

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081366.D
 Acq On : 3 Sep 2015 00:21
 Operator : UM/IZ
 Sample : G3474-04MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Manual Integrations
 APPROVED

MMDadoda
 9/3/2015 1:45:00 PM

Quant Time: Sep 03 10:59:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	83408	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	306593	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	139566	20.00	ng	0.01
63) Phenanthrene-d10	10.89	188	248851	20.00	ng	0.01
75) Chrysene-d12	13.51	240	179071	20.00	ng	0.01
86) Perylene-d12	14.81	264	119305	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.95	112	320923	59.70	ng	0.02
7) Phenol-d6	6.07	99	297937	41.87	ng	0.01
23) Nitrobenzene-d5	6.97	82	574653	90.43	ng	0.00
41) 2,4,6-Tribromophenol	10.22	330	138093	111.12	ng	0.01
44) 2-Fluorobiphenyl	8.76	172	853878	78.40	ng	0.00
78) Terphenyl-d14	12.48	244	683651	88.87	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.78	88	38364	15.89	ng	# 91
3) Pyridine	2.36	79	48522	7.29	ng	# 85
4) n-Nitrosodimethylamine	2.30	42	70043	18.94	ng	# 76
8) 2-Chlorophenol	6.18	128	197281	33.30	ng	# 88
9) Benzaldehyde	5.92	77	25463	5.71	ng	# 68
10) Phenol	6.08	94	114990	13.93	ng	# 63
11) bis(2-Chloroethyl)ether	6.15	93	293427m	49.28	ng	# 94
12) 1,3-Dichlorobenzene	6.33	146	243121	38.41	ng	# 92
13) 1,4-Dichlorobenzene	6.41	146	248229	38.52	ng	# 92
14) 1,2-Dichlorobenzene	6.56	146	207989m	35.84	ng	# 74
15) Benzyl Alcohol	6.56	79	151360	25.93	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	6.70	45	454418	39.82	ng	# 64
17) 2-Methylphenol	6.70	107	134821	28.52	ng	# 87
18) Hexachloroethane	6.90	117	100252	39.98	ng	# 87
19) n-Nitroso-di-n-propylamine	6.84	70	192266	39.70	ng	# 87
20) 3+4-Methylphenols	6.86	107	174058	27.31	ng	# 76
22) Acetophenone	6.82	105	359216	42.90	ng	# 63
24) Nitrobenzene	6.99	77	272675	41.32	ng	# 86
25) Isophorone	7.24	82	516257	43.68	ng	# 66
26) 2-Nitrophenol	7.31	139	123303	42.87	ng	# 81
27) 2,4-Dimethylphenol	7.38	122	196628	39.58	ng	# 92
28) bis(2-Chloroethoxy)methane	7.46	93	276324	40.47	ng	# 95
29) 2,4-Dichlorophenol	7.56	162	178926	41.53	ng	# 99
30) 1,2,4-Trichlorobenzene	7.63	180	203365	43.45	ng	# 97
31) Naphthalene	7.70	128	599520	36.67	ng	# 55
32) Benzoic acid	7.52	122	51094	16.18	ng	# 87
33) 4-Chloroaniline	7.78	127	37284	5.59	ng	# 98
34) Hexachlorobutadiene	7.83	225	114660	40.26	ng	# 71
35) Caprolactam	8.23	113	18393m	13.92	ng	# 91
36) 4-Chloro-3-methylphenol	8.27	107	185480	38.47	ng	# 97
37) 2-Methylnaphthalene	8.40	142	456922	42.94	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	165146	37.42	ng	# 97
40) Hexachlorocyclopentadiene	8.55	237	88474	40.84	ng	100
42) 2,4,6-Trichlorophenol	8.68	196	115961	38.07	ng	

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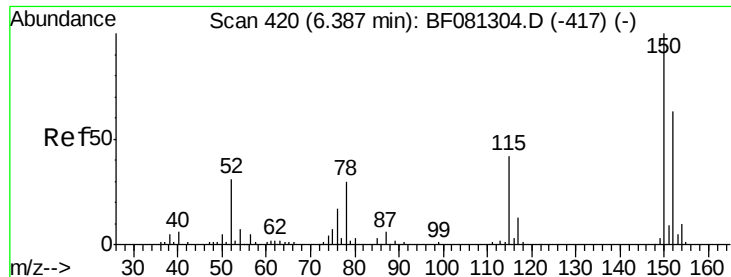
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.74	196	128637	41.39	ng	# 90
45) 1,1'-Biphenyl	8.87	154	552438	43.02	ng	94
46) 2-Chloronaphthalene	8.88	162	350782	37.83	ng	# 87
47) 2-Nitroaniline	8.99	65	162727	43.06	ng	# 57
48) Acenaphthylene	9.29	152	617797	37.56	ng	96
49) Dimethylphthalate	9.19	163	441124	40.68	ng	# 98
50) 2,6-Dinitrotoluene	9.24	165	103144	41.91	ng	# 71
51) Acenaphthene	9.46	154	406966	43.49	ng	91
52) 3-Nitroaniline	9.40	138	45190	16.13	ng	# 44
53) 2,4-Dinitrophenol	9.52	184	120778	116.51	ng	# 72
54) Dibenzofuran	9.63	168	583091	42.67	ng	# 86
56) 2,4-Dinitrotoluene	9.64	165	125441	40.03	ng	# 92
57) Fluorene	9.96	166	394494	38.04	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.76	232	92592m	39.03	ng	
59) Diethylphthalate	9.87	149	430788	37.77	ng	94
60) 4-Chlorophenyl-phenylether	9.98	204	217579	45.02	ng	97
61) 4-Nitroaniline	10.01	138	31806m	11.24	ng	
62) Azobenzene	10.12	77	498212	39.29	ng	# 80
64) 4,6-Dinitro-2-methylphenol	10.04	198	70211	50.44	ng	94
65) n-Nitrosodiphenylamine	10.10	169	383814	42.39	ng	91
66) 4-Bromophenyl-phenylether	10.46	248	114594	45.54	ng	# 91
67) Hexachlorobenzene	10.51	284	120963	45.98	ng	# 84
68) Atrazine	10.68	200	42345	16.16	ng	85
69) Pentachlorophenol	10.72	266	123411	94.57	ng	98
70) Phenanthrene	10.91	178	540206	39.05	ng	96
71) Anthracene	10.97	178	565283	39.77	ng	97
72) Carbazole	11.14	167	537851	40.32	ng	95
73) Di-n-butylphthalate	11.48	149	672836	42.72	ng	# 96
74) Fluoranthene	12.09	202	524996	35.05	ng	91
77) Pyrene	12.32	202	608432	45.87	ng	98
79) Butylbenzylphthalate	12.97	149	270296	46.85	ng	99
80) Benzo(a)anthracene	13.50	228	469628	41.18	ng	96
82) Chrysene	13.53	228	324903	31.78	ng	95
83) Bis(2-ethylhexyl)phthalate	13.53	149	400369	52.59	ng	# 91
84) Di-n-octyl phthalate	14.14	149	602740	48.08	ng	96
85) Indeno(1,2,3-cd)pyrene	15.91	276	312325	41.64	ng	# 87
87) Benzo(b)fluoranthene	14.49	252	429729m	50.45	ng	
88) Benzo(k)fluoranthene	14.51	252	204120m	28.88	ng	
89) Benzo(a)pyrene	14.77	252	289123	40.06	ng	# 86
90) Dibenzo(a,h)anthracene	15.92	278	256606	46.01	ng	# 81
91) Benzo(g,h,i)perylene	16.23	276	264827	49.75	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

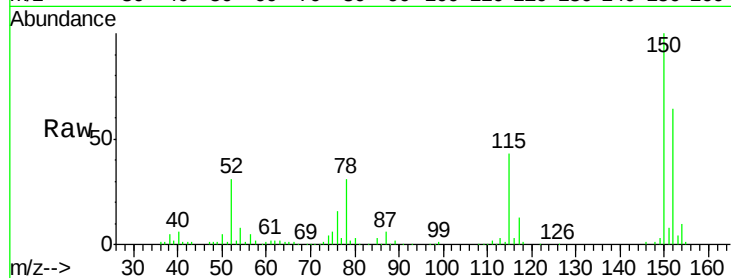
ClientSampleId :

MW-04MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.7	187.1
115	66.9	39.0	58.4

Manual Integrations
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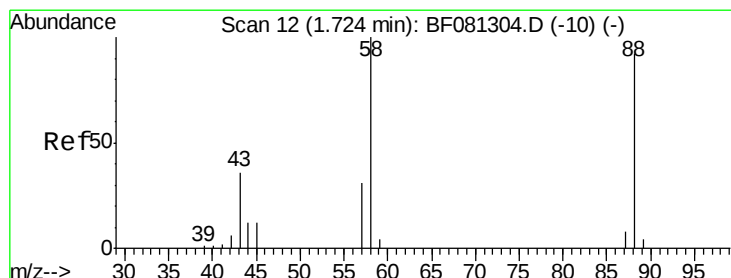
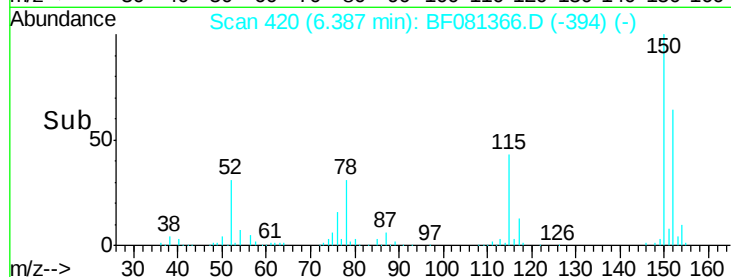
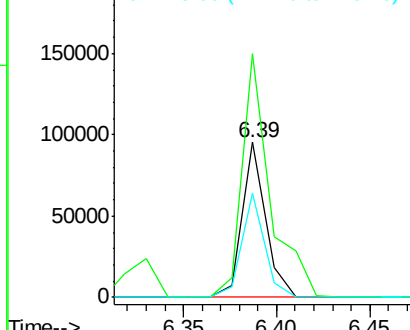


Abundance

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: 15.89 ng

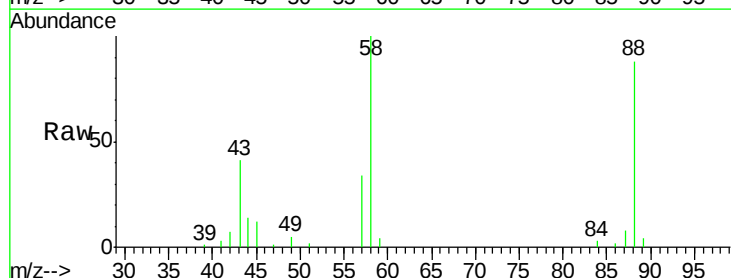
RT: 1.78 min Scan# 17

Delta R.T. 0.03 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.1	77.7	116.5
43	44.1	26.6	40.0

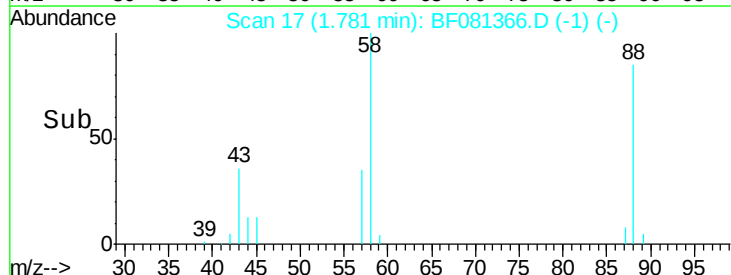
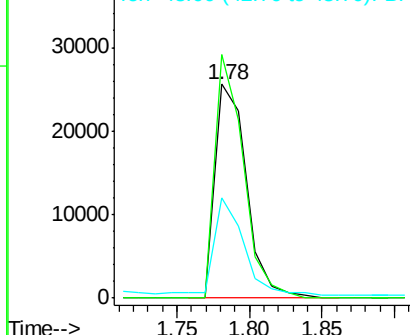


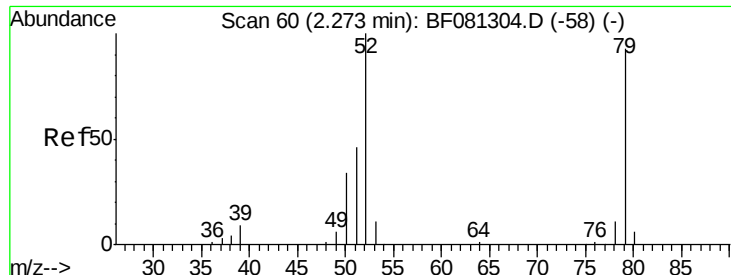
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 7.29 ng

RT: 2.36 min Scan# 68

Delta R.T. 0.08 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

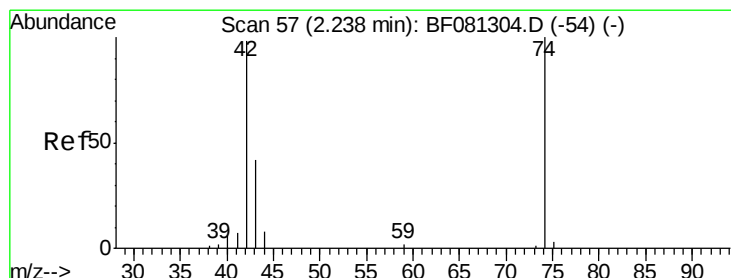
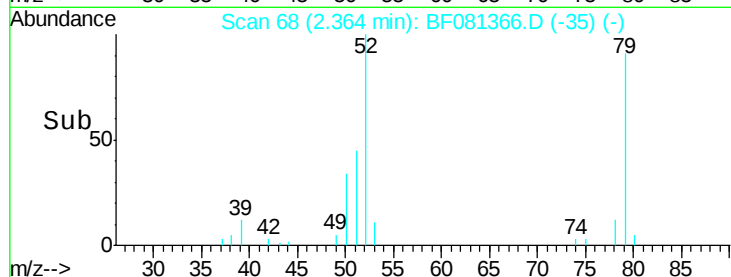
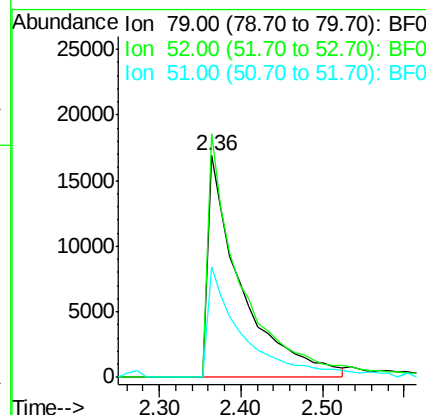
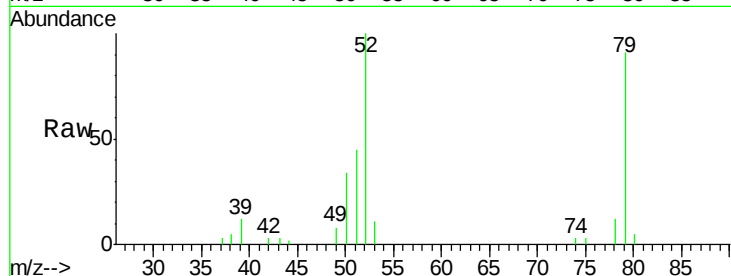
ClientSampleId :

MW-04MS

Tgt Ion:	79	Resp:	48522
Ion	Ratio	Lower	Upper
79	100		
52	110.0	76.8	115.2
51	49.9	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 18.94 ng

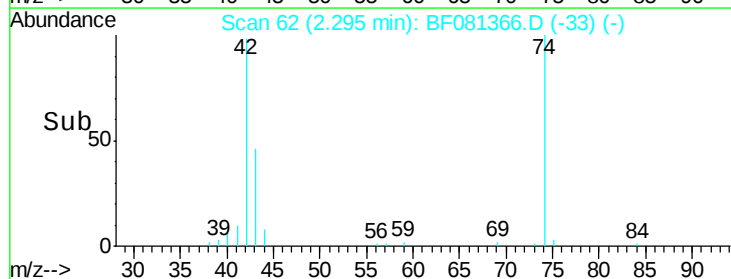
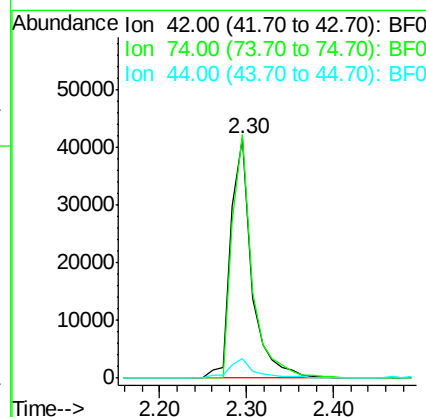
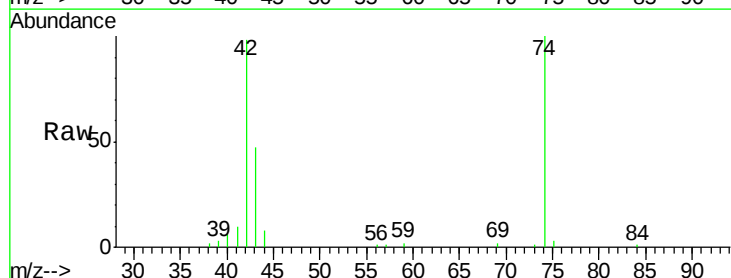
RT: 2.30 min Scan# 62

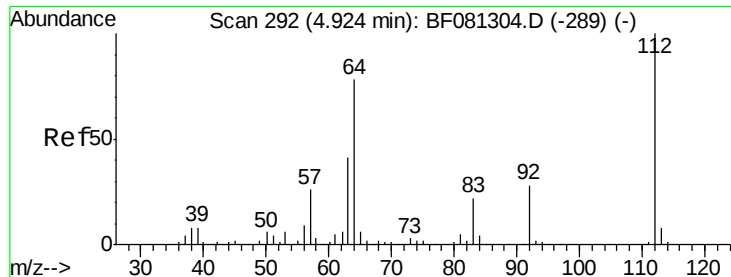
Delta R.T. 0.03 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	42	Resp:	70043
Ion	Ratio	Lower	Upper
42	100		
74	101.8	105.0	157.6#
44	8.0	6.6	10.0





#5

2-Fluorophenol

Concen: 59.70 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

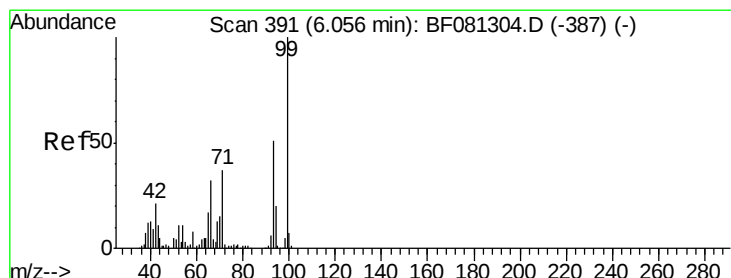
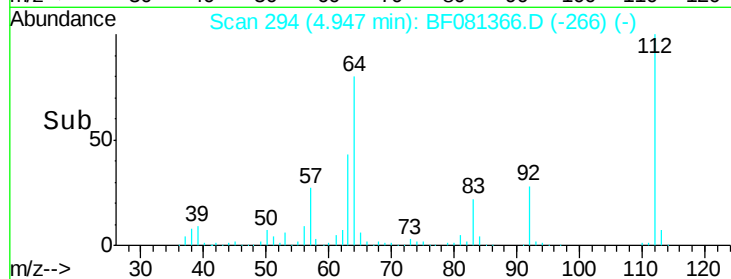
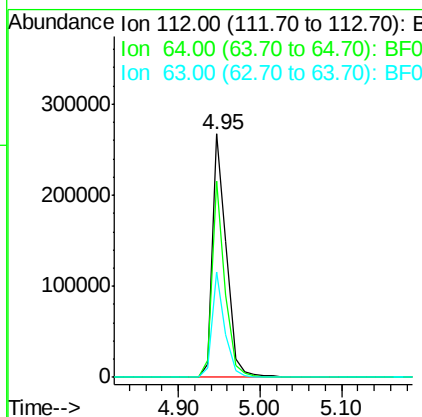
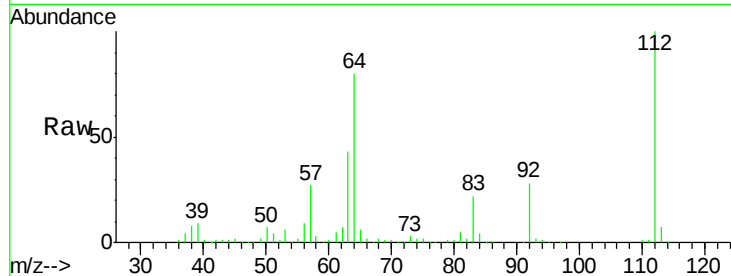
ClientSampleId :

MW-04MS

Tgt Ion:	112	Resp:	320923
Ion Ratio	Lower	Upper	
112	100		
64	80.4	39.7	59.5#
63	43.4	17.4	26.0#

Manual Integrations
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9/3/2015 1:45:00 PM



#7

Phenol-d6

Concen: 41.87 ng

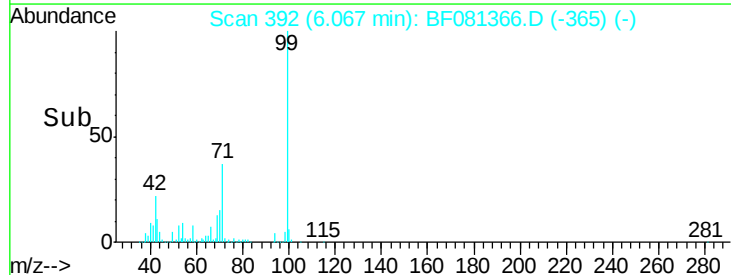
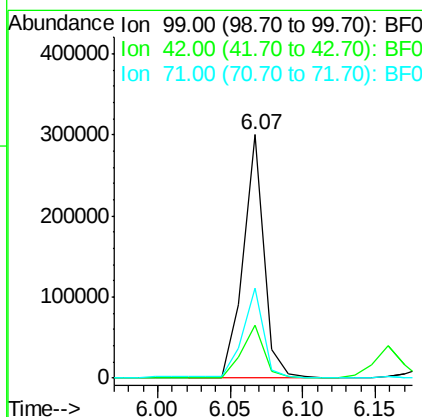
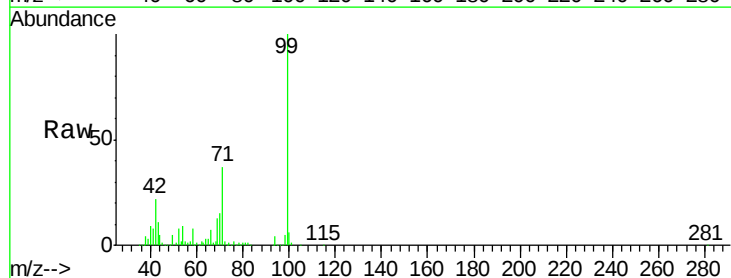
RT: 6.07 min Scan# 392

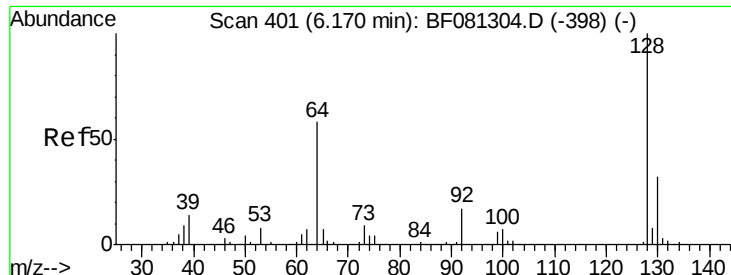
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	99	Resp:	297937
Ion Ratio	Lower	Upper	
99	100		
42	21.8	13.7	20.5#
71	37.0	14.2	21.2#





#8

2-Chlorophenol

Concen: 33.30 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

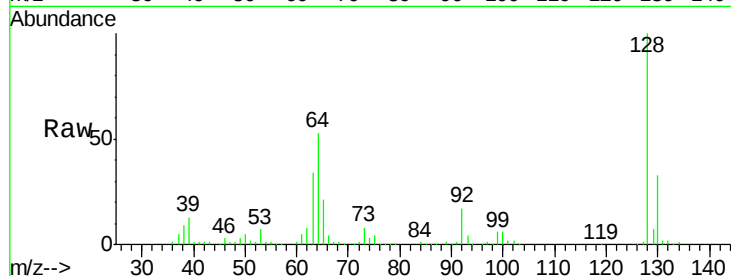
ClientSampleId :

MW-04MS

Tgt Ion:	128	Resp:	197281
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.2	52.2
64	53.1	20.5	60.5

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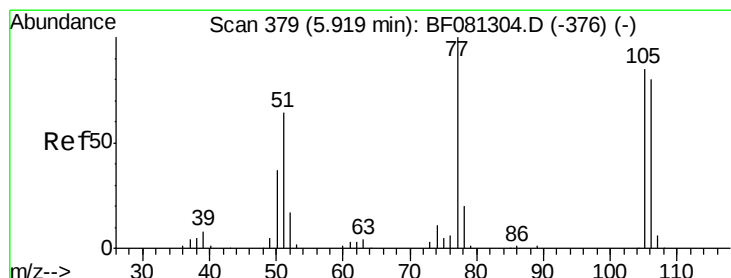
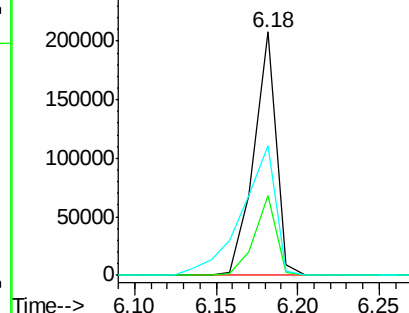
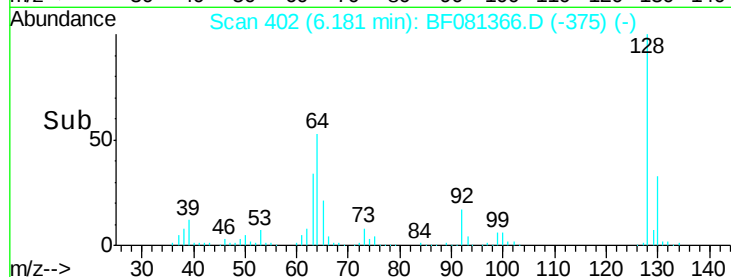
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9/3/2015 1:45:00 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 5.71 ng

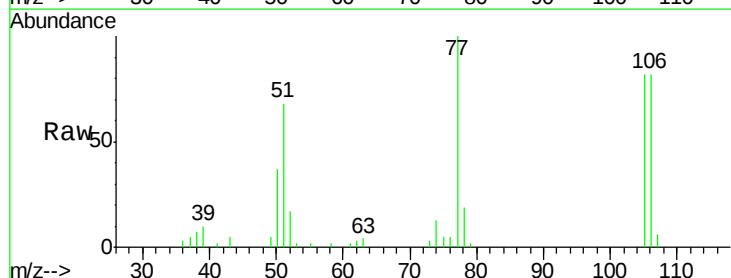
RT: 5.92 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

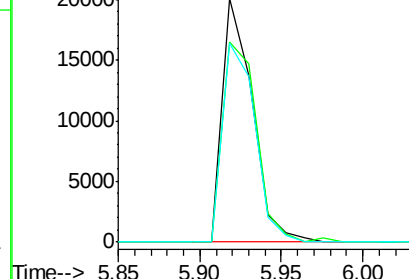
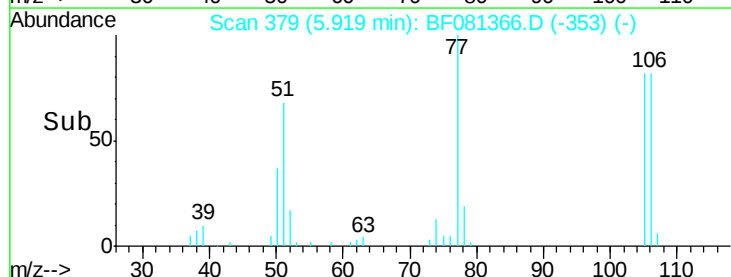
Tgt Ion:	77	Resp:	25463
Ion Ratio	Lower	Upper	
77	100		
105	82.1	91.6	131.6#
106	81.7	102.6	142.6#

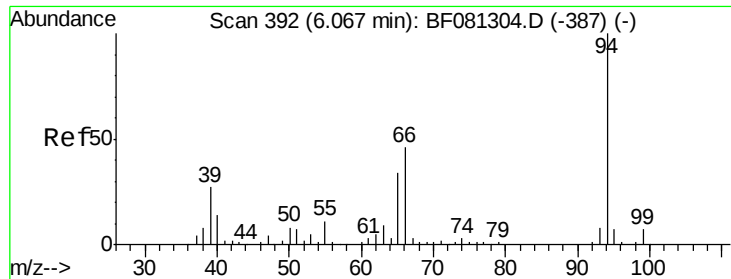


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 13.93 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion: 94 Resp: 114990

Ion Ratio Lower Upper

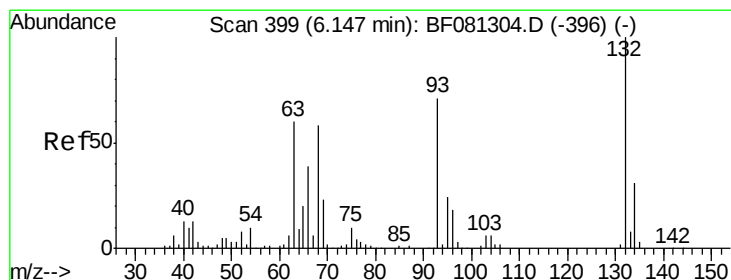
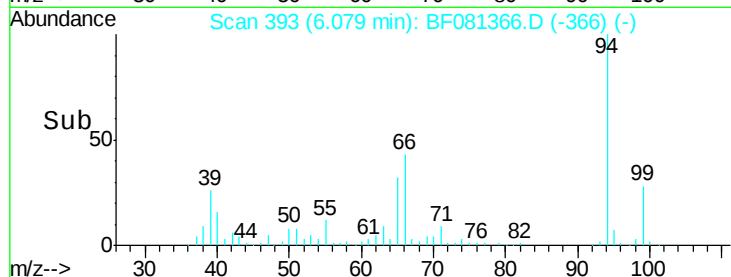
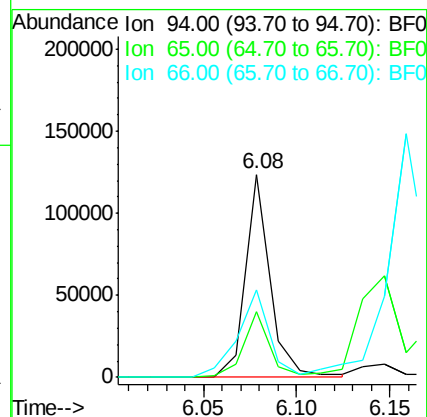
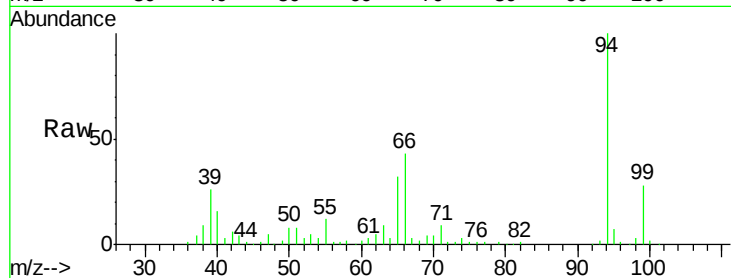
94 100

65 32.3 0.7 40.7

66 43.3 0.8 40.8#

Manual Integrations
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9/3/2015 1:45:00 PM



#11

bis(2-Chloroethyl)ether

Concen: 49.28 ng m

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

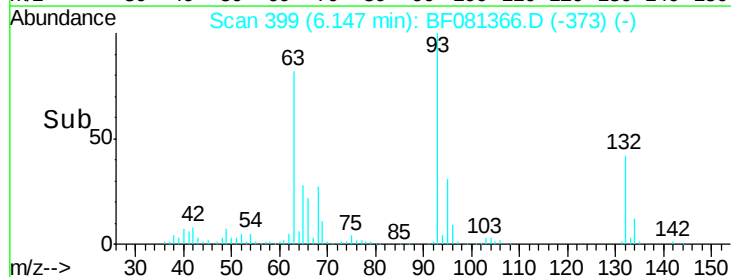
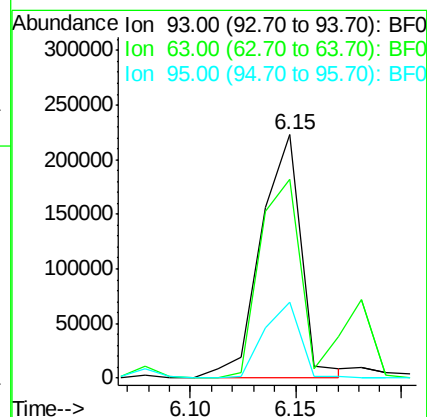
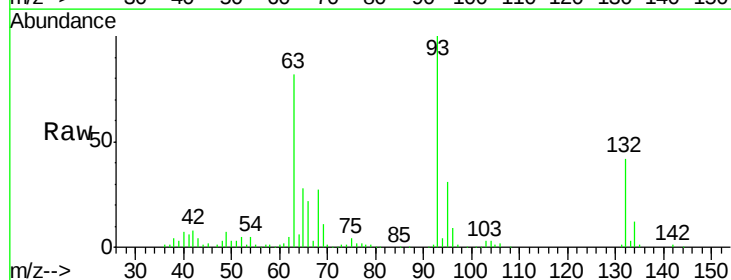
Tgt Ion: 93 Resp: 293427

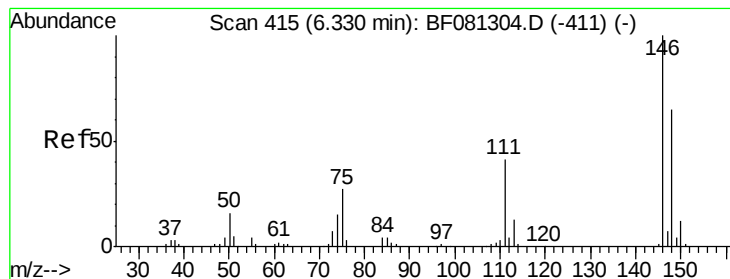
Ion Ratio Lower Upper

93 100

63 81.8 65.6 105.6

95 31.4 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 38.41 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

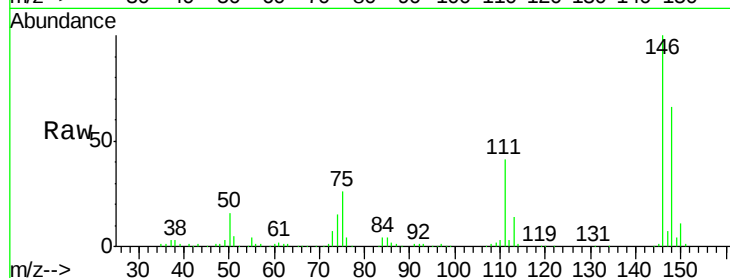
ClientSampleId :

MW-04MS

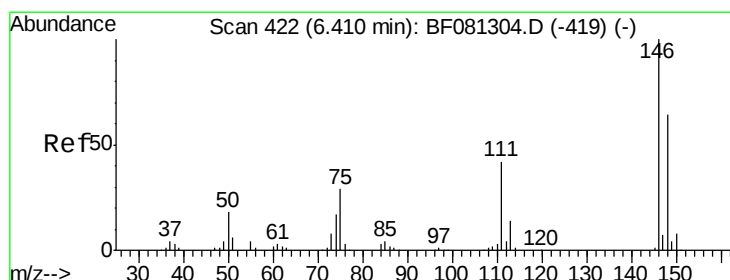
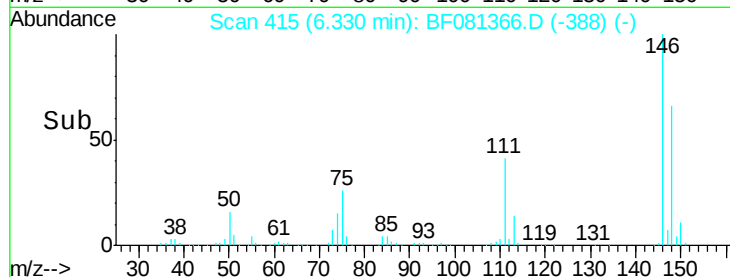
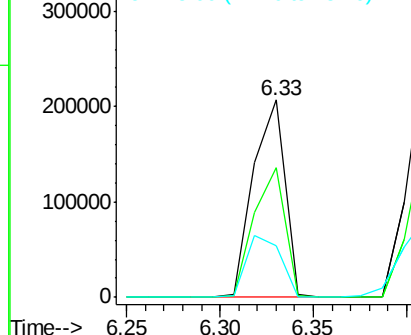
Tgt Ion:	146	Resp:	243121
Ion Ratio		Lower	Upper
146	100		
148	65.5	51.0	76.4
75	26.3	15.0	22.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 38.52 ng

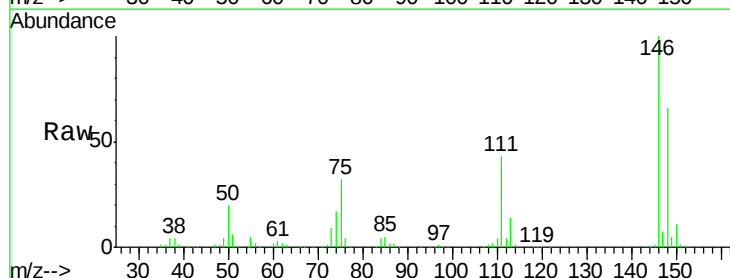
RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

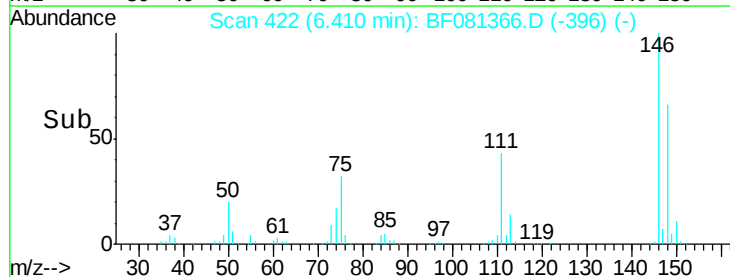
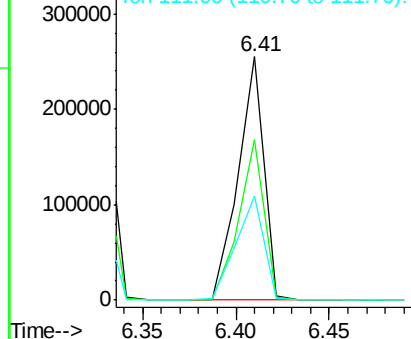
Lab File: BF081366.D

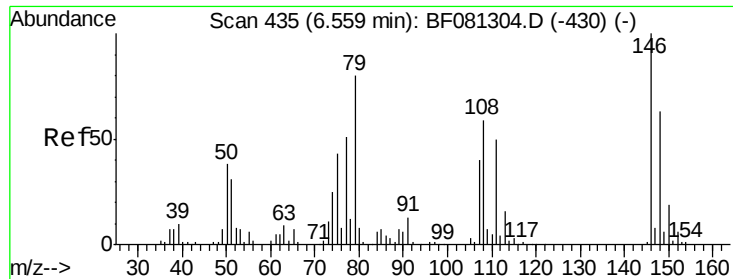
Acq: 3 Sep 2015 00:21

Tgt Ion:	146	Resp:	248229
Ion Ratio		Lower	Upper
146	100		
148	66.0	51.8	77.6
111	42.6	24.9	37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 35.84 ng m

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

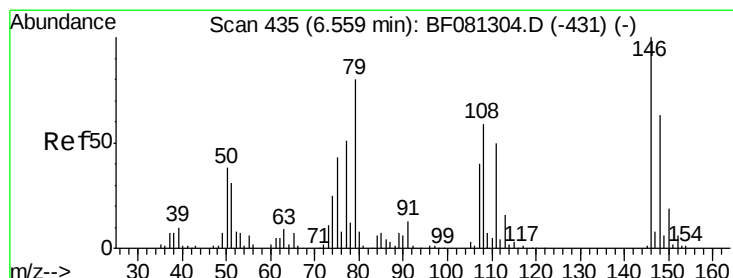
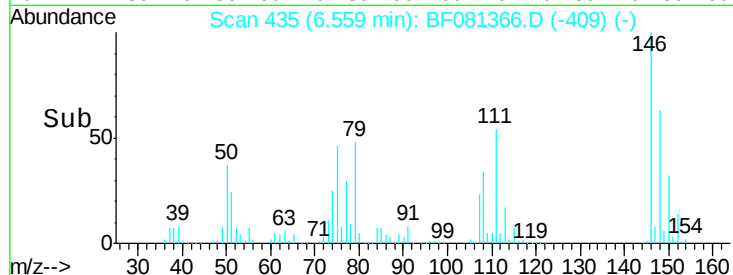
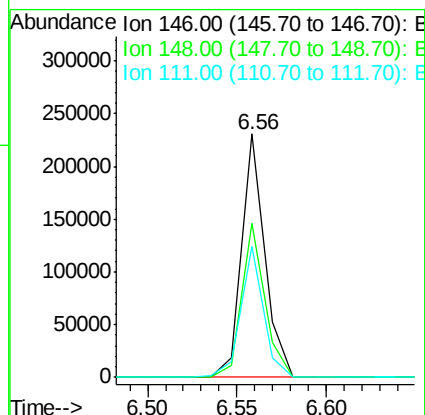
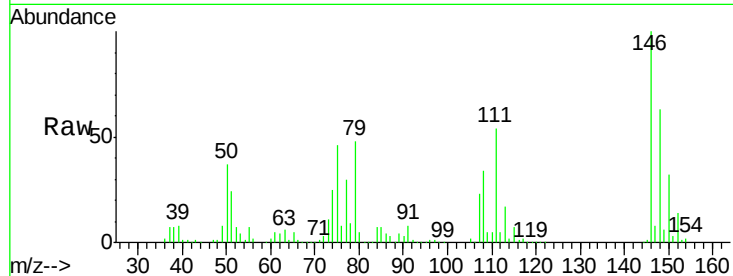
ClientSampleId :

MW-04MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.7	79.1
111	54.0	28.8	43.2

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9/3/2015 1:45:00 PM



#15

Benzyl Alcohol

Concen: 25.93 ng

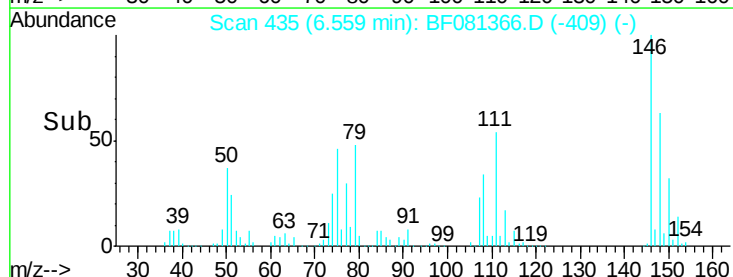
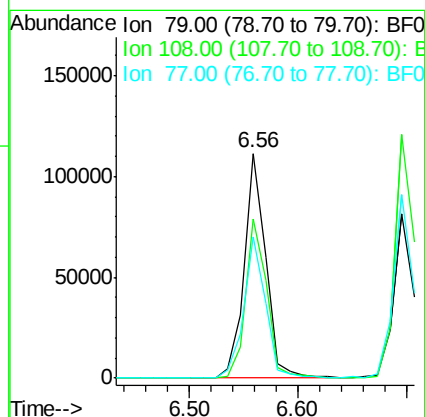
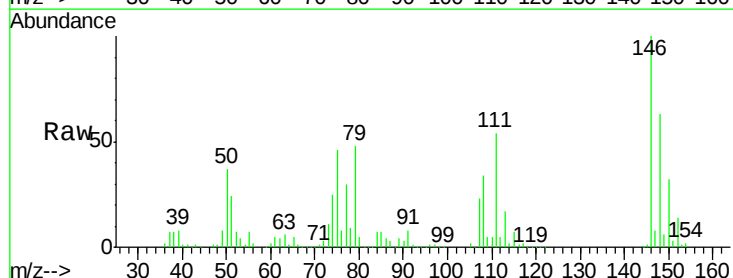
RT: 6.56 min Scan# 435

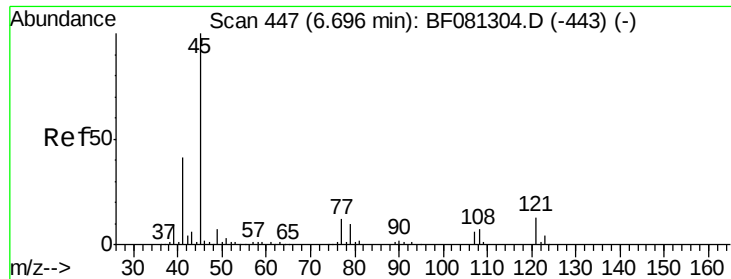
Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.8	88.6	132.8
77	62.7	47.0	70.4





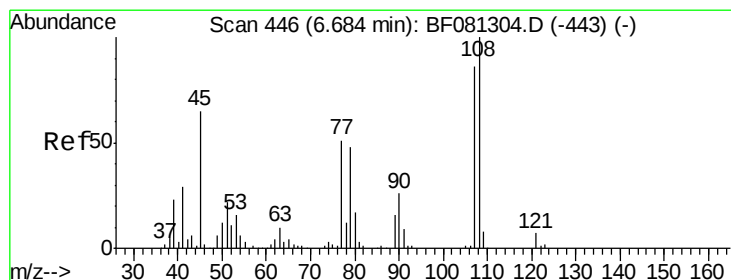
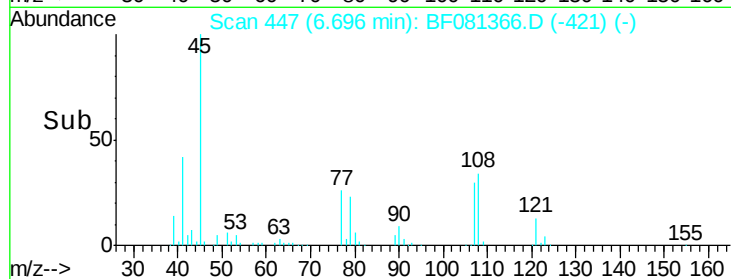
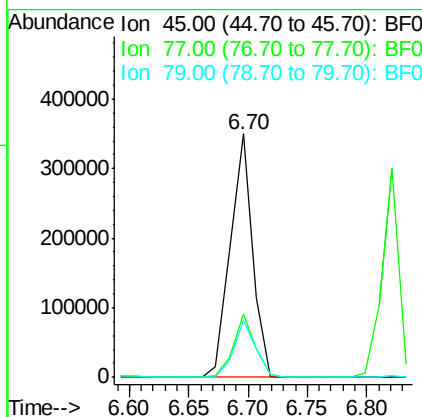
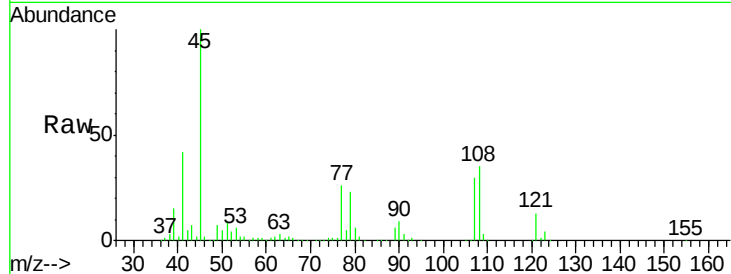
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.82 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	25.9	0.0	28.1
79	23.3	0.0	26.0

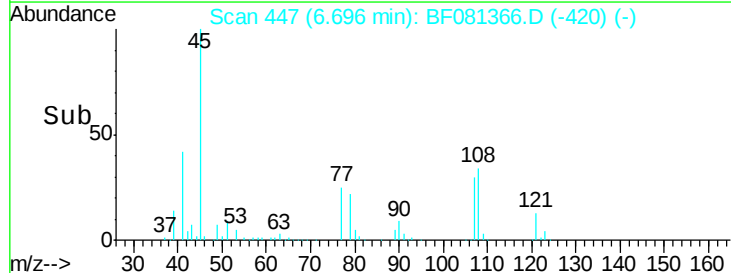
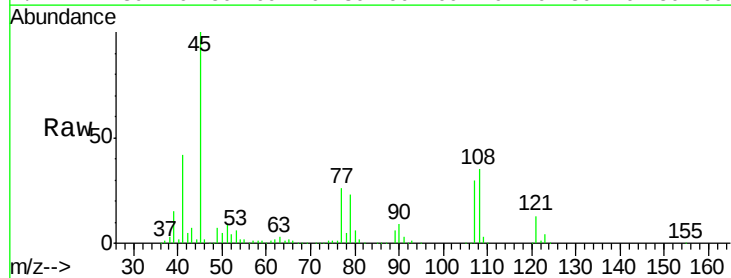
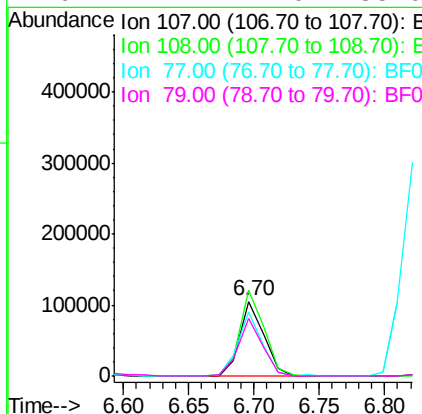
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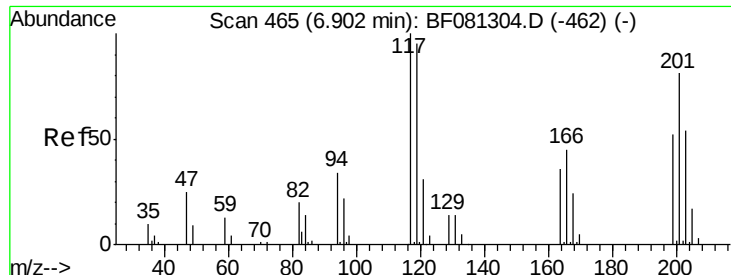
MMDadoda
9/3/2015 1:45:00 PM



#17
2-Methylphenol
Concen: 28.52 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.2	96.6	145.0
77	86.6	23.3	34.9#
79	77.7	22.0	33.0#





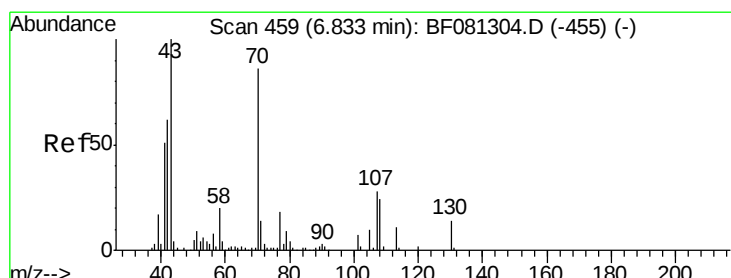
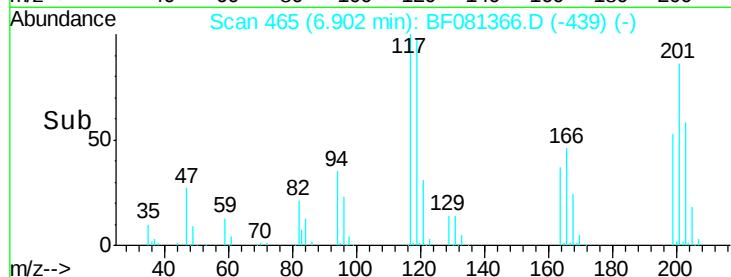
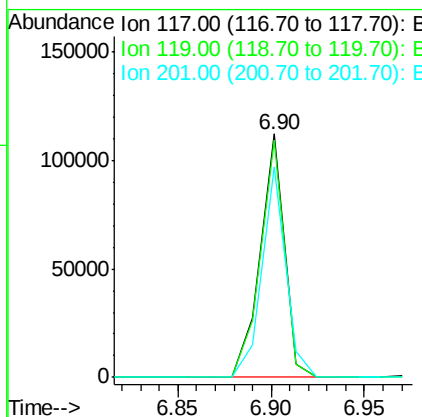
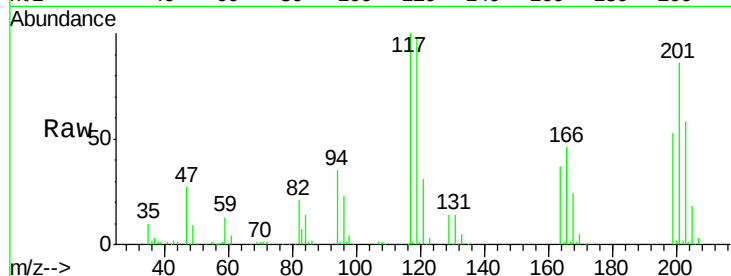
#18
Hexachloroethane
Concen: 39.98 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.5	83.8	125.6
201	86.2	55.1	82.7#

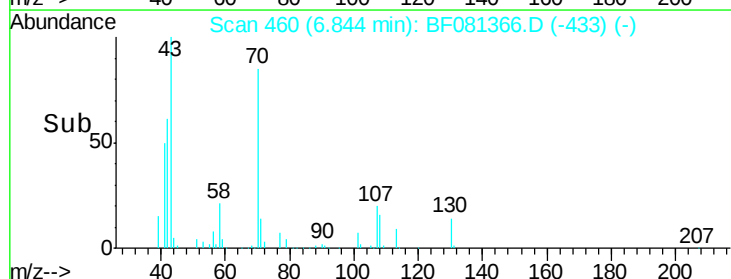
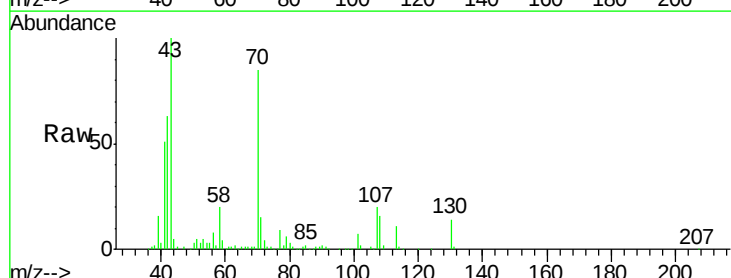
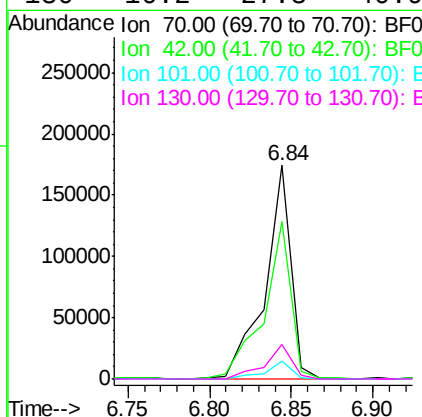
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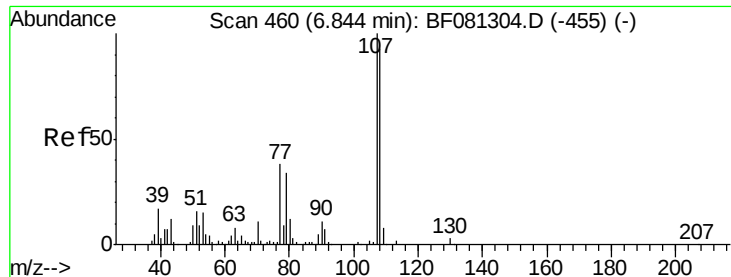
MMDadoda
9/3/2015 1:45:00 PM



#19
n-Nitroso-di-n-propylamine
Concen: 39.70 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	73.9	63.8	95.6
101	8.7	9.2	13.8#
130	16.2	27.3	40.9#





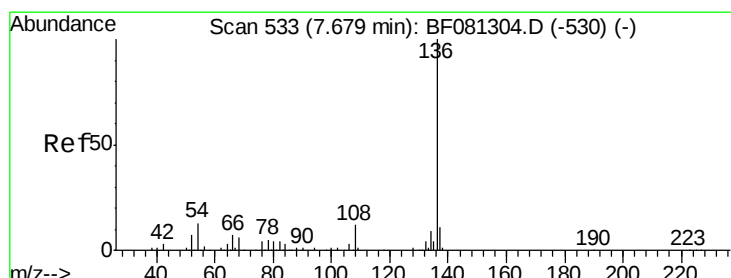
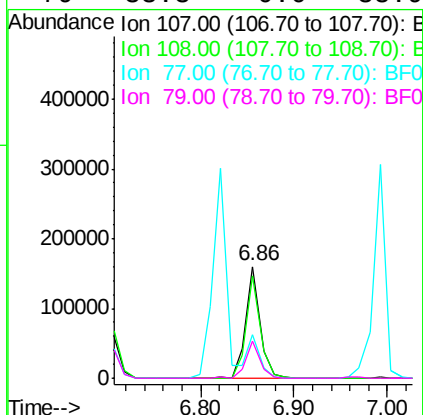
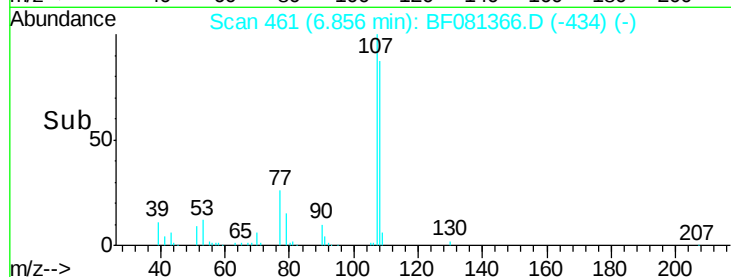
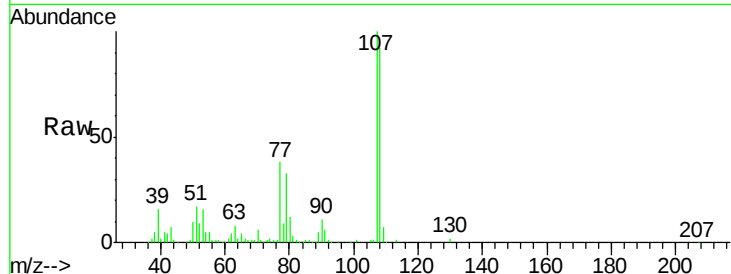
#20
3+4-Methylphenols
Concen: 27.31 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	174058		
108	91.6	74.6	114.6	
77	38.4	0.7	40.7	
79	33.3	0.0	38.9	

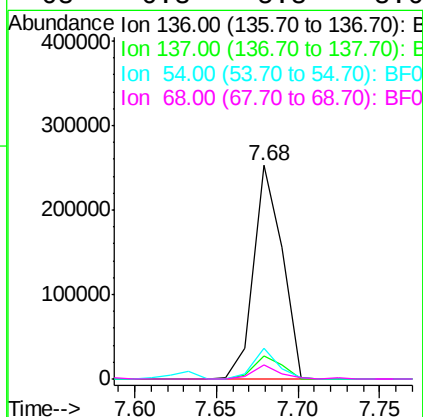
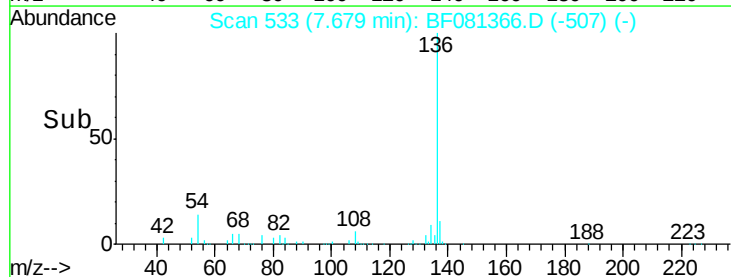
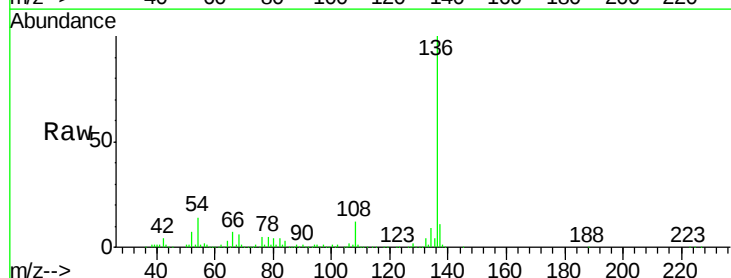
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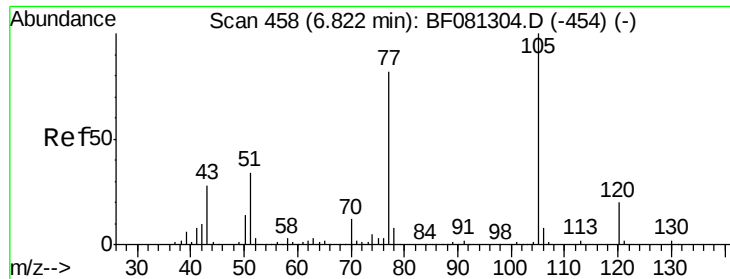
MMDadoda
9/3/2015 1:45:00 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	306593		
137	10.8	9.0	13.6	
54	14.4	8.2	12.2#	
68	6.3	5.8	8.6	





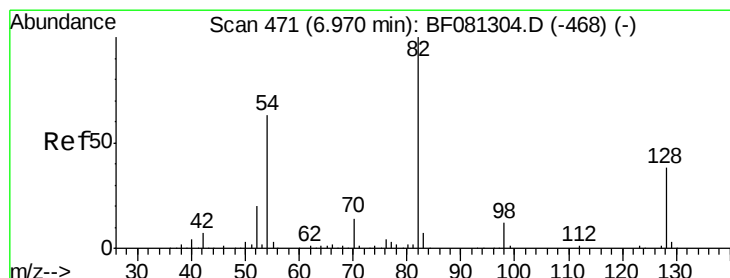
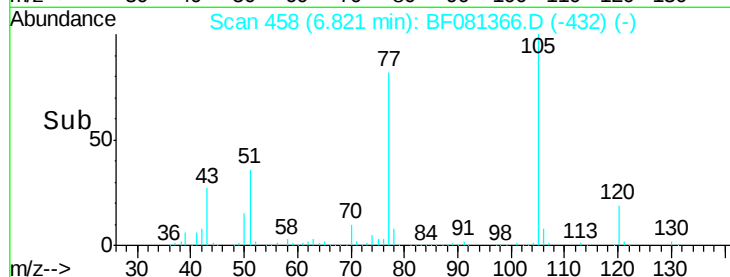
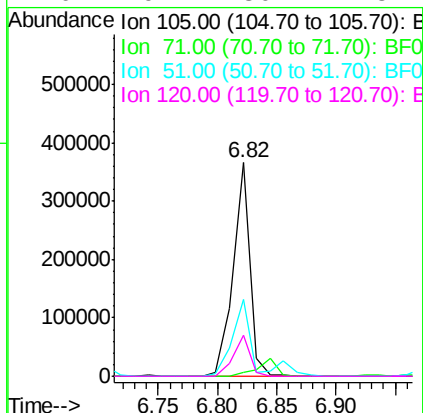
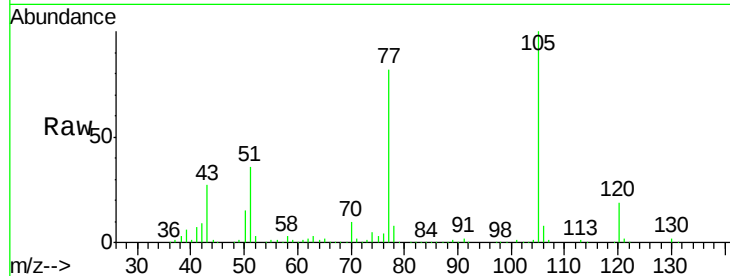
#22
Acetophenone
Concen: 42.90 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359216		
71	1.7	4.7	7.1#	
51	36.0	22.0	33.0#	
120	19.2	30.1	45.1#	

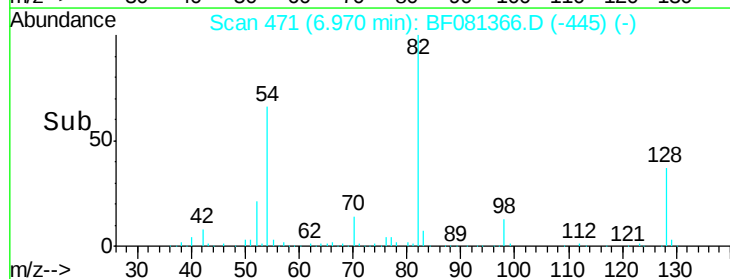
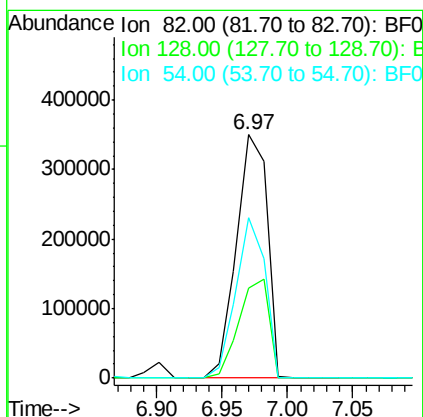
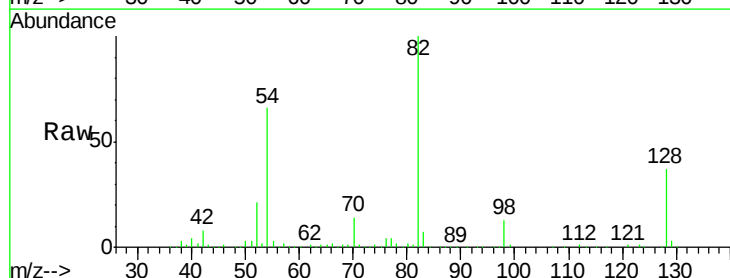
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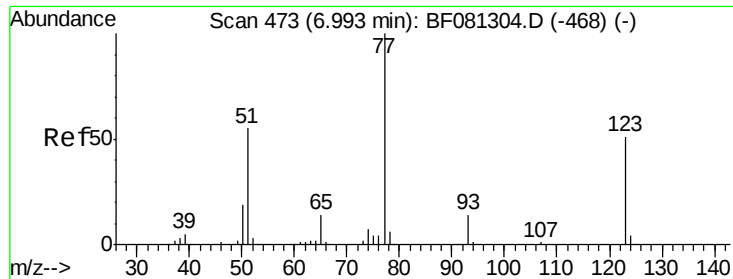
MMDadoda
9/3/2015 1:45:00 PM



#23
Nitrobenzene-d5
Concen: 90.43 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	574653		
128	36.9	51.0	76.6#	
54	65.8	47.5	71.3	





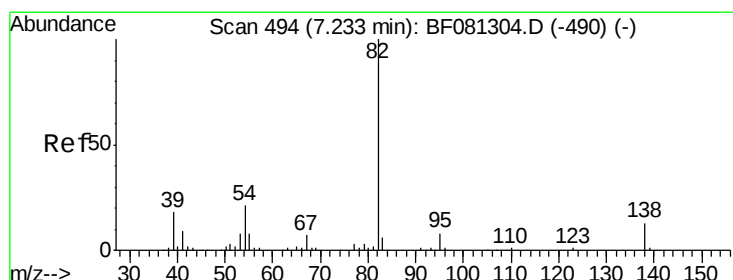
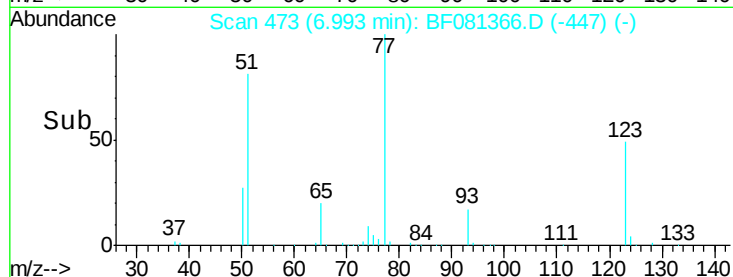
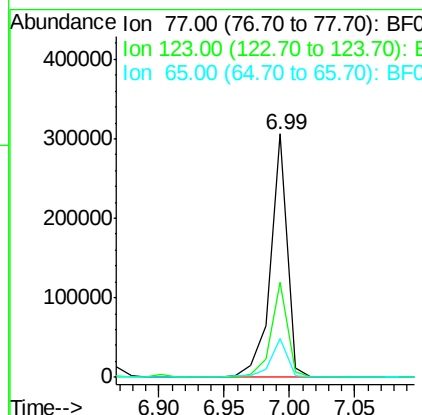
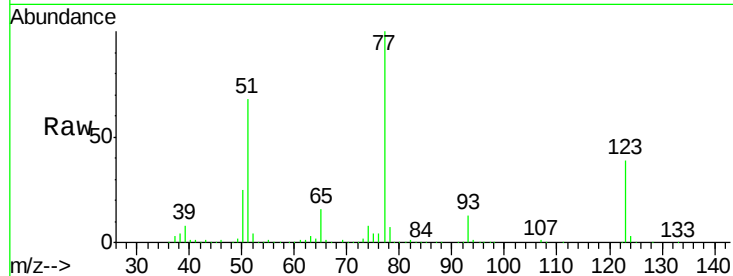
#24
 Nitrobenzene
 Concen: 41.32 ng
 RT: 6.99 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	59.8	89.8#
65	16.0	10.2	15.4#

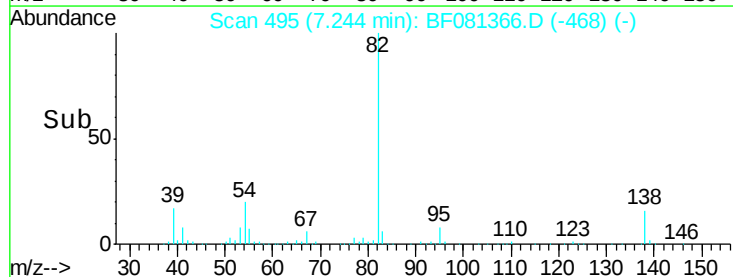
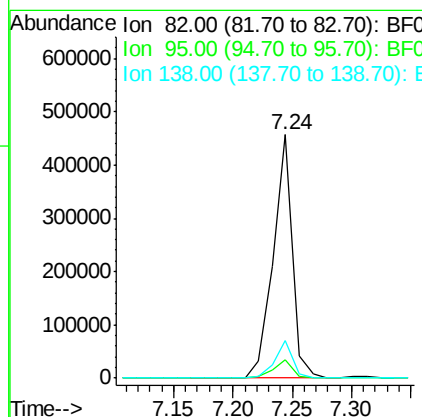
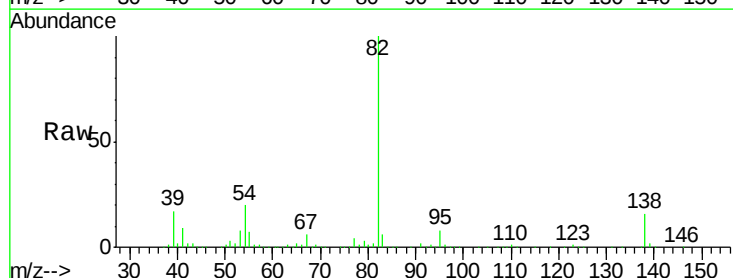
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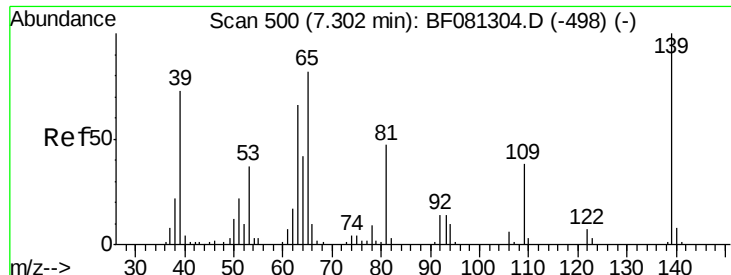
MMDadoda
 9/3/2015 1:45:00 PM



#25
 Isophorone
 Concen: 43.68 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.8	4.0	6.0#
138	15.7	18.3	27.5#





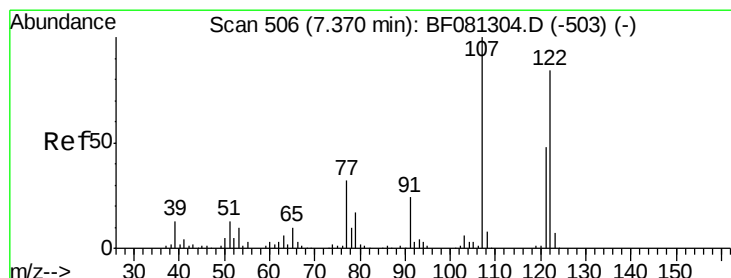
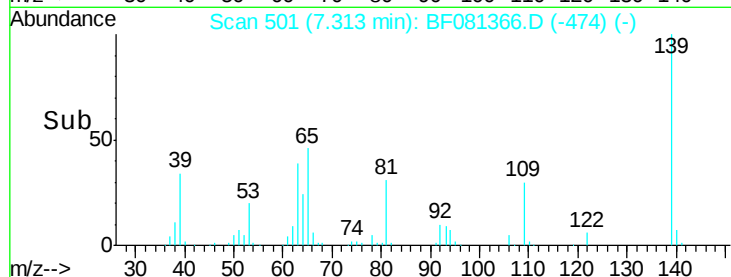
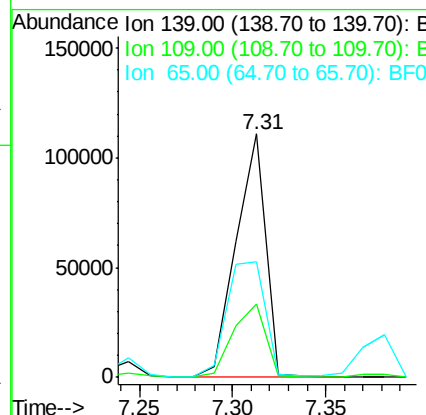
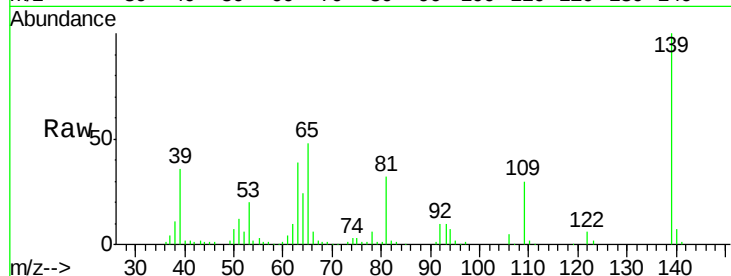
#26
 2-Nitrophenol
 Concen: 42.87 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	123303		
109	30.3	11.0	16.4#	
65	47.6	24.7	37.1#	

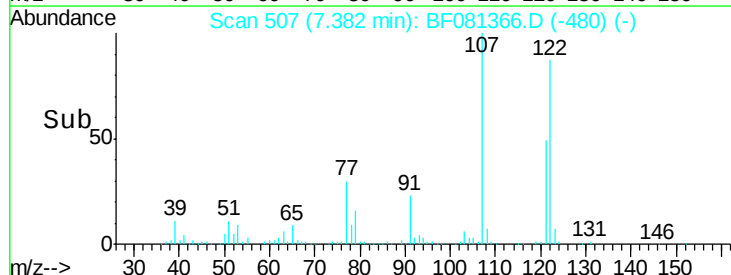
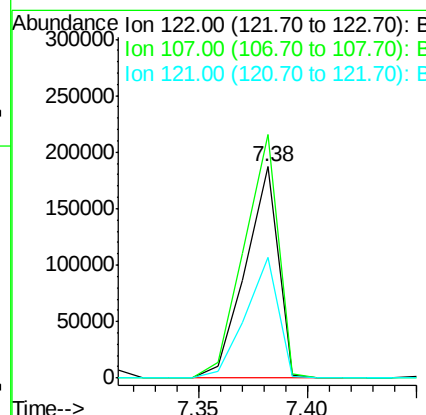
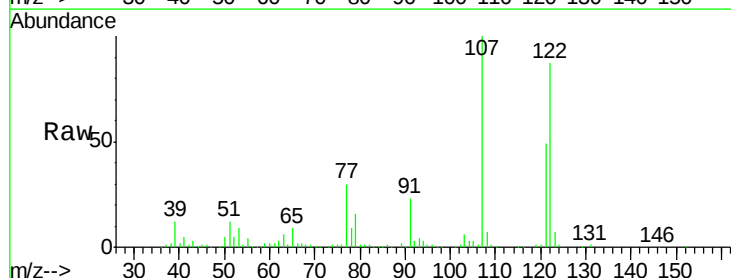
Manual Integrations
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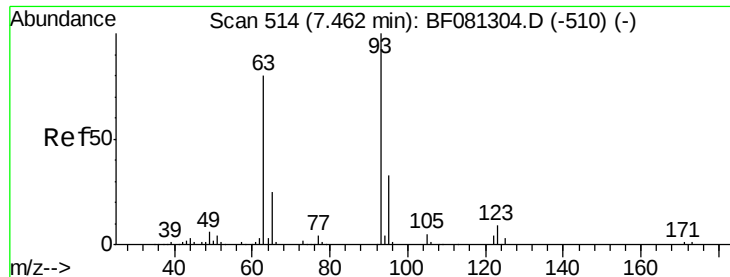
MMDadoda
 9/3/2015 1:45:00 PM



#27
 2,4-Dimethylphenol
 Concen: 39.58 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	196628		
107	115.2	71.8	107.6#	
121	57.0	42.3	63.5	





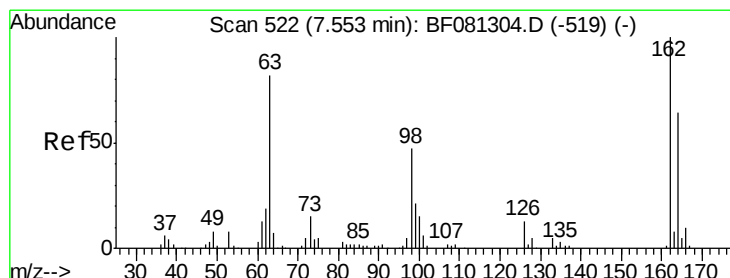
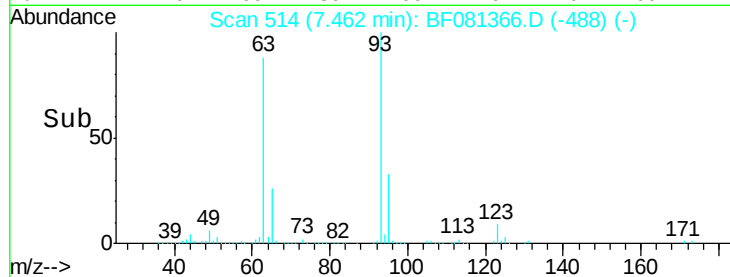
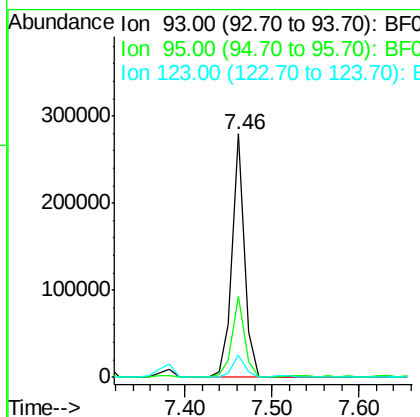
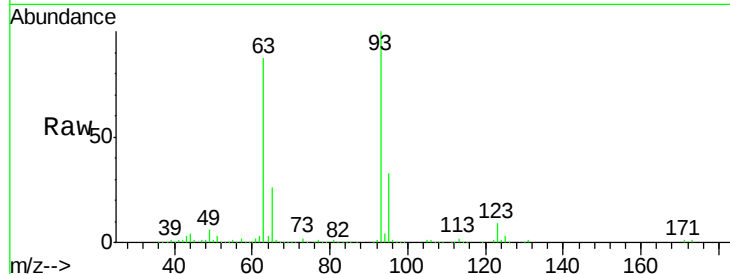
#28
bis(2-Chloroethoxy)methane
Concen: 40.47 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	33.1	27.5	41.3
123	9.0	13.7	20.5#

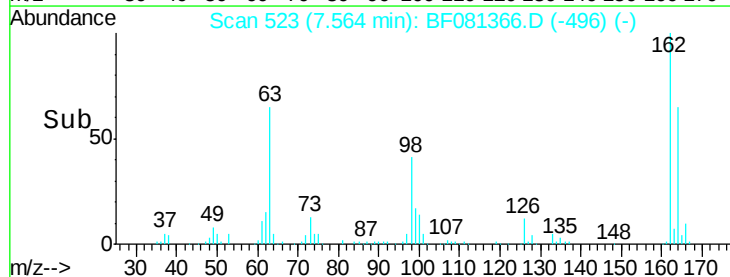
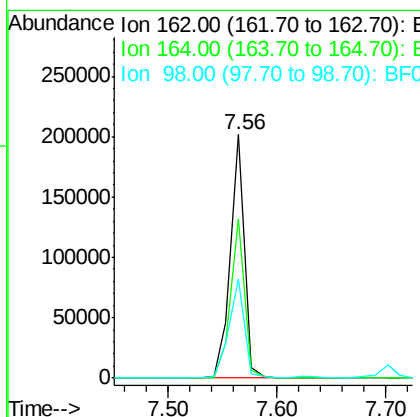
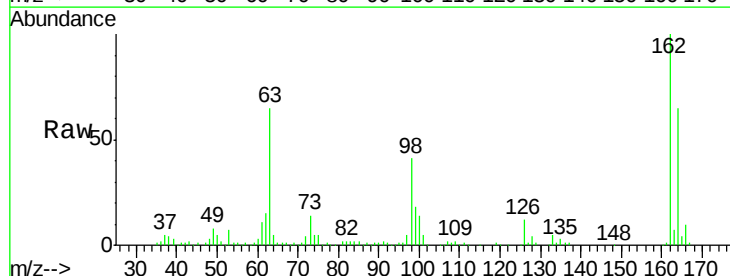
Manual Integrations
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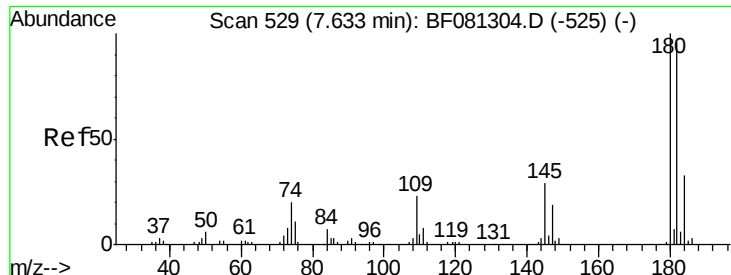
MMDadoda
9/3/2015 1:45:00 PM



#29
2,4-Dichlorophenol
Concen: 41.53 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	44.9	84.9
98	40.8	13.0	53.0





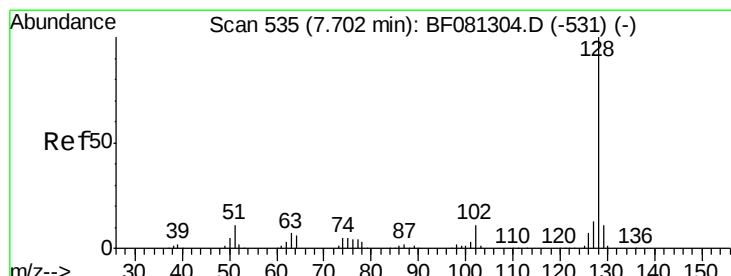
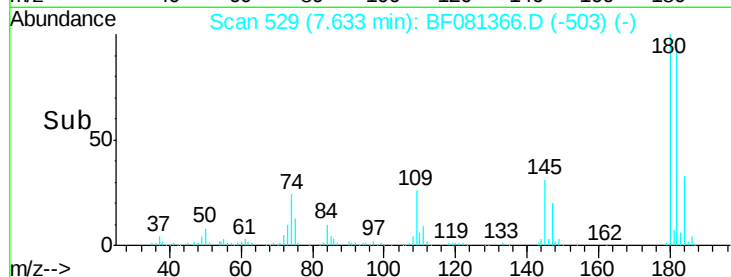
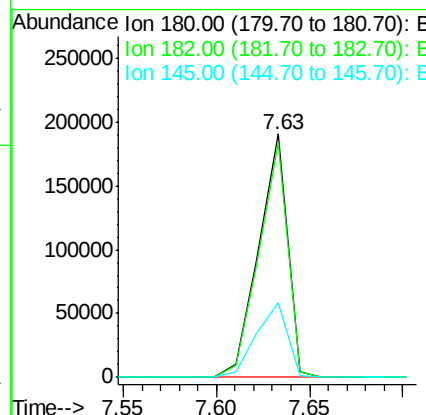
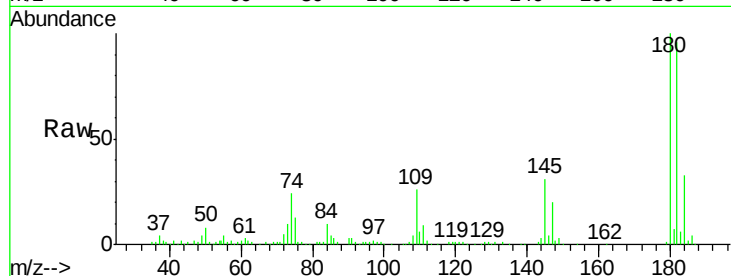
#30
1,2,4-Trichlorobenzene
Concen: 43.45 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203365		
182	96.4	77.1	115.7	
145	30.7	23.3	34.9	

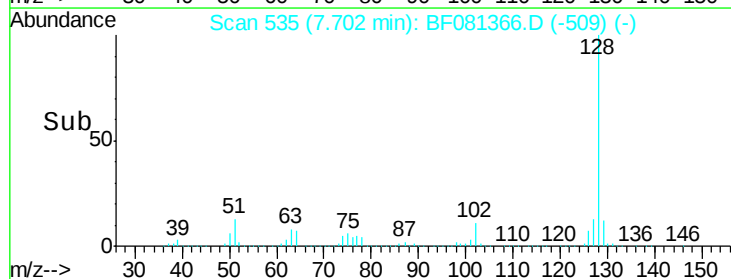
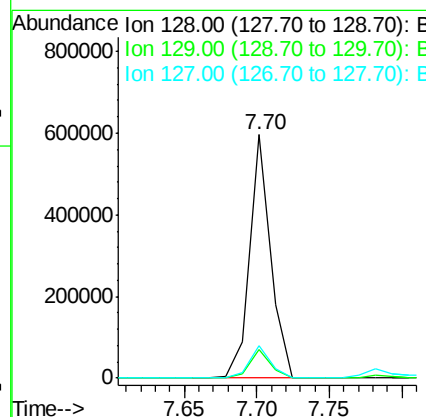
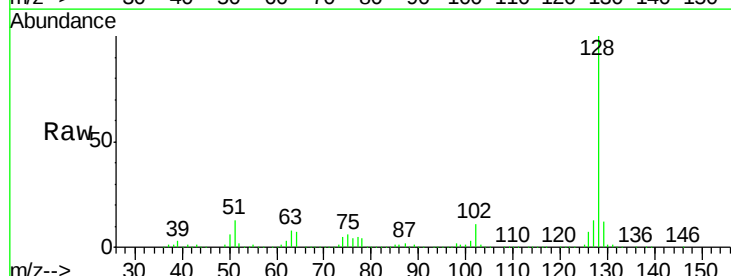
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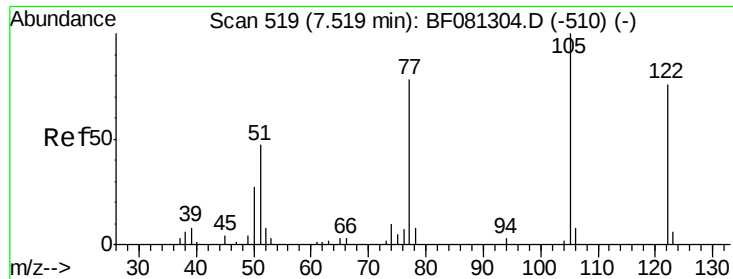
MMDadoda
9/3/2015 1:45:00 PM



#31
Naphthalene
Concen: 36.67 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	599520		
129	11.7	8.4	12.6	
127	13.2	9.9	14.9	





#32

Benzoic acid

Concen: 16.18 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

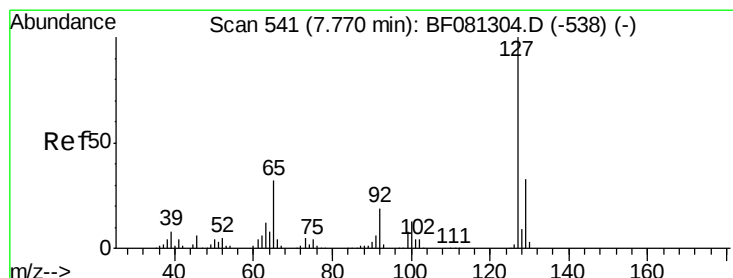
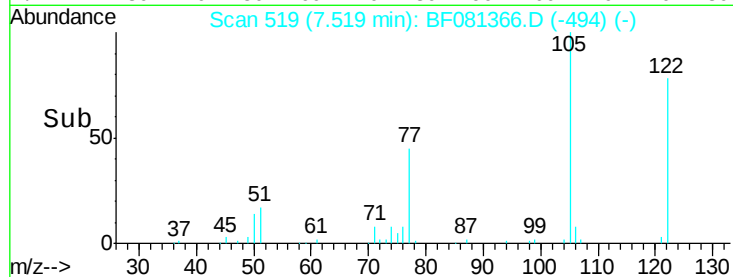
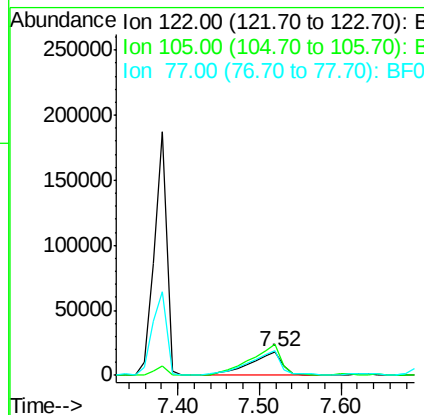
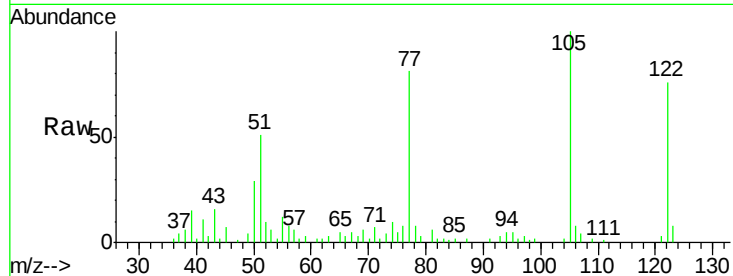
ClientSampleId :

MW-04MS

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MMDadoda
9/3/2015 1:45:00 PM

Tgt Ion:	122	Resp:	51094
Ion Ratio	Lower	Upper	
122	100		
105	131.0	76.1	116.1#
77	105.9	40.5	80.5#



#33

4-Chloroaniline

Concen: 5.59 ng

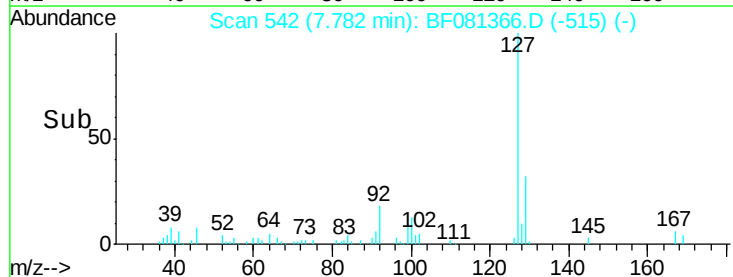
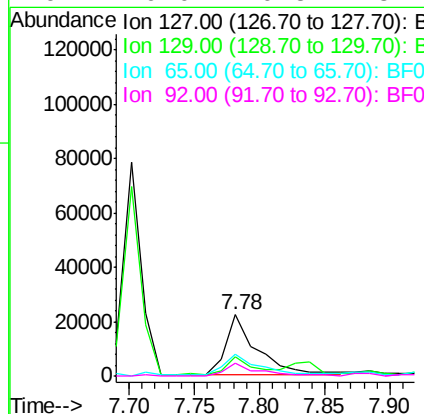
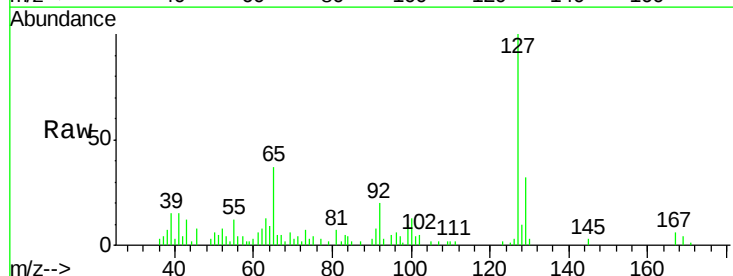
RT: 7.78 min Scan# 542

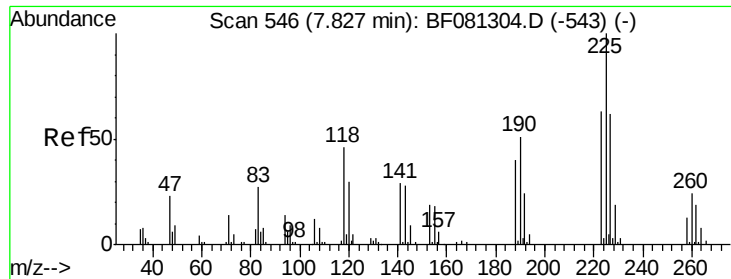
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	127	Resp:	37284
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.6
65	36.7	17.9	26.9#
92	20.0	10.5	15.7#





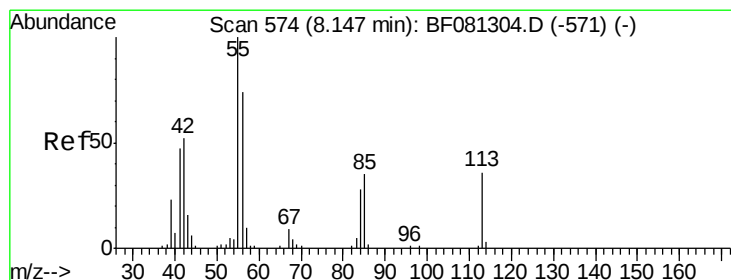
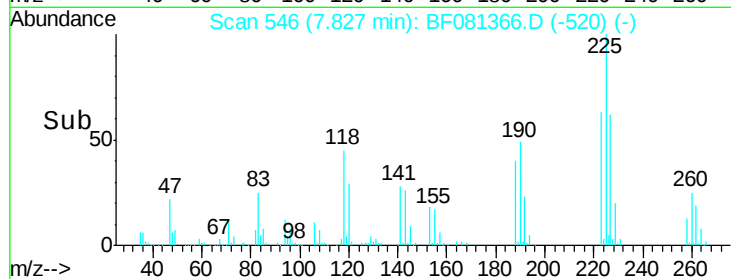
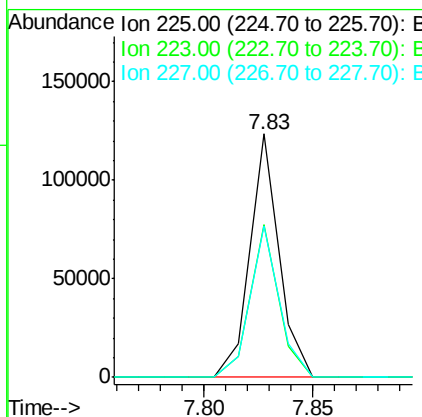
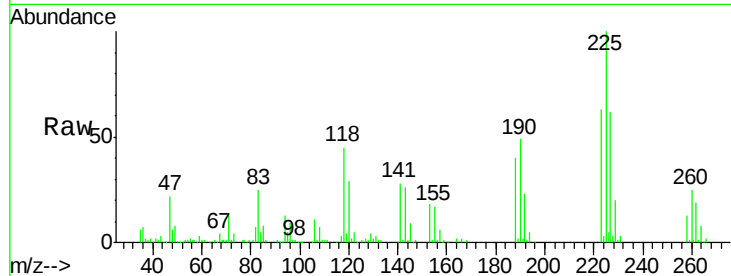
#34
Hexachlorobutadiene
Concen: 40.26 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	62.3	52.2	78.2

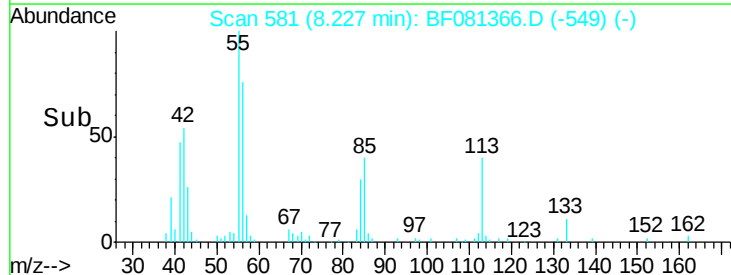
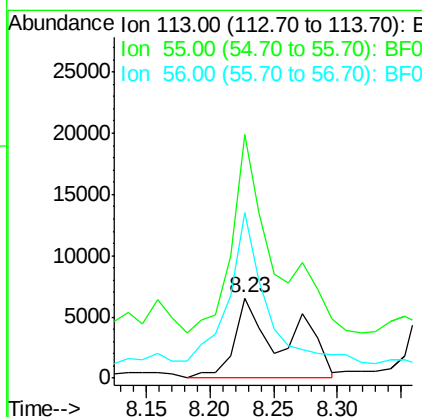
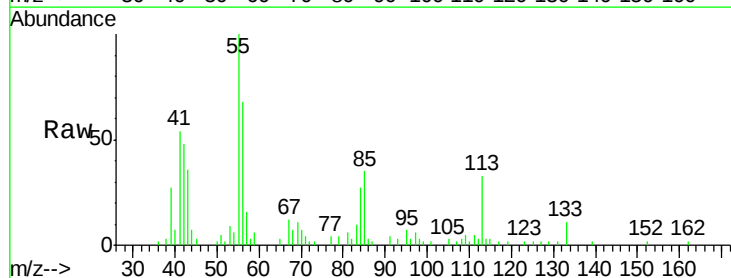
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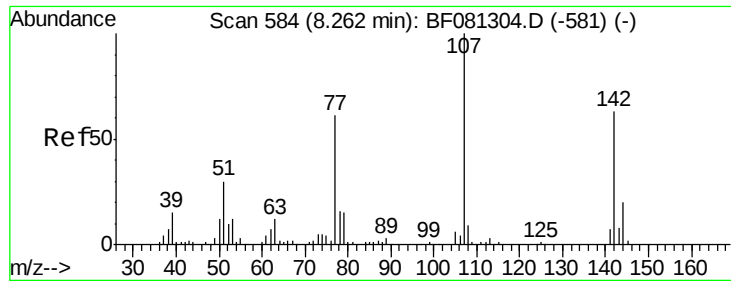
MMDadoda
9/3/2015 1:45:00 PM



#35
Caprolactam
Concen: 13.92 ng m
RT: 8.23 min Scan# 581
Delta R.T. 0.07 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
113	100		
55	303.4	152.4	192.4#
56	206.6	104.6	144.6#





#36

4-Chloro-3-methylphenol

Concen: 38.47 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

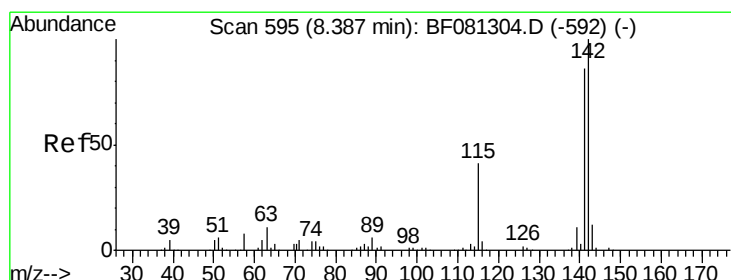
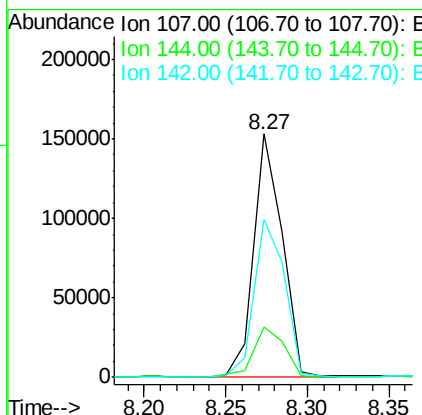
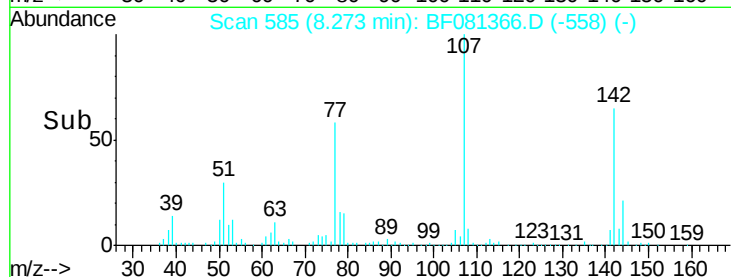
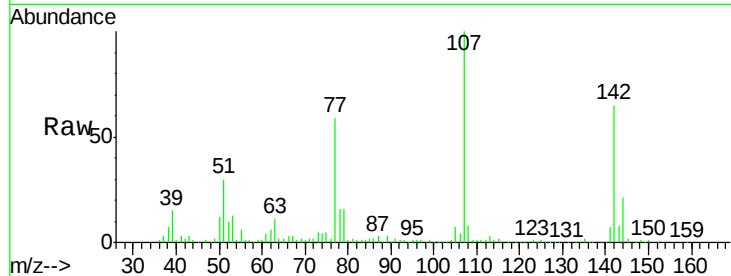
ClientSampleId :

MW-04MS

Manual Integrations
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MMDadoda
9/3/2015 1:45:00 PM

Tgt Ion:	107	Resp:	185480
Ion Ratio	Lower	Upper	
107	100		
144	20.7	25.4	38.0#
142	64.7	77.3	115.9#



#37

2-Methylnaphthalene

Concen: 42.94 ng

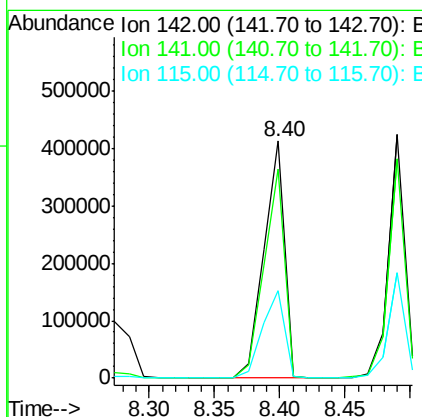
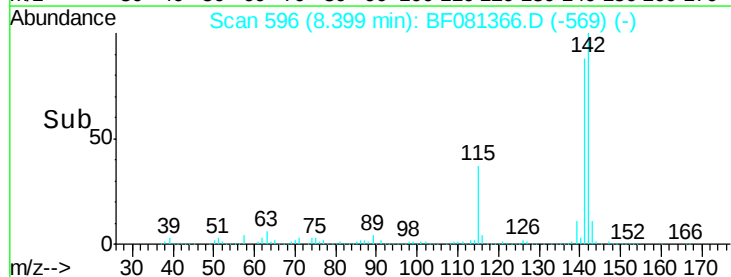
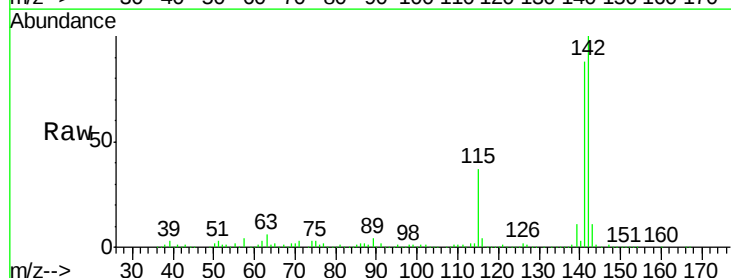
RT: 8.40 min Scan# 596

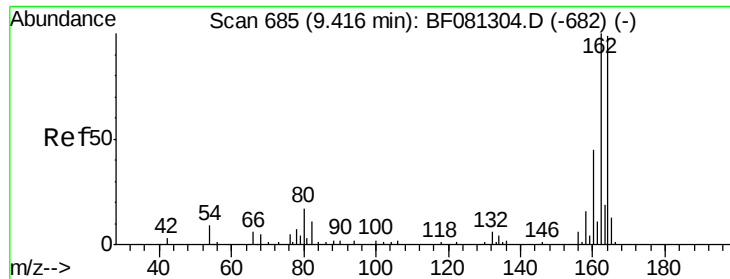
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	142	Resp:	456922
Ion Ratio	Lower	Upper	
142	100		
141	88.1	67.5	101.3
115	36.6	18.2	27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF081366.D

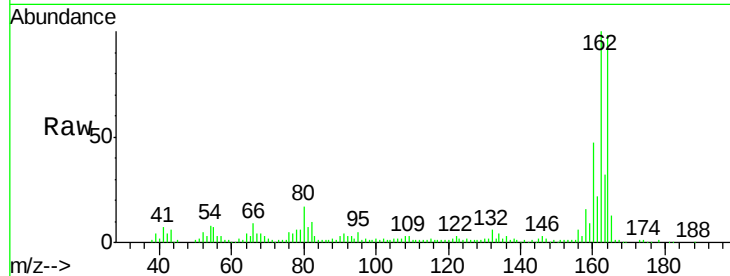
Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

MW-04MS



Tgt Ion:164 Resp: 139566

Ion Ratio Lower Upper

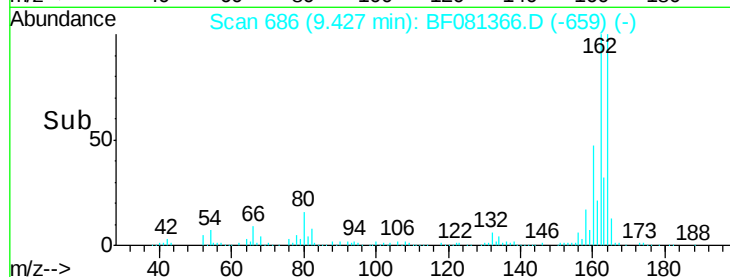
164 100

162 102.1 75.2 112.8

160 48.4 31.5 47.3#

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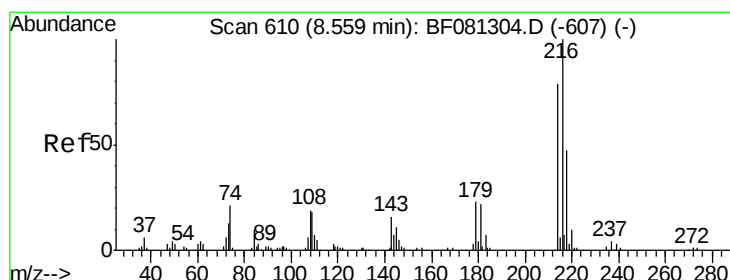
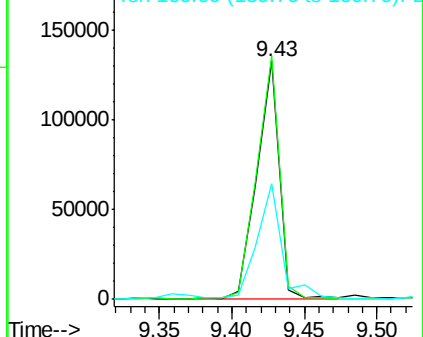
MMDadoda
9/3/2015 1:45:00 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.42 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:216 Resp: 165146

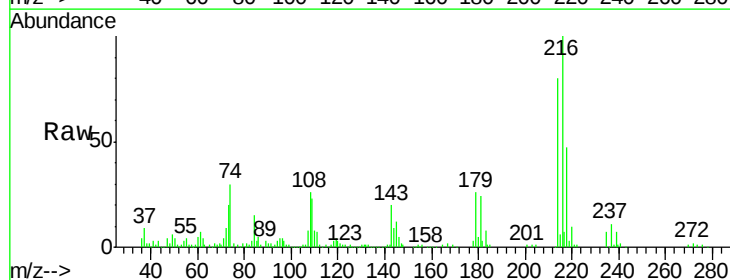
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 23.7 16.6 24.8

108 25.0 16.3 24.5#

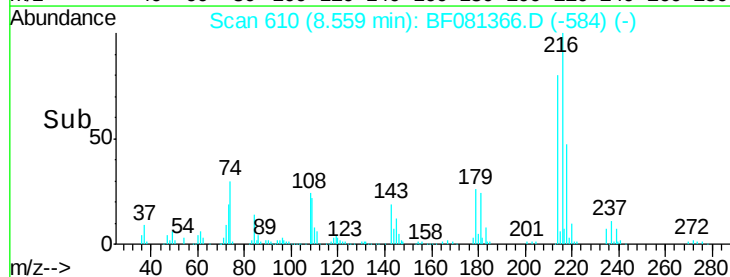
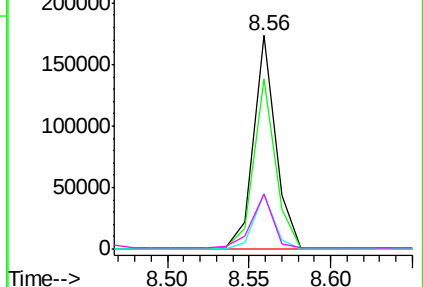


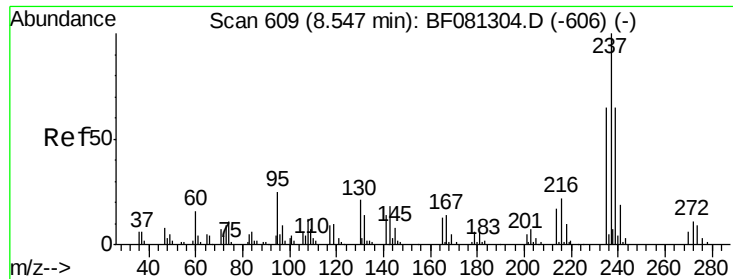
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





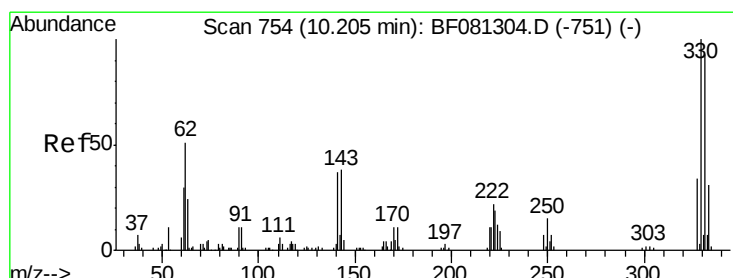
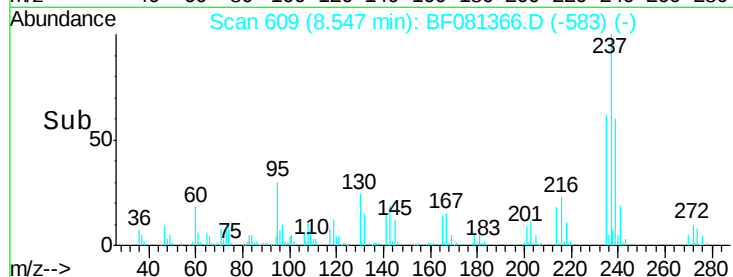
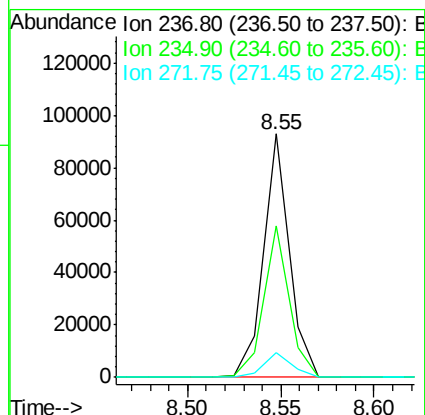
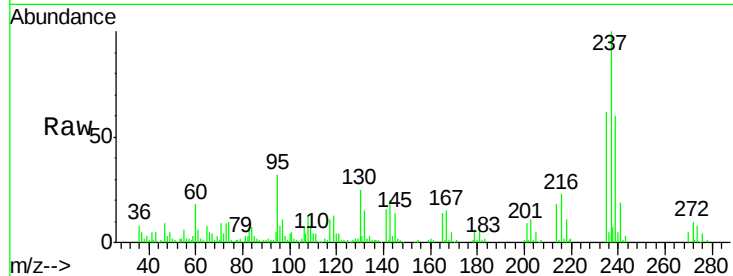
#40
Hexachlorocyclopentadiene
Concen: 40.84 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.2	42.0	82.0
272	10.4	0.0	36.1

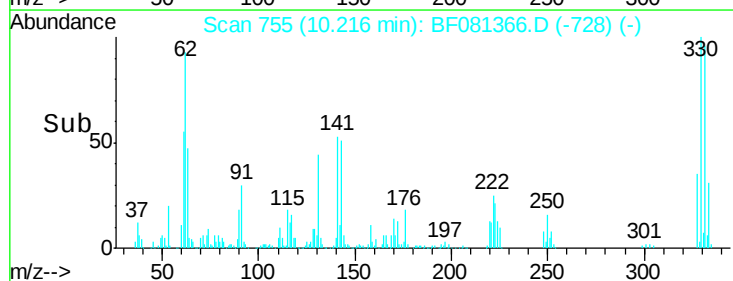
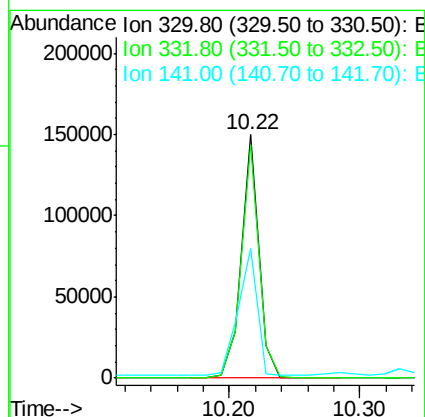
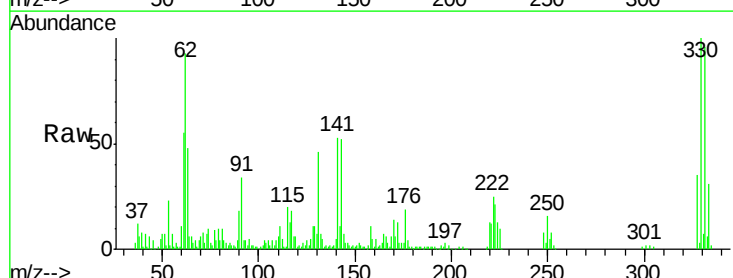
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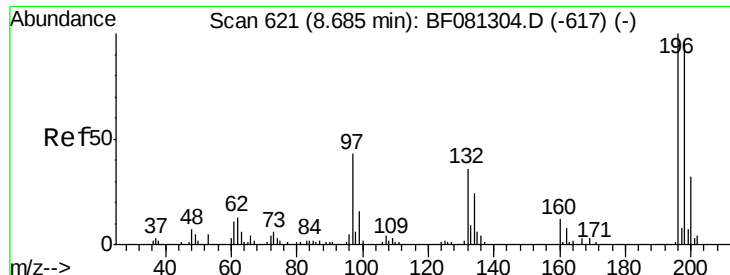
MMDadoda
9/3/2015 1:45:00 PM



#41
2,4,6-Tribromophenol
Concen: 111.12 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

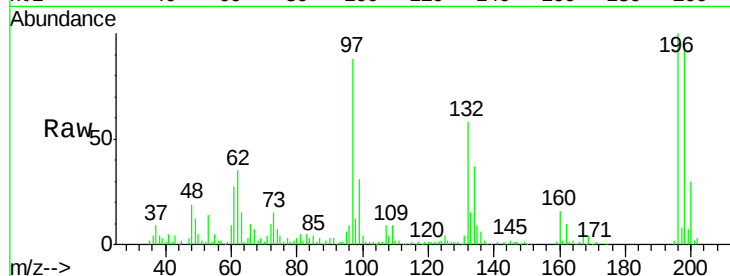
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	76.6	114.8
141	57.5	29.7	44.5#





#42
 2,4,6-Trichlorophenol
 Concen: 38.07 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

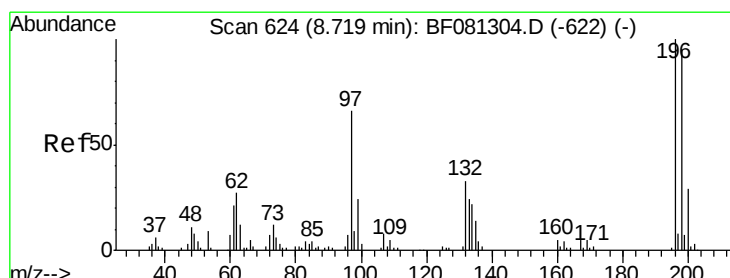
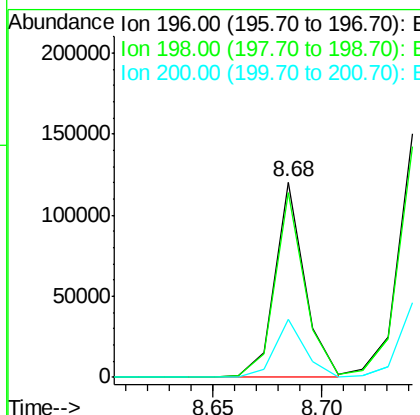
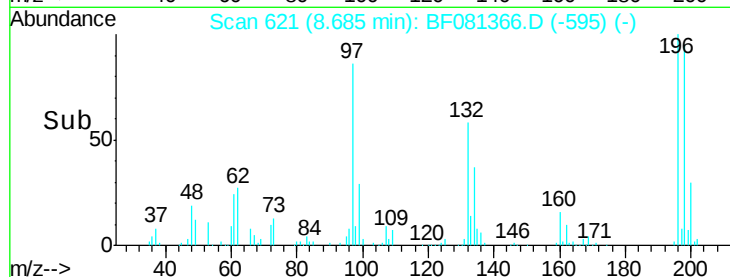
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS



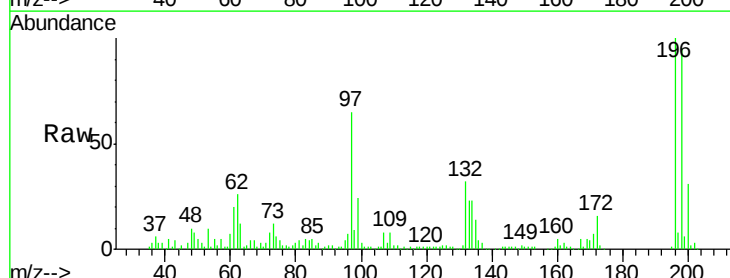
Tgt Ion:	196	Resp:	115961
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
200	29.8	23.9	35.9

Manual Integrations
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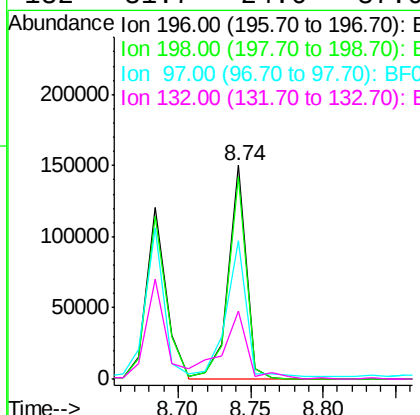
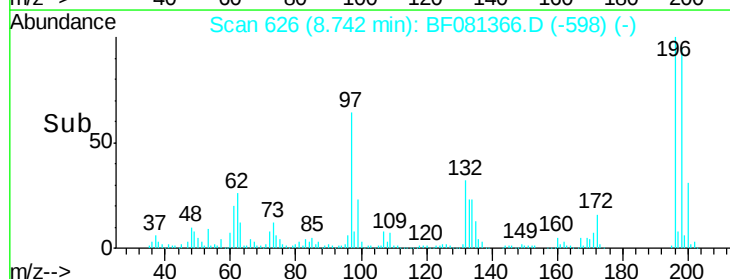
MMDadoda
 9/3/2015 1:45:00 PM

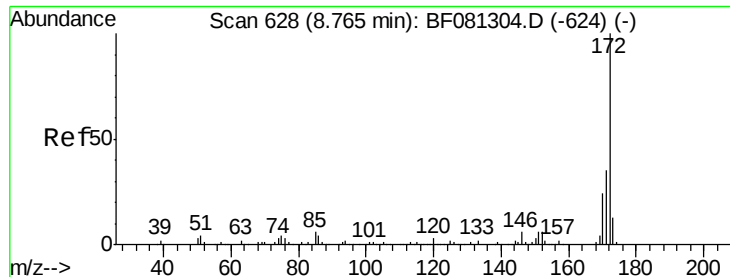


#43
 2,4,5-Trichlorophenol
 Concen: 41.39 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.02 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21



Tgt Ion:	196	Resp:	128637
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.4	113.0
97	65.0	33.3	49.9#
132	31.7	24.6	37.0





#44

2-Fluorobiphenyl

Concen: 78.40 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

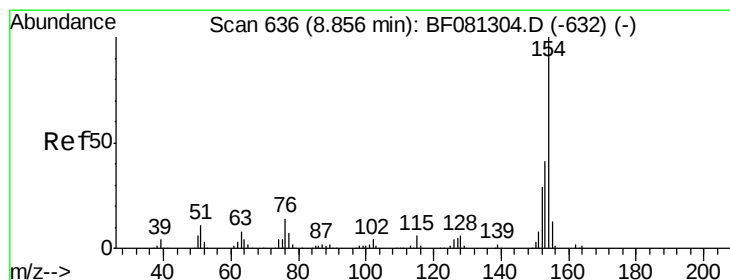
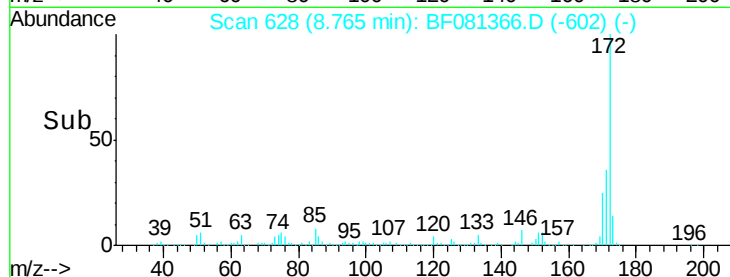
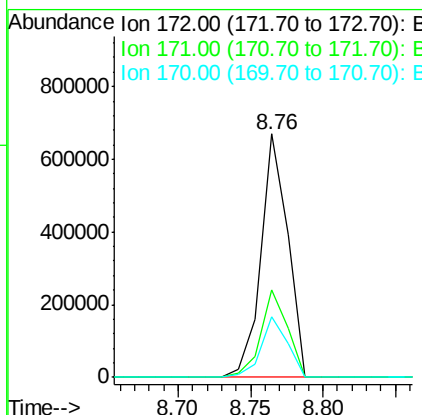
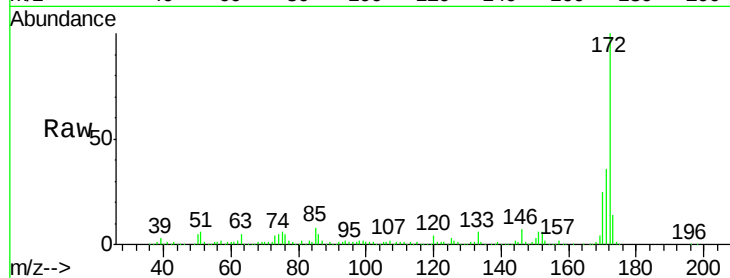
ClientSampleId :

MW-04MS

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9/3/2015 1:45:00 PM

Tgt Ion:	172	Resp:	853878
Ion Ratio	Lower	Upper	
172	100		
171	35.7	26.1	39.1
170	24.7	17.4	26.2



#45

1,1'-Biphenyl

Concen: 43.02 ng

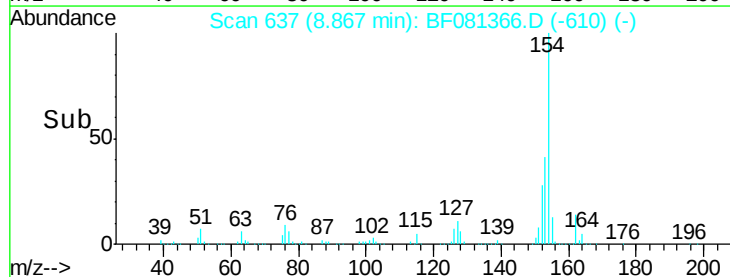
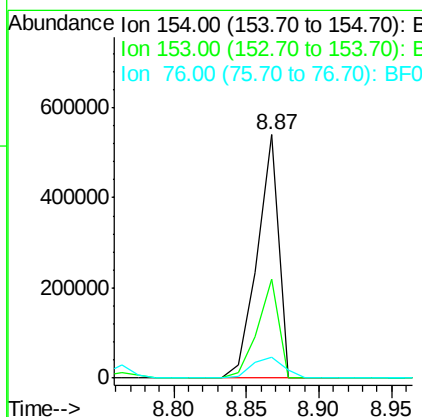
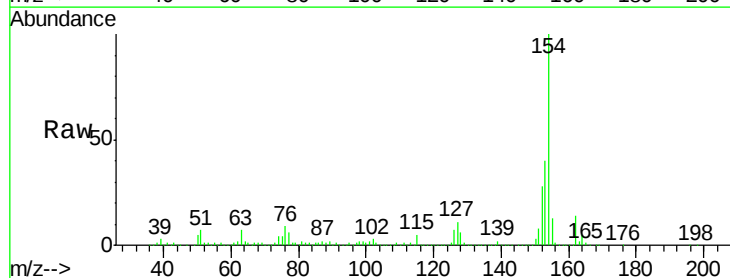
RT: 8.87 min Scan# 637

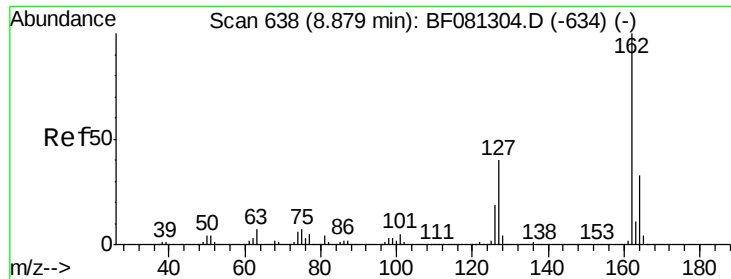
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	154	Resp:	552438
Ion Ratio	Lower	Upper	
154	100		
153	40.4	17.1	57.1
76	8.6	0.0	31.6





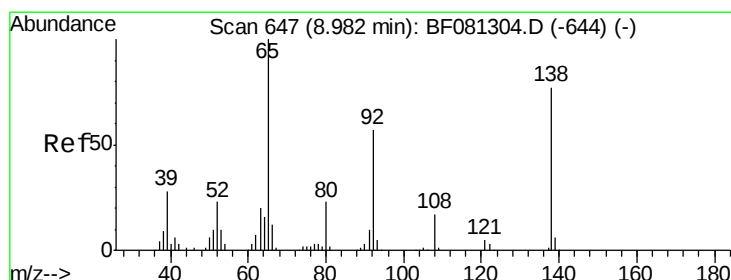
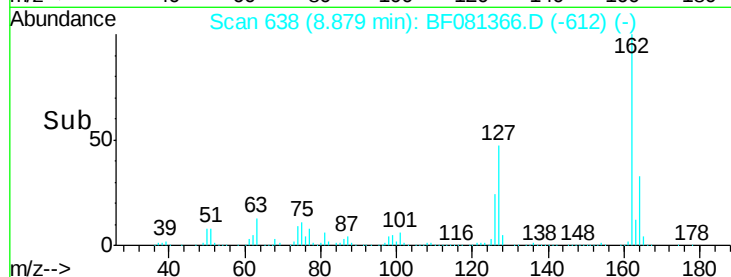
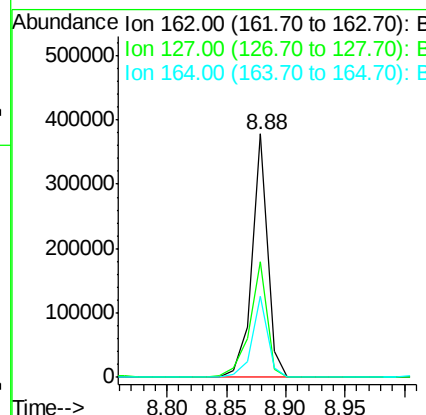
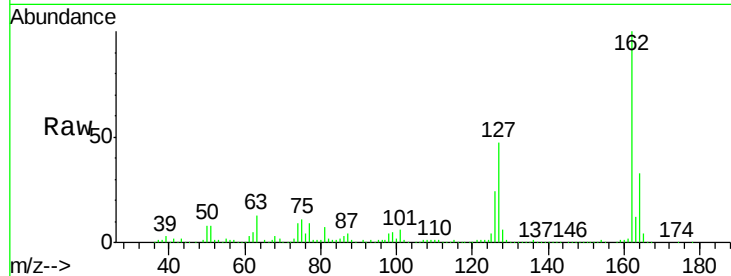
#46
 2-Chloronaphthalene
 Concen: 37.83 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	350782		
127	47.3	27.6	41.4#	
164	33.1	25.4	38.2	

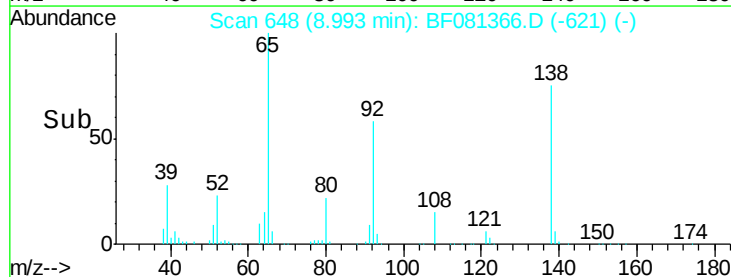
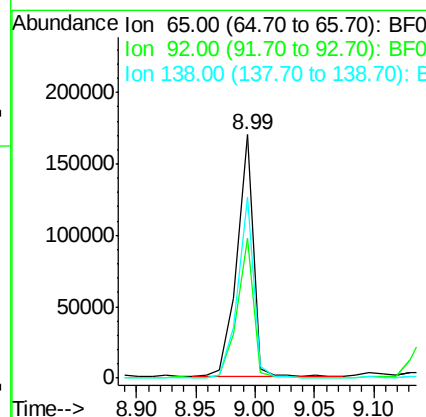
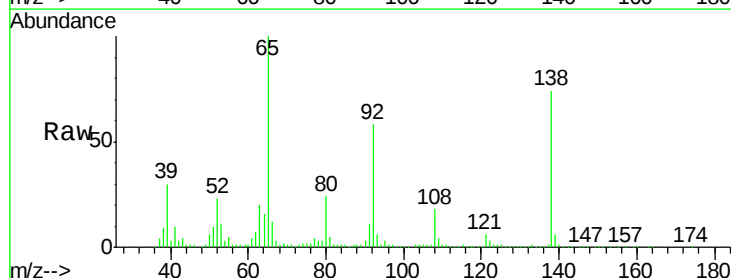
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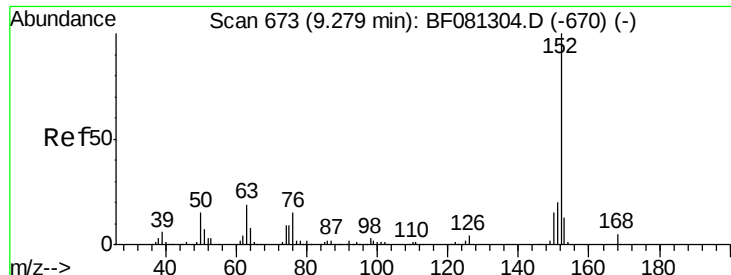
MMDadoda
 9/3/2015 1:45:00 PM



#47
 2-Nitroaniline
 Concen: 43.06 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	162727		
92	57.7	55.4	83.0	
138	74.3	115.5	173.3#	





#48

Acenaphthylene

Concen: 37.56 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

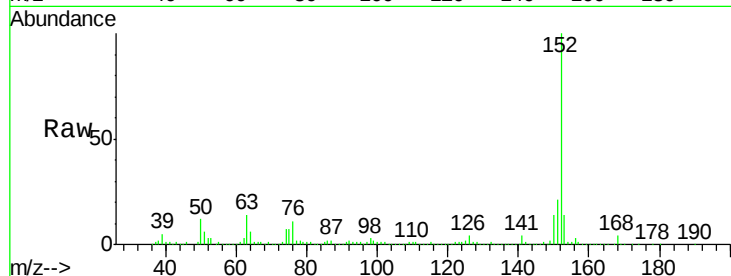
ClientSampleId :

MW-04MS

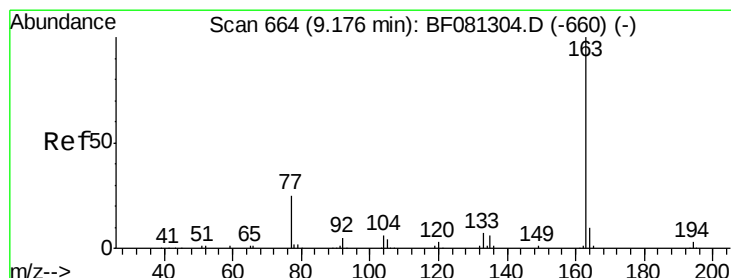
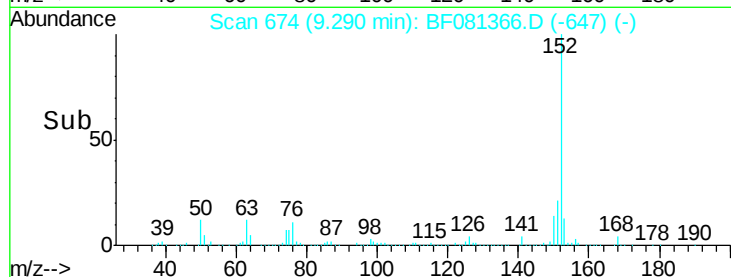
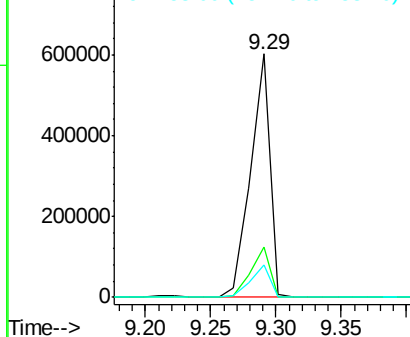
Tgt Ion:	152	Resp:	617797
Ion Ratio	Lower	Upper	
152	100		
151	20.6	14.6	22.0
153	13.6	10.3	15.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.68 ng

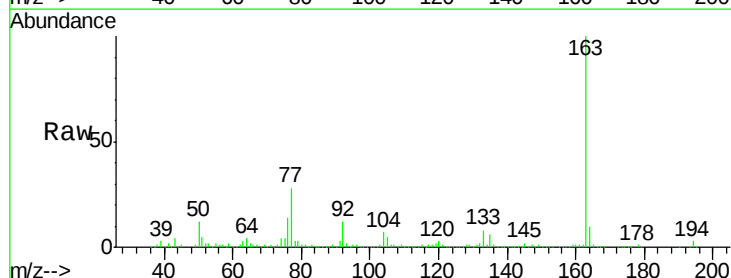
RT: 9.19 min Scan# 665

Delta R.T. 0.01 min

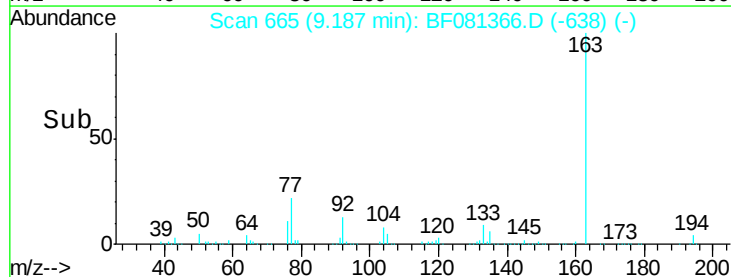
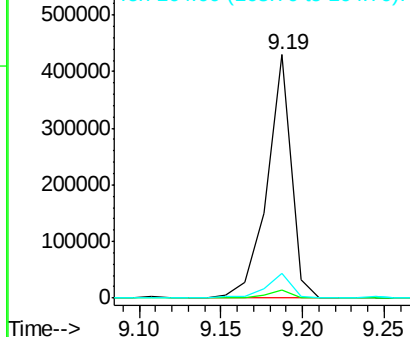
Lab File: BF081366.D

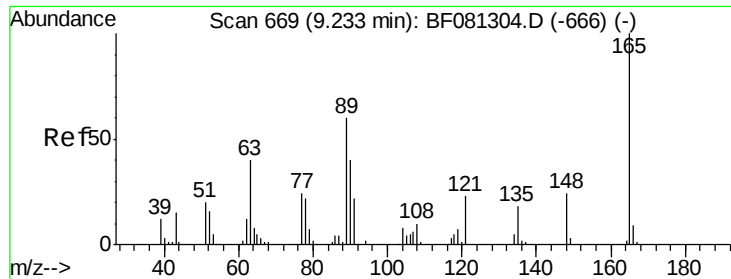
Acq: 3 Sep 2015 00:21

Tgt Ion:	163	Resp:	441124
Ion Ratio	Lower	Upper	
163	100		
194	3.3	4.4	6.6#
164	10.3	8.3	12.5



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





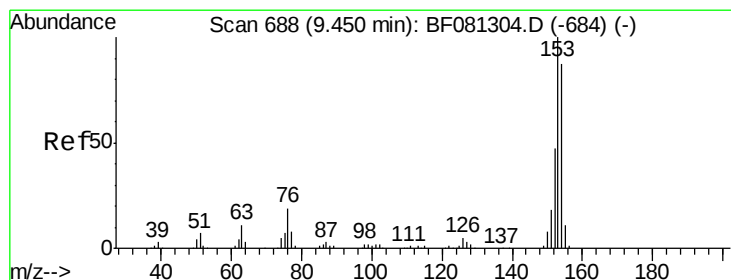
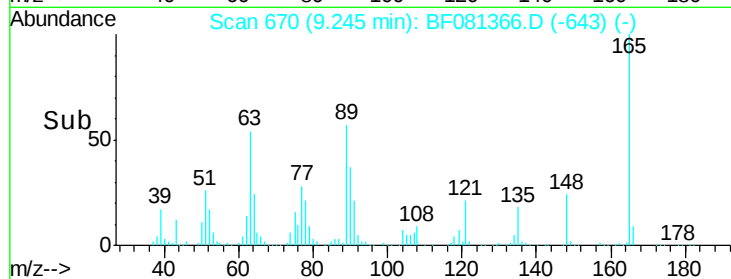
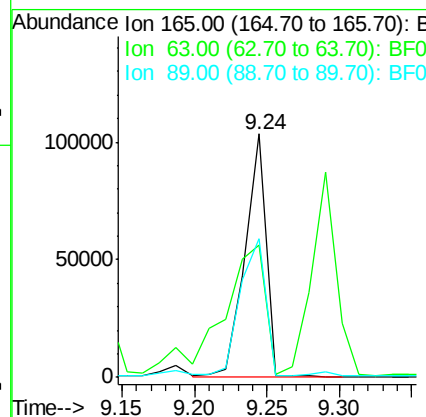
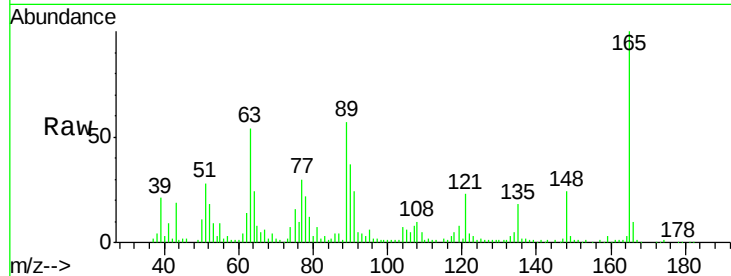
#50
2,6-Dinitrotoluene
Concen: 41.91 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.2	32.3	48.5#
89	57.1	28.6	43.0#

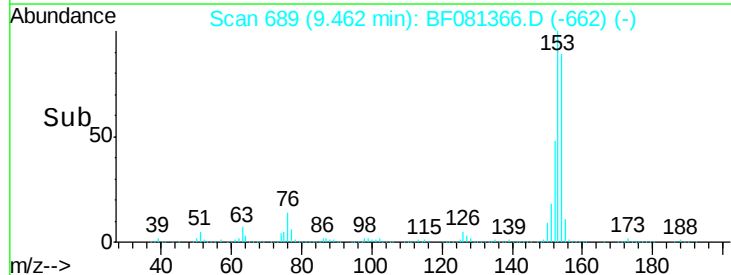
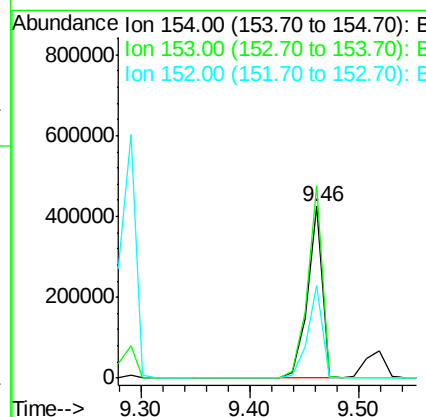
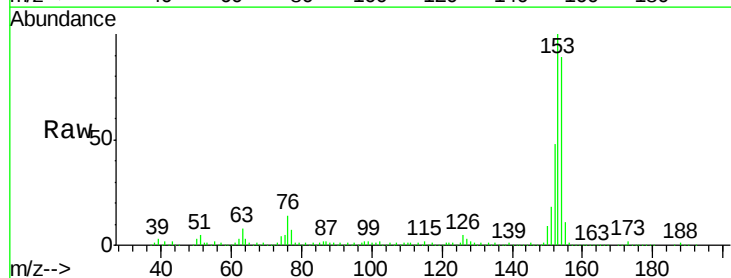
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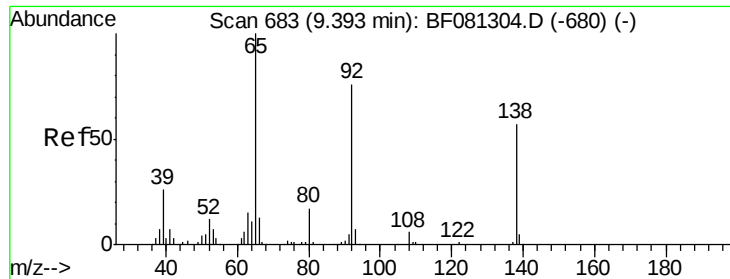
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9/3/2015 1:45:00 PM



#51
Acenaphthene
Concen: 43.49 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.1	82.1	123.1
152	53.8	37.9	56.9





#52

3-Nitroaniline

Concen: 16.13 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF081366.D

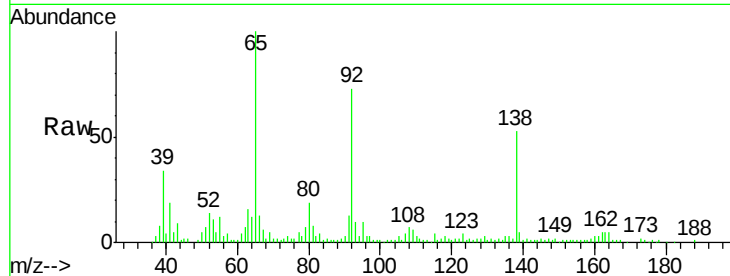
Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

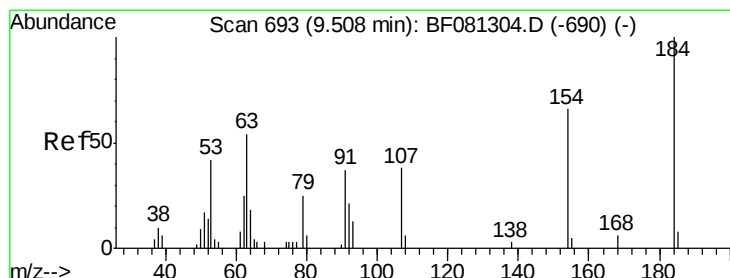
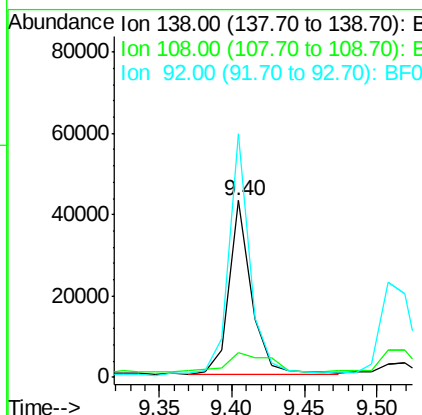
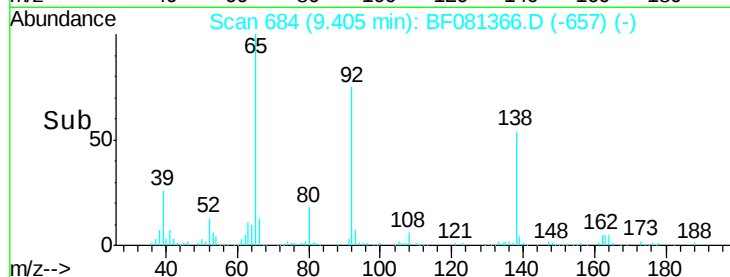
MW-04MS



Tgt Ion:	138	Resp:	45190
Ion Ratio	Lower	Upper	
138	100		
108	13.8	5.7	8.5#
92	137.9	67.7	101.5#

Manual Integrations
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9/3/2015 1:45:00 PM



#53

2,4-Dinitrophenol

Concen: 116.51 ng

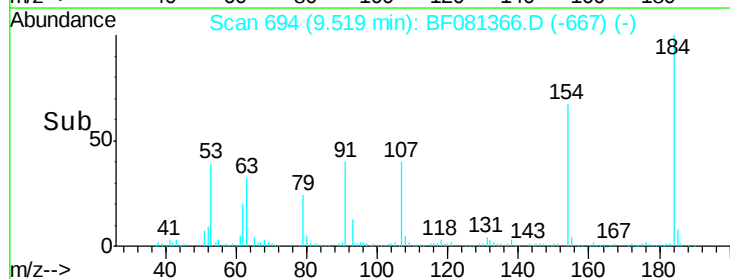
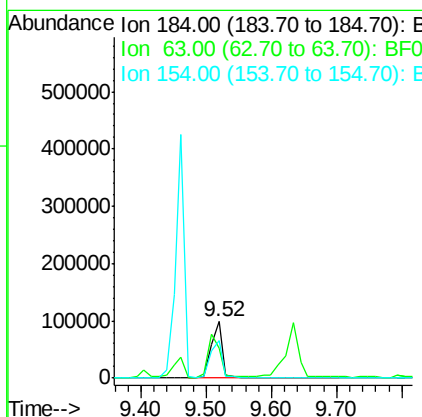
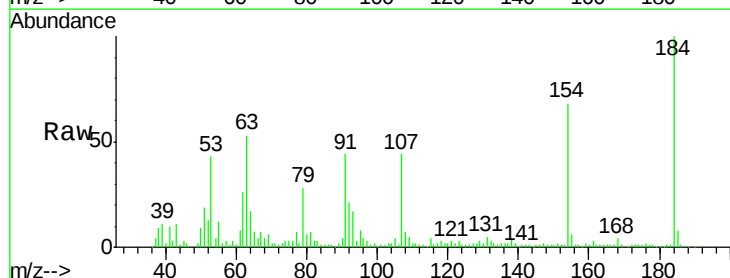
RT: 9.52 min Scan# 694

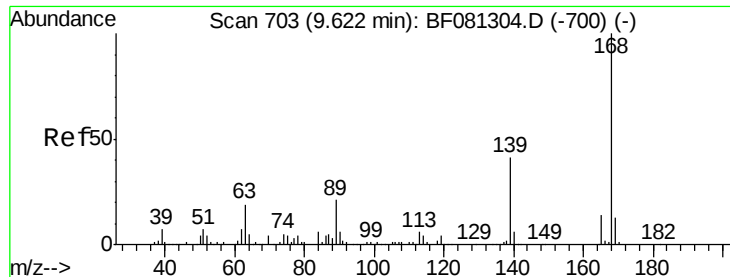
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	184	Resp:	120778
Ion Ratio	Lower	Upper	
184	100		
63	53.3	35.4	53.2#
154	67.8	32.2	48.4#





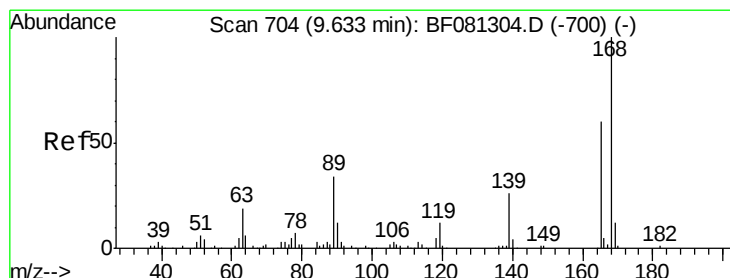
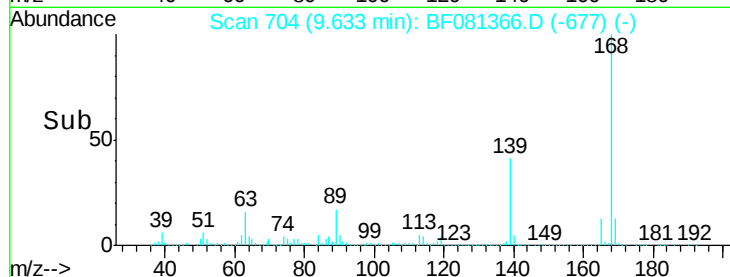
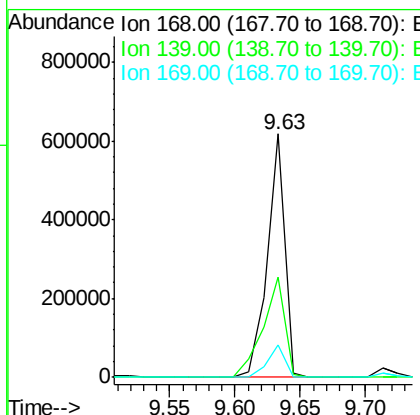
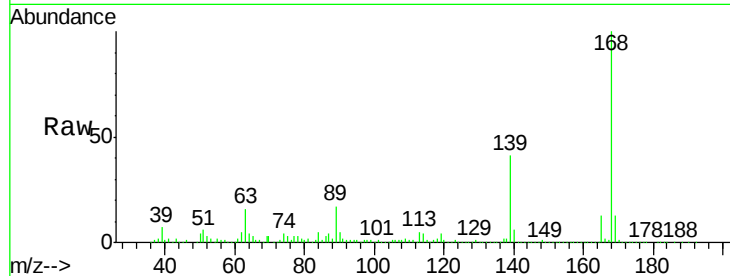
#54
Dibenzofuran
Concen: 42.67 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	583091		
139	41.0	24.2	36.2#	
169	13.4	10.6	15.8	

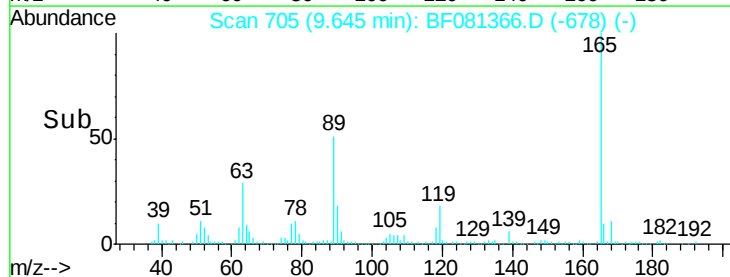
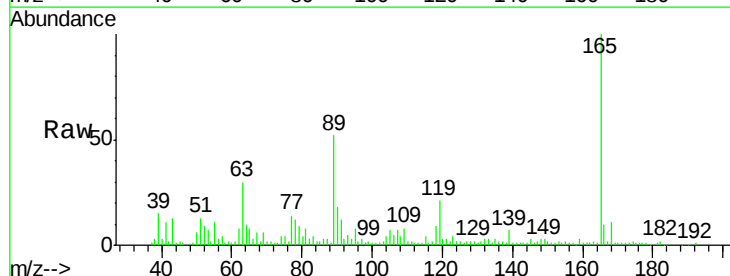
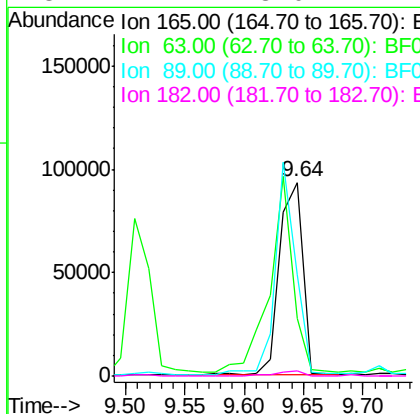
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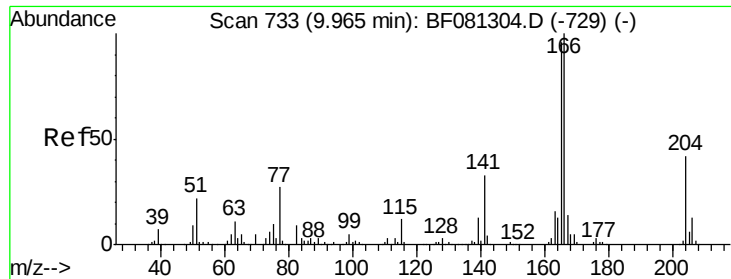
MMDadoda
9/3/2015 1:45:00 PM



#56
2,4-Dinitrotoluene
Concen: 40.03 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125441		
63	29.7	29.8	44.6#	
89	52.2	44.5	66.7	
182	2.4	3.0	4.4#	





#57

Fluorene

Concen: 38.04 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF081366.D

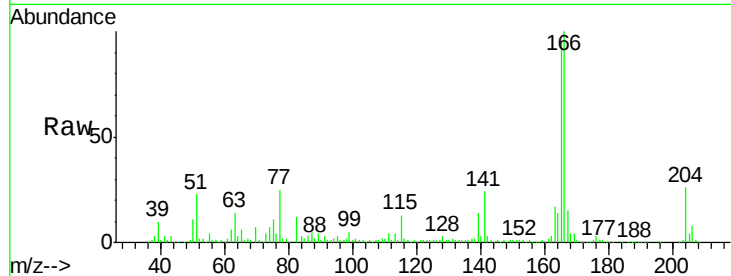
Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

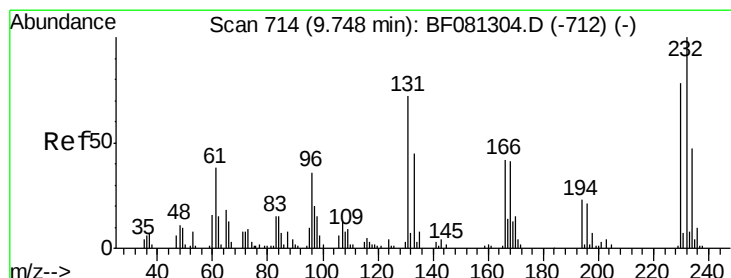
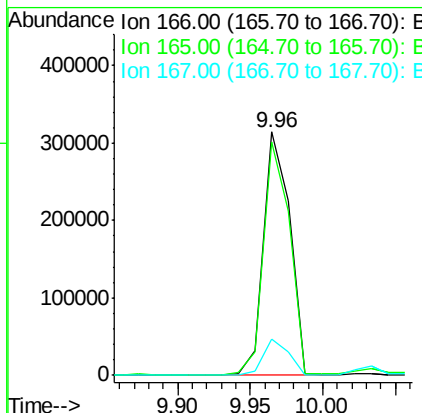
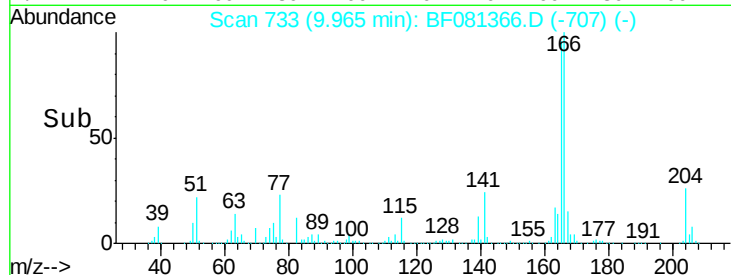
MW-04MS



Tgt Ion:	166	Resp:	394494
Ion Ratio		Lower	Upper
166	100		
165	95.9	72.6	109.0
167	14.9	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

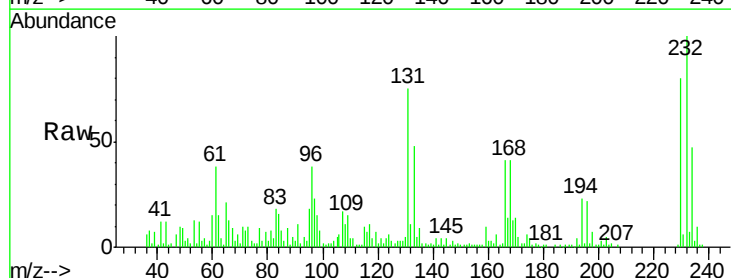
Concen: 39.03 ng m

RT: 9.76 min Scan# 715

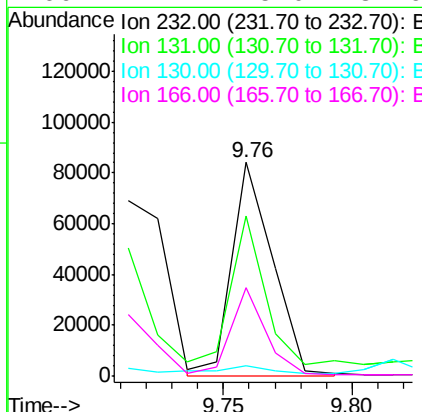
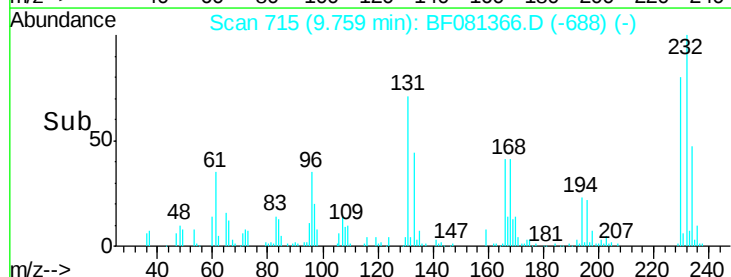
Delta R.T. 0.01 min

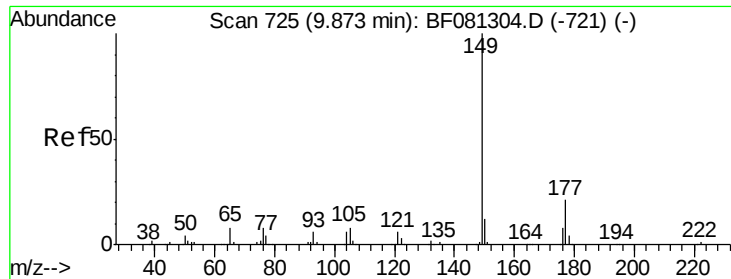
Lab File: BF081366.D

Acq: 3 Sep 2015 00:21



Tgt Ion:	232	Resp:	92592
Ion Ratio		Lower	Upper
232	100		
131	53.8	38.5	57.7
130	2.5	1.8	2.6
166	27.7	25.0	37.6





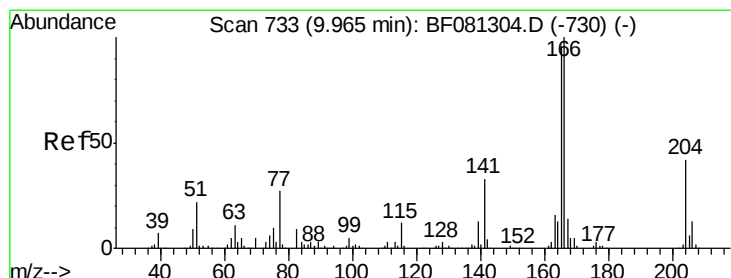
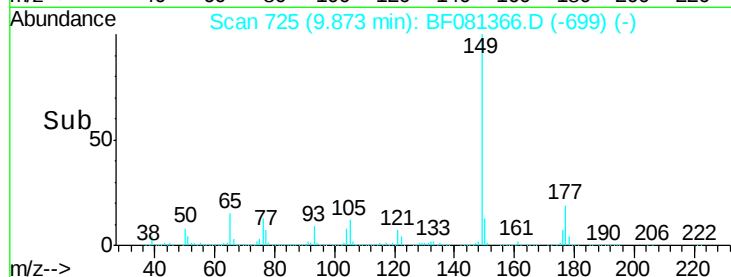
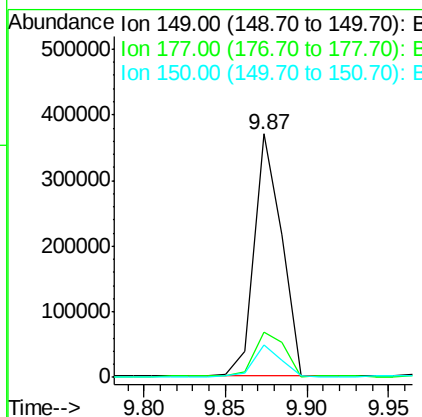
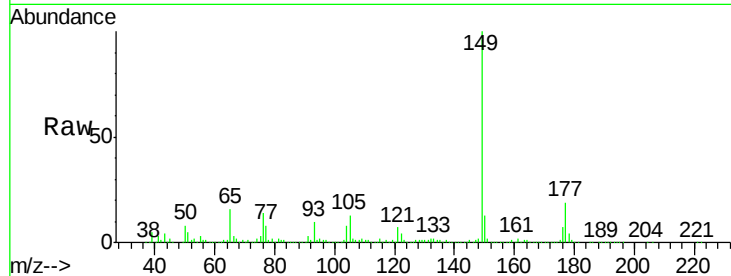
#59
Diethylphthalate
Concen: 37.77 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.8	17.5	26.3
150	13.4	9.4	14.2

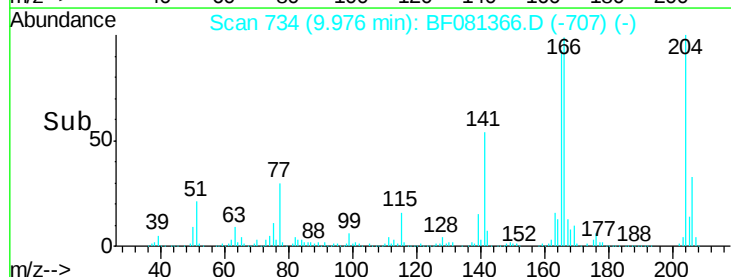
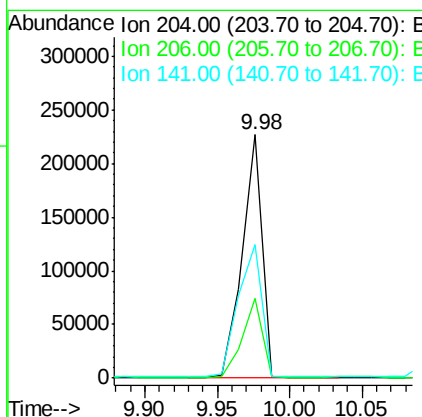
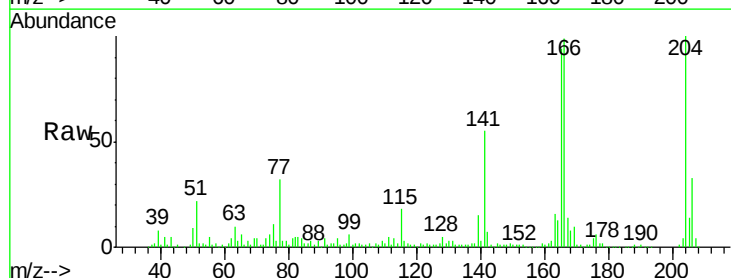
Manual Integrations
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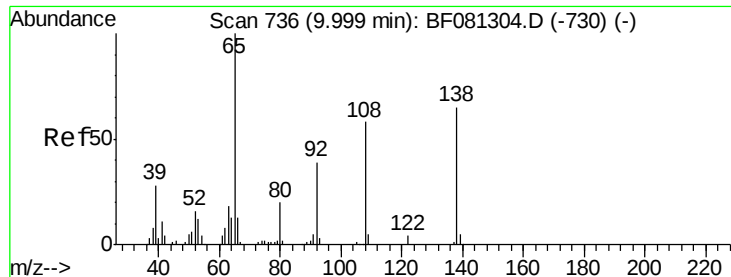
MMDadoda
9/3/2015 1:45:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.02 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	24.8	37.2
141	54.9	42.2	63.4





#61

4-Nitroaniline

Concen: 11.24 ng m

RT: 10.01 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

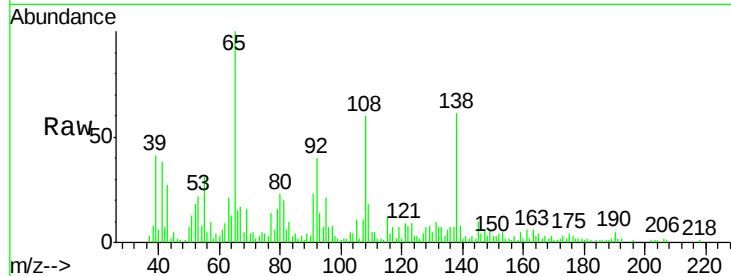
ClientSampleId :

MW-04MS

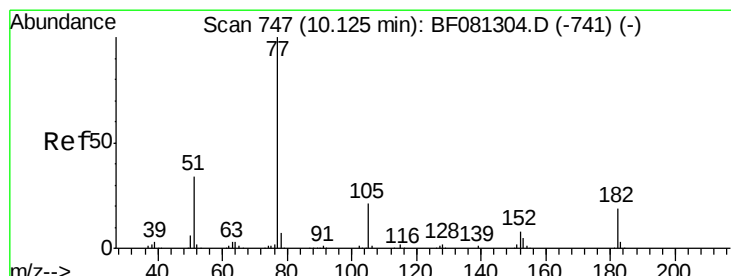
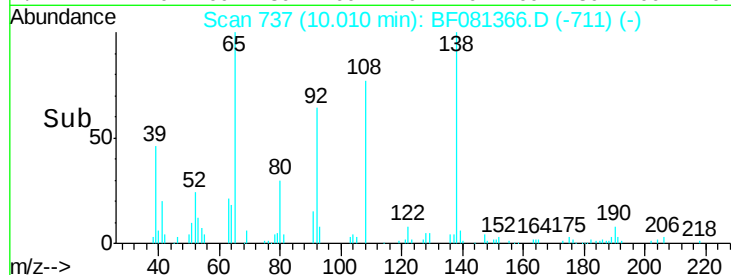
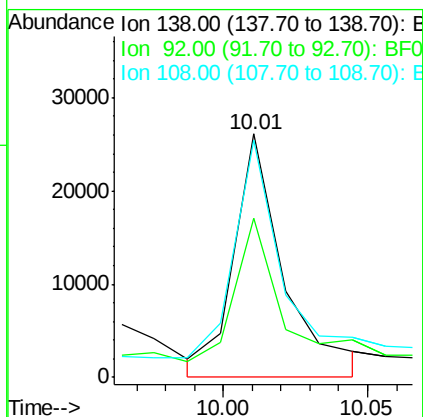
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.6	12.6	52.6#
108	97.6	12.4	52.4#



#62

Azobenzene

Concen: 39.29 ng

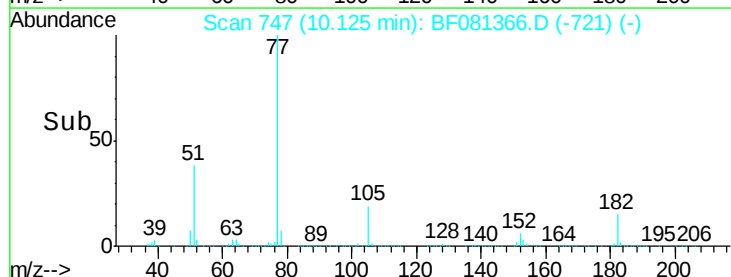
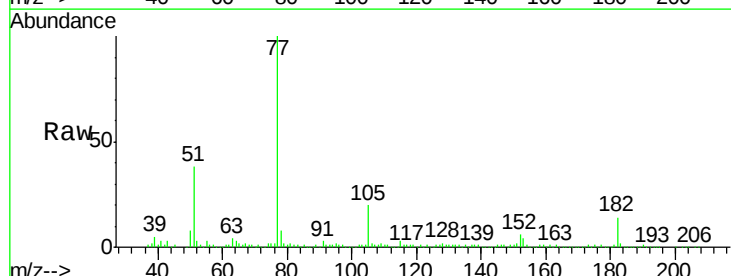
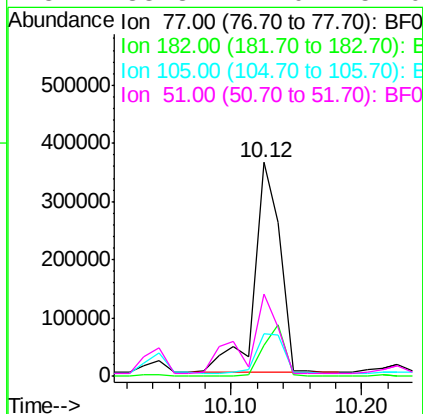
RT: 10.12 min Scan# 747

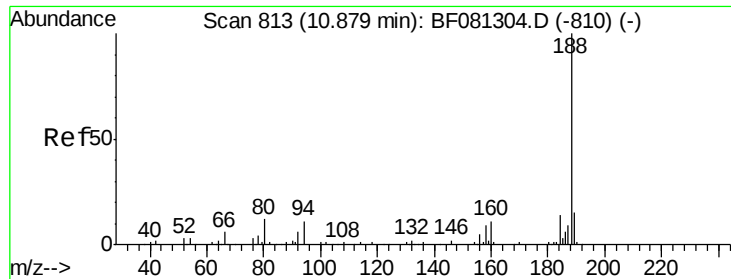
Delta R.T. -0.00 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.3	15.1	55.1#
105	20.0	3.4	43.4
51	38.3	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion:188 Resp: 248851
Ion Ratio Lower Upper

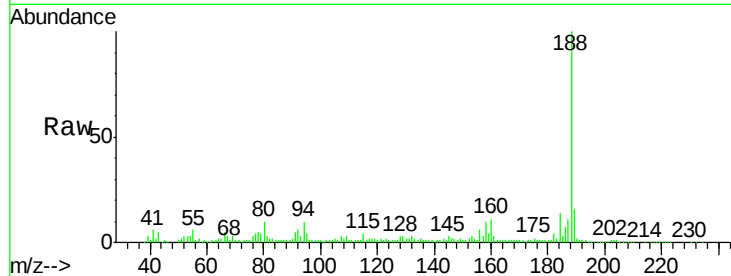
188 100

94 9.9 11.1 16.7#

80 10.4 11.0 16.4#

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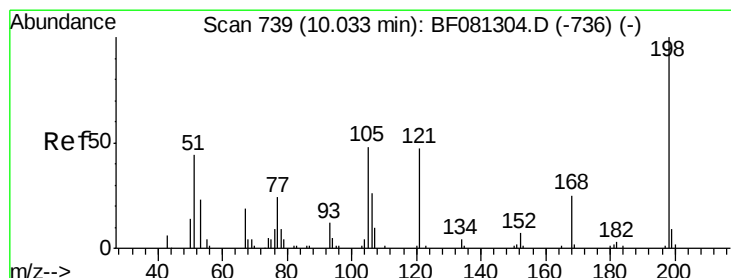
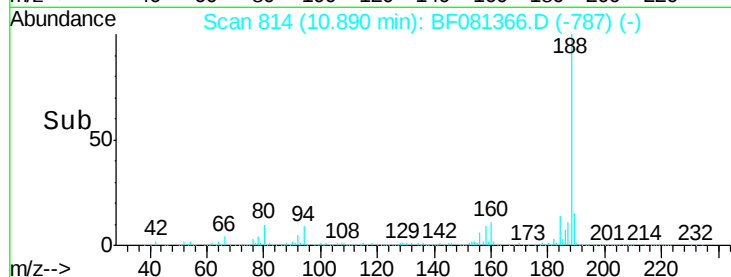
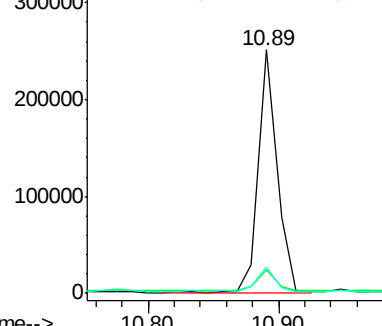
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.44 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF081366.D

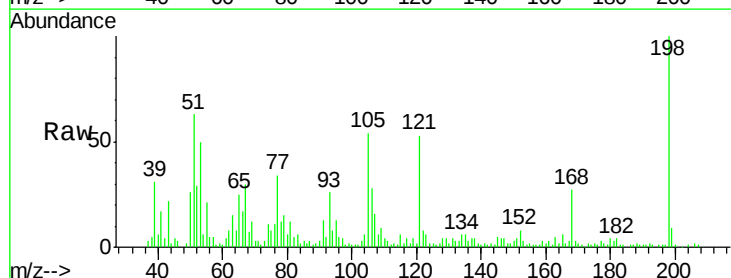
Acq: 3 Sep 2015 00:21

Tgt Ion:198 Resp: 70211
Ion Ratio Lower Upper

198 100

51 63.4 39.6 79.6

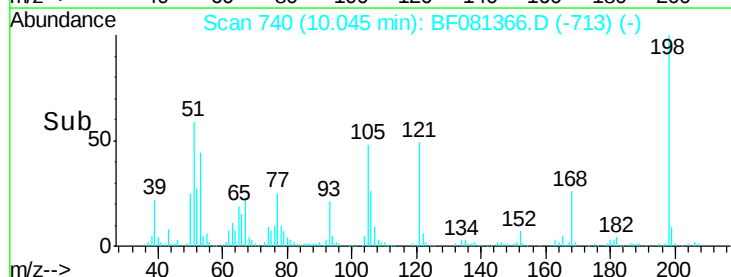
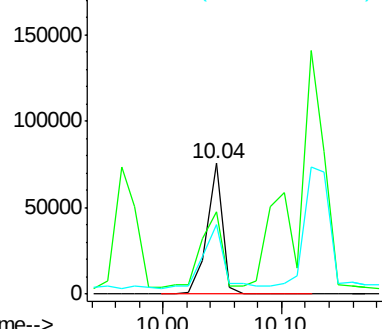
105 53.8 28.5 68.5

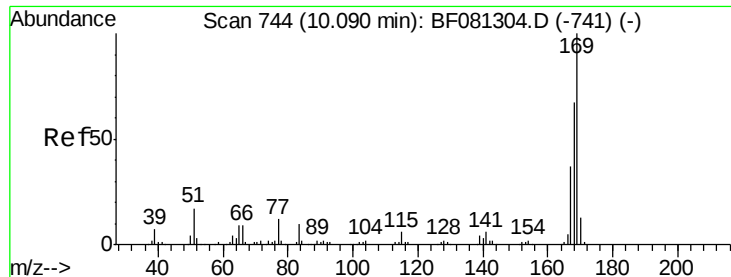


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.39 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

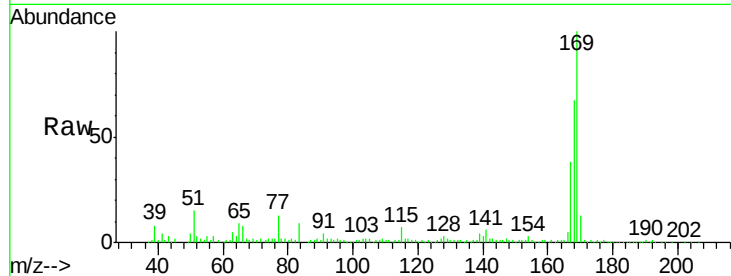
ClientSampleId :

MW-04MS

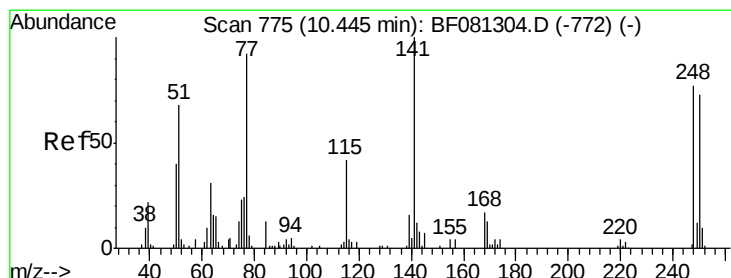
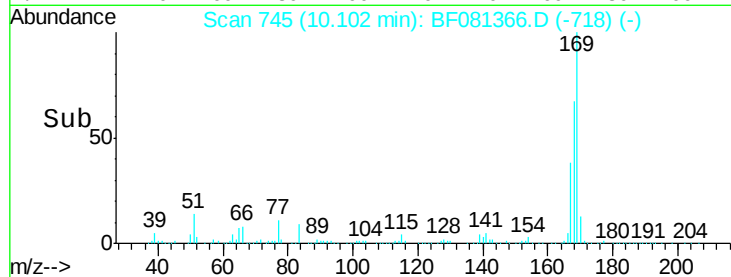
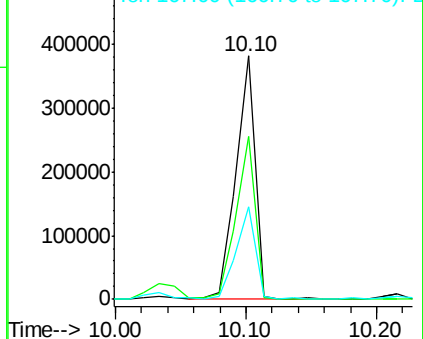
Tgt Ion:	169	Resp:	383814
Ion Ratio	Lower	Upper	
169	100		
168	67.1	48.9	73.3
167	38.3	26.2	39.4

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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: 45.54 ng

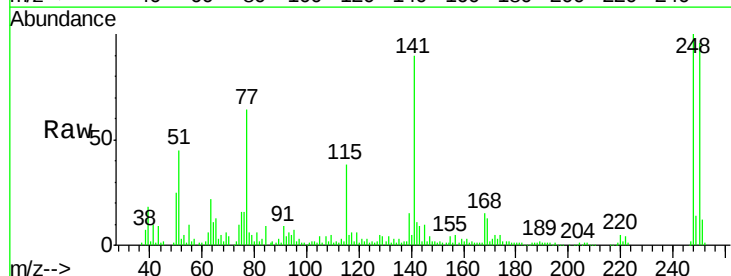
RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

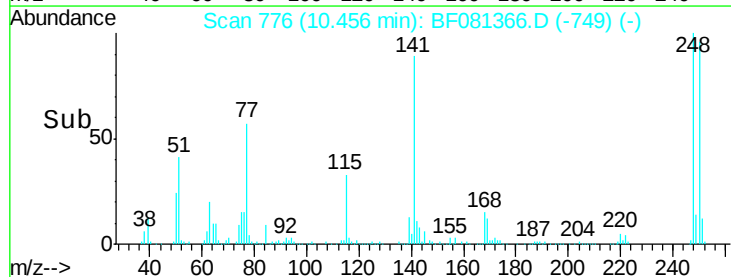
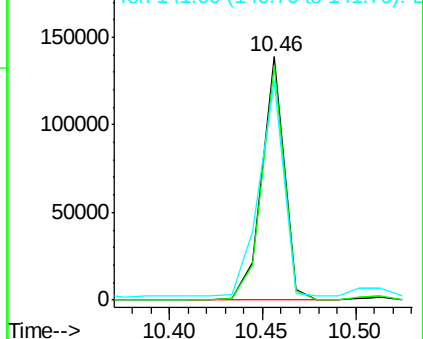
Lab File: BF081366.D

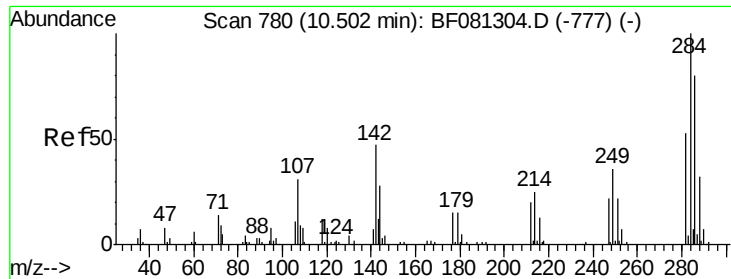
Acq: 3 Sep 2015 00:21

Tgt Ion:	248	Resp:	114594
Ion Ratio	Lower	Upper	
248	100		
250	96.5	78.5	117.7
141	90.1	59.0	88.6#



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





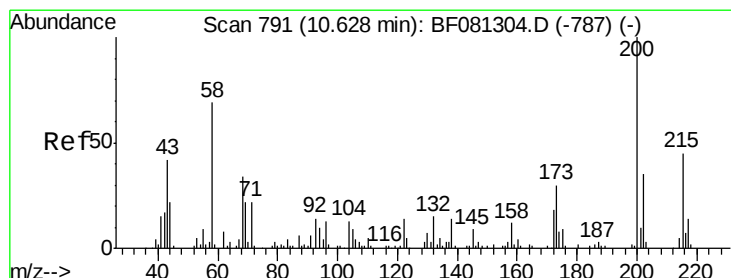
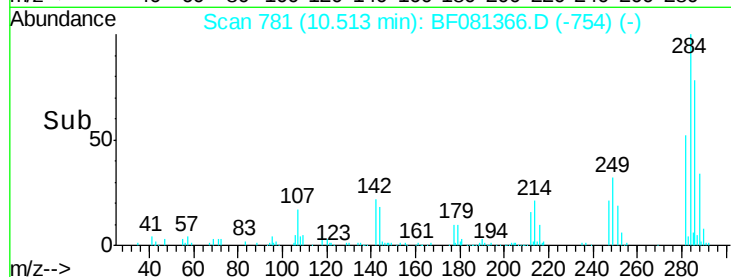
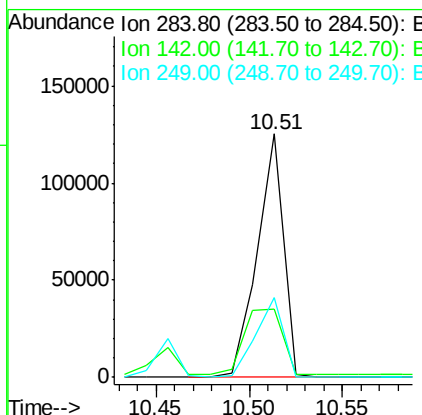
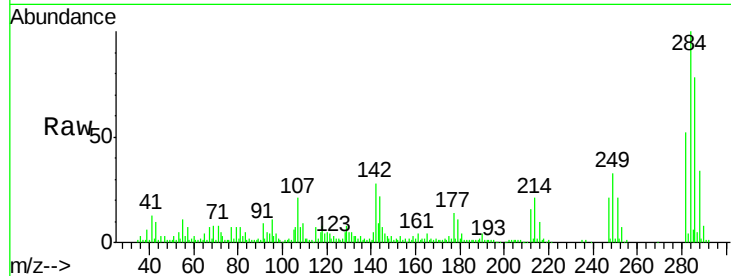
#67
Hexachlorobenzene
Concen: 45.98 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.1	29.5	44.3#
249	32.7	19.5	29.3#

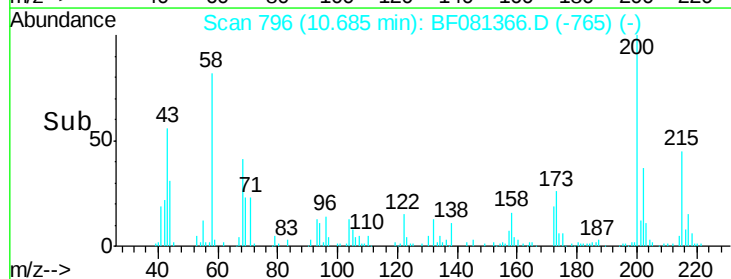
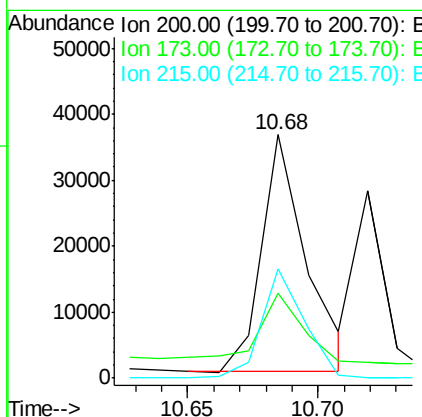
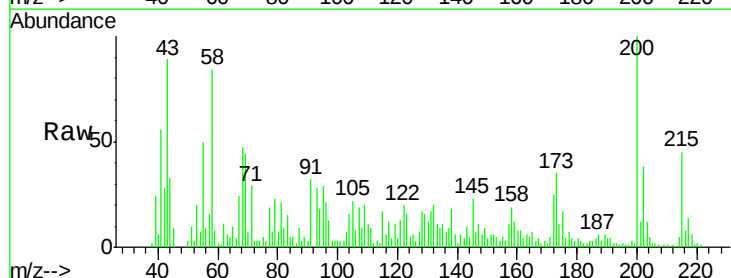
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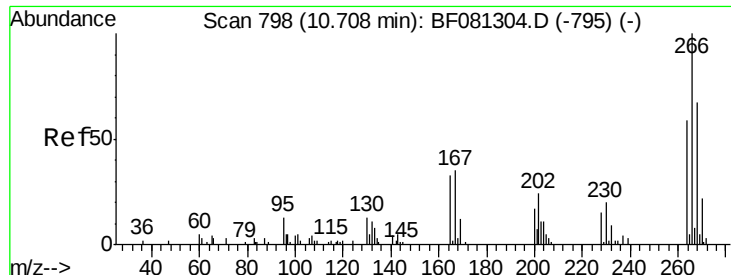
MMDadoda
9/3/2015 1:45:00 PM



#68
Atrazine
Concen: 16.16 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.06 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	34.8	13.2	53.2
215	44.8	41.8	81.8





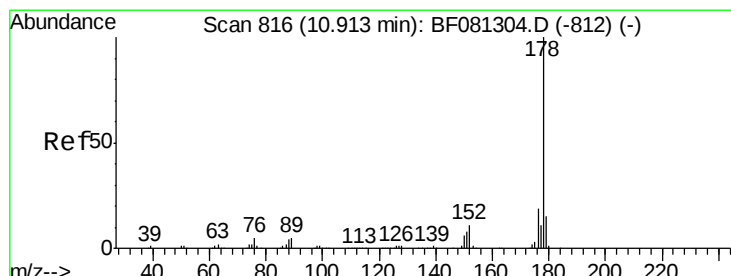
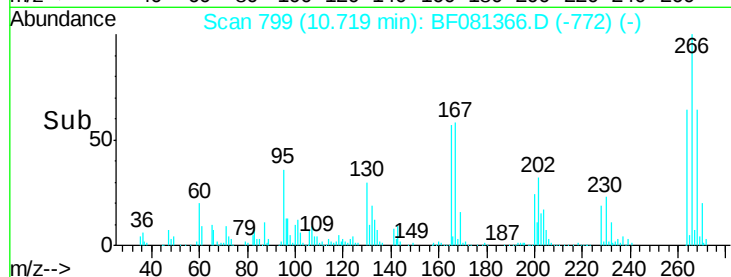
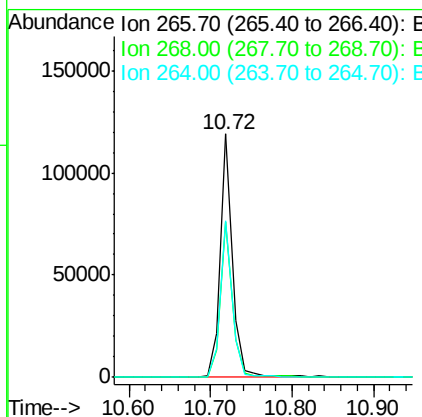
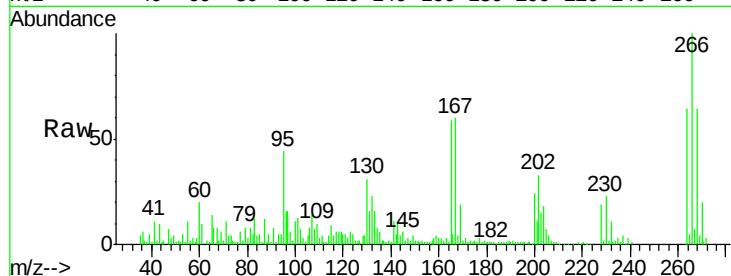
#69
 Pentachlorophenol
 Concen: 94.57 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	123411		
268	64.0	49.8	74.6	
264	64.4	50.2	75.2	

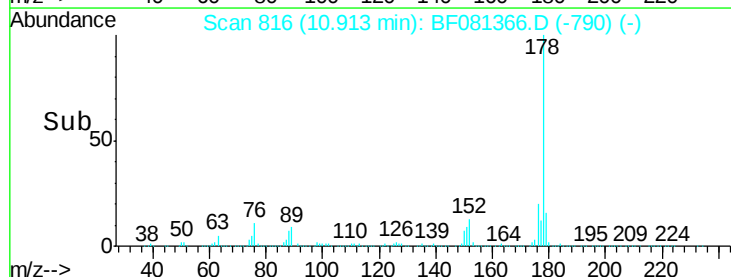
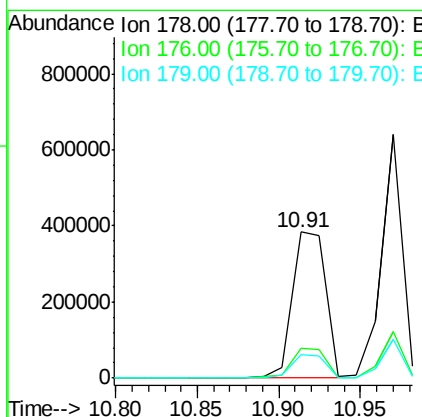
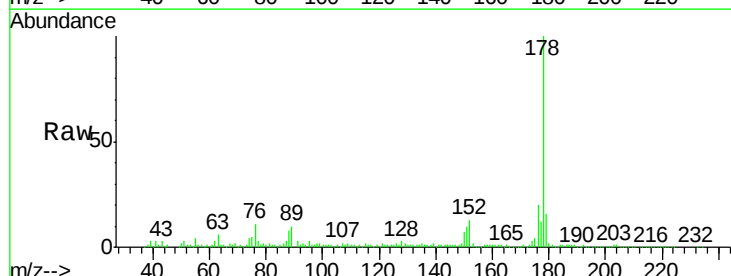
Manual Integrations
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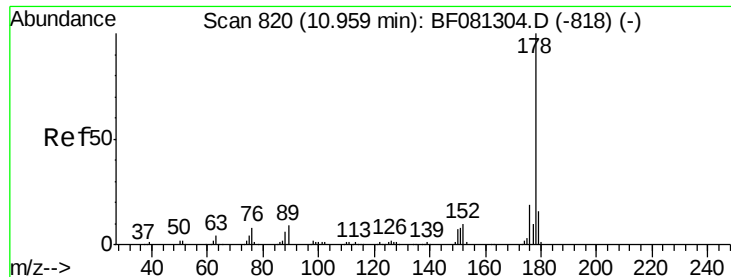
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#70
 Phenanthrene
 Concen: 39.05 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	540206		
176	20.2	13.8	20.8	
179	16.0	12.2	18.2	





#71

Anthracene

Concen: 39.77 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF081366.D

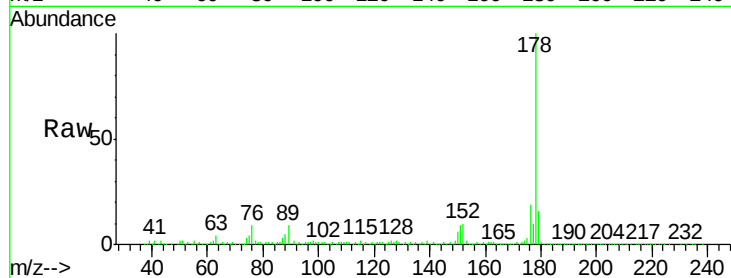
Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

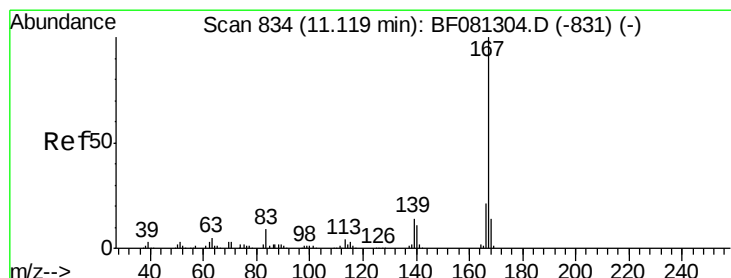
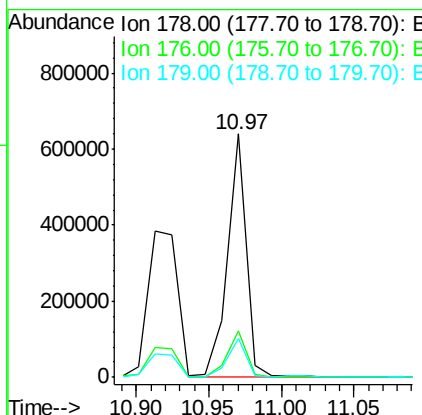
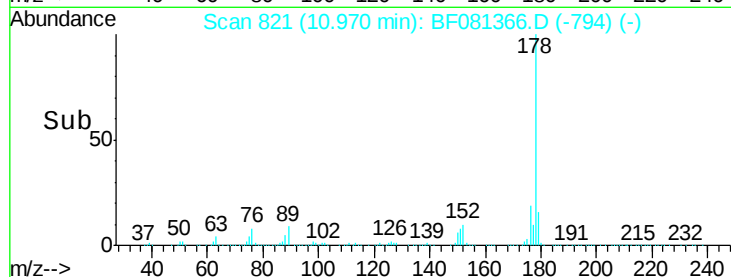
MW-04MS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.7	12.2	18.2

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#72

Carbazole

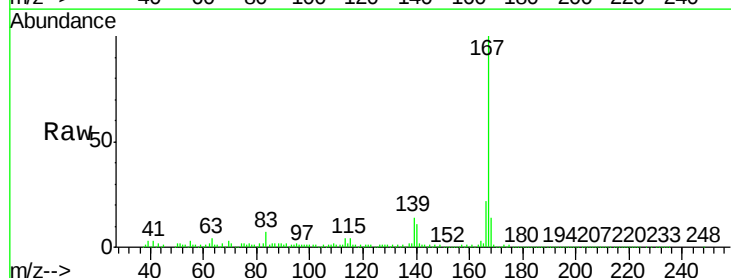
Concen: 40.32 ng

RT: 11.14 min Scan# 836

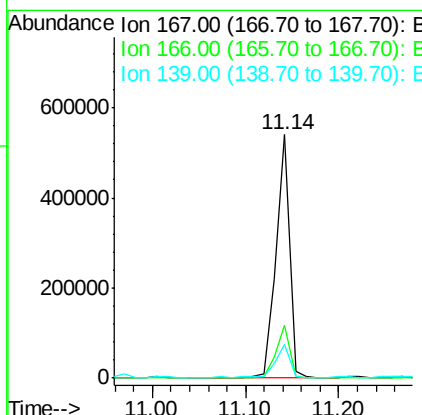
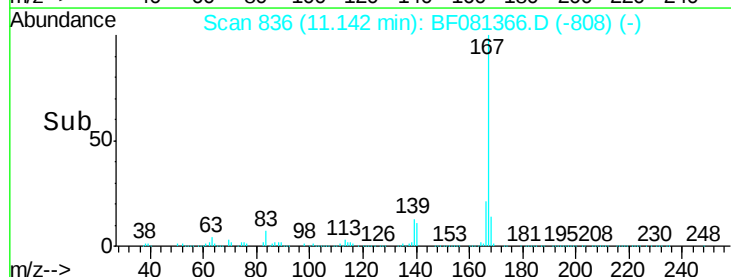
Delta R.T. 0.02 min

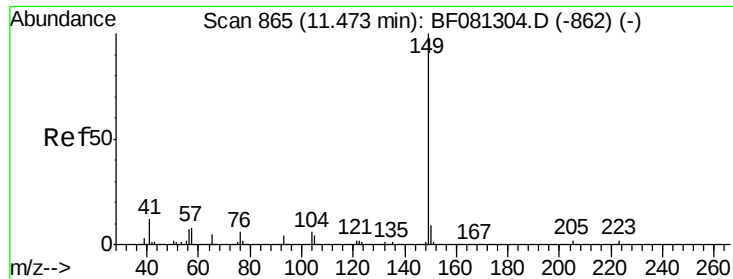
Lab File: BF081366.D

Acq: 3 Sep 2015 00:21



Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	13.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 42.72 ng

RT: 11.48 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

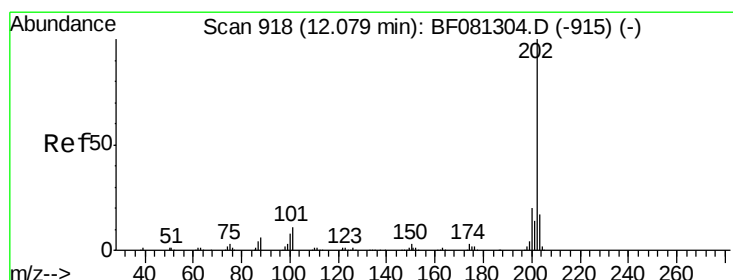
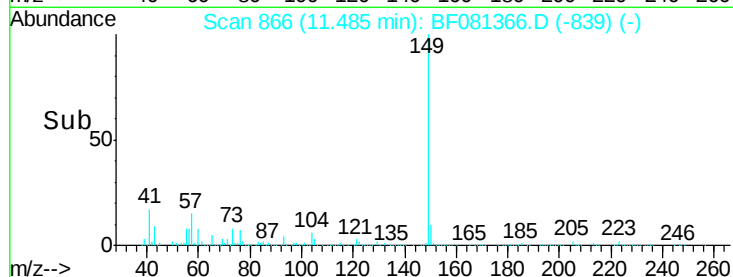
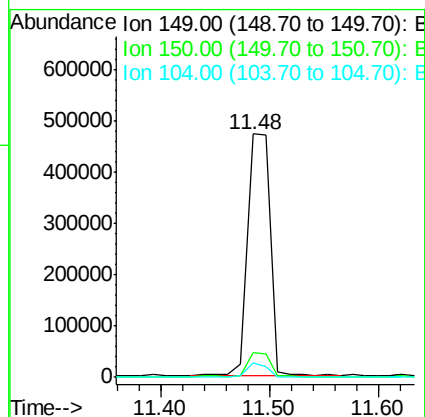
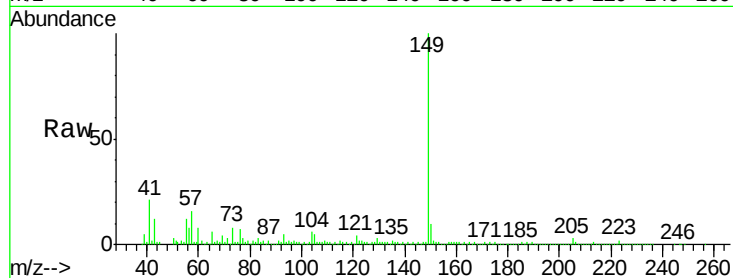
ClientSampleId :

MW-04MS

Tgt Ion:	149	Resp:	672836
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.4	11.2
104	6.2	2.4	3.6#

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#74

Fluoranthene

Concen: 35.05 ng

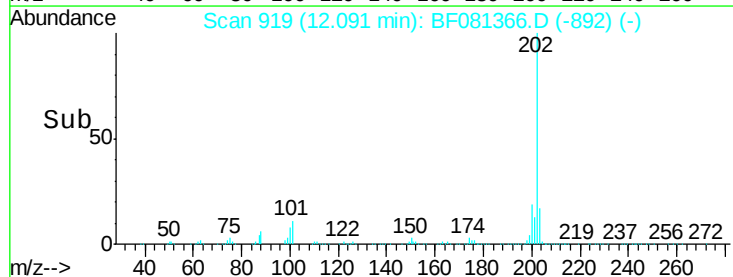
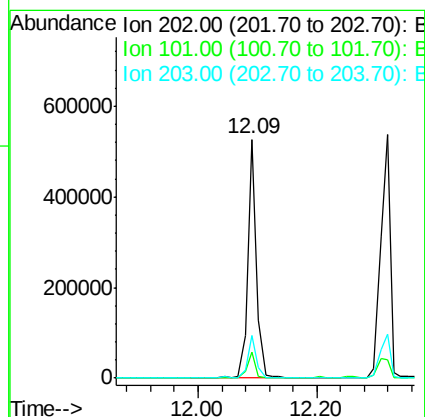
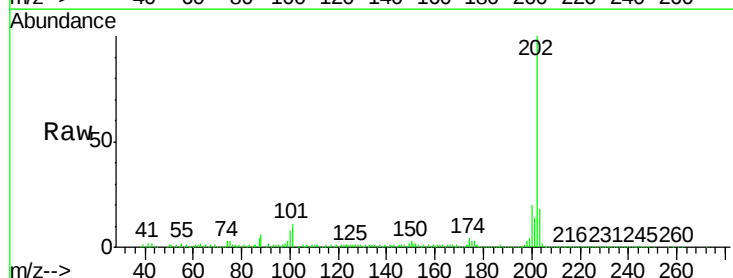
RT: 12.09 min Scan# 919

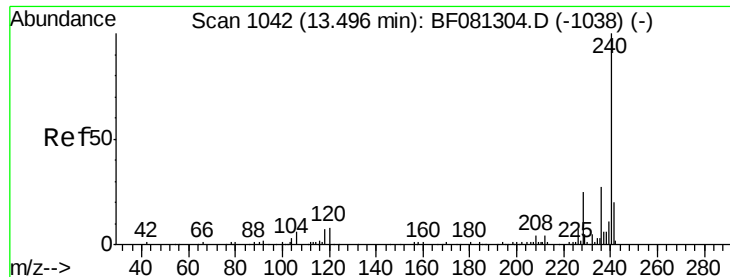
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	202	Resp:	524996
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	38.3
203	17.8	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

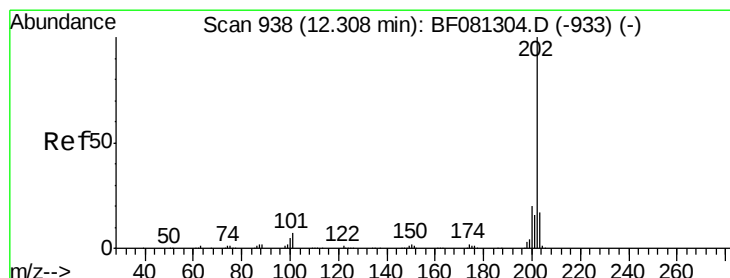
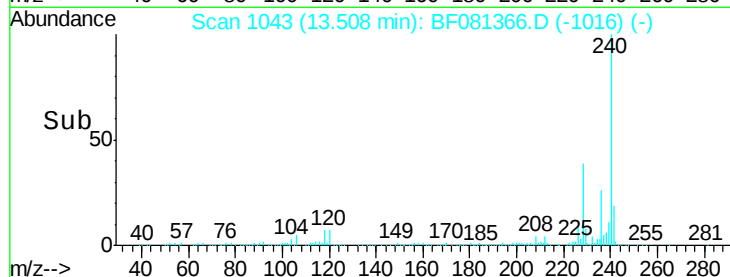
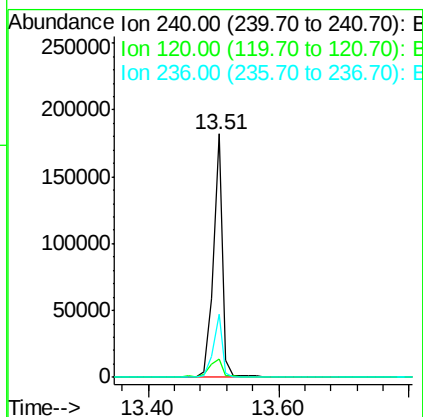
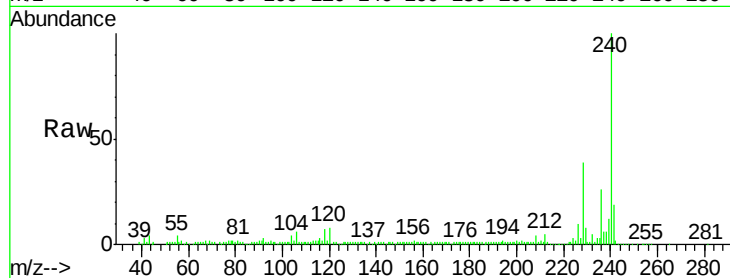
ClientSampleId :

MW-04MS

Tgt Ion:	240	Resp:	179071
Ion Ratio	Lower	Upper	
240	100		
120	7.8	16.2	24.2#
236	26.1	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 45.87 ng

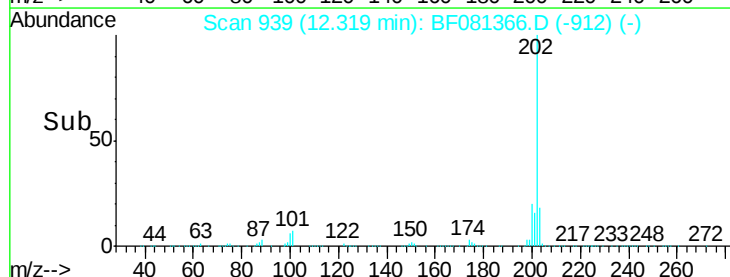
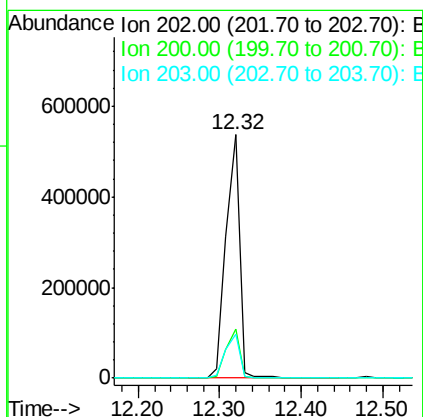
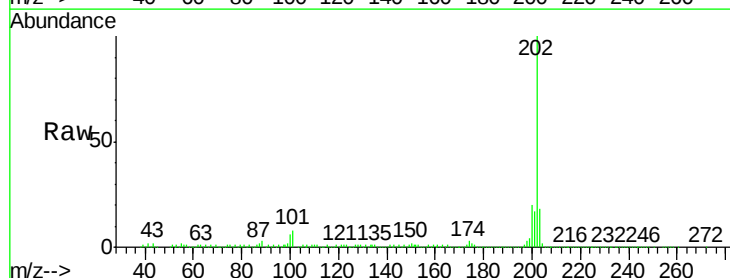
RT: 12.32 min Scan# 939

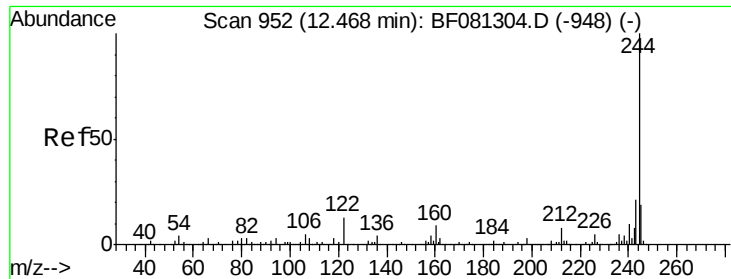
Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Tgt Ion:	202	Resp:	608432
Ion Ratio	Lower	Upper	
202	100		
200	20.2	15.0	22.4
203	18.0	14.1	21.1





#78

Terphenyl-d14

Concen: 88.87 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF081366.D

Acq: 3 Sep 2015 00:21

Instrument :

BNA_F

ClientSampleId :

MW-04MS

Tgt Ion:244 Resp: 683651
Ion Ratio Lower Upper

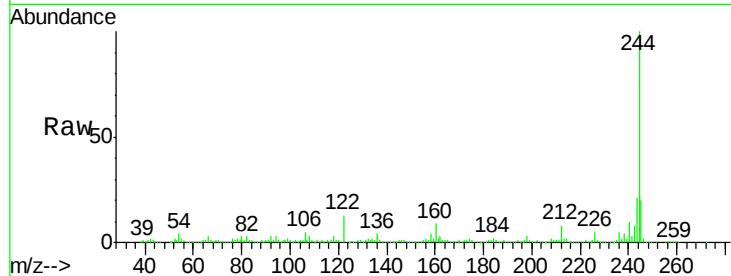
244 100

212 8.0 4.3 6.5#

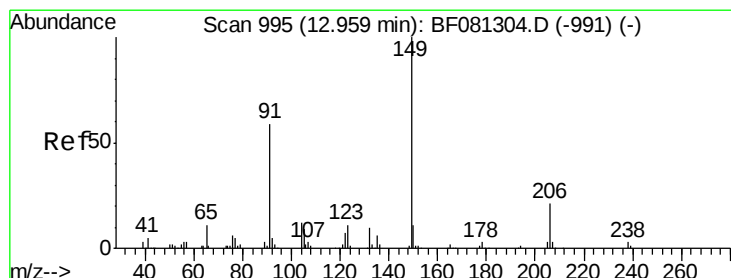
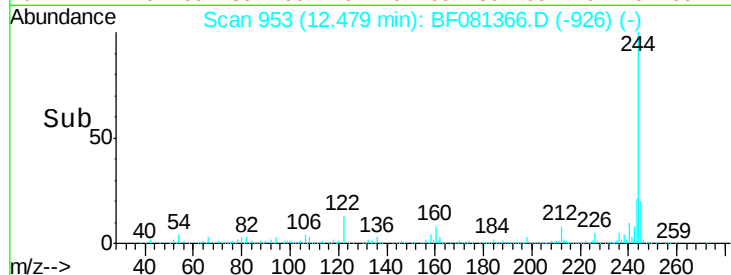
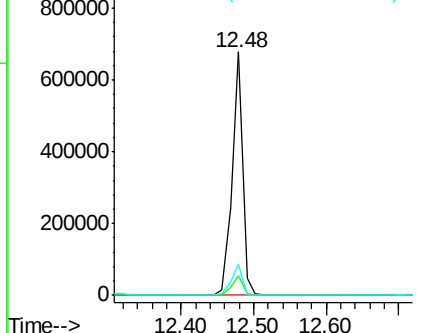
122 12.8 17.4 26.2#

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9/3/2015 1:45:00 PM



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



#79

Butylbenzylphthalate

Concen: 46.85 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF081366.D

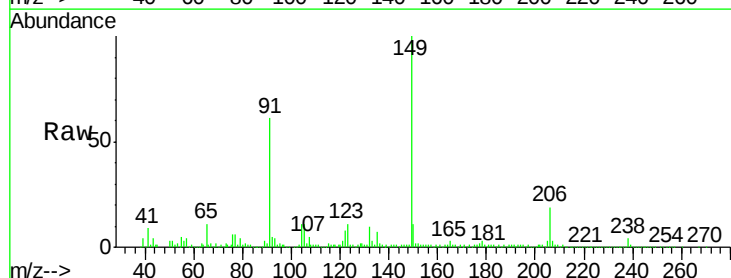
Acq: 3 Sep 2015 00:21

Tgt Ion:149 Resp: 270296
Ion Ratio Lower Upper

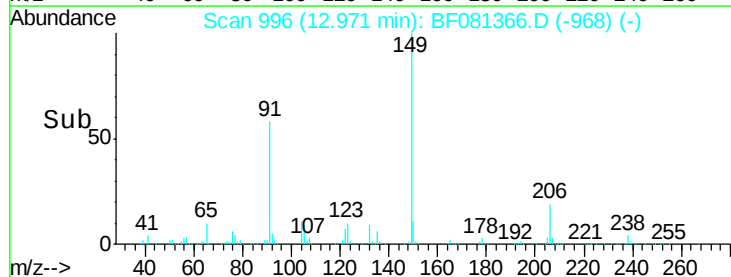
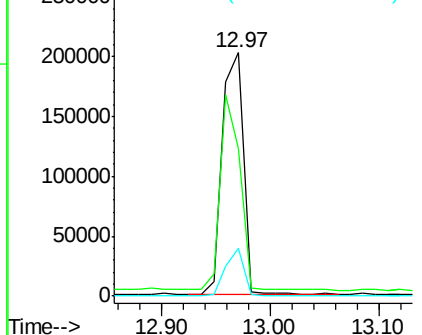
149 100

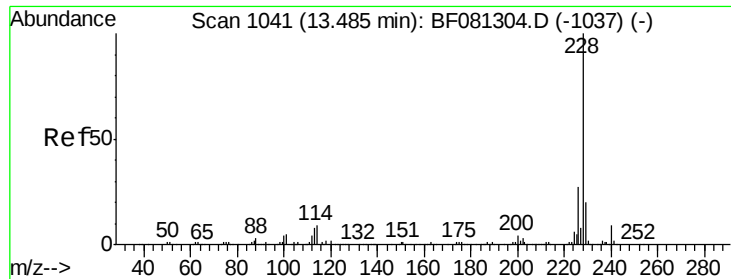
91 60.5 48.6 72.8

206 19.4 14.9 22.3



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





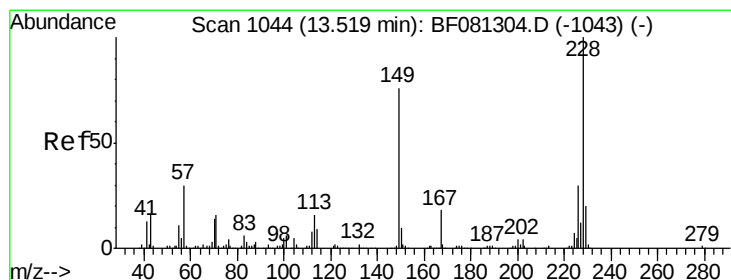
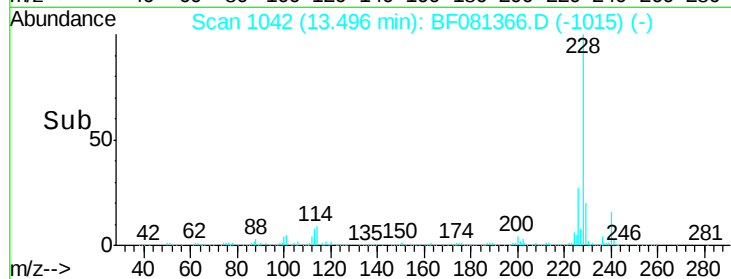
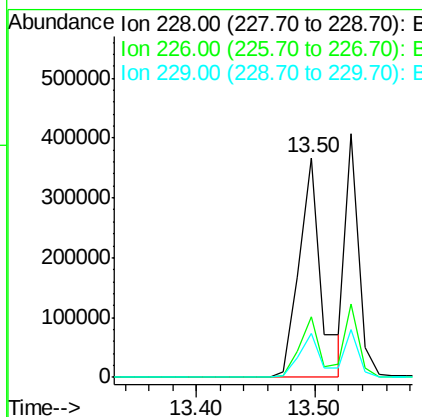
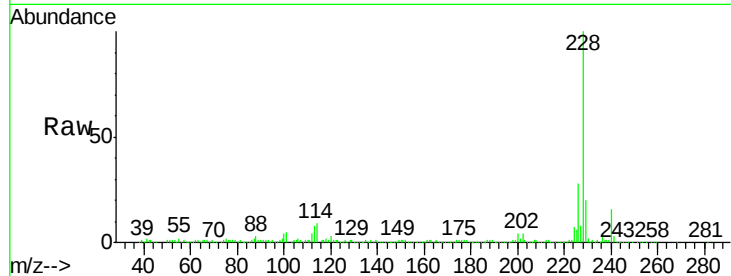
#80
Benzo(a)anthracene
Concen: 41.18 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.0	30.0
229	20.2	15.4	23.2

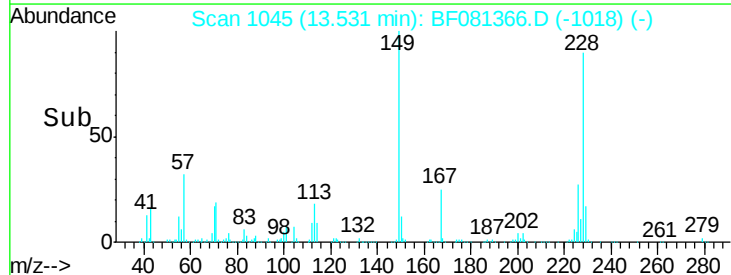
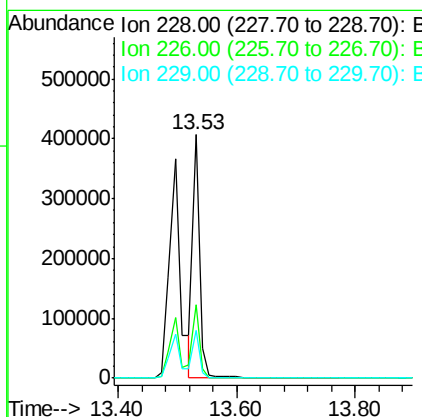
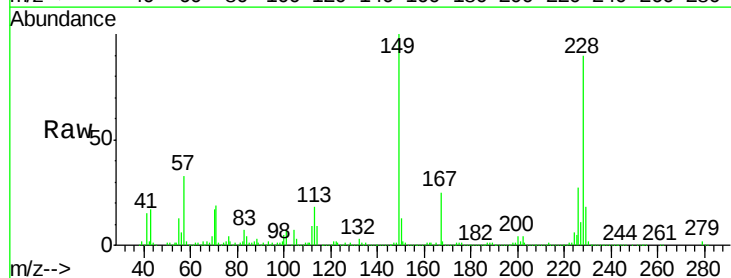
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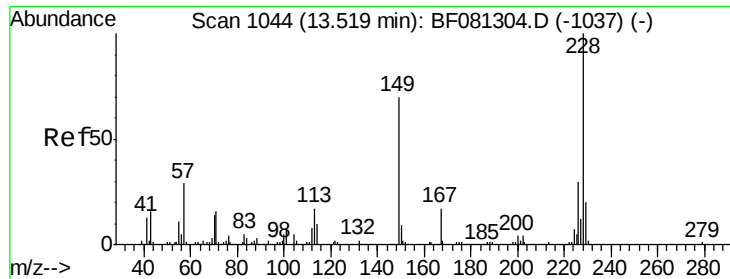
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9/3/2015 1:45:00 PM



#82
Chrysene
Concen: 31.78 ng
RT: 13.53 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.0	31.4
229	19.7	15.6	23.4





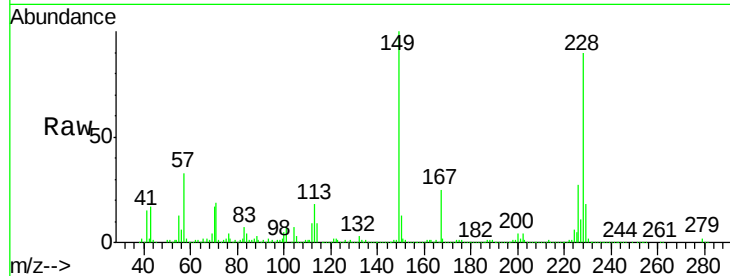
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.59 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

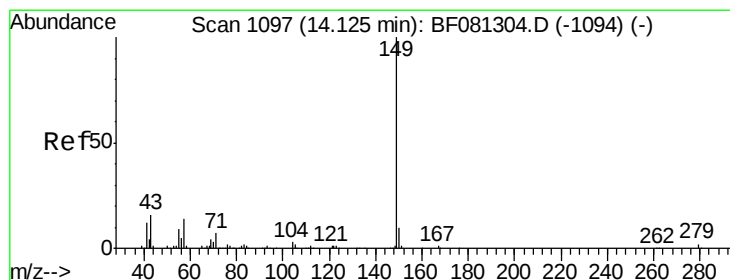
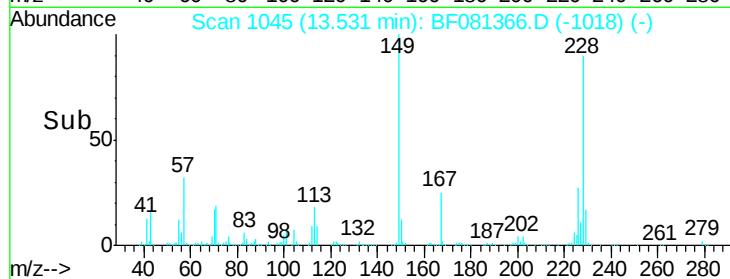
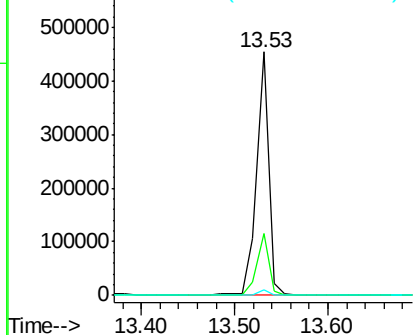
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400369		
167	25.4	24.2	36.2	
279	2.3	3.8	5.6#	

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 9/3/2015 1:45:00 PM

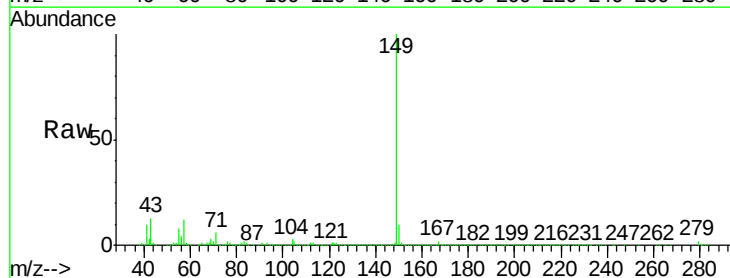


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

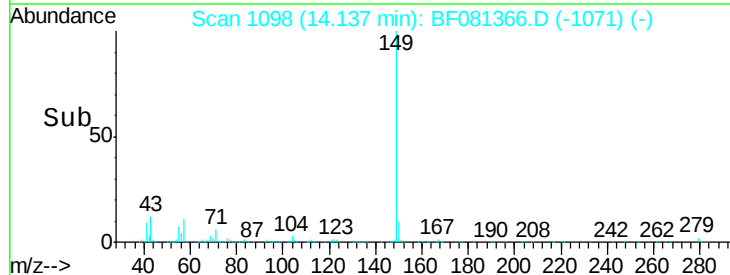
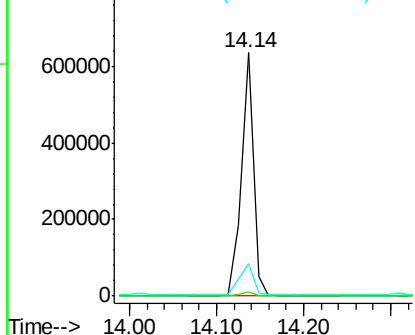


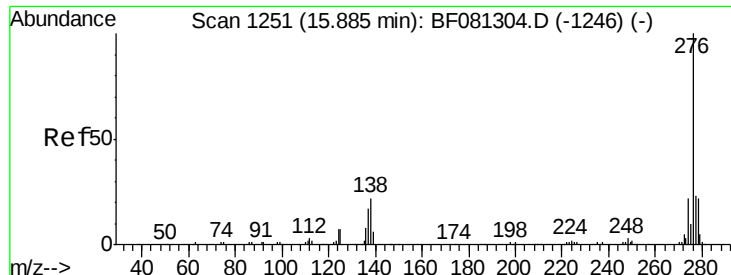
#84
 Di-n-octyl phthalate
 Concen: 48.08 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	602740		
167	1.5	1.0	1.6	
43	14.6	10.2	15.2	



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





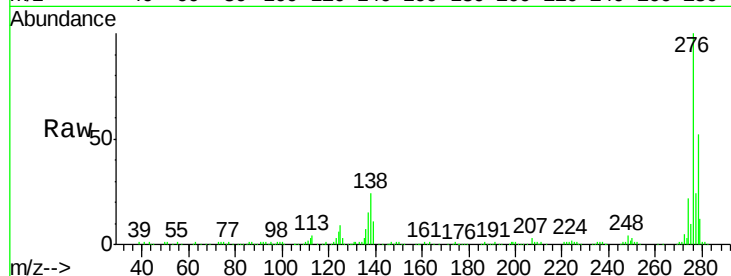
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.64 ng
 RT: 15.91 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

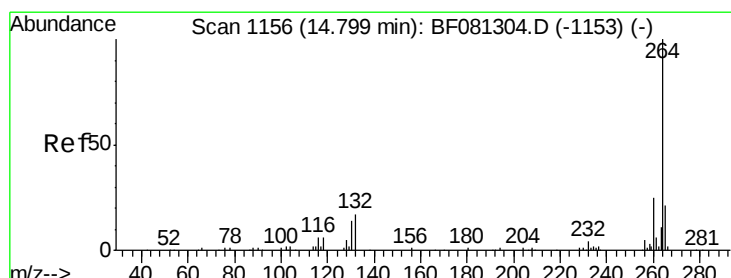
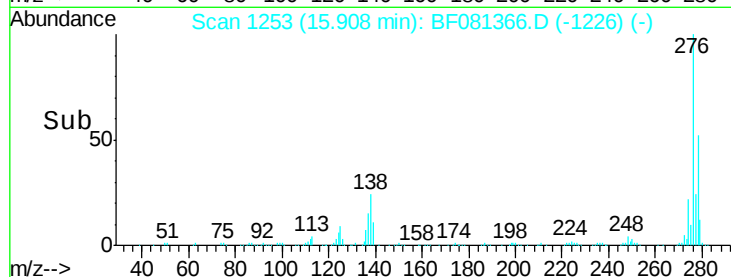
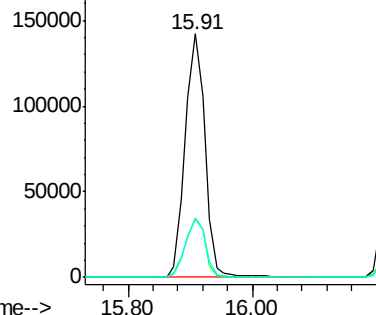
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.7	38.5#
277	24.2	15.6	23.4#

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 9/3/2015 1:45:00 PM

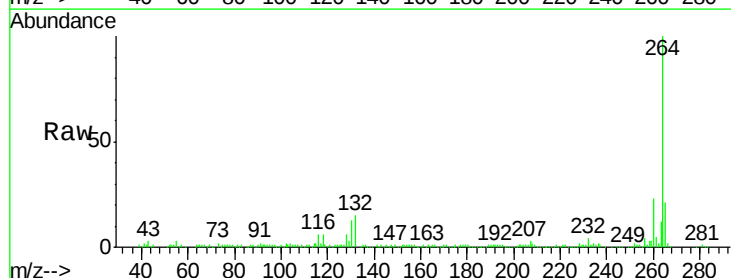


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

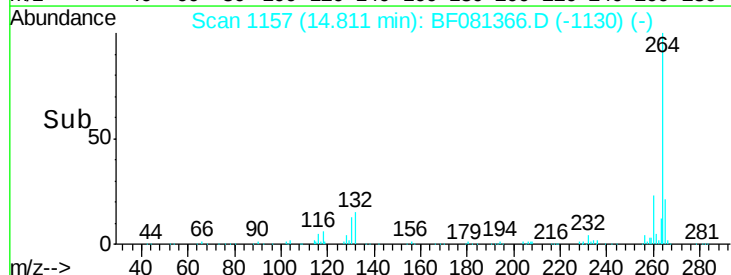
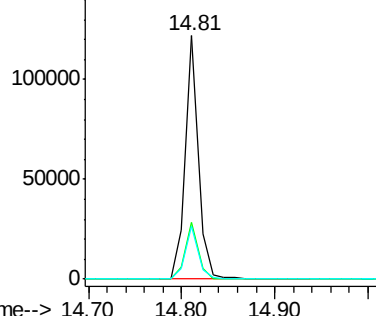


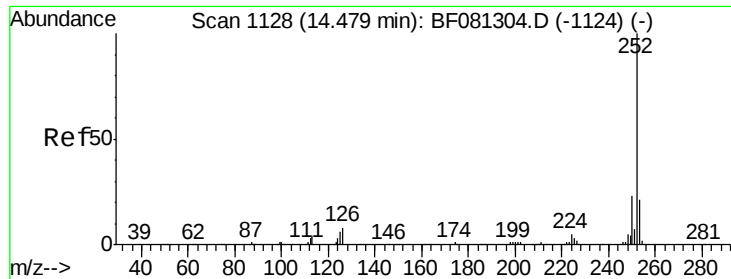
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.5	17.2	25.8



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





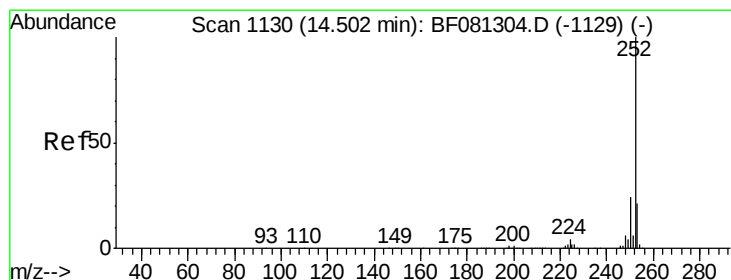
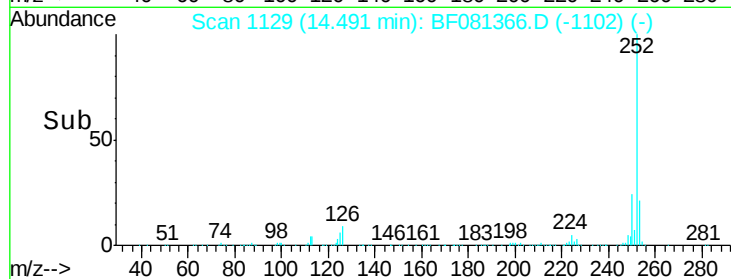
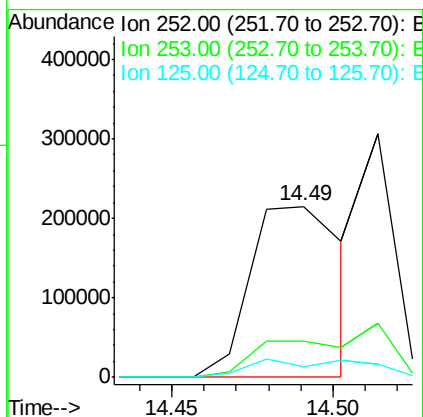
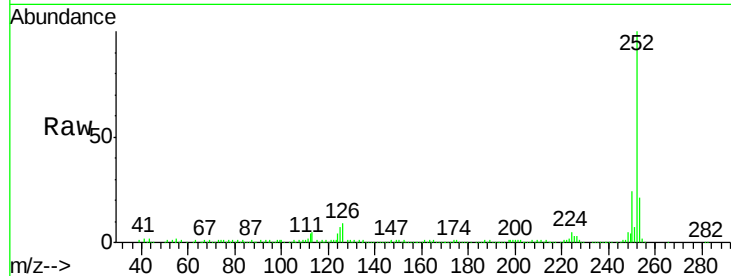
#87
Benzo(b)fluoranthene
Concen: 50.45 ng m
RT: 14.49 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	6.6	17.1	25.7

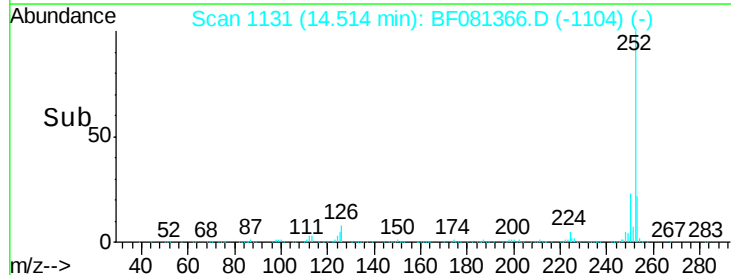
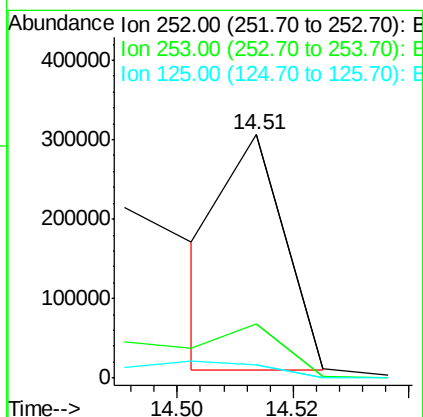
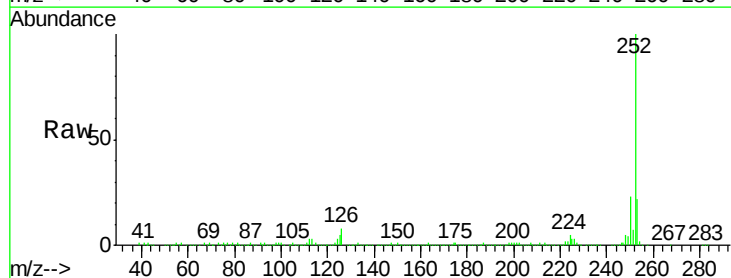
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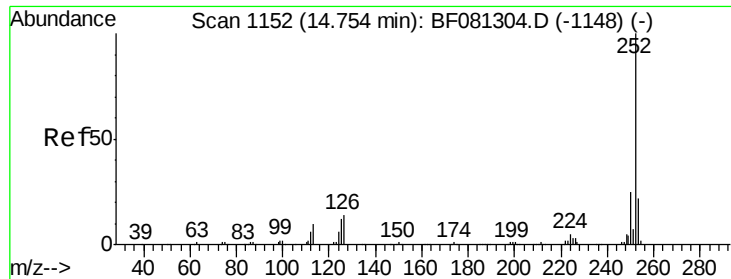
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9/3/2015 1:45:00 PM



#88
Benzo(k)fluoranthene
Concen: 28.88 ng m
RT: 14.51 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	5.5	16.0	24.0





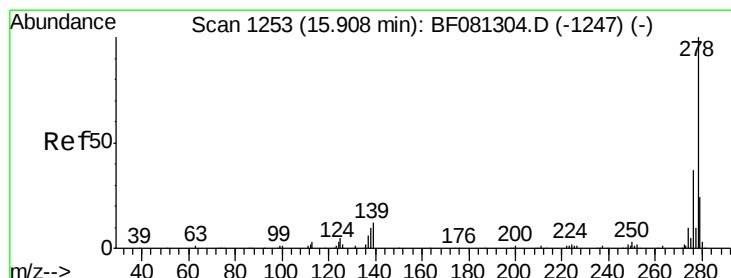
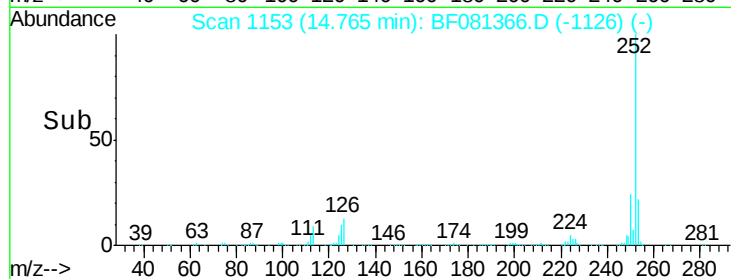
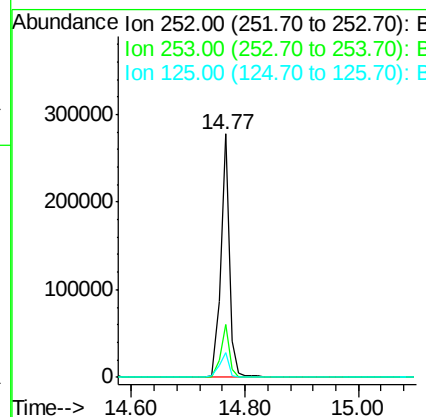
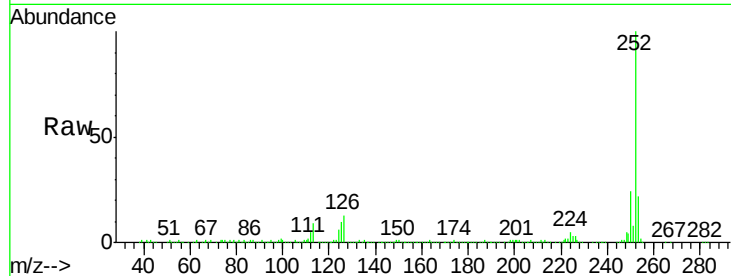
#89
Benzo(a)pyrene
Concen: 40.06 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.0	18.0	27.0

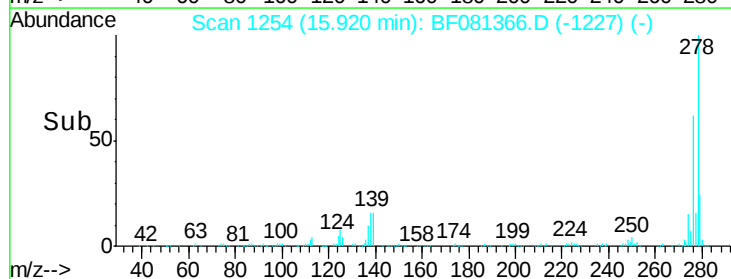
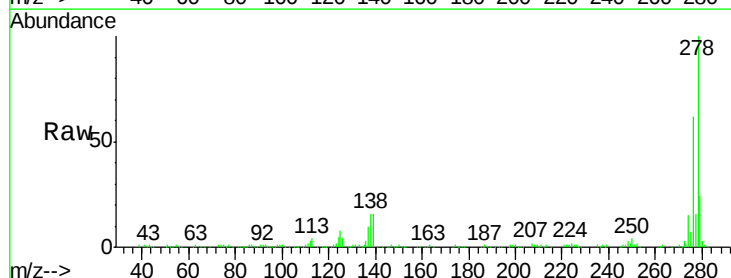
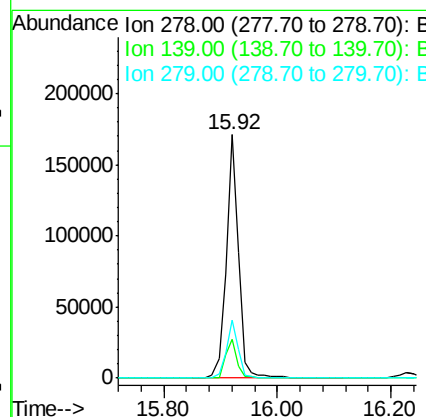
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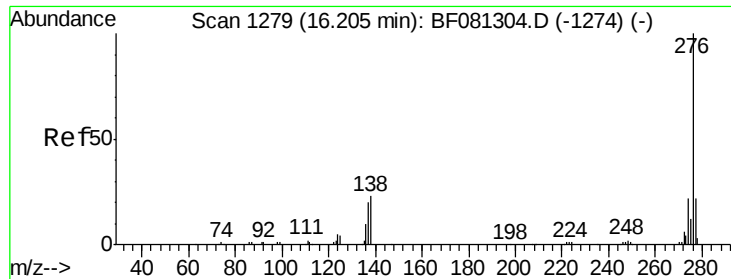
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#90
Dibenzo(a,h)anthracene
Concen: 46.01 ng
RT: 15.92 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF081366.D
Acq: 3 Sep 2015 00:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	26.3	39.5
279	23.7	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 49.75 ng
 RT: 16.23 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF081366.D
 Acq: 3 Sep 2015 00:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	17.8	26.6
138	21.1	34.6	51.8

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