

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081291.D
 Acq On : 30 Aug 2015 1:32
 Operator : UM/IZ
 Sample : G3474-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:59:20 PM

Quant Time: Aug 31 13:34:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 00:56:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	59035	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	230419	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	110792	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	191174	20.00	ng	0.00
75) Chrysene-d12	13.60	240	126342	20.00	ng	0.00
86) Perylene-d12	14.93	264	106013	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	240001	61.15	ng	0.02
7) Phenol-d6	6.15	99	215550	42.09	ng	0.01
23) Nitrobenzene-d5	7.06	82	404379	80.17	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	94534	98.43	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	613449	72.55	ng	0.00
78) Terphenyl-d14	12.57	244	493516	83.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	32083	17.35	ng	94
3) Pyridine	2.54	79	50163	9.61	ng	# 84
4) n-Nitrosodimethylamine	2.43	42	49398	17.00	ng	85
6) Aniline	6.17	93	49185	6.61	ng	# 53
8) 2-Chlorophenol	6.27	128	139920	32.57	ng	84
9) Benzaldehyde	6.02	77	24255	7.35	ng	84
10) Phenol	6.16	94	88586	14.65	ng	# 75
11) bis(2-Chloroethyl)ether	6.23	93	234003	50.42	ng	93
12) 1,3-Dichlorobenzene	6.42	146	178192	38.60	ng	96
13) 1,4-Dichlorobenzene	6.50	146	185400	40.56	ng	97
14) 1,2-Dichlorobenzene	6.65	146	150819	35.25	ng	99
15) Benzyl Alcohol	6.65	79	115892	27.97	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	354917	38.92	ng	81
17) 2-Methylphenol	6.78	107	100615	27.30	ng	# 91
18) Hexachloroethane	6.99	117	73004	39.53	ng	95
19) n-Nitroso-di-n-propylamine	6.93	70	135641	38.24	ng	93
20) 3+4-Methylphenols	6.94	107	130241	27.84	ng	# 45
22) Acetophenone	6.90	105	257512	42.57	ng	# 89
24) Nitrobenzene	7.09	77	203749	38.63	ng	# 85
25) Isophorone	7.33	82	358043	38.06	ng	99
26) 2-Nitrophenol	7.39	139	79476	36.24	ng	86
27) 2,4-Dimethylphenol	7.46	122	146744	37.82	ng	89
28) bis(2-Chloroethoxy)methane	7.54	93	209652	37.73	ng	99
29) 2,4-Dichlorophenol	7.65	162	122848	37.61	ng	89
30) 1,2,4-Trichlorobenzene	7.71	180	137290	37.81	ng	96
31) Naphthalene	7.79	128	479939	37.37	ng	99
32) Benzoic acid	7.59	122	38032	17.43	ng	90
33) 4-Chloroaniline	7.86	127	50043	9.23	ng	# 92
34) Hexachlorobutadiene	7.92	225	84768	41.29	ng	97
35) Caprolactam	8.30	113	9007	7.89	ng	92
36) 4-Chloro-3-methylphenol	8.35	107	142737	36.66	ng	92
37) 2-Methylnaphthalene	8.49	142	314401m	38.75	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	120966	33.84	ng	# 96
40) Hexachlorocyclopentadiene	8.64	237	100263	54.19	ng	98

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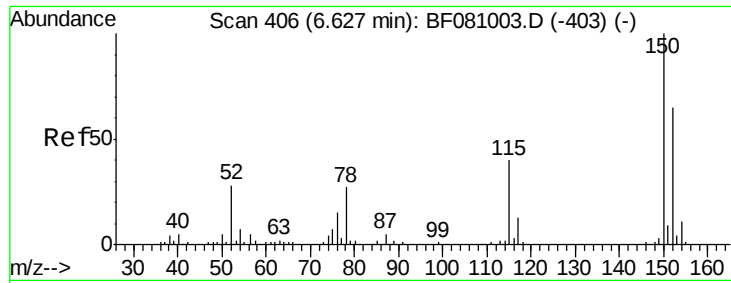
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	94384	37.37	ng	97
43) 2,4,5-Trichlorophenol	8.82	196	83590	33.12	ng #	86
45) 1,1'-Biphenyl	8.95	154	344173	35.27	ng	95
46) 2-Chloronaphthalene	8.97	162	280847	35.82	ng	94
47) 2-Nitroaniline	9.09	65	117431	36.60	ng #	65
48) Acenaphthylene	9.38	152	471571	33.62	ng	99
49) Dimethylphthalate	9.27	163	322688	35.37	ng	99
50) 2,6-Dinitrotoluene	9.33	165	63616	32.47	ng #	67
51) Acenaphthene	9.55	154	289450	34.47	ng	99
52) 3-Nitroaniline	9.50	138	39040	15.92	ng	81
53) 2,4-Dinitrophenol	9.60	184	76508	71.70	ng	91
54) Dibenzofuran	9.73	168	402542	35.78	ng	95
55) 4-Nitrophenol	9.69	139	45345m	26.34	ng	
56) 2,4-Dinitrotoluene	9.73	165	82749	31.87	ng #	59
57) Fluorene	10.07	166	302549	34.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	69099m	35.37	ng	
59) Diethylphthalate	9.97	149	367316	38.03	ng	97
60) 4-Chlorophenyl-phenylether	10.07	204	144969	39.58	ng #	82
61) 4-Nitroaniline	10.10	138	33907	13.53	ng	97
62) Azobenzene	10.22	77	383800	34.49	ng	97
64) 4,6-Dinitro-2-methylphenol	10.13	198	47962	42.01	ng #	79
65) n-Nitrosodiphenylamine	10.18	169	258136	37.83	ng	98
66) 4-Bromophenyl-phenylether	10.55	248	80465	42.85	ng #	79
67) Hexachlorobenzene	10.61	284	80041	42.08	ng #	92
68) Atrazine	10.77	200	53974	28.39	ng	95
69) Pentachlorophenol	10.81	266	73911	64.77	ng	99
70) Phenanthrene	11.02	178	441317	38.95	ng	99
71) Anthracene	11.06	178	382225	34.67	ng	99
72) Carbazole	11.23	167	415921	39.18	ng	99
73) Di-n-butylphthalate	11.58	149	502185	39.10	ng	98
74) Fluoranthene	12.19	202	479141	39.19	ng	98
77) Pyrene	12.41	202	415538	40.46	ng	99
79) Butylbenzylphthalate	13.06	149	225202	51.01	ng	93
80) Benzo(a)anthracene	13.60	228	349503	41.25	ng	99
82) Chrysene	13.64	228	322790	42.27	ng	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	324500	57.38	ng	100
84) Di-n-octyl phthalate	14.23	149	509340	59.26	ng	97
85) Indeno(1,2,3-cd)pyrene	16.08	276	285023	53.16	ng #	94
87) Benzo(b)fluoranthene	14.58	252	268918m	35.86	ng	
88) Benzo(k)fluoranthene	14.61	252	237397m	33.98	ng	
89) Benzo(a)pyrene	14.88	252	264581	40.49	ng	98
90) Dibenzo(a,h)anthracene	16.09	278	236904	46.53	ng #	95
91) Benzo(g,h,i)perylene	16.42	276	240597	46.58	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 415

Delta R.T. 0.00 min

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Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

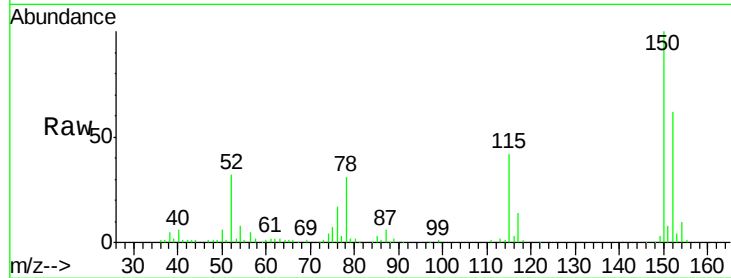
ClientSampleId :

MW-04MS

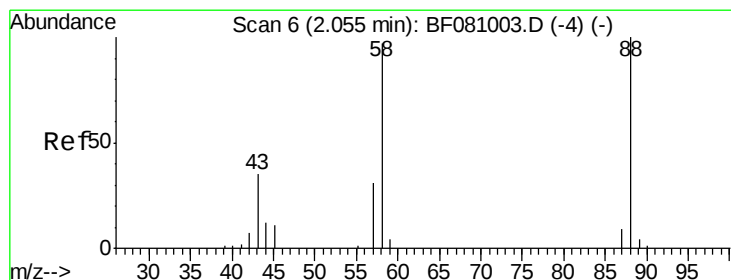
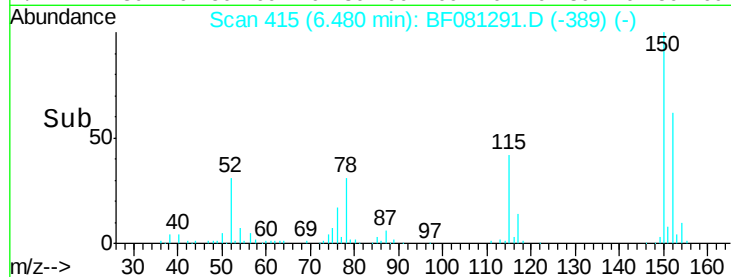
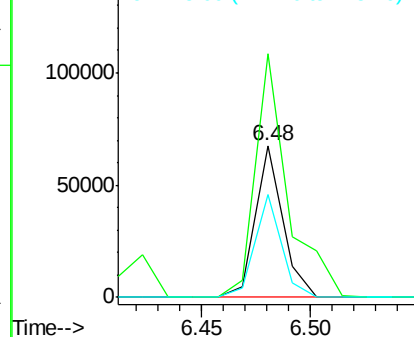
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Tgt Ion:	152	Resp:	59035
Ion Ratio	Lower	Upper	
152	100		
150	160.3	123.8	185.6
115	67.7	52.1	78.1



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: 17.35 ng

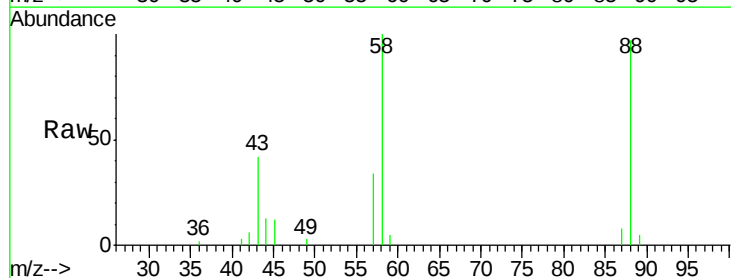
RT: 1.90 min Scan# 14

Delta R.T. 0.05 min

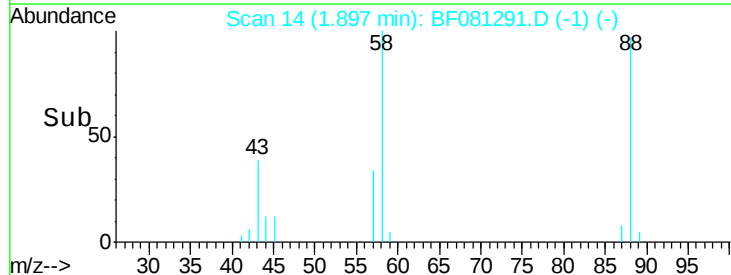
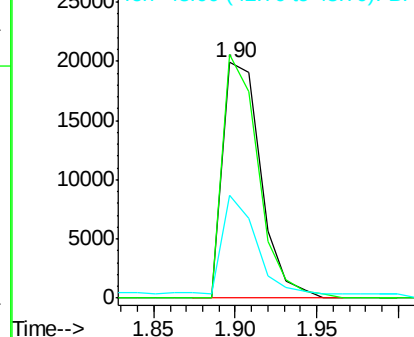
Lab File: BF081291.D

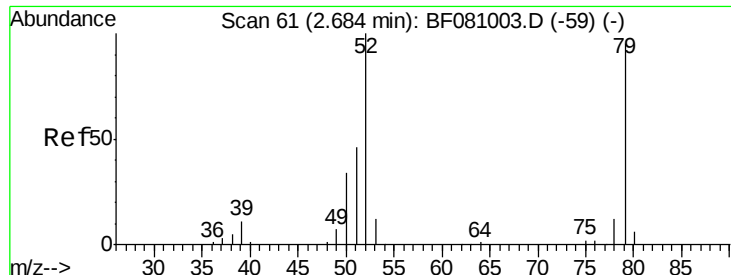
Acq: 30 Aug 2015 1:32

Tgt Ion:	88	Resp:	32083
Ion Ratio	Lower	Upper	
88	100		
58	97.0	83.7	125.5
43	44.9	37.5	56.3



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

Pyridine

Concen: 9.61 ng

RT: 2.54 min Scan# 70

Delta R.T. 0.10 min

Lab File: BF081291.D

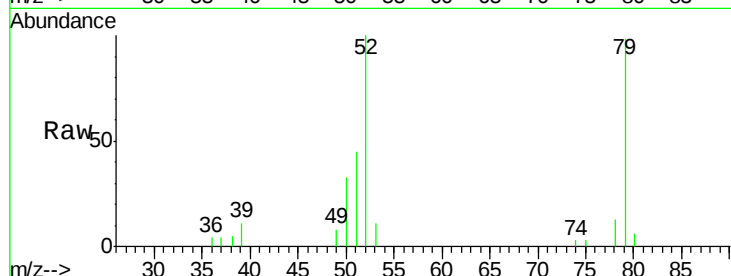
Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

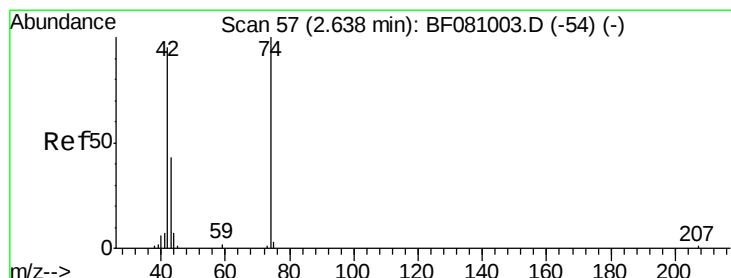
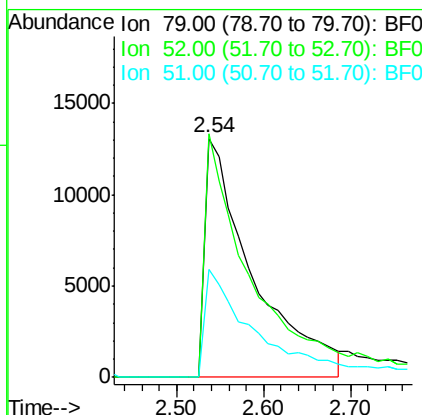
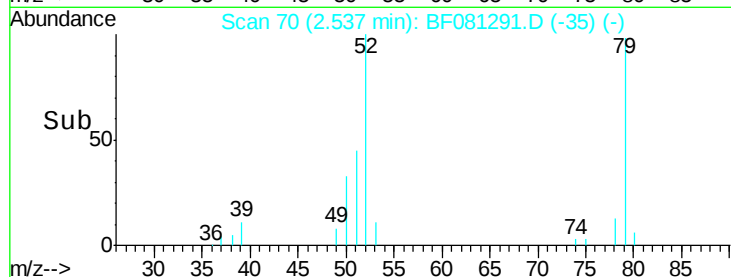
MW-04MS



Tgt Ion:	79	Resp:	50163
Ion Ratio	Lower	Upper	
79	100		
52	102.0	95.1	142.7
51	45.4	46.6	70.0#

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#4

n-Nitrosodimethylamine

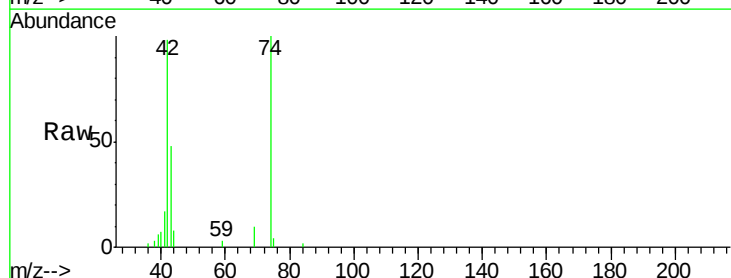
Concen: 17.00 ng

RT: 2.43 min Scan# 61

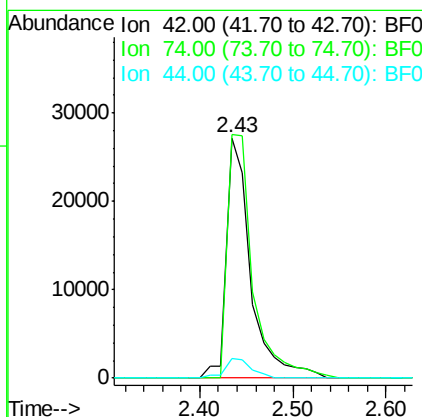
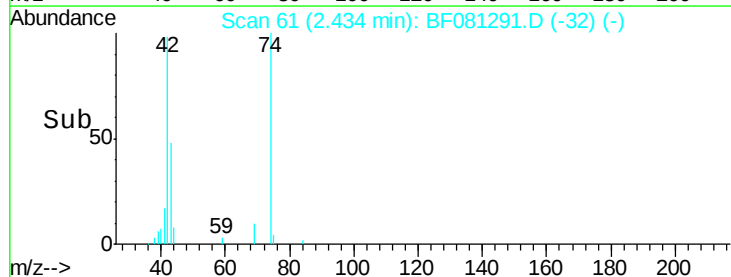
Delta R.T. 0.03 min

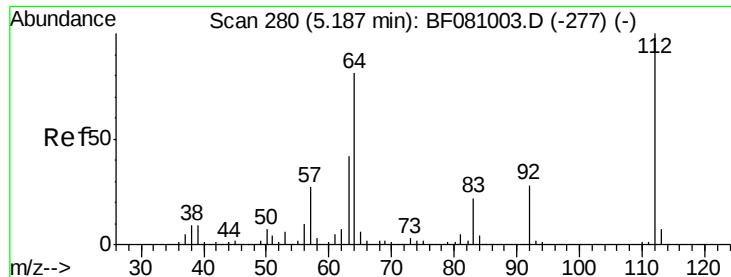
Lab File: BF081291.D

Acq: 30 Aug 2015 1:32



Tgt Ion:	42	Resp:	49398
Ion Ratio	Lower	Upper	
42	100		
74	101.5	69.3	103.9
44	8.1	5.5	8.3





#5

2-Fluorophenol

Concen: 61.15 ng

RT: 5.05 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081291.D

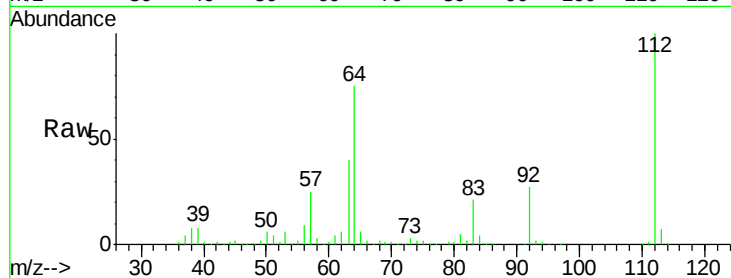
Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

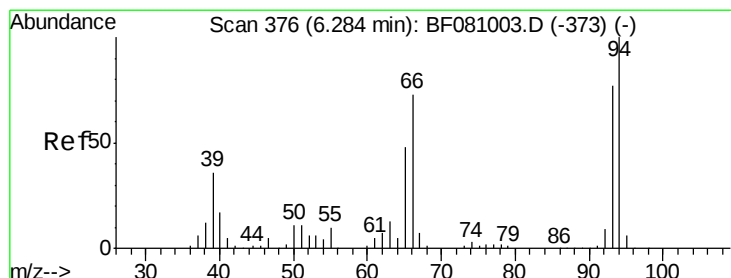
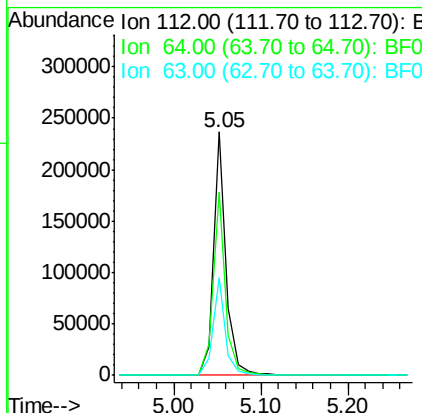
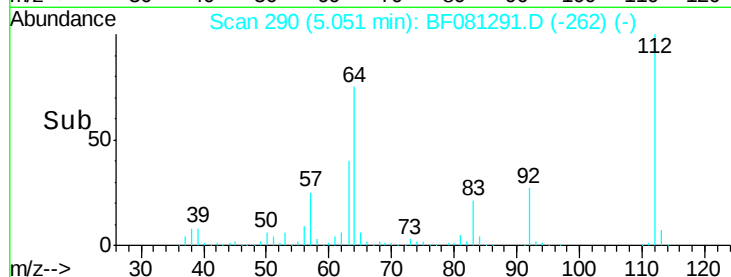
MW-04MS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	240001		
64	75.4	66.9	100.3	
63	40.0	38.1	57.1	

Manual Integrations
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#6

Aniline

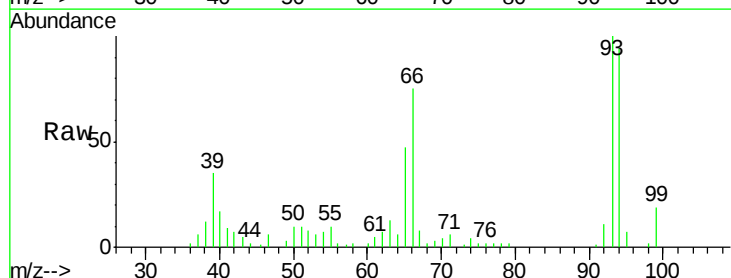
Concen: 6.61 ng

RT: 6.17 min Scan# 388

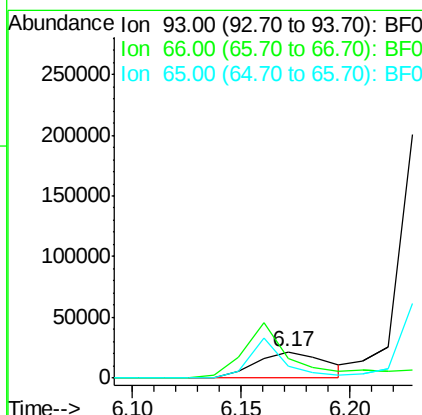
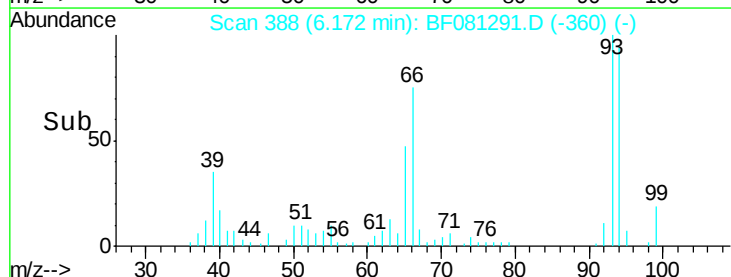
Delta R.T. 0.02 min

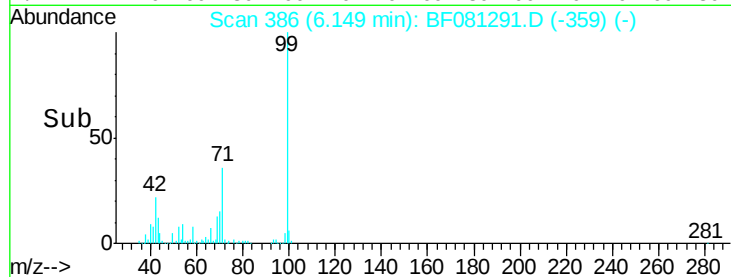
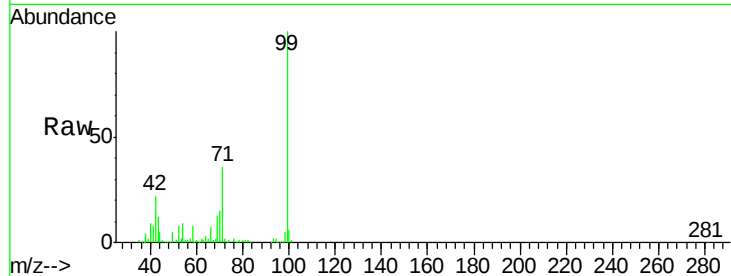
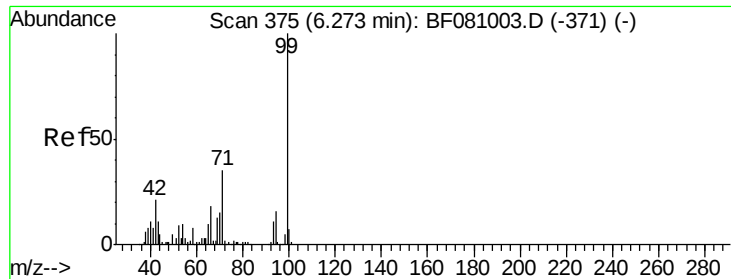
Lab File: BF081291.D

Acq: 30 Aug 2015 1:32



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	49185		
66	75.1	35.6	53.4#	
65	47.0	18.7	28.1#	





#7

Phenol-d6

Concen: 42.09 ng

RT: 6.15 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	215550		
42	22.3	19.6	29.4	
71	36.4	31.2	46.8	

Instrument :

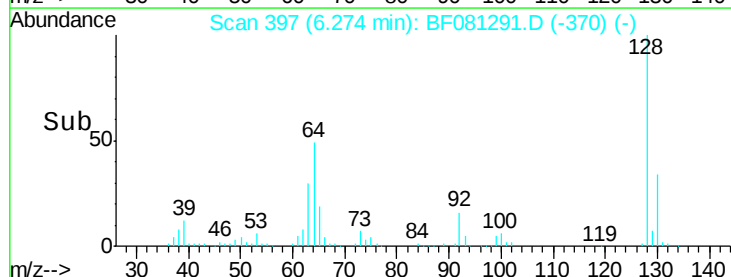
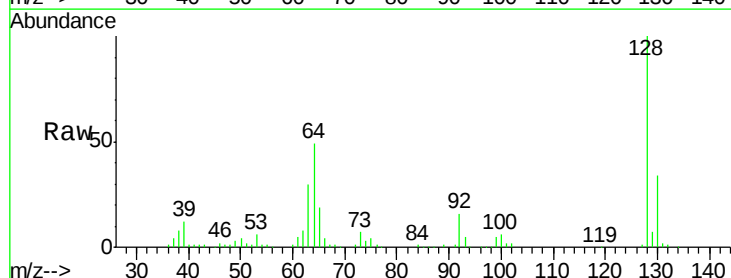
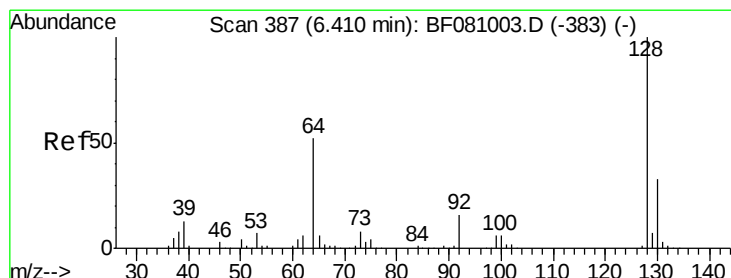
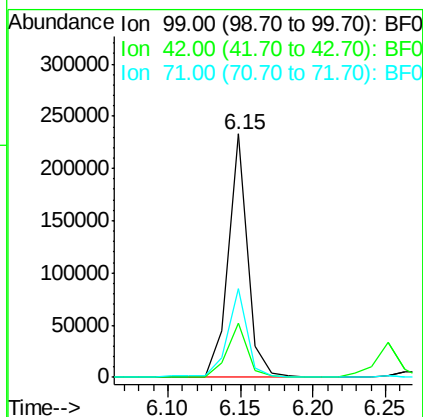
BNA_F

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MW-04MS

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#8

2-Chlorophenol

Concen: 32.57 ng

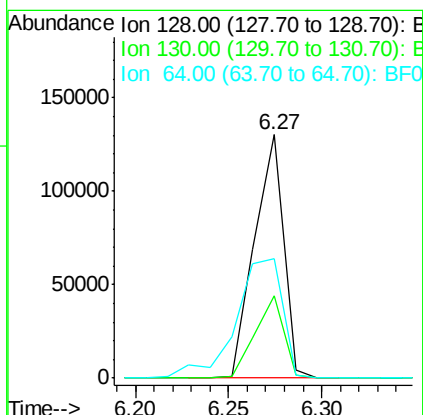
RT: 6.27 min Scan# 397

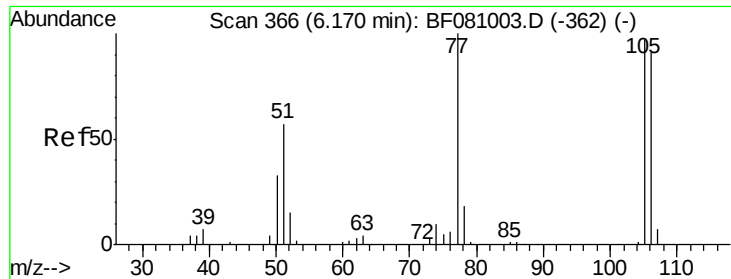
Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	139920		
130	34.0	12.5	52.5	
64	49.0	46.8	86.8	





#9

Benzaldehyde

Concen: 7.35 ng

RT: 6.02 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081291.D

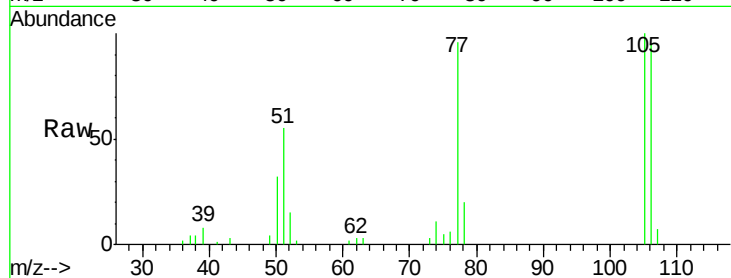
Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

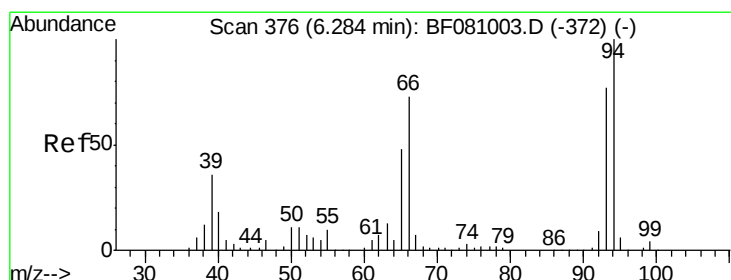
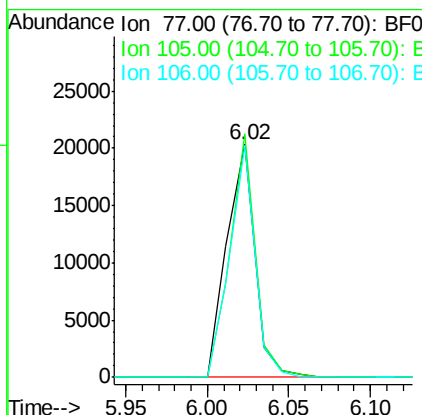
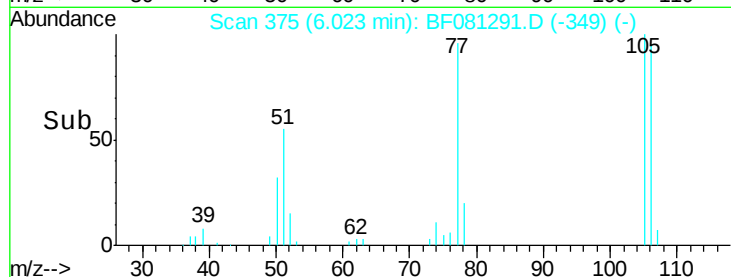
MW-04MS



Tgt Ion:	77	Resp:	24255
Ion	Ratio	Lower	Upper
77	100		
105	104.4	69.6	109.6
106	99.6	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 14.65 ng

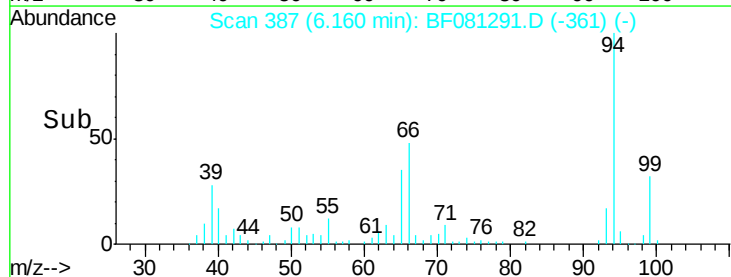
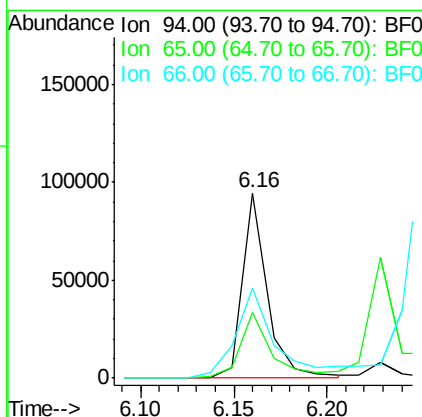
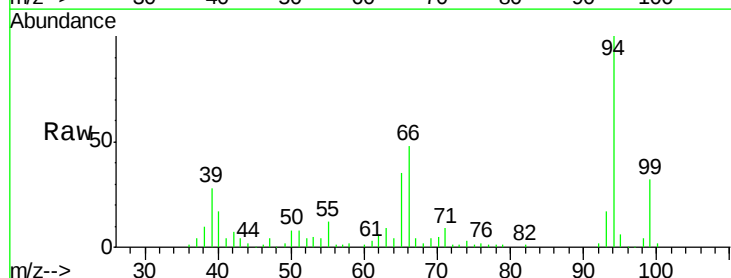
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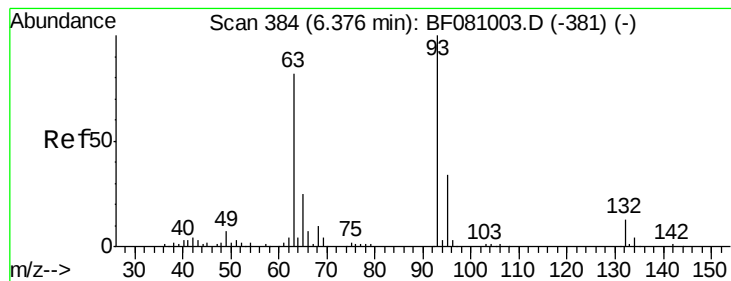
Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:	94	Resp:	88586
Ion	Ratio	Lower	Upper
94	100		
65	35.4	28.4	68.4
66	48.5	52.3	92.3#





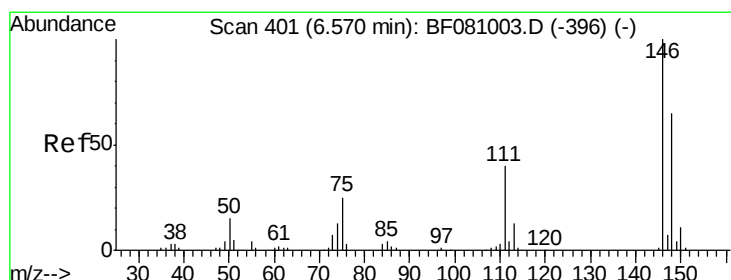
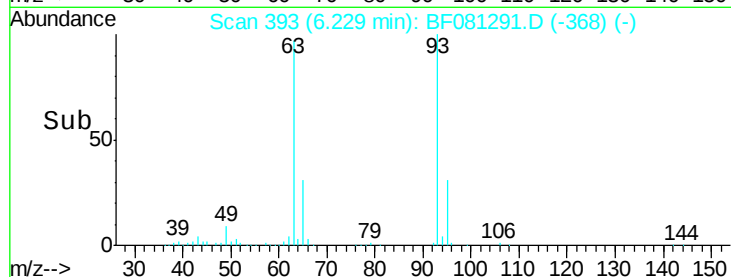
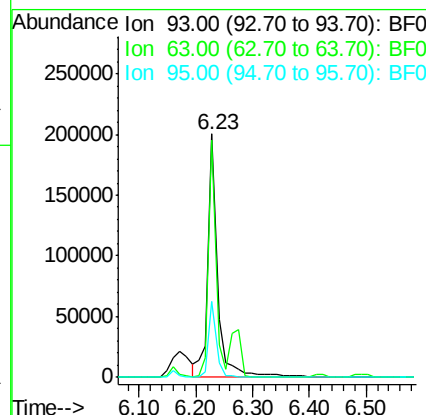
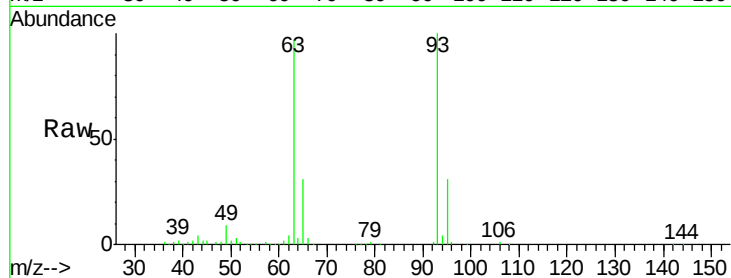
#11
bis(2-Chloroethyl)ether
Concen: 50.42 ng
RT: 6.23 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	97.2	69.6	109.6
95	31.0	12.3	52.3

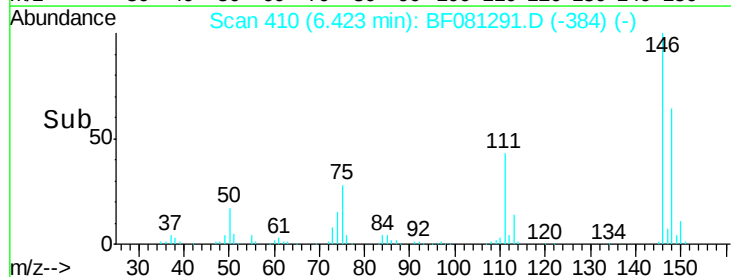
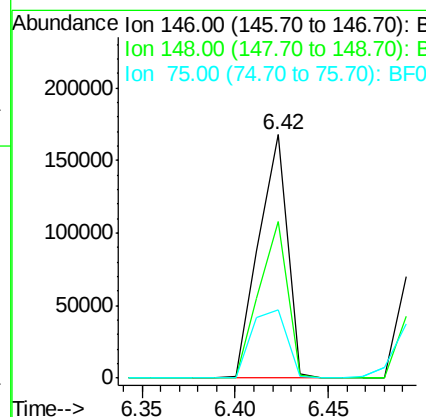
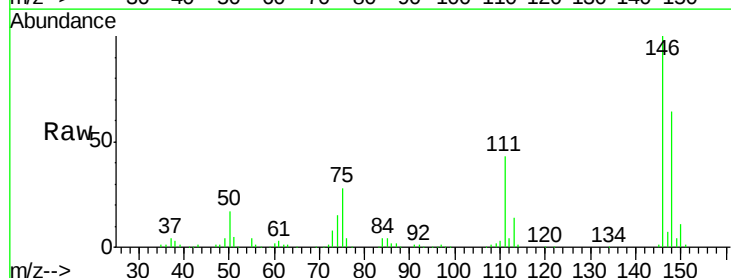
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#12
1,3-Dichlorobenzene
Concen: 38.60 ng
RT: 6.42 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.3	79.9
75	28.1	25.0	37.6





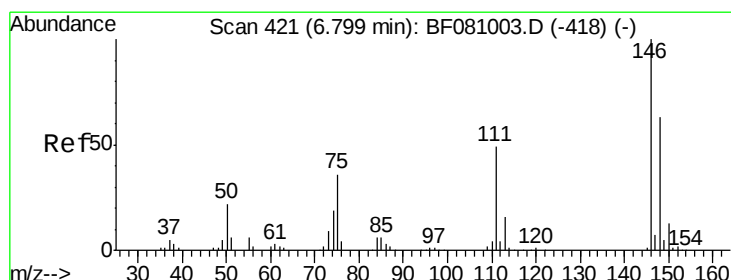
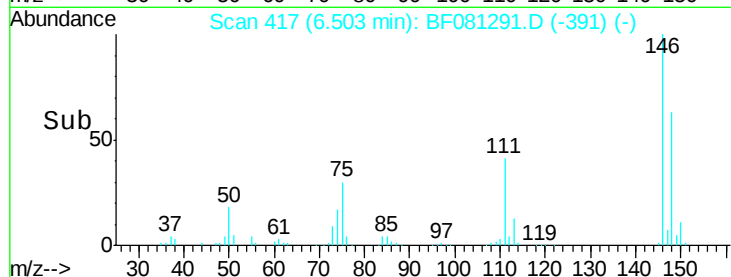
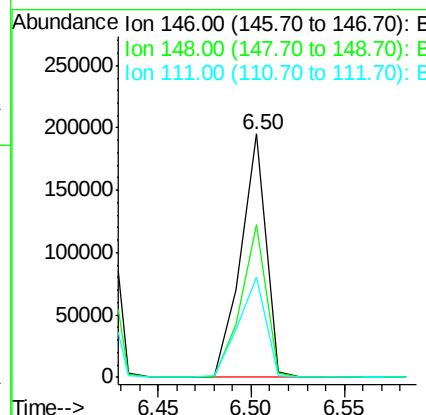
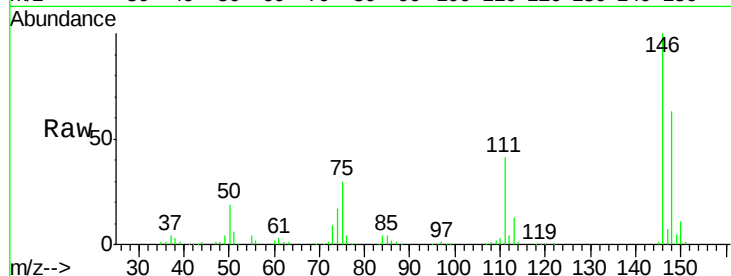
#13
 1,4-Dichlorobenzene
 Concen: 40.56 ng
 RT: 6.50 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.5	52.3	78.5
111	41.2	34.4	51.6

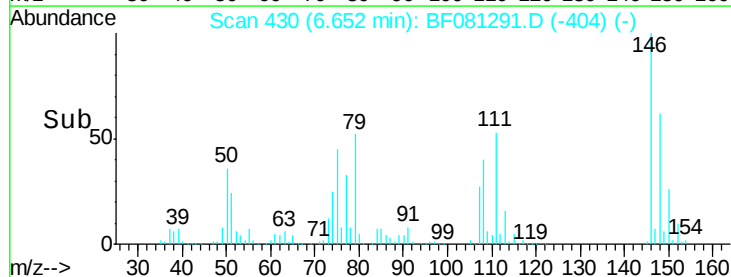
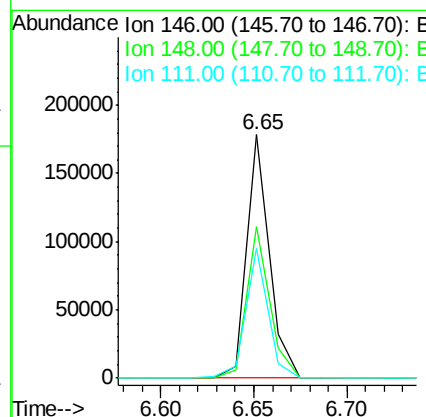
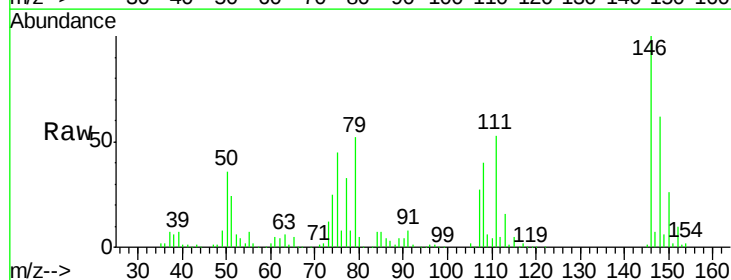
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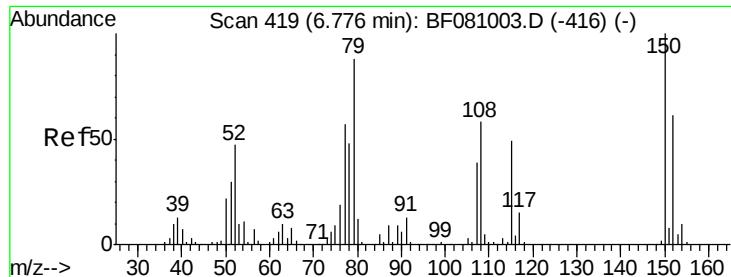
MMDadoda
 8/31/2015 1:59:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.25 ng
 RT: 6.65 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.2	48.7	73.1
111	53.4	42.3	63.5





#15

Benzyl Alcohol

Concen: 27.97 ng

RT: 6.65 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion: 79 Resp: 115892
Ion Ratio Lower Upper

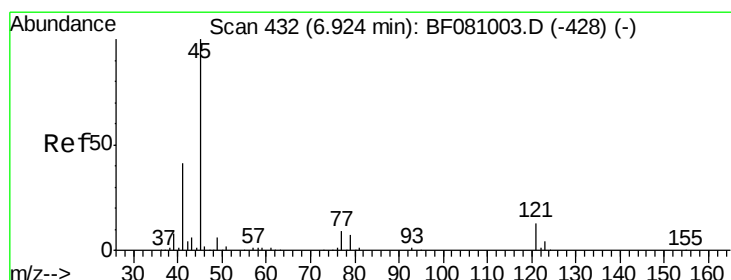
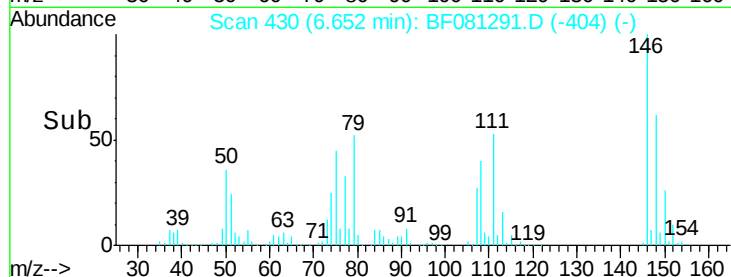
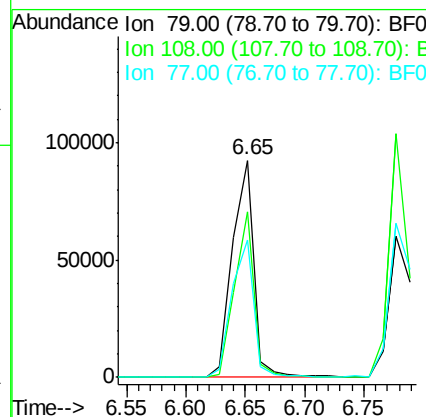
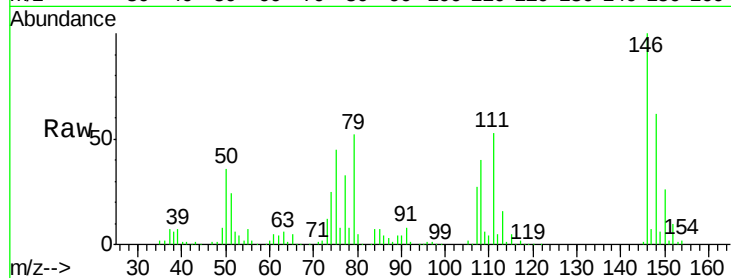
79 100

108 76.3 49.4 74.2#

77 63.1 51.4 77.0

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.92 ng

RT: 6.79 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF081291.D

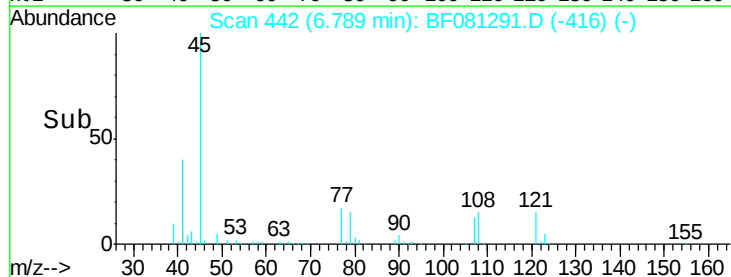
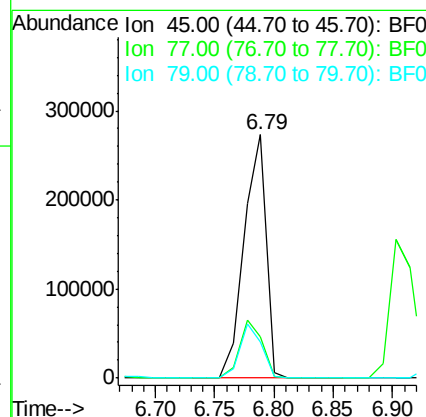
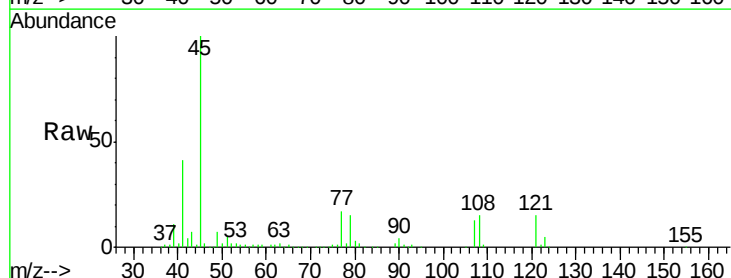
Acq: 30 Aug 2015 1:32

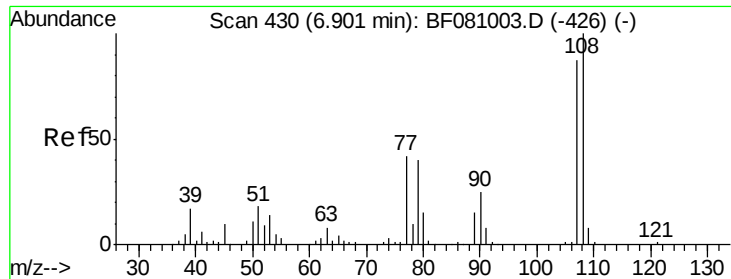
Tgt Ion: 45 Resp: 354917
Ion Ratio Lower Upper

45 100

77 16.9 0.0 30.2

79 14.8 0.0 28.0





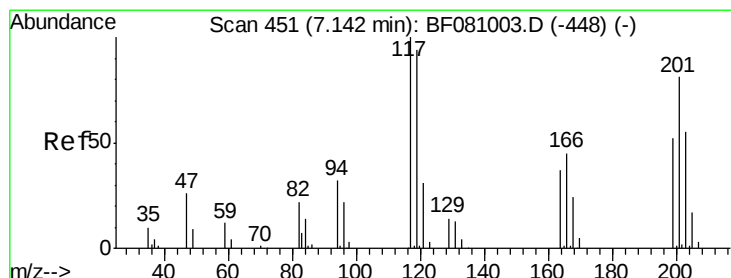
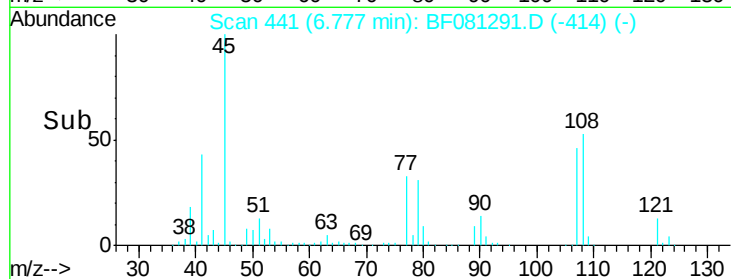
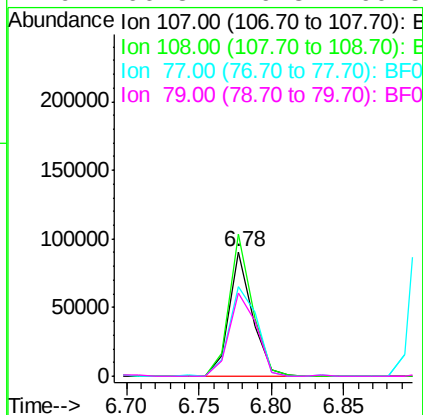
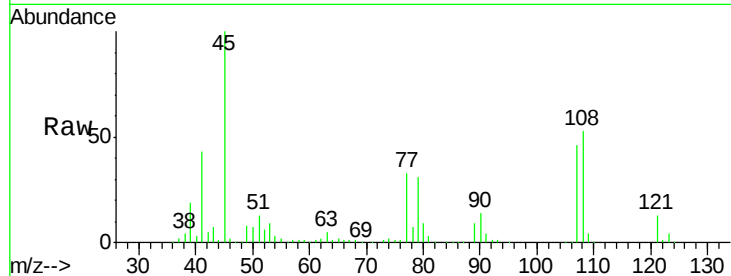
#17
 2-Methylphenol
 Concen: 27.30 ng
 RT: 6.78 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	100615		
108	114.7	90.4	135.6	
77	72.4	46.5	69.7	
79	66.8	46.3	69.5	

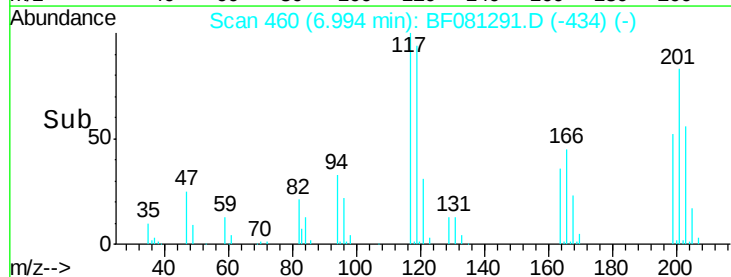
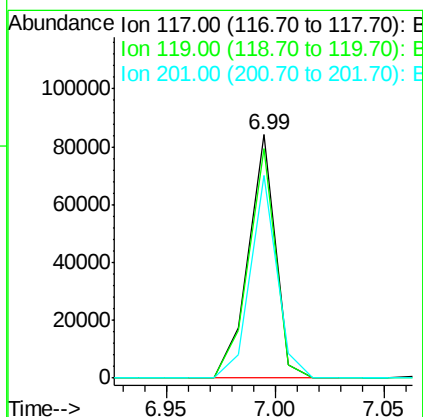
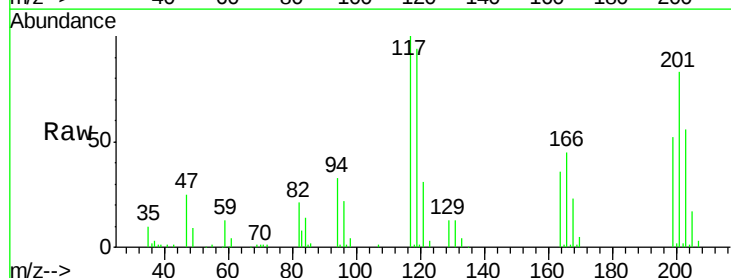
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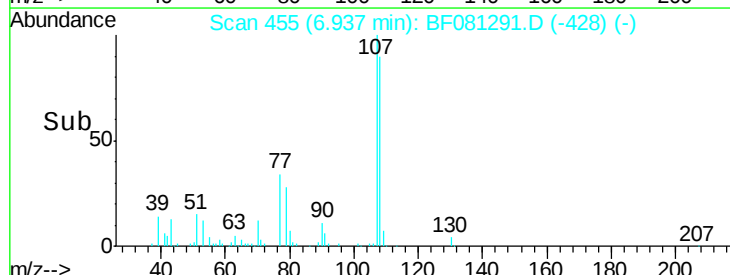
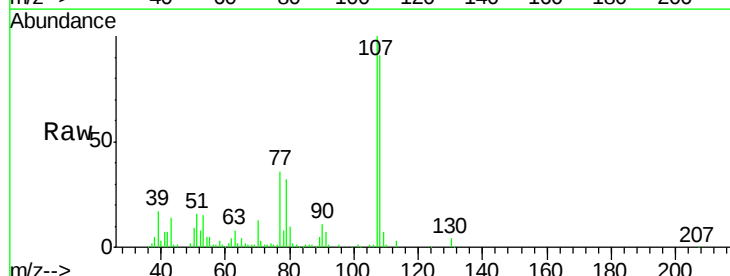
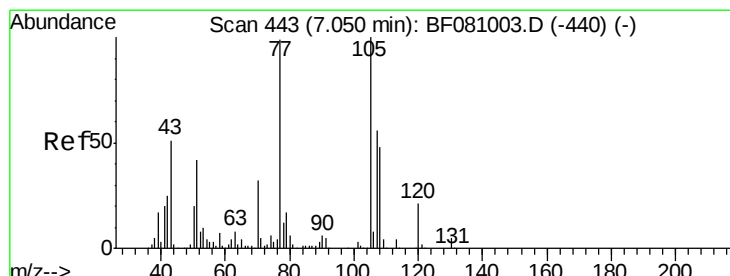
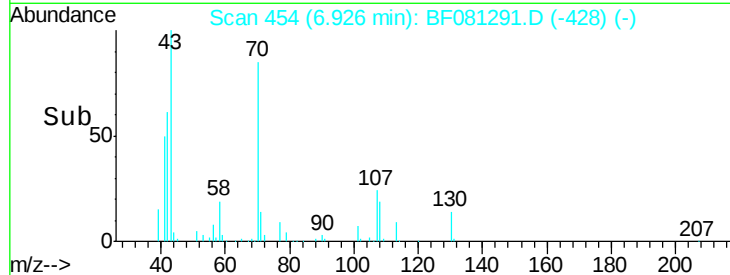
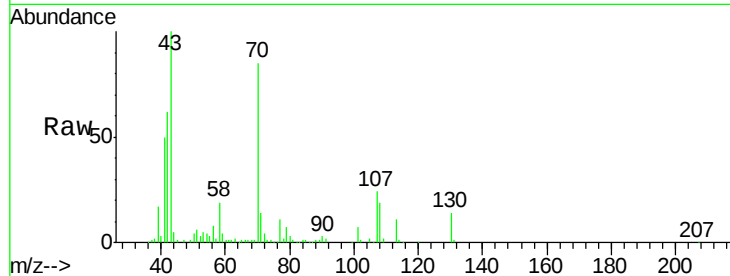
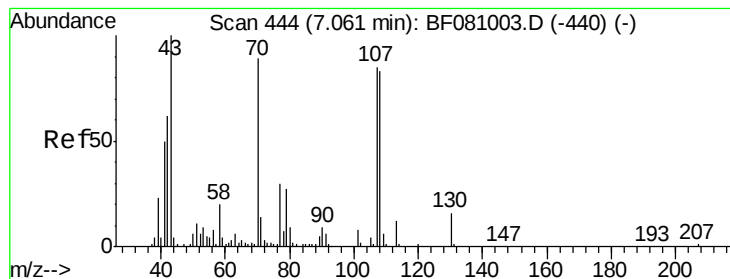
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#18
 Hexachloroethane
 Concen: 39.53 ng
 RT: 6.99 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73004		
119	94.3	77.9	116.9	
201	83.1	61.3	91.9	





#19

n-Nitroso-di-n-propylamine

Concen: 38.24 ng

RT: 6.93 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion: 70 Resp: 135641
Ion Ratio Lower Upper

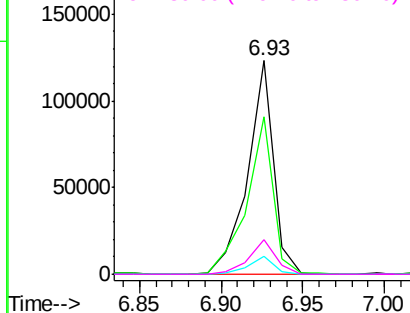
70 100

42 73.6 65.0 97.4

101 8.2 7.4 11.2

130 16.1 13.0 19.4

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 27.84 ng

RT: 6.94 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion: 107 Resp: 130241
Ion Ratio Lower Upper

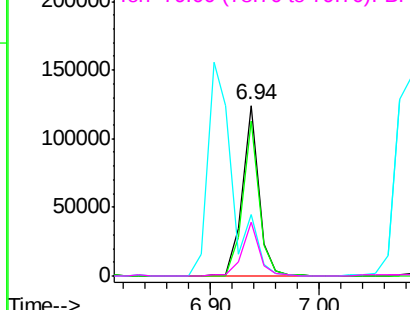
107 100

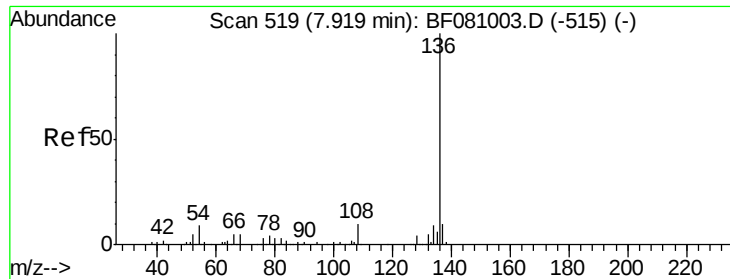
108 90.8 66.1 106.1

77 36.3 139.3 179.3#

79 31.9 11.9 51.9

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





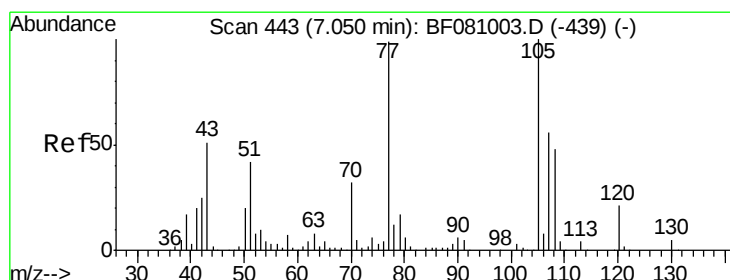
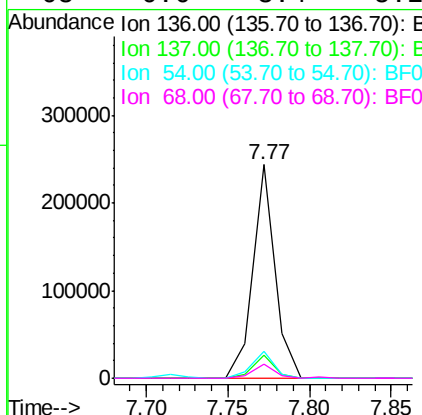
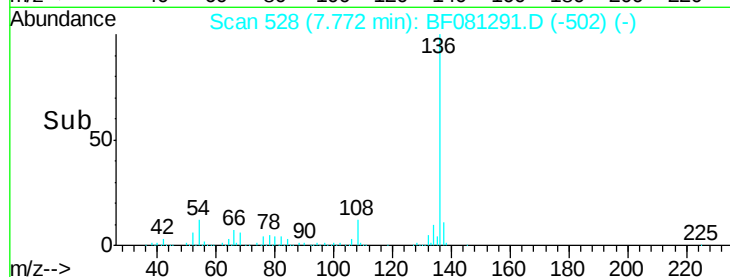
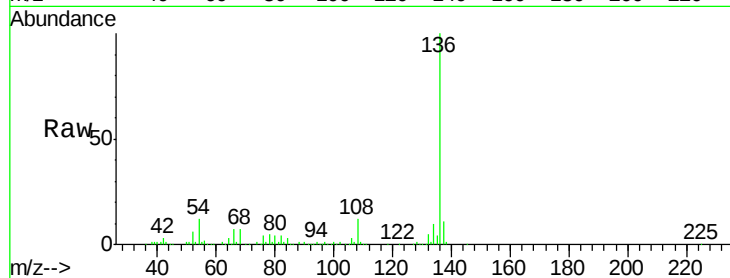
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	230419		
137	10.9	8.2	12.2	
54	12.3	7.7	11.5#	
68	6.6	3.4	5.2#	

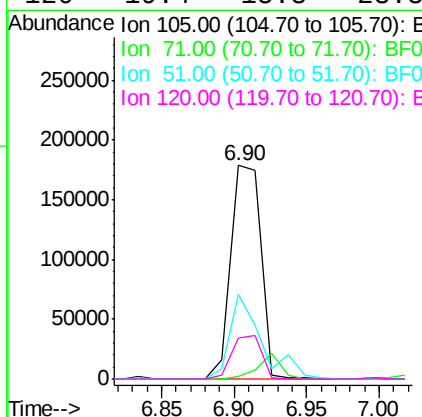
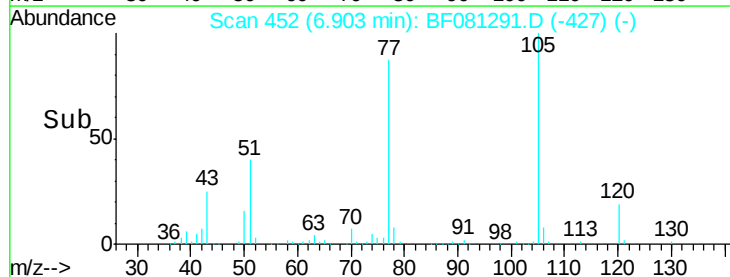
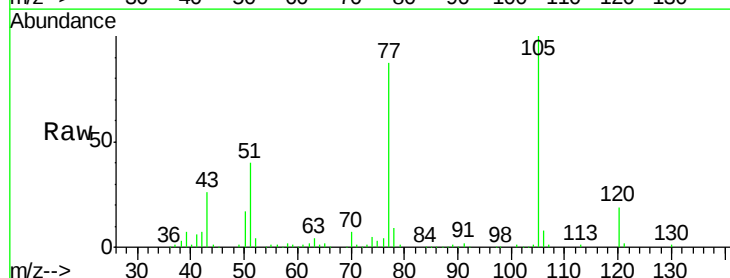
Manual Integrations
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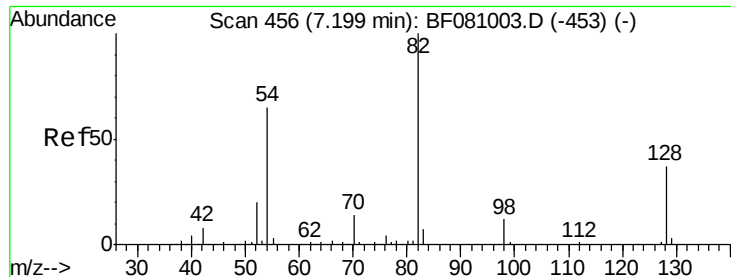
MMDadoda
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#22
Acetophenone
Concen: 42.57 ng
RT: 6.90 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257512		
71	1.3	3.0	4.6#	
51	39.7	39.8	59.8#	
120	19.4	15.8	23.8	





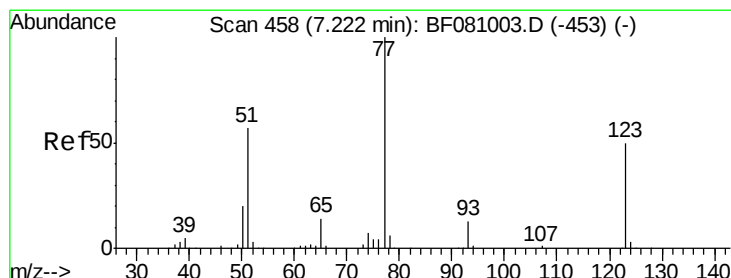
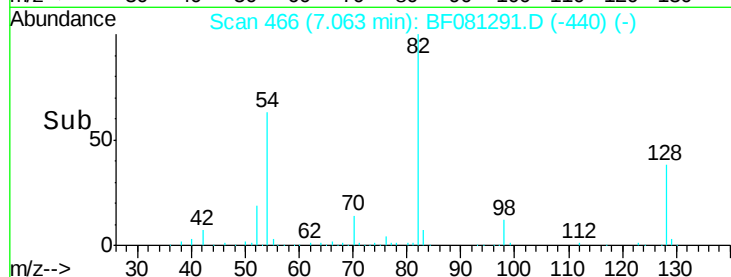
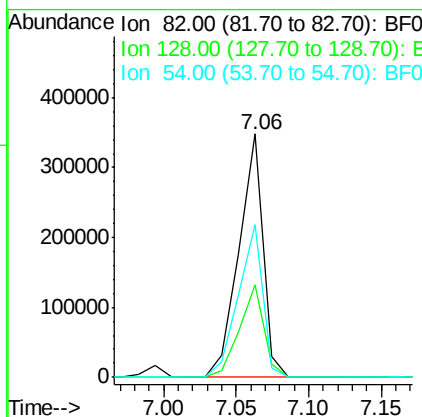
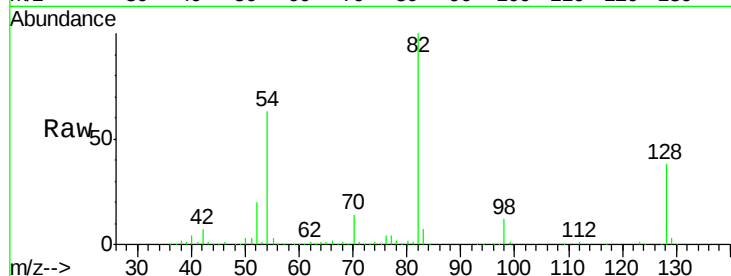
#23
 Nitrobenzene-d5
 Concen: 80.17 ng
 RT: 7.06 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	404379		
128	38.3	28.6	42.8	
54	62.9	55.1	82.7	

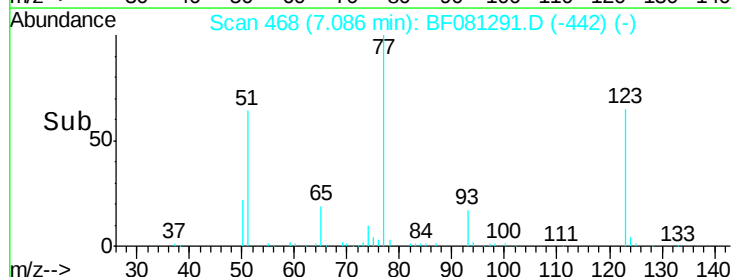
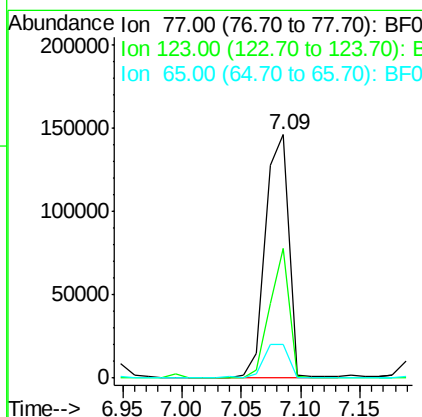
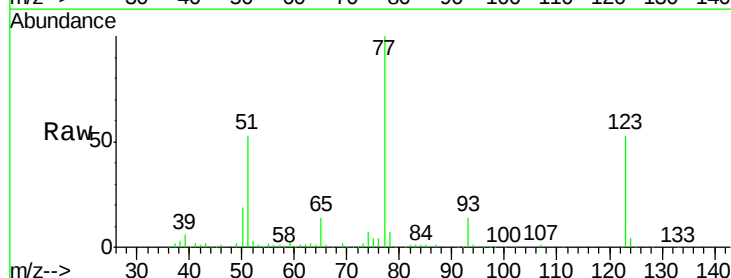
Manual Integrations
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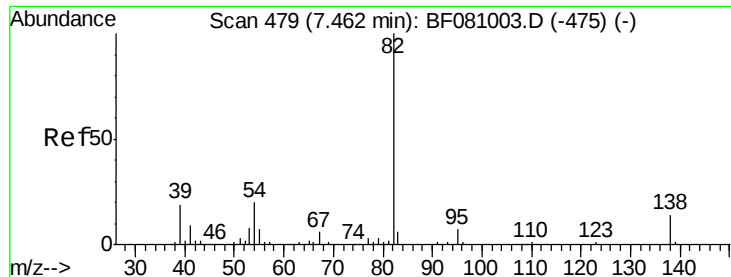
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#24
 Nitrobenzene
 Concen: 38.63 ng
 RT: 7.09 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	203749		
123	53.3	32.9	49.3#	
65	14.0	12.5	18.7	





#25

Isophorone

Concen: 38.06 ng

RT: 7.33 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

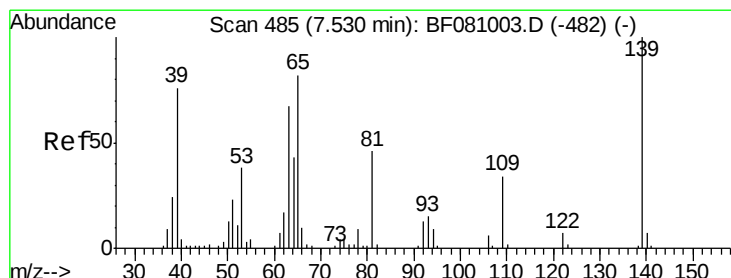
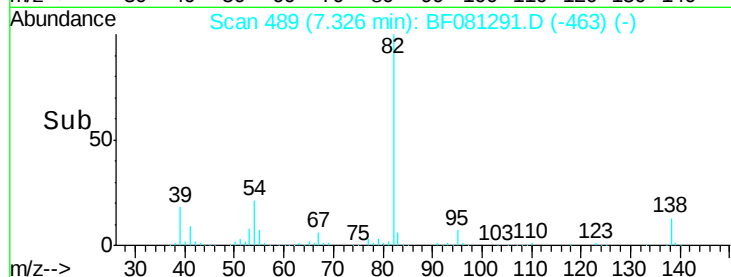
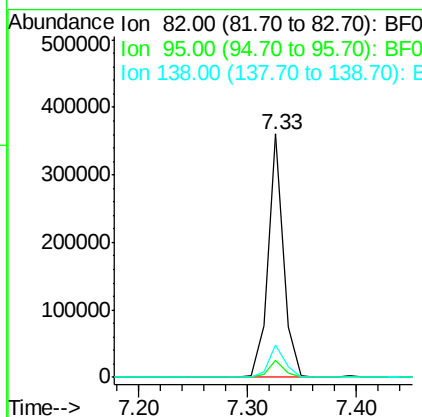
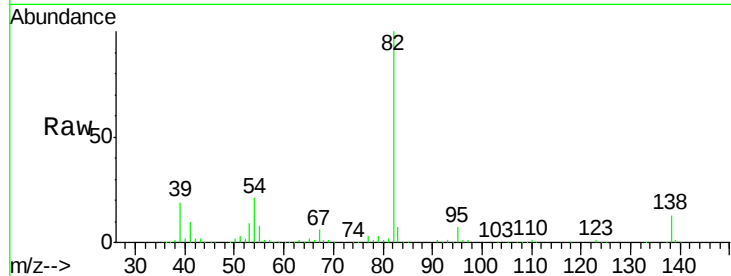
ClientSampleId :

MW-04MS

Tgt Ion:	82	Resp:	358043
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.2	9.2
138	13.5	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.24 ng

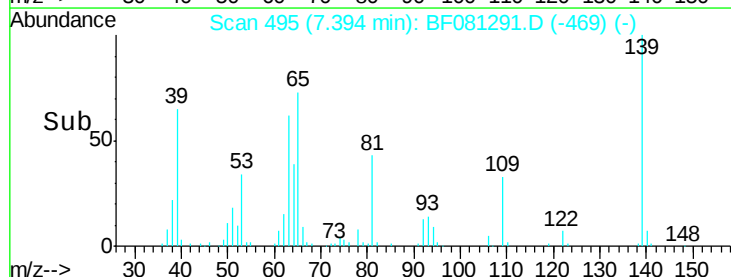
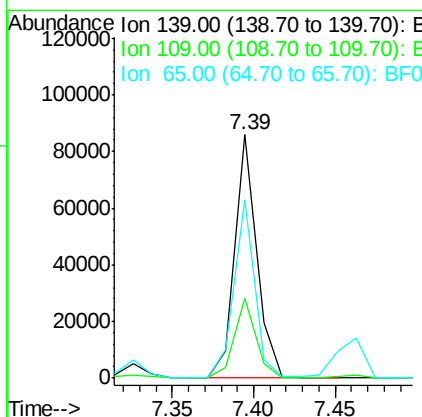
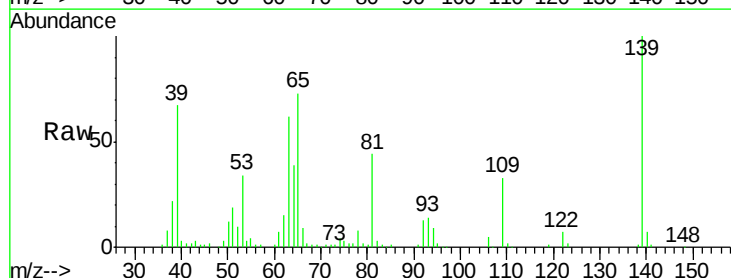
RT: 7.39 min Scan# 495

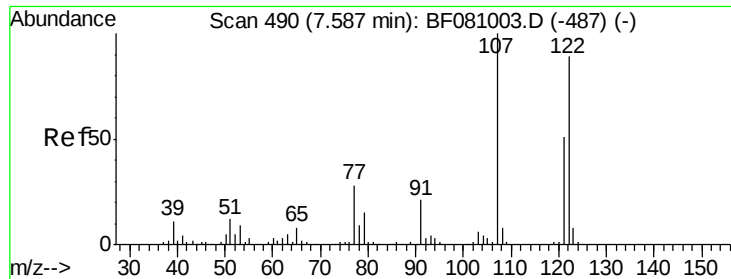
Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:	139	Resp:	79476
Ion Ratio	Lower	Upper	
139	100		
109	33.0	32.1	48.1
65	73.4	69.9	104.9





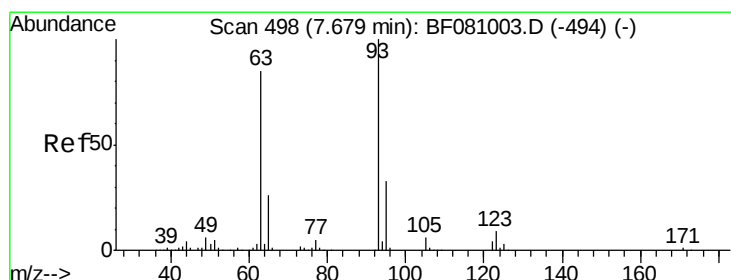
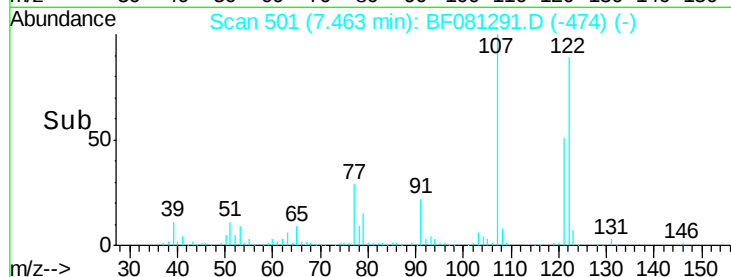
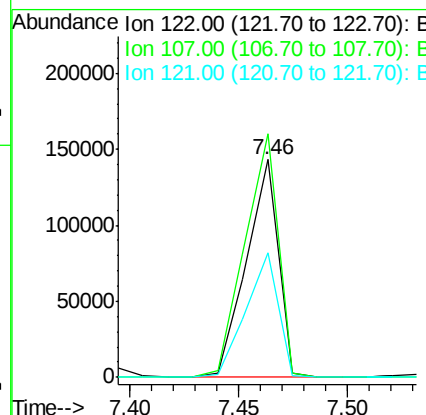
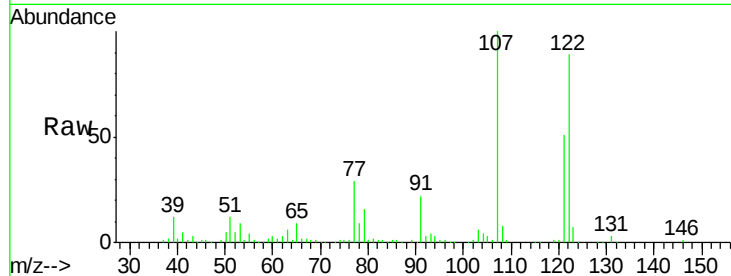
#27
 2,4-Dimethylphenol
 Concen: 37.82 ng
 RT: 7.46 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146744		
107	111.9	103.8	155.6	
121	57.3	47.0	70.4	

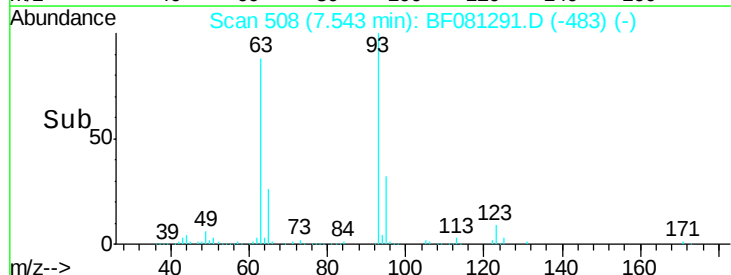
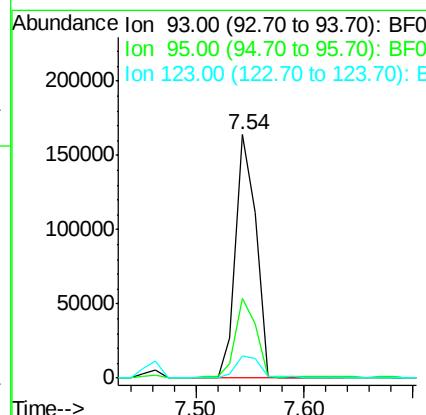
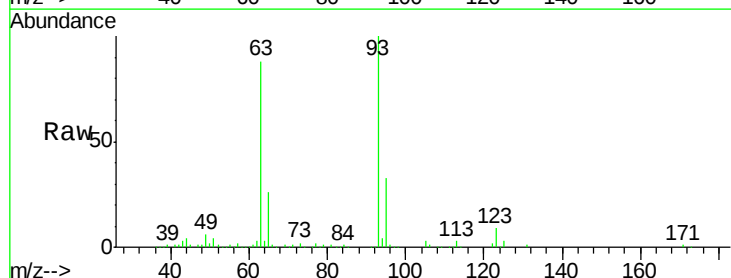
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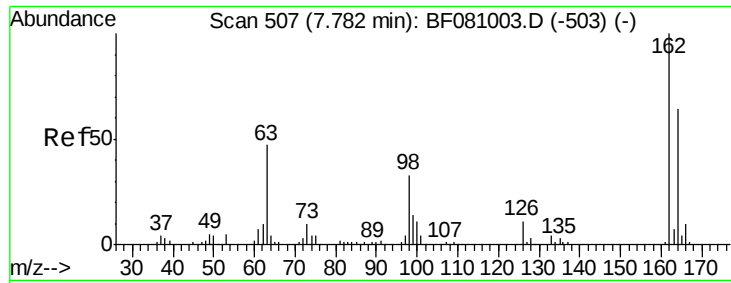
MMDadoda
 8/31/2015 1:59:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.73 ng
 RT: 7.54 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209652		
95	32.7	25.8	38.8	
123	8.9	7.4	11.0	





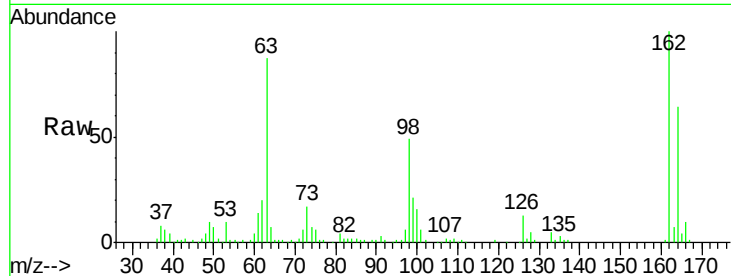
#29
2,4-Dichlorophenol
Concen: 37.61 ng
RT: 7.65 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

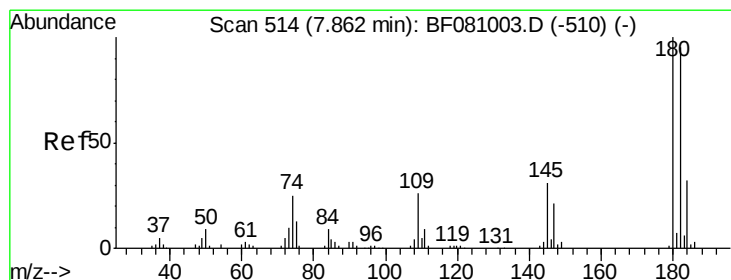
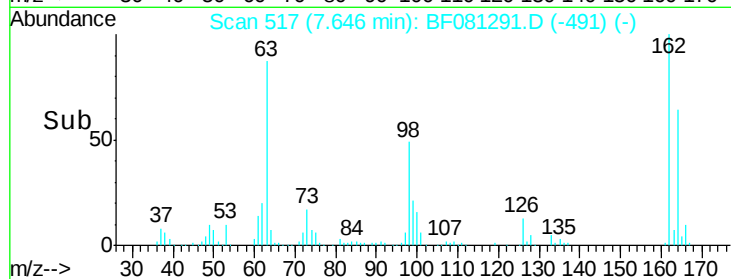
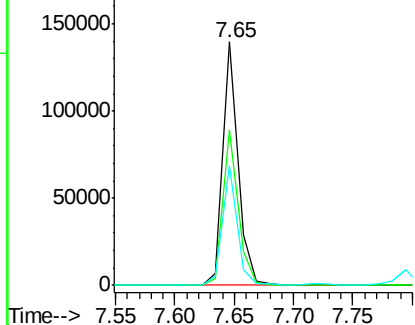
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	43.2	83.2
98	49.1	12.3	52.3

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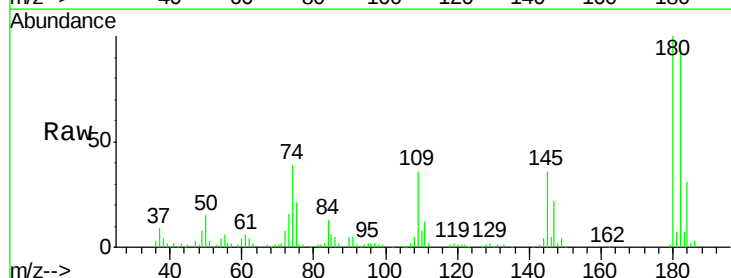


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

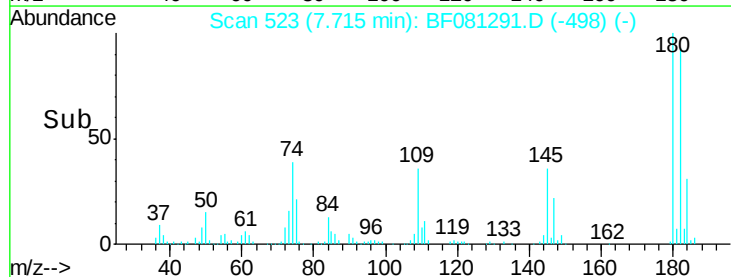
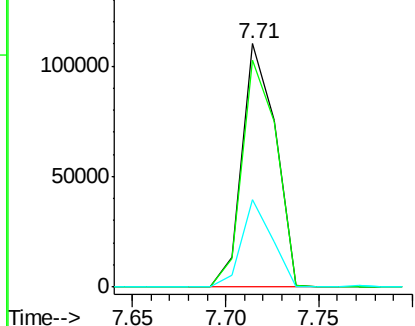


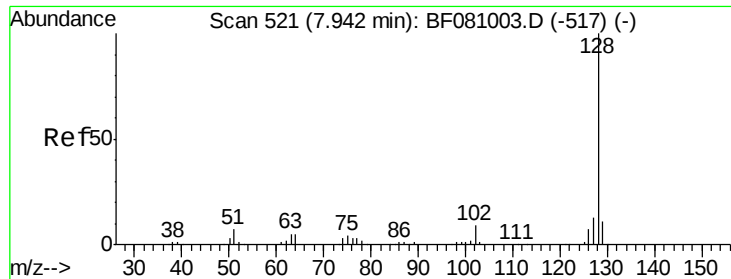
#30
1,2,4-Trichlorobenzene
Concen: 37.81 ng
RT: 7.71 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.3	76.4	114.6
145	36.0	25.4	38.2



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





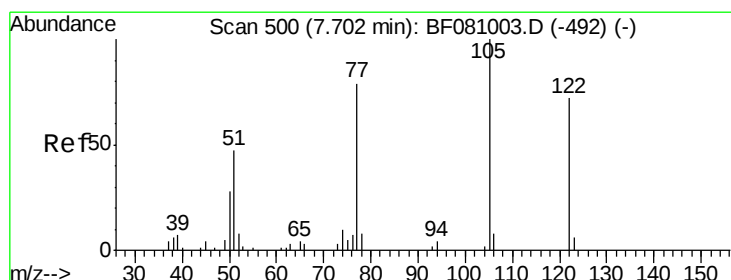
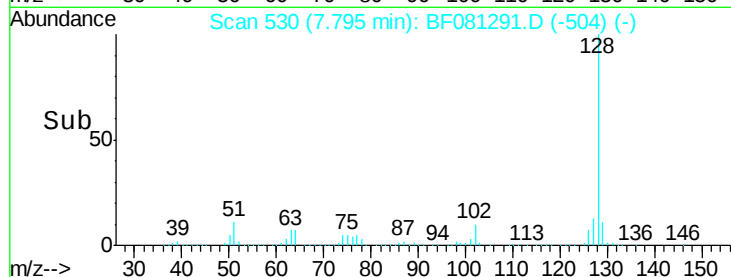
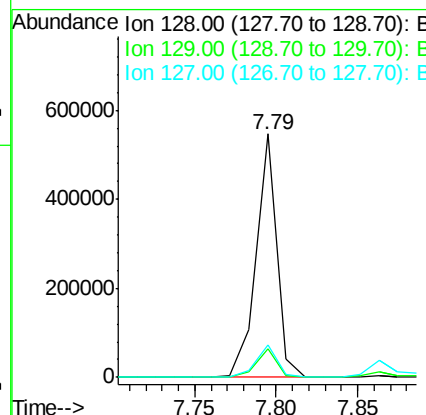
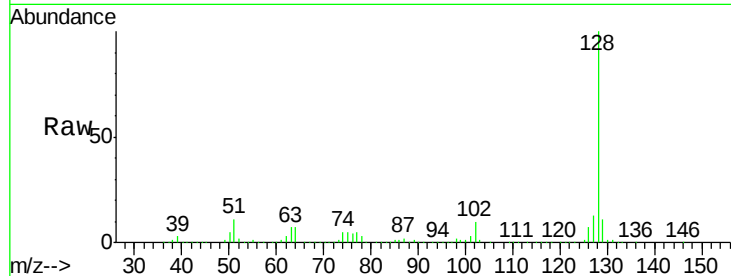
#31
Naphthalene
Concen: 37.37 ng
RT: 7.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.4	12.6
127	13.4	10.6	16.0

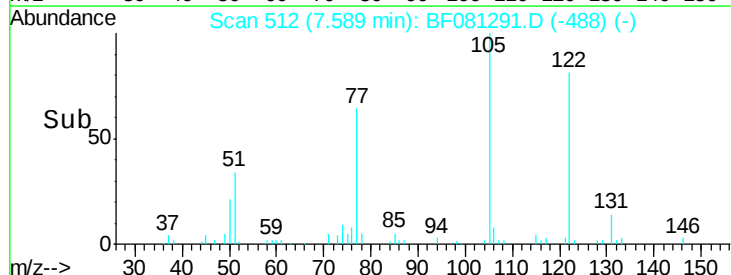
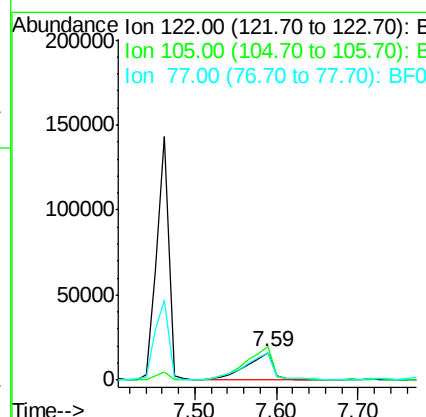
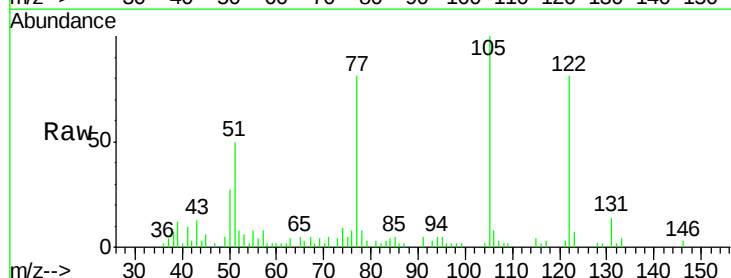
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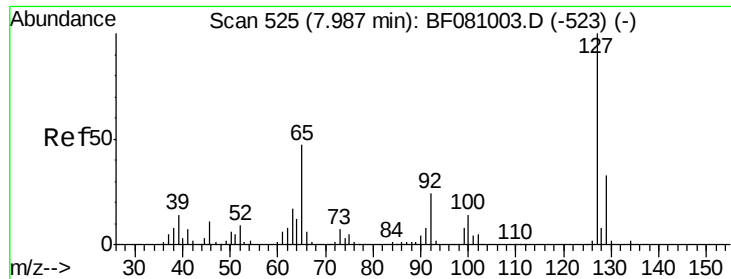
MMDadoda
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#32
Benzoic acid
Concen: 17.43 ng
RT: 7.59 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	123.7	113.8	153.8
77	100.4	93.8	133.8





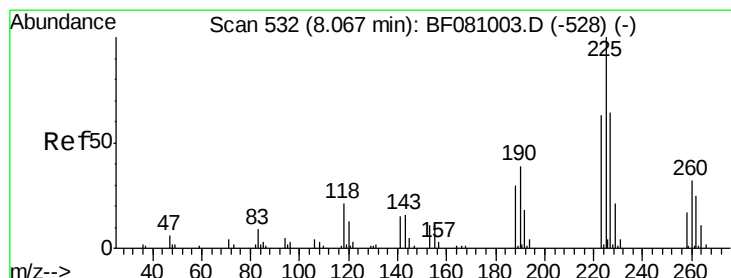
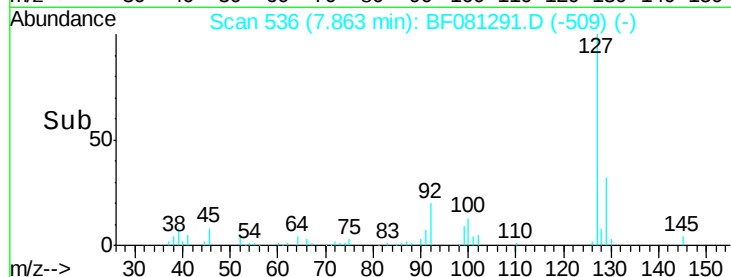
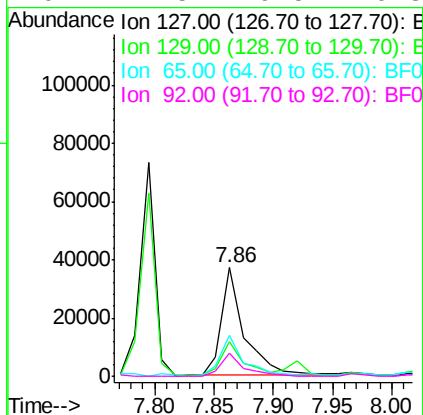
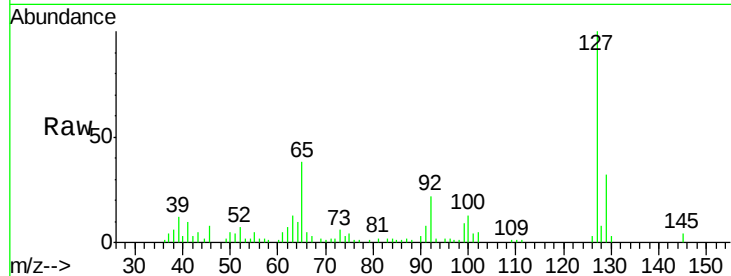
#33
4-Chloroaniline
Concen: 9.23 ng
RT: 7.86 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	50043		
129	32.2	25.2	37.8	
65	37.6	37.8	56.6	
92	21.5	19.5	29.3	

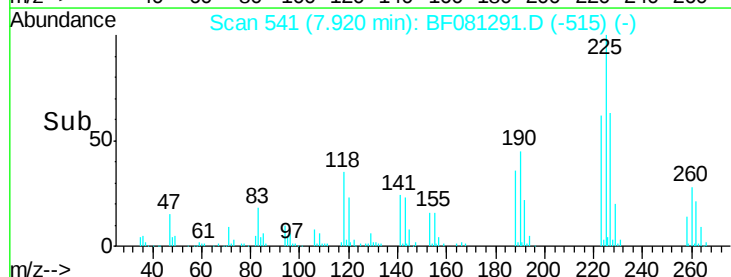
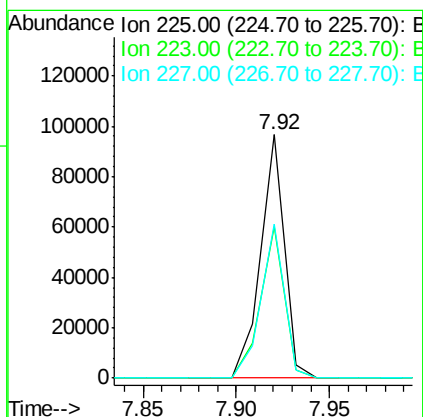
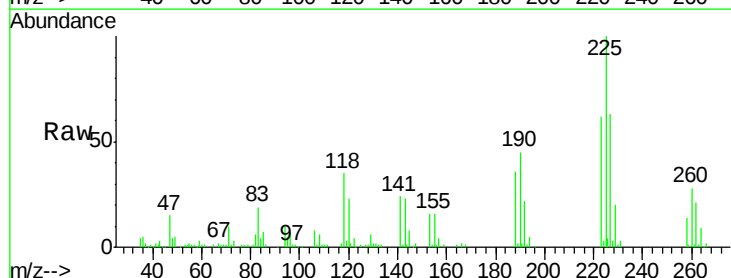
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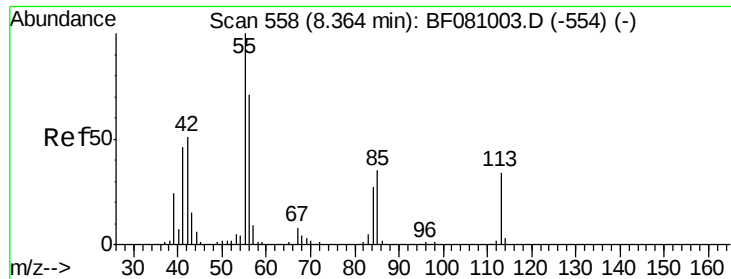
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#34
Hexachlorobutadiene
Concen: 41.29 ng
RT: 7.92 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84768		
223	62.0	52.6	79.0	
227	63.1	51.1	76.7	





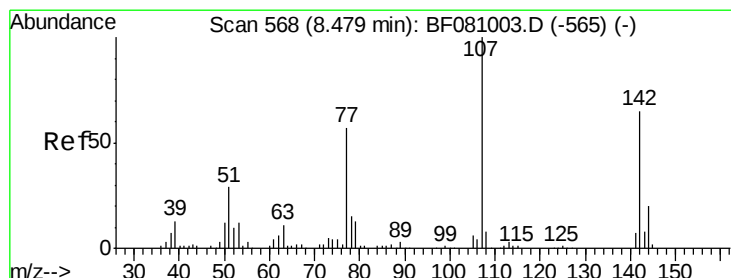
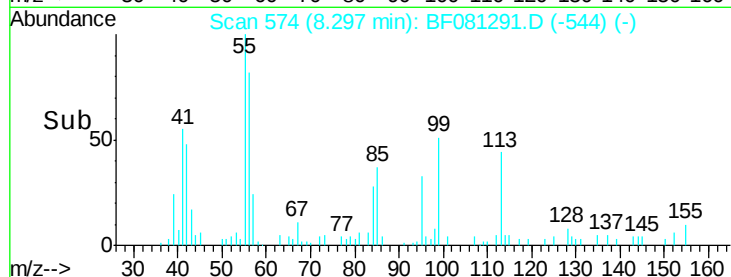
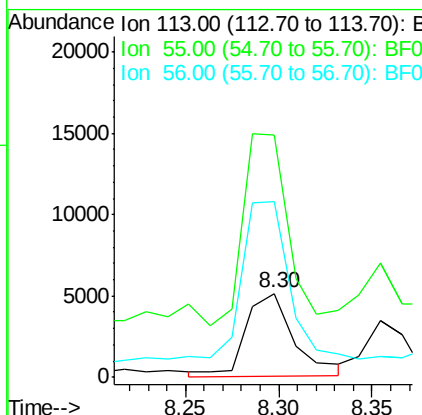
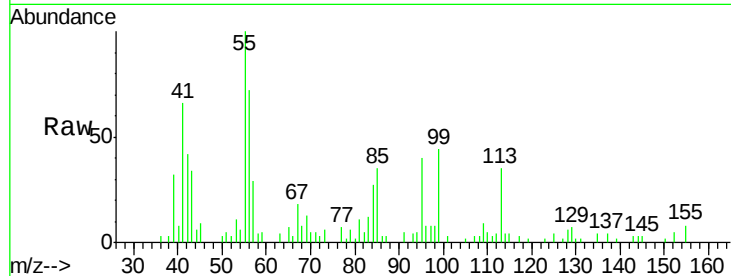
#35
 Caprolactam
 Concen: 7.89 ng
 RT: 8.30 min Scan# 574
 Delta R.T. 0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	288.1	280.4	320.4
56	208.1	205.9	245.9

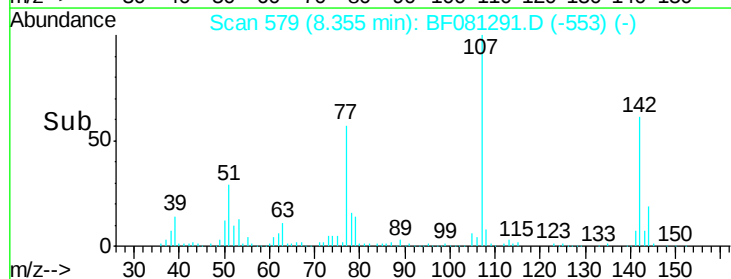
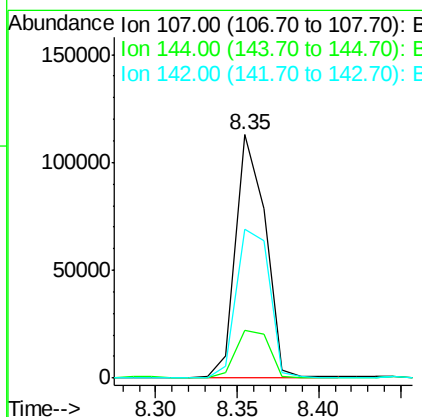
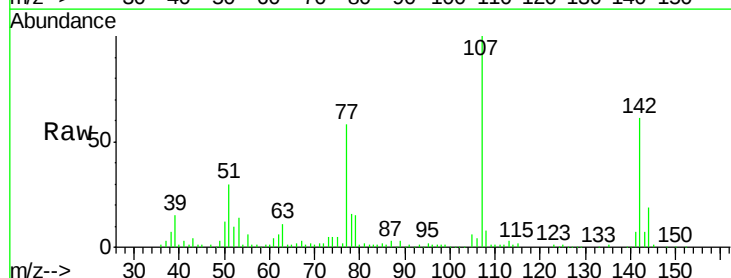
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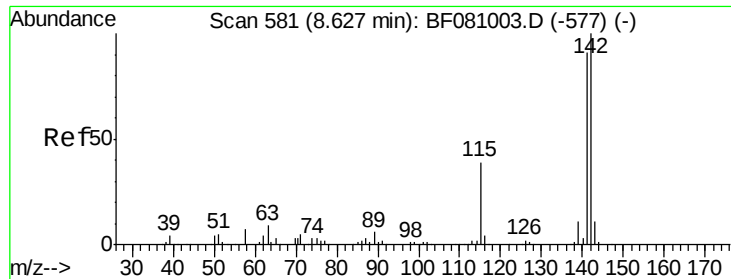
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#36
 4-Chloro-3-methylphenol
 Concen: 36.66 ng
 RT: 8.35 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.4	17.2	25.8
142	61.0	54.9	82.3





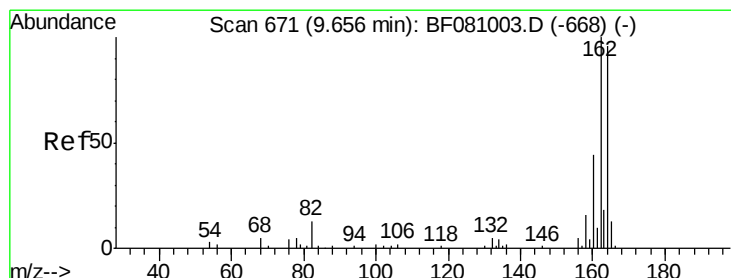
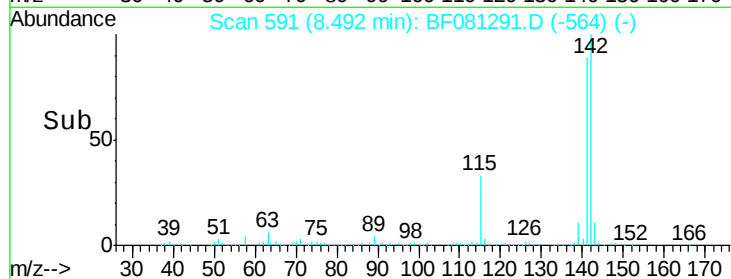
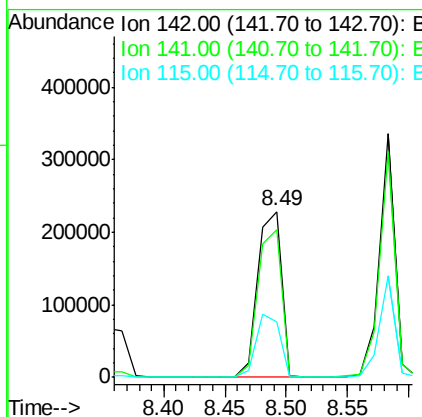
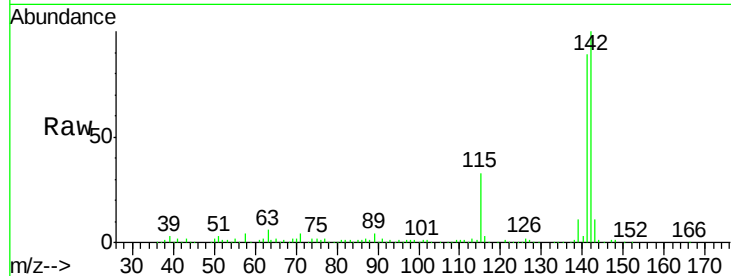
#37
 2-Methylnaphthalene
 Concen: 38.75 ng m
 RT: 8.49 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	33.2	33.4	50.0

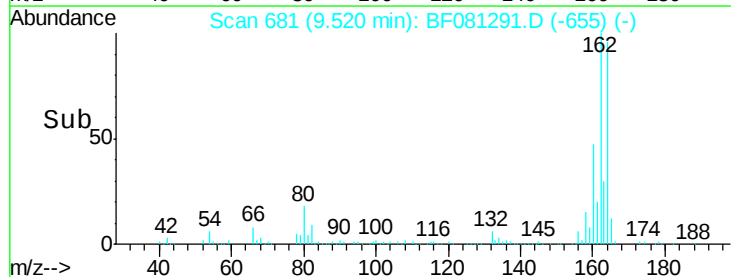
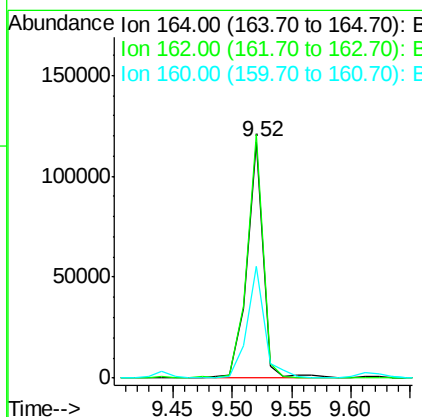
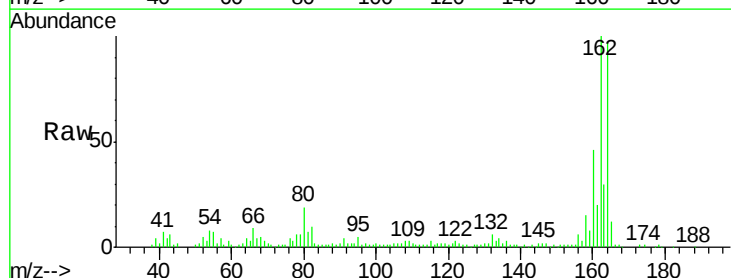
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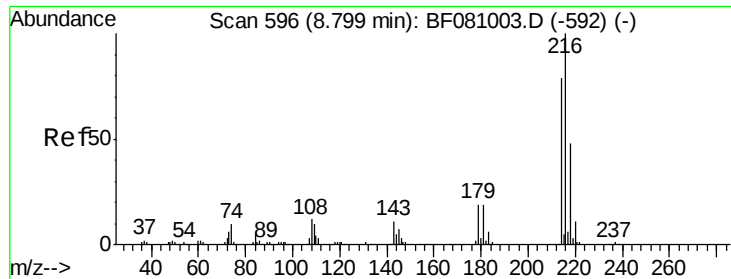
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.8	125.8
160	47.5	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.84 ng

RT: 8.65 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

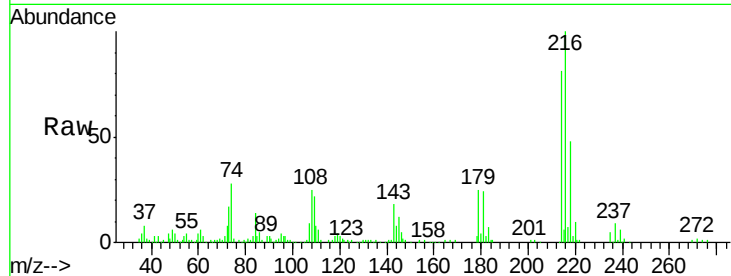
ClientSampleId :

MW-04MS

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Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	80.5	63.8	95.8
179	24.1	17.8	26.8
108	27.9	16.2	24.2



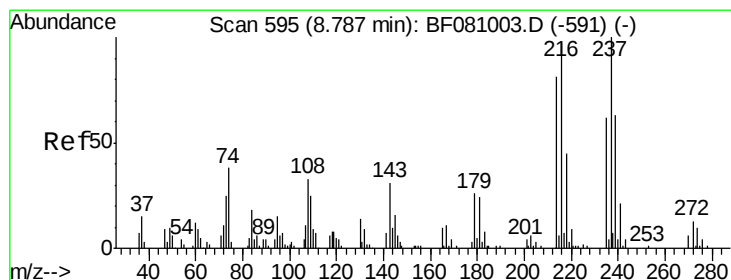
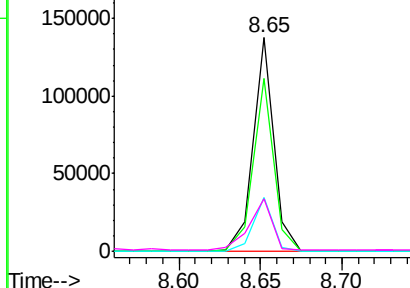
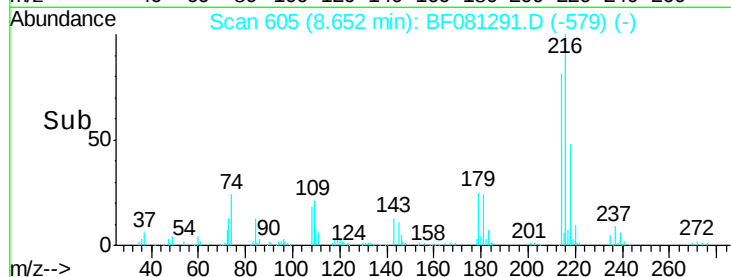
Abundance

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: 54.19 ng

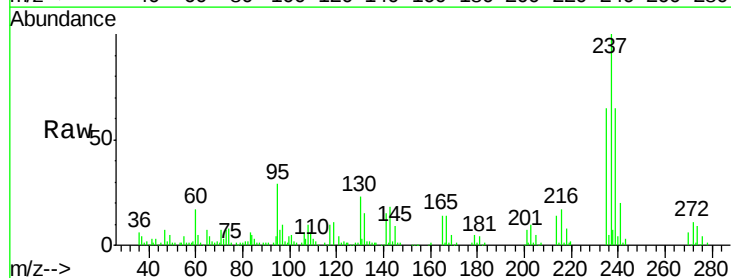
RT: 8.64 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.0	43.6	83.6
272	11.2	0.0	32.2

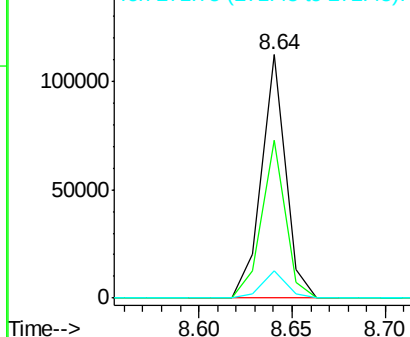
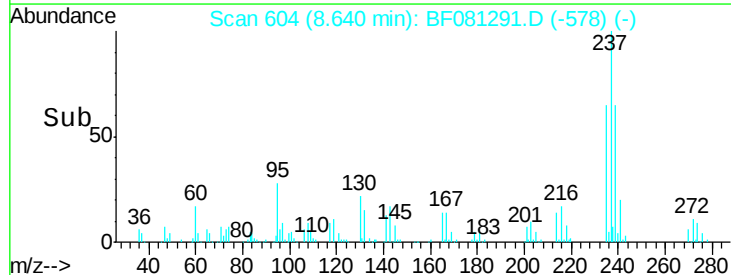


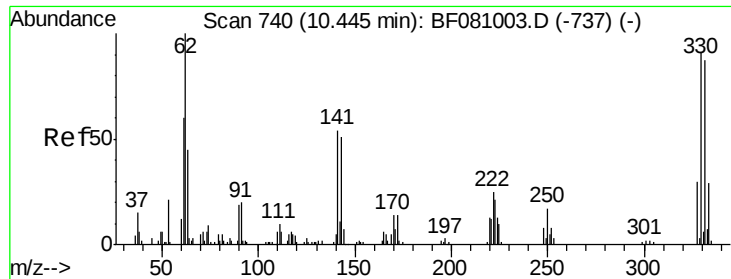
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





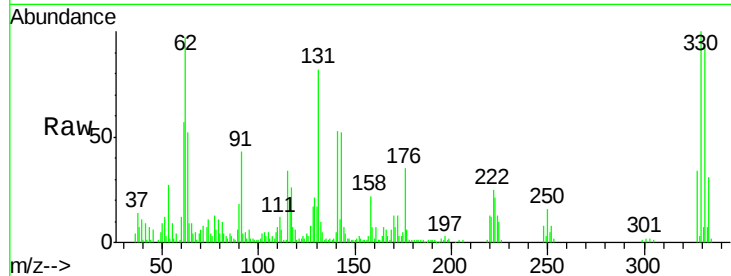
#41
 2,4,6-Tribromophenol
 Concen: 98.43 ng
 RT: 10.31 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleID :
 MW-04MS

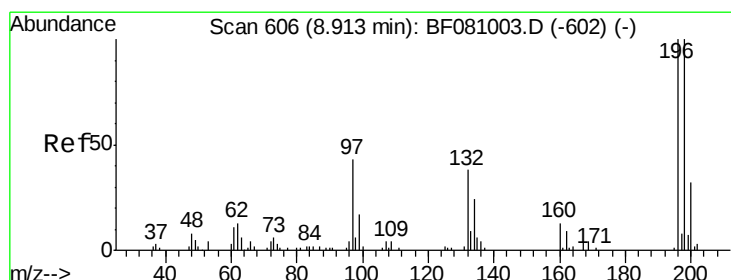
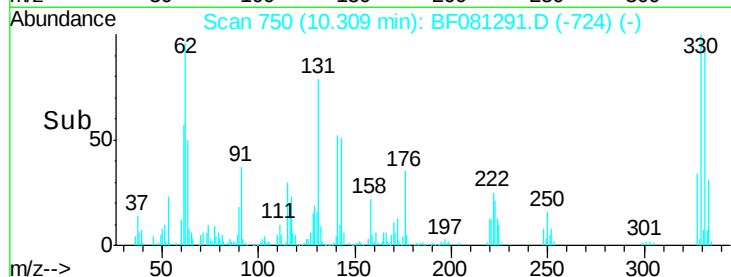
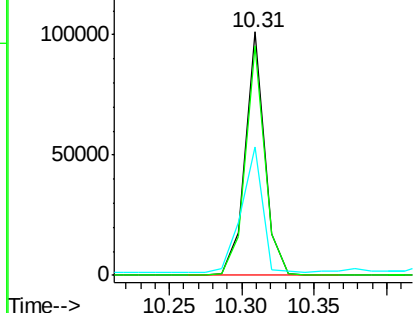
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	94534		
332	94.5	77.3	115.9	
141	56.3	44.9	67.3	

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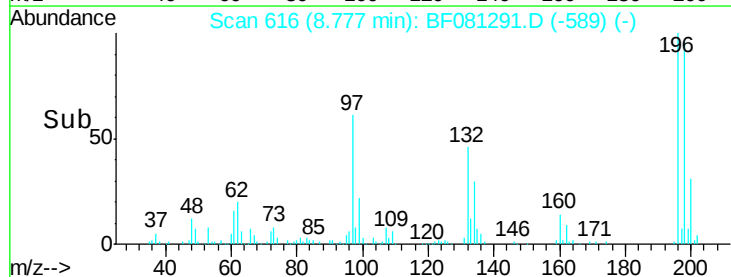
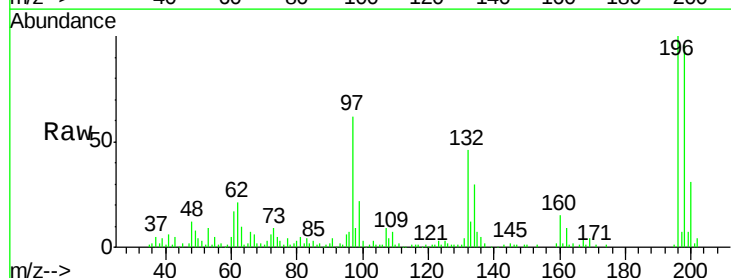
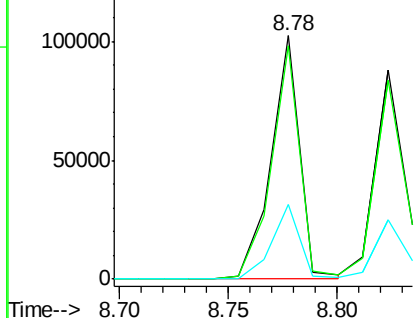
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.37 ng
 RT: 8.78 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94384		
198	95.6	74.6	111.8	
200	30.5	22.7	34.1	

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





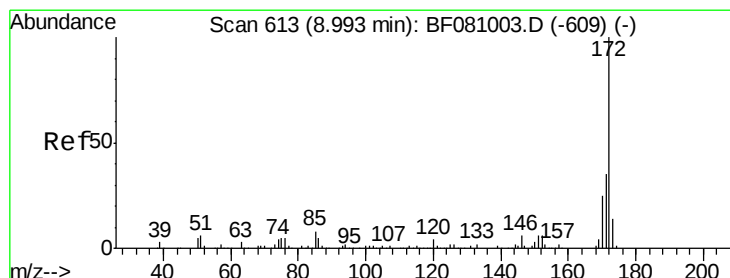
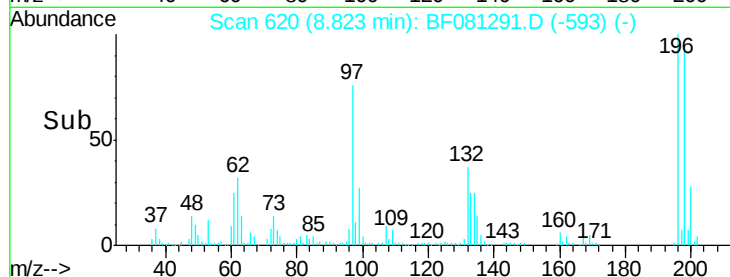
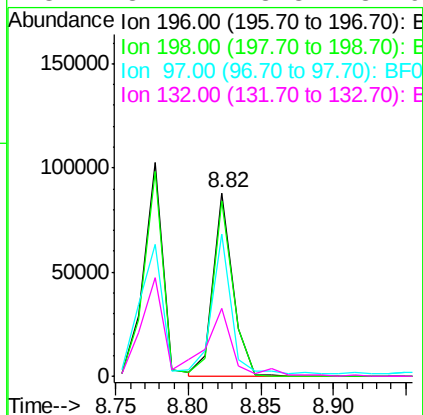
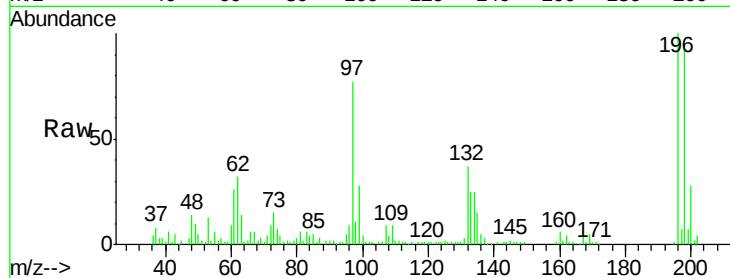
#43
 2,4,5-Trichlorophenol
 Concen: 33.12 ng
 RT: 8.82 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83590		
198	95.4	78.3	117.5	
97	77.3	42.7	64.1#	
132	37.1	23.3	34.9#	

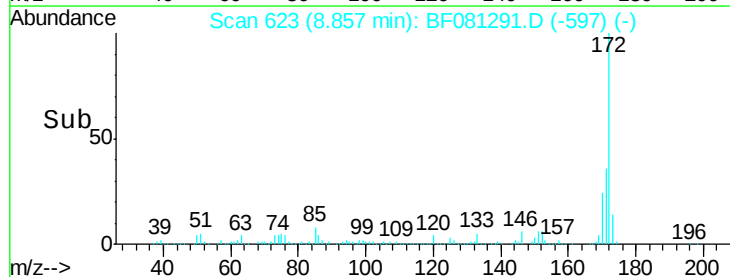
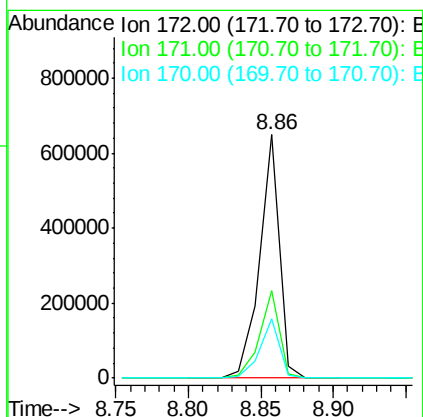
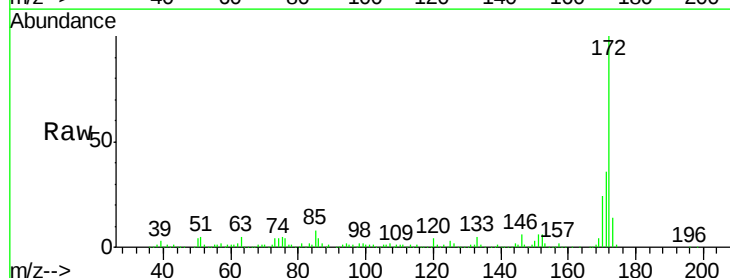
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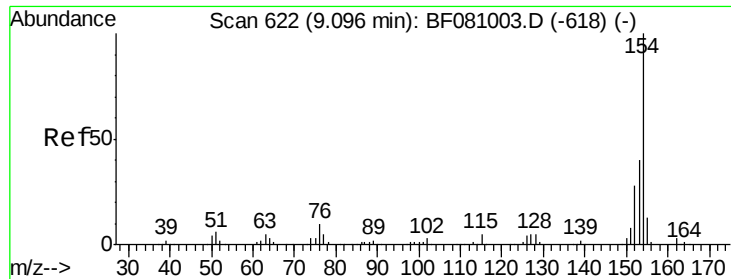
MMDadoda
 8/31/2015 1:59:20 PM



#44
 2-Fluorobiphenyl
 Concen: 72.55 ng
 RT: 8.86 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	613449		
171	35.8	28.9	43.3	
170	24.4	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 35.27 ng

RT: 8.95 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

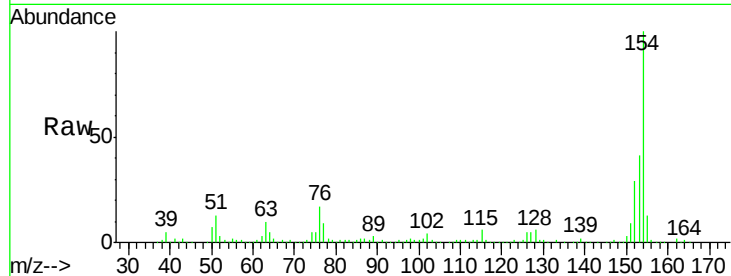
ClientSampleId :

MW-04MS

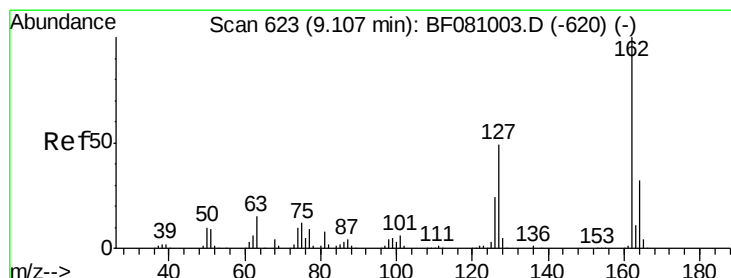
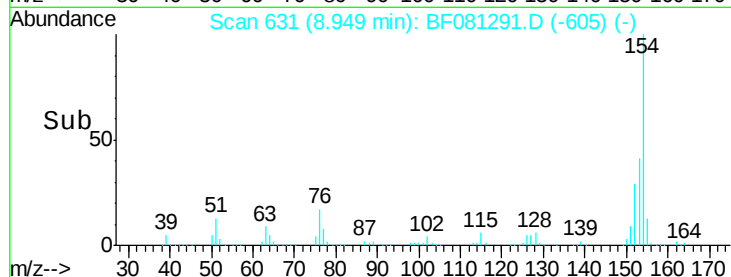
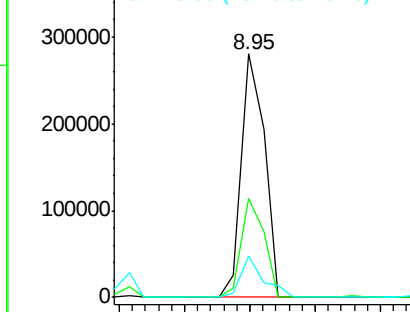
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Tgt Ion:	154	Resp:	344173
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.5	59.5
76	16.9	0.0	29.3



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: 35.82 ng

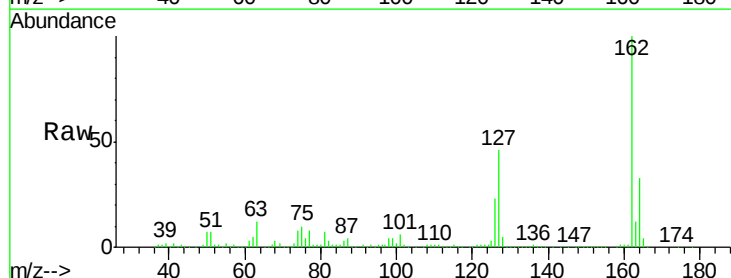
RT: 8.97 min Scan# 633

Delta R.T. 0.00 min

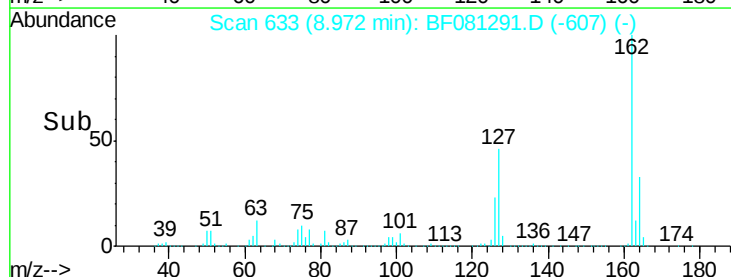
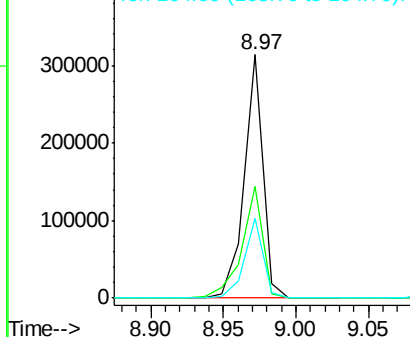
Lab File: BF081291.D

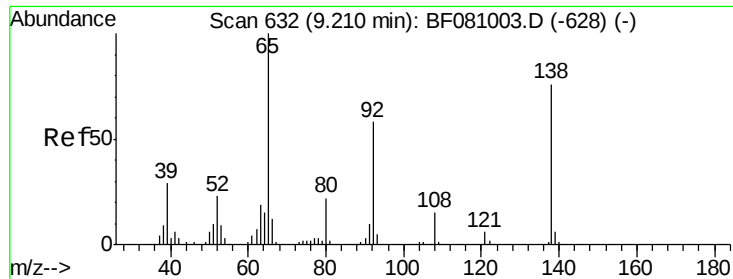
Acq: 30 Aug 2015 1:32

Tgt Ion:	162	Resp:	280847
Ion Ratio	Lower	Upper	
162	100		
127	46.1	31.3	46.9
164	32.8	26.3	39.5



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





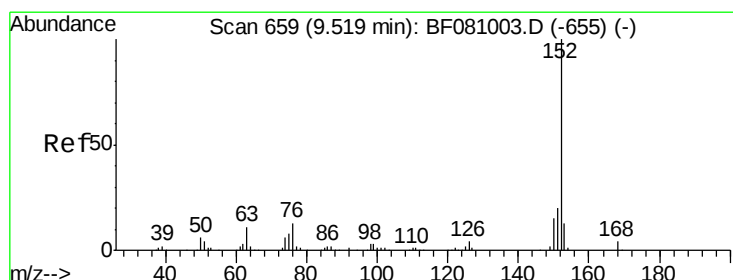
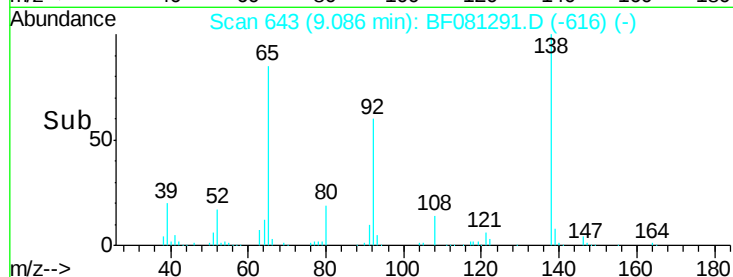
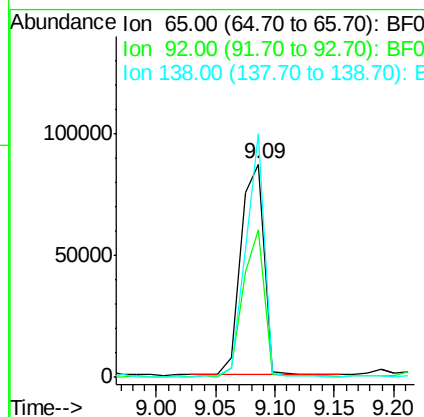
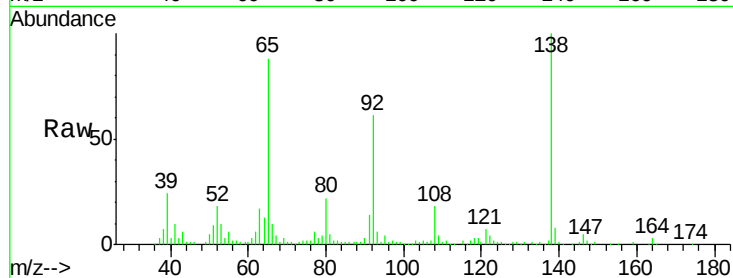
#47
2-Nitroaniline
Concen: 36.60 ng
RT: 9.09 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	117431		
92	69.4	45.6	68.4#	
138	114.2	57.9	86.9#	

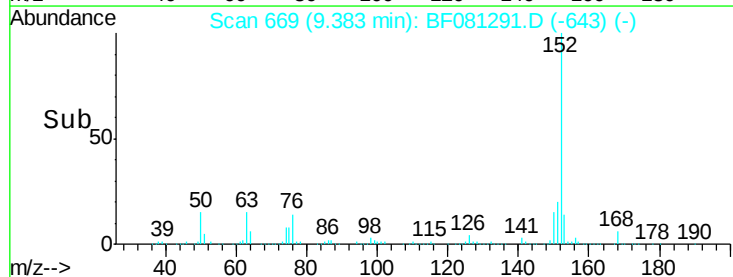
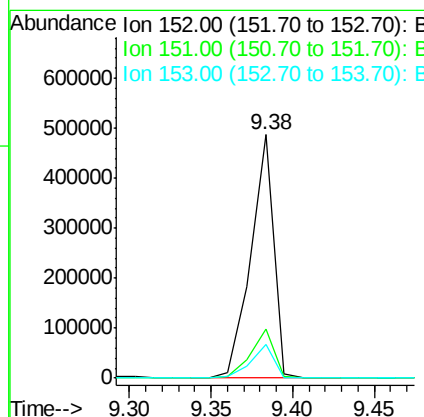
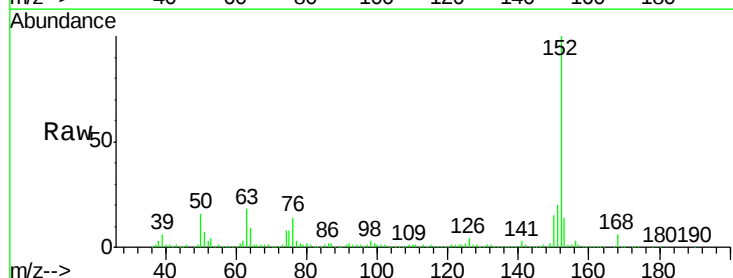
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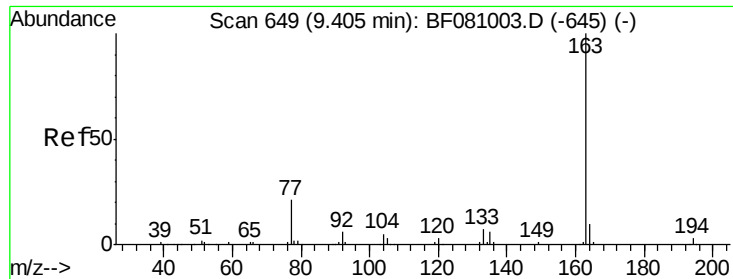
MMDadoda
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#48
Acenaphthylene
Concen: 33.62 ng
RT: 9.38 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	471571		
151	20.1	16.1	24.1	
153	13.6	9.8	14.6	





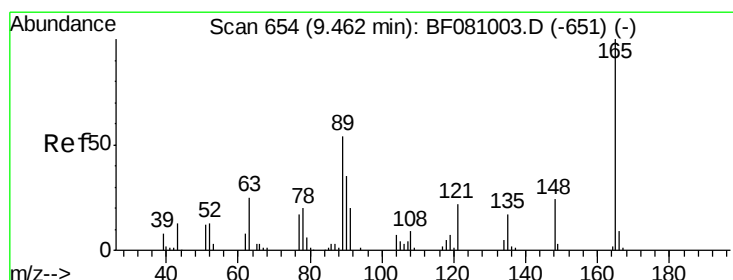
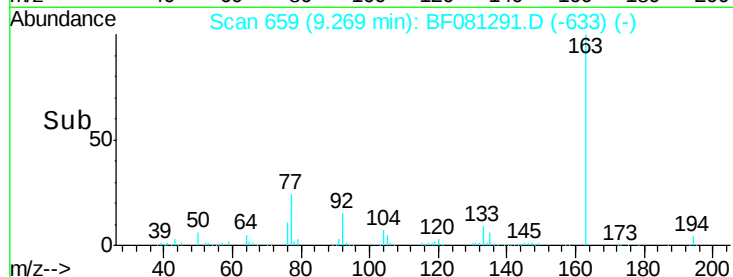
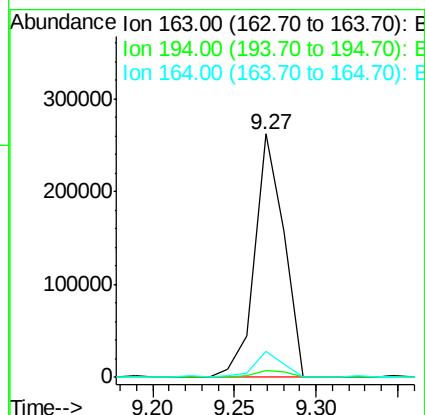
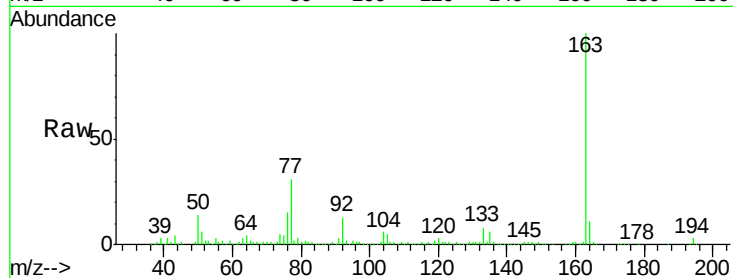
#49
Dimethylphthalate
Concen: 35.37 ng
RT: 9.27 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.5	3.7
164	10.6	8.1	12.1

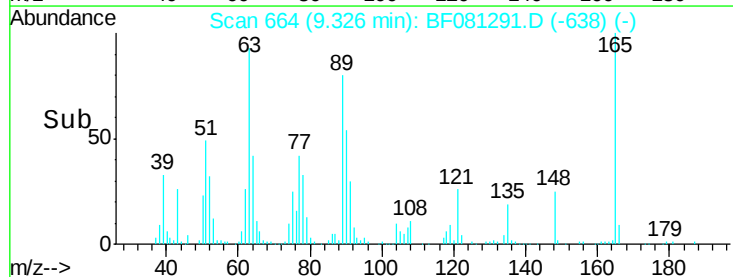
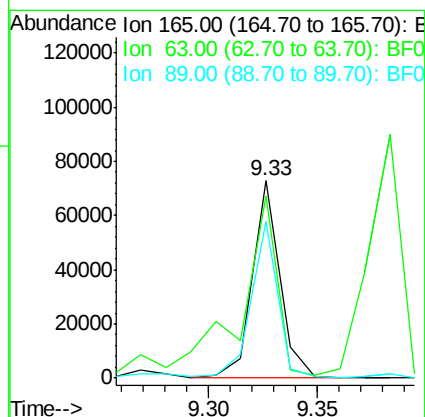
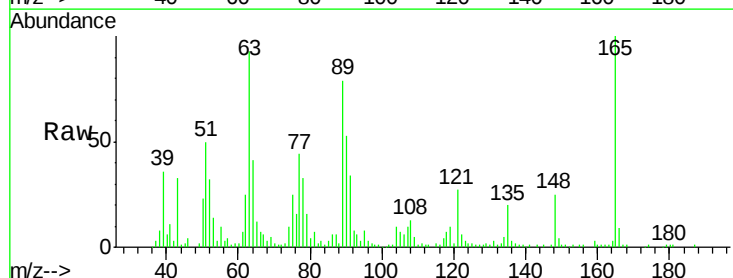
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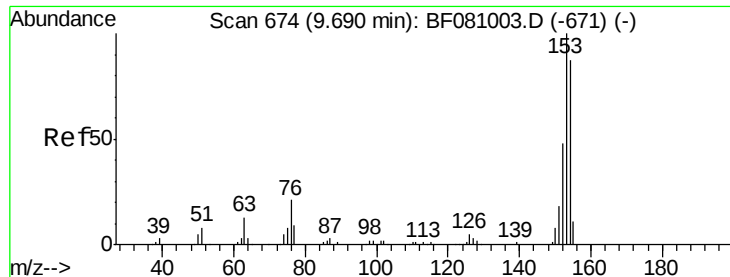
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 32.47 ng
RT: 9.33 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	92.7	49.5	74.3#
89	79.2	47.6	71.4#





#51

Acenaphthene

Concen: 34.47 ng

RT: 9.55 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

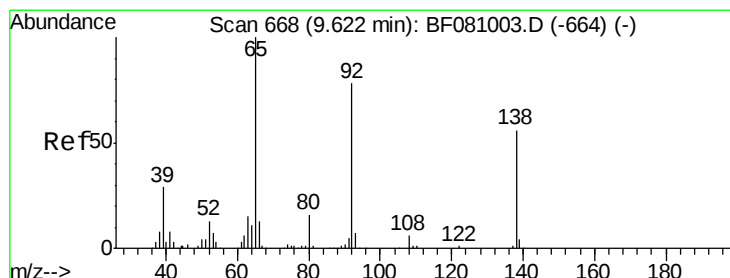
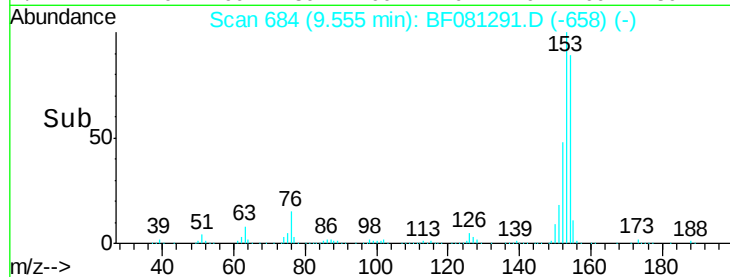
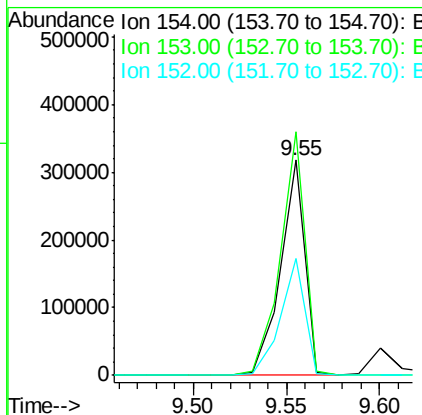
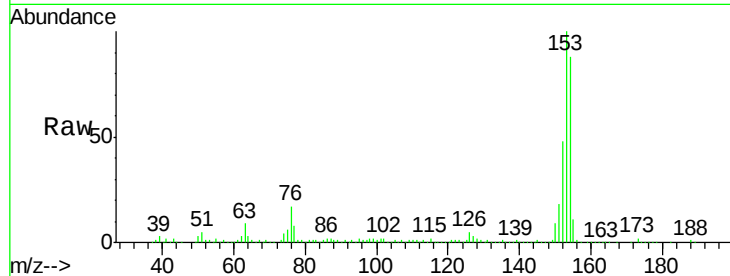
ClientSampleId :

MW-04MS

Tgt Ion:	154	Resp:	289450
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.4	137.2
152	54.5	43.7	65.5

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#52

3-Nitroaniline

Concen: 15.92 ng

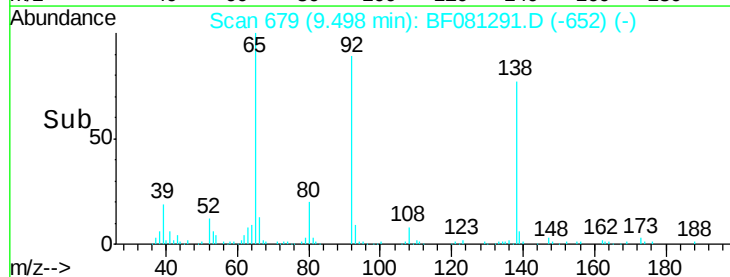
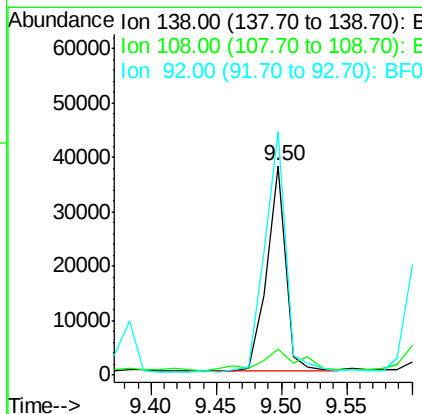
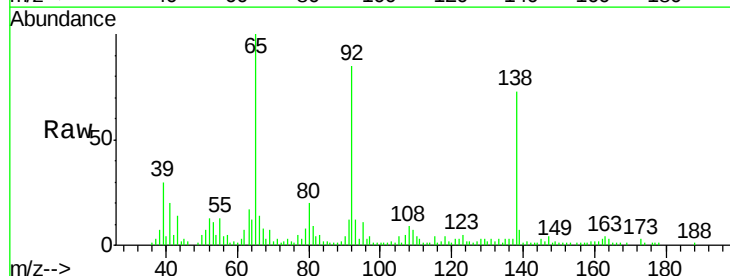
RT: 9.50 min Scan# 679

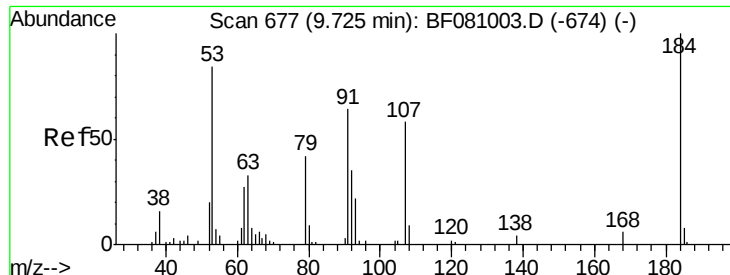
Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

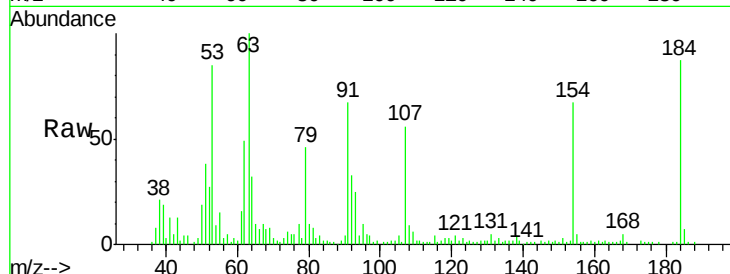
Tgt Ion:	138	Resp:	39040
Ion Ratio	Lower	Upper	
138	100		
108	12.7	9.4	14.2
92	116.4	113.2	169.8





#53
2,4-Dinitrophenol
Concen: 71.70 ng
RT: 9.60 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

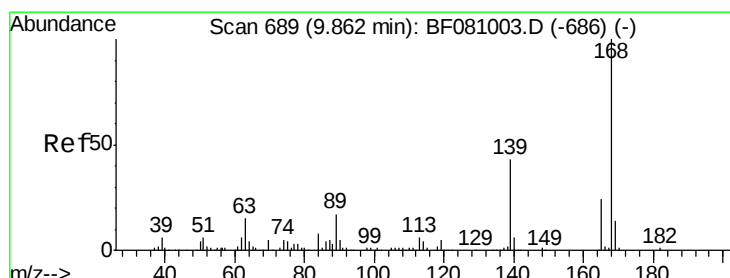
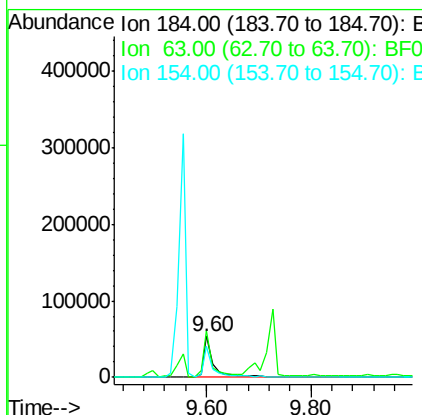
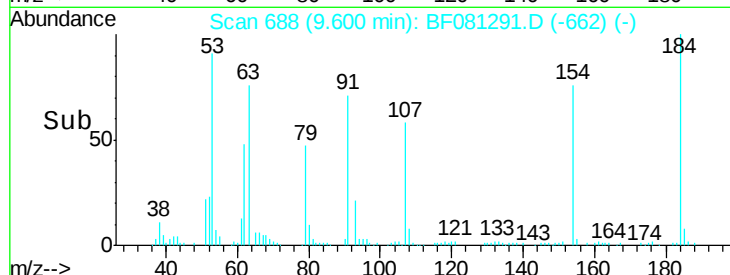
Instrument :
BNA_F
ClientSampleId :
MW-04MS



Tgt Ion:184 Resp: 76508
Ion Ratio Lower Upper
184 100
63 115.0 101.7 152.5
154 77.4 67.4 101.0

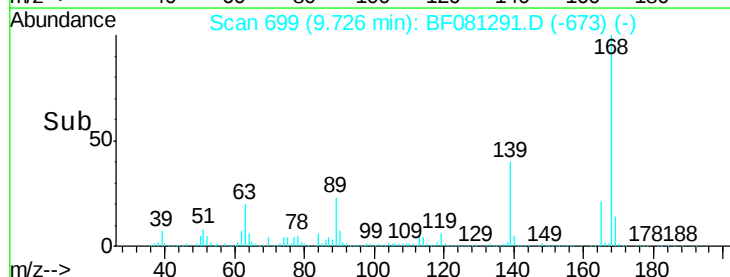
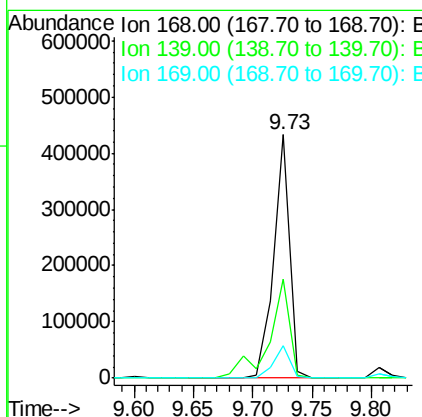
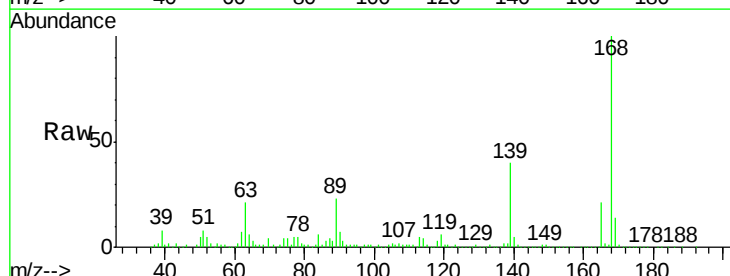
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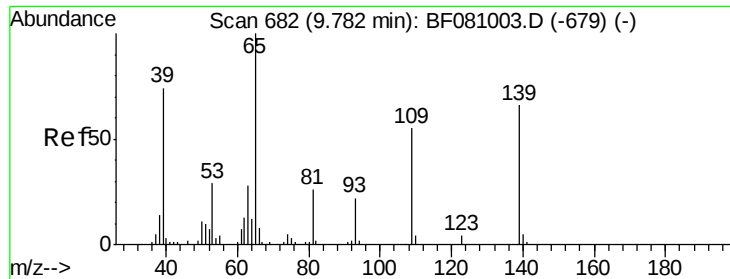
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#54
Dibenzofuran
Concen: 35.78 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:168 Resp: 402542
Ion Ratio Lower Upper
168 100
139 40.4 29.3 43.9
169 13.5 10.3 15.5





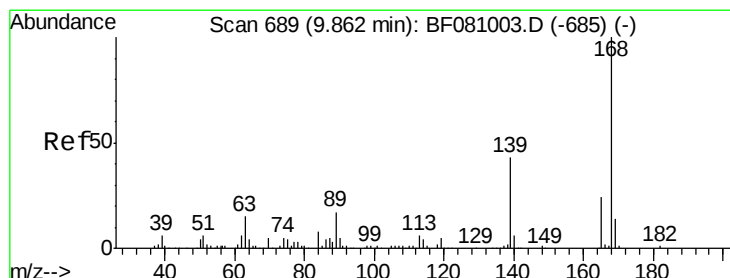
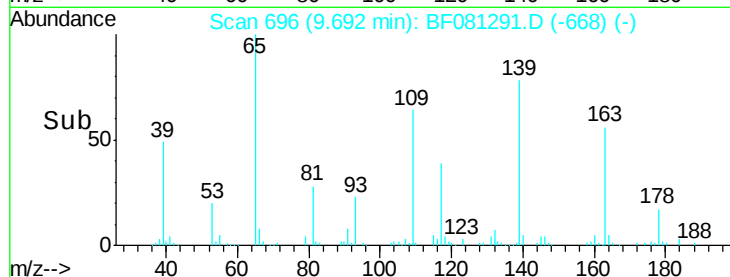
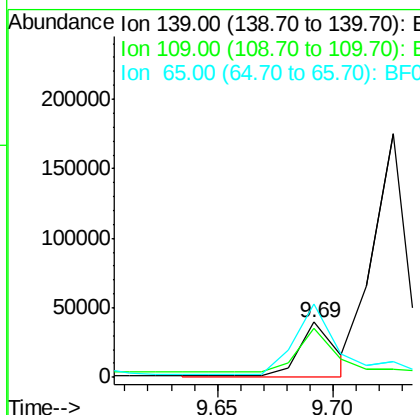
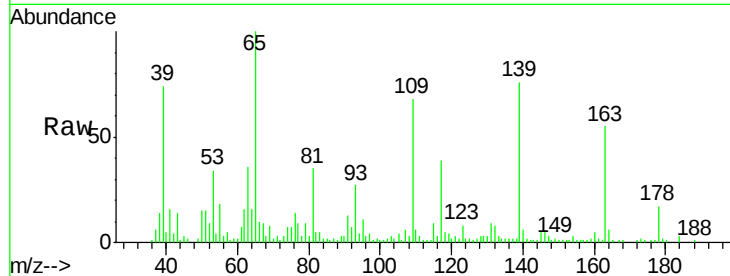
#55
4-Nitrophenol
Concen: 26.34 ng m
RT: 9.69 min Scan# 696
Delta R.T. 0.02 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.5	80.0	120.0
65	131.9	138.3	178.3#

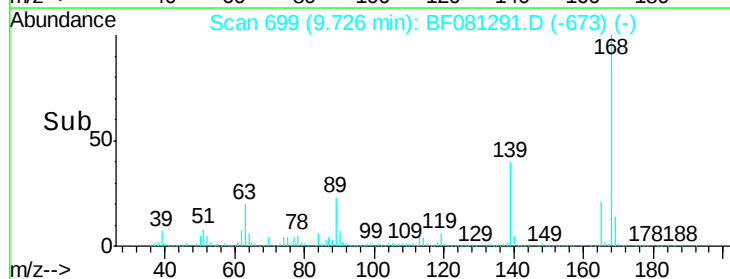
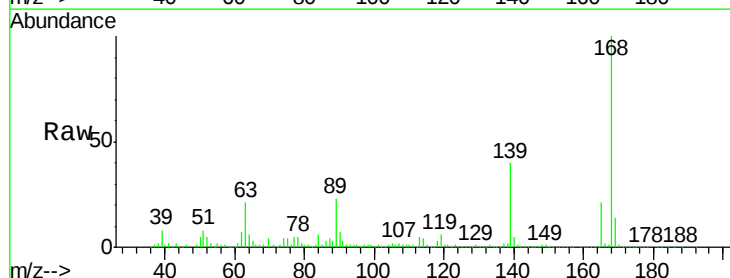
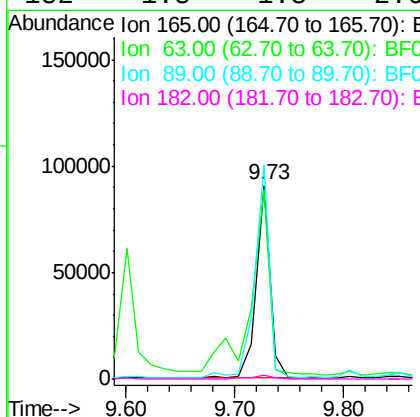
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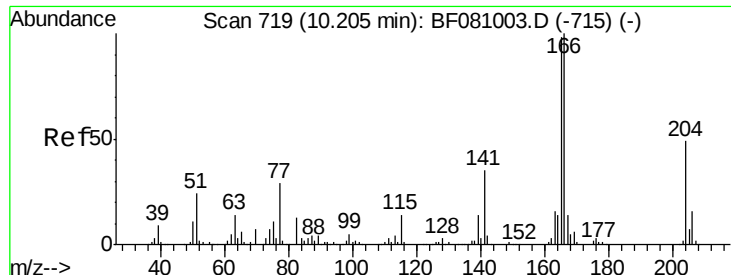
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 31.87 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	98.0	52.2	78.4#
89	110.4	60.1	90.1#
182	1.8	1.8	2.6





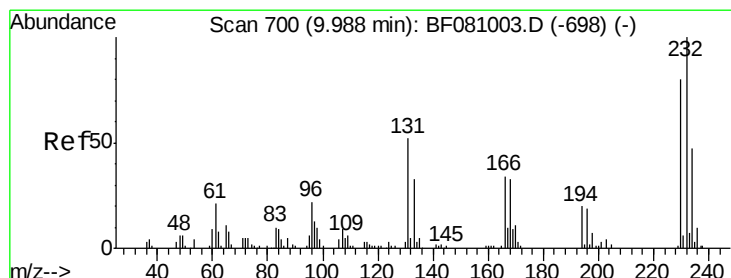
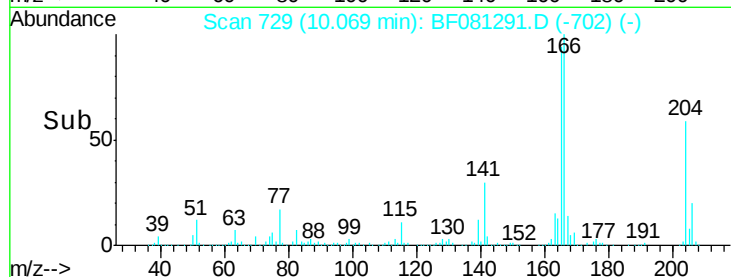
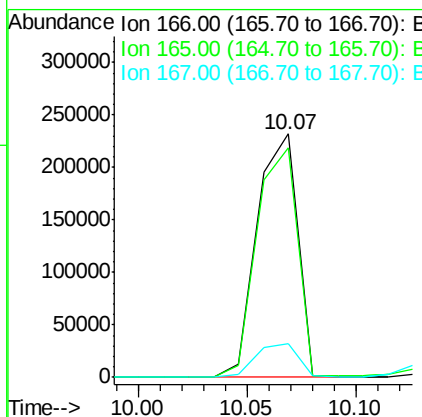
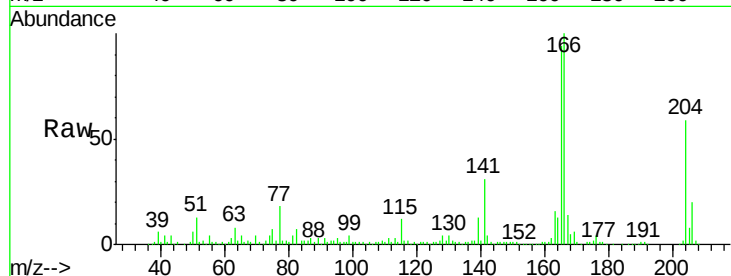
#57
Fluorene
 Concen: 34.96 ng
 RT: 10.07 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	302549		
165	94.3	75.8	113.8	
167	13.7	11.3	16.9	

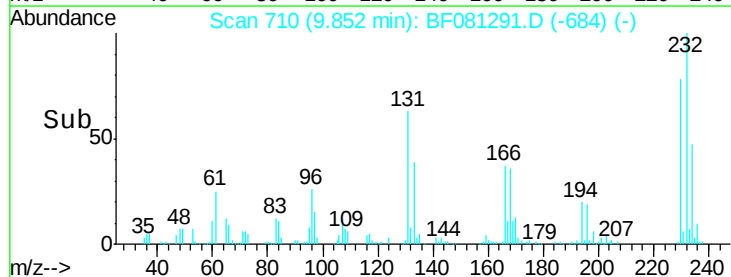
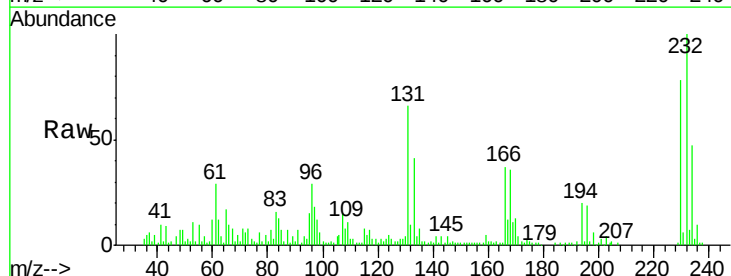
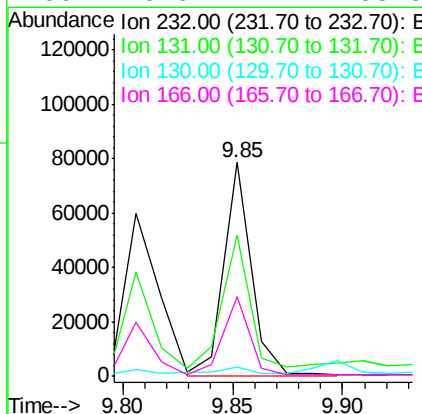
Manual Integrations
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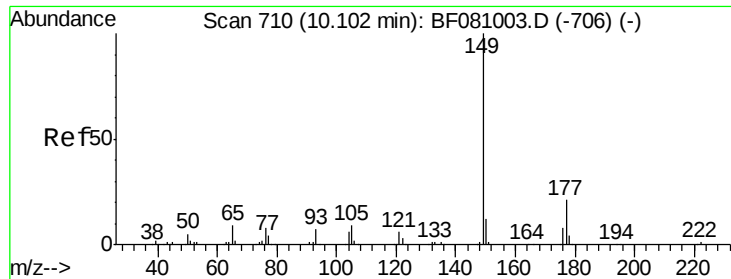
MMDadoda
 8/31/2015 1:59:20 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.37 ng m
 RT: 9.85 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	69099		
131	48.2	42.2	63.4	
130	2.4	2.1	3.1	
166	26.6	22.4	33.6	





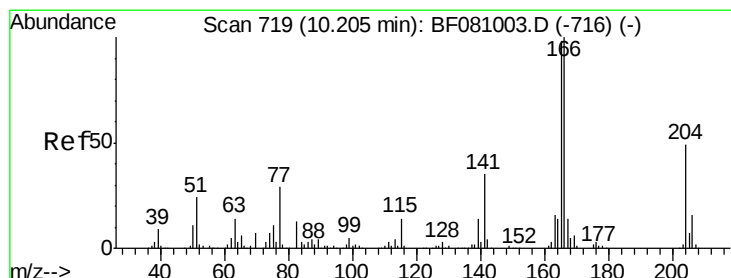
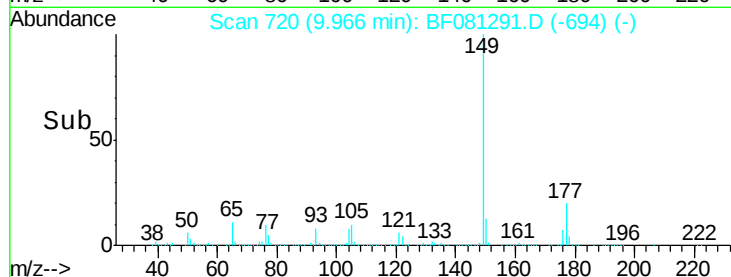
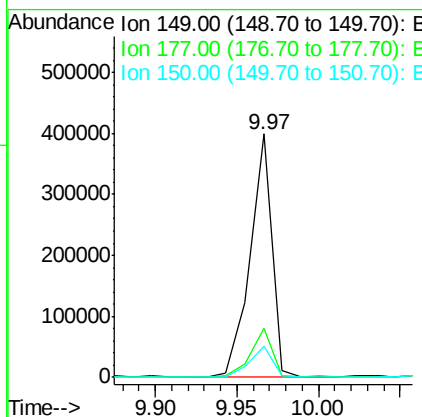
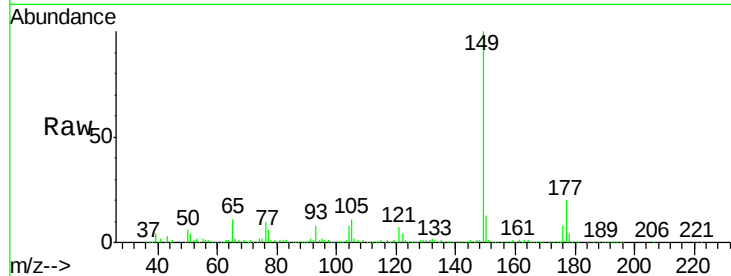
#59
Diethylphthalate
Concen: 38.03 ng
RT: 9.97 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	367316		
177	20.0	14.1	21.1	
150	12.7	10.3	15.5	

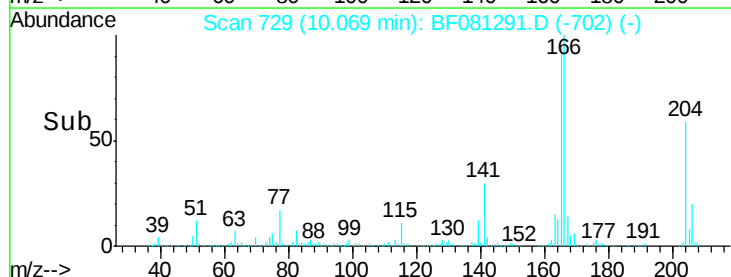
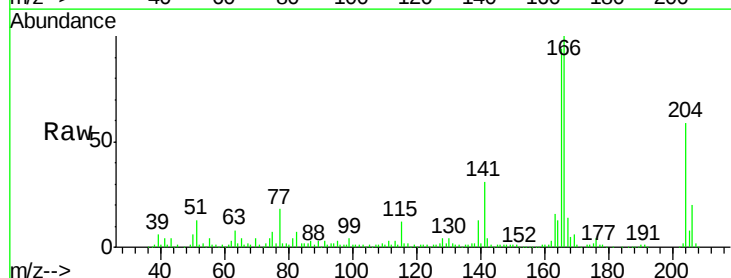
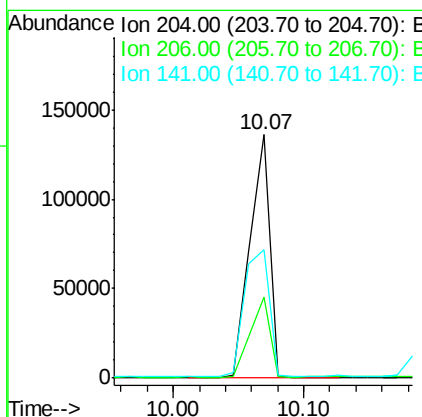
Manual Integrations
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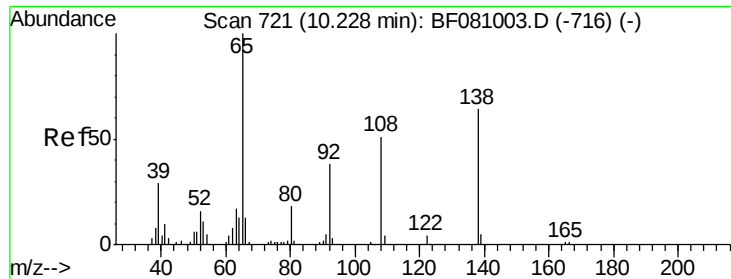
MMDadoda
8/31/2015 1:59:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.58 ng
RT: 10.07 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	144969		
206	33.5	26.2	39.2	
141	52.6	59.6	89.4#	





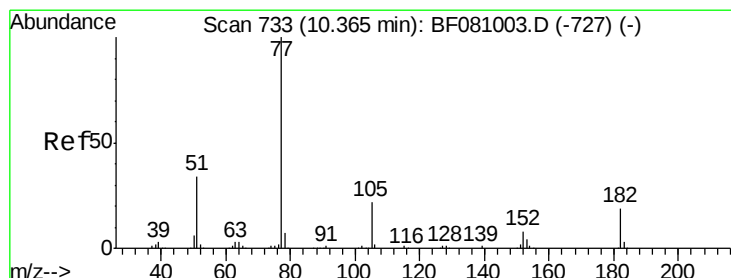
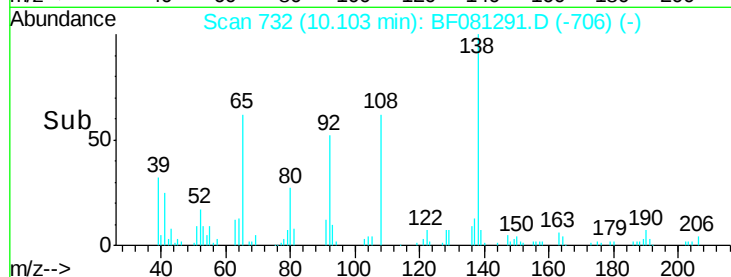
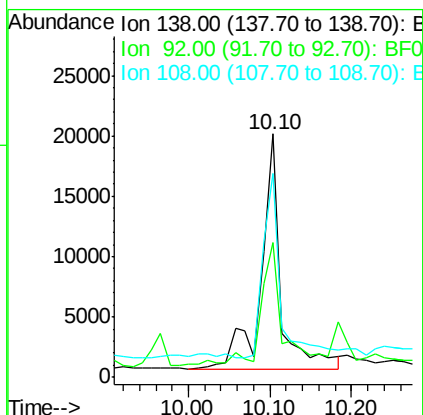
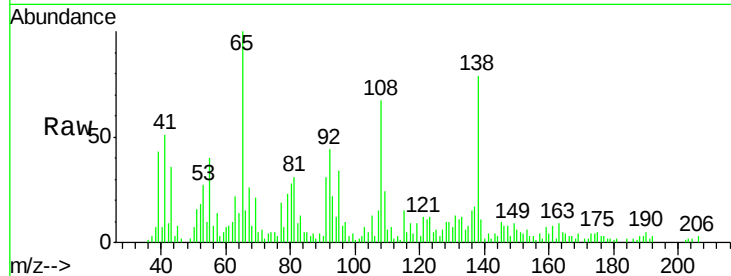
#61
4-Nitroaniline
Concen: 13.53 ng
RT: 10.10 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	34.7	74.7
108	84.0	68.9	108.9

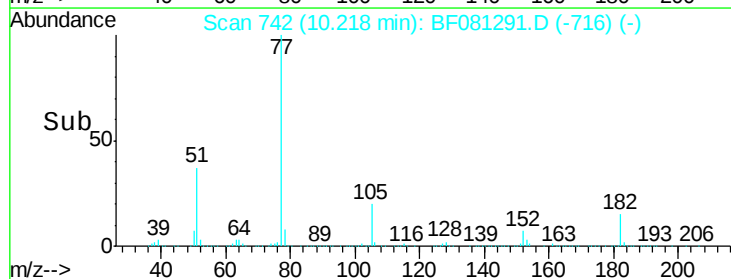
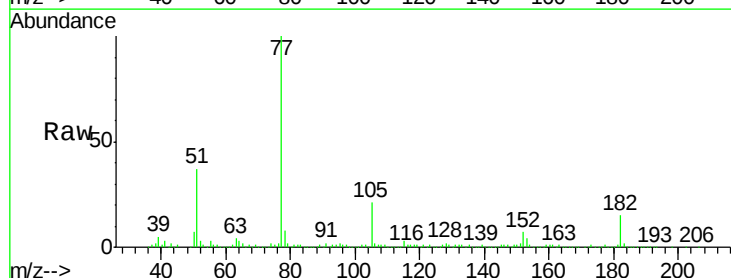
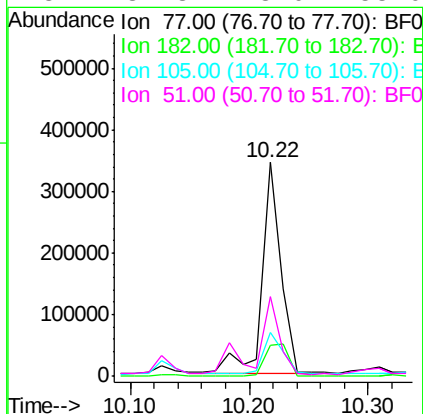
Manual Integrations
APPROVED

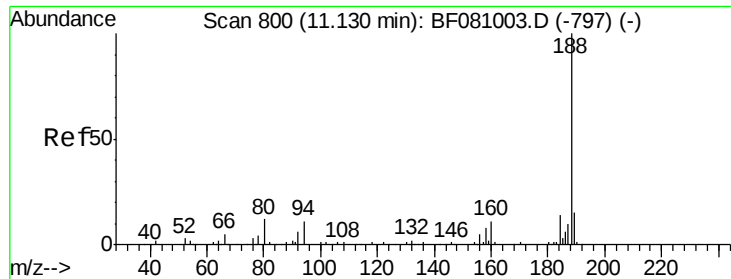
MMDadoda
8/31/2015 1:59:20 PM



#62
Azobenzene
Concen: 34.49 ng
RT: 10.22 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.5	0.0	39.0
105	20.6	0.2	40.2
51	37.3	18.0	58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

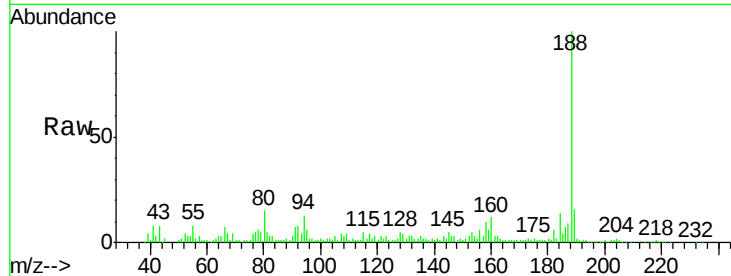
ClientSampleId :

MW-04MS

Tgt Ion:	188	Resp:	191174
Ion Ratio	Lower	Upper	
188	100		
94	13.4	8.2	12.2#
80	14.8	9.5	14.3#

Manual Integrations
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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

150000

100000

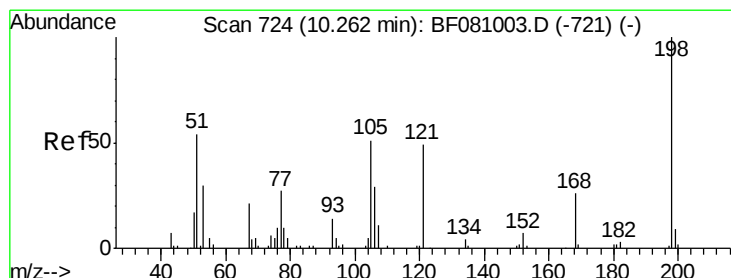
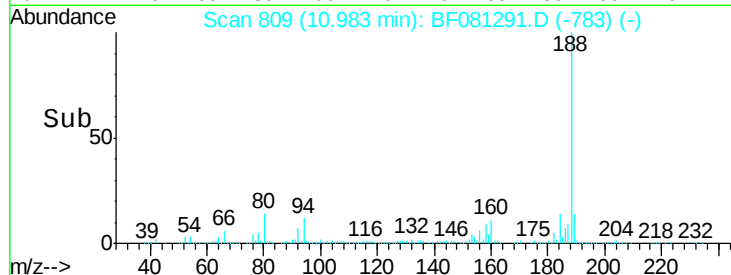
50000

0

10.90

11.00

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.01 ng

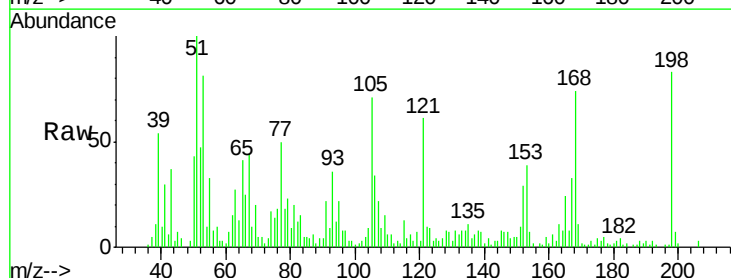
RT: 10.13 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:	198	Resp:	47962
Ion Ratio	Lower	Upper	
198	100		
51	120.0	79.7	119.7#
105	84.6	47.0	87.0



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

150000

100000

50000

0

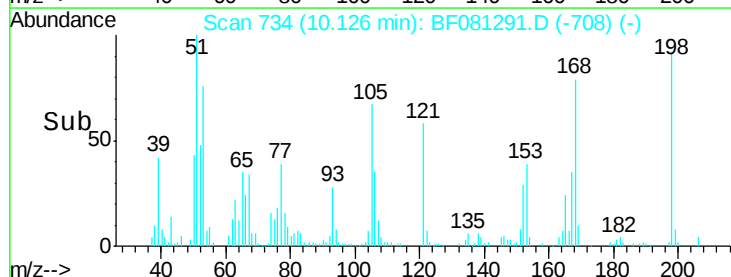
10.00

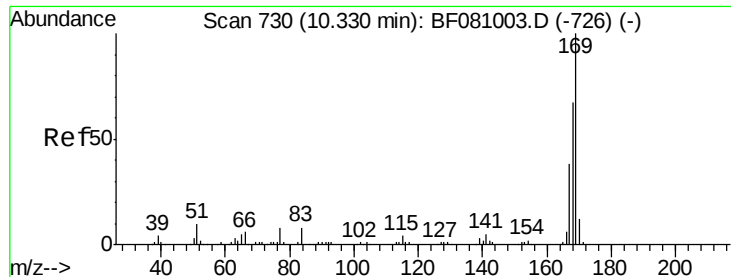
10.10

10.20

10.30

Time-->





#65

n-Nitrosodiphenylamine

Concen: 37.83 ng

RT: 10.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081291.D

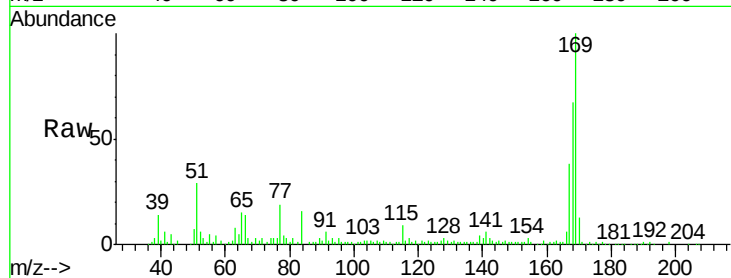
Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

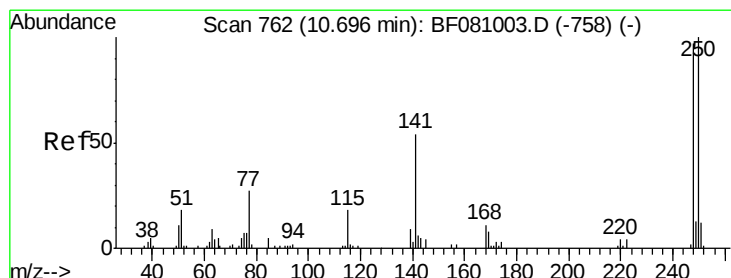
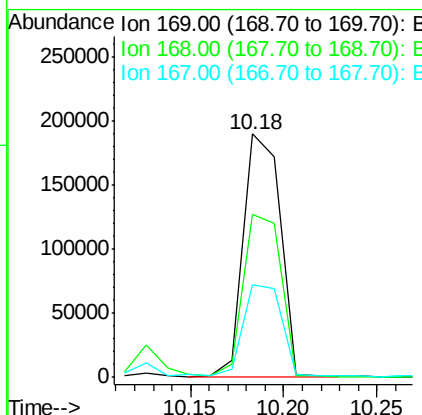
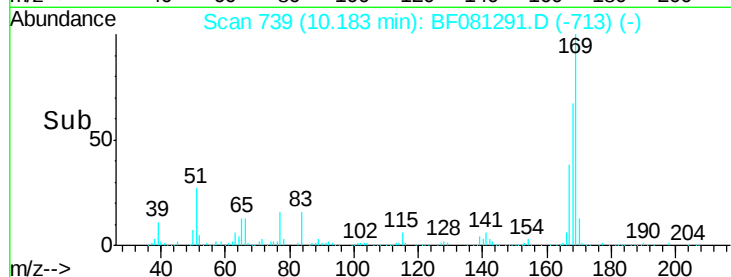
MW-04MS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	258136		
168	67.0	55.3	82.9	
167	38.0	30.8	46.2	

Manual Integrations
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#66

4-Bromophenyl-phenylether

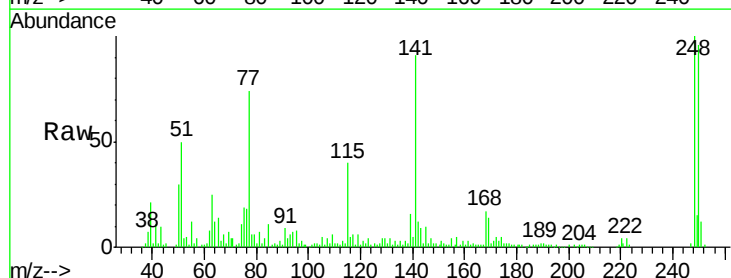
Concen: 42.85 ng

RT: 10.55 min Scan# 771

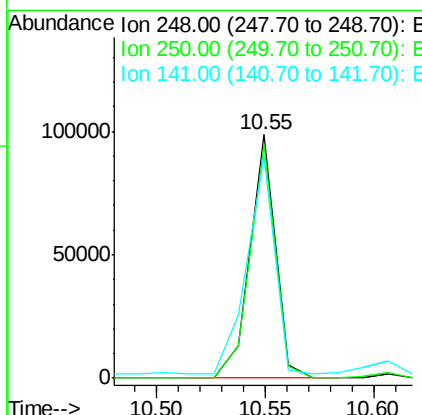
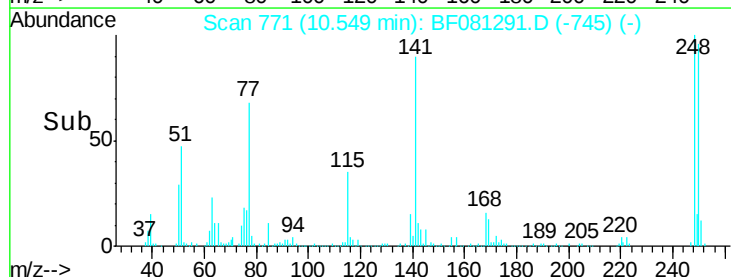
Delta R.T. 0.00 min

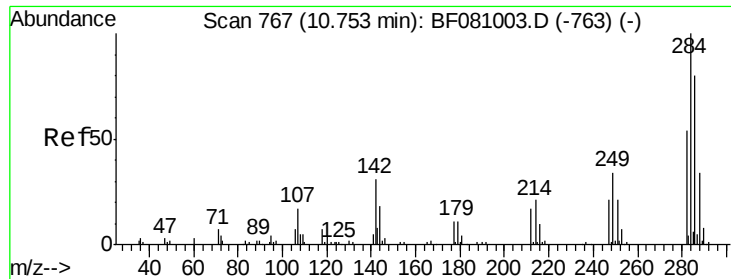
Lab File: BF081291.D

Acq: 30 Aug 2015 1:32



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	80465		
250	95.8	77.8	116.6	
141	91.0	39.8	59.6	





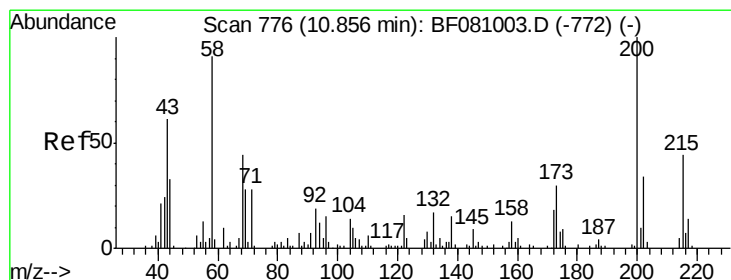
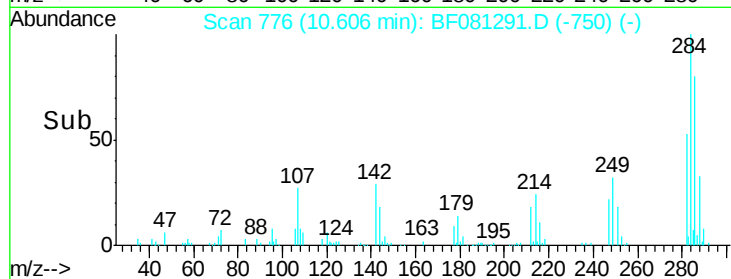
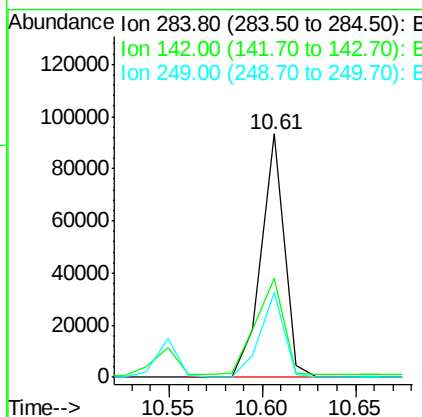
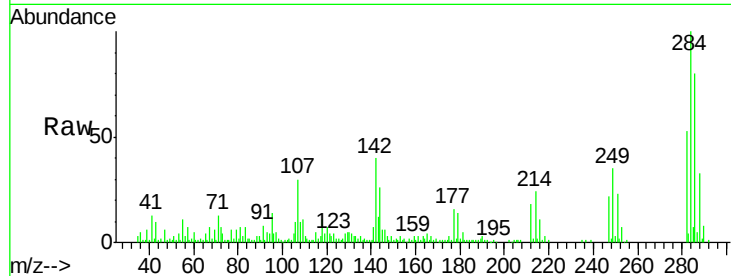
#67
Hexachlorobenzene
Concen: 42.08 ng
RT: 10.61 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	80041		
142	40.5	25.4	38.0	
249	34.7	28.5	42.7	

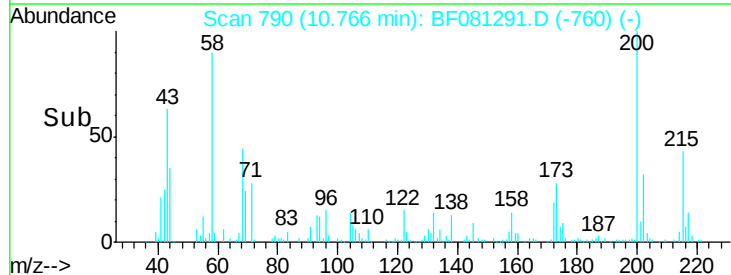
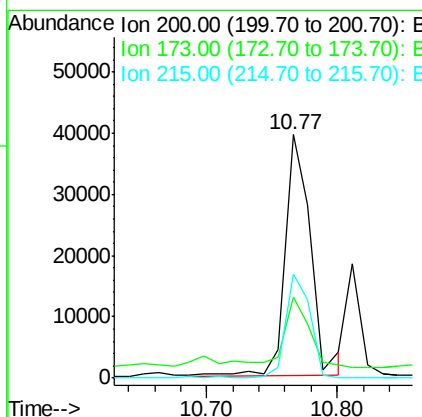
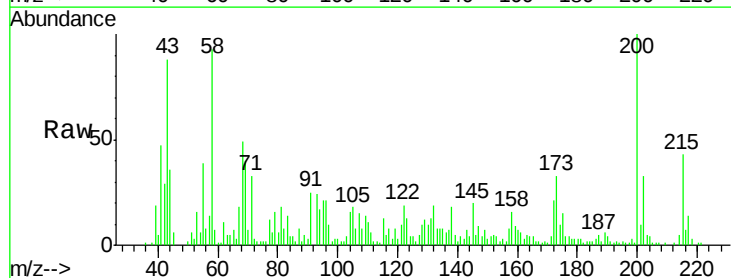
Manual Integrations
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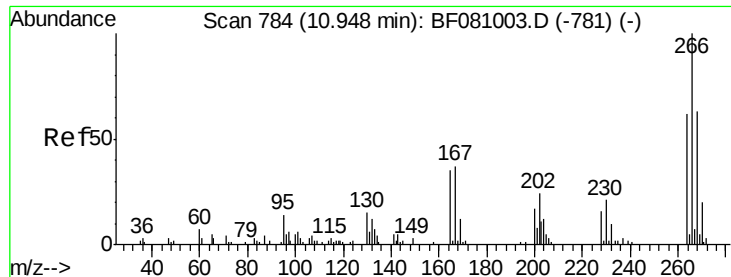
MMDadoda
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#68
Atrazine
Concen: 28.39 ng
RT: 10.77 min Scan# 790
Delta R.T. 0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	53974		
173	33.4	8.1	48.1	
215	42.6	23.3	63.3	





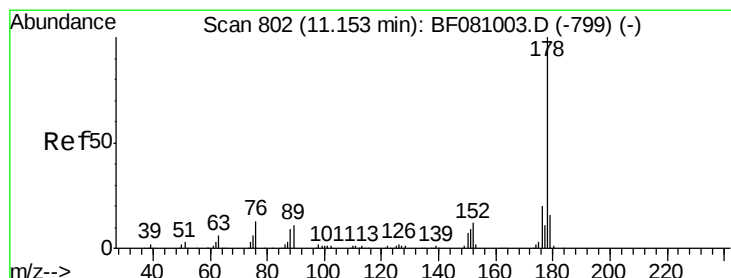
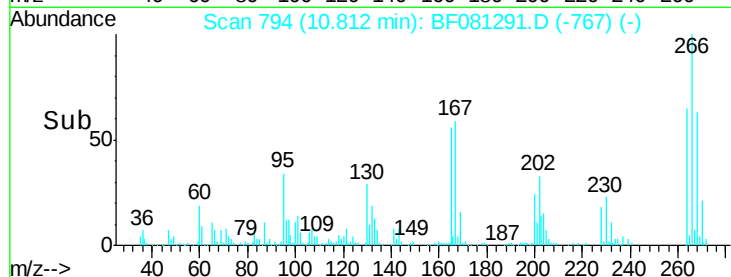
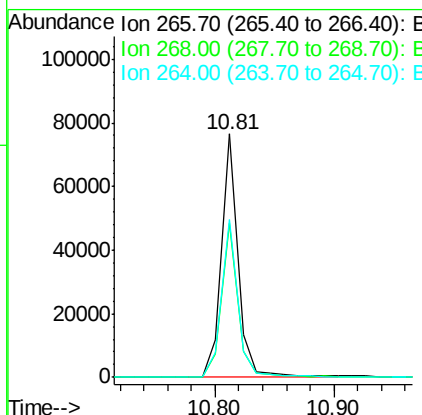
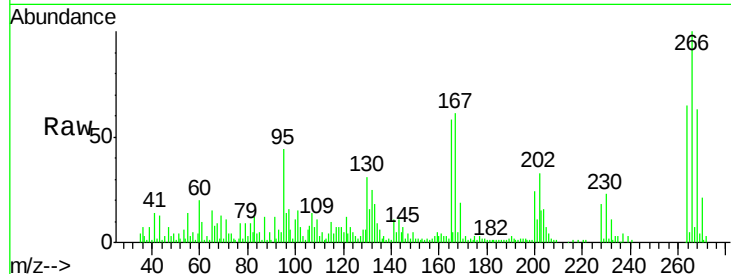
#69
 Pentachlorophenol
 Concen: 64.77 ng
 RT: 10.81 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	73911		
268	63.2	51.2	76.8	
264	64.7	50.6	75.8	

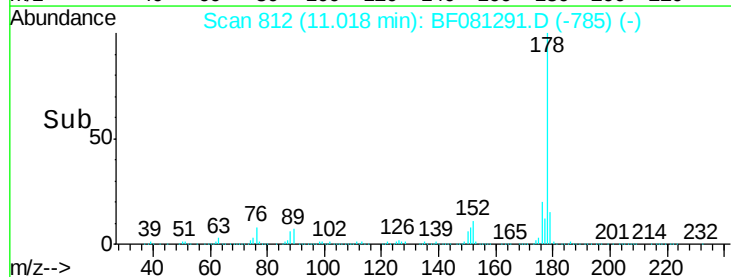
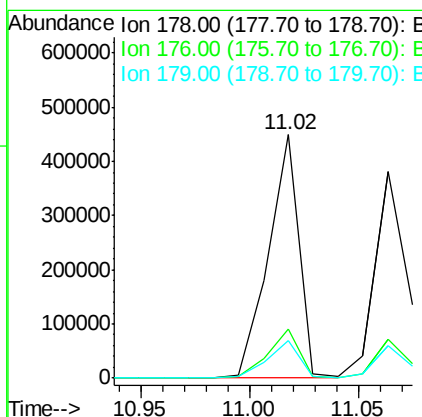
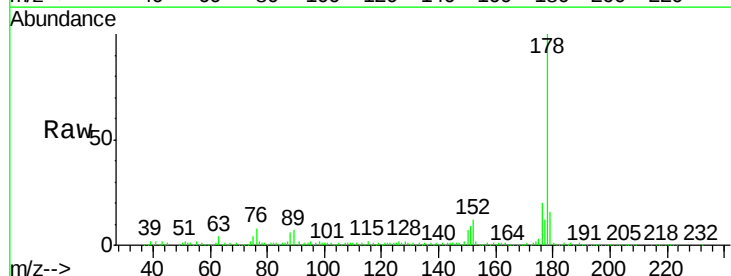
Manual Integrations
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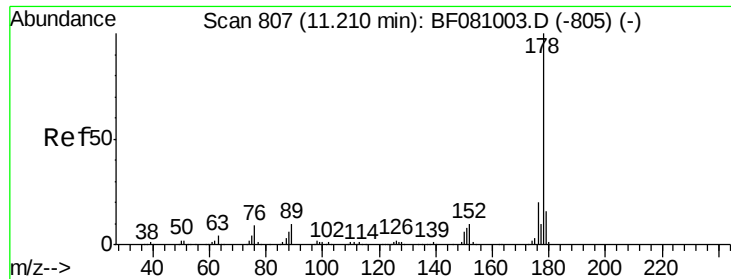
MMDadoda
 8/31/2015 1:59:20 PM



#70
 Phenanthrene
 Concen: 38.95 ng
 RT: 11.02 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	441317		
176	20.3	15.7	23.5	
179	15.7	12.2	18.2	





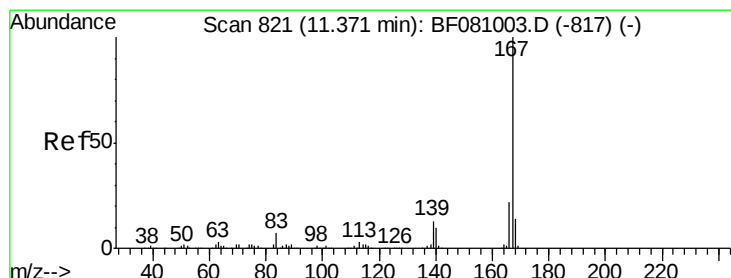
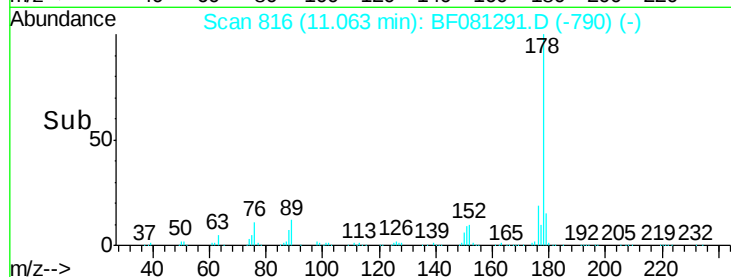
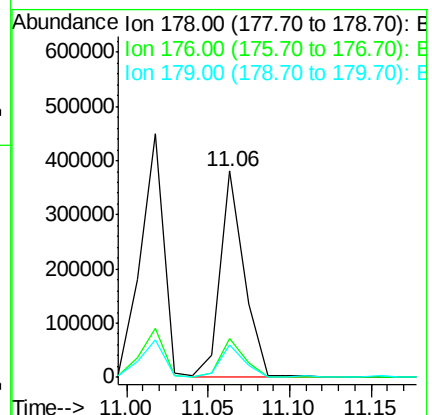
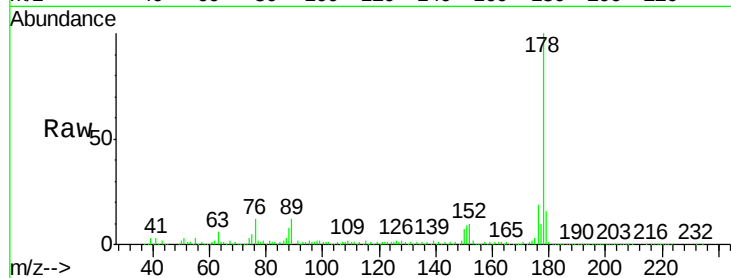
#71
 Anthracene
 Concen: 34.67 ng
 RT: 11.06 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.6	12.7	19.1

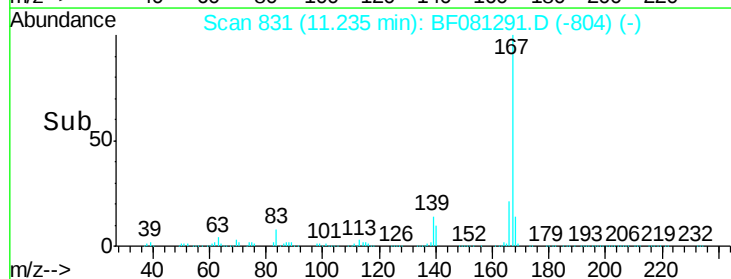
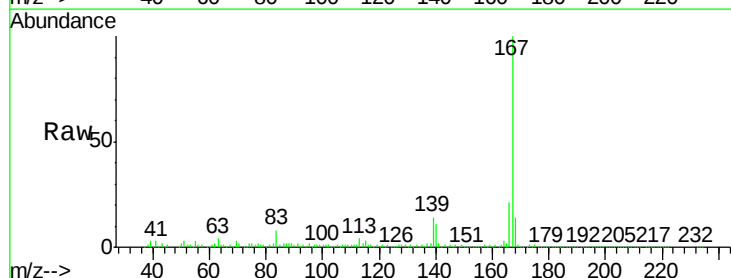
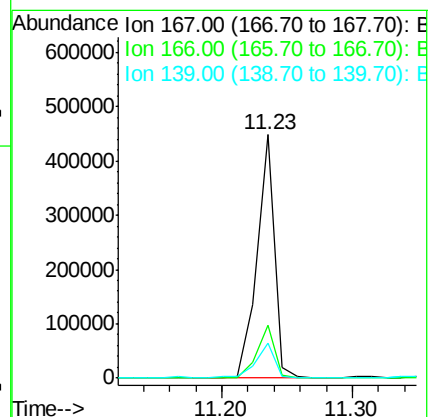
Manual Integrations
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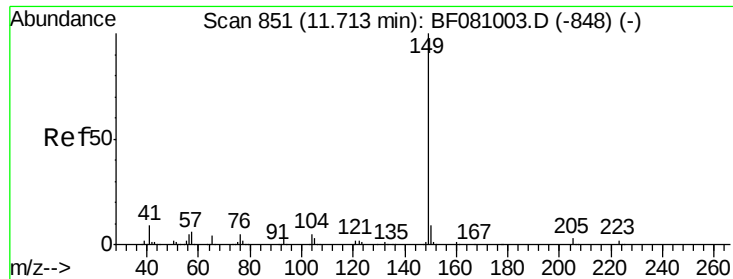
MMDadoda
 8/31/2015 1:59:20 PM



#72
 Carbazole
 Concen: 39.18 ng
 RT: 11.23 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	14.3	10.6	16.0





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.58 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

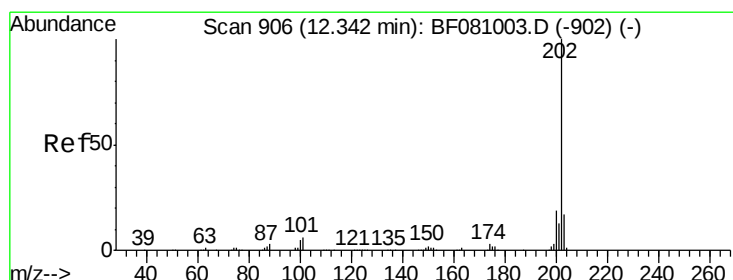
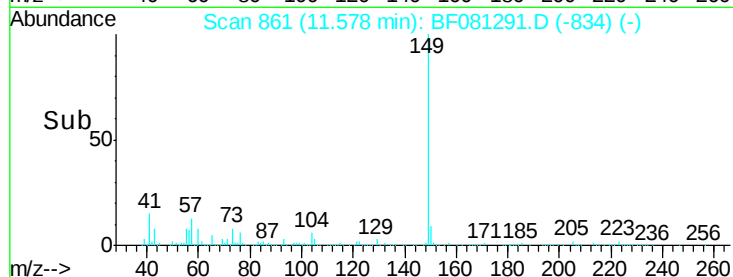
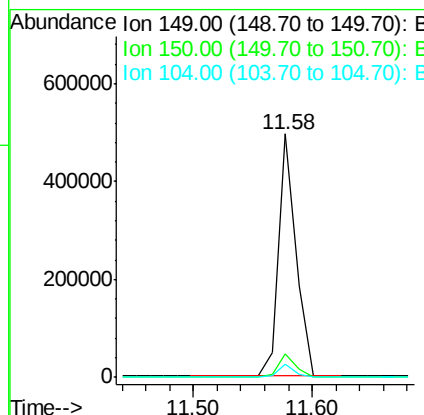
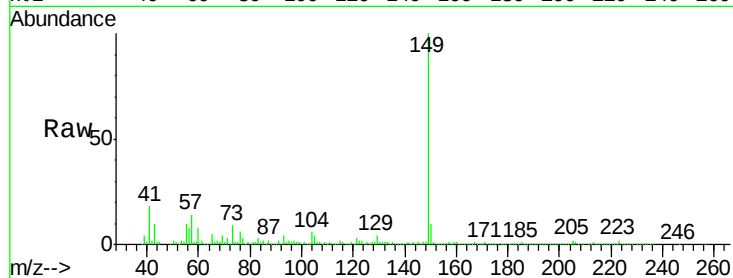
ClientSampleId :

MW-04MS

Tgt Ion:	149	Resp:	502185
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	5.7	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 39.19 ng

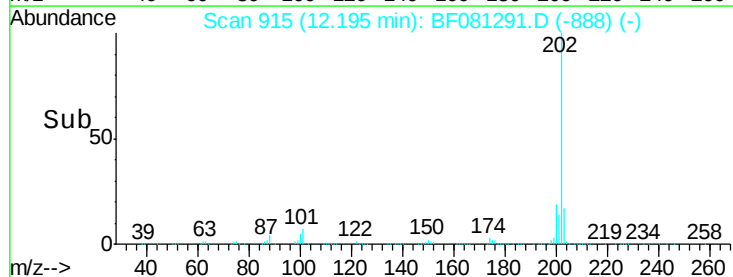
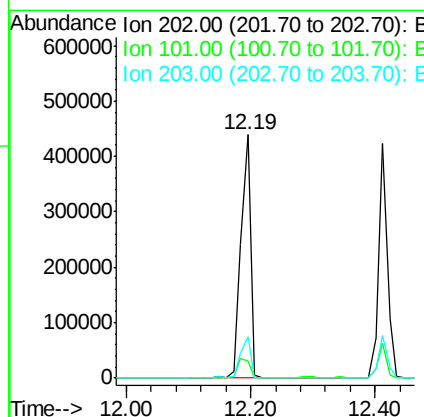
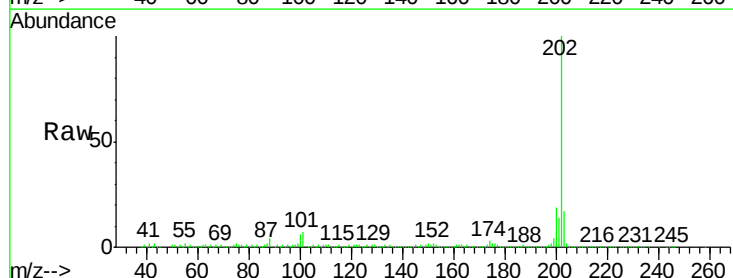
RT: 12.19 min Scan# 915

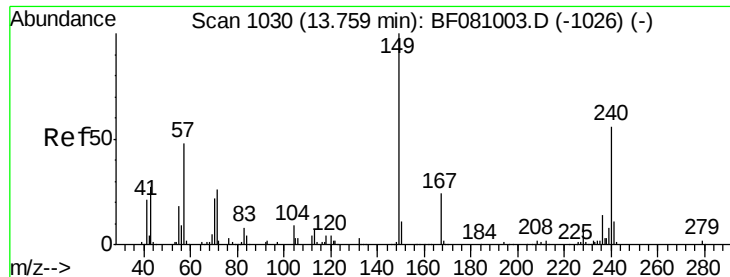
Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:	202	Resp:	479141
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	24.8
203	17.2	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion:240 Resp: 126342
Ion Ratio Lower Upper

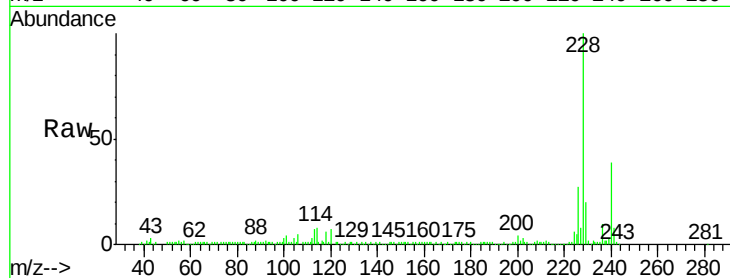
240 100

120 17.0 5.6 8.4#

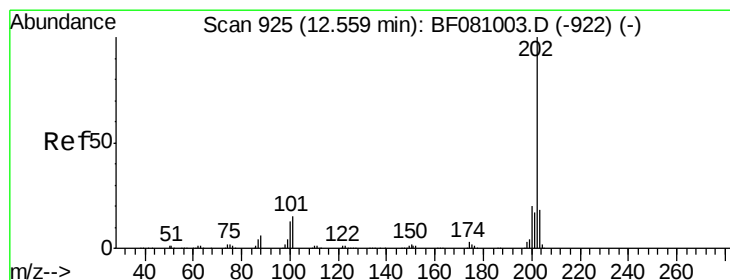
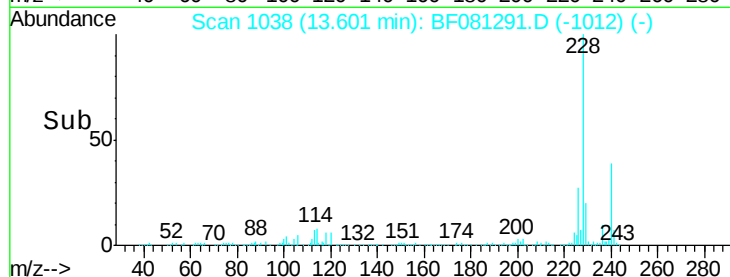
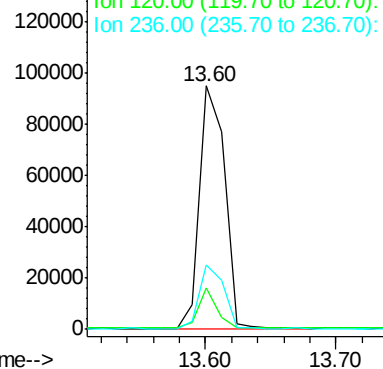
236 26.5 20.6 30.8

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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



#77

Pyrene

Concen: 40.46 ng

RT: 12.41 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081291.D

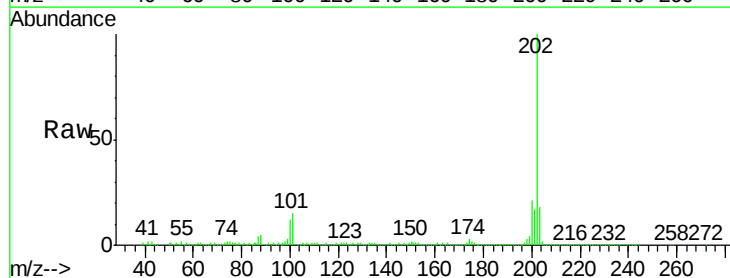
Acq: 30 Aug 2015 1:32

Tgt Ion:202 Resp: 415538
Ion Ratio Lower Upper

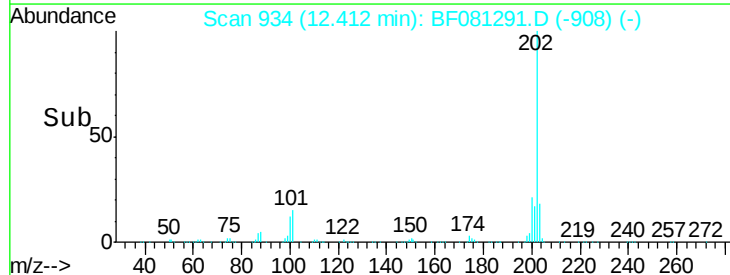
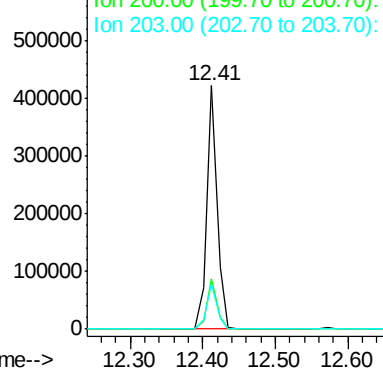
202 100

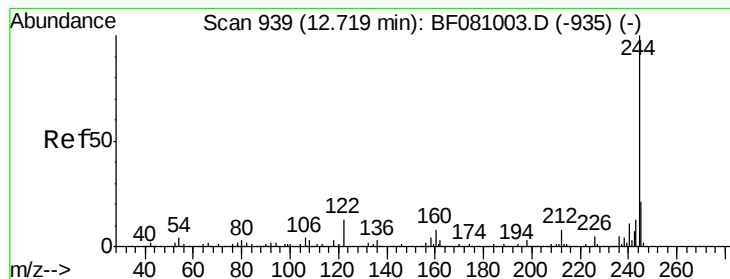
200 20.8 16.6 24.8

203 18.4 14.1 21.1



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





#78

Terphenyl-d14

Concen: 83.74 ng

RT: 12.57 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion:244 Resp: 493516
Ion Ratio Lower Upper

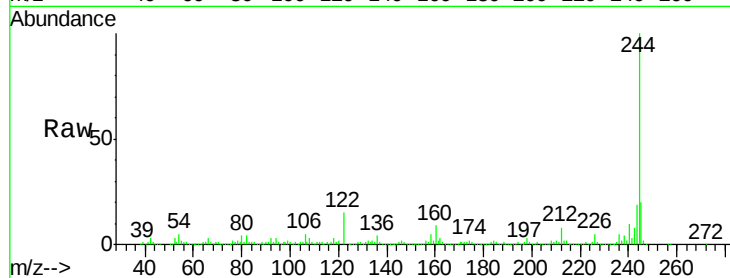
244 100

212 8.0 5.8 8.8

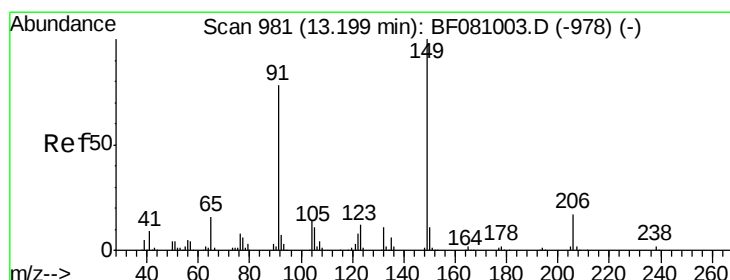
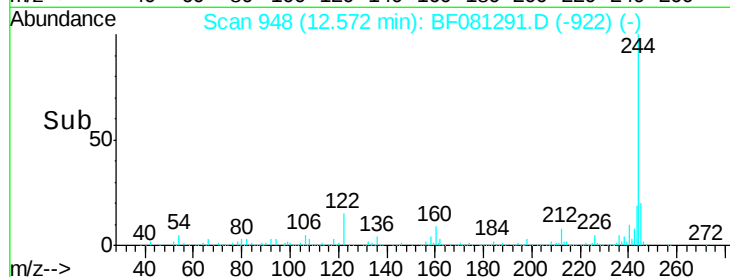
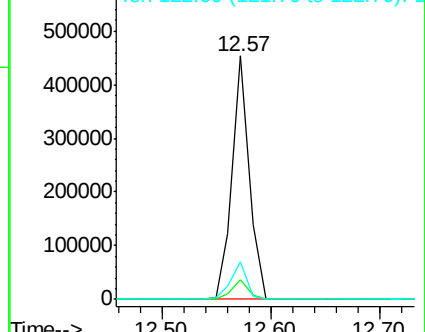
122 15.2 8.2 12.4#

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



#79

Butylbenzylphthalate

Concen: 51.01 ng

RT: 13.06 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF081291.D

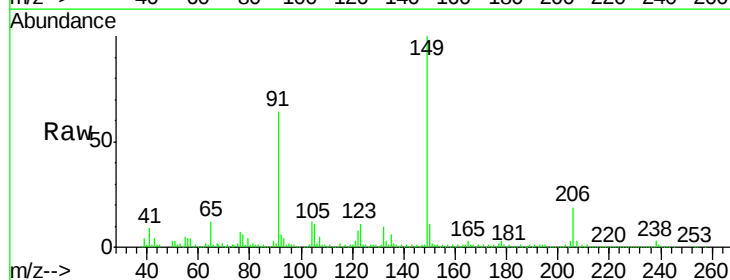
Acq: 30 Aug 2015 1:32

Tgt Ion:149 Resp: 225202
Ion Ratio Lower Upper

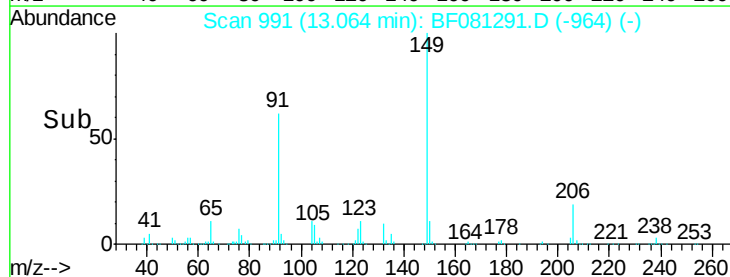
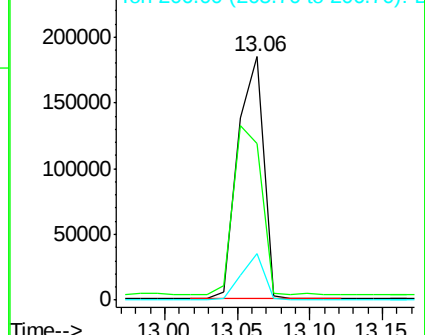
149 100

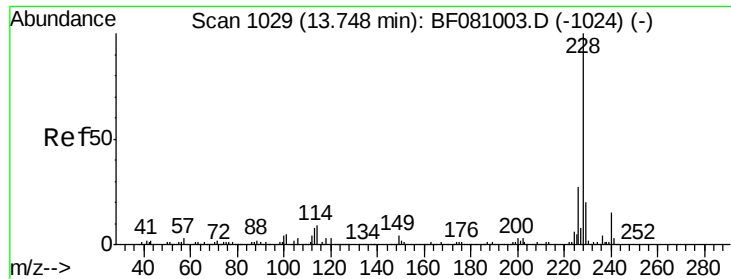
91 64.3 46.9 70.3

206 19.3 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





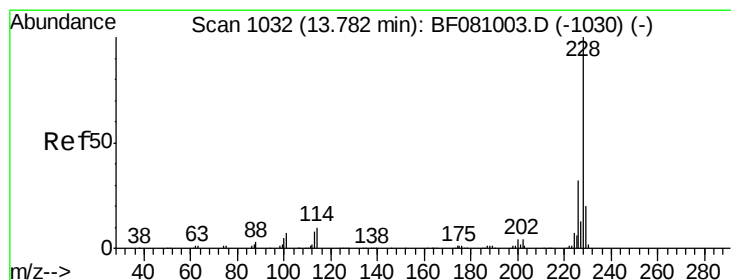
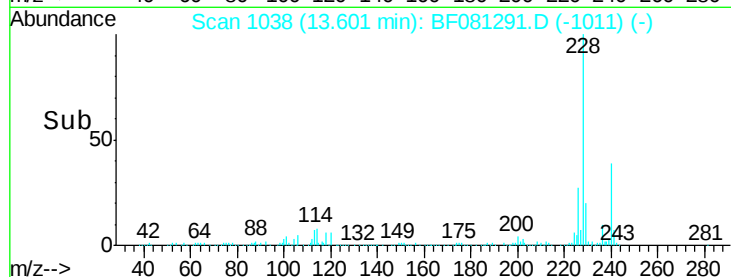
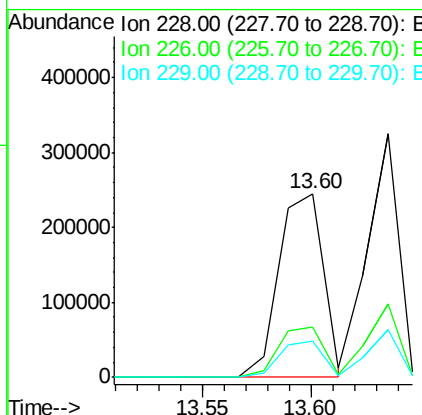
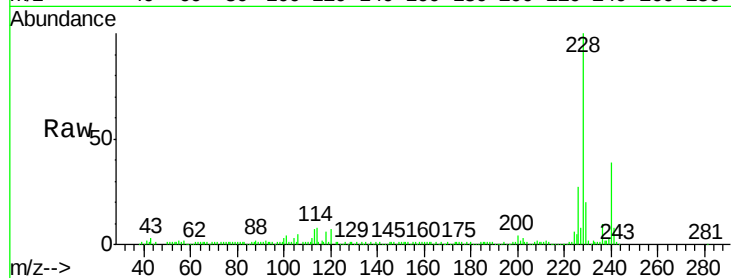
#80
Benzo(a)anthracene
Concen: 41.25 ng
RT: 13.60 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.3	33.5
229	19.7	15.9	23.9

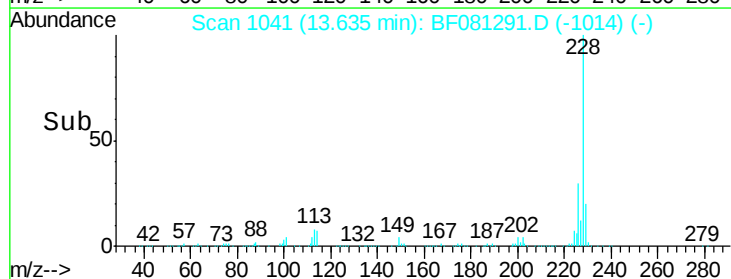
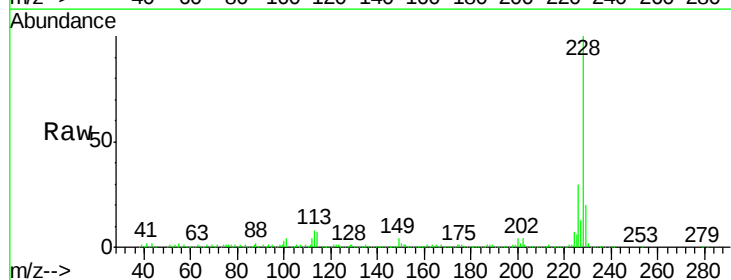
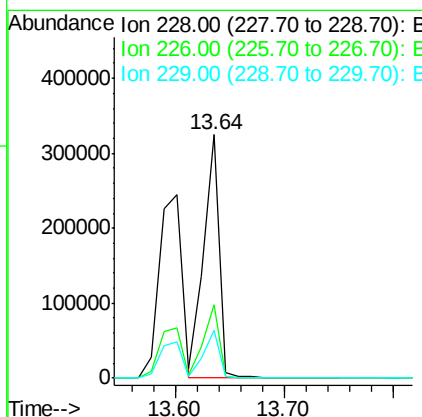
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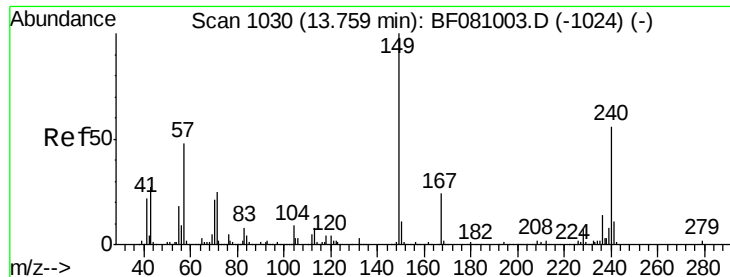
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#82
Chrysene
Concen: 42.27 ng
RT: 13.64 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.38 ng

RT: 13.62 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

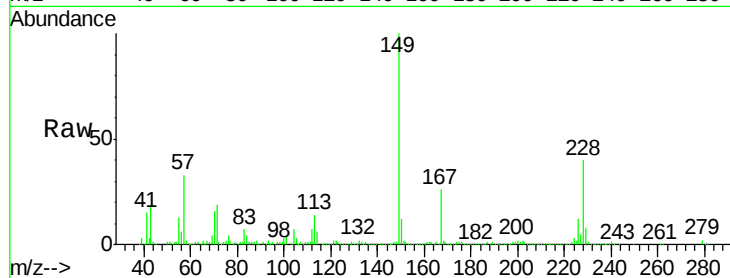
ClientSampleId :

MW-04MS

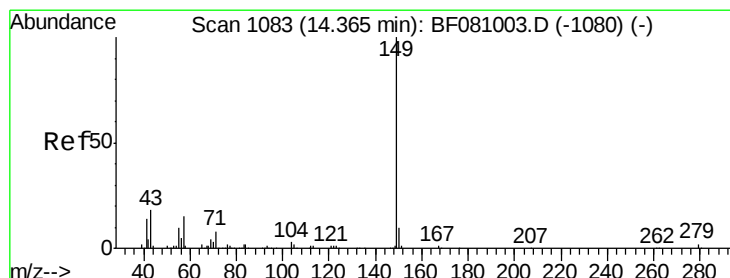
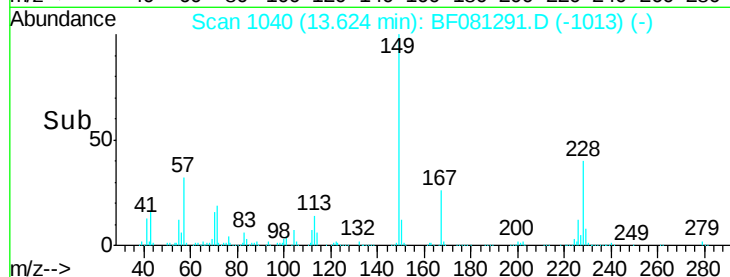
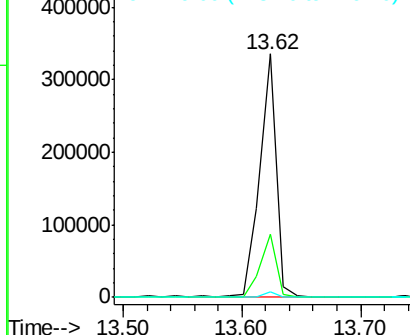
Tgt Ion:	149	Resp:	324500
Ion Ratio		Lower	Upper
149	100		
167	25.8	20.7	31.1
279	2.5	2.2	3.4

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



#84

Di-n-octyl phthalate

Concen: 59.26 ng

RT: 14.23 min Scan# 1093

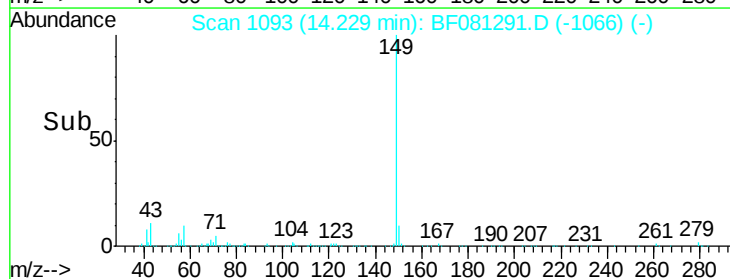
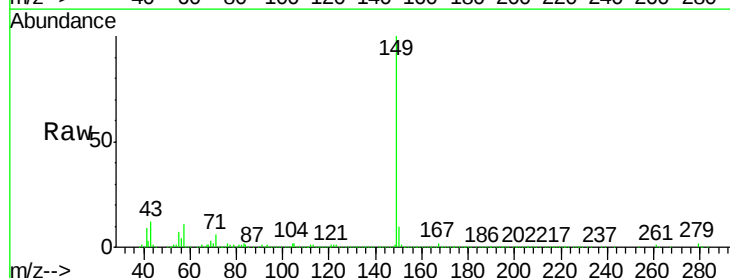
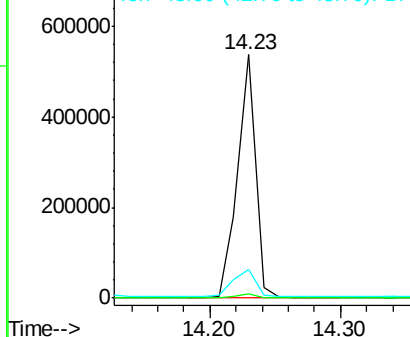
Delta R.T. 0.01 min

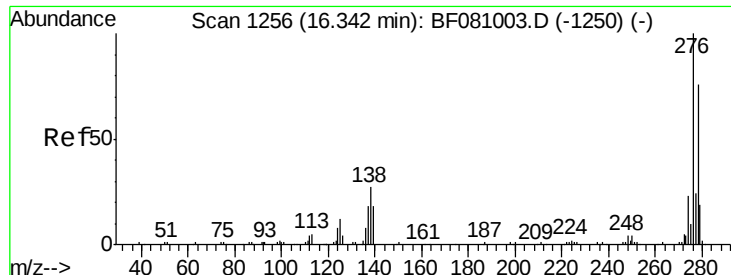
Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:	149	Resp:	509340
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.1	1.7
43	13.3	11.6	17.4

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





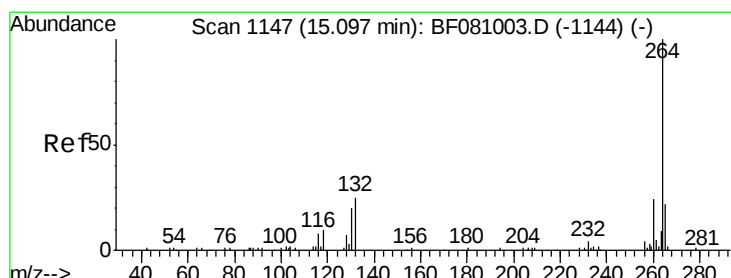
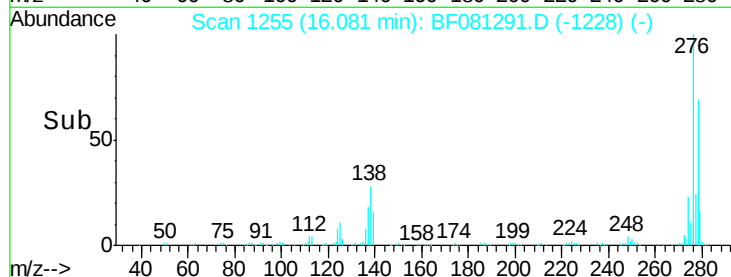
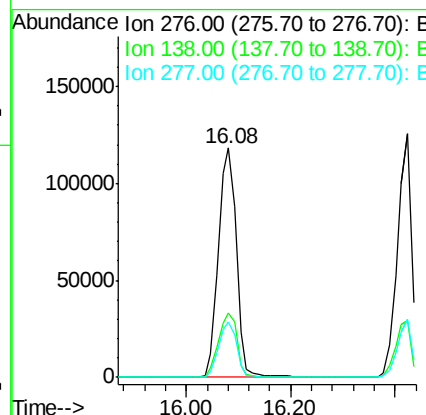
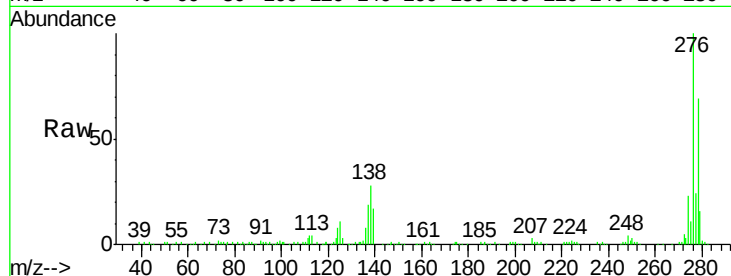
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.16 ng
 RT: 16.08 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.1	19.8	29.8

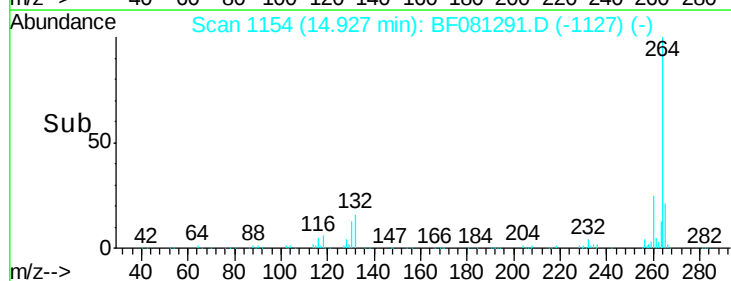
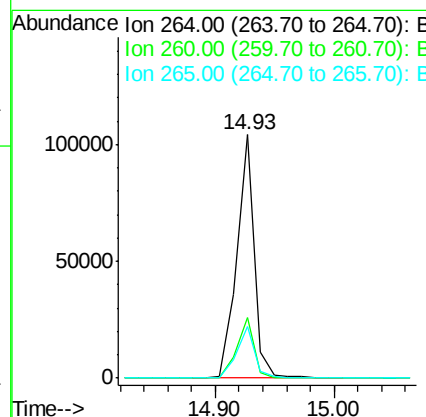
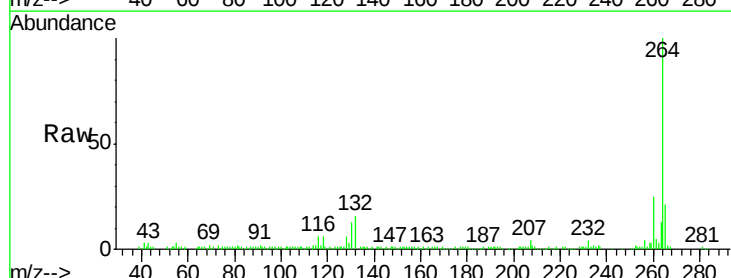
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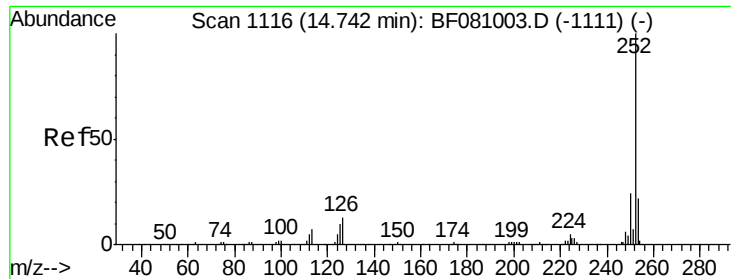
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 35.86 ng m

RT: 14.58 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

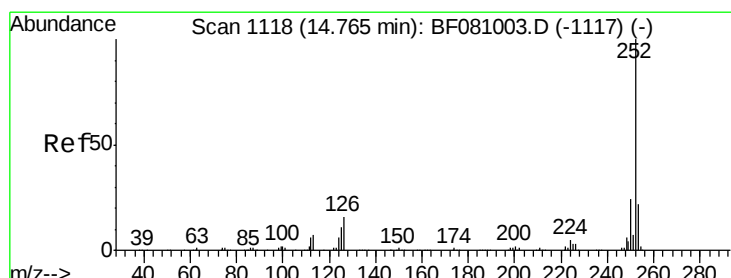
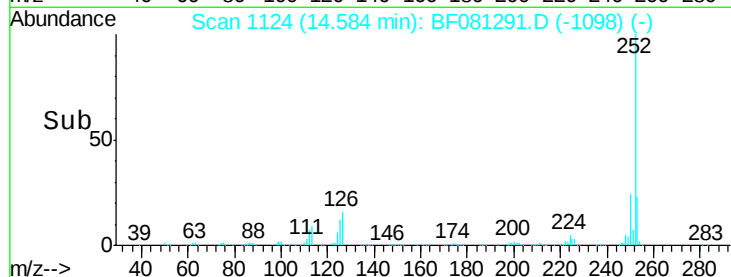
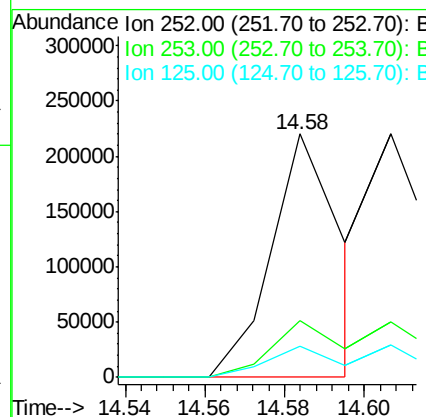
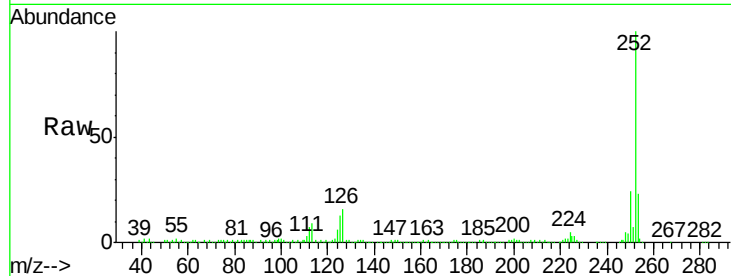
ClientSampleId :

MW-04MS

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		268918		
253	23.2	17.1	25.7		
125	12.7	8.0	12.0		

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#88

Benzo(k)fluoranthene

Concen: 33.98 ng m

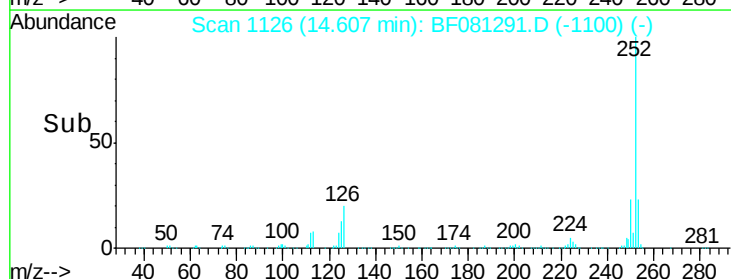
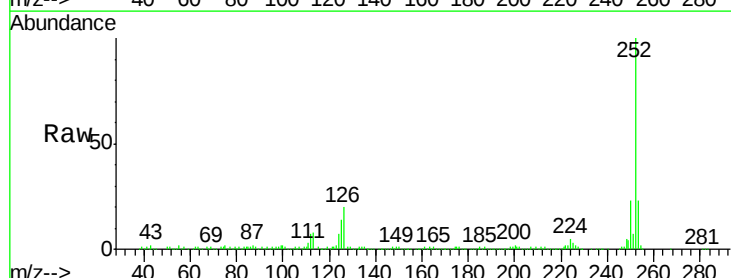
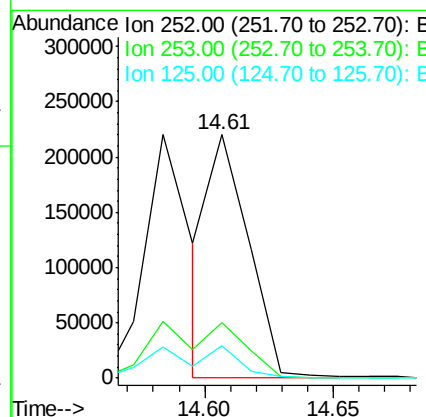
RT: 14.61 min Scan# 1126

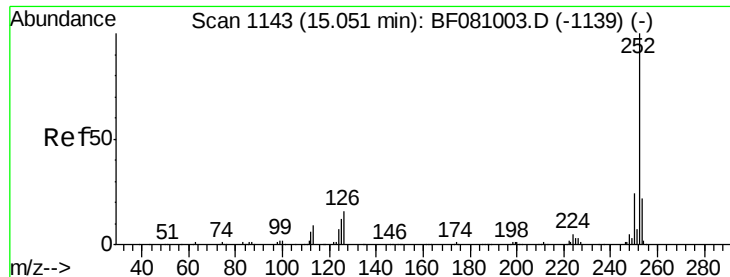
Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		237397		
253	23.0	17.6	26.4		
125	13.5	10.3	15.5		





#89

Benzo(a)pyrene

Concen: 40.49 ng

RT: 14.88 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

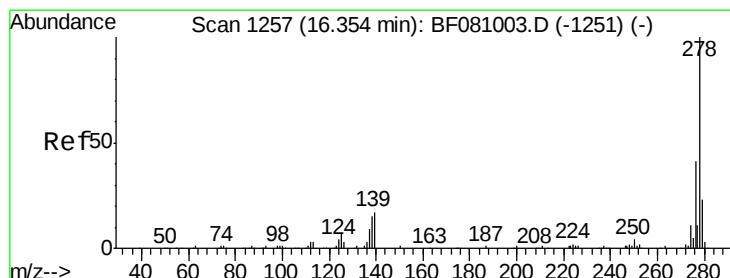
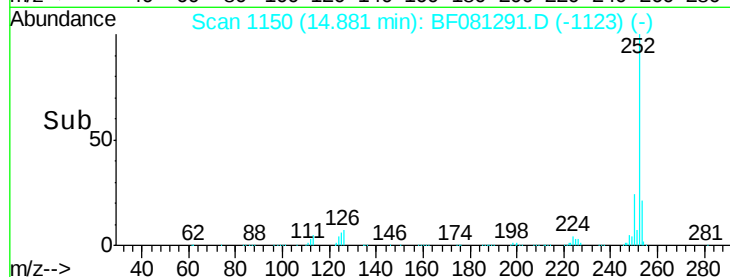
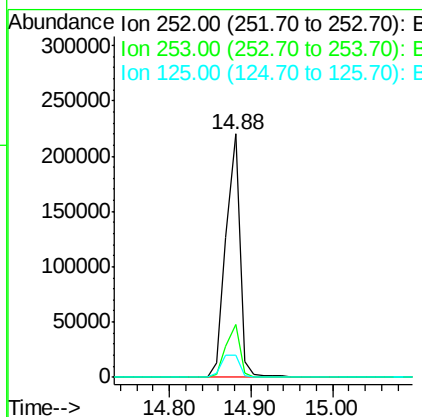
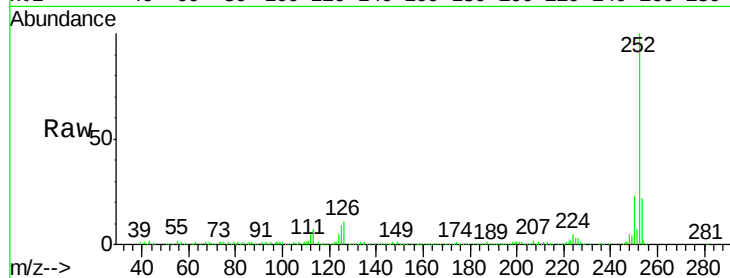
ClientSampleId :

MW-04MS

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	264581		
253	21.7	16.6	25.0	
125	9.1	7.8	11.8	



#90

Dibenzo(a,h)anthracene

Concen: 46.53 ng

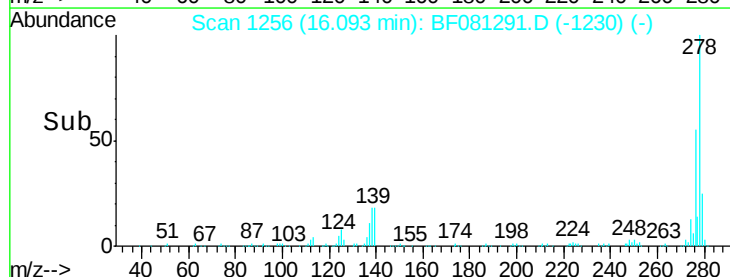
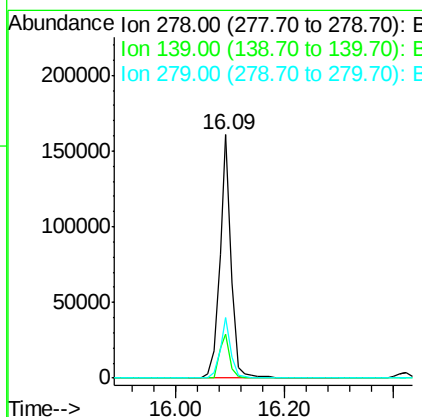
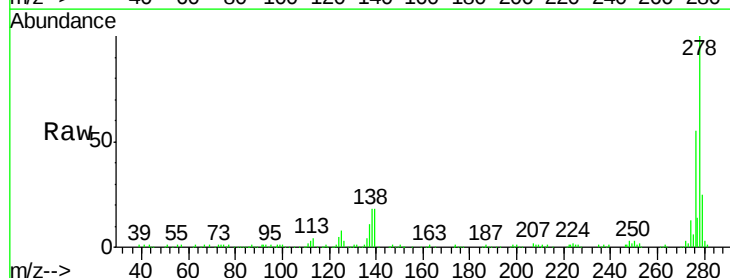
RT: 16.09 min Scan# 1256

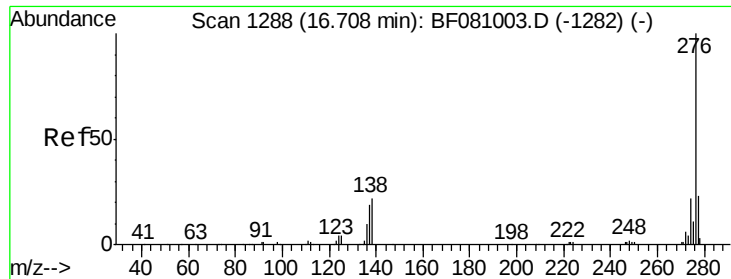
Delta R.T. 0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	236904		
139	18.2	10.8	16.2	
279	24.7	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 46.58 ng
 RT: 16.42 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	18.2	27.2
138	23.1	13.7	20.5

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