

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082990.D
 Acq On : 18 Nov 2015 2:54
 Operator : UM/IZ
 Sample : G4407-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Manual Integrations
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mohammad
 11/19/2015 8:25:43 AM

Quant Time: Nov 18 06:59:58 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	156979	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	609081	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	293614	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	570359	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	432635	20.00	ng	-0.11
86) Perylene-d12	15.30	264	373755	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	629666	62.41	ng	-0.09
7) Phenol-d6	6.41	99	536369	39.99	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1108742	79.21	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	437776	130.04	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1969150	96.12	ng	-0.09
78) Terphenyl-d14	12.87	244	1950069	106.91	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	79626	18.29	ng	94
3) Pyridine	3.00	79	187981	14.88	ng	93
4) n-Nitrosodimethylamine	2.91	42	100612	16.06	ng	# 74
6) Aniline	6.41	93	223247	11.85	ng	# 61
8) 2-Chlorophenol	6.54	128	400757	35.83	ng	97
9) Benzaldehyde	6.29	77	38969	5.26	ng	86
10) Phenol	6.42	94	192518	12.65	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	451504	39.67	ng	94
12) 1,3-Dichlorobenzene	6.69	146	471637m	37.39	ng	
13) 1,4-Dichlorobenzene	6.77	146	487720	37.16	ng	93
14) 1,2-Dichlorobenzene	6.92	146	406315	34.04	ng	94
15) Benzyl Alcohol	6.90	79	266979	22.67	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	795289	47.64	ng	94
17) 2-Methylphenol	7.02	107	262921	27.75	ng	98
18) Hexachloroethane	7.26	117	161888	34.49	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	378412	38.38	ng	90
20) 3+4-Methylphenols	7.18	107	312697	25.39	ng	# 59
22) Acetophenone	7.16	105	683893	39.19	ng	# 97
24) Nitrobenzene	7.34	77	626342	43.75	ng	96
25) Isophorone	7.58	82	1065051	41.12	ng	97
26) 2-Nitrophenol	7.65	139	225030	37.66	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	378992	35.30	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	661930	45.31	ng	98
29) 2,4-Dichlorophenol	7.90	162	359080	37.01	ng	89
30) 1,2,4-Trichlorobenzene	7.98	180	398514	36.52	ng	96
31) Naphthalene	8.06	128	1314847	39.13	ng	99
32) Benzoic acid	7.79	122	67317	9.16	ng	91
33) 4-Chloroaniline	8.11	127	153194	10.58	ng	92
34) Hexachlorobutadiene	8.19	225	249476	36.53	ng	98
35) Caprolactam	8.48	113	17744	5.80	ng	92
36) 4-Chloro-3-methylphenol	8.60	107	369264	32.36	ng	93
37) 2-Methylnaphthalene	8.75	142	810940	37.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	378114	39.19	ng	97
40) Hexachlorocyclopentadiene	8.91	237	379211	73.15	ng	99

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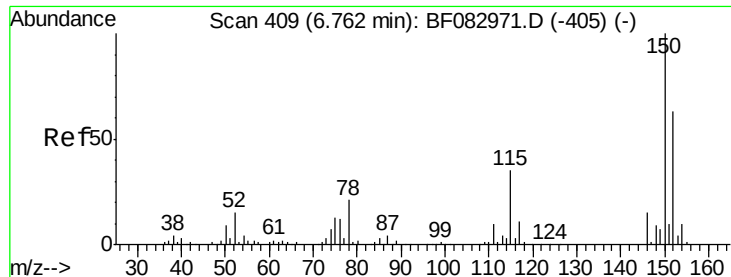
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	270864	37.61	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	291616	40.94	ng	92
45) 1,1'-Biphenyl	9.22	154	993744	39.44	ng	95
46) 2-Chloronaphthalene	9.24	162	831134	42.29	ng	97
47) 2-Nitroaniline	9.33	65	289413	39.70	ng	93
48) Acenaphthylene	9.65	152	1220135	39.62	ng	98
49) Dimethylphthalate	9.53	163	954360	39.67	ng	100
50) 2,6-Dinitrotoluene	9.58	165	230111	44.83	ng	91
51) Acenaphthene	9.82	154	896249	45.91	ng	99
52) 3-Nitroaniline	9.74	138	87210	15.45	ng	# 86
53) 2,4-Dinitrophenol	9.86	184	242563	86.07	ng	# 20
54) Dibenzofuran	10.00	168	1150782	43.73	ng	94
55) 4-Nitrophenol	9.93	139	130725	30.19	ng	# 87
56) 2,4-Dinitrotoluene	9.98	165	276506	39.70	ng	99
57) Fluorene	10.34	166	843234	39.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242238	41.67	ng	# 92
59) Diethylphthalate	10.22	149	948127	40.37	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	457576	42.91	ng	96
61) 4-Nitroaniline	10.36	138	161723	28.49	ng	# 79
62) Azobenzene	10.50	77	1220791	48.39	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	170636	41.99	ng	83
65) n-Nitrosodiphenylamine	10.46	169	828950	40.23	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	285604	41.59	ng	98
67) Hexachlorobenzene	10.89	284	297202	38.76	ng	# 87
68) Atrazine	10.99	200	265074	41.60	ng	95
69) Pentachlorophenol	11.09	266	341314	73.30	ng	98
70) Phenanthrene	11.30	178	1356086	40.94	ng	99
71) Anthracene	11.36	178	1458868	41.81	ng	98
72) Carbazole	11.51	167	1167886	38.24	ng	99
73) Di-n-butylphthalate	11.85	149	1519317	39.93	ng	99
74) Fluoranthene	12.49	202	1548510	43.57	ng	96
76) Benzidine	12.60	184	279039	19.24	ng	98
77) Pyrene	12.71	202	1469569	49.46	ng	99
79) Butylbenzylphthalate	13.35	149	721208	54.95	ng	# 73
80) Benzo(a)anthracene	13.89	228	1273498	47.07	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	147984	15.39	ng	99
82) Chrysene	13.94	228	1240583	50.07	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	901448	50.18	ng	100
84) Di-n-octyl phthalate	14.51	149	1505891	50.25	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	973782	45.63	ng	# 95
87) Benzo(b)fluoranthene	14.91	252	1039871m	43.34	ng	
88) Benzo(k)fluoranthene	14.93	252	931590m	43.77	ng	
89) Benzo(a)pyrene	15.24	252	886982	42.67	ng	# 96
90) Dibenzo(a,h)anthracene	16.65	278	823688	46.80	ng	97
91) Benzo(g,h,i)perylene	17.04	276	830347	49.25	ng	98

(#) = 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: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

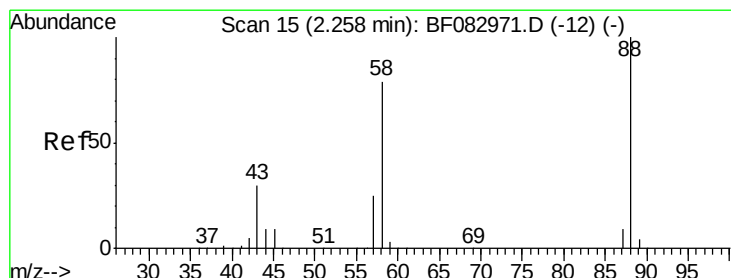
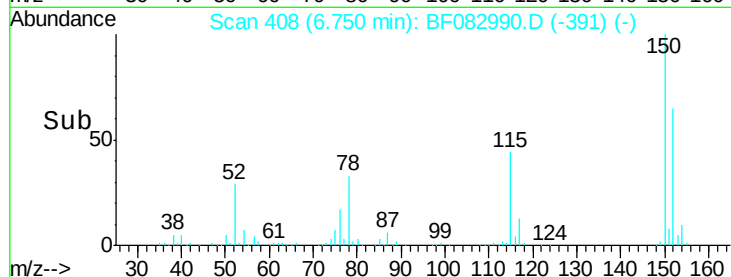
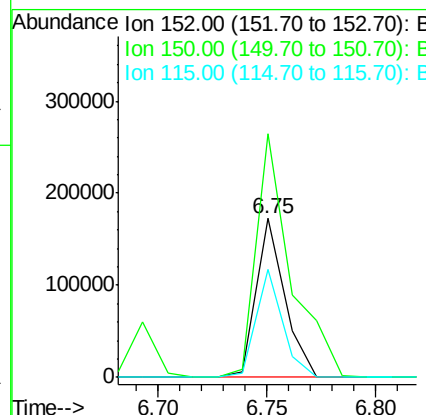
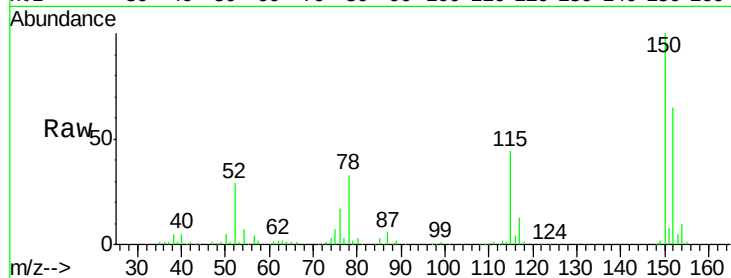
ClientSampleId :

MW-16MSD

Tgt Ion:	152	Resp:	156979
Ion Ratio	Lower	Upper	
152	100		
150	153.3	127.0	190.4
115	67.6	47.0	70.6

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#2

1,4-Dioxane

Concen: 18.29 ng

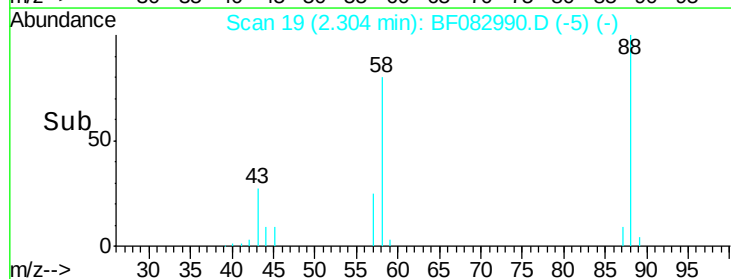
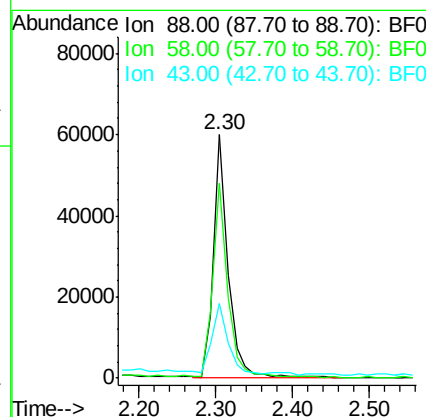
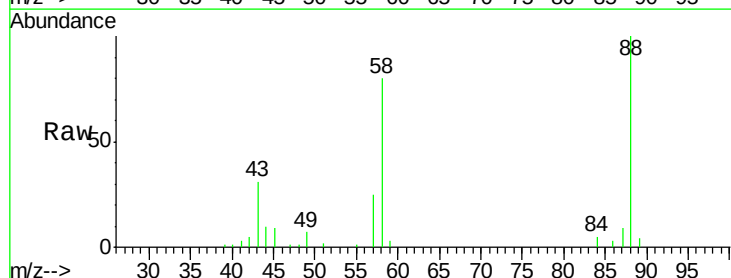
RT: 2.30 min Scan# 19

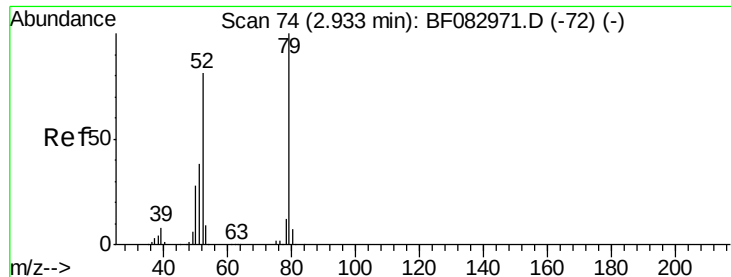
Delta R.T. -0.14 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	88	Resp:	79626
Ion Ratio	Lower	Upper	
88	100		
58	83.2	62.0	93.0
43	30.7	26.6	40.0





#3

Pyridine

Concen: 14.88 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.15 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

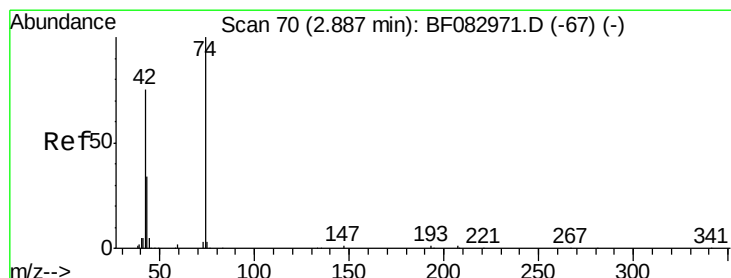
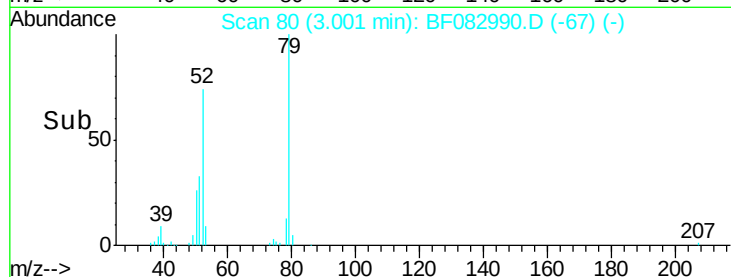
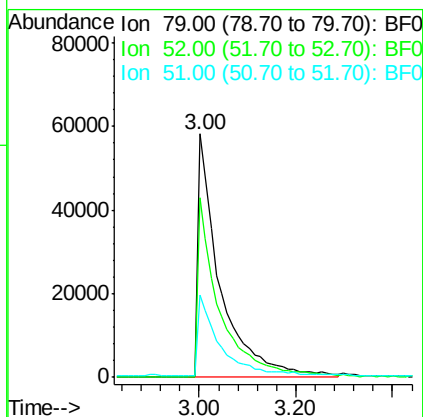
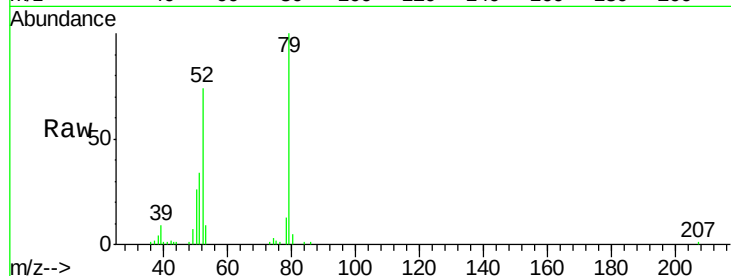
ClientSampleId :

MW-16MSD

Tgt Ion:	79	Resp:	187981
Ion Ratio	Lower	Upper	
79	100		
52	73.5	62.8	94.2
51	33.9	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 16.06 ng

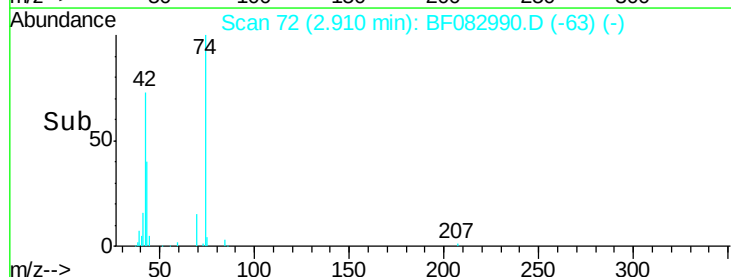
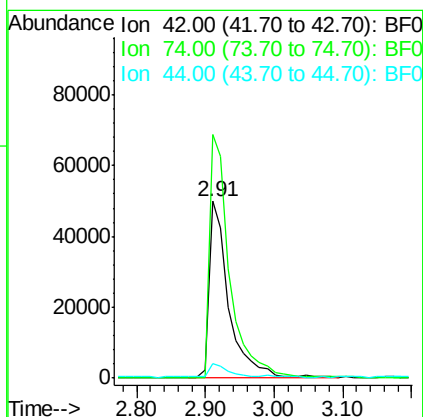
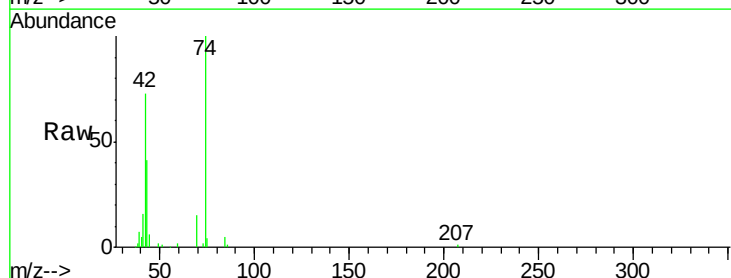
RT: 2.91 min Scan# 72

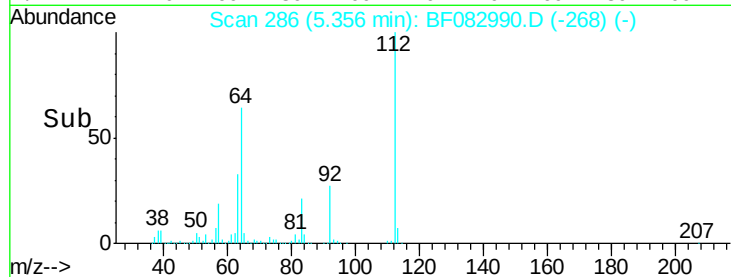
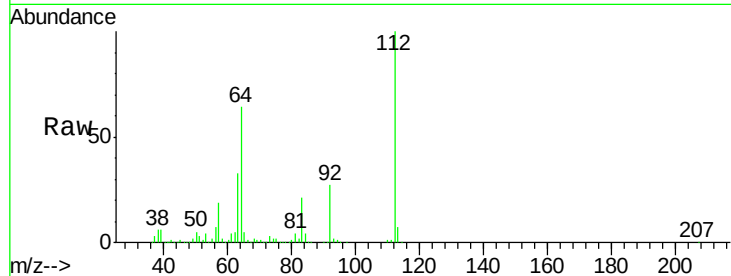
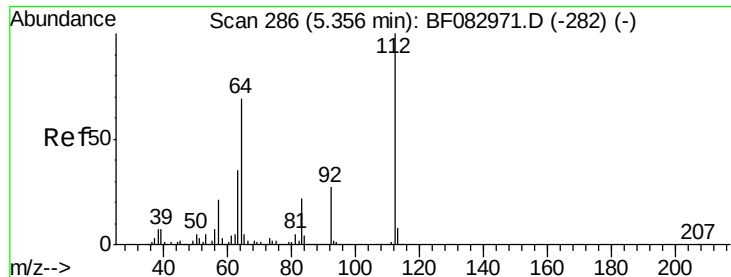
Delta R.T. -0.19 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	42	Resp:	100612
Ion Ratio	Lower	Upper	
42	100		
74	137.8	87.0	130.4#
44	8.2	5.8	8.8





#5

2-Fluorophenol

Concen: 62.41 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	629666		
64	63.8	48.9	73.3	
63	33.0	28.1	42.1	

Instrument :

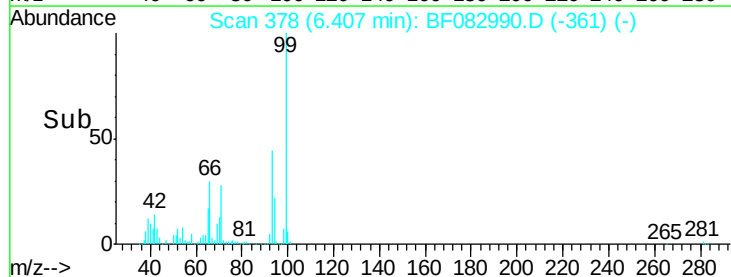
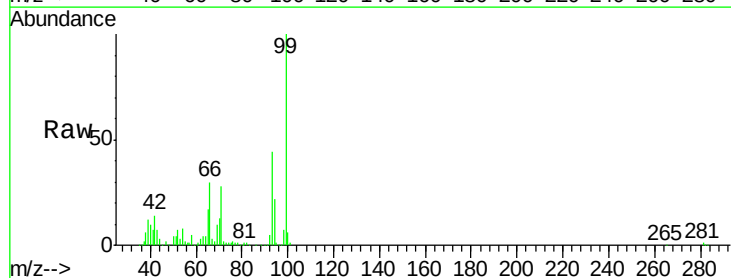
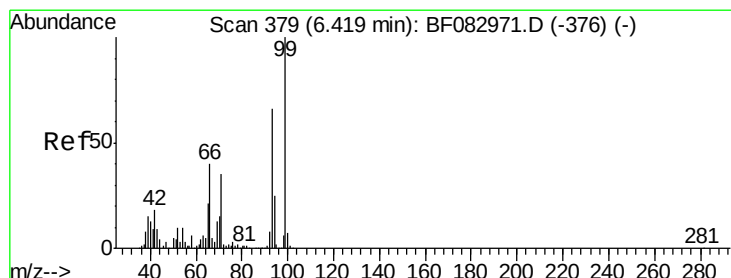
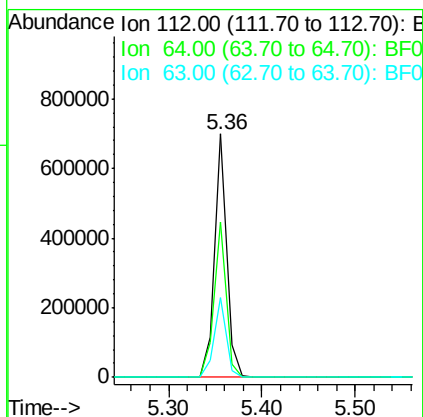
BNA_F

ClientSampleId :

MW-16MSD

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#6

Aniline

Concen: 11.85 ng

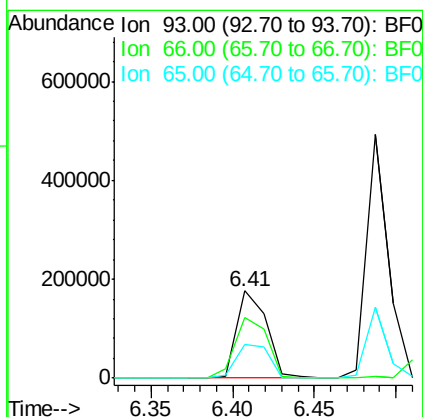
RT: 6.41 min Scan# 378

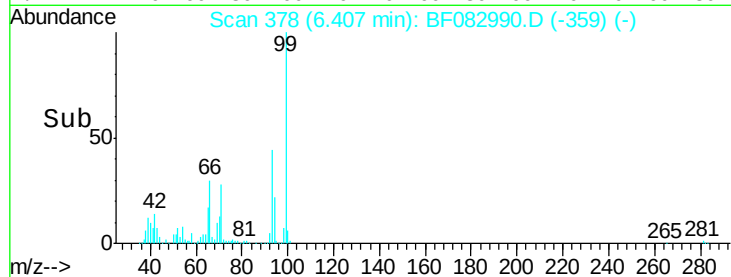
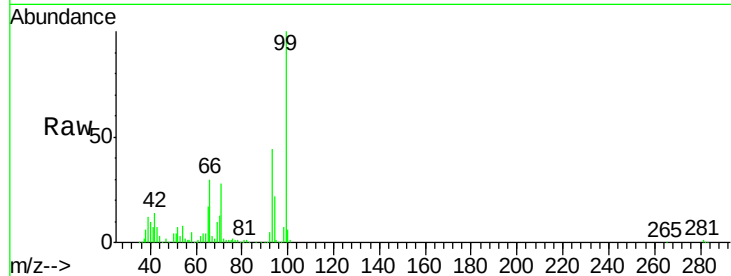
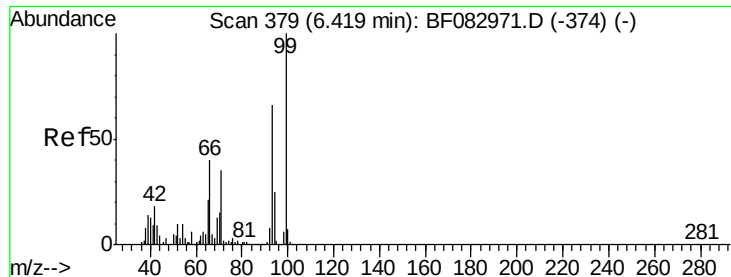
Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	223247		
66	69.0	33.6	50.4#	
65	38.0	18.1	27.1#	





#7

Phenol-d6

Concen: 39.99 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	99	Resp:	536369
Ion Ratio	Lower	Upper	
99	100		
42	13.9	19.2	28.8#
71	28.3	35.0	52.4#

Instrument :

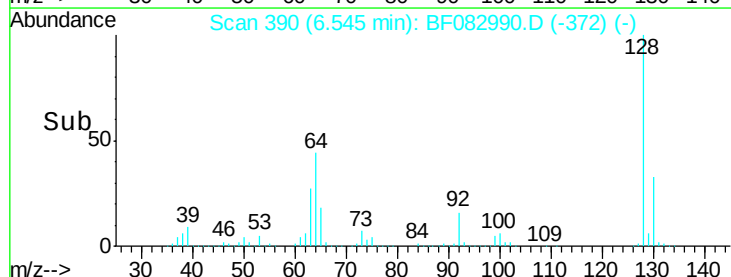
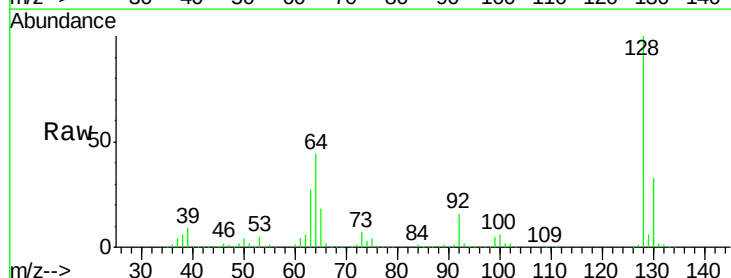
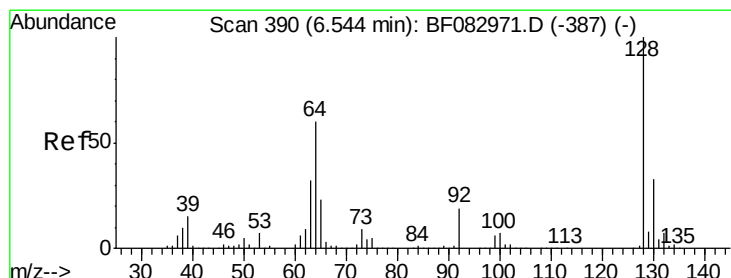
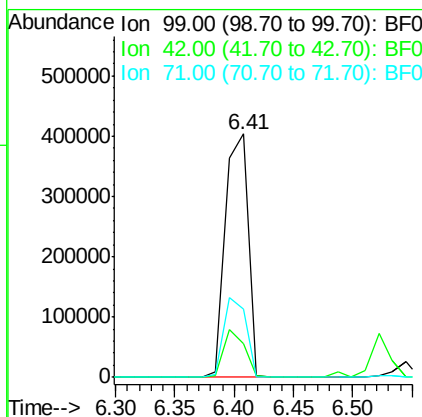
BNA_F

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#8

2-Chlorophenol

Concen: 35.83 ng

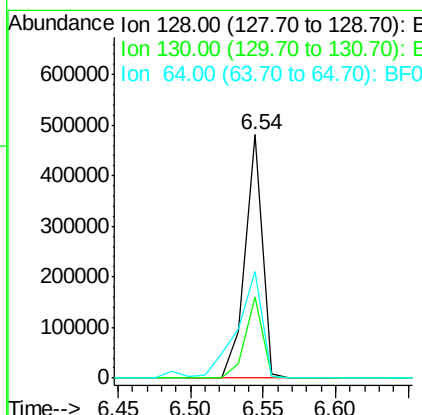
RT: 6.54 min Scan# 390

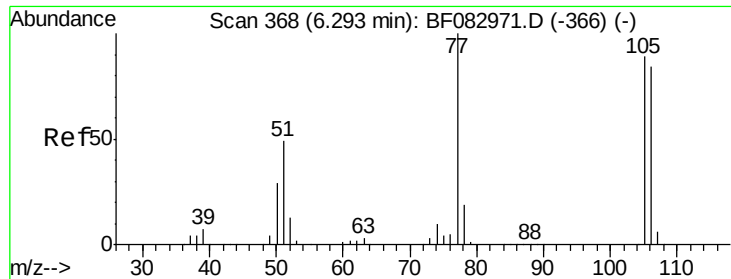
Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	128	Resp:	400757
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.5	53.5
64	43.8	21.1	61.1





#9

Benzaldehyde

Concen: 5.26 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

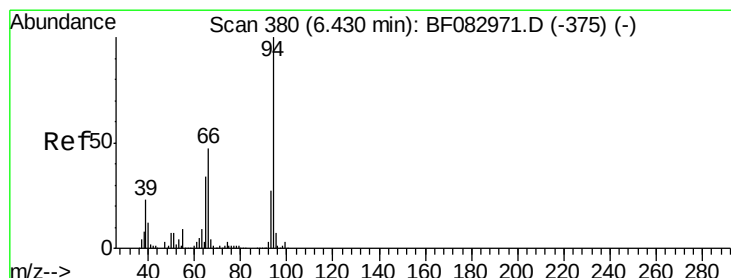
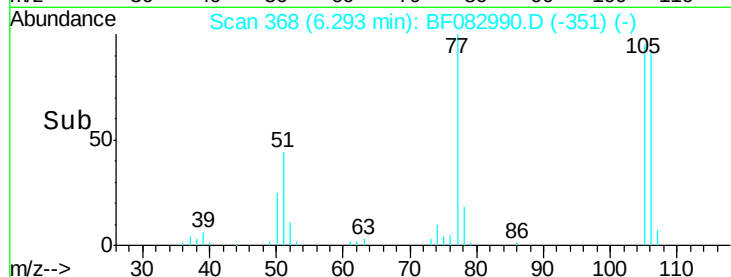
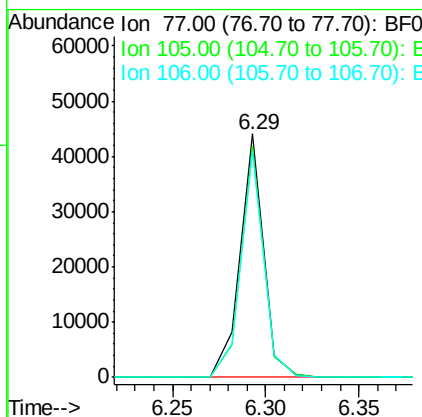
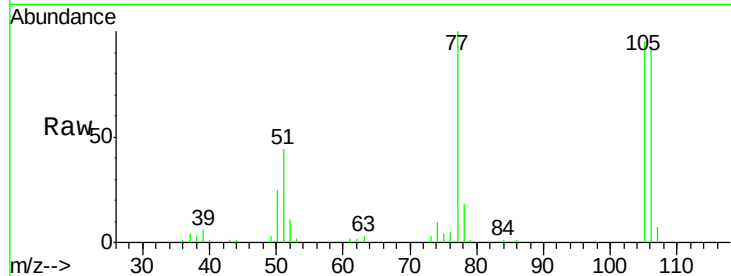
ClientSampleId :

MW-16MSD

Tgt Ion:	77	Resp:	38969
Ion Ratio	Lower	Upper	
77	100		
105	94.7	63.5	103.5
106	92.6	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 12.65 ng

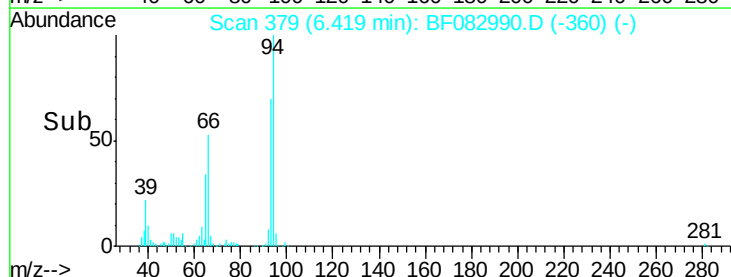
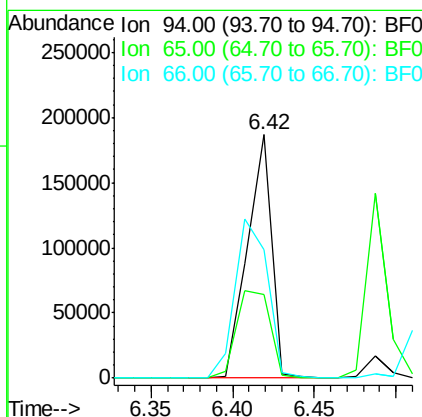
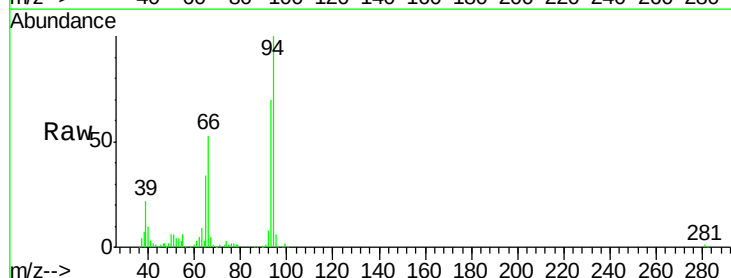
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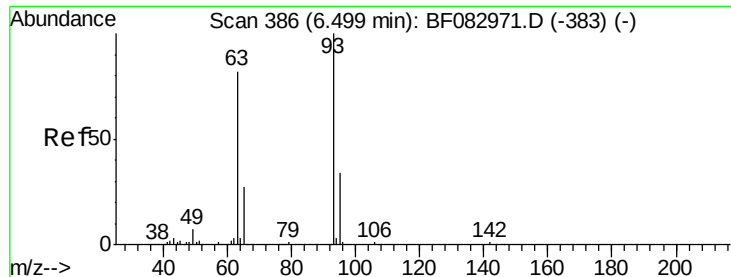
Delta R.T. -0.08 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	94	Resp:	192518
Ion Ratio	Lower	Upper	
94	100		
65	34.3	18.9	58.9
66	52.6	34.9	74.9





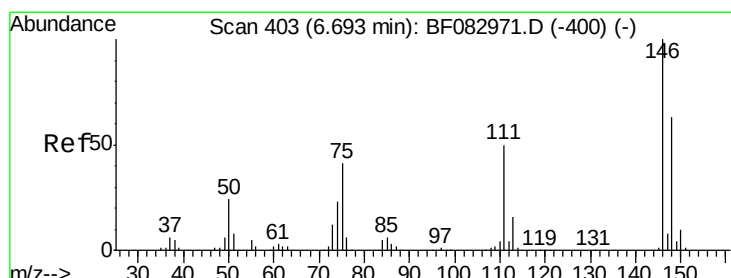
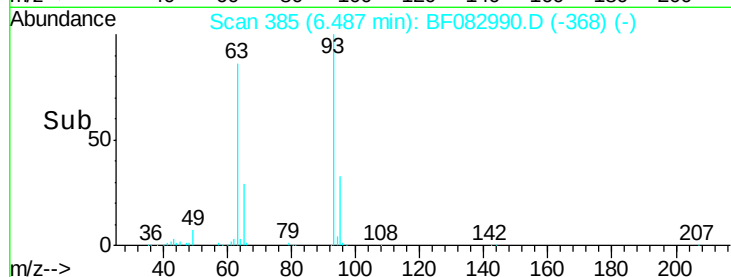
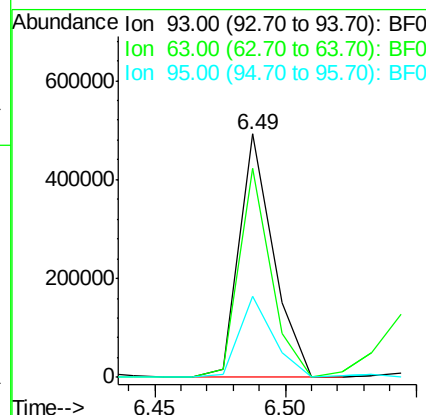
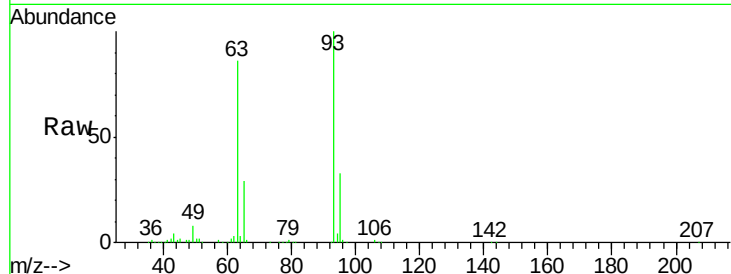
#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.9	72.7	112.7
95	33.1	12.0	52.0

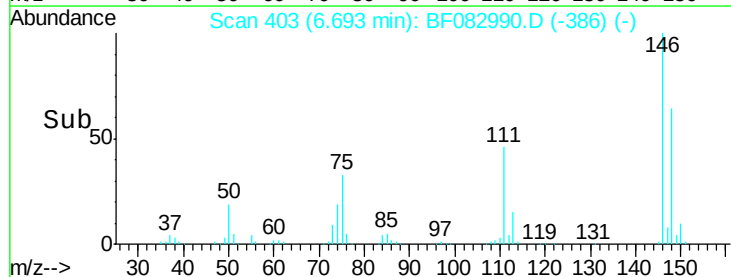
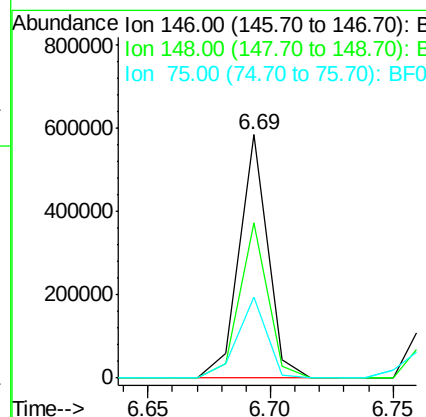
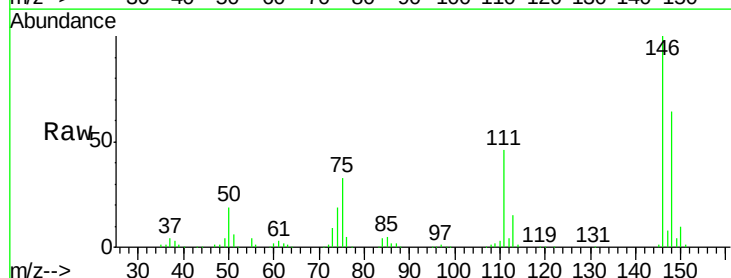
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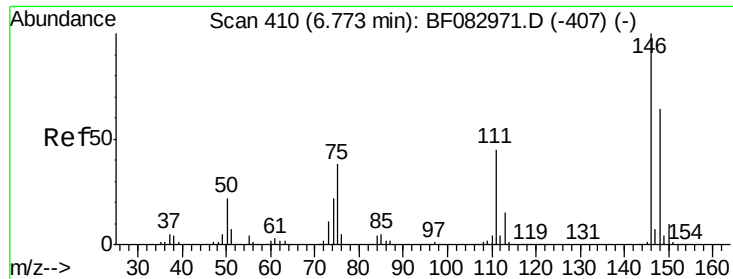
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.39 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	33.4	39.5	59.3#





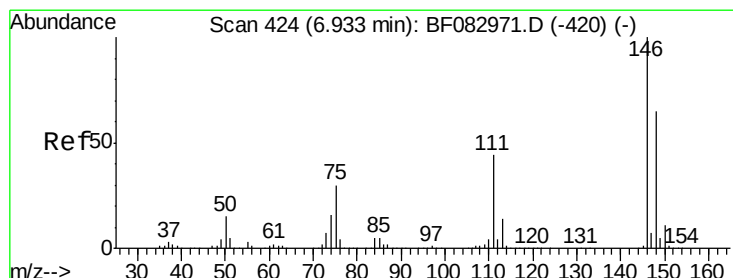
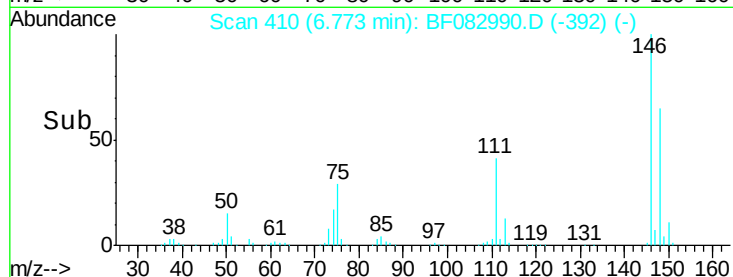
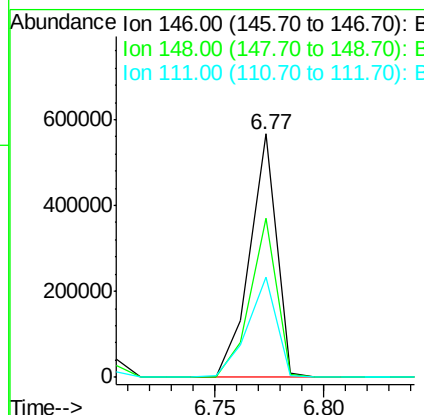
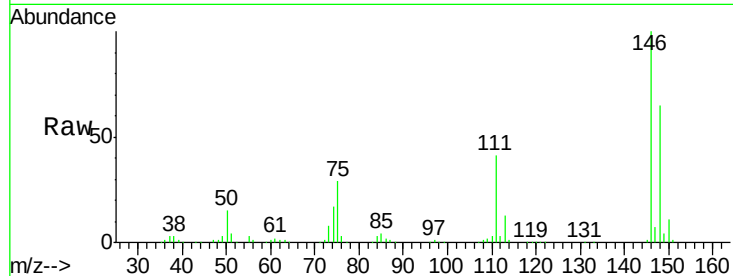
#13
1,4-Dichlorobenzene
Concen: 37.16 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	41.2	40.6	60.8

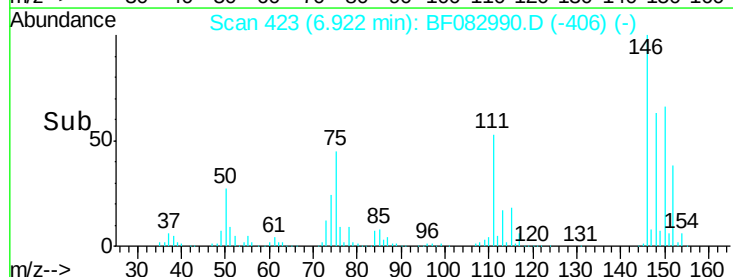
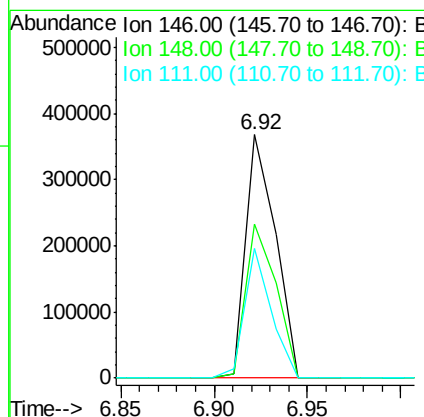
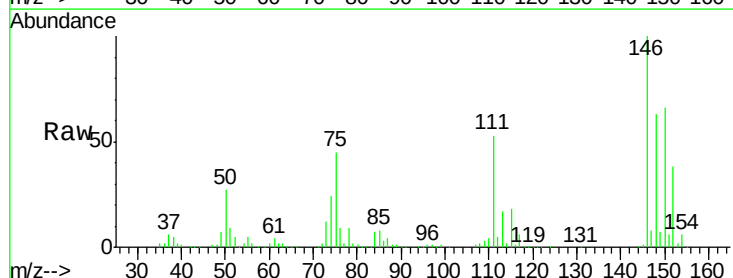
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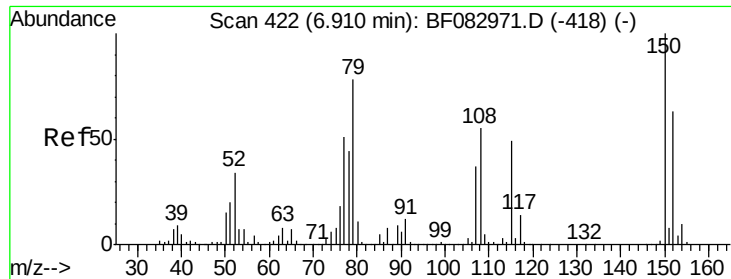
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#14
1,2-Dichlorobenzene
Concen: 34.04 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.4
111	53.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 22.67 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-16MSD

Tgt Ion: 79 Resp: 266979
Ion Ratio Lower Upper

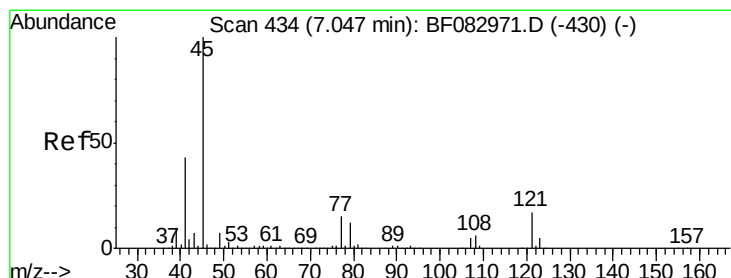
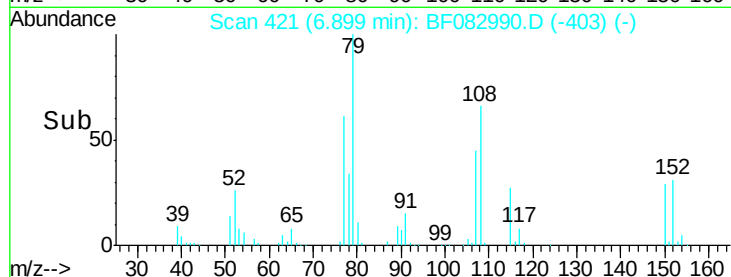
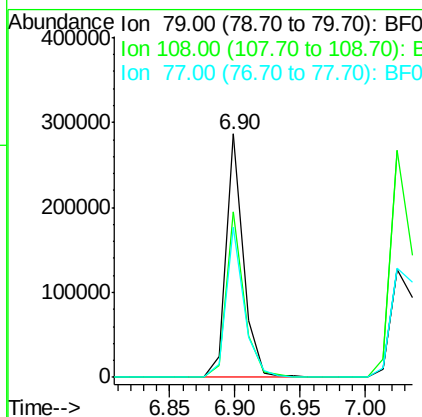
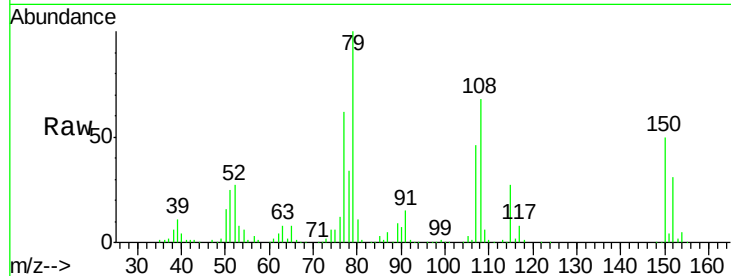
79 100

108 67.9 52.2 78.4

77 61.6 52.7 79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.64 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.09 min

Lab File: BF082990.D

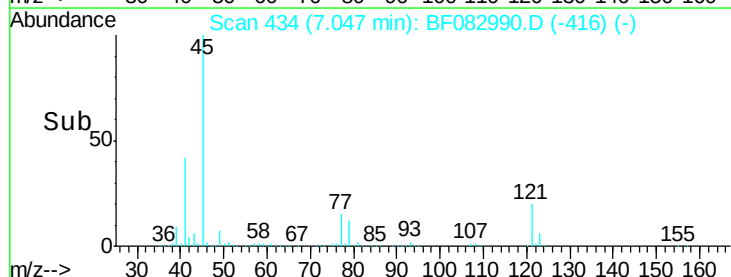
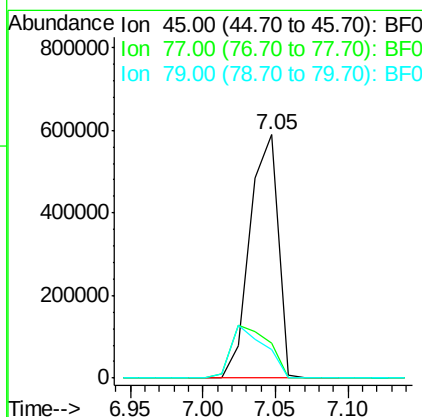
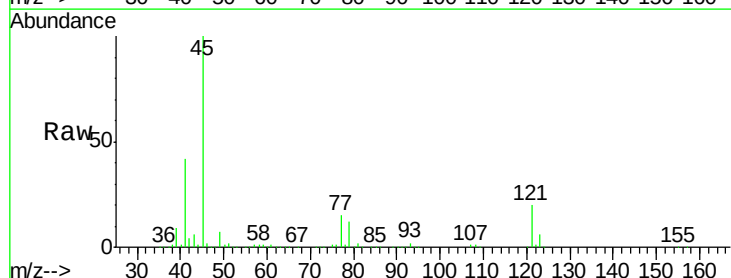
Acq: 18 Nov 2015 2:54

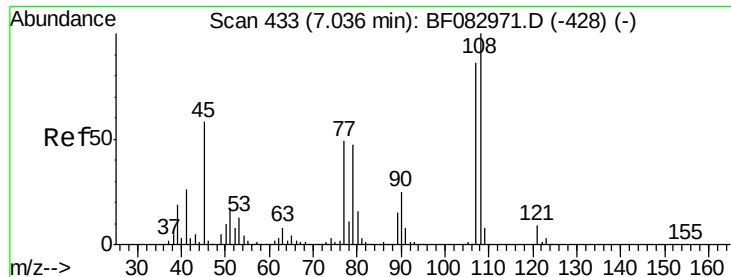
Tgt Ion: 45 Resp: 795289
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.6

79 11.6 0.0 29.2





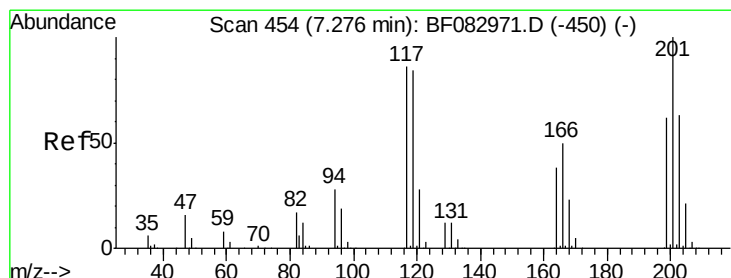
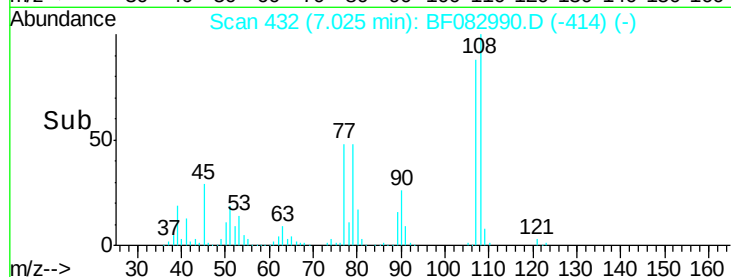
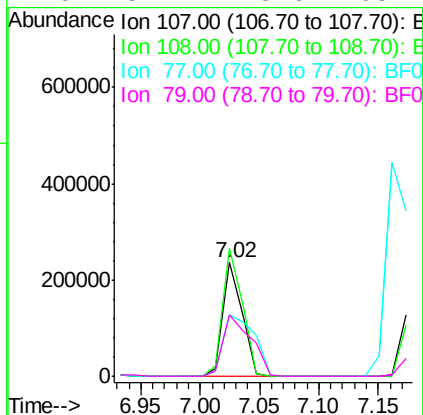
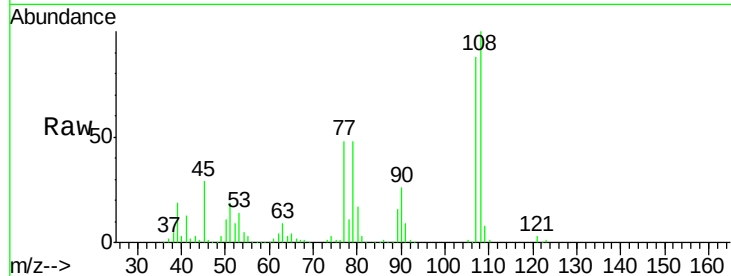
#17
2-Methylphenol
Concen: 27.75 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion:	107	Resp:	262921
Ion Ratio	Lower	Upper	
107	100		
108	113.1	93.0	139.4
77	54.7	44.1	66.1
79	54.1	43.6	65.4

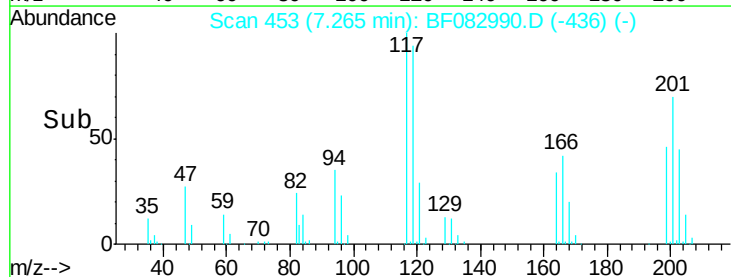
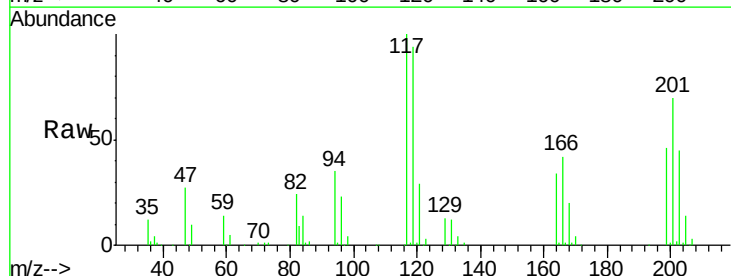
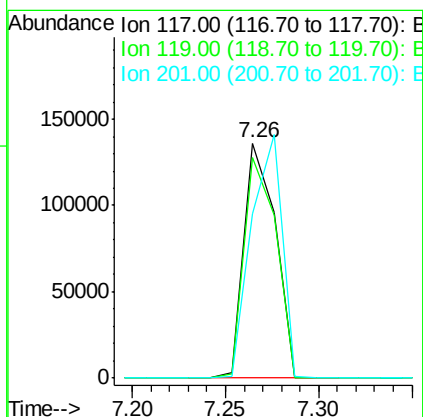
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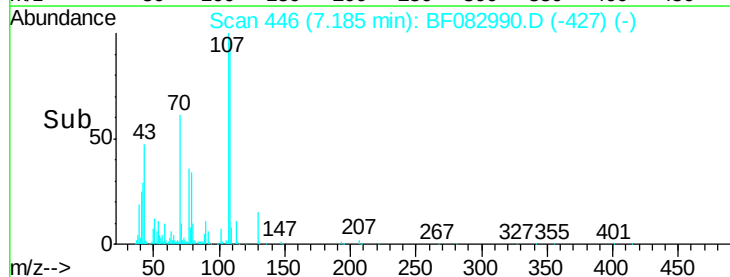
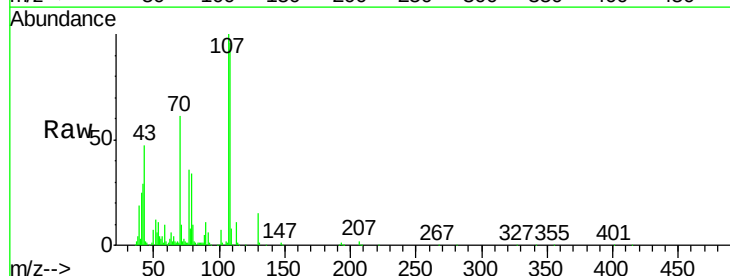
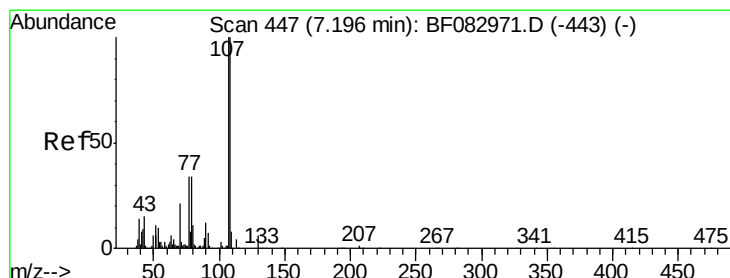
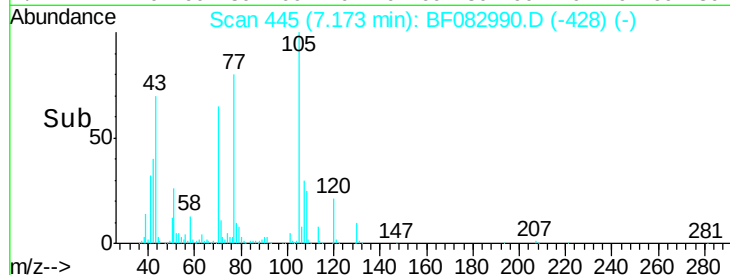
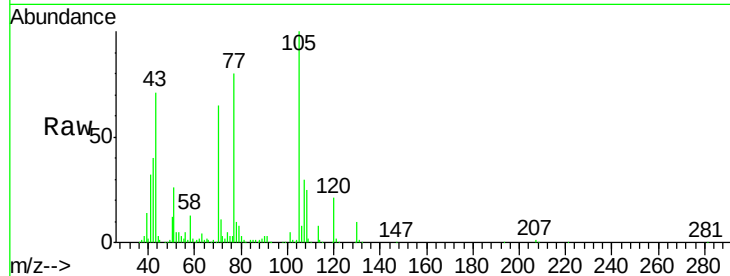
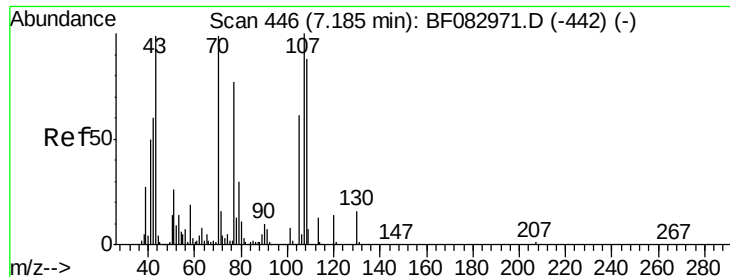
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#18
Hexachloroethane
Concen: 34.49 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:	117	Resp:	161888
Ion Ratio	Lower	Upper	
117	100		
119	94.1	77.7	116.5
201	70.2	66.7	100.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.38 ng

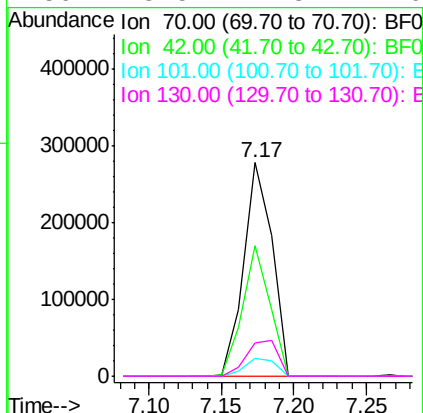
RT: 7.17 min Scan# 445

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		378412		
42	61.4	57.7	86.5		
101	8.2	7.0	10.6		
130	15.5	11.8	17.6		



Instrument :

BNA_F

ClientSampleId :

MW-16MSD

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#20

3+4-Methylphenols

Concen: 25.39 ng

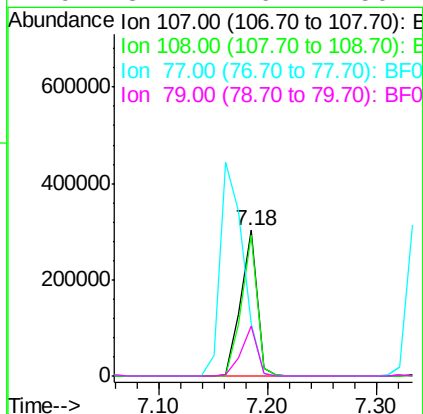
RT: 7.18 min Scan# 446

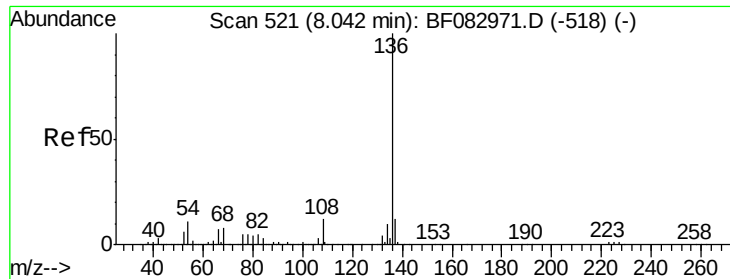
Delta R.T. -0.08 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		312697		
108	96.2	67.3	107.3		
77	36.1	100.3	140.3#		
79	34.1	16.2	56.2		





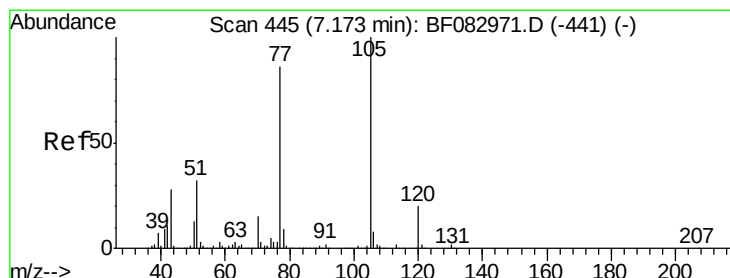
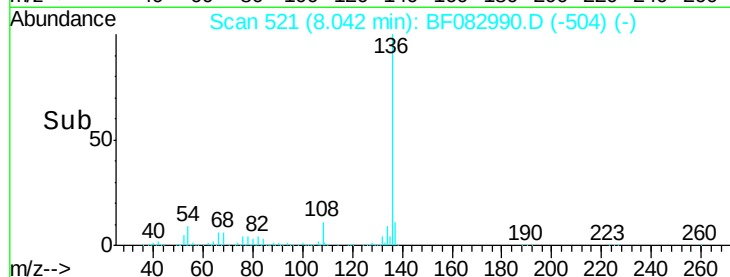
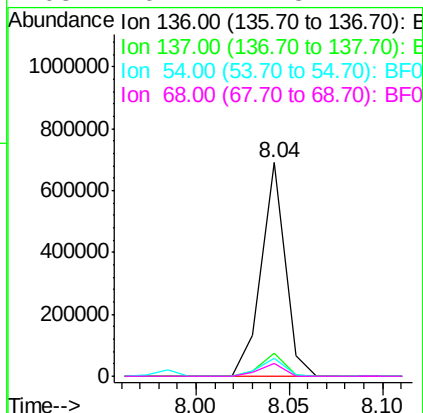
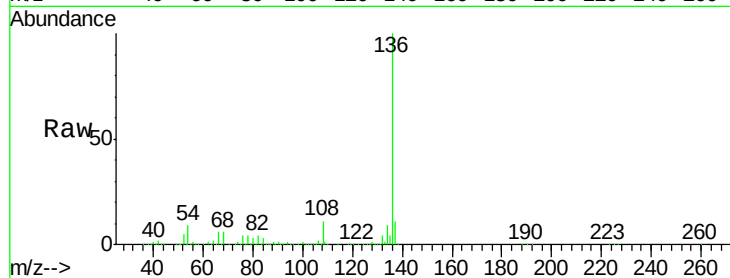
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		609081		
137	11.0	9.1	13.7		
54	8.7	9.1	13.7#		
68	6.1	4.8	7.2		

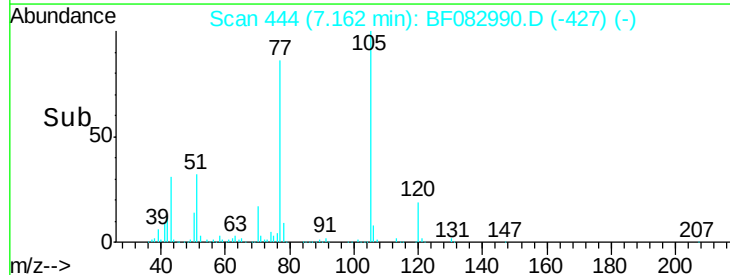
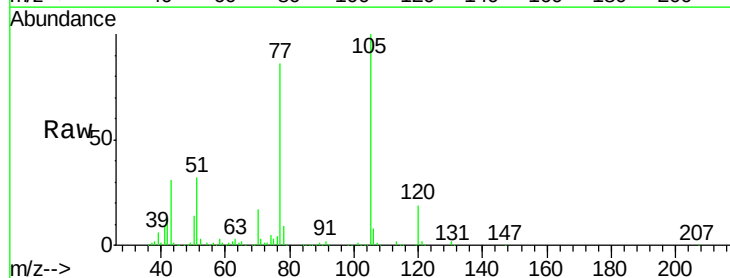
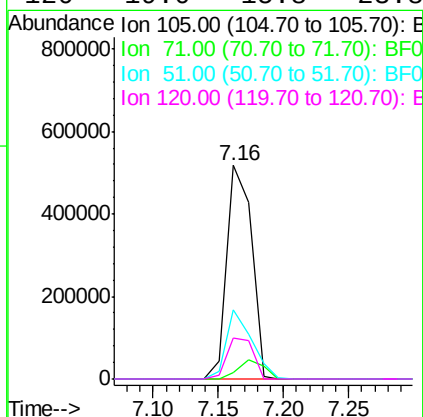
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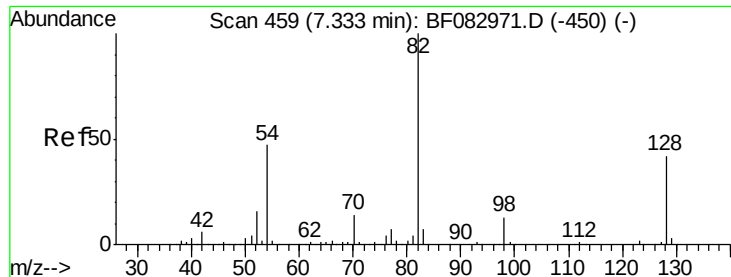
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#22
Acetophenone
Concen: 39.19 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		683893		
71	2.8	5.6	8.4#		
51	32.1	24.9	37.3		
120	19.0	15.8	23.8		





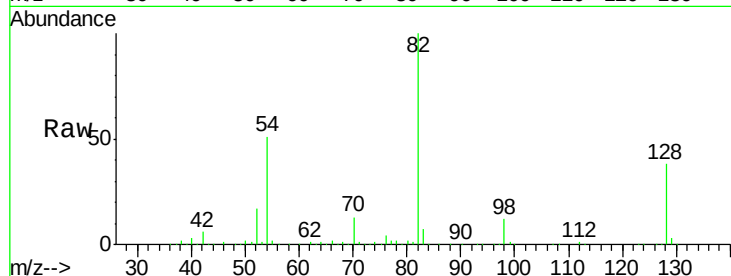
#23
 Nitrobenzene-d5
 Concen: 79.21 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

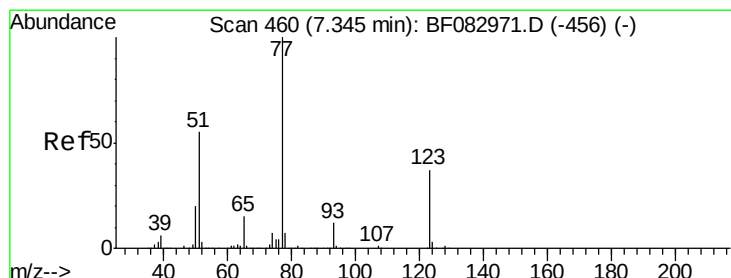
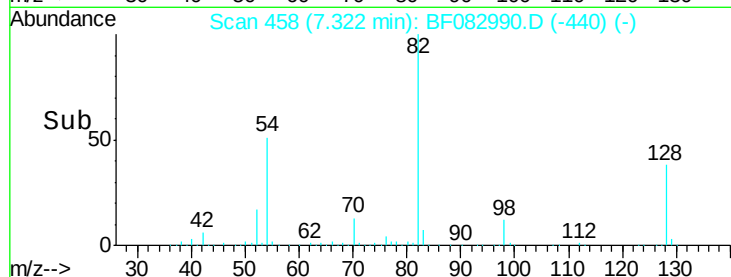
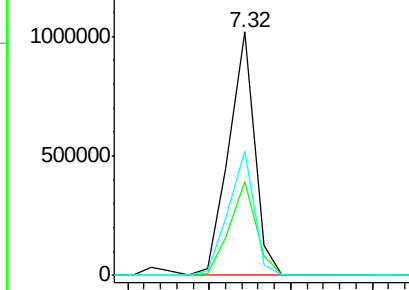
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.8	40.2
54	50.9	45.7	68.5

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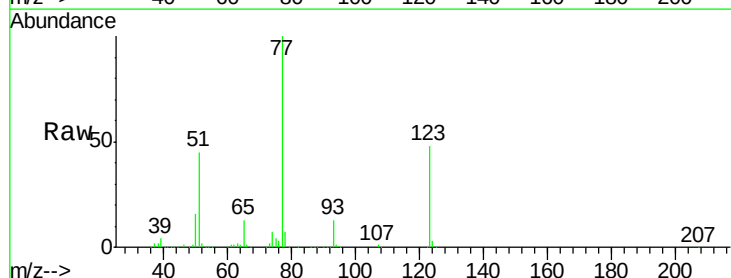


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

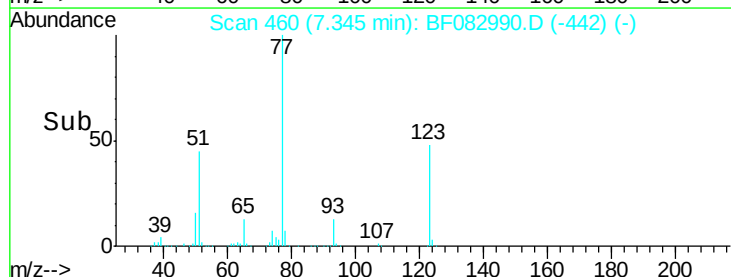
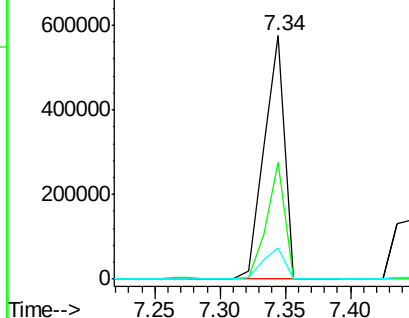


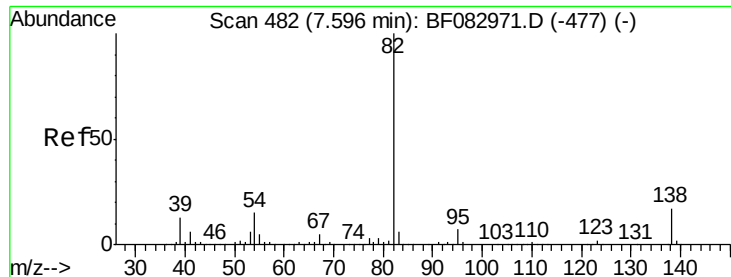
#24
 Nitrobenzene
 Concen: 43.75 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	36.4	54.6
65	13.0	11.5	17.3



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





#25

Isophorone

Concen: 41.12 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

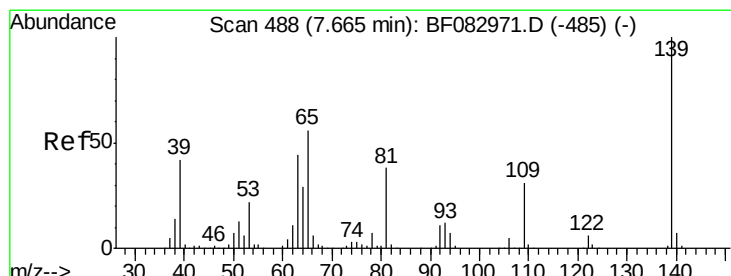
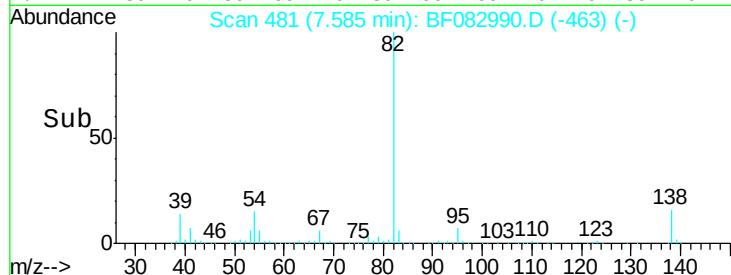
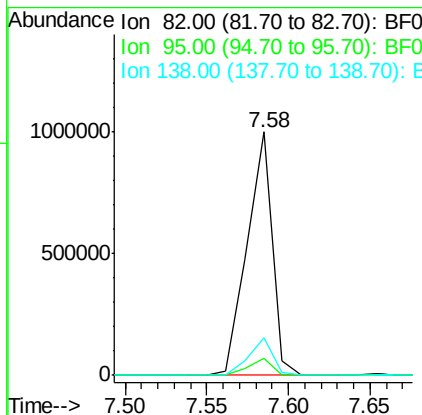
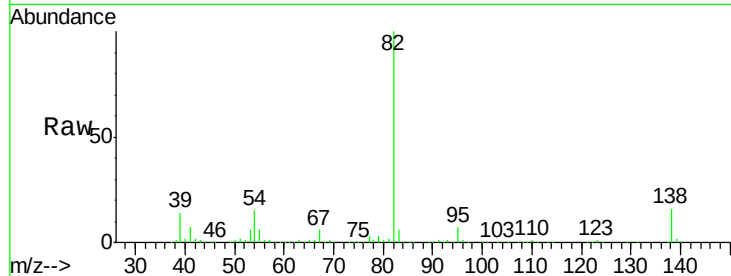
ClientSampleId :

MW-16MSD

Tgt Ion:	82	Resp:	1065051
Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.6	9.8
138	15.6	11.4	17.0

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#26

2-Nitrophenol

Concen: 37.66 ng

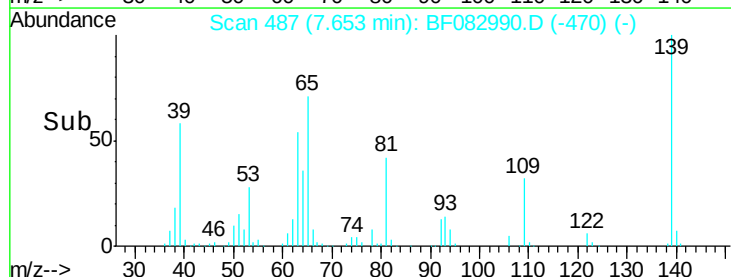
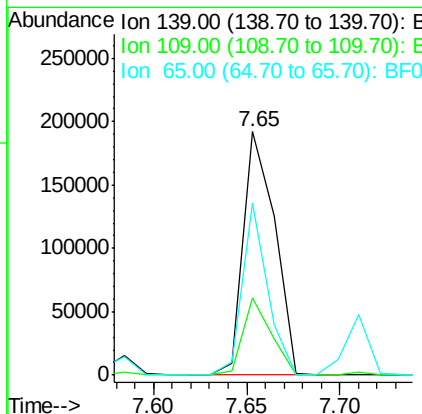
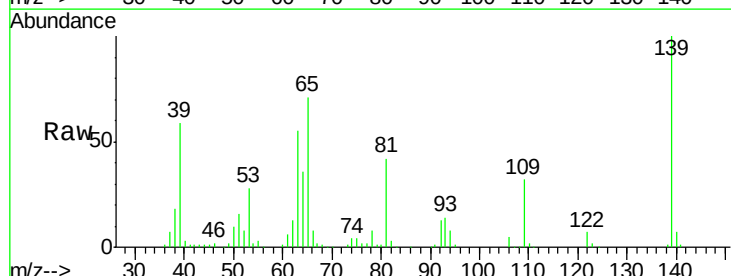
RT: 7.65 min Scan# 487

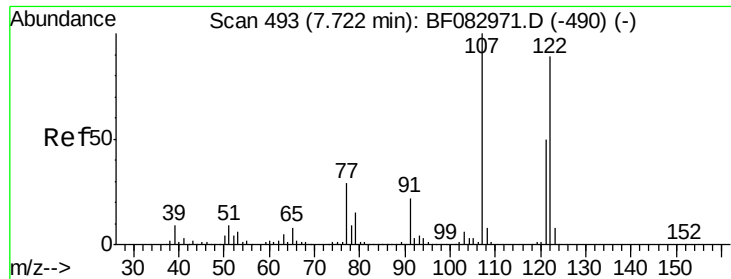
Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	139	Resp:	225030
Ion	Ratio	Lower	Upper
139	100		
109	31.5	37.6	56.4#
65	70.9	70.6	105.8





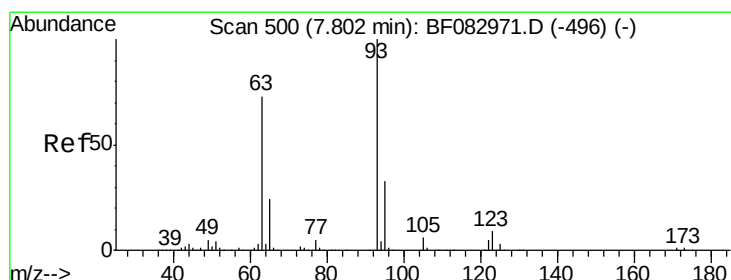
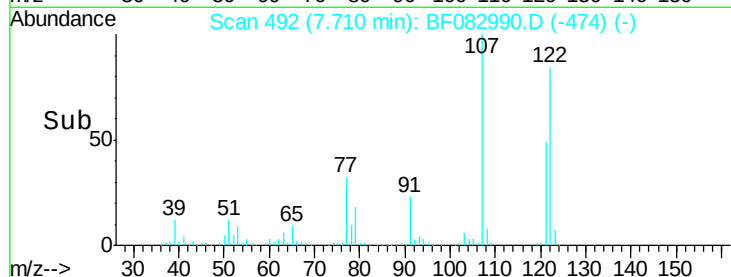
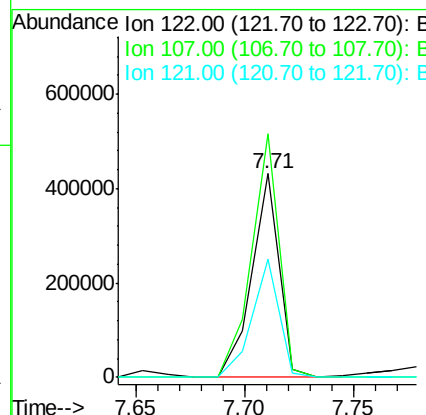
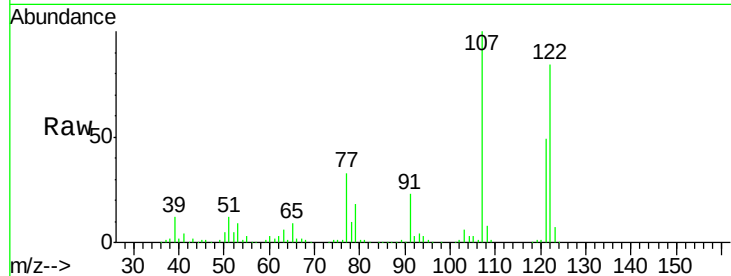
#27
 2,4-Dimethylphenol
 Concen: 35.30 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	378992		
107	119.4	106.0	159.0	
121	57.9	46.7	70.1	

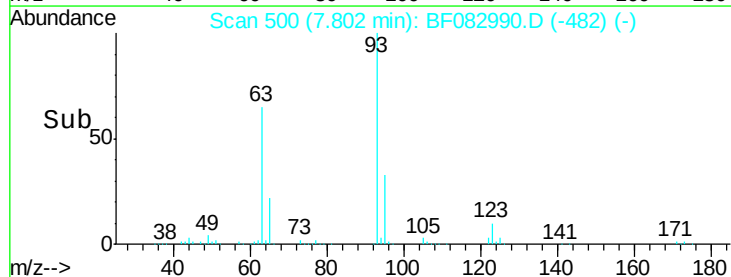
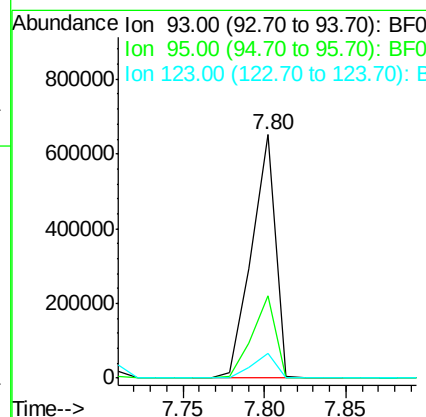
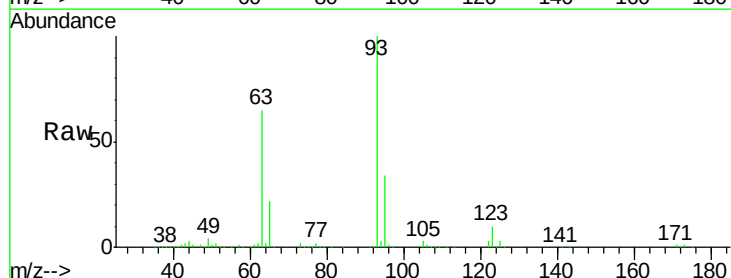
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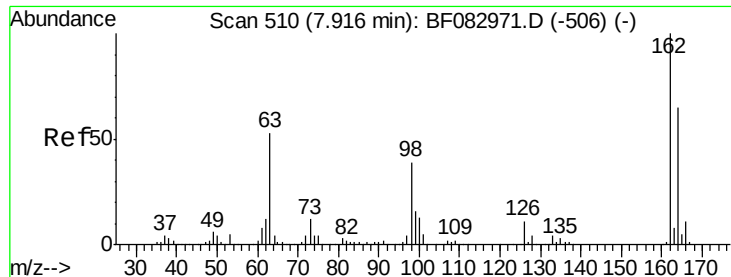
mohammad
 11/19/2015 8:25:43 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.31 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	661930		
95	34.0	26.6	40.0	
123	10.3	9.7	14.5	





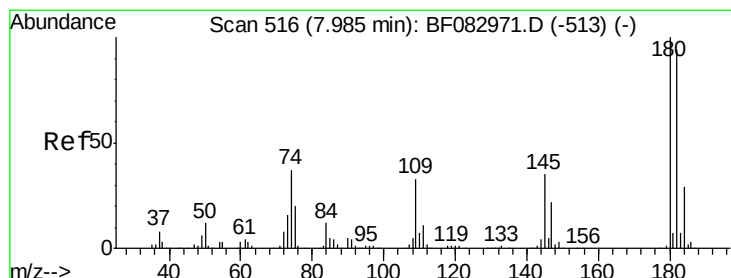
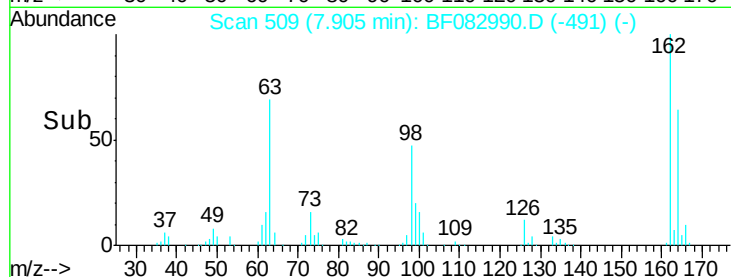
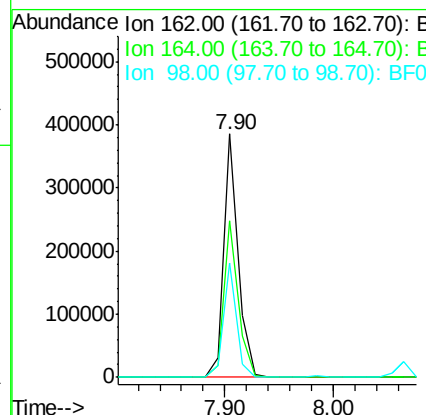
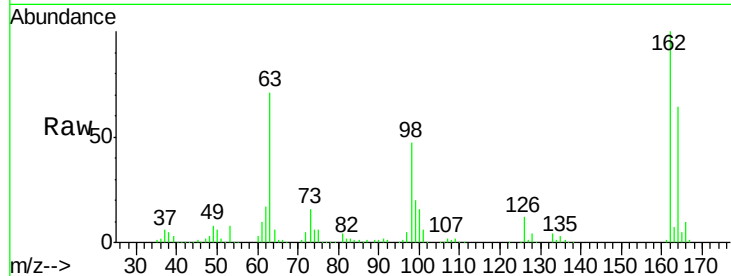
#29
 2,4-Dichlorophenol
 Concen: 37.01 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleID :
 MW-16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	46.8	86.8
98	47.0	12.5	52.5

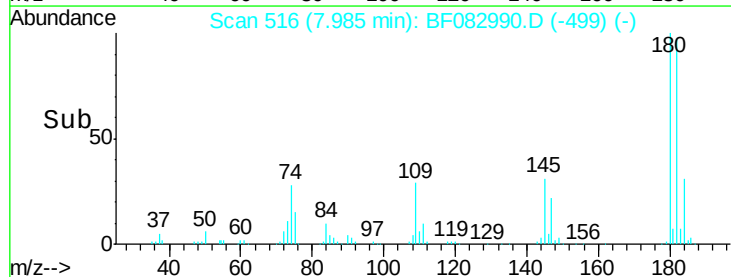
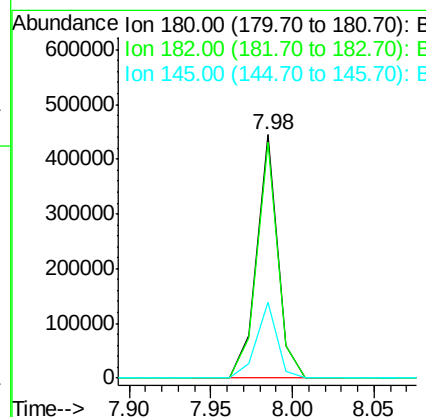
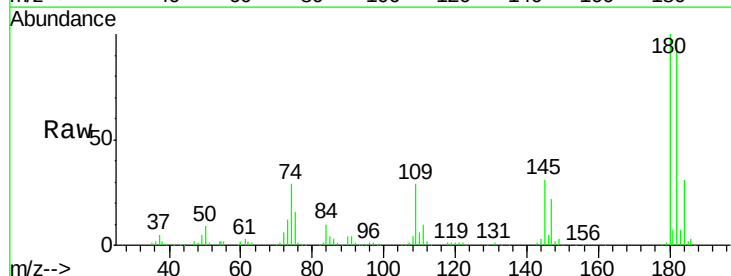
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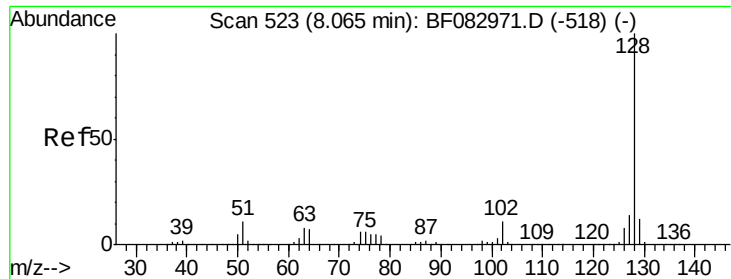
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.52 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.1	74.9	112.3
145	31.2	27.8	41.8





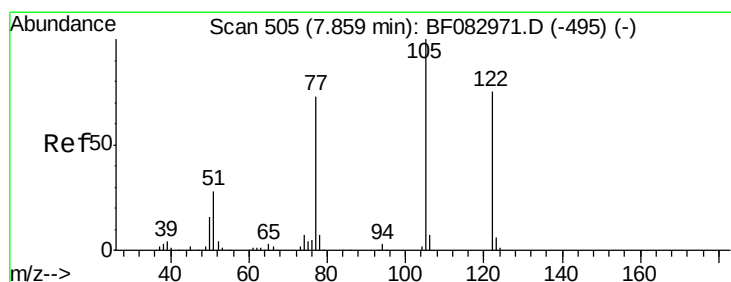
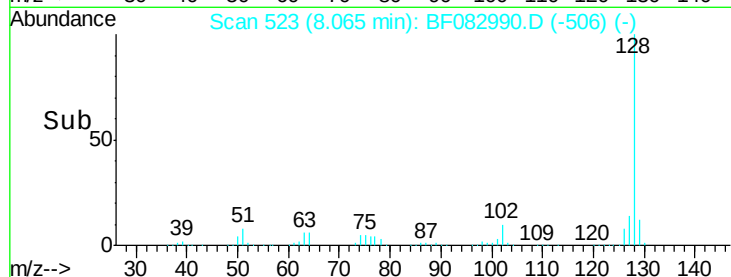
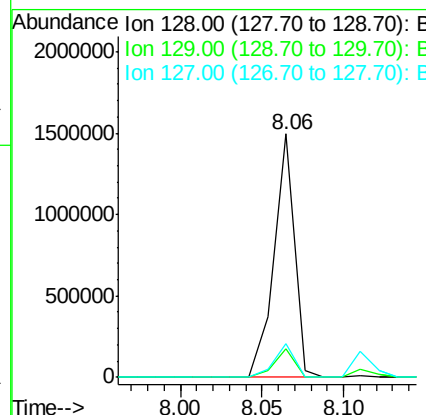
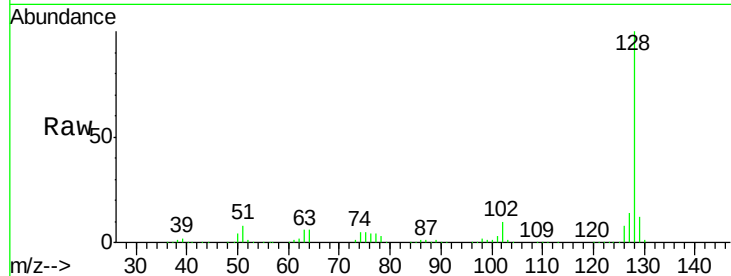
#31
Naphthalene
Concen: 39.13 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion:128 Resp: 1314847
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.9 11.4 17.0

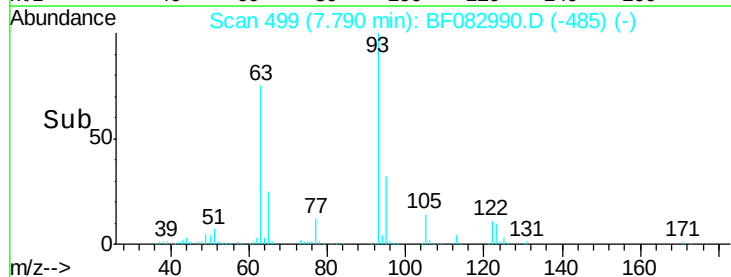
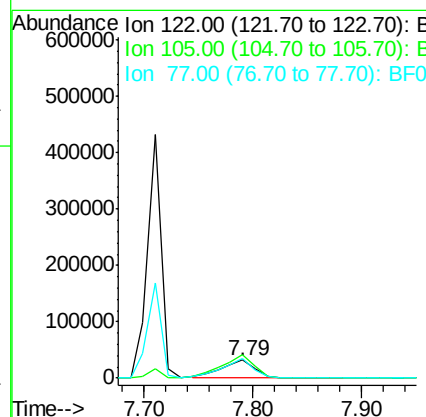
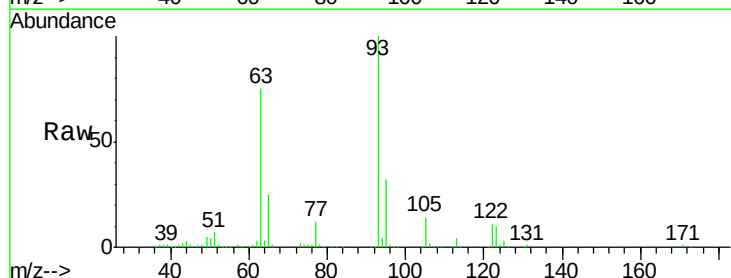
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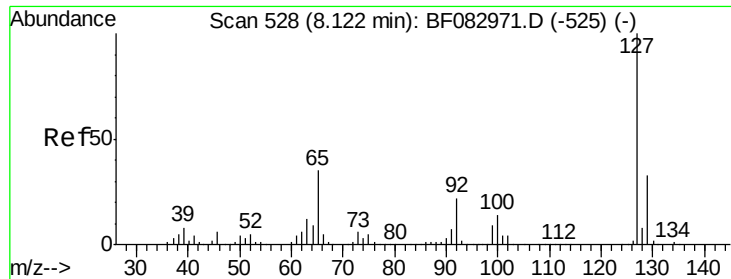
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#32
Benzoic acid
Concen: 9.16 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.14 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion:122 Resp: 67317
Ion Ratio Lower Upper
122 100
105 132.4 122.6 162.6
77 110.1 100.9 140.9





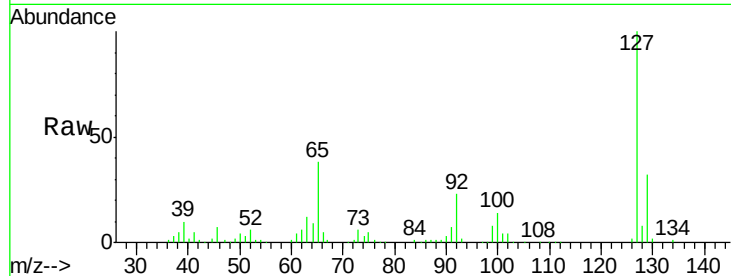
#33
4-Chloroaniline
Concen: 10.58 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

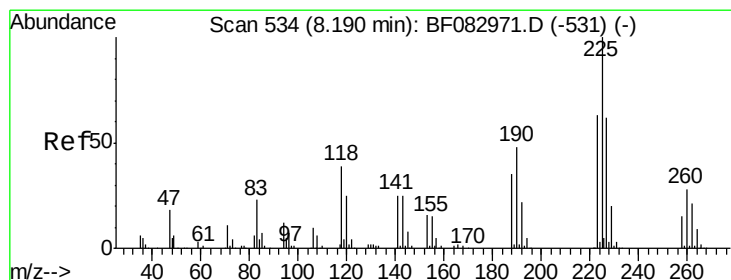
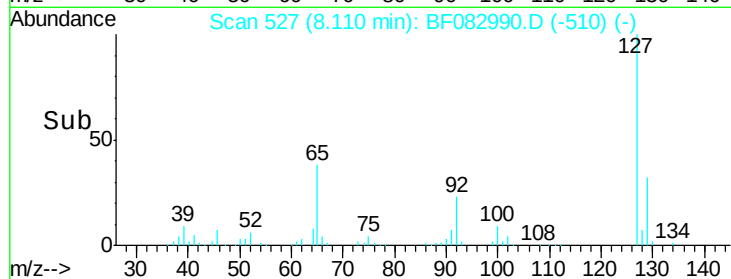
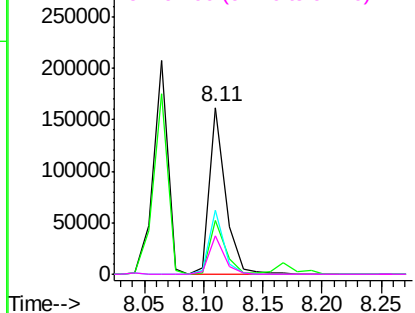
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		153194		
129	32.0	26.3	39.5		
65	38.2	37.8	56.8		
92	22.7	20.6	31.0		

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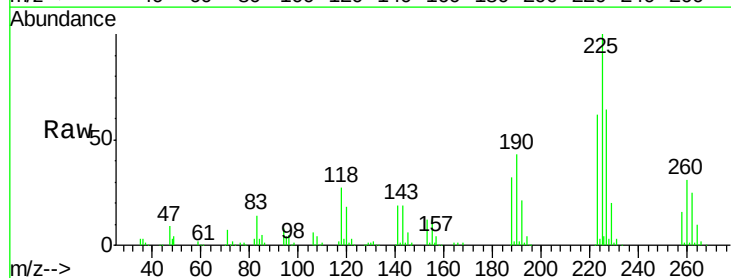


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

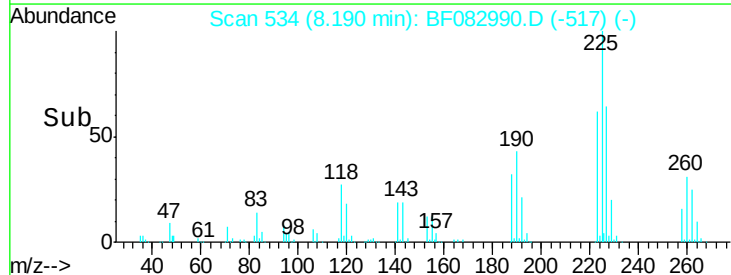
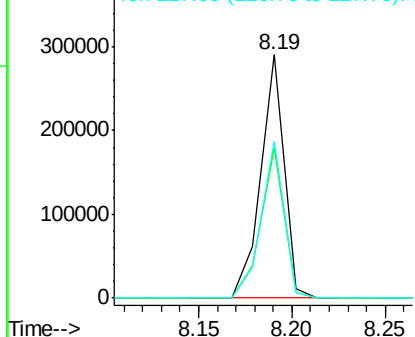


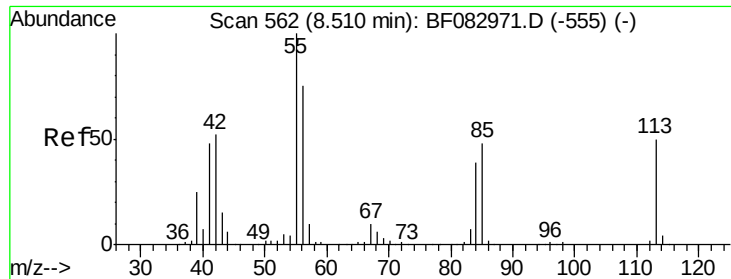
#34
Hexachlorobutadiene
Concen: 36.53 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		249476		
223	61.8	50.5	75.7		
227	64.1	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





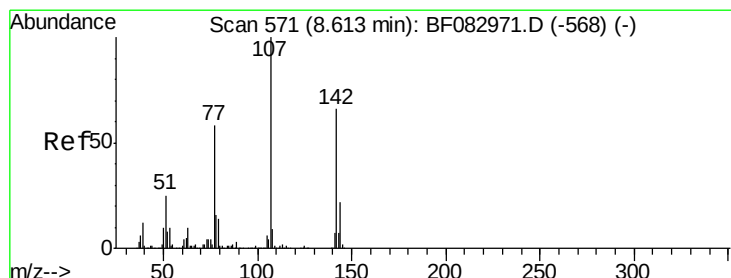
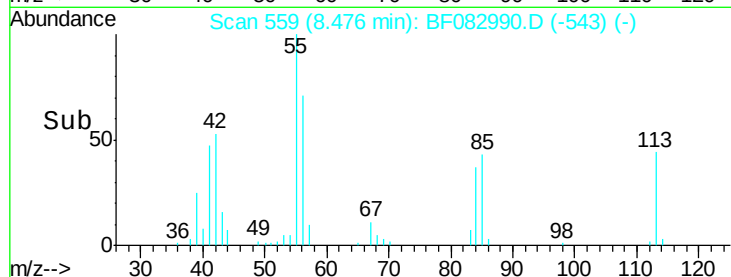
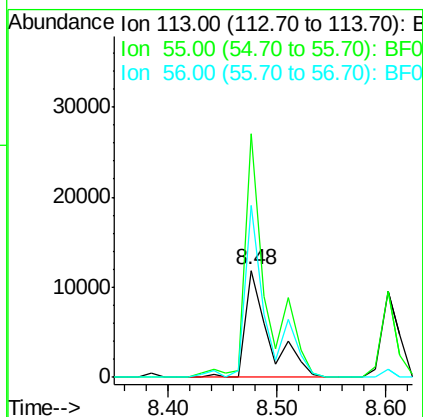
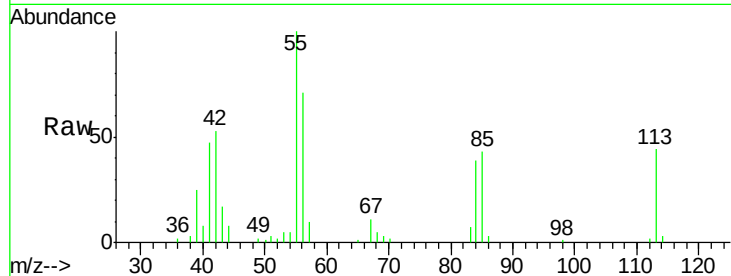
#35
 Caprolactam
 Concen: 5.80 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.11 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion:113 Resp: 17744
 Ion Ratio Lower Upper
 113 100
 55 227.8 195.5 235.5
 56 160.9 153.5 193.5

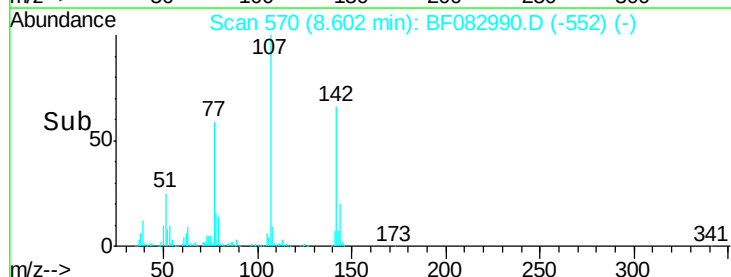
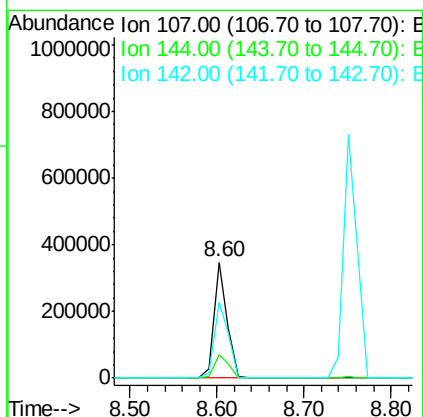
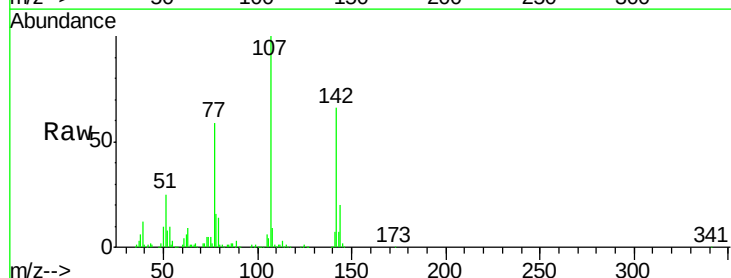
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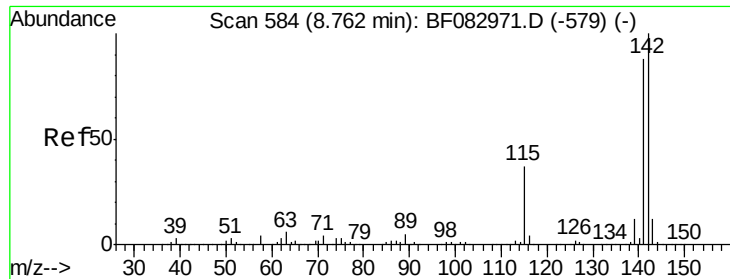
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#36
 4-Chloro-3-methylphenol
 Concen: 32.36 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion:107 Resp: 369264
 Ion Ratio Lower Upper
 107 100
 144 20.5 15.4 23.0
 142 65.6 47.8 71.8





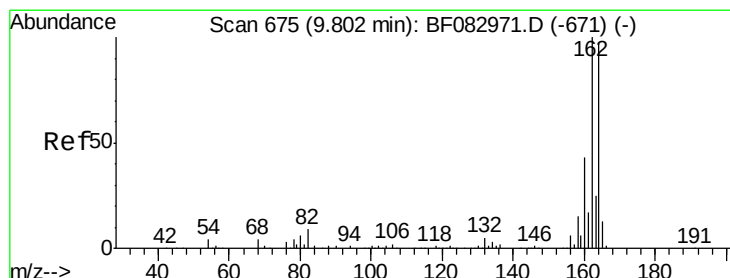
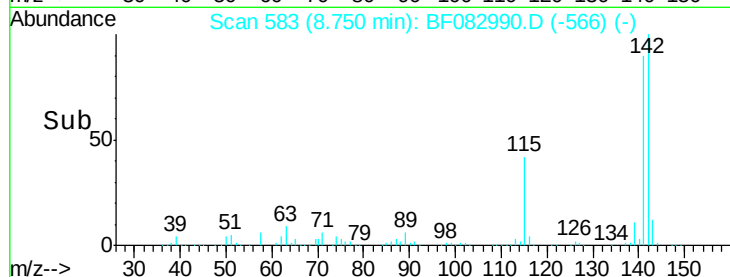
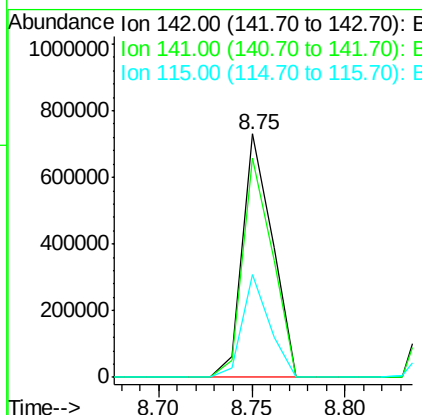
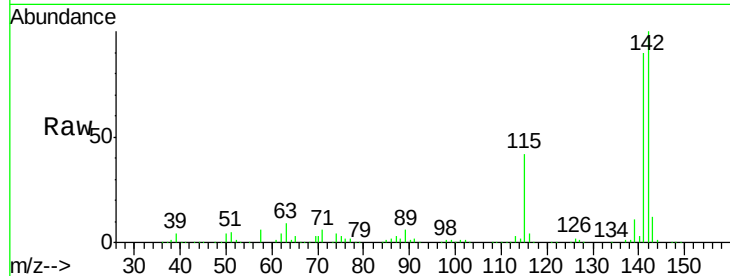
#37
 2-Methylnaphthalene
 Concen: 37.30 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	42.0	38.1	57.1

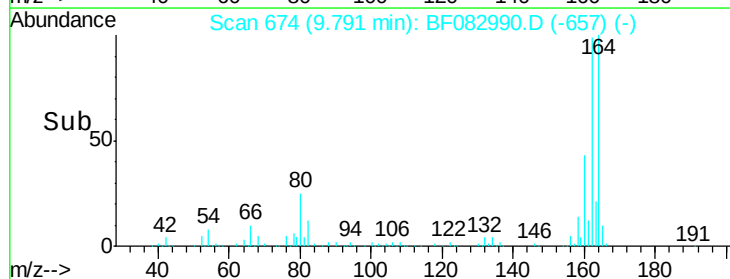
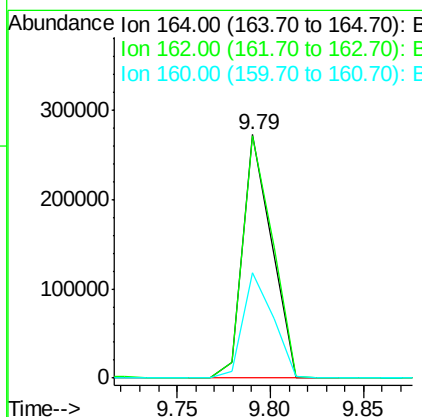
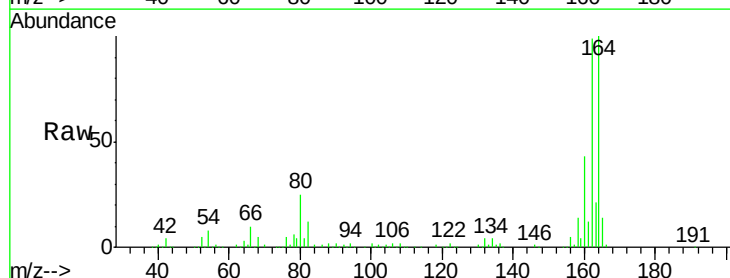
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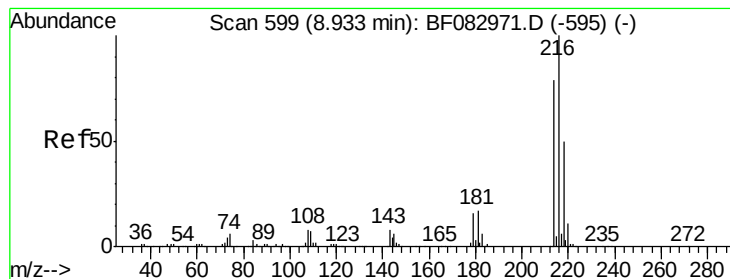
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	84.9	127.3
160	43.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.19 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082990.D

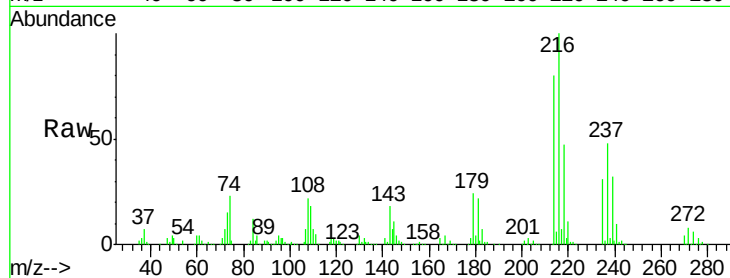
Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-16MSD



Tgt Ion: 216 Resp: 378114

Ion Ratio Lower Upper

216 100

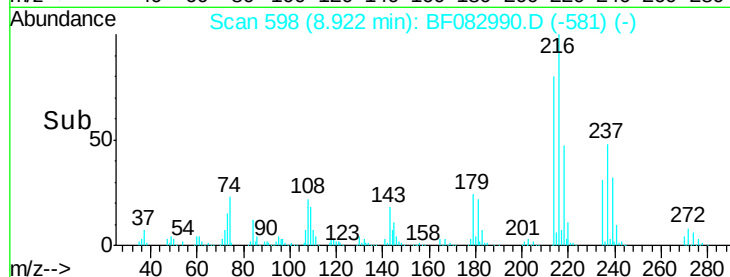
214 79.8 62.2 93.2

179 22.5 18.1 27.1

108 23.5 16.6 25.0

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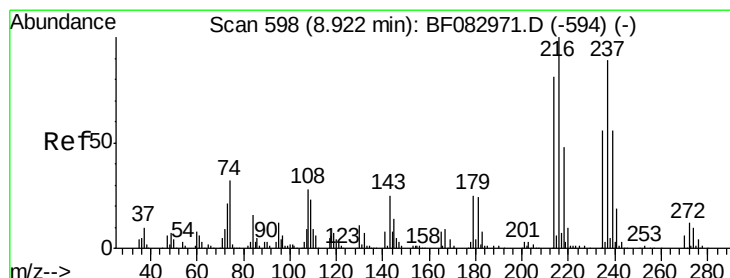
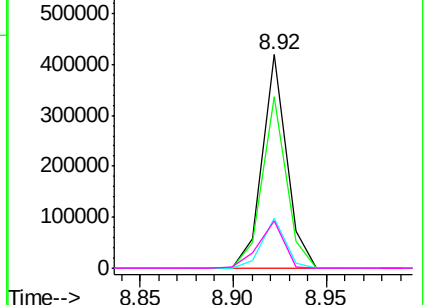


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.15 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

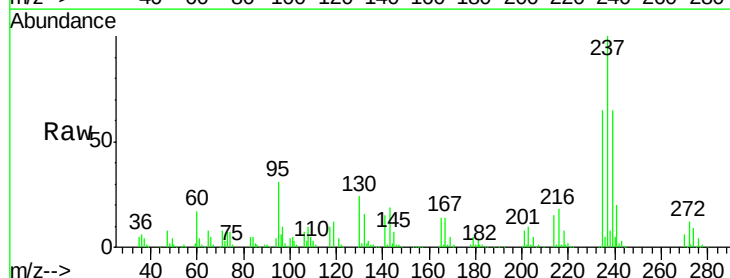
Tgt Ion: 237 Resp: 379211

Ion Ratio Lower Upper

237 100

235 65.3 44.3 84.3

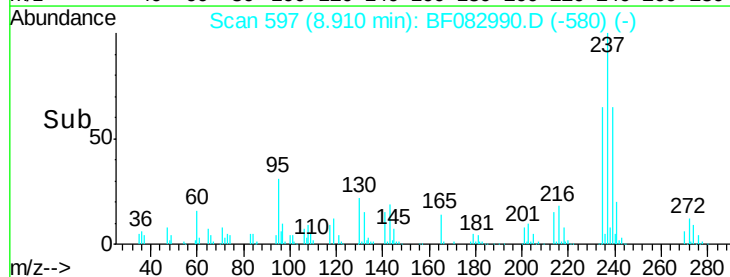
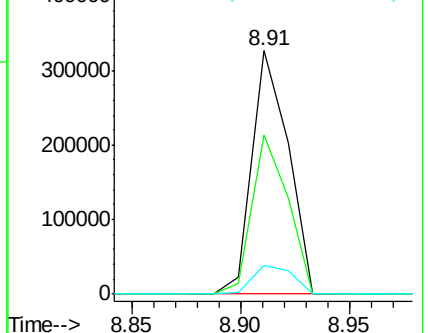
272 12.0 0.0 31.9

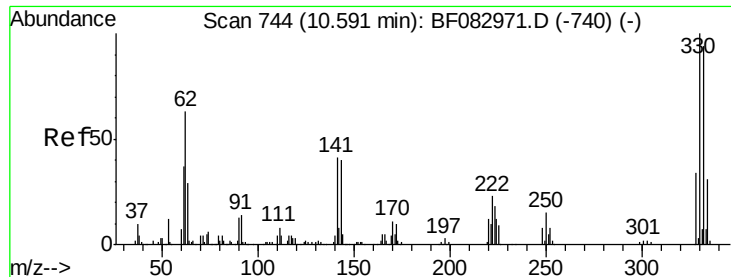


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





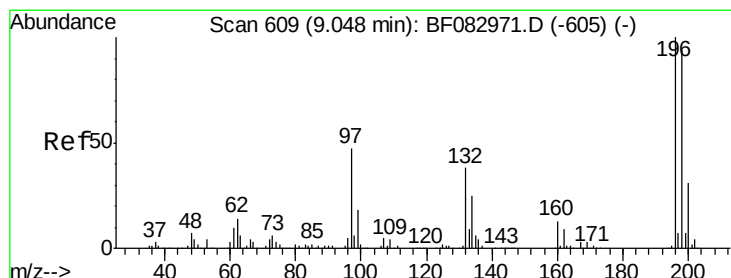
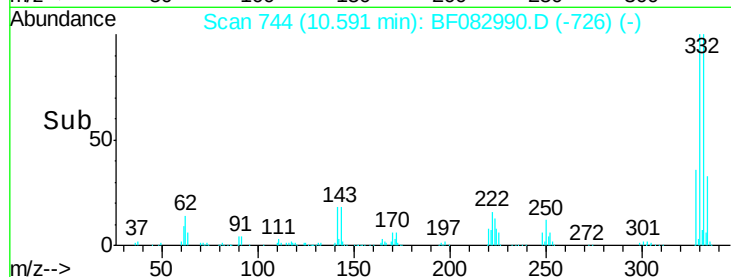
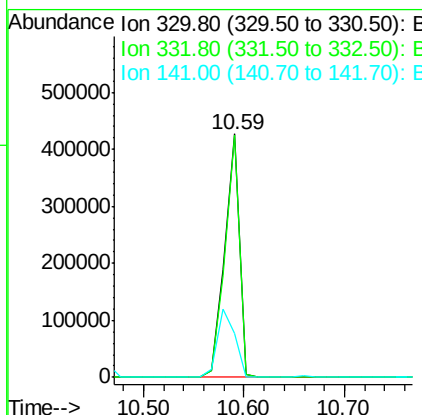
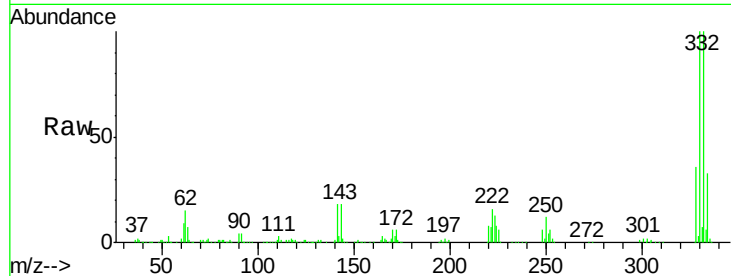
#41
 2,4,6-Tribromophenol
 Concen: 130.04 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampled :
 MW-16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	437776		
332	98.0	76.6	114.8	
141	33.1	41.2	61.8#	

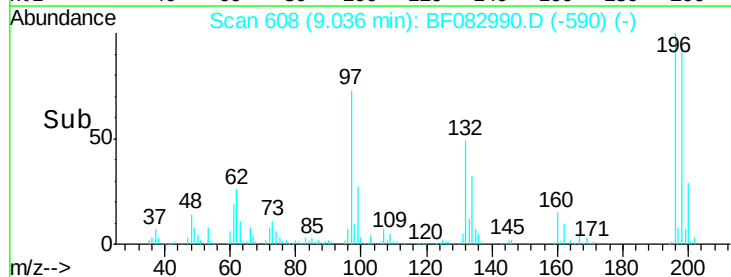
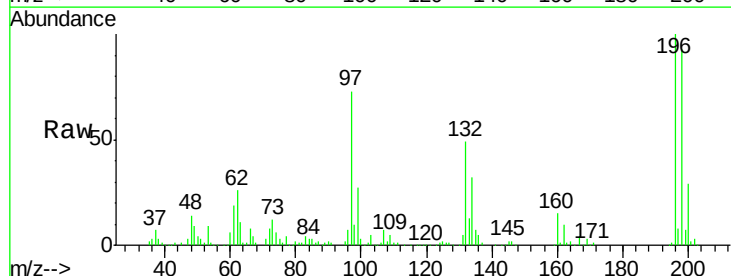
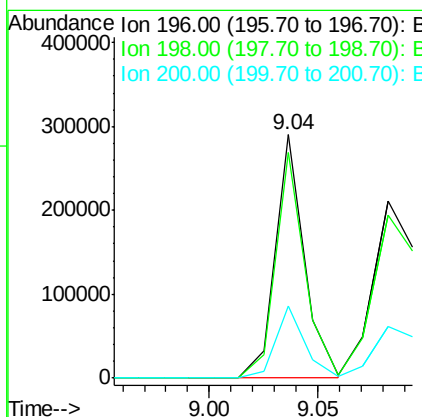
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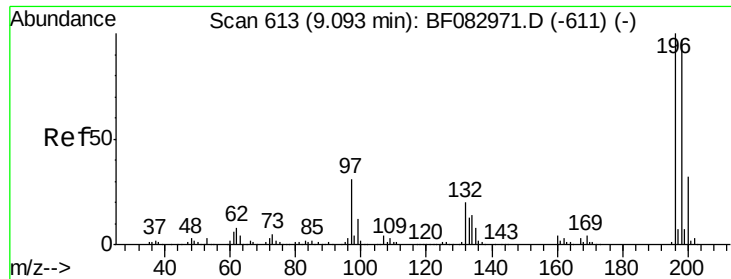
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 37.61 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

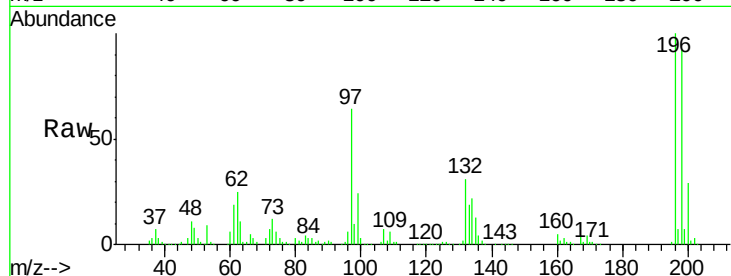
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270864		
198	92.9	76.3	114.5	
200	29.4	23.9	35.9	





#43
2,4,5-Trichlorophenol
Concen: 40.94 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

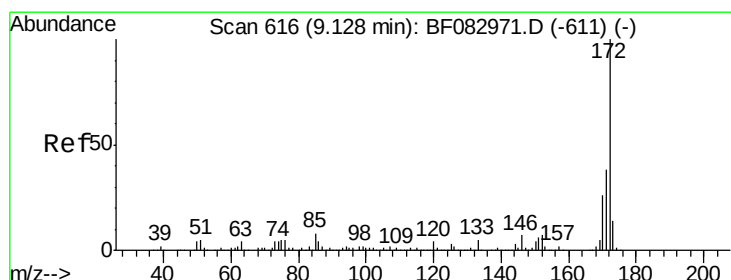
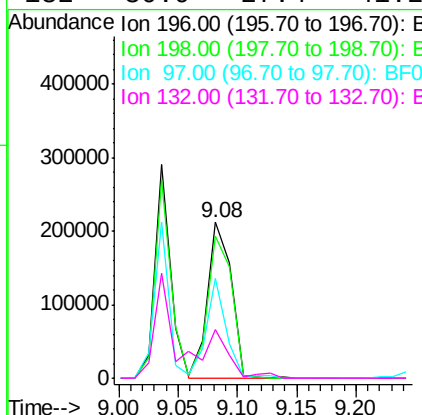
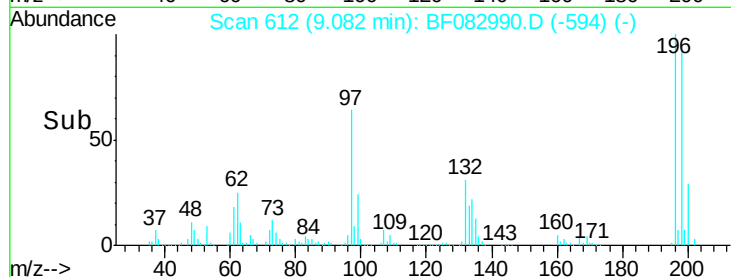
Instrument :
BNA_F
ClientSampleId :
MW-16MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291616		
198	91.5	75.8	113.8	
97	64.3	62.3	93.5	
132	30.9	27.4	41.2	

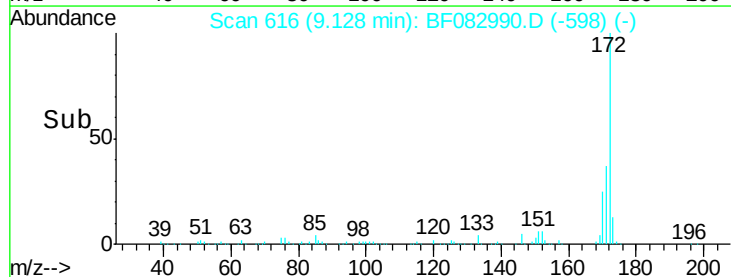
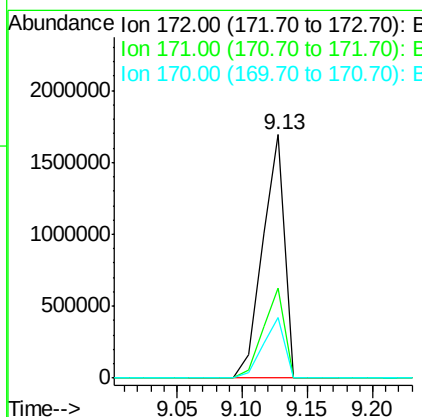
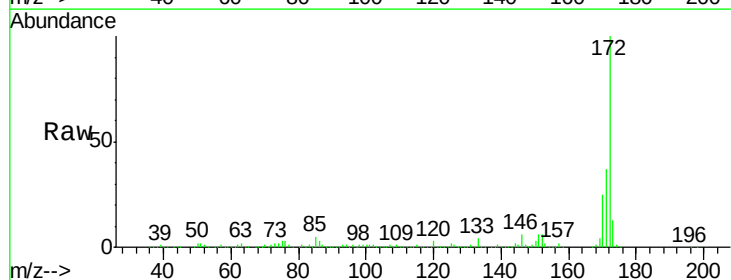
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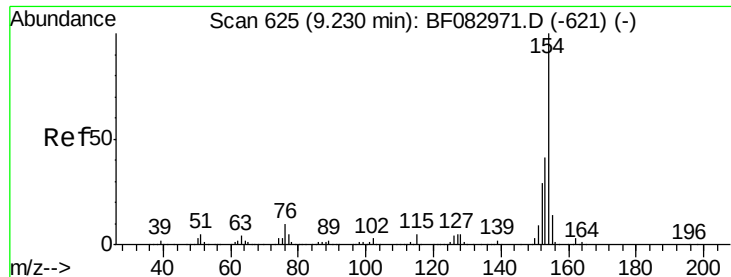
mohammad
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#44
2-Fluorobiphenyl
Concen: 96.12 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1969150		
171	36.9	30.8	46.2	
170	24.8	21.2	31.8	





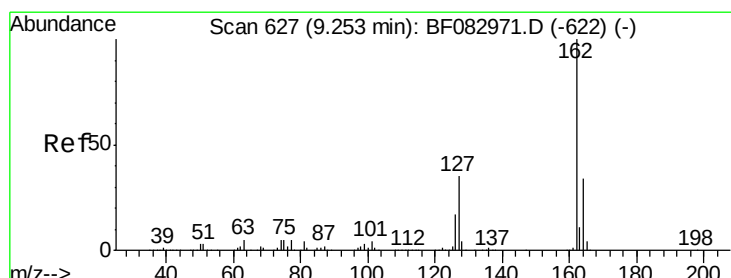
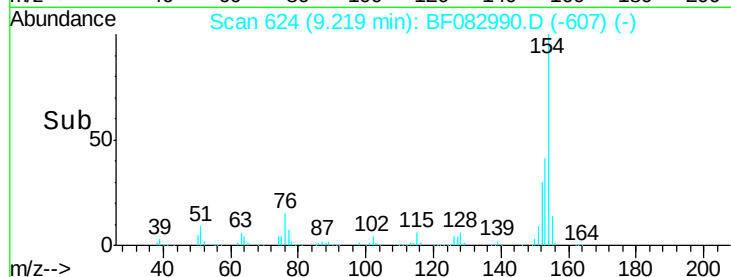
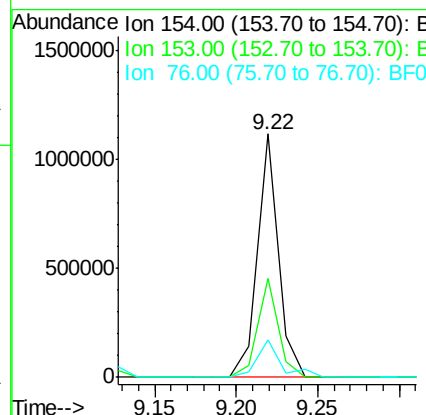
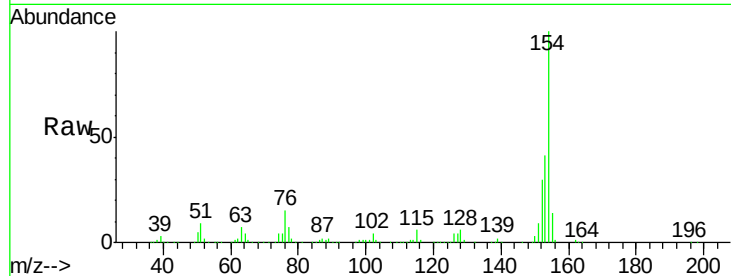
#45
 1,1'-Biphenyl
 Concen: 39.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.6	22.0	62.0
76	15.3	0.0	29.0

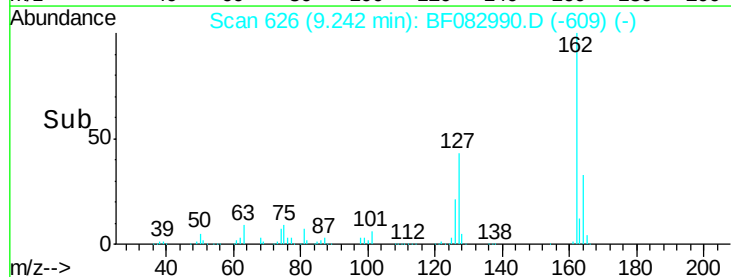
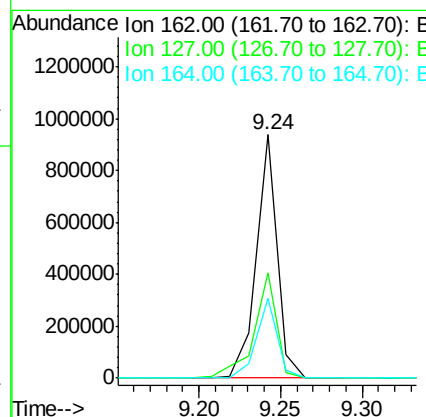
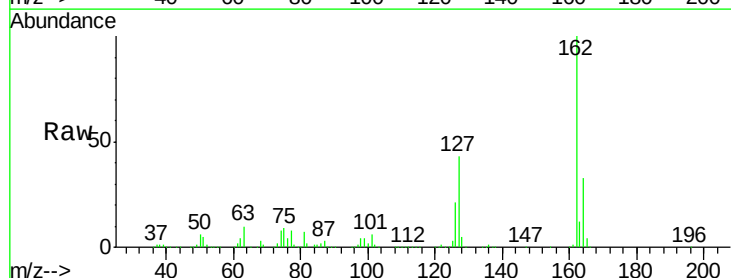
Manual Integrations
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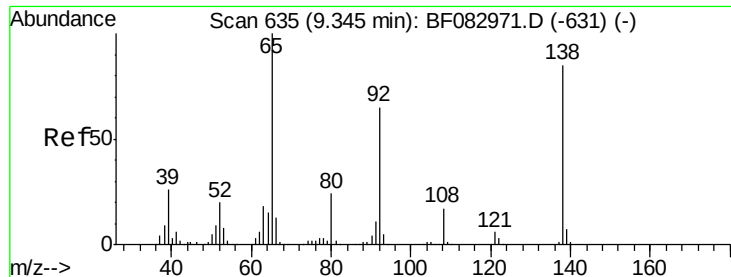
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#46
 2-Chloronaphthalene
 Concen: 42.29 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	43.2	32.7	49.1
164	33.0	27.4	41.0





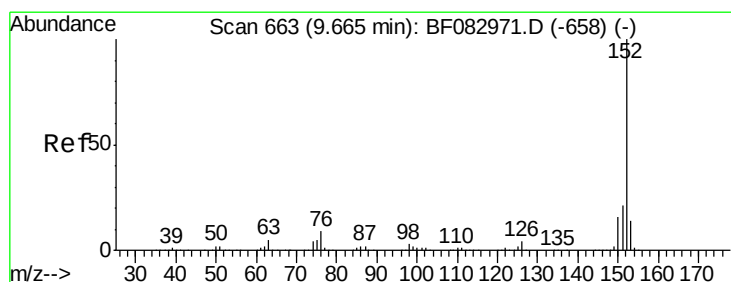
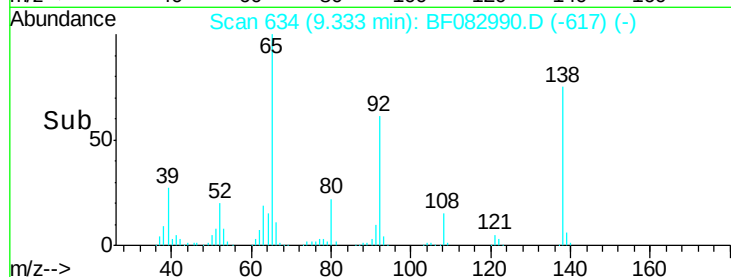
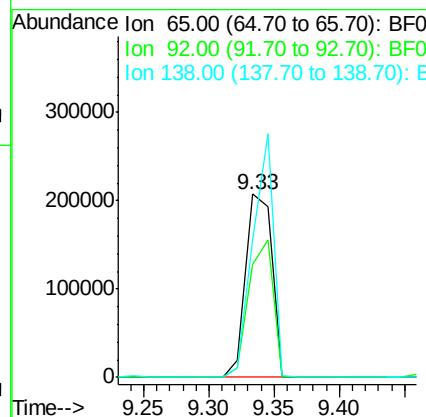
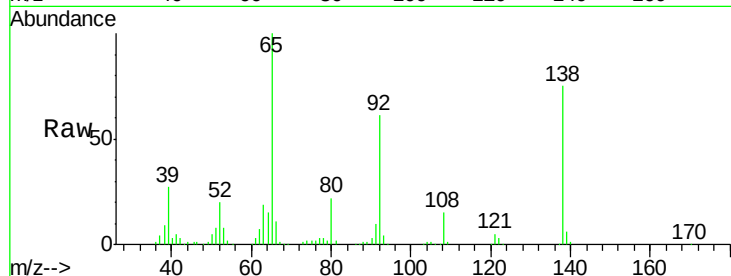
#47
2-Nitroaniline
Concen: 39.70 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	289413		
92	61.4	46.6	70.0	
138	75.2	54.6	81.8	

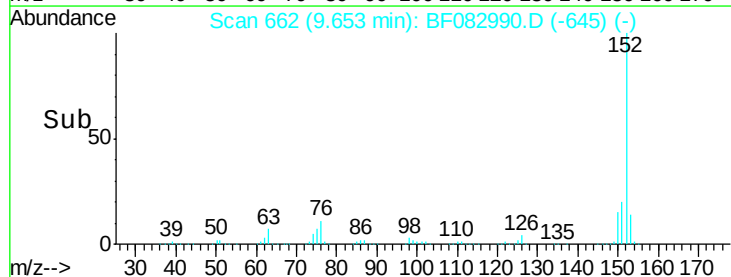
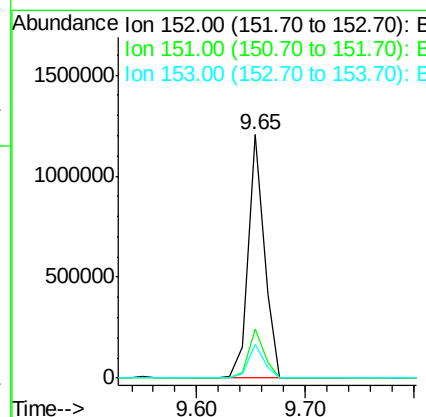
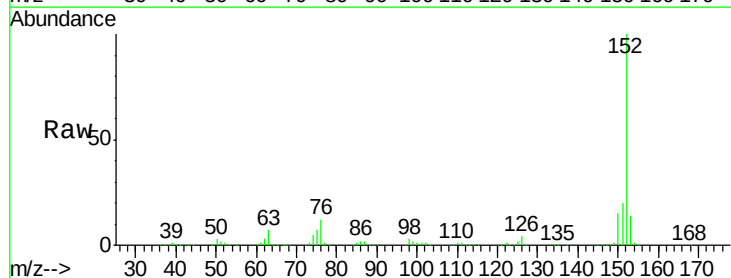
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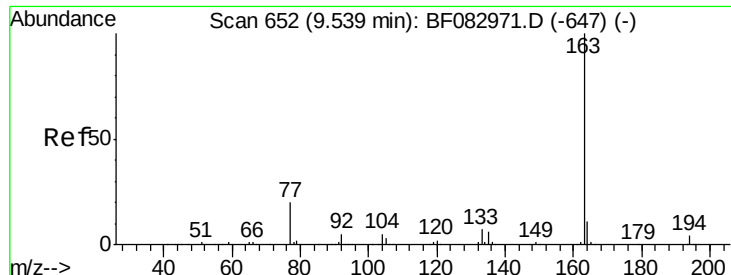
mohammad
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#48
Acenaphthylene
Concen: 39.62 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1220135		
151	20.4	17.3	25.9	
153	14.0	11.3	16.9	





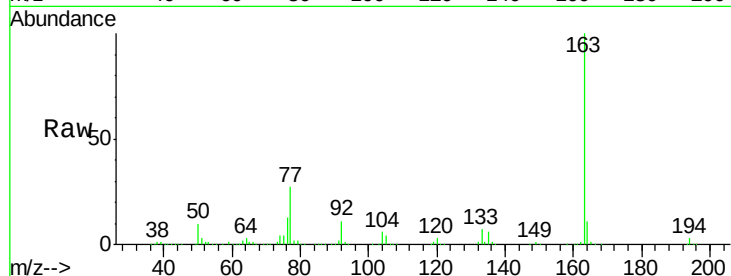
#49
Dimethylphthalate
Concen: 39.67 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

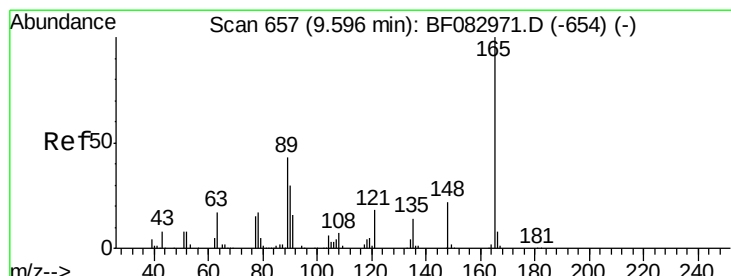
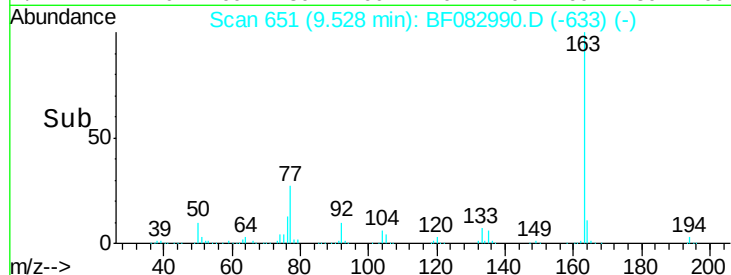
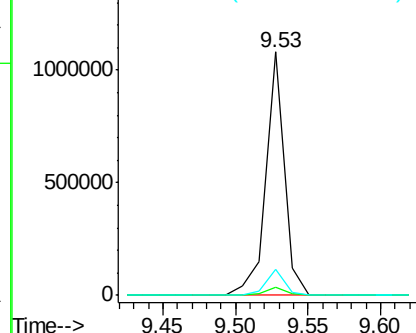
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.7	13.1

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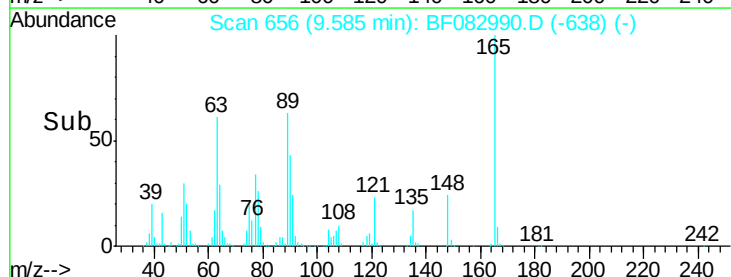
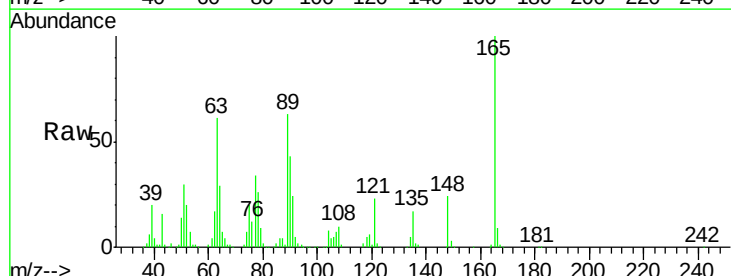
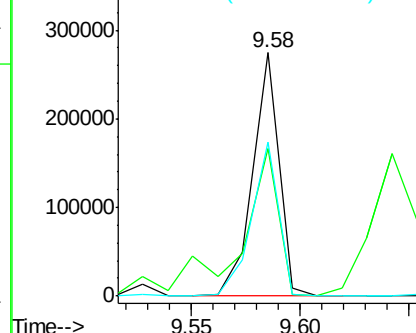
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

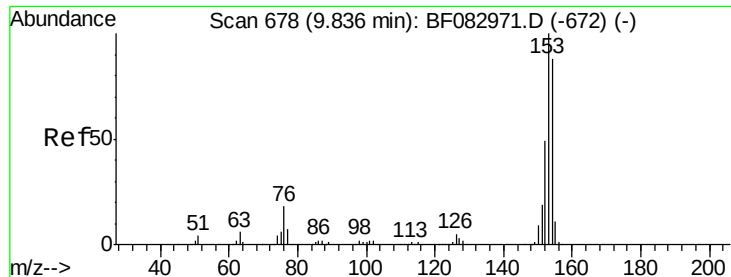


#50
2,6-Dinitrotoluene
Concen: 44.83 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.8	55.5	83.3
89	63.3	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: 45.91 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

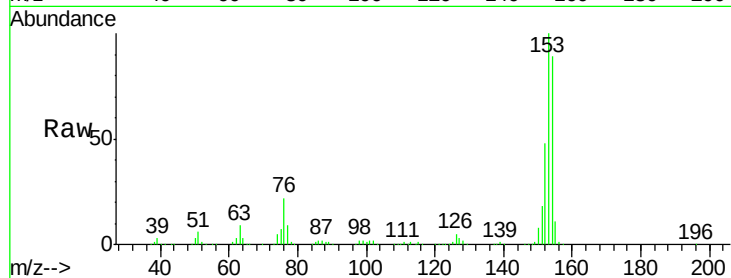
ClientSampleId :

MW-16MSD

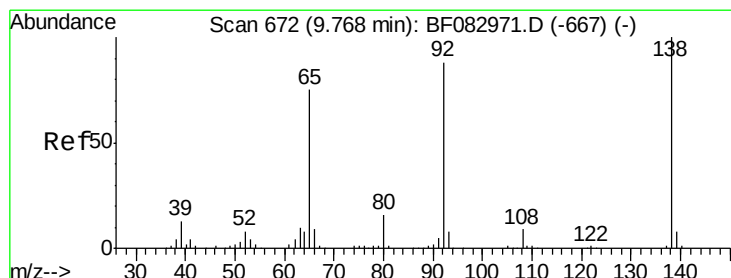
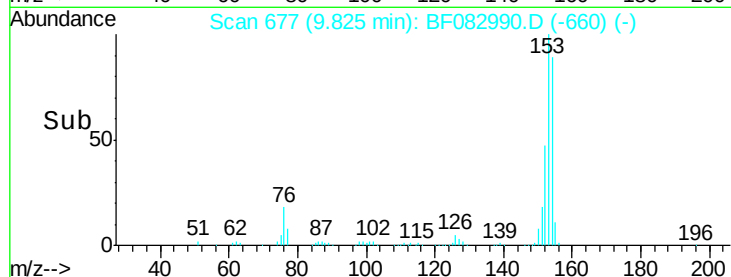
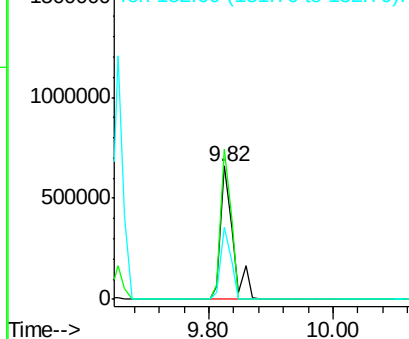
Tgt Ion:	154	Resp:	896249
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.1	135.1
152	54.1	44.3	66.5

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



#52

3-Nitroaniline

Concen: 15.45 ng

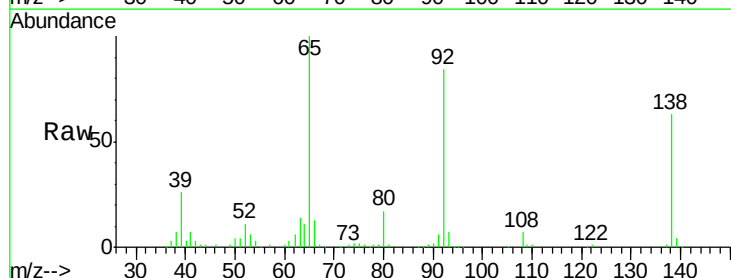
RT: 9.74 min Scan# 670

Delta R.T. -0.10 min

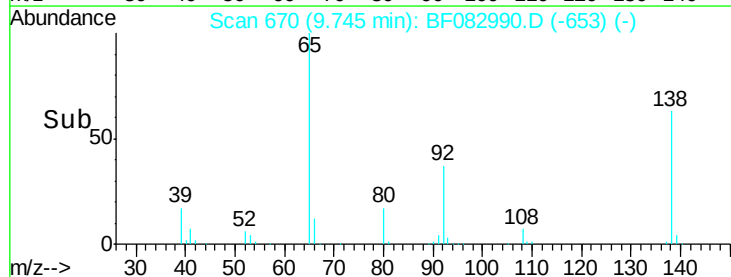
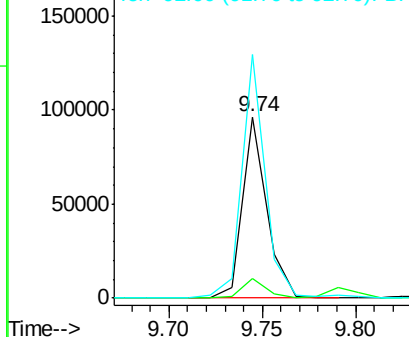
Lab File: BF082990.D

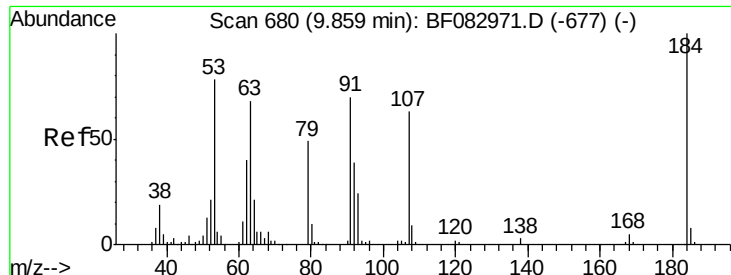
Acq: 18 Nov 2015 2:54

Tgt Ion:	138	Resp:	87210
Ion Ratio	Lower	Upper	
138	100		
108	11.2	11.3	16.9#
92	134.6	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





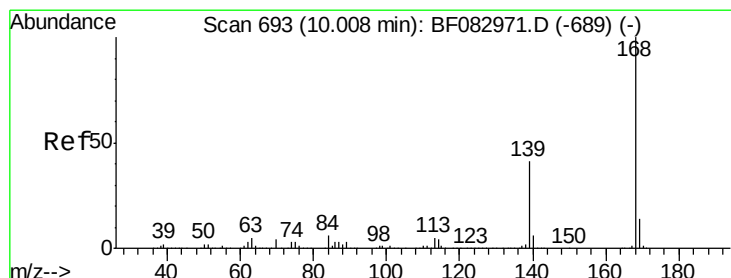
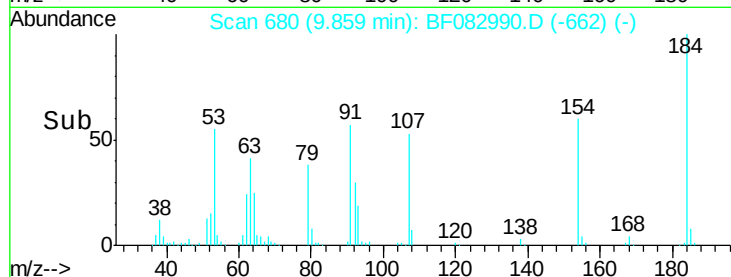
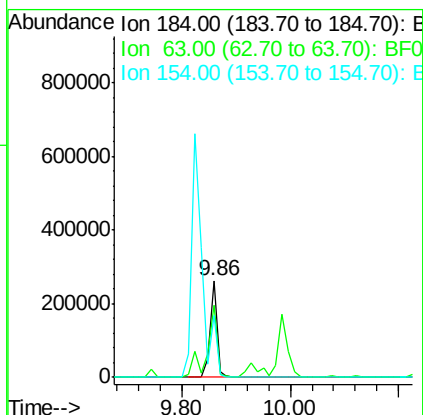
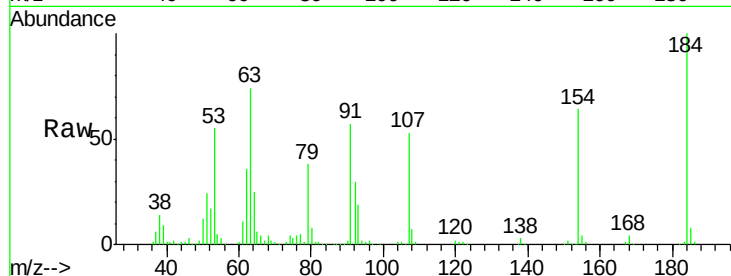
#53
2,4-Dinitrophenol
Concen: 86.07 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleID :
MW-16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	242563		
63	73.9	98.6	148.0#	
154	64.3	183.9	275.9#	

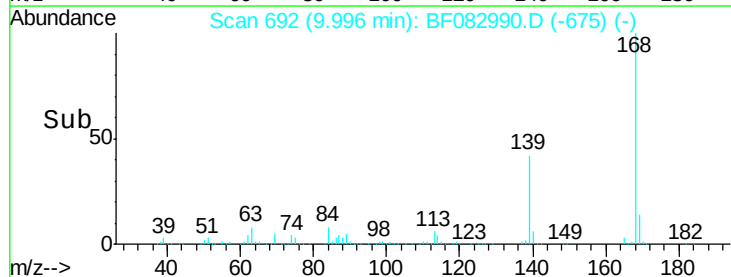
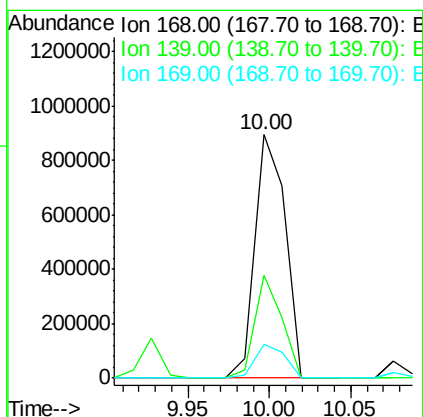
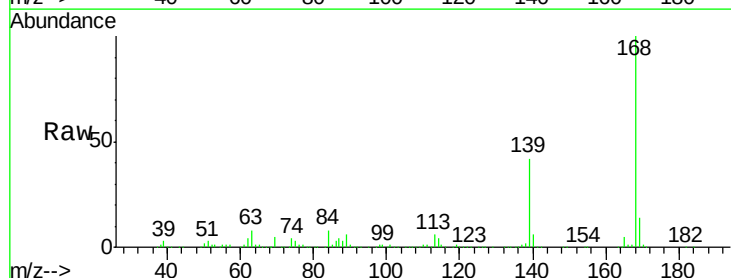
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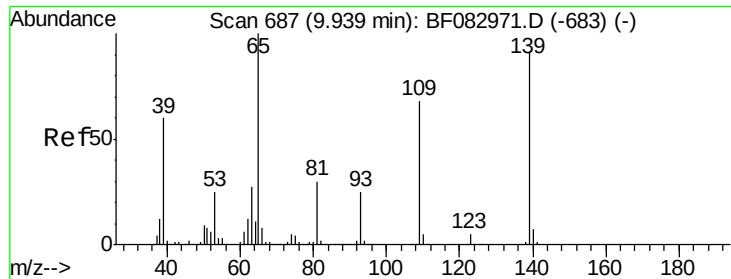
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#54
Dibenzofuran
Concen: 43.73 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1150782		
139	42.3	37.8	56.6	
169	13.7	11.3	16.9	





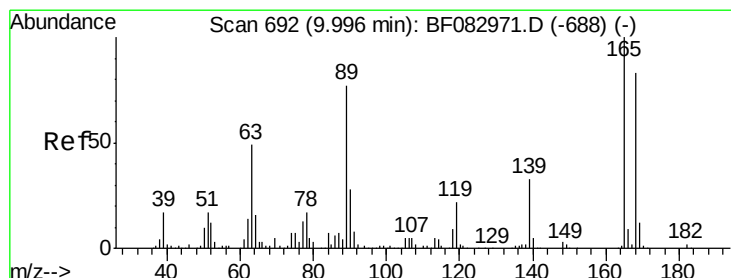
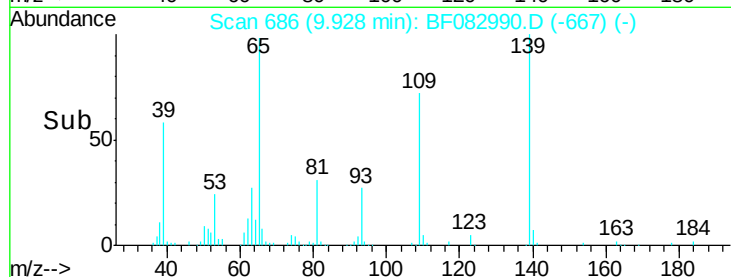
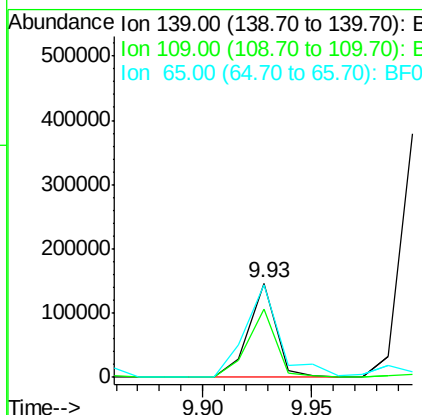
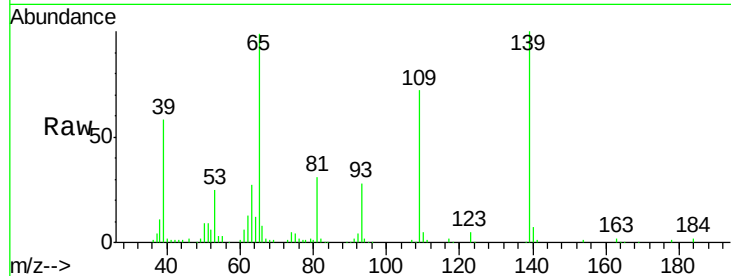
#55
4-Nitrophenol
Concen: 30.19 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130725		
109	72.0	73.7	113.7#	
65	98.7	82.9	122.9	

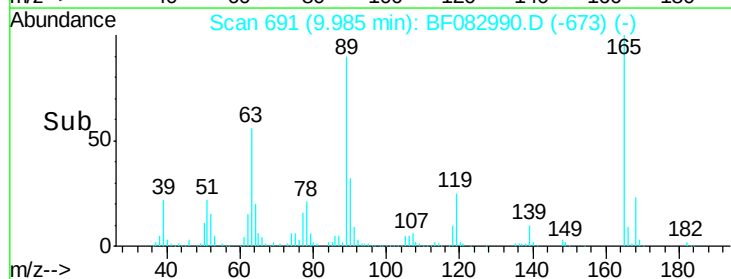
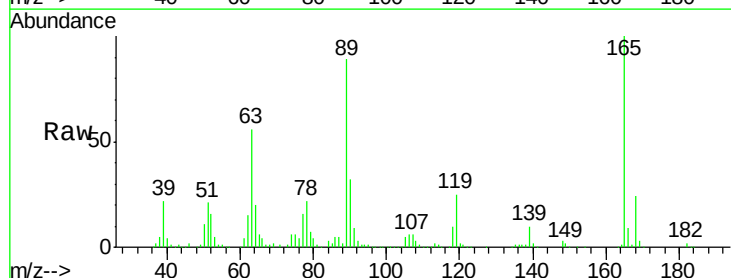
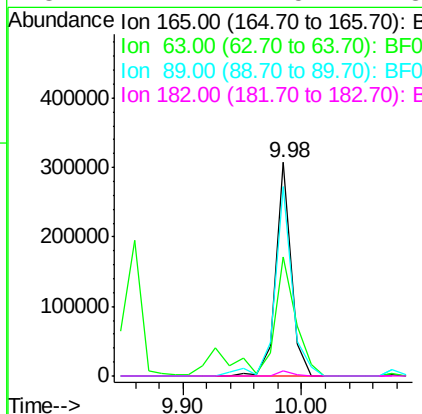
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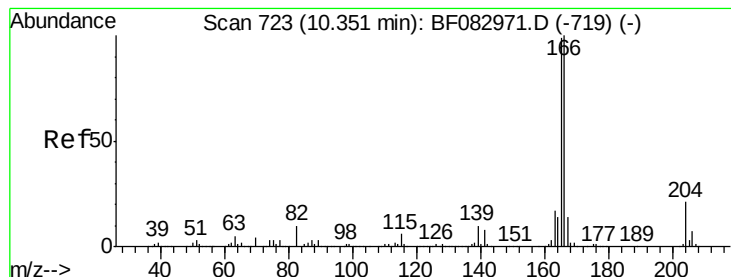
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#56
2,4-Dinitrotoluene
Concen: 39.70 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	276506		
63	55.7	43.4	65.0	
89	89.0	70.6	106.0	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 39.56 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082990.D

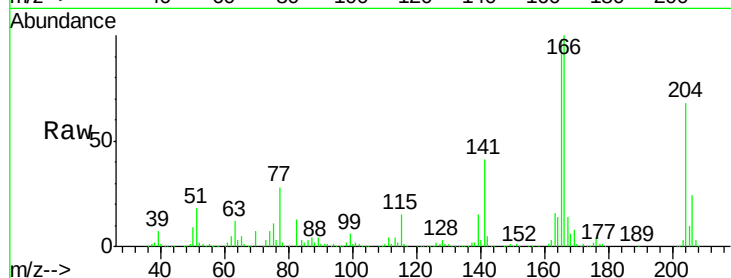
Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

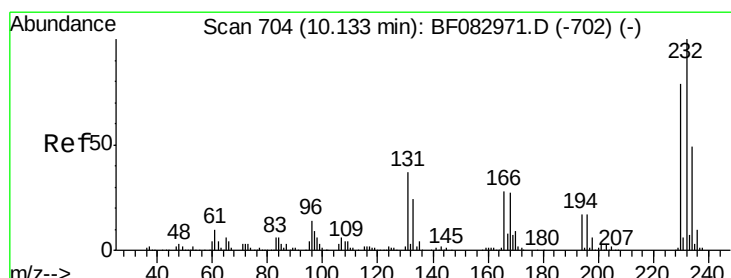
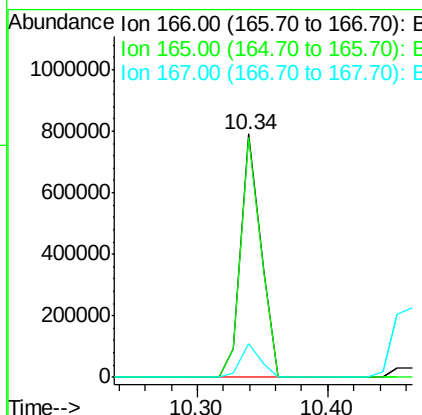
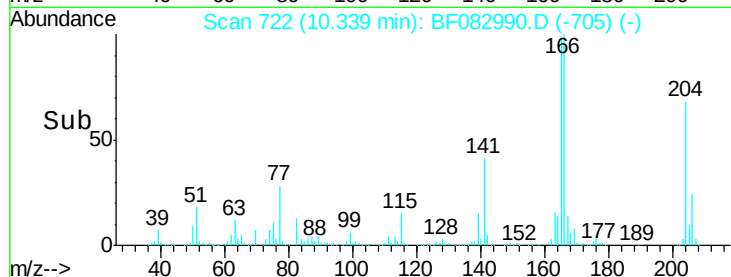
MW-16MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	843234		
165	98.4	80.2	120.4	
167	14.0	11.2	16.8	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.67 ng

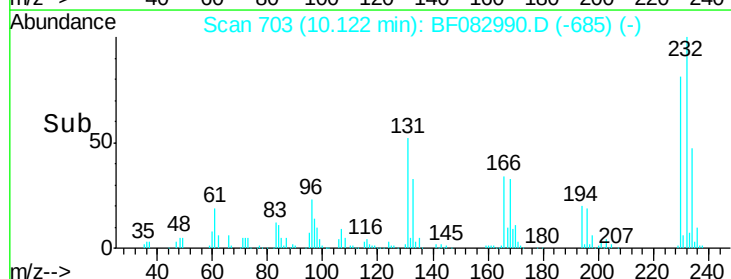
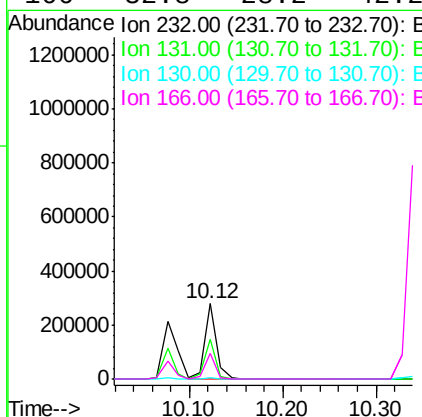
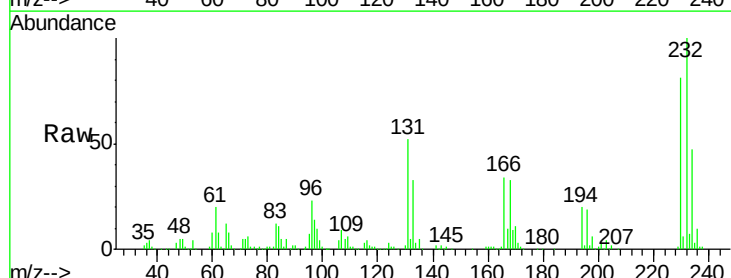
RT: 10.12 min Scan# 703

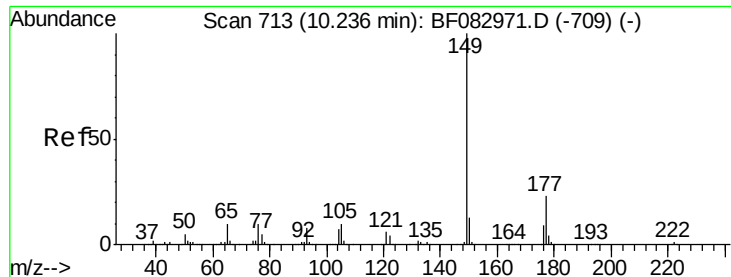
Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	242238		
131	49.3	46.2	69.2	
130	2.3	2.4	3.6#	
166	32.8	28.2	42.2	





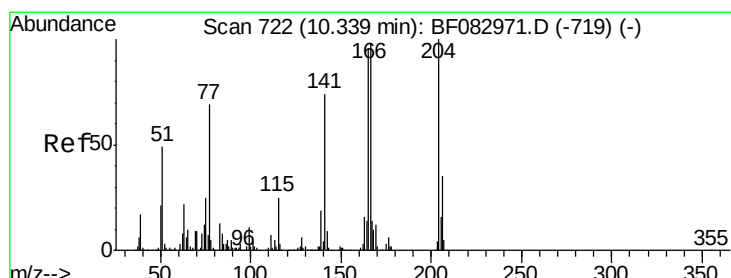
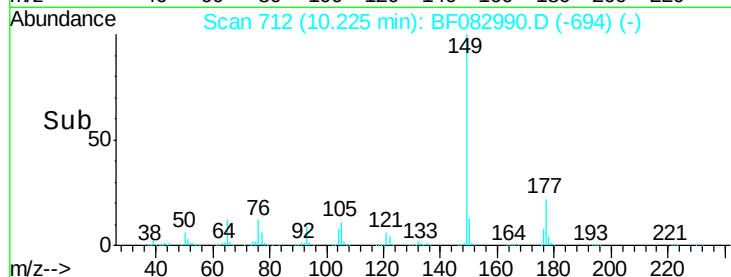
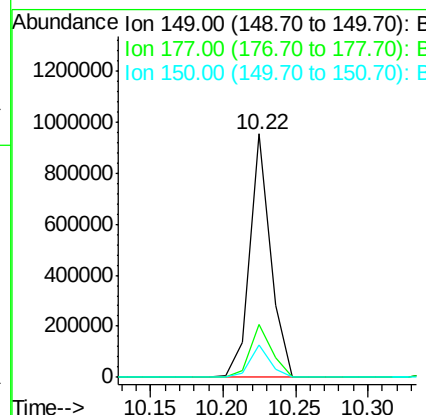
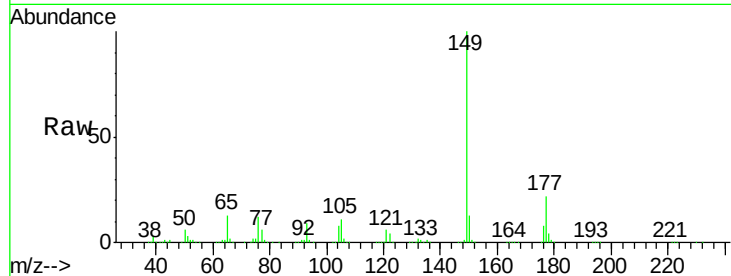
#59
Diethylphthalate
Concen: 40.37 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.5	17.9	26.9
150	13.2	10.1	15.1

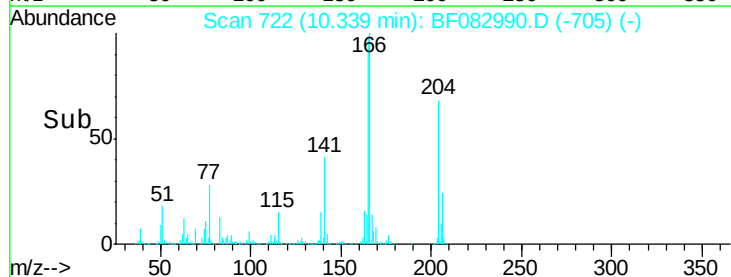
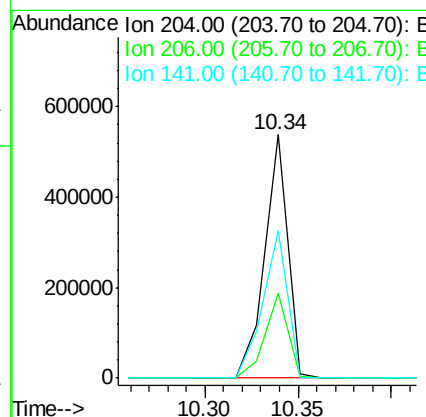
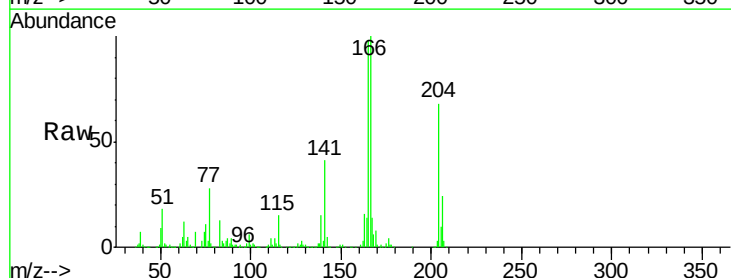
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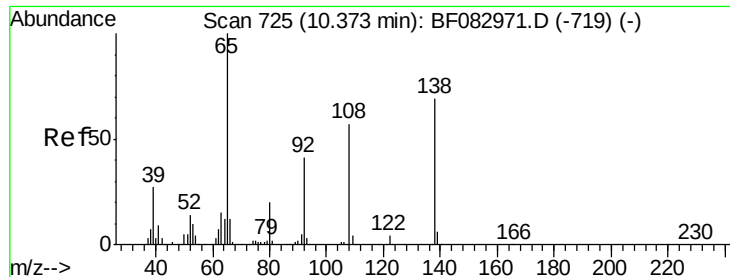
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#60
4-Chlorophenyl-phenylether
Concen: 42.91 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.9	28.5	42.7
141	60.4	44.6	66.8





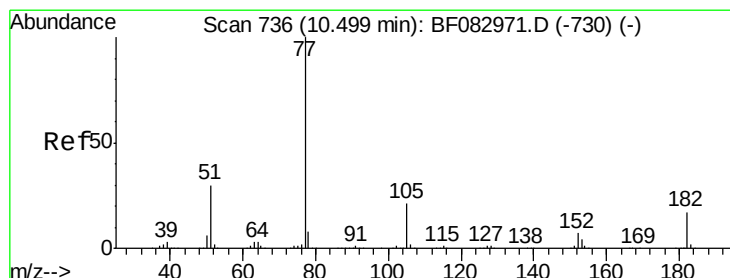
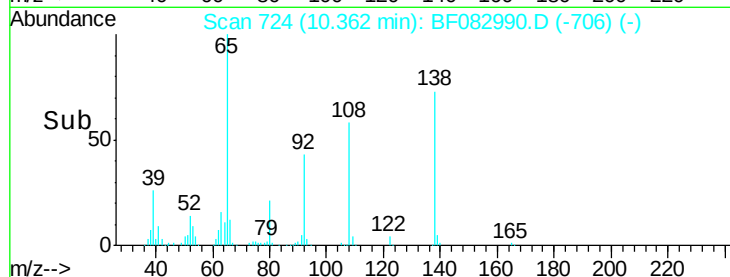
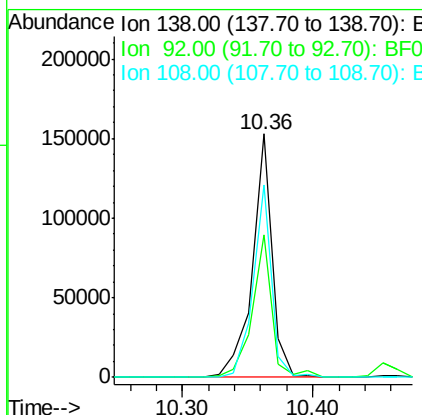
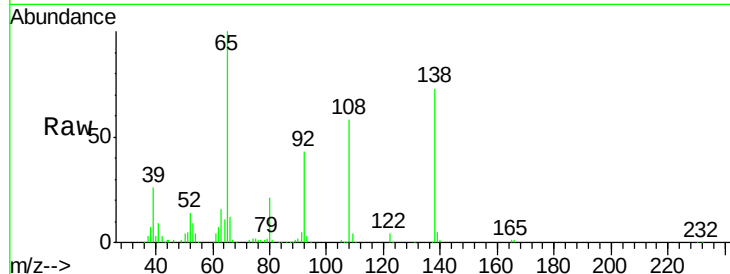
#61
4-Nitroaniline
Concen: 28.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	45.8	85.8
108	79.1	89.4	129.4

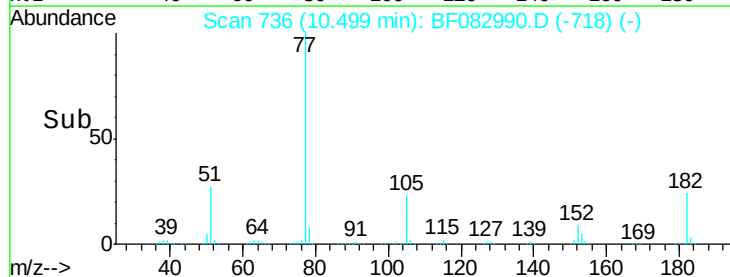
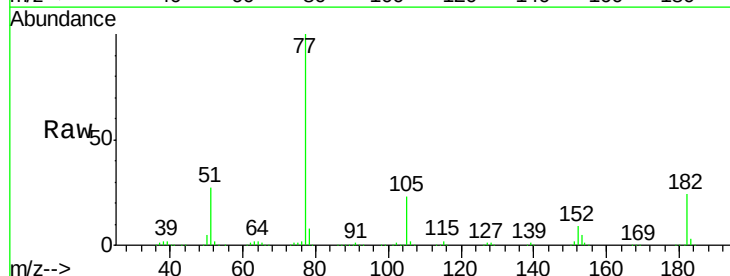
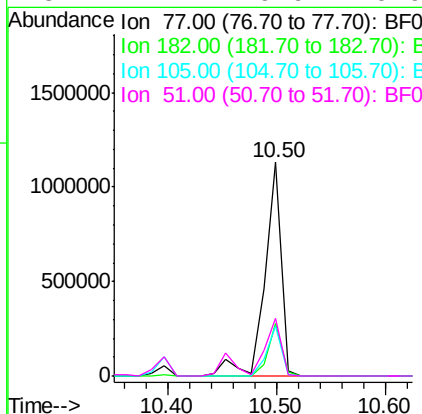
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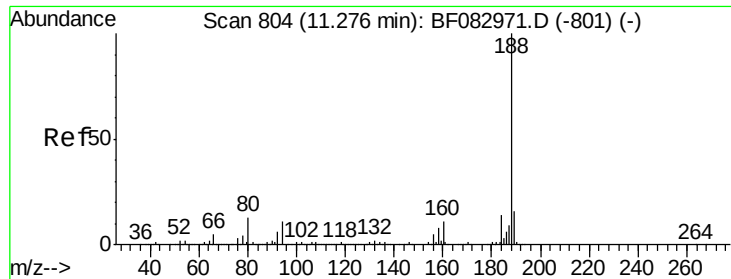
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#62
Azobenzene
Concen: 48.39 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	9.3	49.3
105	23.4	2.6	42.6
51	27.2	9.9	49.9





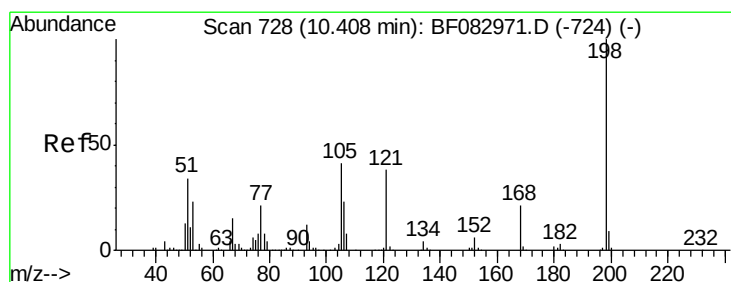
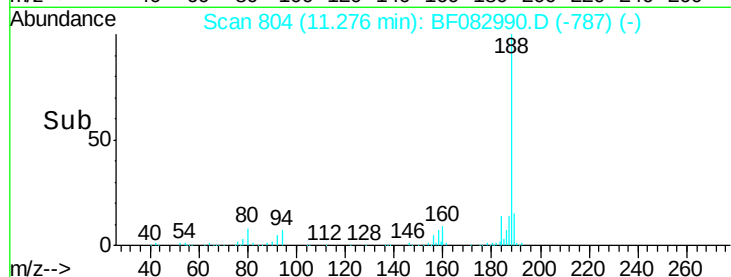
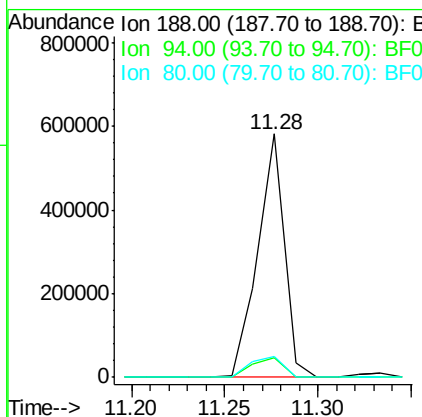
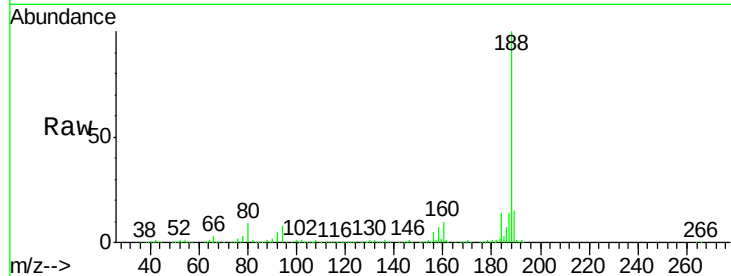
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	6.1	9.1
80	8.6	7.0	10.6

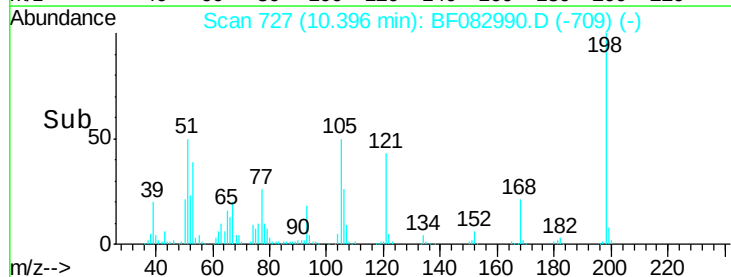
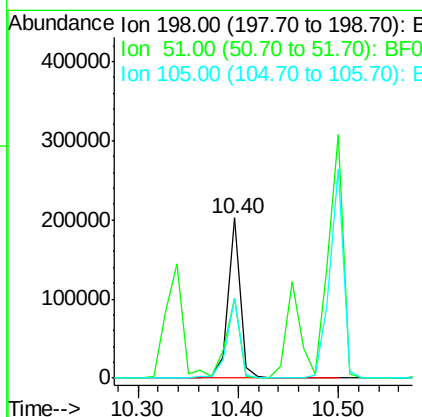
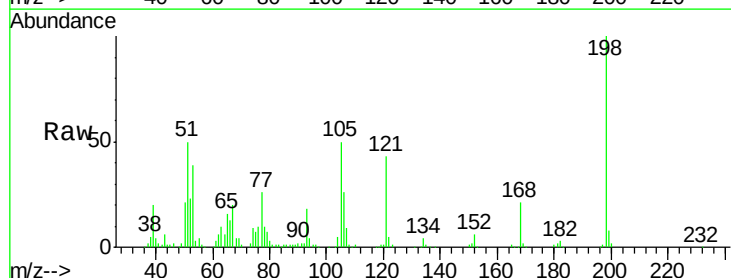
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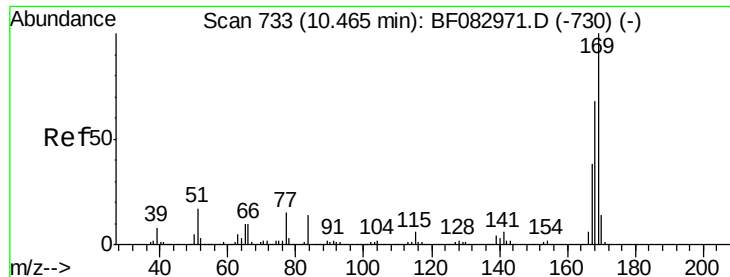
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.99 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.0	17.3	57.3
105	49.7	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 40.23 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

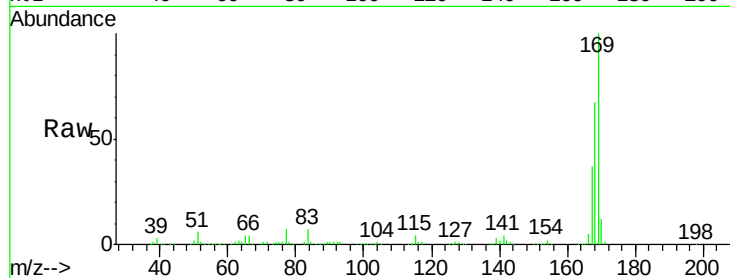
ClientSampleId :

MW-16MSD

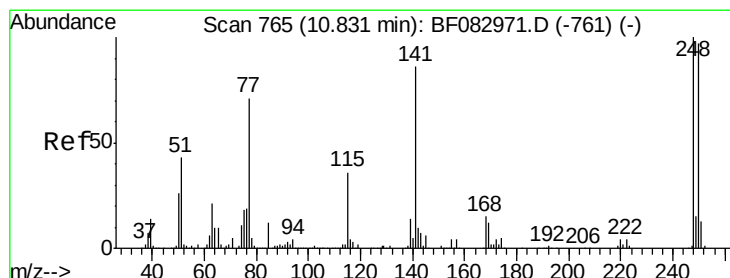
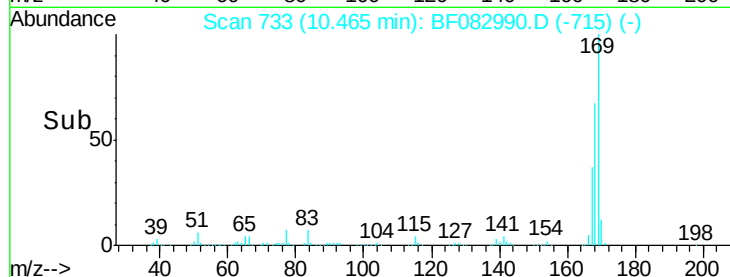
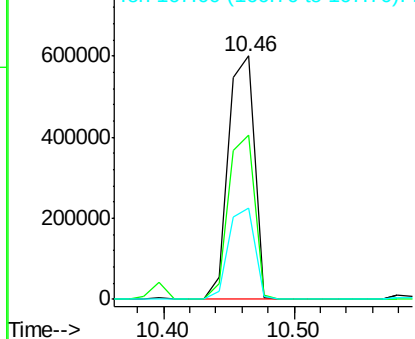
Tgt Ion:	169	Resp:	828950
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.0	82.6
167	37.3	30.5	45.7

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



#66

4-Bromophenyl-phenylether

Concen: 41.59 ng

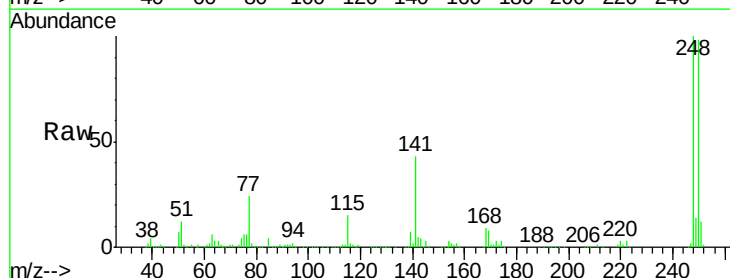
RT: 10.83 min Scan# 765

Delta R.T. -0.09 min

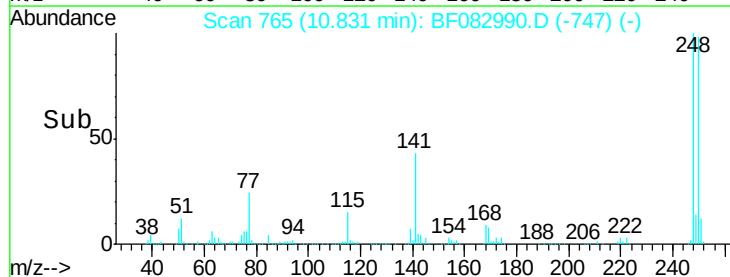
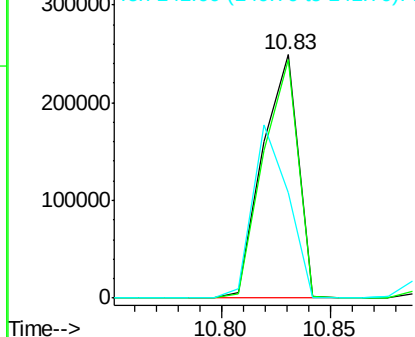
Lab File: BF082990.D

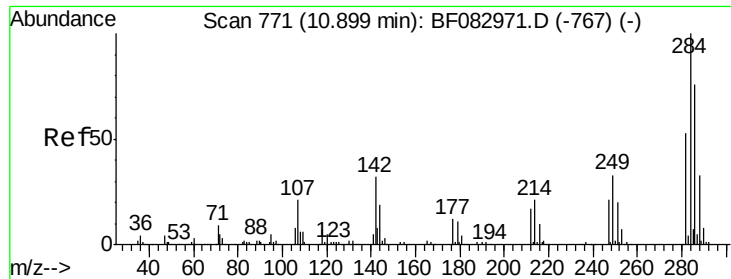
Acq: 18 Nov 2015 2:54

Tgt Ion:	248	Resp:	285604
Ion Ratio	Lower	Upper	
248	100		
250	97.9	79.4	119.2
141	43.5	36.3	54.5



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





#67

Hexachlorobenzene

Concen: 38.76 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

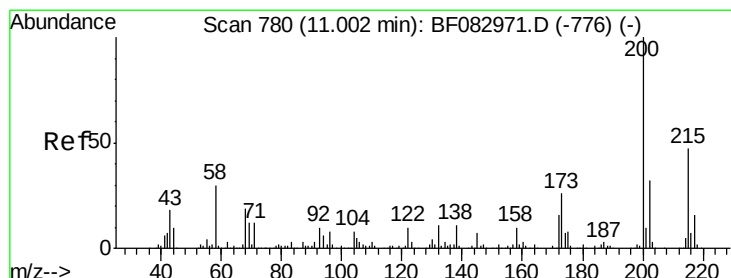
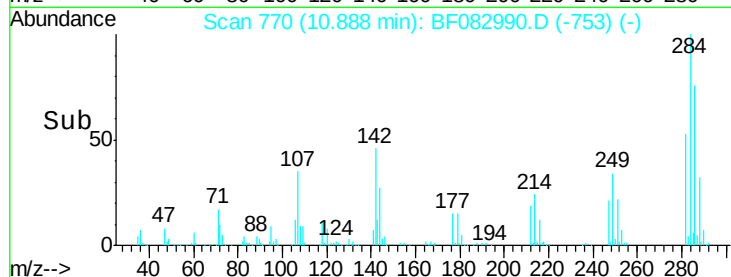
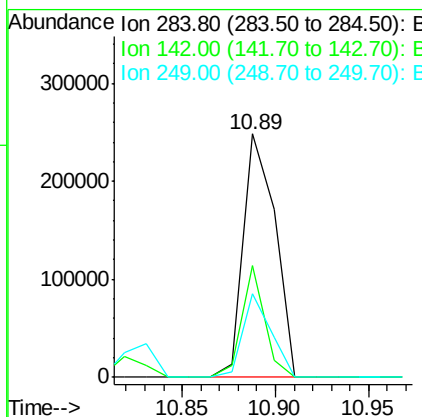
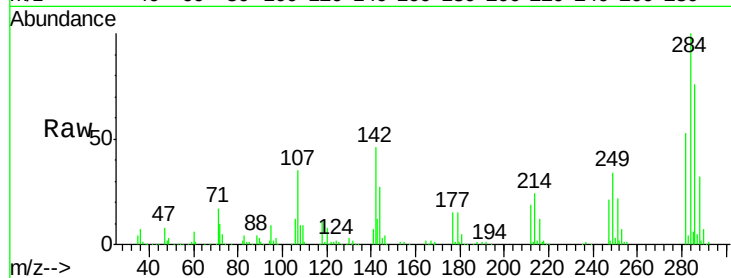
ClientSampleId :

MW-16MSD

Tgt Ion:	284	Resp:	297202
Ion Ratio	Lower	Upper	
284	100		
142	46.2	47.9	71.9#
249	34.3	29.7	44.5

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#68

Atrazine

Concen: 41.60 ng

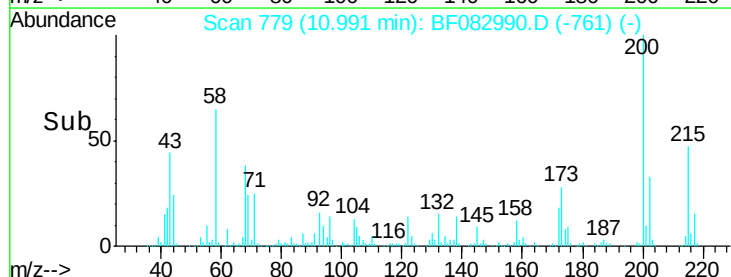
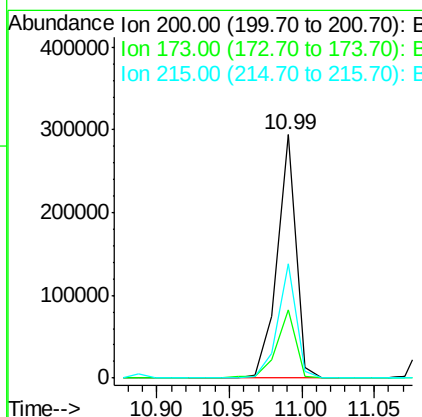
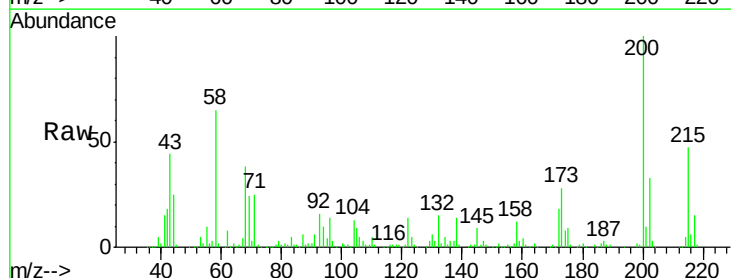
RT: 10.99 min Scan# 779

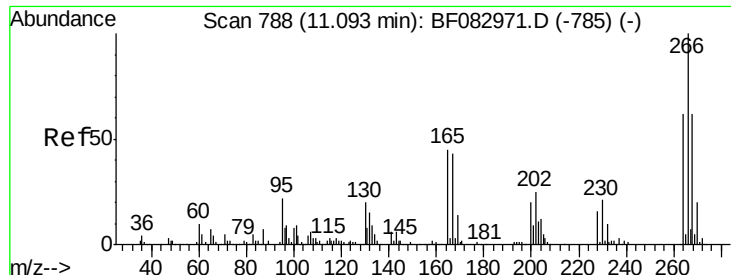
Delta R.T. -0.09 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	200	Resp:	265074
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.9	46.9
215	47.0	22.9	62.9





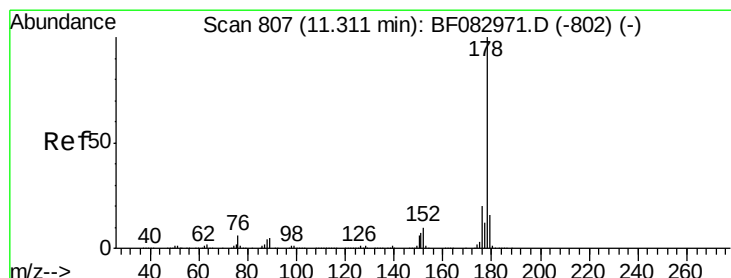
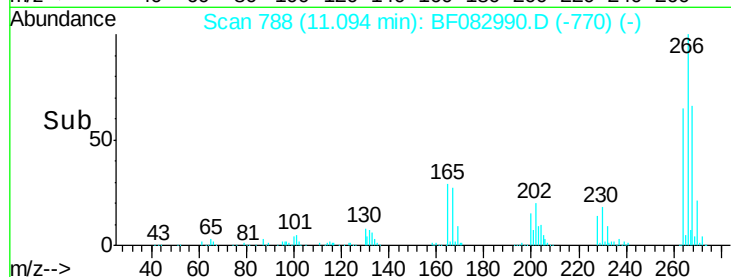
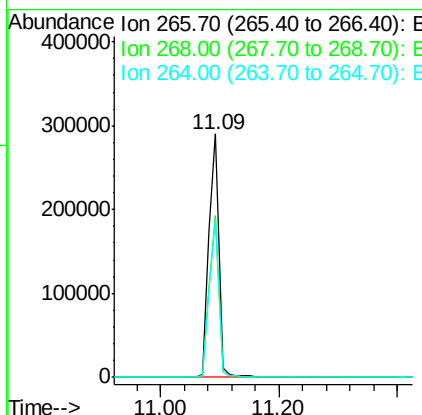
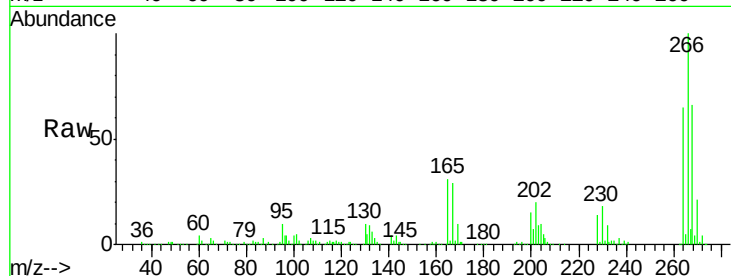
#69
 Pentachlorophenol
 Concen: 73.30 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	341314		
268	66.2	51.0	76.6	
264	64.6	50.6	75.8	

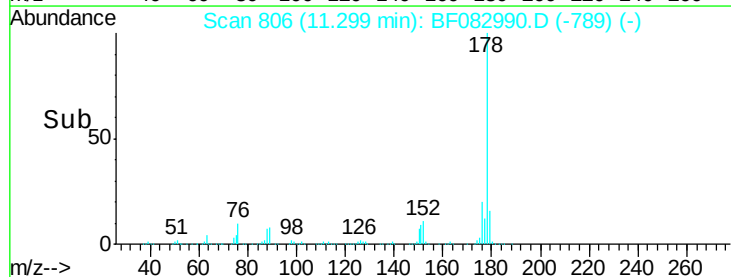
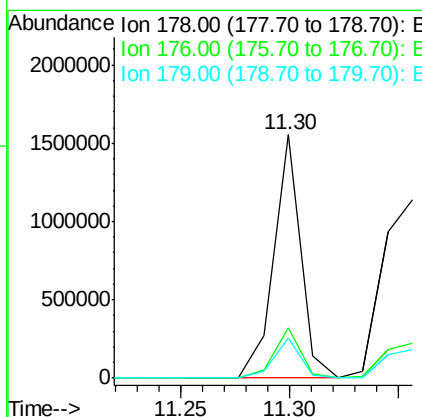
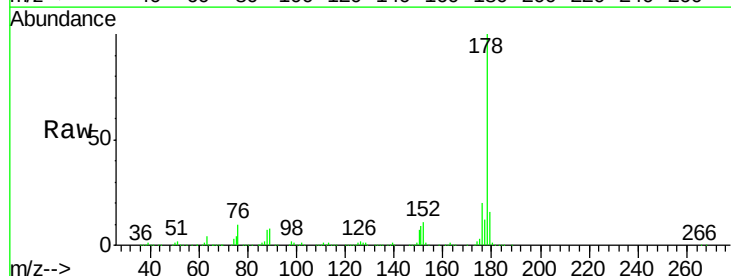
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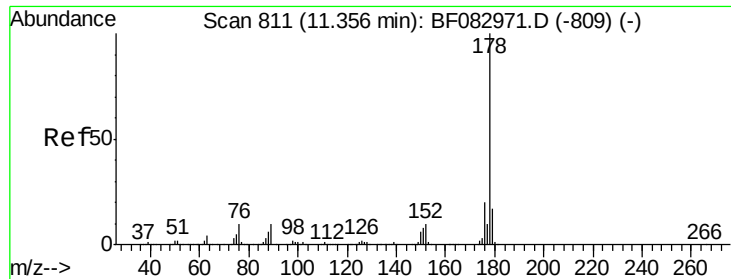
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#70
 Phenanthrene
 Concen: 40.94 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1356086		
176	20.5	17.0	25.4	
179	16.5	13.4	20.0	





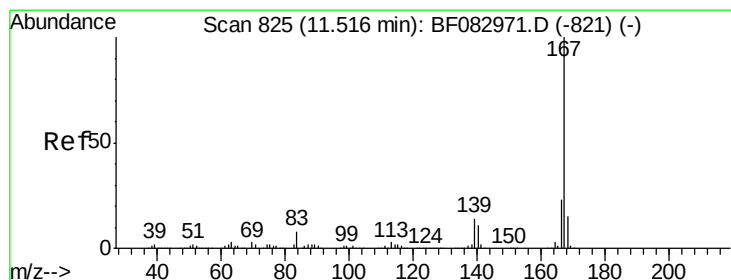
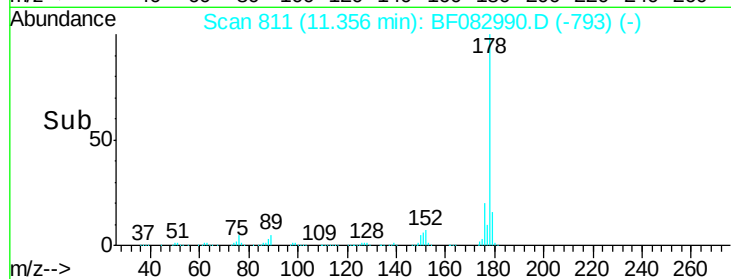
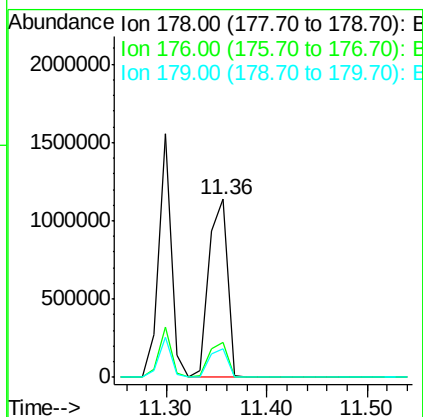
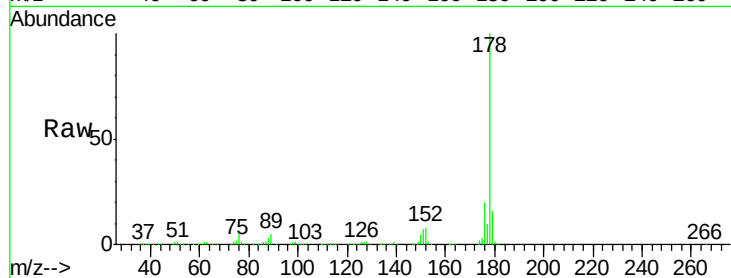
#71
 Anthracene
 Concen: 41.81 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.5	24.7
179	15.7	13.2	19.8

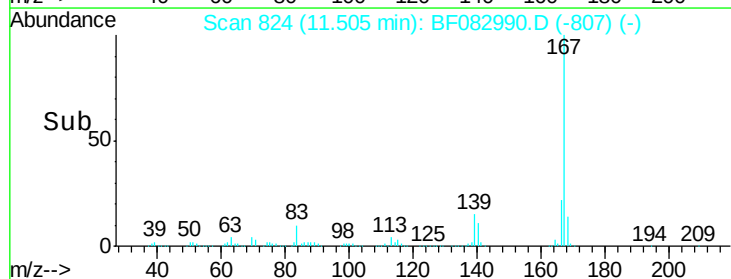
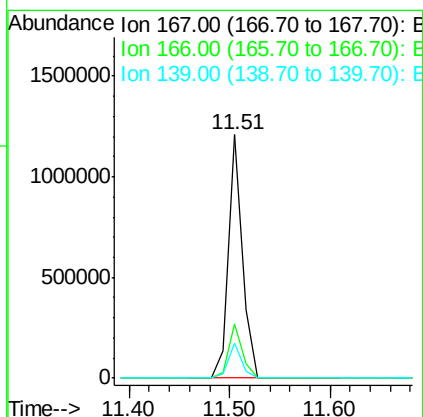
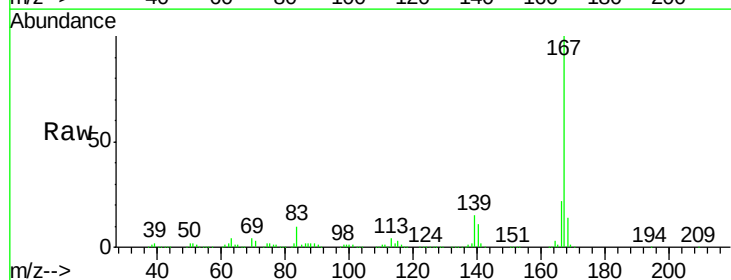
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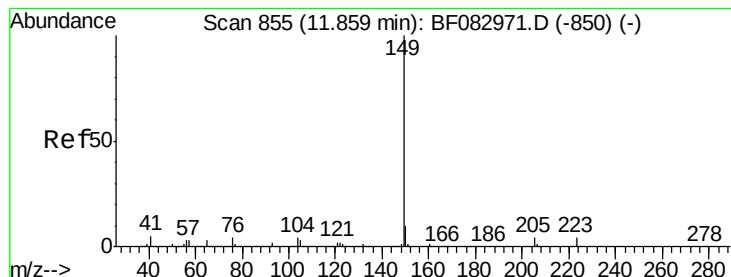
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#72
 Carbazole
 Concen: 38.24 ng
 RT: 11.51 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.7	28.1
139	14.6	11.8	17.6





#73

Di-n-butylphthalate

Concen: 39.93 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

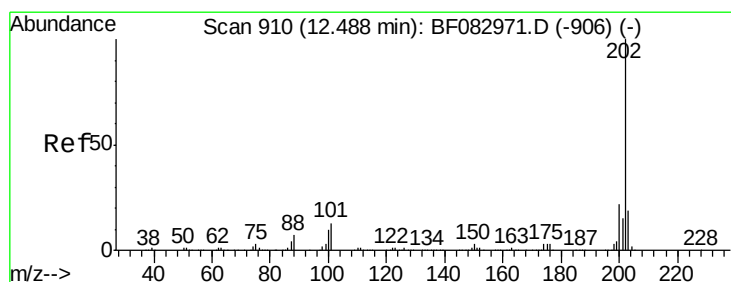
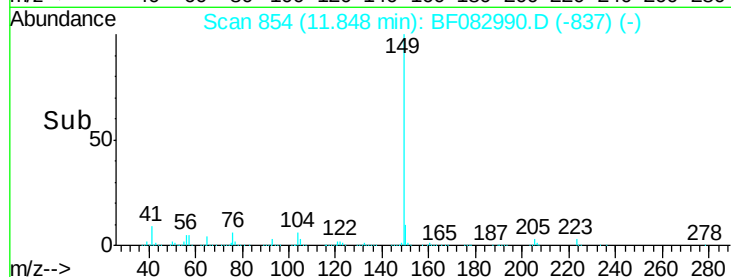
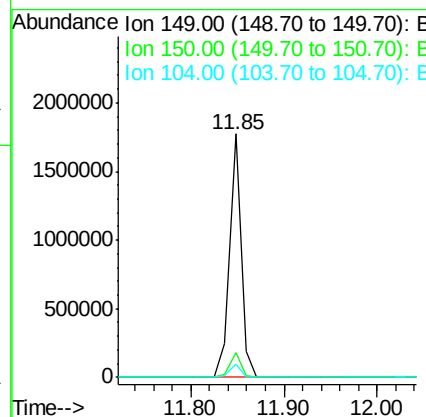
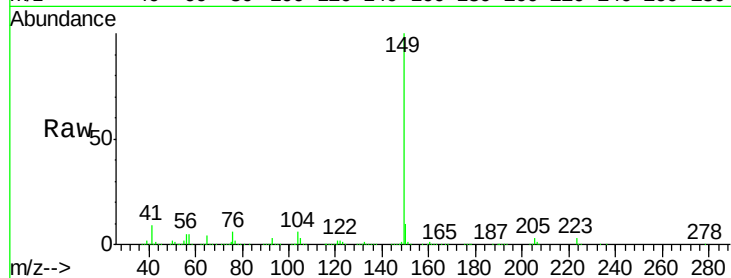
ClientSampleId :

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Tgt Ion:	149	Resp:	1519317
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.6	5.2	7.8



#74

Fluoranthene

Concen: 43.57 ng

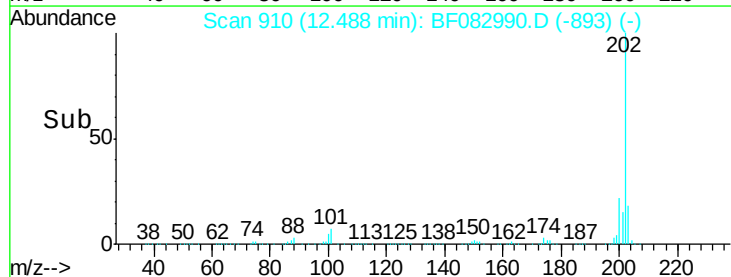
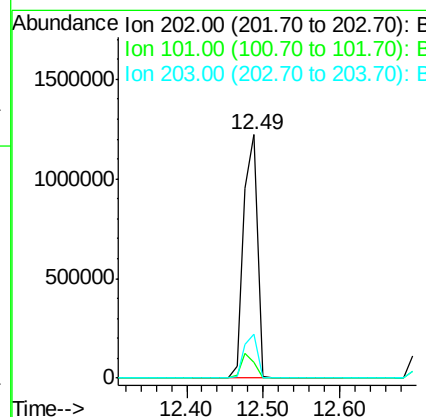
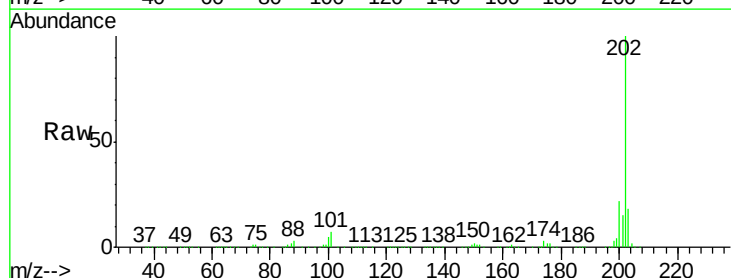
RT: 12.49 min Scan# 910

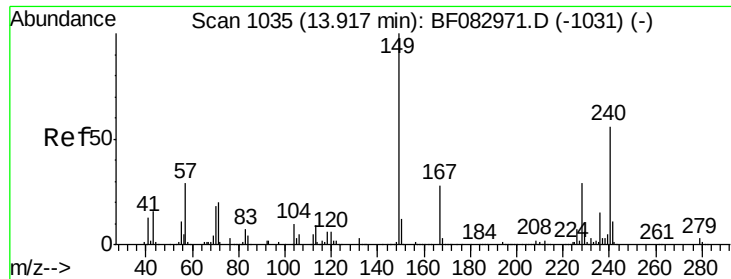
Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	202	Resp:	1548510
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	30.5
203	18.3	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: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

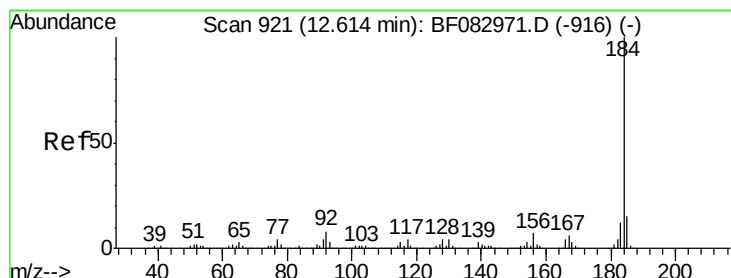
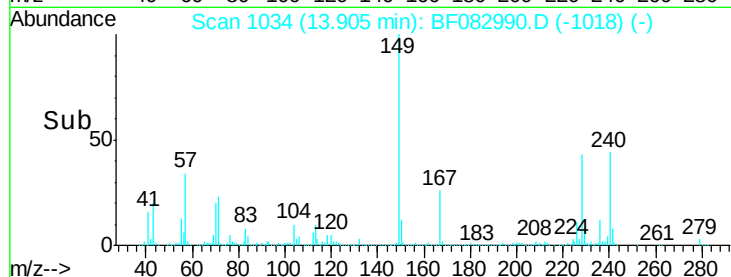
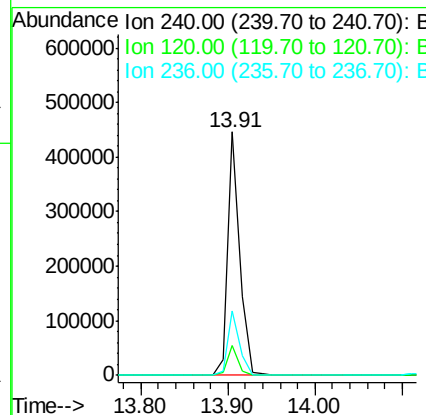
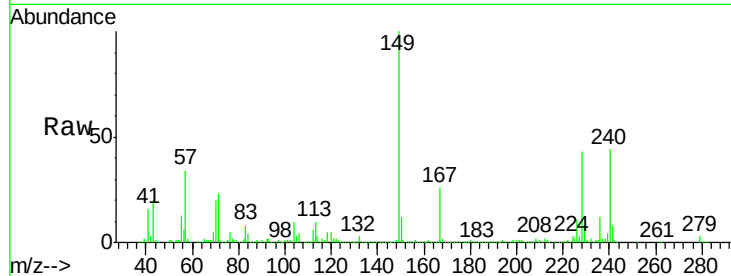
ClientSampleId :

MW-16MSD

Tgt Ion:	240	Resp:	432635
Ion Ratio	Lower	Upper	
240	100		
120	12.2	10.9	16.3
236	26.4	21.6	32.4

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#76

Benzidine

Concen: 19.24 ng

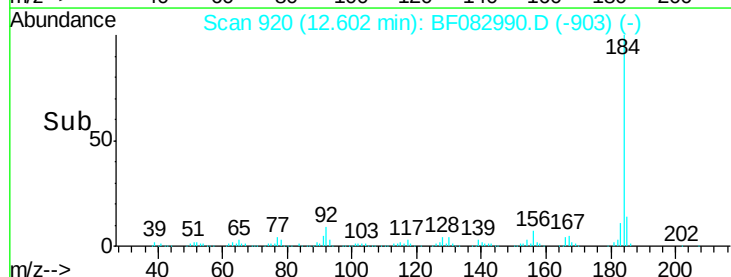
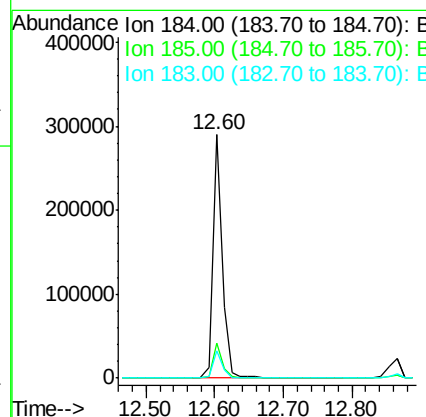
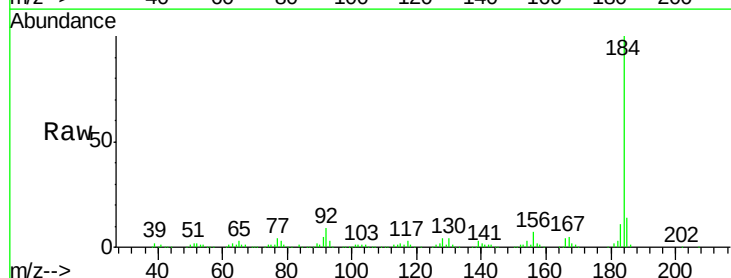
RT: 12.60 min Scan# 920

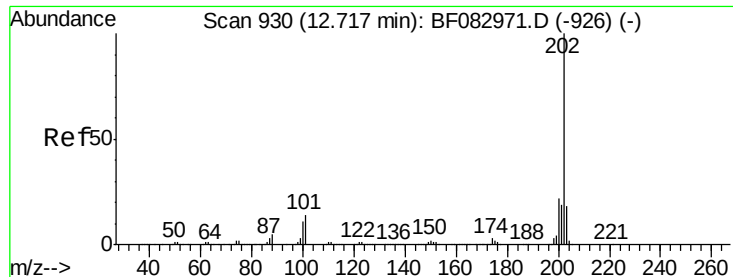
Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	184	Resp:	279039
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.1	9.6	14.4





#77

Pyrene

Concen: 49.46 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.11 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-16MSD

Tgt Ion:202 Resp: 1469569

Ion Ratio Lower Upper

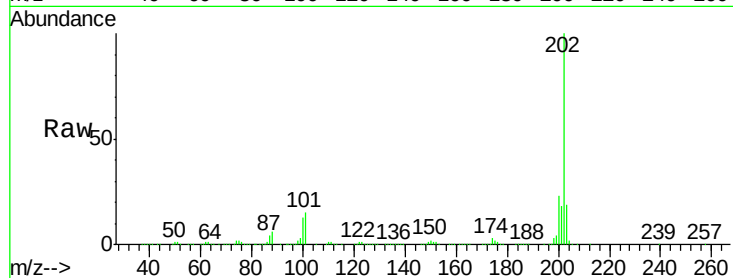
202 100

200 22.6 18.7 28.1

203 18.6 14.8 22.2

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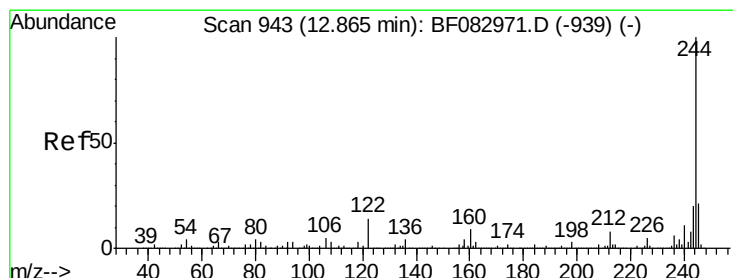
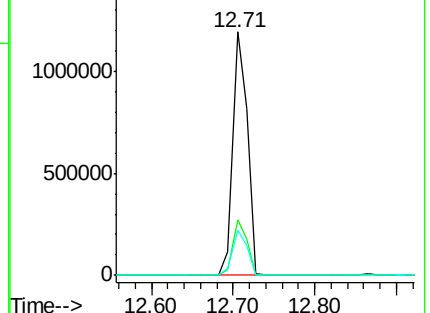
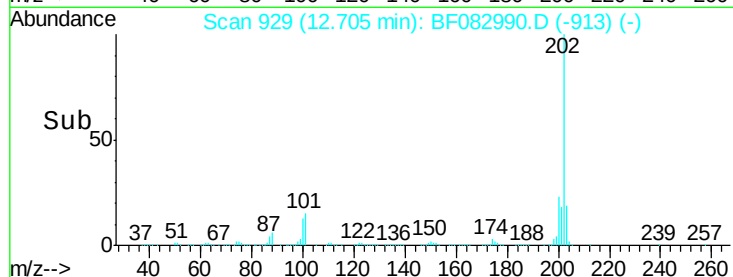
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.91 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

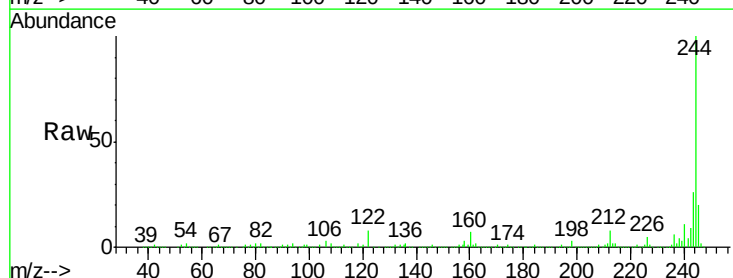
Tgt Ion:244 Resp: 1950069

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

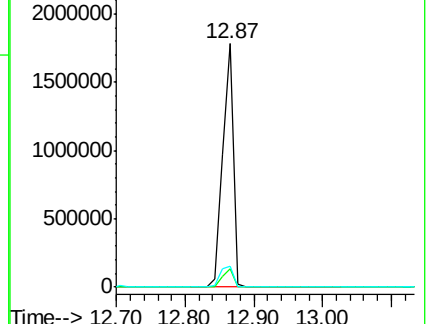
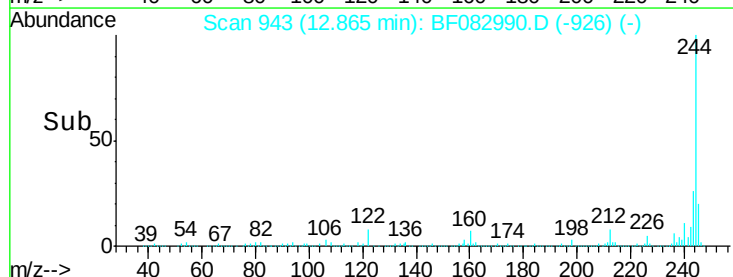
122 8.4 11.3 16.9#

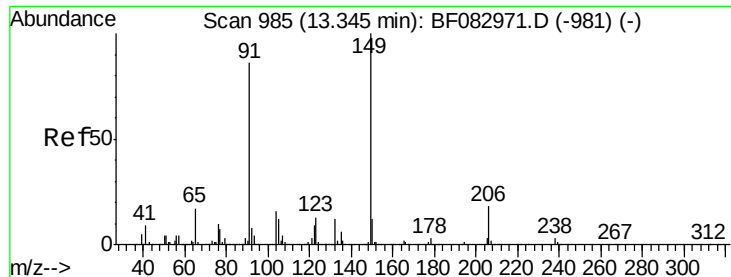


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.95 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082990.D

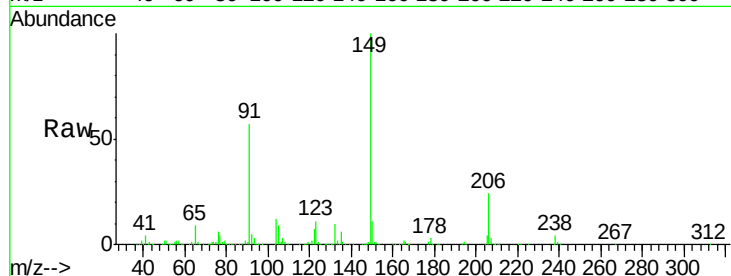
Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-16MSD



Tgt Ion:149 Resp: 721208

Ion Ratio Lower Upper

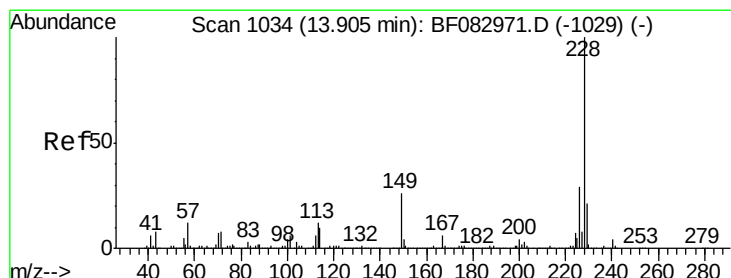
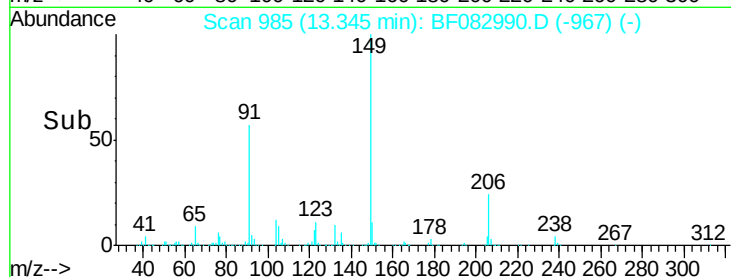
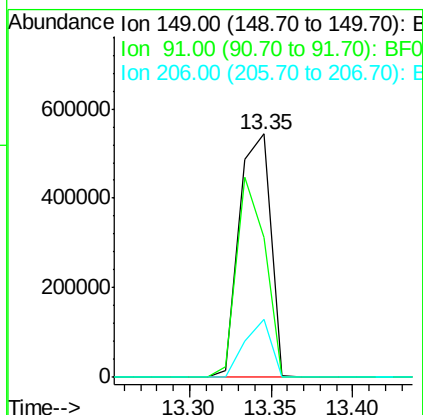
149 100

91 57.4 67.7 101.5#

206 23.9 14.6 22.0#

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#80

Benzo(a)anthracene

Concen: 47.07 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

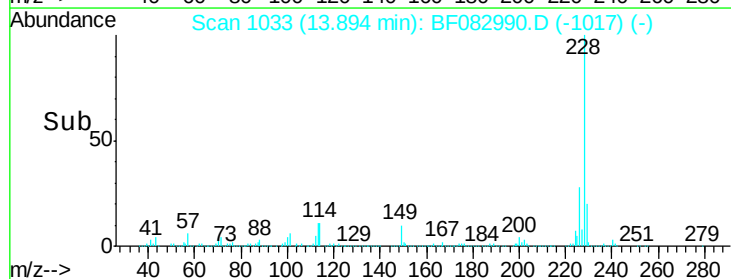
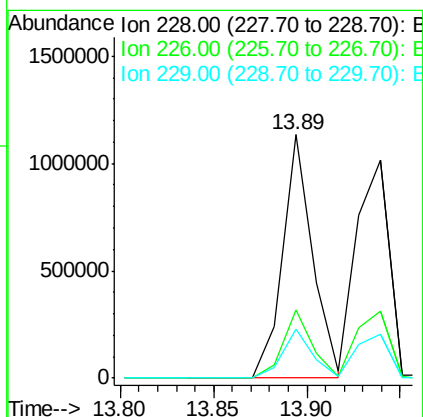
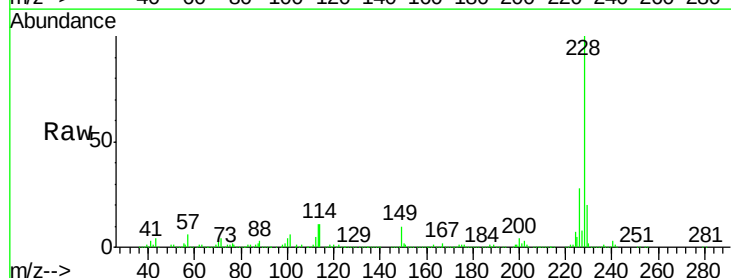
Tgt Ion:228 Resp: 1273498

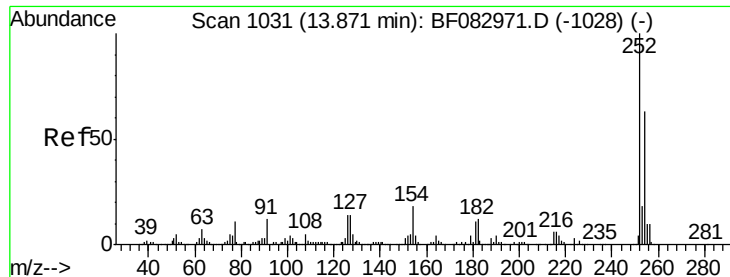
Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.2

229 20.4 16.3 24.5





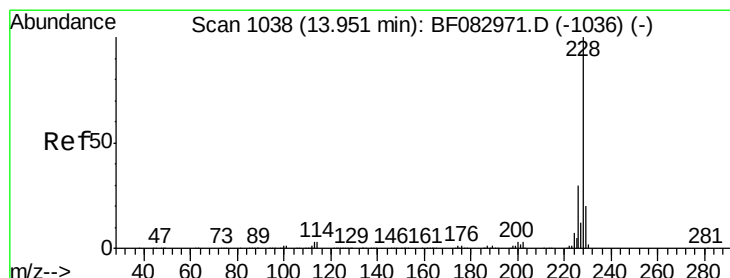
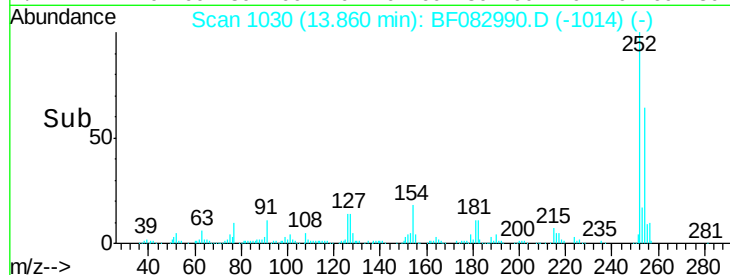
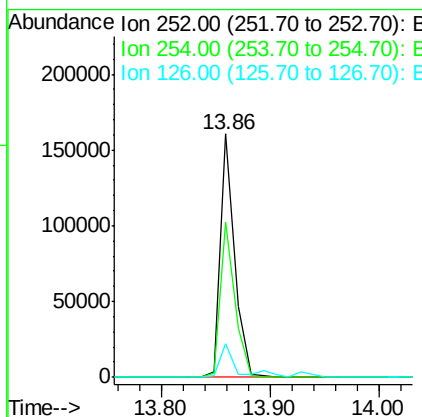
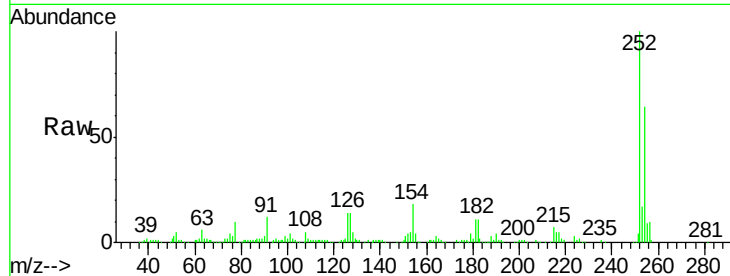
#81
 3,3'-Dichlorobenzidine
 Concen: 15.39 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.0
126	13.9	10.7	16.1

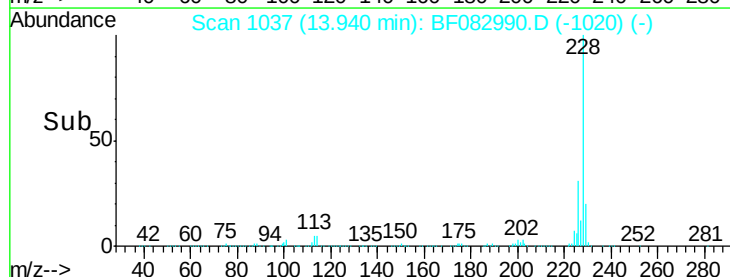
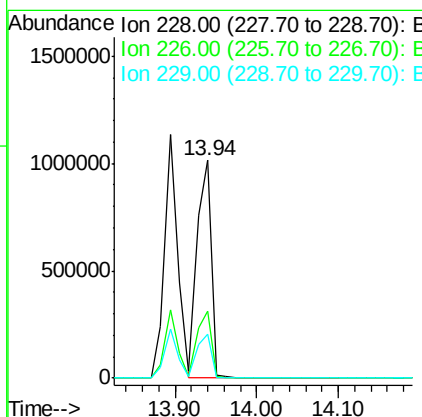
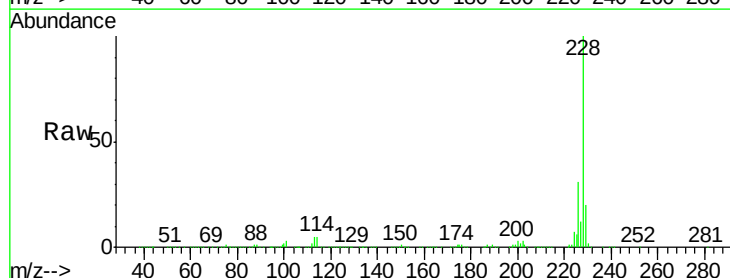
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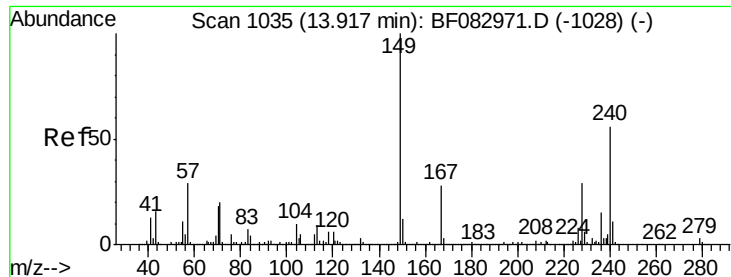
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#82
 Chrysene
 Concen: 50.07 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.5	38.3
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.18 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Instrument :

BNA_F

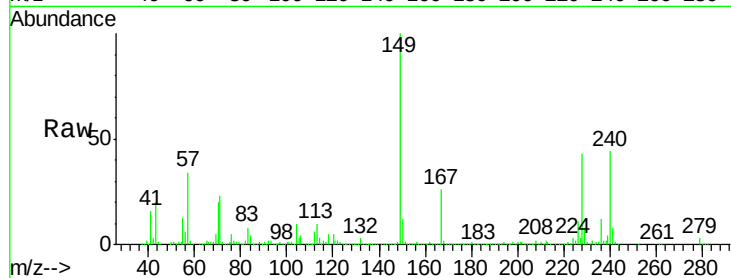
ClientSampleId :

MW-16MSD

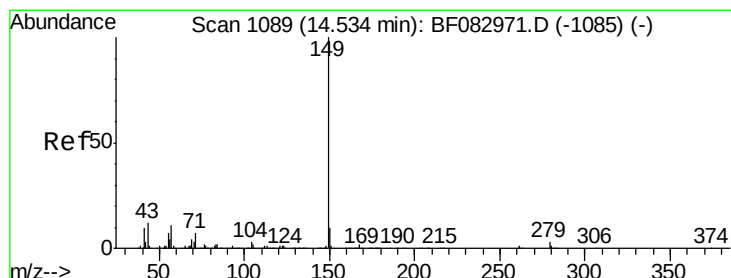
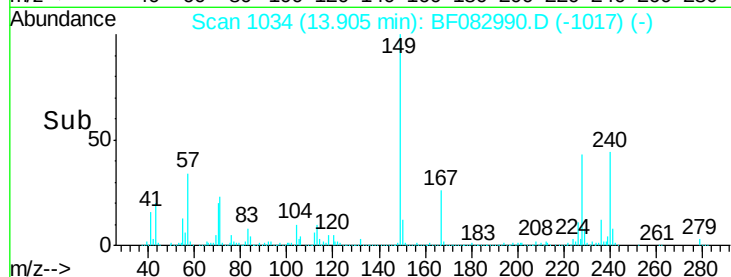
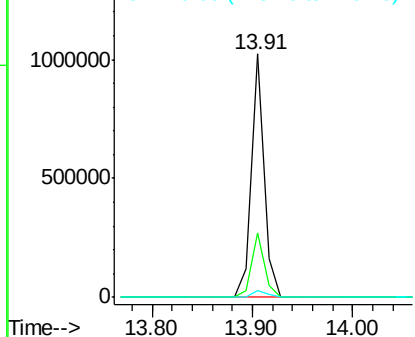
Tgt Ion:	149	Resp:	901448
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.2	31.8
279	2.6	2.2	3.2

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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: 50.25 ng

RT: 14.51 min Scan# 1087

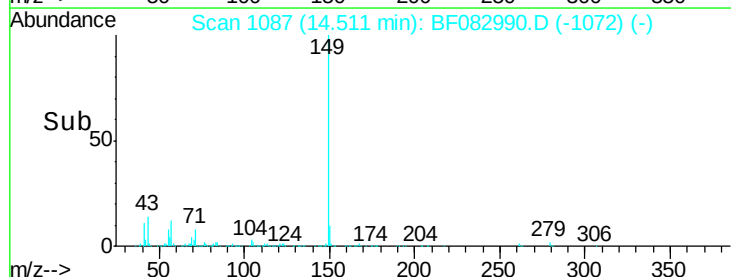
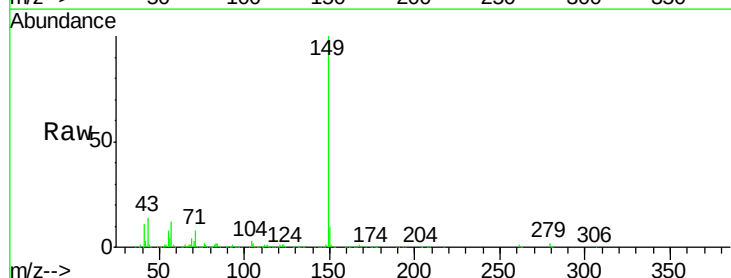
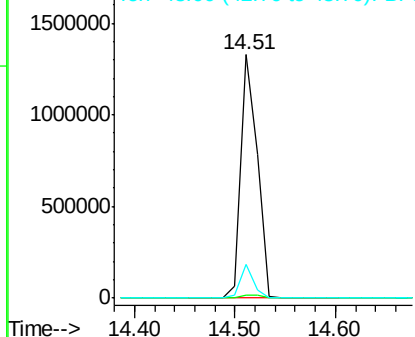
Delta R.T. -0.13 min

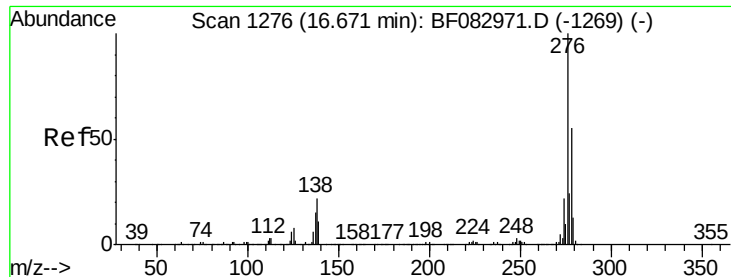
Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	149	Resp:	1505891
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





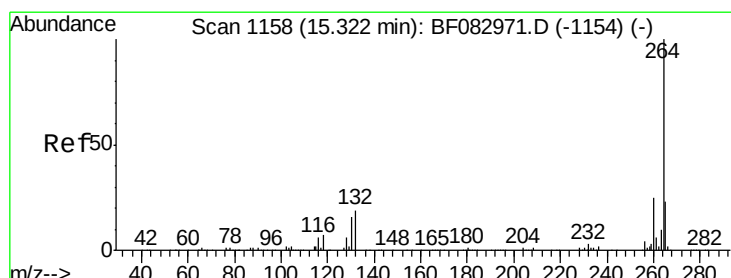
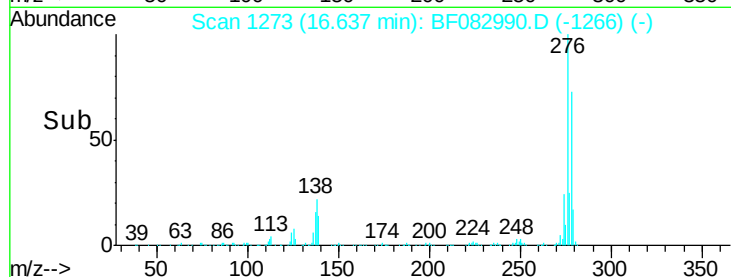
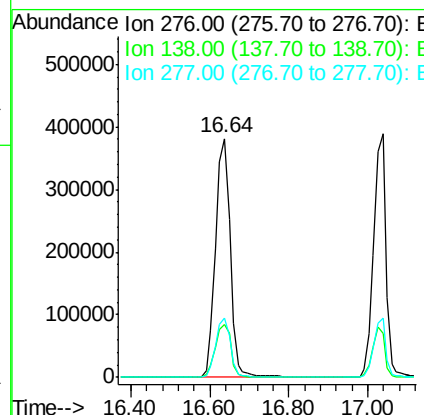
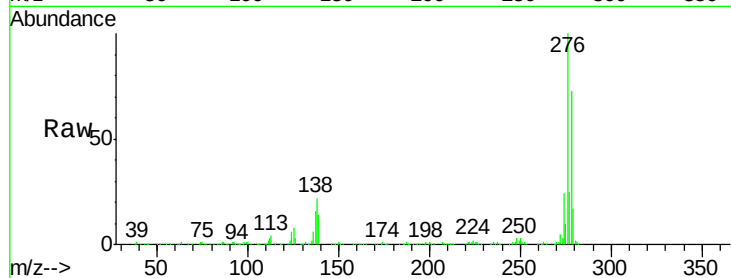
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.63 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.22 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-16MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	15.3	22.9#
277	24.9	20.2	30.4

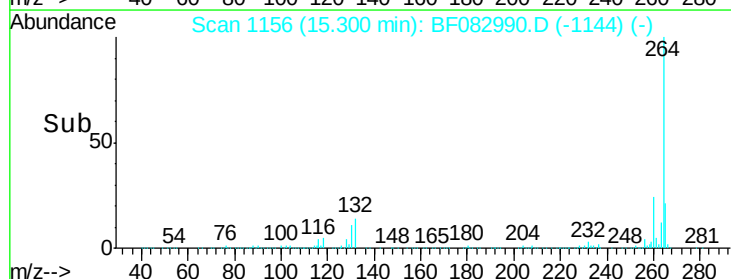
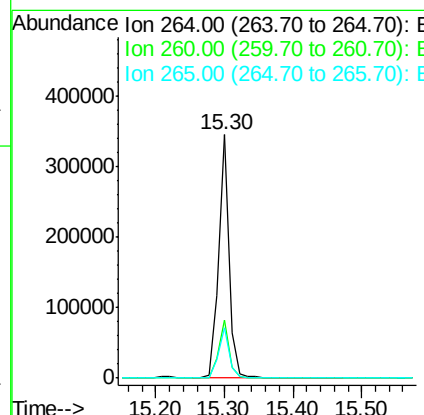
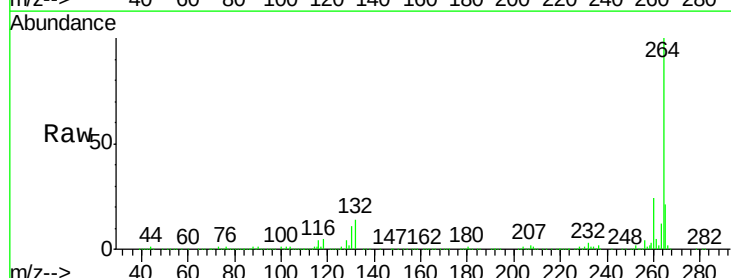
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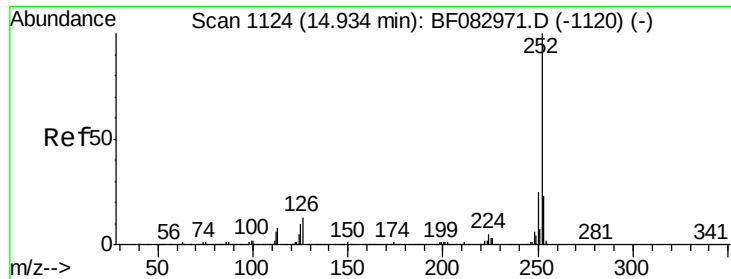
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082990.D
 Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	20.8	17.4	26.0





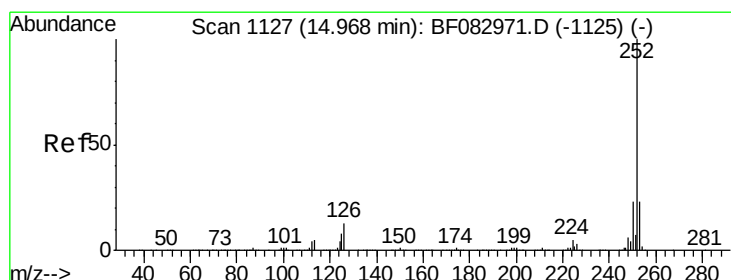
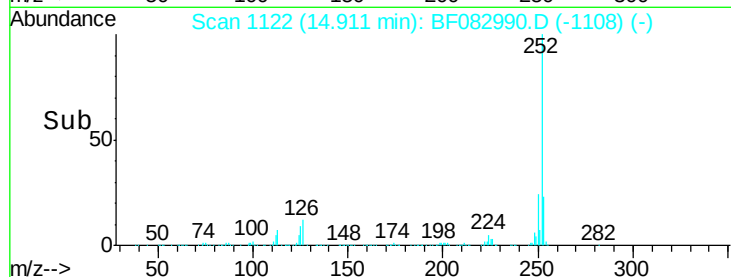
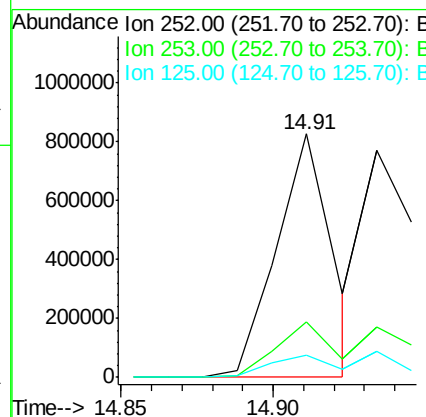
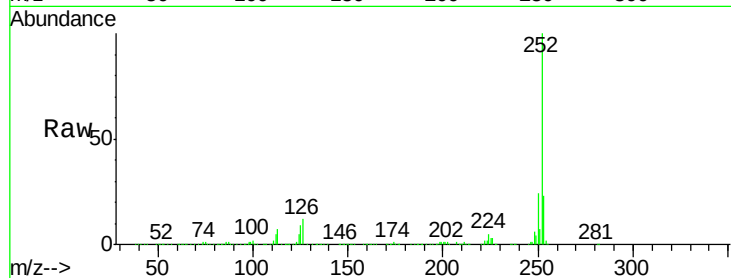
#87
Benzo(b)fluoranthene
Concen: 43.34 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.14 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.1	5.4	8.2#

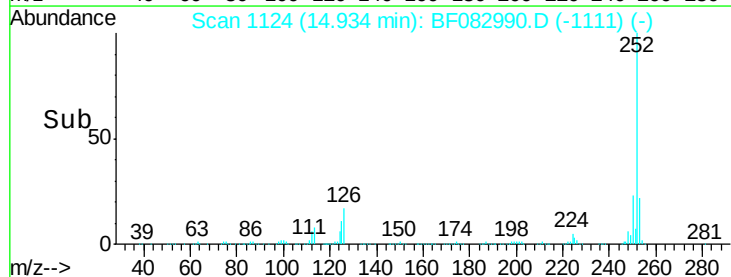
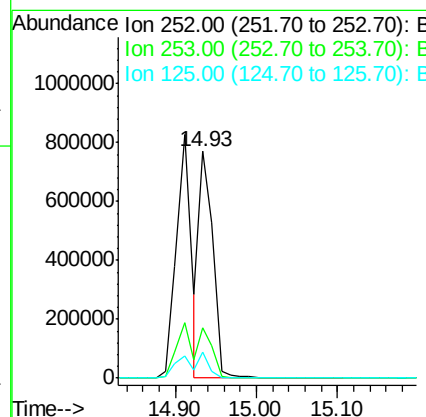
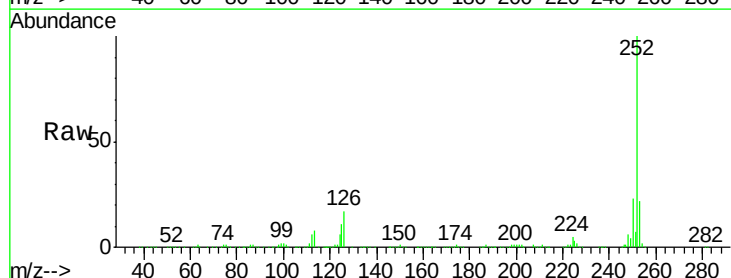
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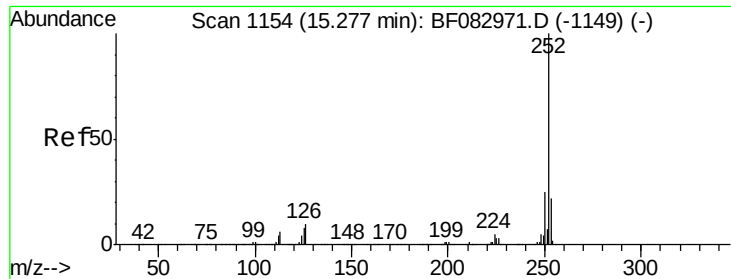
mohammad
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#88
Benzo(k)fluoranthene
Concen: 43.77 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.15 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.3	3.5	5.3#





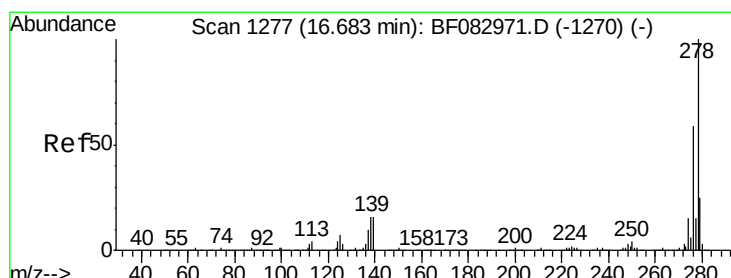
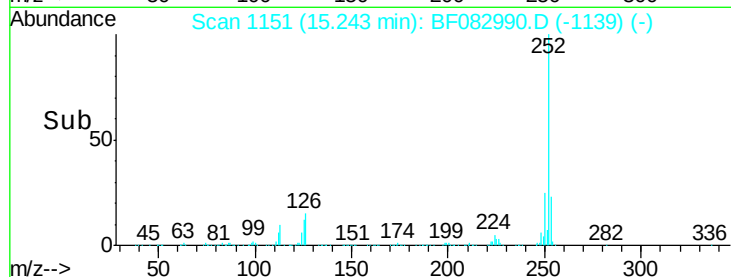
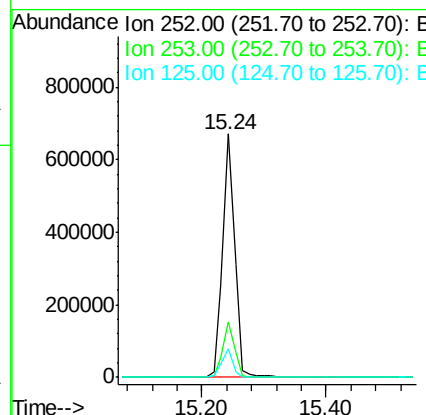
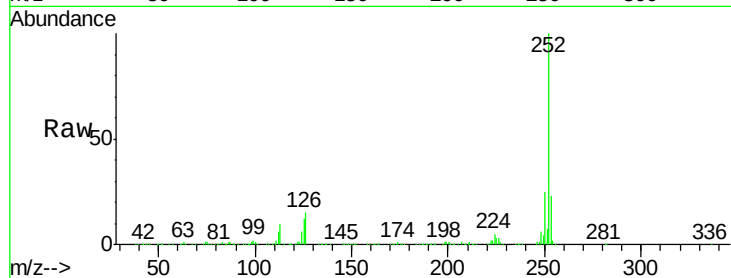
#89
Benzo(a)pyrene
Concen: 42.67 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.16 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-16MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.6	7.1	10.7

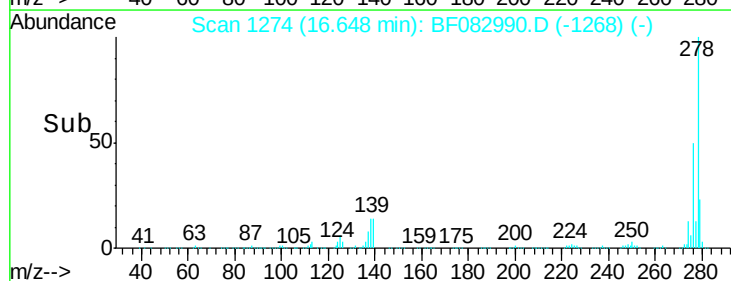
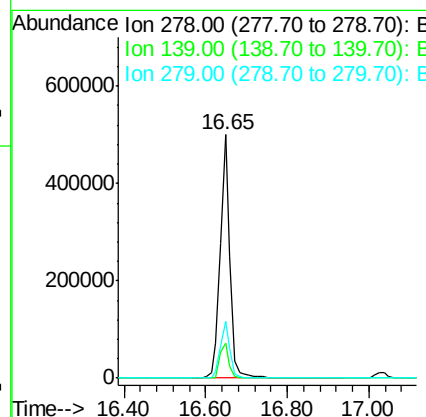
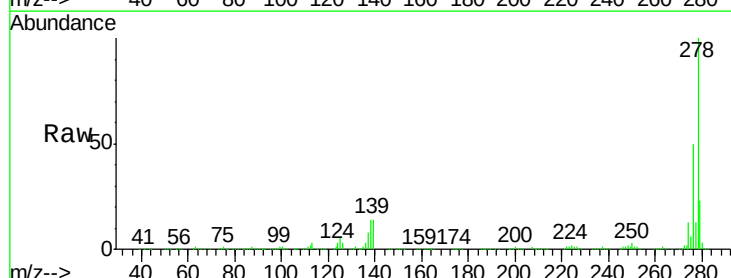
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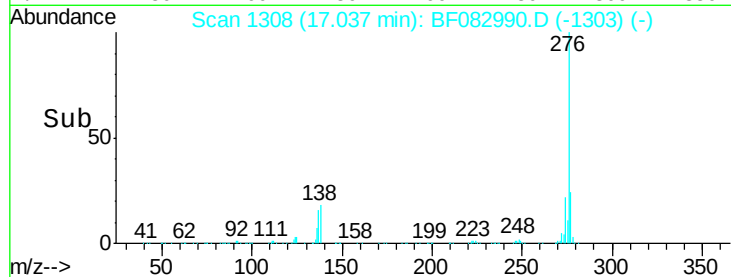
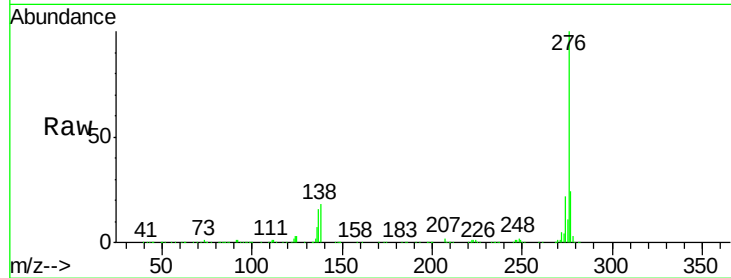
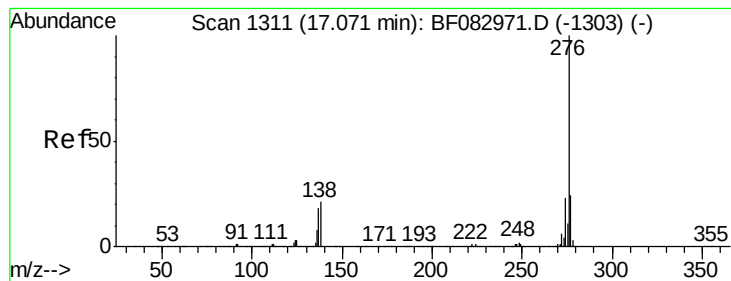
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 46.80 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.23 min
Lab File: BF082990.D
Acq: 18 Nov 2015 2:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	9.9	14.9
279	23.2	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 49.25 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082990.D

Acq: 18 Nov 2015 2:54

Tgt Ion:	276	Resp:	830347
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.2	28.8
138	17.9	13.1	19.7

Instrument :

BNA_F

ClientSampleId :

MW-16MSD

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