

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099486.D
 Acq On : 14 Oct 2017 19:37
 Operator : SJ/JU
 Sample : I5865-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:08:25 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	6.85	152	95411	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	392345	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	178276	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	306124	20.00	ng	0.00
75) Chrysene-d12	14.02	240	180001	20.00	ng	0.00
86) Perylene-d12	15.49	264	148195	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	692500	115.54	ng	0.02
7) Phenol-d6	6.50	99	832311	112.57	ng	0.01
23) Nitrobenzene-d5	7.42	82	500763	81.85	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	167321	114.70	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	931101	87.19	ng	0.00
78) Terphenyl-d14	12.96	244	739920	93.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	87983	30.731	ng	96
3) Pyridine	3.47	79	210941	27.236	ng	92
4) n-Nitrosodimethylamine	3.41	42	97375	29.649	ng	85
6) Aniline	6.52	93	231941	23.243	ng	98
8) 2-Chlorophenol	6.65	128	243085	35.814	ng	93
9) Benzaldehyde	6.41	77	76231	17.774	ng	94
10) Phenol	6.51	94	334926	40.504	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	226548	35.242	ng	97
12) 1,3-Dichlorobenzene	6.79	146	261460	36.782	ng	97
13) 1,4-Dichlorobenzene	6.87	146	260464	36.014	ng	99
14) 1,2-Dichlorobenzene	7.02	146	241216	36.096	ng	99
15) Benzyl Alcohol	7.00	79	183279	33.790	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	318416	31.793	ng	92
17) 2-Methylphenol	7.11	107	199618	35.944	ng	99
18) Hexachloroethane	7.36	117	92639	35.636	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	151407	32.074	ng	94
20) 3+4-Methylphenols	7.26	107	242036	34.450	ng	# 67
22) Acetophenone	7.26	105	316067	33.250	ng	# 96
24) Nitrobenzene	7.44	77	242633	34.961	ng	95
25) Isophorone	7.67	82	442243	34.963	ng	98
26) 2-Nitrophenol	7.76	139	135984	40.747	ng	# 85
27) 2,4-Dimethylphenol	7.79	122	212398	33.700	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	287818	36.513	ng	98
29) 2,4-Dichlorophenol	8.00	162	202176	37.363	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	204729	37.828	ng	98
31) Naphthalene	8.16	128	689042	37.393	ng	100
32) Benzoic acid	7.91	122	77857	15.039	ng	98
33) 4-Chloroaniline	8.21	127	118614	15.414	ng	96
34) Hexachlorobutadiene	8.27	225	103418	37.099	ng	100
35) Caprolactam	8.59	113	46205	26.619	ng	# 82
36) 4-Chloro-3-methylphenol	8.70	107	207313	34.086	ng	94
37) 2-Methylnaphthalene	8.85	142	478480	39.943	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	190928	35.911	ng	99
40) Hexachlorocyclopentadiene	9.00	237	109731	45.162	ng	98

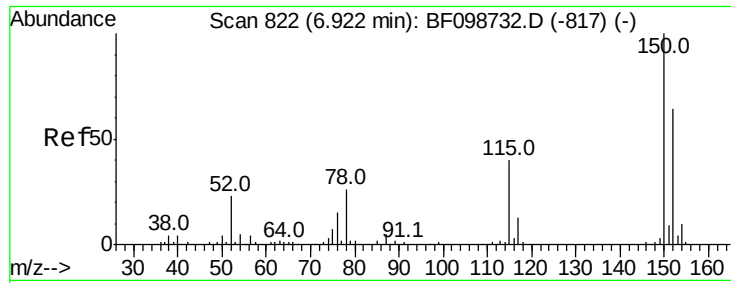
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	125795	33.398	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	131014	34.845	ng	97
45) 1,1'-Biphenyl	9.31	154	554085	36.163	ng	100
46) 2-Chloronaphthalene	9.34	162	432493	37.595	ng	97
47) 2-Nitroaniline	9.44	65	123572	35.081	ng	99
48) Acenaphthylene	9.76	152	653516	37.109	ng	99
49) Dimethylphthalate	9.61	163	655228	48.697	ng	99
50) 2,6-Dinitrotoluene	9.68	165	110955	37.878	ng	93
51) Acenaphthene	9.93	154	385079	34.519	ng	99
52) 3-Nitroaniline	9.85	138	79400	23.246	ng	95
53) 2,4-Dinitrophenol	9.97	184	54679	39.069	ng	88
54) Dibenzofuran	10.10	168	574319	38.667	ng	99
55) 4-Nitrophenol	10.02	139	117385	40.644	ng	94
56) 2,4-Dinitrotoluene	10.09	165	141310	37.170	ng	96
57) Fluorene	10.44	166	453713	38.005	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	96225	37.048	ng	97
59) Diethylphthalate	10.31	149	480735	36.564	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	205826	38.381	ng	99
61) 4-Nitroaniline	10.47	138	119238	36.185	ng	90
62) Azobenzene	10.59	77	460424	38.086	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	51755	27.787	ng	87
65) n-Nitrosodiphenylamine	10.55	169	400607	37.775	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	117955	39.365	ng	# 89
67) Hexachlorobenzene	10.99	284	119323	37.285	ng	97
68) Atrazine	11.07	200	124486	39.015	ng	99
69) Pentachlorophenol	11.19	266	74703	37.506	ng	100
70) Phenanthrene	11.40	178	636697	38.856	ng	100
71) Anthracene	11.46	178	665547	39.696	ng	100
72) Carbazole	11.62	167	594380	36.202	ng	99
73) Di-n-butylphthalate	11.93	149	741847	37.538	ng	98
74) Fluoranthene	12.59	202	625253	37.683	ng	99
76) Benzidine	12.72	184	194643	29.236	ng	97
77) Pyrene	12.82	202	627988	45.753	ng	99
79) Butylbenzylphthalate	13.43	149	274710	42.586	ng	98
80) Benzo(a)anthracene	14.01	228	428500	39.314	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	85798	21.473	ng	97
82) Chrysene	14.05	228	409876	39.499	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	347871	39.164	ng	# 99
84) Di-n-octyl phthalate	14.59	149	496923	34.744	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	395766	47.678	ng	96
87) Benzo(b)fluoranthene	15.06	252	331584	36.391	ng	98
88) Benzo(k)fluoranthene	15.09	252	347122	38.571	ng	99
89) Benzo(a)pyrene	15.43	252	330130	39.471	ng	97
90) Dibenzo(a,h)anthracene	16.99	278	325570	48.640	ng	97
91) Benzo(g,h,i)perylene	17.43	276	344660	52.092	ng	95

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

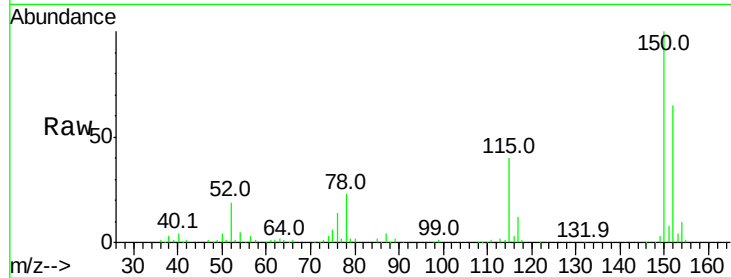


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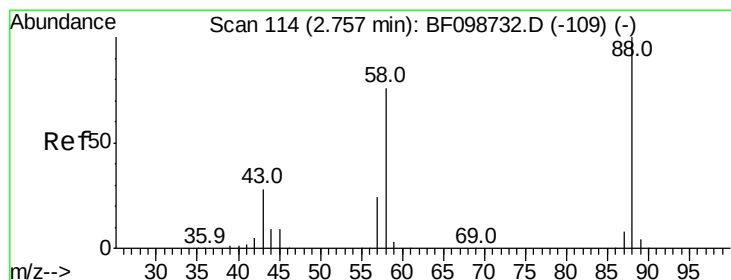
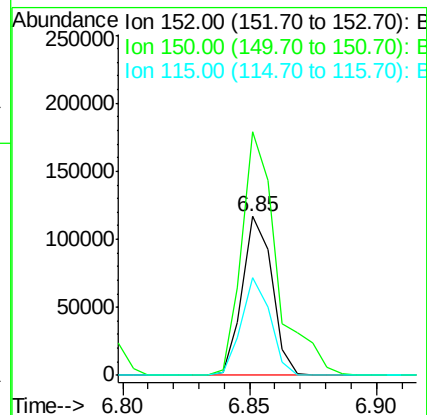
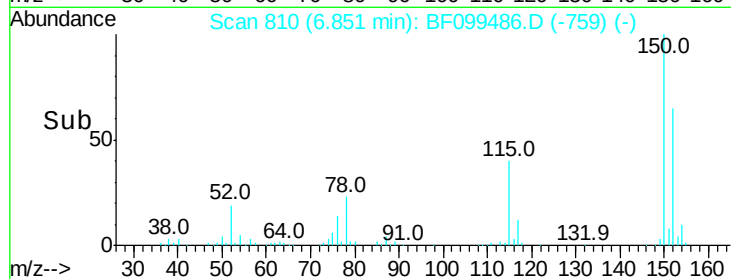
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95411
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 61.2 50.1 75.1



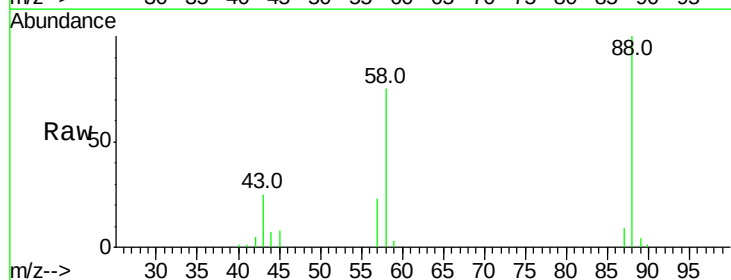
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



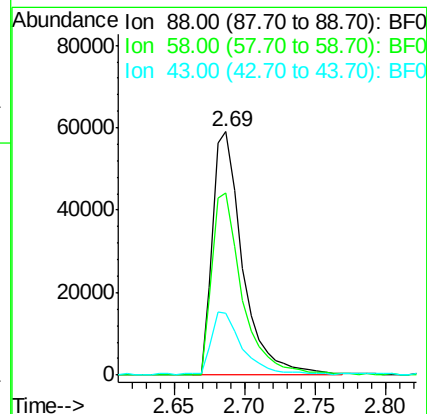
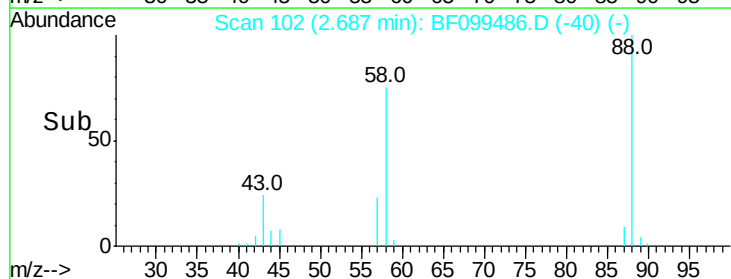
#2

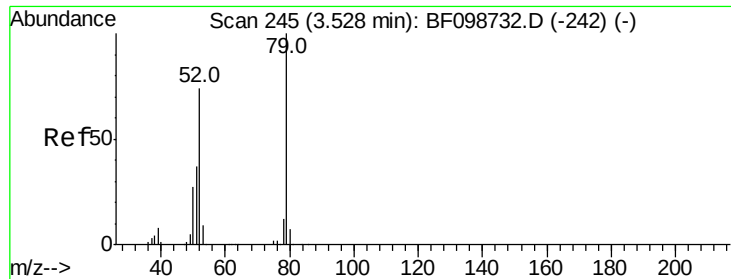
1,4-Dioxane
Concen: 30.731 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion: 88 Resp: 87983
Ion Ratio Lower Upper
88 100
58 75.4 62.6 93.8
43 27.6 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: 27.236 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

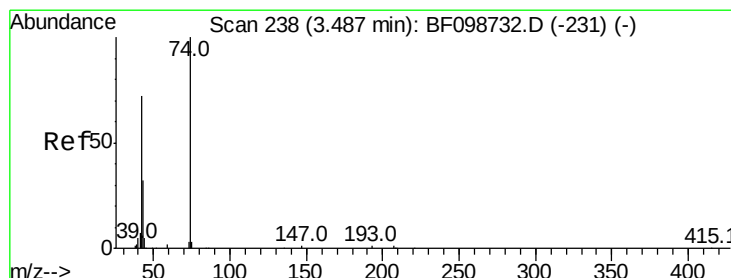
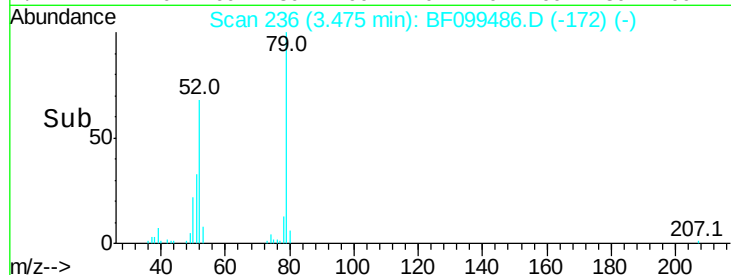
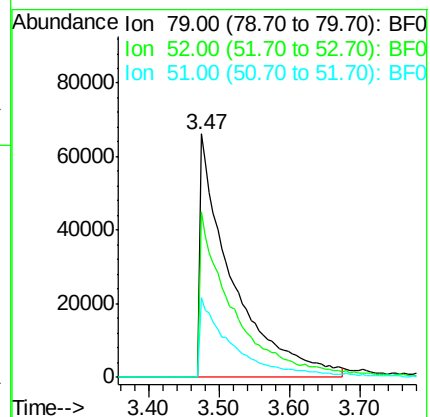
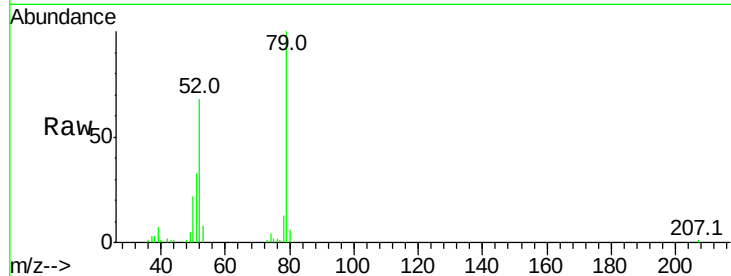
Tot Ion: 79 Resp: 210941

Ion Ratio Lower Upper

79 100

52 68.1 59.8 89.6

51 32.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.649 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

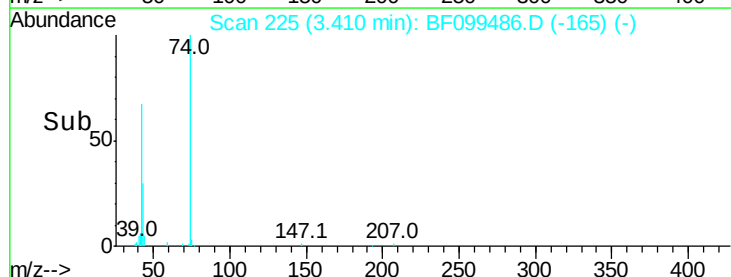
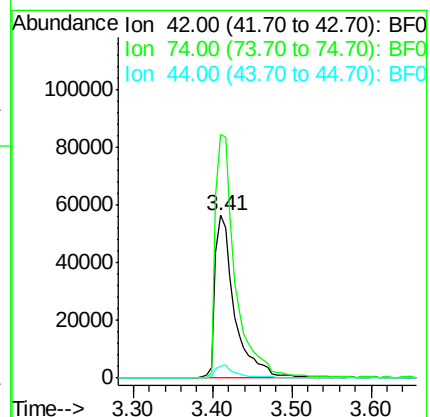
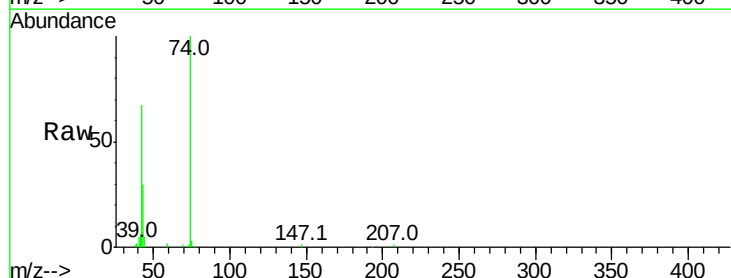
Tgt Ion: 42 Resp: 97375

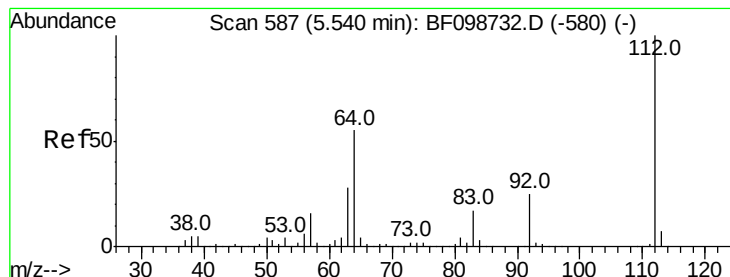
Ion Ratio Lower Upper

42 100

74 149.5 104.9 157.3

44 7.6 6.9 10.3

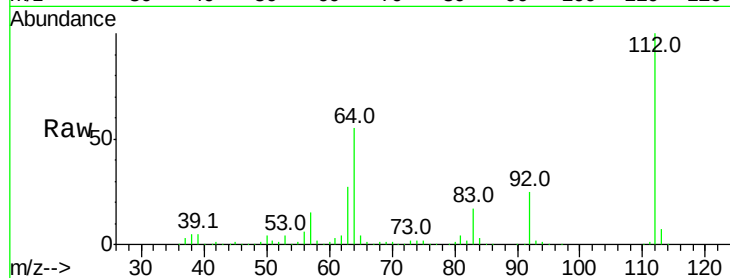




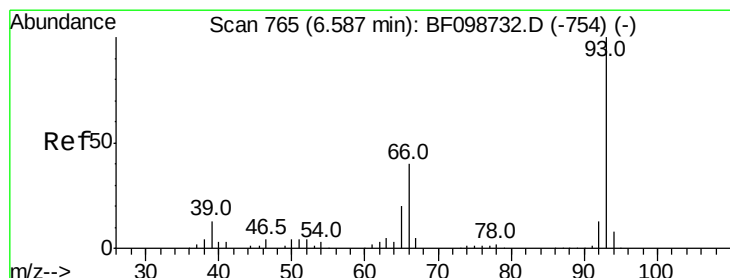
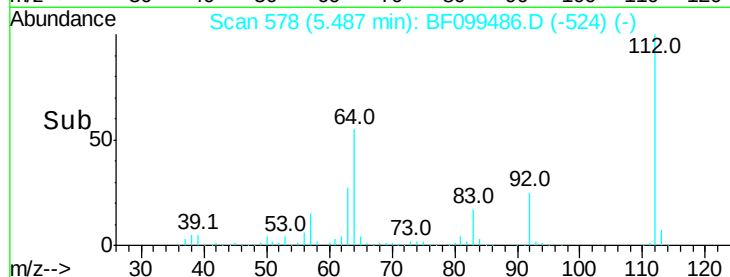
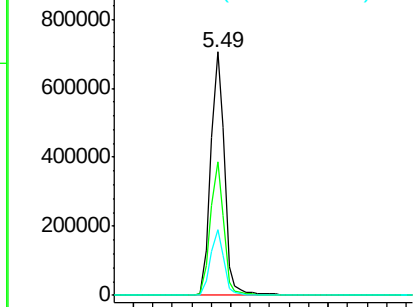
#5
 2-Fluorophenol
 Concen: 115.541 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 692500
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 27.2 23.7 35.5

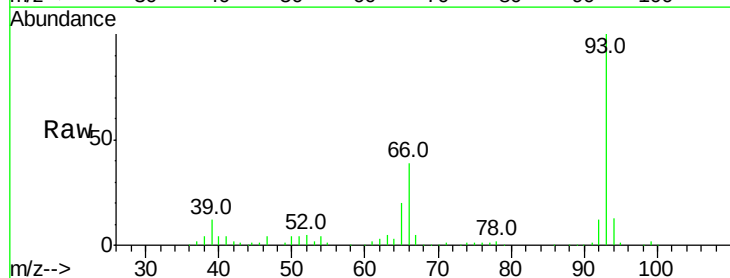


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

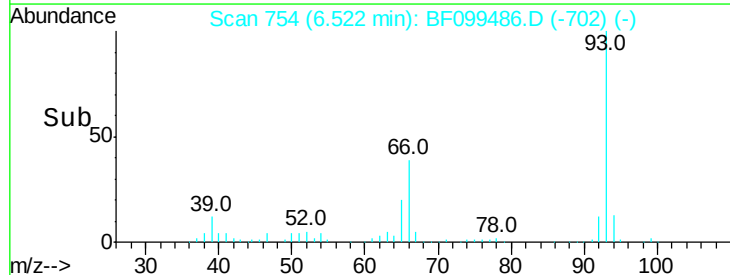
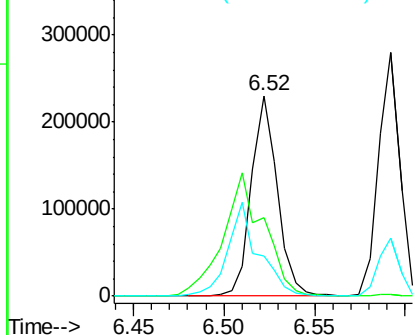


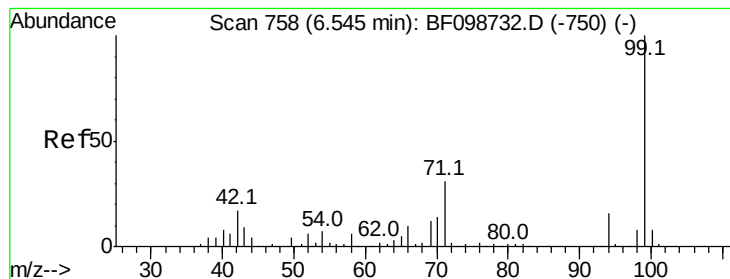
#6
 Aniline
 Concen: 23.243 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion: 93 Resp: 231941
 Ion Ratio Lower Upper
 93 100
 66 38.9 32.2 48.2
 65 19.8 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: 112.570 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

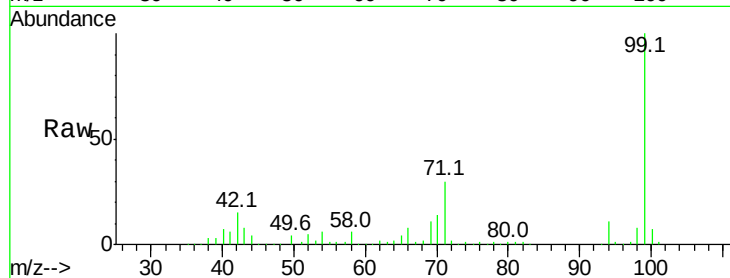
Tot Ion: 99 Resp: 832311

Ion Ratio Lower Upper

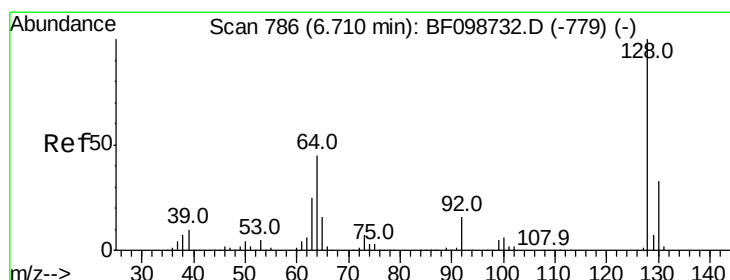
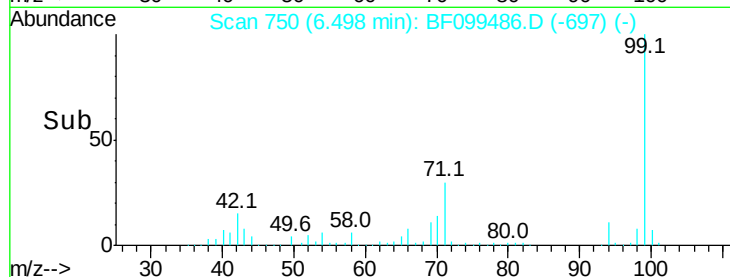
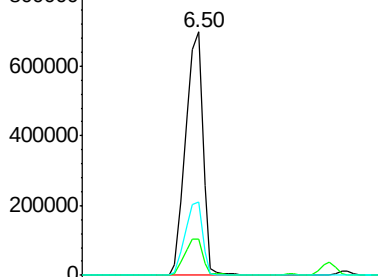
99 100

42 15.1 14.5 21.7

71 29.9 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: 35.814 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

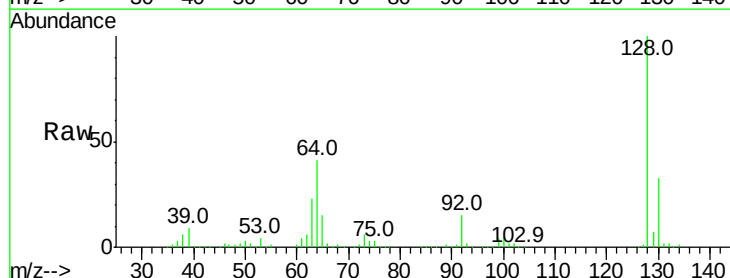
Tgt Ion: 128 Resp: 243085

Ion Ratio Lower Upper

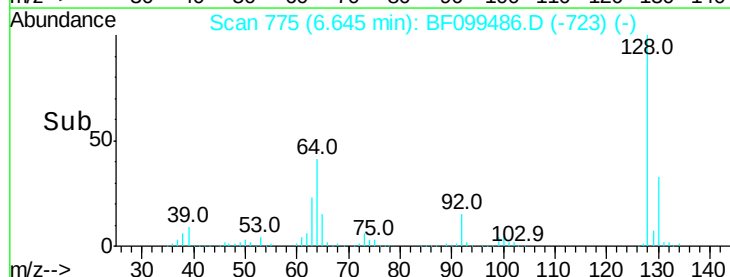
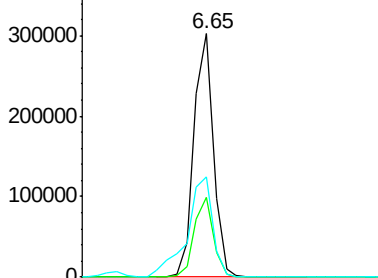
128 100

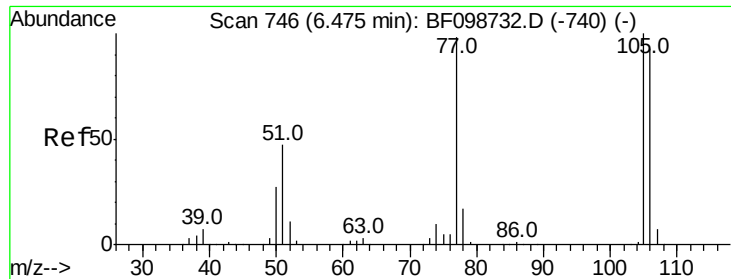
130 32.6 13.0 53.0

64 41.2 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

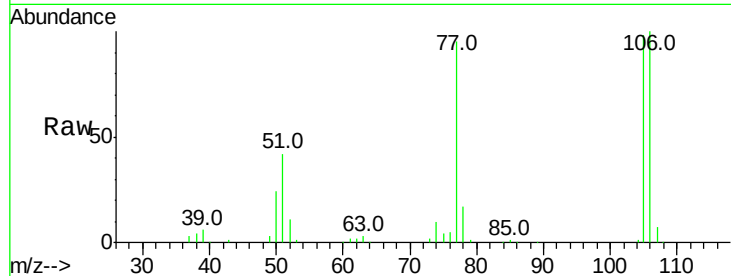




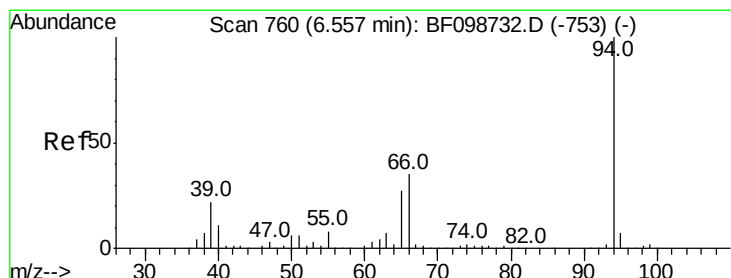
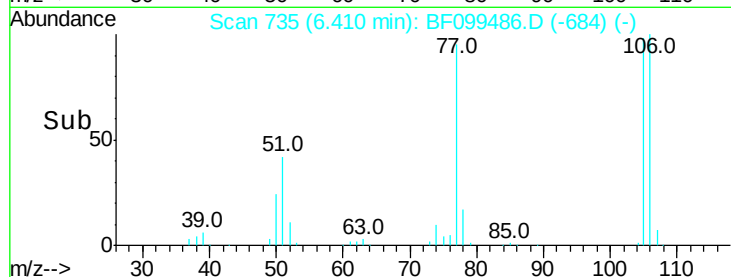
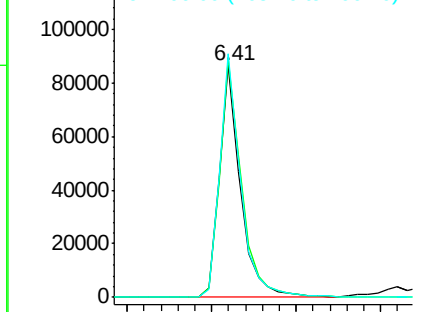
#9
Benzaldehyde
Concen: 17.774 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 76231
Ion Ratio Lower Upper
77 100
105 102.8 81.1 121.1
106 104.9 74.5 114.5

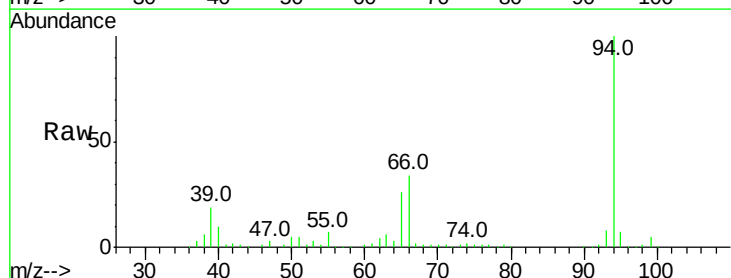


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

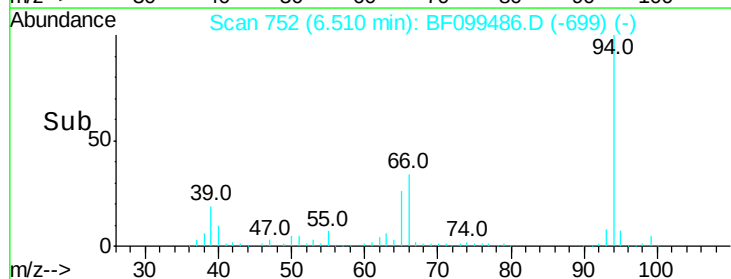
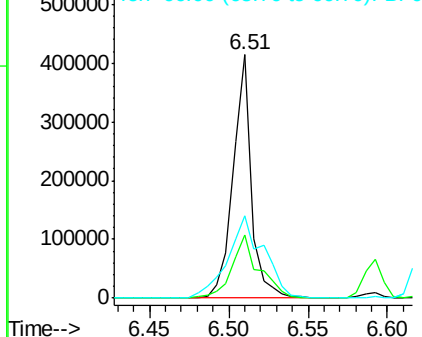


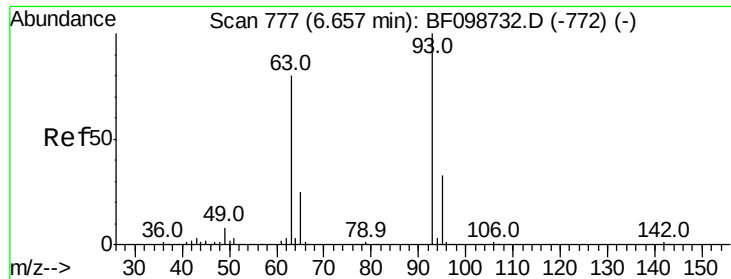
#10
Phenol
Concen: 40.504 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion: 94 Resp: 334926
Ion Ratio Lower Upper
94 100
65 26.1 7.9 47.9
66 34.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

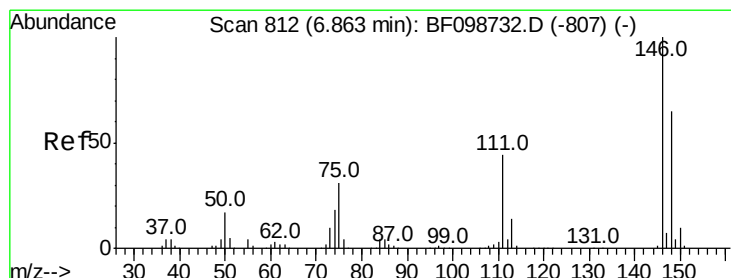
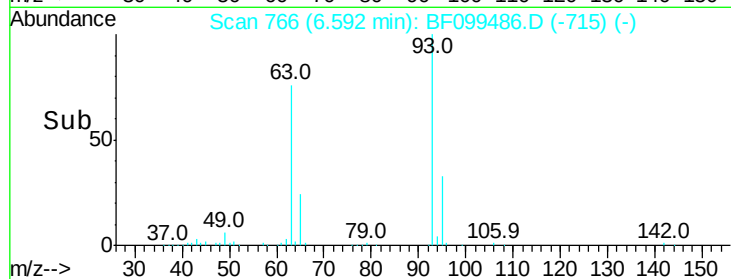
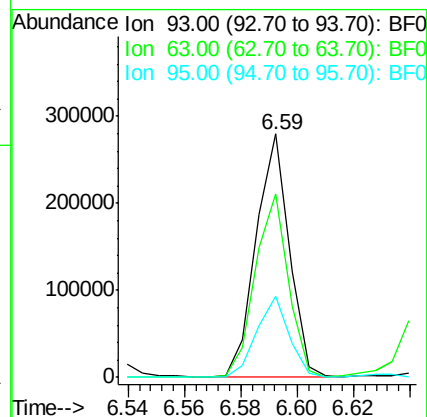
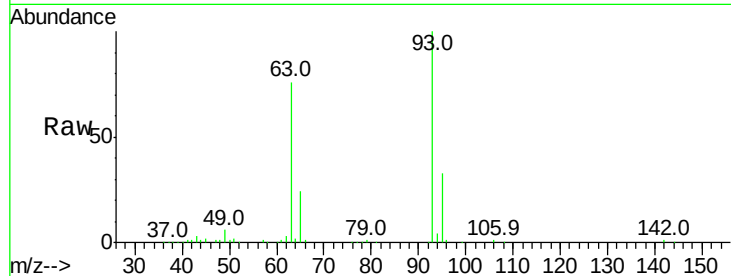




#11
bis(2-Chloroethyl)ether
Concen: 35.242 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

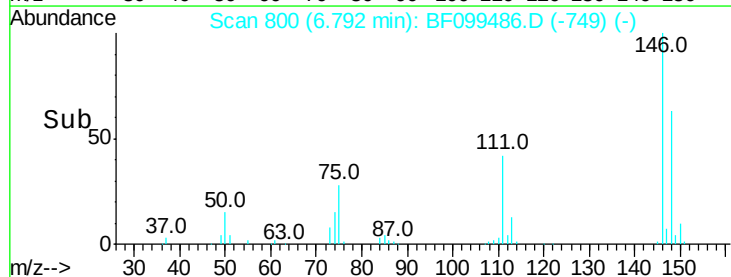
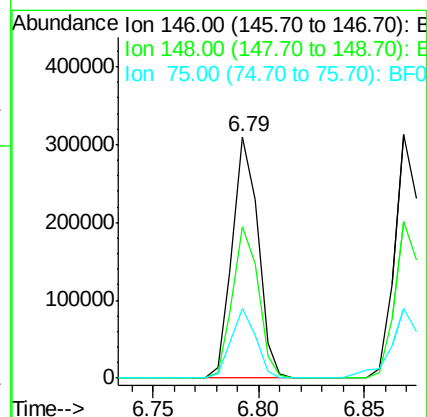
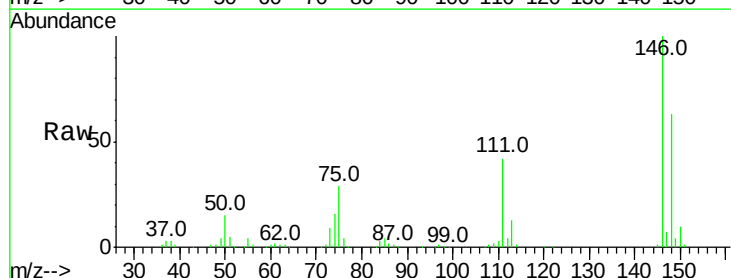
Instrument :
BNA_F
ClientSampleId :

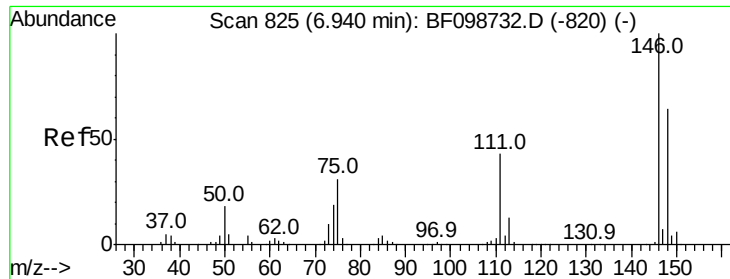
Tot Ion: 93 Resp: 226548
Ion Ratio Lower Upper
93 100
63 75.5 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.782 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion: 146 Resp: 261460
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 28.7 24.2 36.4

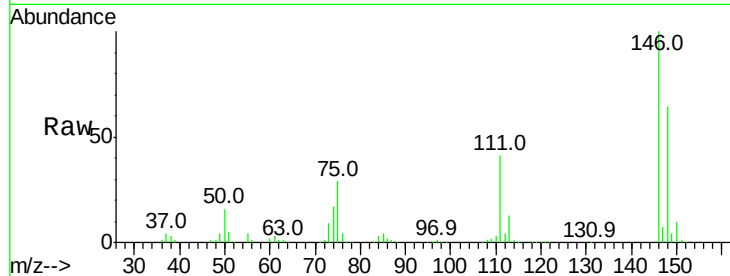




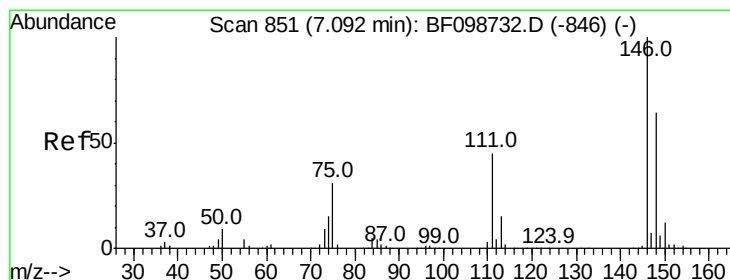
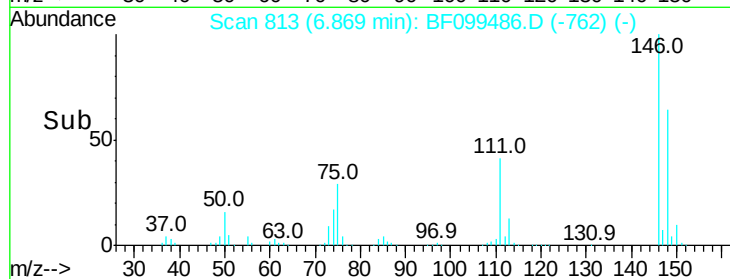
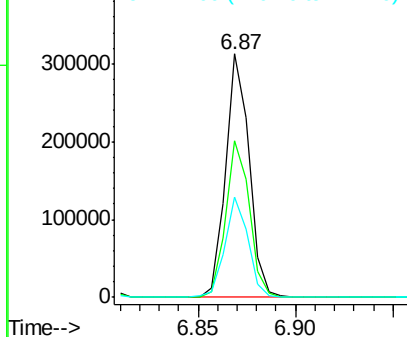
#13
 1,4-Dichlorobenzene
 Concen: 36.014 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 260464
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.2 34.2 51.2

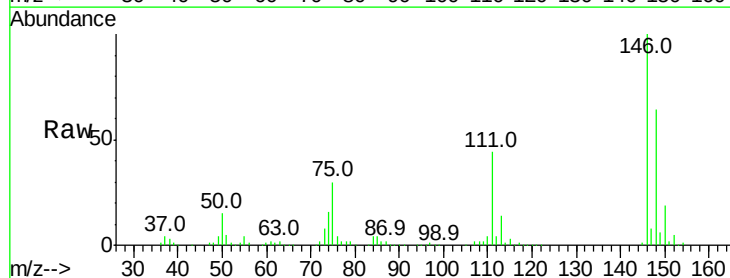


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

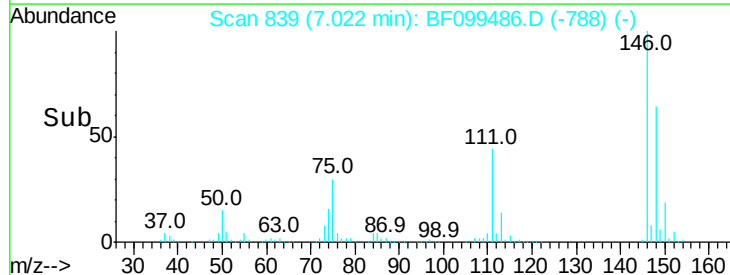
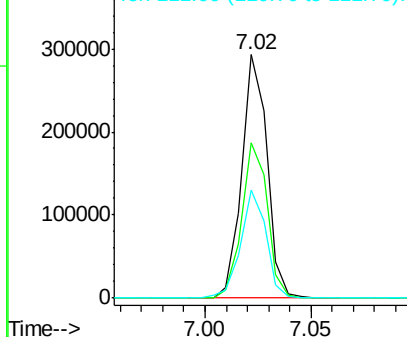


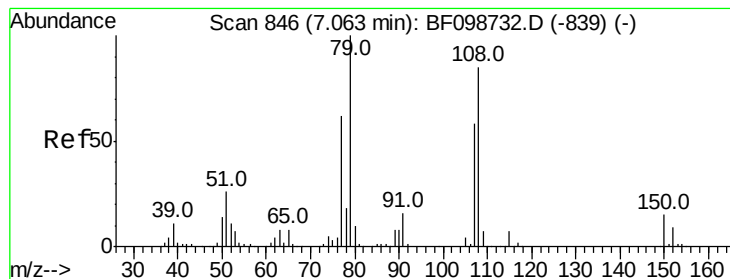
#14
 1,2-Dichlorobenzene
 Concen: 36.096 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:146 Resp: 241216
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.3 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: 33.790 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

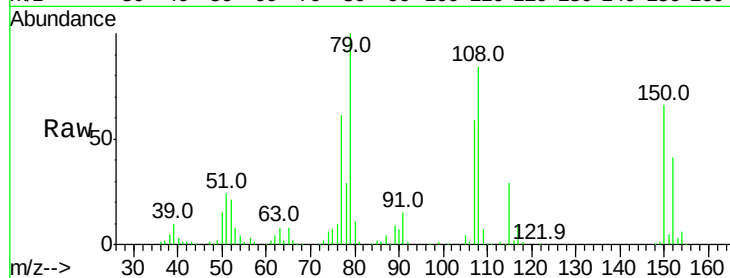
Tot Ion: 79 Resp: 183279

Ion Ratio Lower Upper

79 100

108 83.6 65.1 97.7

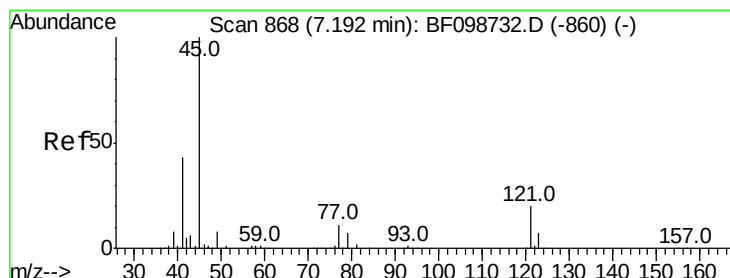
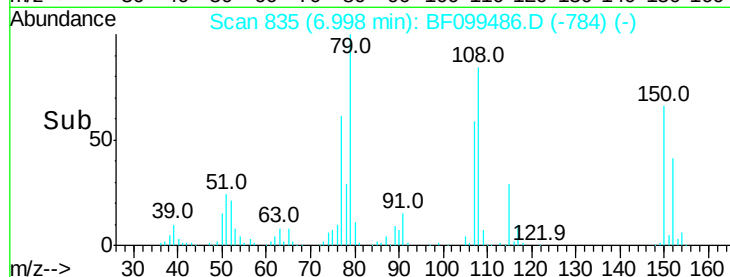
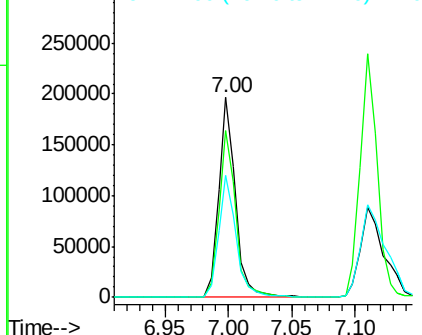
77 61.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.793 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

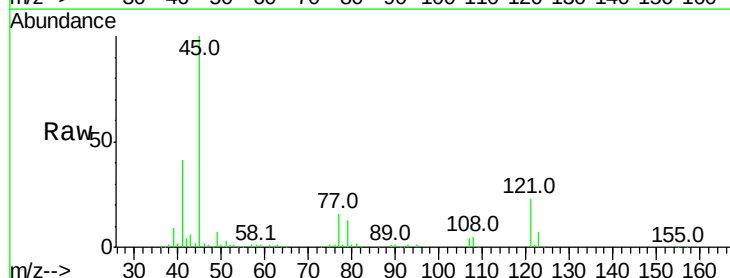
Tgt Ion: 45 Resp: 318416

Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

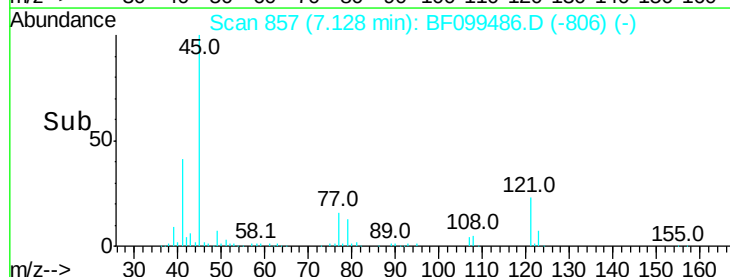
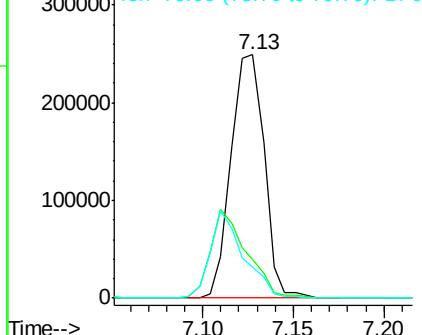
79 12.9 0.0 29.6

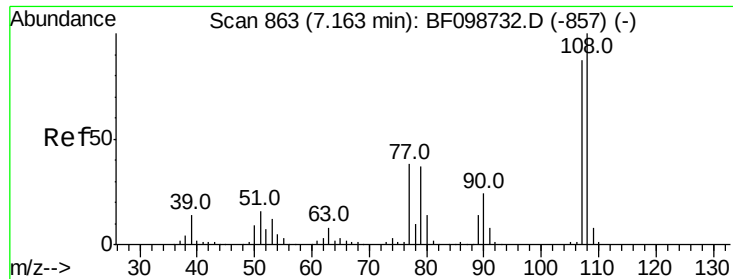


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

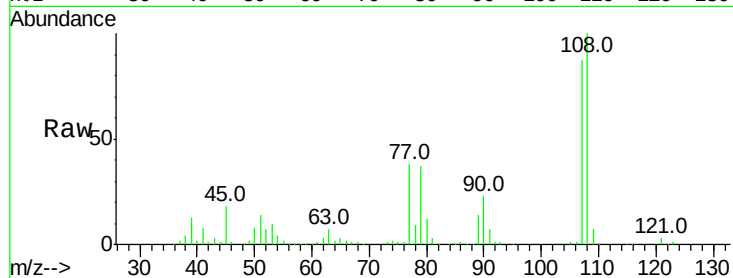




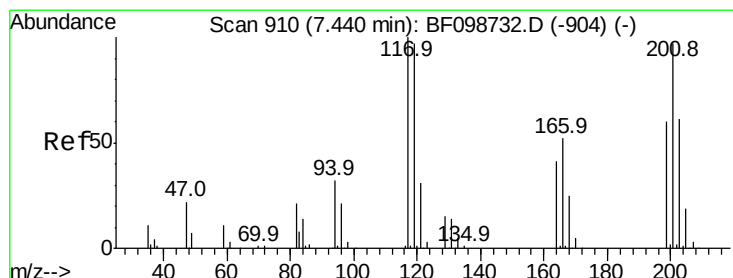
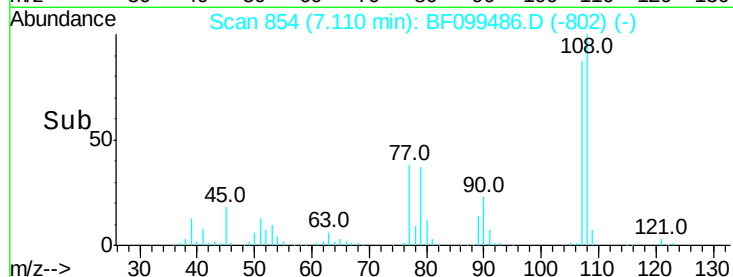
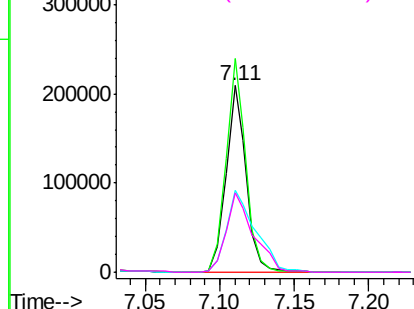
#17
2-Methylphenol
Concen: 35.944 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 199618
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 43.7 33.8 50.8
79 42.5 33.8 50.8

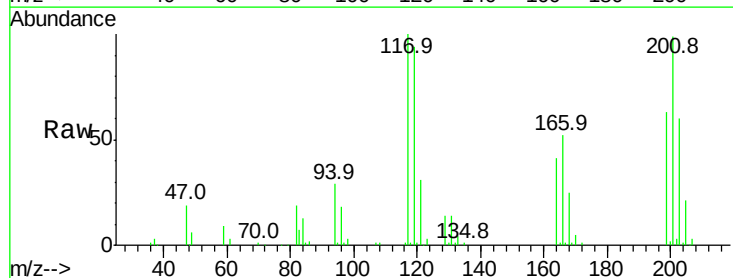


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

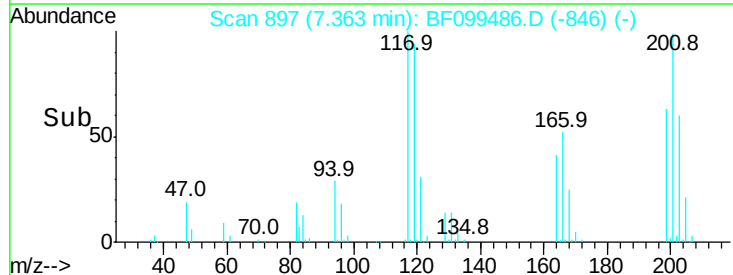
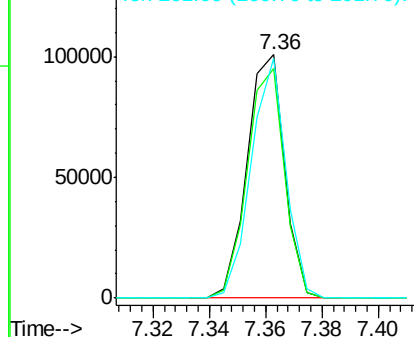


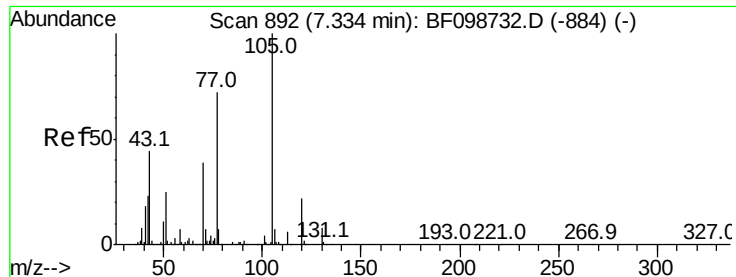
#18
Hexachloroethane
Concen: 35.636 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:117 Resp: 92639
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
201 98.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

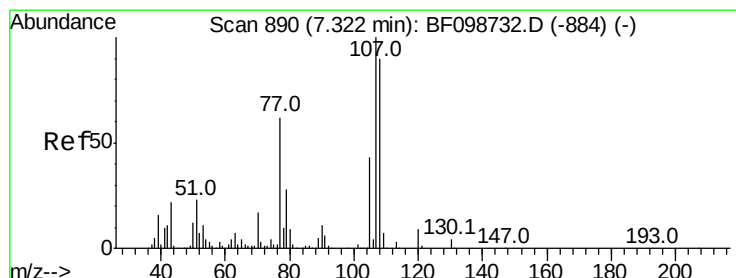
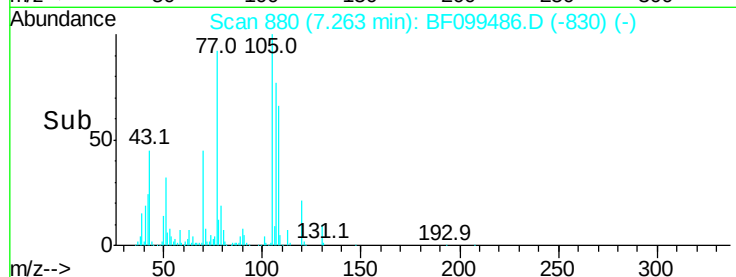
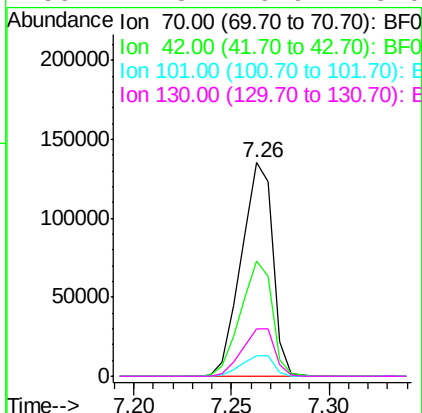
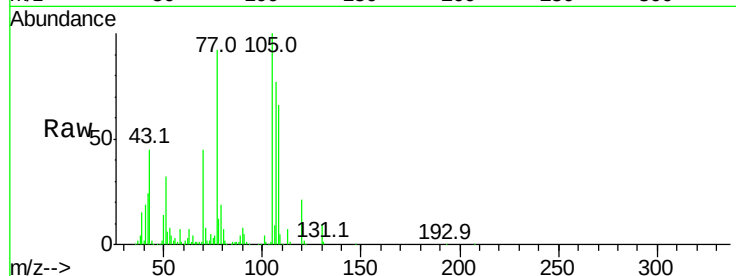




#19
n-Nitroso-di-n-propylamine
Concen: 32.074 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

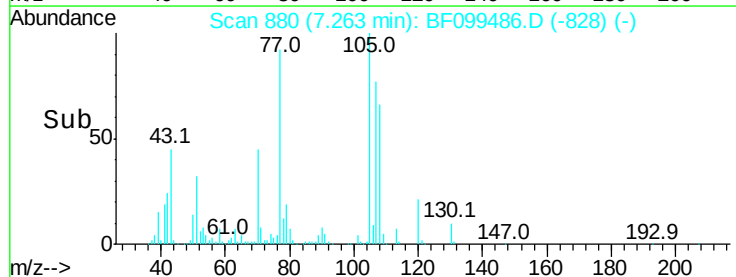
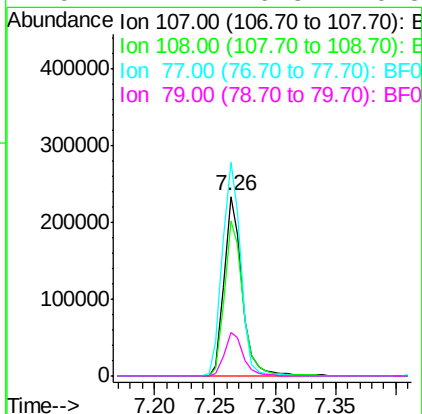
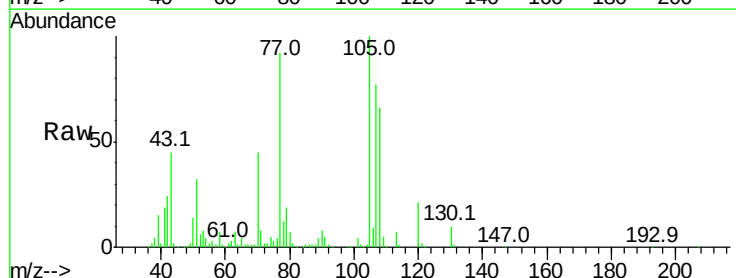
Instrument :
BNA_F
ClientSampleId :

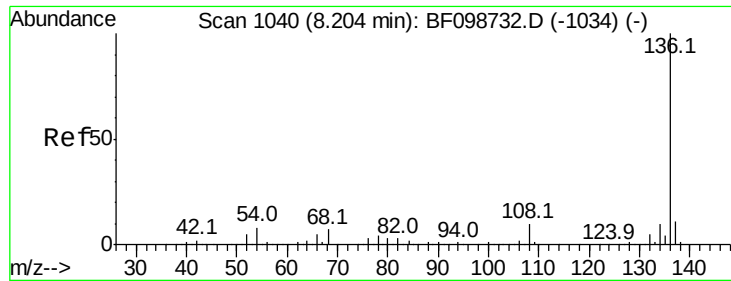
Tot Ion:	70	Resp:	151407
Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.9	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.450 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:	107	Resp:	242036
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	118.8	26.7	66.7#
79	24.4	6.3	46.3

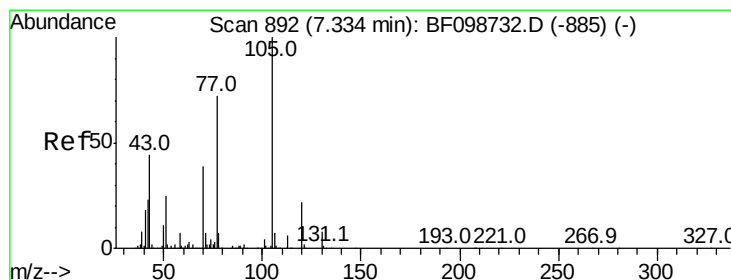
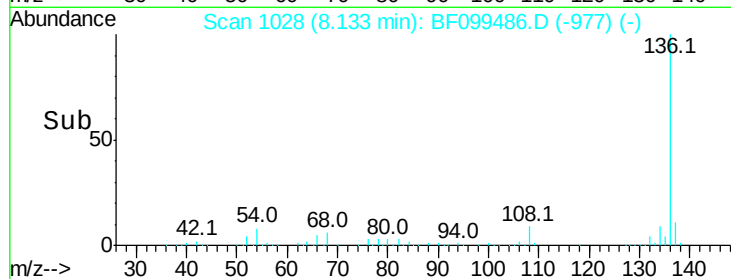
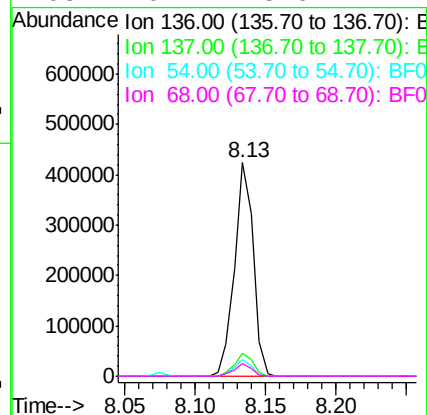
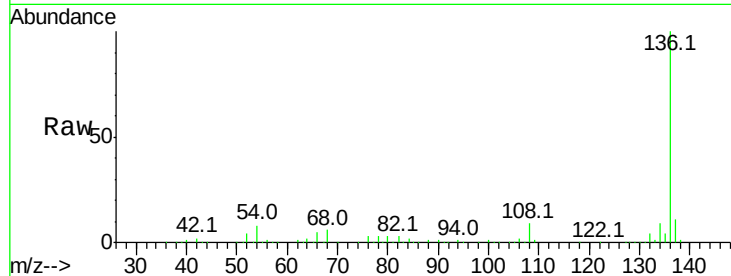




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

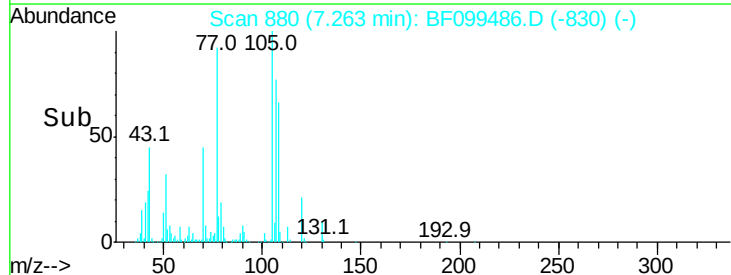
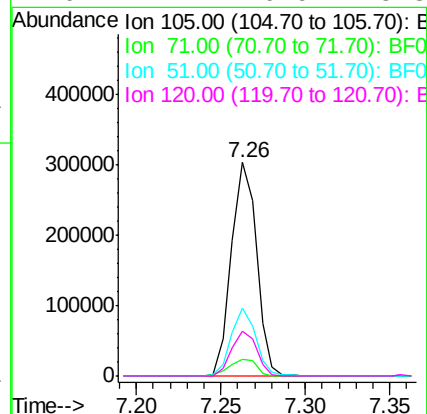
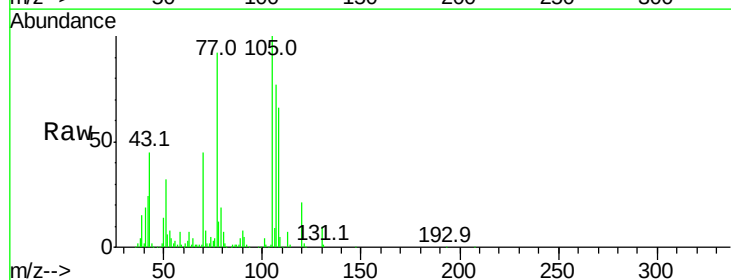
Instrument :
BNA_F
ClientSampleId :

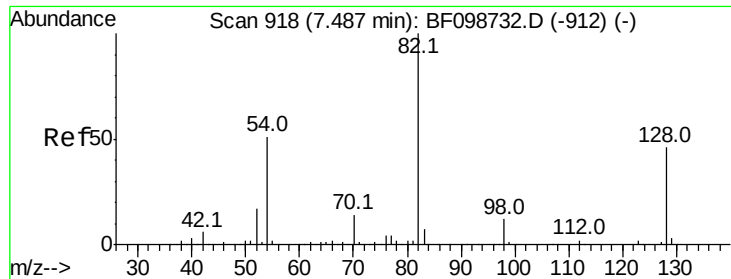
Tot Ion:136	Resp:	392345
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.5	6.6 9.8
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 33.250 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:105	Resp:	316067
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	31.7	22.3 33.5
120	21.2	16.9 25.3

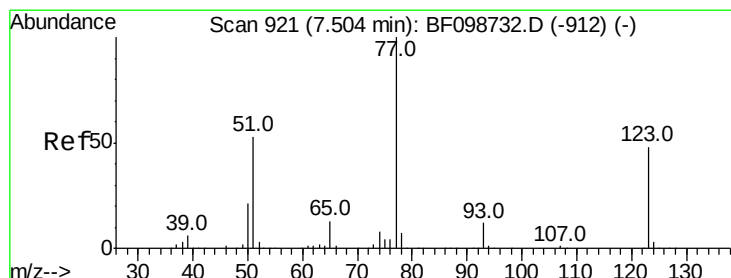
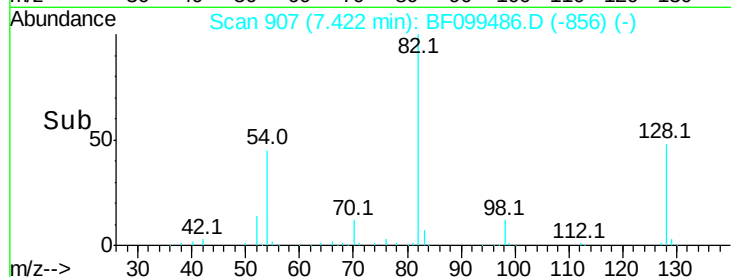
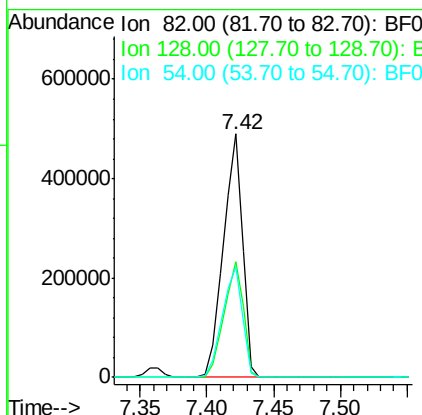
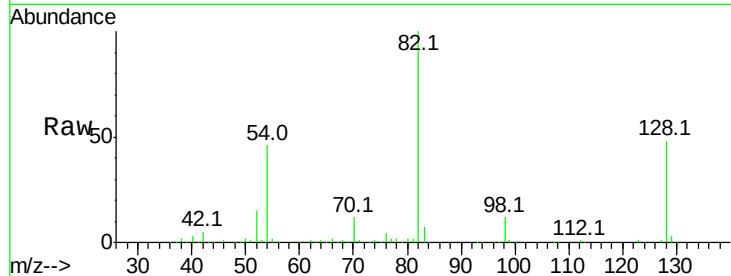




#23
 Nitrobenzene-d5
 Concen: 81.851 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

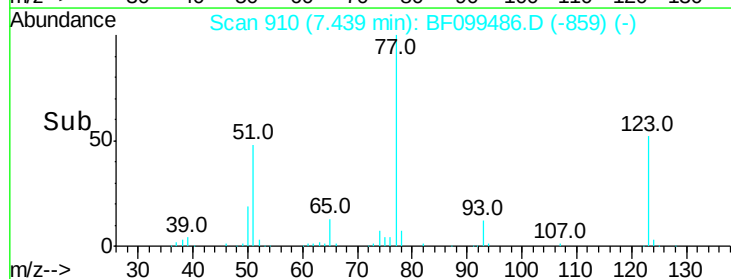
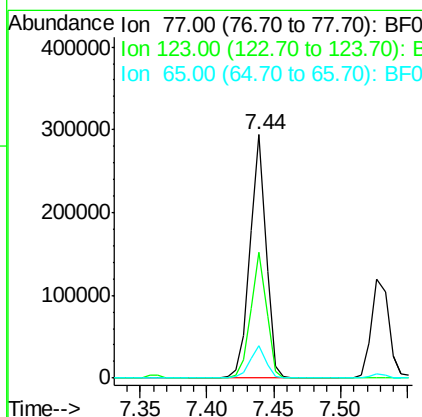
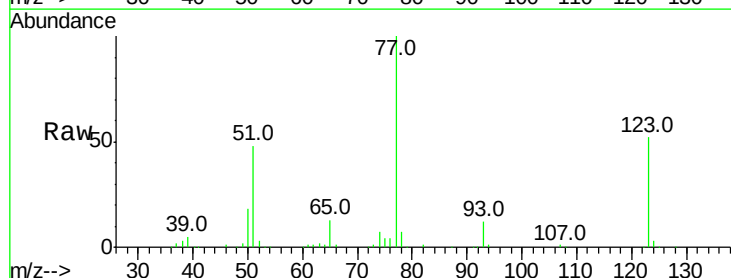
Instrument :
 BNA_F
 ClientSampleId :

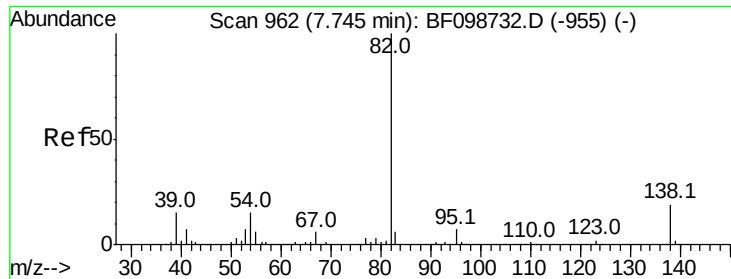
Tot Ion: 82 Resp: 500763
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 45.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 34.961 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion: 77 Resp: 242633
 Ion Ratio Lower Upper
 77 100
 123 51.5 37.9 56.9
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 34.963 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

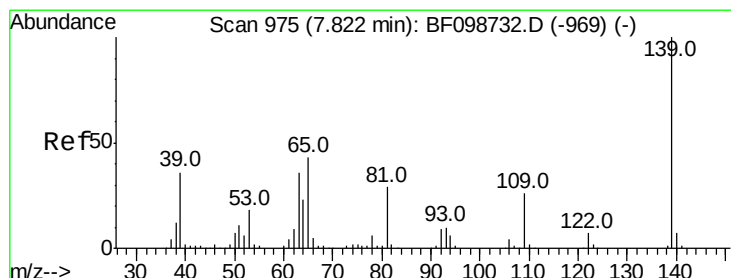
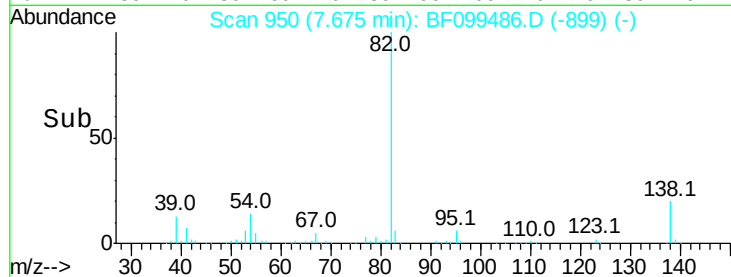
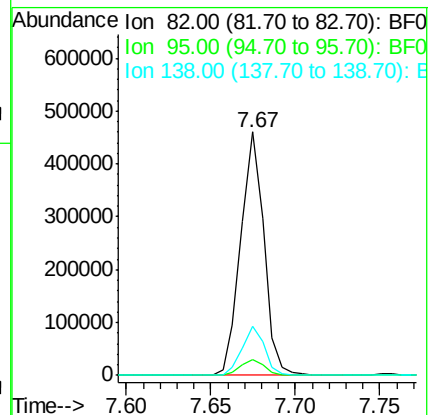
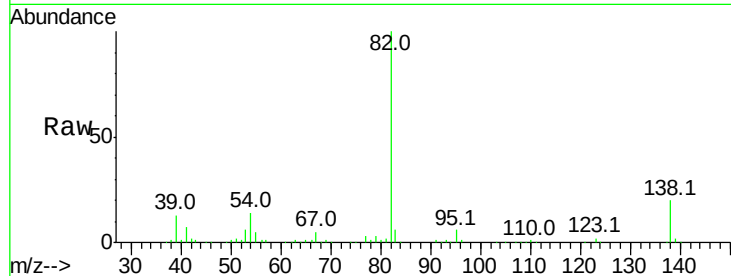
Tot Ion: 82 Resp: 442243

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 20.0 14.9 22.3



#26

2-Nitrophenol

Concen: 40.747 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

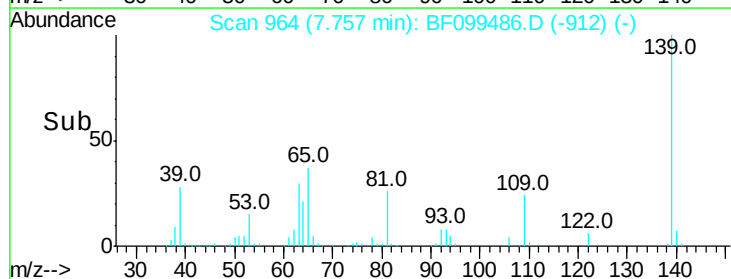
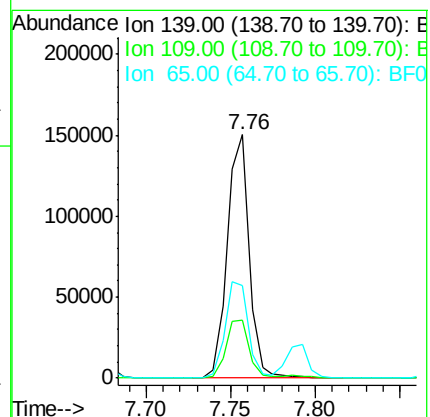
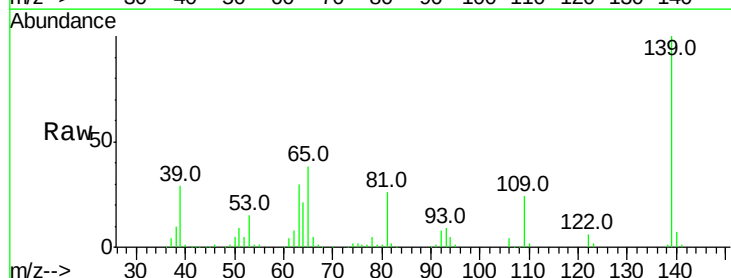
Tgt Ion:139 Resp: 135984

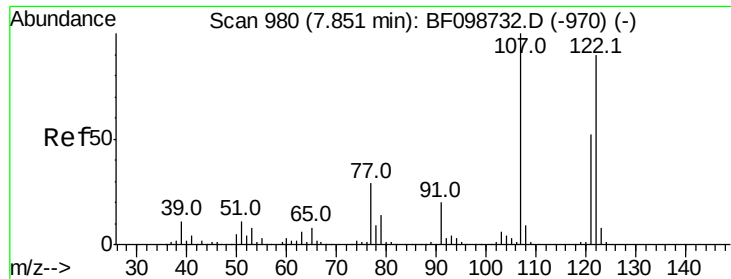
Ion Ratio Lower Upper

139 100

109 23.8 22.7 34.1

65 37.9 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 33.700 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

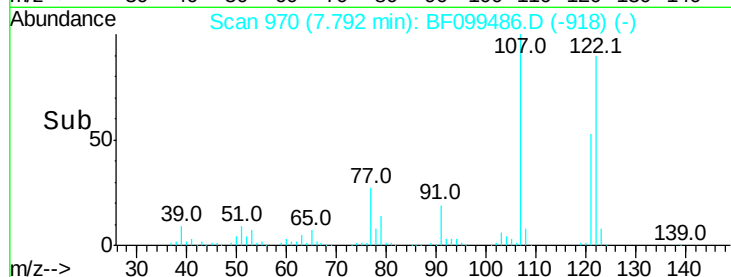
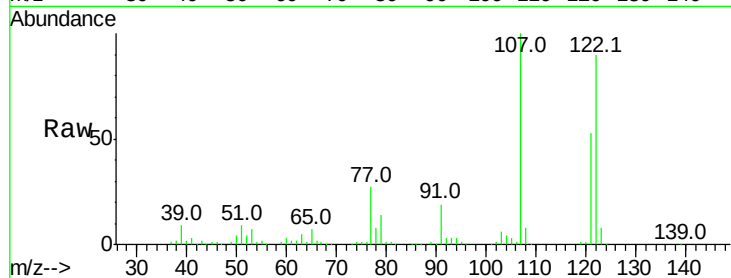
Tot Ion:122 Resp: 212398

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

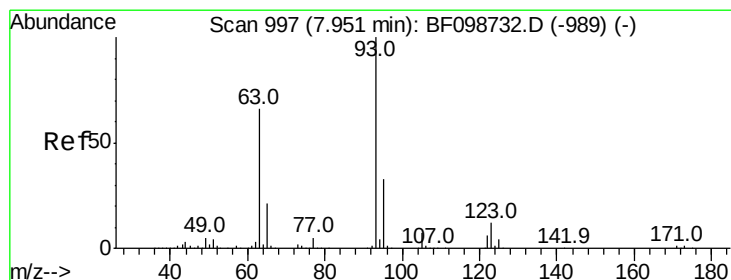
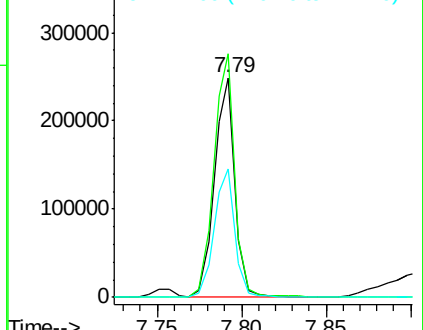
121 58.7 47.2 70.8



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: 36.513 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

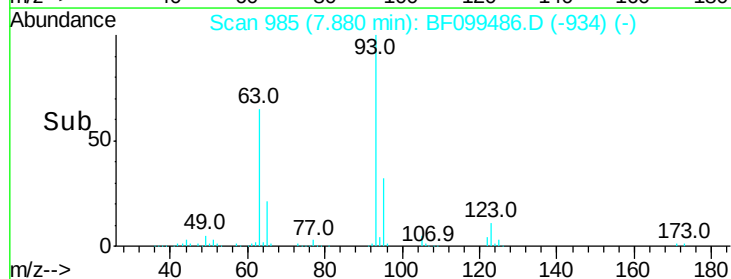
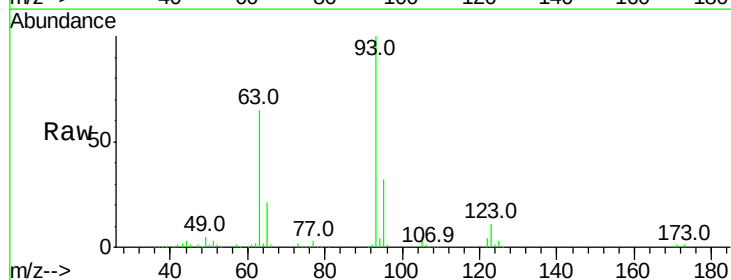
Tgt Ion: 93 Resp: 287818

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

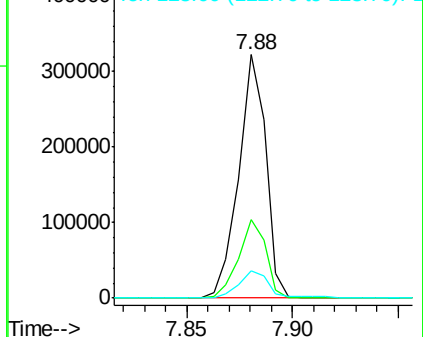
123 11.2 9.8 14.6

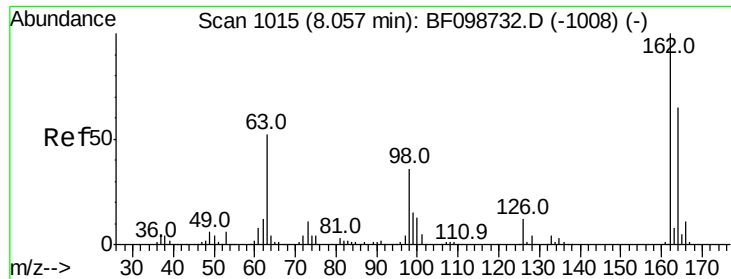


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

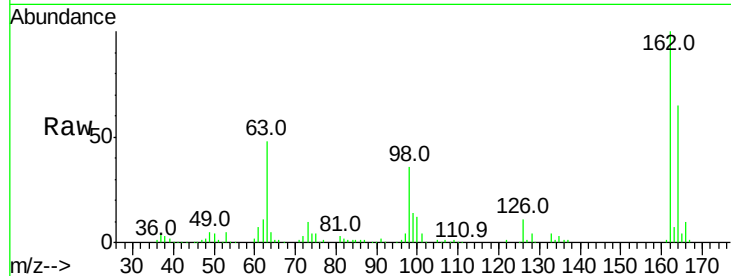




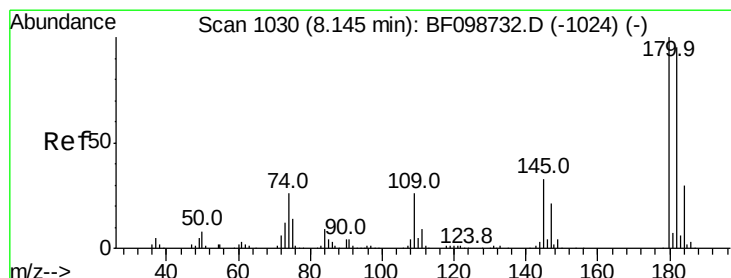
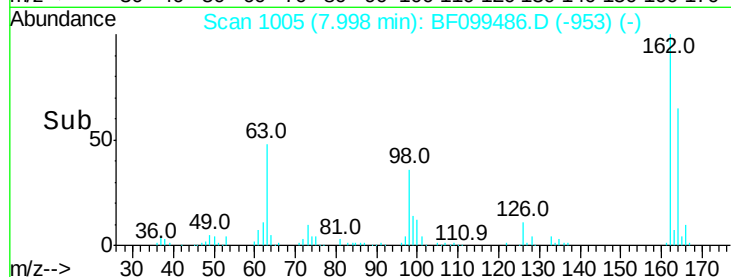
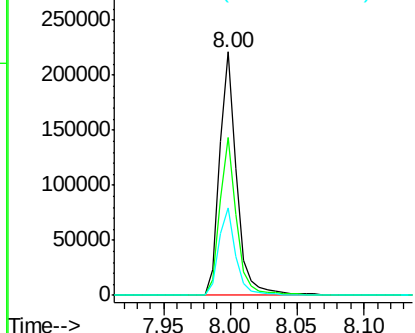
#29
 2,4-Dichlorophenol
 Concen: 37.363 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	35.8	18.1	58.1

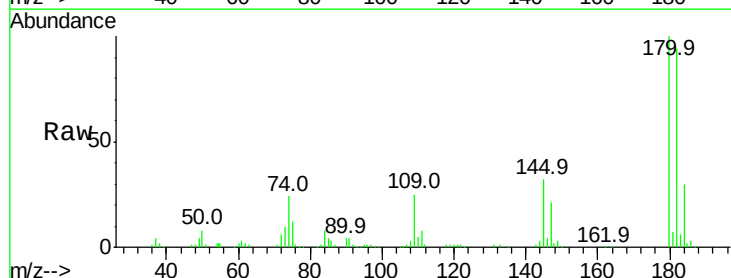


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

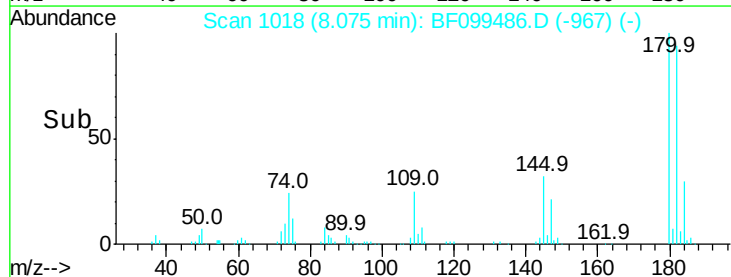
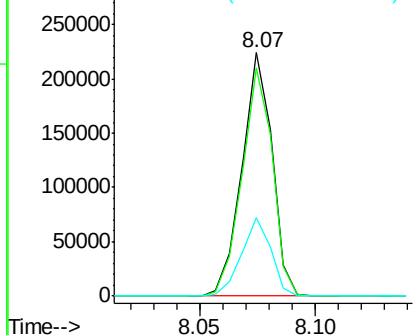


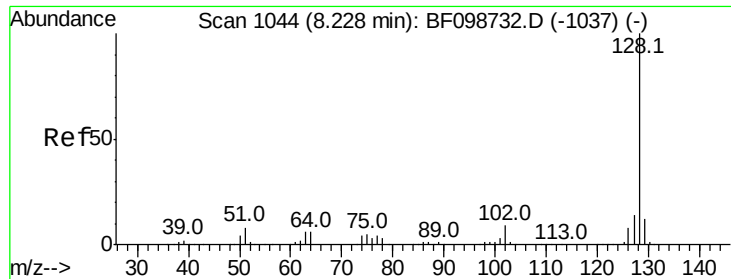
#30
 1,2,4-Trichlorobenzene
 Concen: 37.828 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.8	115.2
145	32.2	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

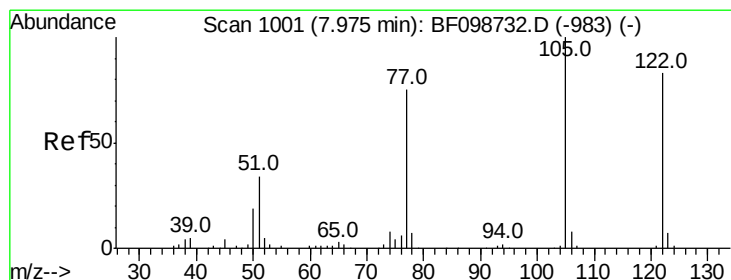
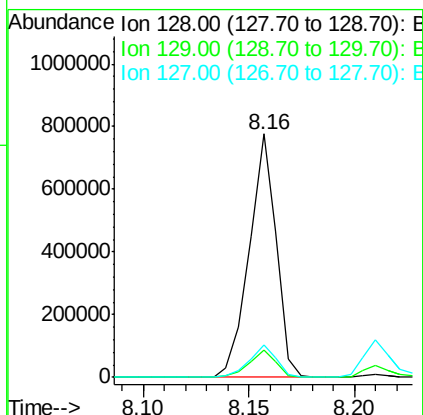
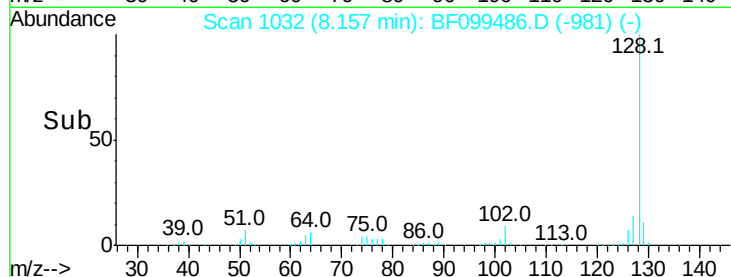
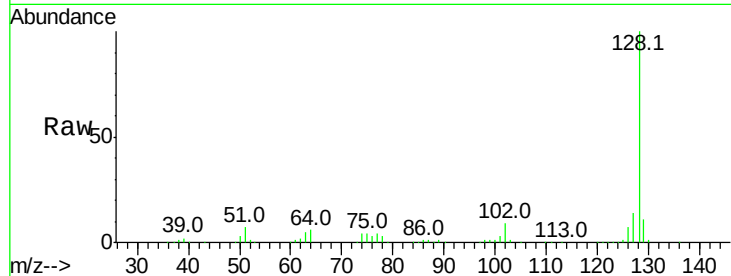




#31
Naphthalene
Concen: 37.393 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

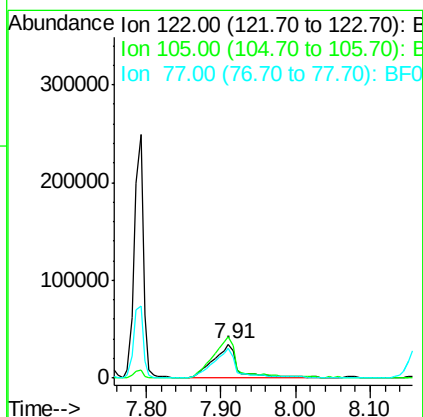
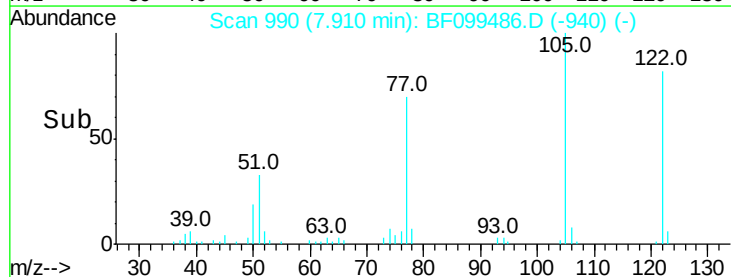
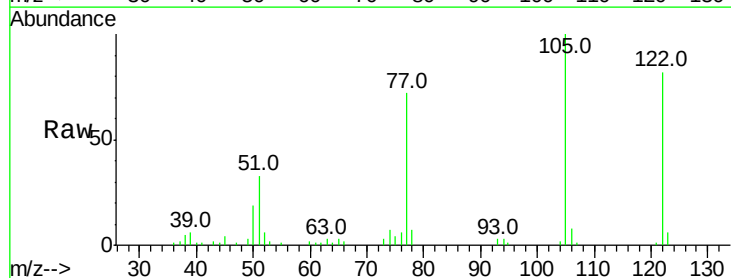
Instrument :
BNA_F
ClientSampleId :

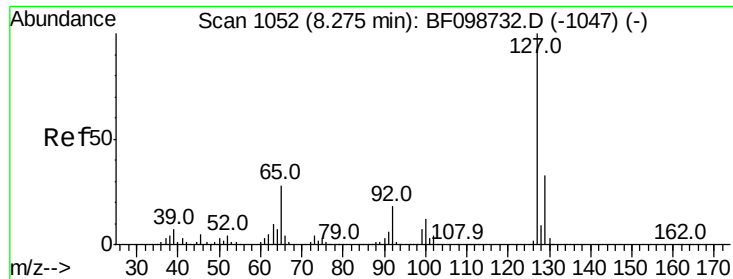
Tot Ion:128 Resp: 689042
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 15.039 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:122 Resp: 77857
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 87.7 70.7 110.7

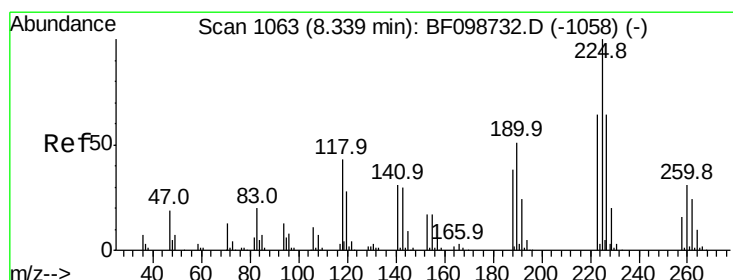
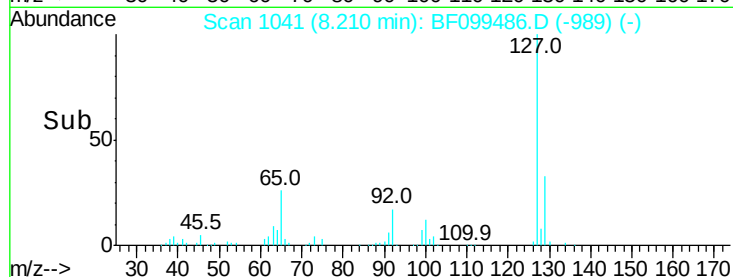
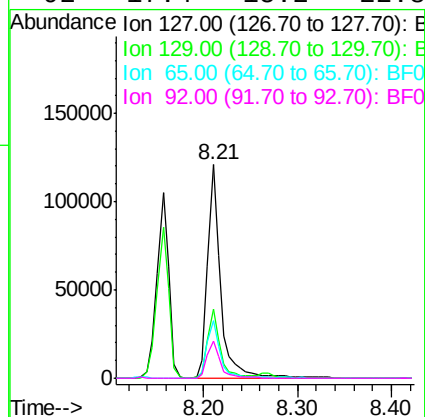
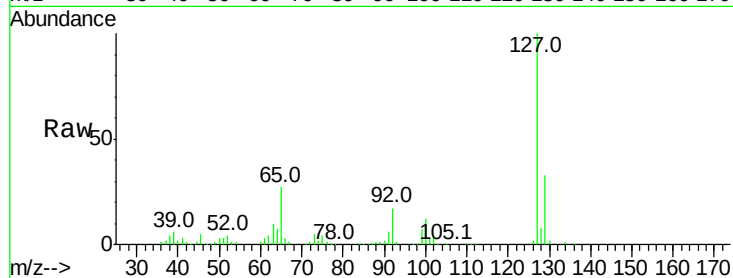




#33
4-Chloroaniline
Concen: 15.414 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

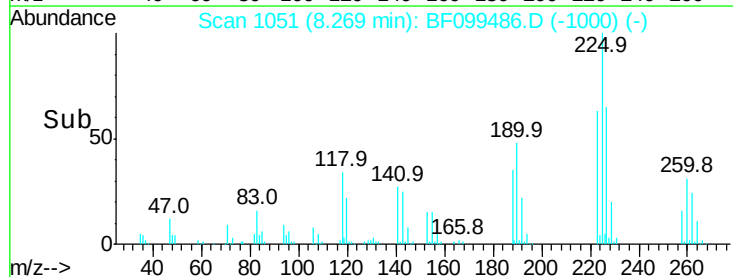
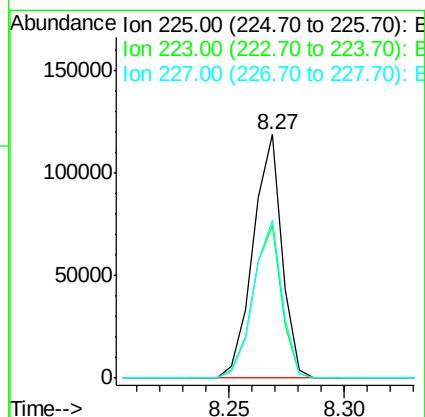
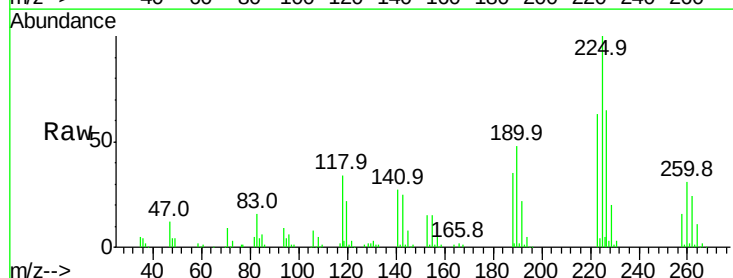
Instrument :
BNA_F
ClientSampleId :

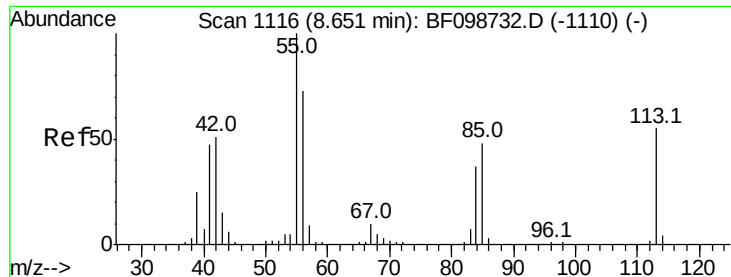
Tot Ion:	127	Resp:	118614
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.1	25.0	37.4
92	17.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.099 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:	225	Resp:	103418
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 26.619 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampled :

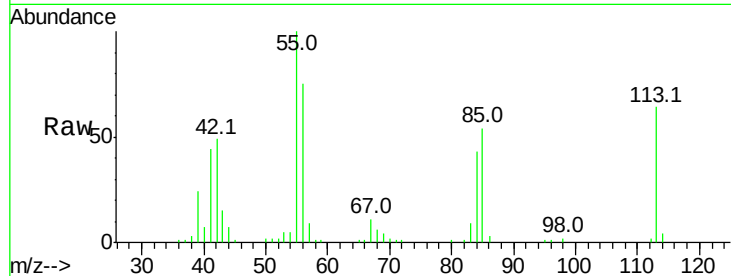
Tot Ion:113 Resp: 46205

Ion Ratio Lower Upper

113 100

55 155.7 163.3 203.3#

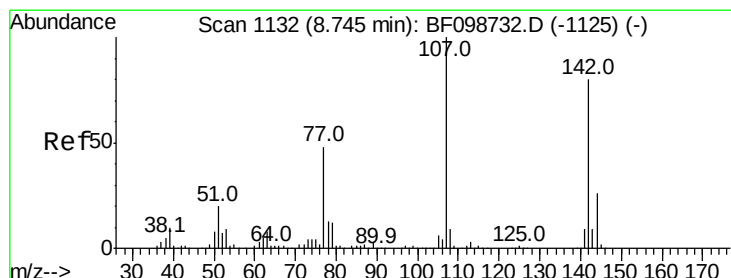
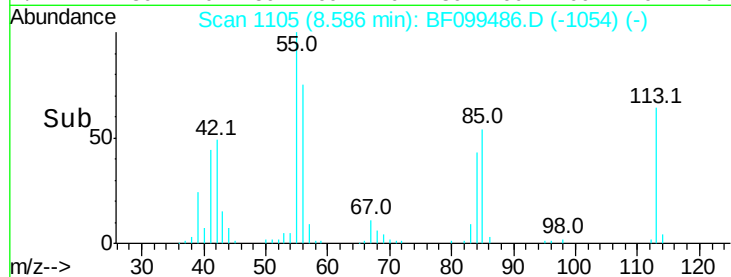
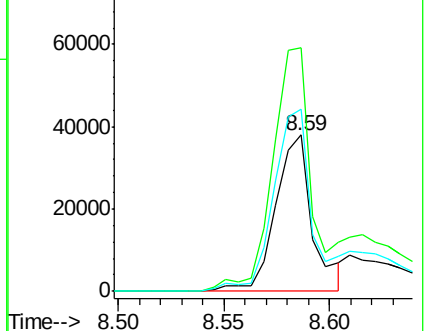
56 116.4 115.7 155.7



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: 34.086 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

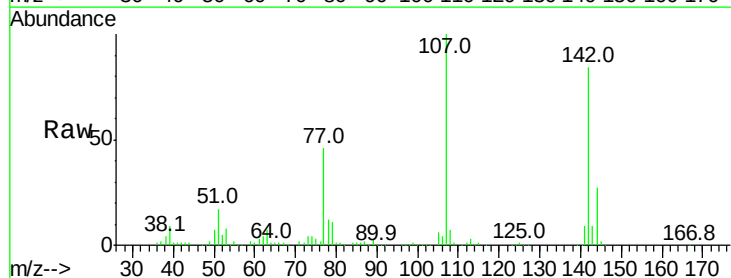
Tgt Ion:107 Resp: 207313

Ion Ratio Lower Upper

107 100

144 27.3 20.5 30.7

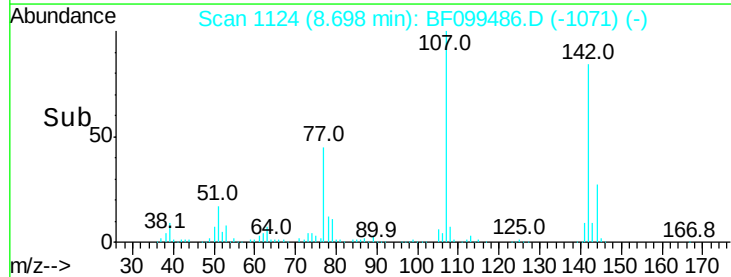
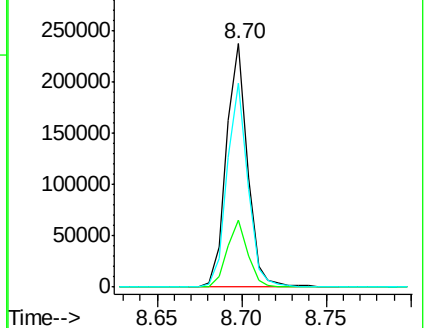
142 84.0 62.0 93.0

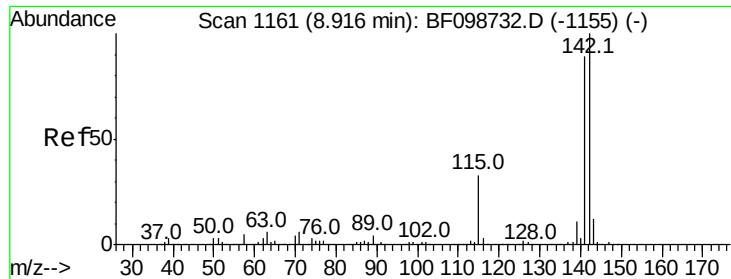


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

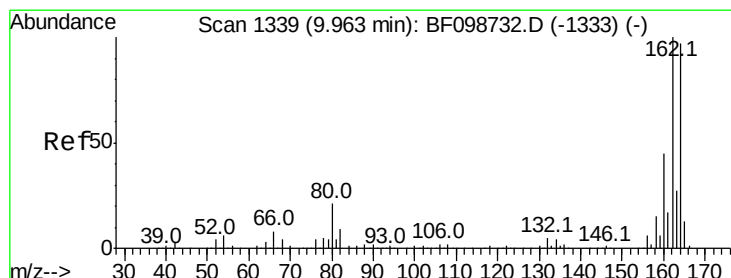
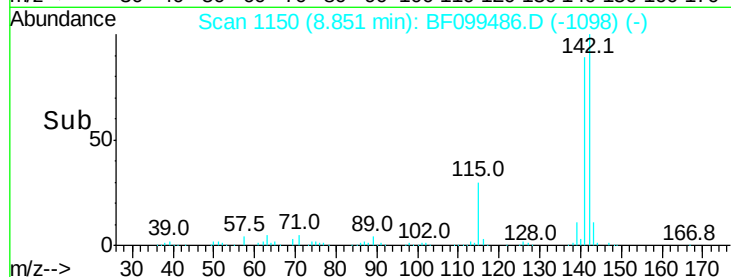
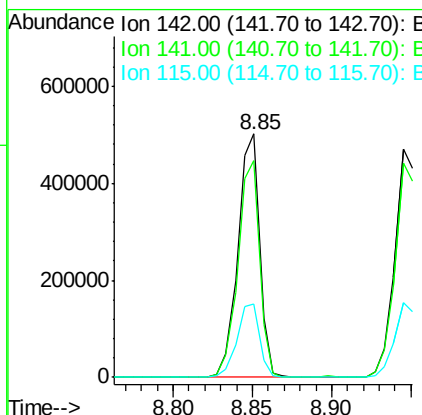
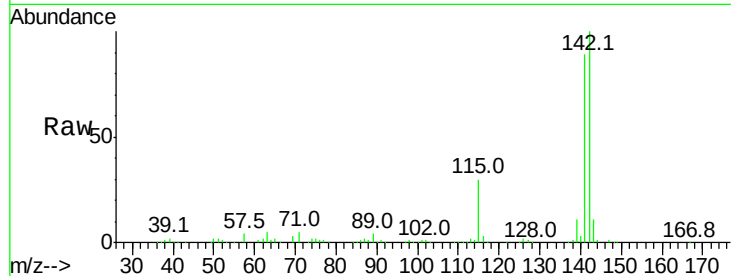




#37
 2-Methylnaphthalene
 Concen: 39.943 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

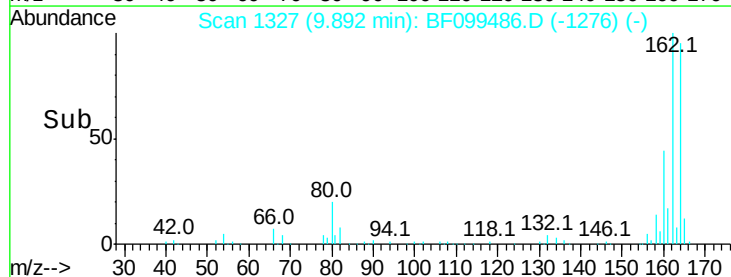
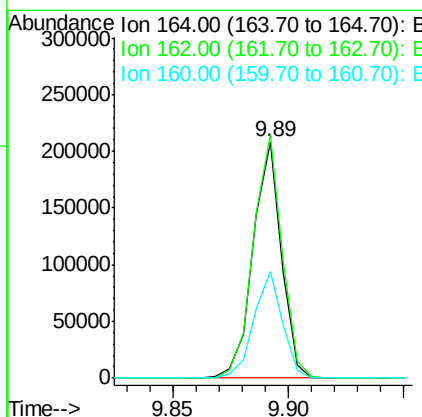
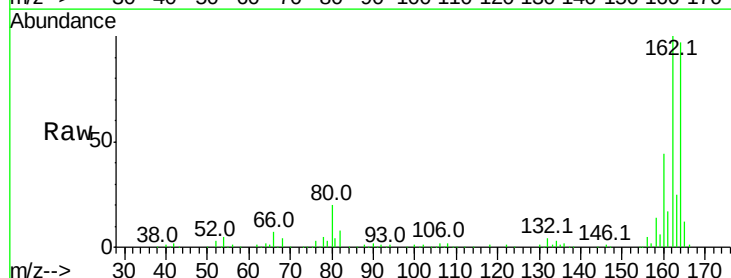
Instrument :
 BNA_F
 ClientSampleId :

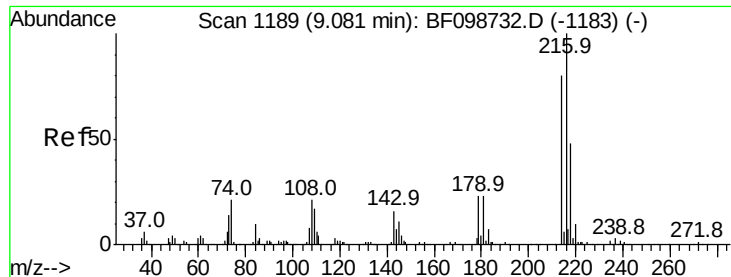
Tot Ion:142 Resp: 478480
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 29.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:164 Resp: 178276
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.4 38.3 57.5

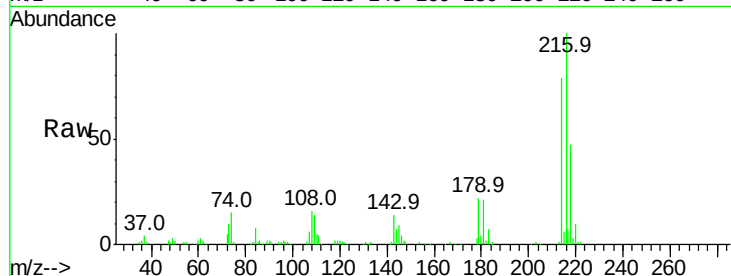




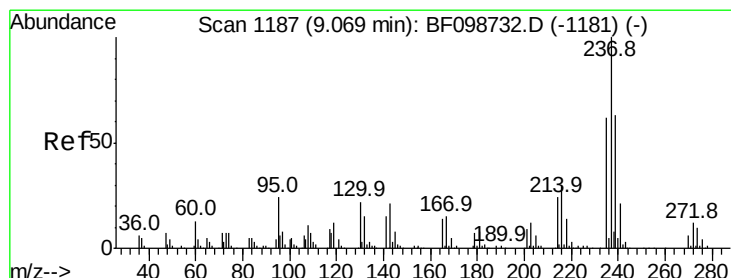
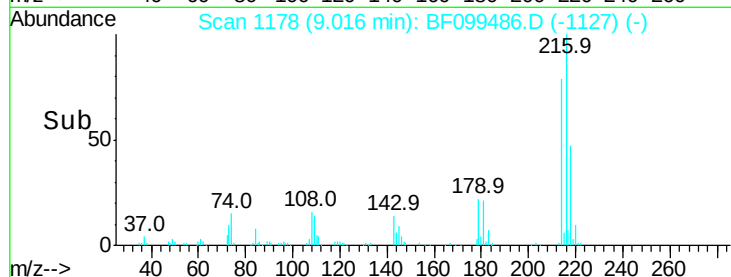
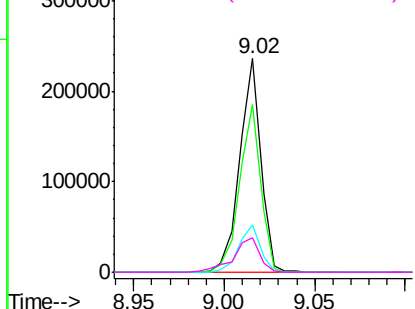
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.911 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	190928
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.3	18.1	27.1
108	20.1	17.2	25.8

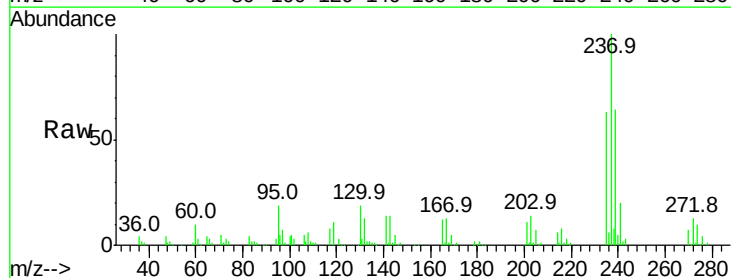


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

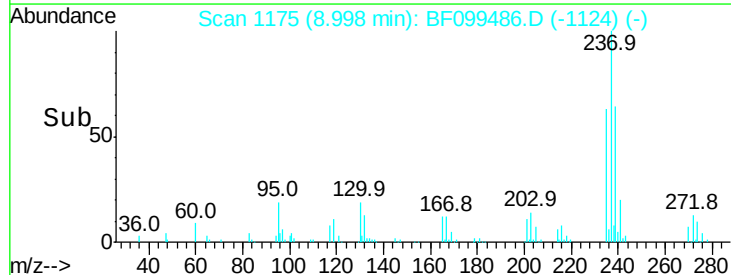
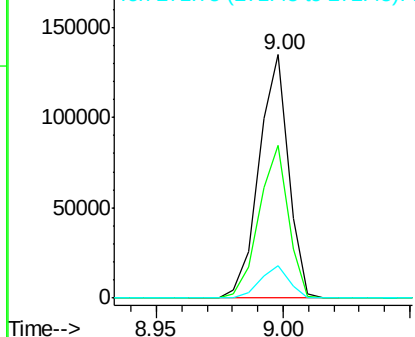


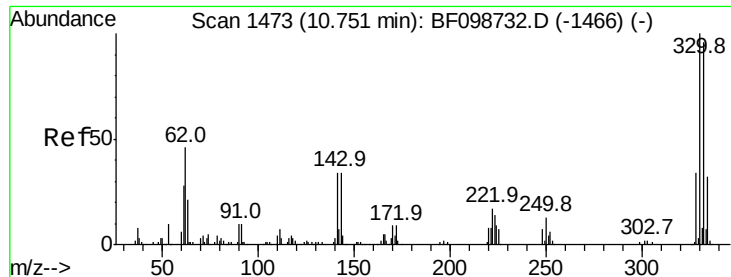
#40
 Hexachlorocyclopentadiene
 Concen: 45.162 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:	237	Resp:	109731
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.5	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

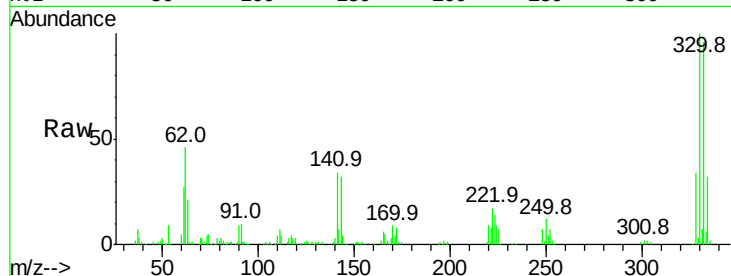




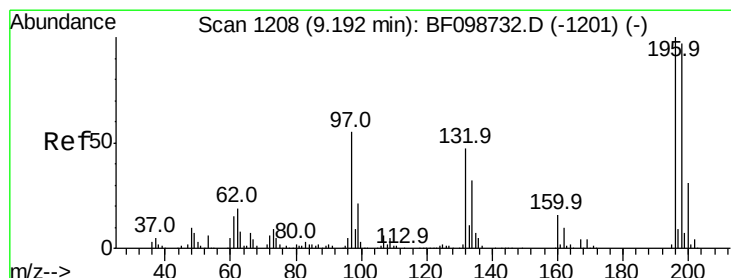
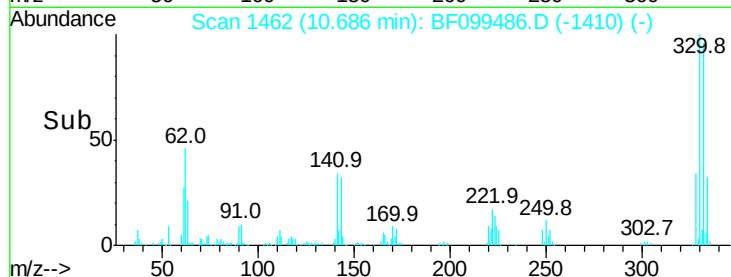
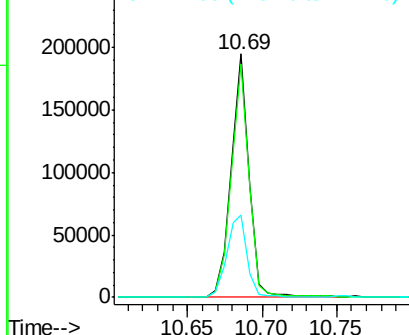
#41
 2,4,6-Tribromophenol
 Concen: 114.699 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 167321
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.8 29.9 44.9

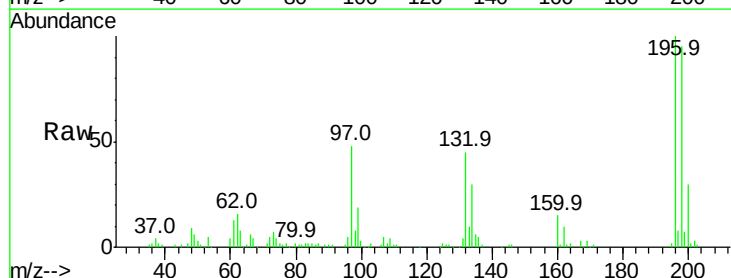


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

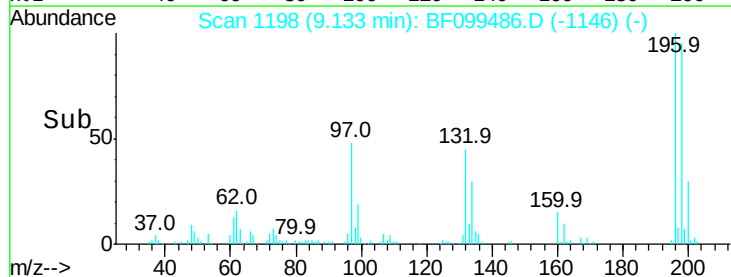
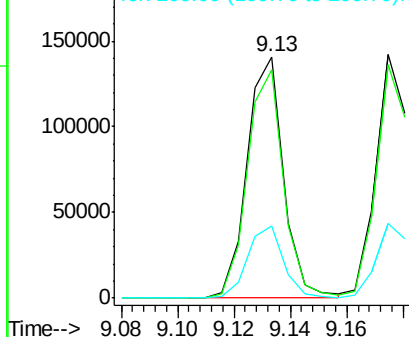


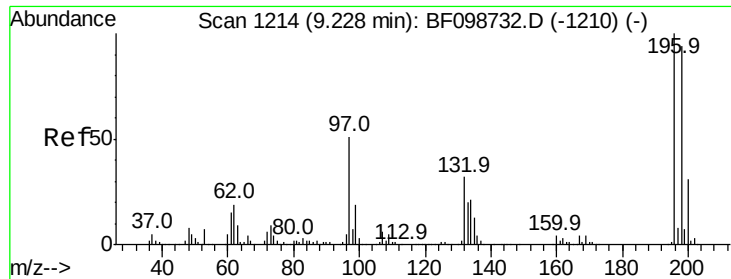
#42
 2,4,6-Trichlorophenol
 Concen: 33.398 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:196 Resp: 125795
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 29.9 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

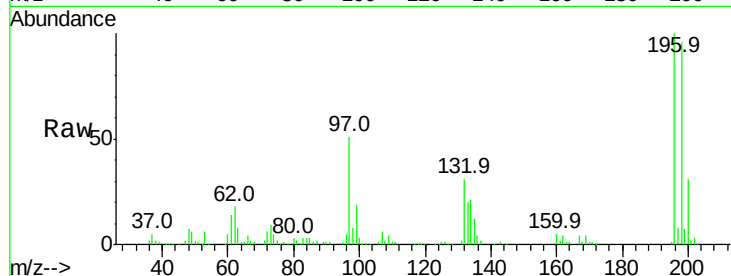




#43
 2,4,5-Trichlorophenol
 Concen: 34.845 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	50.7	42.9	64.3
132	31.0	26.3	39.5



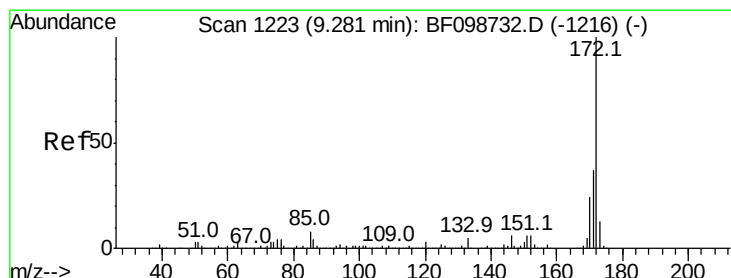
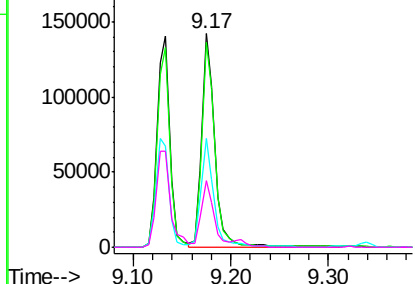
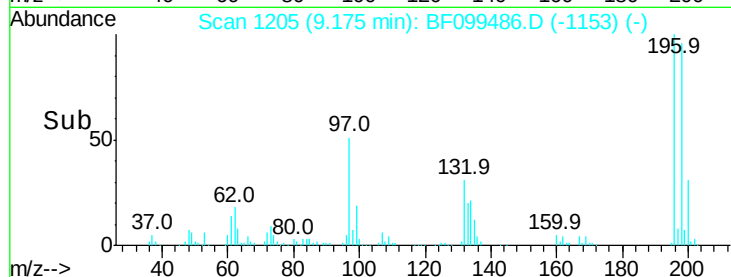
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

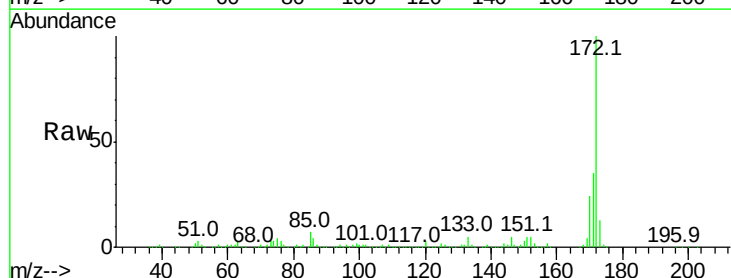
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.190 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.7	19.6	29.4

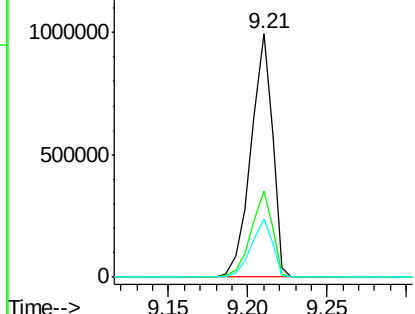
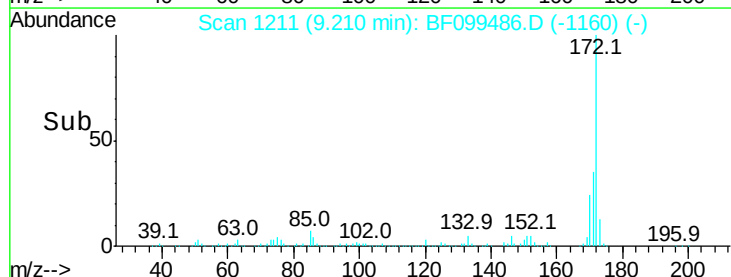


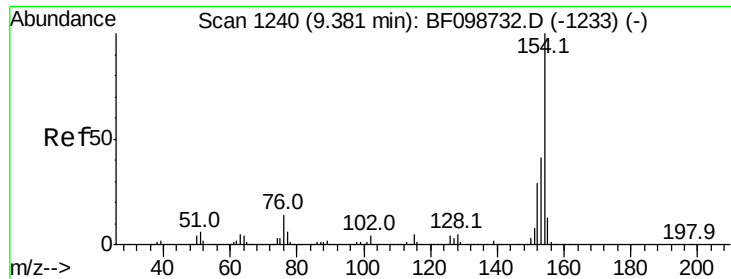
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

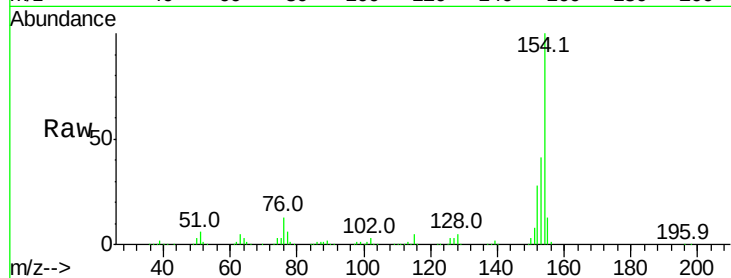




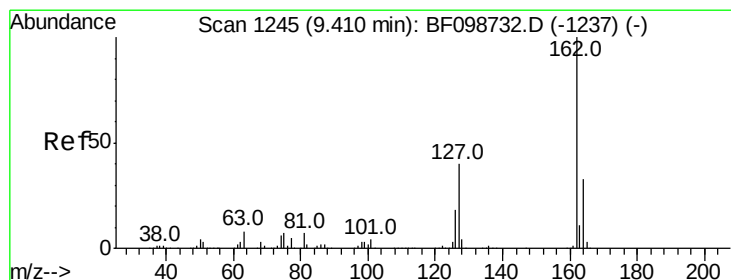
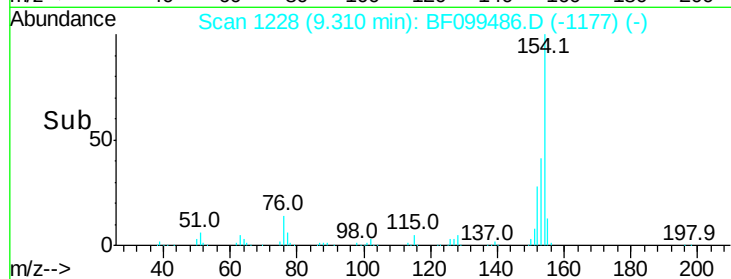
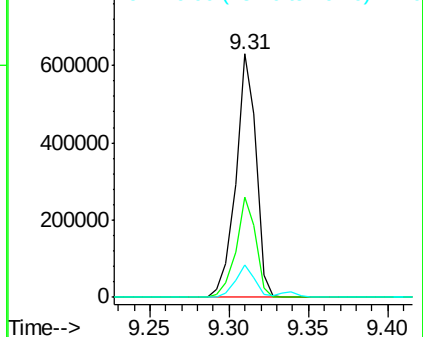
#45
 1,1'-Biphenyl
 Concen: 36.163 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 554085
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 13.5 0.0 34.0

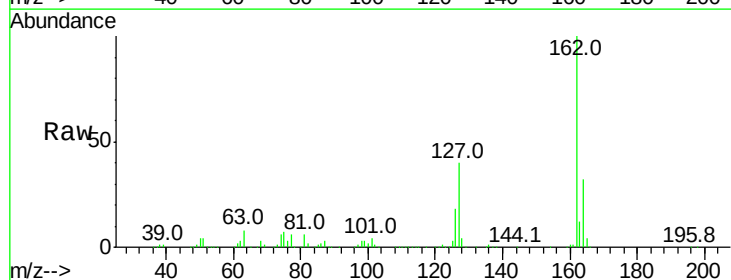


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

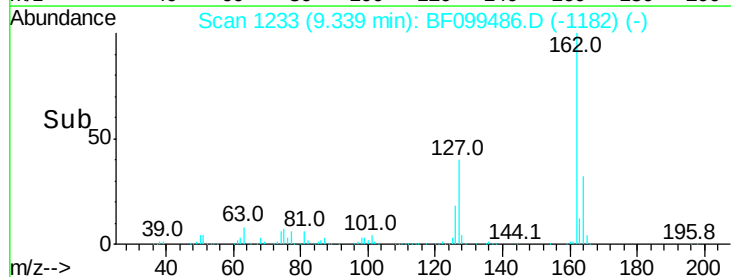
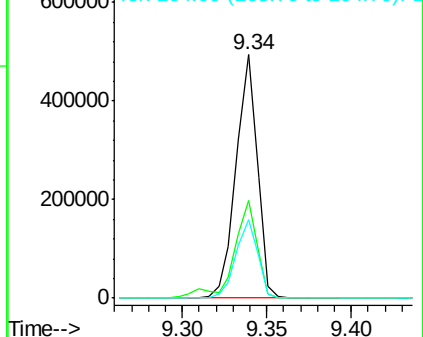


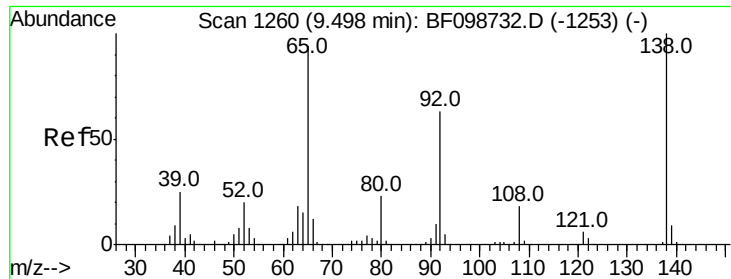
#46
 2-Chloronaphthalene
 Concen: 37.595 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:162 Resp: 432493
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 32.3 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

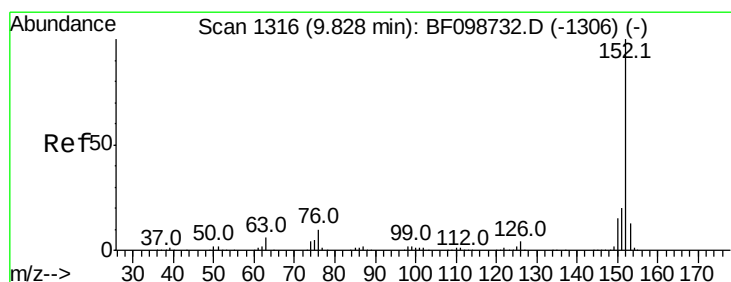
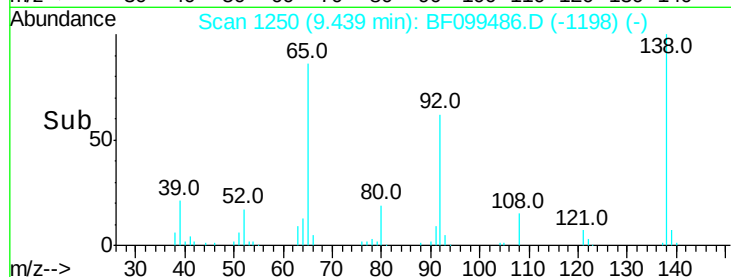
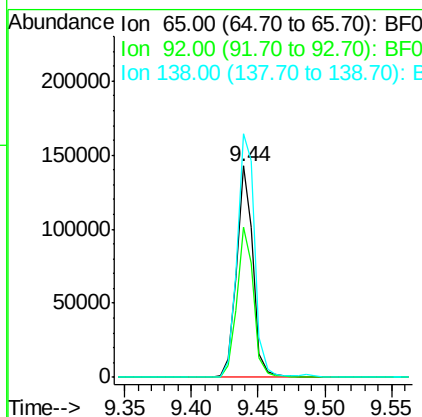
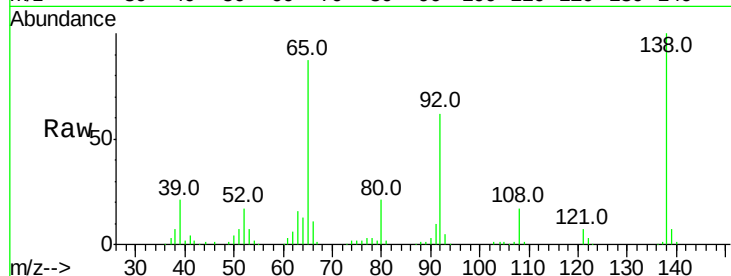




#47
2-Nitroaniline
Concen: 35.081 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

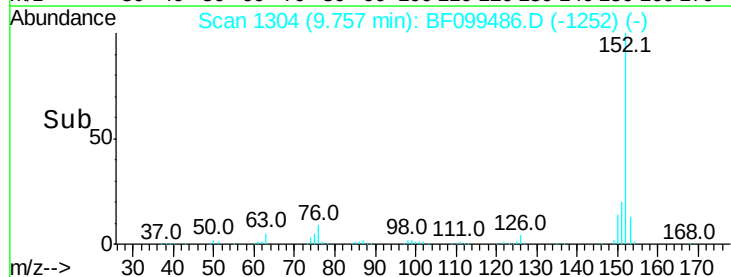
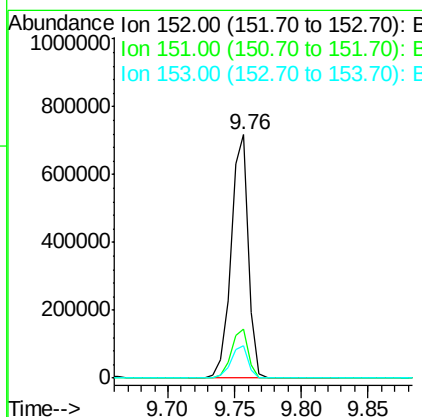
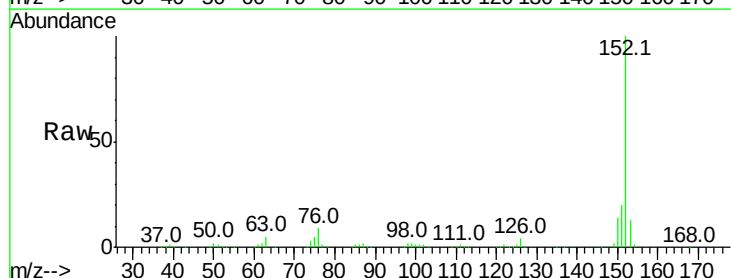
Instrument :
BNA_F
ClientSampled :

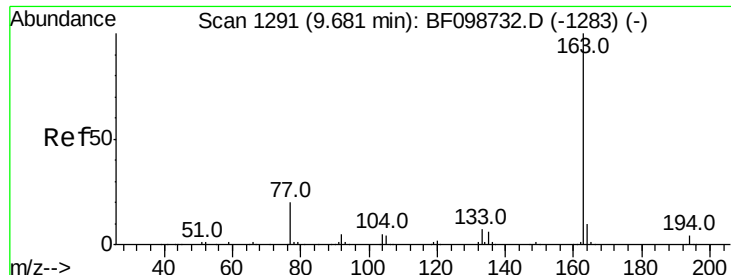
Tot Ion: 65 Resp: 123572
Ion Ratio Lower Upper
65 100
92 71.0 55.8 83.6
138 115.1 91.2 136.8



#48
Acenaphthylene
Concen: 37.109 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:152 Resp: 653516
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.1 10.7 16.1

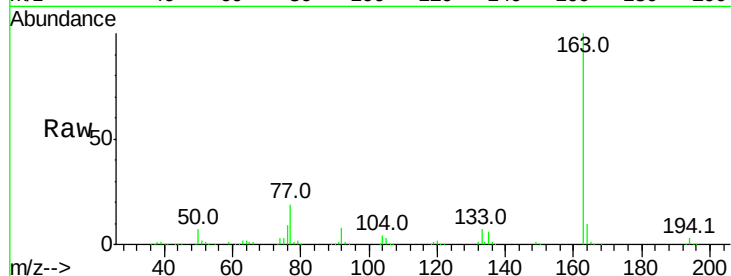




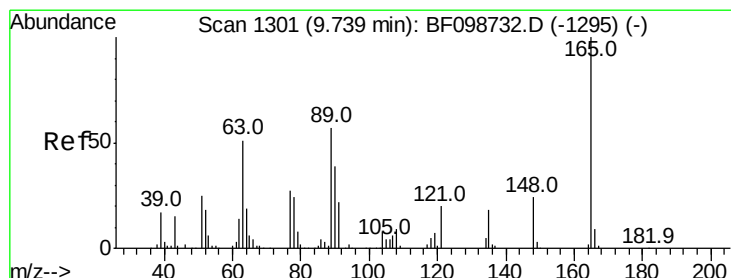
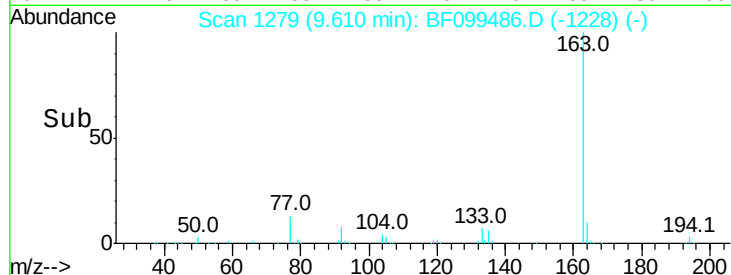
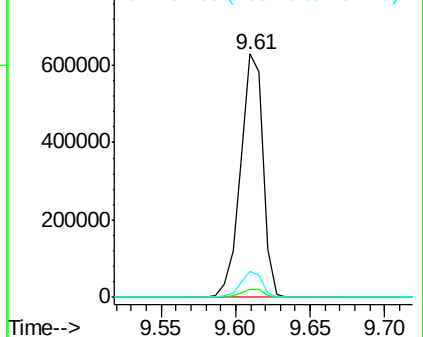
#49
Dimethylphthalate
Concen: 48.697 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 655228
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

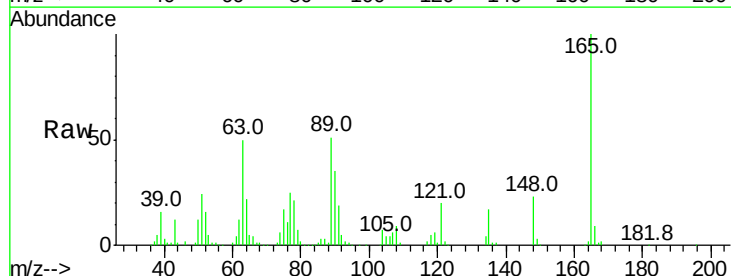


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

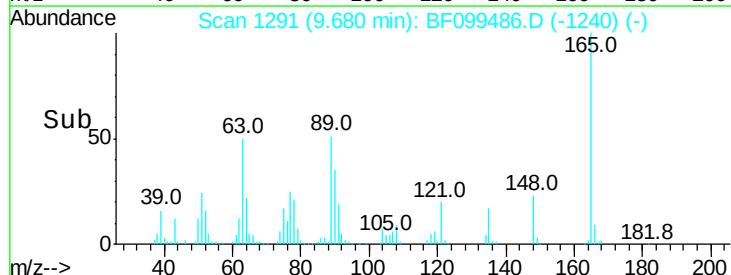
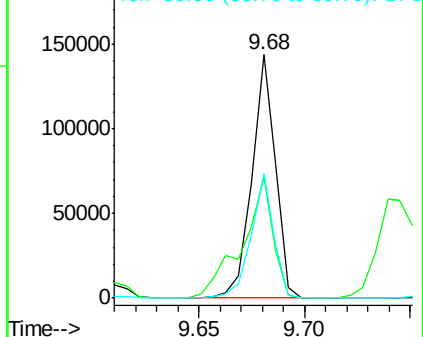


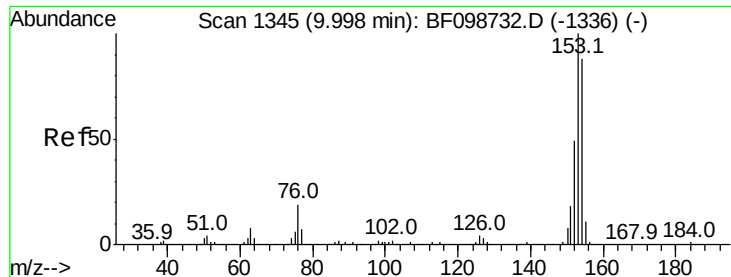
#50
2,6-Dinitrotoluene
Concen: 37.878 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:165 Resp: 110955
Ion Ratio Lower Upper
165 100
63 49.7 44.7 67.1
89 50.9 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: 34.519 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

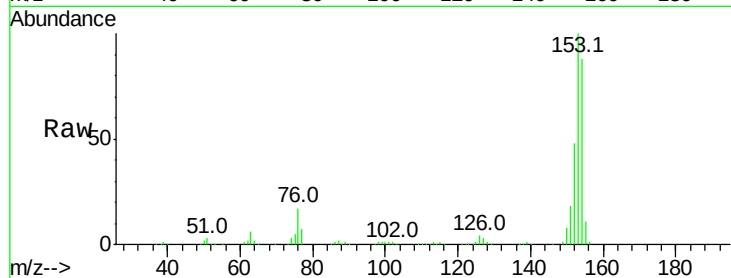
Tot Ion:154 Resp: 385079

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

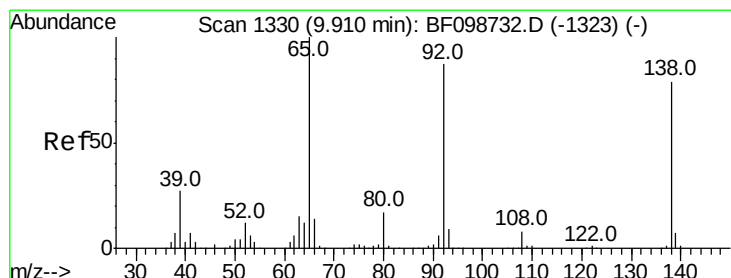
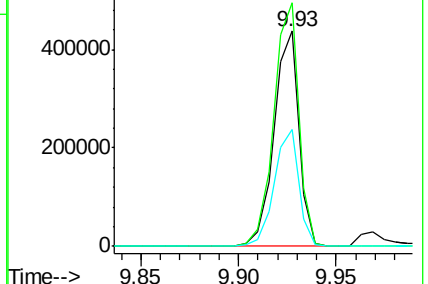
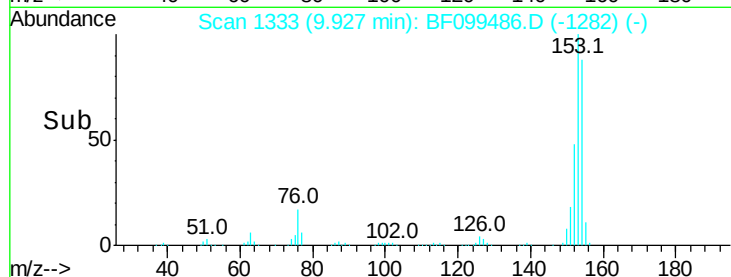
152 54.4 43.8 65.8



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: 23.246 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

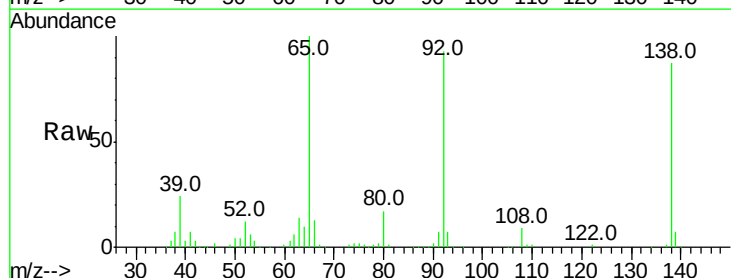
Tgt Ion:138 Resp: 79400

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

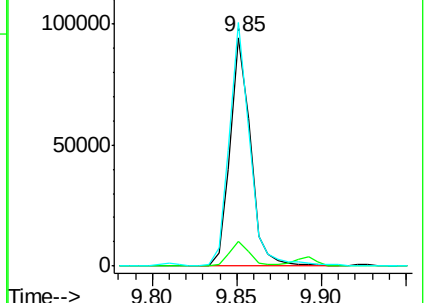
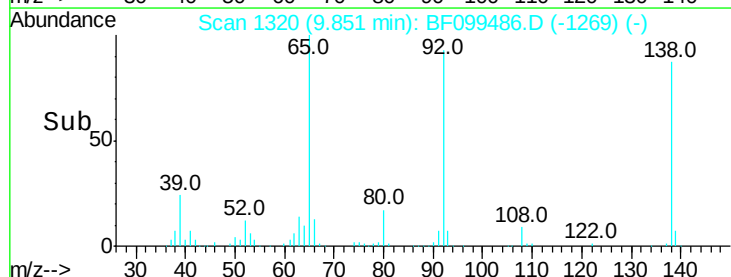
92 106.5 89.4 134.2

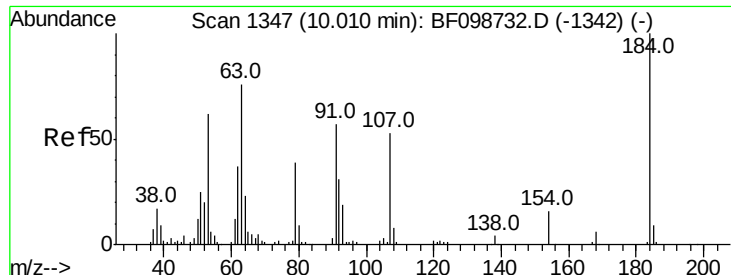


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

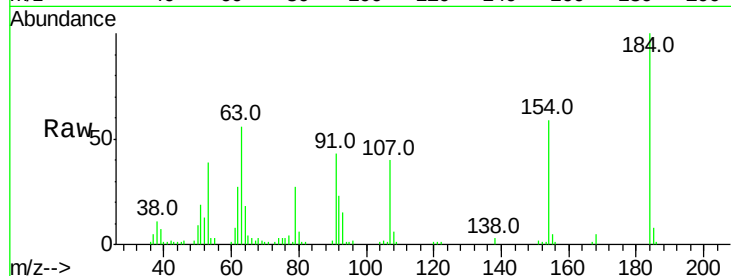




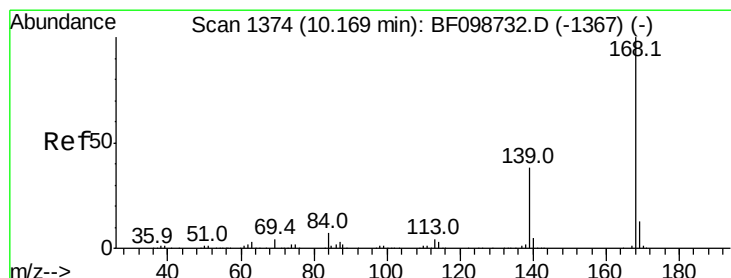
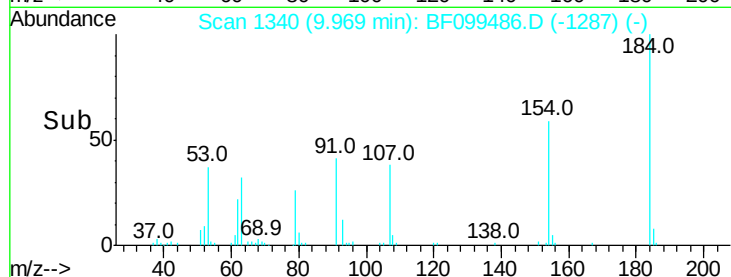
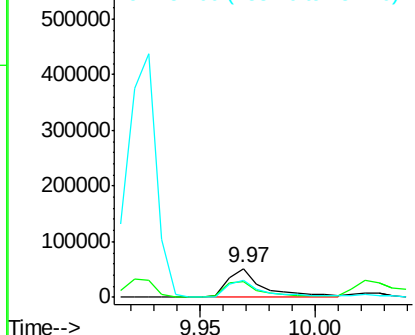
#53
2,4-Dinitrophenol
Concen: 39.069 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 54679
Ion Ratio Lower Upper
184 100
63 55.9 54.2 81.2
154 59.1 53.5 80.3

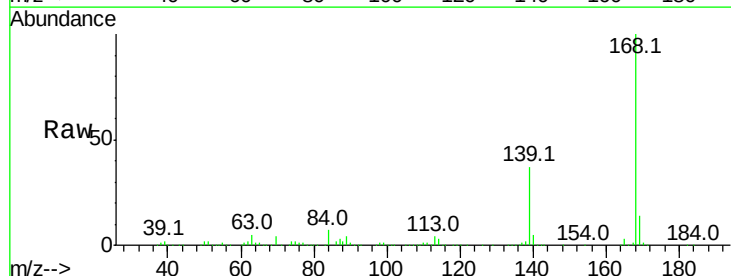


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

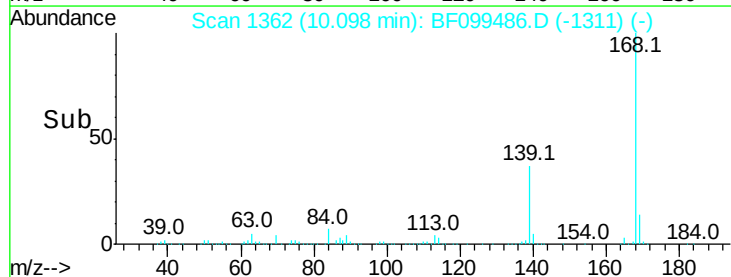
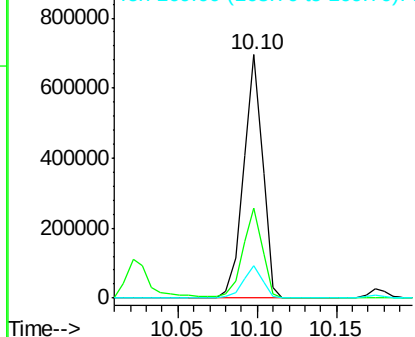


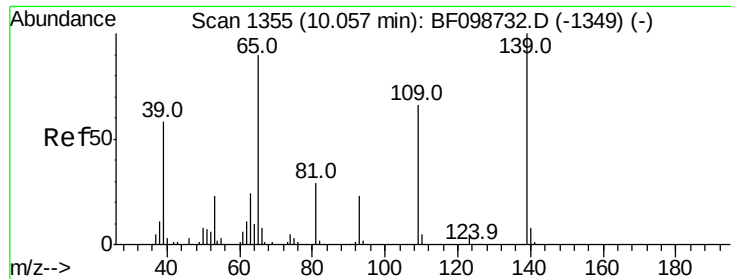
#54
Dibenzofuran
Concen: 38.667 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:168 Resp: 574319
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.5 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

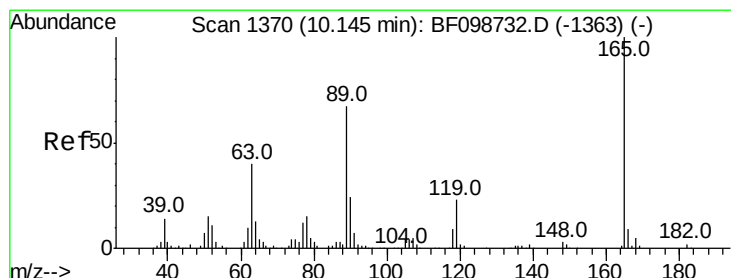
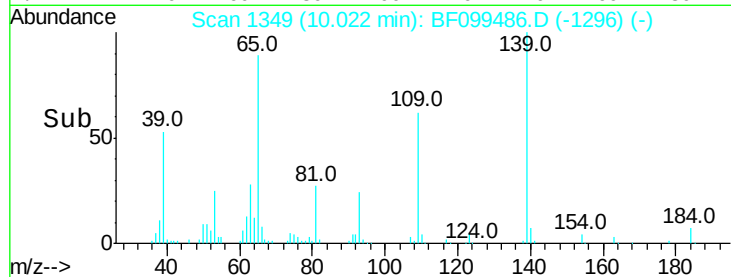
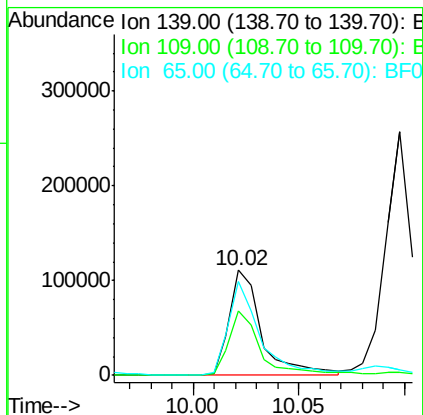
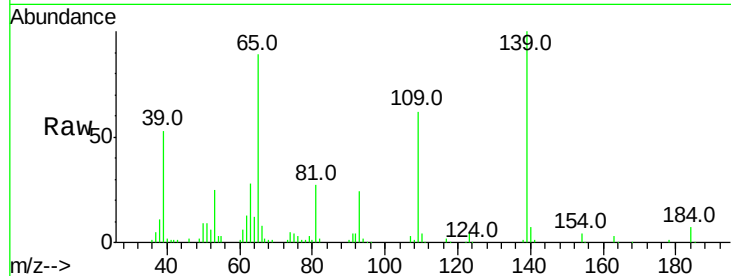




#55
4-Nitrophenol
Concen: 40.644 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

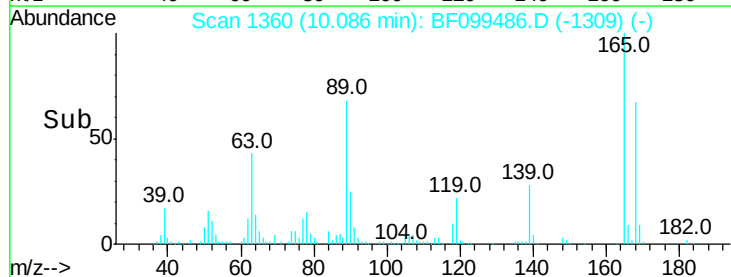
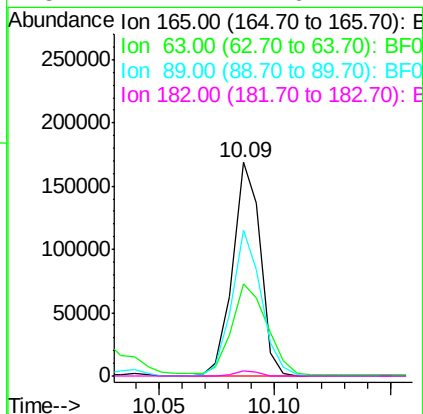
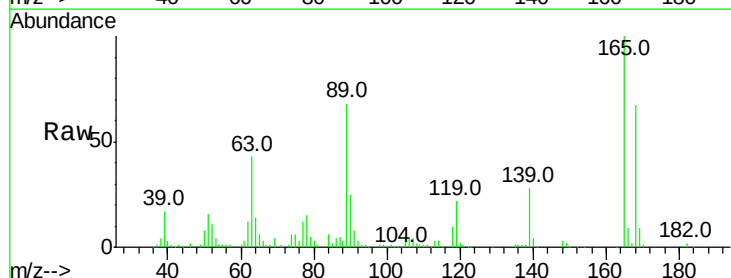
Instrument :
BNA_F
ClientSampleId :

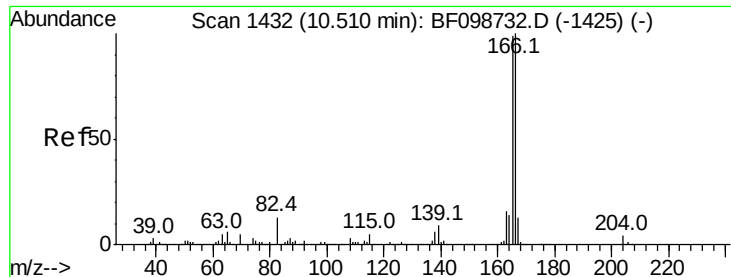
Tot Ion:139 Resp: 117385
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 88.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.170 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:165 Resp: 141310
Ion Ratio Lower Upper
165 100
63 43.4 36.4 54.6
89 68.3 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 38.005 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

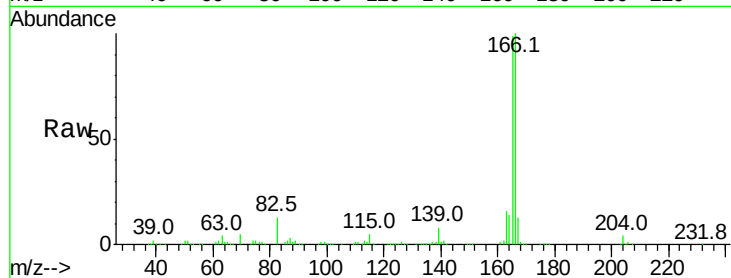
Tot Ion:166 Resp: 453713

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

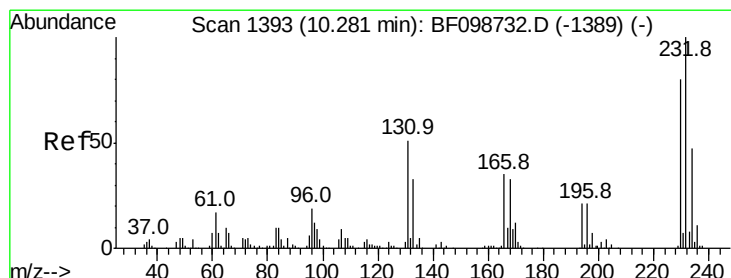
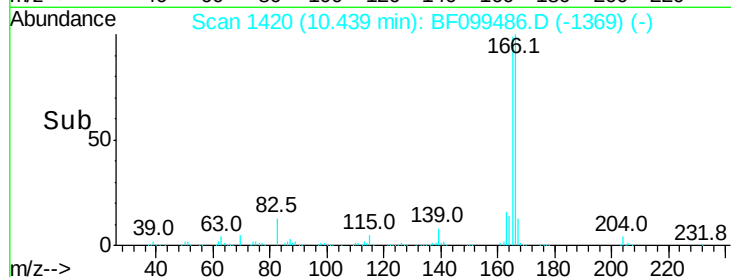
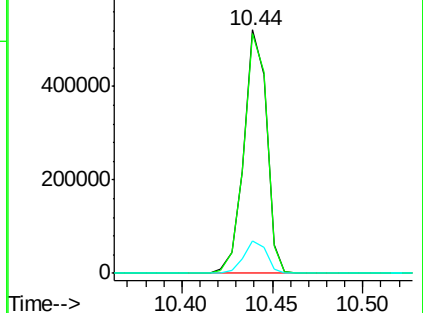
167 13.5 10.6 16.0



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: 37.048 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:232 Resp: 96225

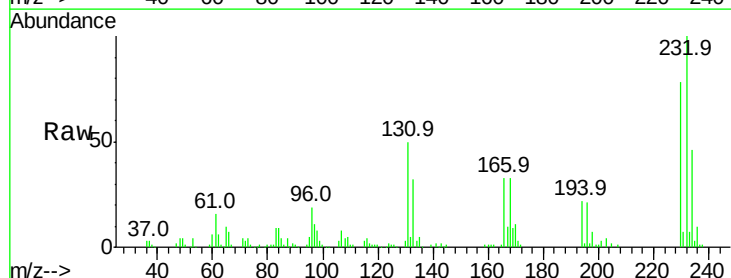
Ion Ratio Lower Upper

232 100

131 52.0 43.8 65.8

130 2.3 2.1 3.1

166 34.3 27.8 41.6

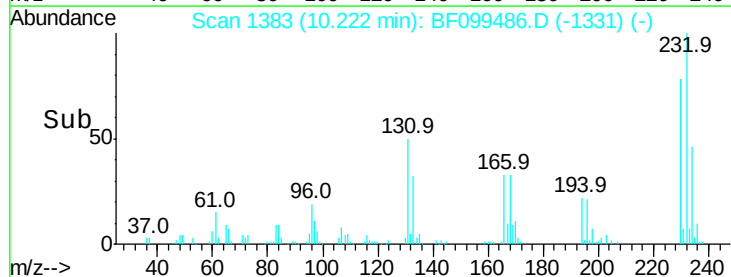
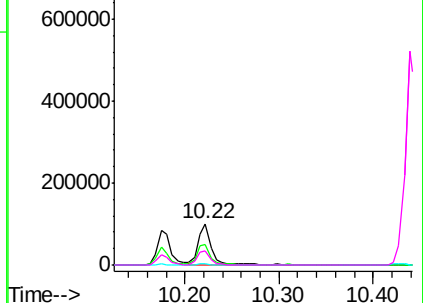


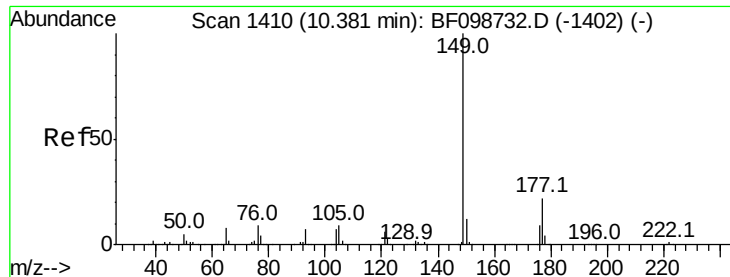
Abundance Ion 232.00 (231.70 to 232.70): E

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

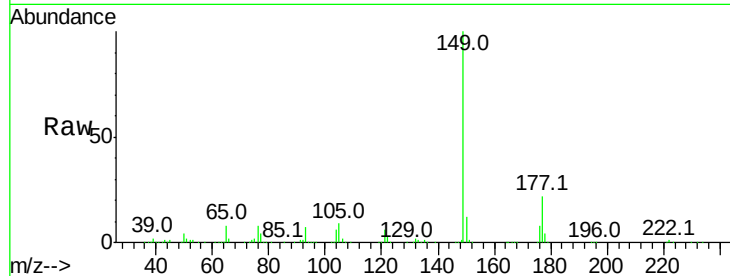




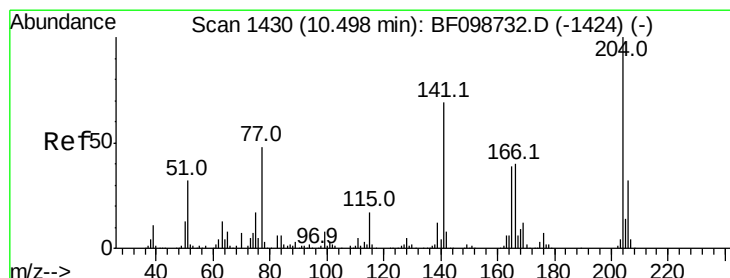
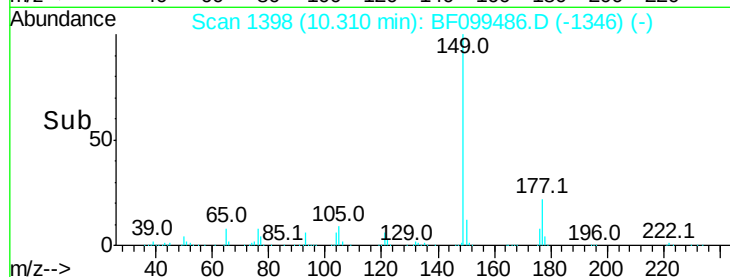
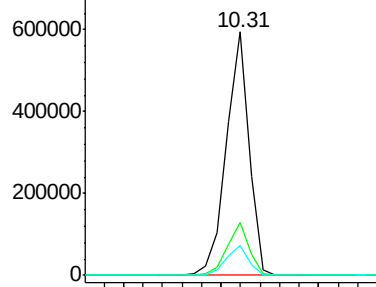
#59
Diethylphthalate
Concen: 36.564 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.1	10.1	15.1

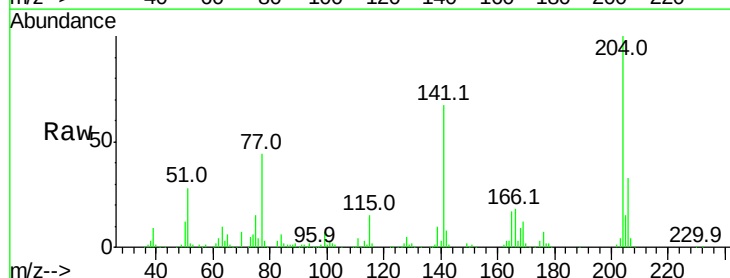


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

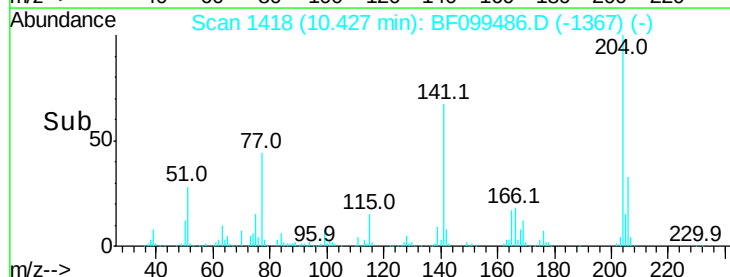
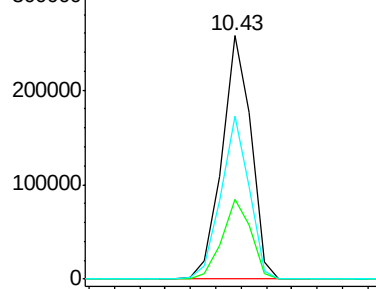


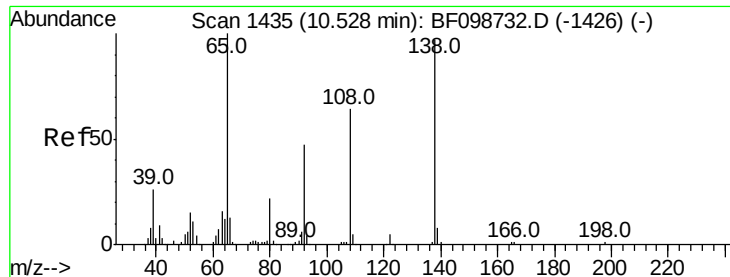
#60
4-Chlorophenyl-phenylether
Concen: 38.381 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	67.1	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.185 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

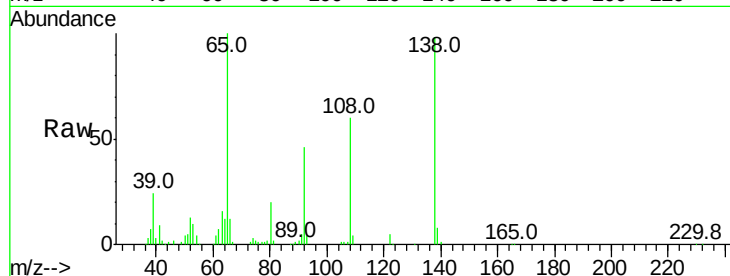
Tot Ion:138 Resp: 119238

Ion Ratio Lower Upper

138 100

92 46.4 30.2 70.2

108 61.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

150000

100000

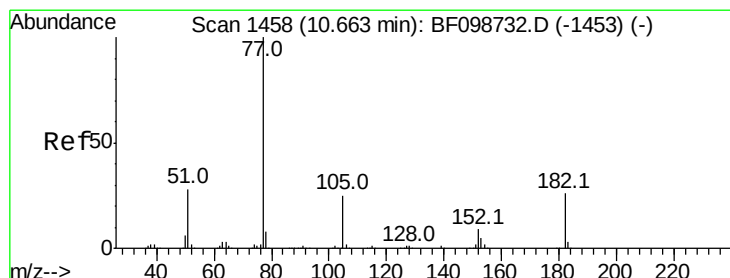
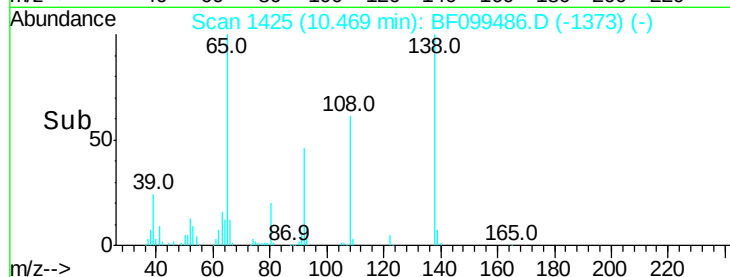
50000

0

10.47

10.40 10.50

Time-->



#62

Azobenzene

Concen: 38.086 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion: 77 Resp: 460424

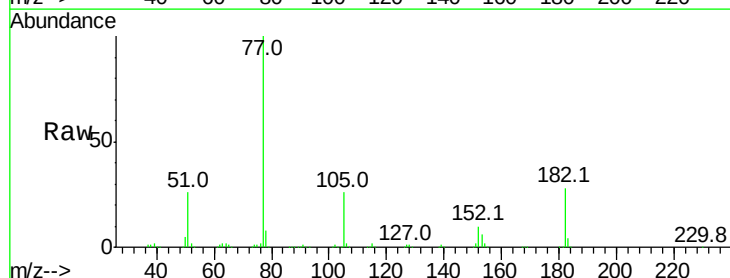
Ion Ratio Lower Upper

77 100

182 27.7 1.7 41.7

105 26.1 3.0 43.0

51 25.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

800000

600000

400000

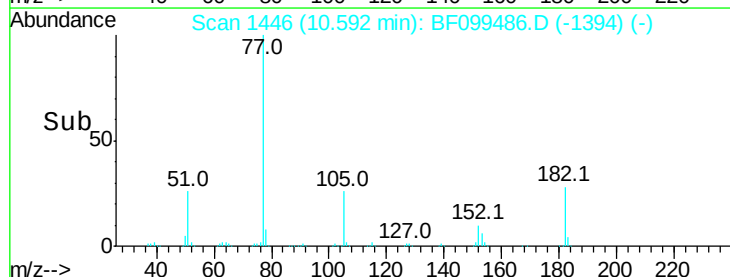
200000

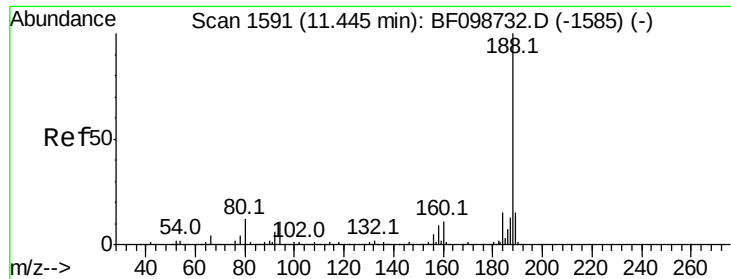
0

10.59

10.55 10.60 10.65

Time-->

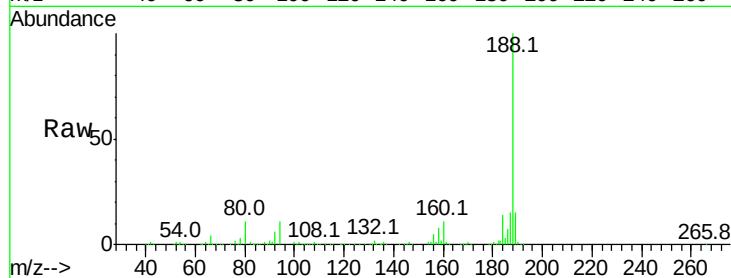




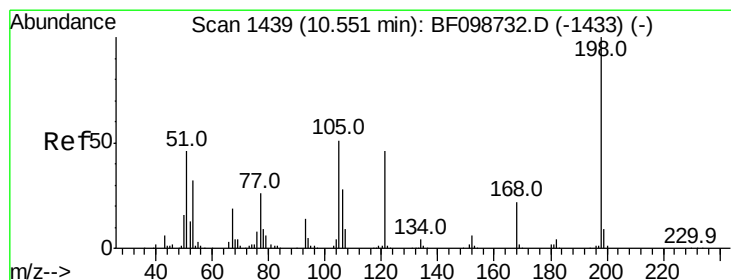
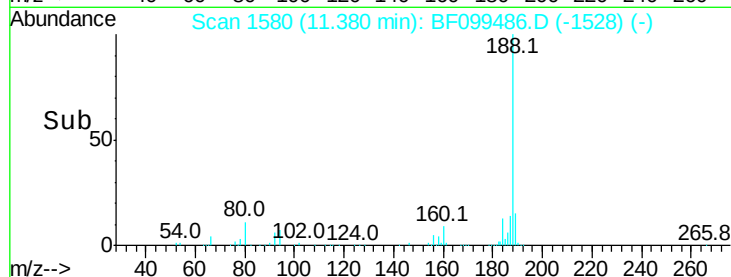
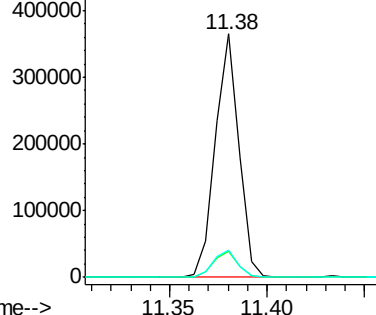
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 306124
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8

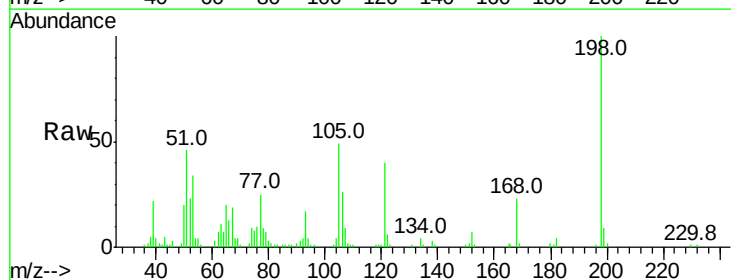


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

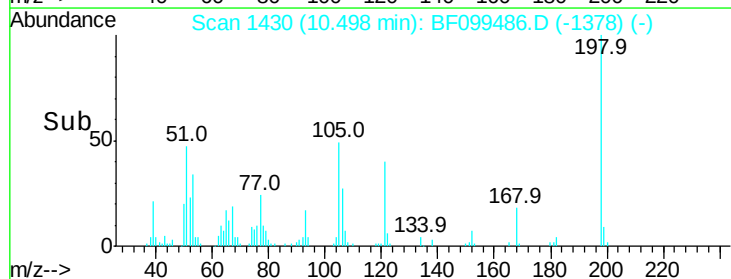
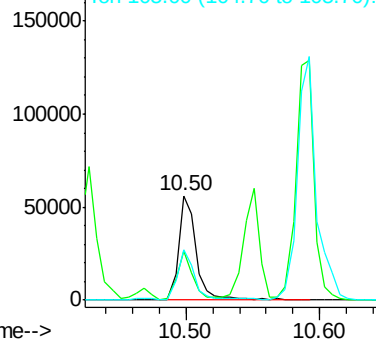


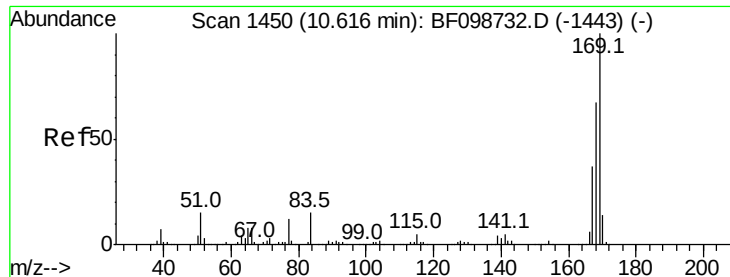
#64
4,6-Dinitro-2-methylphenol
Concen: 27.787 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:198 Resp: 51755
Ion Ratio Lower Upper
198 100
51 46.5 37.7 77.7
105 48.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.775 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

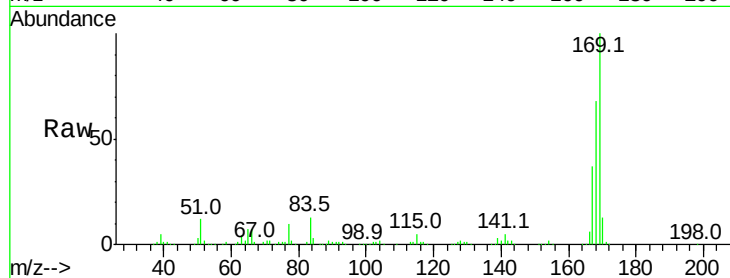
Tot Ion:169 Resp: 400607

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

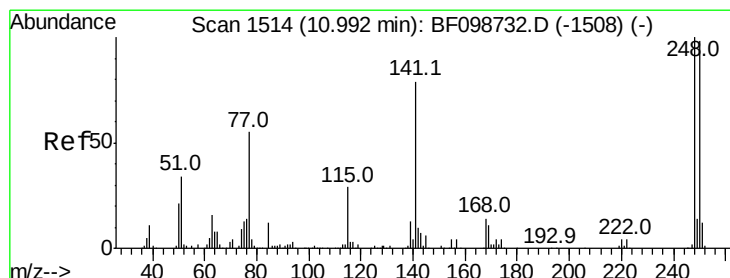
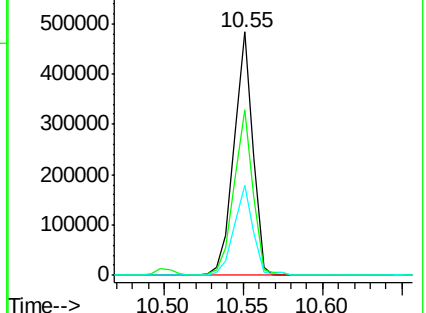
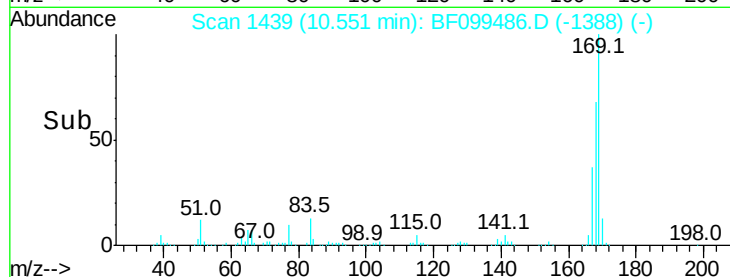
167 36.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.365 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

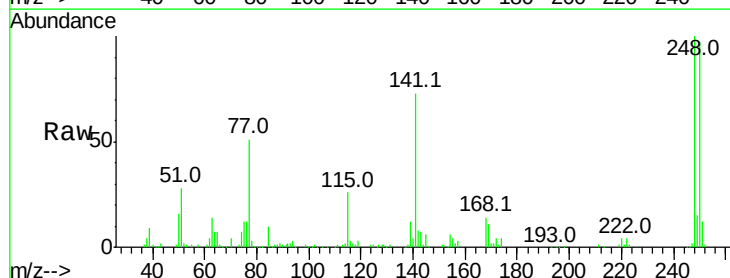
Tgt Ion:248 Resp: 117955

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

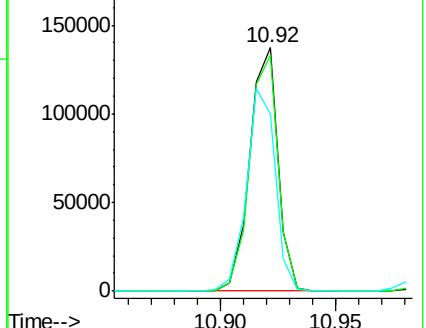
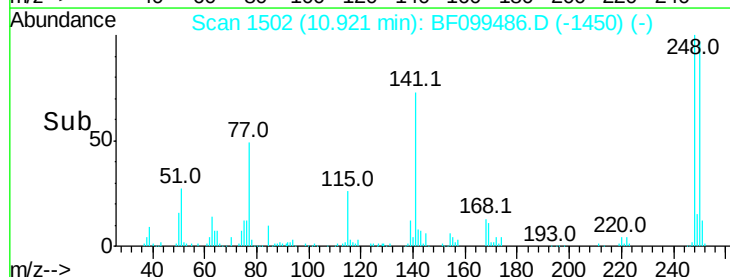
141 72.8 74.4 111.6#

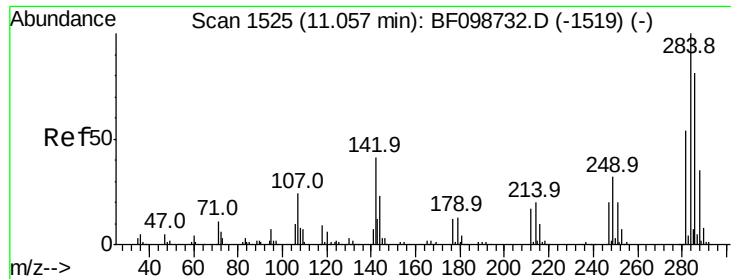


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

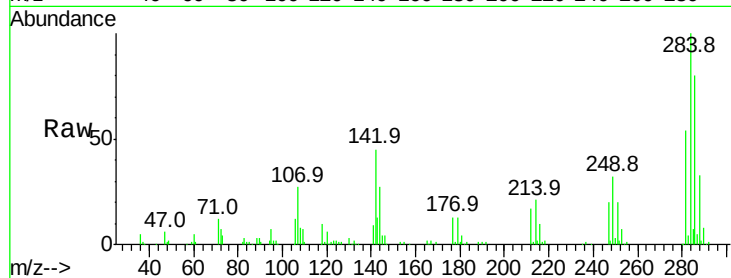




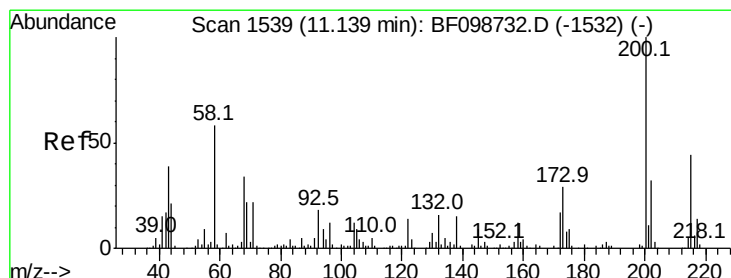
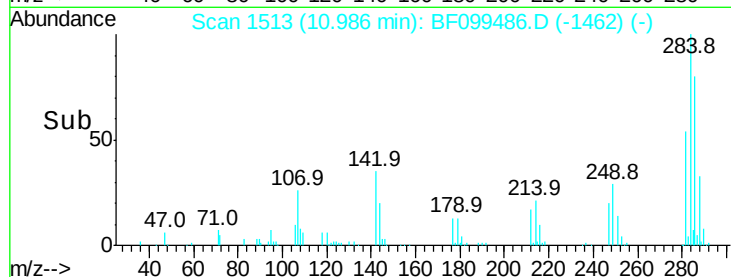
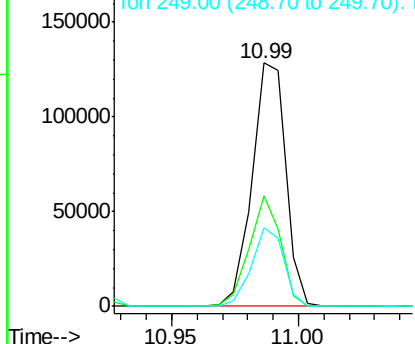
#67
Hexachlorobenzene
Concen: 37.285 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 119323
Ion Ratio Lower Upper
284 100
142 45.3 34.6 52.0
249 32.2 24.8 37.2

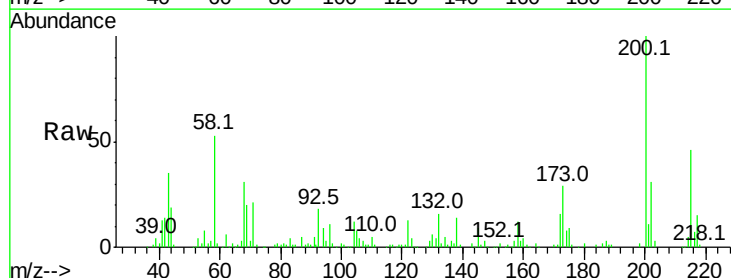


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

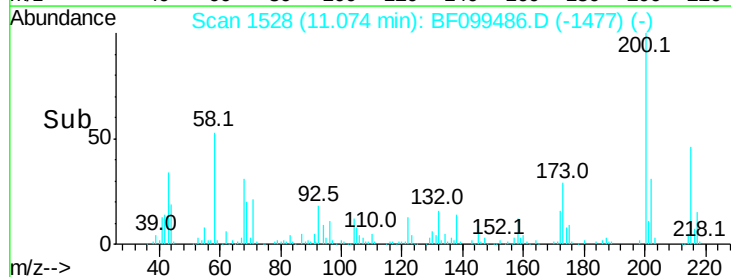
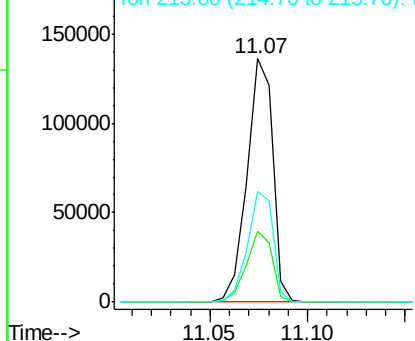


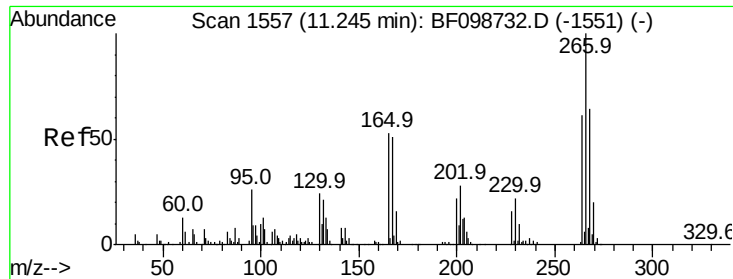
#68
Atrazine
Concen: 39.015 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:200 Resp: 124486
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.5 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

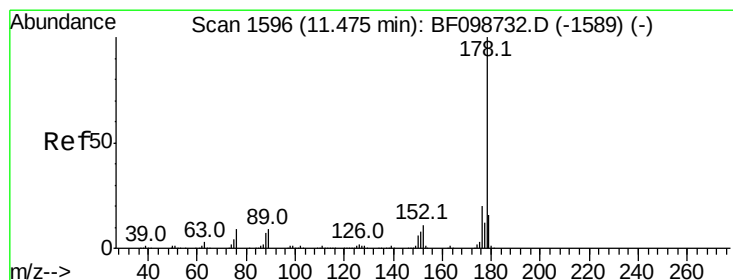
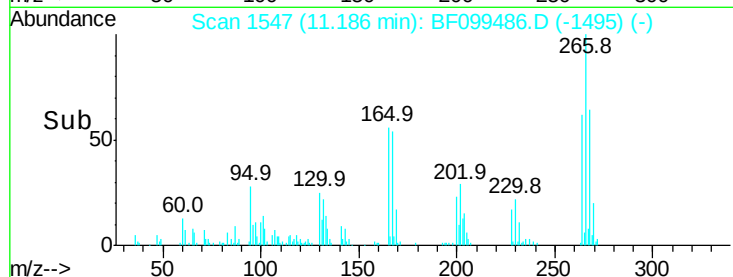
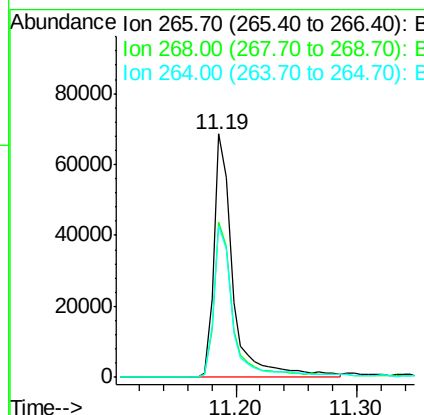
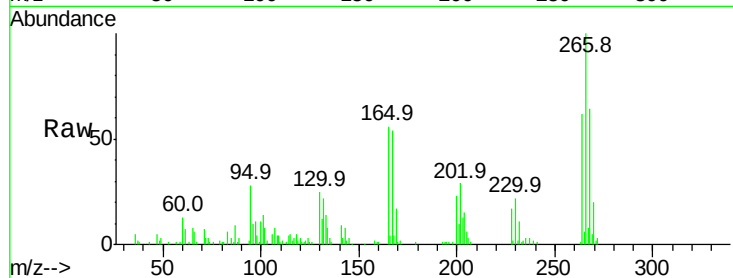




#69
 Pentachlorophenol
 Concen: 37.506 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

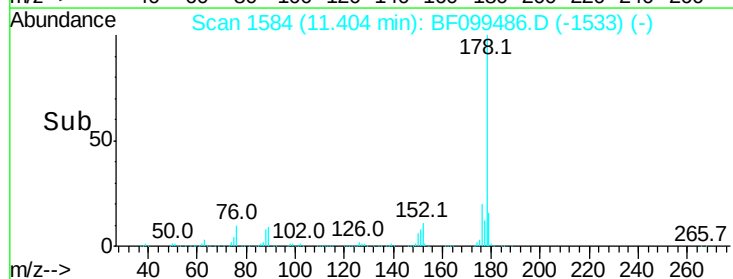
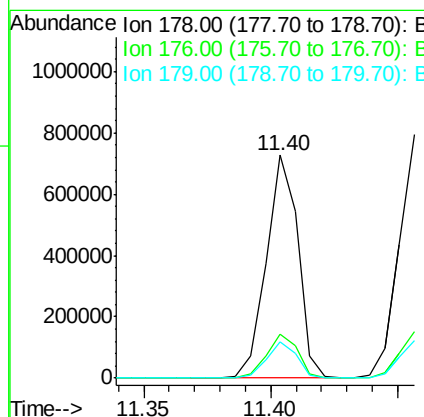
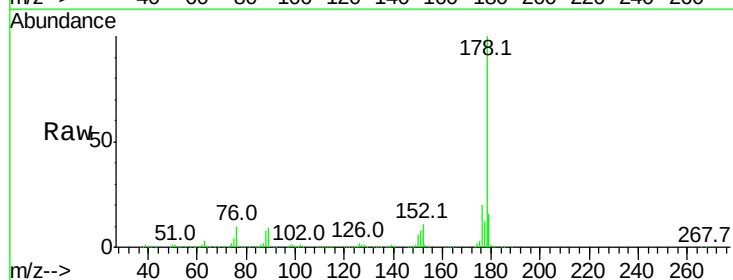
Instrument :
 BNA_F
 ClientSampled :

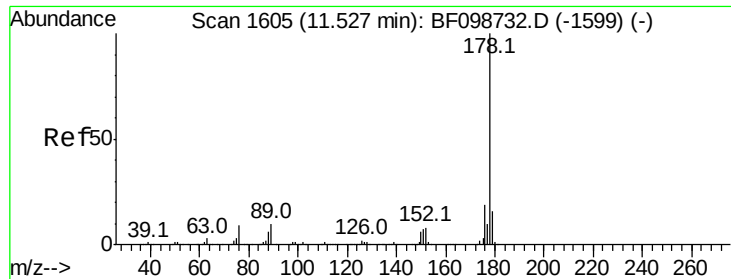
Tot Ion:266 Resp: 74703
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 62.0 49.5 74.3



#70
 Phenanthrene
 Concen: 38.856 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:178 Resp: 636697
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 16.0 13.0 19.6

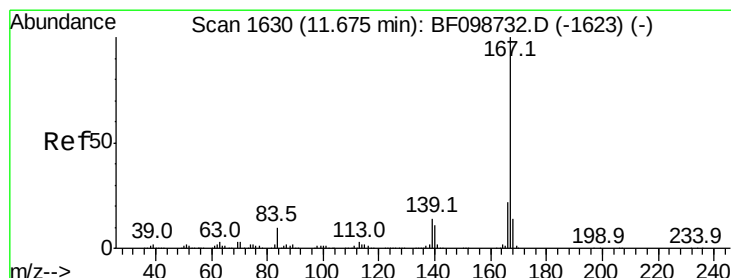
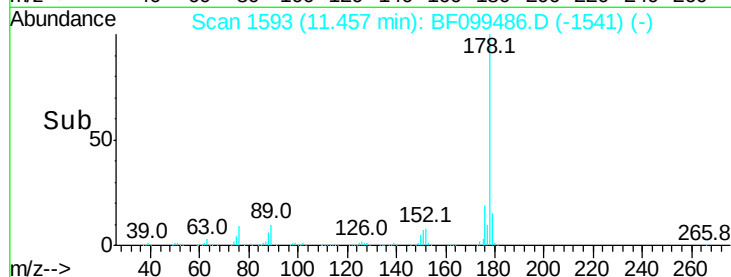
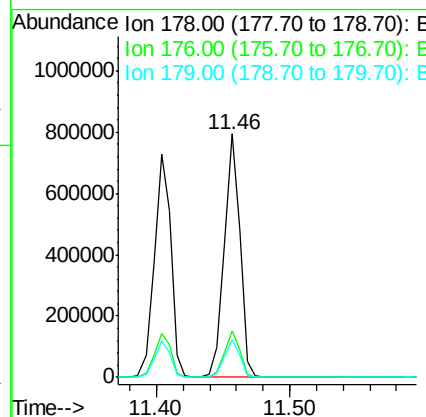
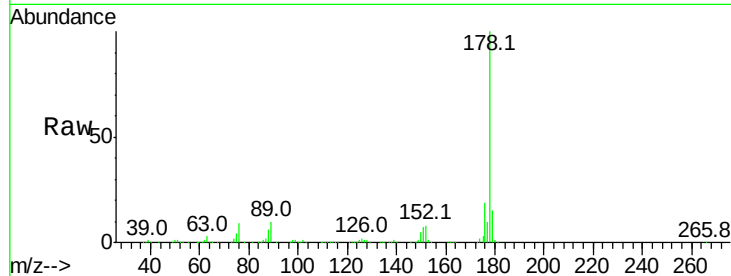




#71
 Anthracene
 Concen: 39.696 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

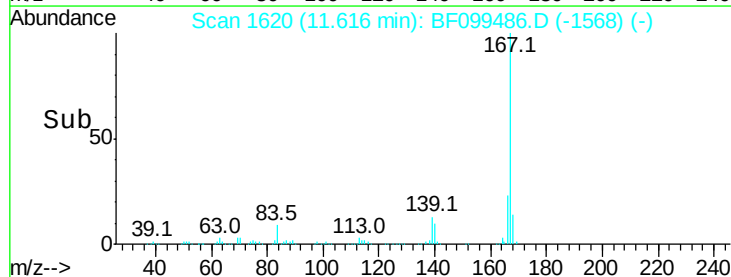
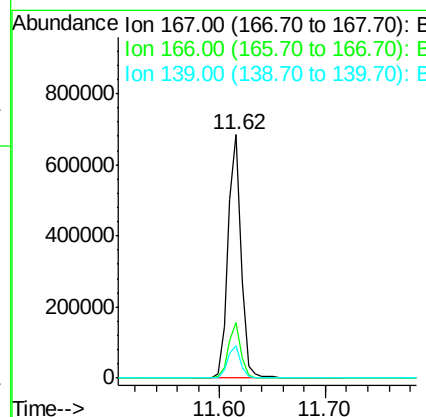
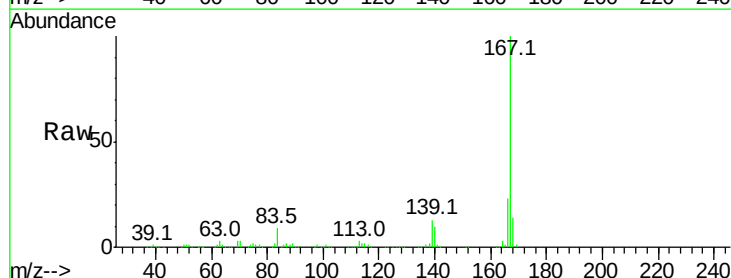
Instrument :
 BNA_F
 ClientSampleId :

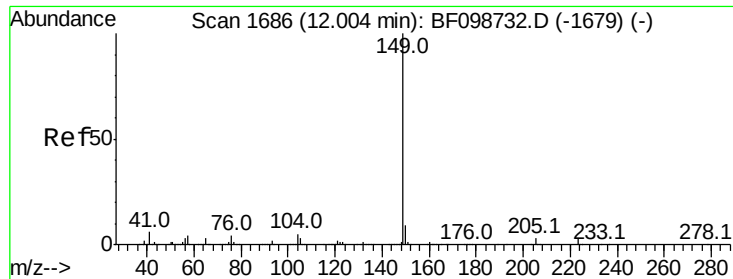
Tot Ion:178 Resp: 665547
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 36.202 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:167 Resp: 594380
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.538 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampled :

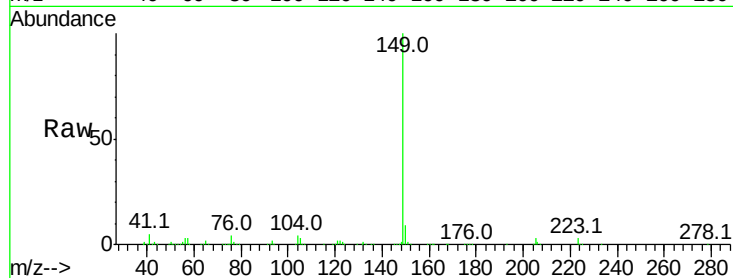
Tot Ion:149 Resp: 741847

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

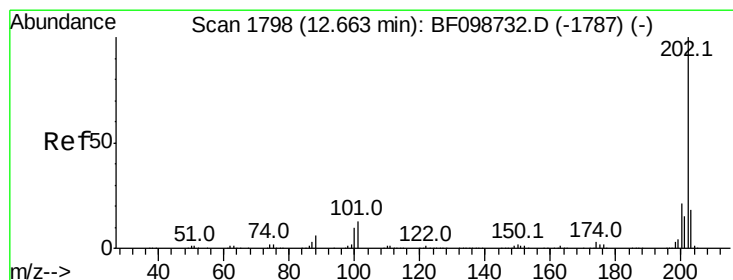
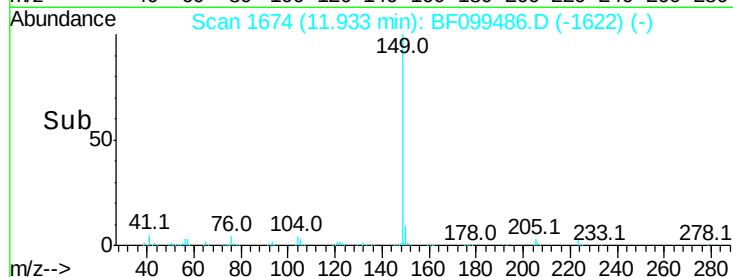
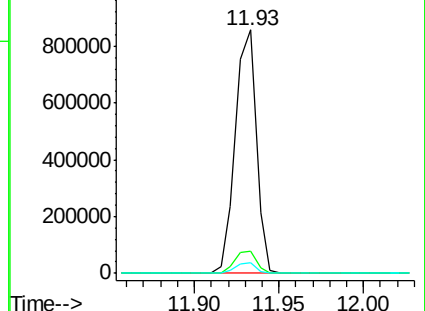
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.683 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

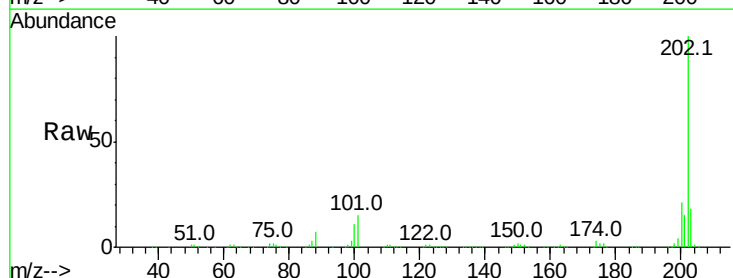
Tgt Ion:202 Resp: 625253

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

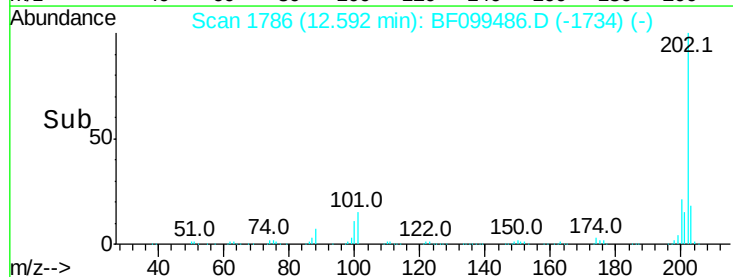
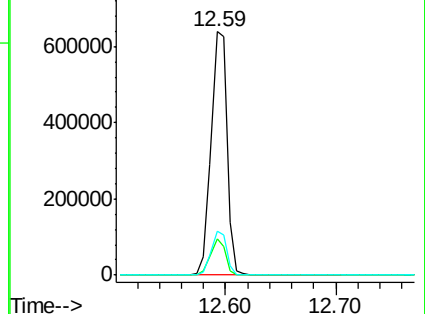
203 17.9 0.0 38.1

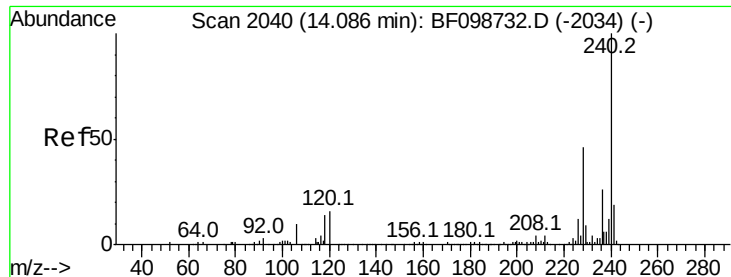


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

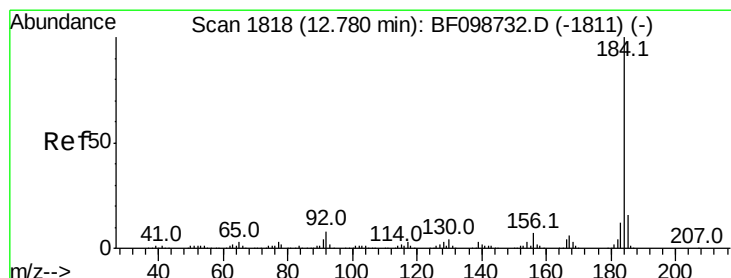
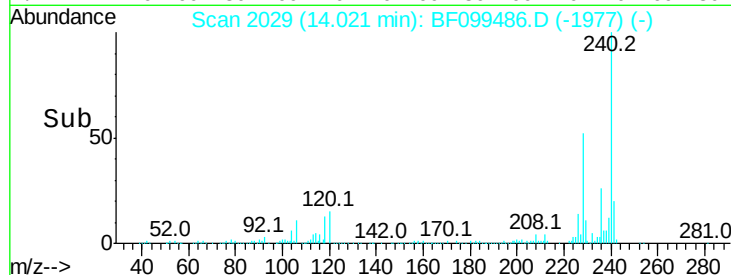
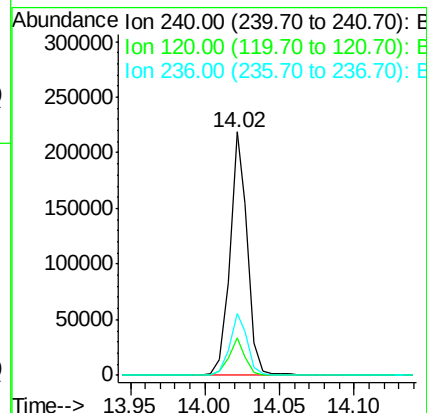
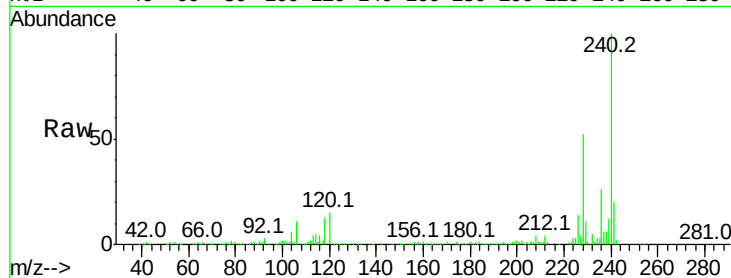
Tot Ion:240 Resp: 180001

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

236 25.6 20.7 31.1



#76

Benzidine

Concen: 29.236 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

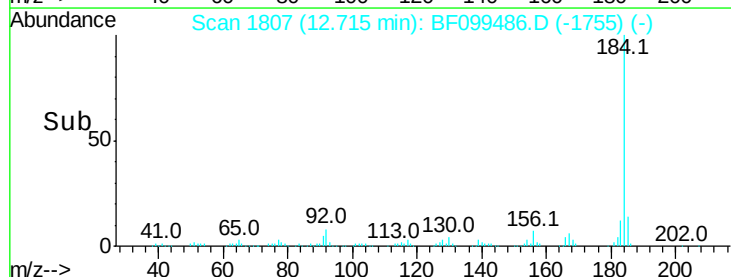
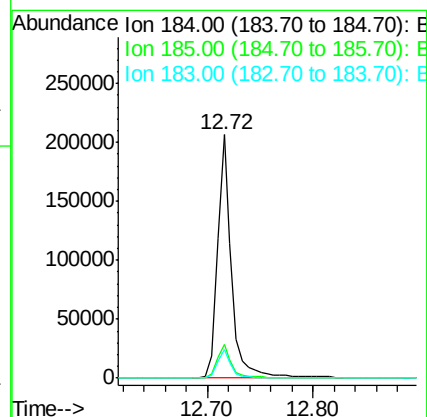
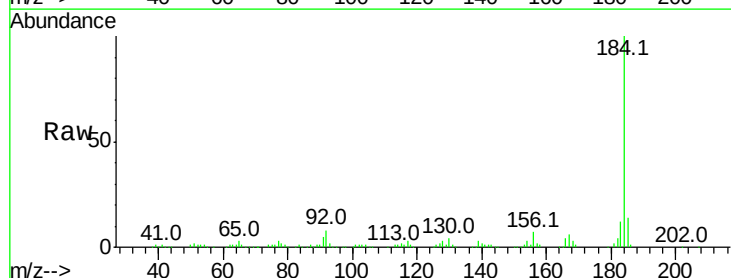
Tgt Ion:184 Resp: 194643

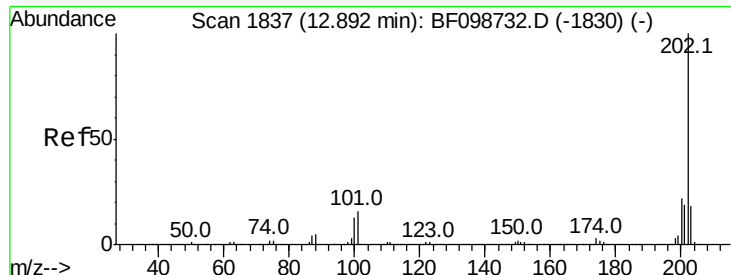
Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

183 12.0 9.3 13.9





#77

Pvrene

Concen: 45.753 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

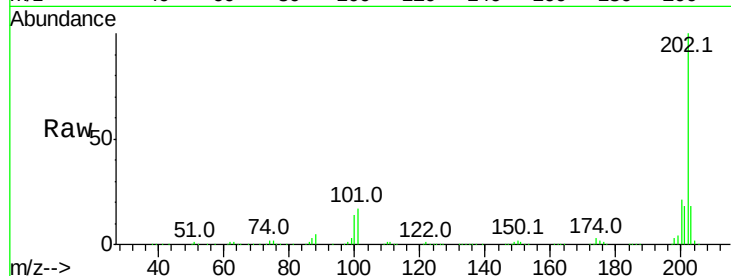
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 627988

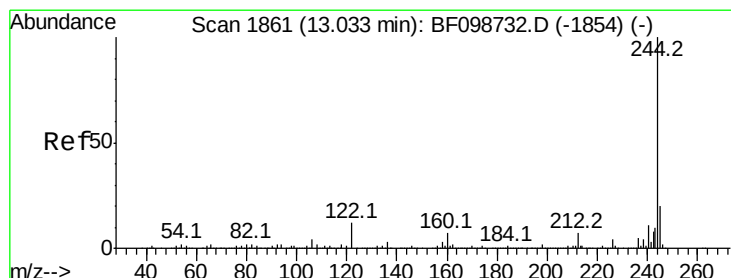
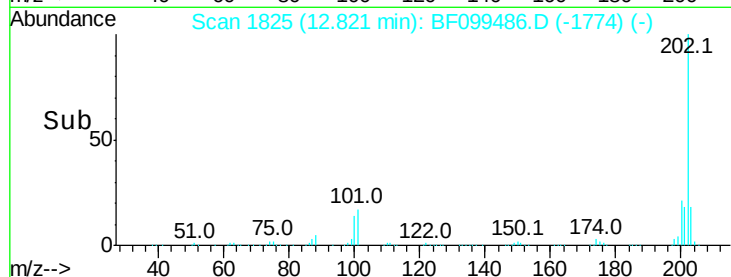
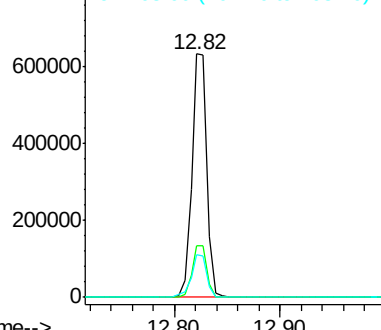
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.484 ng

RT: 12.96 min Scan# 1849

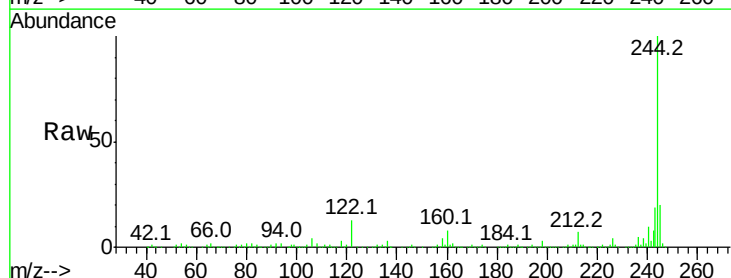
Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Tgt Ion:244 Resp: 739920

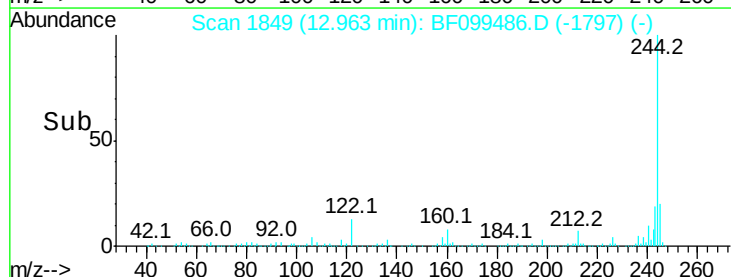
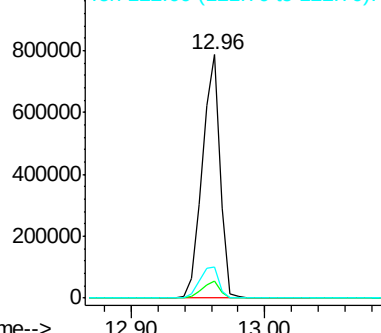
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4

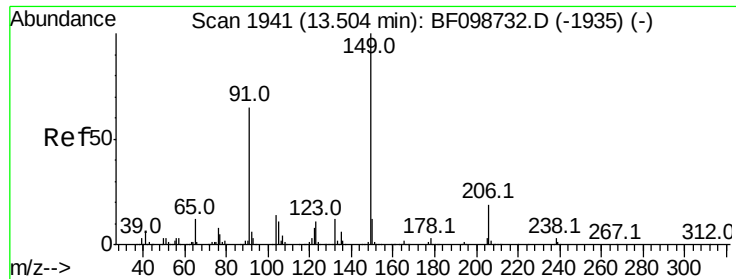


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

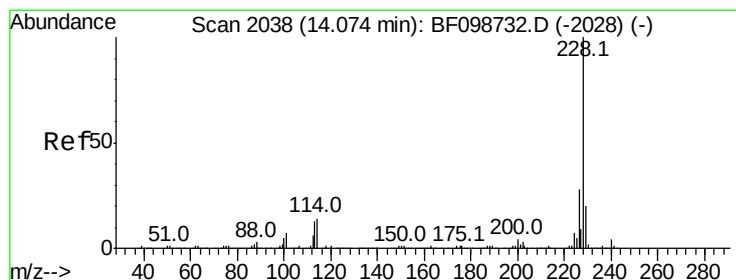
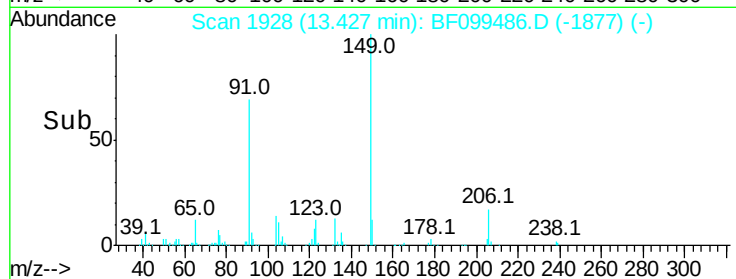
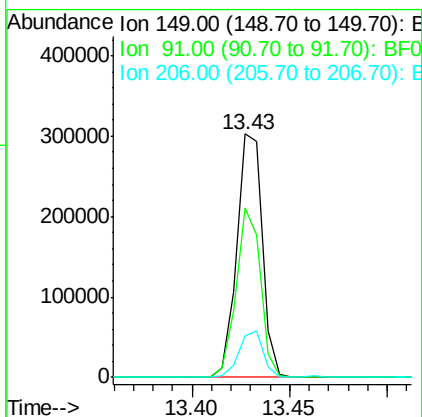
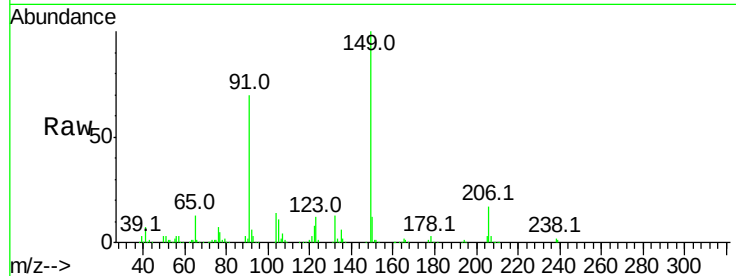




#79
Butylbenzylphthalate
Concen: 42.586 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

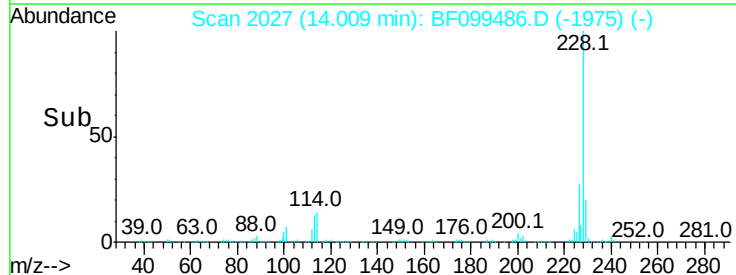
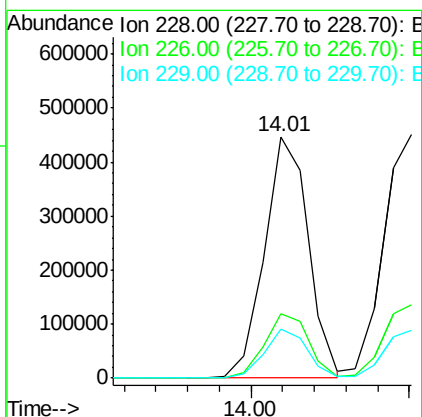
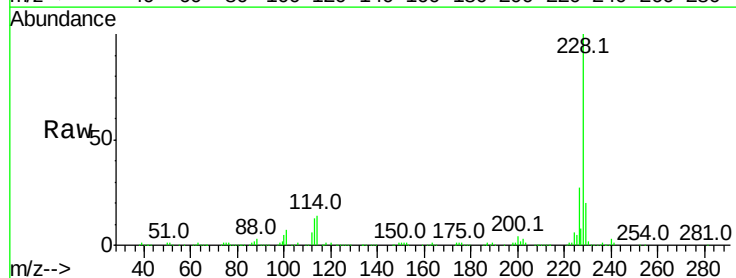
Instrument :
BNA_F
ClientSampleId :

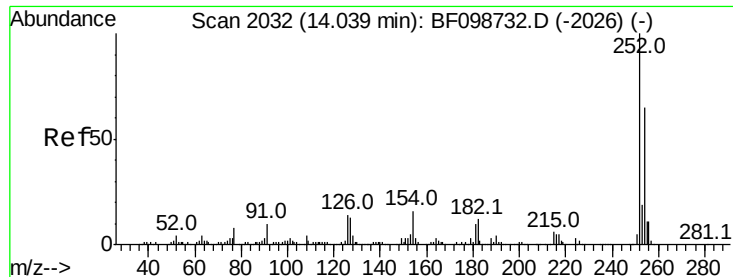
Tot Ion:149 Resp: 274710
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 17.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.314 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:228 Resp: 428500
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 20.2 15.8 23.6

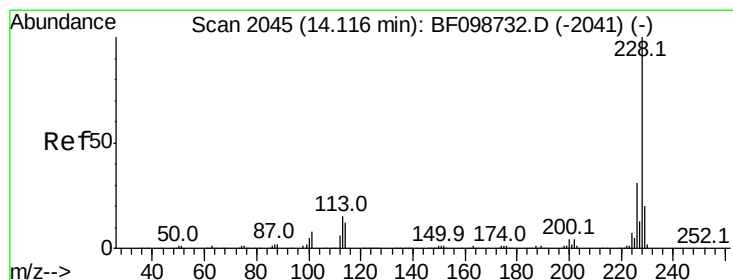
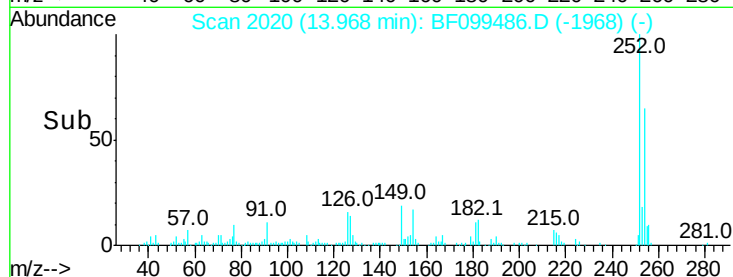
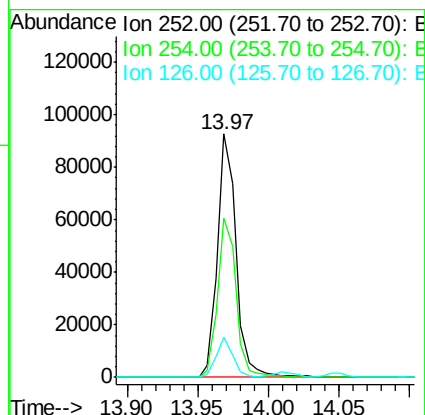
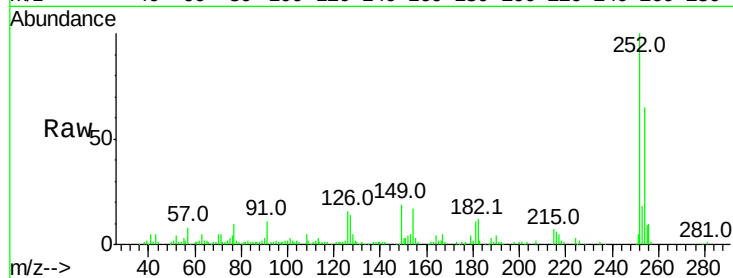




#81
 3,3'-Dichlorobenzidine
 Concen: 21.473 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

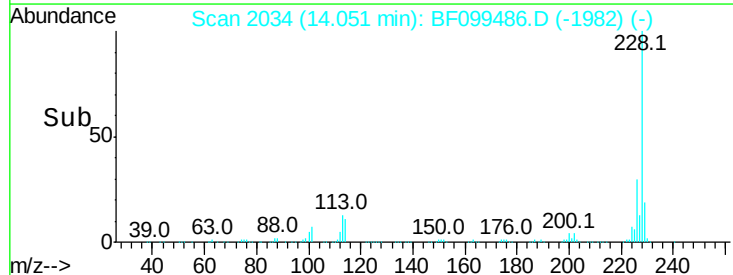
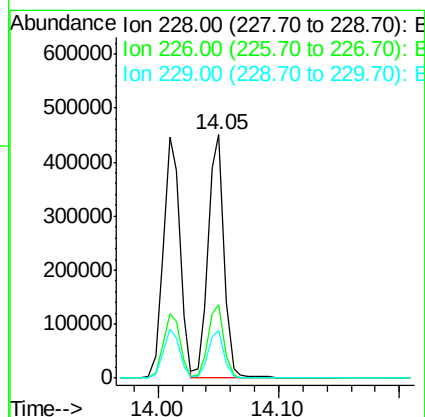
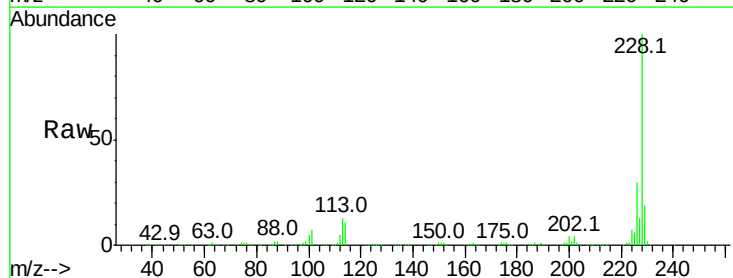
Instrument :
 BNA_F
 ClientSampled :

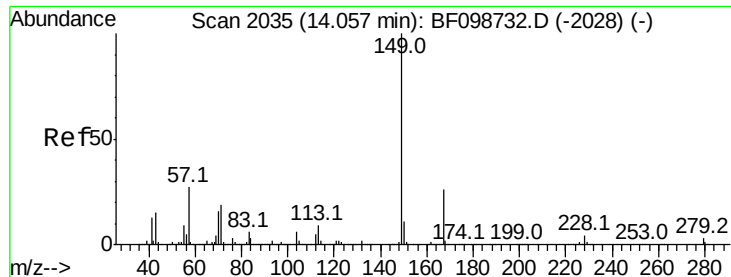
Tot Ion:252 Resp: 85798
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 16.3 11.3 16.9



#82
 Chrysene
 Concen: 39.499 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion:228 Resp: 409876
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.164 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

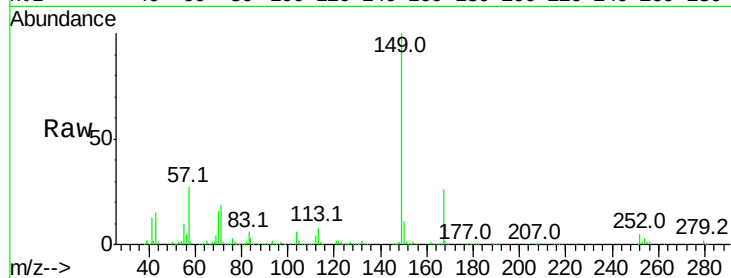
Tot Ion:149 Resp: 347871

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

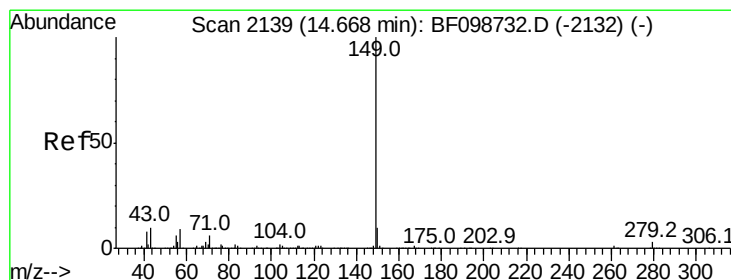
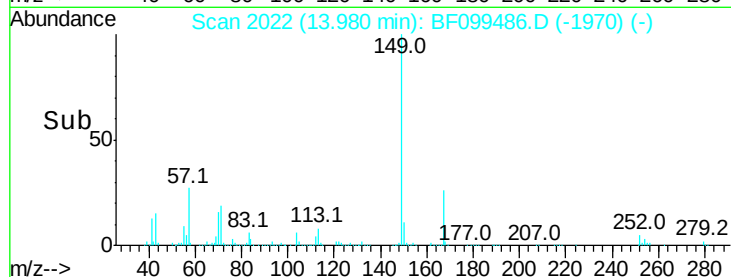
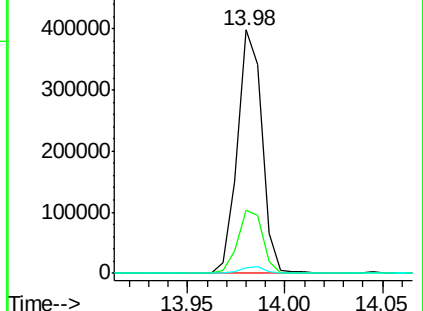
279 2.3 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.744 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

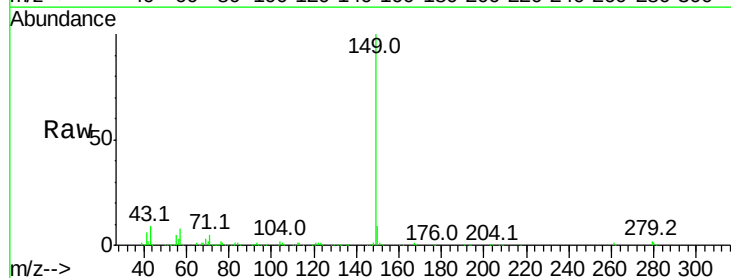
Tgt Ion:149 Resp: 496923

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

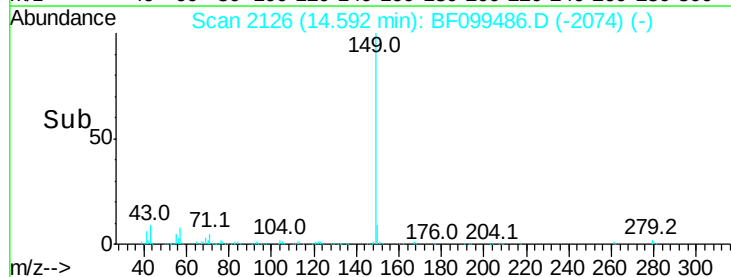
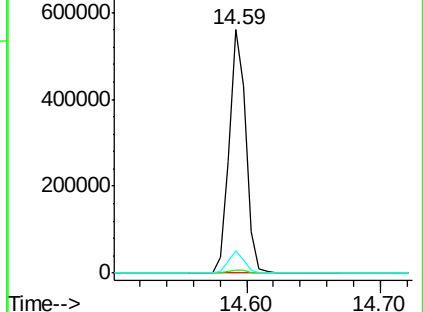
43 8.4 8.4 12.6

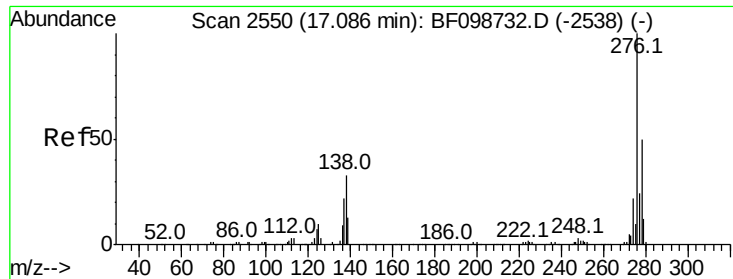


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

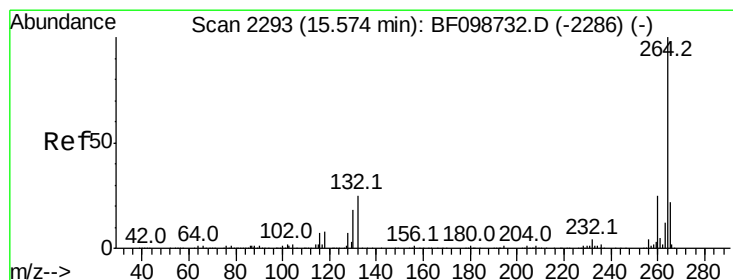
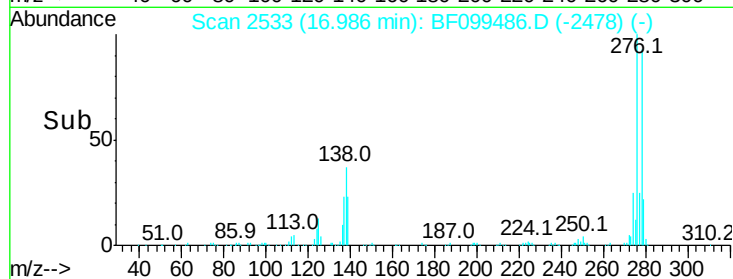
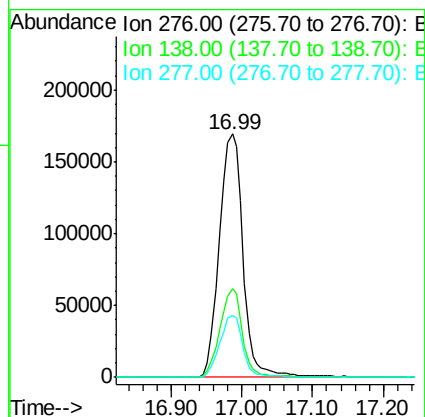
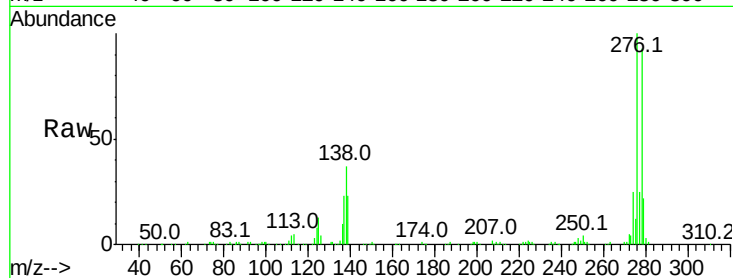




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.678 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.02 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

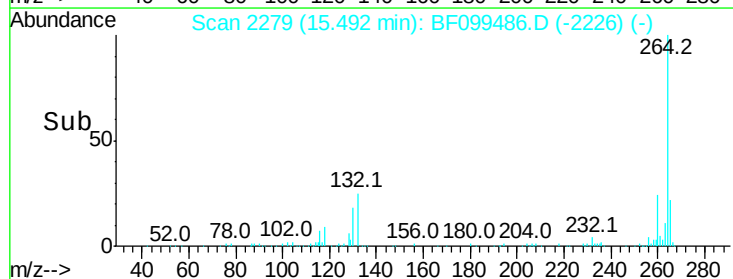
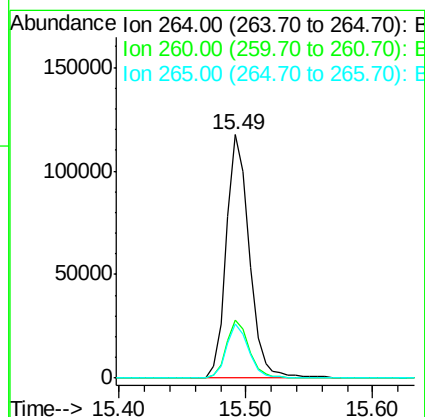
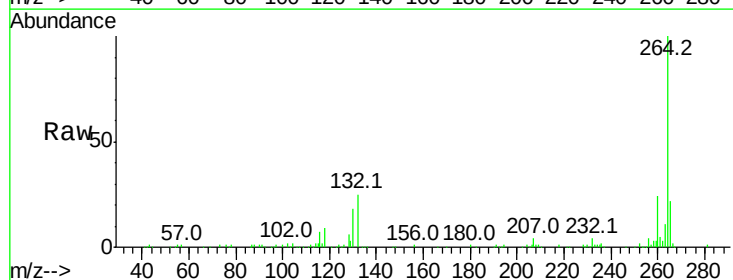
Instrument :
 BNA_F
 ClientSampleId :

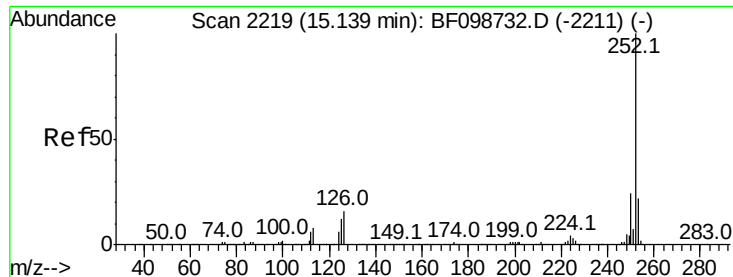
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099486.D
 Acq: 14 Oct 2017 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

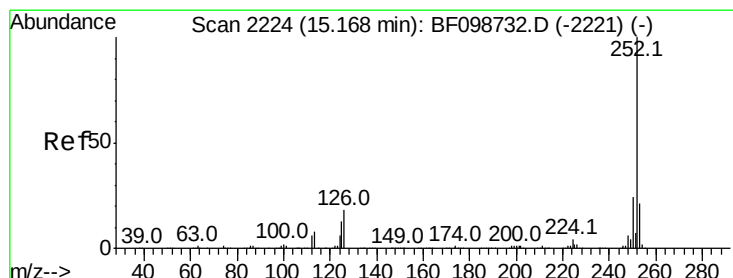
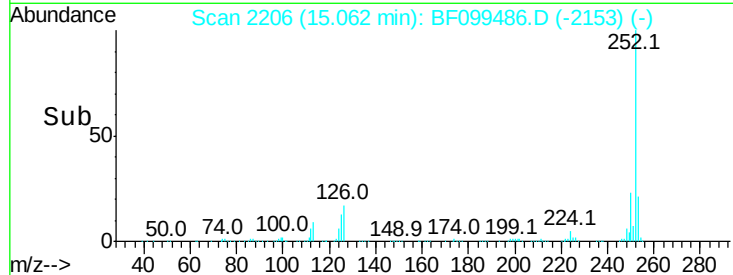
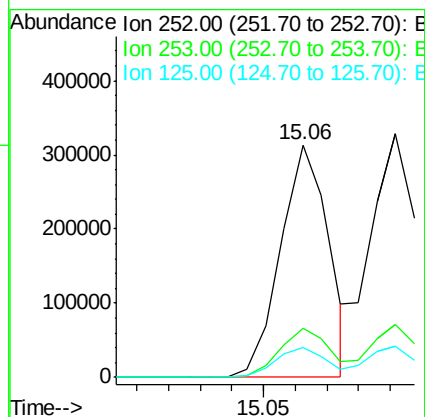
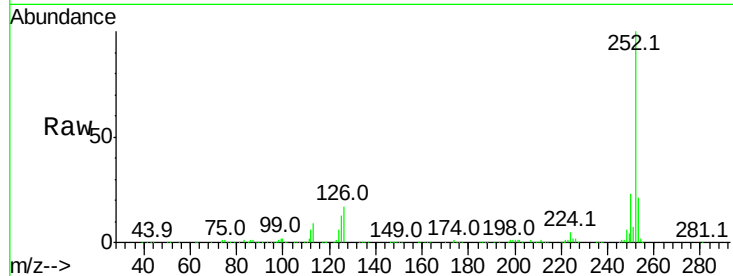




#87
Benzo(b)fluoranthene
Concen: 36.391 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

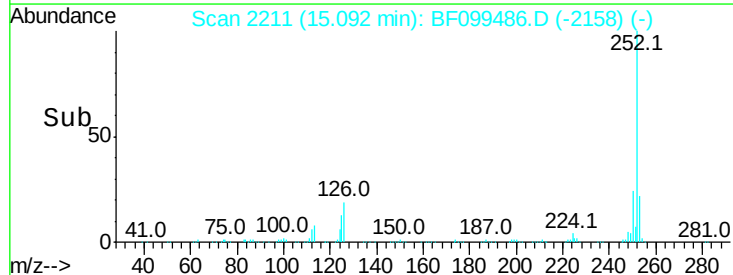
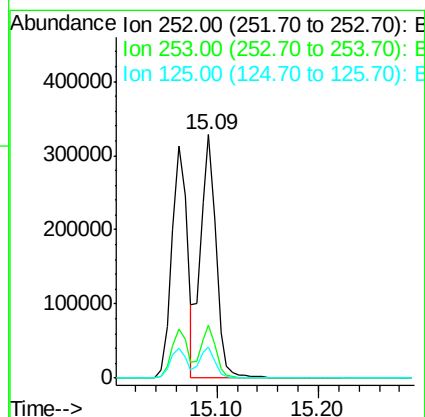
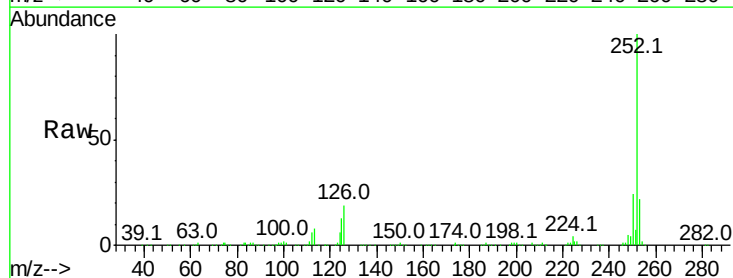
Instrument :
BNA_F
ClientSampleId :

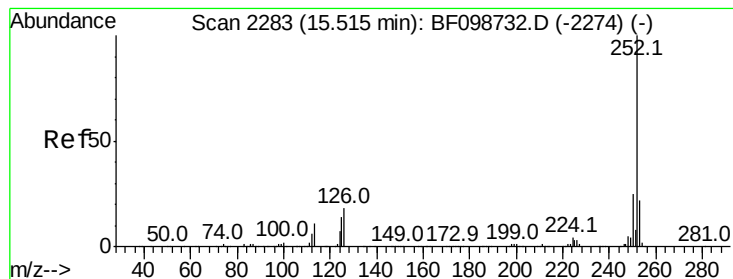
Tot Ion:252 Resp: 331584
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.571 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099486.D
Acq: 14 Oct 2017 19:37

Tgt Ion:252 Resp: 347122
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.471 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

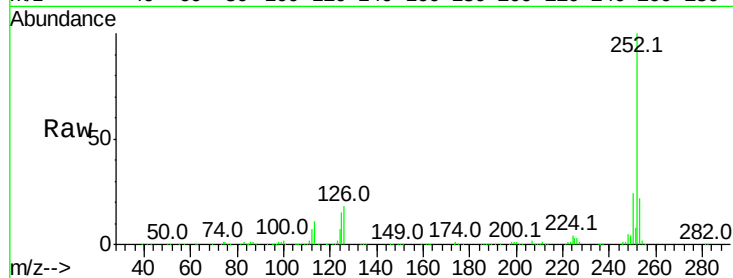
Tot Ion:252 Resp: 330130

Ion Ratio Lower Upper

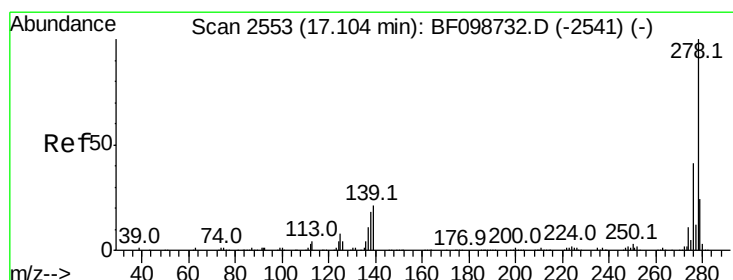
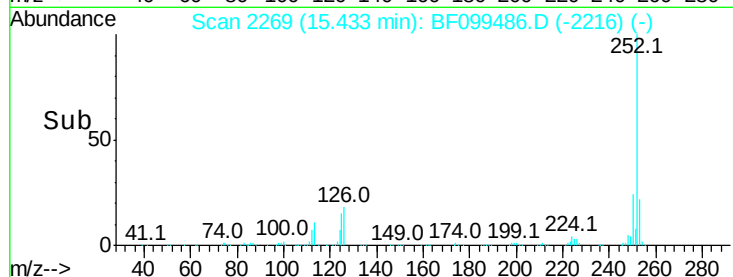
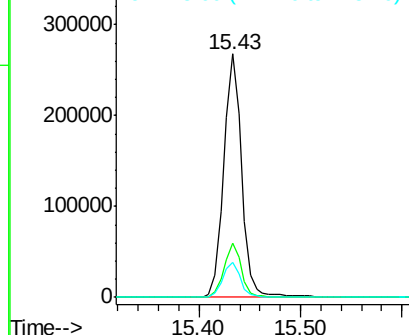
252 100

253 22.0 17.1 25.7

125 14.6 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: 48.640 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

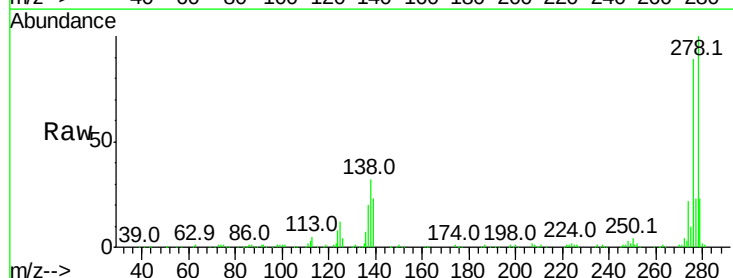
Tgt Ion:278 Resp: 325570

Ion Ratio Lower Upper

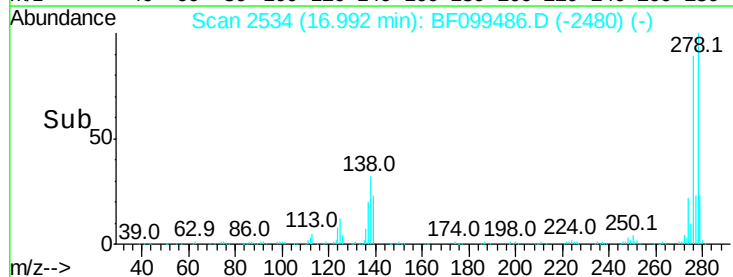
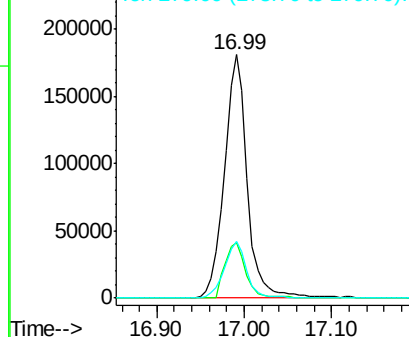
278 100

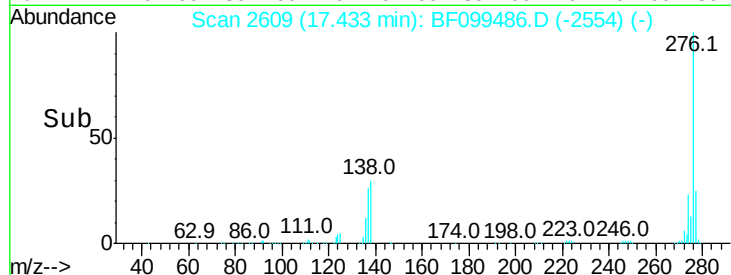
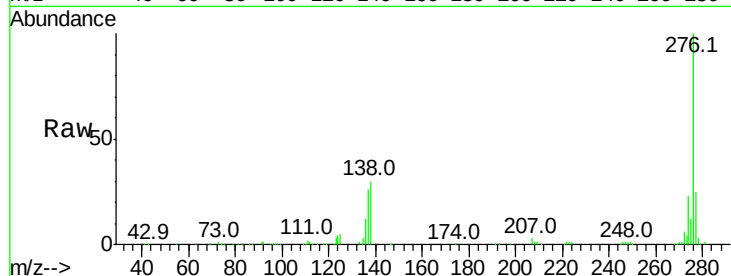
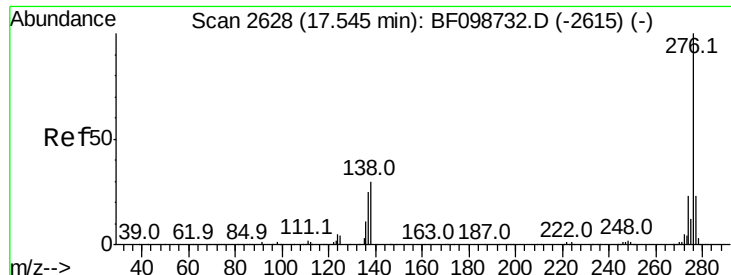
139 22.7 15.9 23.9

279 23.2 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: 52.092 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF099486.D

Acq: 14 Oct 2017 19:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 344660

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 30.1 21.8 32.8

