

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082989.D
 Acq On : 18 Nov 2015 2:25
 Operator : UM/IZ
 Sample : G4407-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS

Manual Integrations
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mohammad
 11/19/2015 8:25:33 AM

Quant Time: Nov 18 06:57:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168003	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	658323	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	314011	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	623057	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	447469	20.00	ng	-0.11
86) Perylene-d12	15.30	264	373773	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	628883	58.24	ng	-0.09
7) Phenol-d6	6.41	99	566232	39.45	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1181136	78.07	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	487491	135.40	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	2153806	98.31	ng	-0.09
78) Terphenyl-d14	12.87	244	1943013	102.99	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	93406	20.05	ng	94
3) Pyridine	3.00	79	236744	17.51	ng	96
4) n-Nitrosodimethylamine	2.92	42	104248	15.55	ng	# 68
6) Aniline	6.41	93	314372	15.60	ng	# 73
8) 2-Chlorophenol	6.54	128	430684	35.98	ng	95
9) Benzaldehyde	6.29	77	40166	5.07	ng	84
10) Phenol	6.42	94	215832	13.25	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	501105	41.14	ng	94
12) 1,3-Dichlorobenzene	6.69	146	506284m	37.50	ng	
13) 1,4-Dichlorobenzene	6.77	146	541269	38.54	ng	93
14) 1,2-Dichlorobenzene	6.92	146	435487	34.09	ng	93
15) Benzyl Alcohol	6.90	79	294909	23.39	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	872510	48.84	ng	95
17) 2-Methylphenol	7.02	107	274724	27.10	ng	99
18) Hexachloroethane	7.26	117	169794	33.80	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	422393	40.03	ng	91
20) 3+4-Methylphenols	7.18	107	337143	25.58	ng	# 59
22) Acetophenone	7.17	105	757633	40.16	ng	# 92
24) Nitrobenzene	7.34	77	703425	45.46	ng	97
25) Isophorone	7.58	82	1185370	42.34	ng	97
26) 2-Nitrophenol	7.65	139	270122	41.83	ng	# 79
27) 2,4-Dimethylphenol	7.71	122	425011	36.63	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	773670	49.00	ng	99
29) 2,4-Dichlorophenol	7.90	162	393468	37.52	ng	88
30) 1,2,4-Trichlorobenzene	7.98	180	436323	36.99	ng	98
31) Naphthalene	8.06	128	1503363	41.39	ng	99
32) Benzoic acid	7.80	122	88387	11.13	ng	# 74
33) 4-Chloroaniline	8.11	127	242138	15.47	ng	# 90
34) Hexachlorobutadiene	8.19	225	281901	38.19	ng	99
35) Caprolactam	8.48	113	20011	6.05	ng	# 92
36) 4-Chloro-3-methylphenol	8.60	107	398797	32.33	ng	93
37) 2-Methylnaphthalene	8.75	142	932433	39.68	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	404309	39.18	ng	97
40) Hexachlorocyclopentadiene	8.91	237	411385	74.21	ng	100

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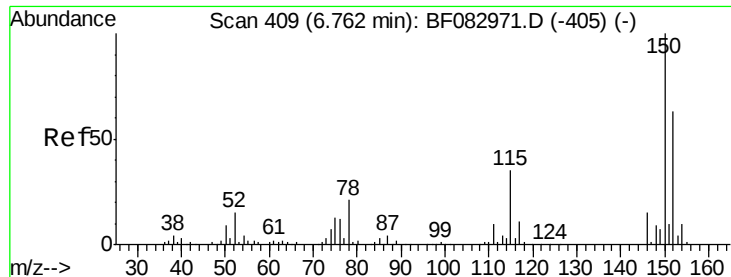
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	314180	40.79	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	338551	44.44	ng	92
45) 1,1'-Biphenyl	9.22	154	1044034	38.75	ng	96
46) 2-Chloronaphthalene	9.24	162	870699	41.43	ng	96
47) 2-Nitroaniline	9.34	65	342111	43.88	ng	# 55
48) Acenaphthylene	9.65	152	1364485	41.42	ng	99
49) Dimethylphthalate	9.53	163	1029940	40.03	ng	99
50) 2,6-Dinitrotoluene	9.58	165	241969	44.08	ng	94
51) Acenaphthene	9.82	154	1002035	48.00	ng	99
52) 3-Nitroaniline	9.74	138	114160	18.91	ng	90
53) 2,4-Dinitrophenol	9.86	184	251385	83.41	ng	# 21
54) Dibenzofuran	10.01	168	1369772	48.67	ng	# 82
55) 4-Nitrophenol	9.93	139	139450	30.11	ng	90
56) 2,4-Dinitrotoluene	9.98	165	313236	42.06	ng	94
57) Fluorene	10.34	166	944766	41.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	266535	42.87	ng	92
59) Diethylphthalate	10.22	149	1099027	43.75	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	496356	43.52	ng	96
61) 4-Nitroaniline	10.36	138	190875	31.44	ng	# 77
62) Azobenzene	10.50	77	1344656	49.83	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	188766	42.53	ng	76
65) n-Nitrosodiphenylamine	10.46	169	918999	40.83	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	309548	41.26	ng	98
67) Hexachlorobenzene	10.89	284	334230	39.90	ng	# 88
68) Atrazine	10.99	200	279378	40.14	ng	98
69) Pentachlorophenol	11.09	266	386217	75.92	ng	98
70) Phenanthrene	11.30	178	1496156	41.35	ng	99
71) Anthracene	11.36	178	1642732	43.10	ng	98
72) Carbazole	11.50	167	1270876	38.09	ng	99
73) Di-n-butylphthalate	11.85	149	1626152	39.12	ng	99
74) Fluoranthene	12.49	202	1682483	43.33	ng	96
76) Benzidine	12.60	184	305577	20.38	ng	99
77) Pyrene	12.71	202	1632168	53.11	ng	98
79) Butylbenzylphthalate	13.35	149	787796	58.03	ng	# 79
80) Benzo(a)anthracene	13.89	228	1327642	47.45	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	181499	18.25	ng	99
82) Chrysene	13.94	228	1366061	53.30	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	965018	51.93	ng	99
84) Di-n-octyl phthalate	14.51	149	1620407	52.28	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	1036143	46.94	ng	# 96
87) Benzo(b)fluoranthene	14.91	252	1076595m	44.87	ng	
88) Benzo(k)fluoranthene	14.93	252	1010759m	47.49	ng	
89) Benzo(a)pyrene	15.24	252	952530	45.83	ng	# 96
90) Dibenzo(a,h)anthracene	16.65	278	863045	49.03	ng	# 96
91) Benzo(g,h,i)perylene	17.04	276	874107	51.85	ng	97

(#) = 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. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

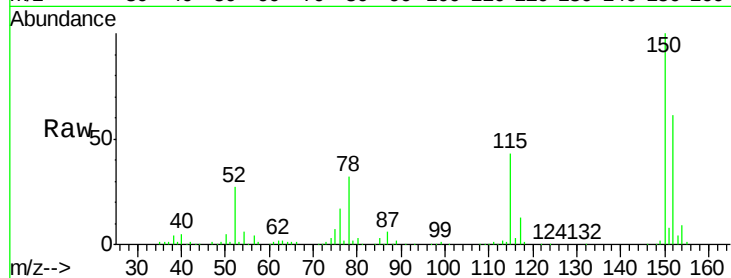
ClientSampleId :

MW-16MS

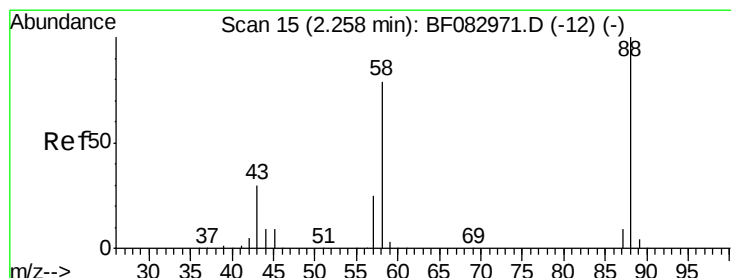
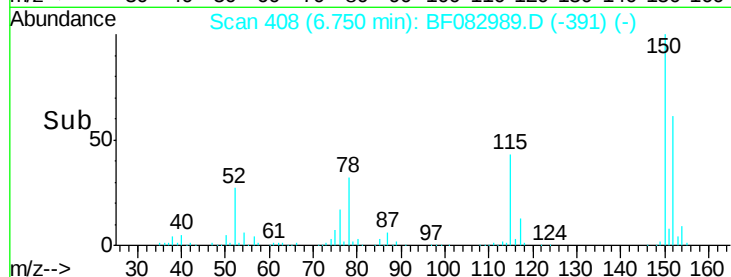
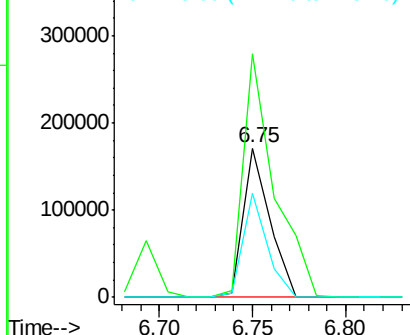
Tgt Ion:	152	Resp:	168003
Ion Ratio	Lower	Upper	
152	100		
150	163.4	127.0	190.4
115	70.2	47.0	70.6

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



#2

1,4-Dioxane

Concen: 20.05 ng

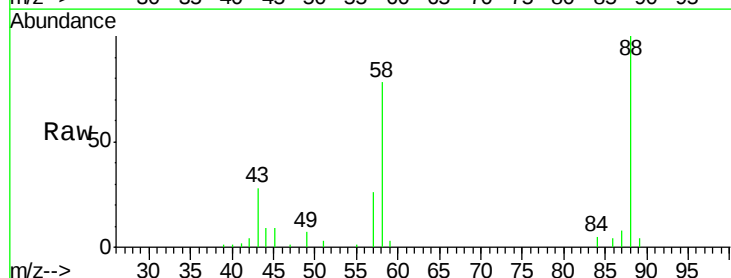
RT: 2.32 min Scan# 20

Delta R.T. -0.13 min

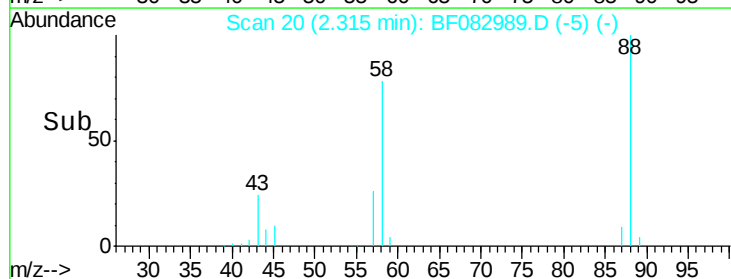
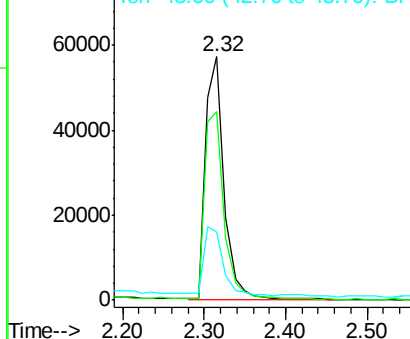
Lab File: BF082989.D

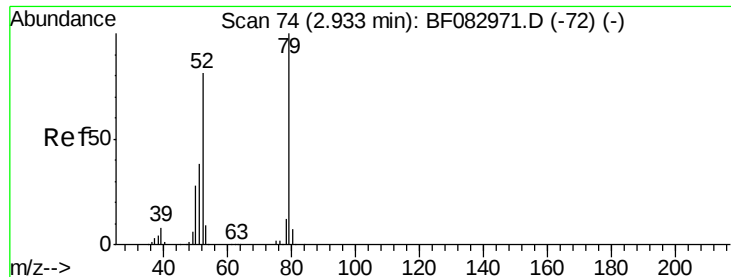
Acq: 18 Nov 2015 2:25

Tgt Ion:	88	Resp:	93406
Ion Ratio	Lower	Upper	
88	100		
58	81.9	62.0	93.0
43	28.3	26.6	40.0



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





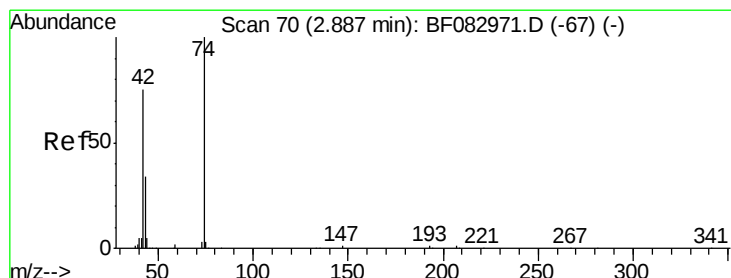
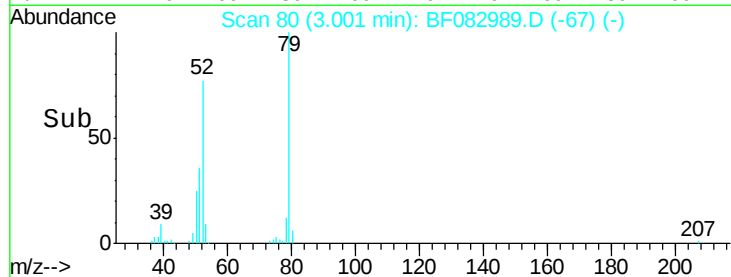
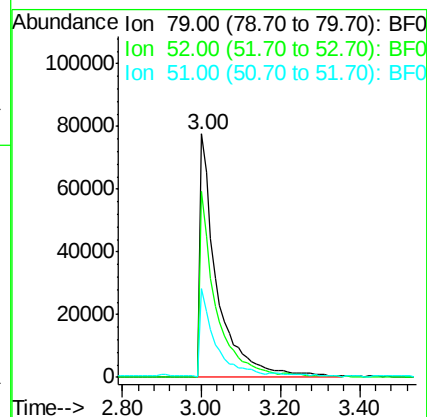
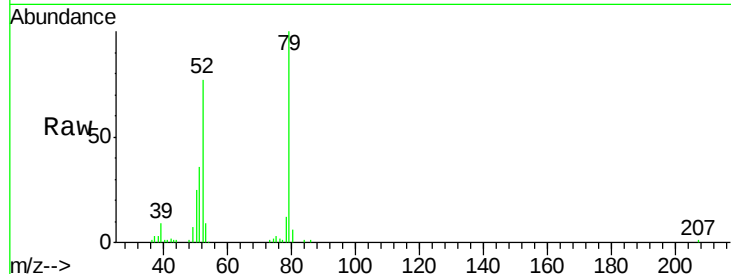
#3
 Pyridine
 Concen: 17.51 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.15 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	76.6	62.8	94.2
51	36.2	32.0	48.0

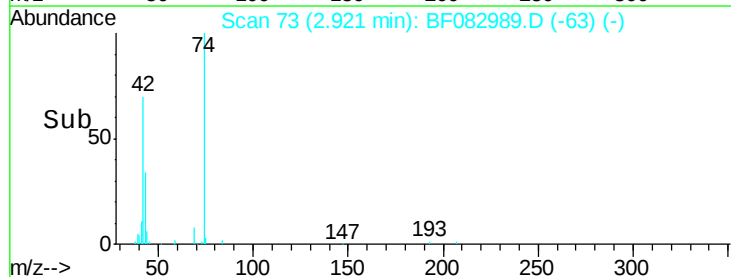
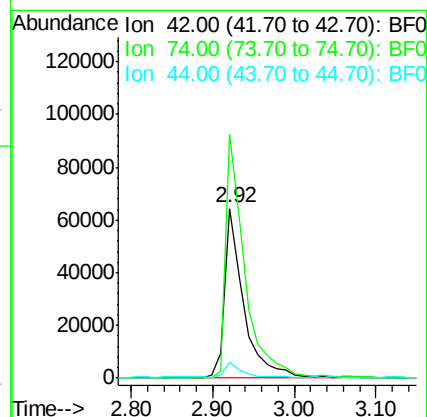
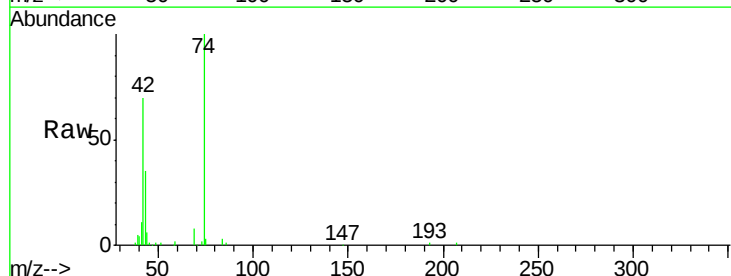
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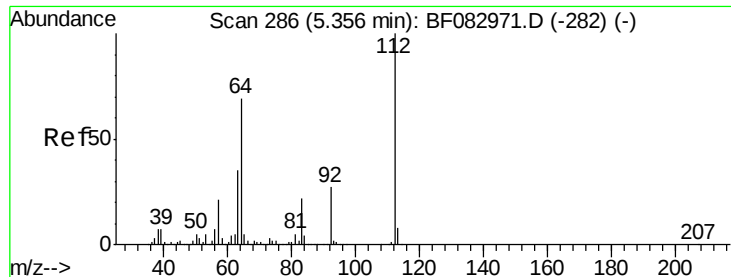
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#4
 n-Nitrosodimethylamine
 Concen: 15.55 ng
 RT: 2.92 min Scan# 73
 Delta R.T. -0.18 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.8	87.0	130.4#
44	9.2	5.8	8.8#





#5

2-Fluorophenol

Concen: 58.24 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

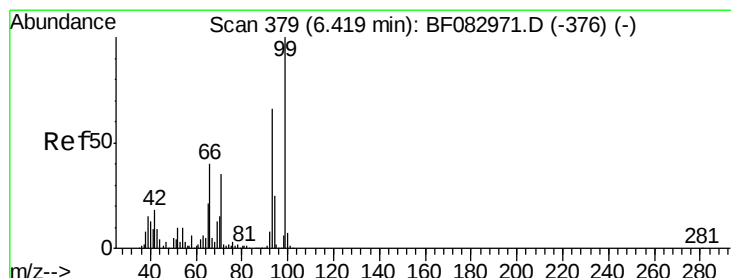
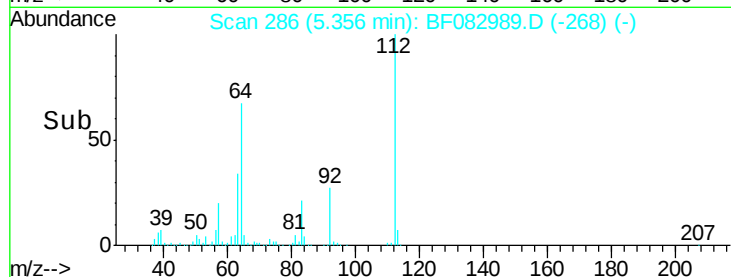
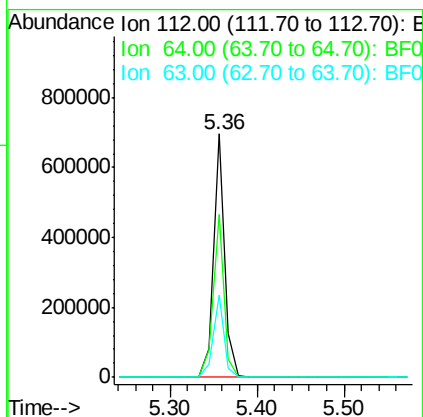
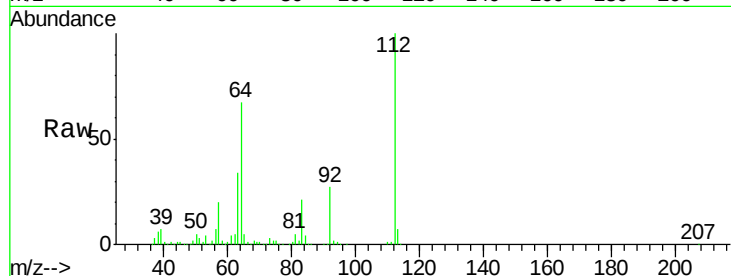
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Tgt Ion:	112	Resp:	628883
Ion Ratio	Lower	Upper	
112	100		
64	66.7	48.9	73.3
63	33.9	28.1	42.1



#6

Aniline

Concen: 15.60 ng

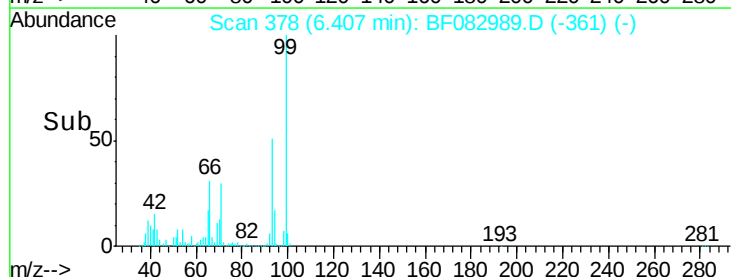
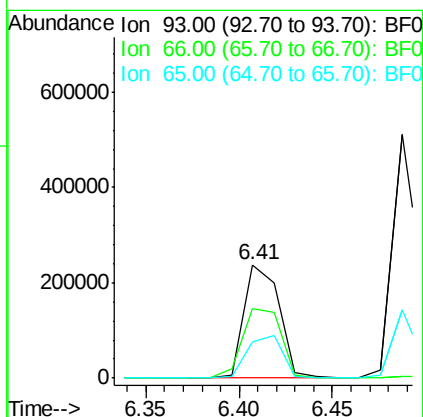
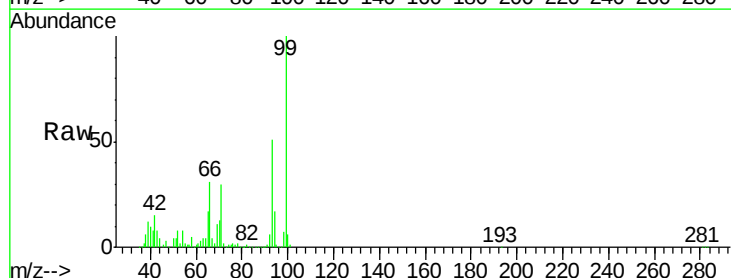
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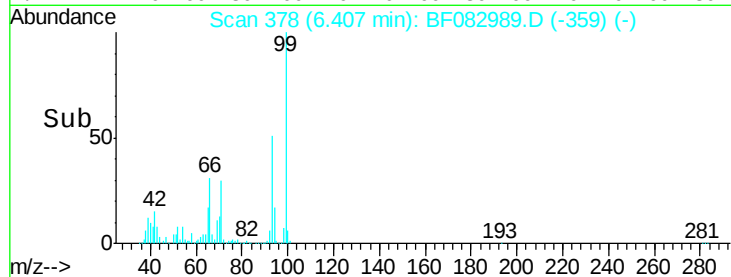
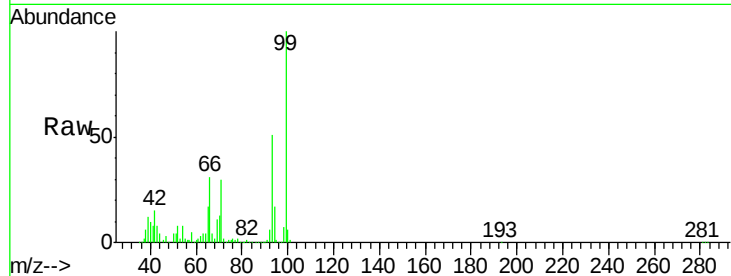
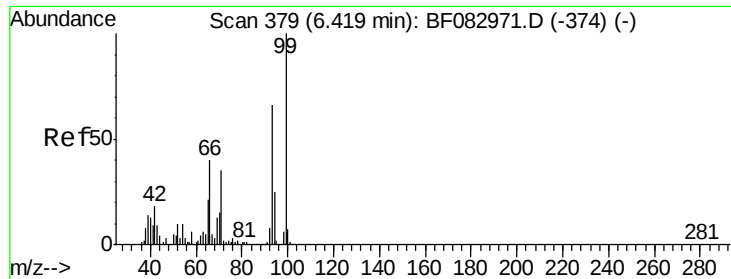
Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	93	Resp:	314372
Ion Ratio	Lower	Upper	
93	100		
66	61.5	33.6	50.4#
65	32.5	18.1	27.1#





#7

Phenol-d6

Concen: 39.45 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	99	Resp:	566232
Ion Ratio	Lower	Upper	
99	100		
42	14.7	19.2	28.8#
71	29.9	35.0	52.4#

Instrument :

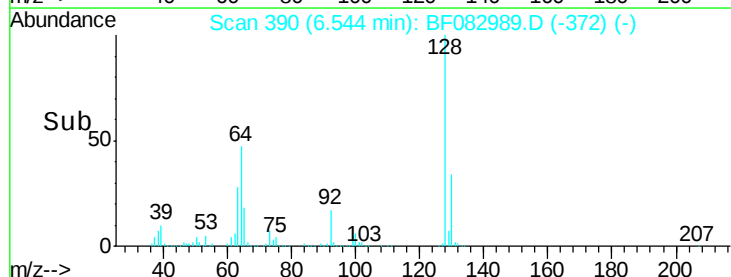
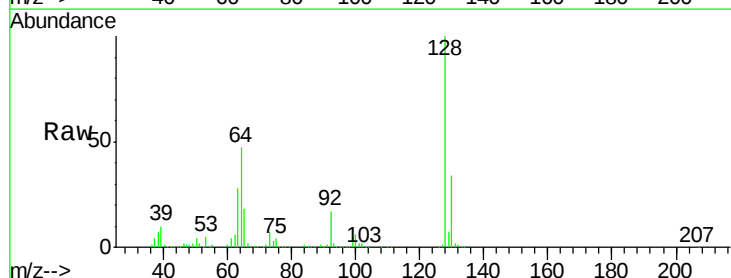
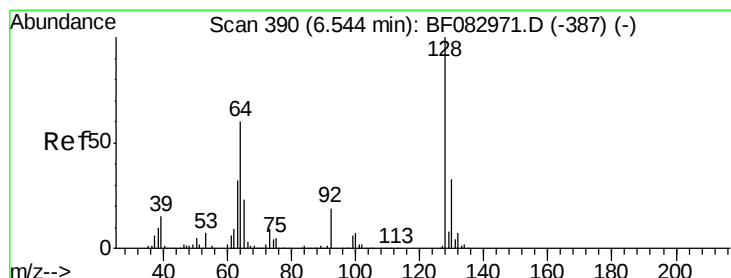
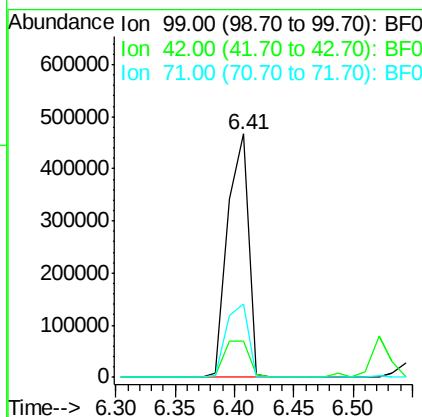
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 35.98 ng

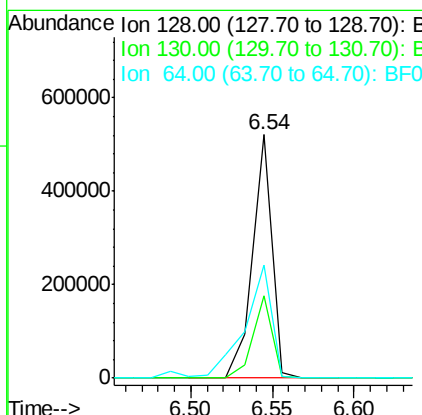
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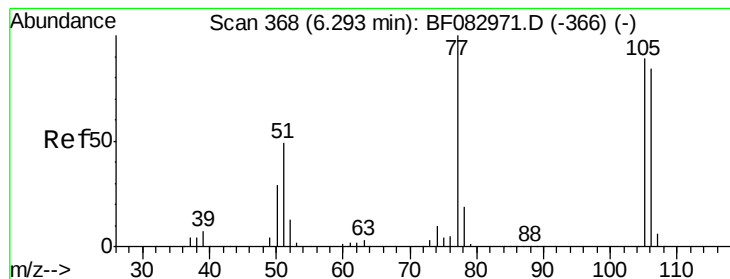
Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	128	Resp:	430684
Ion Ratio	Lower	Upper	
128	100		
130	33.9	13.5	53.5
64	46.6	21.1	61.1





#9

Benzaldehyde

Concen: 5.07 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082989.D

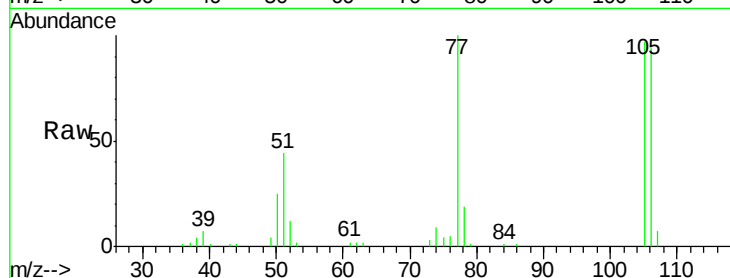
Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS



Tgt Ion: 77 Resp: 40166

Ion Ratio Lower Upper

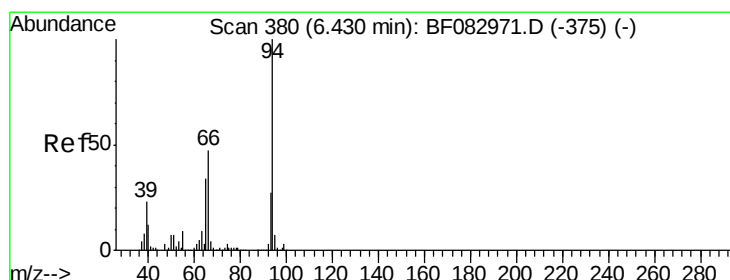
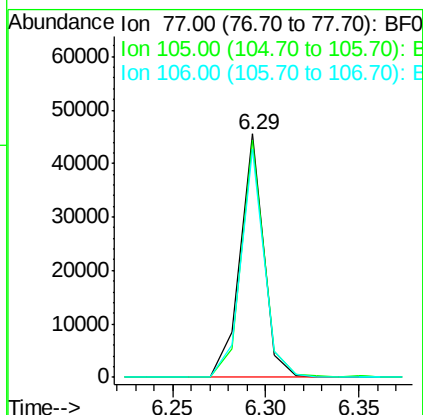
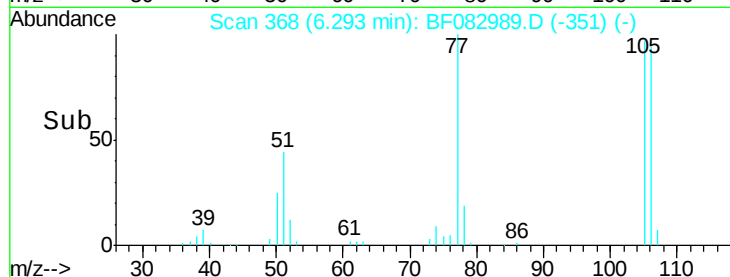
77 100

105 97.3 63.5 103.5

106 93.6 59.3 99.3

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#10

Phenol

Concen: 13.25 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

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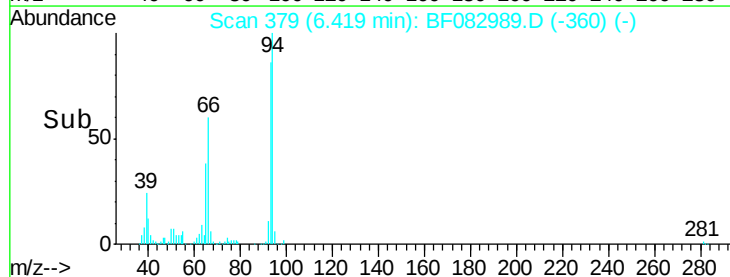
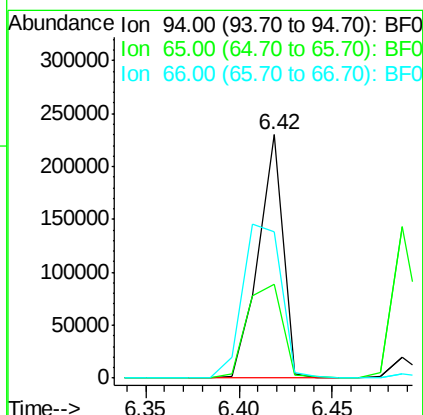
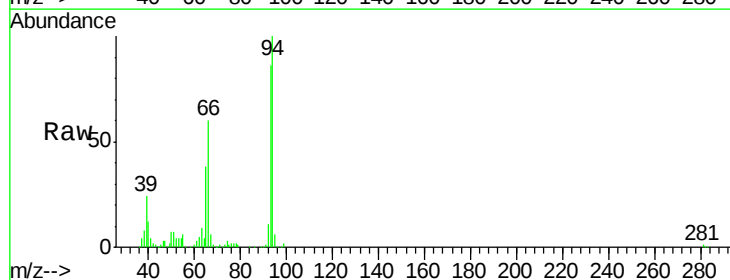
Tgt Ion: 94 Resp: 215832

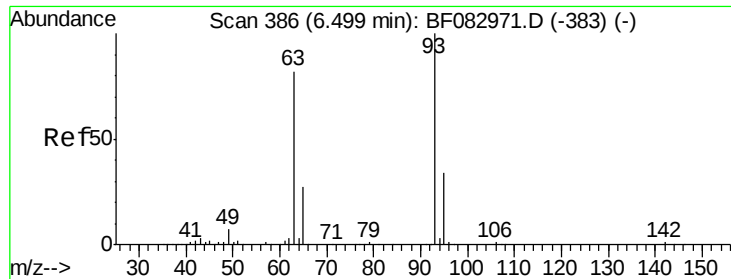
Ion Ratio Lower Upper

94 100

65 38.4 18.9 58.9

66 60.2 34.9 74.9





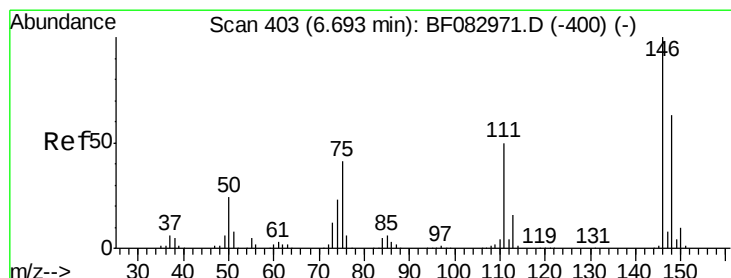
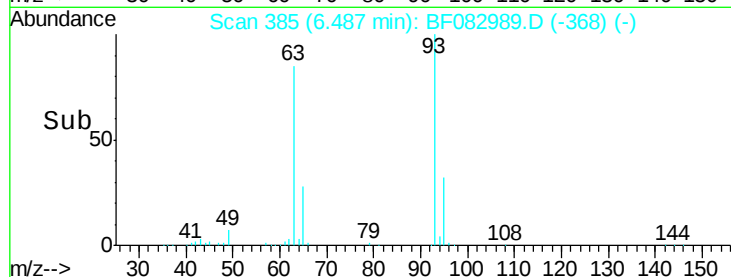
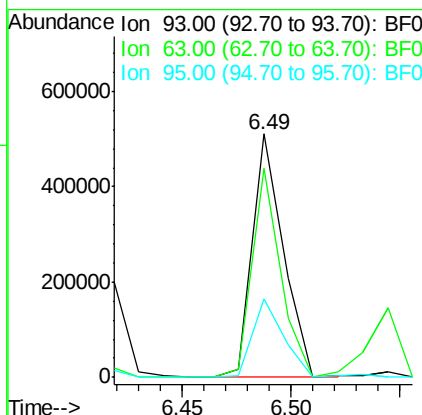
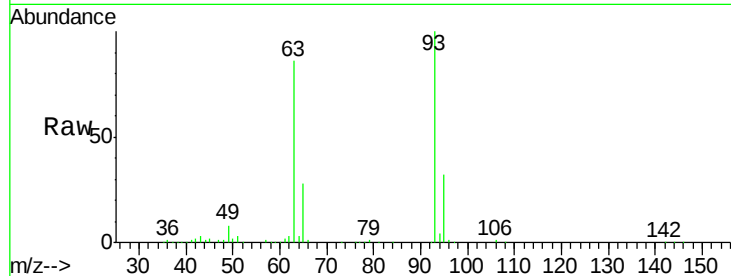
#11
bis(2-Chloroethyl)ether
Concen: 41.14 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	85.7	72.7	112.7
95	32.4	12.0	52.0

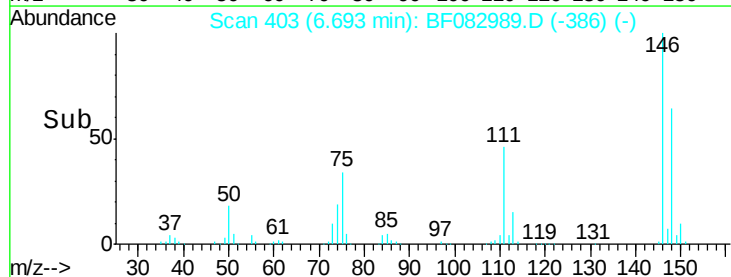
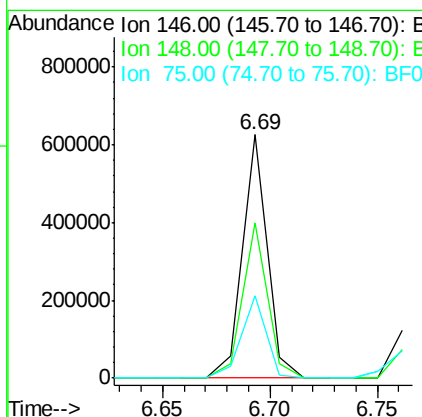
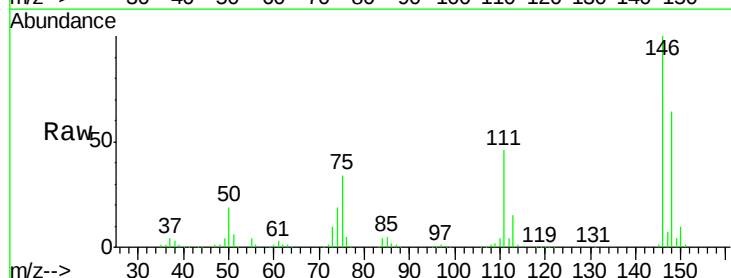
Manual Integrations
APPROVED

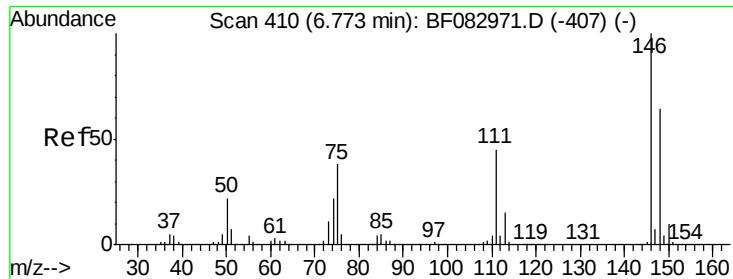
mohammad
11/19/2015 8:25:33 AM



#12
1,3-Dichlorobenzene
Concen: 37.50 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	50.5	75.7
75	34.0	39.5	59.3#





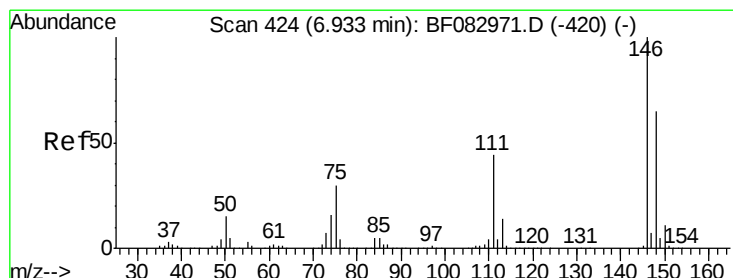
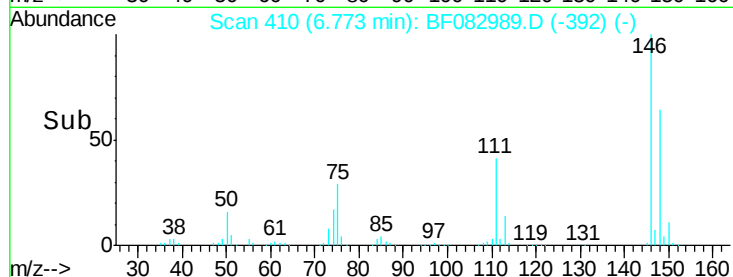
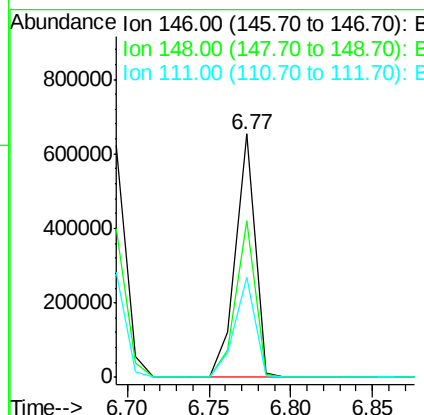
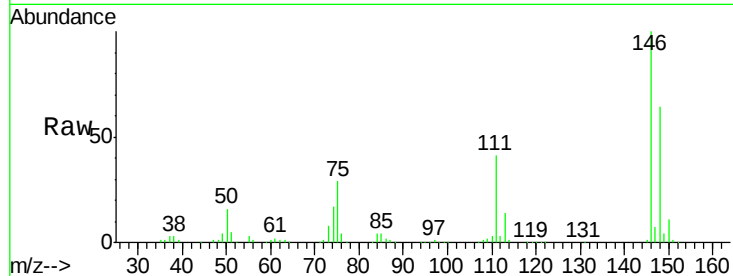
#13
1,4-Dichlorobenzene
Concen: 38.54 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	41.1	40.6	60.8

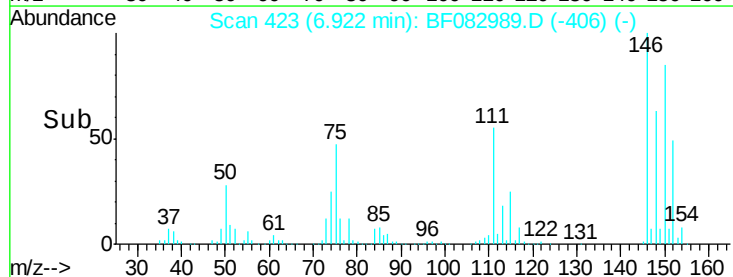
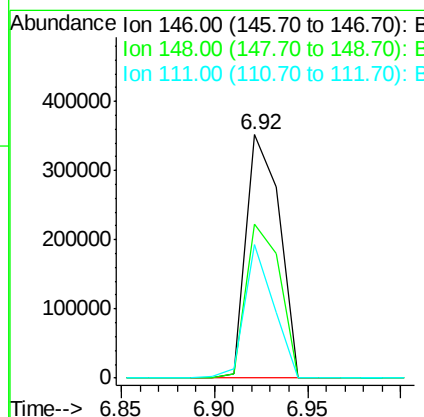
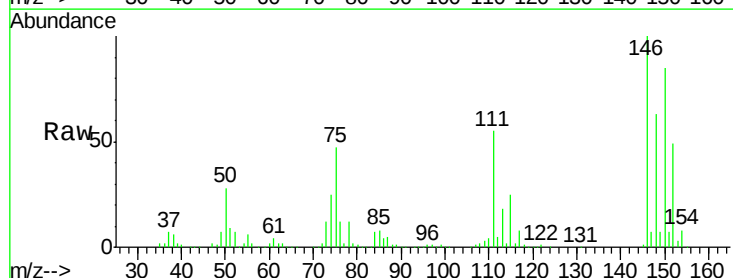
Manual Integrations
APPROVED

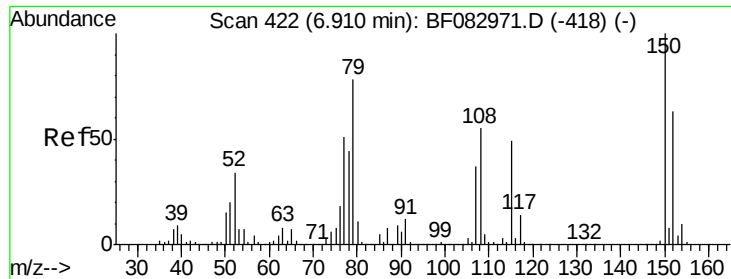
mohammad
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#14
1,2-Dichlorobenzene
Concen: 34.09 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.4
111	54.7	36.6	55.0





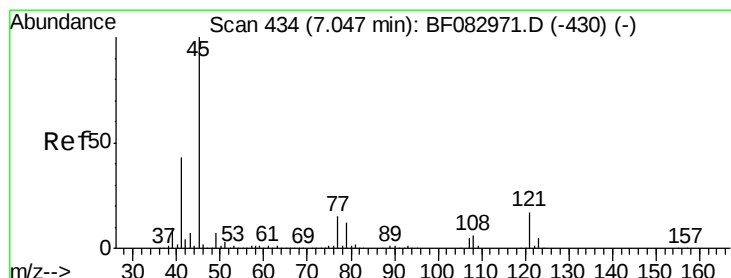
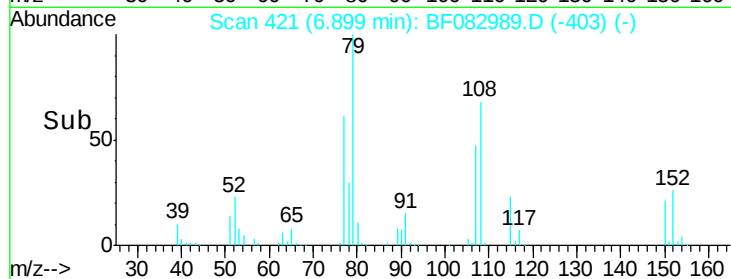
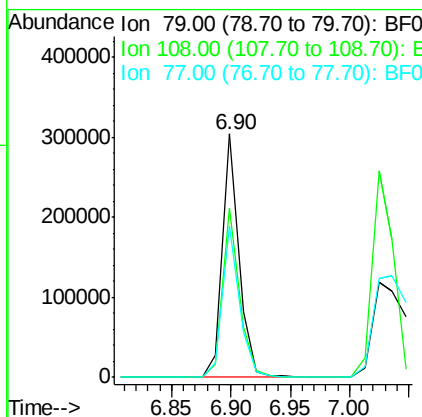
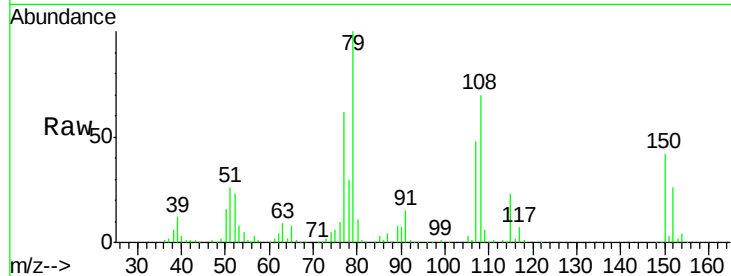
#15
Benzyl Alcohol
Concen: 23.39 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.6	52.2	78.4
77	62.0	52.7	79.1

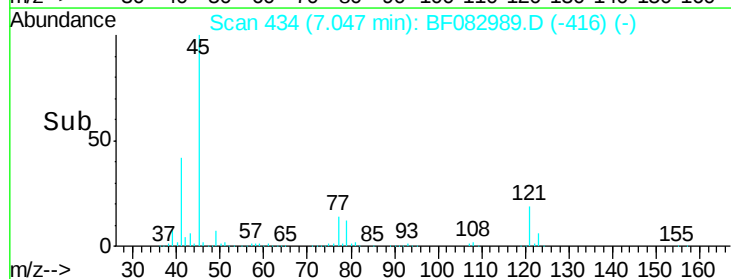
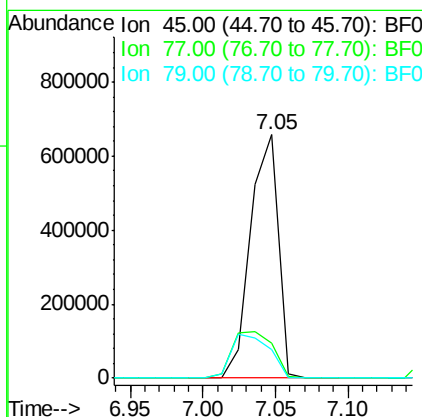
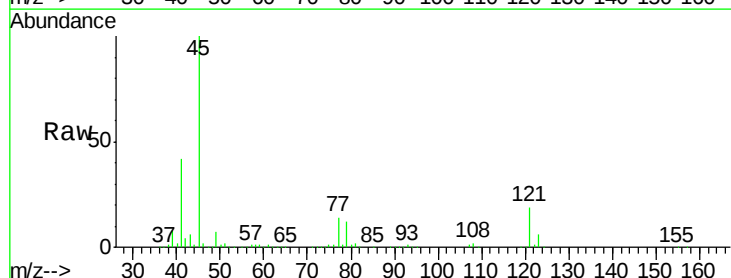
Manual Integrations
APPROVED

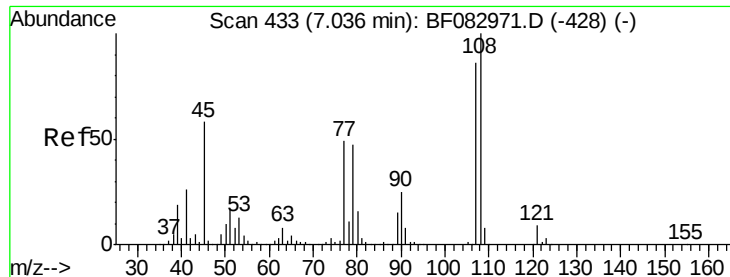
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.84 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	32.6
79	11.5	0.0	29.2





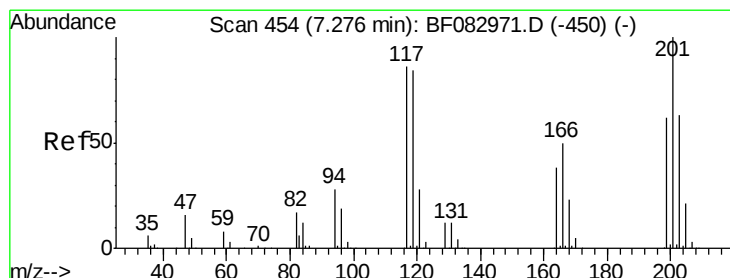
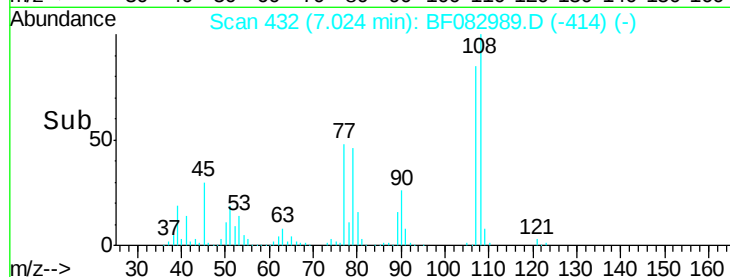
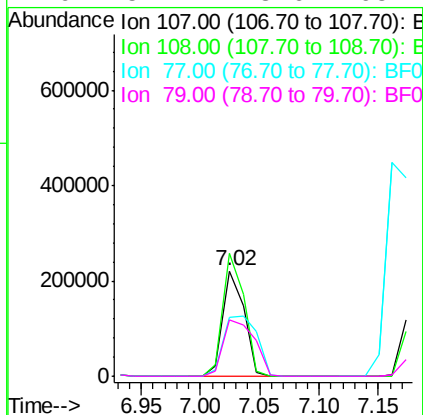
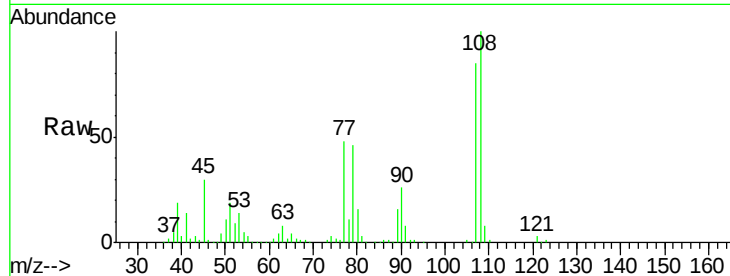
#17
2-Methylphenol
Concen: 27.10 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion:	107	Resp:	274724
Ion Ratio	Lower	Upper	
107	100		
108	117.1	93.0	139.4
77	55.7	44.1	66.1
79	54.1	43.6	65.4

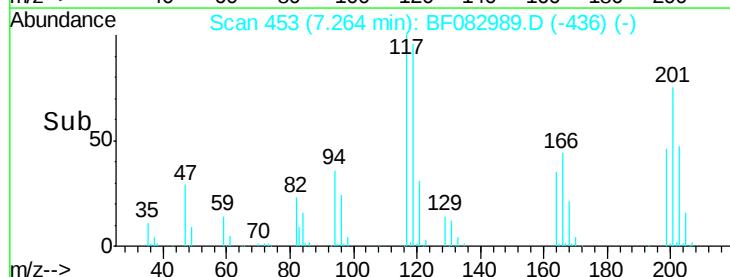
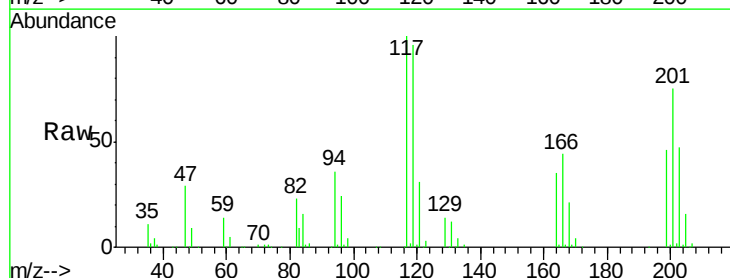
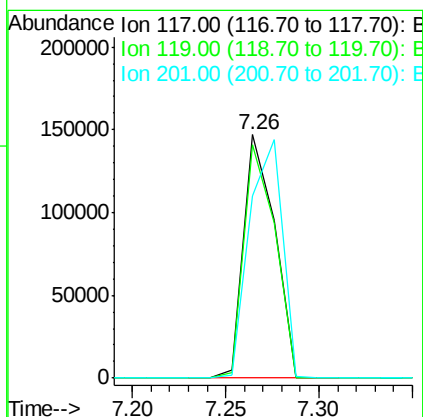
Manual Integrations
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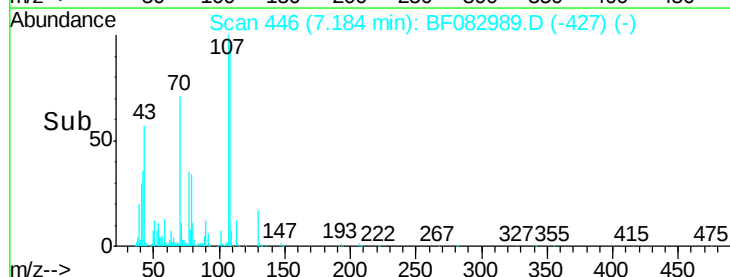
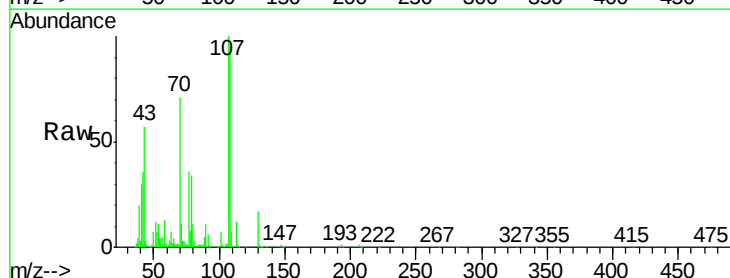
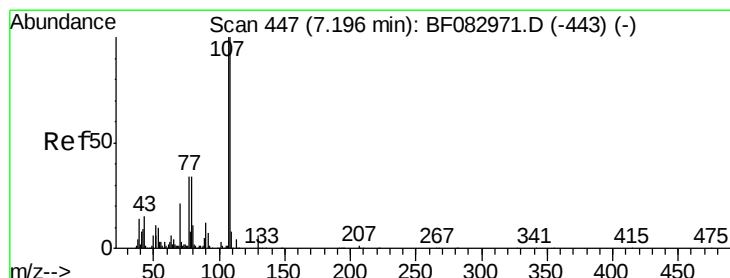
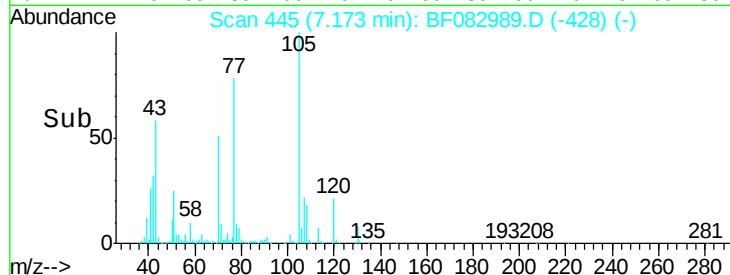
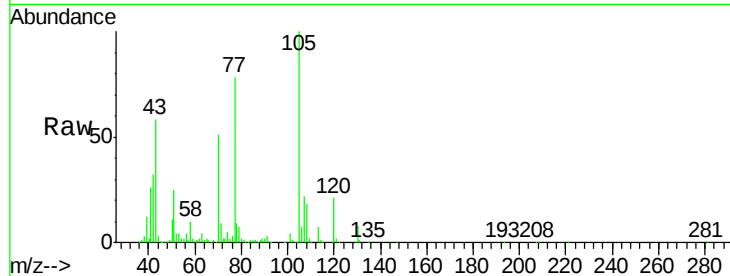
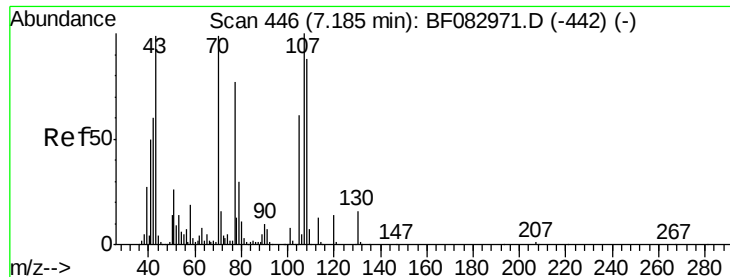
mohammad
11/19/2015 8:25:33 AM



#18
Hexachloroethane
Concen: 33.80 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:	117	Resp:	169794
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.7	116.5
201	74.7	66.7	100.1

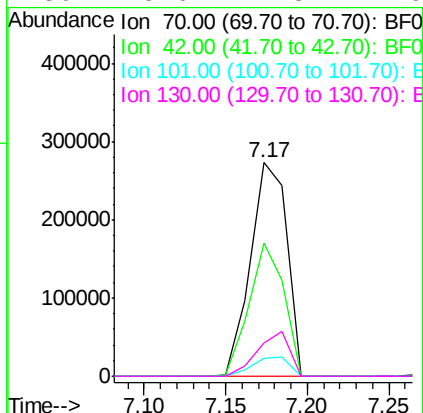




#19
n-Nitroso-di-n-propylamine
Concen: 40.03 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.4	57.7	86.5
101	8.4	7.0	10.6
130	15.6	11.8	17.6

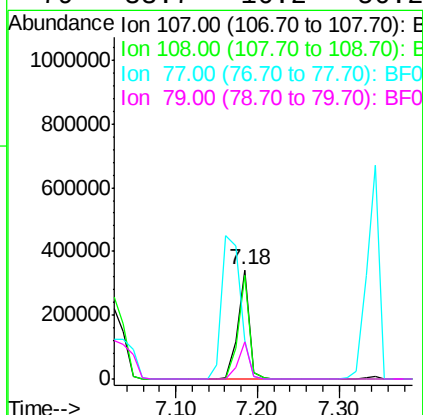


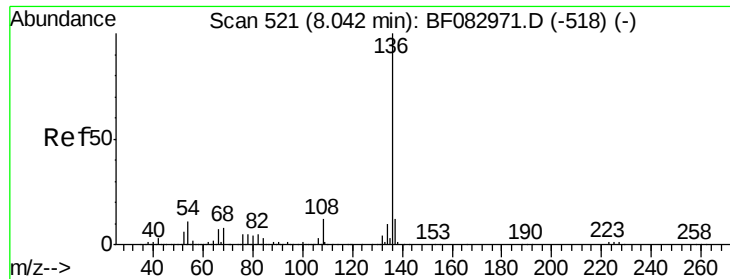
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#20
3+4-Methylphenols
Concen: 25.58 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	67.3	107.3
77	35.6	100.3	140.3#
79	33.7	16.2	56.2





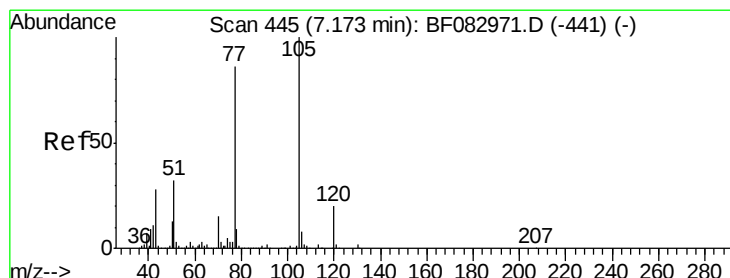
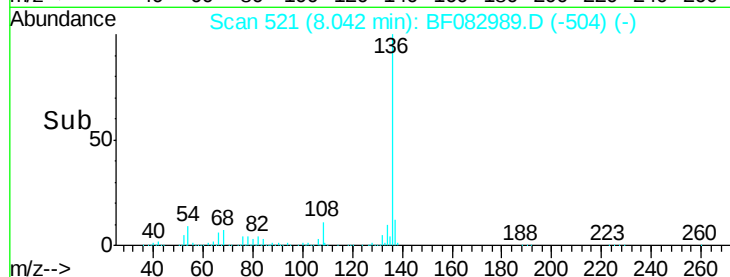
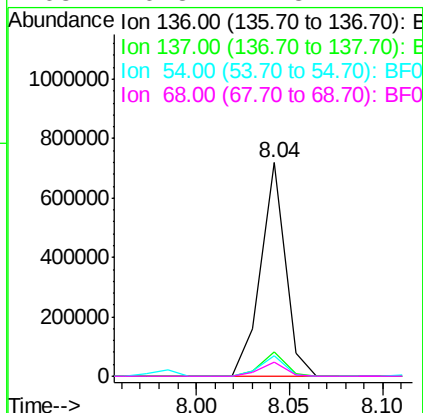
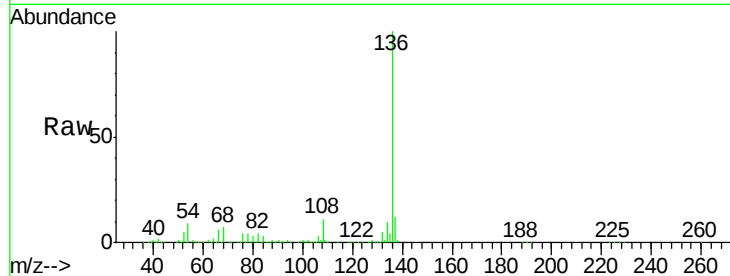
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		658323		
137	11.5	9.1	13.7		
54	9.3	9.1	13.7		
68	6.8	4.8	7.2		

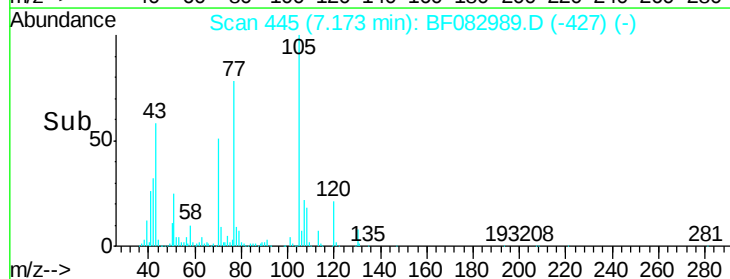
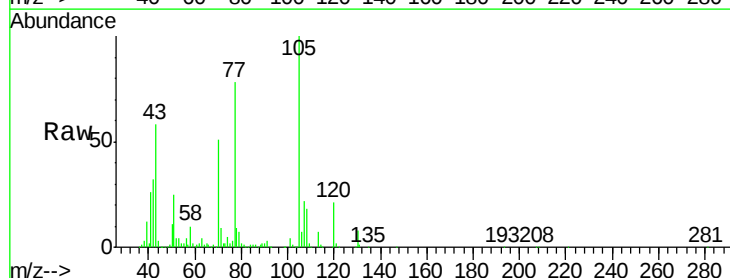
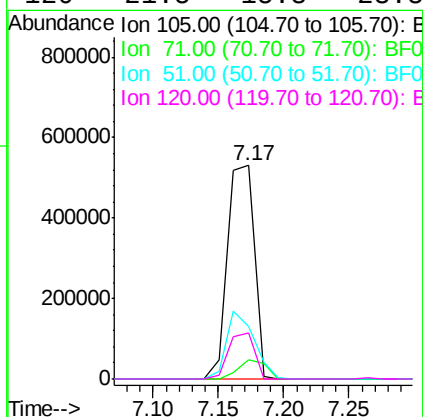
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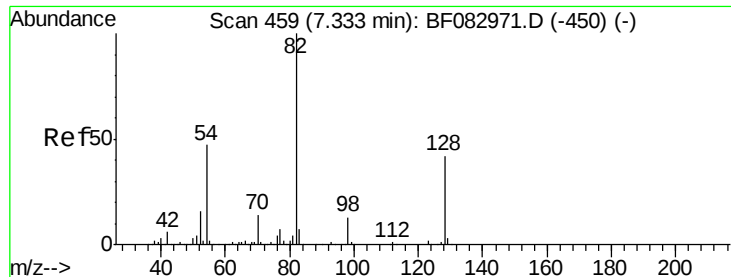
mohammad
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#22
Acetophenone
Concen: 40.16 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		757633		
71	9.2	5.6	8.4#		
51	24.8	24.9	37.3#		
120	21.5	15.8	23.8		





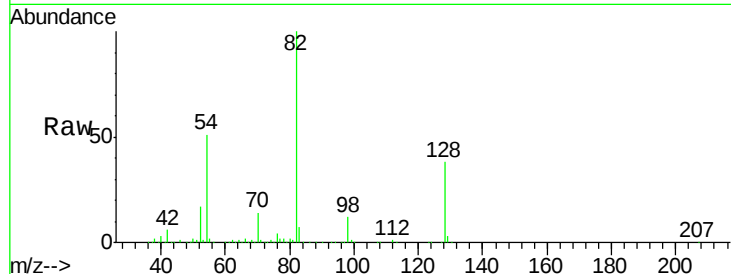
#23
Nitrobenzene-d5
Concen: 78.07 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

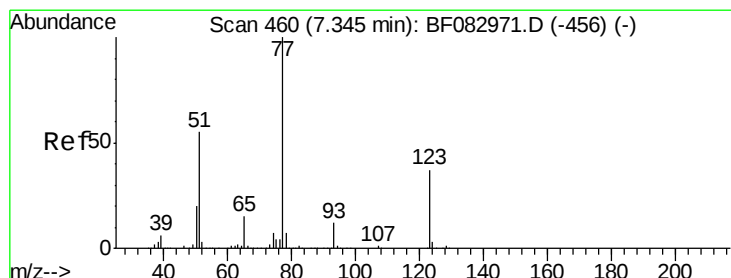
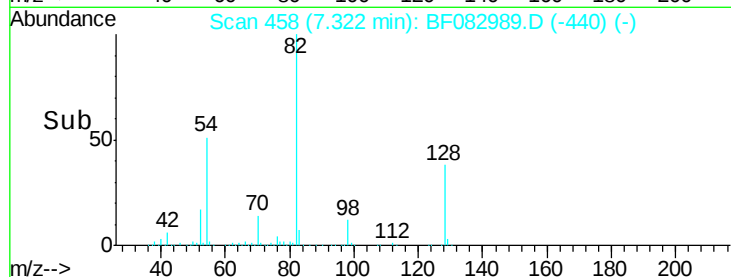
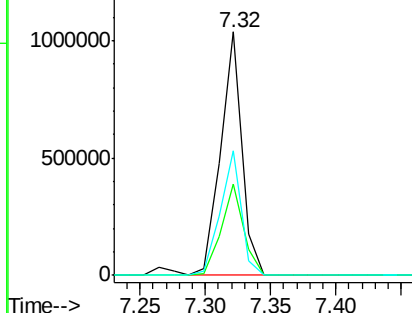
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.8	40.2
54	51.0	45.7	68.5

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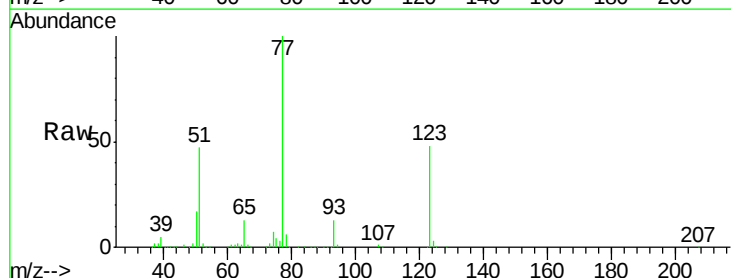


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

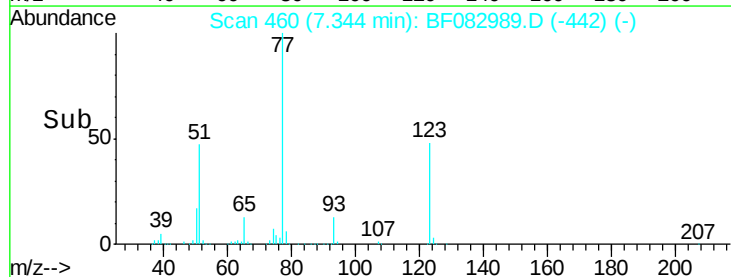
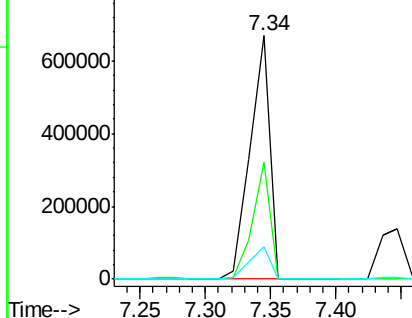


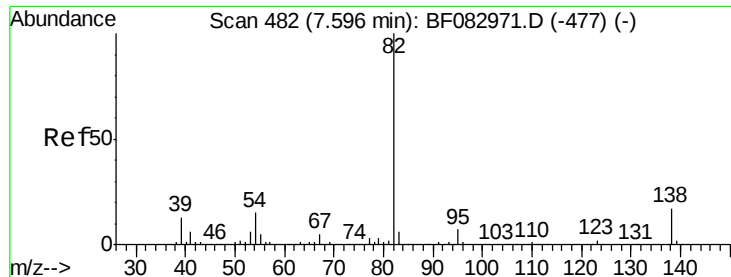
#24
Nitrobenzene
Concen: 45.46 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	36.4	54.6
65	13.3	11.5	17.3



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





#25

Isophorone

Concen: 42.34 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS

Tgt Ion: 82 Resp: 1185370

Ion Ratio Lower Upper

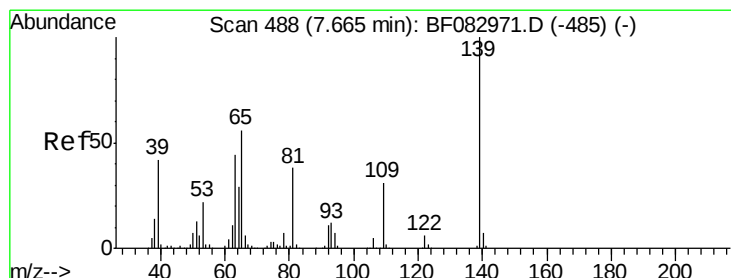
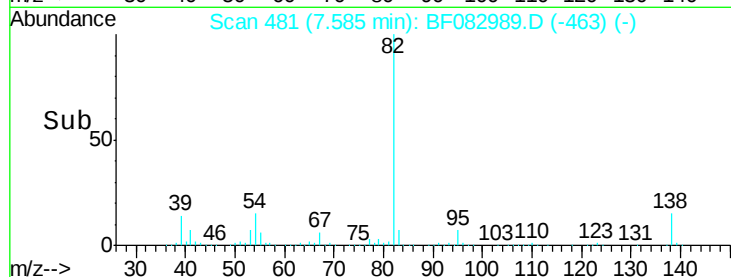
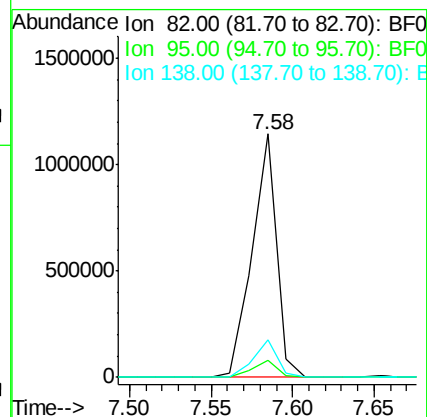
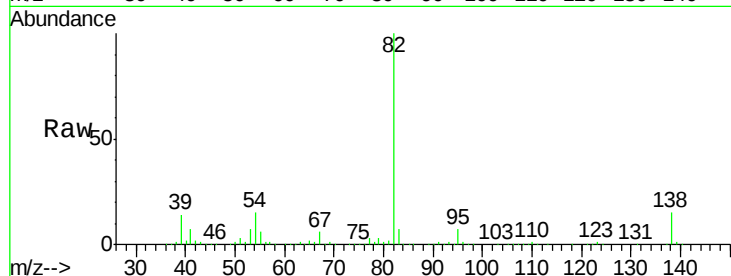
82 100

95 7.2 6.6 9.8

138 15.2 11.4 17.0

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#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

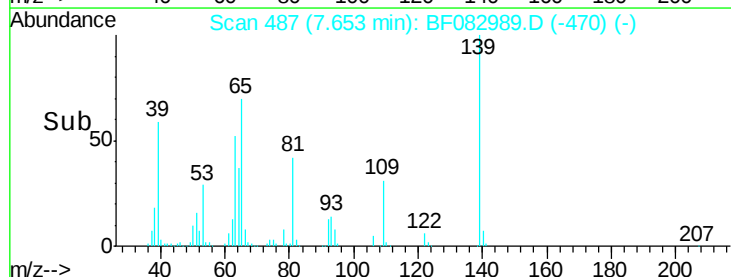
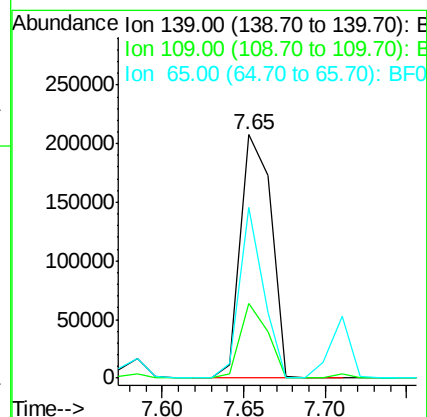
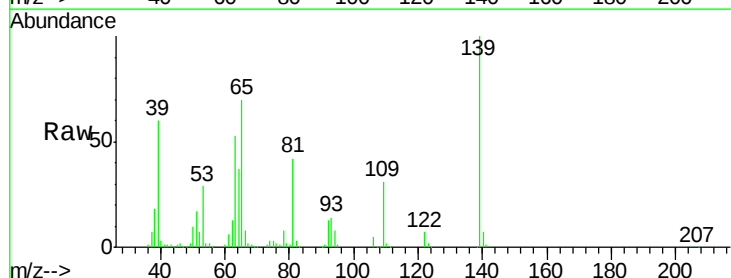
Tgt Ion: 139 Resp: 270122

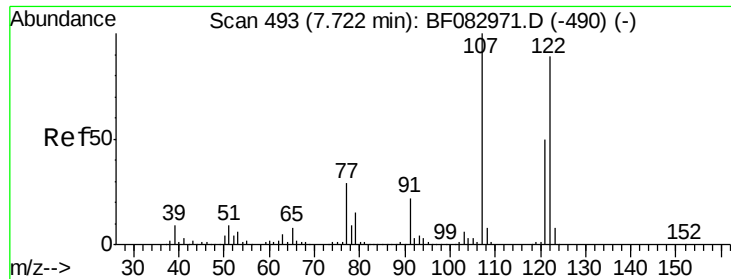
Ion Ratio Lower Upper

139 100

109 30.9 37.6 56.4#

65 70.3 70.6 105.8#





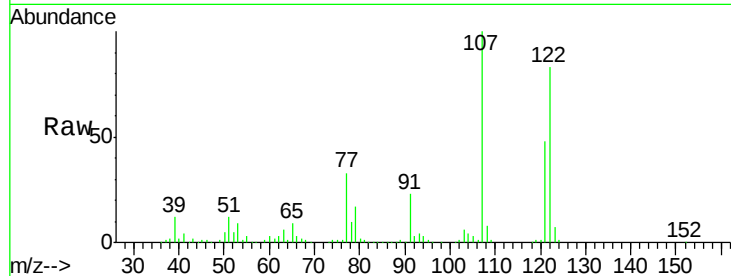
#27
2,4-Dimethylphenol
Concen: 36.63 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

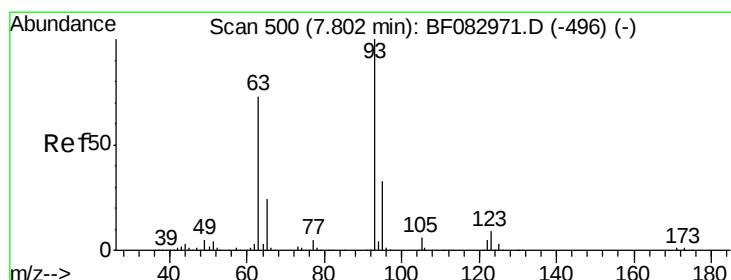
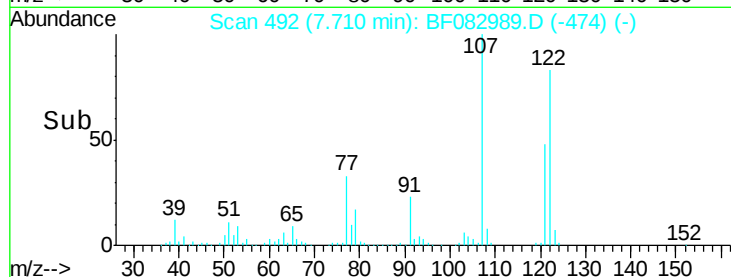
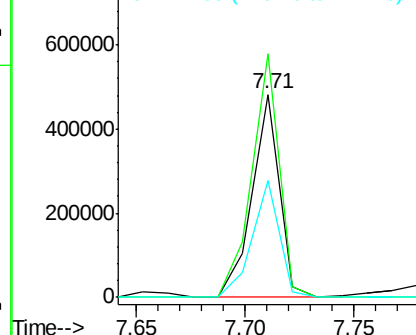
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	425011		
107	119.9	106.0	159.0	
121	57.6	46.7	70.1	

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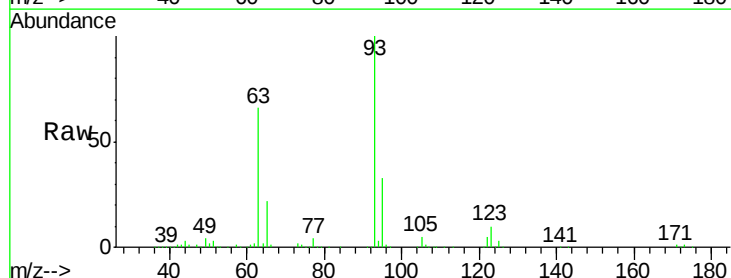


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

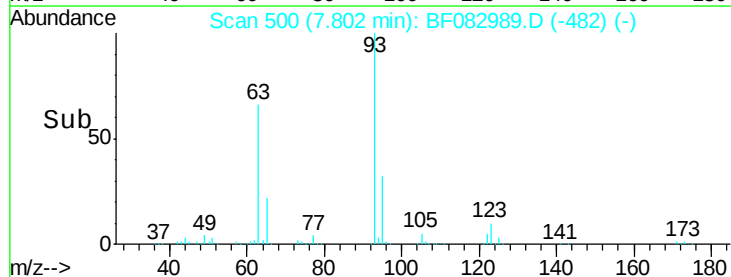
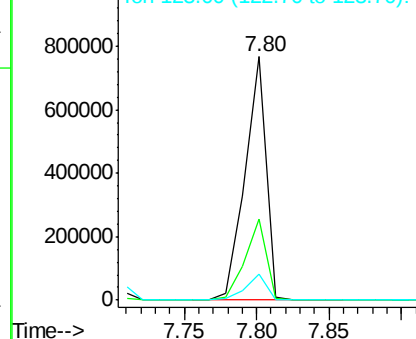


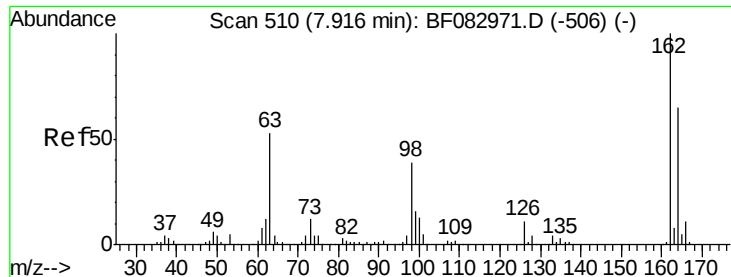
#28
bis(2-Chloroethoxy)methane
Concen: 49.00 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	773670		
95	33.2	26.6	40.0	
123	10.5	9.7	14.5	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





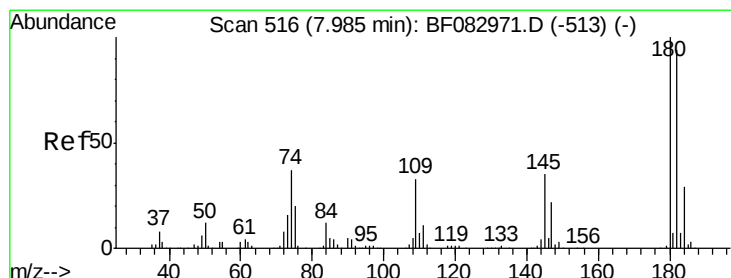
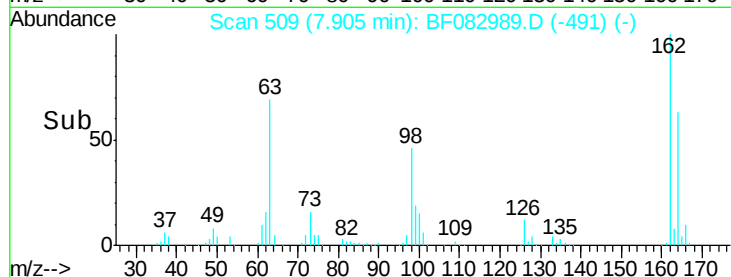
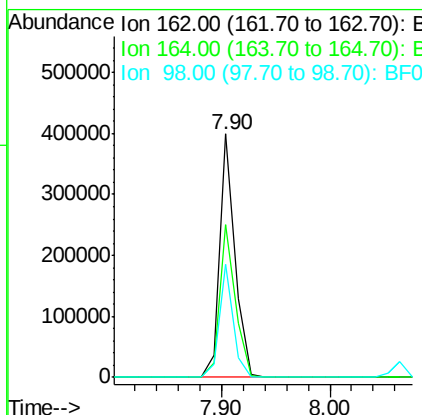
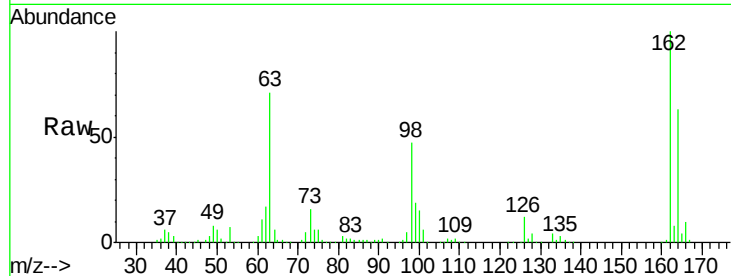
#29
2,4-Dichlorophenol
Concen: 37.52 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampled :
MW-16MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.8	46.8	86.8
98	46.5	12.5	52.5

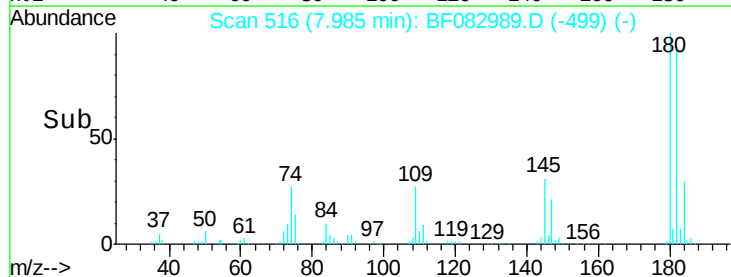
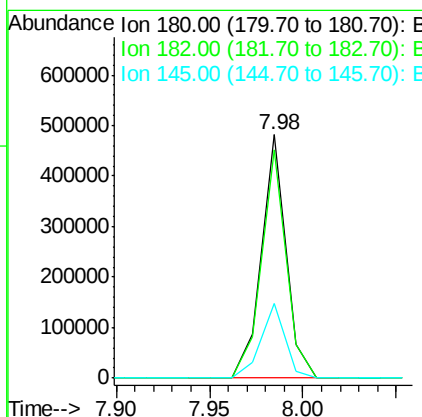
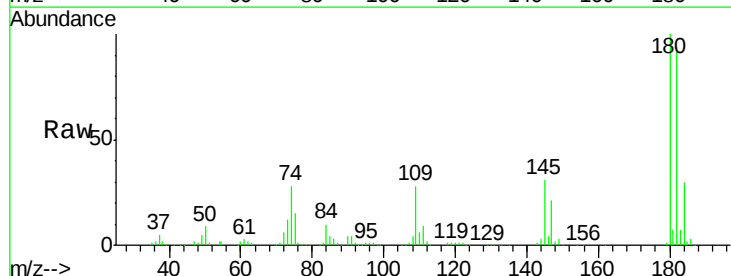
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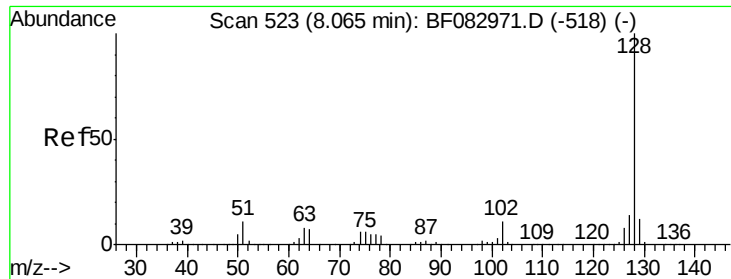
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#30
1,2,4-Trichlorobenzene
Concen: 36.99 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	74.9	112.3
145	30.9	27.8	41.8





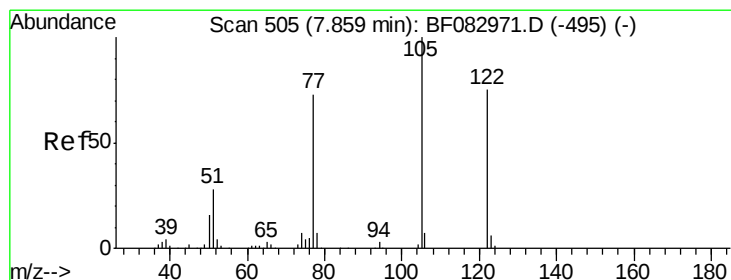
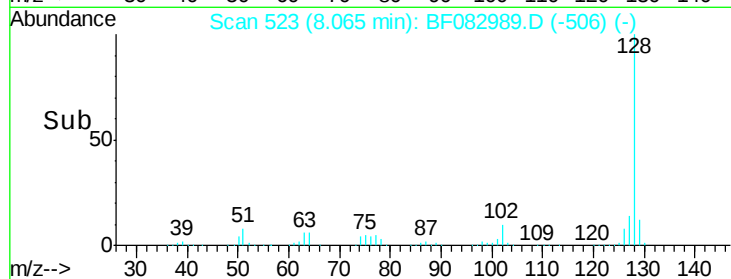
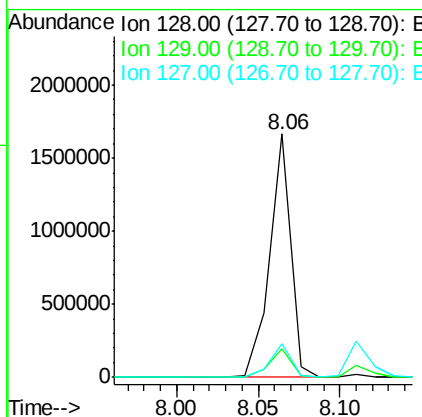
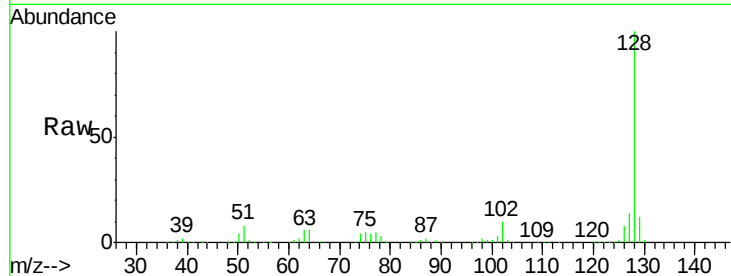
#31
Naphthalene
Concen: 41.39 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion:128 Resp: 1503363
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.8 11.4 17.0

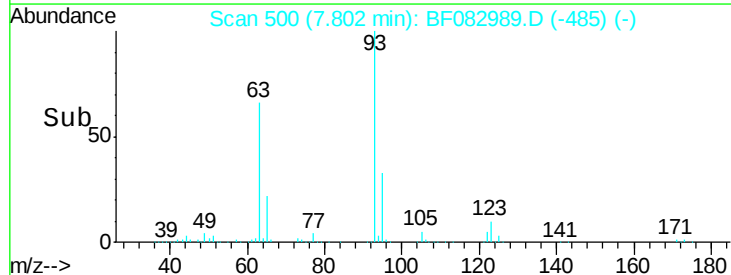
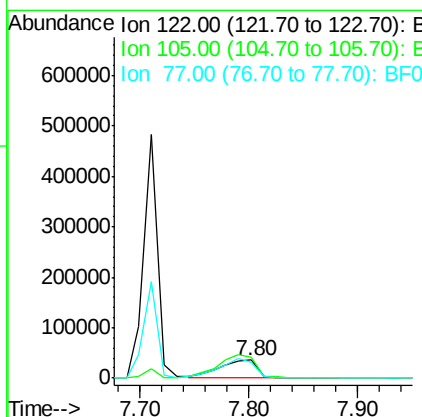
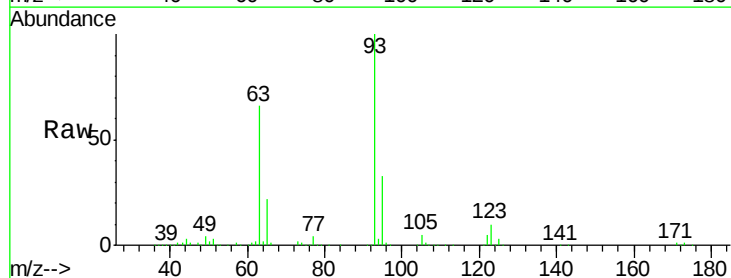
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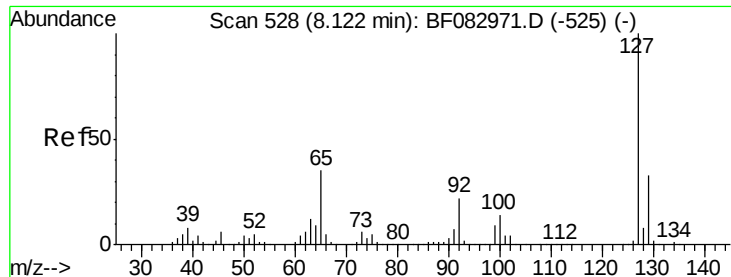
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#32
Benzoic acid
Concen: 11.13 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.13 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:122 Resp: 88387
Ion Ratio Lower Upper
122 100
105 116.5 122.6 162.6#
77 84.6 100.9 140.9#





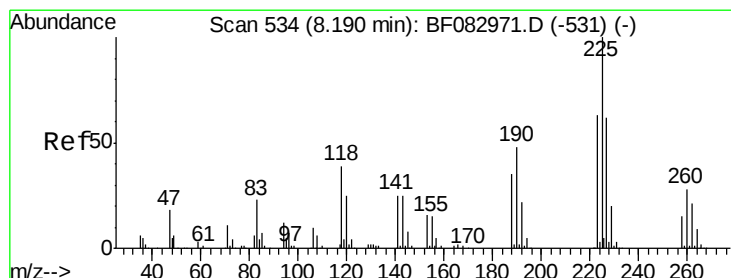
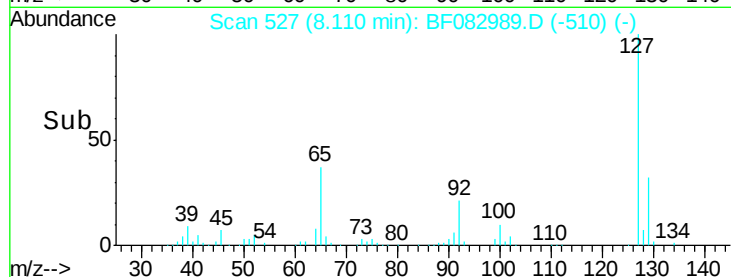
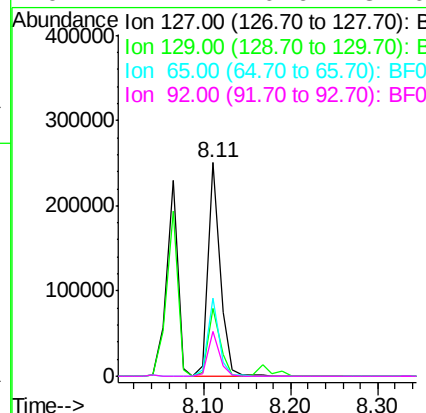
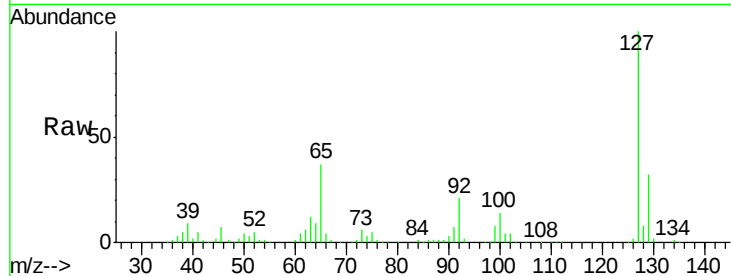
#33
4-Chloroaniline
Concen: 15.47 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.8	26.3	39.5
65	36.5	37.8	56.8
92	21.2	20.6	31.0

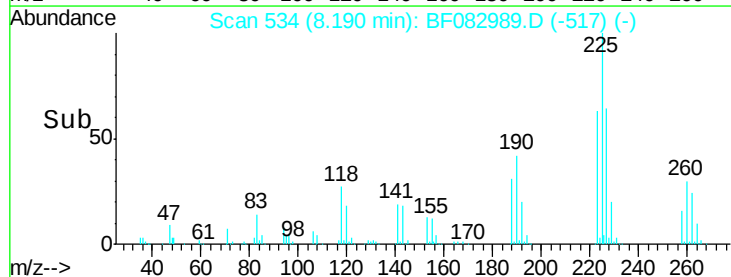
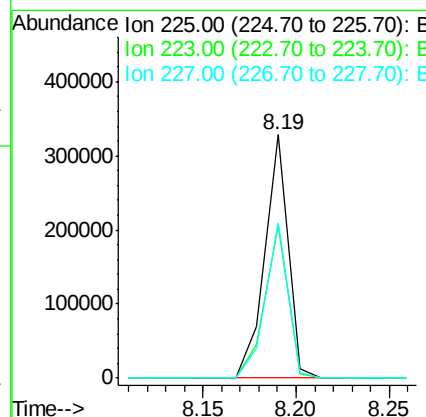
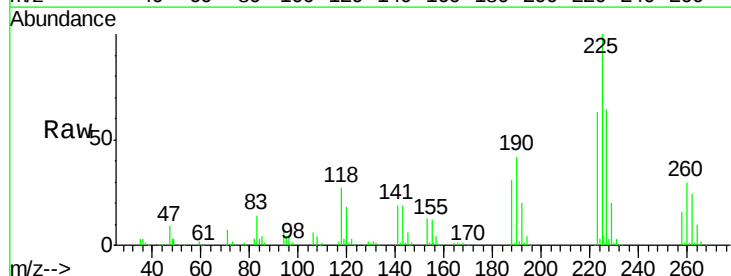
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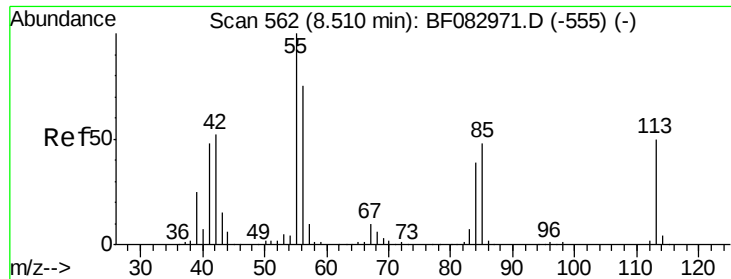
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#34
Hexachlorobutadiene
Concen: 38.19 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.5	50.5	75.7
227	63.8	50.2	75.2





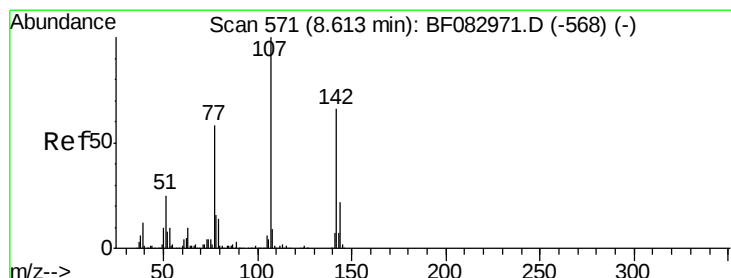
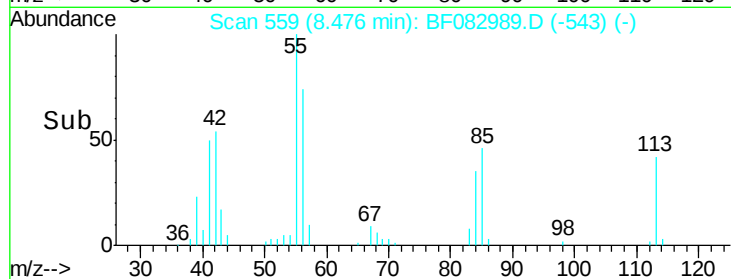
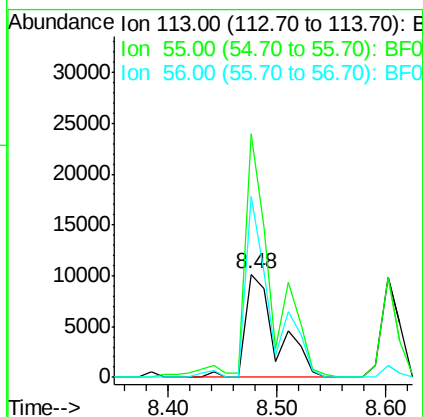
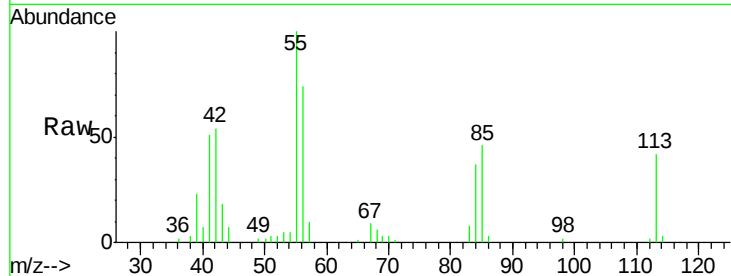
#35
 Caprolactam
 Concen: 6.05 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.11 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	235.9	195.5	235.5#
56	174.8	153.5	193.5

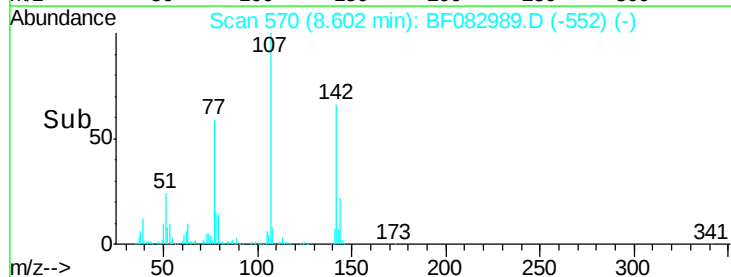
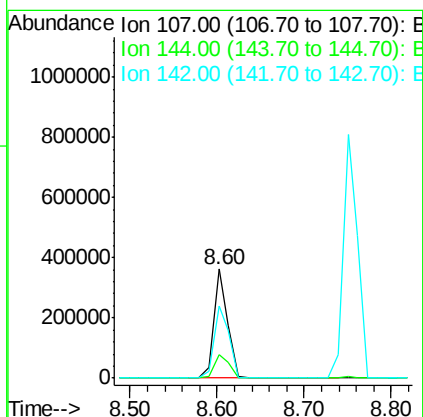
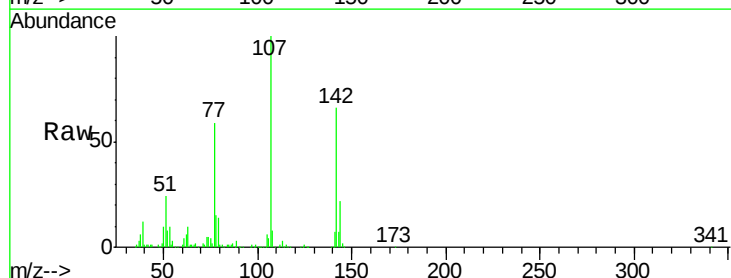
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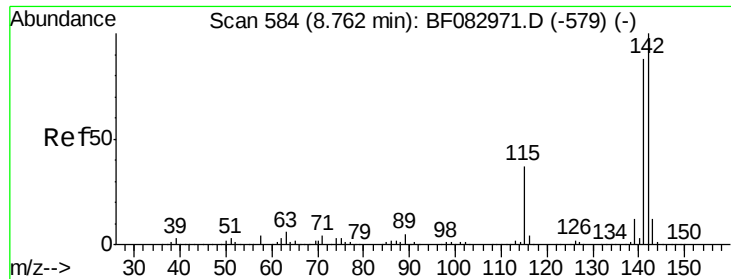
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#36
 4-Chloro-3-methylphenol
 Concen: 32.33 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	15.4	23.0
142	65.7	47.8	71.8





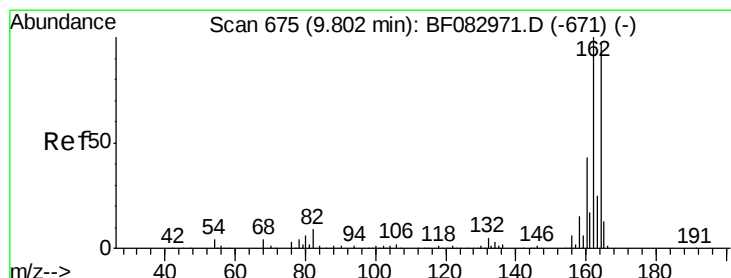
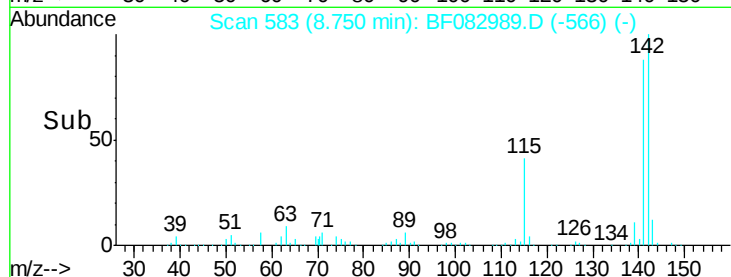
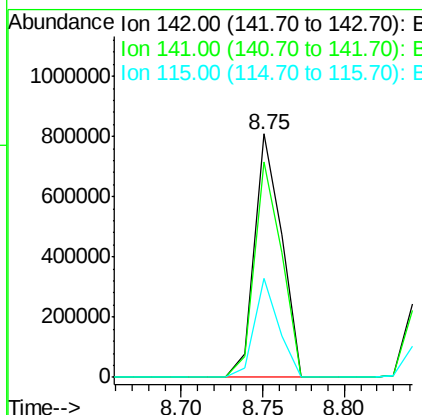
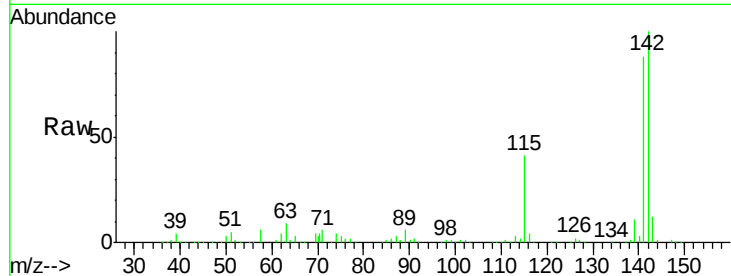
#37
2-Methylnaphthalene
Concen: 39.68 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.3	108.5
115	40.8	38.1	57.1

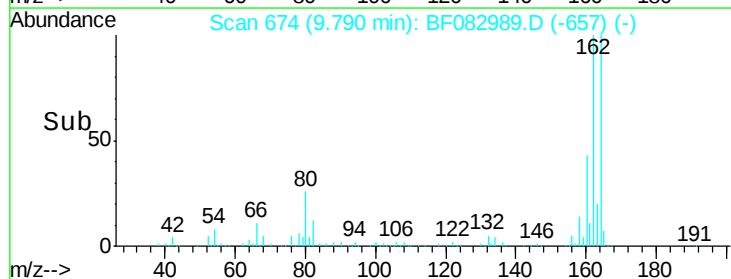
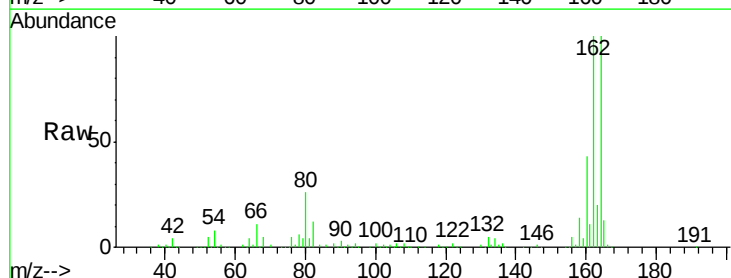
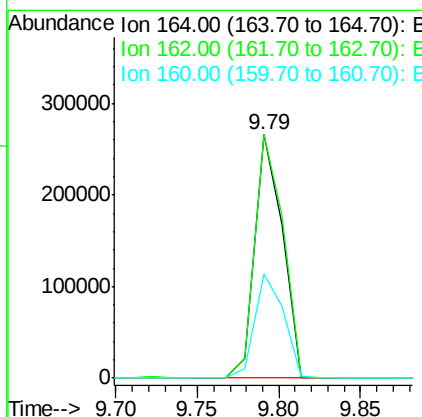
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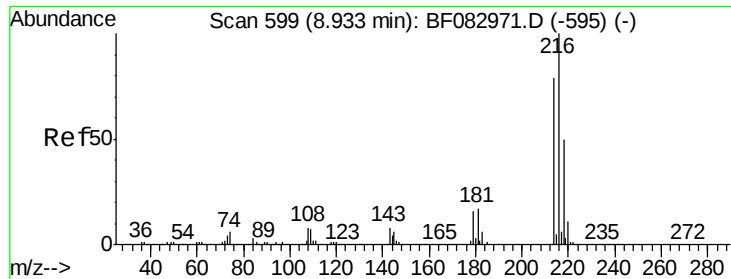
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	84.9	127.3
160	43.0	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.18 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082989.D

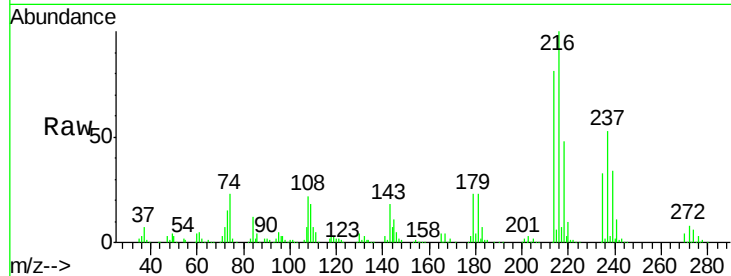
Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

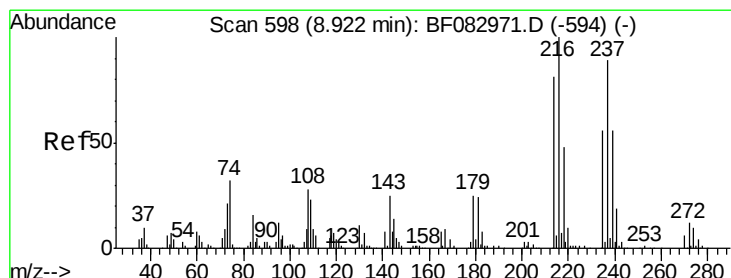
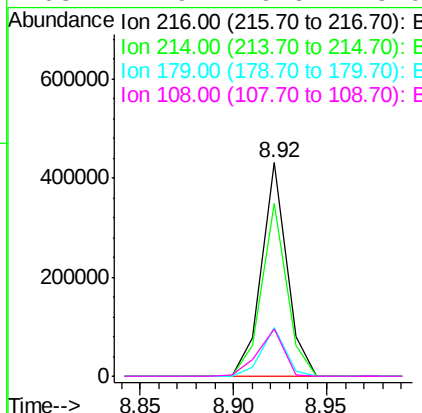
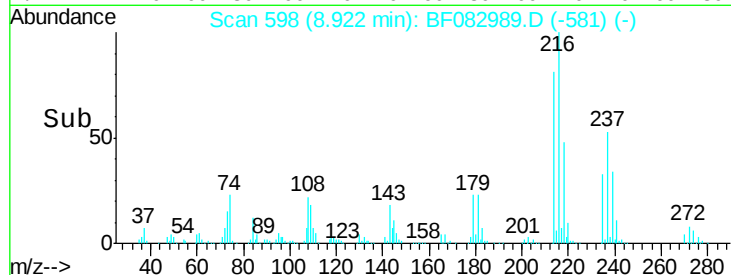
MW-16MS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	404309		
214	80.5	62.2	93.2	
179	21.8	18.1	27.1	
108	22.9	16.6	25.0	

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#40

Hexachlorocyclopentadiene

Concen: 74.21 ng

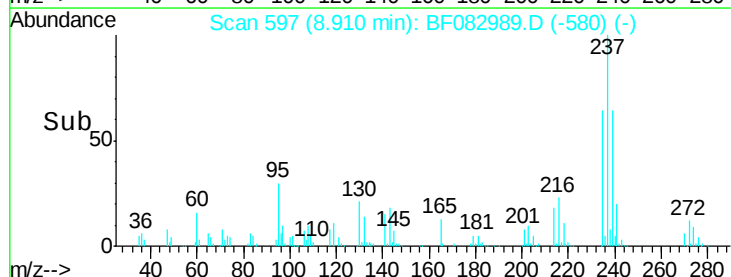
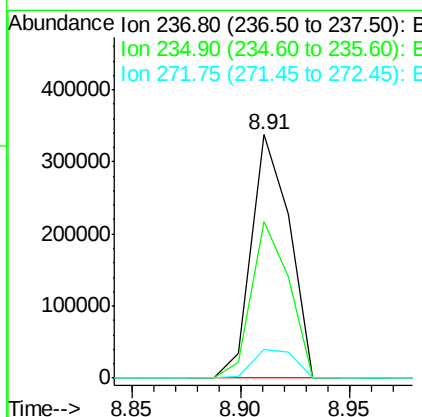
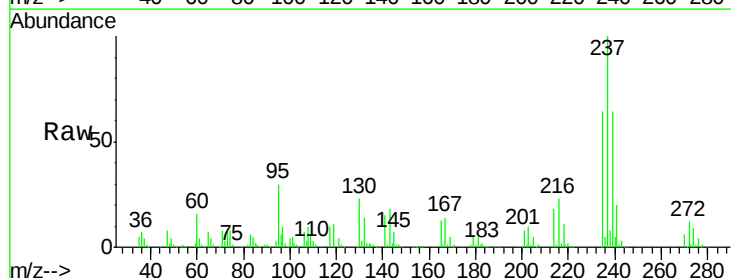
RT: 8.91 min Scan# 597

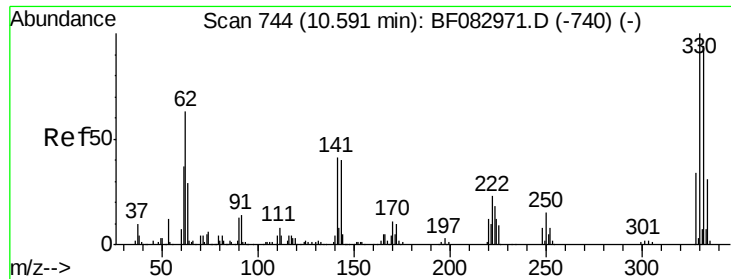
Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	411385		
235	64.4	44.3	84.3	
272	11.8	0.0	31.9	





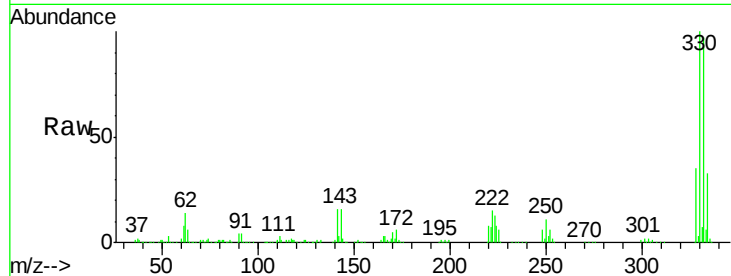
#41
 2,4,6-Tribromophenol
 Concen: 135.40 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS

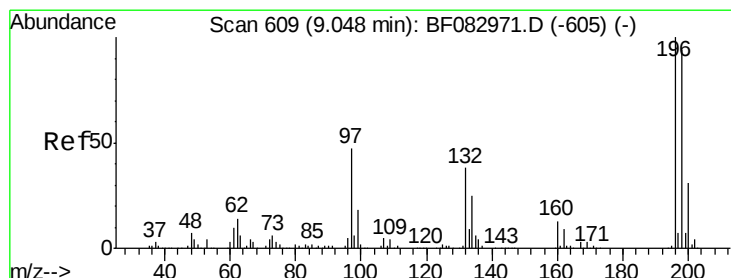
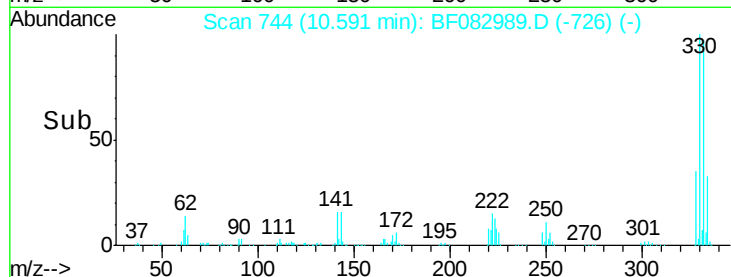
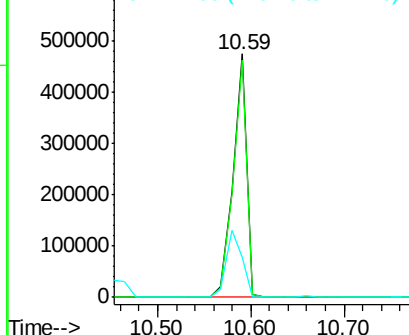
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	487491		
332	97.3	76.6	114.8	
141	32.2	41.2	61.8#	

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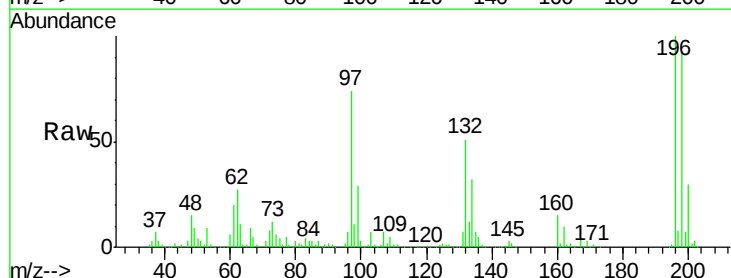


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

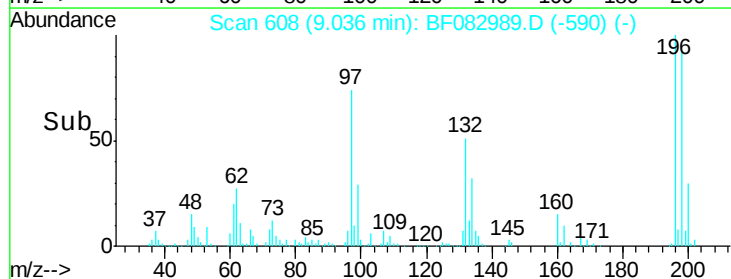
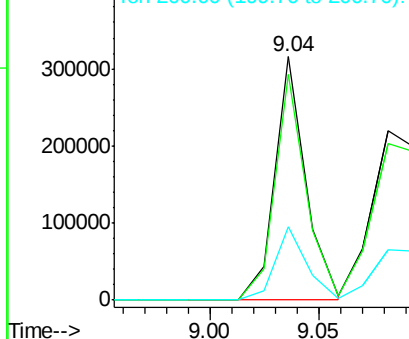


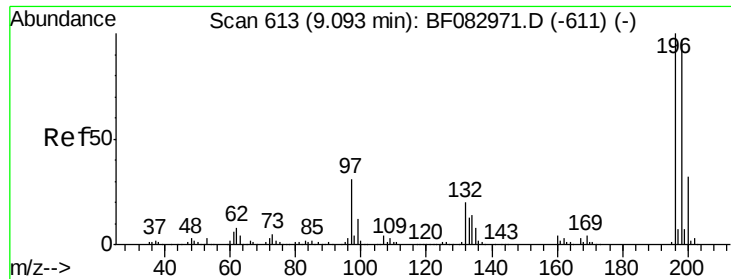
#42
 2,4,6-Trichlorophenol
 Concen: 40.79 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314180		
198	92.8	76.3	114.5	
200	30.0	23.9	35.9	



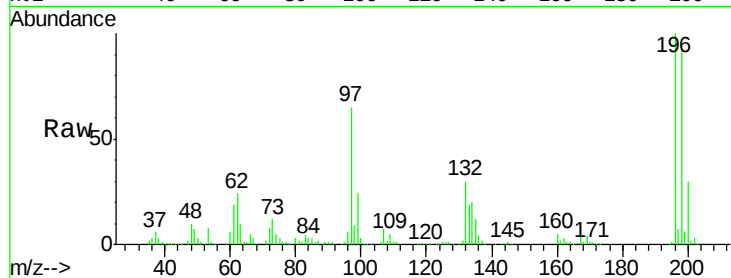
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.44 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

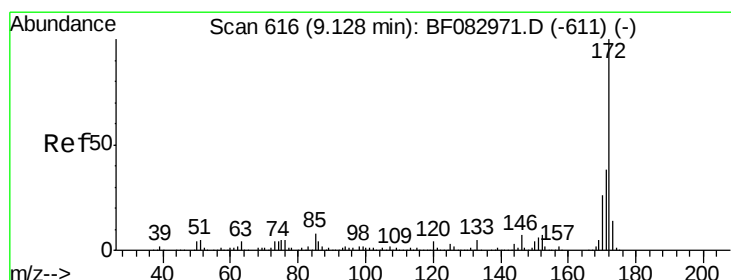
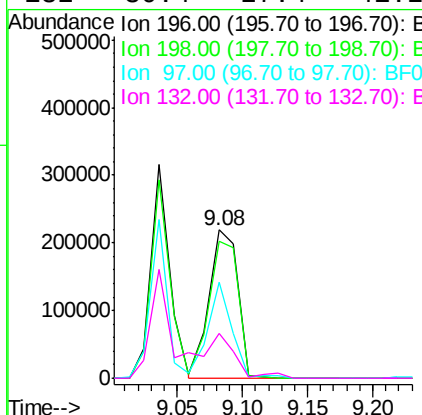
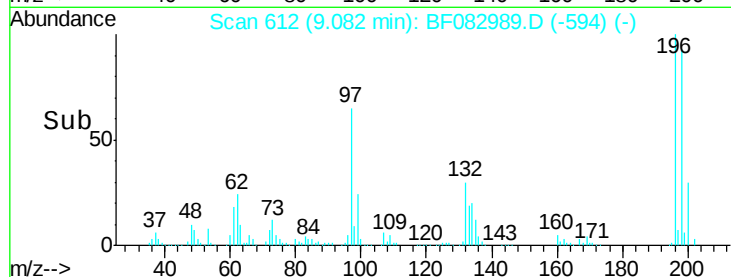
Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338551		
198	92.6	75.8	113.8	
97	64.7	62.3	93.5	
132	30.4	27.4	41.2	

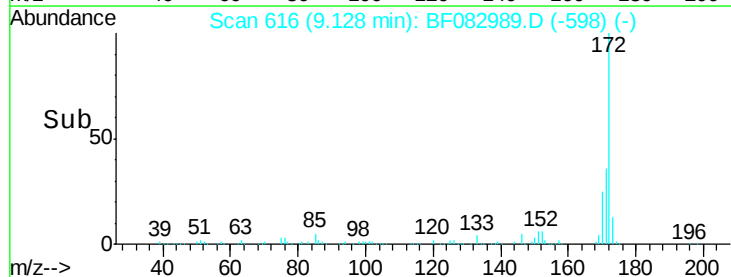
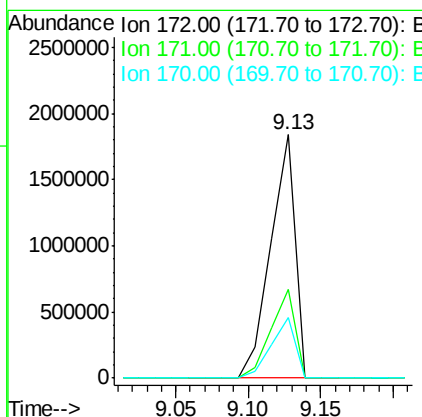
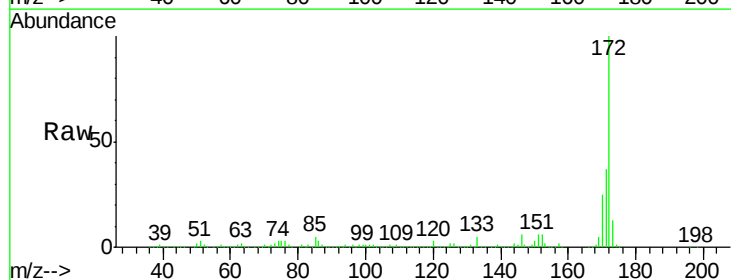
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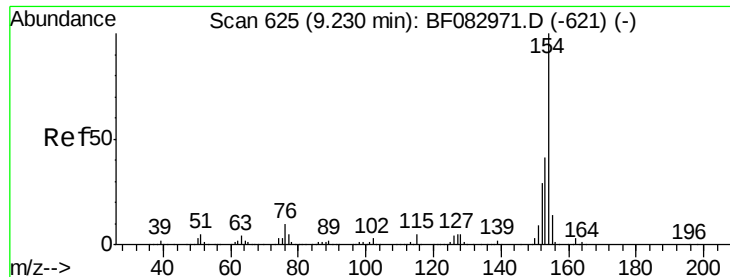
mohammad
 11/19/2015 8:25:33 AM



#44
 2-Fluorobiphenyl
 Concen: 98.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2153806		
171	36.6	30.8	46.2	
170	25.1	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 38.75 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

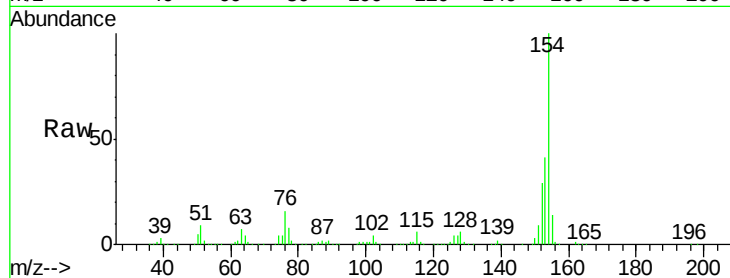
ClientSampleId :

MW-16MS

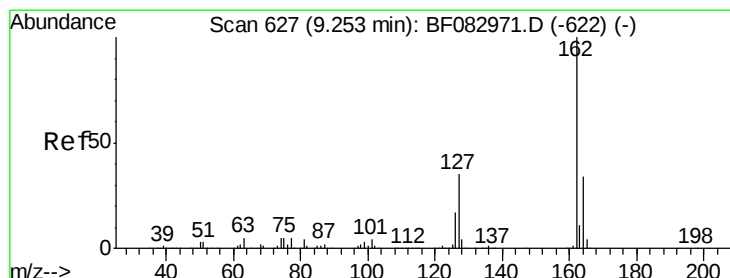
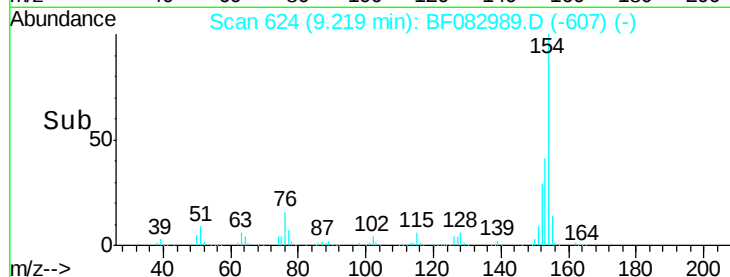
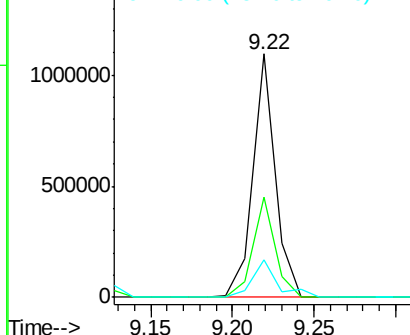
Tgt Ion:	154	Resp:	1044034
Ion Ratio	Lower	Upper	
154	100		
153	41.4	22.0	62.0
76	15.6	0.0	29.0

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



#46

2-Chloronaphthalene

Concen: 41.43 ng

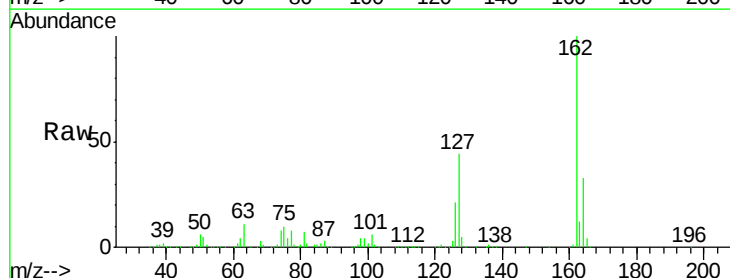
RT: 9.24 min Scan# 626

Delta R.T. -0.10 min

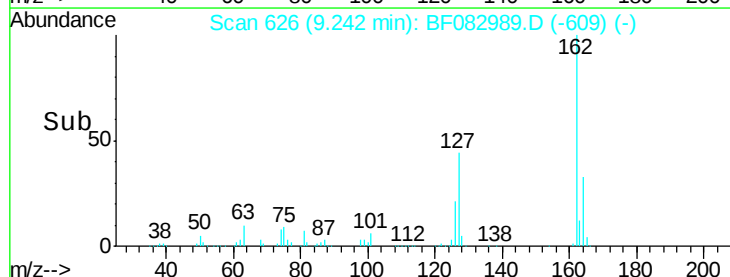
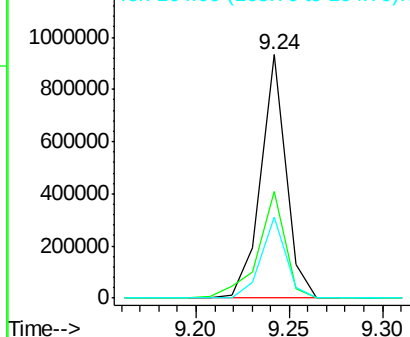
Lab File: BF082989.D

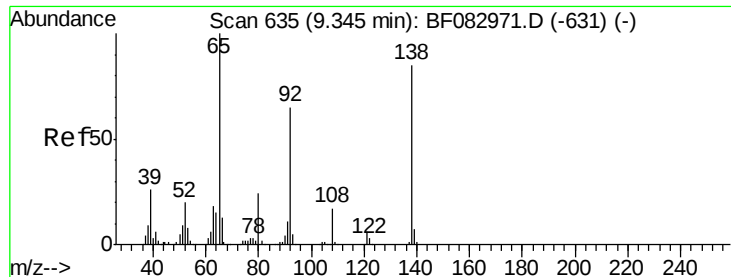
Acq: 18 Nov 2015 2:25

Tgt Ion:	162	Resp:	870699
Ion Ratio	Lower	Upper	
162	100		
127	43.9	32.7	49.1
164	33.1	27.4	41.0



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





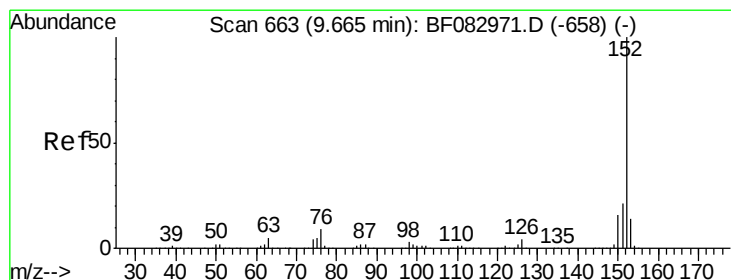
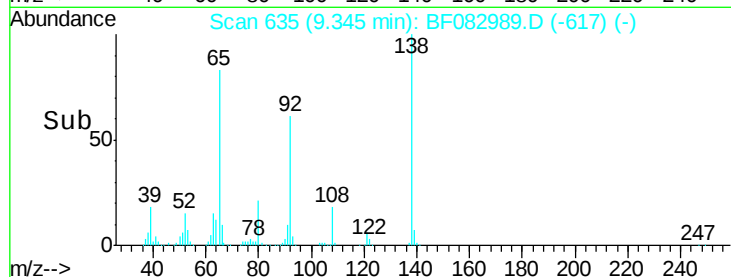
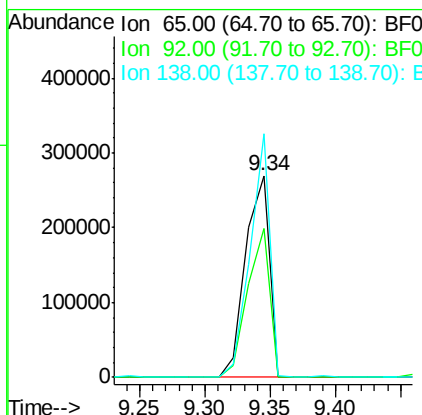
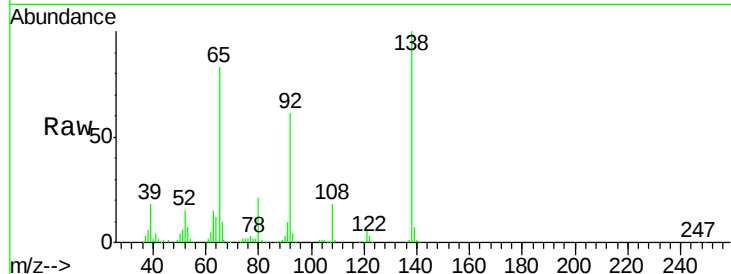
#47
2-Nitroaniline
Concen: 43.88 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	46.6	70.0#
138	120.9	54.6	81.8#

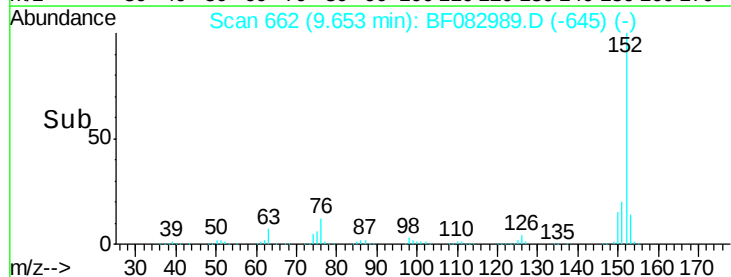
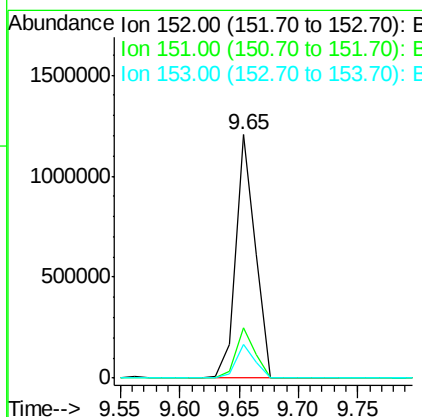
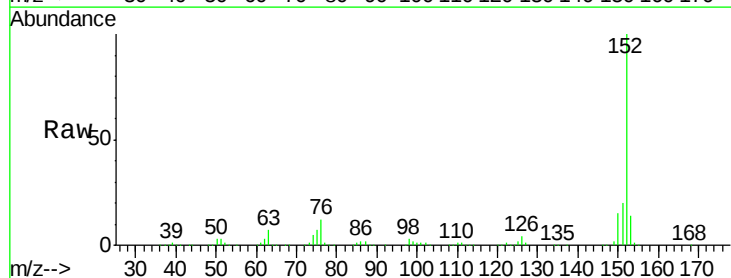
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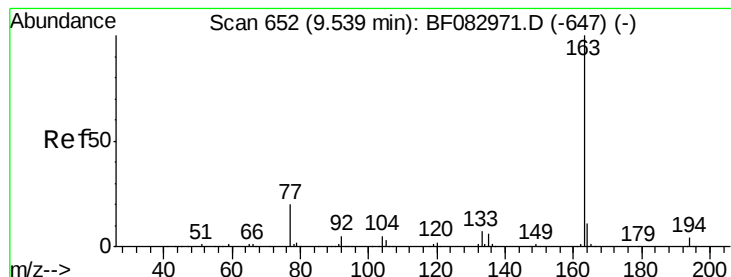
mohammad
11/19/2015 8:25:33 AM



#48
Acenaphthylene
Concen: 41.42 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.3	25.9
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 40.03 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS

Tgt Ion:163 Resp: 1029940

Ion Ratio Lower Upper

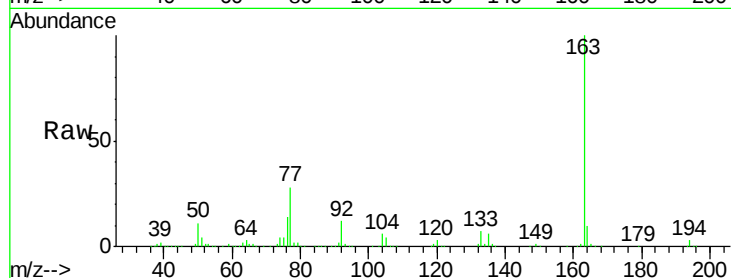
163 100

194 3.3 2.6 4.0

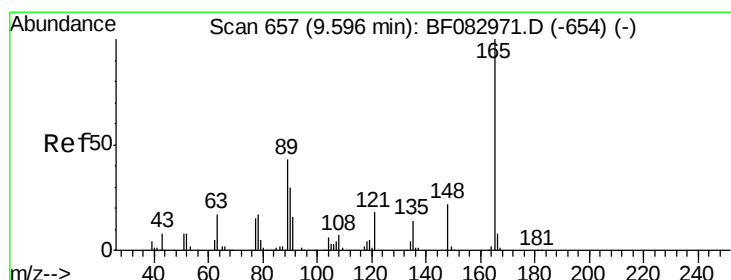
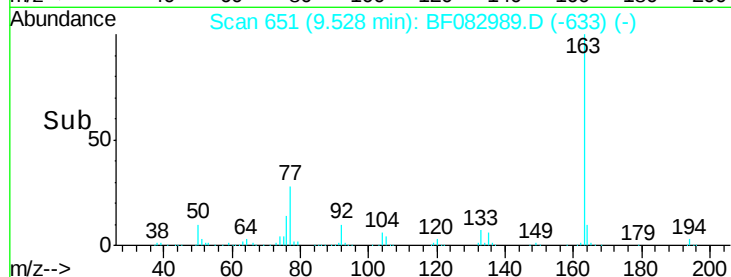
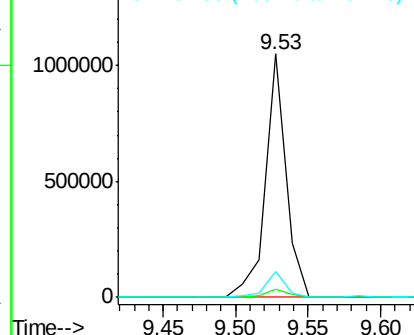
164 10.5 8.7 13.1

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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: 44.08 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

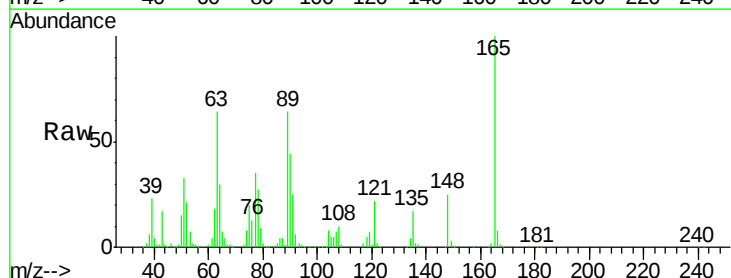
Tgt Ion:165 Resp: 241969

Ion Ratio Lower Upper

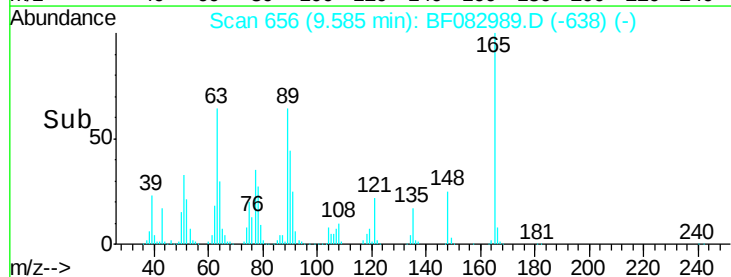
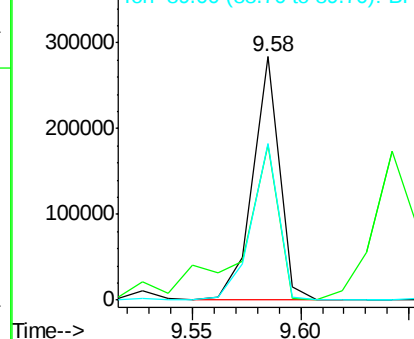
165 100

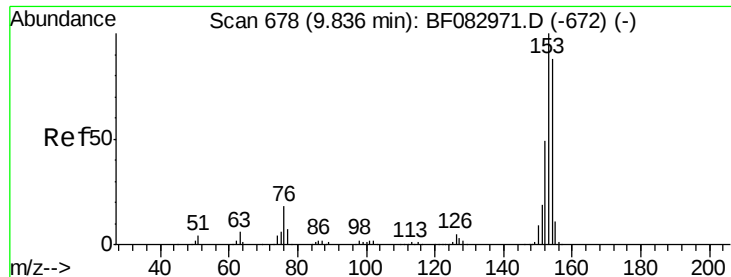
63 63.8 55.5 83.3

89 64.5 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: 48.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS

Tgt Ion:154 Resp: 1002035

Ion Ratio Lower Upper

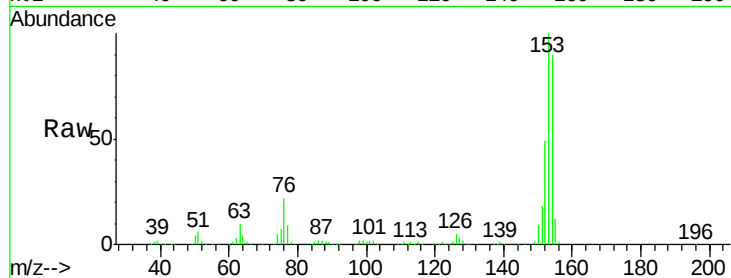
154 100

153 111.1 90.1 135.1

152 54.2 44.3 66.5

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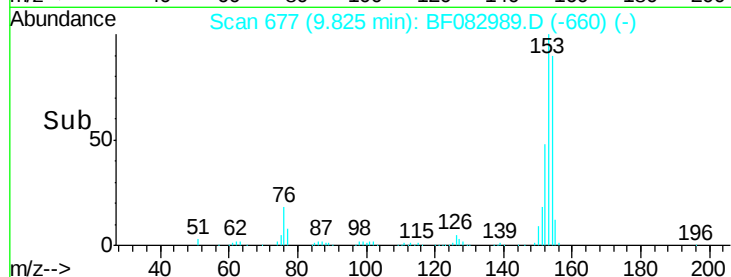
mohammad
11/19/2015 8:25:33 AM



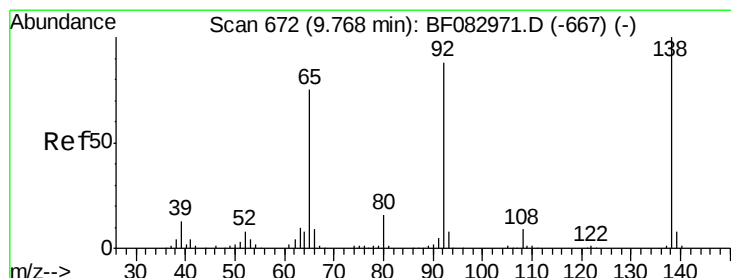
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 18.91 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

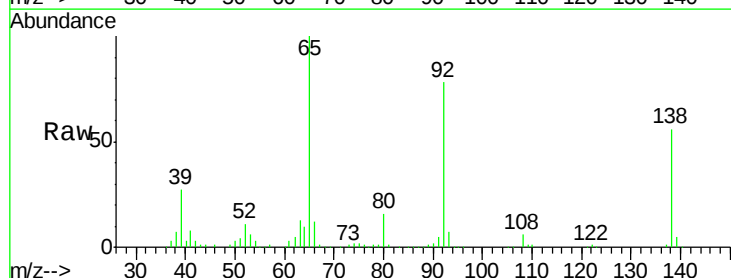
Tgt Ion:138 Resp: 114160

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

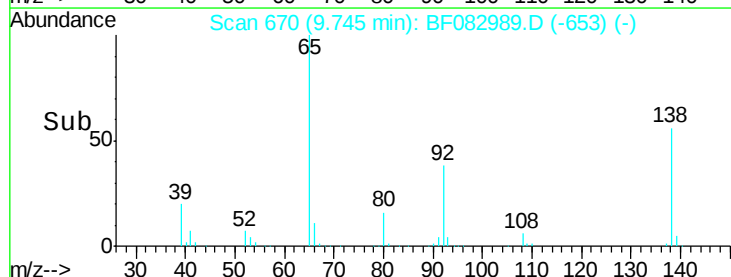
92 140.3 122.4 183.6



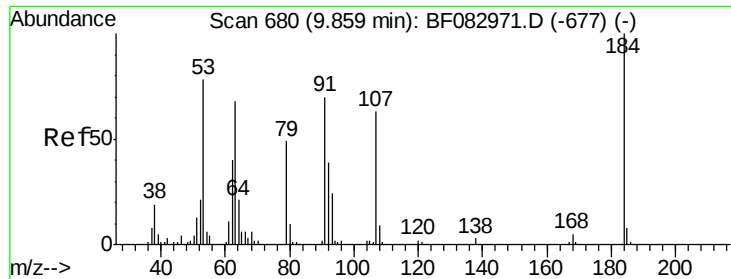
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



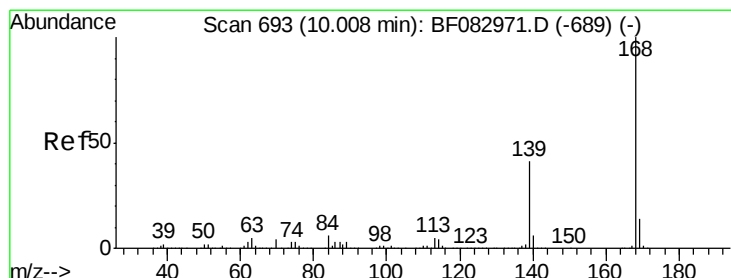
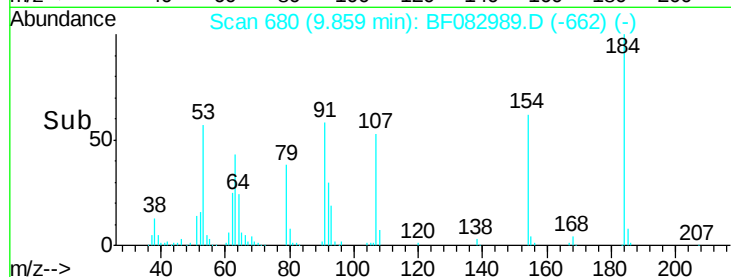
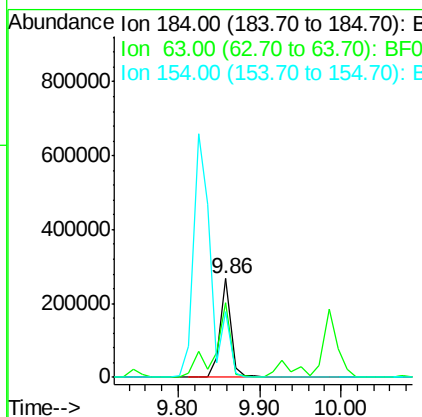
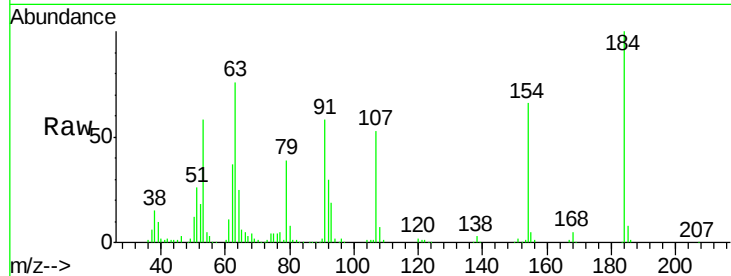
#53
2,4-Dinitrophenol
Concen: 83.41 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleID :
MW-16MS

Tgt Ion:184 Resp: 251385
Ion Ratio Lower Upper
184 100
63 76.3 98.6 148.0#
154 66.1 183.9 275.9#

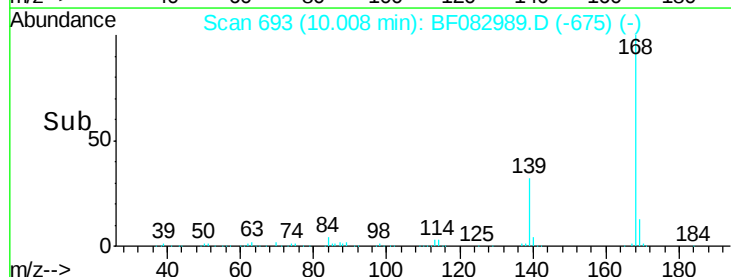
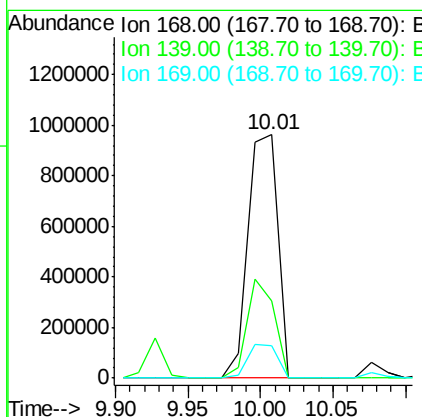
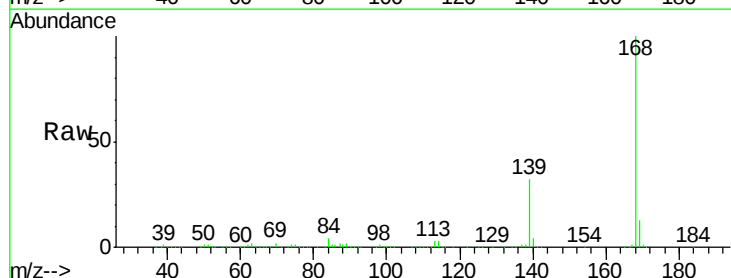
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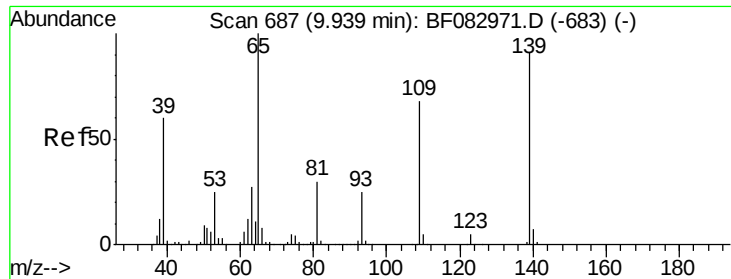
mohammad
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#54
Dibenzofuran
Concen: 48.67 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:168 Resp: 1369772
Ion Ratio Lower Upper
168 100
139 31.8 37.8 56.6#
169 13.3 11.3 16.9





#55

4-Nitrophenol

Concen: 30.11 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.08 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

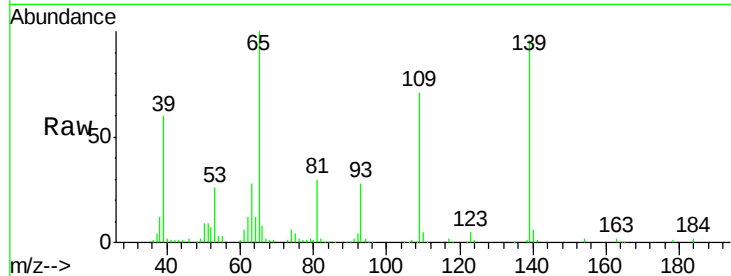
ClientSampled :

MW-16MS

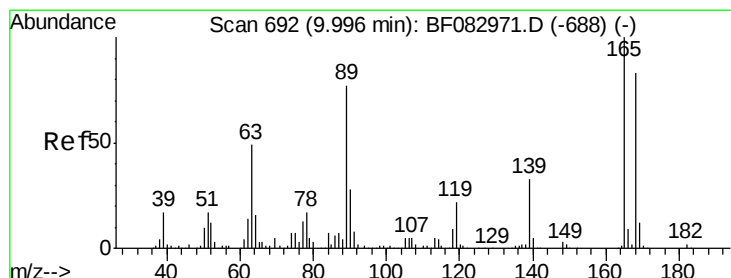
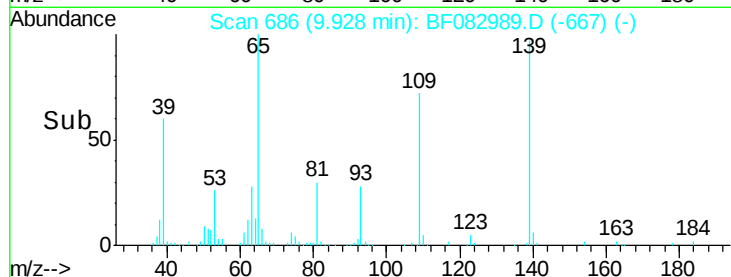
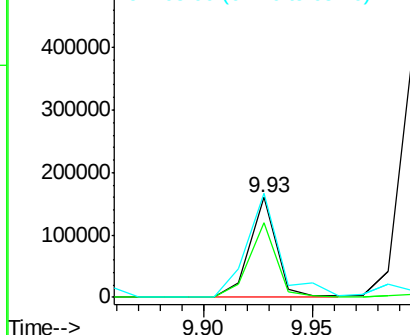
Tgt Ion:	139	Resp:	139450
Ion Ratio	Lower	Upper	
139	100		
109	74.1	73.7	113.7
65	103.9	82.9	122.9

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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: 42.06 ng

RT: 9.98 min Scan# 691

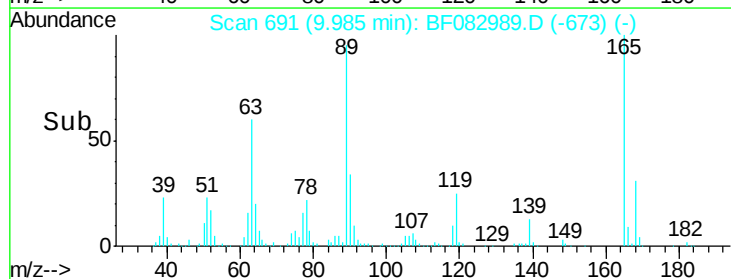
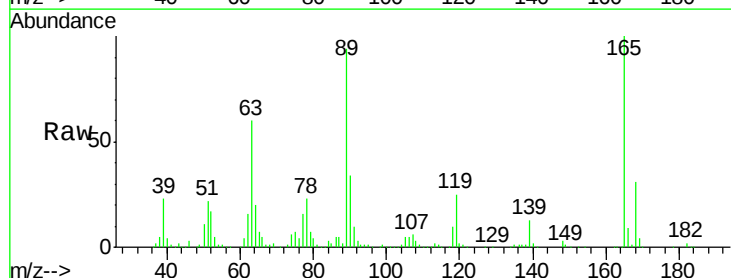
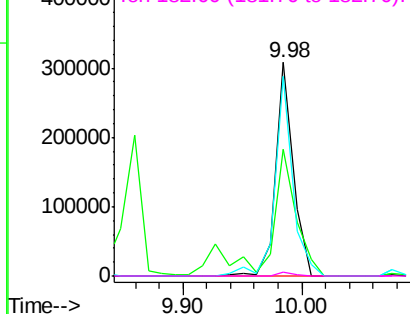
Delta R.T. -0.09 min

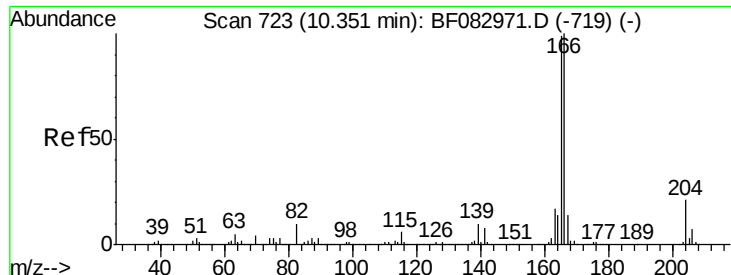
Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	165	Resp:	313236
Ion Ratio	Lower	Upper	
165	100		
63	59.5	43.4	65.0
89	93.6	70.6	106.0
182	2.0	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: 41.45 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082989.D

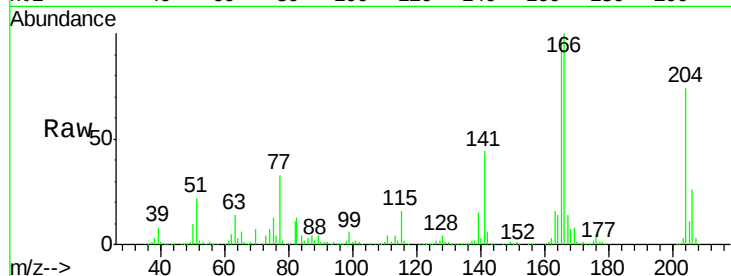
Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

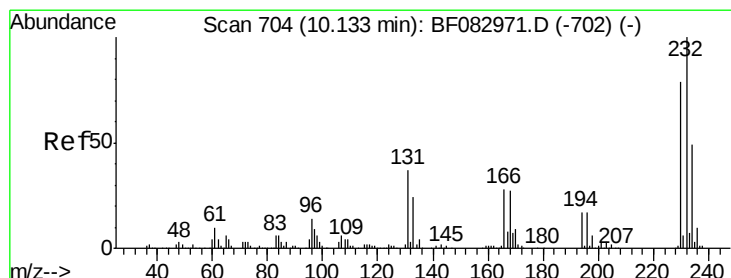
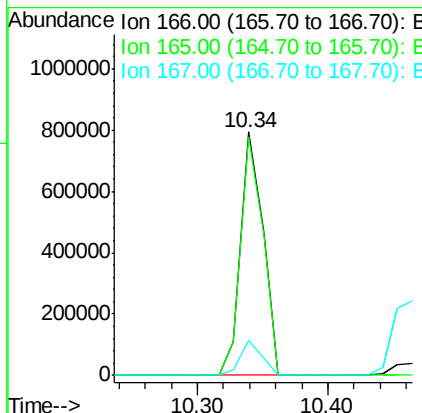
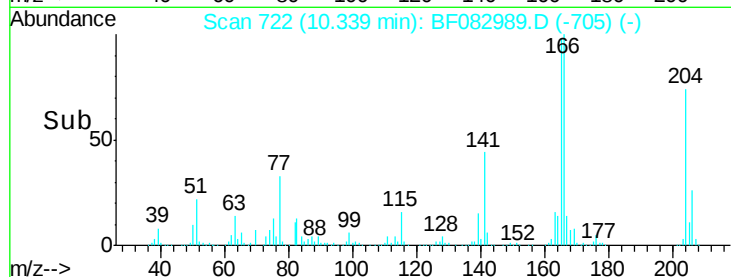
MW-16MS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	944766		
165	97.7	80.2	120.4	
167	14.4	11.2	16.8	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.87 ng

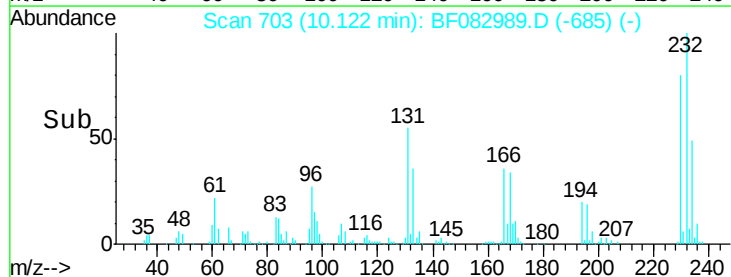
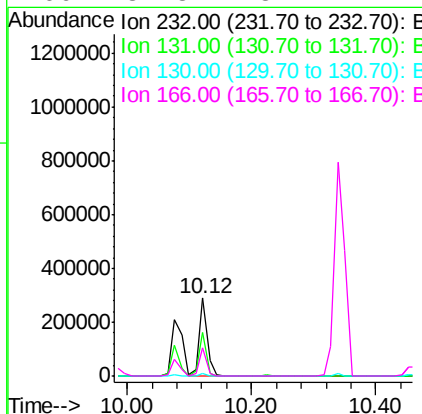
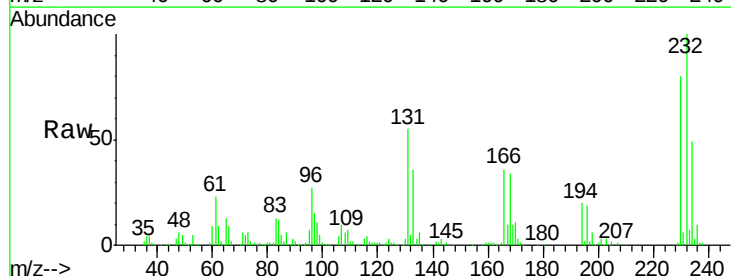
RT: 10.12 min Scan# 703

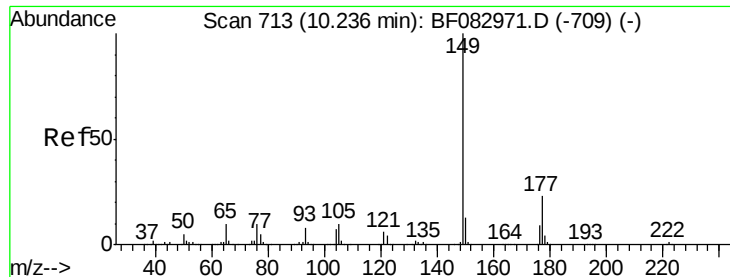
Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	266535		
131	50.1	46.2	69.2	
130	2.4	2.4	3.6	
166	32.8	28.2	42.2	





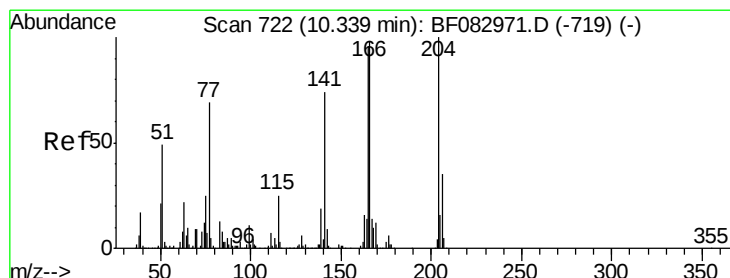
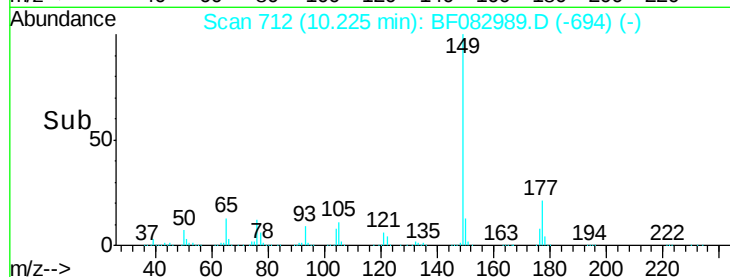
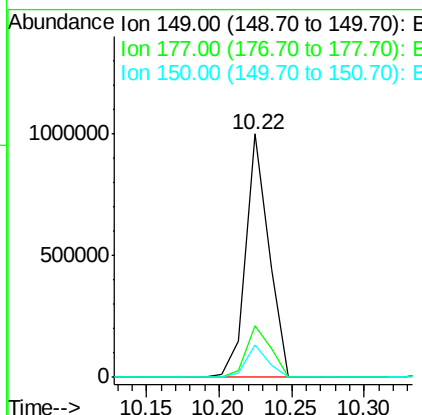
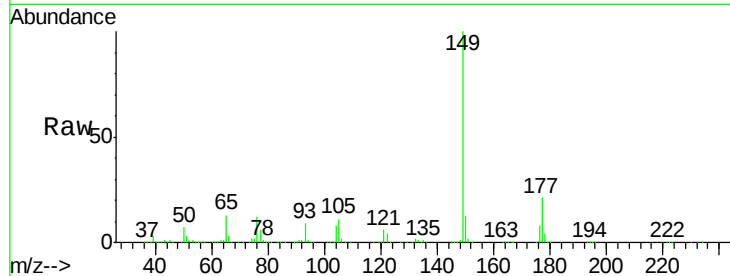
#59
Diethylphthalate
Concen: 43.75 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.9	26.9
150	13.1	10.1	15.1

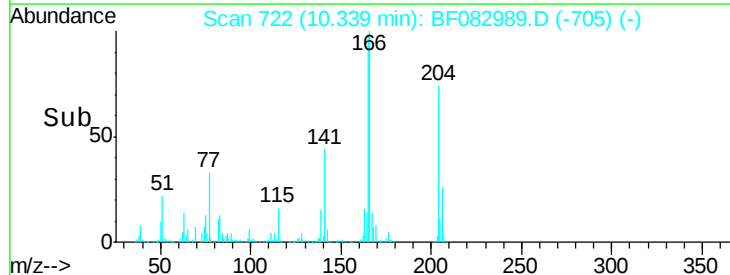
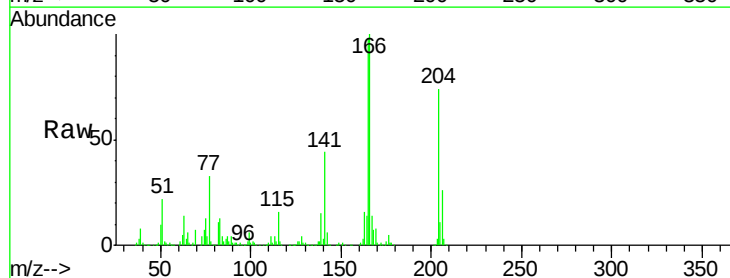
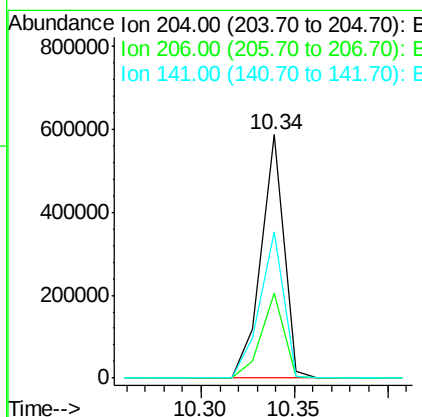
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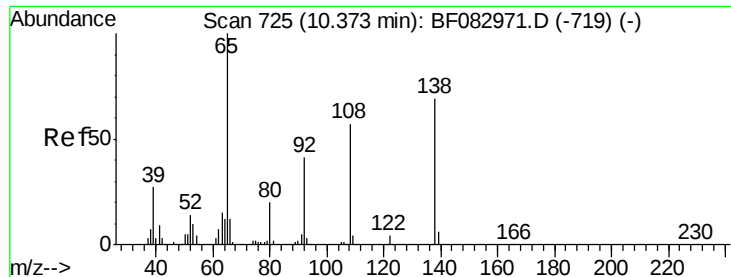
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#60
4-Chlorophenyl-phenylether
Concen: 43.52 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	60.1	44.6	66.8





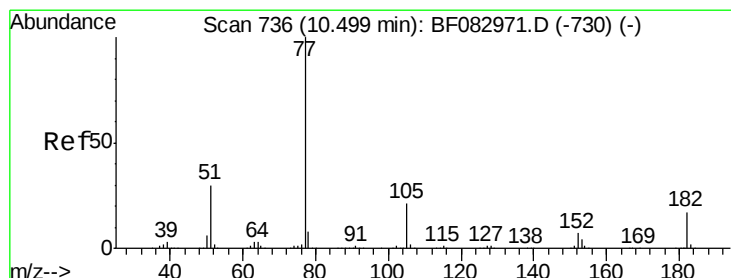
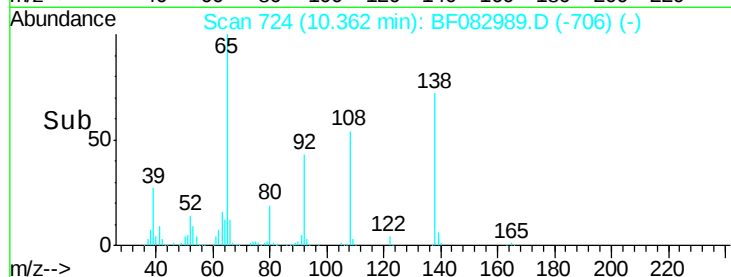
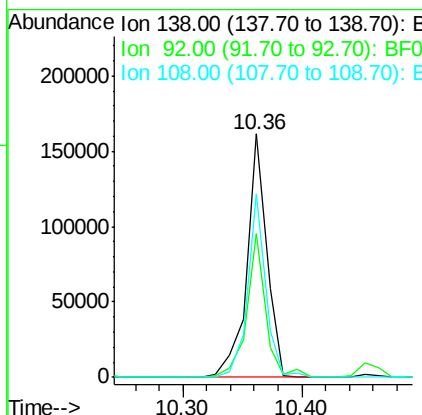
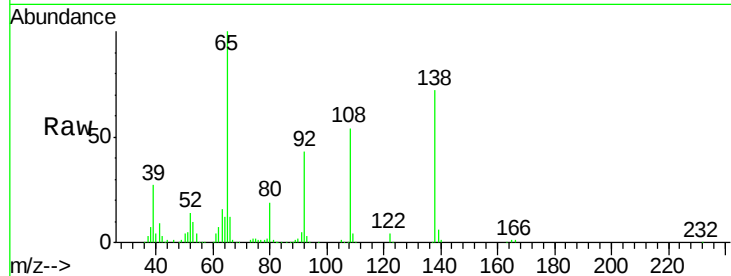
#61
4-Nitroaniline
Concen: 31.44 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	190875		
92	59.1	45.8	85.8	
108	75.4	89.4	129.4	

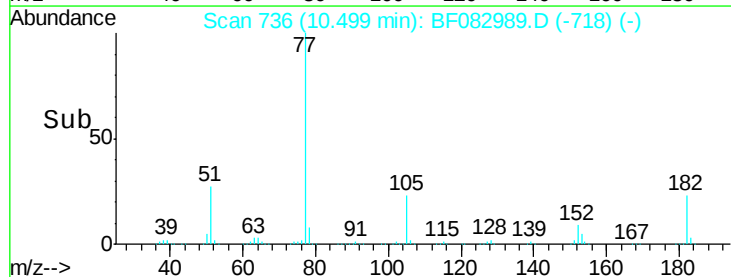
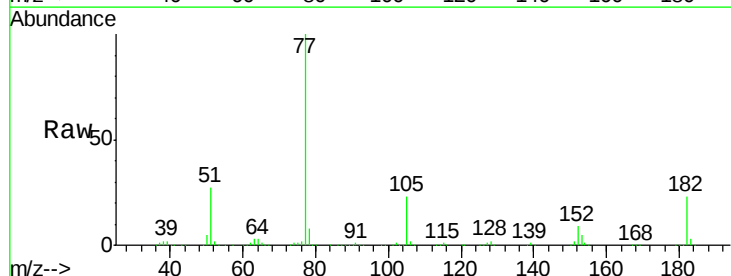
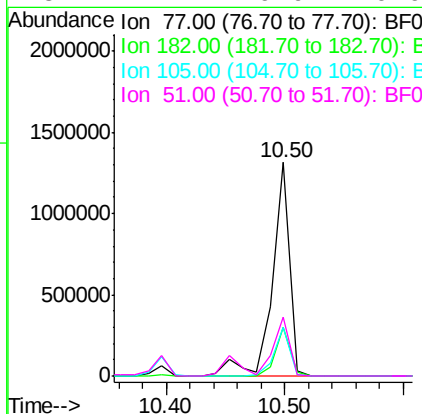
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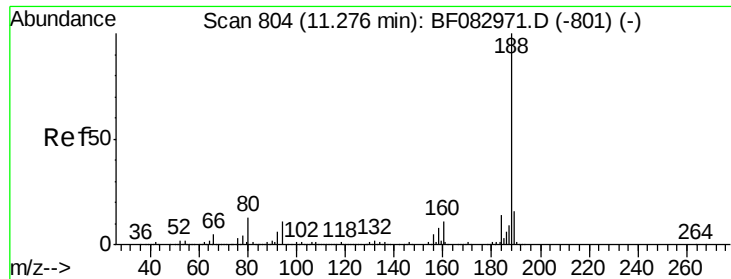
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#62
Azobenzene
Concen: 49.83 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1344656		
182	22.8	9.3	49.3	
105	22.8	2.6	42.6	
51	27.4	9.9	49.9	





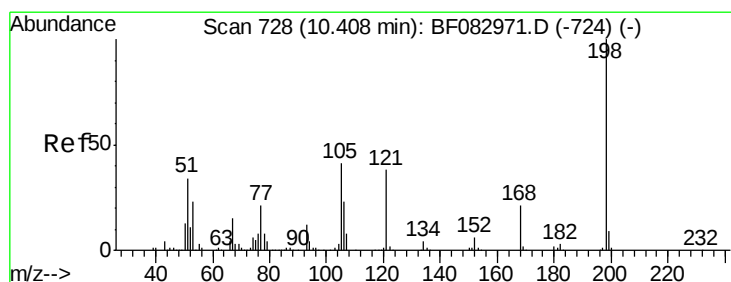
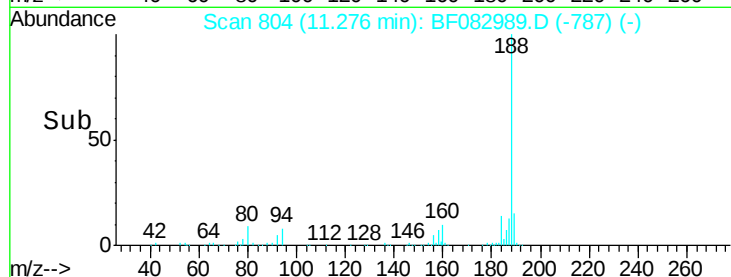
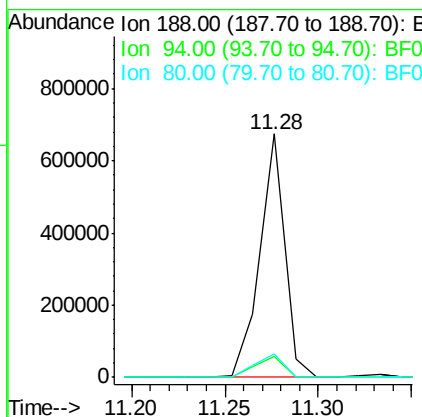
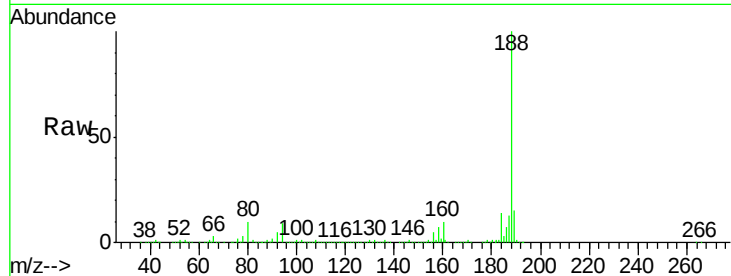
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	6.1	9.1
80	9.6	7.0	10.6

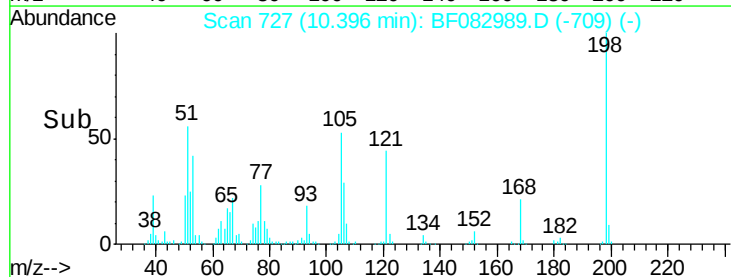
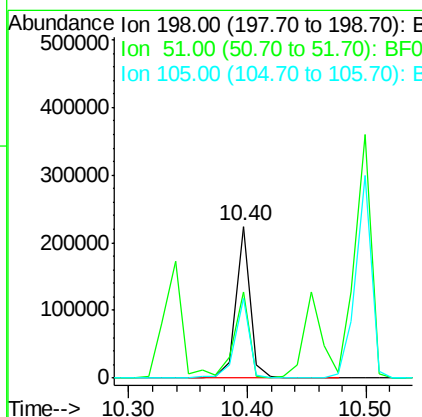
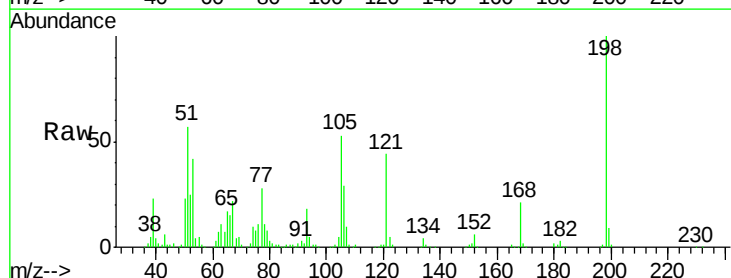
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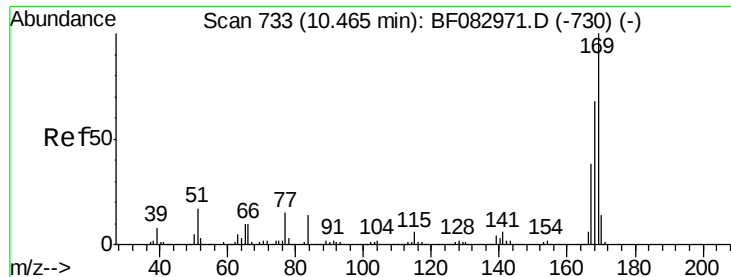
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.53 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	56.6	17.3	57.3
105	52.7	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 40.83 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS

Tgt Ion:169 Resp: 918999
Ion Ratio Lower Upper

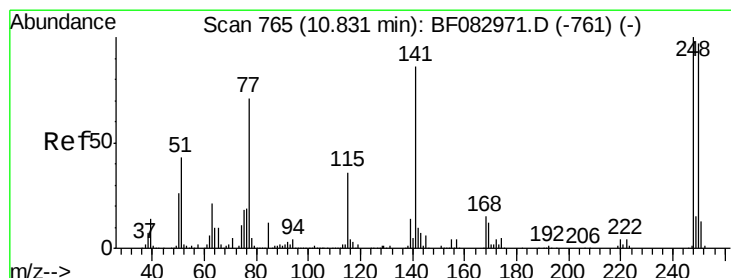
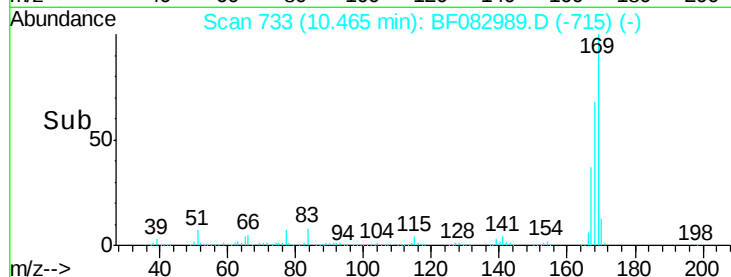
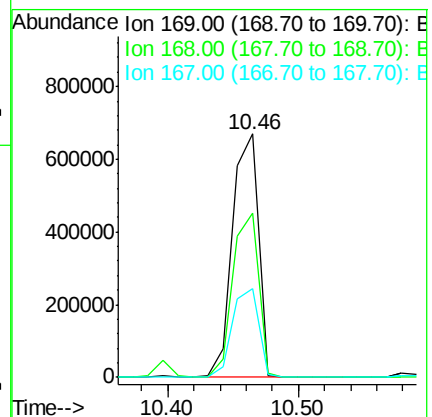
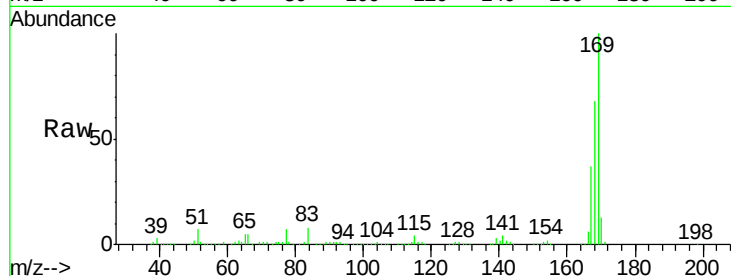
169 100

168 67.7 55.0 82.6

167 36.6 30.5 45.7

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#66

4-Bromophenyl-phenylether

Concen: 41.26 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.09 min

Lab File: BF082989.D

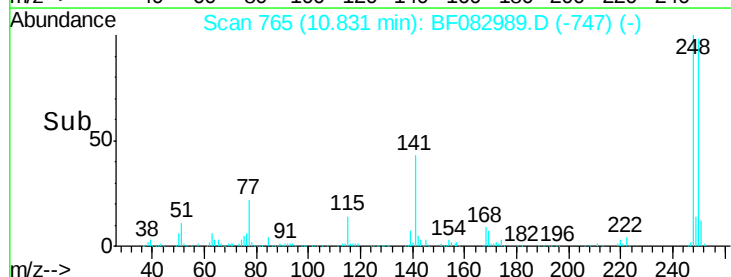
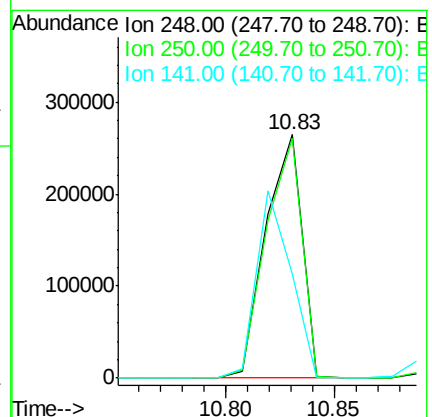
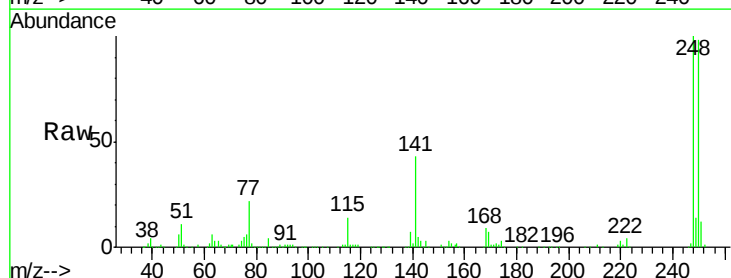
Acq: 18 Nov 2015 2:25

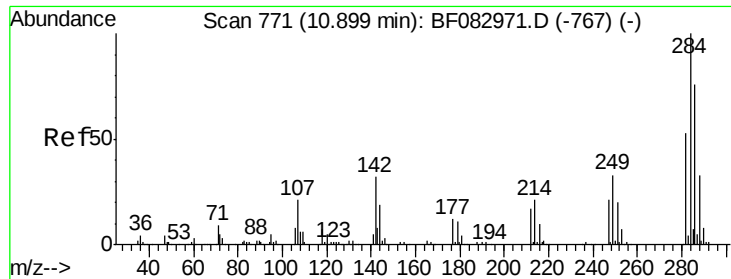
Tgt Ion:248 Resp: 309548
Ion Ratio Lower Upper

248 100

250 98.2 79.4 119.2

141 43.0 36.3 54.5





#67

Hexachlorobenzene

Concen: 39.90 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

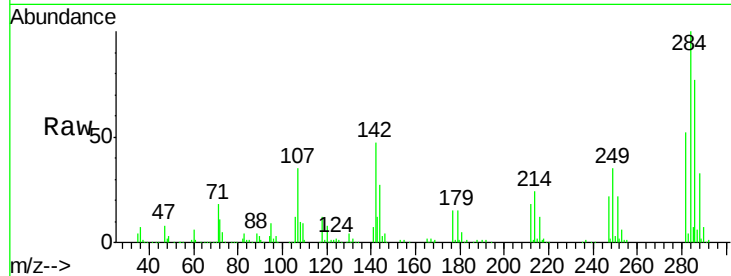
ClientSampleId :

MW-16MS

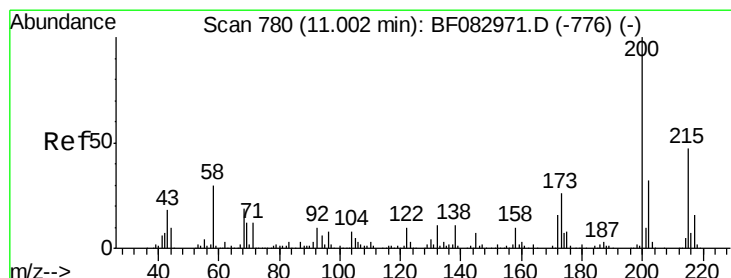
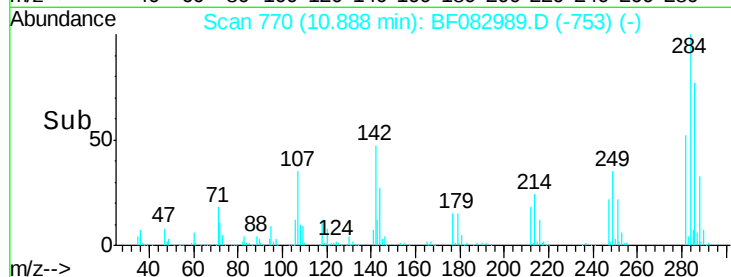
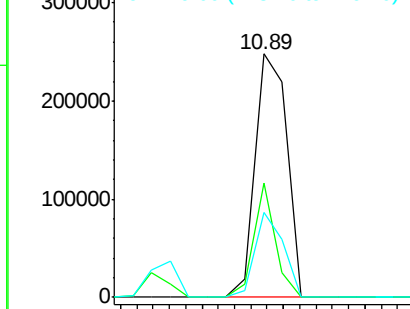
Tgt Ion:	284	Resp:	334230
Ion Ratio	Lower	Upper	
284	100		
142	46.9	47.9	71.9#
249	35.1	29.7	44.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.14 ng

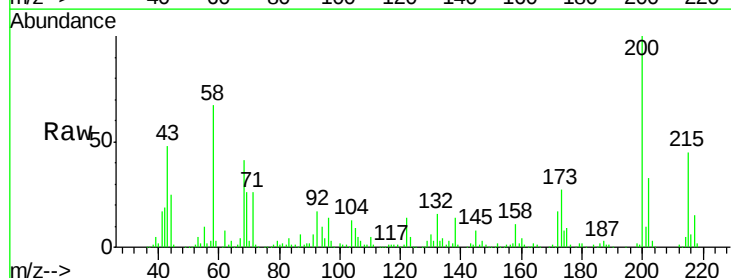
RT: 10.99 min Scan# 779

Delta R.T. -0.09 min

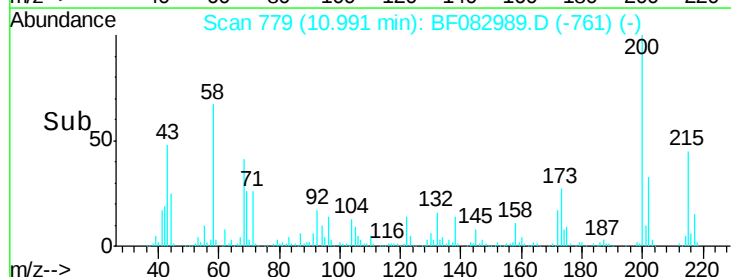
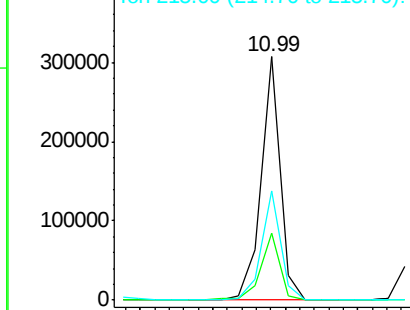
Lab File: BF082989.D

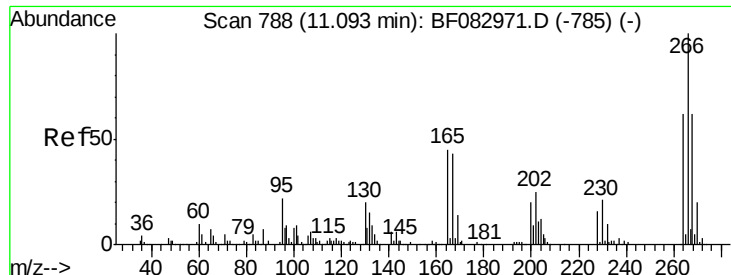
Acq: 18 Nov 2015 2:25

Tgt Ion:	200	Resp:	279378
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.9	46.9
215	44.8	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





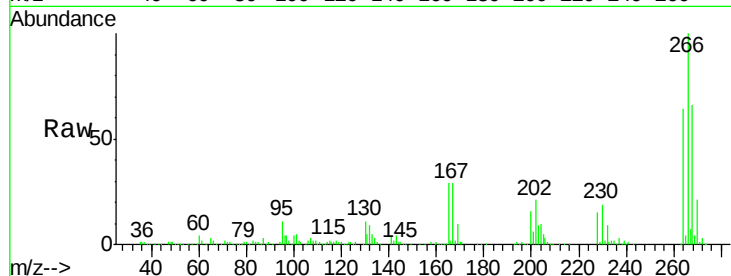
#69
 Pentachlorophenol
 Concen: 75.92 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS

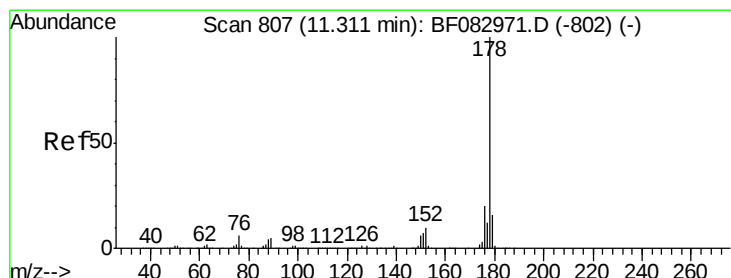
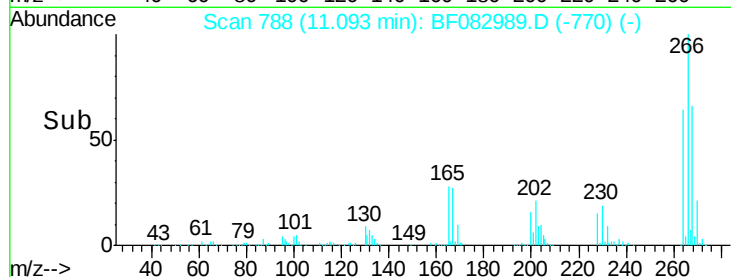
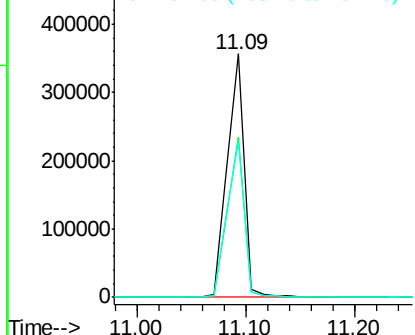
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	386217		
268	66.0	51.0	76.6	
264	64.4	50.6	75.8	

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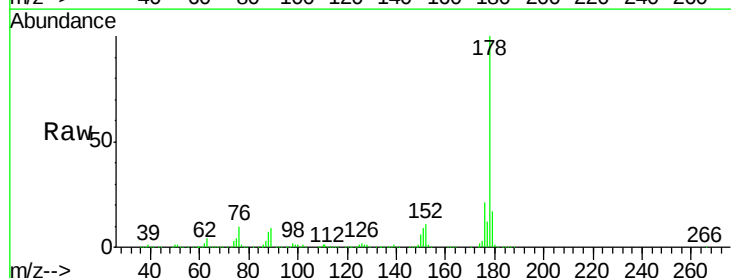


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

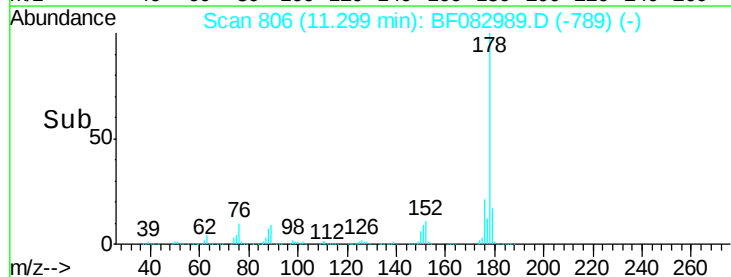
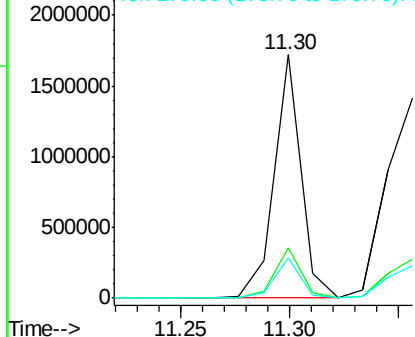


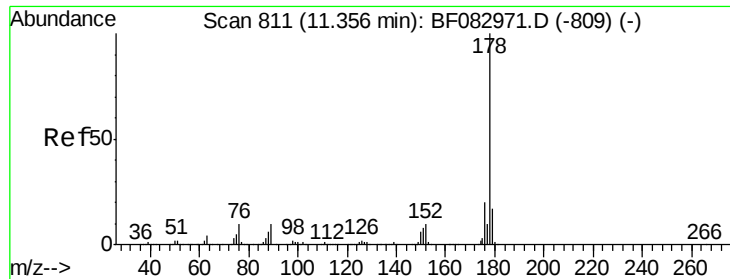
#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1496156		
176	20.5	17.0	25.4	
179	16.7	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





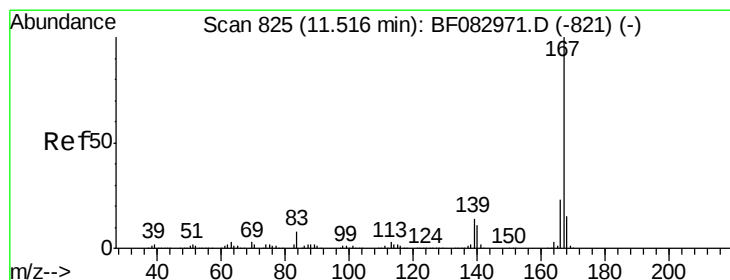
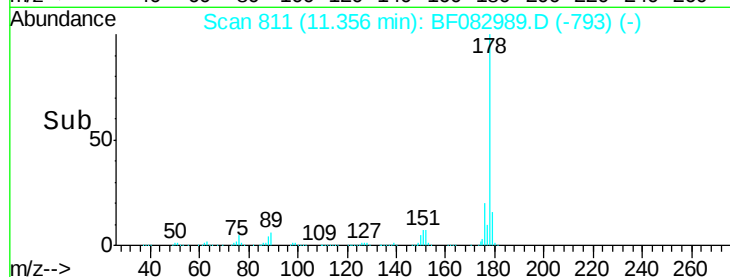
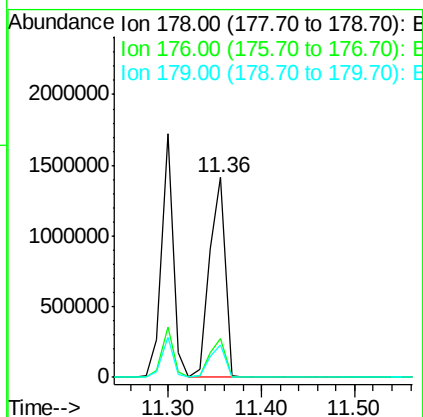
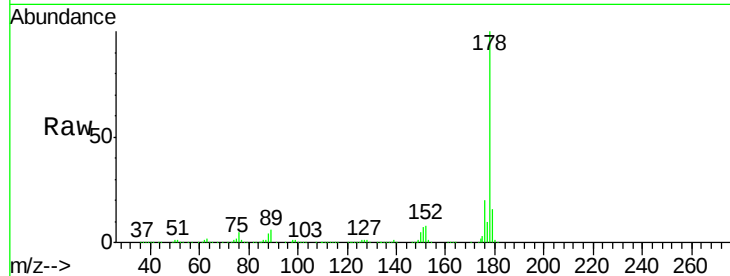
#71
 Anthracene
 Concen: 43.10 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.5	24.7
179	16.1	13.2	19.8

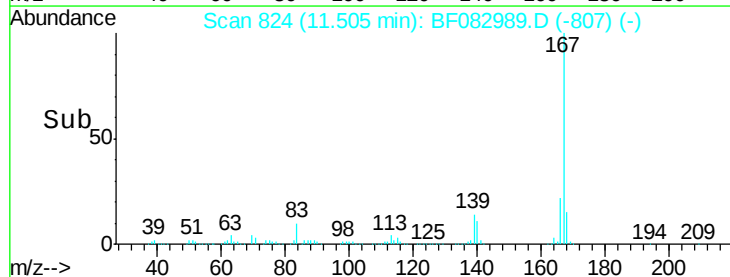
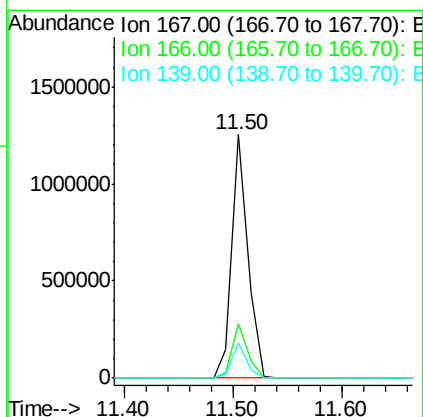
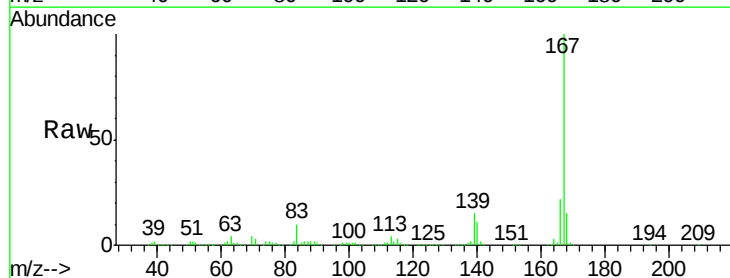
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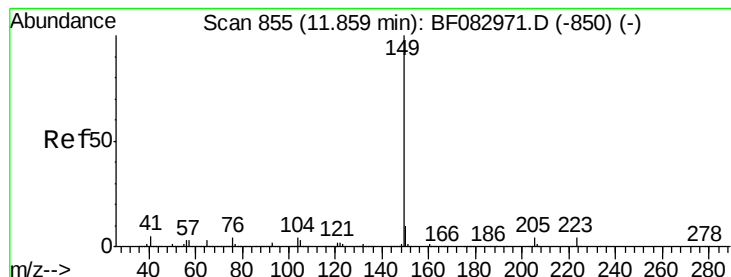
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#72
 Carbazole
 Concen: 38.09 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.7	28.1
139	14.6	11.8	17.6





#73

Di-n-butylphthalate

Concen: 39.12 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS

Tgt Ion:149 Resp: 1626152

Ion Ratio Lower Upper

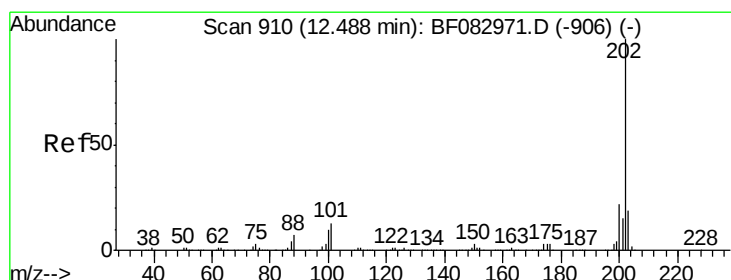
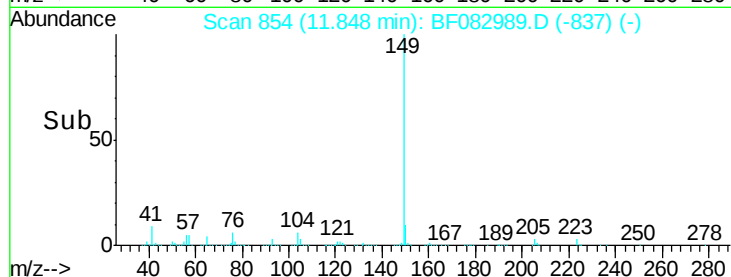
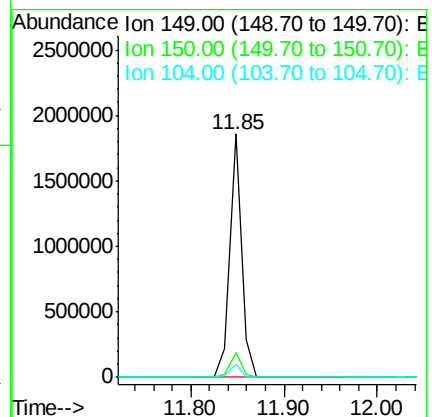
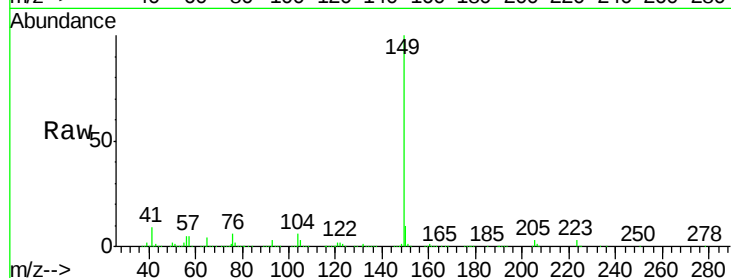
149 100

150 9.9 8.1 12.1

104 5.7 5.2 7.8

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#74

Fluoranthene

Concen: 43.33 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

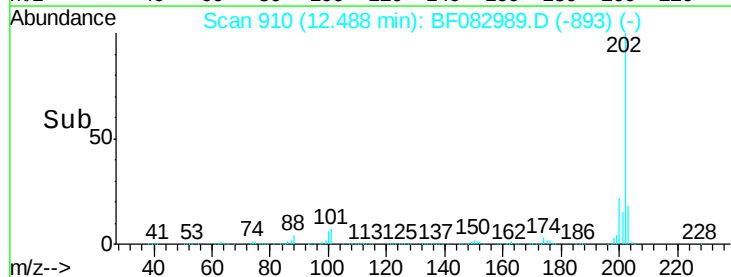
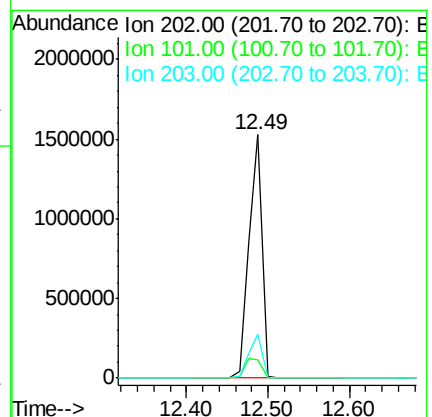
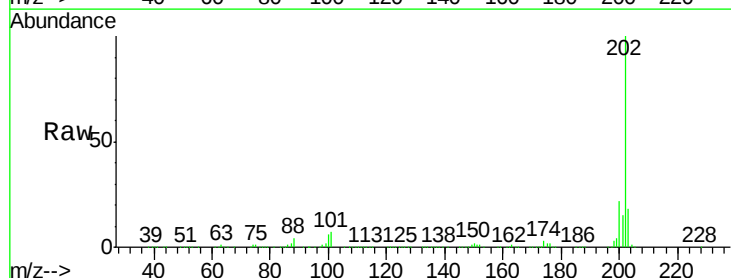
Tgt Ion:202 Resp: 1682483

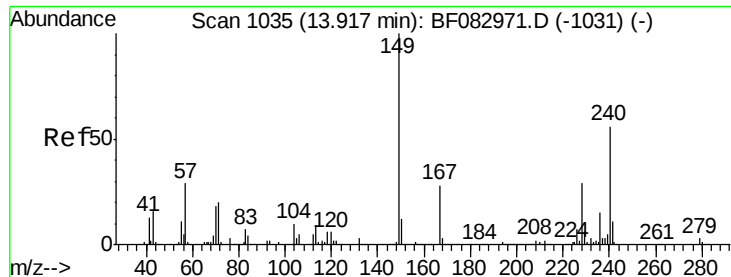
Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.5

203 17.9 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

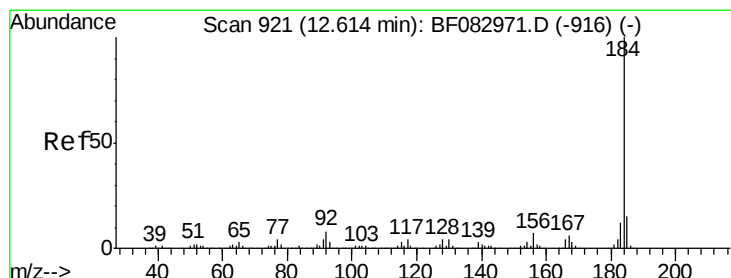
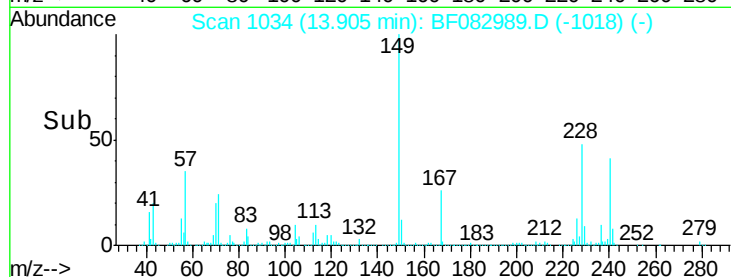
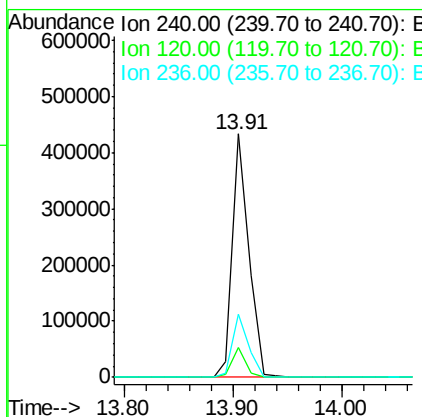
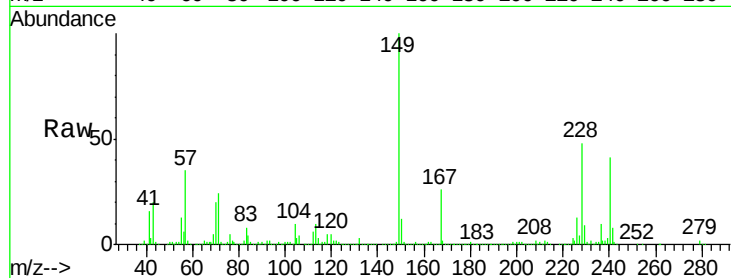
ClientSampleId :

MW-16MS

Tgt Ion:	240	Resp:	447469
Ion Ratio	Lower	Upper	
240	100		
120	12.3	10.9	16.3
236	25.8	21.6	32.4

Manual Integrations
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#76

Benzidine

Concen: 20.38 ng

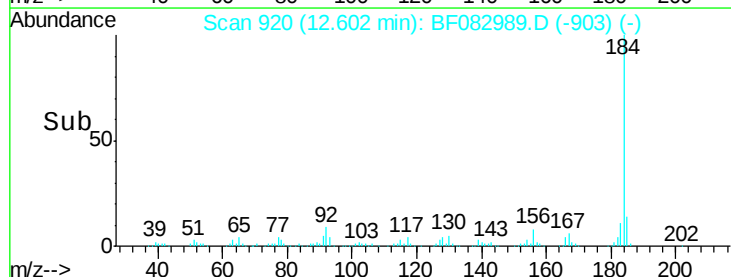
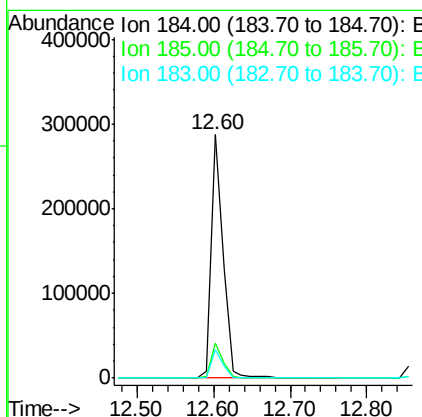
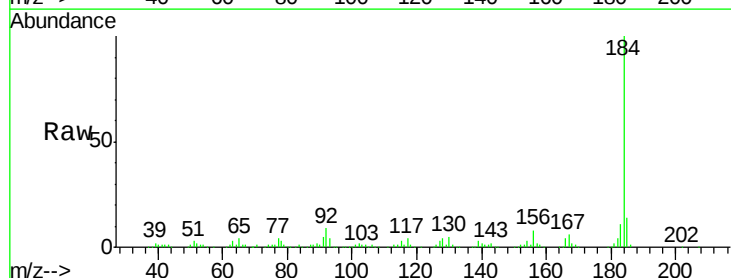
RT: 12.60 min Scan# 920

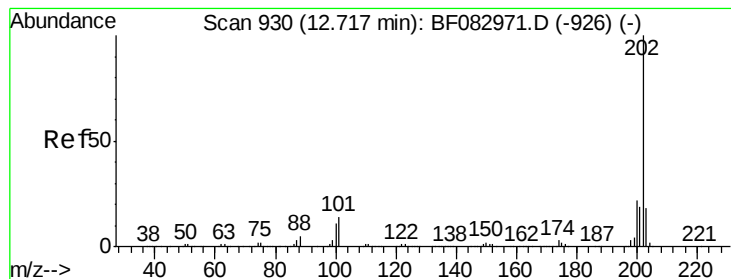
Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	184	Resp:	305577
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.5	9.6	14.4





#77

Pyrene

Concen: 53.11 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.11 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

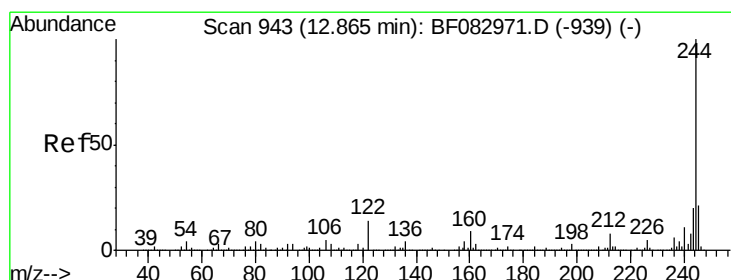
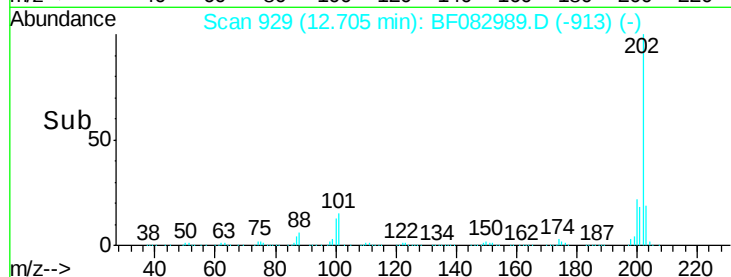
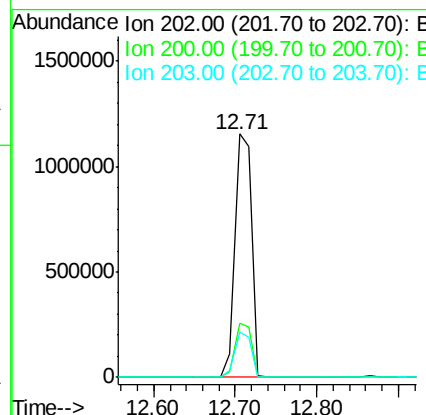
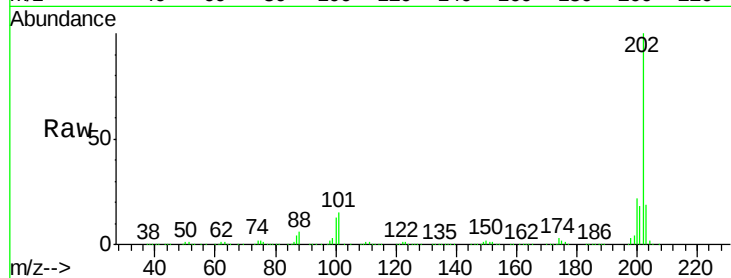
ClientSampleId :

MW-16MS

Tgt Ion:	202	Resp:	1632168
Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.8	14.8	22.2

Manual Integrations
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#78

Terphenyl-d14

Concen: 102.99 ng

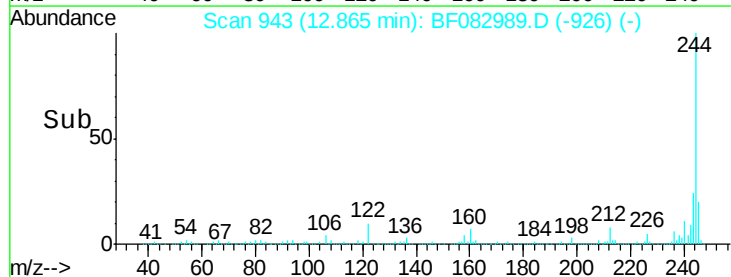
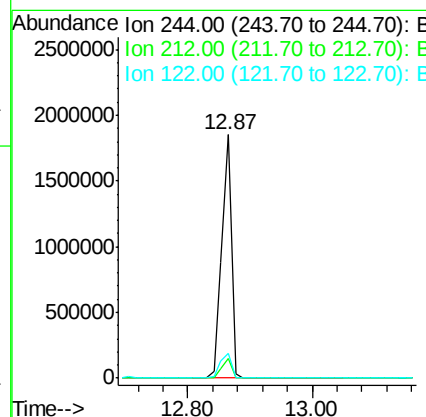
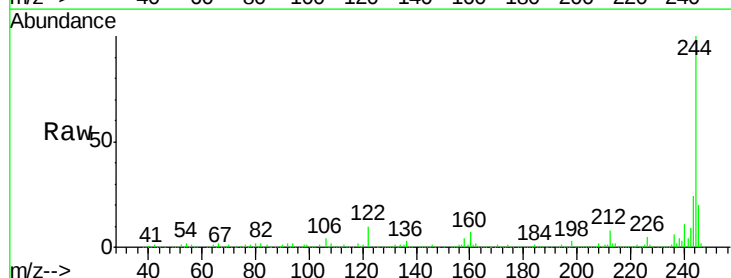
RT: 12.87 min Scan# 943

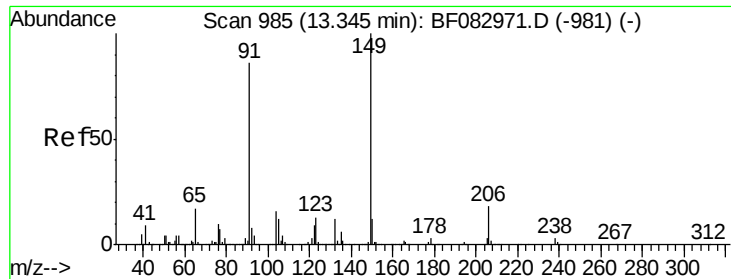
Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	244	Resp:	1943013
Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.6	11.4
122	9.9	11.3	16.9





#79

Butylbenzylphthalate

Concen: 58.03 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082989.D

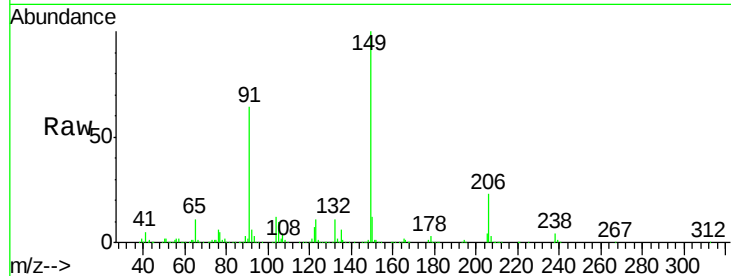
Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS



Tgt Ion:149 Resp: 787796

Ion Ratio Lower Upper

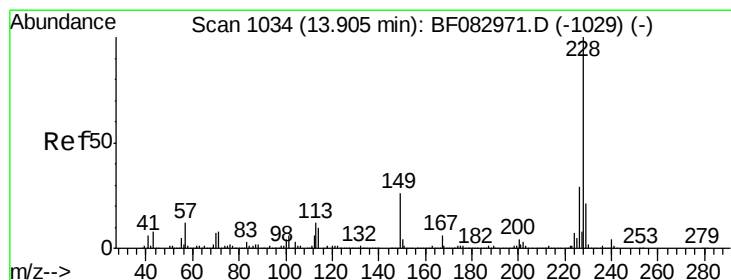
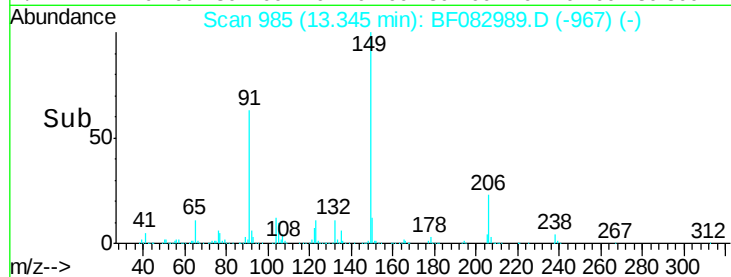
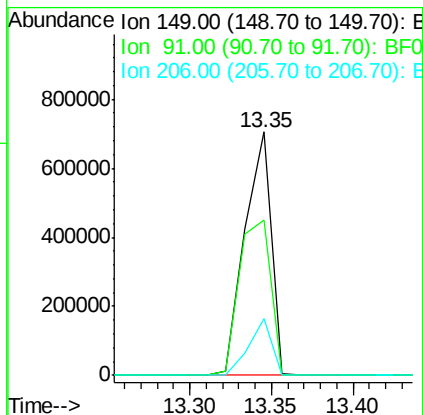
149 100

91 63.6 67.7 101.5#

206 23.1 14.6 22.0#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 47.45 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

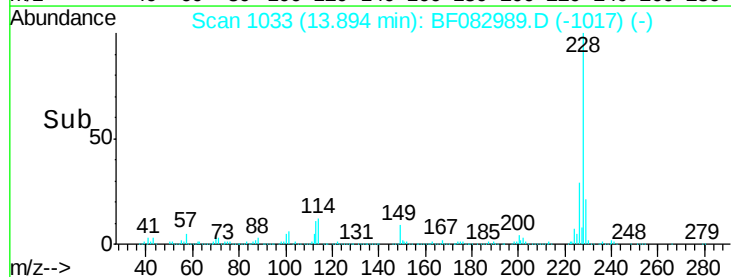
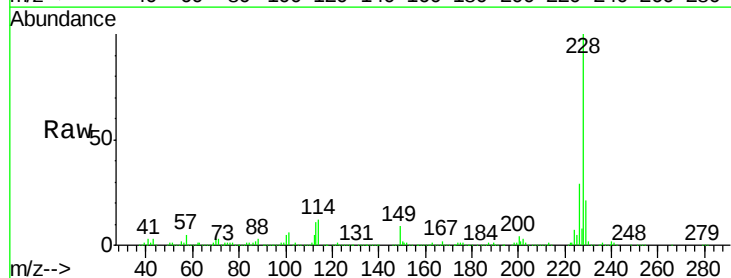
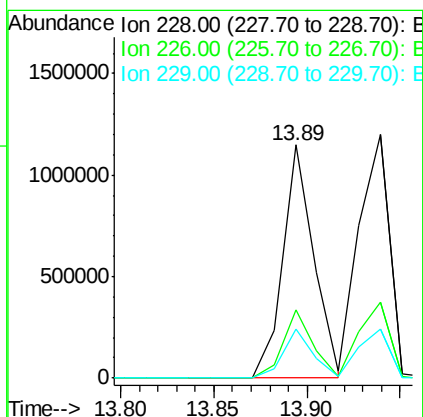
Tgt Ion:228 Resp: 1327642

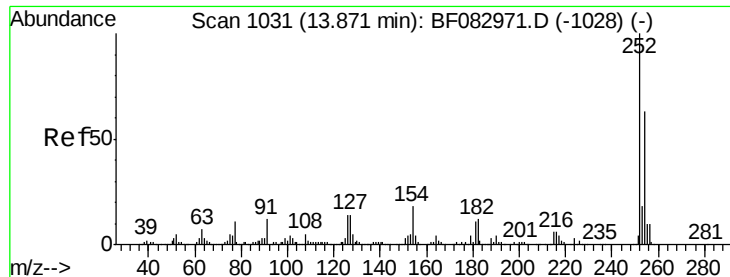
Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

229 21.0 16.3 24.5





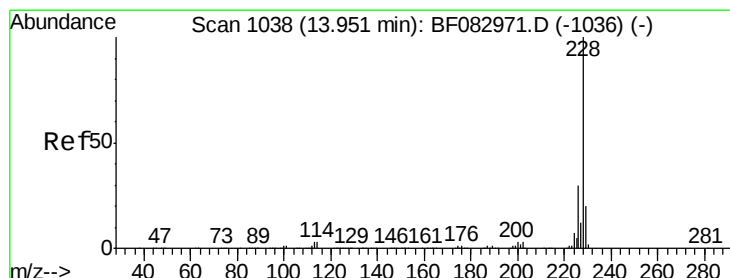
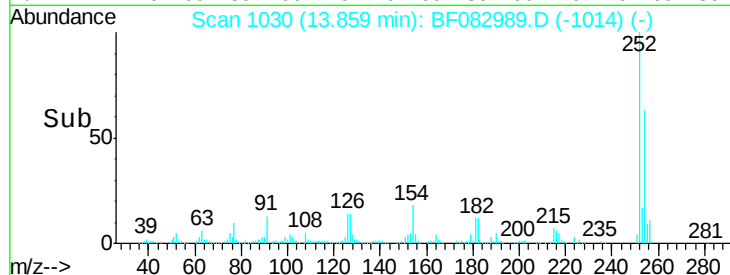
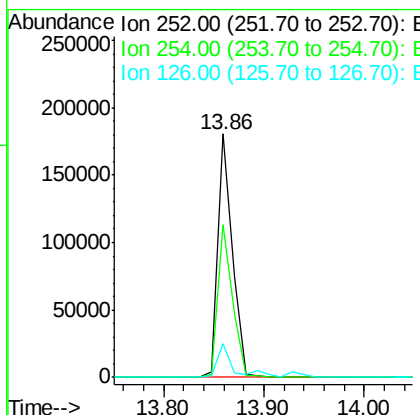
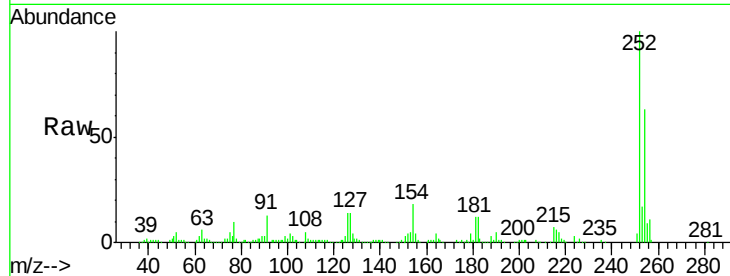
#81
 3,3'-Dichlorobenzidine
 Concen: 18.25 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.9	51.4	77.0
126	13.7	10.7	16.1

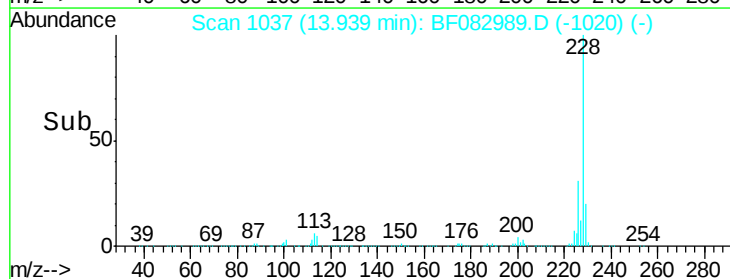
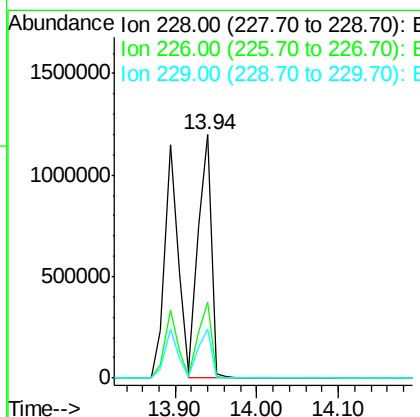
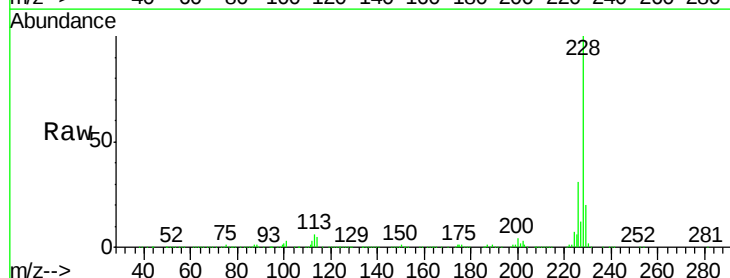
Manual Integrations
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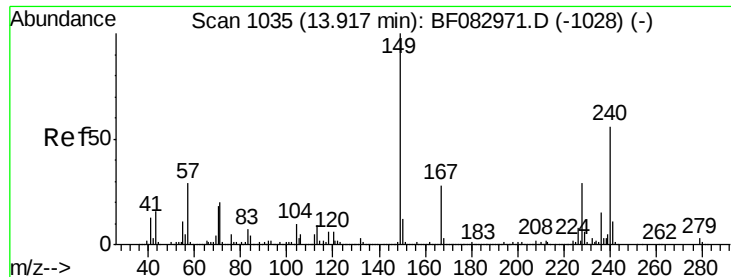
mohammad
 11/19/2015 8:25:33 AM



#82
 Chrysene
 Concen: 53.30 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	25.5	38.3
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.93 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

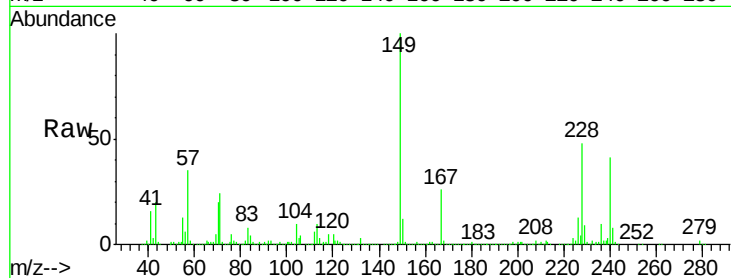
ClientSampleId :

MW-16MS

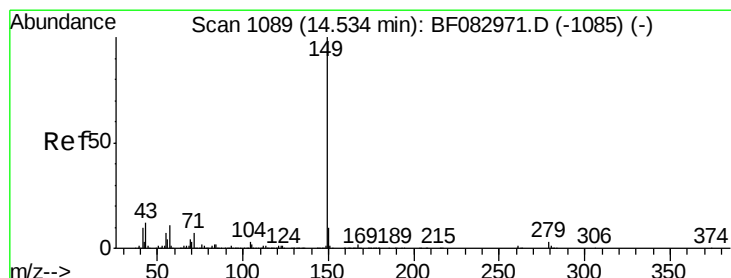
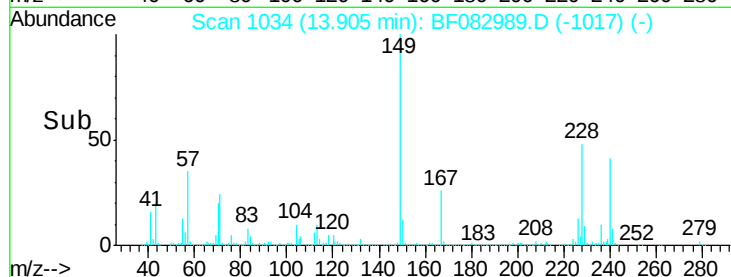
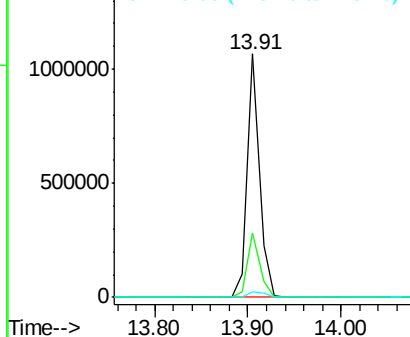
Tgt Ion:	149	Resp:	965018
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.2	31.8
279	2.5	2.2	3.2

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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: 52.28 ng

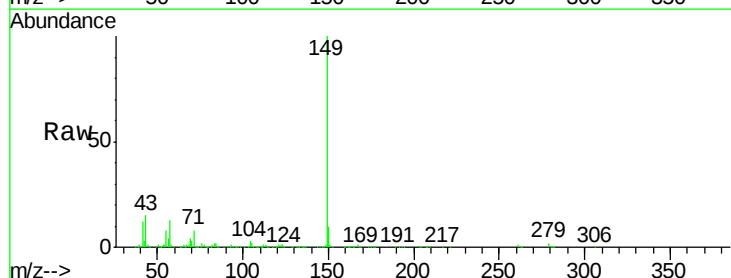
RT: 14.51 min Scan# 1087

Delta R.T. -0.13 min

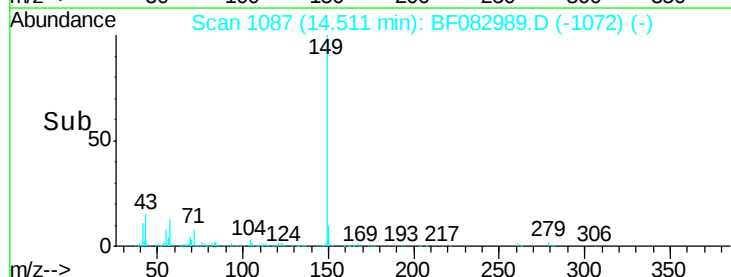
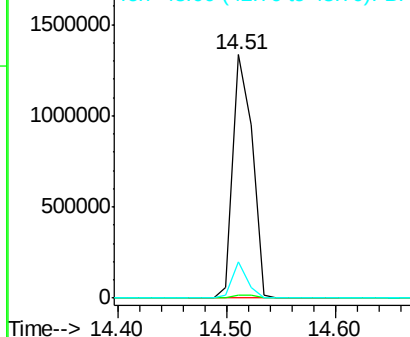
Lab File: BF082989.D

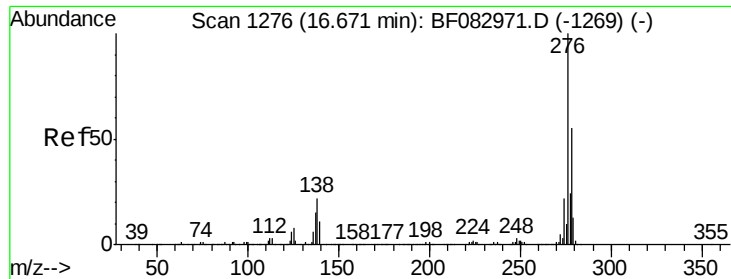
Acq: 18 Nov 2015 2:25

Tgt Ion:	149	Resp:	1620407
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.4	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





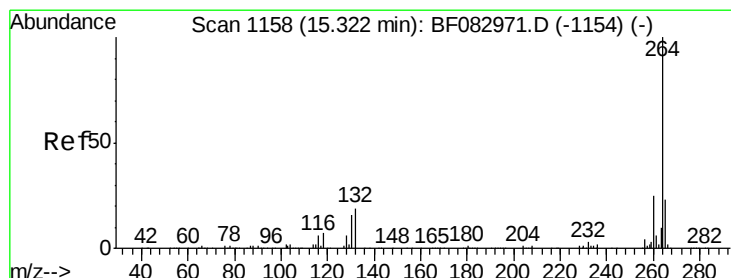
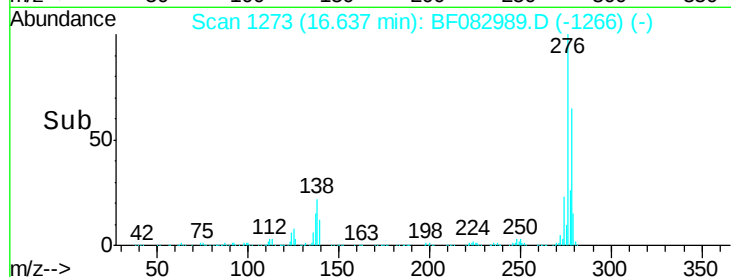
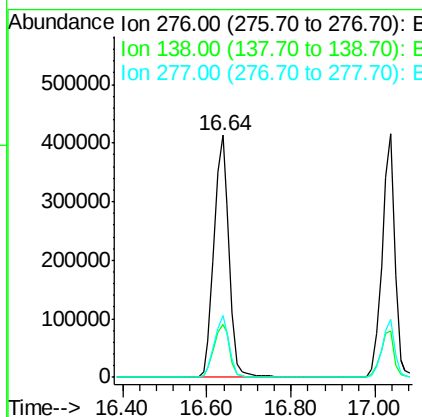
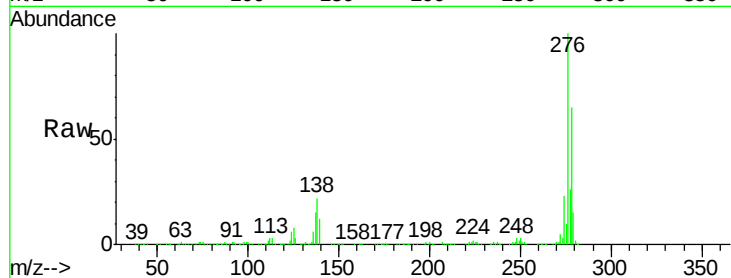
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.94 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.22 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion: 276 Resp: 1036143
Ion Ratio Lower Upper
276 100
138 23.1 15.3 22.9#
277 25.3 20.2 30.4

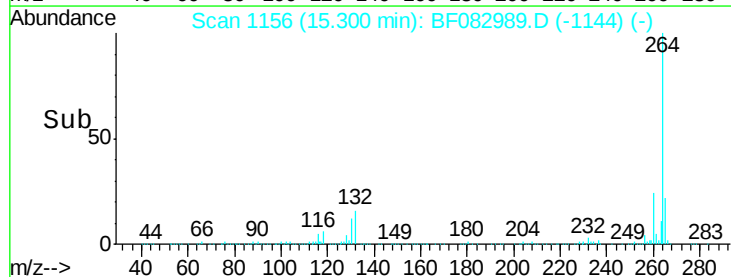
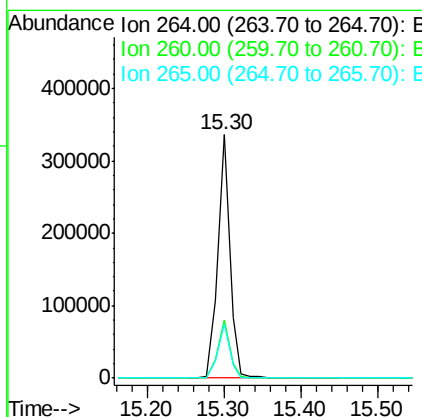
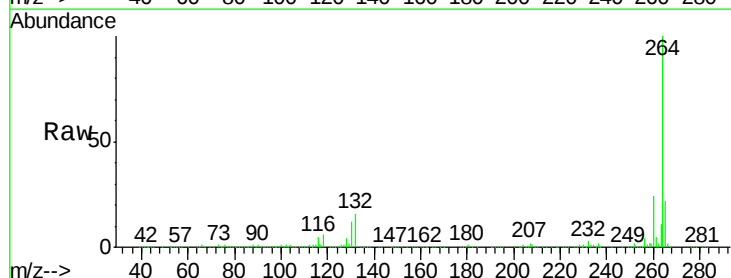
Manual Integrations
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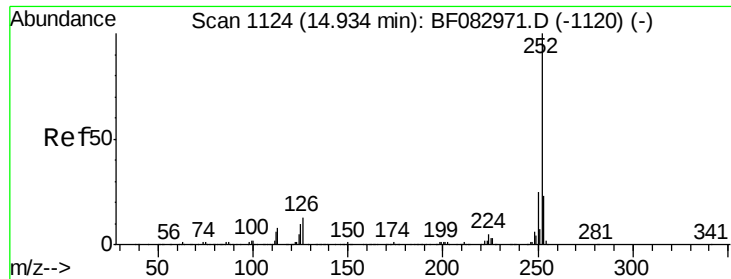
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion: 264 Resp: 373773
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 22.3 17.4 26.0





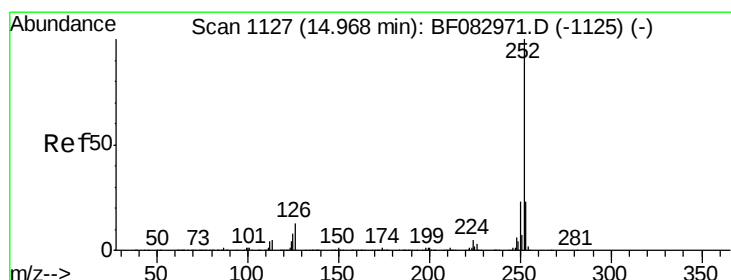
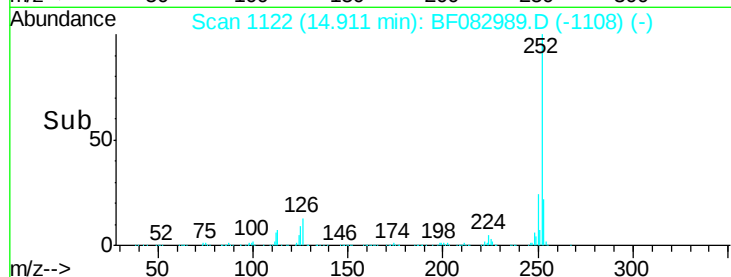
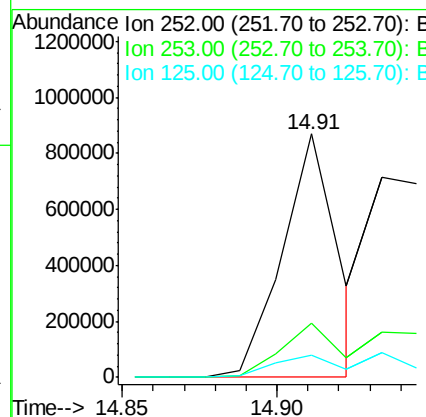
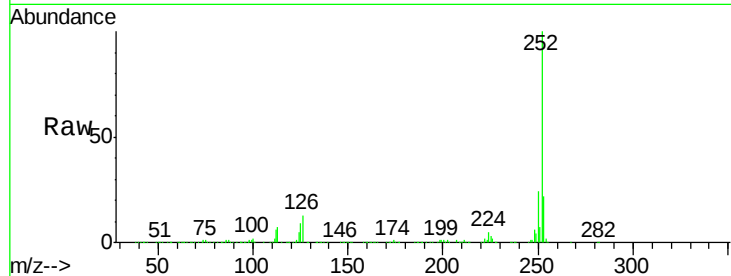
#87
Benzo(b)fluoranthene
Concen: 44.87 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.14 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.3	5.4	8.2#

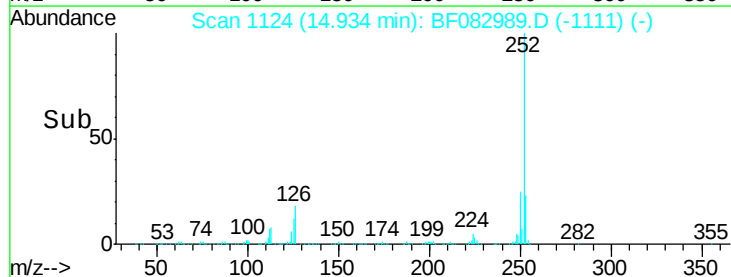
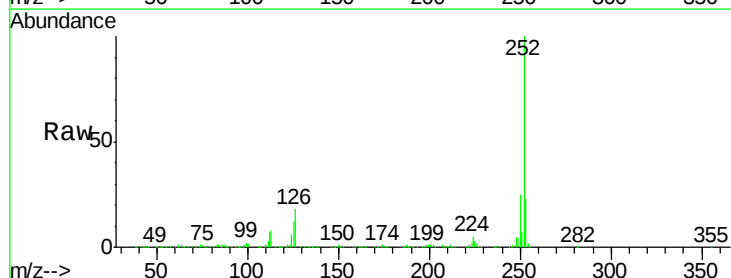
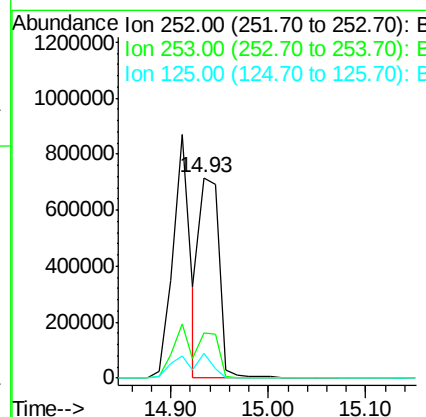
Manual Integrations
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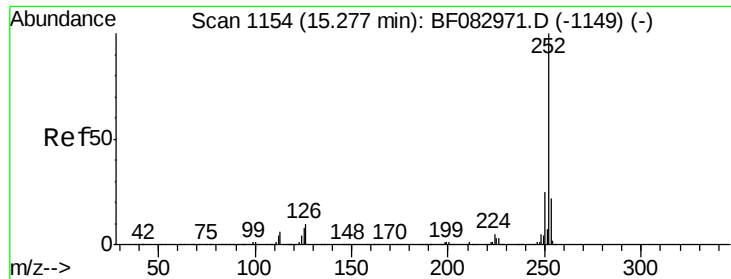
mohammad
11/19/2015 8:25:33 AM



#88
Benzo(k)fluoranthene
Concen: 47.49 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.15 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.3	3.5	5.3#





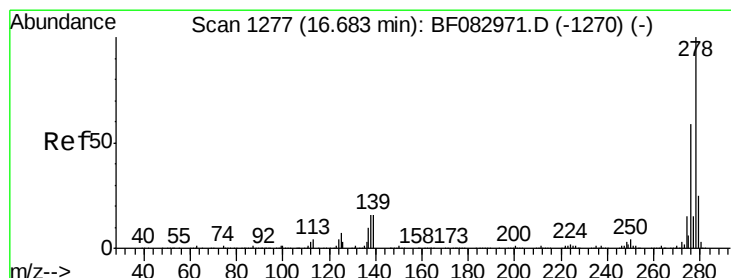
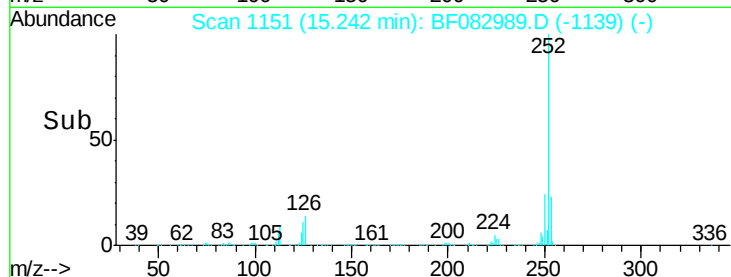
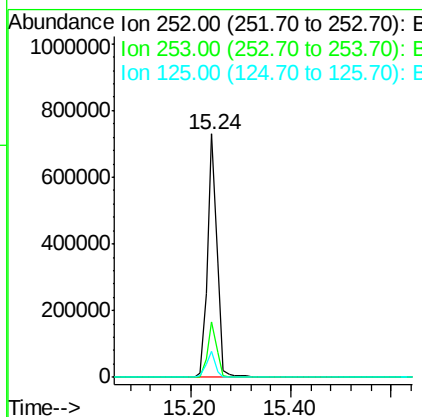
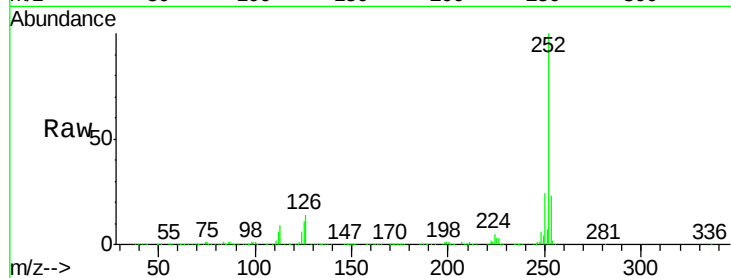
#89
Benzo(a)pyrene
Concen: 45.83 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.16 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-16MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	10.9	7.1	10.7

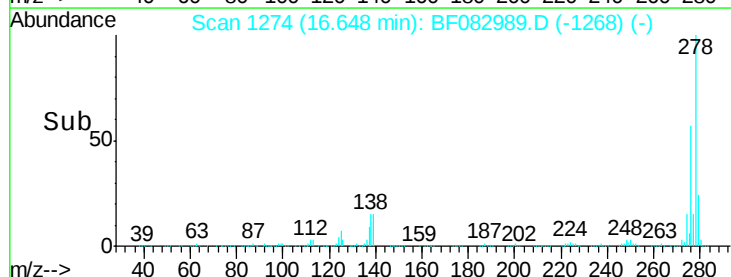
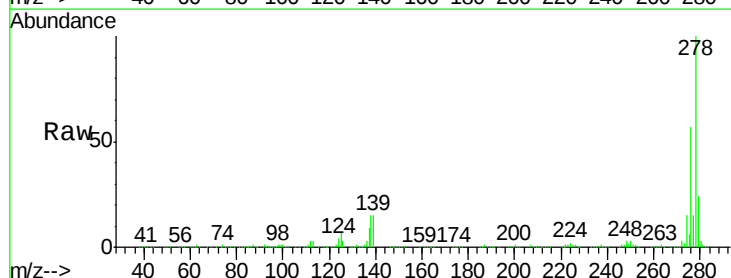
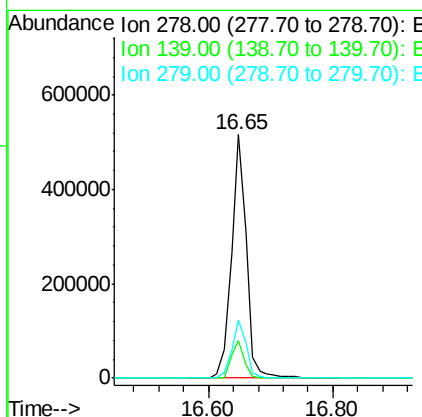
Manual Integrations
APPROVED

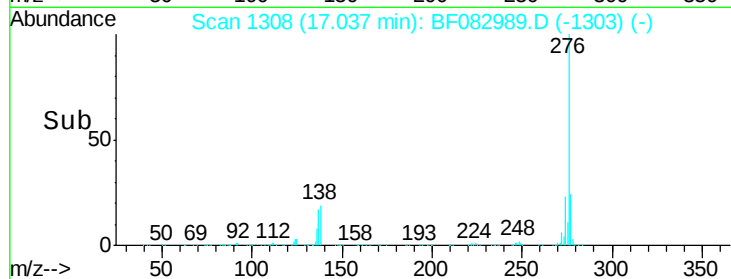
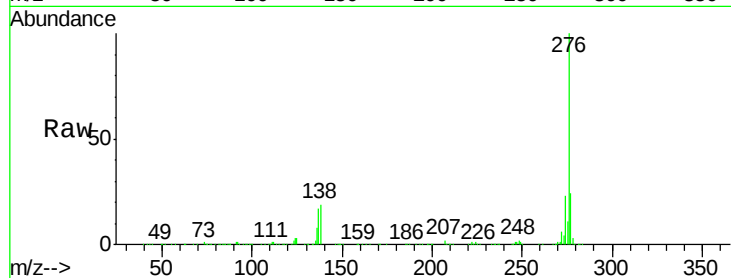
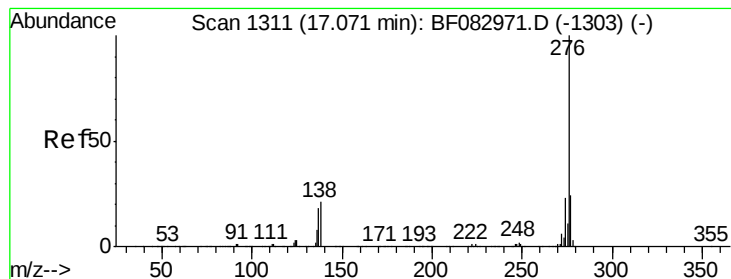
mohammad
11/19/2015 8:25:33 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.03 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.23 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.9	14.9
279	23.7	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 51.85 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-16MS

Tgt	Ion	276	Resp:	874107
Ion	Ratio	100	Lower	Upper
276	100			
277	23.9	19.2	28.8	
138	19.1	13.1	19.7	

Manual Integrations
APPROVED

mohammad
11/19/2015 8:25:33 AM

