

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115641.D
 Acq On : 18 Jul 2019 8:29
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:39:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	181805	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	757068	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	384496	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	740279	20.00	ng	0.00
76) Chrysene-d12	14.04	240	481648	20.00	ng	0.00
87) Perylene-d12	15.51	264	485017	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	903789	81.31	ng	0.00
7) Phenol-d6	6.52	99	1173150	83.18	ng	0.00
23) Nitrobenzene-d5	7.45	82	1075812	82.63	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	368679	82.15	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1878382	85.51	ng	0.00
79) Terphenyl-d14	12.99	244	2099267	80.42	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	228836	41.275	ng	98
3) Pyridine	3.44	79	625030	41.552	ng	98
4) n-Nitrosodimethylamine	3.39	42	230517	42.243	ng	97
6) Aniline	6.55	93	818543	41.705	ng	98
8) 2-Chlorophenol	6.67	128	528350	41.346	ng	100
9) Benzaldehyde	6.43	77	357293	40.540	ng	98
10) Phenol	6.53	94	685427	41.866	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	527552	42.323	ng	99
12) 1,3-Dichlorobenzene	6.83	146	583150	40.588	ng	98
13) 1,4-Dichlorobenzene	6.90	146	586895	40.941	ng	98
14) 1,2-Dichlorobenzene	7.06	146	535848	40.891	ng	96
15) Benzyl Alcohol	7.03	79	473167	42.293	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	708029	43.145	ng	97
17) 2-Methylphenol	7.14	107	440718	40.019	ng	99
18) Hexachloroethane	7.40	117	216821	40.750	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	381772	41.506	ng	98
20) 3+4-Methylphenols	7.29	107	533543	40.788	ng	97
22) Acetophenone	7.30	105	708958	41.452	ng	# 95
24) Nitrobenzene	7.47	77	587548	41.839	ng	97
25) Isophorone	7.71	82	1086135	41.689	ng	99
26) 2-Nitrophenol	7.79	139	309142	42.768	ng	96
27) 2,4-Dimethylphenol	7.82	122	429246	39.689	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	673823	42.159	ng	99
29) 2,4-Dichlorophenol	8.03	162	464751	41.319	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	533057	41.926	ng	99
31) Naphthalene	8.19	128	1514228	41.299	ng	98
32) Benzoic acid	7.95	122	351980	39.657	ng	99
33) 4-Chloroaniline	8.23	127	681545	41.965	ng	99
34) Hexachlorobutadiene	8.31	225	304019	41.698	ng	99
35) Caprolactam	8.62	113	149275	42.948	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	484951	41.565	ng	100
37) 2-Methylnaphthalene	8.88	142	1017630	41.871	ng	97
38) 1-Methylnaphthalene	8.98	142	970481	42.039	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	471614	40.732	ng	99

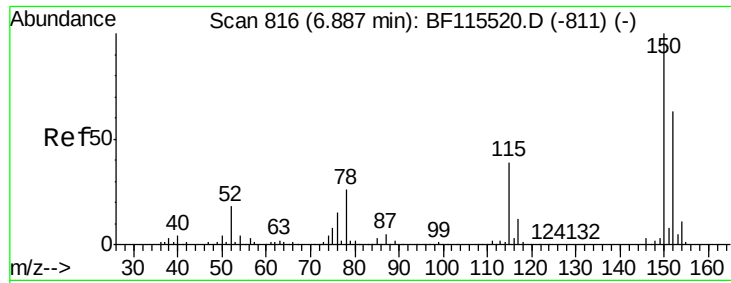
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115641.D
 Acq On : 18 Jul 2019 8:29
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:39:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	258844	39.190	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	347363	41.024	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	363966	41.973	ng	98
46) 1,1'-Biphenyl	9.35	154	1242076	41.321	ng	98
47) 2-Chloronaphthalene	9.37	162	1025745	40.982	ng	98
48) 2-Nitroaniline	9.46	65	329500	42.533	ng	95
49) Acenaphthylene	9.79	152	1562152	42.121	ng	99
50) Dimethylphthalate	9.65	163	1203736	41.611	ng	99
51) 2,6-Dinitrotoluene	9.70	165	271097	41.237	ng	96
52) Acenaphthene	9.96	154	1016288	42.444	ng	99
53) 3-Nitroaniline	9.87	138	317253	42.229	ng	91
54) 2,4-Dinitrophenol	9.98	184	149001	44.145	ng	92
55) Dibenzofuran	10.13	168	1377041	40.497	ng	99
56) 4-Nitrophenol	10.03	139	237234	41.411	ng	97
57) 2,4-Dinitrotoluene	10.11	165	371103	43.571	ng	92
58) Fluorene	10.47	166	979891	40.311	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	289450	39.931	ng	99
60) Diethylphthalate	10.34	149	1120185	41.328	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	527681	39.144	ng	95
62) 4-Nitroaniline	10.49	138	301961	41.903	ng	99
63) Azobenzene	10.62	77	1178352	44.821	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	185976	41.119	ng	91
66) n-Nitrosodiphenylamine	10.58	169	947346	41.140	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	334988	39.598	ng	96
68) Hexachlorobenzene	11.03	284	377196	39.044	ng	100
69) Atrazine	11.10	200	294013	38.920	ng	99
70) Pentachlorophenol	11.21	266	230764	39.054	ng	97
71) Phenanthrene	11.43	178	1547066	40.770	ng	98
72) Anthracene	11.49	178	1585632	40.433	ng	100
73) Carbazole	11.63	167	1435242	41.735	ng	100
74) Di-n-butylphthalate	11.96	149	1759043	41.526	ng	99
75) Fluoranthene	12.62	202	1673720	41.740	ng	97
77) Benzidine	12.73	184	820539	48.090	ng	99
78) Pyrene	12.85	202	1697609	41.601	ng	98
80) Butylbenzylphthalate	13.46	149	761812	43.793	ng	97
81) Benzo(a)anthracene	14.03	228	1353184	42.645	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	483909	42.899	ng	97
83) Chrysene	14.07	228	1344548	42.210	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	959225	44.516	ng	98
85) Di-n-octyl phthalate	14.63	149	1551637	45.258	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1213639	44.846	ng	99
88) Benzo(b)fluoranthene	15.08	252	1333696	42.704	ng	100
89) Benzo(k)fluoranthene	15.12	252	1123994	40.367	ng	98
90) Benzo(a)pyrene	15.45	252	1044610	38.916	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	984803	41.790	ng	99
92) Benzo(g,h,i)perylene	17.44	276	959445	40.824	ng	99

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

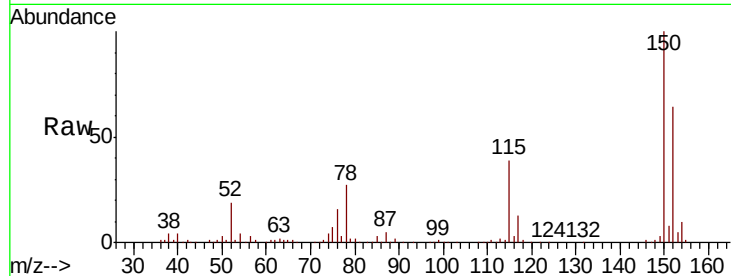


#1

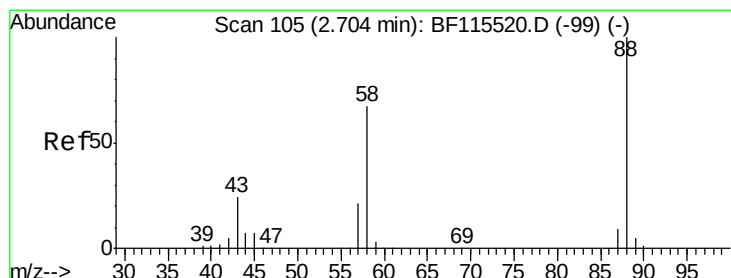
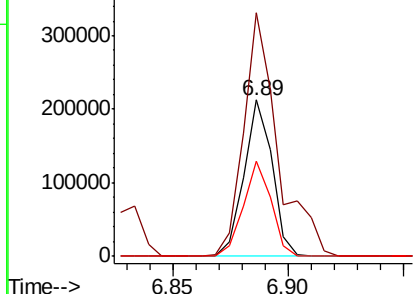
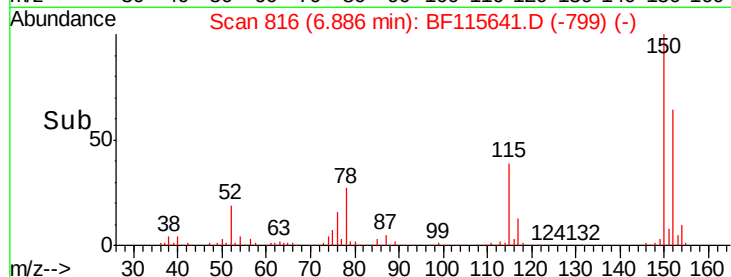
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 181805
 Ion Ratio Lower Upper
 152 100
 150 155.7 129.7 194.5
 115 60.5 48.2 72.4



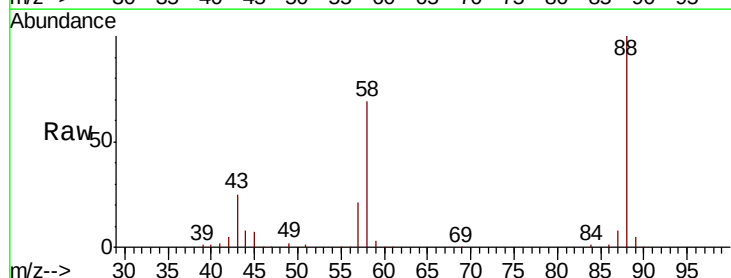
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



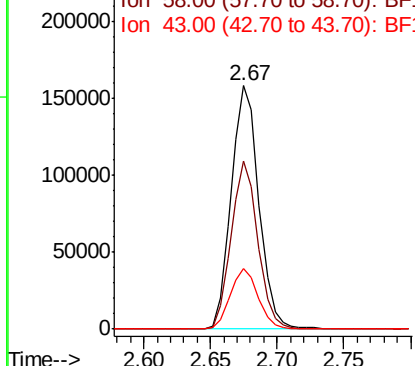
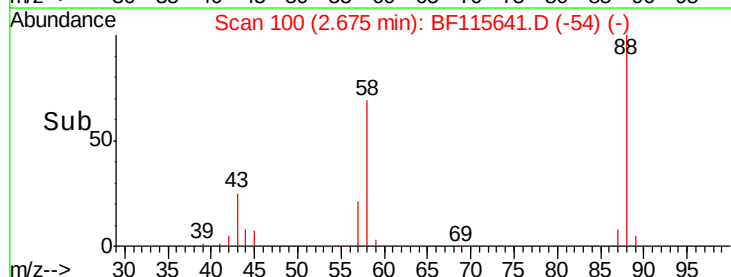
#2

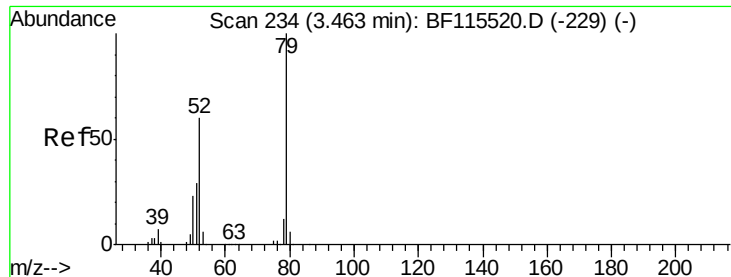
1,4-Dioxane
 Concen: 41.275 ng
 RT: 2.67 min Scan# 100
 Delta R.T. -0.03 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion: 88 Resp: 228836
 Ion Ratio Lower Upper
 88 100
 58 66.7 52.6 79.0
 43 25.2 19.1 28.7



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: 41.552 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.02 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

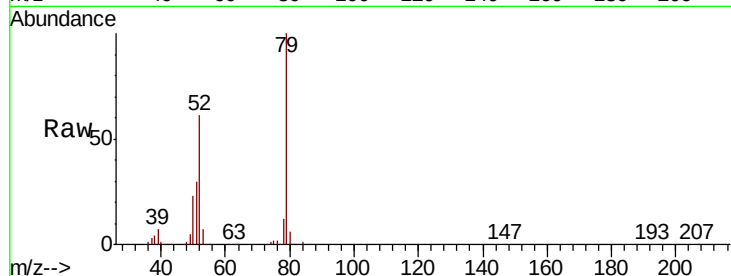
Tot Ion: 79 Resp: 625030

Ion Ratio Lower Upper

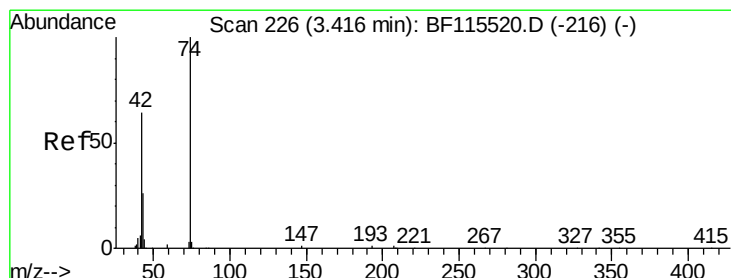
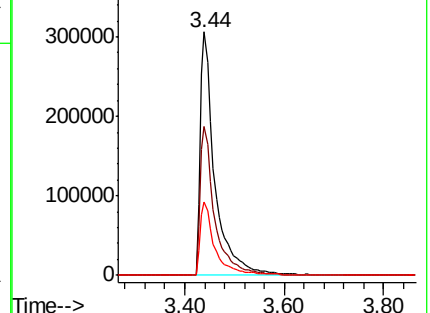
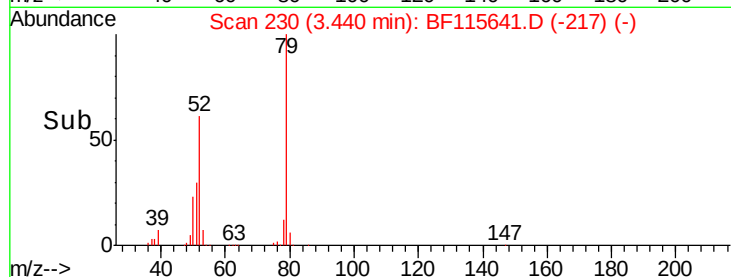
79 100

52 61.2 47.8 71.6

51 30.2 23.8 35.8



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: 42.243 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.03 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

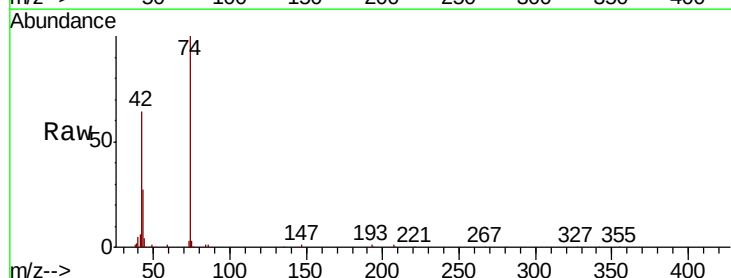
Tgt Ion: 42 Resp: 230517

Ion Ratio Lower Upper

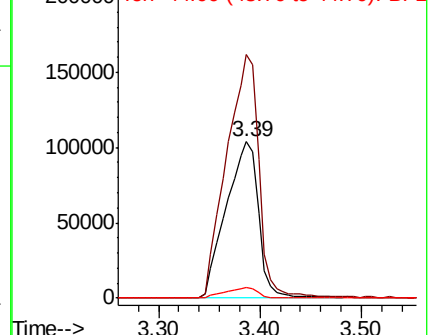
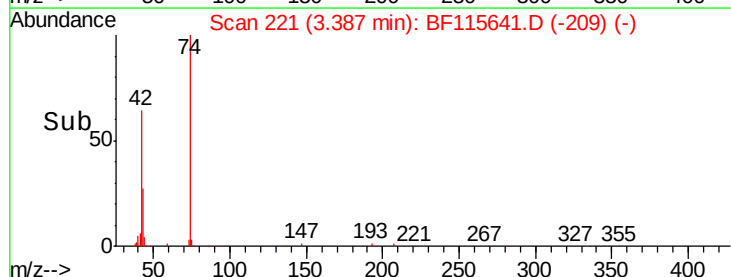
42 100

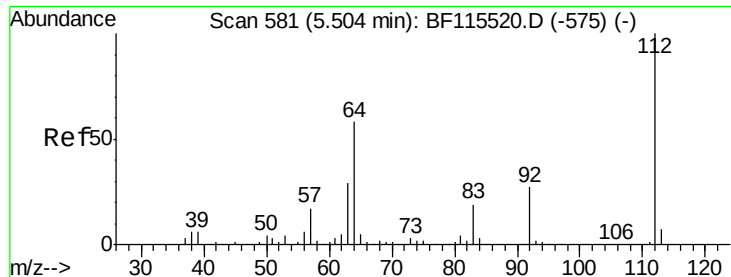
74 155.9 127.5 191.3

44 6.9 5.0 7.6



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: 81.314 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampled :

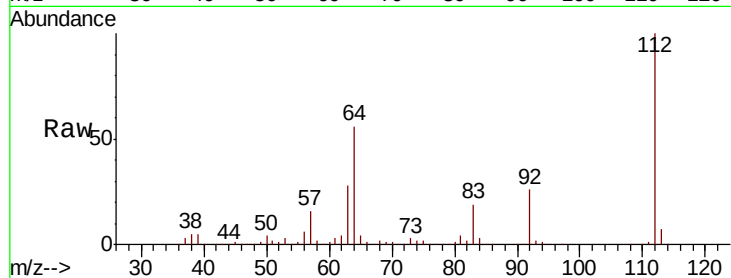
Tot Ion: 112 Resp: 903789

Ion Ratio Lower Upper

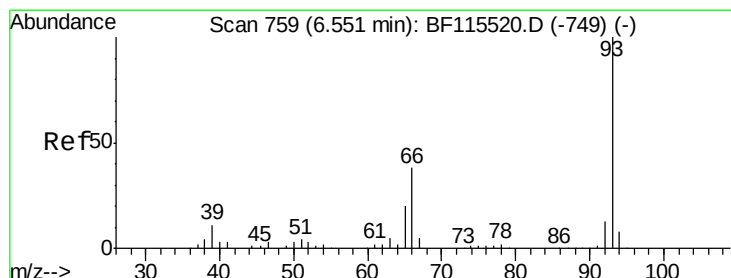
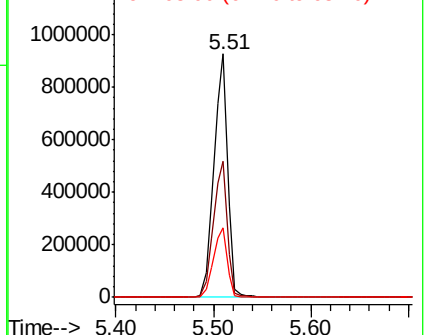
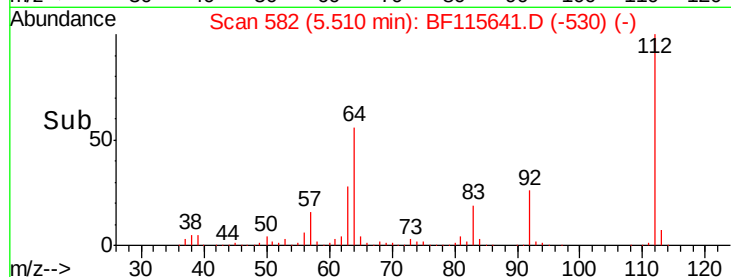
112 100

64 55.9 46.8 70.2

63 28.4 24.1 36.1



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: 41.705 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

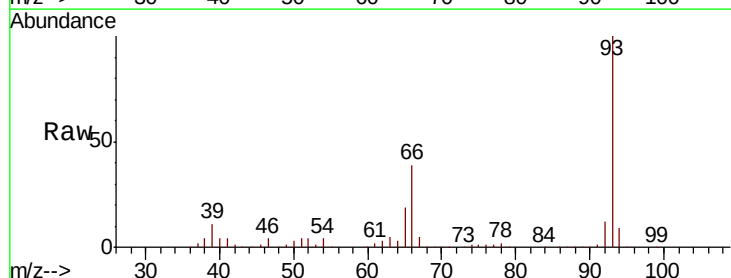
Tgt Ion: 93 Resp: 818543

Ion Ratio Lower Upper

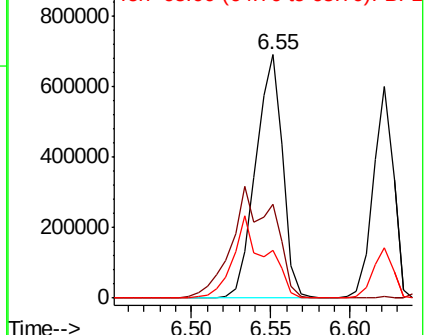
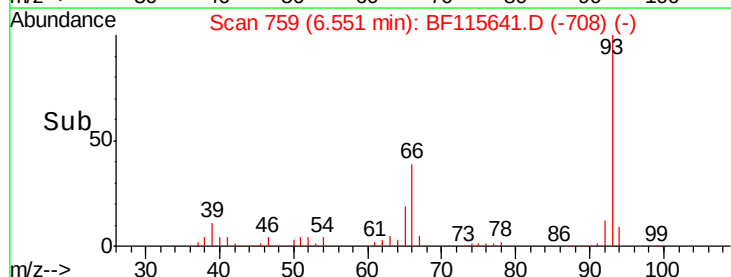
93 100

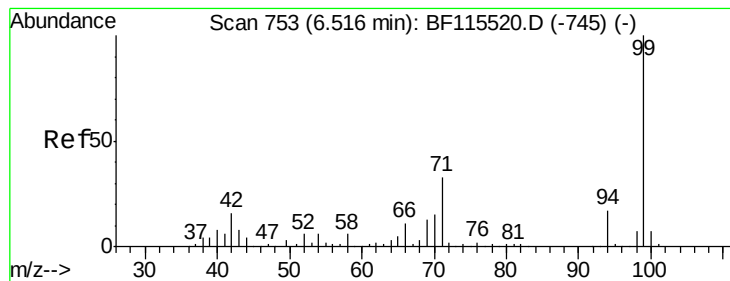
66 38.6 31.7 47.5

65 19.5 16.2 24.2



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: 83.182 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

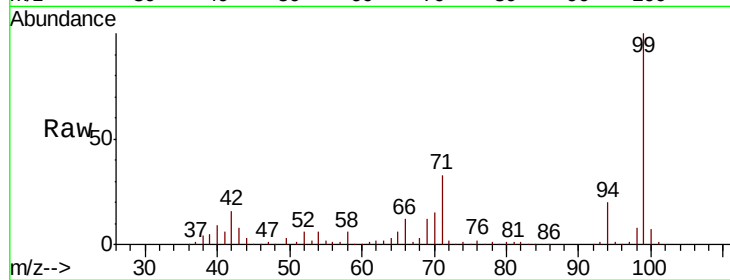
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1173150

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.6	20.4
71	33.2	28.5	42.7

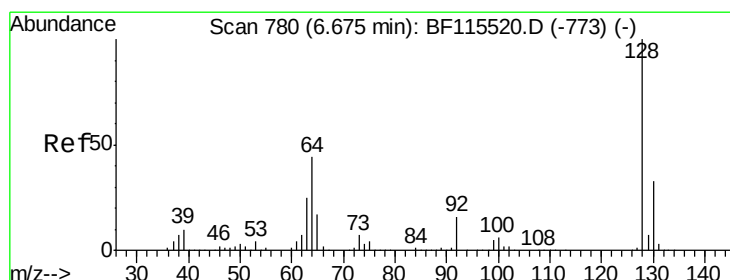
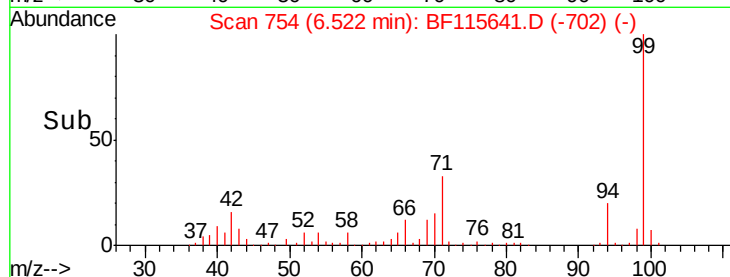
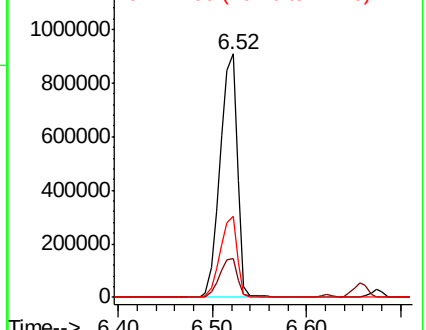


Abundance

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: 41.346 ng

RT: 6.67 min Scan# 780

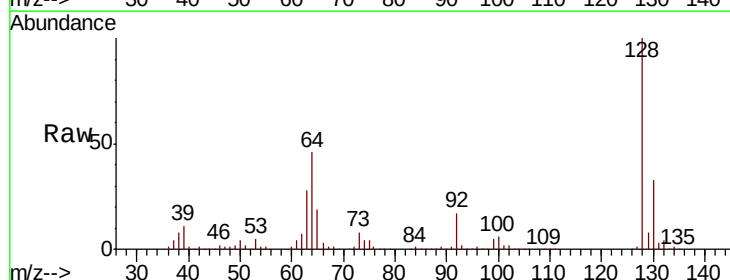
Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Tgt Ion: 128 Resp: 528350

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	46.5	26.8	66.8

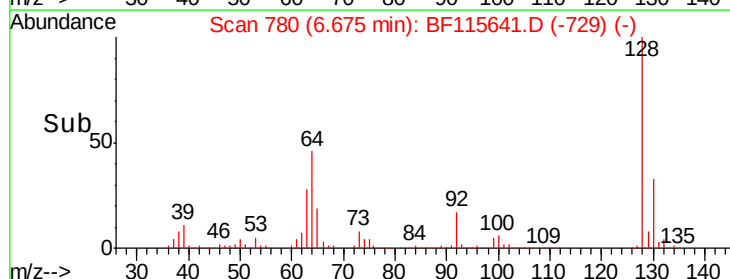
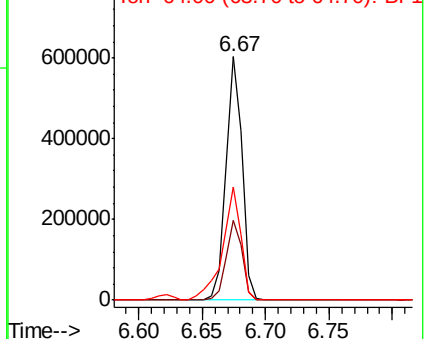


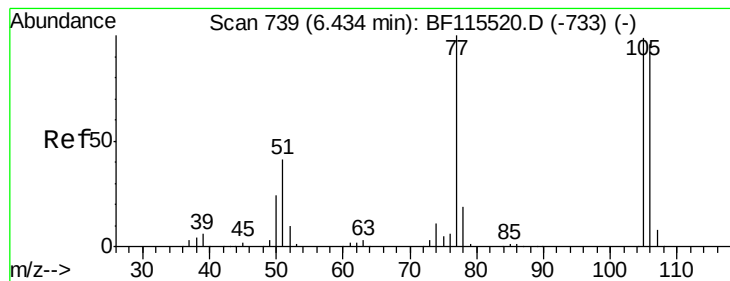
Abundance

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: 40.540 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

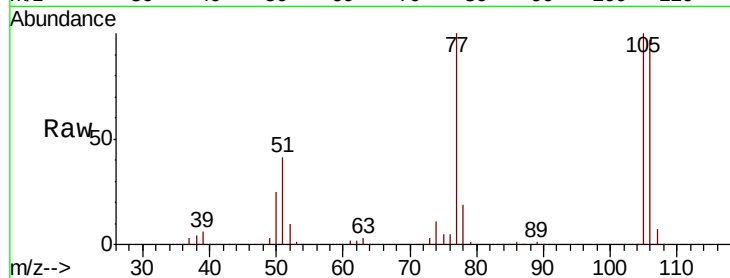
Tot Ion: 77 Resp: 357293

Ion Ratio Lower Upper

77 100

105 100.1 78.8 118.8

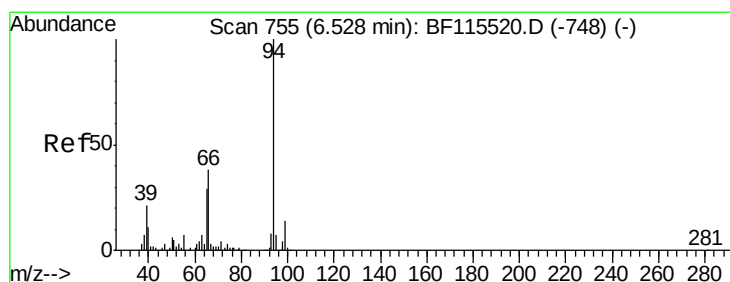
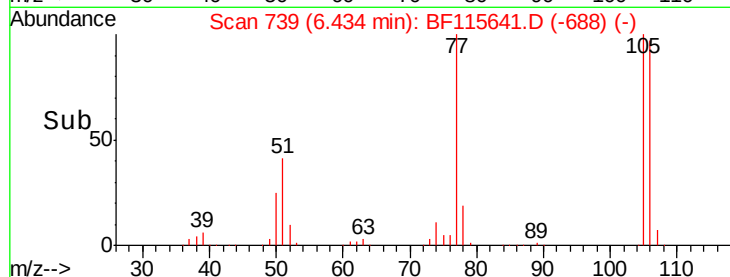
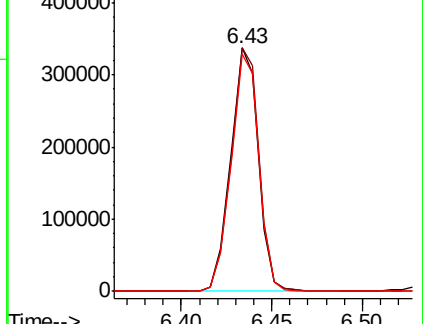
106 97.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.866 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

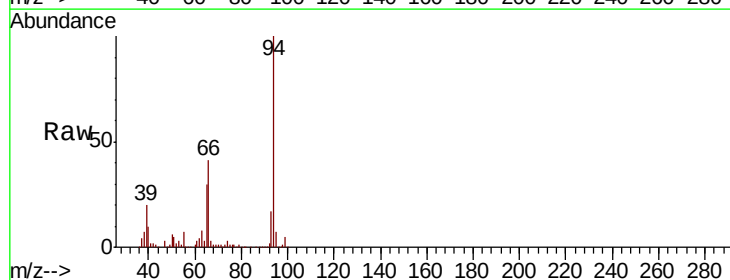
Tgt Ion: 94 Resp: 685427

Ion Ratio Lower Upper

94 100

65 30.0 14.5 54.5

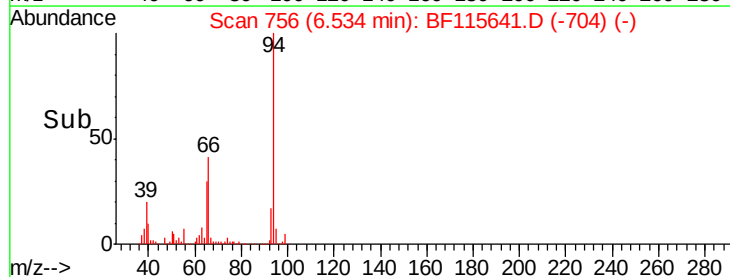
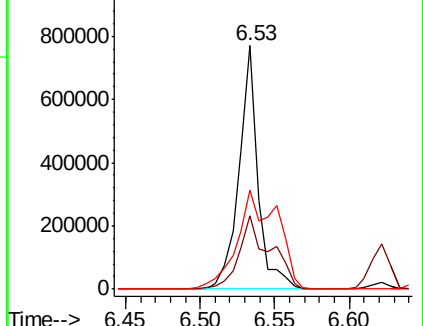
66 40.9 31.3 71.3

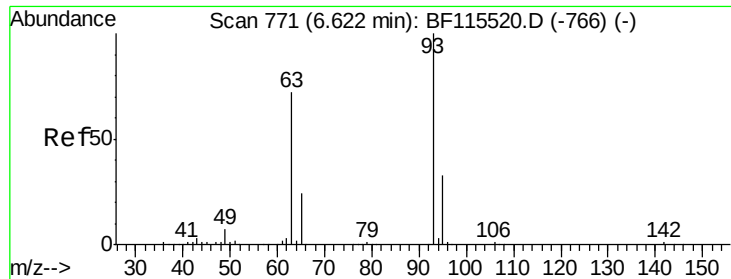


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.323 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

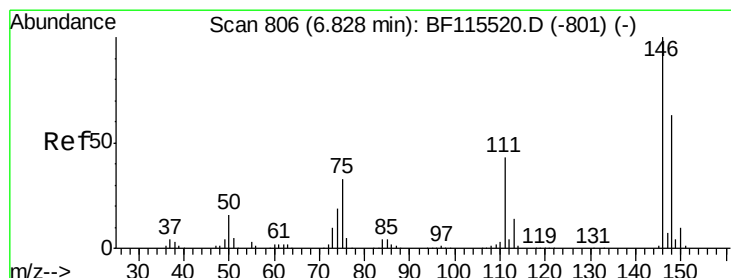
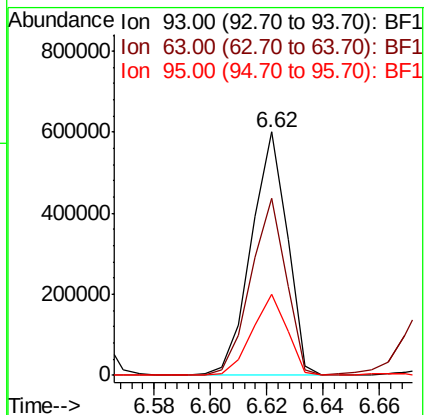
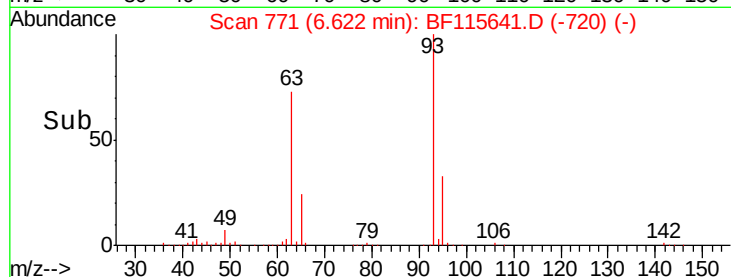
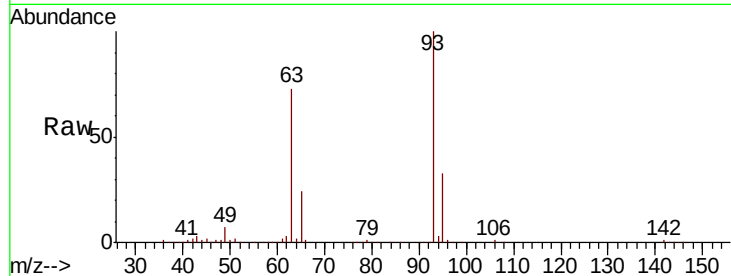
Tot Ion: 93 Resp: 527552

Ion Ratio Lower Upper

93 100

63 72.9 52.2 92.2

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 40.588 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

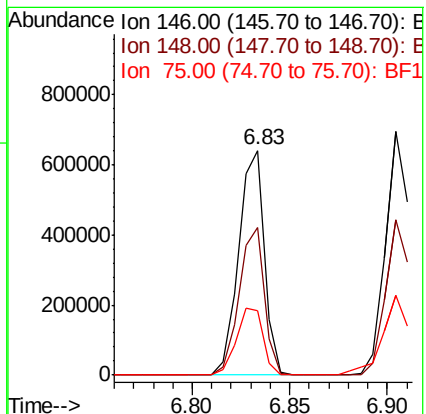
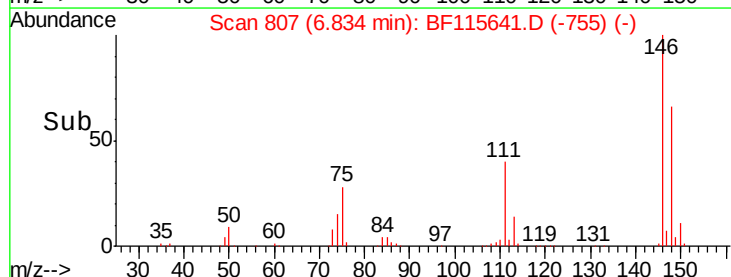
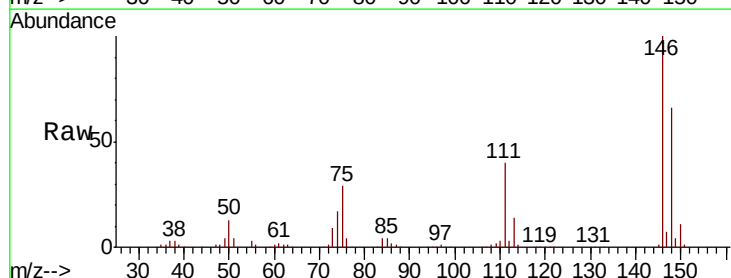
Tgt Ion: 146 Resp: 583150

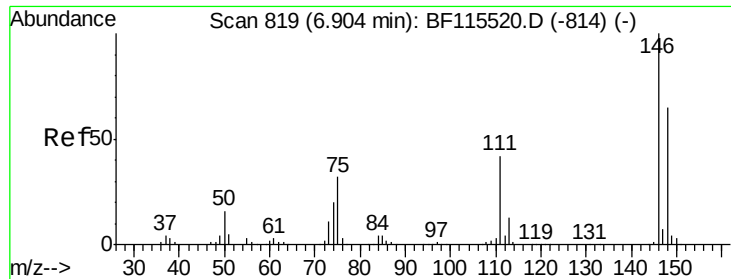
Ion Ratio Lower Upper

146 100

148 65.8 52.1 78.1

75 28.8 24.9 37.3

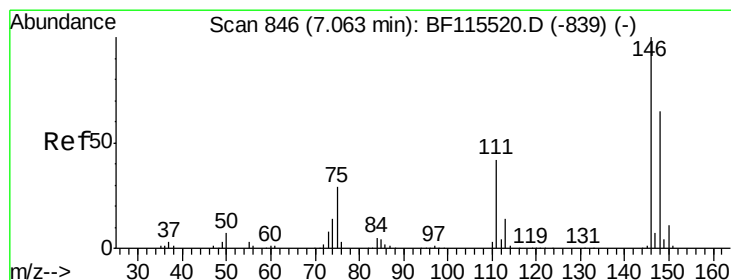
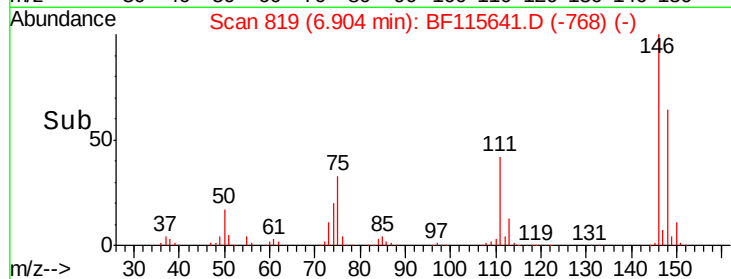
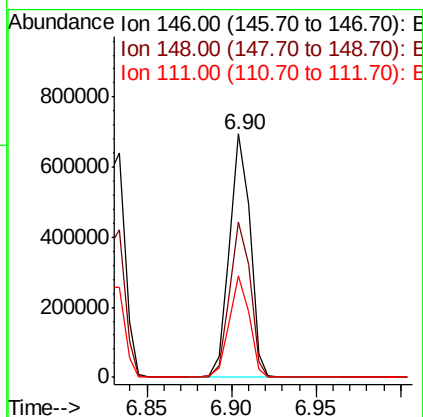
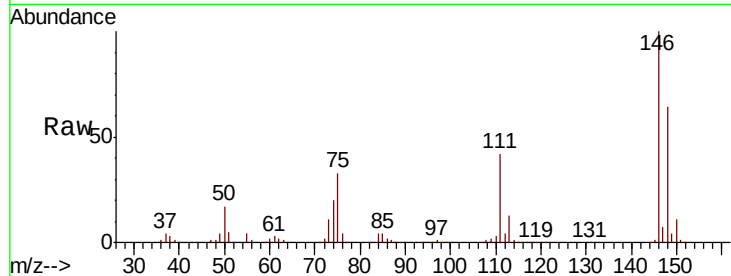




#13
 1,4-Dichlorobenzene
 Concen: 40.941 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

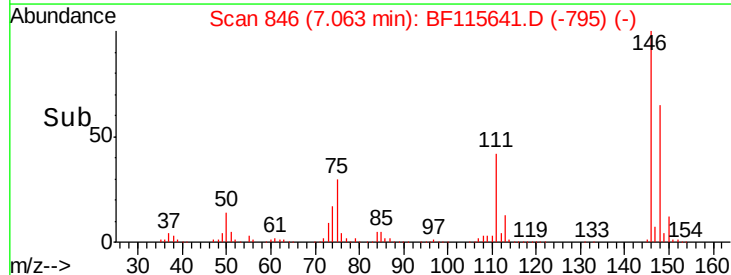
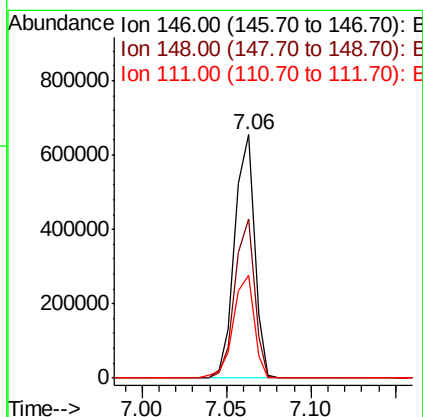
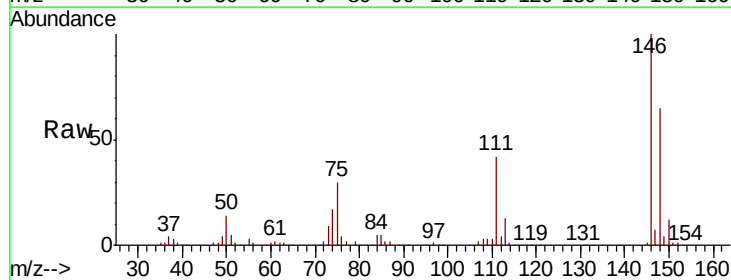
Instrument :
 BNA_F
 ClientSampleId :

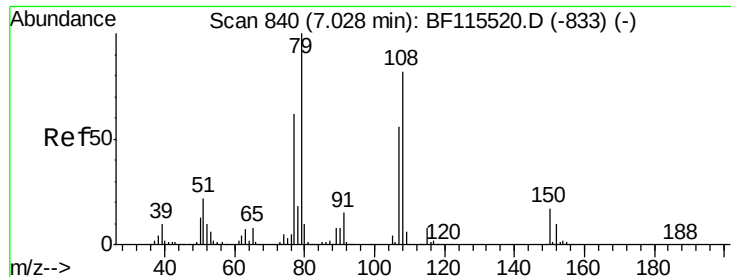
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	41.8	35.5	53.3



#14
 1,2-Dichlorobenzene
 Concen: 40.891 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	42.4	37.6	56.4

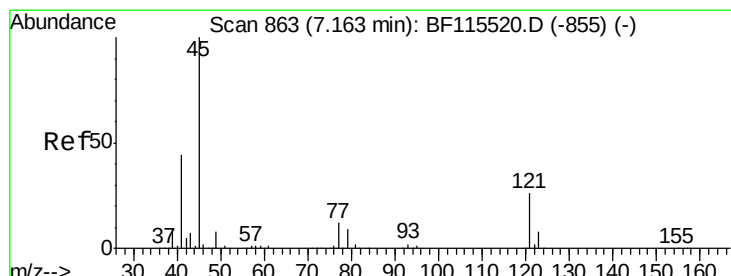
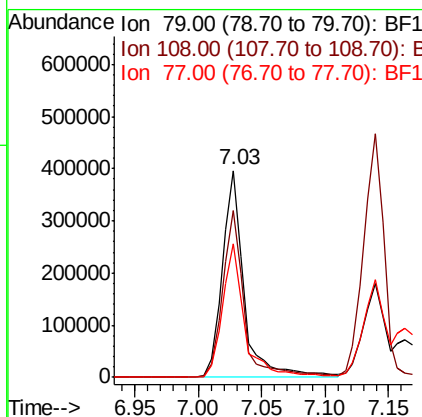
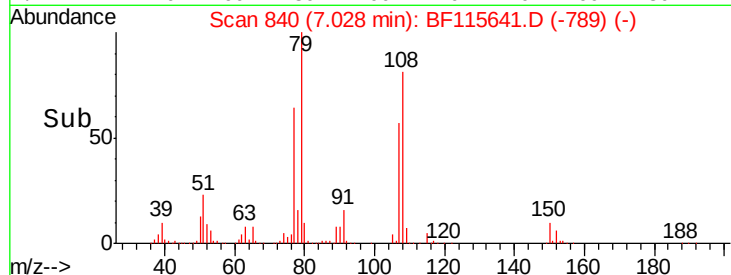
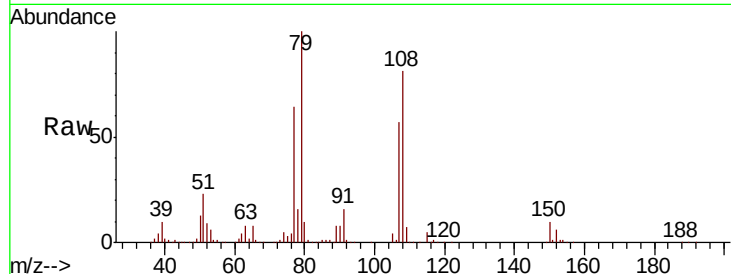




#15
Benzyl Alcohol
Concen: 42.293 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

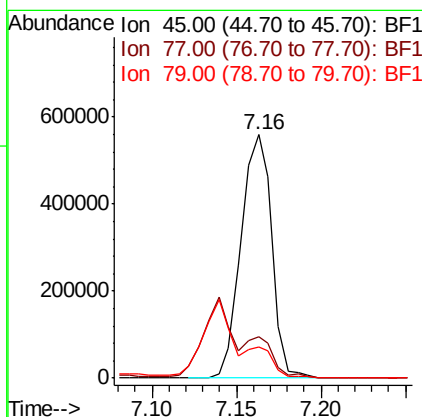
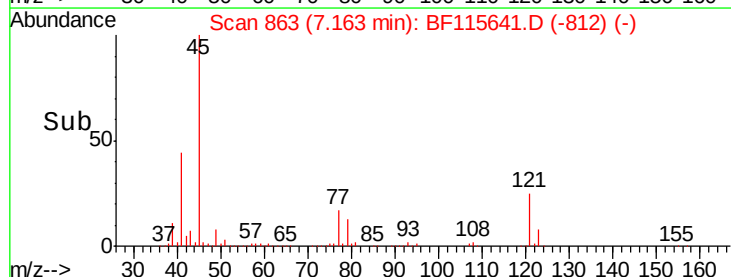
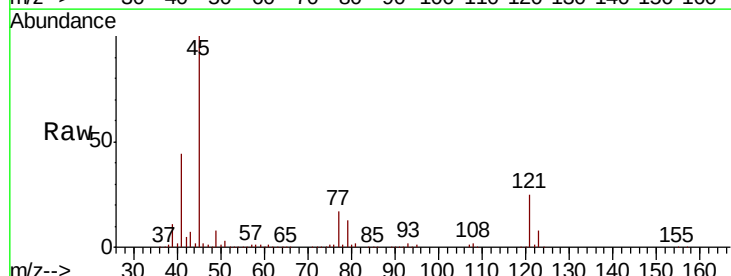
Instrument :
BNA_F
ClientSampleId :

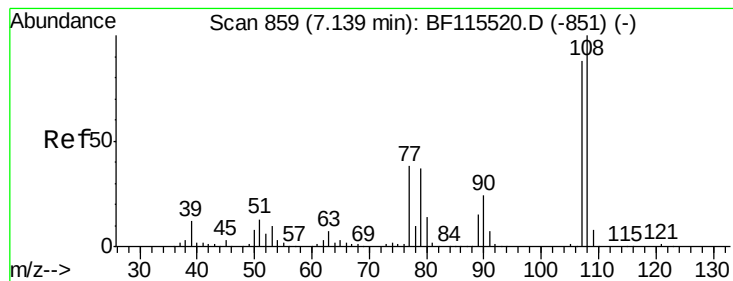
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	64.2	96.4
77	64.4	51.8	77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.145 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	38.1
79	12.9	0.0	34.1

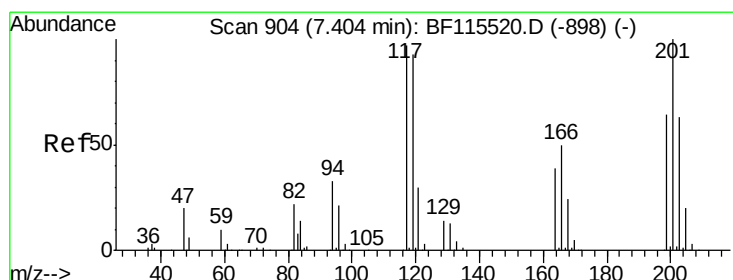
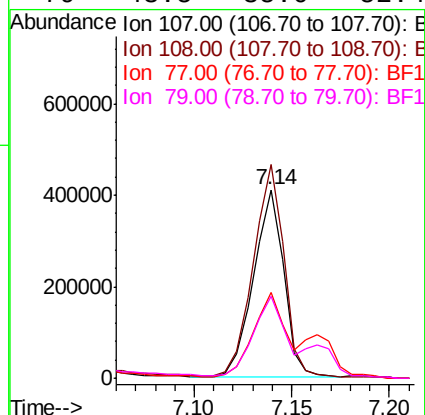
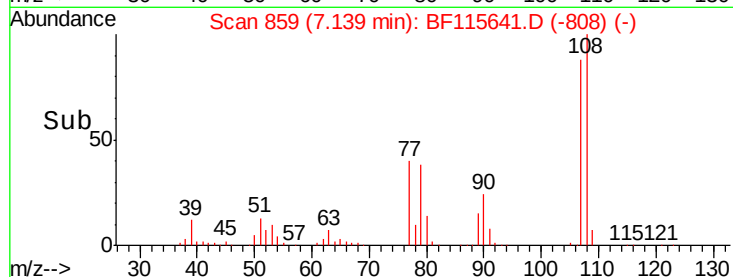
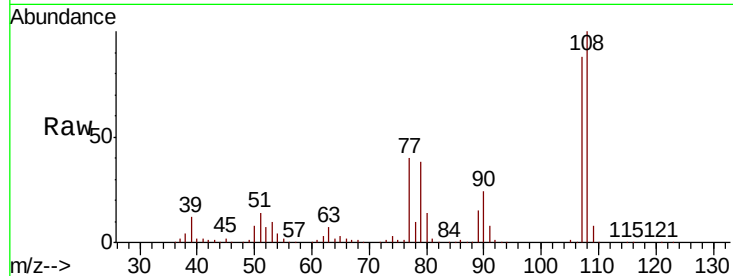




#17
2-Methylphenol
Concen: 40.019 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

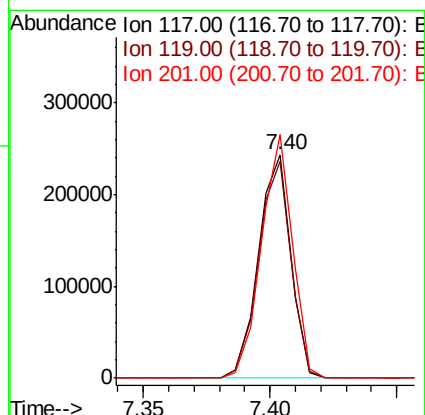
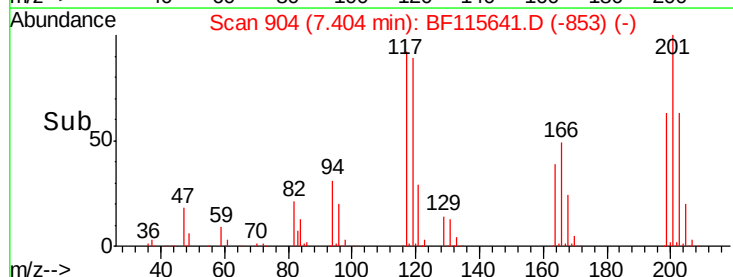
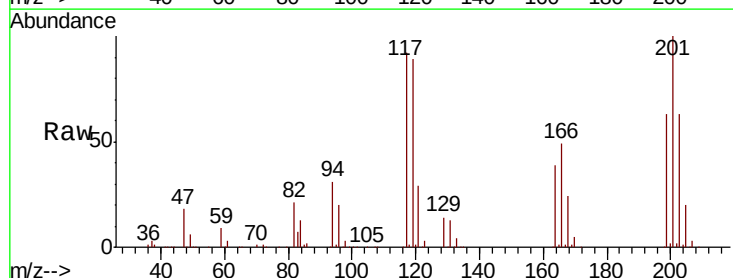
Instrument :
BNA_F
ClientSampleId :

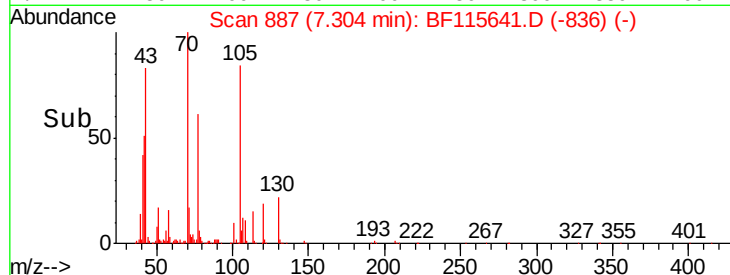
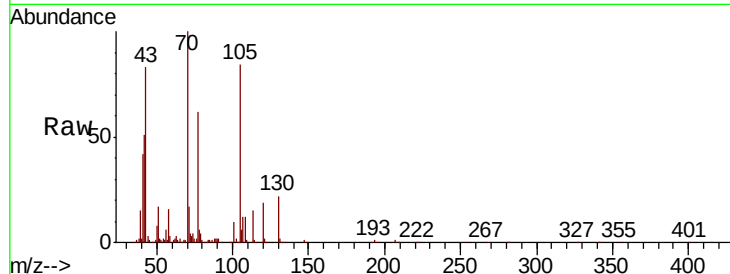
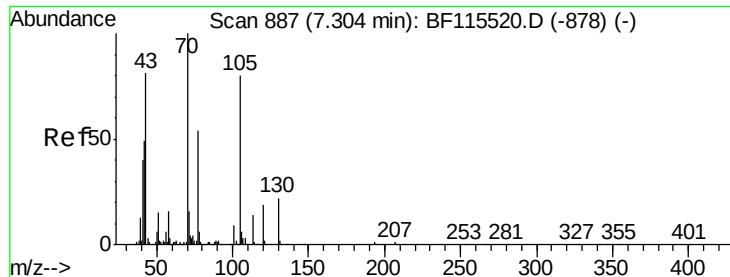
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.2
77	45.2	35.7	53.5
79	43.5	35.0	52.4



#18
Hexachloroethane
Concen: 40.750 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.7	116.5
201	109.0	86.0	129.0

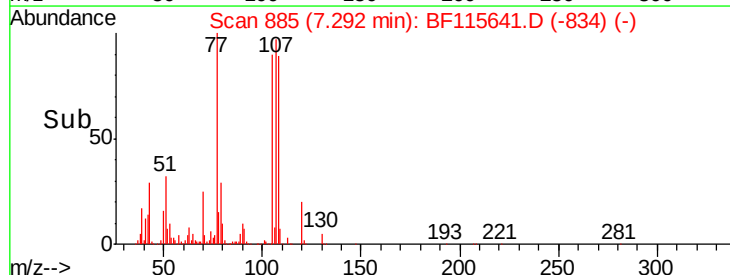
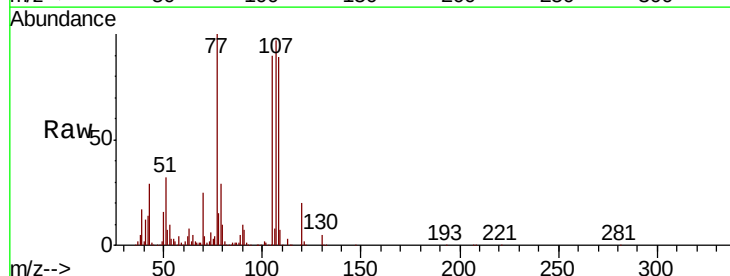
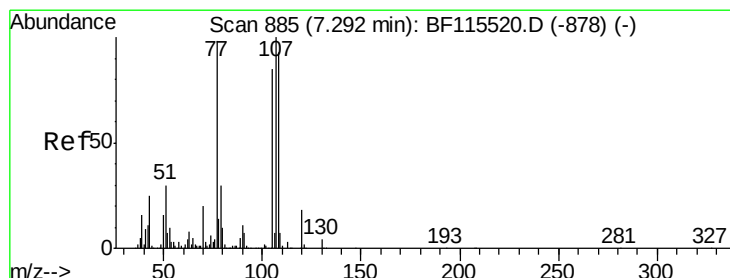
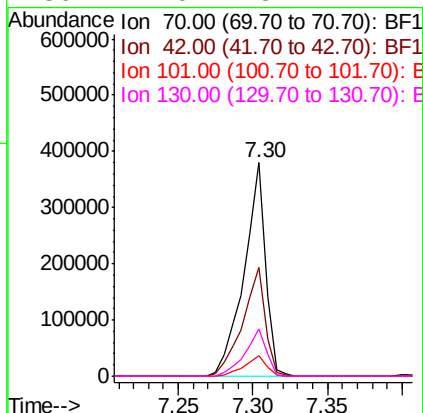




#19
n-Nitroso-di-n-propylamine
Concen: 41.506 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

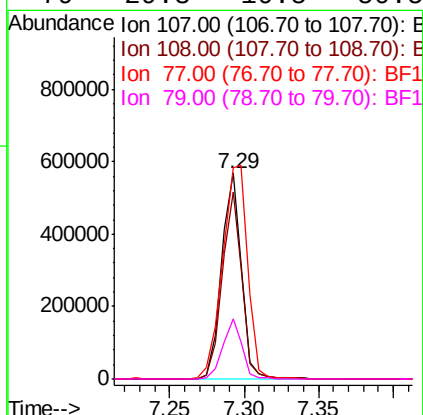
Instrument :
BNA_F
ClientSampleId :

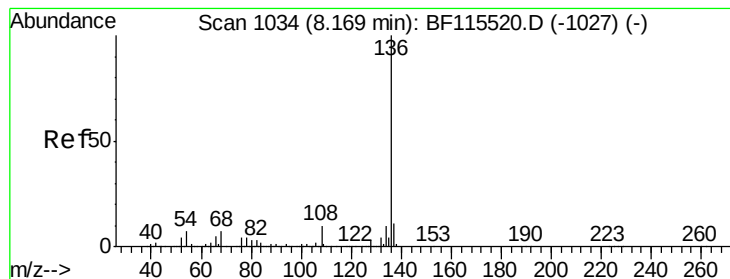
Tot Ion:	70	Resp:	381772
Ion	Ratio	Lower	Upper
70	100		
42	51.0	39.6	59.4
101	9.9	8.1	12.1
130	22.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.788 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:	107	Resp:	533543
Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.9	112.9
77	102.6	77.6	117.6
79	29.3	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 757068

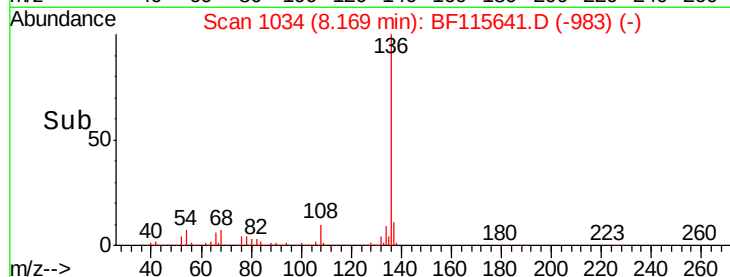
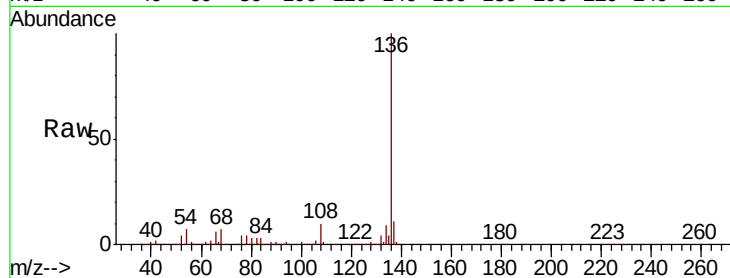
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.6 8.4

68 6.6 5.0 7.6



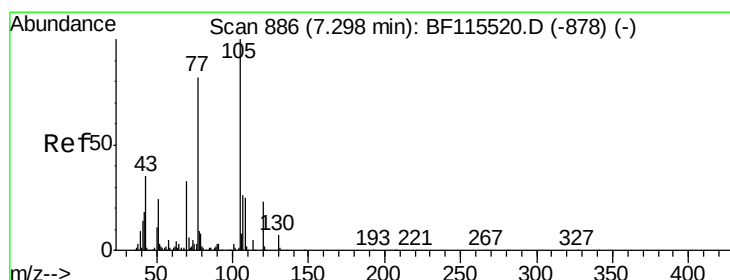
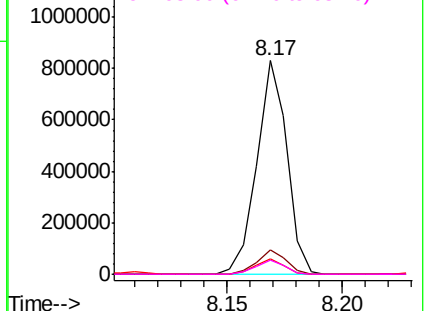
Abundance

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: 41.452 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Tgt Ion:105 Resp: 708958

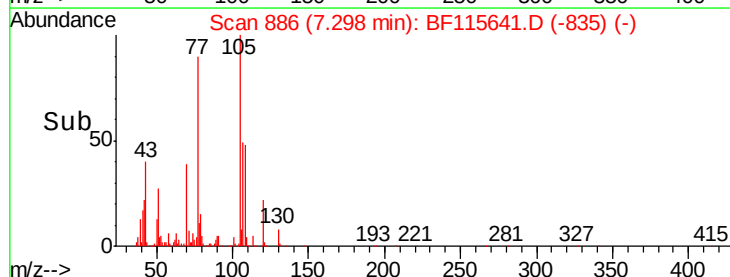
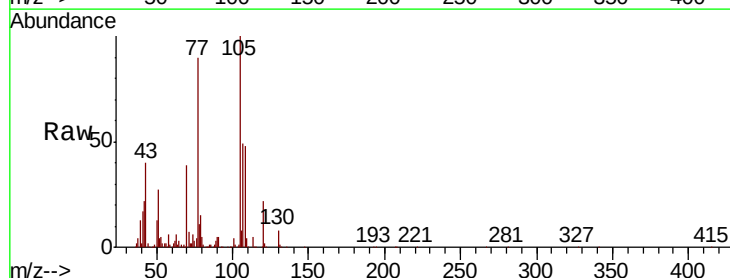
Ion Ratio Lower Upper

105 100

71 6.7 3.5 5.3#

51 27.2 25.6 38.4

120 22.2 17.9 26.9



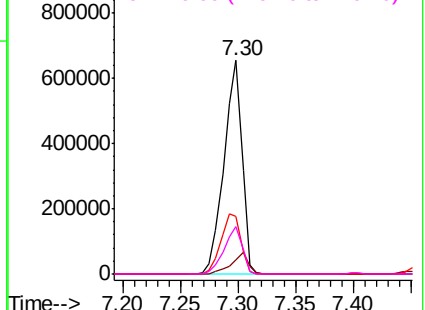
Abundance

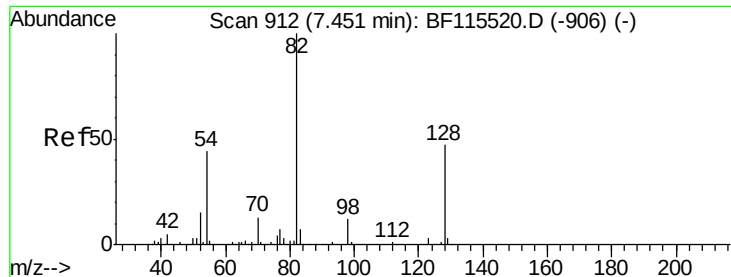
Ion 105.00 (104.70 to 105.70): E

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

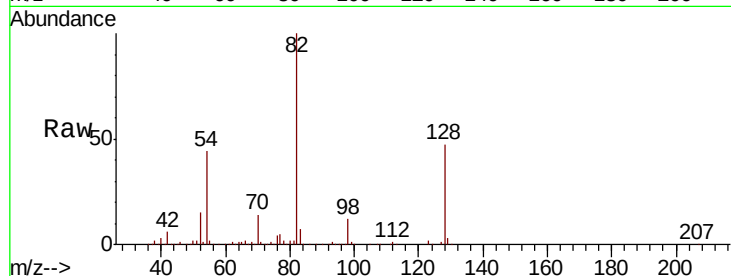




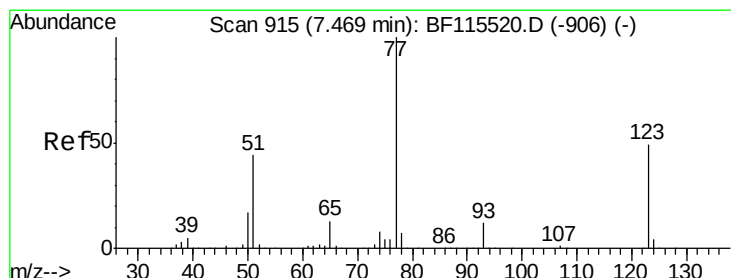
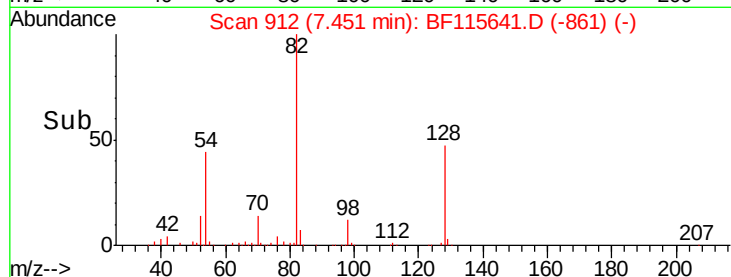
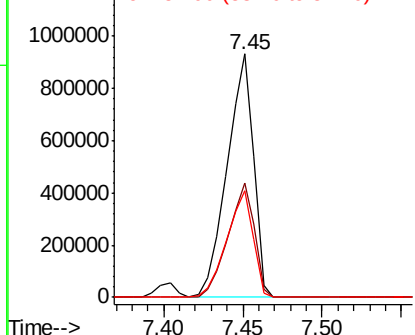
#23
 Nitrobenzene-d5
 Concen: 82.628 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1075812
 Ion Ratio Lower Upper
 82 100
 128 46.8 38.6 57.8
 54 43.8 35.6 53.4

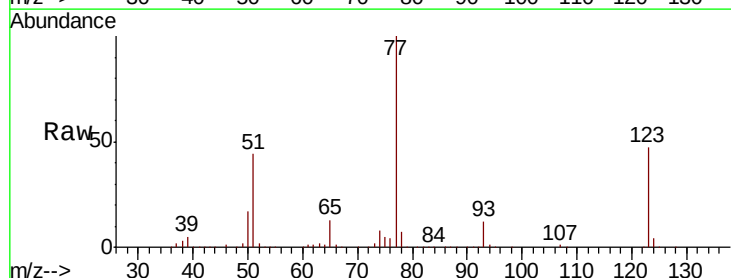


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

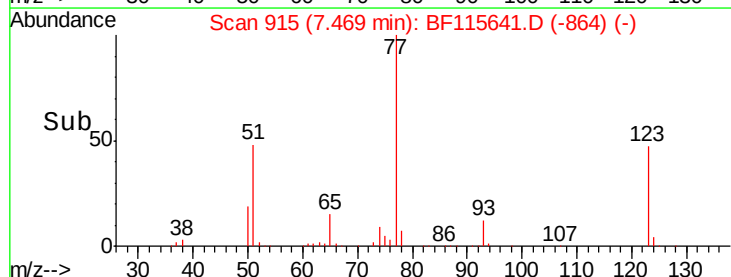
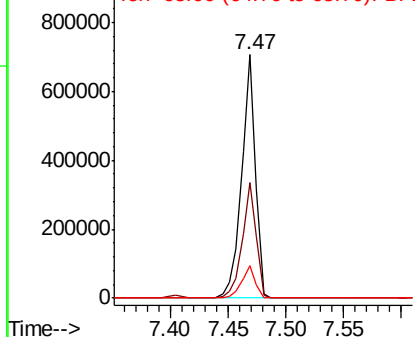


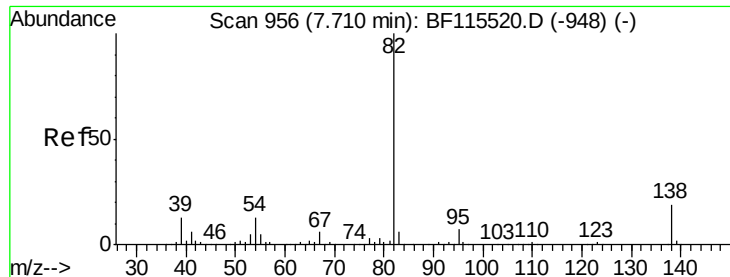
#24
 Nitrobenzene
 Concen: 41.839 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion: 77 Resp: 587548
 Ion Ratio Lower Upper
 77 100
 123 47.3 40.0 60.0
 65 13.4 11.0 16.4



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: 41.689 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

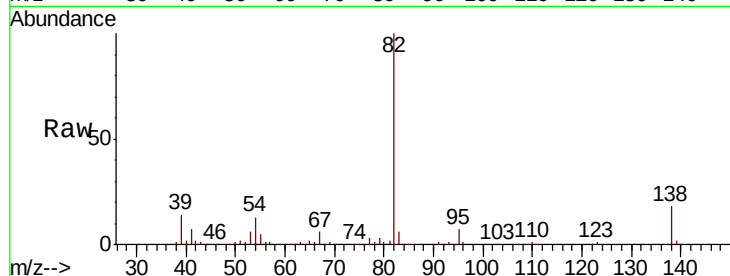
Tot Ion: 82 Resp: 1086135

Ion Ratio Lower Upper

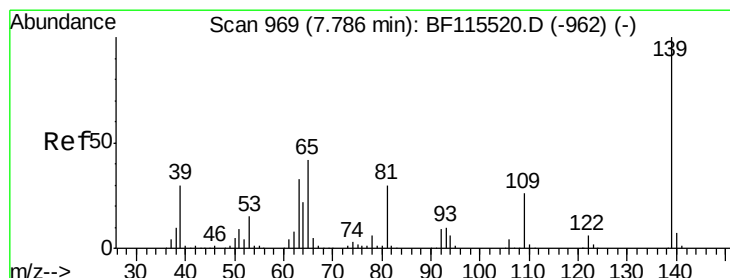
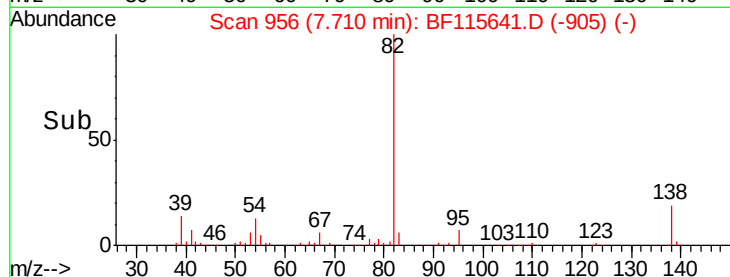
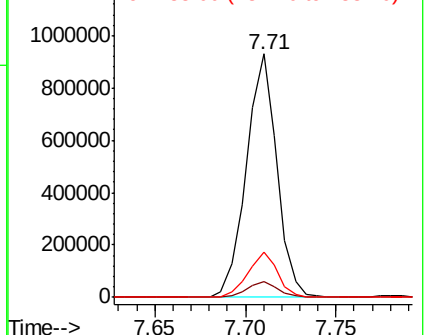
82 100

95 6.6 5.5 8.3

138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.768 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

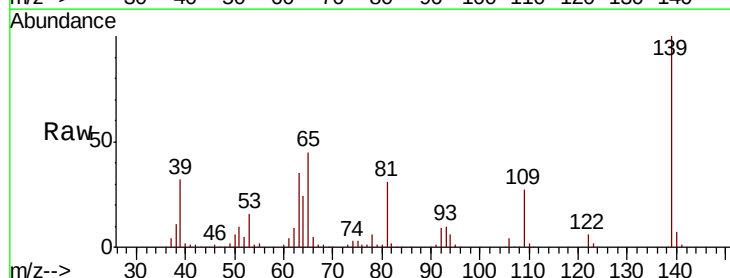
Tgt Ion: 139 Resp: 309142

Ion Ratio Lower Upper

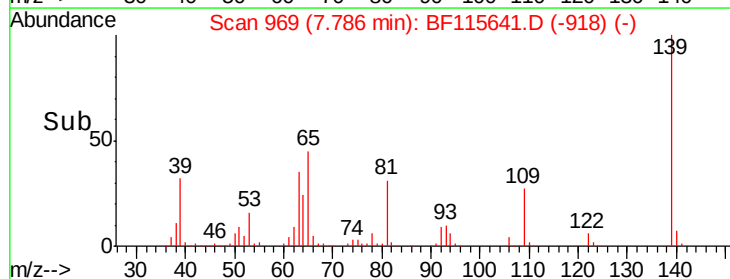
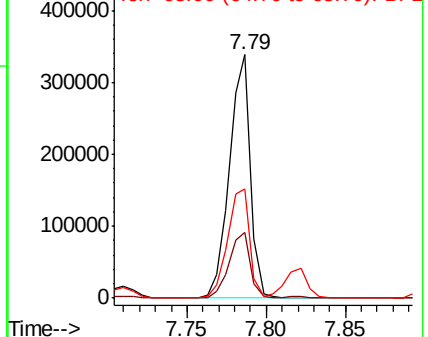
139 100

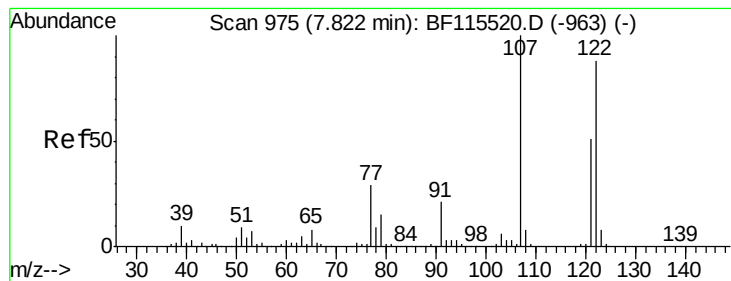
109 26.8 23.3 34.9

65 45.0 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 39.689 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

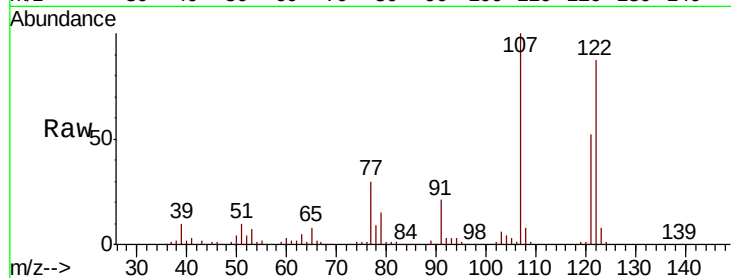
Tot Ion:122 Resp: 429246

Ion Ratio Lower Upper

122 100

107 114.7 92.9 139.3

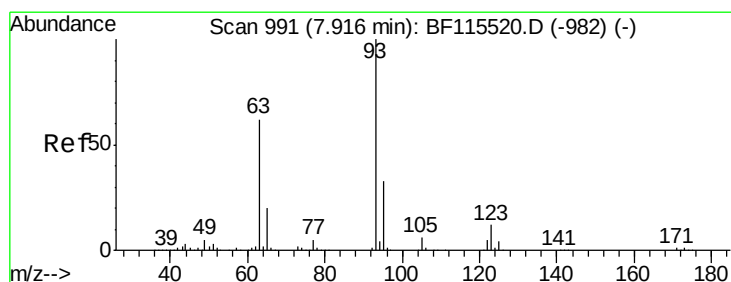
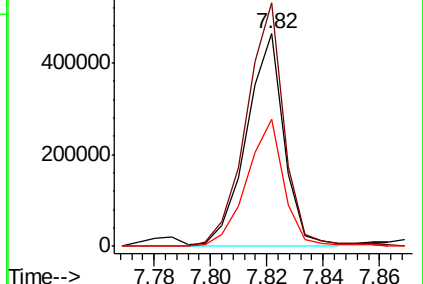
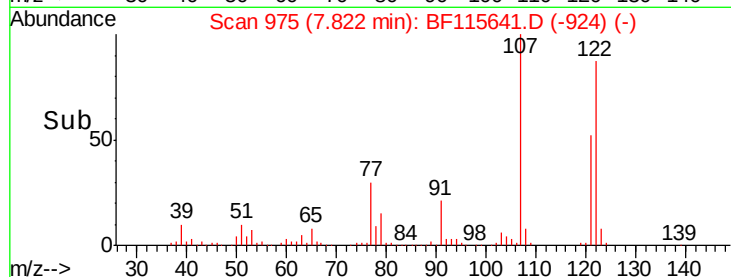
121 59.7 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.159 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

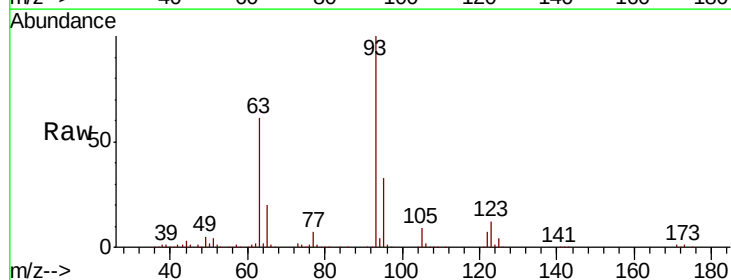
Tgt Ion: 93 Resp: 673823

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

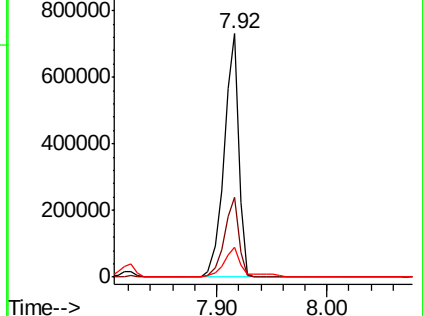
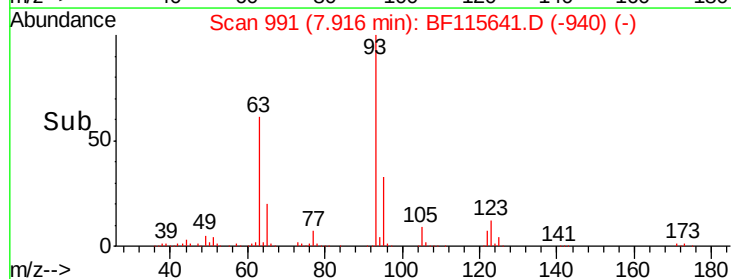
123 12.1 9.9 14.9

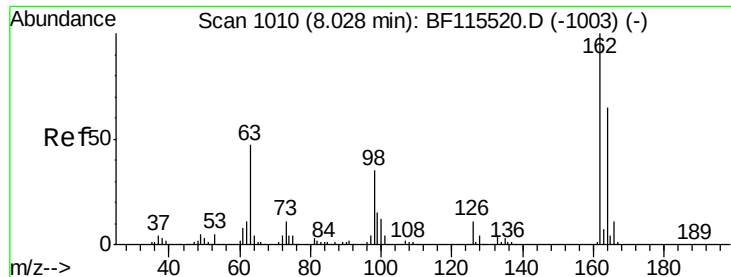


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

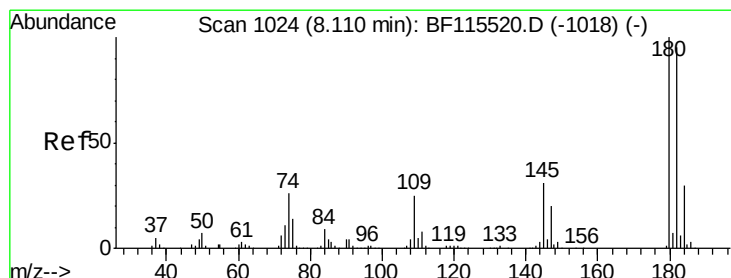
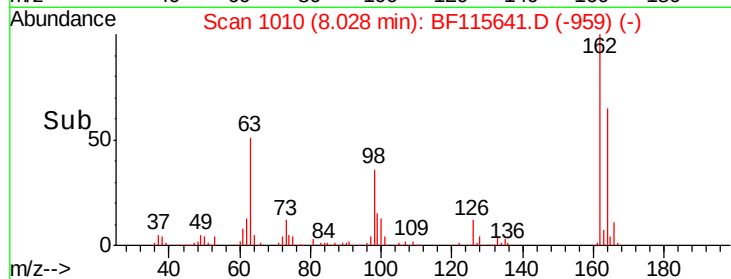
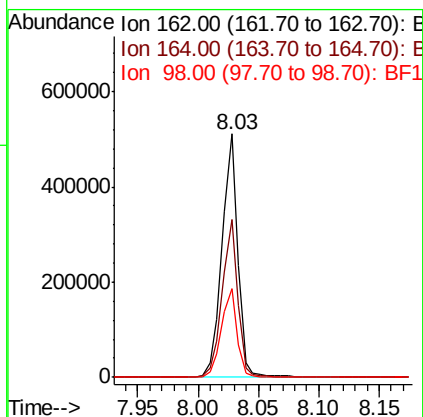
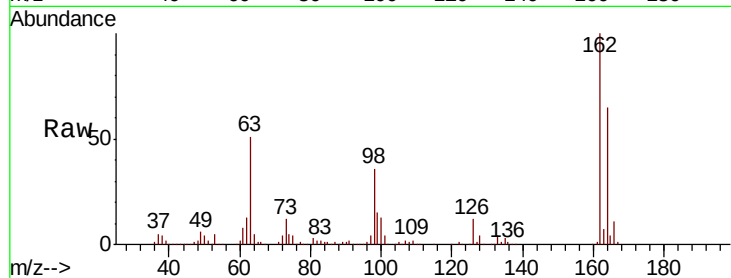




#29
 2,4-Dichlorophenol
 Concen: 41.319 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

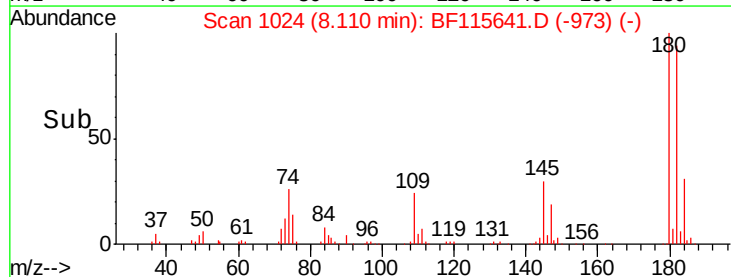
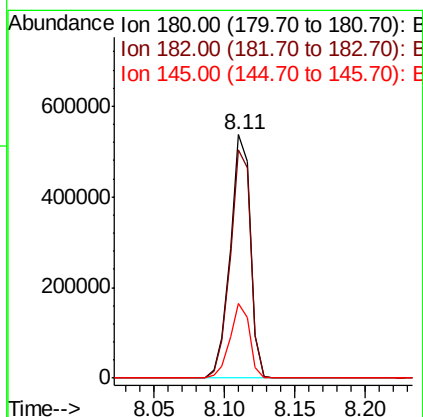
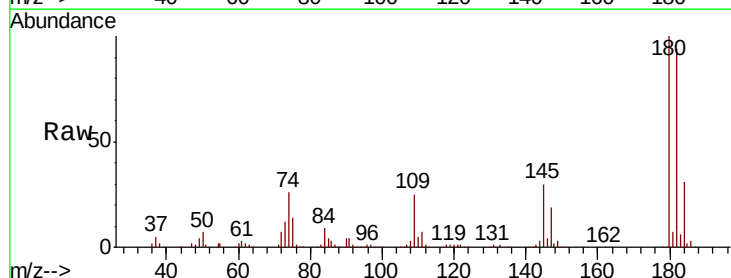
Instrument :
 BNA_F
 ClientSampleId :

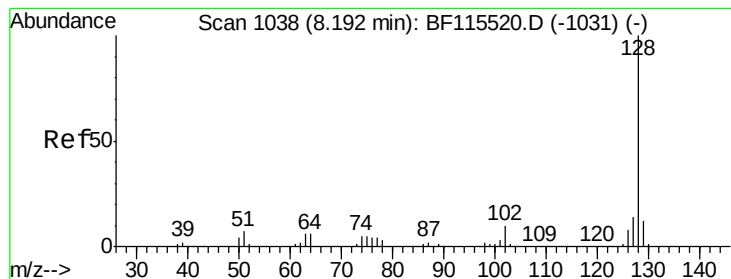
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.9	84.9
98	36.4	17.7	57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 41.926 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.0	112.6
145	30.5	25.1	37.7





#31

Naphthalene

Concen: 41.299 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampled :

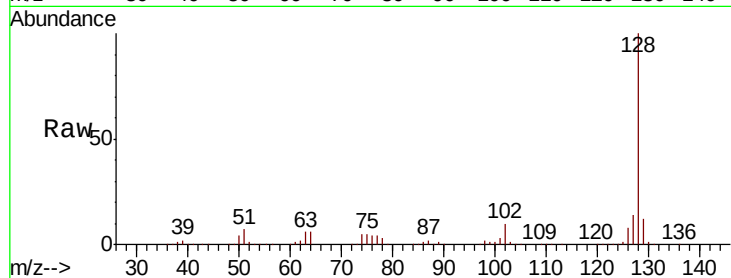
Tot Ion:128 Resp: 1514228

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

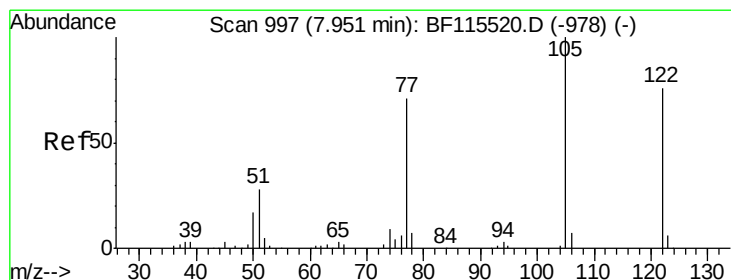
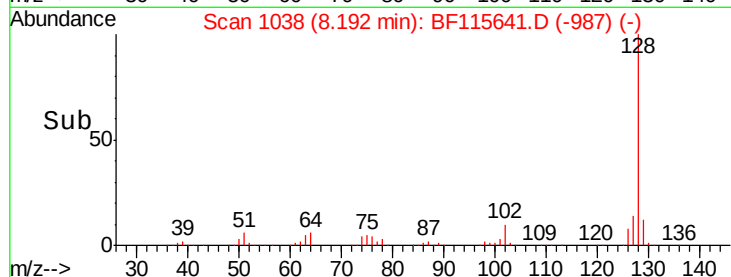
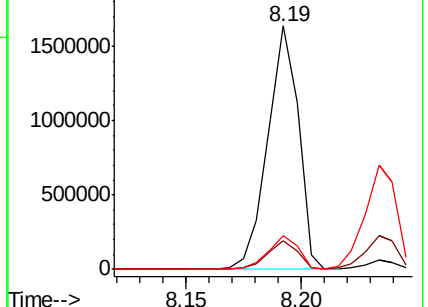
127 14.0 12.1 18.1



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: 39.657 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

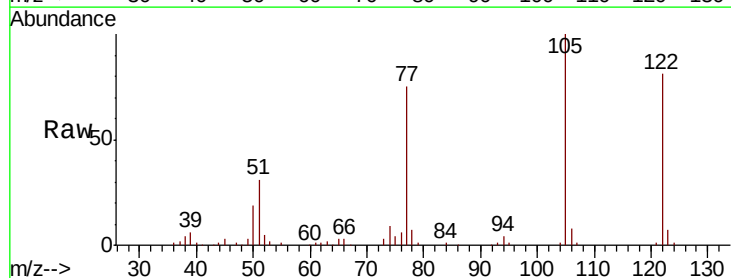
Tgt Ion:122 Resp: 351980

Ion Ratio Lower Upper

122 100

105 122.9 102.5 142.5

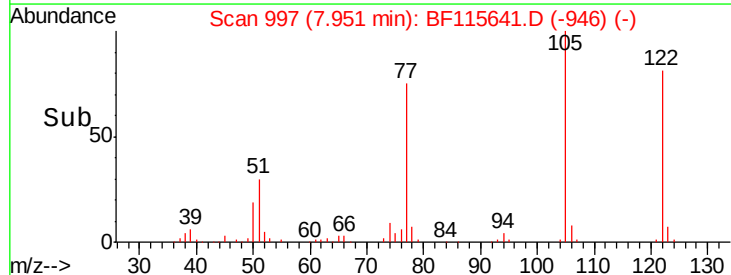
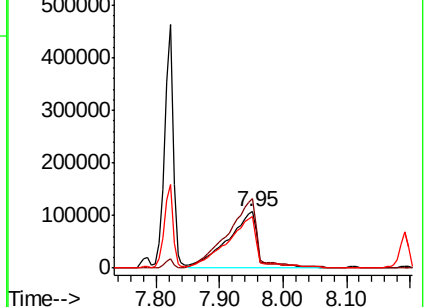
77 92.0 70.2 110.2

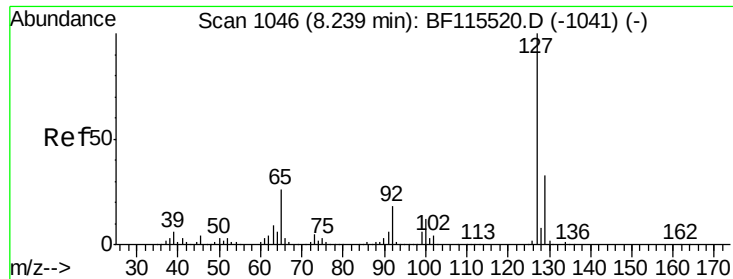


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

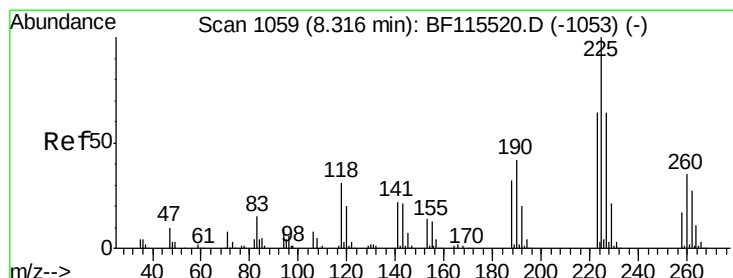
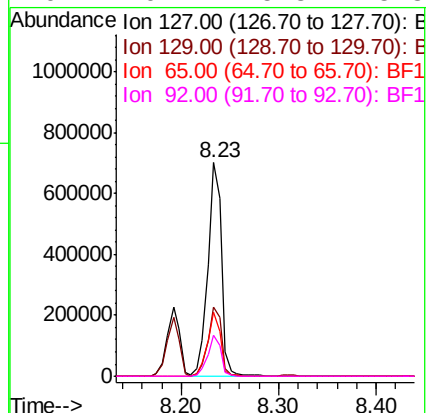
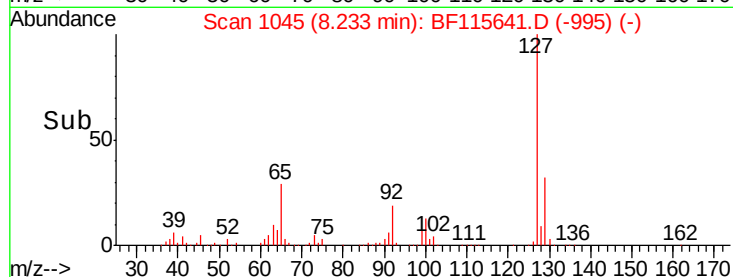
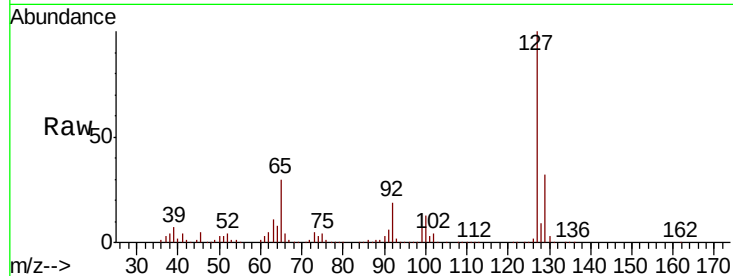




#33
 4-Chloroaniline
 Concen: 41.965 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

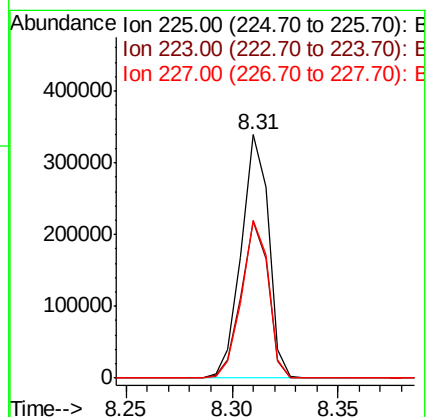
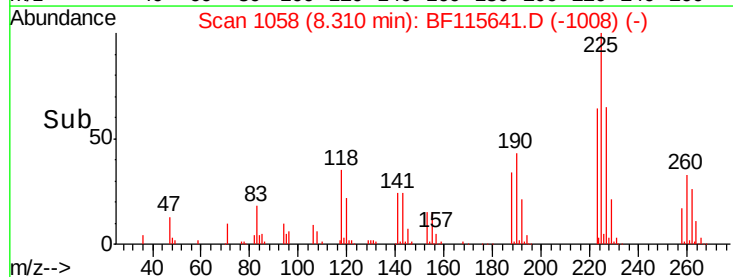
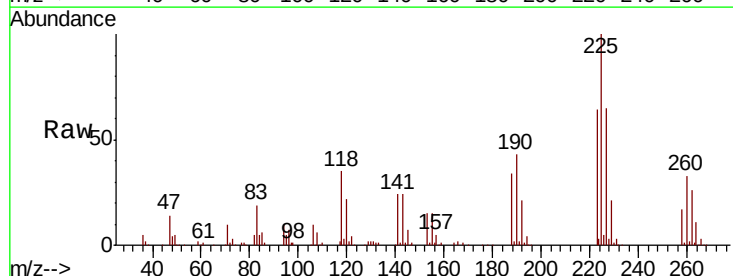
Instrument :
 BNA_F
 ClientSampleId :

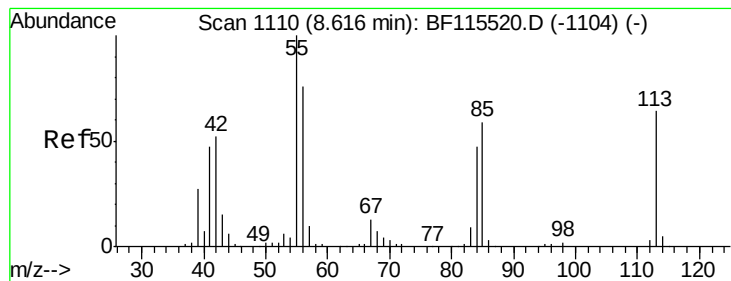
Tot Ion:	127	Resp:	681545
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	29.9	23.7	35.5
92	19.4	15.8	23.8



#34
 Hexachlorobutadiene
 Concen: 41.698 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion:	225	Resp:	304019
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.9	76.3
227	64.6	50.7	76.1





#35

Caprolactam

Concen: 42.948 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

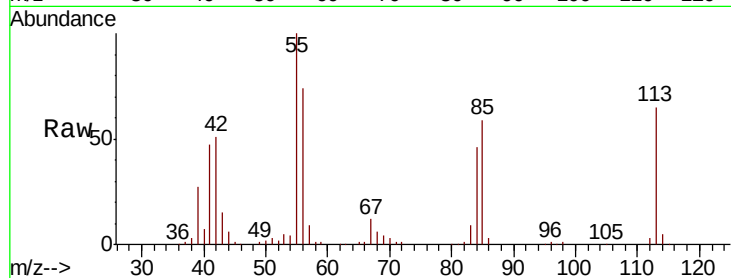
Tot Ion:113 Resp: 149275

Ion Ratio Lower Upper

113 100

55 154.4 126.9 166.9

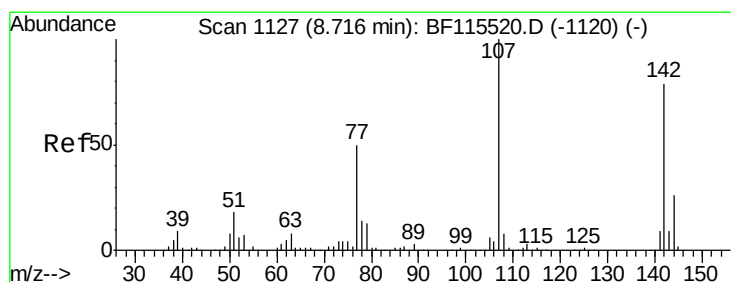
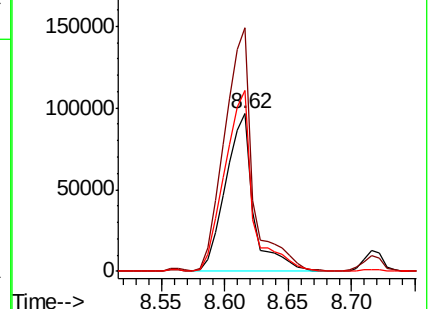
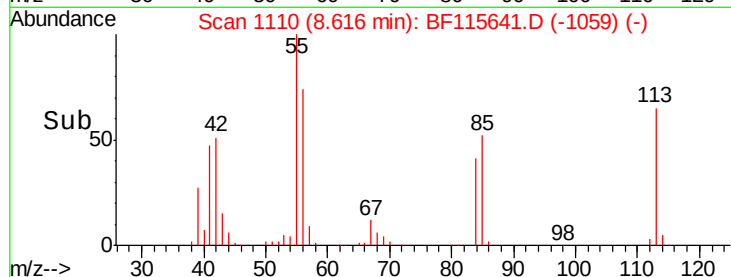
56 114.7 90.3 130.3



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: 41.565 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

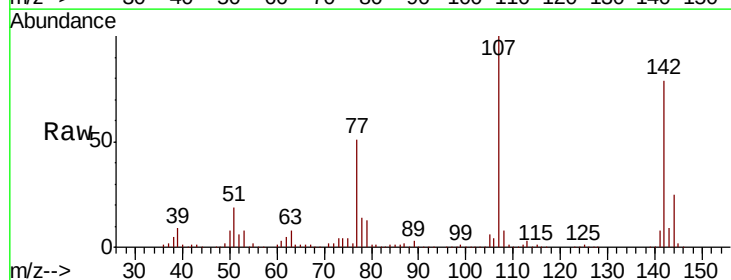
Tgt Ion:107 Resp: 484951

Ion Ratio Lower Upper

107 100

144 25.2 20.6 30.8

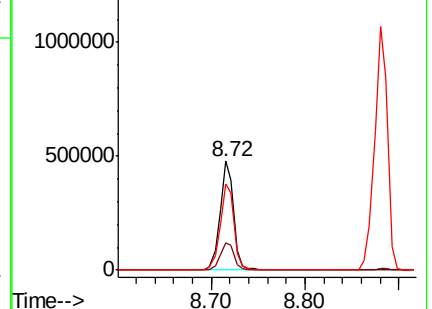
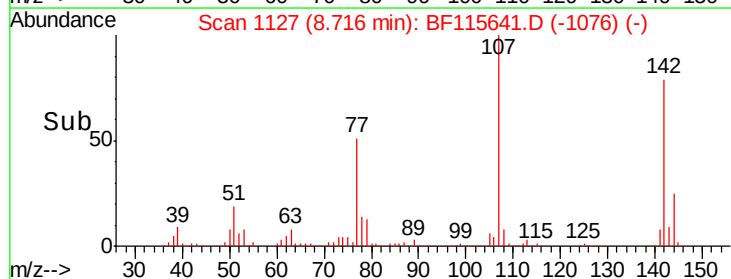
142 78.8 63.1 94.7

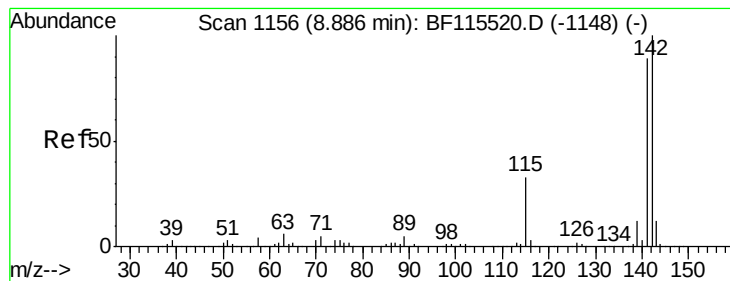


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.871 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

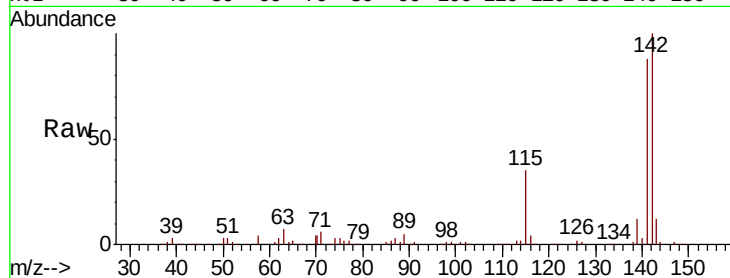
Tot Ion:142 Resp: 1017630

Ion Ratio Lower Upper

142 100

141 87.7 72.0 108.0

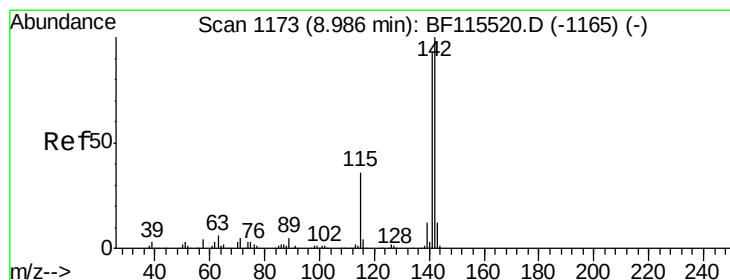
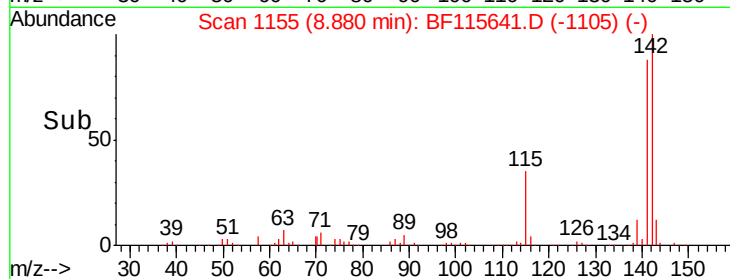
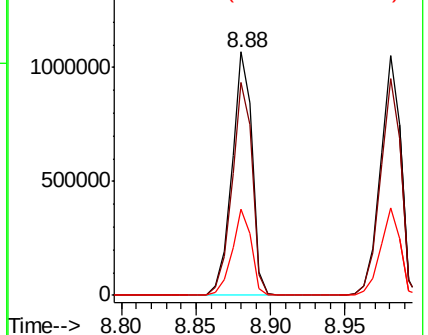
115 35.2 29.9 44.9



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: 42.039 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

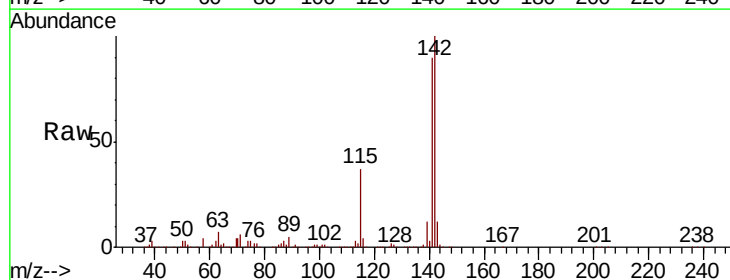
Tgt Ion:142 Resp: 970481

Ion Ratio Lower Upper

142 100

141 90.3 75.3 112.9

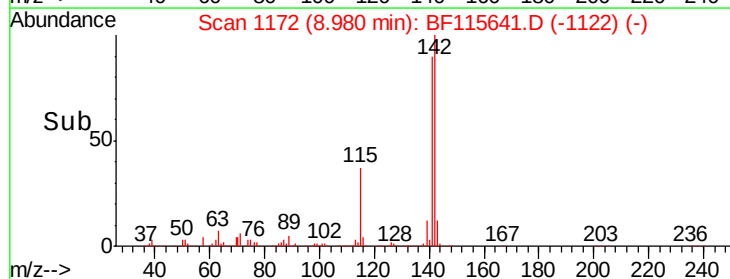
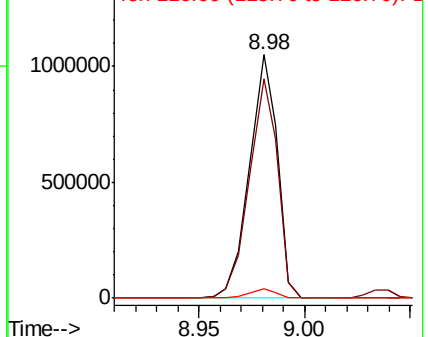
116 4.0 3.3 4.9

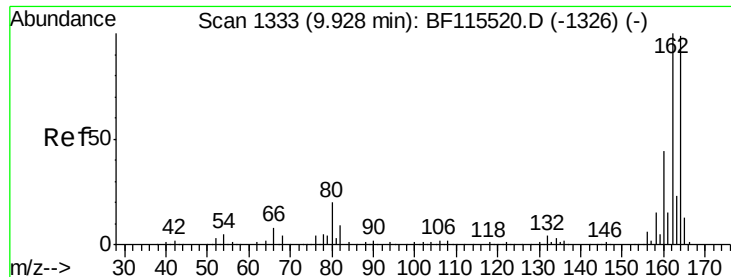


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

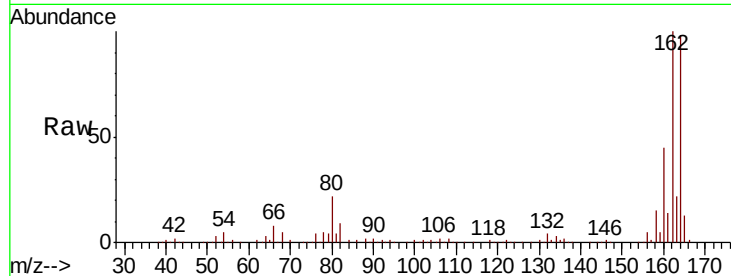




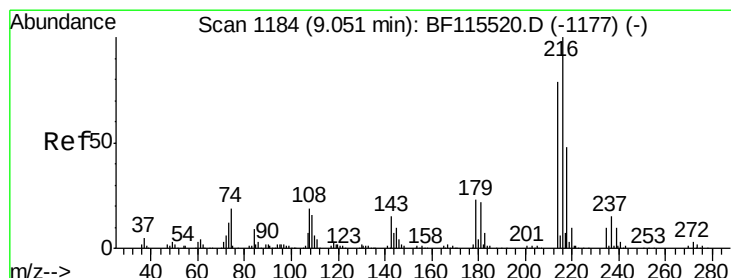
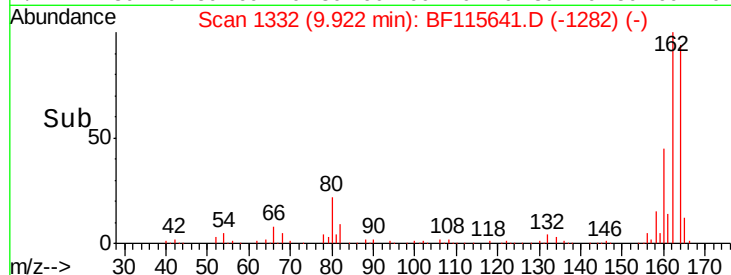
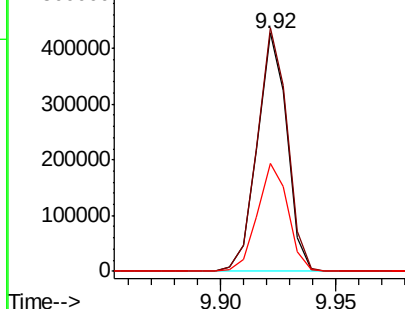
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 384496
Ion Ratio Lower Upper
164 100
162 102.1 82.9 124.3
160 45.5 36.8 55.2

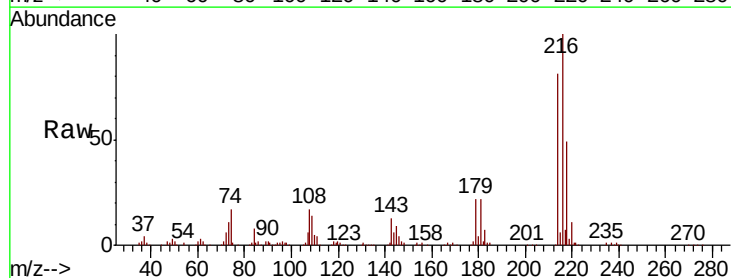


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

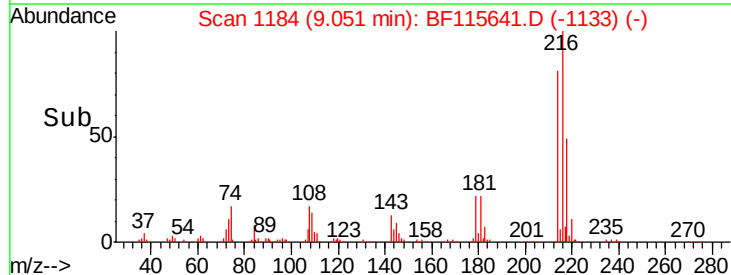
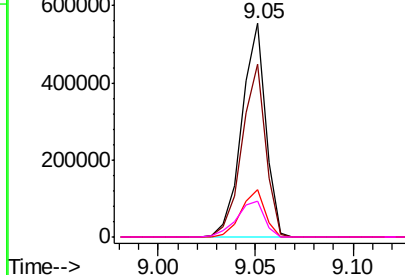


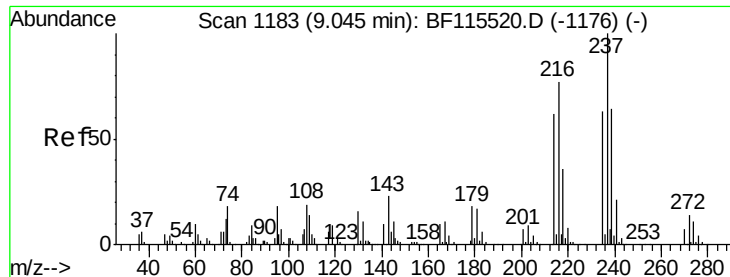
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.732 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:216 Resp: 471614
Ion Ratio Lower Upper
216 100
214 80.1 65.1 97.7
179 22.1 18.3 27.5
108 19.7 15.7 23.5



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

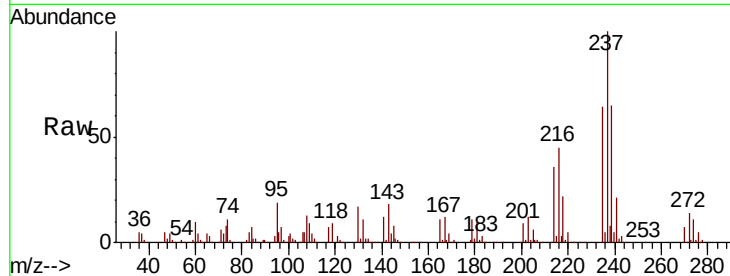




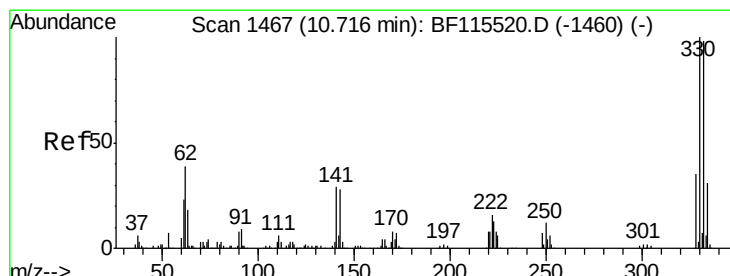
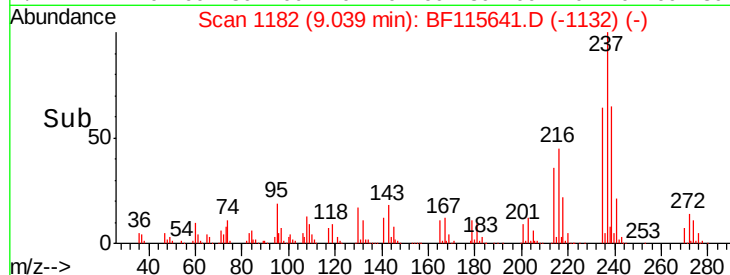
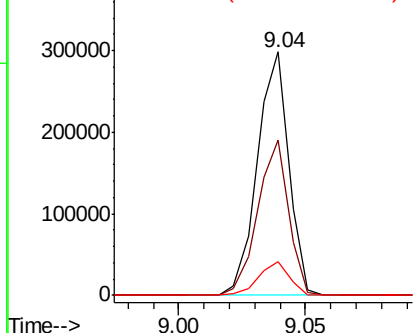
#41
Hexachlorocyclopentadiene
Concen: 39.190 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 258844
Ion Ratio Lower Upper
237 100
235 63.9 43.6 83.6
272 13.8 0.0 33.9

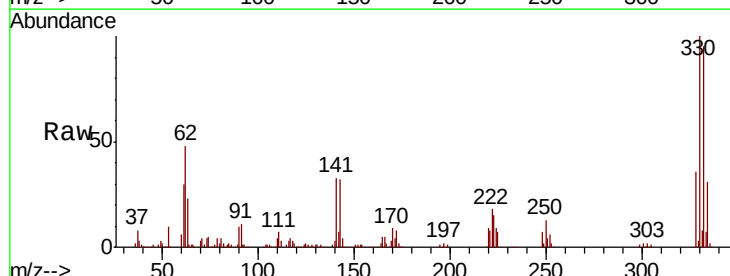


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

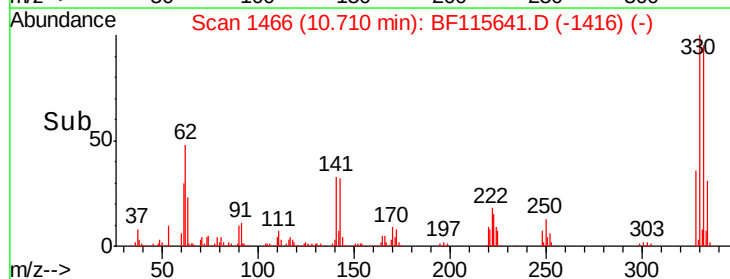
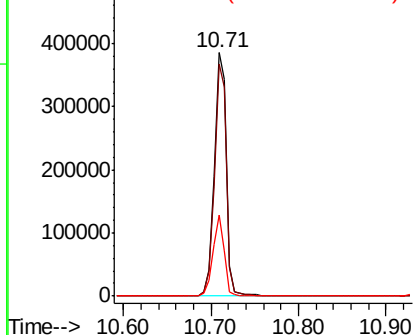


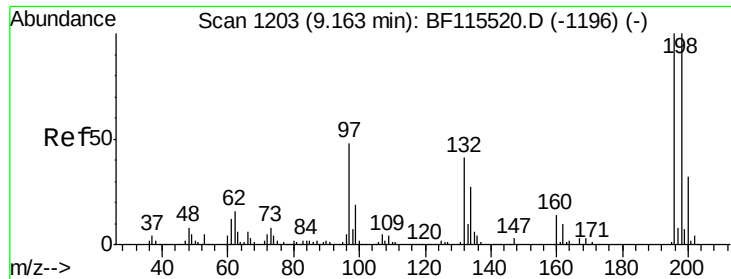
#42
2,4,6-Tribromophenol
Concen: 82.148 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:330 Resp: 368679
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.2
141 31.2 22.4 33.6



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

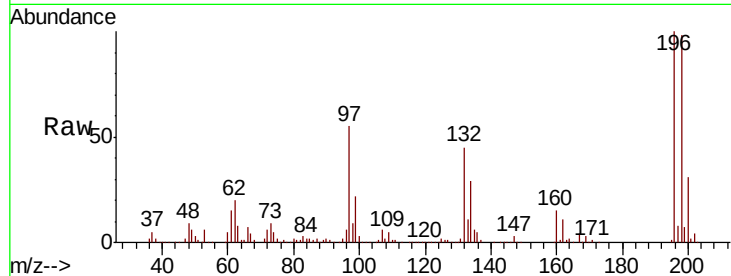




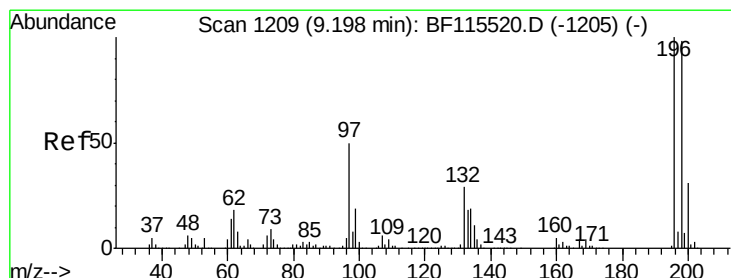
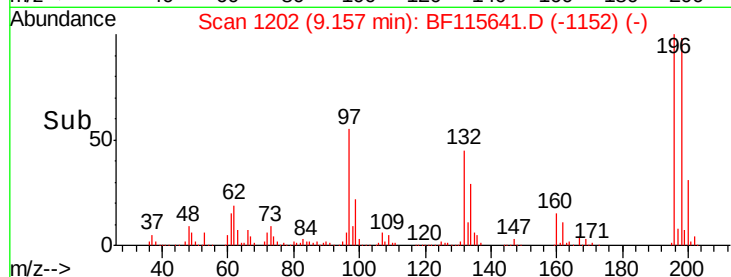
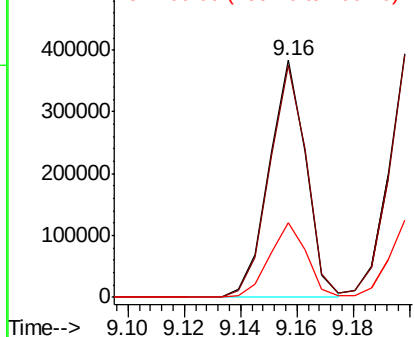
#43
 2,4,6-Trichlorophenol
 Concen: 41.024 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 347363
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.6 121.0
 200 31.5 25.8 38.6

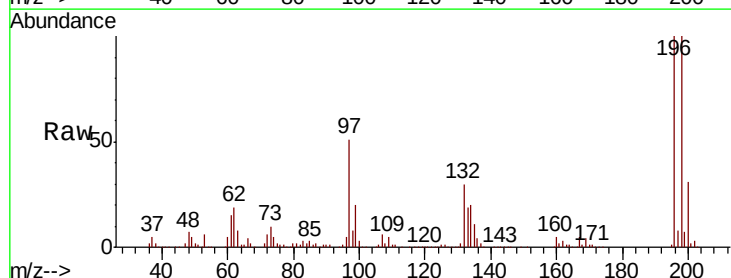


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

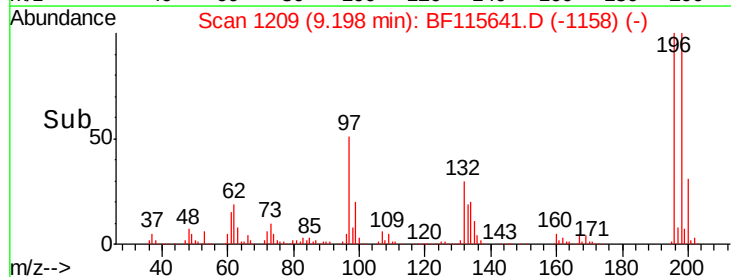
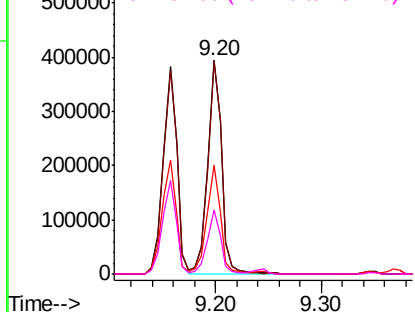


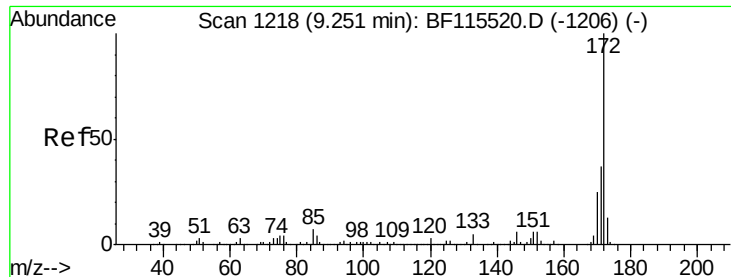
#44
 2,4,5-Trichlorophenol
 Concen: 41.973 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion:196 Resp: 363966
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.6 119.4
 97 50.8 37.8 56.6
 132 29.9 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

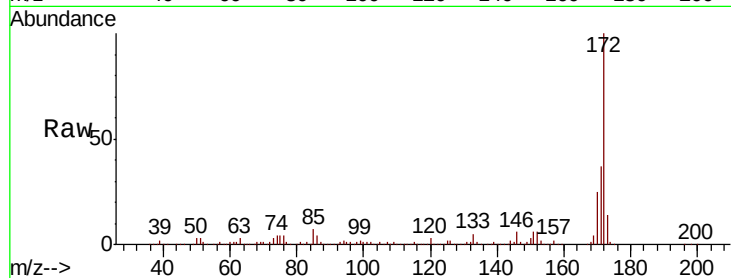




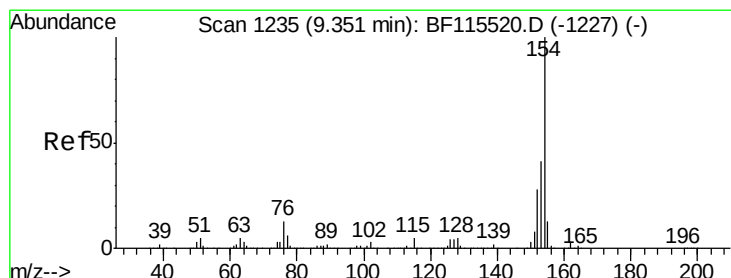
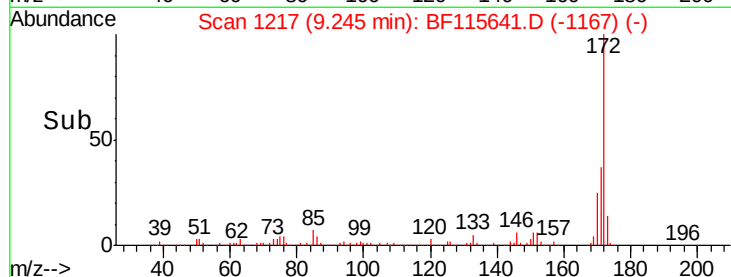
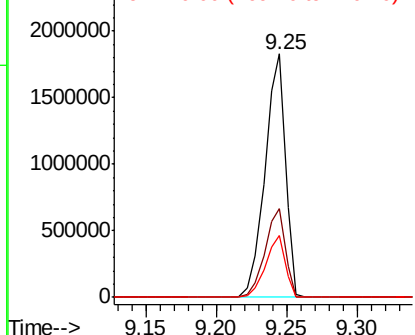
#45
2-Fluorobiphenyl
Concen: 85.507 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1878382
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 25.3 20.5 30.7

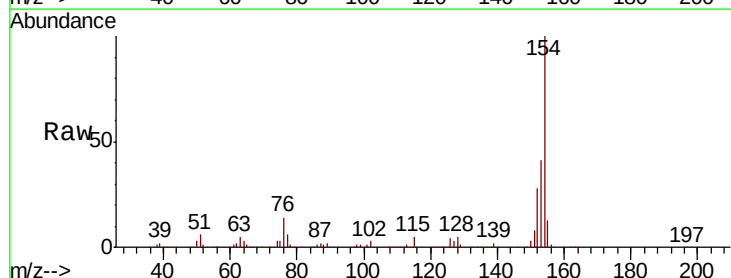


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

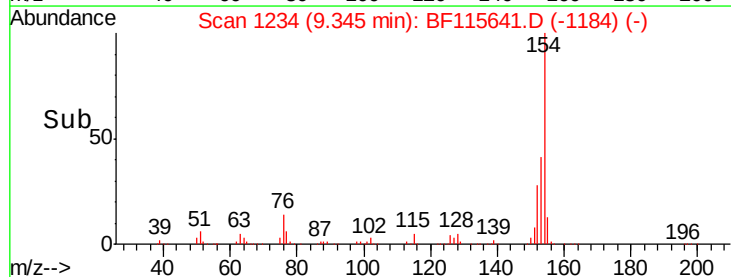
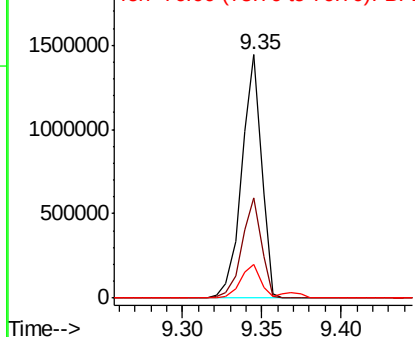


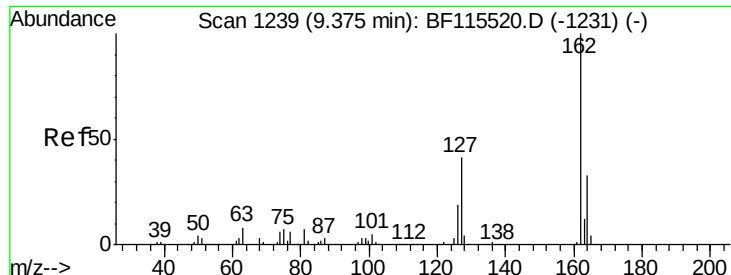
#46
1,1'-Biphenyl
Concen: 41.321 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:154 Resp: 1242076
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 13.7 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

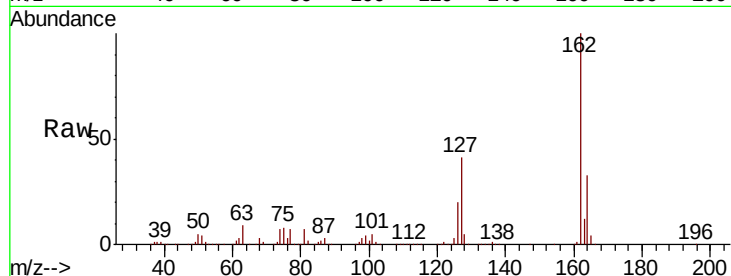




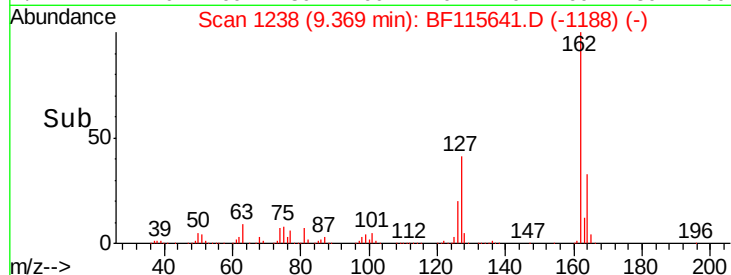
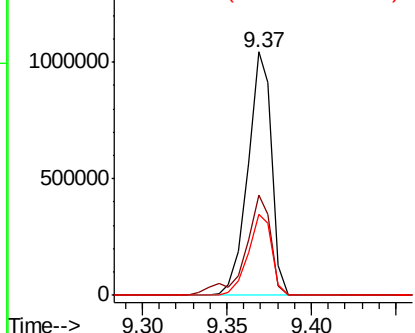
#47
 2-Chloronaphthalene
 Concen: 40.982 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1025745
 Ion Ratio Lower Upper
 162 100
 127 41.4 34.1 51.1
 164 33.5 27.4 41.2

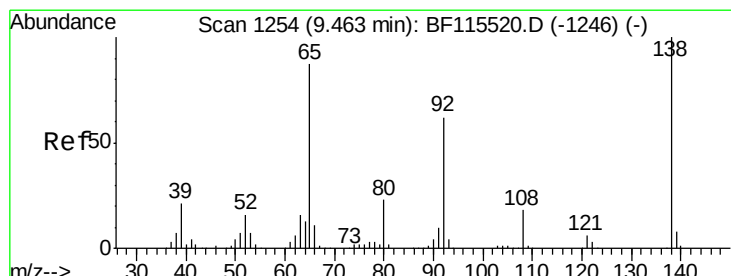


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

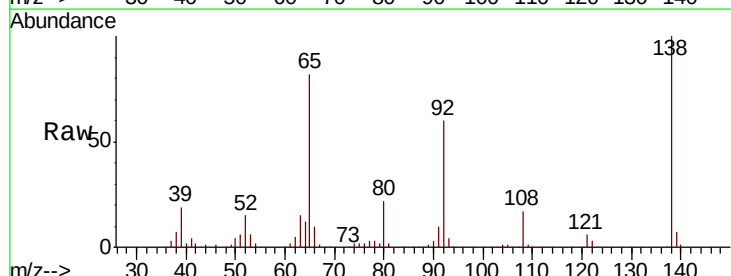
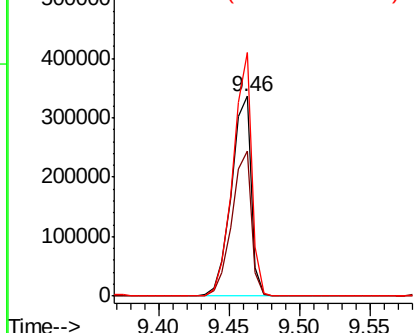


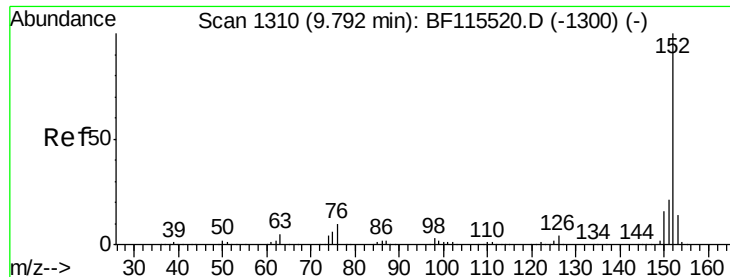
#48
 2-Nitroaniline
 Concen: 42.533 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion: 65 Resp: 329500
 Ion Ratio Lower Upper
 65 100
 92 72.8 57.8 86.6
 138 121.7 91.2 136.8



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: 42.121 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

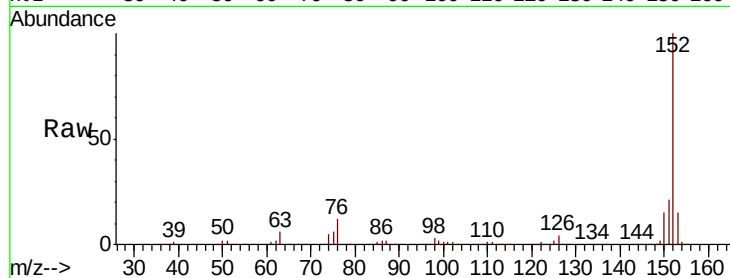
Tot Ion:152 Resp: 1562152

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

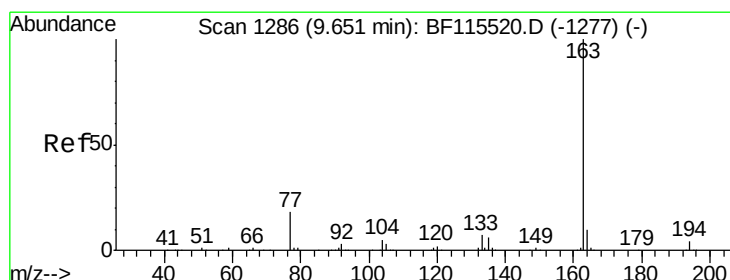
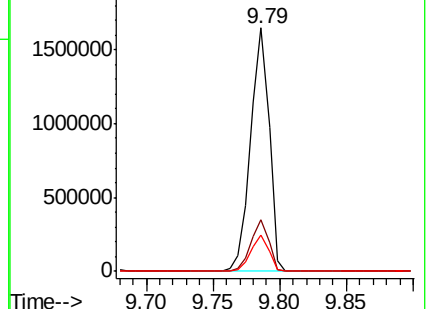
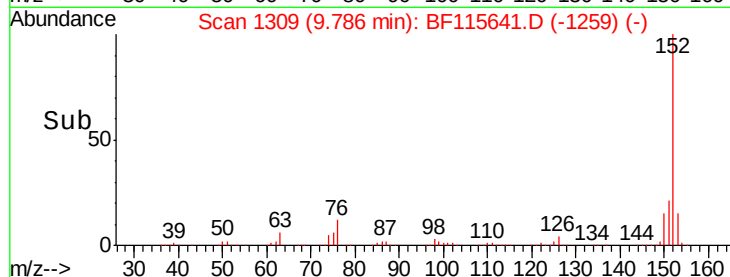
153 14.8 12.0 18.0



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: 41.611 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

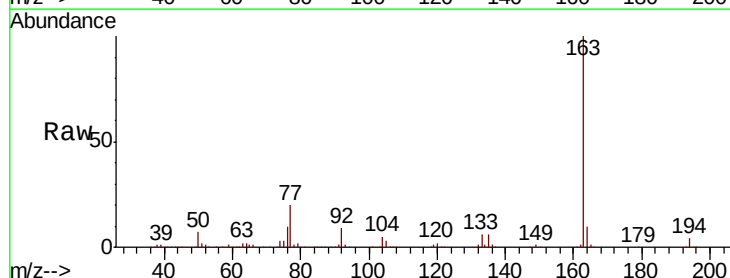
Tgt Ion:163 Resp: 1203736

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

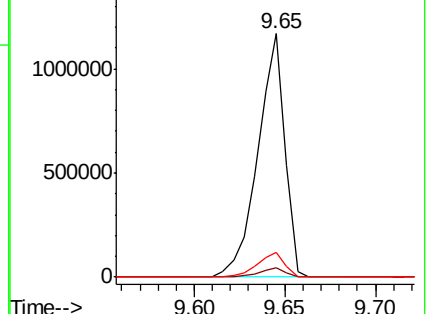
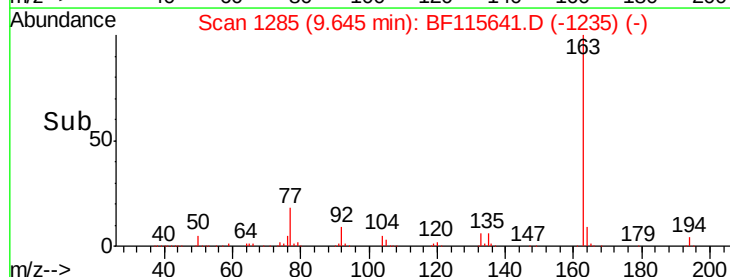
164 10.4 8.7 13.1

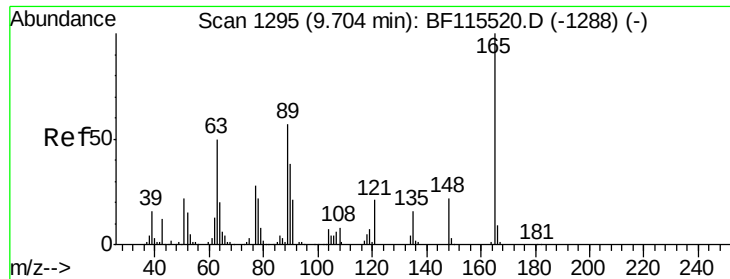


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.237 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampled :

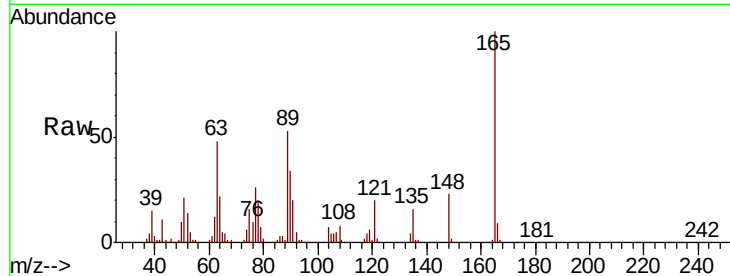
Tot Ion:165 Resp: 271097

Ion Ratio Lower Upper

165 100

63 48.0 40.6 61.0

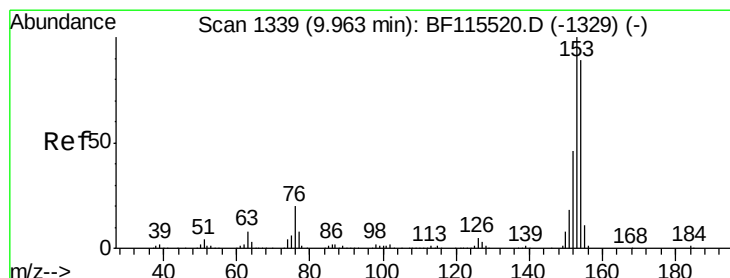
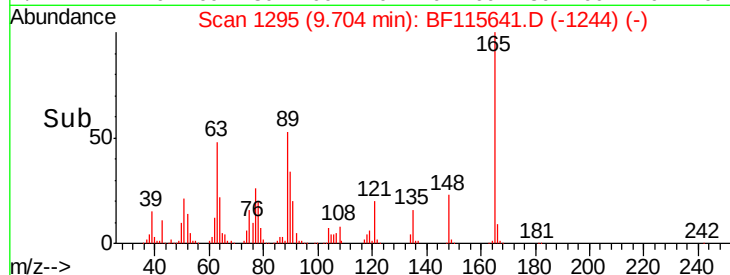
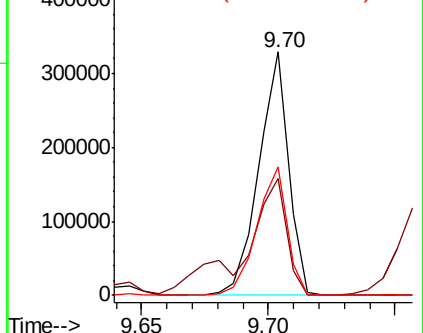
89 52.6 43.9 65.9



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



#52

Acenaphthene

Concen: 42.444 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

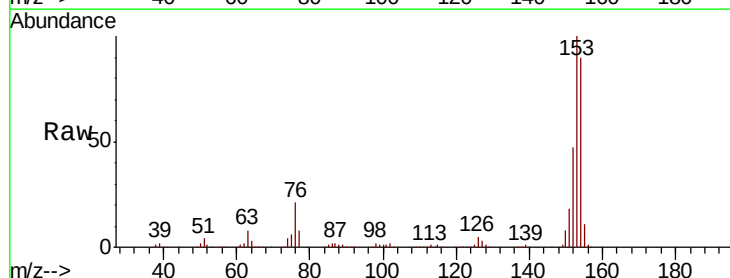
Tgt Ion:154 Resp: 1016288

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

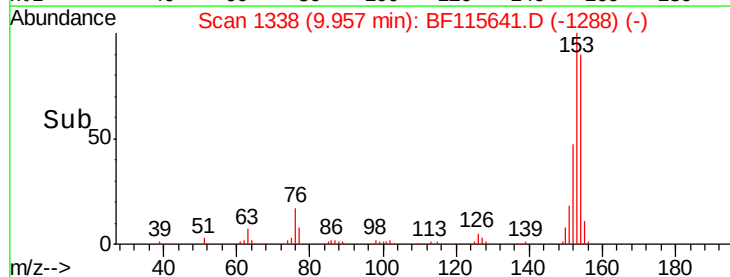
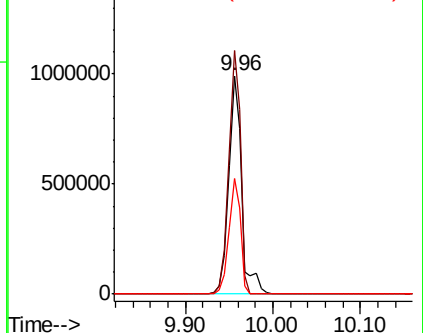
152 52.8 42.3 63.5

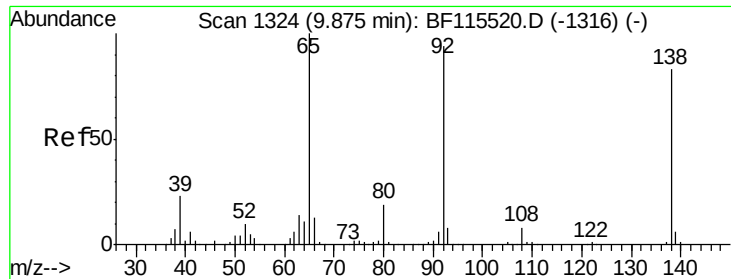


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

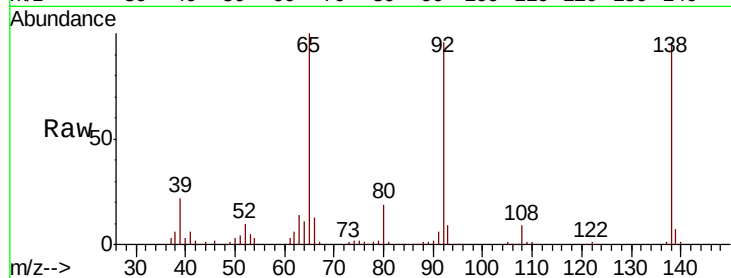




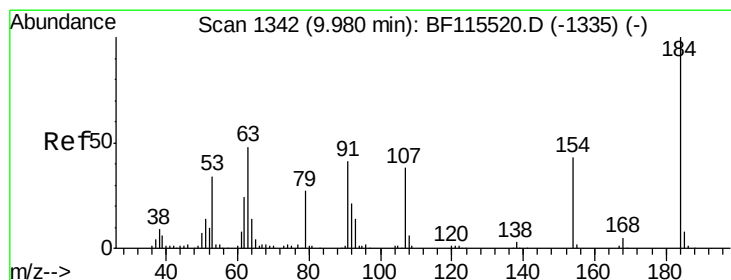
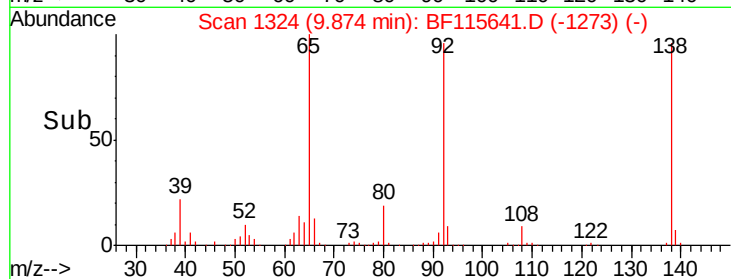
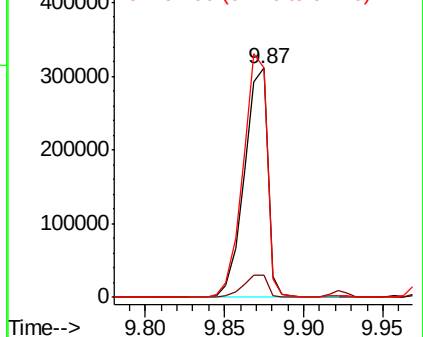
#53
 3-Nitroaniline
 Concen: 42.229 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 317253
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.4 12.6
 92 100.2 88.0 132.0

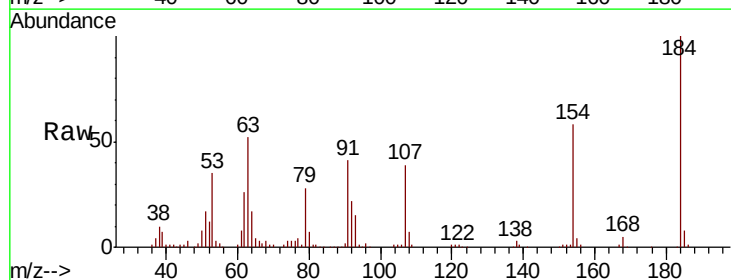


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

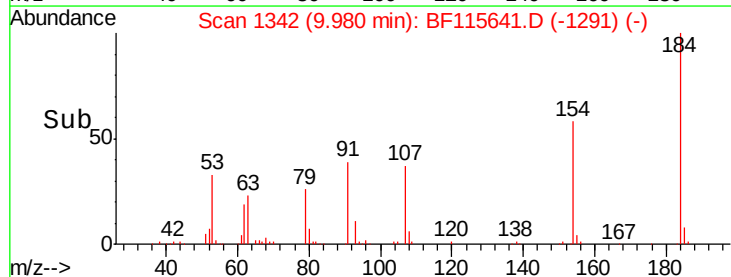
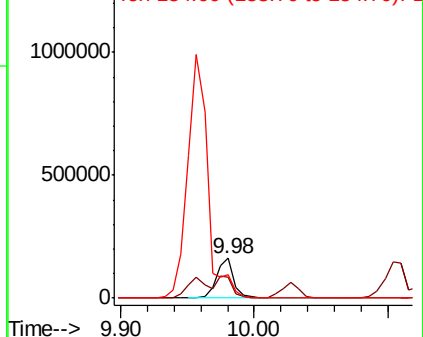


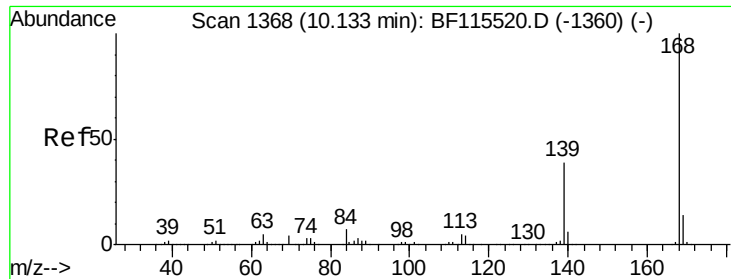
#54
 2,4-Dinitrophenol
 Concen: 44.145 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion:184 Resp: 149001
 Ion Ratio Lower Upper
 184 100
 63 51.8 48.7 73.1
 154 58.1 48.6 73.0



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

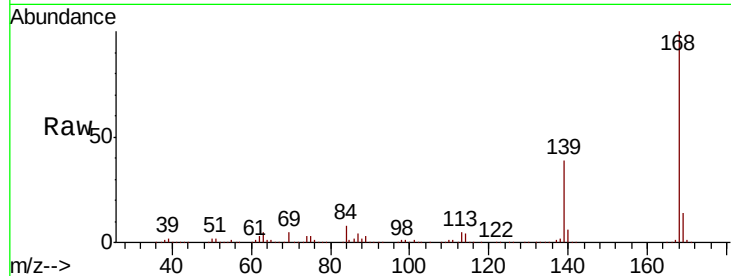




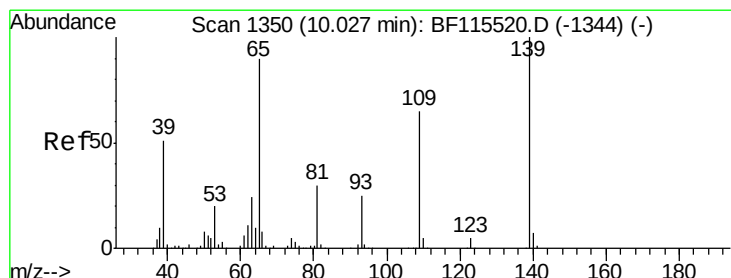
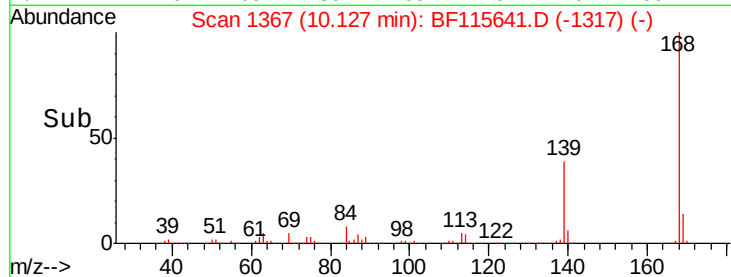
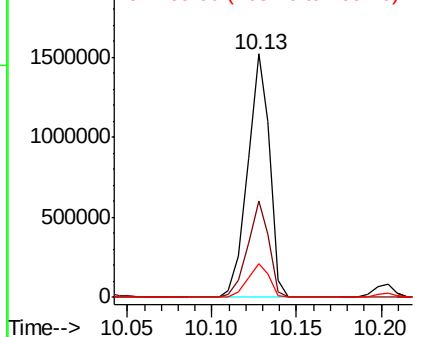
#55
Dibenzenofuran
Concen: 40.497 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1377041
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.1 11.1 16.7

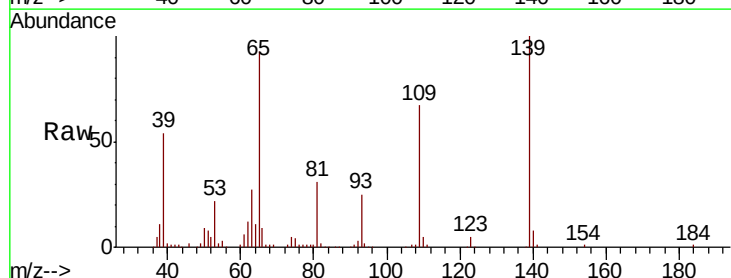


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

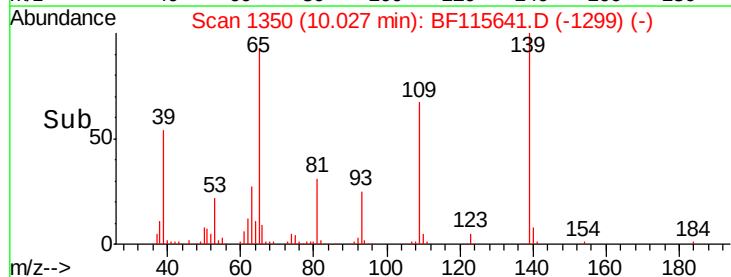
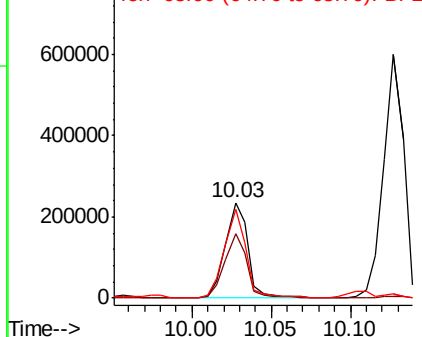


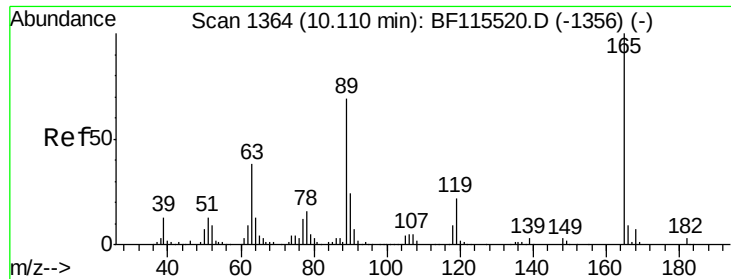
#56
4-Nitrophenol
Concen: 41.411 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:139 Resp: 237234
Ion Ratio Lower Upper
139 100
109 67.0 46.4 86.4
65 92.5 68.9 108.9



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

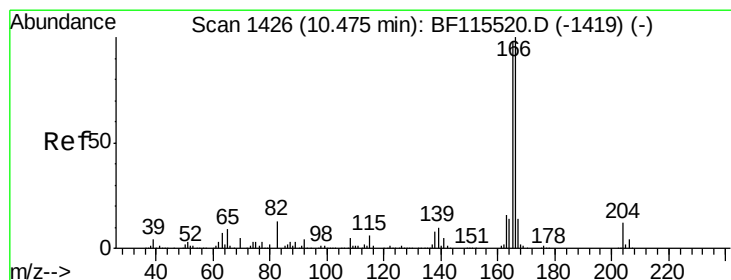
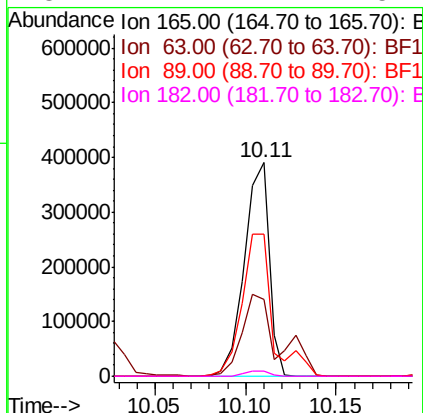
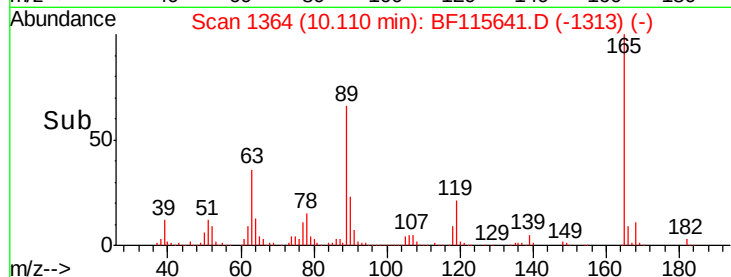
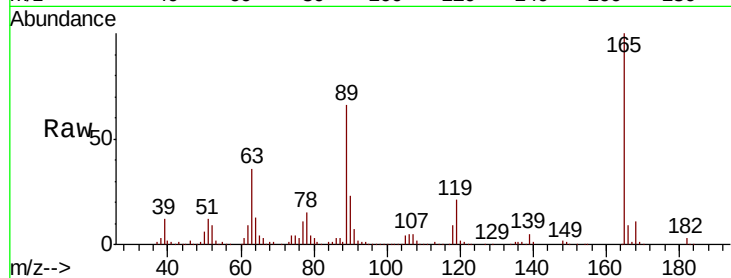




#57
2,4-Dinitrotoluene
Concen: 43.571 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

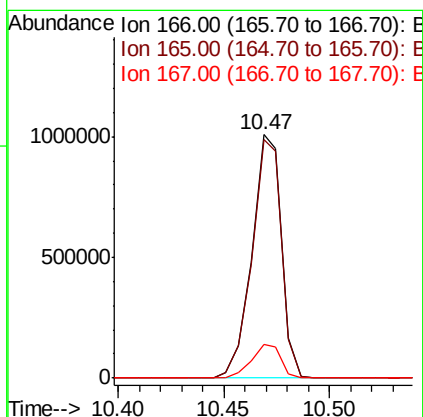
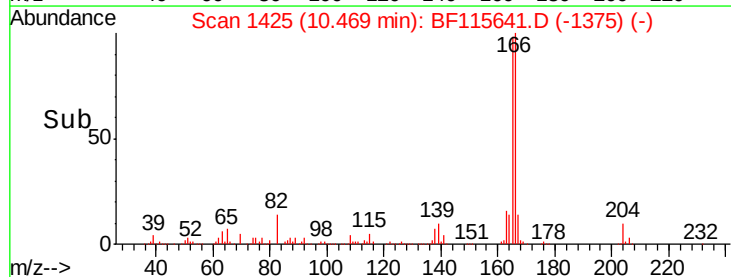
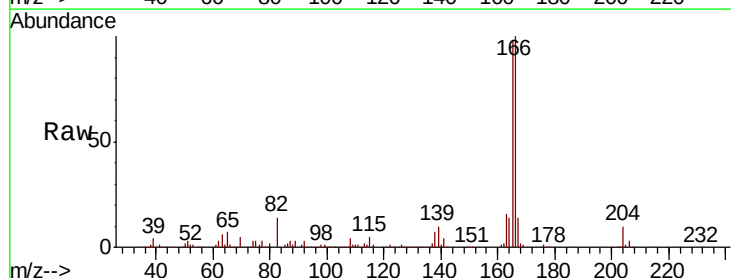
Instrument :
BNA_F
ClientSampled :

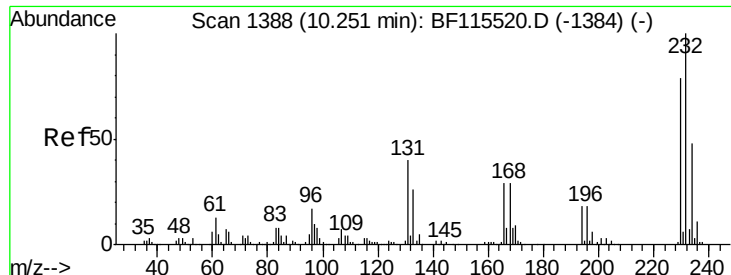
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	34.9	52.3
89	66.4	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 40.311 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.9	11.2	16.8

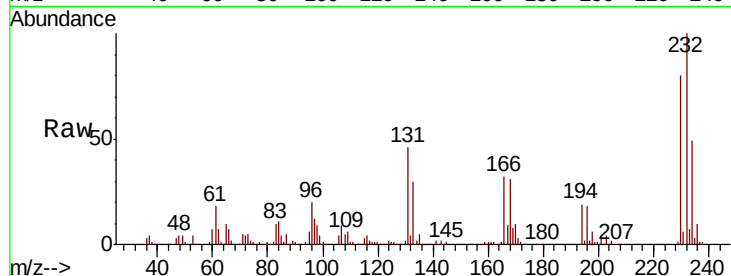




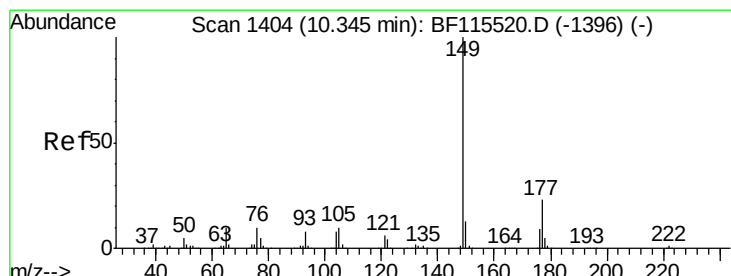
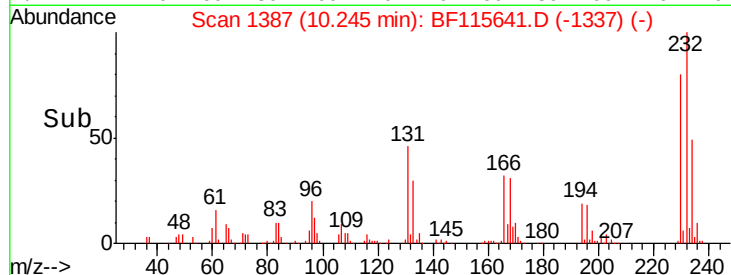
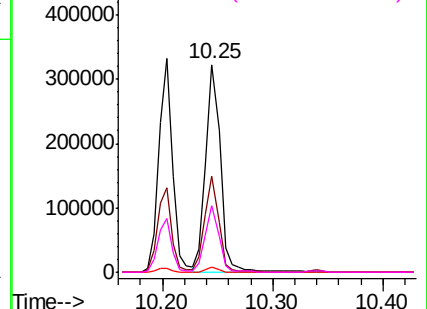
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.931 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.9	53.9
130	2.1	1.8	2.6
166	30.4	24.8	37.2

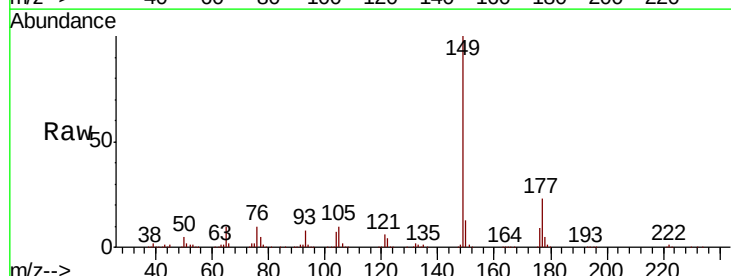


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

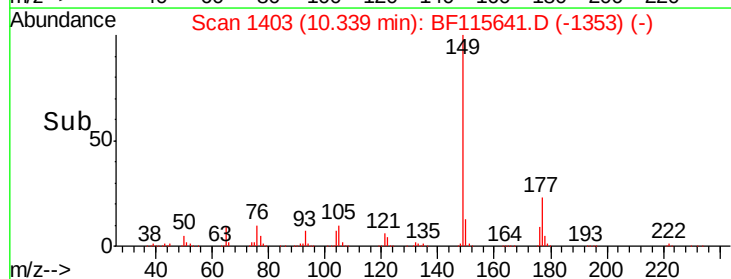
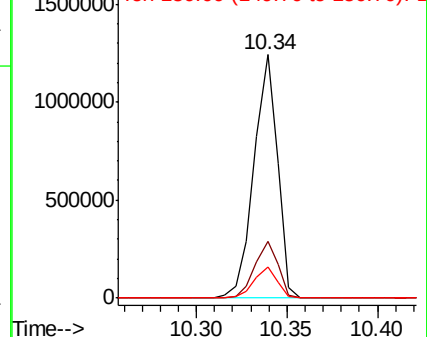


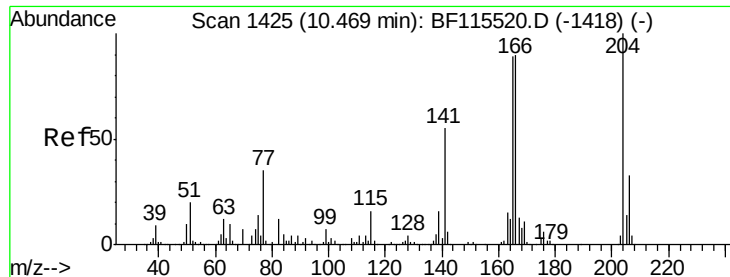
#60
Diethylphthalate
Concen: 41.328 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.5	29.3
150	13.1	10.4	15.6



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

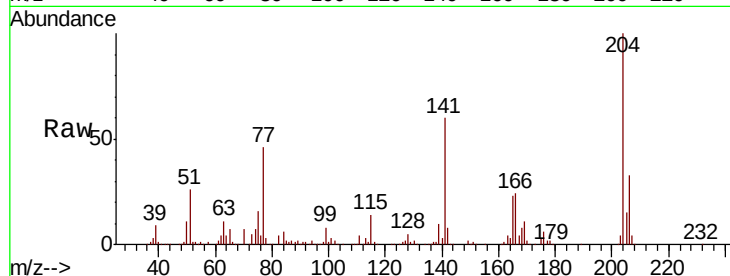




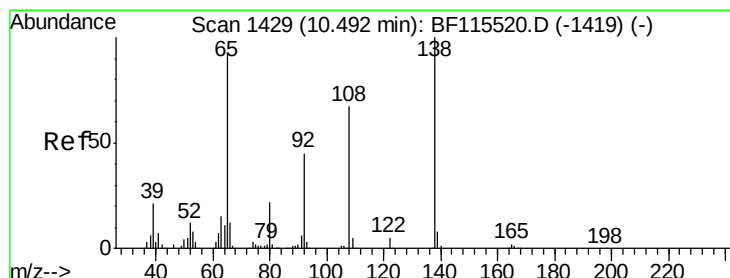
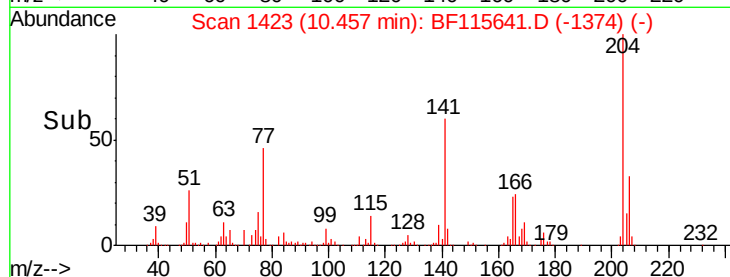
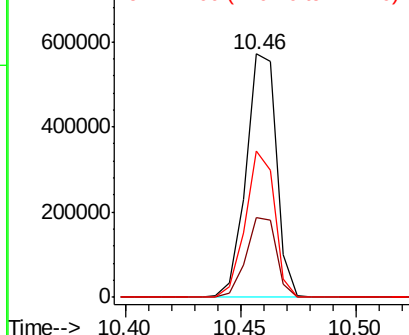
#61
4-Chlorophenyl-phenylether
Concen: 39.144 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 527681
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 59.9 44.2 66.2

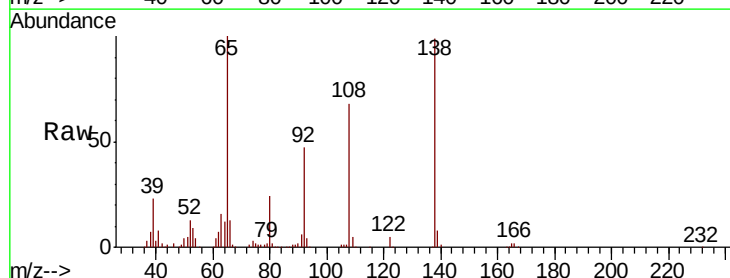


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

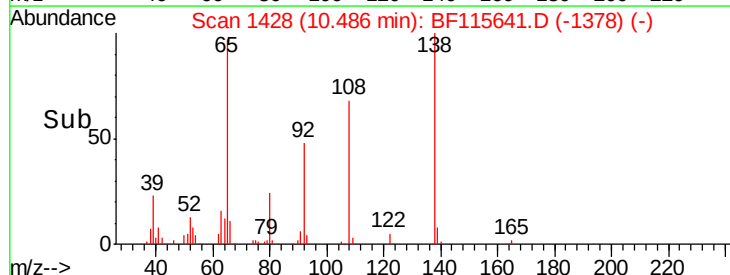
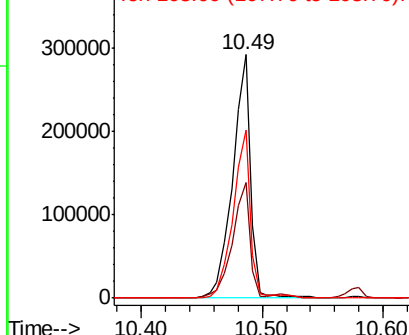


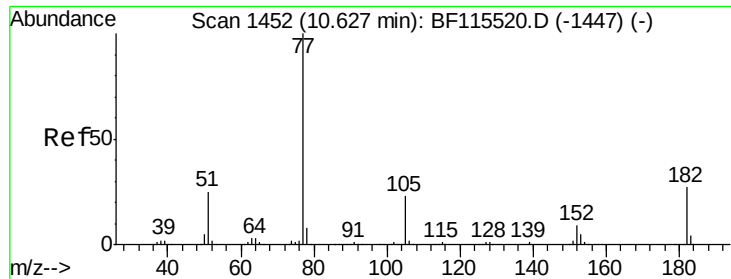
#62
4-Nitroaniline
Concen: 41.903 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:138 Resp: 301961
Ion Ratio Lower Upper
138 100
92 47.5 27.1 67.1
108 69.0 48.0 88.0



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





#63

Azobenzene

Concen: 44.821 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1178352

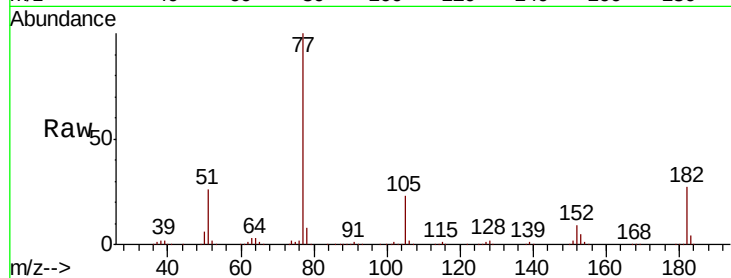
Ion Ratio Lower Upper

77 100

182 26.5 6.9 46.9

105 23.4 3.9 43.9

51 25.9 7.3 47.3

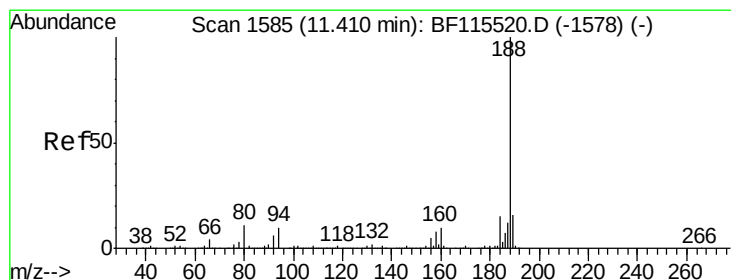
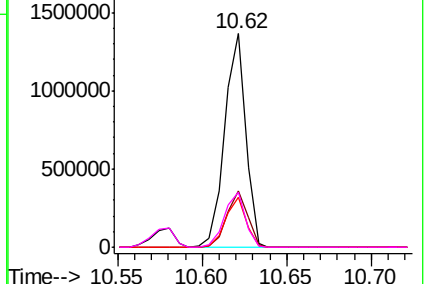
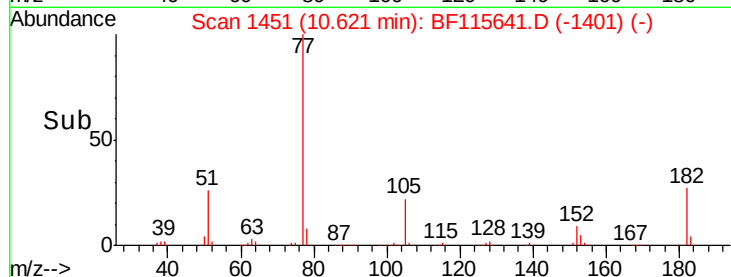


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

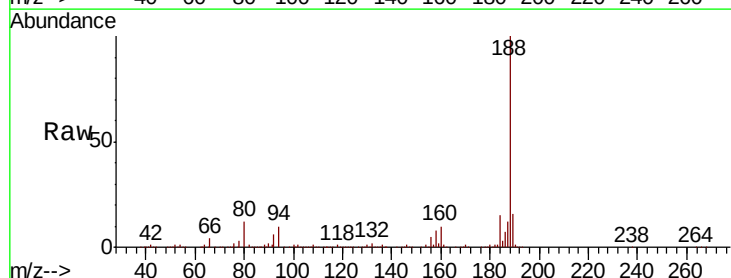
Tgt Ion: 188 Resp: 740279

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.6

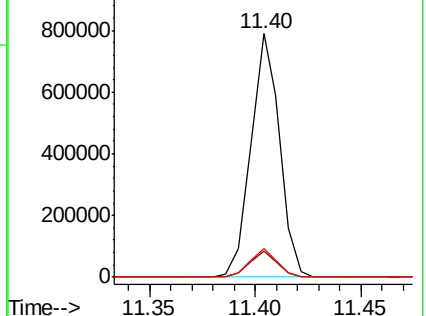
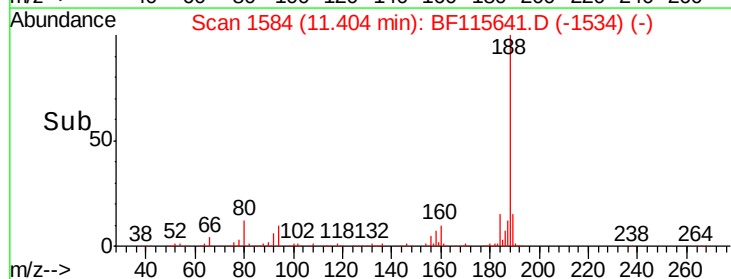
80 11.7 8.6 13.0

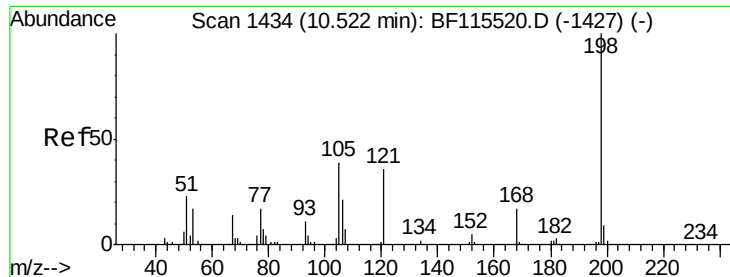


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.119 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

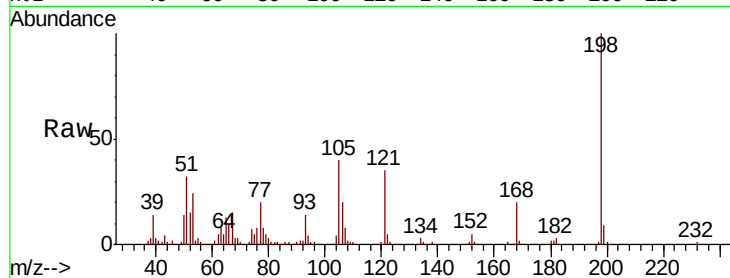
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 185976

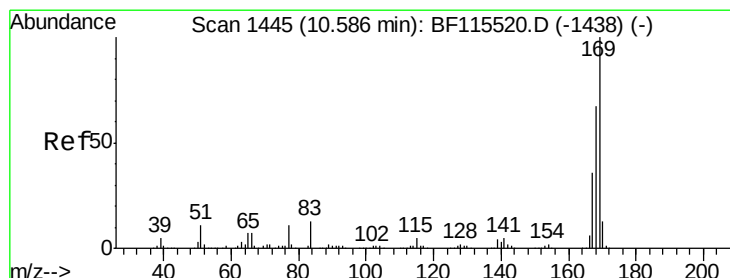
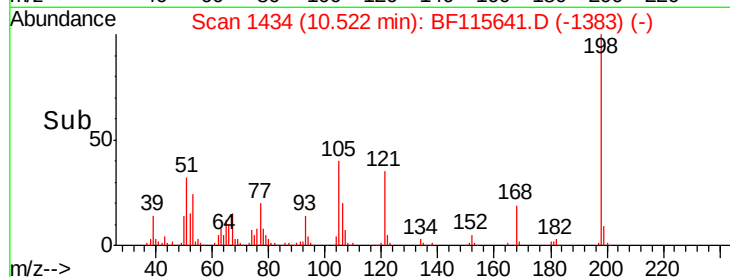
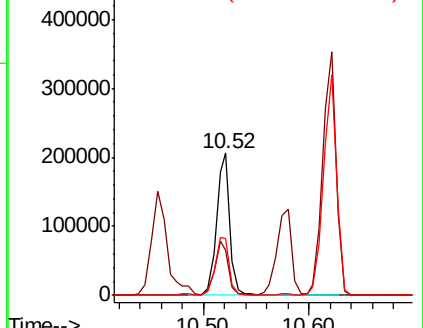
Ion	Ratio	Lower	Upper
198	100		
51	32.0	19.1	59.1
105	39.7	23.6	63.6



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: 41.140 ng

RT: 10.58 min Scan# 1444

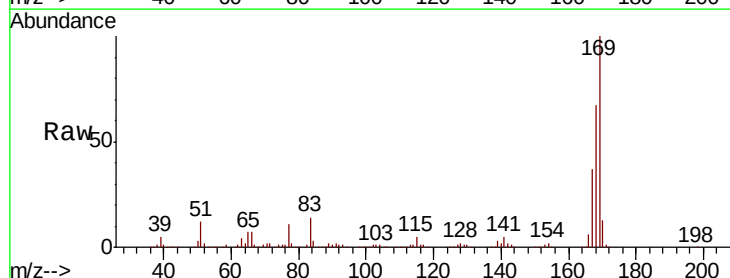
Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Tgt Ion:169 Resp: 947346

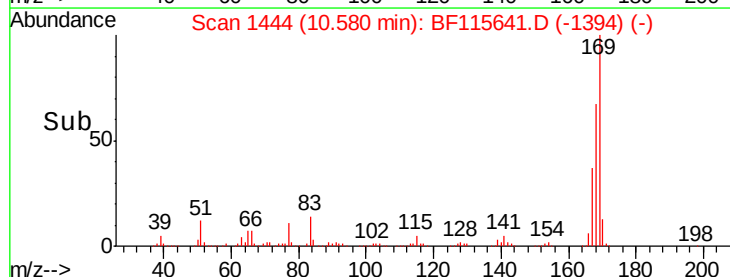
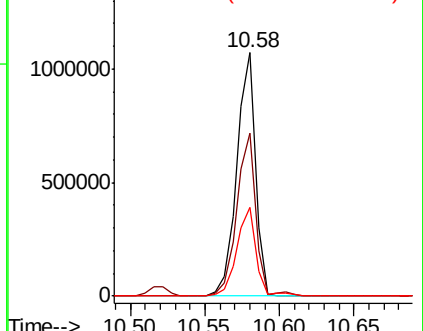
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.3	81.5
167	36.7	30.2	45.2

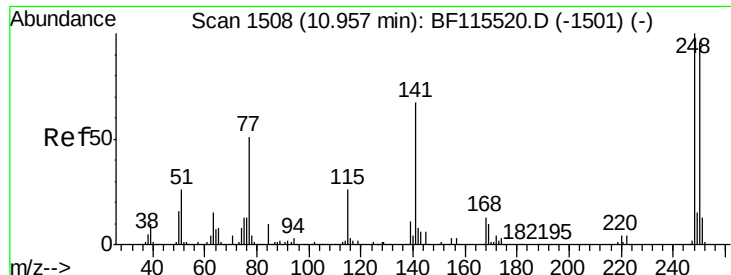


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

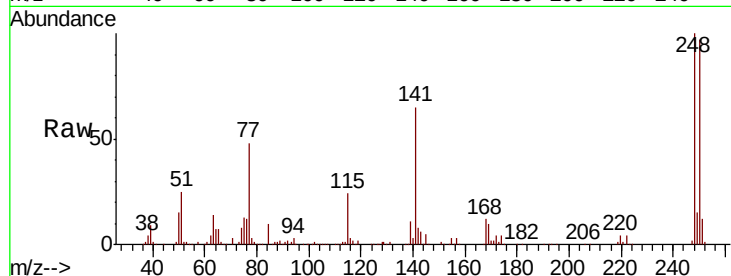




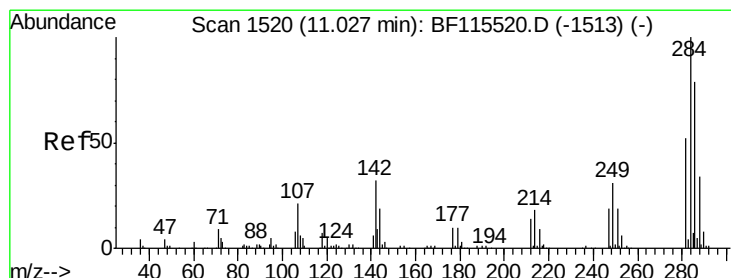
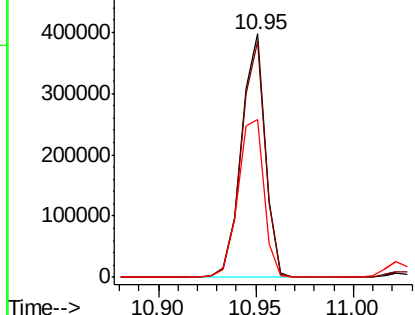
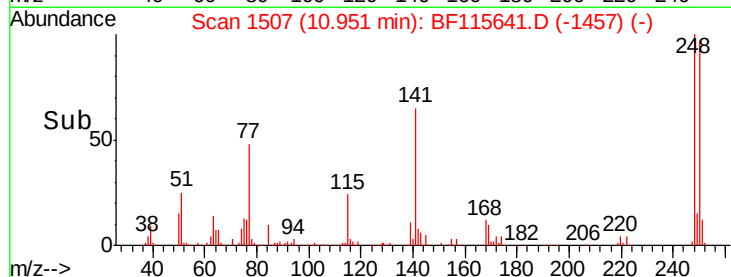
#67
4-Bromophenyl-phenylether
Concen: 39.598 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 334988
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 64.7 57.7 86.5

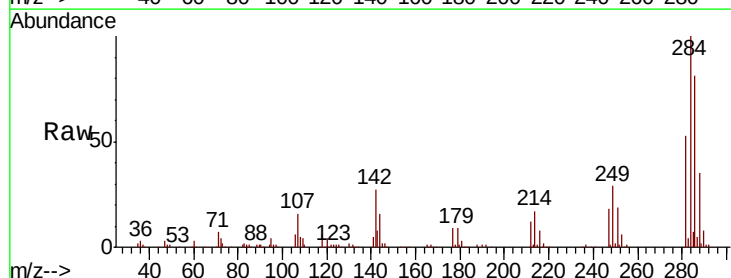


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

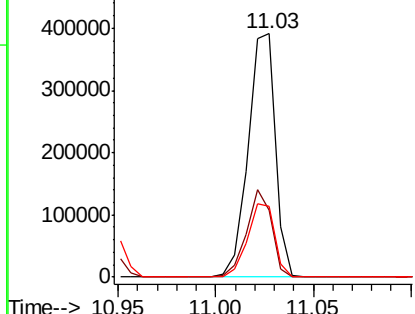
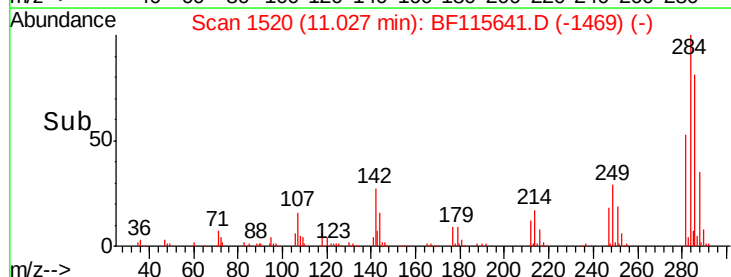


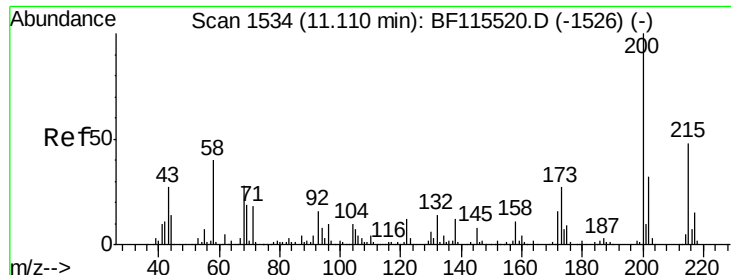
#68
Hexachlorobenzene
Concen: 39.044 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:284 Resp: 377196
Ion Ratio Lower Upper
284 100
142 27.4 22.2 33.2
249 29.3 23.4 35.2



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





#69

Atrazine

Concen: 38.920 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampled :

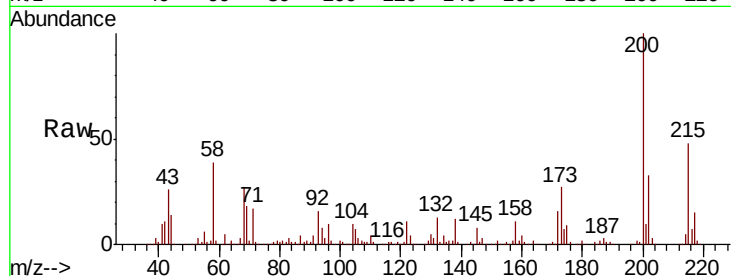
Tot Ion:200 Resp: 294013

Ion Ratio Lower Upper

200 100

173 27.3 6.9 46.9

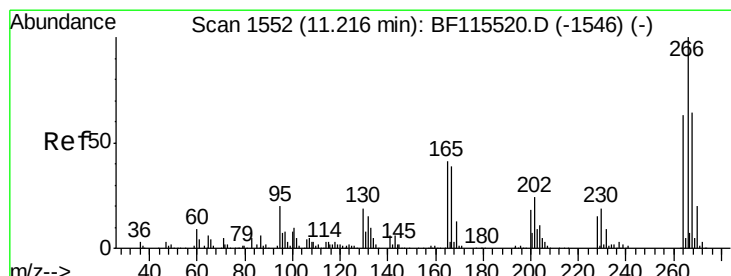
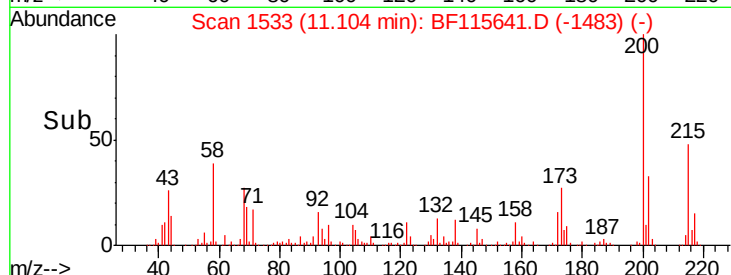
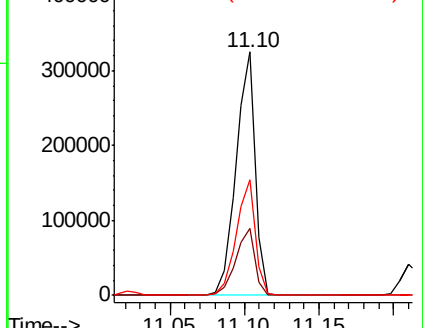
215 47.5 27.9 67.9



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: 39.054 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

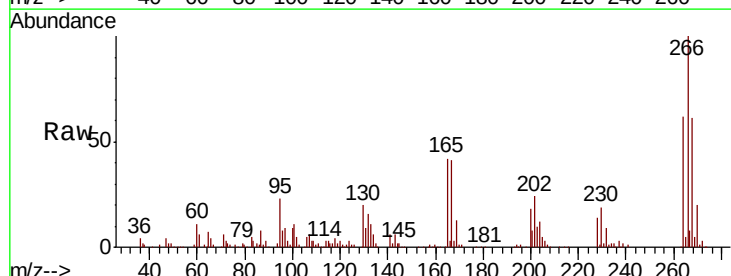
Tgt Ion:266 Resp: 230764

Ion Ratio Lower Upper

266 100

268 61.1 51.6 77.4

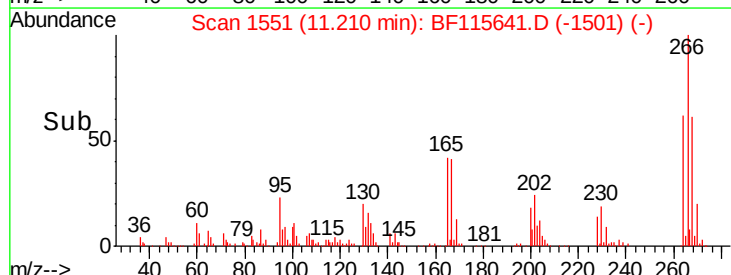
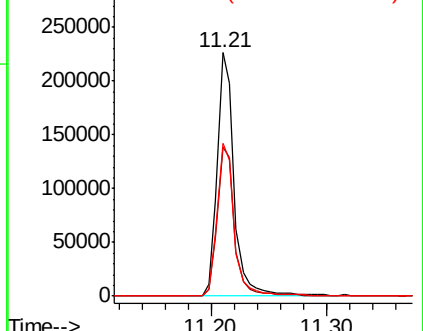
264 62.5 50.6 76.0

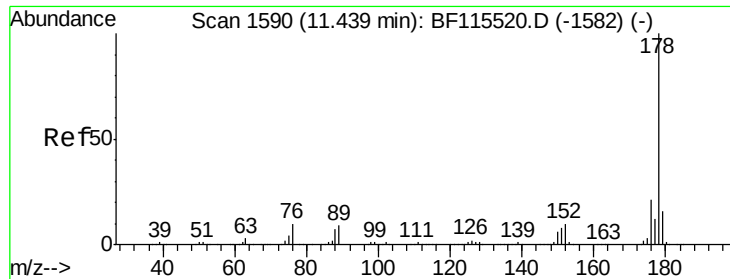


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.770 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampled :

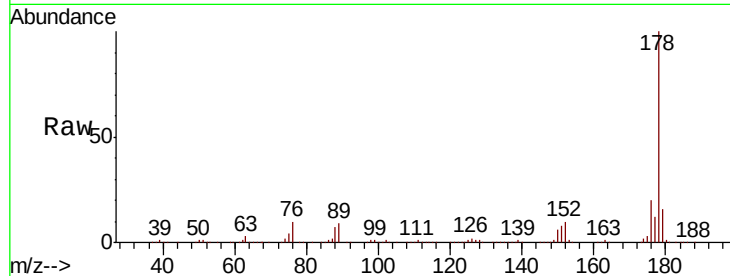
Tot Ion:178 Resp: 1547066

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

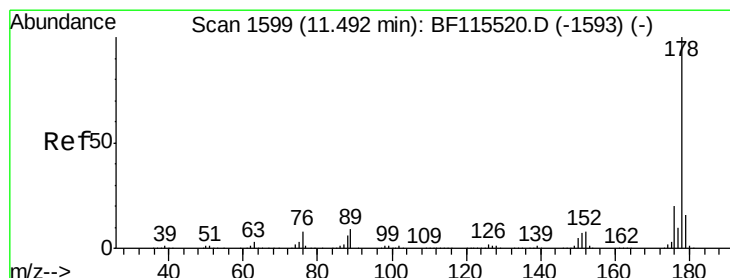
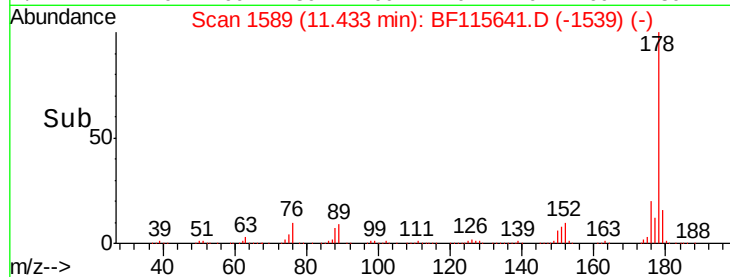
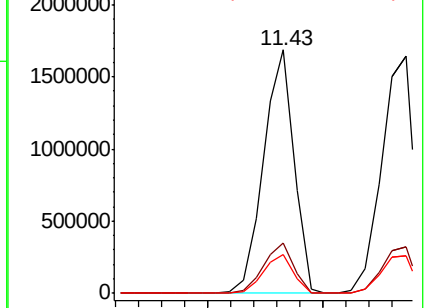
179 16.0 13.5 20.3



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: 40.433 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

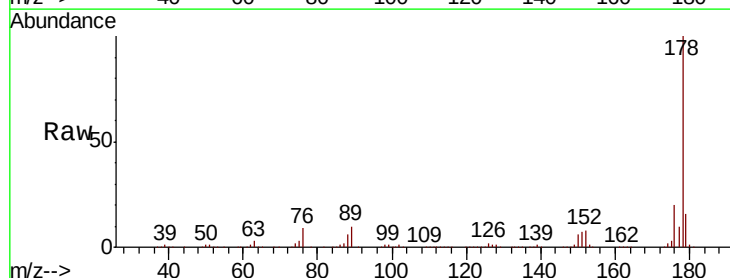
Tgt Ion:178 Resp: 1585632

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

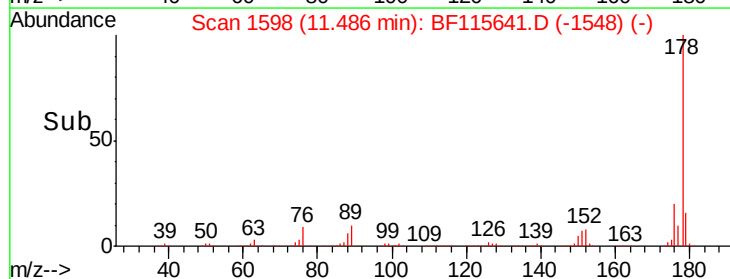
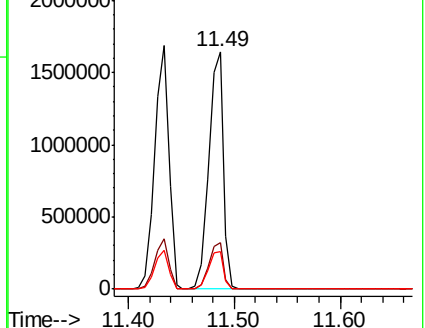
179 16.0 12.7 19.1

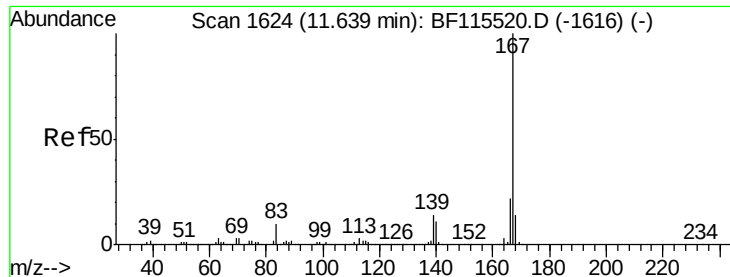


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.735 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

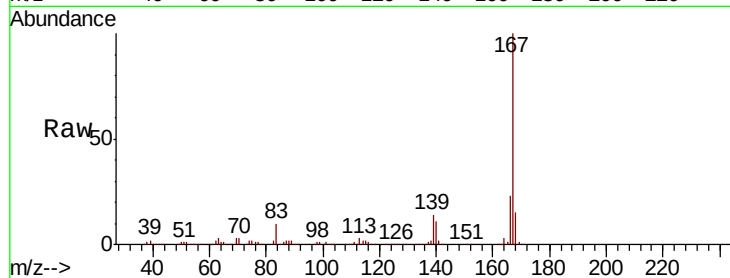
Tot Ion:167 Resp: 1435242

Ion Ratio Lower Upper

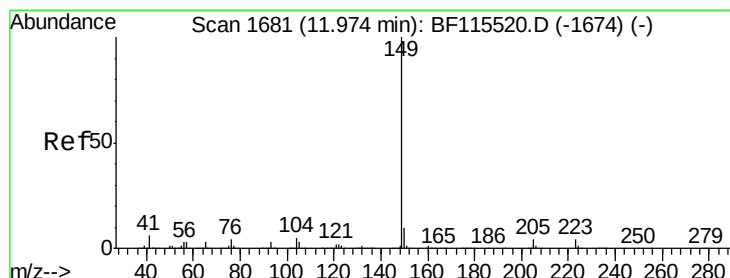
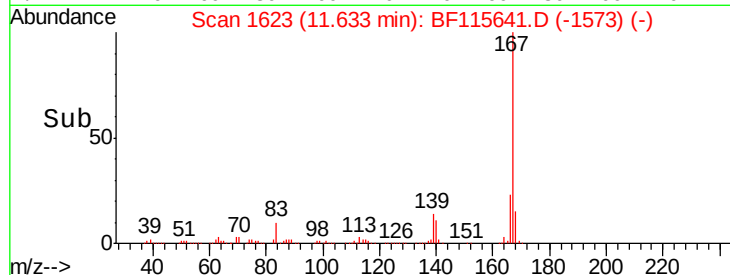
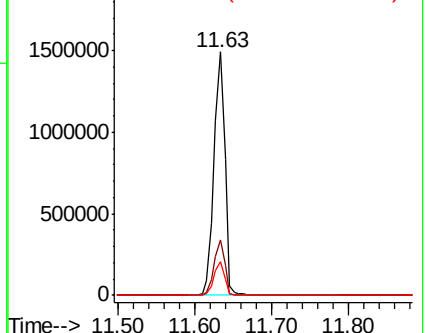
167 100

166 22.7 18.1 27.1

139 14.0 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.526 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

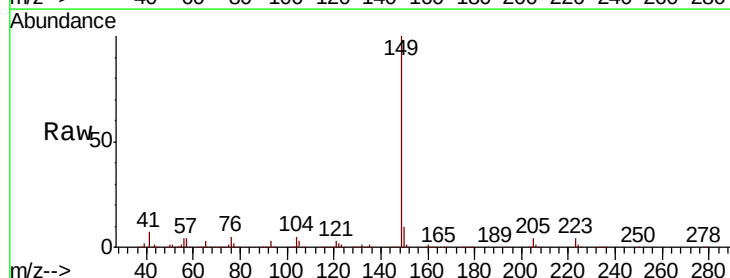
Tgt Ion:149 Resp: 1759043

Ion Ratio Lower Upper

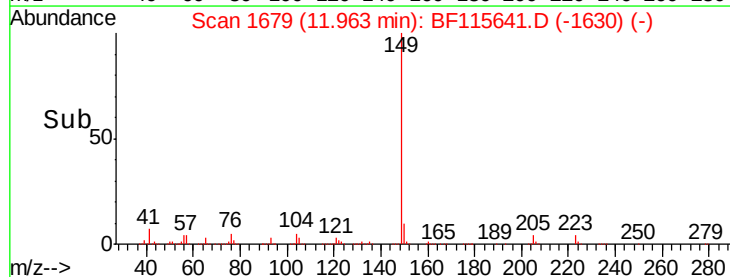
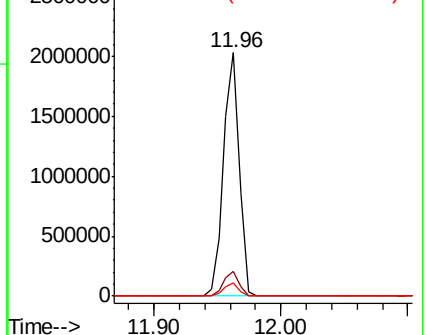
149 100

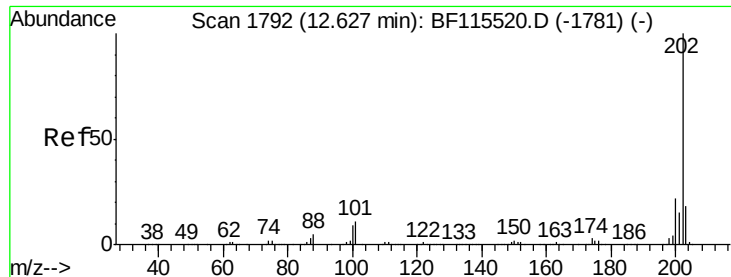
150 10.0 7.7 11.5

104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

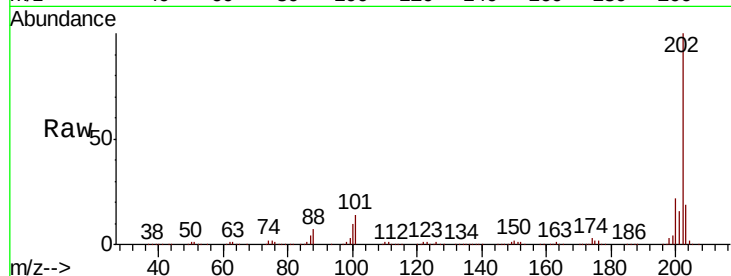




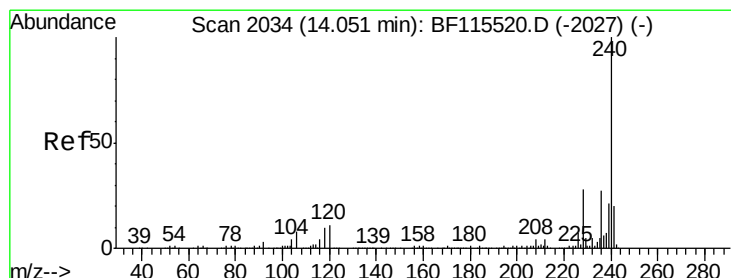
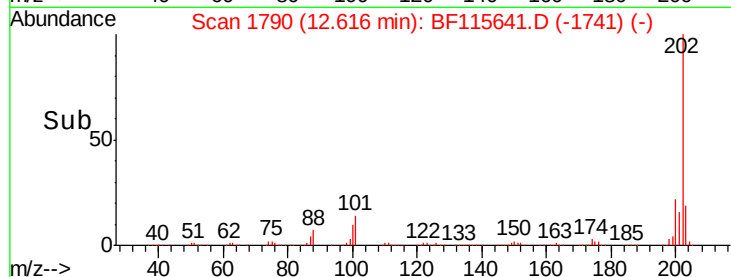
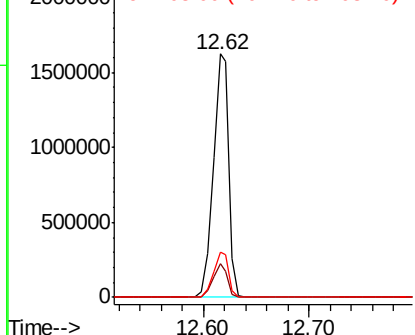
#75
 Fluoranthene
 Concen: 41.740 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1673720
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 31.4
 203 18.6 0.0 38.1

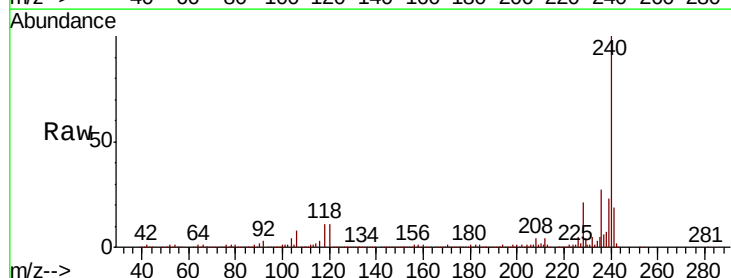


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

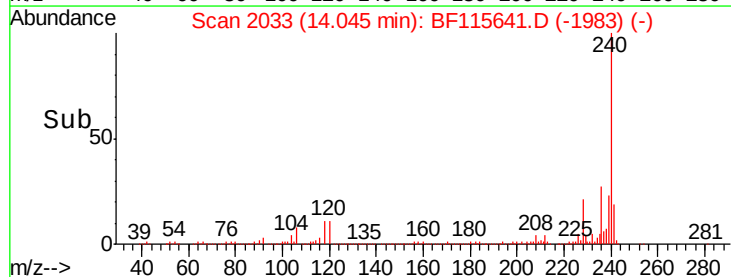
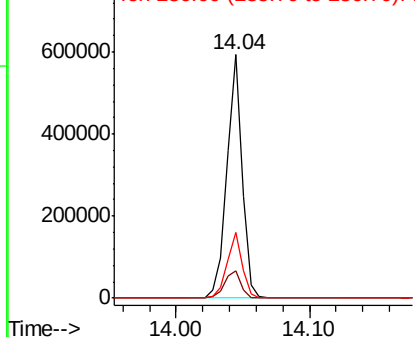


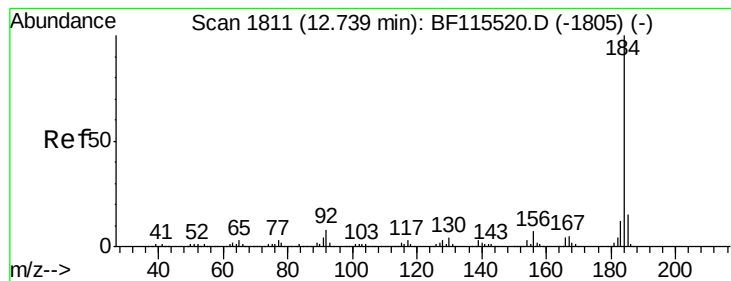
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115641.D
 Acq: 18 Jul 2019 8:29

Tgt Ion:240 Resp: 481648
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.6 13.0
 236 27.1 21.3 31.9



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: 48.090 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampled :

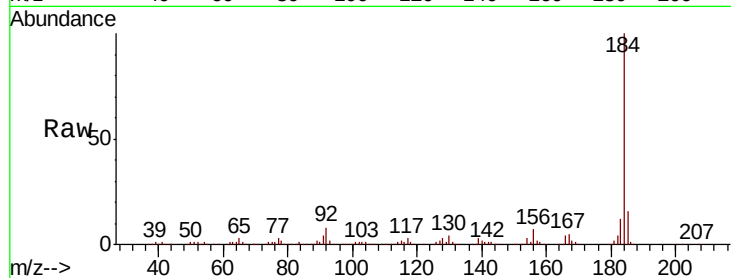
Tot Ion:184 Resp: 820539

Ion Ratio Lower Upper

184 100

185 15.6 12.0 18.0

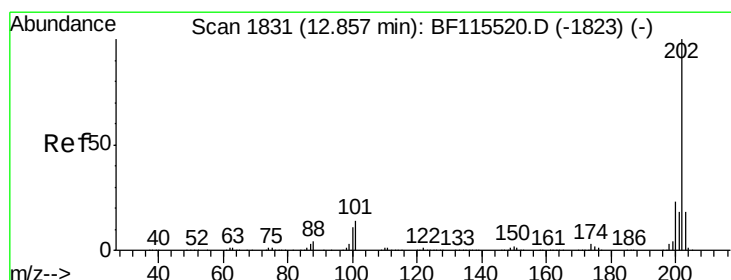
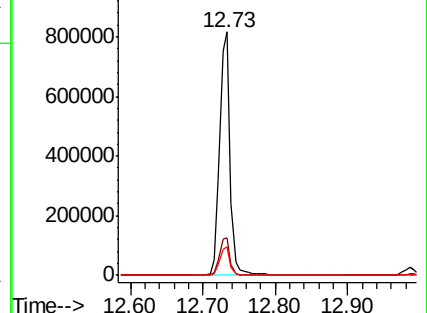
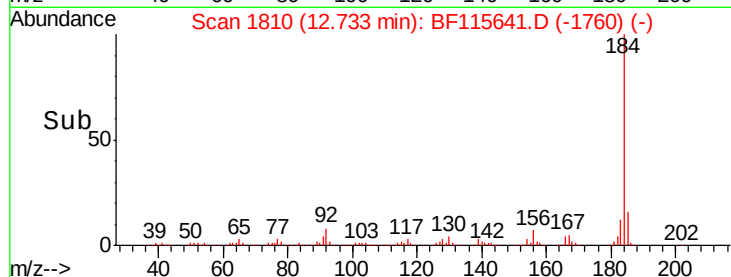
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.601 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

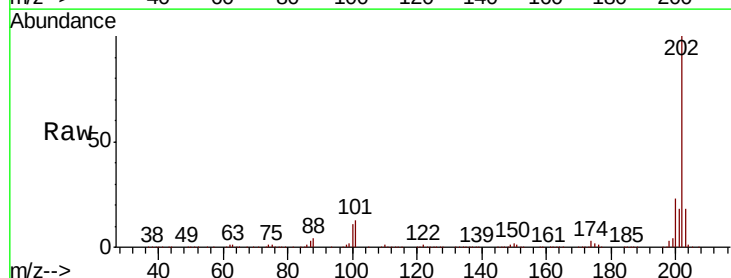
Tgt Ion:202 Resp: 1697609

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

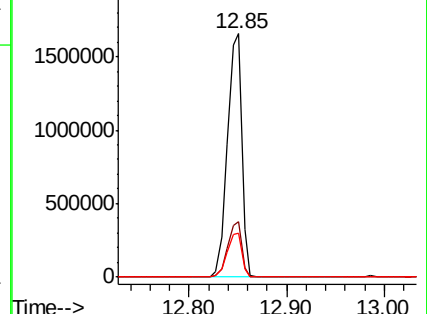
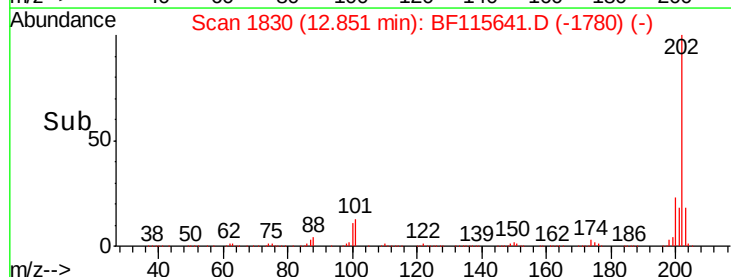
203 18.0 15.2 22.8

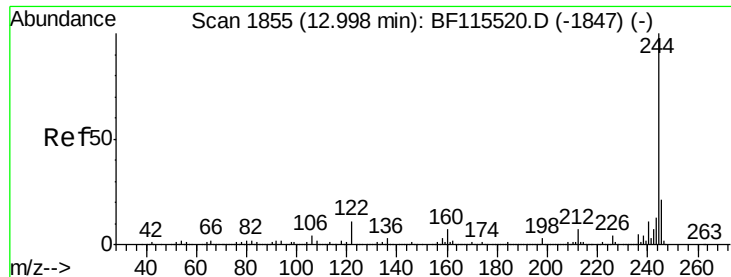


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.422 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

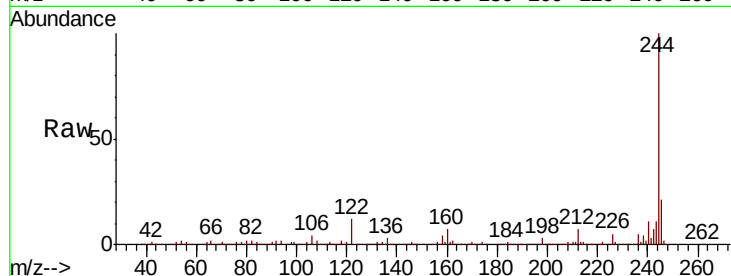
Tot Ion:244 Resp: 2099267

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

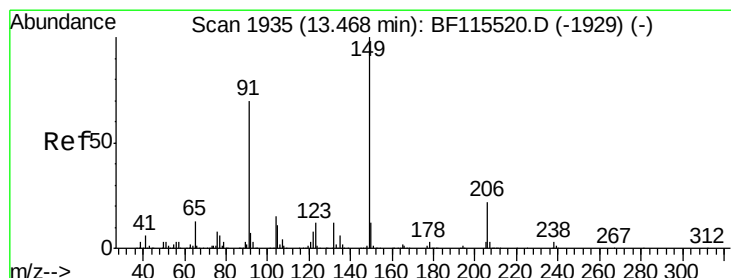
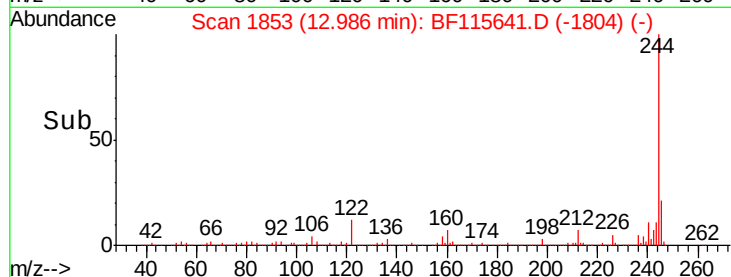
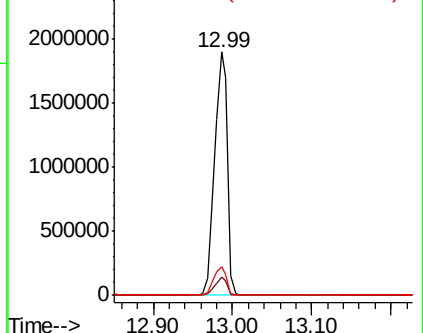
122 11.8 8.6 12.8



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: 43.793 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

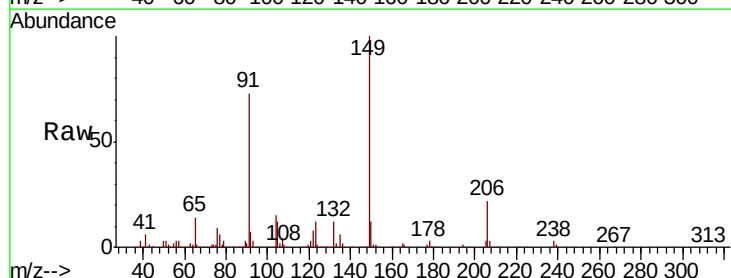
Tgt Ion:149 Resp: 761812

Ion Ratio Lower Upper

149 100

91 72.5 55.8 83.8

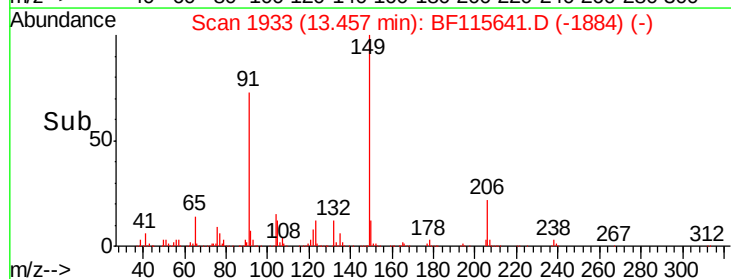
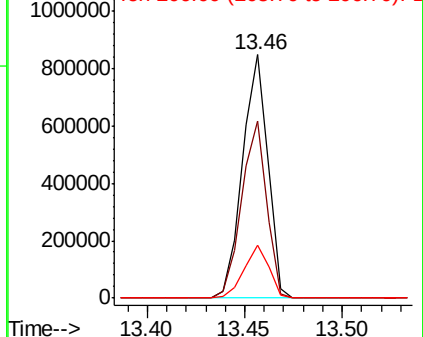
206 21.8 18.2 27.2

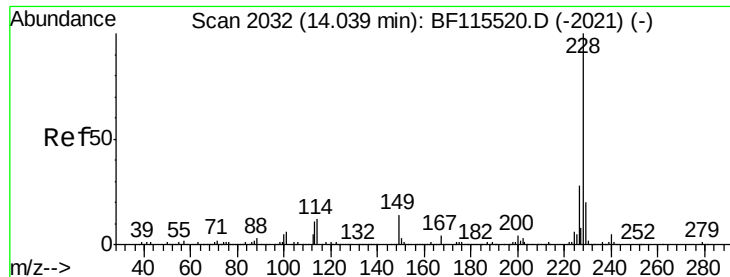


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.645 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

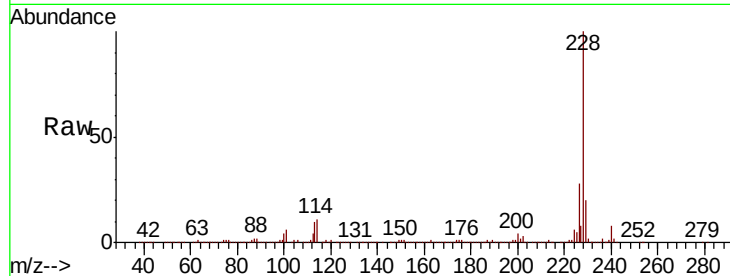
Tot Ion:228 Resp: 1353184

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.0

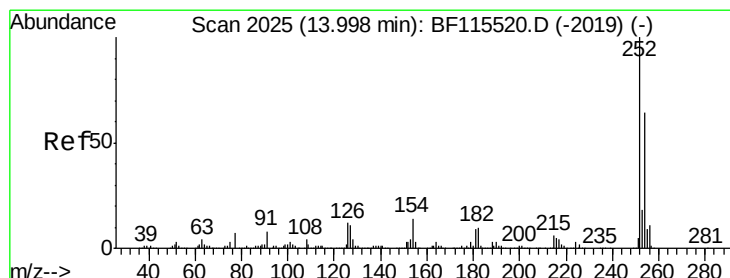
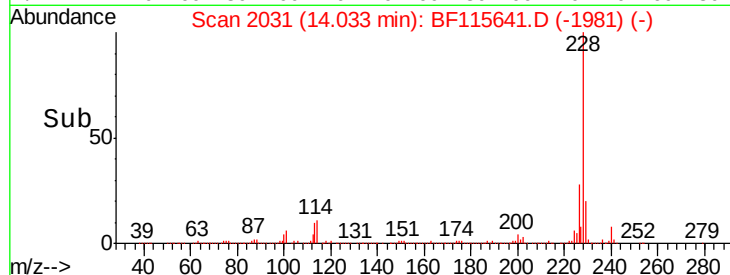
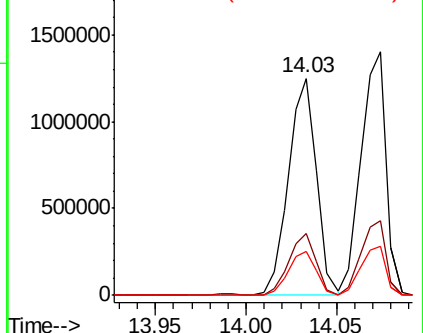
229 20.4 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.899 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

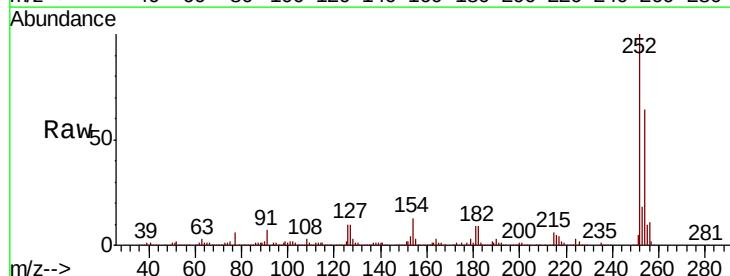
Tgt Ion:252 Resp: 483909

Ion Ratio Lower Upper

252 100

254 64.4 52.9 79.3

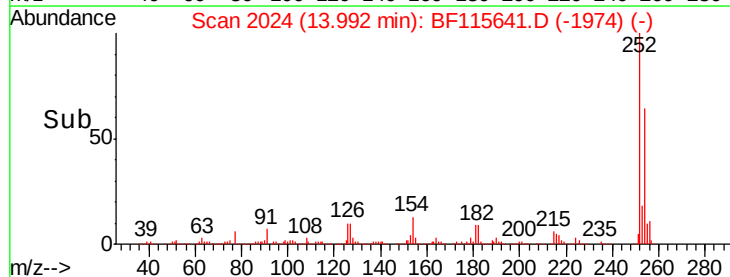
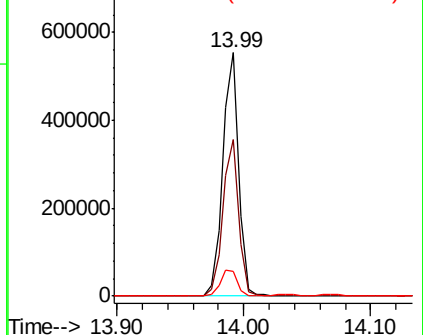
126 10.2 9.9 14.9

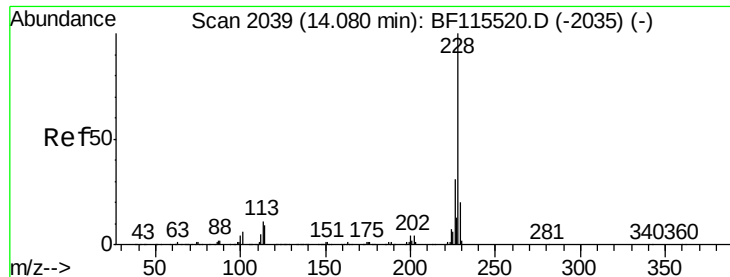


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.210 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

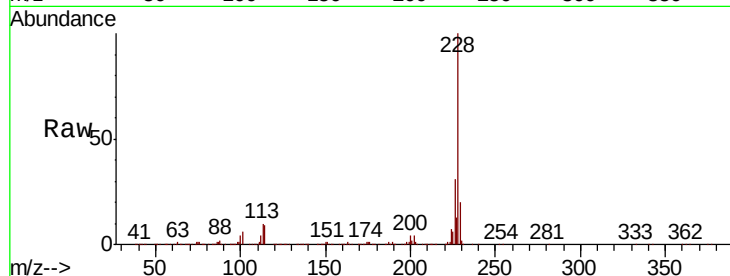
Tot Ion:228 Resp: 1344548

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

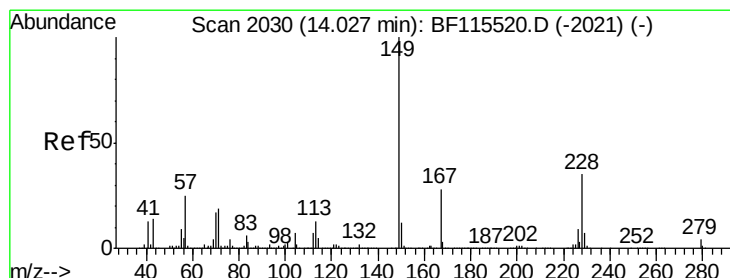
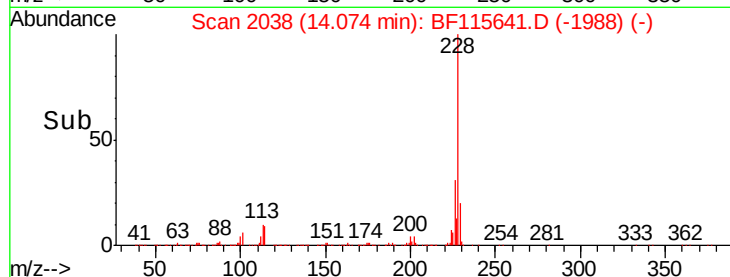
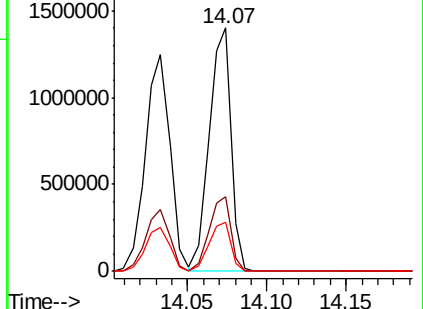
229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.516 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

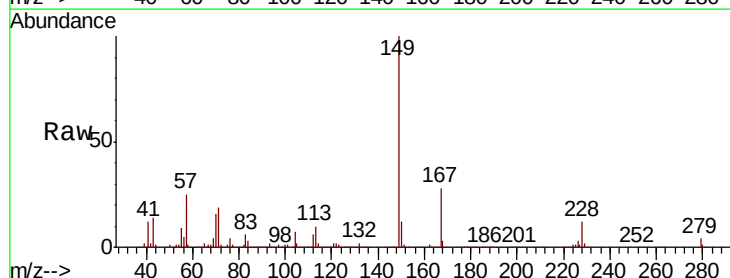
Tgt Ion:149 Resp: 959225

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

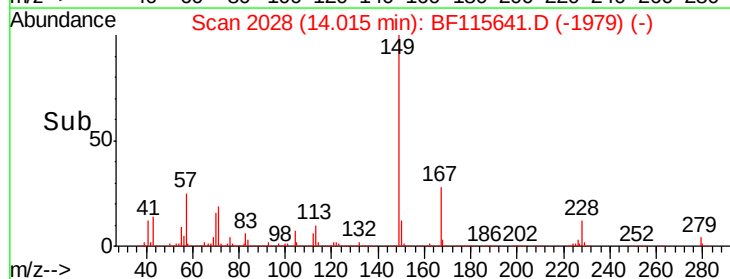
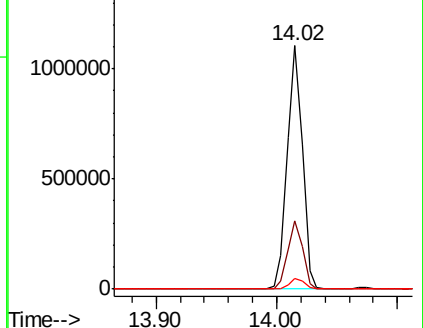
279 4.2 4.2 6.2

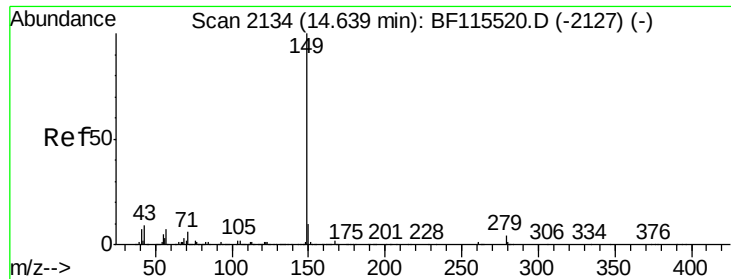


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

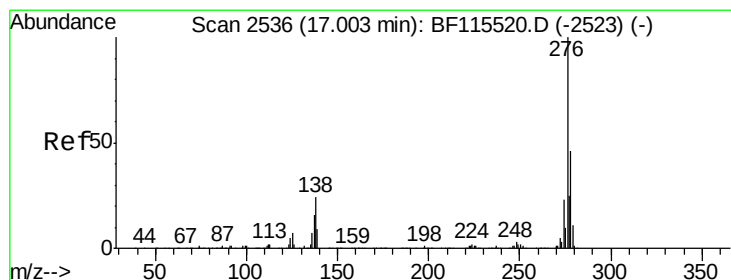
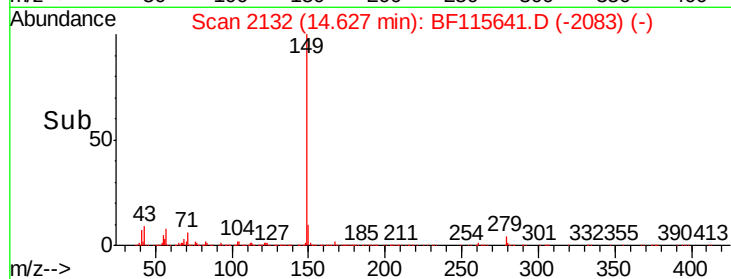
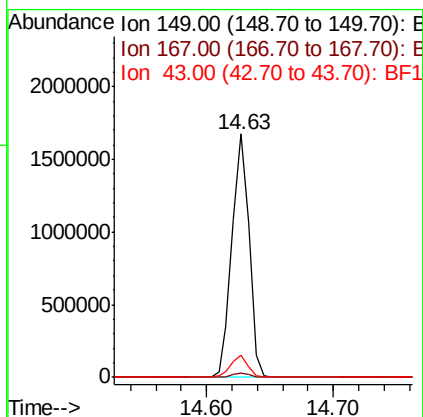
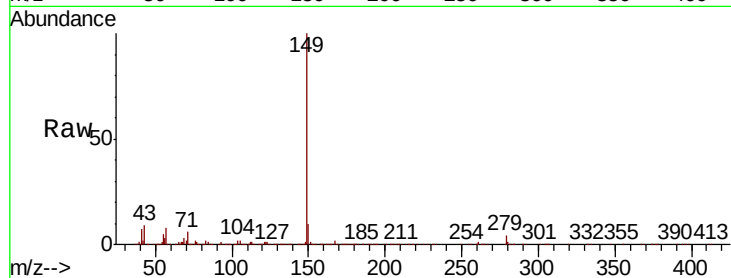




#85
Di-n-octyl phthalate
Concen: 45.258 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

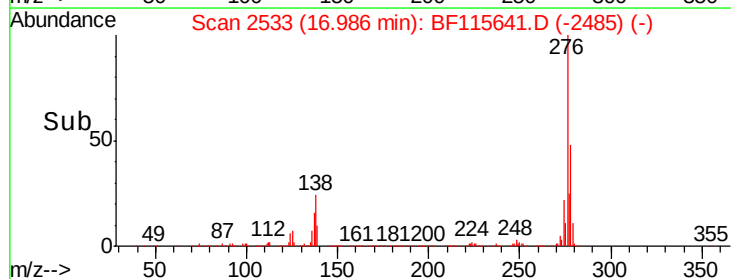
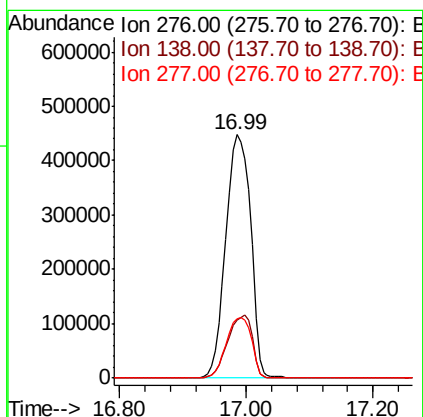
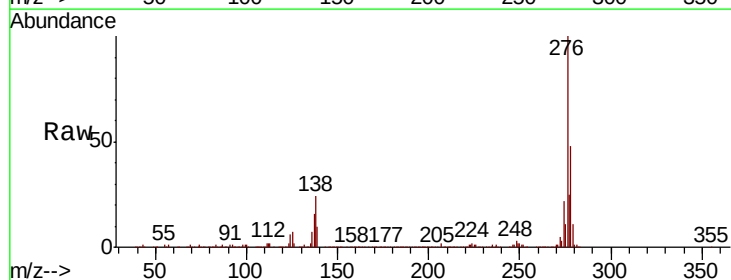
Instrument :
BNA_F
ClientSampleId :

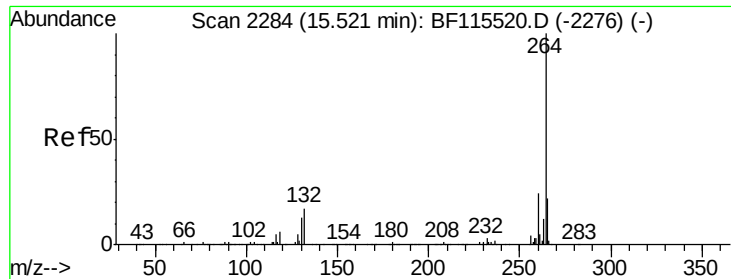
Tot Ion:149 Resp: 1551637
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.8 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.846 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:276 Resp: 1213639
Ion Ratio Lower Upper
276 100
138 25.7 20.2 30.2
277 25.3 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA_F

ClientSampleId :

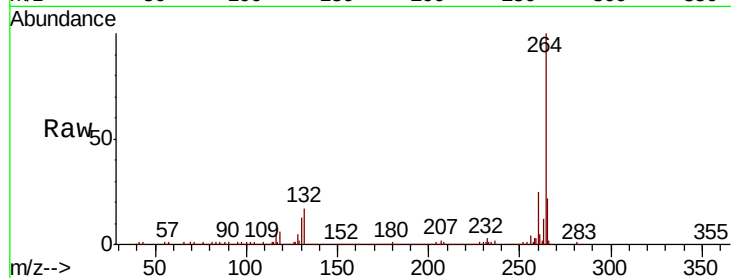
Tot Ion:264 Resp: 485017

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

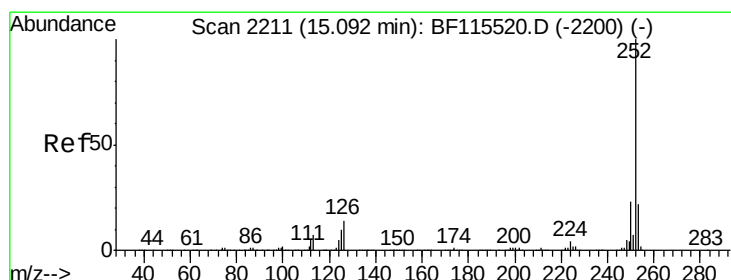
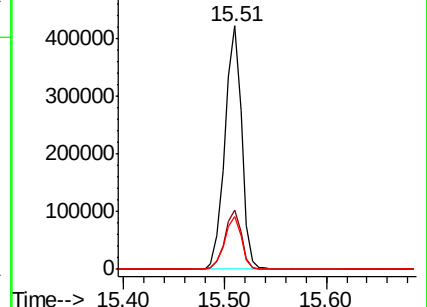
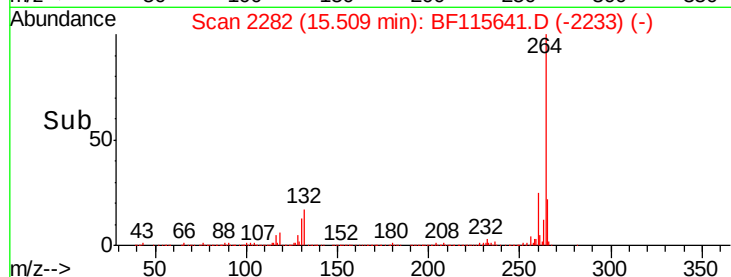
265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.704 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

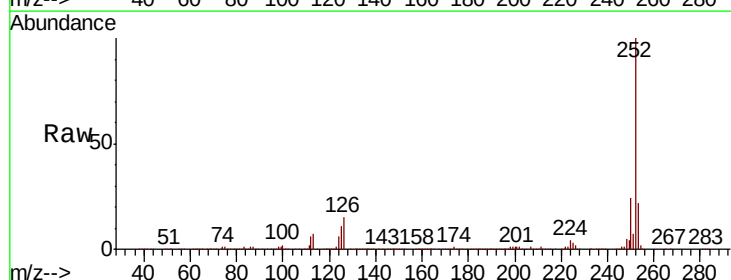
Tgt Ion:252 Resp: 1333696

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

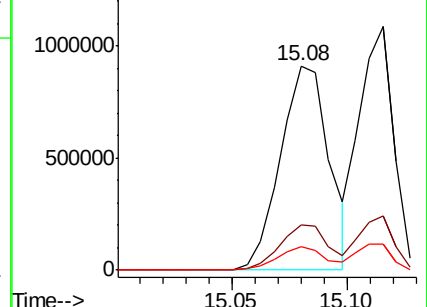
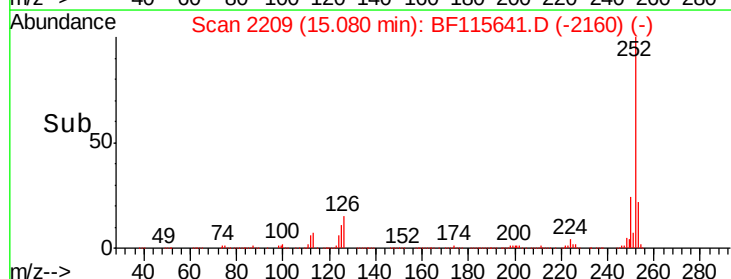
125 11.3 9.0 13.4

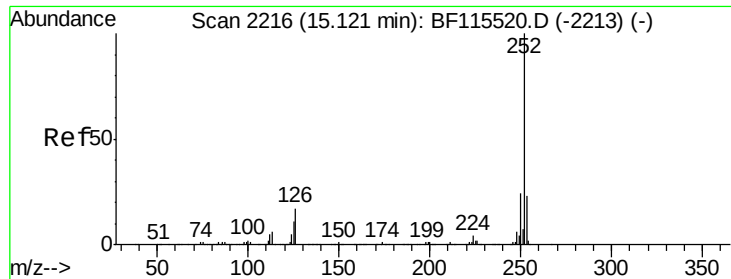


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

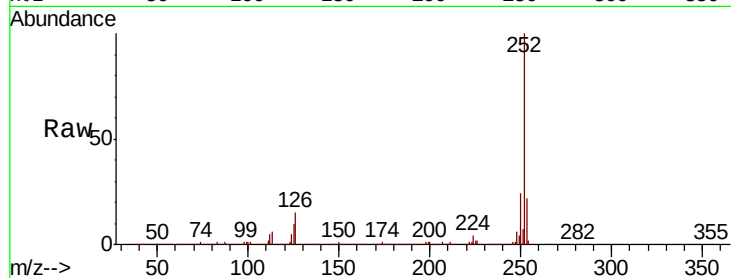




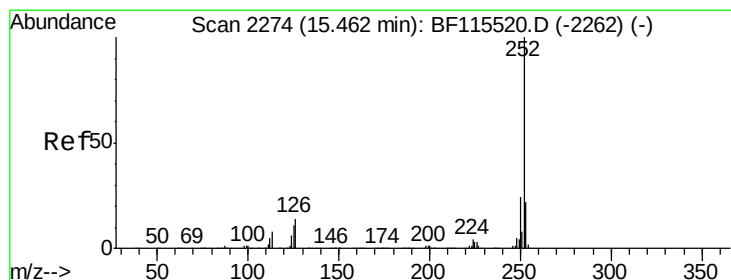
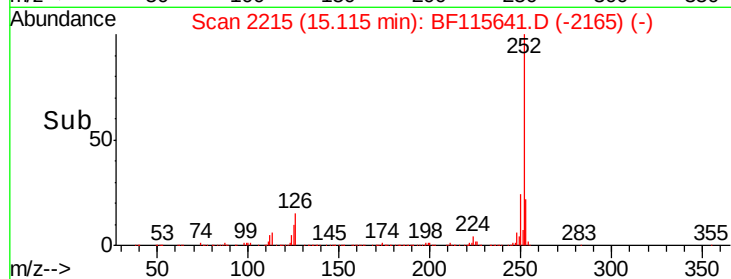
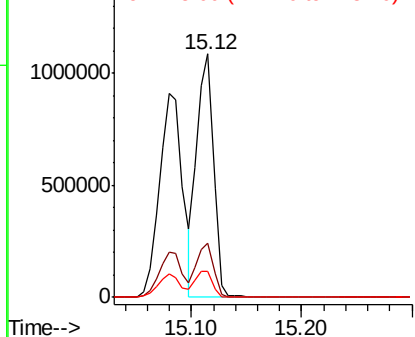
#89
Benzo(k)fluoranthene
Concen: 40.367 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1123994
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.5 9.0 13.6

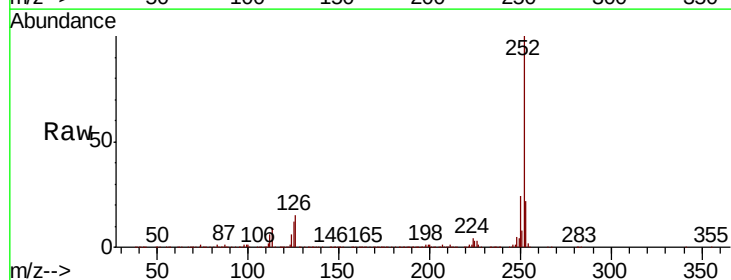


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

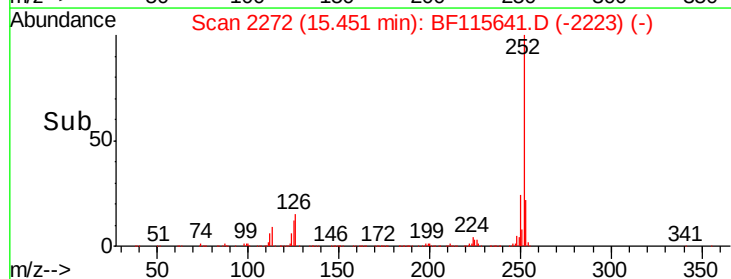
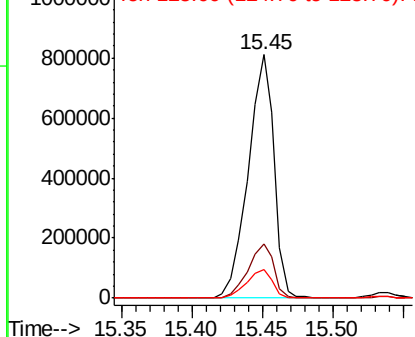


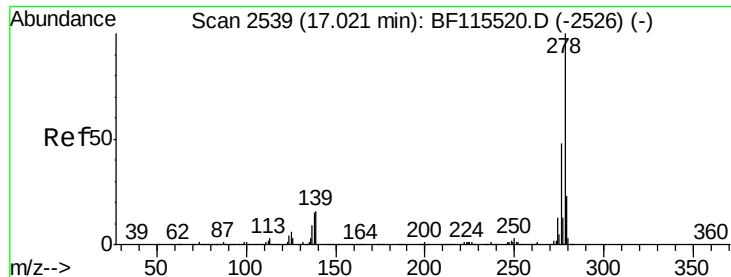
#90
Benzo(a)pyrene
Concen: 38.916 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion:252 Resp: 1044610
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.7 9.1 13.7



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

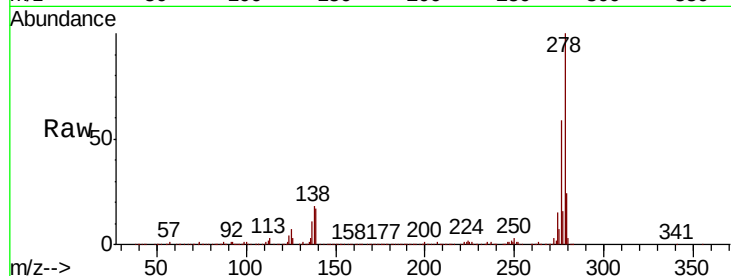




#91
Dibenzo(a,h)anthracene
Concen: 41.790 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	24.0	19.6	29.4

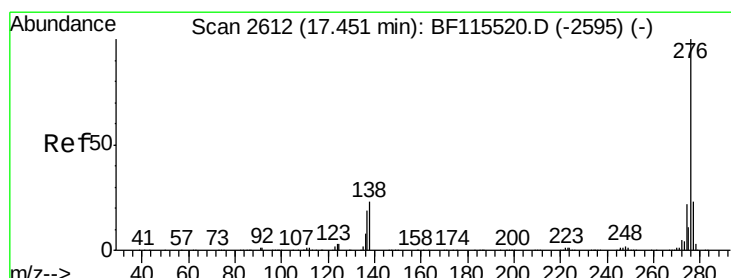
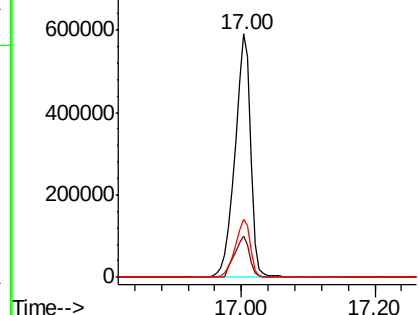
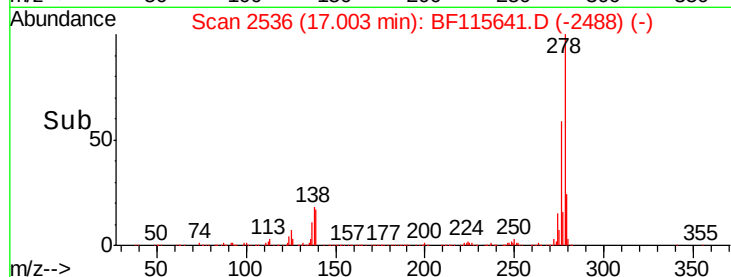


Abundance

Ion 278.00 (277.70 to 278.70): E

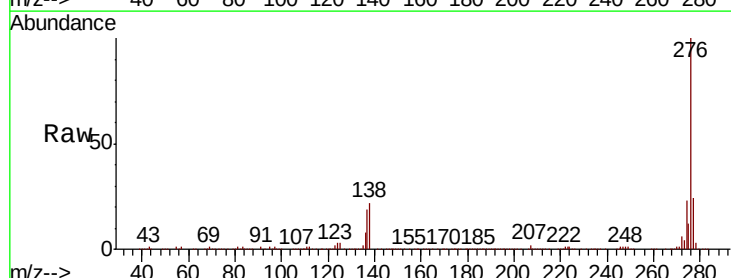
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.824 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115641.D
Acq: 18 Jul 2019 8:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.0	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

