

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099435.D
 Acq On : 13 Oct 2017 11:34
 Operator : SJ/JU
 Sample : I5775-03MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Quant Time: Oct 13 13:21:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115000	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	443735	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	166662	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	242085	20.00	ng	0.00
75) Chrysene-d12	14.02	240	198370	20.00	ng	0.00
86) Perylene-d12	15.49	264	157079	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	807554	111.79	ng	0.03
7) Phenol-d6	6.50	99	900624	101.06	ng	0.01
23) Nitrobenzene-d5	7.42	82	606146	87.60	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	154936	113.61	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1037426	103.92	ng	0.00
78) Terphenyl-d14	12.96	244	715286	82.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	117165	33.953	ng	# 82
3) Pyridine	3.55	79	244882	26.232	ng	91
4) n-Nitrosodimethylamine	3.49	42	132494	33.470	ng	80
6) Aniline	6.52	93	116062	9.650	ng	91
8) 2-Chlorophenol	6.65	128	316593	38.699	ng	95
9) Benzaldehyde	6.41	77	98171	18.991	ng	96
10) Phenol	6.51	94	333957	33.507	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	315213	40.682	ng	98
12) 1,3-Dichlorobenzene	6.80	146	342507	39.976	ng	97
13) 1,4-Dichlorobenzene	6.87	146	349672	40.113	ng	97
14) 1,2-Dichlorobenzene	7.03	146	320926	39.844	ng	97
15) Benzyl Alcohol	7.00	79	241039	36.869	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	428714	35.514	ng	89
17) 2-Methylphenol	7.11	107	252276	37.688	ng	98
18) Hexachloroethane	7.36	117	103330	32.978	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	202032	35.508	ng	94
20) 3+4-Methylphenols	7.26	107	297293	35.107	ng	# 66
22) Acetophenone	7.27	105	417090	38.796	ng	# 98
24) Nitrobenzene	7.44	77	311841	39.730	ng	98
25) Isophorone	7.67	82	578252	40.421	ng	99
26) 2-Nitrophenol	7.76	139	149868	39.706	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	266733	37.420	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	379540	42.573	ng	100
29) 2,4-Dichlorophenol	8.00	162	253410	41.407	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	260817	42.611	ng	99
31) Naphthalene	8.16	128	874974	41.984	ng	100
32) Benzoic acid	7.92	122	134834	23.028	ng	95
33) 4-Chloroaniline	8.21	127	52880	6.076	ng	95
34) Hexachlorobutadiene	8.27	225	132017	41.874	ng	99
35) Caprolactam	8.59	113	60192	30.661	ng	# 83
36) 4-Chloro-3-methylphenol	8.70	107	240861	35.015	ng	94
37) 2-Methylnaphthalene	8.85	142	568966	41.996	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	225110	45.291	ng	98
40) Hexachlorocyclopentadiene	9.00	237	18573	8.177	ng	96

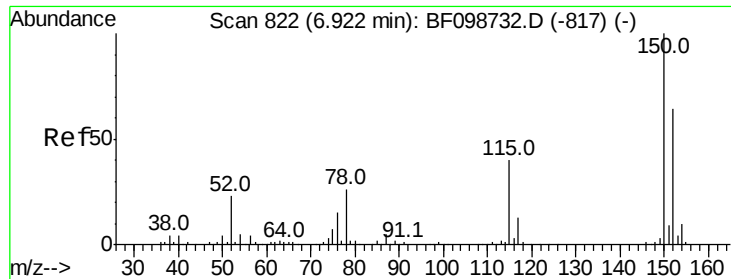
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	146831	41.700	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	148876	42.355	ng	97
45) 1,1'-Biphenyl	9.31	154	641260	44.769	ng	100
46) 2-Chloronaphthalene	9.34	162	487232	45.305	ng	97
47) 2-Nitroaniline	9.44	65	138856	42.167	ng	92
48) Acenaphthylene	9.76	152	699750	42.504	ng	99
49) Dimethylphthalate	9.61	163	589287	46.848	ng	100
50) 2,6-Dinitrotoluene	9.68	165	113361	41.396	ng	# 83
51) Acenaphthene	9.93	154	407551	39.080	ng	99
52) 3-Nitroaniline	9.85	138	86274	27.019	ng	89
53) 2,4-Dinitrophenol	9.97	184	9055	11.716	ng	88
54) Dibenzofuran	10.10	168	599648	43.186	ng	99
55) 4-Nitrophenol	10.02	139	133425	49.417	ng	89
56) 2,4-Dinitrotoluene	10.09	165	127666	35.921	ng	# 90
57) Fluorene	10.44	166	453677	40.650	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	100289	41.303	ng	96
59) Diethylphthalate	10.31	149	534459	43.483	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	214222	42.731	ng	97
61) 4-Nitroaniline	10.46	138	115764	37.579	ng	89
62) Azobenzene	10.59	77	444778	39.356	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	9120	6.192	ng	80
65) n-Nitrosodiphenylamine	10.55	169	400346	47.737	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	114118	48.159	ng	99
67) Hexachlorobenzene	10.99	284	109106	43.110	ng	99
68) Atrazine	11.07	200	114250	45.279	ng	100
69) Pentachlorophenol	11.19	266	101633	64.525	ng	99
70) Phenanthrene	11.40	178	574151	44.308	ng	98
71) Anthracene	11.46	178	591218	44.591	ng	99
72) Carbazole	11.61	167	544471	41.935	ng	99
73) Di-n-butylphthalate	11.93	149	710790	45.481	ng	99
74) Fluoranthene	12.59	202	588712	44.866	ng	99
76) Benzidine	12.71	184	172703	23.539	ng	97
77) Pyrene	12.82	202	619391	40.948	ng	99
79) Butylbenzylphthalate	13.43	149	294013	41.357	ng	95
80) Benzo(a)anthracene	14.01	228	532591	44.339	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	169998	38.606	ng	99
82) Chrysene	14.04	228	504072	44.079	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	415459	42.442	ng	# 99
84) Di-n-octyl phthalate	14.59	149	754643	47.877	ng	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	354971	38.803	ng	96
87) Benzo(b)fluoranthene	15.06	252	442152	45.782	ng	97
88) Benzo(k)fluoranthene	15.09	252	419572	43.984	ng	100
89) Benzo(a)pyrene	15.43	252	392222	44.243	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	298396	42.058	ng	97
91) Benzo(g,h,i)perylene	17.43	276	287213	40.954	ng	96

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

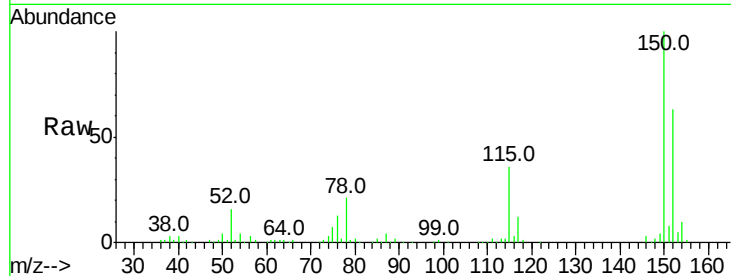


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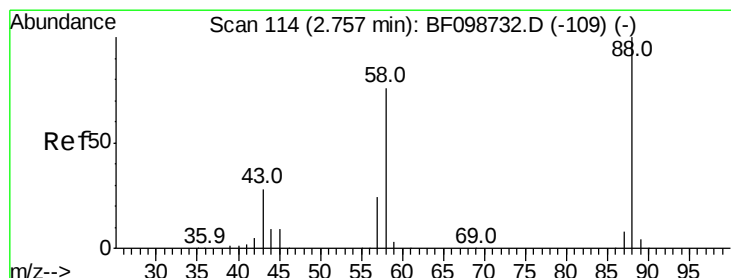
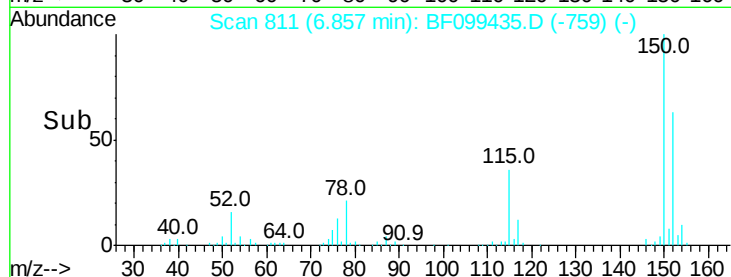
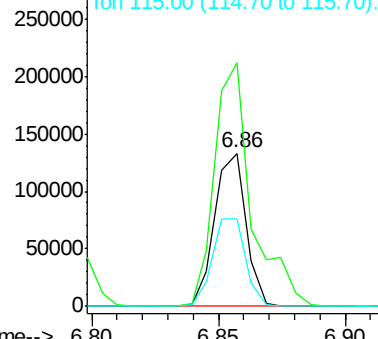
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:152 Resp: 115000
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 57.6 50.1 75.1



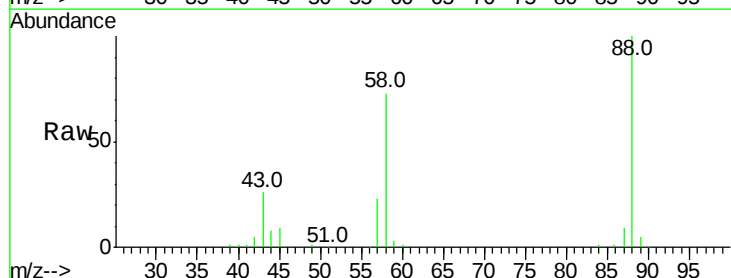
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



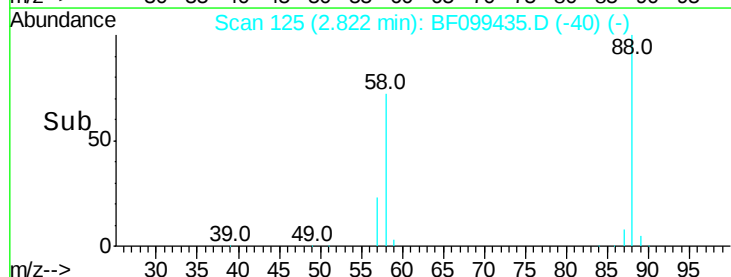
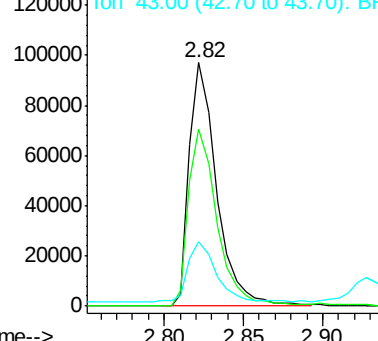
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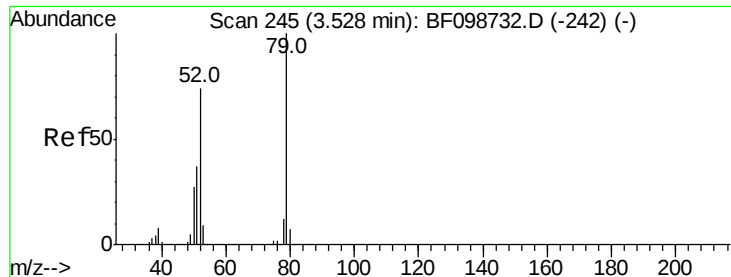
1,4-Dioxane
Concen: 33.953 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.20 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion: 88 Resp: 117165
Ion Ratio Lower Upper
88 100
58 76.1 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.232 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.15 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

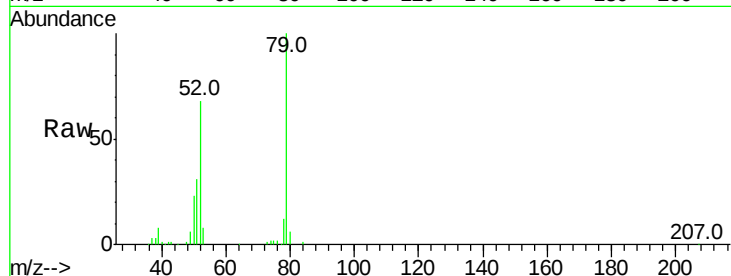
Tot Ion: 79 Resp: 244882

Ion Ratio Lower Upper

79 100

52 67.7 59.8 89.6

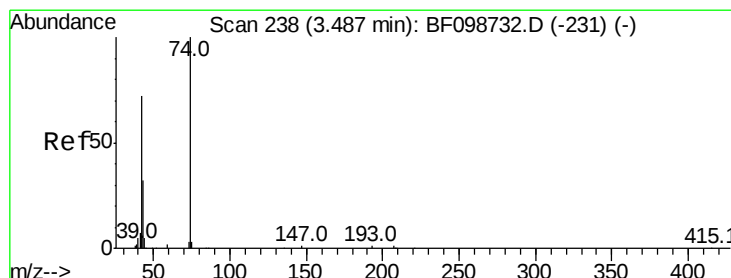
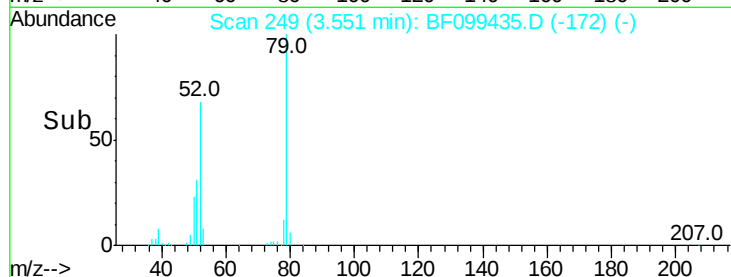
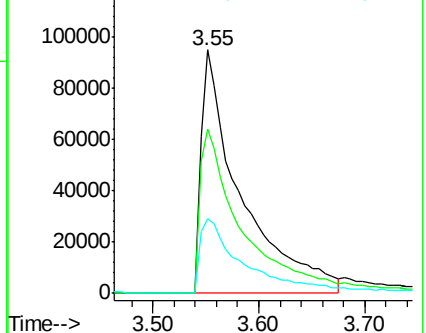
51 30.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.470 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.13 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

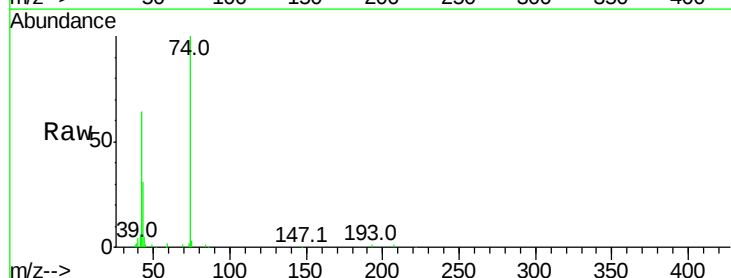
Tgt Ion: 42 Resp: 132494

Ion Ratio Lower Upper

42 100

74 155.4 104.9 157.3

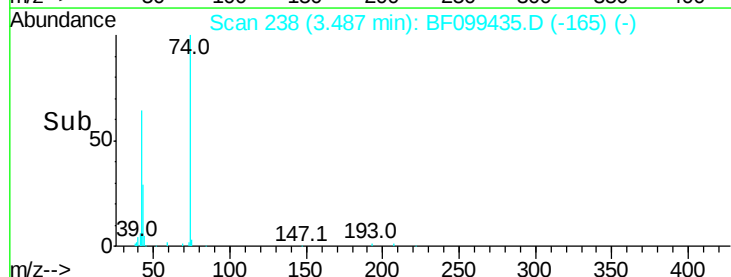
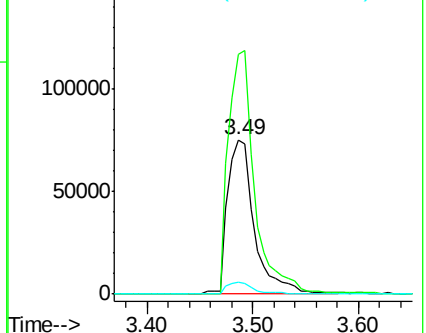
44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.787 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.03 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

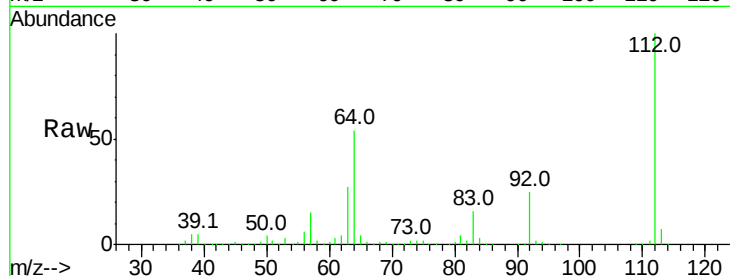
Tot Ion:112 Resp: 807554

Ion Ratio Lower Upper

112 100

64 53.6 47.9 71.9

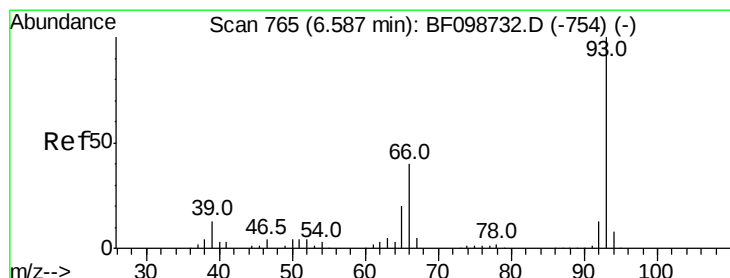
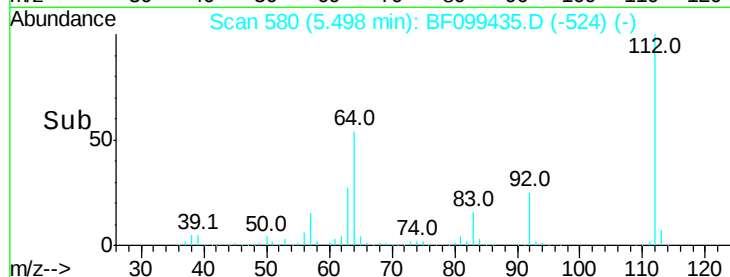
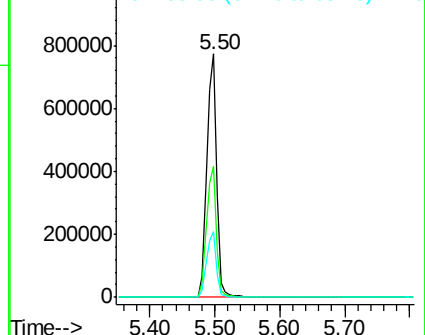
63 26.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.650 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

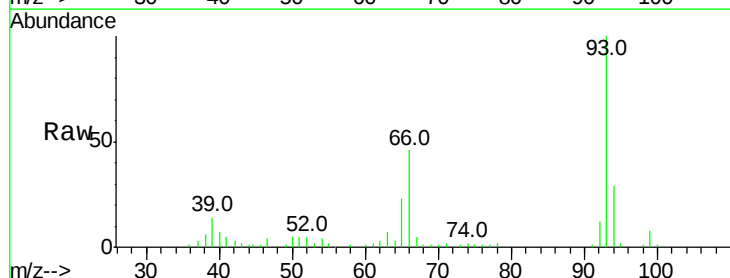
Tgt Ion: 93 Resp: 116062

Ion Ratio Lower Upper

93 100

66 46.4 32.2 48.2

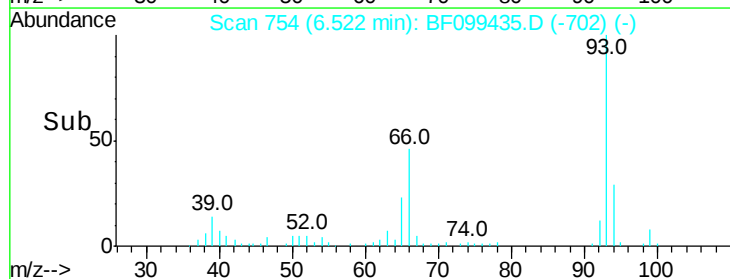
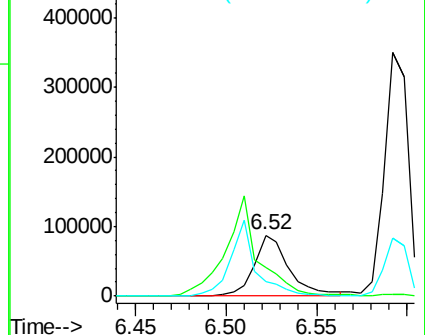
65 23.1 16.4 24.6

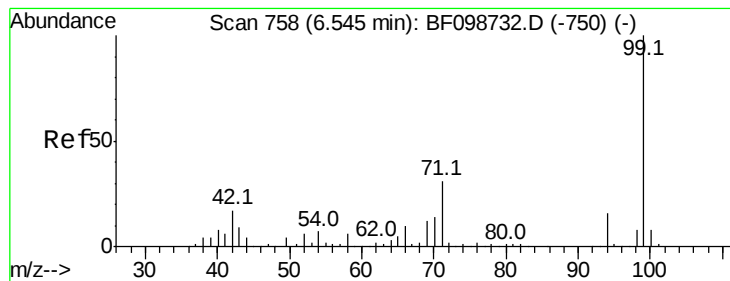


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.061 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

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ClientSampleId :

SU-04-101017MSD

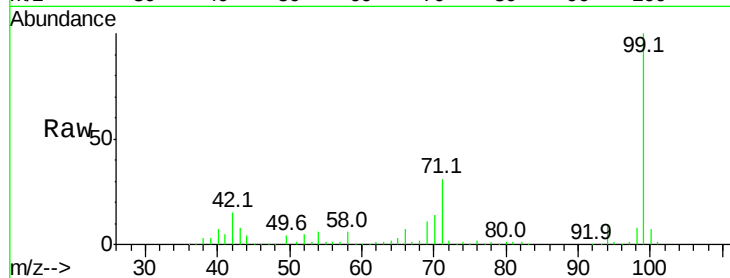
Tot Ion: 99 Resp: 900624

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

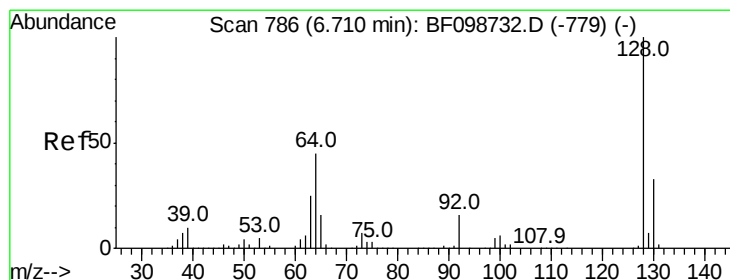
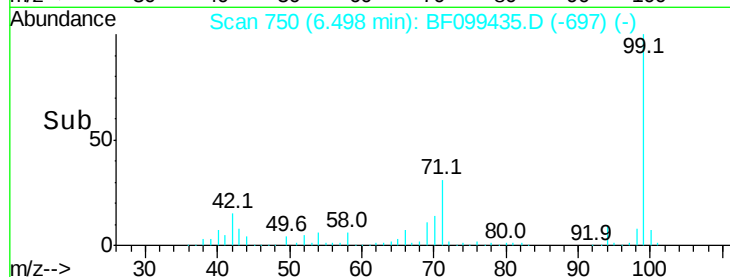
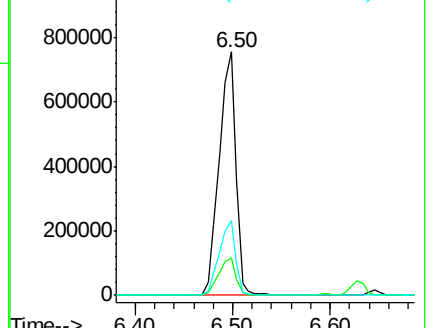
71 30.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.699 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

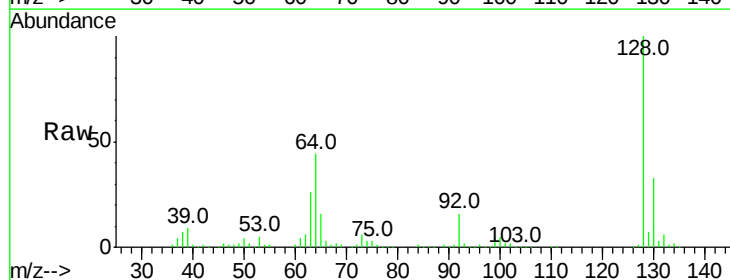
Tgt Ion:128 Resp: 316593

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

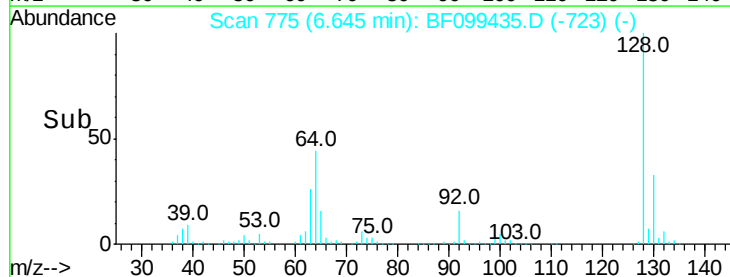
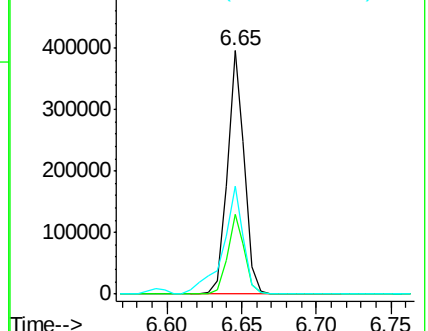
64 44.5 29.4 69.4

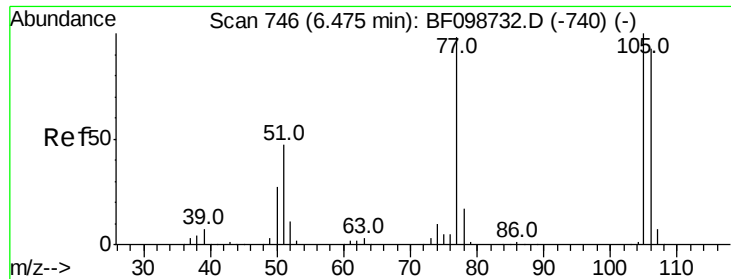


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.991 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

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ClientSampleId :

SU-04-101017MSD

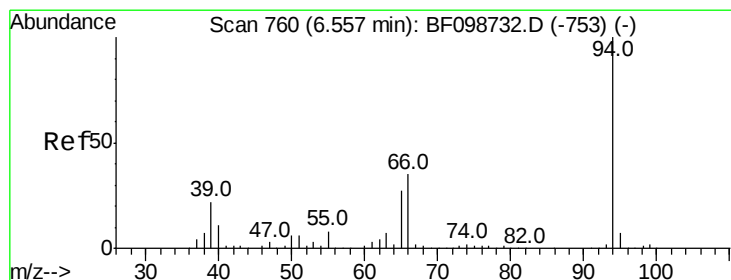
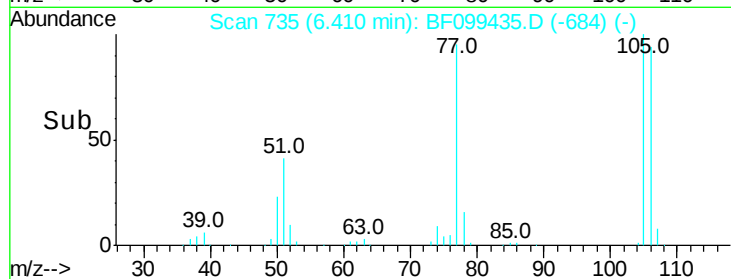
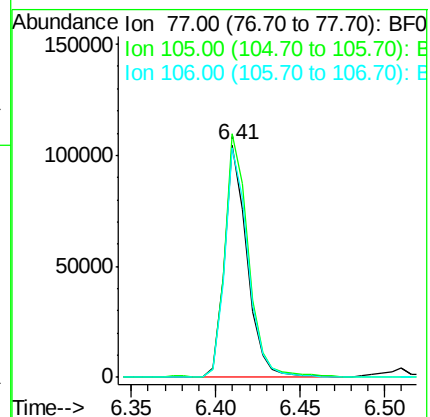
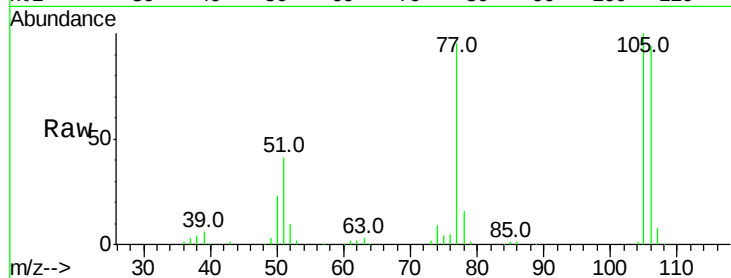
Tot Ion: 77 Resp: 98171

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

106 98.9 74.5 114.5



#10

Phenol

Concen: 33.507 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

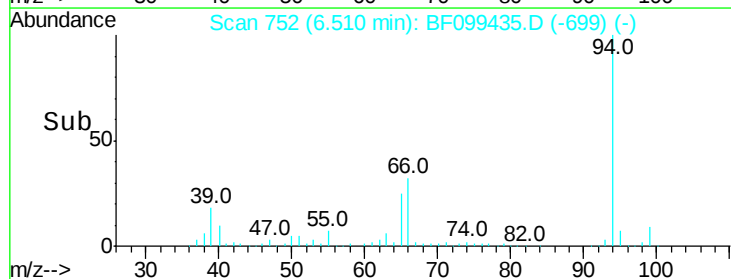
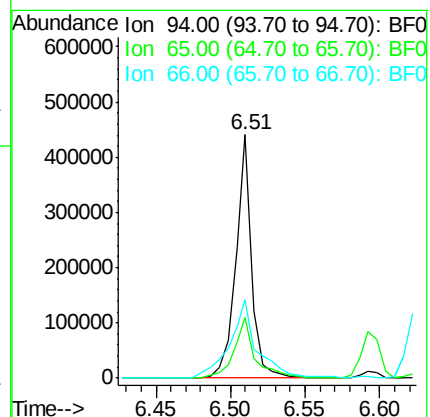
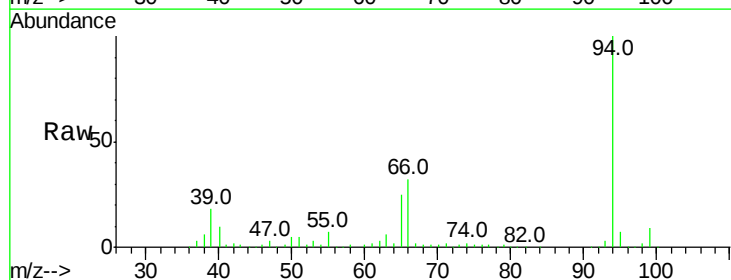
Tgt Ion: 94 Resp: 333957

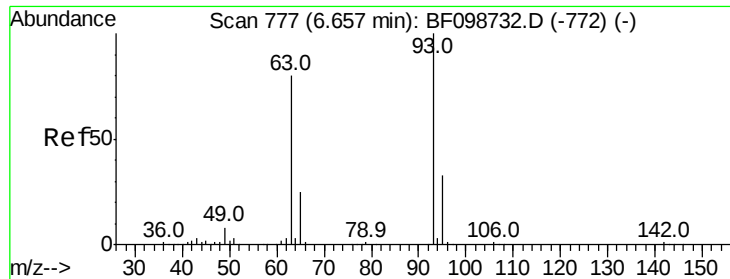
Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

66 32.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.682 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

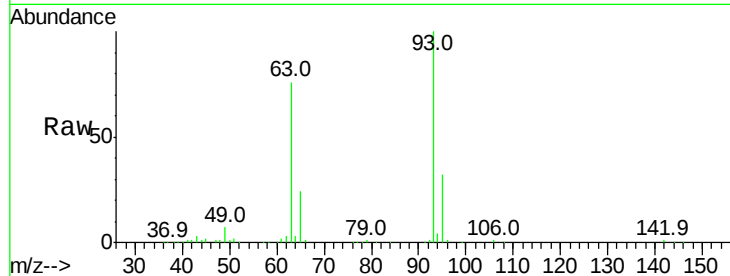
Tot Ion: 93 Resp: 315213

Ion Ratio Lower Upper

93 100

63 76.2 58.6 98.6

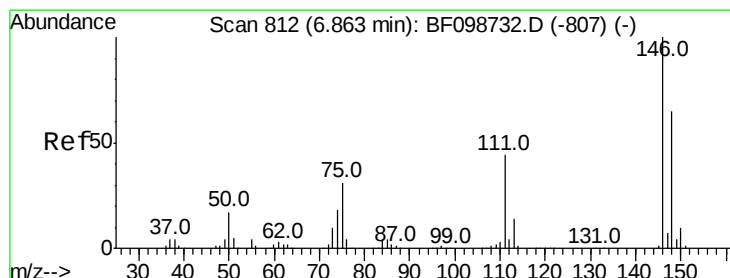
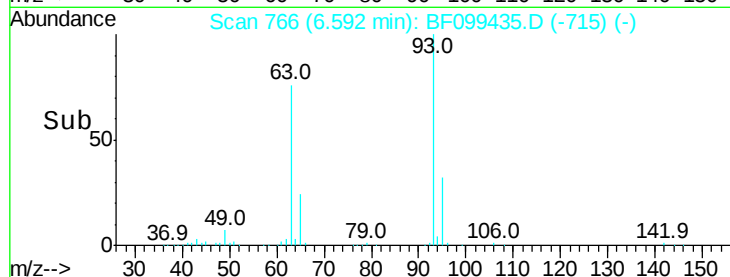
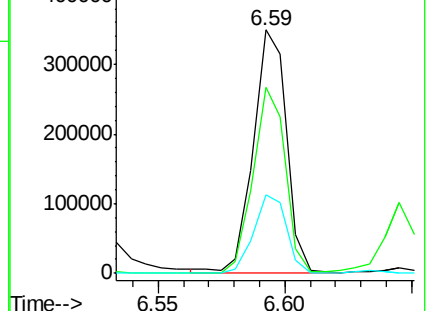
95 32.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.976 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

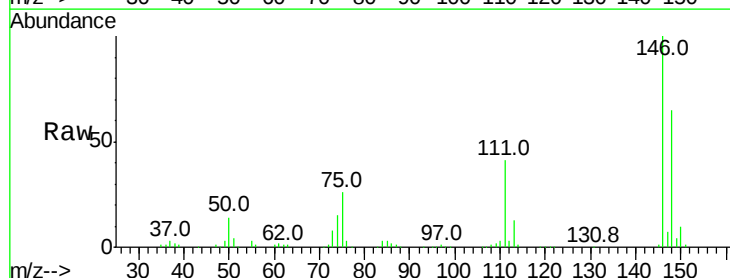
Tgt Ion: 146 Resp: 342507

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

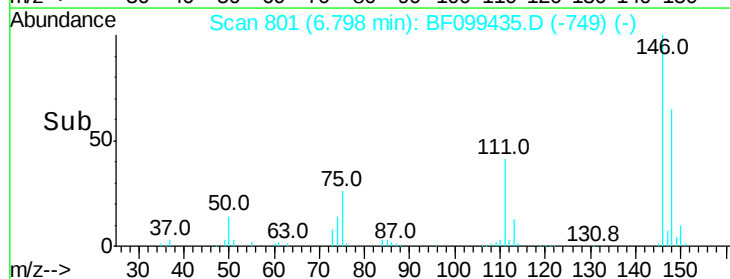
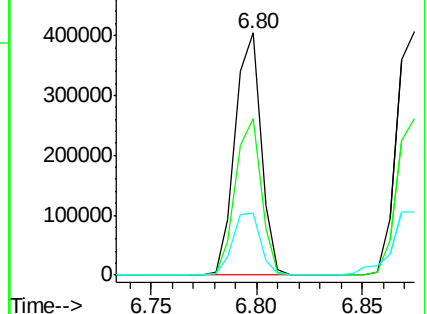
75 25.8 24.2 36.4

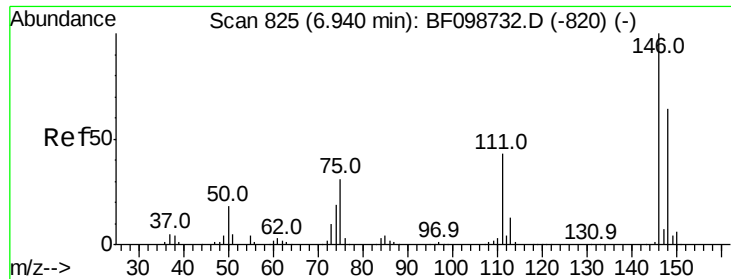


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.113 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

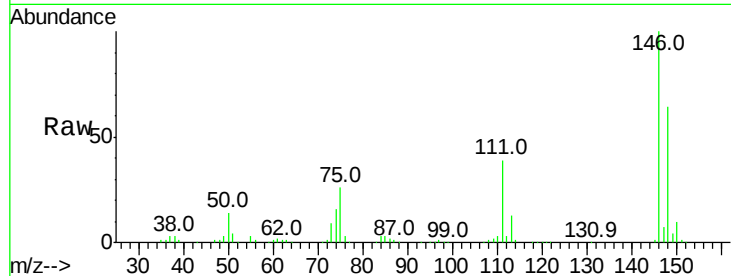
Tot Ion:146 Resp: 349672

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

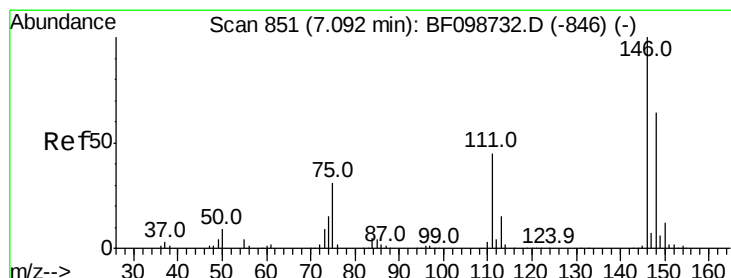
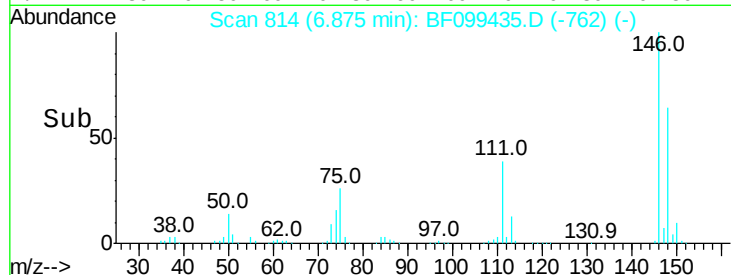
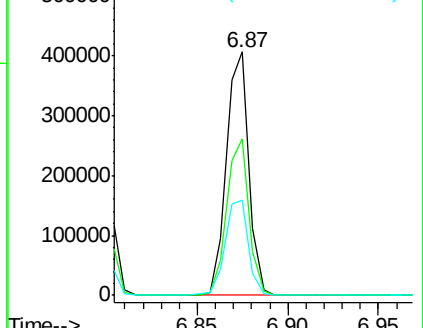
111 39.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.844 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

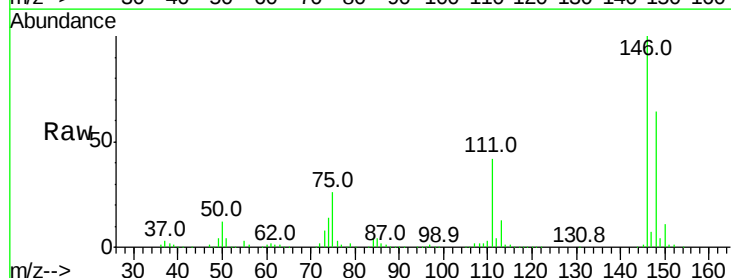
Tgt Ion:146 Resp: 320926

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

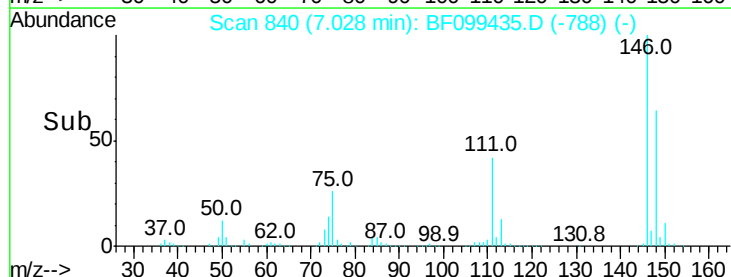
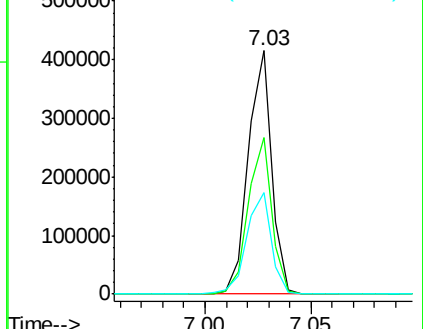
111 41.6 36.0 54.0

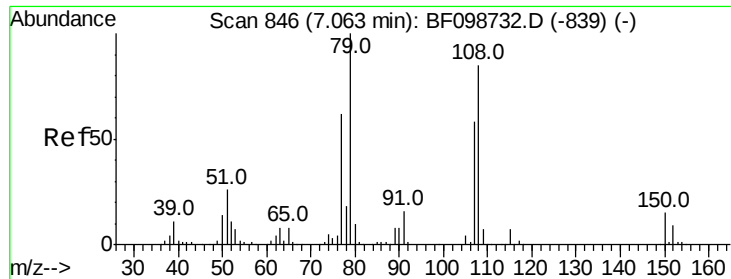


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

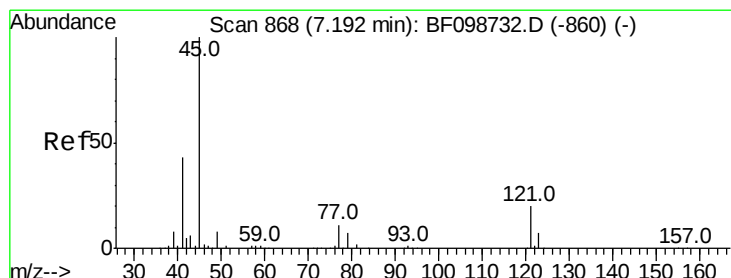
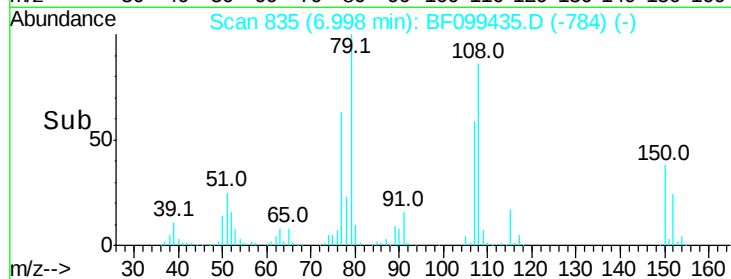
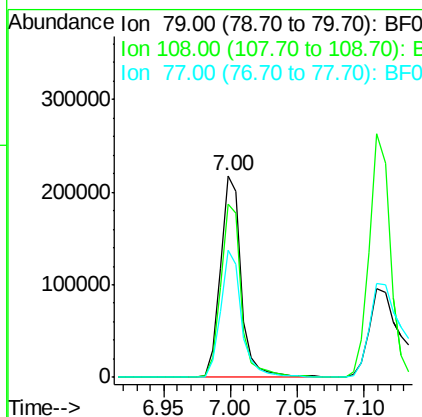
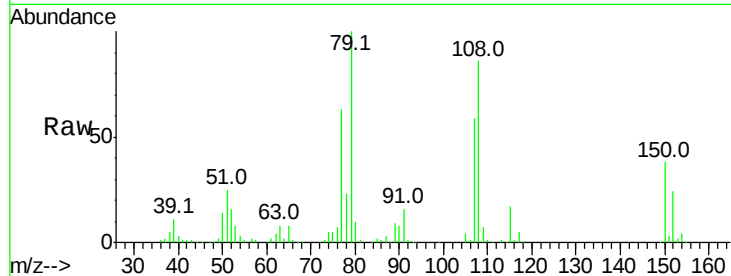




#15
Benzyl Alcohol
Concen: 36.869 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

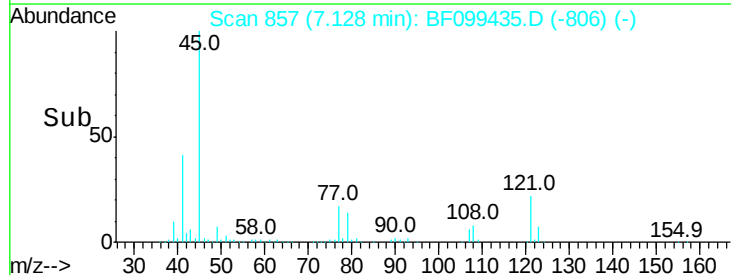
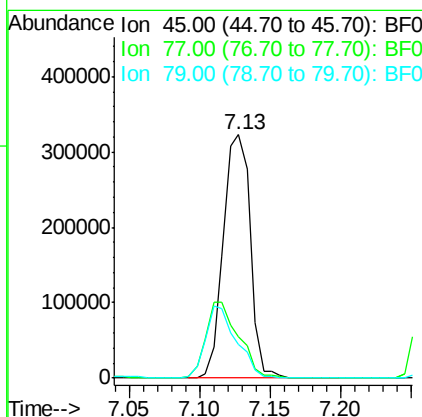
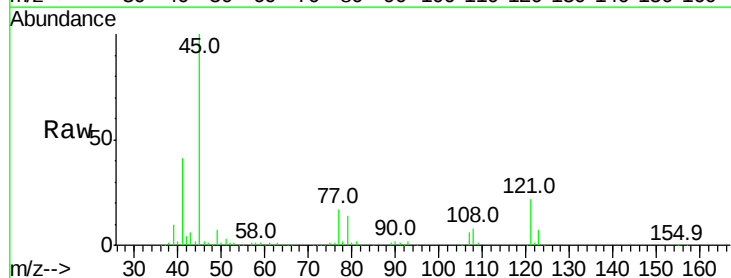
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

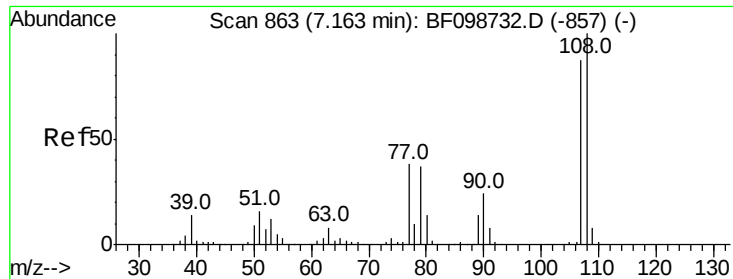
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.9	65.1	97.7
77	63.1	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.514 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	32.9
79	13.9	0.0	29.6

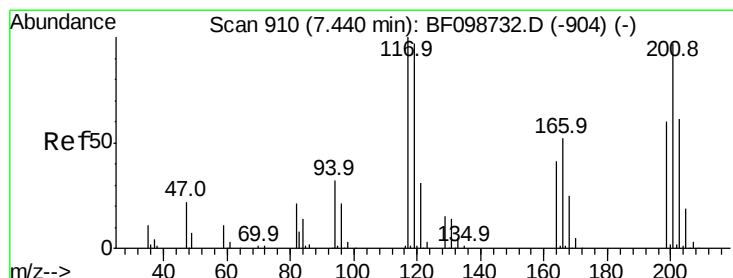
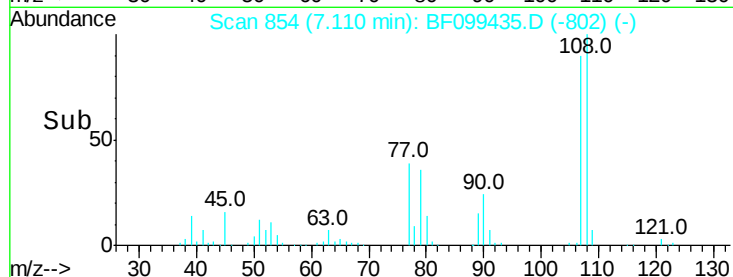
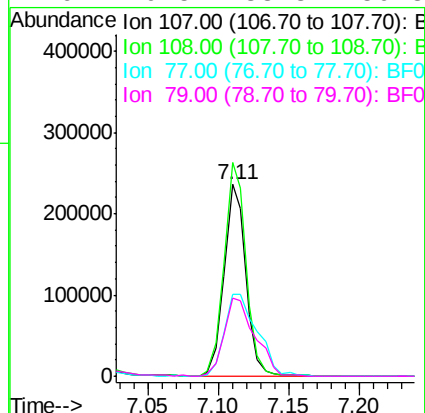
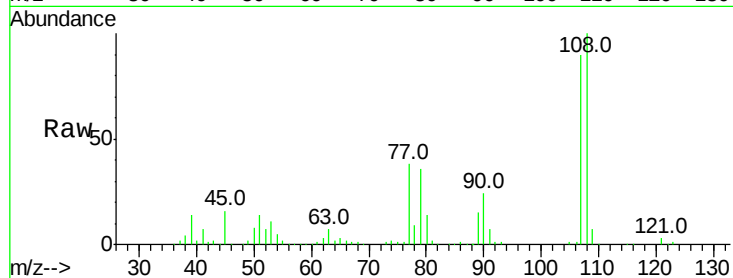




#17
2-Methylphenol
Concen: 37.688 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

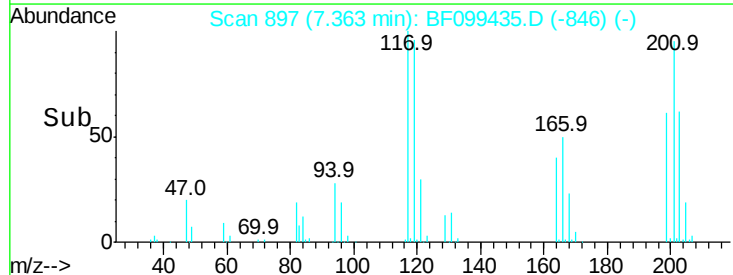
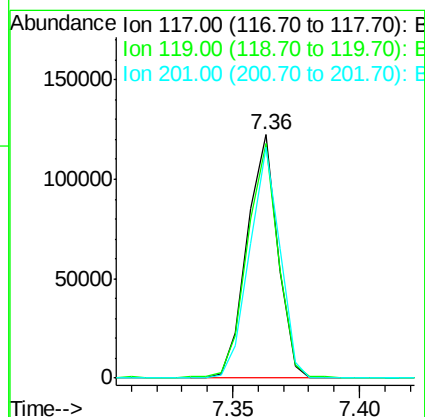
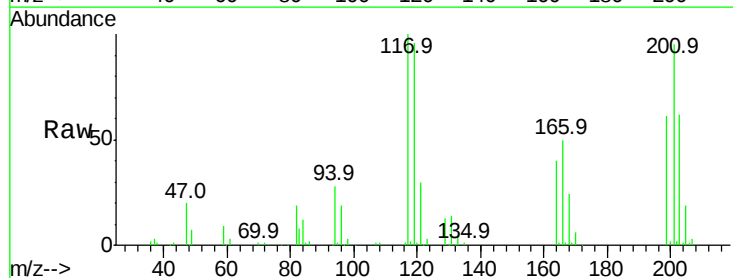
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

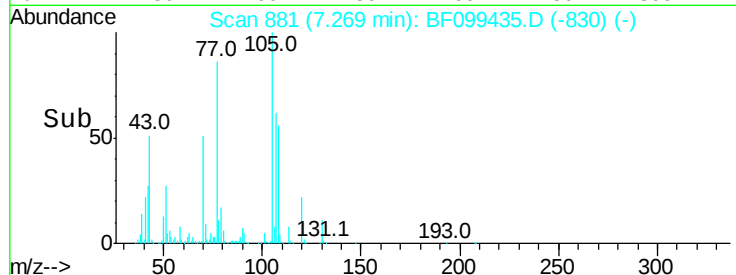
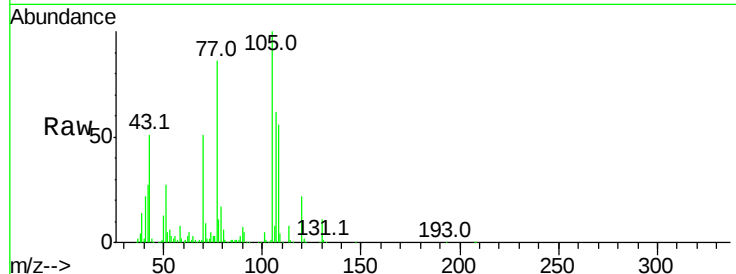
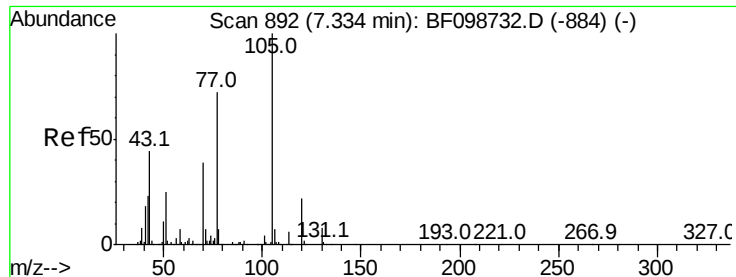
Tot Ion:107 Resp: 252276
Ion Ratio Lower Upper
107 100
108 111.5 91.7 137.5
77 42.9 33.8 50.8
79 40.5 33.8 50.8



#18
Hexachloroethane
Concen: 32.978 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:117 Resp: 103330
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 94.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.508 ng

RT: 7.27 min Scan# 881

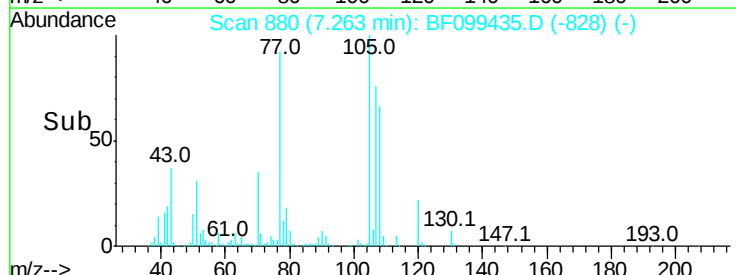
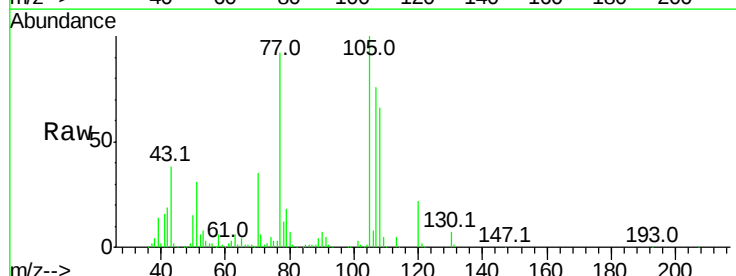
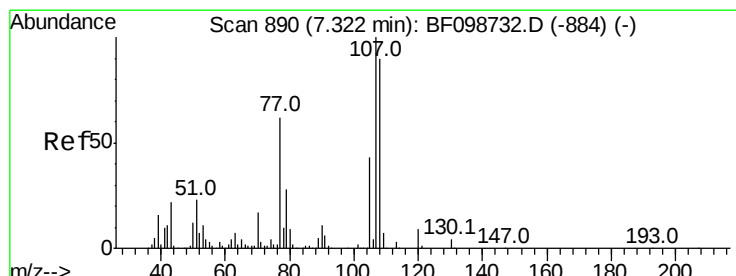
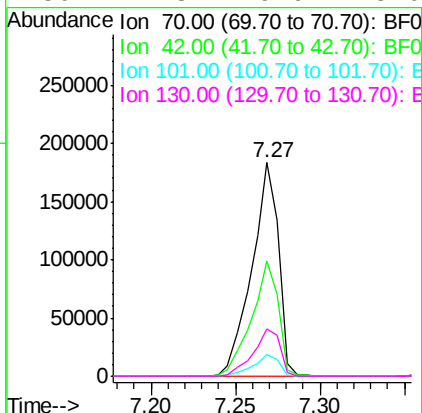
Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion	70	Resp	202032
Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	10.1	7.4	11.2
130	22.3	16.6	25.0



#20

3+4-Methylphenols

Concen: 35.107 ng

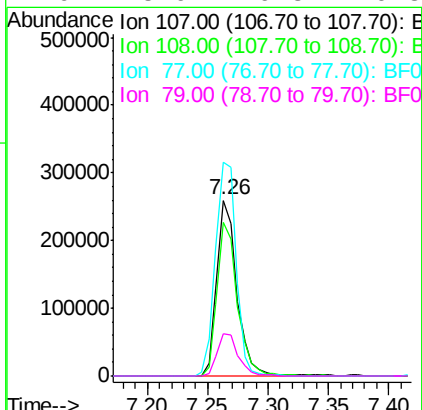
RT: 7.26 min Scan# 880

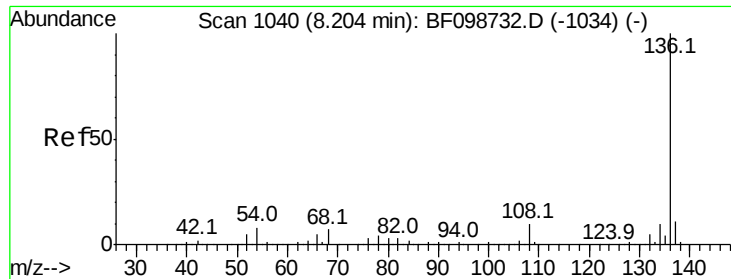
Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Tgt Ion	107	Resp	297293
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	121.4	26.7	66.7#
79	23.9	6.3	46.3

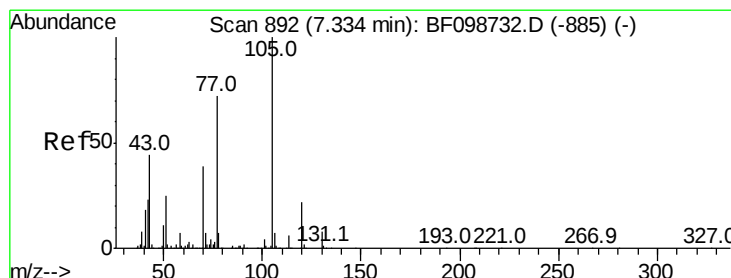
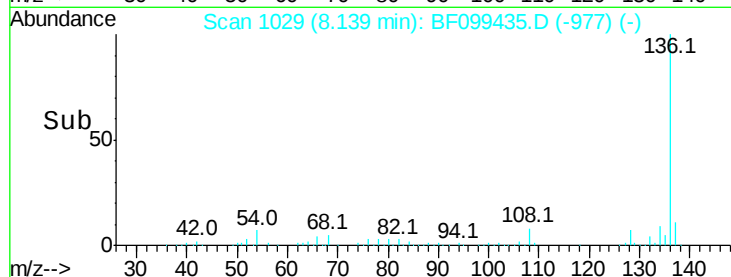
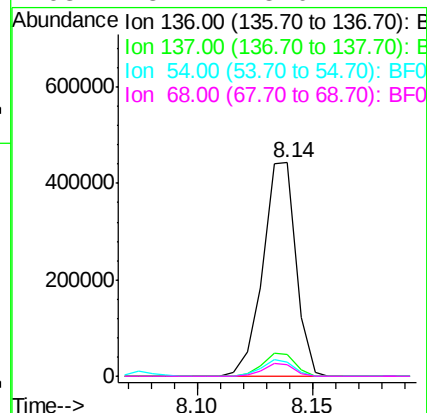
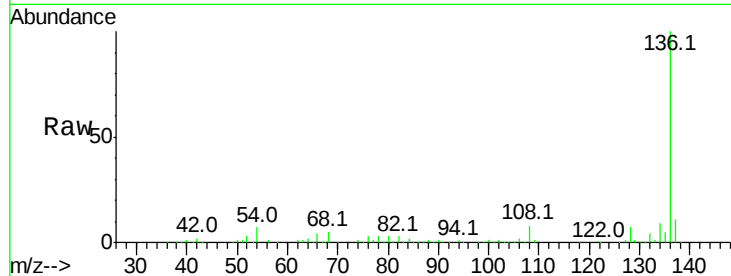




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

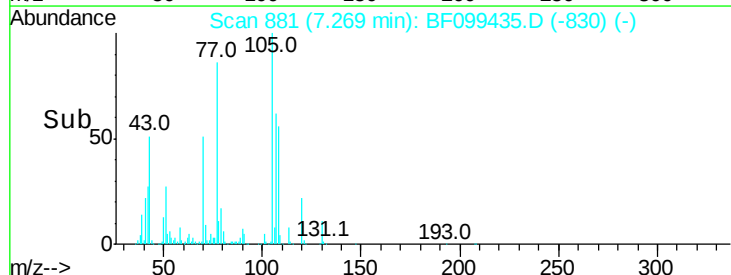
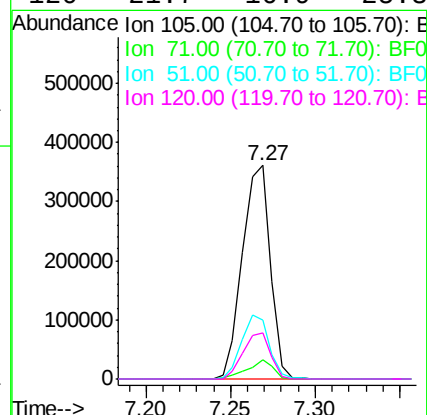
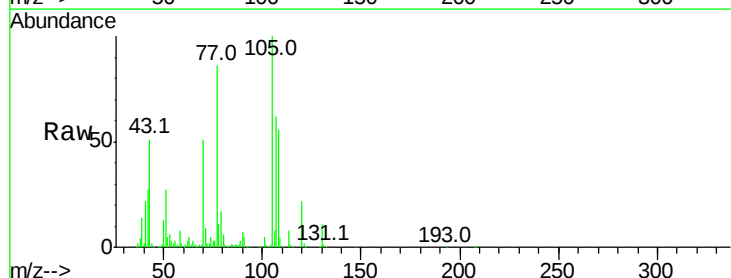
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

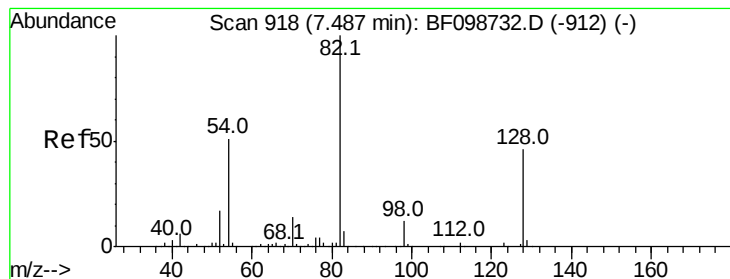
Tot Ion:136	Resp:	443735
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.5	6.6 9.8#
68	5.2	5.0 7.4



#22
Acetophenone
Concen: 38.796 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:105	Resp:	417090
Ion Ratio	Lower	Upper
105	100	
71	8.9	4.4 6.6#
51	27.5	22.3 33.5
120	21.7	16.9 25.3





#23

Nitrobenzene-d5

Concen: 87.602 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

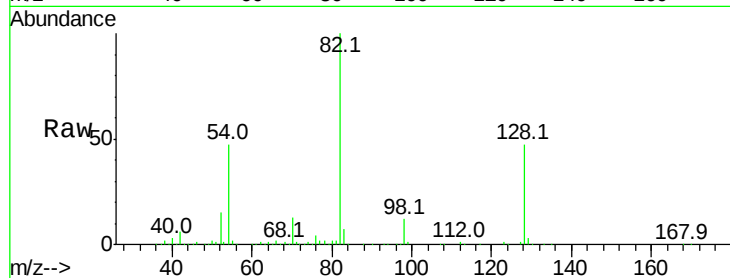
Tot Ion: 82 Resp: 606146

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

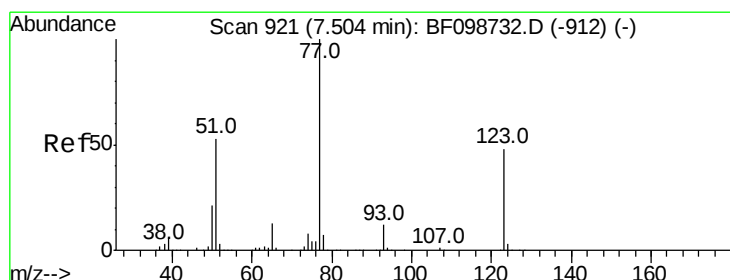
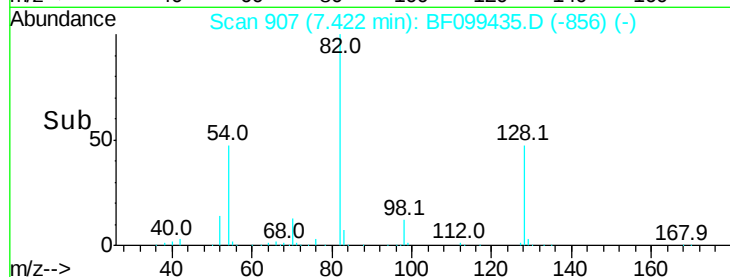
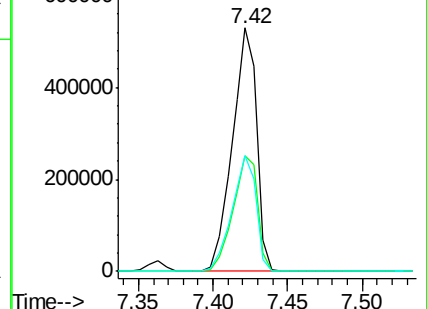
54 47.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.730 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

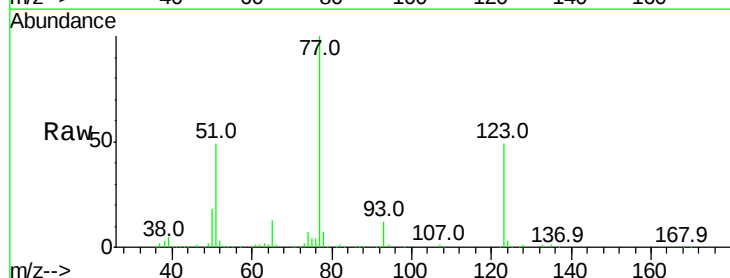
Tgt Ion: 77 Resp: 311841

Ion Ratio Lower Upper

77 100

123 48.8 37.9 56.9

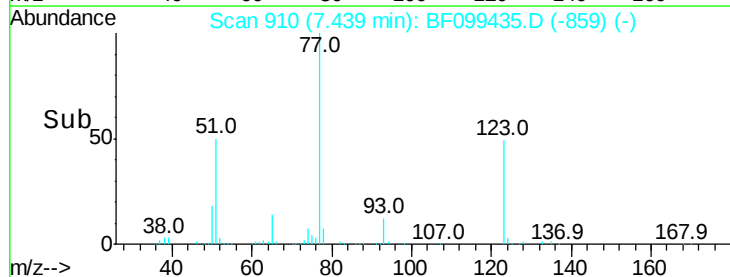
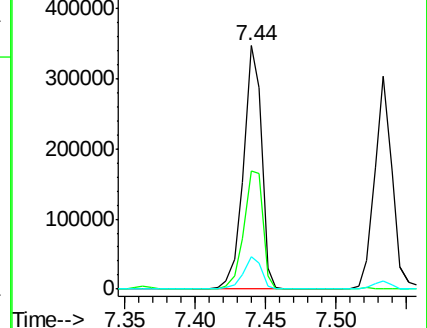
65 13.4 11.0 16.4

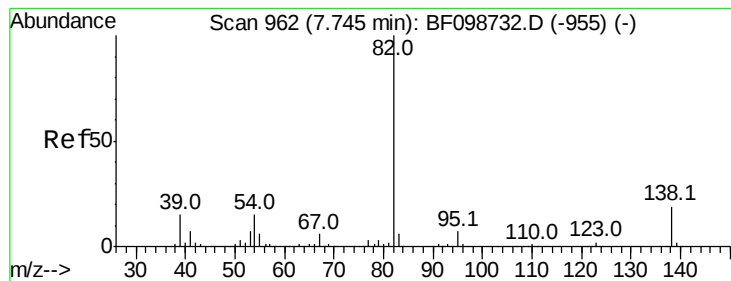


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.421 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

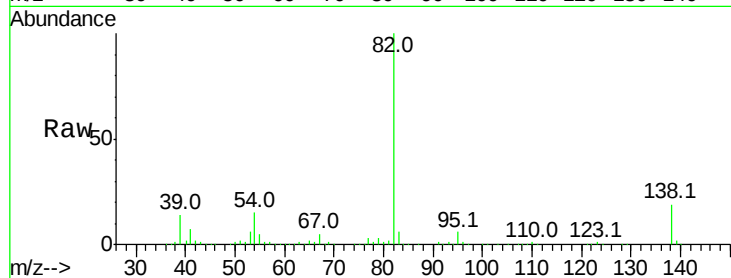
Tot Ion: 82 Resp: 578252

Ion Ratio Lower Upper

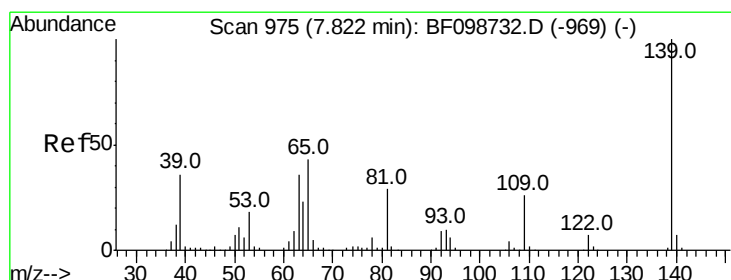
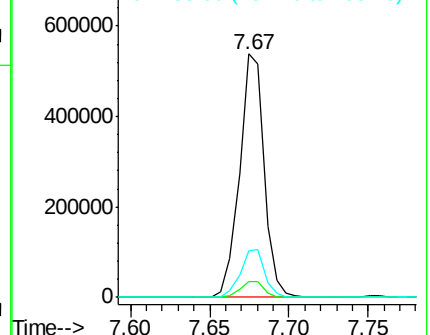
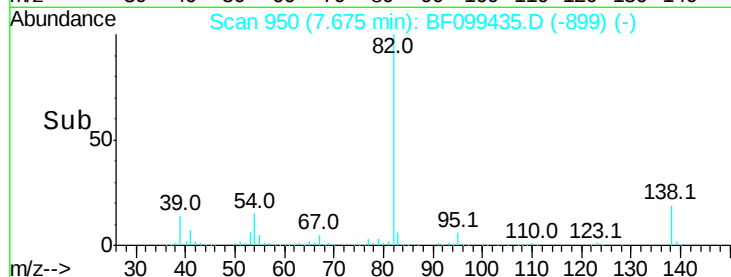
82 100

95 6.3 5.2 7.8

138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.706 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

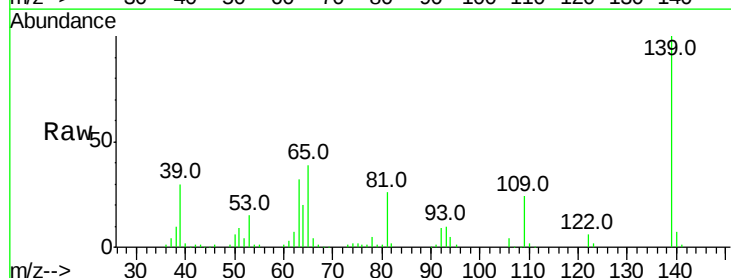
Tgt Ion: 139 Resp: 149868

Ion Ratio Lower Upper

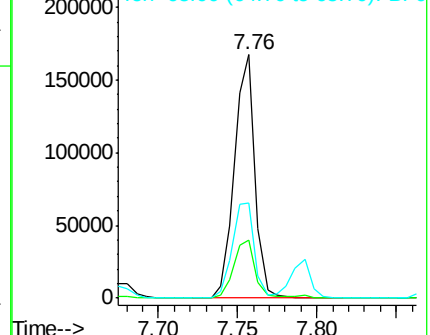
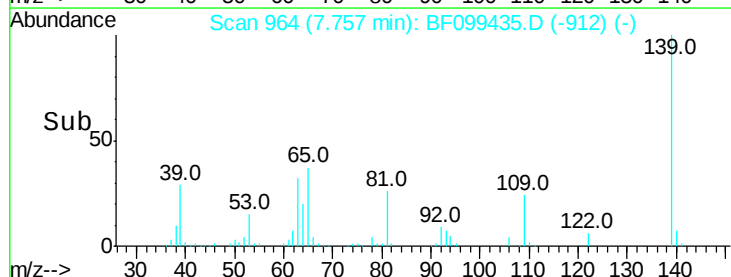
139 100

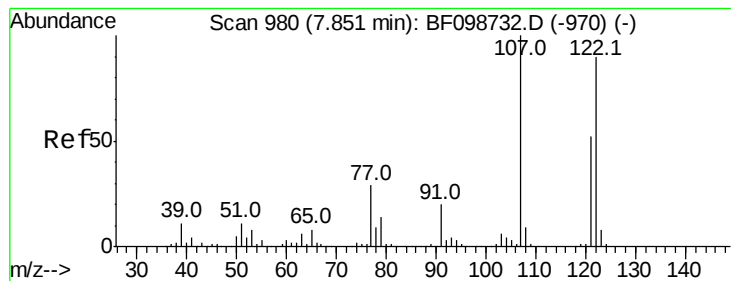
109 24.0 22.7 34.1

65 39.0 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.420 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

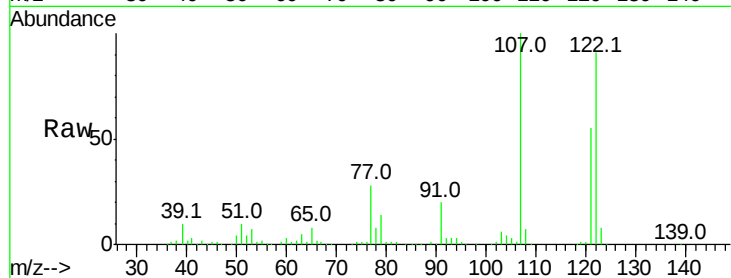
Tot Ion:122 Resp: 266733

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

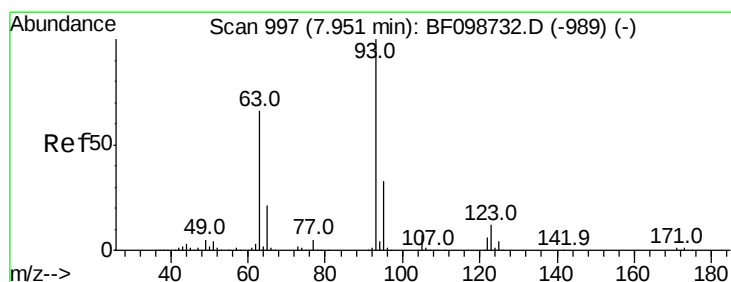
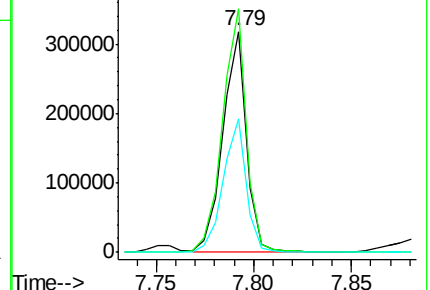
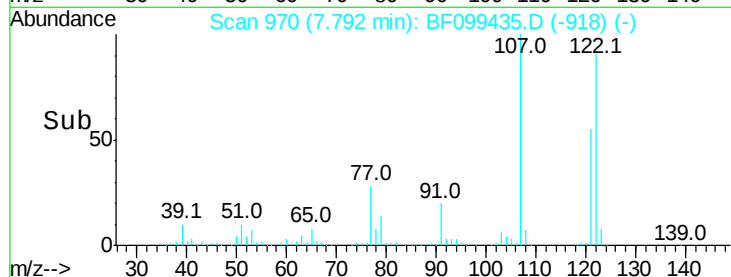
121 60.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.573 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

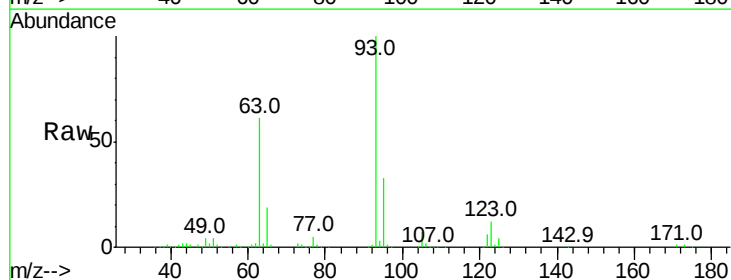
Tgt Ion: 93 Resp: 379540

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

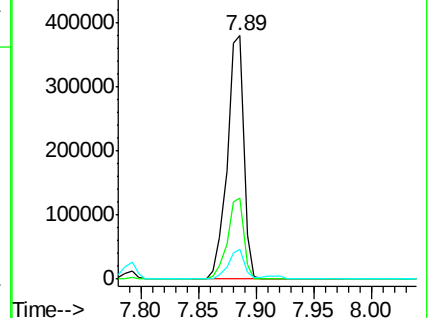
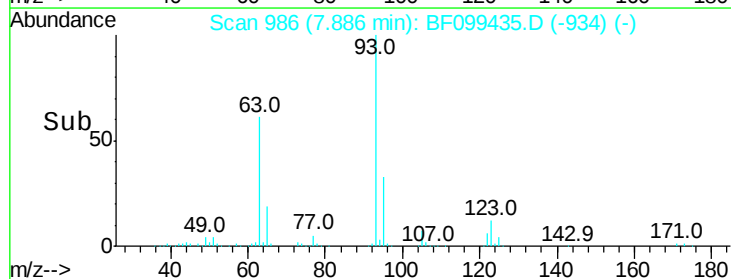
123 12.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

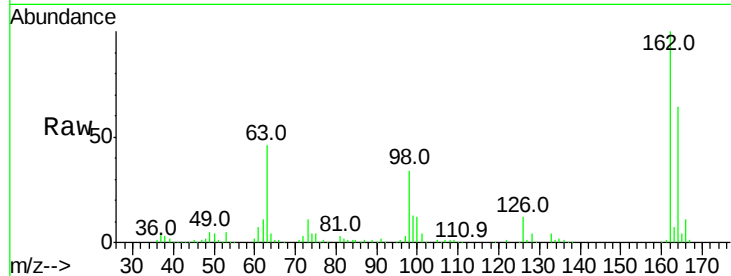




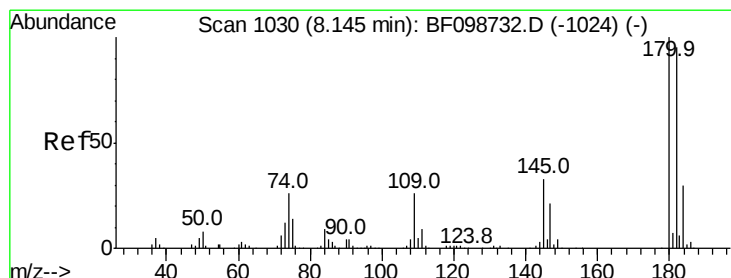
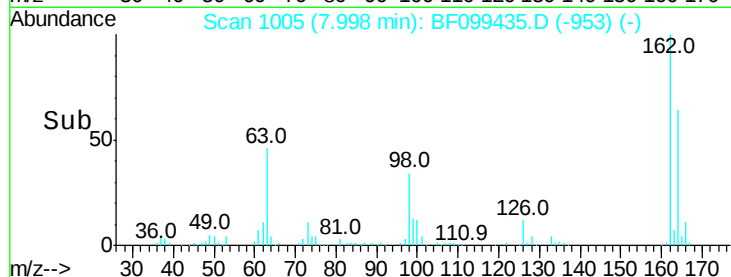
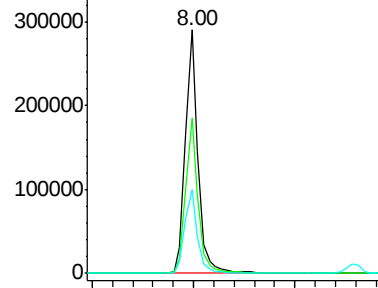
#29
2,4-Dichlorophenol
Concen: 41.407 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:162 Resp: 253410
Ion Ratio Lower Upper
162 100
164 63.6 42.7 82.7
98 34.3 18.1 58.1

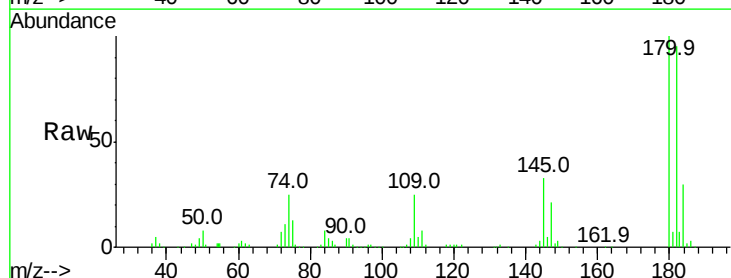


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

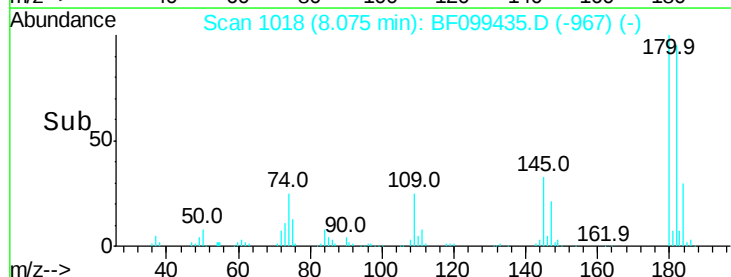
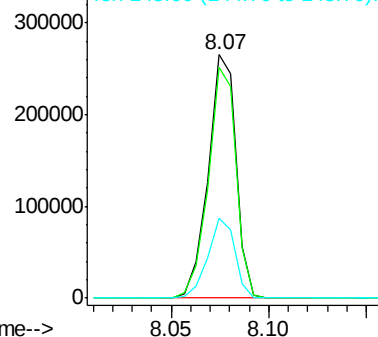


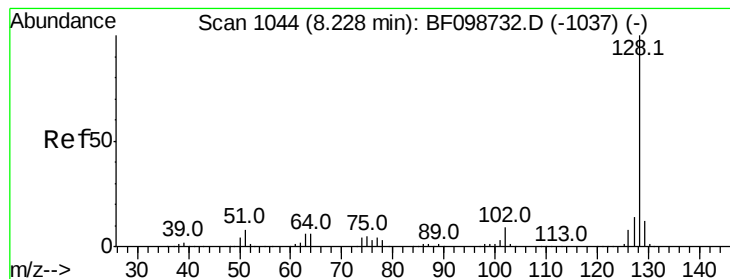
#30
1,2,4-Trichlorobenzene
Concen: 42.611 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:180 Resp: 260817
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 32.6 26.5 39.7



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





#31

Naphthalene

Concen: 41.984 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

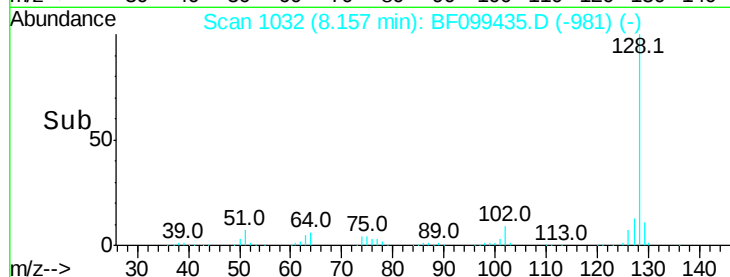
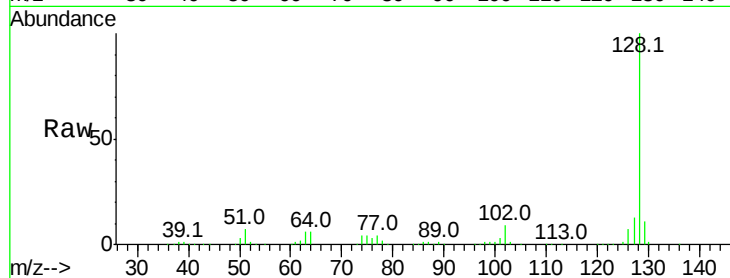
Tot Ion:128 Resp: 874974

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

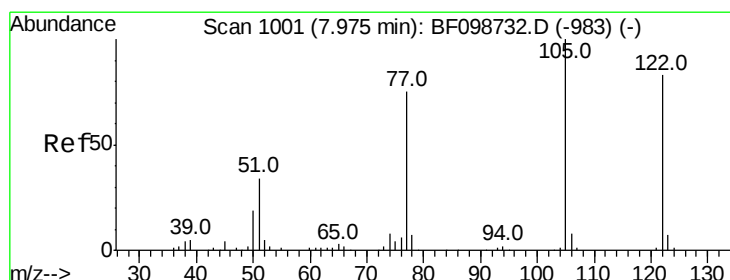
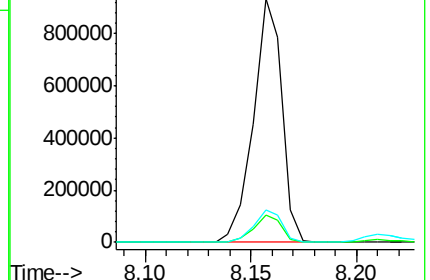
127 13.4 10.9 16.3



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: 23.028 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

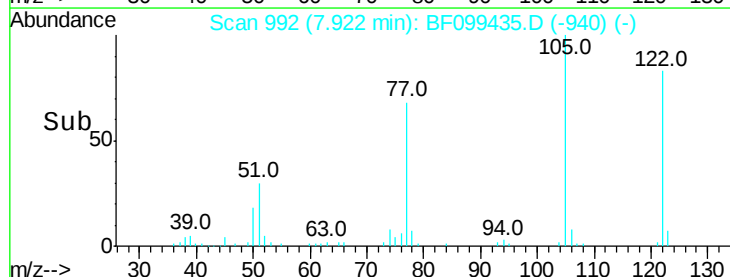
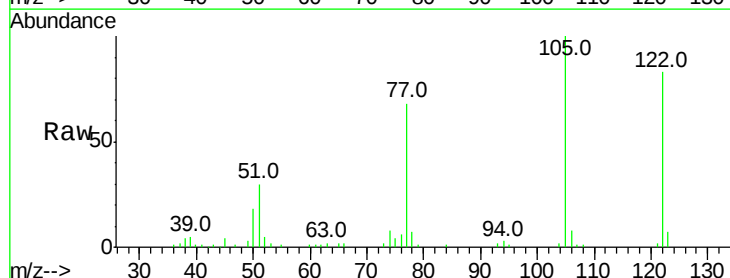
Tgt Ion:122 Resp: 134834

Ion Ratio Lower Upper

122 100

105 119.8 101.1 141.1

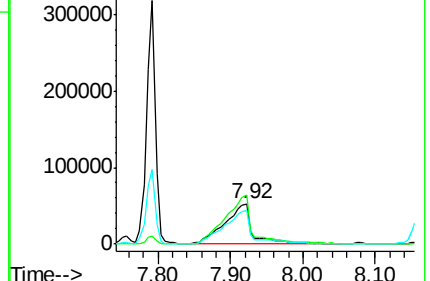
77 82.0 70.7 110.7

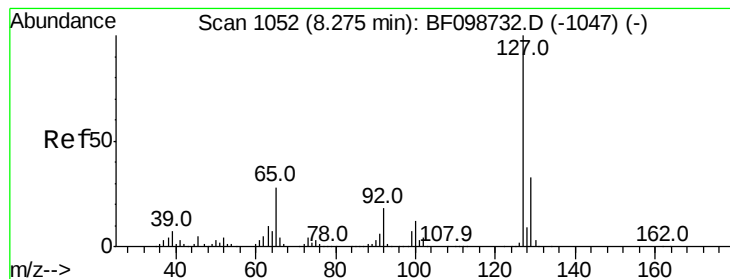


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.076 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

Tot Ion:127 Resp: 52880

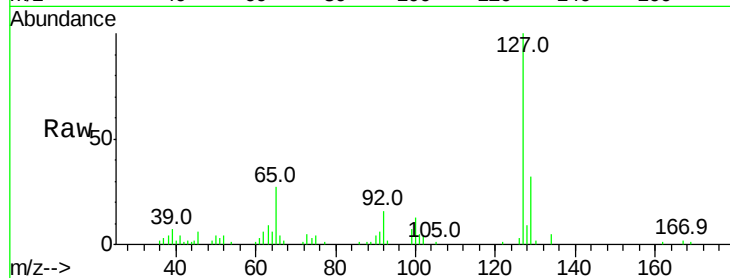
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 26.5 25.0 37.4

92 16.4 15.2 22.8

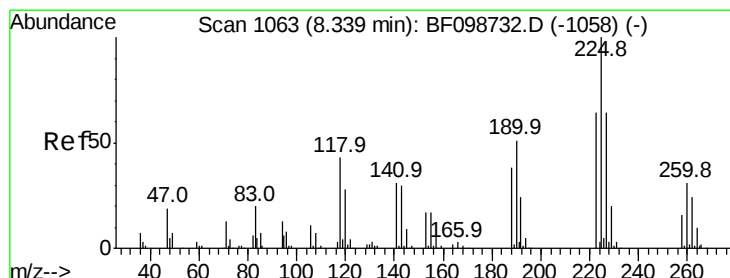
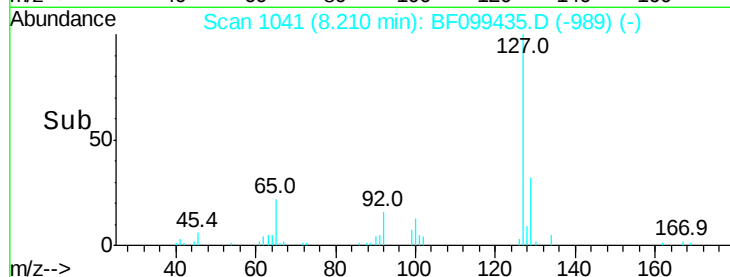
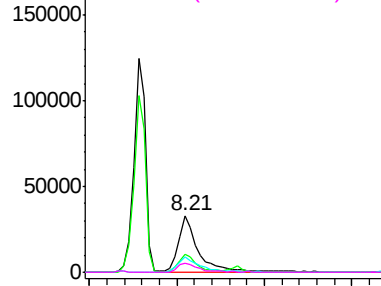


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.874 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

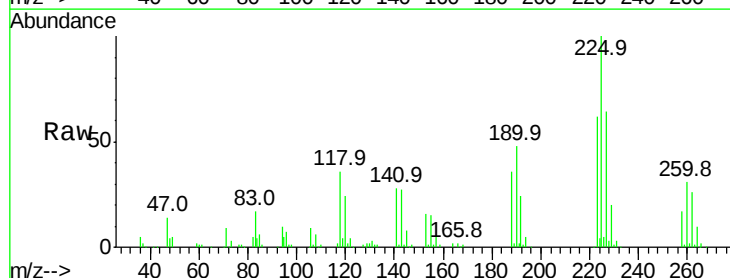
Tgt Ion:225 Resp: 132017

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

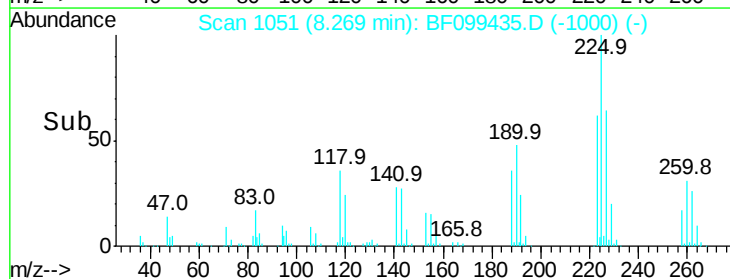
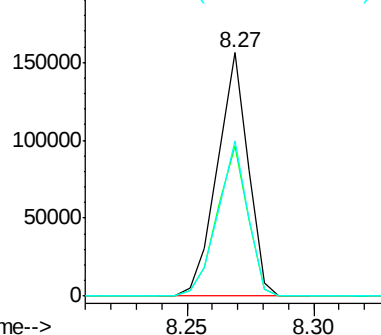
227 64.0 51.9 77.9

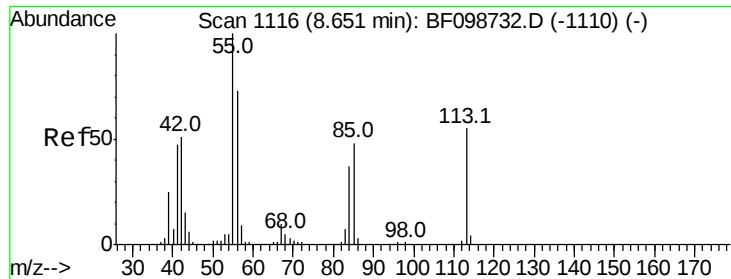


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

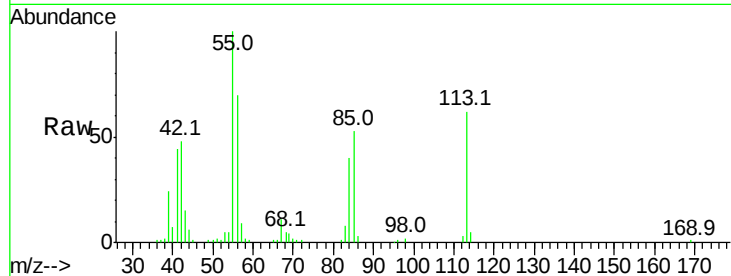




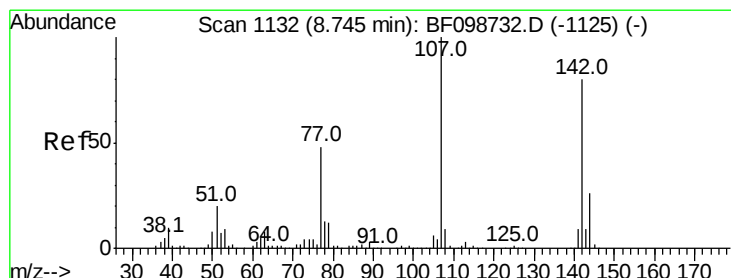
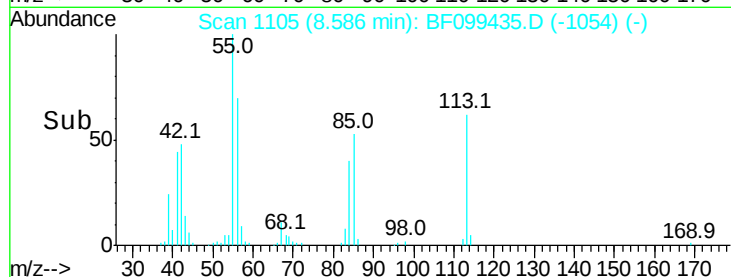
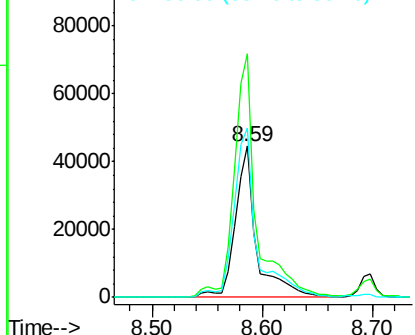
#35
Caprolactam
Concen: 30.661 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:113 Resp: 60192
Ion Ratio Lower Upper
113 100
55 161.2 163.3 203.3#
56 112.4 115.7 155.7#

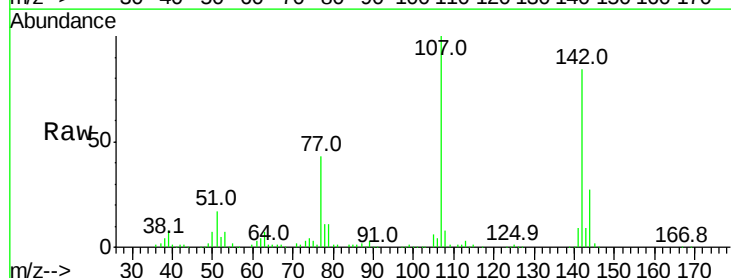


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

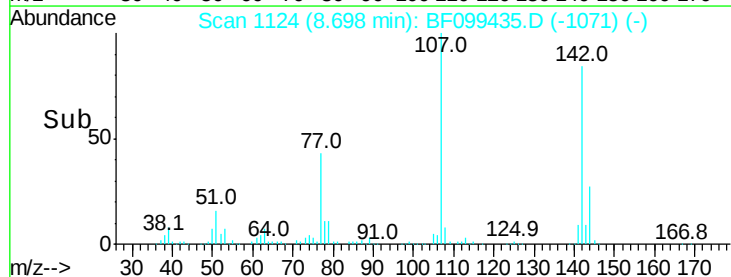
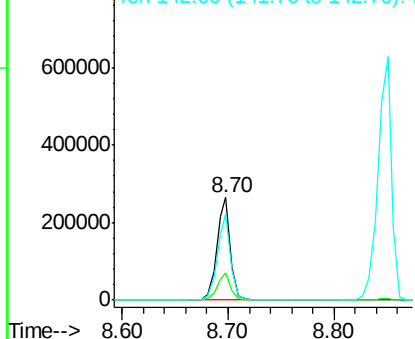


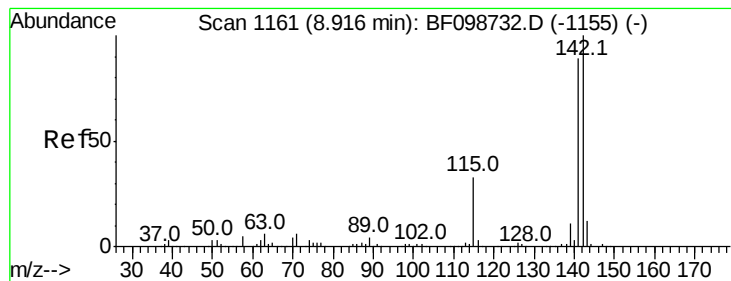
#36
4-Chloro-3-methylphenol
Concen: 35.015 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:107 Resp: 240861
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 83.5 62.0 93.0



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: 41.996 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

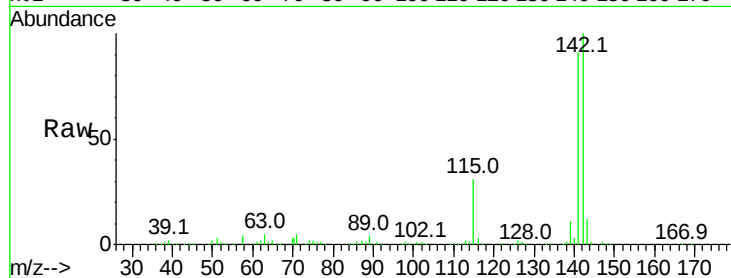
Tot Ion:142 Resp: 568966

Ion Ratio Lower Upper

142 100

141 91.4 70.8 106.2

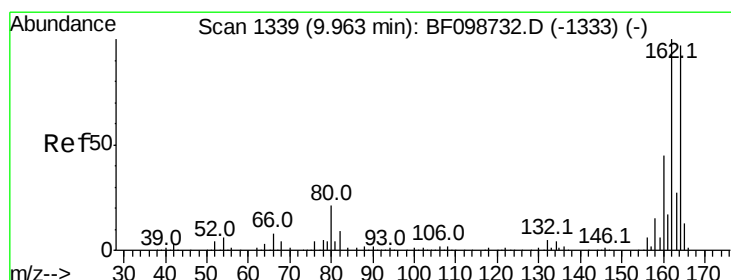
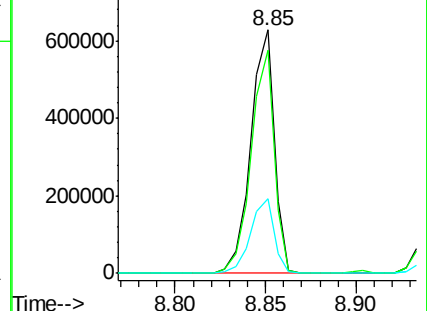
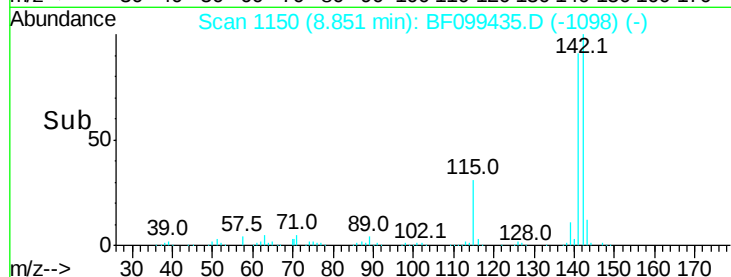
115 30.7 26.1 39.1



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: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

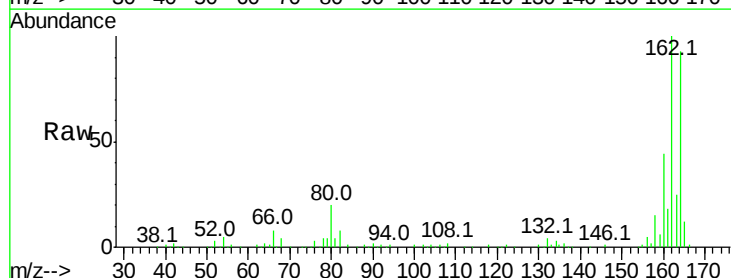
Tgt Ion:164 Resp: 166662

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

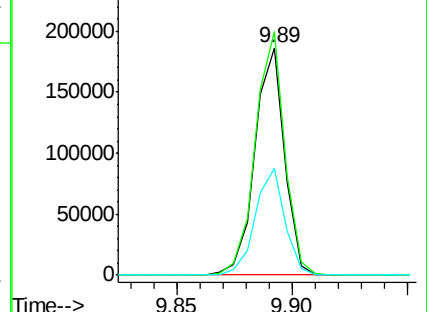
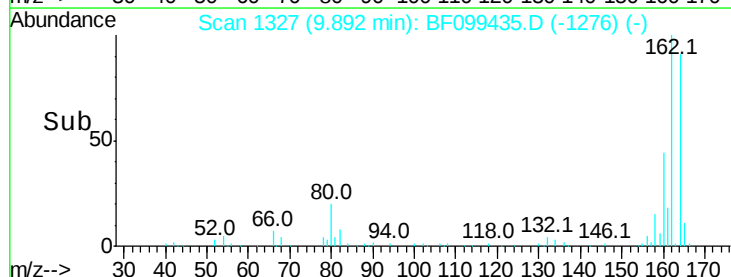
160 46.7 38.3 57.5

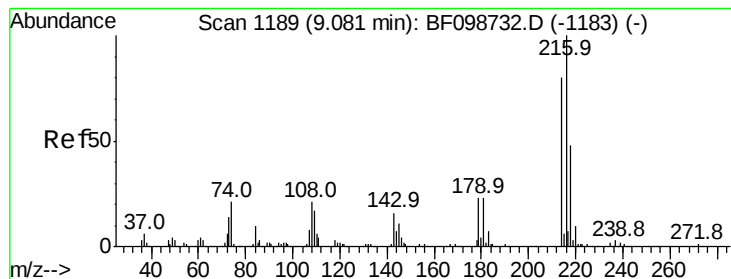


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.291 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

Tot Ion:216 Resp: 225110

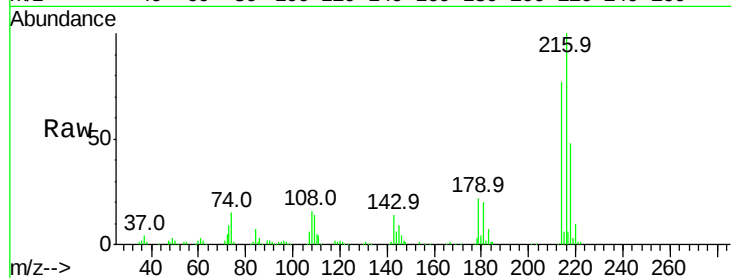
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 22.1 18.1 27.1

108 18.5 17.2 25.8

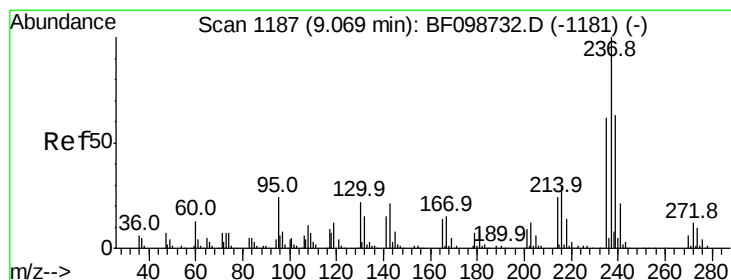
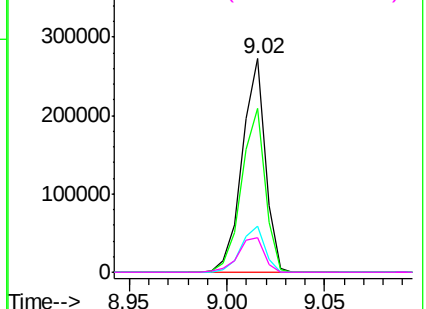
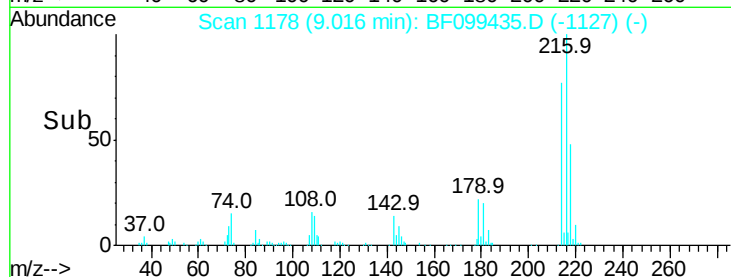


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.177 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

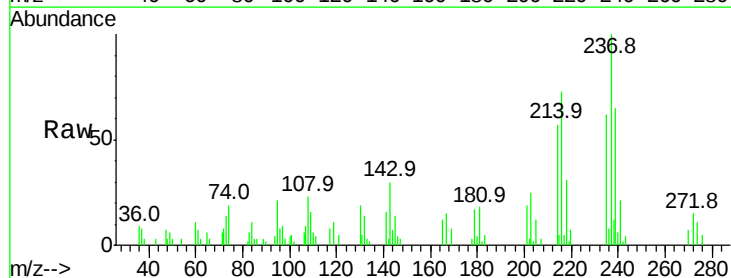
Tgt Ion:237 Resp: 18573

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

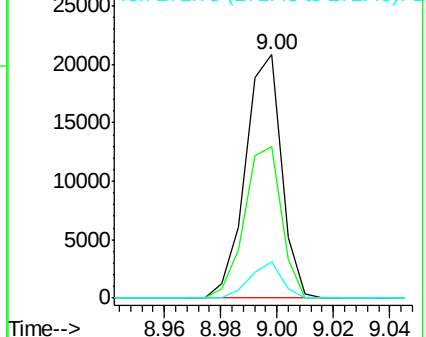
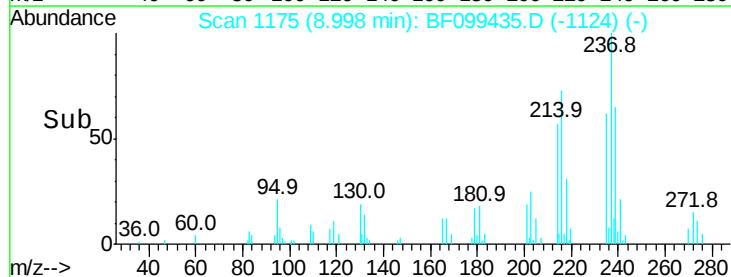
272 14.9 0.0 33.3



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

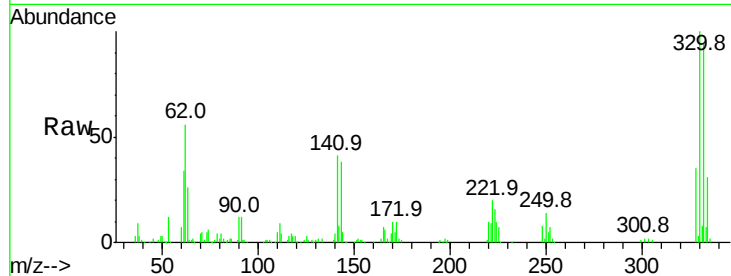




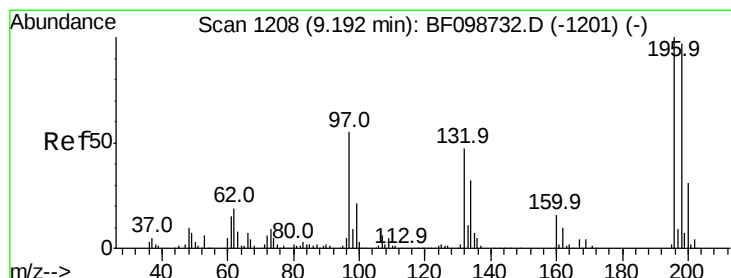
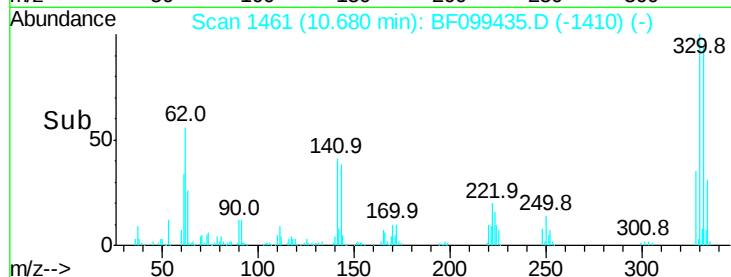
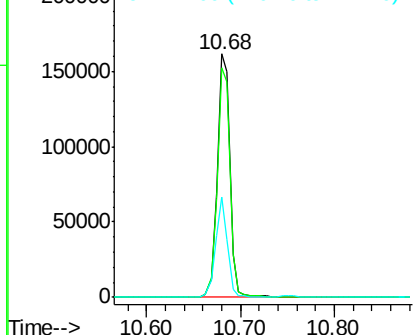
#41
 2,4,6-Tribromophenol
 Concen: 113.611 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion:330 Resp: 154936
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 38.3 29.9 44.9

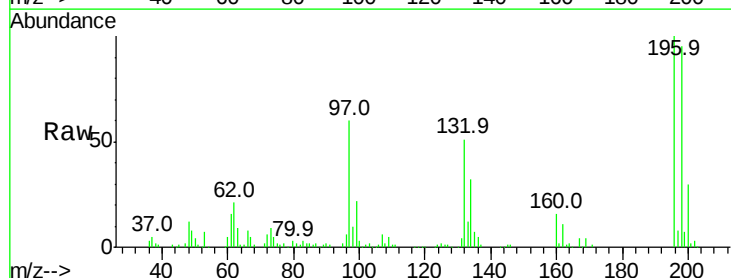


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

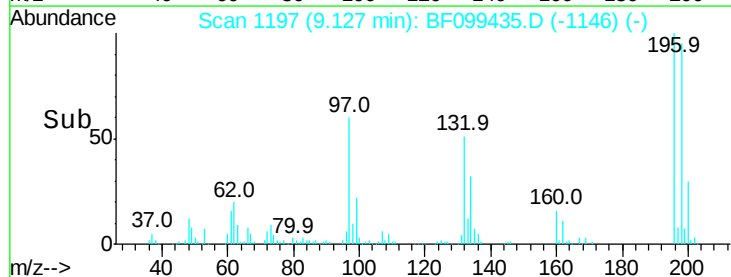
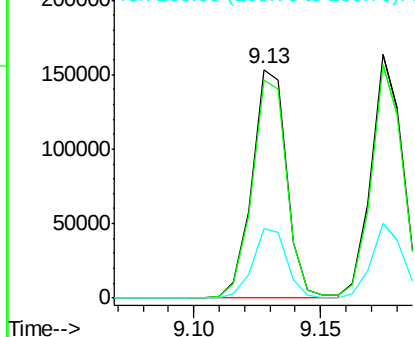


#42
 2,4,6-Trichlorophenol
 Concen: 41.700 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion:196 Resp: 146831
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

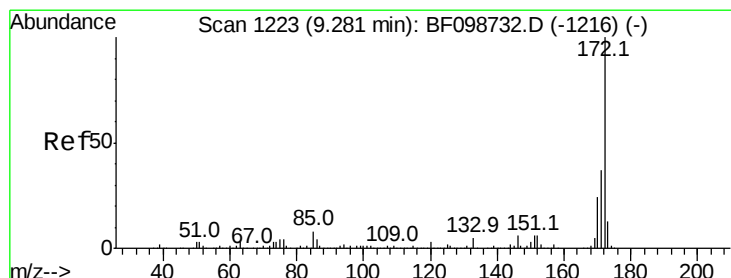
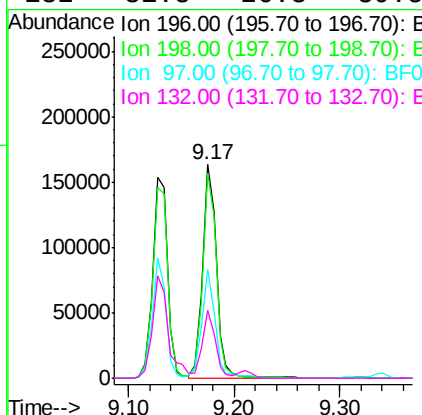
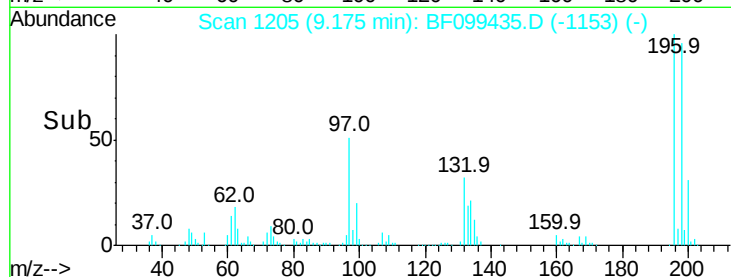
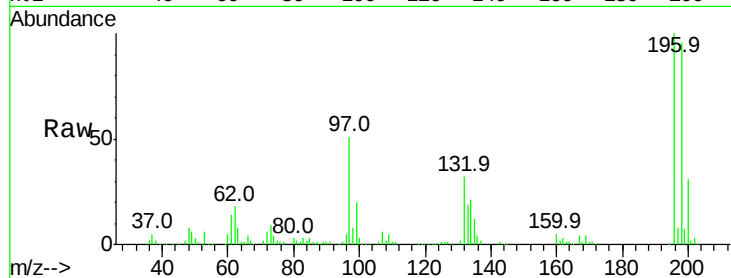




#43
 2,4,5-Trichlorophenol
 Concen: 42.355 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

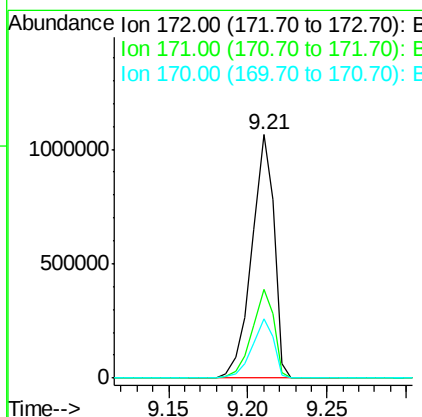
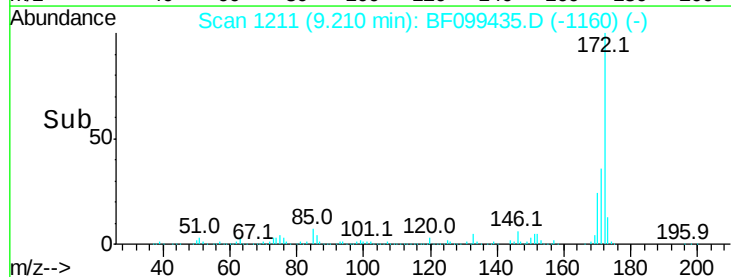
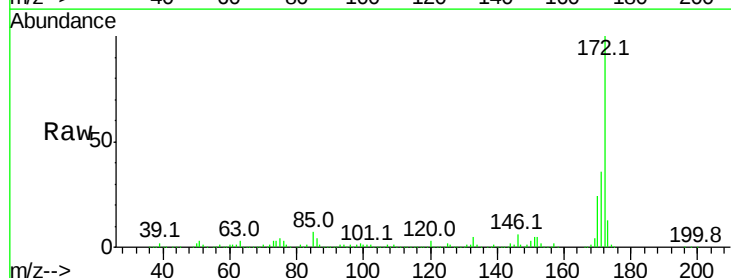
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

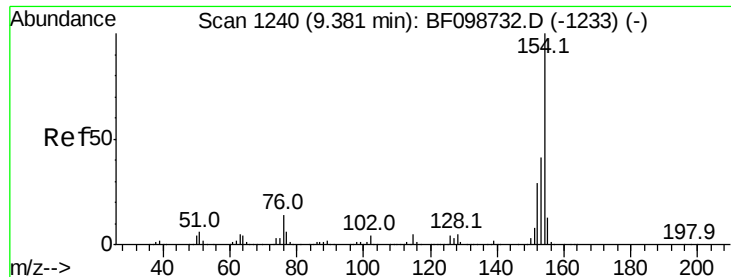
Tot Ion:	196	Resp:	148876
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	50.8	42.9	64.3
132	31.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 103.917 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion:	172	Resp:	1037426
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

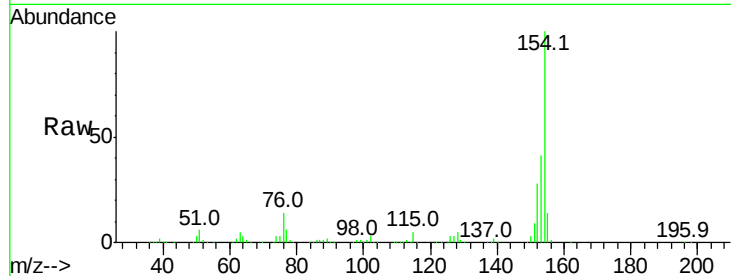




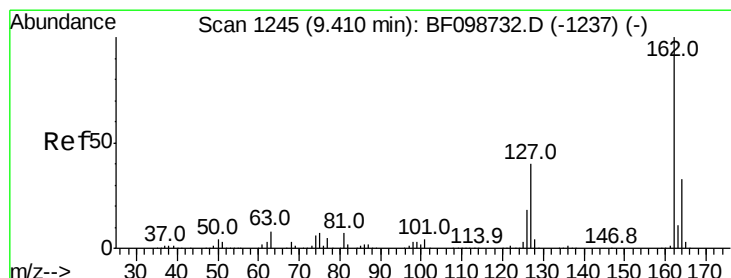
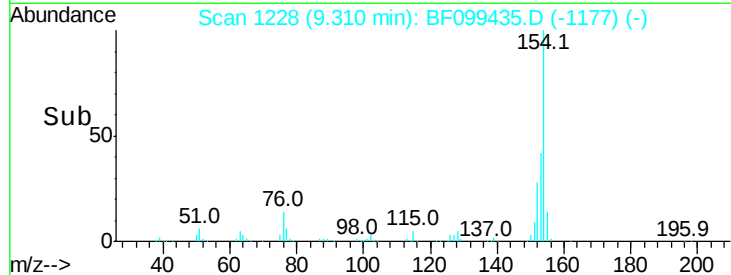
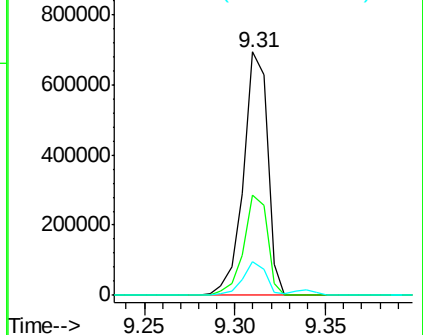
#45
 1,1'-Biphenyl
 Concen: 44.769 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.0	0.0	34.0

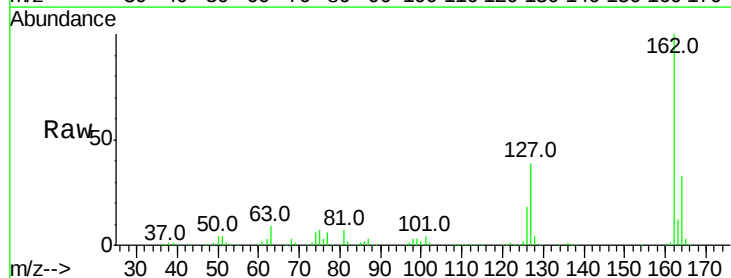


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

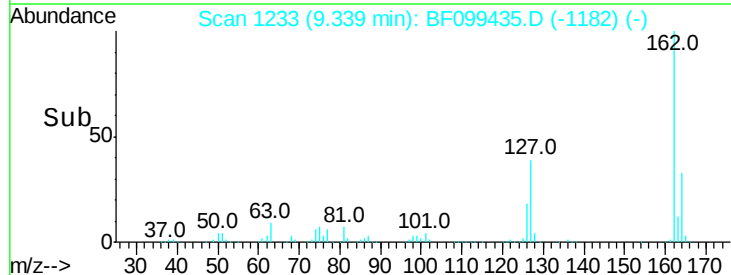
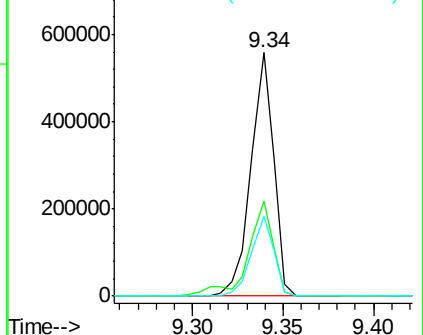


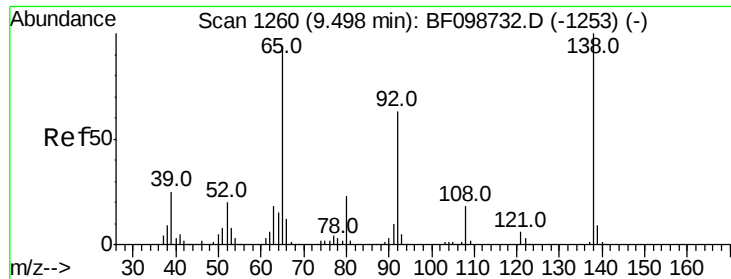
#46
 2-Chloronaphthalene
 Concen: 45.305 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.9	50.9
164	32.8	26.5	39.7



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

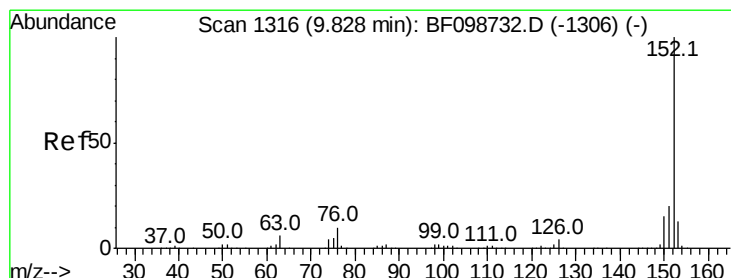
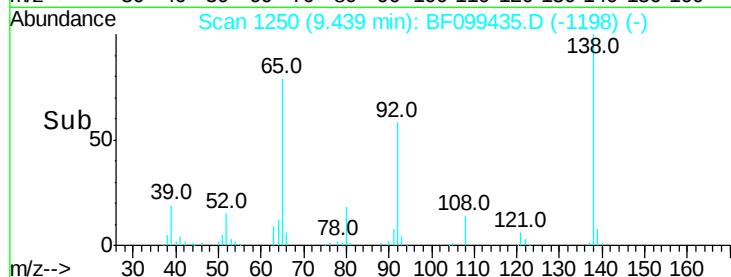
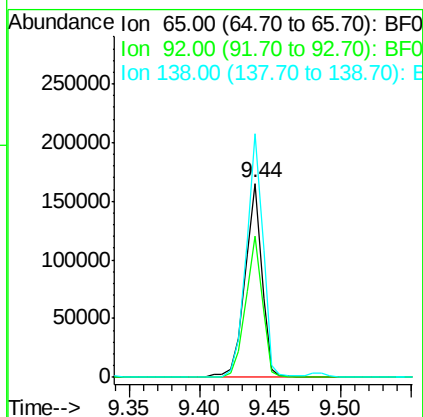
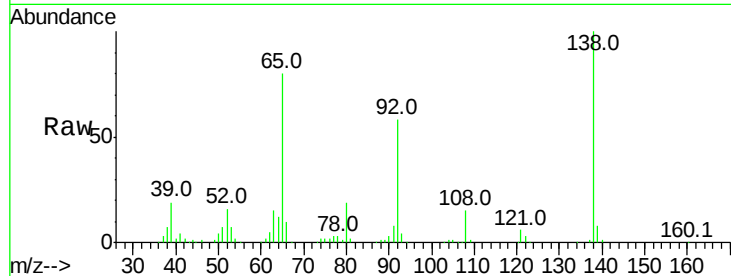




#47
2-Nitroaniline
Concen: 42.167 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

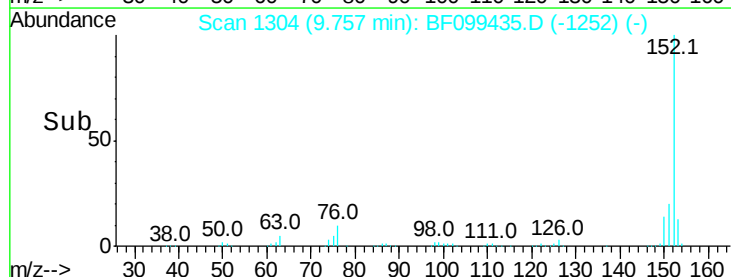
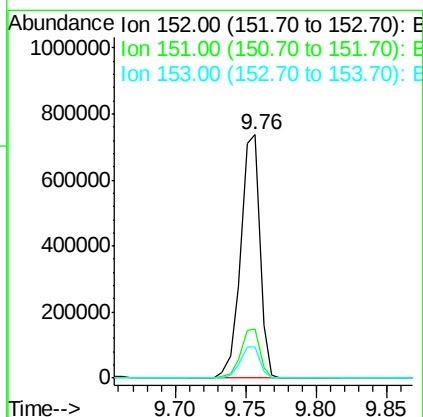
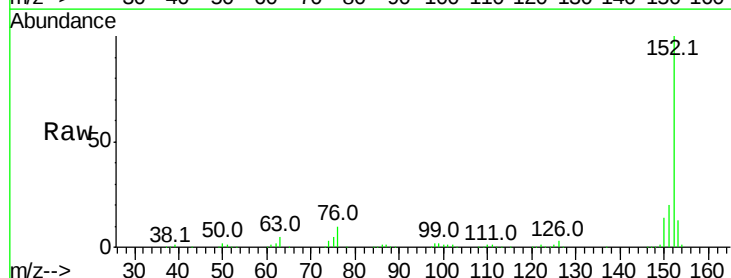
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

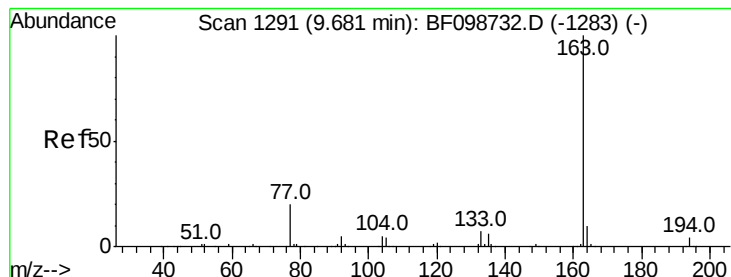
Tot Ion: 65 Resp: 138856
Ion Ratio Lower Upper
65 100
92 72.9 55.8 83.6
138 125.4 91.2 136.8



#48
Acenaphthylene
Concen: 42.504 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:152 Resp: 699750
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 46.848 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

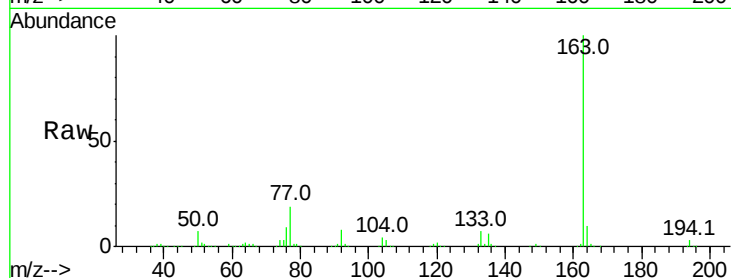
Tot Ion:163 Resp: 589287

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

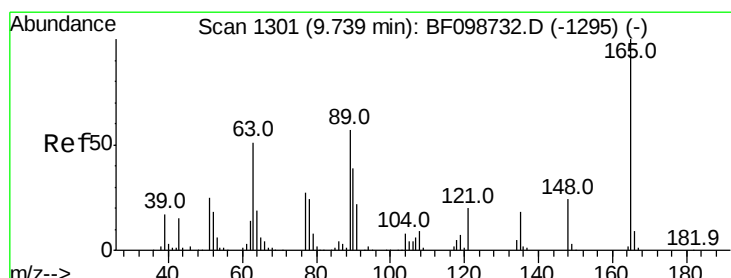
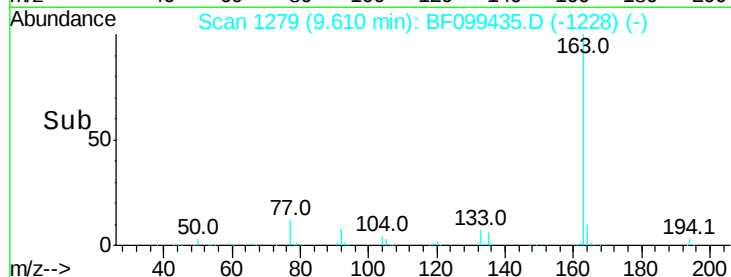
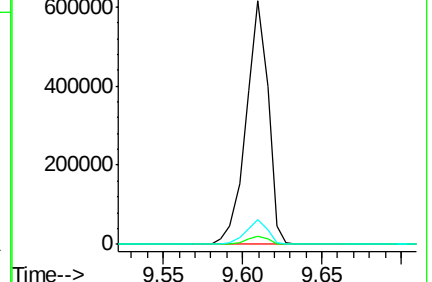
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.396 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

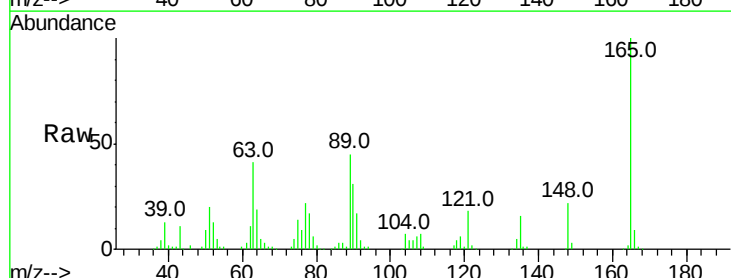
Tgt Ion:165 Resp: 113361

Ion Ratio Lower Upper

165 100

63 41.4 44.7 67.1#

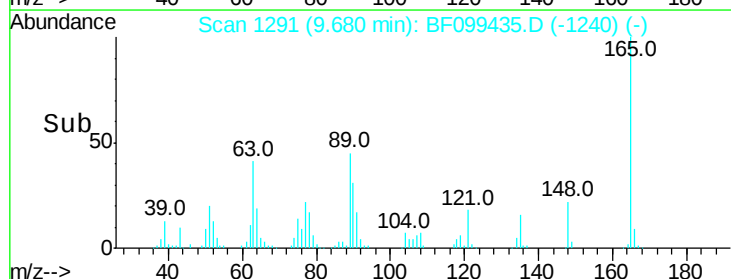
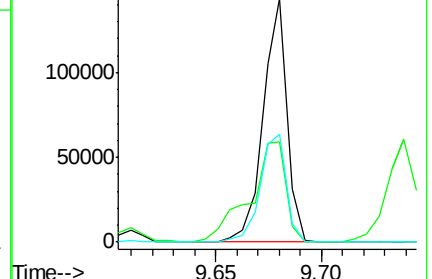
89 44.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.080 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

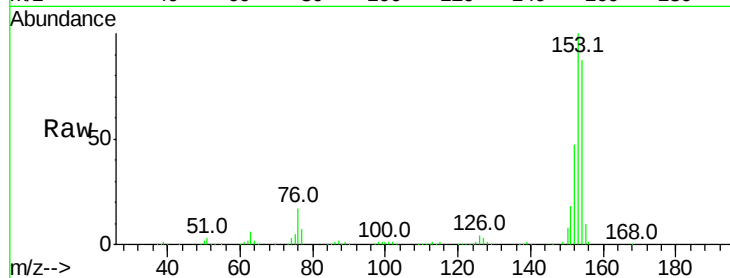
Tot Ion:154 Resp: 407551

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

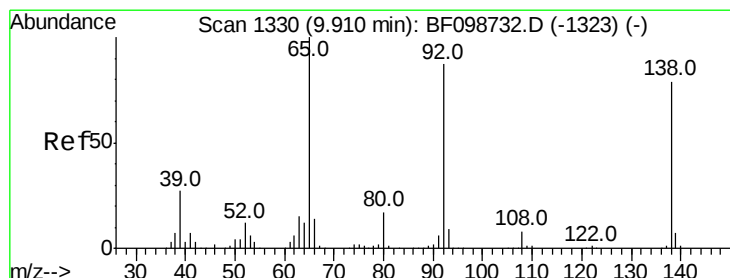
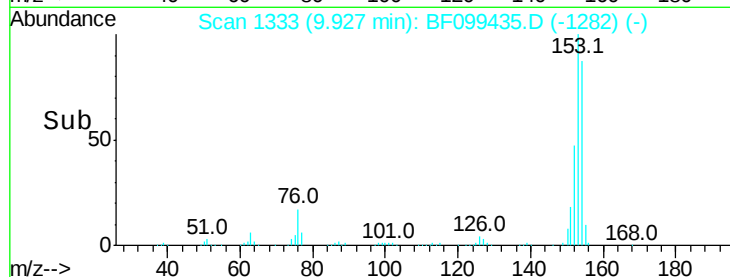
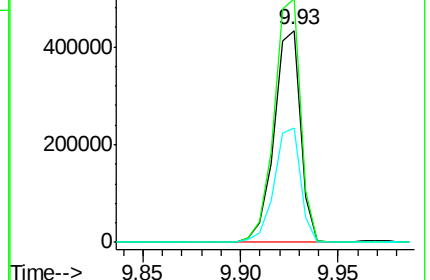
152 54.2 43.8 65.8



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: 27.019 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

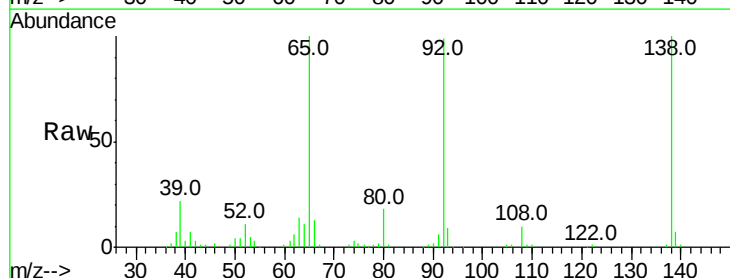
Tgt Ion:138 Resp: 86274

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

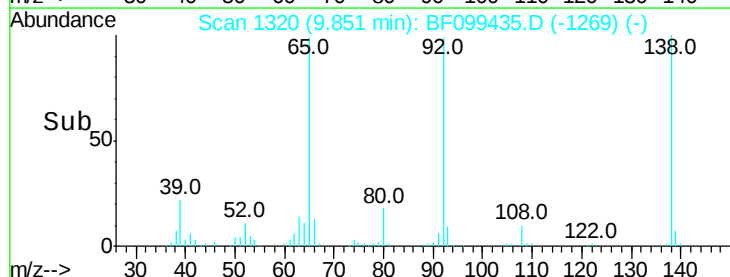
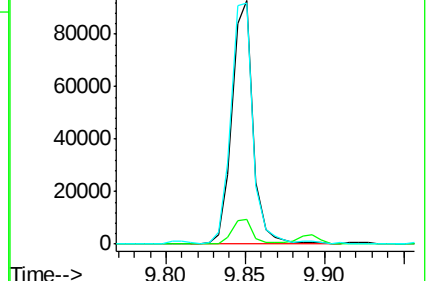
92 99.1 89.4 134.2

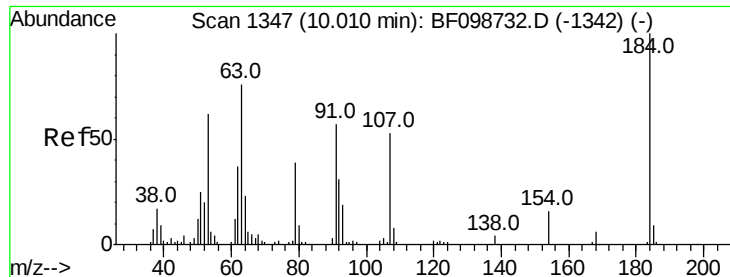


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

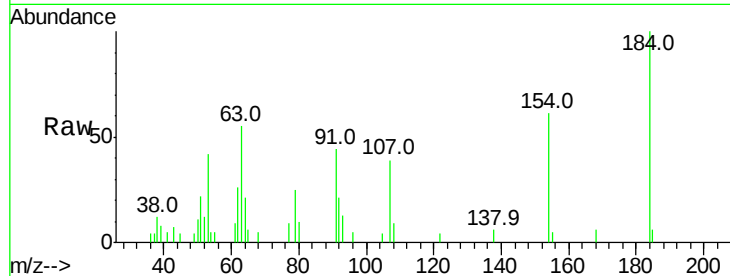




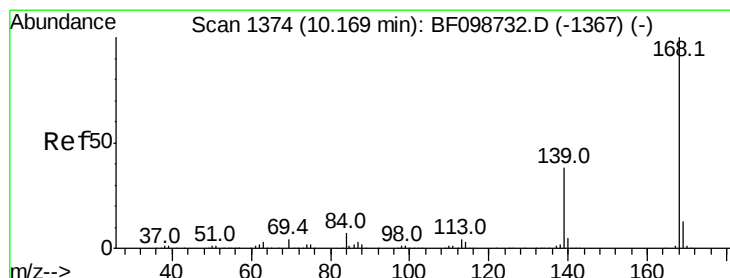
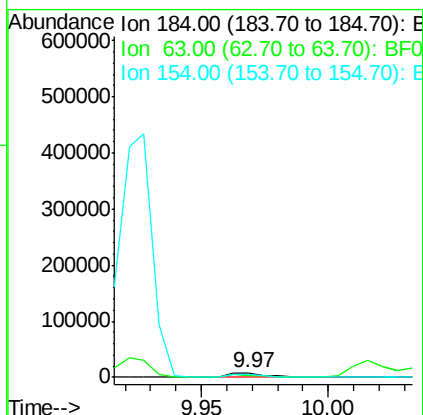
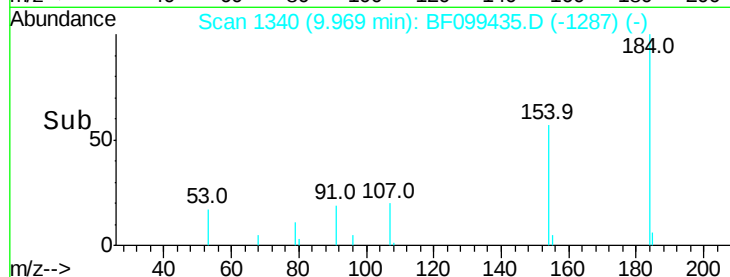
#53
2,4-Dinitrophenol
Concen: 11.716 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:184 Resp: 9055
Ion Ratio Lower Upper
184 100
63 54.8 54.2 81.2
154 60.7 53.5 80.3

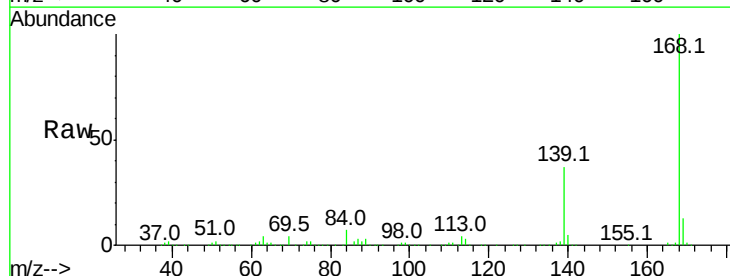


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

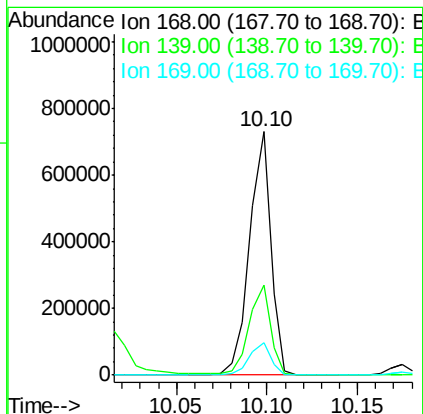
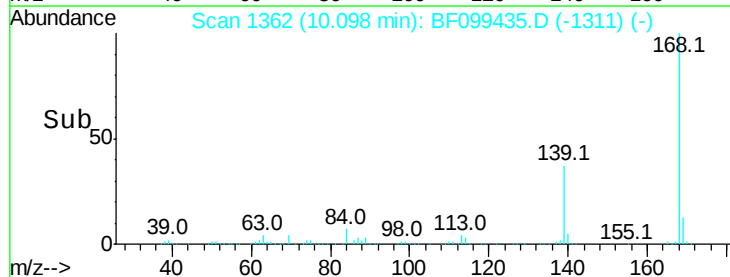


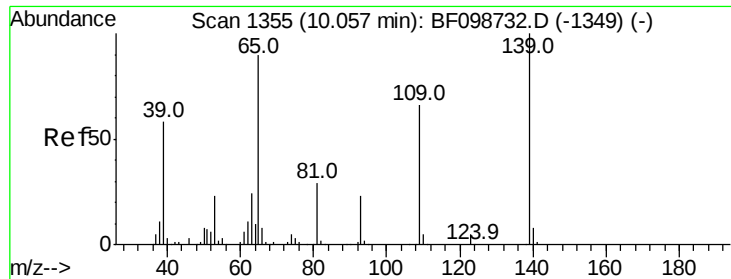
#54
Dibenzofuran
Concen: 43.186 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:168 Resp: 599648
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.3 10.9 16.3



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

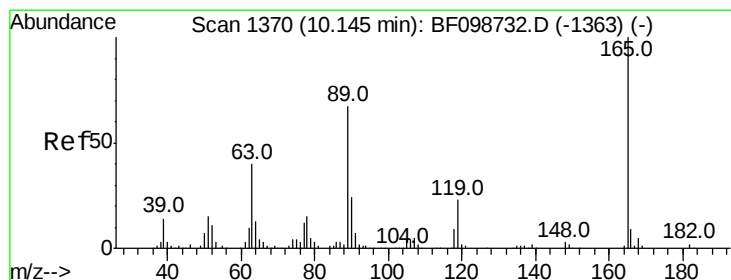
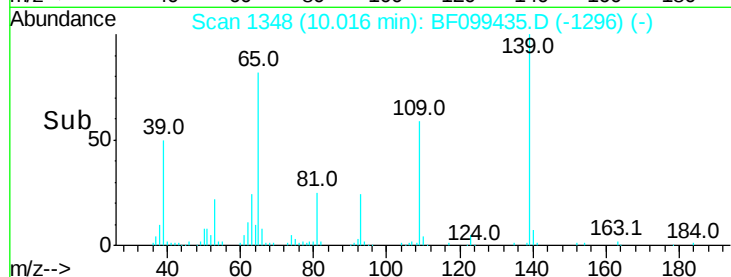
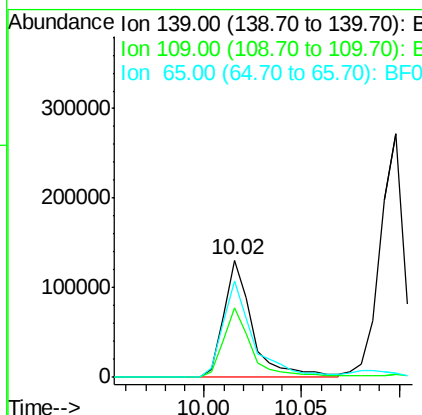
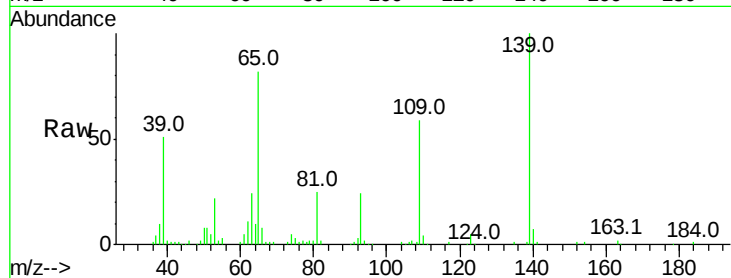




#55
4-Nitrophenol
Concen: 49.417 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

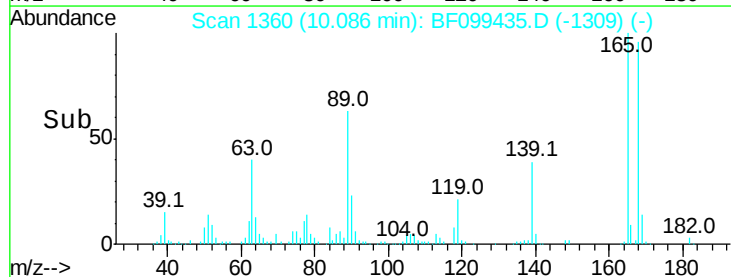
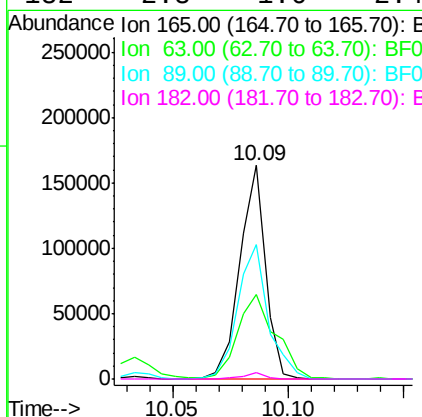
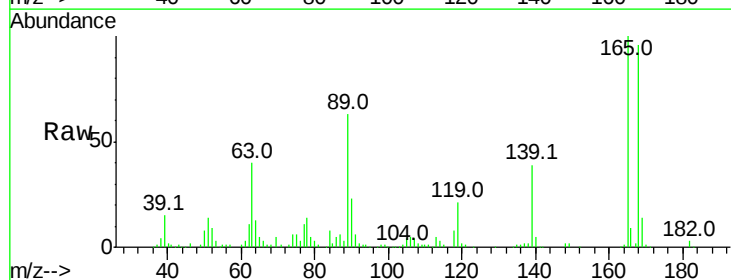
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:139 Resp: 133425
Ion Ratio Lower Upper
139 100
109 59.0 48.4 88.4
65 82.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.921 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:165 Resp: 127666
Ion Ratio Lower Upper
165 100
63 39.7 36.4 54.6
89 63.2 57.8 86.6
182 2.8 1.6 2.4#





#57

Fluorene

Concen: 40.650 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

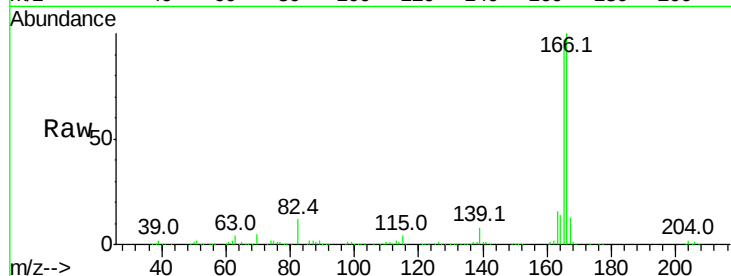
Tot Ion:166 Resp: 453677

Ion Ratio Lower Upper

166 100

165 96.7 79.8 119.8

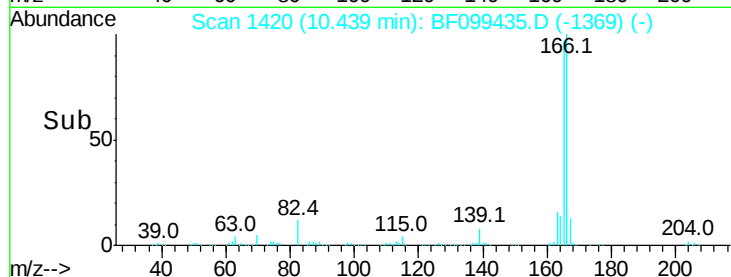
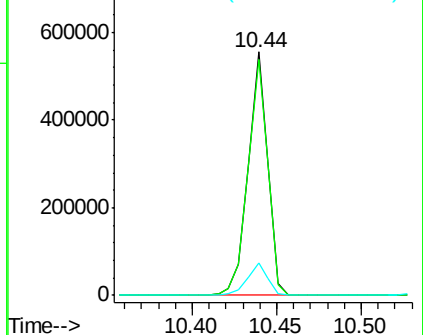
167 13.1 10.6 16.0



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: 41.303 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Tgt Ion:232 Resp: 100289

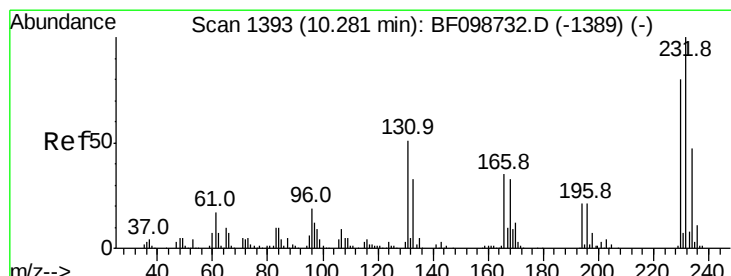
Ion Ratio Lower Upper

232 100

131 50.3 43.8 65.8

130 2.3 2.1 3.1

166 34.4 27.8 41.6

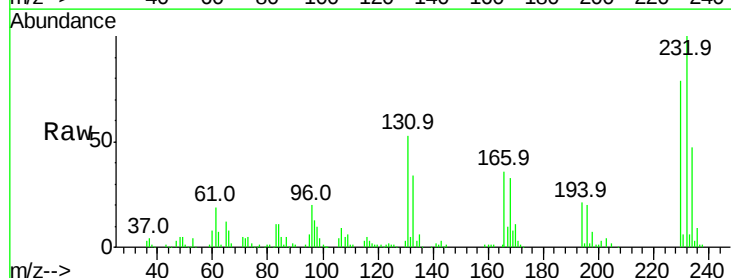
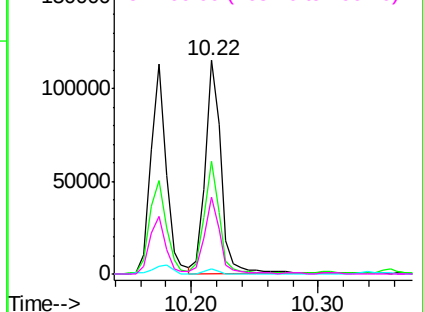


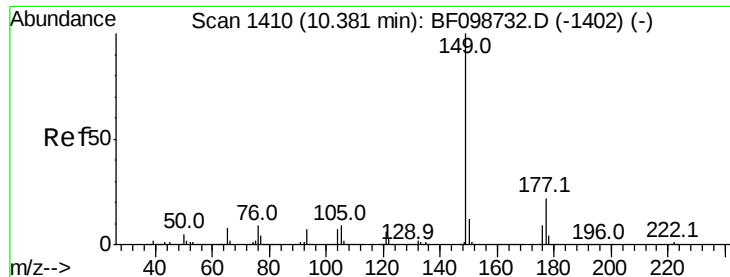
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

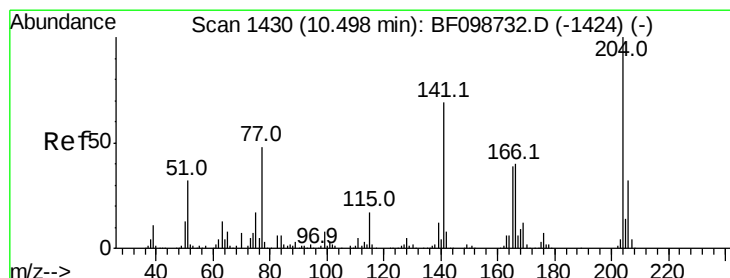
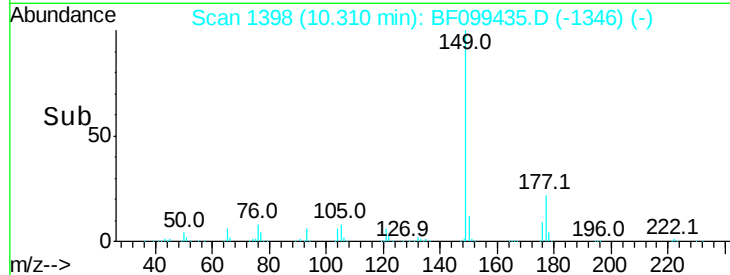
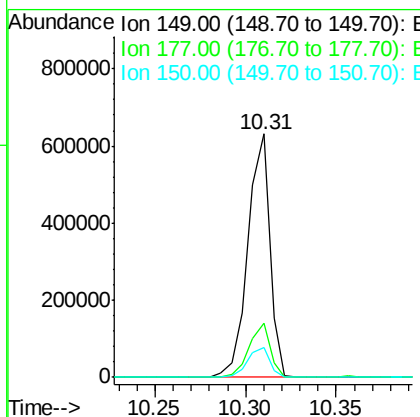
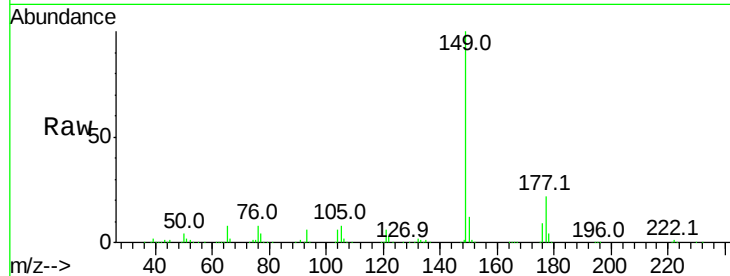




#59
Diethylphthalate
Concen: 43.483 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

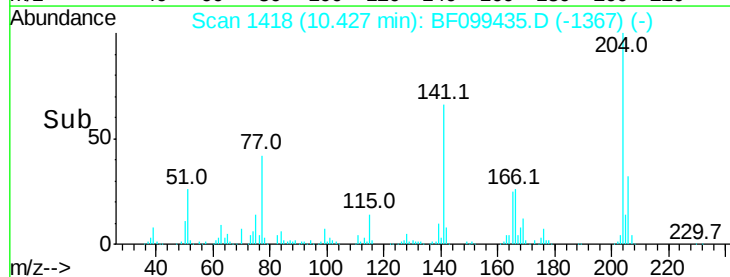
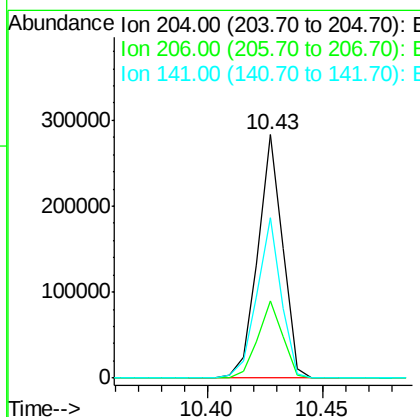
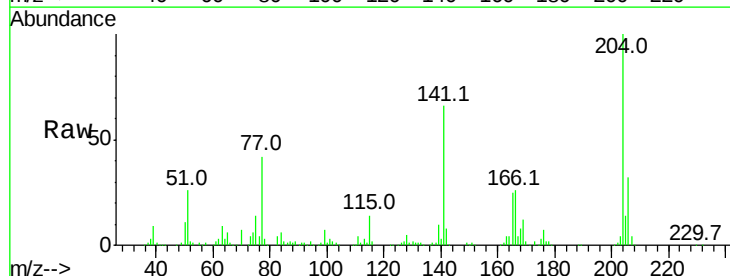
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

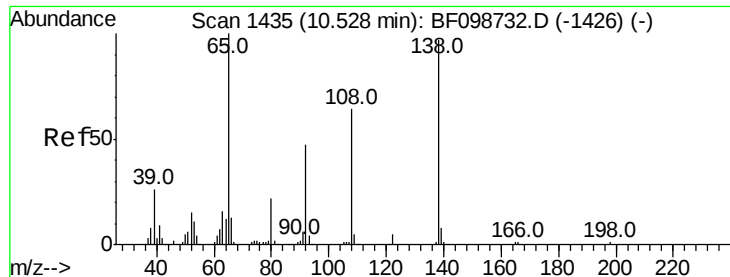
Tot Ion:149 Resp: 534459
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.731 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:204 Resp: 214222
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 66.0 54.6 81.8

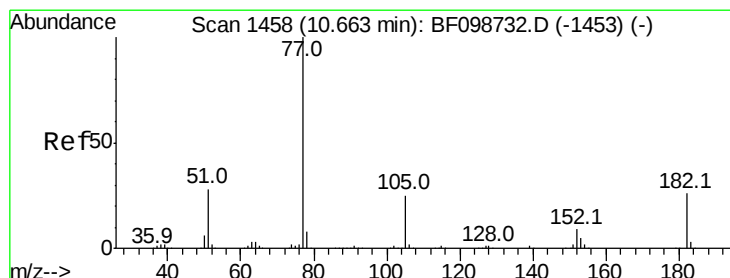
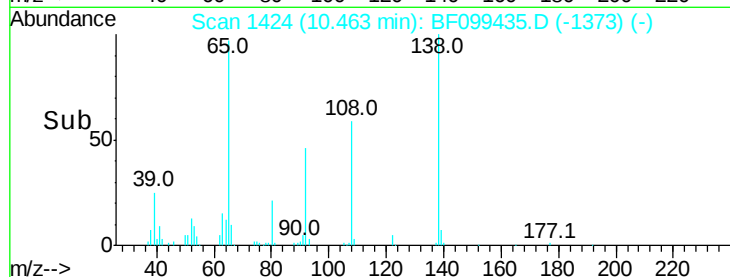
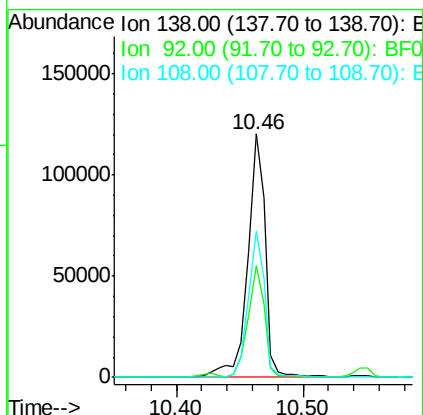
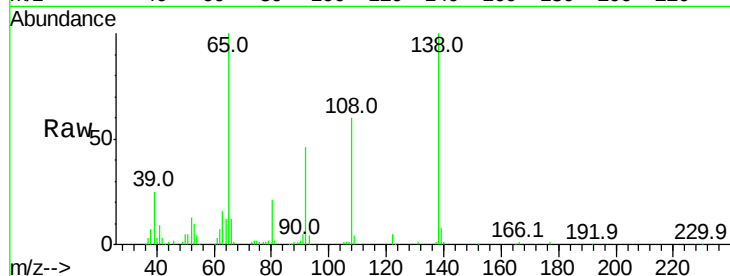




#61
4-Nitroaniline
Concen: 37.579 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

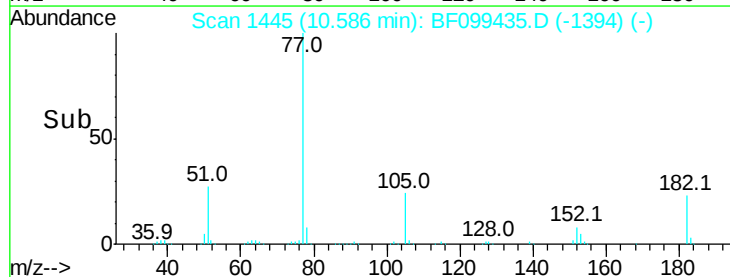
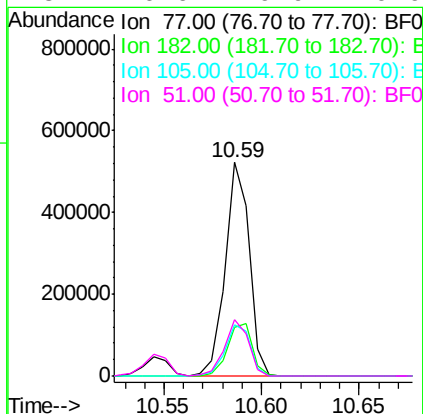
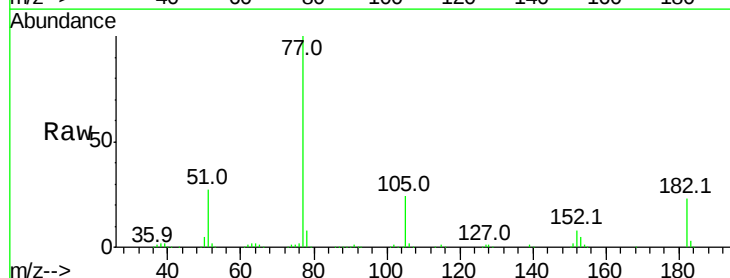
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

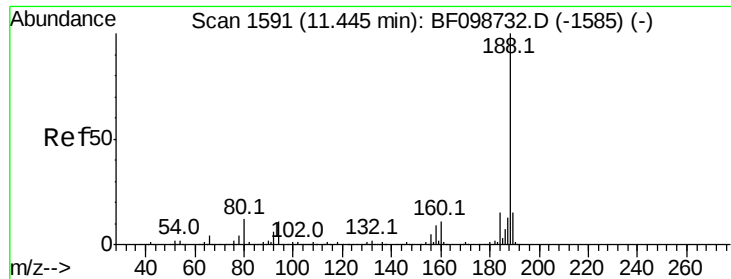
Tot Ion:138 Resp: 115764
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 60.2 52.5 92.5



#62
Azobenzene
Concen: 39.356 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion: 77 Resp: 444778
Ion Ratio Lower Upper
77 100
182 22.8 1.7 41.7
105 24.2 3.0 43.0
51 26.6 9.9 49.9

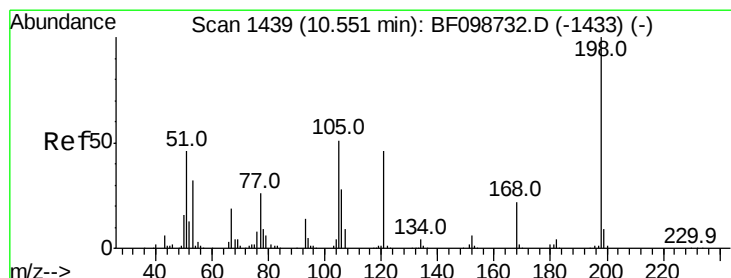
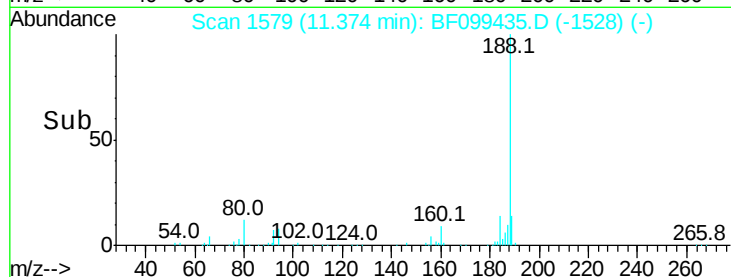
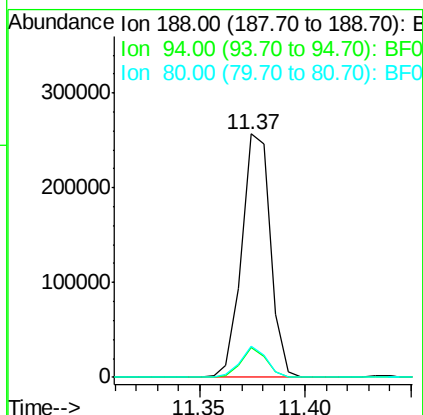
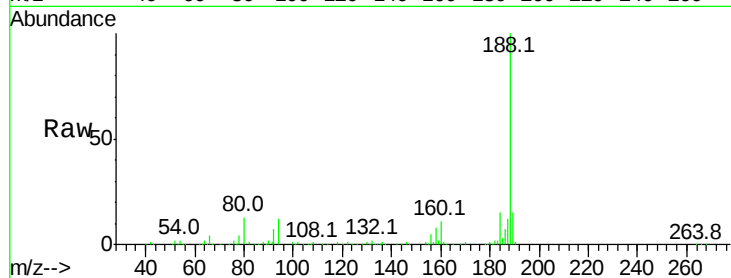




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

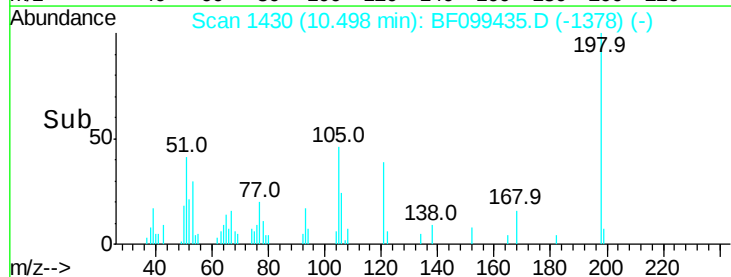
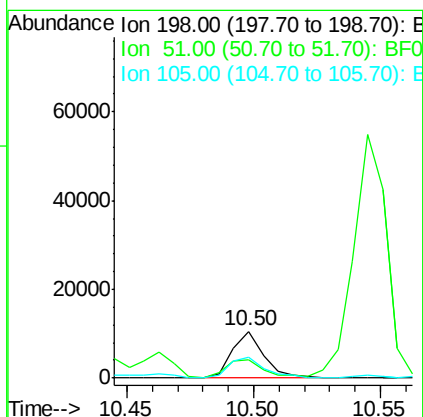
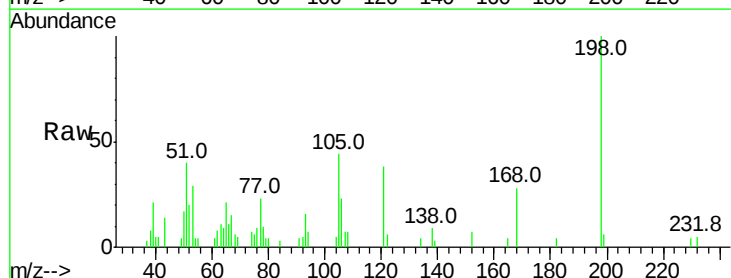
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

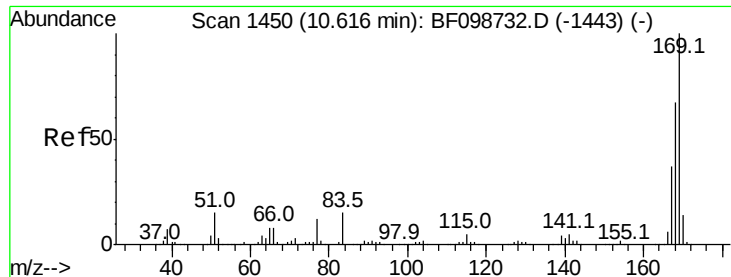
Tot Ion:188 Resp: 242085
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.192 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:198 Resp: 9120
Ion Ratio Lower Upper
198 100
51 39.7 37.7 77.7
105 44.3 36.3 76.3

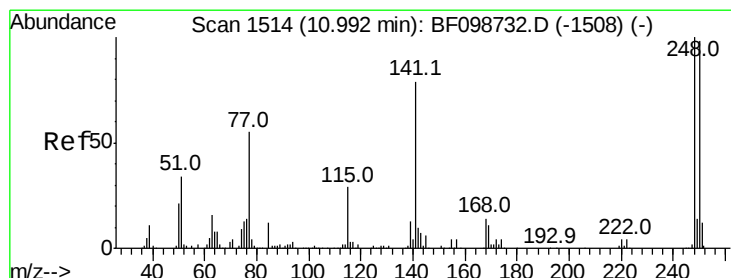
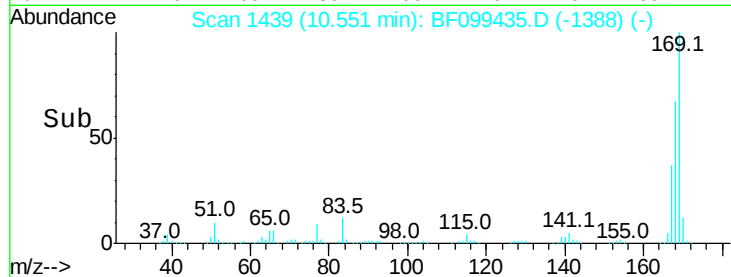
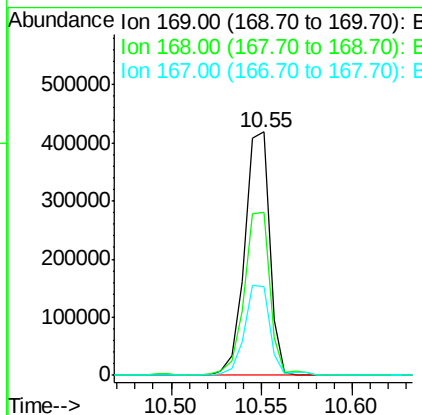
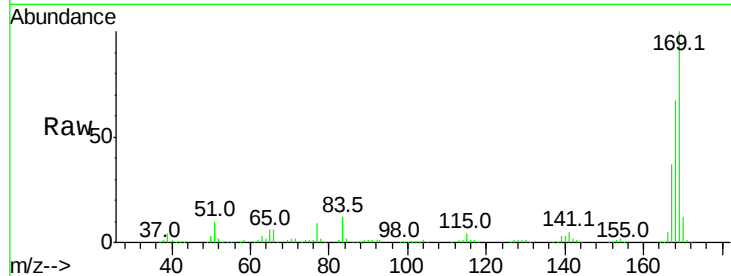




#65
 n-Nitrosodiphenylamine
 Concen: 47.737 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

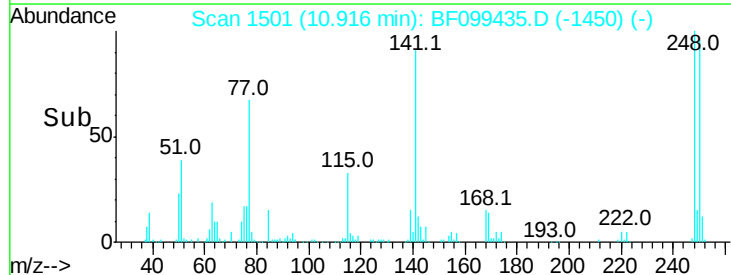
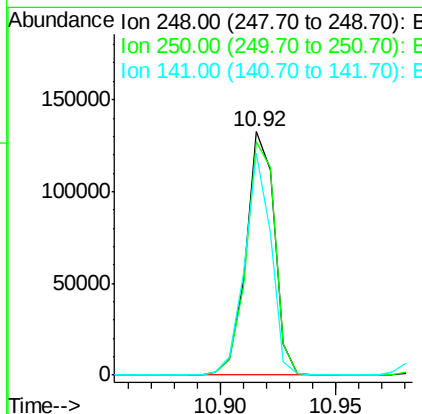
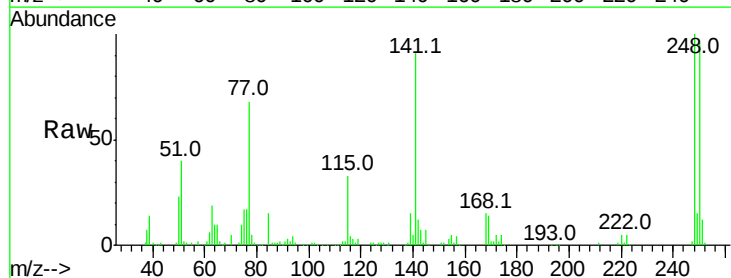
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.159 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	91.0	74.4	111.6

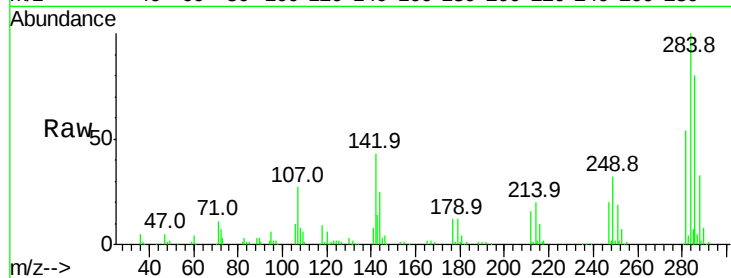




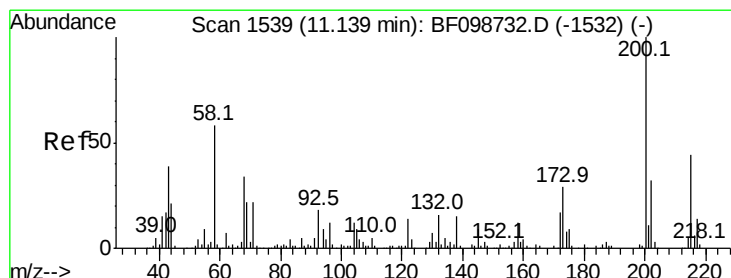
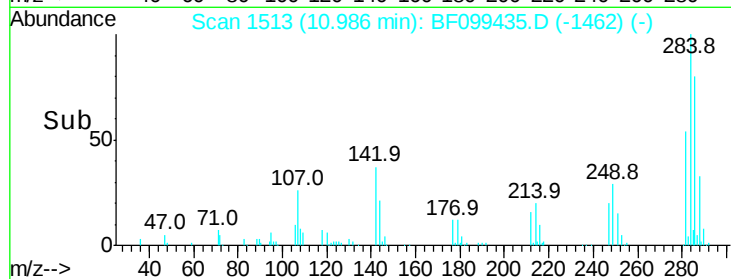
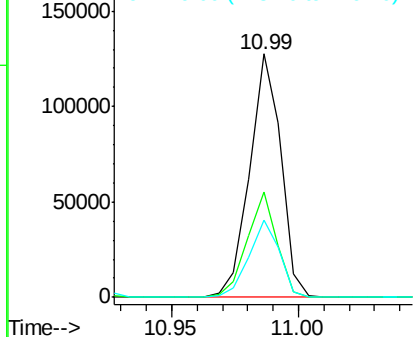
#67
Hexachlorobenzene
Concen: 43.110 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:284 Resp: 109106
Ion Ratio Lower Upper
284 100
142 43.3 34.6 52.0
249 31.7 24.8 37.2

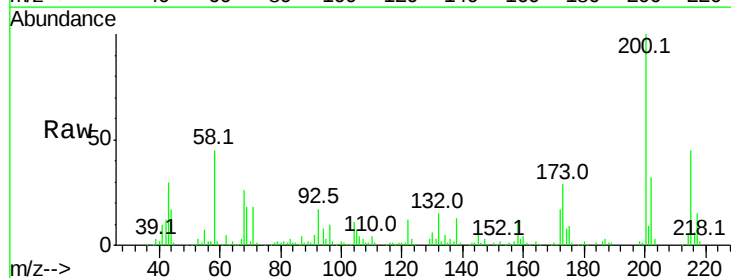


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

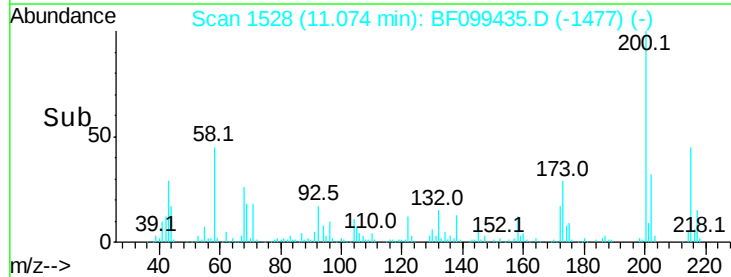
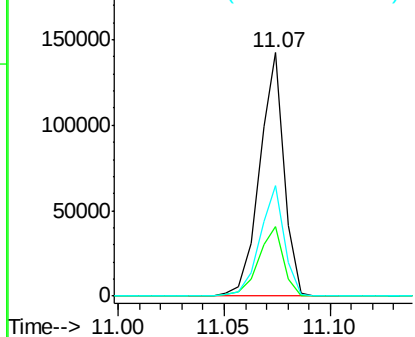


#68
Atrazine
Concen: 45.279 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:200 Resp: 114250
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 45.2 25.1 65.1



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

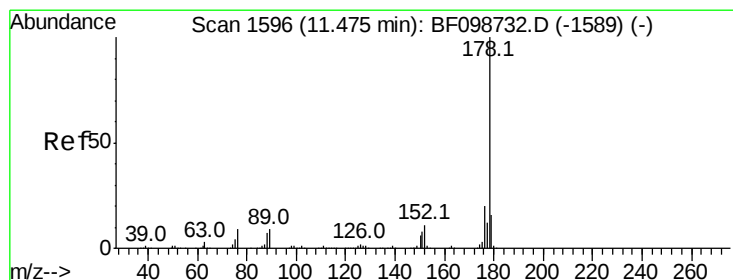
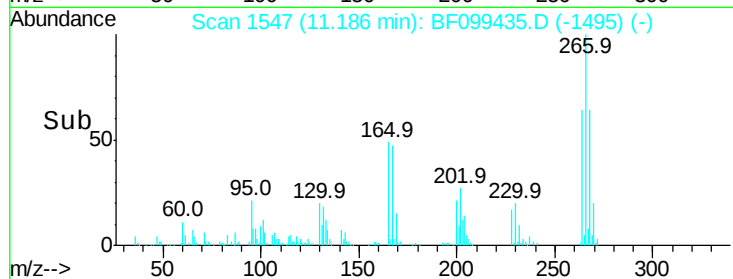
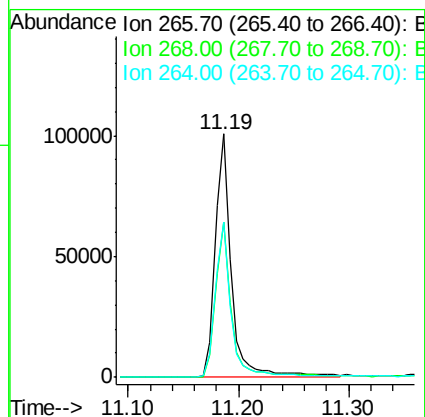
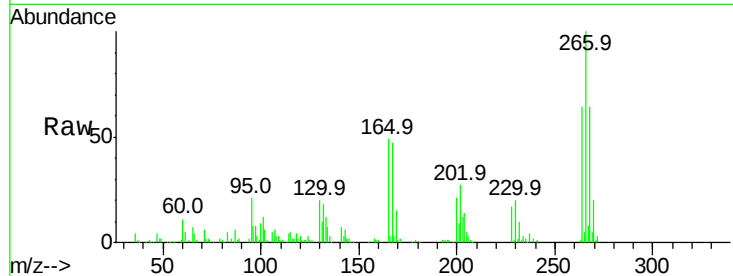




#69
 Pentachlorophenol
 Concen: 64.525 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

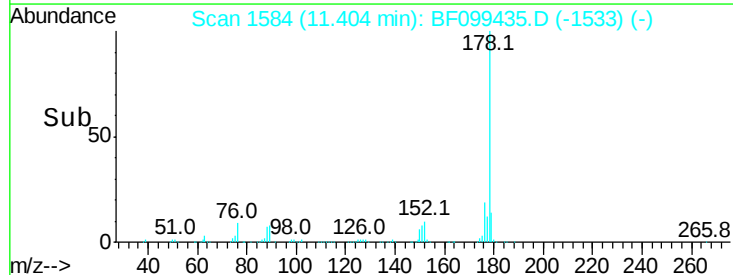
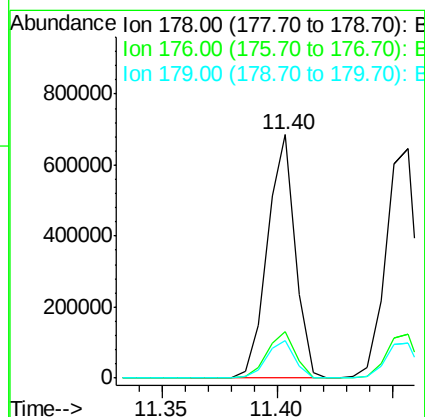
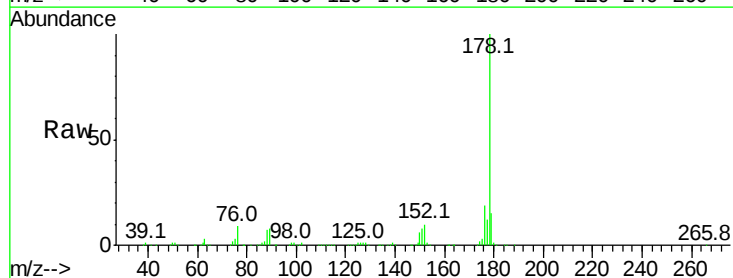
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

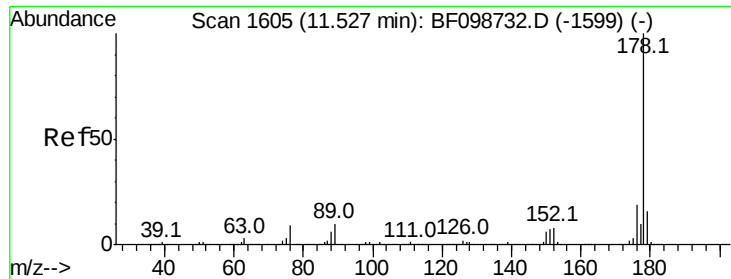
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	63.8	49.5	74.3



#70
 Phenanthrene
 Concen: 44.308 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

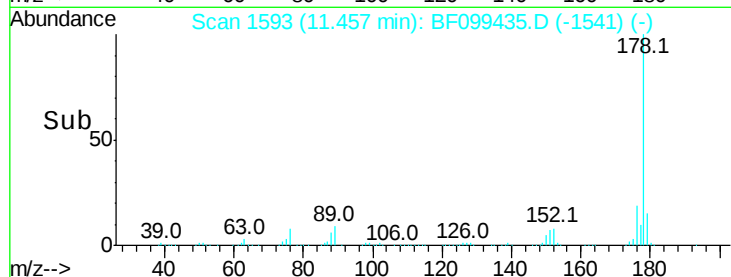
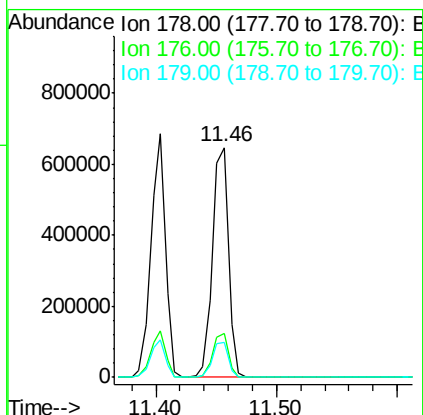
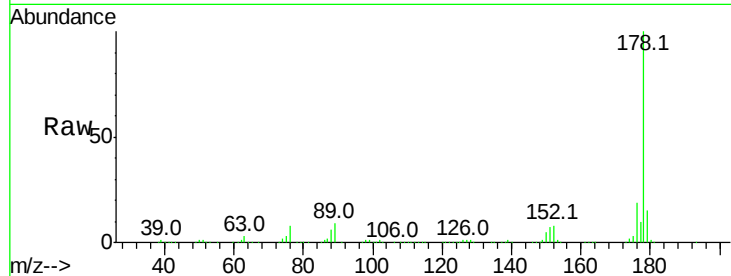




#71
 Anthracene
 Concen: 44.591 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

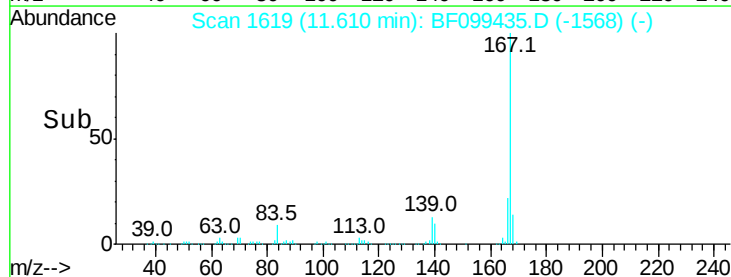
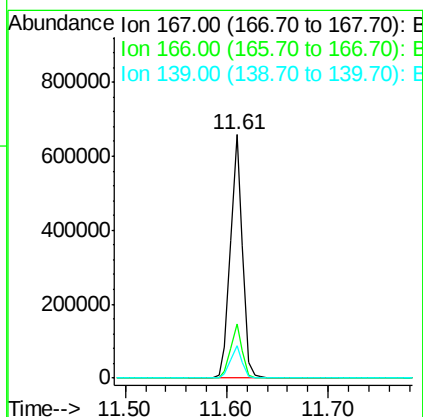
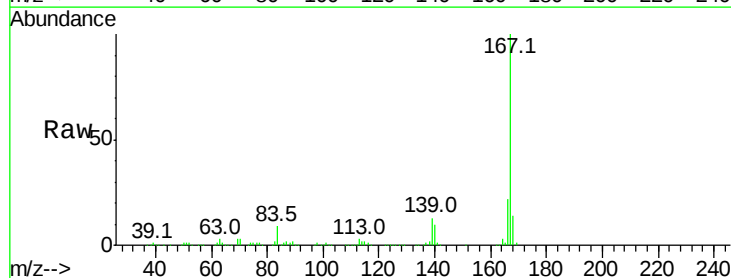
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

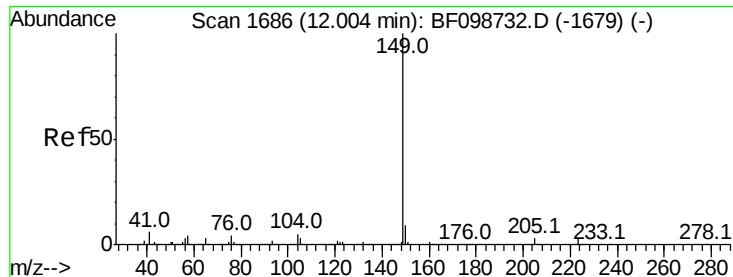
Tot Ion:178 Resp: 591218
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 41.935 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion:167 Resp: 544471
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3

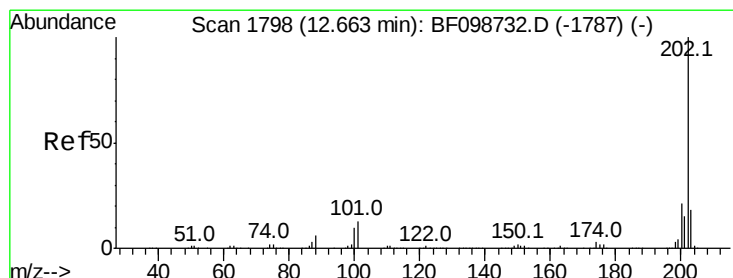
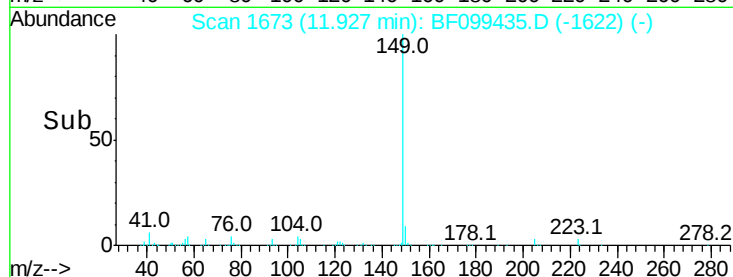
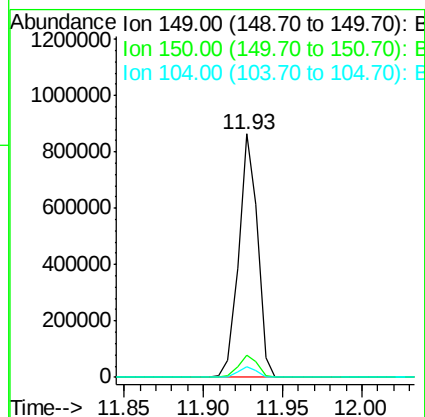
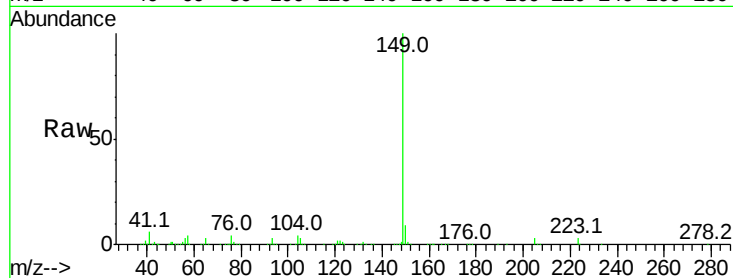




#73
Di-n-butylphthalate
Concen: 45.481 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

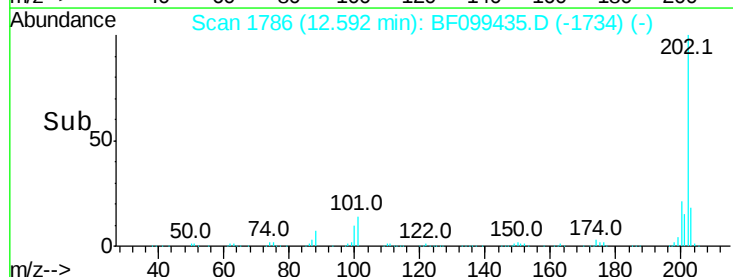
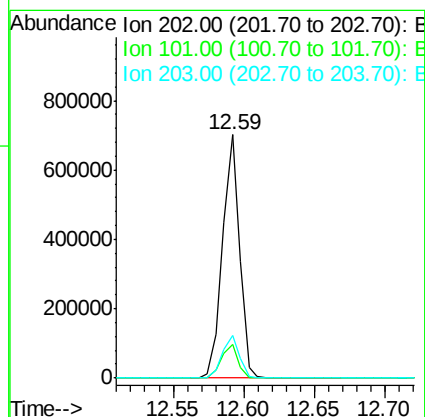
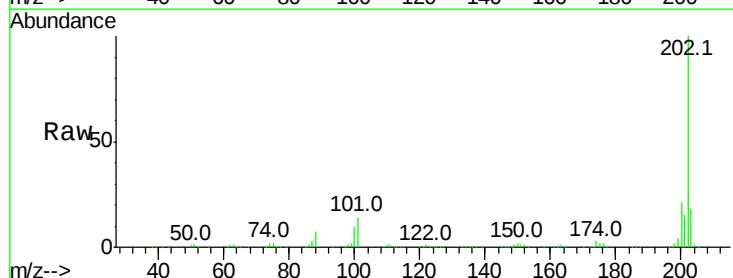
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

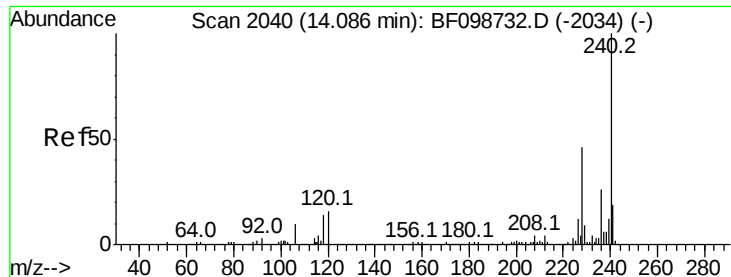
Tot Ion:149 Resp: 710790
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 44.866 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:202 Resp: 588712
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

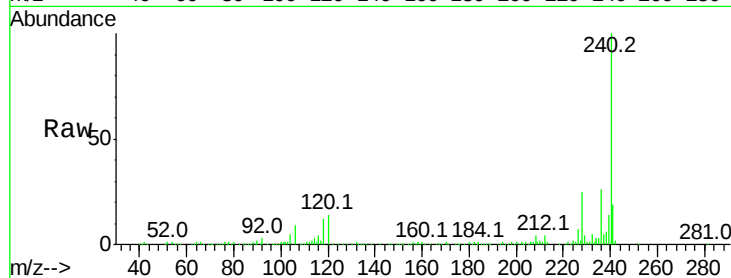
Tot Ion:240 Resp: 198370

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

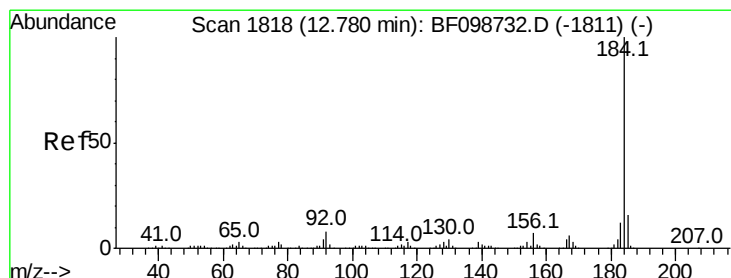
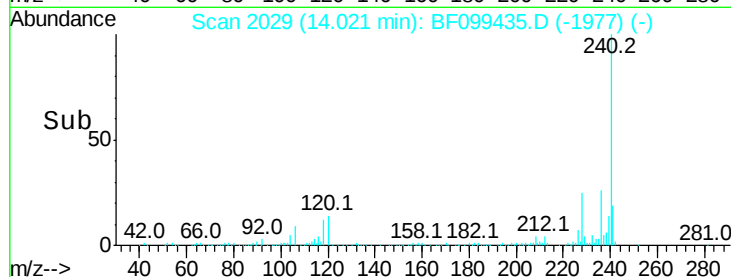
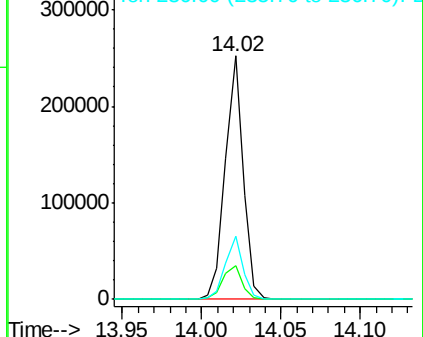
236 25.7 20.7 31.1



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: 23.539 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

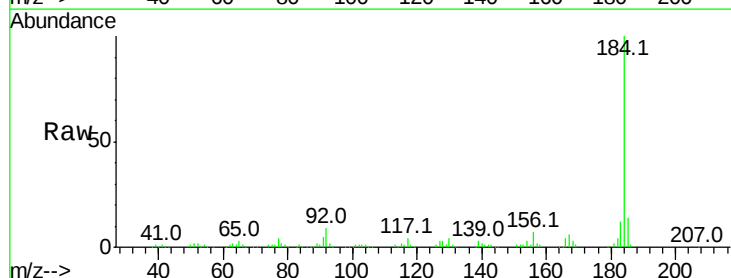
Tgt Ion:184 Resp: 172703

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

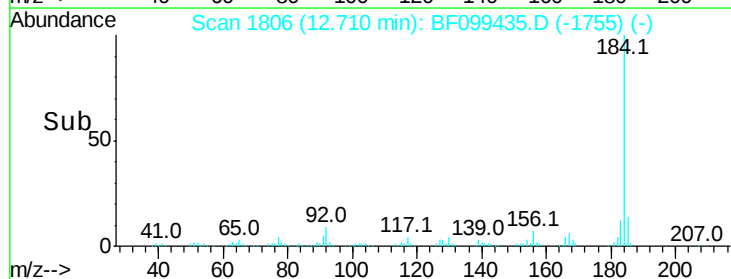
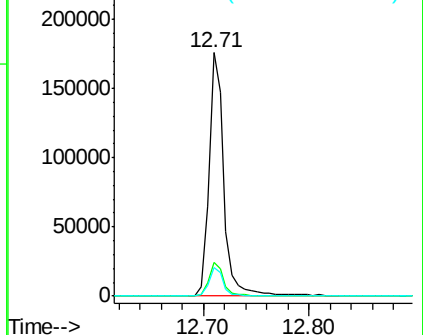
183 11.8 9.3 13.9

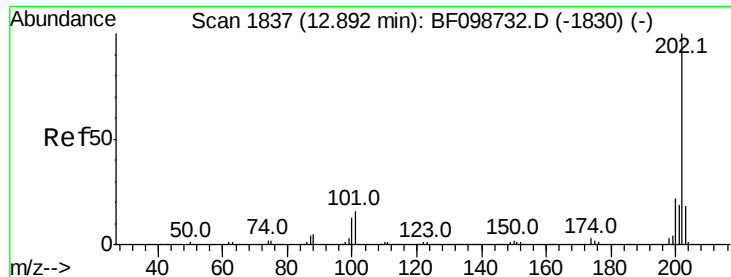


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

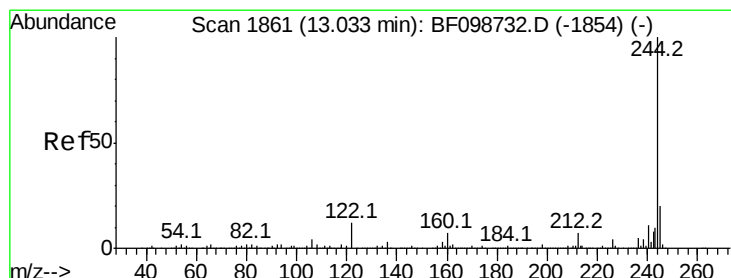
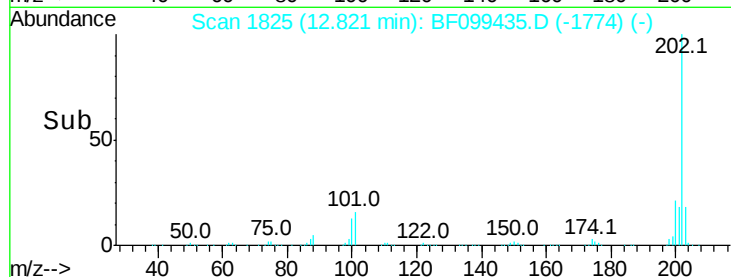
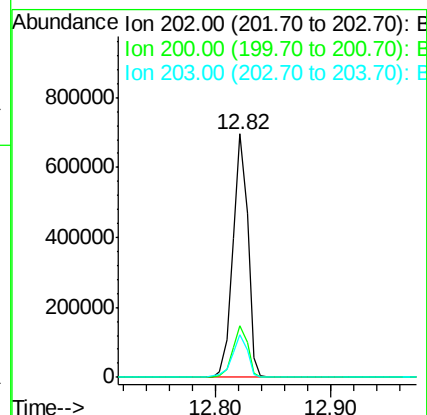
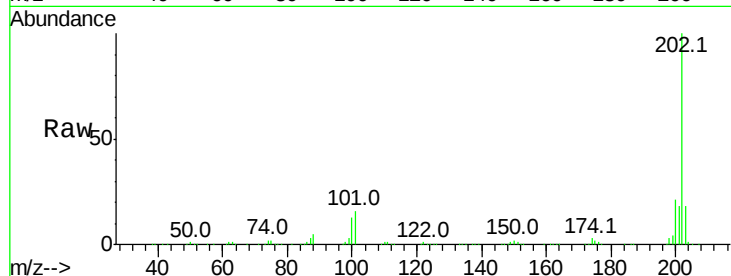




#77
Pvrene
Concen: 40.948 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

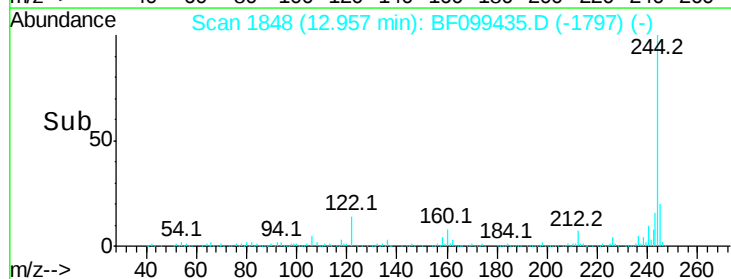
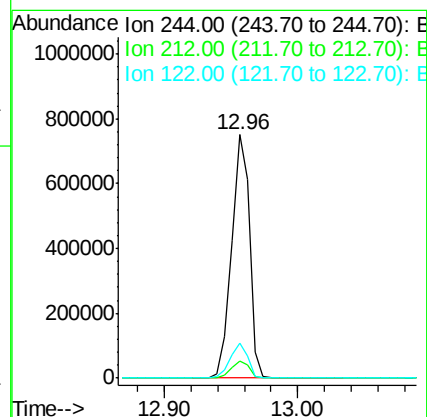
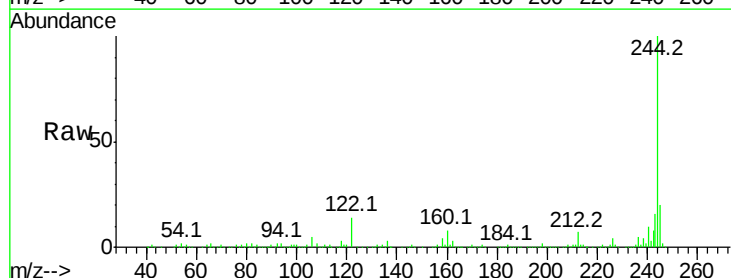
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

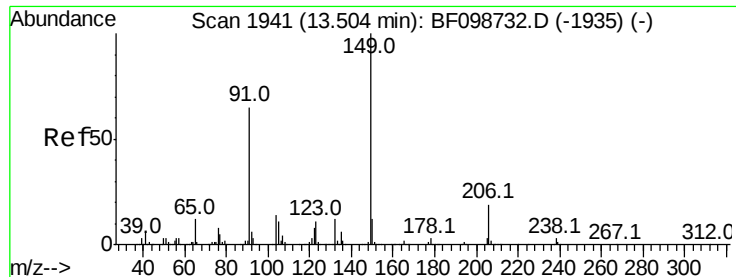
Tot Ion:202 Resp: 619391
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 82.004 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:244 Resp: 715286
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.3 11.0 16.4

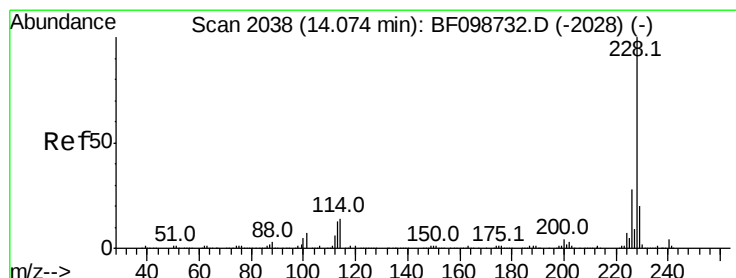
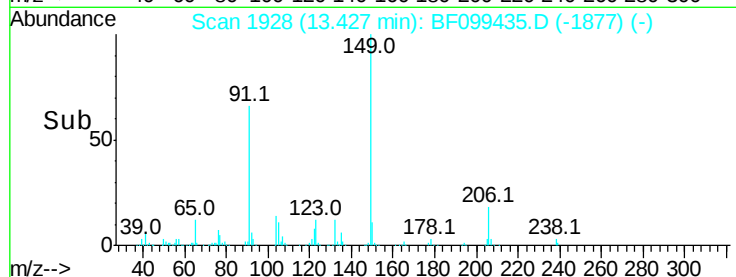
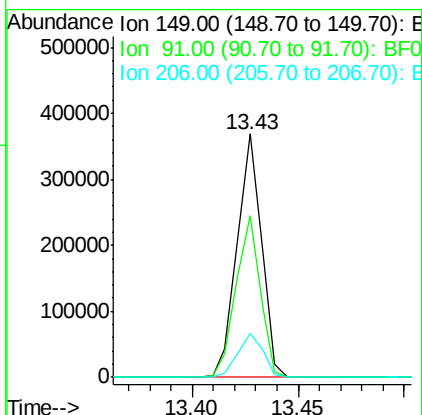
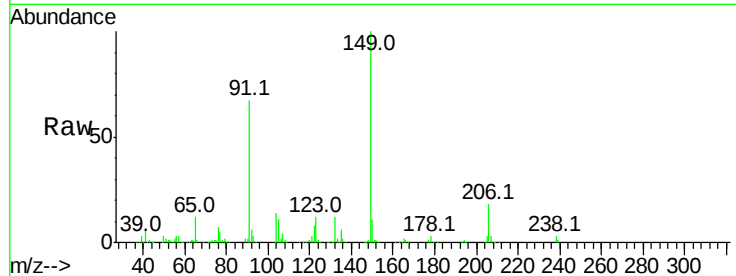




#79
Butylbenzylphthalate
Concen: 41.357 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

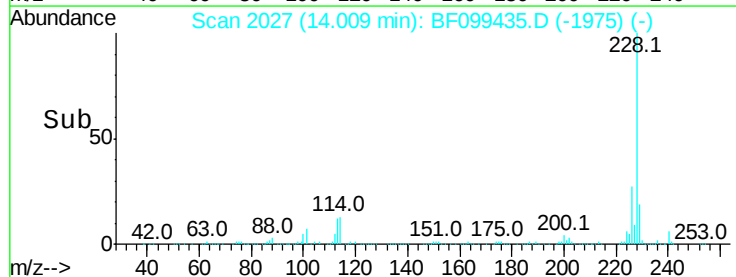
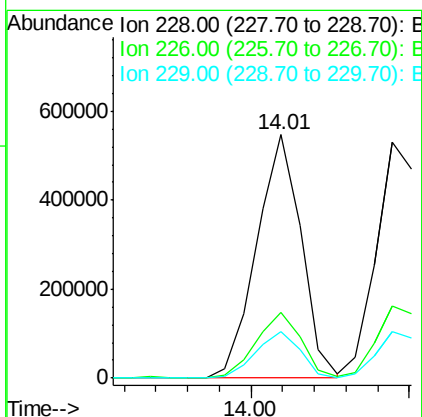
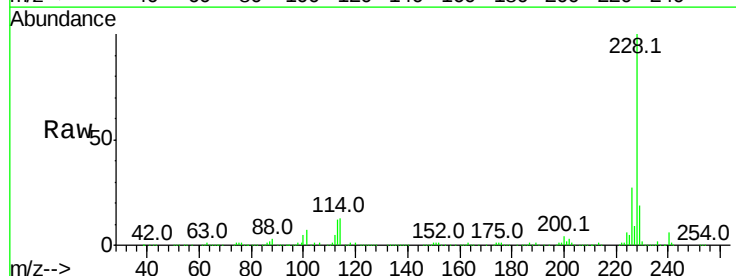
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

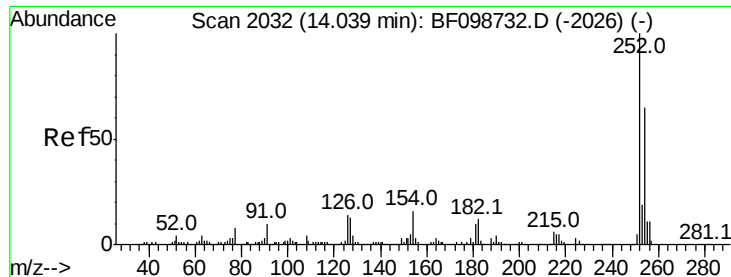
Tot Ion:149 Resp: 294013
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 18.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.339 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:228 Resp: 532591
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.1 15.8 23.6

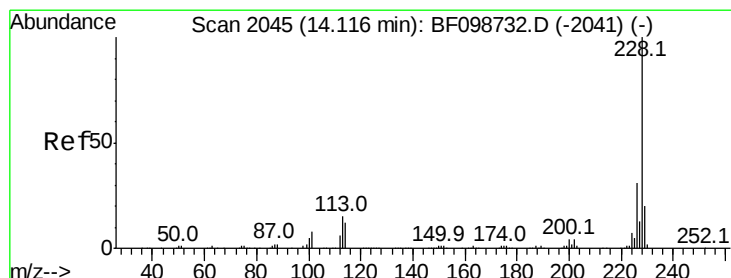
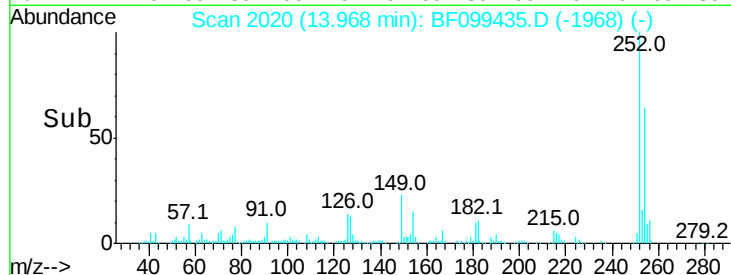
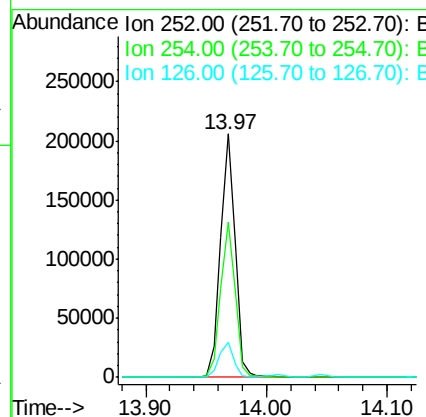
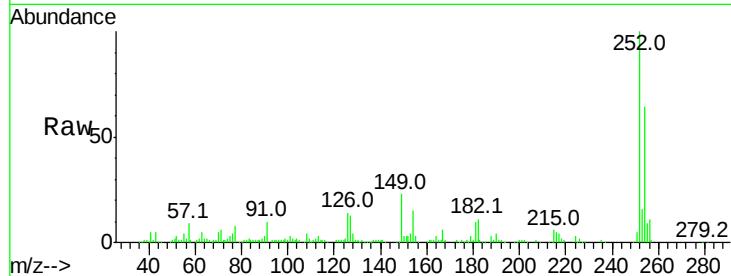




#81
 3,3'-Dichlorobenzidine
 Concen: 38.606 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

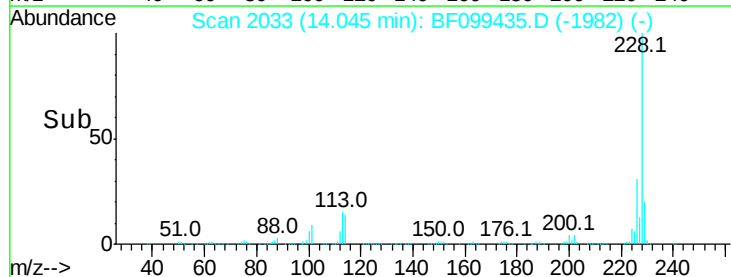
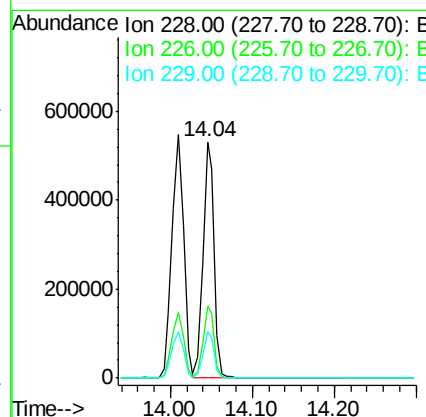
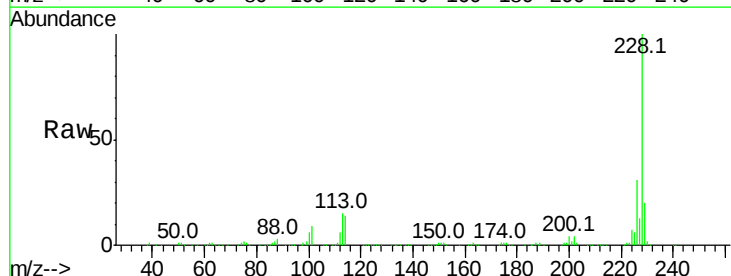
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	14.2	11.3	16.9



#82
 Chrysene
 Concen: 44.079 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.7	16.2	24.4

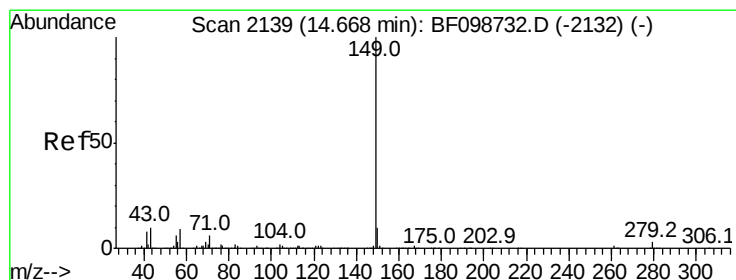
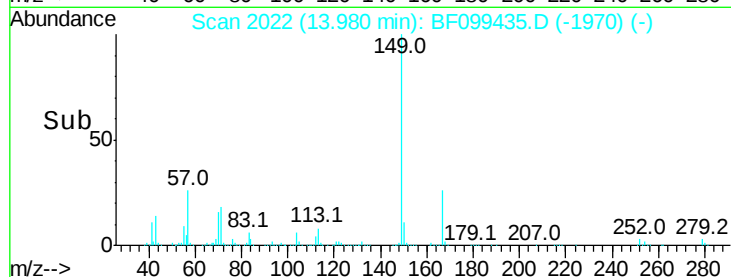
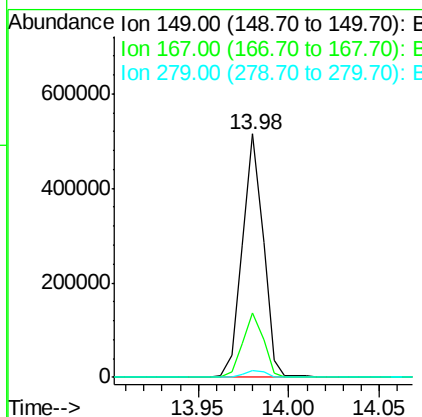
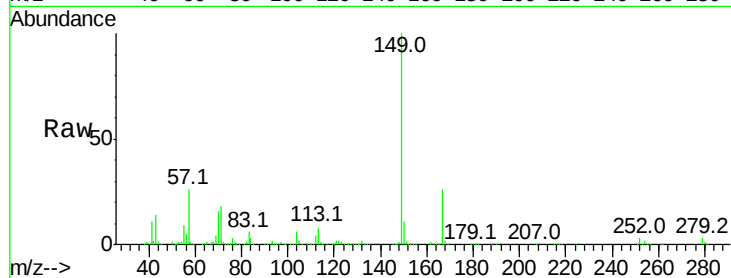




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.442 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

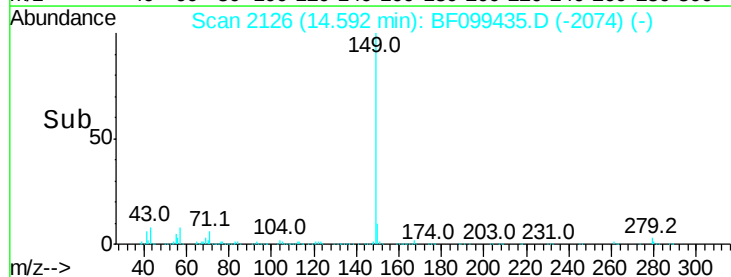
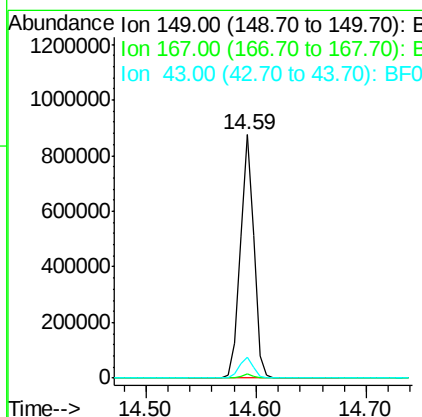
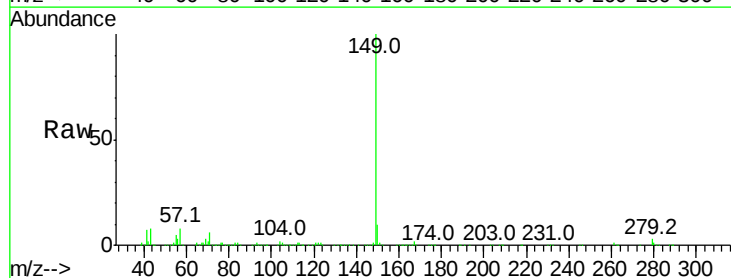
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

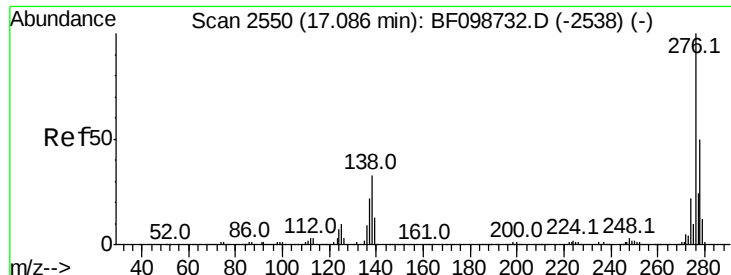
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.9	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 47.877 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.4	12.6

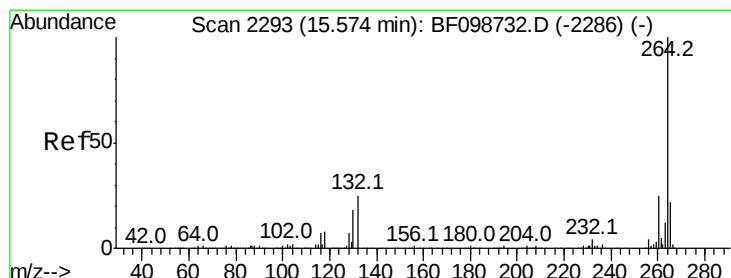
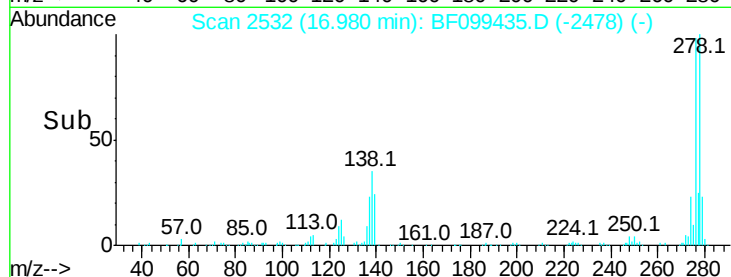
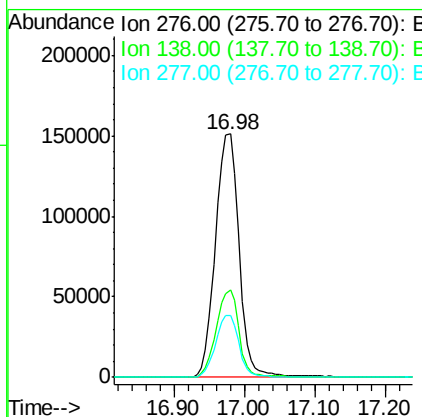
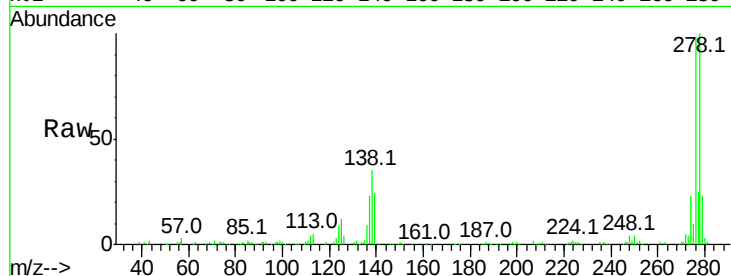




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.803 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.02 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

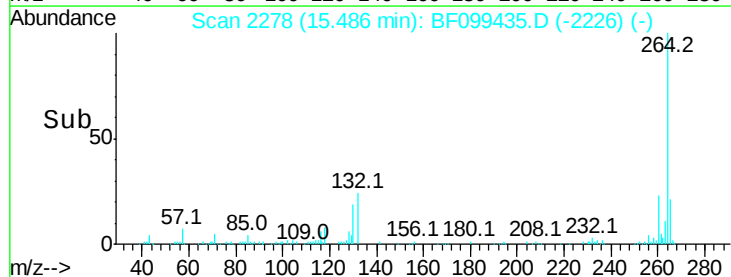
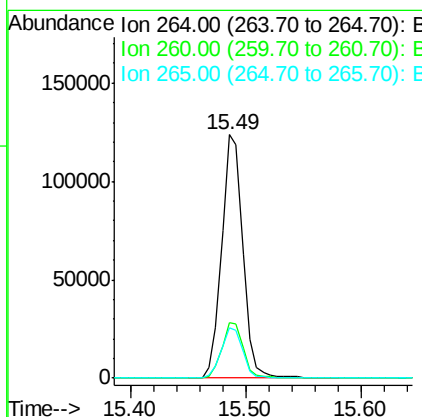
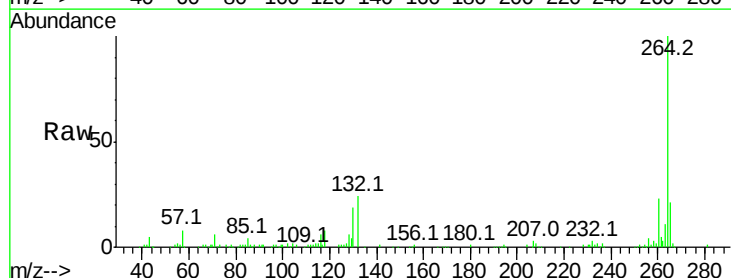
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	17.5	26.3

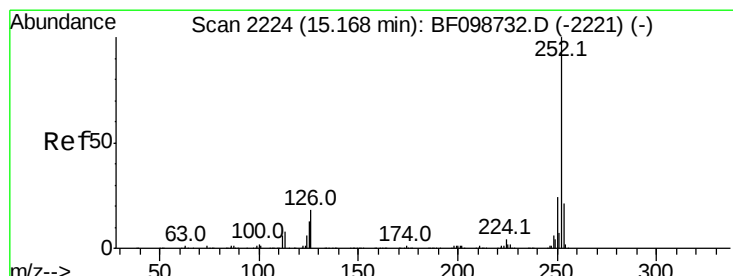
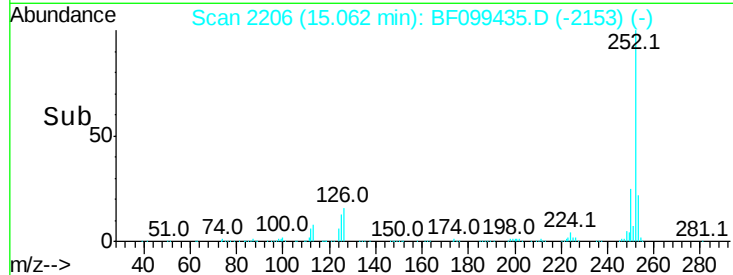
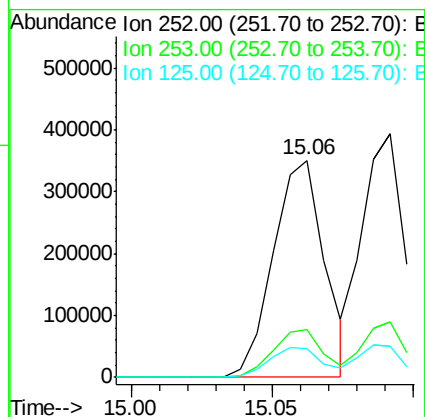
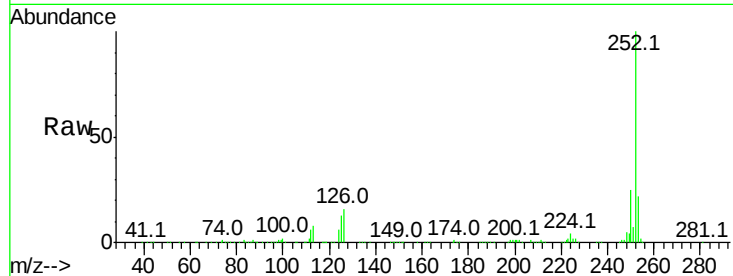




#87
Benzo(b)fluoranthene
Concen: 45.782 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

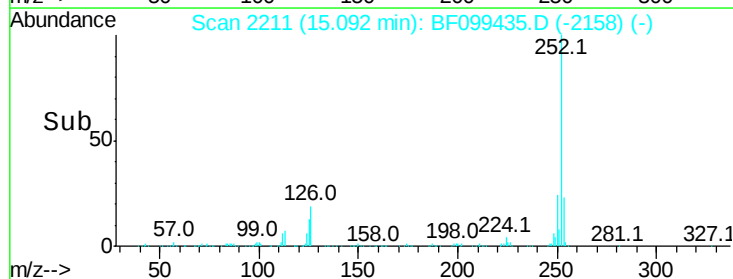
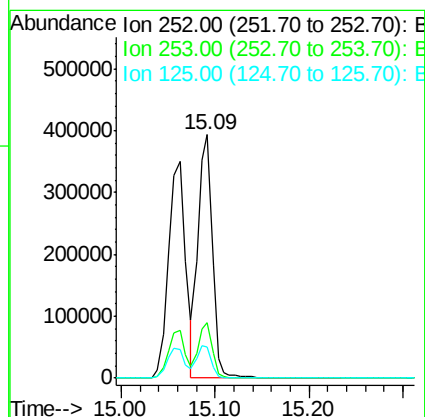
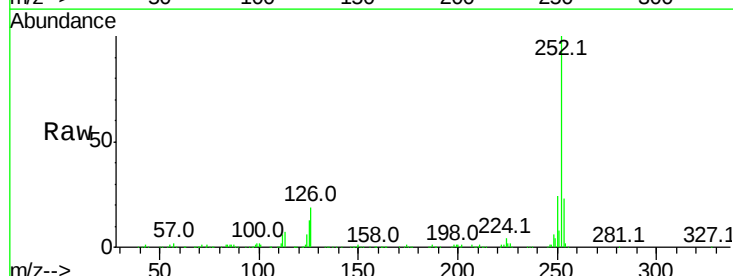
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

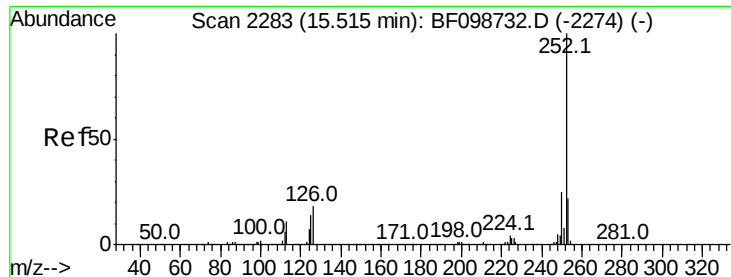
Tot Ion:252 Resp: 442152
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.984 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099435.D
Acq: 13 Oct 2017 11:34

Tgt Ion:252 Resp: 419572
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 44.243 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

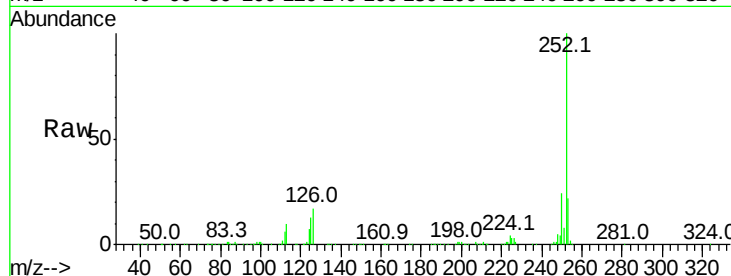
Tot Ion:252 Resp: 392222

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

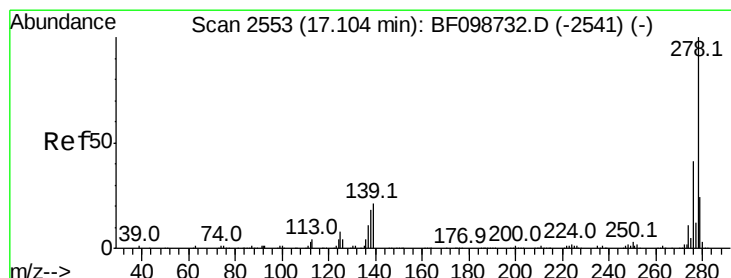
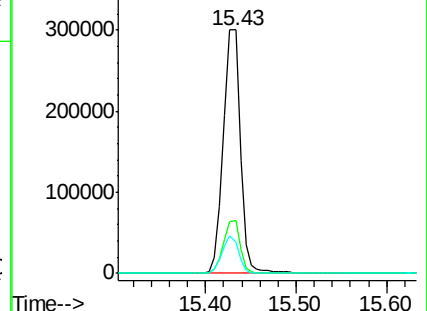
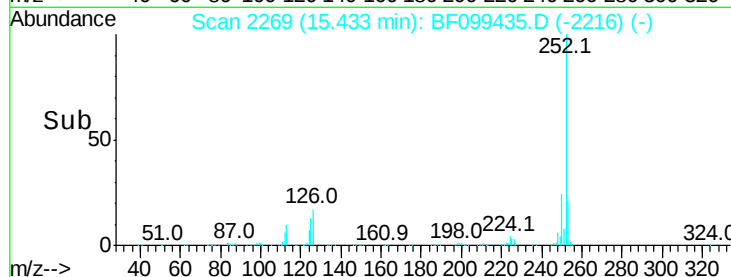
125 12.7 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 42.058 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF099435.D

Acq: 13 Oct 2017 11:34

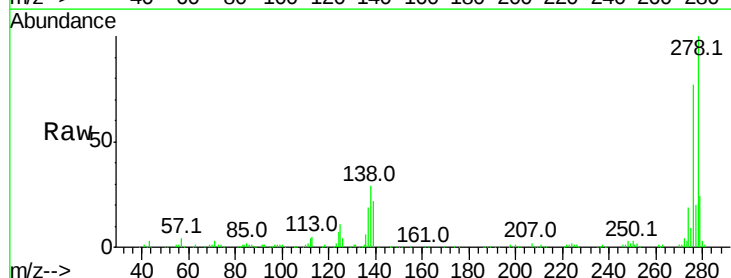
Tgt Ion:278 Resp: 298396

Ion Ratio Lower Upper

278 100

139 22.4 15.9 23.9

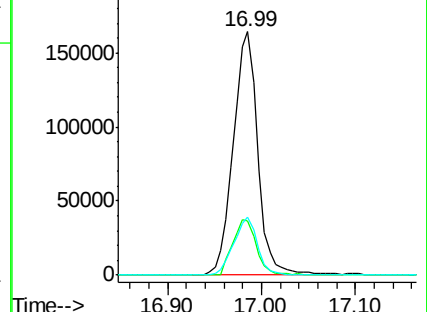
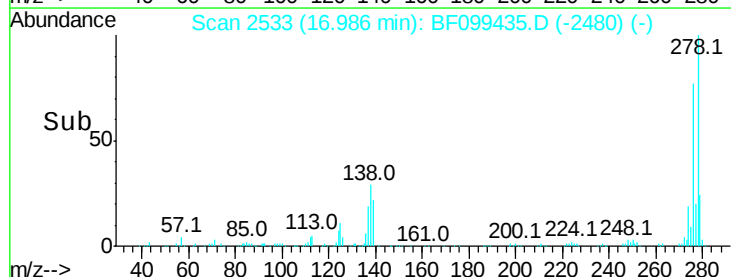
279 24.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

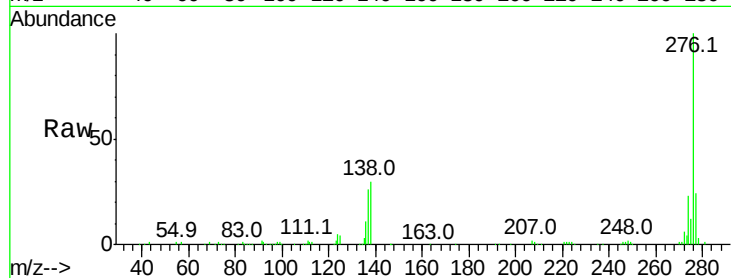




#91
 Benzo(a,h,i)perylene
 Concen: 40.954 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.02 min
 Lab File: BF099435.D
 Acq: 13 Oct 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.7	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

