

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092020.D
 Acq On : 29 Dec 2016 12:58
 Operator : UM/SJ
 Sample : H6278-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:41:44 AM

Quant Time: Dec 29 14:49:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	229035	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	967915	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	510069	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	1062793	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	647935	20.00	ng	-0.02
86) Perylene-d12	15.23	264	700081	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1011516	73.74	ng	-0.02
7) Phenol-d6	6.36	99	858871	51.29	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1600767	91.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	644825	152.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2690139	112.19	ng	-0.02
78) Terphenyl-d14	12.81	244	3023318	113.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	142279	21.07	ng	# 95
3) Pyridine	2.90	79	275284	11.68	ng	99
4) n-Nitrosodimethylamine	2.82	42	153466	17.26	ng	97
6) Aniline	6.36	93	555558	25.54	ng	# 53
8) 2-Chlorophenol	6.49	128	668040	42.81	ng	92
9) Benzaldehyde	6.24	77	98181	7.83	ng	96
10) Phenol	6.37	94	368176	19.29	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	792759	52.21	ng	97
12) 1,3-Dichlorobenzene	6.64	146	727959	43.70	ng	98
13) 1,4-Dichlorobenzene	6.70	146	673039	39.70	ng	99
14) 1,2-Dichlorobenzene	6.86	146	659144	44.81	ng	99
15) Benzyl Alcohol	6.85	79	374639	28.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1062345	46.98	ng	# 39
17) 2-Methylphenol	6.98	107	410978	32.75	ng	# 87
18) Hexachloroethane	7.21	117	265407	42.23	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	617745	55.45	ng	# 88
20) 3+4-Methylphenols	7.14	107	510019	34.08	ng	# 72
22) Acetophenone	7.12	105	1145391	47.98	ng	# 89
24) Nitrobenzene	7.29	77	888078	47.90	ng	92
25) Isophorone	7.53	82	1553989	48.39	ng	97
26) 2-Nitrophenol	7.60	139	389336	42.58	ng	94
27) 2,4-Dimethylphenol	7.65	122	549601	36.24	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	1036528	53.23	ng	99
29) 2,4-Dichlorophenol	7.86	162	585654	45.61	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	638514	45.38	ng	97
31) Naphthalene	8.01	128	2055605	46.40	ng	99
32) Benzoic acid	7.76	122	117683	10.46	ng	98
33) 4-Chloroaniline	8.06	127	481304	24.10	ng	# 94
34) Hexachlorobutadiene	8.12	225	316001	42.55	ng	99
35) Caprolactam	8.44	113	28387	6.73	ng	# 54
36) 4-Chloro-3-methylphenol	8.56	107	589709	39.91	ng	99
37) 2-Methylnaphthalene	8.69	142	1315445	51.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	626444	48.61	ng	98
40) Hexachlorocyclopentadiene	8.85	237	515022	89.25	ng	98

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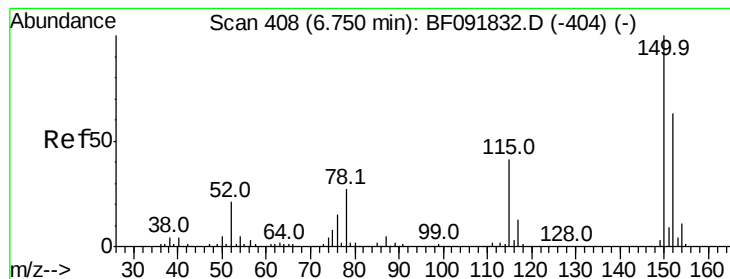
Manual Integrations
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 12/30/2016 8:41:44 AM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	406357	45.09	nq	96
43) 2,4,5-Trichlorophenol	9.04	196	457263	49.30	nq	93
45) 1,1'-Biphenyl	9.16	154	1701877	48.73	nq	98
46) 2-Chloronaphthalene	9.18	162	1318346	47.67	nq	96
47) 2-Nitroaniline	9.29	65	431697	43.84	nq	99
48) Acenaphthylene	9.60	152	1855453	43.62	nq	100
49) Dimethylphthalate	9.47	163	1742110	53.40	nq	98
50) 2,6-Dinitrotoluene	9.54	165	397361	55.65	nq	# 82
51) Acenaphthene	9.77	154	1193999	41.40	nq	99
52) 3-Nitroaniline	9.70	138	225898	25.56	nq	99
53) 2,4-Dinitrophenol	9.81	184	292889	73.72	nq	# 80
54) Dibenzofuran	9.94	168	1620123	41.60	nq	98
55) 4-Nitrophenol	9.89	139	197395	32.90	nq	88
56) 2,4-Dinitrotoluene	9.94	165	466904	52.10	nq	# 88
57) Fluorene	10.28	166	1272957	44.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	354475	48.32	nq	99
59) Diethylphthalate	10.17	149	1527683	48.22	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	651533	52.52	nq	# 81
61) 4-Nitroaniline	10.32	138	350784	38.31	nq	97
62) Azobenzene	10.44	77	1915152	54.90	nq	88
64) 4,6-Dinitro-2-methylphenol	10.35	198	230029	35.79	nq	100
65) n-Nitrosodiphenylamine	10.41	169	1333811	42.29	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	417715	37.78	nq	95
67) Hexachlorobenzene	10.83	284	457425	38.71	nq	95
68) Atrazine	10.93	200	395596	38.89	nq	97
69) Pentachlorophenol	11.04	266	468423	80.79	nq	99
70) Phenanthrene	11.24	178	2530412	43.91	nq	99
71) Anthracene	11.29	178	2417699	48.67	nq	100
72) Carbazole	11.45	167	2346303	54.71	nq	100
73) Di-n-butylphthalate	11.79	149	3092978	57.81	nq	99
74) Fluoranthene	12.42	202	2529462	50.50	nq	99
76) Benzidine	12.55	184	482612	26.24	nq	96
77) Pyrene	12.65	202	2358944	49.62	nq	99
79) Butylbenzylphthalate	13.28	149	1220035	56.43	nq	99
80) Benzo(a)anthracene	13.84	228	2009588	54.95	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	636552	45.90	nq	# 94
82) Chrysene	13.88	228	2081520	56.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1541208	60.53	nq	# 94
84) Di-n-octyl phthalate	14.45	149	2903960	61.57	nq	99
85) Indeno(1,2,3-cd)pyrene	16.55	276	1874655	58.98	nq	97
87) Benzo(b)fluoranthene	14.85	252	2382460m	54.66	nq	
88) Benzo(k)fluoranthene	14.88	252	1401372m	37.70	nq	
89) Benzo(a)pyrene	15.17	252	1812123	46.84	nq	98
90) Dibenzo(a,h)anthracene	16.56	278	1511956	47.55	nq	99
91) Benzo(g,h,i)perylene	16.93	276	1614007	48.82	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

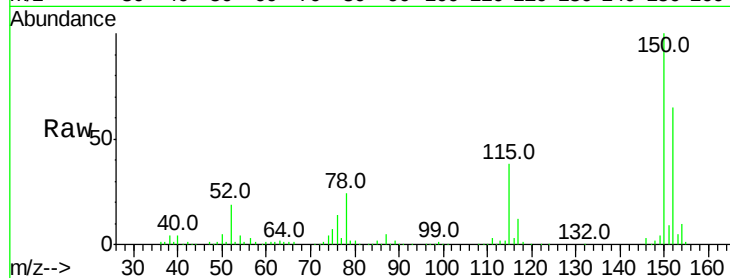
ClientSampleId :

MW-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.9	187.3
115	58.2	46.0	69.0

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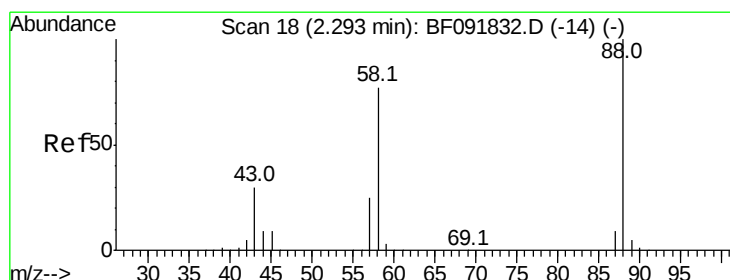
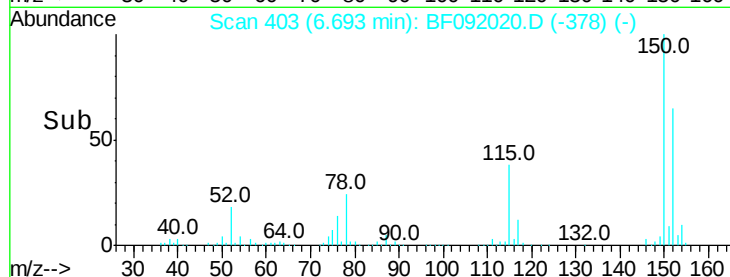
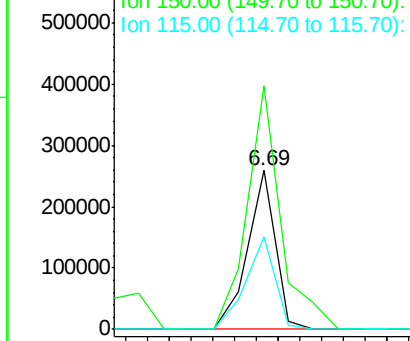


Abundance

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: 21.07 ng

RT: 2.20 min Scan# 10

Delta R.T. 0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

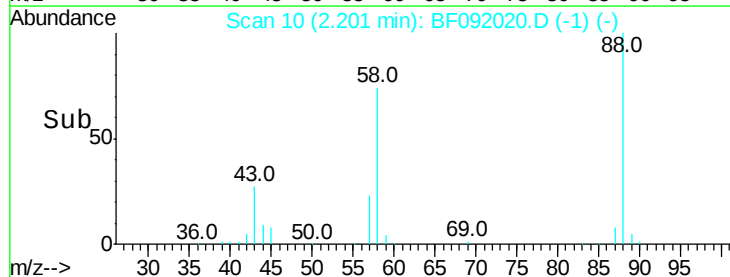
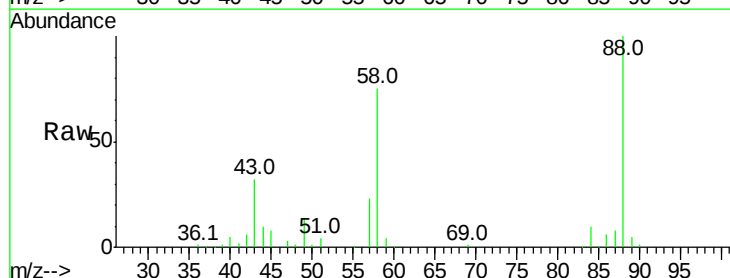
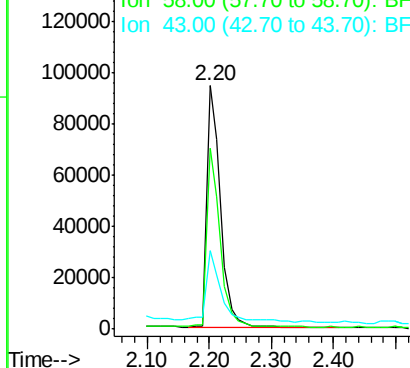
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	57.8	86.8
43	35.2	22.3	33.5

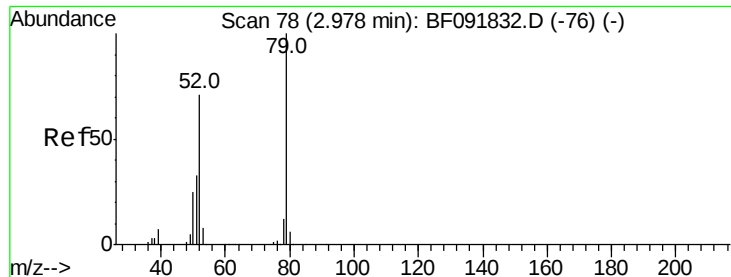
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





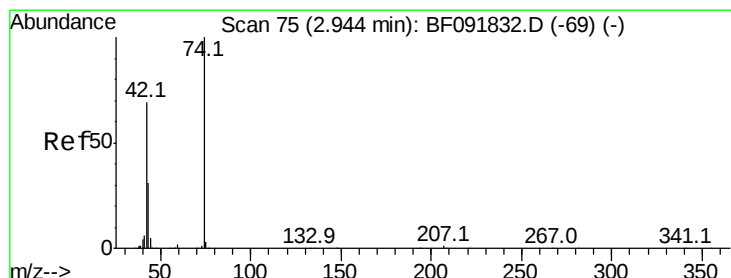
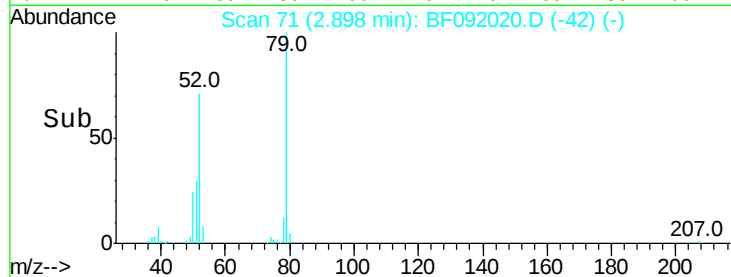
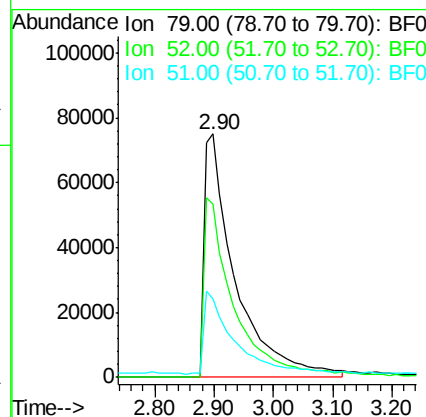
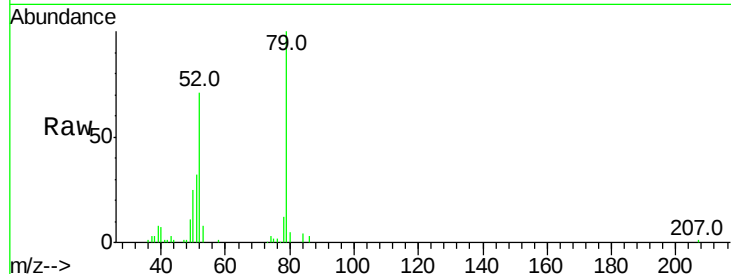
#3
Pvridine
Concen: 11.68 ng
RT: 2.90 min Scan# 71
Delta R.T. 0.03 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
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ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.9	57.1	85.7
51	32.4	27.3	40.9

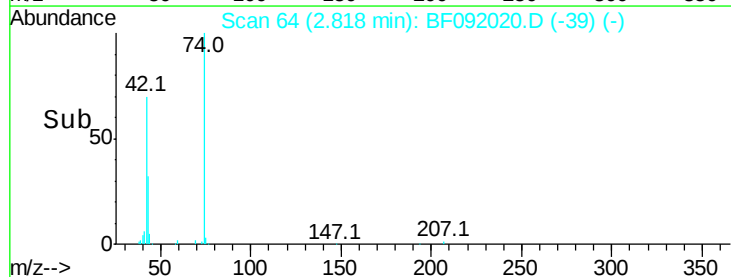
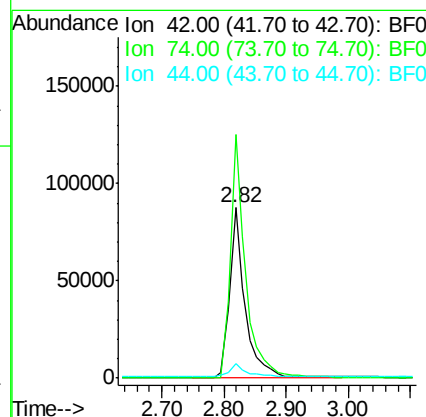
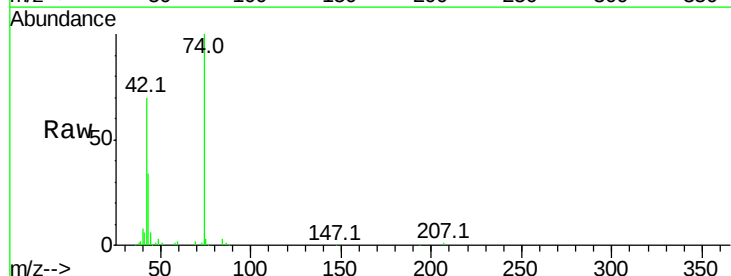
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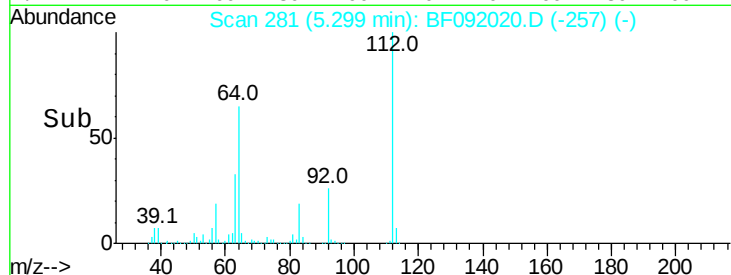
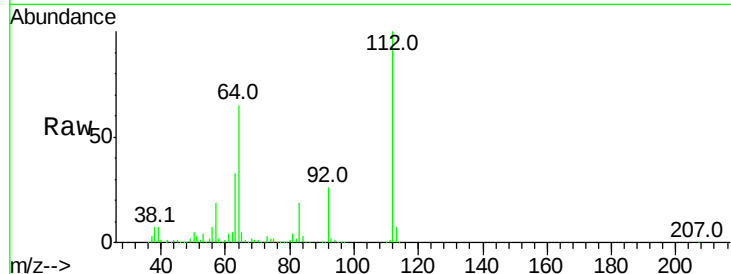
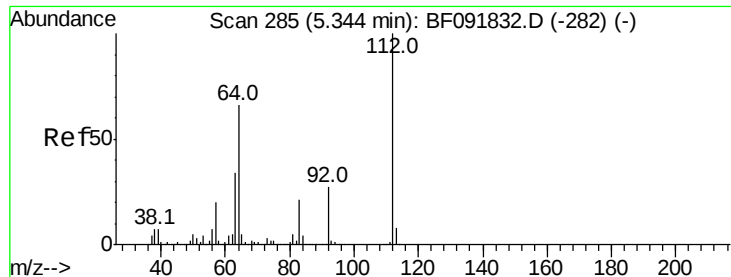
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#4
n-Nitrosodimethylamine
Concen: 17.26 ng
RT: 2.82 min Scan# 64
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.9	117.0	175.4
44	8.2	5.5	8.3





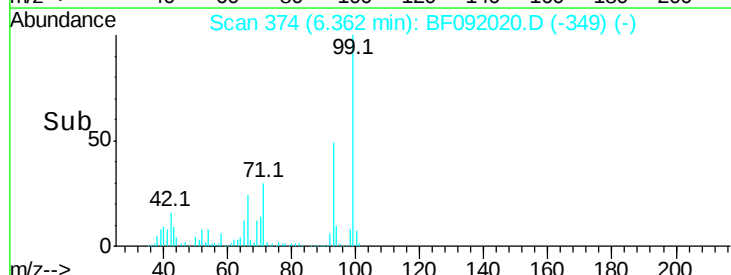
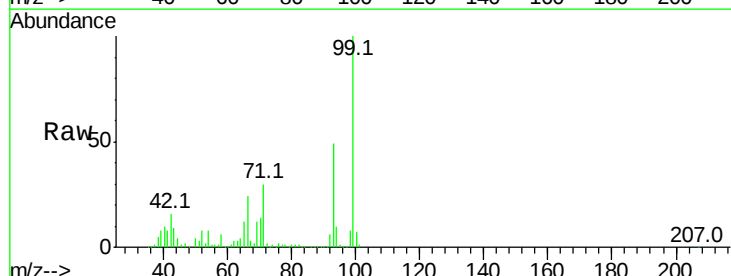
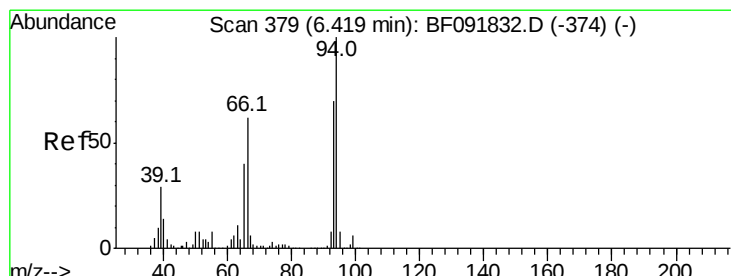
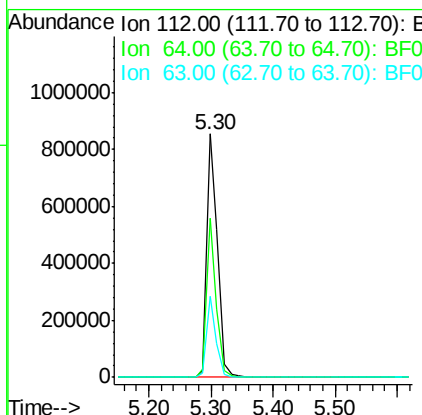
#5
2-Fluorophenol
Concen: 73.74 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.1	69.1
63	33.1	23.8	35.6

Instrument :
BNA_F
ClientSampleId :
MW-01MS

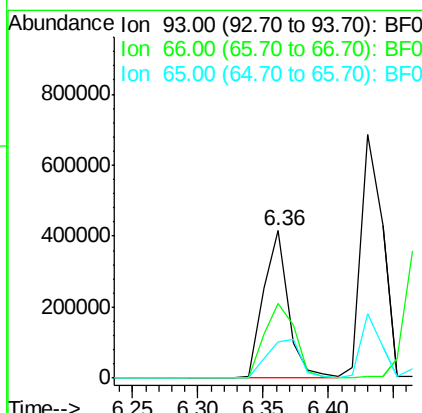
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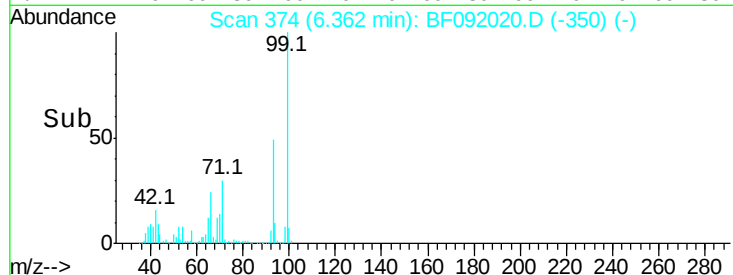
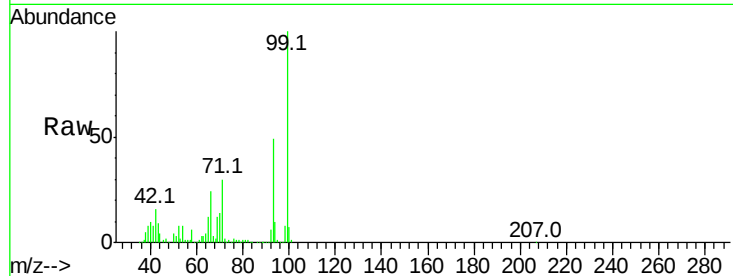
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#6
Aniline
Concen: 25.54 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	50.5	76.2	114.2#
65	24.5	49.3	73.9#





#7

Phenol-d6

Concen: 51.29 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tot Ion:	99	Resp:	858871
Ion Ratio	Lower	Upper	
99	100		
42	16.1	15.6	23.4
71	30.1	27.5	41.3

Instrument :

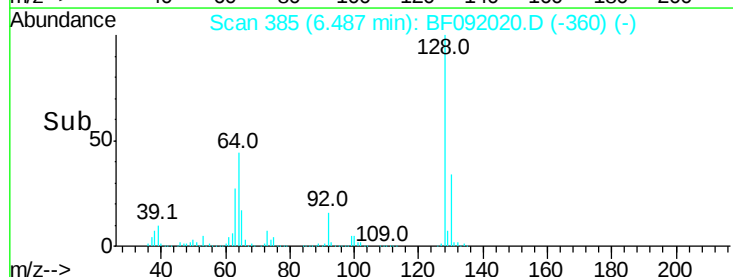
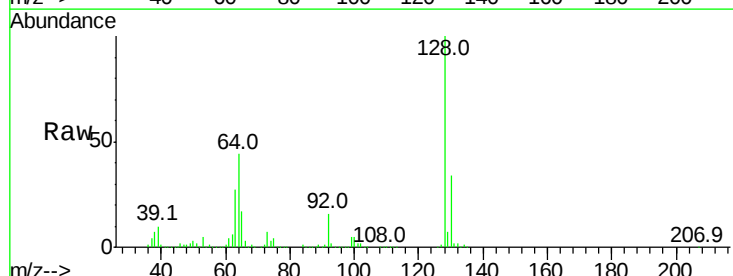
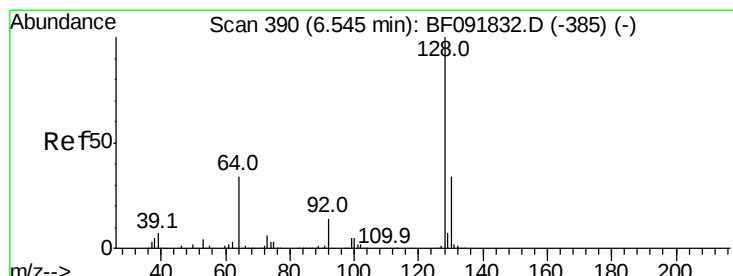
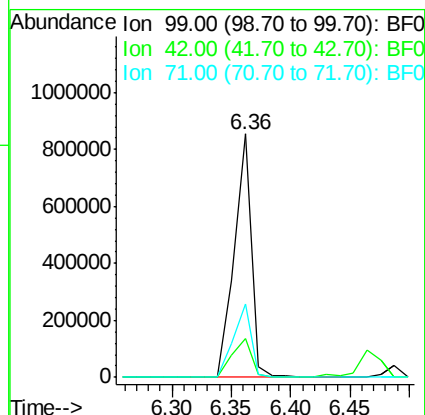
BNA_F

ClientSampleId :

MW-01MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.81 ng

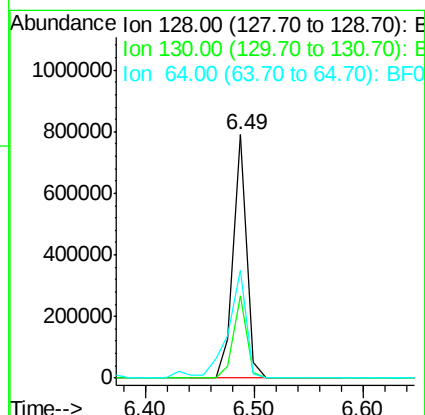
RT: 6.49 min Scan# 385

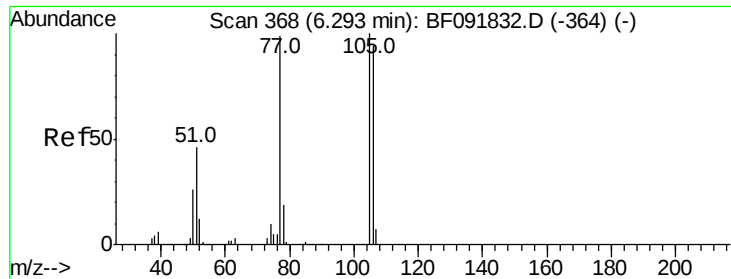
Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:	128	Resp:	668040
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.3	52.3
64	44.5	32.2	72.2





#9

Benzaldehyde

Concen: 7.83 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

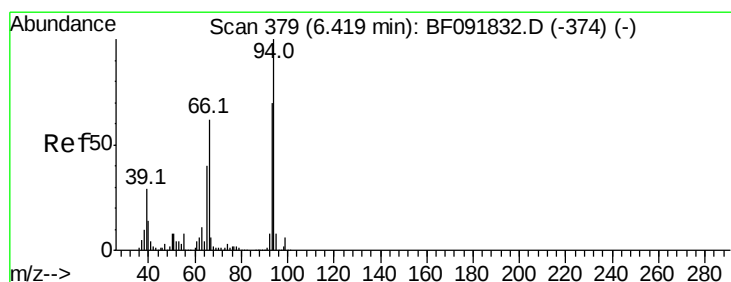
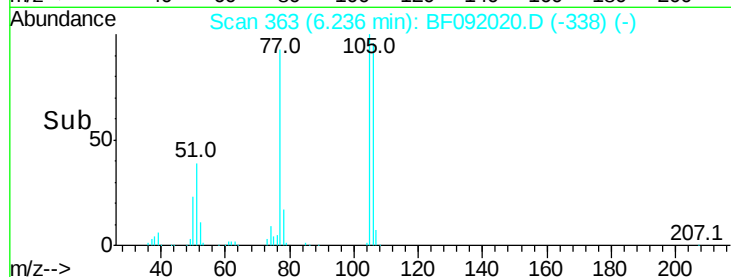
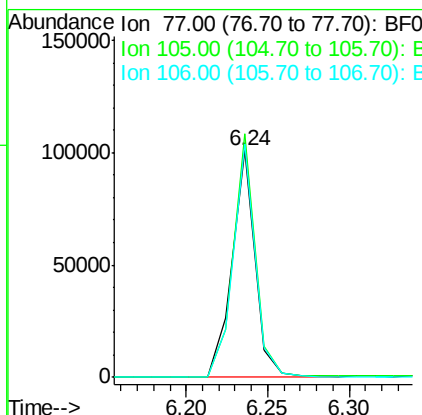
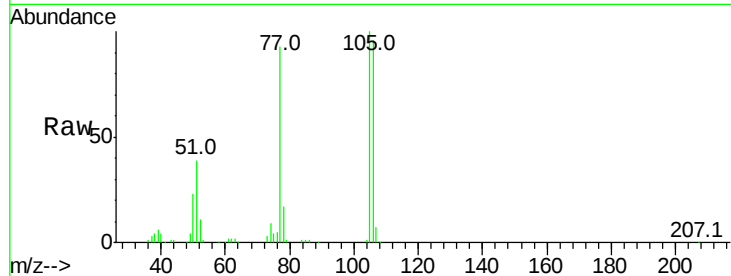
MW-01MS

Tot Ion: 77 Resp: 98181

Ion	Ratio	Lower	Upper
77	100		
105	107.3	83.9	123.9
106	102.9	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 19.29 ng

RT: 6.37 min Scan# 375

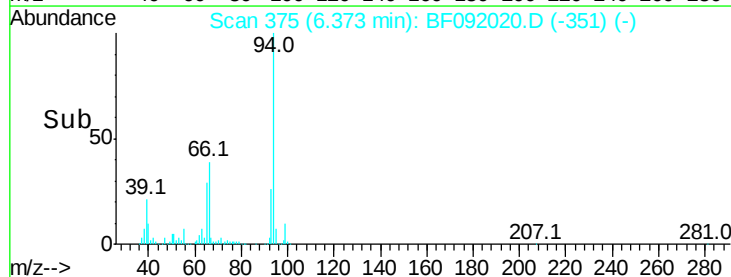
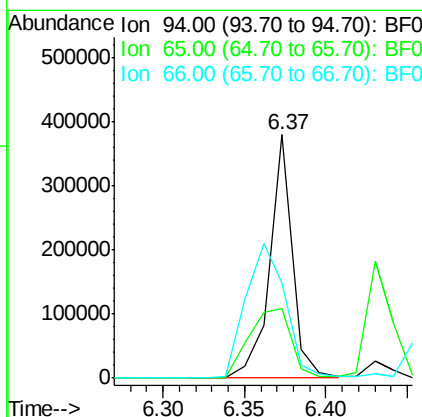
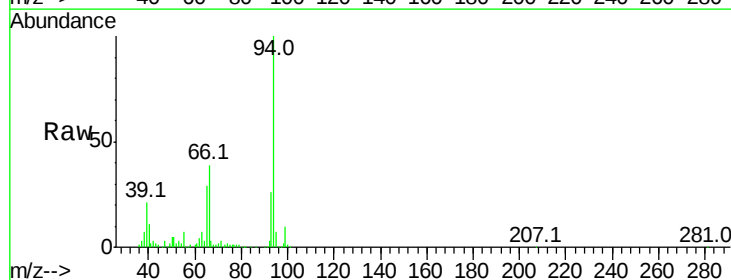
Delta R.T. -0.02 min

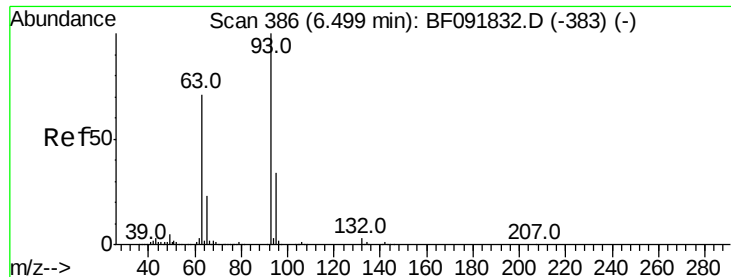
Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion: 94 Resp: 368176

Ion	Ratio	Lower	Upper
94	100		
65	28.5	21.4	61.4
66	39.0	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 52.21 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

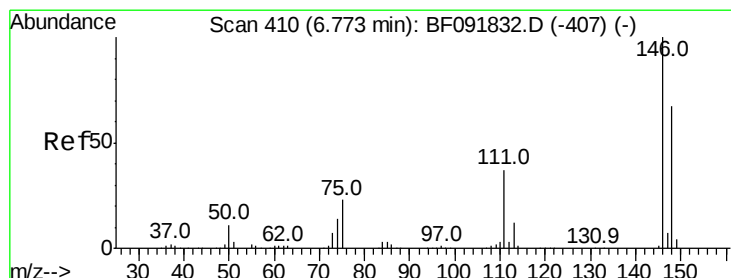
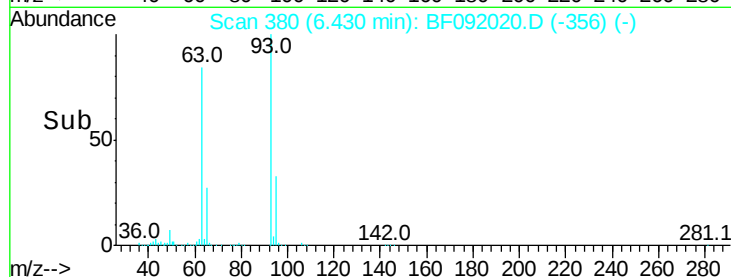
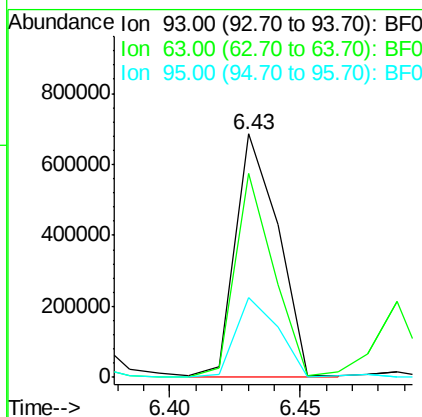
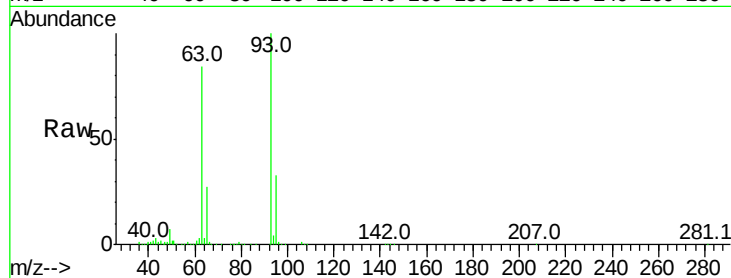
ClientSampleId :

MW-01MS

Tot Ion:	93	Resp:	792759
Ion Ratio	Lower	Upper	
93	100		
63	83.7	60.4	100.4
95	32.5	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.70 ng

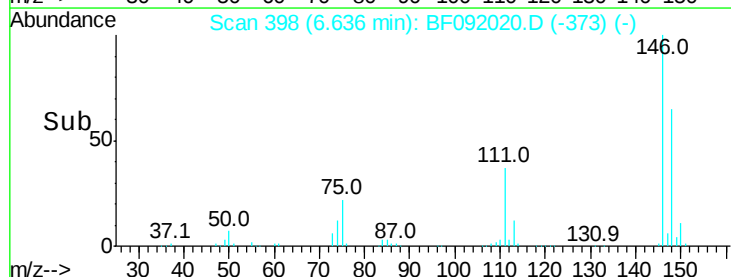
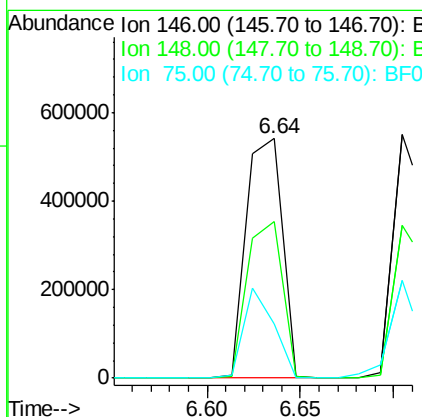
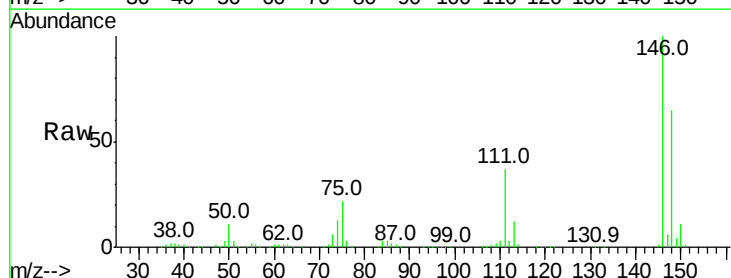
RT: 6.64 min Scan# 398

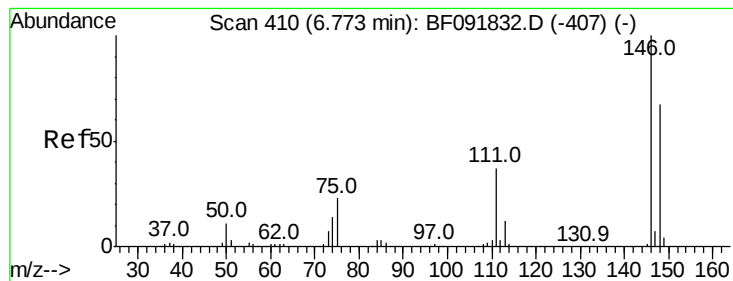
Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:	146	Resp:	727959
Ion Ratio	Lower	Upper	
146	100		
148	65.4	53.4	80.0
75	22.5	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.70 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

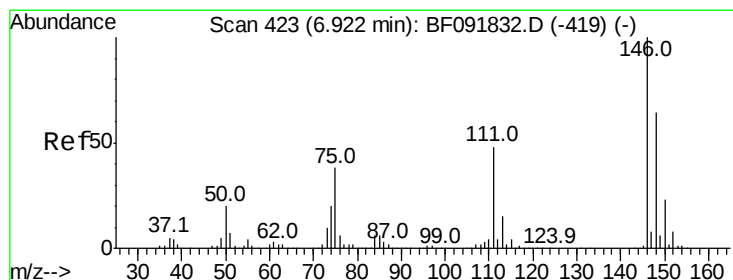
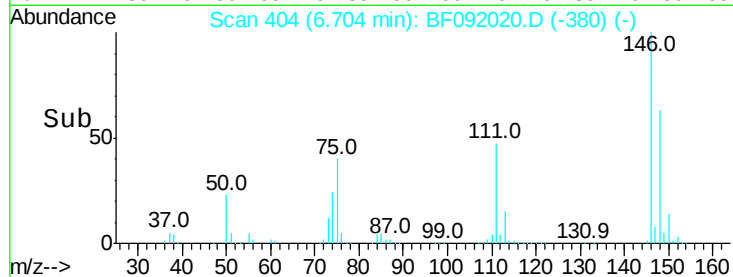
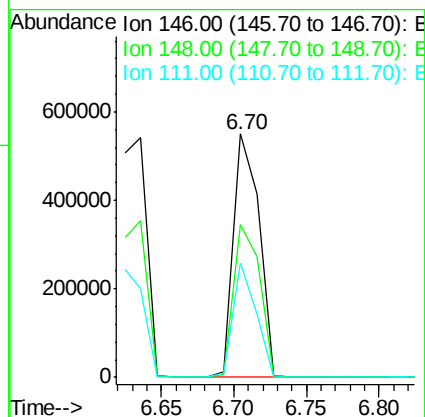
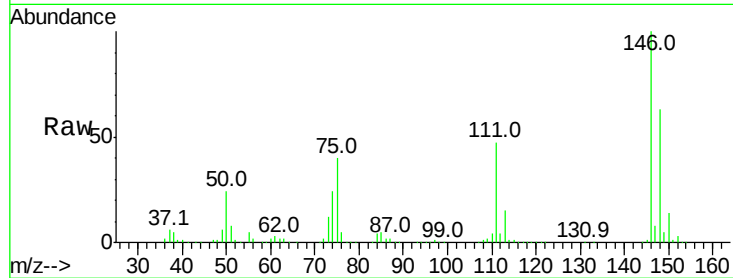
ClientSampleID :

MW-01MS

Tot Ion:	146	Resp:	673039
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.6	76.0
111	46.9	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.81 ng

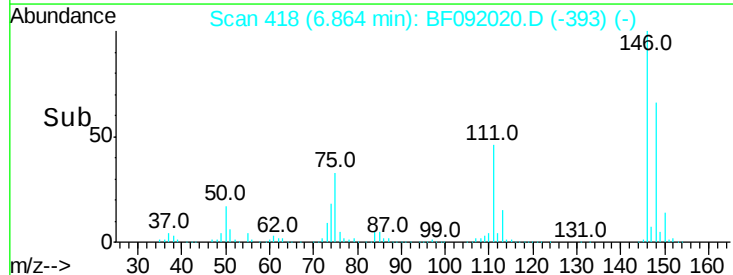
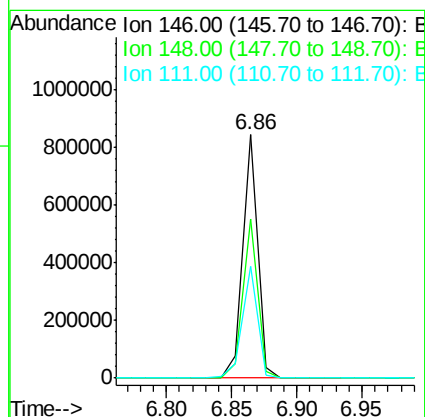
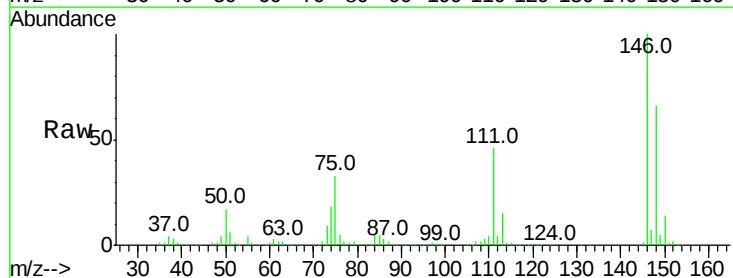
RT: 6.86 min Scan# 418

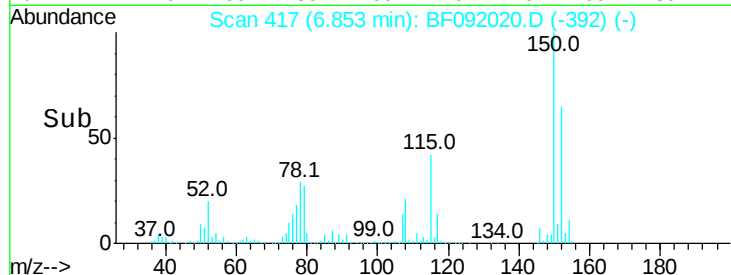
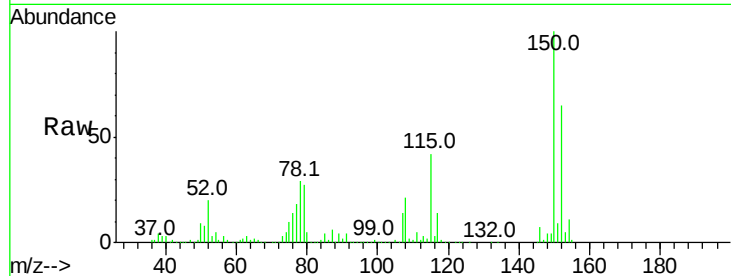
Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:	146	Resp:	659144
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	45.8	36.2	54.2





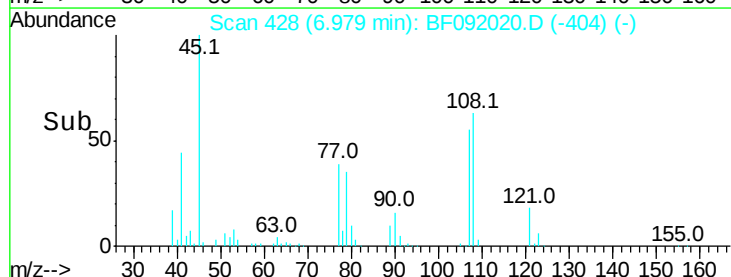
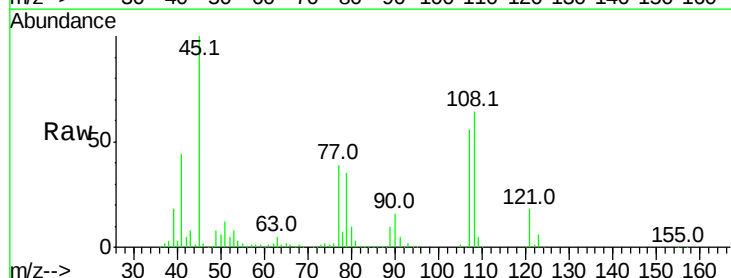
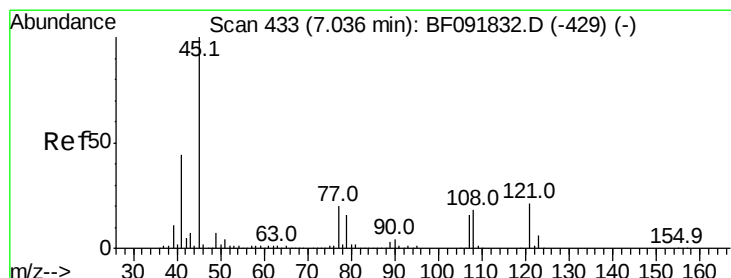
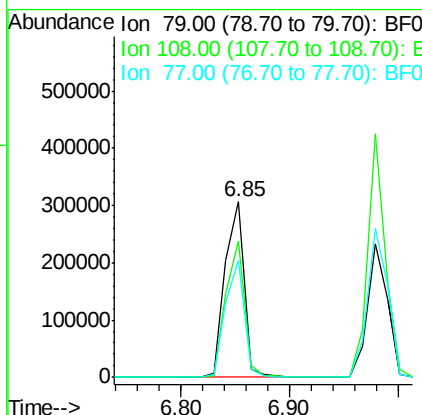
#15
Benzyl Alcohol
Concen: 28.79 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.0	61.4	92.0	
77	66.4	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
MW-01MS

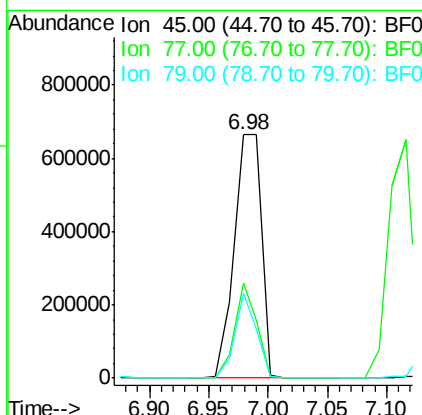
Manual Integrations
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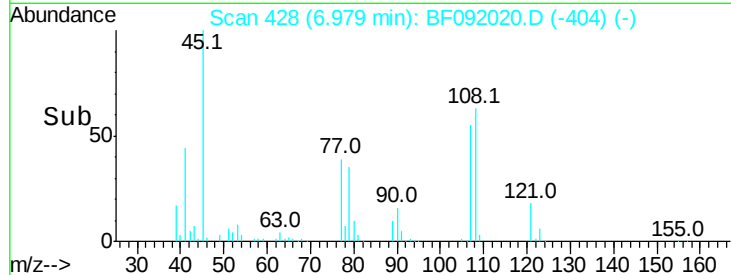
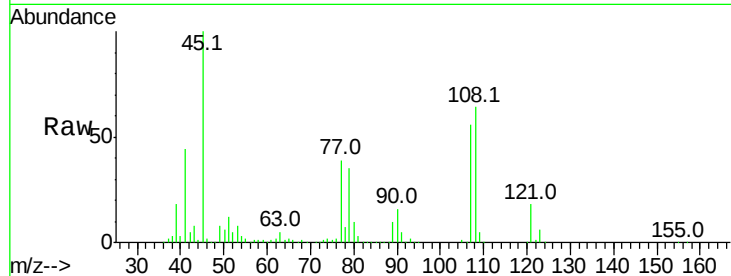
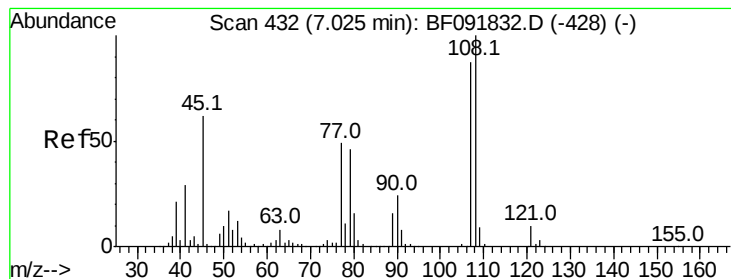
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.98 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	39.1	0.0	34.6#	
79	35.1	0.0	31.2#	





#17

2-Methylphenol

Concen: 32.75 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.0	139.6	
77	70.2	39.8	59.8	
79	62.9	38.0	57.0	

Instrument :

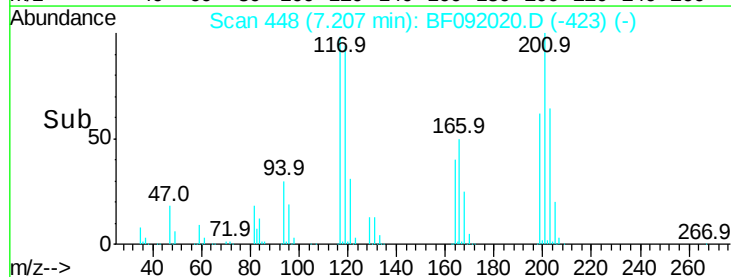
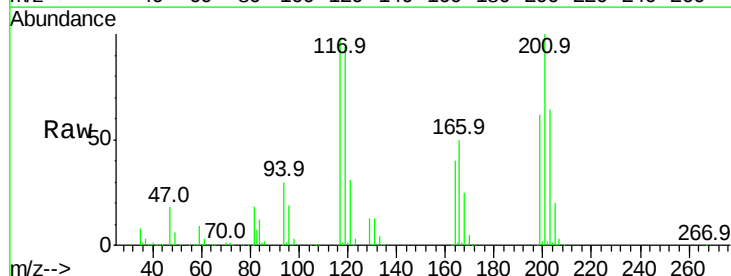
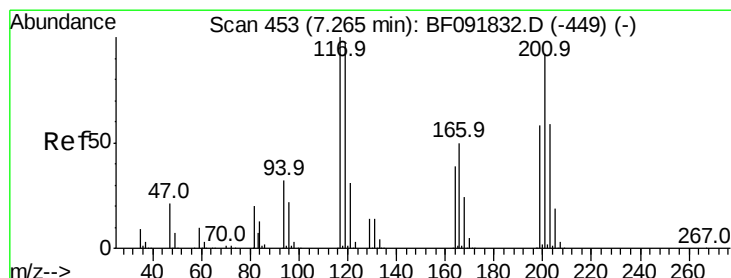
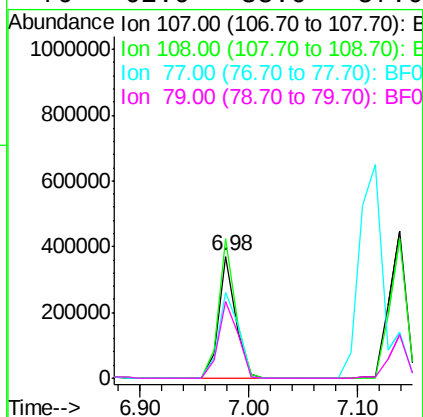
BNA_F

ClientSampled :

MW-01MS

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#18

Hexachloroethane

Concen: 42.23 ng

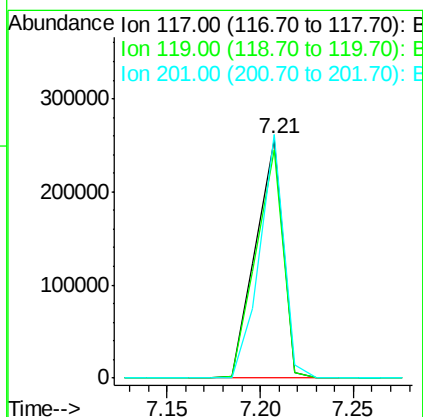
RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.1	117.1	
201	101.9	78.6	117.8	





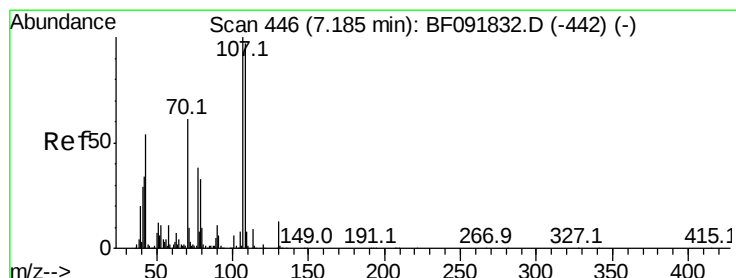
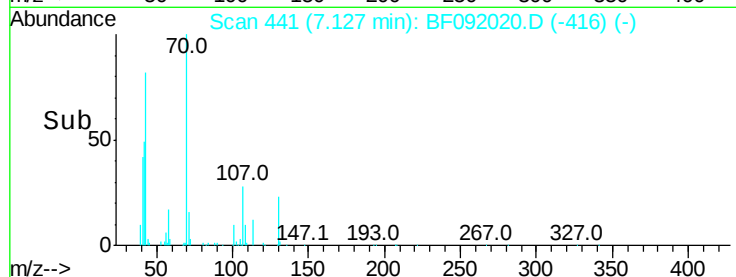
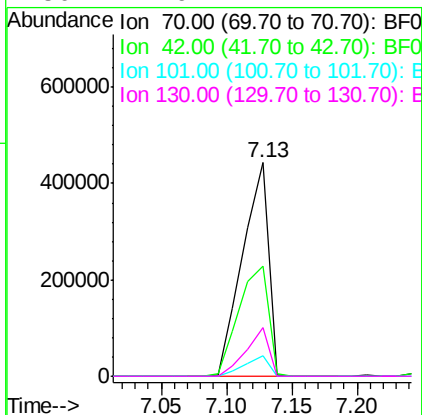
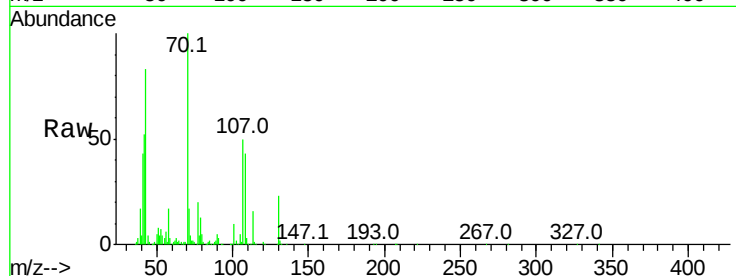
#19
n-Nitroso-di-n-propylamine
Concen: 55.45 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	49.4	74.0
101	9.9	7.4	11.2
130	22.6	14.2	21.4

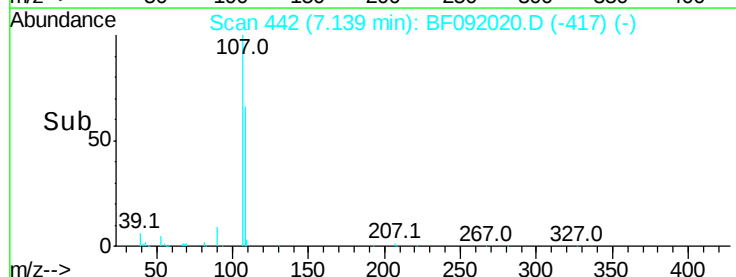
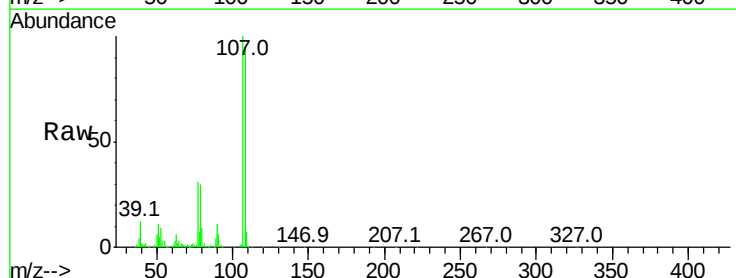
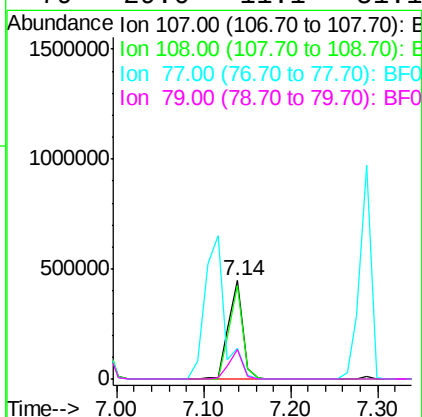
Manual Integrations
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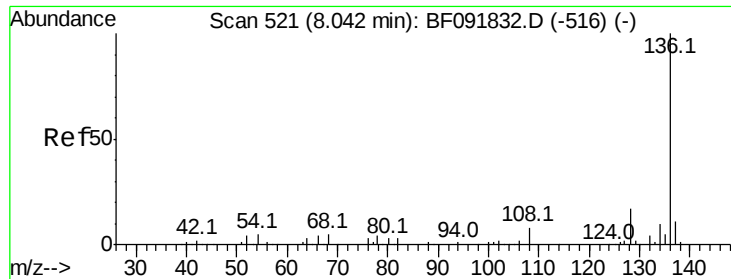
Sohil
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#20
3+4-Methylphenols
Concen: 34.08 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	73.0	113.0
77	31.3	71.3	111.3
79	29.6	11.1	51.1





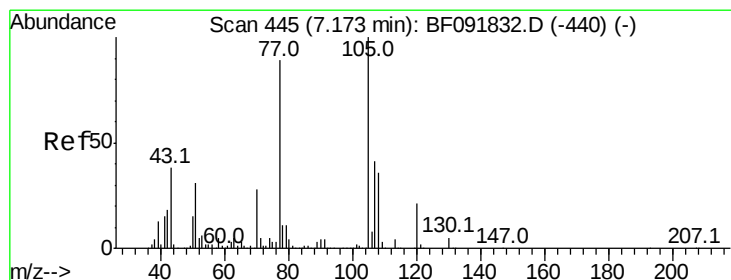
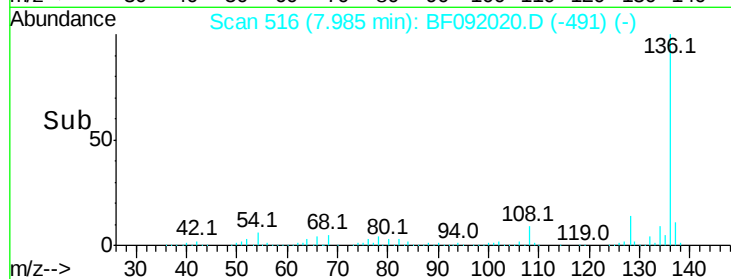
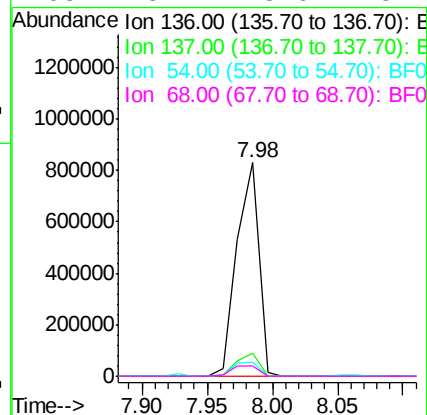
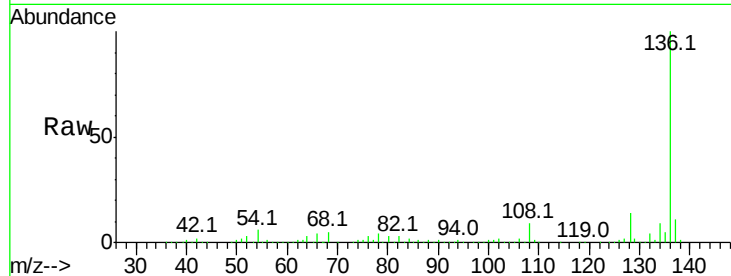
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	967915		
137	10.8		8.4	12.6
54	6.3		4.5	6.7
68	5.1		3.6	5.4

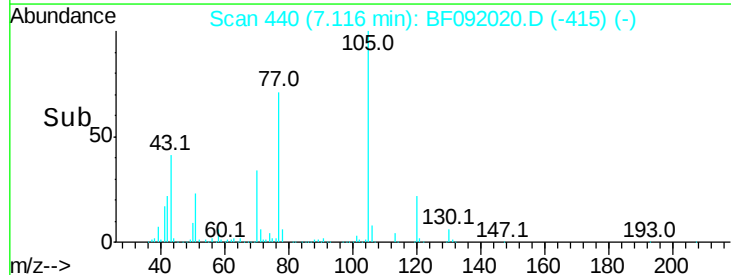
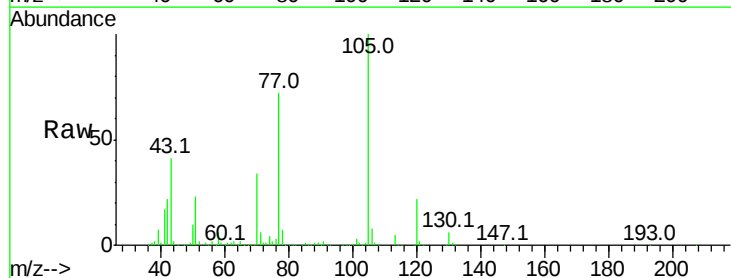
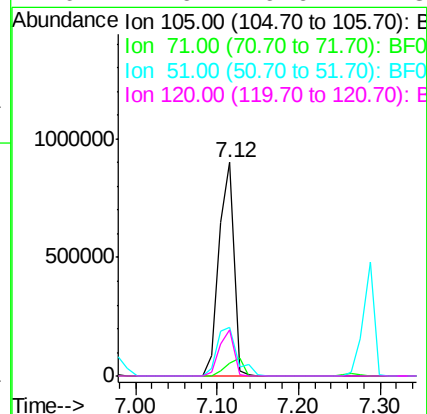
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#22
Acetophenone
Concen: 47.98 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1145391		
71	5.9		3.2	4.8#
51	23.0		26.2	39.4#
120	21.6		16.6	24.8





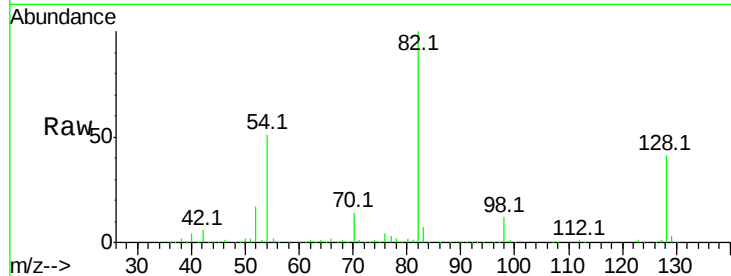
#23
Nitrobenzene-d5
Concen: 91.96 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleID :
MW-01MS

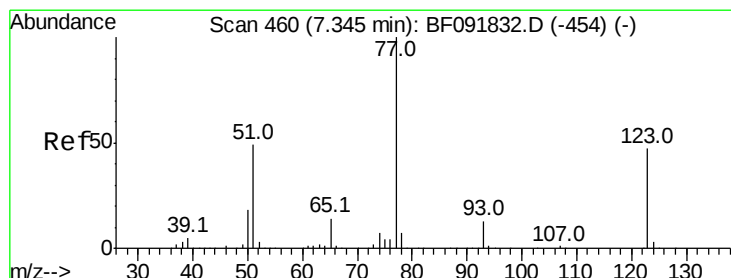
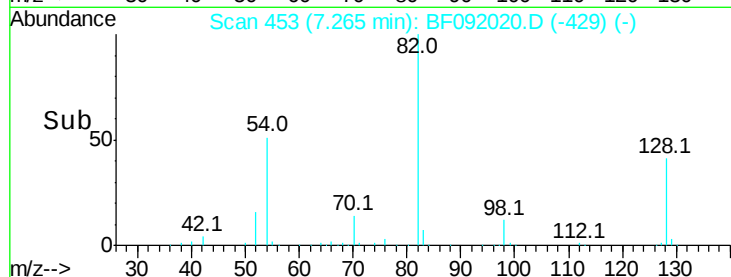
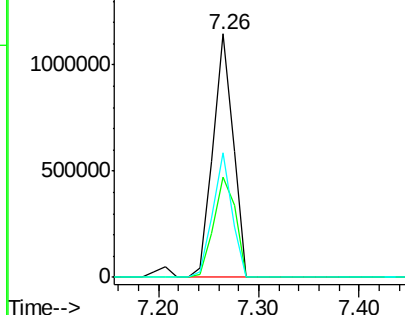
Tot Ion: 82 Resp: 1600767
Ion Ratio Lower Upper
82 100
128 41.0 34.6 52.0
54 51.1 39.5 59.3

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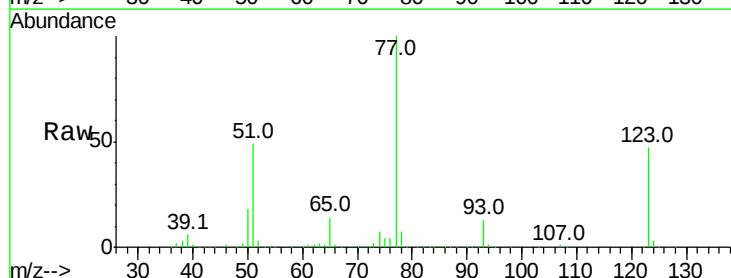


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

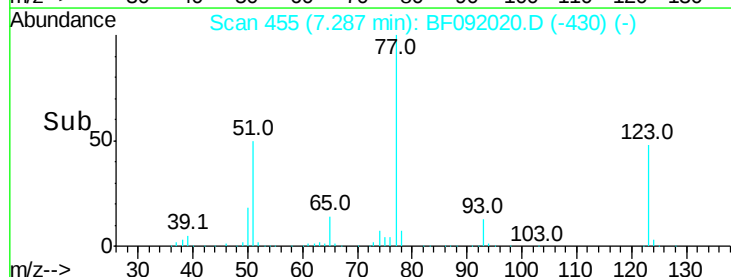
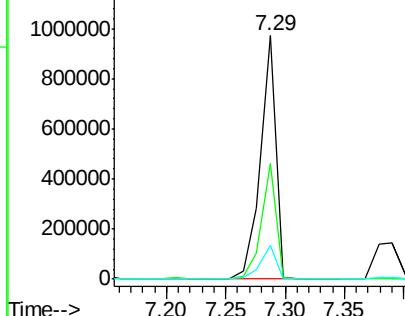


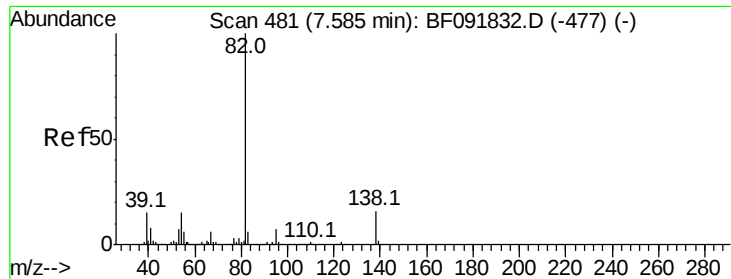
#24
Nitrobenzene
Concen: 47.90 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion: 77 Resp: 888078
Ion Ratio Lower Upper
77 100
123 47.5 33.0 49.4
65 13.6 11.2 16.8



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





#25

Isophorone

Concen: 48.39 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion: 82 Resp: 1553989

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

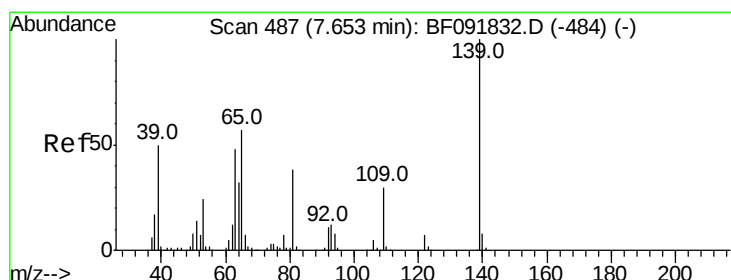
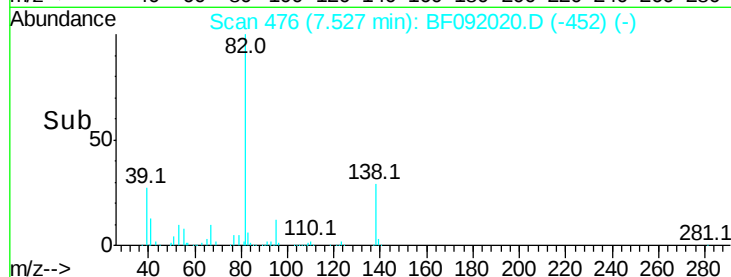
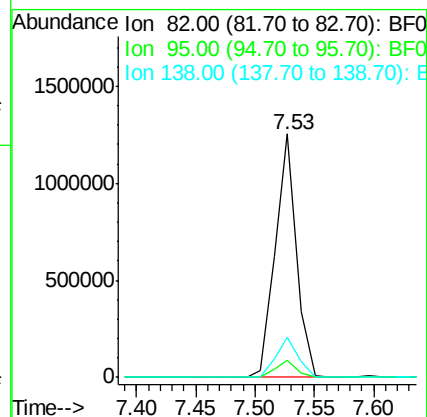
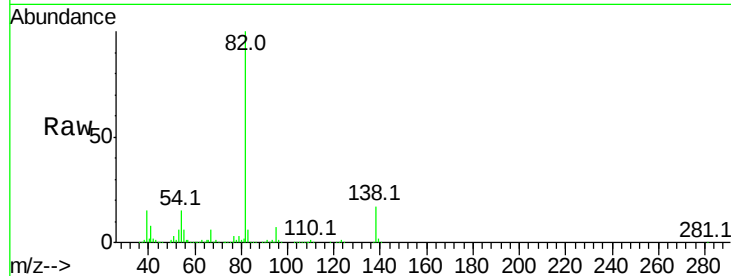
138 16.5 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.58 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

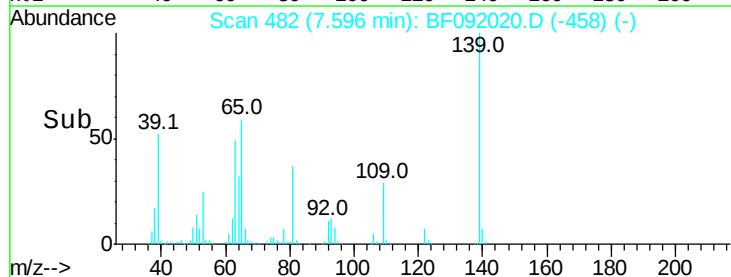
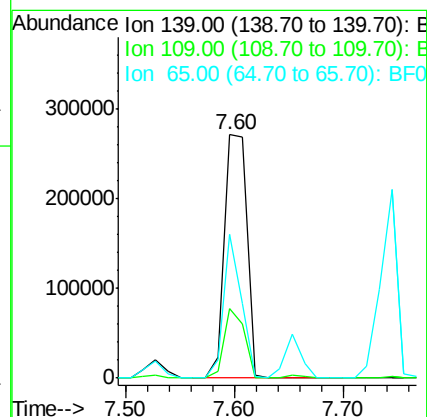
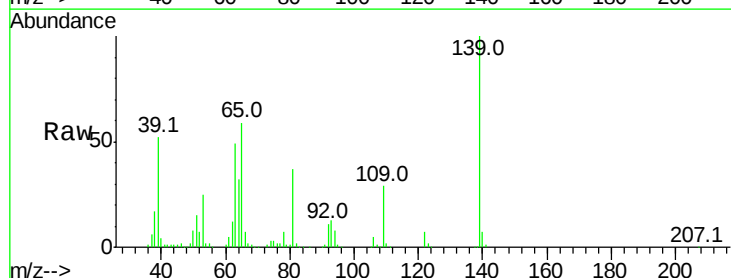
Tgt Ion: 139 Resp: 389336

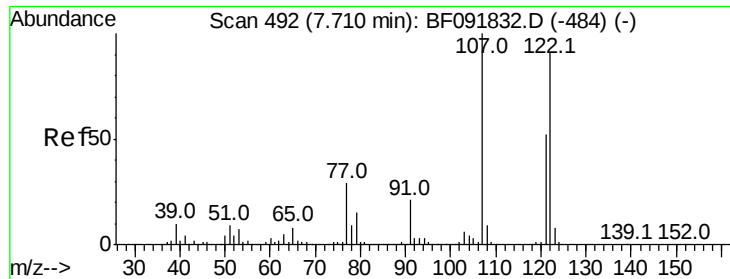
Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

65 59.2 42.7 64.1





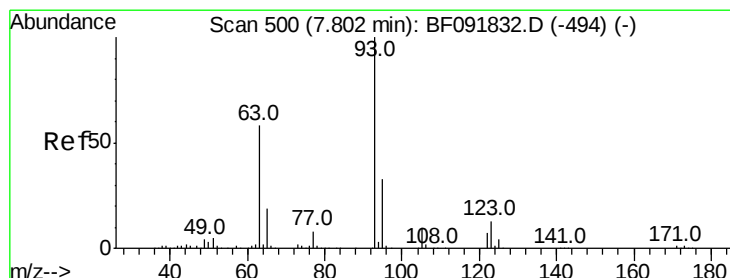
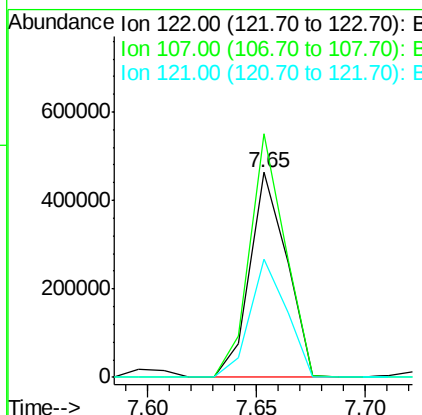
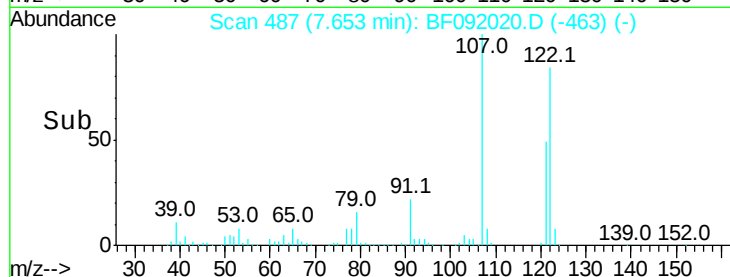
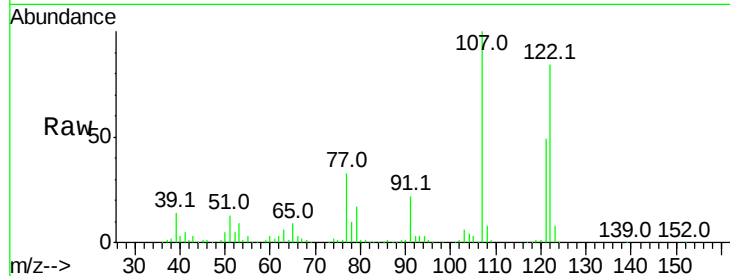
#27
 2,4-Dimethylphenol
 Concen: 36.24 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	94.1	141.1
121	57.9	46.0	69.0

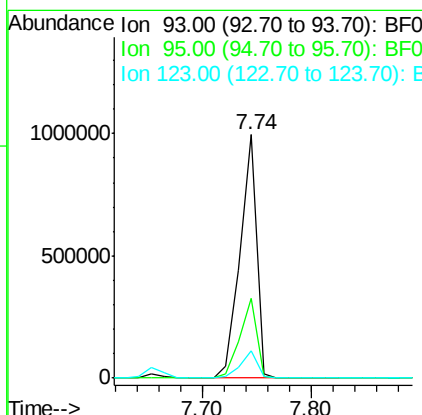
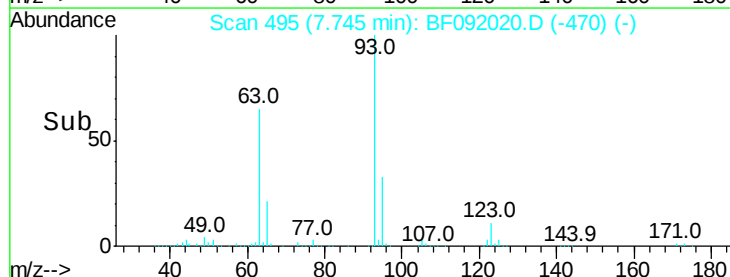
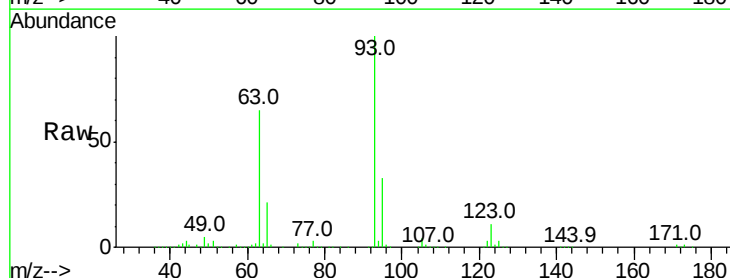
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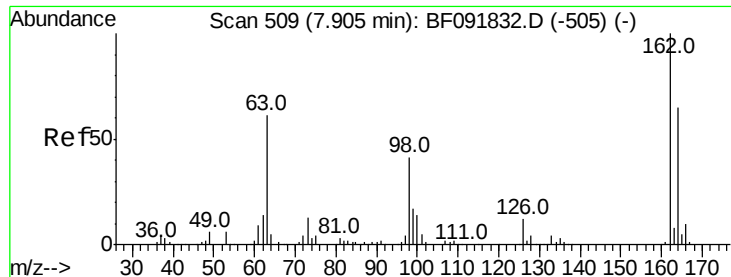
Sohil
 12/30/2016 8:41:44 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.23 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.0	8.6	13.0





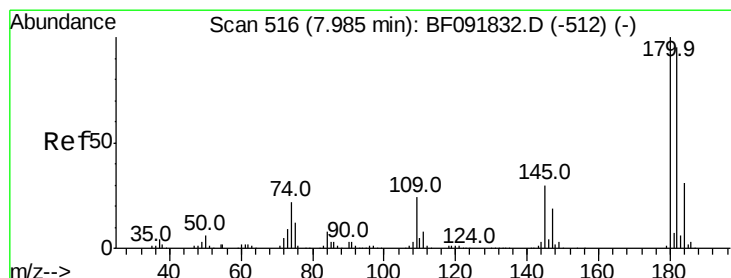
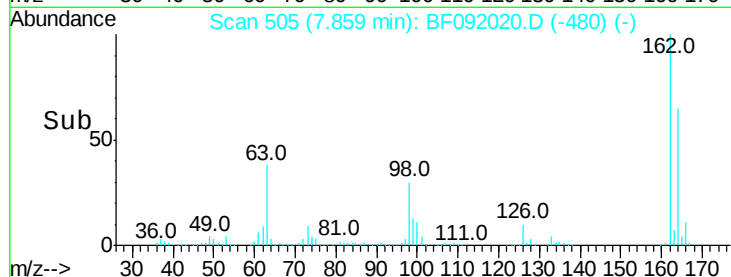
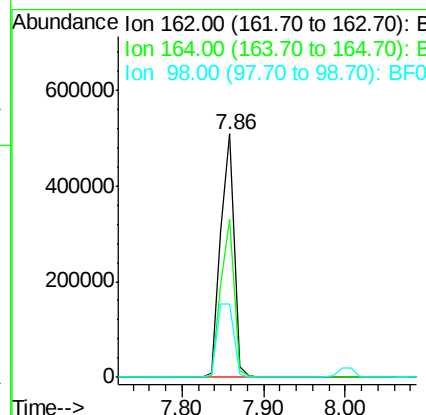
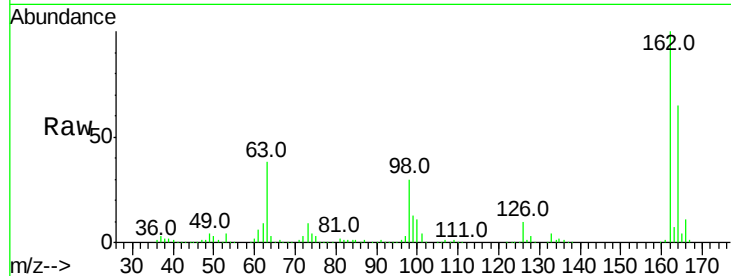
#29
2,4-Dichlorophenol
Concen: 45.61 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	46.8	86.8
98	30.4	9.1	49.1

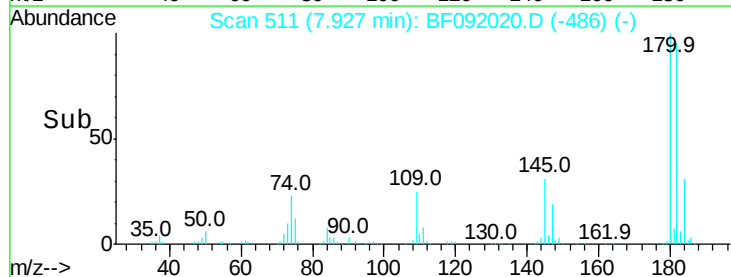
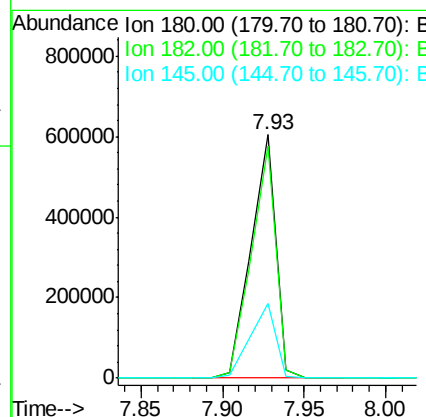
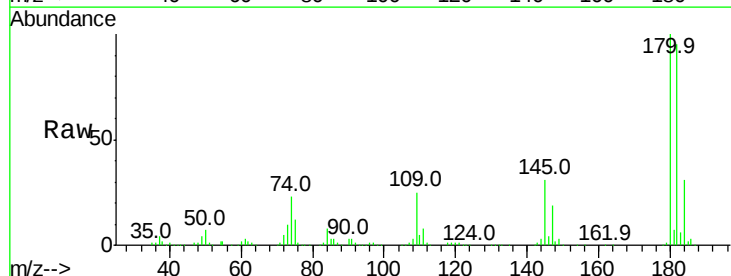
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 45.38 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	78.2	117.4
145	30.5	21.6	32.4





#31

Naphthalene

Concen: 46.40 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:128 Resp: 2055605

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

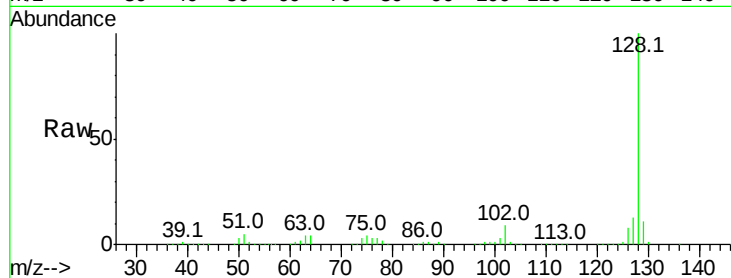
127 13.2 10.8 16.2

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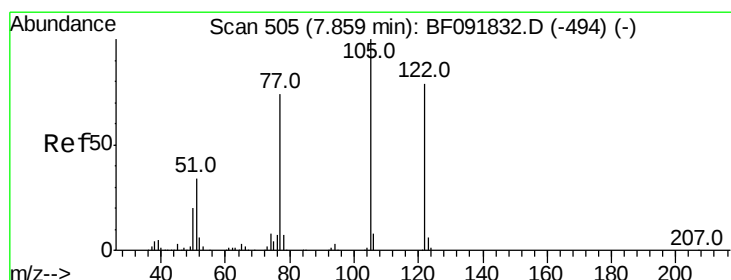
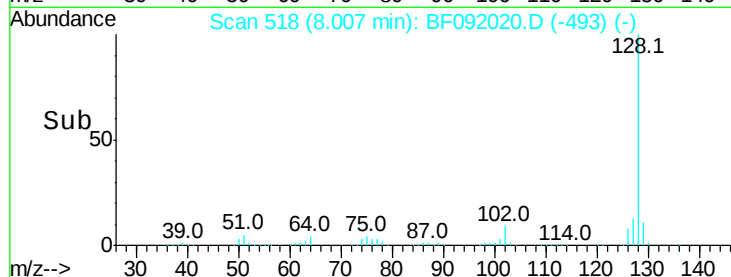
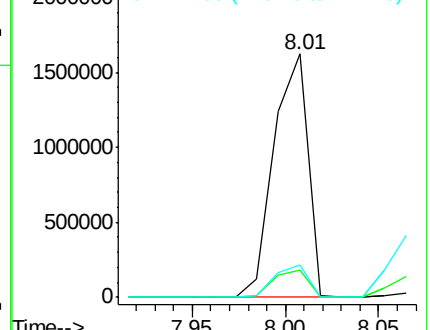
12/30/2016 8:41:44 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.46 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.08 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

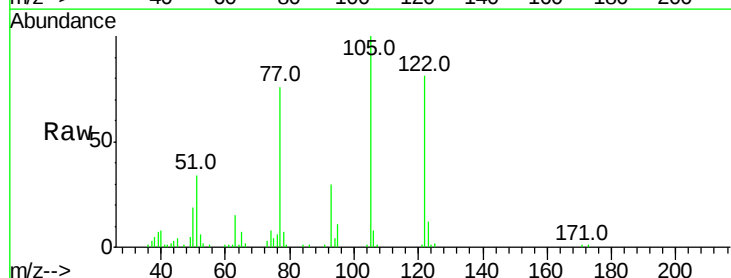
Tgt Ion:122 Resp: 117683

Ion Ratio Lower Upper

122 100

105 123.7 107.2 147.2

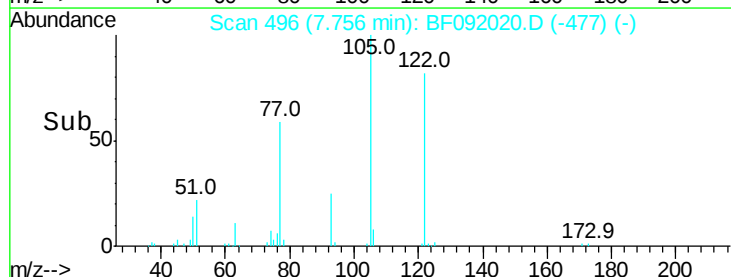
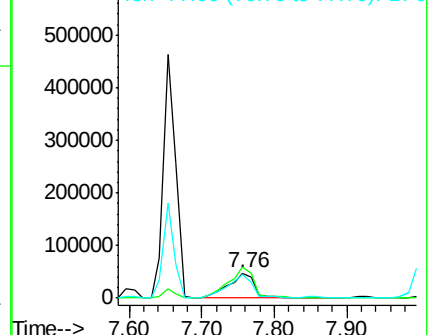
77 93.5 74.5 114.5

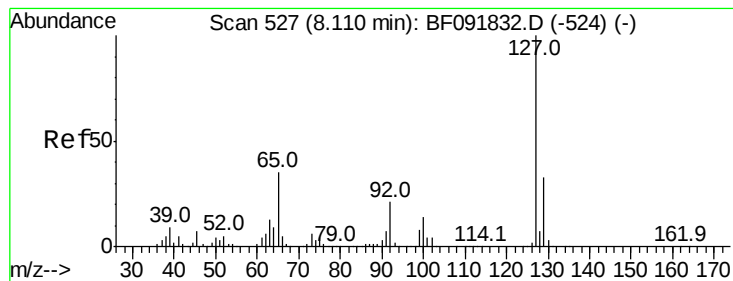


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.10 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

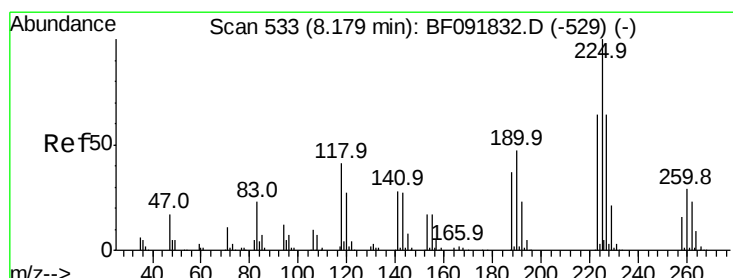
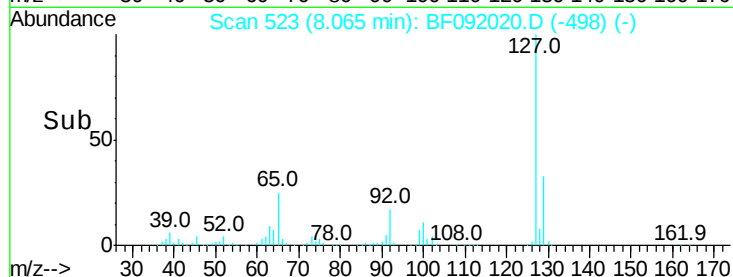
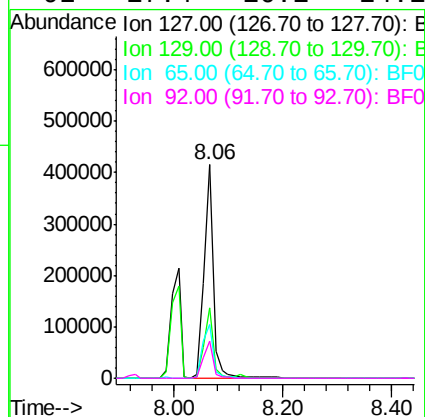
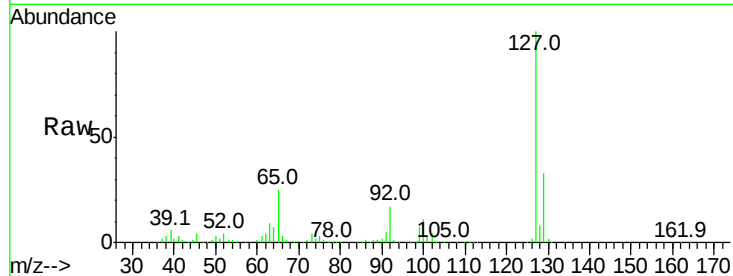
ClientSampleId :

MW-01MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	25.4	25.8	38.8
92	17.4	16.1	24.1

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#34

Hexachlorobutadiene

Concen: 42.55 ng

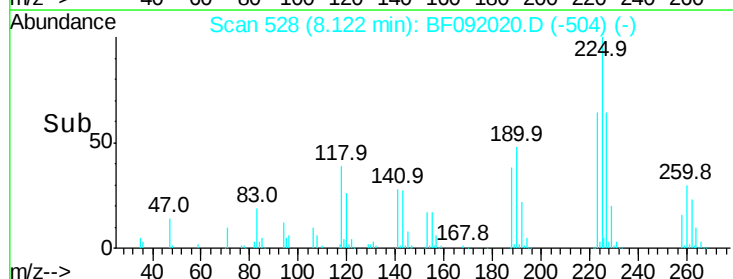
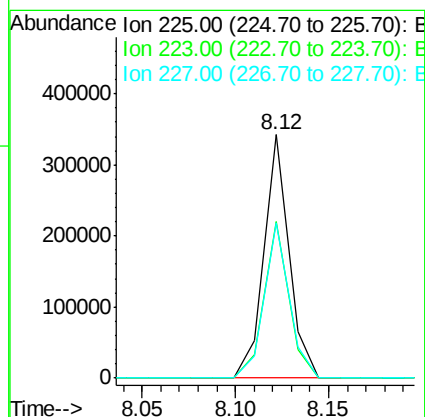
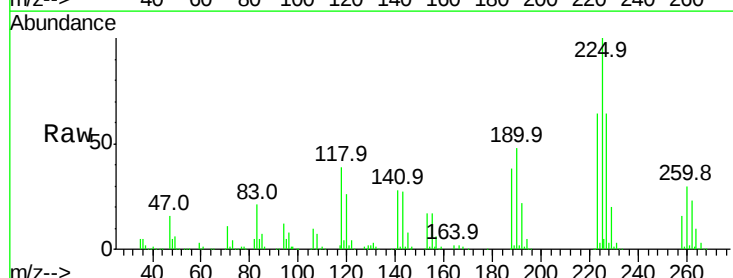
RT: 8.12 min Scan# 528

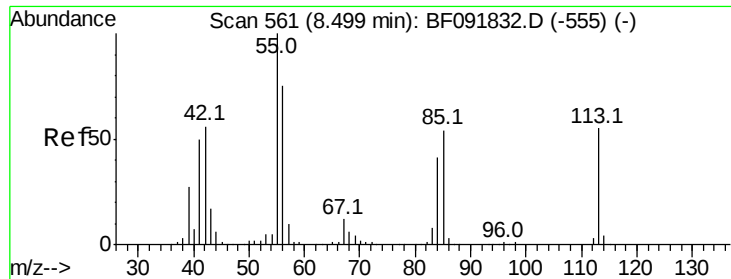
Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.9	50.6	76.0





#35

Caprolactam

Concen: 6.73 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleID :

MW-01MS

Tot Ion:113 Resp: 28387

Ion Ratio Lower Upper

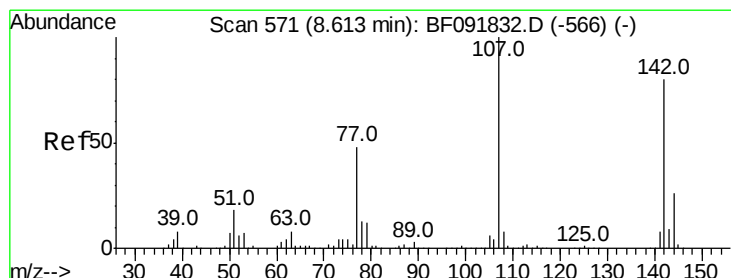
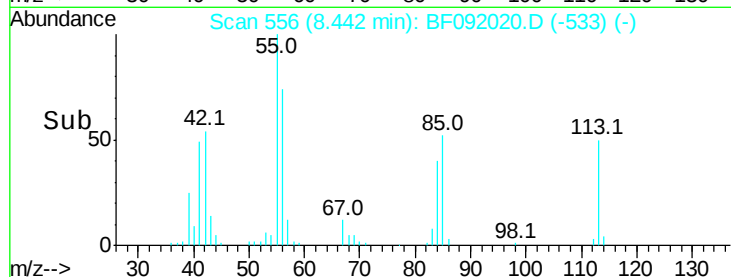
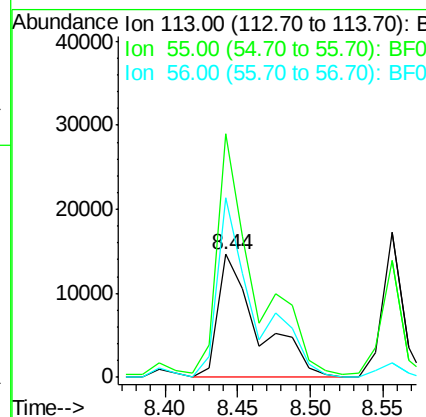
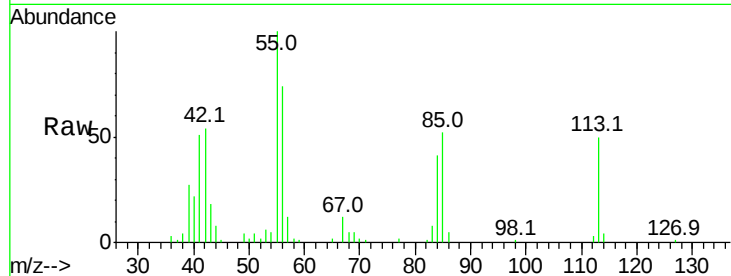
113 100

55 198.1 119.2 159.2#

56 146.5 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.91 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

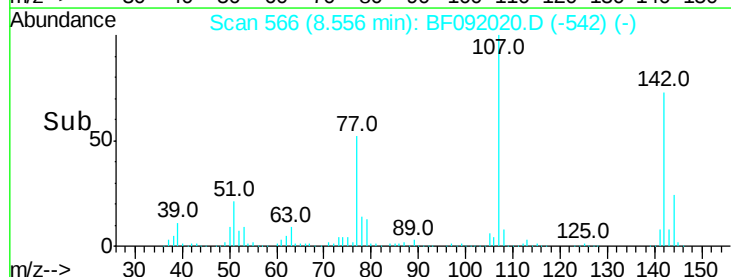
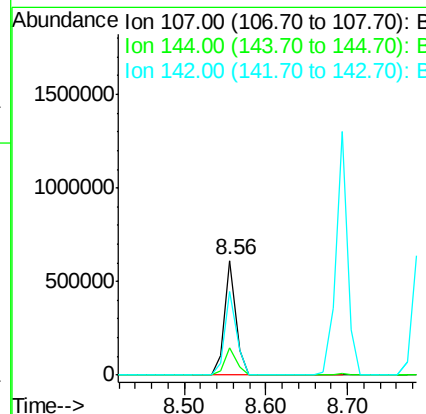
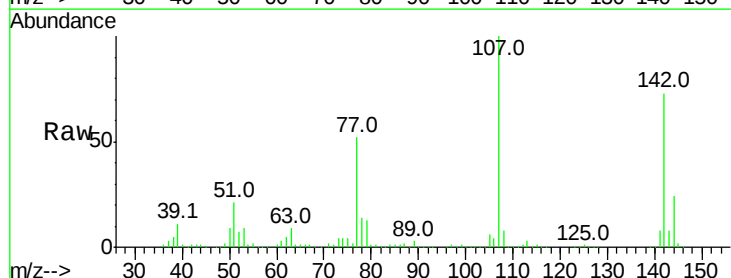
Tgt Ion:107 Resp: 589709

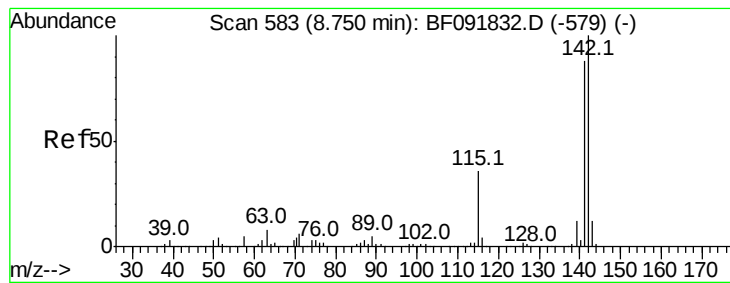
Ion Ratio Lower Upper

107 100

144 23.6 19.3 28.9

142 73.4 59.0 88.6





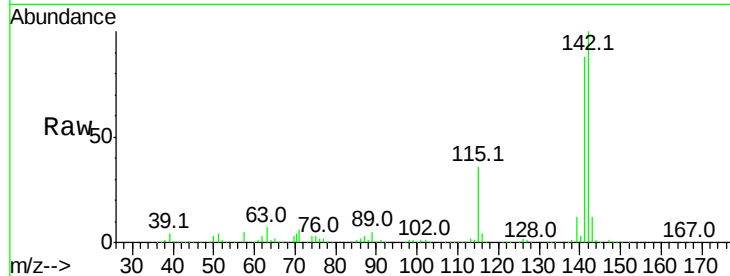
#37
2-Methylnaphthalene
Concen: 51.83 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	35.8	28.3	42.5

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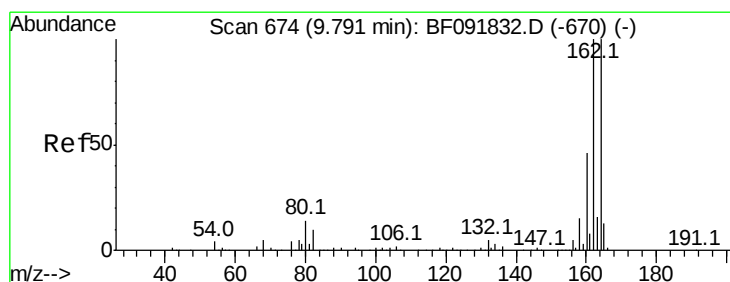
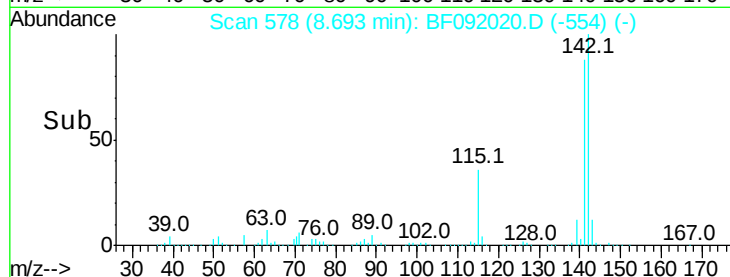
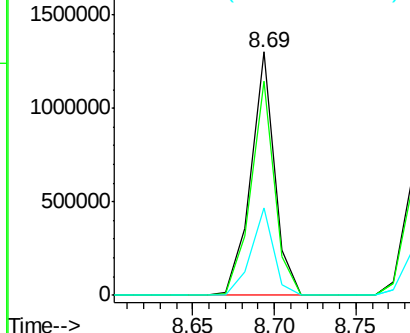


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

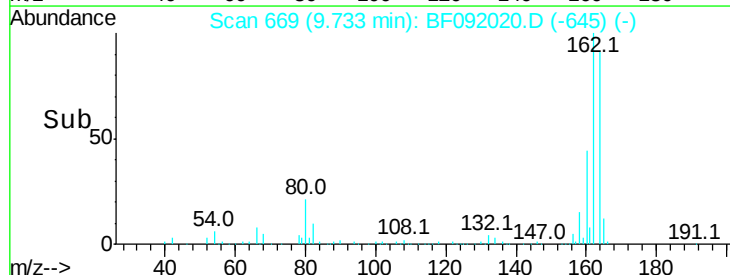
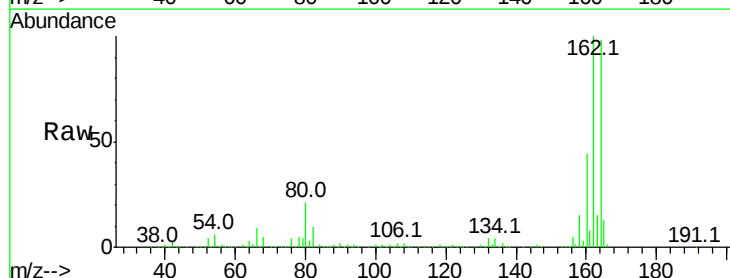
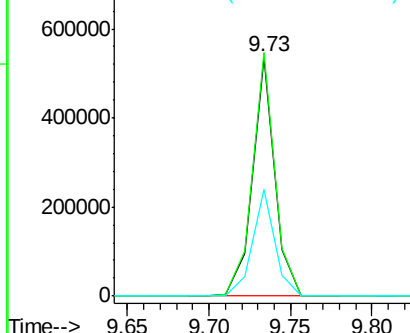
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	44.7	36.9	55.3

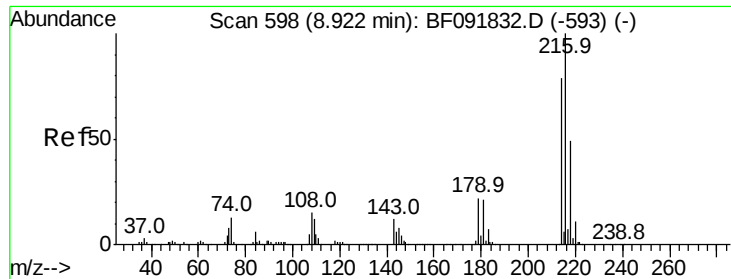
Abundance

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: 48.61 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

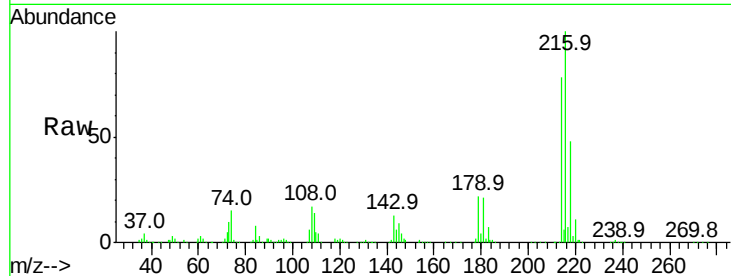
ClientSampleId :

MW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	626444		
214	78.7	63.4	95.0	
179	23.0	17.4	26.2	
108	22.2	15.6	23.4	

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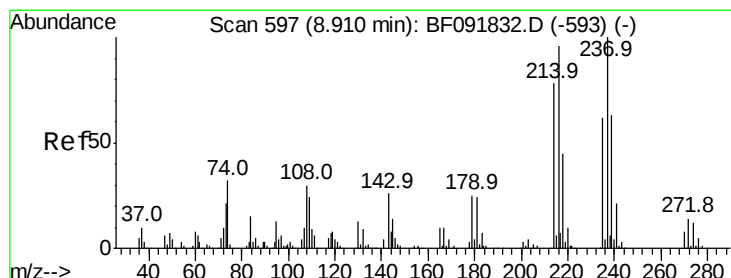
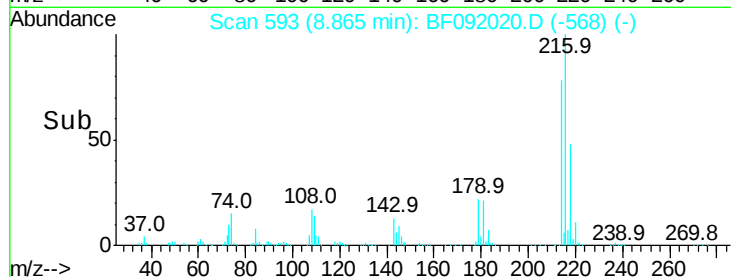
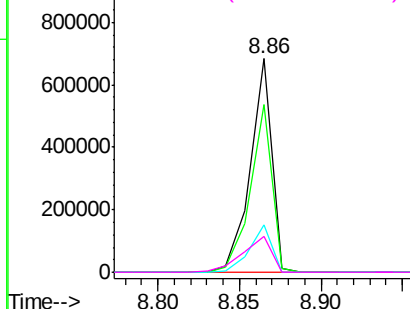


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.25 ng

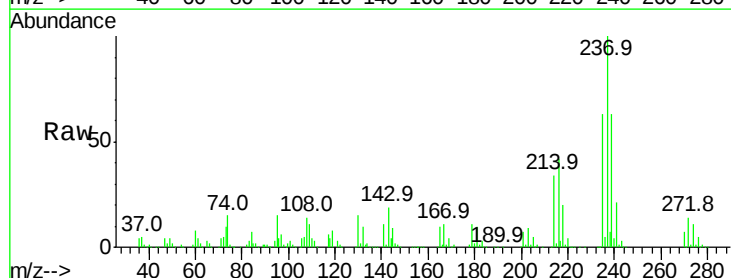
RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

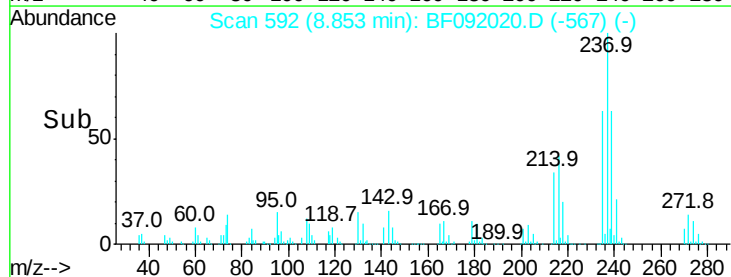
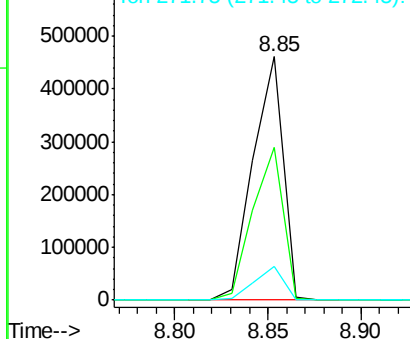
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	515022		
235	62.6	41.2	81.2	
272	13.7	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





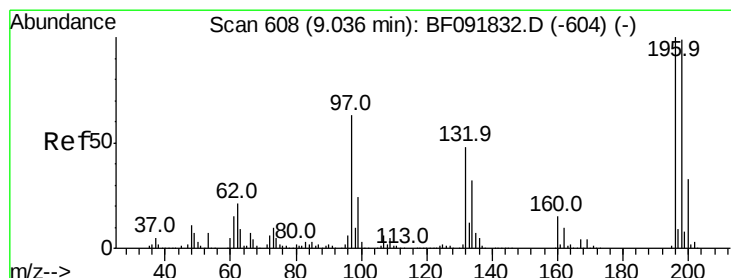
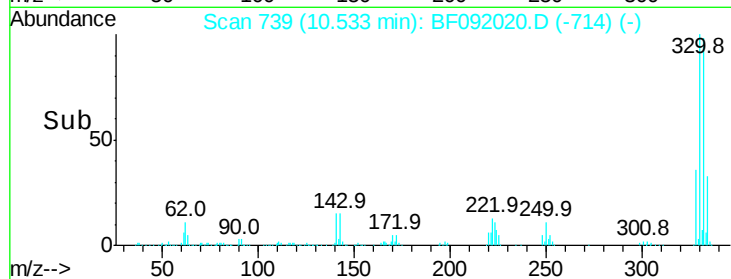
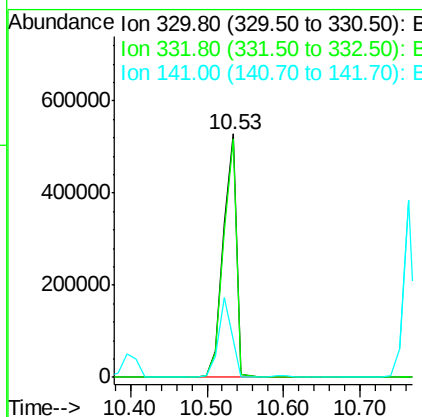
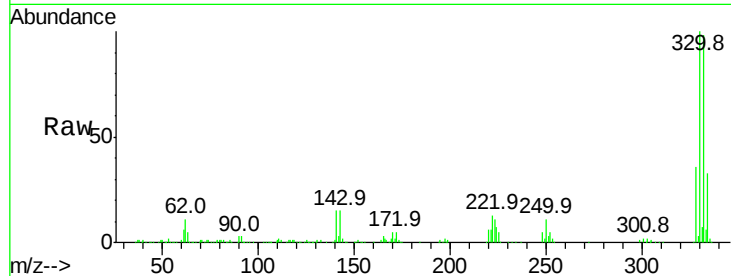
#41
 2,4,6-Tribromophenol
 Concen: 152.76 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	644825		
332	97.1		77.4	116.2
141	32.4		34.1	51.1#

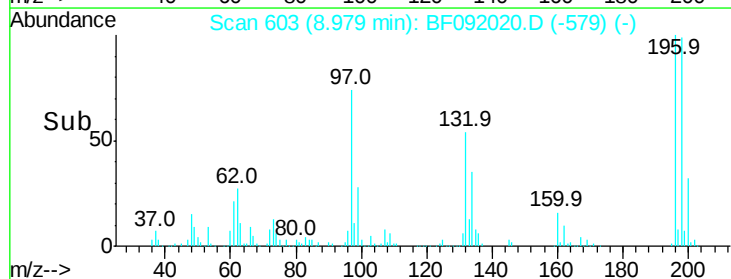
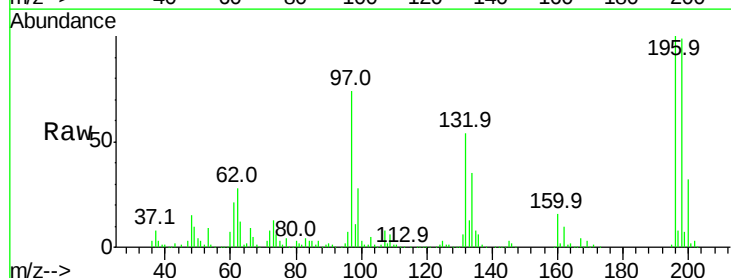
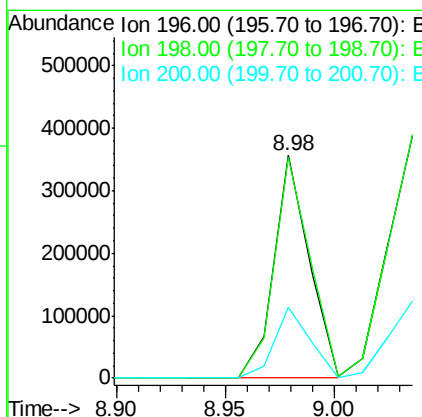
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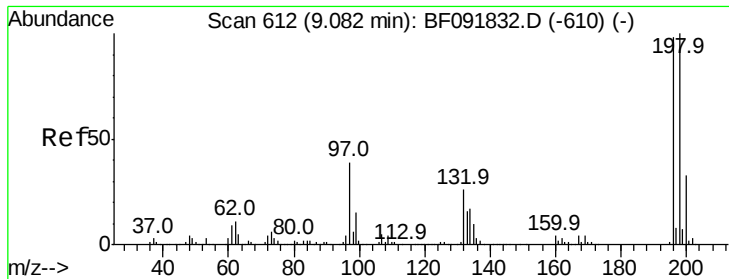
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 45.09 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406357		
198	98.9		82.1	123.1
200	31.7		27.0	40.4





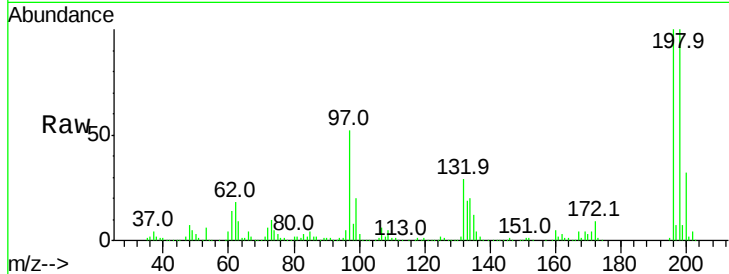
#43
 2,4,5-Trichlorophenol
 Concen: 49.30 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleID :
 MW-01MS

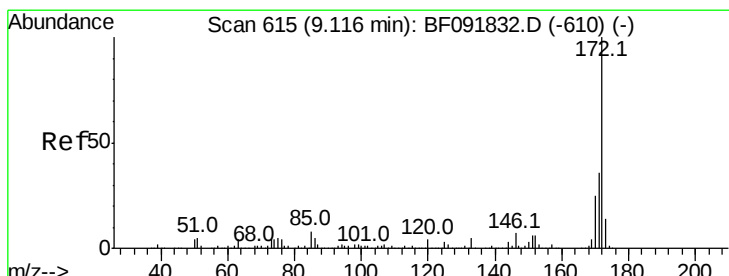
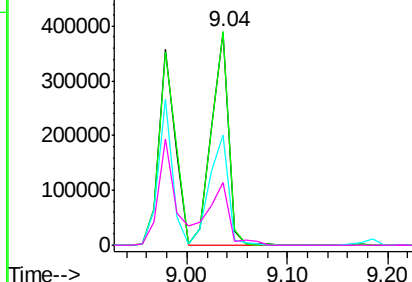
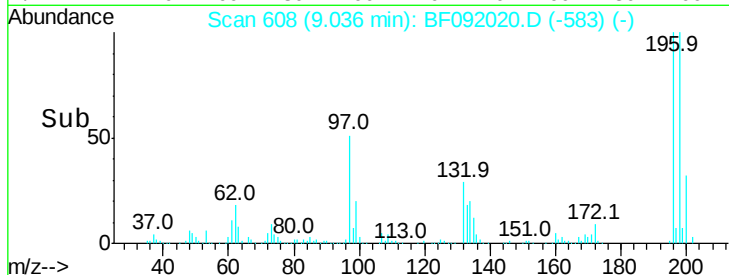
Tot Ion	196	Resp	457263
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.4	119.2
97	51.8	51.5	77.3
132	29.5	27.4	41.2

Manual Integrations
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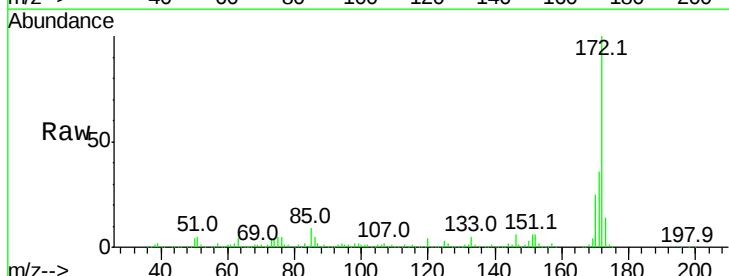


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

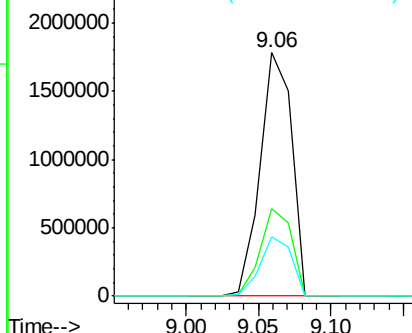
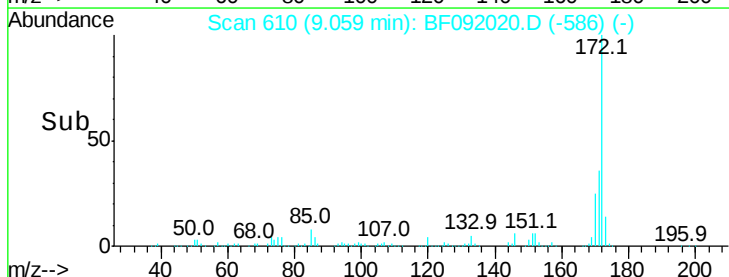


#44
 2-Fluorobiphenyl
 Concen: 112.19 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion	172	Resp	2690139
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.5	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.73 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:154 Resp: 1701877

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

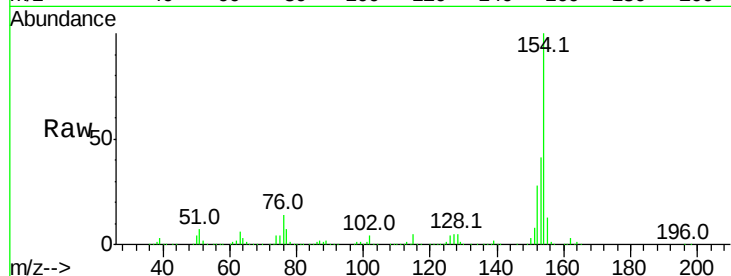
76 13.5 0.0 30.5

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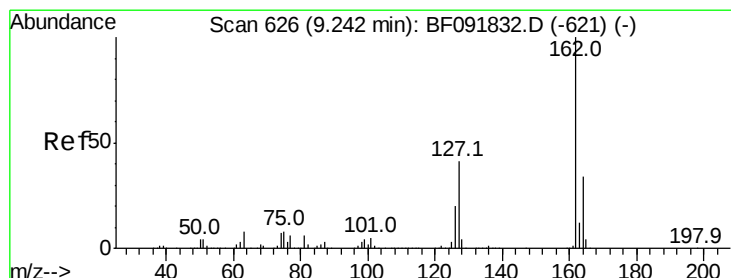
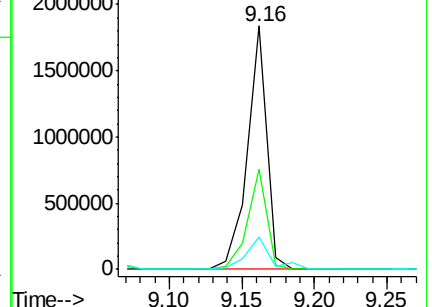
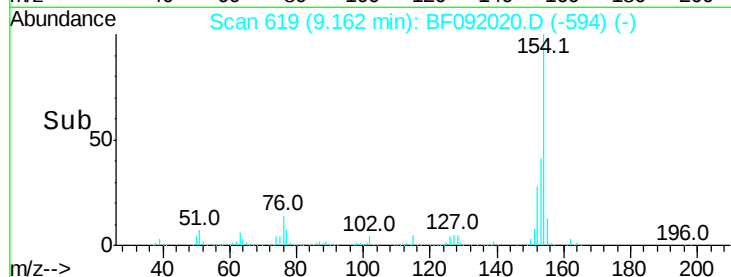
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.67 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

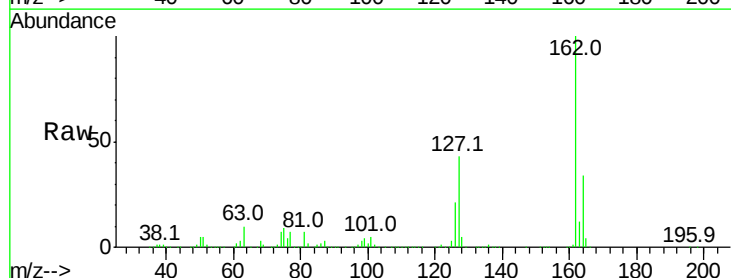
Tgt Ion:162 Resp: 1318346

Ion Ratio Lower Upper

162 100

127 42.6 30.7 46.1

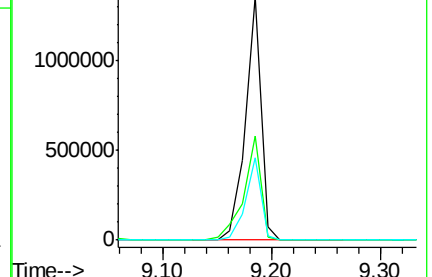
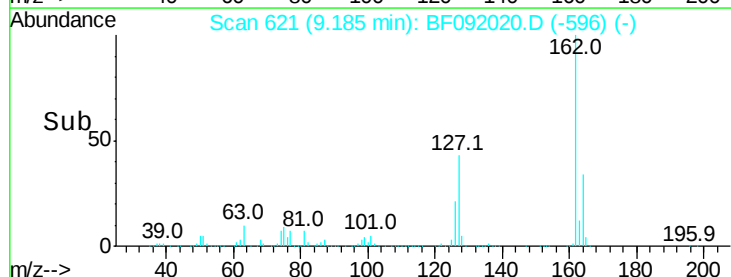
164 34.0 27.6 41.4

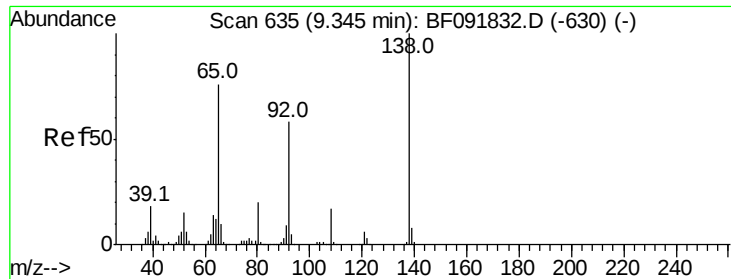


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





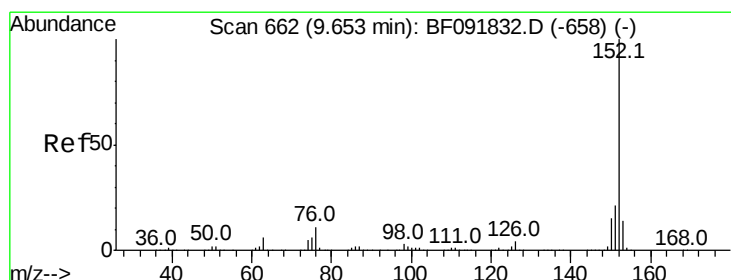
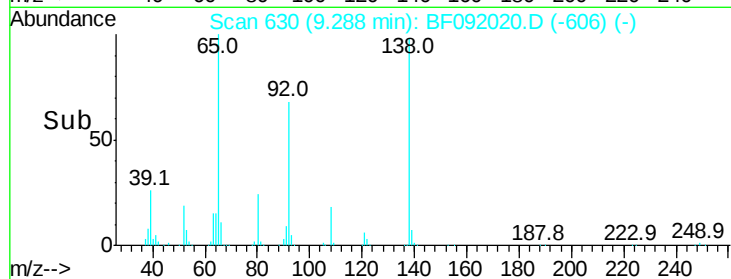
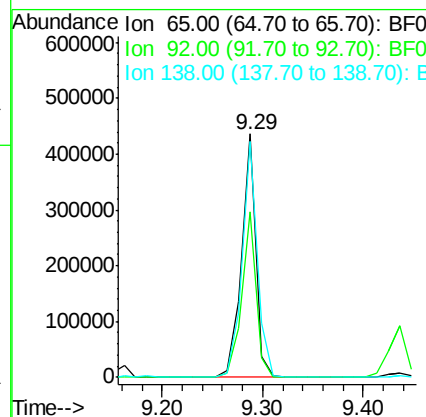
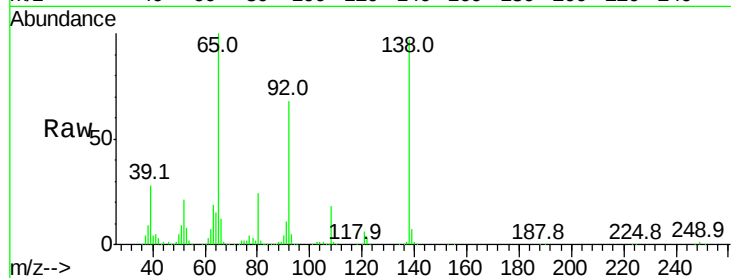
#47
2-Nitroaniline
Concen: 43.84 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	97.0	76.8	115.2

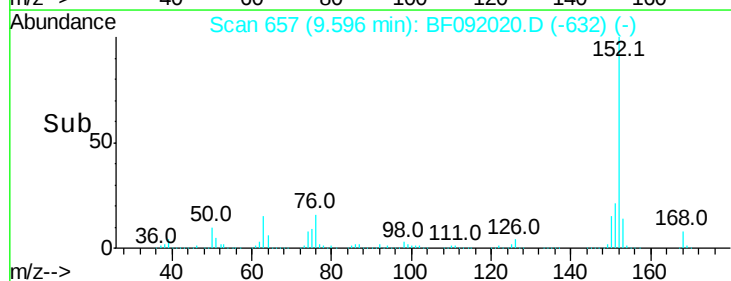
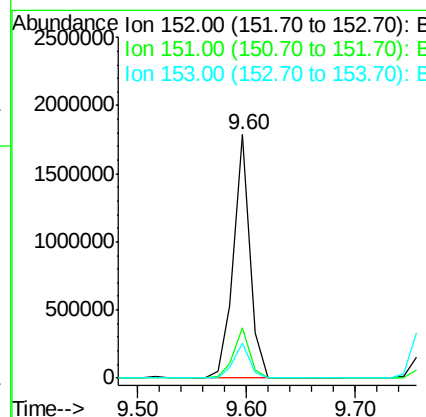
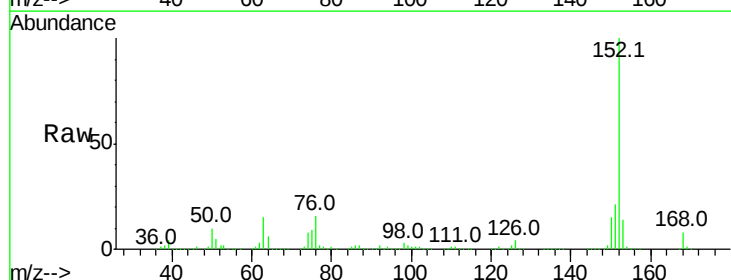
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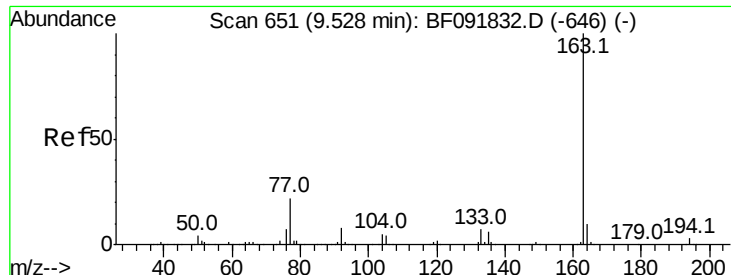
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#48
Acenaphthylene
Concen: 43.62 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	14.4	11.4	17.2





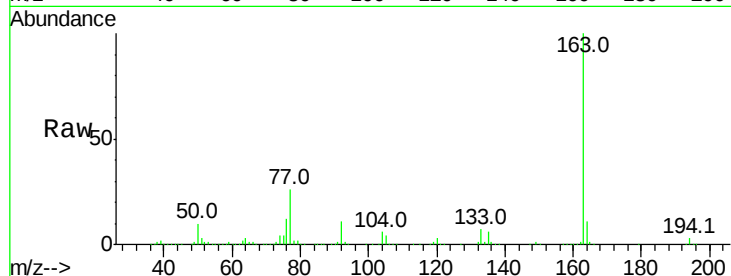
#49
Dimethylphthalate
Concen: 53.40 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

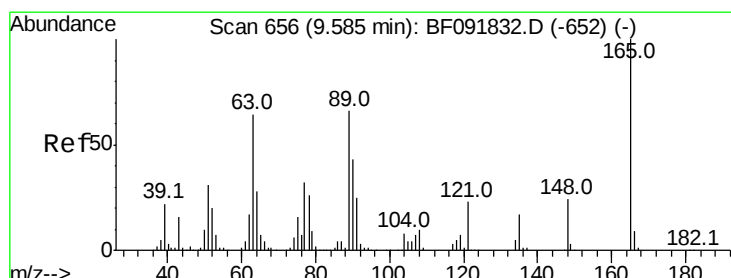
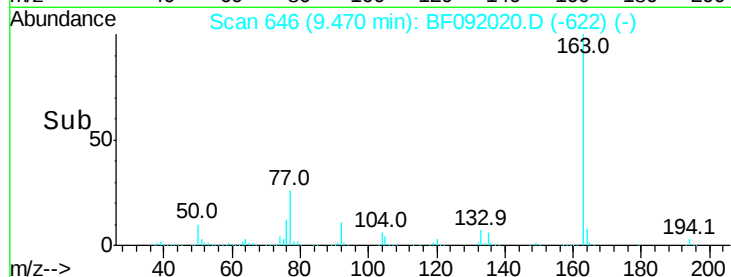
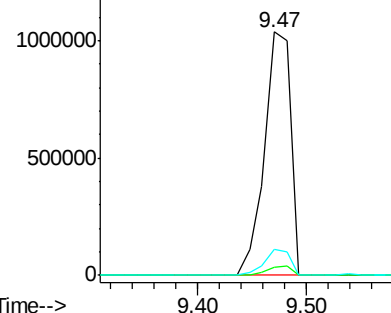
Tot Ion:163 Resp: 1742110
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.7 8.0 12.0

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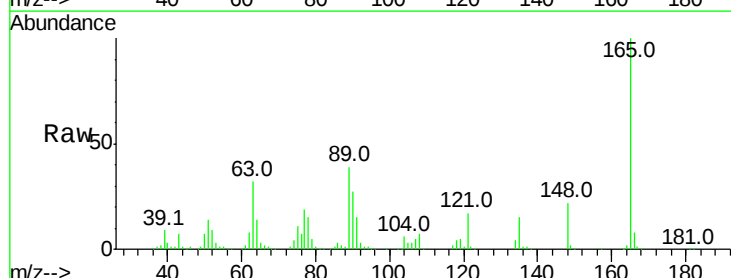


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

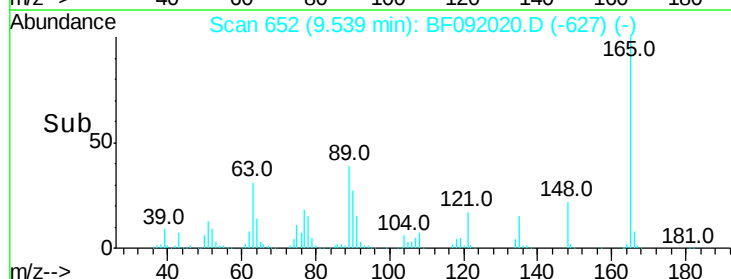
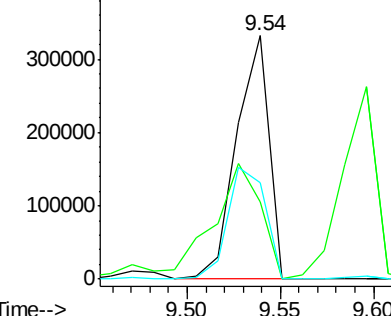


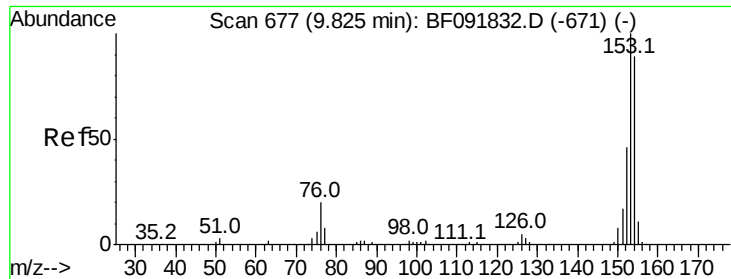
#50
2,6-Dinitrotoluene
Concen: 55.65 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion:165 Resp: 397361
Ion Ratio Lower Upper
165 100
63 31.6 36.2 54.4#
89 39.5 40.2 60.4#



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





#51

Acenaphthene

Concen: 41.40 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:154 Resp: 1193999

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

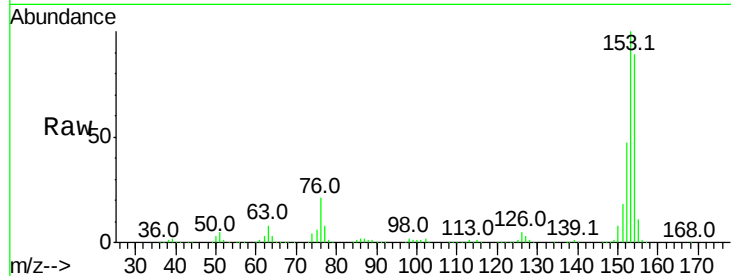
152 52.5 41.6 62.4

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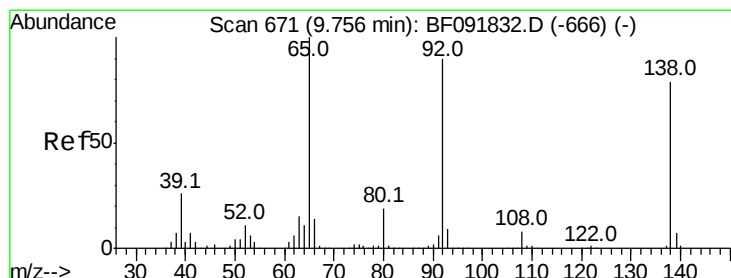
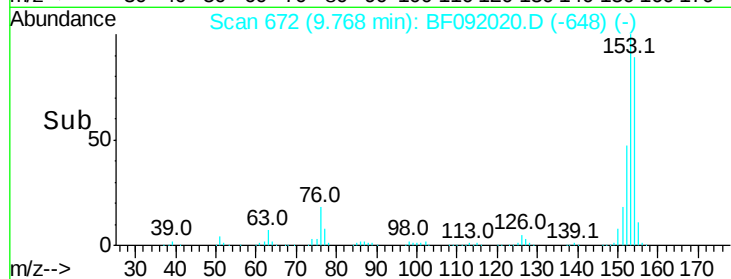
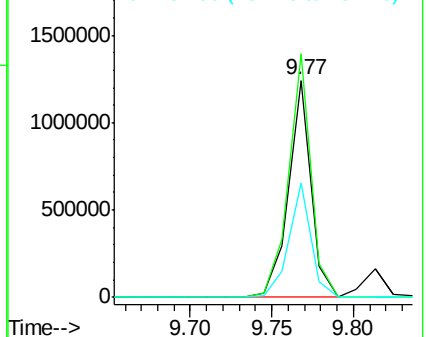
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.56 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

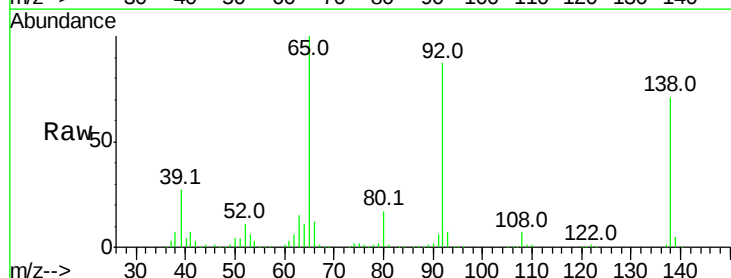
Tgt Ion:138 Resp: 225898

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

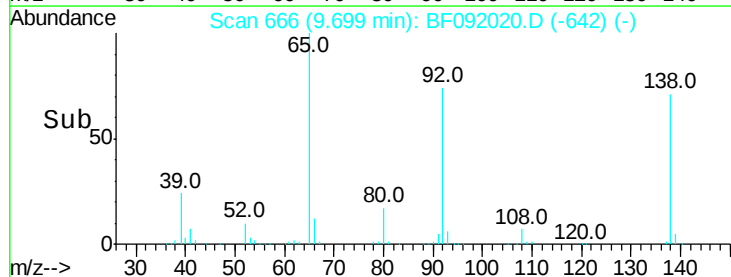
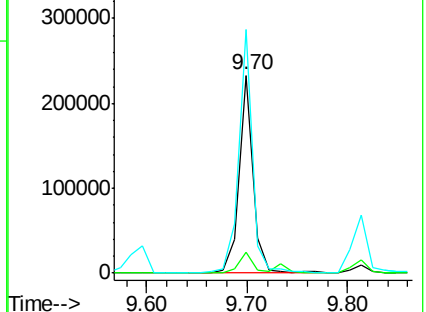
92 123.3 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





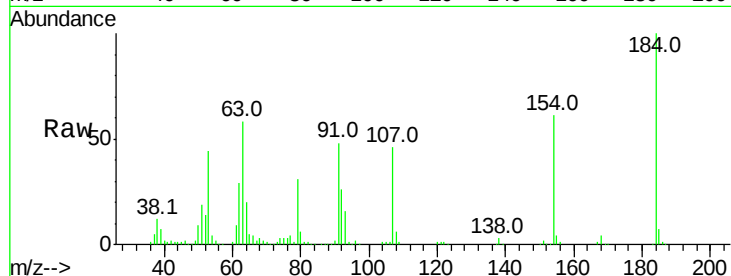
#53
2,4-Dinitrophenol
Concen: 73.72 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

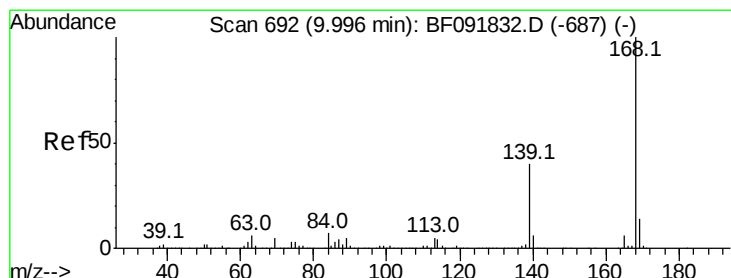
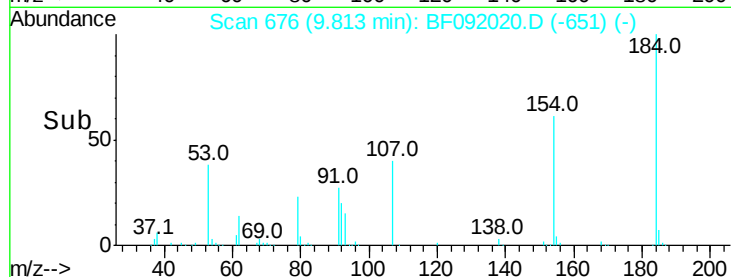
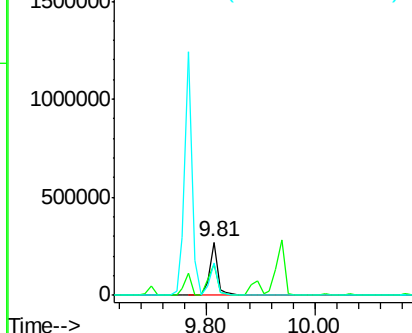
Tot Ion	Ratio	Resp	Lower	Upper
184	100	292889		
63	58.3	28.4	42.6	#
154	61.3	44.3	66.5	

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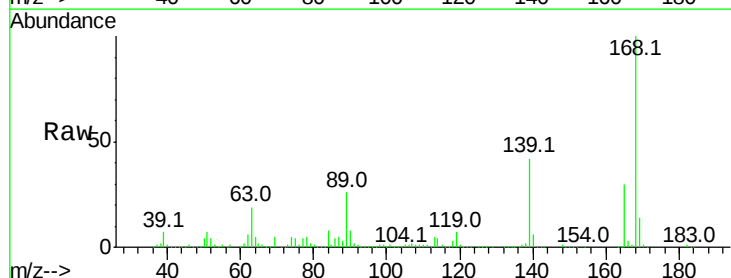


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

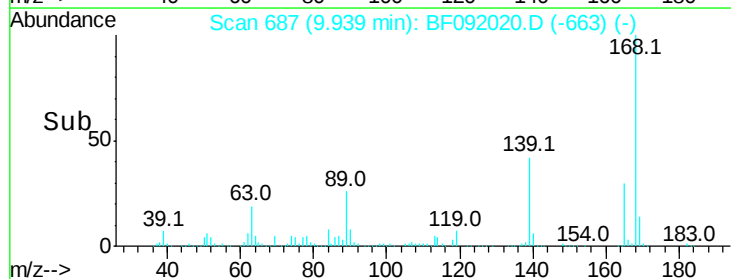
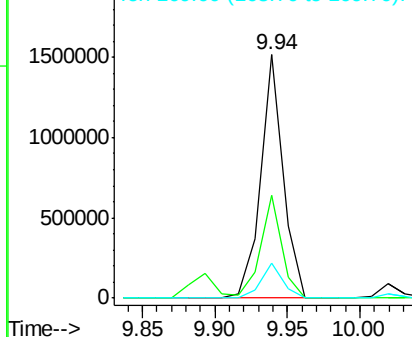


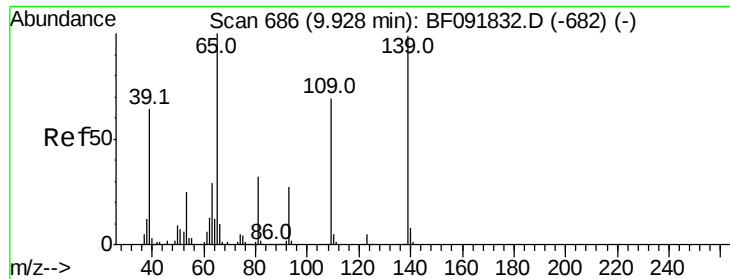
#54
Dibenzofuran
Concen: 41.60 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1620123		
139	42.1	32.6	49.0	
169	14.1	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 32.90 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

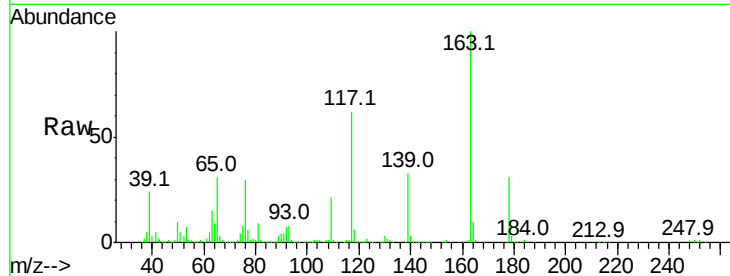
ClientSampleId :

MW-01MS

Tot Ion:	139	Resp:	197395
Ion Ratio	Lower	Upper	
139	100		
109	63.4	52.2	92.2
65	93.2	85.8	125.8

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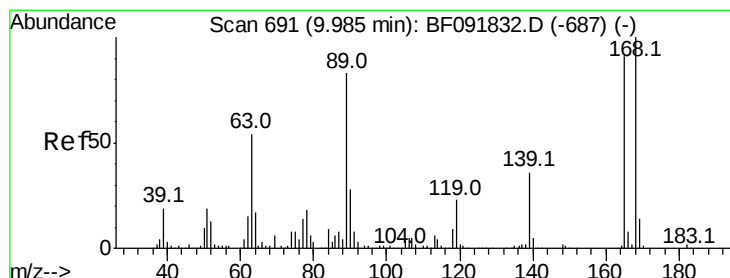
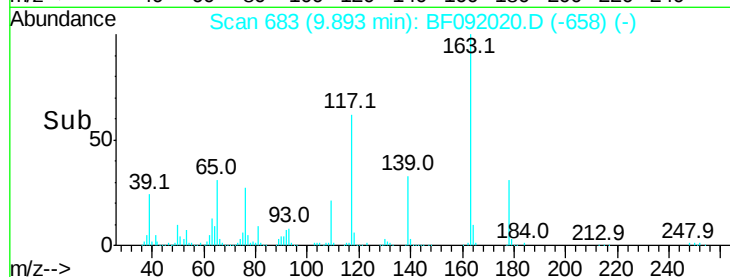
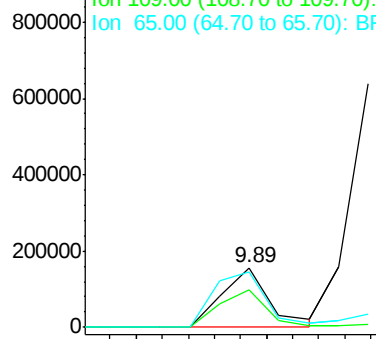
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 52.10 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

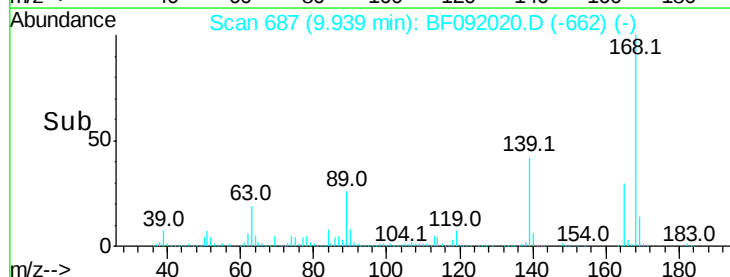
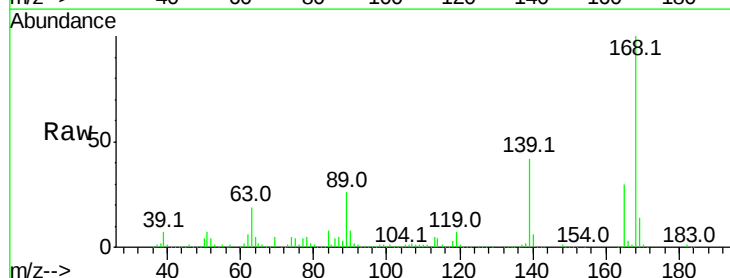
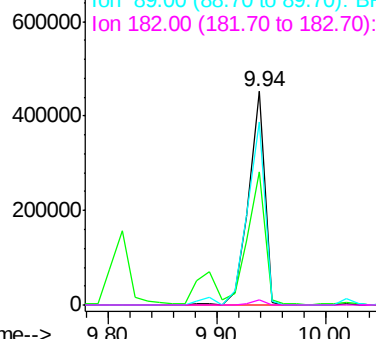
Tgt Ion:	165	Resp:	466904
Ion Ratio	Lower	Upper	
165	100		
63	62.5	40.2	60.4#
89	86.0	62.5	93.7
182	2.2	1.8	2.8

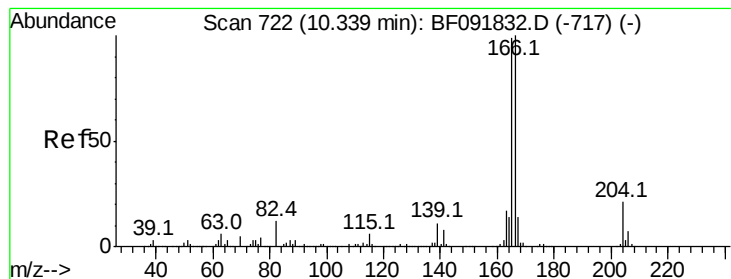
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.93 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:166 Resp: 1272957

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

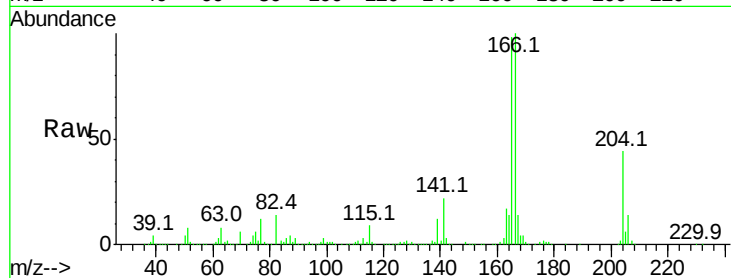
167 13.9 10.8 16.2

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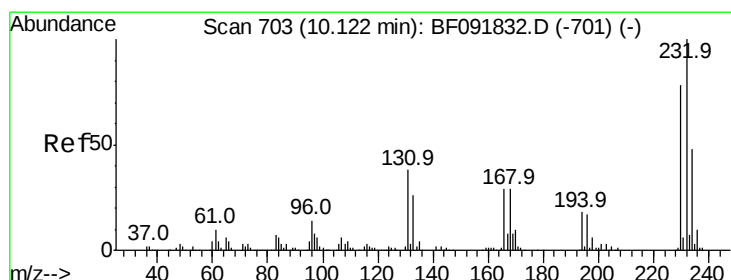
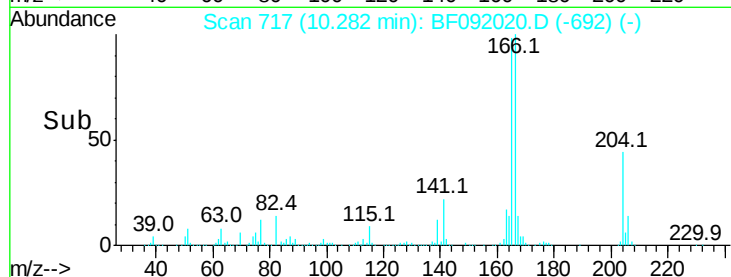
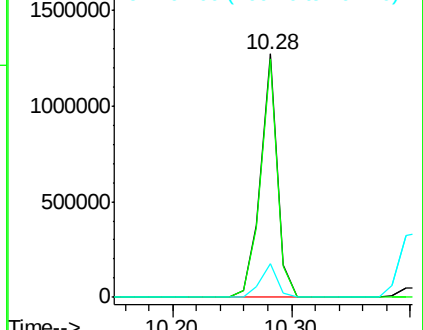
12/30/2016 8:41:44 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.32 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:232 Resp: 354475

Ion Ratio Lower Upper

232 100

131 51.4 40.1 60.1

130 2.6 1.8 2.8

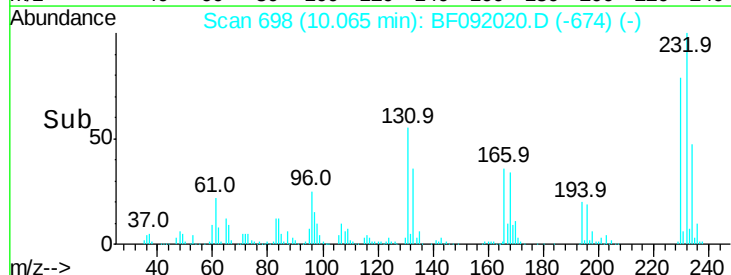
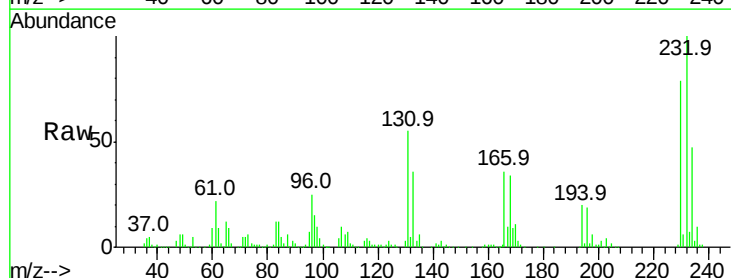
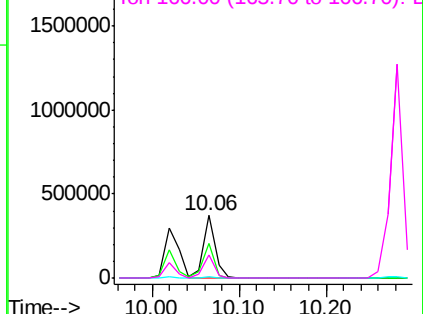
166 33.6 26.6 39.8

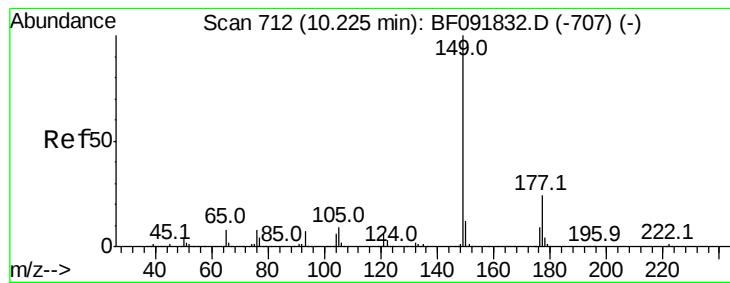
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.22 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:149 Resp: 1527683

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

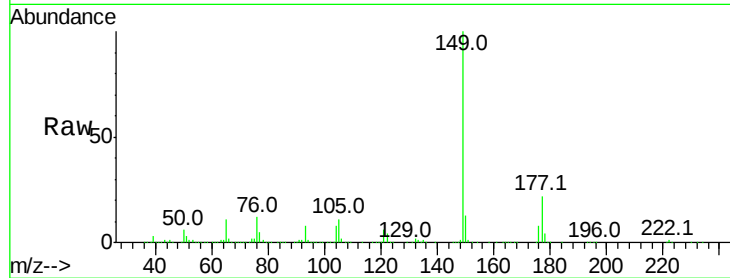
150 13.1 10.4 15.6

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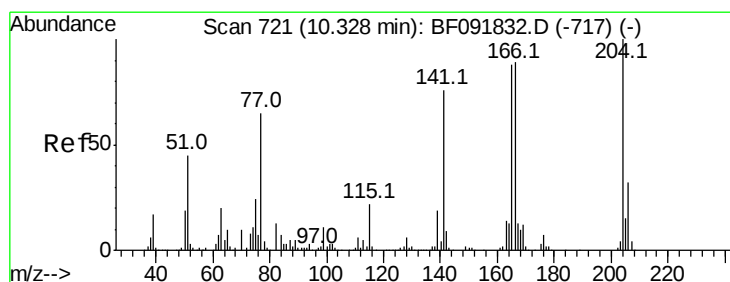
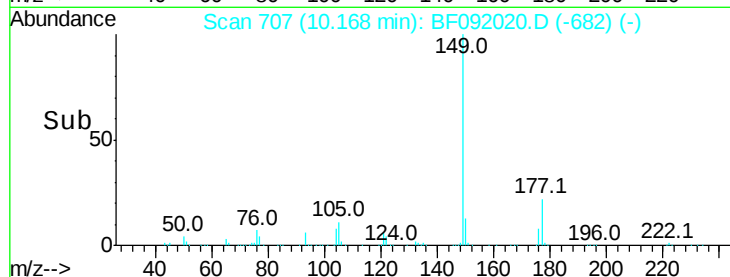
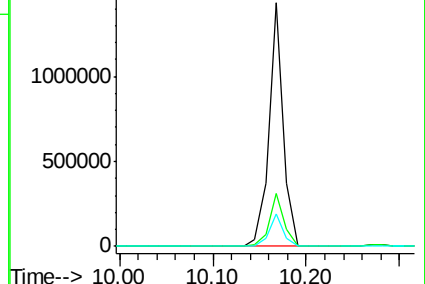
12/30/2016 8:41:44 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.52 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

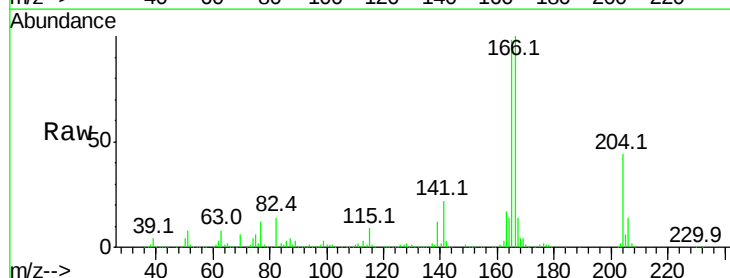
Tgt Ion:204 Resp: 651533

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

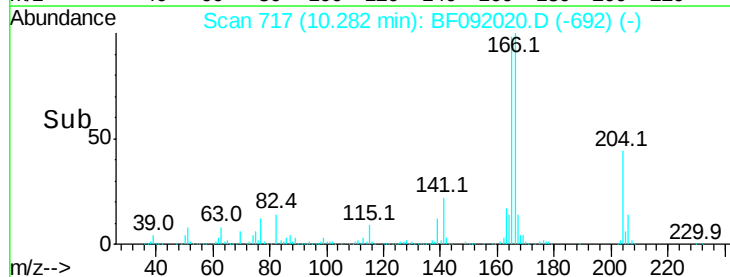
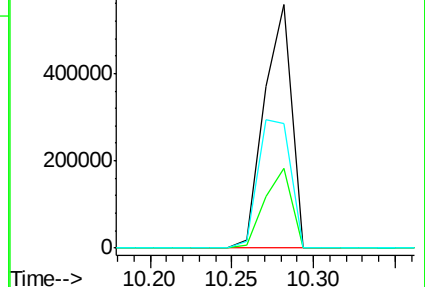
141 50.9 59.4 89.0#

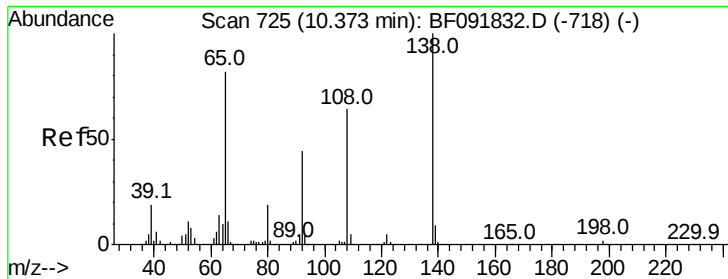


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





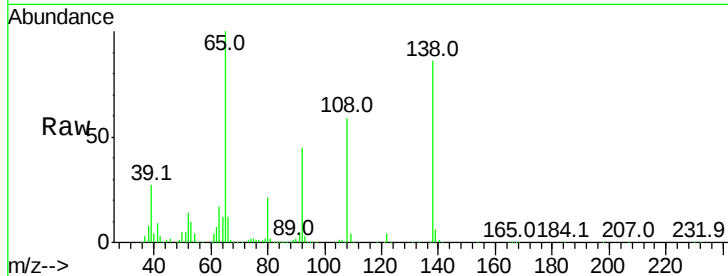
#61
4-Nitroaniline
Concen: 38.31 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

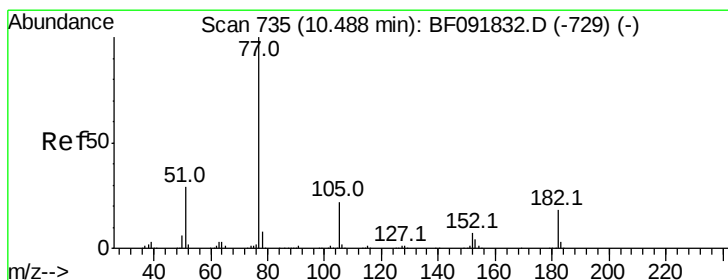
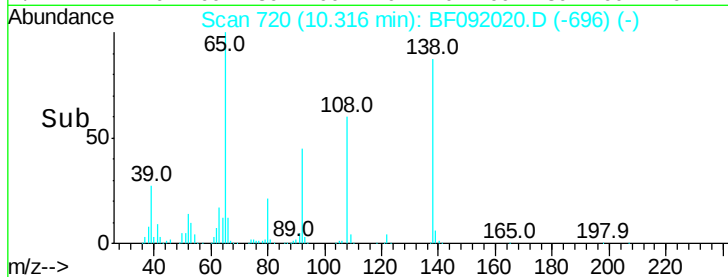
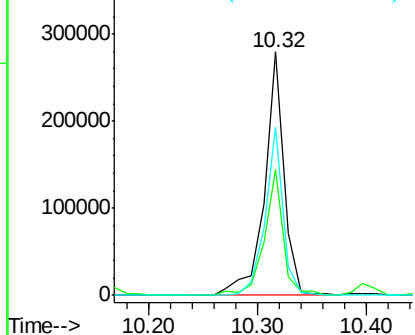
Tot Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.7	71.7
108	68.9	52.6	92.6

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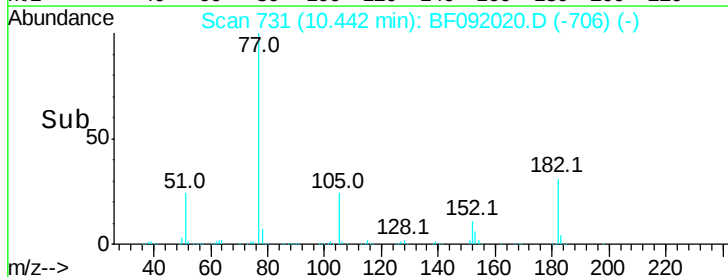
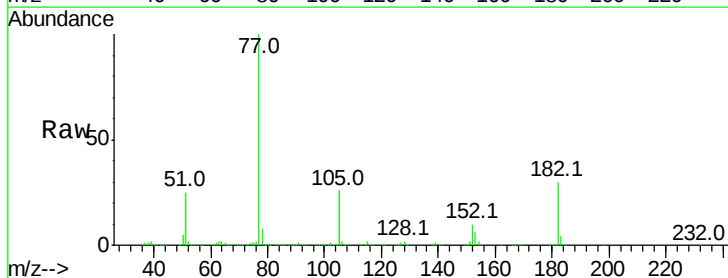
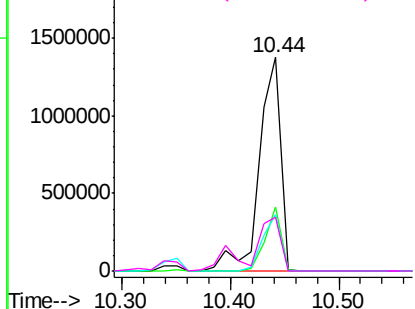
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

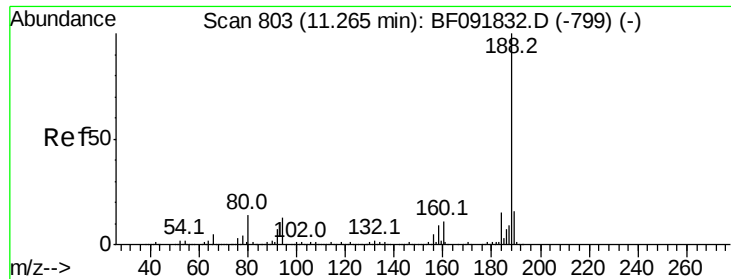


#62
Azobenzene
Concen: 54.90 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	0.0	39.3
105	26.2	2.3	42.3
51	25.0	8.9	48.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:188 Resp: 1062793

Ion Ratio Lower Upper

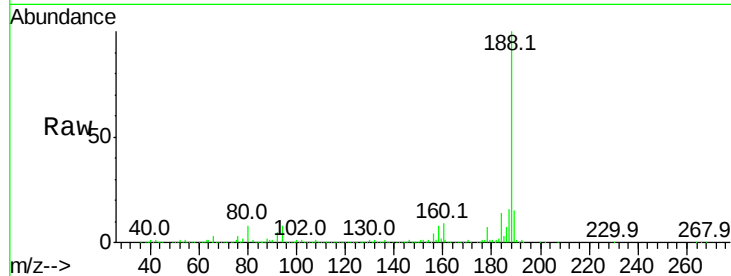
188 100

94 8.1 10.0 15.0#

80 8.4 11.2 16.8#

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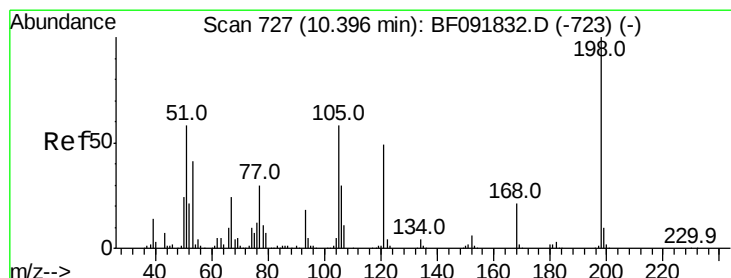
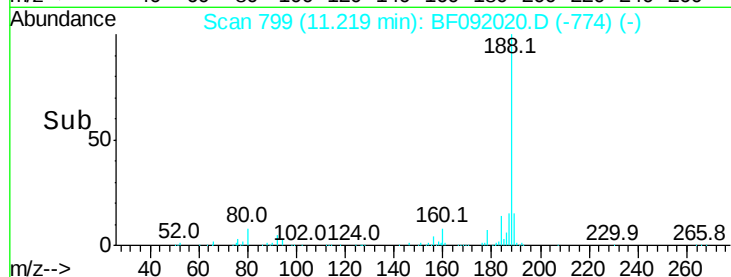
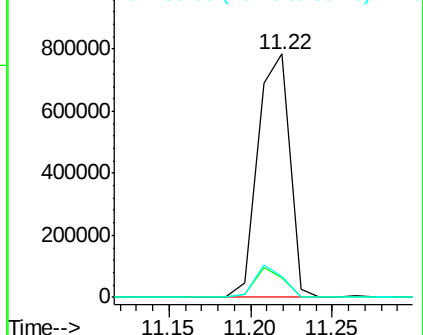
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 35.79 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

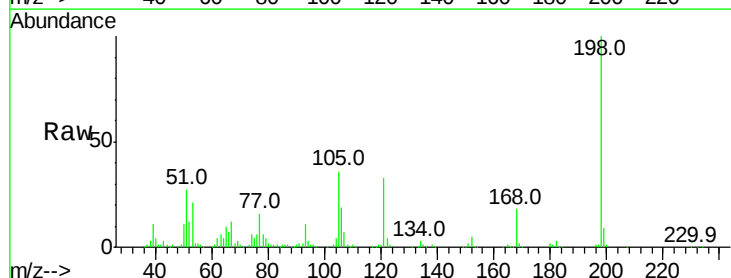
Tgt Ion:198 Resp: 230029

Ion Ratio Lower Upper

198 100

51 26.8 6.7 46.7

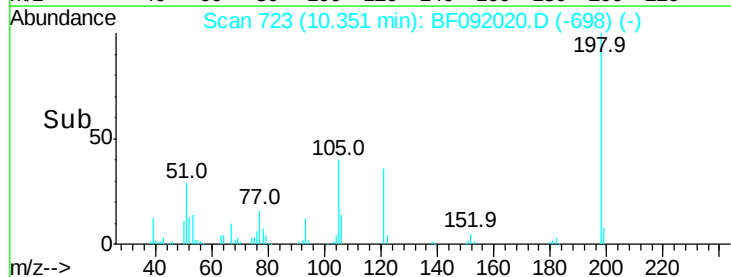
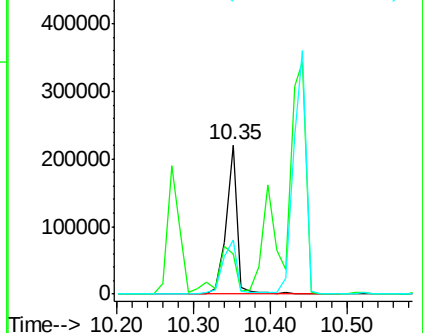
105 36.3 16.6 56.6

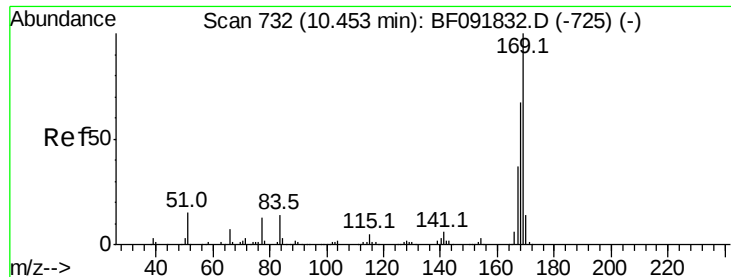


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.29 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:169 Resp: 1333811

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

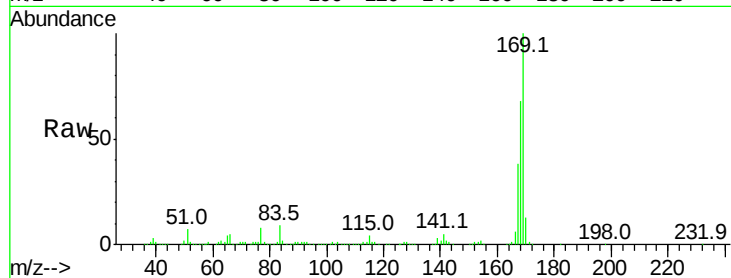
167 38.1 30.2 45.4

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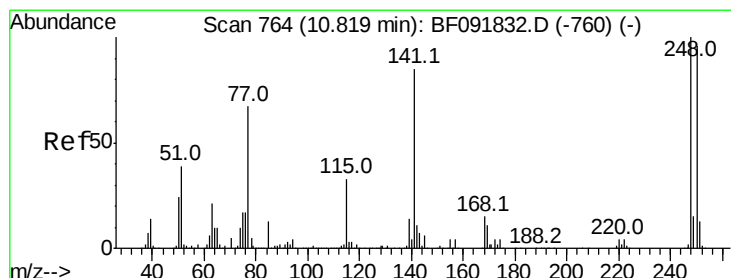
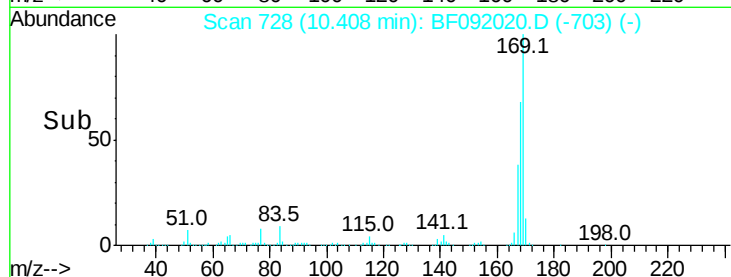
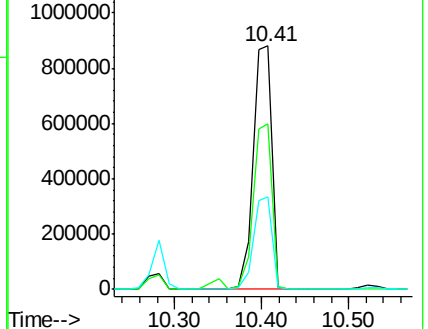
12/30/2016 8:41:44 AM



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: 37.78 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

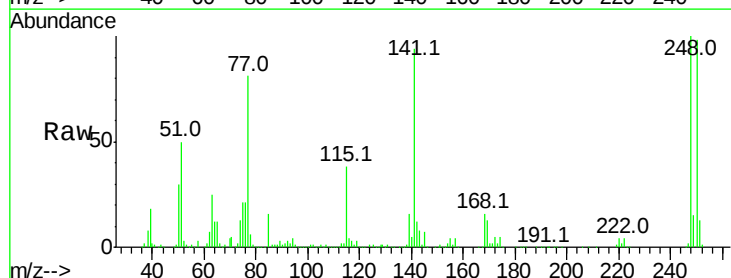
Tgt Ion:248 Resp: 417715

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

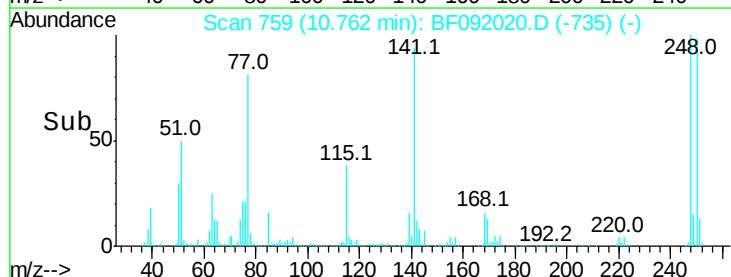
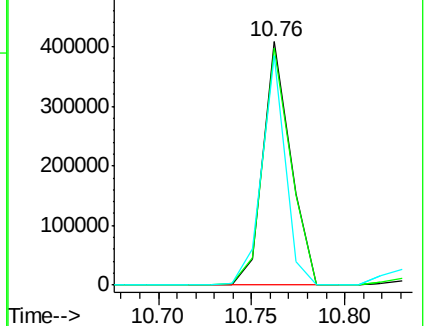
141 94.1 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





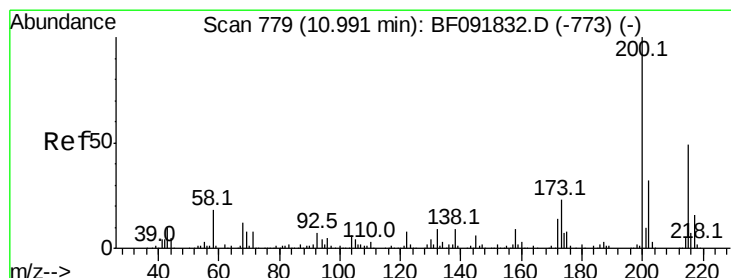
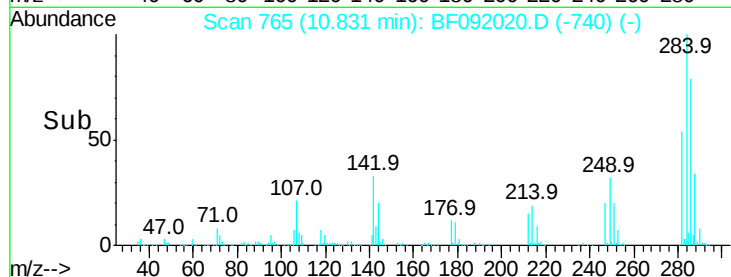
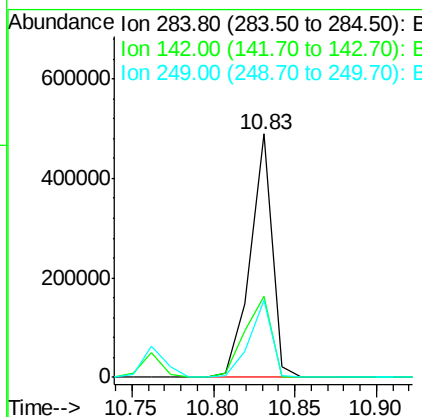
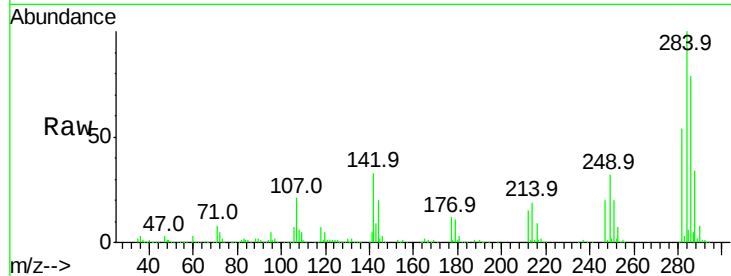
#67
Hexachlorobenzene
Concen: 38.71 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.3	22.6	33.8	
249	31.9	25.4	38.0	

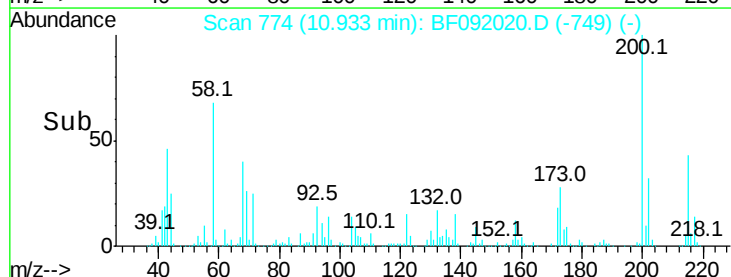
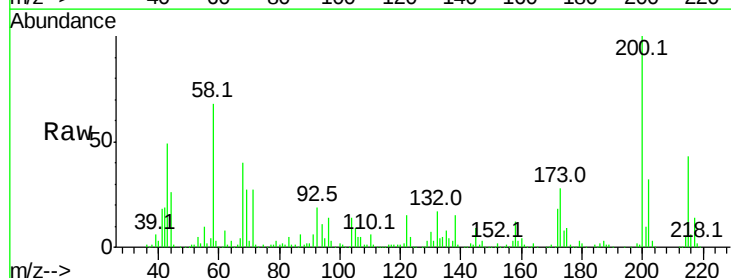
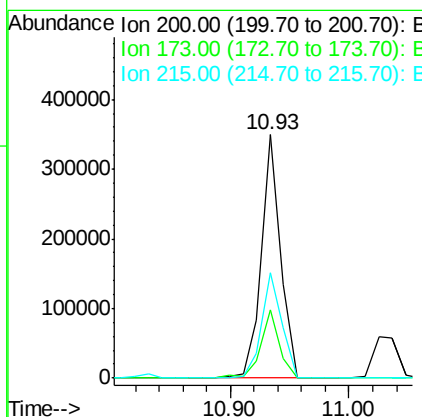
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#68
Atrazine
Concen: 38.89 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	9.6	49.6	
215	43.5	25.7	65.7	





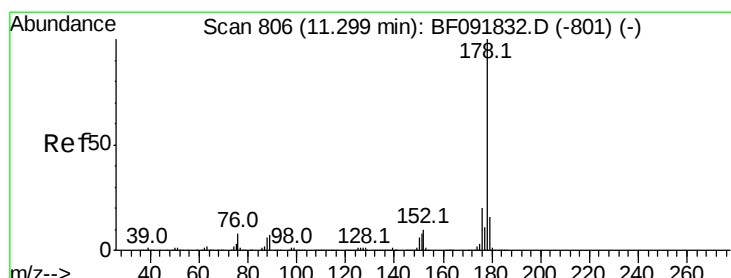
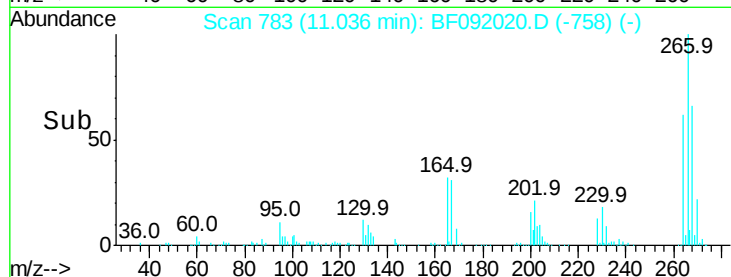
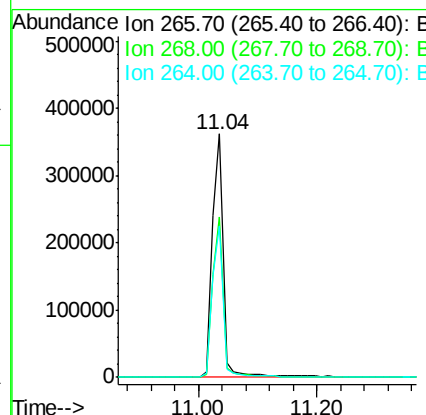
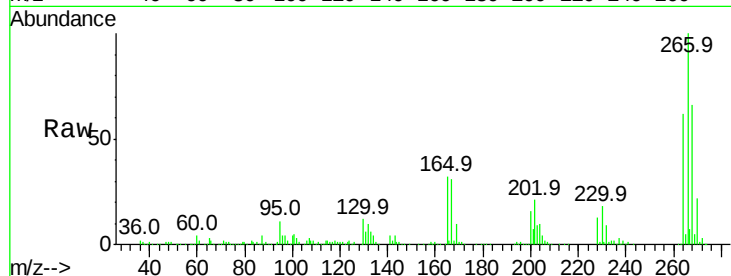
#69
 Pentachlorophenol
 Concen: 80.79 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleID :
 MW-01MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	53.3	79.9
264	62.1	50.3	75.5

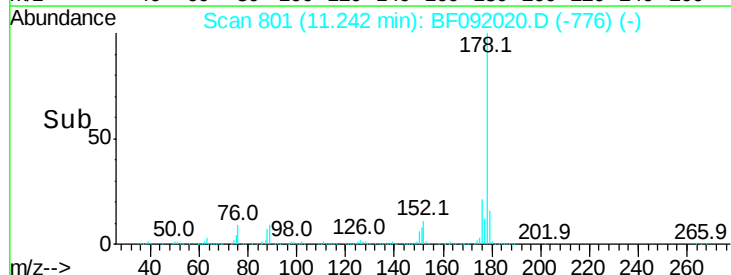
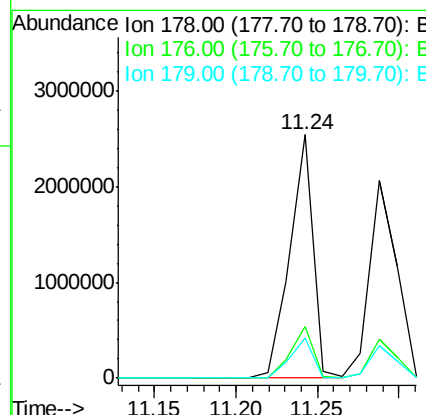
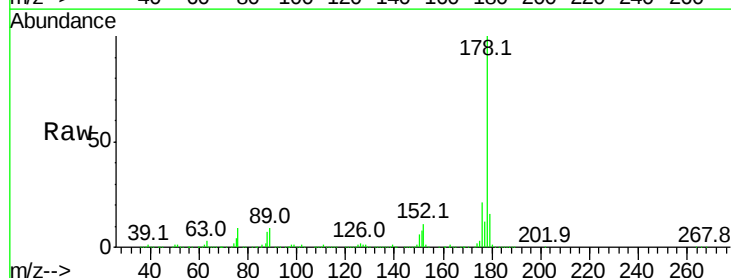
Manual Integrations
 APPROVED

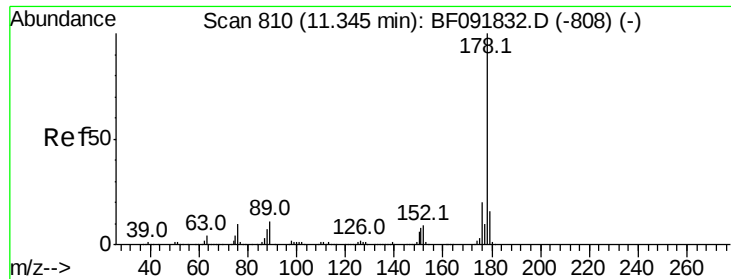
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#70
 Phenanthrene
 Concen: 43.91 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.3	12.8	19.2





#71
 Anthracene
 Concen: 48.67 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

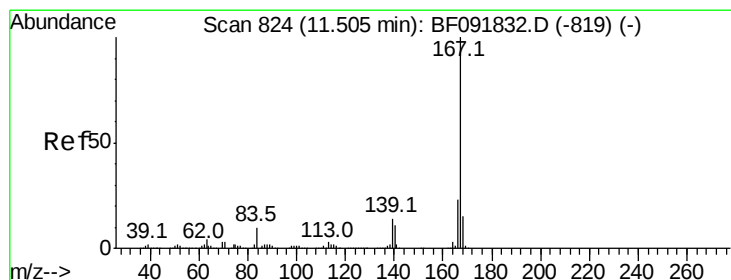
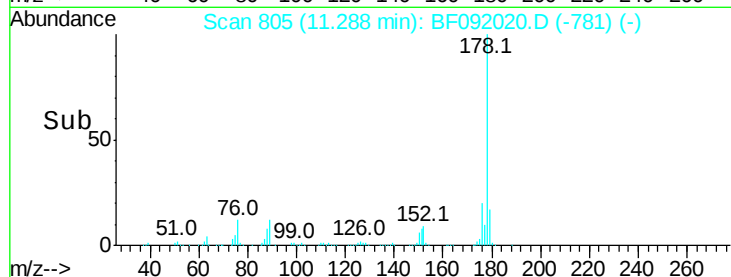
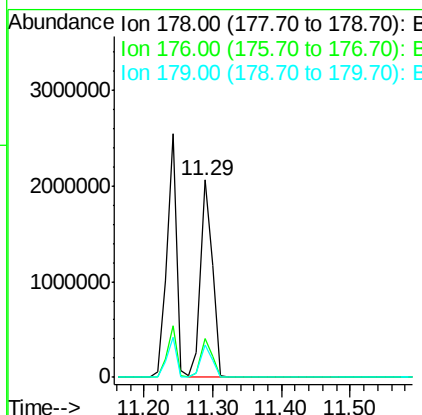
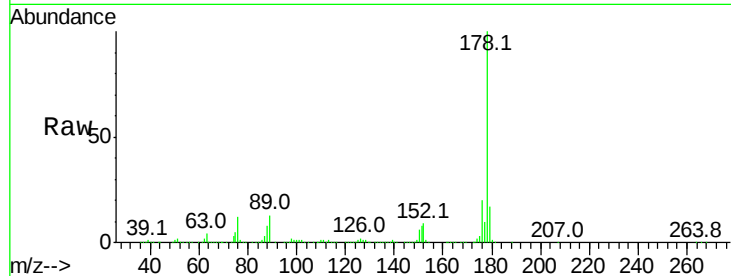
Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion:178 Resp: 2417699

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.6	13.2	19.8

Manual Integrations
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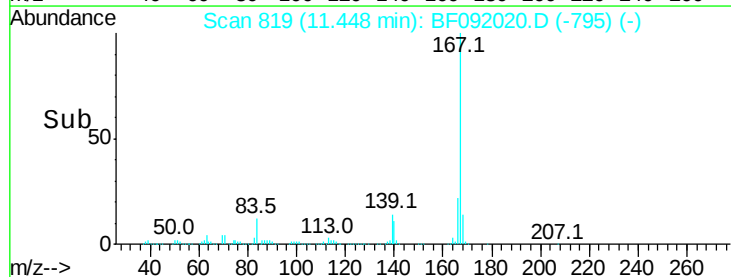
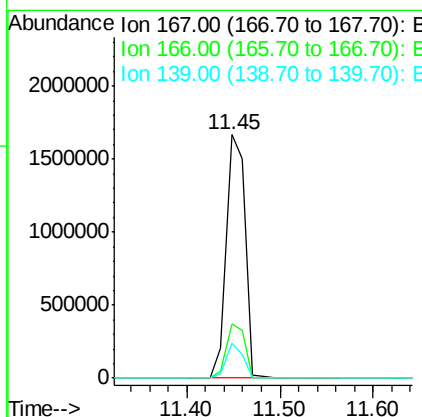
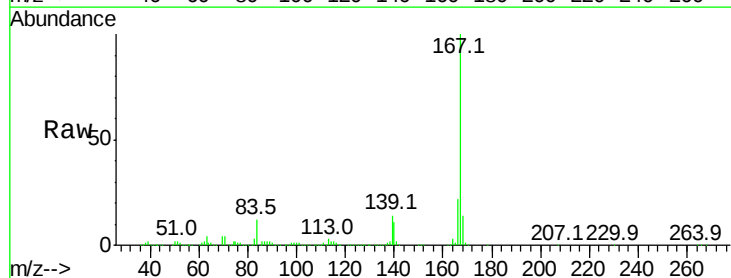
Sohil
 12/30/2016 8:41:44 AM

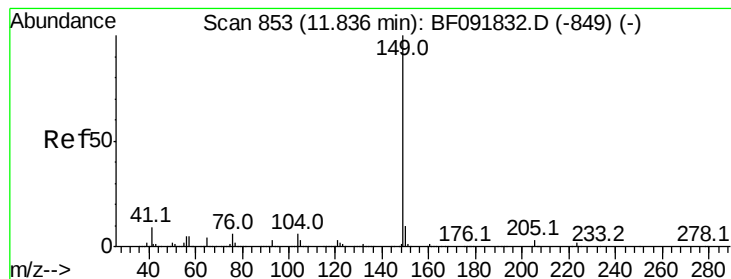


#72
 Carbazole
 Concen: 54.71 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion:167 Resp: 2346303

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	14.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 57.81 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:149 Resp: 3092978

Ion Ratio Lower Upper

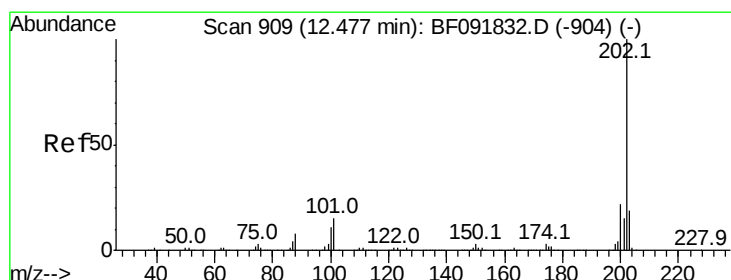
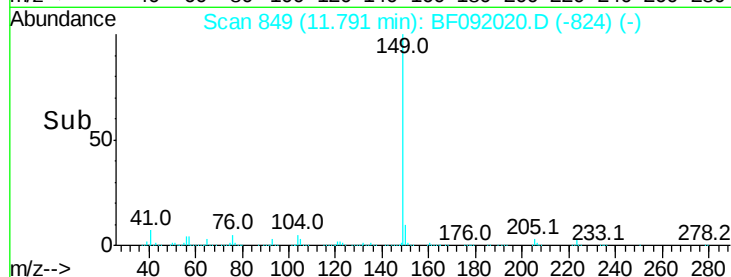
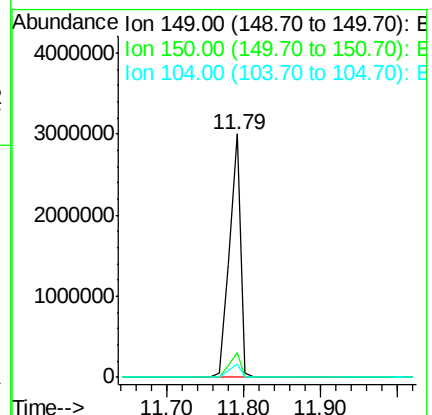
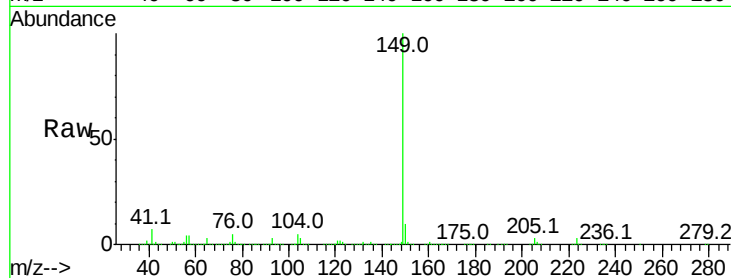
149 100

150 10.1 8.1 12.1

104 5.3 4.6 7.0

Manual Integrations
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Sohil
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#74

Fluoranthene

Concen: 50.50 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

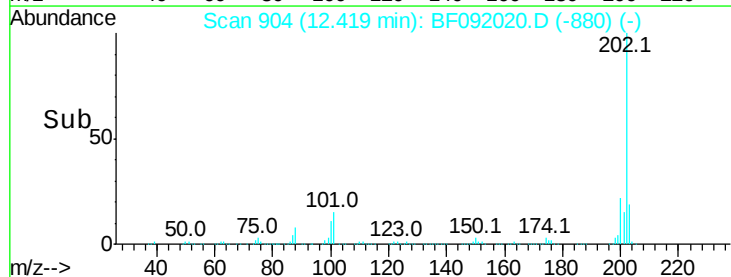
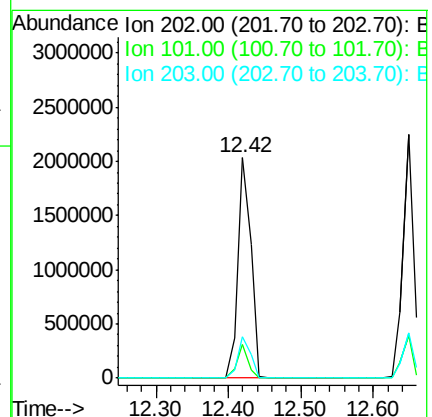
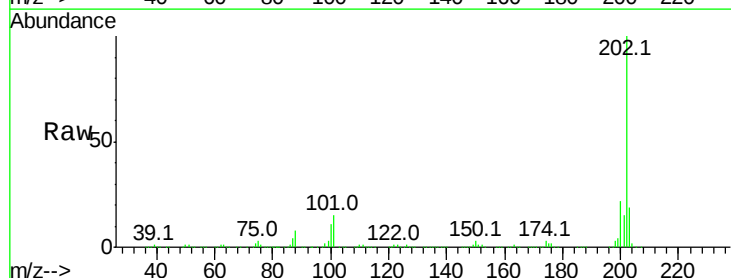
Tgt Ion:202 Resp: 2529462

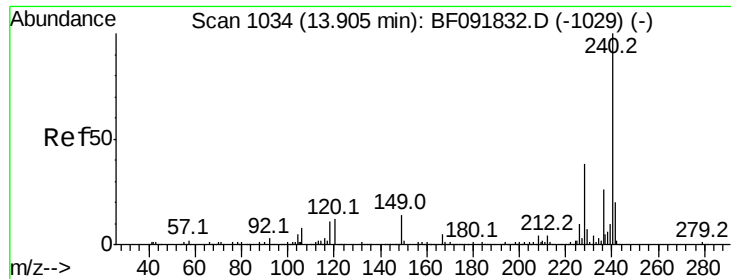
Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

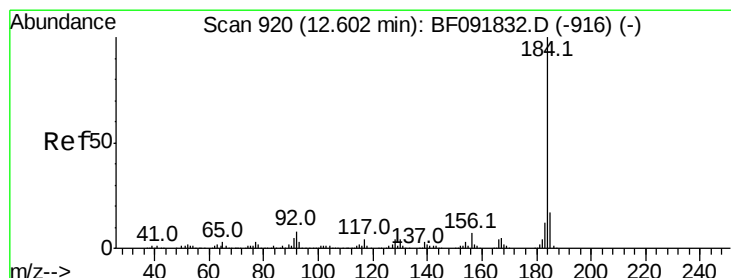
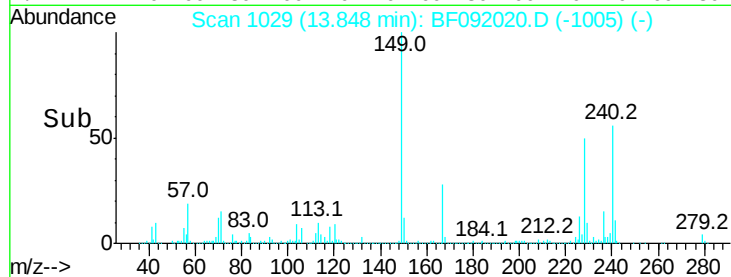
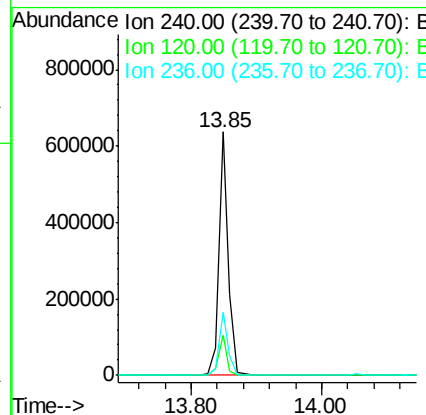
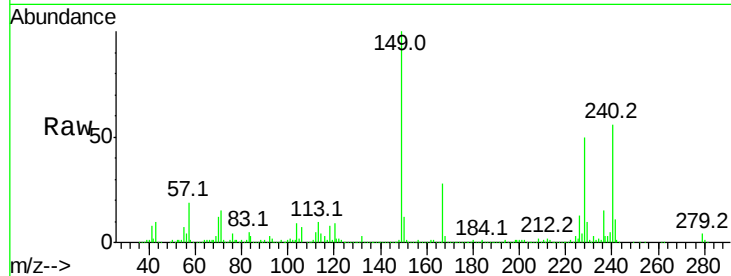
ClientSampleId :

MW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	647935		
120	16.5	12.9	19.3	
236	26.0	20.9	31.3	

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#76

Benzidine

Concen: 26.24 ng

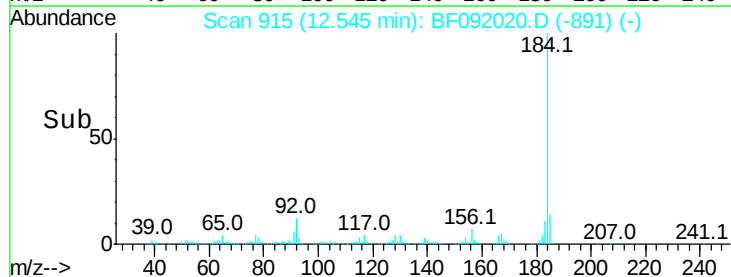
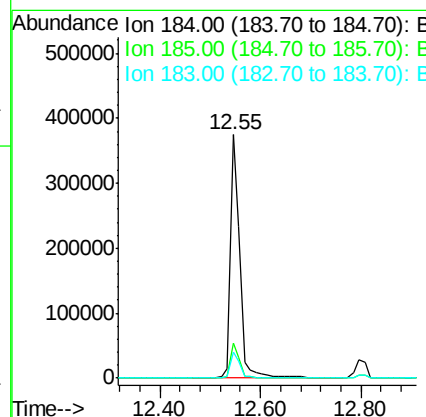
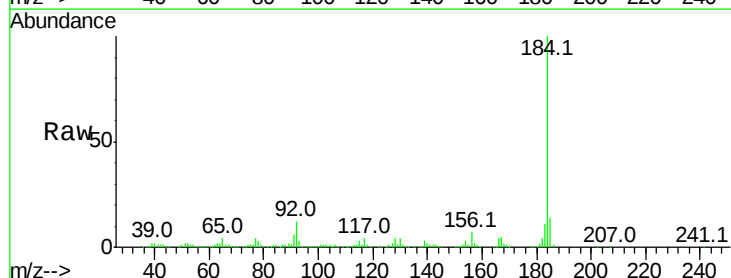
RT: 12.55 min Scan# 915

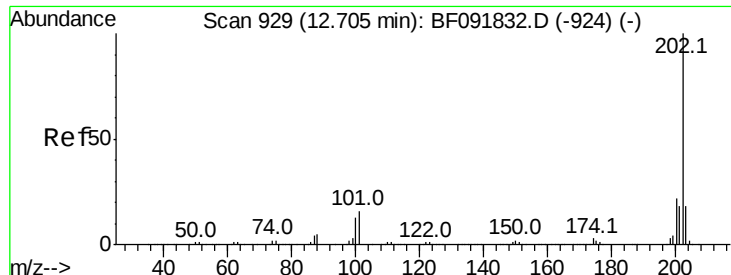
Delta R.T. -0.02 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	482612		
185	14.5	13.4	20.0	
183	10.6	9.2	13.8	





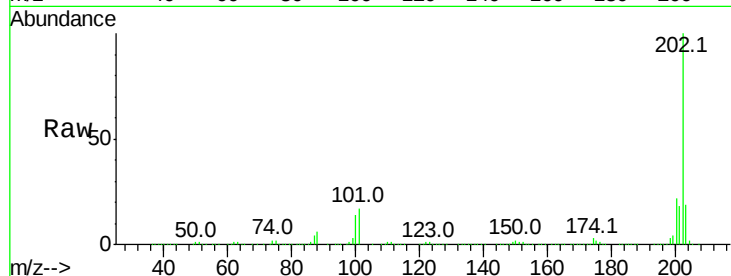
#77
Pvrene
Concen: 49.62 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

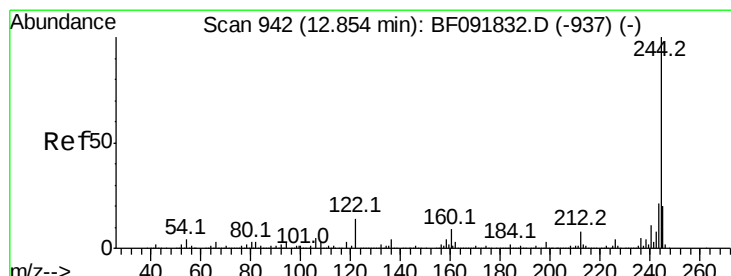
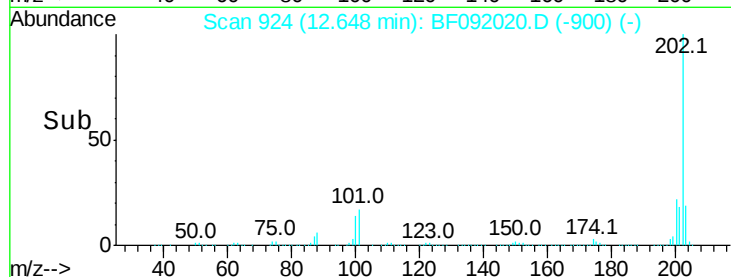
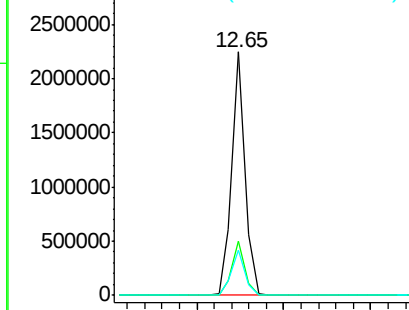
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.6	14.7	22.1

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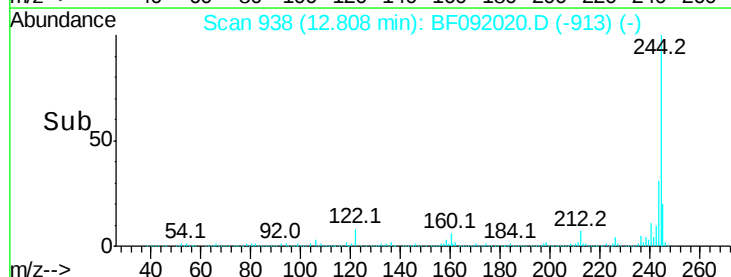
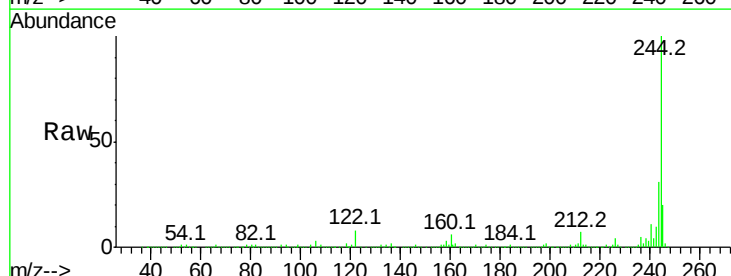
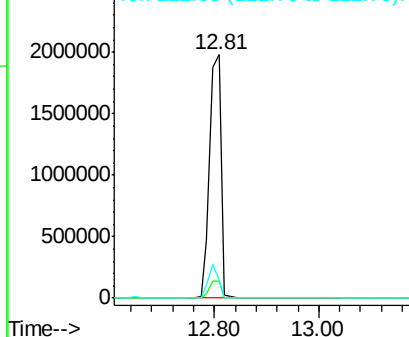
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

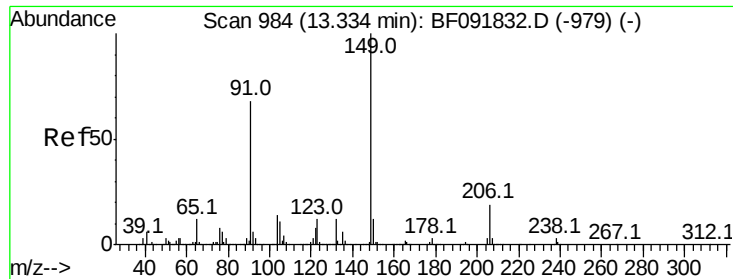


#78
Terphenyl-d14
Concen: 113.17 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.6	11.4	17.2#

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





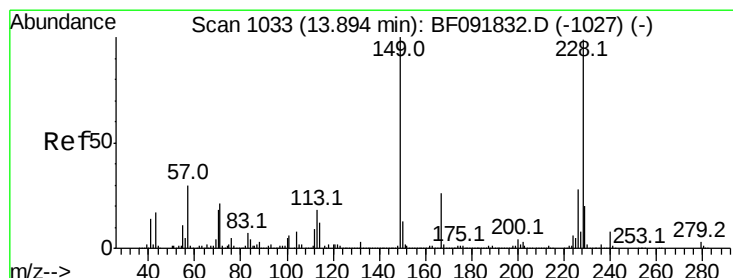
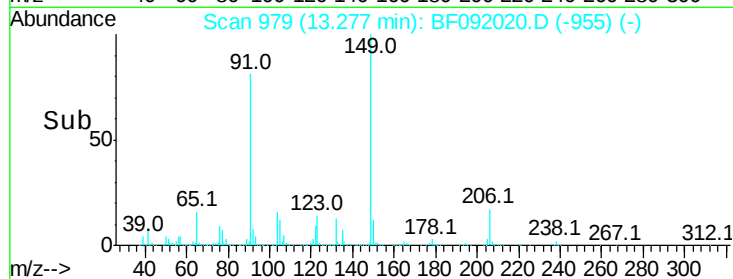
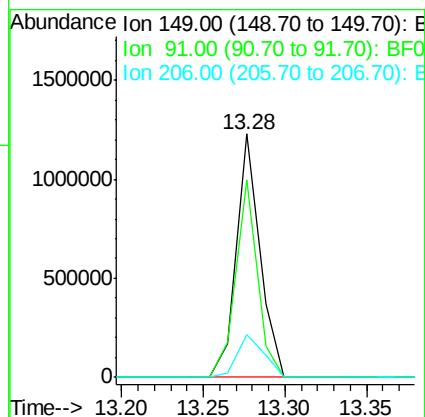
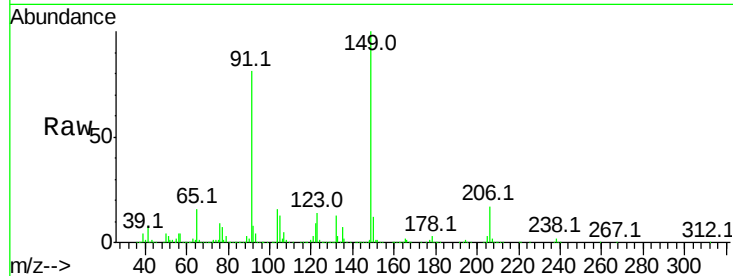
#79
Butylbenzylphthalate
Concen: 56.43 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.9	63.9	95.9
206	17.3	14.6	21.8

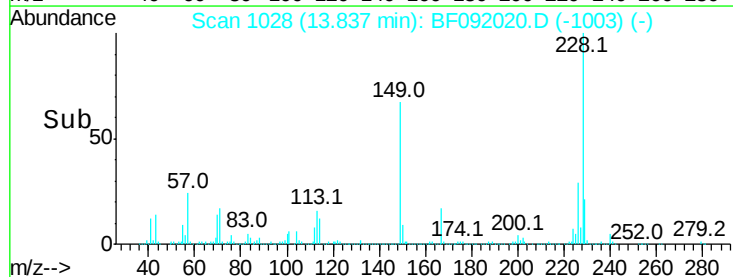
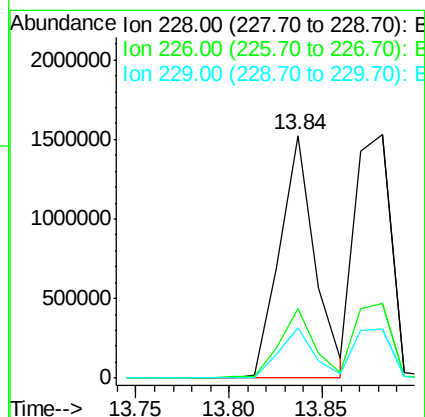
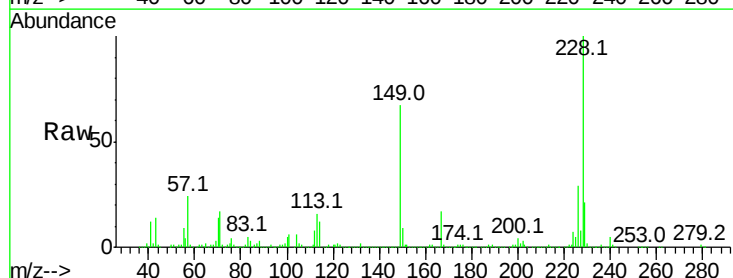
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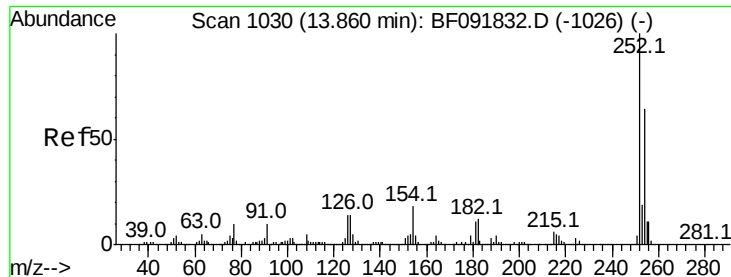
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#80
Benzo(a)anthracene
Concen: 54.95 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.6	16.2	24.4





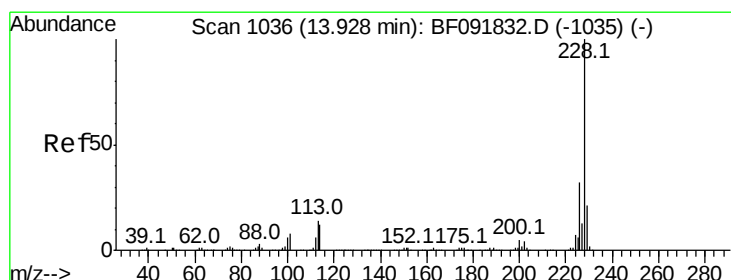
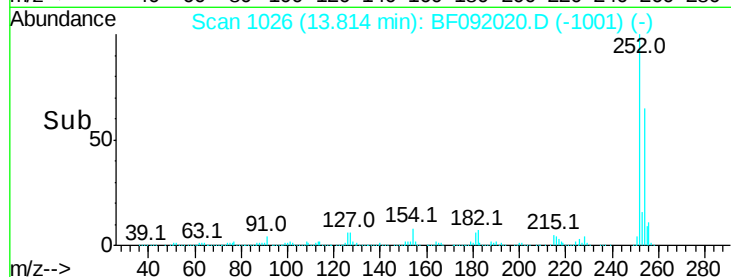
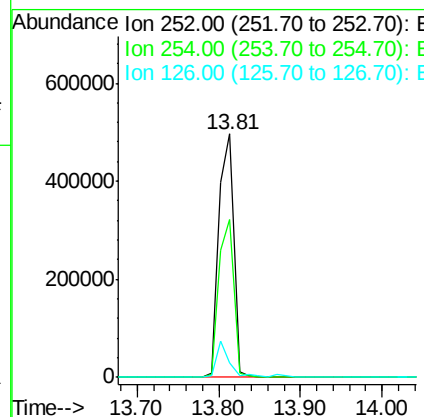
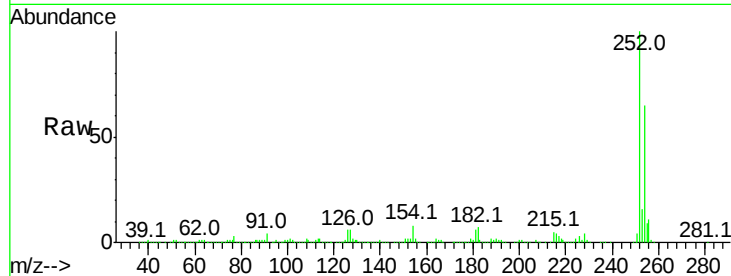
#81
 3,3'-Dichlorobenzidine
 Concen: 45.90 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-01MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	52.3	78.5
126	6.0	13.6	20.4

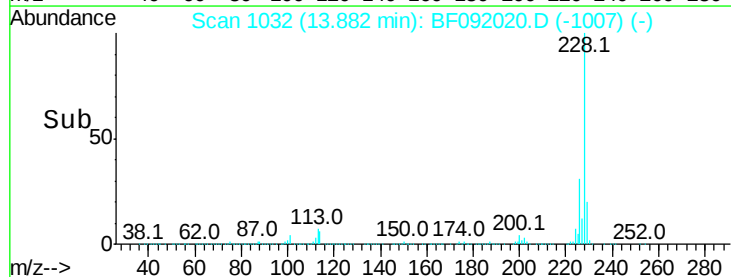
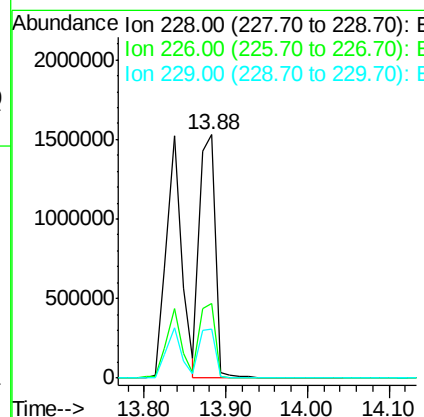
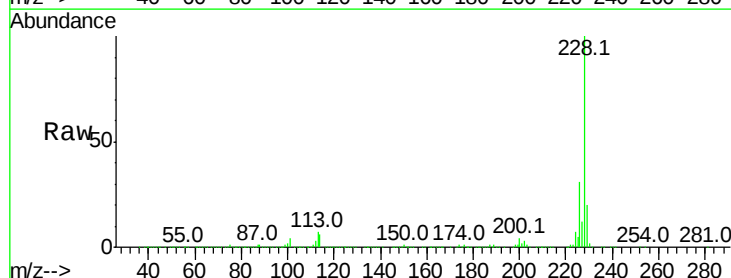
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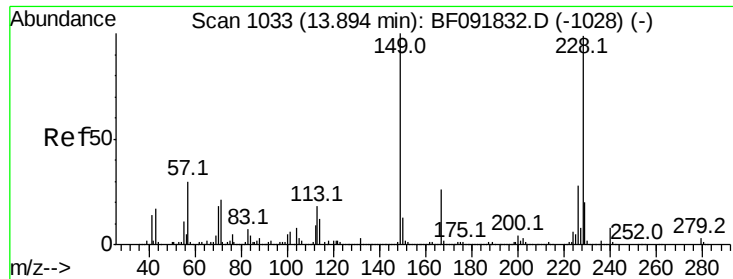
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#82
 Chrysene
 Concen: 56.74 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF092020.D
 Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.53 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:149 Resp: 1541208

Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

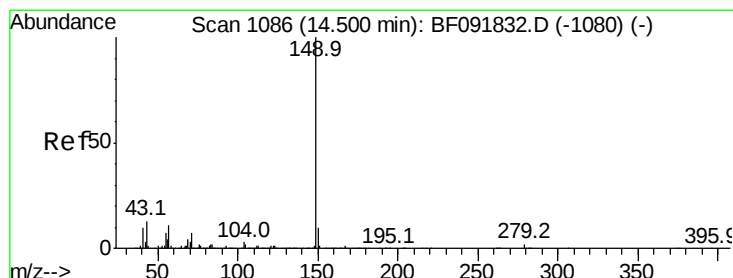
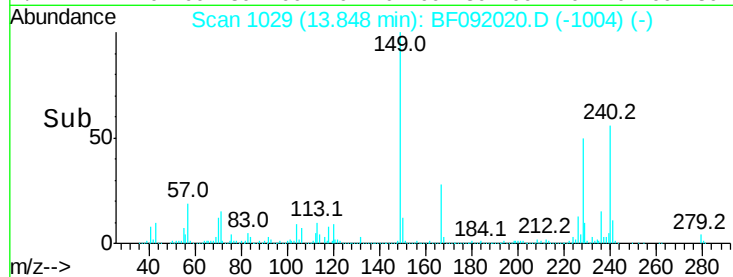
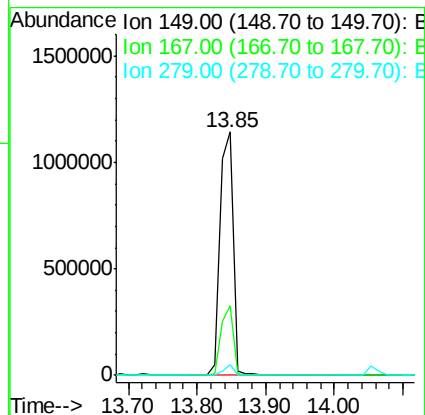
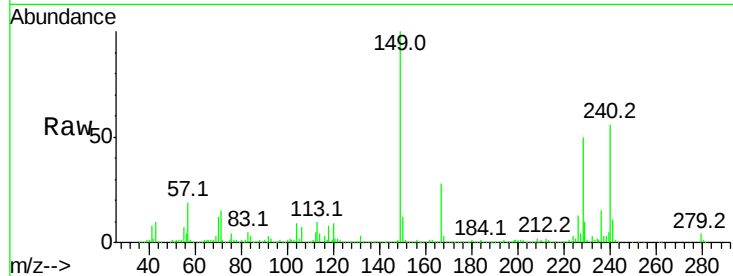
279 4.5 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 61.57 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

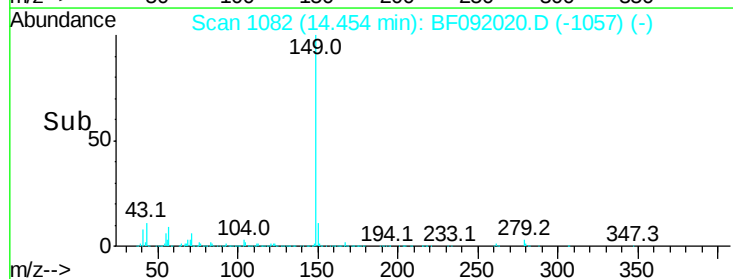
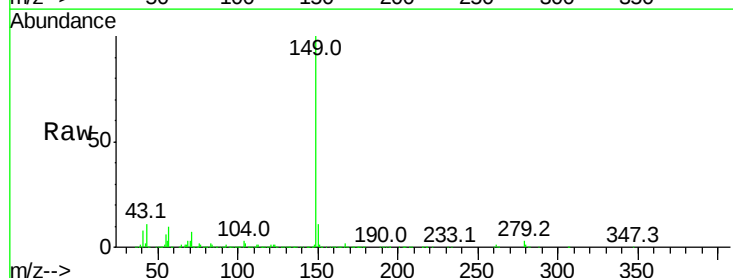
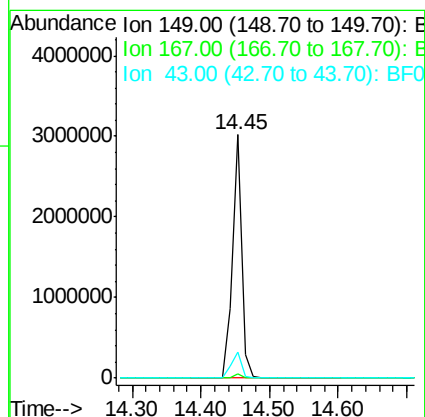
Tgt Ion:149 Resp: 2903960

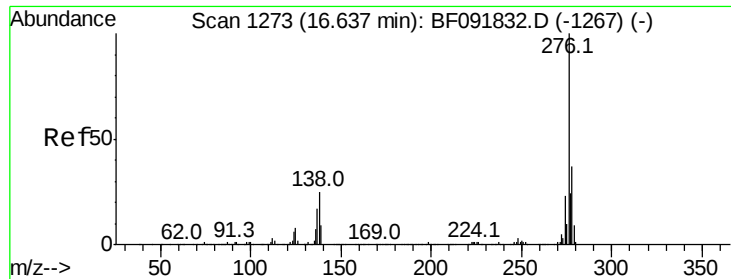
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.3 8.9 13.3





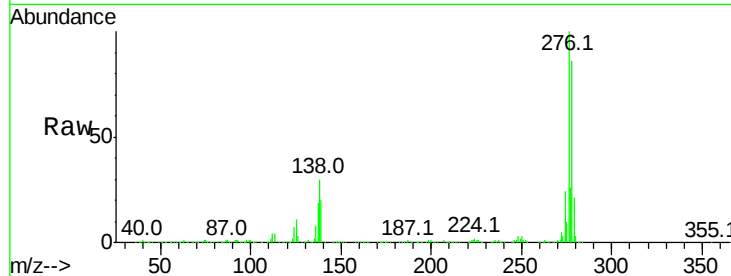
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.98 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.6
277	25.0	20.2	30.4

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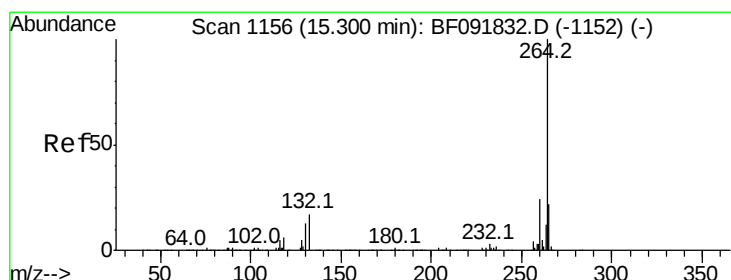
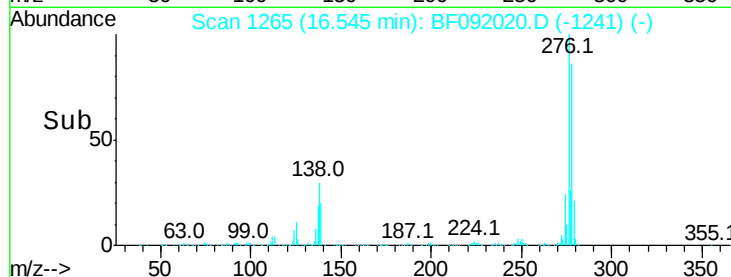
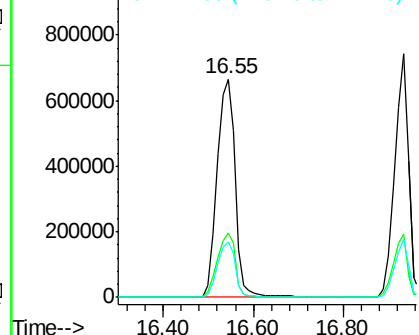


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

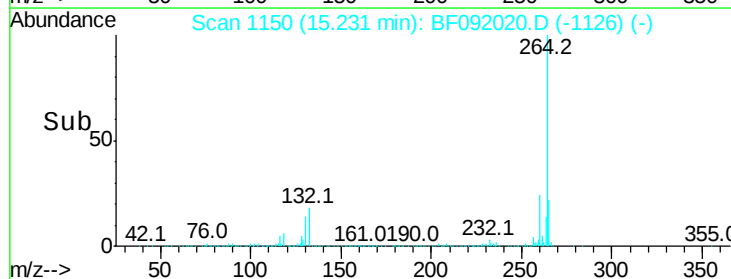
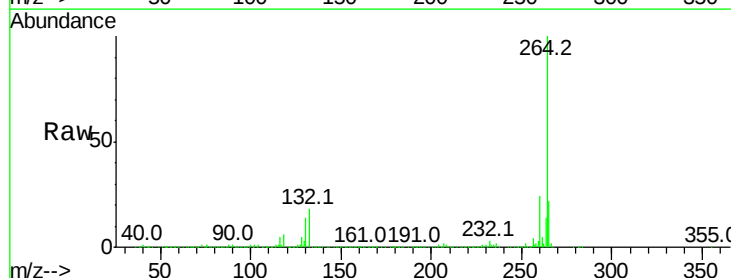
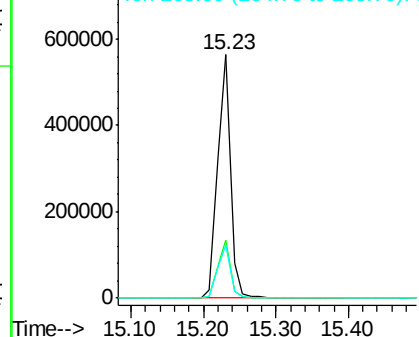
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.4	26.0

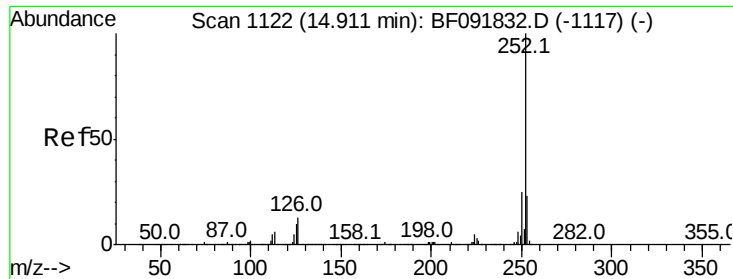
Abundance

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: 54.66 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:252 Resp: 2382460

Ion Ratio Lower Upper

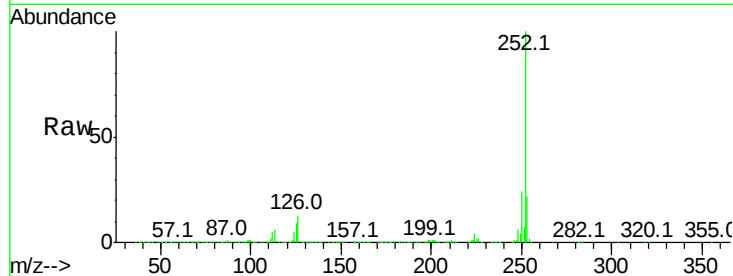
252 100

253 22.3 18.2 27.4

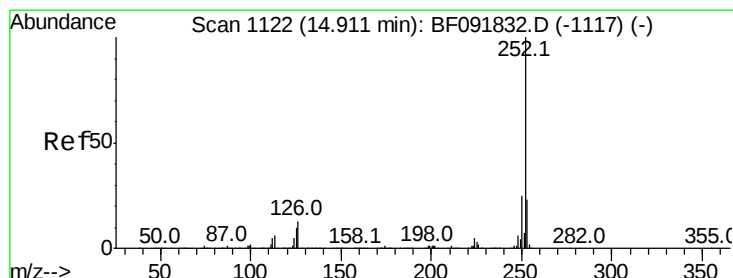
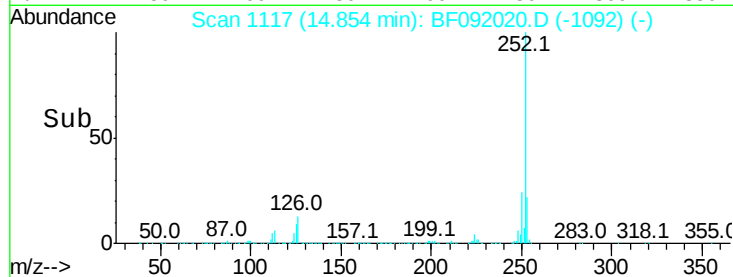
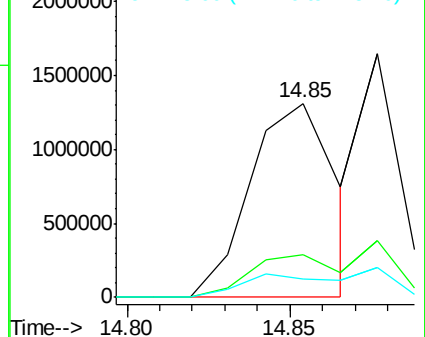
125 9.5 9.8 14.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.70 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Tgt Ion:252 Resp: 1401372

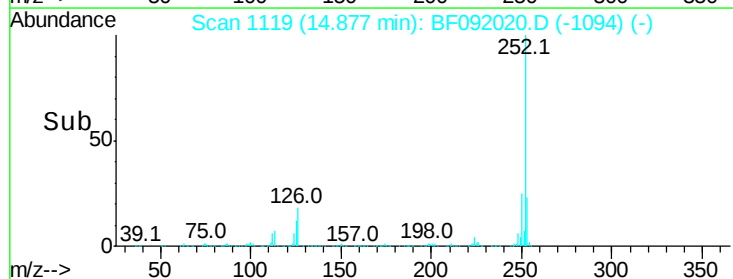
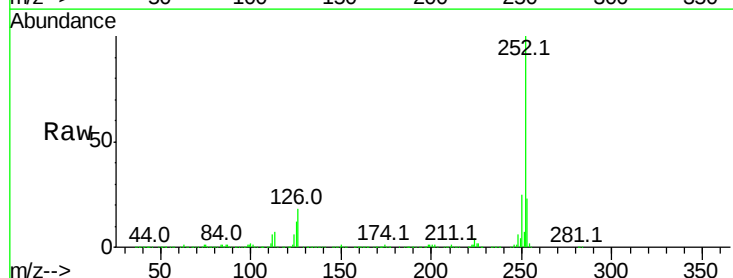
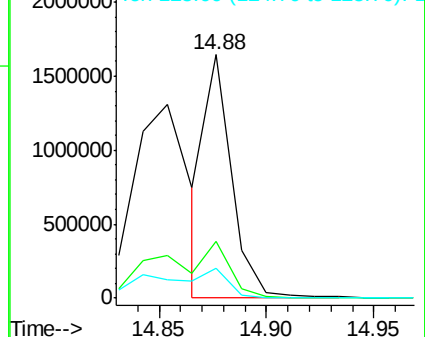
Ion Ratio Lower Upper

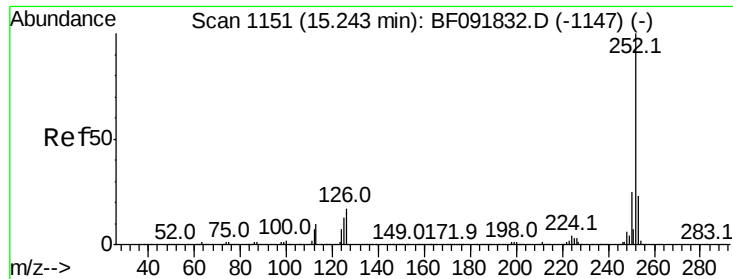
252 100

253 23.1 18.5 27.7

125 12.5 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





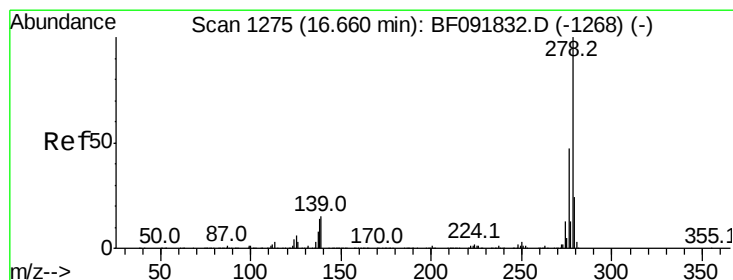
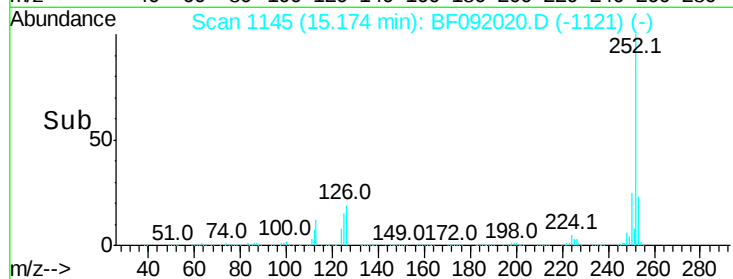
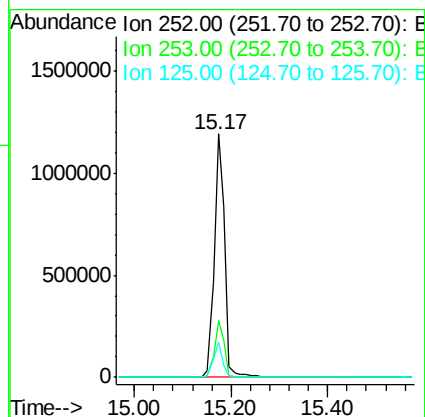
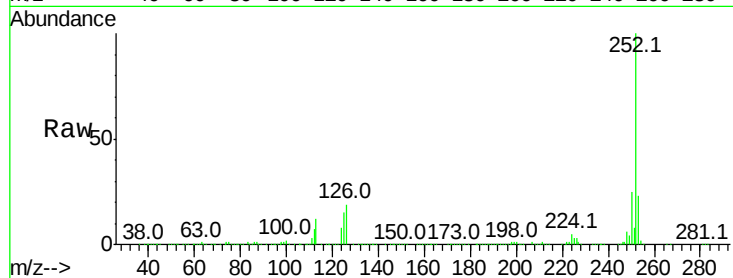
#89
Benzo(a)pyrene
Concen: 46.84 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	14.5	10.0	15.0

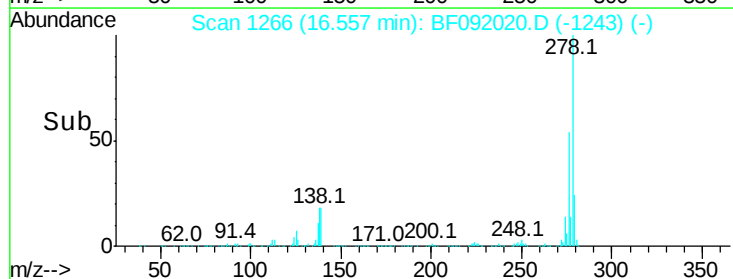
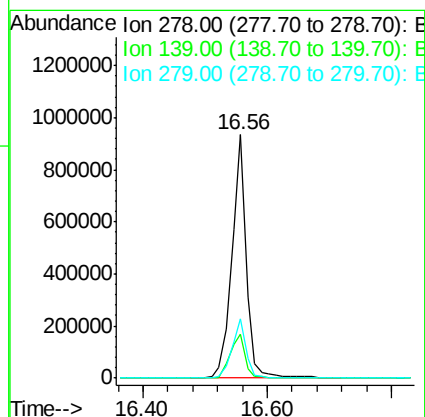
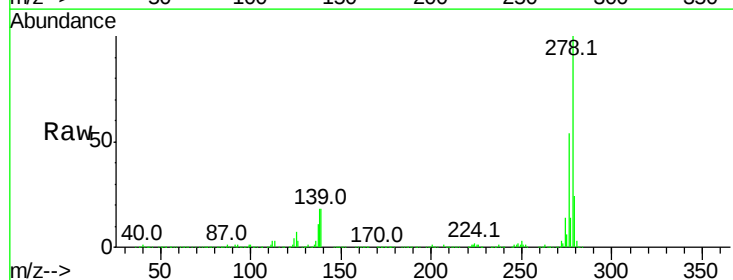
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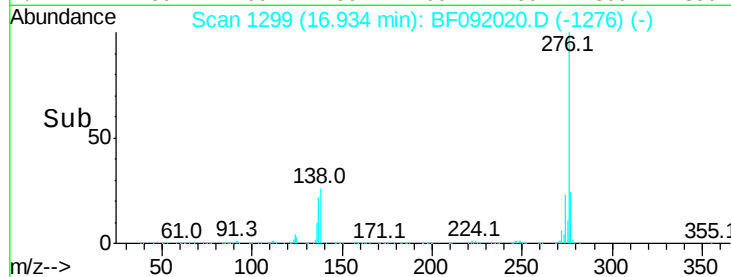
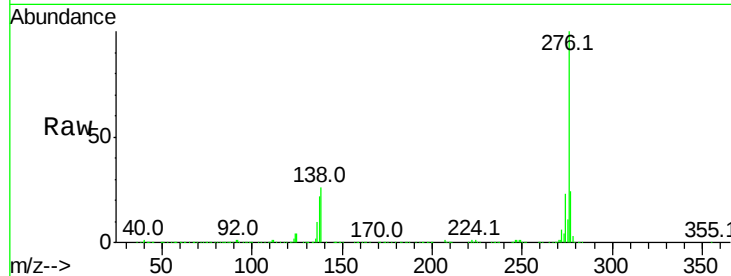
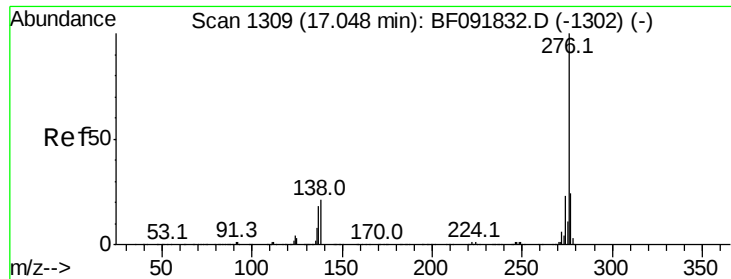
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#90
Dibenzo(a,h)anthracene
Concen: 47.55 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF092020.D
Acq: 29 Dec 2016 12:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.8	22.2
279	24.1	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 48.82 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BF092020.D

Acq: 29 Dec 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-01MS

Tot Ion:276 Resp: 1614007

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 25.8 16.0 24.0#

Manual Integrations

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