

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115621.D
 Acq On : 17 Jul 2019 13:41
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 18 04:43:23 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	167324	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	713410	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	349809	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	609941	20.00	ng	0.00
76) Chrysene-d12	14.04	240	433095	20.00	ng	-0.01
87) Perylene-d12	15.50	264	427883	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	838747	81.99	ng	0.00
7) Phenol-d6	6.52	99	1070981	82.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	1050519	85.62	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	310149	75.96	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1735722	86.85	ng	-0.01
79) Terphenyl-d14	12.99	244	1780125	75.84	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	214909	42.117	ng	99
3) Pyridine	3.44	79	573919	41.456	ng	99
4) n-Nitrosodimethylamine	3.39	42	206074	41.032	ng	99
6) Aniline	6.55	93	744378	41.209	ng	99
8) 2-Chlorophenol	6.67	128	491431	41.785	ng	95
9) Benzaldehyde	6.43	77	331326	40.848	ng	98
10) Phenol	6.53	94	638295	42.361	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	472505	41.187	ng	98
12) 1,3-Dichlorobenzene	6.83	146	554664	41.946	ng	100
13) 1,4-Dichlorobenzene	6.90	146	544317	41.257	ng	97
14) 1,2-Dichlorobenzene	7.06	146	511508	42.412	ng	98
15) Benzyl Alcohol	7.02	79	440181	42.749	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	673139	44.569	ng	97
17) 2-Methylphenol	7.13	107	413305	40.778	ng	99
18) Hexachloroethane	7.40	117	210548	42.995	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	364775	43.090	ng	97
20) 3+4-Methylphenols	7.29	107	510202	42.379	ng	93
22) Acetophenone	7.29	105	674554	41.854	ng	# 97
24) Nitrobenzene	7.46	77	578225	43.695	ng	95
25) Isophorone	7.70	82	1037787	42.271	ng	98
26) 2-Nitrophenol	7.78	139	290848	42.700	ng	98
27) 2,4-Dimethylphenol	7.82	122	404784	39.718	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	638797	42.413	ng	99
29) 2,4-Dichlorophenol	8.02	162	443204	41.815	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	487733	40.709	ng	98
31) Naphthalene	8.19	128	1431144	41.422	ng	97
32) Benzoic acid	7.95	122	368055	44.005	ng	99
33) 4-Chloroaniline	8.23	127	636900	41.616	ng	99
34) Hexachlorobutadiene	8.31	225	280230	40.787	ng	100
35) Caprolactam	8.61	113	143535	43.824	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	458348	41.689	ng	99
37) 2-Methylnaphthalene	8.88	142	943122	41.180	ng	98
38) 1-Methylnaphthalene	8.98	142	913252	41.981	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	433460	41.149	ng	97

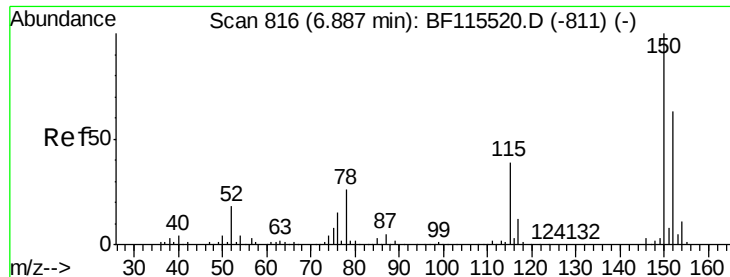
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	241707	40.224	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	313171	40.653	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	333558	42.281	ng	98
46) 1,1'-Biphenyl	9.34	154	1155207	42.241	ng	97
47) 2-Chloronaphthalene	9.37	162	949046	41.678	ng	97
48) 2-Nitroaniline	9.46	65	304845	43.253	ng	98
49) Acenaphthylene	9.78	152	1417180	42.001	ng	98
50) Dimethylphthalate	9.64	163	1119454	42.535	ng	99
51) 2,6-Dinitrotoluene	9.70	165	255872	42.780	ng	99
52) Acenaphthene	9.96	154	951529	43.680	ng	99
53) 3-Nitroaniline	9.87	138	294748	43.124	ng	99
54) 2,4-Dinitrophenol	9.97	184	146276	47.635	ng	93
55) Dibenzofuran	10.13	168	1278143	41.316	ng	98
56) 4-Nitrophenol	10.02	139	237871	45.639	ng	99
57) 2,4-Dinitrotoluene	10.10	165	350319	45.210	ng	91
58) Fluorene	10.47	166	963086	43.548	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	280021	42.460	ng	100
60) Diethylphthalate	10.34	149	1060829	43.019	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	502341	40.960	ng	98
62) 4-Nitroaniline	10.48	138	301907	46.049	ng	96
63) Azobenzene	10.62	77	1064255	44.495	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	190472	51.112	ng	87
66) n-Nitrosodiphenylamine	10.57	169	896337	47.243	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	284970	40.884	ng	98
68) Hexachlorobenzene	11.02	284	325937	40.947	ng	99
69) Atrazine	11.10	200	239380	38.459	ng	98
70) Pentachlorophenol	11.21	266	199100	40.896	ng	99
71) Phenanthrene	11.43	178	1301632	41.632	ng	98
72) Anthracene	11.48	178	1315699	40.720	ng	99
73) Carbazole	11.63	167	1207177	42.605	ng	99
74) Di-n-butylphthalate	11.96	149	1441981	41.316	ng	100
75) Fluoranthene	12.62	202	1396668	42.274	ng	99
77) Benzidine	12.73	184	689633	44.949	ng	98
78) Pyrene	12.84	202	1397236	38.079	ng	97
80) Butylbenzylphthalate	13.46	149	616292	39.399	ng	97
81) Benzo(a)anthracene	14.03	228	1197233	41.960	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	447210	44.090	ng	97
83) Chrysene	14.07	228	1175542	41.042	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	788322	40.686	ng	99
85) Di-n-octyl phthalate	14.63	149	1303887	42.295	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	931555	38.282	ng	99
88) Benzo(b)fluoranthene	15.08	252	1134299	41.169	ng	98
89) Benzo(k)fluoranthene	15.11	252	1032680	42.040	ng	97
90) Benzo(a)pyrene	15.44	252	984817	41.587	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	757403	36.432	ng	100
92) Benzo(g,h,i)perylene	17.42	276	710400	34.263	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: BF115621.D

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BNA_F

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SSTDCCC040

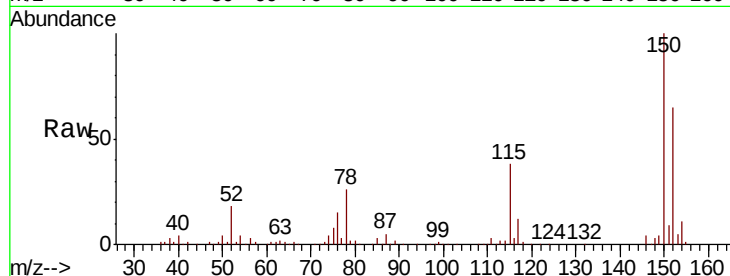
Tot Ion:152 Resp: 167324

Ion Ratio Lower Upper

152 100

150 152.8 129.7 194.5

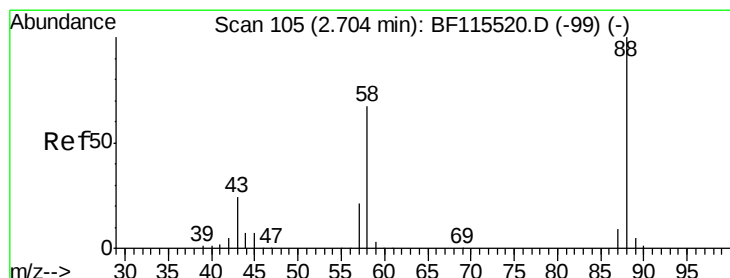
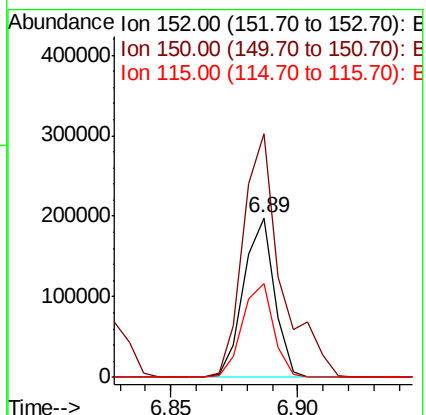
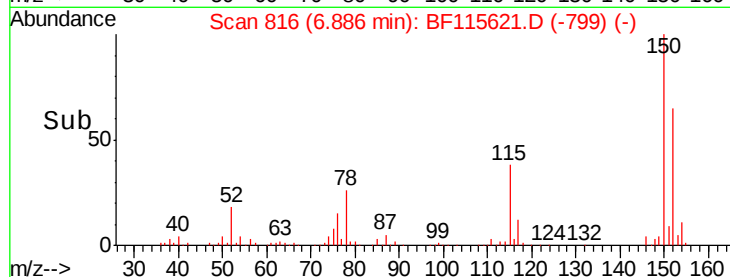
115 58.6 48.2 72.4



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: 42.117 ng

RT: 2.67 min Scan# 100

Delta R.T. -0.03 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

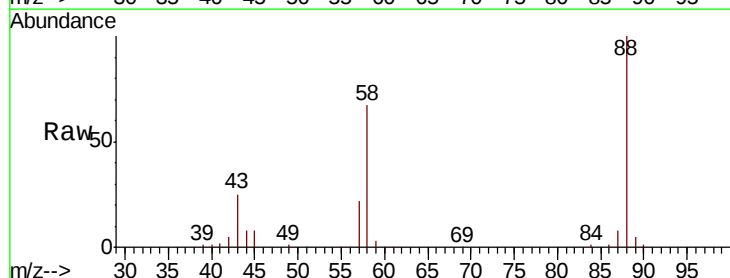
Tgt Ion: 88 Resp: 214909

Ion Ratio Lower Upper

88 100

58 66.5 52.6 79.0

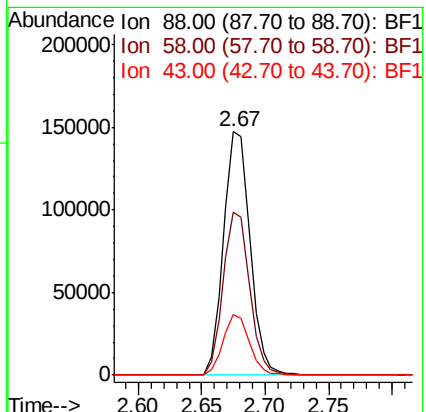
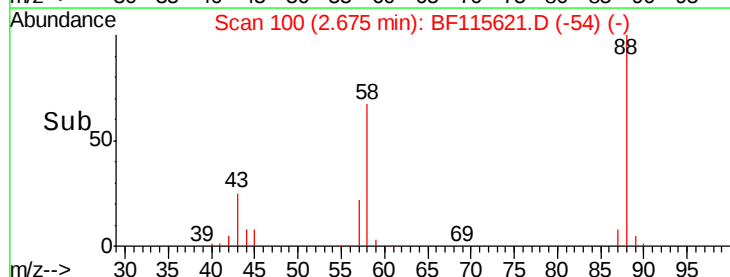
43 24.6 19.1 28.7

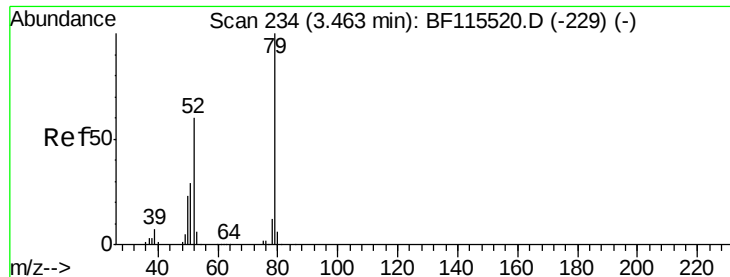


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



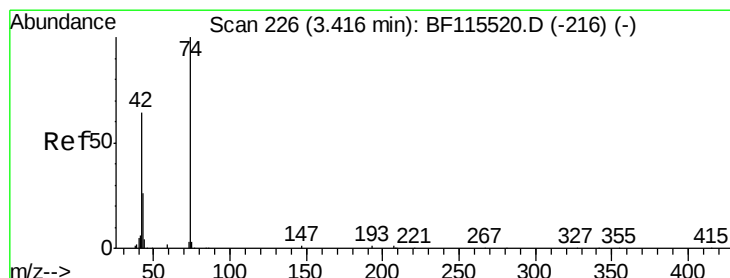
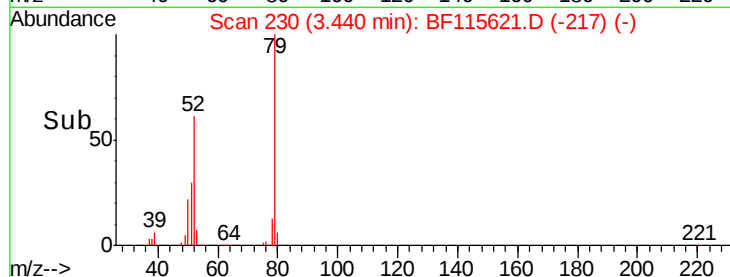
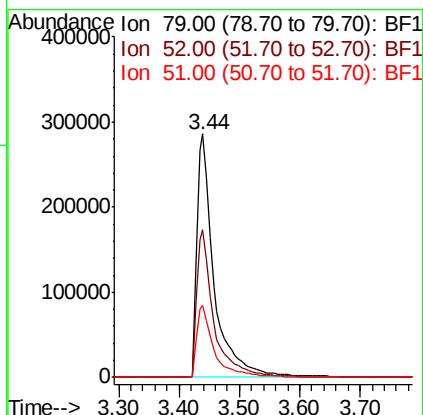
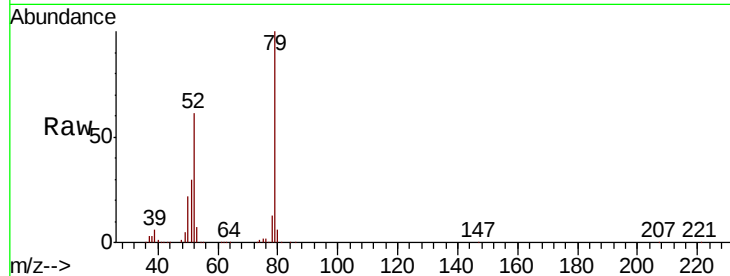


#3
 Pvridine
 Concen: 41.456 ng
 RT: 3.44 min Scan# 230
 Delta R.T. -0.02 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 573919

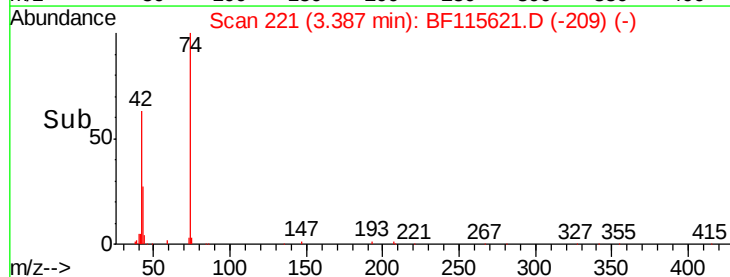
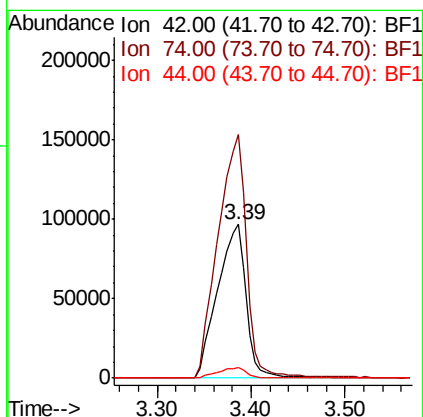
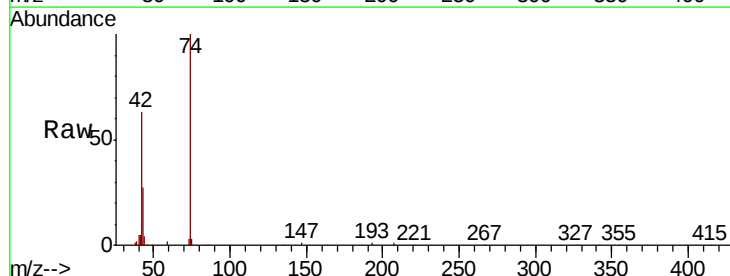
Ion	Ratio	Lower	Upper
79	100		
52	60.6	47.8	71.6
51	29.6	23.8	35.8

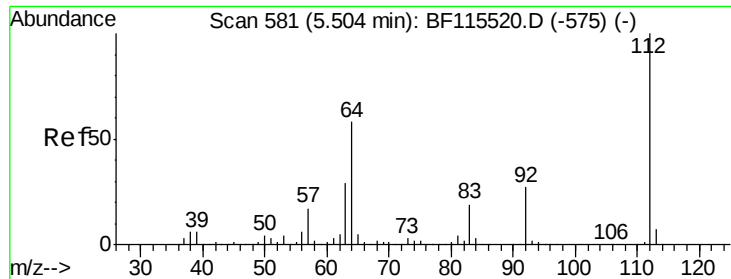


#4
 n-Nitrosodimethylamine
 Concen: 41.032 ng
 RT: 3.39 min Scan# 221
 Delta R.T. -0.03 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion: 42 Resp: 206074

Ion	Ratio	Lower	Upper
42	100		
74	158.4	127.5	191.3
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 81.993 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

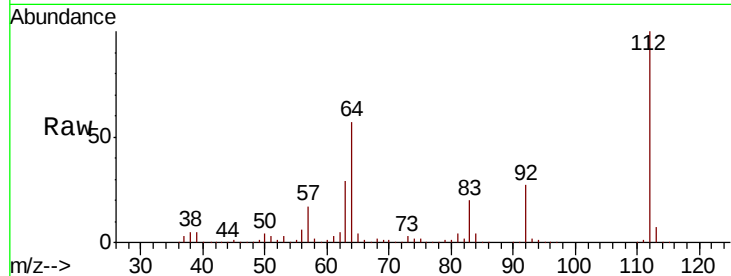
Tot Ion:112 Resp: 838747

Ion Ratio Lower Upper

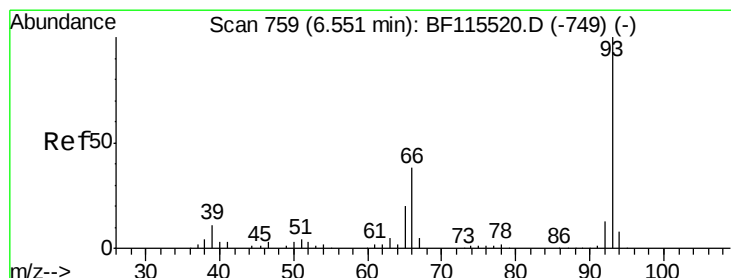
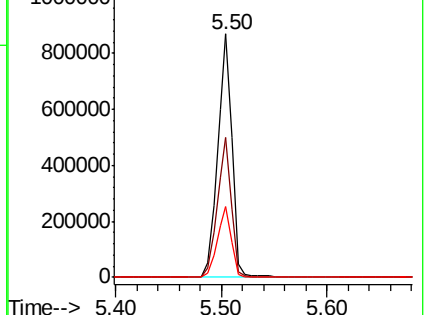
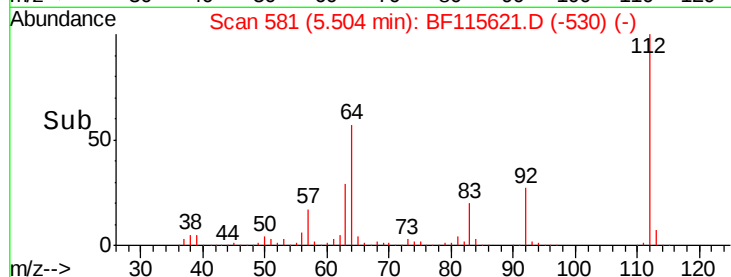
112 100

64 57.2 46.8 70.2

63 29.1 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: 41.209 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

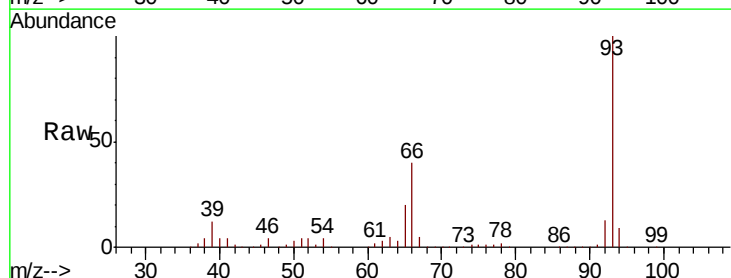
Tgt Ion: 93 Resp: 744378

Ion Ratio Lower Upper

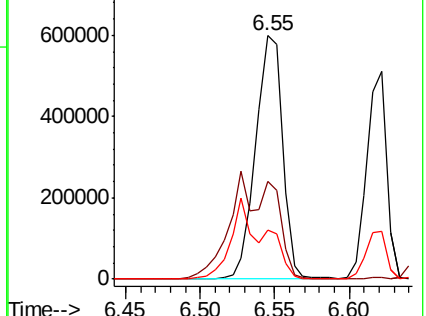
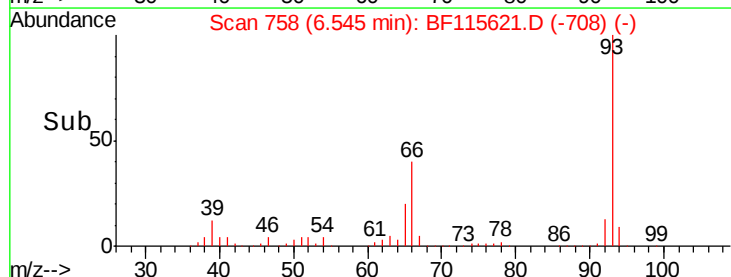
93 100

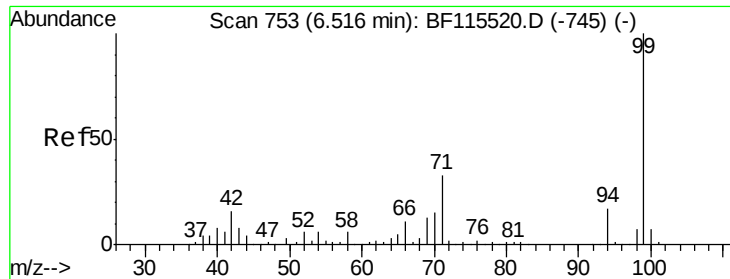
66 40.0 31.7 47.5

65 19.9 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: 82.510 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

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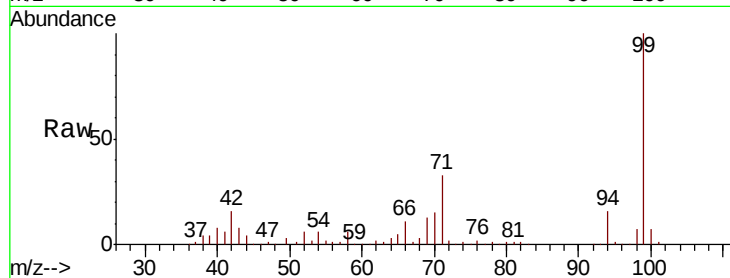
Tot Ion: 99 Resp: 1070981

Ion Ratio Lower Upper

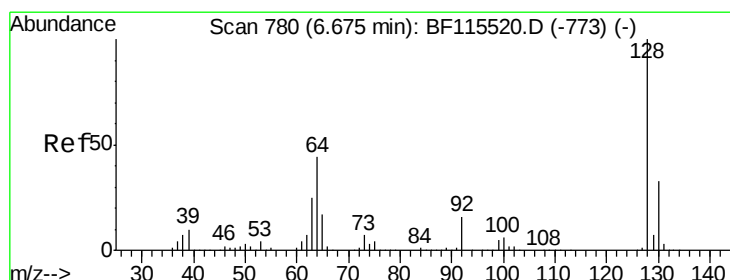
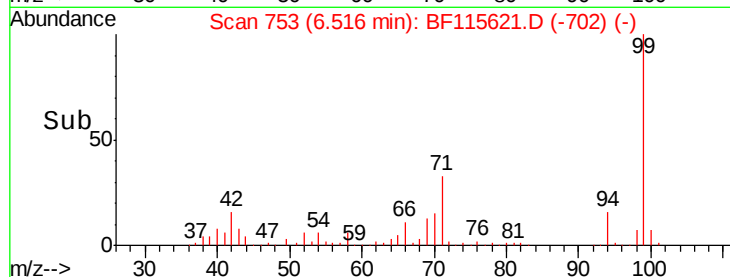
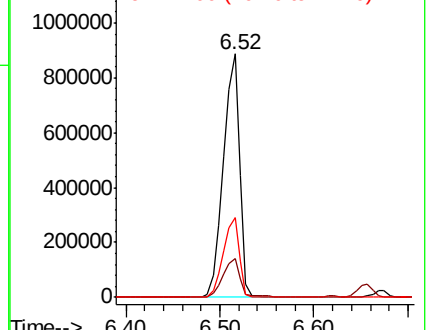
99 100

42 16.0 13.6 20.4

71 32.9 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: 41.785 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

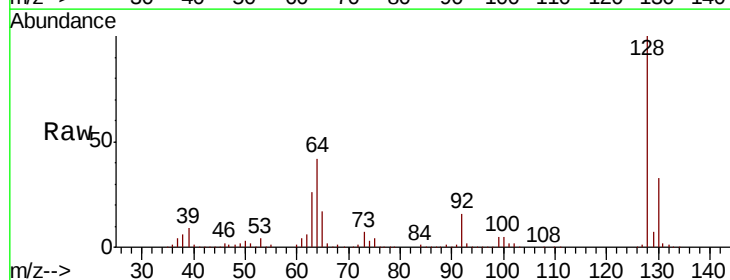
Tgt Ion: 128 Resp: 491431

Ion Ratio Lower Upper

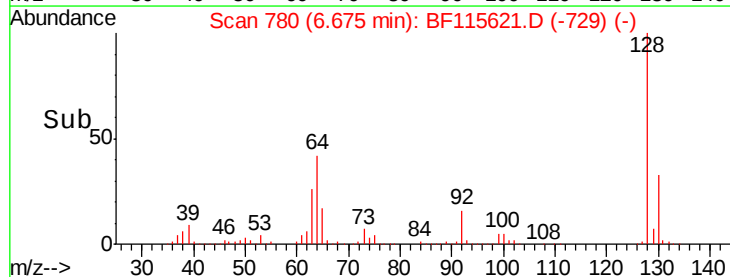
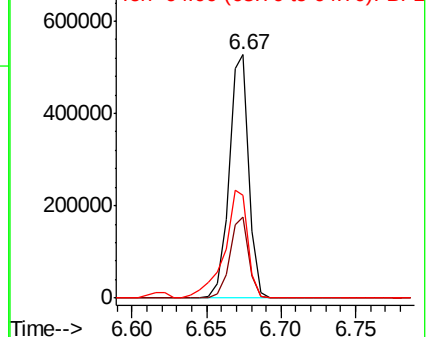
128 100

130 33.4 12.8 52.8

64 42.0 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: 40.848 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

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SSTDCCC040

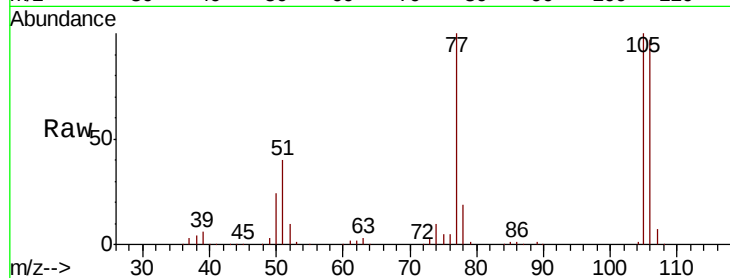
Tot Ion: 77 Resp: 331326

Ion Ratio Lower Upper

77 100

105 100.4 78.8 118.8

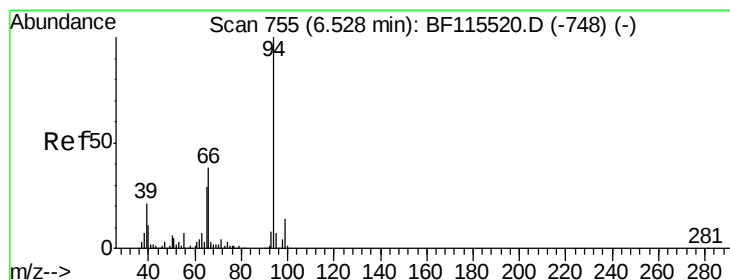
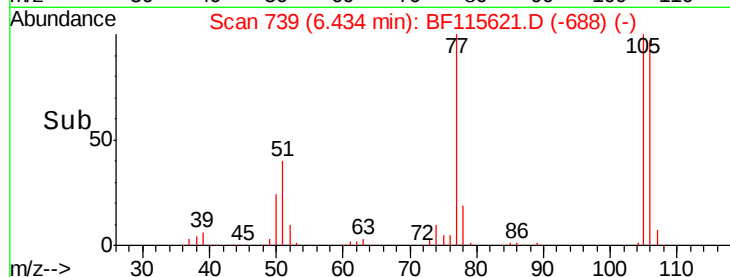
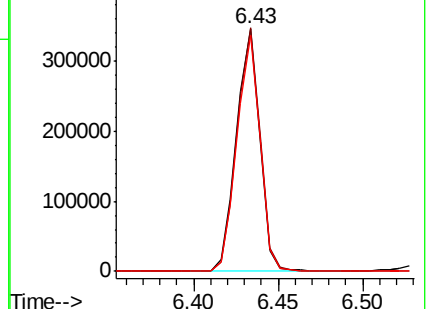
106 97.1 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.361 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

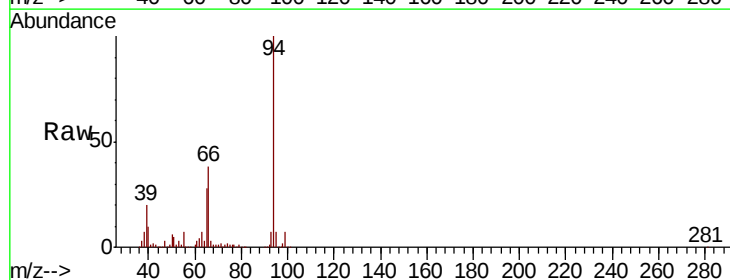
Tgt Ion: 94 Resp: 638295

Ion Ratio Lower Upper

94 100

65 28.0 14.5 54.5

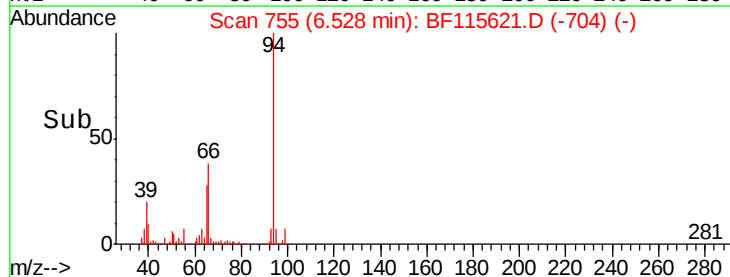
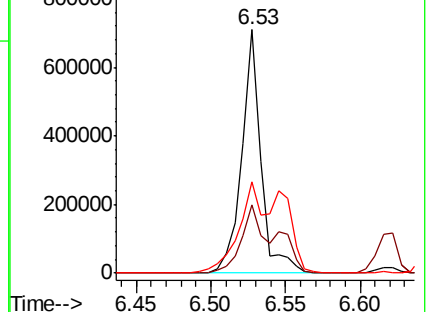
66 37.6 31.3 71.3

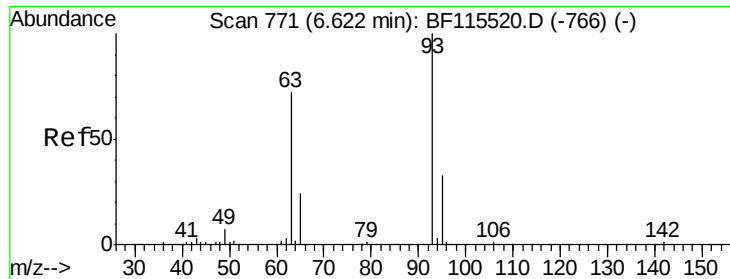


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.187 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

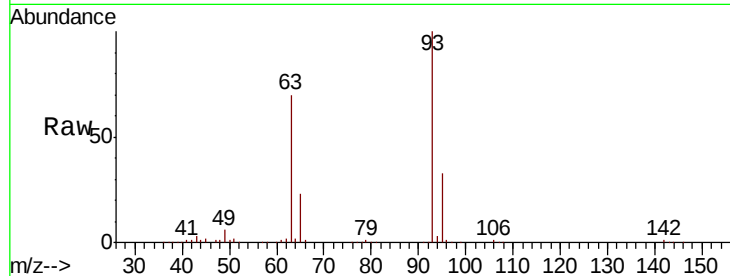
Tot Ion: 93 Resp: 472505

Ion Ratio Lower Upper

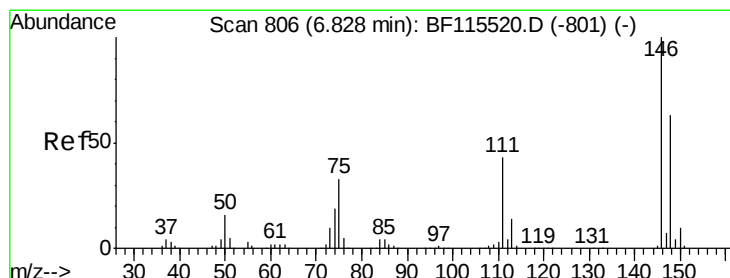
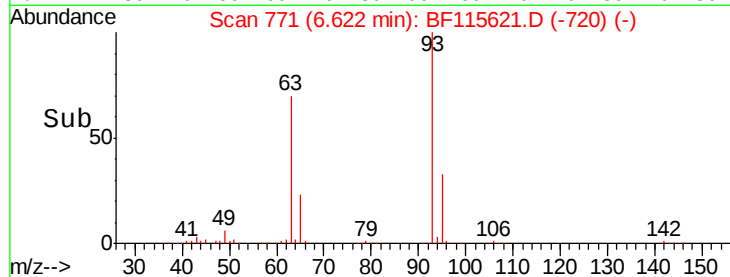
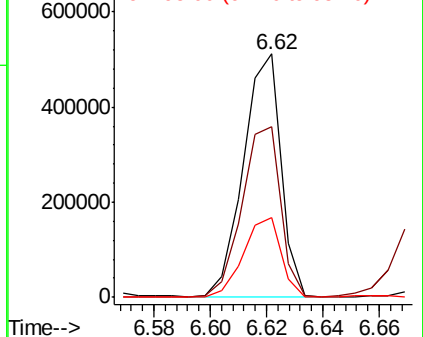
93 100

63 70.3 52.2 92.2

95 32.9 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.946 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

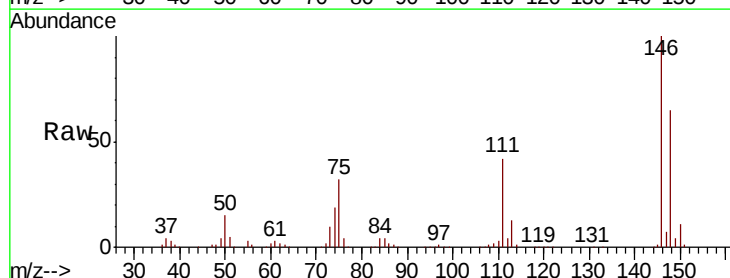
Tgt Ion: 146 Resp: 554664

Ion Ratio Lower Upper

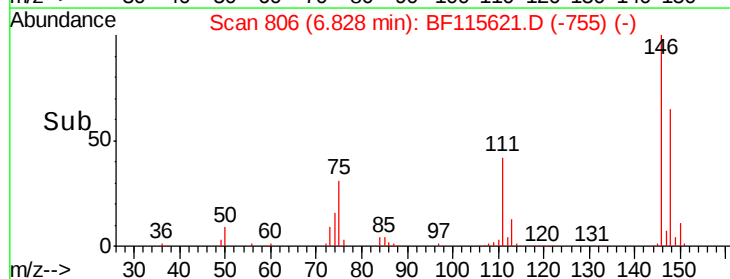
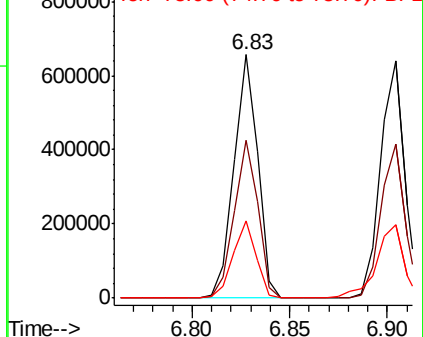
146 100

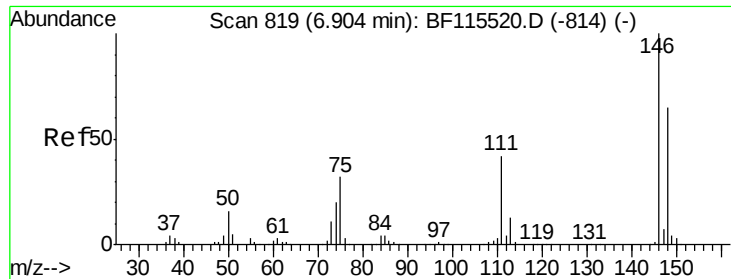
148 65.0 52.1 78.1

75 31.7 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

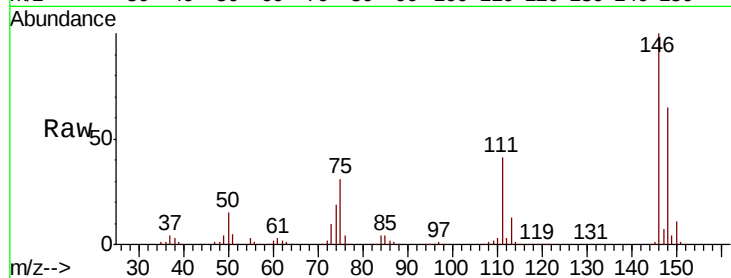




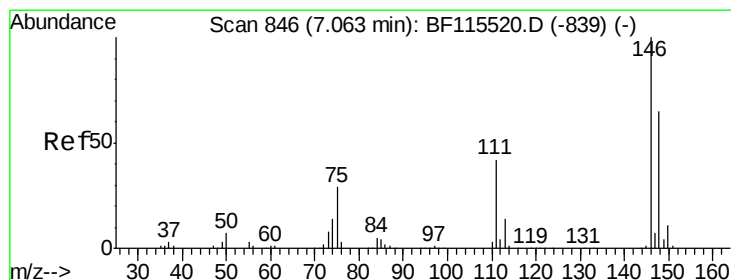
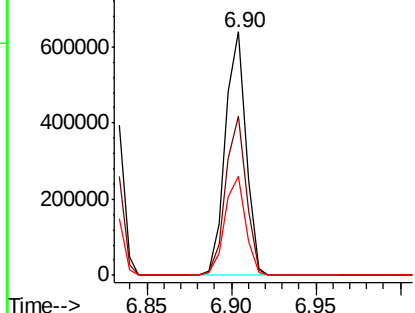
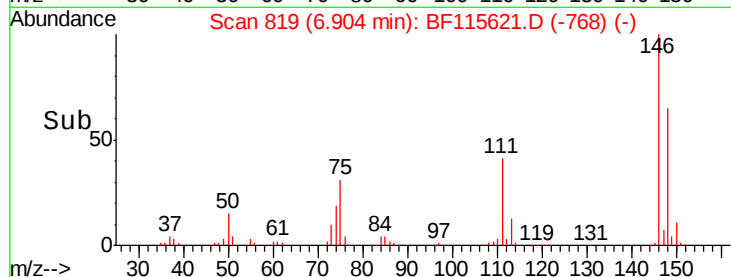
#13
 1,4-Dichlorobenzene
 Concen: 41.257 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	40.6	35.5	53.3

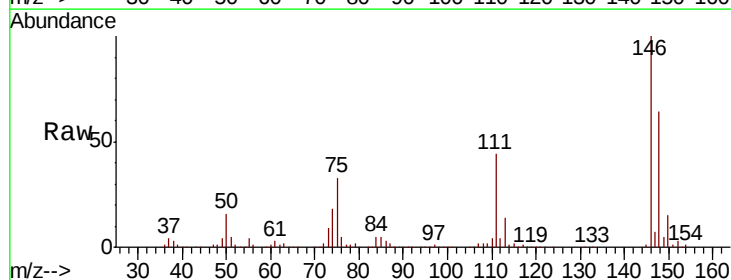


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

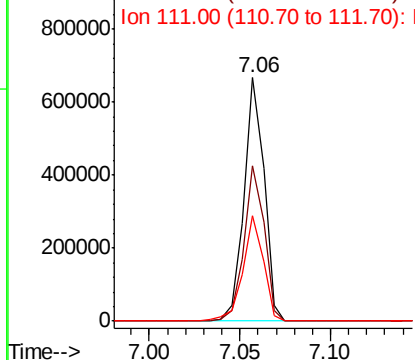
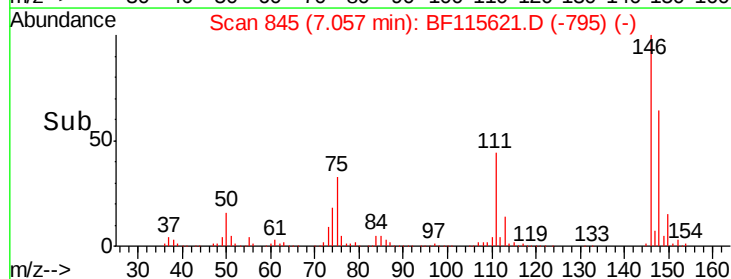


#14
 1,2-Dichlorobenzene
 Concen: 42.412 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	43.5	37.6	56.4



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





#15

Benzyl Alcohol

Concen: 42.749 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

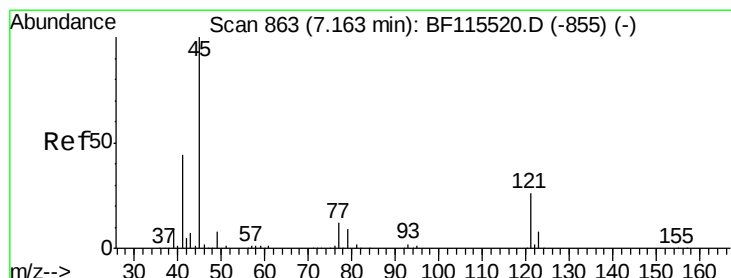
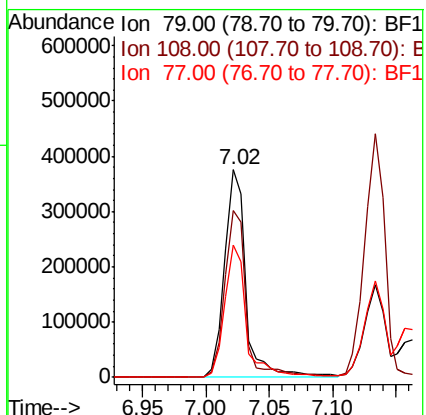
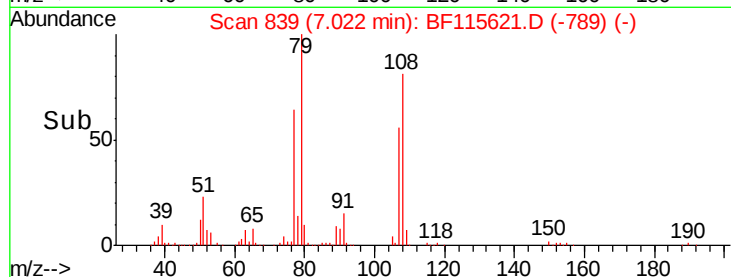
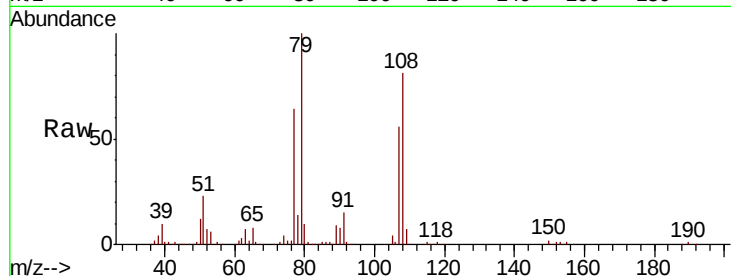
Tot Ion: 79 Resp: 440181

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.4

77 63.6 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.569 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

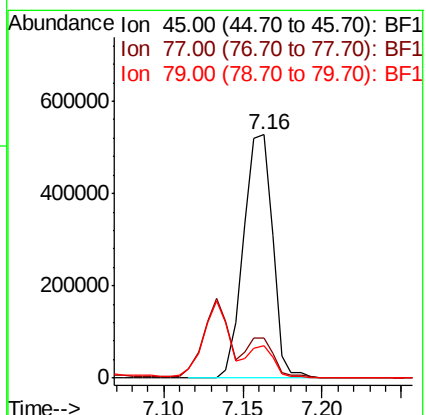
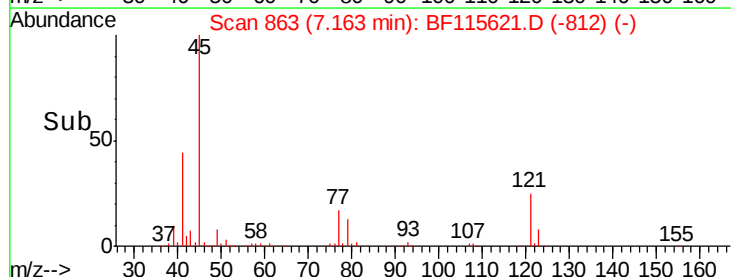
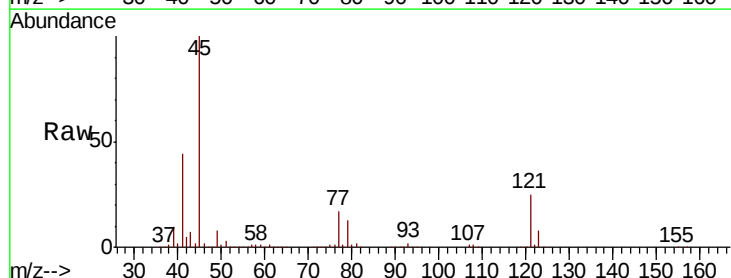
Tgt Ion: 45 Resp: 673139

Ion Ratio Lower Upper

45 100

77 16.5 0.0 38.1

79 13.1 0.0 34.1

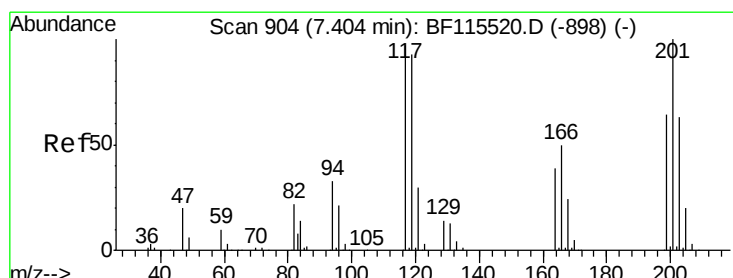
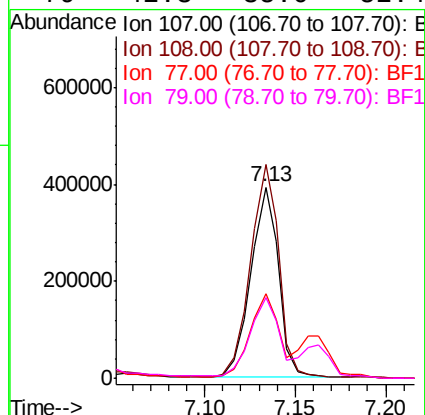
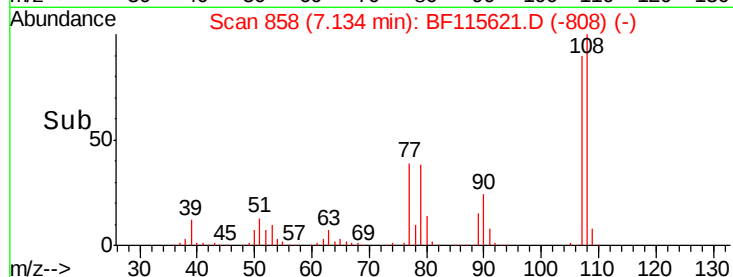
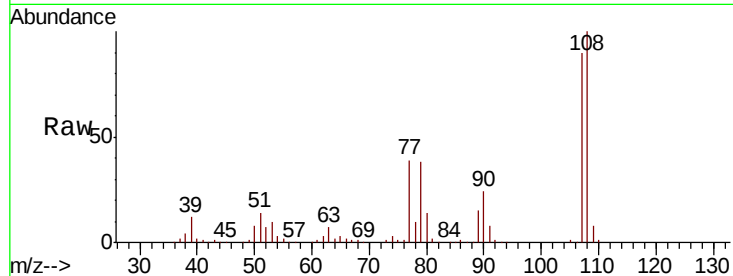




#17
2-Methylphenol
Concen: 40.778 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

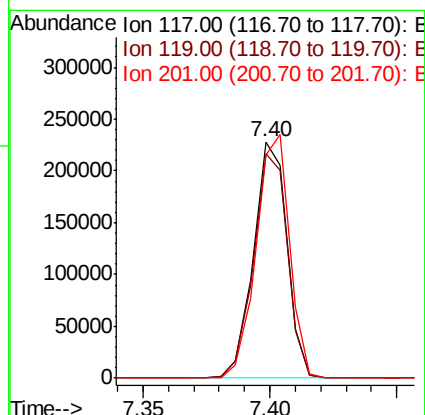
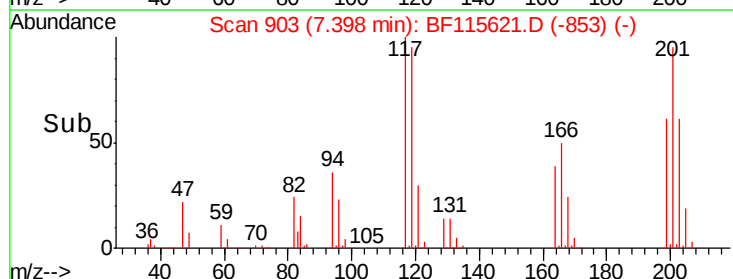
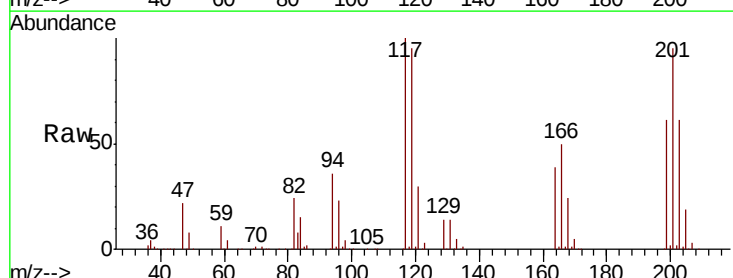
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

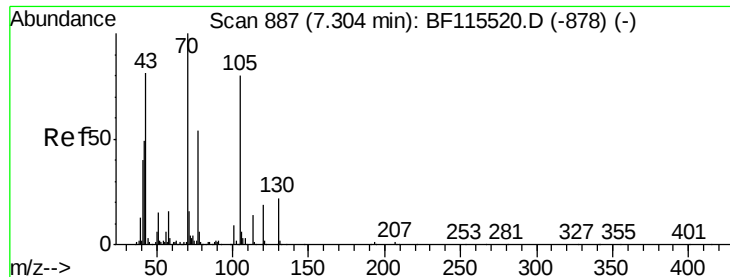
Tot Ion:107 Resp: 413305
Ion Ratio Lower Upper
107 100
108 111.6 89.4 134.2
77 44.0 35.7 53.5
79 42.3 35.0 52.4



#18
Hexachloroethane
Concen: 42.995 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:117 Resp: 210548
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5
201 94.7 86.0 129.0

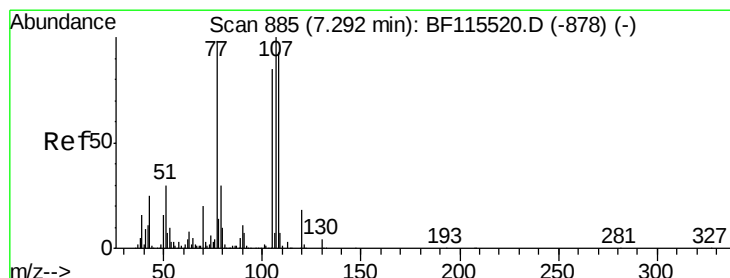
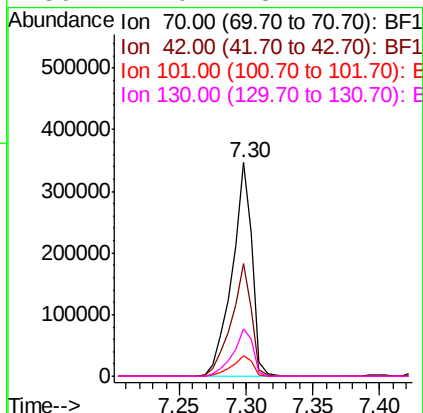
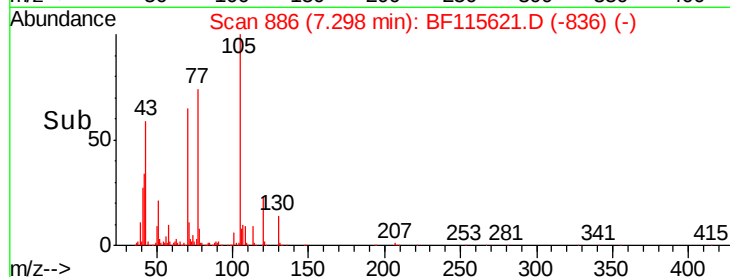
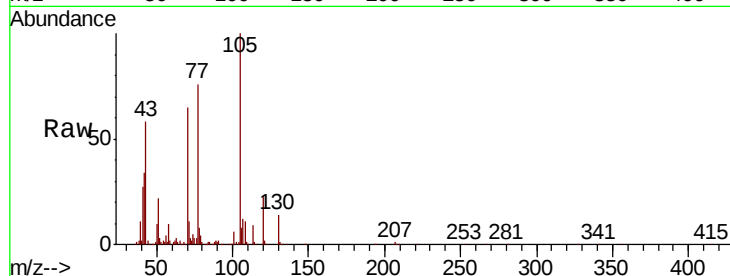




#19
n-Nitroso-di-n-propylamine
Concen: 43.090 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

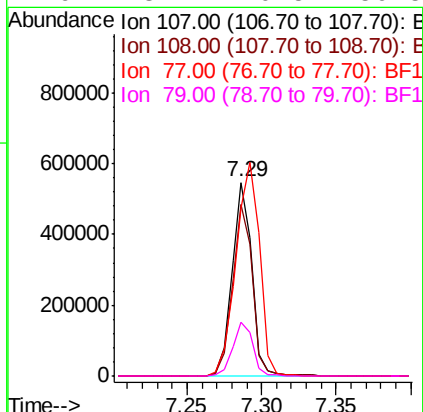
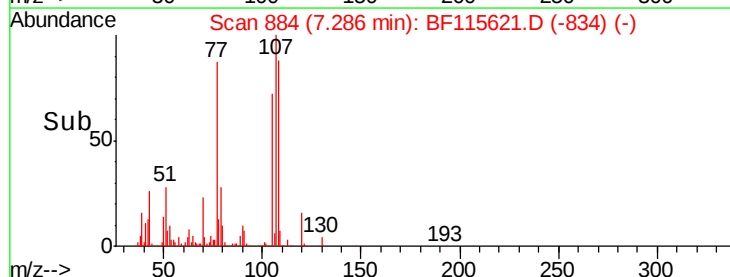
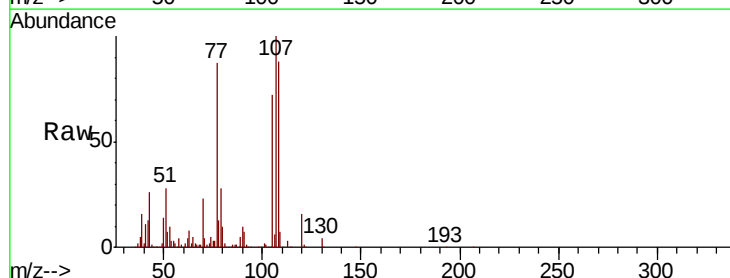
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 364775
Ion Ratio Lower Upper
70 100
42 52.8 39.6 59.4
101 9.7 8.1 12.1
130 22.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.379 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion: 107 Resp: 510202
Ion Ratio Lower Upper
107 100
108 88.4 72.9 112.9
77 86.9 77.6 117.6
79 28.1 10.5 50.5

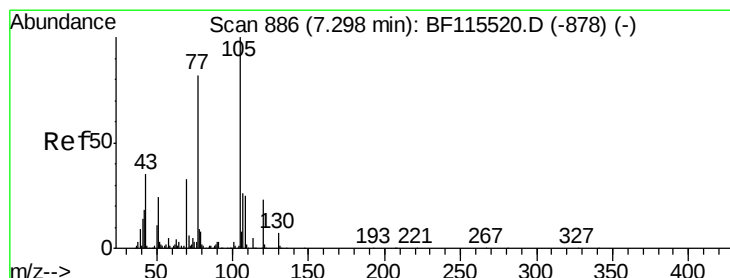
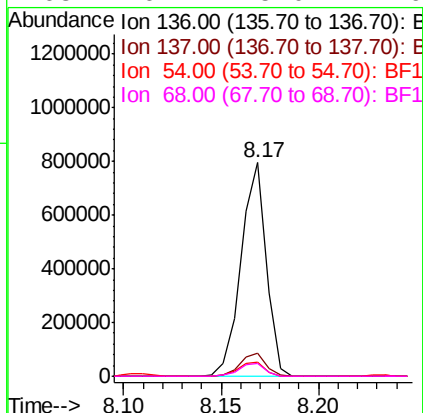
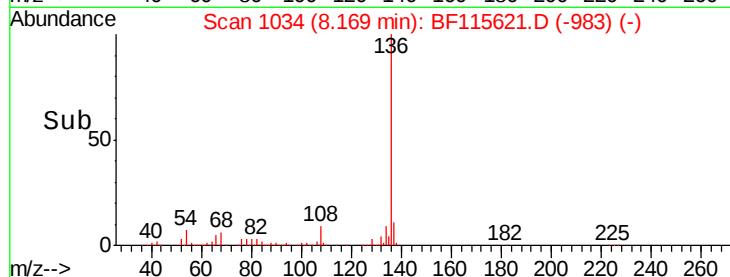
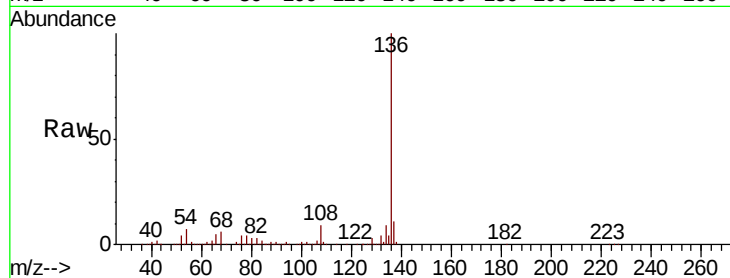




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

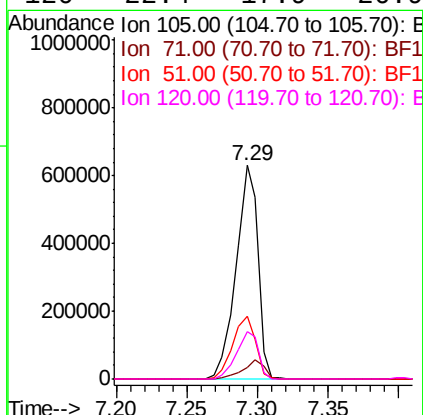
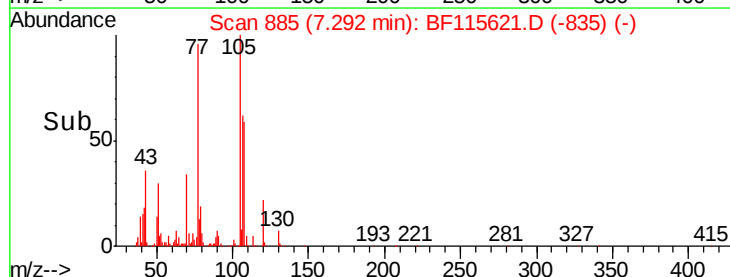
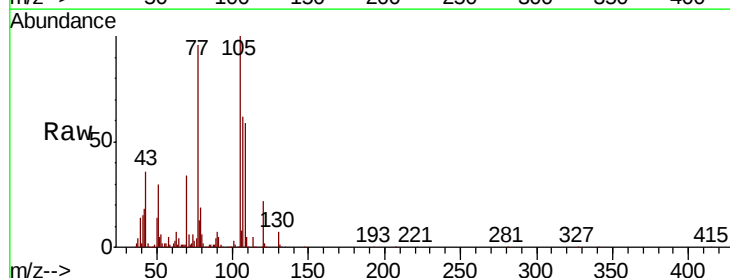
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

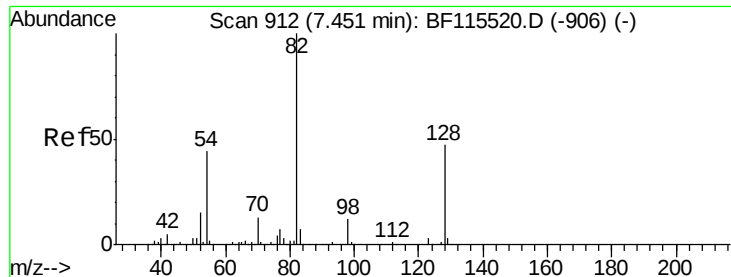
Tot Ion:136	Resp: 713410
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 6.6	5.6 8.4
68 6.2	5.0 7.6



#22
Acetophenone
Concen: 41.854 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt	Ion:105	Resp:	674554
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.5	5.3#
51	29.6	25.6	38.4
120	22.4	17.9	26.9



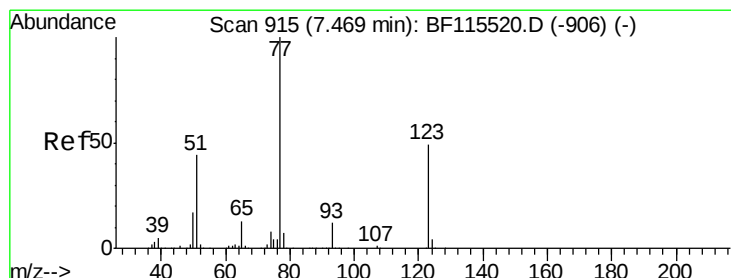
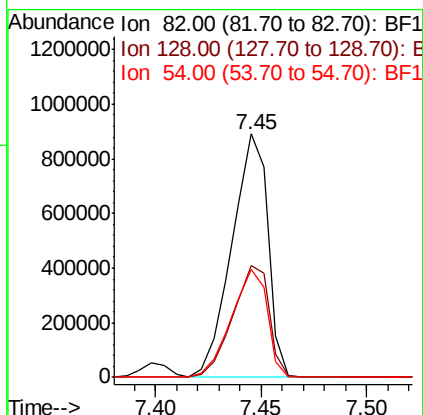
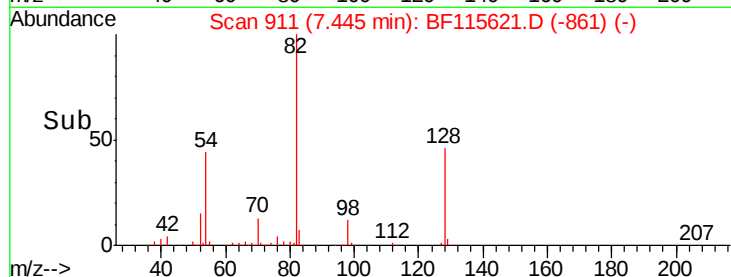
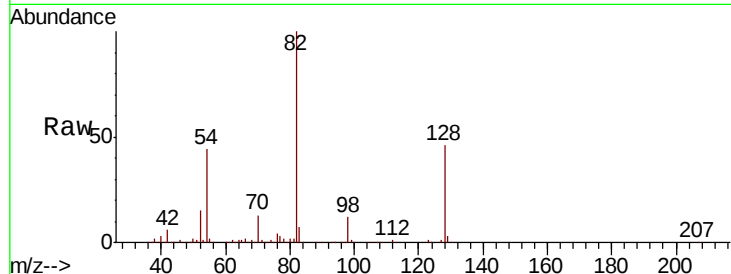


#23
 Nitrobenzene-d5
 Concen: 85.623 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1050519

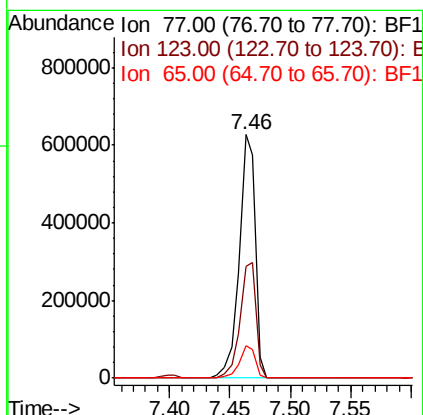
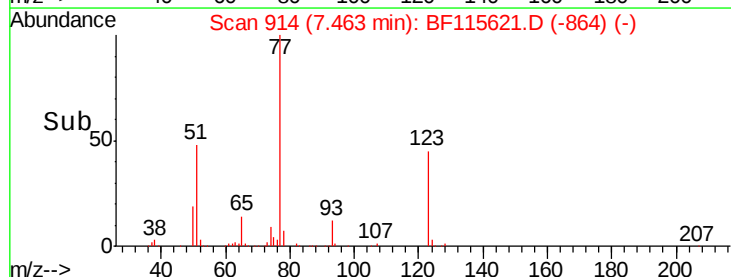
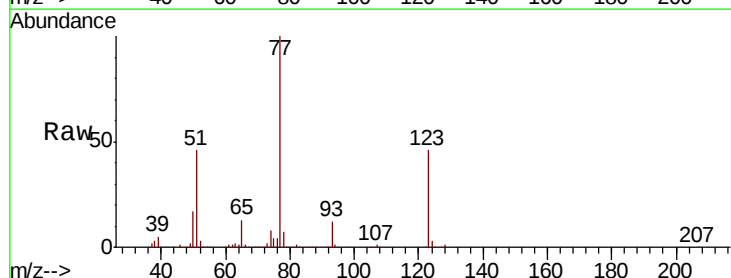
Ion	Ratio	Lower	Upper
82	100		
128	45.8	38.6	57.8
54	44.3	35.6	53.4

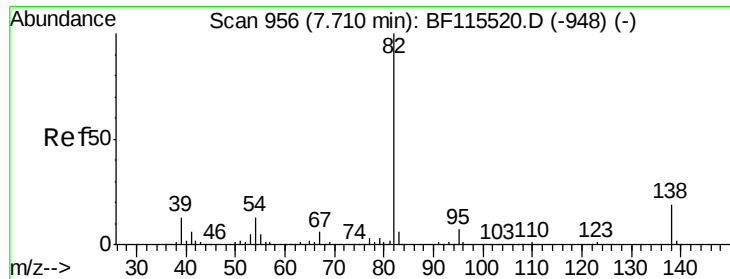


#24
 Nitrobenzene
 Concen: 43.695 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion: 77 Resp: 578225

Ion	Ratio	Lower	Upper
77	100		
123	45.8	40.0	60.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 42.271 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

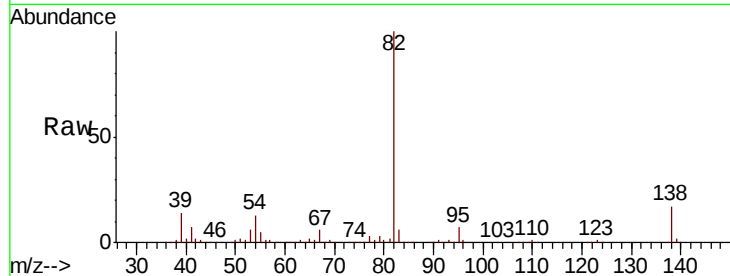
Tot Ion: 82 Resp: 1037787

Ion Ratio Lower Upper

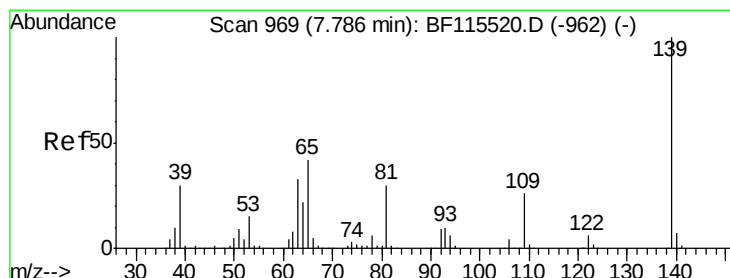
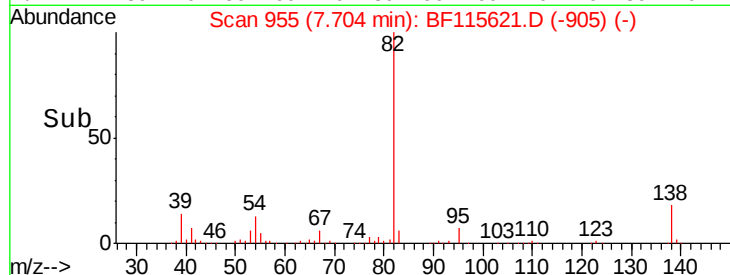
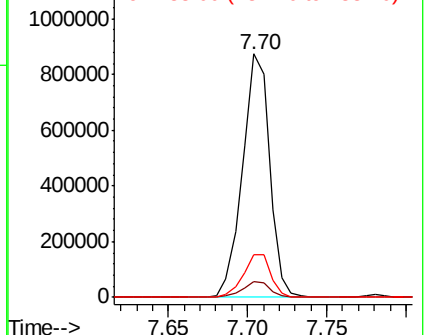
82 100

95 6.6 5.5 8.3

138 17.5 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: 42.700 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

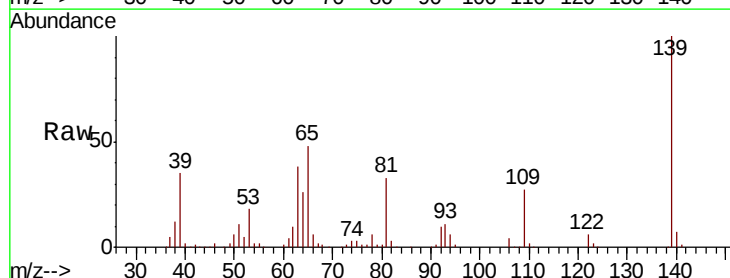
Tgt Ion: 139 Resp: 290848

Ion Ratio Lower Upper

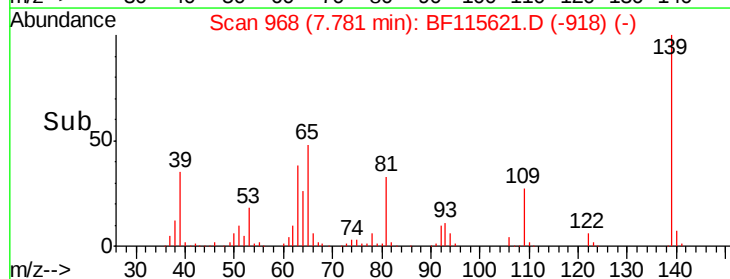
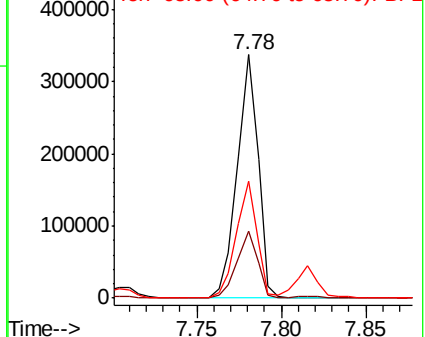
139 100

109 27.3 23.3 34.9

65 48.0 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: 39.718 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

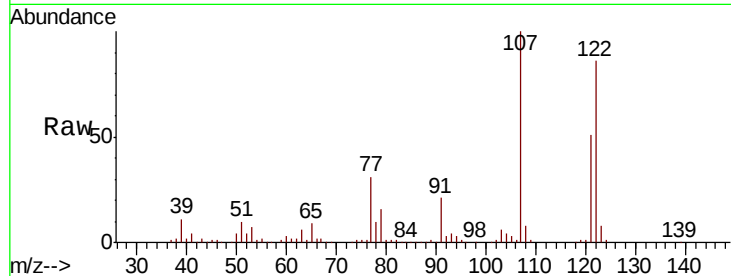
Tot Ion:122 Resp: 404784

Ion Ratio Lower Upper

122 100

107 115.9 92.9 139.3

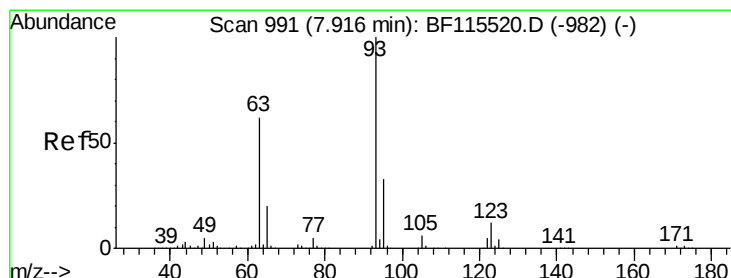
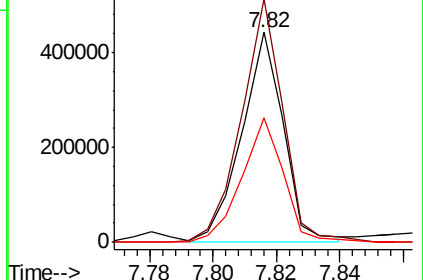
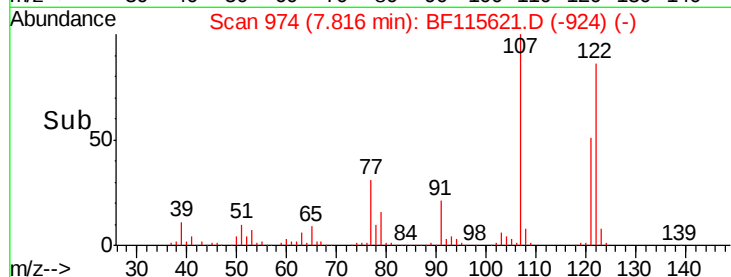
121 59.0 46.9 70.3



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: 42.413 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

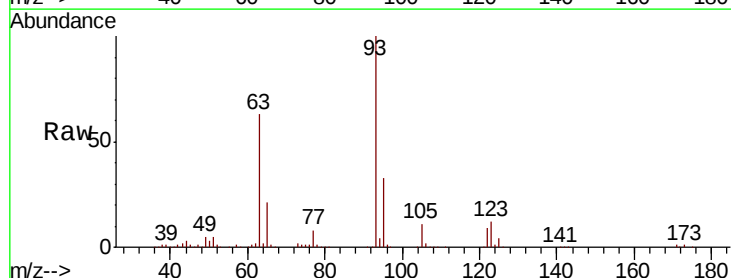
Tgt Ion: 93 Resp: 638797

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

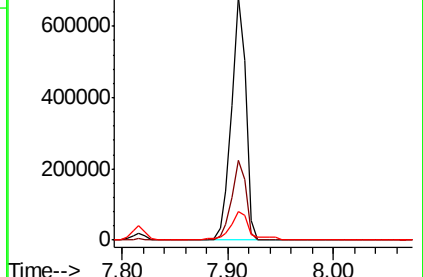
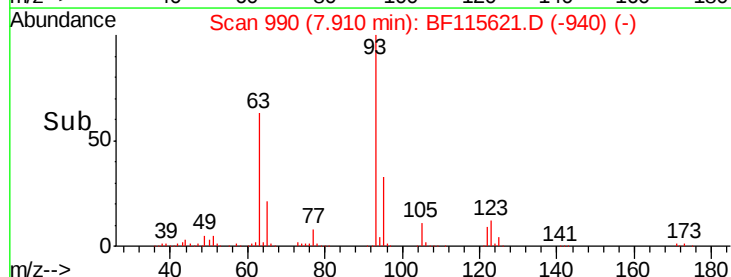
123 11.9 9.9 14.9

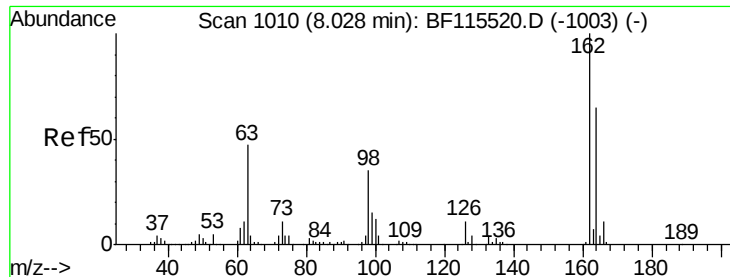


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

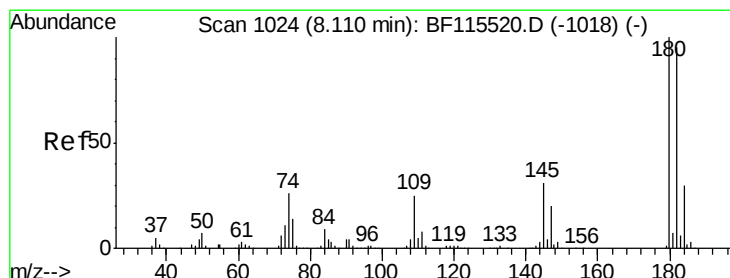
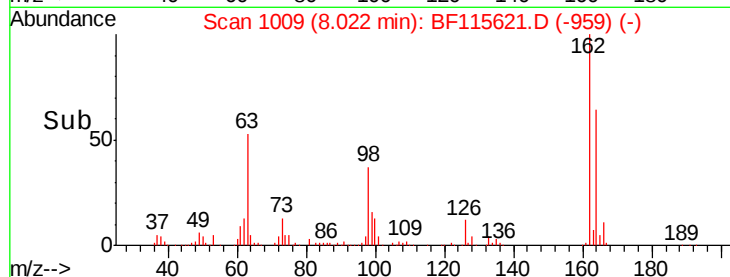
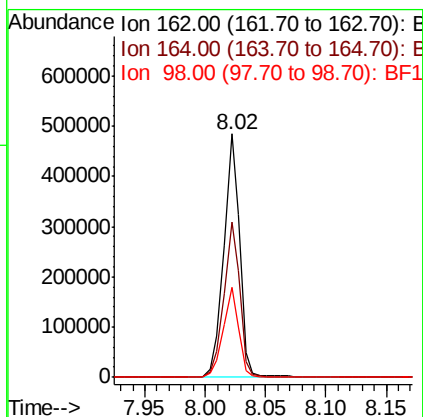
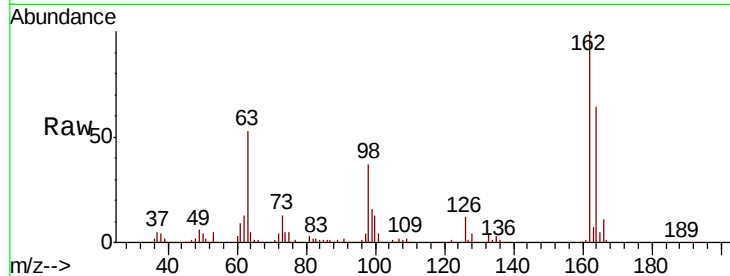




#29
 2,4-Dichlorophenol
 Concen: 41.815 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

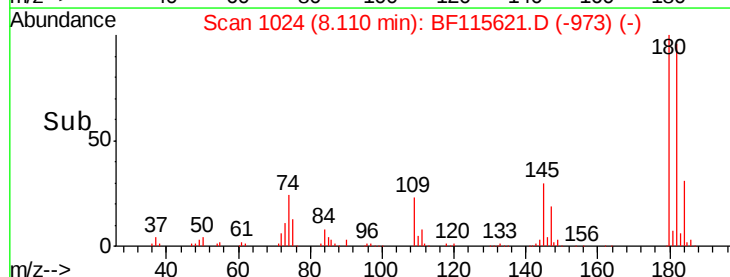
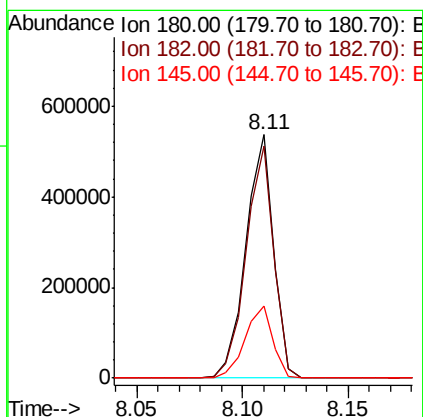
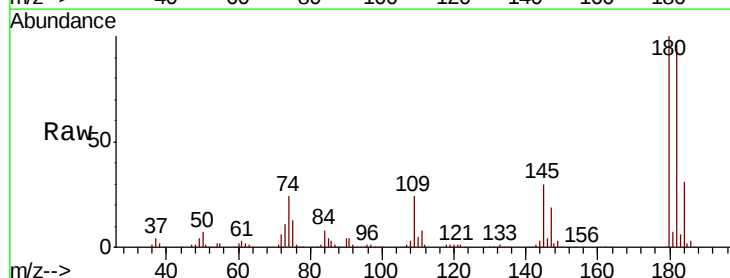
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

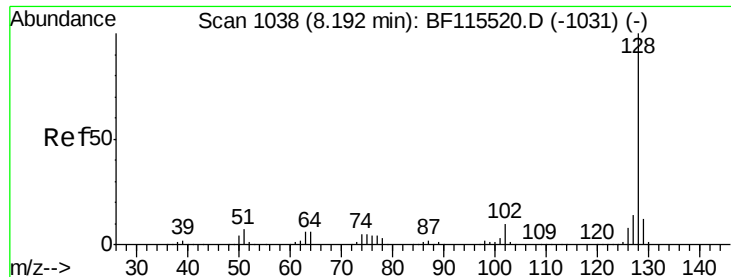
Tot Ion:162 Resp: 443204
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.9 84.9
 98 36.8 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.709 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion:180 Resp: 487733
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.0 112.6
 145 29.7 25.1 37.7





#31

Naphthalene

Concen: 41.422 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

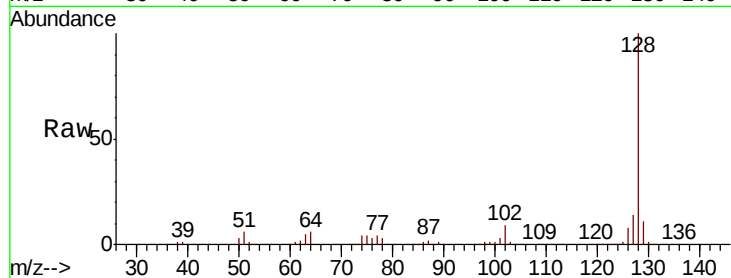
Tot Ion:128 Resp: 1431144

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

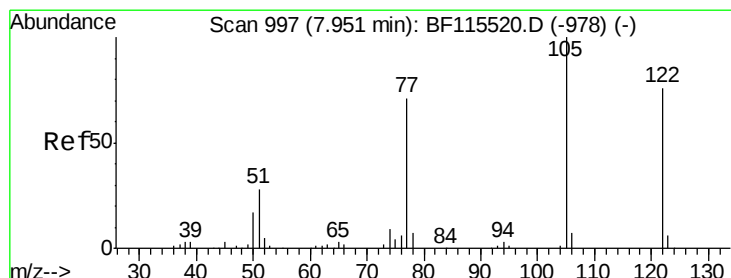
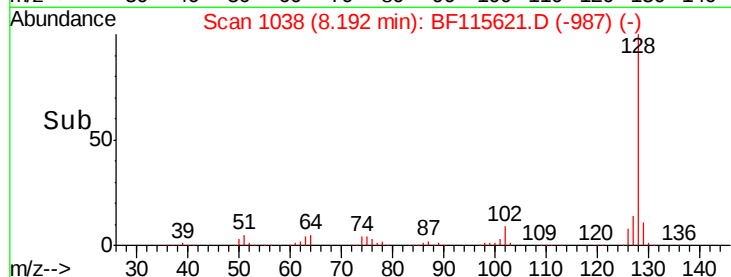
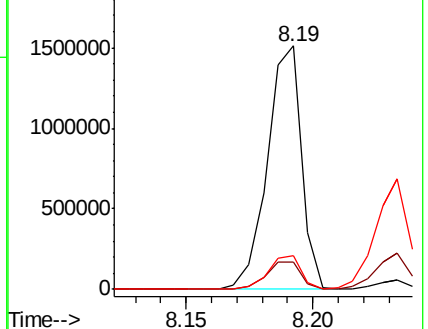
127 13.8 12.1 18.1



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: 44.005 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

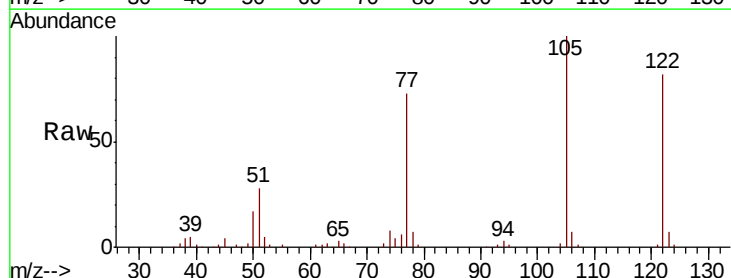
Tgt Ion:122 Resp: 368055

Ion Ratio Lower Upper

122 100

105 121.6 102.5 142.5

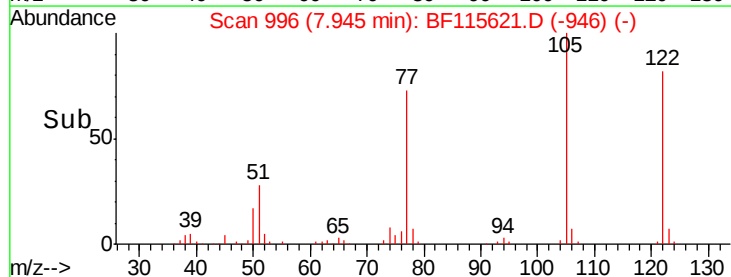
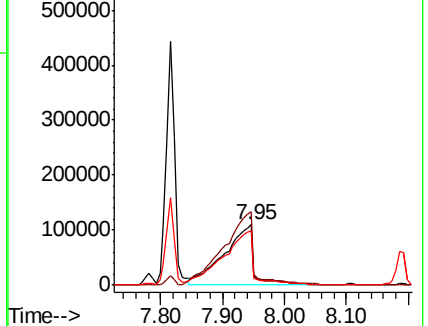
77 89.0 70.2 110.2



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

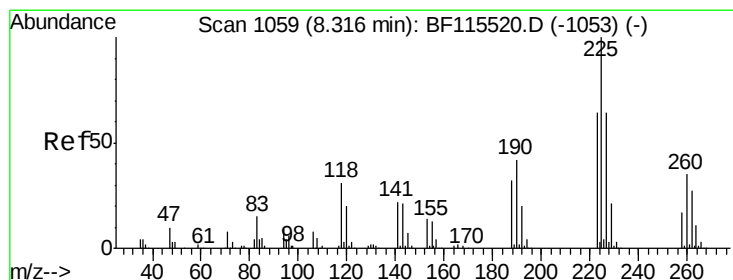
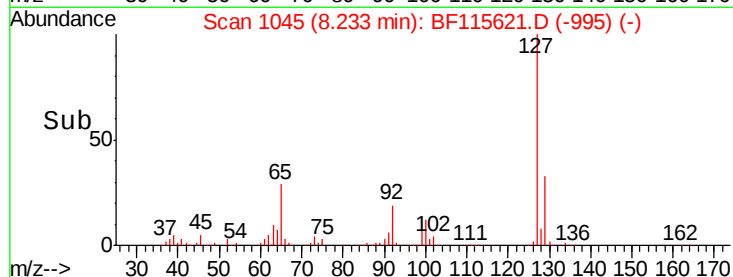
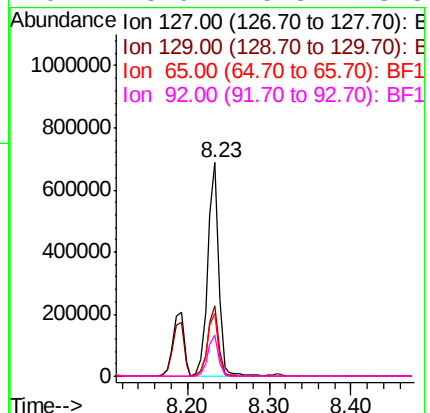
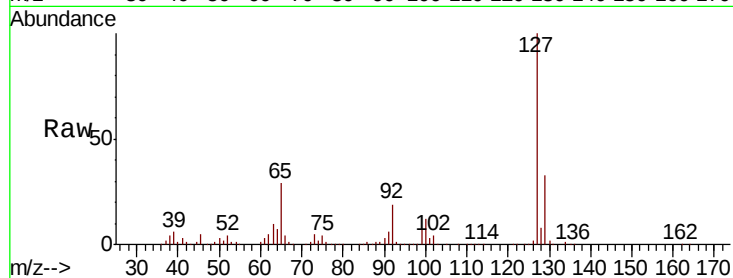




#33
4-Chloroaniline
Concen: 41.616 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

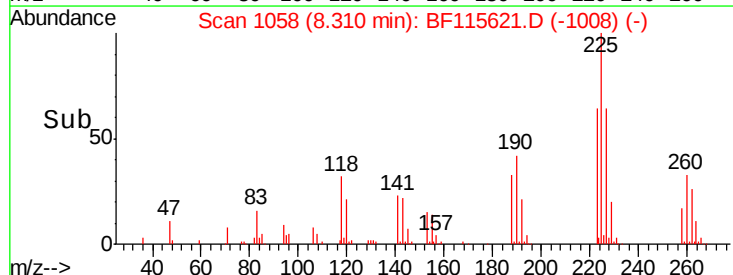
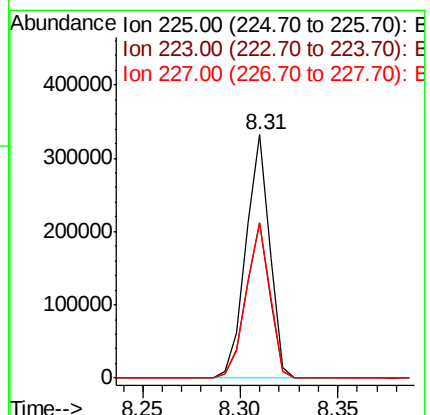
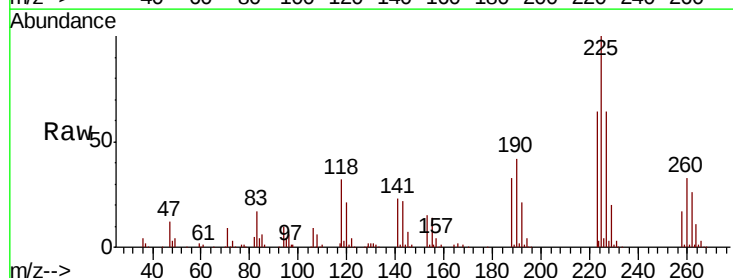
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	636900
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	29.1	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.787 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:	225	Resp:	280230
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.7	50.7	76.1

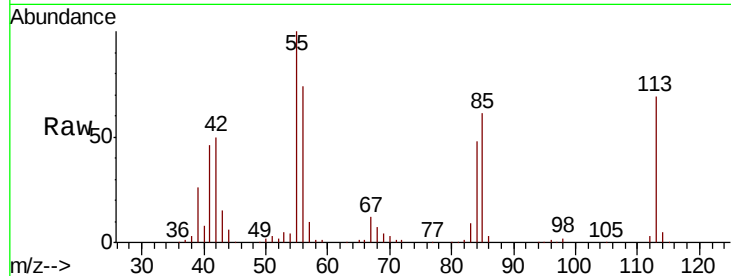




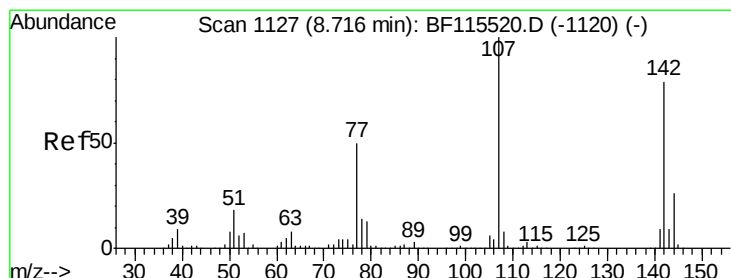
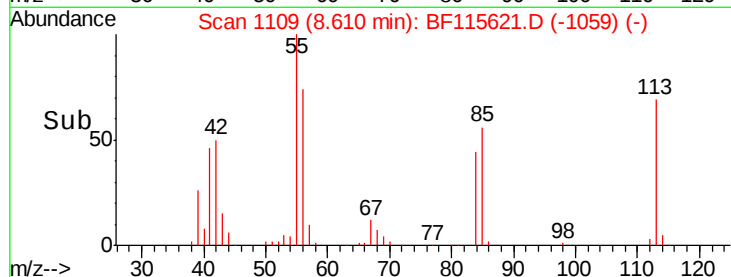
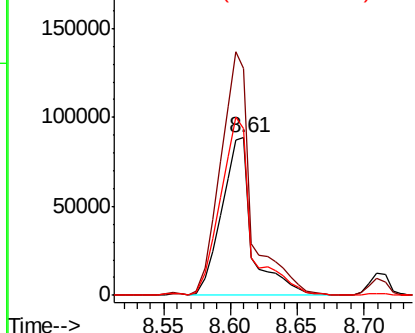
#35
 Caprolactam
 Concen: 43.824 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 143535
 Ion Ratio Lower Upper
 113 100
 55 144.3 126.9 166.9
 56 106.1 90.3 130.3

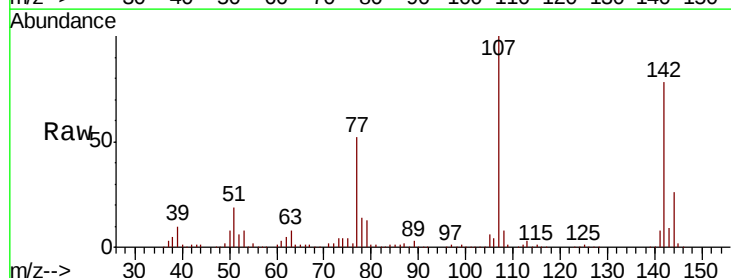


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

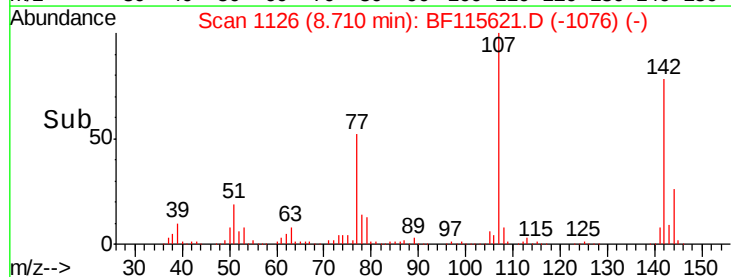
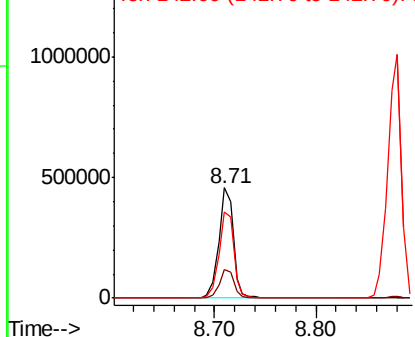


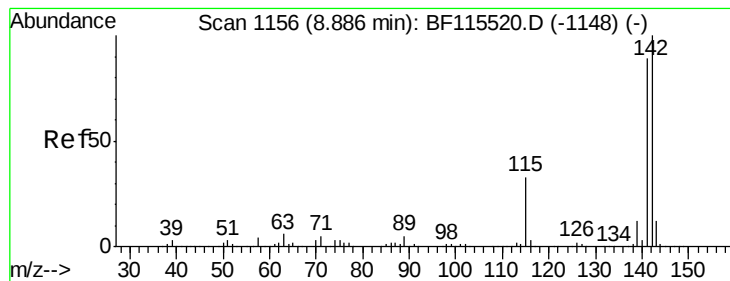
#36
 4-Chloro-3-methylphenol
 Concen: 41.689 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion:107 Resp: 458348
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.6 30.8
 142 77.8 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: 41.180 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

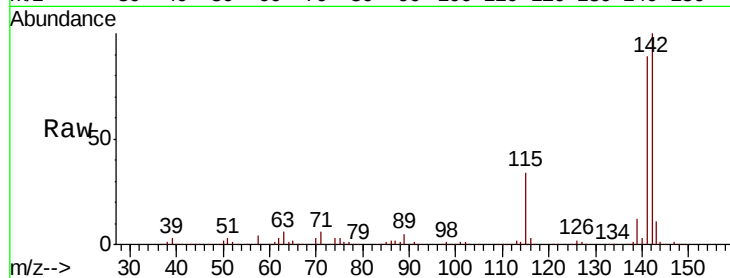
Tot Ion:142 Resp: 943122

Ion Ratio Lower Upper

142 100

141 89.1 72.0 108.0

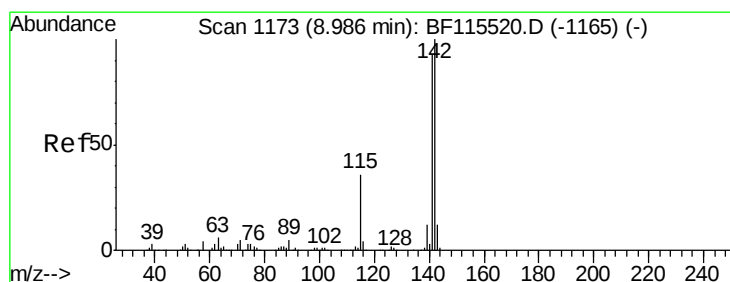
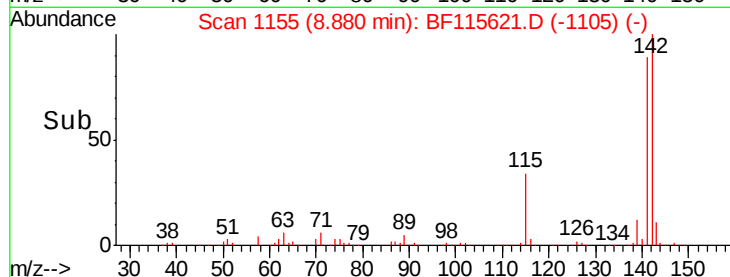
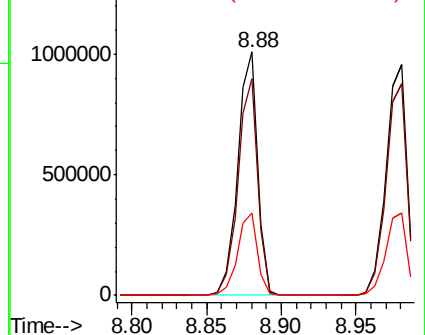
115 33.8 29.9 44.9



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: 41.981 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

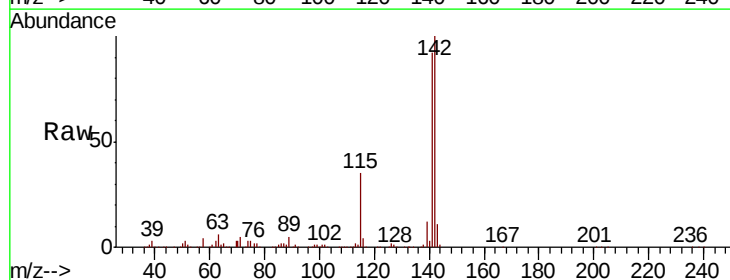
Tgt Ion:142 Resp: 913252

Ion Ratio Lower Upper

142 100

141 91.8 75.3 112.9

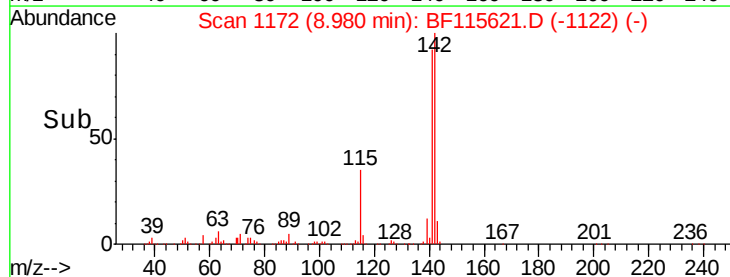
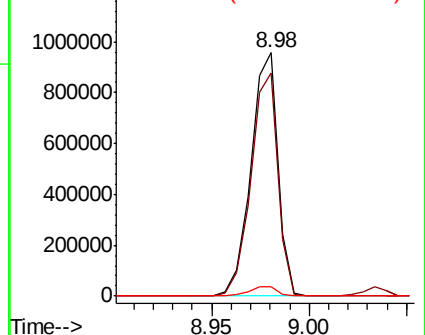
116 3.8 3.3 4.9

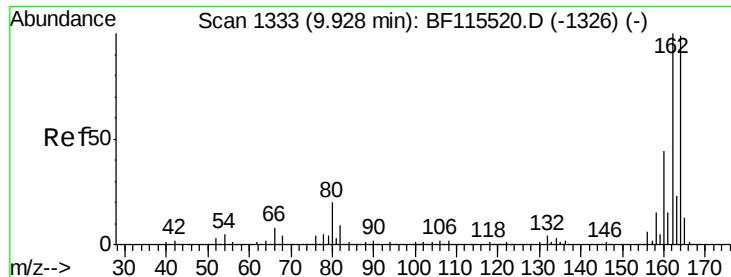


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

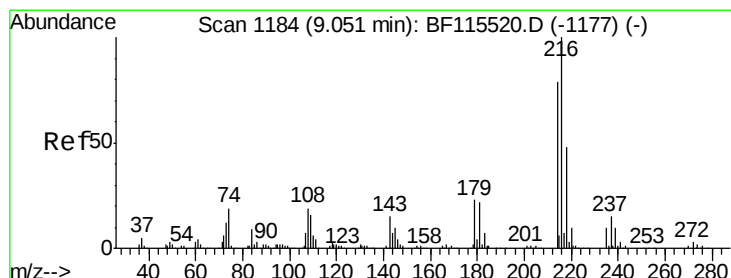
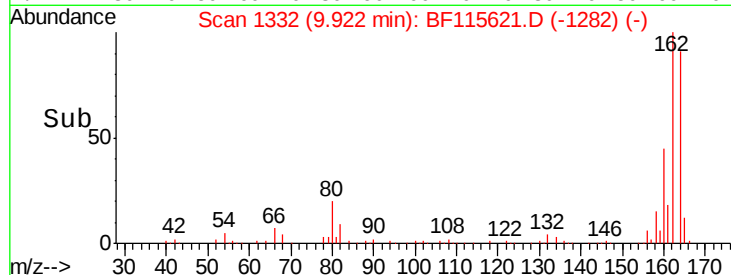
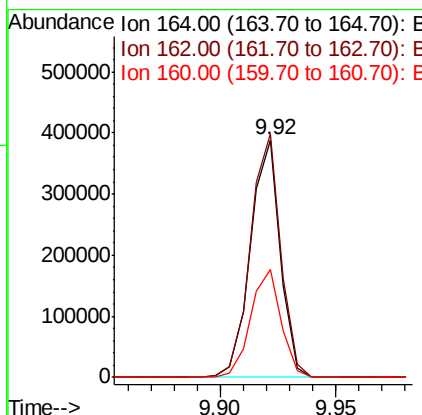
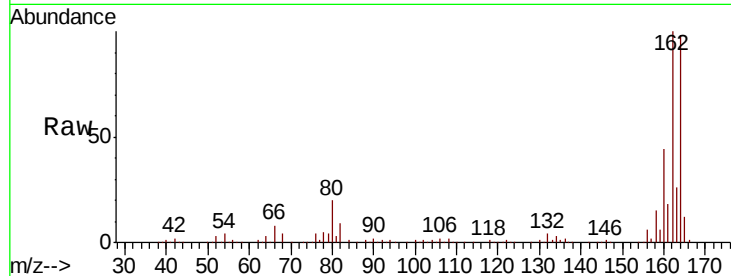




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

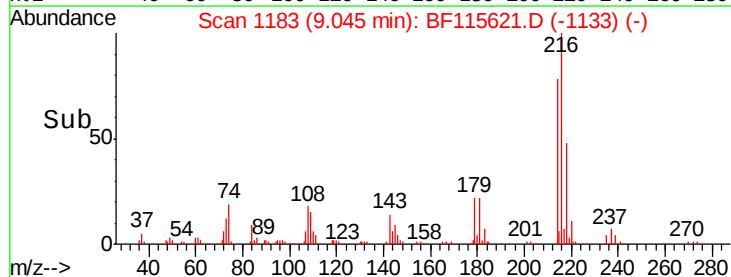
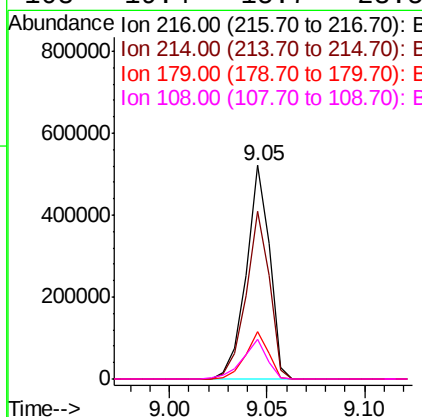
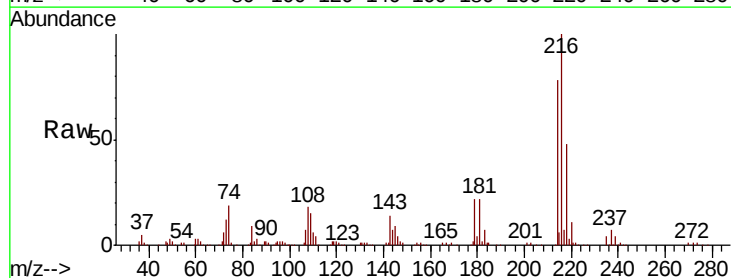
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

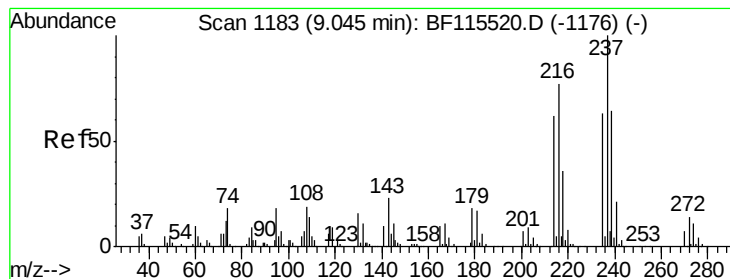
Tot Ion:164 Resp: 349809
Ion Ratio Lower Upper
164 100
162 102.5 82.9 124.3
160 45.5 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.149 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:216 Resp: 433460
Ion Ratio Lower Upper
216 100
214 78.3 65.1 97.7
179 21.7 18.3 27.5
108 19.4 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 40.224 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

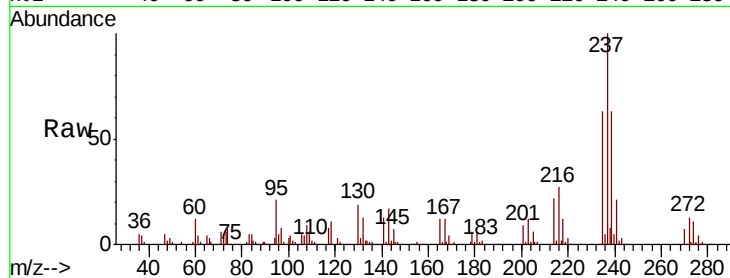
Tot Ion:237 Resp: 241707

Ion Ratio Lower Upper

237 100

235 63.3 43.6 83.6

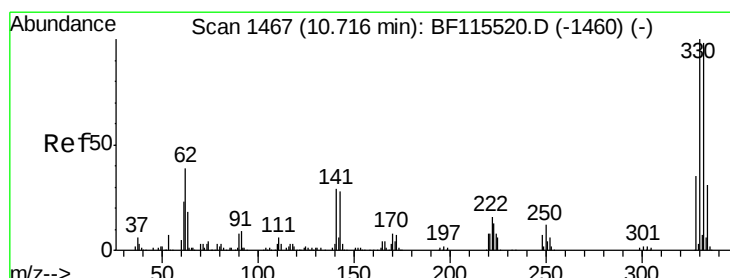
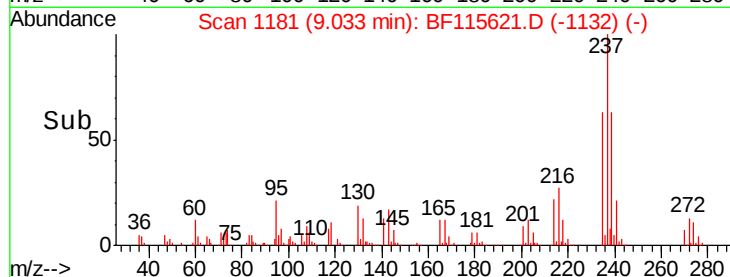
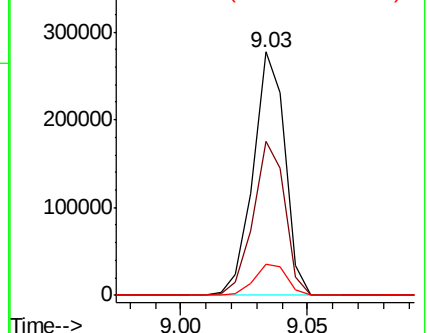
272 12.8 0.0 33.9



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: 75.959 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

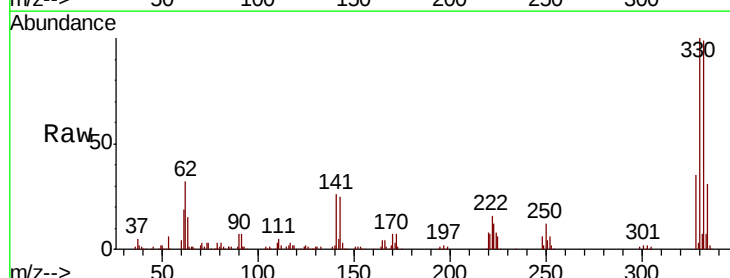
Tgt Ion:330 Resp: 310149

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

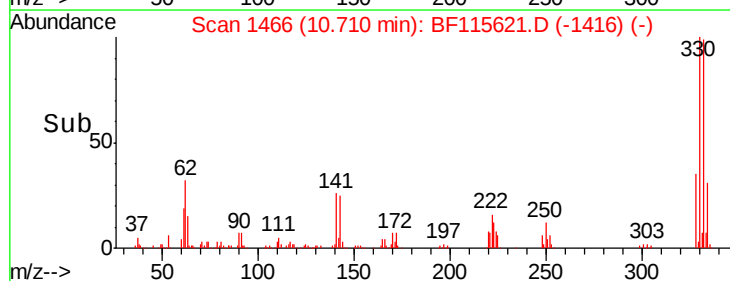
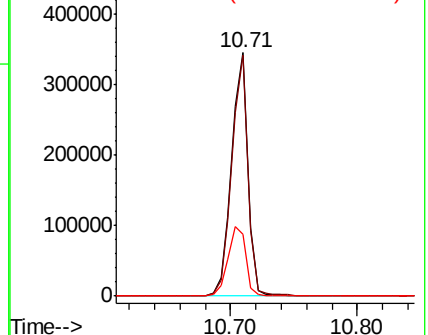
141 31.1 22.4 33.6



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

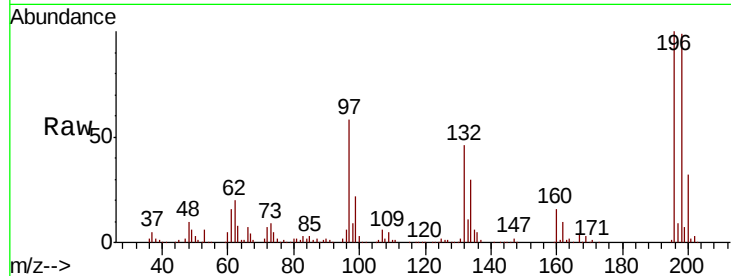




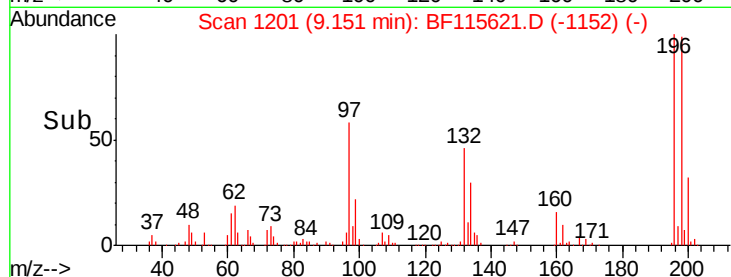
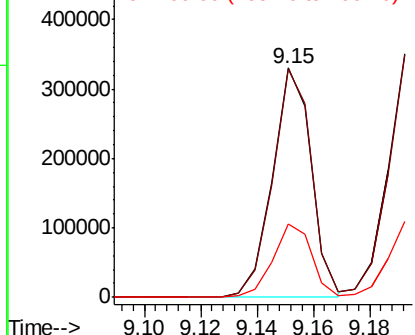
#43
 2,4,6-Trichlorophenol
 Concen: 40.653 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 313171
 Ion Ratio Lower Upper
 196 100
 198 99.5 80.6 121.0
 200 31.9 25.8 38.6



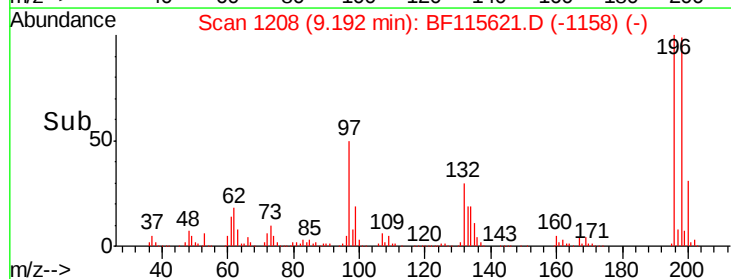
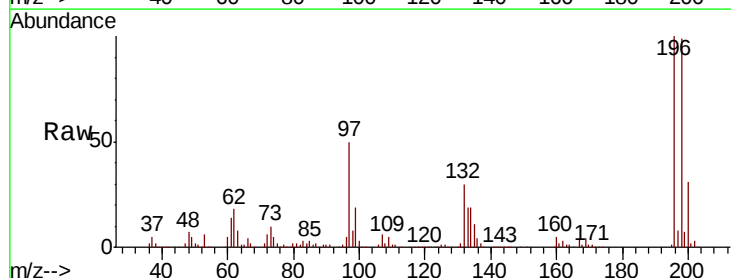
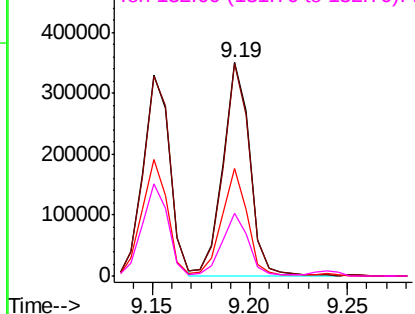
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

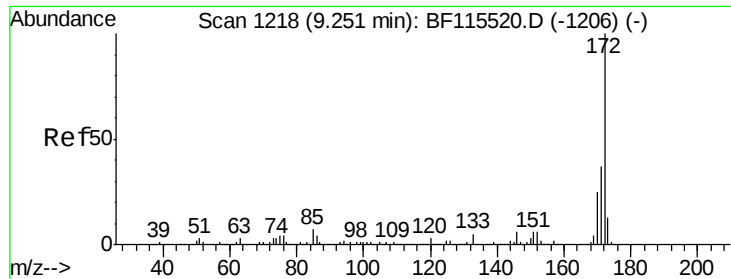


#44
 2,4,5-Trichlorophenol
 Concen: 42.281 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion:196 Resp: 333558
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.6 119.4
 97 50.2 37.8 56.6
 132 29.5 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

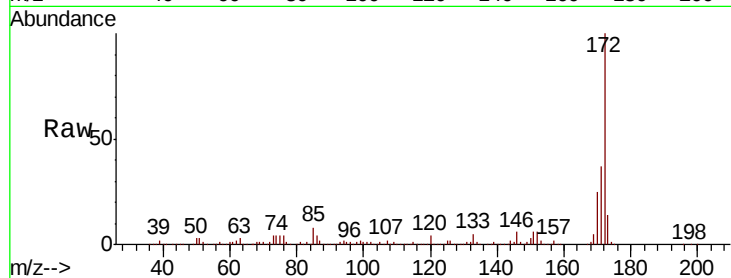




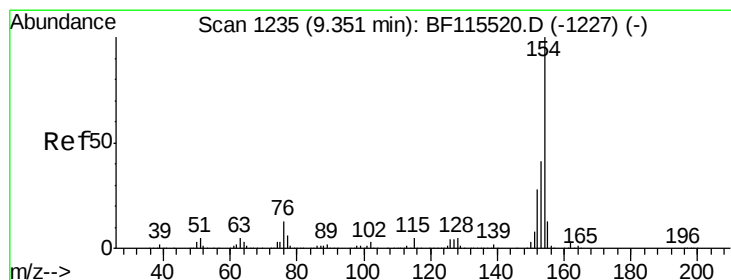
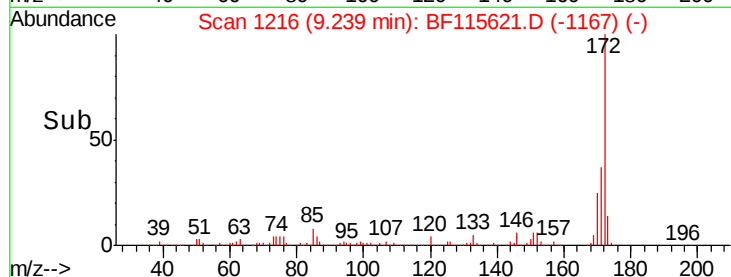
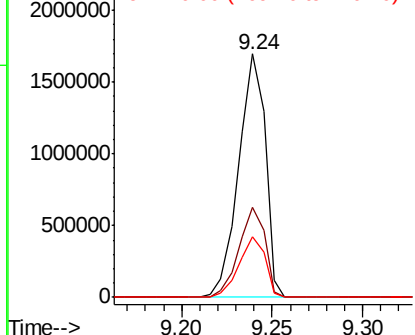
#45
2-Fluorobiphenyl
Concen: 86.848 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1735722
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 25.1 20.5 30.7

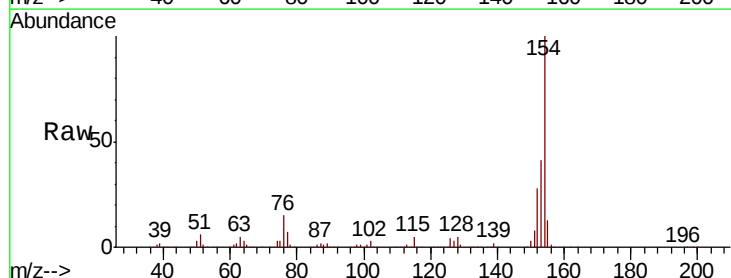


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

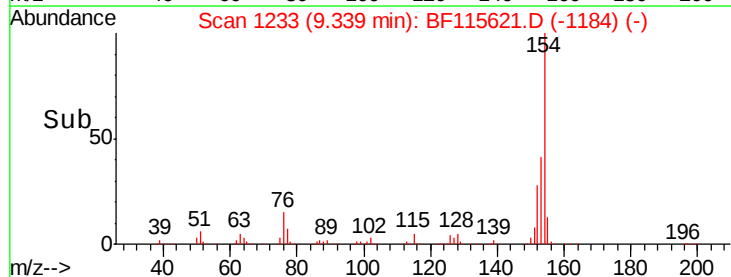
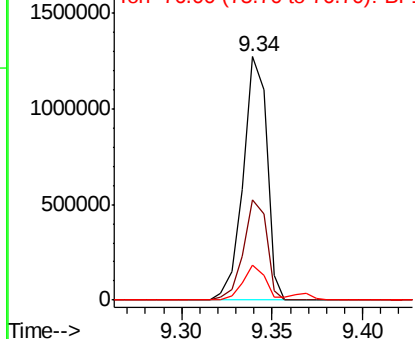


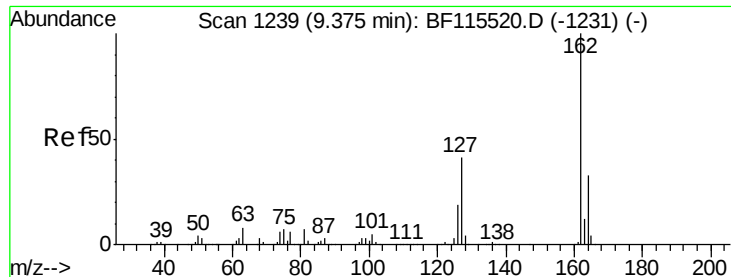
#46
1,1'-Biphenyl
Concen: 42.241 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:154 Resp: 1155207
Ion Ratio Lower Upper
154 100
153 41.0 22.6 62.6
76 14.6 0.0 33.4



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

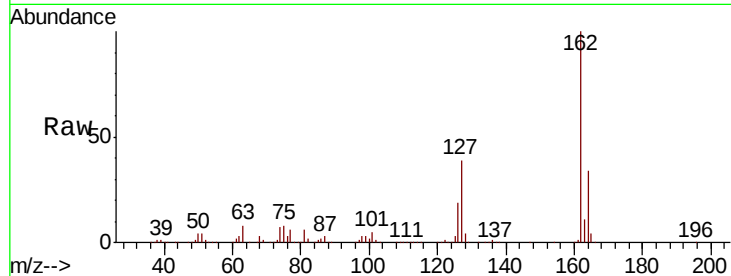




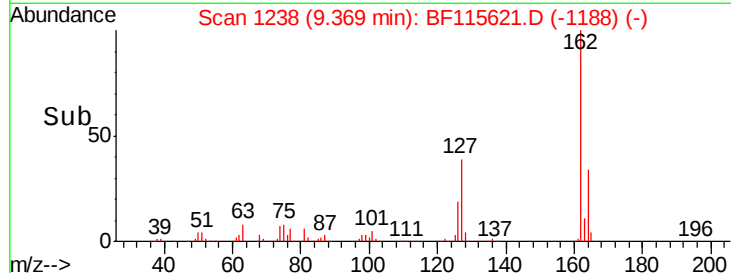
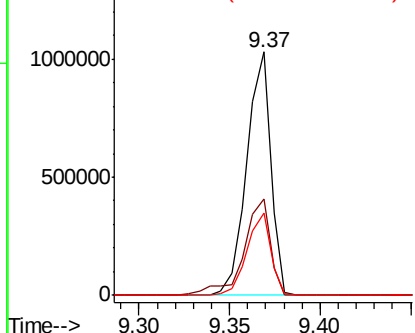
#47
2-Chloronaphthalene
Concen: 41.678 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 949046
Ion Ratio Lower Upper
162 100
127 39.5 34.1 51.1
164 33.6 27.4 41.2

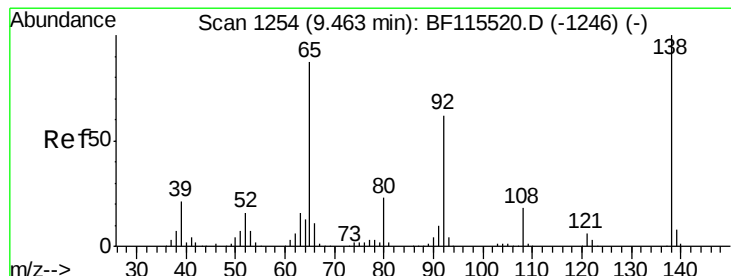


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

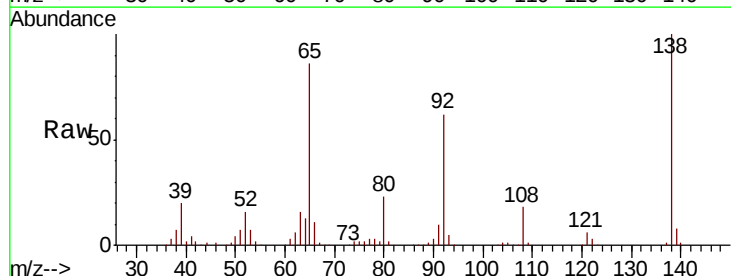
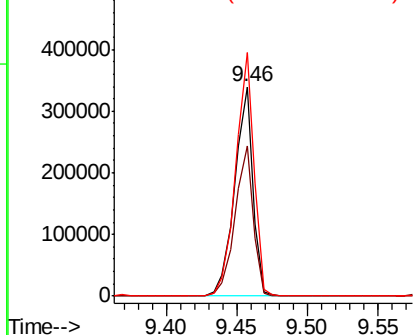


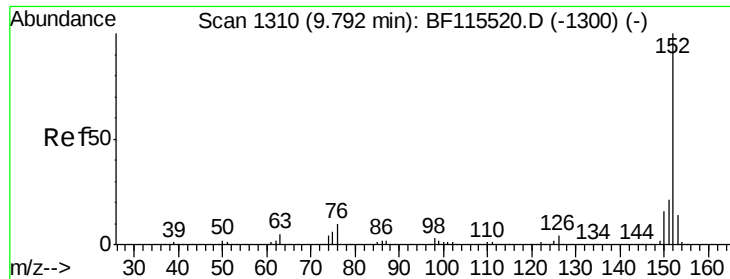
#48
2-Nitroaniline
Concen: 43.253 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion: 65 Resp: 304845
Ion Ratio Lower Upper
65 100
92 71.5 57.8 86.6
138 116.2 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: 42.001 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

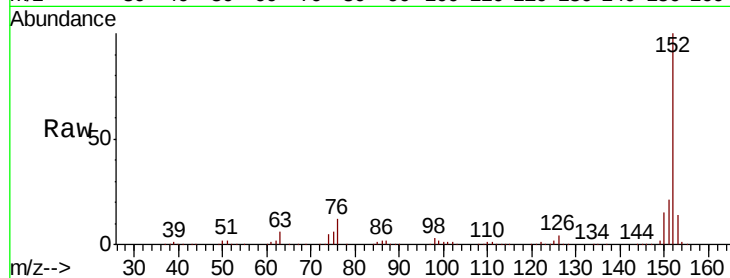
Tot Ion:152 Resp: 1417180

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

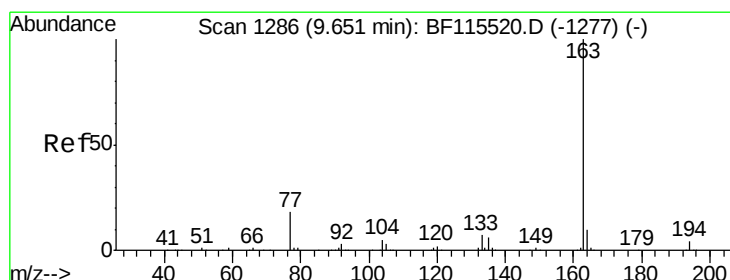
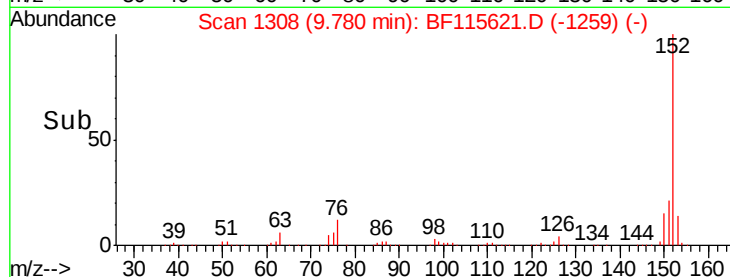
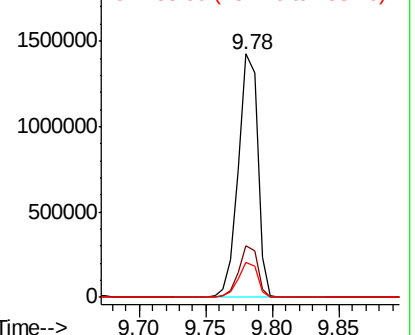
153 14.5 12.0 18.0



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: 42.535 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

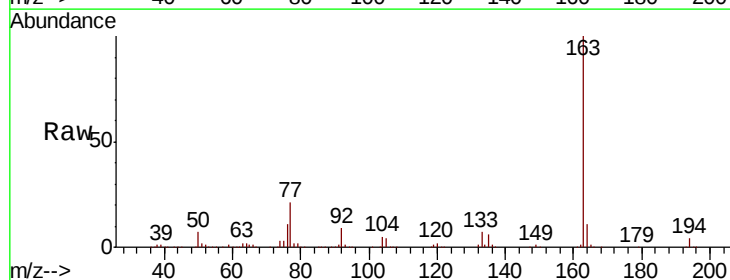
Tgt Ion:163 Resp: 1119454

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

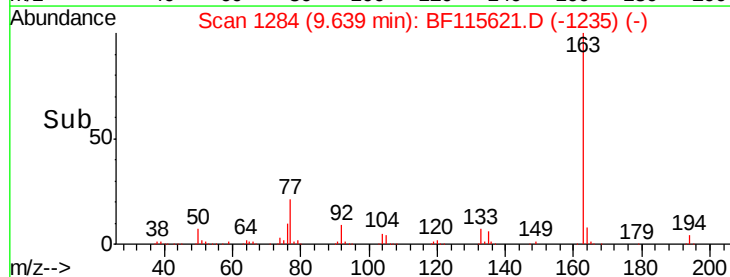
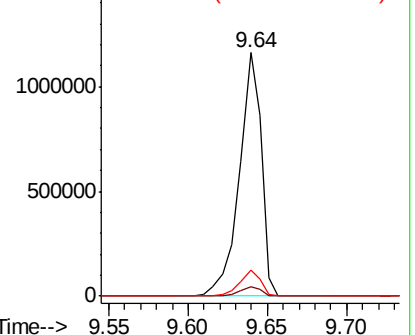
164 10.6 8.7 13.1

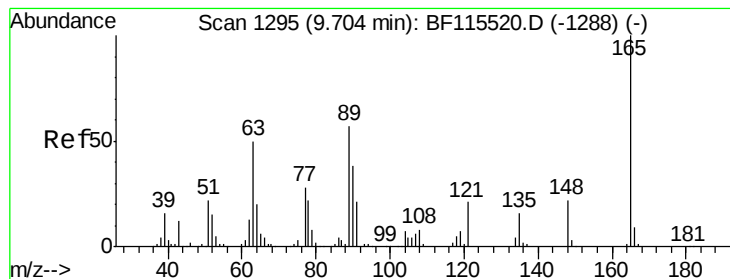


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.780 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

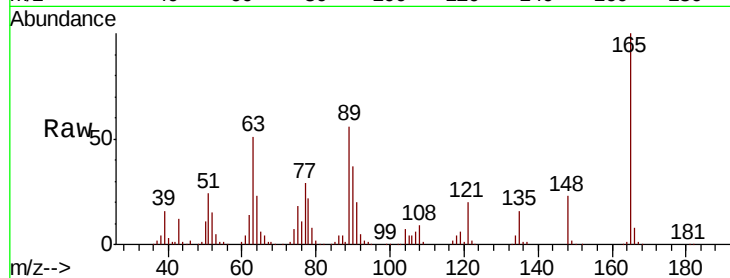
Tot Ion:165 Resp: 255872

Ion Ratio Lower Upper

165 100

63 50.8 40.6 61.0

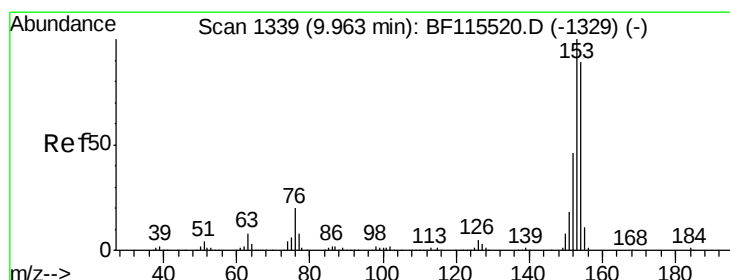
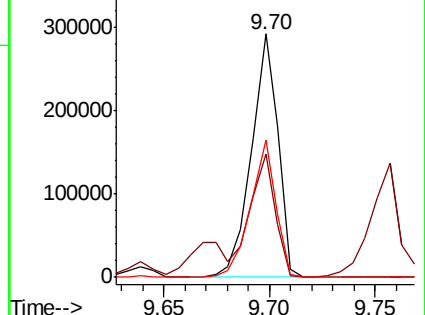
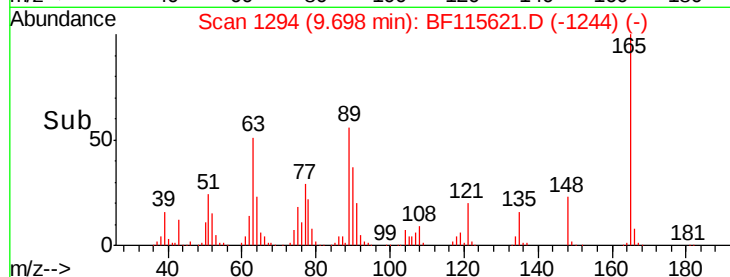
89 56.4 43.9 65.9



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: 43.680 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

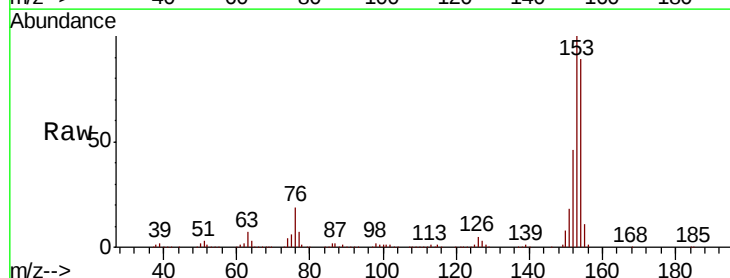
Tgt Ion:154 Resp: 951529

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

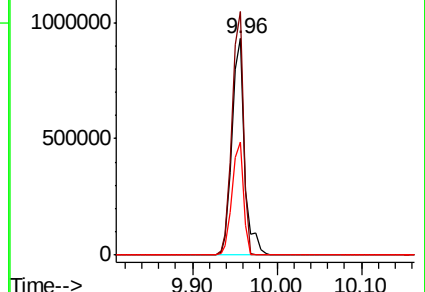
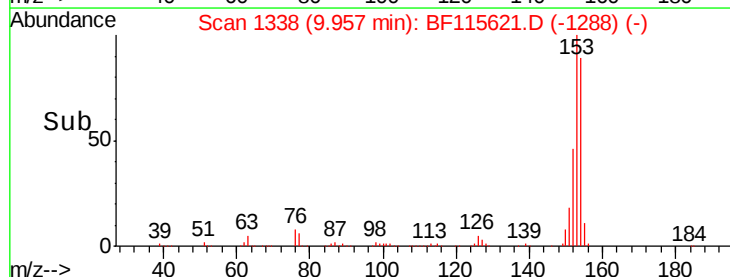
152 52.0 42.3 63.5

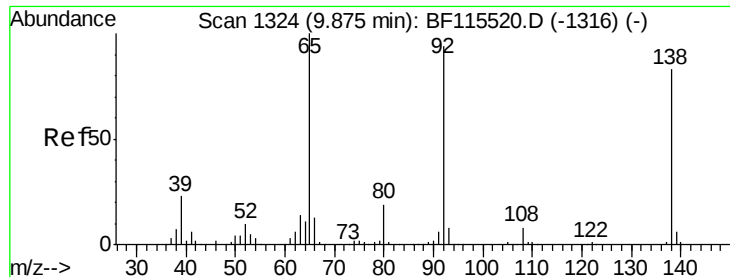


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

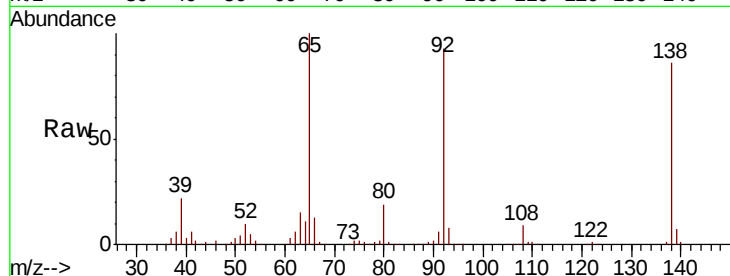




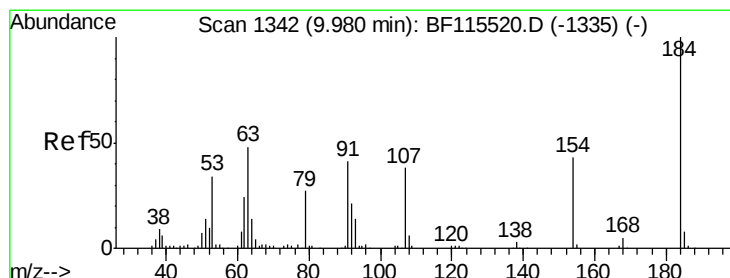
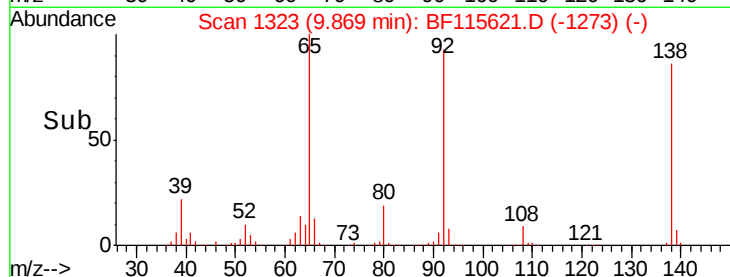
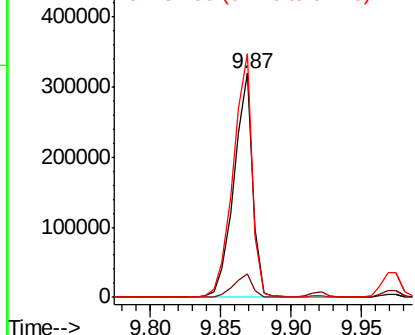
#53
3-Nitroaniline
Concen: 43.124 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 294748
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 108.6 88.0 132.0

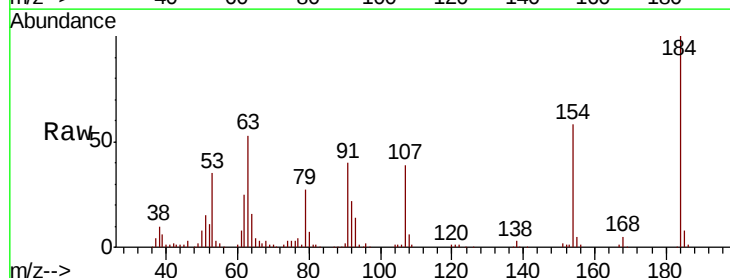


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

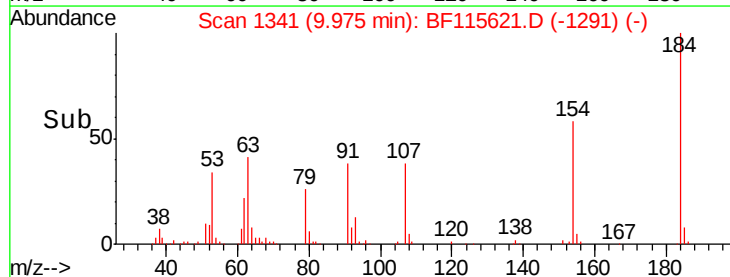
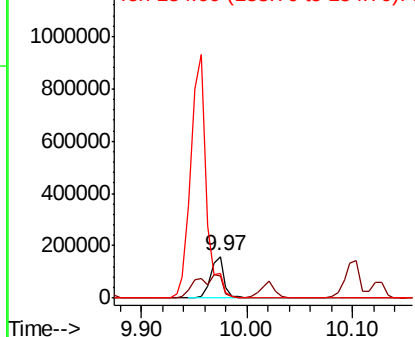


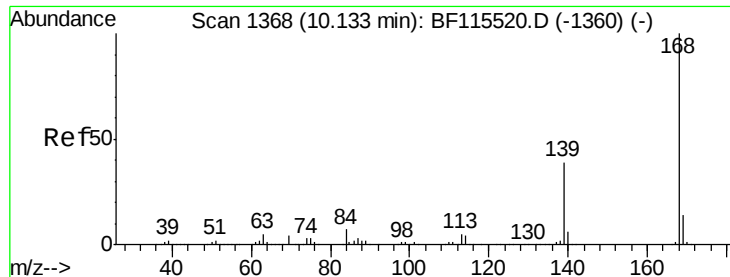
#54
2,4-Dinitrophenol
Concen: 47.635 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:184 Resp: 146276
Ion Ratio Lower Upper
184 100
63 52.6 48.7 73.1
154 58.4 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: 41.316 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

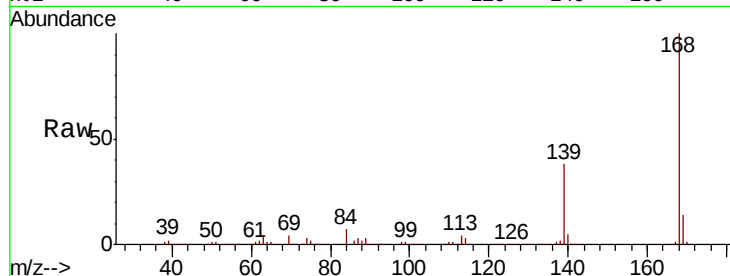
Tot Ion:168 Resp: 1278143

Ion Ratio Lower Upper

168 100

139 37.6 31.1 46.7

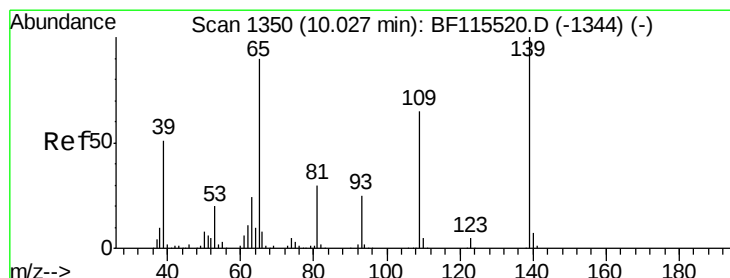
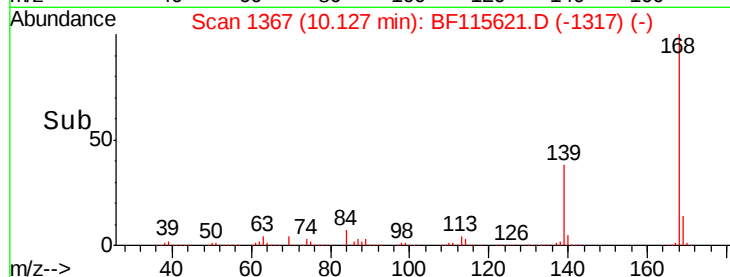
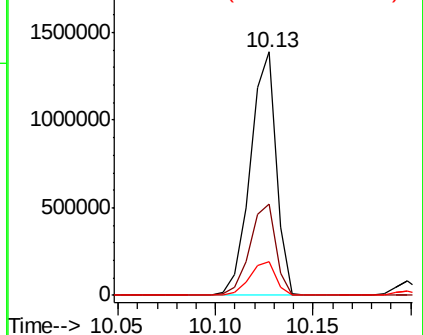
169 13.7 11.1 16.7



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: 45.639 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

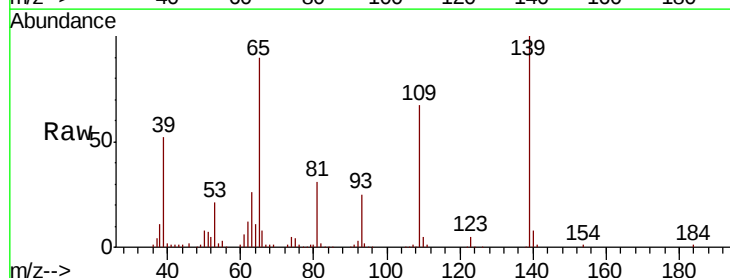
Tgt Ion:139 Resp: 237871

Ion Ratio Lower Upper

139 100

109 67.4 46.4 86.4

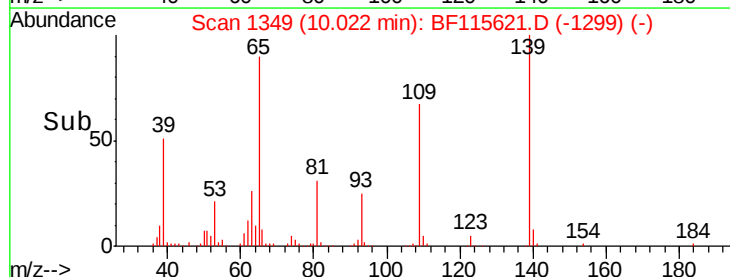
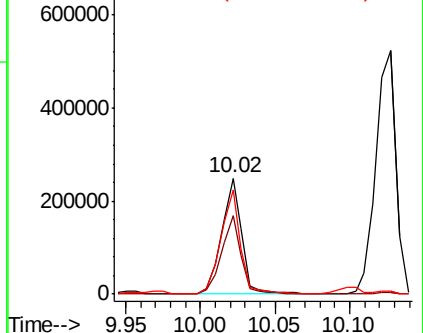
65 90.1 68.9 108.9



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

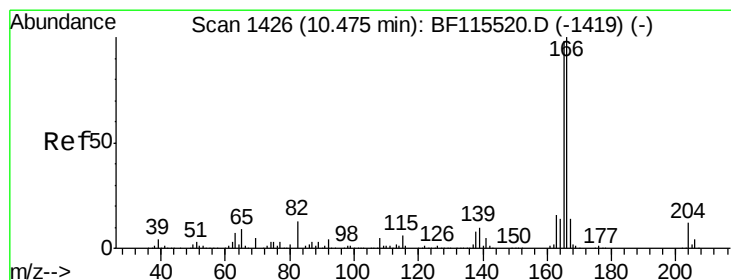
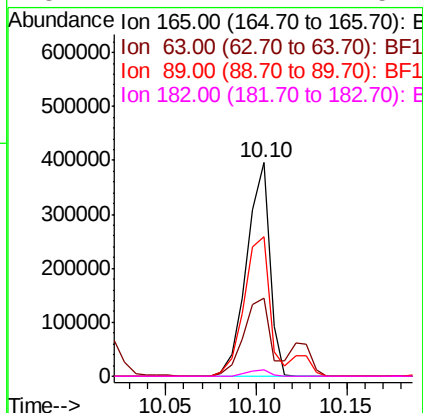
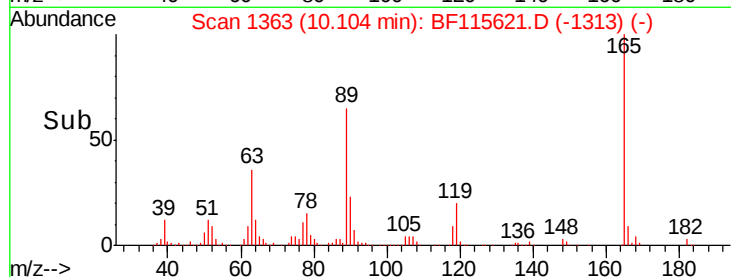
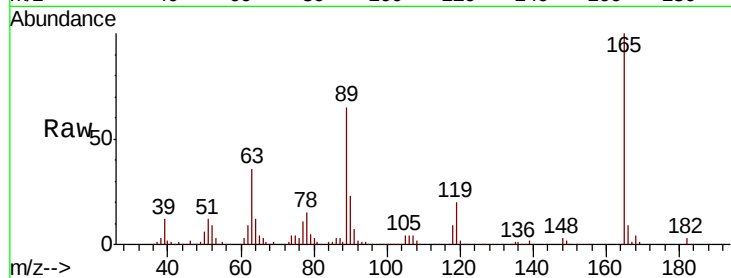




#57
2,4-Dinitrotoluene
Concen: 45.210 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

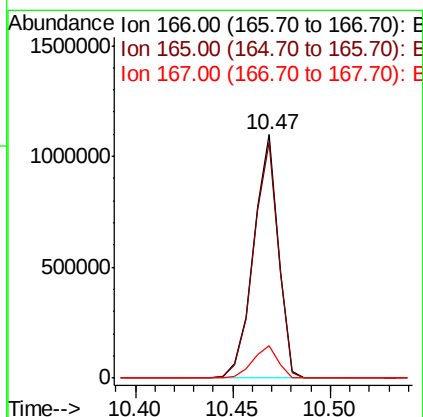
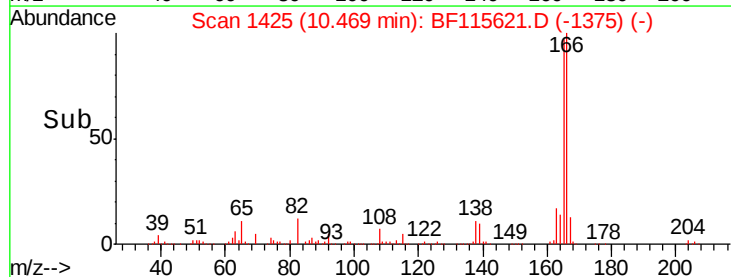
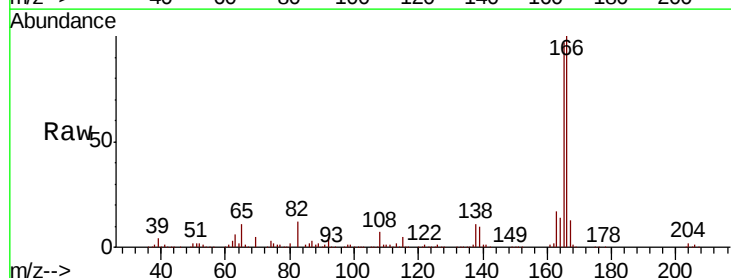
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.4	34.9	52.3
89	65.1	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 43.548 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.2	11.2	16.8

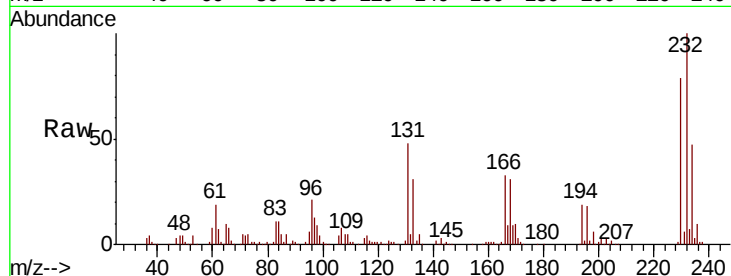




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.460 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.9	53.9
130	2.2	1.8	2.6
166	30.8	24.8	37.2



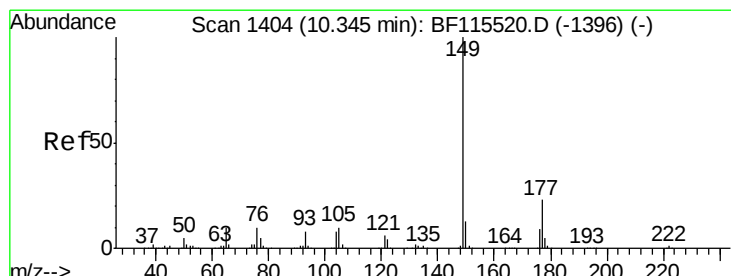
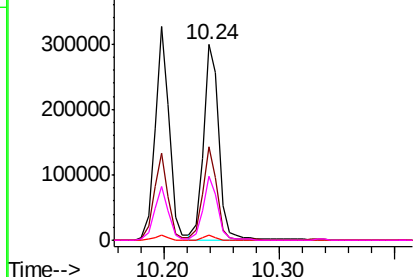
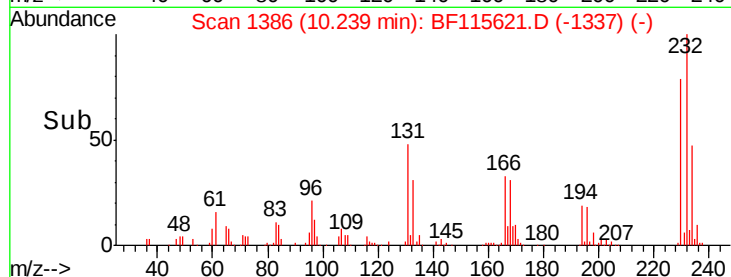
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

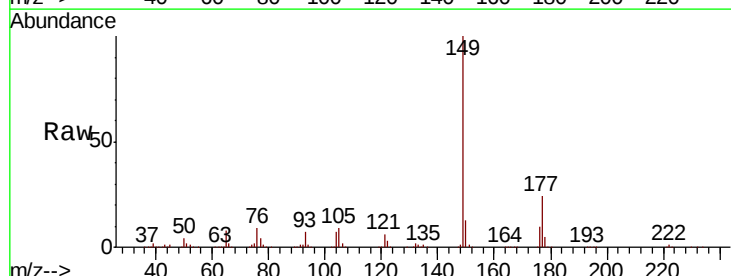
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.019 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.5	29.3
150	12.6	10.4	15.6

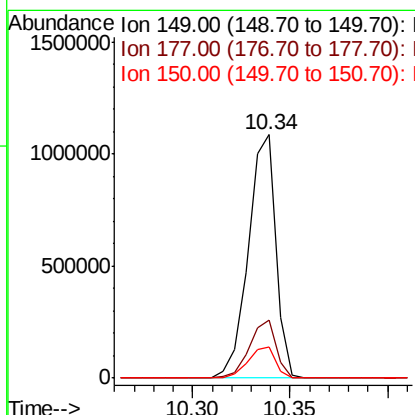
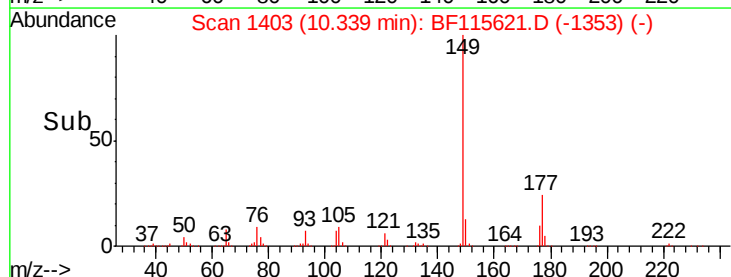


Abundance

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

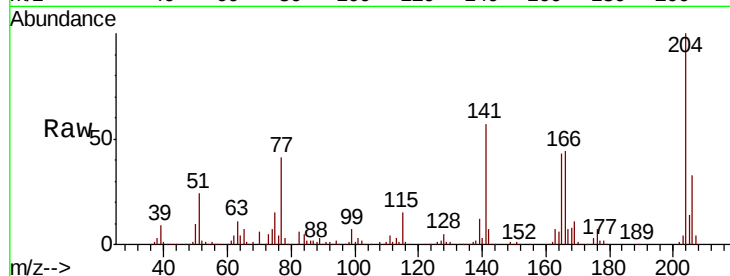




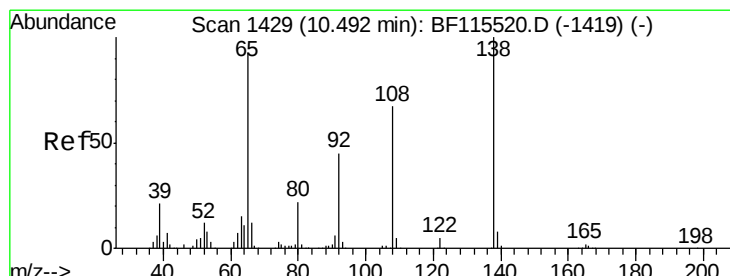
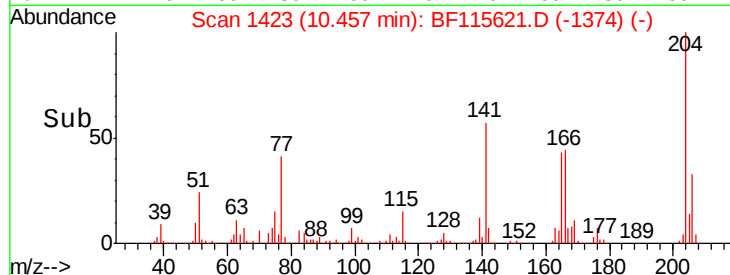
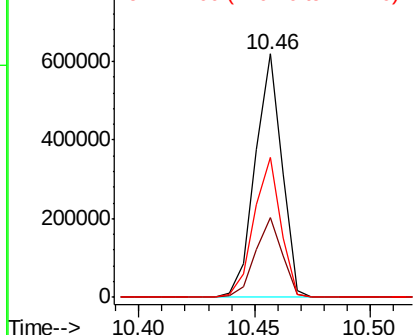
#61
4-Chlorophenyl-phenylether
Concen: 40.960 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 502341
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 57.4 44.2 66.2

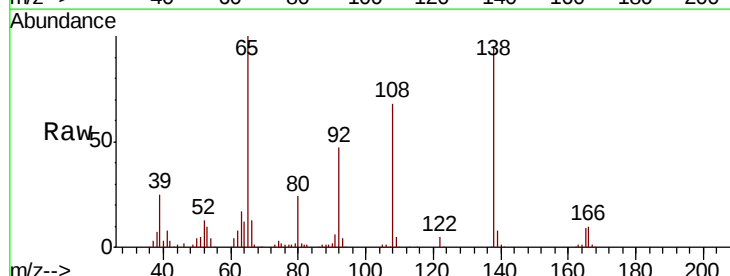


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

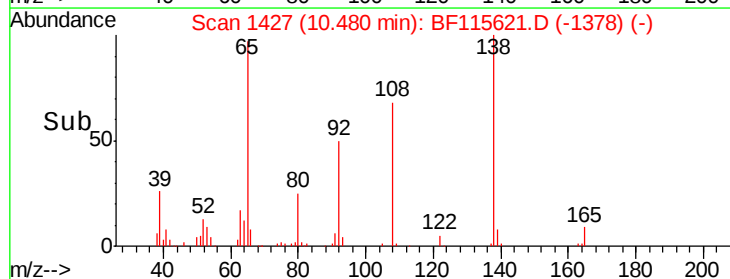
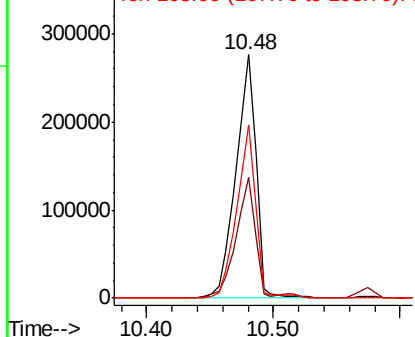


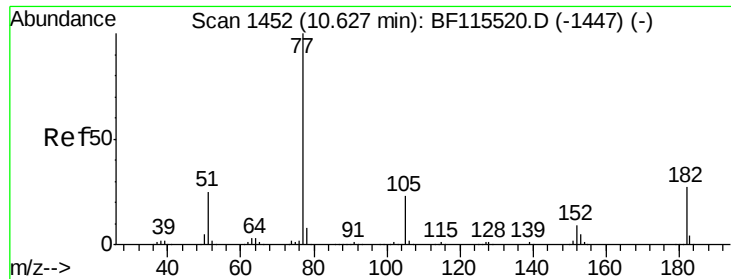
#62
4-Nitroaniline
Concen: 46.049 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:138 Resp: 301907
Ion Ratio Lower Upper
138 100
92 49.7 27.1 67.1
108 71.0 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

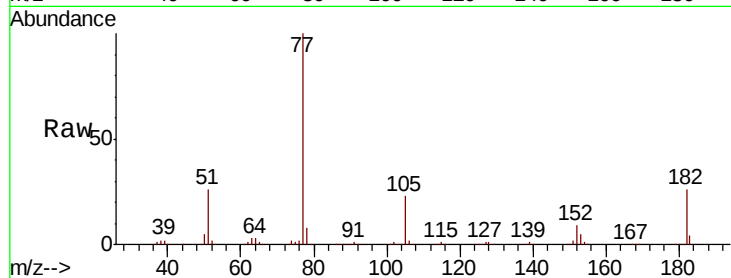




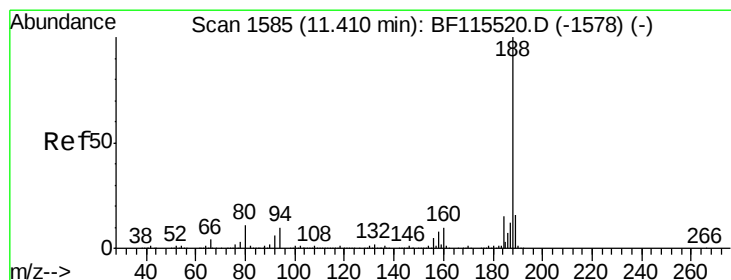
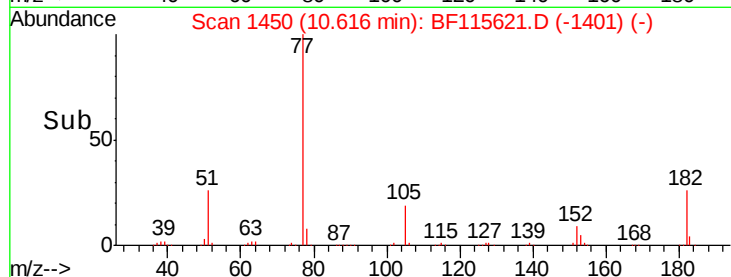
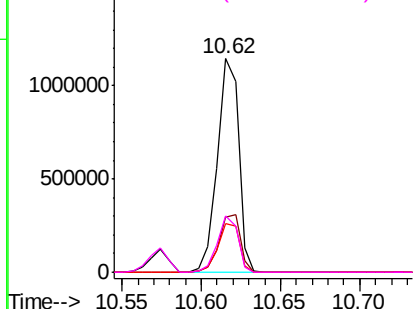
#63
Azobenzene
Concen: 44.495 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1064255
Ion Ratio Lower Upper
77 100
182 25.5 6.9 46.9
105 22.6 3.9 43.9
51 26.2 7.3 47.3

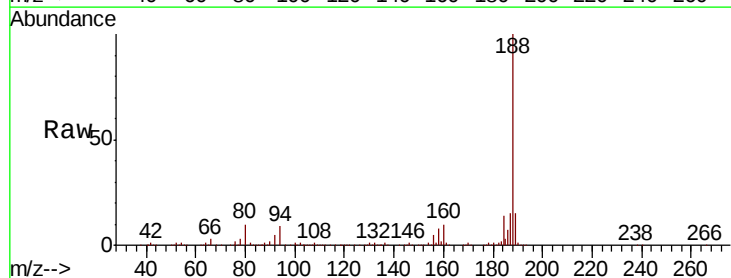


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

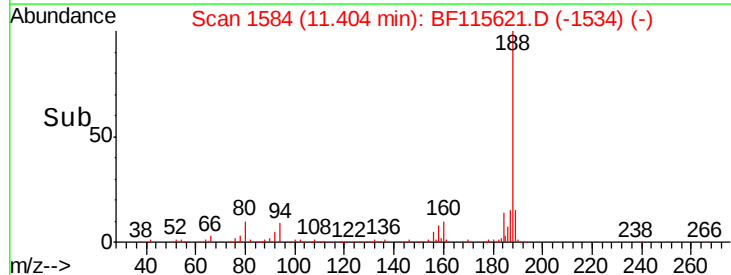
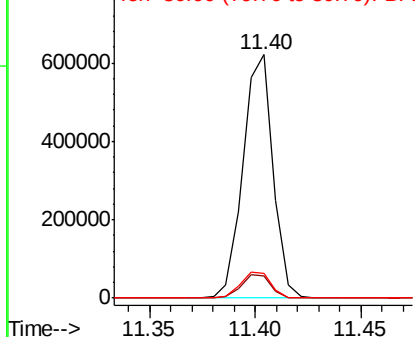


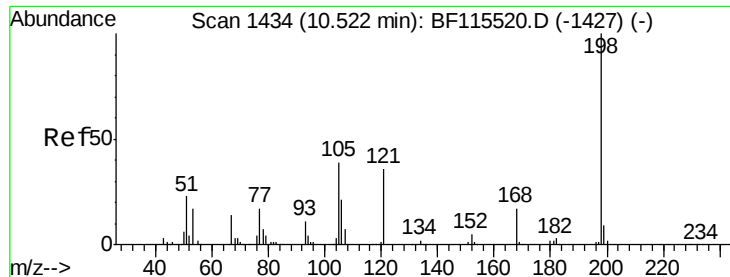
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion: 188 Resp: 609941
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 10.0 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

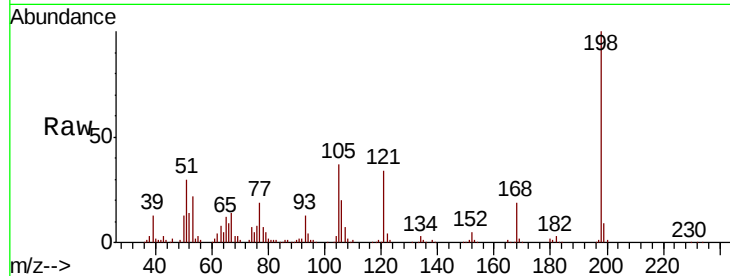




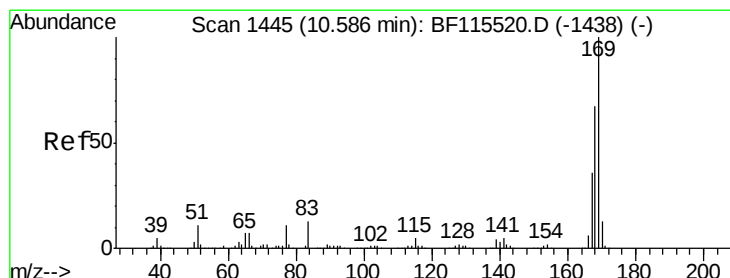
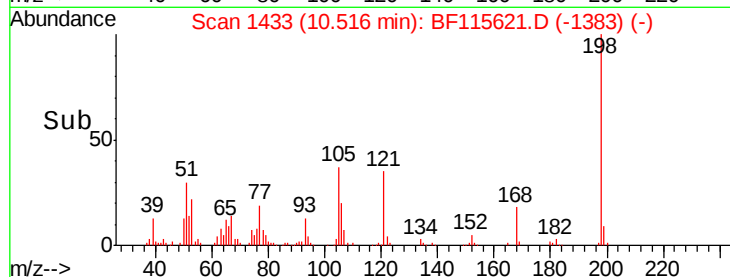
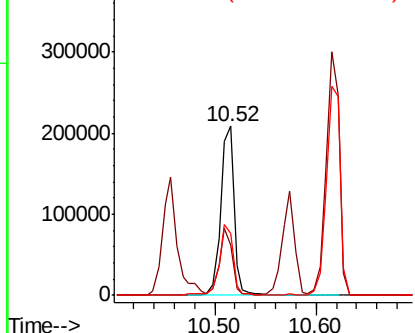
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.112 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 190472
 Ion Ratio Lower Upper
 198 100
 51 30.1 19.1 59.1
 105 36.7 23.6 63.6

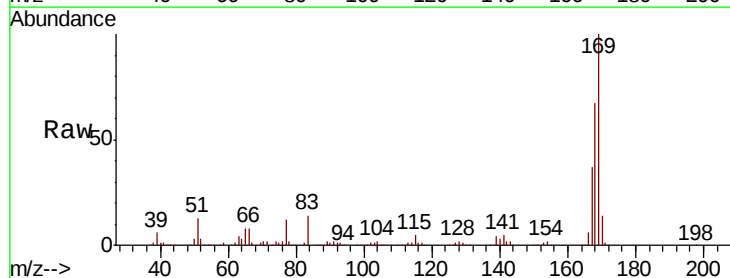


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

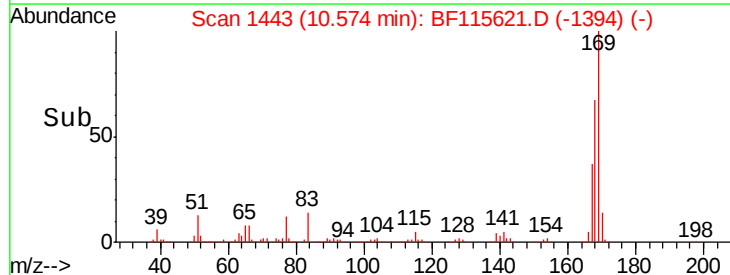
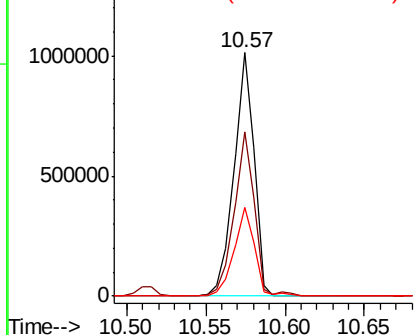


#66
 n-Nitrosodiphenylamine
 Concen: 47.243 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion:169 Resp: 896337
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.3 81.5
 167 36.6 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

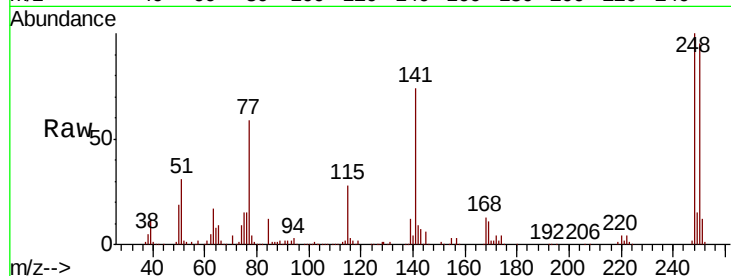




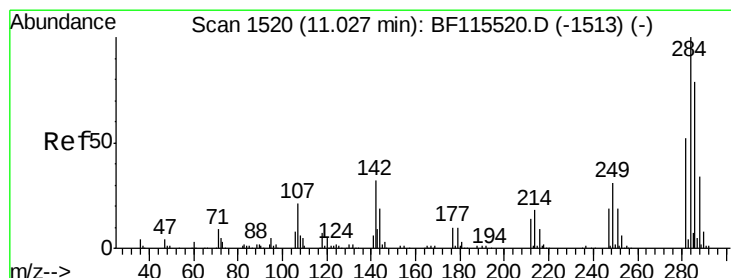
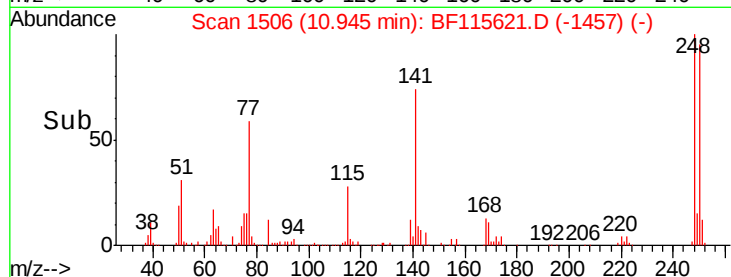
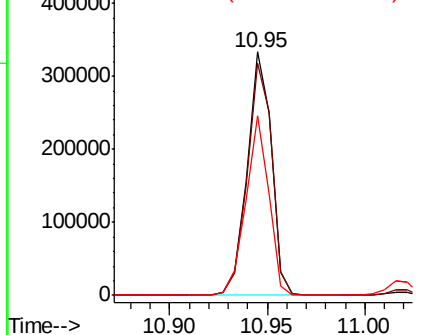
#67
4-Bromophenyl-phenylether
Concen: 40.884 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 284970
Ion Ratio Lower Upper
248 100
250 95.1 78.0 117.0
141 74.0 57.7 86.5

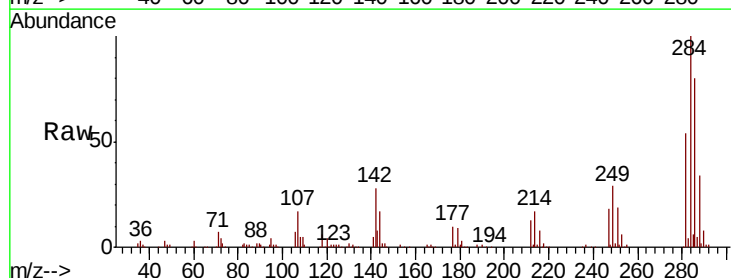


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

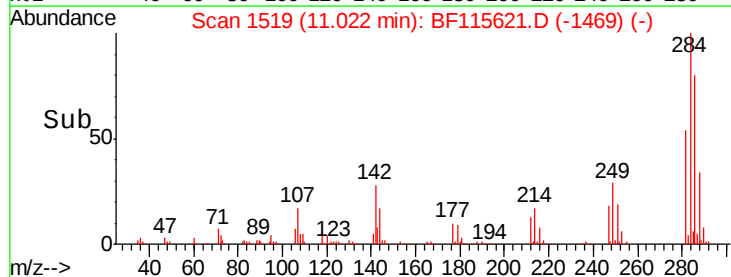
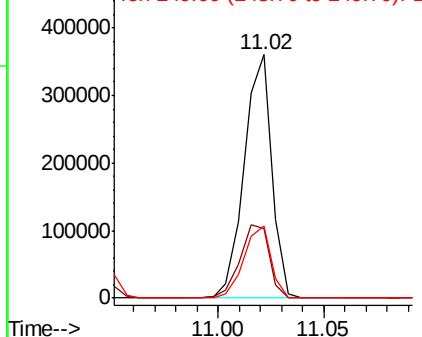


#68
Hexachlorobenzene
Concen: 40.947 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:284 Resp: 325937
Ion Ratio Lower Upper
284 100
142 28.4 22.2 33.2
249 29.5 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

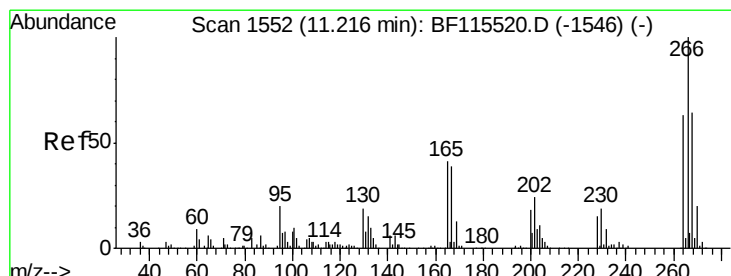
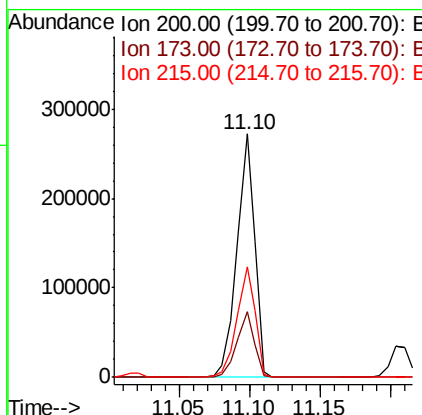
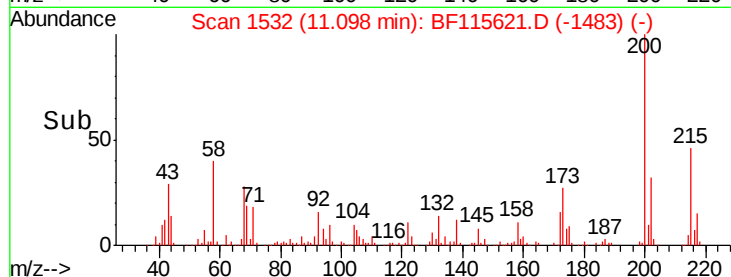
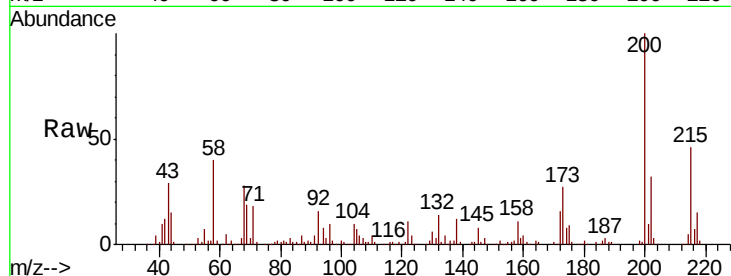




#69
Atrazine
Concen: 38.459 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

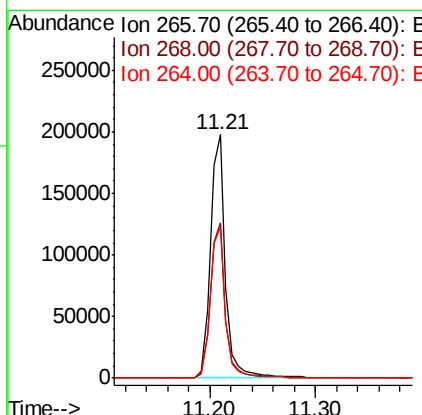
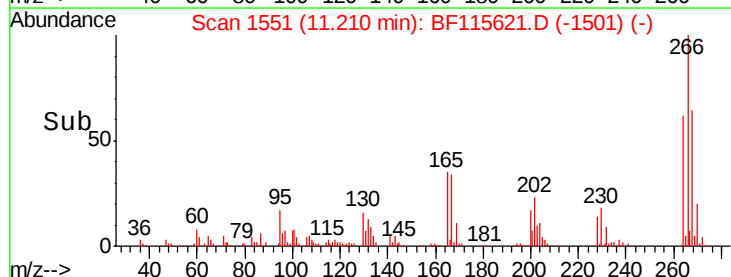
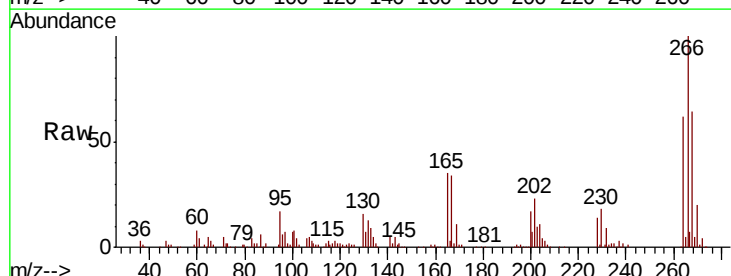
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

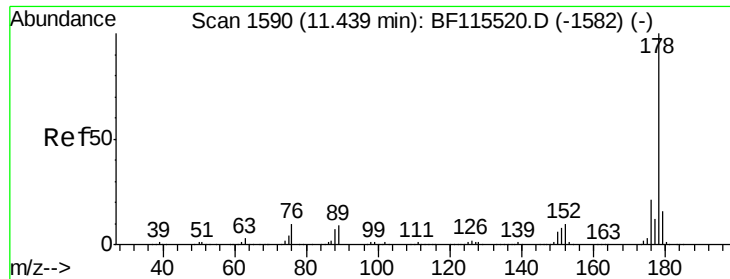
Tot Ion:200 Resp: 239380
Ion Ratio Lower Upper
200 100
173 27.0 6.9 46.9
215 45.5 27.9 67.9



#70
Pentachlorophenol
Concen: 40.896 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:266 Resp: 199100
Ion Ratio Lower Upper
266 100
268 63.9 51.6 77.4
264 62.2 50.6 76.0

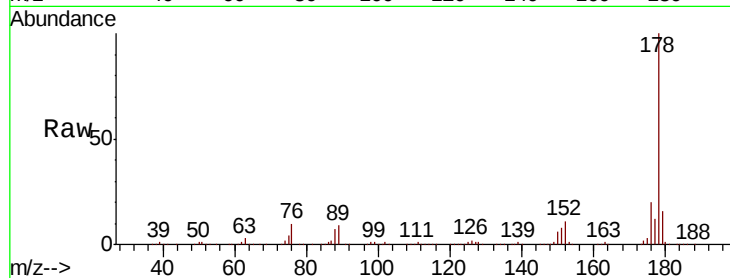




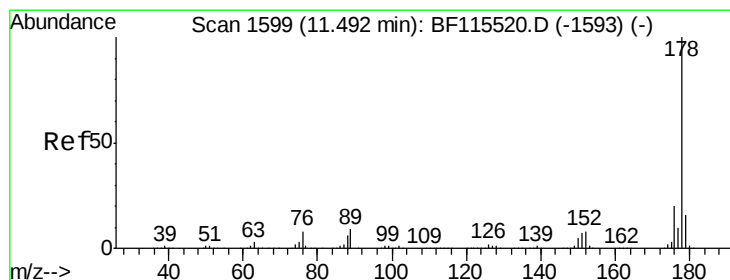
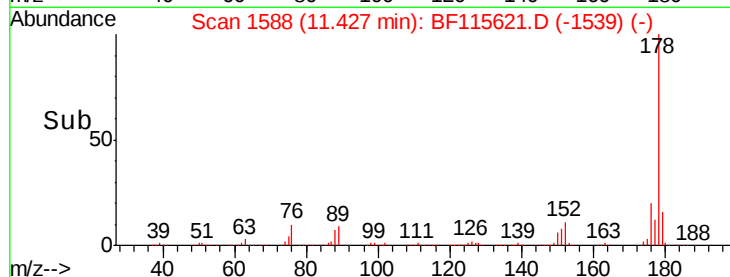
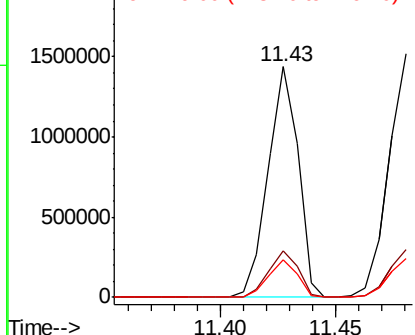
#71
 Phenanthrene
 Concen: 41.632 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1301632
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.2 25.8
 179 16.0 13.5 20.3

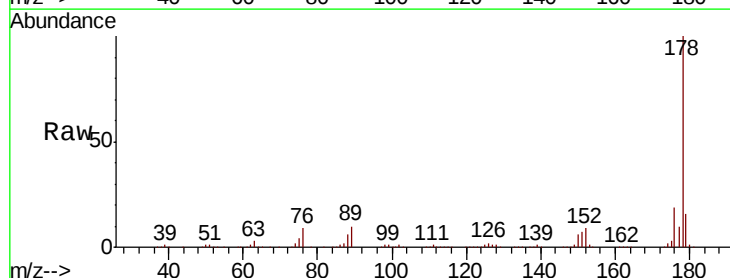


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

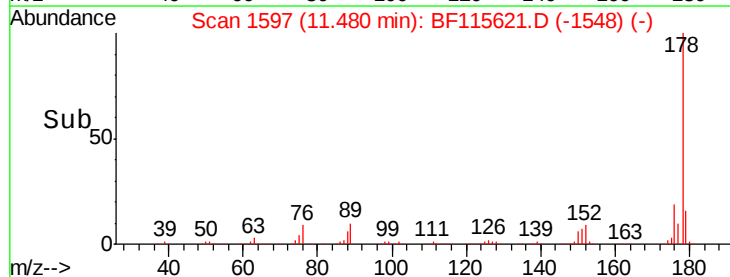
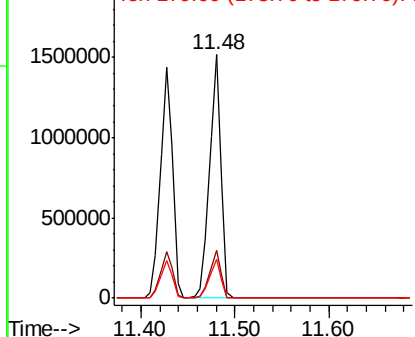


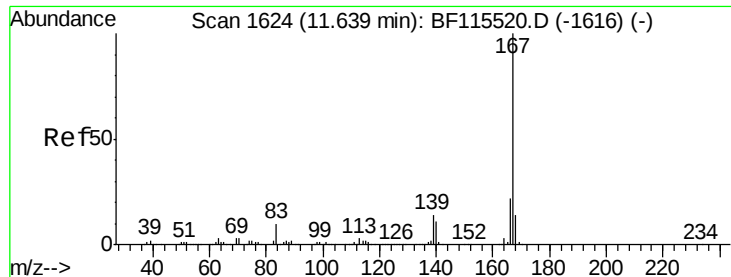
#72
 Anthracene
 Concen: 40.720 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion:178 Resp: 1315699
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.9 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

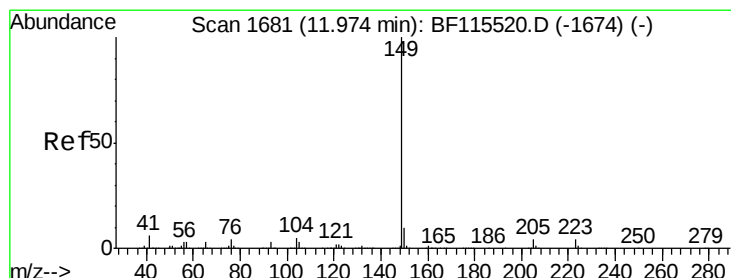
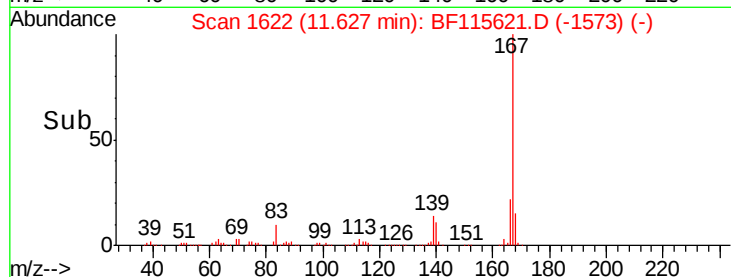
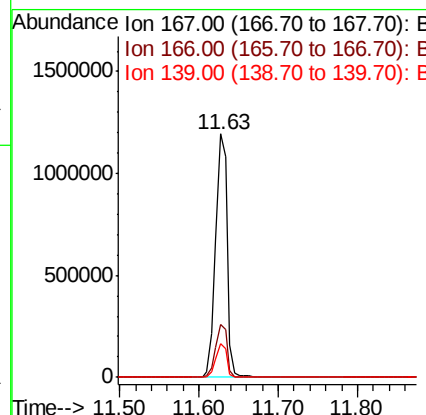
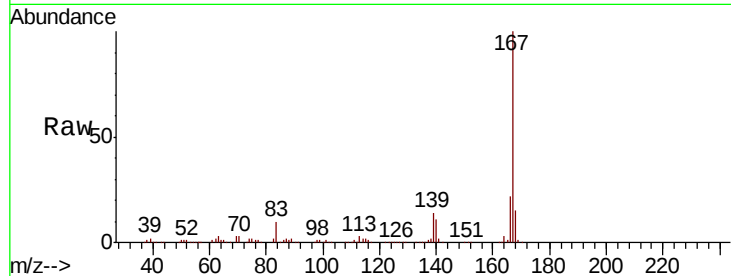




#73
 Carbazole
 Concen: 42.605 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

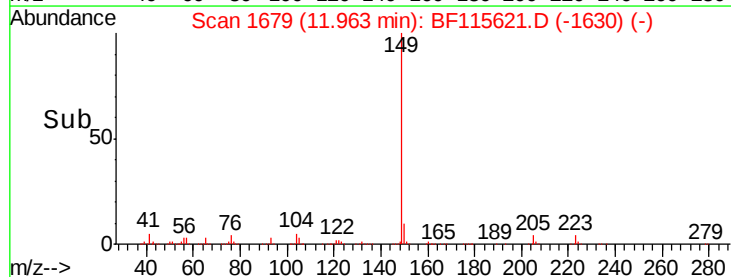
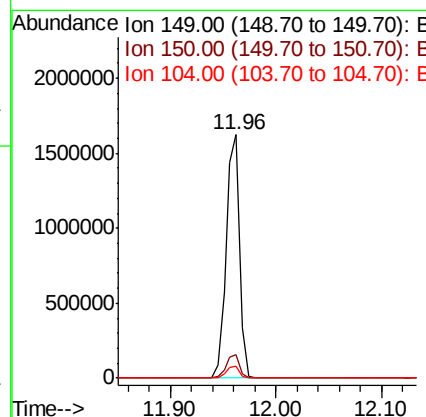
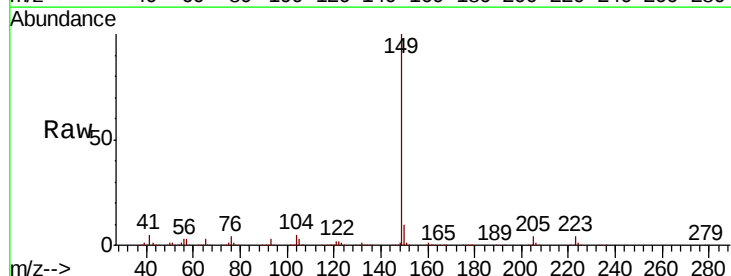
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

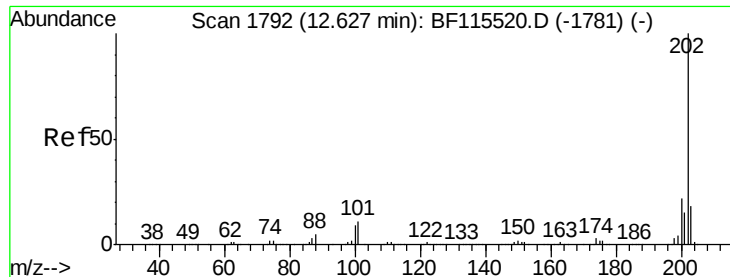
Tot Ion:167 Resp: 1207177
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.7 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 41.316 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115621.D
 Acq: 17 Jul 2019 13:41

Tgt Ion:149 Resp: 1441981
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.8 5.8

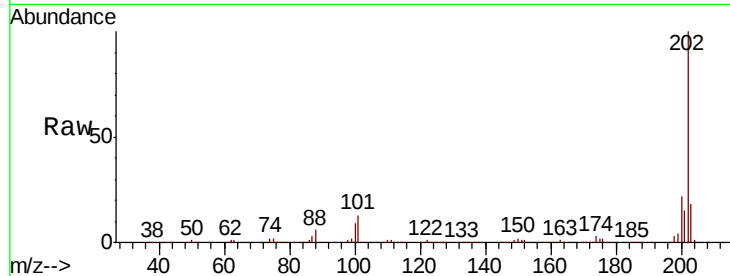




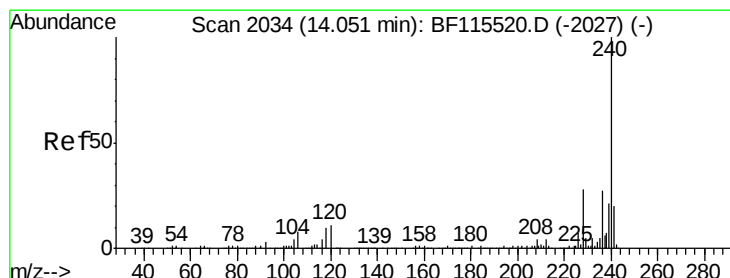
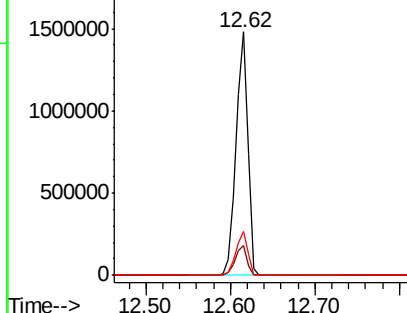
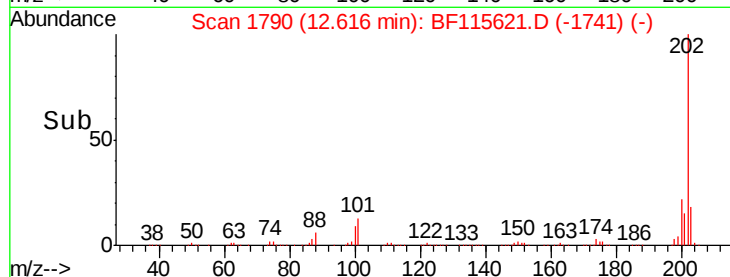
#75
Fluoranthene
Concen: 42.274 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1396668
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 18.0 0.0 38.1

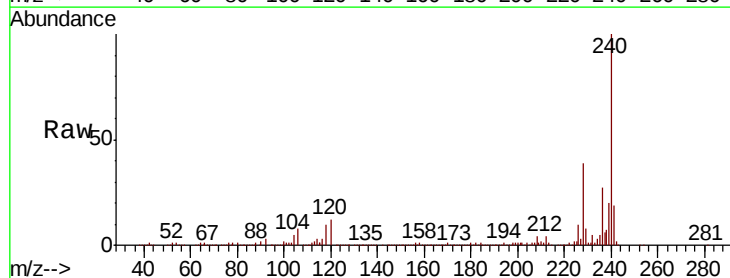


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

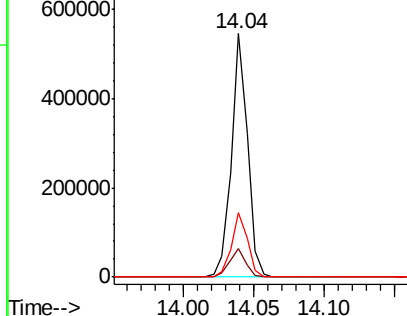
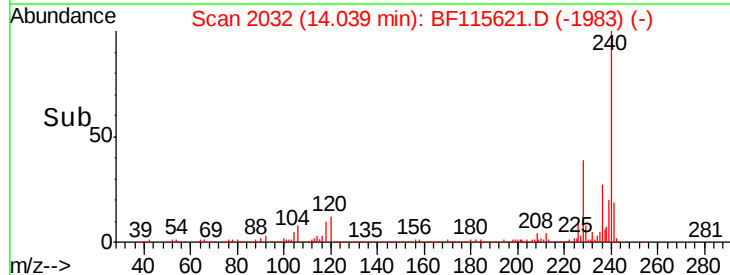


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:240 Resp: 433095
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 26.6 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: 44.949 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

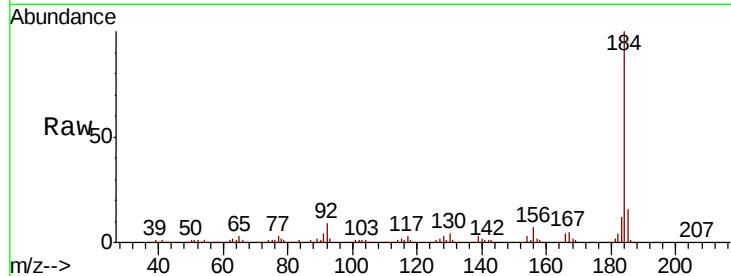
Tot Ion:184 Resp: 689633

Ion Ratio Lower Upper

184 100

185 15.9 12.0 18.0

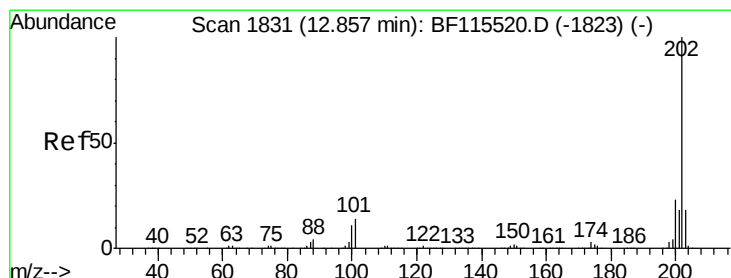
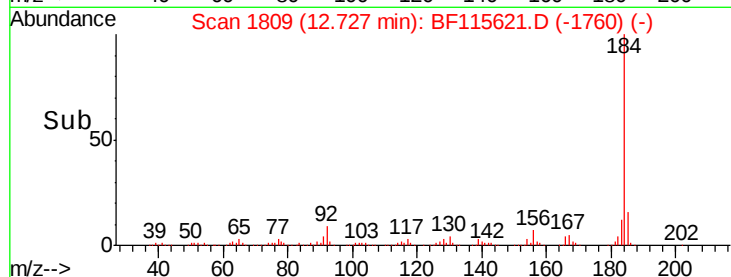
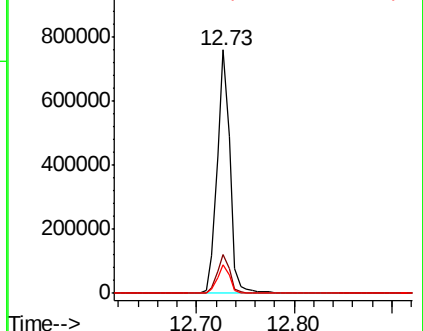
183 11.9 9.3 13.9



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: 38.079 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

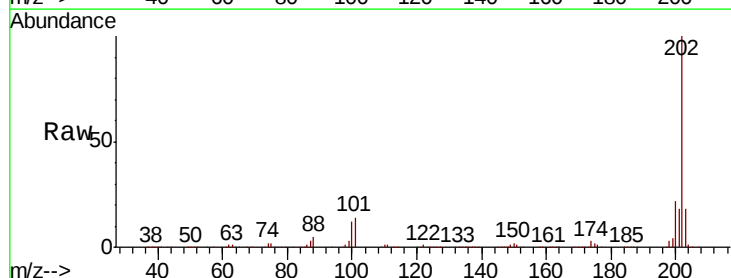
Tgt Ion:202 Resp: 1397236

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

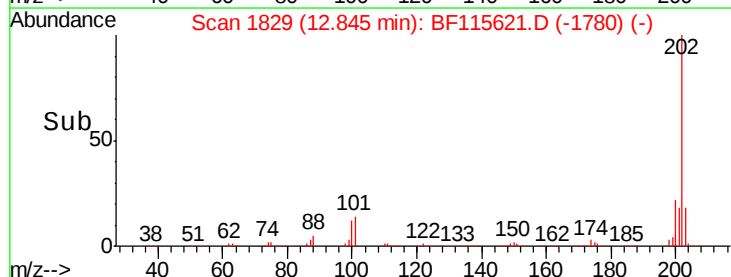
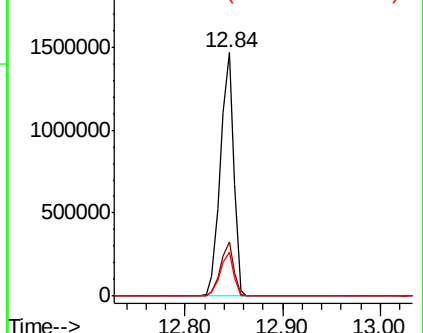
203 17.9 15.2 22.8

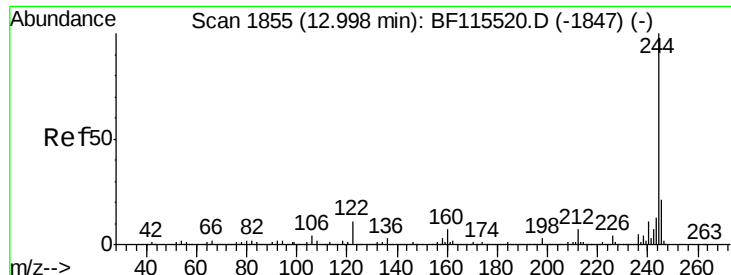


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.841 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

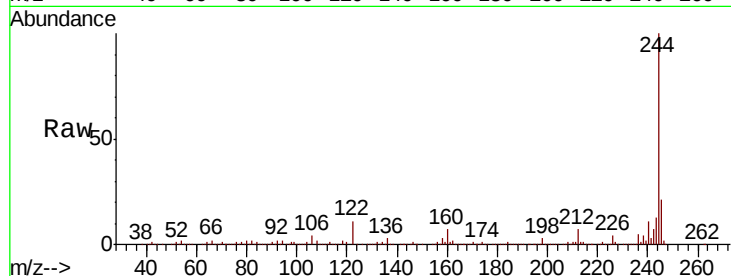
Tot Ion:244 Resp: 1780125

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

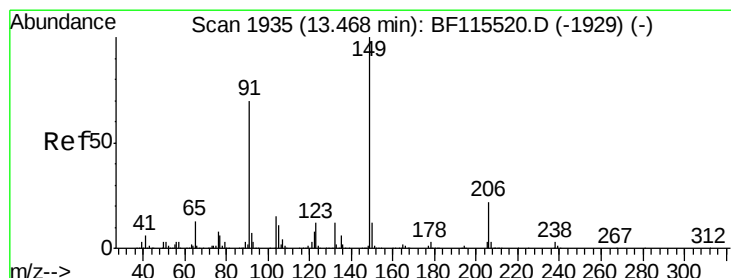
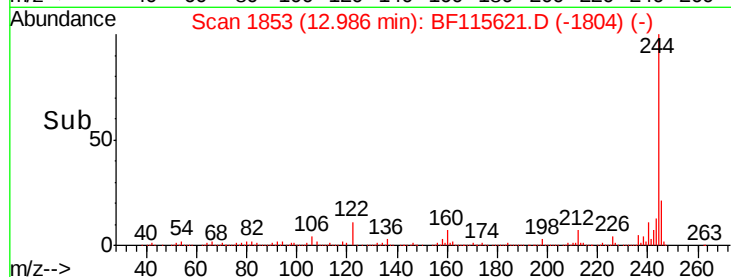
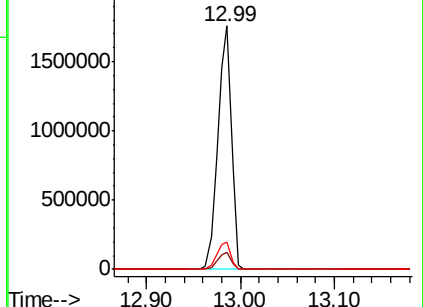
122 11.1 8.6 12.8



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: 39.399 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

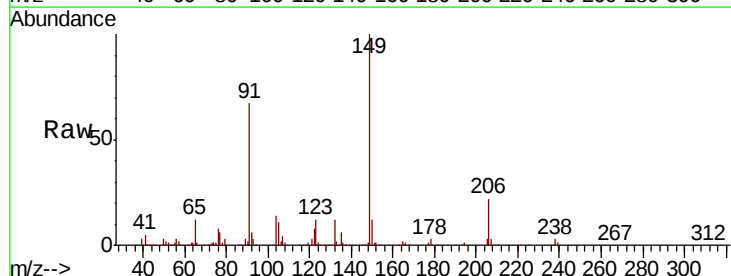
Tgt Ion:149 Resp: 616292

Ion Ratio Lower Upper

149 100

91 67.2 55.8 83.8

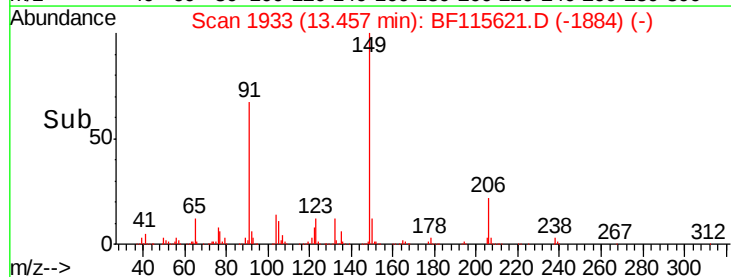
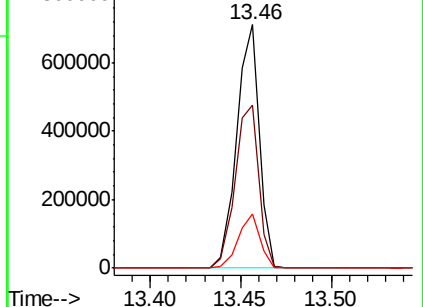
206 22.2 18.2 27.2

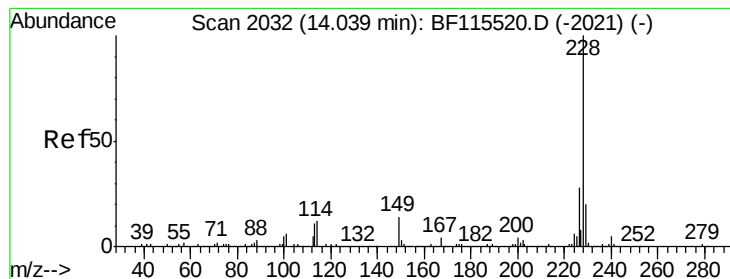


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.960 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

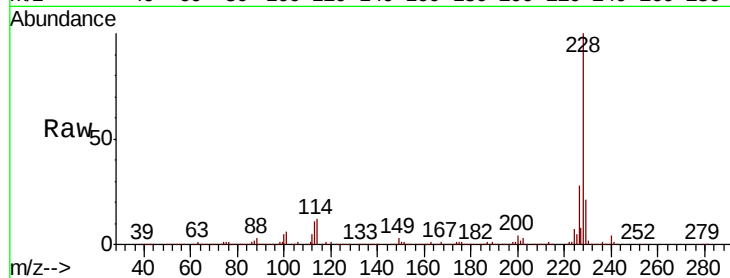
Tot Ion:228 Resp: 1197233

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	20.5	17.2	25.8

228 100

226 28.1 23.4 35.0

229 20.5 17.2 25.8

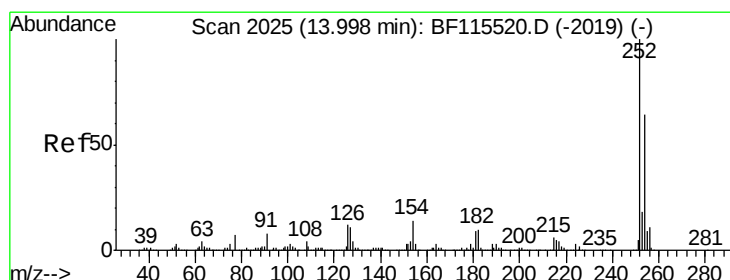
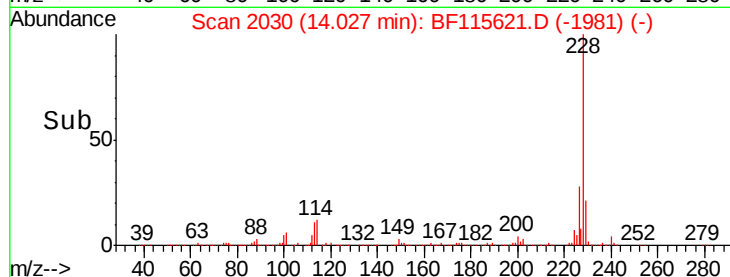
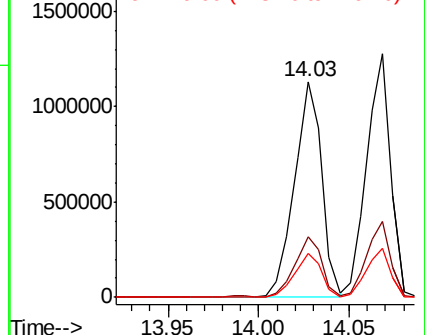


Abundance

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: 44.090 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

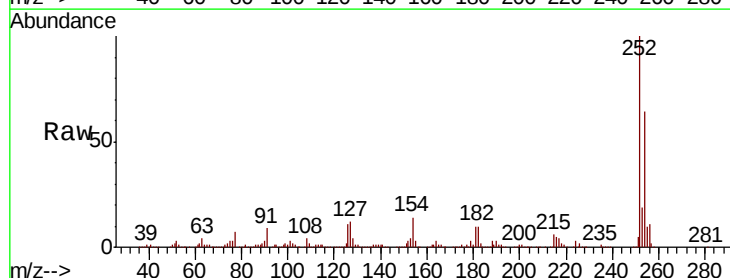
Tgt Ion:252 Resp: 447210

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.9	79.3
126	11.3	9.9	14.9

252 100

254 64.0 52.9 79.3

126 11.3 9.9 14.9

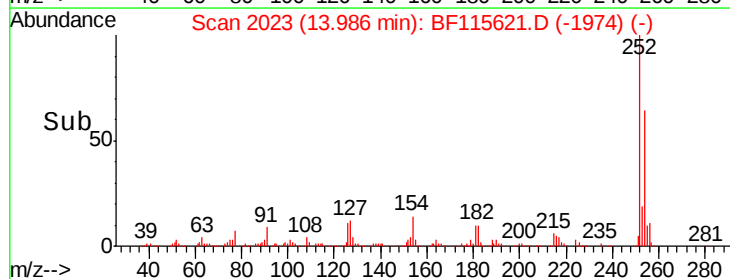
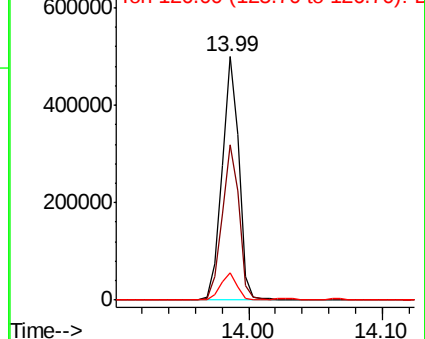


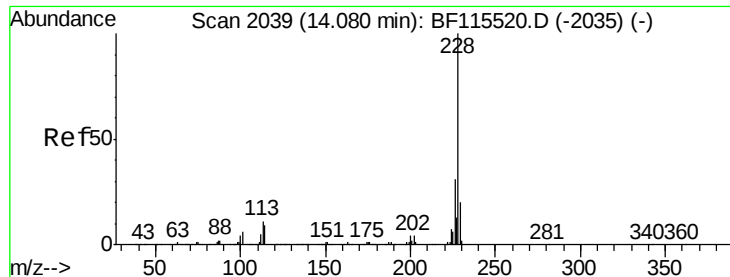
Abundance

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: 41.042 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

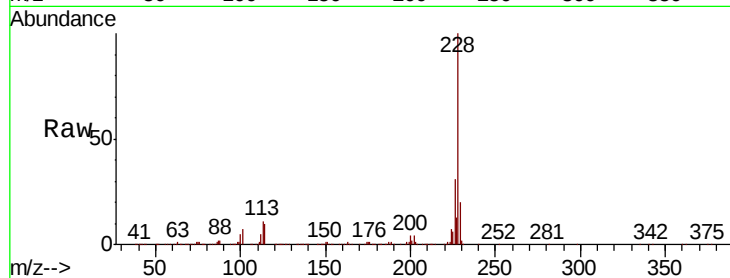
Tot Ion:228 Resp: 1175542

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

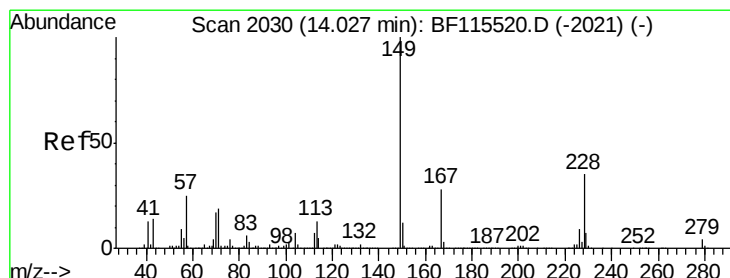
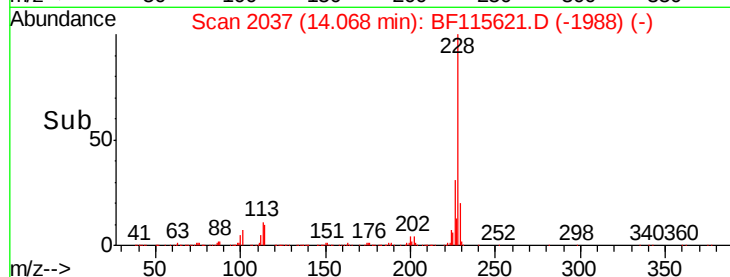
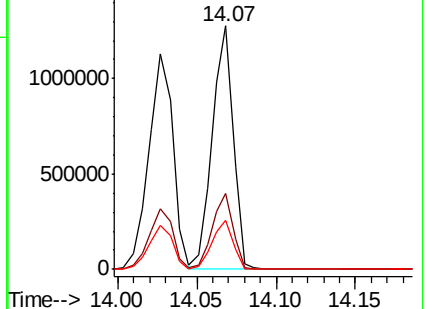
229 20.4 16.6 25.0



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: 40.686 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

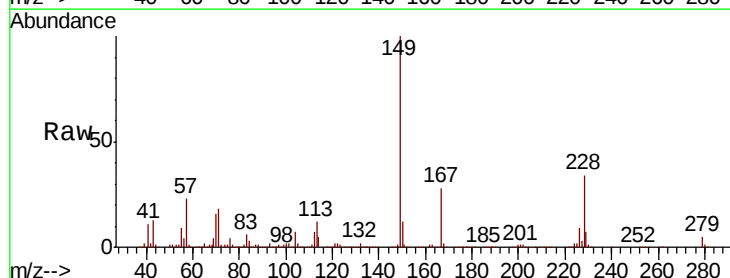
Tgt Ion:149 Resp: 788322

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

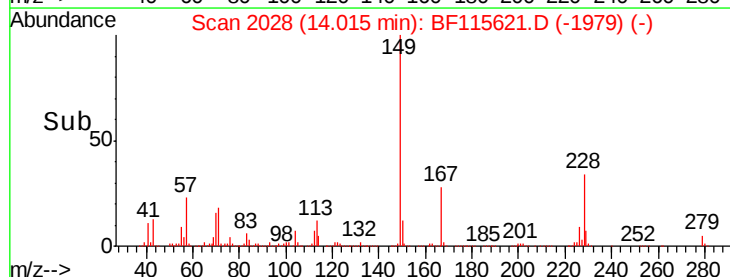
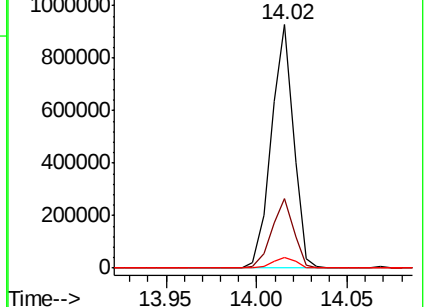
279 4.5 4.2 6.2

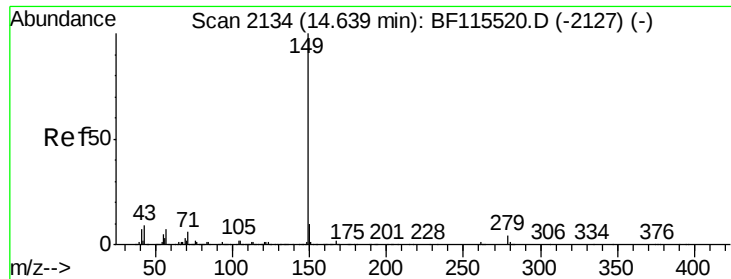


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.295 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

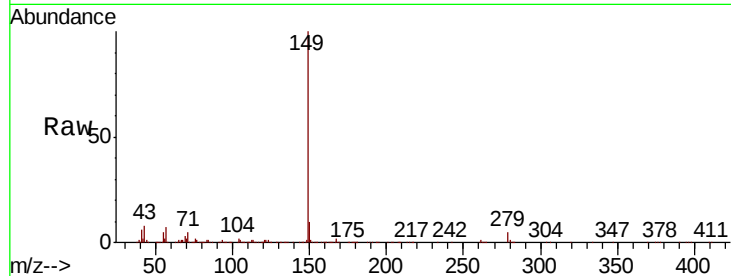
Tot Ion:149 Resp: 1303887

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

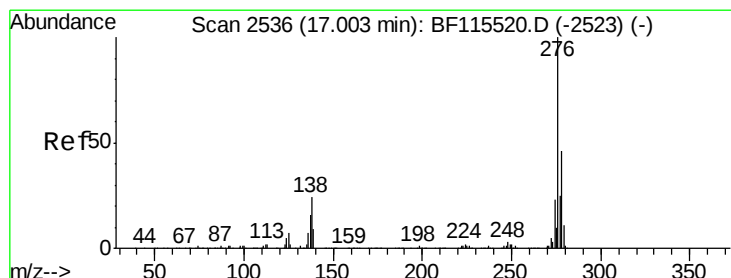
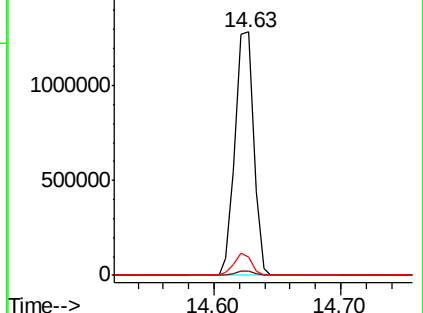
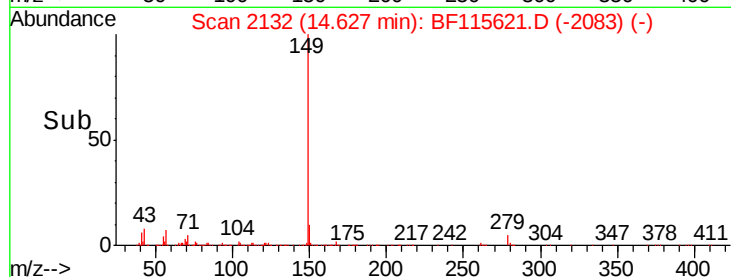
43 8.6 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.282 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

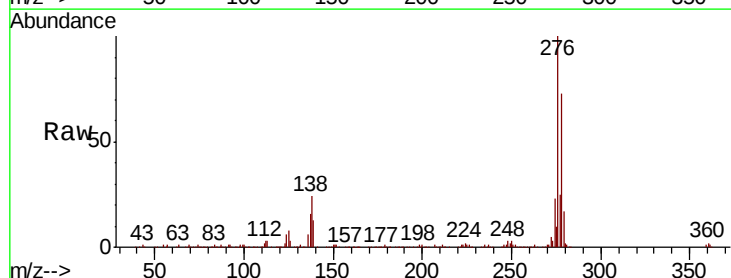
Tgt Ion:276 Resp: 931555

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

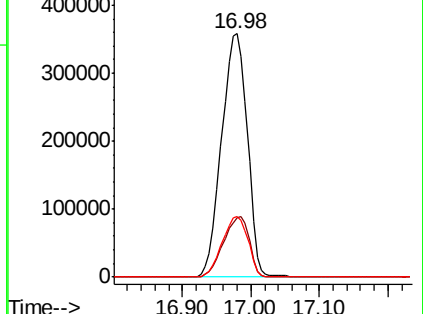
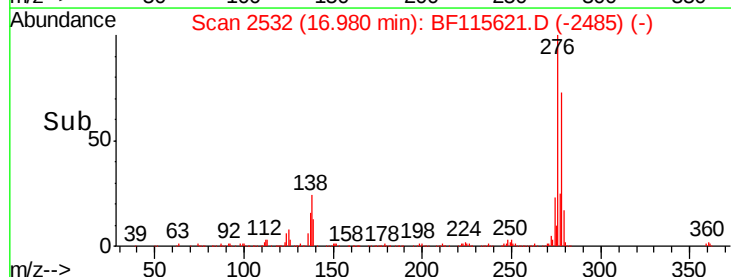
277 25.2 20.4 30.6

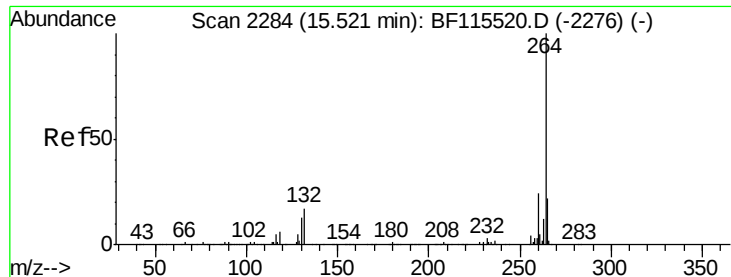


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

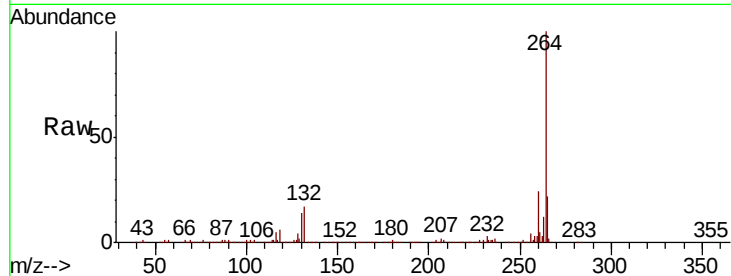
Tot Ion:264 Resp: 427883

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

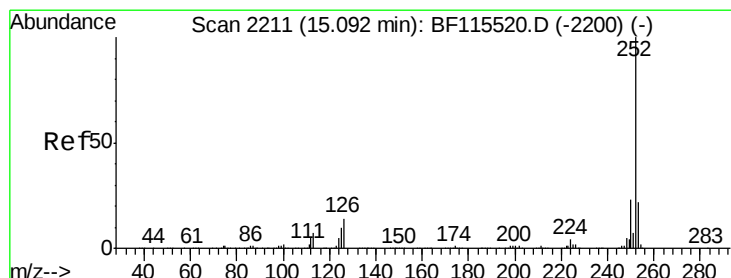
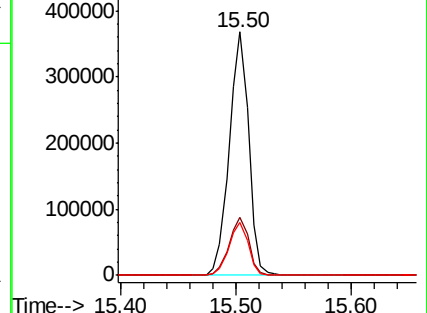
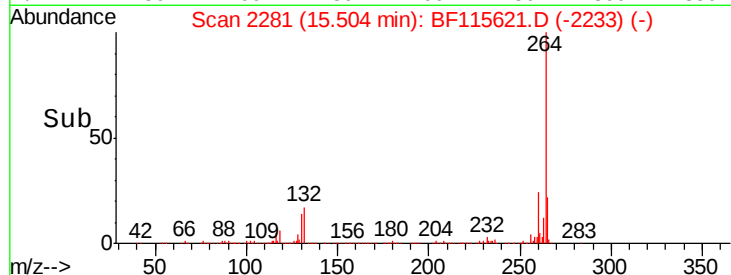
265 21.7 17.7 26.5



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: 41.169 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

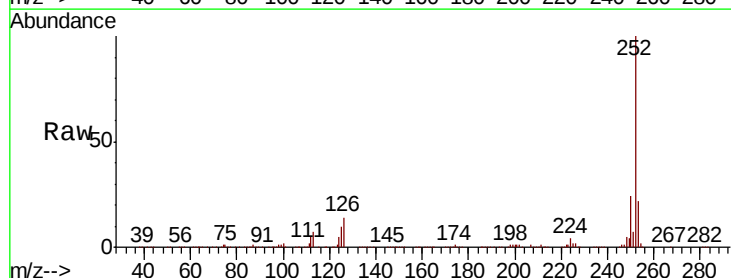
Tgt Ion:252 Resp: 1134299

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

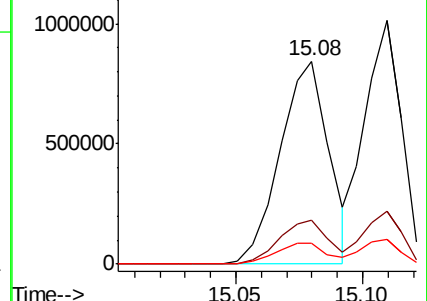
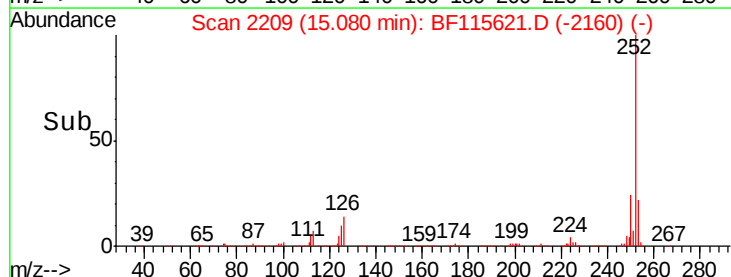
125 10.2 9.0 13.4

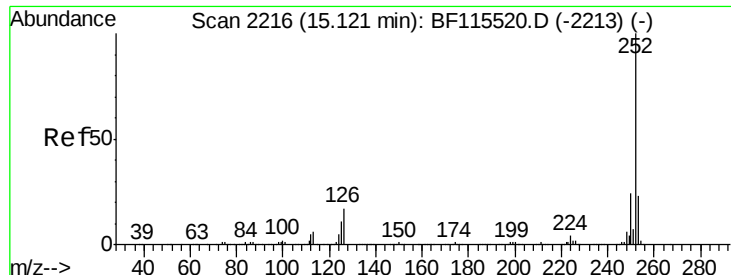


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

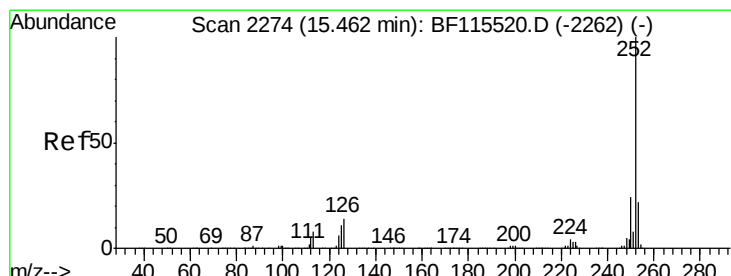
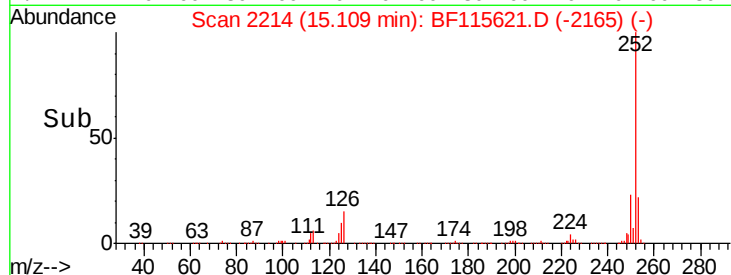
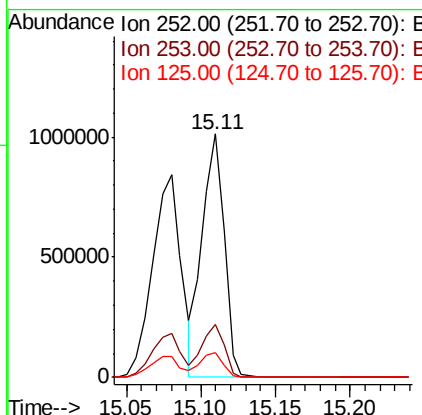
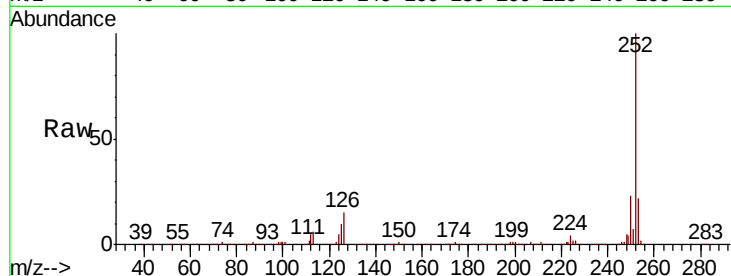




#89
Benzo(k)fluoranthene
Concen: 42.040 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

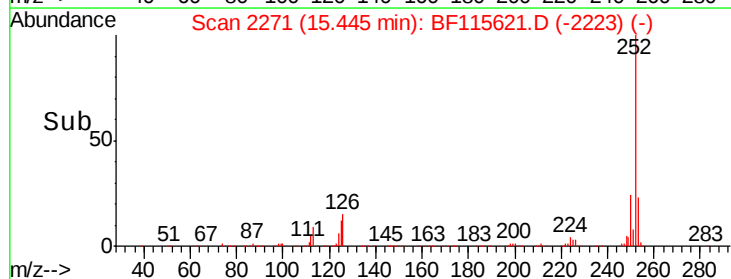
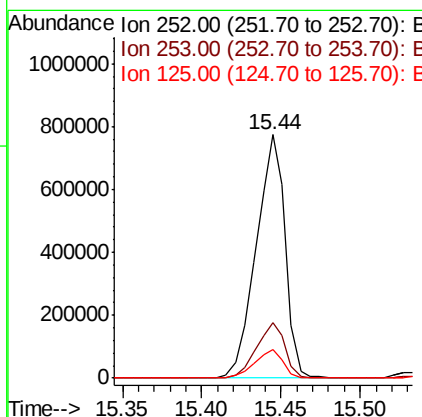
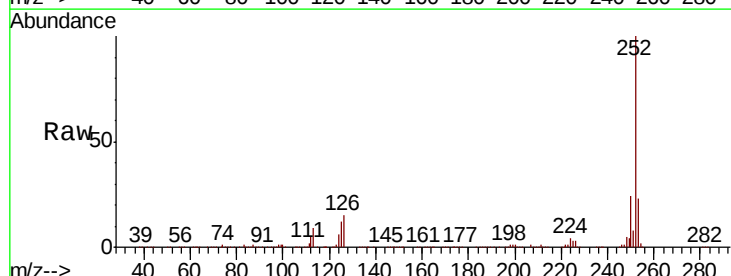
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

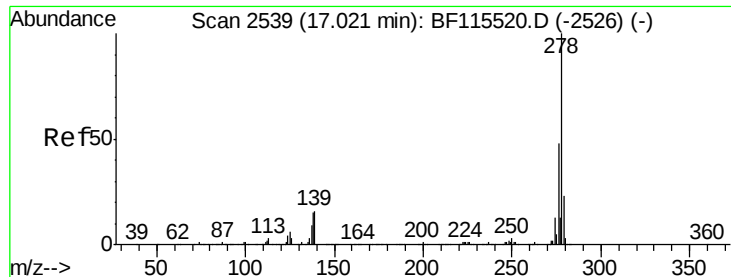
Tot Ion:252 Resp: 1032680
Ion Ratio Lower Upper
252 100
253 21.6 18.6 28.0
125 10.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.587 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115621.D
Acq: 17 Jul 2019 13:41

Tgt Ion:252 Resp: 984817
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.9 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 36.432 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.03 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

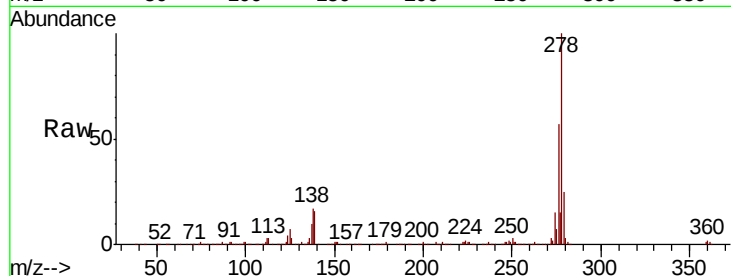
Tot Ion:278 Resp: 757403

Ion Ratio Lower Upper

278 100

139 16.0 13.1 19.7

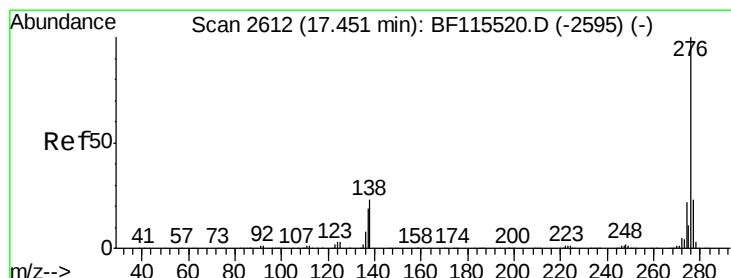
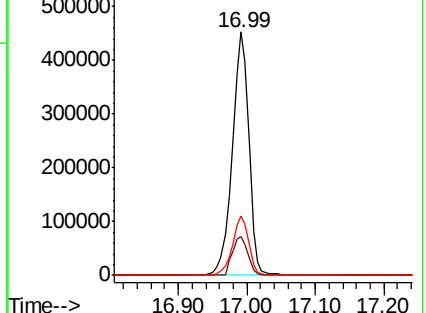
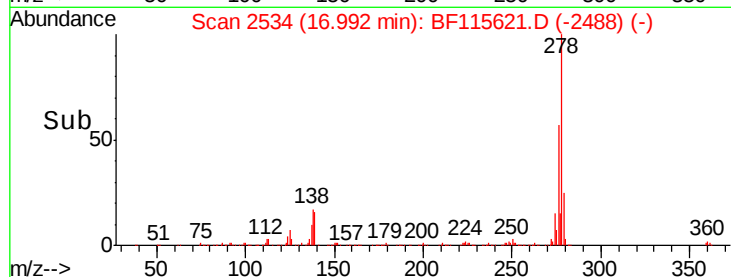
279 24.6 19.6 29.4



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: 34.263 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115621.D

Acq: 17 Jul 2019 13:41

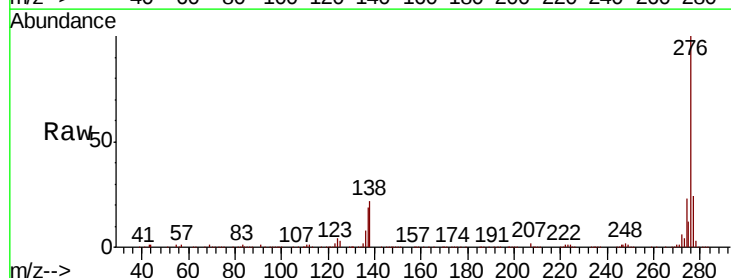
Tgt Ion:276 Resp: 710400

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.4 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

