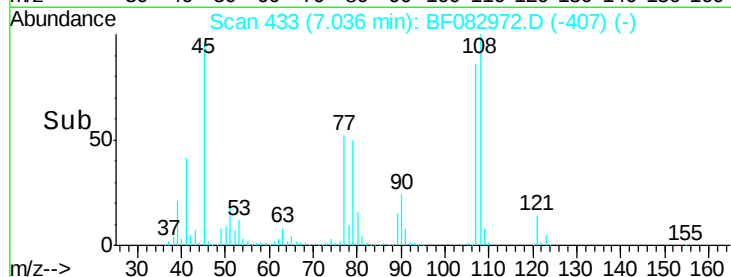
Instrument :
BNA_F
ClientSampleId :
PB86421BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	452511		
108	116.3	93.0	139.4	
77	60.9	44.1	66.1	
79	57.7	43.6	65.4	

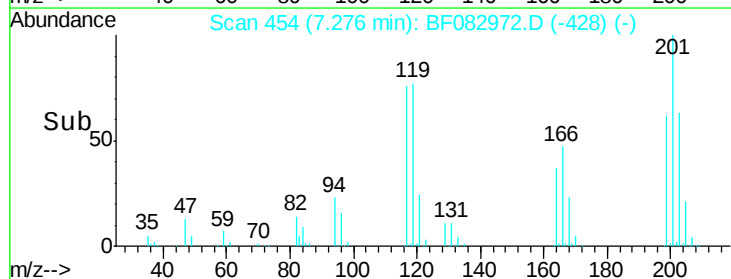
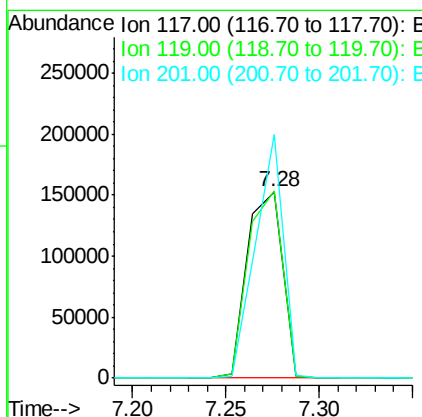
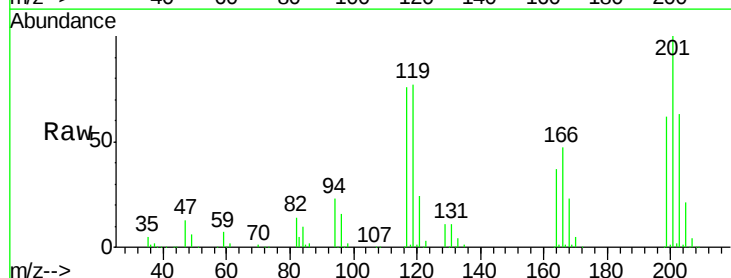
Manual Integrations
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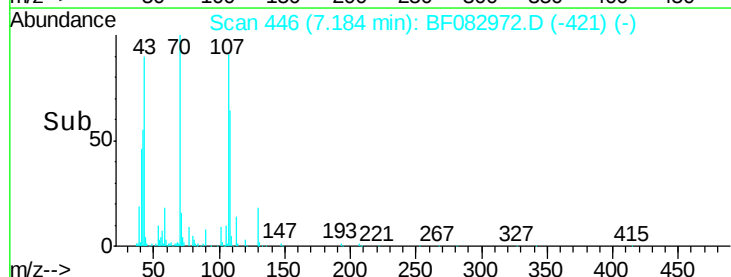
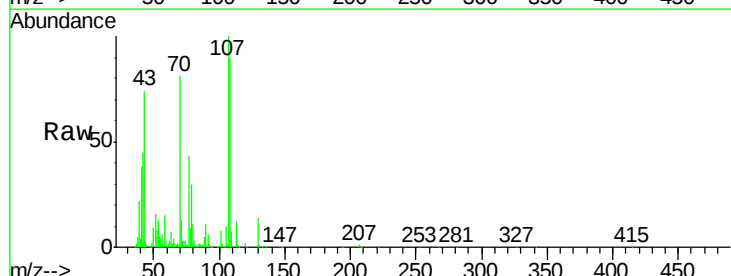
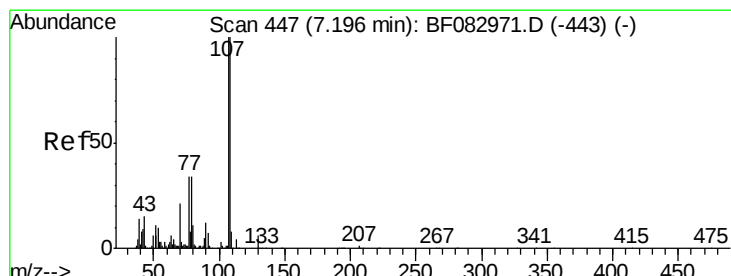
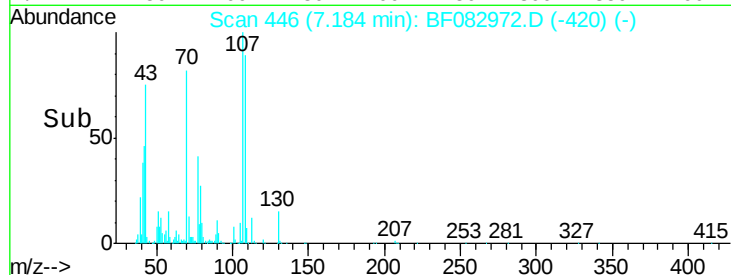
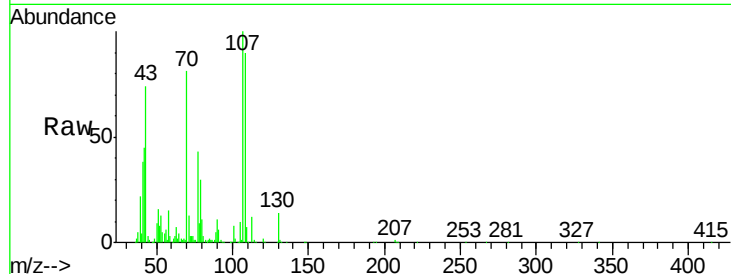
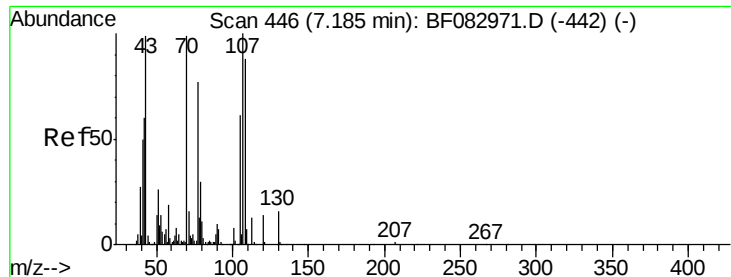
mohammad
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#18
Hexachloroethane
Concen: 37.93 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	200795		
119	100.9	77.7	116.5	
201	130.8	66.7	100.1#	





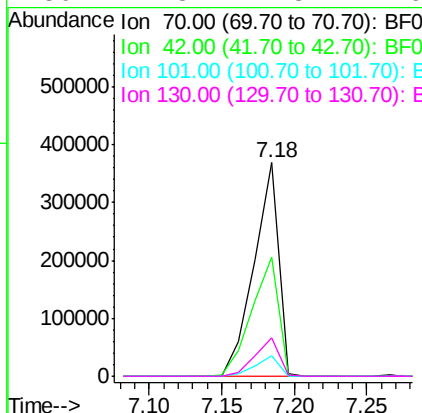
#19
n-Nitroso-di-n-propylamine
Concen: 39.19 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.0	57.7	86.5#
101	9.3	7.0	10.6
130	17.8	11.8	17.6#

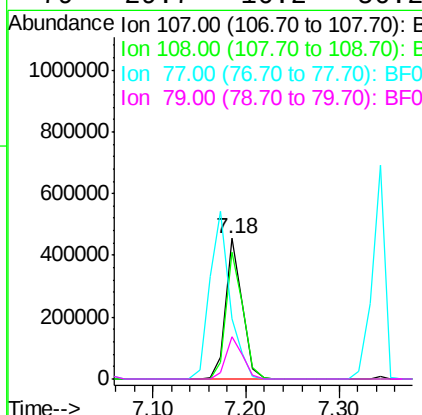
Manual Integrations
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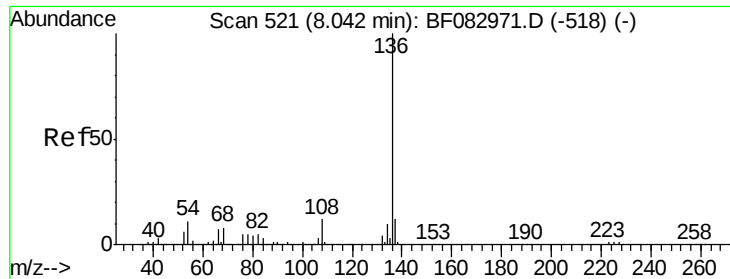
mohammad
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#20
3+4-Methylphenols
Concen: 40.04 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.3	107.3
77	42.8	100.3	140.3#
79	29.7	16.2	56.2





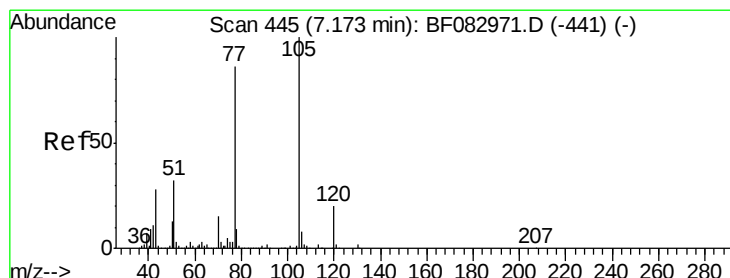
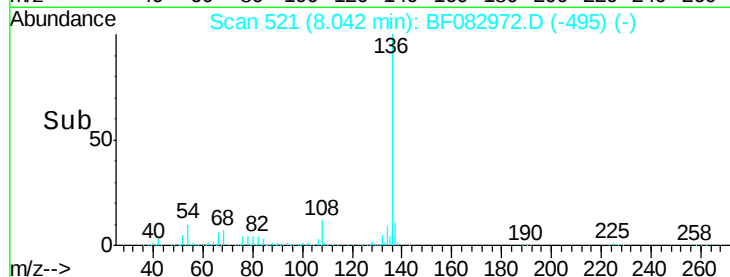
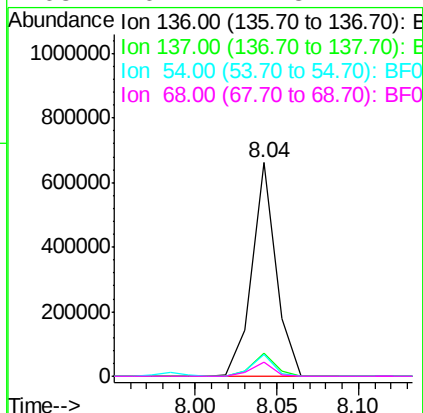
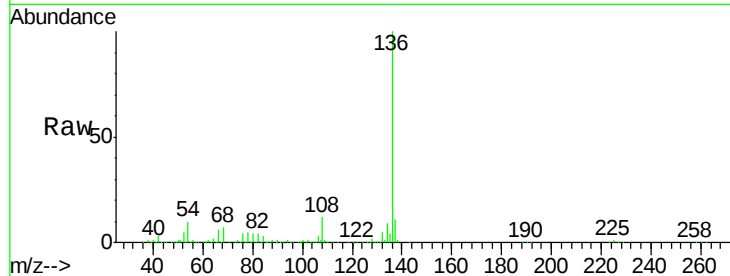
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	677143		
137	11.1	9.1	13.7	
54	10.0	9.1	13.7	
68	6.7	4.8	7.2	

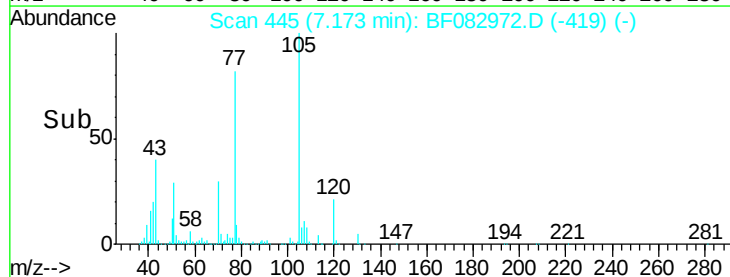
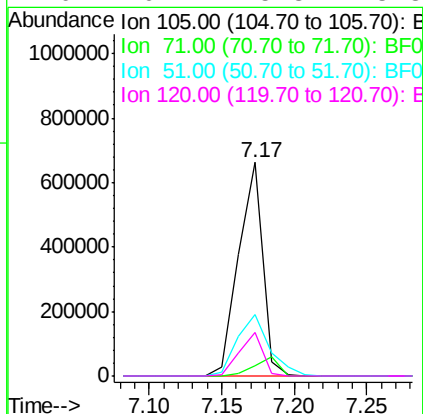
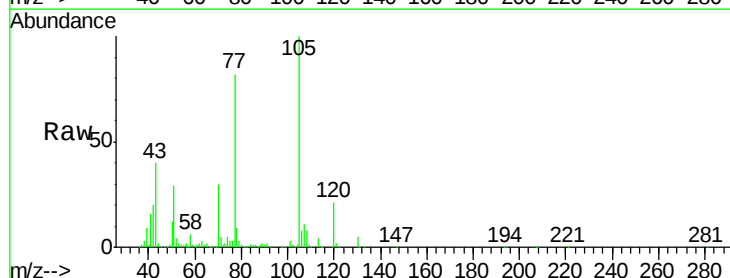
Manual Integrations
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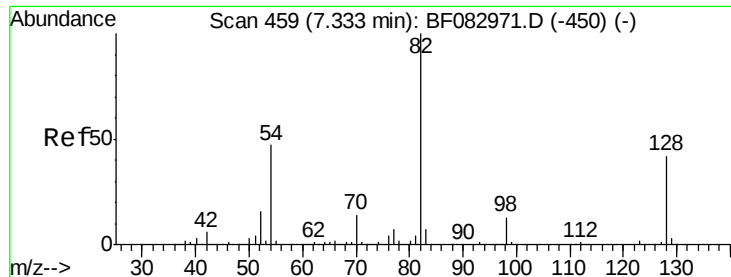
mohammad
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#22
Acetophenone
Concen: 39.42 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	764877		
71	4.9	5.6	8.4#	
51	28.7	24.9	37.3	
120	20.7	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 73.90 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion: 82 Resp: 1150002

Ion Ratio Lower Upper

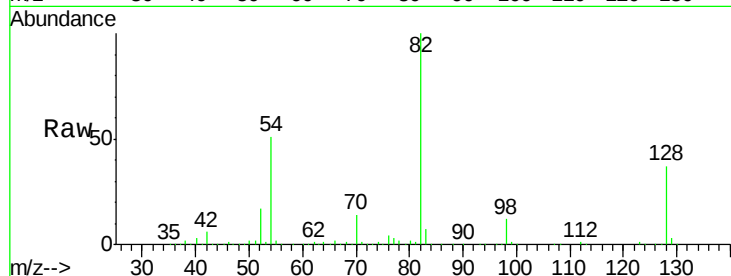
82 100

128 36.8 26.8 40.2

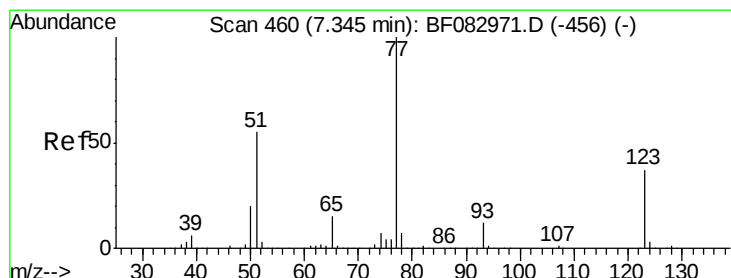
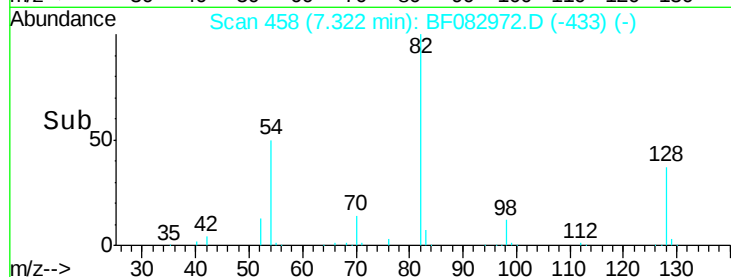
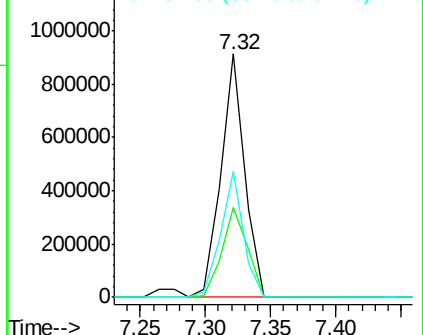
54 51.4 45.7 68.5

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.57 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

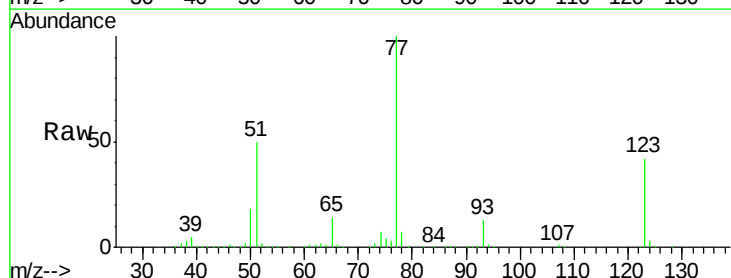
Tgt Ion: 77 Resp: 661571

Ion Ratio Lower Upper

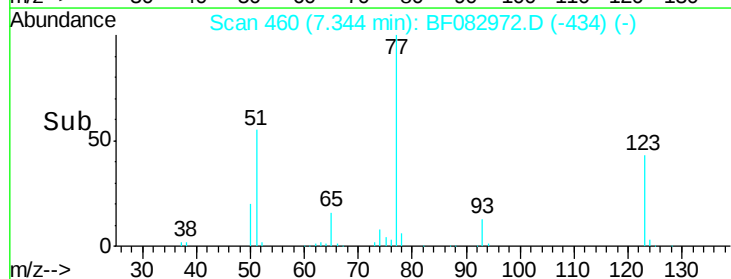
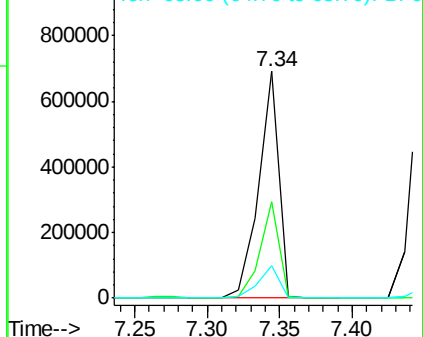
77 100

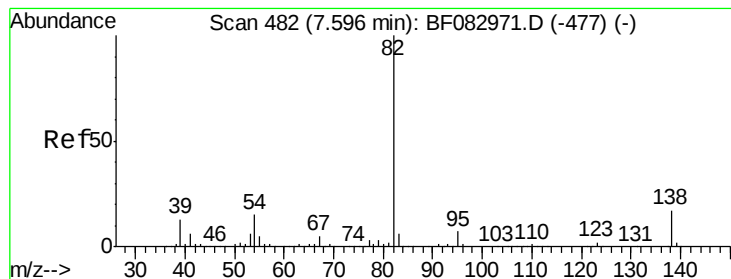
123 42.5 36.4 54.6

65 14.2 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.57 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion: 82 Resp: 1110470

Ion Ratio Lower Upper

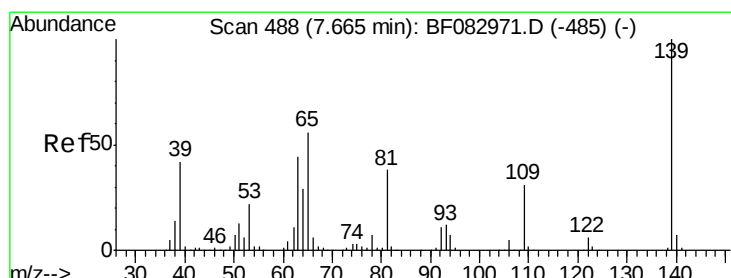
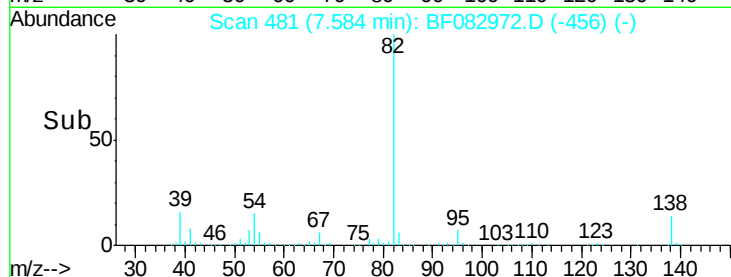
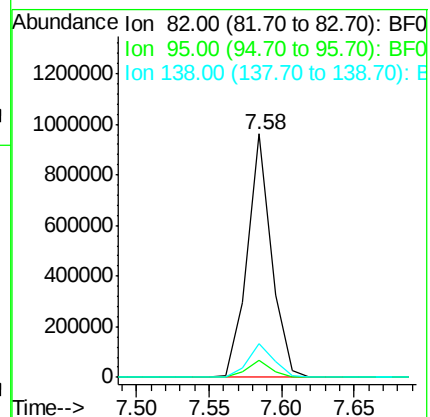
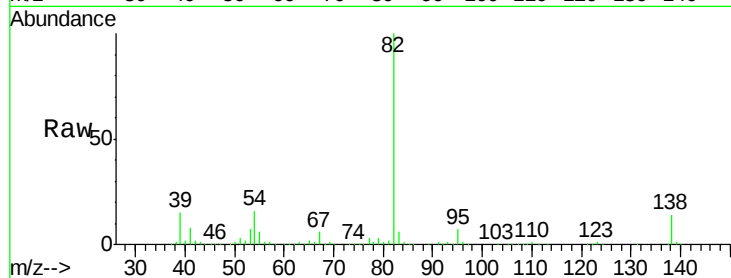
82 100

95 7.0 6.6 9.8

138 14.1 11.4 17.0

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#26

2-Nitrophenol

Concen: 42.92 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

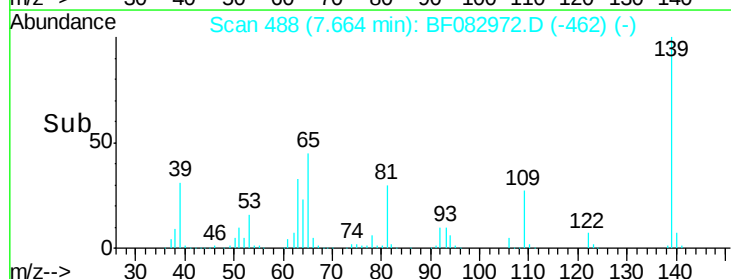
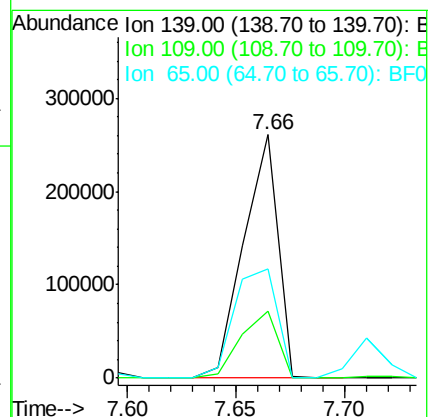
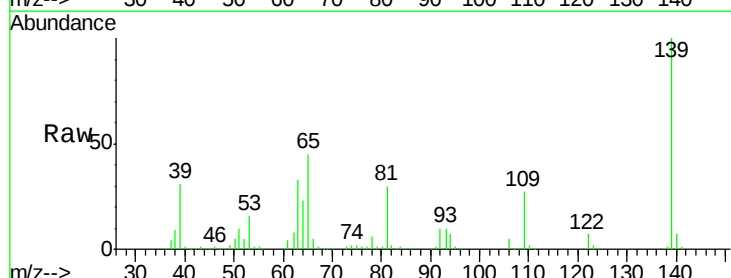
Tgt Ion: 139 Resp: 285139

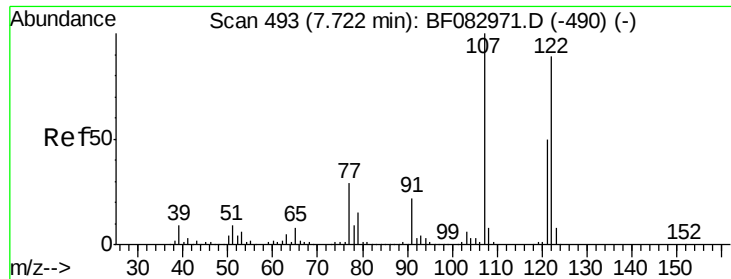
Ion Ratio Lower Upper

139 100

109 27.4 37.6 56.4#

65 45.1 70.6 105.8#





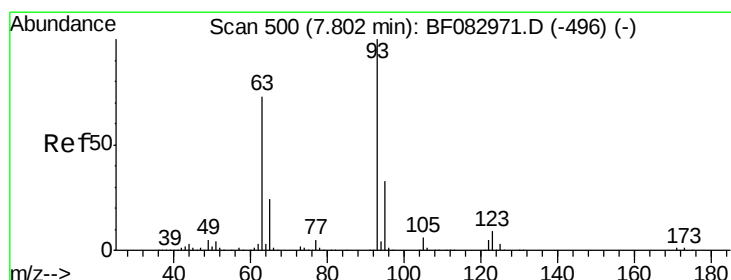
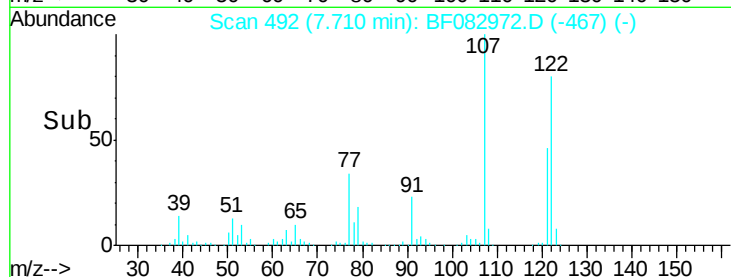
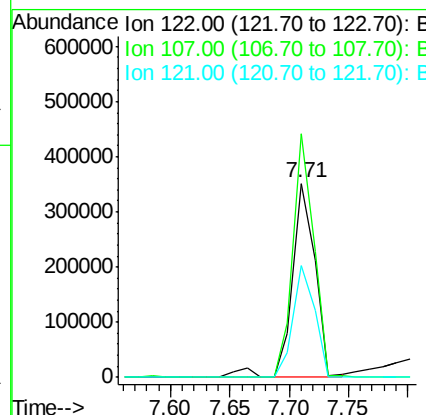
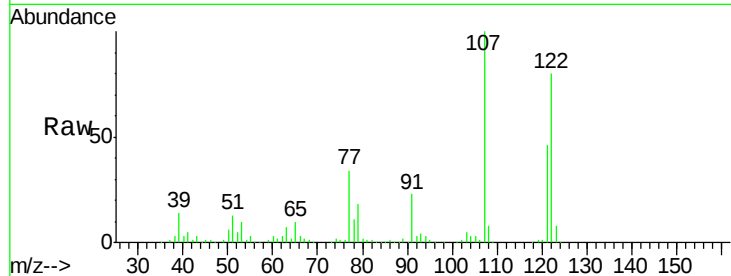
#27
2,4-Dimethylphenol
Concen: 39.07 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	466273		
107	125.5	106.0	159.0	
121	57.3	46.7	70.1	

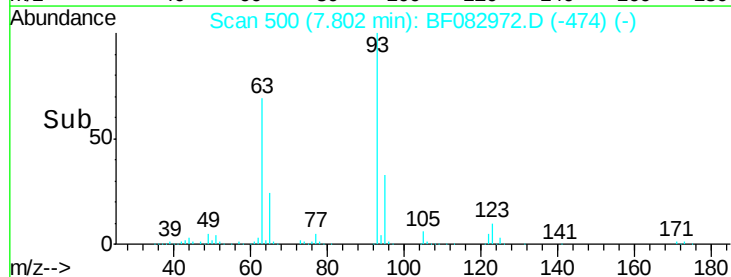
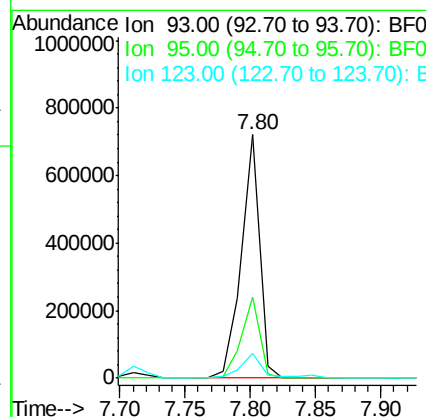
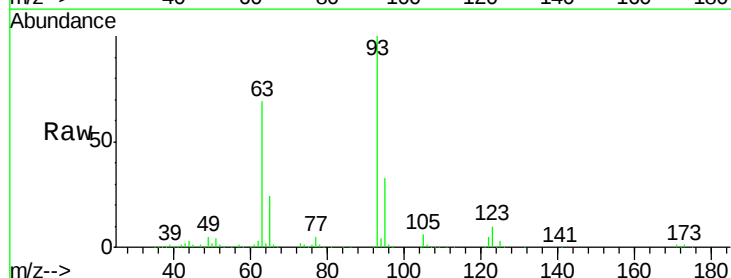
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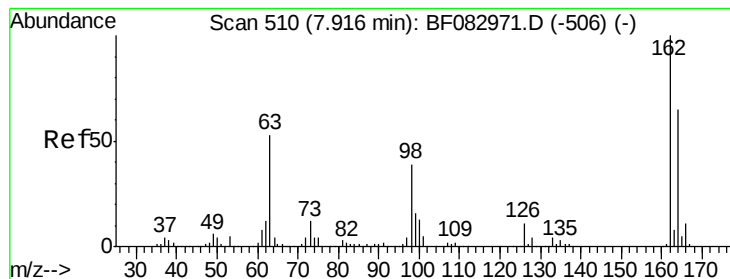
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.66 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	692888		
95	33.0	26.6	40.0	
123	10.2	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 42.37 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

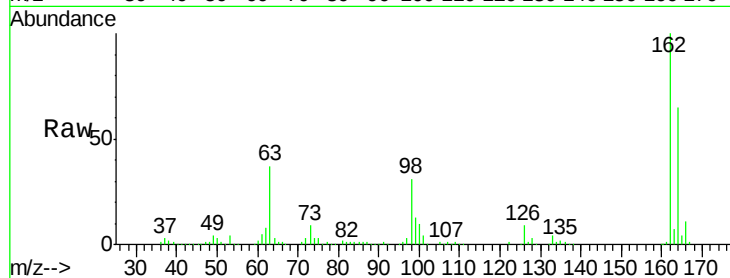
ClientSampleId :

PB86421BS

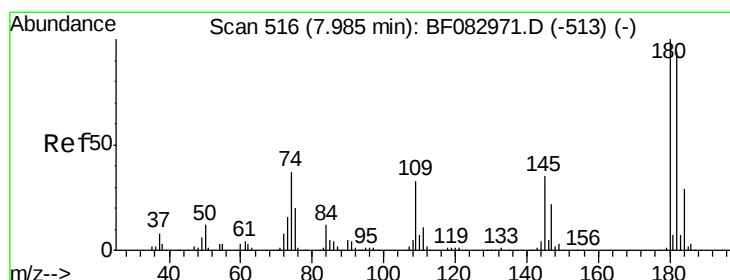
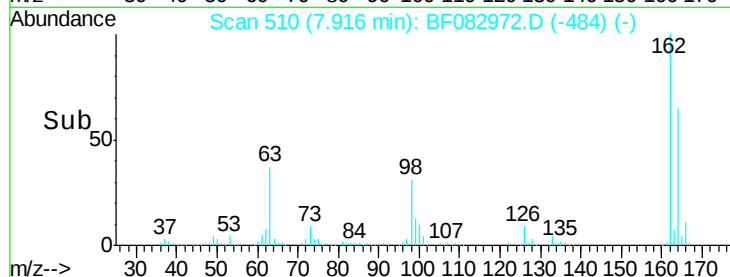
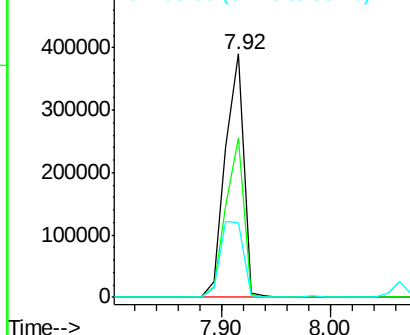
Tgt Ion:	162	Resp:	457066
Ion Ratio	Lower	Upper	
162	100		
164	65.1	46.8	86.8
98	30.8	12.5	52.5

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



#30

1,2,4-Trichlorobenzene

Concen: 37.34 ng

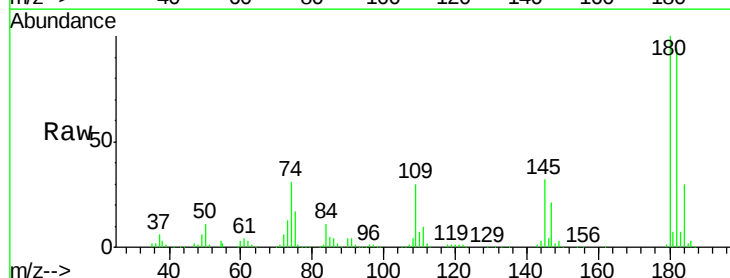
RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

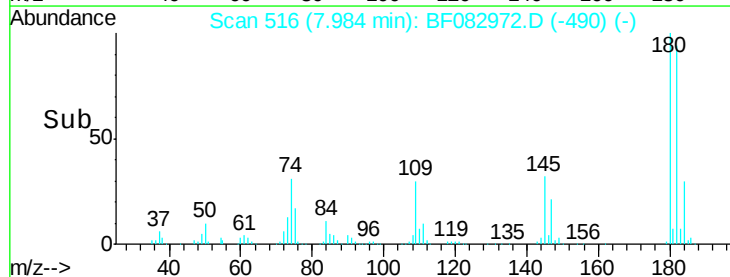
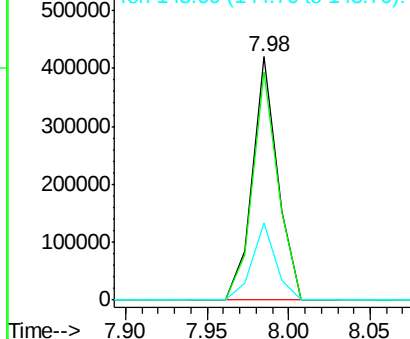
Lab File: BF082972.D

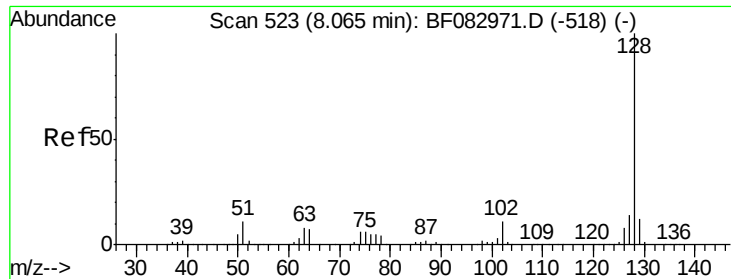
Acq: 17 Nov 2015 18:08

Tgt Ion:	180	Resp:	453002
Ion Ratio	Lower	Upper	
180	100		
182	93.9	74.9	112.3
145	31.6	27.8	41.8



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





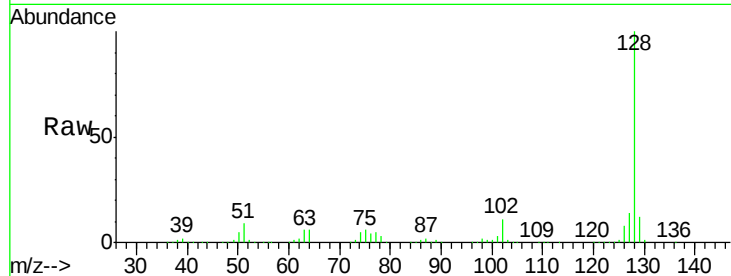
#31
Naphthalene
Concen: 37.47 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

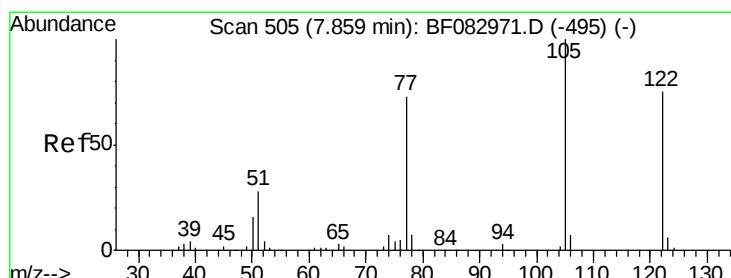
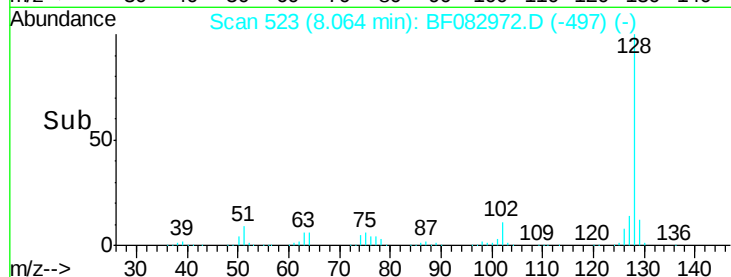
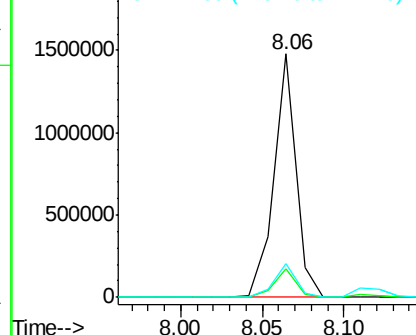
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.8	11.4	17.0

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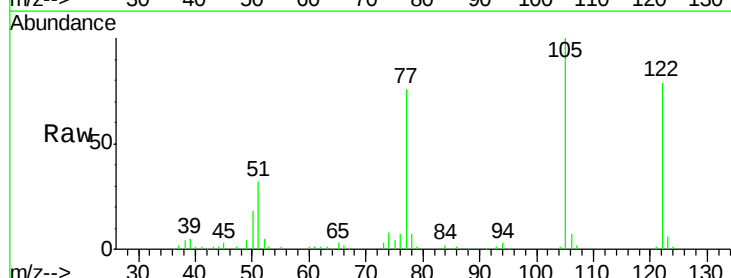


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

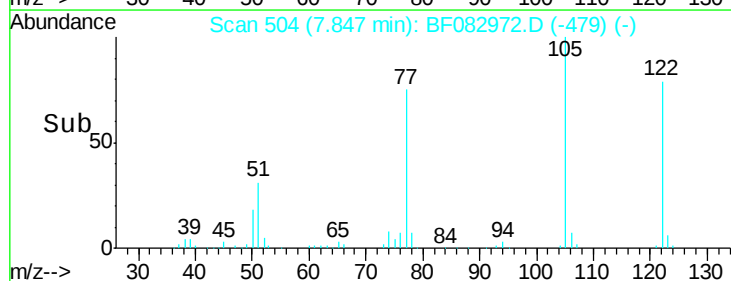
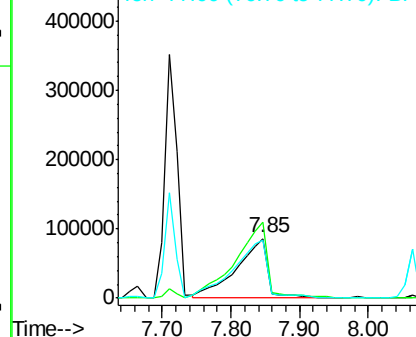


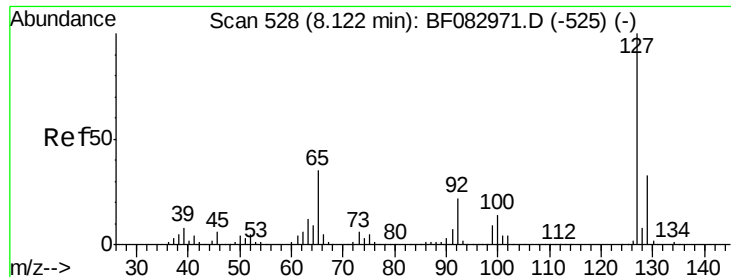
#32
Benzoic acid
Concen: 32.71 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	122.6	162.6
77	96.4	100.9	140.9#



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





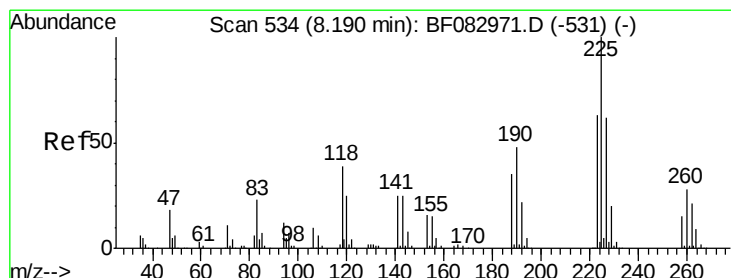
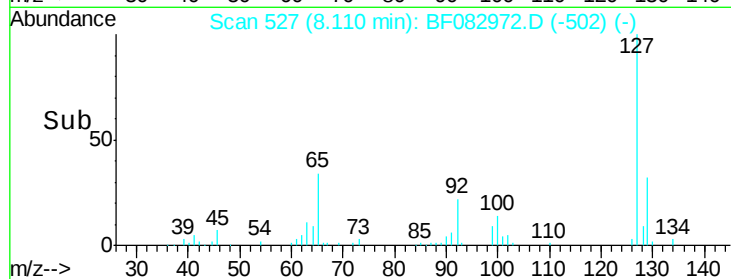
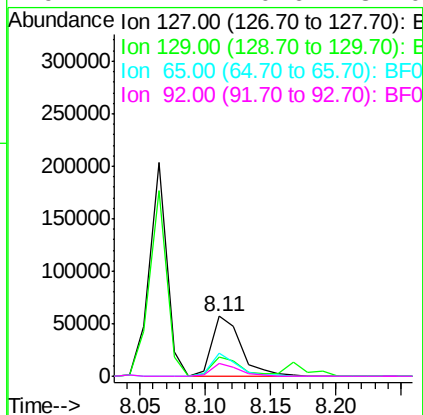
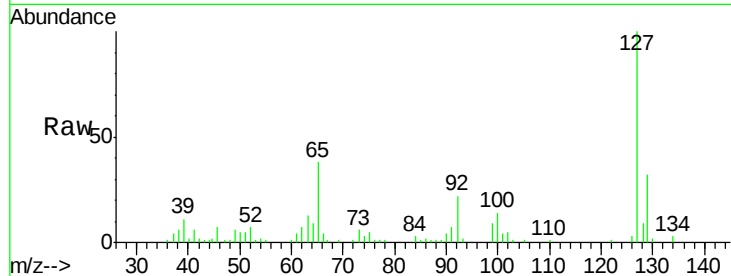
#33
4-Chloroaniline
Concen: 5.58 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:	127	Resp:	89777
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.3	39.5
65	38.3	37.8	56.8
92	22.2	20.6	31.0

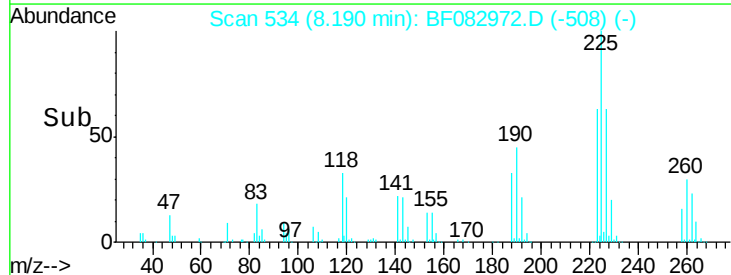
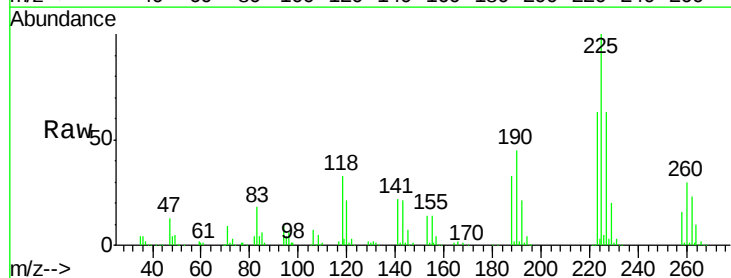
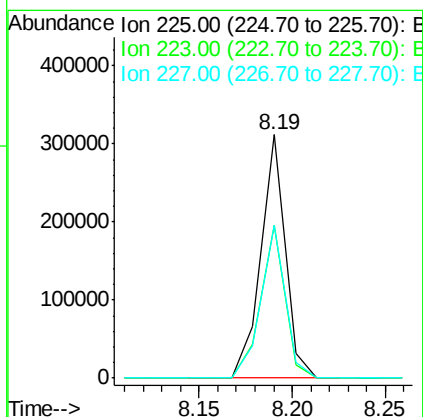
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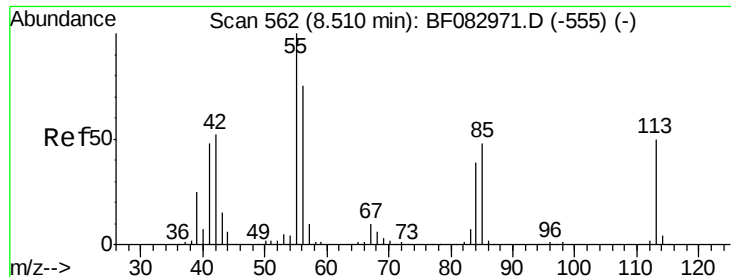
mohammad
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#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion:	225	Resp:	280782
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.5	75.7
227	62.7	50.2	75.2





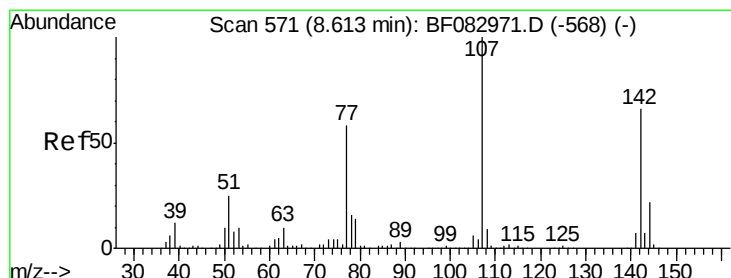
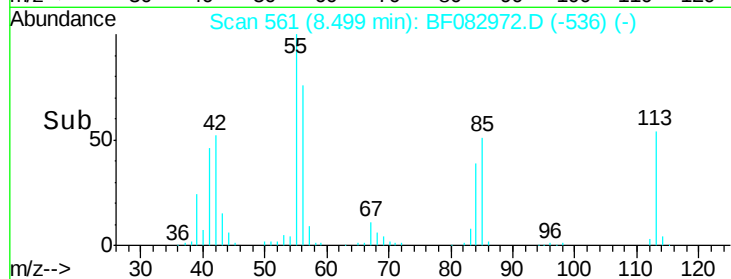
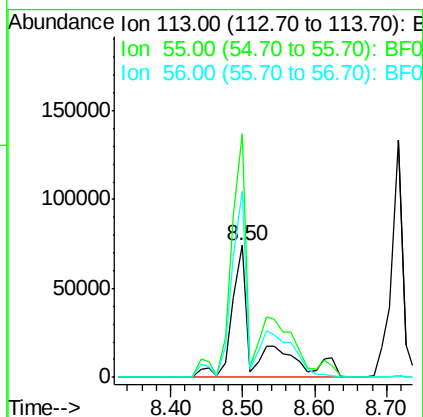
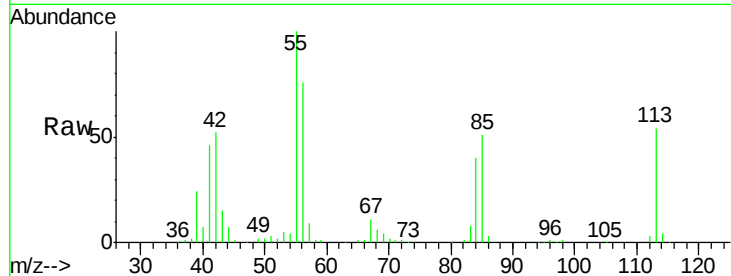
#35
 Caprolactam
 Concen: 49.71 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	169054		
55	184.4	195.5	235.5#	
56	140.9	153.5	193.5#	

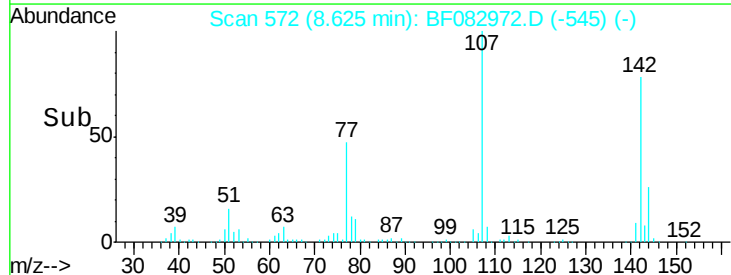
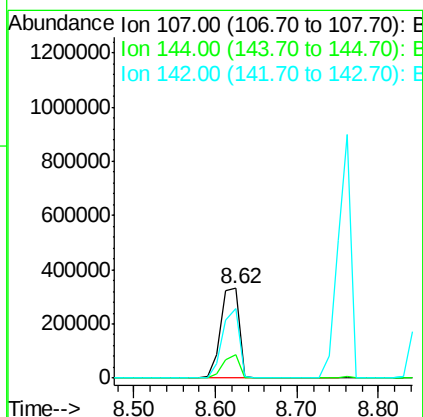
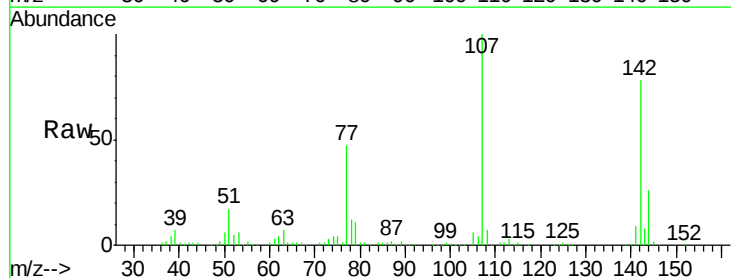
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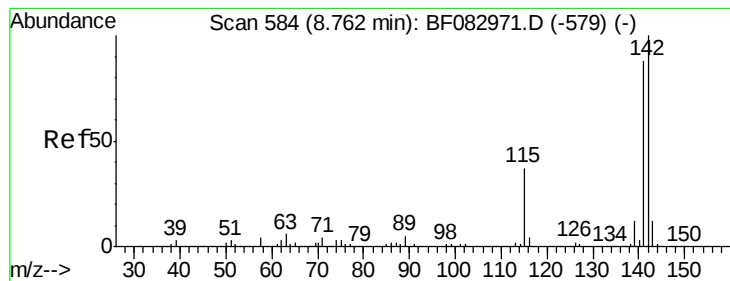
mohammad
 11/19/2015 8:25:06 AM



#36
 4-Chloro-3-methylphenol
 Concen: 40.77 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

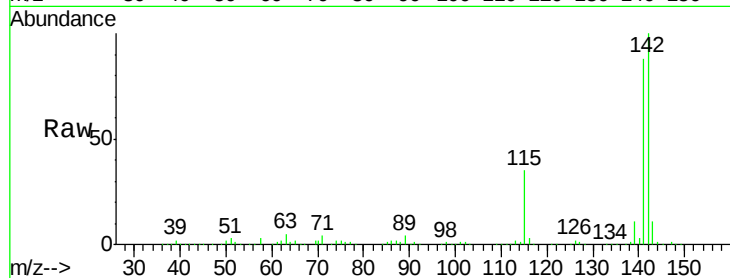
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	517143		
144	26.1	15.4	23.0#	
142	78.1	47.8	71.8#	





#37
2-Methylnaphthalene
Concen: 42.38 ng m
RT: 8.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

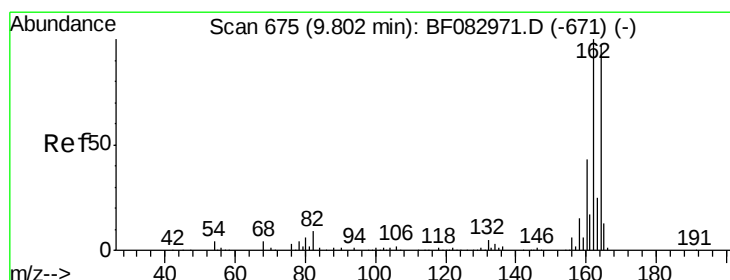
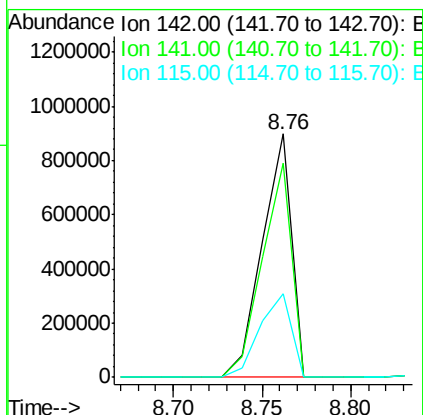
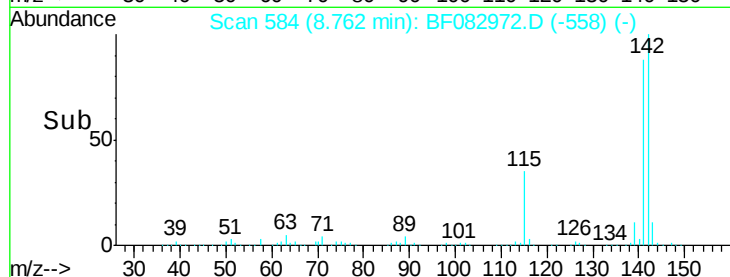
Instrument :
BNA_F
ClientSampleId :
PB86421BS



Tgt Ion:142 Resp: 1024162
Ion Ratio Lower Upper
142 100
141 87.9 72.3 108.5
115 34.5 38.1 57.1#

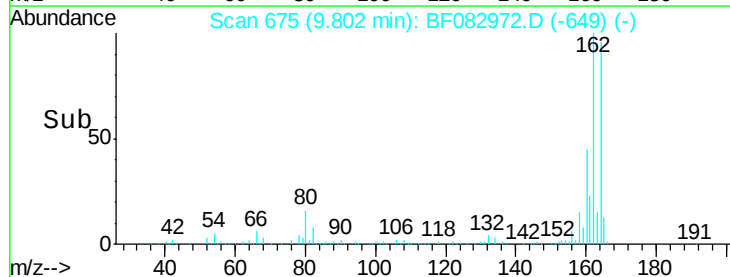
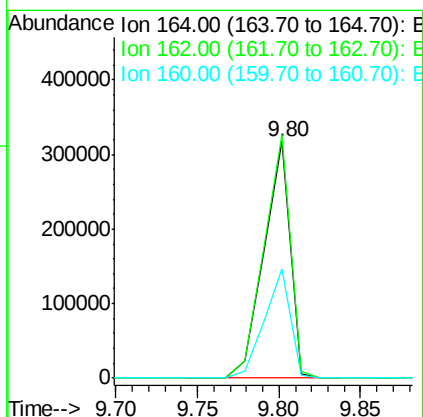
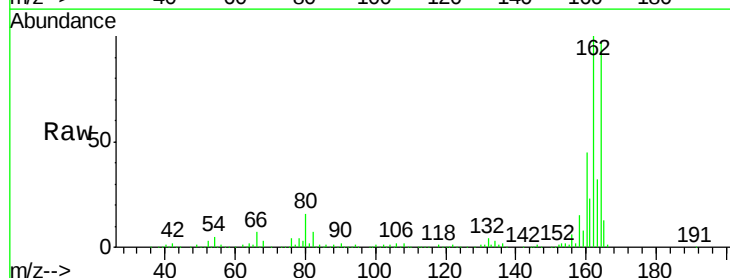
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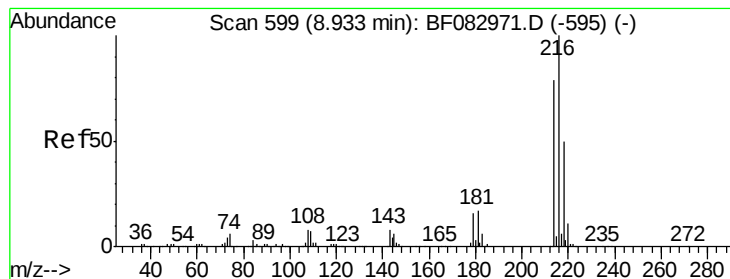
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion:164 Resp: 354523
Ion Ratio Lower Upper
164 100
162 102.7 84.9 127.3
160 45.8 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.63 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082972.D

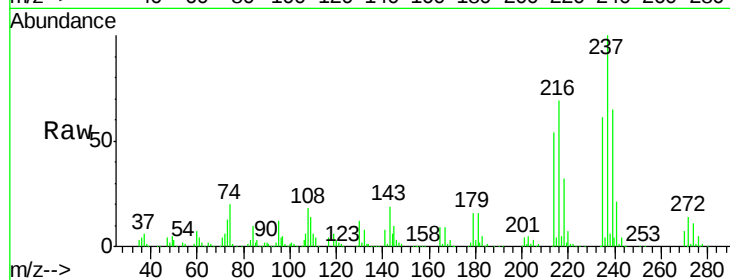
Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS



Tgt Ion: 216 Resp: 415115

Ion Ratio Lower Upper

216 100

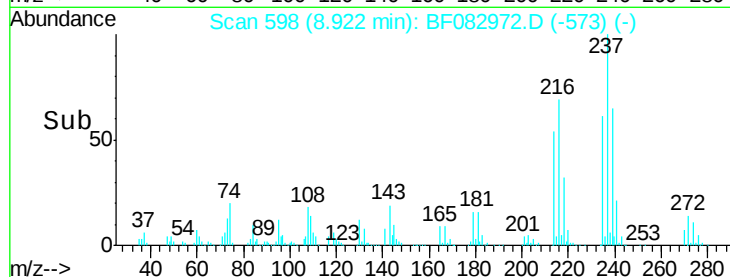
214 77.7 62.2 93.2

179 20.8 18.1 27.1

108 21.4 16.6 25.0

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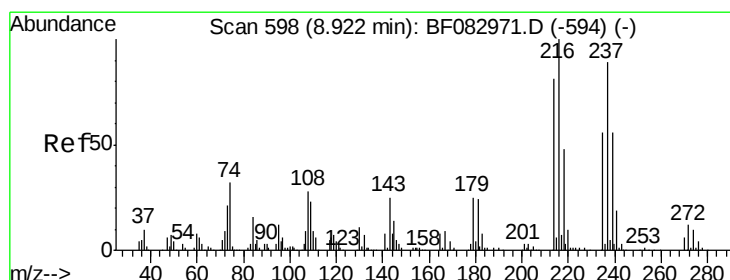
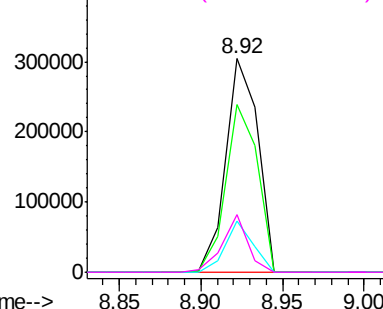


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.70 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

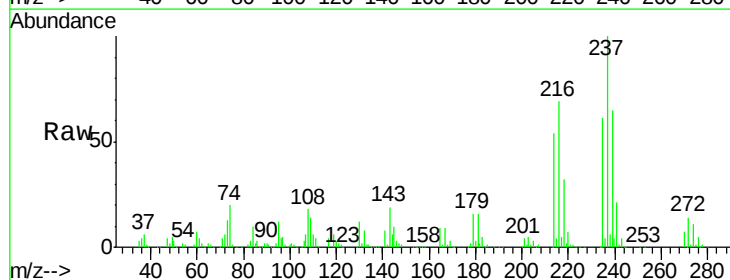
Tgt Ion: 237 Resp: 517631

Ion Ratio Lower Upper

237 100

235 61.3 44.3 84.3

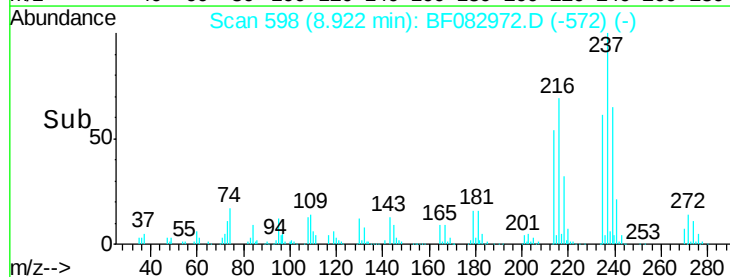
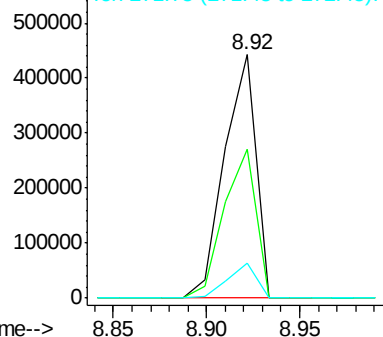
272 14.3 0.0 31.9

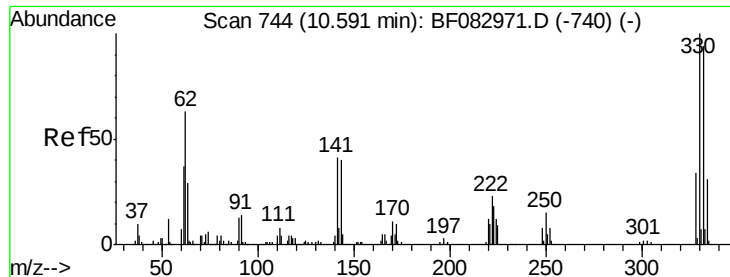


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





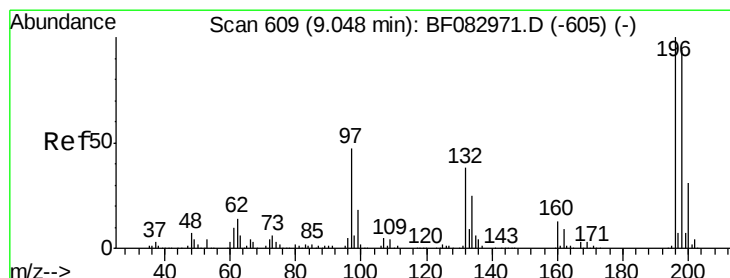
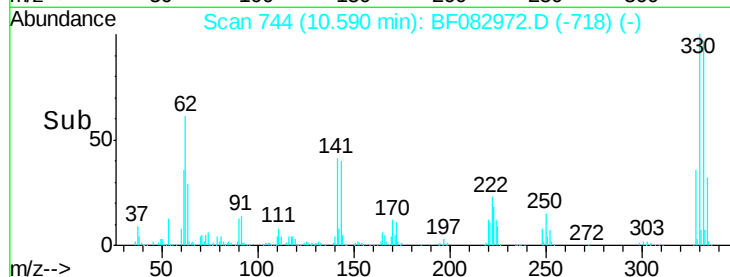
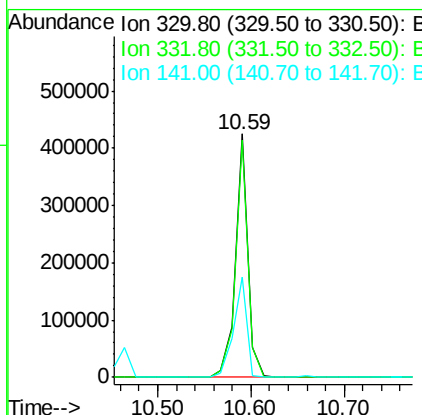
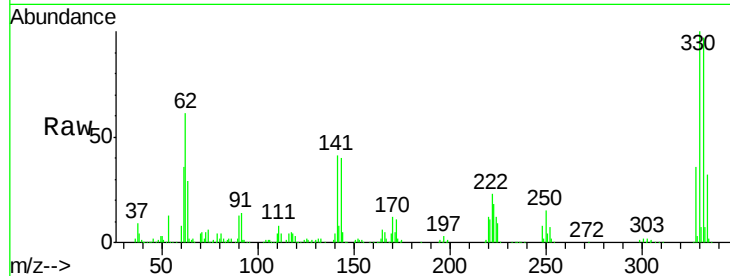
#41
 2,4,6-Tribromophenol
 Concen: 98.38 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	399915		
332	97.0	76.6	114.8	
141	43.7	41.2	61.8	

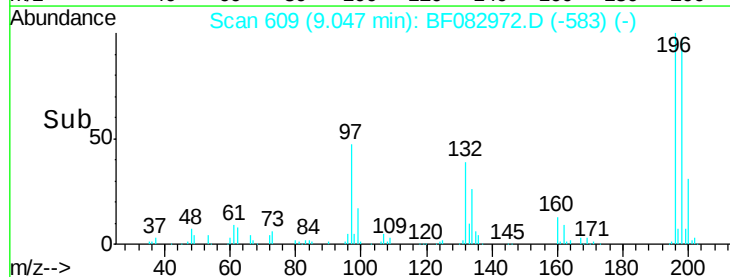
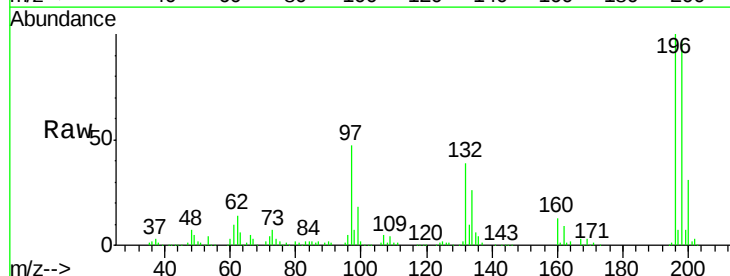
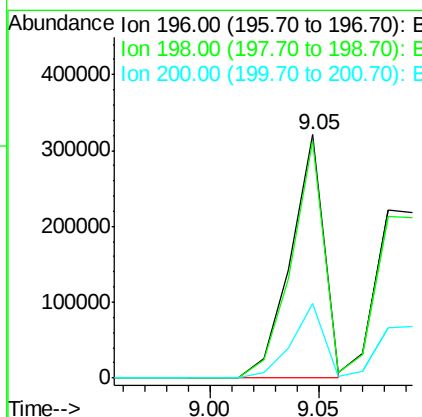
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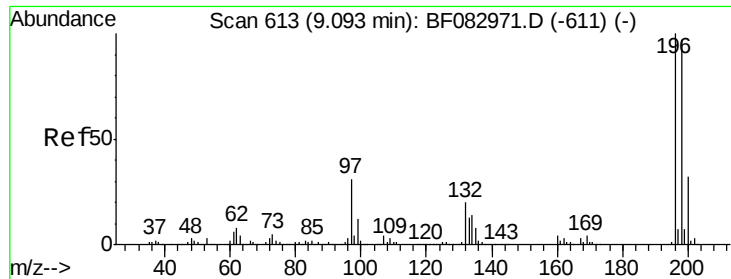
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 39.17 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

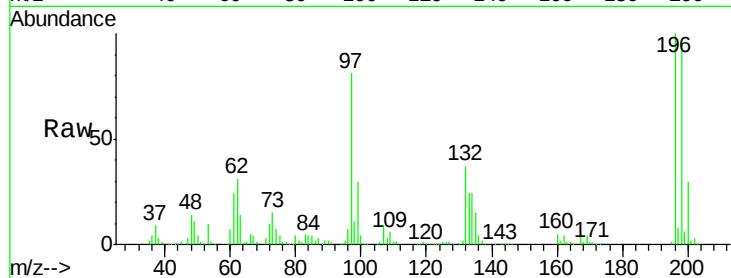
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340653		
198	97.4	76.3	114.5	
200	30.8	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 38.54 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

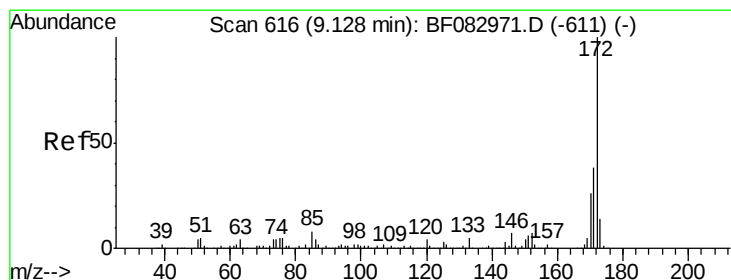
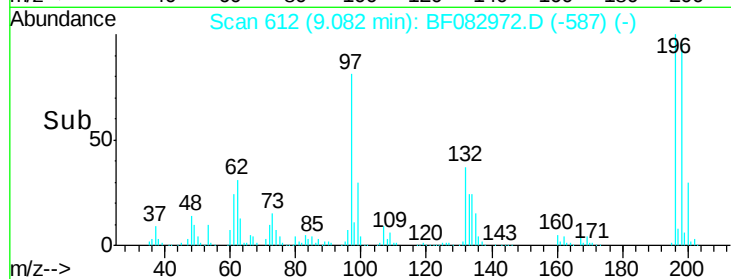
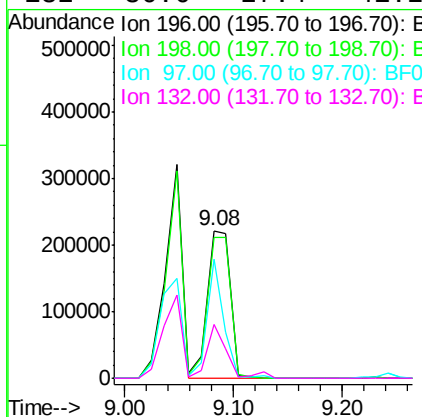
Instrument :
 BNA_F
 ClientSampleID :
 PB86421BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	331521		
198	95.7	75.8	113.8	
97	80.8	62.3	93.5	
132	36.6	27.4	41.2	

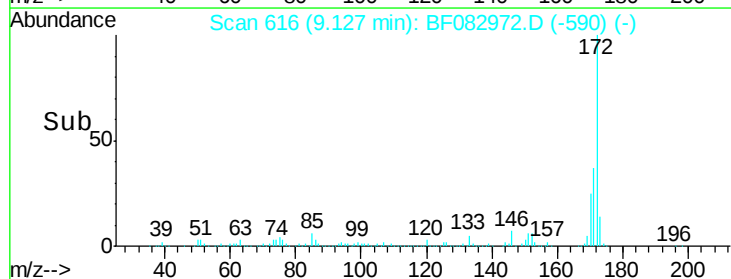
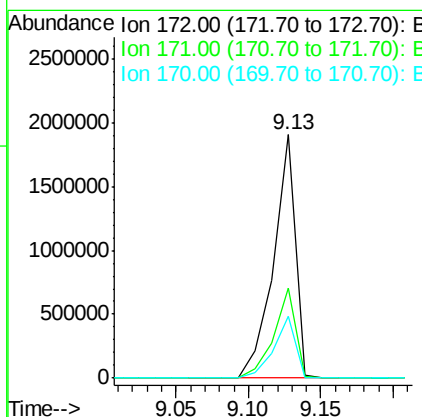
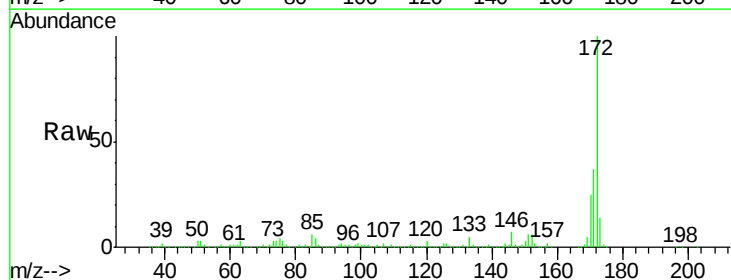
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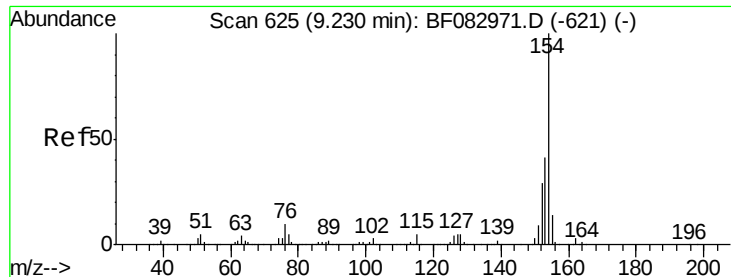
mohammad
 11/19/2015 8:25:06 AM



#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2002292		
171	37.0	30.8	46.2	
170	25.3	21.2	31.8	





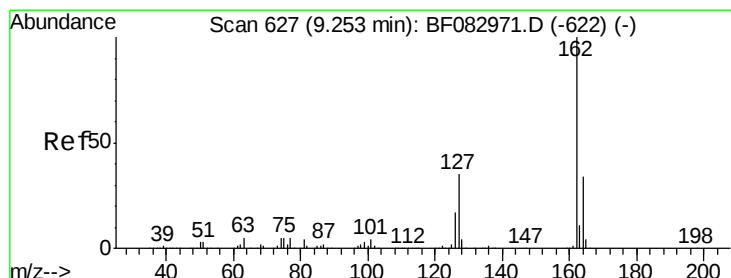
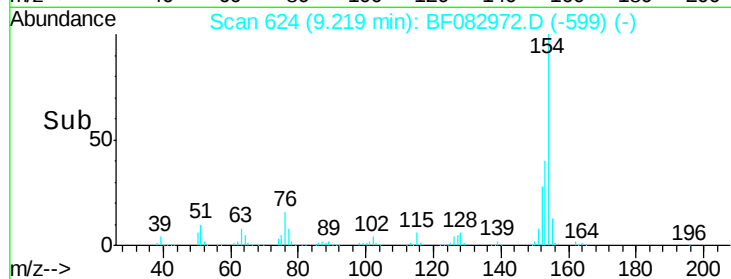
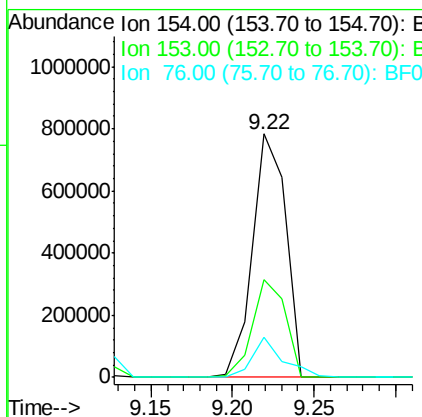
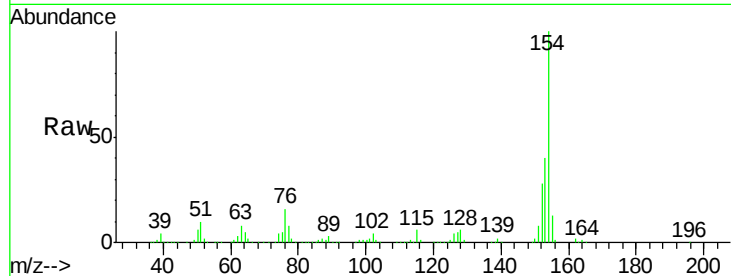
#45
1,1'-Biphenyl
Concen: 36.45 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:154 Resp: 1108851
Ion Ratio Lower Upper
154 100
153 40.3 22.0 62.0
76 16.4 0.0 29.0

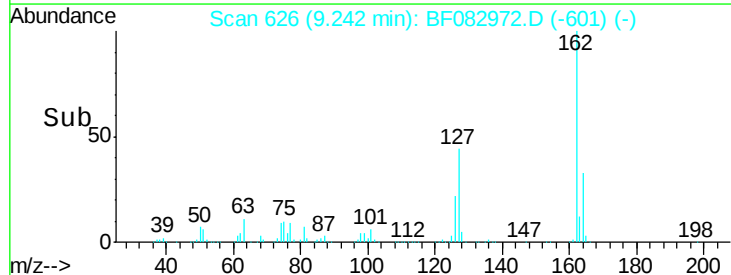
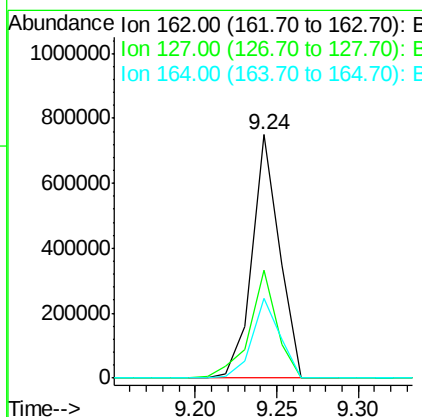
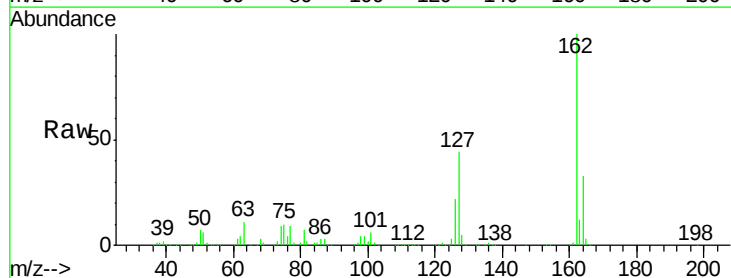
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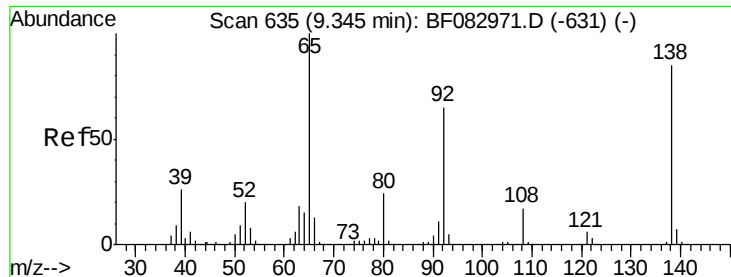
mohammad
11/19/2015 8:25:06 AM



#46
2-Chloronaphthalene
Concen: 36.80 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion:162 Resp: 873147
Ion Ratio Lower Upper
162 100
127 44.2 32.7 49.1
164 32.8 27.4 41.0





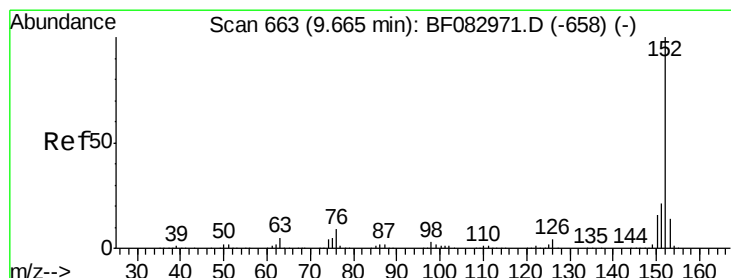
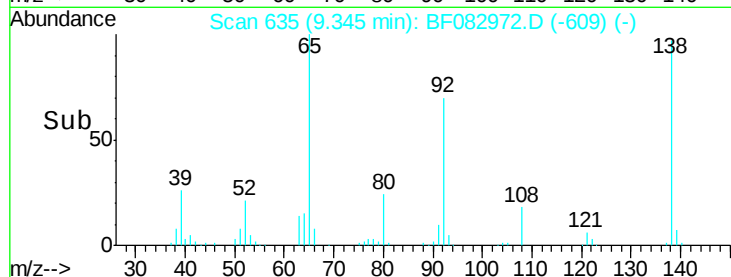
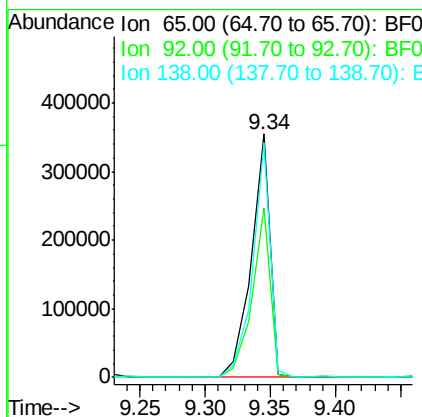
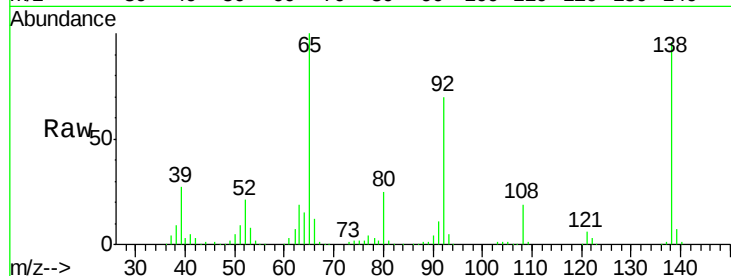
#47
2-Nitroaniline
Concen: 40.33 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	46.6	70.0
138	96.2	54.6	81.8

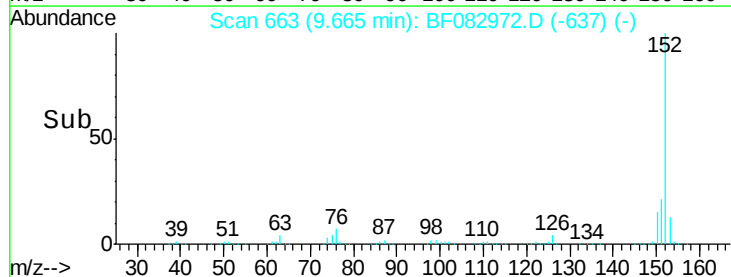
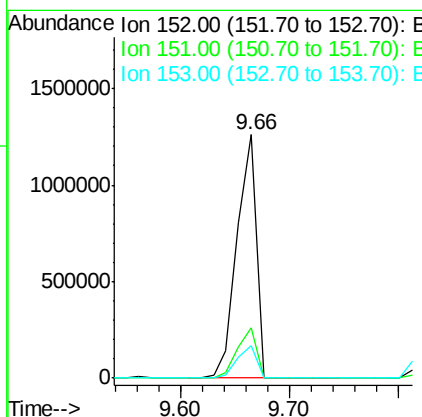
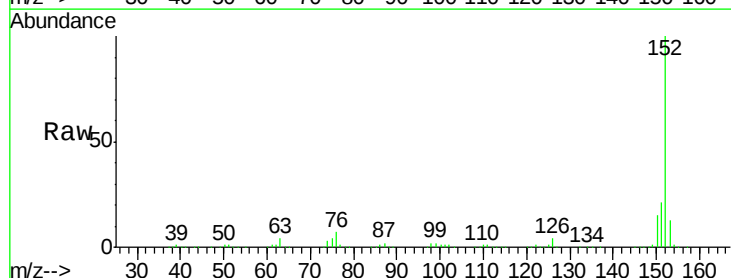
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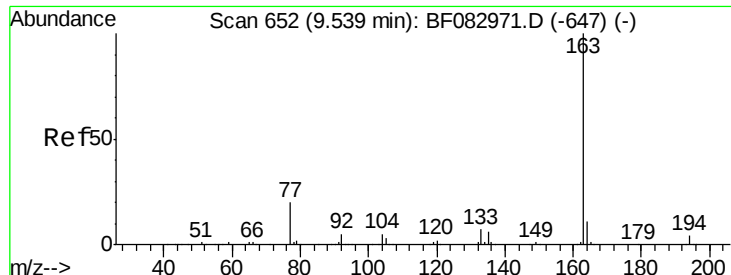
mohammad
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#48
Acenaphthylene
Concen: 41.03 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.3	25.9
153	13.3	11.3	16.9





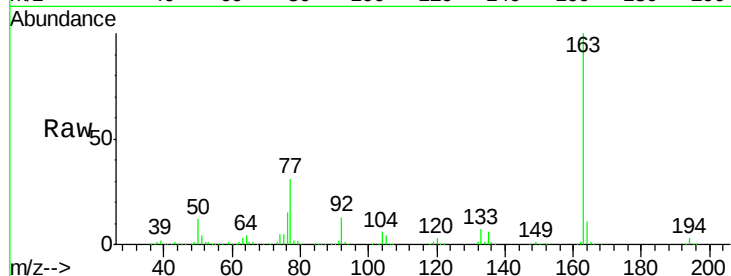
#49
Dimethylphthalate
Concen: 38.11 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

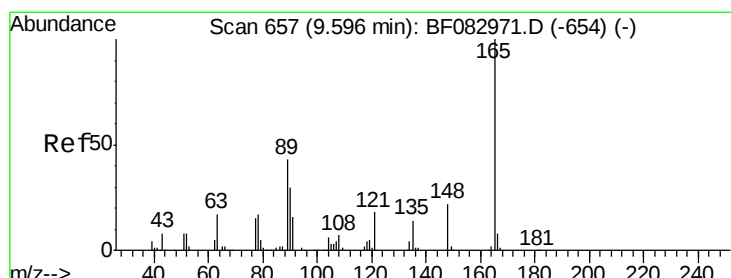
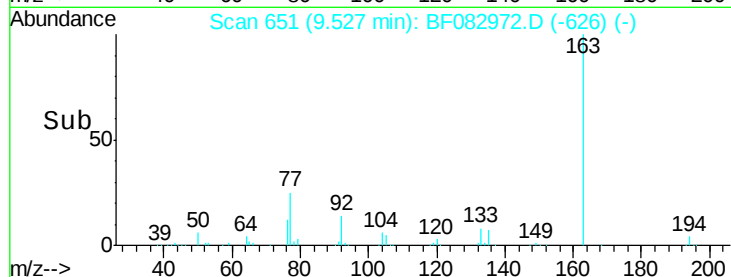
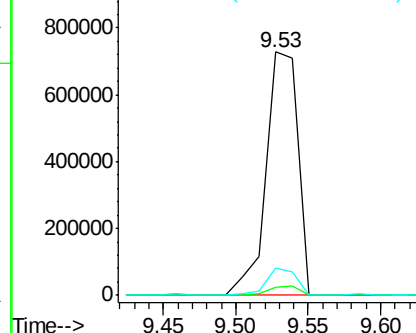
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.0	8.7	13.1

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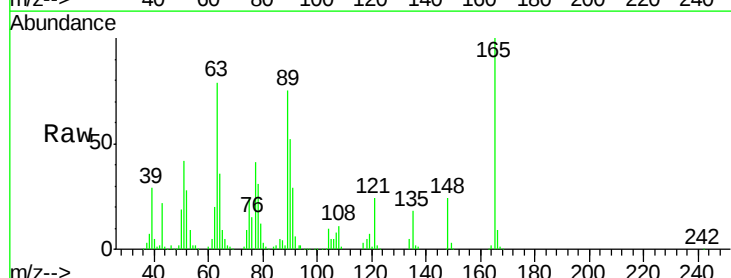


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

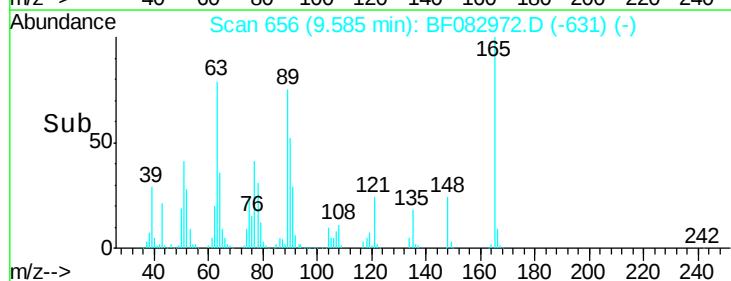
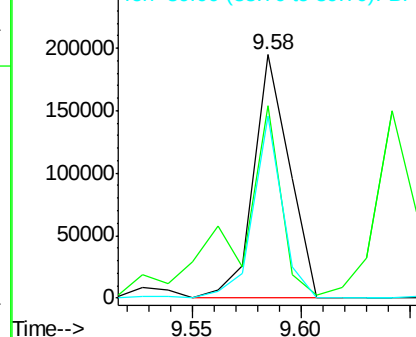


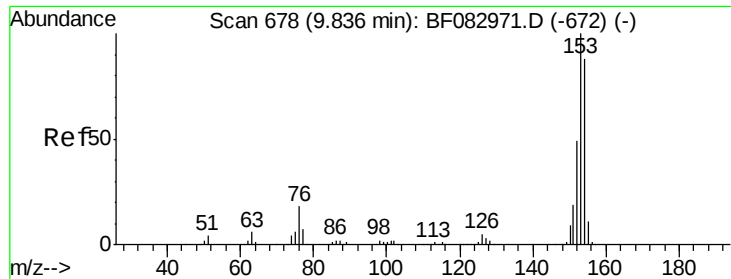
#50
2,6-Dinitrotoluene
Concen: 35.64 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.8	55.5	83.3
89	75.1	55.0	82.6



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





#51

Acenaphthene

Concen: 44.88 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:154 Resp: 1057725

Ion Ratio Lower Upper

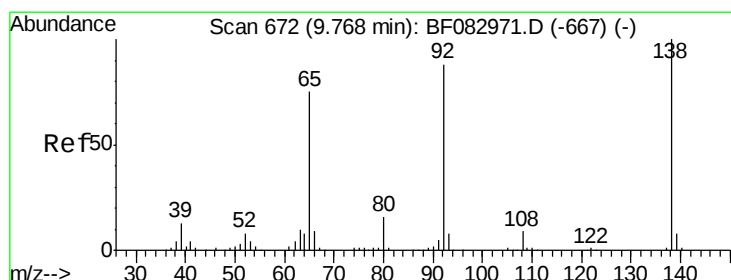
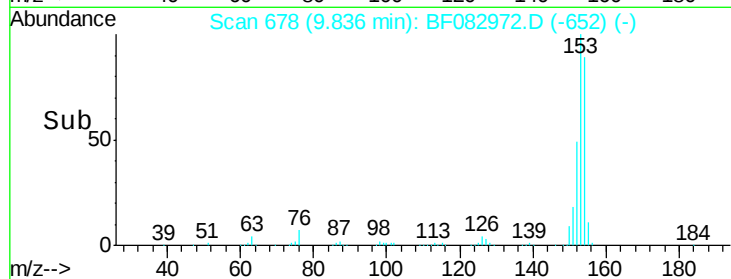
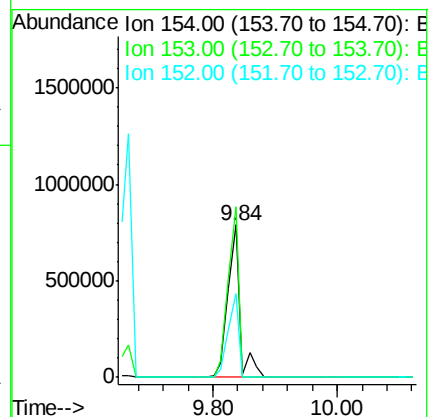
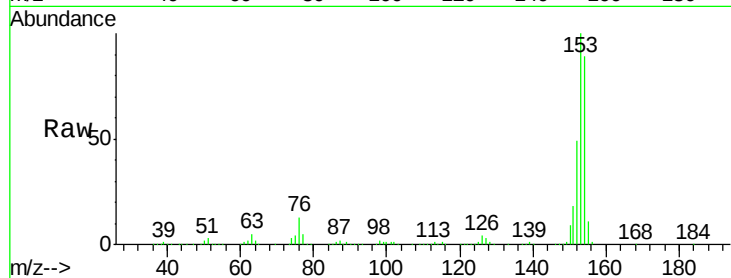
154 100

153 112.1 90.1 135.1

152 55.0 44.3 66.5

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#52

3-Nitroaniline

Concen: 9.19 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

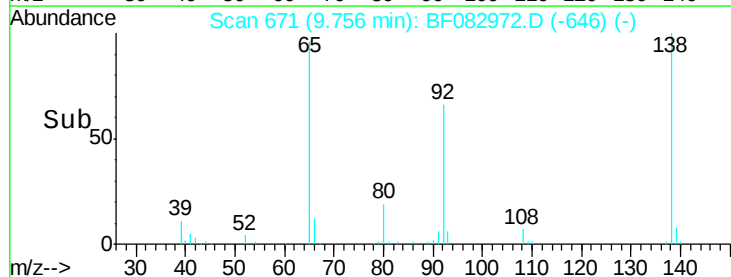
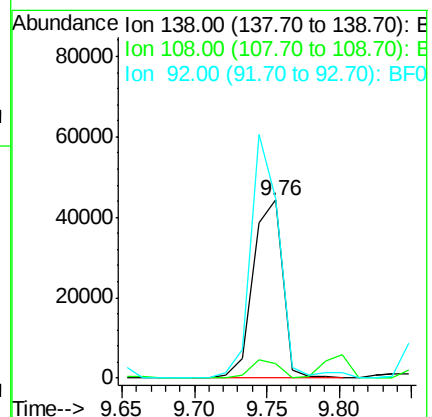
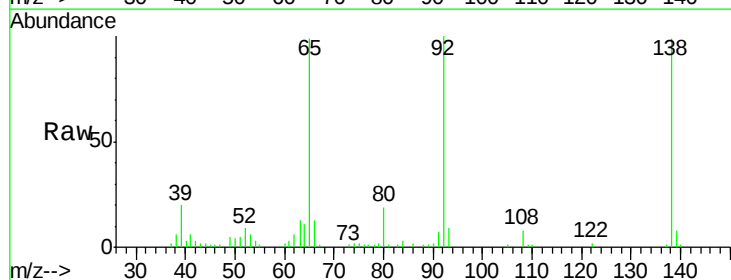
Tgt Ion:138 Resp: 62658

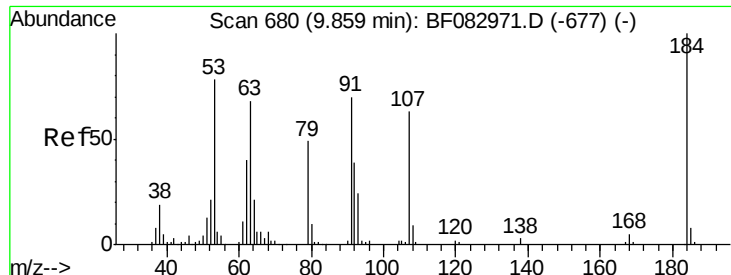
Ion Ratio Lower Upper

138 100

108 7.8 11.3 16.9#

92 100.9 122.4 183.6#





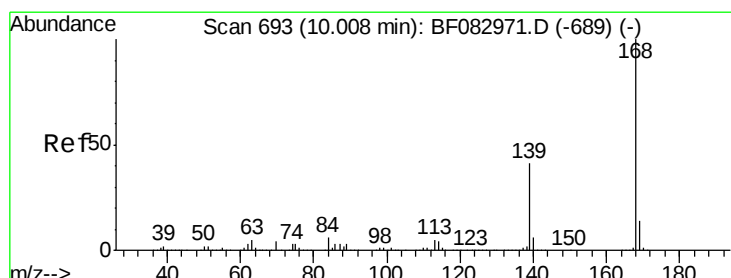
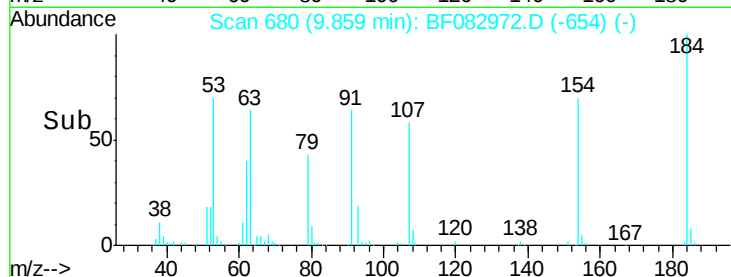
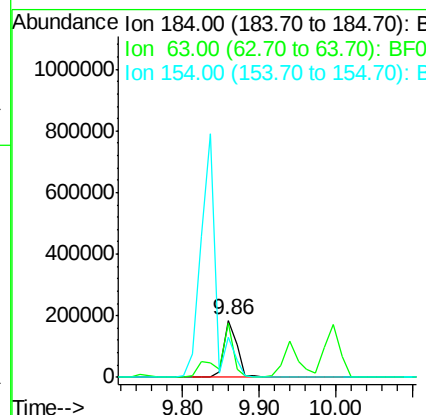
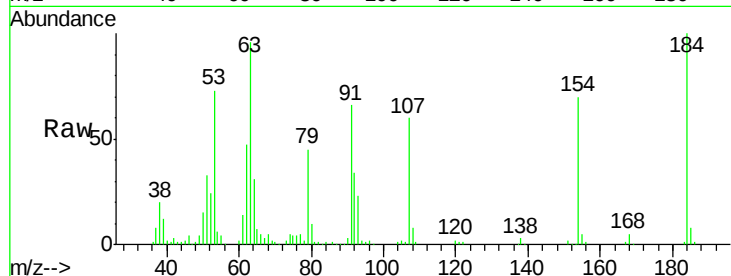
#53
2,4-Dinitrophenol
Concen: 67.79 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleID :
PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	230689		
63	95.6	98.6	148.0#	
154	69.6	183.9	275.9#	

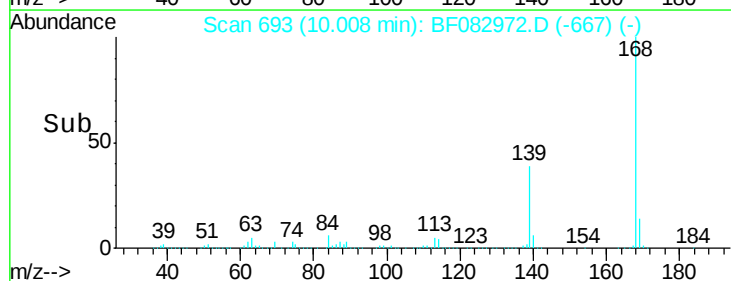
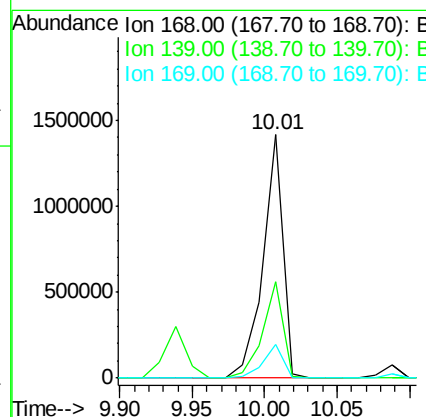
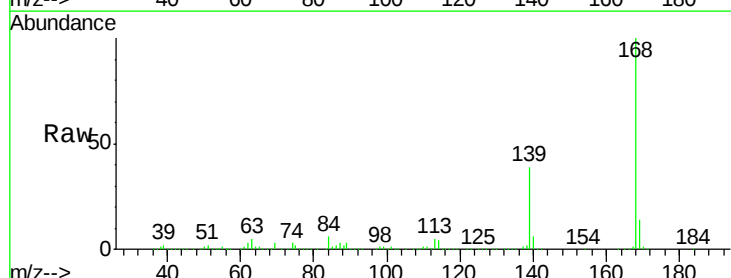
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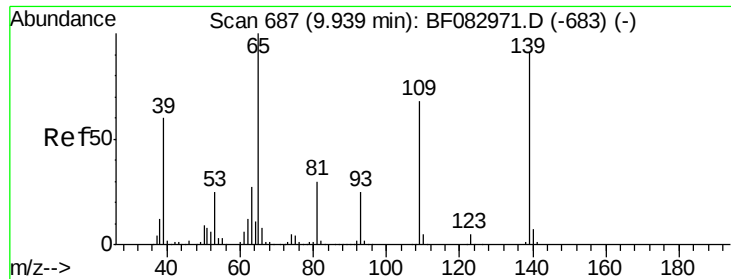
mohammad
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#54
Dibenzofuran
Concen: 42.49 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1350144		
139	39.4	37.8	56.6	
169	14.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 61.99 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:139 Resp: 324171
Ion Ratio Lower Upper

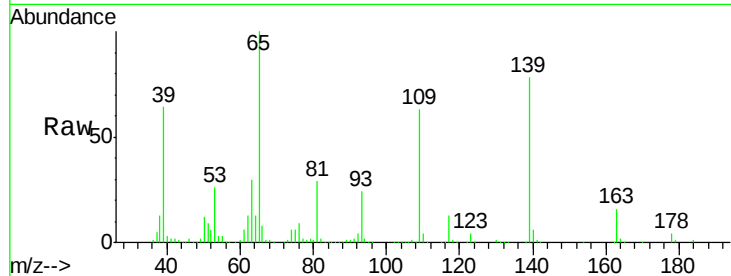
139 100

109 80.9 73.7 113.7

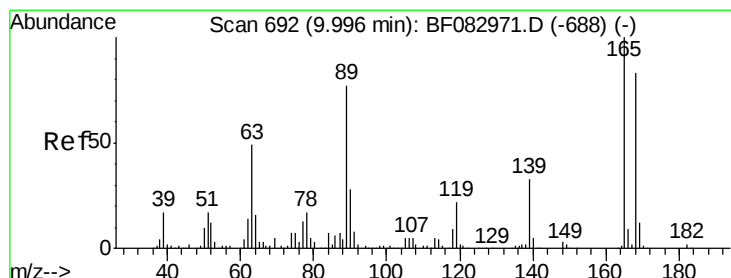
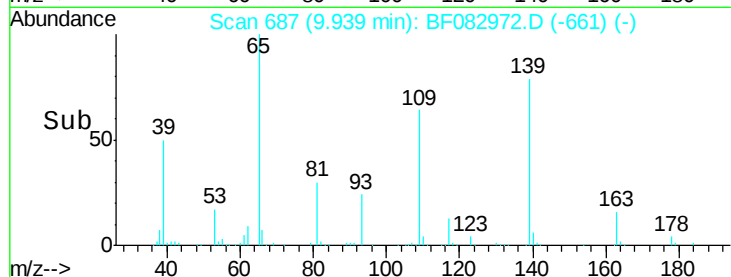
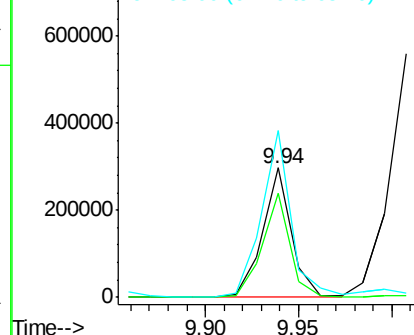
65 128.9 82.9 122.9#

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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: 43.61 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Tgt Ion:165 Resp: 366719
Ion Ratio Lower Upper

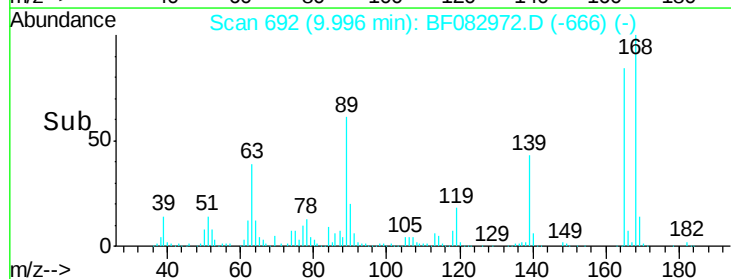
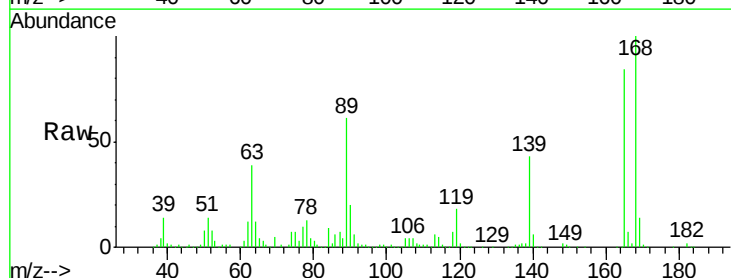
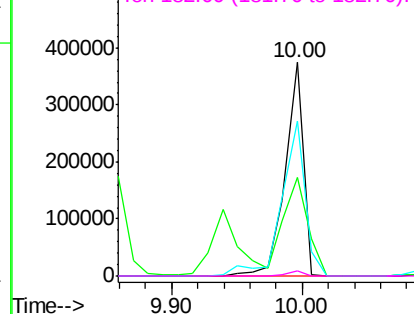
165 100

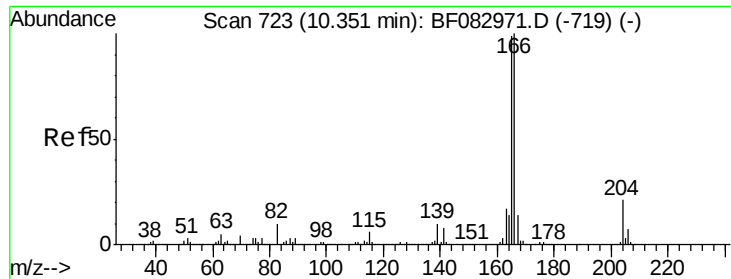
63 46.0 43.4 65.0

89 72.5 70.6 106.0

182 2.2 1.5 2.3

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: 42.16 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

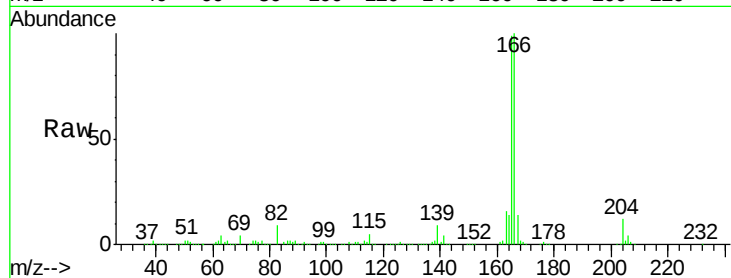
ClientSampleId :

PB86421BS

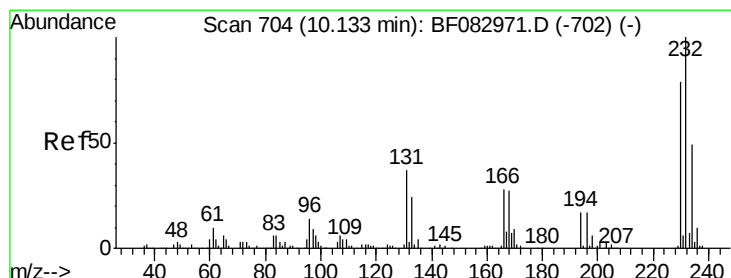
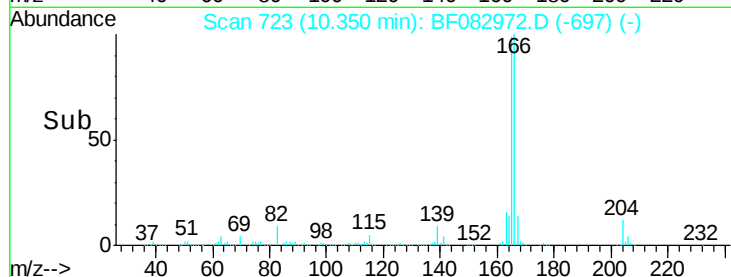
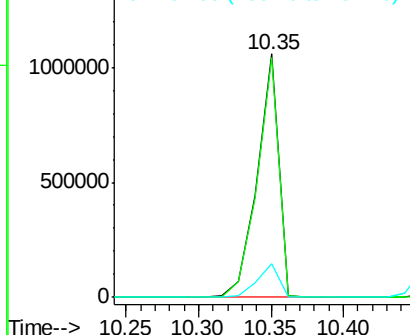
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Tgt Ion:	166	Resp:	1085083
Ion Ratio	Lower	Upper	
166	100		
165	98.5	80.2	120.4
167	13.7	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.77 ng

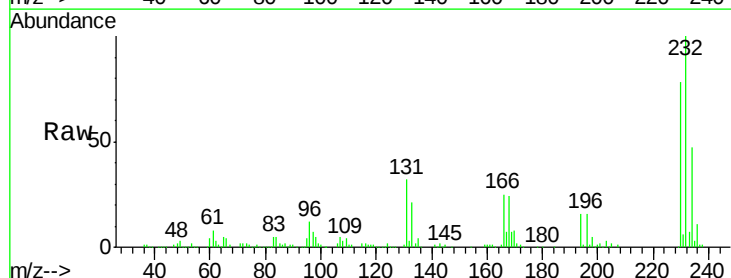
RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

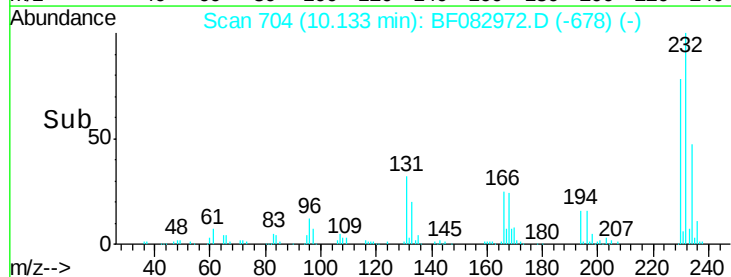
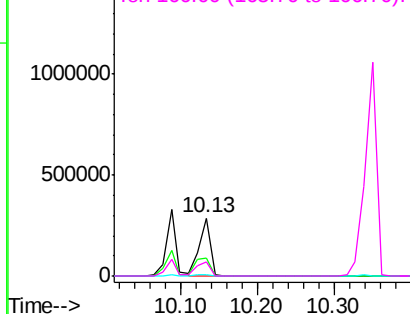
Lab File: BF082972.D

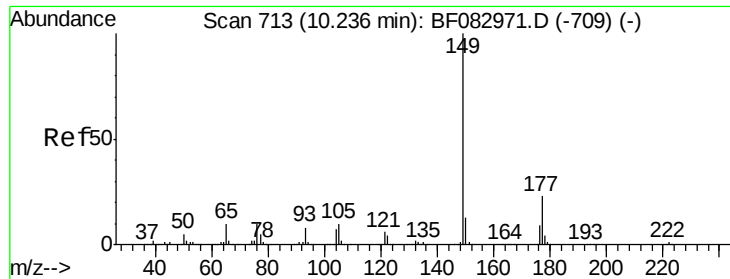
Acq: 17 Nov 2015 18:08

Tgt Ion:	232	Resp:	286184
Ion Ratio	Lower	Upper	
232	100		
131	43.7	46.2	69.2#
130	1.9	2.4	3.6#
166	29.5	28.2	42.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





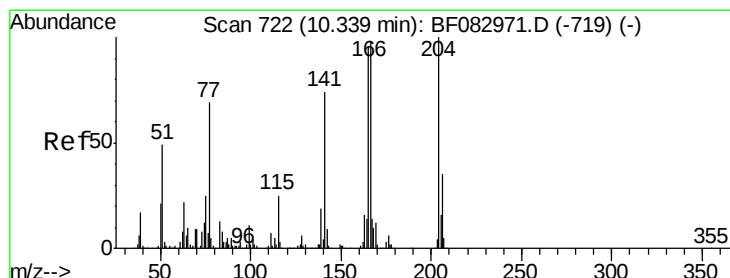
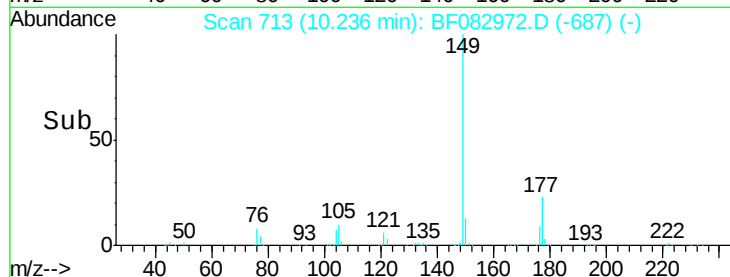
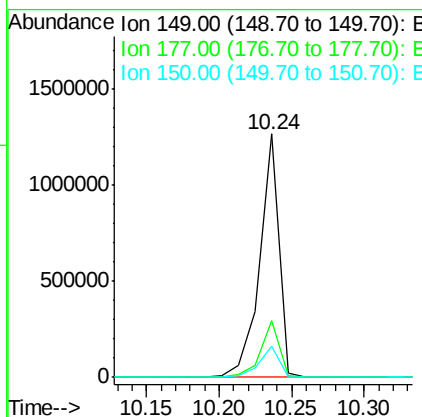
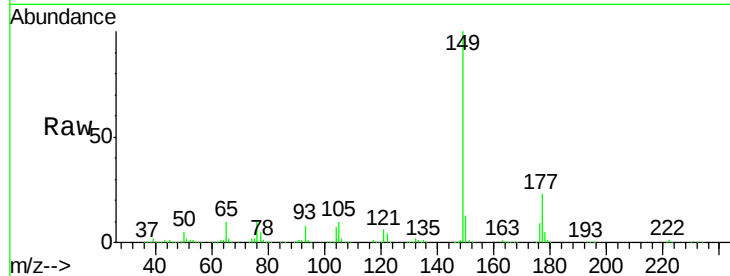
#59
Diethylphthalate
Concen: 41.24 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.9	26.9
150	13.0	10.1	15.1

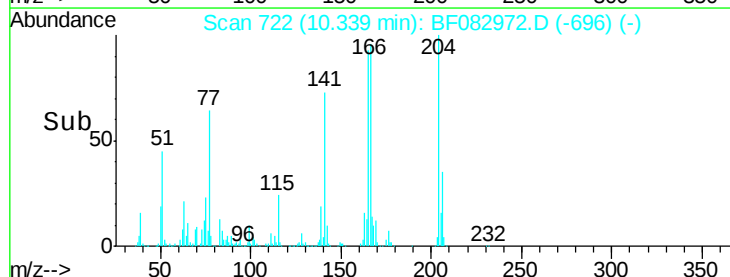
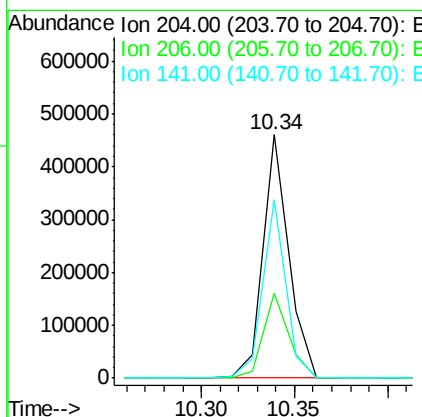
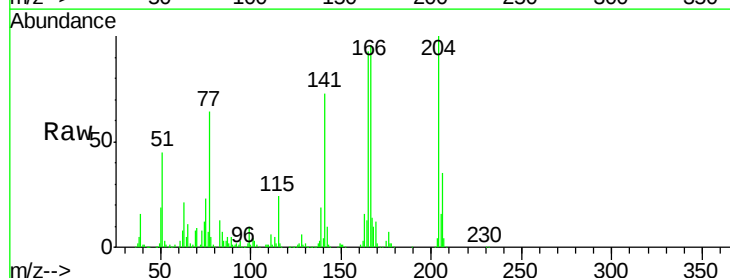
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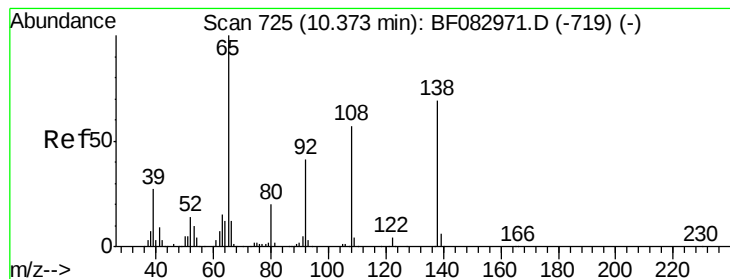
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 33.93 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	73.4	44.6	66.8#





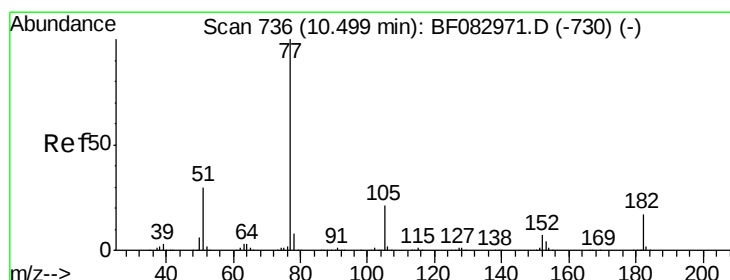
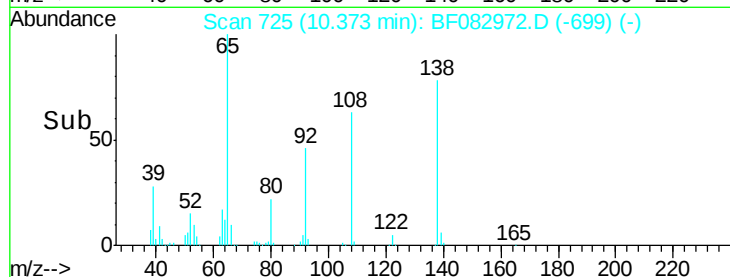
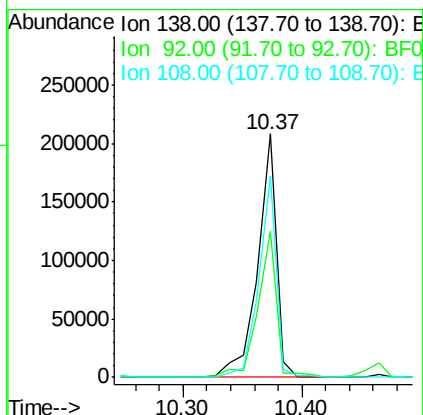
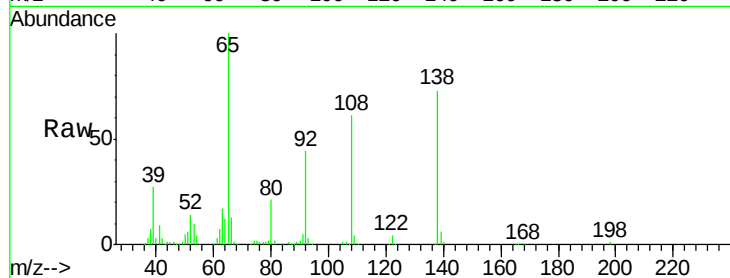
#61
4-Nitroaniline
Concen: 33.72 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.9	45.8	85.8
108	82.9	89.4	129.4

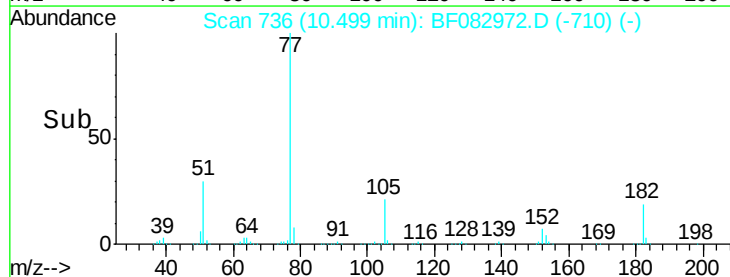
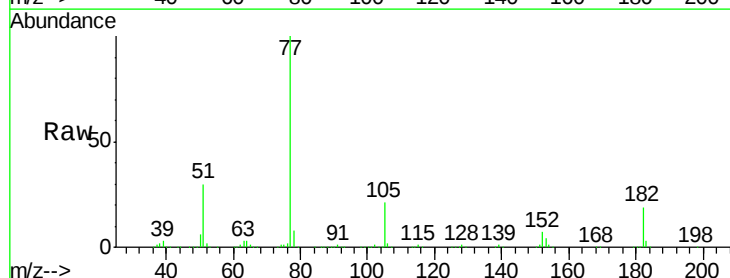
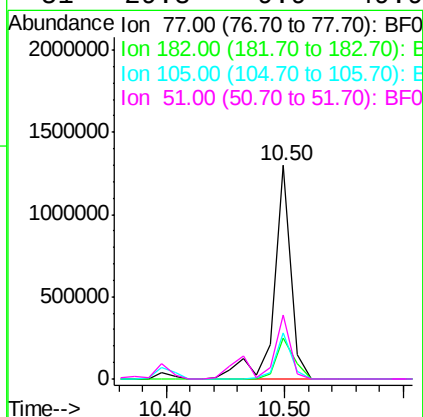
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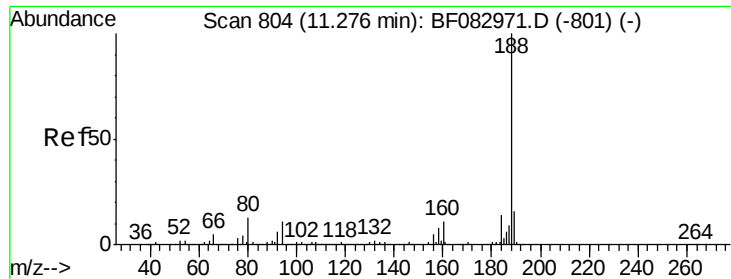
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#62
Azobenzene
Concen: 42.02 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	9.3	49.3
105	21.4	2.6	42.6
51	29.8	9.9	49.9





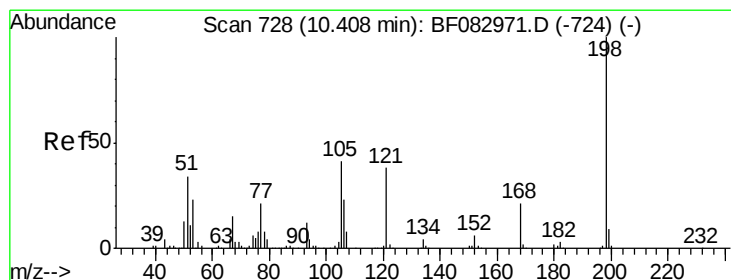
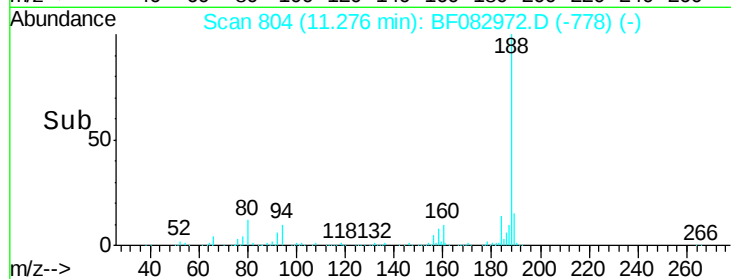
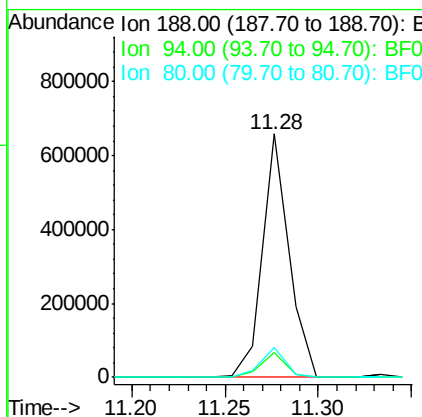
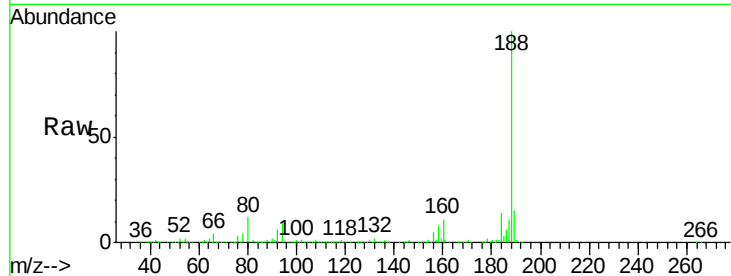
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	646529		
94	10.2	6.1	9.1#	
80	12.0	7.0	10.6#	

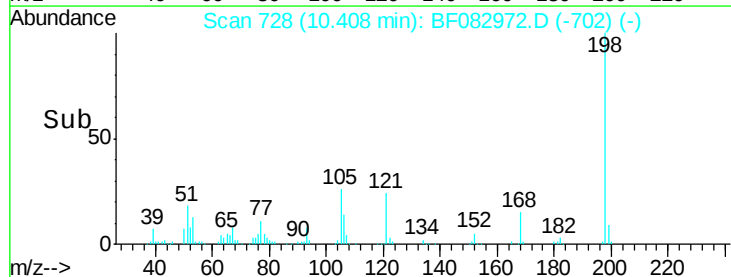
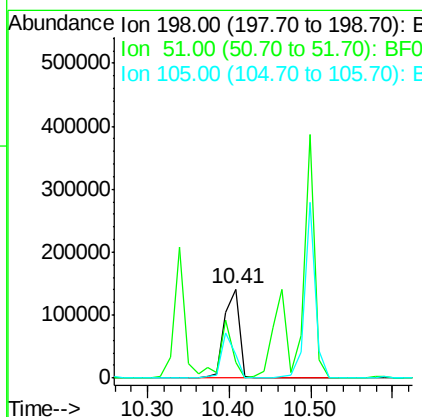
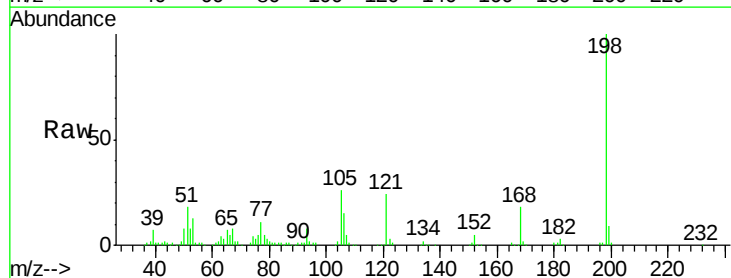
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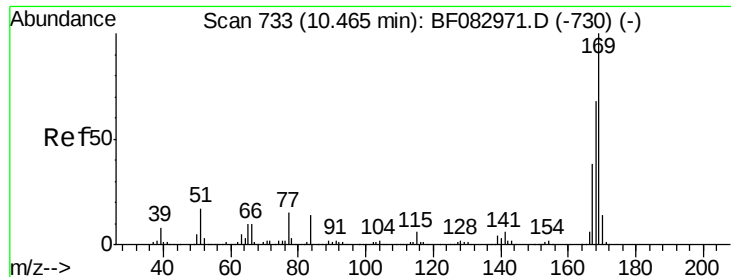
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.74 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	178420		
51	18.2	17.3	57.3	
105	26.2	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 39.78 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

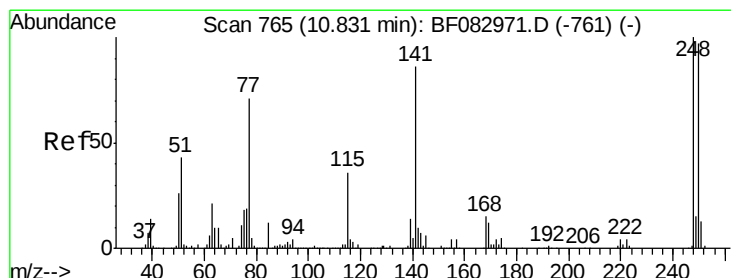
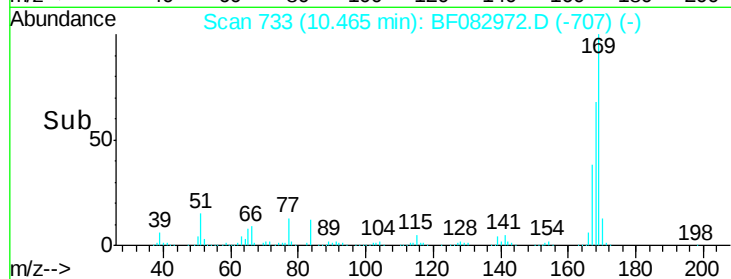
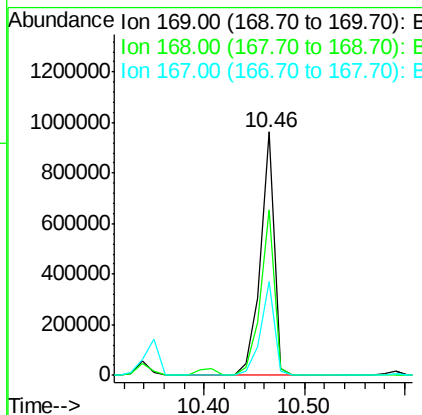
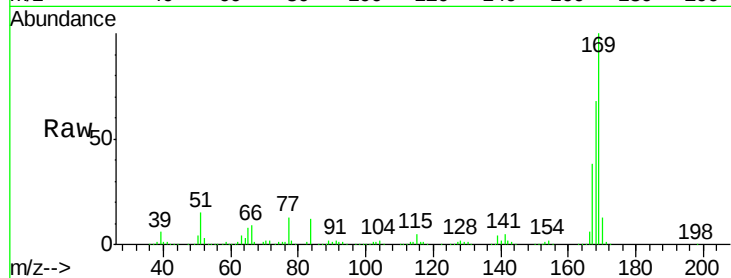
ClientSampleId :

PB86421BS

Tgt Ion:	169	Resp:	929020
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.0	82.6
167	38.4	30.5	45.7

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#66

4-Bromophenyl-phenylether

Concen: 41.27 ng

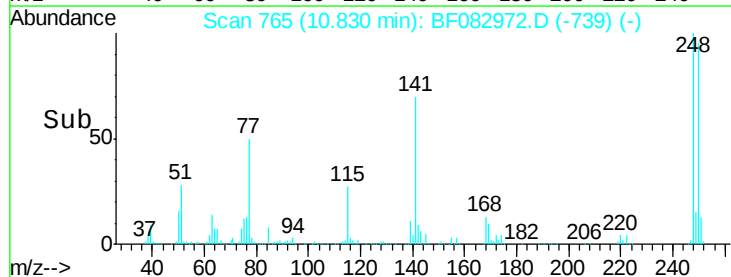
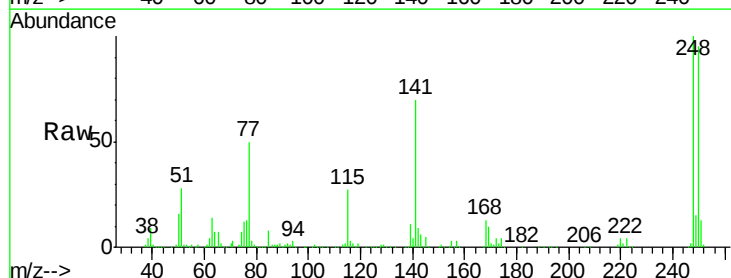
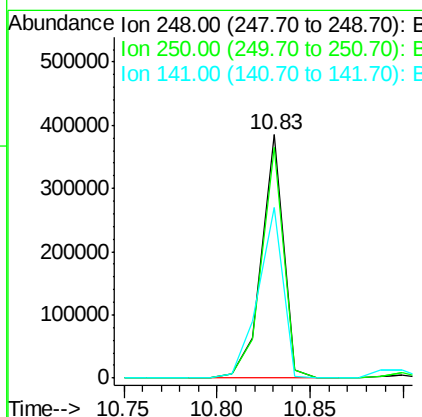
RT: 10.83 min Scan# 765

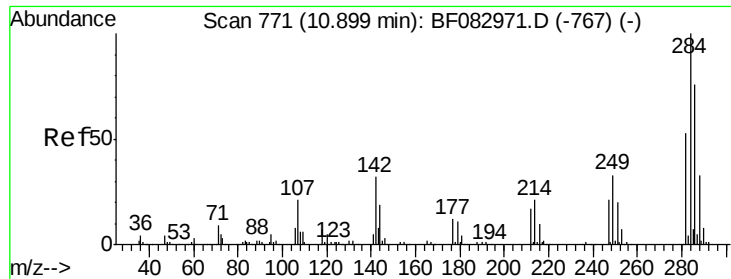
Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Tgt Ion:	248	Resp:	321308
Ion Ratio	Lower	Upper	
248	100		
250	94.7	79.4	119.2
141	69.9	36.3	54.5





#67

Hexachlorobenzene

Concen: 40.13 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF082972.D

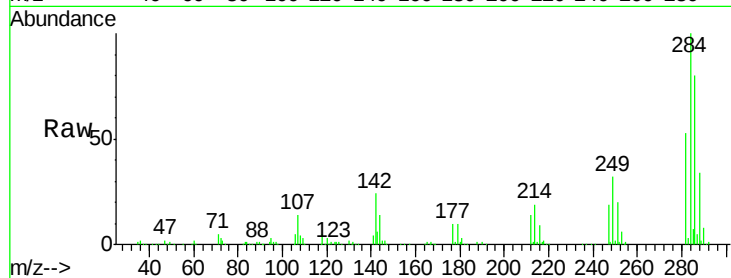
Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

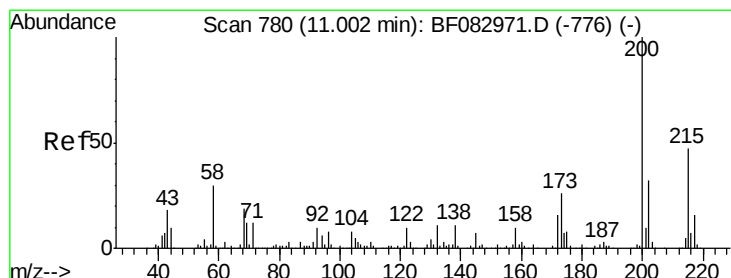
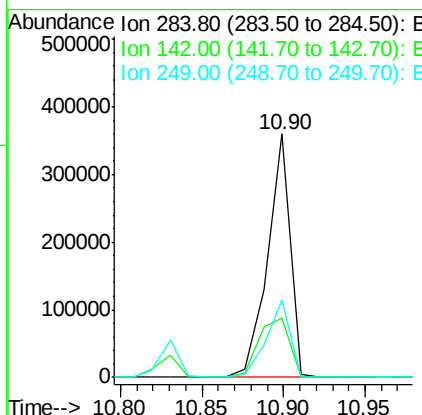
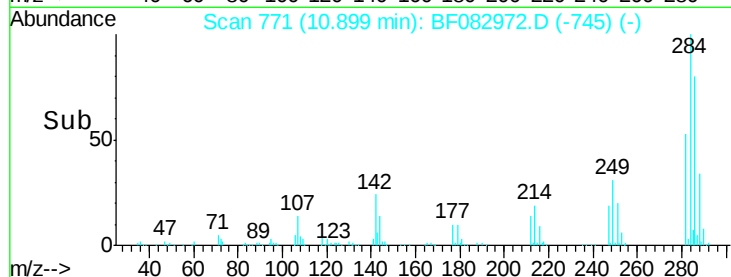
PB86421BS



Tgt Ion:	284	Resp:	348819
Ion Ratio	Lower	Upper	
284	100		
142	24.4	47.9	71.9#
249	31.6	29.7	44.5

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#68

Atrazine

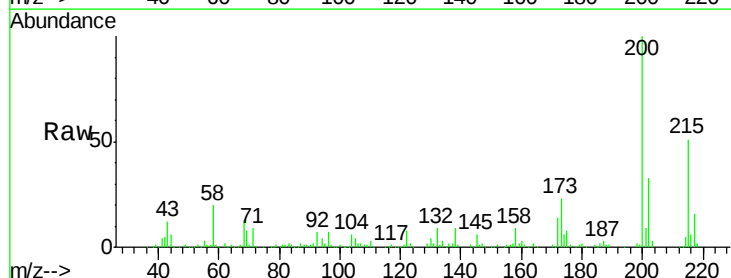
Concen: 46.00 ng

RT: 11.00 min Scan# 780

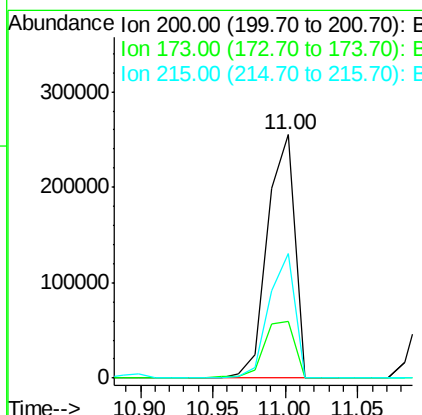
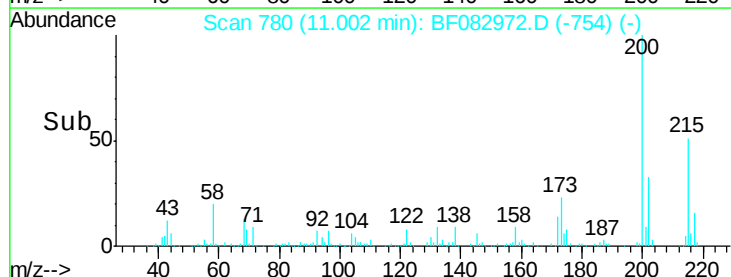
Delta R.T. -0.00 min

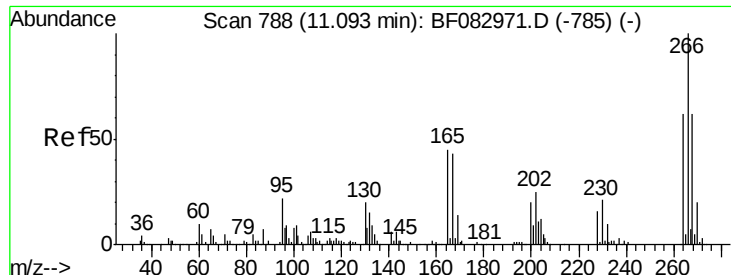
Lab File: BF082972.D

Acq: 17 Nov 2015 18:08



Tgt Ion:	200	Resp:	332244
Ion Ratio	Lower	Upper	
200	100		
173	23.3	6.9	46.9
215	51.0	22.9	62.9





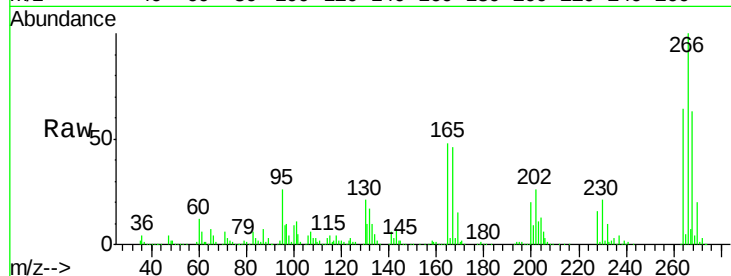
#69
 Pentachlorophenol
 Concen: 64.76 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

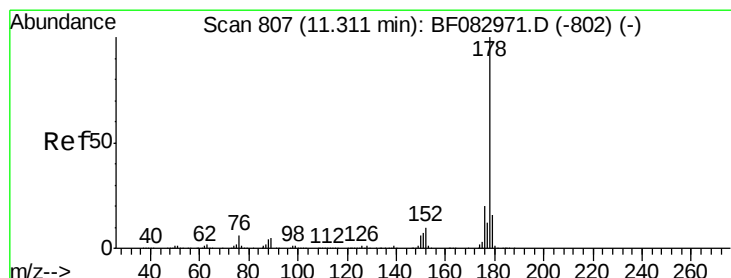
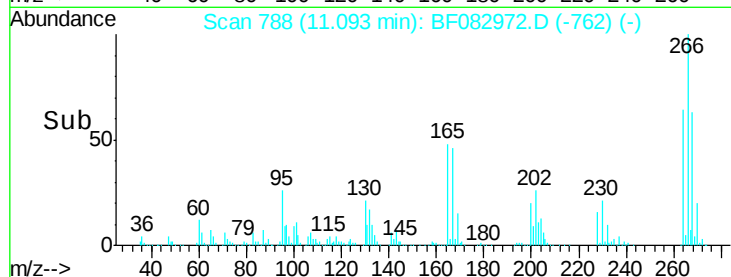
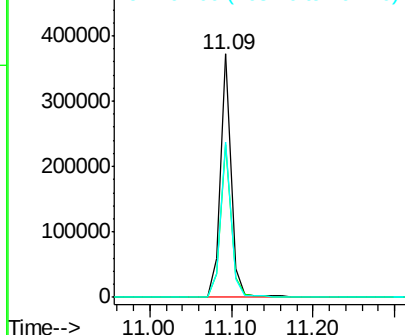
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	341856		
268	62.8	51.0	76.6	
264	63.6	50.6	75.8	

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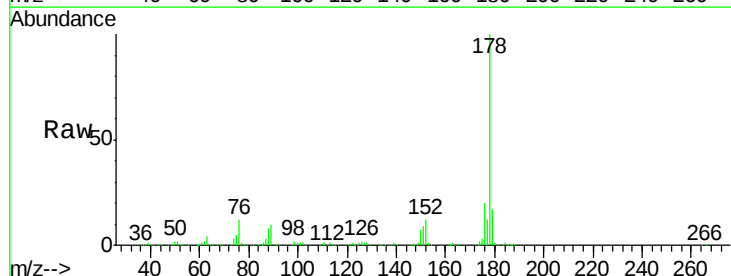


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

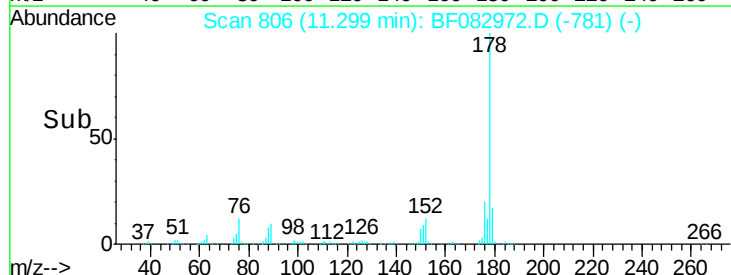
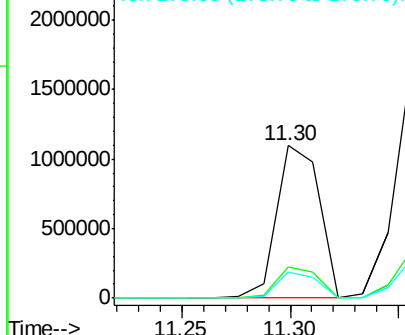


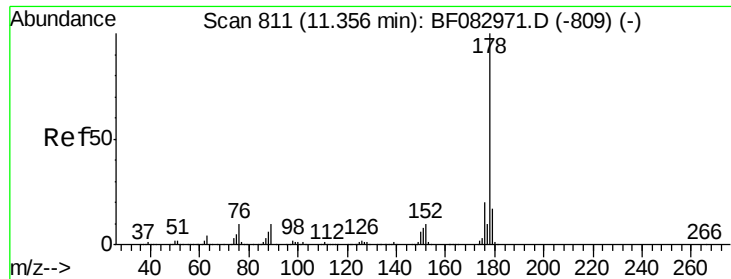
#70
 Phenanthrene
 Concen: 40.12 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1506306		
176	20.1	17.0	25.4	
179	16.9	13.4	20.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.22 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:178 Resp: 1590611

Ion Ratio Lower Upper

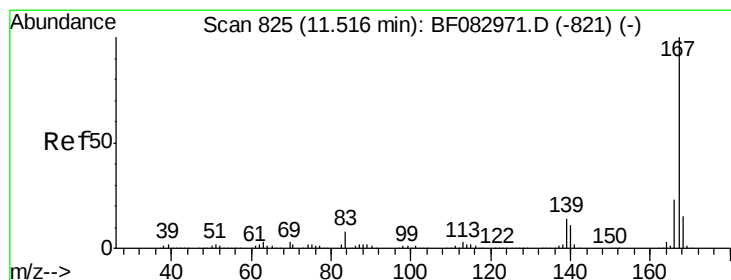
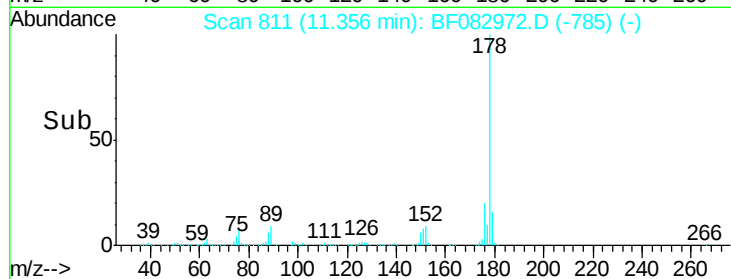
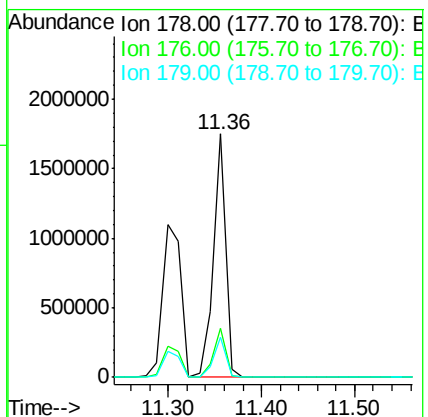
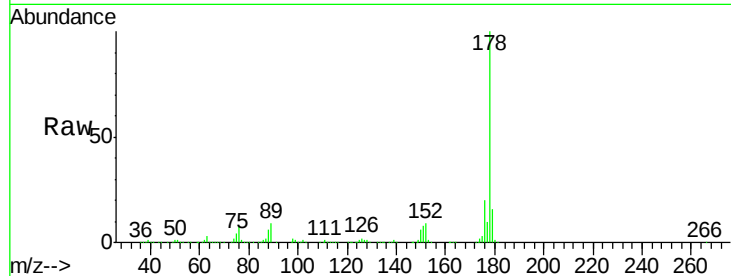
178 100

176 20.0 16.5 24.7

179 16.4 13.2 19.8

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#72

Carbazole

Concen: 42.37 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

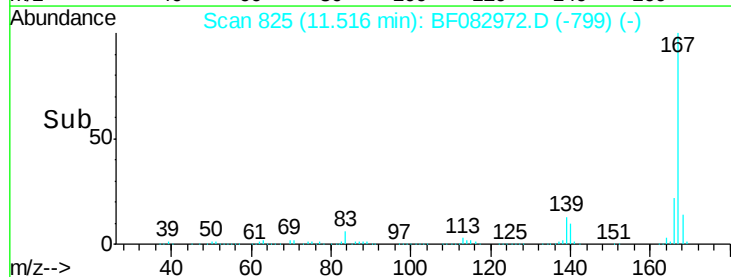
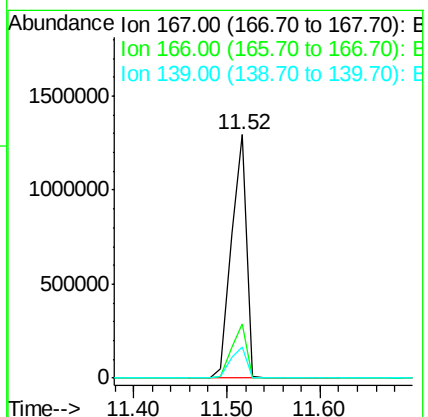
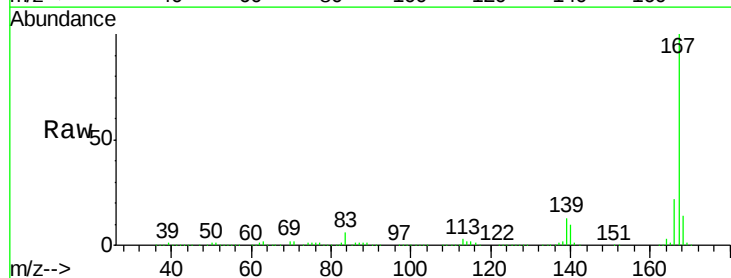
Tgt Ion:167 Resp: 1466809

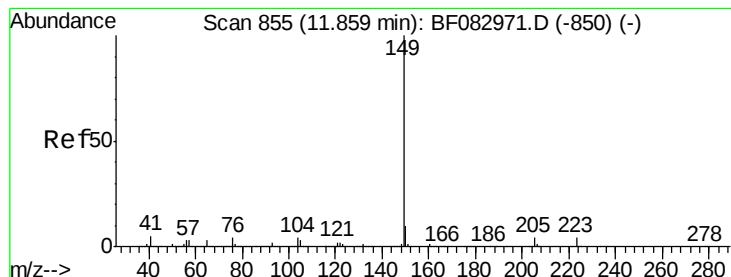
Ion Ratio Lower Upper

167 100

166 22.2 18.7 28.1

139 12.8 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.32 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:149 Resp: 1695875

Ion Ratio Lower Upper

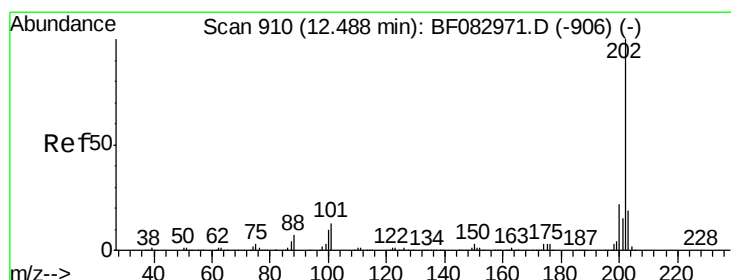
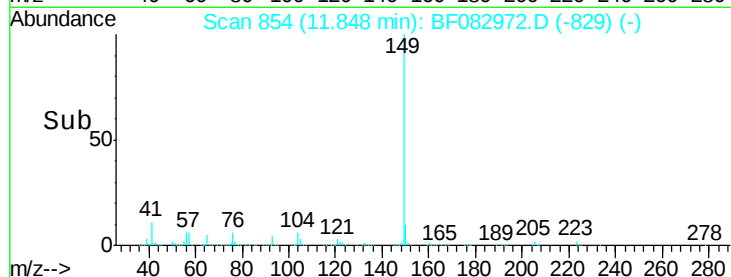
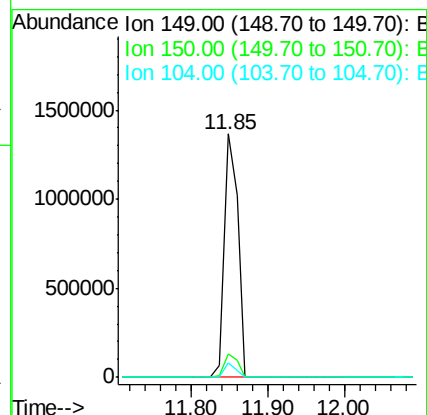
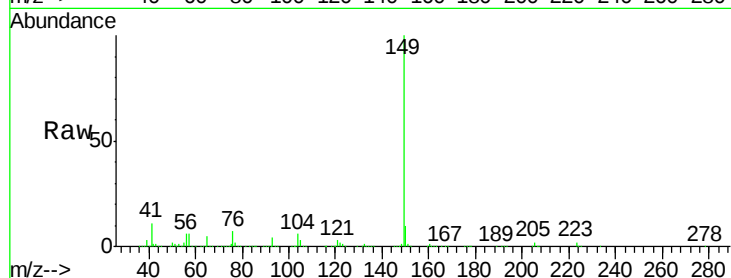
149 100

150 9.6 8.1 12.1

104 5.8 5.2 7.8

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#74

Fluoranthene

Concen: 38.66 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

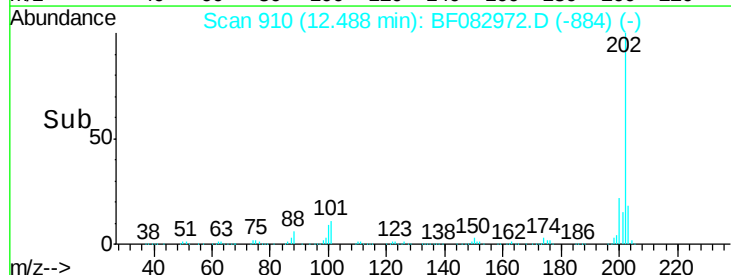
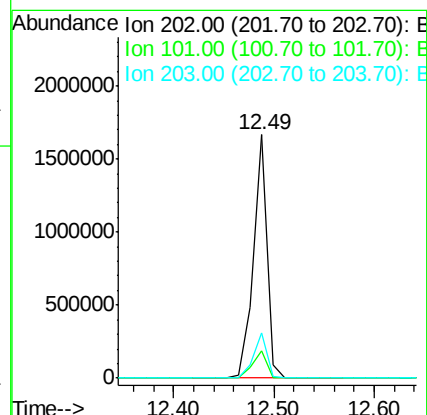
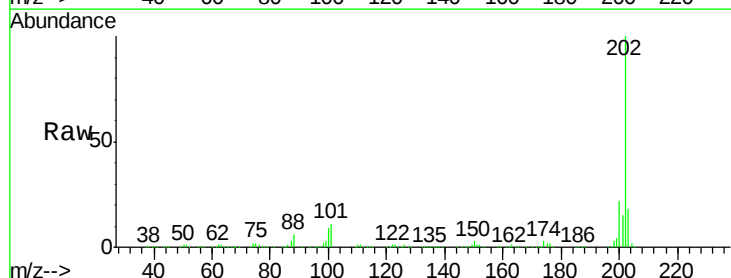
Tgt Ion:202 Resp: 1557731

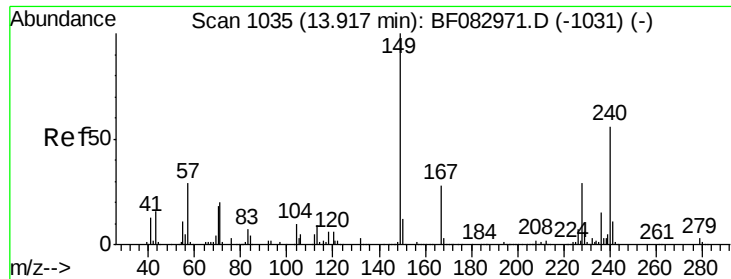
Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

203 18.5 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

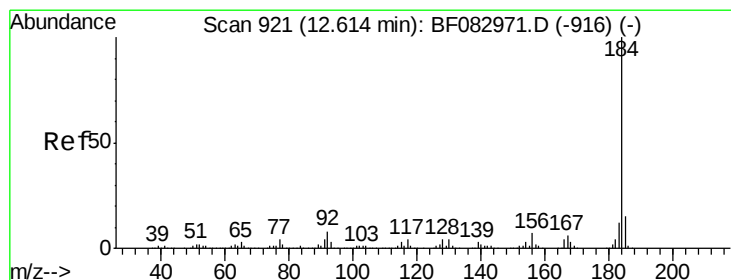
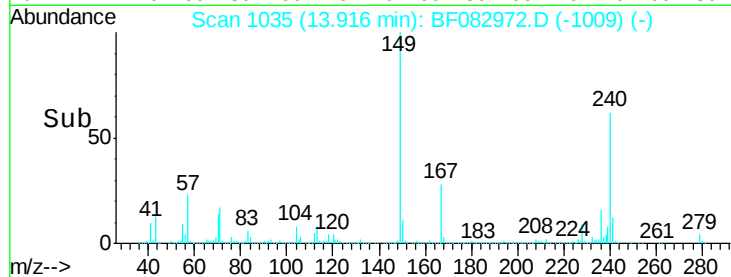
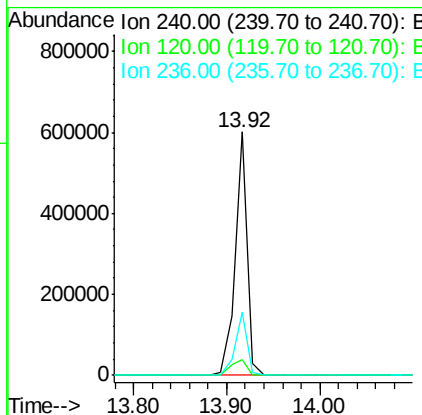
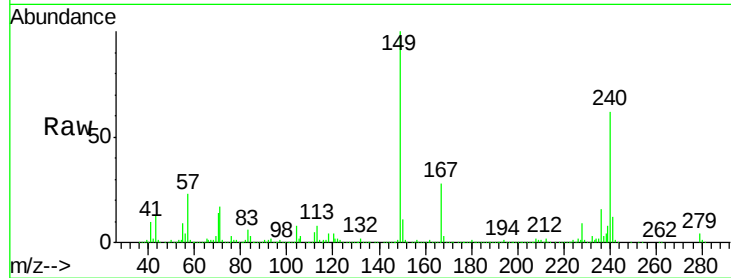
ClientSampleId :

PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	542950		
120	6.7	10.9	16.3	
236	26.0	21.6	32.4	

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#76

Benzidine

Concen: 45.28 ng

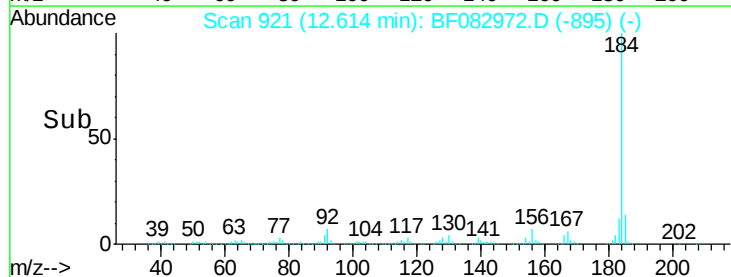
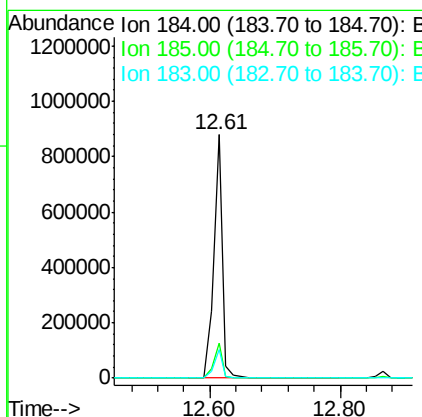
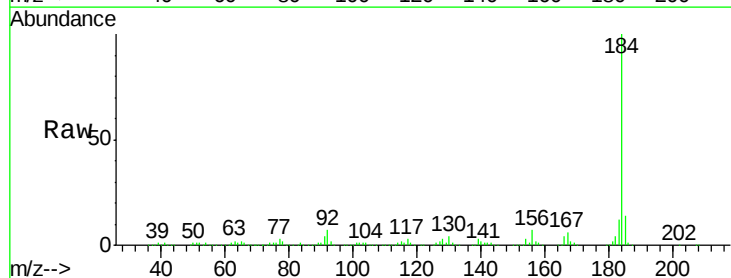
RT: 12.61 min Scan# 921

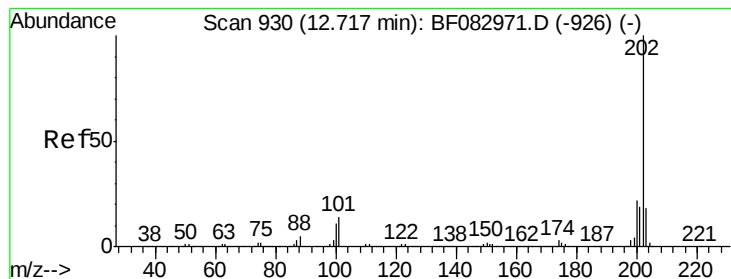
Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	823931		
185	14.5	12.0	18.0	
183	11.5	9.6	14.4	





#77

Pyrene

Concen: 44.50 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:202 Resp: 1659099

Ion Ratio Lower Upper

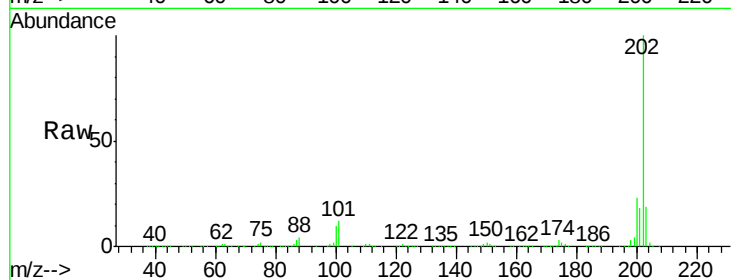
202 100

200 22.6 18.7 28.1

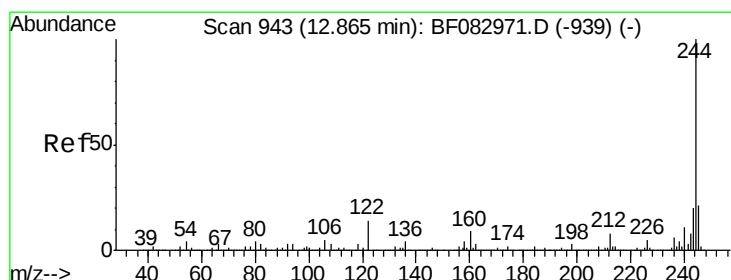
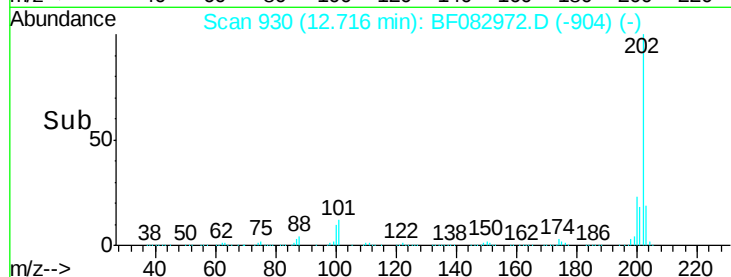
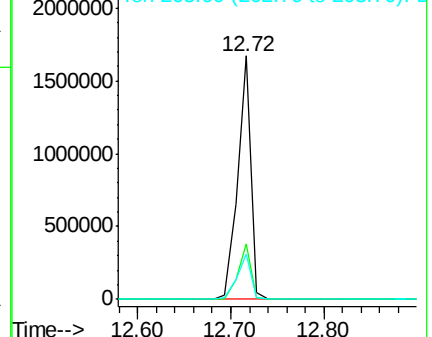
203 18.6 14.8 22.2

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



#78

Terphenyl-d14

Concen: 76.75 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

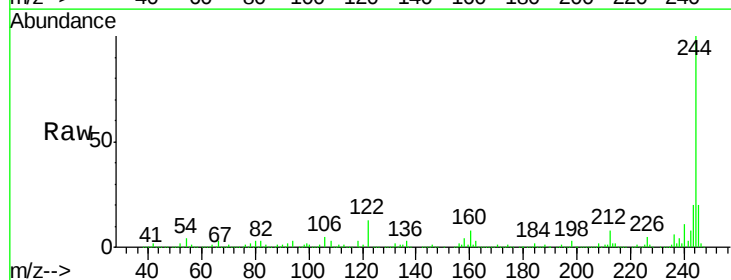
Tgt Ion:244 Resp: 1756948

Ion Ratio Lower Upper

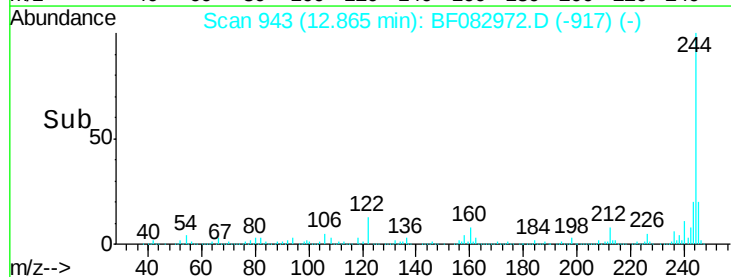
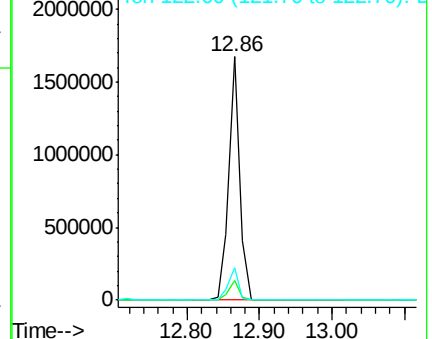
244 100

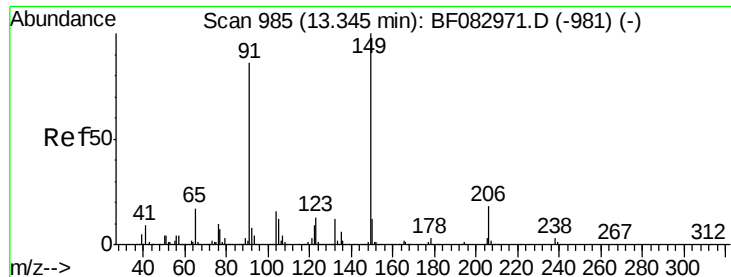
212 8.2 7.6 11.4

122 13.3 11.3 16.9



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





#79

Butylbenzylphthalate

Concen: 46.94 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

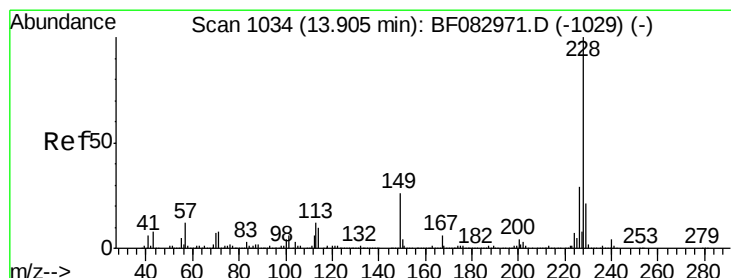
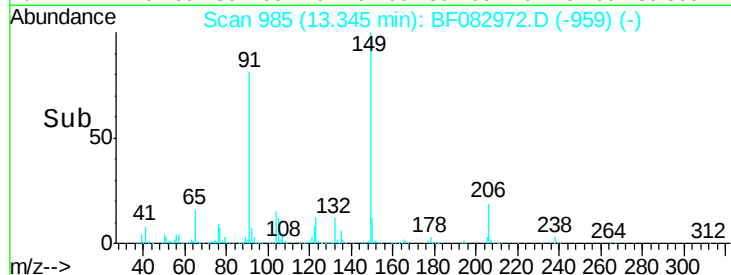
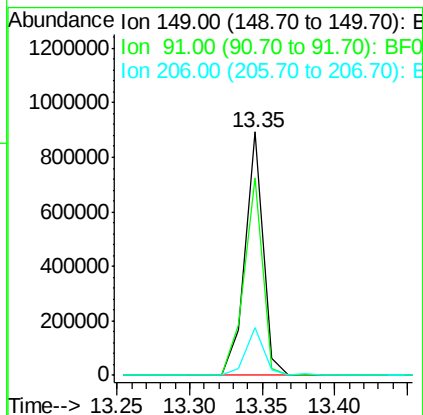
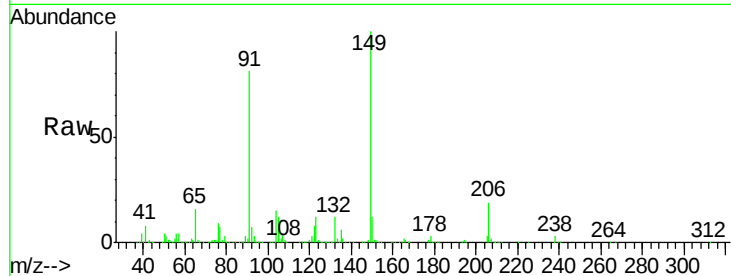
ClientSampleId :

PB86421BS

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Tgt Ion:	149	Resp:	773146
Ion Ratio	Lower	Upper	
149	100		
91	80.9	67.7	101.5
206	19.4	14.6	22.0



#80

Benzo(a)anthracene

Concen: 42.03 ng

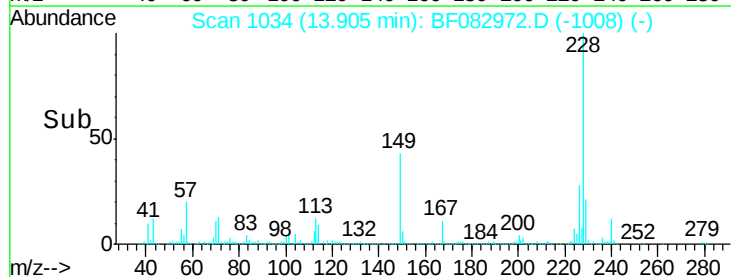
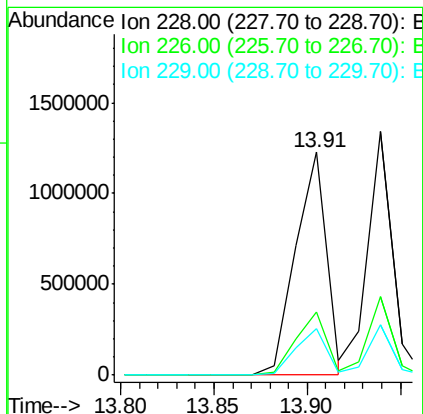
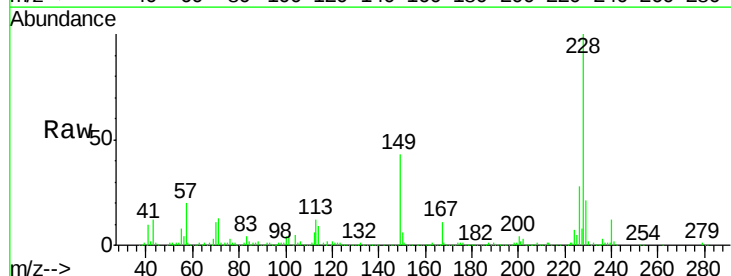
RT: 13.91 min Scan# 1034

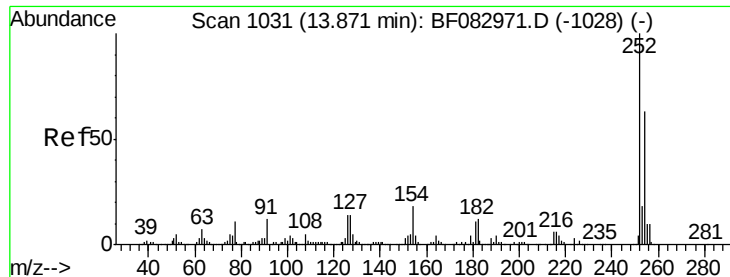
Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Tgt Ion:	228	Resp:	1426861
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.4	35.2
229	20.9	16.3	24.5





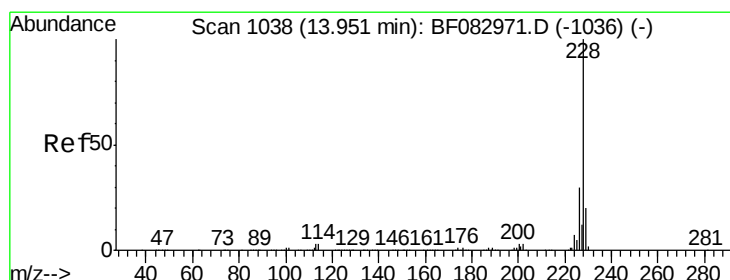
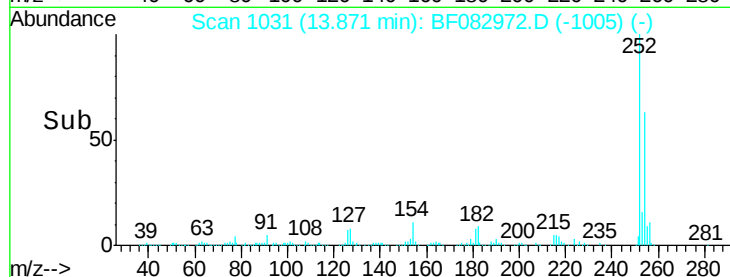
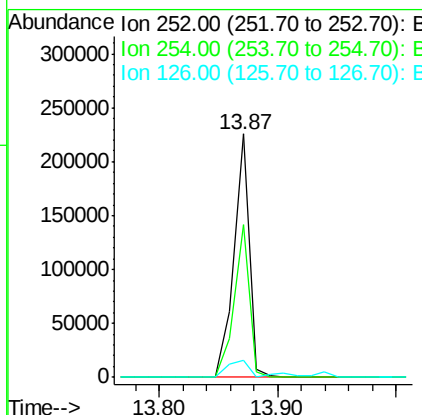
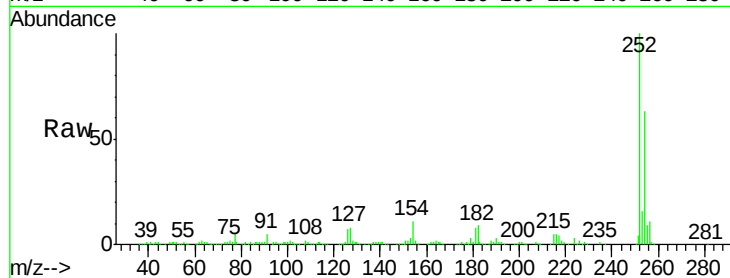
#81
 3,3'-Dichlorobenzidine
 Concen: 16.87 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.7	51.4	77.0
126	7.2	10.7	16.1

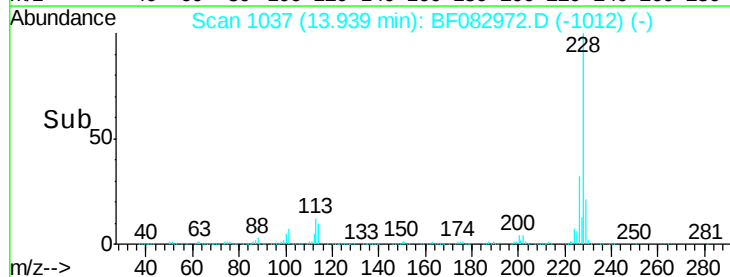
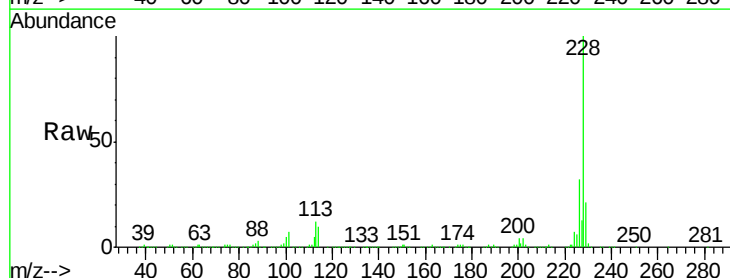
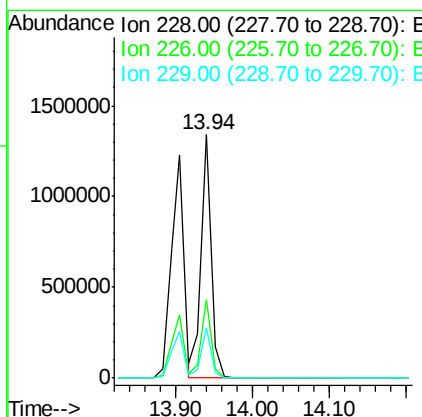
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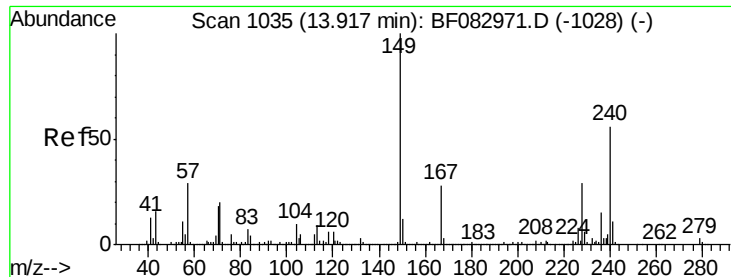
mohammad
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#82
 Chrysene
 Concen: 39.24 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	25.5	38.3
229	20.9	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.56 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:149 Resp: 1049798

Ion Ratio Lower Upper

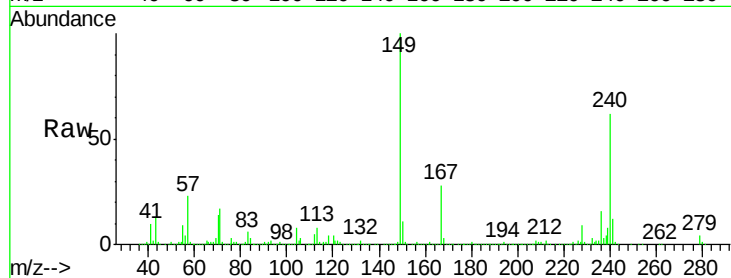
149 100

167 28.2 21.2 31.8

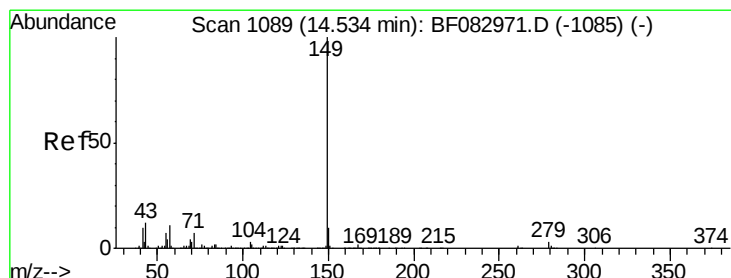
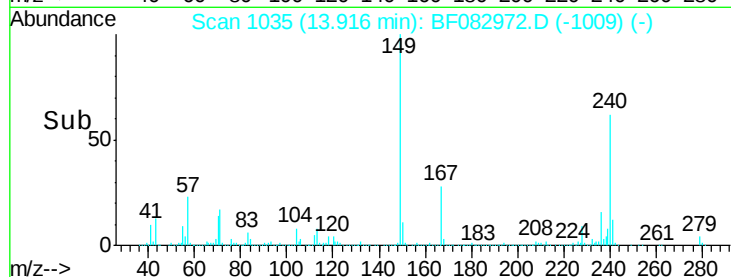
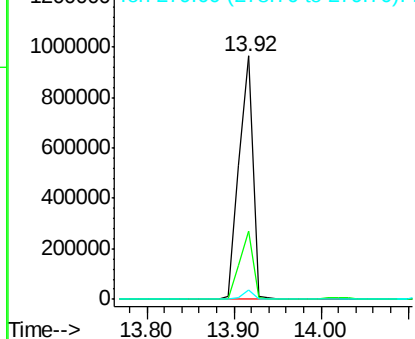
279 4.0 2.2 3.2#

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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: 46.04 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

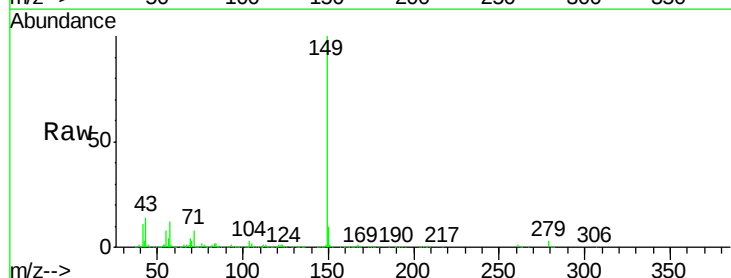
Tgt Ion:149 Resp: 1731382

Ion Ratio Lower Upper

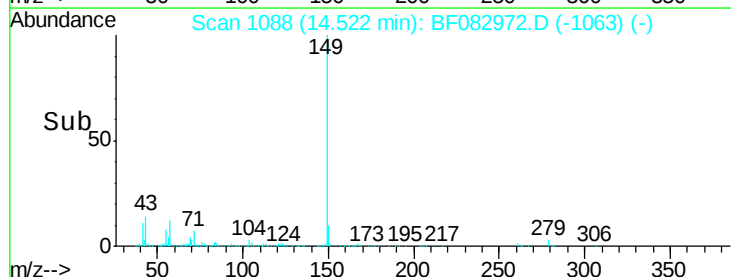
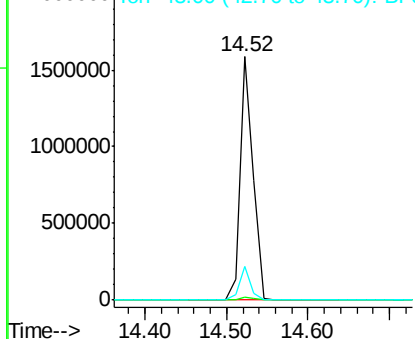
149 100

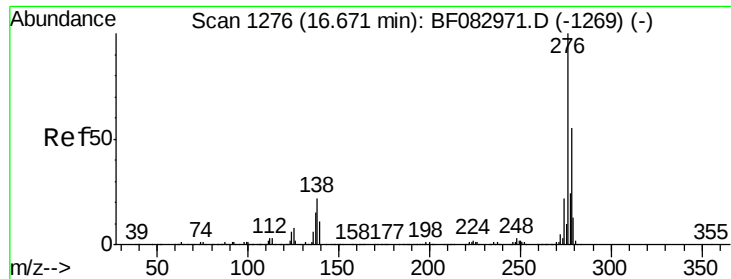
167 1.6 1.3 1.9

43 11.7 10.1 15.1



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





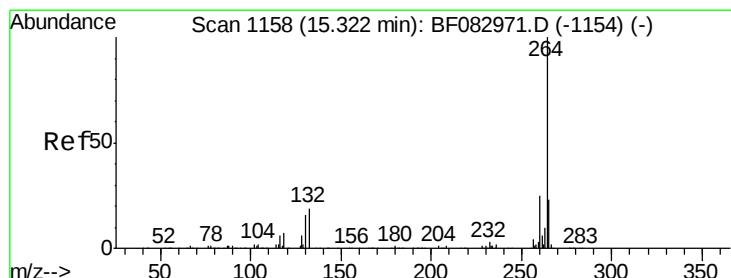
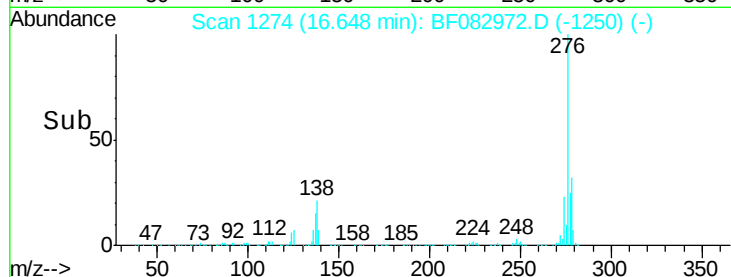
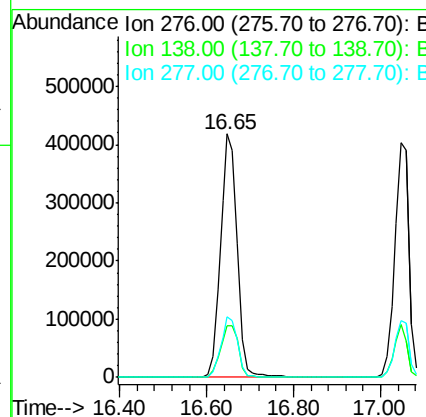
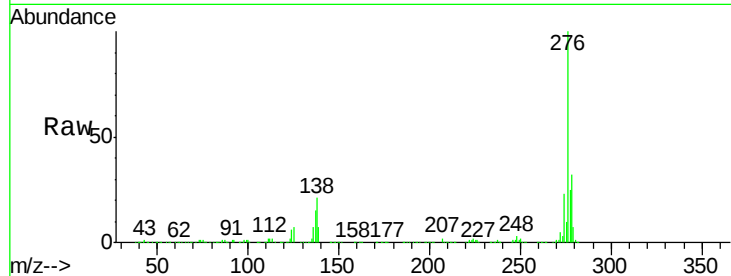
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.36 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Instrument :
 BNA_F
 ClientSampleID :
 PB86421BS

Tgt Ion: 276 Resp: 1134484
 Ion Ratio Lower Upper
 276 100
 138 23.0 15.3 22.9#
 277 25.0 20.2 30.4

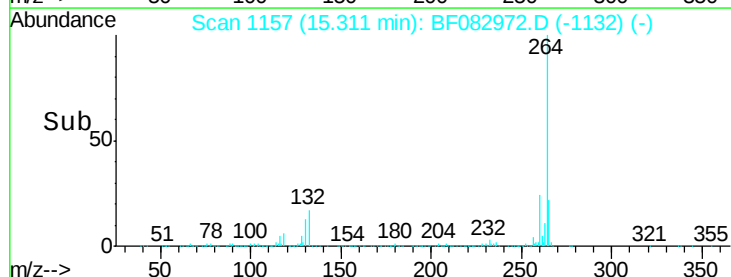
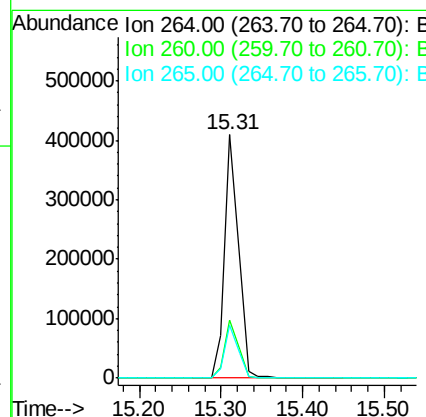
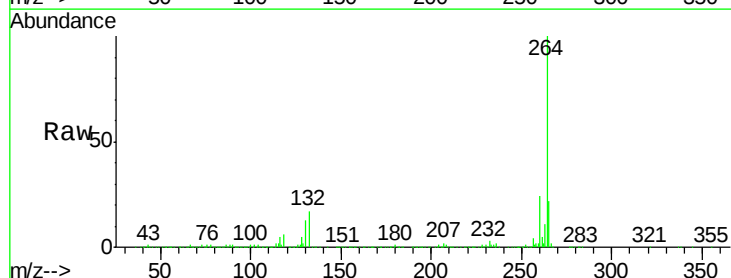
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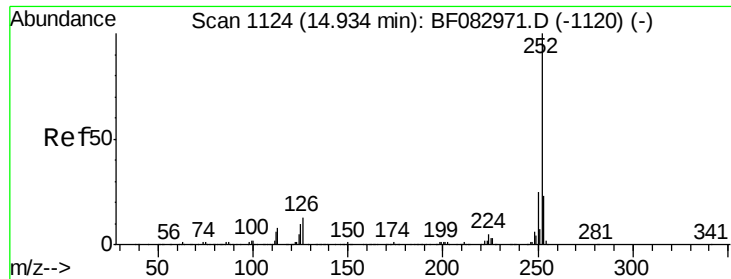
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF082972.D
 Acq: 17 Nov 2015 18:08

Tgt Ion: 264 Resp: 484031
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.8 17.4 26.0





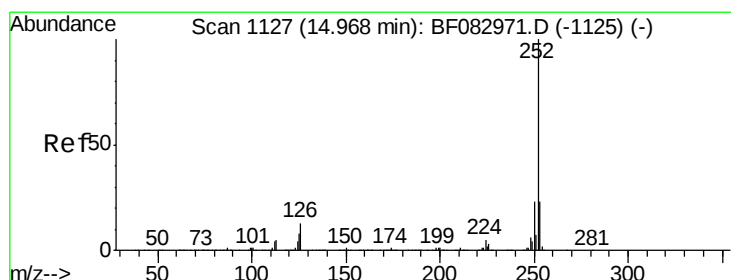
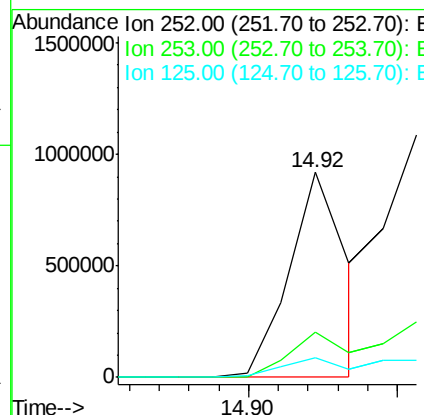
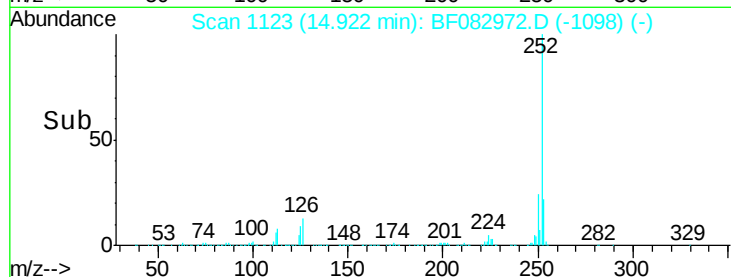
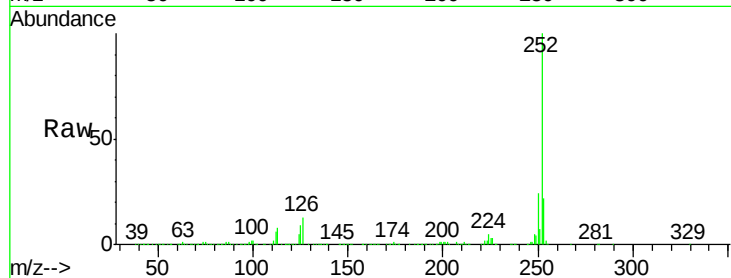
#87
Benzo(b)fluoranthene
Concen: 39.45 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.4	5.4	8.2

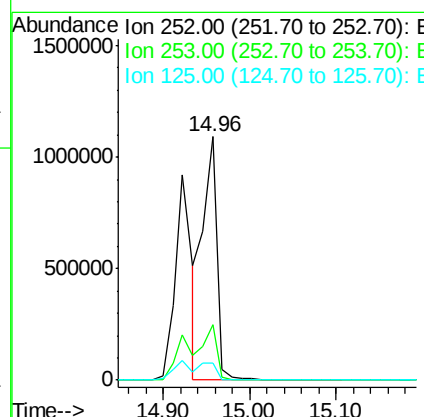
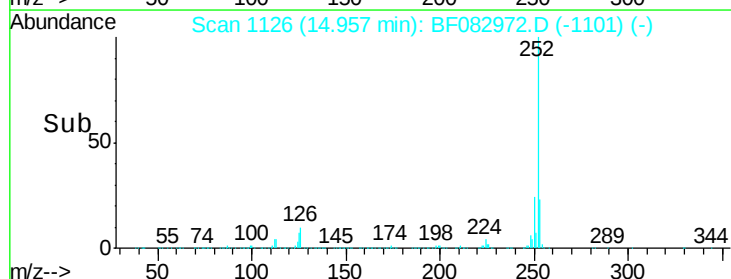
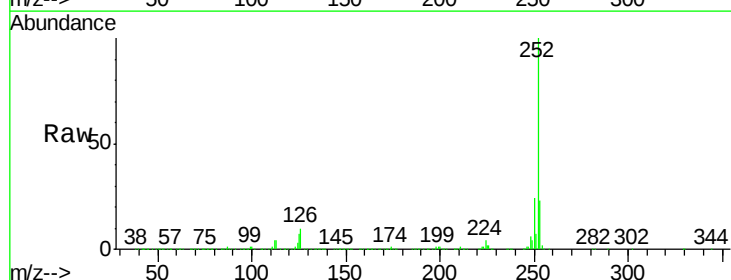
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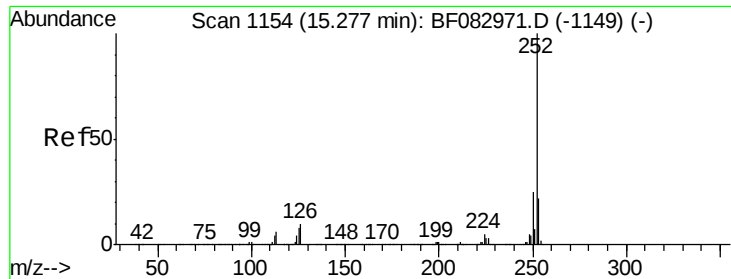
mohammad
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#88
Benzo(k)fluoranthene
Concen: 46.12 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	6.8	3.5	5.3





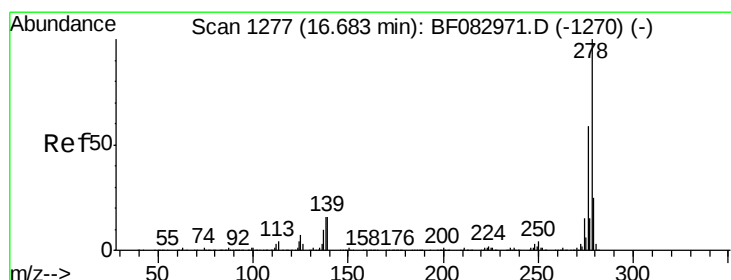
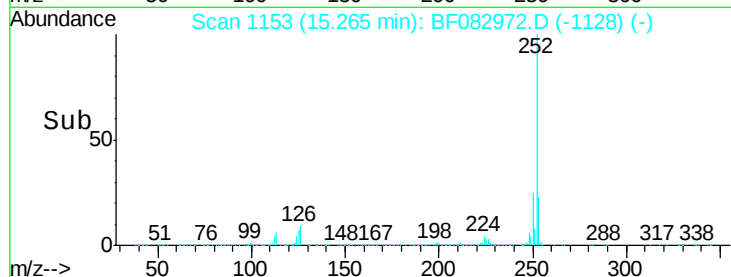
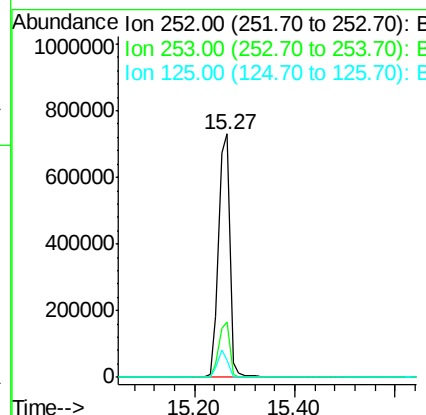
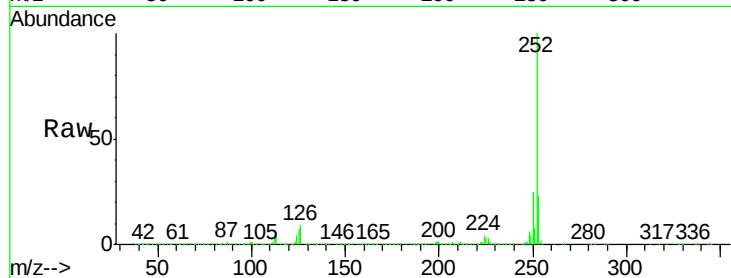
#89
Benzo(a)pyrene
Concen: 42.58 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	7.1	7.1	10.7

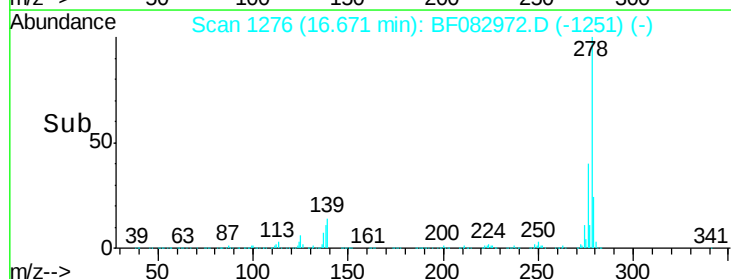
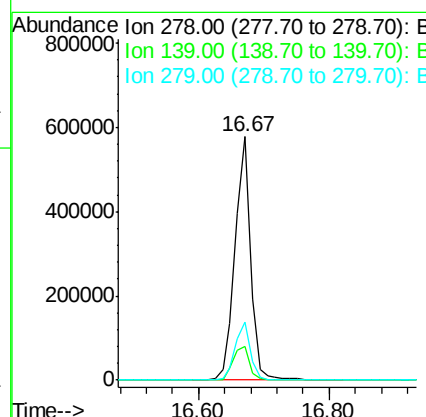
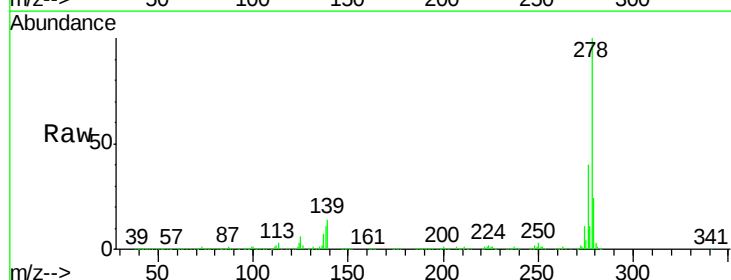
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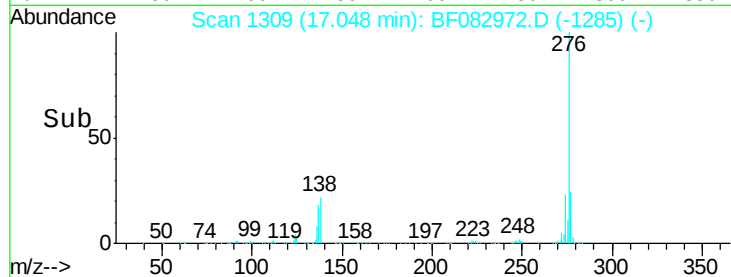
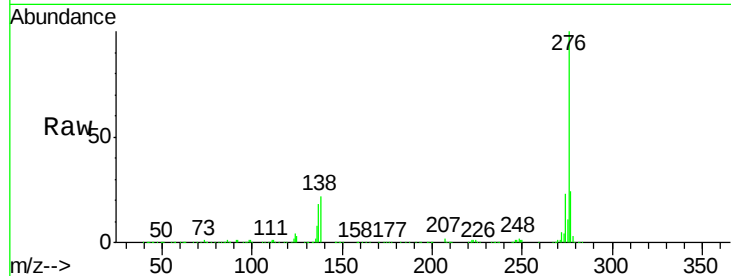
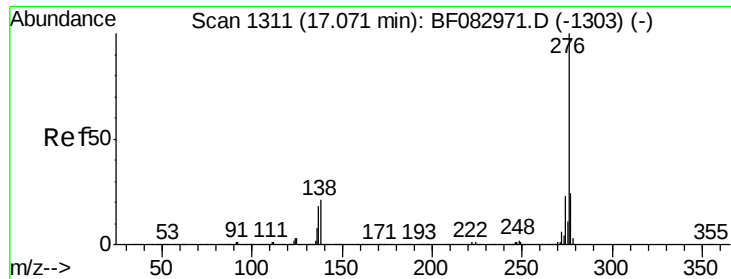
mohammad
11/19/2015 8:25:06 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.02 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF082972.D
Acq: 17 Nov 2015 18:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	9.9	14.9
279	23.7	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 42.39 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF082972.D

Acq: 17 Nov 2015 18:08

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	925400		
277	24.2	19.2	28.8	
138	22.4	13.1	19.7	

Manual Integrations
APPROVED

mohammad
11/19/2015 8:25:06 AM

