

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114972.D
 Acq On : 12 Jun 2019 13:01
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 13:26:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	234571	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	949317	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	454139	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	883689	20.00	ng	0.00
76) Chrysene-d12	13.78	240	417975	20.00	ng	0.00
87) Perylene-d12	15.16	264	463074	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2108782	152.15	ng	0.00
7) Phenol-d6	6.31	99	2508522	150.05	ng	0.01
23) Nitrobenzene-d5	7.23	82	2432094	157.41	ng	0.01
42) 2,4,6-Tribromophenol	10.47	330	726524	147.06	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3758440	131.35	ng	0.00
79) Terphenyl-d14	12.74	244	3553131	169.06	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	536972	81.644	ng	100
3) Pyridine	2.96	79	1535842	83.888	ng	99
4) n-Nitrosodimethylamine	2.92	42	541386	82.327	ng	98
6) Aniline	6.33	93	1684678	74.393	ng	89
8) 2-Chlorophenol	6.45	128	1202711	76.033	ng	98
9) Benzaldehyde	6.20	77	612268	57.221	ng	99
10) Phenol	6.32	94	1415164	75.913	ng	97
11) bis(2-Chloroethyl)ether	6.40	93	1143477	76.964	ng	99
12) 1,3-Dichlorobenzene	6.59	146	1405446	76.555	ng	97
13) 1,4-Dichlorobenzene	6.67	146	1406180	76.382	ng	98
14) 1,2-Dichlorobenzene	6.83	146	1213007	72.593	ng	98
15) Benzyl Alcohol	6.81	79	882103	73.123	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1495286	73.179	ng	99
17) 2-Methylphenol	6.93	107	1040592	78.565	ng	95
18) Hexachloroethane	7.17	117	524939	77.372	ng	96
19) n-Nitroso-di-n-propylamine	7.09	70	791189	75.682	ng	98
20) 3+4-Methylphenols	7.09	107	1082906	73.021	ng	91
22) Acetophenone	7.07	105	1649192	77.609	ng	# 99
24) Nitrobenzene	7.25	77	1235092	76.843	ng	94
25) Isophorone	7.49	82	2359571	77.988	ng	100
26) 2-Nitrophenol	7.56	139	713897	79.948	ng	99
27) 2,4-Dimethylphenol	7.60	122	997532	76.341	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1458906	75.377	ng	99
29) 2,4-Dichlorophenol	7.80	162	1051634	76.852	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	1198081	76.291	ng	99
31) Naphthalene	7.96	128	3259427	74.514	ng	98
32) Benzoic acid	7.77	122	851996	87.291	ng	95
33) 4-Chloroaniline	8.01	127	1573201	76.213	ng	98
34) Hexachlorobutadiene	8.08	225	666771	75.700	ng	99
35) Caprolactam	8.42	113	362306	78.600	ng	99
36) 4-Chloro-3-methylphenol	8.50	107	1070760	77.041	ng	98
37) 2-Methylnaphthalene	8.65	142	2188223	73.617	ng	98
38) 1-Methylnaphthalene	8.75	142	2064965	73.453	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	993337	76.076	ng	99

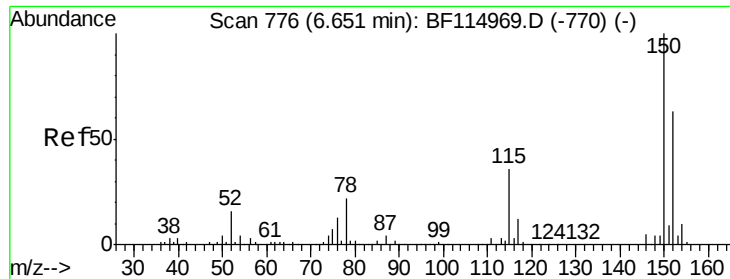
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	548105	73.849	ng	98
43) 2,4,6-Trichlorophenol	8.93	196	775704	78.237	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	785237	76.809	ng	97
46) 1,1'-Biphenyl	9.12	154	2498364	73.534	ng	98
47) 2-Chloronaphthalene	9.14	162	2169738	75.650	ng	99
48) 2-Nitroaniline	9.23	65	680941	77.997	ng	99
49) Acenaphthylene	9.55	152	3085669	73.007	ng	98
50) Dimethylphthalate	9.43	163	2624087	76.879	ng	99
51) 2,6-Dinitrotoluene	9.48	165	604180	77.066	ng	89
52) Acenaphthene	9.72	154	1894031	73.970	ng	99
53) 3-Nitroaniline	9.65	138	750008	79.668	ng	94
54) 2,4-Dinitrophenol	9.75	184	345858	89.134	ng	92
55) Dibenzofuran	9.89	168	2600358	71.142	ng	95
56) 4-Nitrophenol	9.82	139	531976	79.288	ng	98
57) 2,4-Dinitrotoluene	9.88	165	743995	75.078	ng	# 88
58) Fluorene	10.23	166	1871716	66.430	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	641201	77.584	ng	98
60) Diethylphthalate	10.12	149	2448122	73.795	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	929478	65.895	ng	98
62) 4-Nitroaniline	10.26	138	768026	79.605	ng	100
63) Azobenzene	10.39	77	2119115	73.390	ng	96
65) 4,6-Dinitro-2-methylphenol	10.29	198	423793	85.515	ng	96
66) n-Nitrosodiphenylamine	10.35	169	1947509	74.179	ng	99
67) 4-Bromophenyl-phenylether	10.71	248	714262	74.621	ng	93
68) Hexachlorobenzene	10.78	284	780520	73.841	ng	97
69) Atrazine	10.88	200	626972	70.873	ng	98
70) Pentachlorophenol	10.97	266	470356	79.354	ng	99
71) Phenanthrene	11.19	178	3070358	71.613	ng	99
72) Anthracene	11.24	178	3106423	71.384	ng	99
73) Carbazole	11.39	167	2867987	72.388	ng	98
74) Di-n-butylphthalate	11.73	149	3413541	69.714	ng	98
75) Fluoranthene	12.36	202	3187839	71.885	ng	97
77) Benzidine	12.48	184	1113597	60.879	ng	96
78) Pyrene	12.59	202	3192680	87.706	ng	98
80) Butylbenzylphthalate	13.22	149	1553056	86.600	ng	96
81) Benzo(a)anthracene	13.77	228	2489538	80.553	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	946183	75.003	ng	# 99
83) Chrysene	13.81	228	2579714	83.123	ng	99
84) Bis(2-ethylhexyl)phthalate	13.78	149	1722139	81.994	ng	100
85) Di-n-octyl phthalate	14.39	149	2971536	77.450	ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	2417406	82.854	ng	100
88) Benzo(b)fluoranthene	14.78	252	2452703	81.356	ng	99
89) Benzo(k)fluoranthene	14.81	252	2027979	77.512	ng	98
90) Benzo(a)pyrene	15.10	252	2087021	79.701	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1903729	86.069	ng	100
92) Benzo(g,h,i)perylene	16.86	276	2036215	92.354	ng	99

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

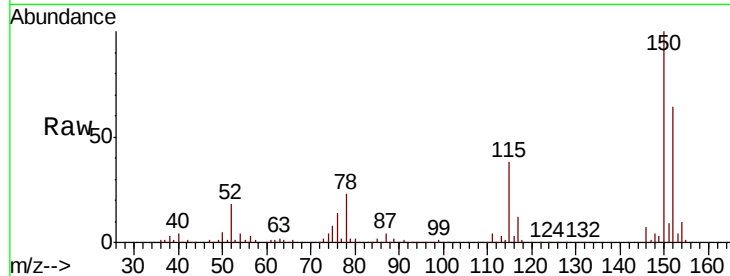


#1

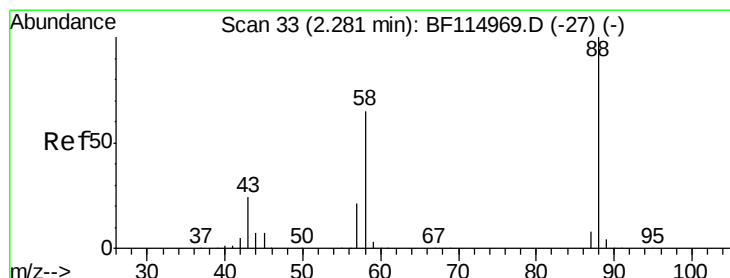
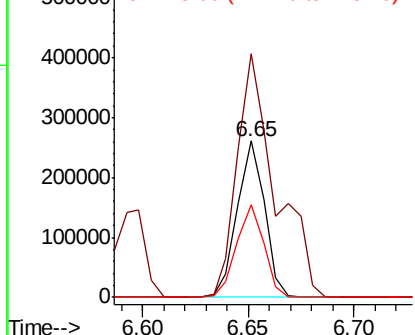
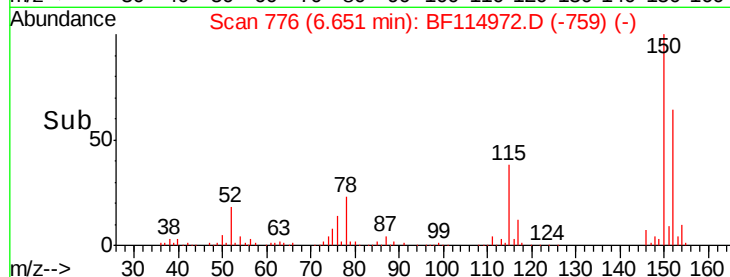
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 234571
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 59.2 46.0 69.0



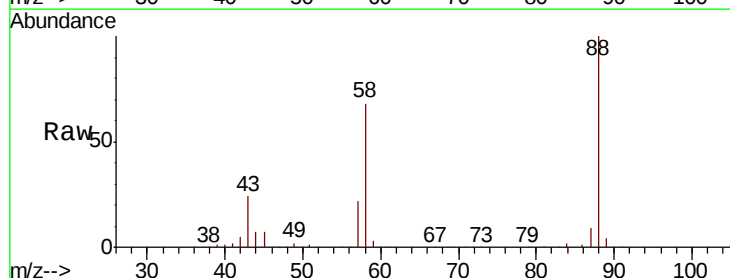
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



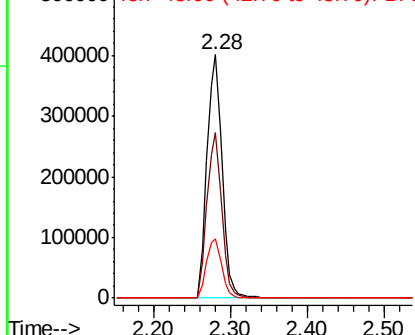
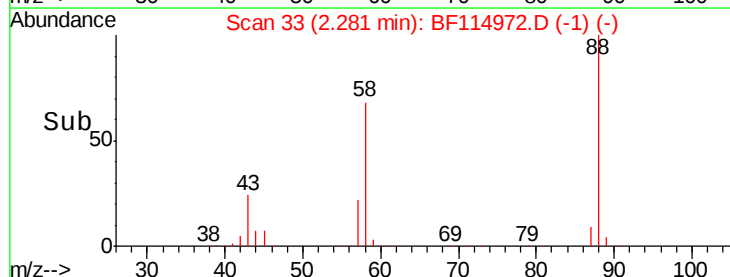
#2

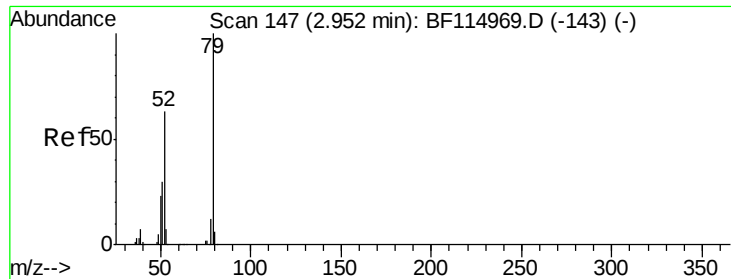
1,4-Dioxane
Concen: 81.644 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion: 88 Resp: 536972
Ion Ratio Lower Upper
88 100
58 67.0 53.4 80.2
43 24.6 19.7 29.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 83.888 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

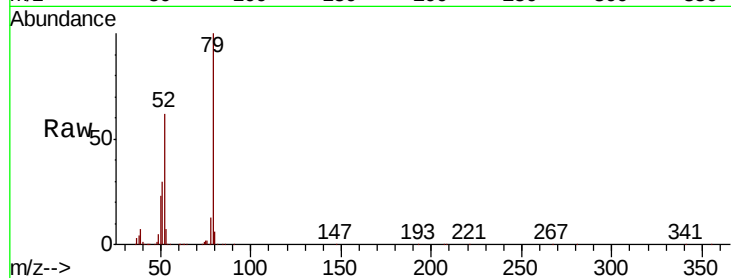
Tot Ion: 79 Resp: 1535842

Ion Ratio Lower Upper

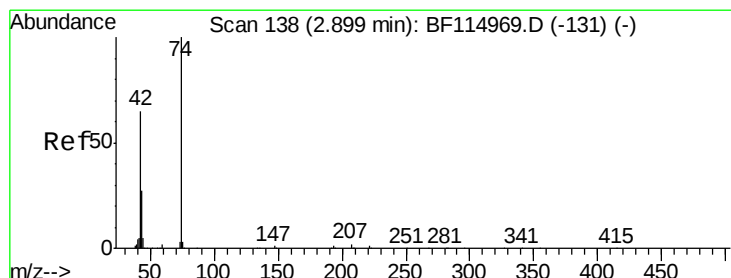
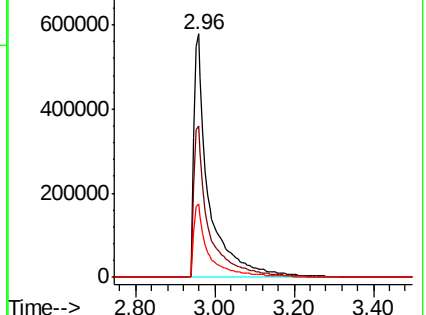
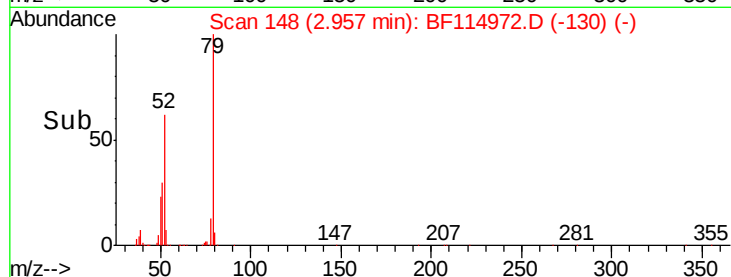
79 100

52 62.1 50.3 75.5

51 30.4 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 82.327 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

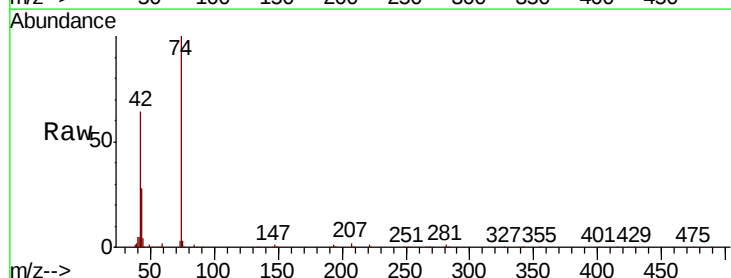
Tgt Ion: 42 Resp: 541386

Ion Ratio Lower Upper

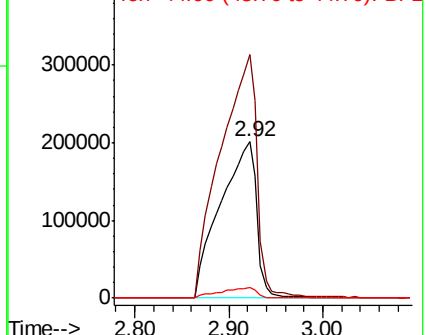
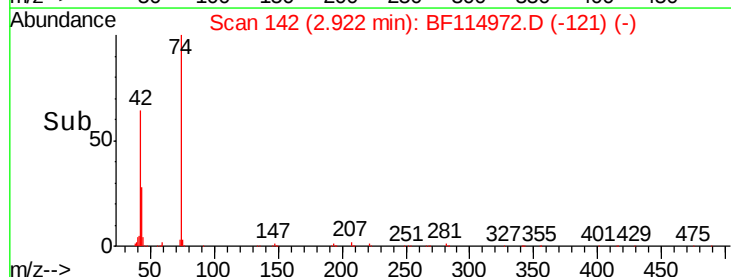
42 100

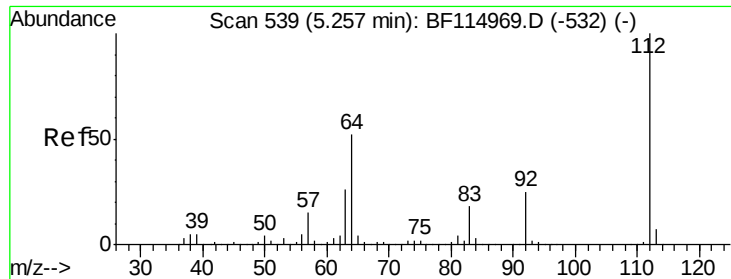
74 155.9 122.2 183.2

44 6.6 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 152.147 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampled :

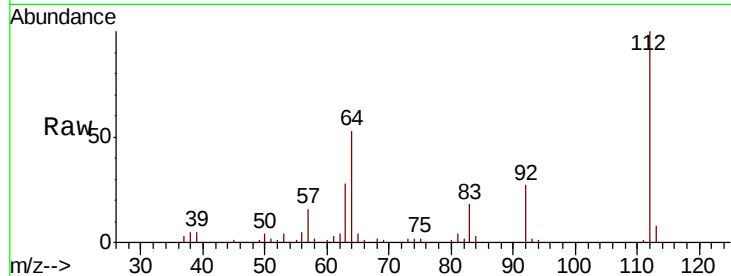
Tot Ion:112 Resp: 2108782

Ion Ratio Lower Upper

112 100

64 52.8 41.6 62.4

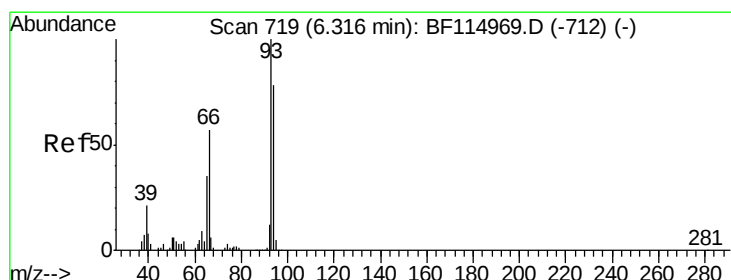
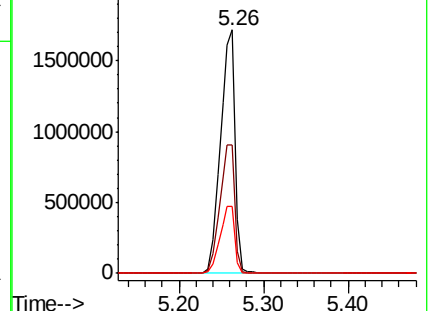
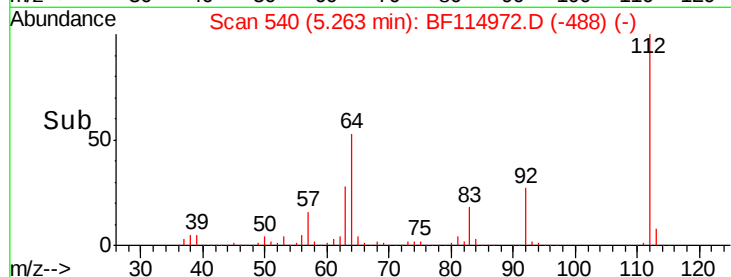
63 27.6 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 74.393 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

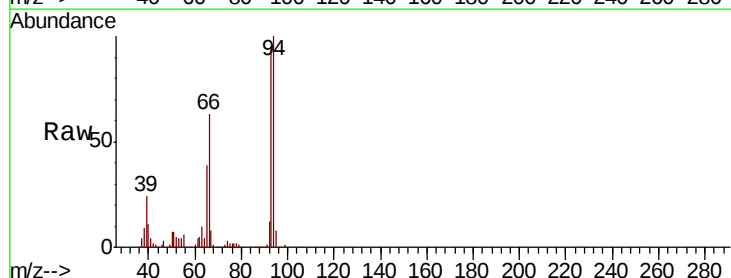
Tgt Ion: 93 Resp: 1684678

Ion Ratio Lower Upper

93 100

66 66.4 46.2 69.2

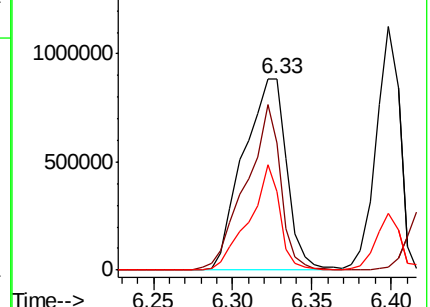
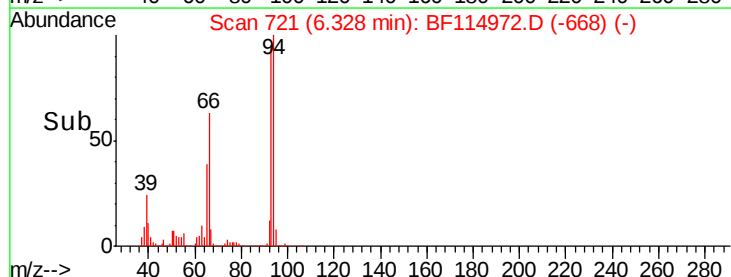
65 40.6 27.7 41.5

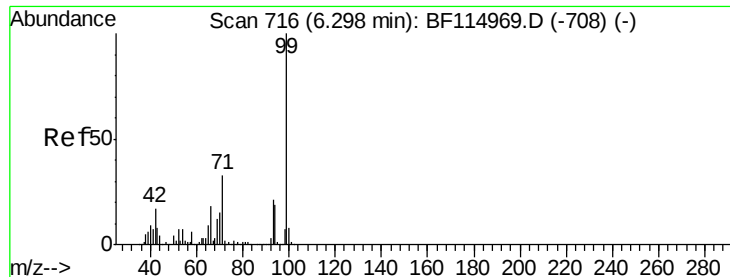


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 150.049 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

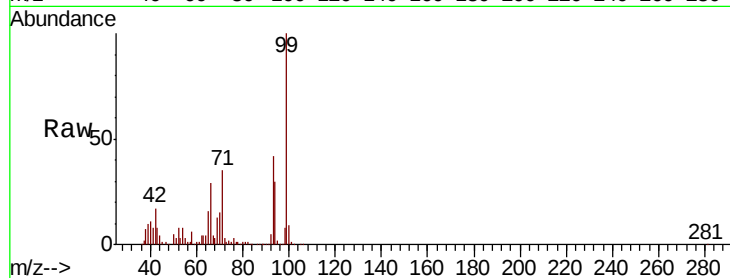
Tot Ion: 99 Resp: 2508522

Ion Ratio Lower Upper

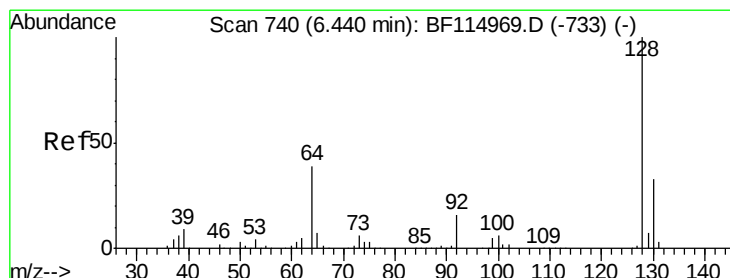
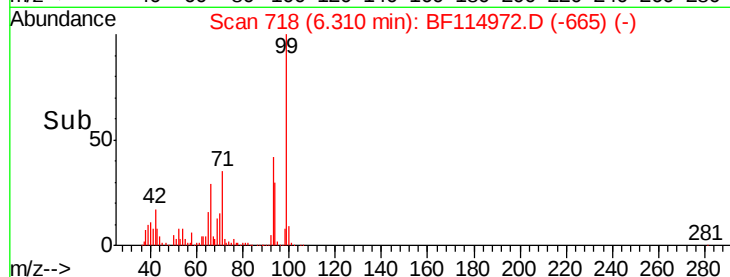
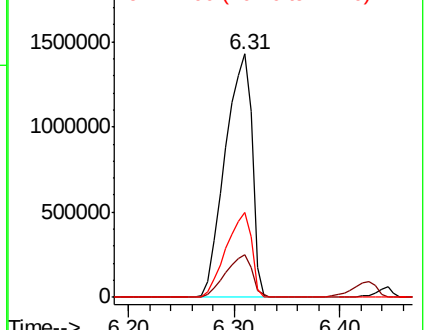
99 100

42 17.4 13.4 20.2

71 34.6 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 76.033 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

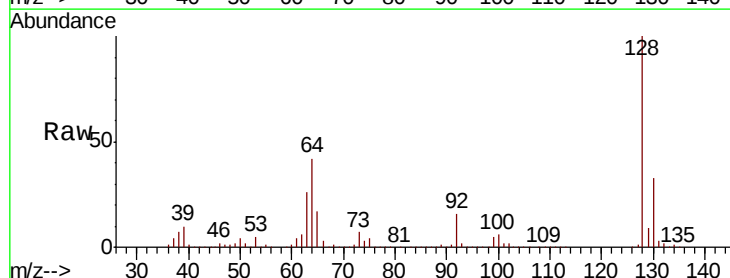
Tgt Ion: 128 Resp: 1202711

Ion Ratio Lower Upper

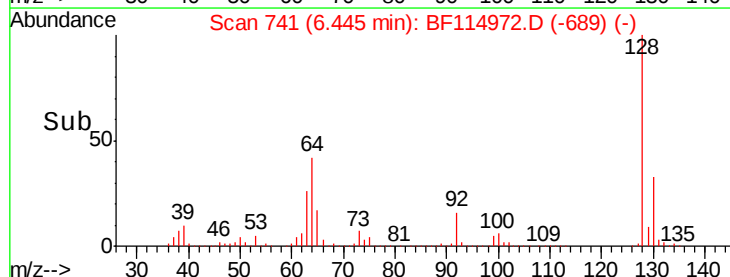
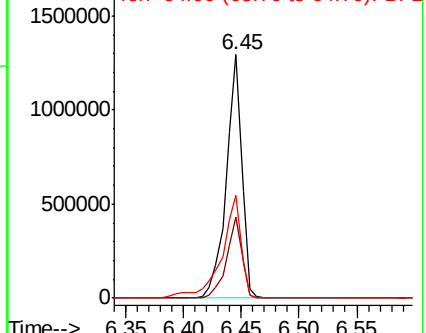
128 100

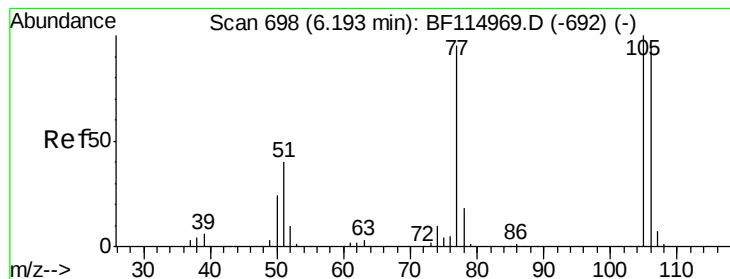
130 33.3 13.4 53.4

64 42.4 20.1 60.1



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): BF1





#9

Benzaldehyde

Concen: 57.221 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

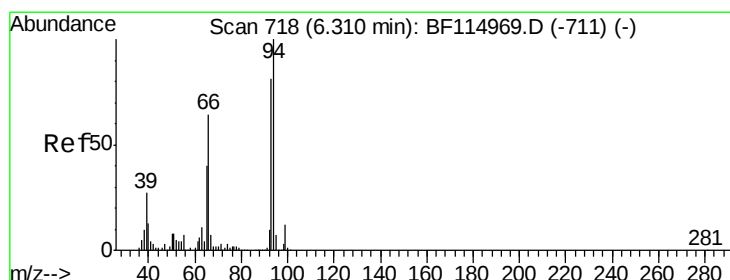
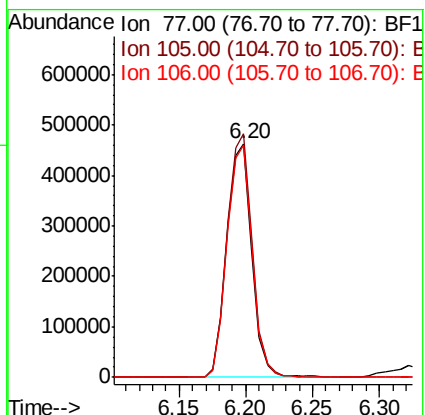
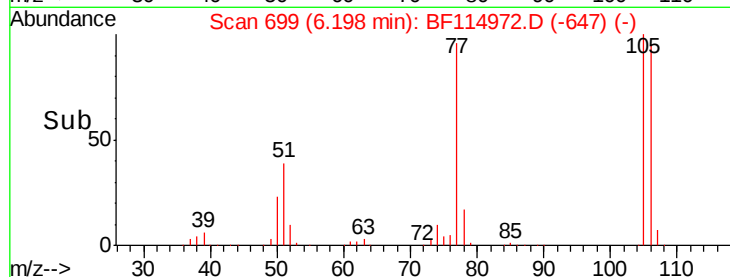
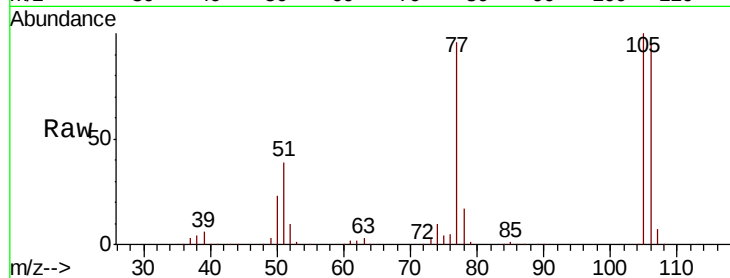
Tot Ion: 77 Resp: 612268

Ion Ratio Lower Upper

77 100

105 104.1 85.1 125.1

106 99.1 80.0 120.0



#10

Phenol

Concen: 75.913 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

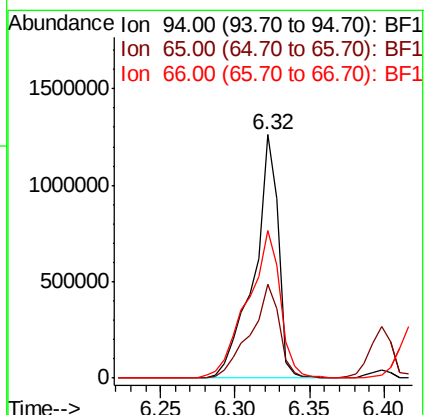
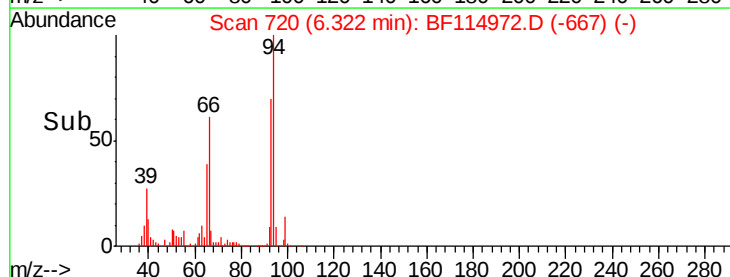
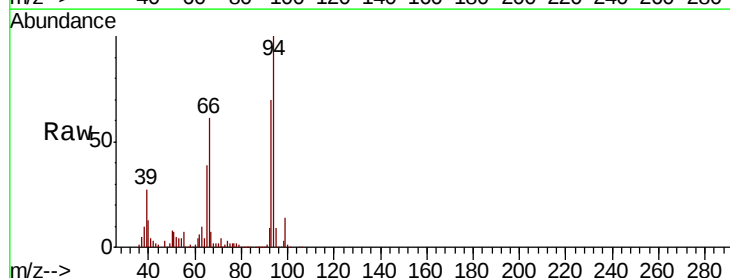
Tgt Ion: 94 Resp: 1415164

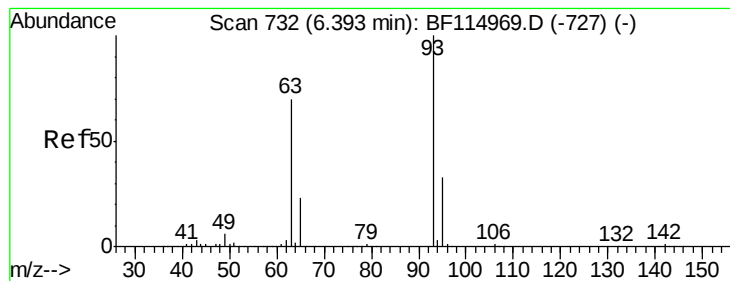
Ion Ratio Lower Upper

94 100

65 38.8 20.0 60.0

66 60.8 44.1 84.1



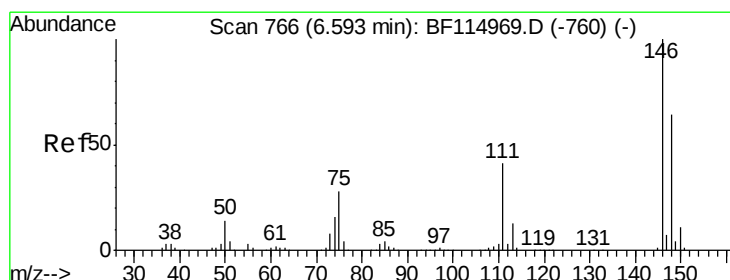
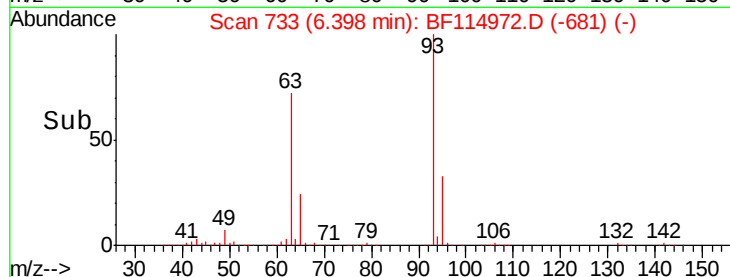
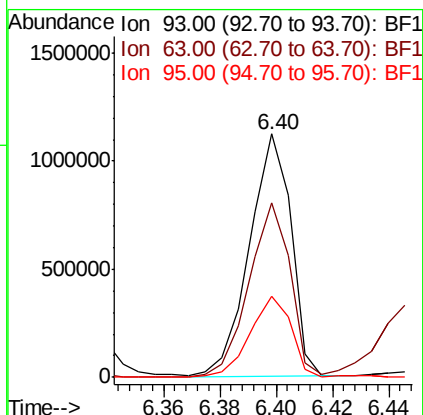
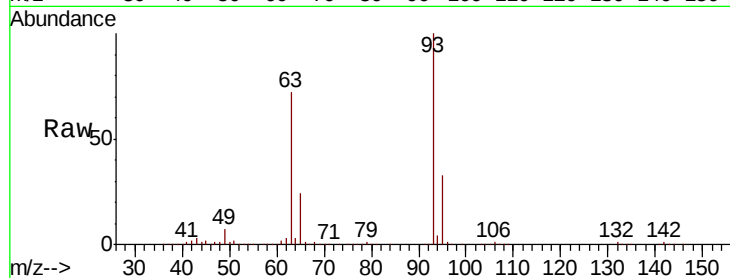


#11
bis(2-Chloroethyl)ether
Concen: 76.964 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1143477

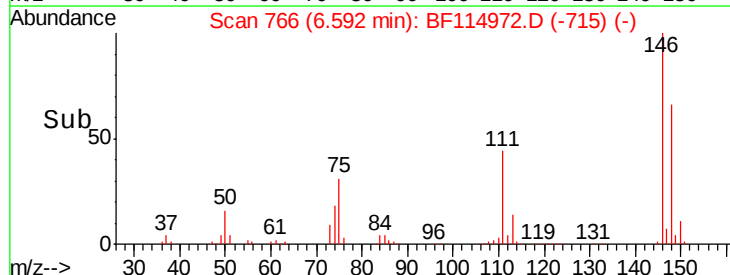
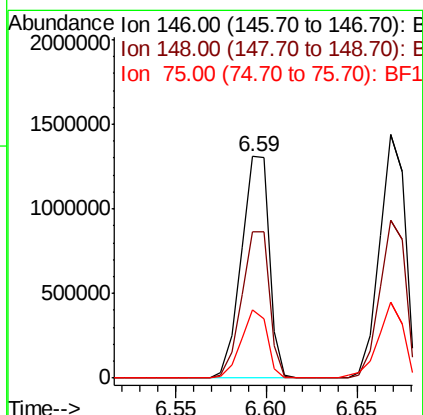
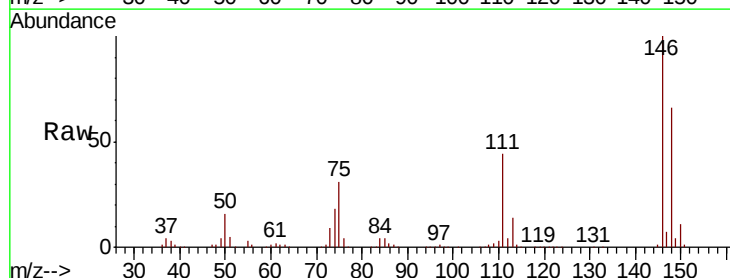
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.8	89.8
95	33.2	13.3	53.3

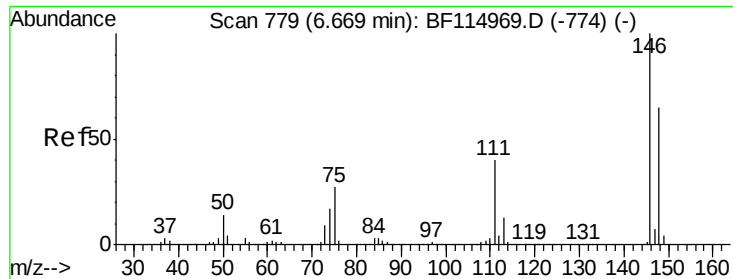


#12
1,3-Dichlorobenzene
Concen: 76.555 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion: 146 Resp: 1405446

Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.6	77.4
75	30.9	22.3	33.5

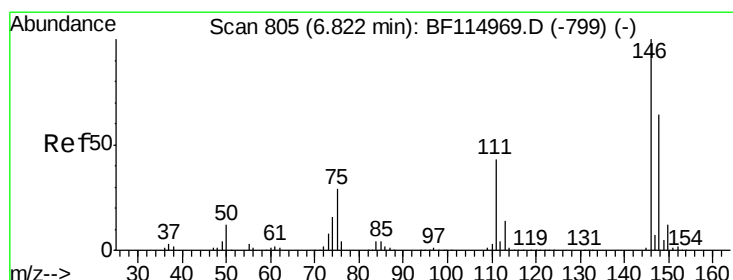
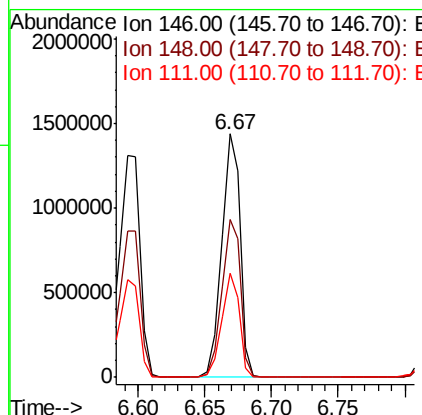
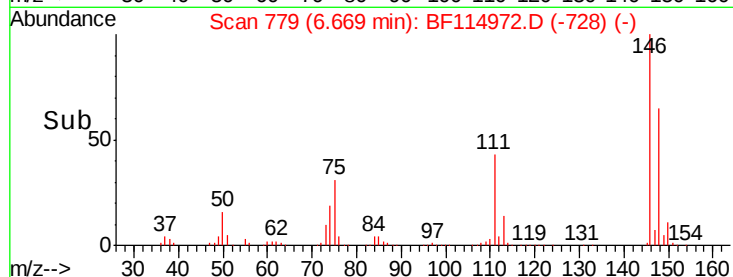
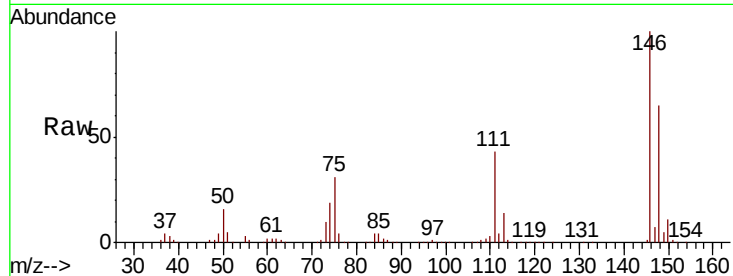




#13
 1,4-Dichlorobenzene
 Concen: 76.382 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

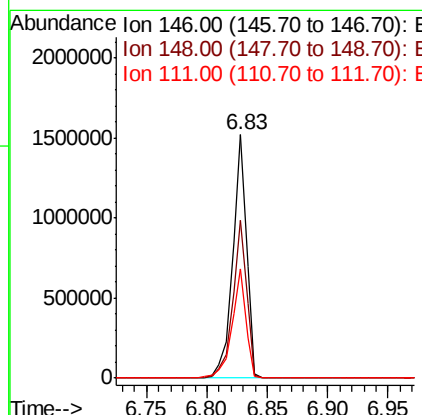
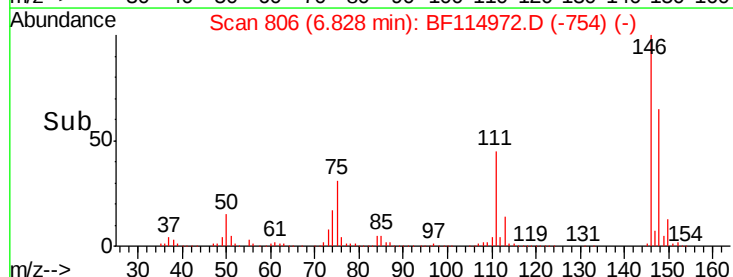
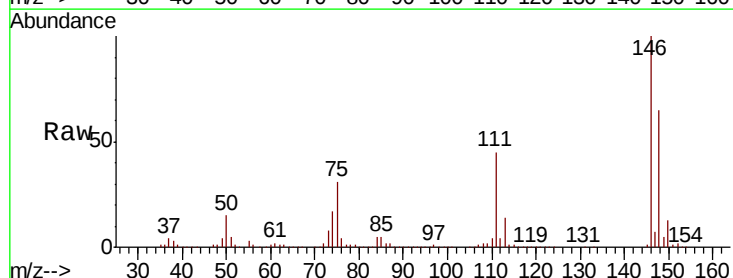
Instrument :
 BNA_F
 ClientSampleId :

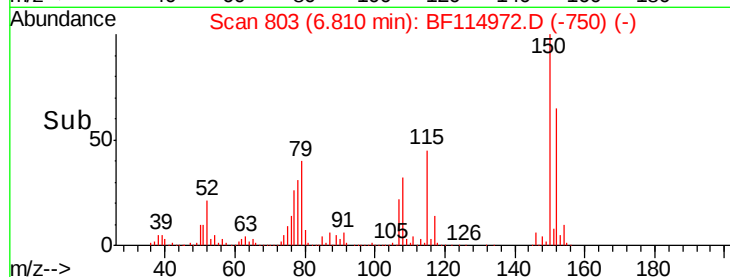
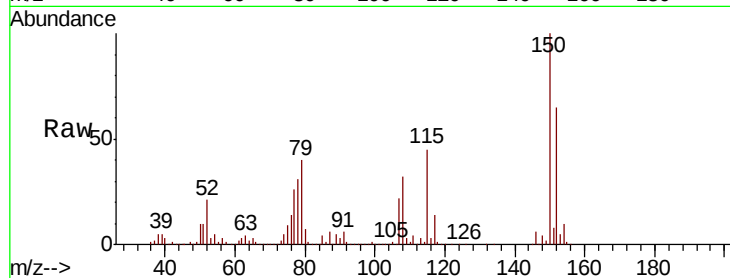
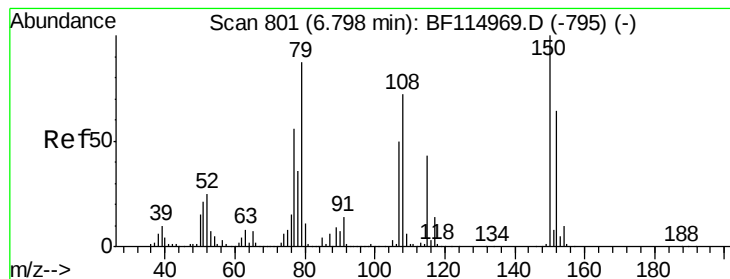
Tot Ion:146 Resp: 1406180
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 42.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 72.593 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:146 Resp: 1213007
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.5 77.3
 111 45.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 73.123 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

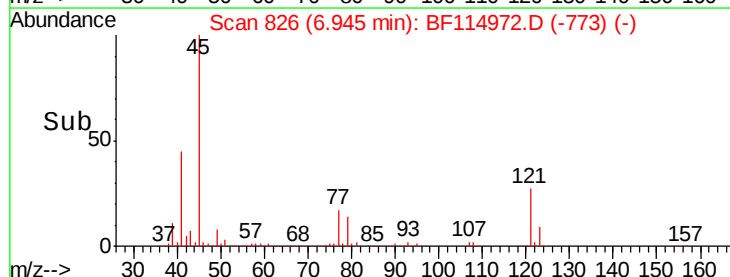
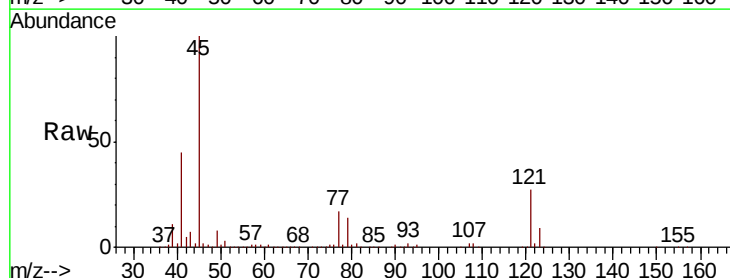
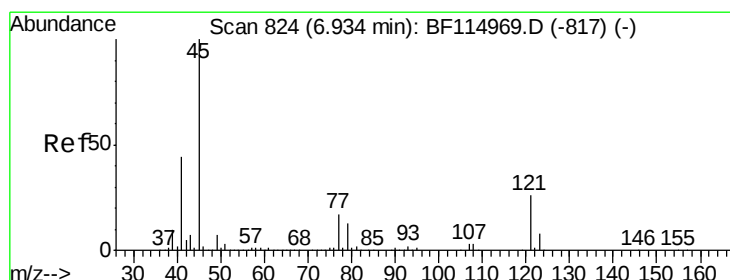
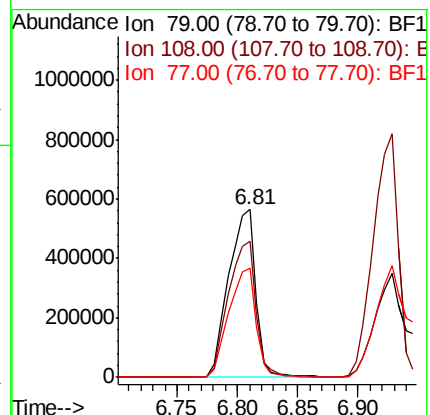
Tot Ion: 79 Resp: 882103

Ion Ratio Lower Upper

79 100

108 81.3 66.0 99.0

77 65.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.179 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

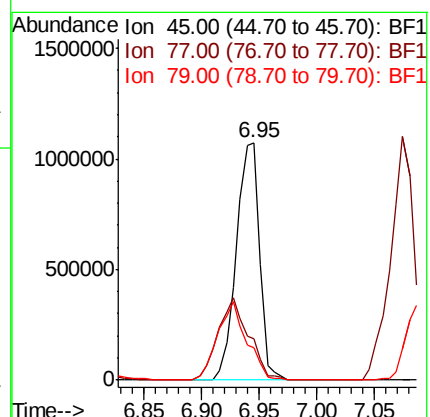
Tgt Ion: 45 Resp: 1495286

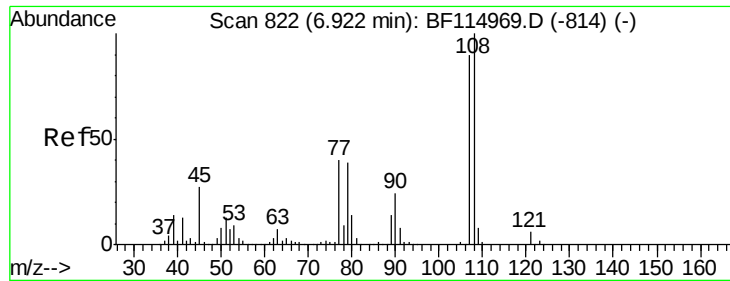
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.0

79 13.8 0.0 33.1

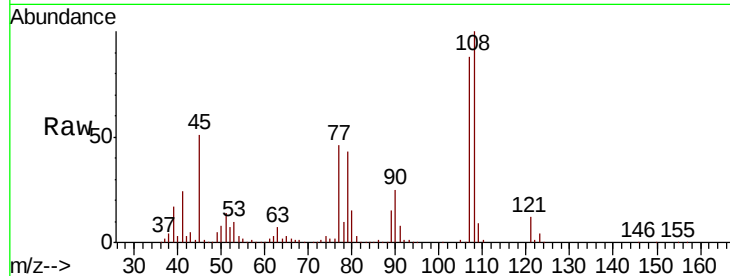




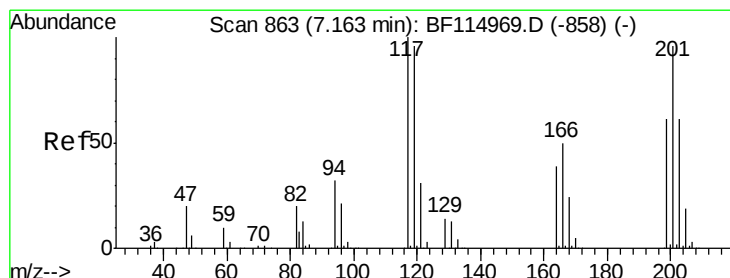
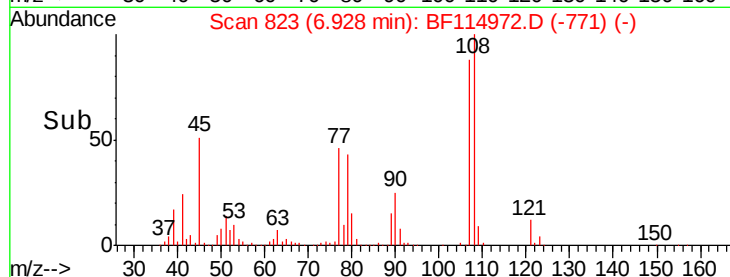
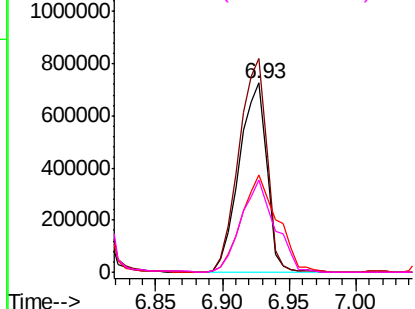
#17
2-Methylphenol
Concen: 78.565 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1040592
Ion Ratio Lower Upper
107 100
108 113.0 89.3 133.9
77 51.6 35.4 53.2
79 48.6 34.9 52.3

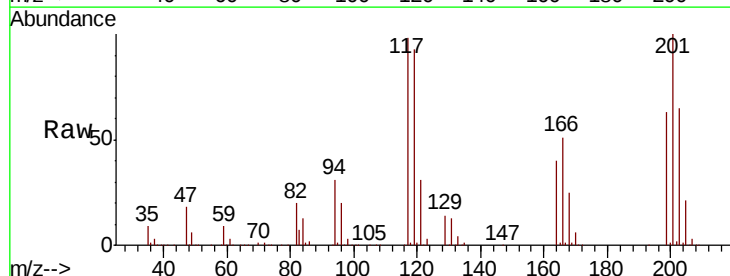


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

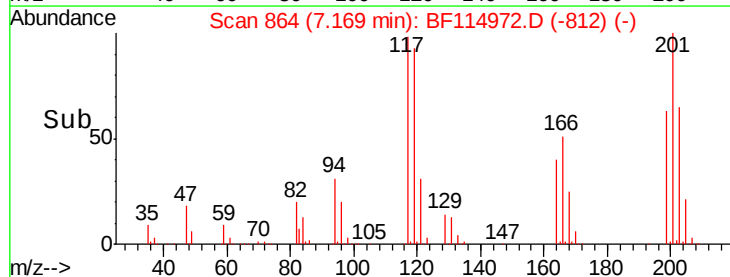
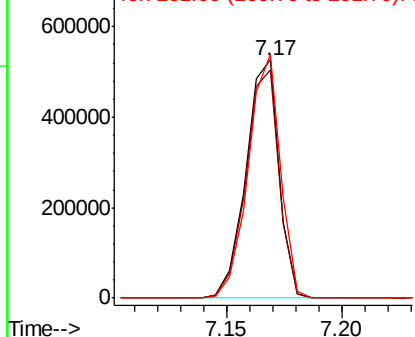


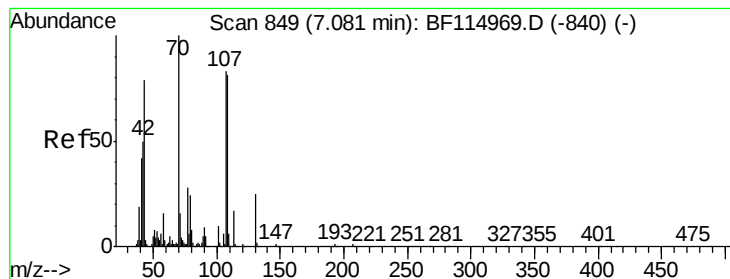
#18
Hexachloroethane
Concen: 77.372 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:117 Resp: 524939
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4
201 102.2 76.6 115.0



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: 75.682 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 791189

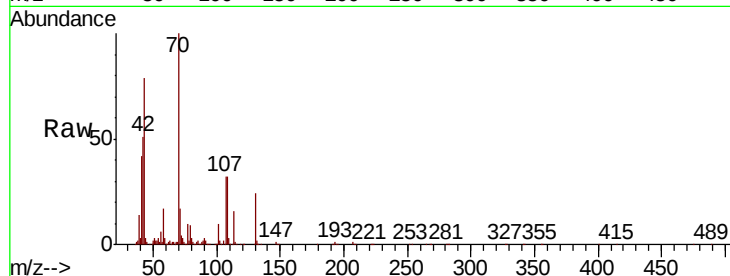
Ion Ratio Lower Upper

70 100

42 51.4 40.3 60.5

101 10.1 8.2 12.4

130 23.9 20.3 30.5



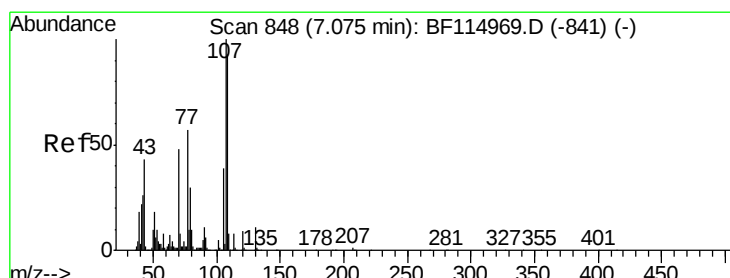
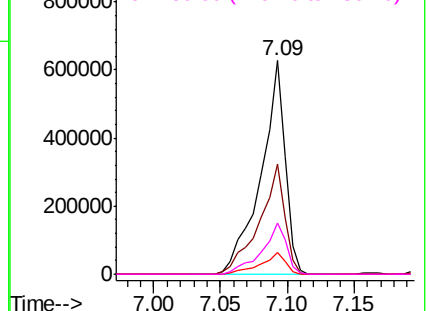
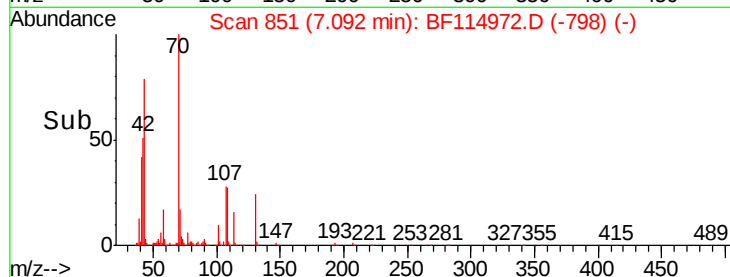
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 73.021 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Tgt Ion: 107 Resp: 1082906

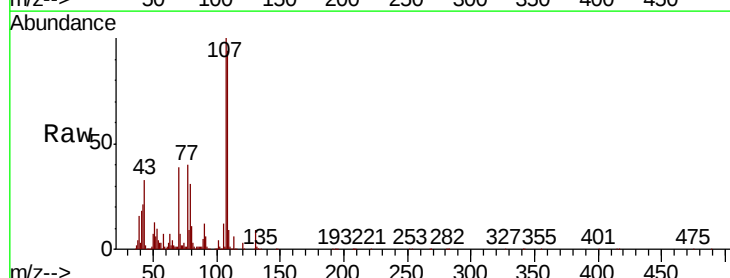
Ion Ratio Lower Upper

107 100

108 94.5 73.1 113.1

77 40.0 37.3 77.3

79 31.3 9.6 49.6



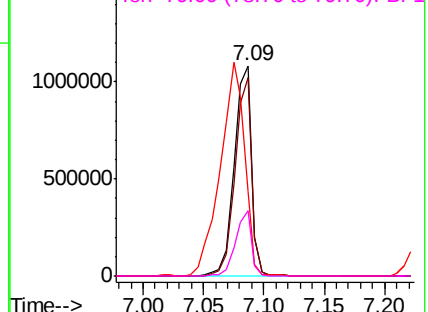
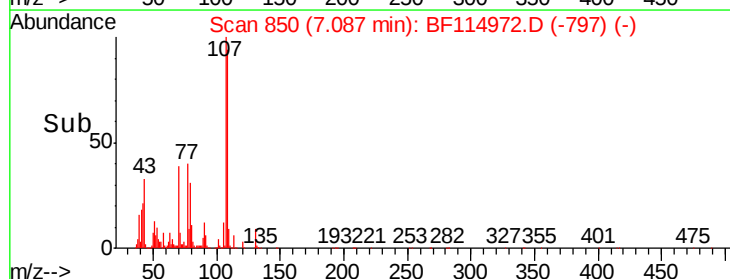
Abundance

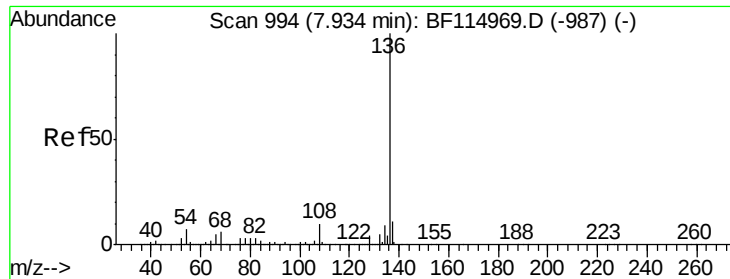
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

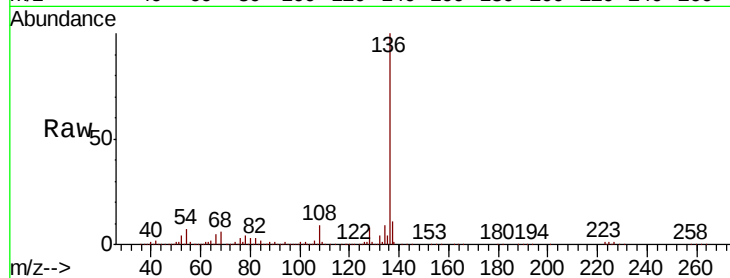




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 949317
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 6.8	5.4 8.0
68 5.9	4.6 7.0



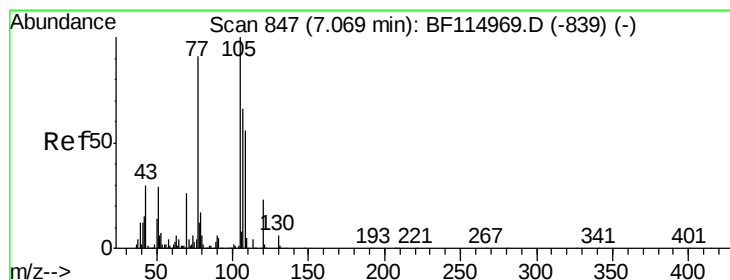
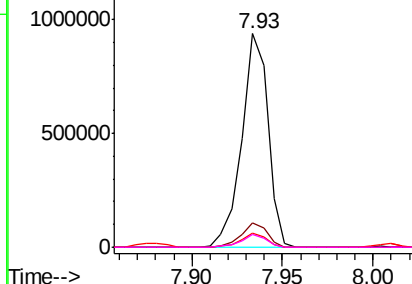
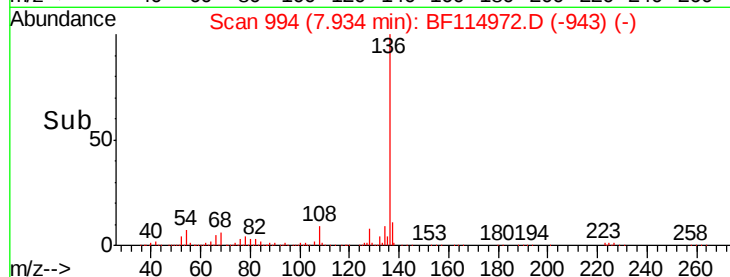
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

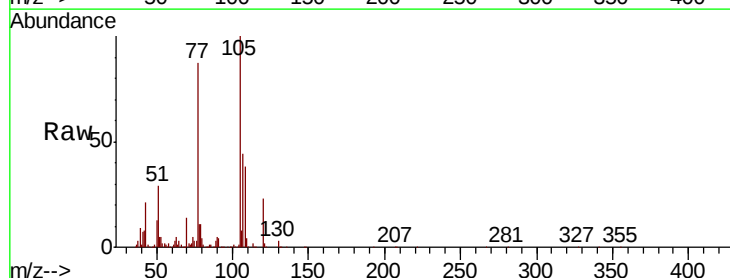
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 77.609 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt	Ion:105	Resp:	1649192
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.4	5.2#
51	28.8	23.3	34.9
120	23.0	18.8	28.2



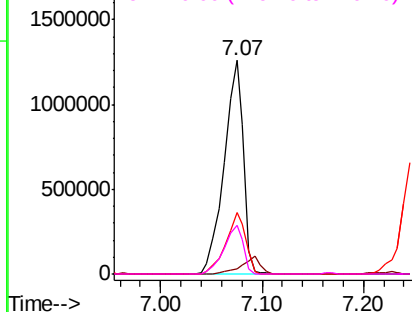
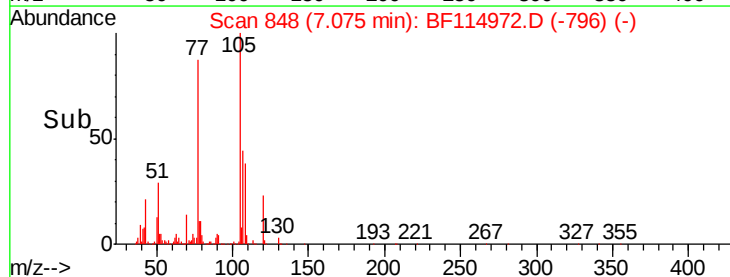
Abundance

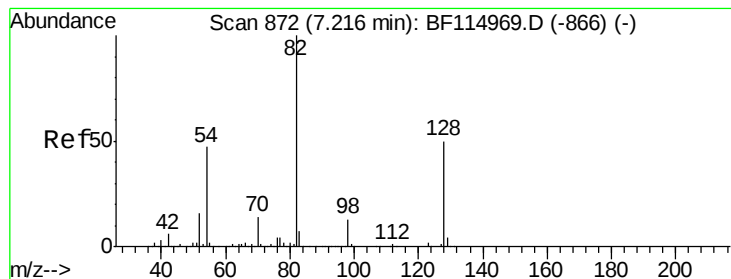
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 157.411 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

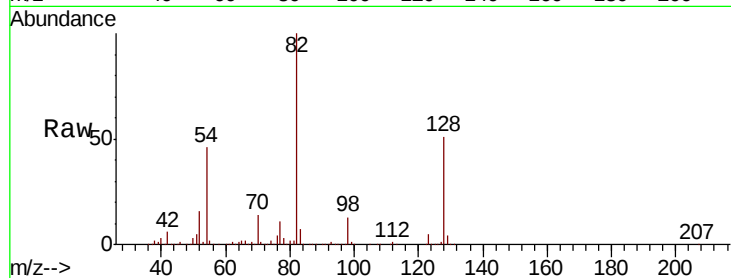
Tot Ion: 82 Resp: 2432094

Ion Ratio Lower Upper

82 100

128 51.0 39.9 59.9

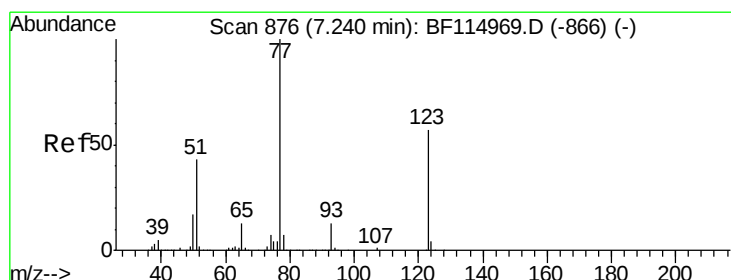
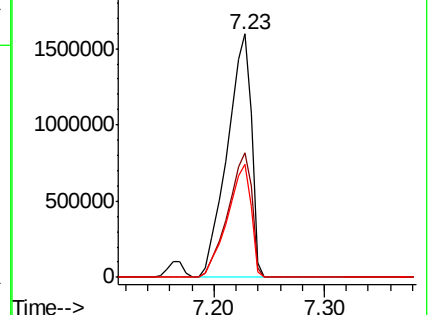
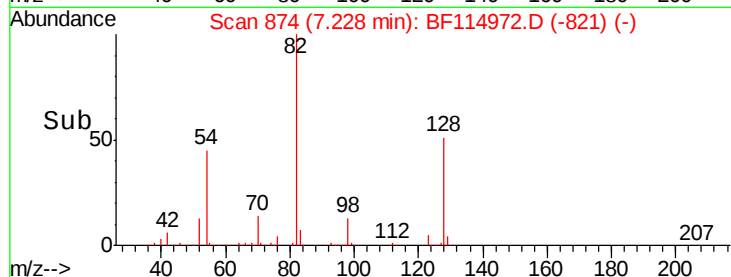
54 46.4 37.3 55.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 76.843 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

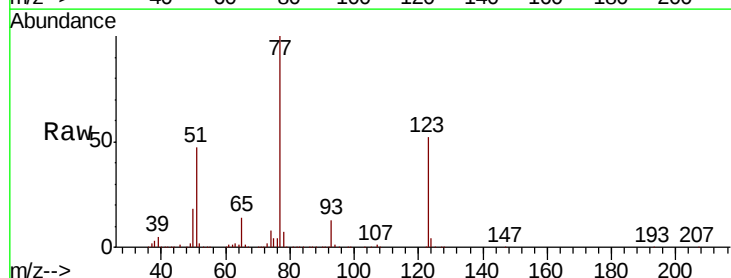
Tgt Ion: 77 Resp: 1235092

Ion Ratio Lower Upper

77 100

123 52.2 45.5 68.3

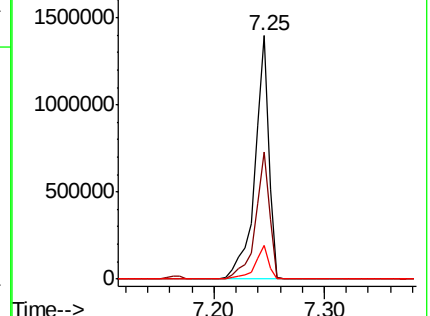
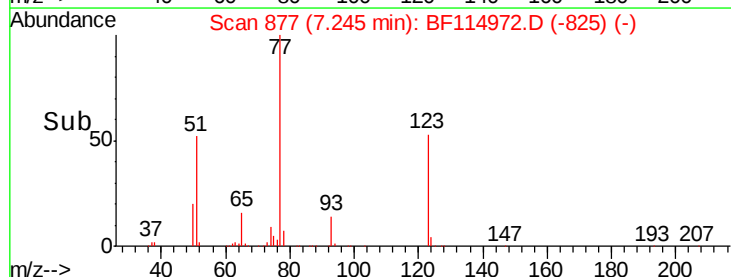
65 13.8 10.3 15.5

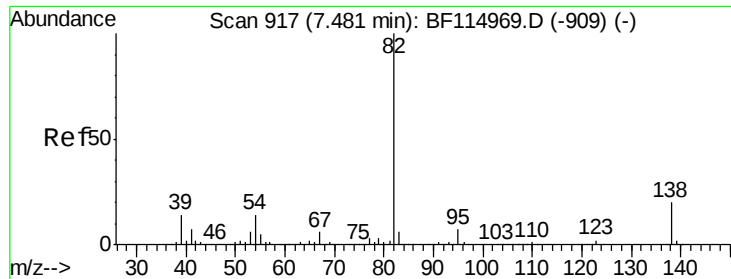


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

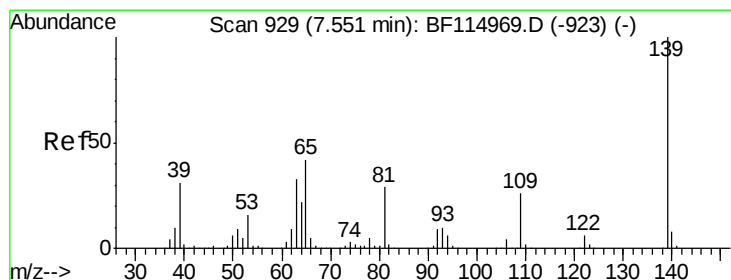
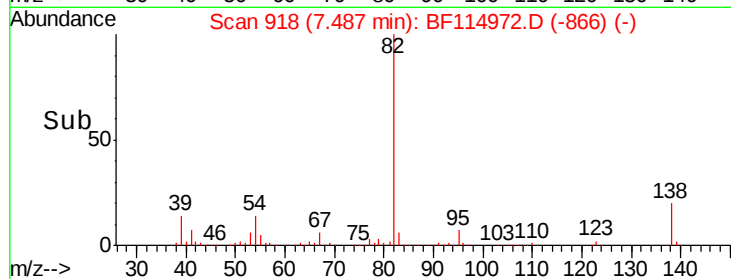
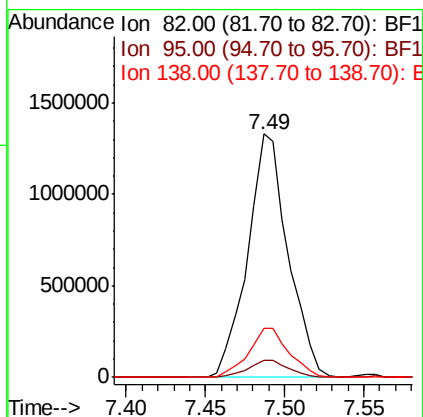
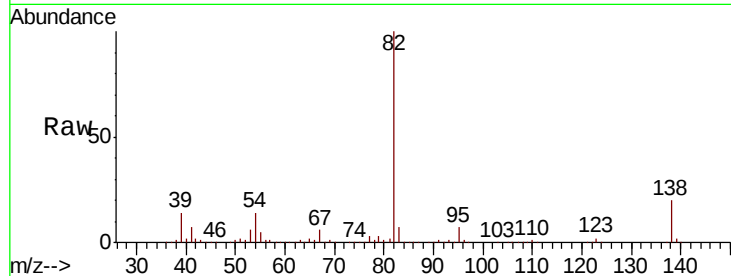




#25
Isophorone
Concen: 77.988 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

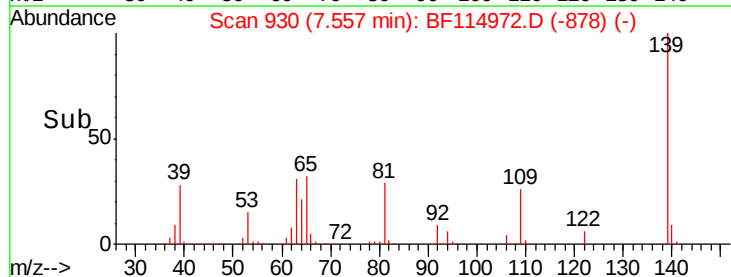
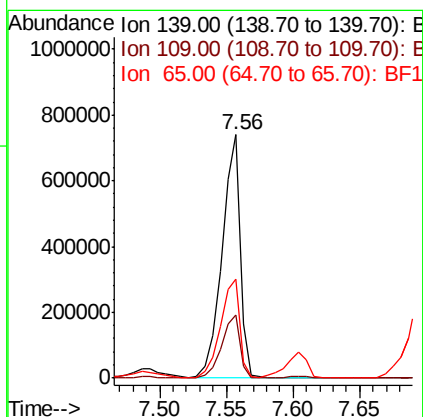
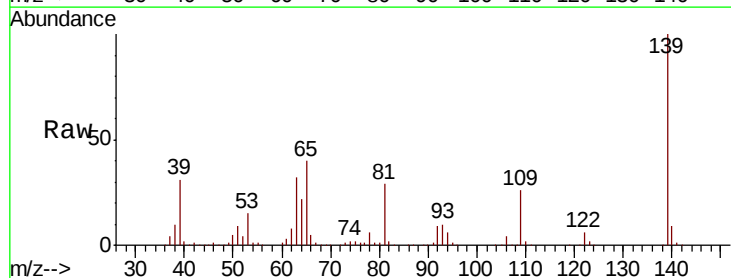
Instrument :
BNA_F
ClientSampleId :

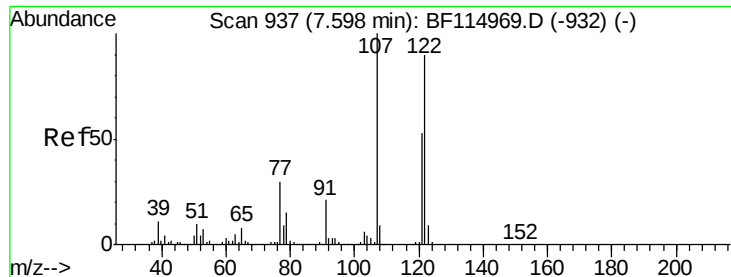
Tot Ion: 82 Resp: 2359571
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 20.3 16.1 24.1



#26
2-Nitrophenol
Concen: 79.948 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion: 139 Resp: 713897
Ion Ratio Lower Upper
139 100
109 26.0 20.8 31.2
65 40.5 33.4 50.2





#27

2,4-Dimethylphenol

Concen: 76.341 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF114972.D

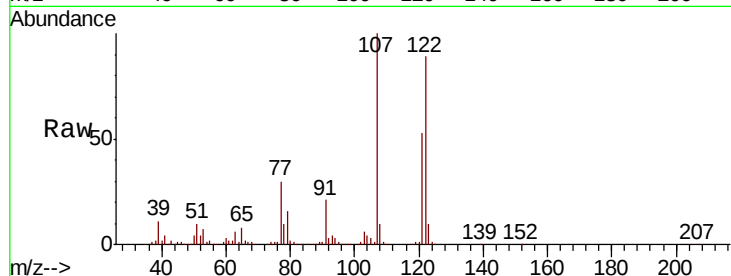
Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

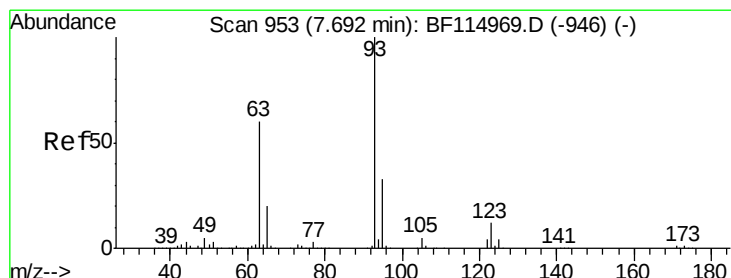
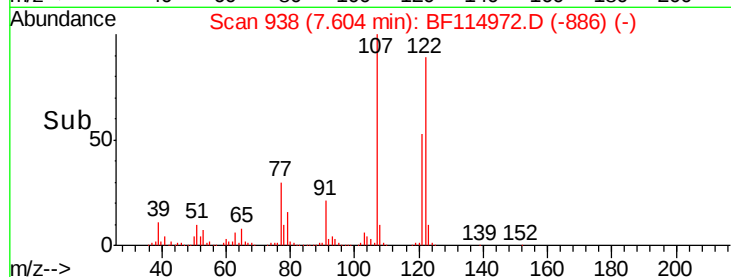
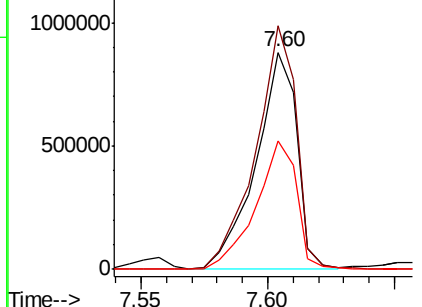
Tot Ion:	122	Resp:	997532
Ion	Ratio	Lower	Upper
122	100		
107	112.1	88.8	133.2
121	59.0	47.4	71.0



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: 75.377 ng

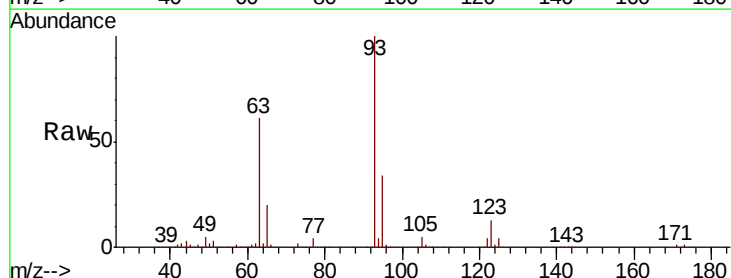
RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

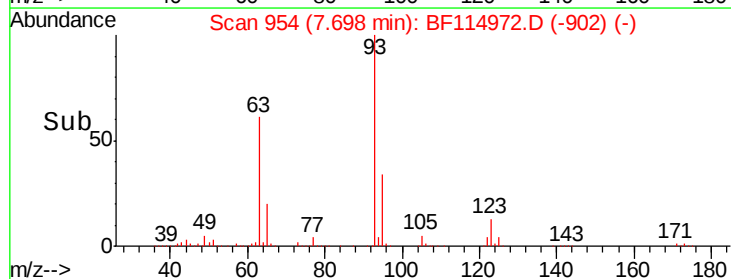
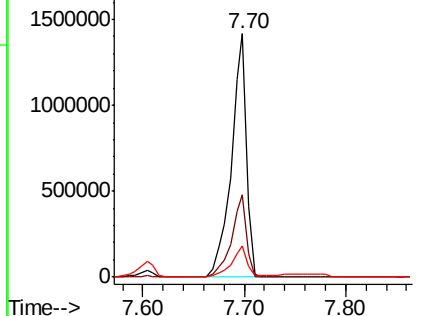
Tgt Ion:	93	Resp:	1458906
Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.6	40.0
123	12.5	9.9	14.9

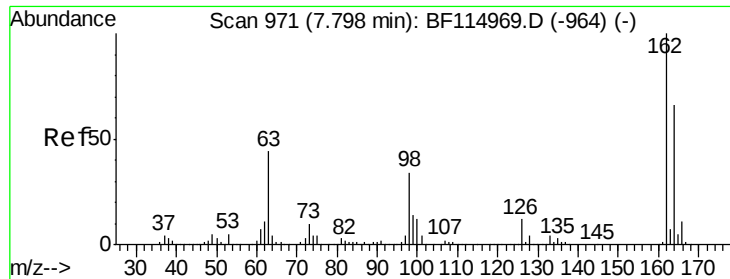


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

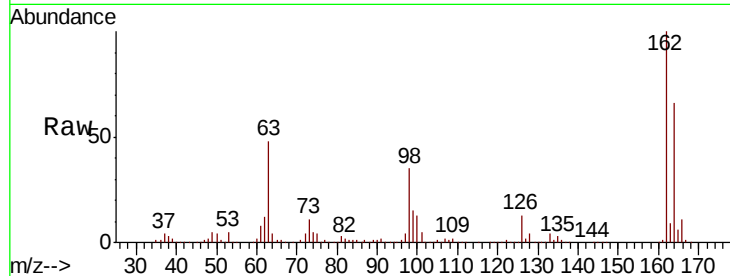




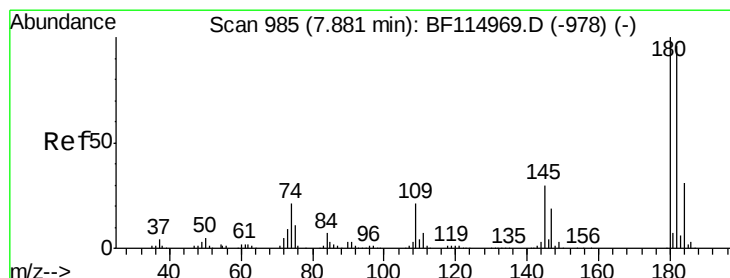
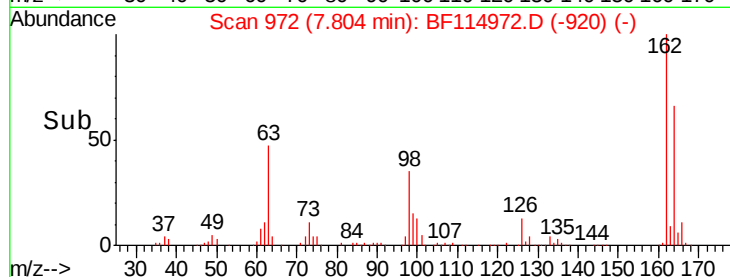
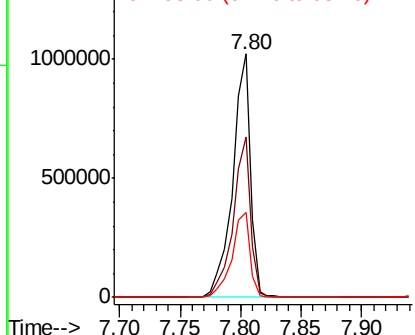
#29
 2,4-Dichlorophenol
 Concen: 76.852 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1051634
 Ion Ratio Lower Upper
 162 100
 164 65.9 45.7 85.7
 98 35.0 14.0 54.0

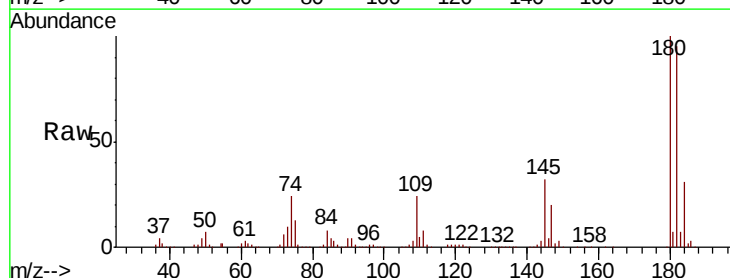


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

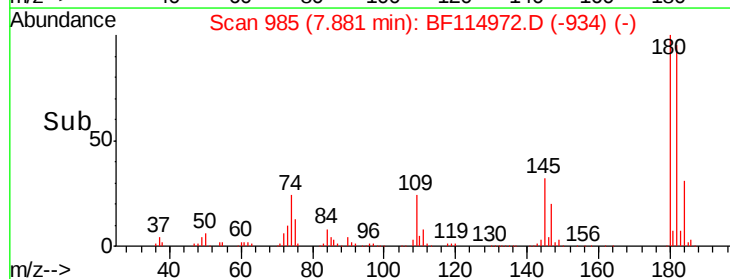
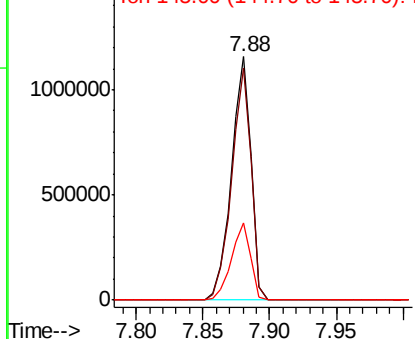


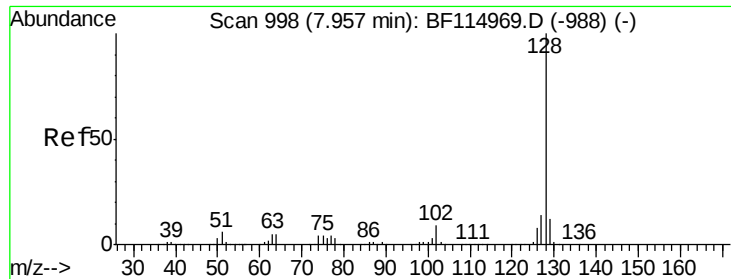
#30
 1,2,4-Trichlorobenzene
 Concen: 76.291 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:180 Resp: 1198081
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 145 31.9 24.1 36.1



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

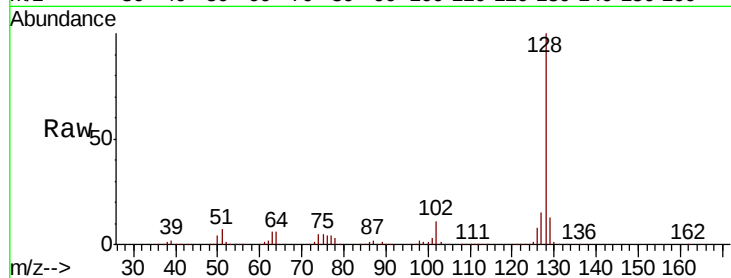




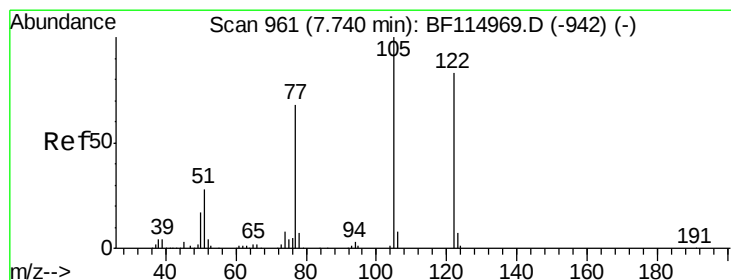
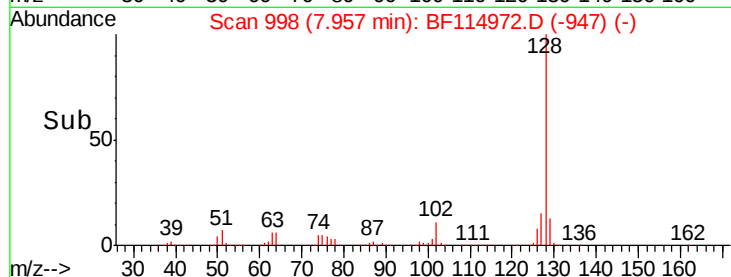
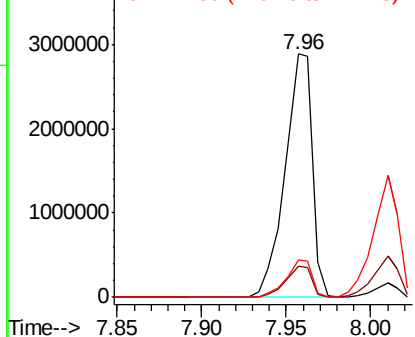
#31
Naphthalene
Concen: 74.514 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3259427
Ion Ratio Lower Upper
128 100
129 13.0 9.5 14.3
127 15.2 11.5 17.3

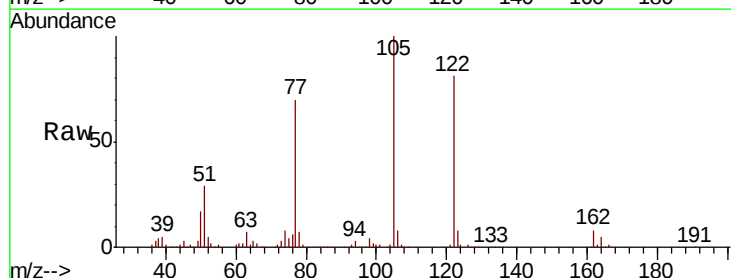


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

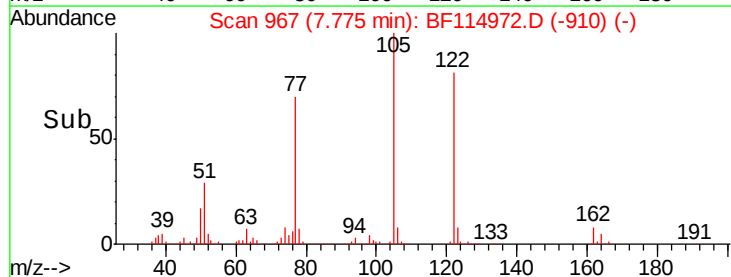
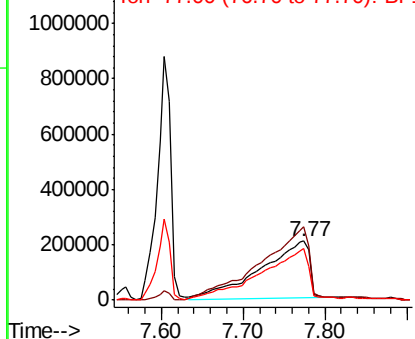


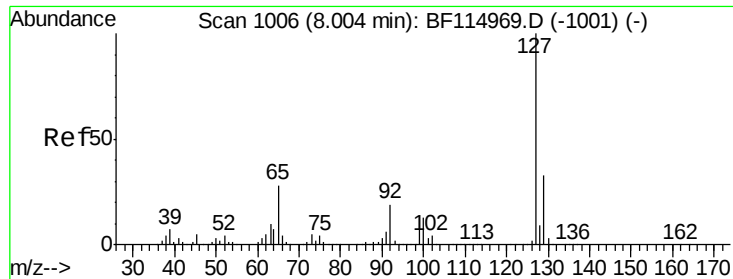
#32
Benzoic acid
Concen: 87.291 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.04 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:122 Resp: 851996
Ion Ratio Lower Upper
122 100
105 123.4 98.6 138.6
77 86.9 60.9 100.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

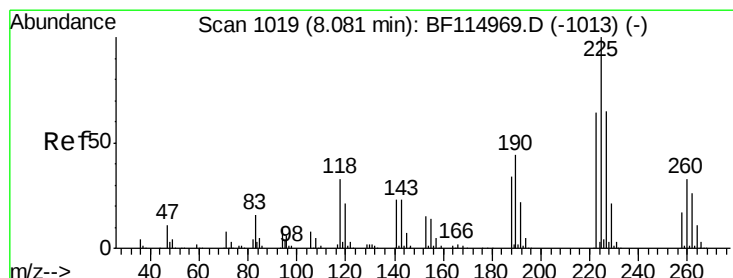
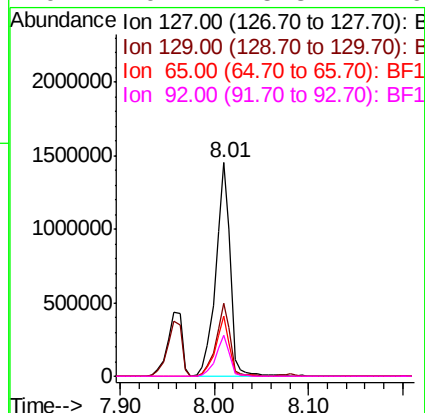
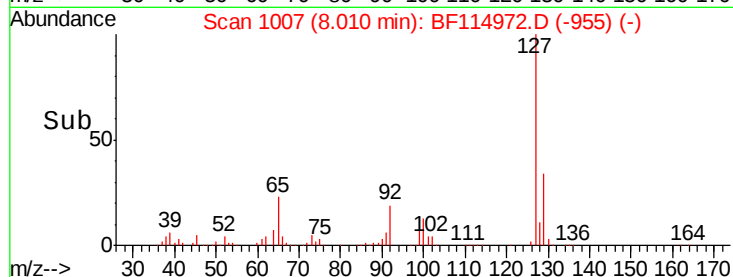
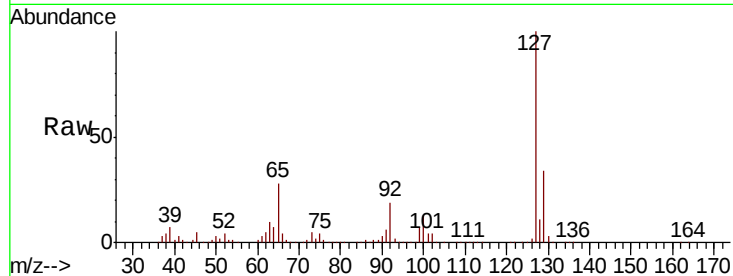




#33
4-Chloroaniline
Concen: 76.213 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

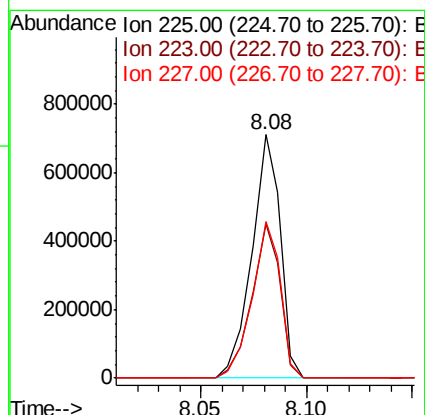
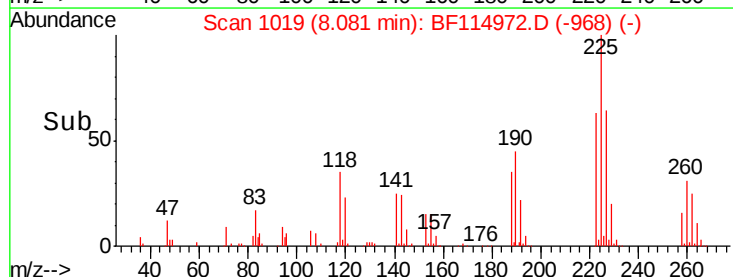
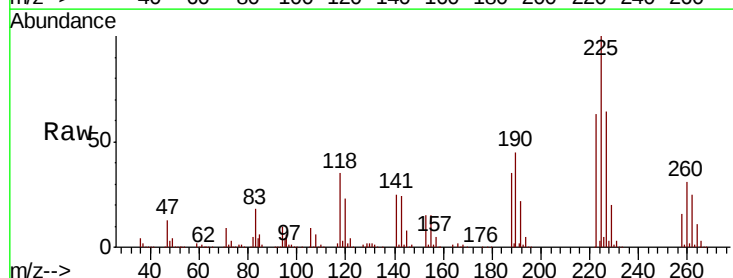
Instrument :
BNA_F
ClientSampleId :

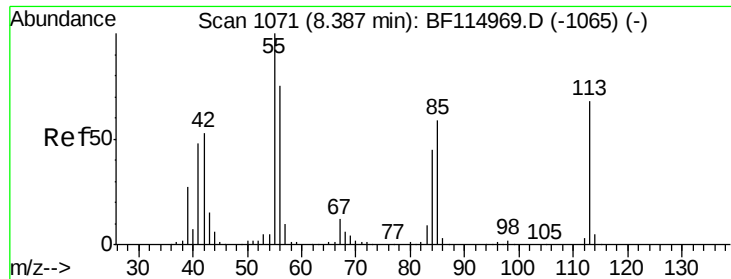
Tot Ion:	127	Resp:	1573201
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.1	39.1
65	28.3	22.3	33.5
92	19.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 75.700 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:	225	Resp:	666771
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	64.3	51.7	77.5

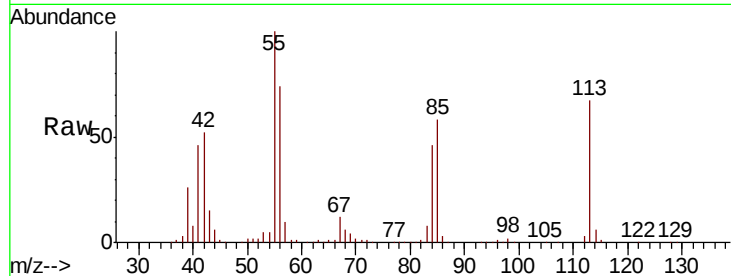




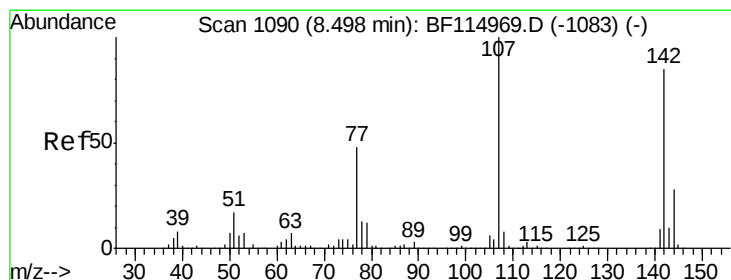
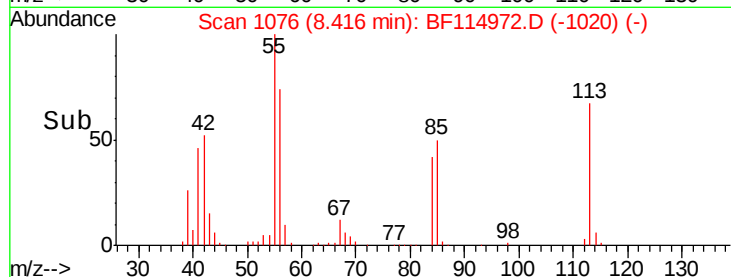
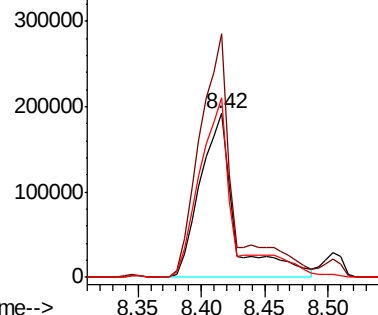
#35
Caprolactam
Concen: 78.600 ng
RT: 8.42 min Scan# 1076
Delta R.T. 0.03 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 362306
Ion Ratio Lower Upper
113 100
55 148.5 127.3 167.3
56 109.6 90.6 130.6

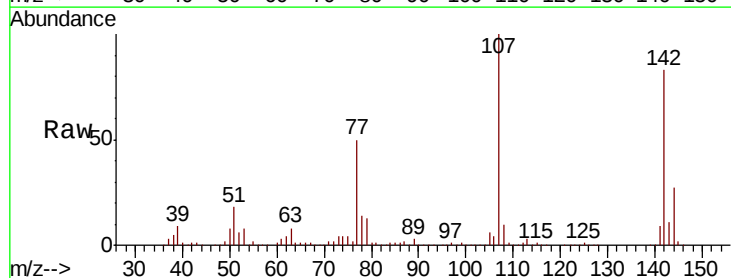


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

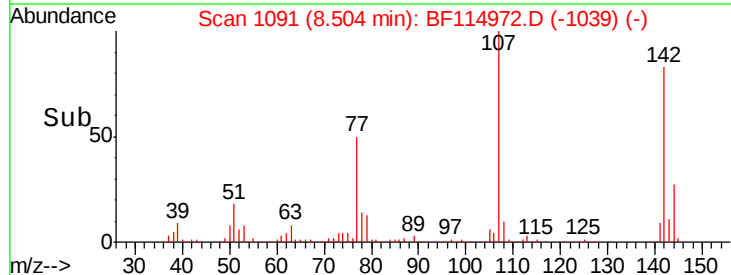
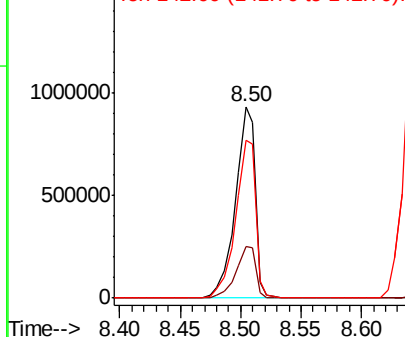


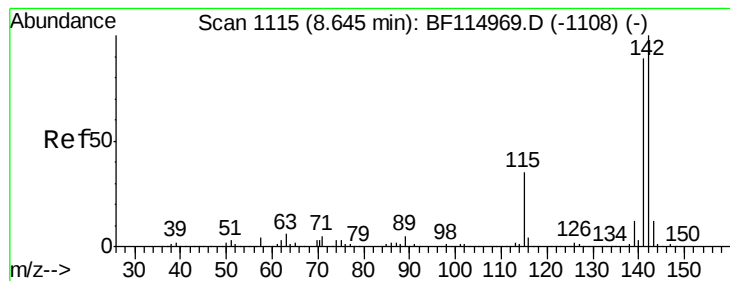
#36
4-Chloro-3-methylphenol
Concen: 77.041 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:107 Resp: 1070760
Ion Ratio Lower Upper
107 100
144 26.9 22.0 33.0
142 82.6 68.2 102.4



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: 73.617 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

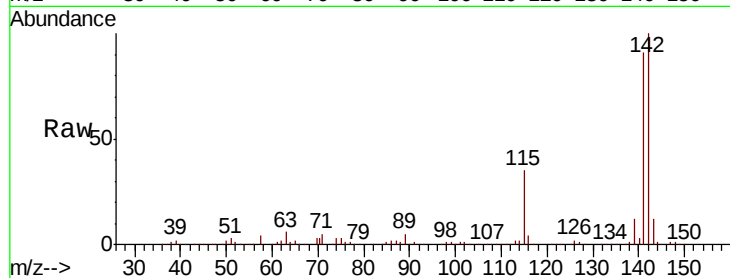
Tot Ion:142 Resp: 2188223

Ion Ratio Lower Upper

142 100

141 90.8 71.0 106.6

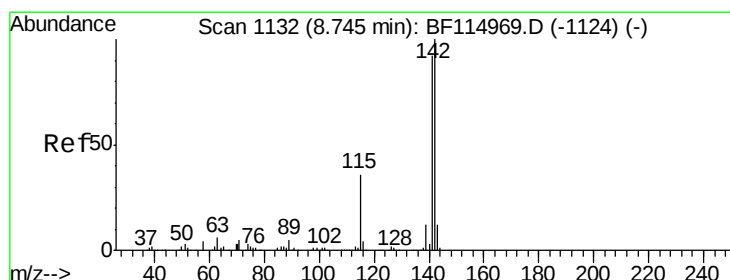
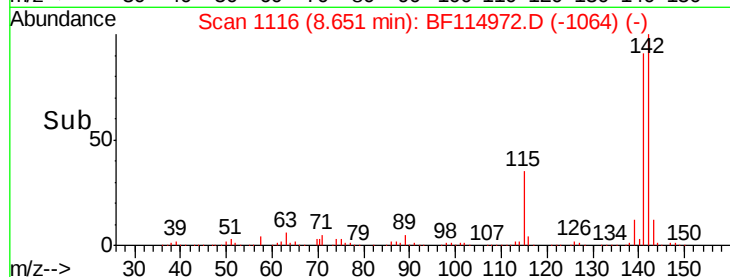
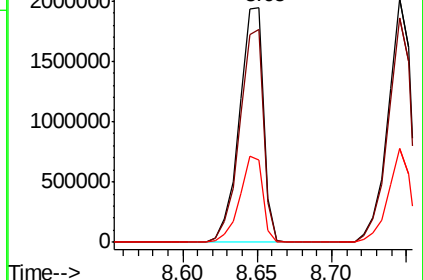
115 34.9 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 73.453 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

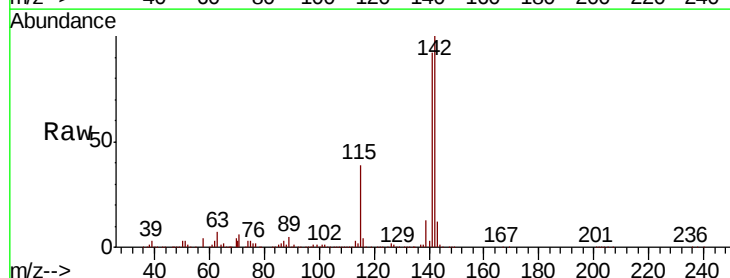
Tgt Ion:142 Resp: 2064965

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.8

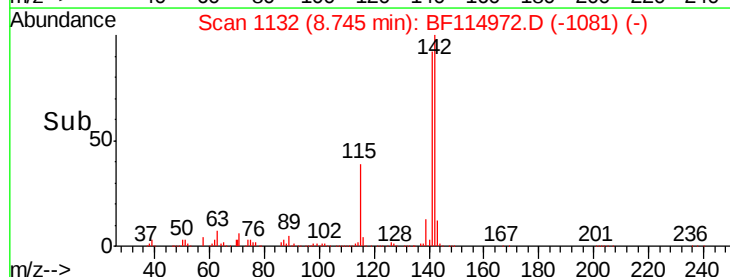
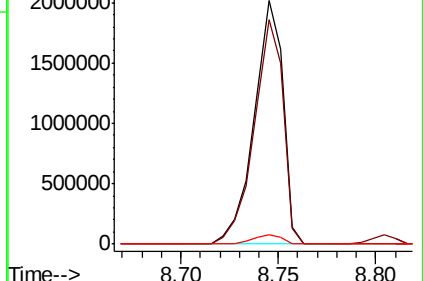
116 4.1 2.9 4.3

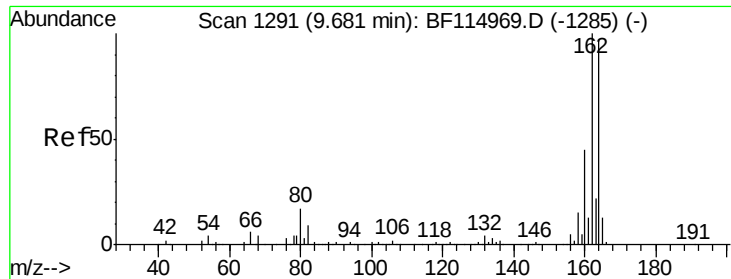


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

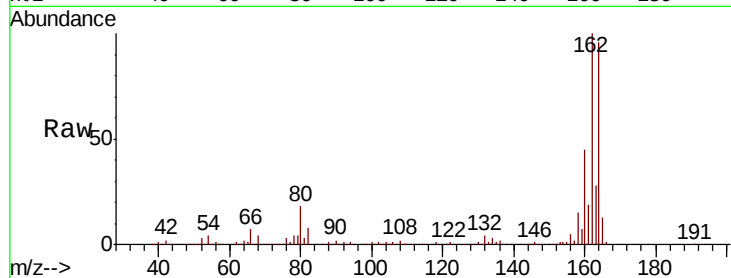




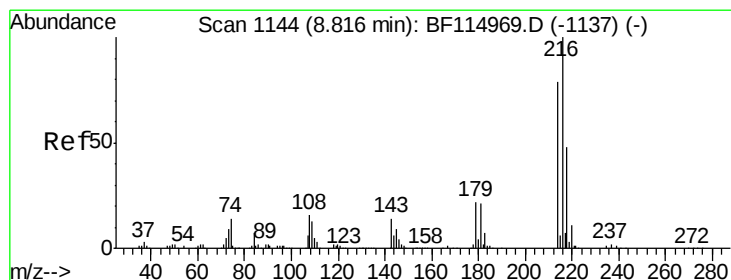
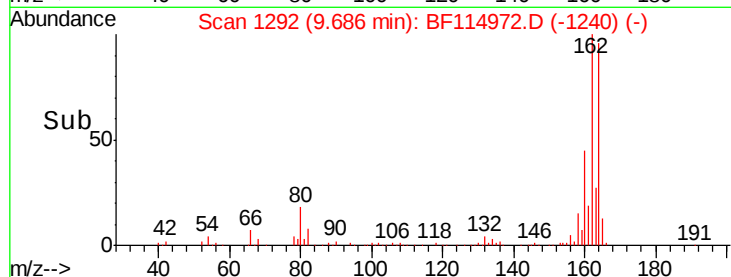
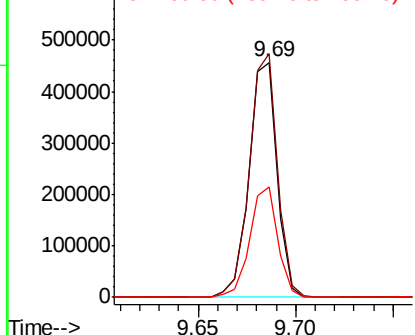
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 454139
Ion Ratio Lower Upper
164 100
162 103.7 82.6 124.0
160 46.8 36.9 55.3

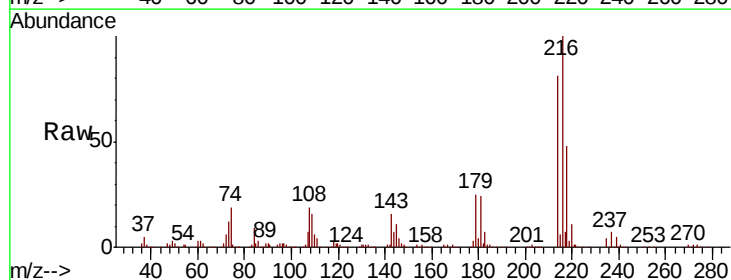


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

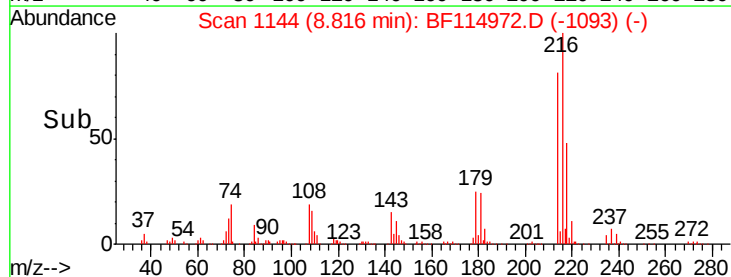
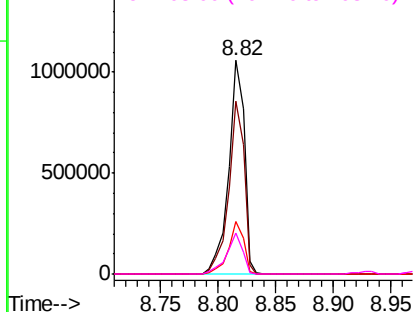


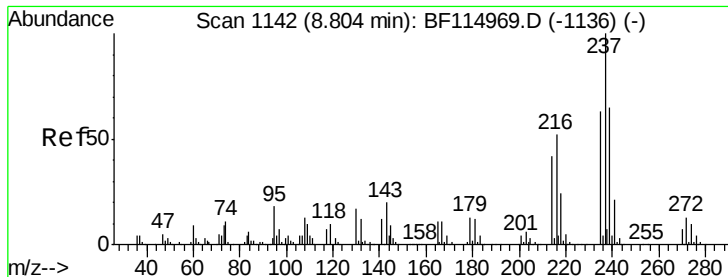
#40
1,2,4,5-Tetrachlorobenzene
Concen: 76.076 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:216 Resp: 993337
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 23.4 18.2 27.4
108 19.4 15.0 22.6



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





#41

Hexachlorocyclopentadiene

Concen: 73.849 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

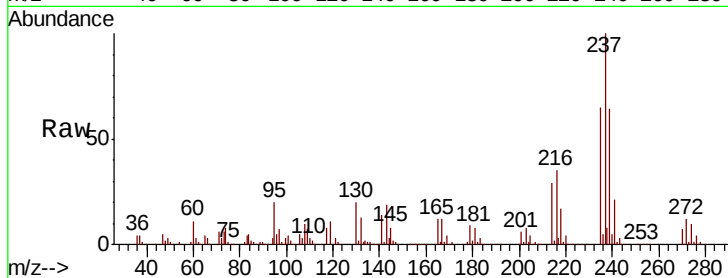
Tot Ion:237 Resp: 548105

Ion Ratio Lower Upper

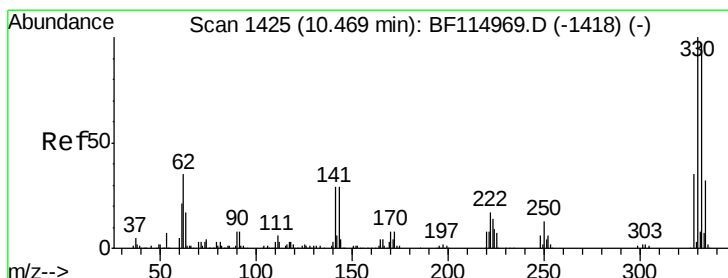
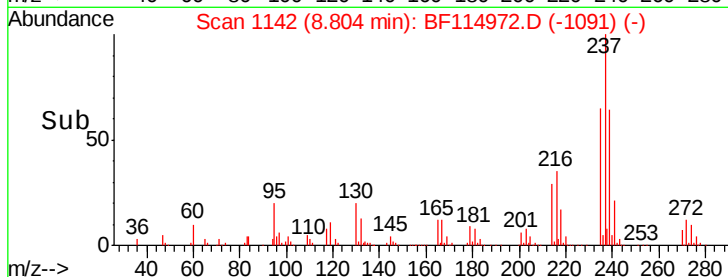
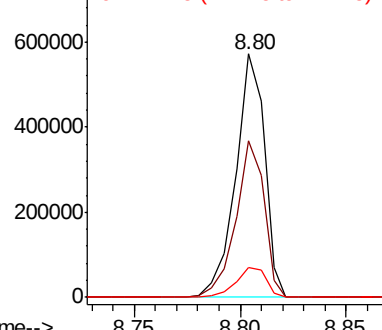
237 100

235 64.5 42.7 82.7

272 12.5 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 147.065 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

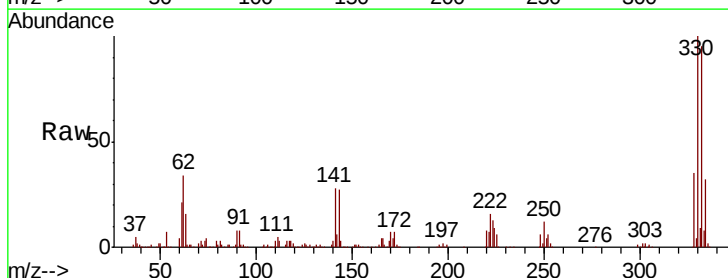
Tgt Ion:330 Resp: 726524

Ion Ratio Lower Upper

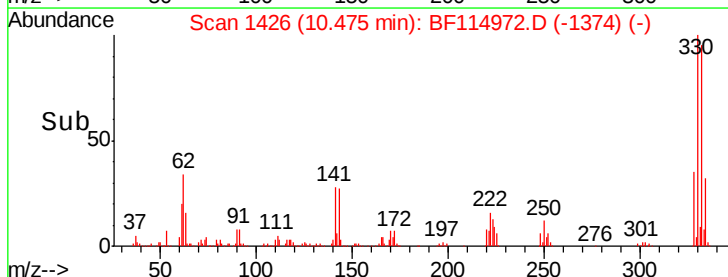
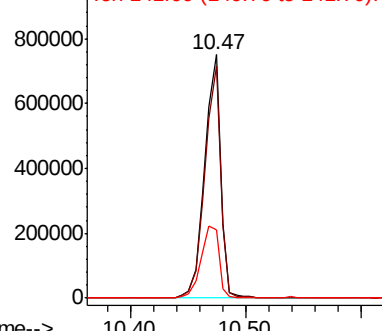
330 100

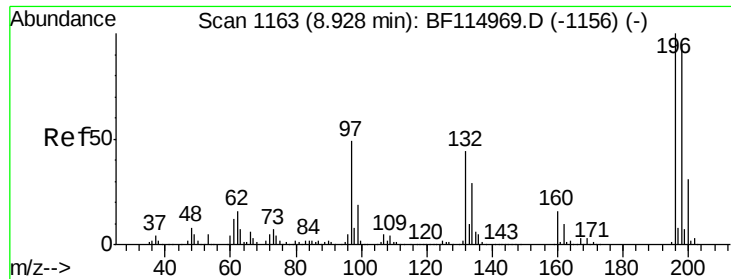
332 95.3 77.6 116.4

141 33.1 27.2 40.8



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

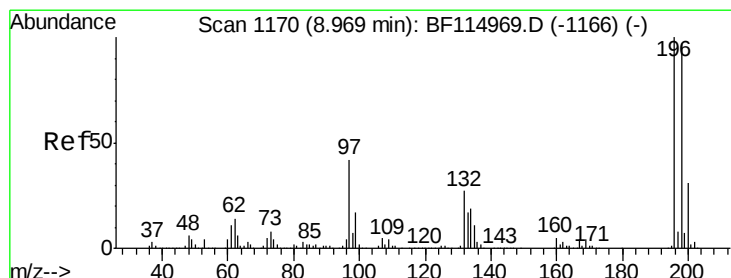
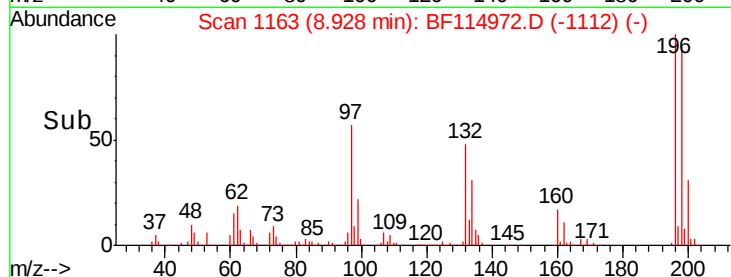
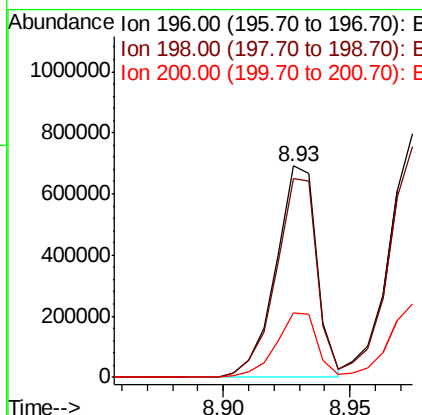
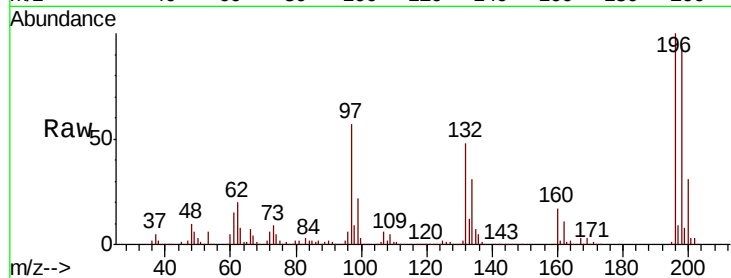




#43
 2,4,6-Trichlorophenol
 Concen: 78.237 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

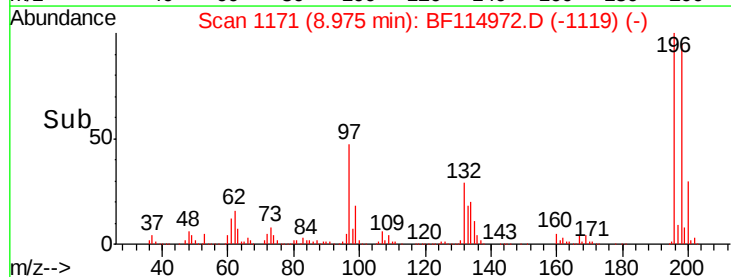
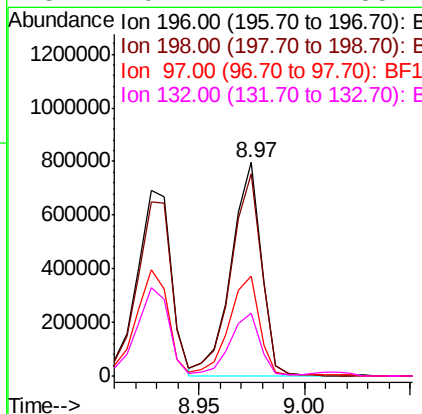
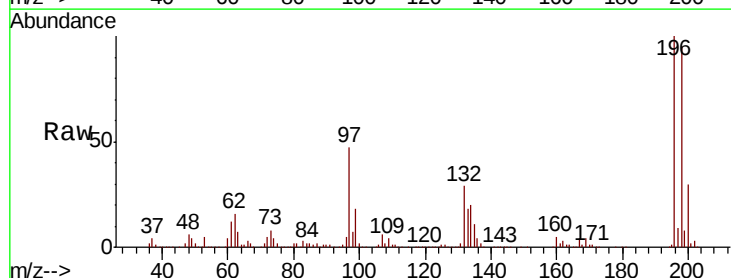
Instrument :
 BNA_F
 ClientSampleId :

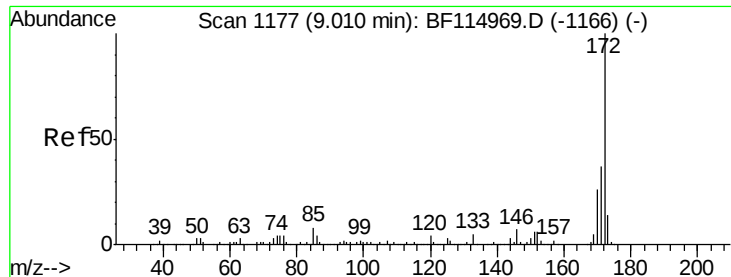
Tot Ion:196 Resp: 775704
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.8 113.8
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 76.809 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:196 Resp: 785237
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.3 115.9
 97 46.5 34.2 51.4
 132 29.4 22.1 33.1

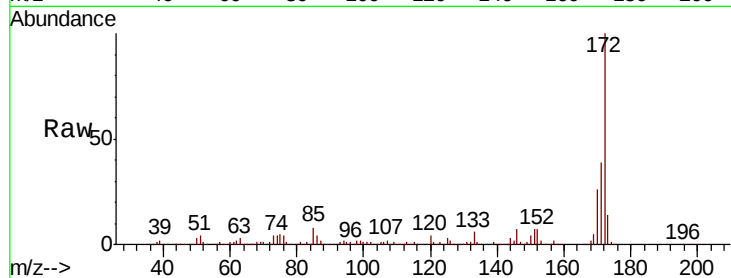




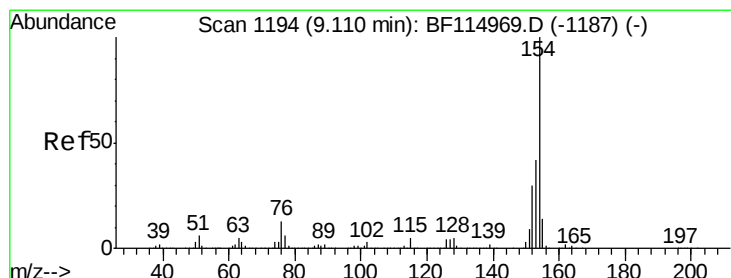
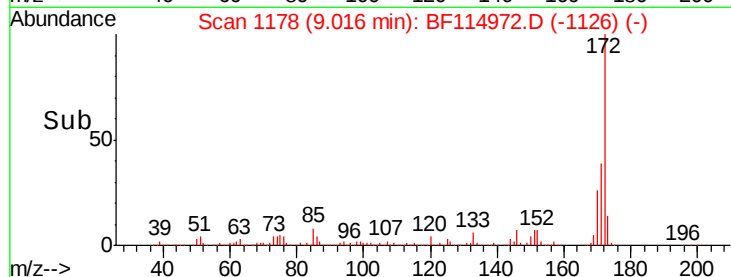
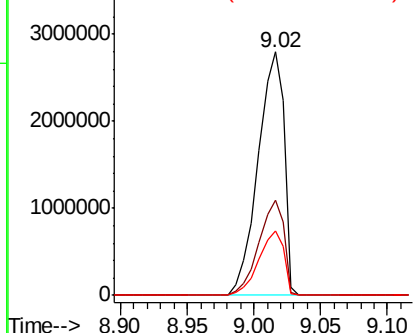
#45
 2-Fluorobiphenyl
 Concen: 131.345 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3758440
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.8 44.6
 170 26.3 20.6 31.0

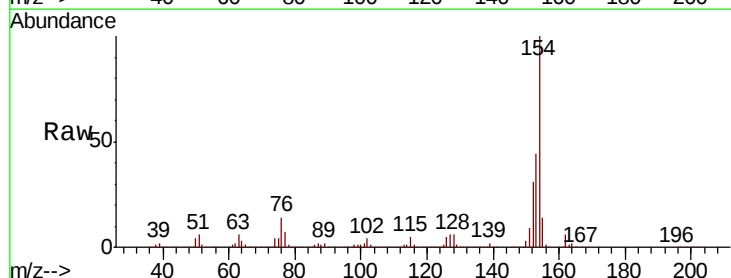


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

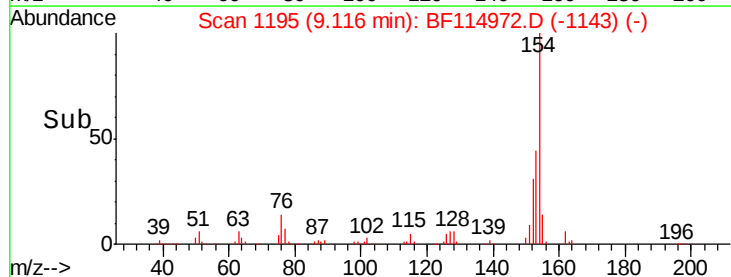
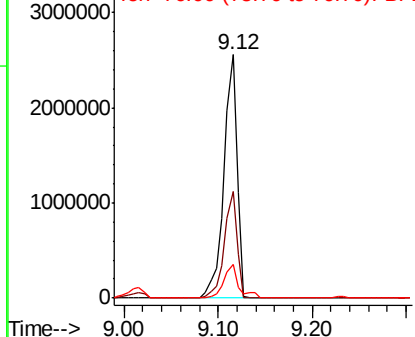


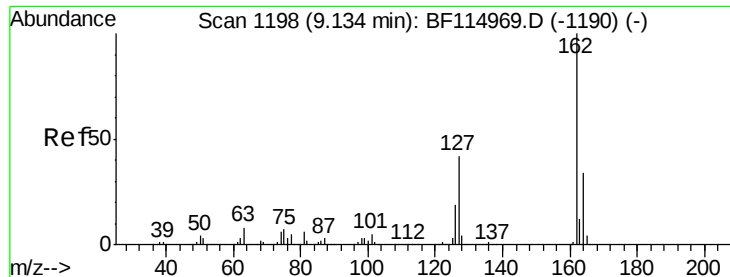
#46
 1,1'-Biphenyl
 Concen: 73.534 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:154 Resp: 2498364
 Ion Ratio Lower Upper
 154 100
 153 43.8 22.4 62.4
 76 14.0 0.0 33.3



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): BF1

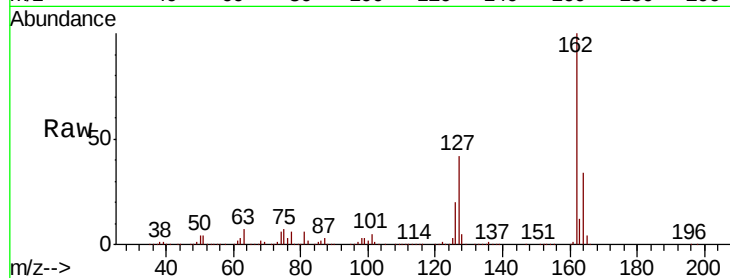




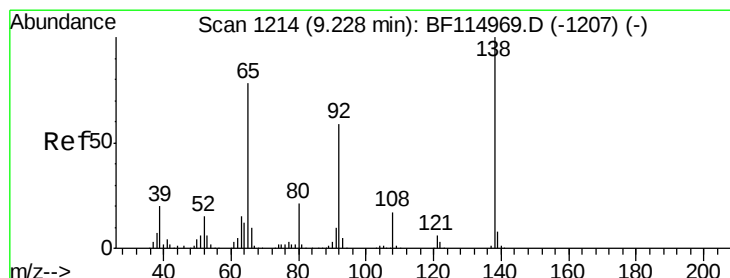
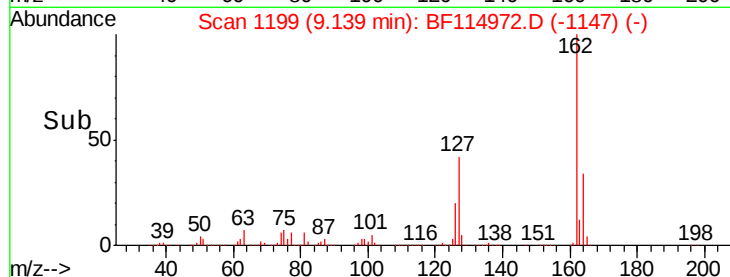
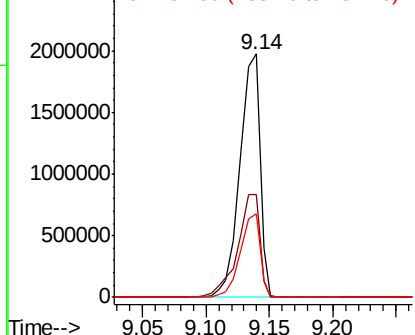
#47
2-Chloronaphthalene
Concen: 75.650 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 2169738
Ion Ratio Lower Upper
162 100
127 42.3 33.4 50.2
164 34.3 27.2 40.8

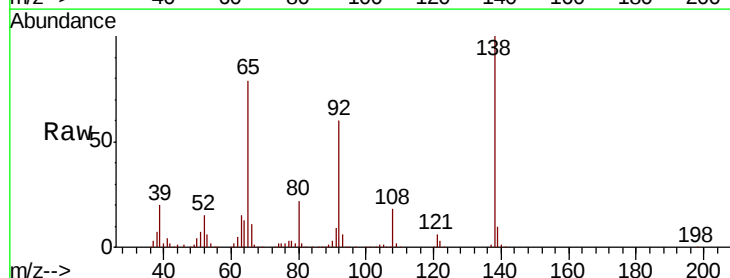


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

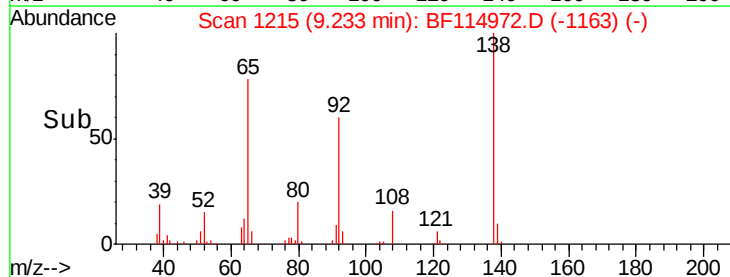
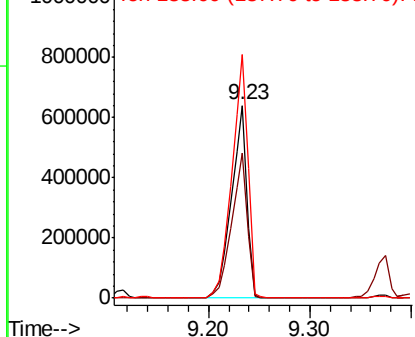


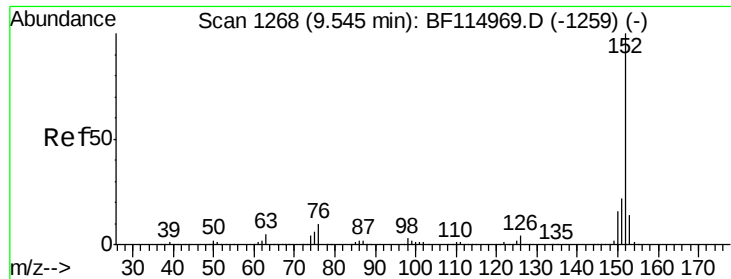
#48
2-Nitroaniline
Concen: 77.997 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion: 65 Resp: 680941
Ion Ratio Lower Upper
65 100
92 75.4 60.5 90.7
138 126.5 102.0 153.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 73.007 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

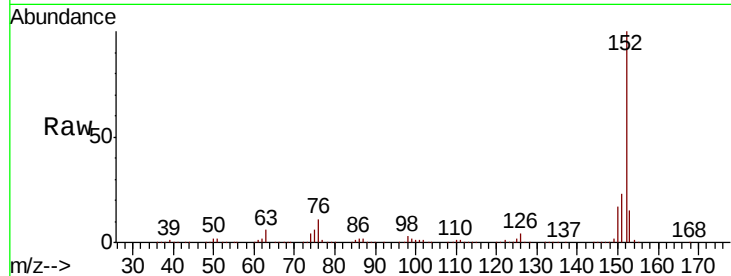
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3085669

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.5	26.3
153	14.7	11.2	16.8

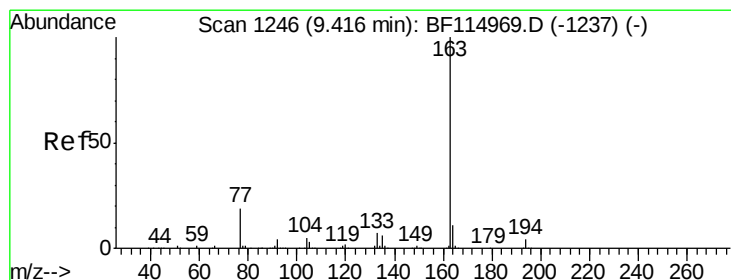
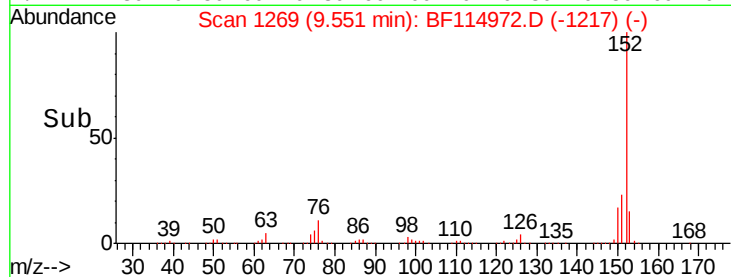
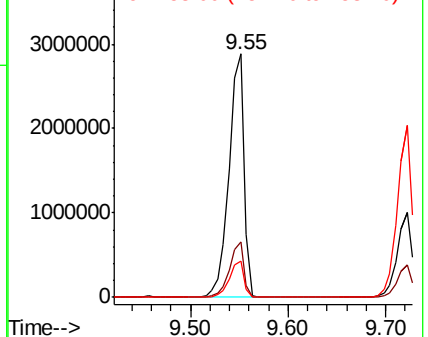


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 76.879 ng

RT: 9.43 min Scan# 1248

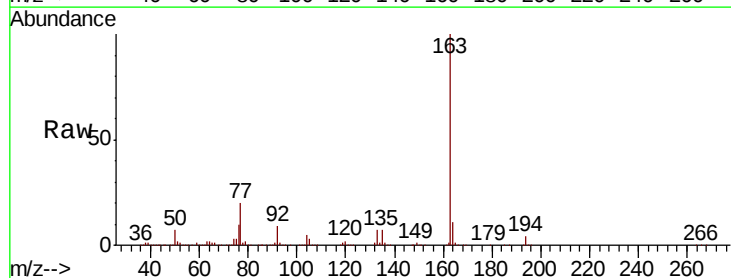
Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Tgt Ion:163 Resp: 2624087

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	11.0	8.6	12.8

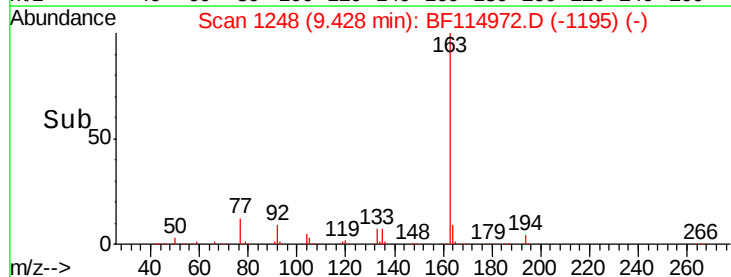
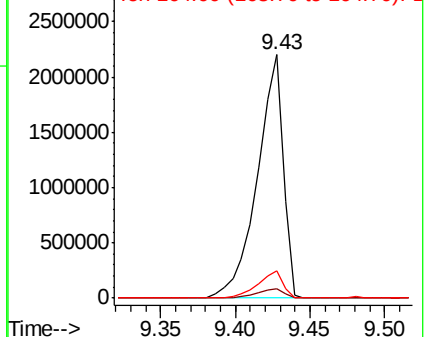


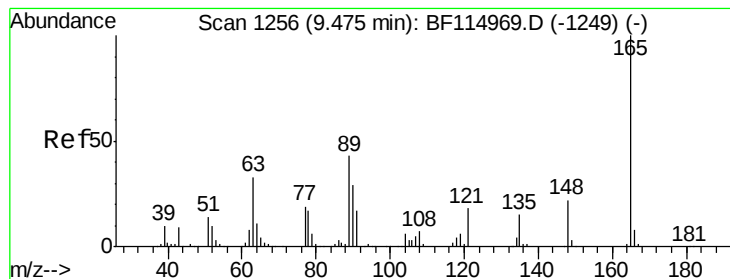
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 77.066 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampled :

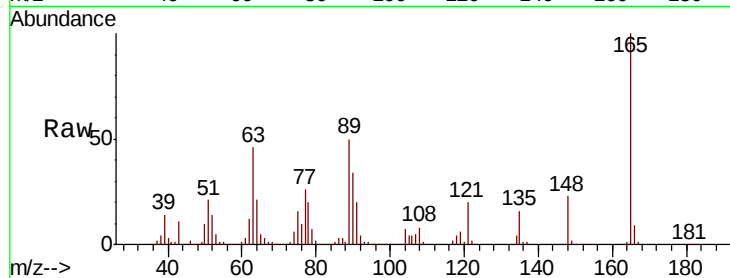
Tot Ion:165 Resp: 604180

Ion Ratio Lower Upper

165 100

63 45.7 30.6 46.0

89 49.8 34.4 51.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

800000

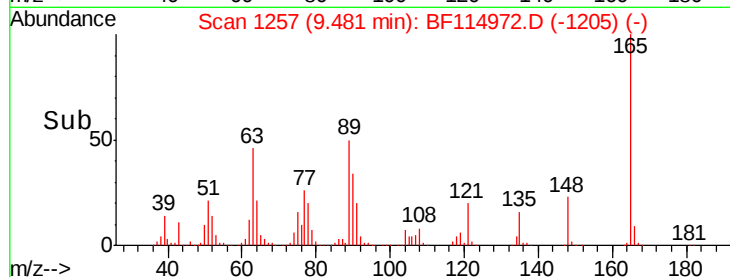
600000

400000

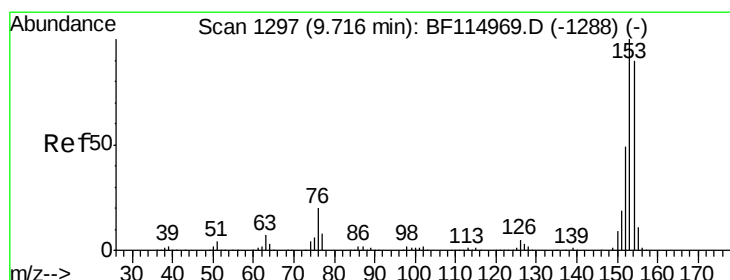
200000

0

9.40 9.45 9.50 9.55



Time-->



#52

Acenaphthene

Concen: 73.970 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

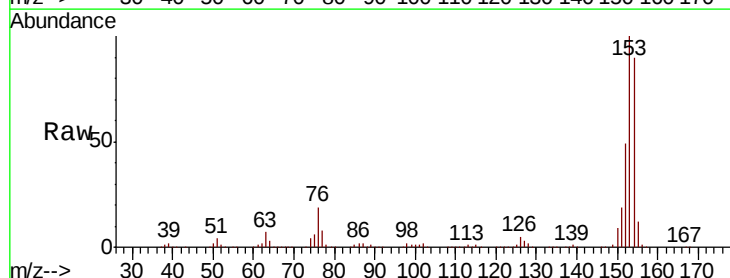
Tgt Ion:154 Resp: 1894031

Ion Ratio Lower Upper

154 100

153 111.3 88.5 132.7

152 55.1 43.6 65.4



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

2500000

2000000

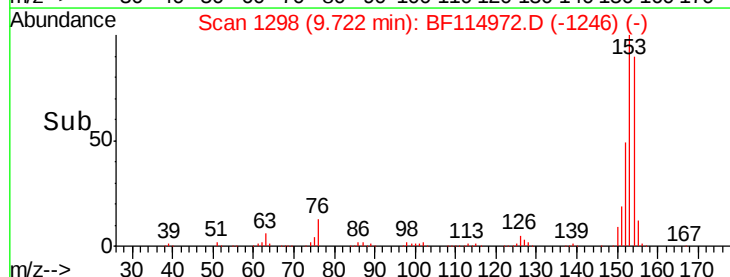
1500000

1000000

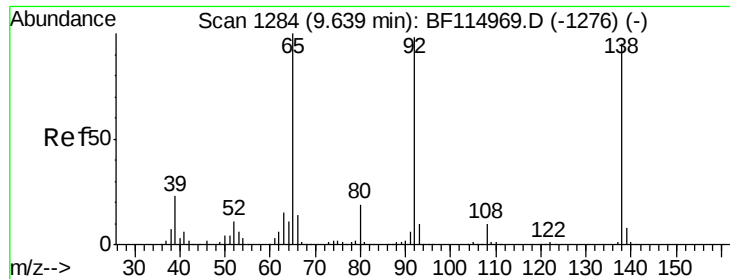
500000

0

9.65 9.70 9.75



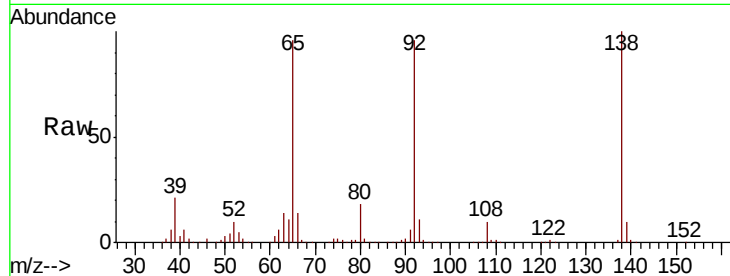
Time-->



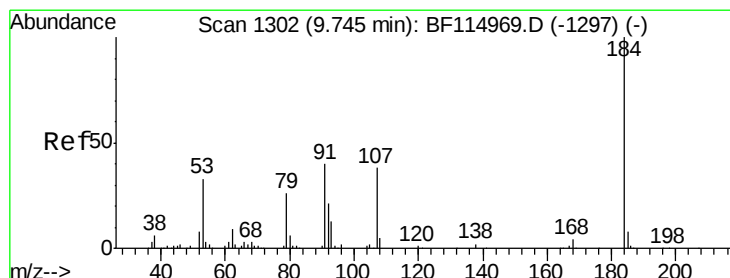
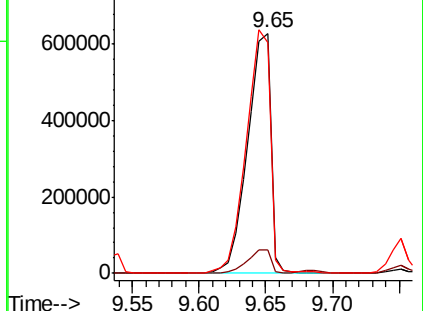
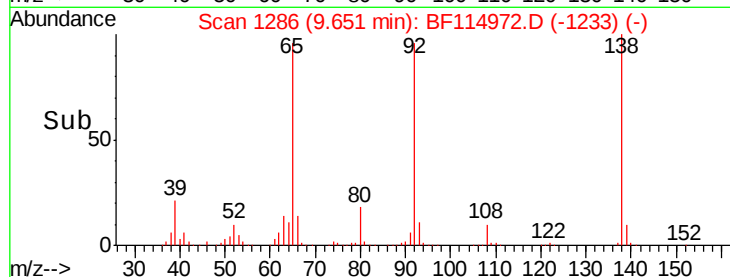
#53
3-Nitroaniline
Concen: 79.668 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 750008
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 96.1 82.4 123.6

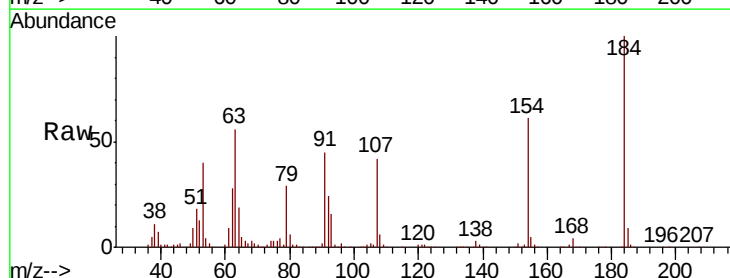


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

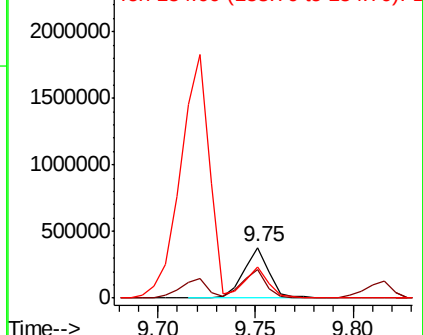
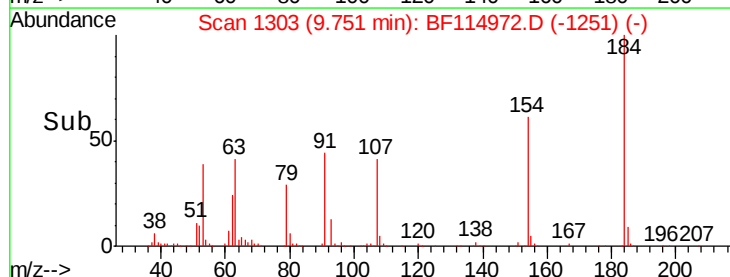


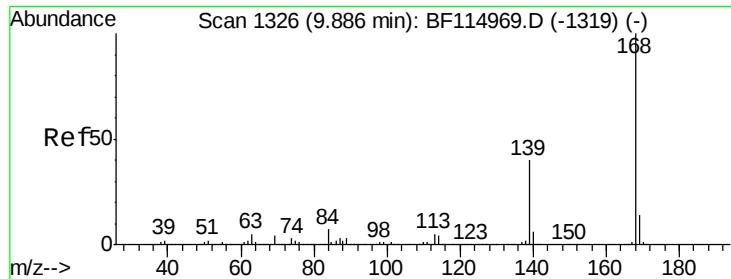
#54
2,4-Dinitrophenol
Concen: 89.134 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:184 Resp: 345858
Ion Ratio Lower Upper
184 100
63 56.4 40.5 60.7
154 61.5 44.8 67.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

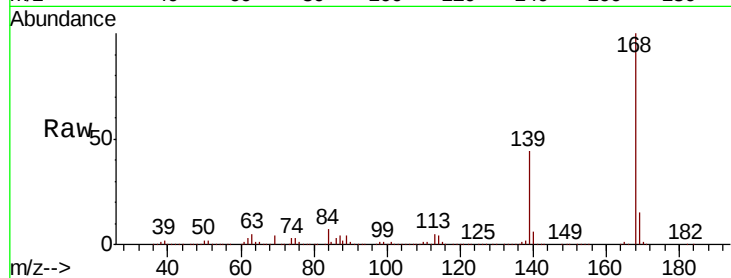




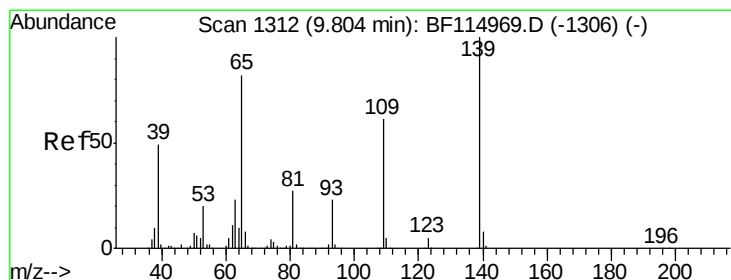
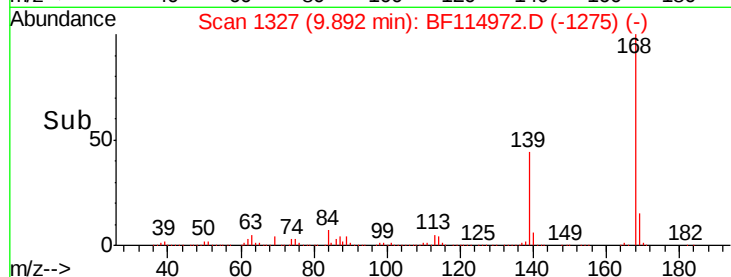
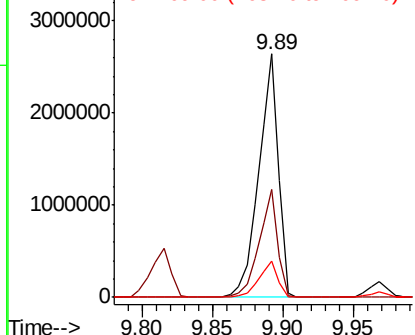
#55
Dibenzenofuran
Concen: 71.142 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2600358
Ion Ratio Lower Upper
168 100
139 44.2 32.5 48.7
169 14.9 11.5 17.3

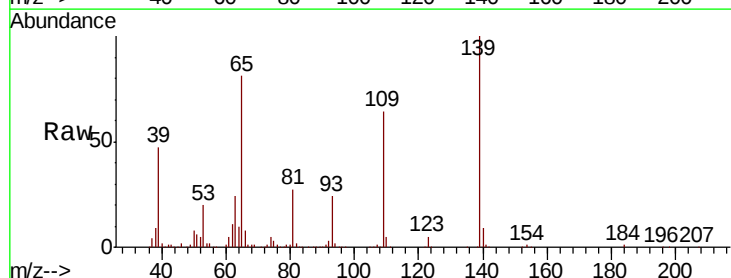


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

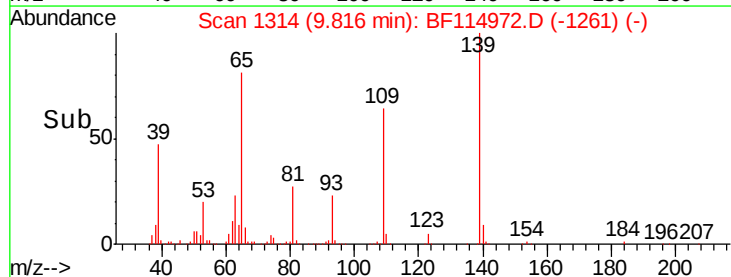
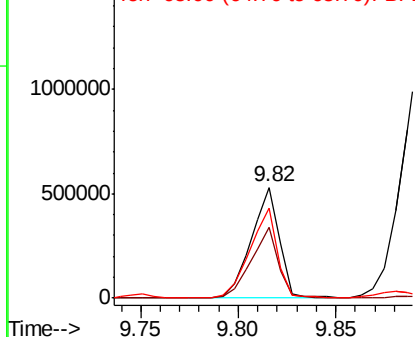


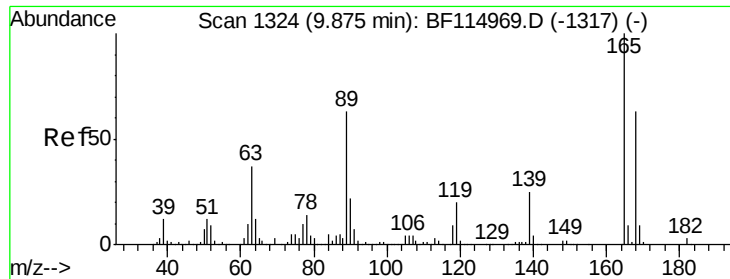
#56
4-Nitrophenol
Concen: 79.288 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:139 Resp: 531976
Ion Ratio Lower Upper
139 100
109 63.5 41.4 81.4
65 81.5 62.7 102.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

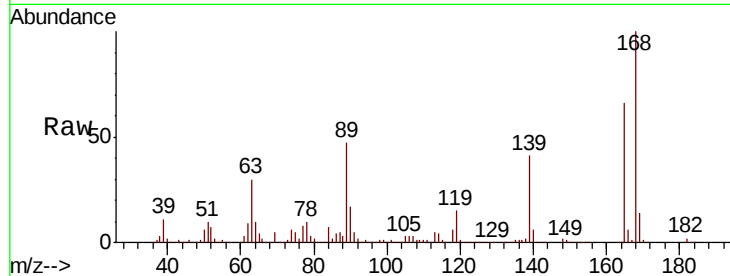




#57
2,4-Dinitrotoluene
Concen: 75.078 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	29.4	44.2#
89	71.9	50.6	75.8
182	2.7	2.2	3.2



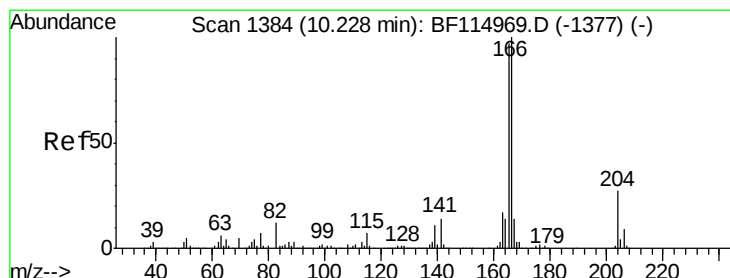
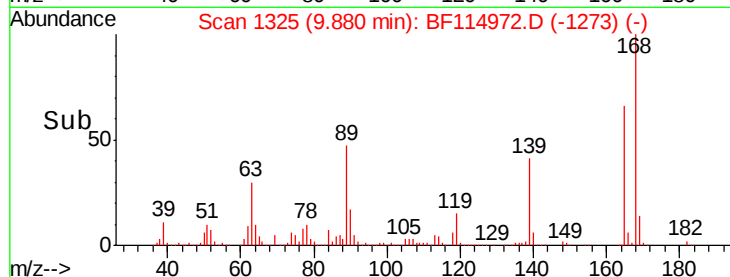
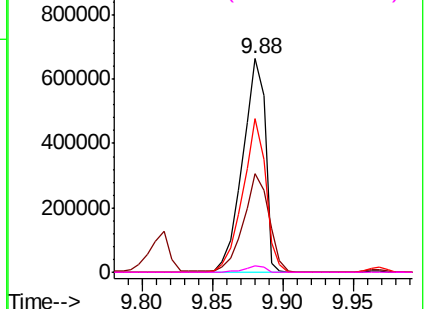
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

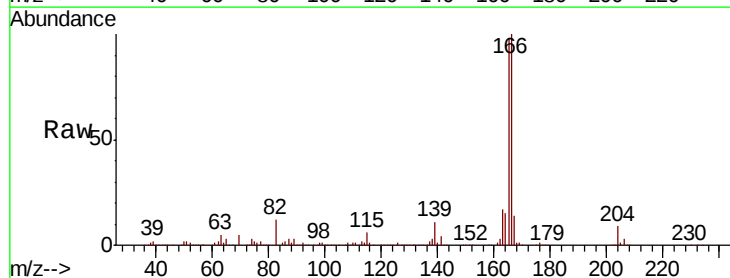
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 66.430 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	13.7	11.0	16.4

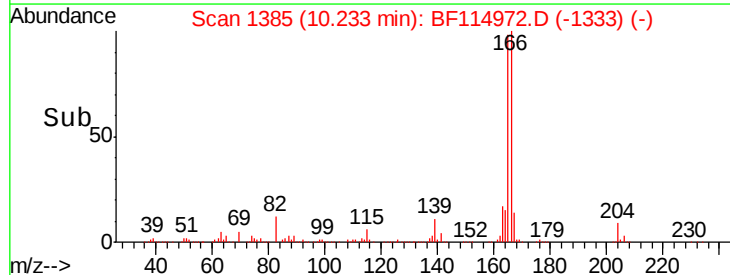
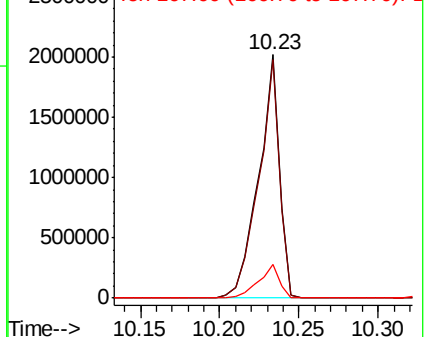


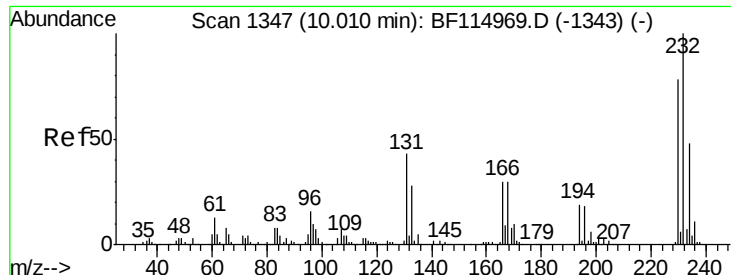
Abundance

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

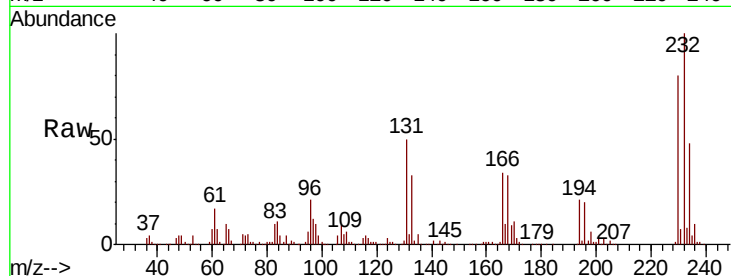




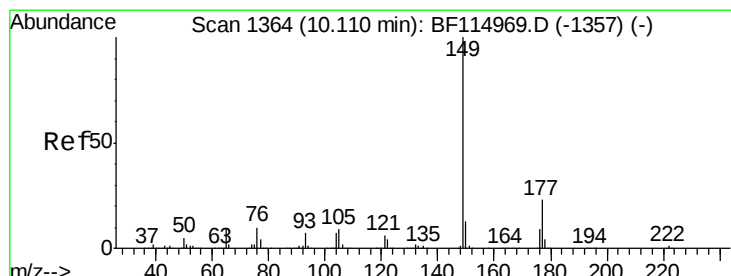
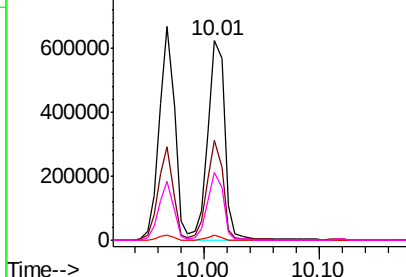
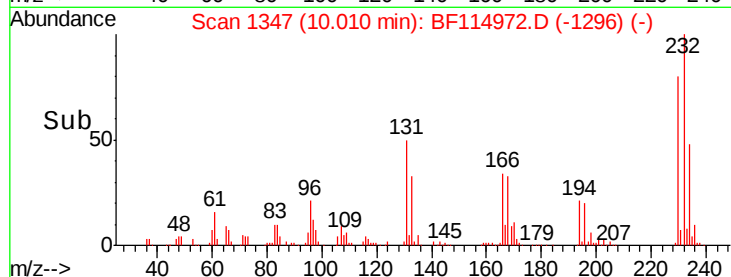
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 77.584 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 641201
 Ion Ratio Lower Upper
 232 100
 131 47.0 36.9 55.3
 130 2.2 1.8 2.6
 166 32.0 24.8 37.2

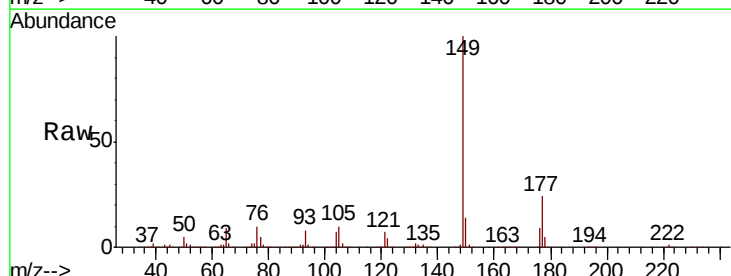


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

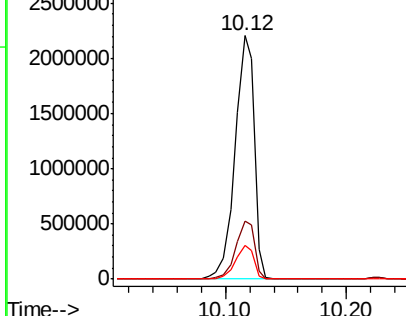
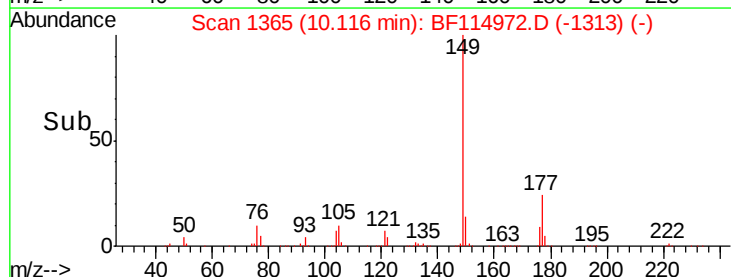


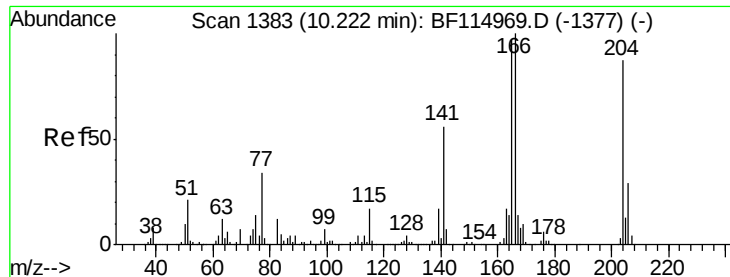
#60
 Diethylphthalate
 Concen: 73.795 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:149 Resp: 2448122
 Ion Ratio Lower Upper
 149 100
 177 23.7 18.6 27.8
 150 13.6 10.5 15.7



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

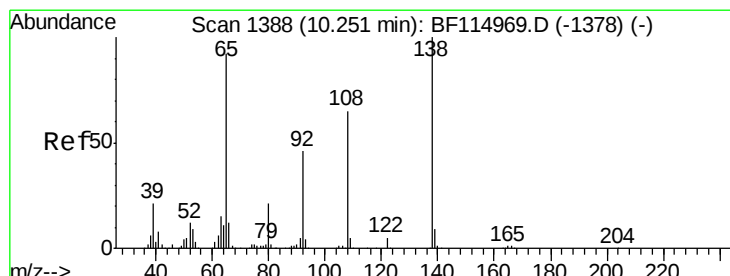
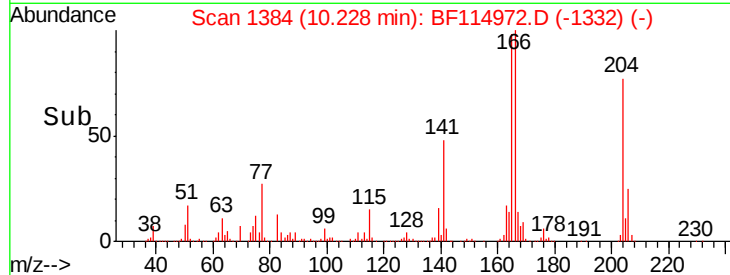
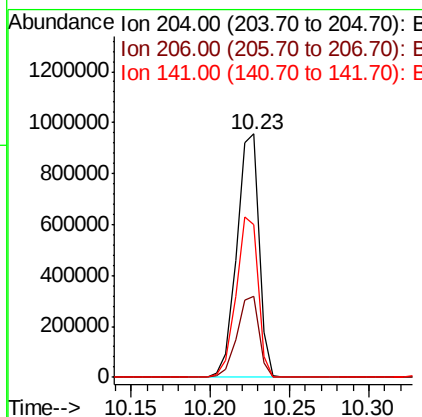
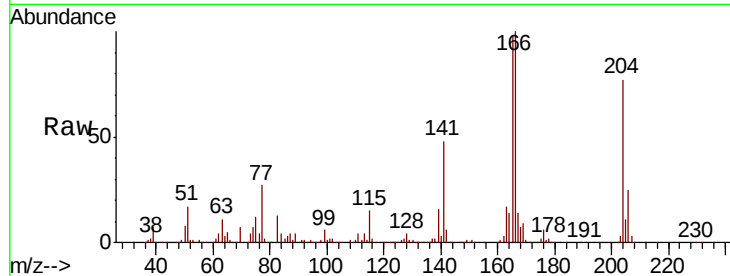




#61
 4-Chlorophenyl-phenylether
 Concen: 65.895 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

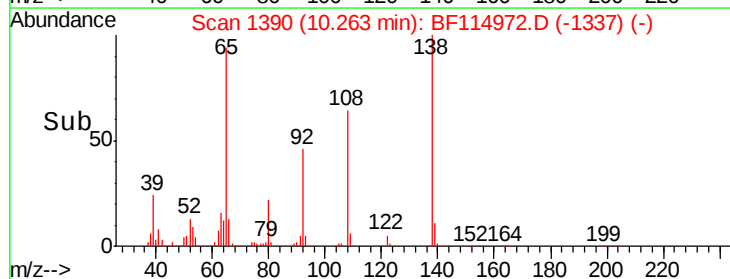
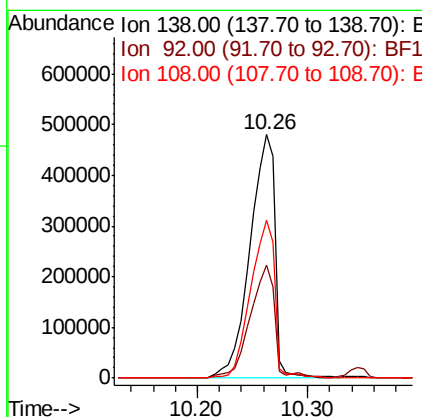
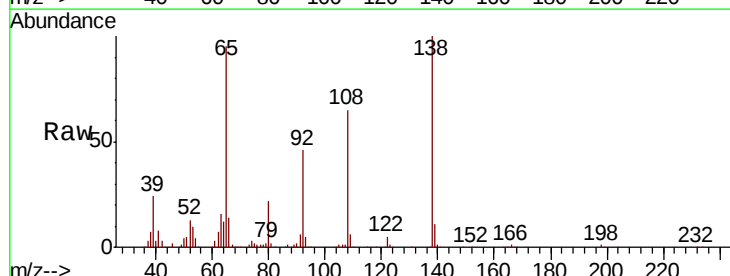
Instrument :
 BNA_F
 ClientSampleId :

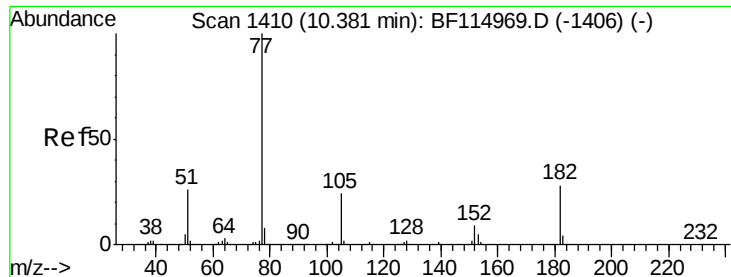
Tot Ion:	204	Resp:	929478
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.7	51.8	77.8



#62
 4-Nitroaniline
 Concen: 79.605 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:	138	Resp:	768026
Ion	Ratio	Lower	Upper
138	100		
92	46.2	25.7	65.7
108	64.8	44.6	84.6

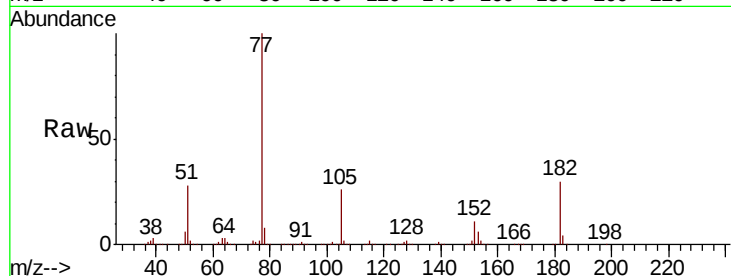




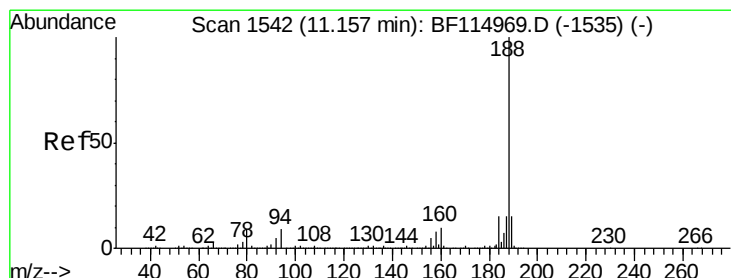
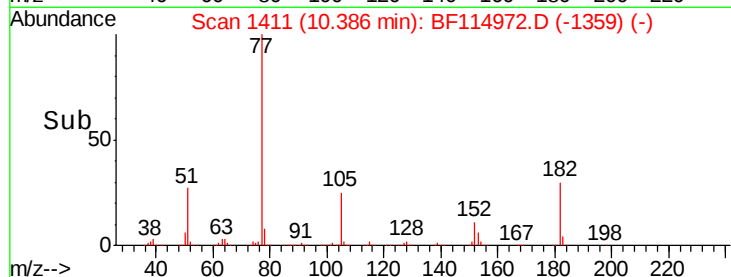
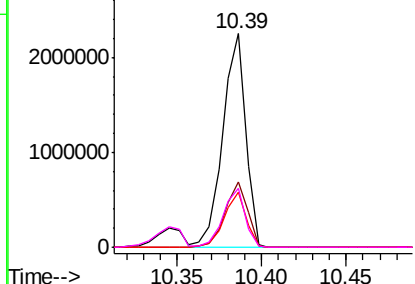
#63
Azobenzene
Concen: 73.390 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2119115
Ion Ratio Lower Upper
77 100
182 30.3 7.4 47.4
105 25.5 4.2 44.2
51 27.5 6.2 46.2

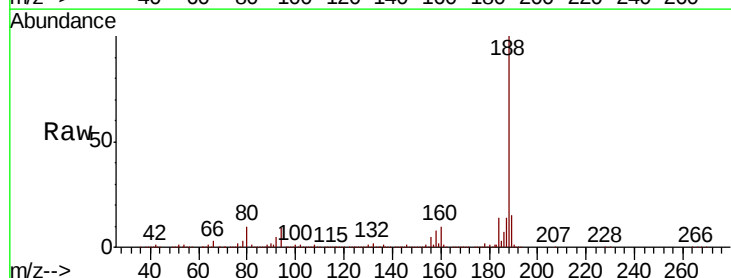


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

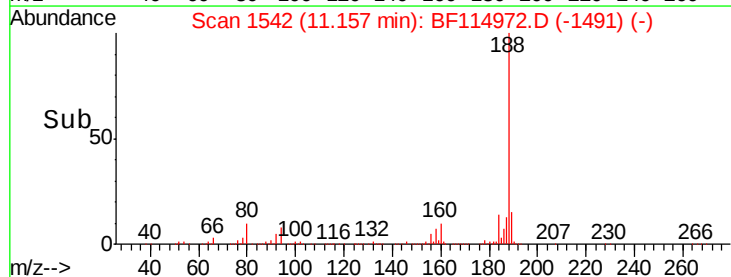
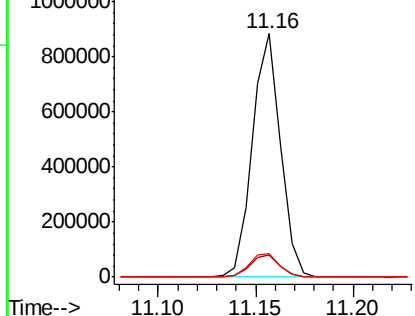


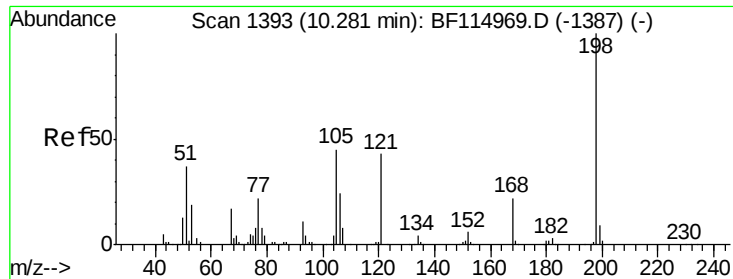
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion: 188 Resp: 883689
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.6 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

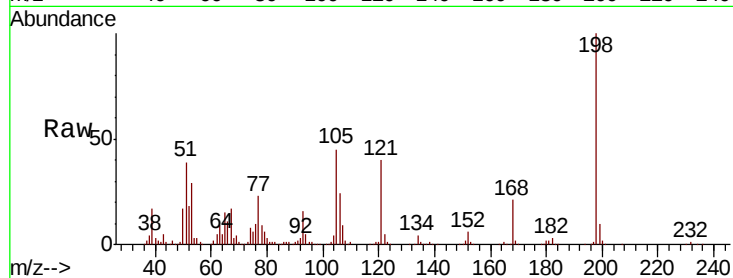




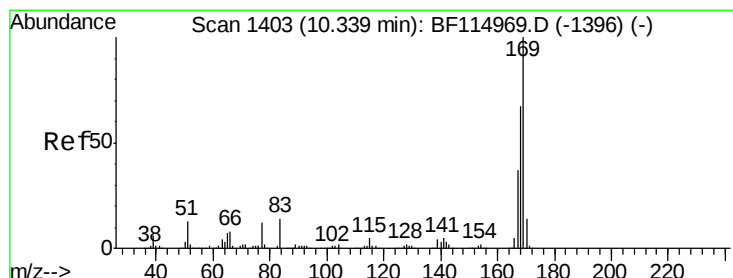
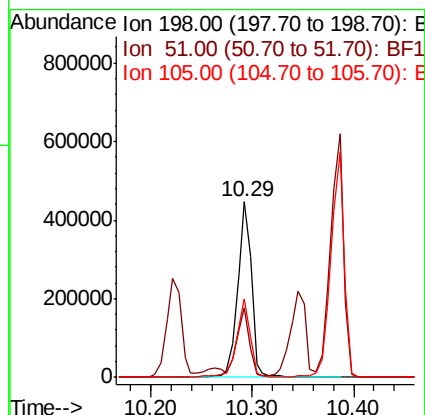
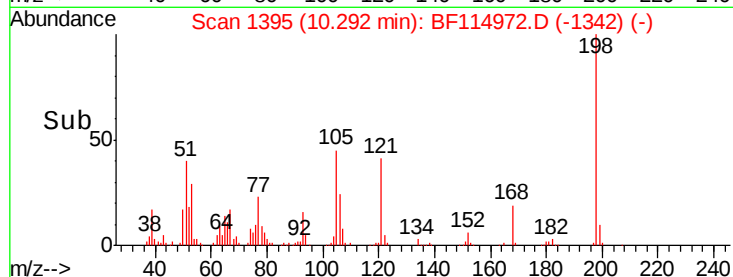
#65
 4,6-Dinitro-2-methylphenol
 Concen: 85.515 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 423793
 Ion Ratio Lower Upper
 198 100
 51 39.5 23.0 63.0
 105 44.9 26.5 66.5

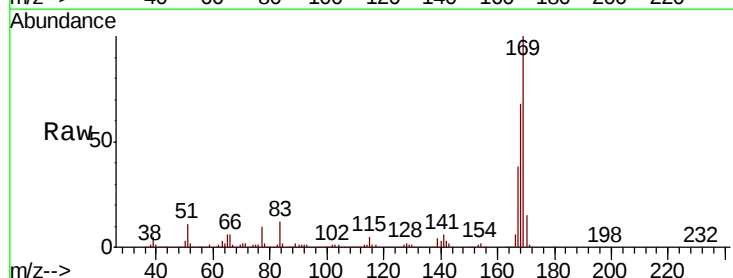


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

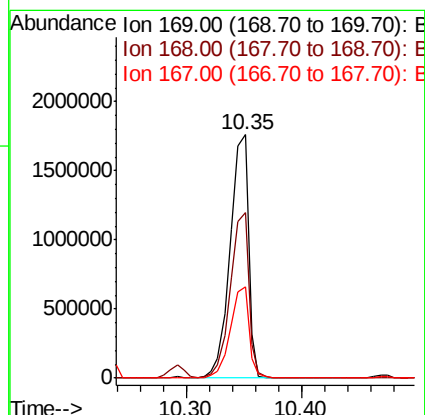
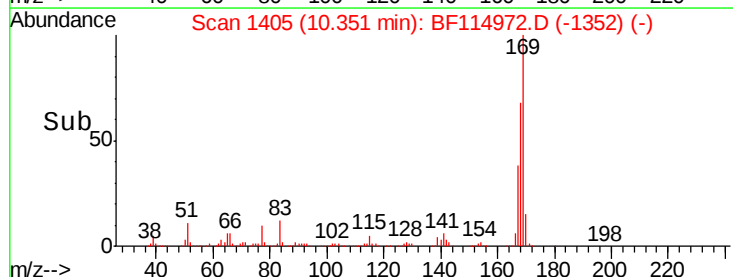


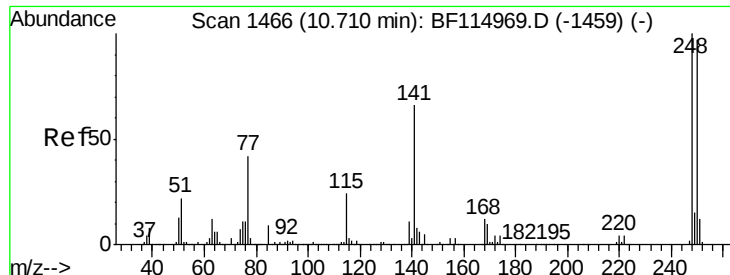
#66
 n-Nitrosodiphenylamine
 Concen: 74.179 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:169 Resp: 1947509
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.6 80.4
 167 37.7 29.6 44.4



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

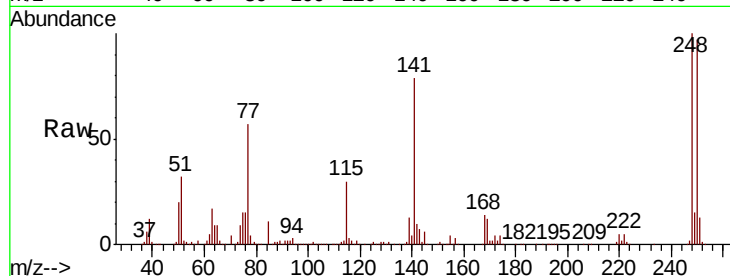




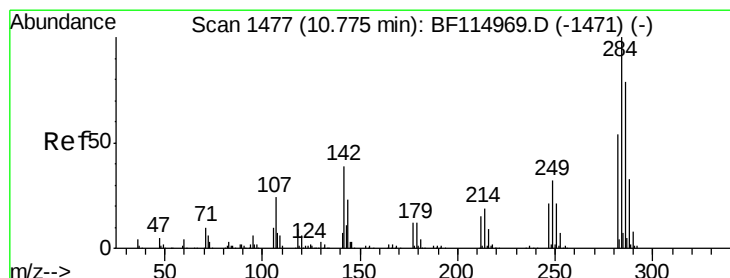
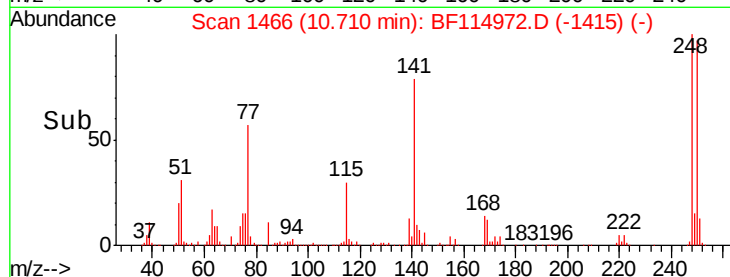
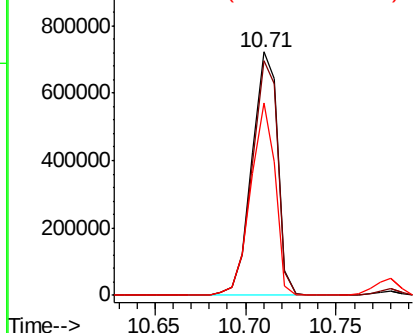
#67
 4-Bromophenyl-phenylether
 Concen: 74.621 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 714262
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.8 116.8
 141 78.9 53.1 79.7

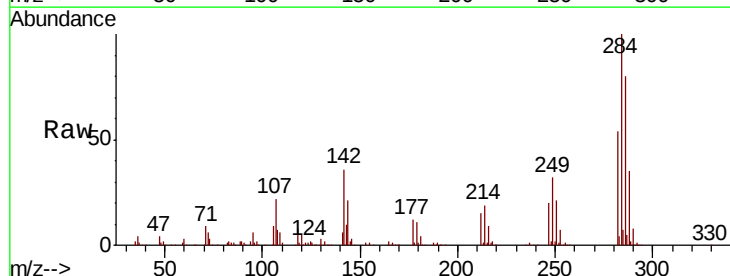


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

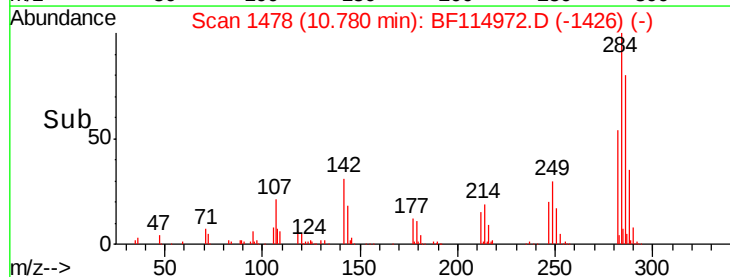
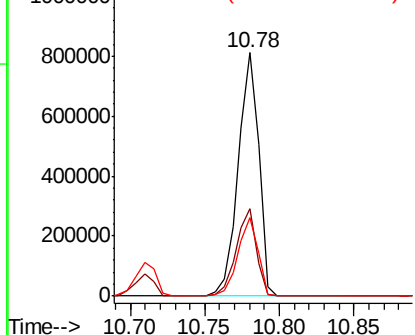


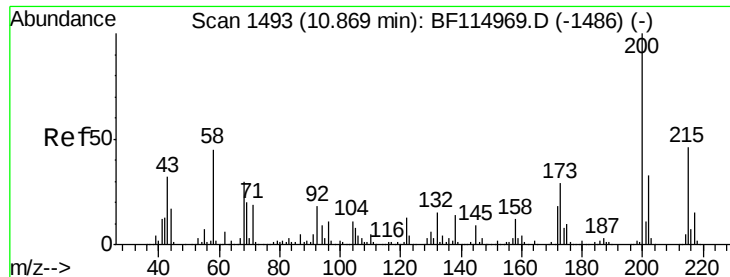
#68
 Hexachlorobenzene
 Concen: 73.841 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:284 Resp: 780520
 Ion Ratio Lower Upper
 284 100
 142 36.0 31.5 47.3
 249 32.3 25.6 38.4



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





#69

Atrazine

Concen: 70.873 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

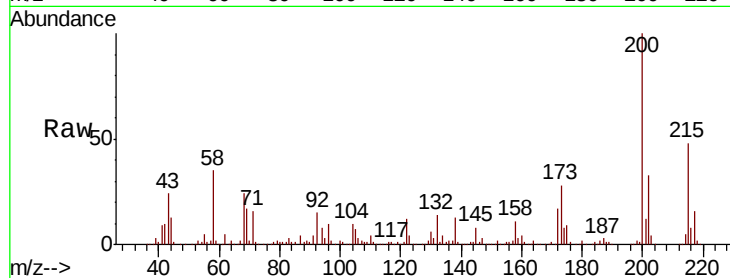
Tot Ion:200 Resp: 626972

Ion Ratio Lower Upper

200 100

173 28.3 9.0 49.0

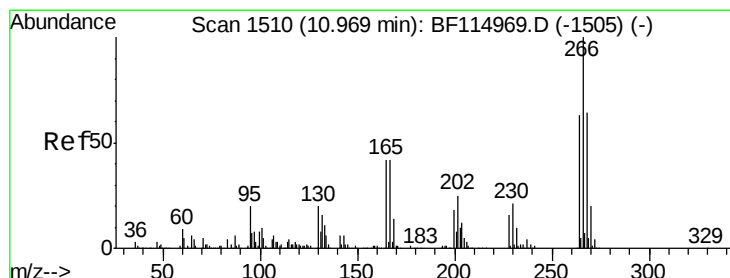
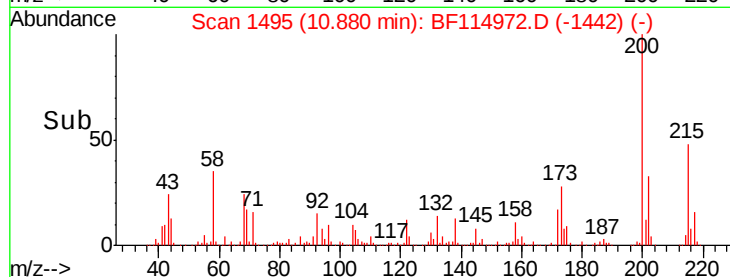
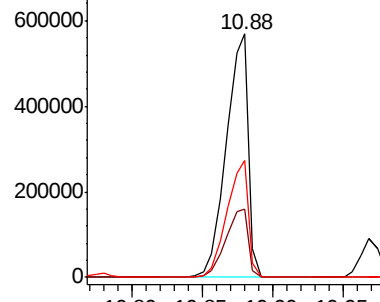
215 47.9 26.5 66.5



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



#70

Pentachlorophenol

Concen: 79.354 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

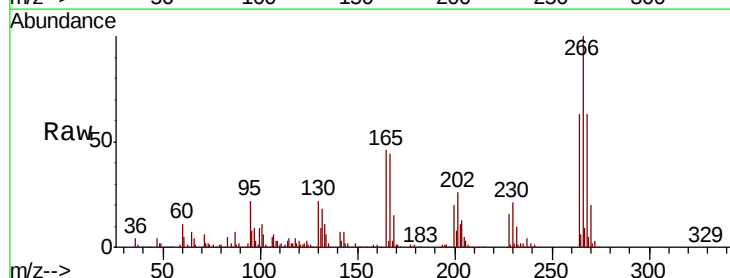
Tgt Ion:266 Resp: 470356

Ion Ratio Lower Upper

266 100

268 62.5 51.4 77.2

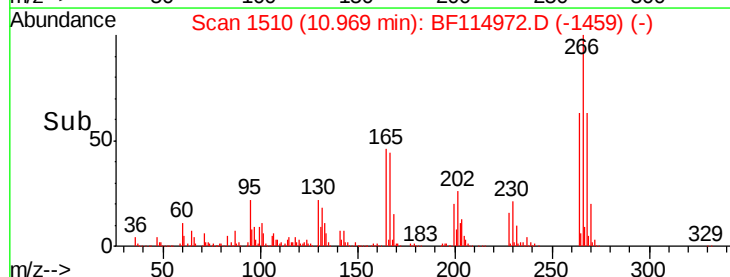
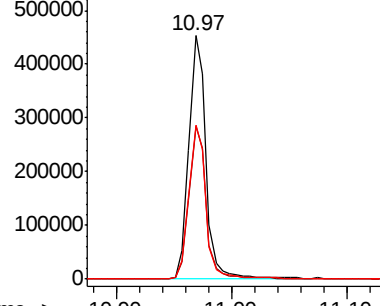
264 63.4 50.3 75.5

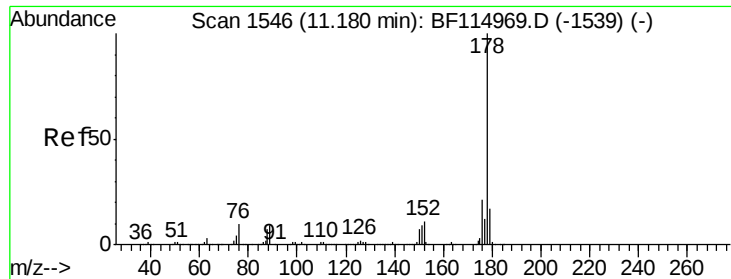


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

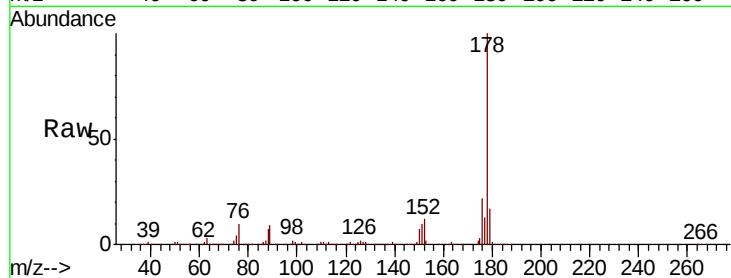




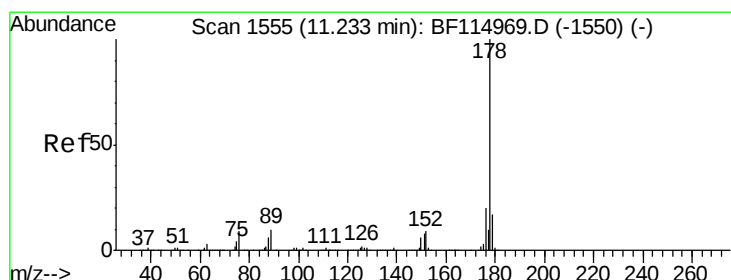
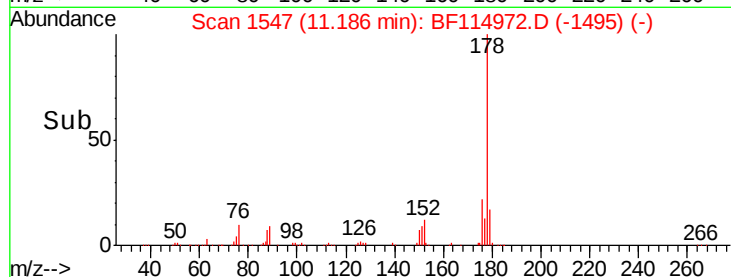
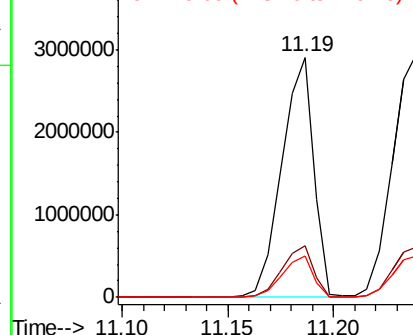
#71
Phenanthrene
Concen: 71.613 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3070358
Ion Ratio Lower Upper
178 100
176 21.7 16.9 25.3
179 17.1 13.4 20.0

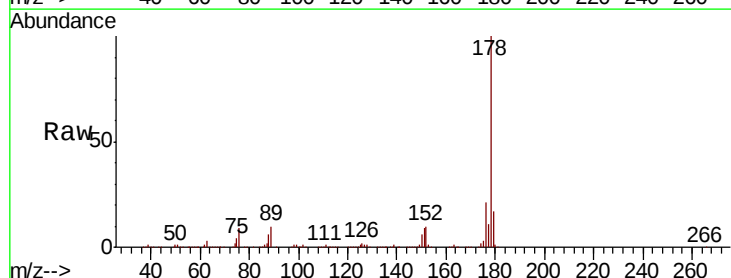


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

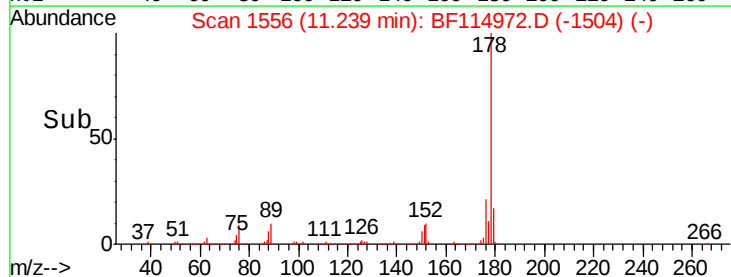
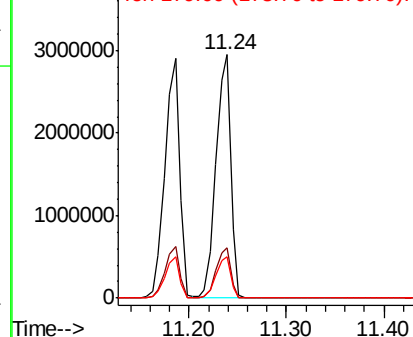


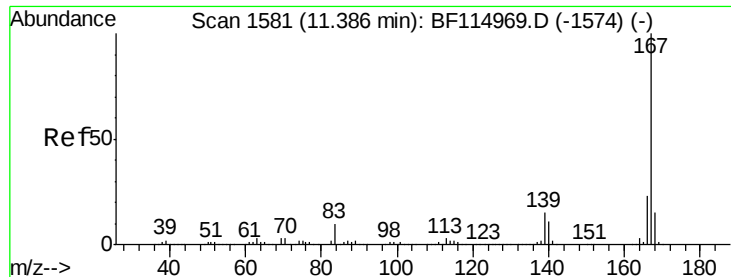
#72
Anthracene
Concen: 71.384 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:178 Resp: 3106423
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 17.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



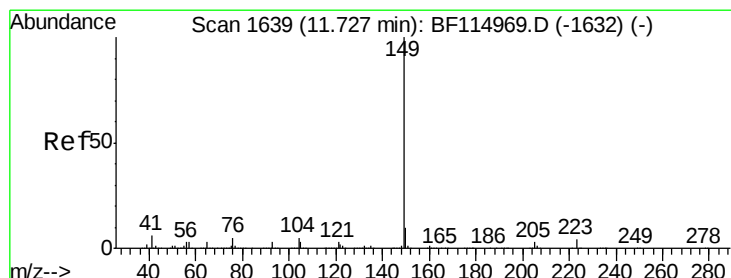
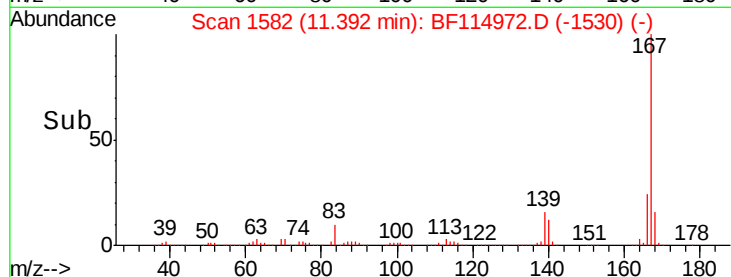
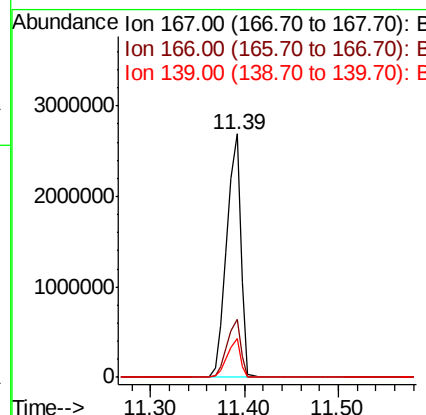
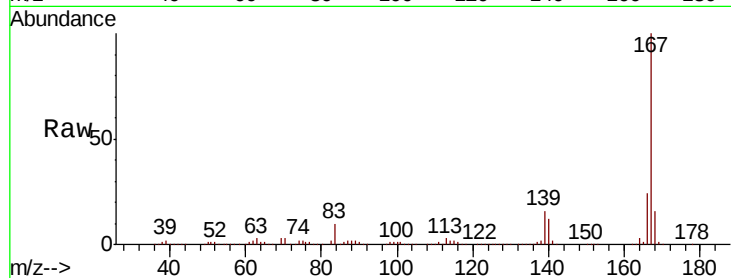


#73
 Carbazole
 Concen: 72.388 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2867987

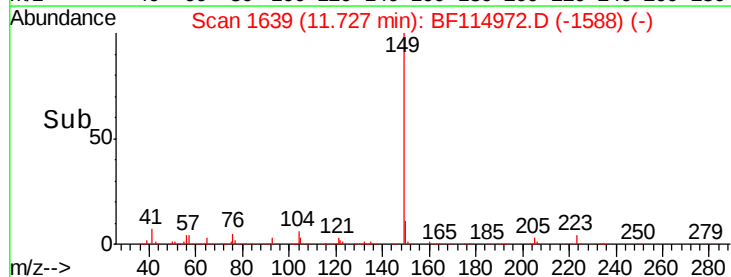
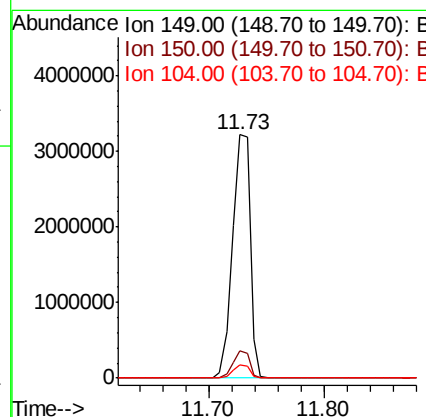
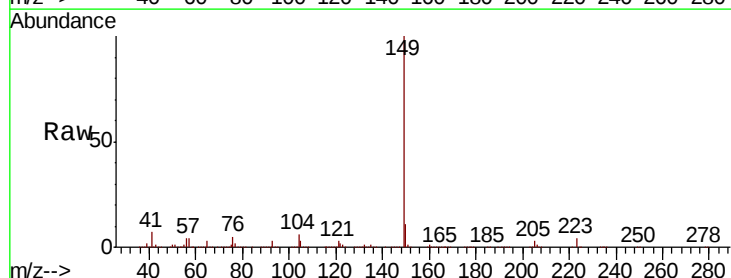
Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.5	27.7
139	15.7	12.0	18.0

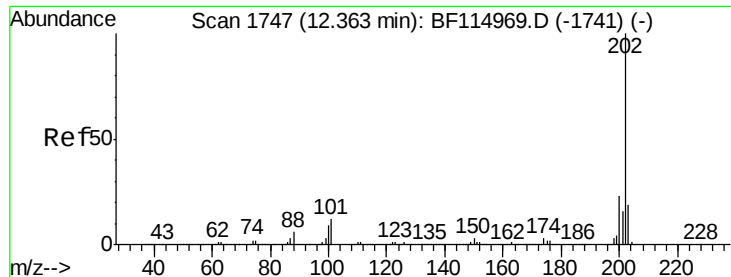


#74
 Di-n-butylphthalate
 Concen: 69.714 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:149 Resp: 3413541

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.1	12.1
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 71.885 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

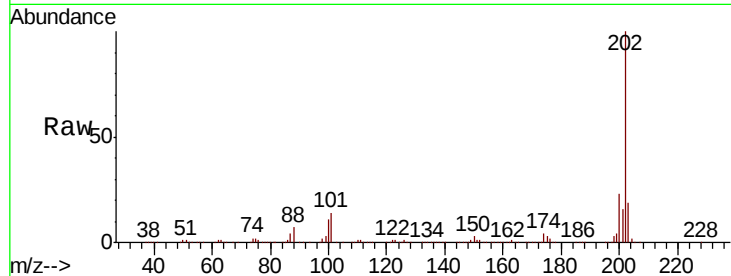
Tot Ion:202 Resp: 3187839

Ion Ratio Lower Upper

202 100

101 14.0 0.0 32.4

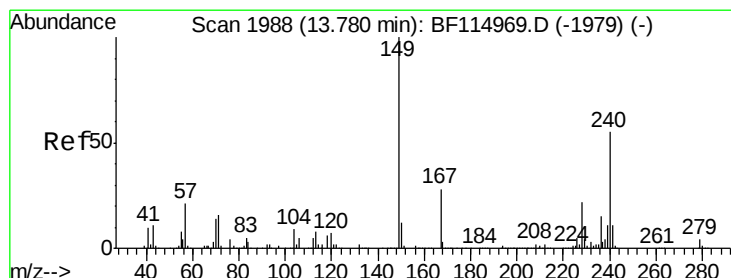
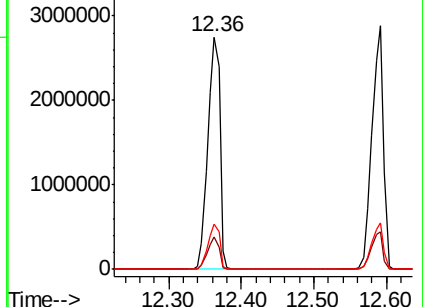
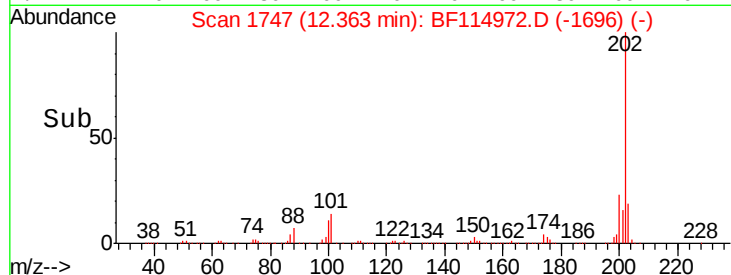
203 19.4 0.0 38.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

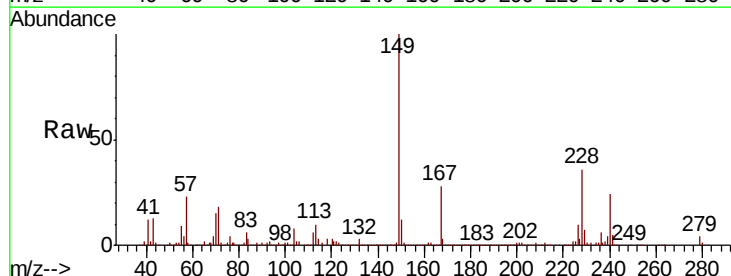
Tgt Ion:240 Resp: 417975

Ion Ratio Lower Upper

240 100

120 13.1 10.0 15.0

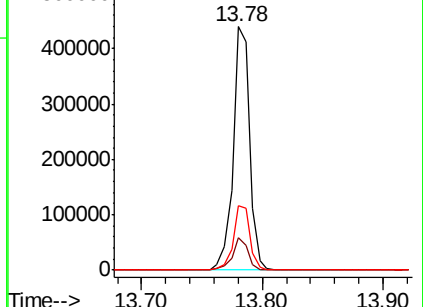
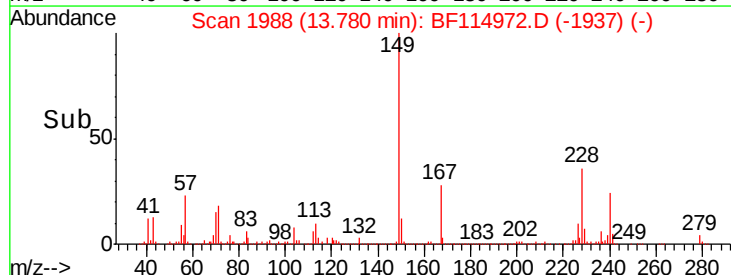
236 26.2 21.6 32.4

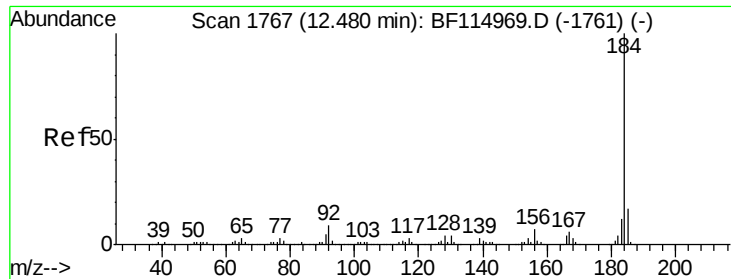


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.879 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

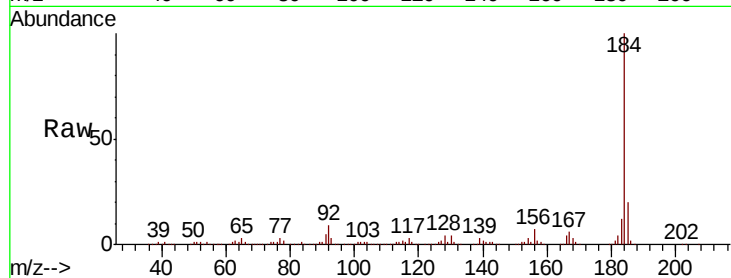
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1113597

Ion	Ratio	Lower	Upper
184	100		
185	20.0	13.4	20.0
183	12.2	9.8	14.6

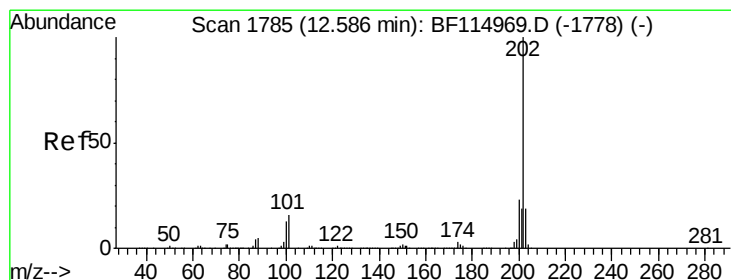
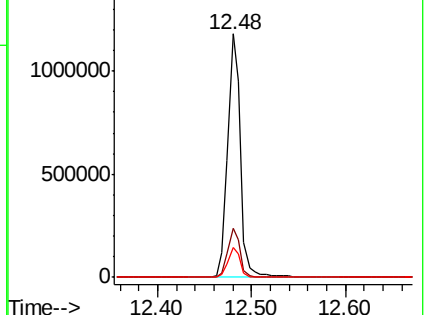
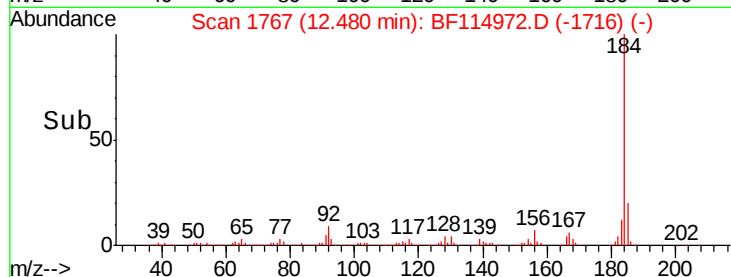


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 87.706 ng

RT: 12.59 min Scan# 1786

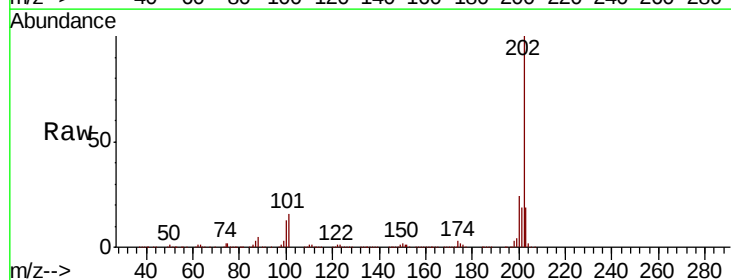
Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Tgt Ion:202 Resp: 3192680

Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.4	27.6
203	19.2	14.9	22.3

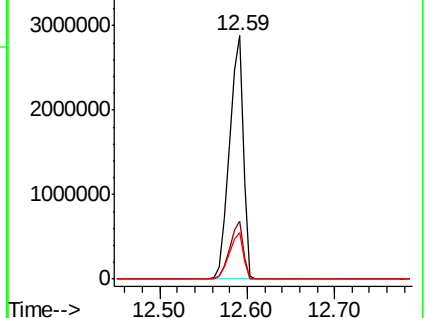
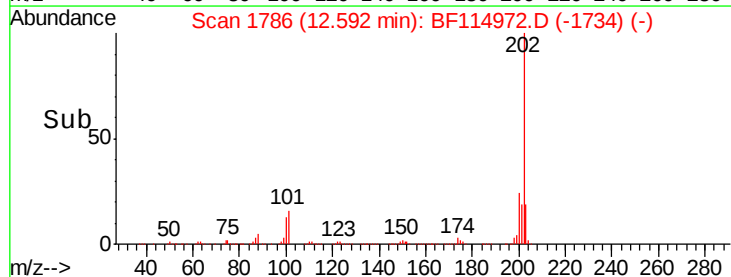


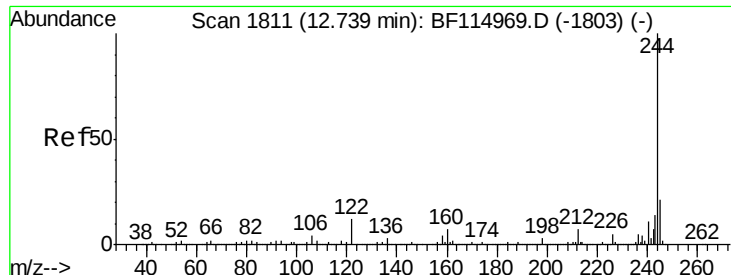
Abundance

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

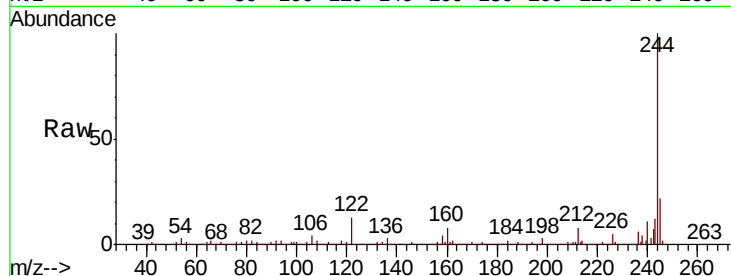




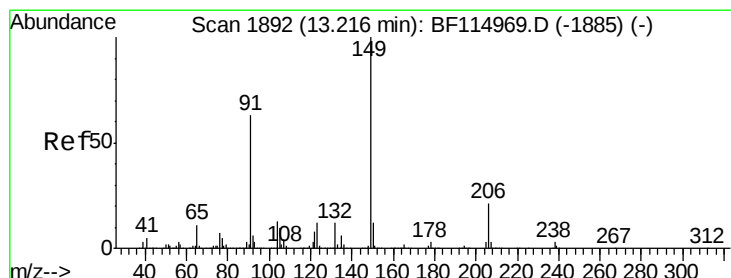
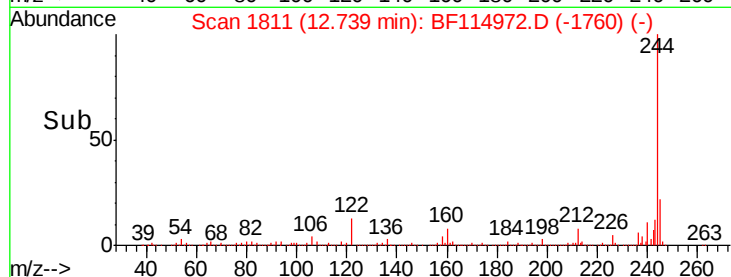
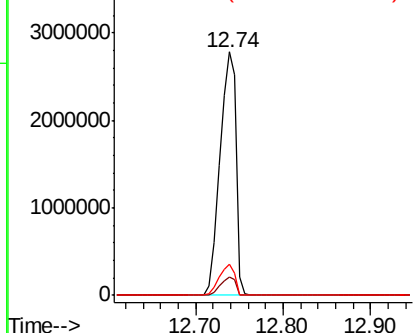
#79
 Terphenyl-d14
 Concen: 169.057 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3553131
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 12.5 9.4 14.0

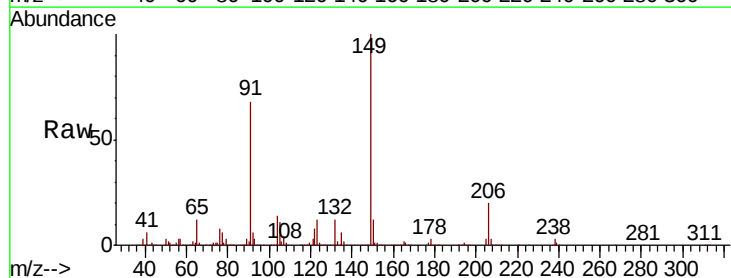


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

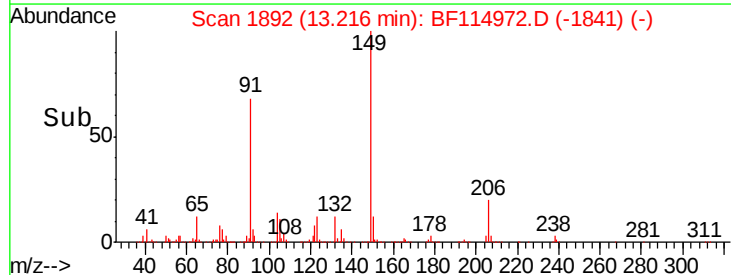
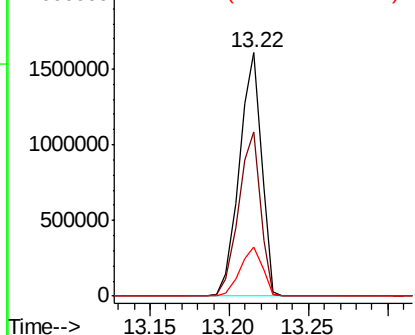


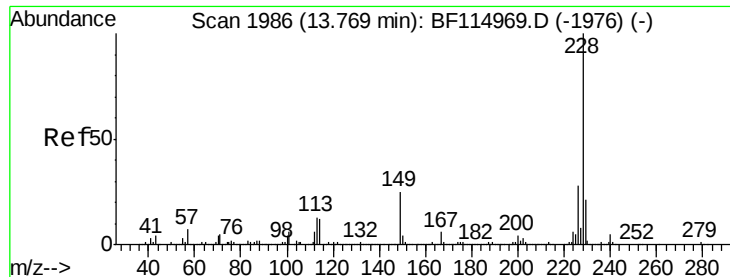
#80
 Butylbenzylphthalate
 Concen: 86.600 ng
 RT: 13.22 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BF114972.D
 Acq: 12 Jun 2019 13:01

Tgt Ion:149 Resp: 1553056
 Ion Ratio Lower Upper
 149 100
 91 67.5 50.6 76.0
 206 20.4 16.7 25.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 80.553 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampled :

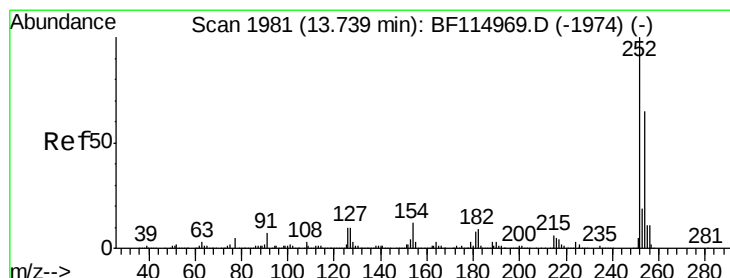
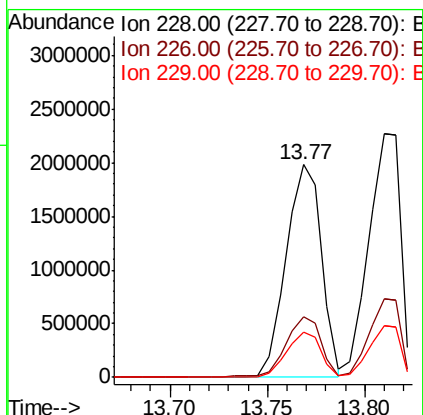
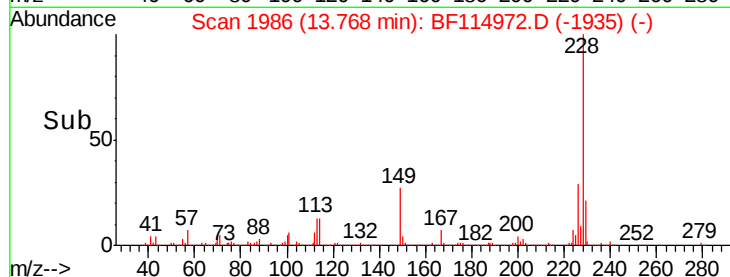
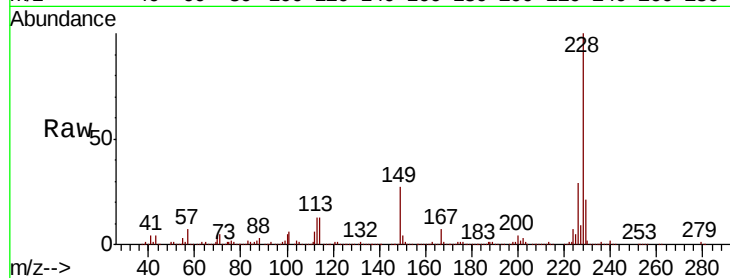
Tot Ion:228 Resp: 2489538

Ion Ratio Lower Upper

228 100

226 28.8 22.0 33.0

229 21.1 16.6 25.0



#82

3,3'-Dichlorobenzidine

Concen: 75.003 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

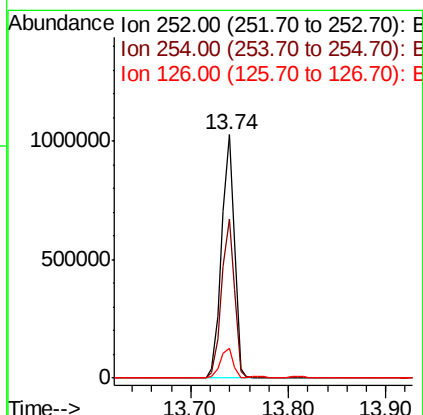
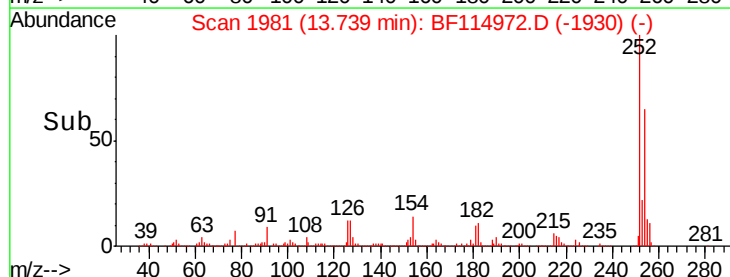
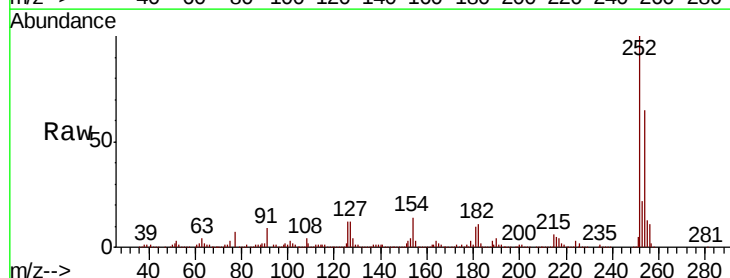
Tgt Ion:252 Resp: 946183

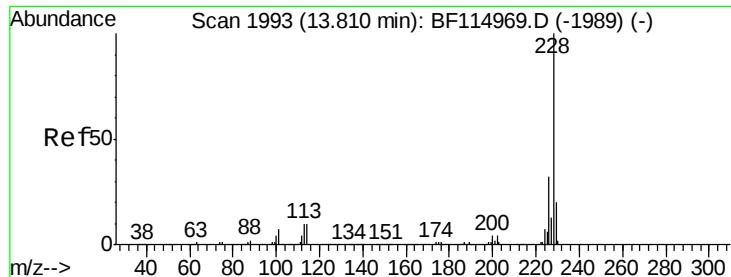
Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.4

126 12.3 8.0 12.0#





#83

Chrysene

Concen: 83.123 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

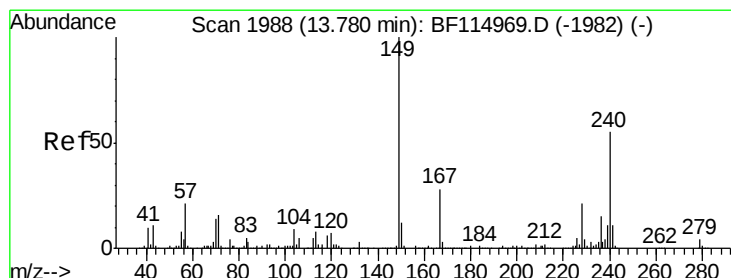
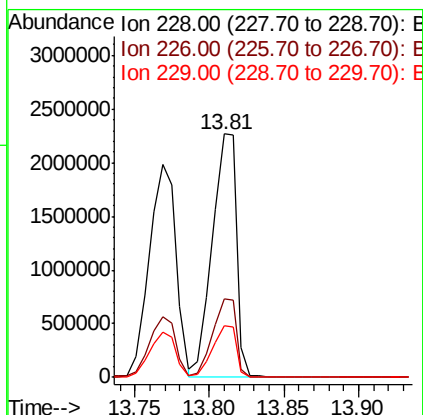
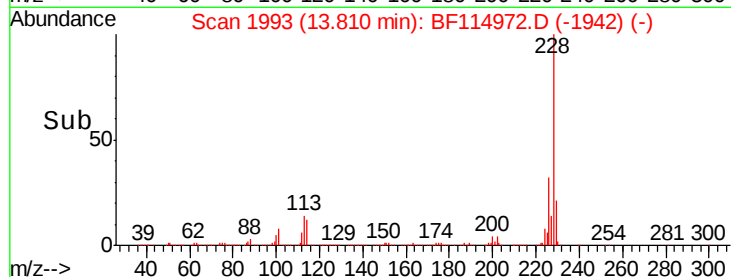
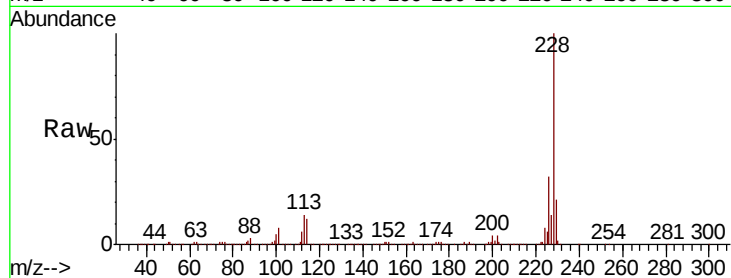
Tot Ion:228 Resp: 2579714

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.1	16.4	24.6

228 100

226 32.1 25.4 38.0

229 21.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.994 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

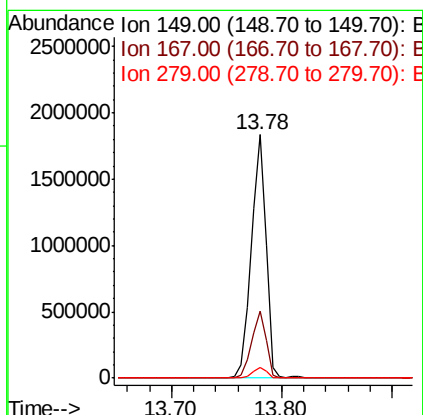
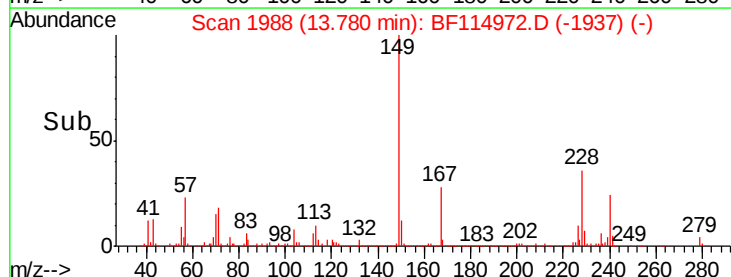
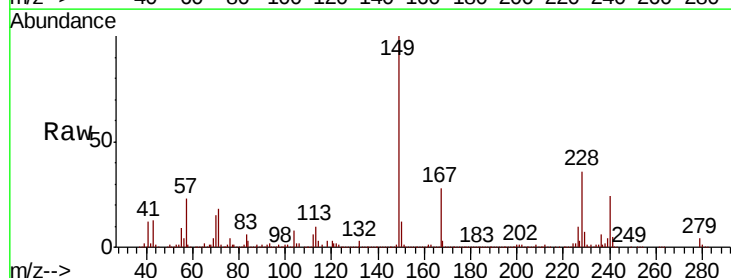
Tgt Ion:149 Resp: 1722139

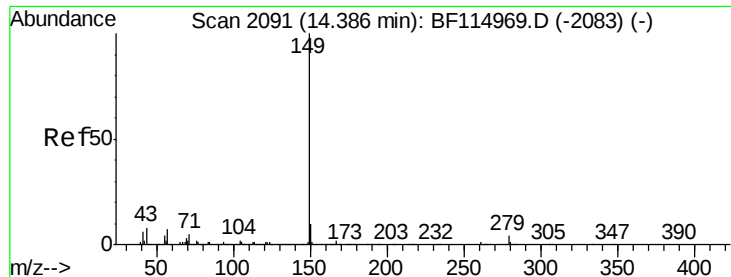
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.4	3.4	5.0

149 100

167 27.6 22.2 33.4

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 77.450 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Instrument :

BNA_F

ClientSampleId :

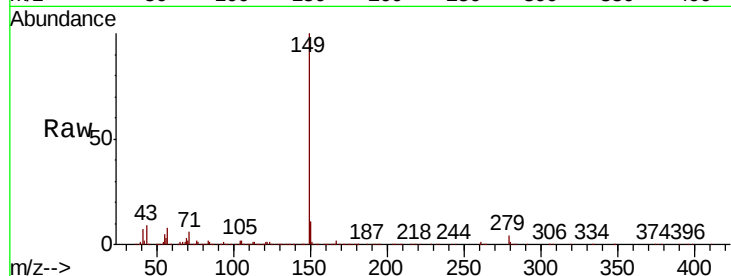
Tot Ion:149 Resp: 2971536

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

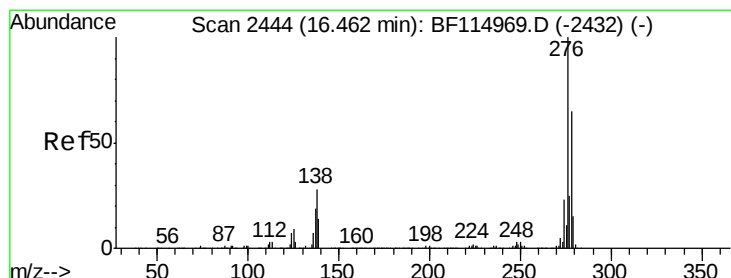
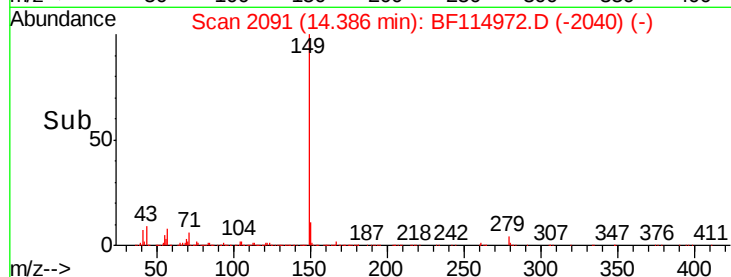
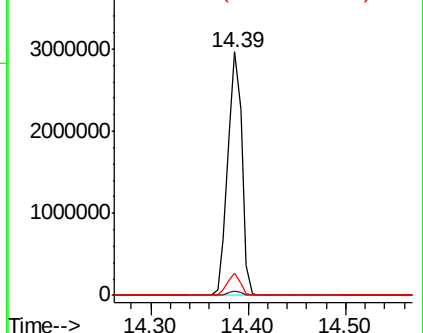
43 8.5 6.5 9.7



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): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 82.854 ng

RT: 16.47 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

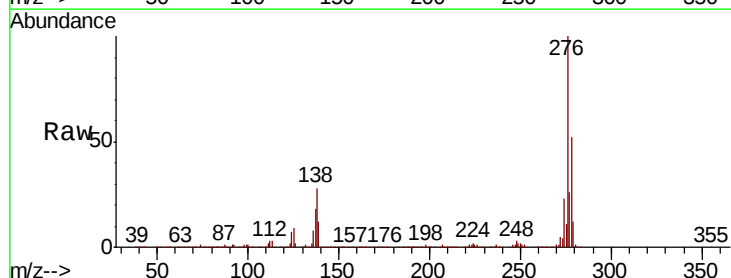
Tgt Ion:276 Resp: 2417406

Ion Ratio Lower Upper

276 100

138 28.6 23.0 34.4

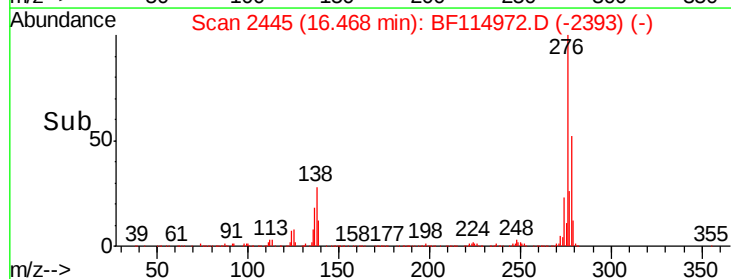
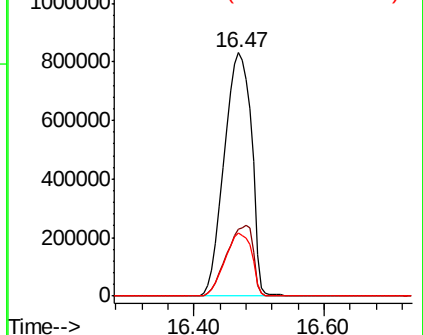
277 25.6 20.6 30.8

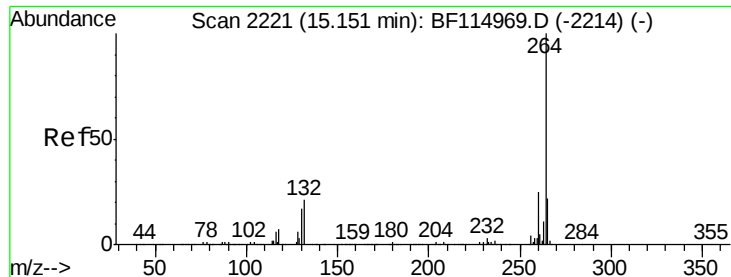


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



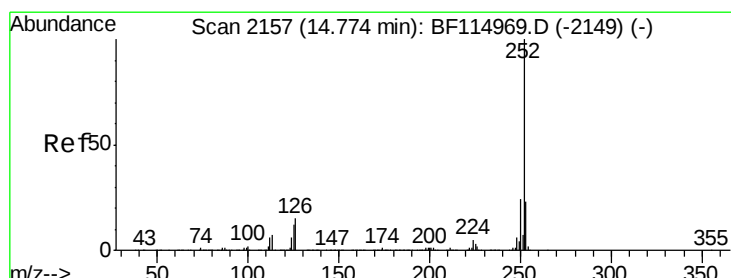
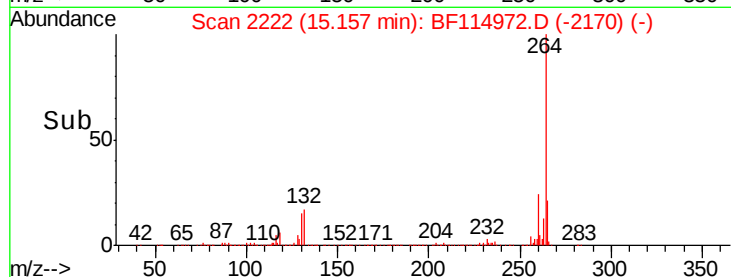
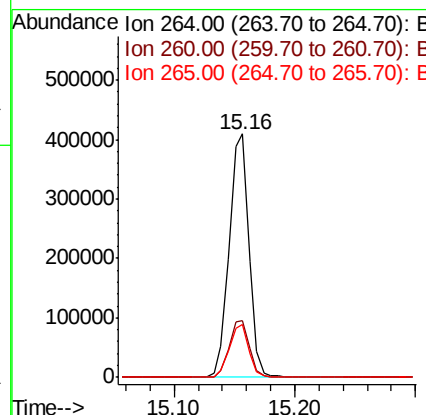
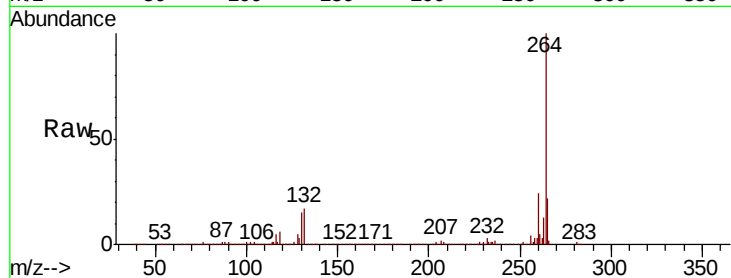


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 463074

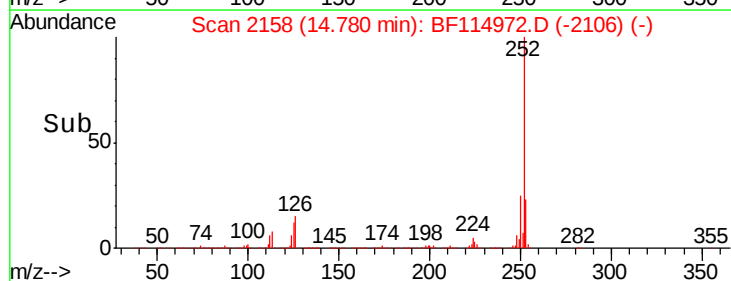
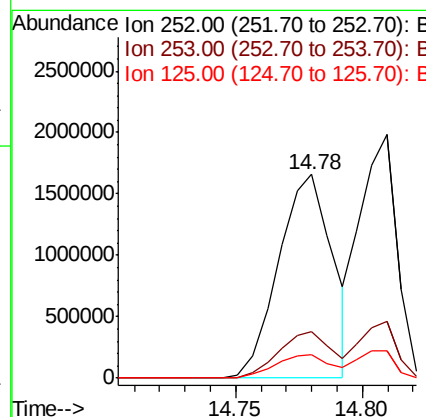
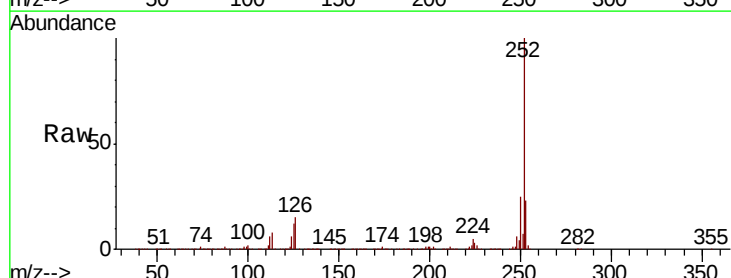
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	21.5	17.6	26.4

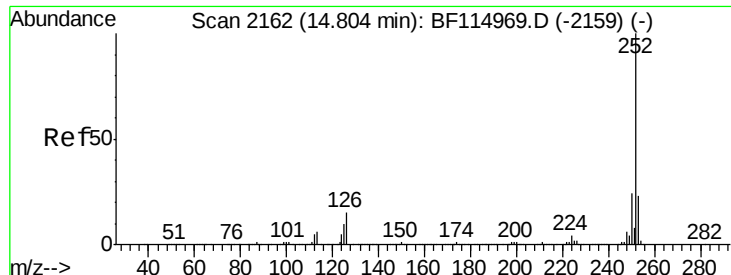


#88
Benzo(b)fluoranthene
Concen: 81.356 ng
RT: 14.78 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:252 Resp: 2452703

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.5	9.4	14.0

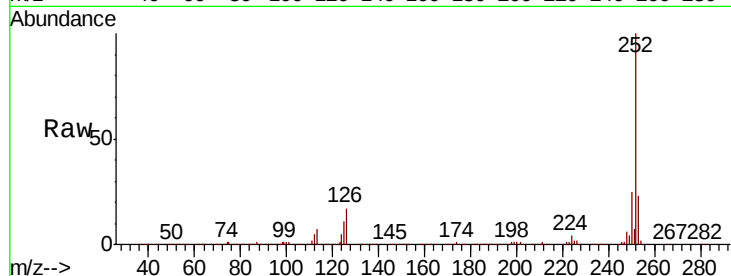




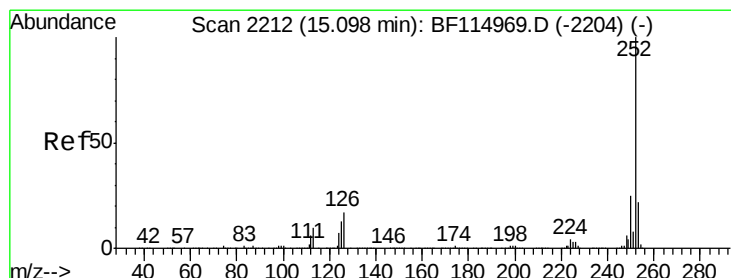
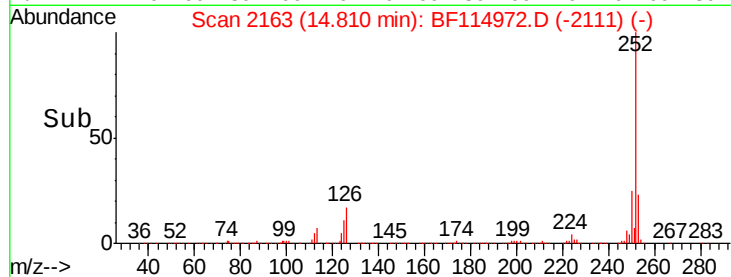
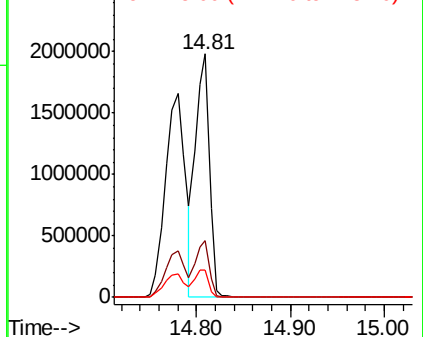
#89
Benzo(k)fluoranthene
Concen: 77.512 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2027979
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 11.2 8.2 12.4

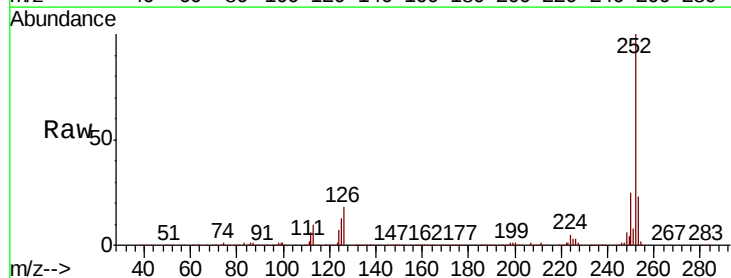


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

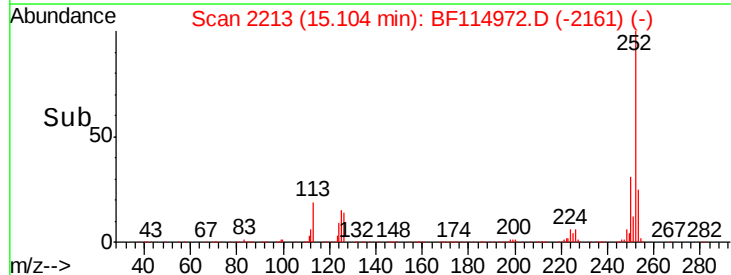
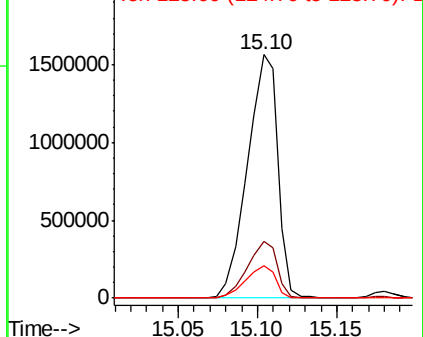


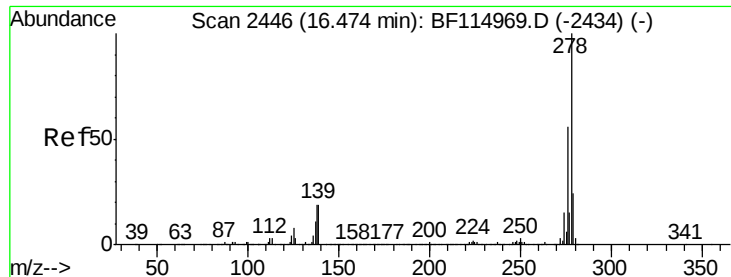
#90
Benzo(a)pyrene
Concen: 79.701 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF114972.D
Acq: 12 Jun 2019 13:01

Tgt Ion:252 Resp: 2087021
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 13.4 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 86.069 ng

RT: 16.49 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

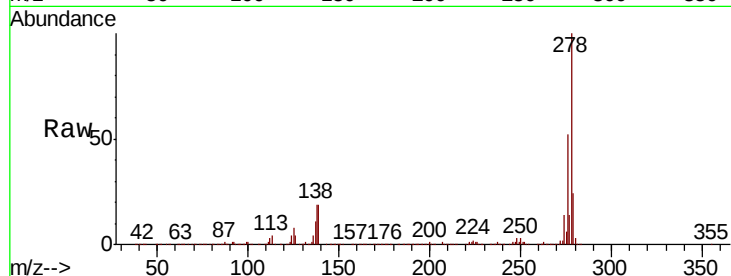
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1903729

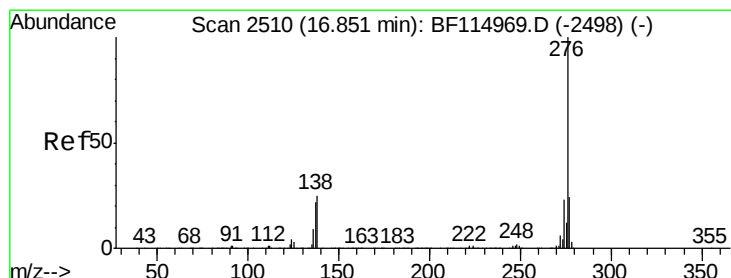
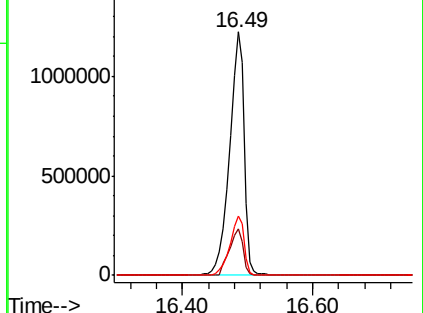
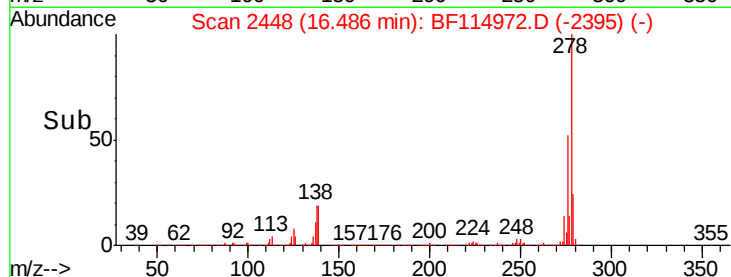
Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.3	22.9
279	24.1	19.2	28.8



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



#92

Benzo(g,h,i)perylene

Concen: 92.354 ng

RT: 16.86 min Scan# 2512

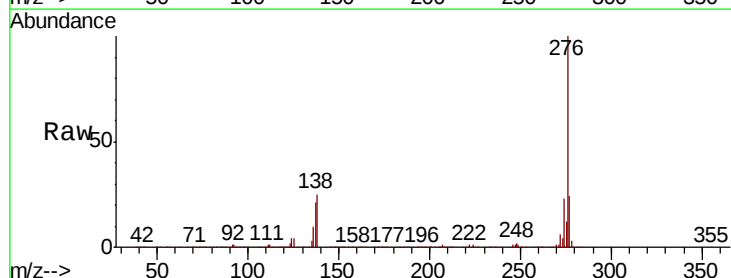
Delta R.T. 0.01 min

Lab File: BF114972.D

Acq: 12 Jun 2019 13:01

Tgt Ion:276 Resp: 2036215

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	25.5	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

