

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081292.D
 Acq On : 30 Aug 2015 2:03
 Operator : UM/IZ
 Sample : G3474-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:59:27 PM

Quant Time: Aug 31 13:35:54 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	58051	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	226401	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	105148	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	186224	20.00	ng	0.01
75) Chrysene-d12	13.60	240	116403	20.00	ng	0.00
86) Perylene-d12	14.93	264	102775	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	208823	54.11	ng	0.02
7) Phenol-d6	6.15	99	177695	35.29	ng	0.01
23) Nitrobenzene-d5	7.06	82	386955	78.08	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	86932	95.38	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	586738	73.11	ng	0.00
78) Terphenyl-d14	12.57	244	464901	85.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.90	88	24794	13.63	ng	96
3) Pyridine	2.51	79	64081	12.48	ng	# 80
4) n-Nitrosodimethylamine	2.43	42	39889	13.96	ng	# 75
6) Aniline	6.18	93	106263	14.51	ng	98
8) 2-Chlorophenol	6.27	128	131386	31.10	ng	83
9) Benzaldehyde	6.02	77	20289	6.25	ng	91
10) Phenol	6.16	94	74620	12.55	ng	89
11) bis(2-Chloroethyl)ether	6.23	93	177316	38.86	ng	92
12) 1,3-Dichlorobenzene	6.42	146	165686	36.50	ng	97
13) 1,4-Dichlorobenzene	6.50	146	169733	37.76	ng	98
14) 1,2-Dichlorobenzene	6.65	146	143114	34.02	ng	99
15) Benzyl Alcohol	6.65	79	104246	25.59	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	334137	37.26	ng	79
17) 2-Methylphenol	6.78	107	87748	24.21	ng	# 89
18) Hexachloroethane	6.99	117	68158	37.53	ng	96
19) n-Nitroso-di-n-propylamine	6.93	70	129801	37.21	ng	92
20) 3+4-Methylphenols	6.94	107	118145	25.68	ng	# 44
22) Acetophenone	6.91	105	245615	41.32	ng	# 75
24) Nitrobenzene	7.09	77	195920	37.81	ng	# 86
25) Isophorone	7.33	82	337453	36.51	ng	99
26) 2-Nitrophenol	7.39	139	74256	34.46	ng	86
27) 2,4-Dimethylphenol	7.46	122	137830	36.15	ng	91
28) bis(2-Chloroethoxy)methane	7.54	93	202042	37.00	ng	99
29) 2,4-Dichlorophenol	7.65	162	114026	35.53	ng	88
30) 1,2,4-Trichlorobenzene	7.71	180	127048	35.61	ng	97
31) Naphthalene	7.79	128	459136	36.38	ng	99
32) Benzoic acid	7.59	122	34423	16.05	ng	88
33) 4-Chloroaniline	7.86	127	51428	9.66	ng	# 88
34) Hexachlorobutadiene	7.92	225	82030	40.66	ng	97
35) Caprolactam	8.29	113	7403	6.60	ng	95
36) 4-Chloro-3-methylphenol	8.37	107	131148	34.28	ng	88
37) 2-Methylnaphthalene	8.48	142	293539	36.82	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	112459	33.15	ng	# 96
40) Hexachlorocyclopentadiene	8.64	237	90561	51.57	ng	99

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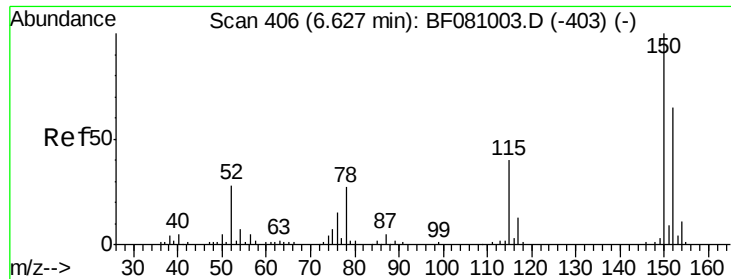
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	86971	36.29	ng	97
43) 2,4,5-Trichlorophenol	8.82	196	78955	32.96	ng #	84
45) 1,1'-Biphenyl	8.95	154	333688	36.03	ng	95
46) 2-Chloronaphthalene	8.97	162	266881	35.87	ng	93
47) 2-Nitroaniline	9.09	65	118672	38.97	ng #	72
48) Acenaphthylene	9.38	152	456978	34.33	ng	99
49) Dimethylphthalate	9.27	163	307869	35.55	ng	99
50) 2,6-Dinitrotoluene	9.33	165	59609	32.06	ng #	60
51) Acenaphthene	9.55	154	277777	34.86	ng	99
52) 3-Nitroaniline	9.50	138	36007	15.48	ng	84
53) 2,4-Dinitrophenol	9.60	184	70693	70.15	ng	90
54) Dibenzofuran	9.73	168	392569	36.77	ng	95
55) 4-Nitrophenol	9.69	139	36260m	22.19	ng	
56) 2,4-Dinitrotoluene	9.73	165	82694	33.56	ng #	59
57) Fluorene	10.07	166	293248	35.70	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	62689m	33.81	ng	
59) Diethylphthalate	9.97	149	349383	38.12	ng	97
60) 4-Chlorophenyl-phenylether	10.07	204	139721	40.20	ng #	82
61) 4-Nitroaniline	10.10	138	38720	16.28	ng	97
62) Azobenzene	10.22	77	354369	33.55	ng	97
64) 4,6-Dinitro-2-methylphenol	10.14	198	44263	39.80	ng #	54
65) n-Nitrosodiphenylamine	10.19	169	254117	38.23	ng	99
66) 4-Bromophenyl-phenylether	10.55	248	75850	41.46	ng #	79
67) Hexachlorobenzene	10.61	284	76813	41.46	ng #	90
68) Atrazine	10.77	200	50381	27.20	ng	94
69) Pentachlorophenol	10.81	266	70640	63.55	ng	99
70) Phenanthrene	11.02	178	429628	38.93	ng	99
71) Anthracene	11.06	178	370005	34.45	ng	100
72) Carbazole	11.23	167	384971	37.23	ng	98
73) Di-n-butylphthalate	11.58	149	470387	37.60	ng	98
74) Fluoranthene	12.19	202	450040	37.79	ng	98
77) Pyrene	12.41	202	394969	41.74	ng	99
79) Butylbenzylphthalate	13.06	149	206538	50.78	ng	96
80) Benzo(a)anthracene	13.60	228	322955	41.37	ng	99
82) Chrysene	13.64	228	297188	42.24	ng	98
83) Bis(2-ethylhexyl)phthalate	13.62	149	317736	60.99	ng	100
84) Di-n-octyl phthalate	14.23	149	471653	59.56	ng	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	271277	54.92	ng #	94
87) Benzo(b)fluoranthene	14.58	252	249155m	34.27	ng	
88) Benzo(k)fluoranthene	14.61	252	225846m	33.34	ng	
89) Benzo(a)pyrene	14.88	252	251481	39.70	ng	97
90) Dibenzo(a,h)anthracene	16.09	278	225621	45.71	ng #	95
91) Benzo(g,h,i)perylene	16.42	276	227953	45.52	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

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

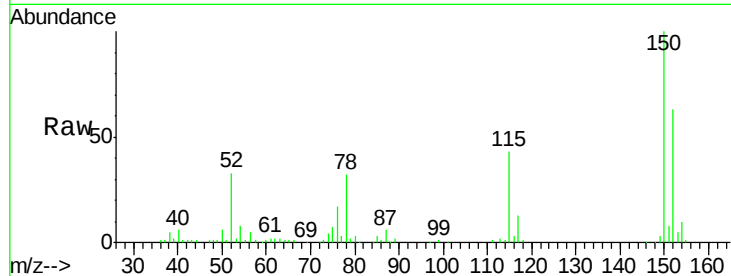
ClientSampleId :

MW-04MSD

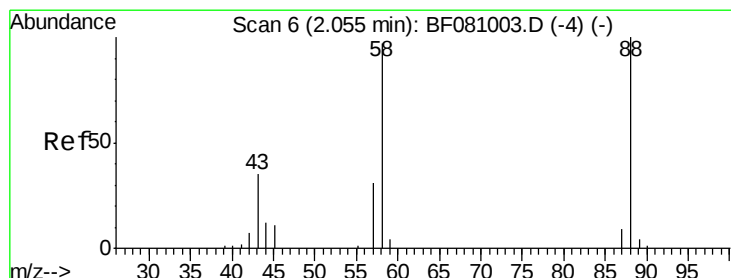
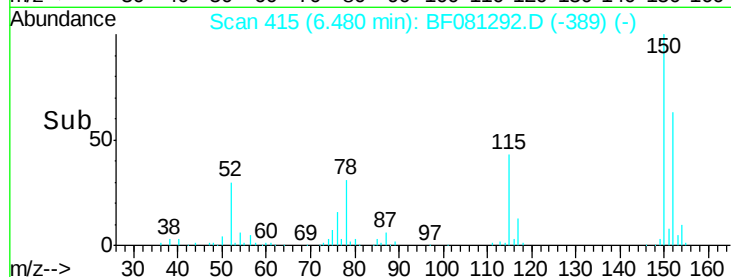
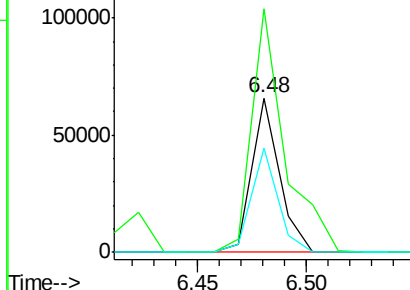
Tgt Ion:	152	Resp:	58051
Ion Ratio	Lower	Upper	
152	100		
150	158.1	123.8	185.6
115	67.8	52.1	78.1

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



#2

1,4-Dioxane

Concen: 13.63 ng

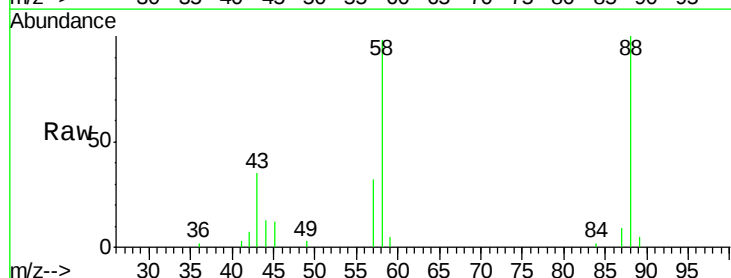
RT: 1.90 min Scan# 14

Delta R.T. 0.05 min

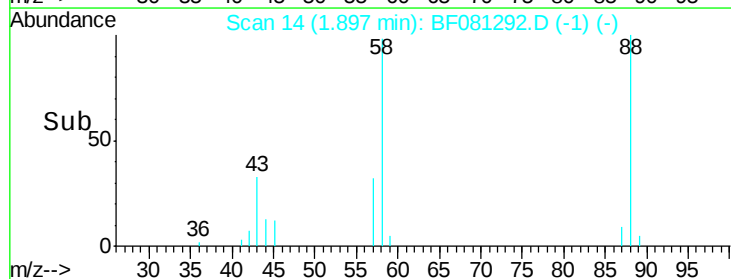
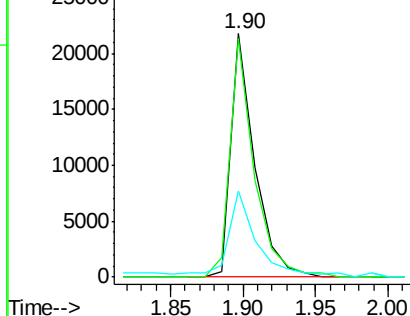
Lab File: BF081292.D

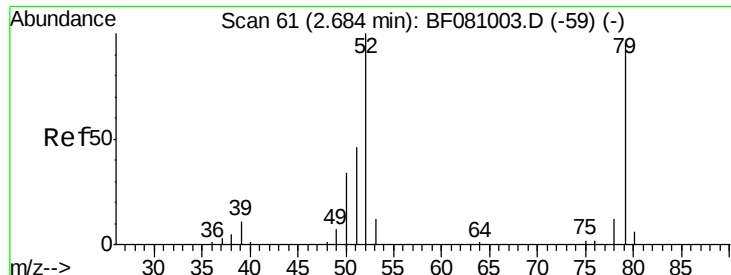
Acq: 30 Aug 2015 2:03

Tgt Ion:	88	Resp:	24794
Ion Ratio	Lower	Upper	
88	100		
58	99.5	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: 12.48 ng

RT: 2.51 min Scan# 68

Delta R.T. 0.08 min

Lab File: BF081292.D

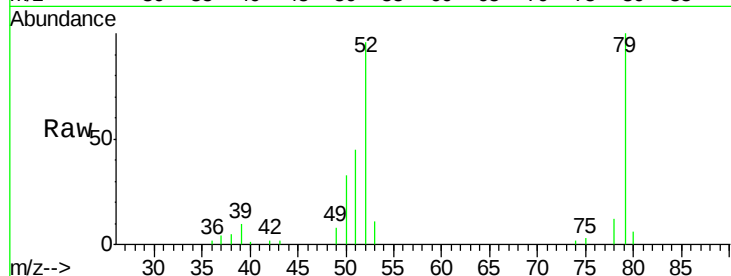
Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

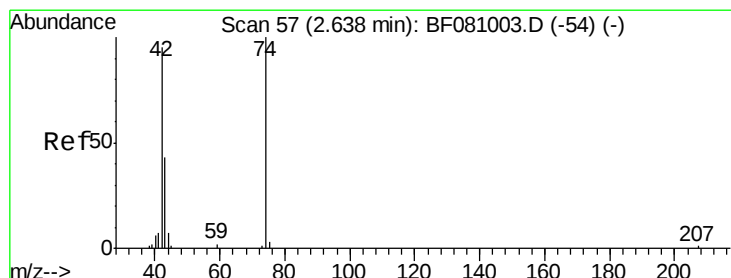
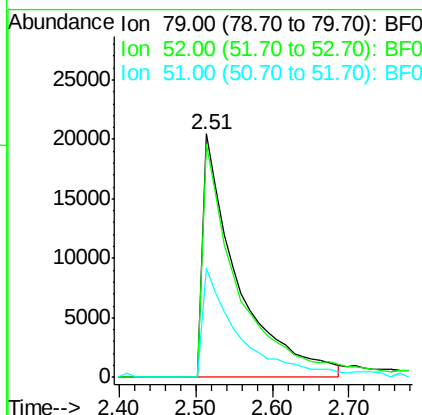
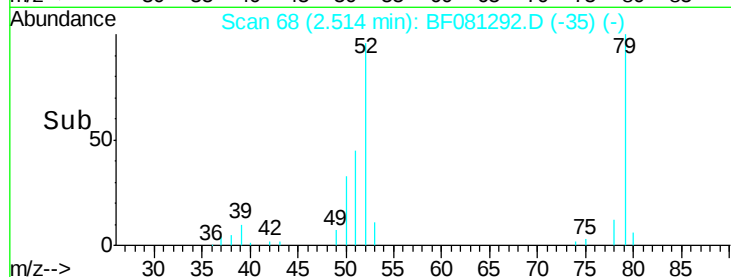
MW-04MSD



Tgt Ion:	79	Resp:	64081
Ion	Ratio	Lower	Upper
79	100		
52	95.9	95.1	142.7
51	44.9	46.6	70.0#

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#4

n-Nitrosodimethylamine

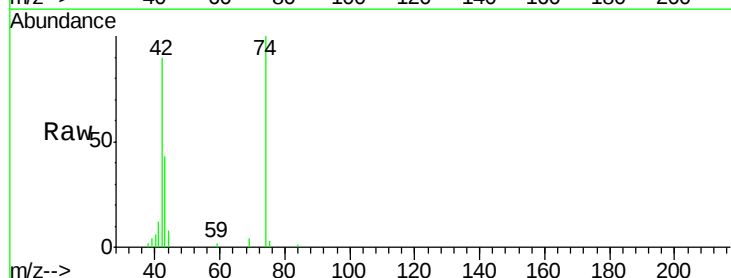
Concen: 13.96 ng

RT: 2.43 min Scan# 61

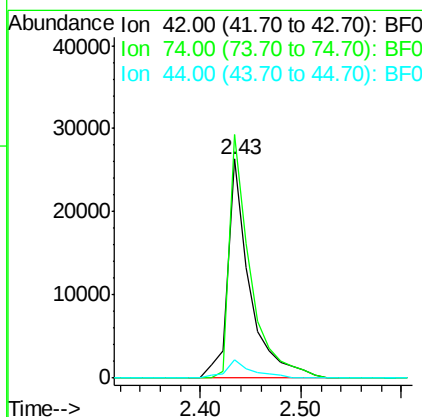
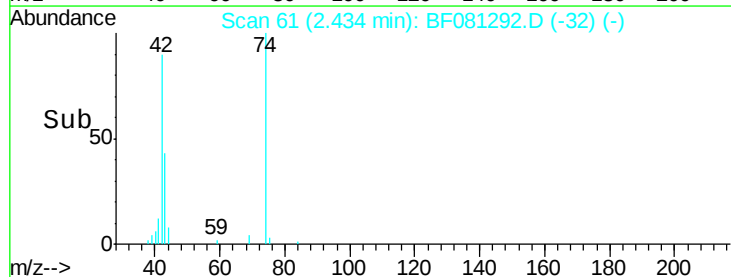
Delta R.T. 0.03 min

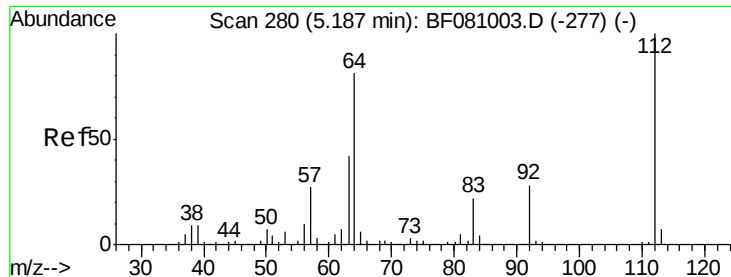
Lab File: BF081292.D

Acq: 30 Aug 2015 2:03



Tgt Ion:	42	Resp:	39889
Ion	Ratio	Lower	Upper
42	100		
74	111.0	69.3	103.9#
44	8.7	5.5	8.3#





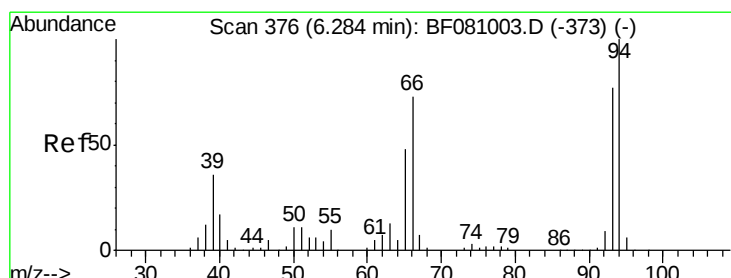
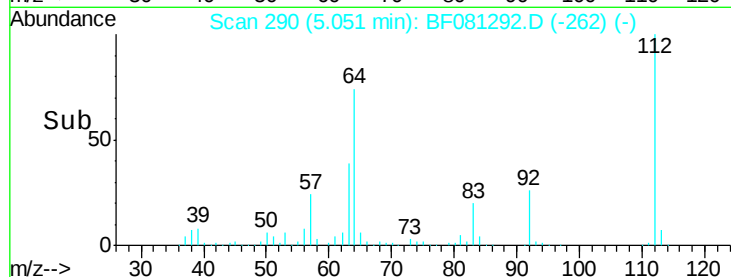
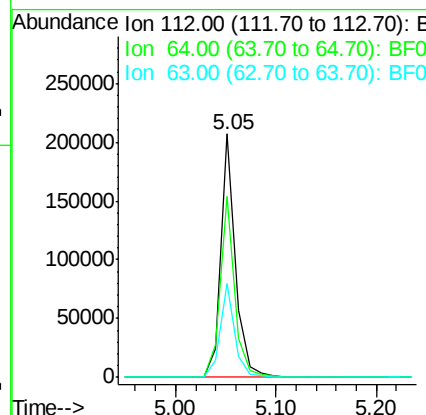
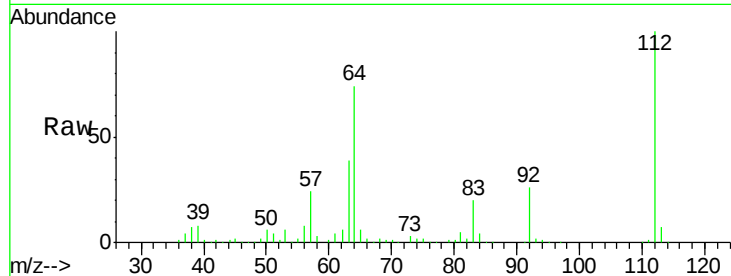
#5
 2-Fluorophenol
 Concen: 54.11 ng
 RT: 5.05 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

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 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion:	112	Resp:	208823
Ion Ratio	Lower	Upper	
112	100		
64	74.4	66.9	100.3
63	38.8	38.1	57.1

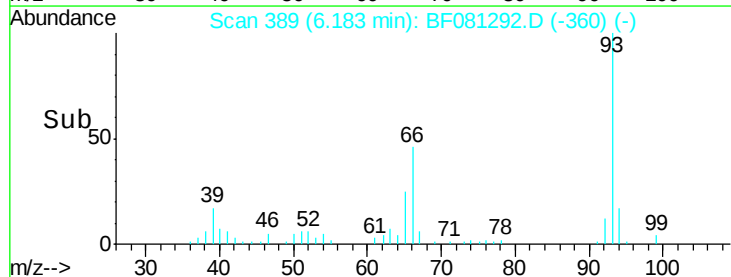
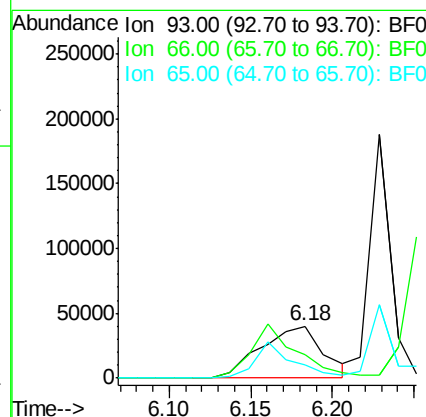
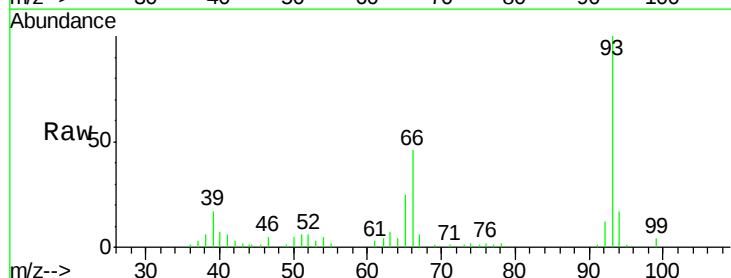
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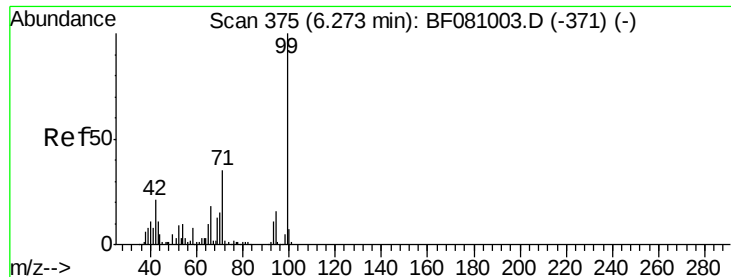
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#6
 Aniline
 Concen: 14.51 ng
 RT: 6.18 min Scan# 389
 Delta R.T. 0.03 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion:	93	Resp:	106263
Ion Ratio	Lower	Upper	
93	100		
66	45.7	35.6	53.4
65	25.0	18.7	28.1





#7

Phenol-d6

Concen: 35.29 ng

RT: 6.15 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

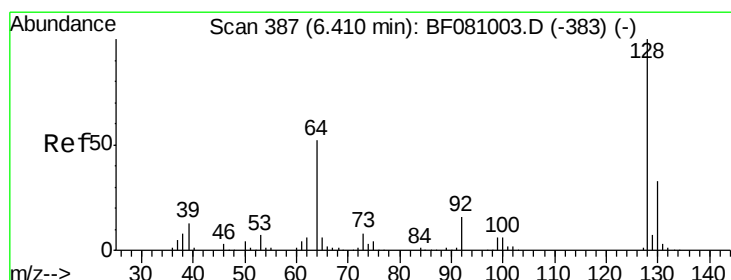
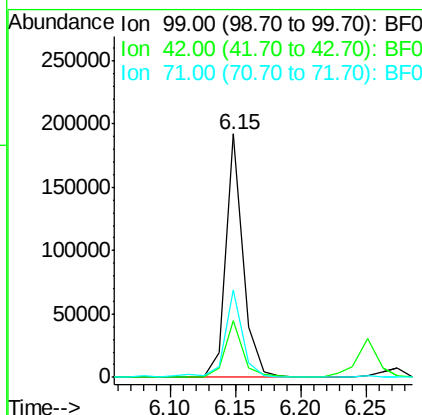
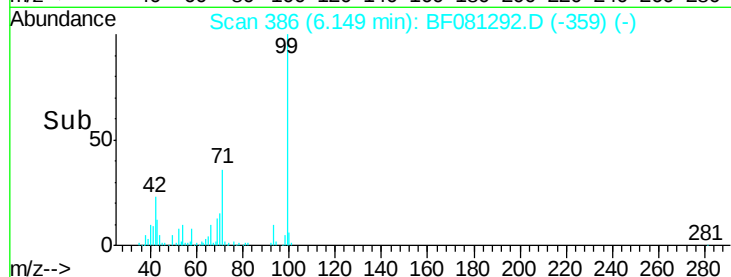
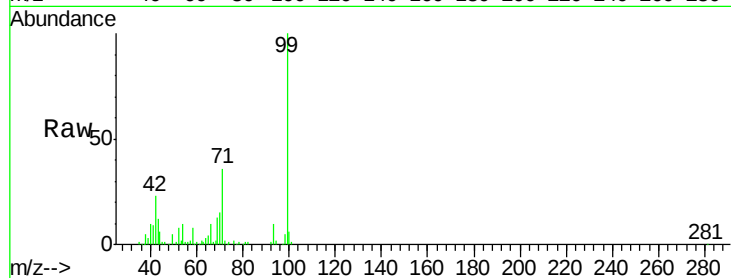
ClientSampleId :

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Tgt Ion:	99	Resp:	177695
Ion Ratio	Lower	Upper	
99	100		
42	23.1	19.6	29.4
71	36.0	31.2	46.8

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#8

2-Chlorophenol

Concen: 31.10 ng

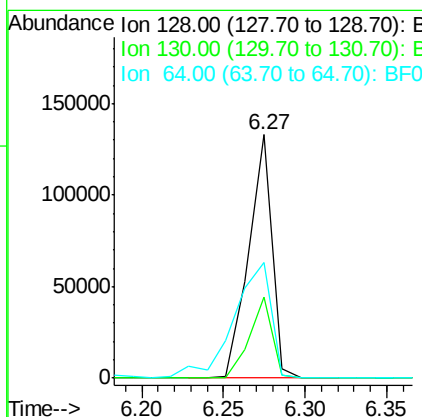
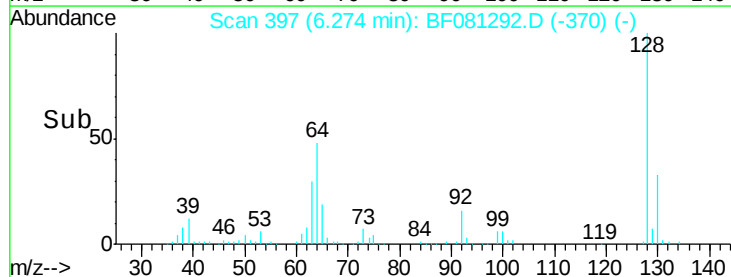
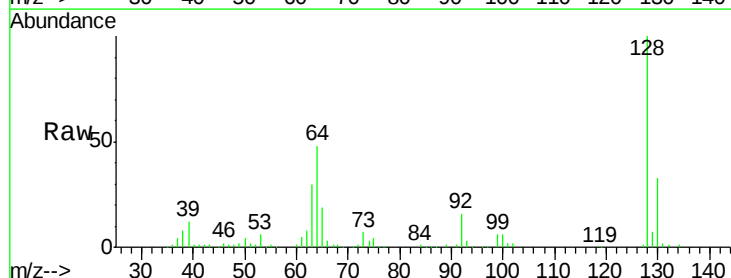
RT: 6.27 min Scan# 397

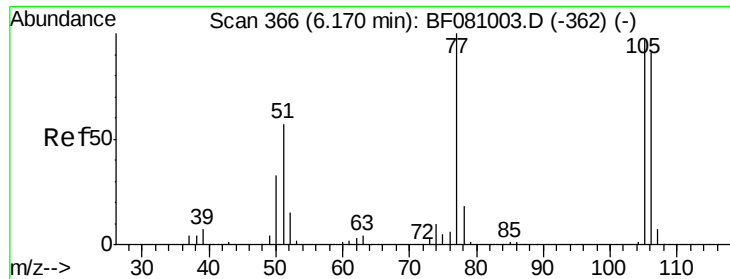
Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	128	Resp:	131386
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.5	52.5
64	47.6	46.8	86.8





#9

Benzaldehyde

Concen: 6.25 ng

RT: 6.02 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

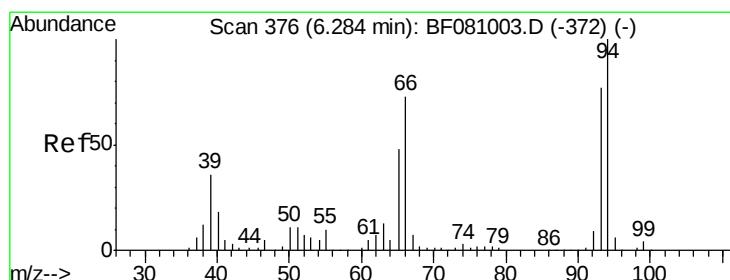
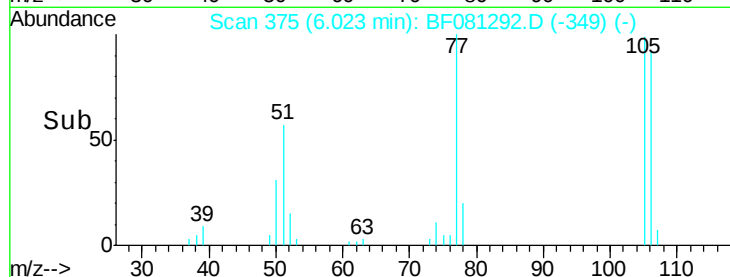
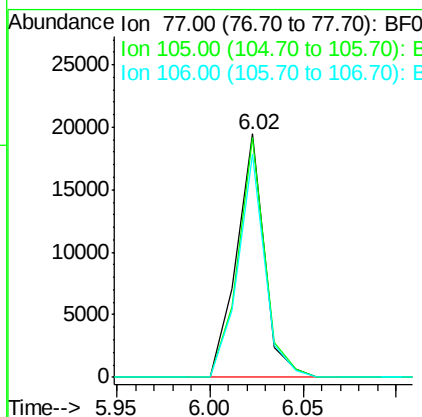
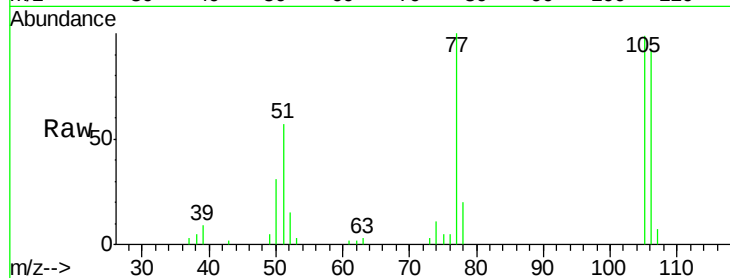
ClientSampleId :

MW-04MSD

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Tgt Ion:	77	Resp:	20289
Ion	Ratio	Lower	Upper
77	100		
105	98.6	69.6	109.6
106	91.9	64.0	104.0



#10

Phenol

Concen: 12.55 ng

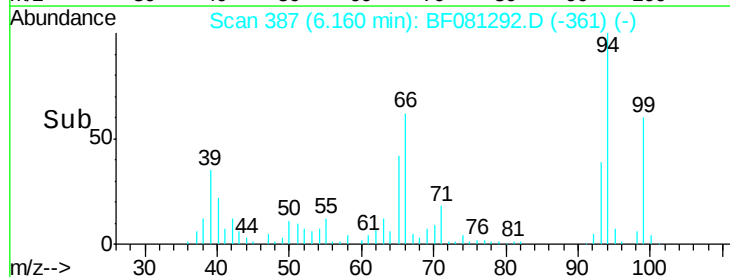
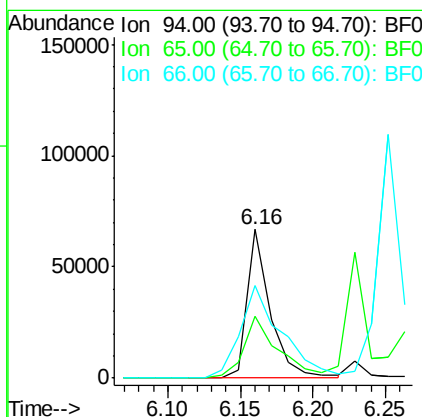
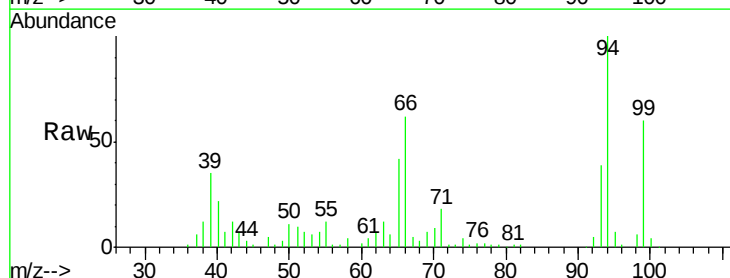
RT: 6.16 min Scan# 387

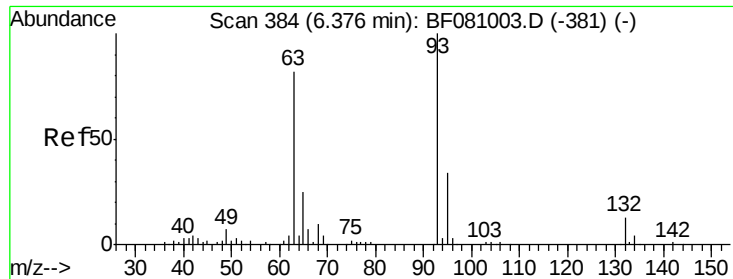
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	94	Resp:	74620
Ion	Ratio	Lower	Upper
94	100		
65	41.6	28.4	68.4
66	62.2	52.3	92.3





#11

bis(2-Chloroethyl)ether

Concen: 38.86 ng

RT: 6.23 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

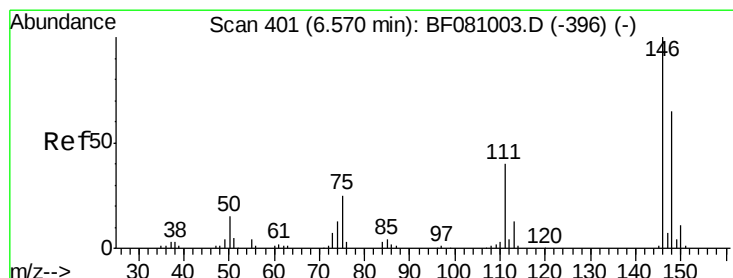
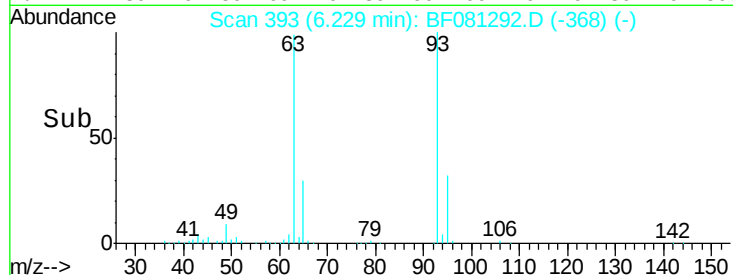
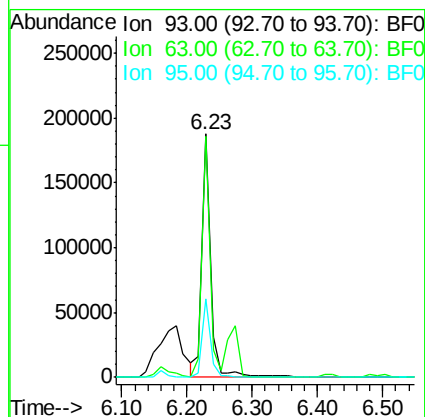
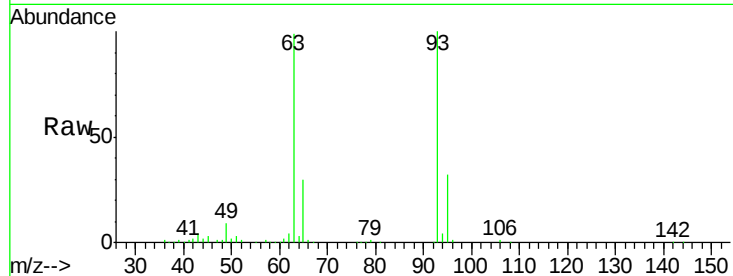
ClientSampleId :

MW-04MSD

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Tgt Ion:	93	Resp:	177316
Ion Ratio	Lower	Upper	
93	100		
63	99.3	69.6	109.6
95	32.1	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 36.50 ng

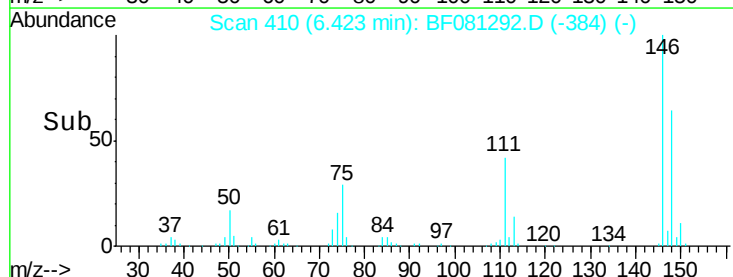
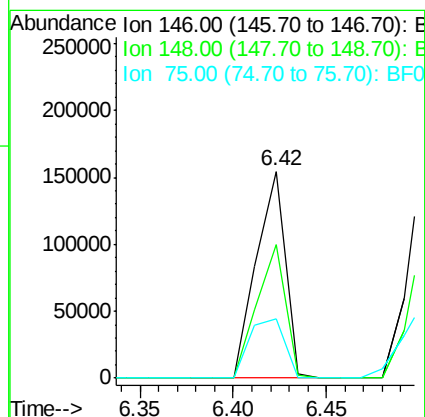
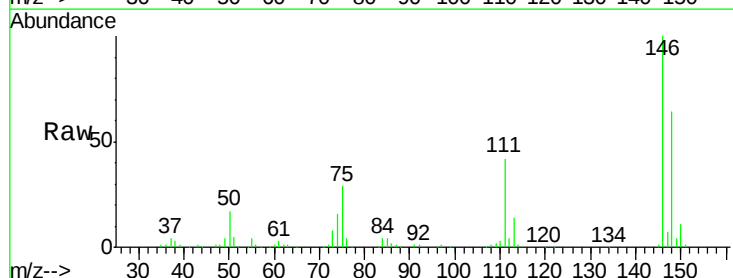
RT: 6.42 min Scan# 410

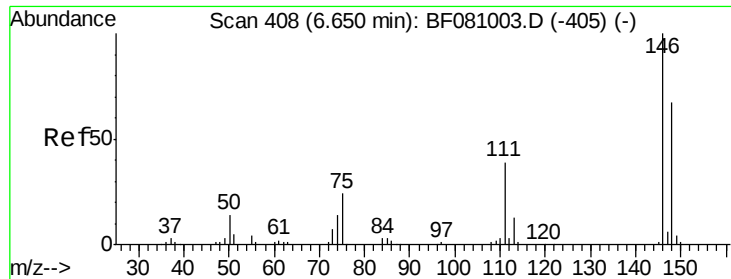
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

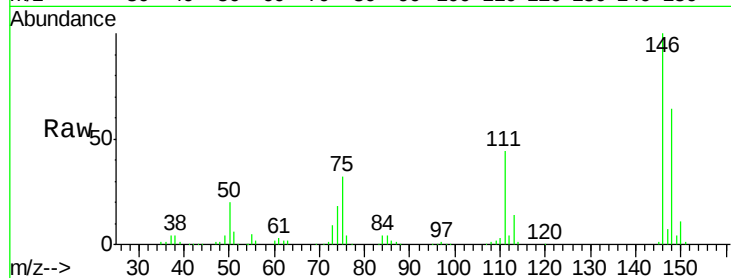
Tgt Ion:	146	Resp:	165686
Ion Ratio	Lower	Upper	
146	100		
148	64.4	53.3	79.9
75	28.5	25.0	37.6





#13
 1,4-Dichlorobenzene
 Concen: 37.76 ng
 RT: 6.50 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

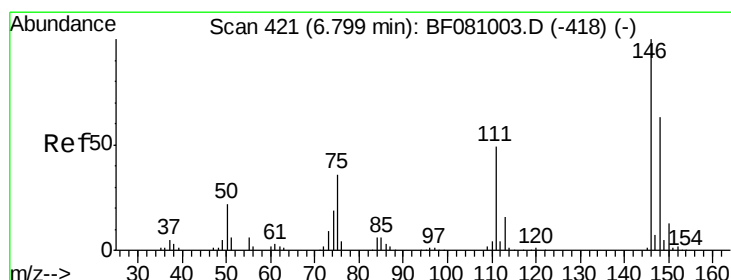
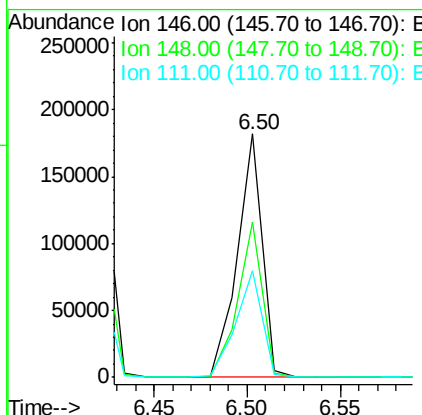
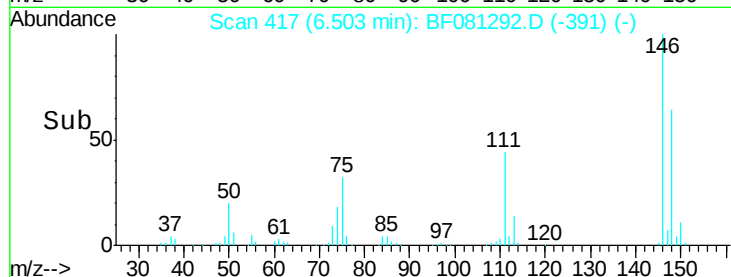
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD



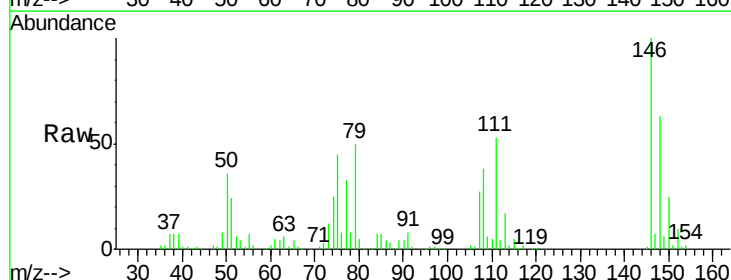
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169733		
148	64.0	52.3	78.5	
111	44.0	34.4	51.6	

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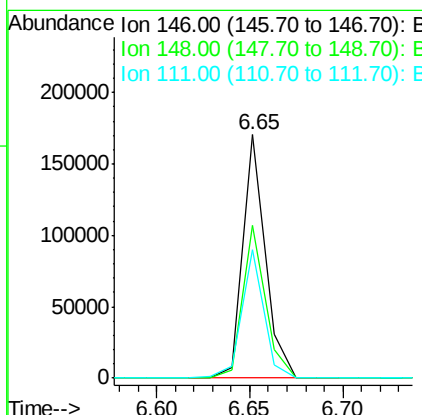
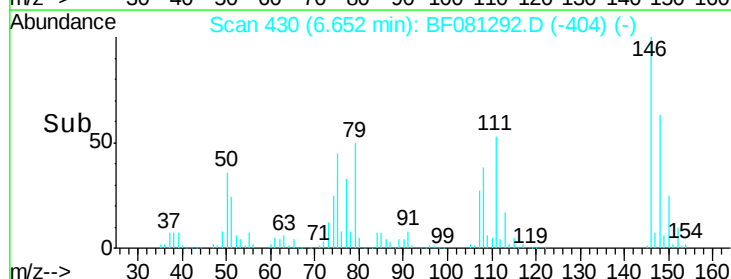
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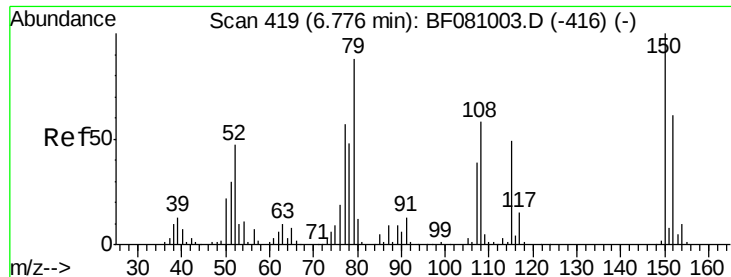


#14
 1,2-Dichlorobenzene
 Concen: 34.02 ng
 RT: 6.65 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143114		
148	62.9	48.7	73.1	
111	52.9	42.3	63.5	





#15

Benzyl Alcohol

Concen: 25.59 ng

RT: 6.65 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

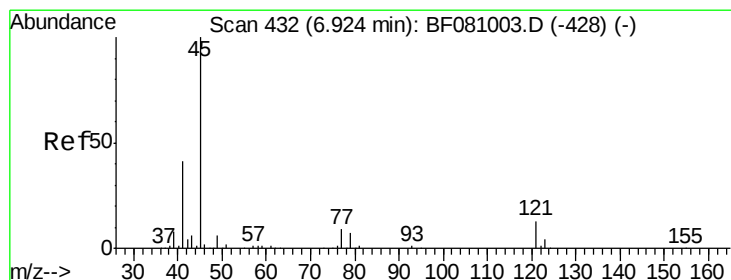
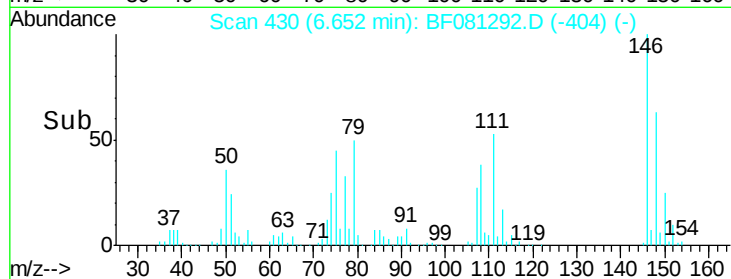
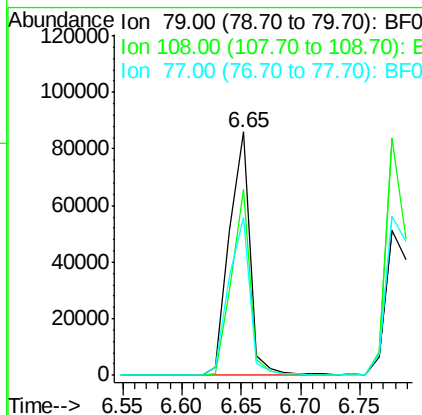
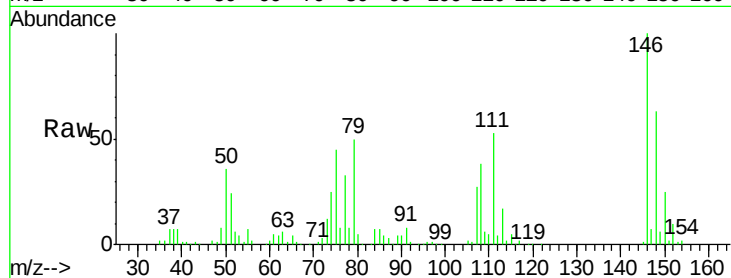
ClientSampleId :

MW-04MSD

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Tgt Ion:	79	Resp:	104246
Ion Ratio	Lower	Upper	
79	100		
108	76.2	49.4	74.2#
77	65.1	51.4	77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.26 ng

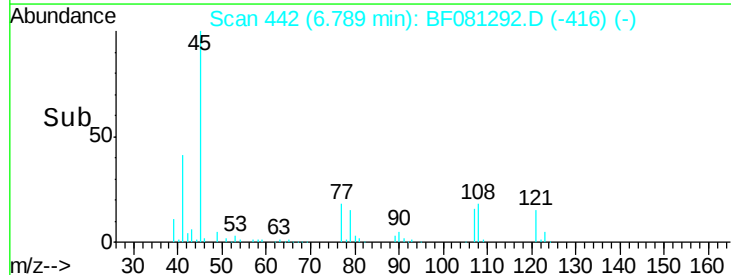
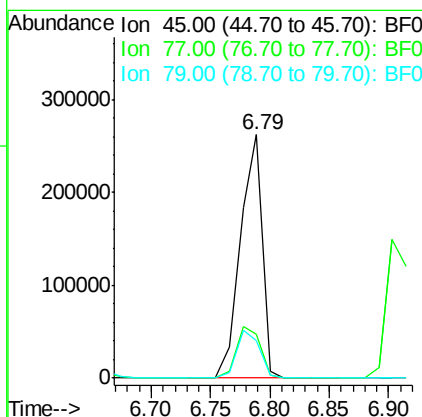
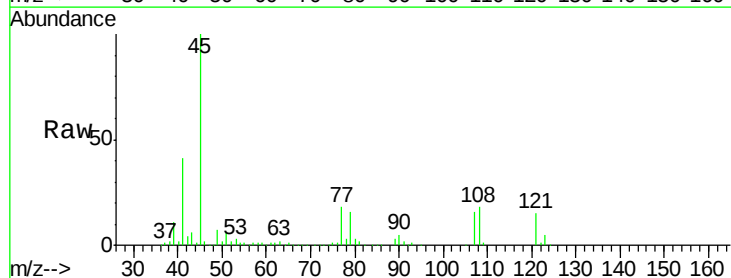
RT: 6.79 min Scan# 442

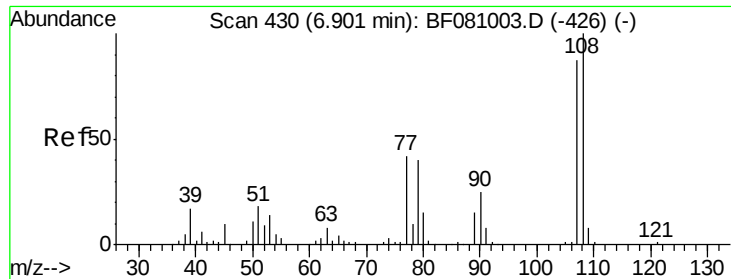
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	45	Resp:	334137
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	30.2
79	15.5	0.0	28.0





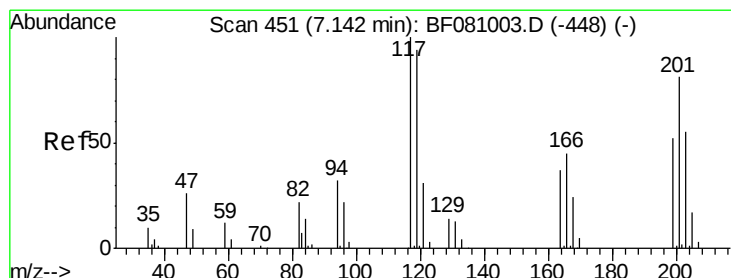
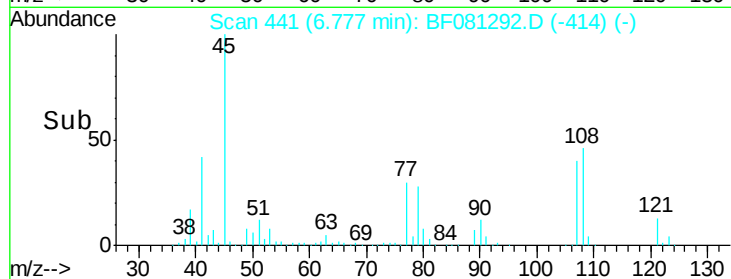
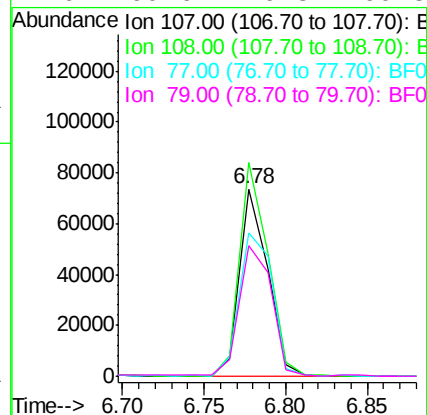
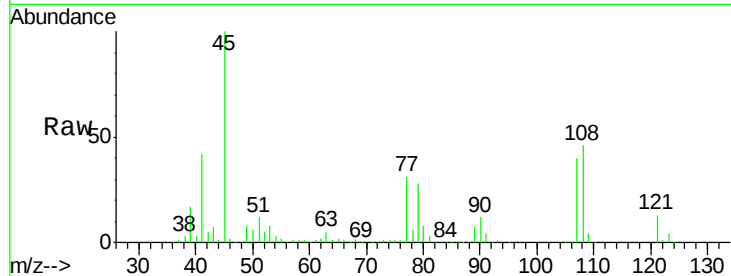
#17
2-Methylphenol
Concen: 24.21 ng
RT: 6.78 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	87748		
108	114.3	90.4	135.6	
77	76.4	46.5	69.7#	
79	69.6	46.3	69.5#	

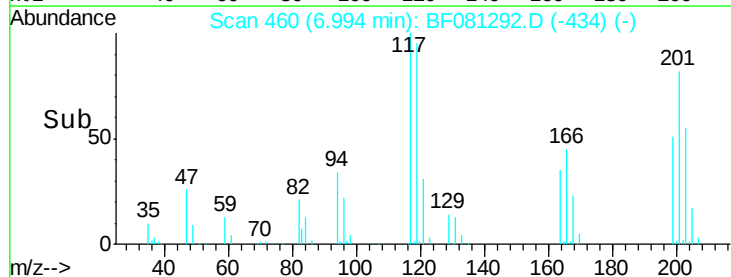
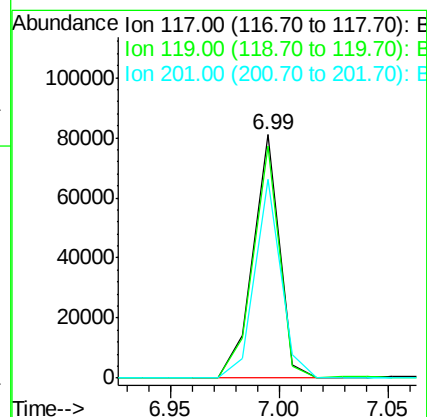
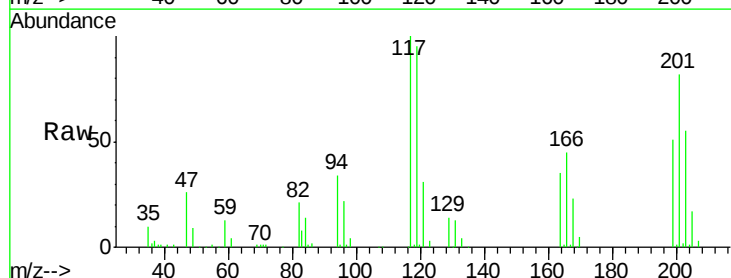
Manual Integrations
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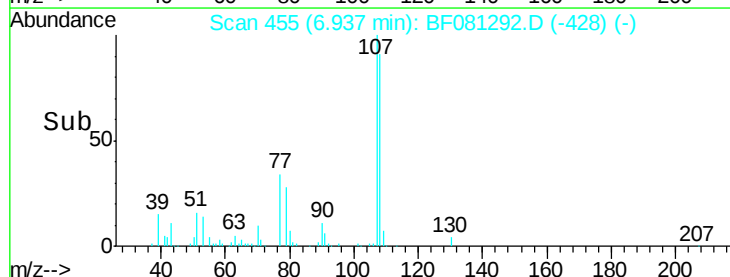
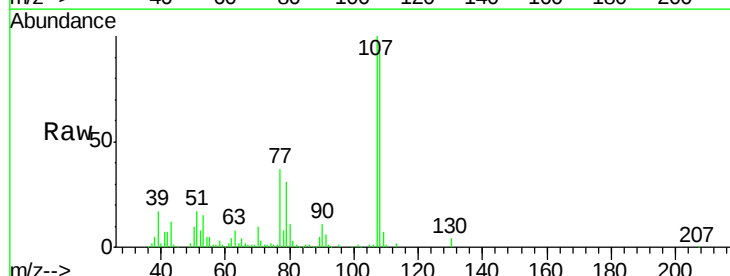
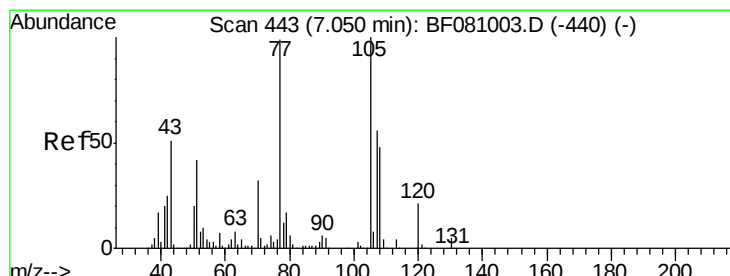
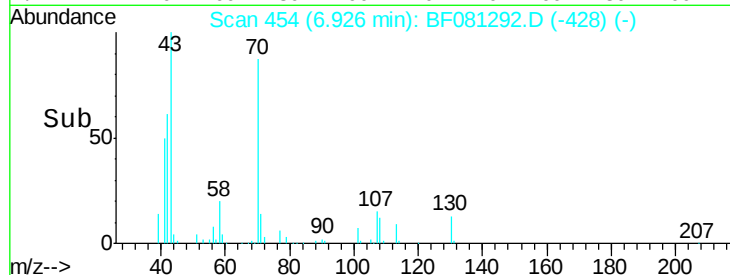
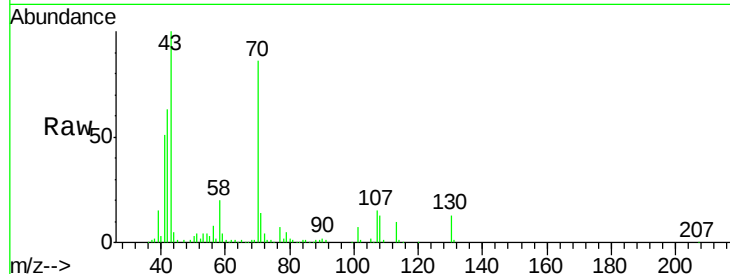
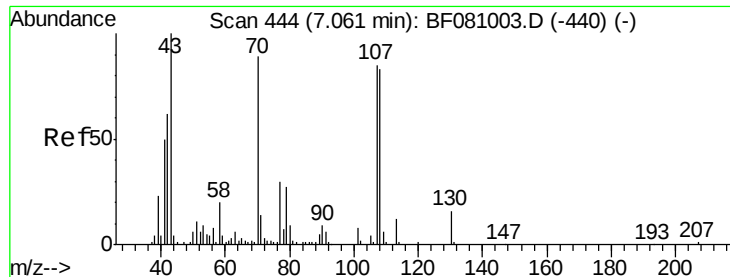
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#18
Hexachloroethane
Concen: 37.53 ng
RT: 6.99 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68158		
119	95.2	77.9	116.9	
201	81.6	61.3	91.9	





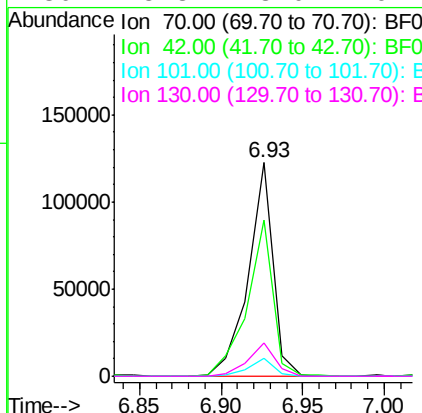
#19
n-Nitroso-di-n-propylamine
Concen: 37.21 ng
RT: 6.93 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		129801		
42	72.9	65.0	97.4		
101	8.2	7.4	11.2		
130	15.3	13.0	19.4		

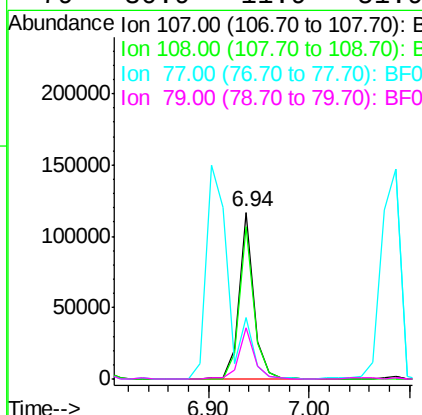
Manual Integrations
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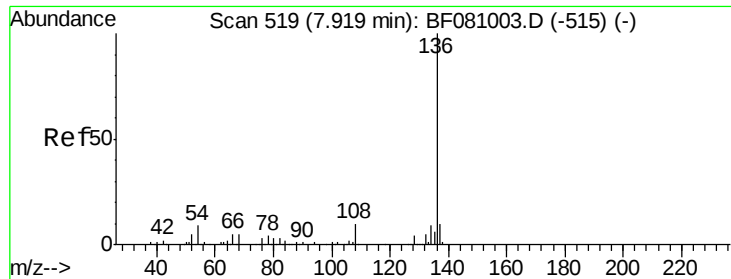
MMDadoda
8/31/2015 1:59:27 PM



#20
3+4-Methylphenols
Concen: 25.68 ng
RT: 6.94 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		118145		
108	91.8	66.1	106.1		
77	36.7	139.3	179.3#		
79	30.9	11.9	51.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

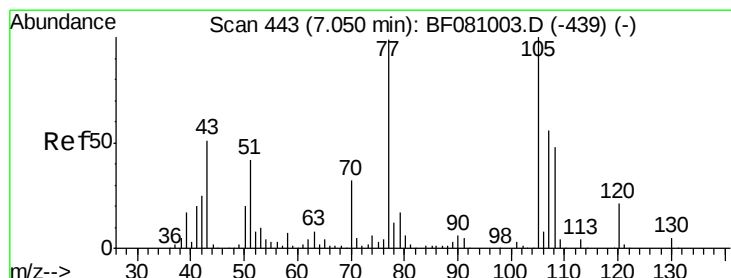
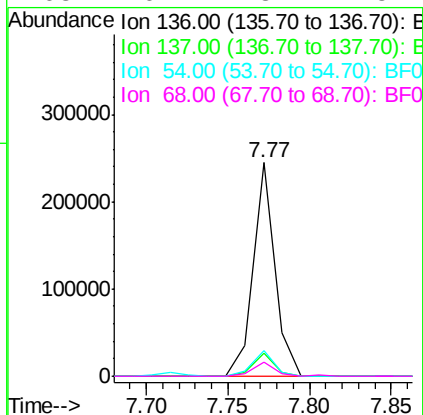
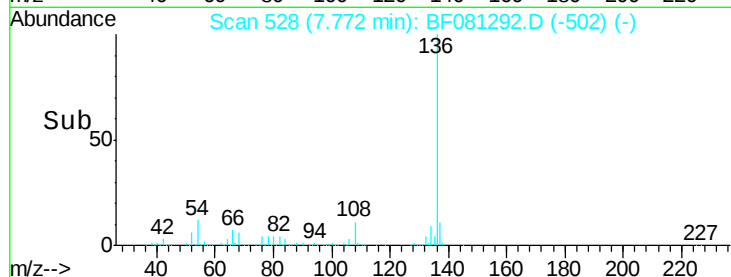
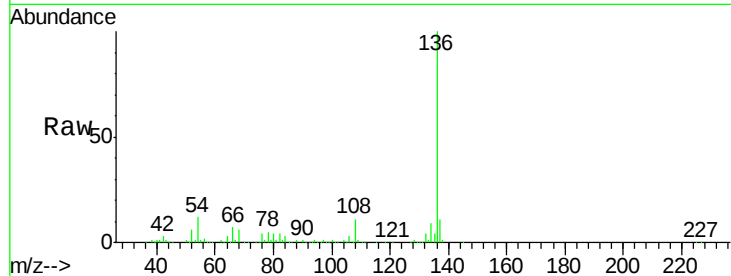
ClientSampleId :

MW-04MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	226401		
137	10.6	8.2	12.2	
54	12.2	7.7	11.5#	
68	6.4	3.4	5.2#	



#22

Acetophenone

Concen: 41.32 ng

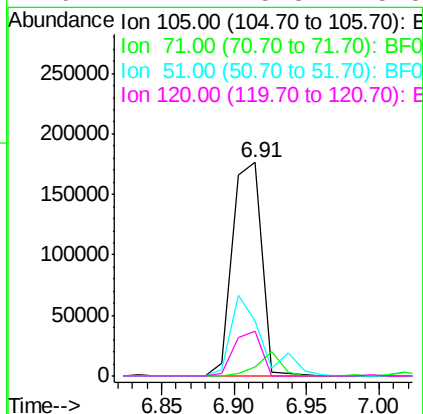
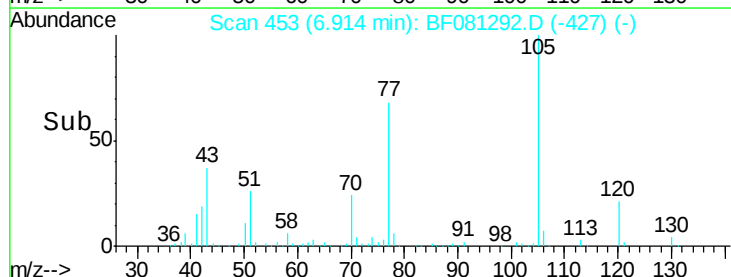
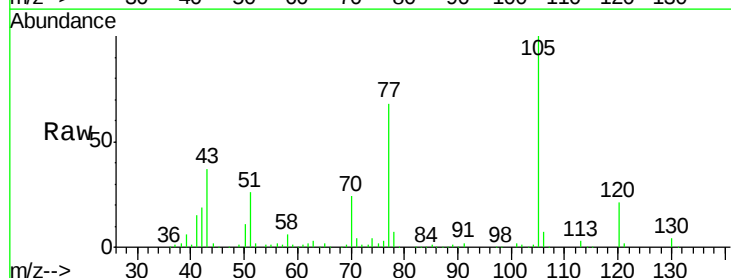
RT: 6.91 min Scan# 453

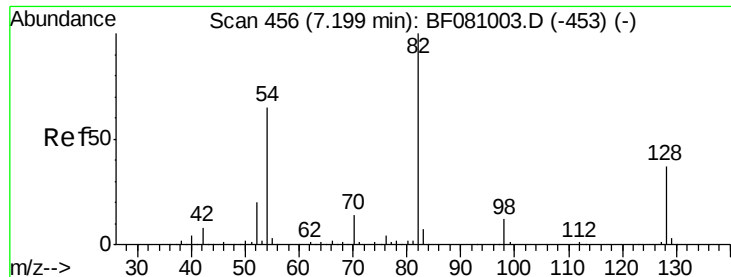
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245615		
71	3.9	3.0	4.6	
51	25.5	39.8	59.8#	
120	21.1	15.8	23.8	





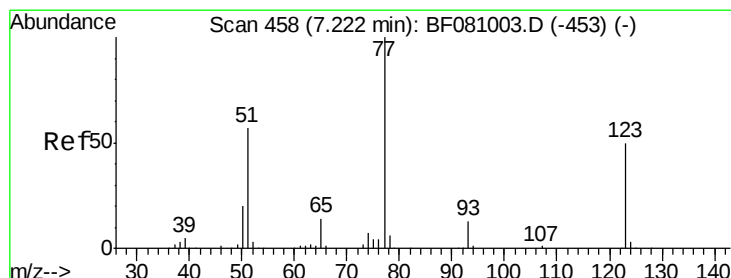
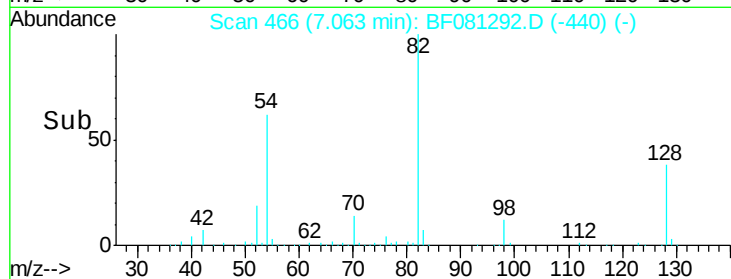
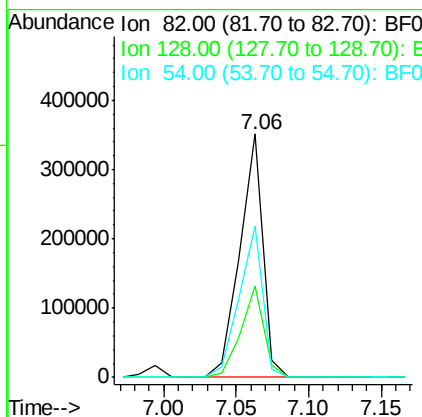
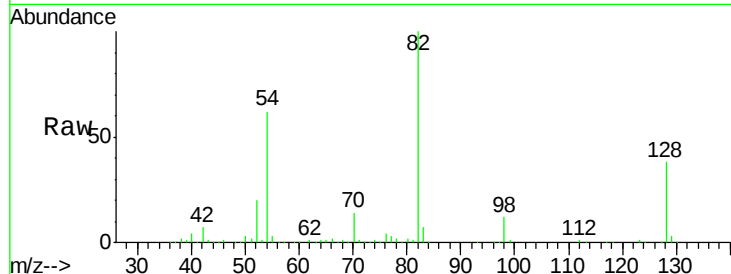
#23
 Nitrobenzene-d5
 Concen: 78.08 ng
 RT: 7.06 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	37.7	28.6	42.8
54	62.3	55.1	82.7

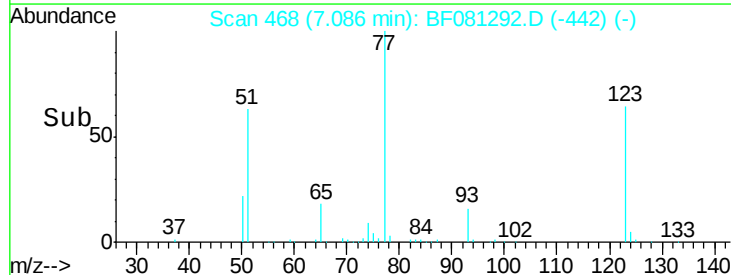
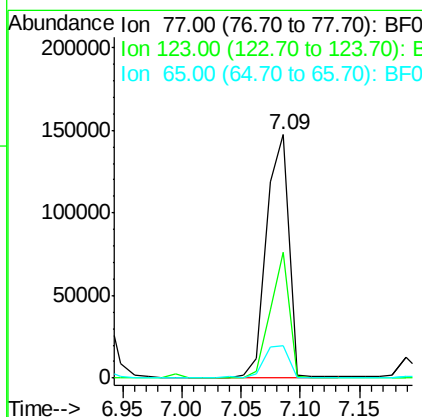
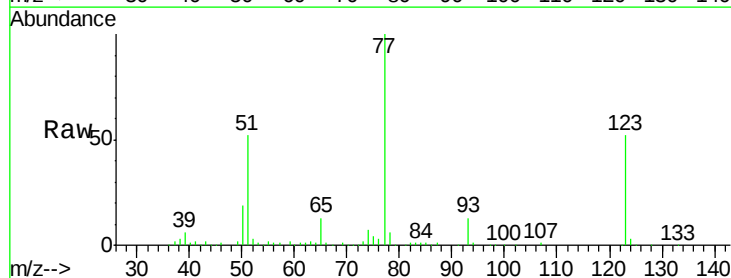
Manual Integrations
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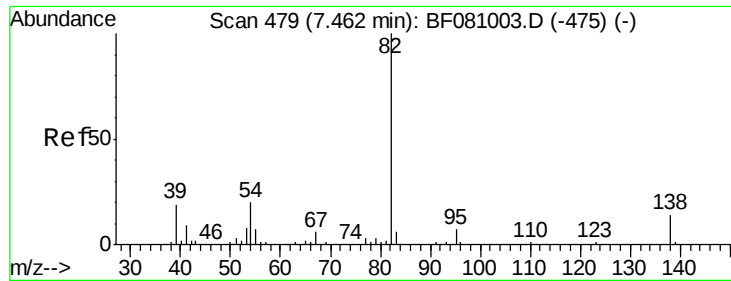
MMDadoda
 8/31/2015 1:59:27 PM



#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 7.09 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	51.9	32.9	49.3#
65	13.5	12.5	18.7





#25

Isophorone

Concen: 36.51 ng

RT: 7.33 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

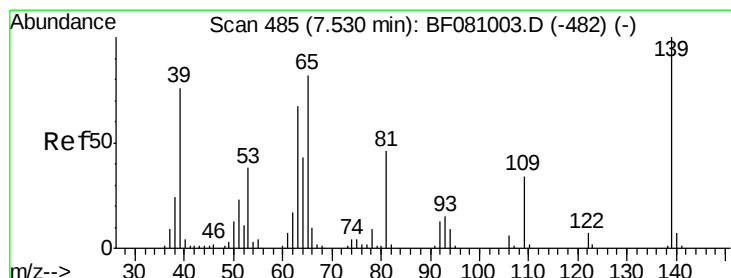
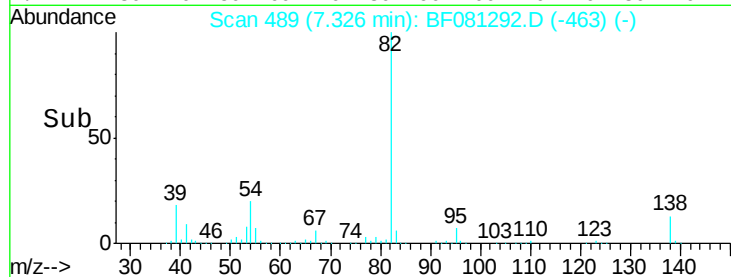
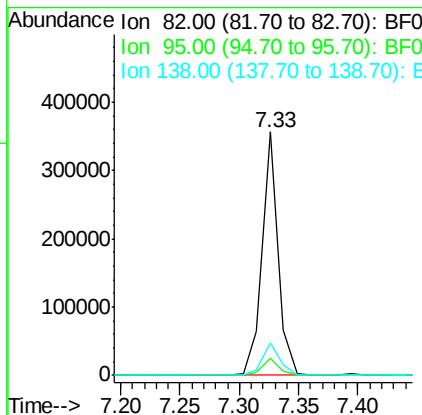
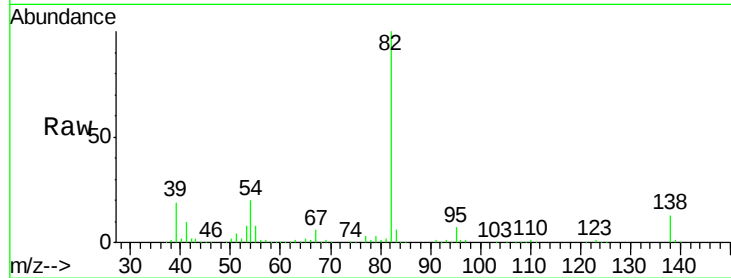
ClientSampleId :

MW-04MSD

Tgt Ion:	82	Resp:	337453
Ion Ratio	Lower	Upper	
82	100		
95	6.9	6.2	9.2
138	13.2	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.46 ng

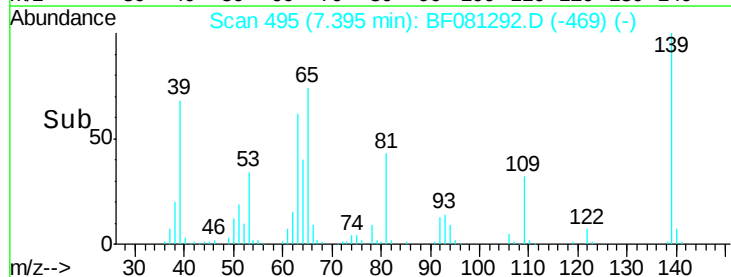
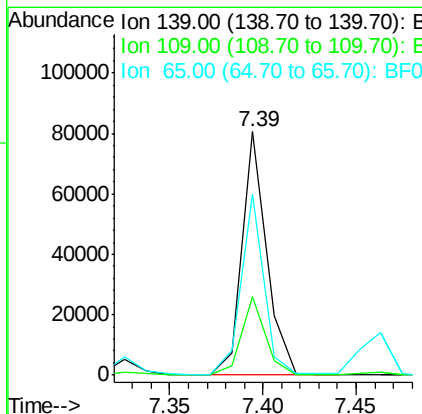
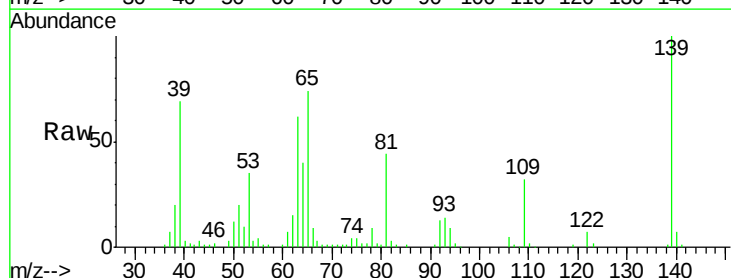
RT: 7.39 min Scan# 495

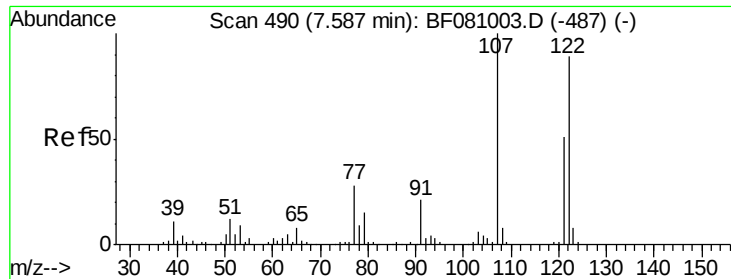
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	139	Resp:	74256
Ion Ratio	Lower	Upper	
139	100		
109	32.1	32.1	48.1
65	74.5	69.9	104.9





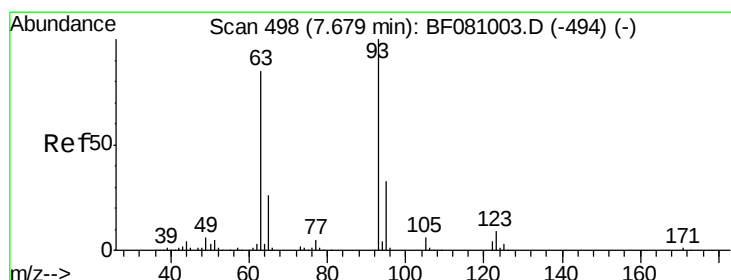
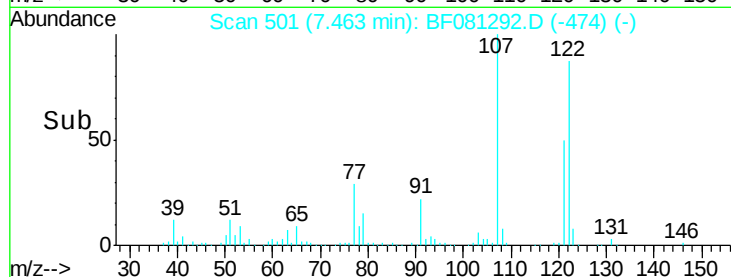
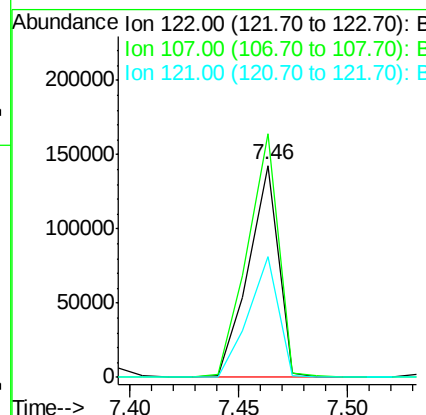
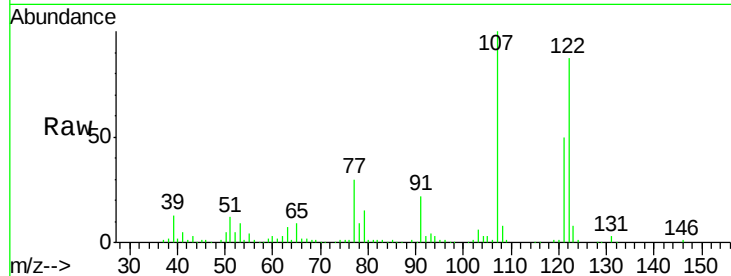
#27
 2,4-Dimethylphenol
 Concen: 36.15 ng
 RT: 7.46 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	137830		
107	114.9	103.8	155.6	
121	57.1	47.0	70.4	

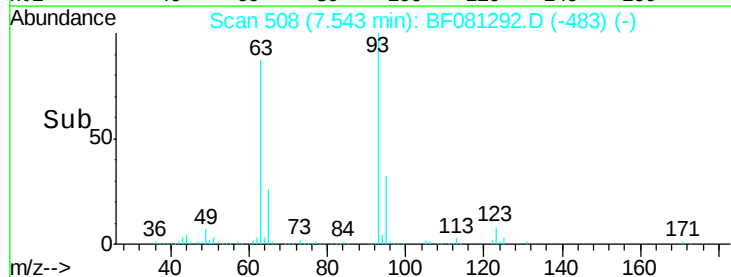
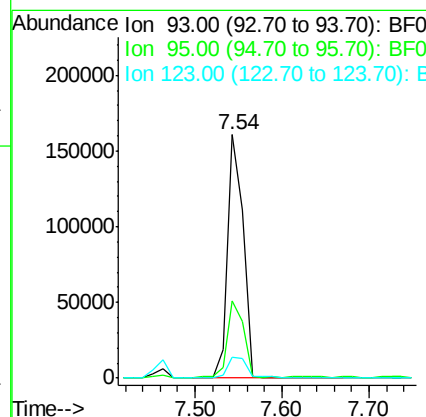
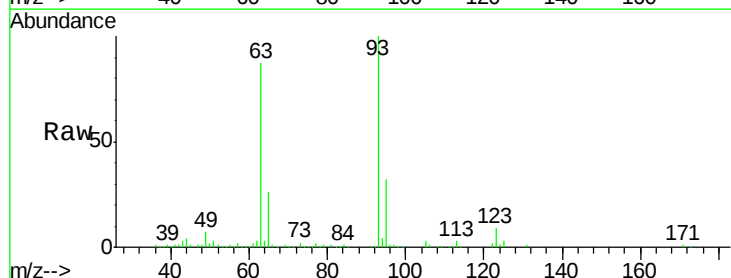
Manual Integrations
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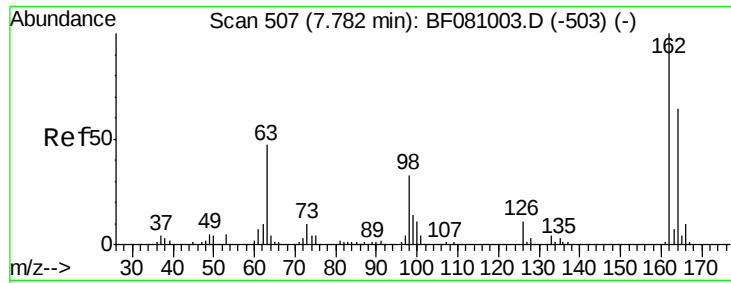
MMDadoda
 8/31/2015 1:59:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.00 ng
 RT: 7.54 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	202042		
95	31.9	25.8	38.8	
123	8.5	7.4	11.0	





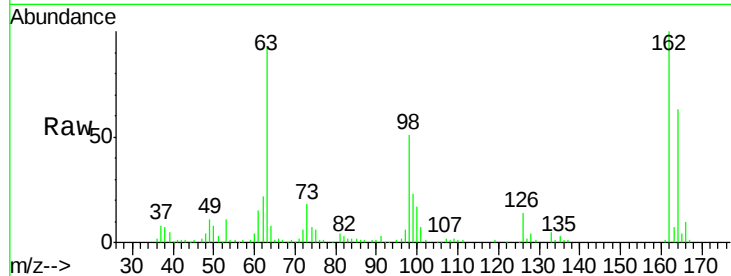
#29
2,4-Dichlorophenol
Concen: 35.53 ng
RT: 7.65 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

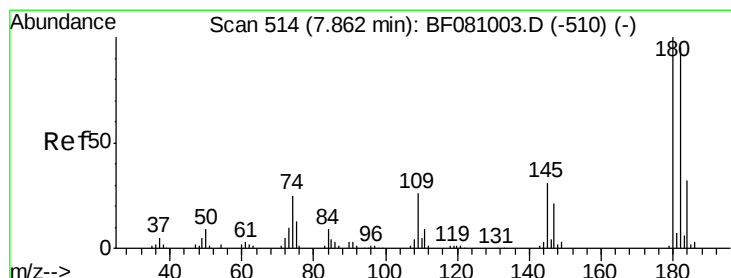
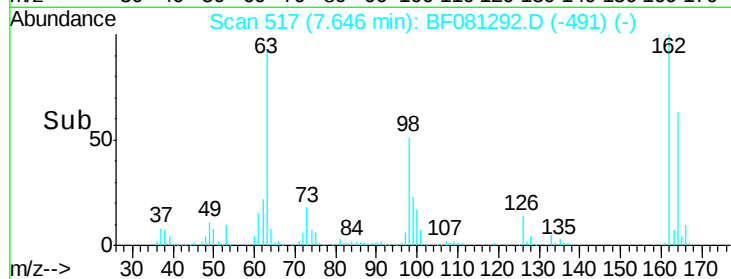
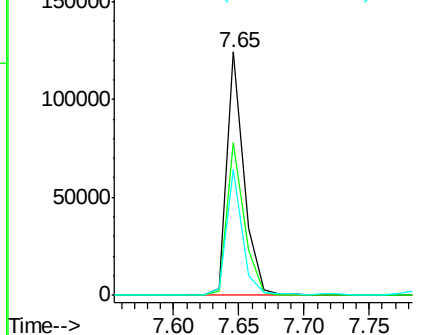
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	43.2	83.2
98	51.5	12.3	52.3

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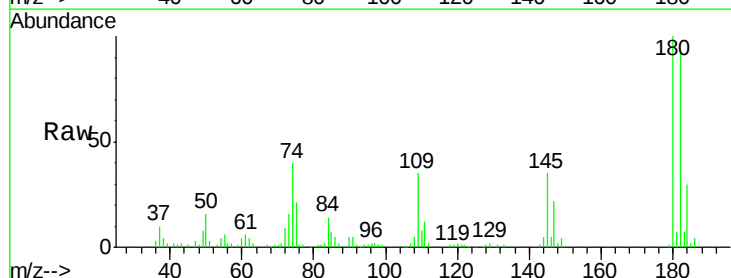


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

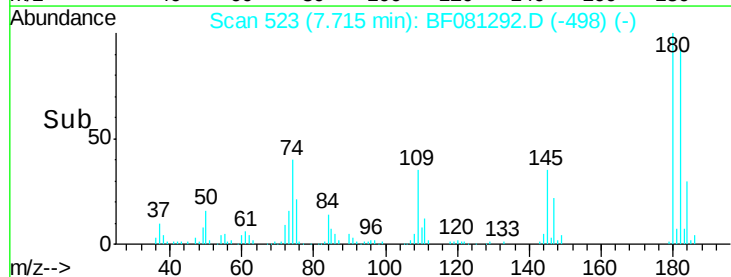
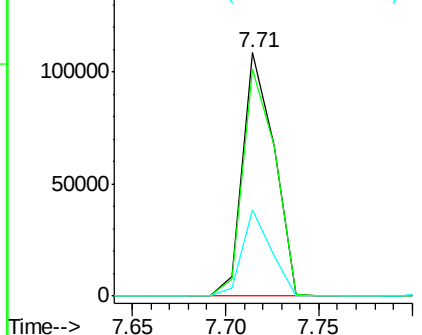


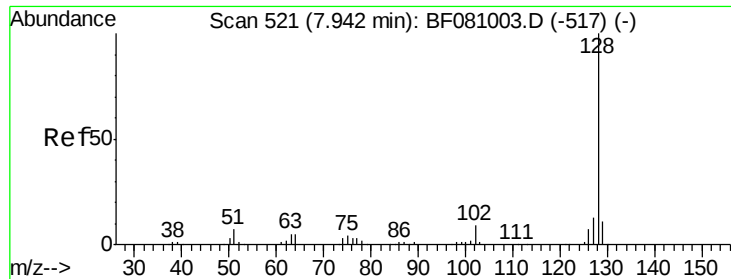
#30
1,2,4-Trichlorobenzene
Concen: 35.61 ng
RT: 7.71 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.2	76.4	114.6
145	35.3	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





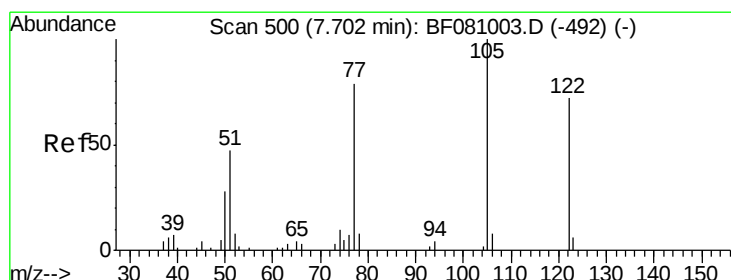
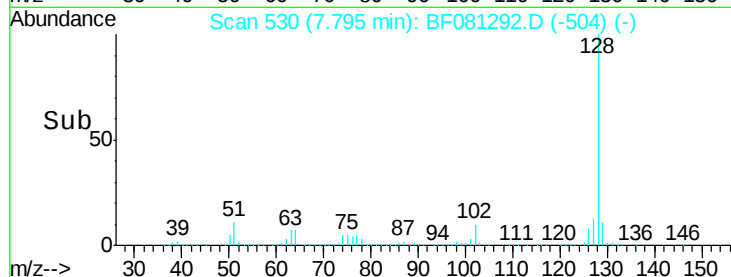
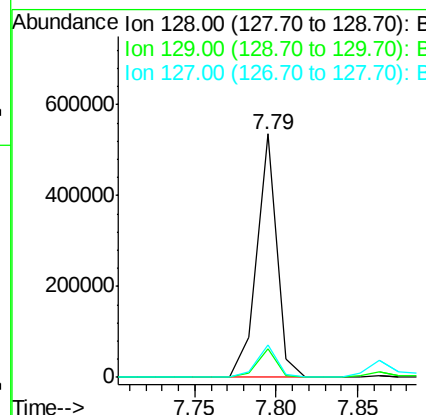
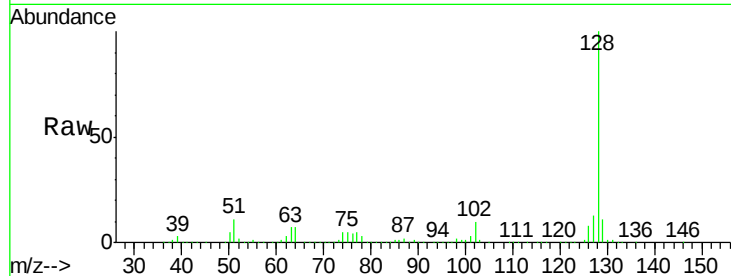
#31
Naphthalene
Concen: 36.38 ng
RT: 7.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.4	12.6
127	13.3	10.6	16.0

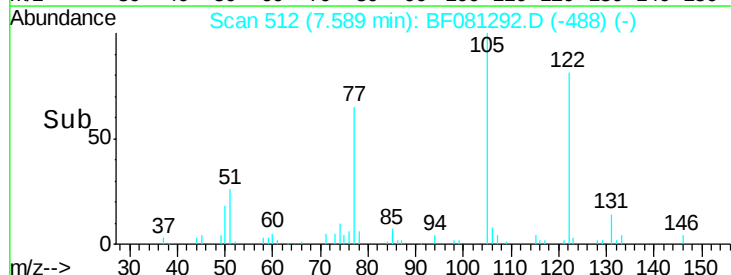
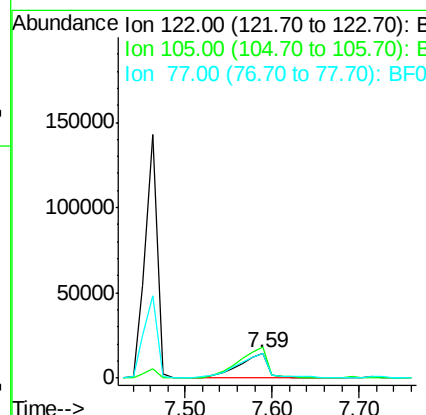
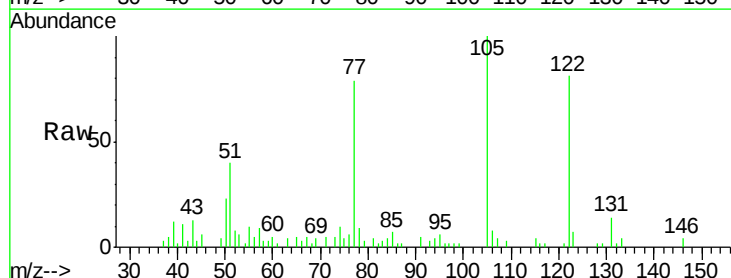
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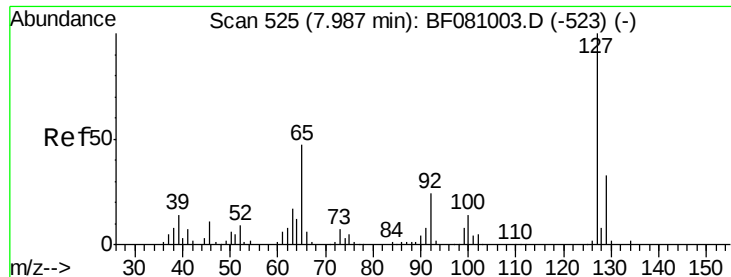
MMDadoda
8/31/2015 1:59:27 PM



#32
Benzoic acid
Concen: 16.05 ng
RT: 7.59 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	123.2	113.8	153.8
77	96.9	93.8	133.8





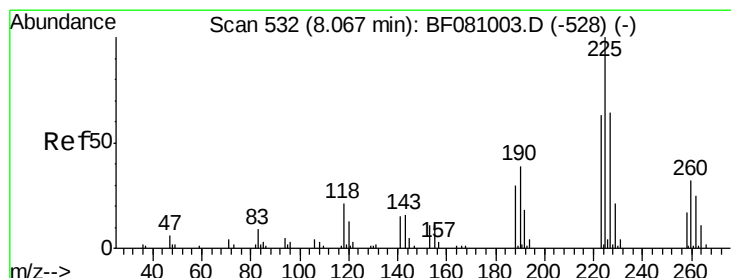
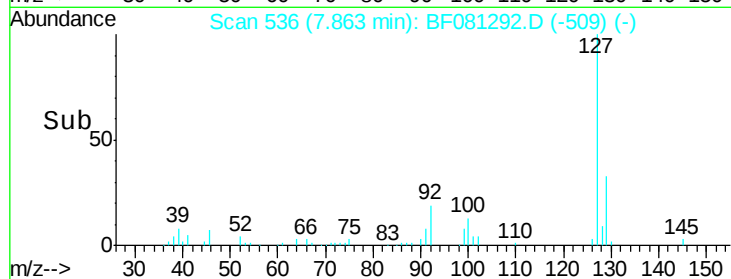
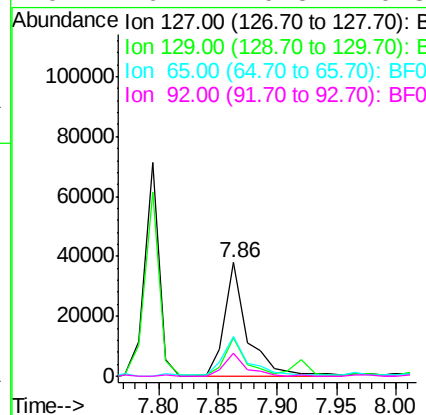
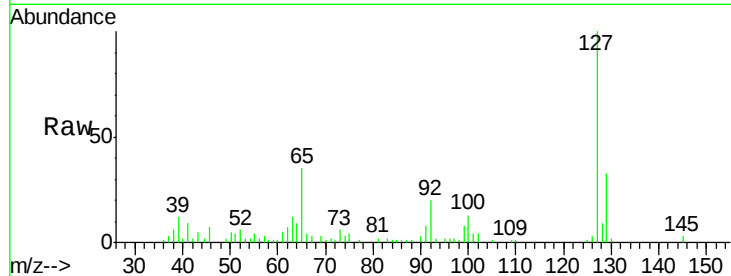
#33
 4-Chloroaniline
 Concen: 9.66 ng
 RT: 7.86 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	51428		
129	33.5	25.2	37.8	
65	34.7	37.8	56.6	
92	20.1	19.5	29.3	

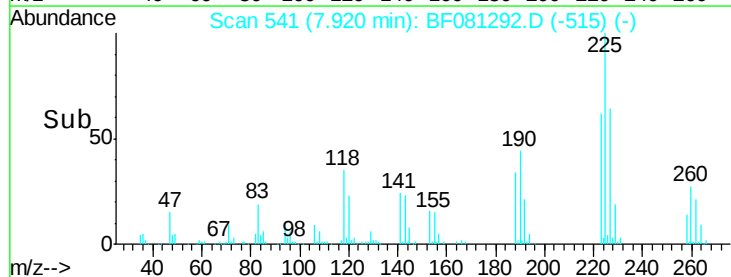
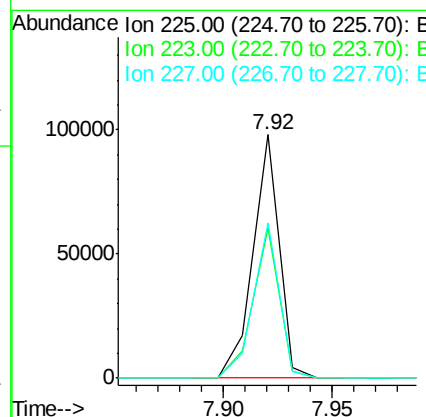
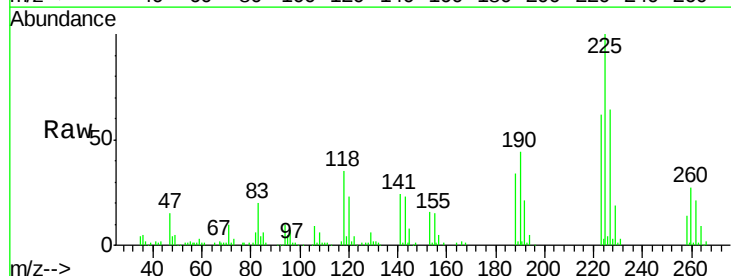
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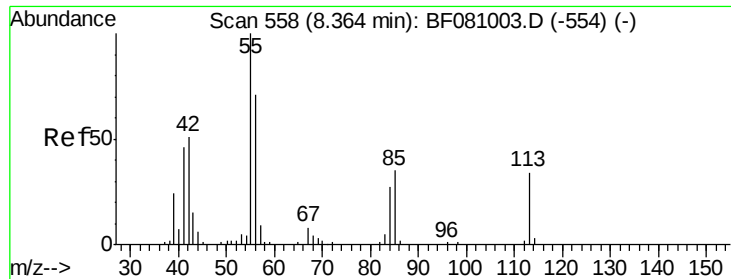
MMDadoda
 8/31/2015 1:59:27 PM



#34
 Hexachlorobutadiene
 Concen: 40.66 ng
 RT: 7.92 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82030		
223	61.6	52.6	79.0	
227	63.7	51.1	76.7	





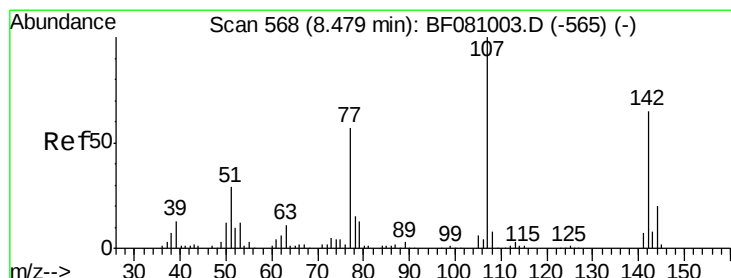
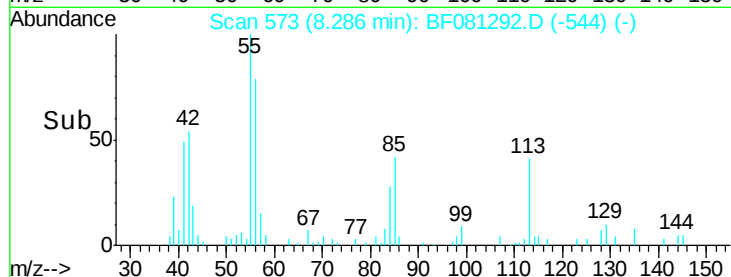
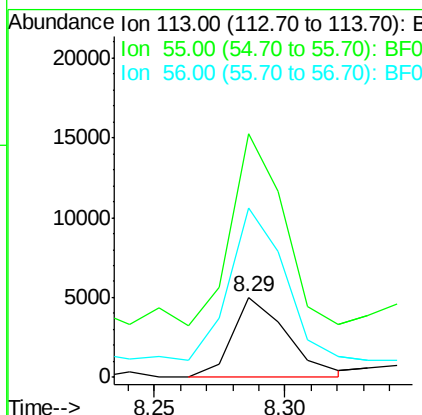
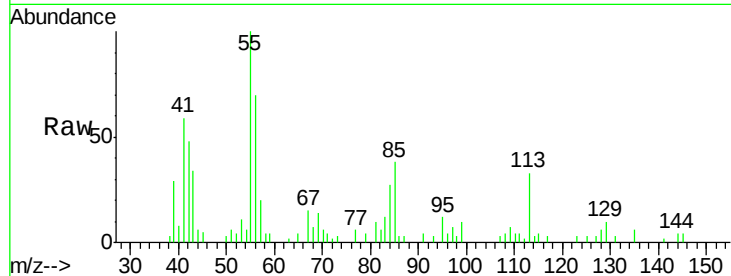
#35
 Caprolactam
 Concen: 6.60 ng
 RT: 8.29 min Scan# 573
 Delta R.T. 0.03 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	302.9	280.4	320.4
56	210.9	205.9	245.9

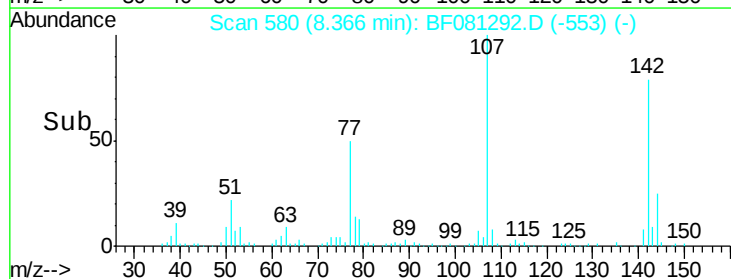
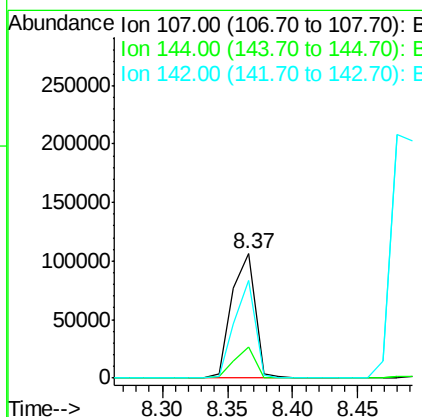
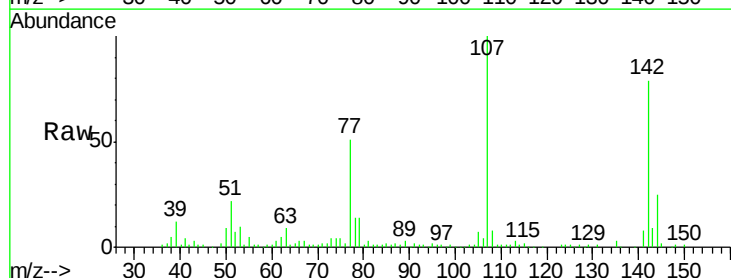
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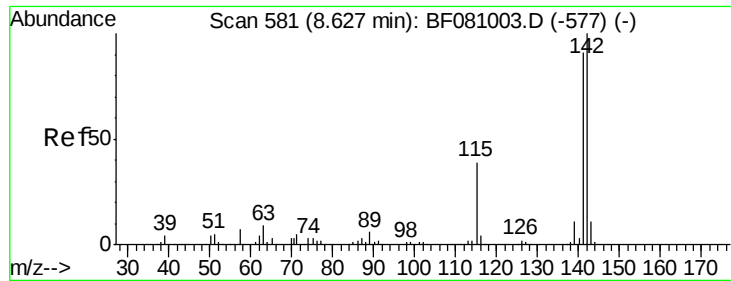
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 8/31/2015 1:59:27 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.28 ng
 RT: 8.37 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	17.2	25.8
142	79.2	54.9	82.3





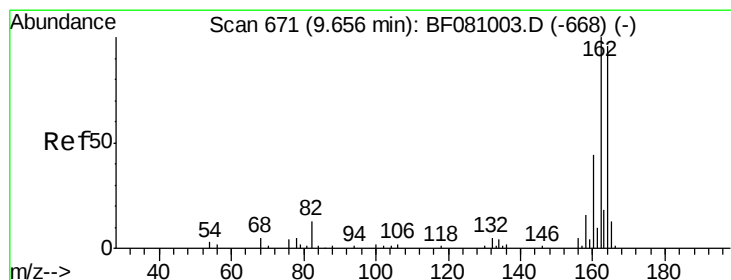
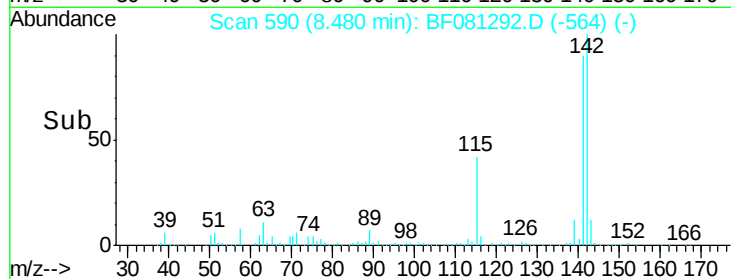
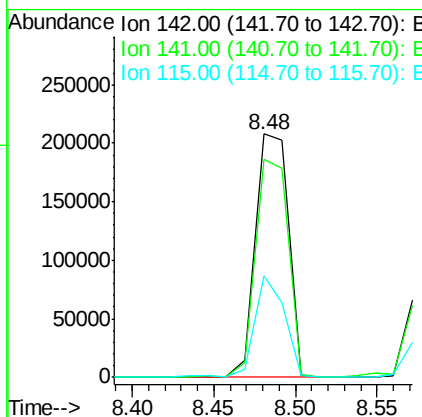
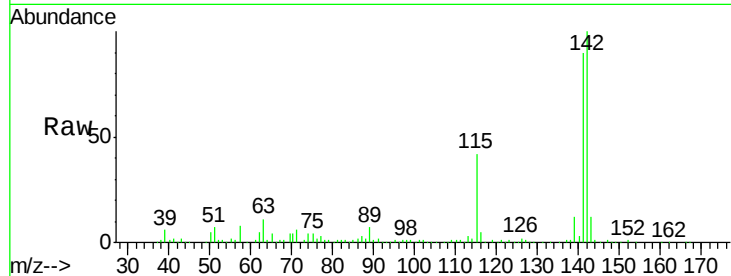
#37
 2-Methylnaphthalene
 Concen: 36.82 ng
 RT: 8.48 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	293539		
141	89.5	71.4	107.2	
115	41.8	33.4	50.0	

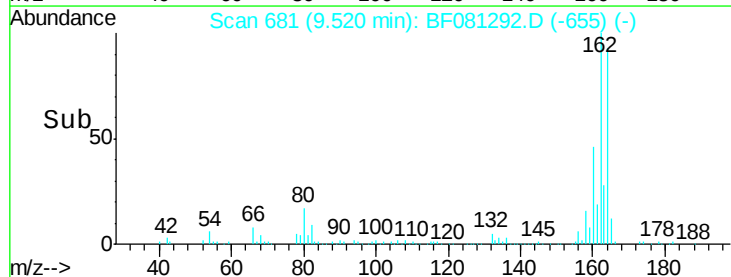
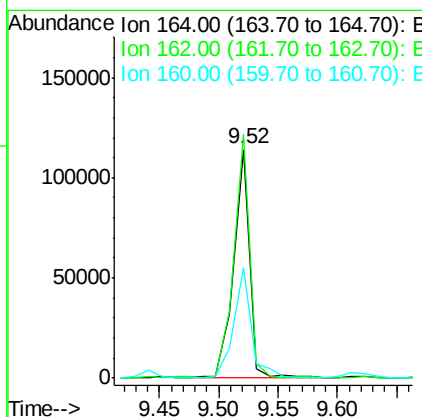
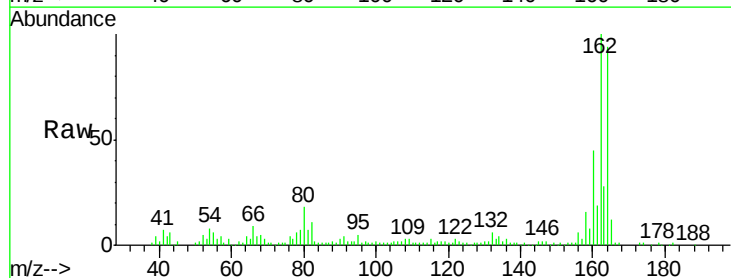
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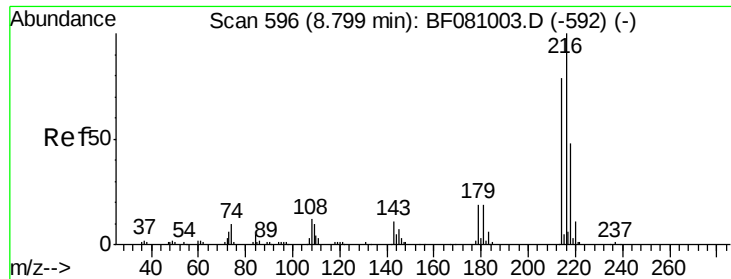
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105148		
162	106.6	83.8	125.8	
160	48.3	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.15 ng

RT: 8.65 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

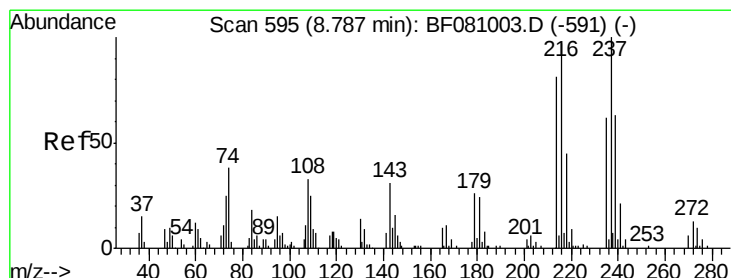
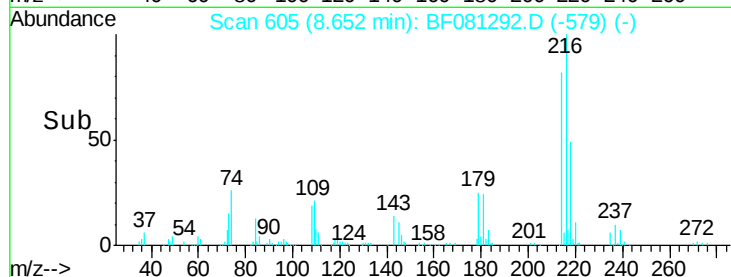
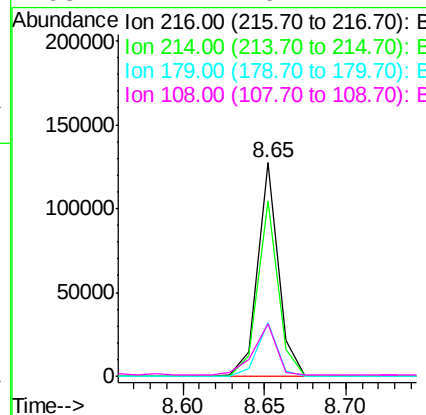
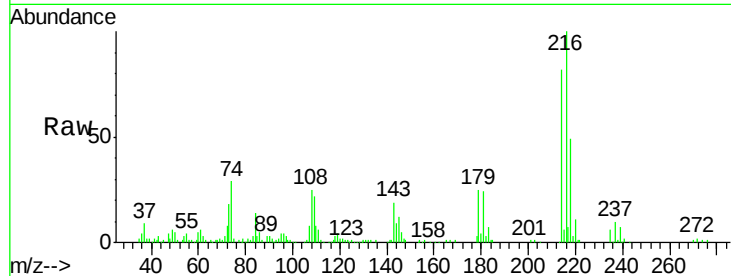
ClientSampleId :

MW-04MSD

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Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	81.4	63.8	95.8
179	24.0	17.8	26.8
108	27.2	16.2	24.2



#40

Hexachlorocyclopentadiene

Concen: 51.57 ng

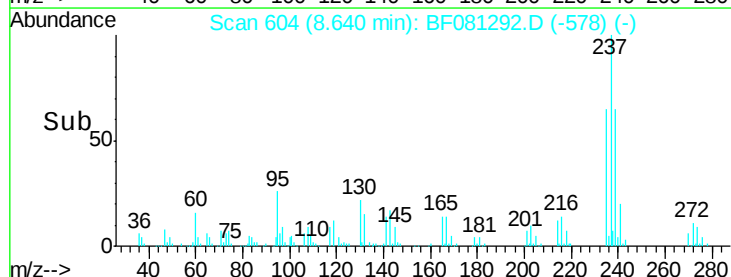
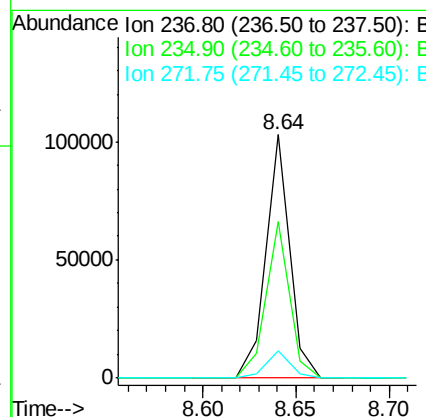
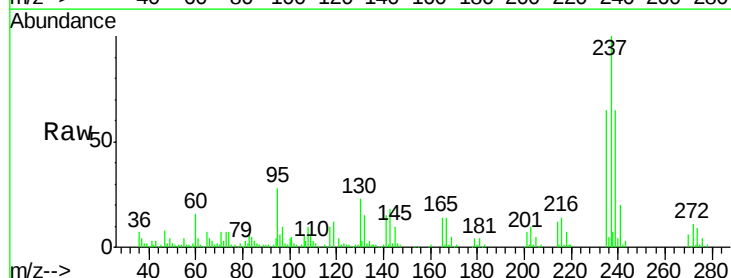
RT: 8.64 min Scan# 604

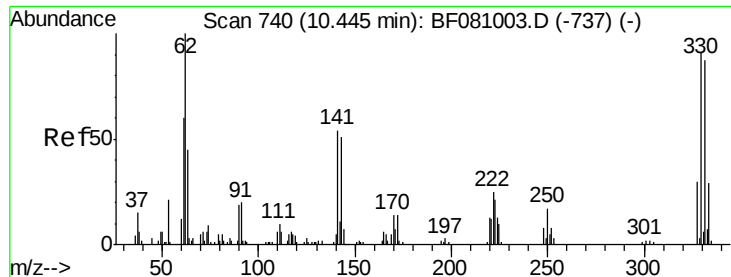
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	43.6	83.6
272	11.0	0.0	32.2





#41

2,4,6-Tribromophenol

Concen: 95.38 ng

RT: 10.31 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF081292.D

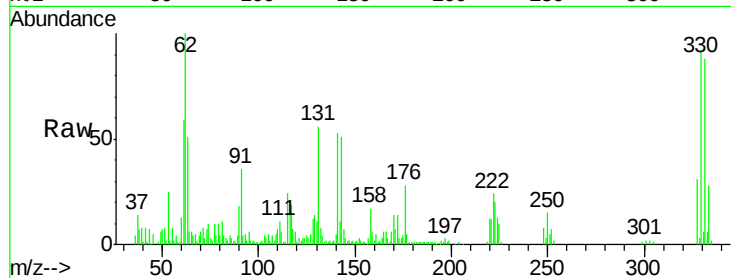
Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

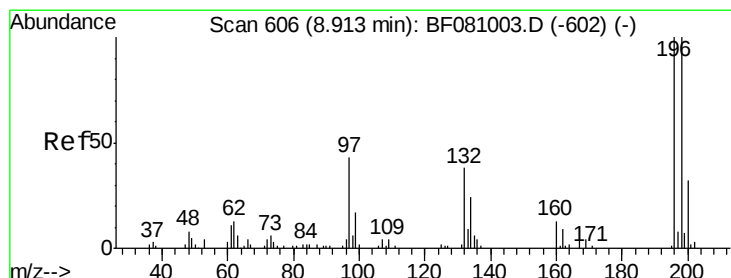
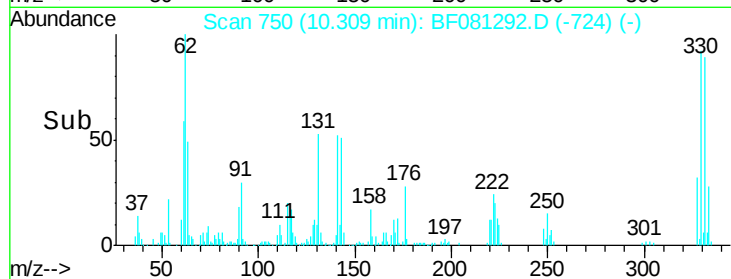
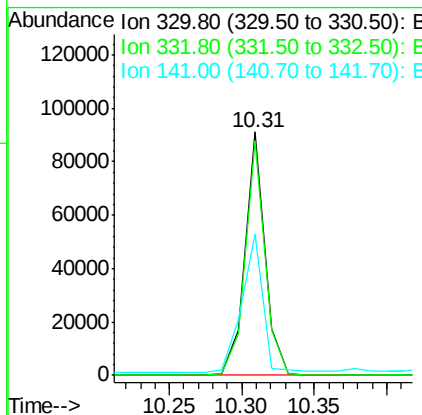
MW-04MSD



Tgt Ion:	330	Resp:	86932
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	59.8	44.9	67.3

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#42

2,4,6-Trichlorophenol

Concen: 36.29 ng

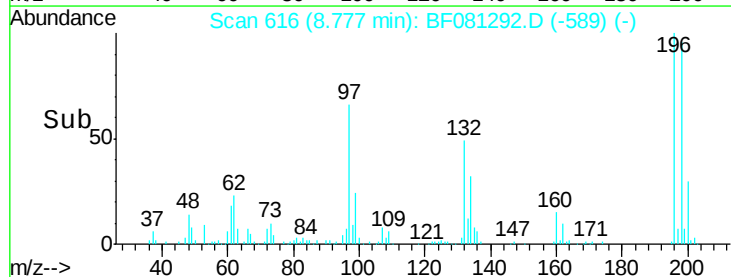
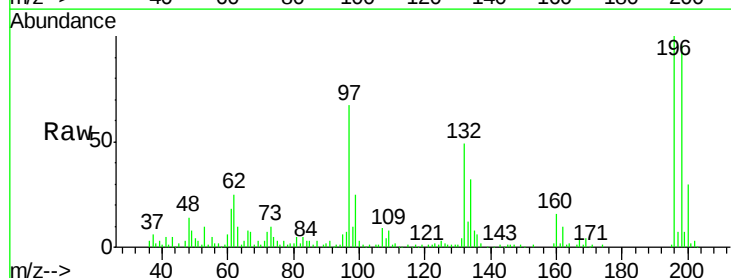
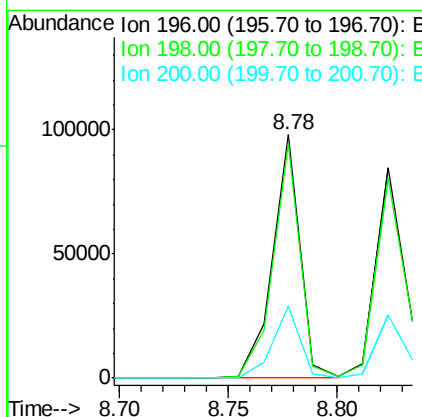
RT: 8.78 min Scan# 616

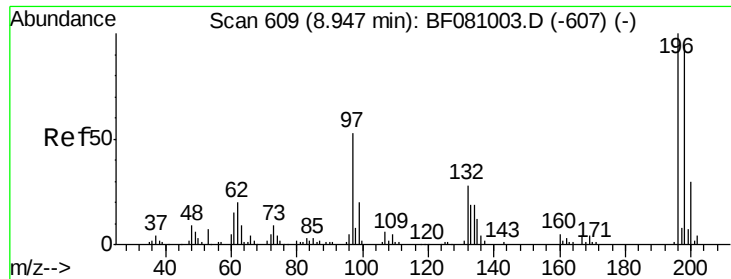
Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

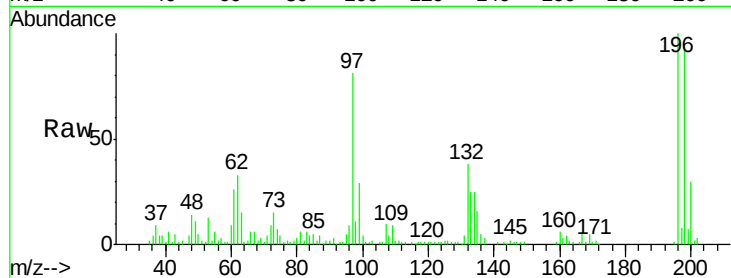
Tgt Ion:	196	Resp:	86971
Ion Ratio	Lower	Upper	
196	100		
198	96.3	74.6	111.8
200	29.6	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 32.96 ng
 RT: 8.82 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

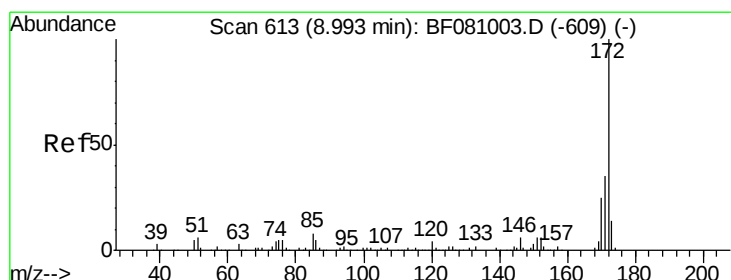
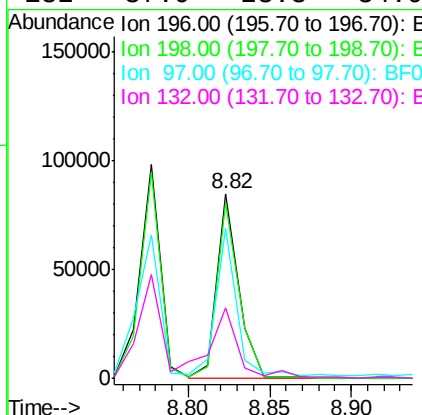
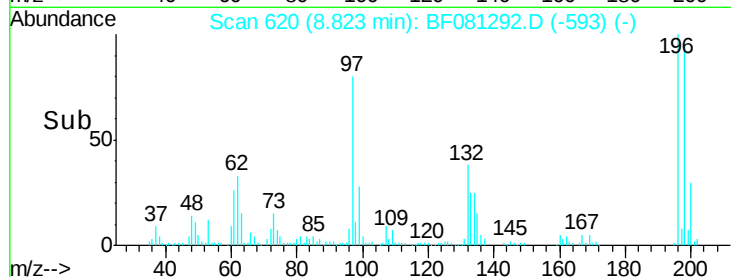
Instrument :
 BNA_F
 ClientSampled :
 MW-04MSD



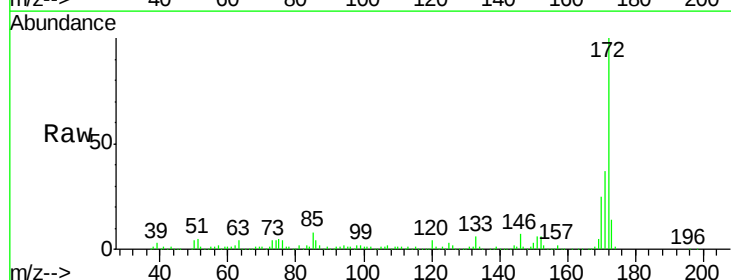
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	78955		
198	94.7	78.3	117.5	
97	81.0	42.7	64.1#	
132	37.9	23.3	34.9#	

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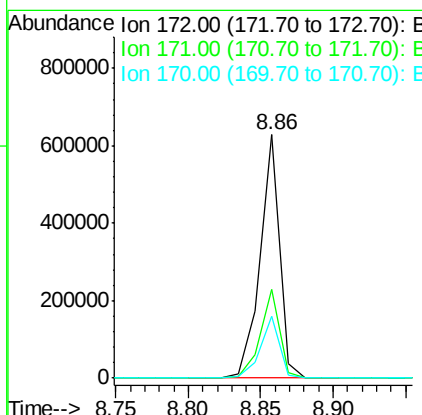
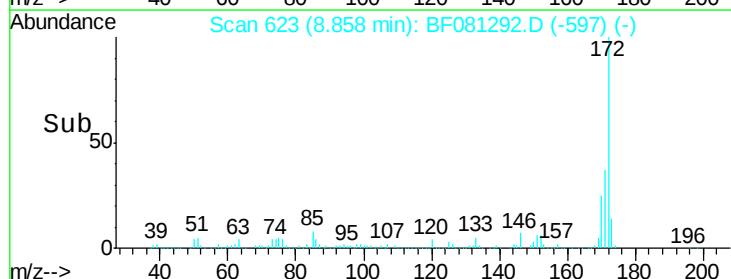
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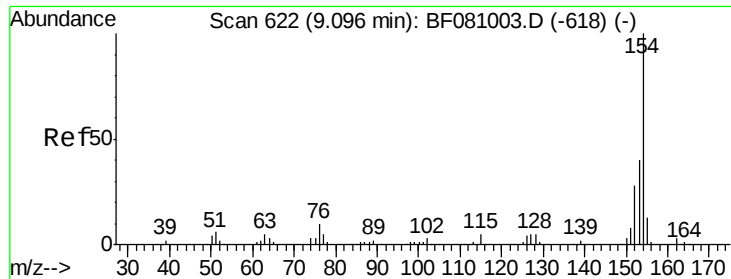


#44
 2-Fluorobiphenyl
 Concen: 73.11 ng
 RT: 8.86 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	586738		
171	36.6	28.9	43.3	
170	25.2	19.4	29.2	





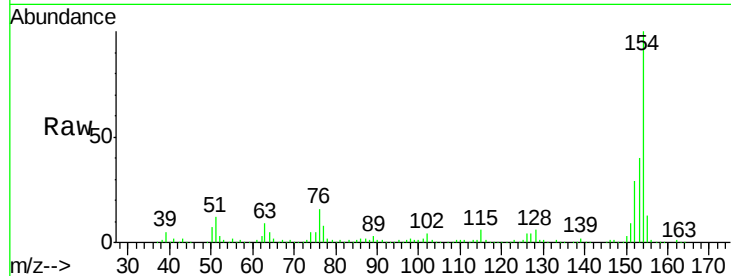
#45
 1,1'-Biphenyl
 Concen: 36.03 ng
 RT: 8.95 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

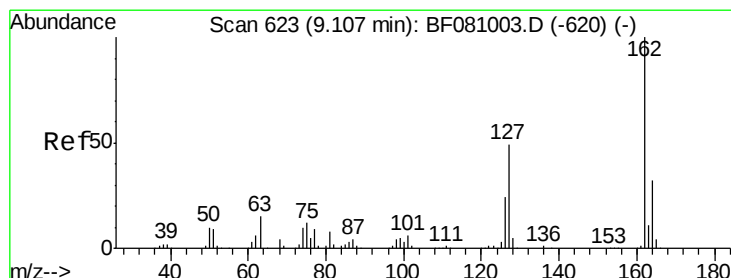
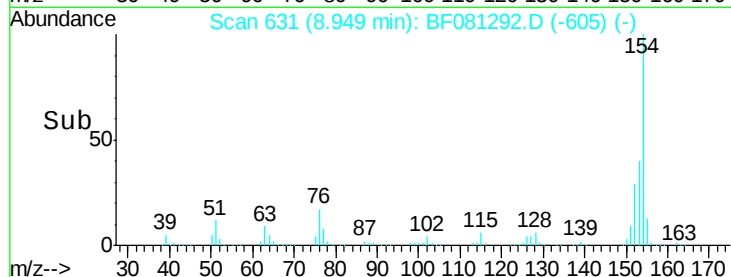
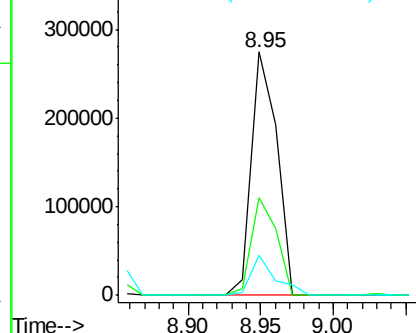
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	19.5	59.5	
76	16.5	0.0	29.3	

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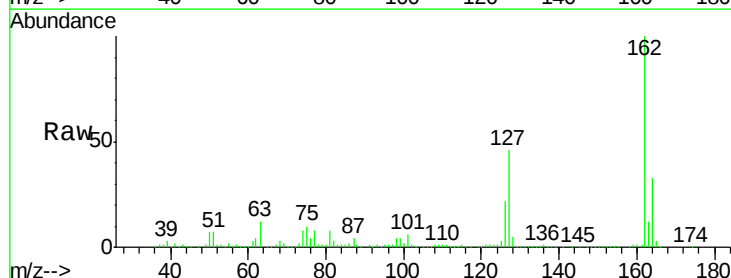


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

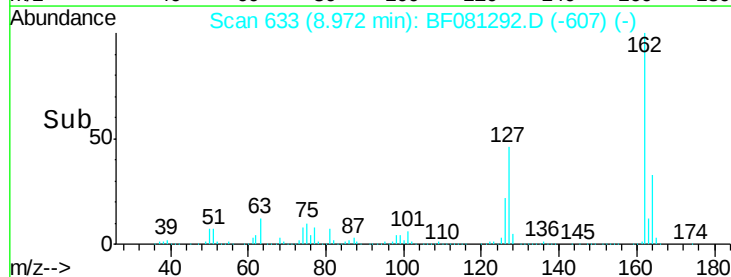
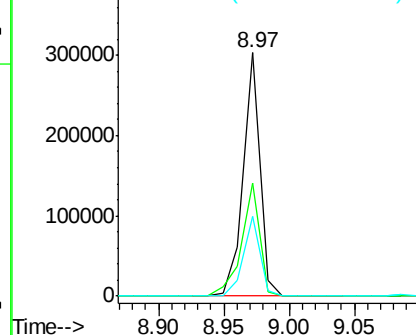


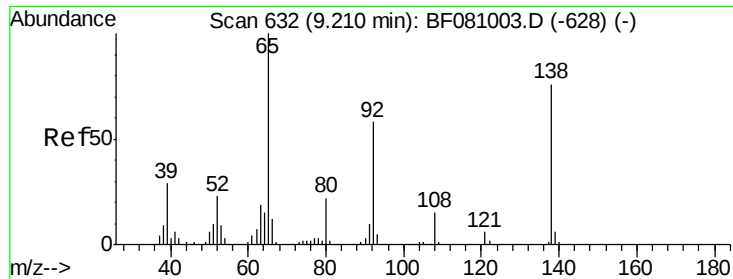
#46
 2-Chloronaphthalene
 Concen: 35.87 ng
 RT: 8.97 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.3	31.3	46.9	
164	32.7	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: 38.97 ng

RT: 9.09 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF081292.D

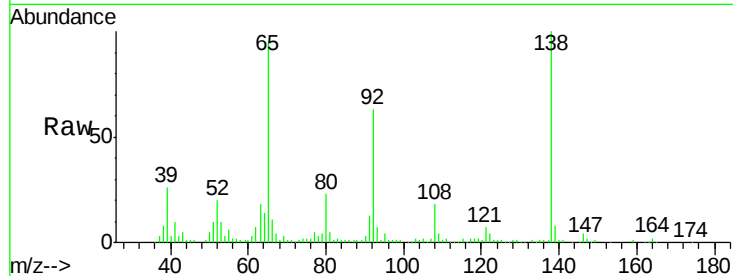
Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

MW-04MSD



Tgt Ion: 65 Resp: 118672

Ion Ratio Lower Upper

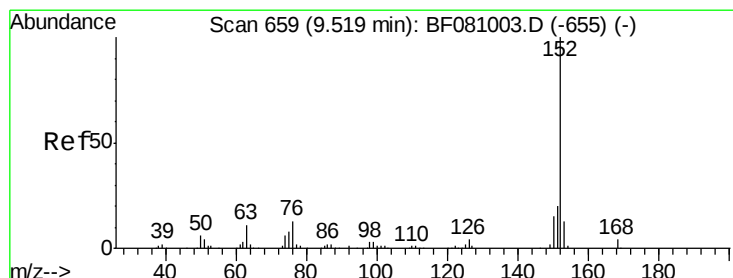
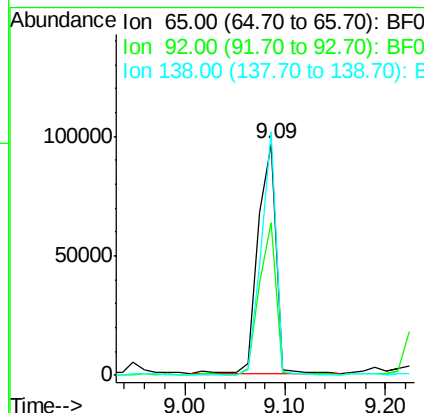
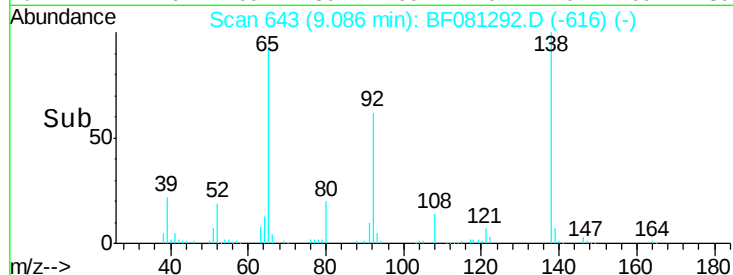
65 100

92 66.3 45.6 68.4

138 105.4 57.9 86.9#

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#48

Acenaphthylene

Concen: 34.33 ng

RT: 9.38 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

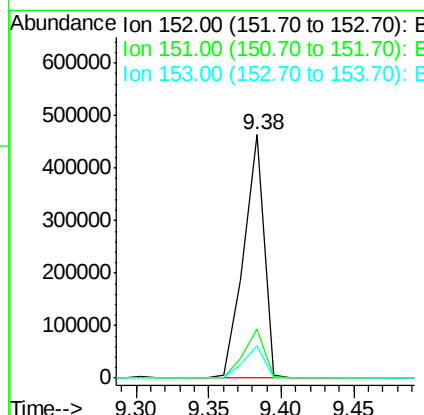
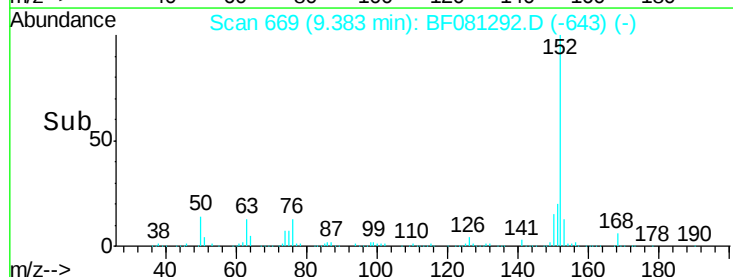
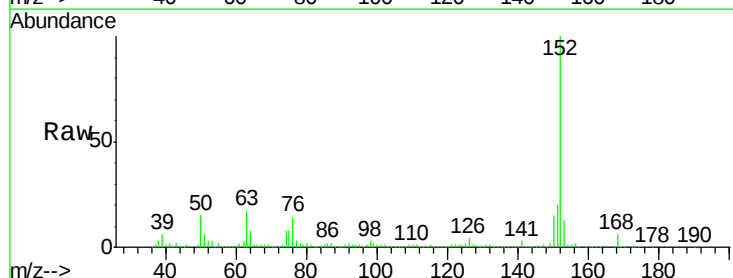
Tgt Ion: 152 Resp: 456978

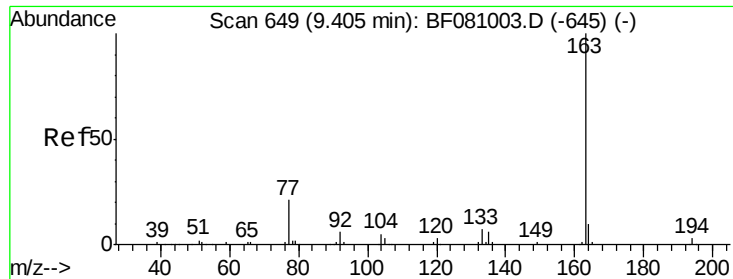
Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.3 9.8 14.6





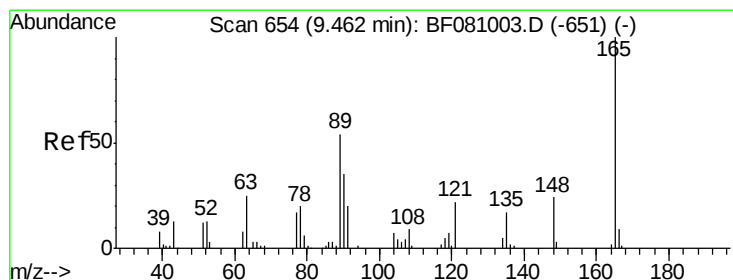
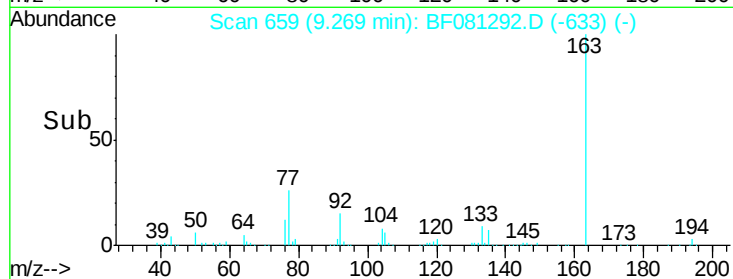
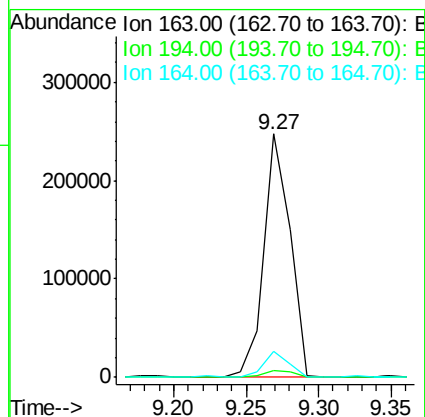
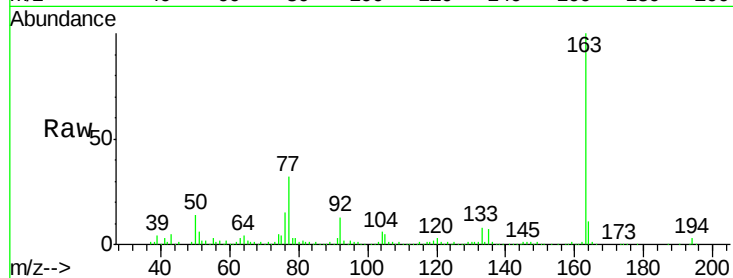
#49
Dimethylphthalate
Concen: 35.55 ng
RT: 9.27 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.5	3.7
164	10.8	8.1	12.1

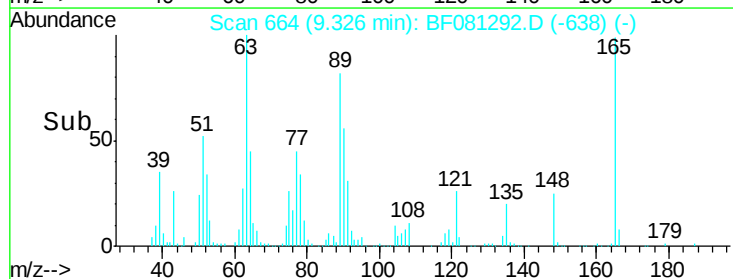
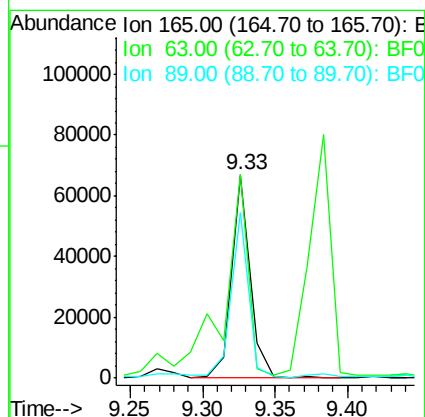
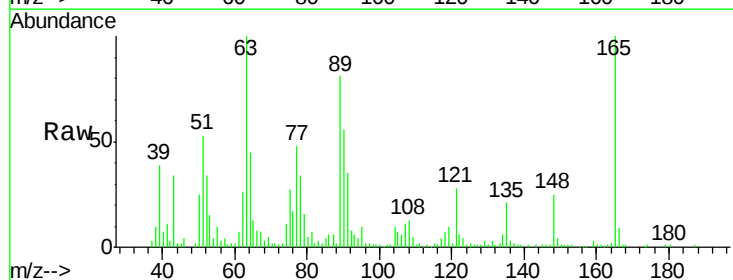
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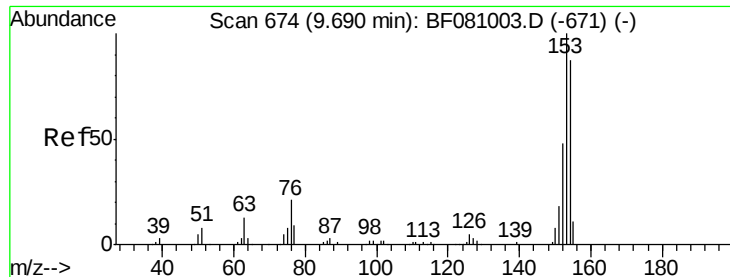
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#50
2,6-Dinitrotoluene
Concen: 32.06 ng
RT: 9.33 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	100.0	49.5	74.3#
89	81.5	47.6	71.4#





#51

Acenaphthene

Concen: 34.86 ng

RT: 9.55 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

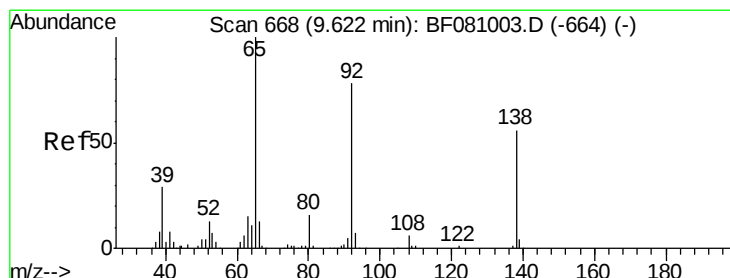
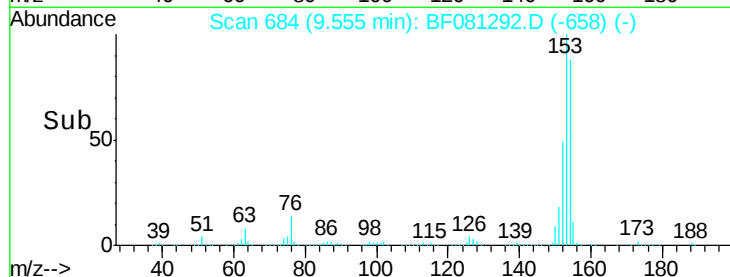
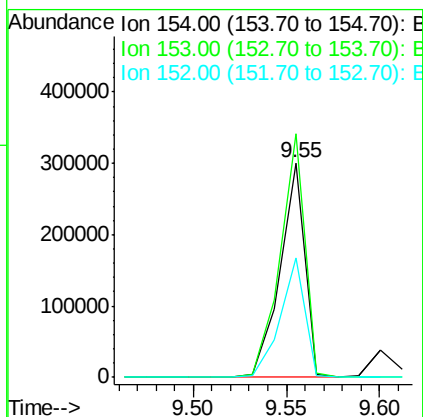
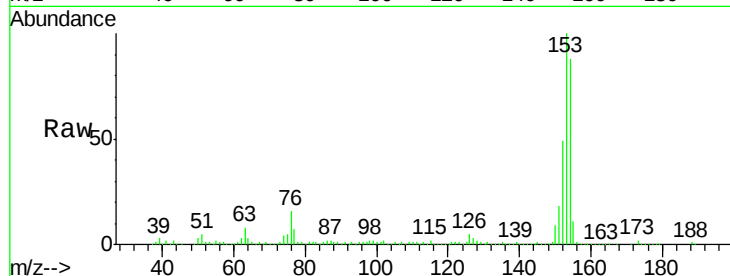
ClientSampleId :

MW-04MSD

Tgt Ion:	154	Resp:	277777
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.4	137.2
152	55.7	43.7	65.5

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#52

3-Nitroaniline

Concen: 15.48 ng

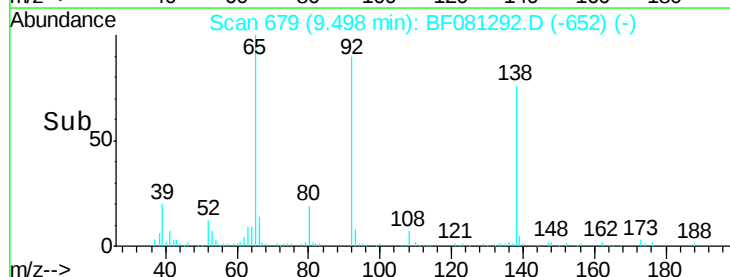
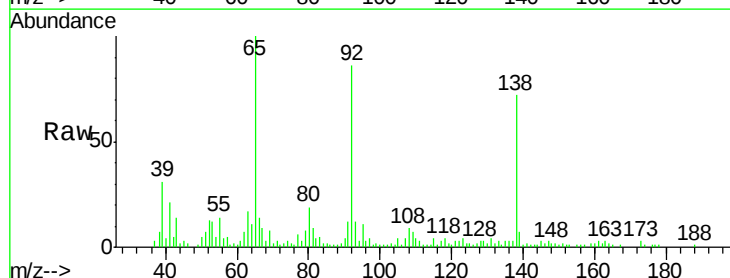
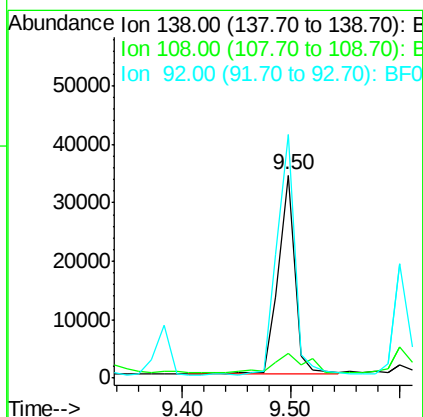
RT: 9.50 min Scan# 679

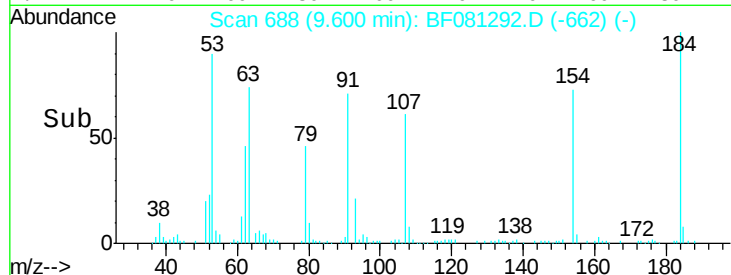
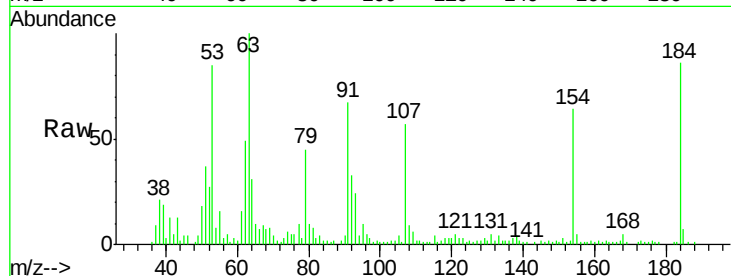
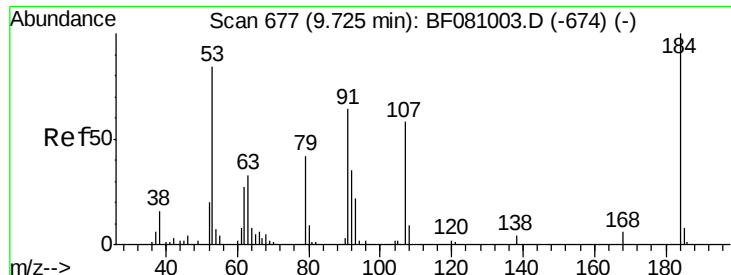
Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	138	Resp:	36007
Ion Ratio	Lower	Upper	
138	100		
108	12.5	9.4	14.2
92	119.9	113.2	169.8





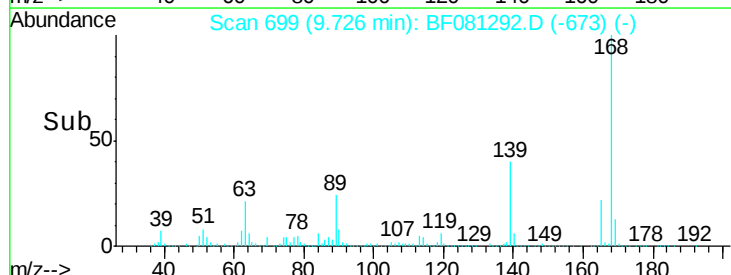
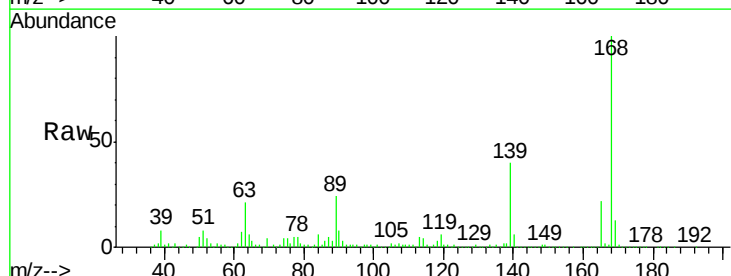
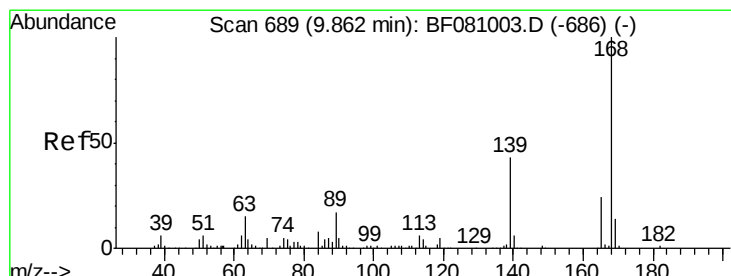
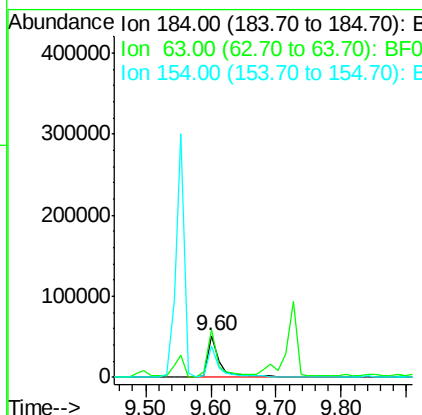
#53
2,4-Dinitrophenol
Concen: 70.15 ng
RT: 9.60 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	70693		
63	115.9	101.7	152.5	
154	74.6	67.4	101.0	

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

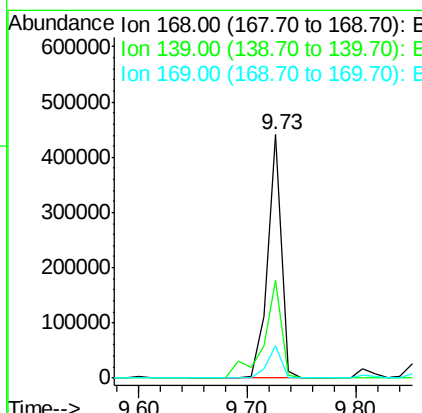
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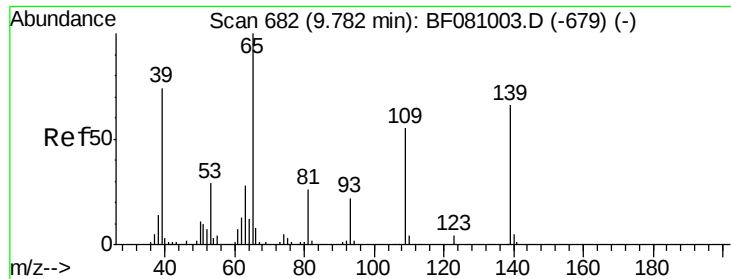
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#54
Dibenzofuran
Concen: 36.77 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	392569		
139	40.2	29.3	43.9	
169	13.5	10.3	15.5	





#55

4-Nitrophenol

Concen: 22.19 ng m

RT: 9.69 min Scan# 696

Delta R.T. 0.02 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

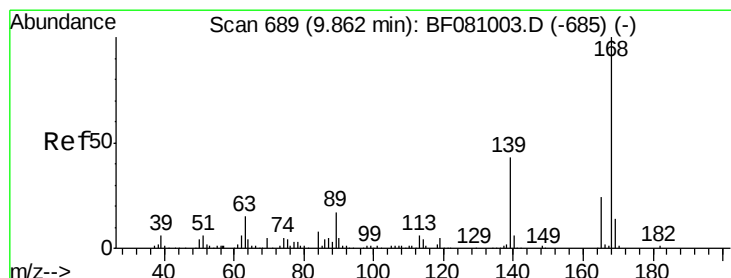
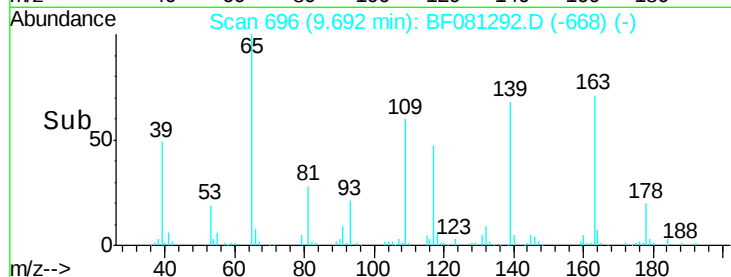
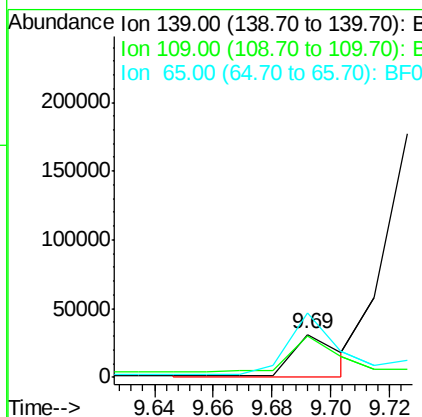
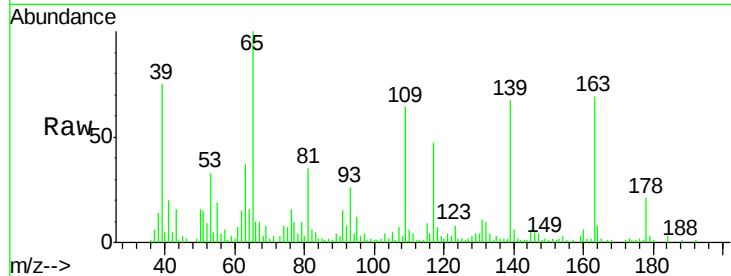
ClientSampleId :

MW-04MSD

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Tgt Ion:	139	Resp:	36260
Ion Ratio	Lower	Upper	
139	100		
109	95.1	80.0	120.0
65	149.4	138.3	178.3



#56

2,4-Dinitrotoluene

Concen: 33.56 ng

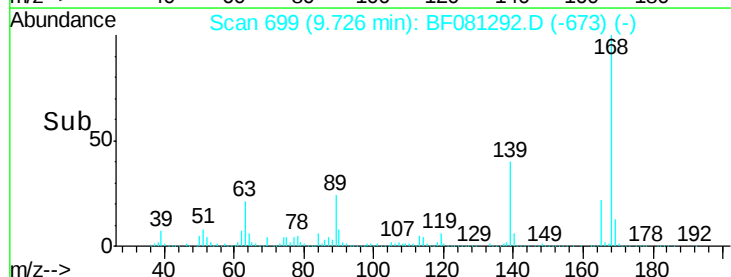
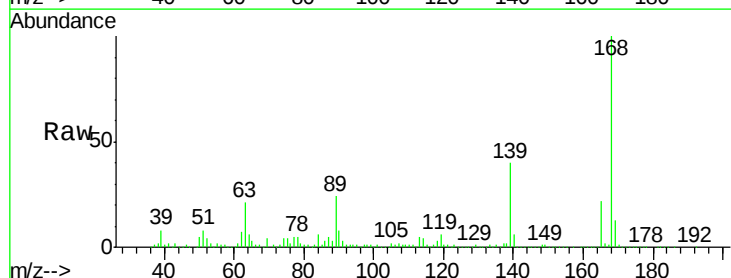
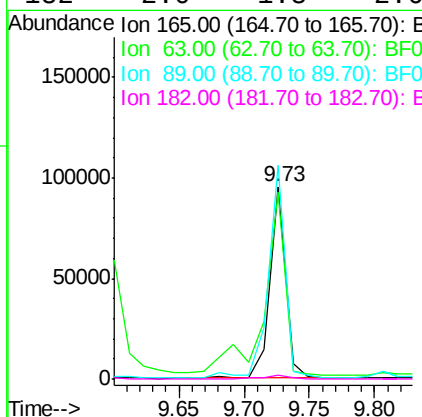
RT: 9.73 min Scan# 699

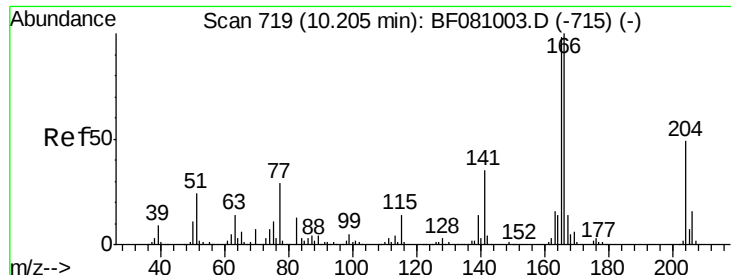
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	165	Resp:	82694
Ion Ratio	Lower	Upper	
165	100		
63	97.2	52.2	78.4#
89	110.9	60.1	90.1#
182	2.0	1.8	2.6





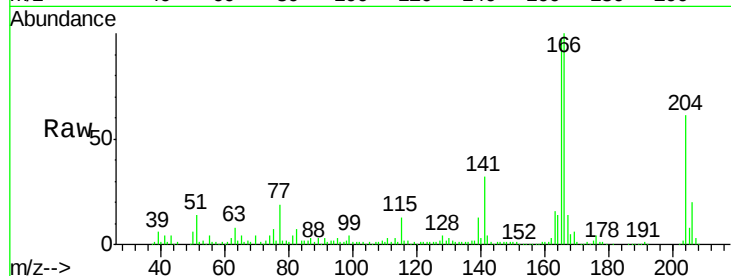
#57
Fluorene
 Concen: 35.70 ng
 RT: 10.07 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

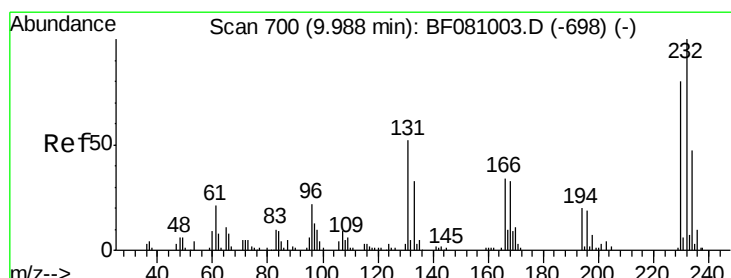
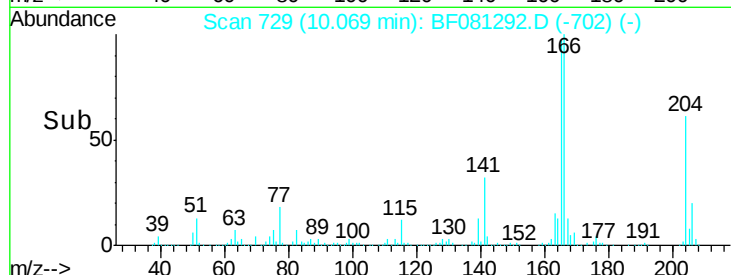
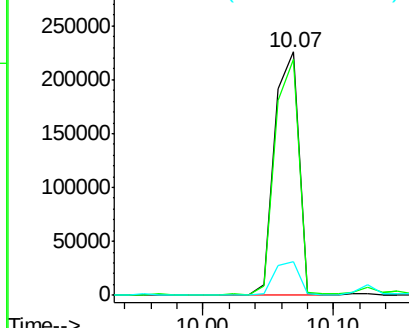
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	293248		
165	97.0	75.8	113.8	
167	13.6	11.3	16.9	

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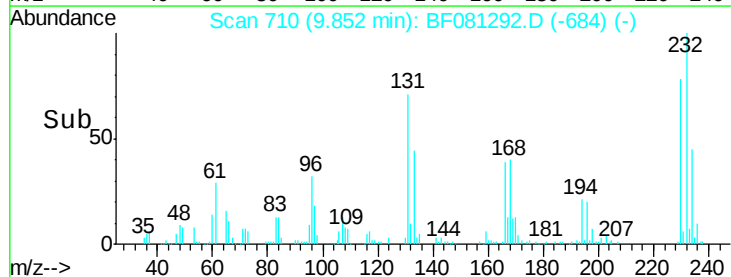
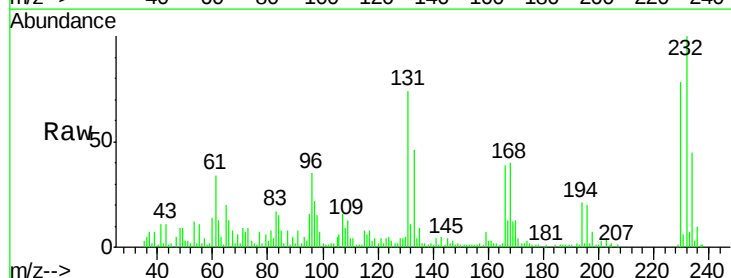
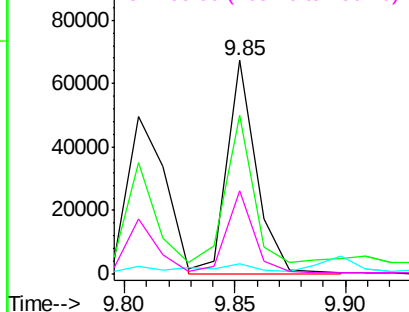
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

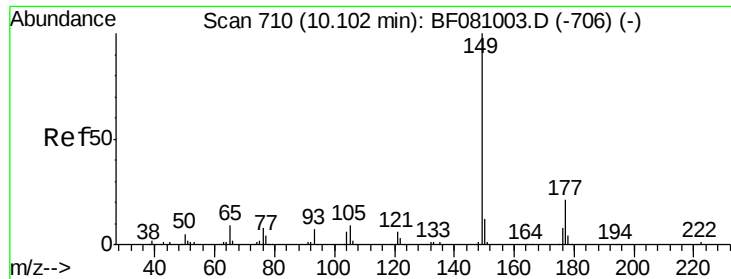


#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.81 ng m
 RT: 9.85 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	62689		
131	49.9	42.2	63.4	
130	2.7	2.1	3.1	
166	27.0	22.4	33.6	

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





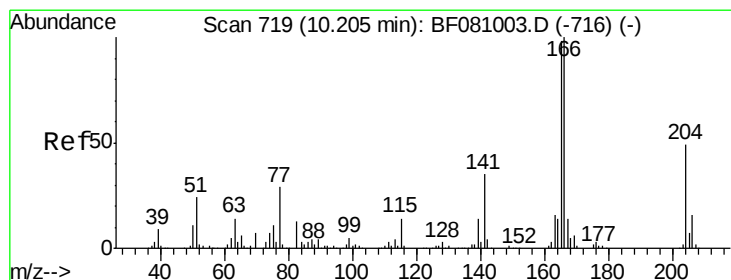
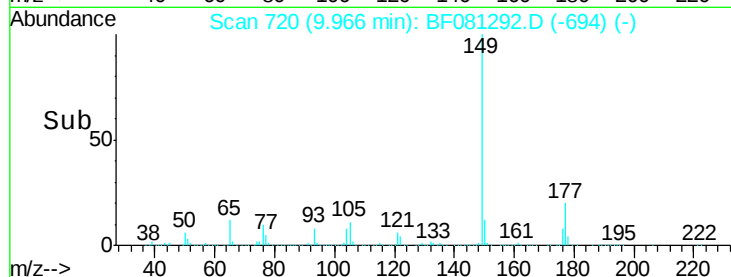
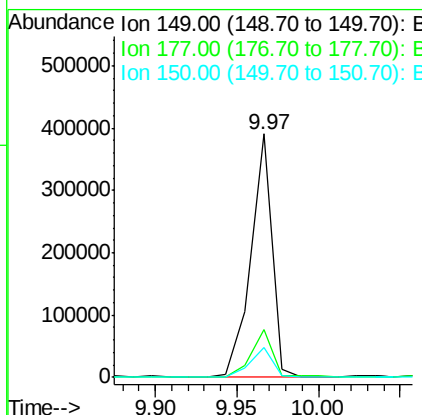
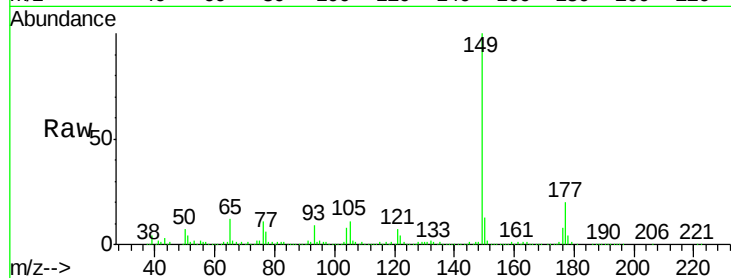
#59
Diethylphthalate
Concen: 38.12 ng
RT: 9.97 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

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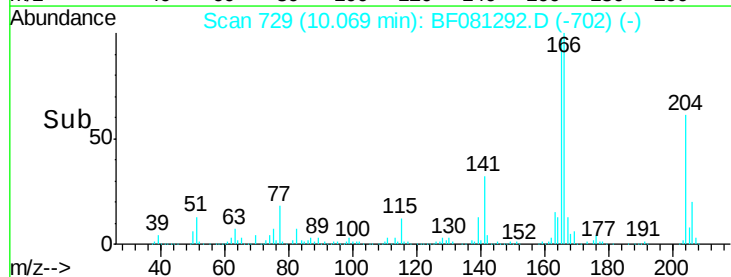
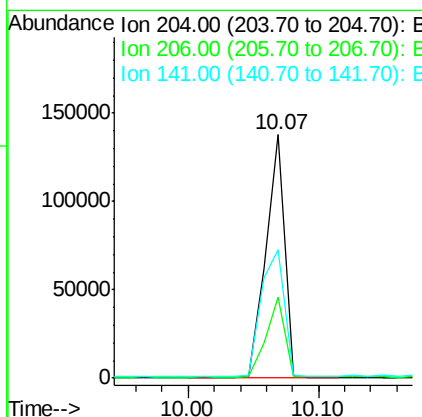
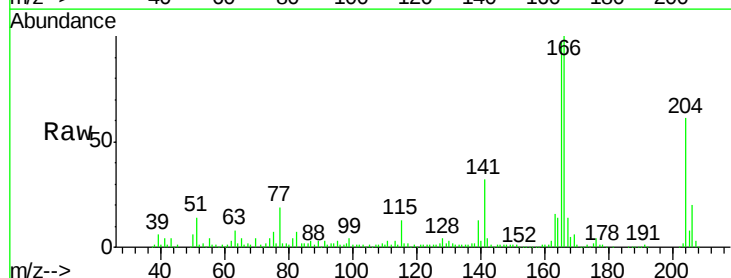
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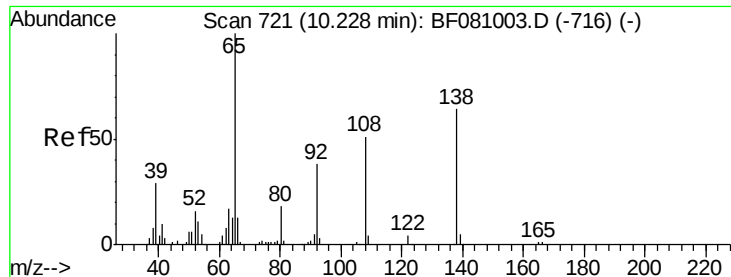
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	349383		
177	19.9	14.1	21.1	
150	12.5	10.3	15.5	



#60
4-Chlorophenyl-phenylether
Concen: 40.20 ng
RT: 10.07 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	139721		
206	33.3	26.2	39.2	
141	52.6	59.6	89.4	





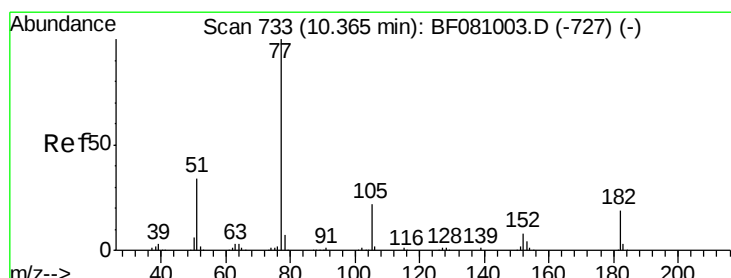
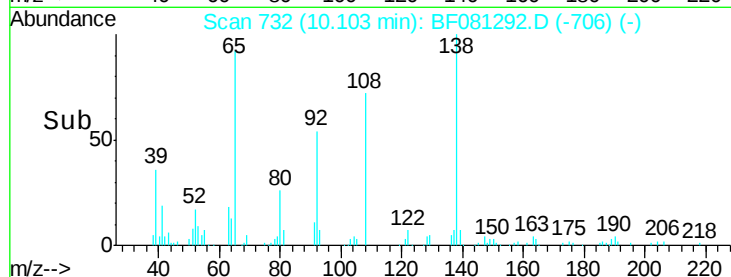
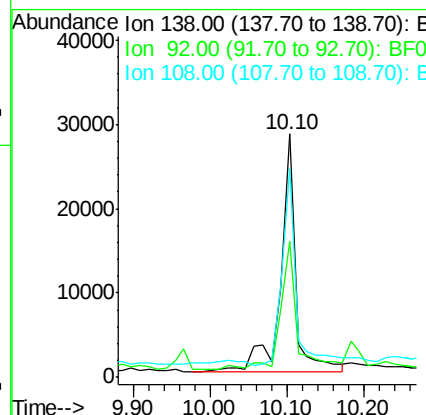
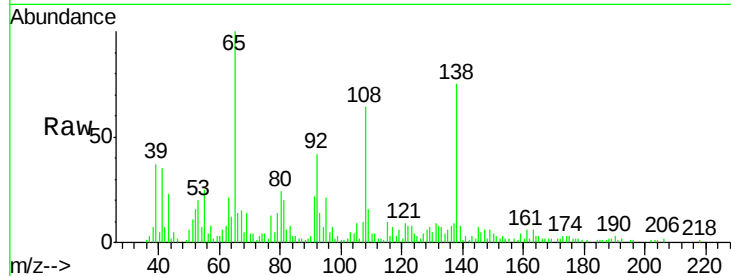
#61
4-Nitroaniline
Concen: 16.28 ng
RT: 10.10 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	38720		
92	56.0	34.7	74.7	
108	85.8	68.9	108.9	

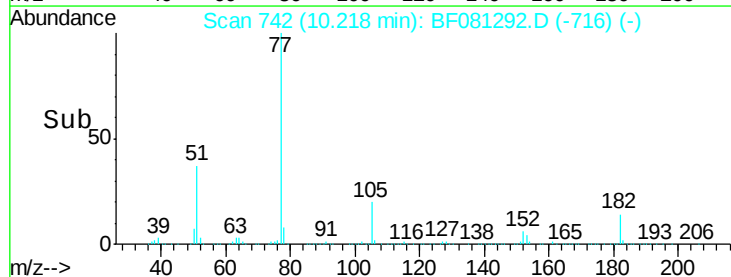
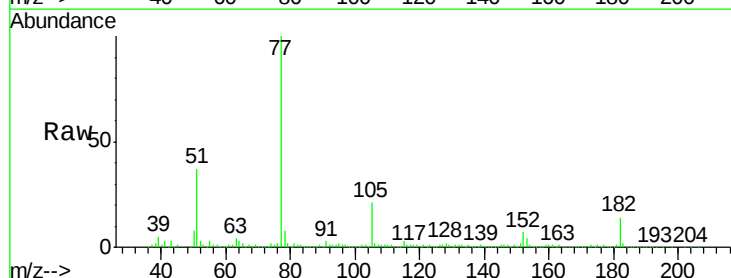
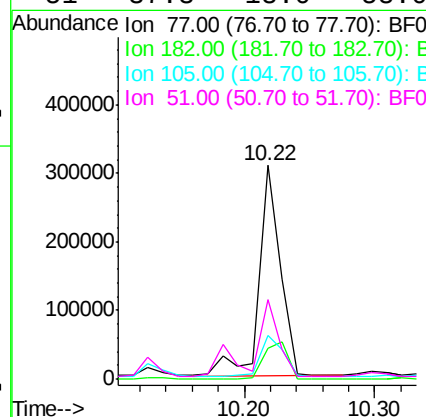
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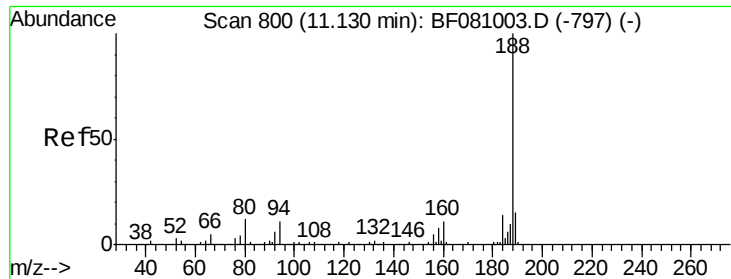
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#62
Azobenzene
Concen: 33.55 ng
RT: 10.22 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	354369		
182	14.1	0.0	39.0	
105	20.7	0.2	40.2	
51	37.3	18.0	58.0	





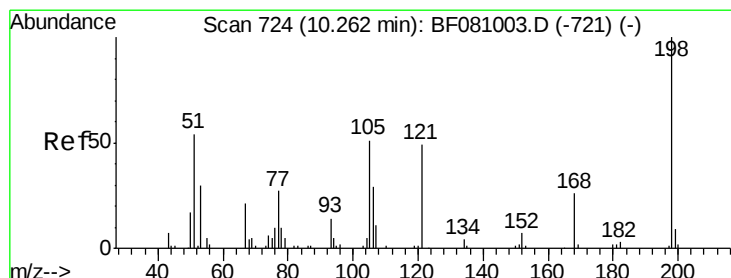
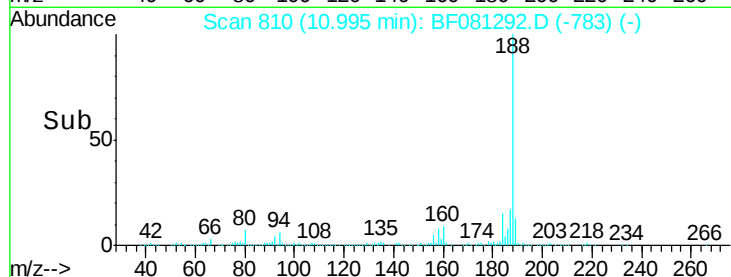
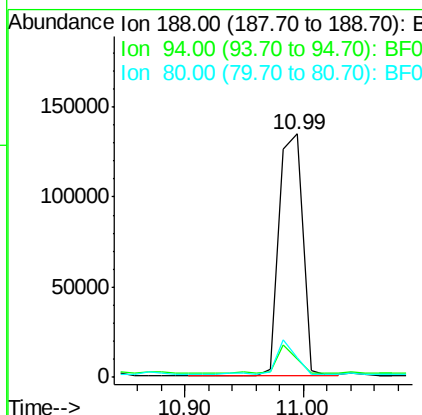
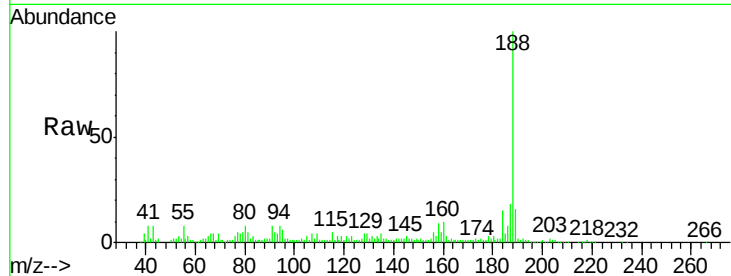
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	8.2	12.2#
80	8.1	9.5	14.3#

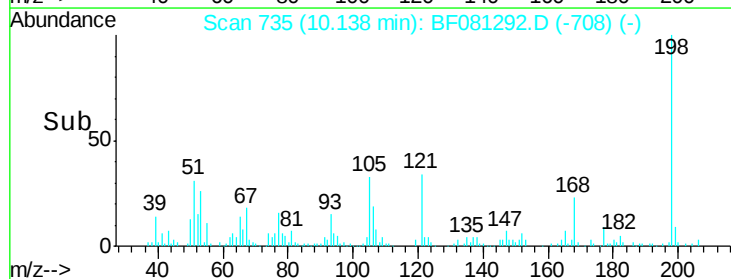
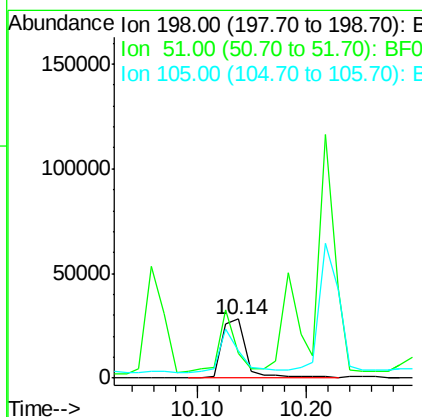
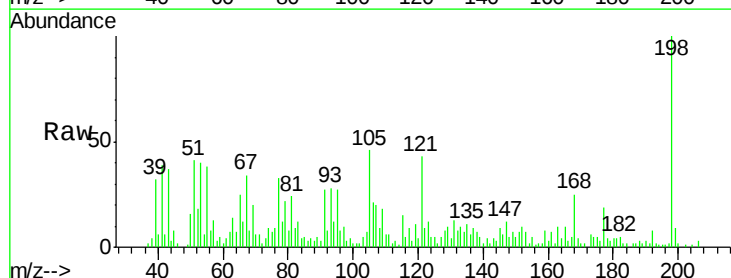
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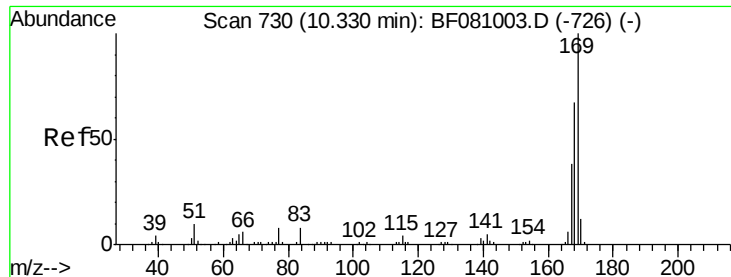
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.80 ng
RT: 10.14 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.0	79.7	119.7#
105	46.2	47.0	87.0#





#65

n-Nitrosodiphenylamine

Concen: 38.23 ng

RT: 10.19 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

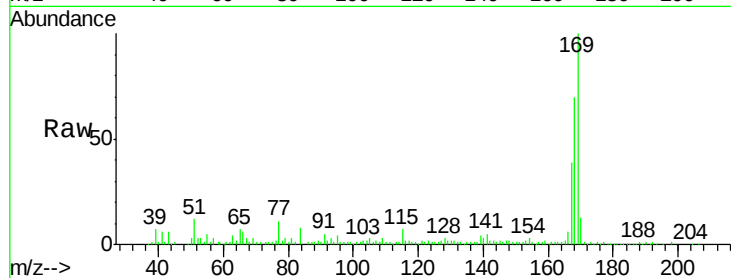
ClientSampleId :

MW-04MSD

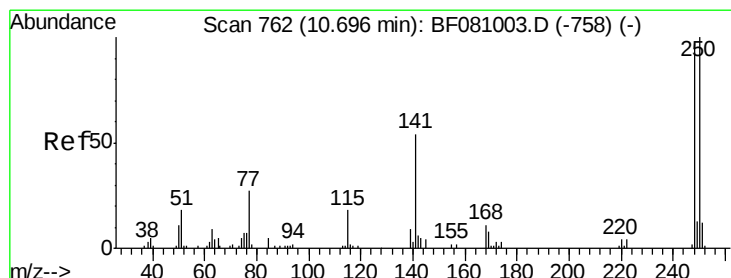
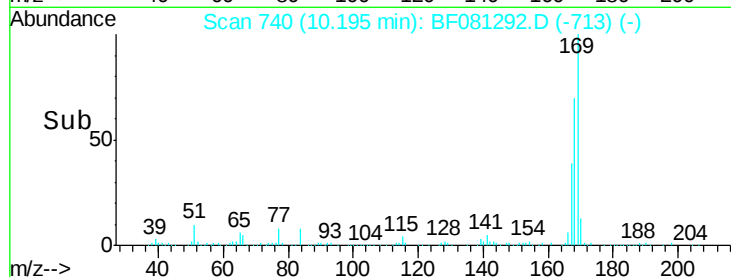
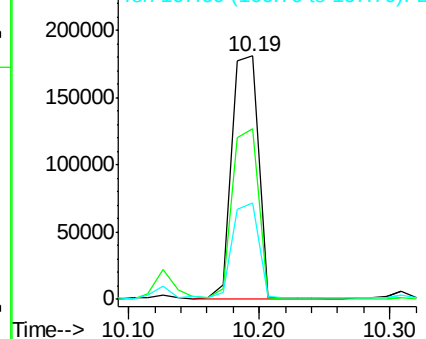
Tgt Ion:	169	Resp:	254117
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.3	82.9
167	39.5	30.8	46.2

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



#66

4-Bromophenyl-phenylether

Concen: 41.46 ng

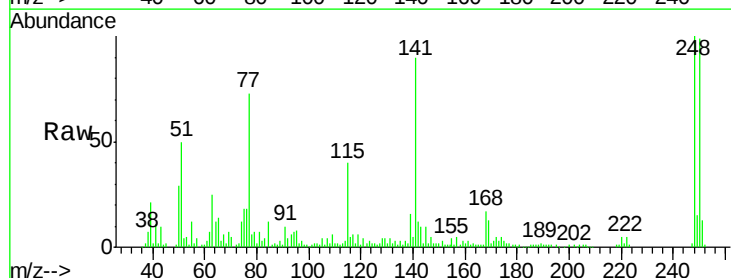
RT: 10.55 min Scan# 771

Delta R.T. 0.00 min

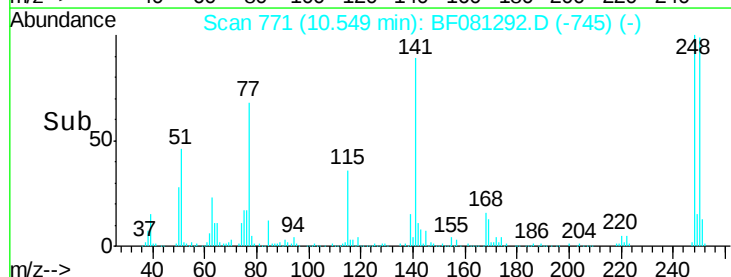
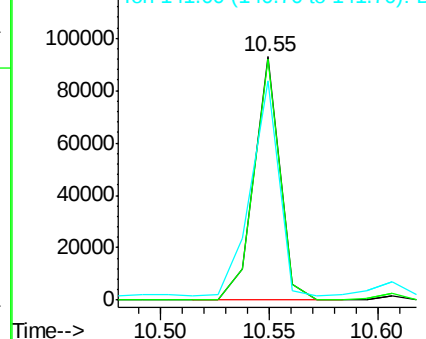
Lab File: BF081292.D

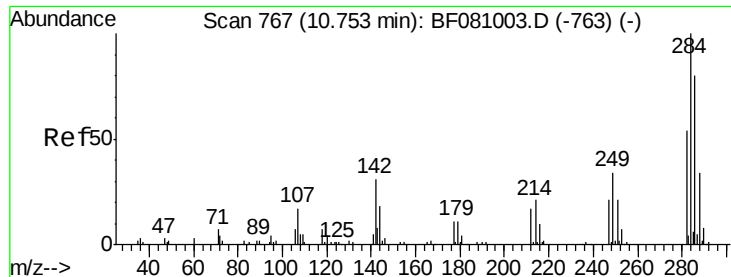
Acq: 30 Aug 2015 2:03

Tgt Ion:	248	Resp:	75850
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.8	116.6
141	90.1	39.8	59.6#



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





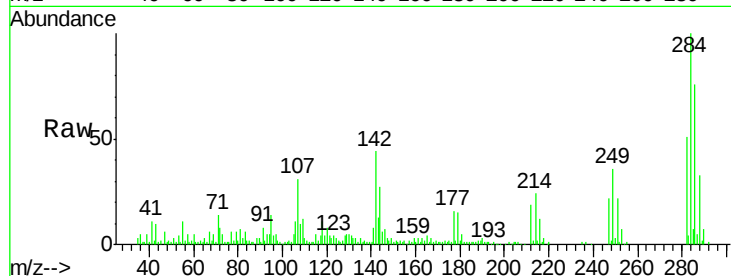
#67
Hexachlorobenzene
Concen: 41.46 ng
RT: 10.61 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

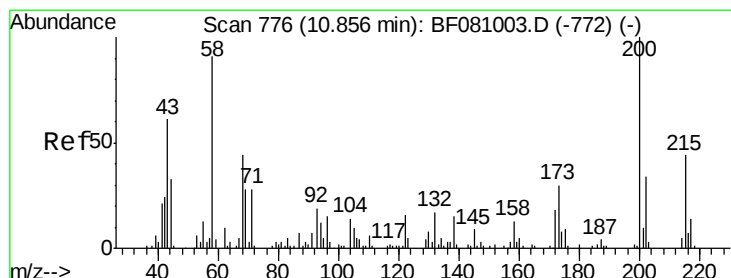
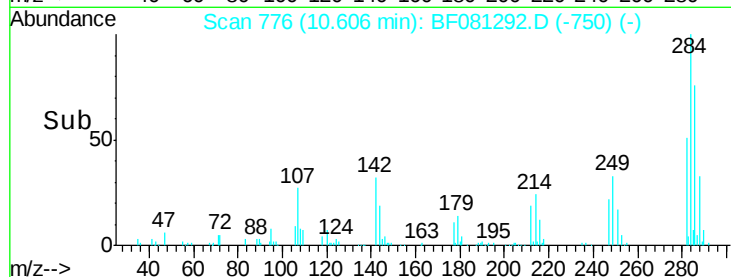
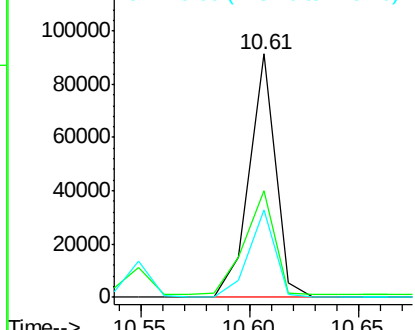
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	43.7	25.4	38.0#
249	35.9	28.5	42.7

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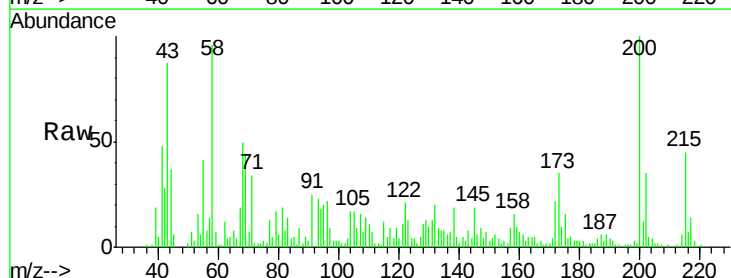


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

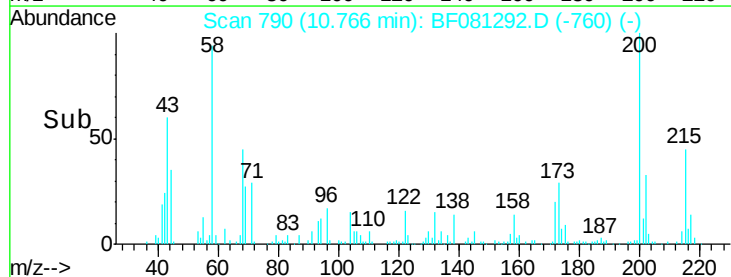
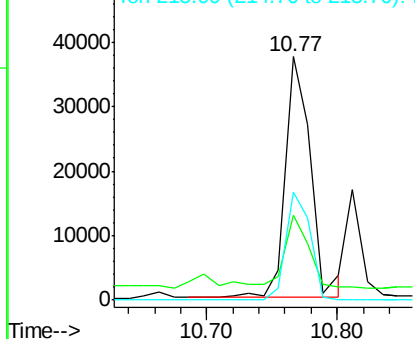


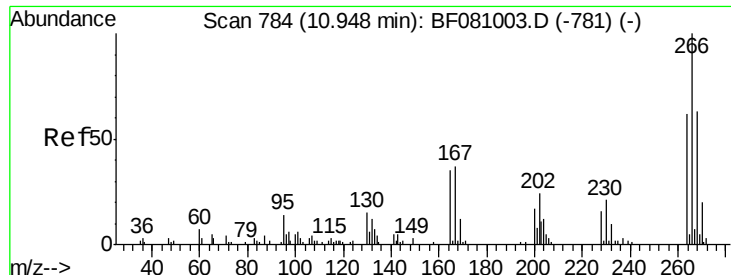
#68
Atrazine
Concen: 27.20 ng
RT: 10.77 min Scan# 790
Delta R.T. 0.05 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	34.9	8.1	48.1
215	44.6	23.3	63.3



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





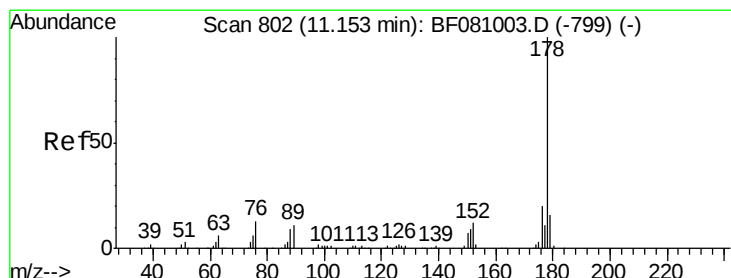
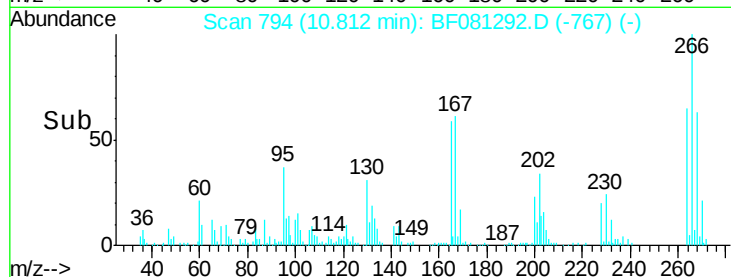
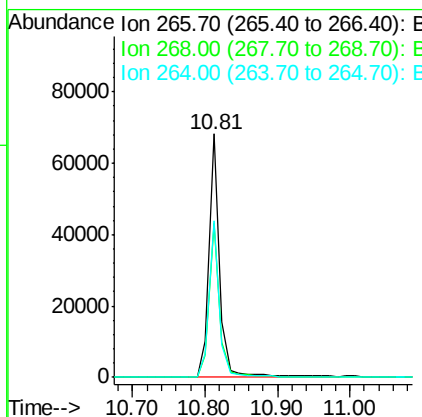
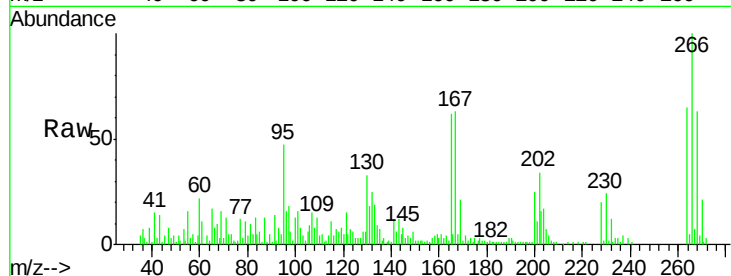
#69
 Pentachlorophenol
 Concen: 63.55 ng
 RT: 10.81 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	70640		
268	63.3	51.2	76.8	
264	64.5	50.6	75.8	

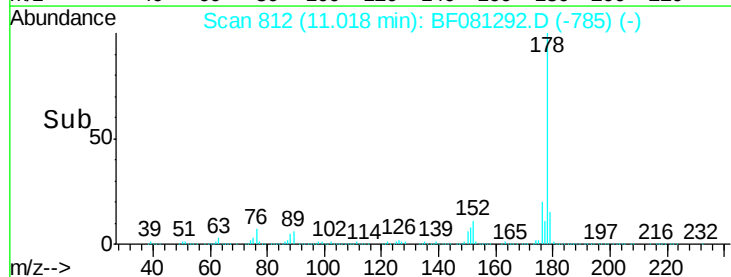
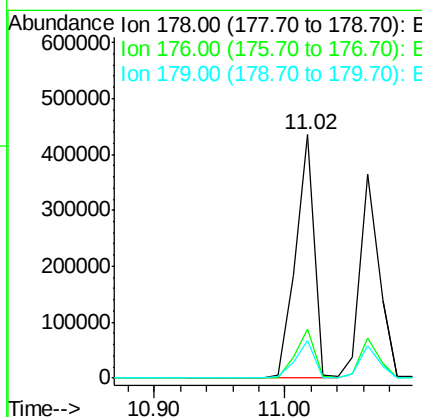
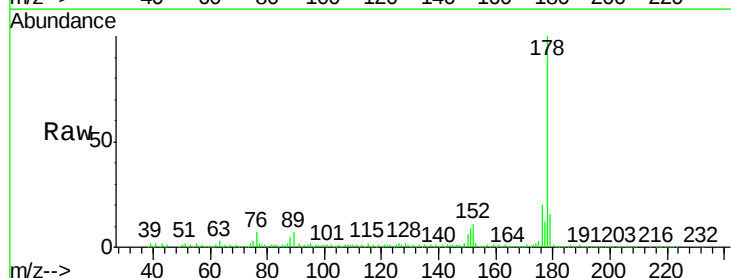
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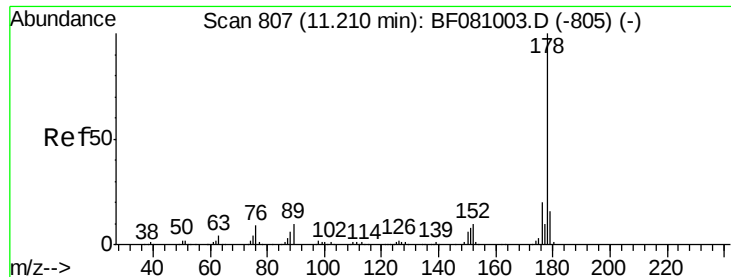
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#70
 Phenanthrene
 Concen: 38.93 ng
 RT: 11.02 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	429628		
176	20.1	15.7	23.5	
179	15.6	12.2	18.2	





#71

Anthracene

Concen: 34.45 ng

RT: 11.06 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

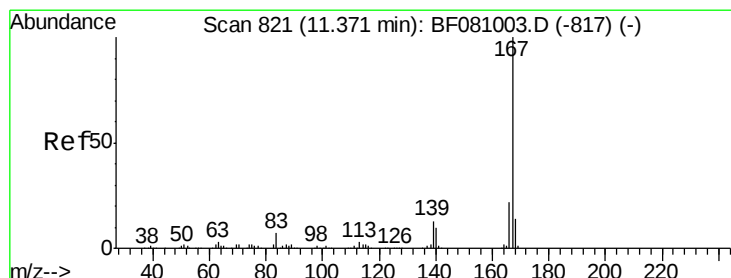
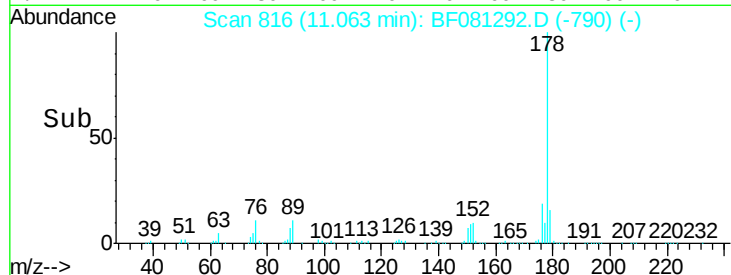
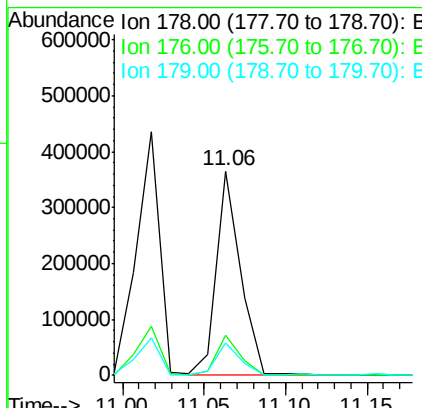
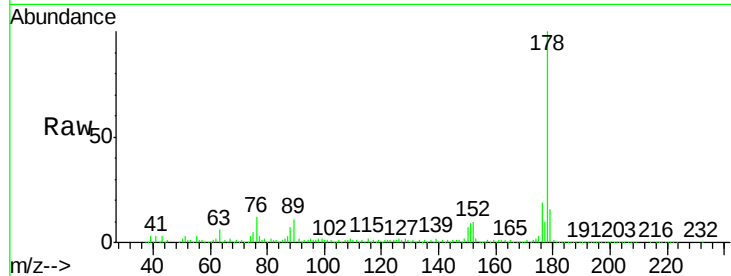
ClientSampleId :

MW-04MSD

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.9	12.7	19.1



#72

Carbazole

Concen: 37.23 ng

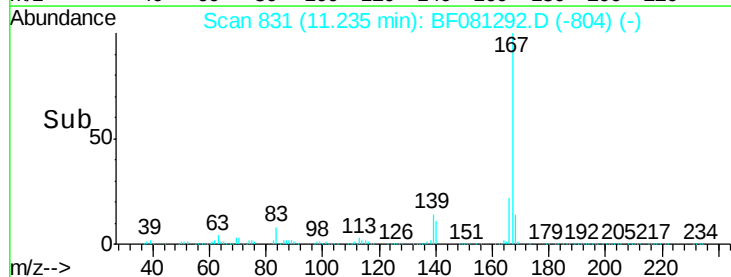
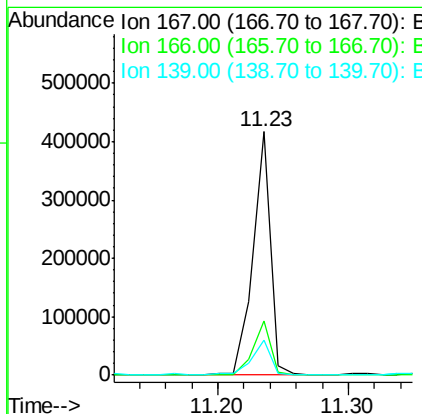
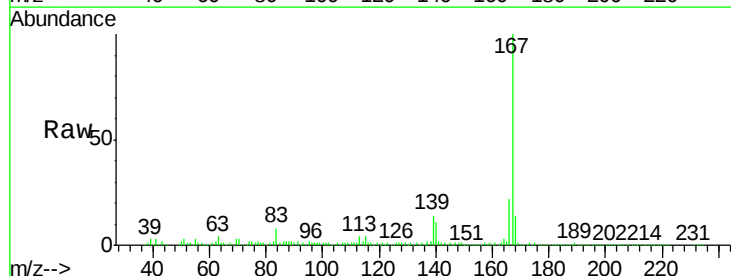
RT: 11.23 min Scan# 831

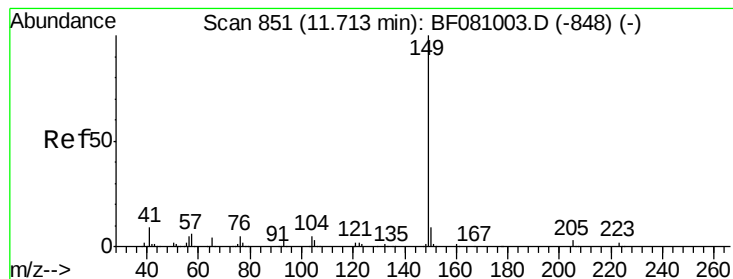
Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	14.3	10.6	16.0





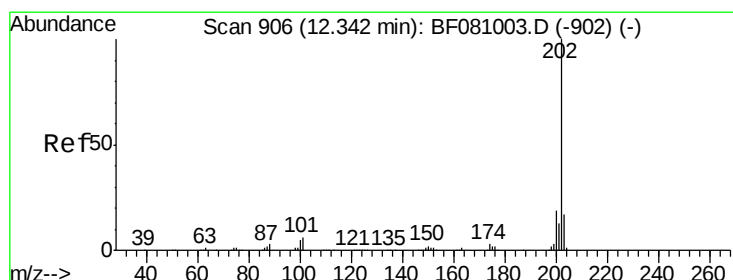
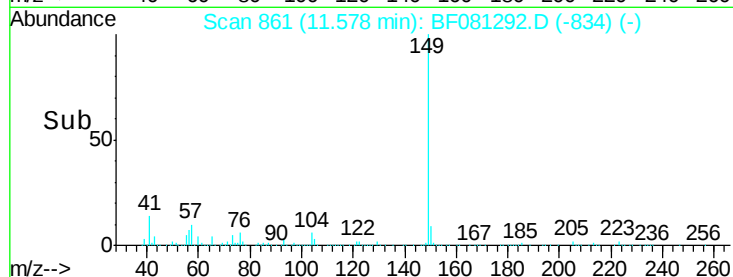
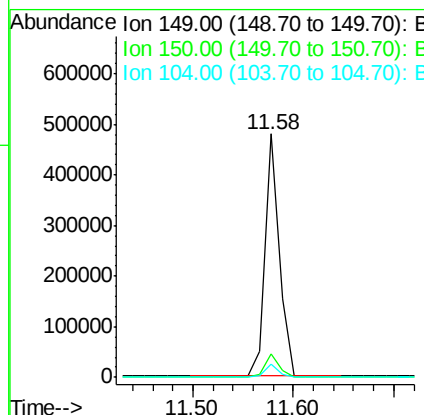
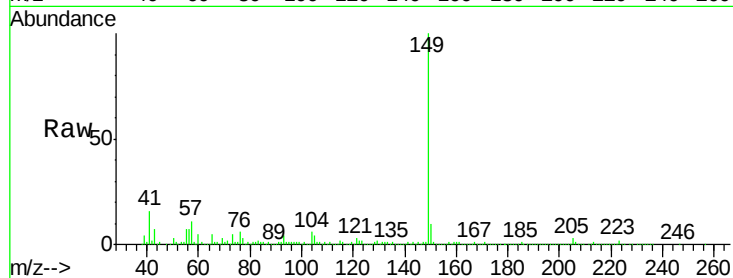
#73
Di-n-butylphthalate
Concen: 37.60 ng
RT: 11.58 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	470387		
150	9.6	7.1	10.7	
104	5.6	3.9	5.9	

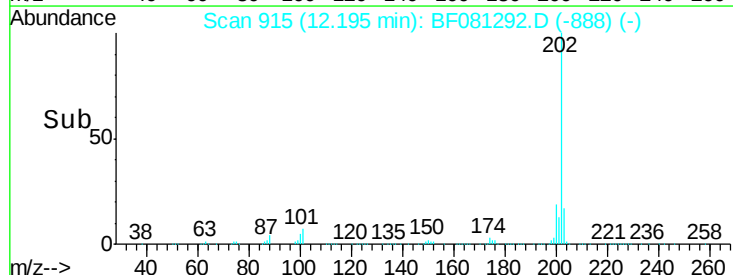
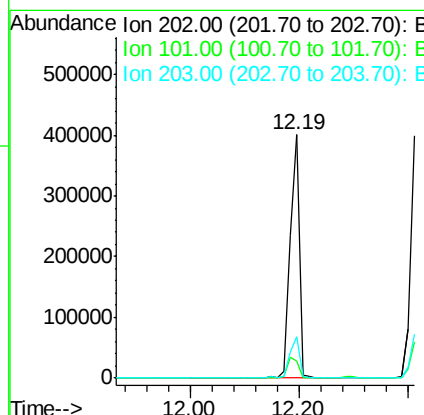
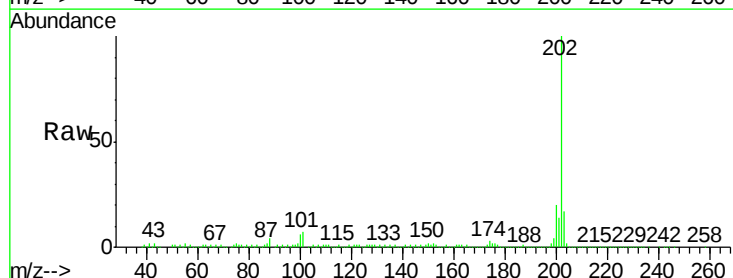
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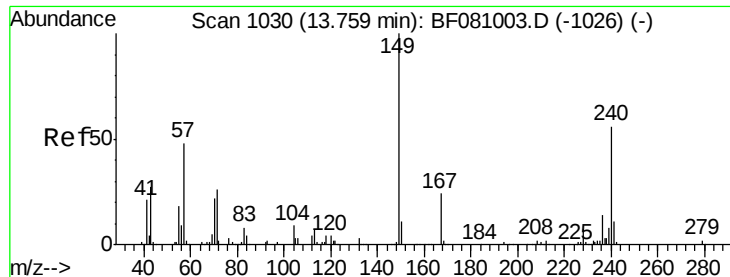
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#74
Fluoranthene
Concen: 37.79 ng
RT: 12.19 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	450040		
101	7.2	0.0	24.8	
203	17.0	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: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tgt Ion:240 Resp: 116403
Ion Ratio Lower Upper

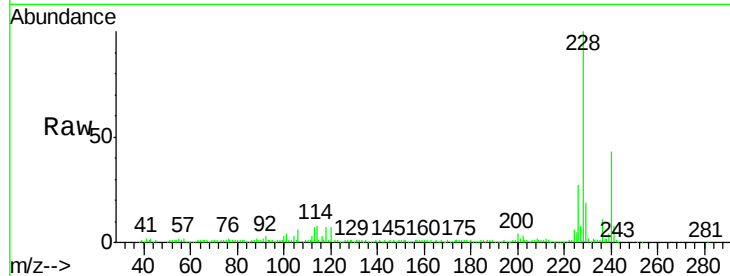
240 100

120 17.4 5.6 8.4#

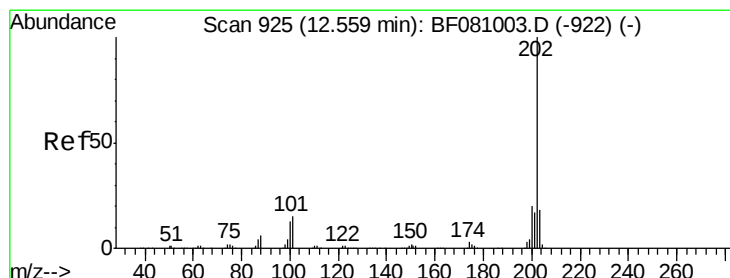
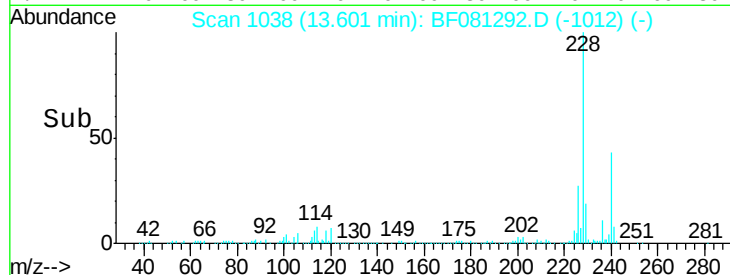
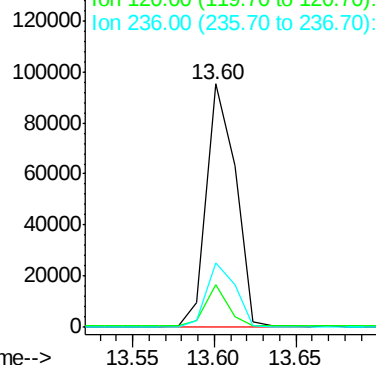
236 26.2 20.6 30.8

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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: 41.74 ng

RT: 12.41 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081292.D

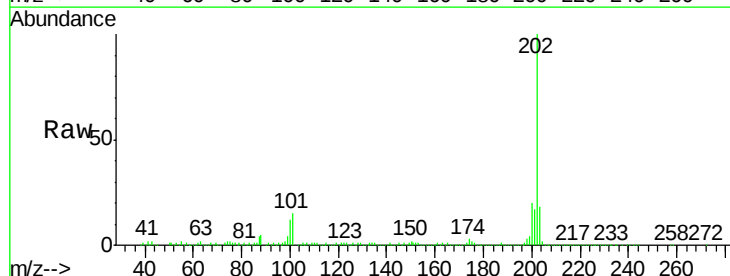
Acq: 30 Aug 2015 2:03

Tgt Ion:202 Resp: 394969
Ion Ratio Lower Upper

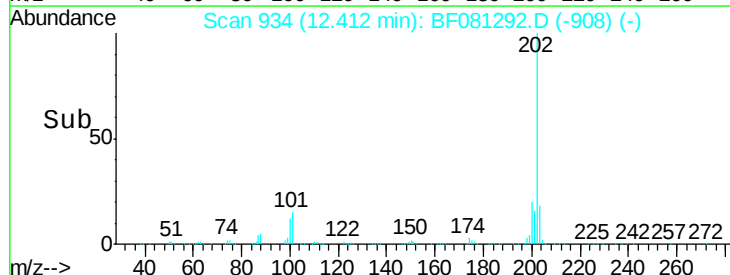
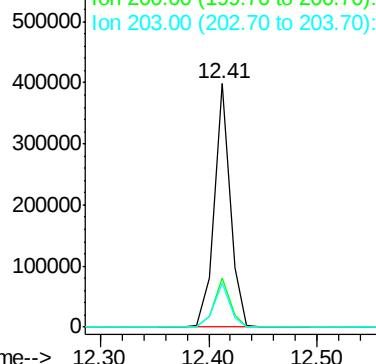
202 100

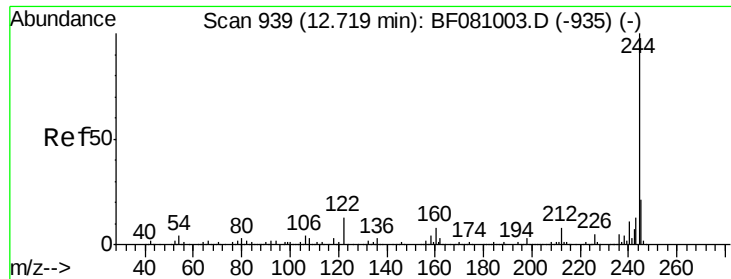
200 20.3 16.6 24.8

203 18.1 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: 85.62 ng

RT: 12.57 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

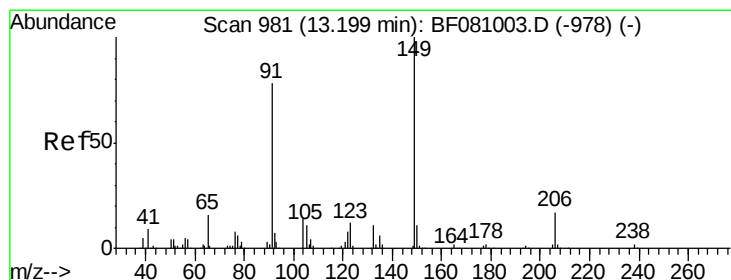
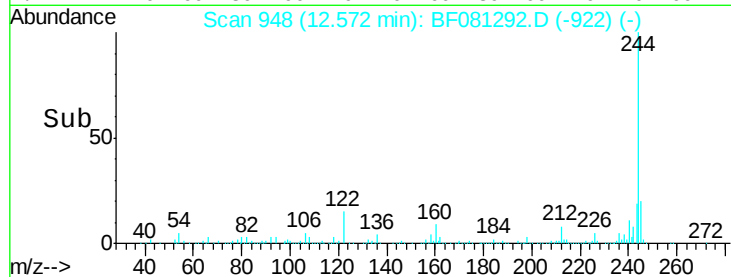
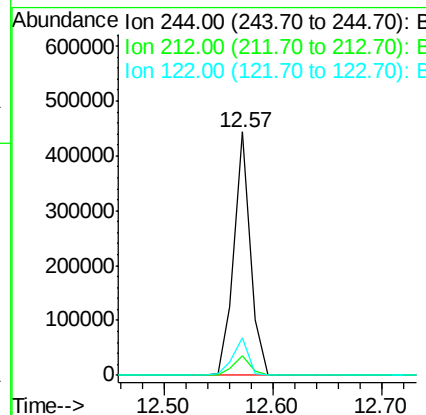
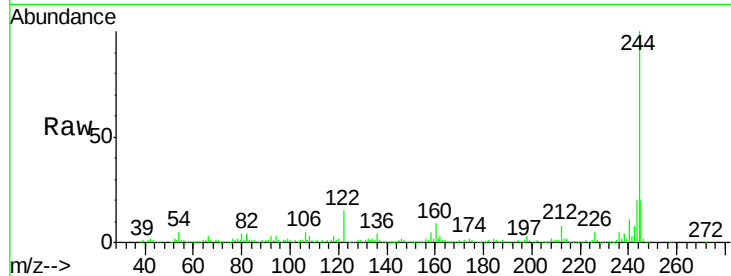
ClientSampleId :

MW-04MSD

Tgt Ion:	244	Resp:	464901
Ion Ratio		Lower	Upper
244	100		
212	8.3	5.8	8.8
122	15.2	8.2	12.4

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#79

Butylbenzylphthalate

Concen: 50.78 ng

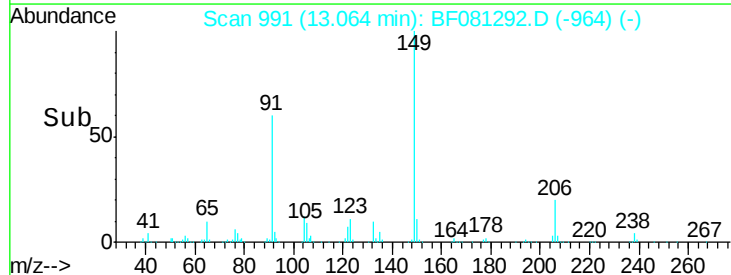
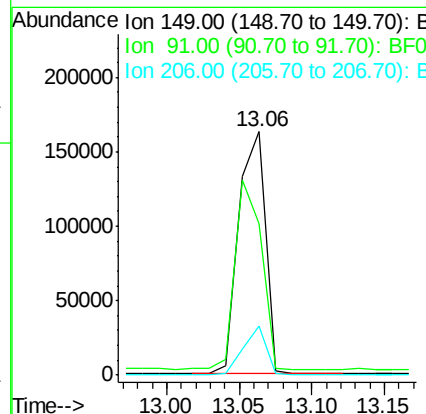
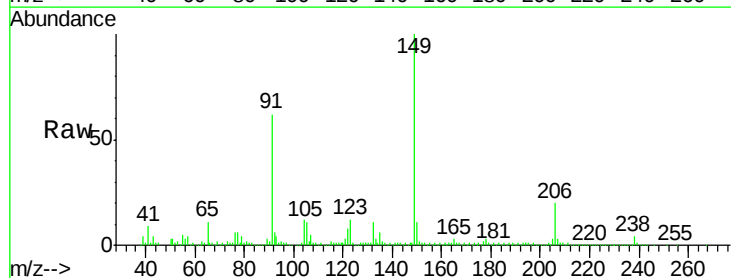
RT: 13.06 min Scan# 991

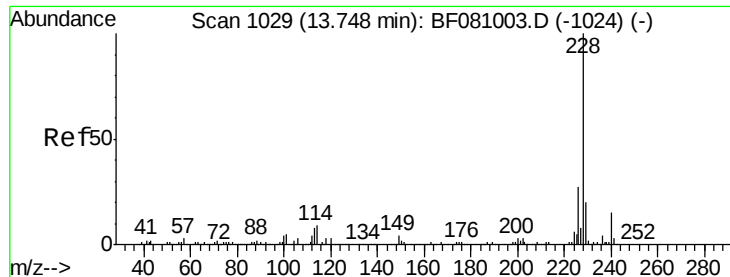
Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	149	Resp:	206538
Ion Ratio		Lower	Upper
149	100		
91	62.4	46.9	70.3
206	20.3	17.0	25.4





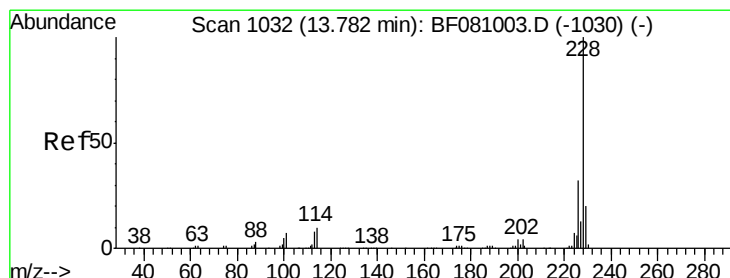
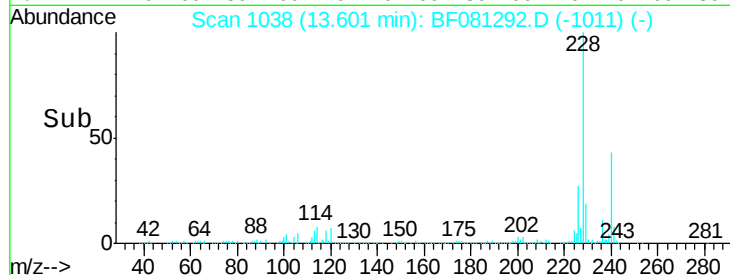
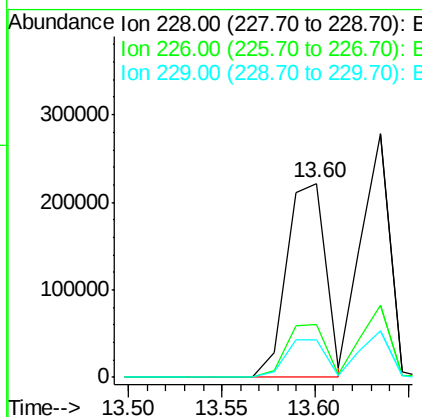
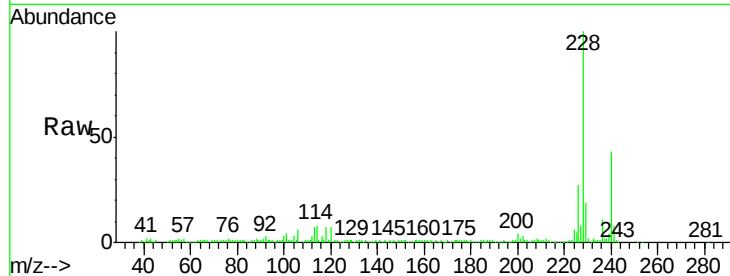
#80
Benzo(a)anthracene
Concen: 41.37 ng
RT: 13.60 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.0	22.3	33.5
229	19.5	15.9	23.9

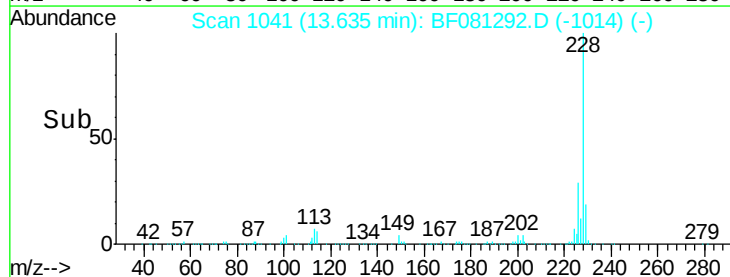
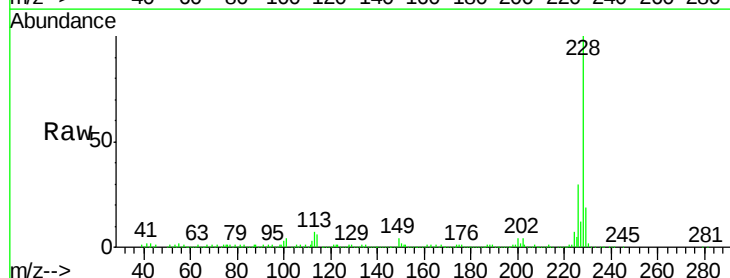
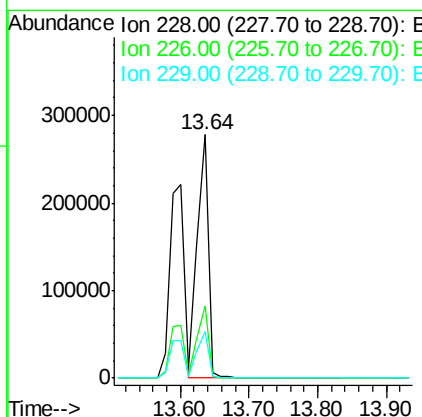
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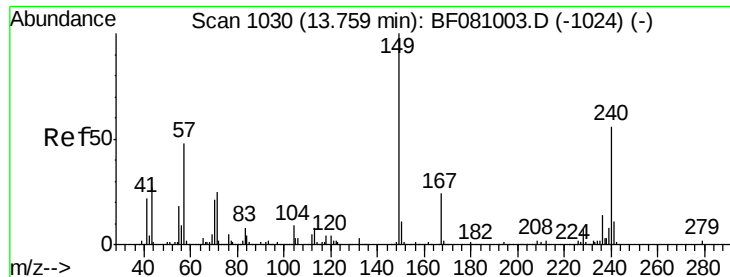
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#82
Chrysene
Concen: 42.24 ng
RT: 13.64 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	24.4	36.6
229	19.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.99 ng

RT: 13.62 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

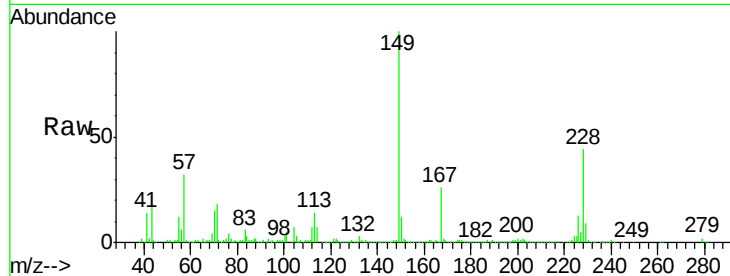
ClientSampleId :

MW-04MSD

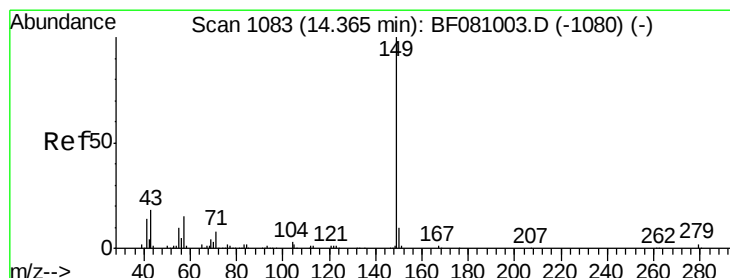
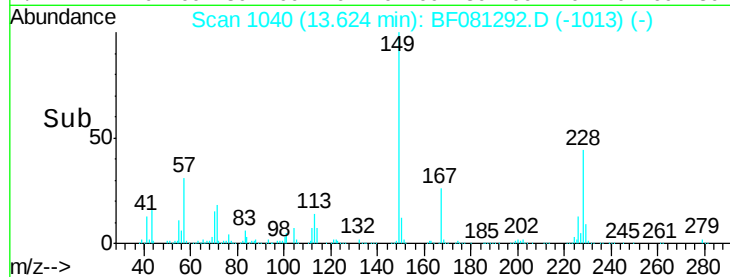
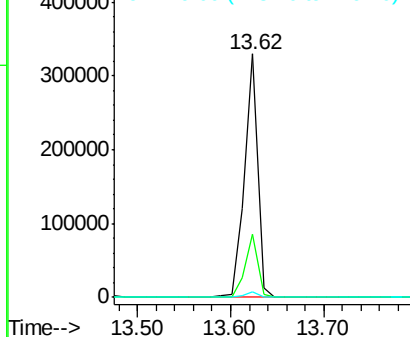
Tgt Ion:	149	Resp:	317736
Ion Ratio		Lower	Upper
149	100		
167	25.9	20.7	31.1
279	2.4	2.2	3.4

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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: 59.56 ng

RT: 14.23 min Scan# 1093

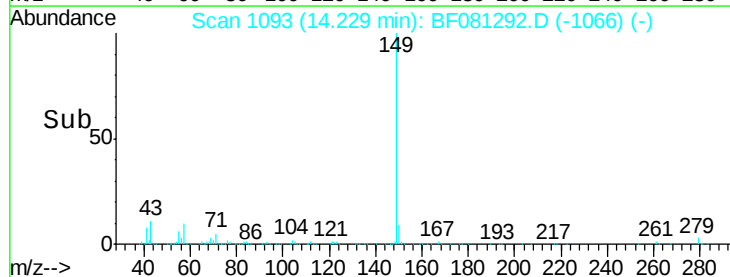
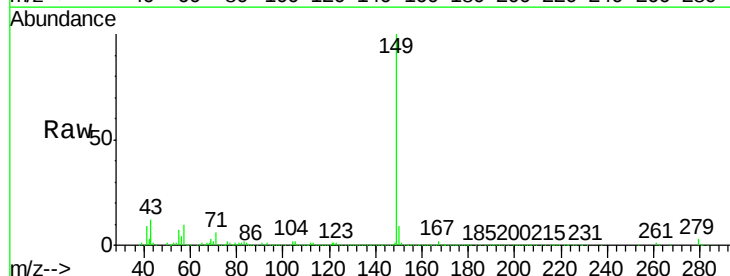
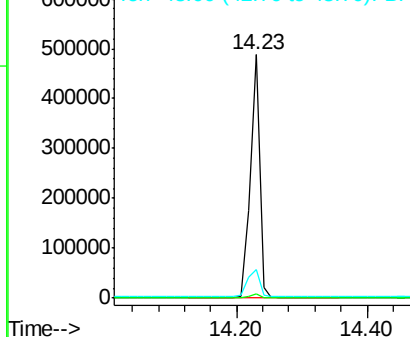
Delta R.T. 0.01 min

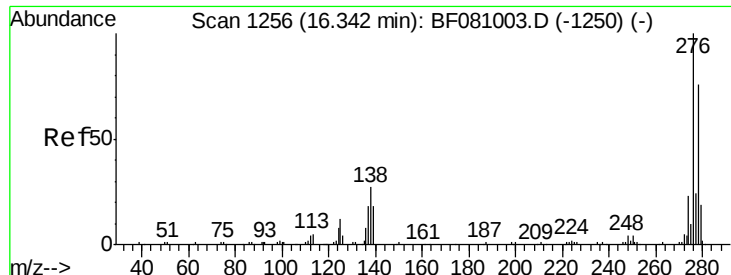
Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	149	Resp:	471653
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.6	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





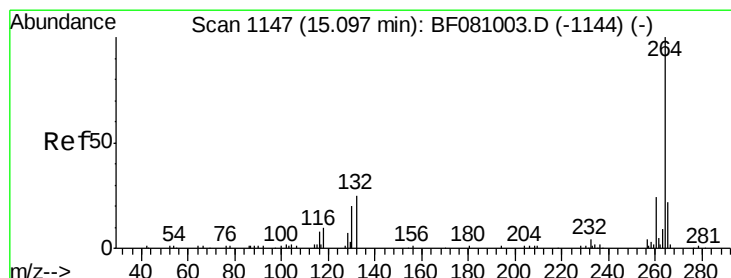
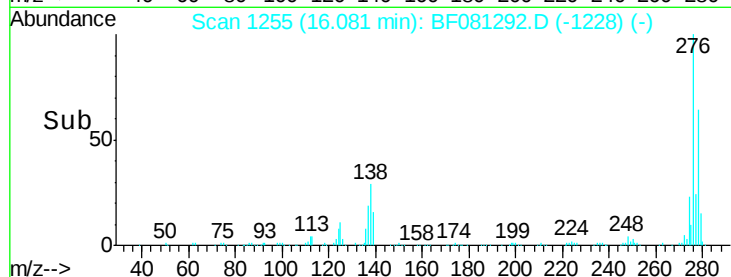
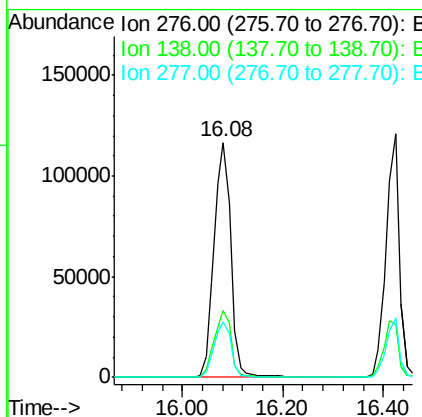
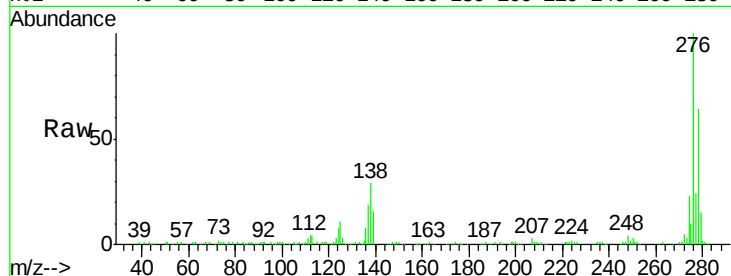
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.92 ng
 RT: 16.08 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	271277		
138	28.6	18.6	28.0#	
277	23.8	19.8	29.8	

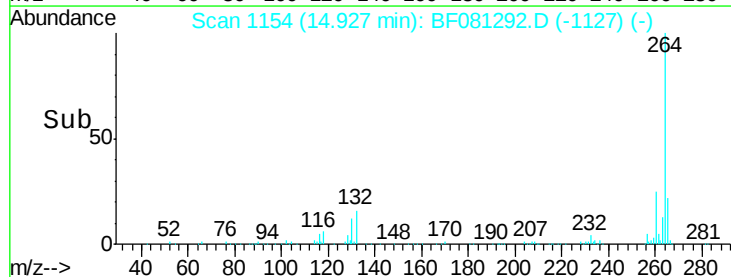
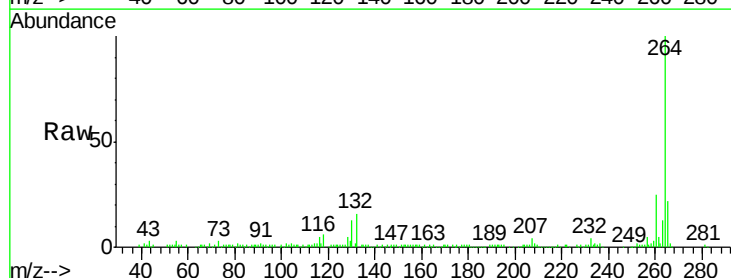
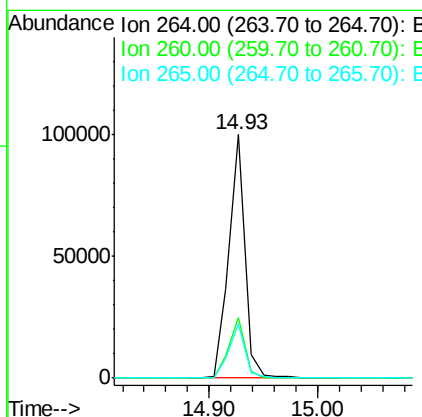
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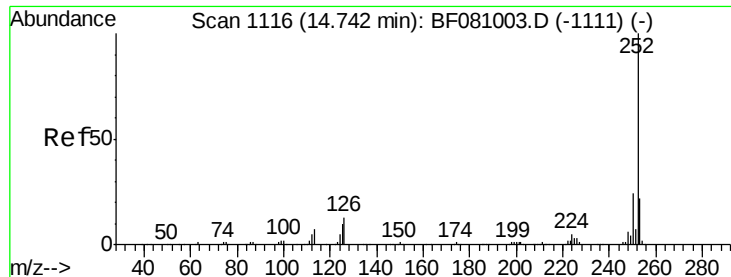
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF081292.D
 Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	102775		
260	24.7	19.6	29.4	
265	22.1	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 34.27 ng m

RT: 14.58 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

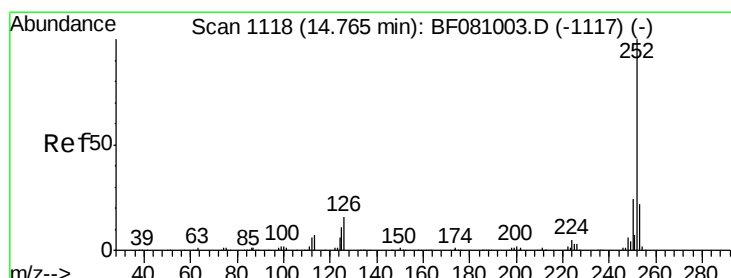
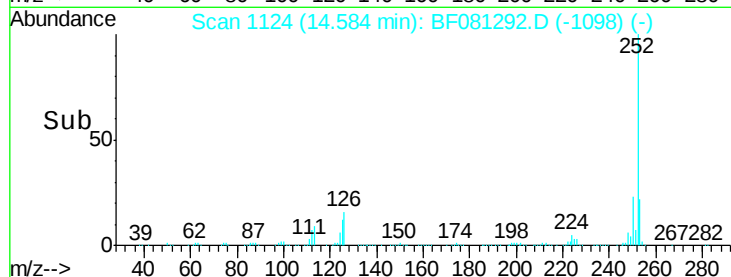
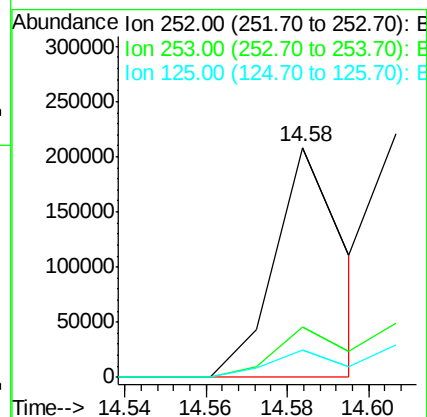
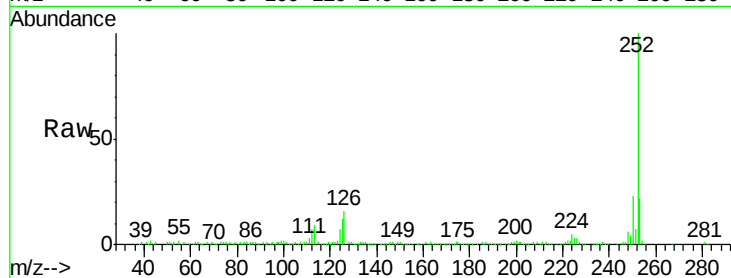
ClientSampleId :

MW-04MSD

Tgt Ion:	252	Resp:	249155
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	12.1	8.0	12.0#

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#88

Benzo(k)fluoranthene

Concen: 33.34 ng m

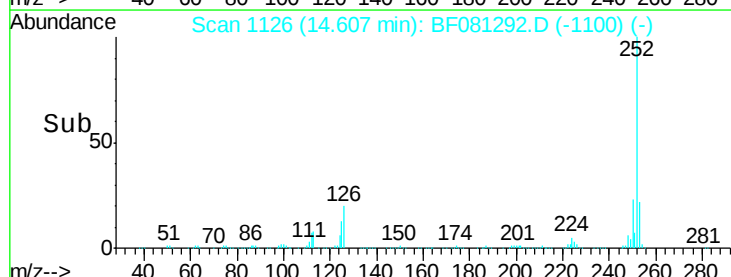
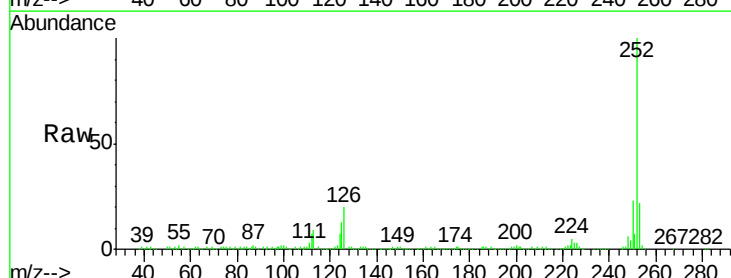
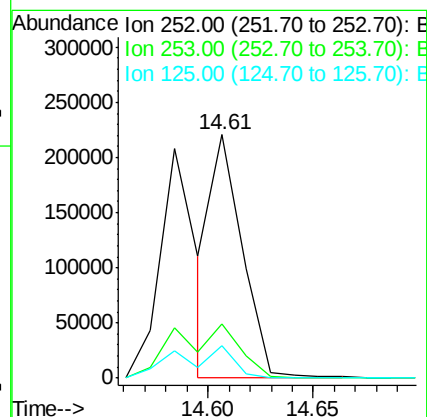
RT: 14.61 min Scan# 1126

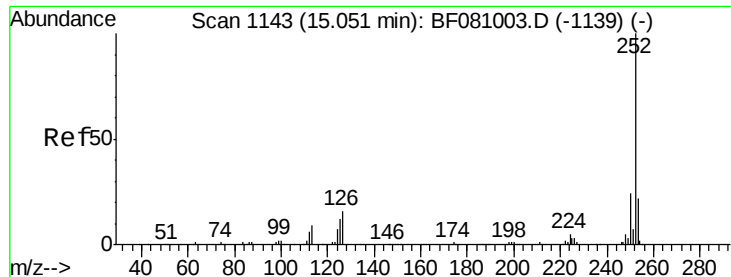
Delta R.T. 0.00 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Tgt Ion:	252	Resp:	225846
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	13.5	10.3	15.5





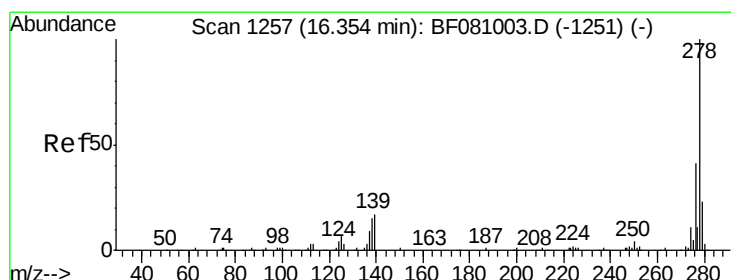
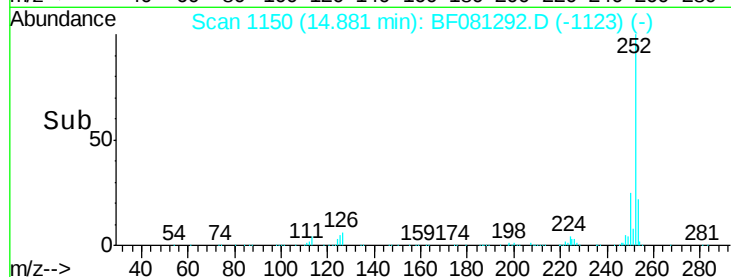
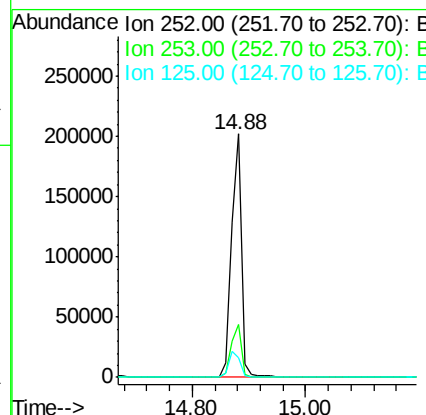
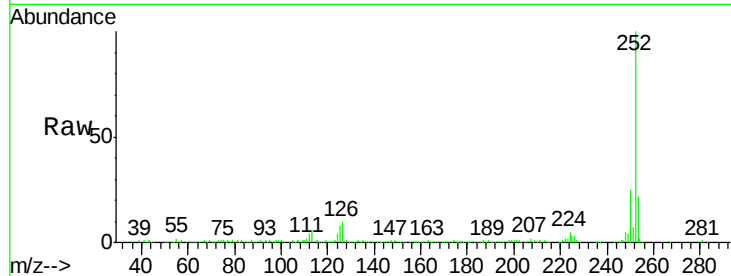
#89
Benzo(a)pyrene
Concen: 39.70 ng
RT: 14.88 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Instrument :
BNA_F
ClientSampled :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	251481		
253	22.0	16.6	25.0	
125	8.0	7.8	11.8	

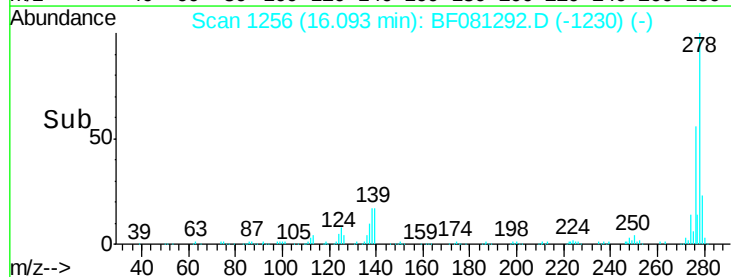
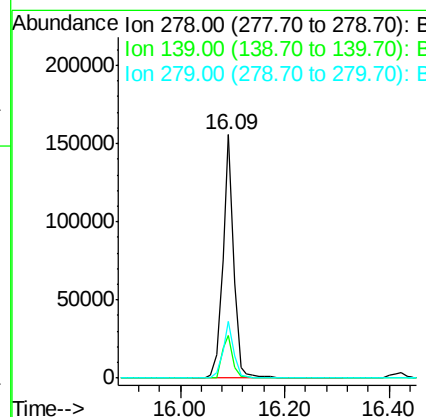
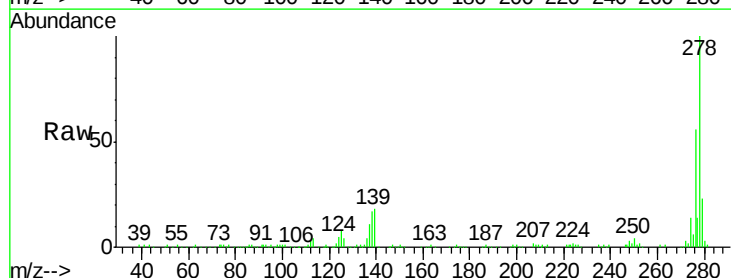
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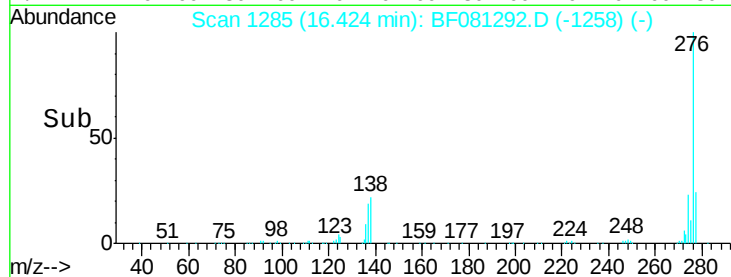
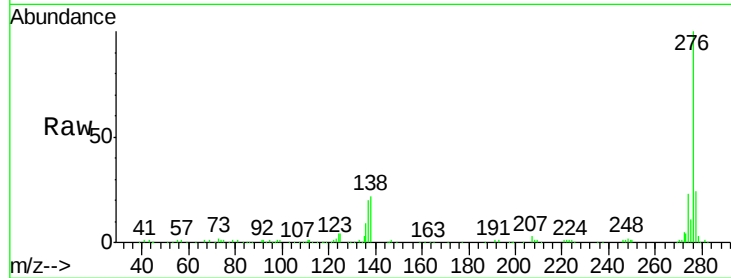
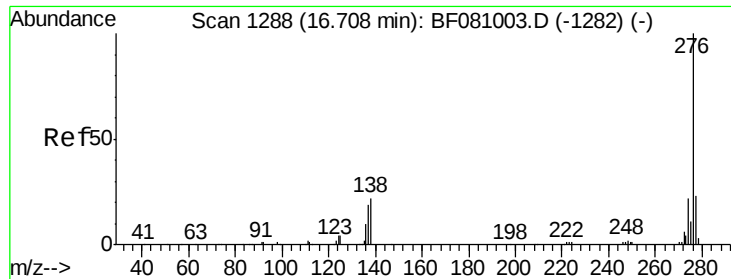
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#90
Dibenzo(a,h)anthracene
Concen: 45.71 ng
RT: 16.09 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF081292.D
Acq: 30 Aug 2015 2:03

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	225621		
139	17.5	10.8	16.2#	
279	23.1	19.0	28.6	





#91

Benzo(g,h,i)perylene

Concen: 45.52 ng

RT: 16.42 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF081292.D

Acq: 30 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	18.2	27.2
138	22.0	13.7	20.5

Manual Integrations
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8/31/2015 1:59:27 PM

