

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084608.D
 Acq On : 25 Jan 2016 15:41
 Operator : SJ/IZ
 Sample : H1201-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Manual Integrations
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mohammad
 1/26/2016 10:43:25 AM

Quant Time: Jan 25 16:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	209480	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	852052	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	418699	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	801744	20.00	ng	0.00
75) Chrysene-d12	13.89	240	624344	20.00	ng	0.00
86) Perylene-d12	15.28	264	385773	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	987960	76.28	ng	0.01
7) Phenol-d6	6.38	99	763461	46.94	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1410795	92.15	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	678434	160.50	ng	0.01
44) 2-Fluorobiphenyl	9.10	172	2392195	101.76	ng	0.00
78) Terphenyl-d14	12.84	244	2535045	90.63	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	123438	20.12	ng	# 77
3) Pyridine	3.01	79	166721	9.75	ng	# 67
4) n-Nitrosodimethylamine	2.93	42	150693	17.16	ng	# 71
6) Aniline	6.40	93	406592	17.09	ng	# 55
8) 2-Chlorophenol	6.52	128	574774	39.12	ng	84
9) Benzaldehyde	6.28	77	53001	5.00	ng	93
10) Phenol	6.40	94	303573	16.42	ng	# 67
11) bis(2-Chloroethyl)ether	6.48	93	628582	43.88	ng	# 80
12) 1,3-Dichlorobenzene	6.68	146	655644	43.25	ng	97
13) 1,4-Dichlorobenzene	6.75	146	664926	43.74	ng	96
14) 1,2-Dichlorobenzene	6.91	146	668634	45.93	ng	100
15) Benzyl Alcohol	6.89	79	393608	28.77	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1079212	41.37	ng	94
17) 2-Methylphenol	7.01	107	428328	34.78	ng	# 92
18) Hexachloroethane	7.25	117	270331	44.48	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	549561	49.91	ng	# 84
20) 3+4-Methylphenols	7.17	107	481233	33.25	ng	89
22) Acetophenone	7.15	105	1036562	50.59	ng	# 98
24) Nitrobenzene	7.33	77	841789	54.21	ng	92
25) Isophorone	7.57	82	1446946	49.42	ng	99
26) 2-Nitrophenol	7.64	139	360196	50.97	ng	# 80
27) 2,4-Dimethylphenol	7.70	122	664187	46.43	ng	91
28) bis(2-Chloroethoxy)methane	7.79	93	953481	53.31	ng	98
29) 2,4-Dichlorophenol	7.89	162	594676	49.91	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	616444	50.11	ng	# 94
31) Naphthalene	8.05	128	2001146	51.77	ng	99
32) Benzoic acid	7.80	122	168569	22.18	ng	98
33) 4-Chloroaniline	8.10	127	260081	14.68	ng	98
34) Hexachlorobutadiene	8.17	225	333527	47.17	ng	98
35) Caprolactam	8.49	113	21334	5.31	ng	# 40
36) 4-Chloro-3-methylphenol	8.59	107	617772	46.29	ng	94
37) 2-Methylnaphthalene	8.74	142	1306338	47.07	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	612204	50.86	ng	99
40) Hexachlorocyclopentadiene	8.90	237	583526	80.31	ng	98

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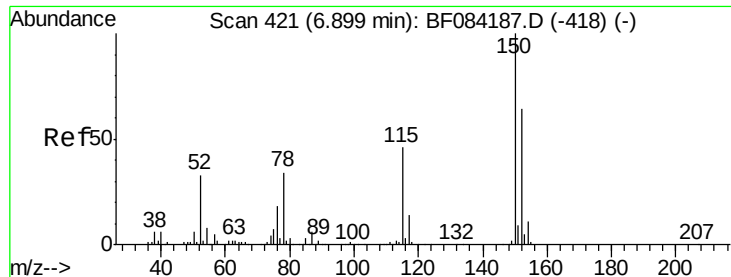
Manual Integrations
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Quant Time: Jan 25 16:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	453515	50.36	nq	94
43) 2,4,5-Trichlorophenol	9.07	196	405568	46.98	nq #	87
45) 1,1'-Biphenyl	9.21	154	1671926	50.24	nq	99
46) 2-Chloronaphthalene	9.23	162	1304975	49.93	nq	94
47) 2-Nitroaniline	9.33	65	503923	58.41	nq #	86
48) Acenaphthylene	9.64	152	1810184	46.88	nq	96
49) Dimethylphthalate	9.52	163	1534550	51.27	nq #	90
50) 2,6-Dinitrotoluene	9.57	165	320622	48.84	nq #	50
51) Acenaphthene	9.81	154	1199482	46.31	nq	99
52) 3-Nitroaniline	9.74	138	192185	23.62	nq #	77
53) 2,4-Dinitrophenol	9.86	184	435581	152.39	nq #	74
54) Dibenzofuran	9.98	168	1557433	46.52	nq #	88
55) 4-Nitrophenol	9.92	139	233271	39.50	nq #	80
56) 2,4-Dinitrotoluene	9.98	165	492761	59.30	nq #	86
57) Fluorene	10.33	166	1321807	51.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	400778	54.37	nq	88
59) Diethylphthalate	10.21	149	1477714	50.07	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	659908	63.55	nq #	84
61) 4-Nitroaniline	10.36	138	352634	48.63	nq	95
62) Azobenzene	10.49	77	1665106	51.44	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	257036	53.62	nq #	69
65) n-Nitrosodiphenylamine	10.44	169	1244873	48.56	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	407938	47.27	nq #	75
67) Hexachlorobenzene	10.88	284	506598	52.16	nq	97
68) Atrazine	10.98	200	418001	49.83	nq	97
69) Pentachlorophenol	11.07	266	482853	95.88	nq	97
70) Phenanthrene	11.29	178	2215095	52.82	nq	96
71) Anthracene	11.33	178	2014845	49.01	nq	97
72) Carbazole	11.49	167	1758009	43.74	nq	98
73) Di-n-butylphthalate	11.84	149	2535879	66.75	nq #	97
74) Fluoranthene	12.46	202	2112176	48.21	nq	98
76) Benzidine	12.59	184	297300	13.28	nq	98
77) Pyrene	12.69	202	2095555	42.77	nq	98
79) Butylbenzylphthalate	13.32	149	981936	46.31	nq	88
80) Benzo(a)anthracene	13.88	228	1831845	49.97	nq	97
81) 3,3'-Dichlorobenzidine	13.85	252	382880	29.93	nq #	94
82) Chrysene	13.92	228	1665969	47.29	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1268522	47.36	nq	99
84) Di-n-octyl phthalate	14.50	149	1940814	42.92	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.60	276	1052478	37.69	nq	96
87) Benzo(b)fluoranthene	14.90	252	1552275m	61.51	nq	
88) Benzo(k)fluoranthene	14.92	252	996536m	48.29	nq	
89) Benzo(a)pyrene	15.23	252	1166494	54.50	nq #	97
90) Dibenzo(a,h)anthracene	16.61	278	892450	48.45	nq	96
91) Benzo(g,h,i)perylene	17.00	276	875605	45.91	nq	96

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



#1

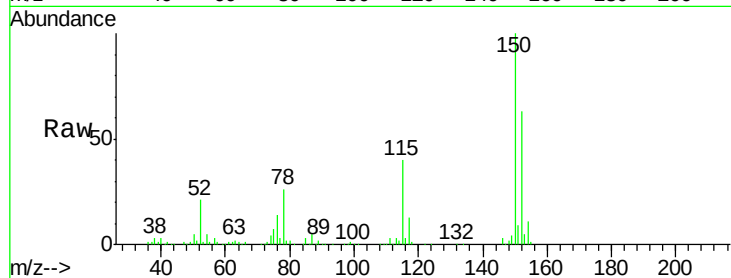
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.0	184.4
115	64.1	51.4	77.2

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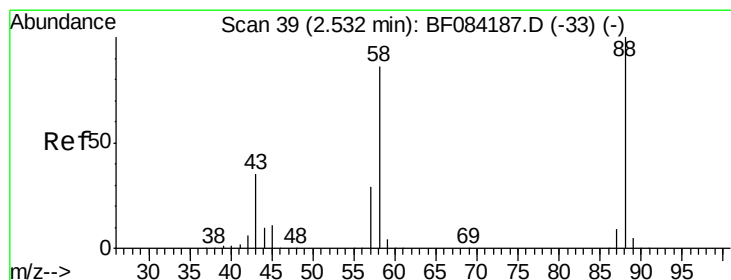
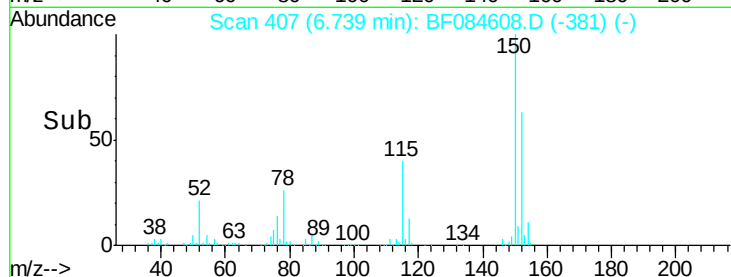
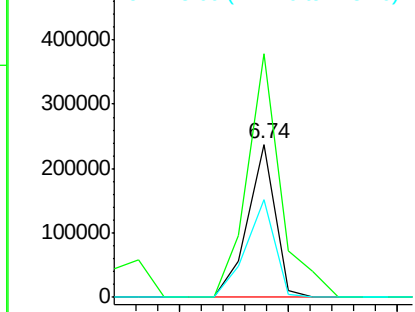


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

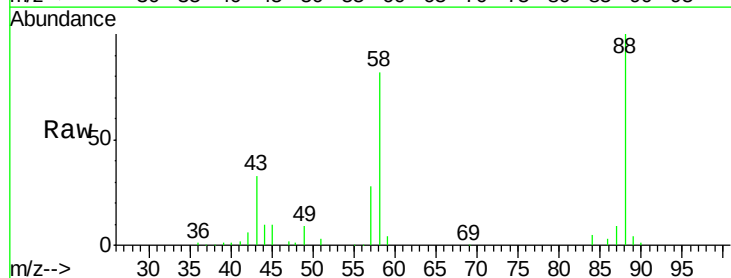
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.12 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.07 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	51.2	76.8#
43	33.8	19.5	29.3#

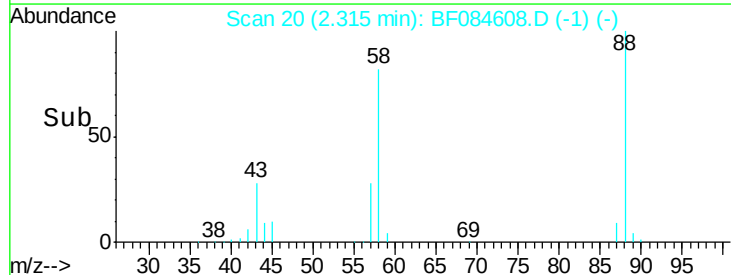
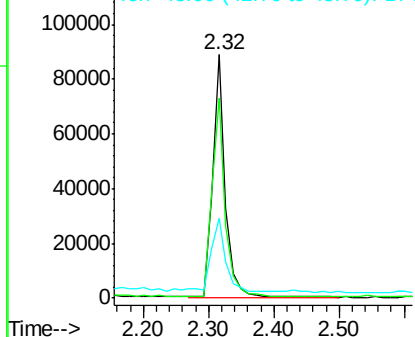


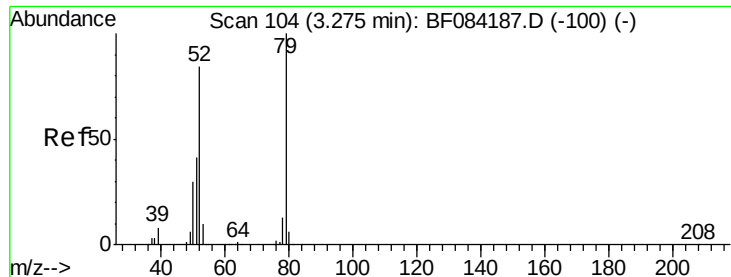
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 9.75 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

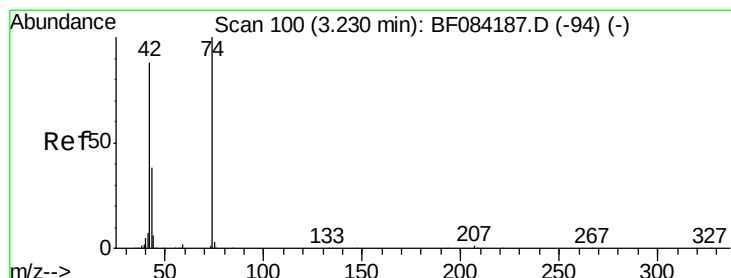
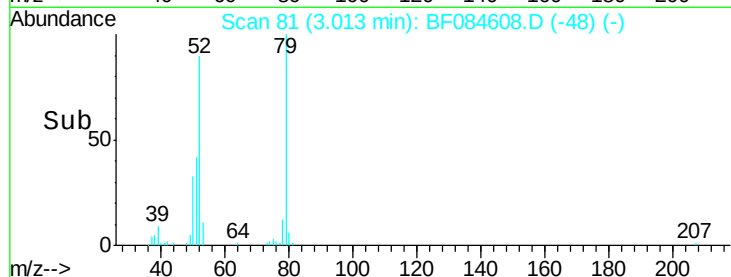
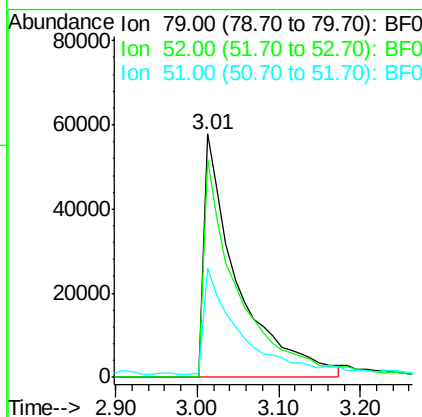
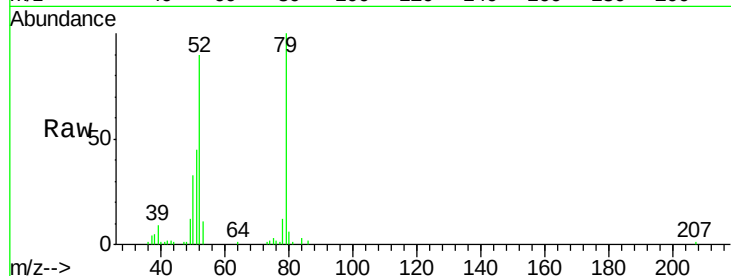
ClientSampleId :

MW-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		166721		
52	89.6	49.0	73.4#		
51	45.1	25.2	37.8#		

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#4

n-Nitrosodimethylamine

Concen: 17.16 ng

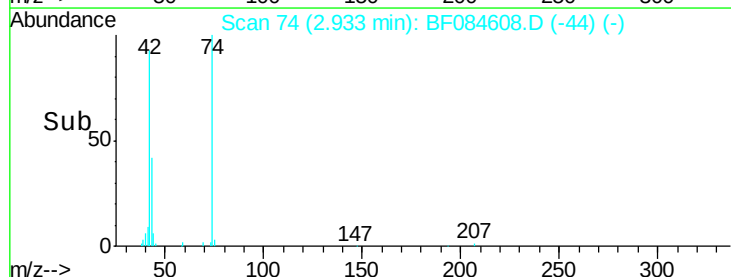
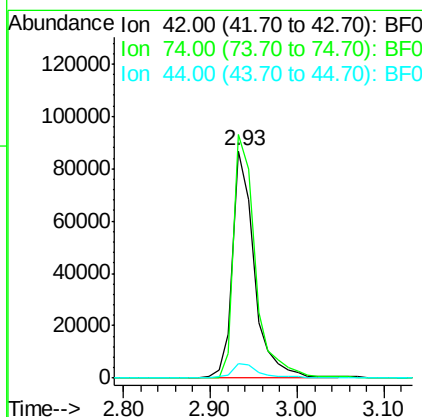
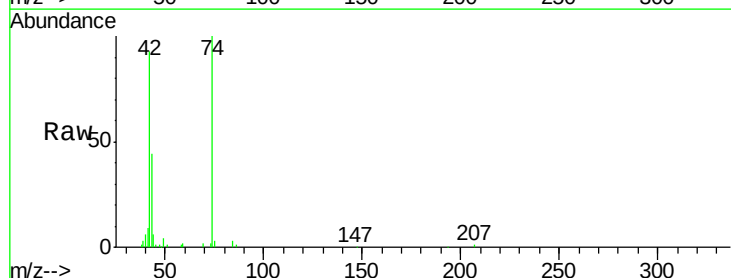
RT: 2.93 min Scan# 74

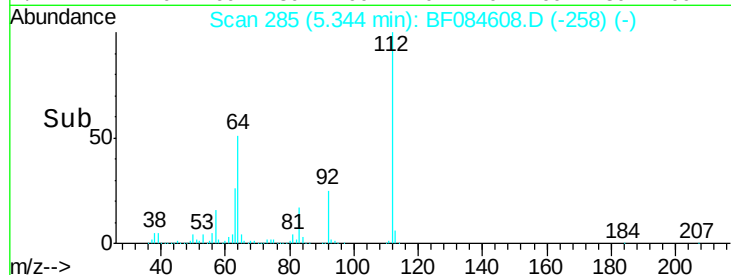
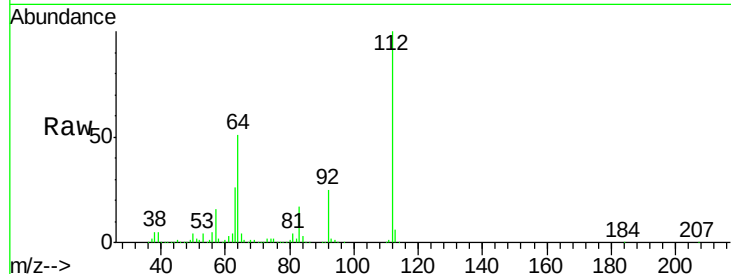
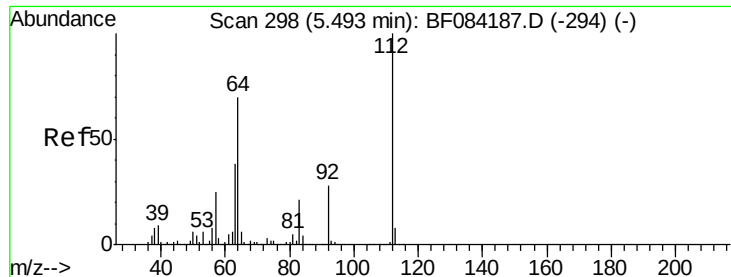
Delta R.T. 0.05 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		150693		
74	107.0	115.7	173.5#		
44	6.5	5.1	7.7		





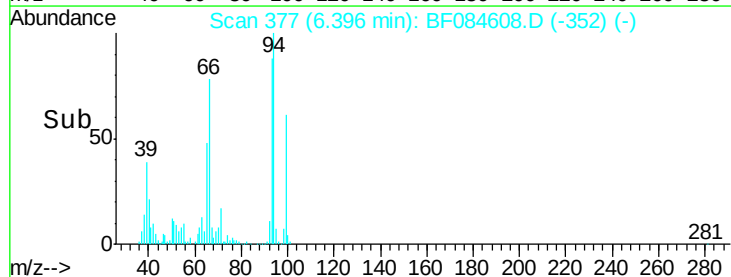
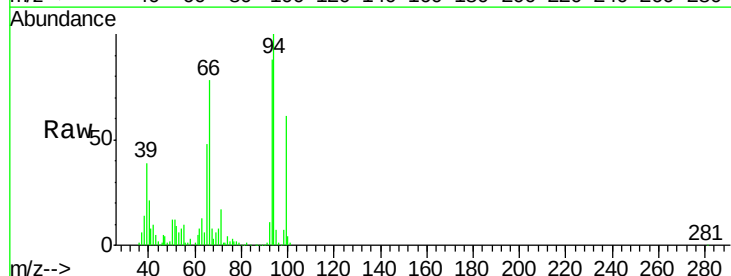
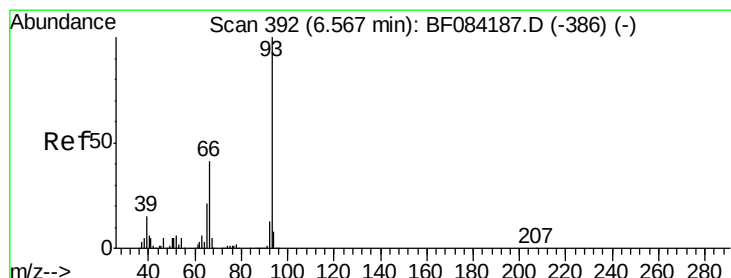
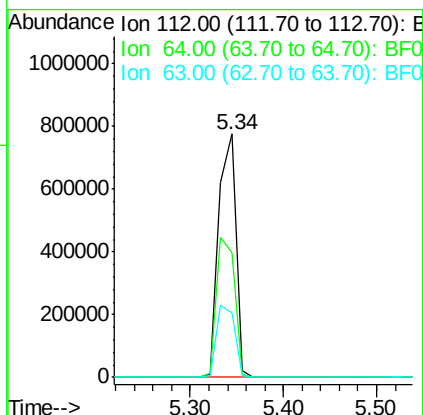
#5
2-Fluorophenol
Concen: 76.28 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tot Ion	Ratio	Resp	Lower	Upper
112	100	987960		
64	51.1		36.6	55.0
63	26.5		19.4	29.0

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

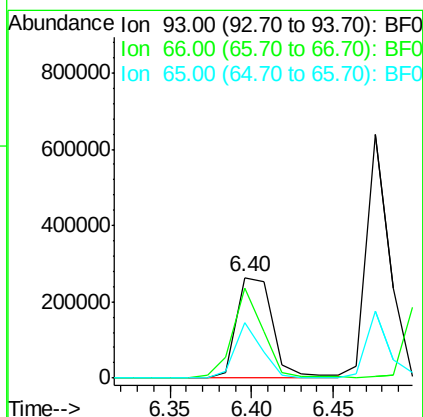
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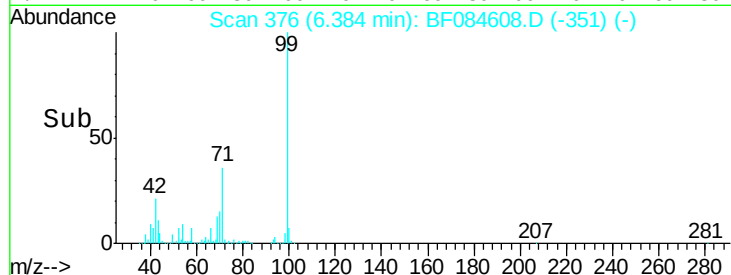
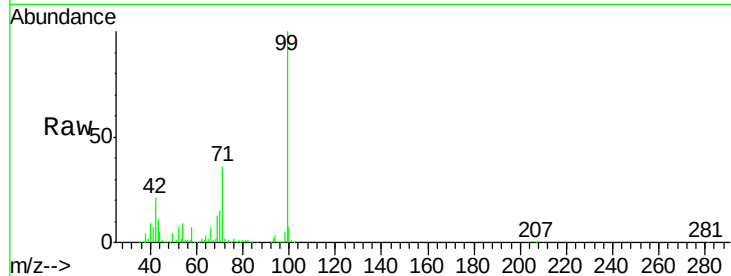
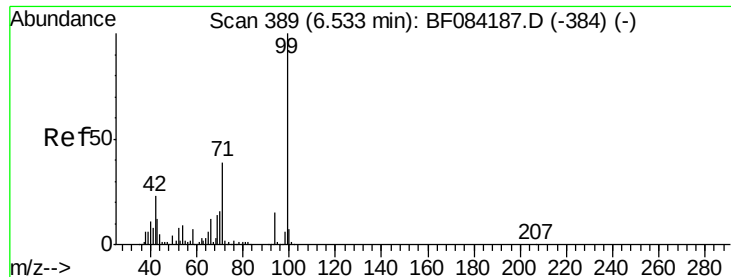
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#6
Aniline
Concen: 17.09 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406592		
66	88.9		44.9	67.3#
65	54.7		23.7	35.5#





#7

Phenol-d6

Concen: 46.94 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tot Ion:	99	Resp:	763461
Ion Ratio	Lower	Upper	
99	100		
42	21.2	12.8	19.2#
71	36.4	30.9	46.3

Instrument :

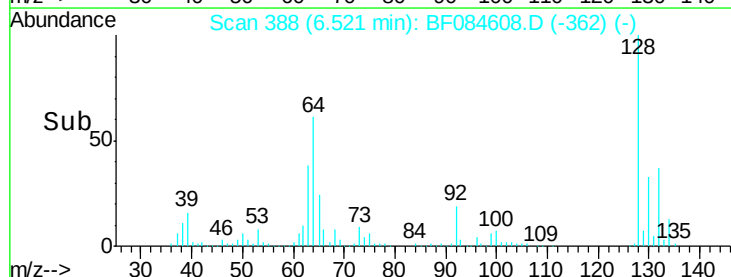
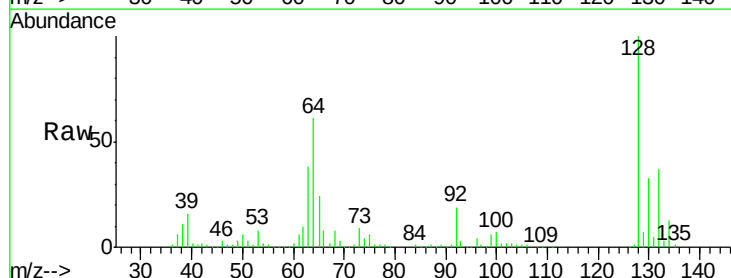
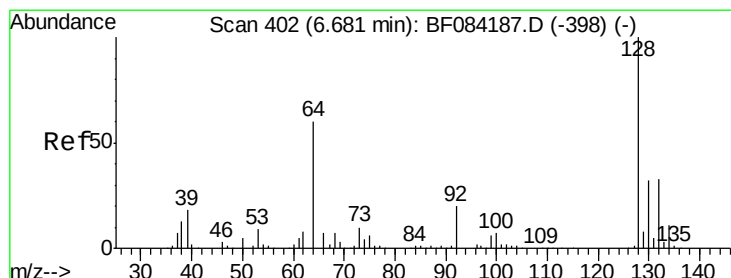
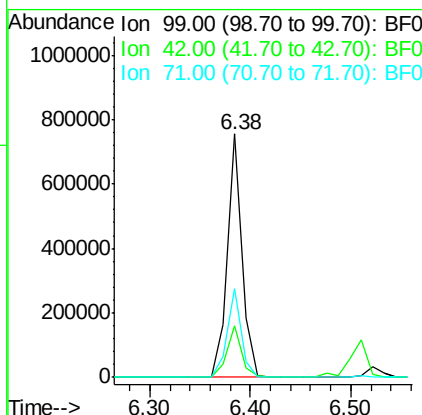
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 39.12 ng

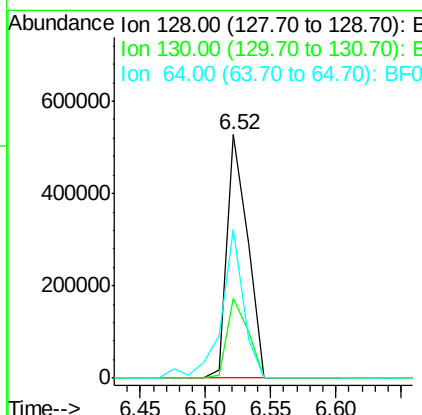
RT: 6.52 min Scan# 388

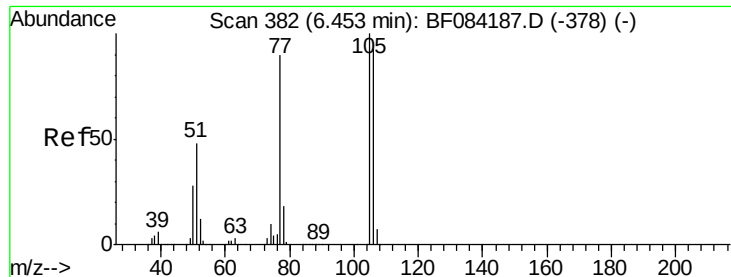
Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	128	Resp:	574774
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.6	51.6
64	60.9	23.8	63.8





#9

Benzaldehyde

Concen: 5.00 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

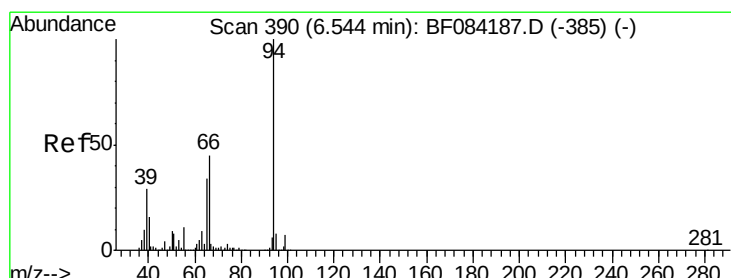
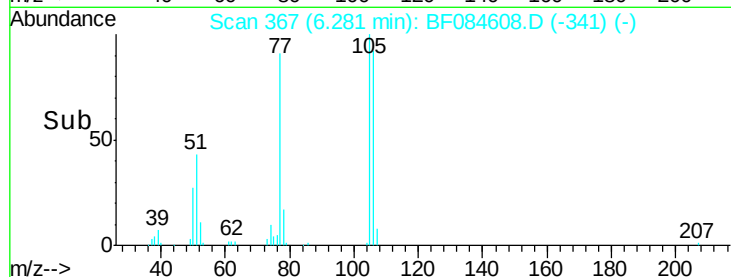
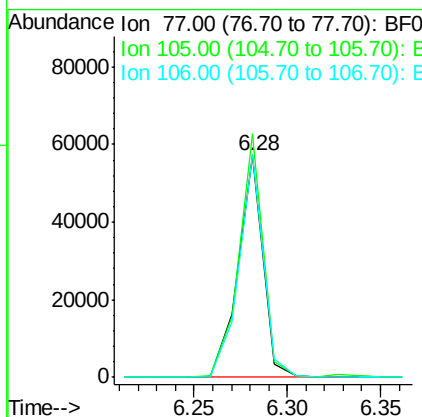
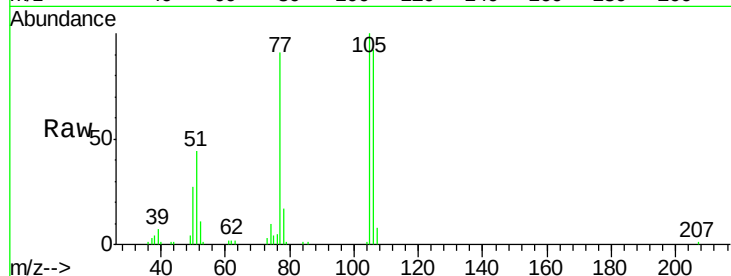
ClientSampleId :

MW-01MSD

Tot Ion:	77	Resp:	53001
Ion	Ratio	Lower	Upper
77	100		
105	110.0	83.0	123.0
106	100.8	74.6	114.6

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#10

Phenol

Concen: 16.42 ng

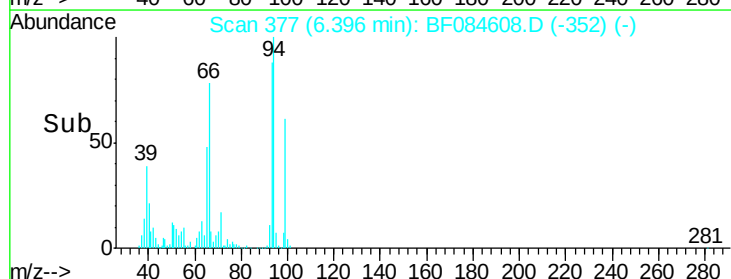
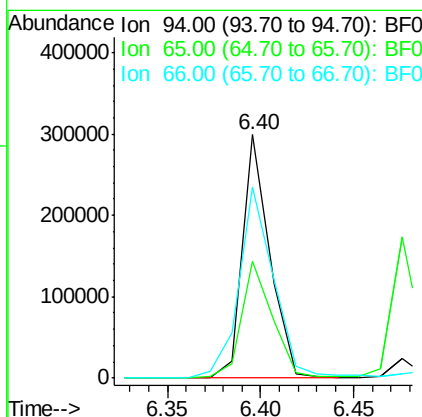
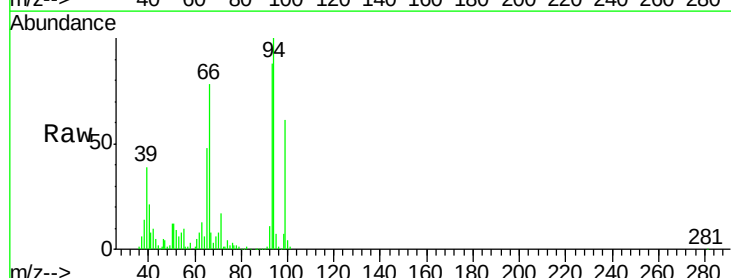
RT: 6.40 min Scan# 377

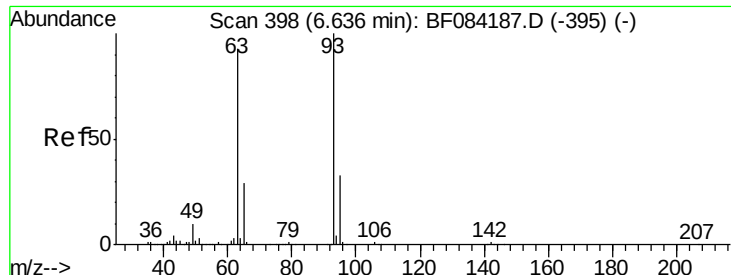
Delta R.T. -0.01 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	94	Resp:	303573
Ion	Ratio	Lower	Upper
94	100		
65	48.2	12.9	52.9
66	78.3	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 43.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

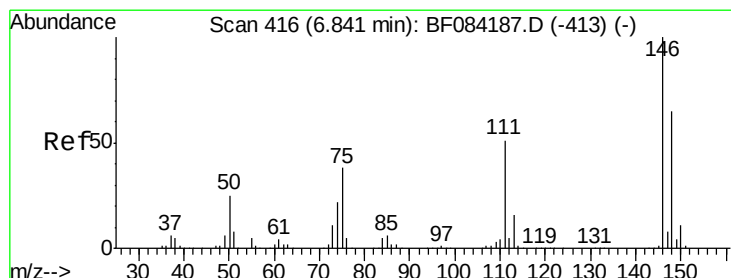
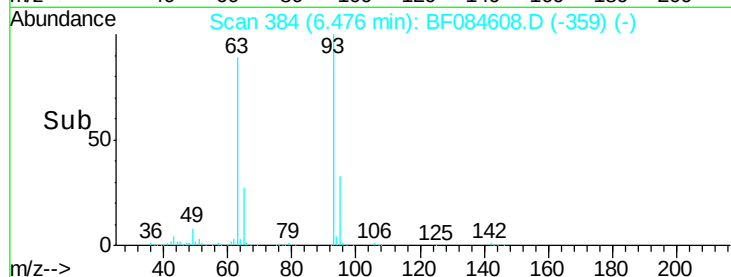
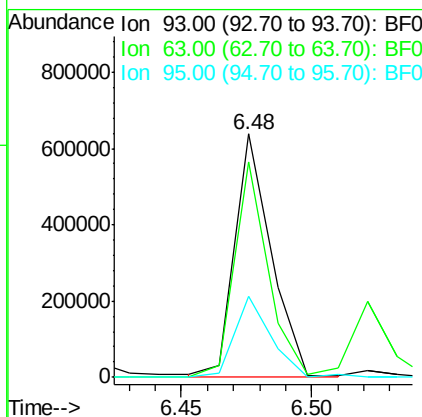
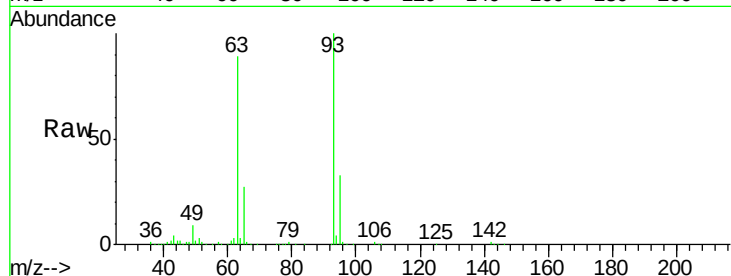
ClientSampleId :

MW-01MSD

Tot Ion:	93	Resp:	628582
Ion Ratio	Lower	Upper	
93	100		
63	88.7	45.9	85.9#
95	33.4	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 43.25 ng

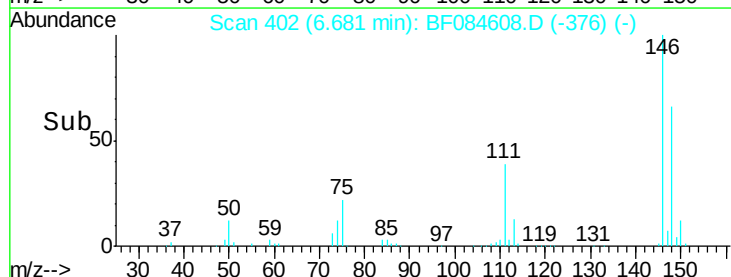
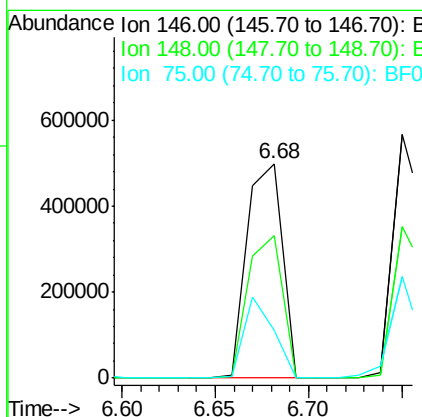
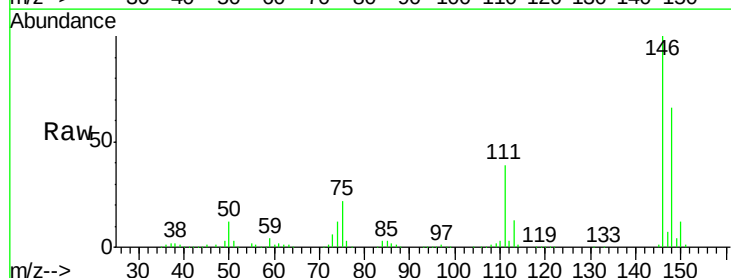
RT: 6.68 min Scan# 402

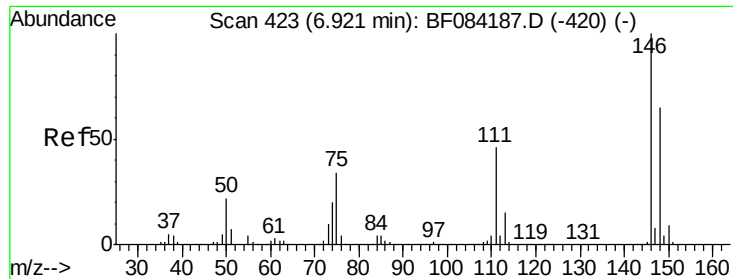
Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	146	Resp:	655644
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.9	77.9
75	22.3	20.5	30.7





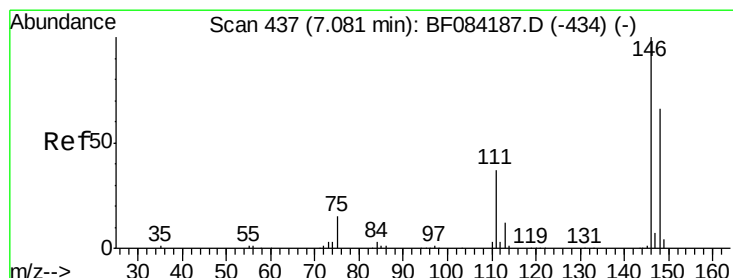
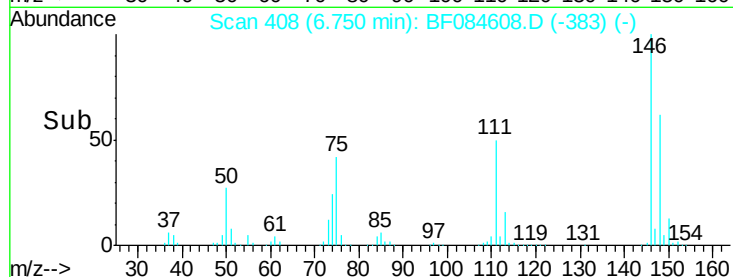
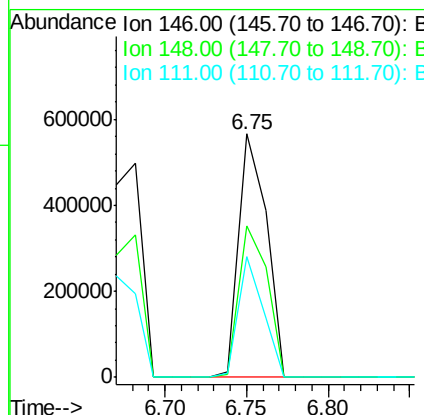
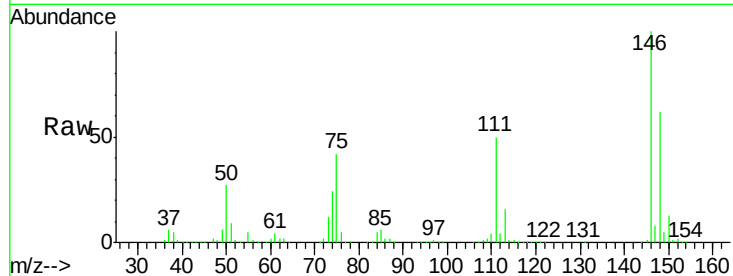
#13
 1,4-Dichlorobenzene
 Concen: 43.74 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
111	49.5	41.6	62.4

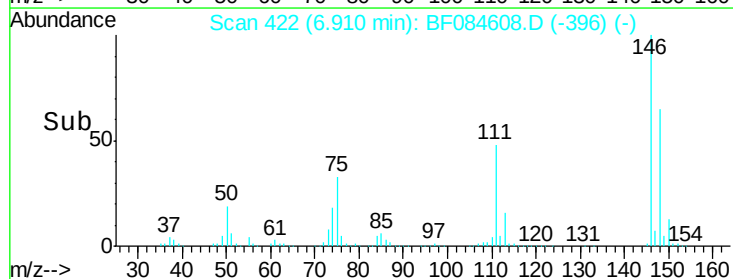
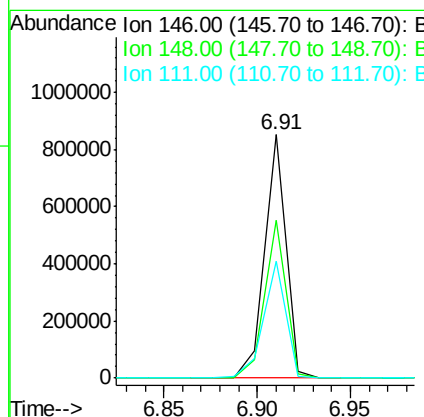
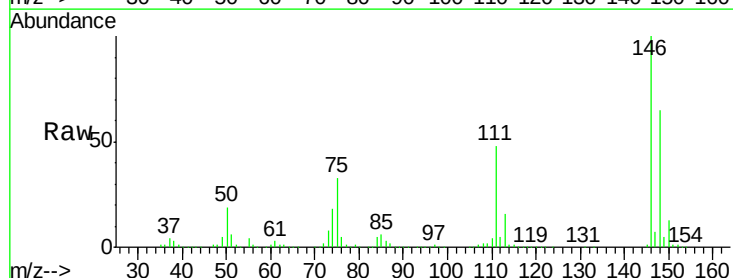
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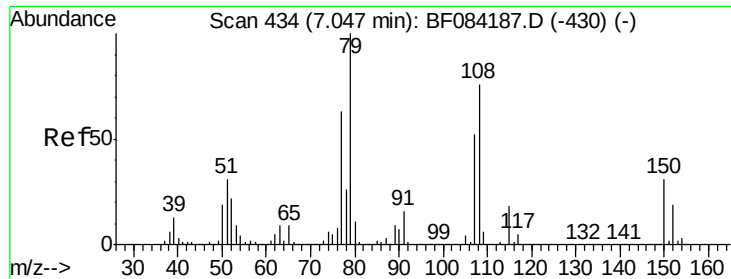
mohammad
 1/26/2016 10:43:25 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.93 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	47.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 28.77 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

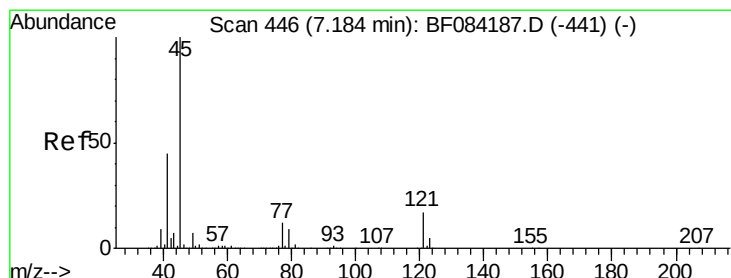
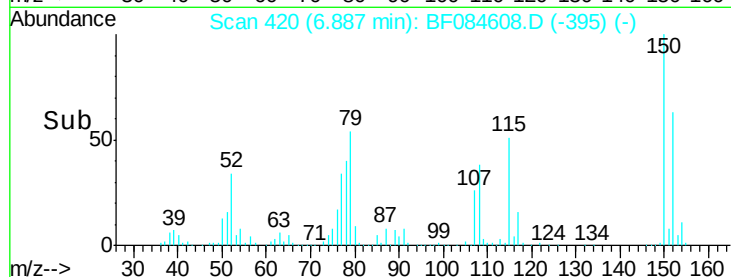
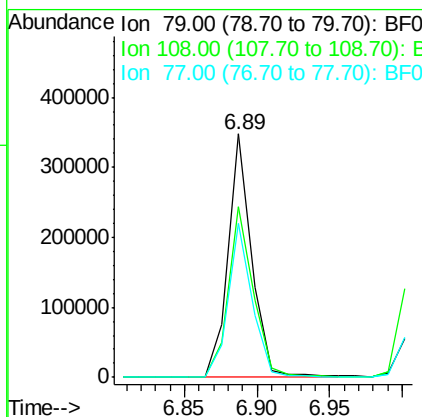
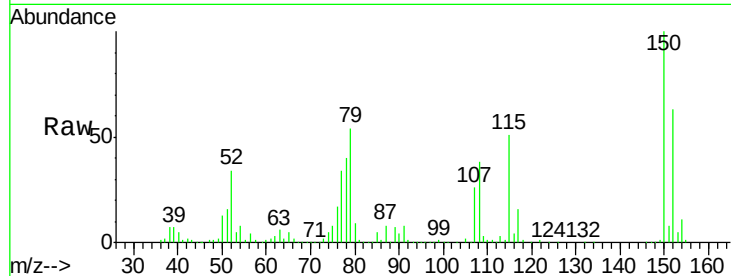
ClientSampleID :

MW-01MSD

Tot Ion:	79	Resp:	393608
Ion Ratio	Lower	Upper	
79	100		
108	70.2	69.0	103.4
77	63.2	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.37 ng

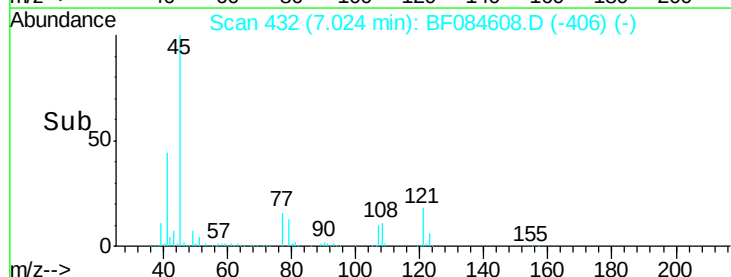
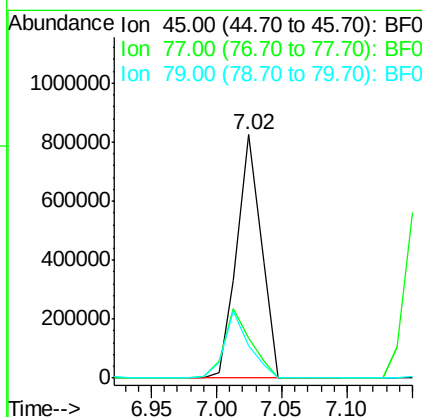
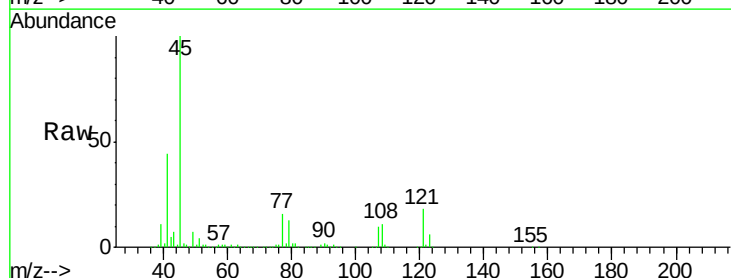
RT: 7.02 min Scan# 432

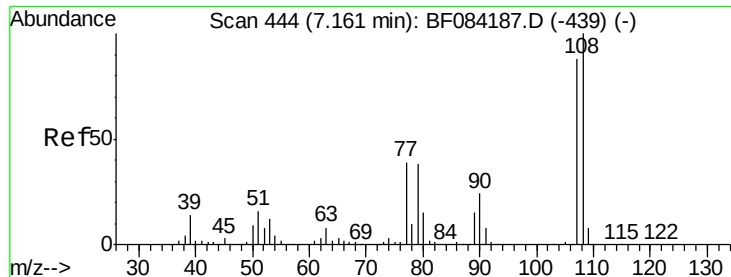
Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	45	Resp:	1079212
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	39.6
79	13.1	0.0	35.0





#17

2-Methylphenol

Concen: 34.78 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:107 Resp: 428328
Ion Ratio Lower Upper

107 100

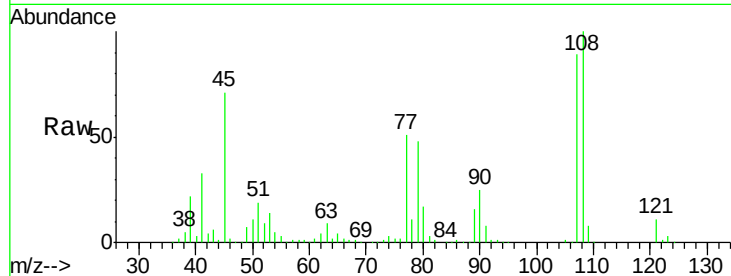
108 112.6 89.8 134.6

77 56.9 35.7 53.5#

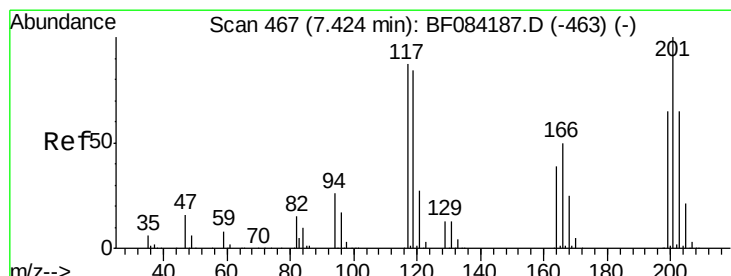
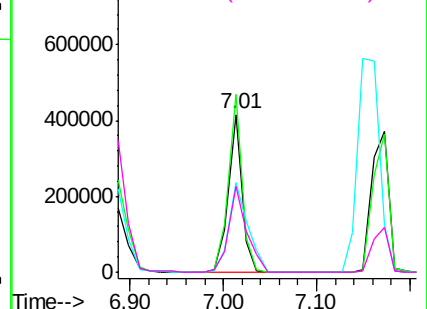
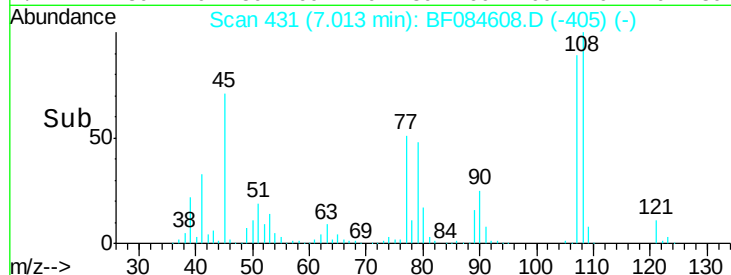
79 54.2 35.7 53.5#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.48 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF084608.D

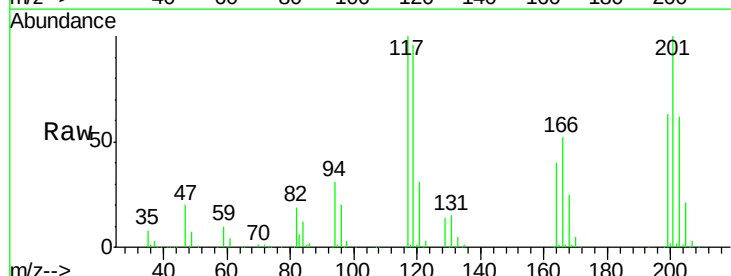
Acq: 25 Jan 2016 15:41

Tgt Ion:117 Resp: 270331
Ion Ratio Lower Upper

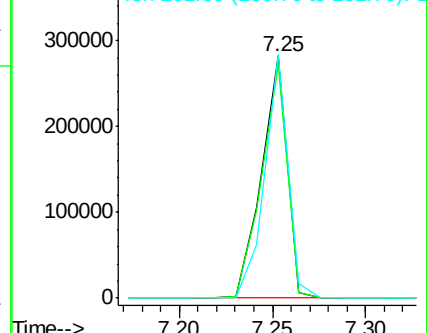
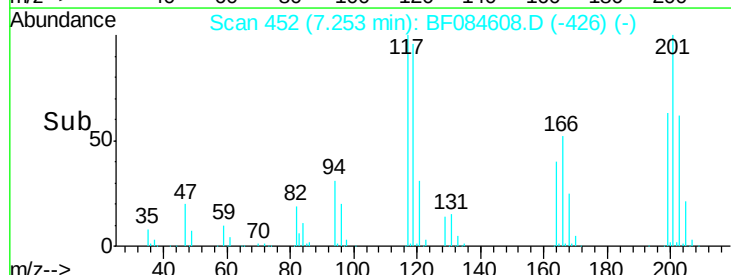
117 100

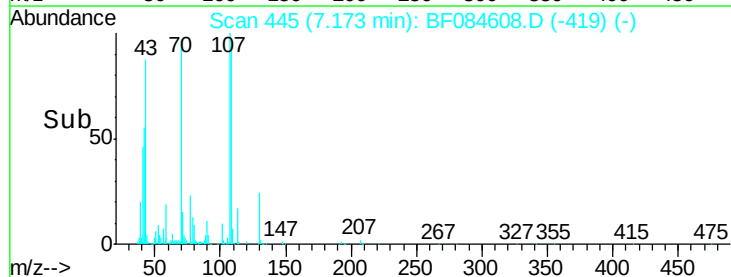
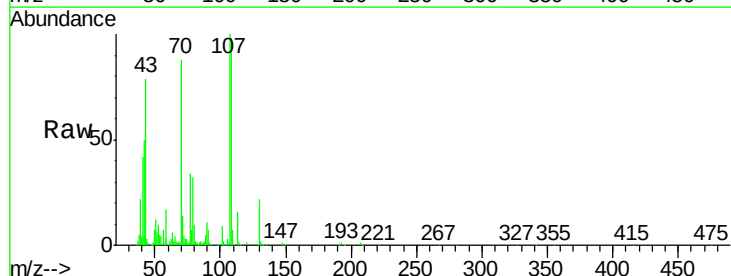
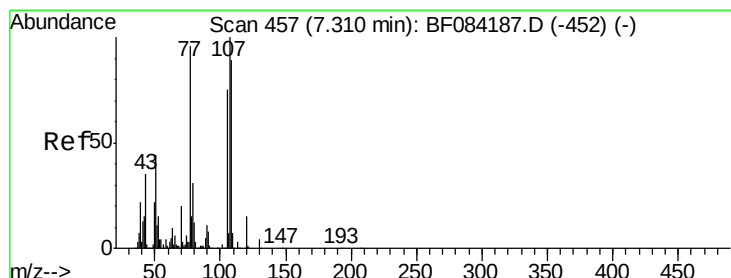
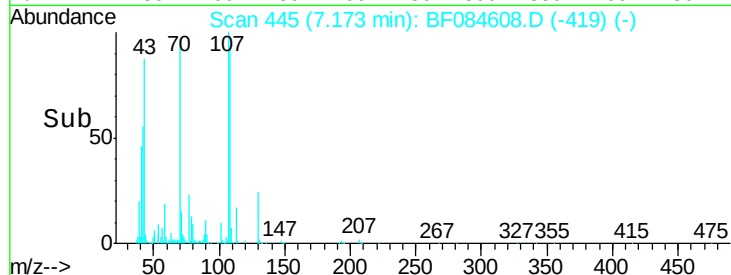
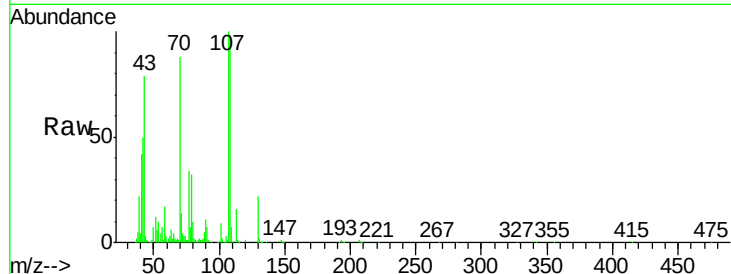
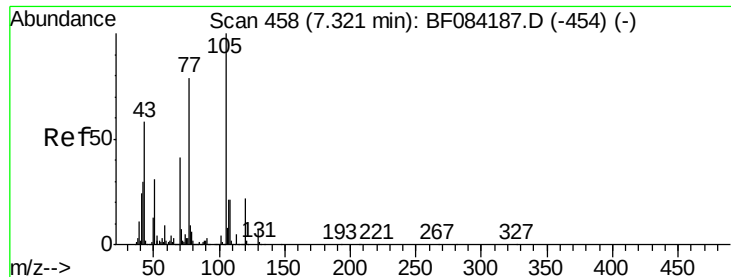
119 96.3 77.4 116.0

201 100.5 68.6 103.0



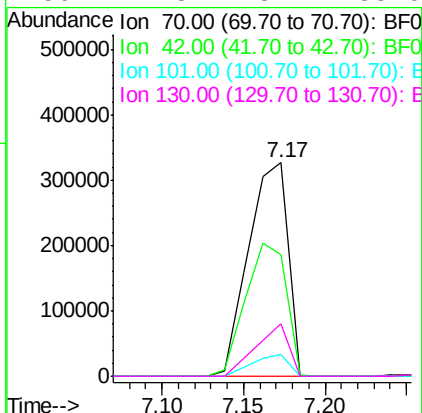
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.91 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	33.3	49.9#
101	10.4	9.3	13.9
130	24.8	23.4	35.0



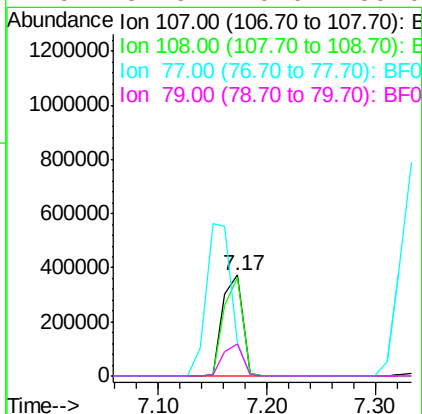
Instrument :
BNA_F
ClientSampleId :
MW-01MSD

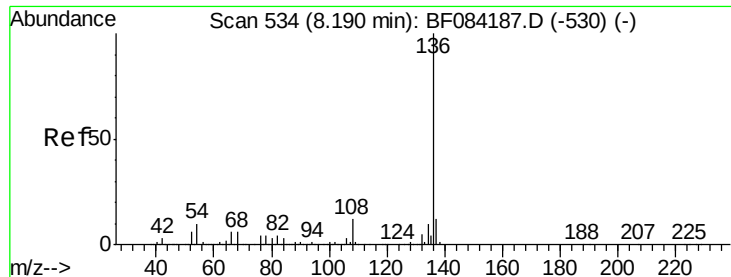
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#20
3+4-Methylphenols
Concen: 33.25 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.8	74.6	114.6
77	33.7	0.7	40.7
79	31.9	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

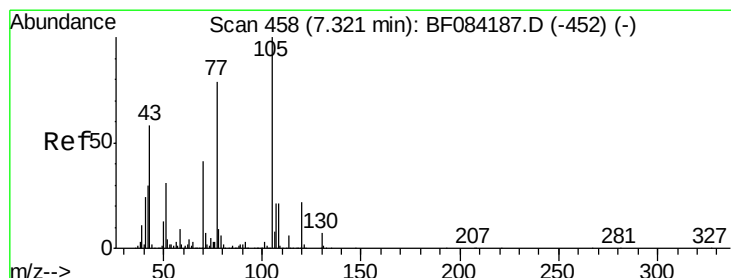
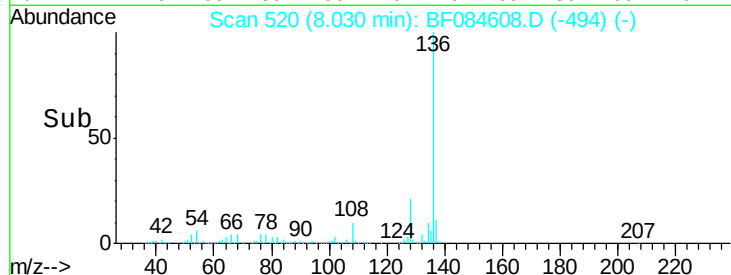
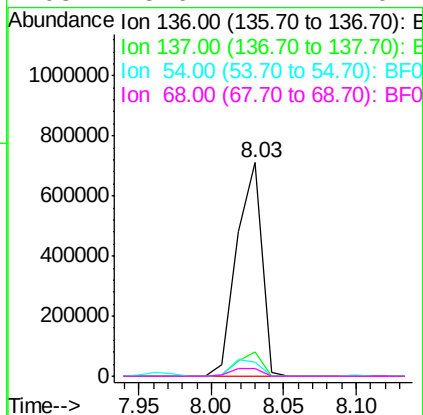
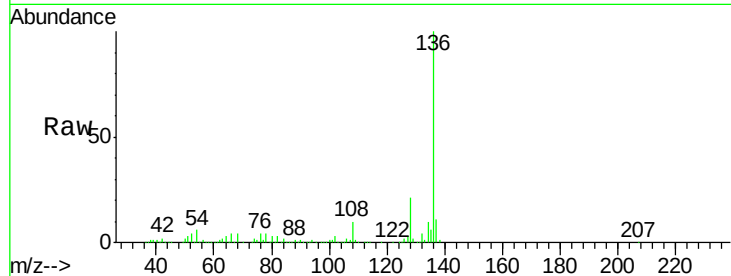
ClientSampleId :

MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	852052		
137	11.3	8.7	13.1	
54	6.4	5.8	8.8	
68	3.6	4.2	6.2	

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#22

Acetophenone

Concen: 50.59 ng

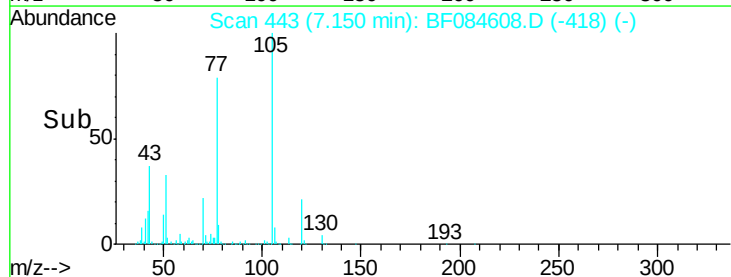
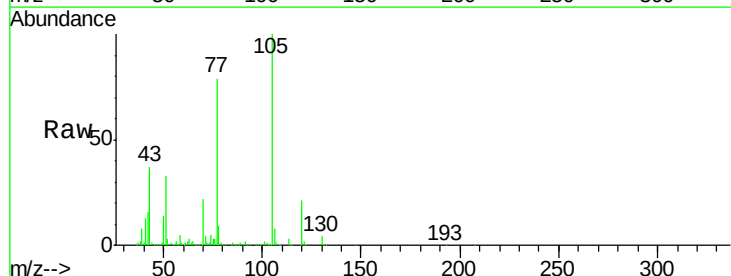
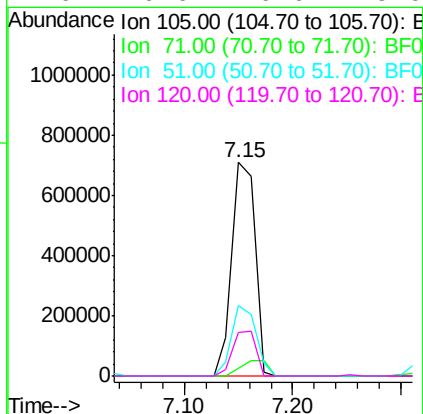
RT: 7.15 min Scan# 443

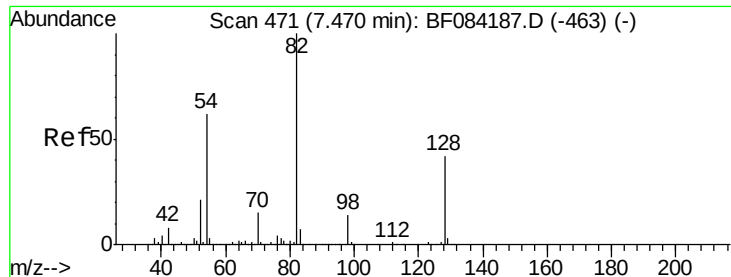
Delta R.T. -0.01 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1036562		
71	3.6	3.7	5.5	
51	33.0	25.1	37.7	
120	20.6	16.6	25.0	





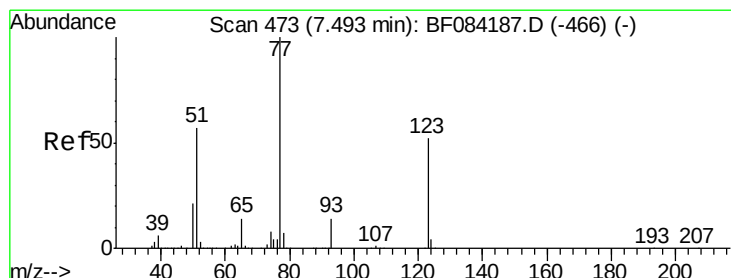
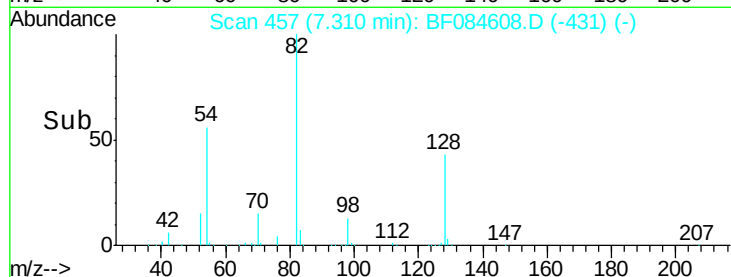
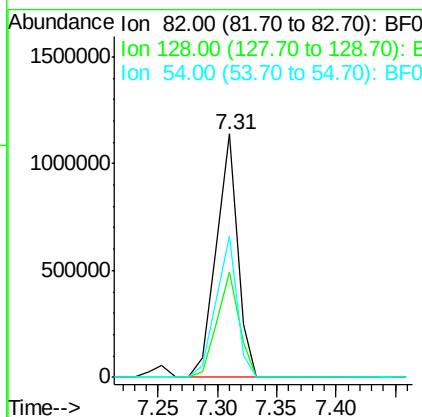
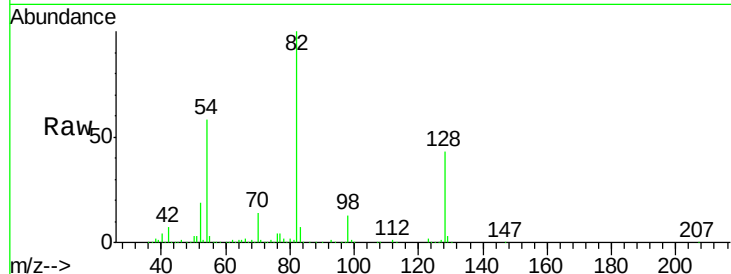
#23
 Nitrobenzene-d5
 Concen: 92.15 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	58.1	38.4	57.6

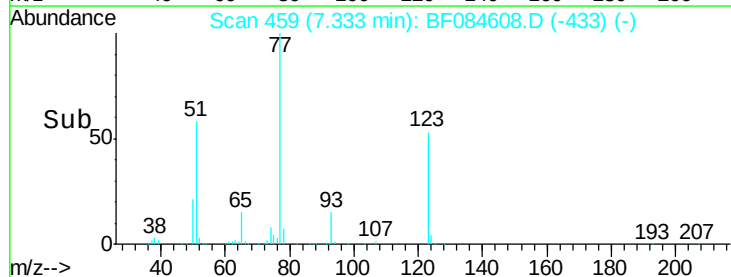
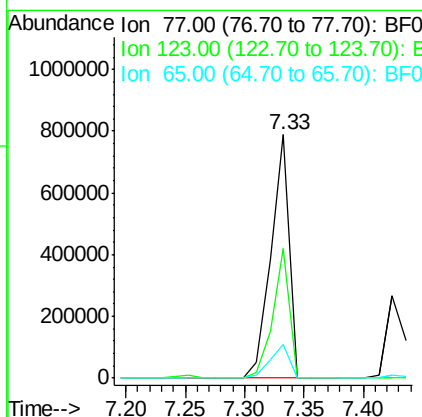
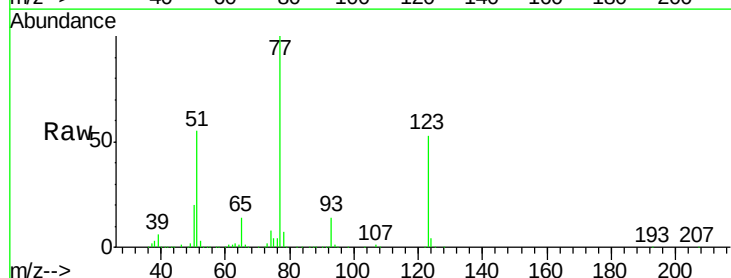
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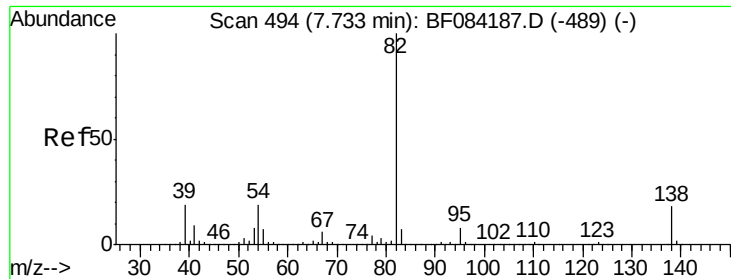
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#24
 Nitrobenzene
 Concen: 54.21 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.0	37.4	56.2
65	14.1	10.9	16.3





#25

Isophorone

Concen: 49.42 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion: 82 Resp: 1446946

Ion Ratio Lower Upper

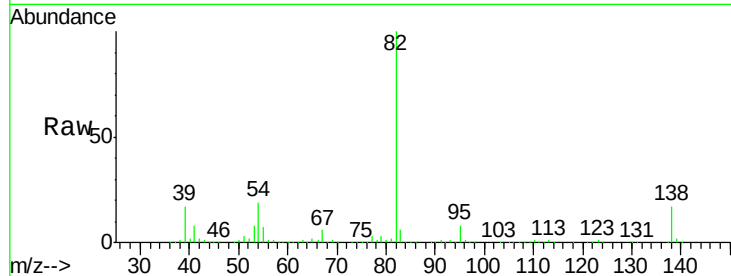
82 100

95 7.9 6.6 10.0

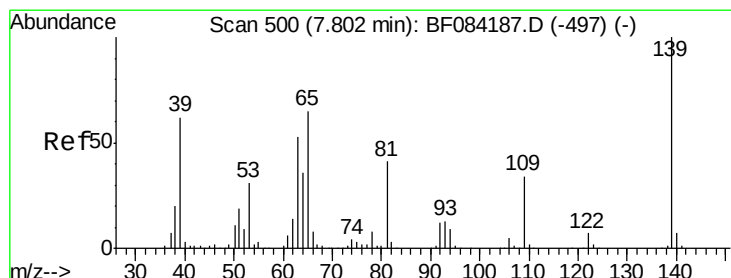
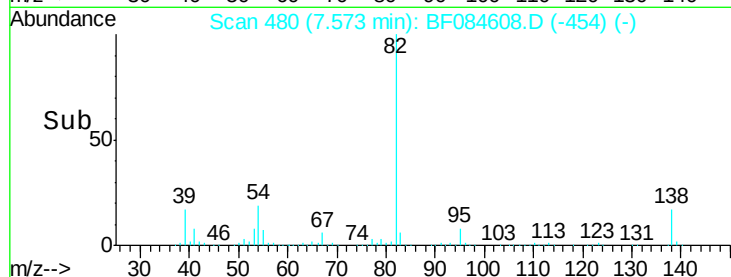
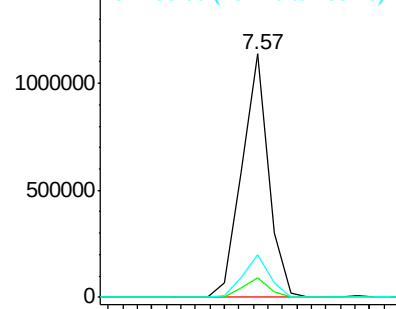
138 17.3 13.6 20.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.97 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

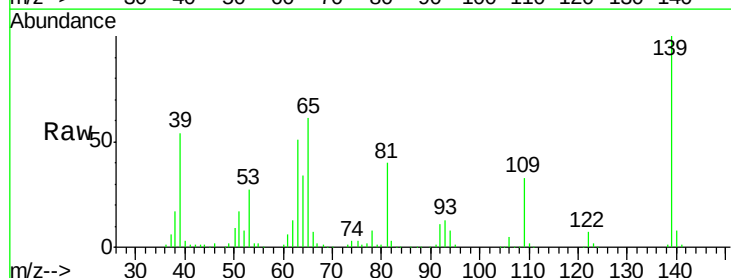
Tgt Ion: 139 Resp: 360196

Ion Ratio Lower Upper

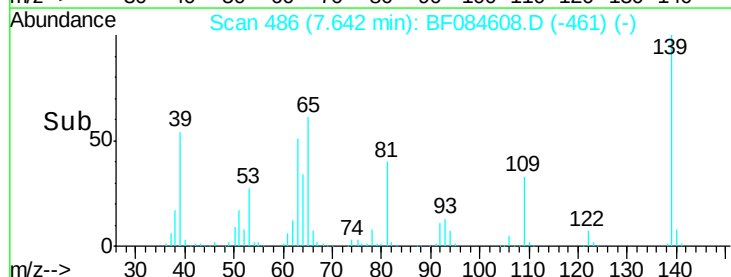
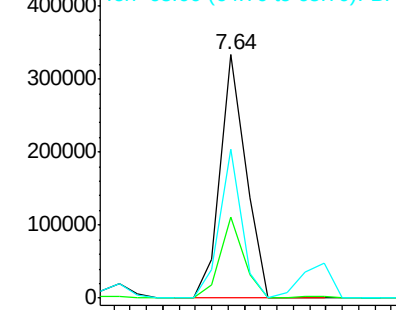
139 100

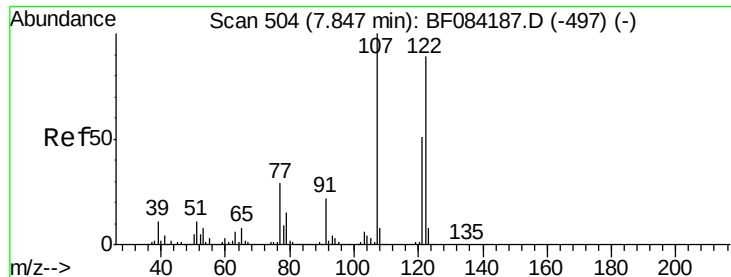
109 33.3 25.4 38.2

65 61.3 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 46.43 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

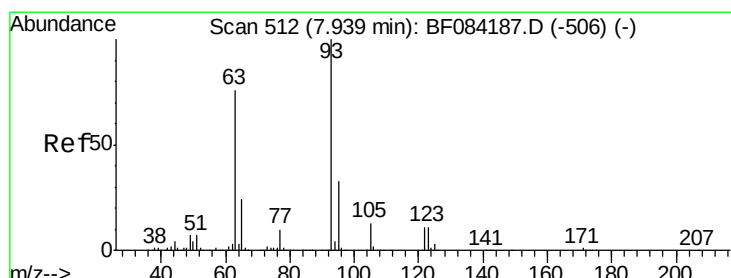
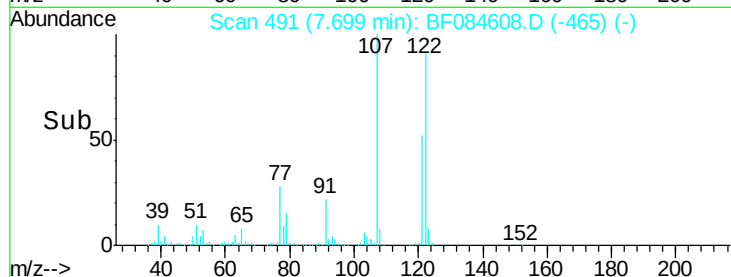
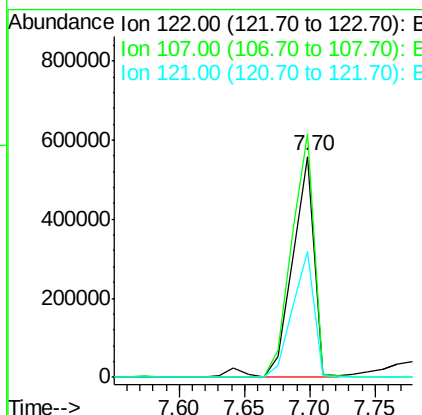
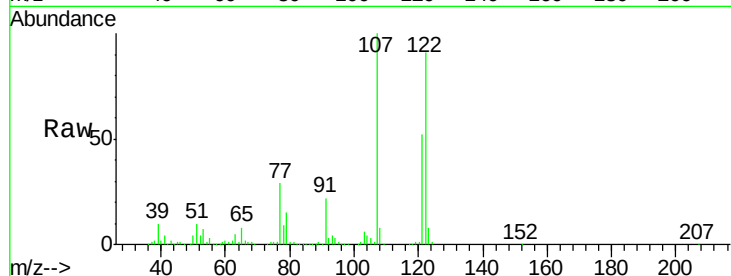
ClientSampleId :

MW-01MSD

Tot Ion:	122	Resp:	664187
Ion Ratio	Lower	Upper	
122	100		
107	110.2	99.1	148.7
121	57.0	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 53.31 ng

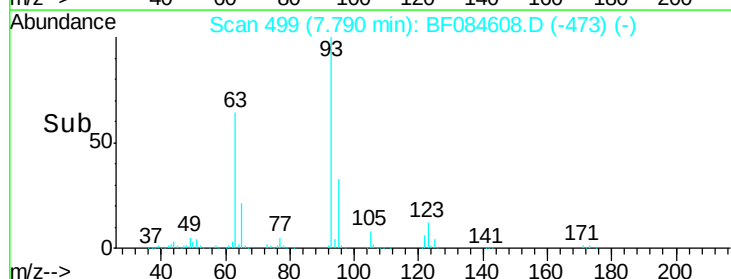
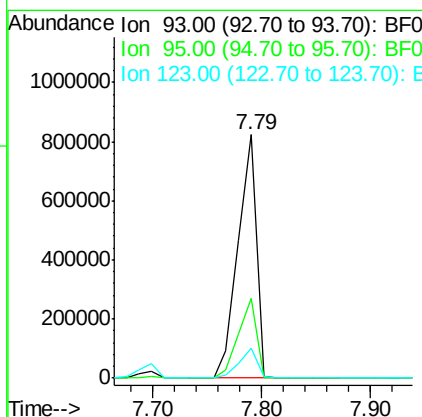
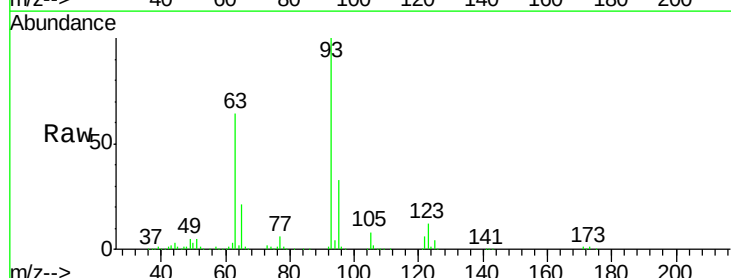
RT: 7.79 min Scan# 499

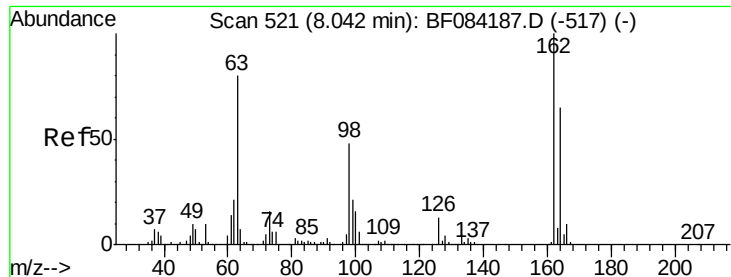
Delta R.T. -0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	93	Resp:	953481
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	12.1	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 49.91 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

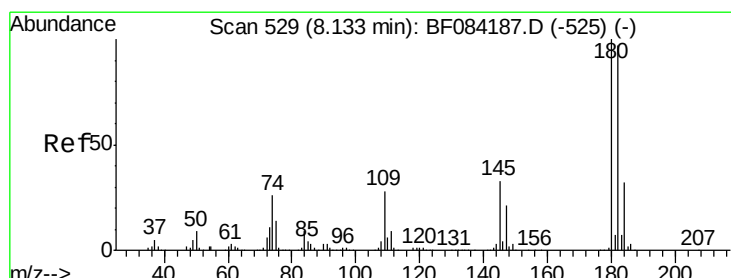
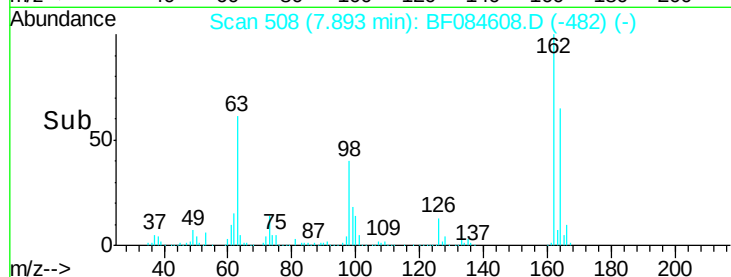
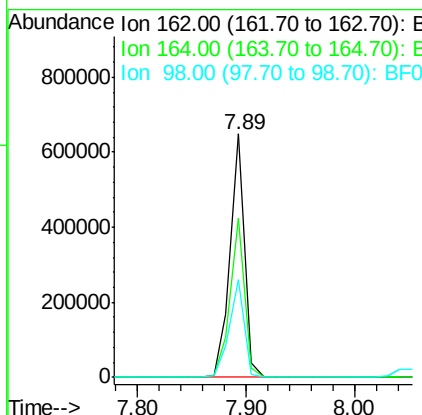
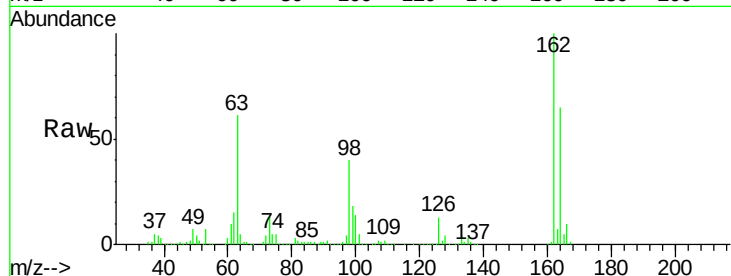
ClientSampleId :

MW-01MSD

Tot Ion:	162	Resp:	594676
Ion Ratio	Lower	Upper	
162	100		
164	65.4	44.1	84.1
98	40.3	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 50.11 ng

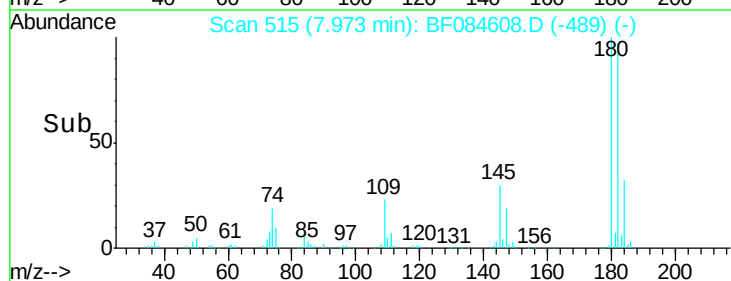
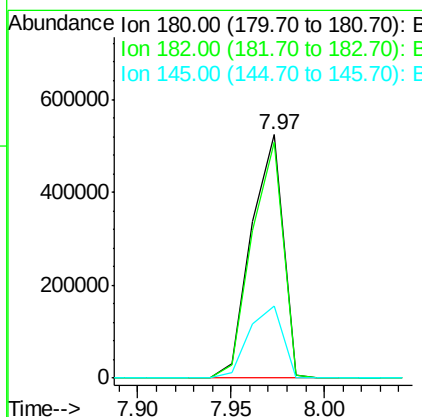
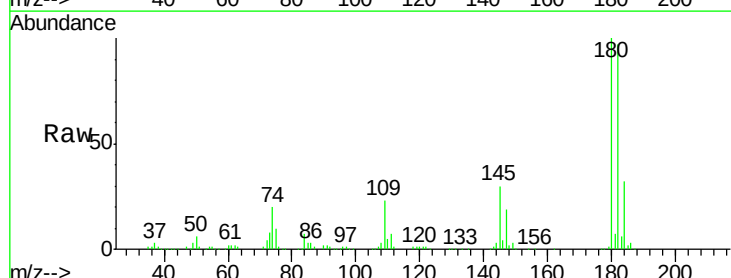
RT: 7.97 min Scan# 515

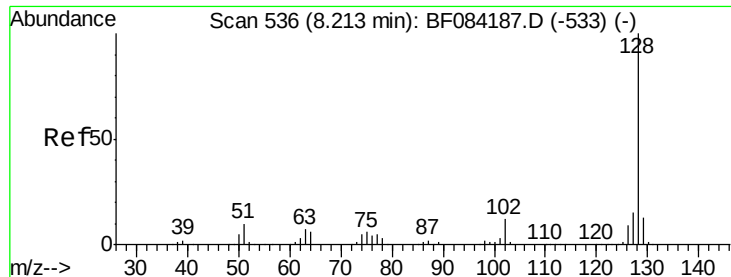
Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	180	Resp:	616444
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.4	114.6
145	29.6	31.6	47.4#





#31

Naphthalene

Concen: 51.77 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:128 Resp: 2001146

Ion Ratio Lower Upper

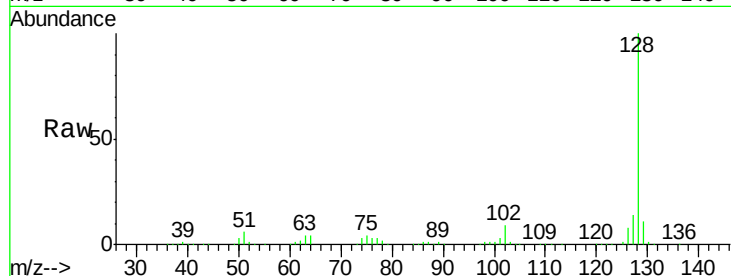
128 100

129 11.2 9.1 13.7

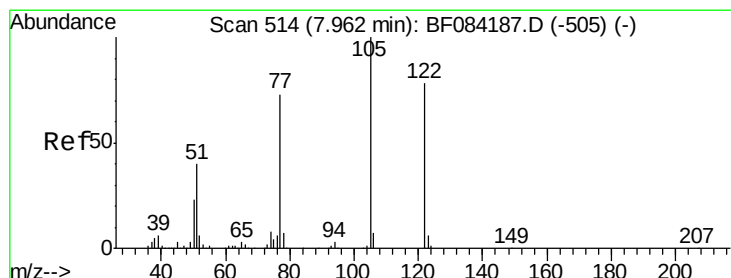
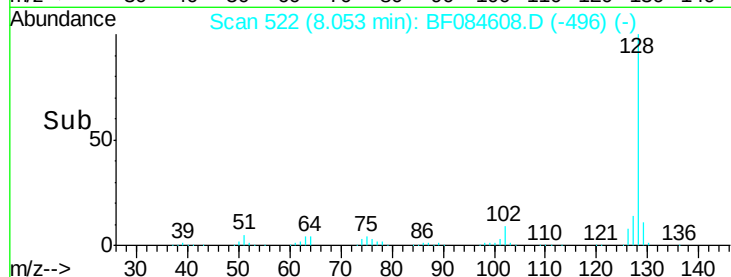
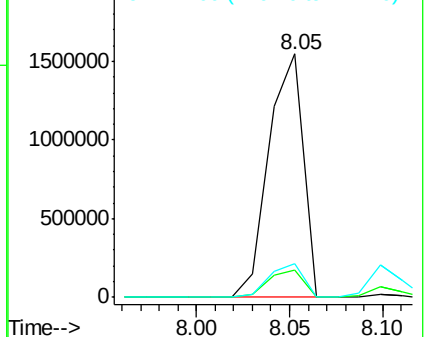
127 14.1 11.1 16.7

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



#32

Benzoic acid

Concen: 22.18 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

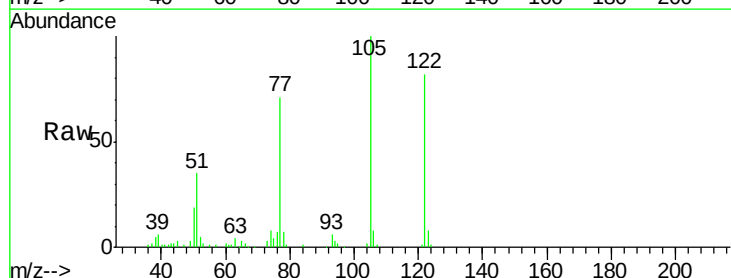
Tgt Ion:122 Resp: 168569

Ion Ratio Lower Upper

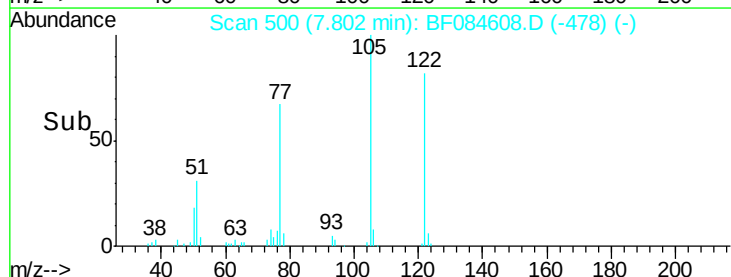
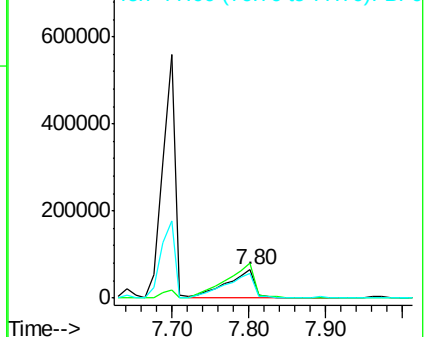
122 100

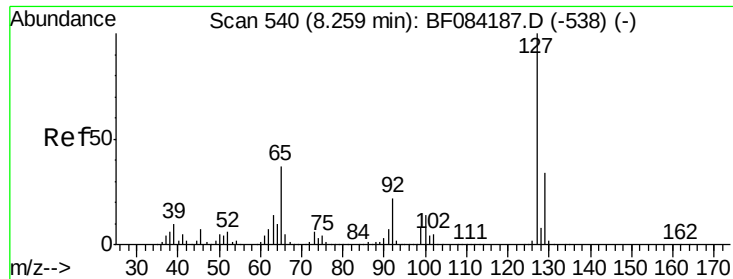
105 121.5 100.3 140.3

77 86.9 63.5 103.5



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





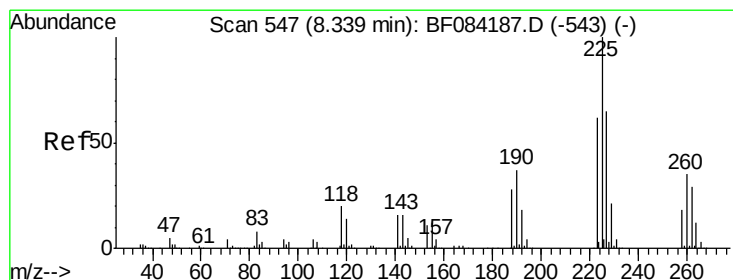
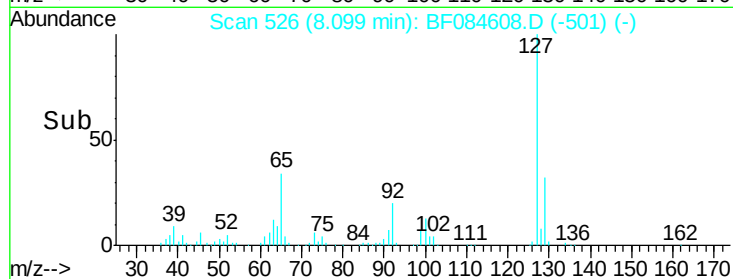
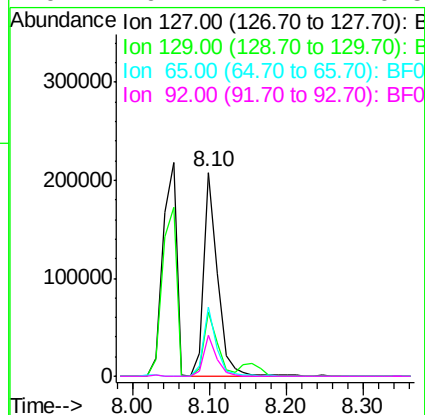
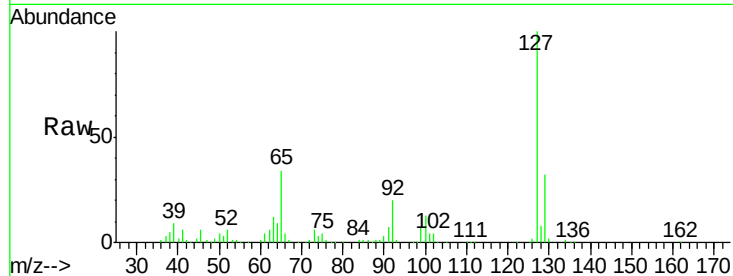
#33
4-Chloroaniline
Concen: 14.68 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.5	39.7		
65	33.8	27.2	40.8		
92	20.1	17.7	26.5		

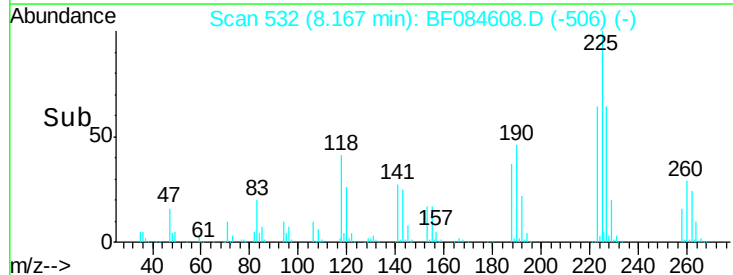
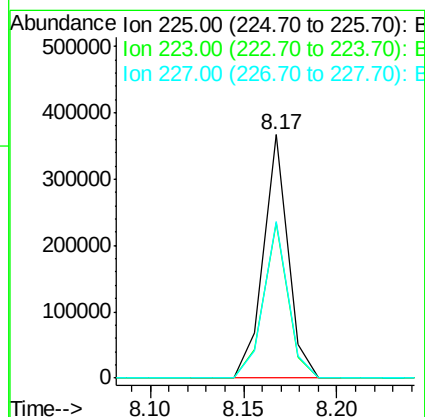
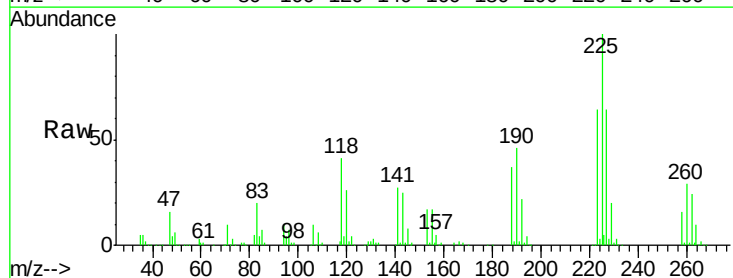
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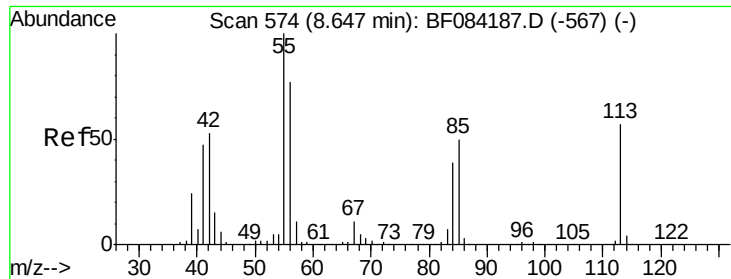
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#34
Hexachlorobutadiene
Concen: 47.17 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	49.4	74.0		
227	64.1	50.8	76.2		





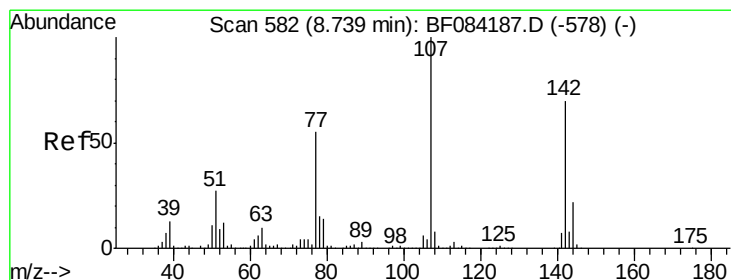
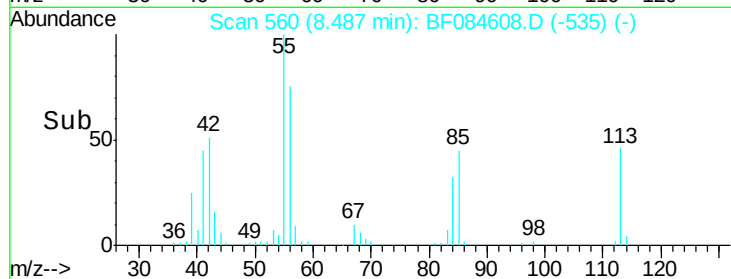
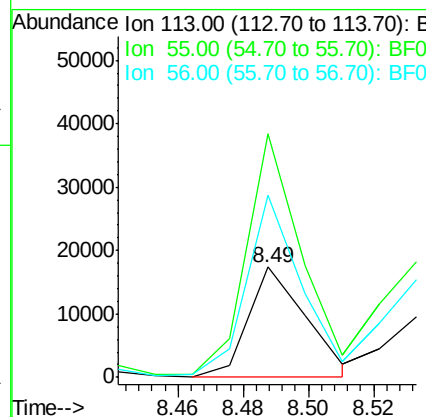
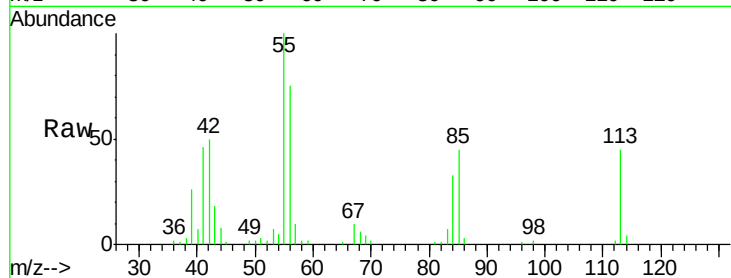
#35
 Caprolactam
 Concen: 5.31 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:113 Resp: 21334
 Ion Ratio Lower Upper
 113 100
 55 220.8 116.9 156.9#
 56 165.2 93.8 133.8#

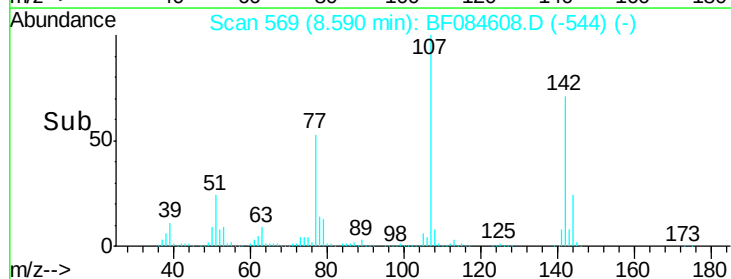
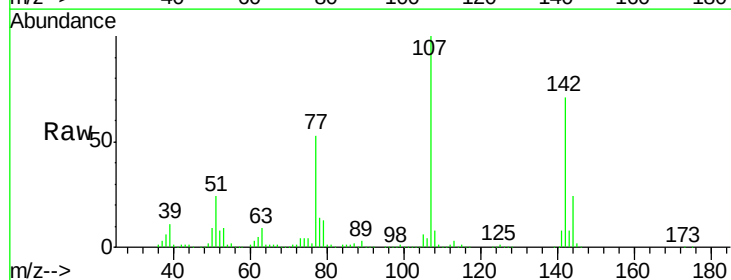
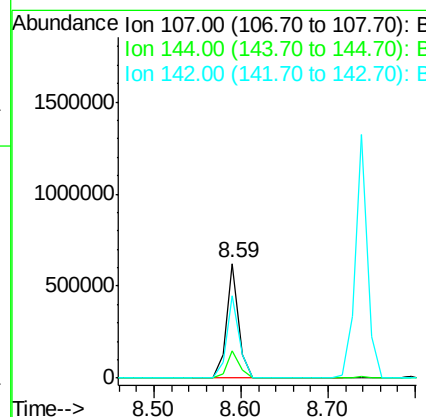
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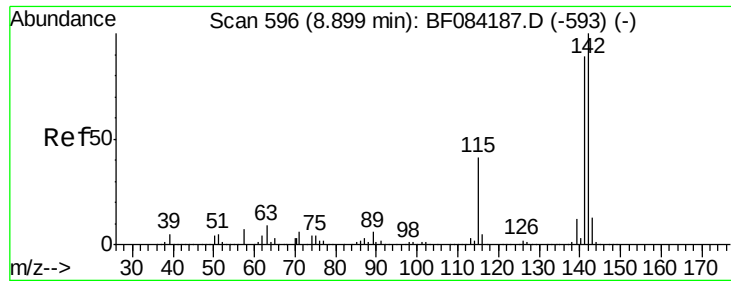
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#36
 4-Chloro-3-methylphenol
 Concen: 46.29 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion:107 Resp: 617772
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.7 29.5
 142 71.5 61.8 92.6





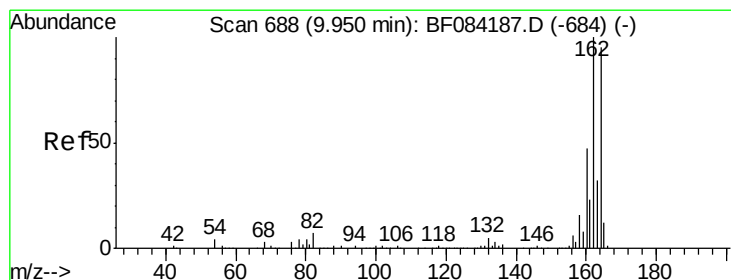
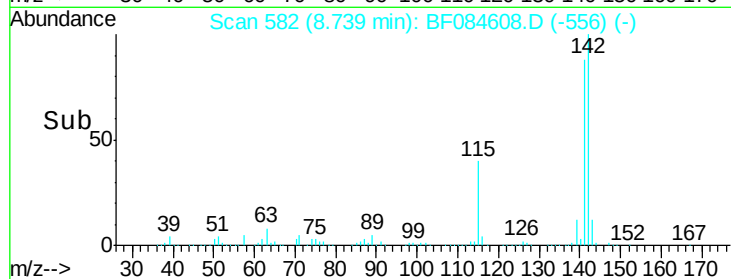
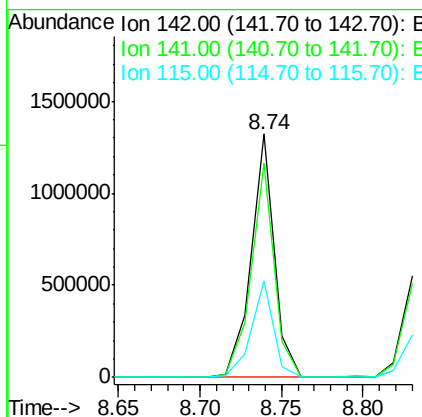
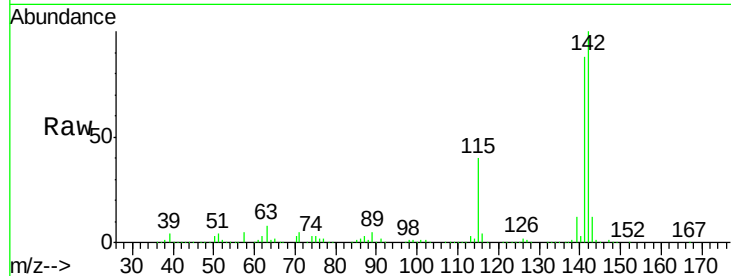
#37
2-Methylnaphthalene
Concen: 47.07 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.4	108.6
115	39.8	27.9	41.9

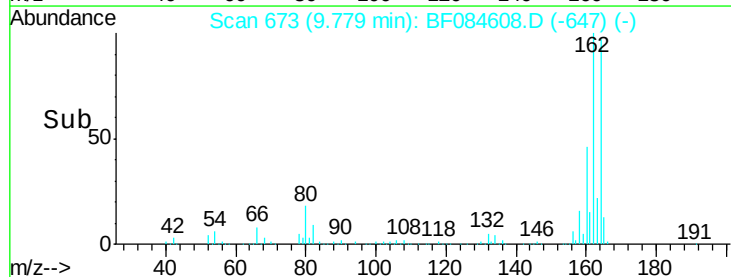
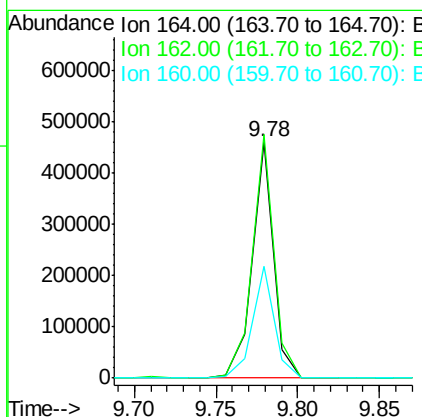
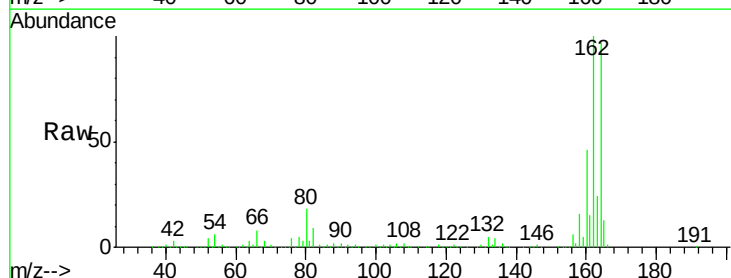
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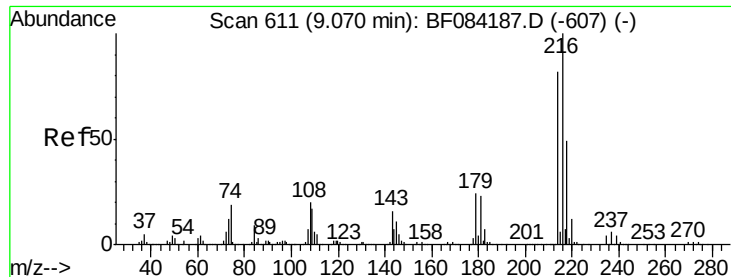
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	47.4	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.86 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

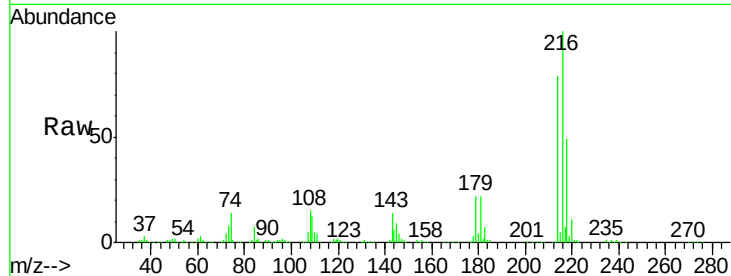
ClientSampleId :

MW-01MSD

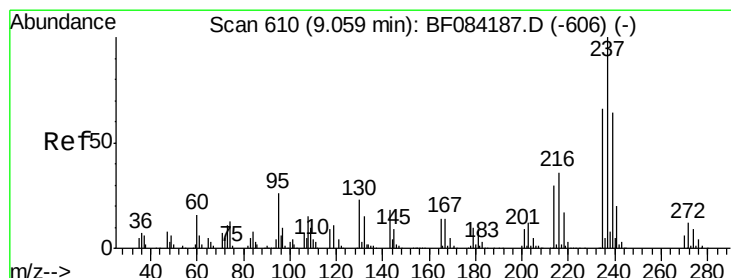
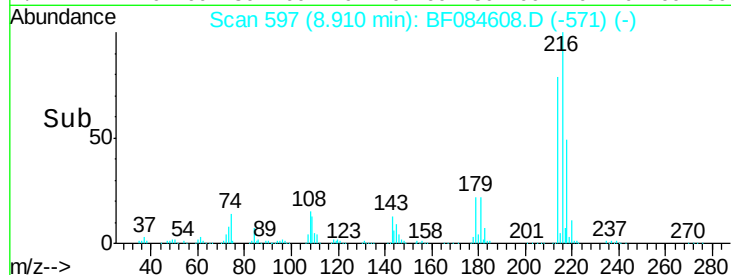
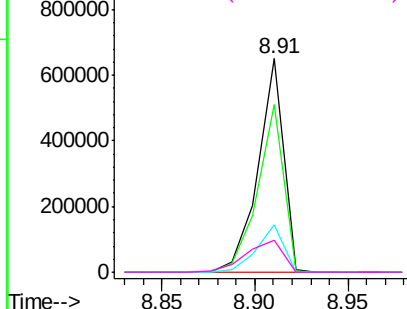
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		612204		
214	79.9	64.2	96.2		
179	23.3	18.7	28.1		
108	21.9	16.8	25.2		

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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: 80.31 ng

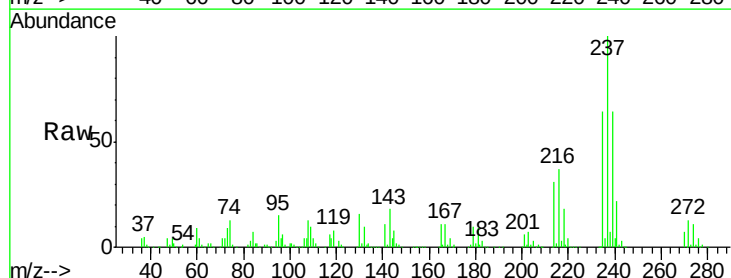
RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

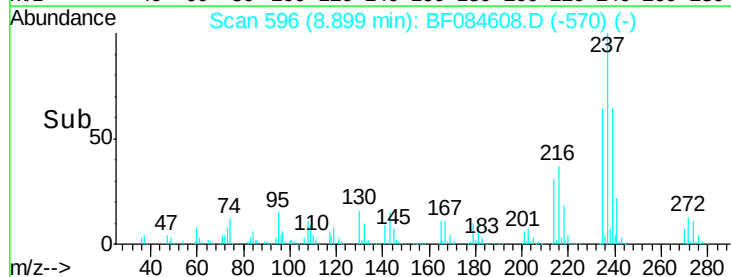
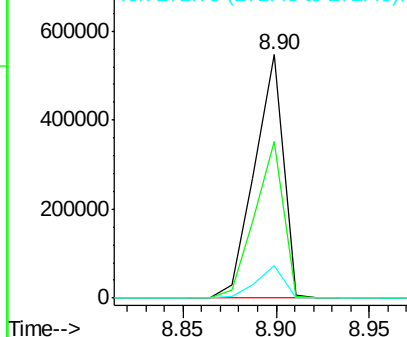
Lab File: BF084608.D

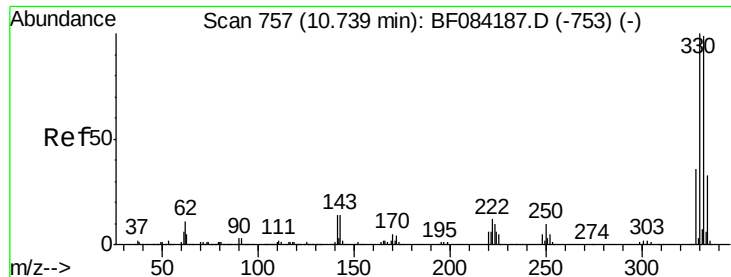
Acq: 25 Jan 2016 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		583526		
235	64.2	43.1	83.1		
272	13.4	0.0	35.1		



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





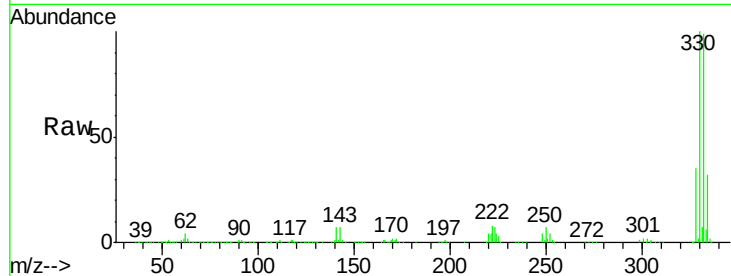
#41
 2,4,6-Tribromophenol
 Concen: 160.50 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

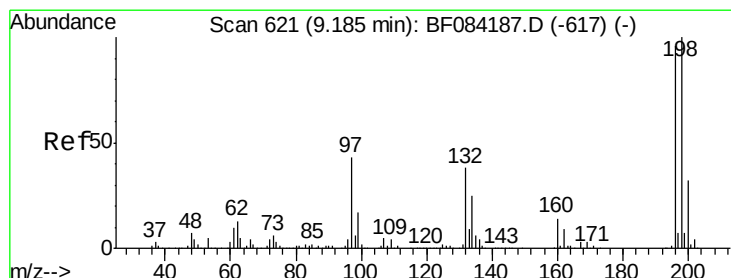
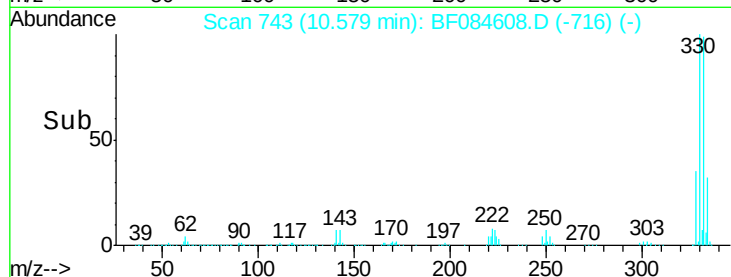
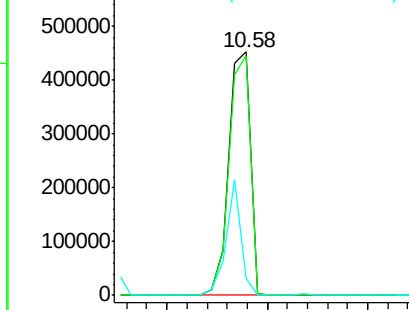
Tot Ion	Ratio	Resp	Lower	Upper
330	100	678434		
332	97.1	76.6	114.8	
141	32.6	27.8	41.6	

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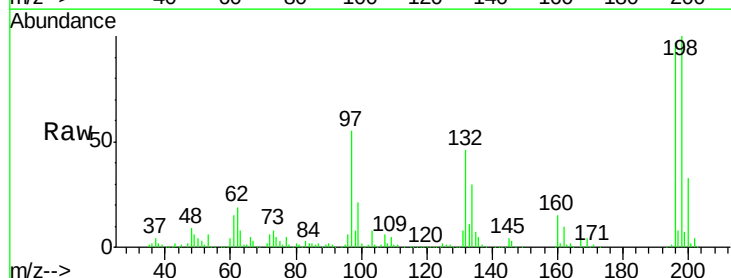


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

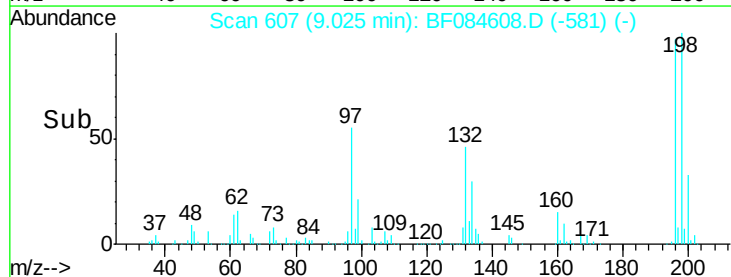
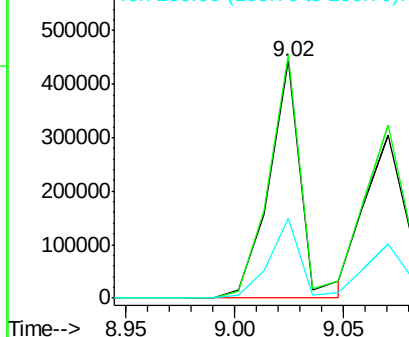


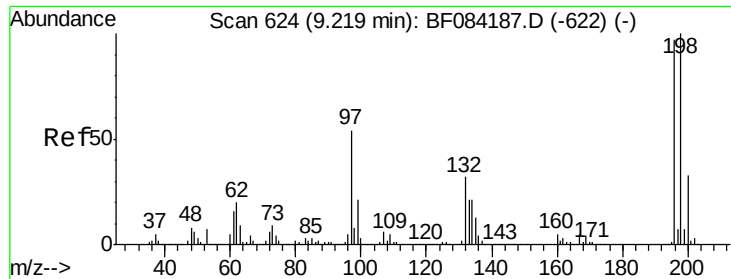
#42
 2,4,6-Trichlorophenol
 Concen: 50.36 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	453515		
198	102.7	77.7	116.5	
200	33.7	24.6	37.0	



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





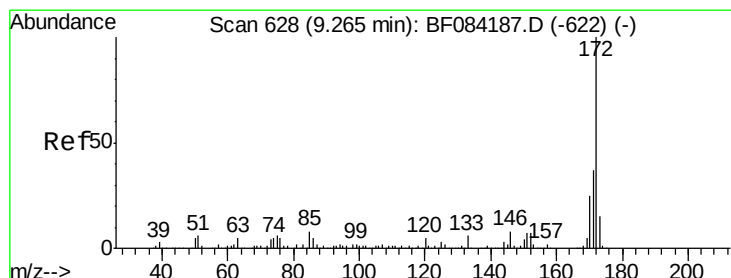
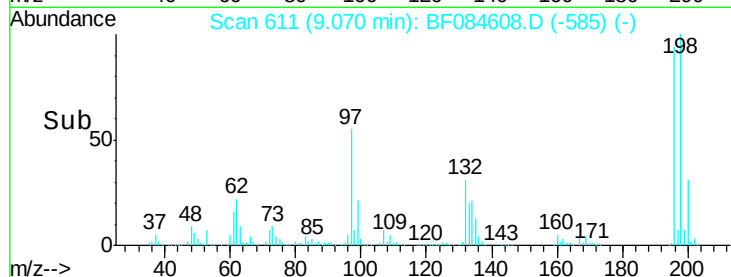
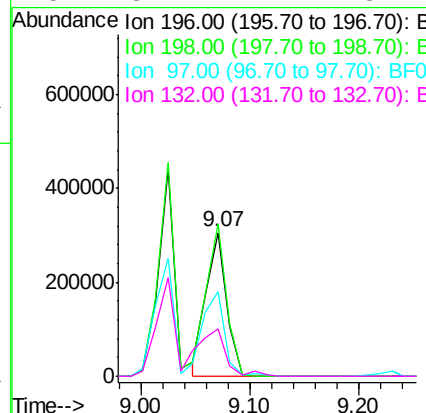
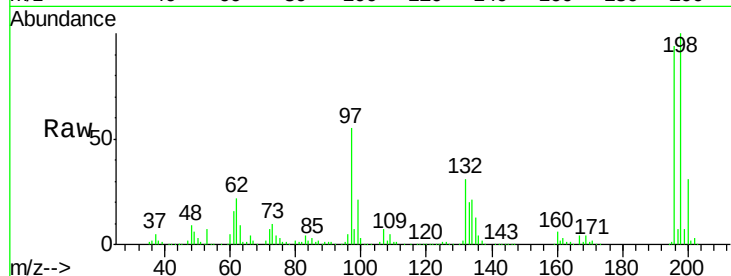
#43
 2,4,5-Trichlorophenol
 Concen: 46.98 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	106.0	79.0	118.6	
97	58.7	33.0	49.6	
132	32.7	21.1	31.7	

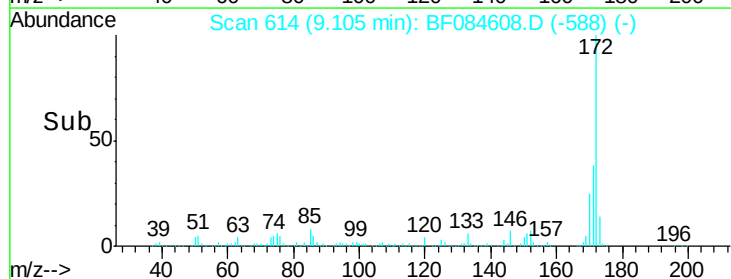
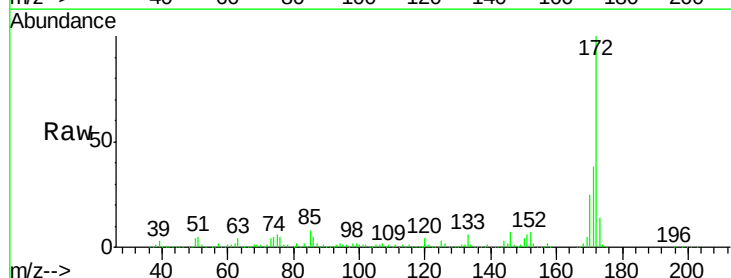
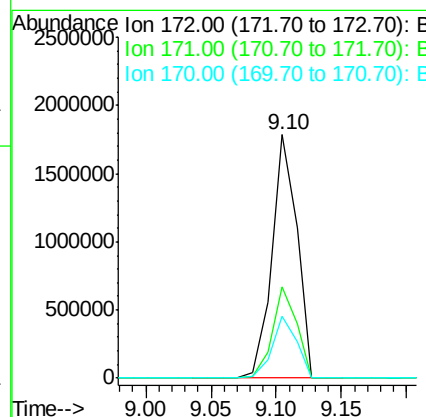
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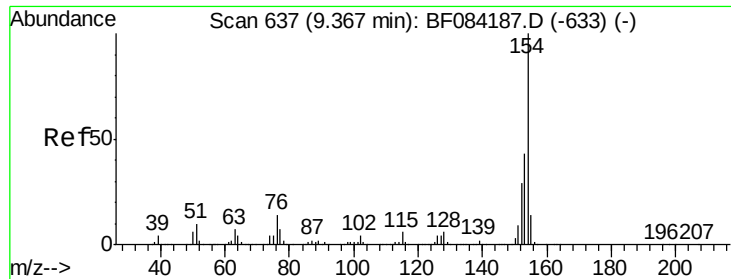
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 101.76 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.5	28.9	43.3	
170	25.4	18.6	27.8	





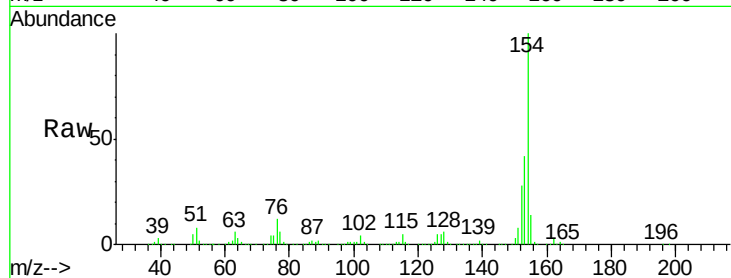
#45
1,1'-Biphenyl
Concen: 50.24 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.6	61.6
76	12.1	0.0	32.7

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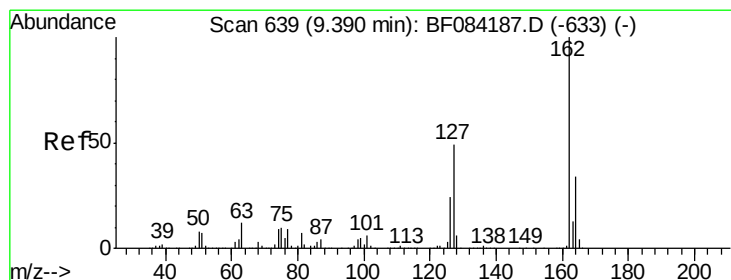
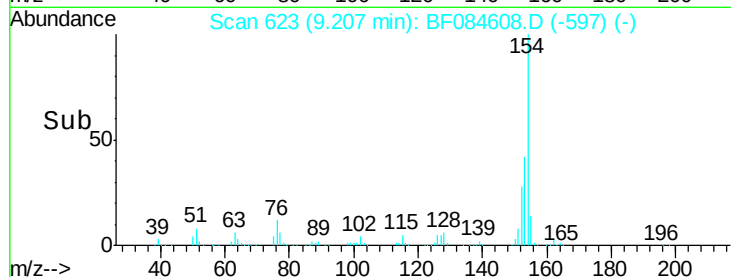
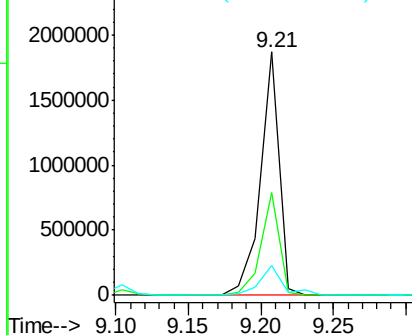


Abundance

Ion 154.00 (153.70 to 154.70): E

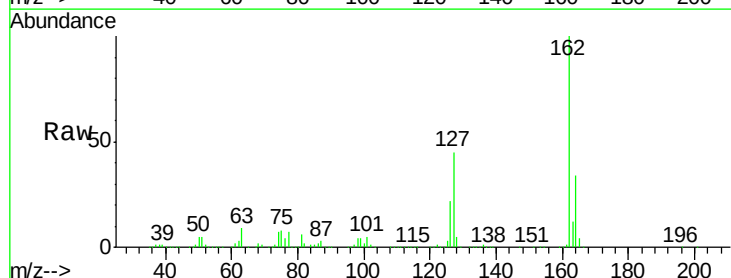
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 49.93 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.2	40.2	60.4
164	34.0	25.7	38.5

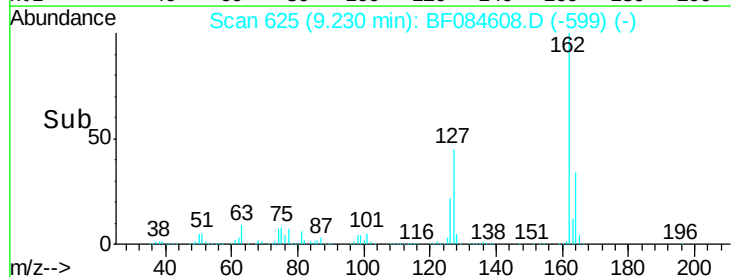
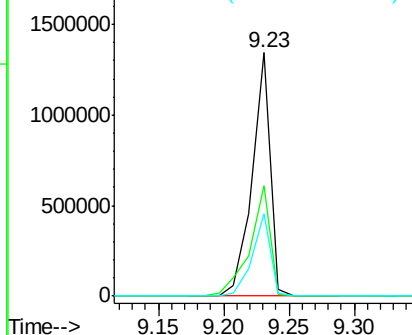


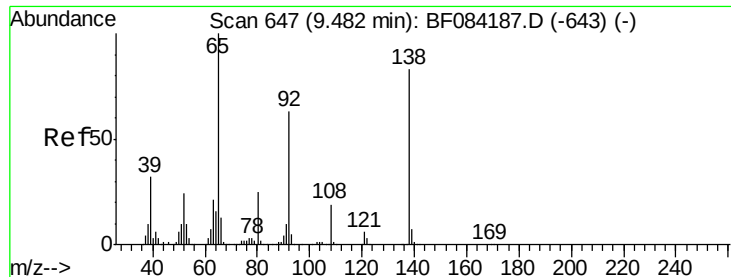
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 58.41 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

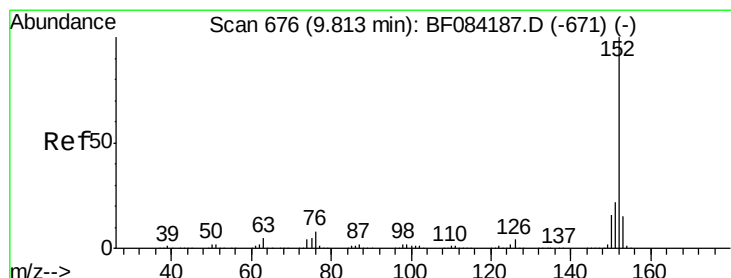
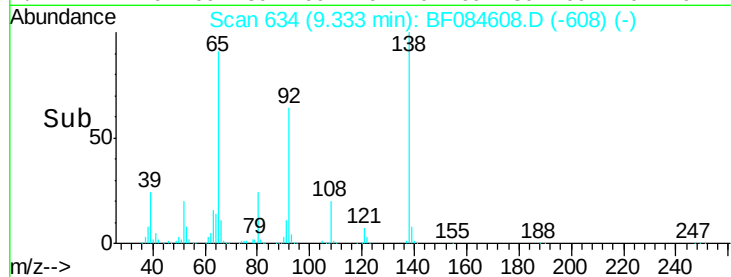
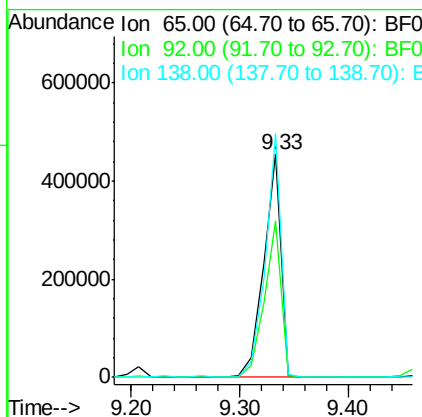
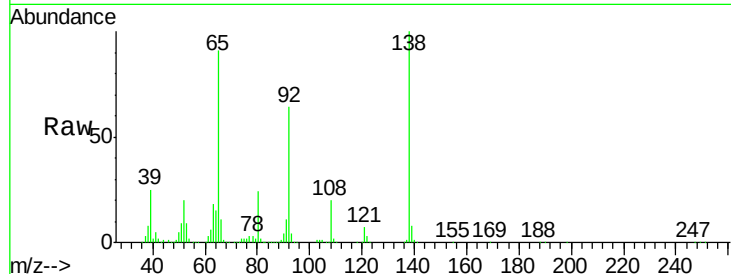
ClientSampleId :

MW-01MSD

Tot Ion:	65	Resp:	503923
Ion Ratio	Lower	Upper	
65	100		
92	70.1	53.4	80.2
138	109.4	71.1	106.7#

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#48

Acenaphthylene

Concen: 46.88 ng

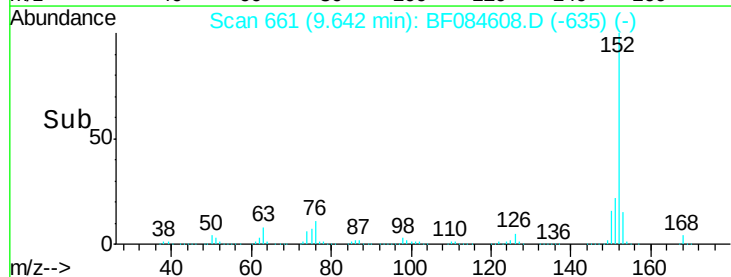
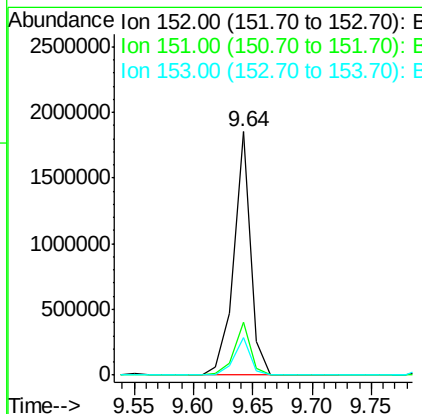
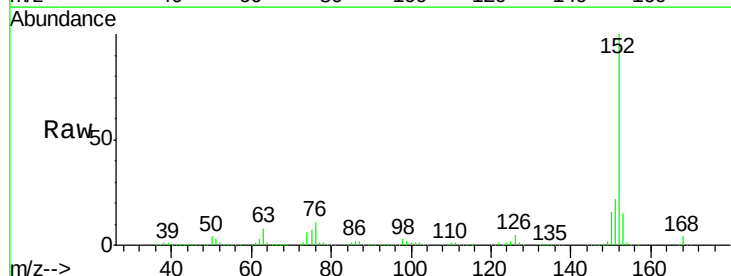
RT: 9.64 min Scan# 661

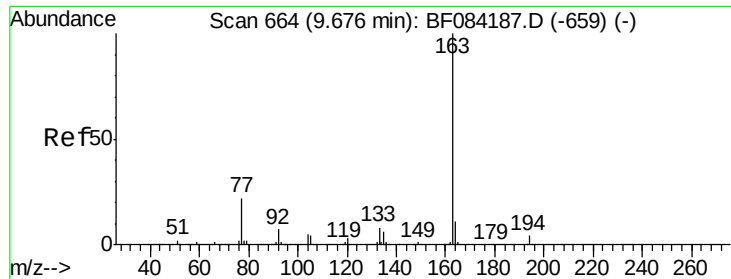
Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	152	Resp:	1810184
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.3	24.5
153	15.4	10.4	15.6





#49

Dimethylphthalate

Concen: 51.27 ng

RT: 9.52 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

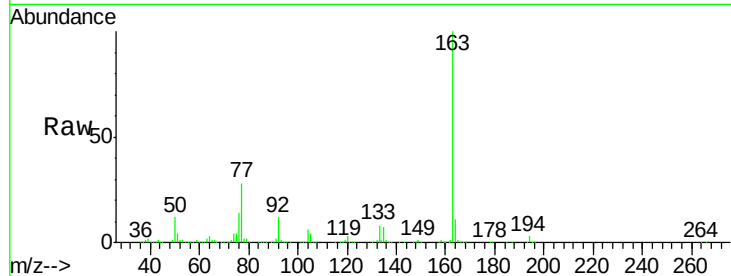
ClientSampleId :

MW-01MSD

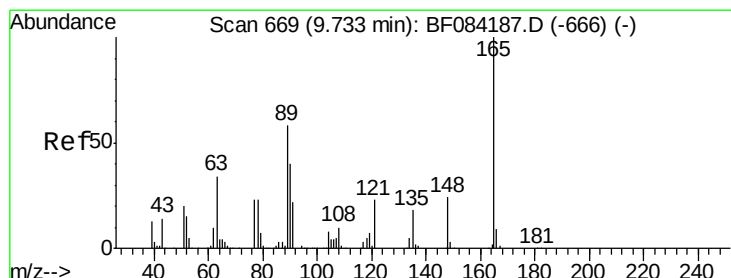
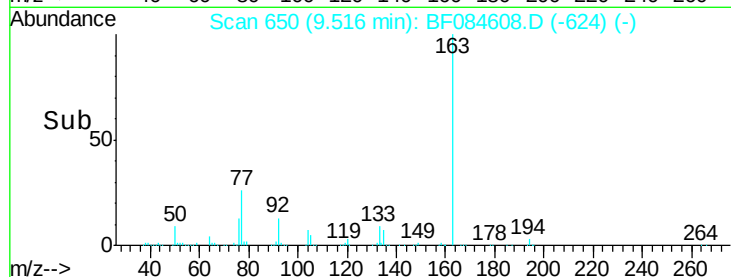
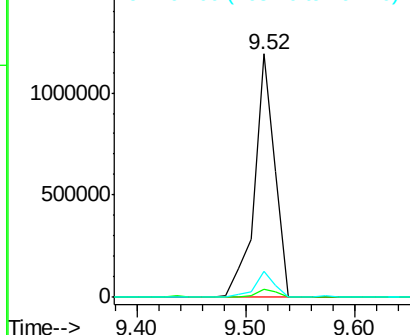
Tot Ion:	163	Resp:	1534550
Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.8	8.0	12.0

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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: 48.84 ng

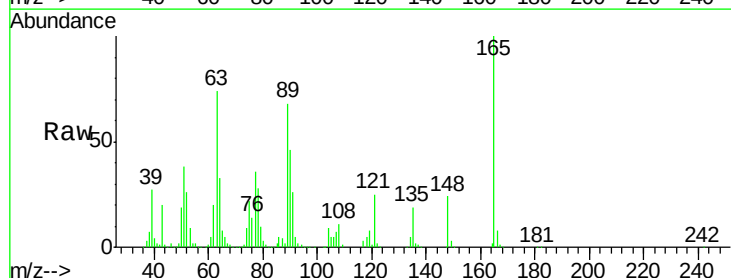
RT: 9.57 min Scan# 655

Delta R.T. -0.00 min

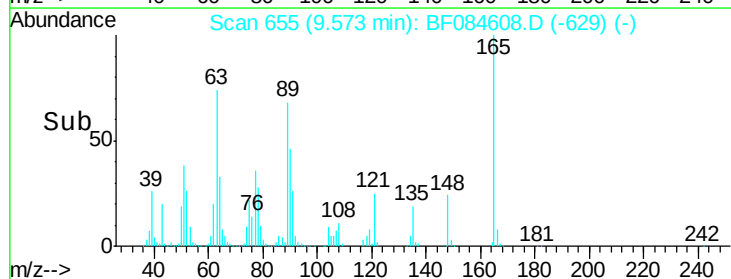
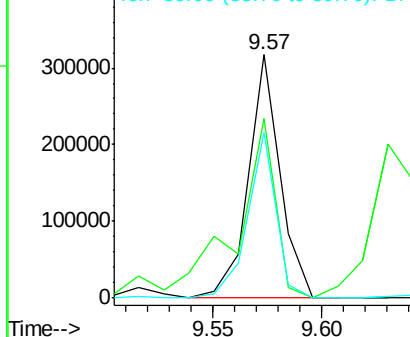
Lab File: BF084608.D

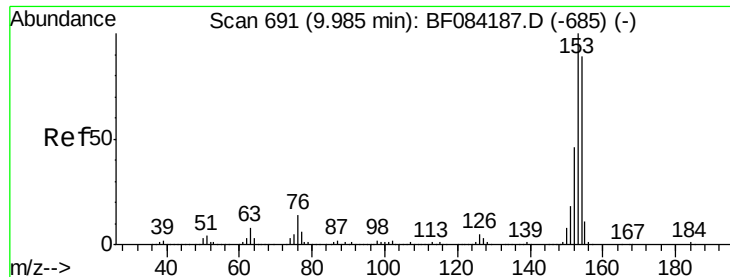
Acq: 25 Jan 2016 15:41

Tgt Ion:	165	Resp:	320622
Ion	Ratio	Lower	Upper
165	100		
63	73.8	28.8	43.2#
89	68.2	35.1	52.7#



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





#51

Acenaphthene

Concen: 46.31 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:154 Resp: 1199482

Ion Ratio Lower Upper

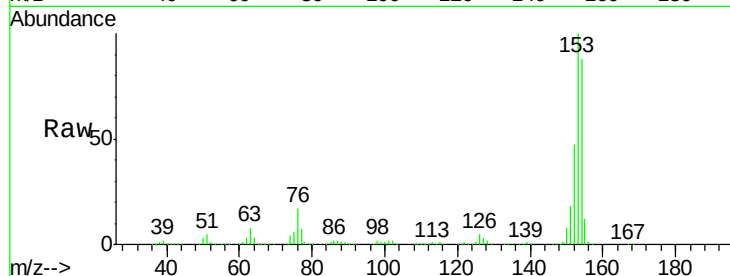
154 100

153 113.5 91.5 137.3

152 53.2 43.0 64.6

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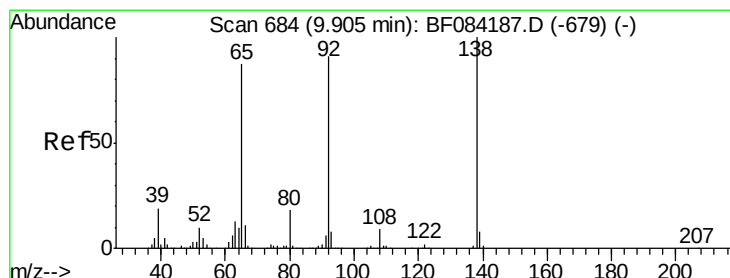
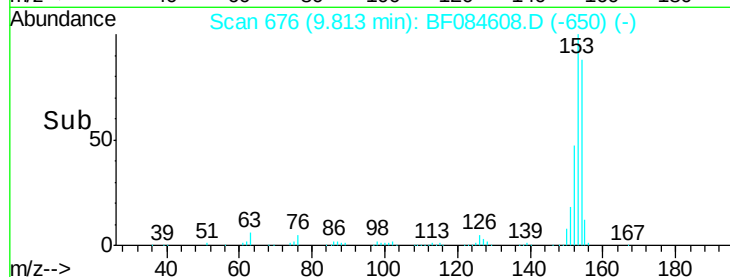
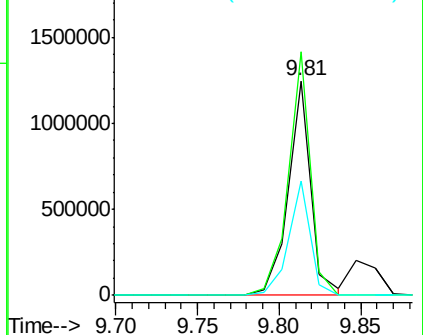
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.62 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

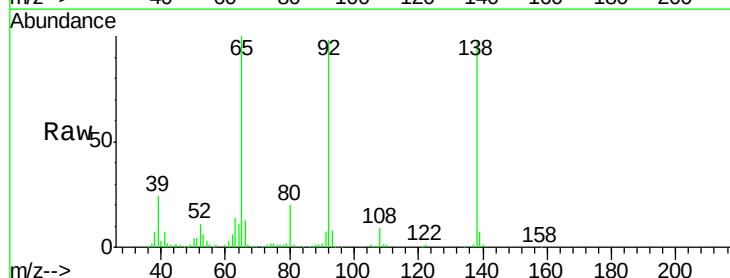
Tgt Ion:138 Resp: 192185

Ion Ratio Lower Upper

138 100

108 9.5 10.5 15.7#

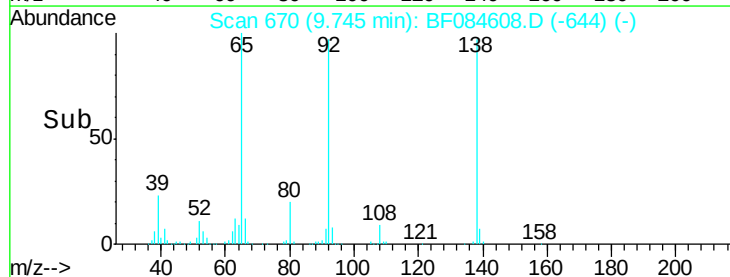
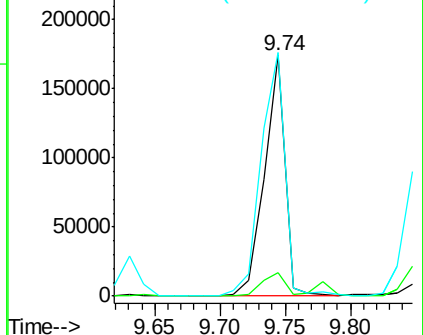
92 101.3 103.9 155.9#

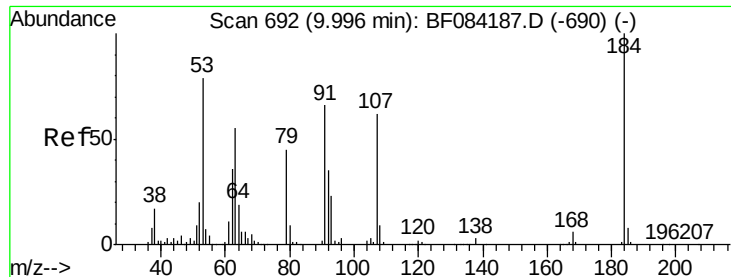


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





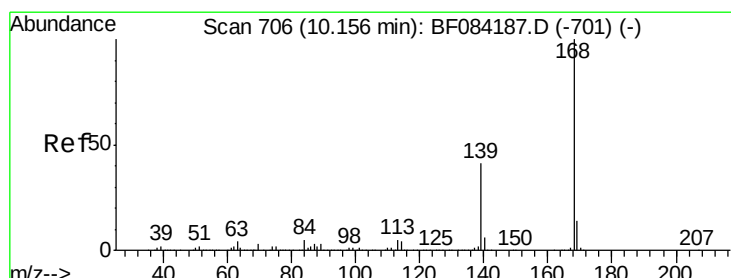
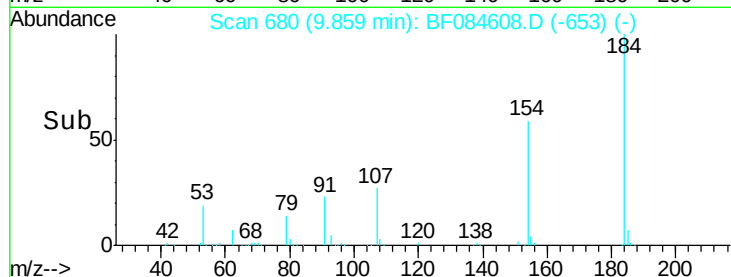
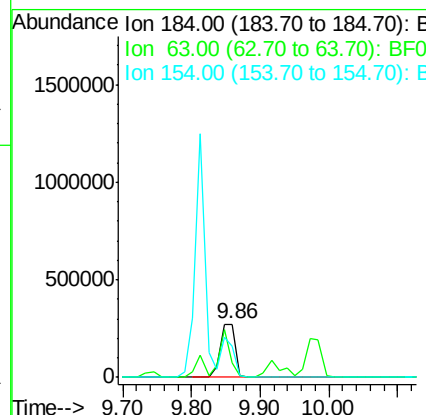
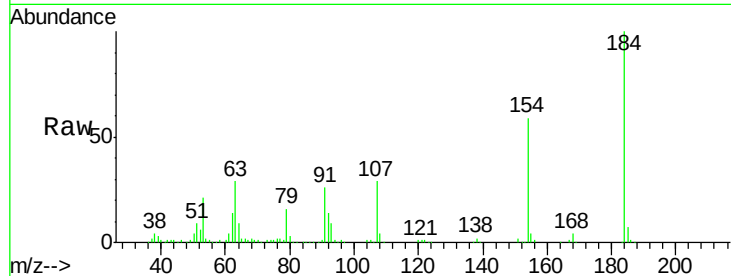
#53
2,4-Dinitrophenol
Concen: 152.39 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	28.6	43.1	64.7#
154	59.2	60.5	90.7#

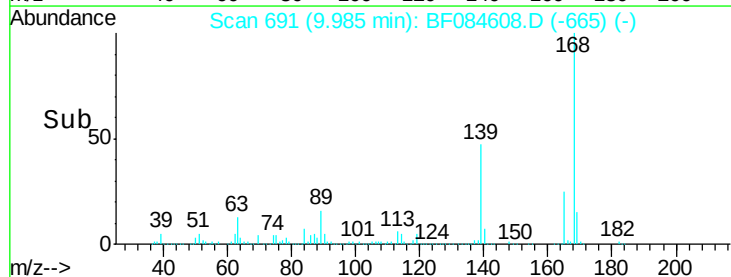
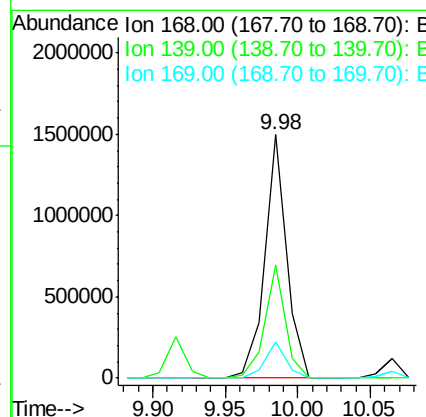
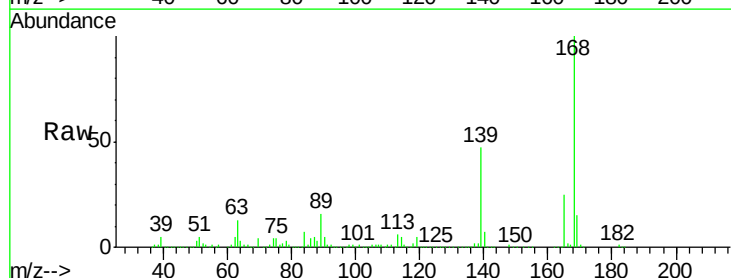
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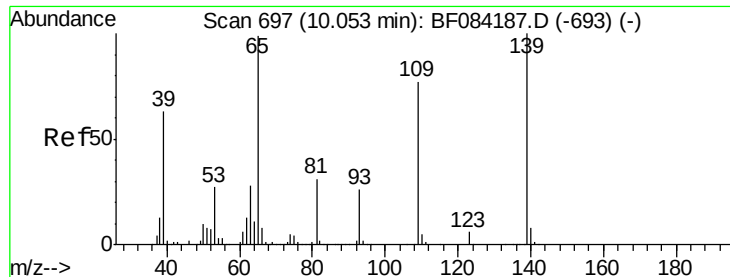
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#54
Dibenzofuran
Concen: 46.52 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.6	30.5	45.7#
169	14.7	10.4	15.6





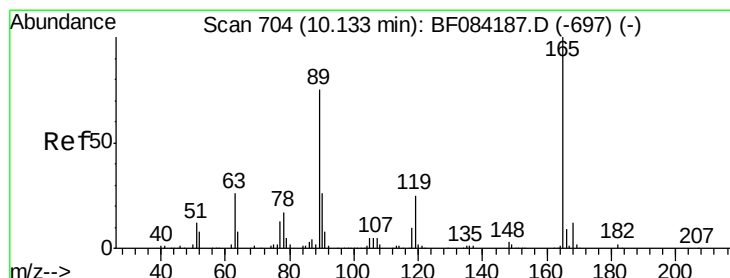
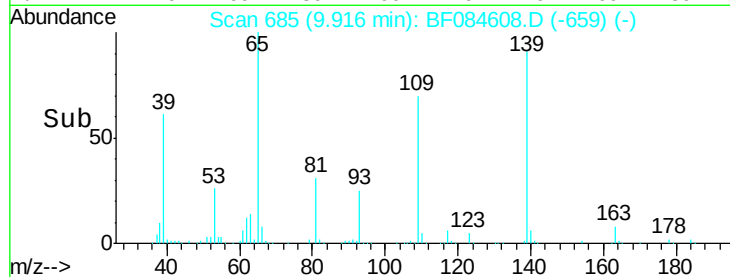
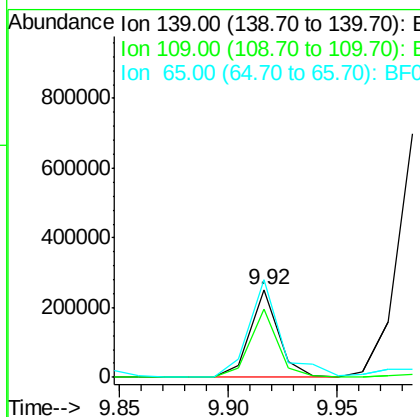
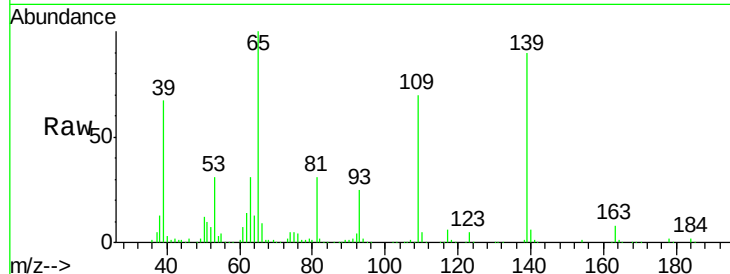
#55
4-Nitrophenol
Concen: 39.50 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	233271		
109	77.4	58.5	98.5	
65	110.8	57.6	97.6	

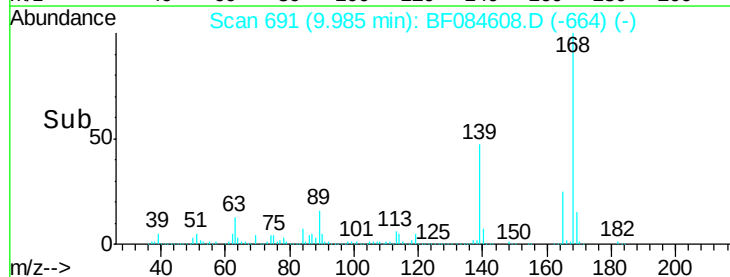
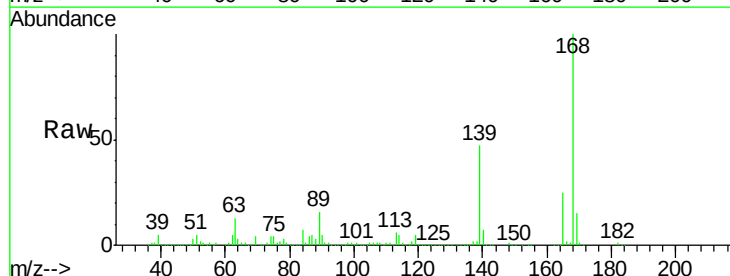
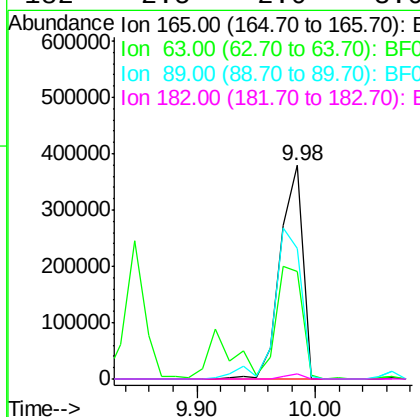
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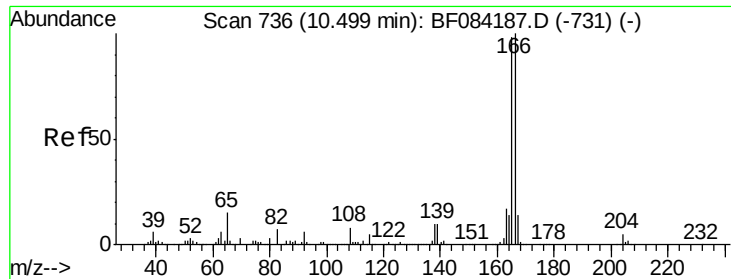
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#56
2,4-Dinitrotoluene
Concen: 59.30 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	492761		
63	50.5	36.7	55.1	
89	61.2	61.9	92.9	
182	2.5	2.0	3.0	





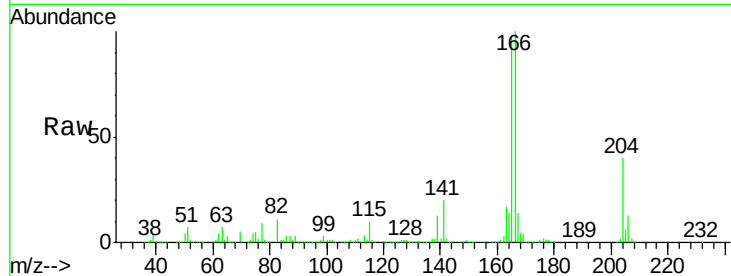
#57
 Fluorene
 Concen: 51.28 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

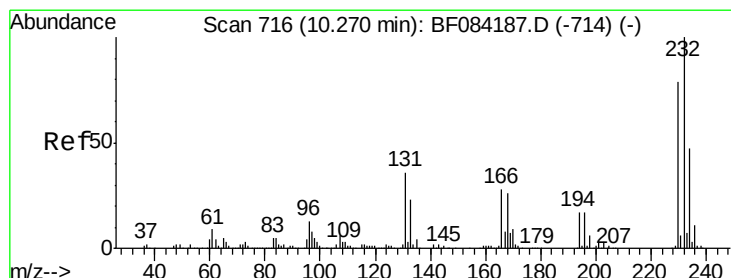
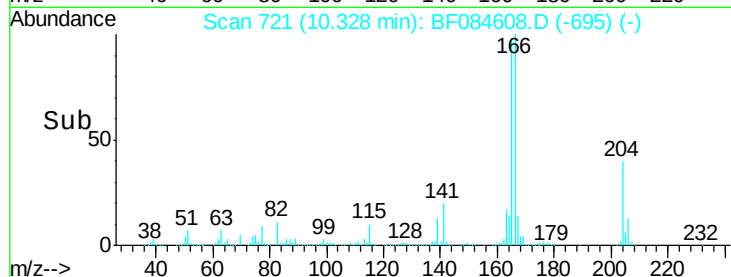
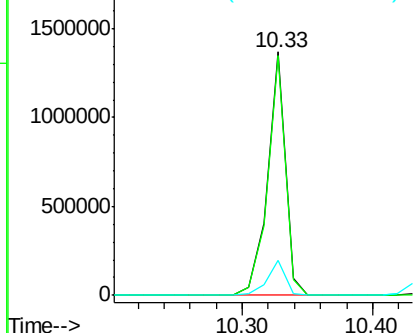
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.1	118.7
167	14.2	10.4	15.6

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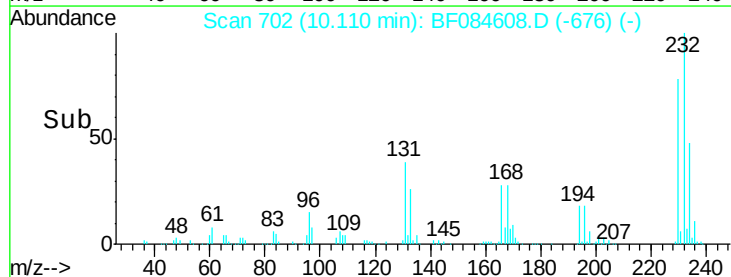
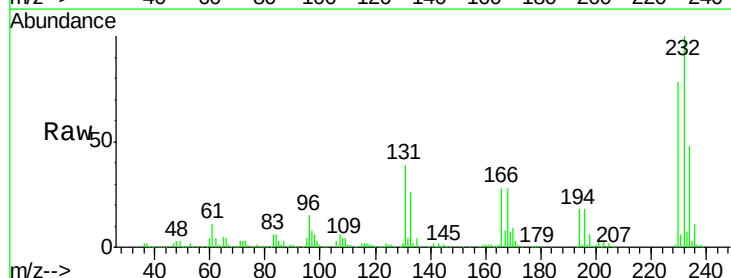
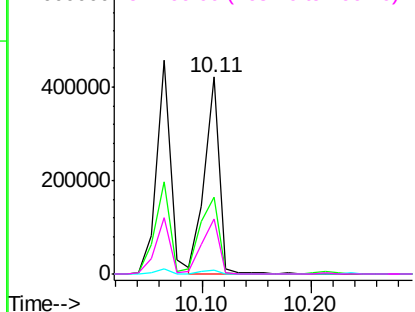
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

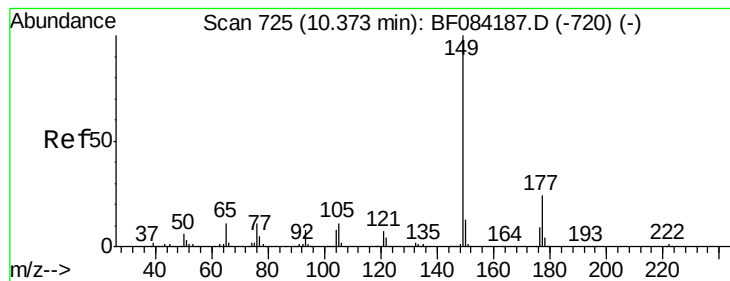


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.37 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.7	47.0	70.6
130	2.5	2.0	3.0
166	31.6	30.5	45.7

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





#59

Diethylphthalate

Concen: 50.07 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:149 Resp: 1477714

Ion Ratio Lower Upper

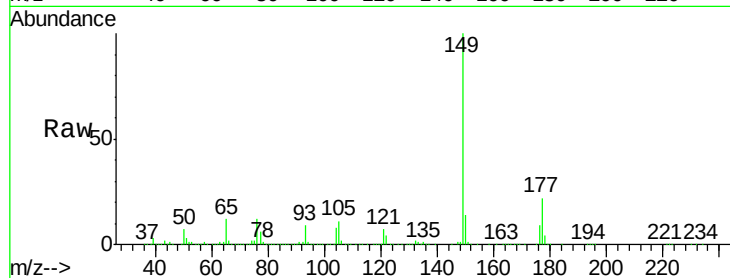
149 100

177 21.8 17.3 25.9

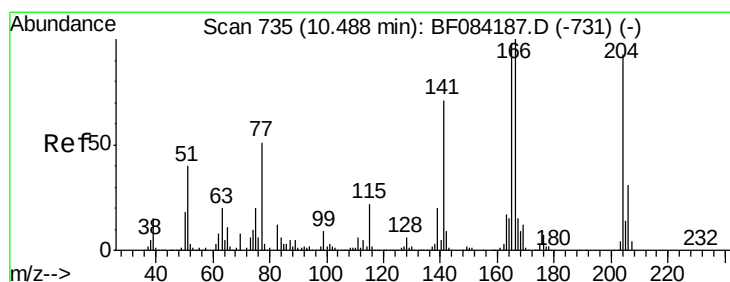
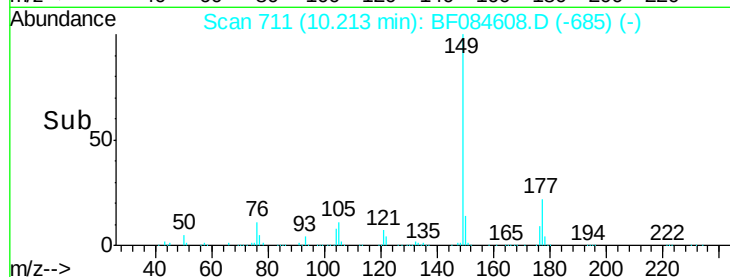
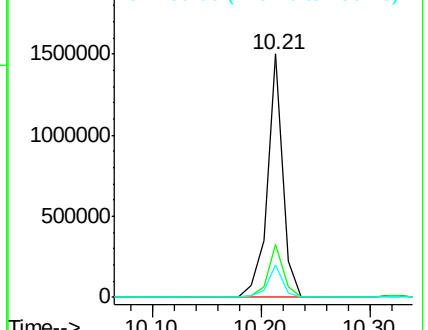
150 13.6 9.8 14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 63.55 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

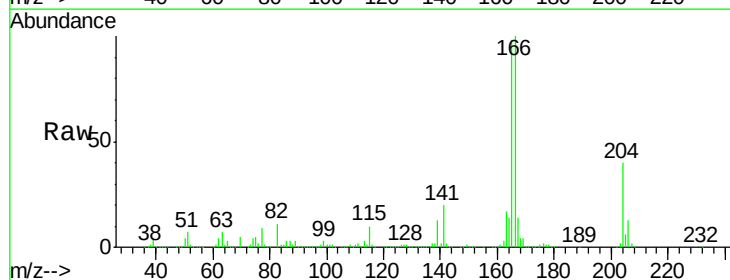
Tgt Ion:204 Resp: 659908

Ion Ratio Lower Upper

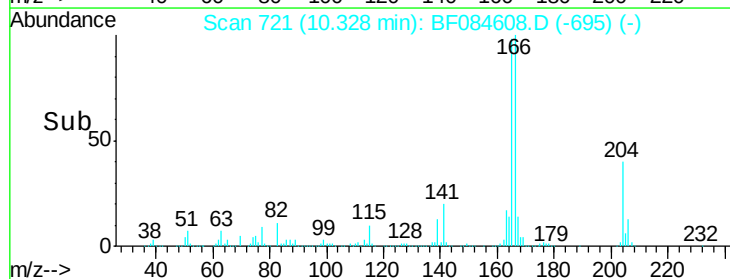
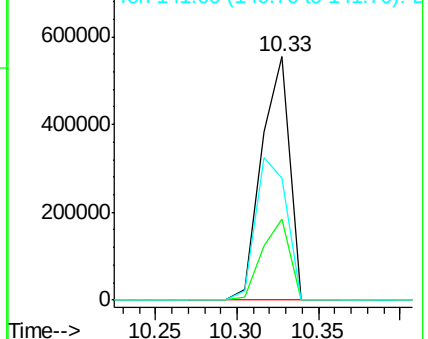
204 100

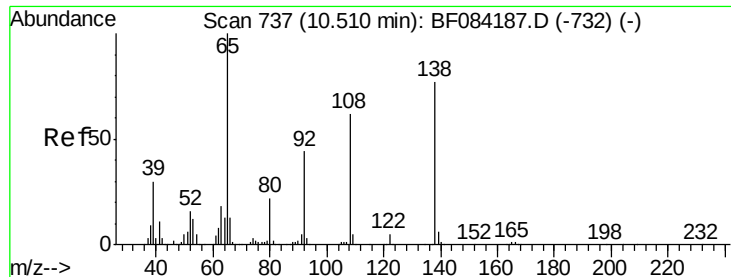
206 33.3 25.7 38.5

141 50.3 55.1 82.7#



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





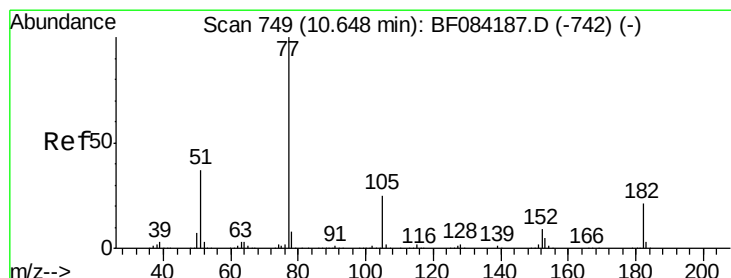
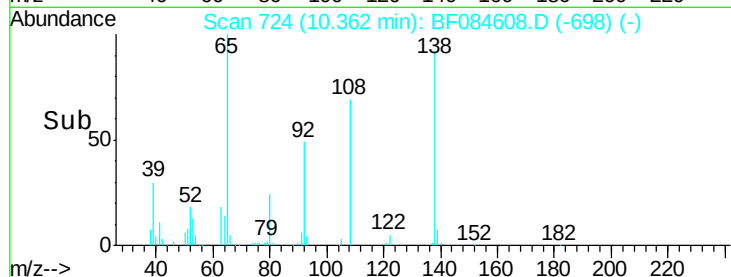
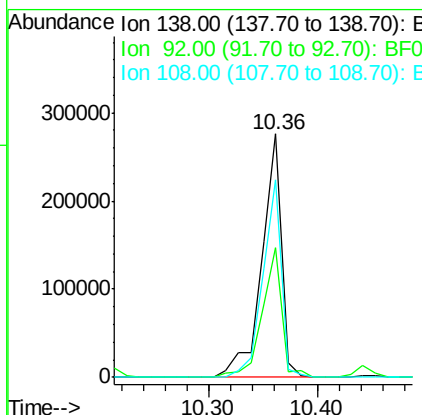
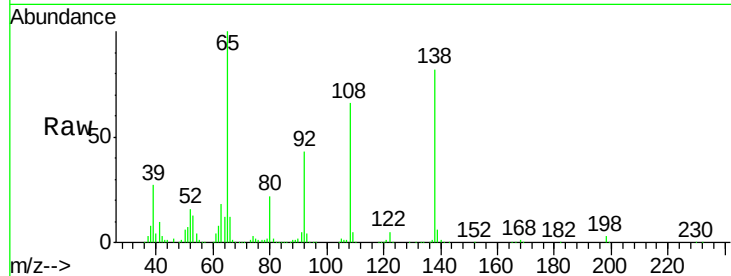
#61
4-Nitroaniline
Concen: 48.63 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	32.6	72.6
108	81.4	68.6	108.6

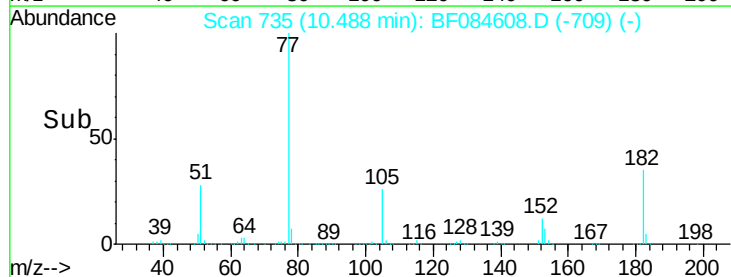
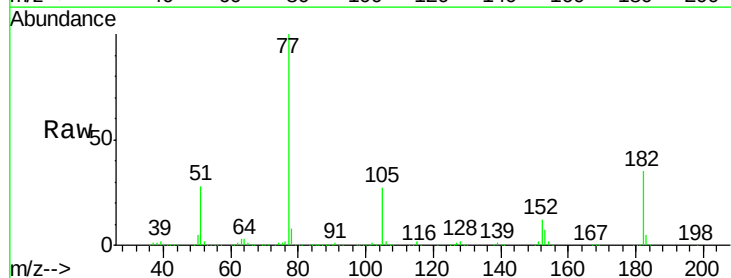
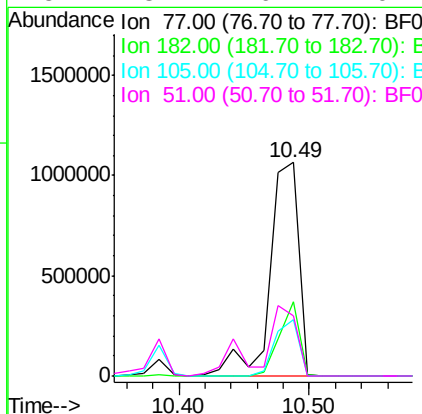
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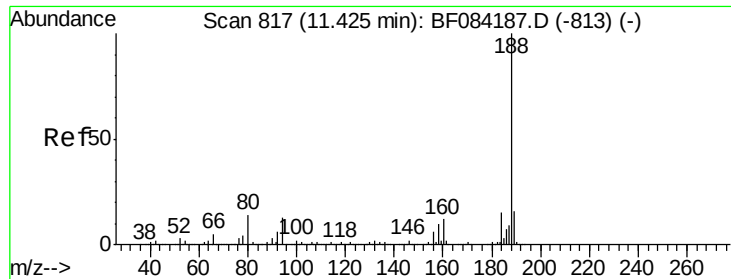
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#62
Azobenzene
Concen: 51.44 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.5	8.3	48.3
105	26.6	4.6	44.6
51	28.4	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

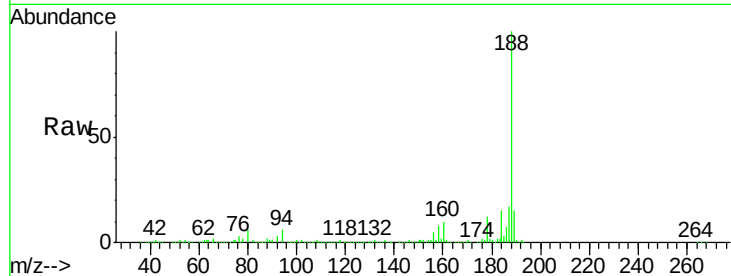
ClientSampleId :

MW-01MSD

Tot Ion:	188	Resp:	801744
Ion Ratio	Lower	Upper	
188	100		
94	6.1	9.0	13.4#
80	6.3	9.6	14.4#

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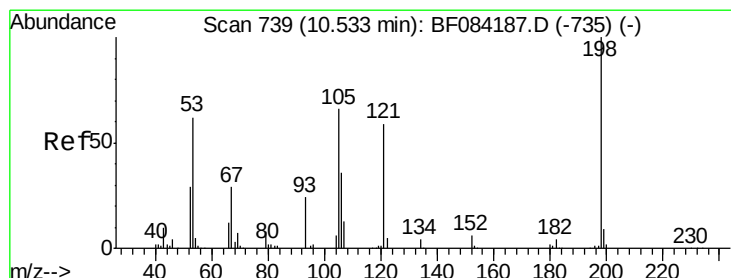
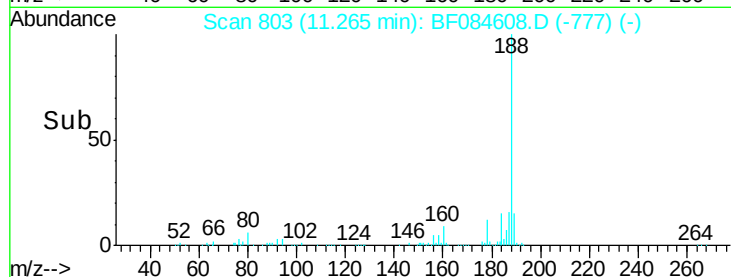
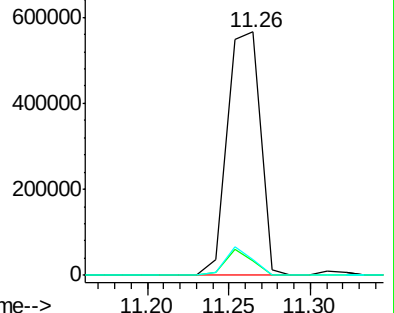
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 53.62 ng

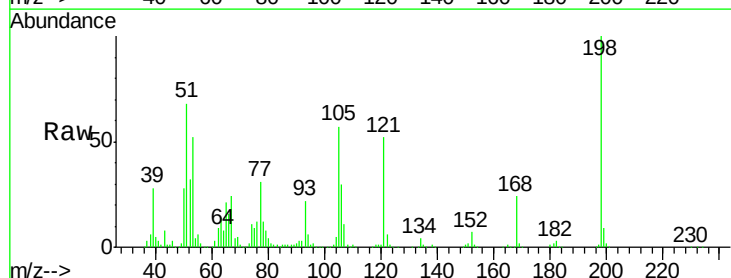
RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

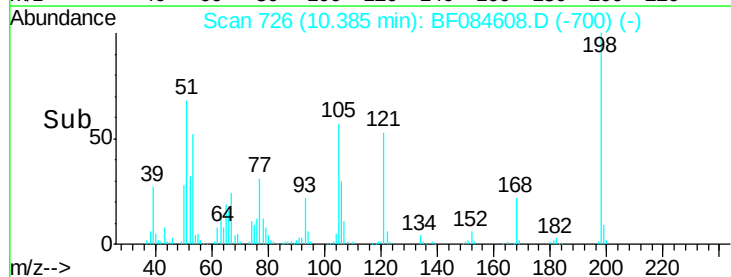
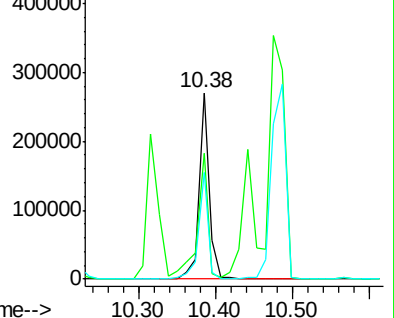
Tgt Ion:	198	Resp:	257036
Ion Ratio	Lower	Upper	
198	100		
51	67.9	18.9	58.9#
105	57.4	26.4	66.4

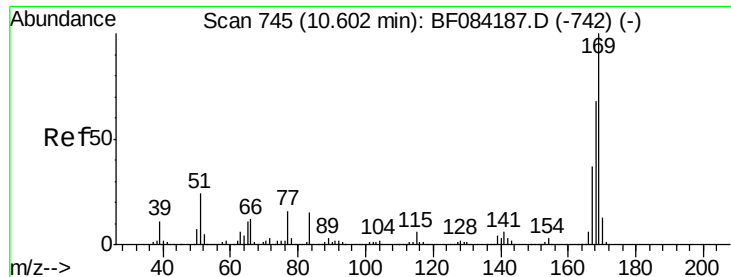


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.56 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:169 Resp: 1244873

Ion Ratio Lower Upper

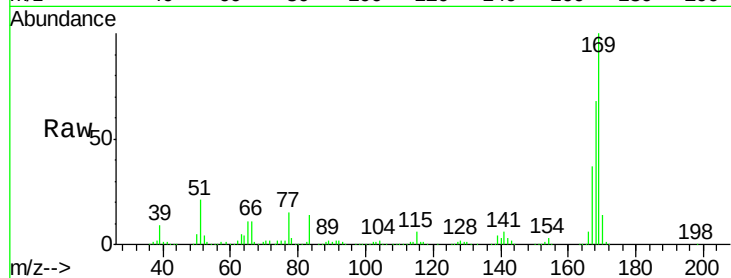
169 100

168 67.7 55.1 82.7

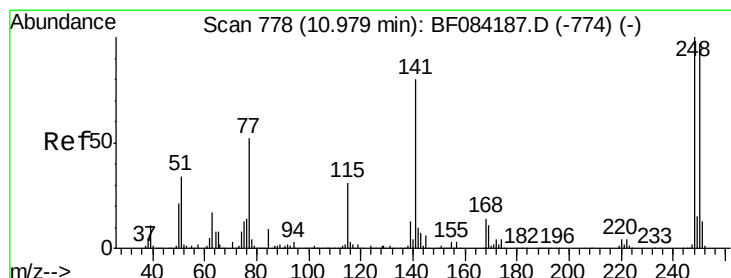
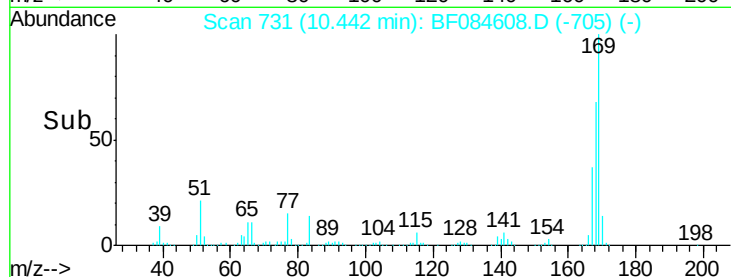
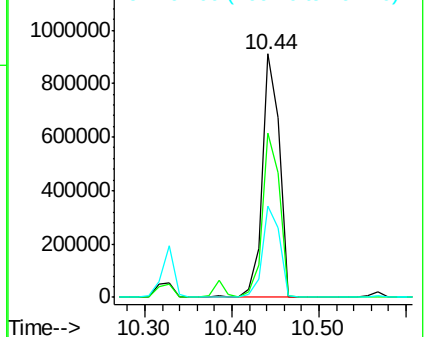
167 37.5 30.0 45.0

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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: 47.27 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

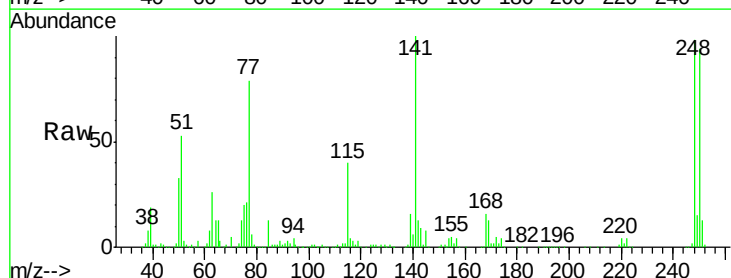
Tgt Ion:248 Resp: 407938

Ion Ratio Lower Upper

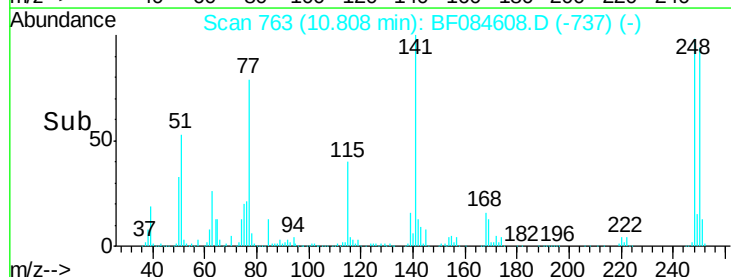
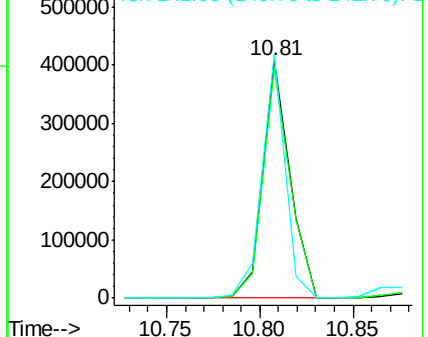
248 100

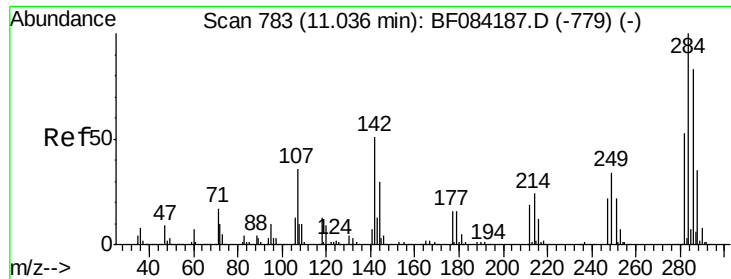
250 96.3 78.4 117.6

141 102.2 44.0 66.0#



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





#67

Hexachlorobenzene

Concen: 52.16 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

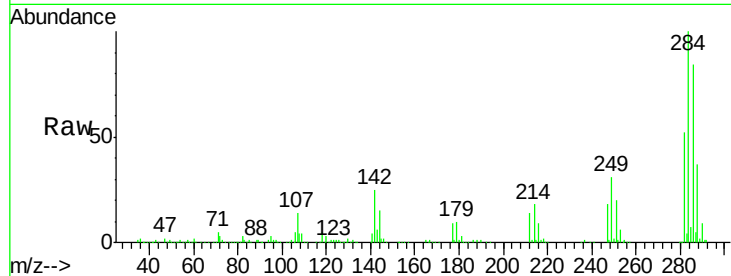
ClientSampleId :

MW-01MSD

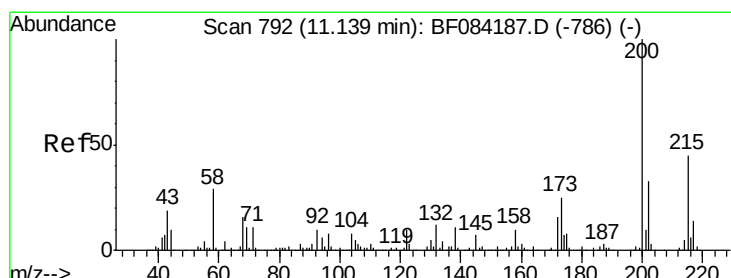
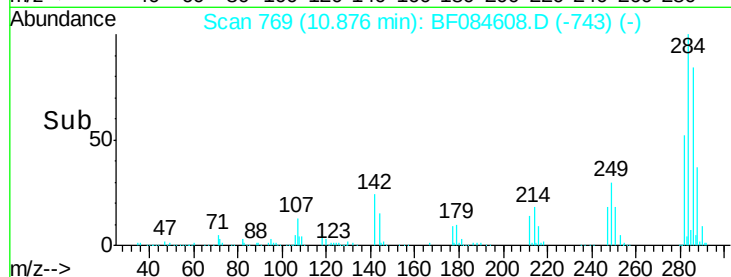
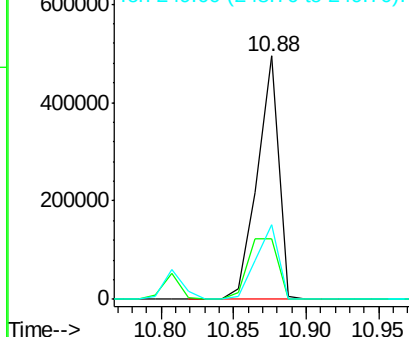
Tot Ion:	284	Resp:	506598
Ion Ratio		Lower	Upper
284	100		
142	24.9	22.2	33.4
249	30.5	24.6	37.0

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



#68

Atrazine

Concen: 49.83 ng

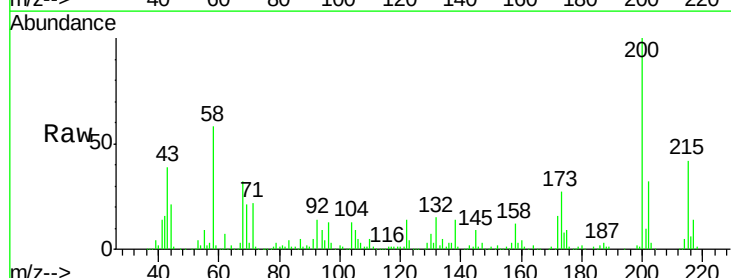
RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

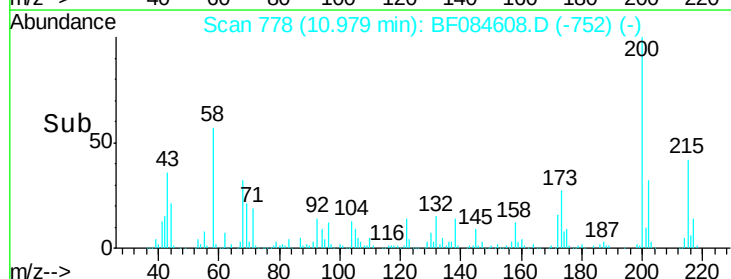
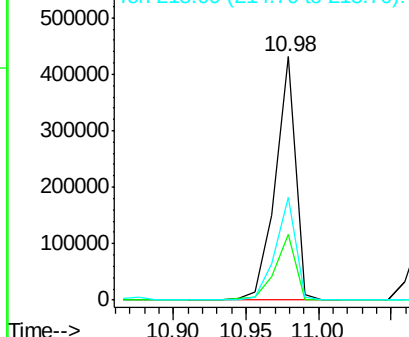
Lab File: BF084608.D

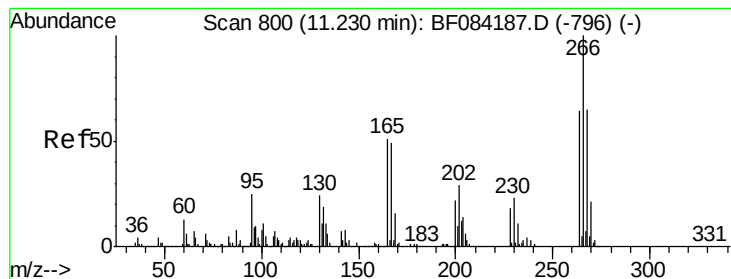
Acq: 25 Jan 2016 15:41

Tgt Ion:	200	Resp:	418001
Ion Ratio		Lower	Upper
200	100		
173	27.0	9.5	49.5
215	42.5	23.8	63.8



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





#69

Pentachlorophenol

Concen: 95.88 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

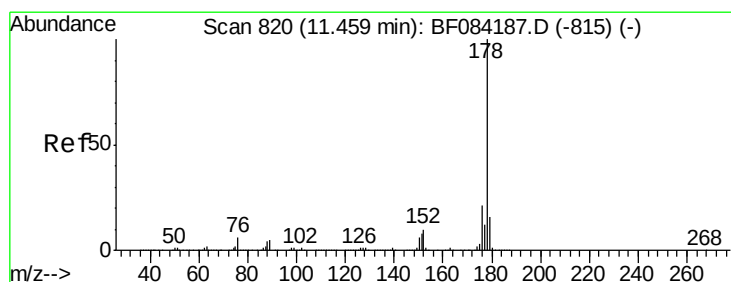
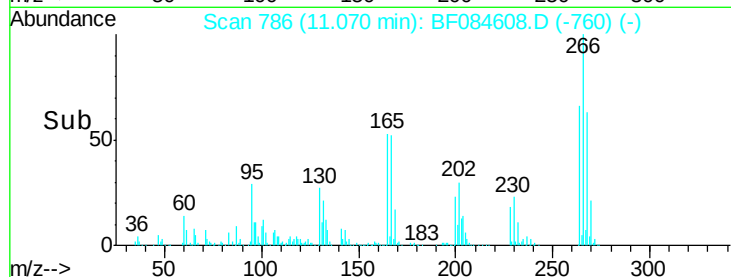
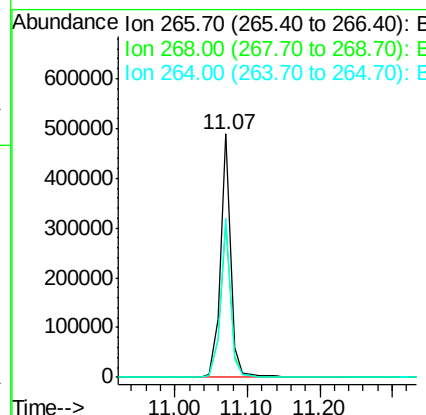
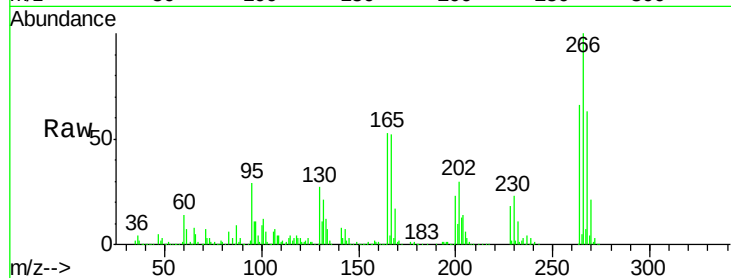
ClientSampleId :

MW-01MSD

Tot Ion:	266	Resp:	482853
Ion Ratio		Lower	Upper
266	100		
268	63.3	52.4	78.6
264	65.5	50.2	75.2

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#70

Phenanthrene

Concen: 52.82 ng

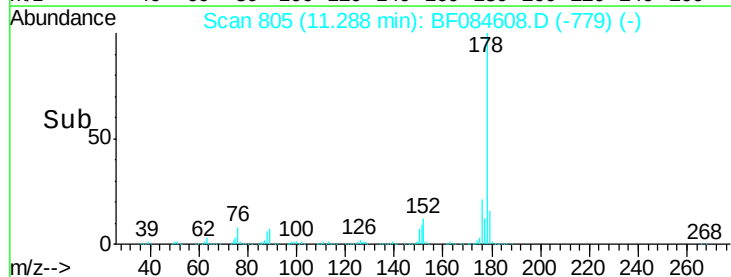
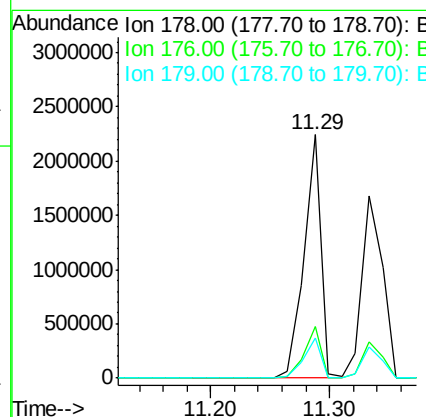
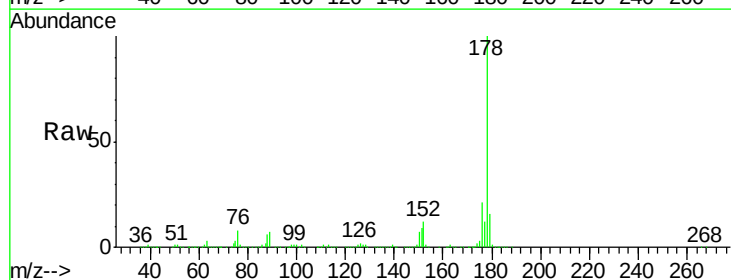
RT: 11.29 min Scan# 805

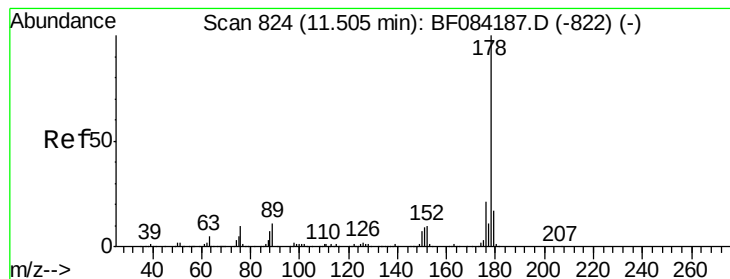
Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Tgt Ion:	178	Resp:	2215095
Ion Ratio		Lower	Upper
178	100		
176	21.0	15.3	22.9
179	16.5	12.0	18.0





#71

Anthracene

Concen: 49.01 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:178 Resp: 2014845

Ion Ratio Lower Upper

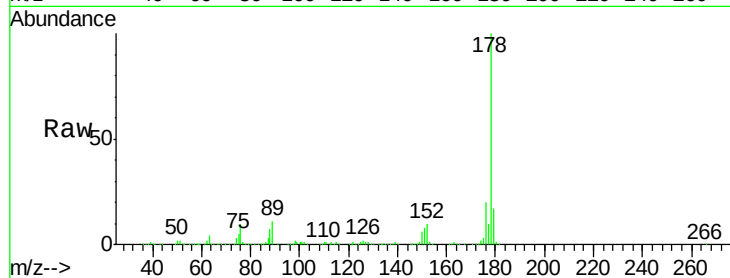
178 100

176 20.1 15.4 23.0

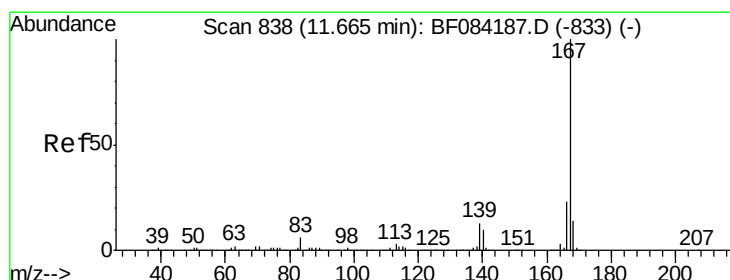
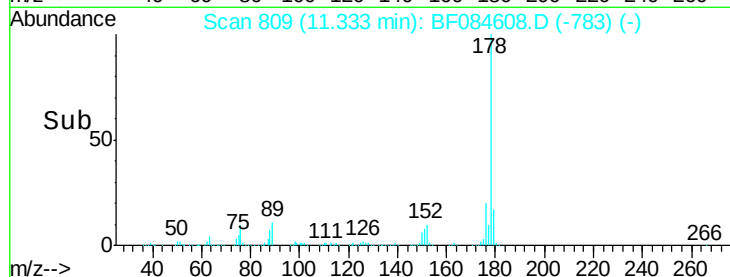
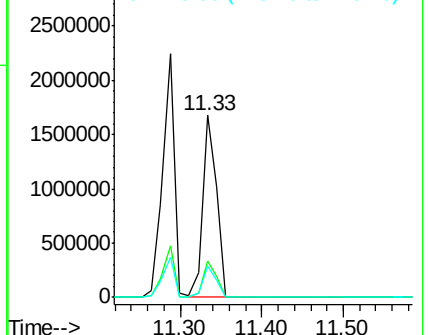
179 16.9 12.5 18.7

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



#72

Carbazole

Concen: 43.74 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

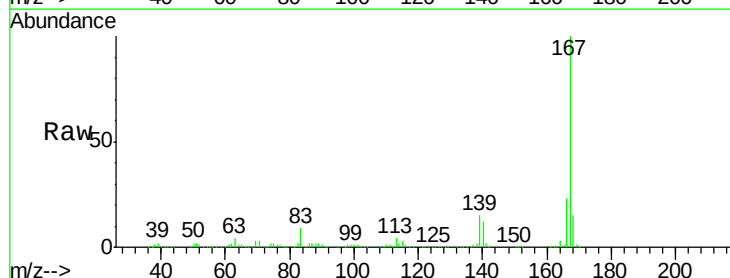
Tgt Ion:167 Resp: 1758009

Ion Ratio Lower Upper

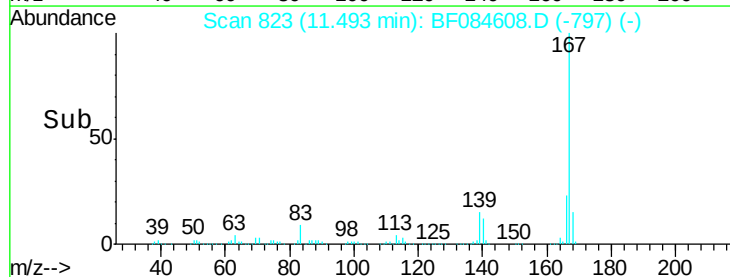
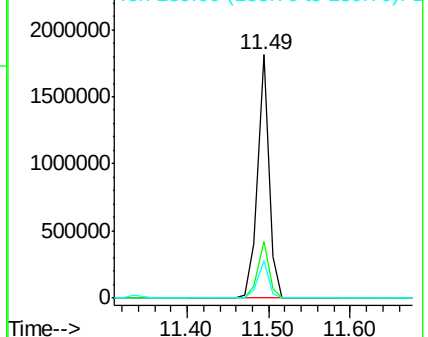
167 100

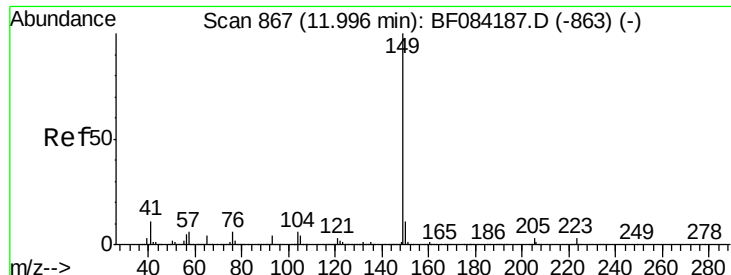
166 23.1 17.6 26.4

139 15.5 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 66.75 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:149 Resp: 2535879

Ion Ratio Lower Upper

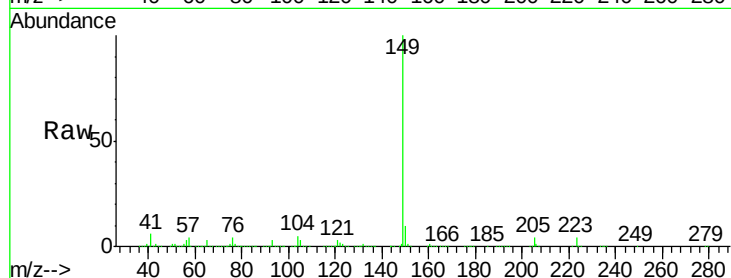
149 100

150 10.1 7.1 10.7

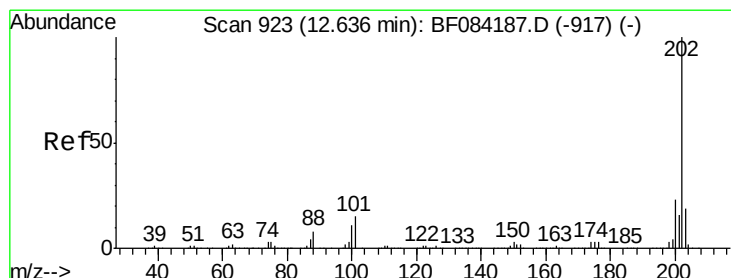
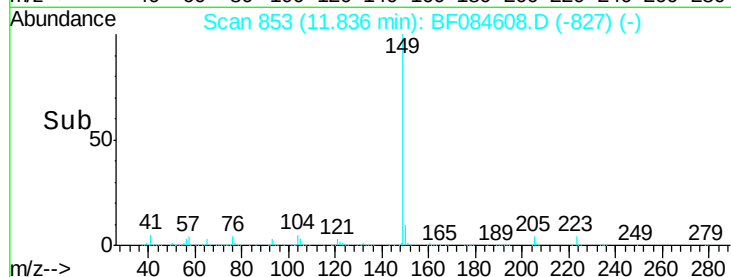
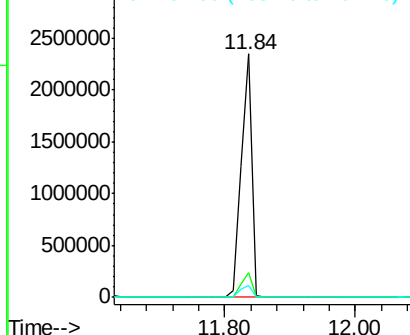
104 5.0 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.21 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

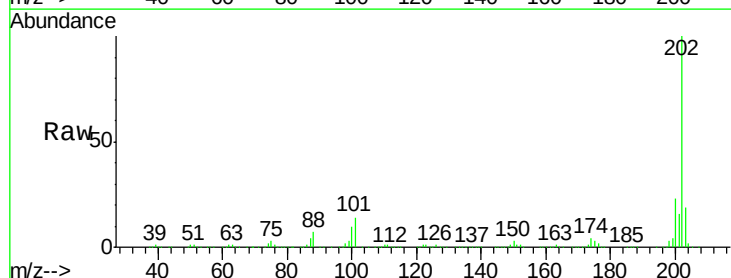
Tgt Ion:202 Resp: 2112176

Ion Ratio Lower Upper

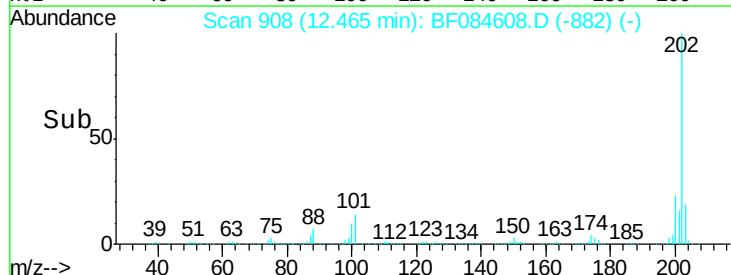
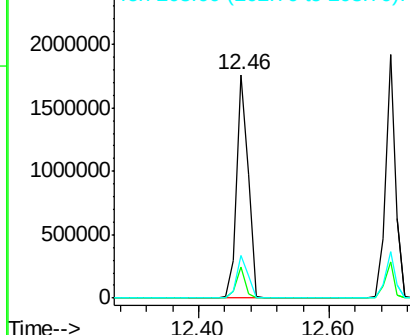
202 100

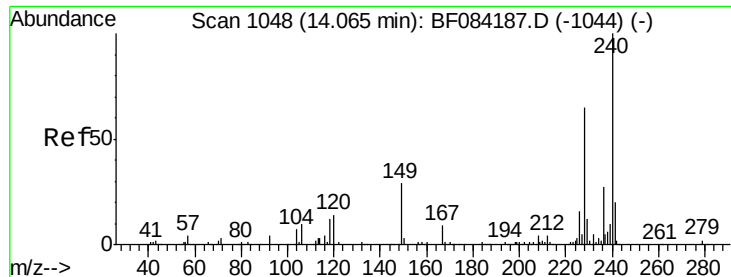
101 13.7 0.0 32.8

203 19.0 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

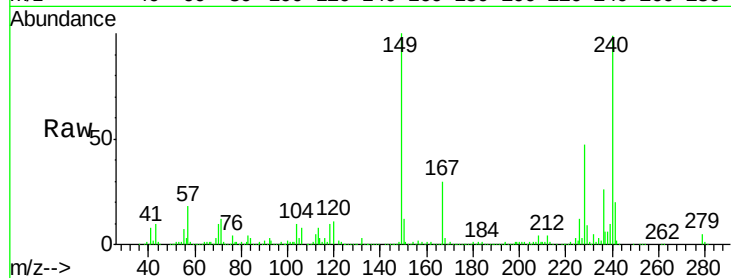
ClientSampleId :

MW-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.0	20.6	31.0

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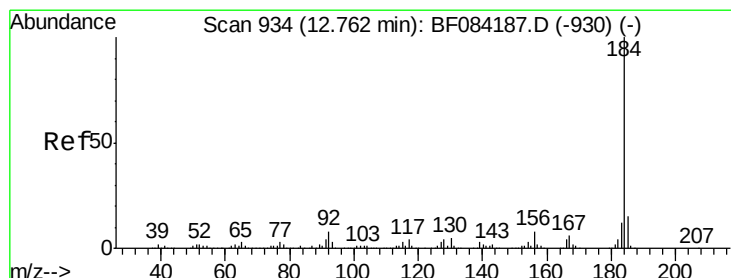
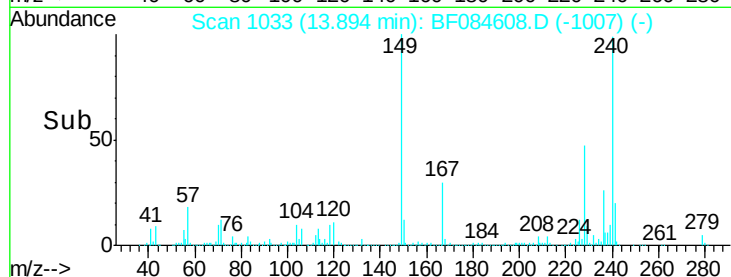
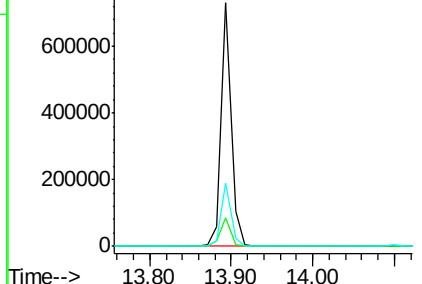
mohammad
1/26/2016 10:43:25 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.28 ng

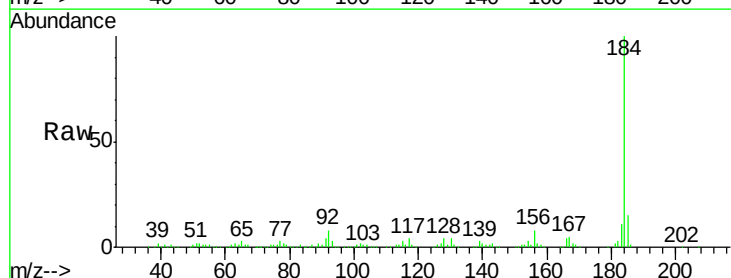
RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

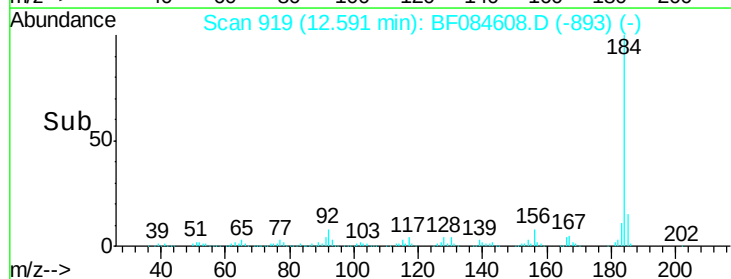
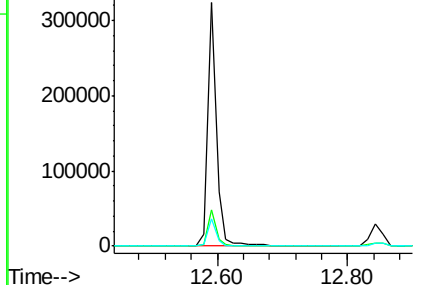
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.2	9.8	14.8

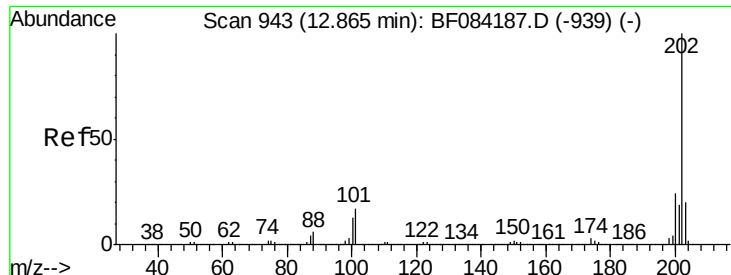


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





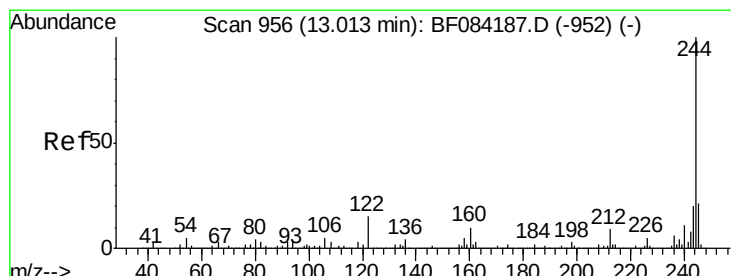
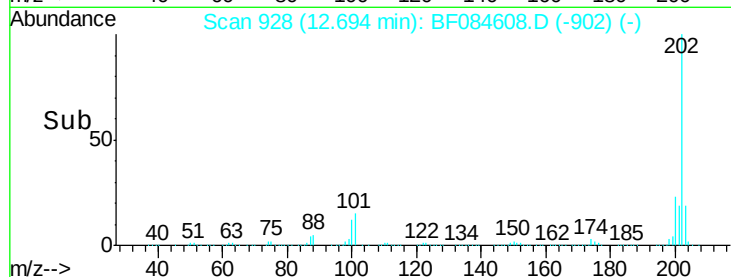
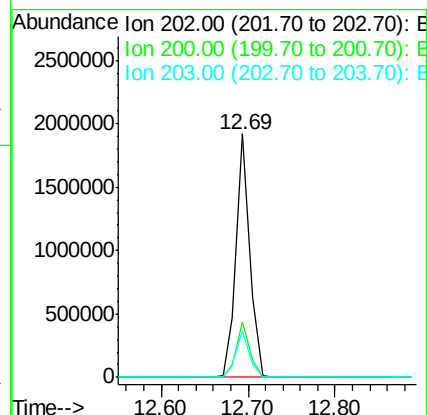
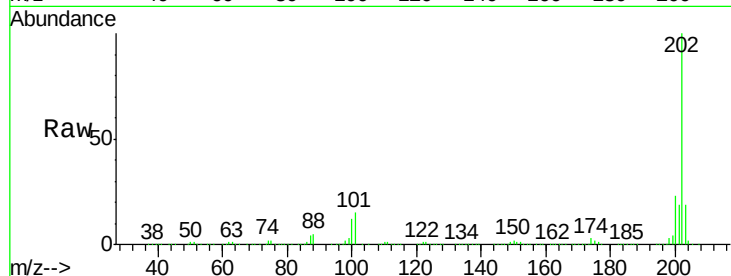
#77
Pvrene
Concen: 42.77 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	19.1	14.3	21.5

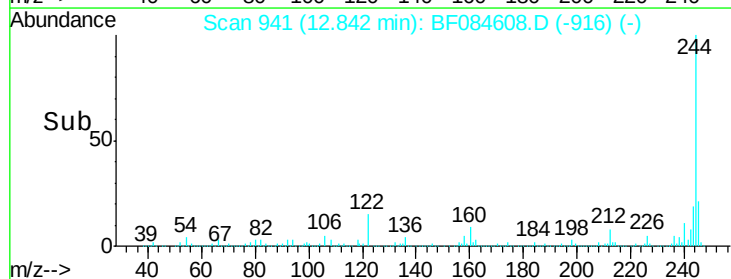
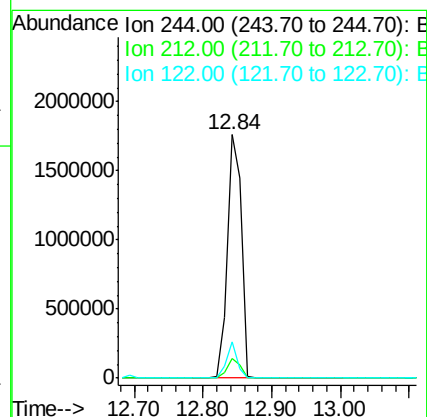
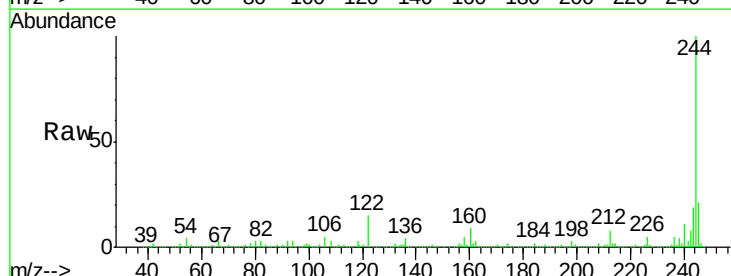
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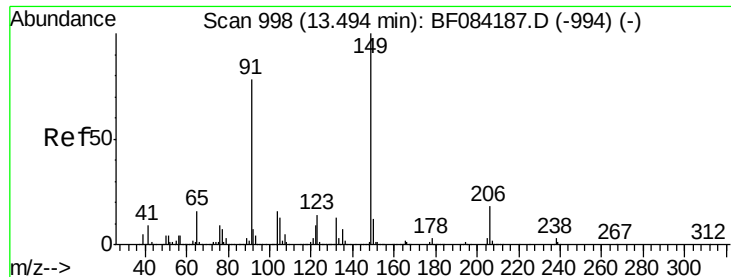
mohammad
1/26/2016 10:43:25 AM



#78
Terphenyl-d14
Concen: 90.63 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.9	7.4	11.0





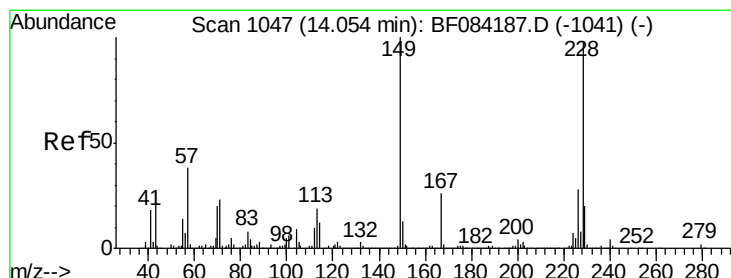
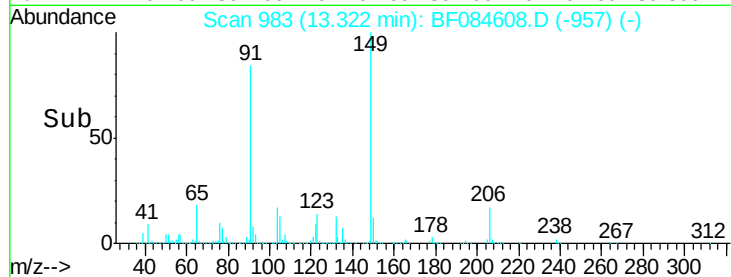
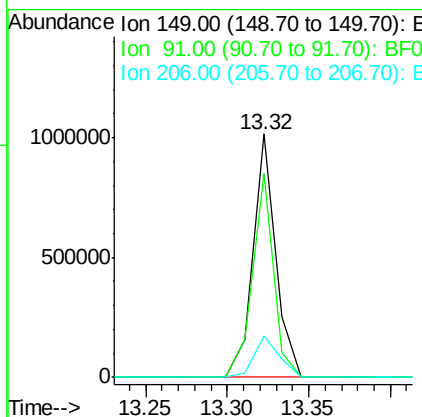
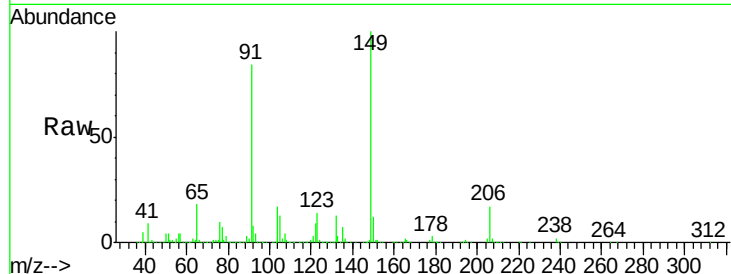
#79
Butylbenzylphthalate
Concen: 46.31 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	981936		
91	83.8	57.6	86.4	
206	17.2	13.2	19.8	

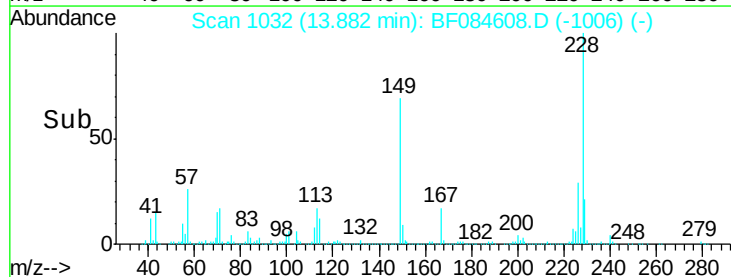
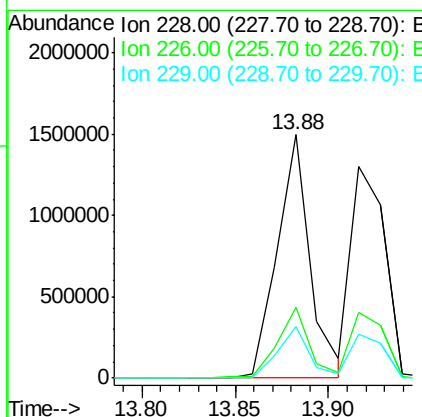
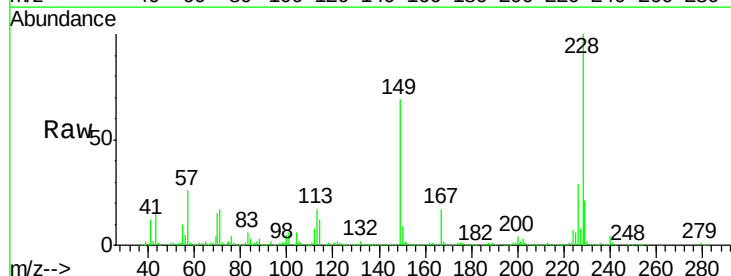
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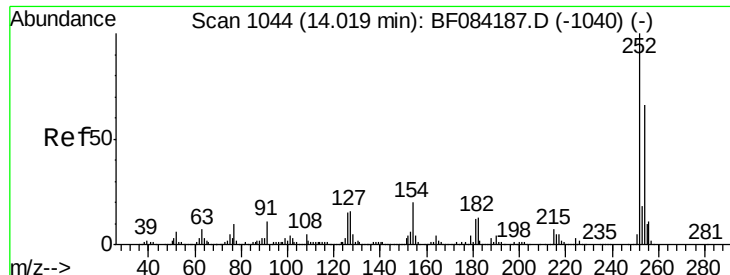
mohammad
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#80
Benzo(a)anthracene
Concen: 49.97 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1831845		
226	28.9	21.8	32.6	
229	21.3	15.8	23.8	





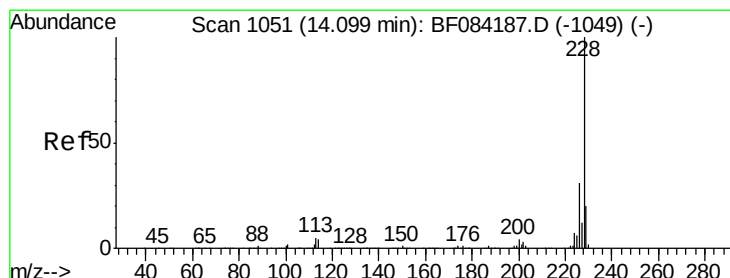
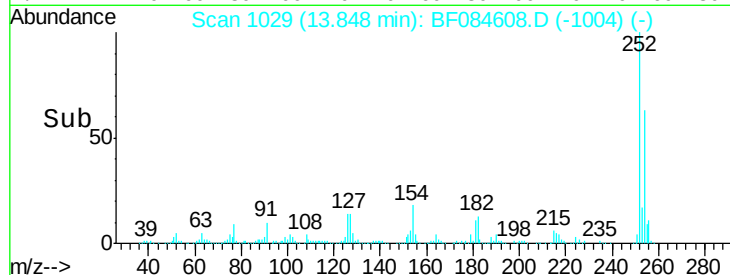
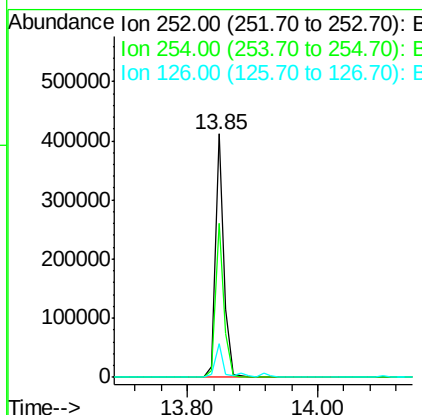
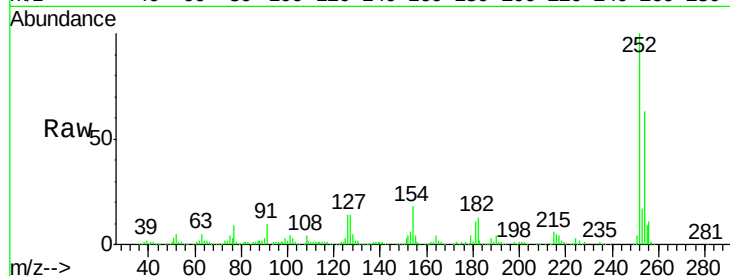
#81
 3,3'-Dichlorobenzidine
 Concen: 29.93 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	53.5	80.3
126	14.0	4.9	7.3

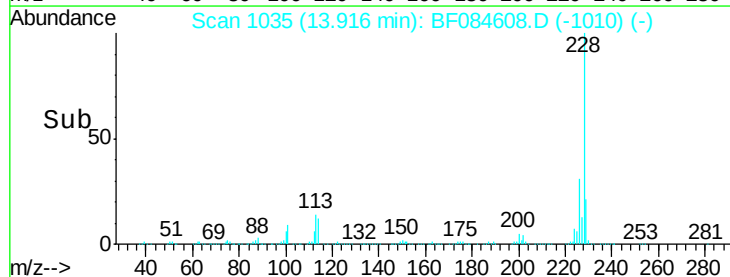
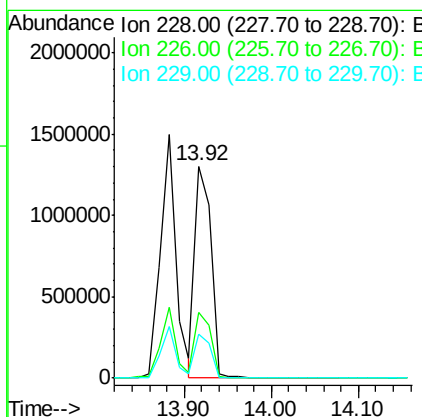
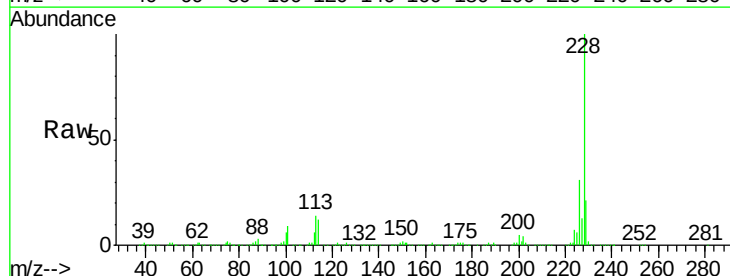
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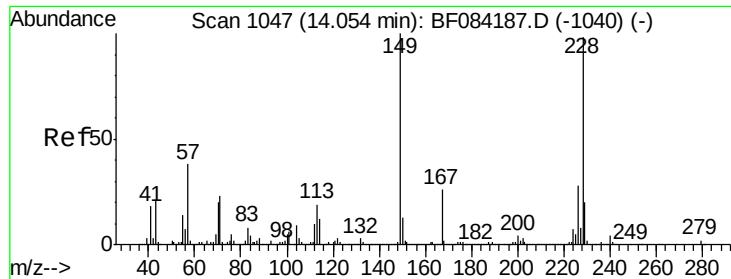
mohammad
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#82
 Chrysene
 Concen: 47.29 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	24.3	36.5
229	20.9	16.1	24.1





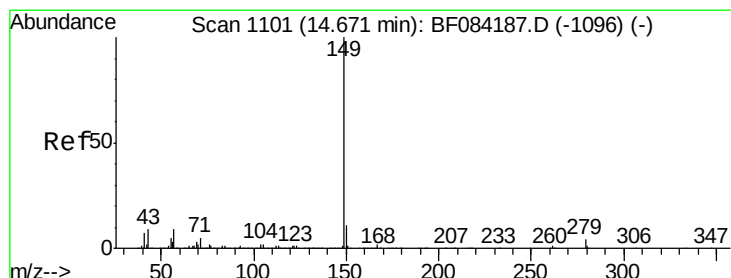
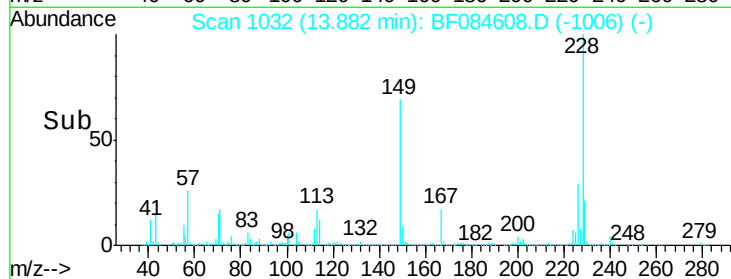
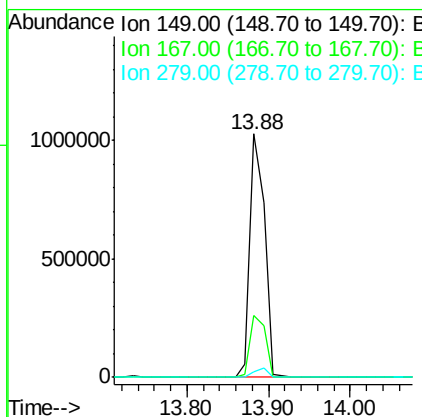
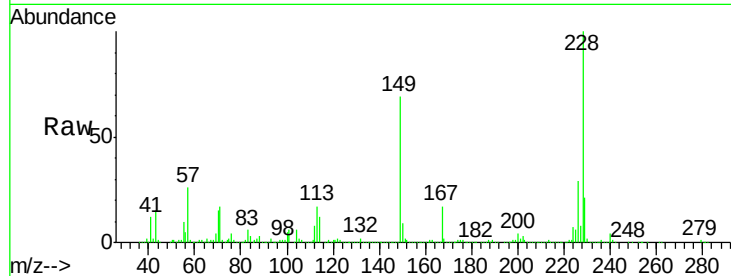
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.36 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion:149 Resp: 1268522
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.7 29.5
 279 2.1 1.8 2.6

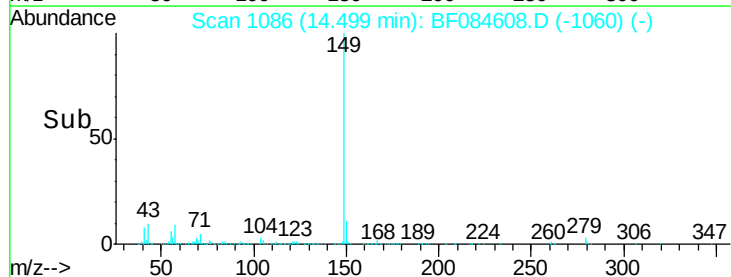
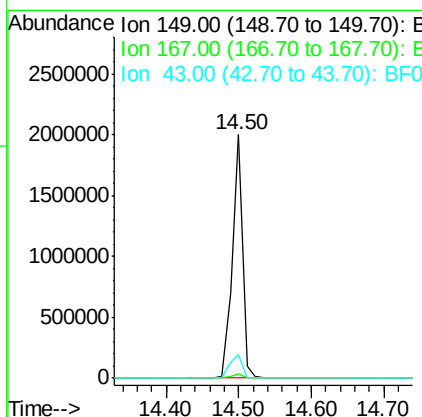
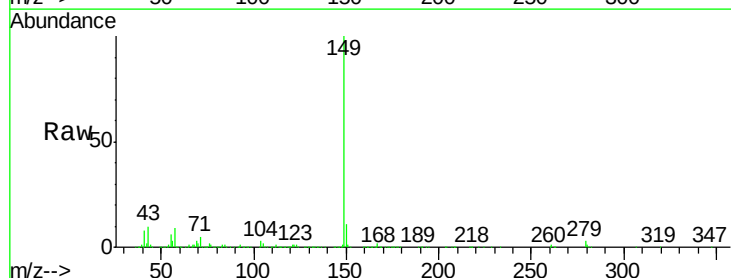
Manual Integrations
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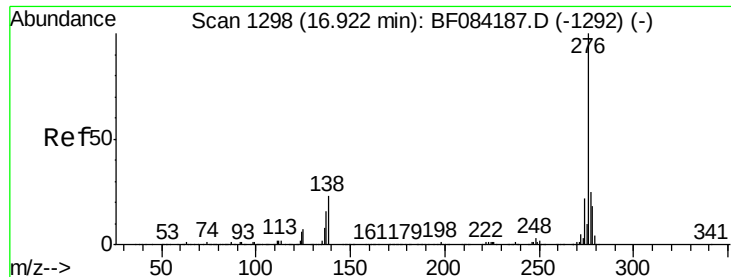
mohammad
 1/26/2016 10:43:25 AM



#84
 Di-n-octyl phthalate
 Concen: 42.92 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Tgt Ion:149 Resp: 1940814
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.9 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.69 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:276 Resp: 1052478

Ion Ratio Lower Upper

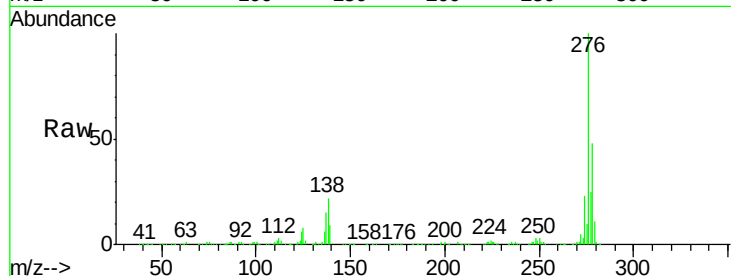
276 100

138 22.0 20.6 30.8

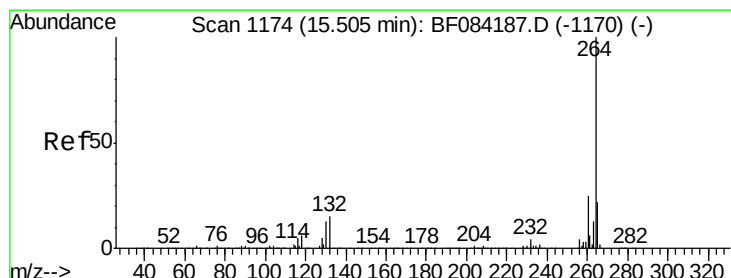
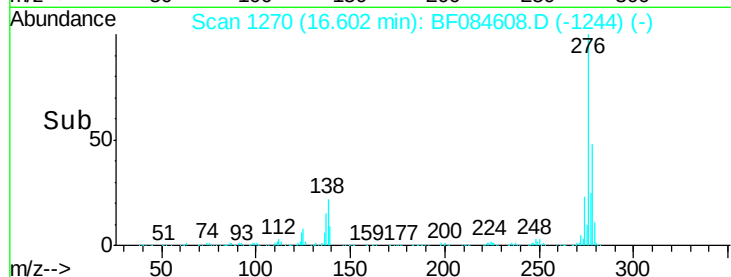
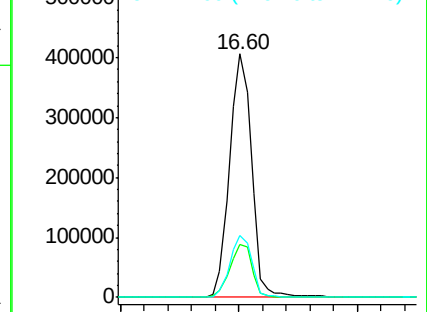
277 25.5 20.1 30.1

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mohammad
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

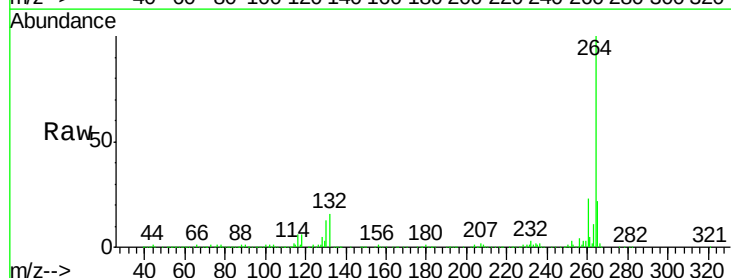
Tgt Ion:264 Resp: 385773

Ion Ratio Lower Upper

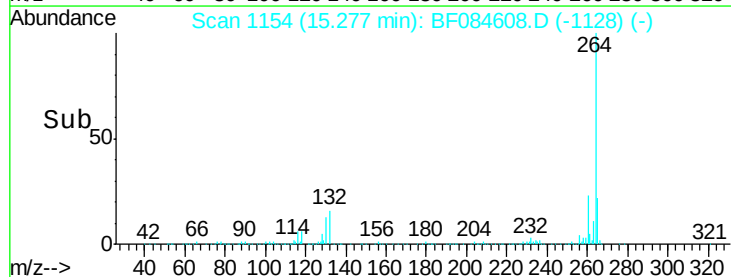
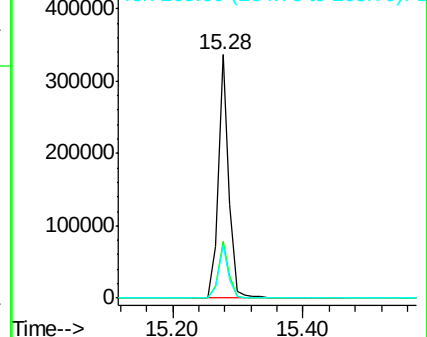
264 100

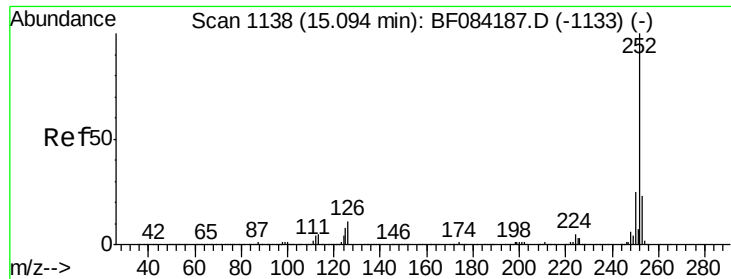
260 23.5 19.4 29.2

265 21.8 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 61.51 ng m

RT: 14.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

Instrument :

BNA_F

ClientSampleId :

MW-01MSD

Tot Ion:252 Resp: 1552275

Ion Ratio Lower Upper

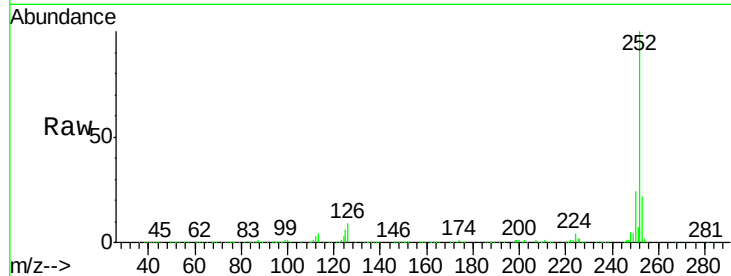
252 100

253 22.1 17.3 25.9

125 6.2 6.5 9.7#

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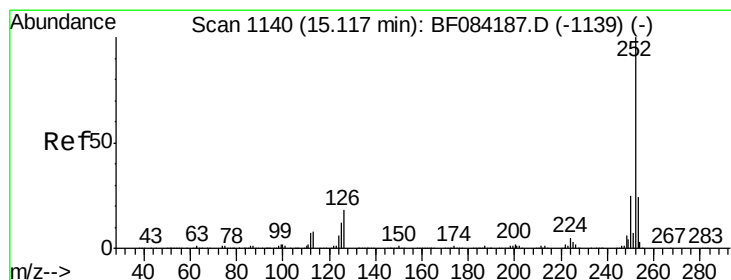
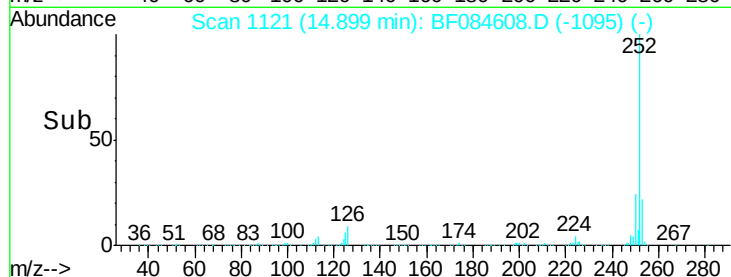
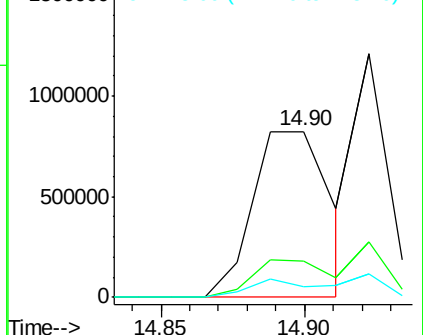
mohammad
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.29 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF084608.D

Acq: 25 Jan 2016 15:41

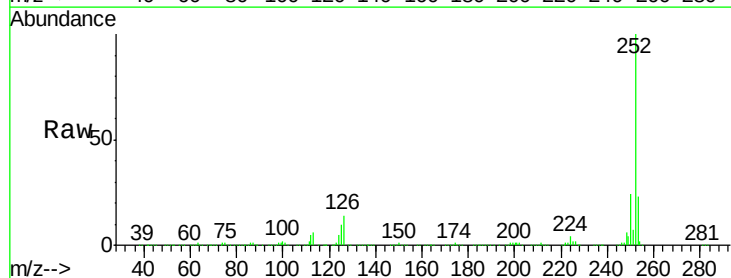
Tgt Ion:252 Resp: 996536

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

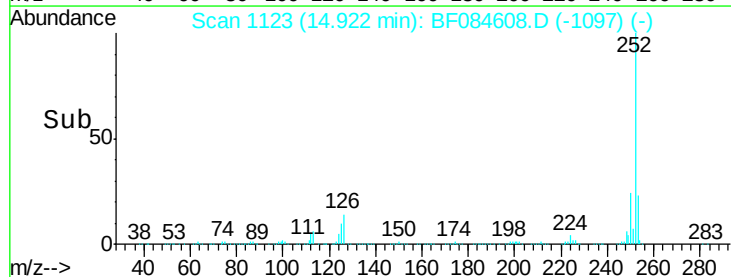
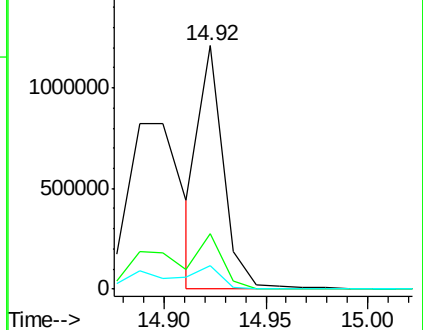
125 9.8 9.0 13.6

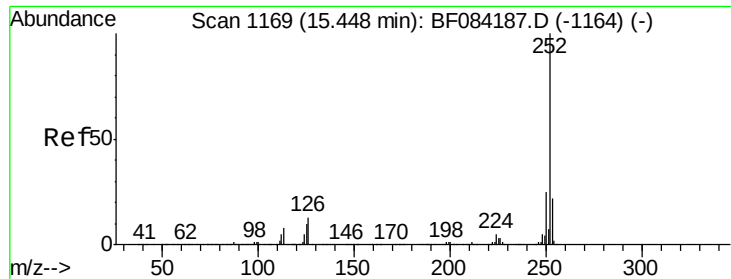


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





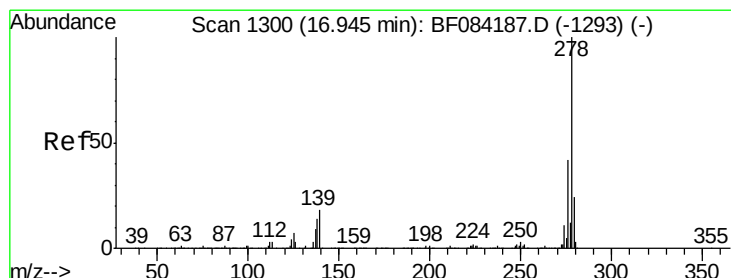
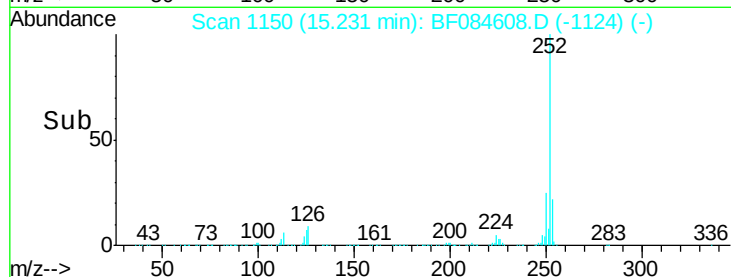
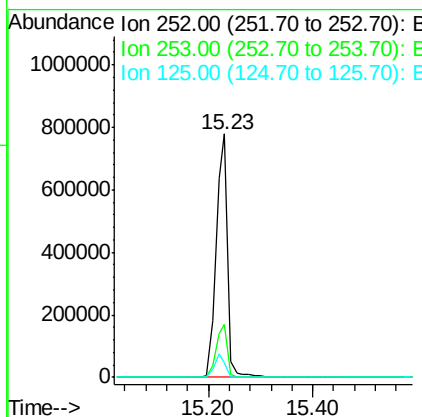
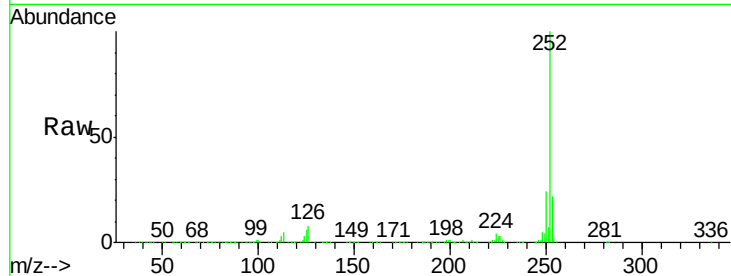
#89
Benzo(a)pyrene
Concen: 54.50 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.0	7.0	10.4

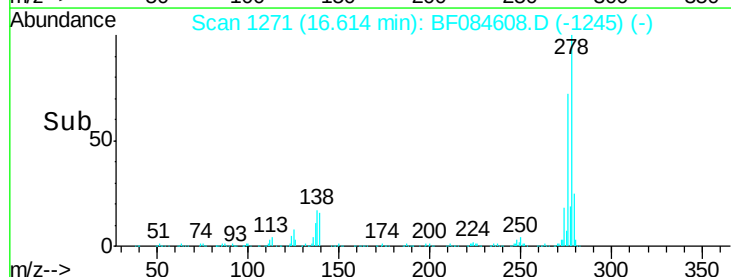
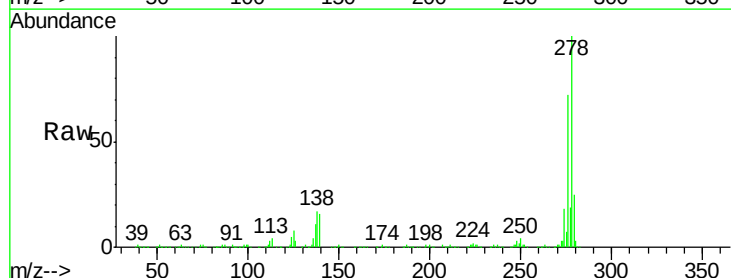
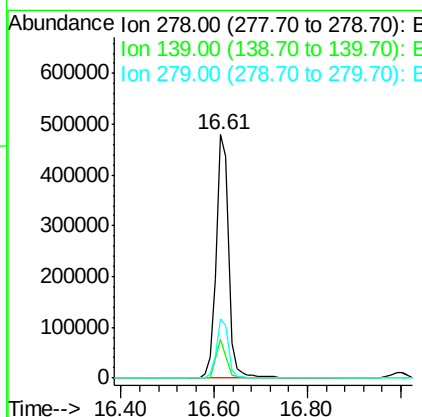
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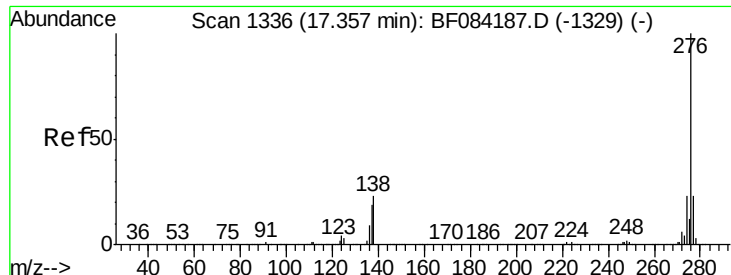
mohammad
1/26/2016 10:43:25 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.45 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF084608.D
Acq: 25 Jan 2016 15:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.0	22.4
279	24.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 45.91 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF084608.D
 Acq: 25 Jan 2016 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	18.5	17.8	26.6

Manual Integrations
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