

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091858.D
 Acq On : 22 Dec 2016 2:34
 Operator : UM/SJ
 Sample : H6156-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Manual Integrations
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Quant Time: Dec 22 14:59:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 14:53:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	297763	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1208419	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	667210	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1028974	20.00	ng	0.00
75) Chrysene-d12	13.91	240	752055	20.00	ng	0.00
86) Perylene-d12	15.30	264	622336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1473812	82.65	ng	0.01
7) Phenol-d6	6.40	99	1193527	54.82	ng	-0.01
23) Nitrobenzene-d5	7.32	82	2098030	96.54	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	698642	126.53	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3083755	96.43	ng	0.00
78) Terphenyl-d14	12.85	244	2472085	79.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	217626	24.79	ng	97
3) Pyridine	3.05	79	483389	15.78	ng	97
4) n-Nitrosodimethylamine	2.99	42	256577	22.20	ng	97
6) Aniline	6.41	93	927112	32.78	ng	# 69
8) 2-Chlorophenol	6.53	128	872428	43.01	ng	97
9) Benzaldehyde	6.29	77	156742	9.79	ng	95
10) Phenol	6.41	94	537716	21.67	ng	# 77
11) bis(2-Chloroethyl)ether	6.49	93	1007344	51.03	ng	98
12) 1,3-Dichlorobenzene	6.68	146	980194	45.26	ng	# 90
13) 1,4-Dichlorobenzene	6.76	146	961747	43.63	ng	99
14) 1,2-Dichlorobenzene	6.92	146	952177	49.79	ng	99
15) Benzyl Alcohol	6.90	79	578529	34.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1449627	49.31	ng	95
17) 2-Methylphenol	7.02	107	667201	40.90	ng	97
18) Hexachloroethane	7.26	117	384807	47.09	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	734915	50.74	ng	98
20) 3+4-Methylphenols	7.17	107	695688	35.75	ng	94
22) Acetophenone	7.16	105	1492491	50.07	ng	# 94
24) Nitrobenzene	7.33	77	1123005	48.52	ng	99
25) Isophorone	7.58	82	2193858	54.72	ng	99
26) 2-Nitrophenol	7.65	139	566636	49.64	ng	98
27) 2,4-Dimethylphenol	7.70	122	902045	47.65	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	1279967	52.64	ng	99
29) 2,4-Dichlorophenol	7.90	162	845808	52.76	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	881971	50.21	ng	98
31) Naphthalene	8.05	128	2836925	51.29	ng	100
32) Benzoic acid	7.81	122	225608	16.07	ng	92
33) 4-Chloroaniline	8.11	127	909144	36.46	ng	99
34) Hexachlorobutadiene	8.18	225	448767	48.40	ng	99
35) Caprolactam	8.50	113	49642	9.42	ng	# 73
36) 4-Chloro-3-methylphenol	8.60	107	891717	48.34	ng	94
37) 2-Methylnaphthalene	8.75	142	1896715	72.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	832560	49.39	ng	99
40) Hexachlorocyclopentadiene	8.91	237	718289	94.90	ng	100

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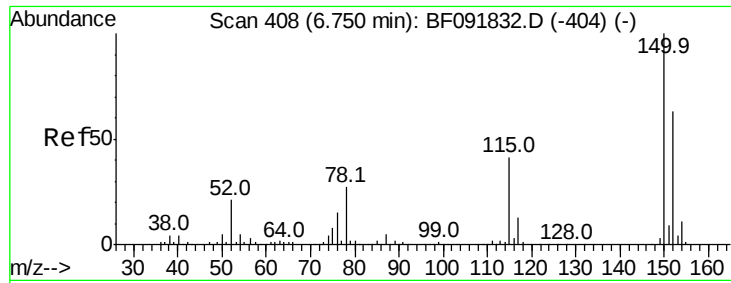
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	597866	50.71	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	594238m	48.98	nq	
45) 1,1'-Biphenyl	9.22	154	2501953	54.77	nq	99
46) 2-Chloronaphthalene	9.24	162	1863606	51.51	nq	99
47) 2-Nitroaniline	9.33	65	661830	51.38	nq	99
48) Acenaphthylene	9.65	152	2752687	49.47	nq	99
49) Dimethylphthalate	9.53	163	2301607	53.94	nq	98
50) 2,6-Dinitrotoluene	9.58	165	502636	53.81	nq	# 82
51) Acenaphthene	9.82	154	1991819	52.80	nq	99
52) 3-Nitroaniline	9.74	138	372494	32.23	nq	98
53) 2,4-Dinitrophenol	9.86	184	479450	92.25	nq	# 67
54) Dibenzofuran	10.00	168	2330601	45.75	nq	99
55) 4-Nitrophenol	9.93	139	365124	46.52	nq	90
56) 2,4-Dinitrotoluene	9.98	165	546245	46.60	nq	87
57) Fluorene	10.34	166	1849348	49.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	509567	53.10	nq	98
59) Diethylphthalate	10.22	149	2114173	51.01	nq	95
60) 4-Chlorophenyl-phenylether	10.33	204	730527	45.02	nq	97
61) 4-Nitroaniline	10.36	138	556003	46.42	nq	95
62) Azobenzene	10.49	77	2314462	50.72	nq	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	327331	52.61	nq	# 63
65) n-Nitrosodiphenylamine	10.45	169	1626560	53.27	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	541959	50.63	nq	96
67) Hexachlorobenzene	10.89	284	601845	52.60	nq	96
68) Atrazine	10.99	200	512983	52.08	nq	93
69) Pentachlorophenol	11.08	266	568185	101.21	nq	97
70) Phenanthrene	11.30	178	2863055	51.31	nq	100
71) Anthracene	11.34	178	2448444	52.46	nq	99
72) Carbazole	11.50	167	2440383	47.21	nq	100
73) Di-n-butylphthalate	11.84	149	2675112	51.16	nq	100
74) Fluoranthene	12.48	202	2483270	51.26	nq	99
76) Benzidine	12.60	184	235037	8.83	nq	97
77) Pyrene	12.70	202	2540423	46.04	nq	99
79) Butylbenzylphthalate	13.33	149	1358188	54.12	nq	86
80) Benzo(a)anthracene	13.89	228	1878026	44.24	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	570136	35.42	nq	# 97
82) Chrysene	13.93	228	1894576	44.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1434229	48.53	nq	# 96
84) Di-n-octyl phthalate	14.50	149	2736539	49.98	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1939931	52.59	nq	97
87) Benzo(b)fluoranthene	14.91	252	2237103m	57.74	nq	
88) Benzo(k)fluoranthene	14.93	252	1419634m	42.97	nq	
89) Benzo(a)pyrene	15.24	252	1739851	50.59	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	1583625	56.03	nq	96
91) Benzo(g,h,i)perylene	17.04	276	1700321	57.85	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091858.D

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Instrument :

BNA_F

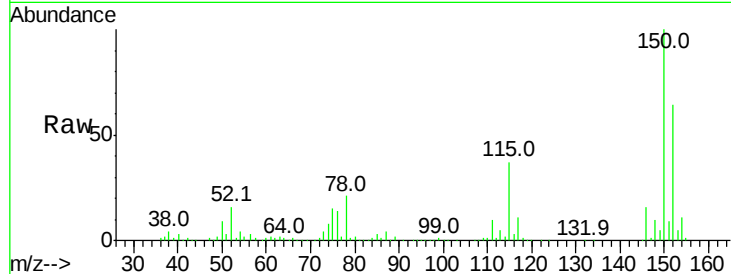
ClientSampleId :

MW-101MSD

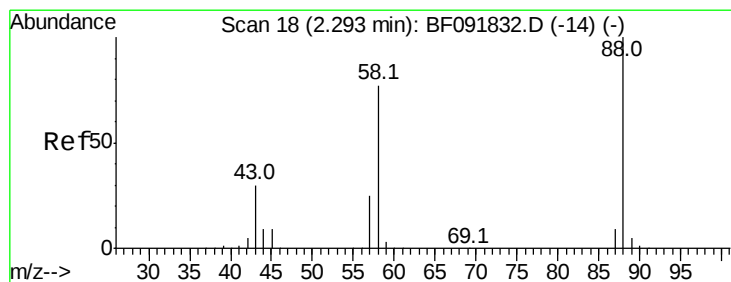
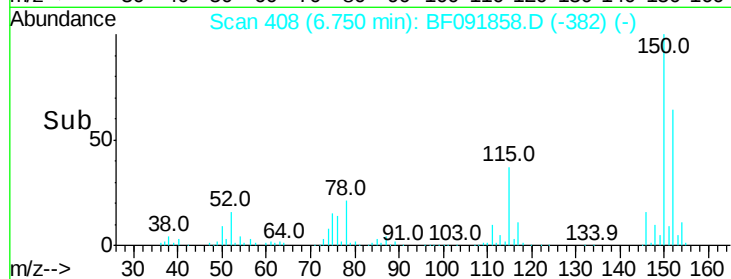
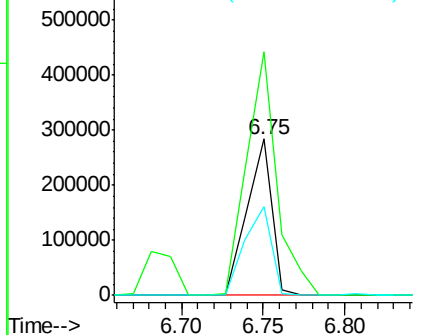
Tot Ion:	152	Resp:	297763
Ion Ratio	Lower	Upper	
152	100		
150	155.9	124.9	187.3
115	56.9	46.0	69.0

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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: 24.79 ng

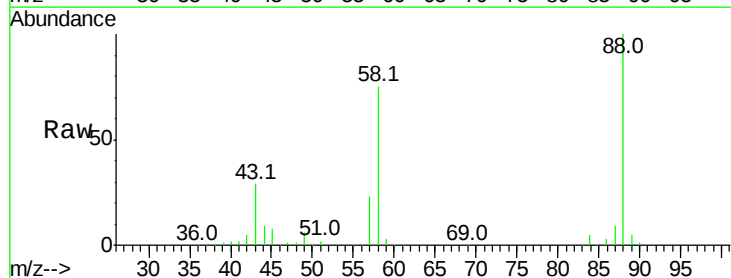
RT: 2.36 min Scan# 24

Delta R.T. 0.07 min

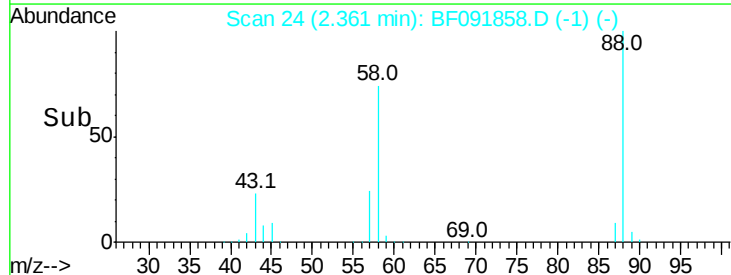
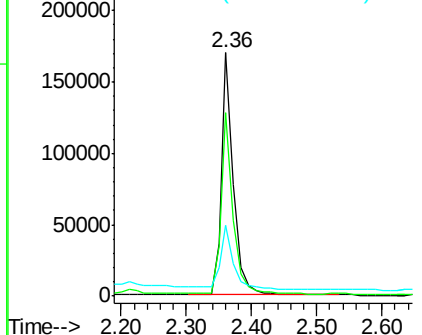
Lab File: BF091858.D

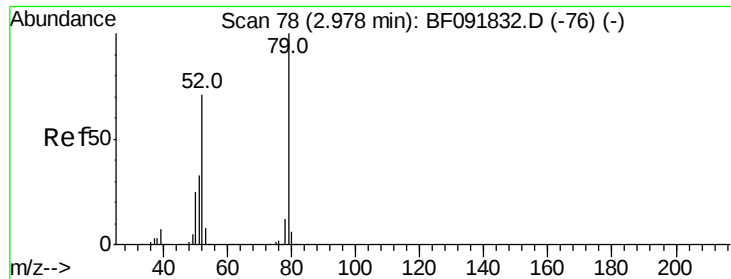
Acq: 22 Dec 2016 2:34

Tgt Ion:	88	Resp:	217626
Ion Ratio	Lower	Upper	
88	100		
58	74.7	57.8	86.8
43	30.5	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





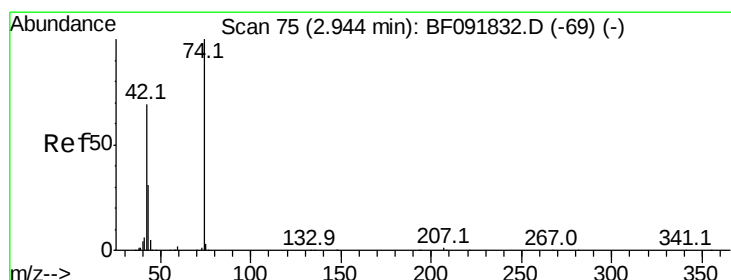
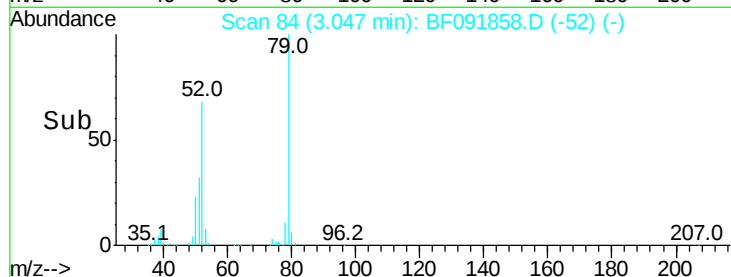
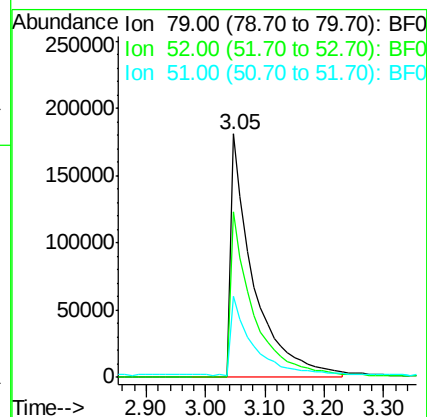
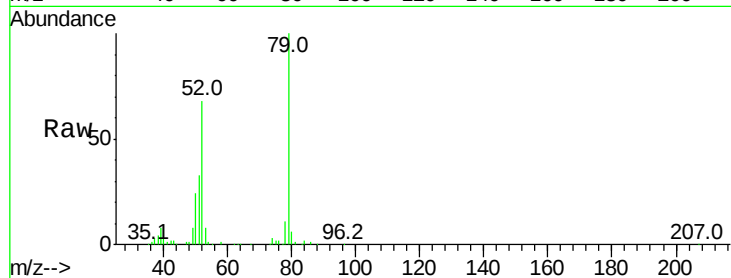
#3
 Pvridine
 Concen: 15.78 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.07 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.9	57.1	85.7
51	33.2	27.3	40.9

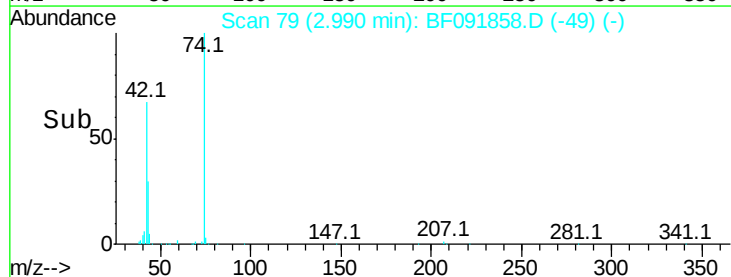
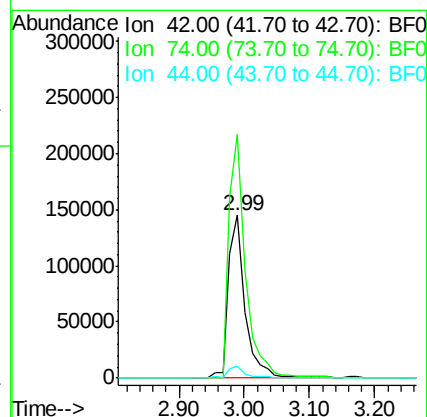
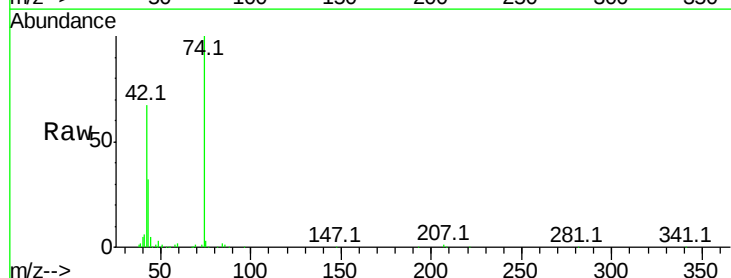
Manual Integrations
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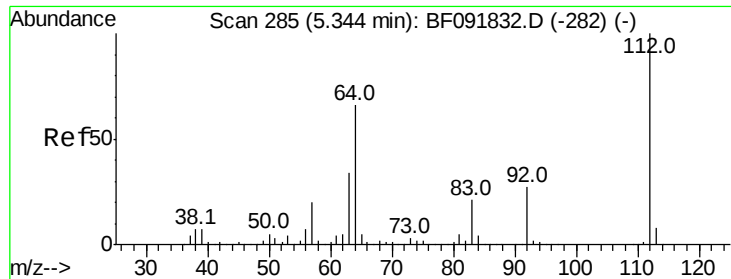
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#4
 n-Nitrosodimethylamine
 Concen: 22.20 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.05 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.5	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 82.65 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

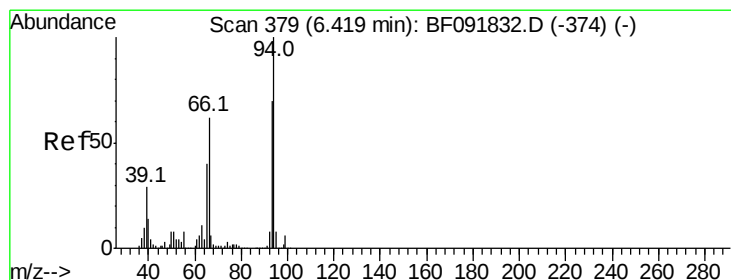
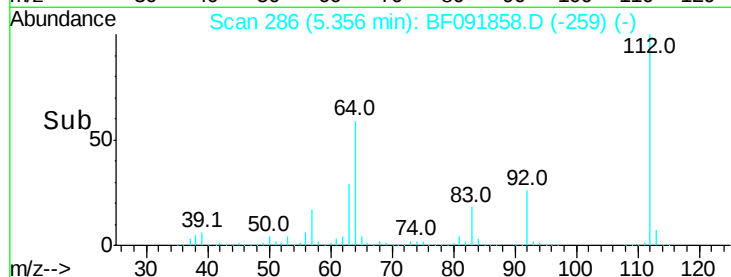
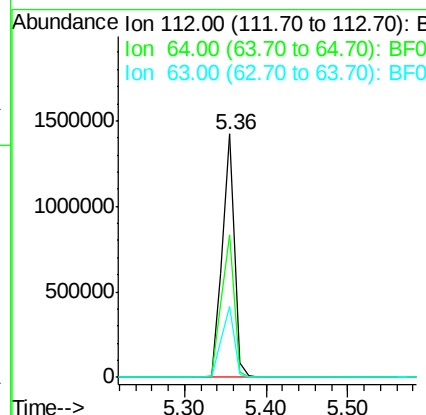
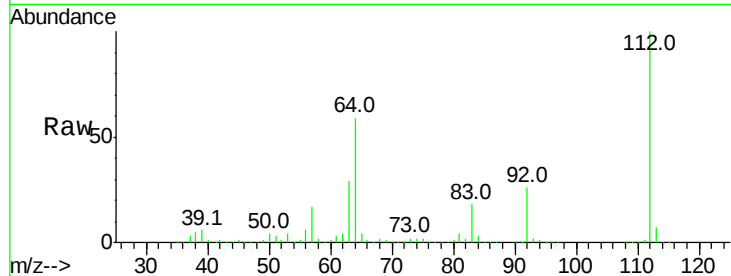
ClientSampleId :

MW-101MSD

Tot Ion:	112	Resp:	1473812
Ion Ratio	Lower	Upper	
112	100		
64	58.6	46.1	69.1
63	29.0	23.8	35.6

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#6

Aniline

Concen: 32.78 ng

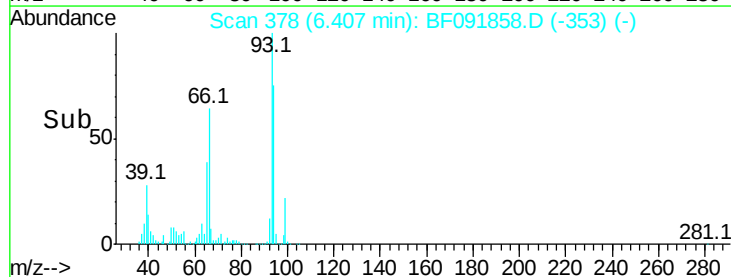
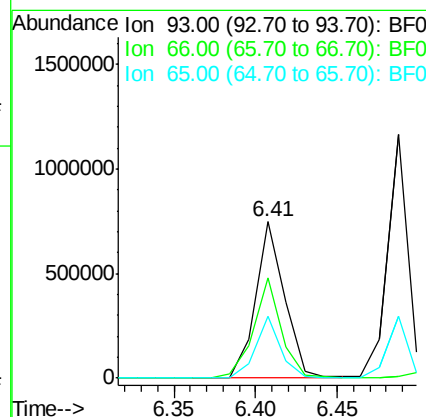
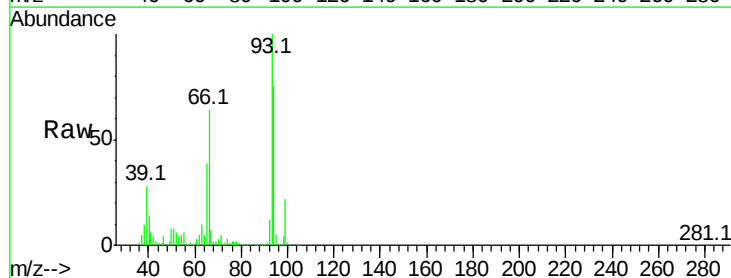
RT: 6.41 min Scan# 378

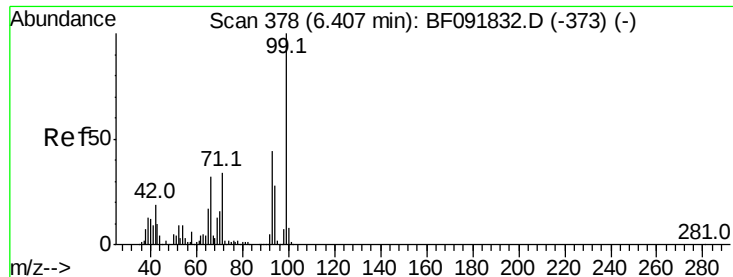
Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	93	Resp:	927112
Ion Ratio	Lower	Upper	
93	100		
66	64.1	76.2	114.2#
65	39.3	49.3	73.9#





#7

Phenol-d6

Concen: 54.82 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

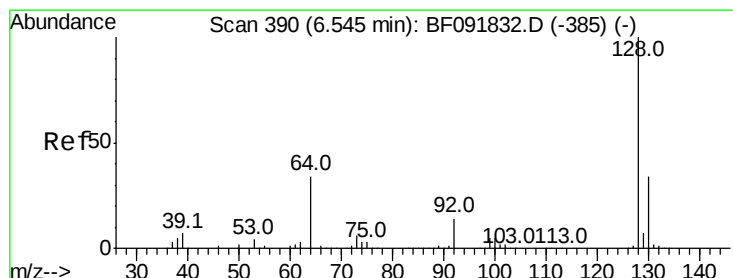
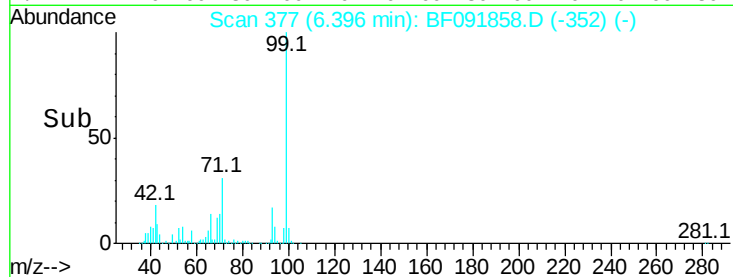
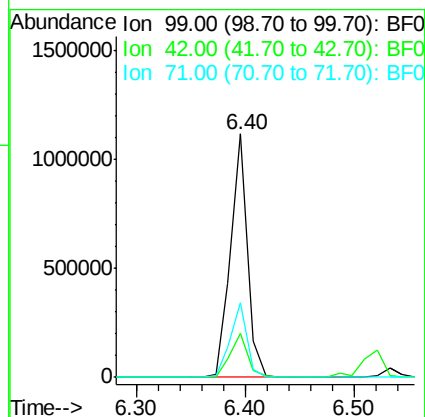
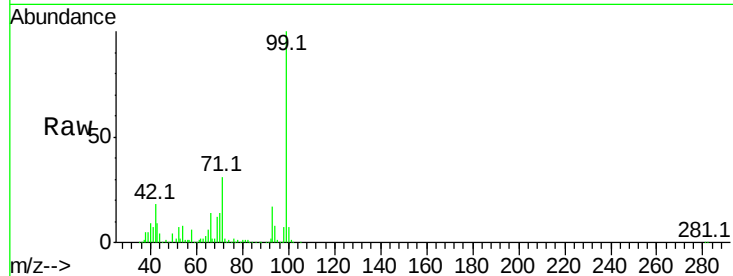
ClientSampleId :

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Tot Ion:	99	Resp:	1193527
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	30.6	27.5	41.3

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#8

2-Chlorophenol

Concen: 43.01 ng

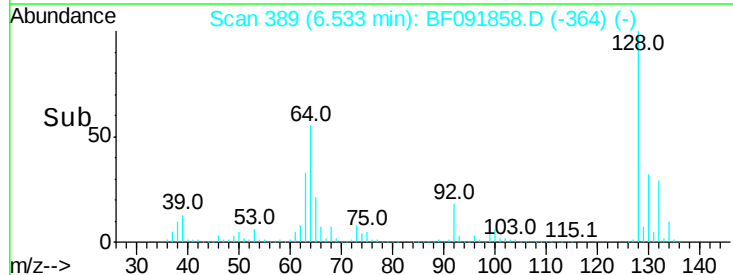
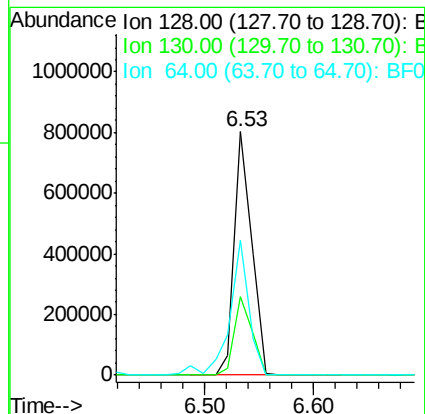
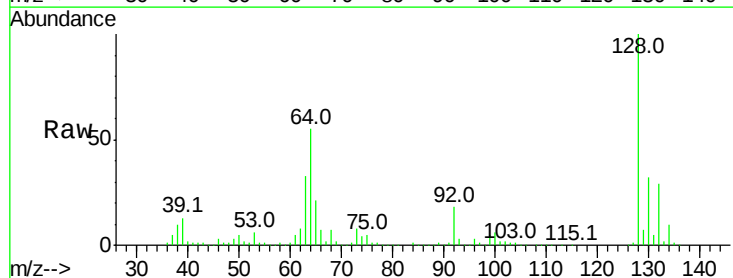
RT: 6.53 min Scan# 389

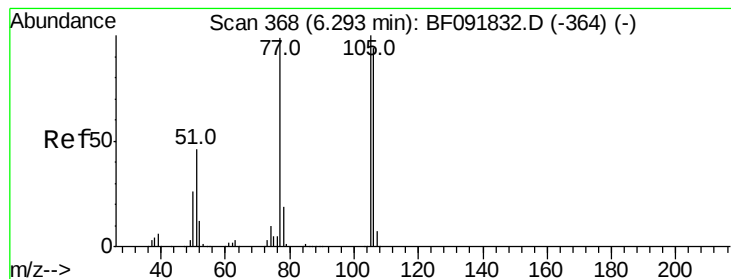
Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	128	Resp:	872428
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	55.2	32.2	72.2





#9

Benzaldehyde

Concen: 9.79 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

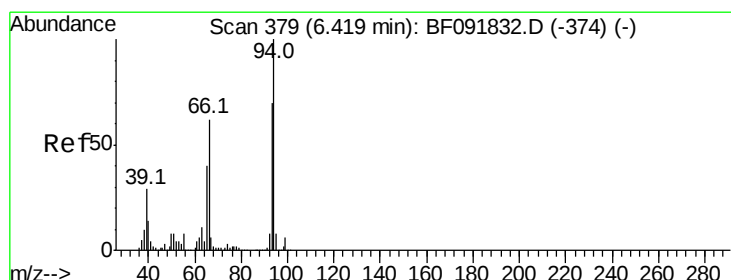
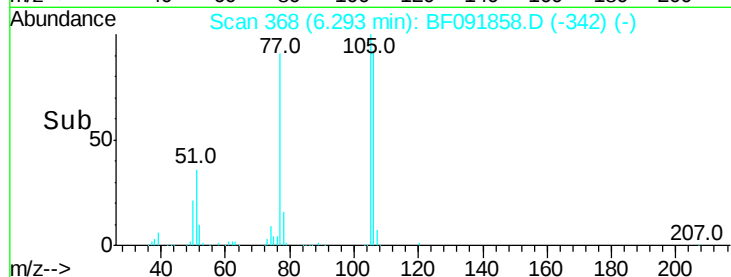
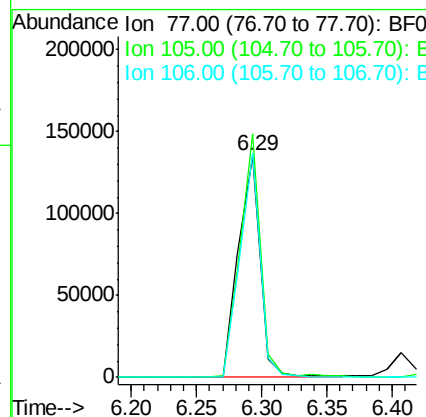
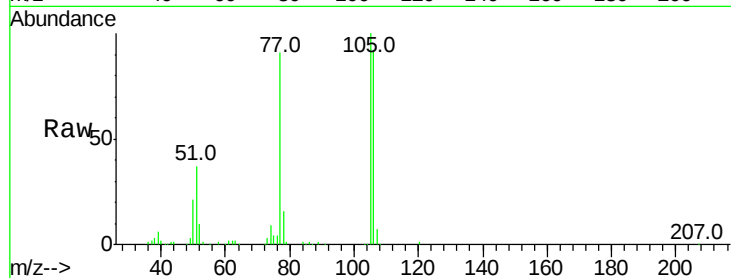
ClientSampleId :

MW-101MSD

Tot Ion:	77	Resp:	156742
Ion Ratio	Lower	Upper	
77	100		
105	110.2	83.9	123.9
106	101.9	77.6	117.6

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#10

Phenol

Concen: 21.67 ng

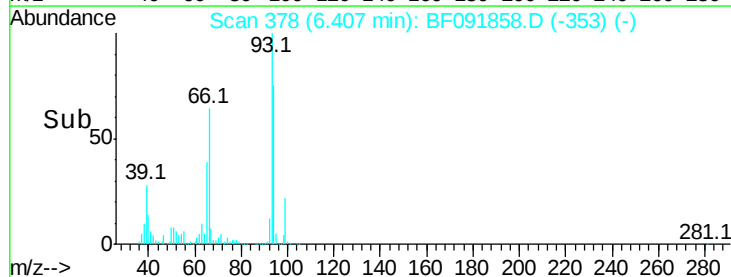
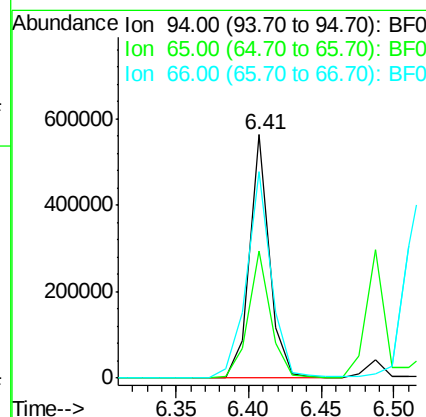
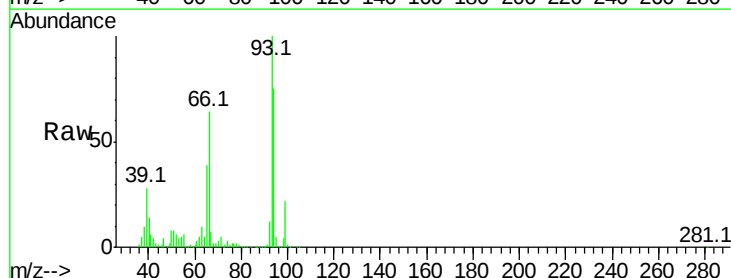
RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	94	Resp:	537716
Ion Ratio	Lower	Upper	
94	100		
65	52.1	21.4	61.4
66	85.0	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 51.03 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion: 93 Resp: 1007344

Ion Ratio Lower Upper

93 100

63 78.8 60.4 100.4

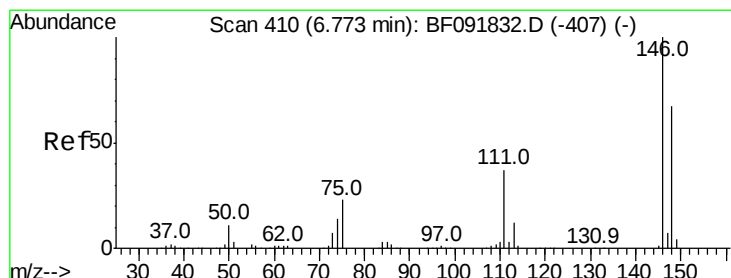
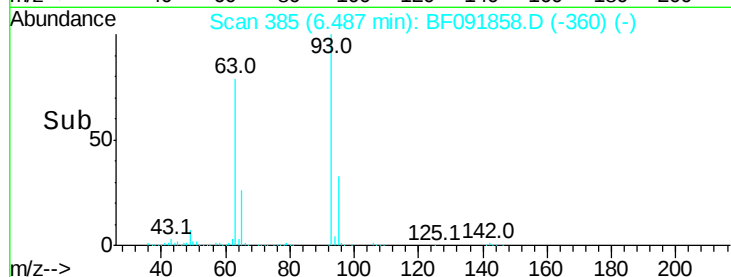
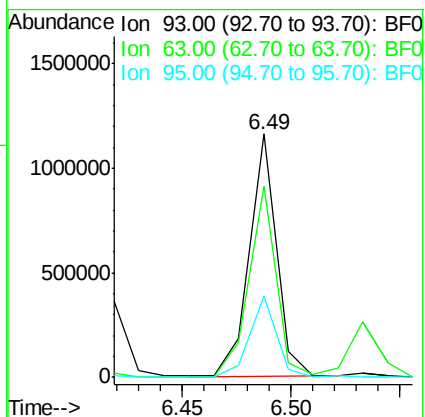
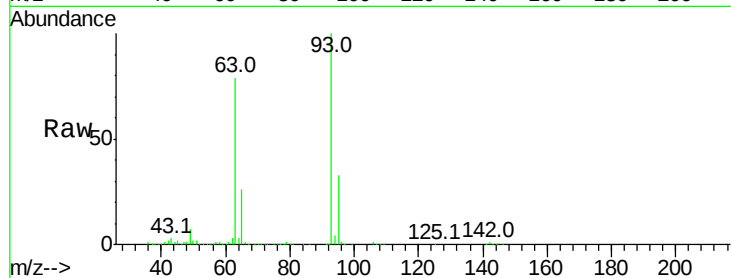
95 33.2 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 45.26 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

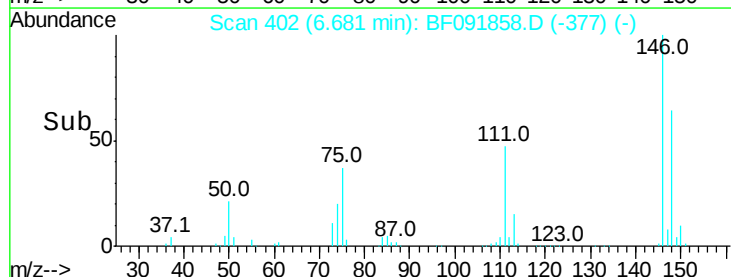
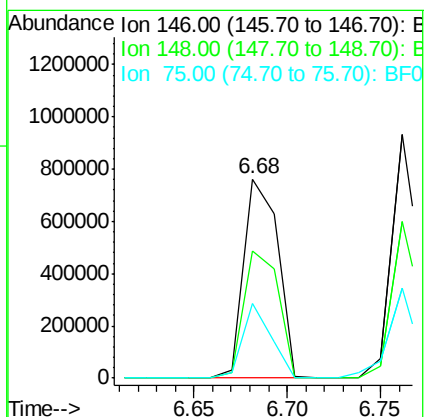
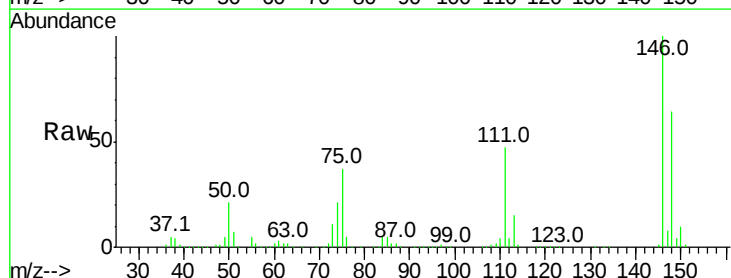
Tgt Ion: 146 Resp: 980194

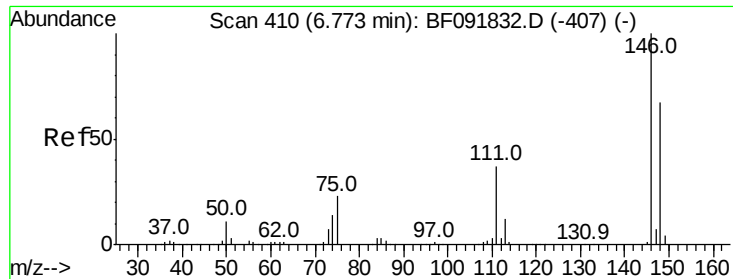
Ion Ratio Lower Upper

146 100

148 63.7 53.4 80.0

75 37.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 43.63 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

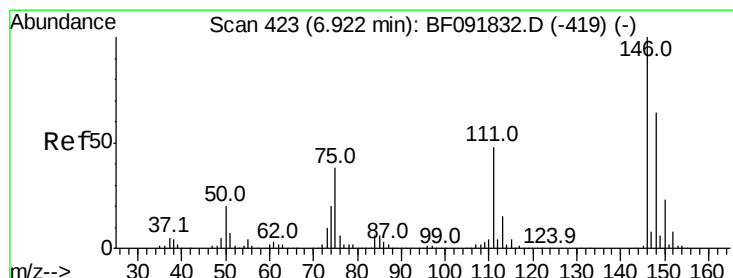
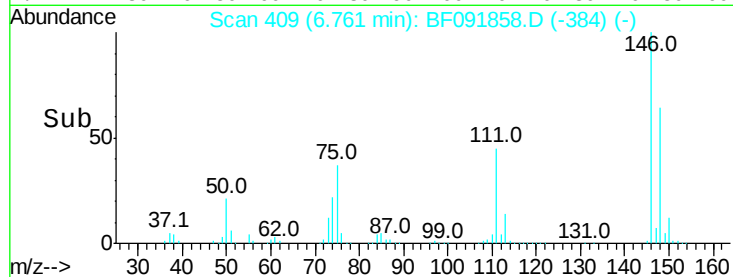
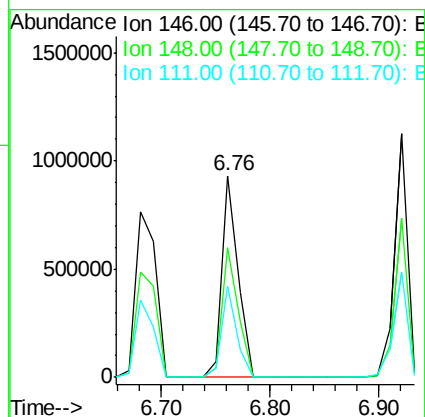
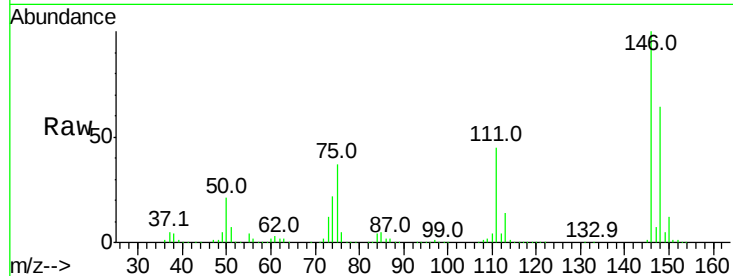
ClientSampleId :

MW-101MSD

Tot Ion:	146	Resp:	961747
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	76.0
111	45.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 49.79 ng

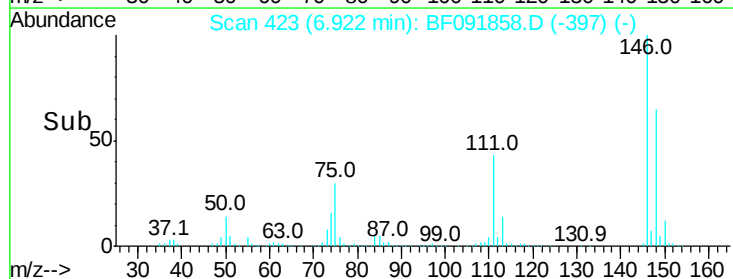
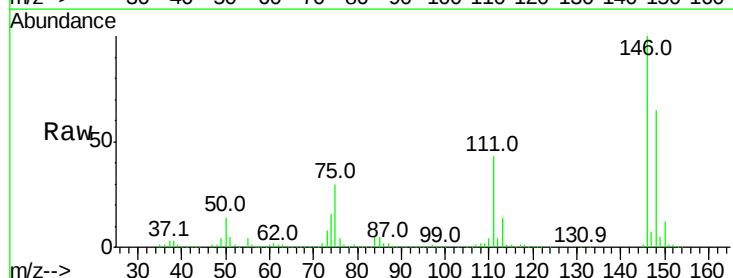
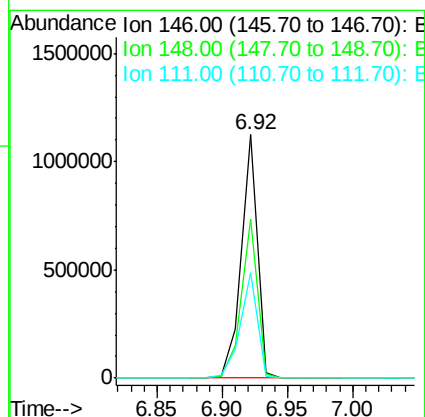
RT: 6.92 min Scan# 423

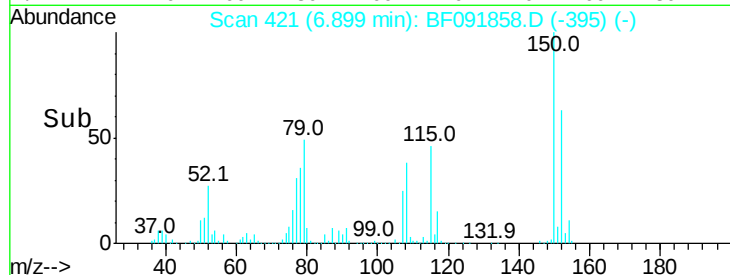
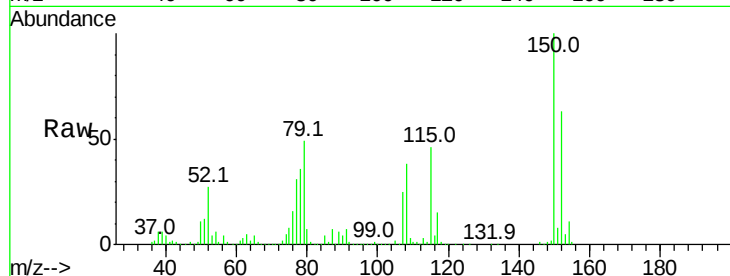
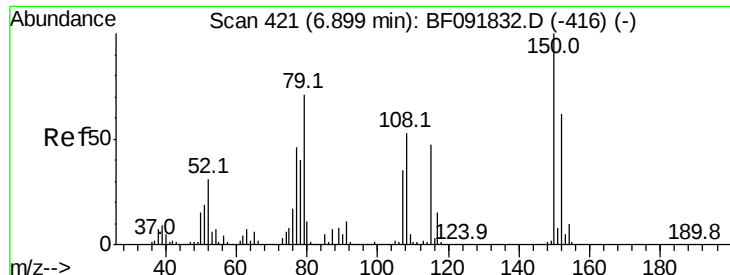
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	146	Resp:	952177
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.2
111	43.1	36.2	54.2





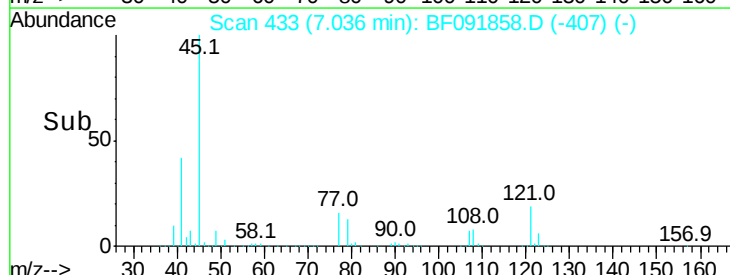
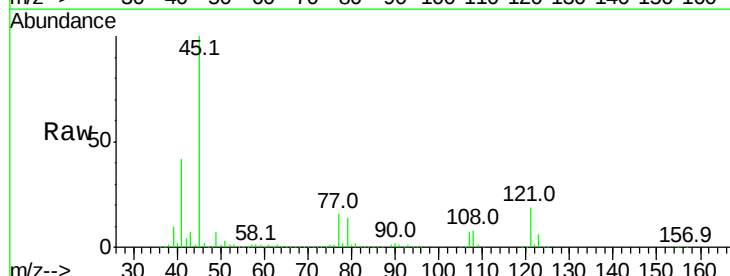
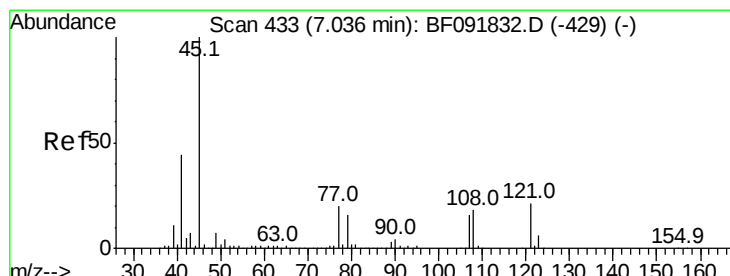
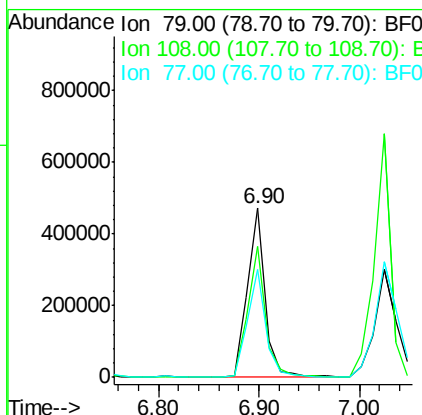
#15
Benzyl Alcohol
Concen: 34.20 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	61.4	92.0
77	64.0	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

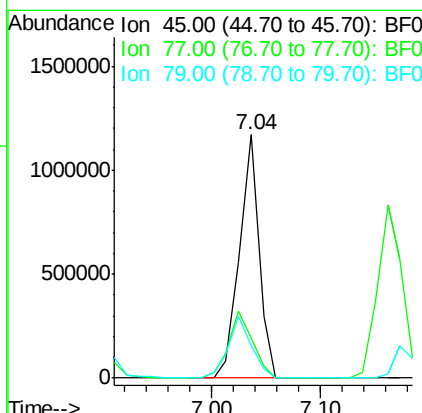
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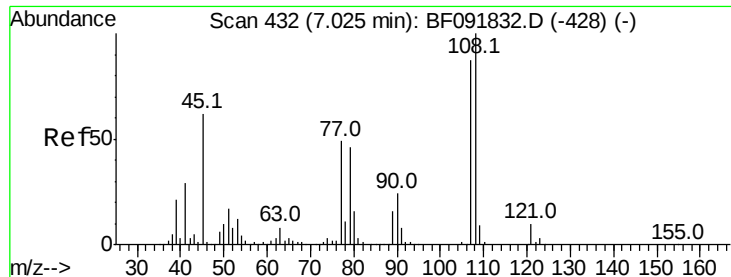
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.31 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.6
79	13.6	0.0	31.2





#17

2-Methylphenol

Concen: 40.90 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

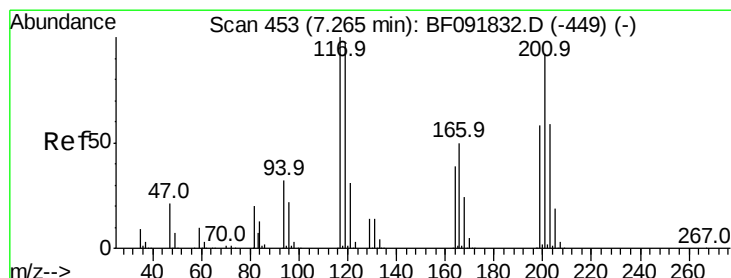
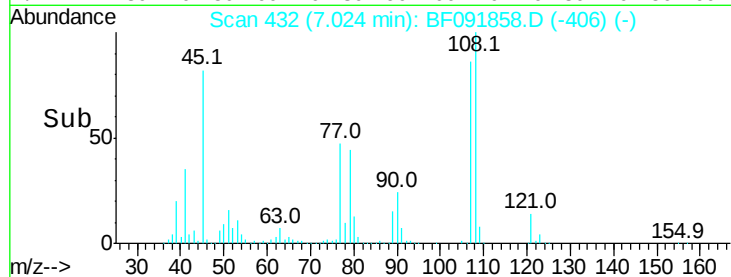
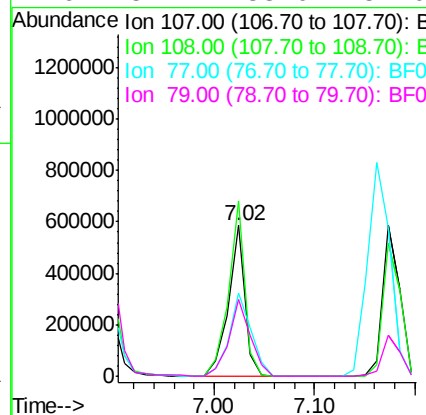
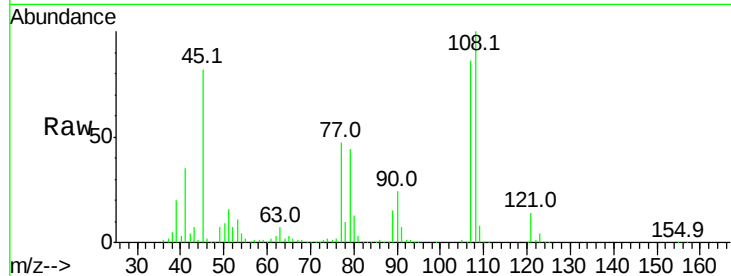
ClientSampleId :

MW-101MSD

Tot Ion:	107	Resp:	667201
Ion Ratio	Lower	Upper	
107	100		
108	116.0	93.0	139.6
77	55.0	39.8	59.8
79	51.2	38.0	57.0

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#18

Hexachloroethane

Concen: 47.09 ng

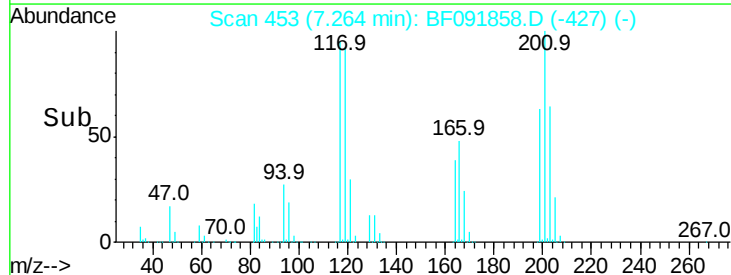
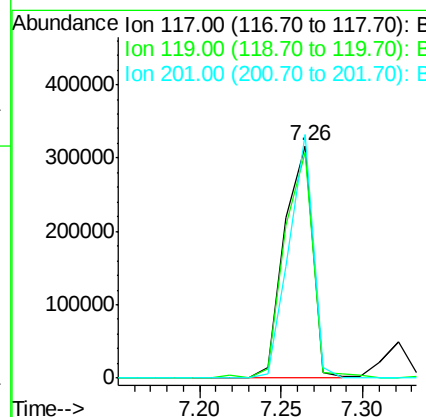
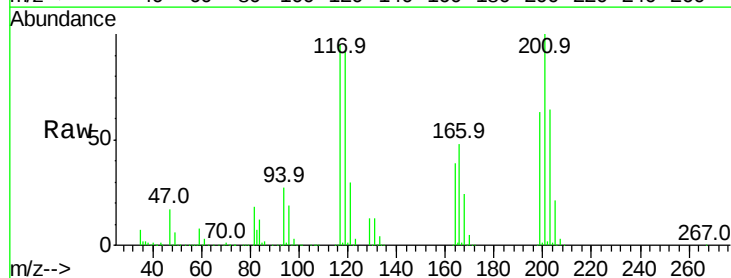
RT: 7.26 min Scan# 453

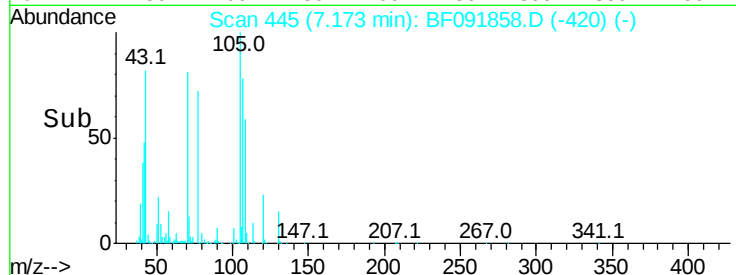
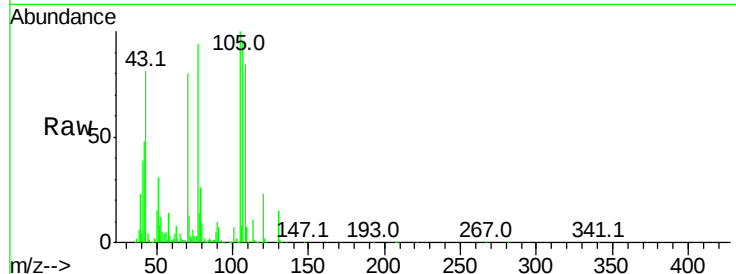
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	117	Resp:	384807
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.1	117.1
201	104.9	78.6	117.8





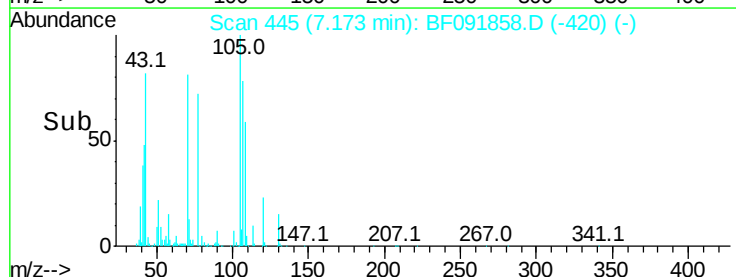
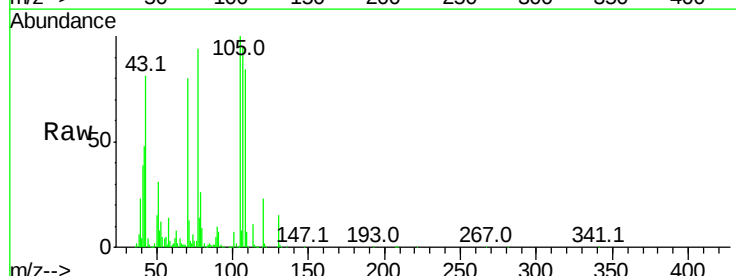
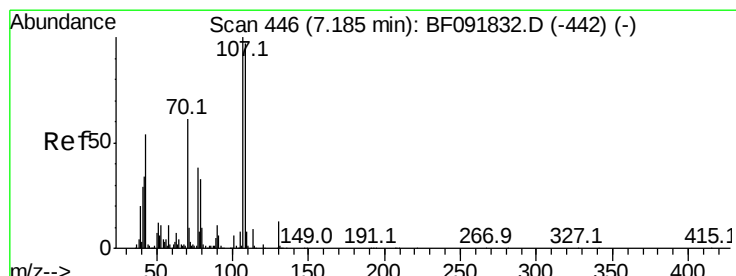
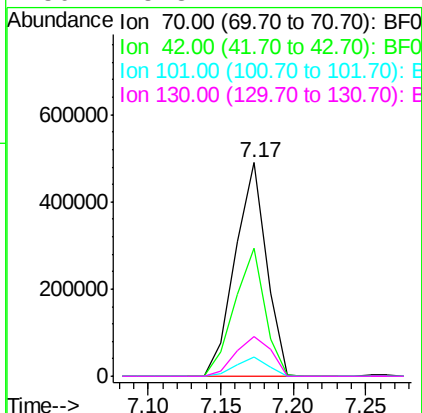
#19
n-Nitroso-di-n-propylamine
Concen: 50.74 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	49.4	74.0
101	8.8	7.4	11.2
130	18.3	14.2	21.4

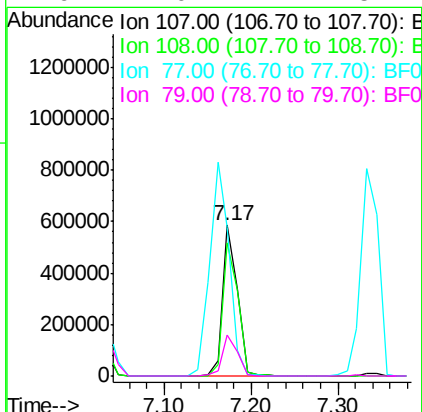
Manual Integrations
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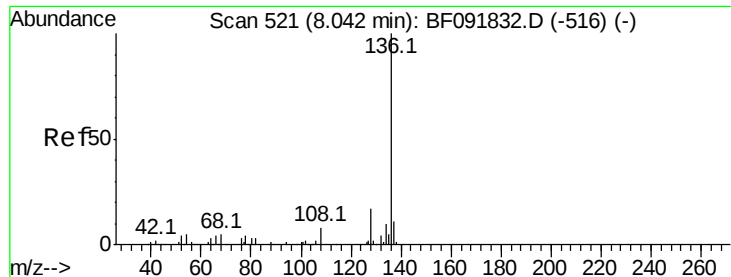
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#20
3+4-Methylphenols
Concen: 35.75 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.0	113.0
77	98.4	71.3	111.3
79	27.0	11.1	51.1





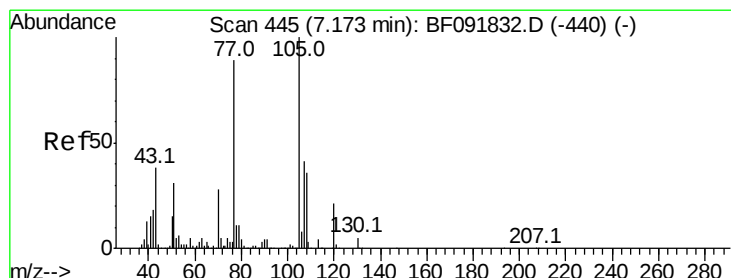
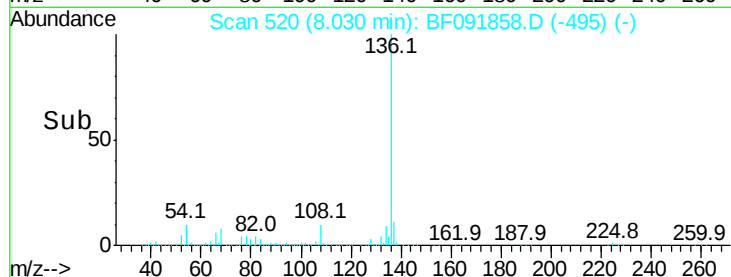
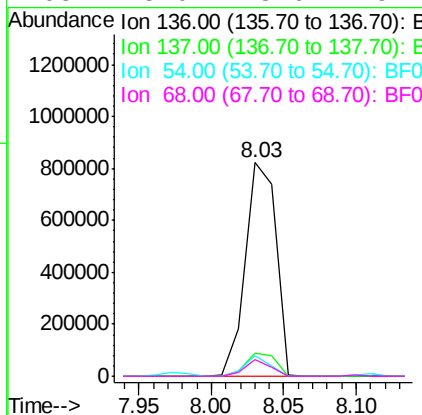
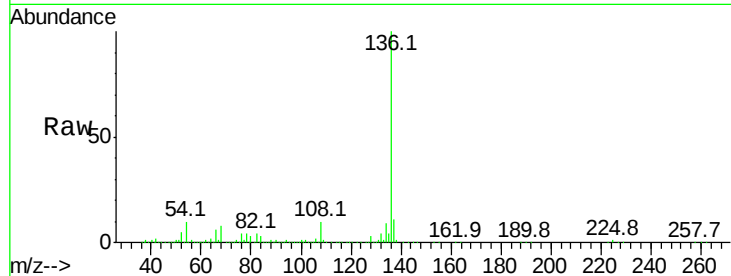
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	4.5	6.7#
68	8.0	3.6	5.4#

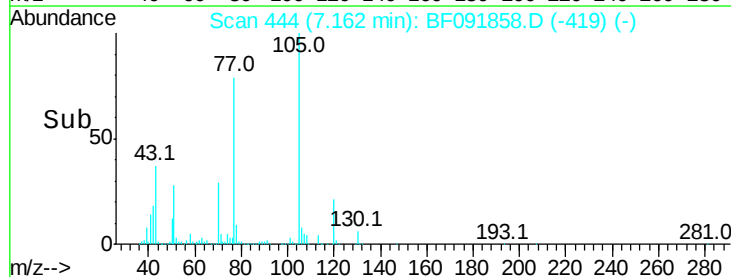
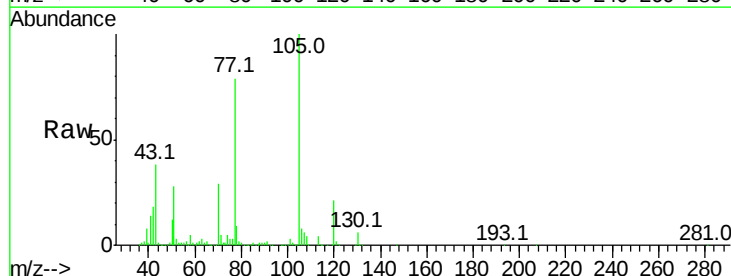
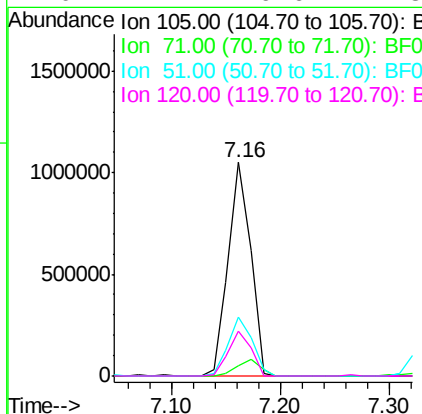
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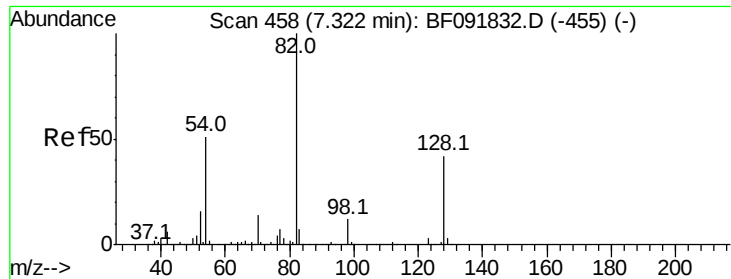
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#22
Acetophenone
Concen: 50.07 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.2	4.8#
51	27.8	26.2	39.4
120	21.2	16.6	24.8





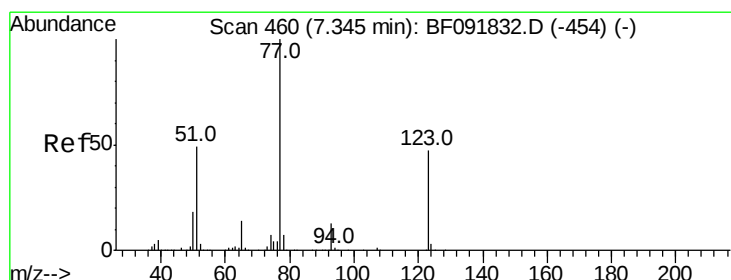
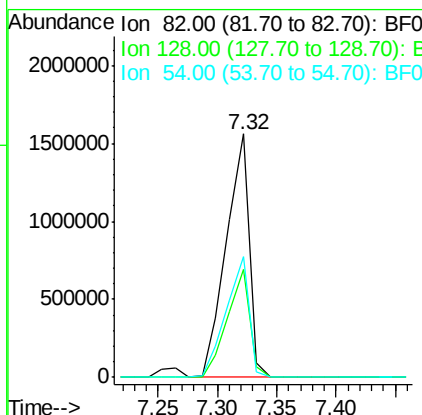
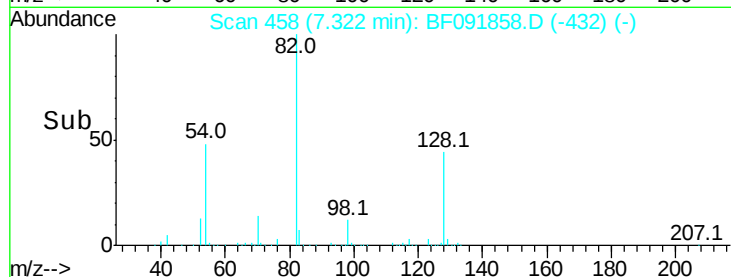
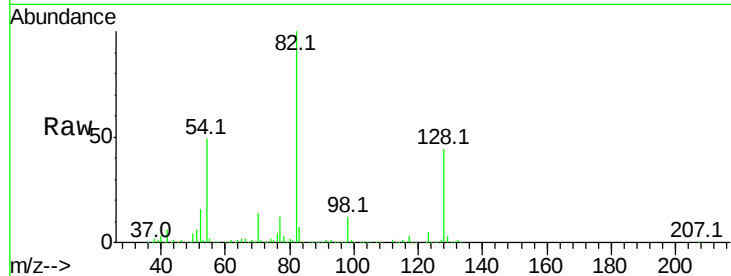
#23
 Nitrobenzene-d5
 Concen: 96.54 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	82	Resp	2098030
Ion Ratio	100	Lower	Upper
128	44.1	34.6	52.0
54	49.3	39.5	59.3

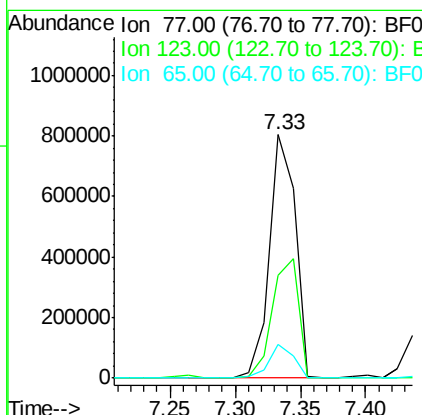
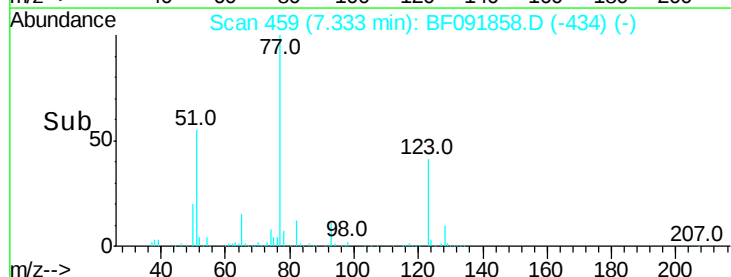
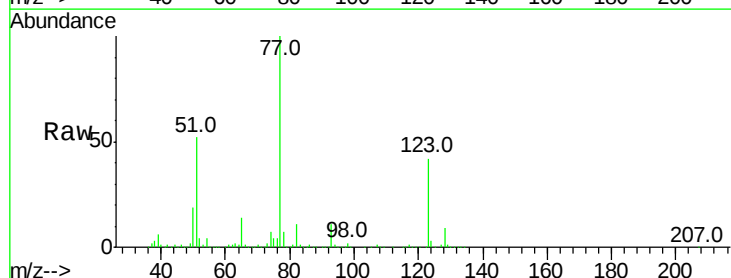
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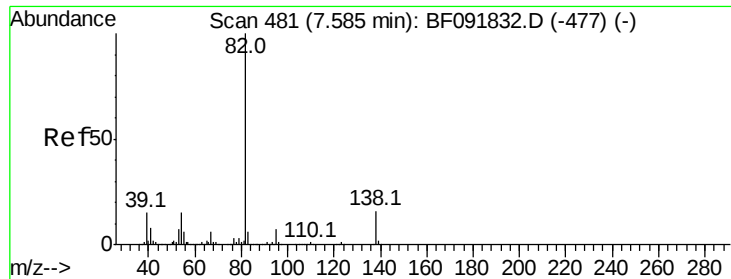
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#24
 Nitrobenzene
 Concen: 48.52 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	77	Resp	1123005
Ion Ratio	100	Lower	Upper
123	42.0	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 54.72 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion: 82 Resp: 2193858

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

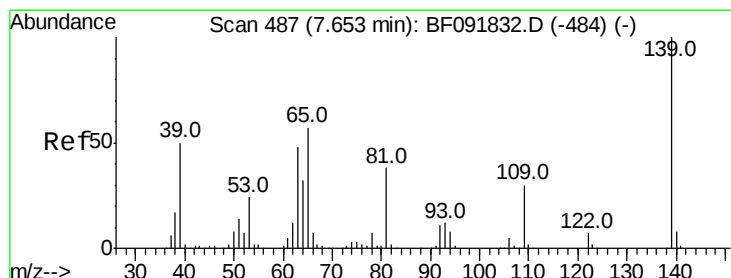
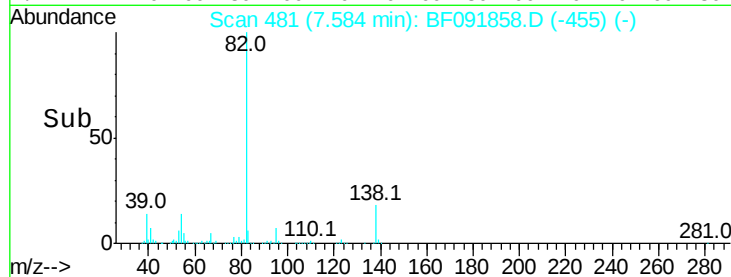
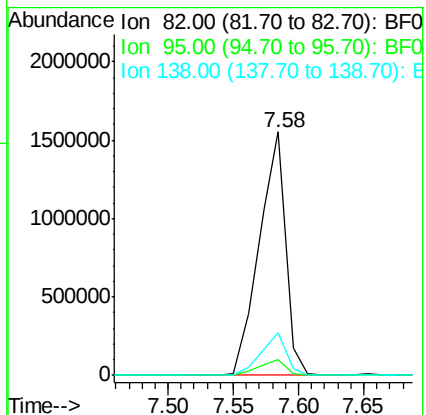
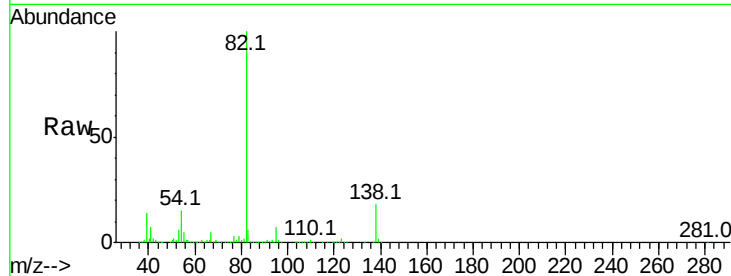
138 17.7 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.64 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

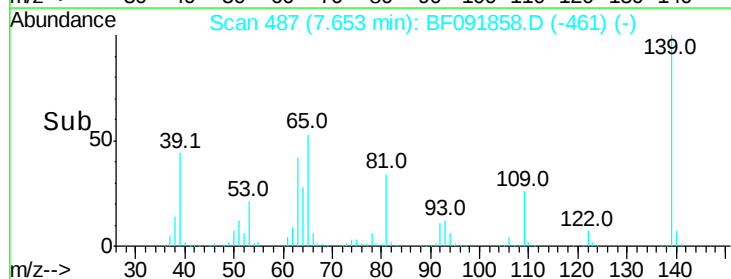
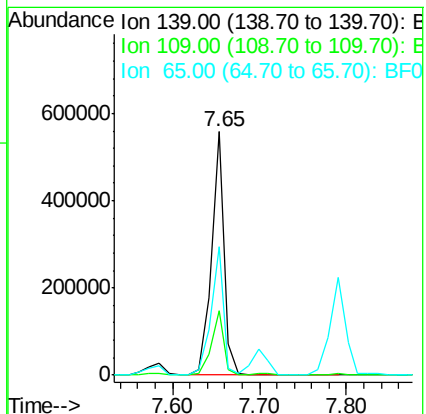
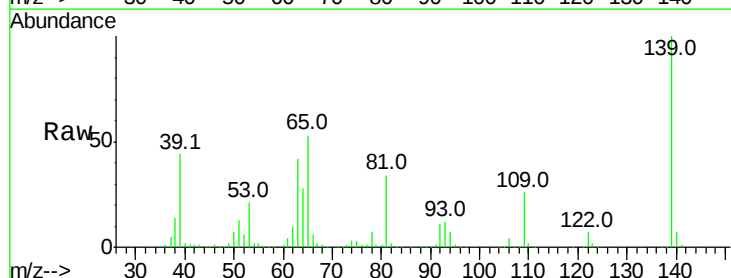
Tgt Ion: 139 Resp: 566636

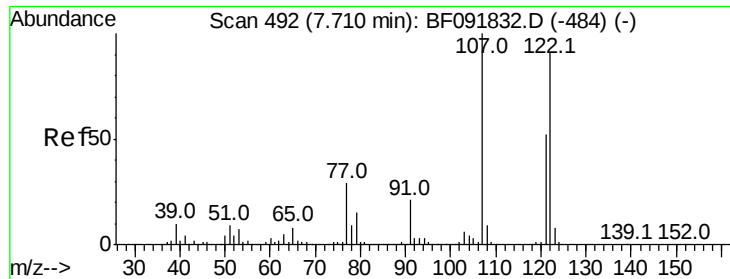
Ion Ratio Lower Upper

139 100

109 26.3 23.3 34.9

65 53.0 42.7 64.1





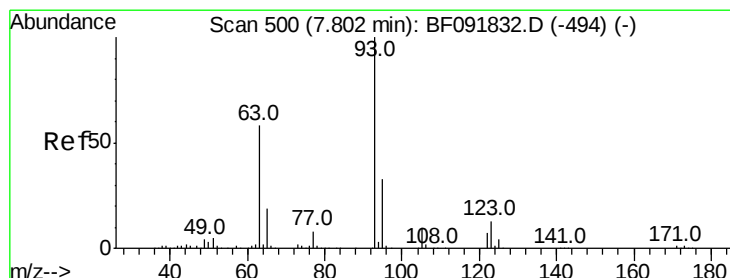
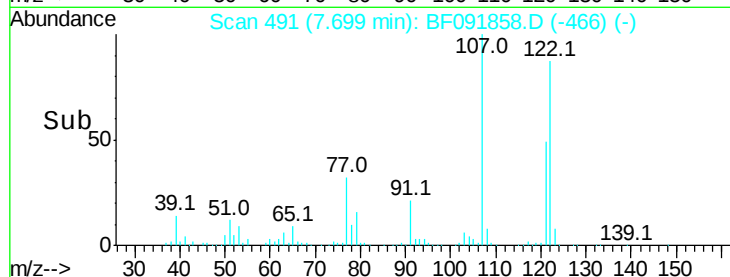
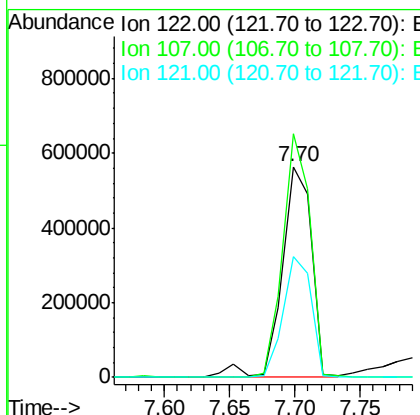
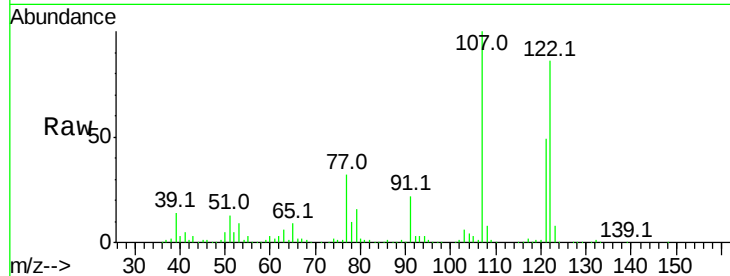
#27
2,4-Dimethylphenol
Concen: 47.65 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	94.1	141.1
121	57.1	46.0	69.0

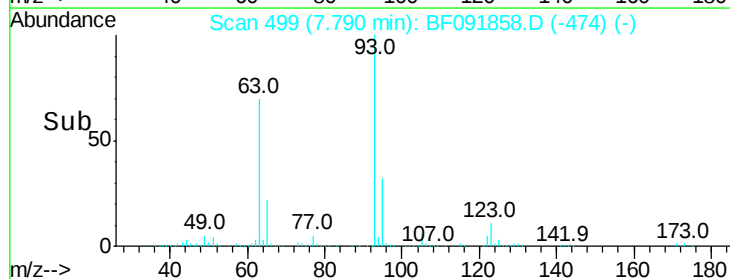
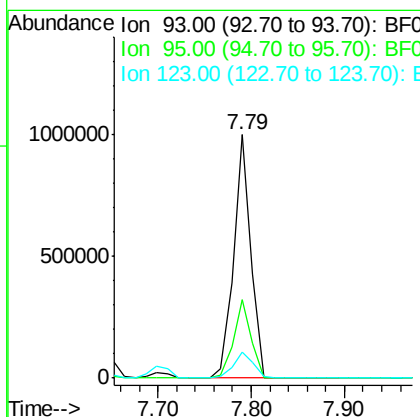
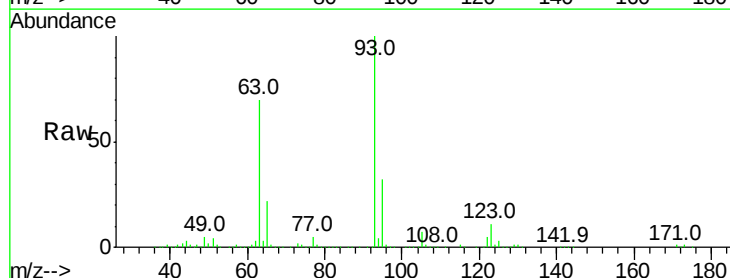
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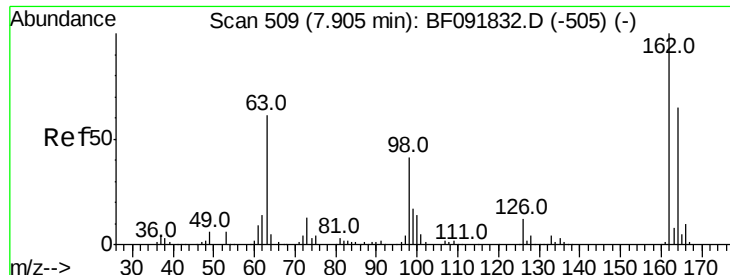
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#28
bis(2-Chloroethoxy)methane
Concen: 52.64 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.7	8.6	13.0





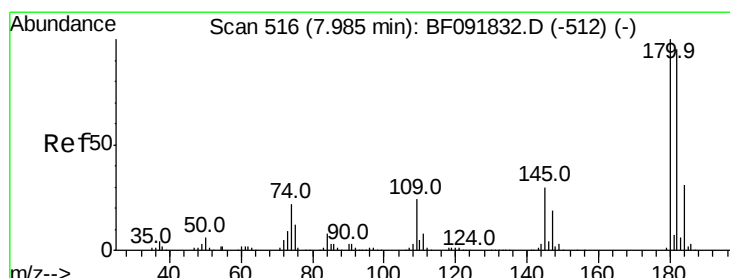
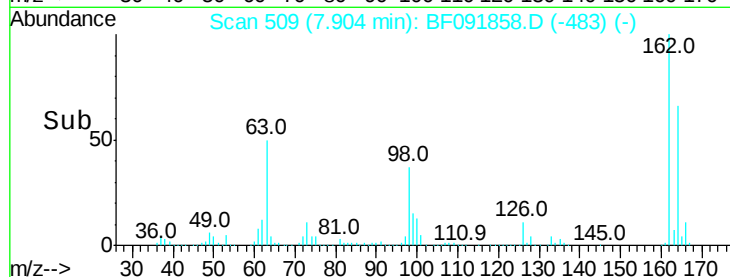
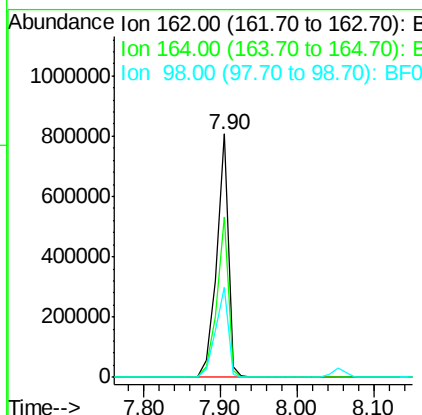
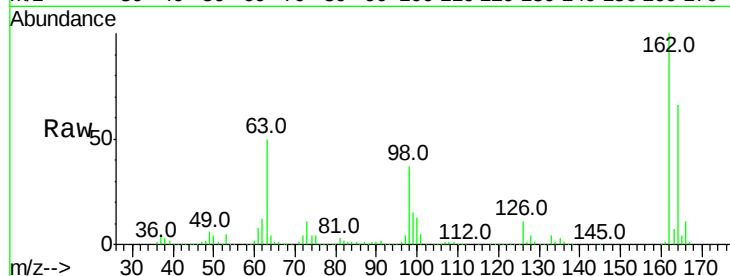
#29
 2,4-Dichlorophenol
 Concen: 52.76 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.7	46.8	86.8	
98	37.2	9.1	49.1	

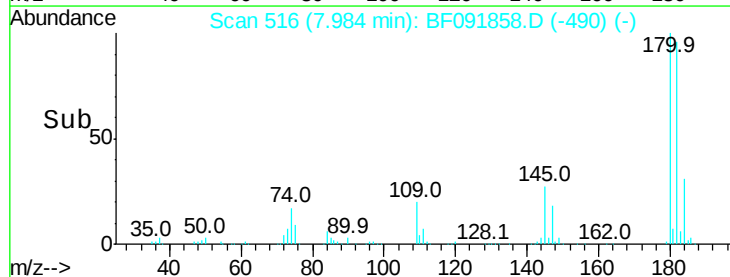
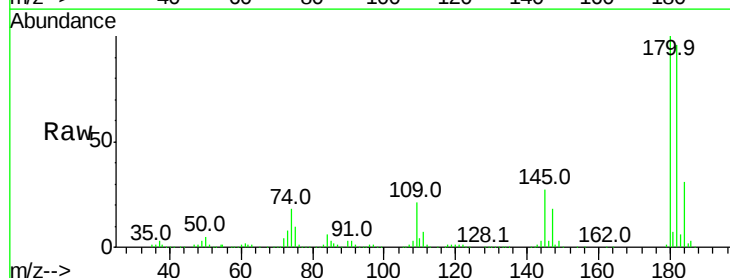
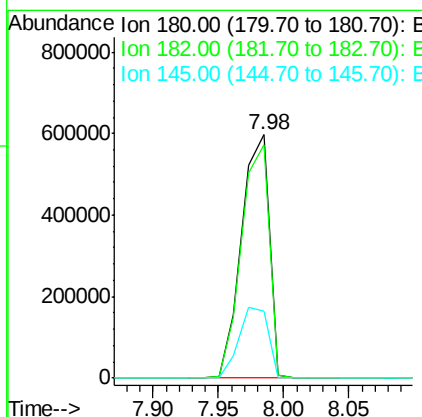
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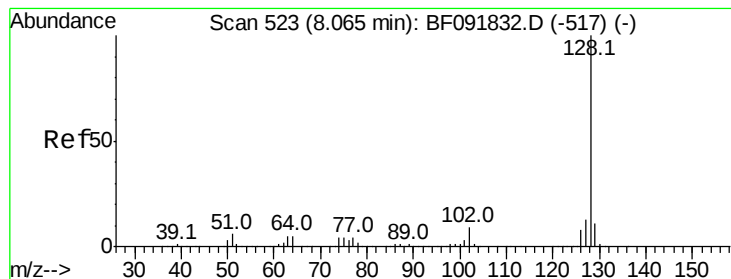
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.21 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	78.2	117.4	
145	27.3	21.6	32.4	





#31

Naphthalene

Concen: 51.29 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:128 Resp: 2836925

Ion Ratio Lower Upper

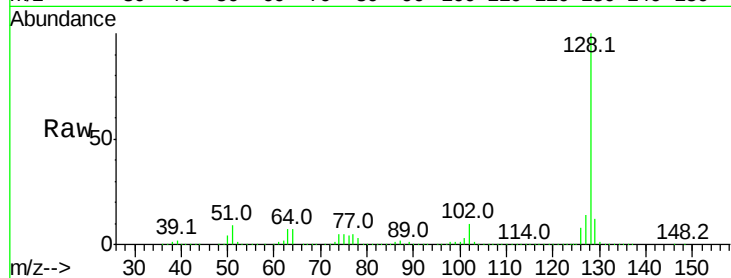
128 100

129 12.0 9.5 14.3

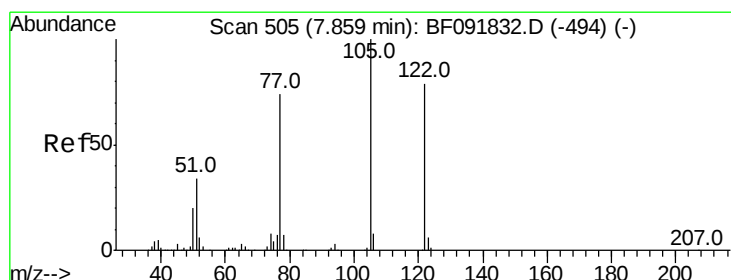
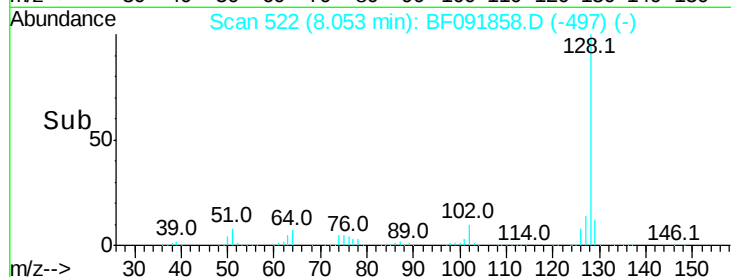
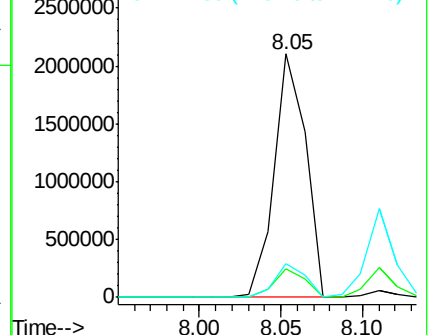
127 13.6 10.8 16.2

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



#32

Benzoic acid

Concen: 16.07 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

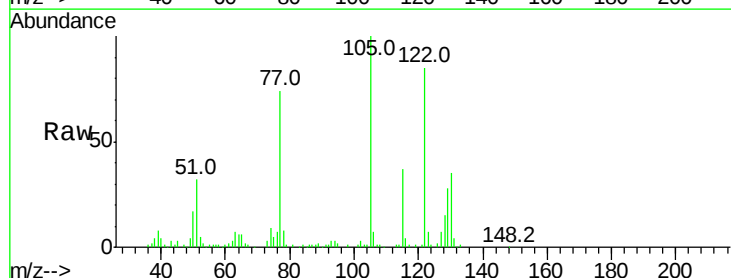
Tgt Ion:122 Resp: 225608

Ion Ratio Lower Upper

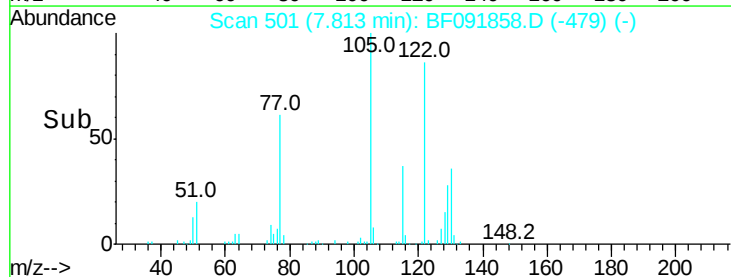
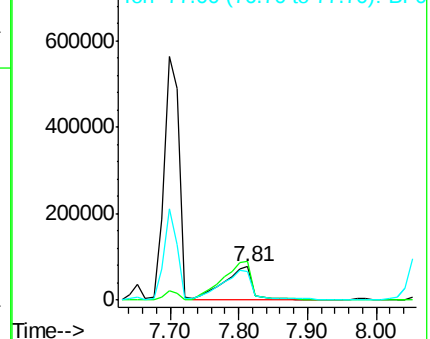
122 100

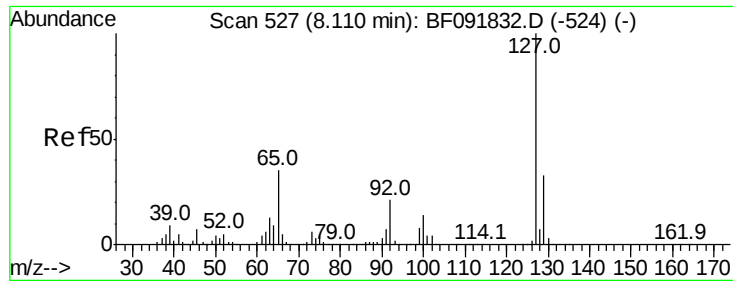
105 117.8 107.2 147.2

77 86.8 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





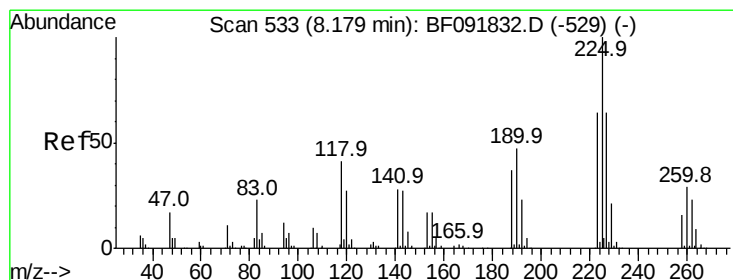
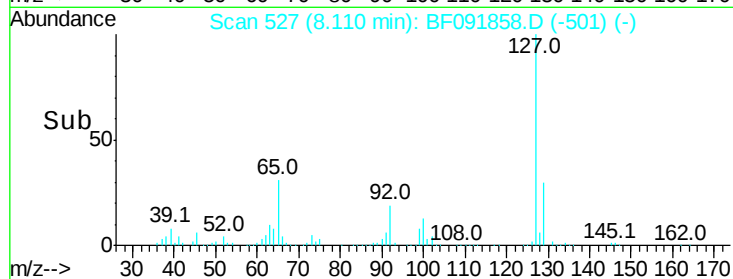
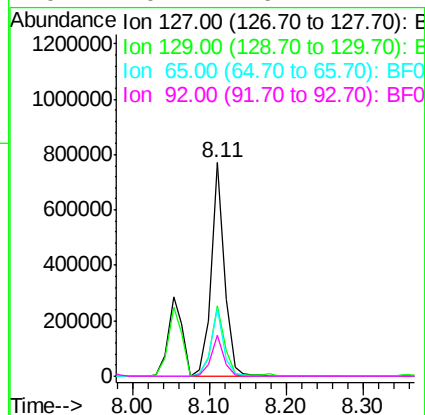
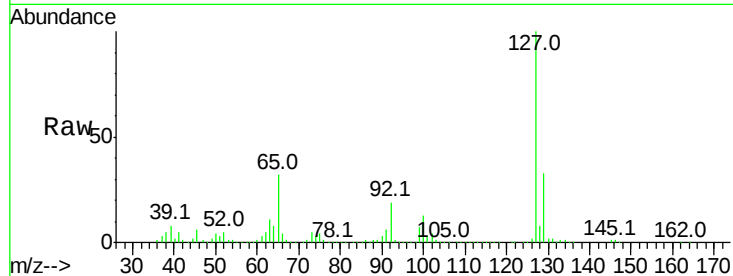
#33
4-Chloroaniline
Concen: 36.46 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.3	39.5		
65	31.9	25.8	38.8		
92	19.4	16.1	24.1		

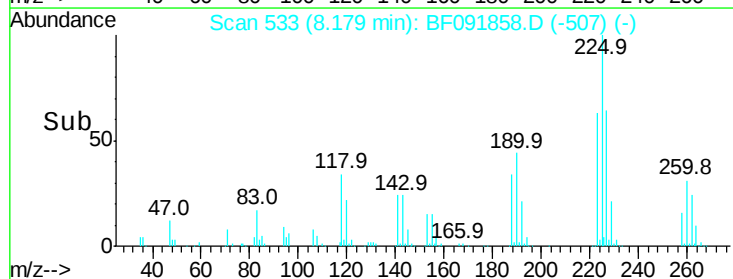
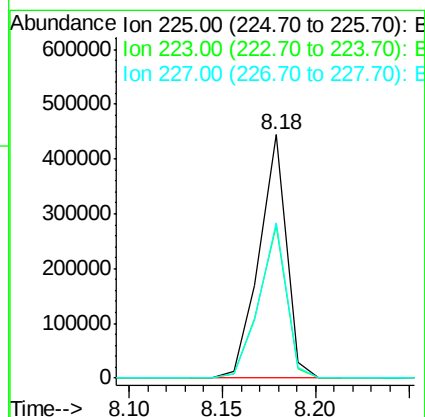
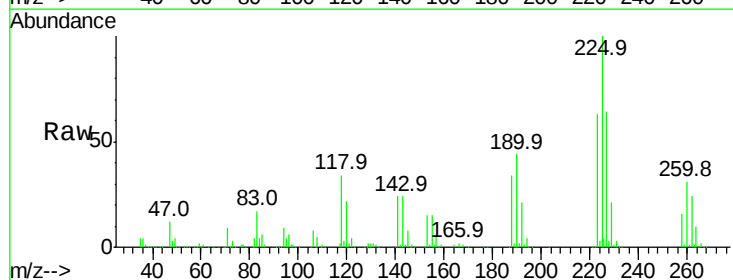
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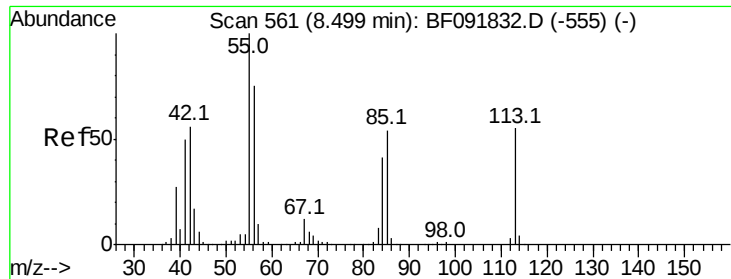
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#34
Hexachlorobutadiene
Concen: 48.40 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.6		
227	63.7	50.6	76.0		





#35

Caprolactam

Concen: 9.42 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:113 Resp: 49642

Ion Ratio Lower Upper

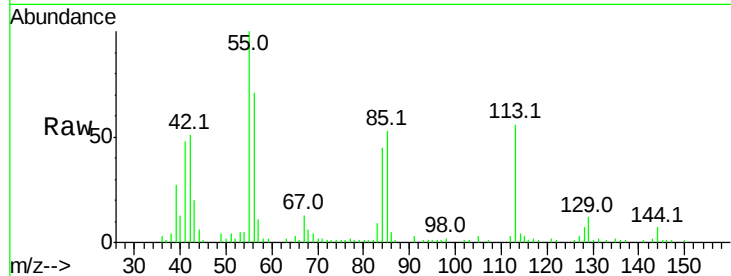
113 100

55 177.3 119.2 159.2#

56 125.9 83.8 123.8#

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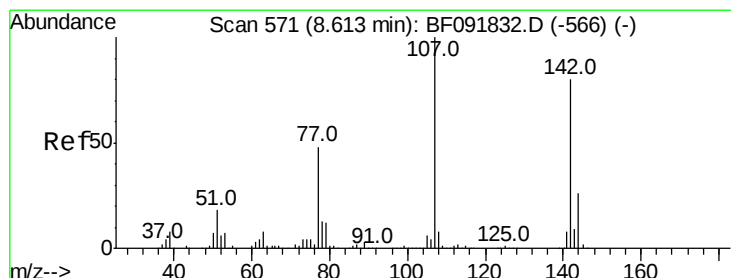
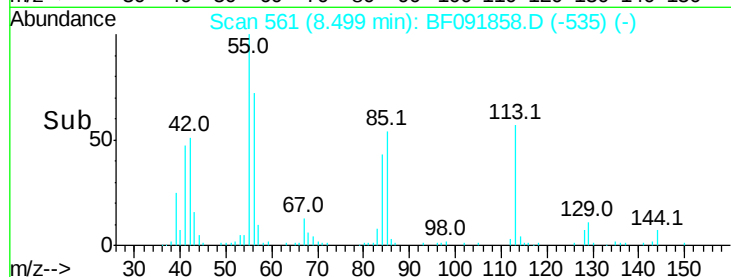
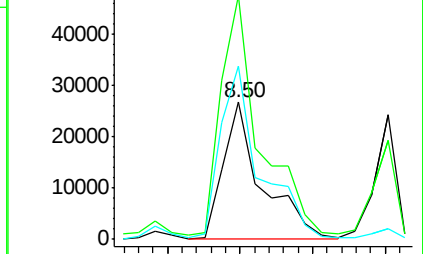
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.34 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

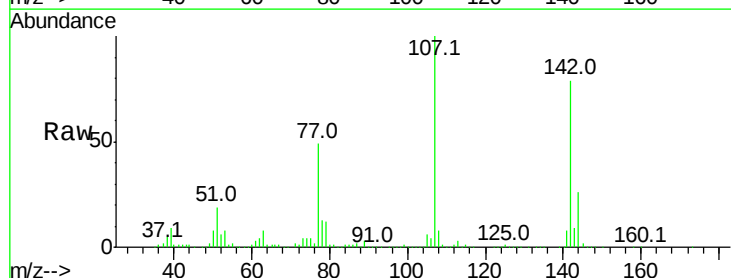
Tgt Ion:107 Resp: 891717

Ion Ratio Lower Upper

107 100

144 25.8 19.3 28.9

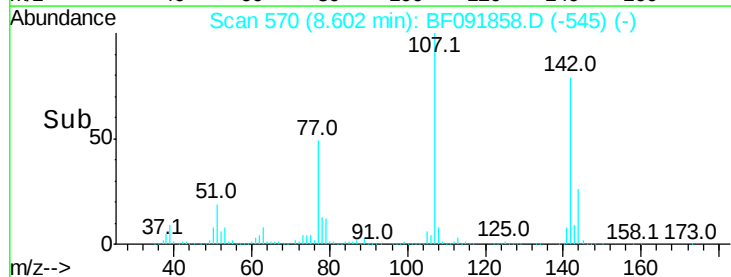
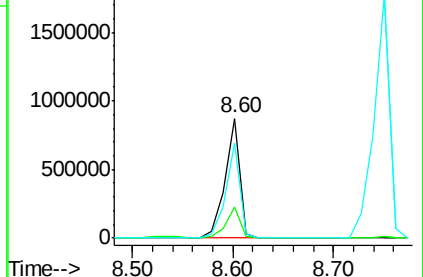
142 79.3 59.0 88.6

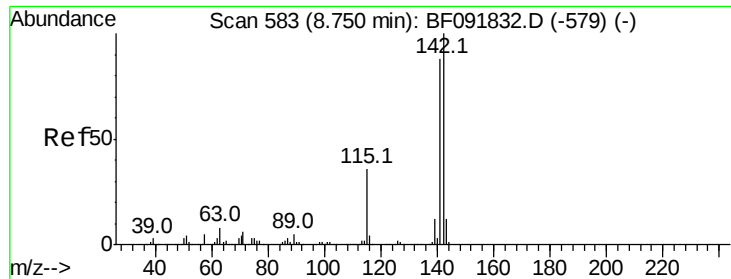


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 72.10 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:142 Resp: 1896715

Ion Ratio Lower Upper

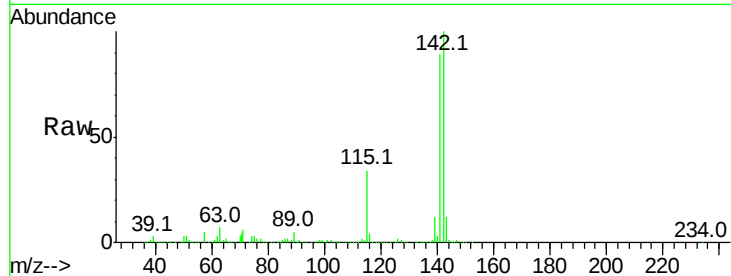
142 100

141 88.5 71.0 106.6

115 34.0 28.3 42.5

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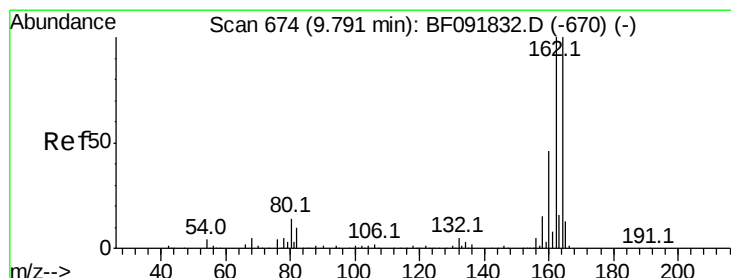
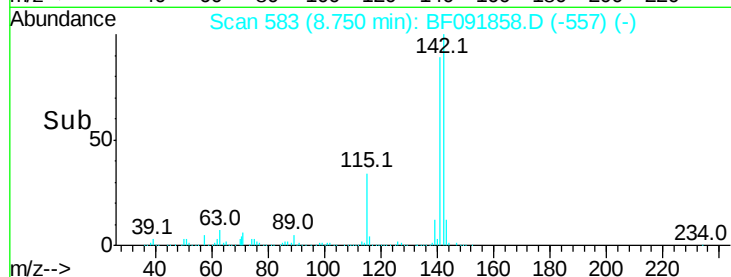
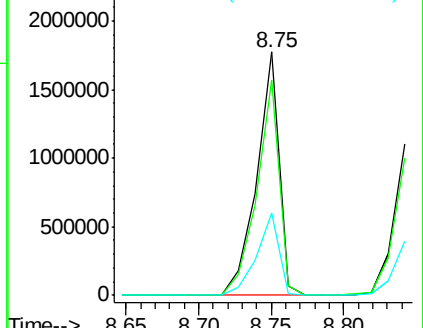
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Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

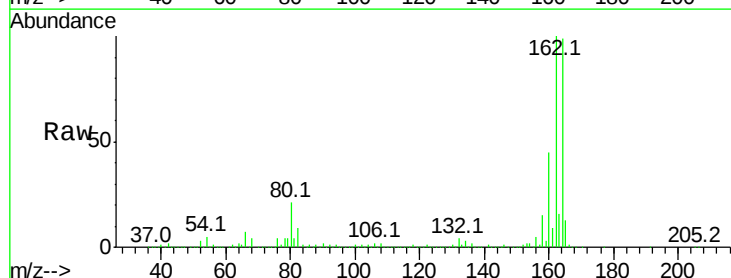
Tgt Ion:164 Resp: 667210

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

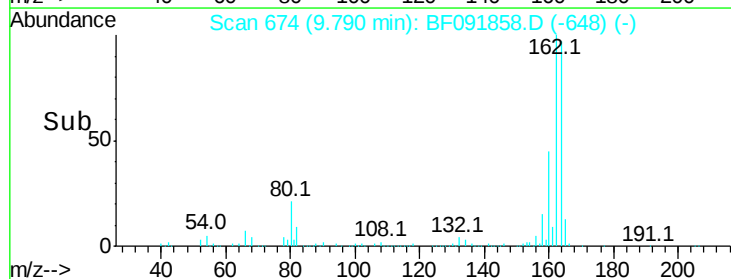
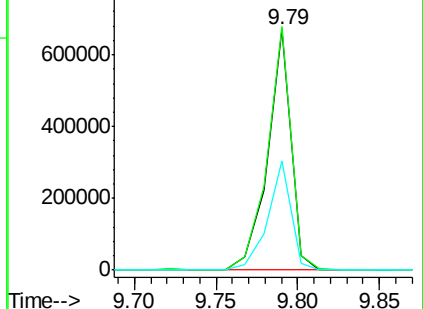
160 45.5 36.9 55.3

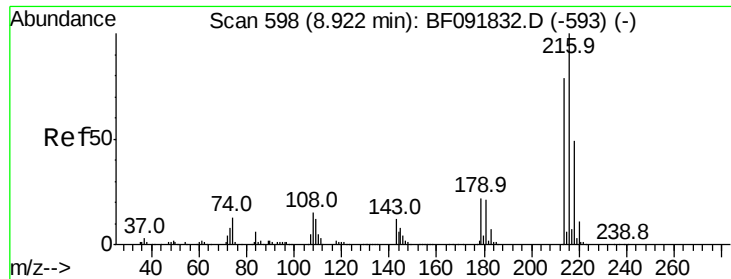


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





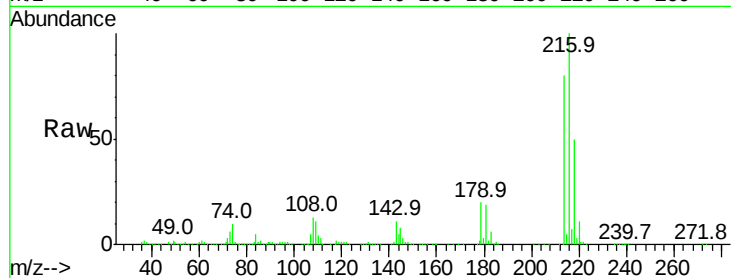
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.39 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

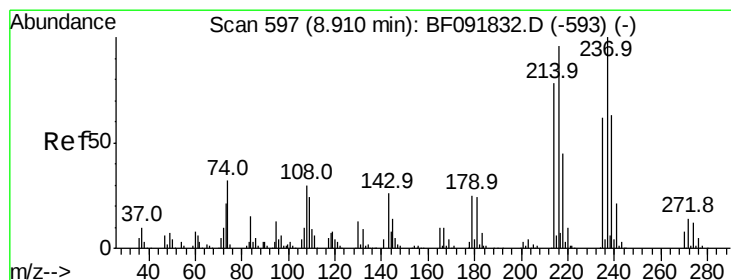
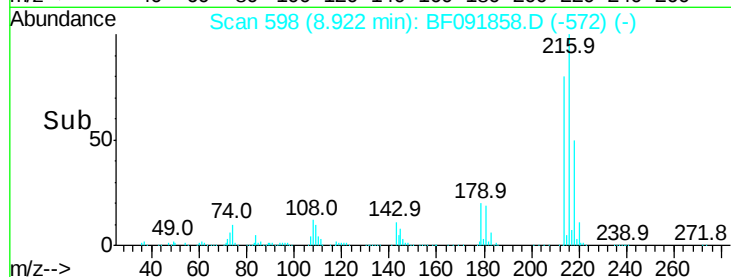
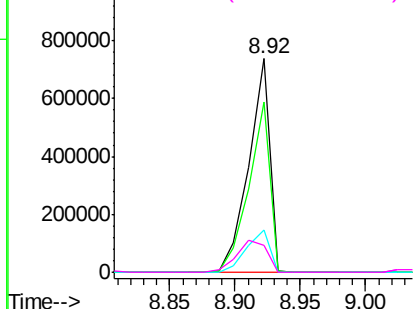
Tot Ion	Ratio	Resp	Lower	Upper
216	100	832560		
214	79.9	63.4	95.0	
179	21.6	17.4	26.2	
108	21.3	15.6	23.4	

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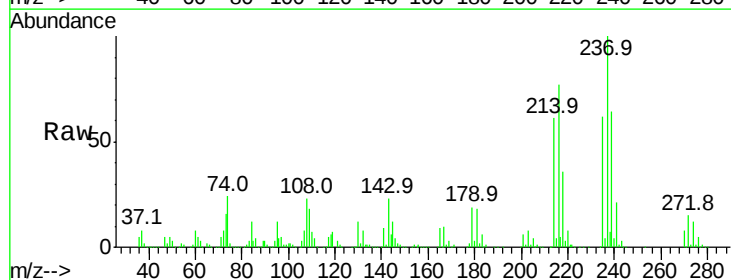


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

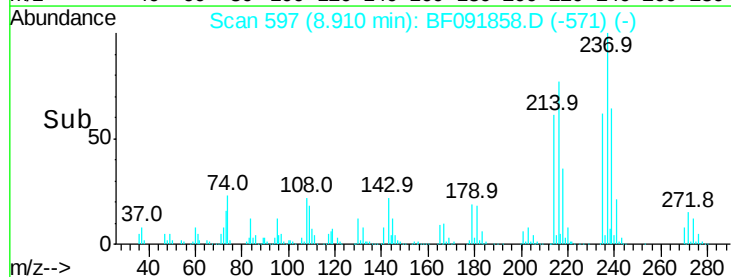
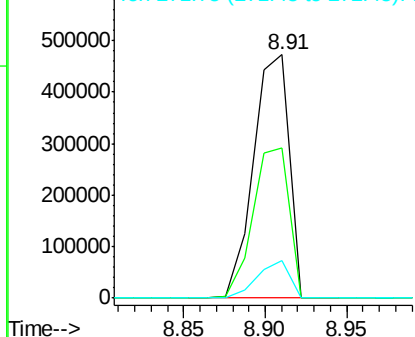


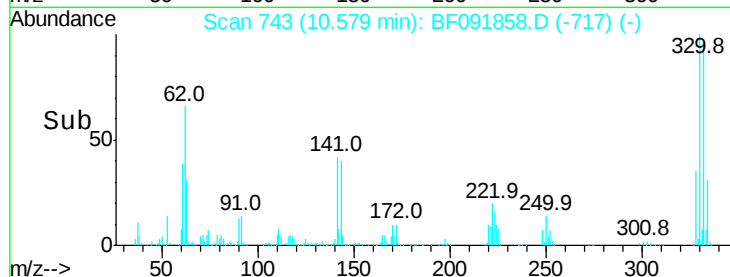
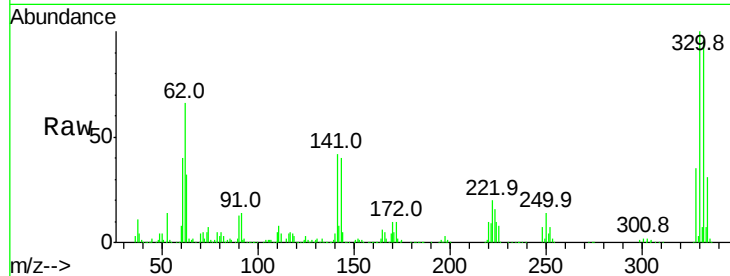
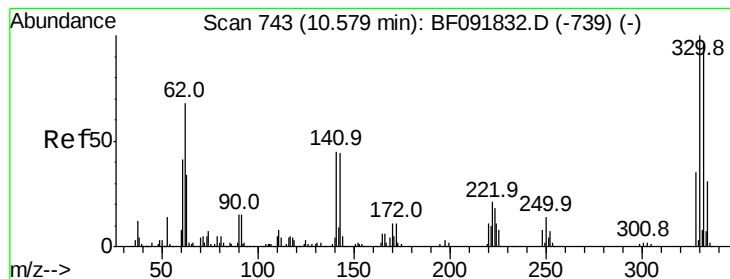
#40
Hexachlorocyclopentadiene
Concen: 94.90 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	718289		
235	61.5	41.2	81.2	
272	15.3	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: 126.53 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tot Ion:	330	Resp:	698642
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.2
141	35.3	34.1	51.1

Instrument :

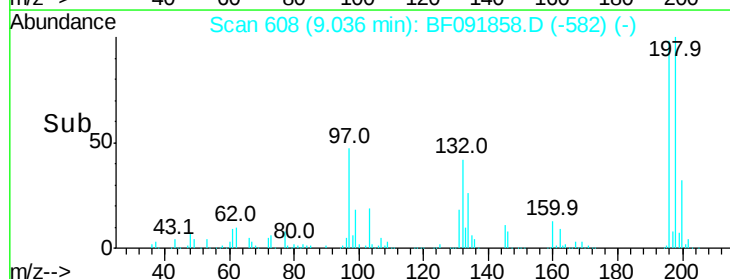
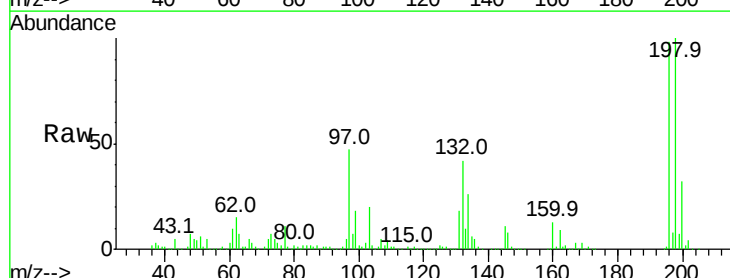
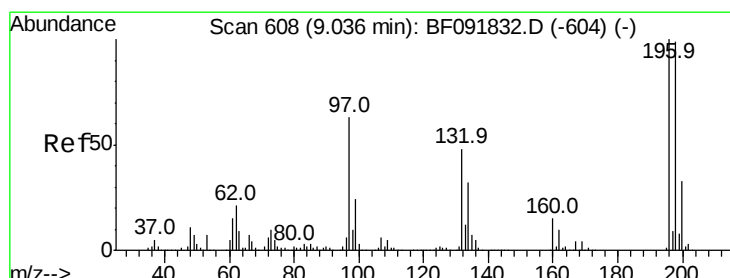
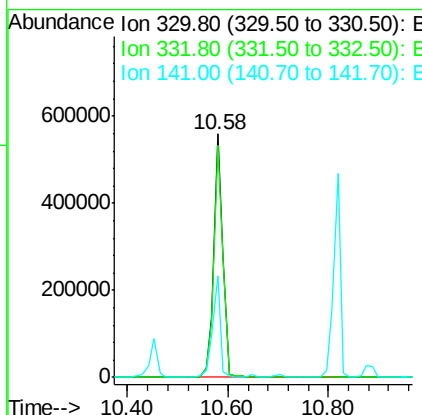
BNA_F

ClientSampleId :

MW-101MSD

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#42

2,4,6-Trichlorophenol

Concen: 50.71 ng

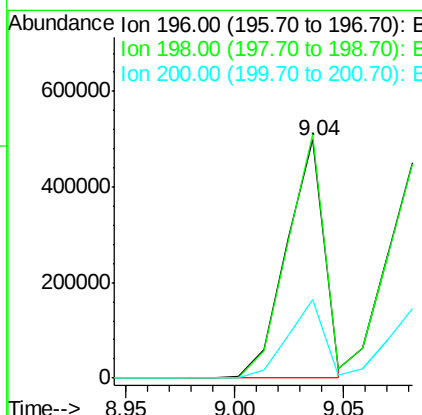
RT: 9.04 min Scan# 608

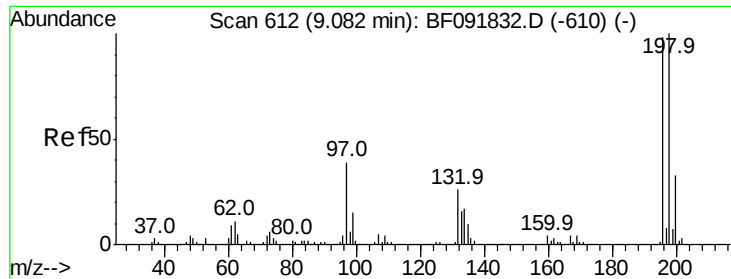
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	196	Resp:	597866
Ion Ratio	Lower	Upper	
196	100		
198	102.2	82.1	123.1
200	33.1	27.0	40.4





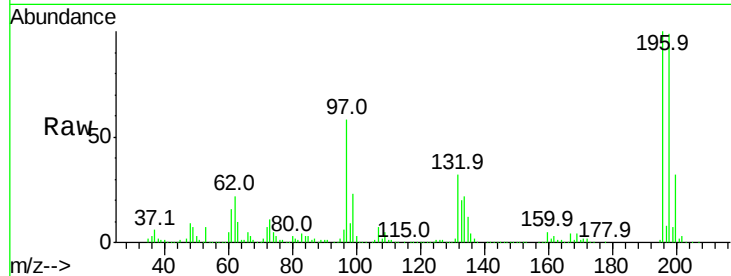
#43
2,4,5-Trichlorophenol
Concen: 48.98 ng/ml
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

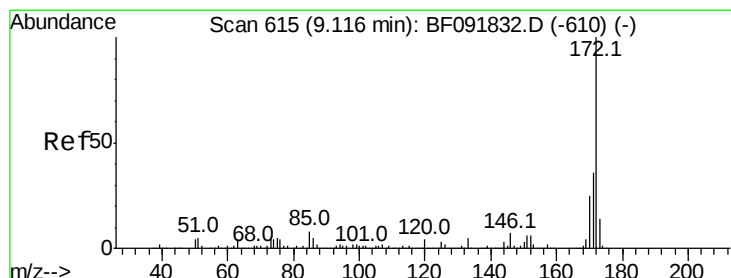
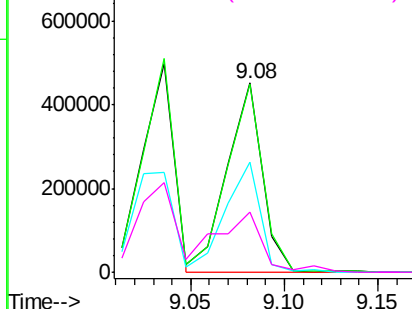
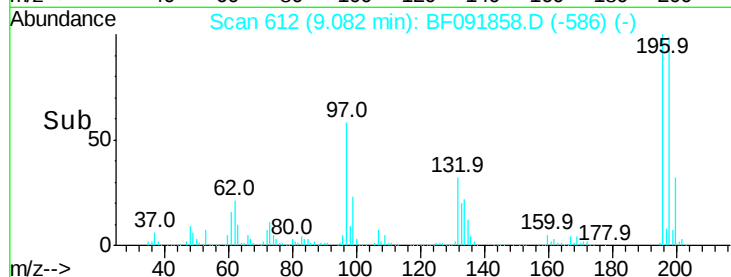
Tot Ion	Ratio	Resp	Lower	Upper
196	100	594238		
198	99.1	79.4	119.2	
97	58.1	51.5	77.3	
132	32.1	27.4	41.2	

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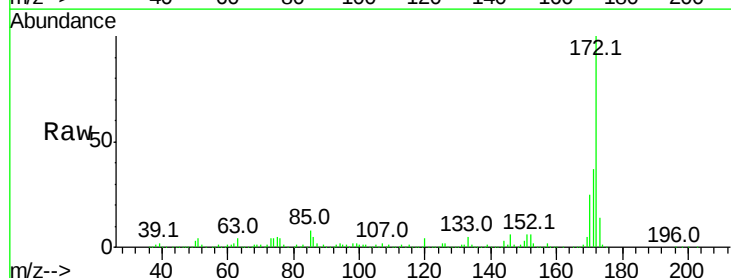


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

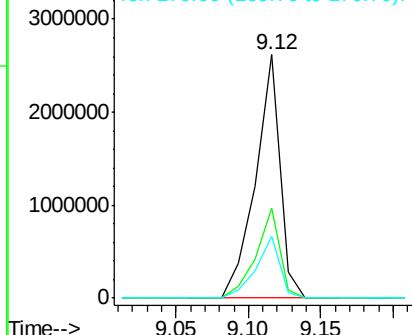
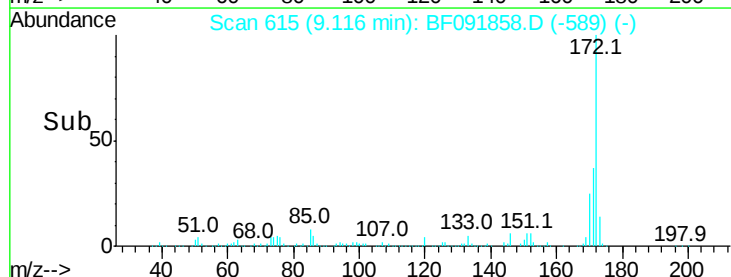


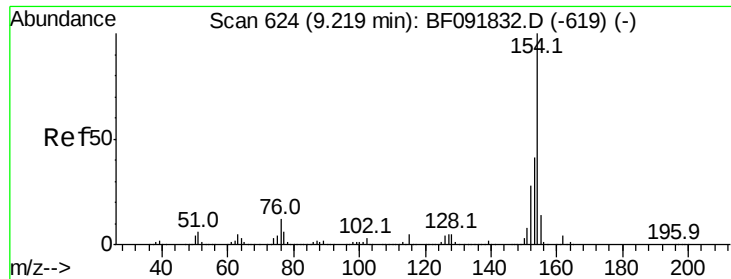
#44
2-Fluorobiphenyl
Concen: 96.43 ng/ml
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3083755		
171	37.2	29.4	44.0	
170	25.3	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: 54.77 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:154 Resp: 2501953

Ion Ratio Lower Upper

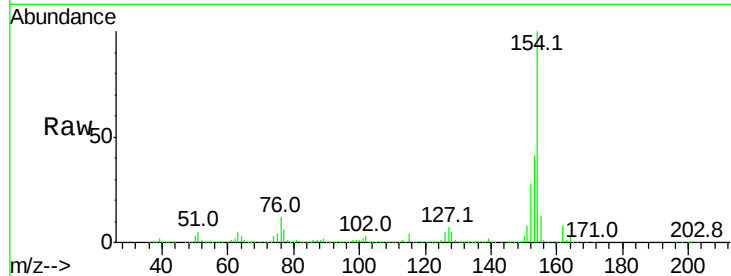
154 100

153 41.0 20.9 60.9

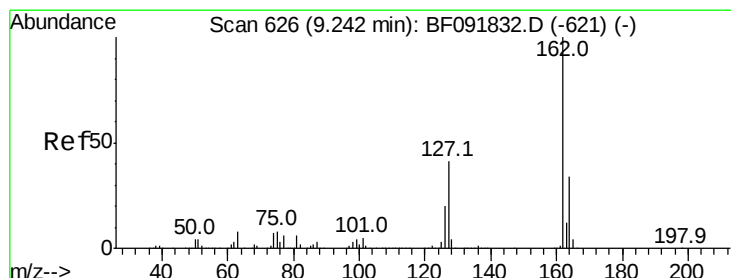
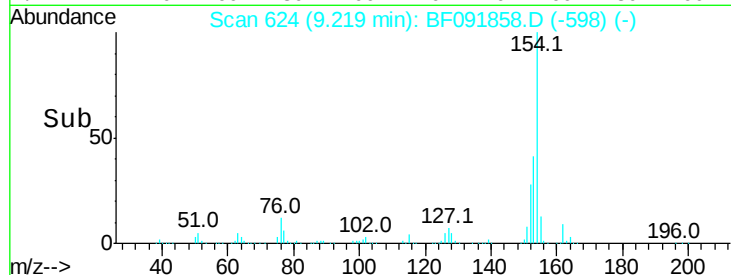
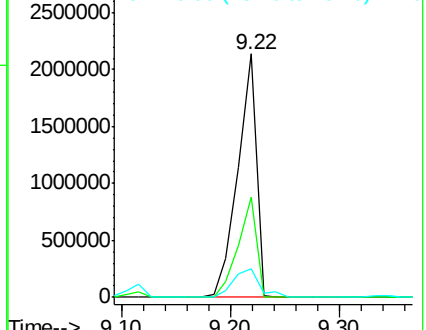
76 11.8 0.0 30.5

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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: 51.51 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

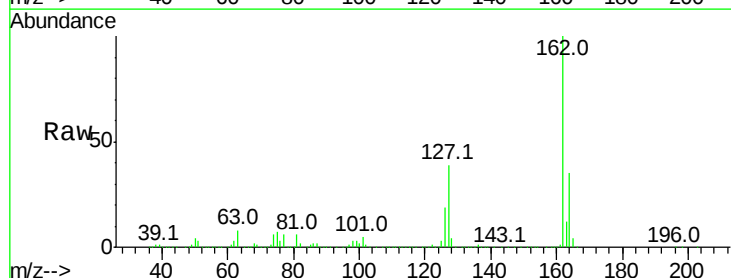
Tgt Ion:162 Resp: 1863606

Ion Ratio Lower Upper

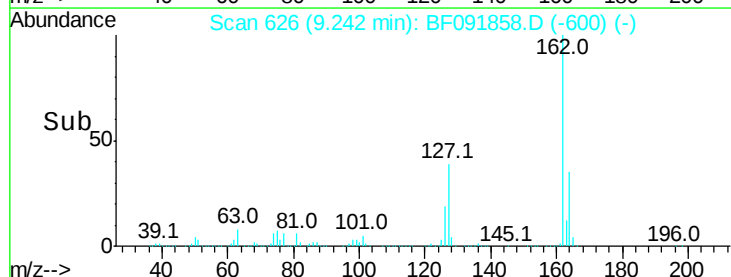
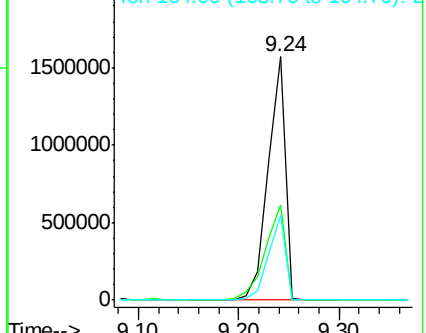
162 100

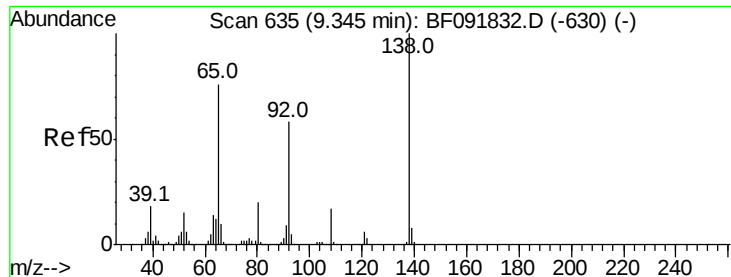
127 39.1 30.7 46.1

164 34.7 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: 51.38 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

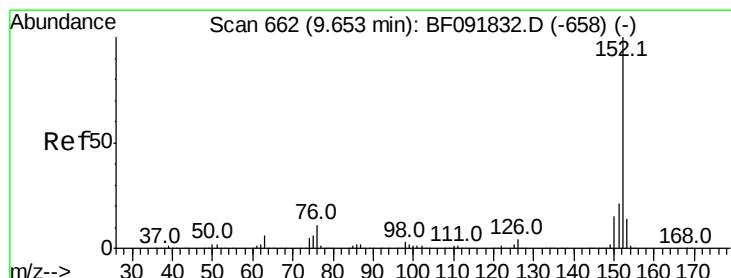
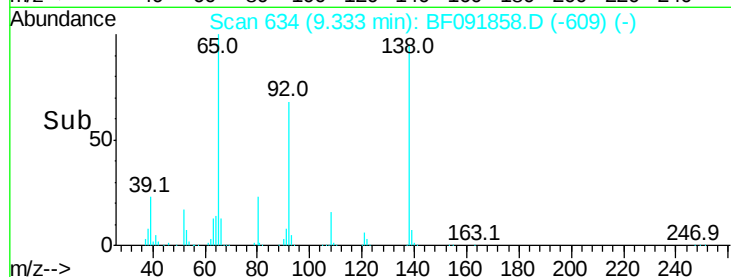
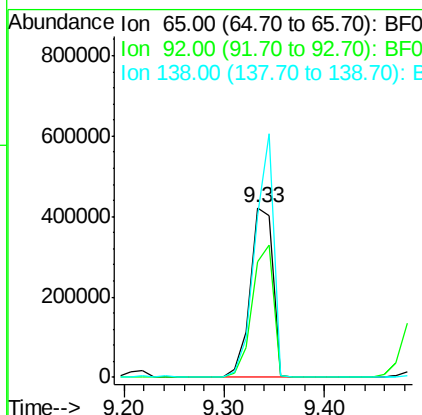
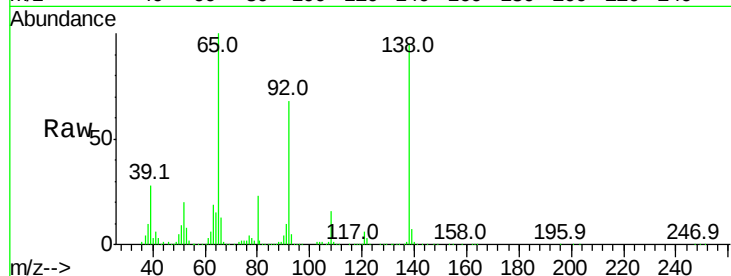
ClientSampleId :

MW-101MSD

Tot Ion:	65	Resp:	661830
Ion Ratio	Lower	Upper	
65	100		
92	68.1	53.9	80.9
138	95.2	76.8	115.2

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#48

Acenaphthylene

Concen: 49.47 ng

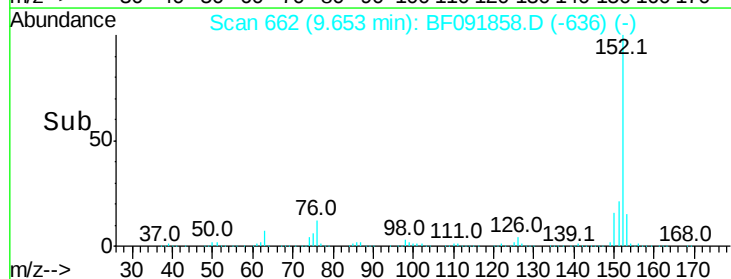
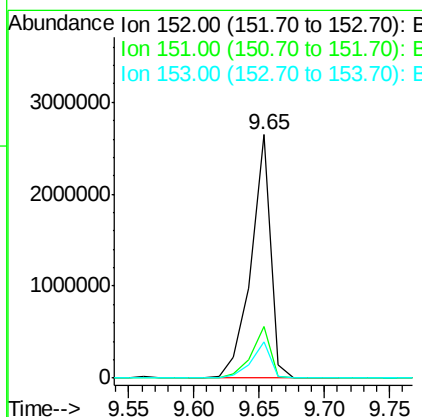
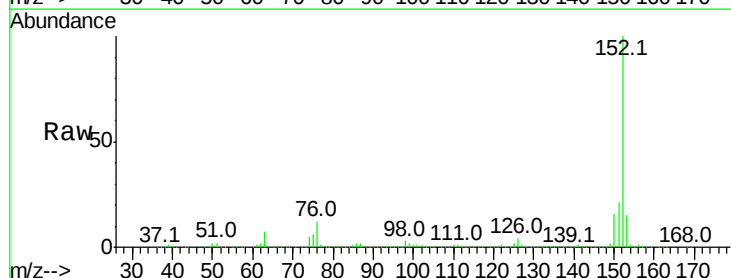
RT: 9.65 min Scan# 662

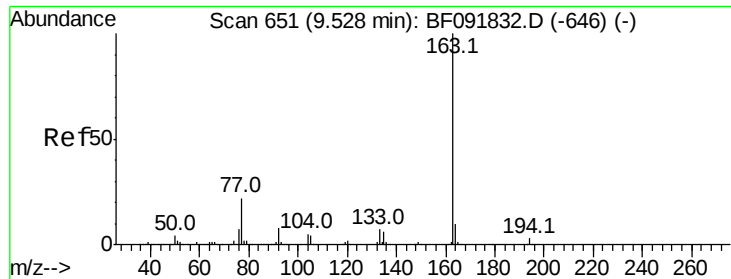
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	152	Resp:	2752687
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.9	25.3
153	14.8	11.4	17.2





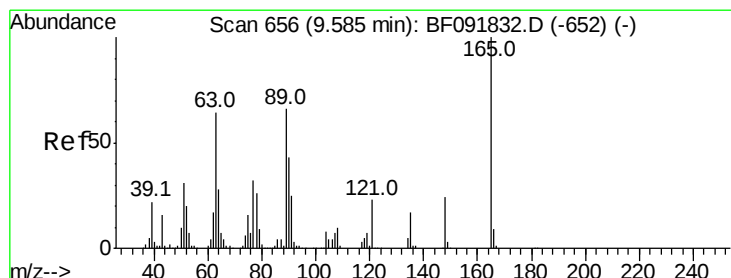
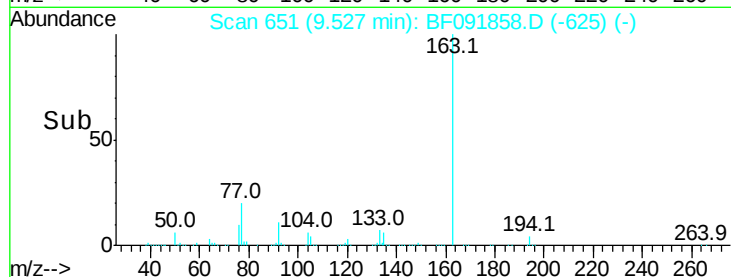
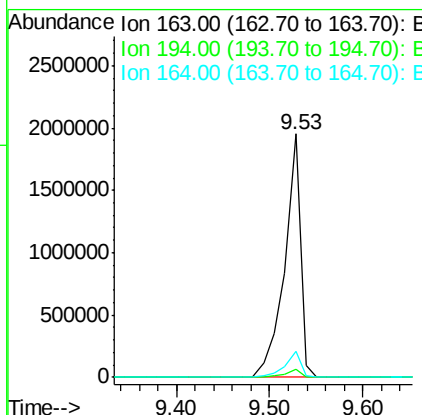
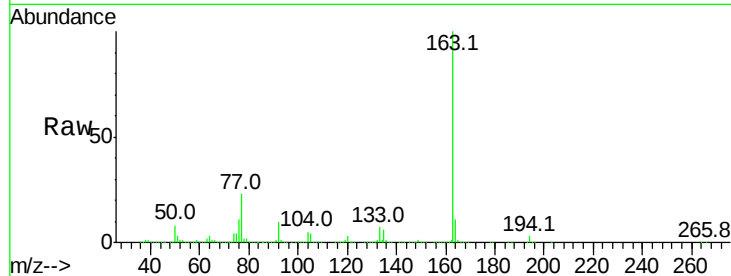
#49
Dimethylphthalate
Concen: 53.94 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.8	8.0	12.0

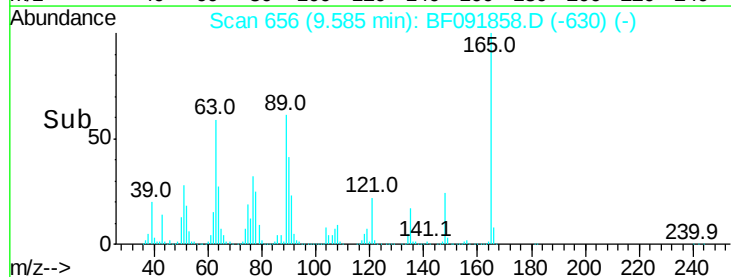
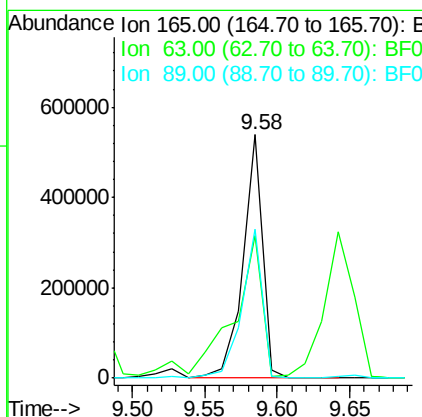
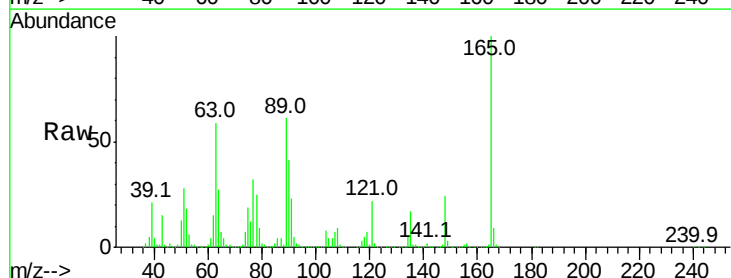
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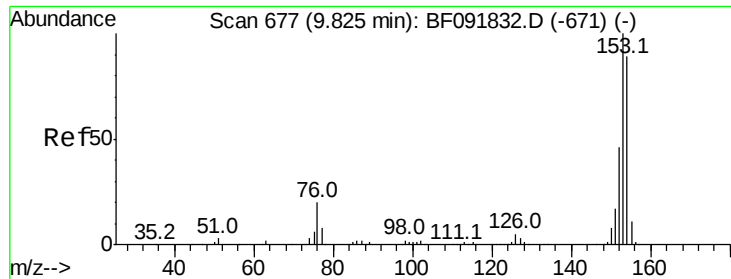
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#50
2,6-Dinitrotoluene
Concen: 53.81 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.7	36.2	54.4#
89	60.9	40.2	60.4#





#51

Acenaphthene

Concen: 52.80 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:154 Resp: 1991819

Ion Ratio Lower Upper

154 100

153 110.9 88.6 133.0

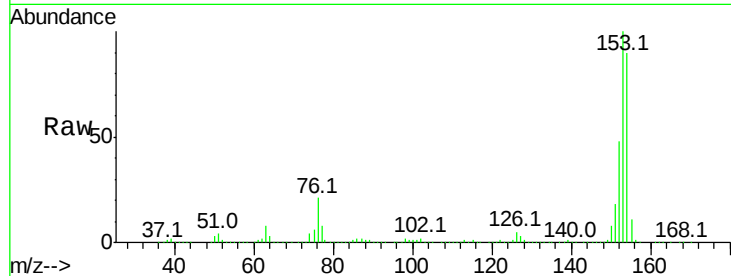
152 53.1 41.6 62.4

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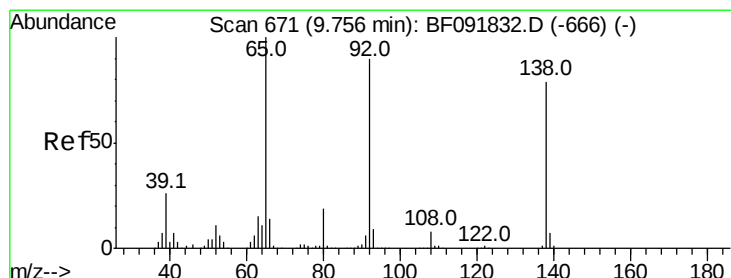
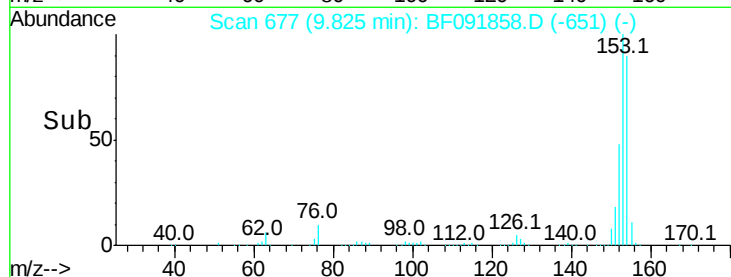
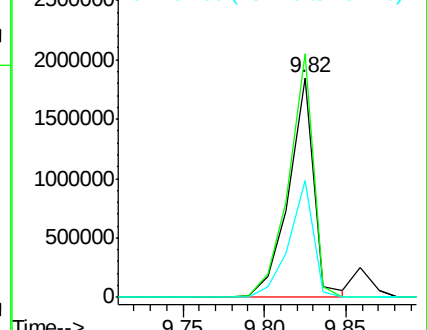
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.23 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

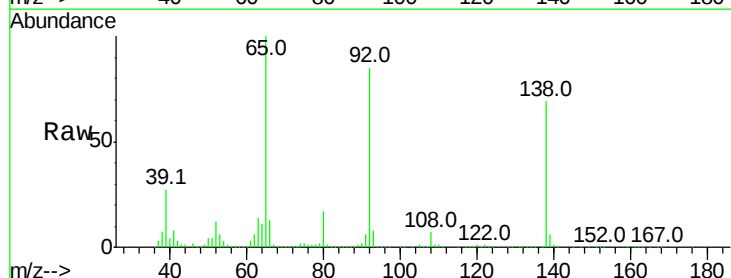
Tgt Ion:138 Resp: 372494

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

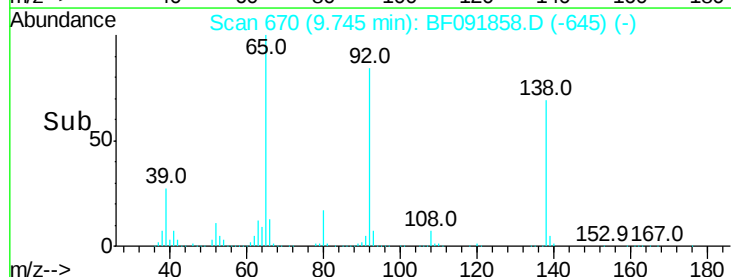
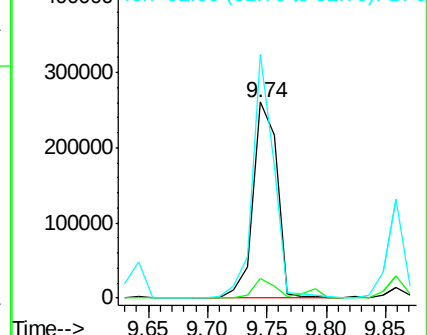
92 124.4 97.8 146.8

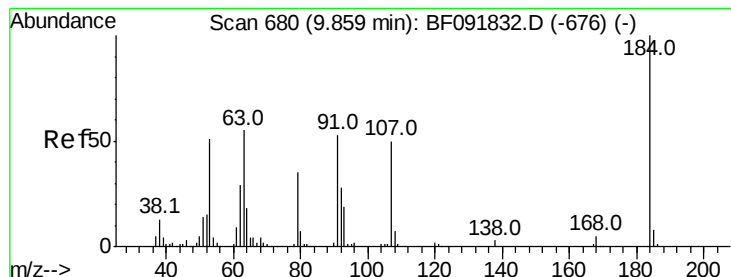


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 92.25 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleID :

MW-101MSD

Tot Ion:184 Resp: 479450

Ion Ratio Lower Upper

184 100

63 77.5 28.4 42.6#

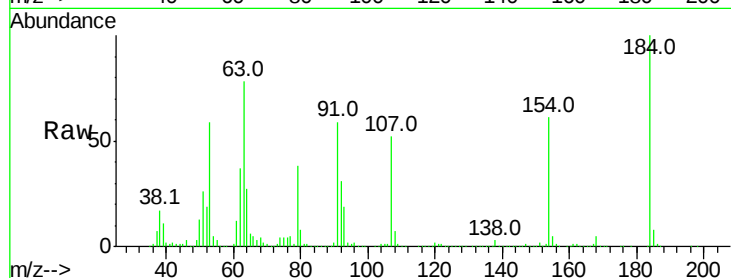
154 60.8 44.3 66.5

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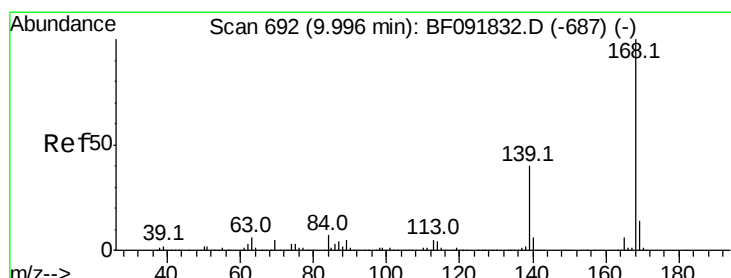
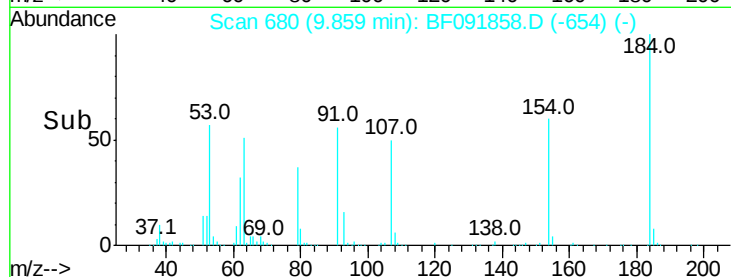
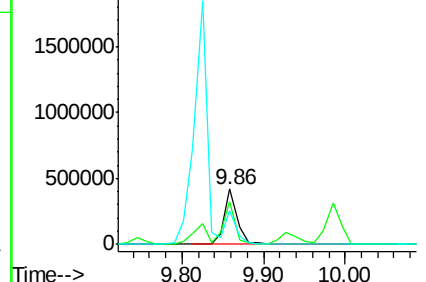
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.75 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

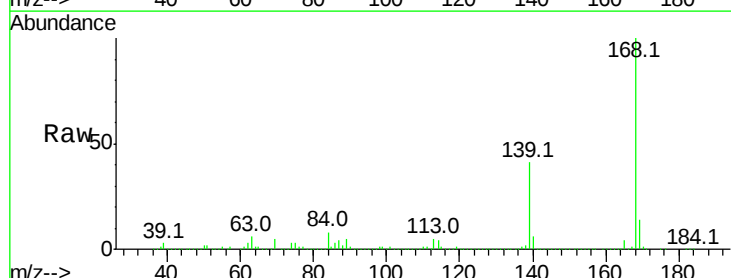
Tgt Ion:168 Resp: 2330601

Ion Ratio Lower Upper

168 100

139 41.2 32.6 49.0

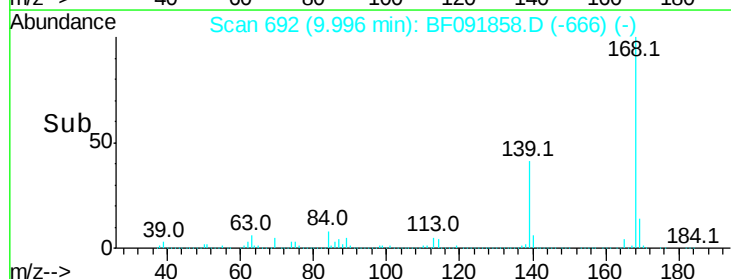
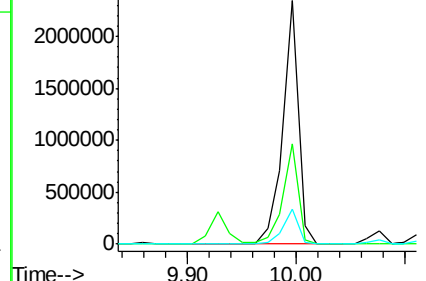
169 14.4 11.3 16.9

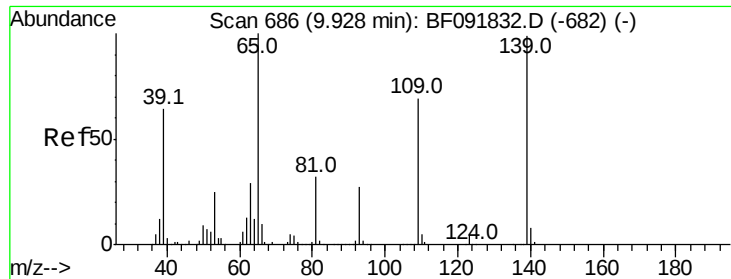


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 46.52 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

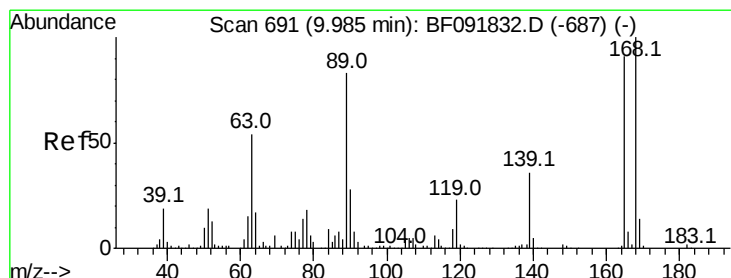
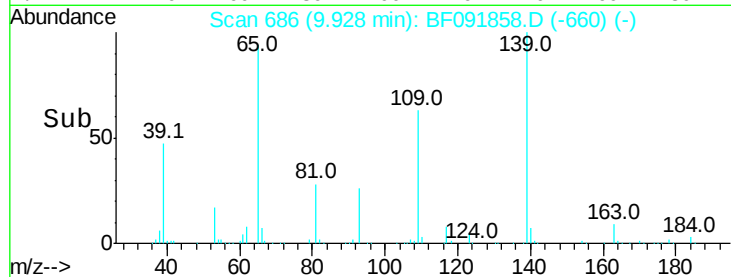
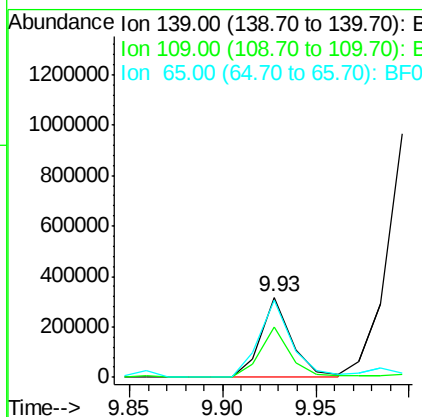
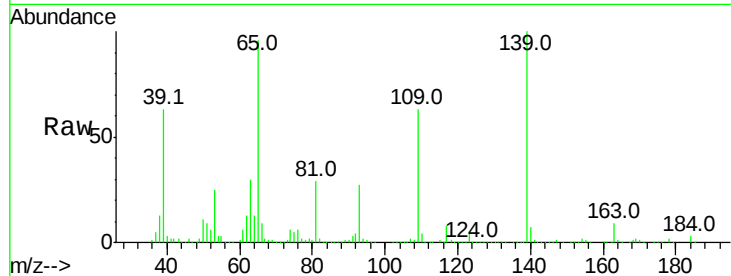
ClientSampleId :

MW-101MSD

Tot Ion:	139	Resp:	365124
Ion Ratio	Lower	Upper	
139	100		
109	63.0	52.2	92.2
65	96.3	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 46.60 ng

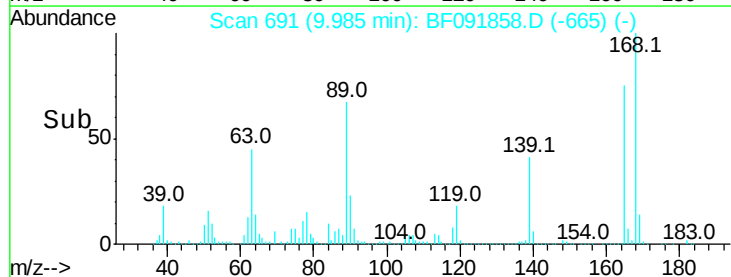
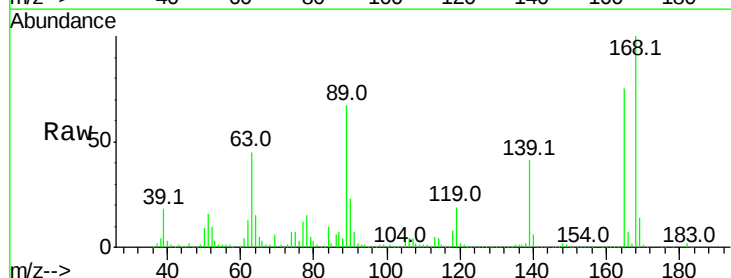
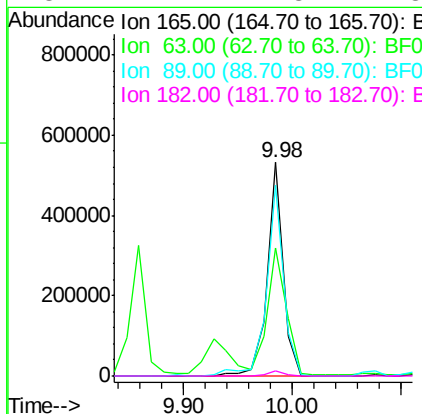
RT: 9.98 min Scan# 691

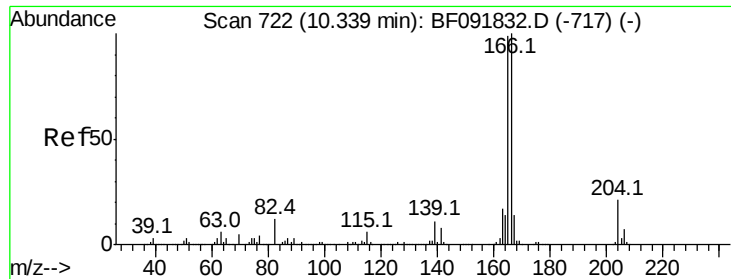
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:	165	Resp:	546245
Ion Ratio	Lower	Upper	
165	100		
63	59.8	40.2	60.4
89	89.1	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 49.90 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:166 Resp: 1849348

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

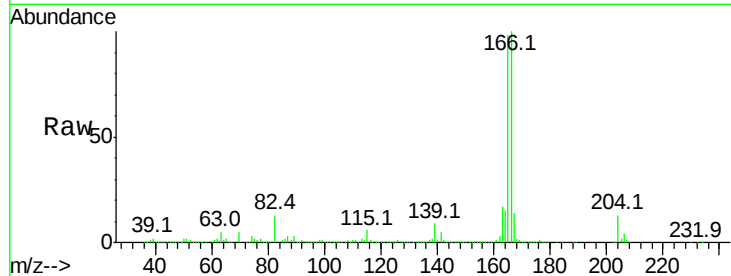
167 14.0 10.8 16.2

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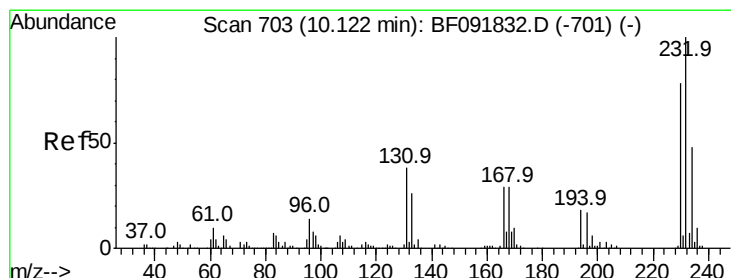
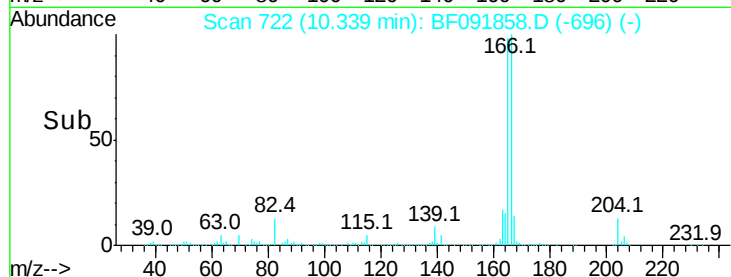
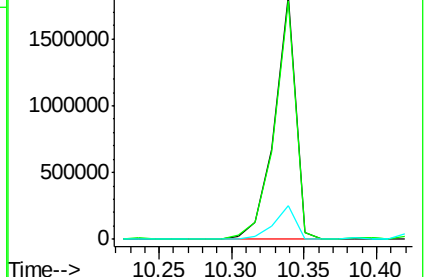
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.10 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:232 Resp: 509567

Ion Ratio Lower Upper

232 100

131 48.6 40.1 60.1

130 2.2 1.8 2.8

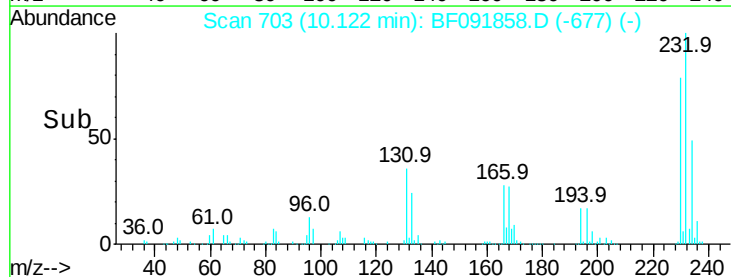
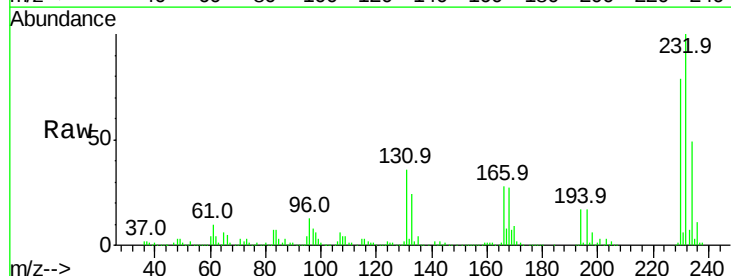
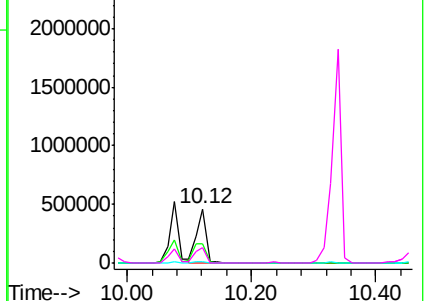
166 32.0 26.6 39.8

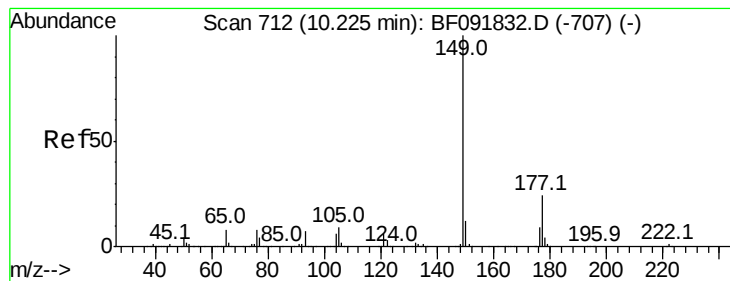
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.01 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:149 Resp: 2114173

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

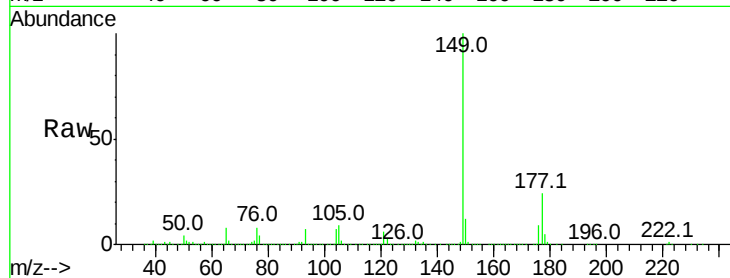
150 12.5 10.4 15.6

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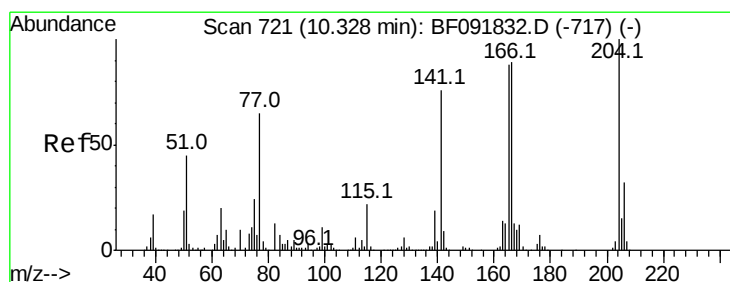
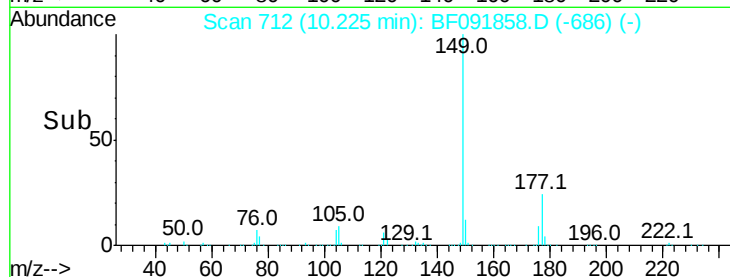
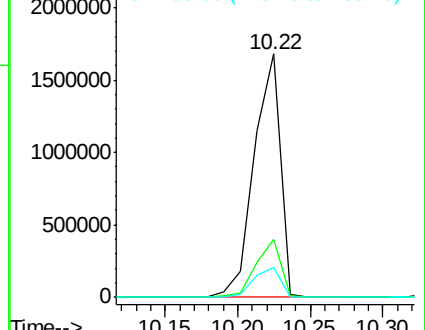
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.02 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

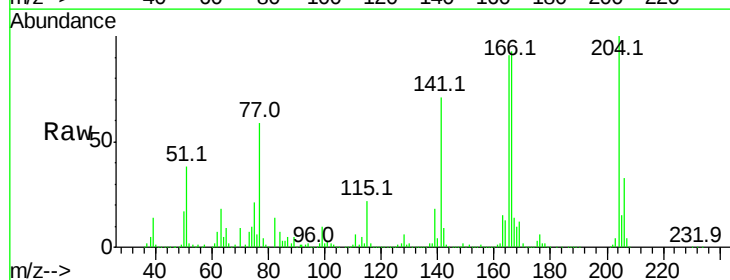
Tgt Ion:204 Resp: 730527

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

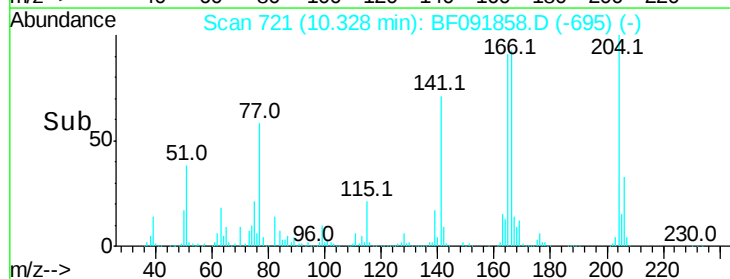
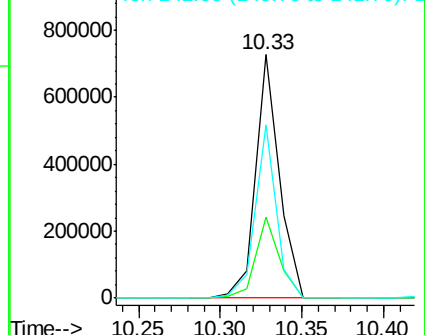
141 71.0 59.4 89.0

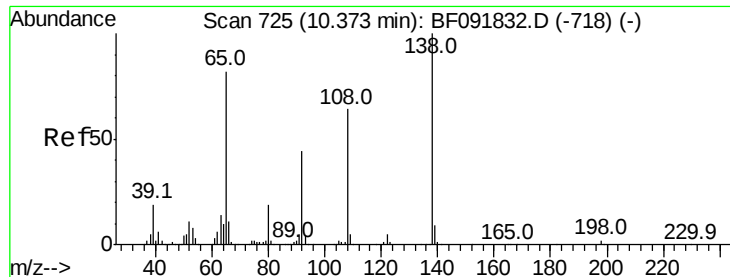


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





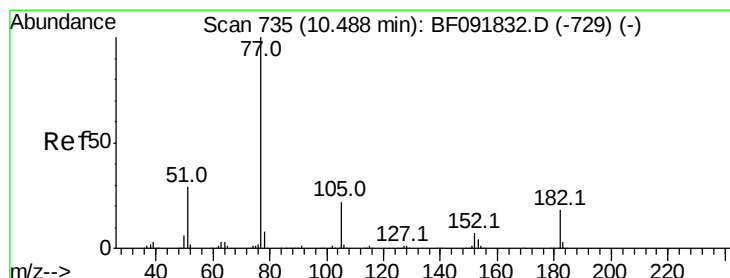
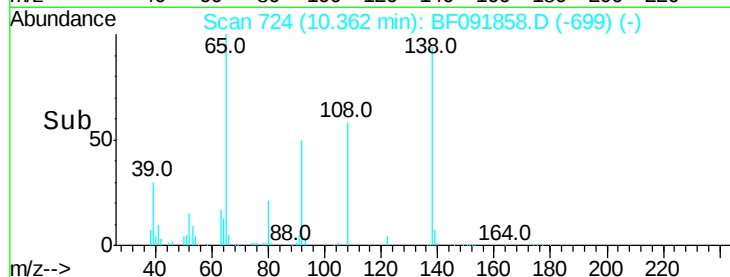
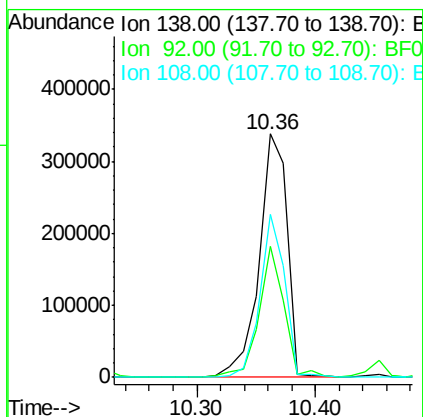
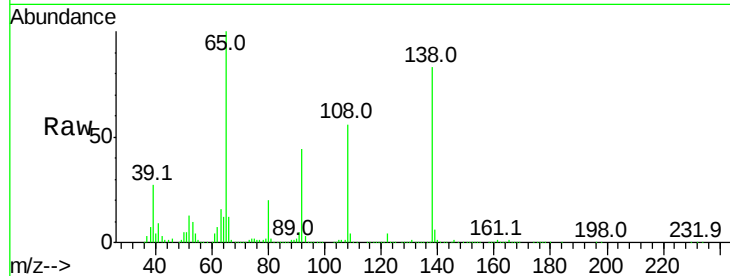
#61
4-Nitroaniline
Concen: 46.42 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	31.7	71.7
108	67.1	52.6	92.6

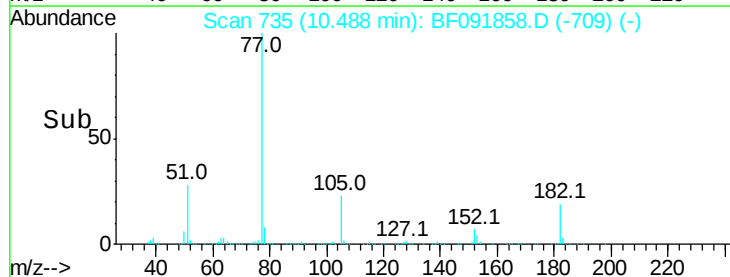
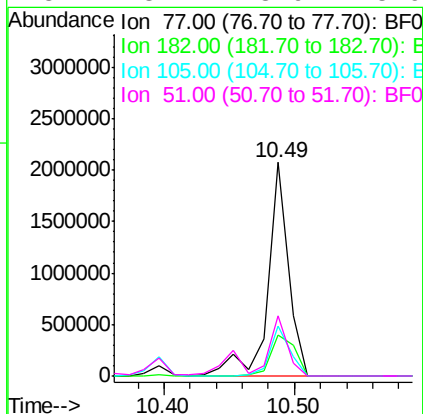
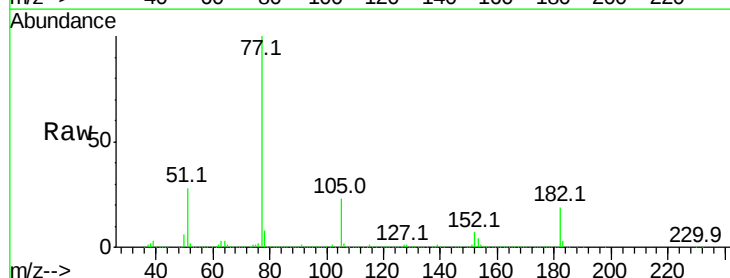
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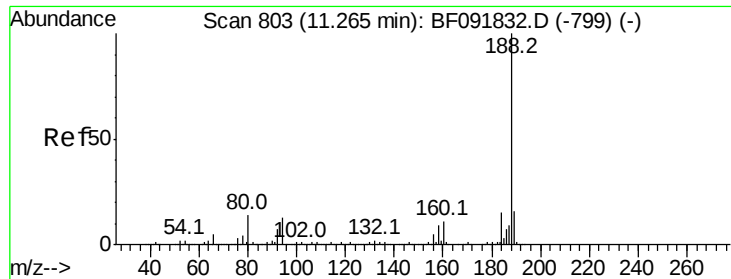
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#62
Azobenzene
Concen: 50.72 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	0.0	39.3
105	23.3	2.3	42.3
51	28.2	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:188 Resp: 1028974

Ion Ratio Lower Upper

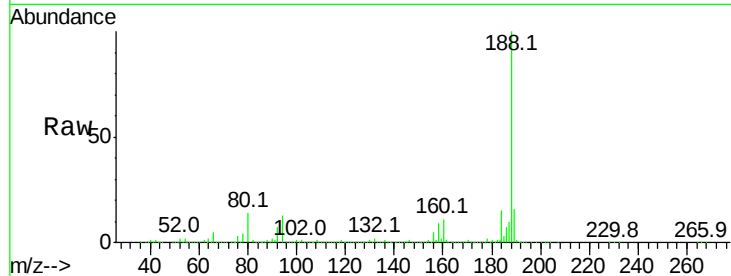
188 100

94 13.3 10.0 15.0

80 14.1 11.2 16.8

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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

1200000

1000000

800000

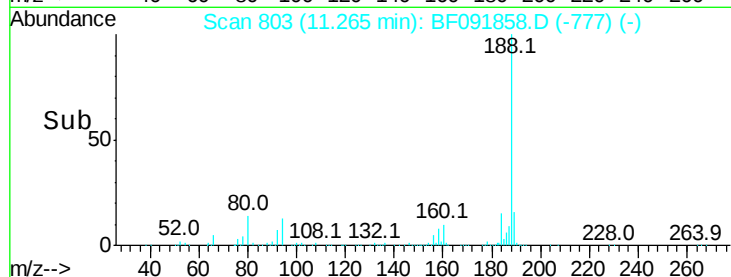
600000

400000

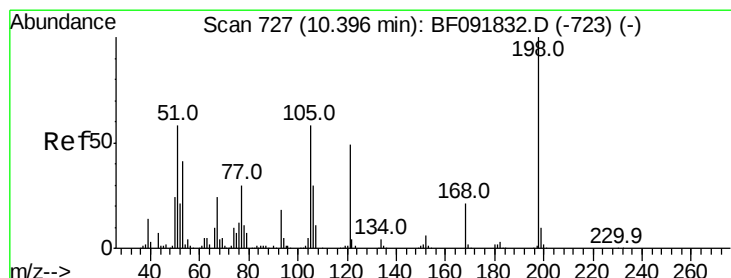
200000

0

11.20 11.25 11.30



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 52.61 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

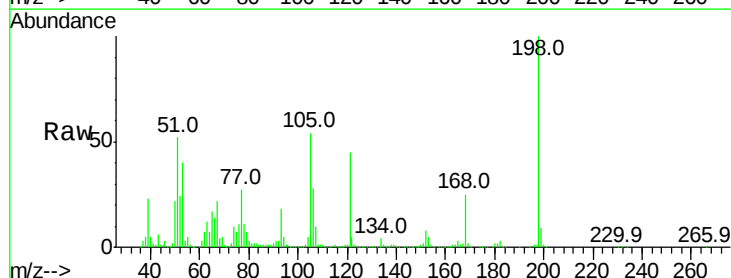
Tgt Ion:198 Resp: 327331

Ion Ratio Lower Upper

198 100

51 51.6 6.7 46.7#

105 54.1 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

800000

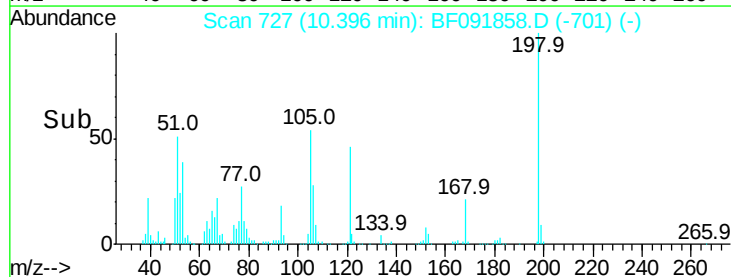
600000

400000

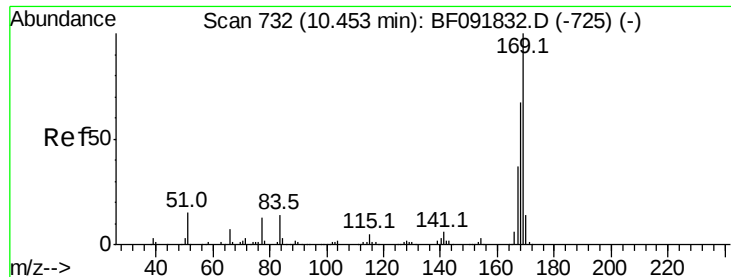
200000

0

10.30 10.40 10.50 10.60



Time-->



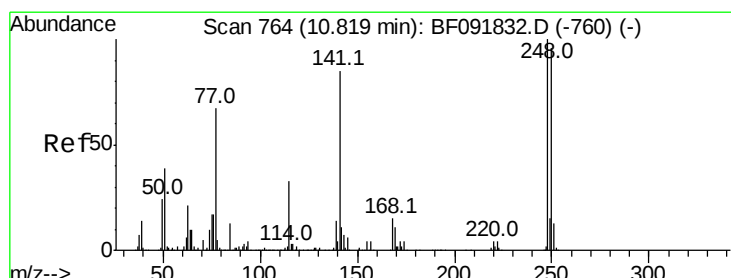
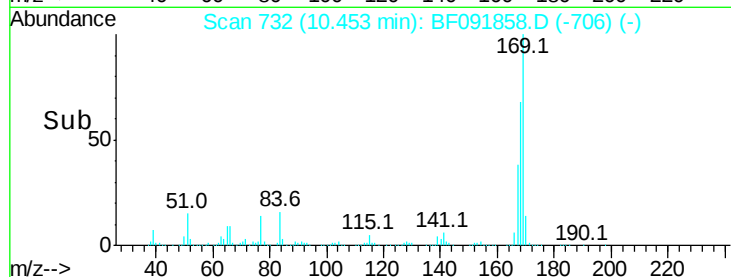
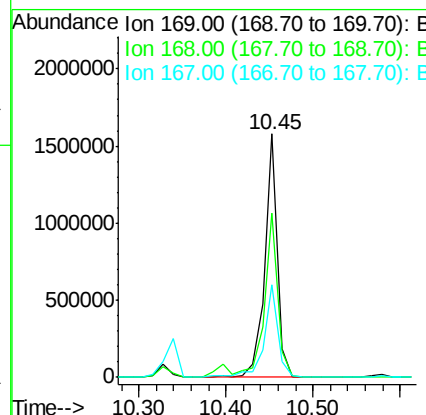
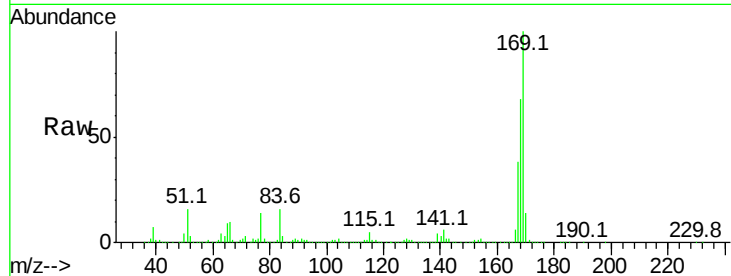
#65
n-Nitrosodiphenylamine
Concen: 53.27 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.2
167	38.1	30.2	45.4

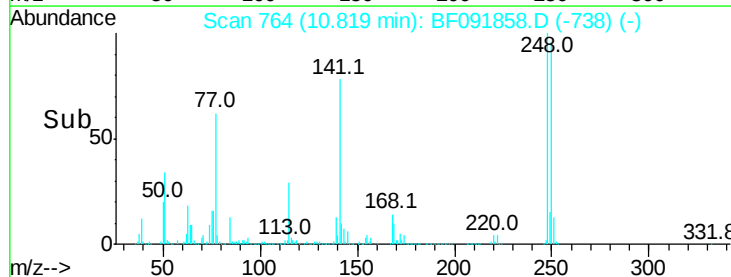
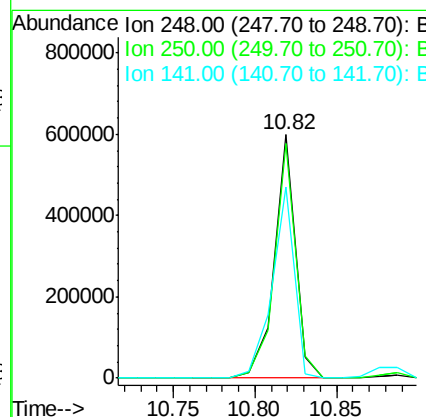
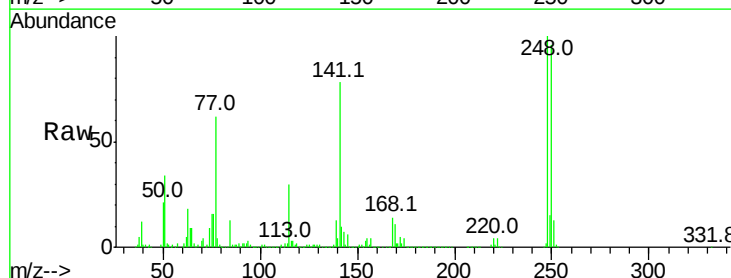
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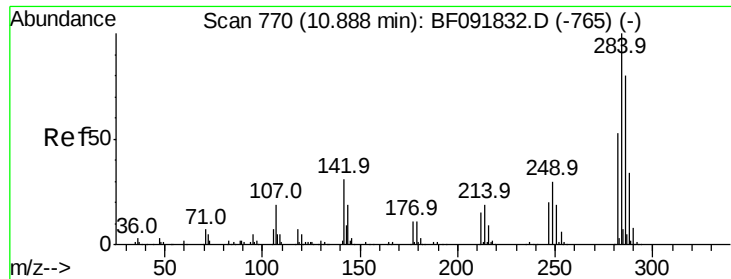
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#66
4-Bromophenyl-phenylether
Concen: 50.63 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	78.4	68.2	102.4





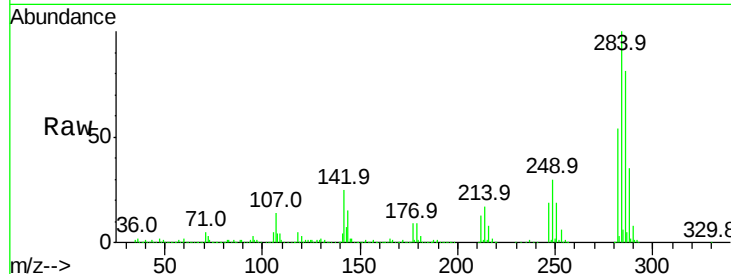
#67
Hexachlorobenzene
Concen: 52.60 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

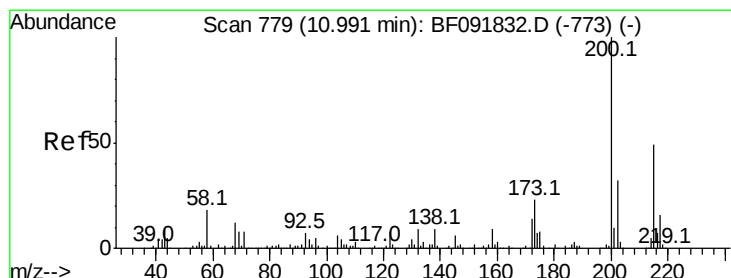
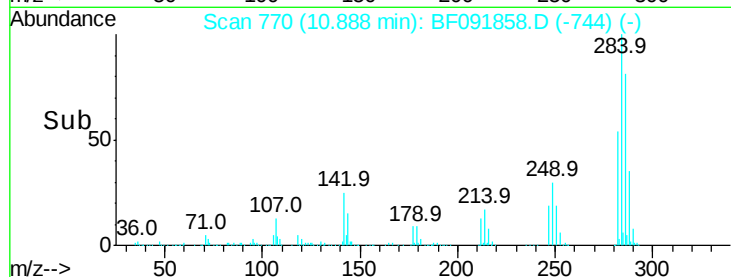
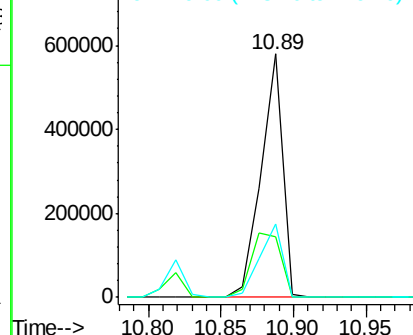
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	25.1	22.6	33.8
249	30.2	25.4	38.0

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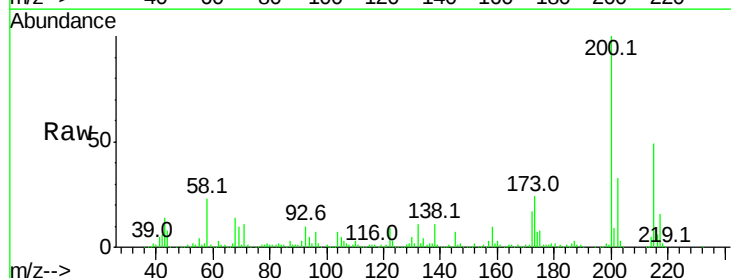


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

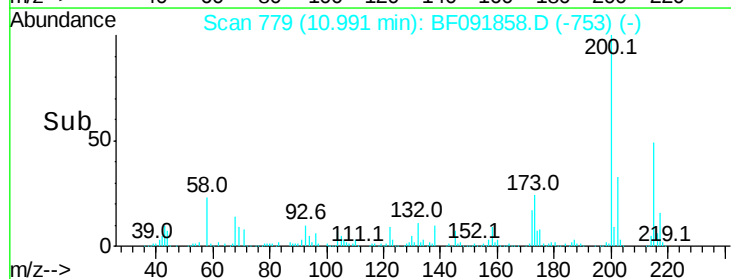
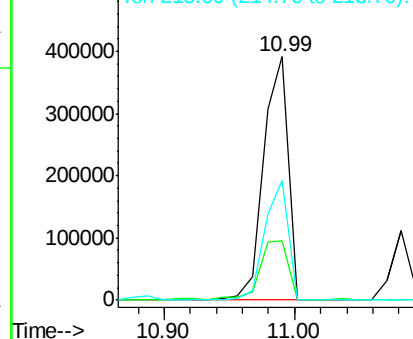


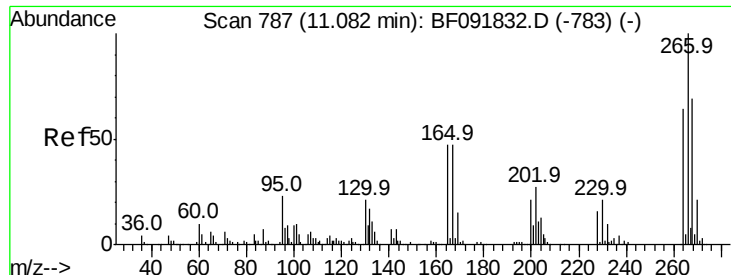
#68
Atrazine
Concen: 52.08 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	9.6	49.6
215	49.0	25.7	65.7



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





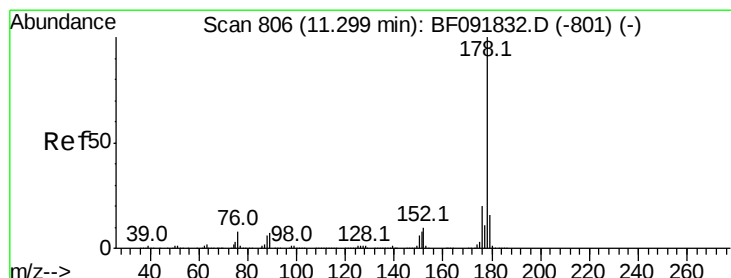
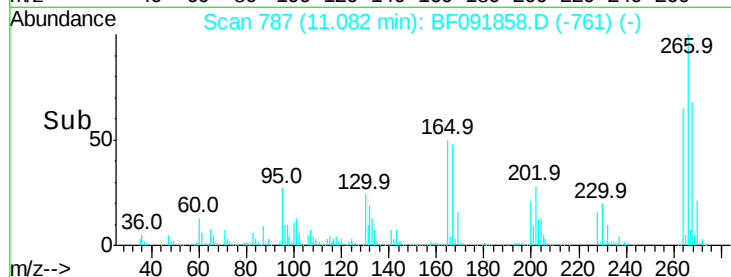
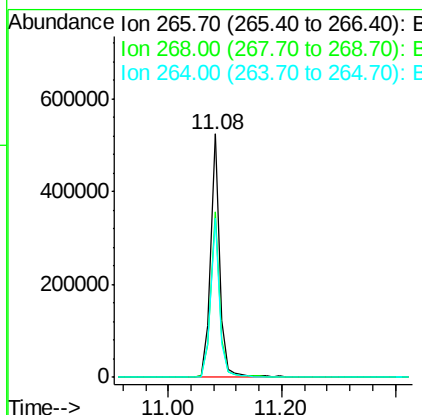
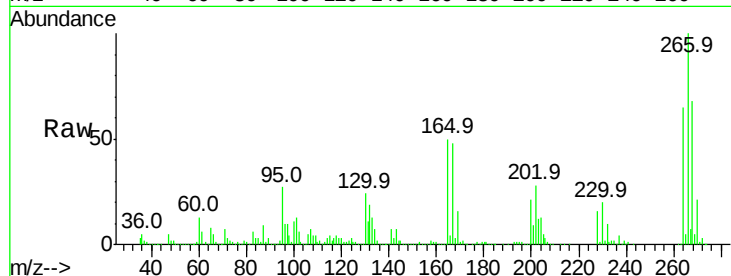
#69
 Pentachlorophenol
 Concen: 101.21 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	568185		
268	68.0		53.3	79.9
264	65.4		50.3	75.5

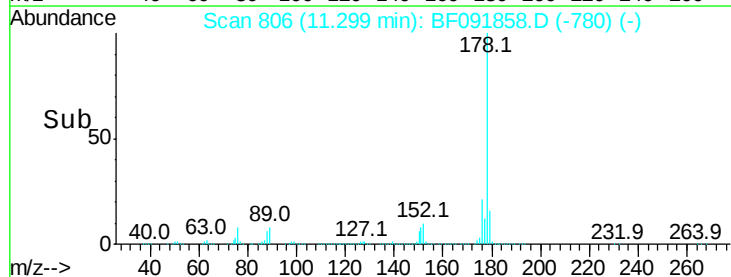
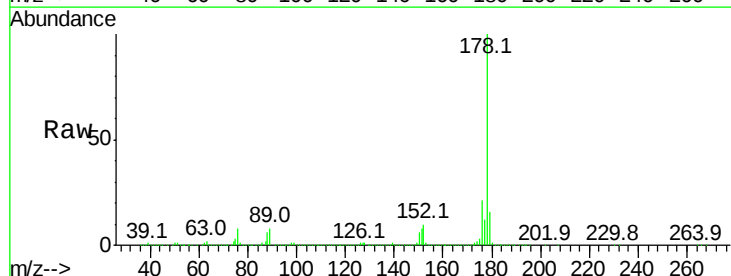
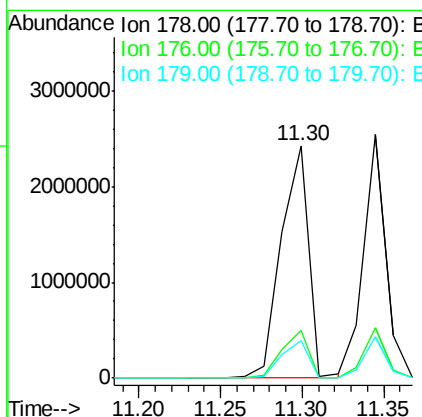
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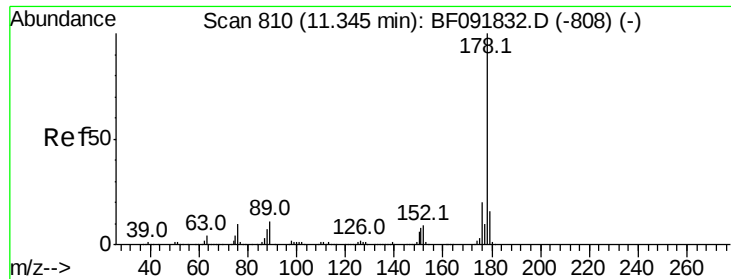
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#70
 Phenanthrene
 Concen: 51.31 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2863055		
176	20.8		16.6	25.0
179	16.2		12.8	19.2





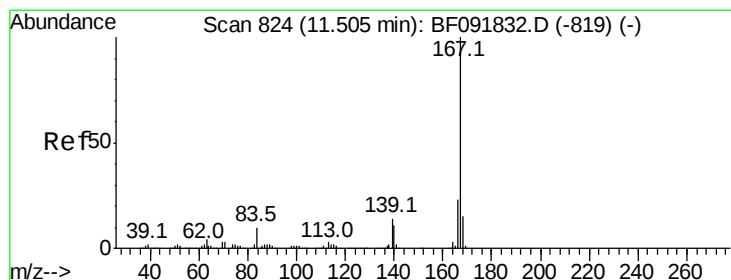
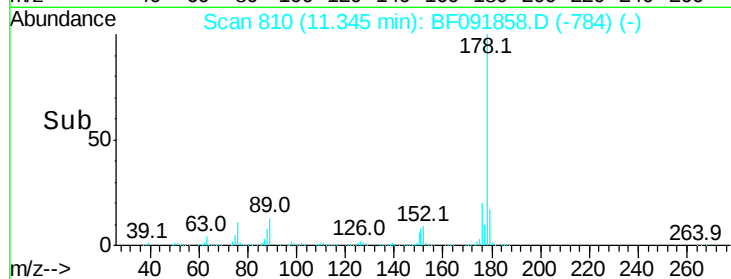
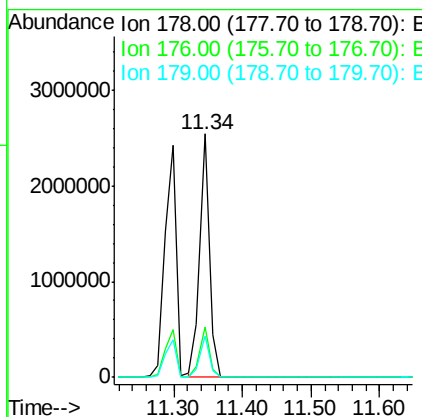
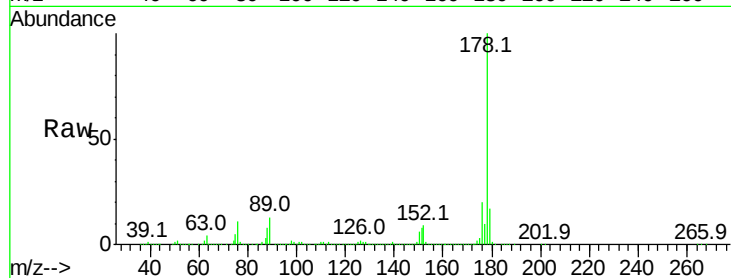
#71
 Anthracene
 Concen: 52.46 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion:178 Resp: 2448444
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.9 23.9
 179 17.0 13.2 19.8

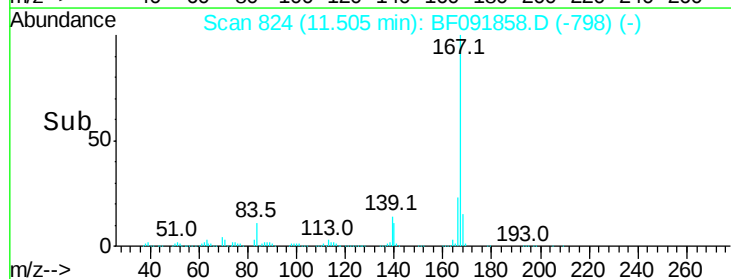
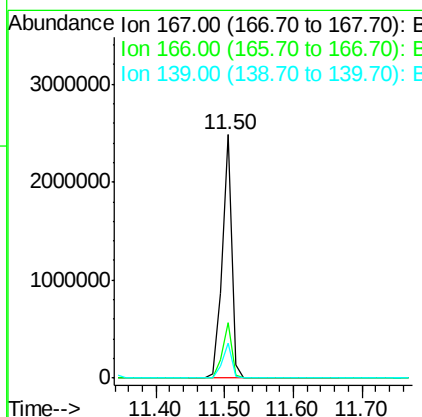
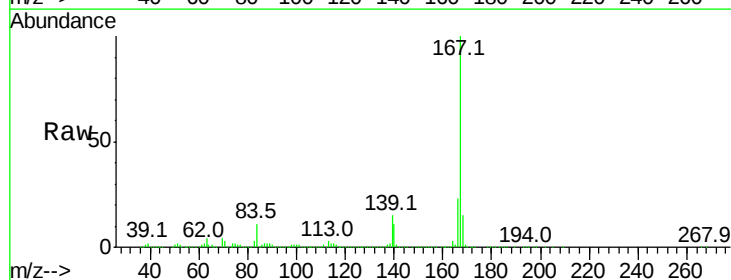
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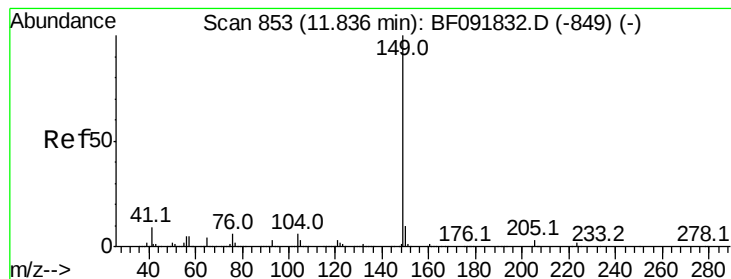
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#72
 Carbazole
 Concen: 47.21 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:167 Resp: 2440383
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 14.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 51.16 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:149 Resp: 2675112

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

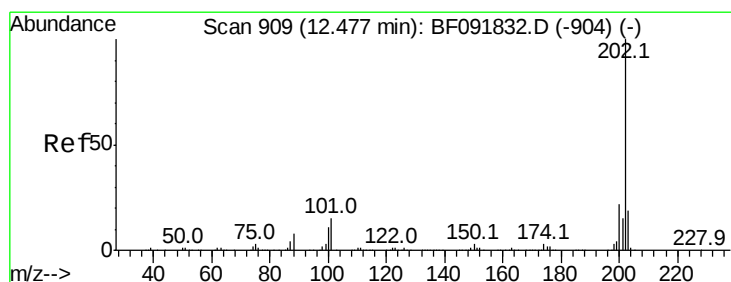
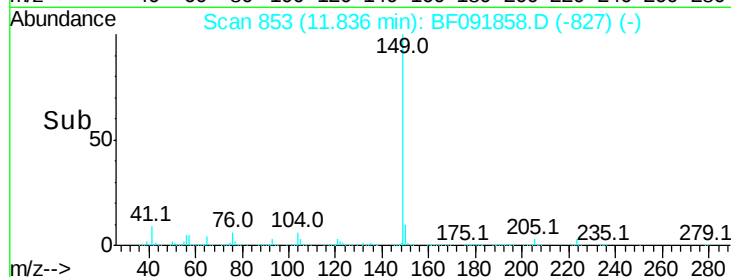
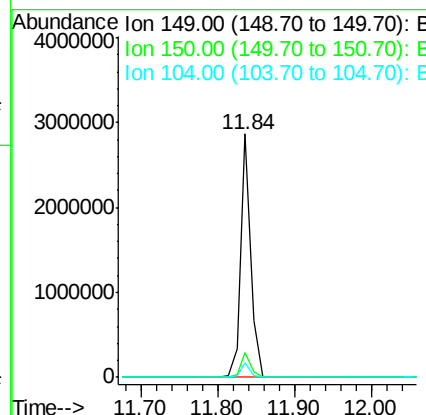
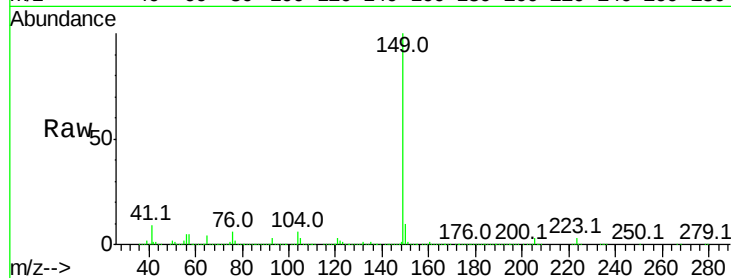
104 5.7 4.6 7.0

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#74

Fluoranthene

Concen: 51.26 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

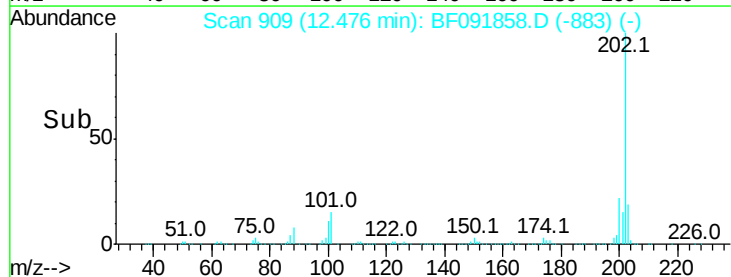
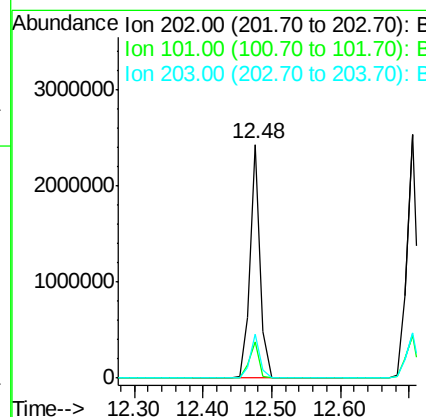
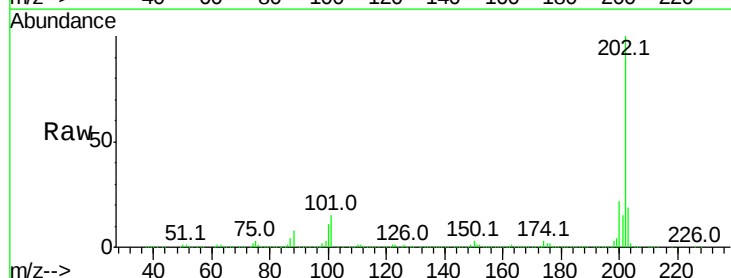
Tgt Ion:202 Resp: 2483270

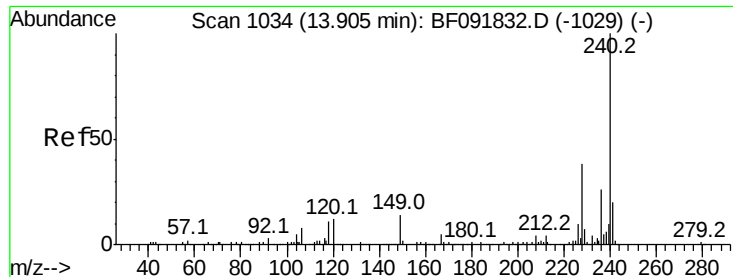
Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.6

203 18.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

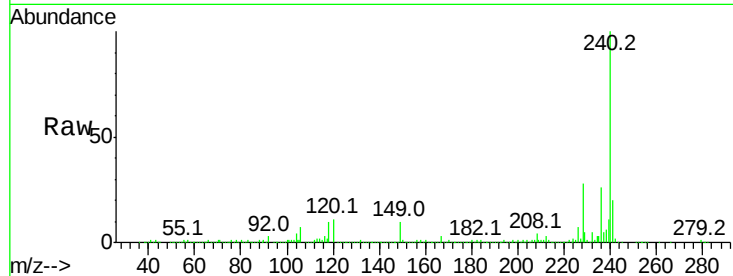
ClientSampleId :

MW-101MSD

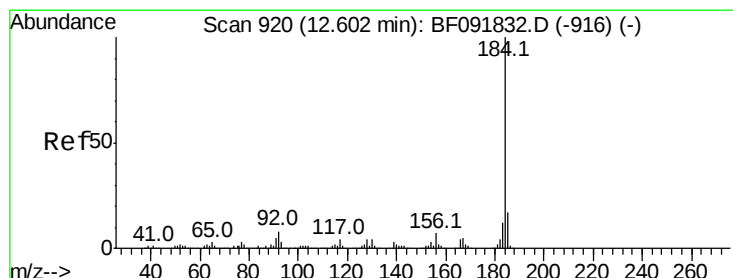
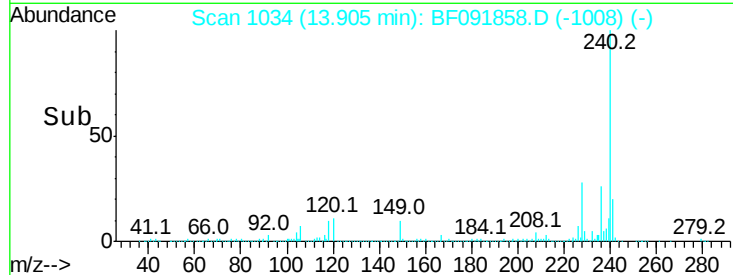
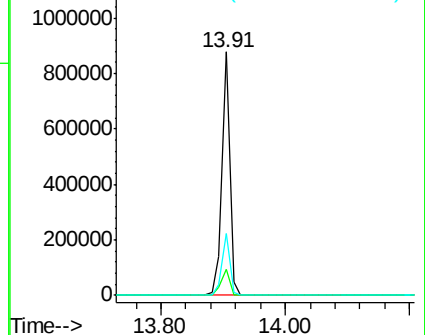
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	25.6	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.83 ng

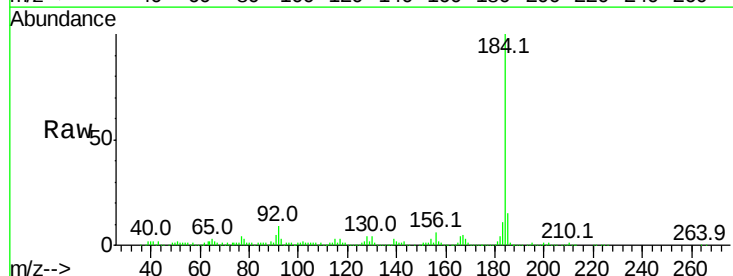
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

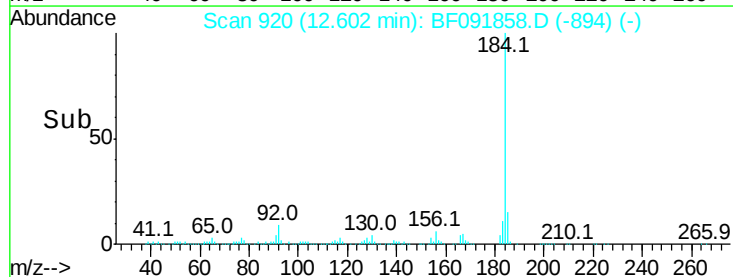
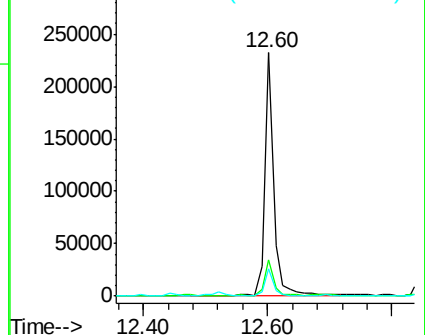
Lab File: BF091858.D

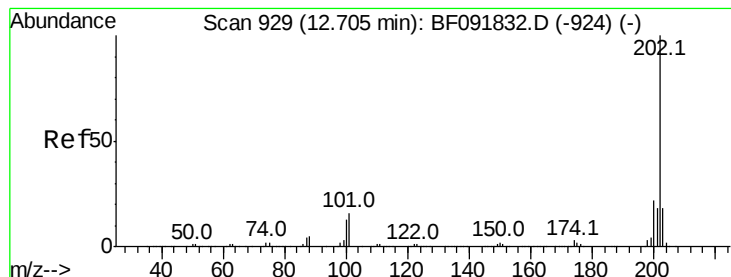
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.0
183	11.3	9.2	13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.04 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:202 Resp: 2540423

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

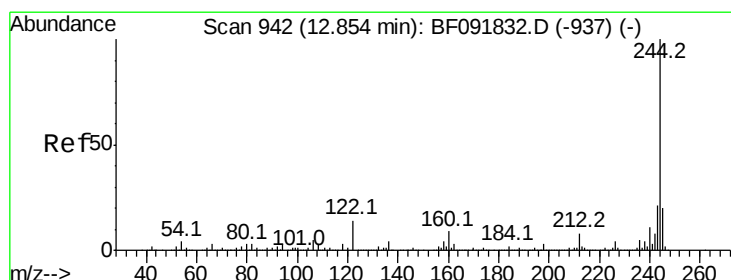
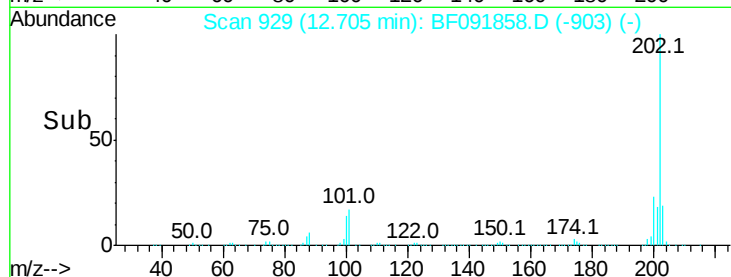
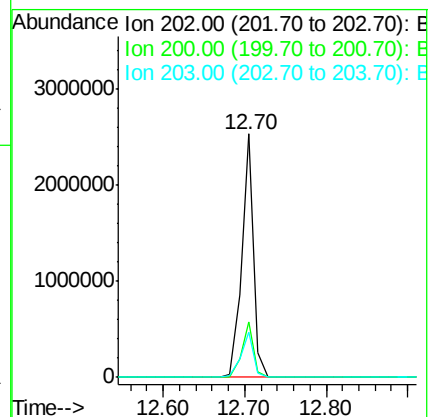
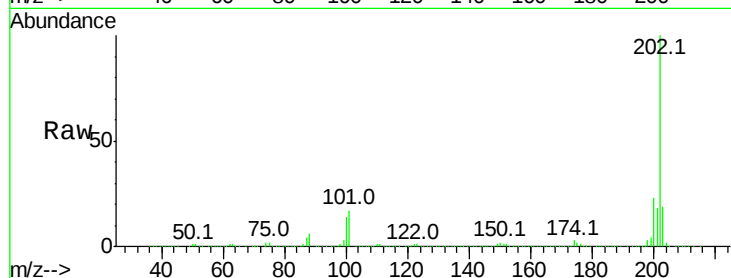
203 18.6 14.7 22.1

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#78

Terphenyl-d14

Concen: 79.72 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

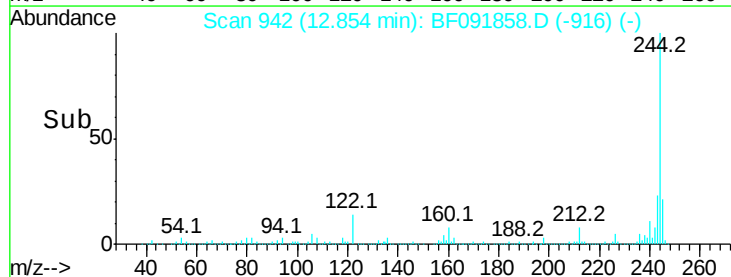
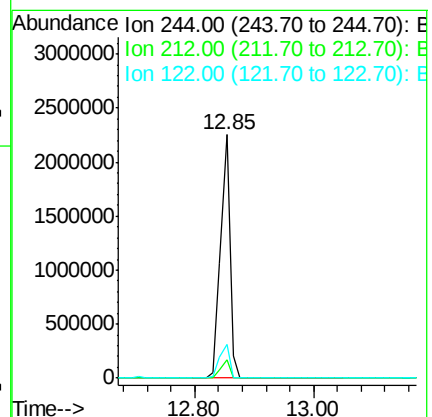
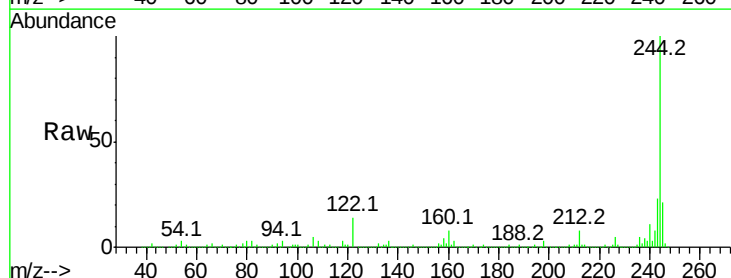
Tgt Ion:244 Resp: 2472085

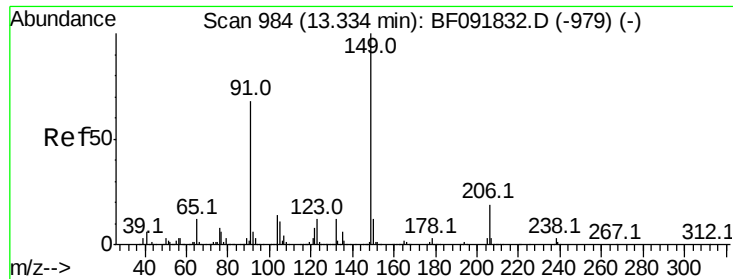
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 13.8 11.4 17.2





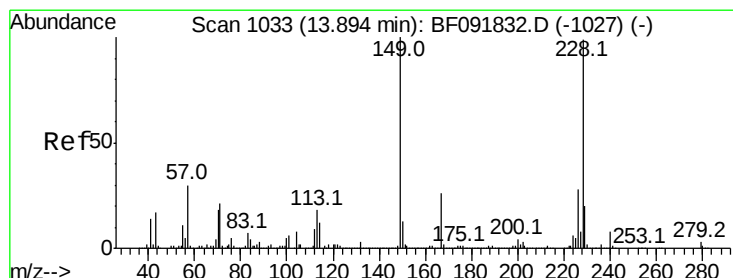
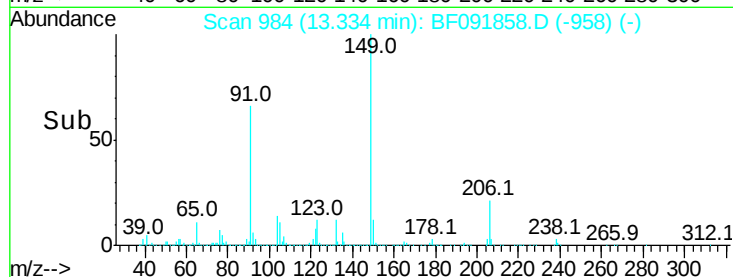
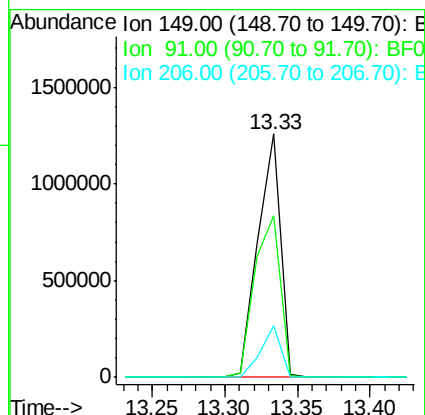
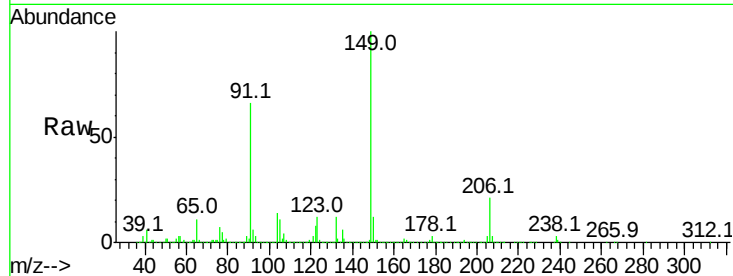
#79
Butylbenzylphthalate
Concen: 54.12 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.4	63.9	95.9
206	21.0	14.6	21.8

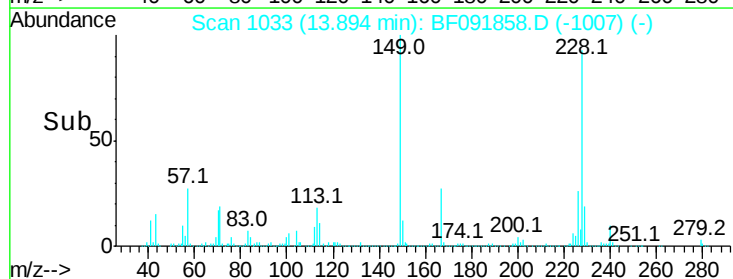
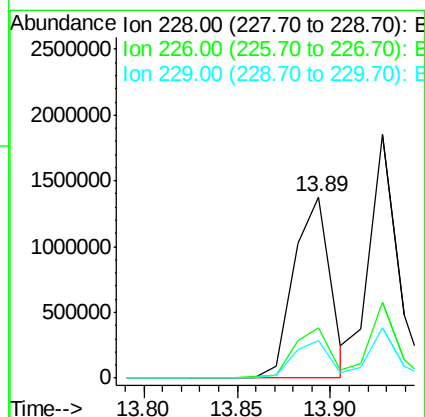
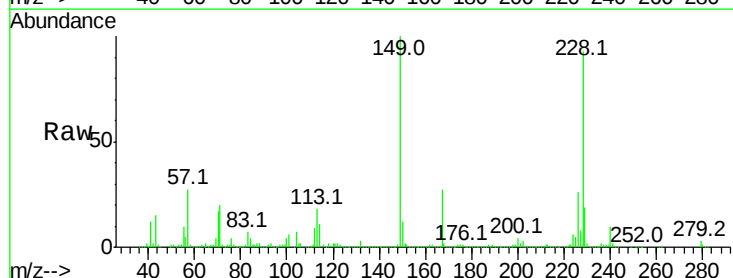
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#80
Benzo(a)anthracene
Concen: 44.24 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.6	16.2	24.4





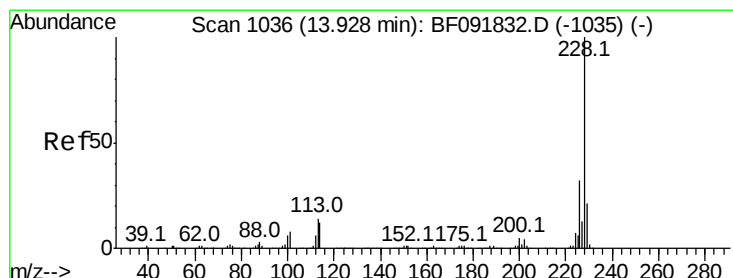
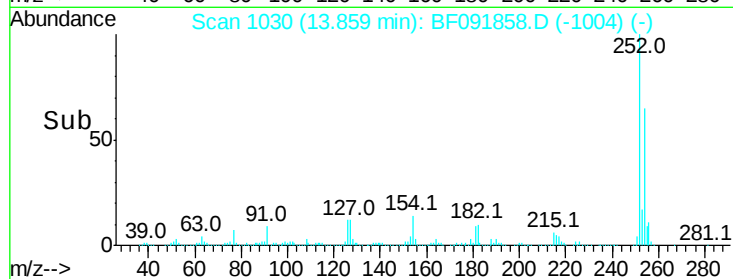
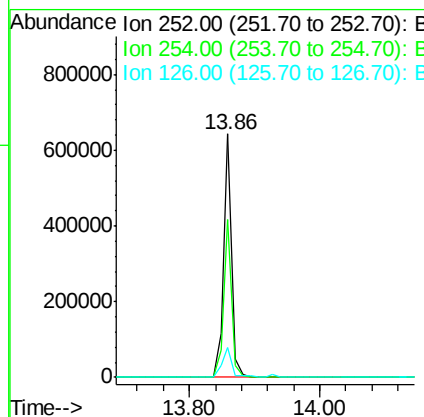
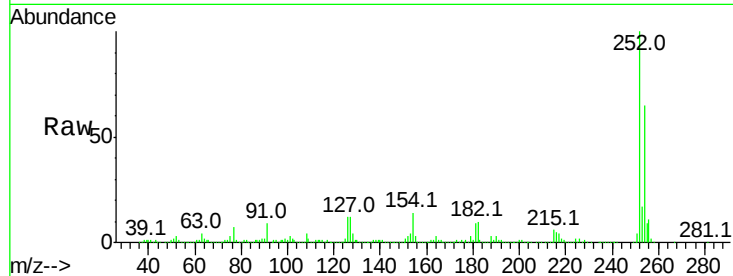
#81
 3,3'-Dichlorobenzidine
 Concen: 35.42 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	12.2	13.6	20.4

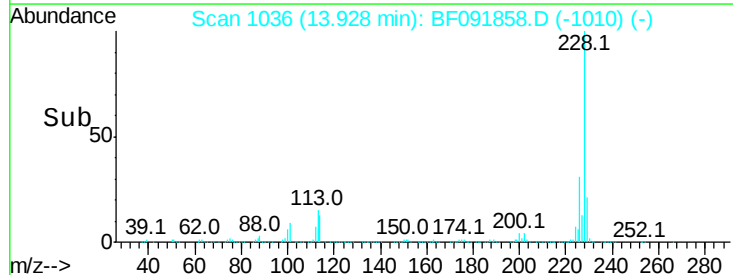
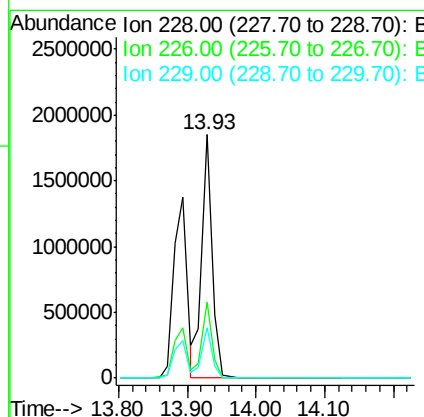
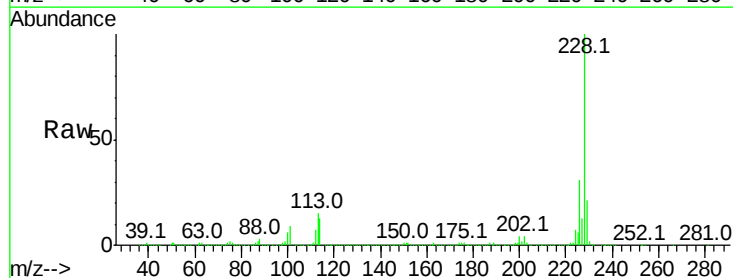
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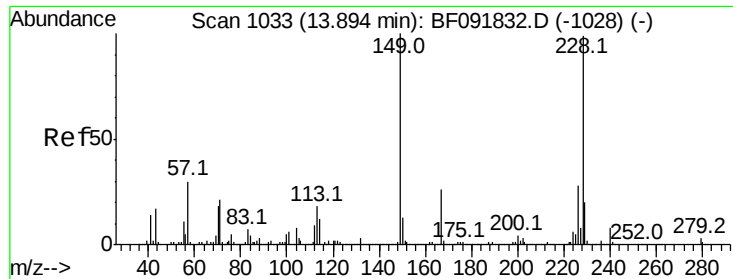
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#82
 Chrysene
 Concen: 44.49 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.53 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:149 Resp: 1434229

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

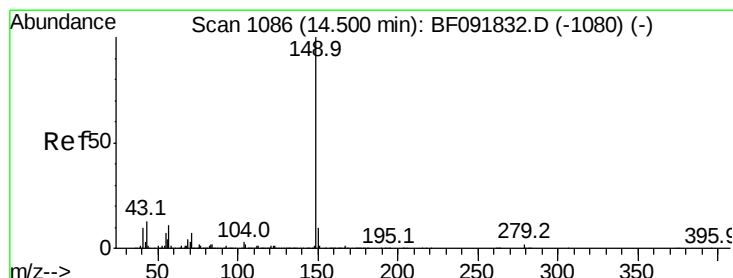
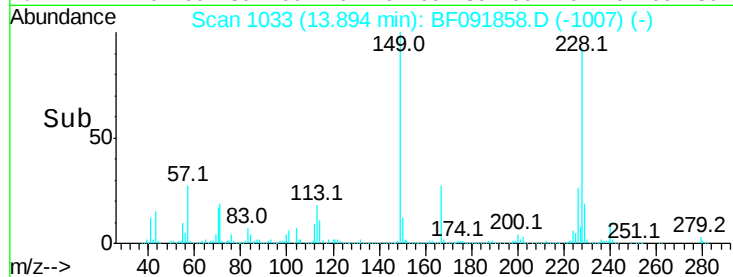
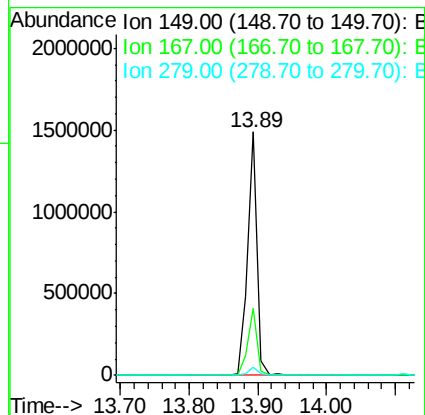
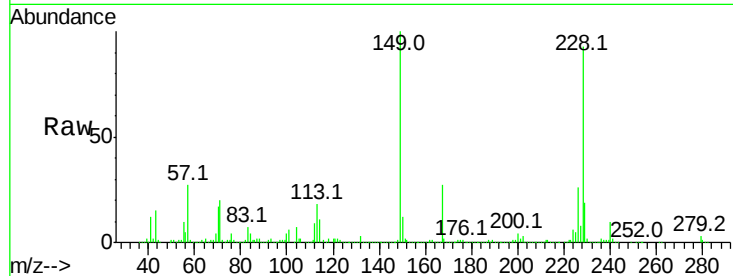
279 3.2 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 49.98 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

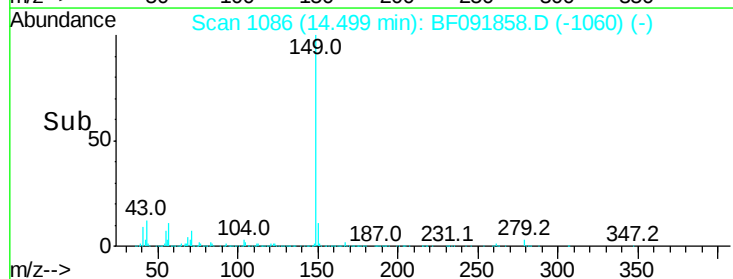
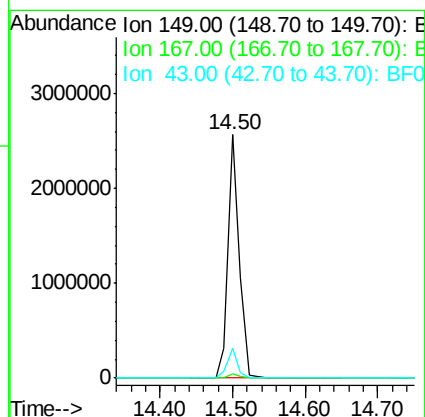
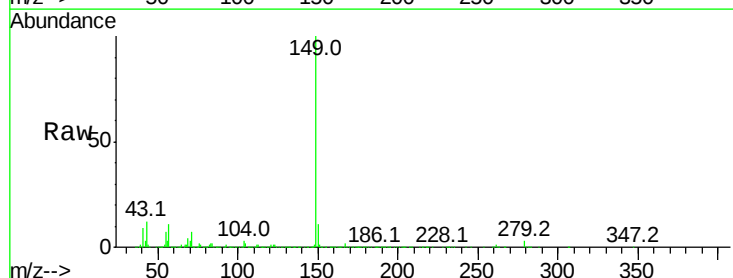
Tgt Ion:149 Resp: 2736539

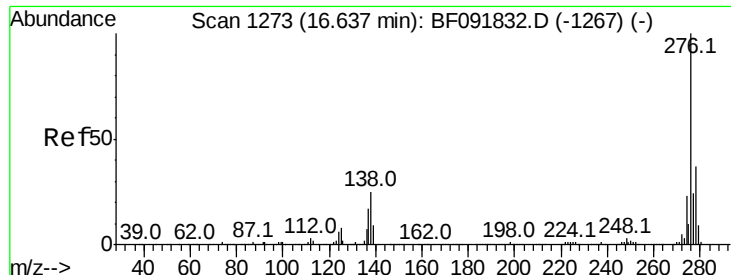
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 8.9 13.3





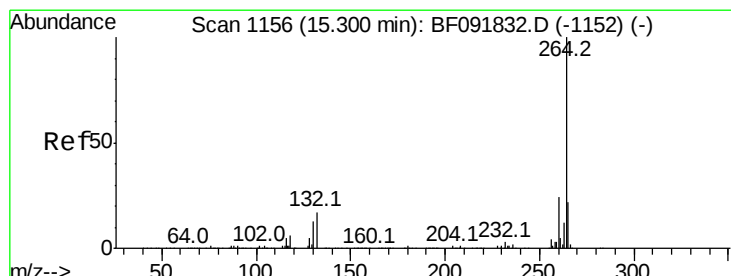
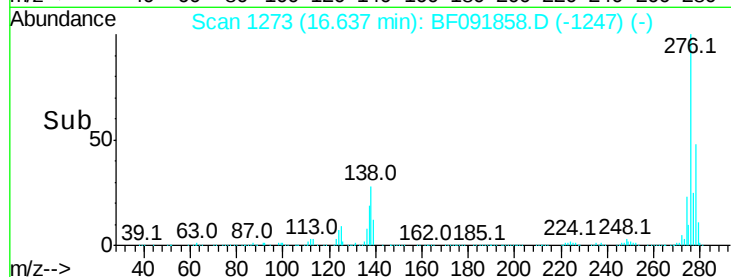
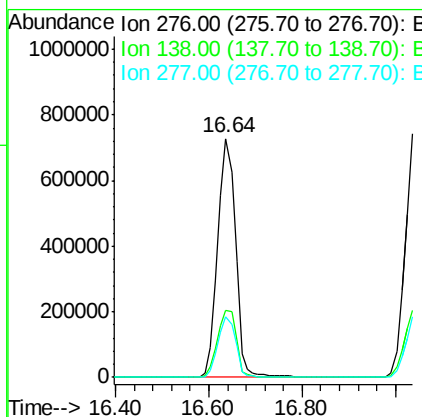
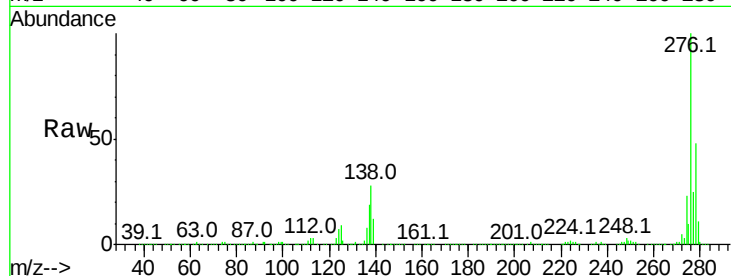
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.59 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.8	32.6
277	25.4	20.2	30.4

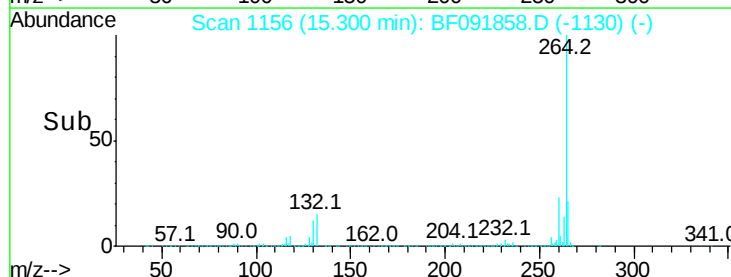
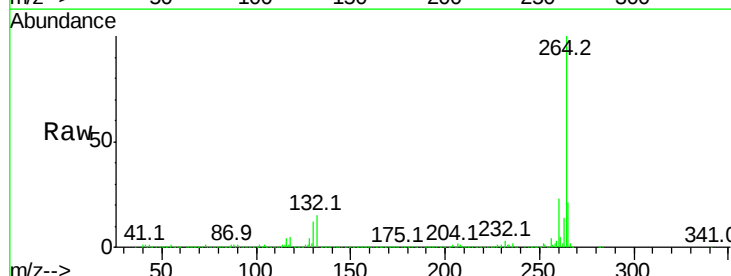
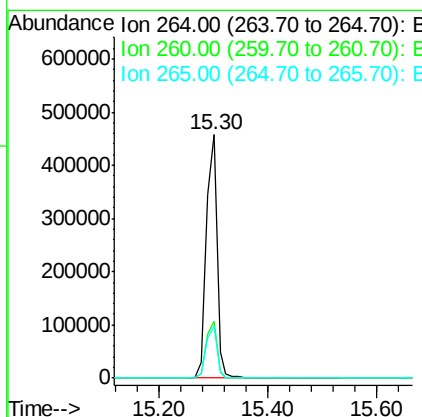
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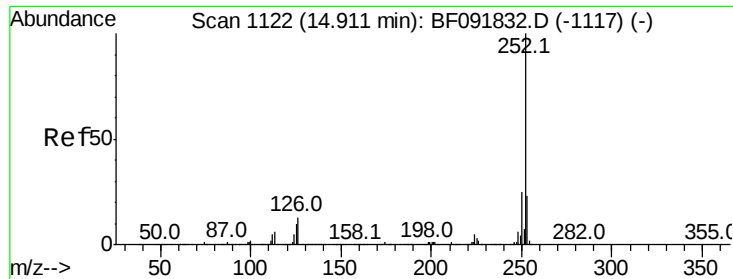
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 57.74 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Instrument :

BNA_F

ClientSampleId :

MW-101MSD

Tot Ion:252 Resp: 2237103

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

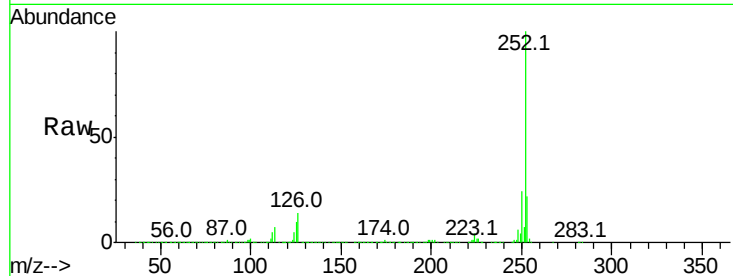
125 10.3 9.8 14.6

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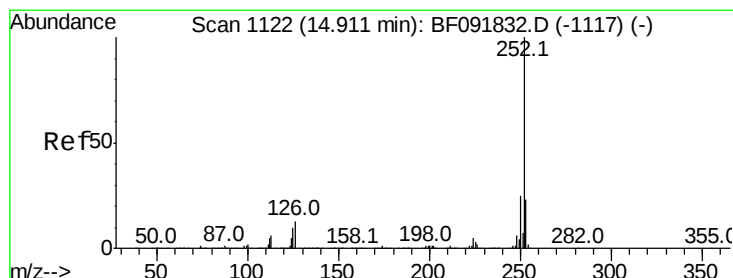
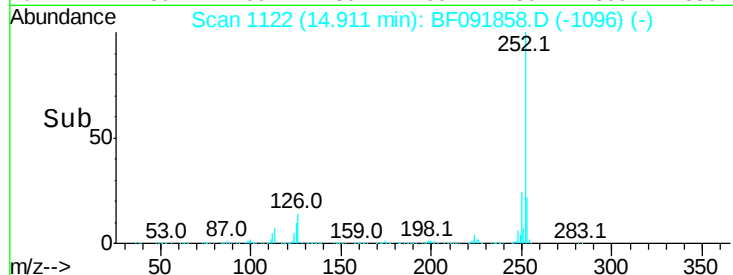
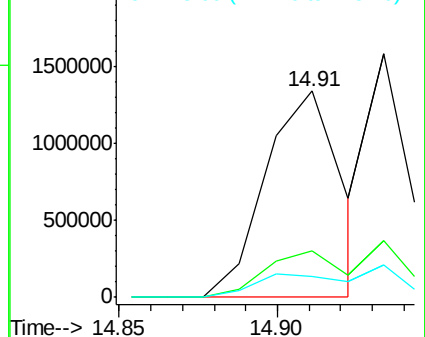
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.97 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:252 Resp: 1419634

Ion Ratio Lower Upper

252 100

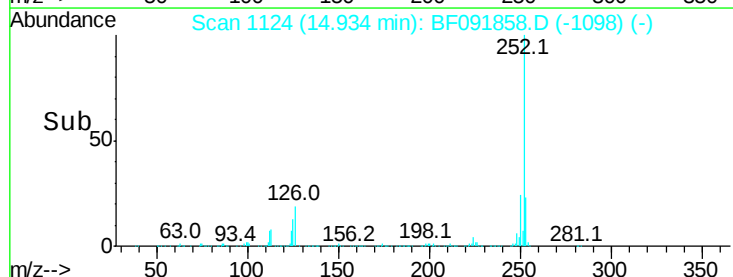
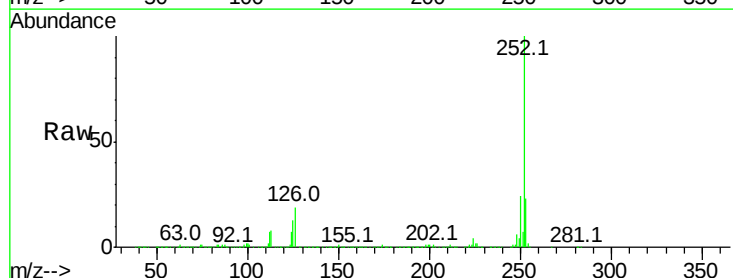
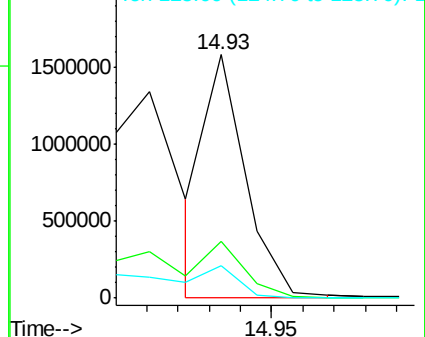
253 23.4 18.5 27.7

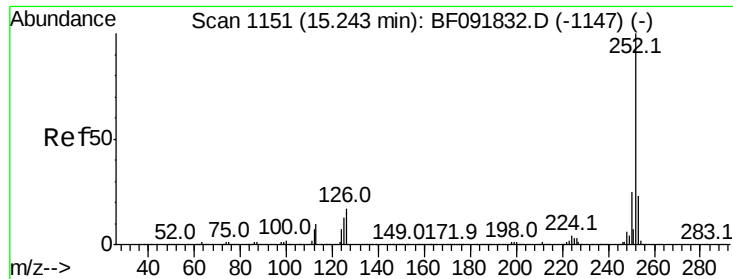
125 13.2 8.9 13.3

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





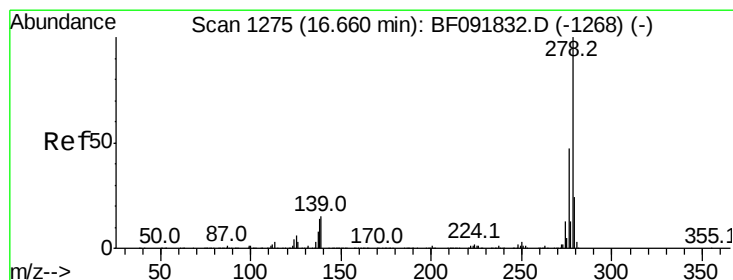
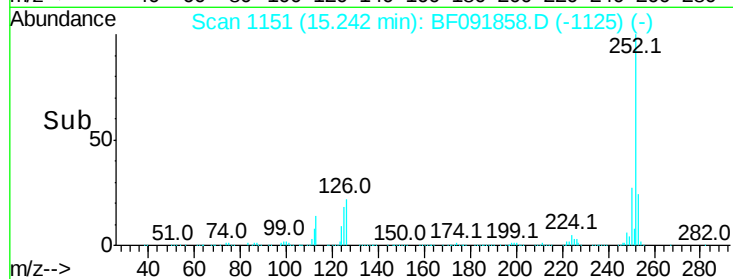
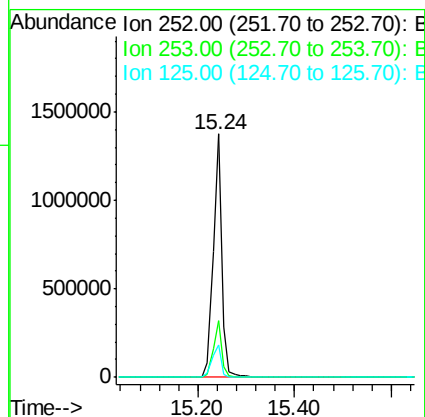
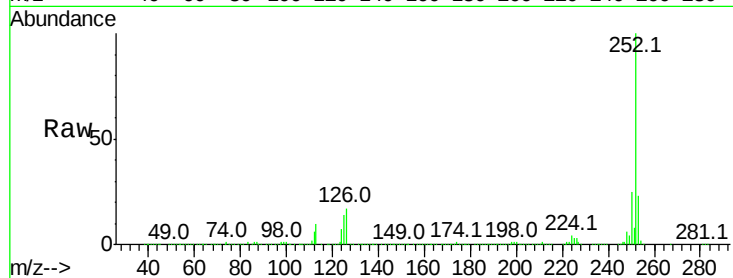
#89
Benzo(a)pyrene
Concen: 50.59 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.5	10.0	15.0

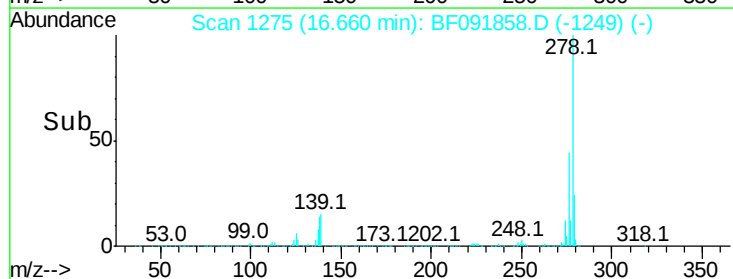
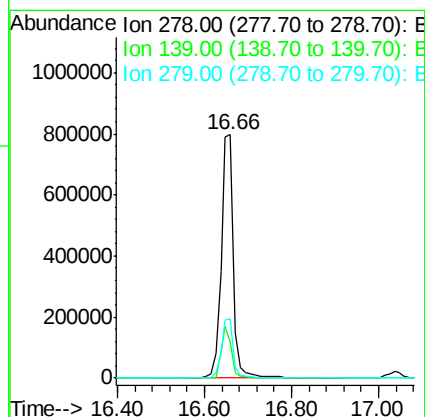
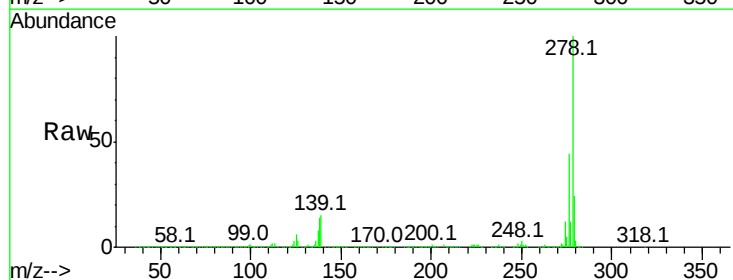
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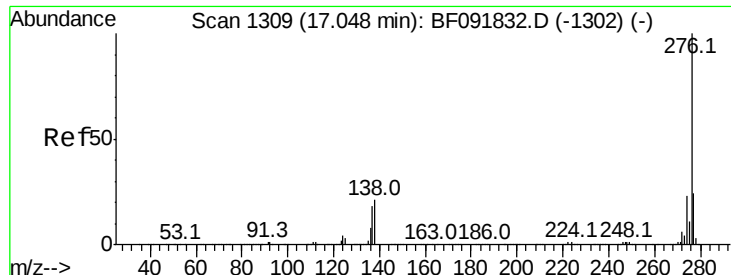
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#90
Dibenzo(a,h)anthracene
Concen: 56.03 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 57.85 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-101MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	27.7	16.0	24.0

Manual Integrations
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