

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120400.D
 Acq On : 28 May 2020 11:23
 Operator : MA/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 28 12:07:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	247993	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	919115	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	469084	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	879720	20.00	ng	0.00
76) Chrysene-d12	14.00	240	596506	20.00	ng	0.00
86) Perylene-d12	15.44	264	553585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1201578	94.27	ng	0.00
7) Phenol-d6	6.47	99	1469479	91.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	1336047	99.52	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	412632	107.89	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2350157	102.93	ng	0.00
79) Terphenyl-d14	12.94	244	2518330	93.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	302195	59.603	ng	100
3) Pyridine	3.33	79	827894	51.945	ng	100
4) n-Nitrosodimethylamine	3.29	42	351936	56.394	ng	98
6) Aniline	6.50	93	1036751	50.295	ng	100
8) 2-Chlorophenol	6.63	128	680684	45.803	ng	98
9) Benzaldehyde	6.39	77	421151	42.386	ng	99
10) Phenol	6.48	94	816707	43.406	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	674190	44.857	ng	98
12) 1,3-Dichlorobenzene	6.78	146	750891	47.220	ng	100
13) 1,4-Dichlorobenzene	6.86	146	747595	45.646	ng	100
14) 1,2-Dichlorobenzene	7.02	146	693957	47.051	ng	99
15) Benzyl Alcohol	6.98	79	572653	50.010	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1071622	45.243	ng	100
17) 2-Methylphenol	7.09	107	602787	48.048	ng	99
18) Hexachloroethane	7.36	117	276005	44.236	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	466384	44.167	ng	99
20) 3+4-Methylphenols	7.25	107	694545	42.582	ng	96
22) Acetophenone	7.25	105	868701	46.136	ng	97
24) Nitrobenzene	7.42	77	720416	49.865	ng	99
25) Isophorone	7.66	82	1310846	46.930	ng	99
26) 2-Nitrophenol	7.74	139	333668	44.159	ng	98
27) 2,4-Dimethylphenol	7.77	122	571310	51.977	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	790165	45.007	ng	100
29) 2,4-Dichlorophenol	7.97	162	564340	49.991	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	635517	50.802	ng	98
31) Naphthalene	8.15	128	1898316	48.937	ng	100
32) Benzoic acid	7.89	122	445901	61.891	ng	99
33) 4-Chloroaniline	8.19	127	826691	46.764	ng	99
34) Hexachlorobutadiene	8.26	225	379102	52.431	ng	99
35) Caprolactam	8.57	113	177490	48.059	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	571983	46.838	ng	98
37) 2-Methylnaphthalene	8.84	142	1249923	47.086	ng	99
38) 1-Methylnaphthalene	8.93	142	1181133	45.876	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	571689	48.333	ng	100

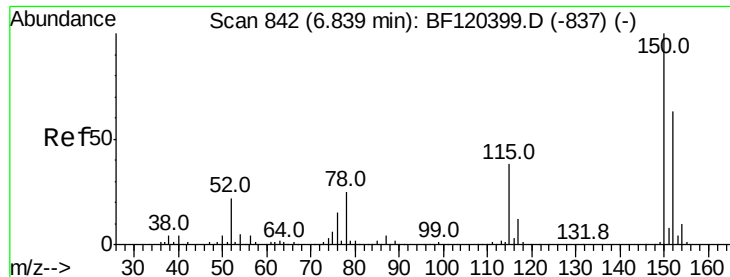
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120400.D
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 Operator : MA/SJ
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 QLast Update : Thu May 28 11:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	329720	78.794	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	419713	52.863	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	465128	51.012	ng	99
46) 1,1'-Biphenyl	9.30	154	1473016	47.926	ng	98
47) 2-Chloronaphthalene	9.33	162	1209910	49.076	ng	99
48) 2-Nitroaniline	9.42	65	372560	41.417	ng	100
49) Acenaphthylene	9.74	152	1866539	49.563	ng	100
50) Dimethylphthalate	9.60	163	1362236	45.939	ng	100
51) 2,6-Dinitrotoluene	9.66	165	311806	47.113	ng	86
52) Acenaphthene	9.92	154	1163268	51.532	ng	99
53) 3-Nitroaniline	9.83	138	367872	46.611	ng	99
54) 2,4-Dinitrophenol	9.93	184	111647	35.738	ng	94
55) Dibenzofuran	10.09	168	1679057	51.651	ng	97
56) 4-Nitrophenol	9.97	139	283044	66.744	ng	98
57) 2,4-Dinitrotoluene	10.06	165	405920	52.286	ng	90
58) Fluorene	10.43	166	1185000	47.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	363476	52.970	ng	99
60) Diethylphthalate	10.30	149	1393444	48.675	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	624138	48.489	ng	99
62) 4-Nitroaniline	10.44	138	339175	46.151	ng	99
63) Azobenzene	10.58	77	1317832	48.707	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	161319	36.259	ng	86
66) n-Nitrosodiphenylamine	10.54	169	1157942	47.577	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	422360	49.476	ng	97
68) Hexachlorobenzene	10.97	284	447218	50.076	ng	99
69) Atrazine	11.06	200	325957	44.758	ng	98
70) Pentachlorophenol	11.16	266	284307	74.850	ng	97
71) Phenanthrene	11.39	178	1824831	49.365	ng	100
72) Anthracene	11.44	178	1829898	46.240	ng	99
73) Carbazole	11.59	167	1774116	47.981	ng	99
74) Di-n-butylphthalate	11.93	149	2070718	46.468	ng	99
75) Fluoranthene	12.57	202	1964347	49.578	ng	97
77) Benzidine	12.69	184	927962	53.273	ng	97
78) Pyrene	12.80	202	2005934	47.171	ng	99
80) Butylbenzylphthalate	13.42	149	841618	42.030	ng	99
81) Benzo(a)anthracene	13.99	228	1512220	48.065	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	573700	48.388	ng	100
83) Chrysene	14.02	228	1591988	47.123	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	975909	39.172	ng	99
85) Di-n-octyl phthalate	14.59	149	1735457	38.721	ng	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1496689	51.038	ng	100
88) Benzo(b)fluoranthene	15.03	252	1436485	47.514	ng	100
89) Benzo(k)fluoranthene	15.06	252	1356770	51.799	ng	99
90) Benzo(a)pyrene	15.39	252	1268335	46.779	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1224271	50.969	ng	99
92) Benzo(g,h,i)perylene	17.32	276	1214194	50.129	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

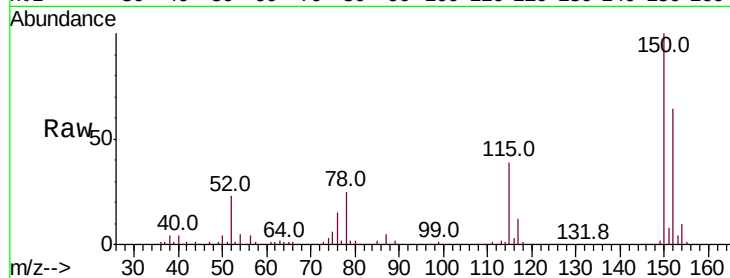
Tot Ion:152 Resp: 247993

Ion Ratio Lower Upper

152 100

150 155.8 126.5 189.7

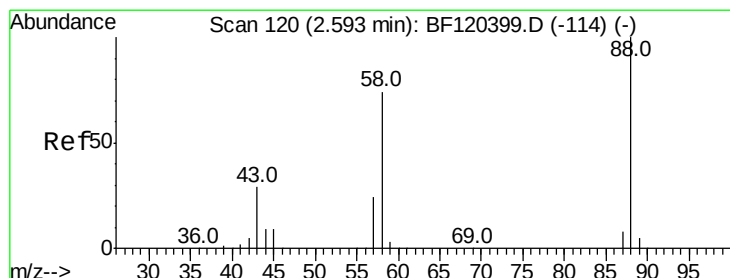
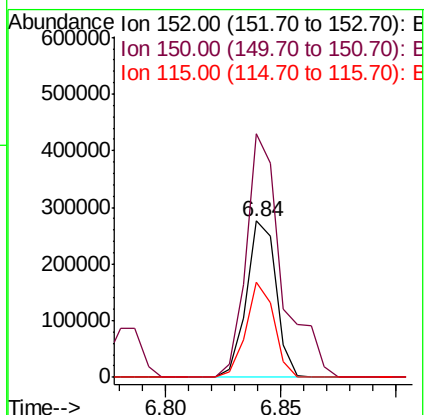
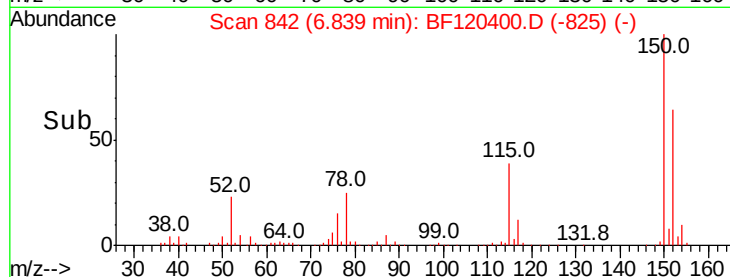
115 60.8 47.6 71.4



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: 59.603 ng

RT: 2.59 min Scan# 119

Delta R.T. -0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

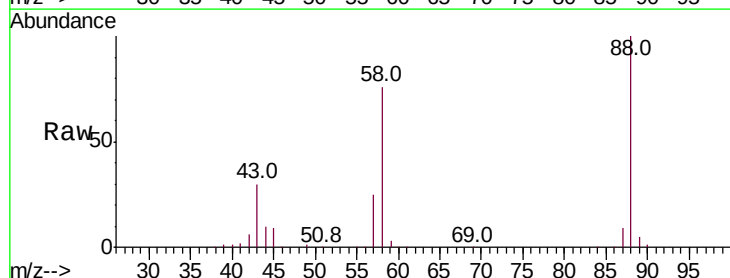
Tgt Ion: 88 Resp: 302195

Ion Ratio Lower Upper

88 100

58 76.0 61.0 91.4

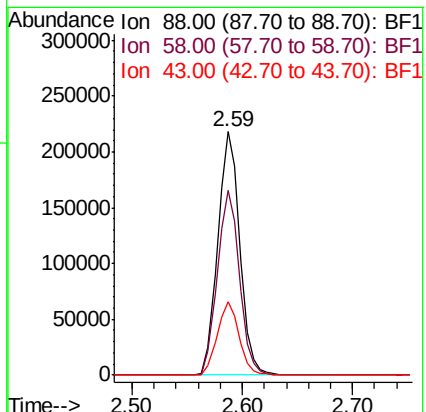
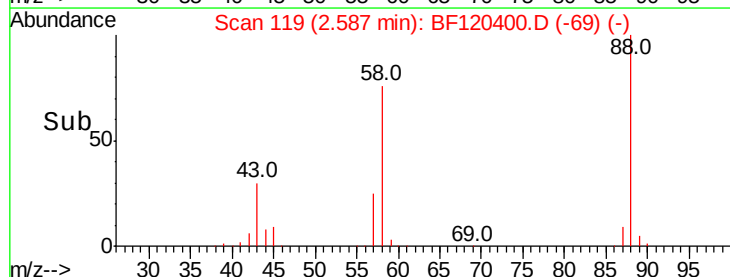
43 29.6 23.6 35.4

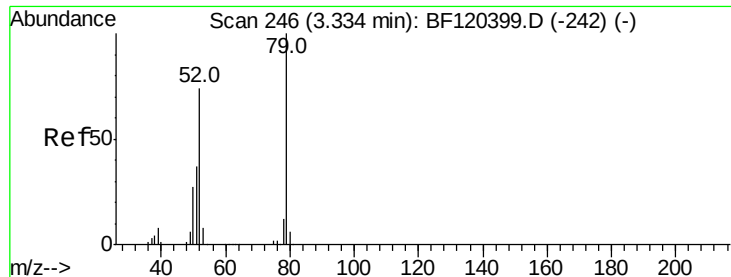


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

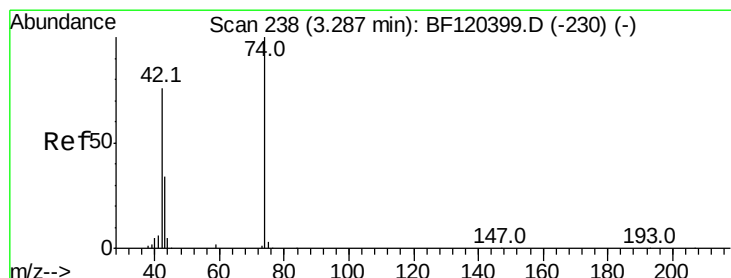
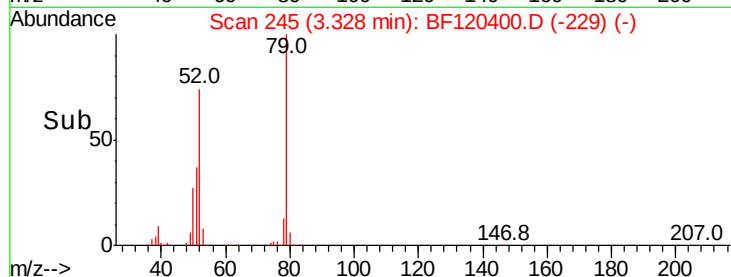
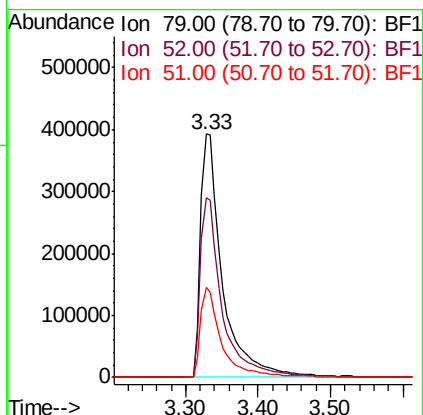
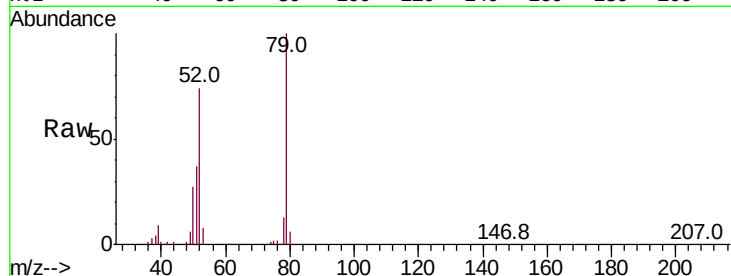




#3
 Pvridine
 Concen: 51.945 ng
 RT: 3.33 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

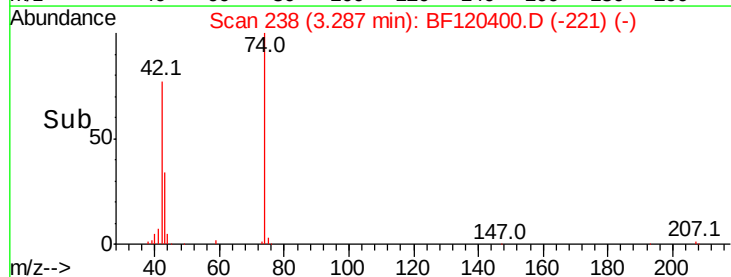
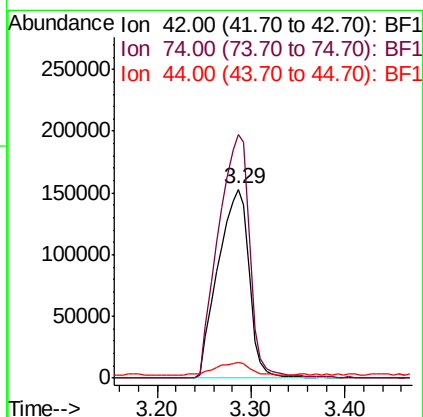
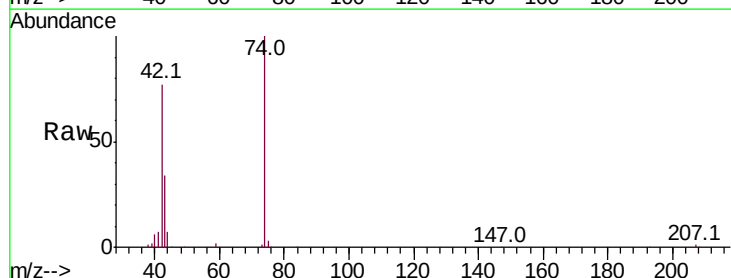
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

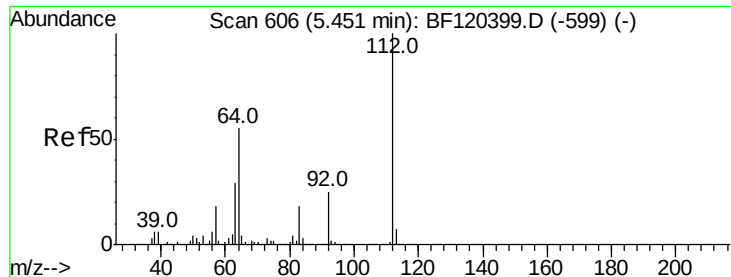
Tot Ion: 79 Resp: 827894
 Ion Ratio Lower Upper
 79 100
 52 73.6 59.2 88.8
 51 36.9 29.4 44.2



#4
 n-Nitrosodimethylamine
 Concen: 56.394 ng
 RT: 3.29 min Scan# 238
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion: 42 Resp: 351936
 Ion Ratio Lower Upper
 42 100
 74 129.1 104.8 157.2
 44 8.4 7.0 10.4





#5

2-Fluorophenol

Concen: 94.273 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

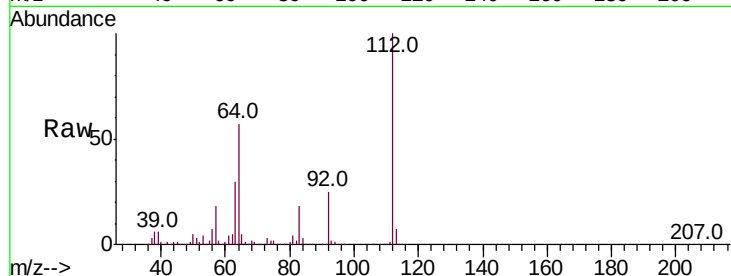
Tot Ion:112 Resp: 1201578

Ion Ratio Lower Upper

112 100

64 57.2 44.3 66.5

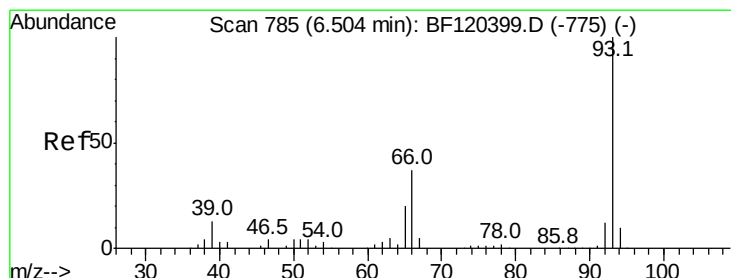
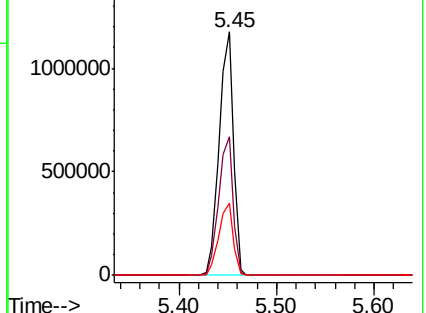
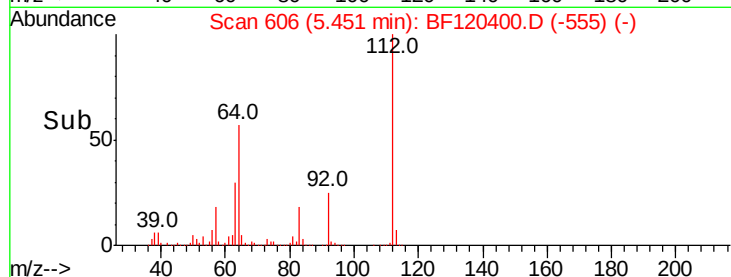
63 29.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.295 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

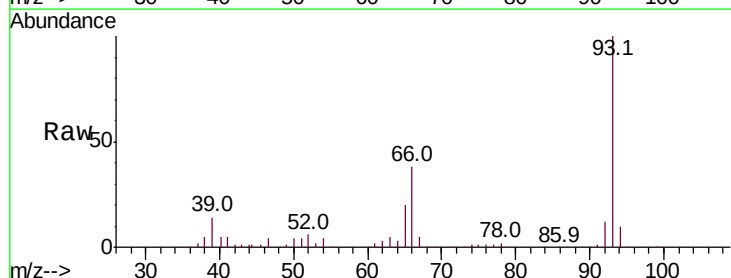
Tgt Ion: 93 Resp: 1036751

Ion Ratio Lower Upper

93 100

66 38.1 30.4 45.6

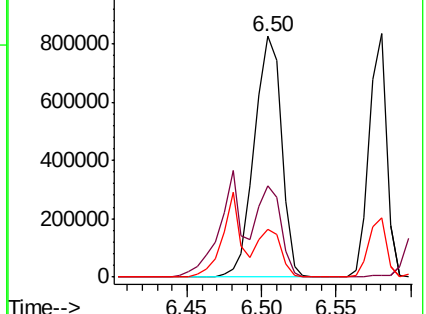
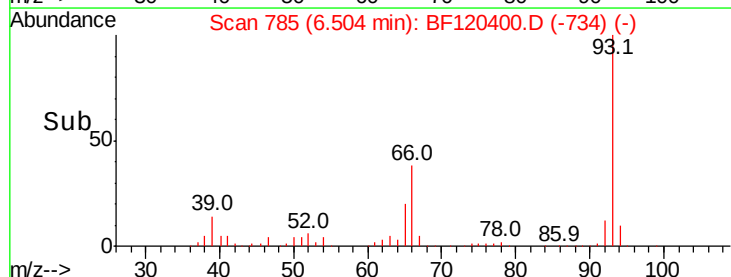
65 20.0 16.3 24.5

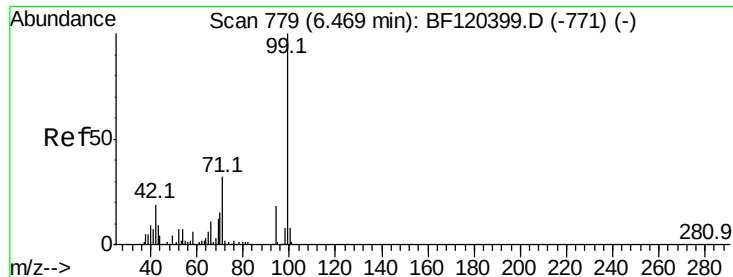


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.170 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

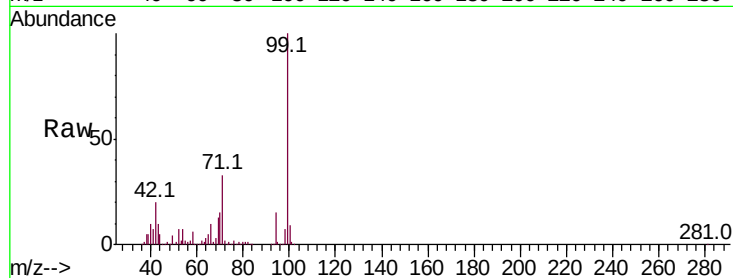
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1469479

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.2	22.8
71	32.5	25.6	38.4

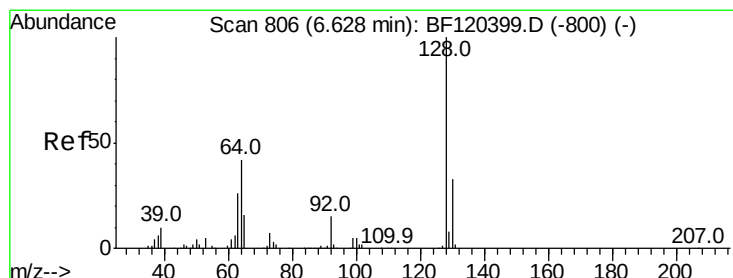
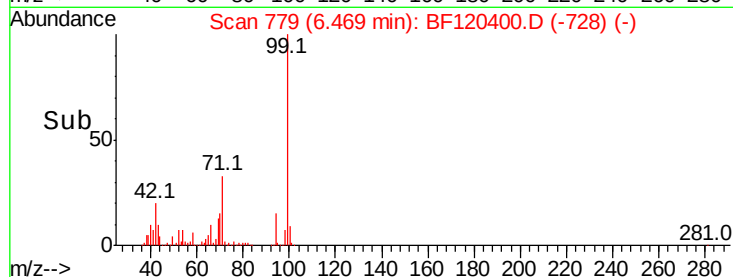


Abundance

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: 45.803 ng

RT: 6.63 min Scan# 806

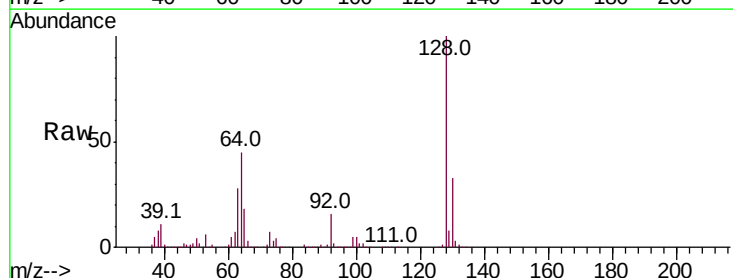
Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Tgt Ion: 128 Resp: 680684

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	45.3	23.2	63.2

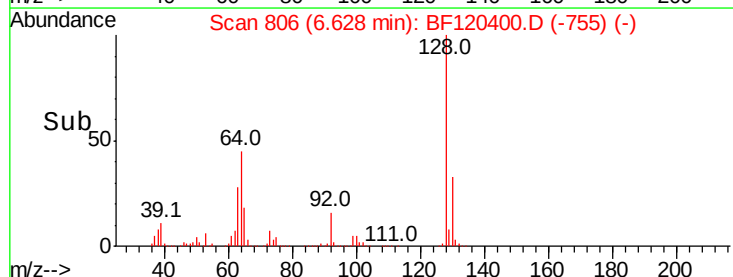


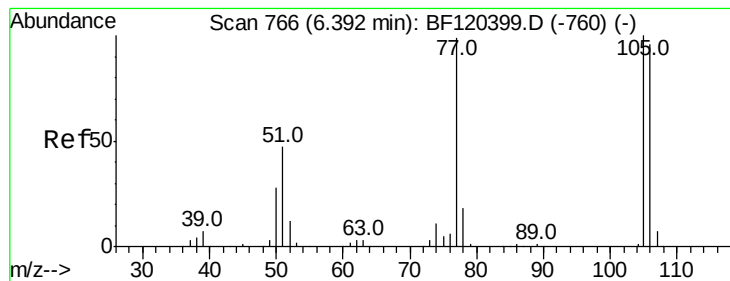
Abundance

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: 42.386 ng

RT: 6.39 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

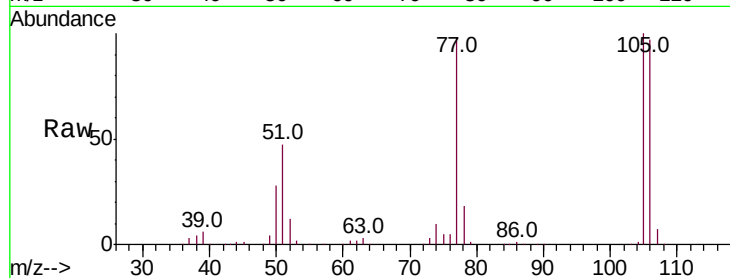
Tot Ion: 77 Resp: 421151

Ion Ratio Lower Upper

77 100

105 102.3 81.5 121.5

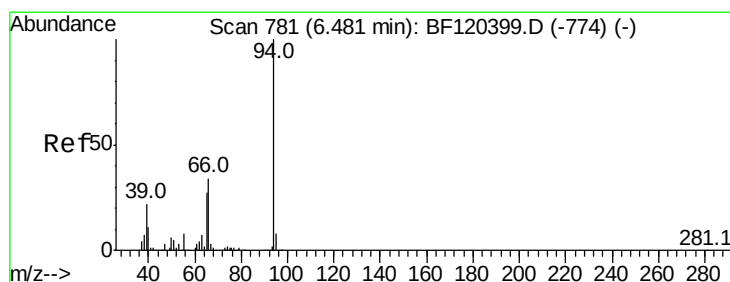
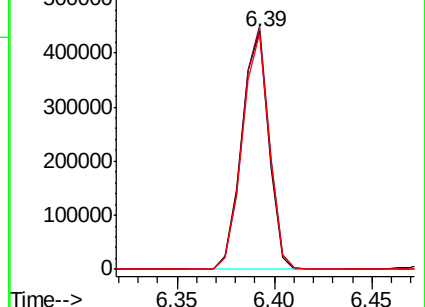
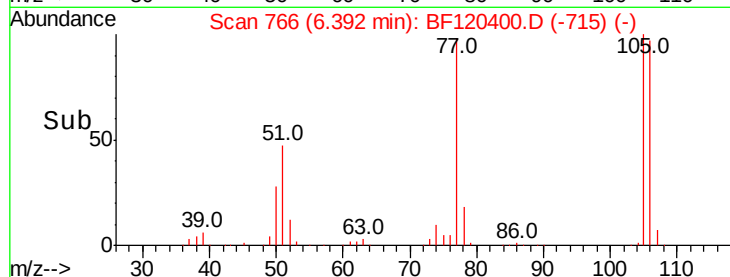
106 99.4 77.4 117.4



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: 43.406 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

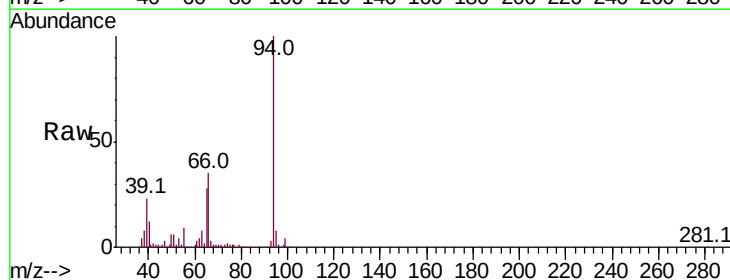
Tgt Ion: 94 Resp: 816707

Ion Ratio Lower Upper

94 100

65 28.2 6.8 46.8

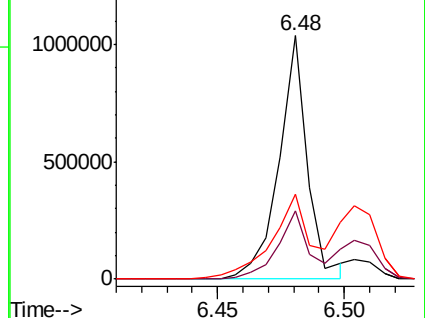
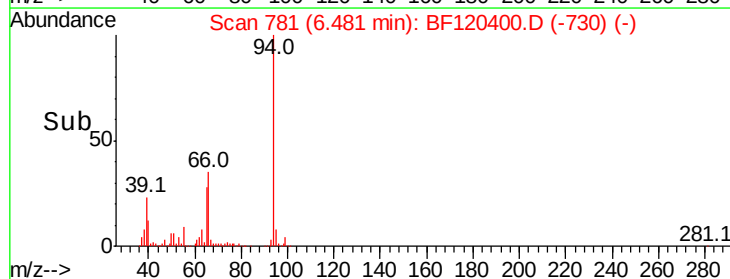
66 35.1 13.9 53.9

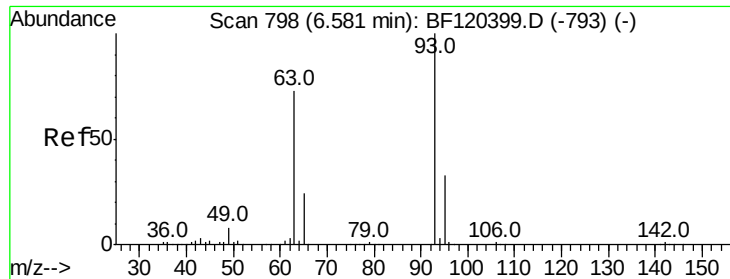


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

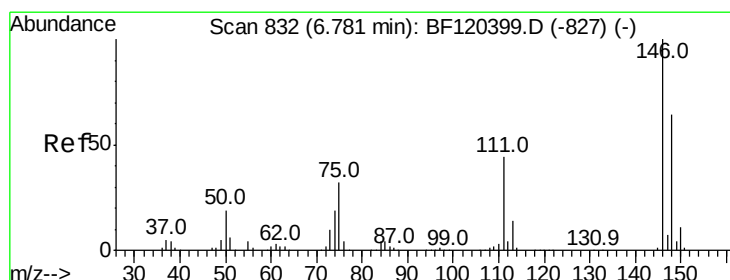
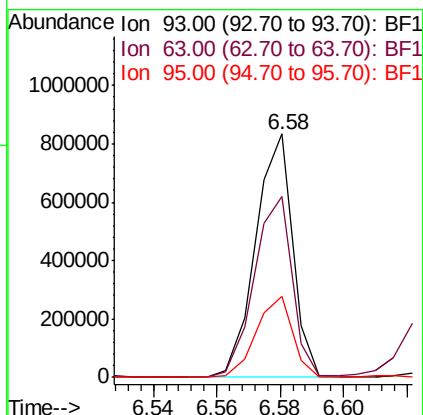
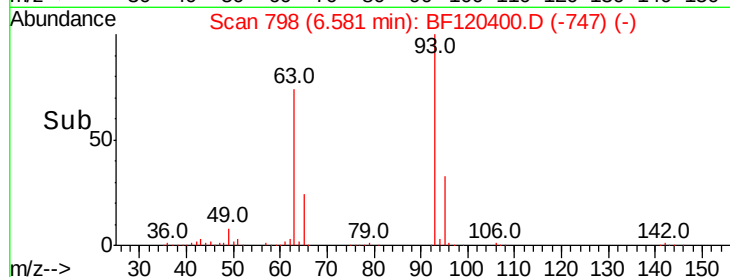
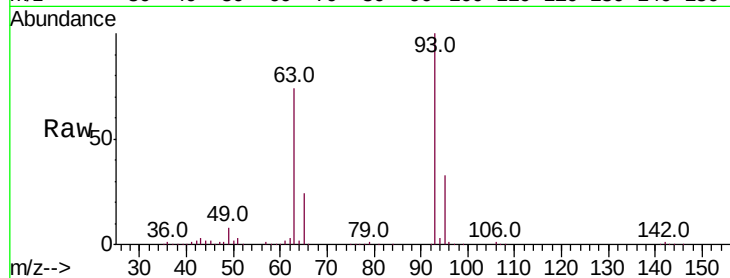




#11
bis(2-Chloroethyl)ether
Concen: 44.857 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

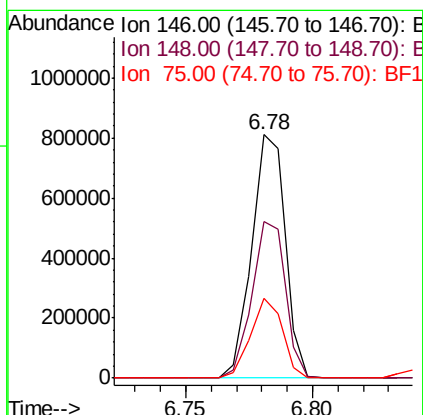
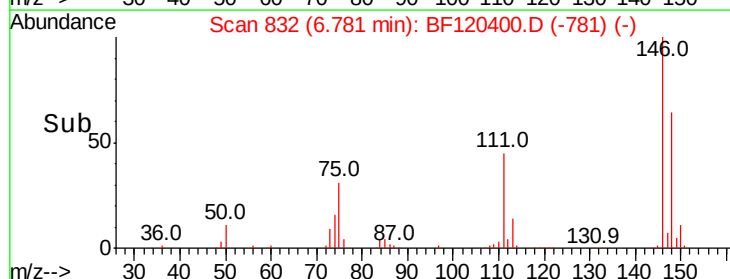
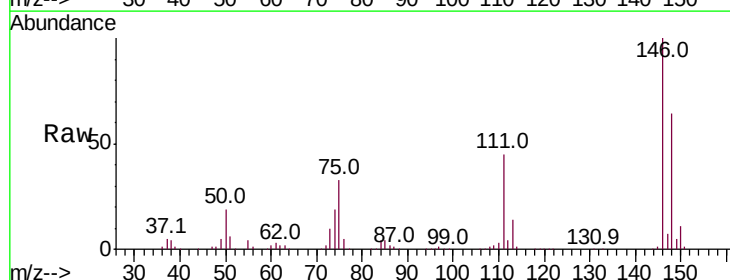
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

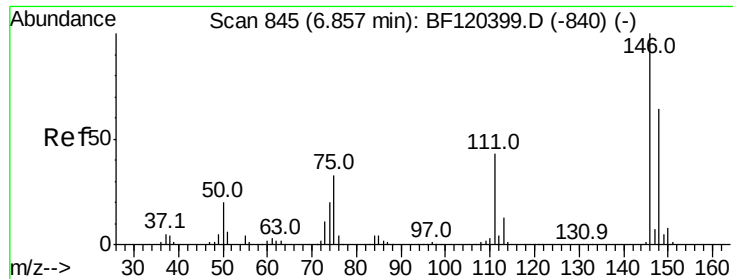
Tot Ion: 93 Resp: 674190
Ion Ratio Lower Upper
93 100
63 74.2 52.8 92.8
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.220 ng
RT: 6.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion: 146 Resp: 750891
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 32.5 25.9 38.9

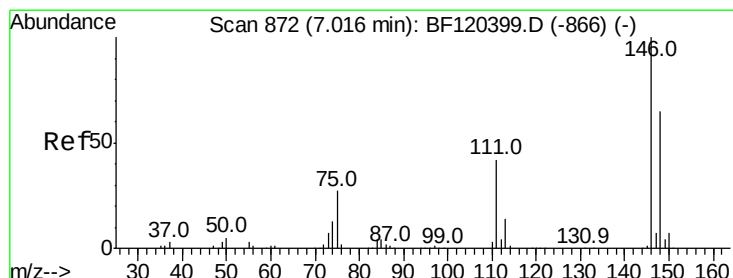
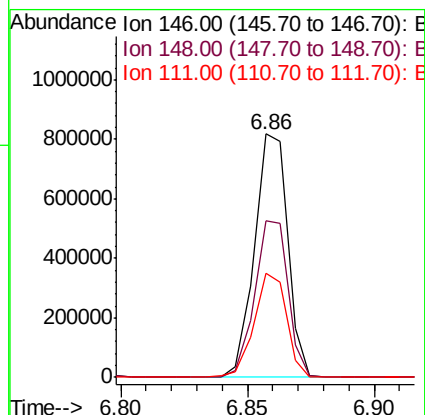
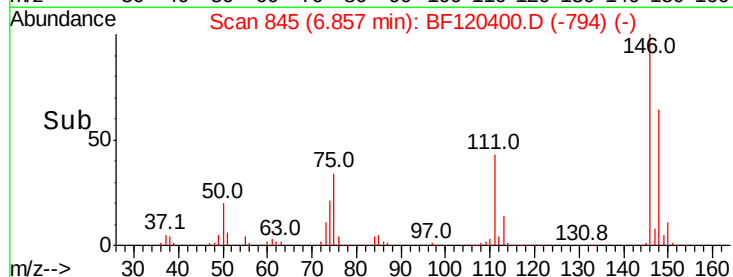
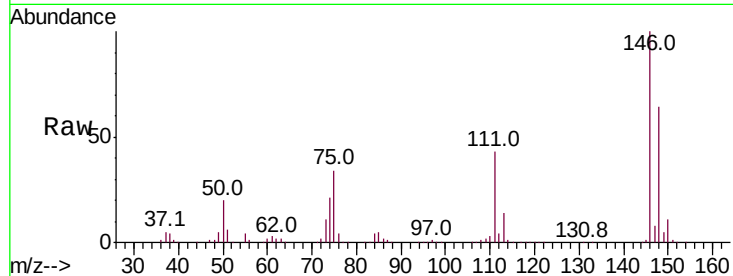




#13
 1,4-Dichlorobenzene
 Concen: 45.646 ng
 RT: 6.86 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

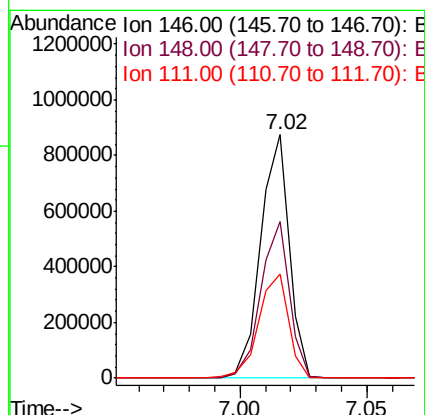
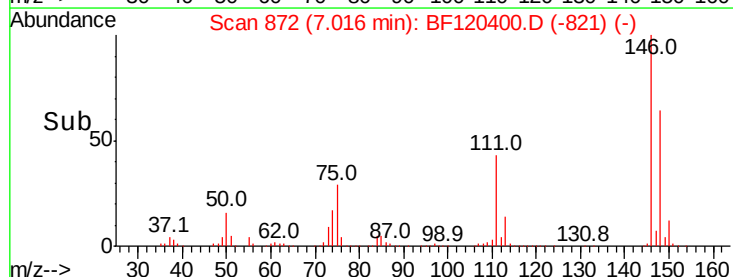
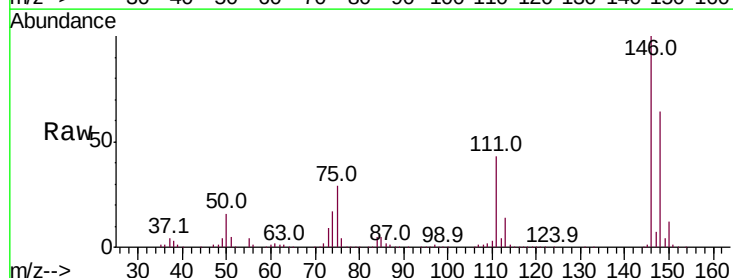
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

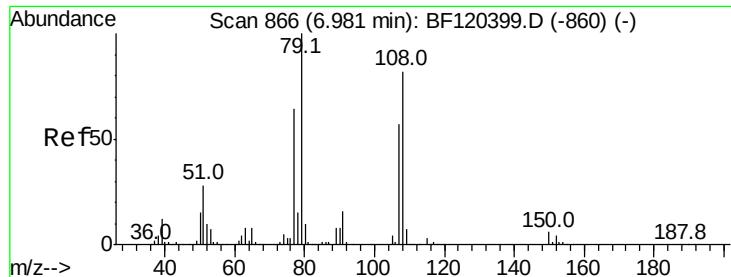
Tot Ion:146 Resp: 747595
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 43.0 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 47.051 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:146 Resp: 693957
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 42.5 33.9 50.9





#15

Benzyl Alcohol

Concen: 50.010 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

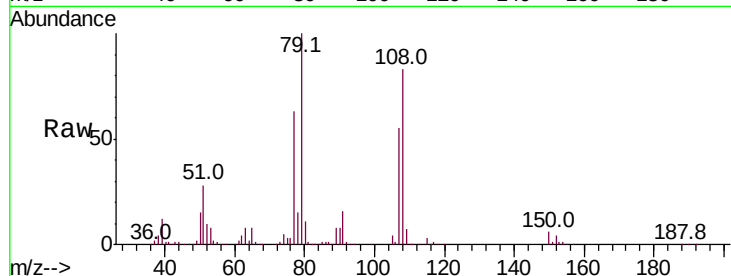
Tot Ion: 79 Resp: 572653

Ion Ratio Lower Upper

79 100

108 82.5 65.8 98.8

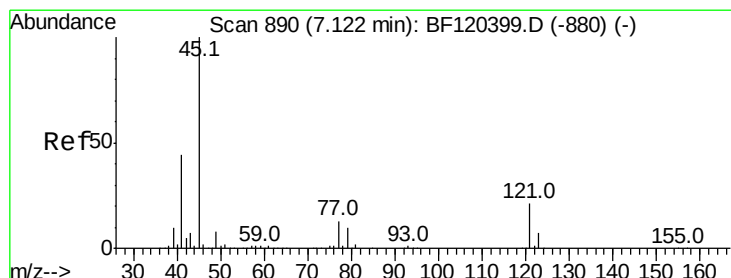
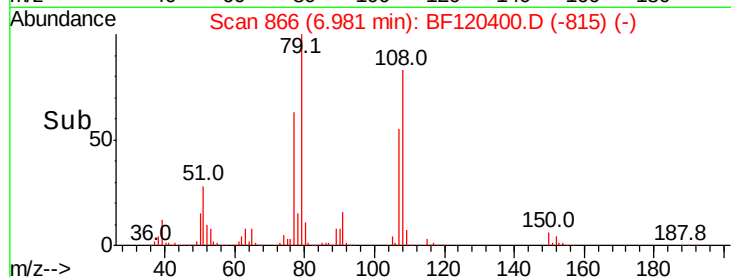
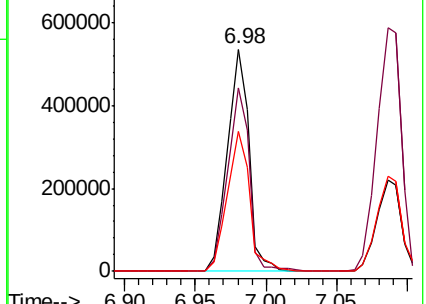
77 63.2 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.243 ng

RT: 7.12 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

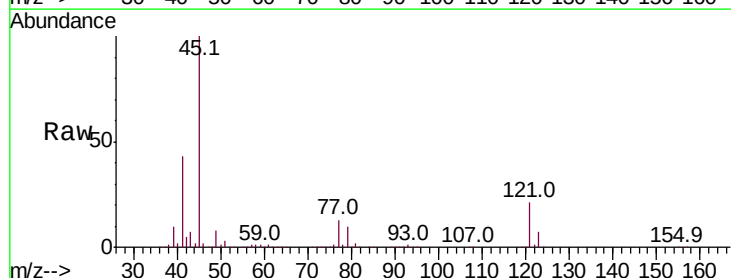
Tgt Ion: 45 Resp: 1071622

Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.5

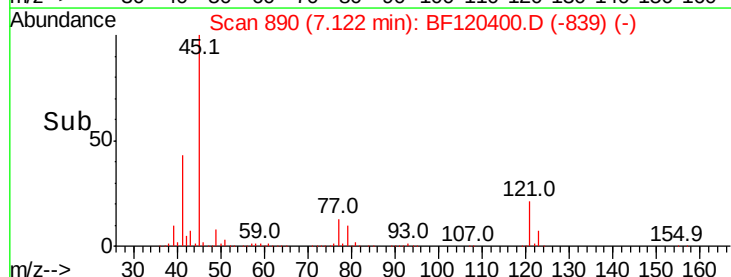
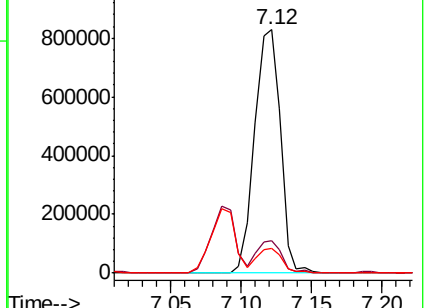
79 10.3 0.0 30.3

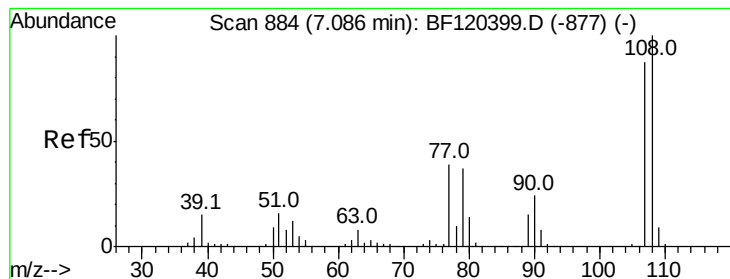


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

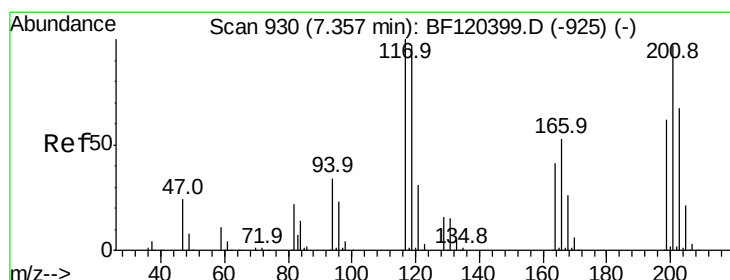
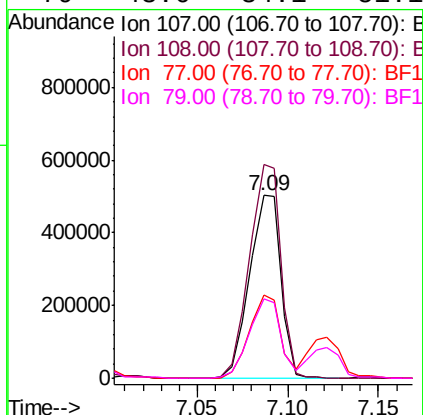
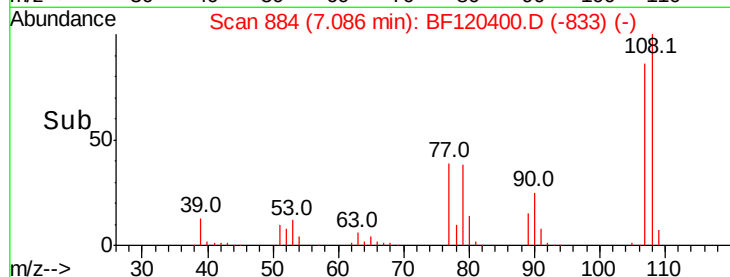
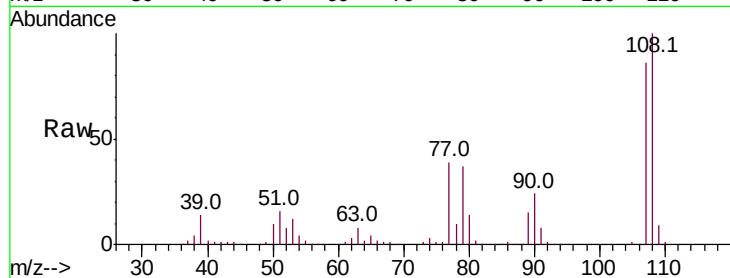




#17
2-Methylphenol
Concen: 48.048 ng
RT: 7.09 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

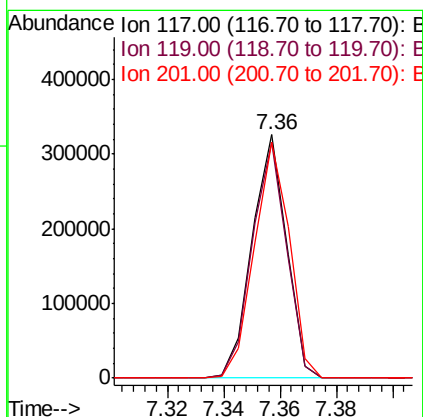
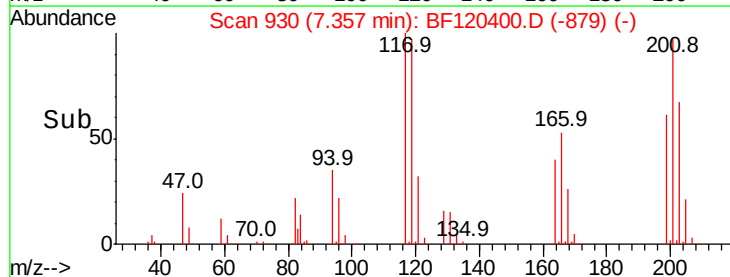
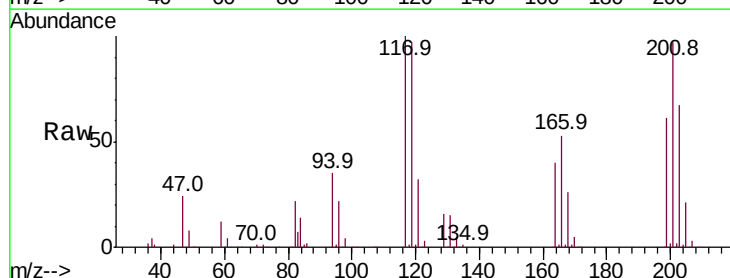
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

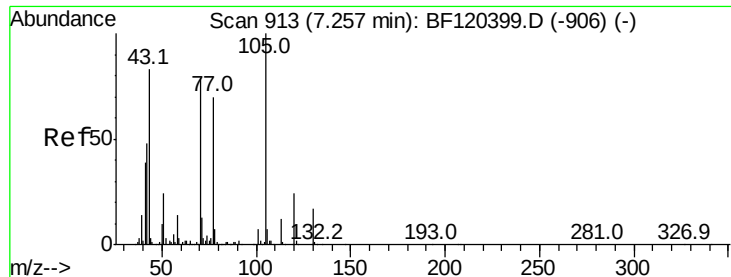
Tot Ion:	107	Resp:	602787
Ion	Ratio	Lower	Upper
107	100		
108	116.9	92.3	138.5
77	45.5	35.7	53.5
79	43.6	34.1	51.1



#18
Hexachloroethane
Concen: 44.236 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion:	117	Resp:	276005
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.2
201	97.0	77.7	116.5

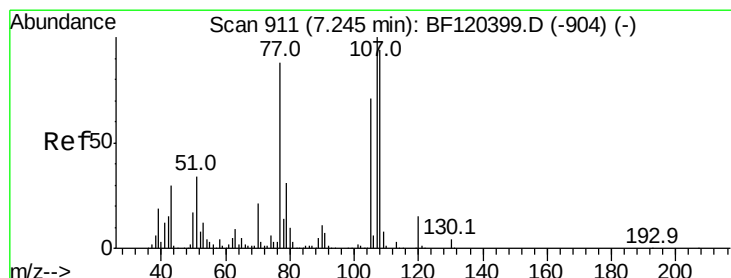
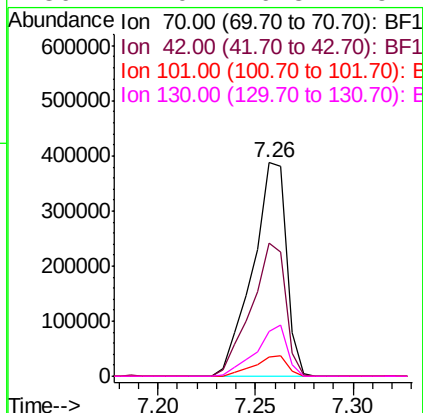
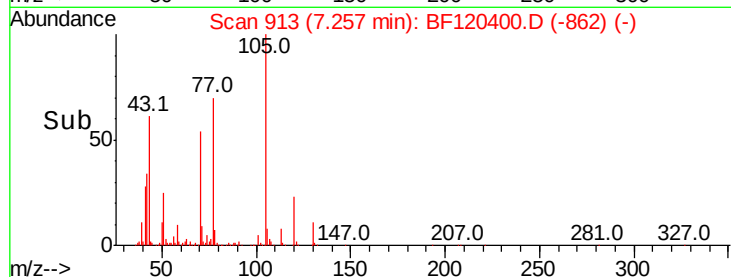
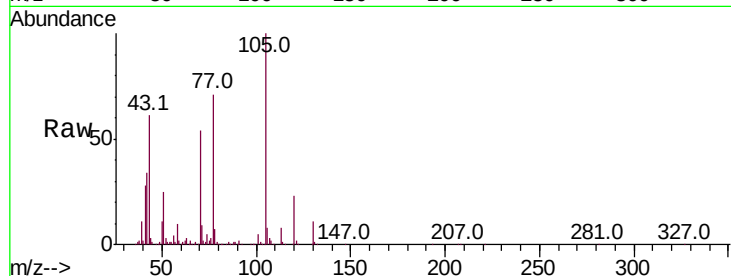




#19
n-Nitroso-di-n-propylamine
Concen: 44.167 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

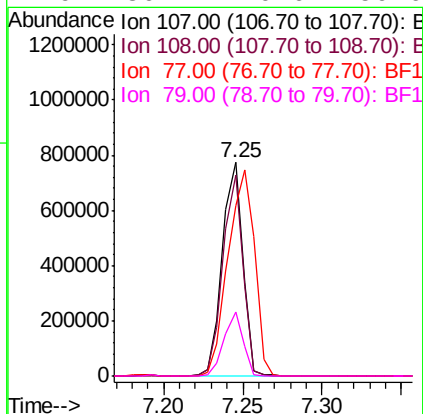
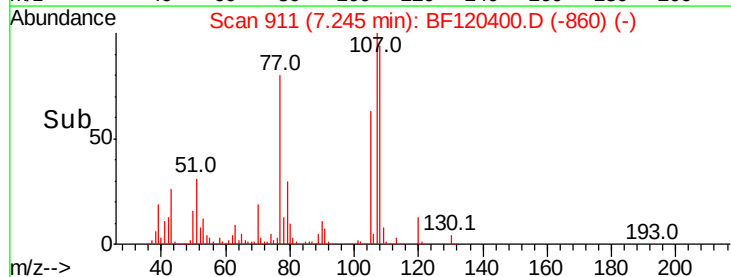
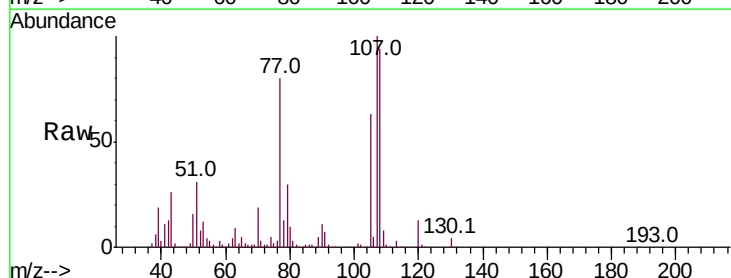
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

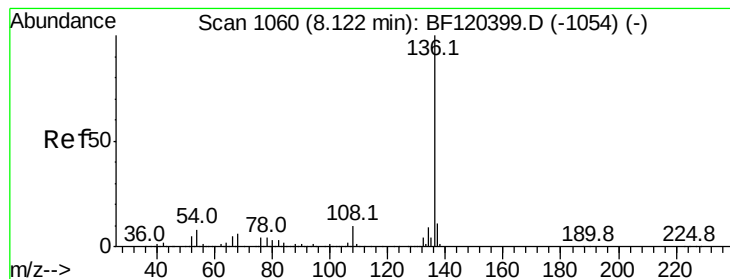
Tot Ion: 70 Resp: 466384
Ion Ratio Lower Upper
70 100
42 62.3 48.9 73.3
101 9.2 7.4 11.2
130 21.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 42.582 ng
RT: 7.25 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion: 107 Resp: 694545
Ion Ratio Lower Upper
107 100
108 94.2 74.4 114.4
77 80.0 67.6 107.6
79 30.2 10.6 50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 919115

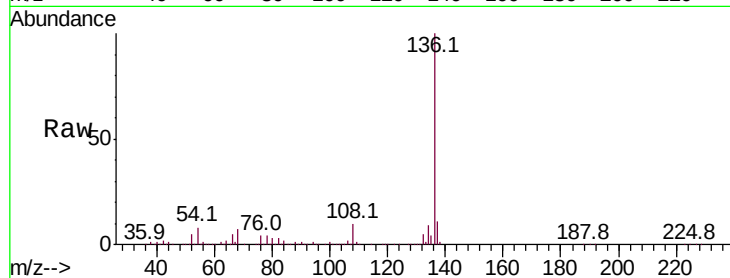
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.4 6.7 10.1

68 6.5 5.0 7.4

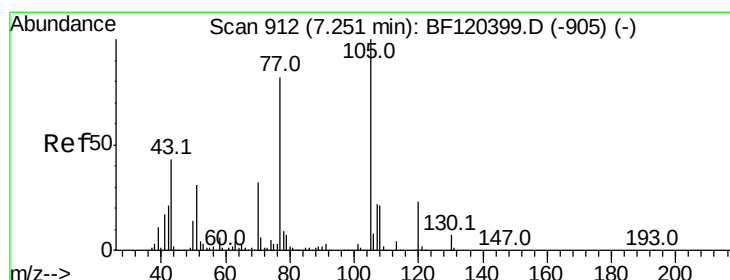
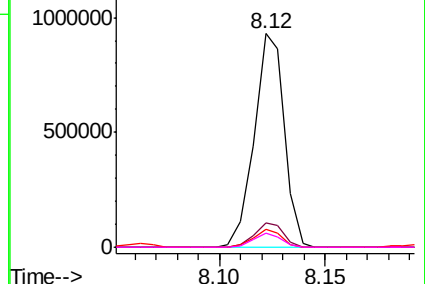
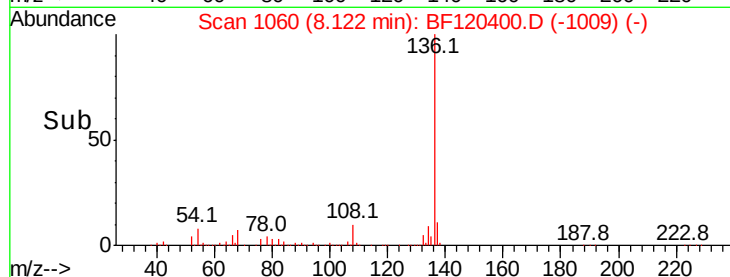


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.136 ng

RT: 7.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Tgt Ion:105 Resp: 868701

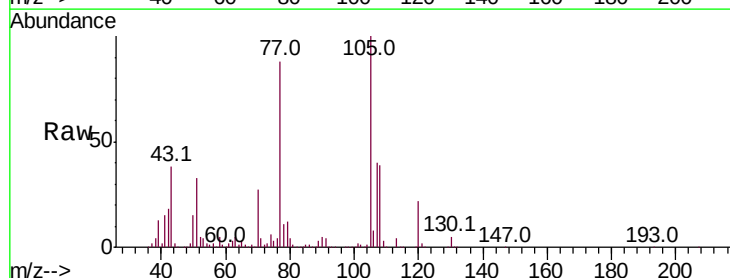
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 33.3 24.5 36.7

120 22.4 18.2 27.2

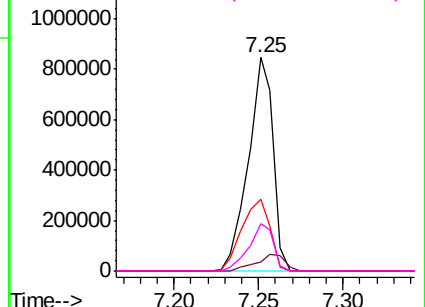
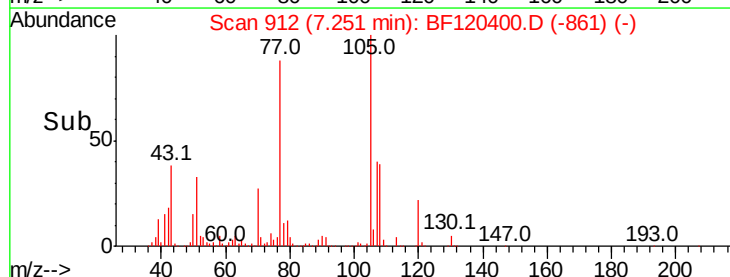


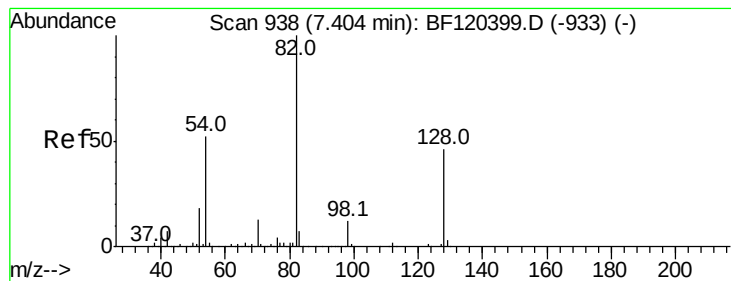
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 99.525 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

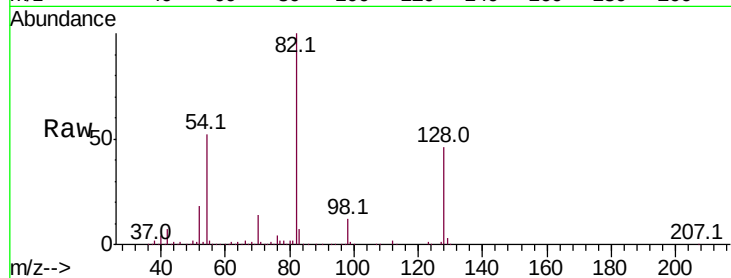
Tot Ion: 82 Resp: 1336047

Ion Ratio Lower Upper

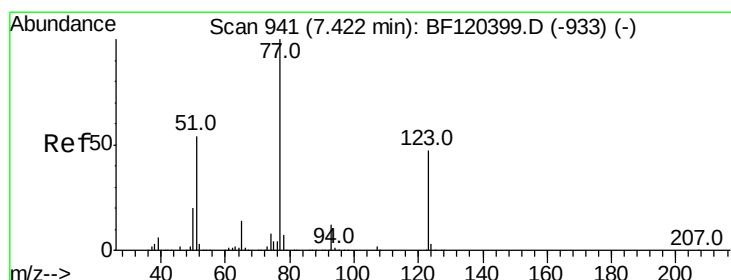
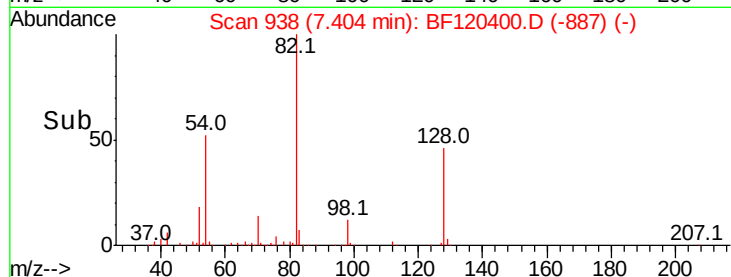
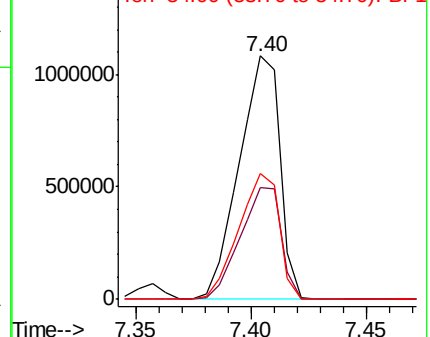
82 100

128 45.8 36.8 55.2

54 51.9 41.6 62.4



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



#24

Nitrobenzene

Concen: 49.865 ng

RT: 7.42 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

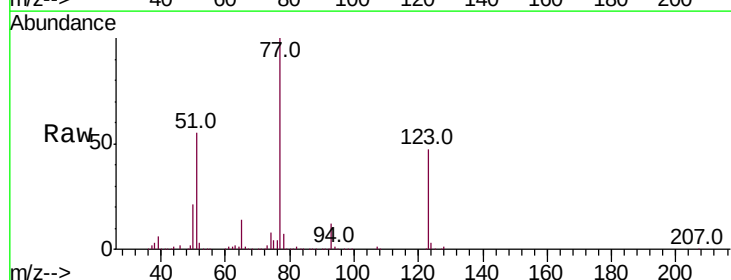
Tgt Ion: 77 Resp: 720416

Ion Ratio Lower Upper

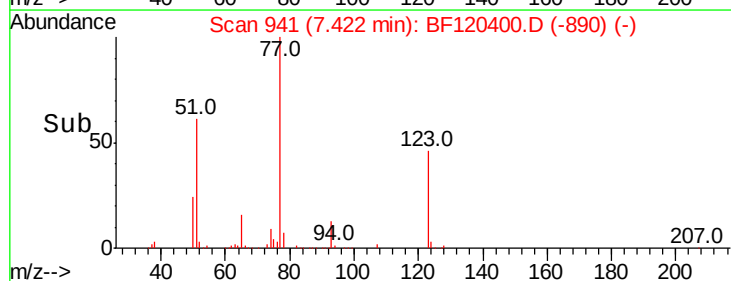
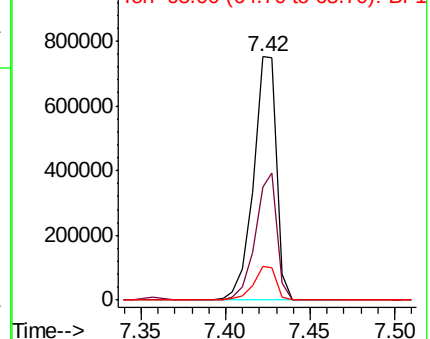
77 100

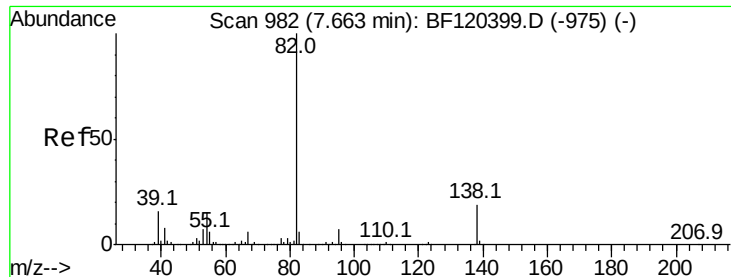
123 46.7 37.8 56.6

65 13.9 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.930 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

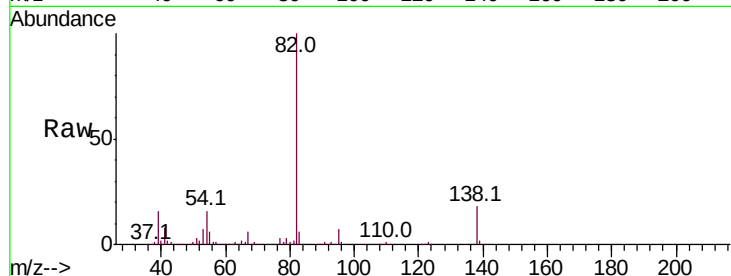
Tot Ion: 82 Resp: 1310846

Ion Ratio Lower Upper

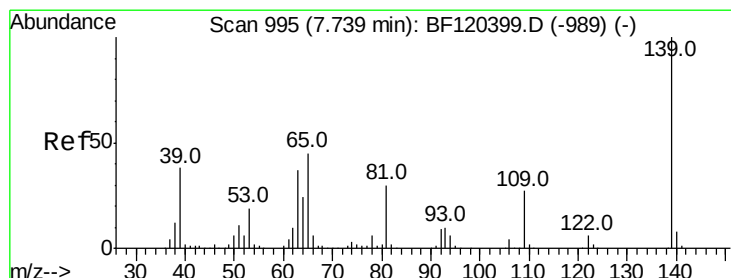
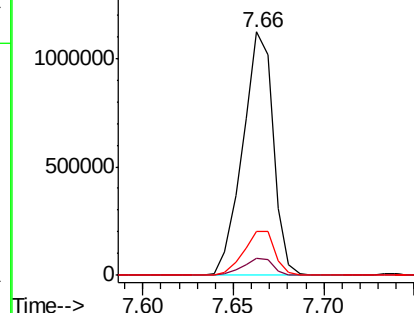
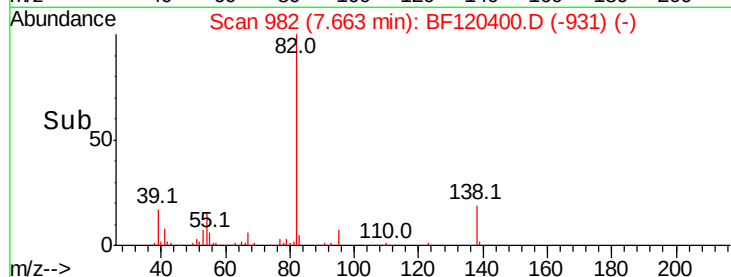
82 100

95 6.8 5.6 8.4

138 18.3 15.0 22.4



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): E



#26

2-Nitrophenol

Concen: 44.159 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

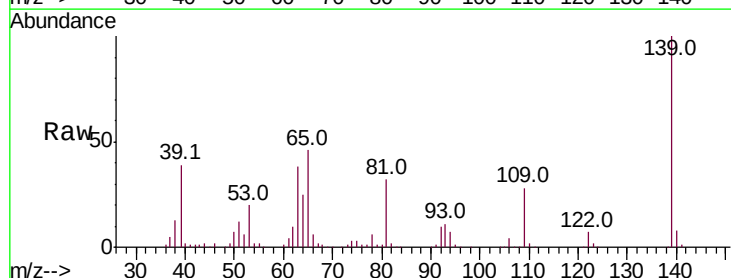
Tgt Ion:139 Resp: 333668

Ion Ratio Lower Upper

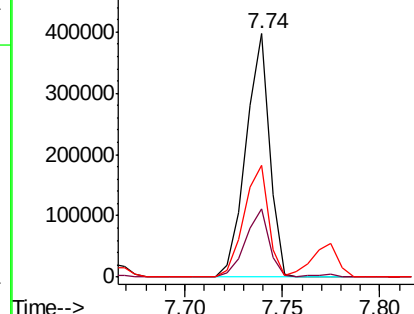
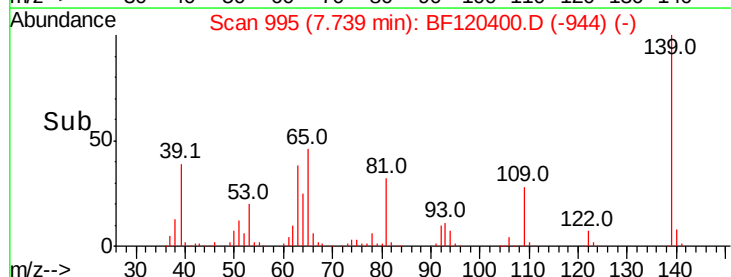
139 100

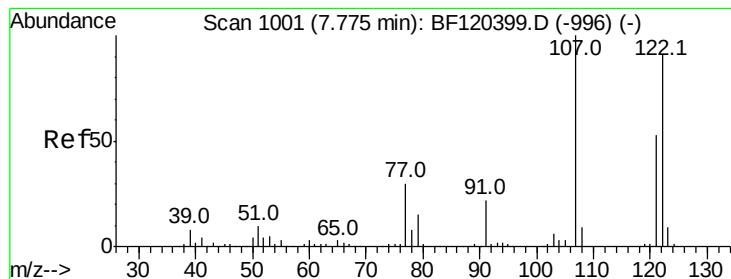
109 27.8 21.2 31.8

65 46.1 35.8 53.6



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: 51.977 ng

RT: 7.77 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

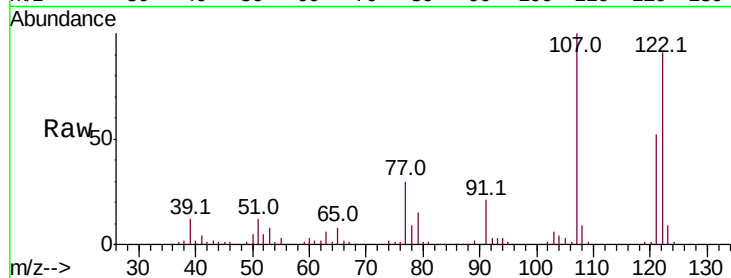
Tot Ion:122 Resp: 571310

Ion Ratio Lower Upper

122 100

107 109.7 87.3 130.9

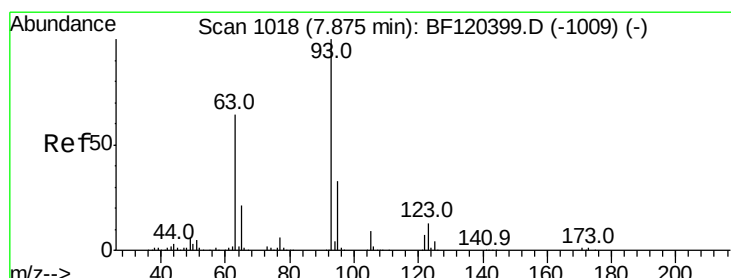
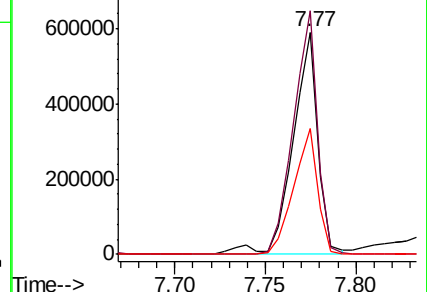
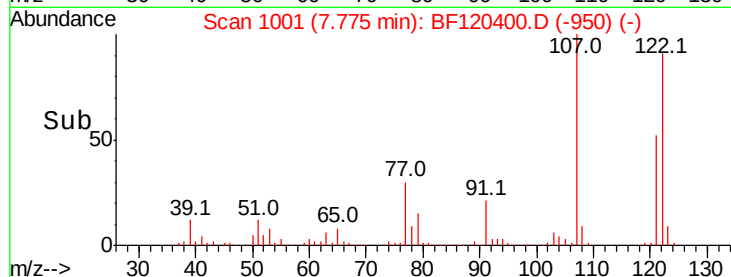
121 56.6 46.2 69.2



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: 45.007 ng

RT: 7.87 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

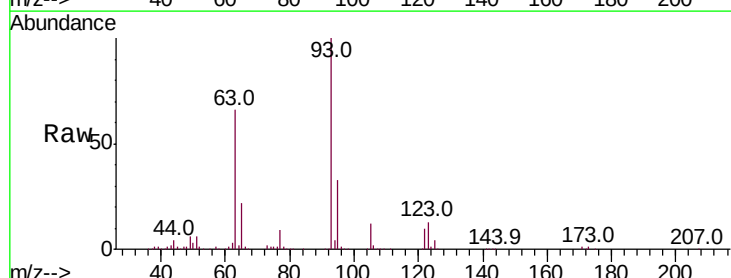
Tgt Ion: 93 Resp: 790165

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

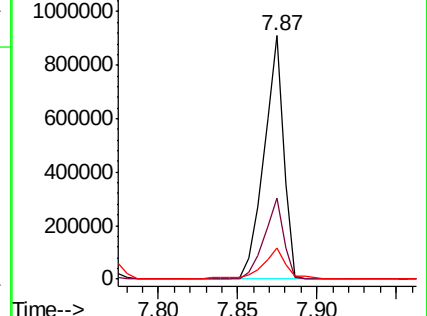
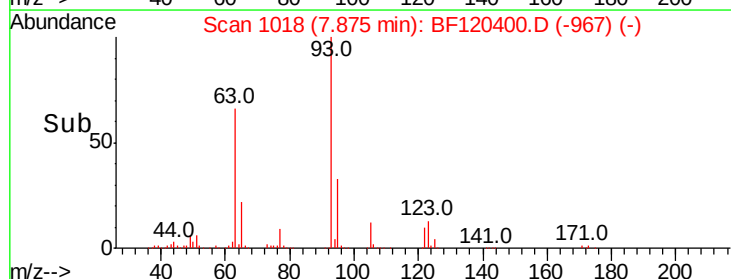
123 12.7 10.3 15.5

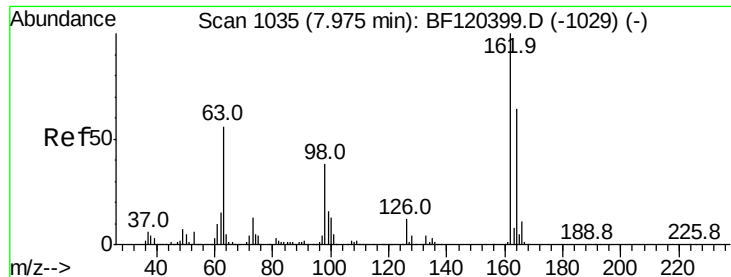


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

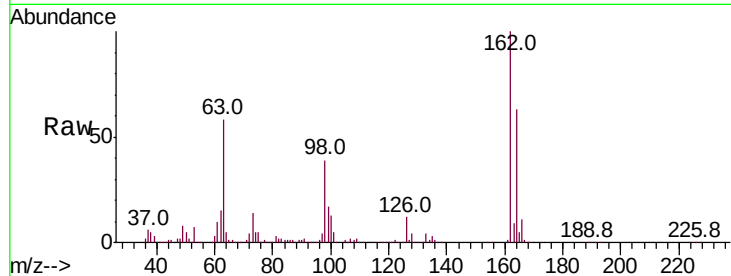




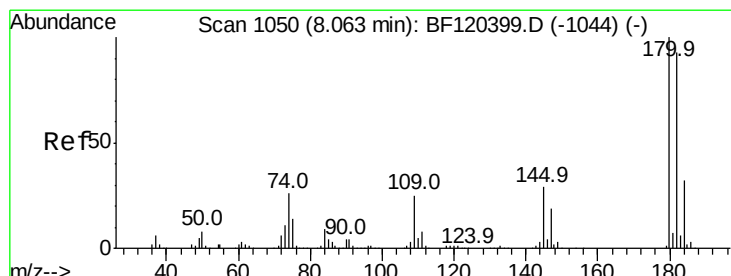
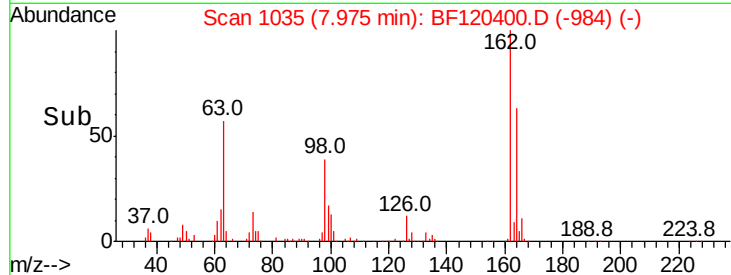
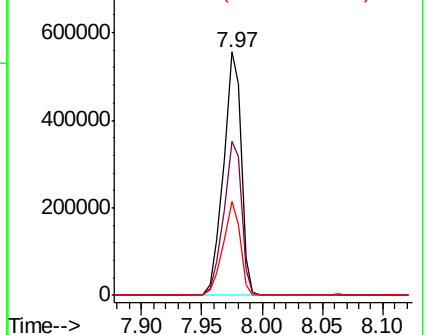
#29
2,4-Dichlorophenol
Concen: 49.991 ng
RT: 7.97 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.9	83.9
98	38.6	17.8	57.8

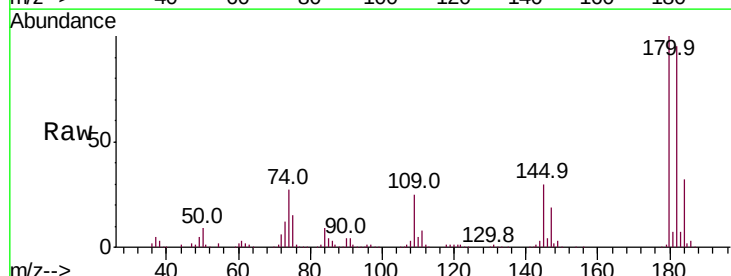


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

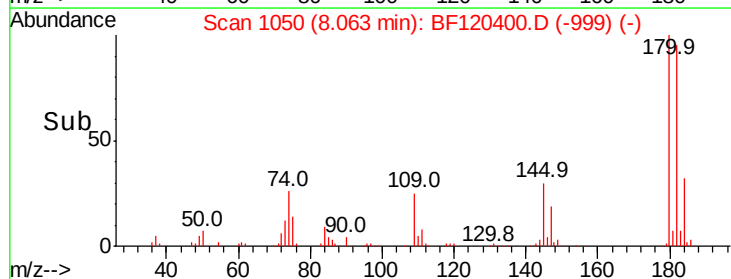
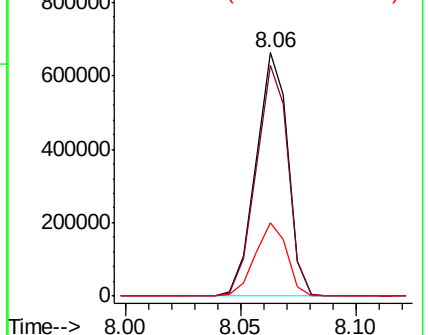


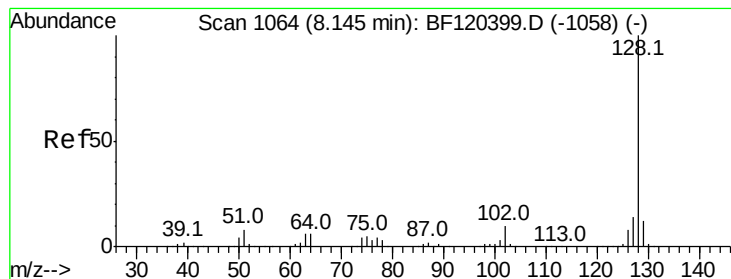
#30
1,2,4-Trichlorobenzene
Concen: 50.802 ng
RT: 8.06 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.6	111.8
145	30.4	23.4	35.2



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





#31

Naphthalene

Concen: 48.937 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

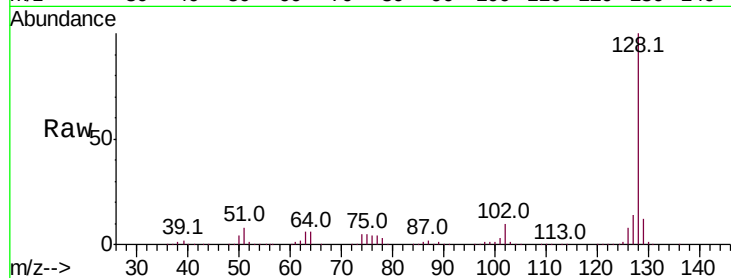
Tot Ion:128 Resp: 1898316

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

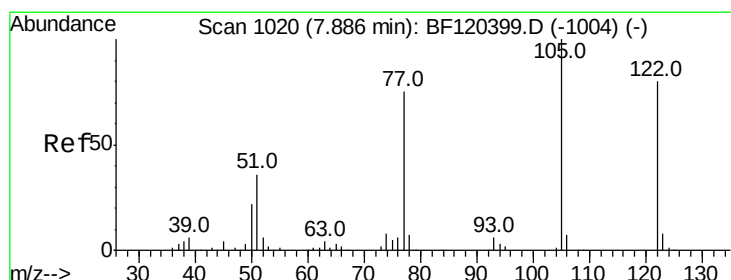
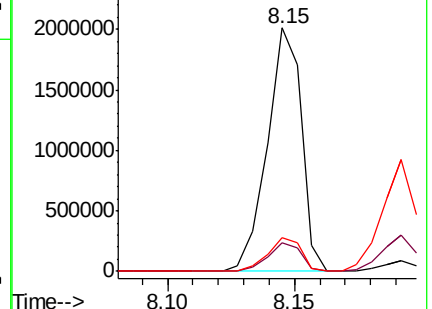
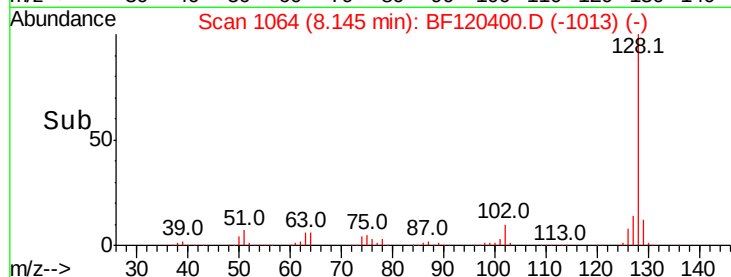
127 13.8 11.0 16.6



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: 61.891 ng

RT: 7.89 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

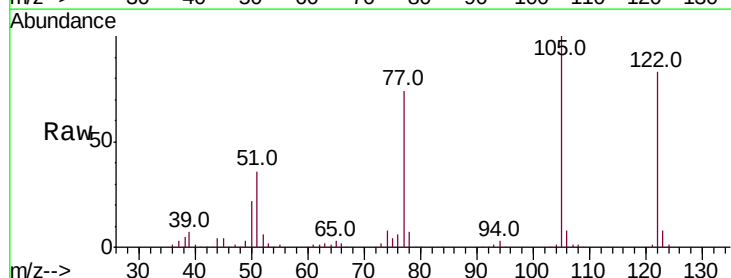
Tgt Ion:122 Resp: 445901

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

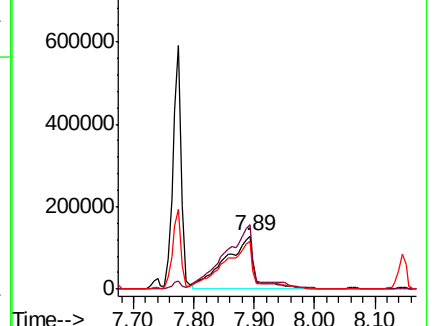
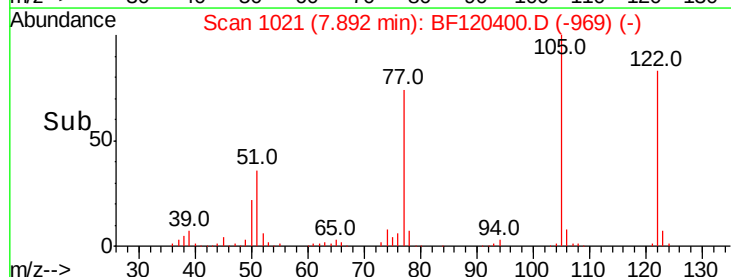
77 89.5 71.9 111.9

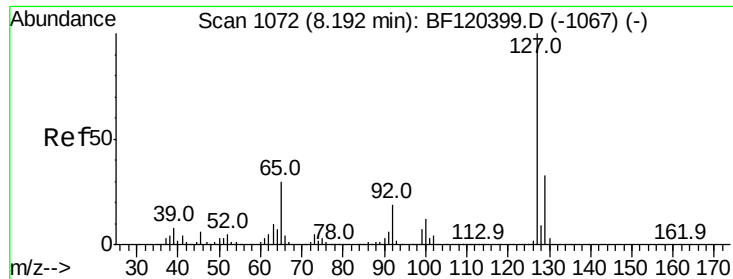


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

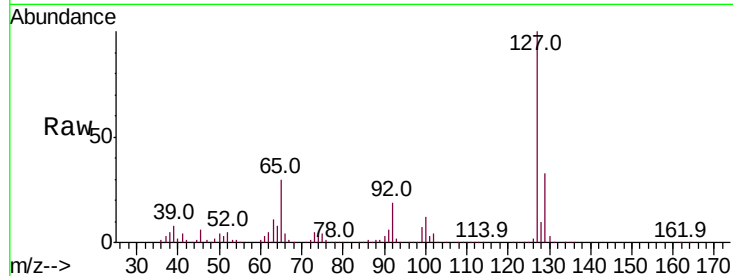




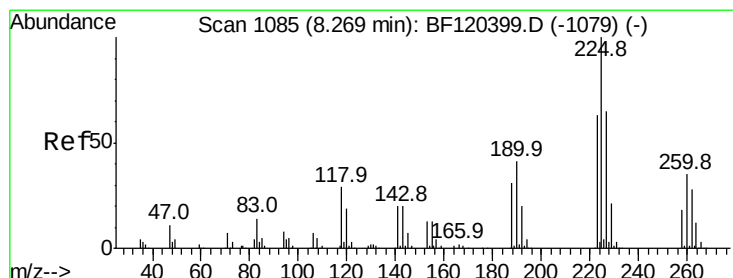
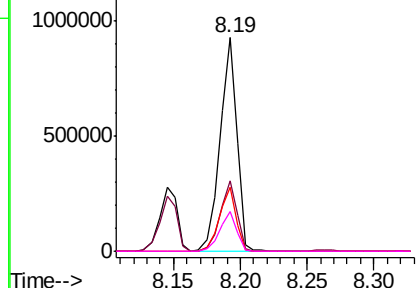
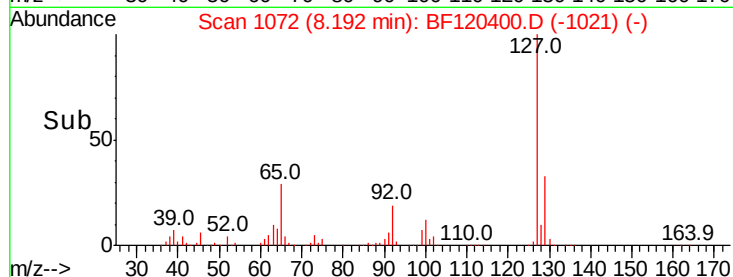
#33
4-Chloroaniline
Concen: 46.764 ng
RT: 8.19 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:	127	Resp:	826691
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	29.7	23.7	35.5
92	18.6	15.0	22.4

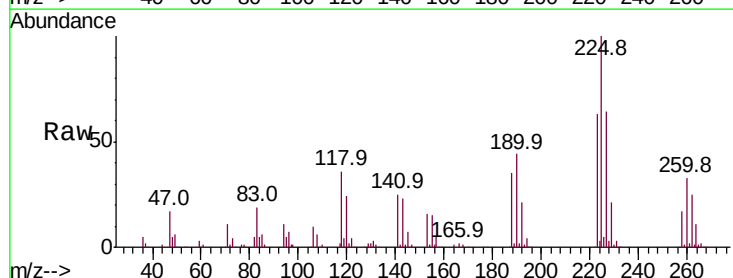


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

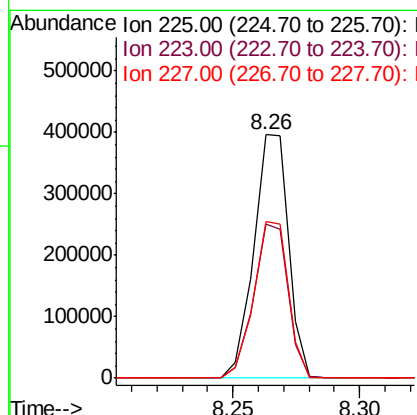
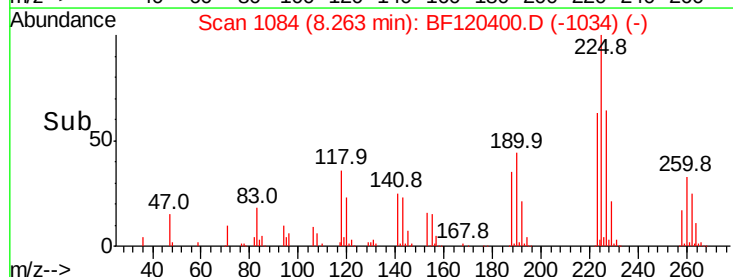


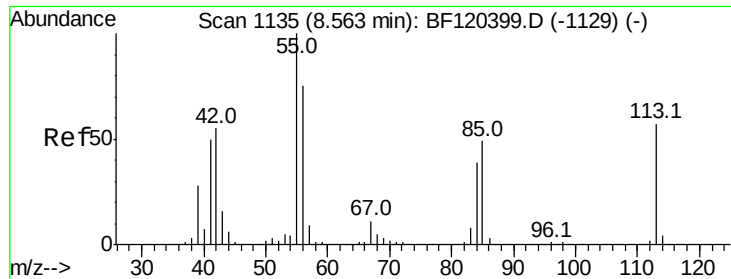
#34
Hexachlorobutadiene
Concen: 52.431 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion:	225	Resp:	379102
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	64.1	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

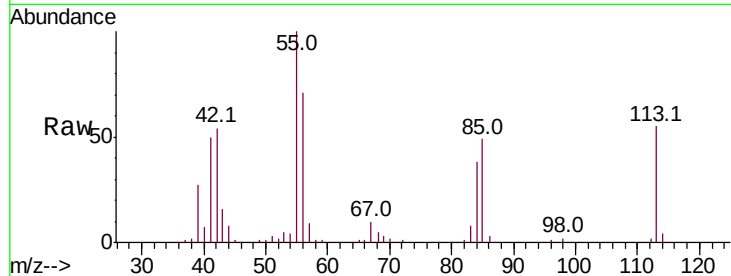




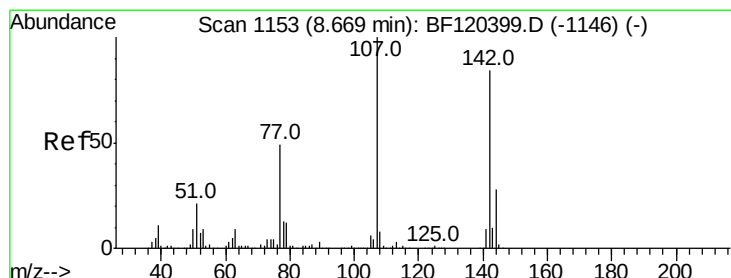
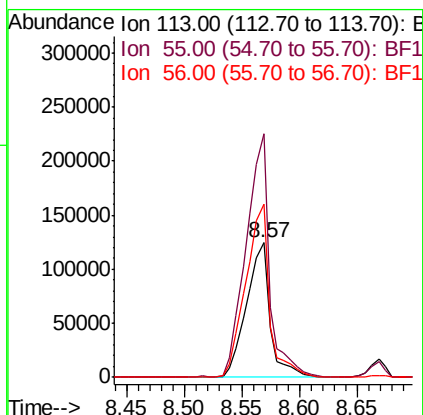
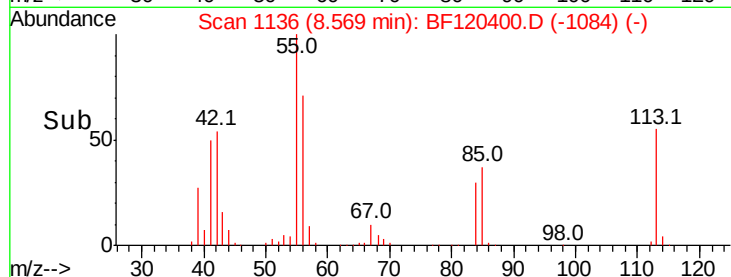
#35
 Caprolactam
 Concen: 48.059 ng
 RT: 8.57 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:113 Resp: 177490
 Ion Ratio Lower Upper
 113 100
 55 180.8 154.9 194.9
 56 128.5 110.9 150.9

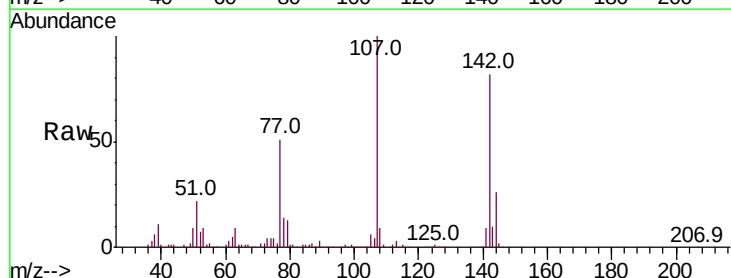


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

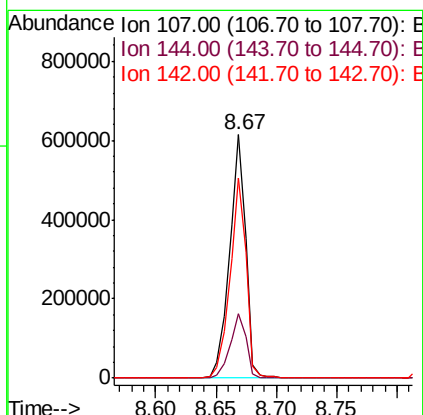
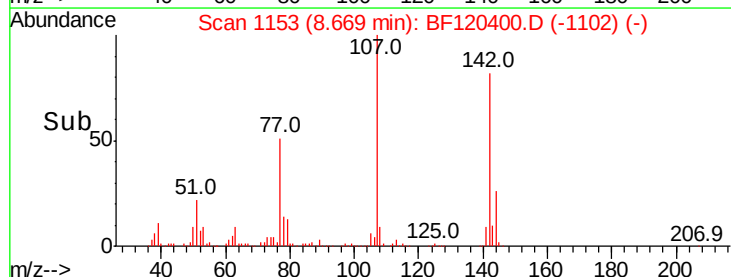


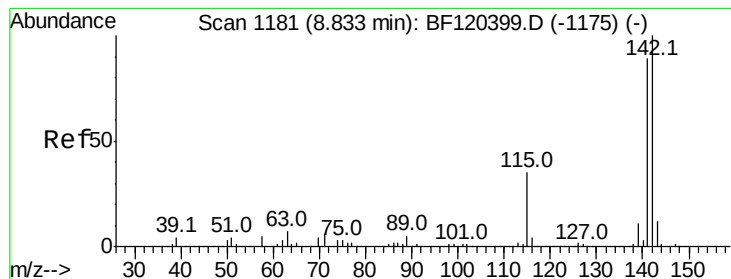
#36
 4-Chloro-3-methylphenol
 Concen: 46.838 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:107 Resp: 571983
 Ion Ratio Lower Upper
 107 100
 144 26.3 22.0 33.0
 142 82.2 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.086 ng

RT: 8.84 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

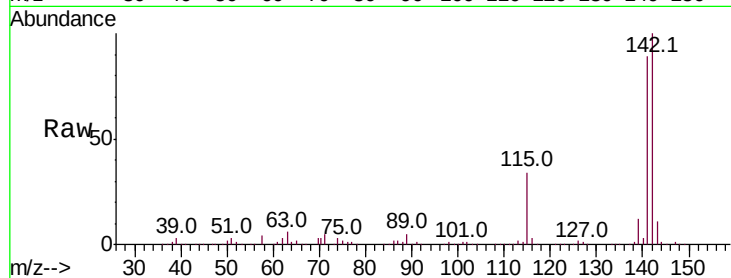
Tot Ion:142 Resp: 1249923

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.0

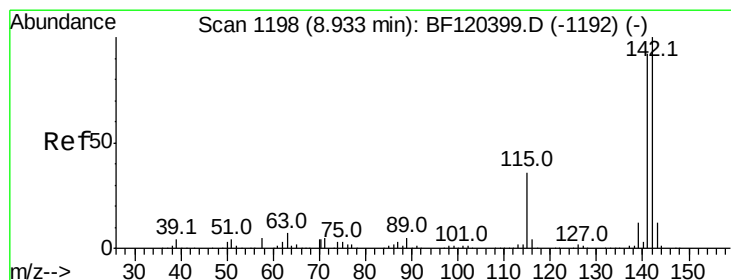
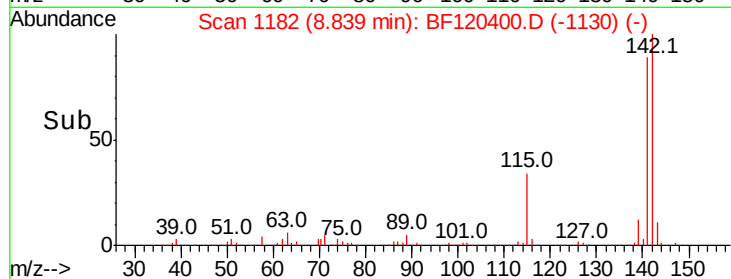
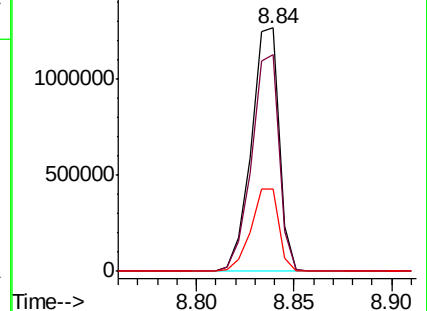
115 33.7 27.8 41.8



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: 45.876 ng

RT: 8.93 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

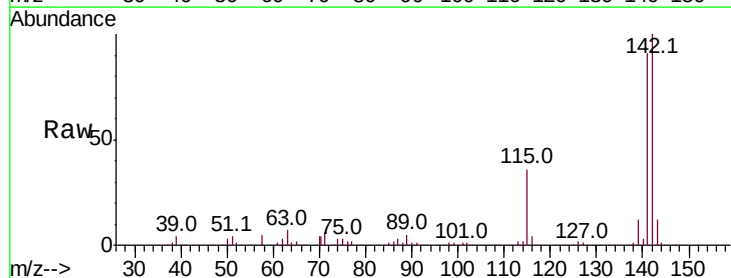
Tgt Ion:142 Resp: 1181133

Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

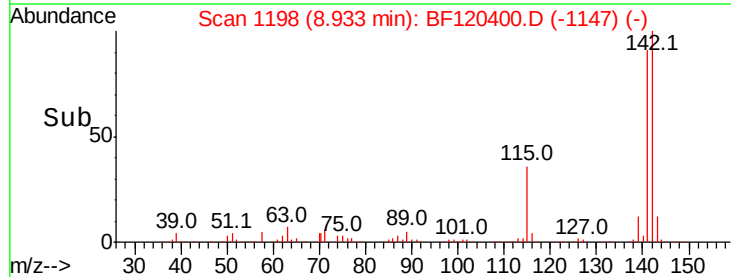
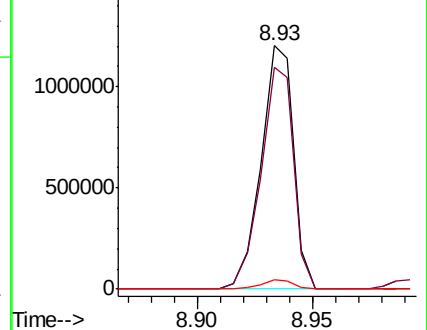
116 3.9 3.1 4.7

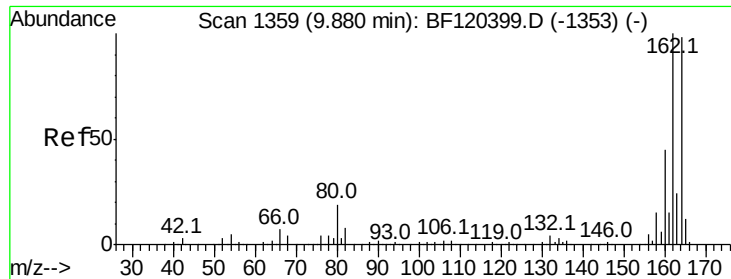


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

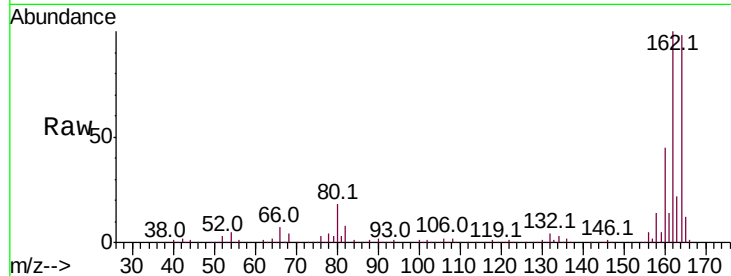




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	45.7	36.9	55.3

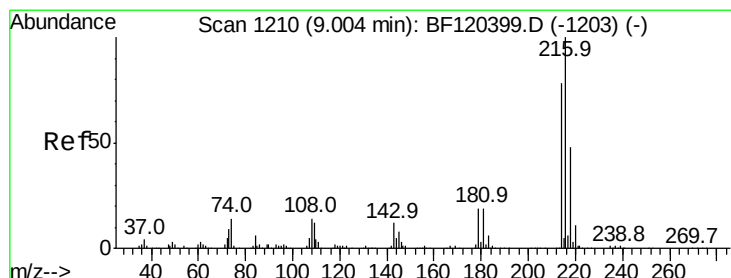
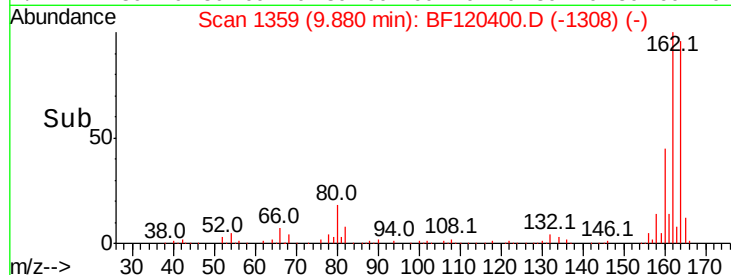
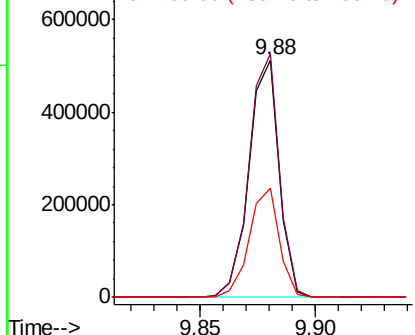


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.333 ng
RT: 9.00 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	20.8	16.5	24.7
108	18.7	15.0	22.4

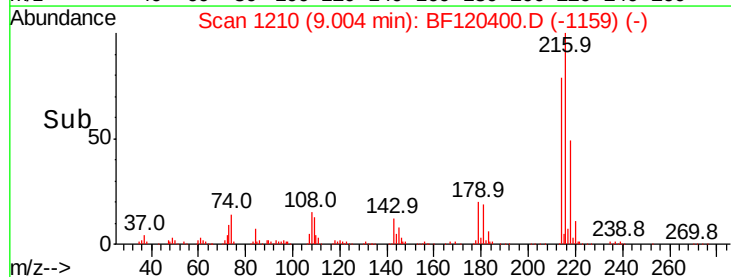
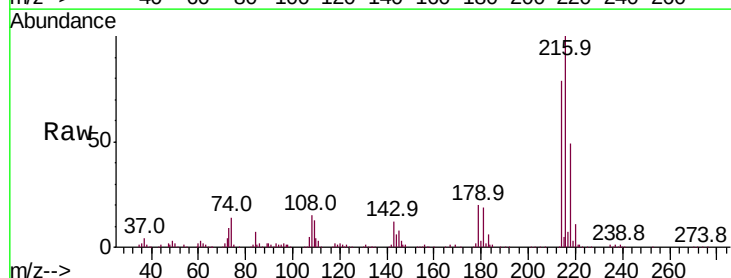
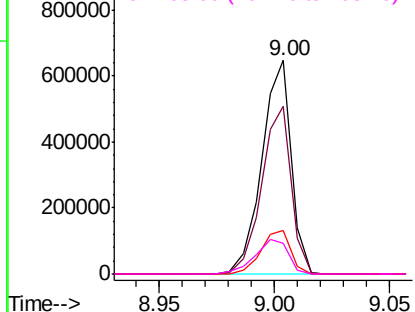
Abundance

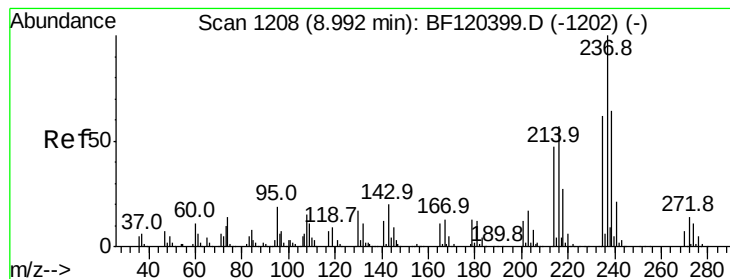
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.794 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

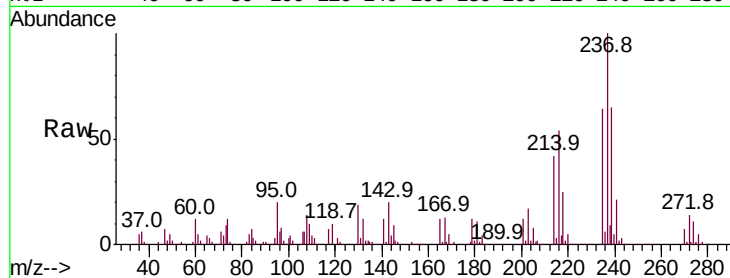
Tot Ion:237 Resp: 329720

Ion Ratio Lower Upper

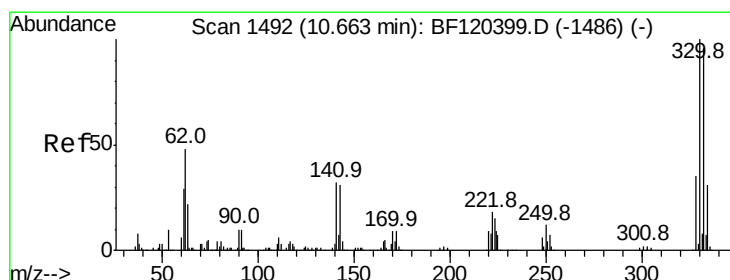
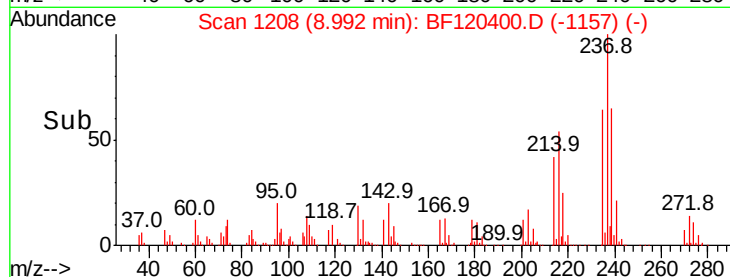
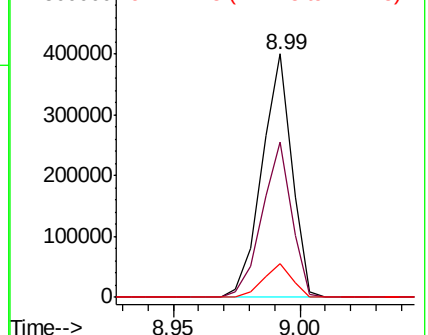
237 100

235 63.8 42.4 82.4

272 13.9 0.0 33.6



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: 107.887 ng

RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

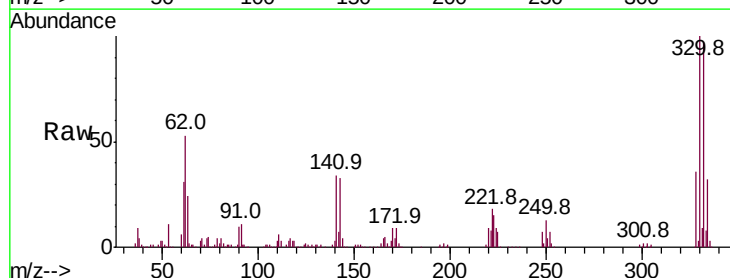
Tgt Ion:330 Resp: 412632

Ion Ratio Lower Upper

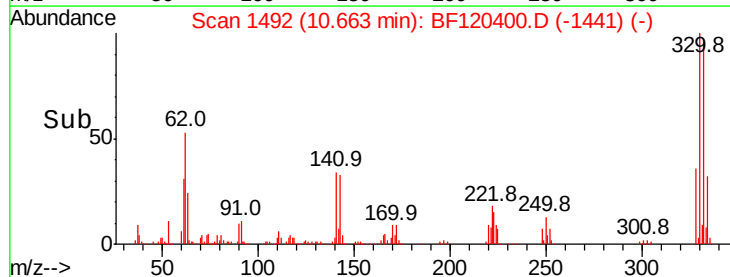
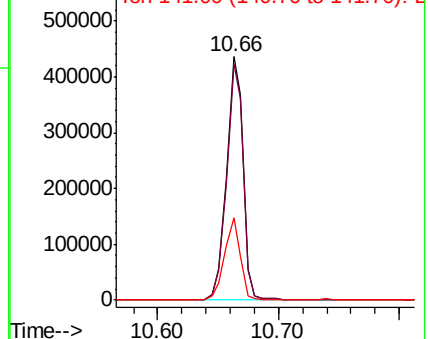
330 100

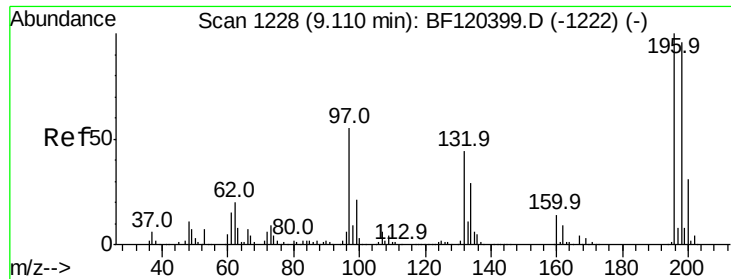
332 97.4 77.0 115.6

141 32.4 25.3 37.9



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

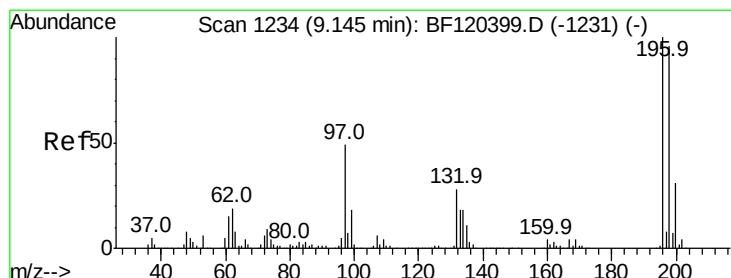
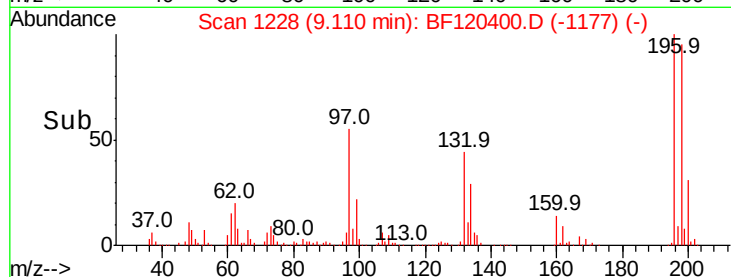
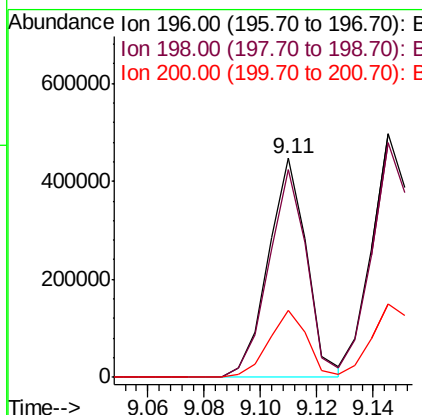
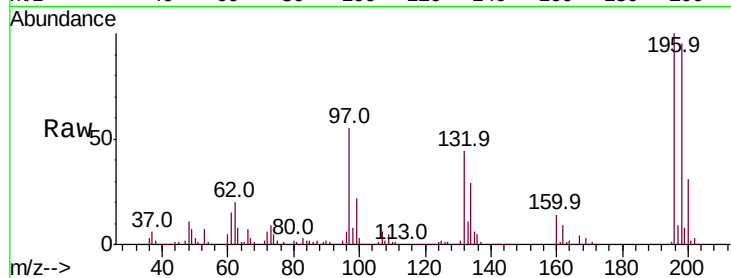




#43
 2,4,6-Trichlorophenol
 Concen: 52.863 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

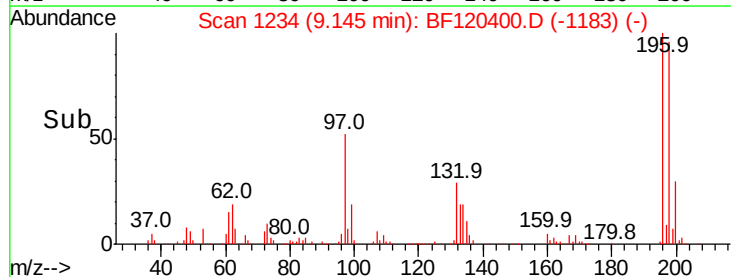
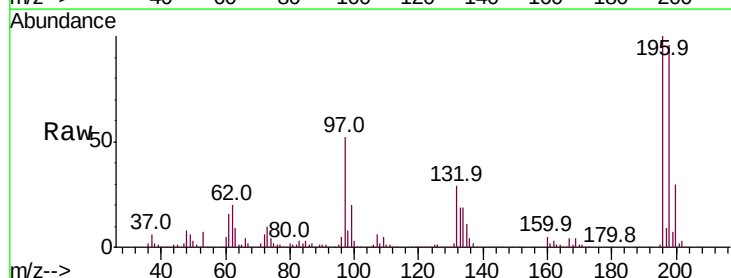
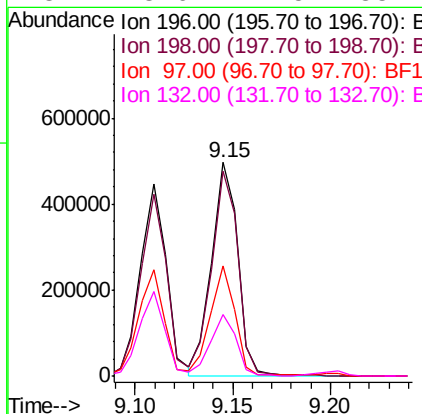
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

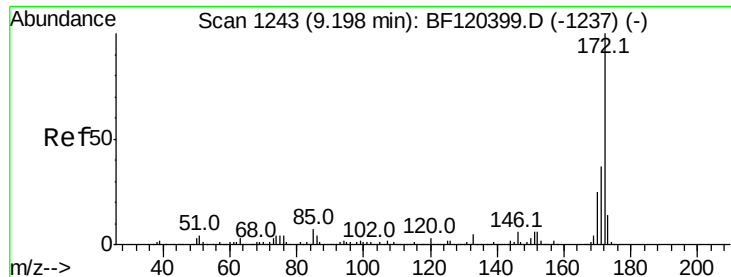
Tot Ion:196 Resp: 419713
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.1 115.7
 200 30.7 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.012 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:196 Resp: 465128
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 97 51.8 39.5 59.3
 132 28.6 22.5 33.7



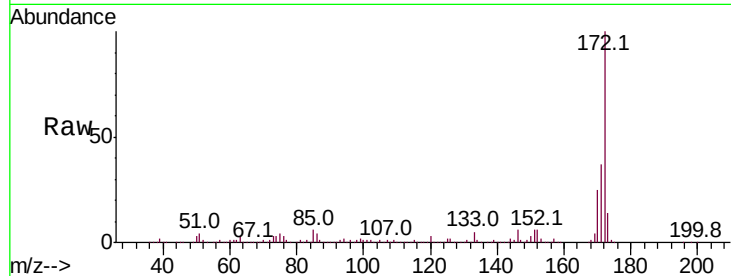


#45
 2-Fluorobiphenyl
 Concen: 102.931 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

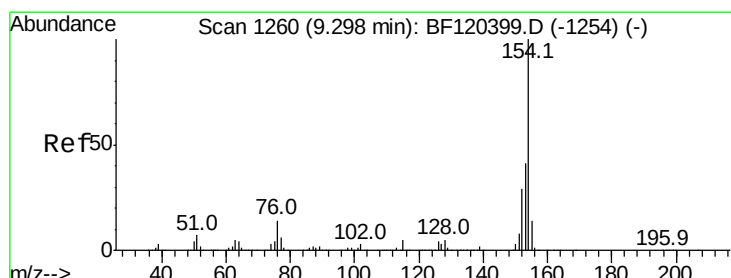
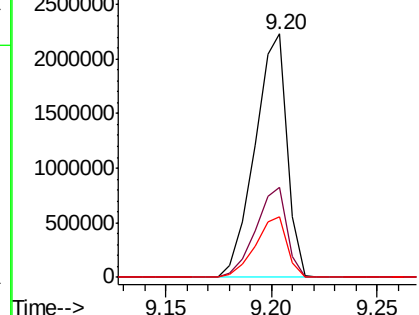
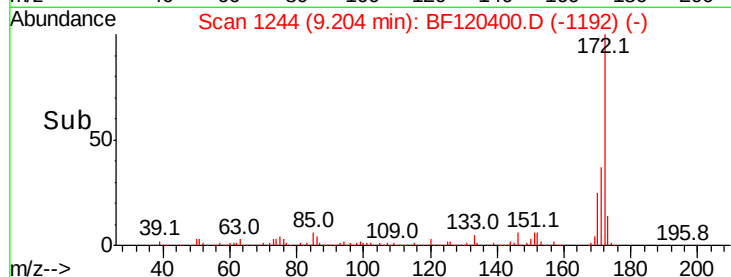
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:172 Resp: 2350157

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.0	19.9	29.9



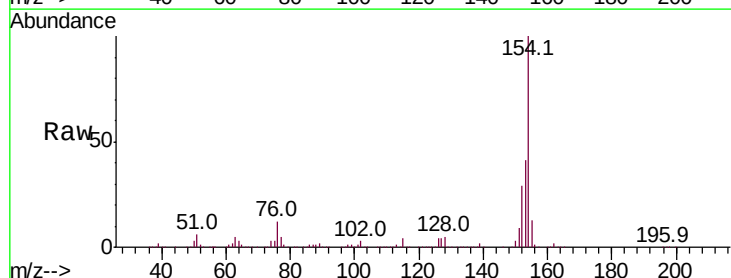
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



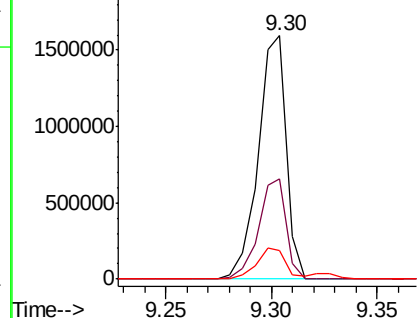
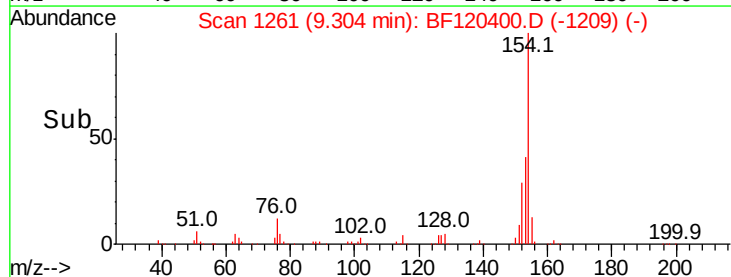
#46
 1,1'-Biphenyl
 Concen: 47.926 ng
 RT: 9.30 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

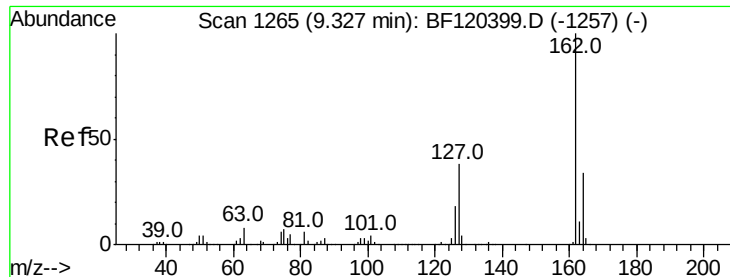
Tgt Ion:154 Resp: 1473016

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	11.8	0.0	33.7



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

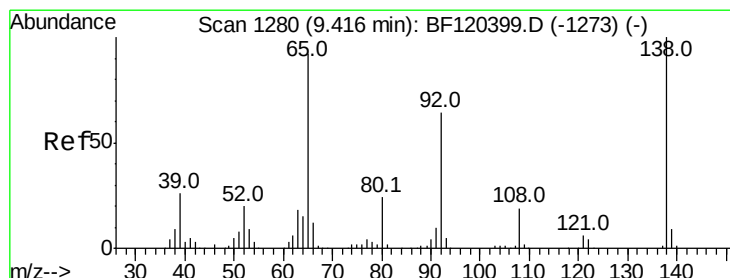
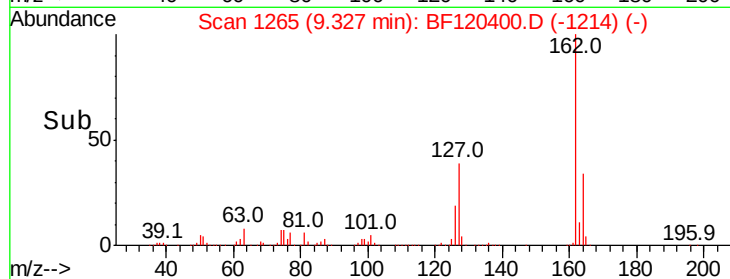
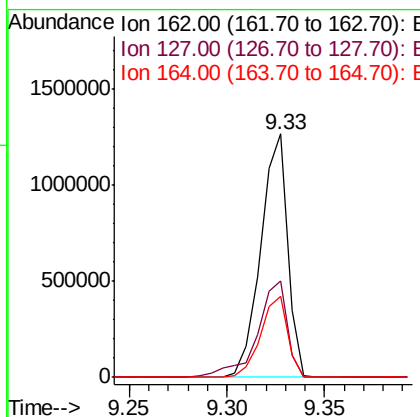
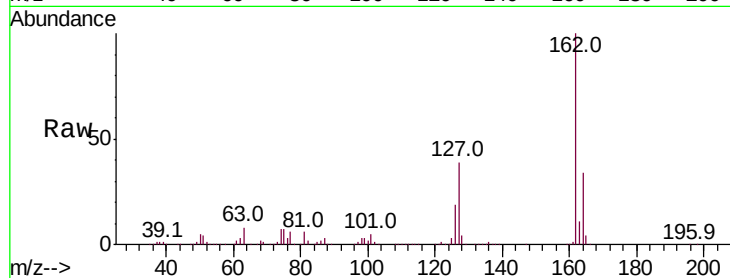




#47
 2-Chloronaphthalene
 Concen: 49.076 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

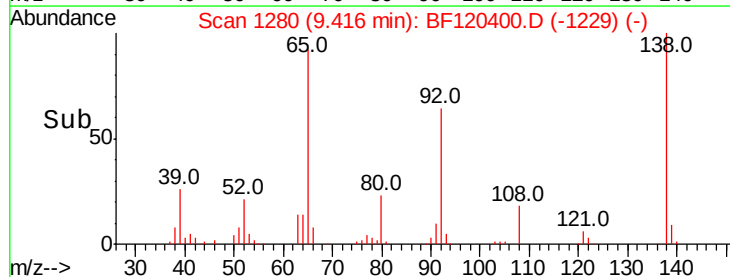
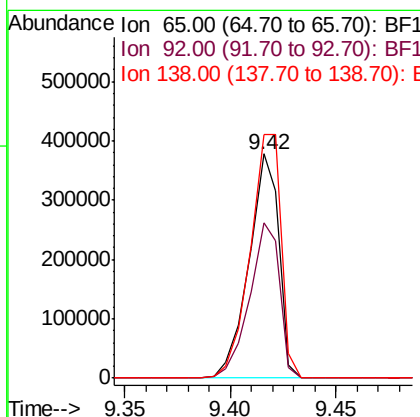
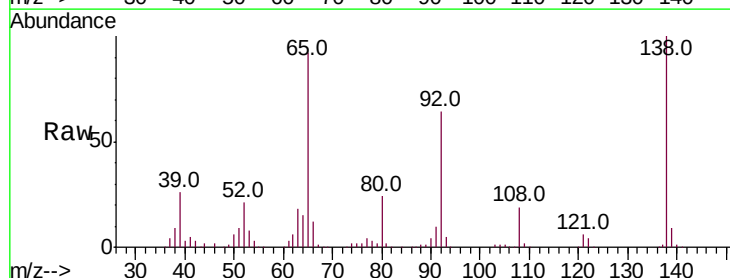
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

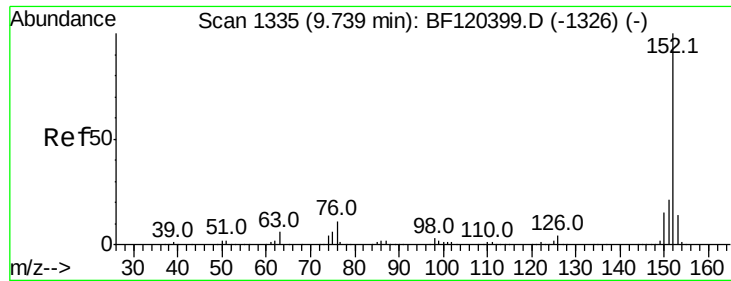
Tot Ion:162 Resp: 1209910
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.6 46.0
 164 33.5 27.1 40.7



#48
 2-Nitroaniline
 Concen: 41.417 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion: 65 Resp: 372560
 Ion Ratio Lower Upper
 65 100
 92 69.2 55.7 83.5
 138 108.6 86.9 130.3





#49

Acenaphthylene

Concen: 49.563 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

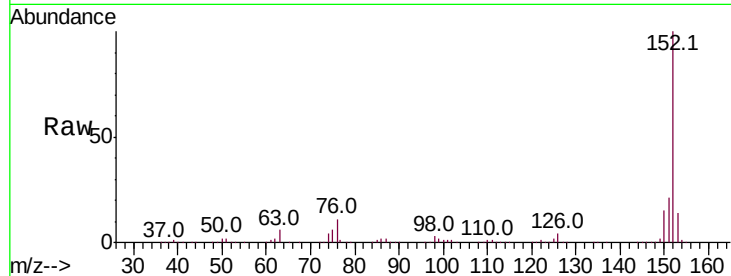
Tot Ion:152 Resp: 1866539

Ion Ratio Lower Upper

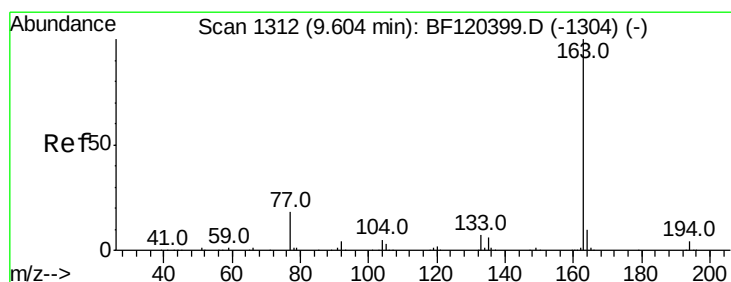
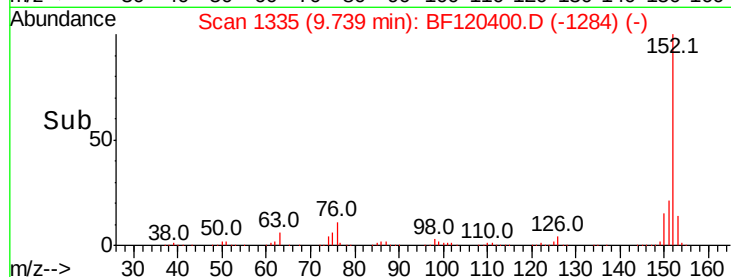
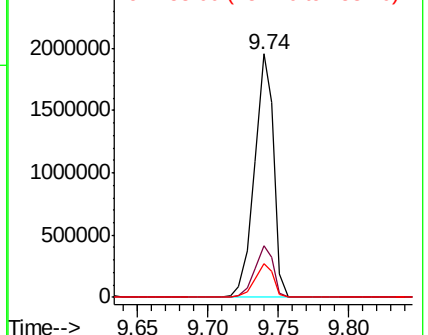
152 100

151 21.1 16.8 25.2

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.939 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

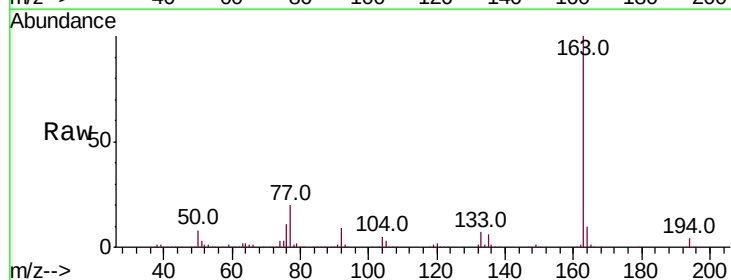
Tgt Ion:163 Resp: 1362236

Ion Ratio Lower Upper

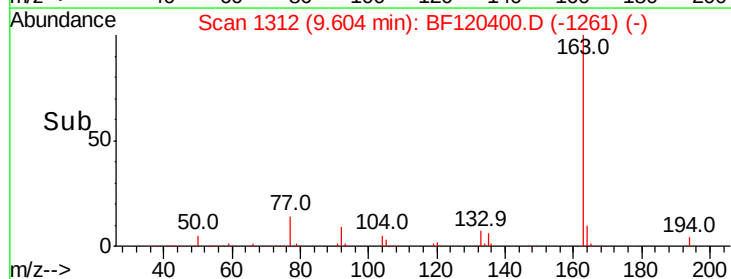
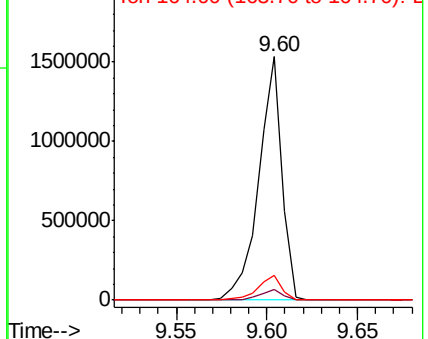
163 100

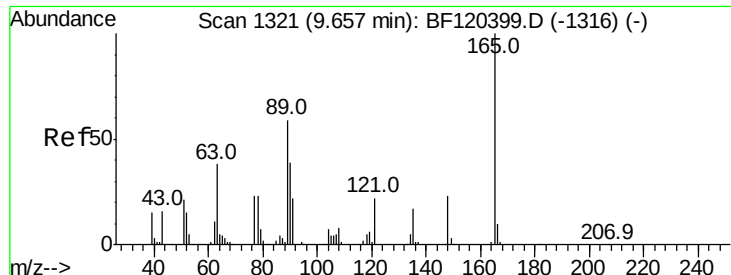
194 4.2 3.3 4.9

164 10.4 8.3 12.5



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

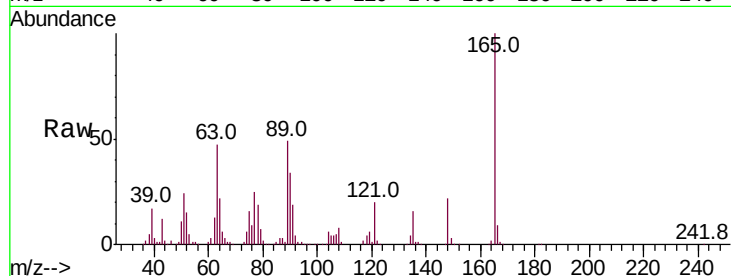




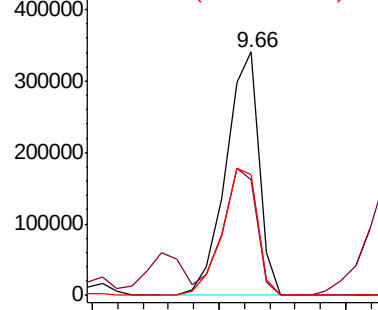
#51
2,6-Dinitrotoluene
Concen: 47.113 ng
RT: 9.66 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

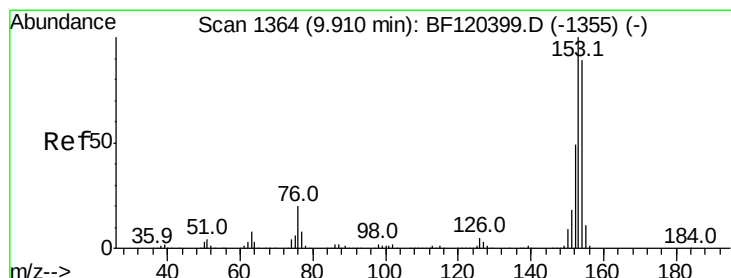
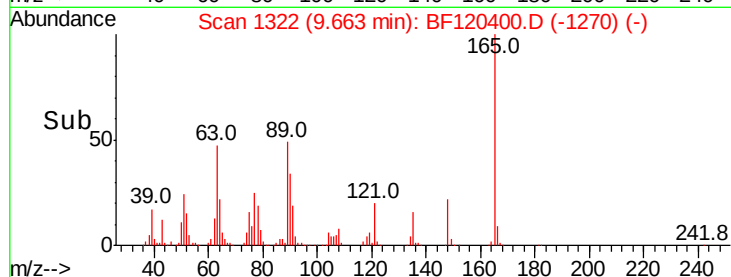
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	46.9	70.3
89	49.4	47.5	71.3



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

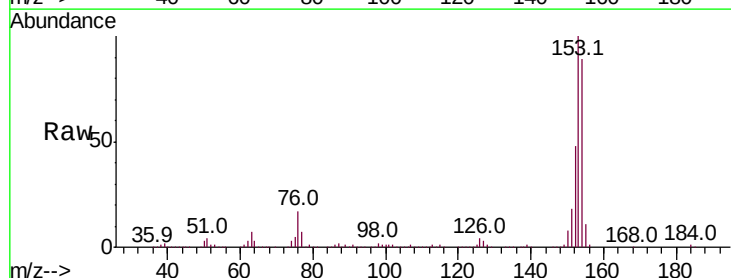


Time--> 9.60 9.65 9.70

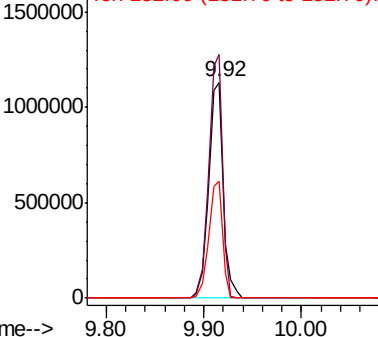


#52
Acenaphthene
Concen: 51.532 ng
RT: 9.92 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

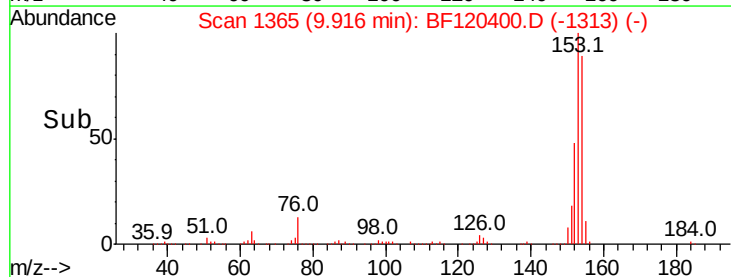
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	54.3	43.9	65.9

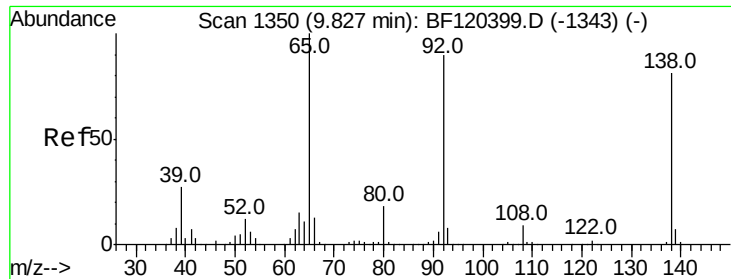


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time--> 9.80 9.90 10.00

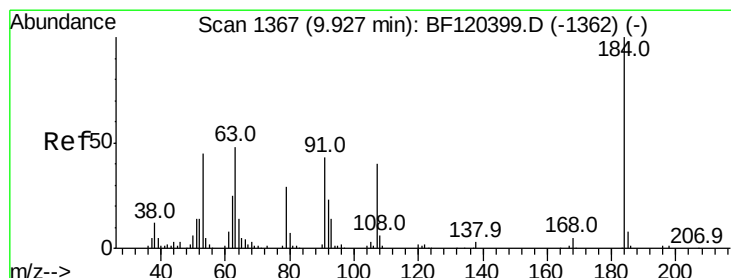
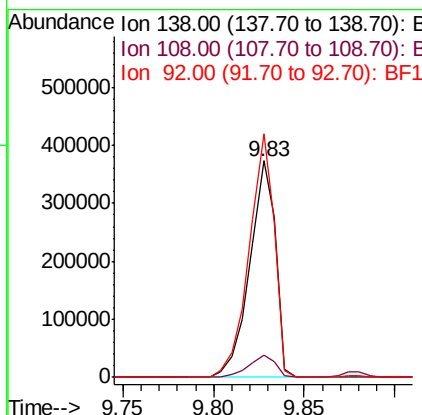
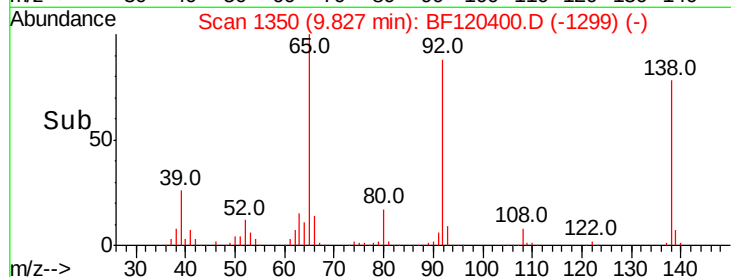
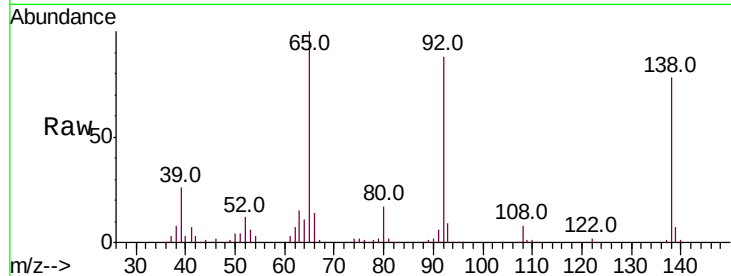




#53
 3-Nitroaniline
 Concen: 46.611 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

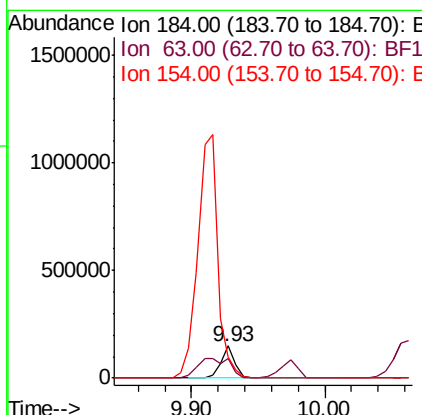
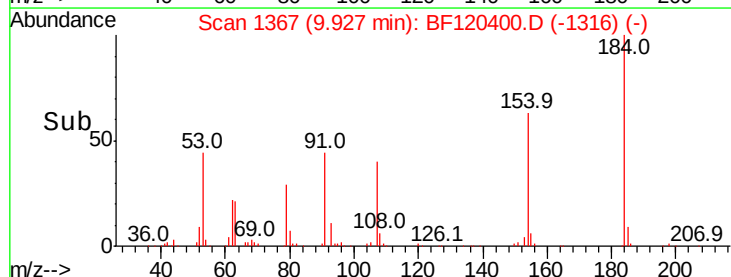
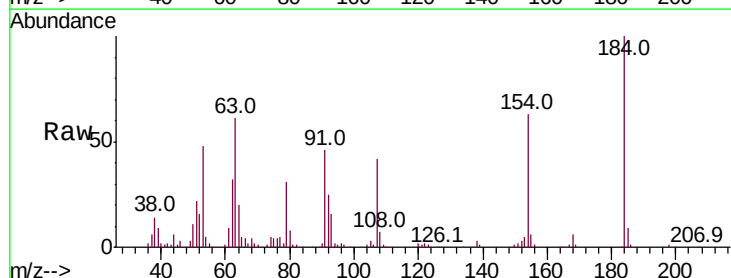
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

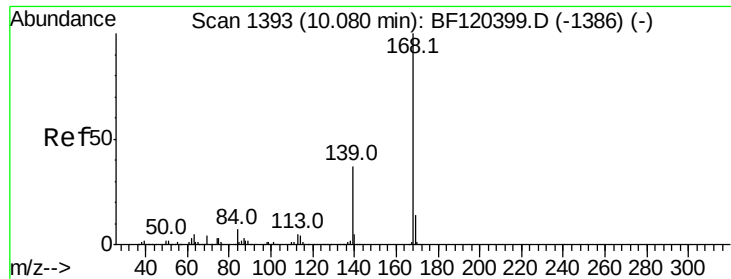
Tot Ion:138 Resp: 367872
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.5 12.7
 92 112.6 89.0 133.4



#54
 2,4-Dinitrophenol
 Concen: 35.738 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:184 Resp: 111647
 Ion Ratio Lower Upper
 184 100
 63 61.3 45.9 68.9
 154 63.2 46.4 69.6





#55

Dibenzofuran

Concen: 51.651 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

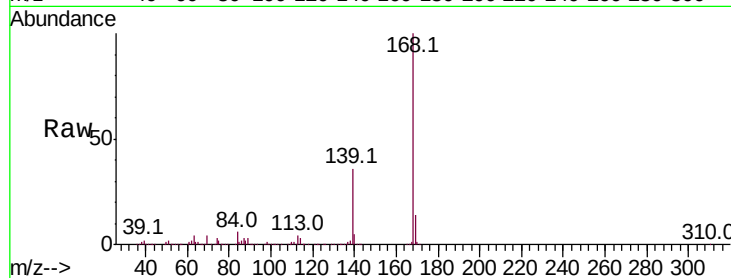
Tot Ion:168 Resp: 1679057

Ion Ratio Lower Upper

168 100

139 35.7 30.0 45.0

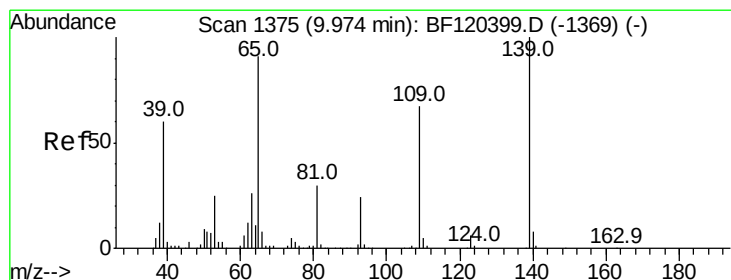
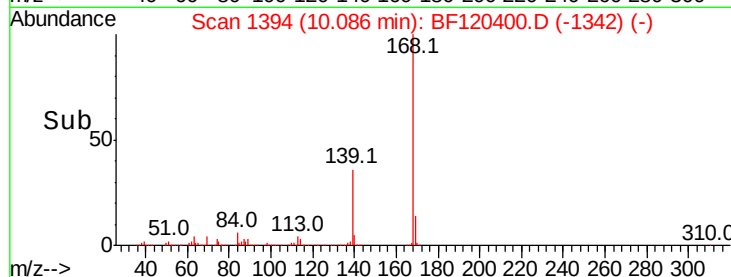
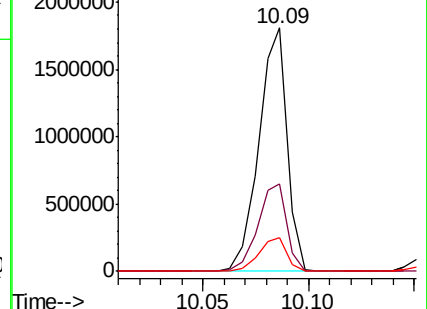
169 13.8 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.744 ng

RT: 9.97 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

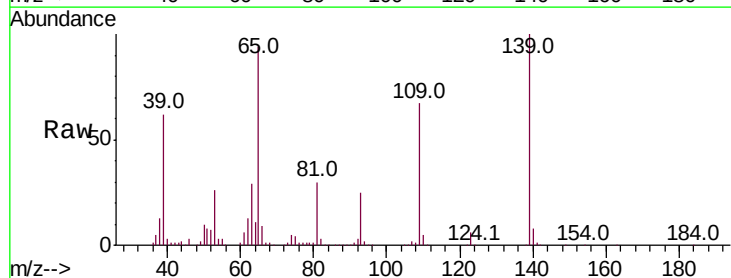
Tgt Ion:139 Resp: 283044

Ion Ratio Lower Upper

139 100

109 67.2 47.3 87.3

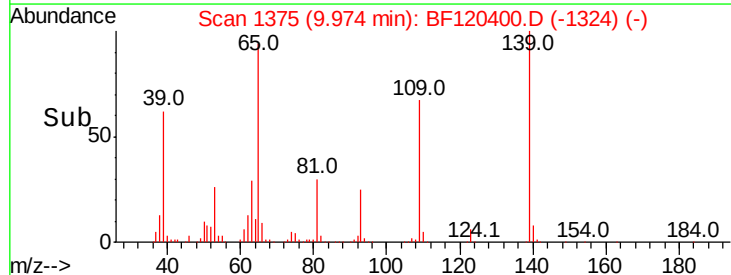
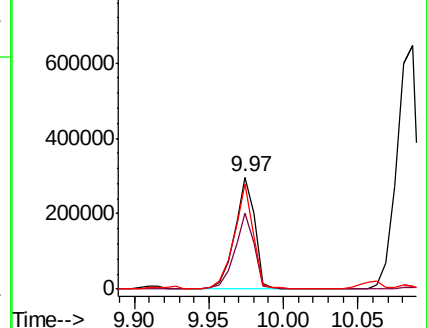
65 94.2 71.5 111.5

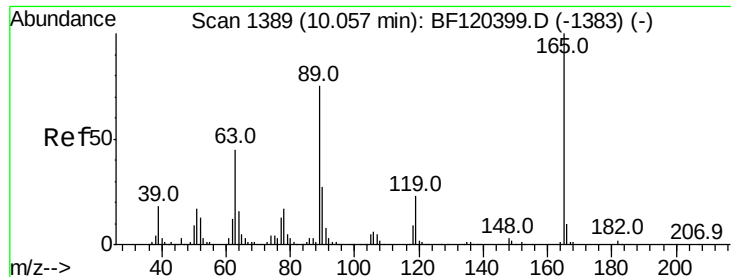


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

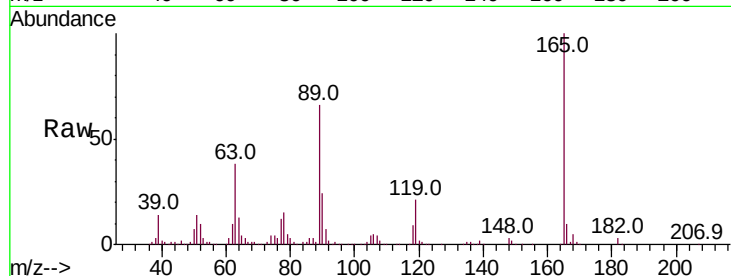




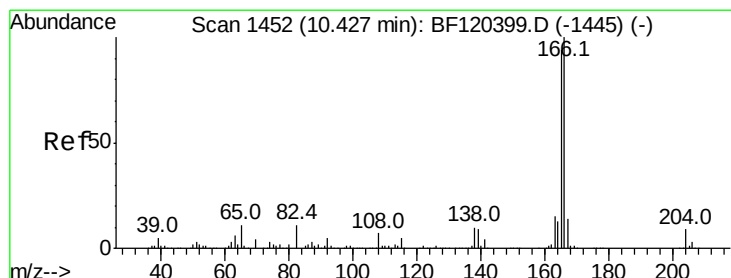
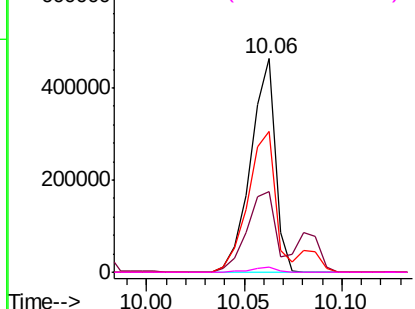
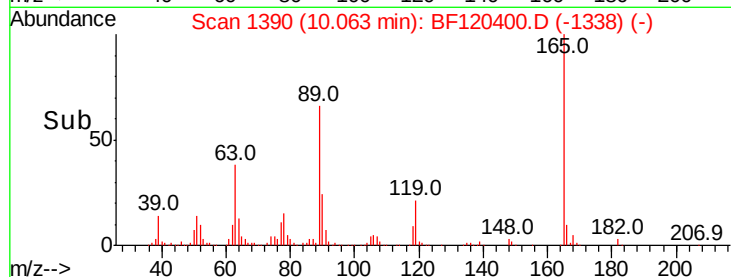
#57
 2,4-Dinitrotoluene
 Concen: 52.286 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	165	Resp:	405920
Ion	Ratio	Lower	Upper
165	100		
63	37.7	35.9	53.9
89	66.1	60.0	90.0
182	2.5	2.0	3.0

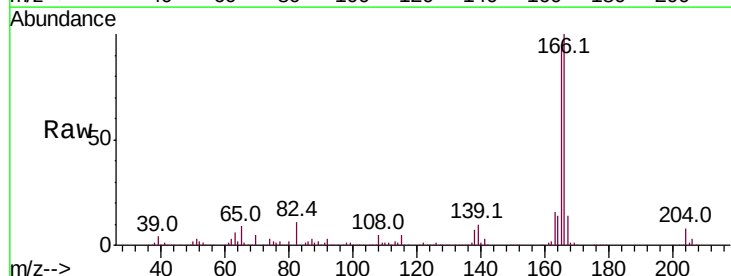


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

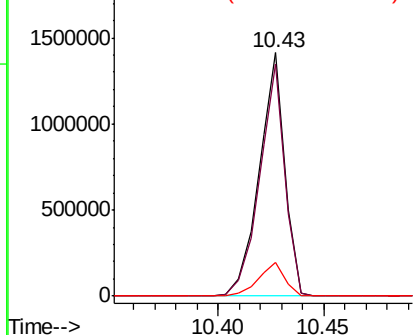
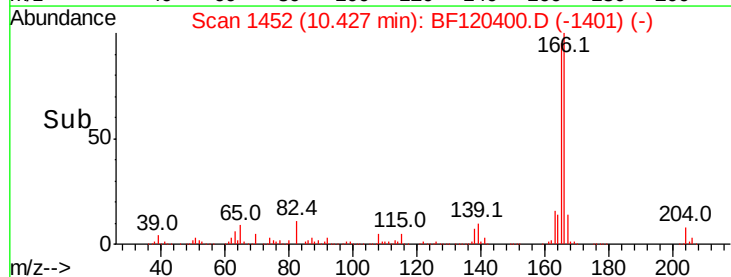


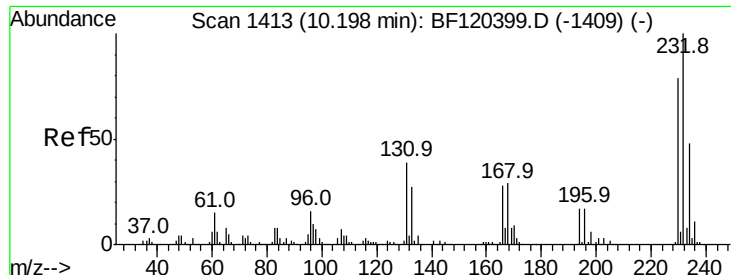
#58
 Fluorene
 Concen: 47.866 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:	166	Resp:	1185000
Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.6	113.4
167	13.9	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

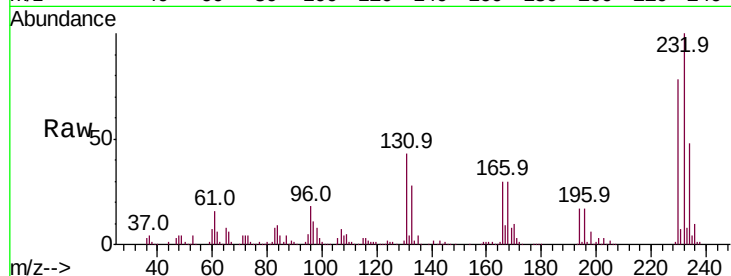




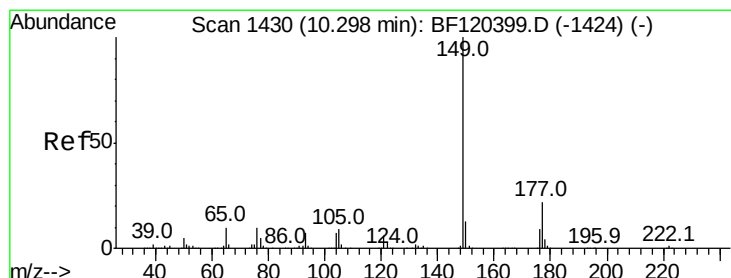
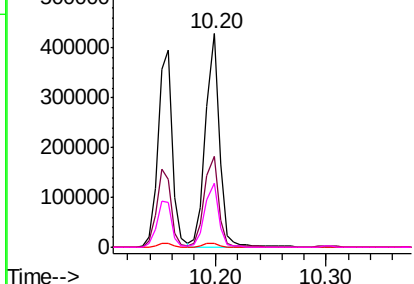
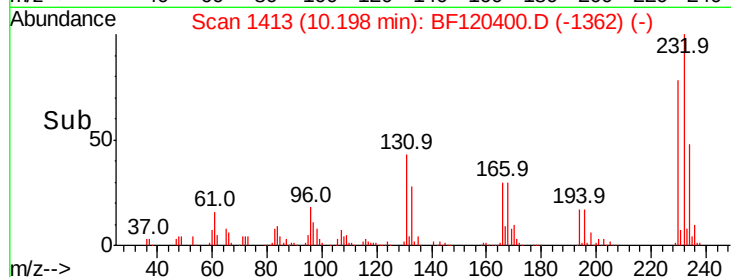
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.970 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	232	Resp:	363476
Ion	Ratio	Lower	Upper
232	100		
131	43.9	34.6	51.8
130	2.2	1.7	2.5
166	29.9	23.7	35.5

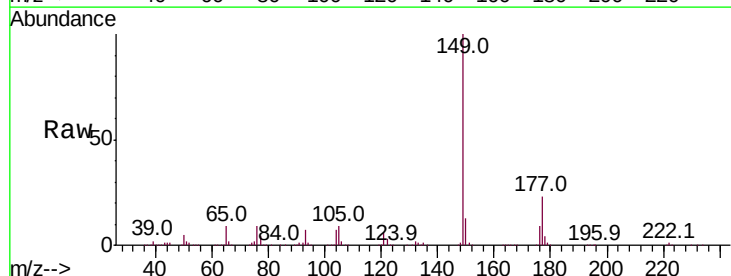


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

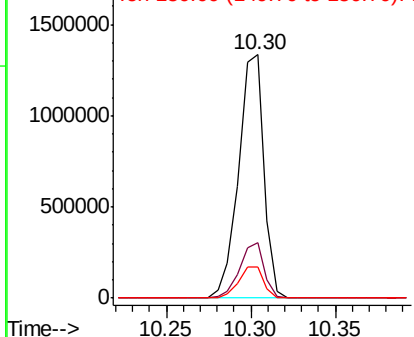
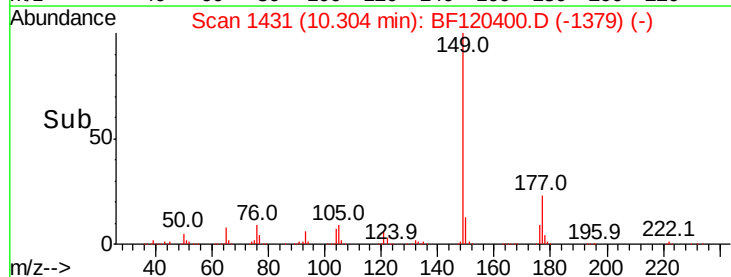


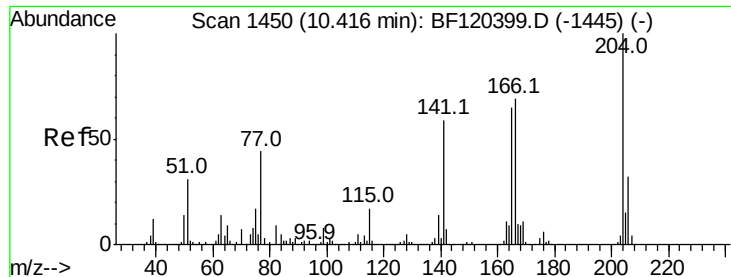
#60
 Diethylphthalate
 Concen: 48.675 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:	149	Resp:	1393444
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.2
150	12.9	10.3	15.5



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

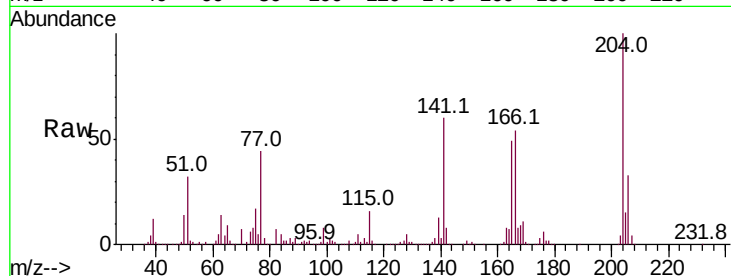




#61
 4-Chlorophenyl-phenylether
 Concen: 48.489 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	59.8	47.2	70.8

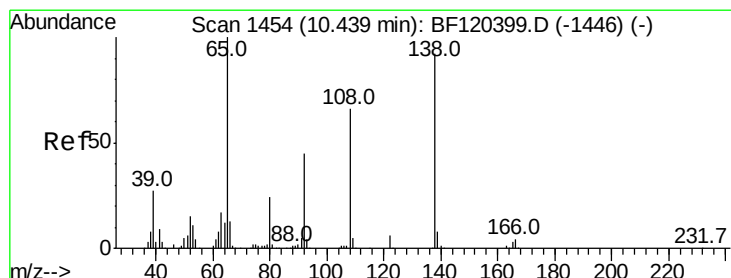
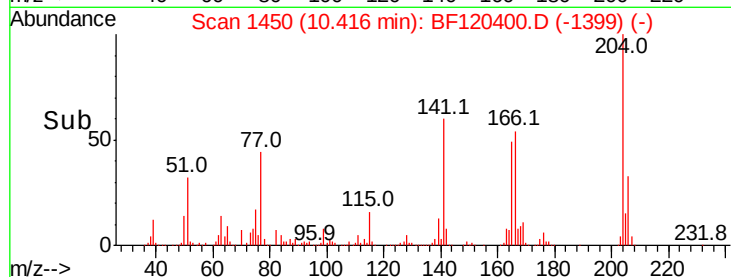
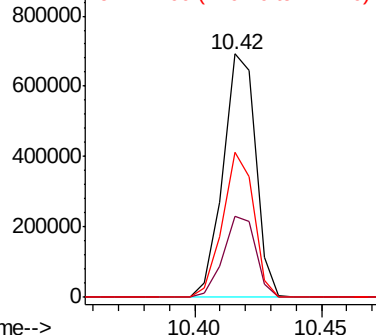


Abundance

Ion 204.00 (203.70 to 204.70): E

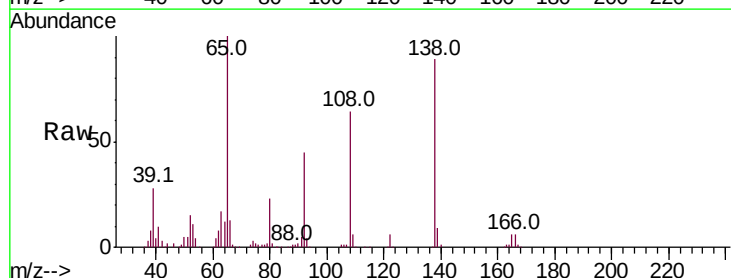
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 46.151 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	29.3	69.3
108	72.0	51.8	91.8

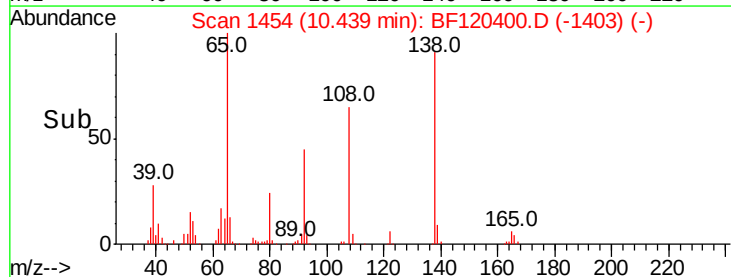
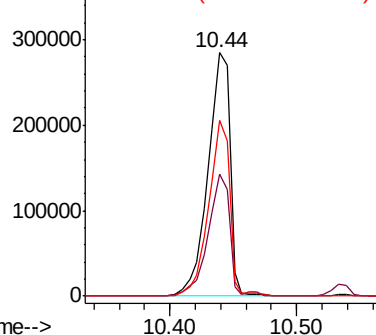


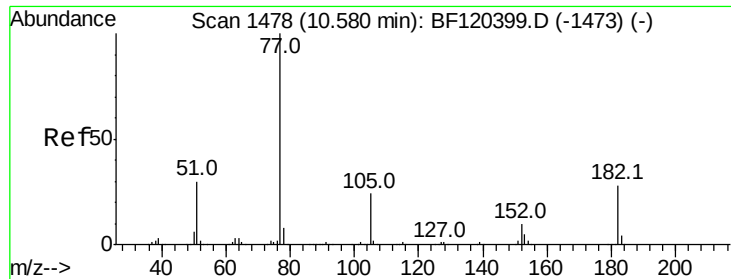
Abundance

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: 48.707 ng

RT: 10.58 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 1317832

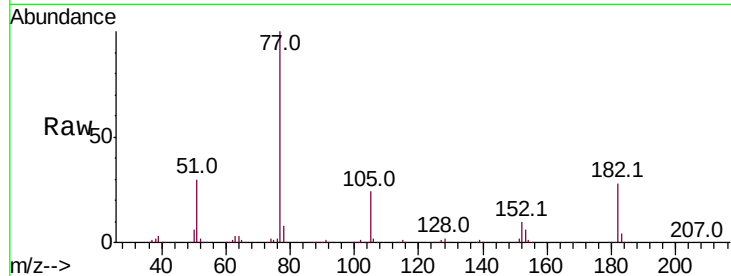
Ion Ratio Lower Upper

77 100

182 27.6 8.1 48.1

105 23.8 3.8 43.8

51 30.4 10.1 50.1

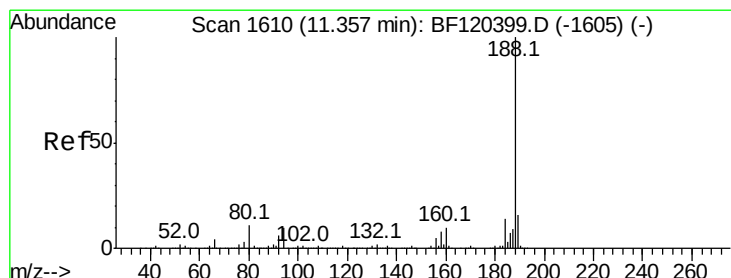
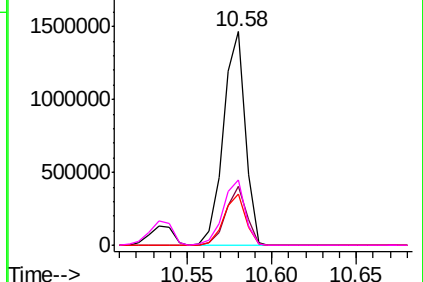
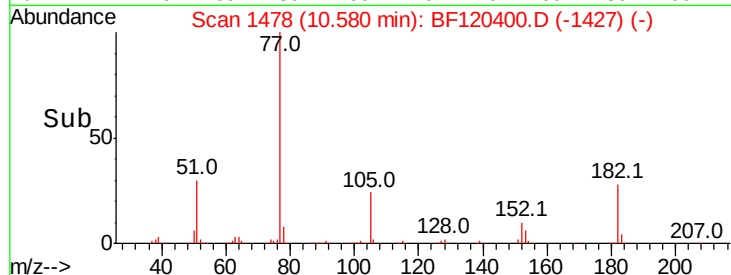


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

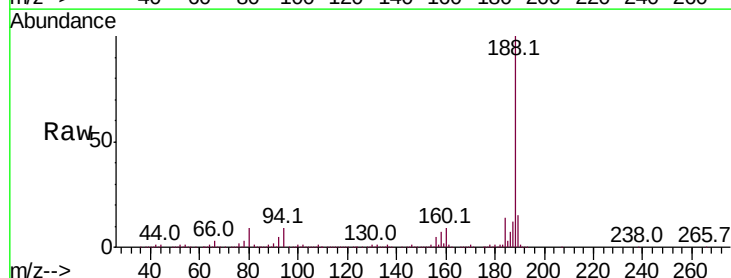
Tgt Ion: 188 Resp: 879720

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

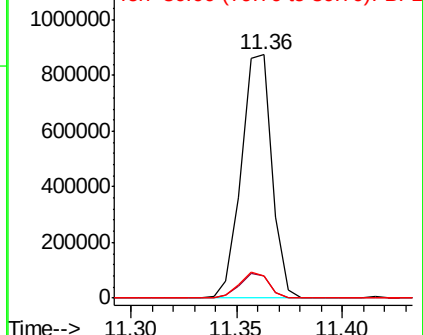
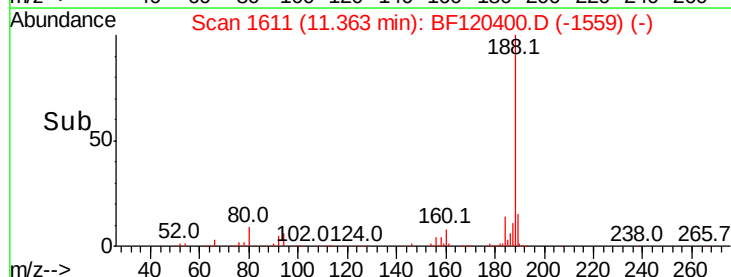
80 9.0 8.6 13.0

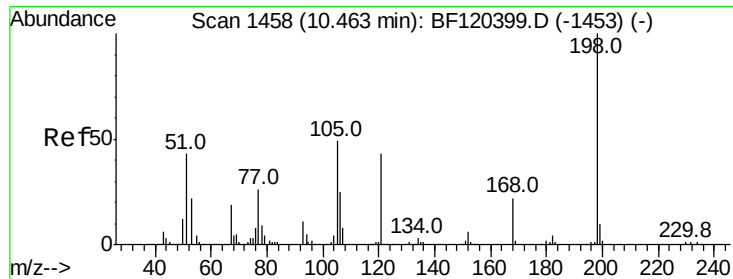


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

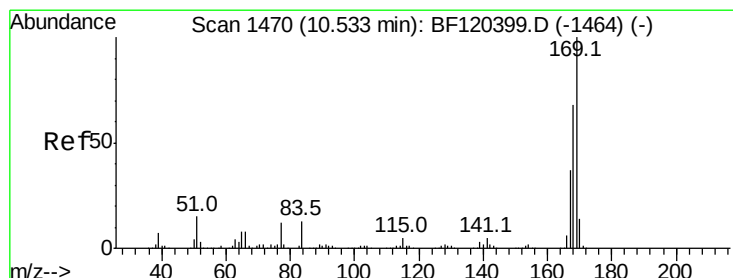
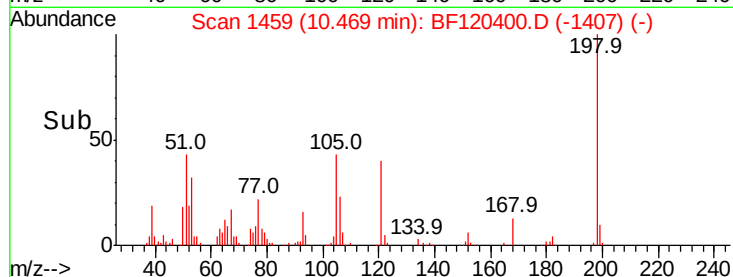
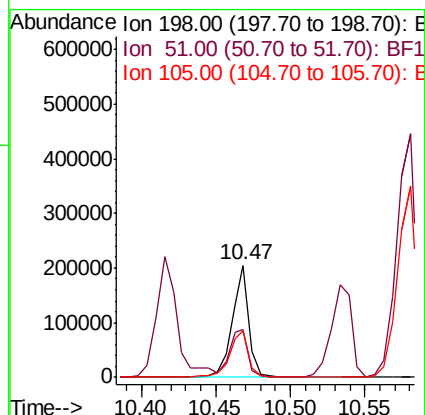
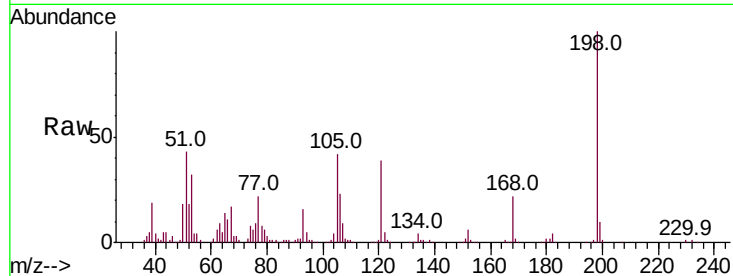




#65
4,6-Dinitro-2-methylphenol
Concen: 36.259 ng
RT: 10.47 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

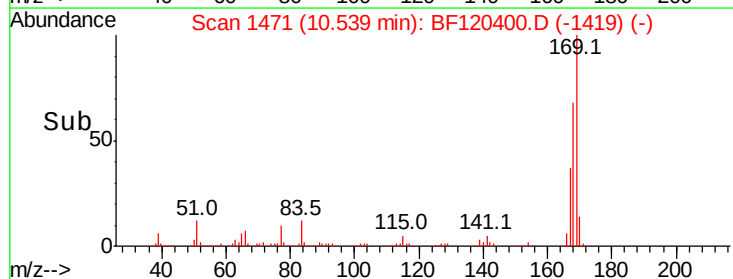
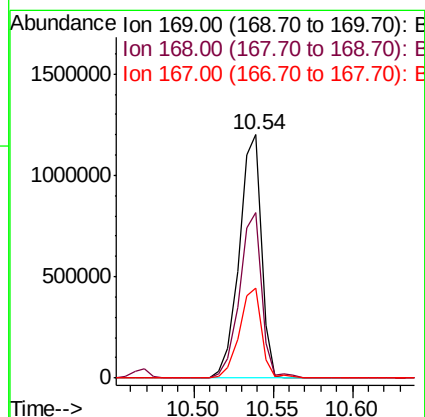
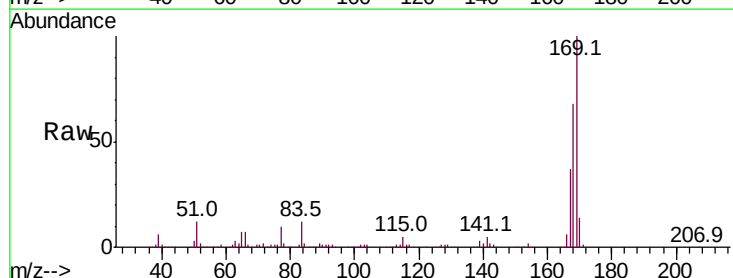
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

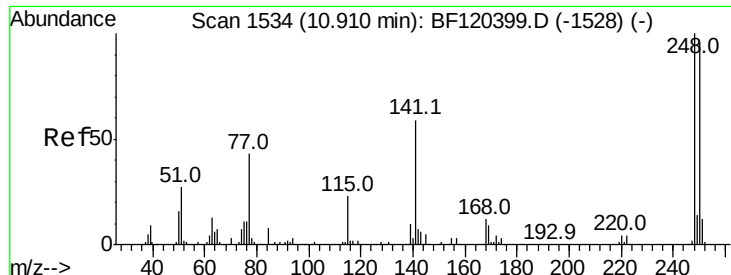
Tot Ion:198 Resp: 161319
Ion Ratio Lower Upper
198 100
51 42.6 34.1 74.1
105 41.7 30.5 70.5



#66
n-Nitrosodiphenylamine
Concen: 47.577 ng
RT: 10.54 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion:169 Resp: 1157942
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 37.2 29.8 44.8

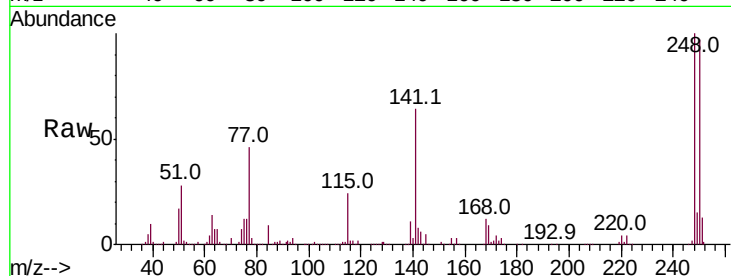




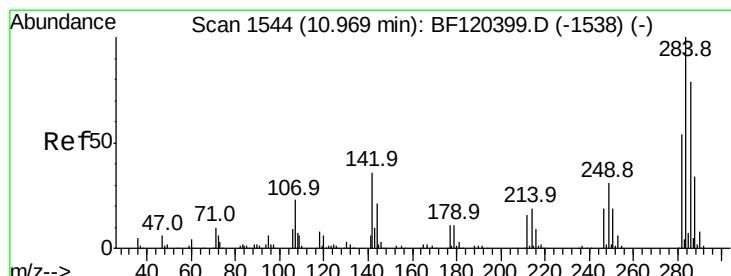
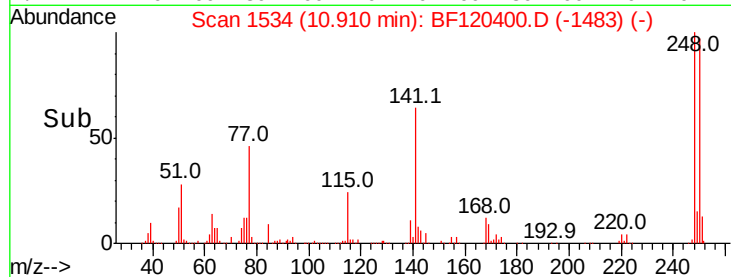
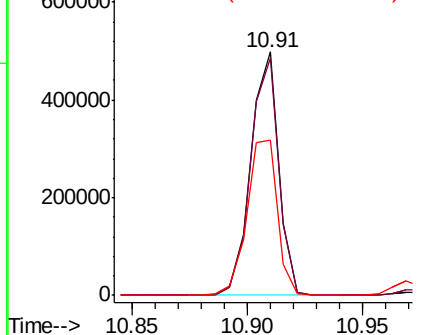
#67
 4-Bromophenyl-phenylether
 Concen: 49.476 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:248 Resp: 422360
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.5 114.7
 141 63.6 47.2 70.8

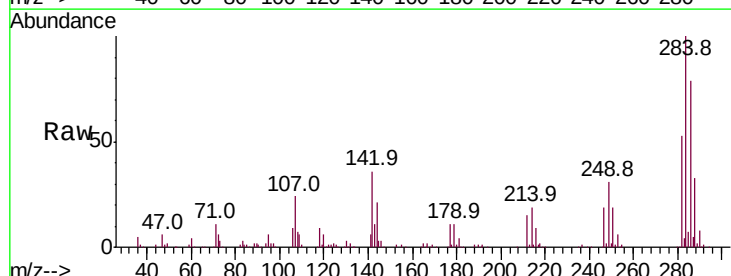


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

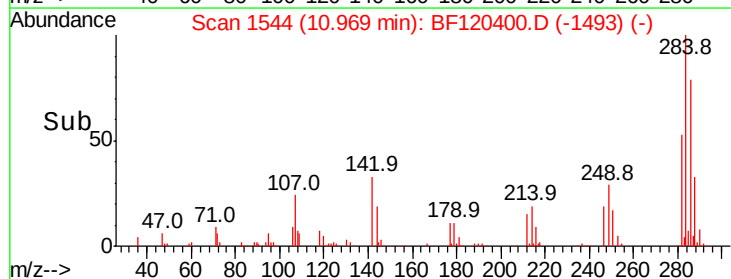
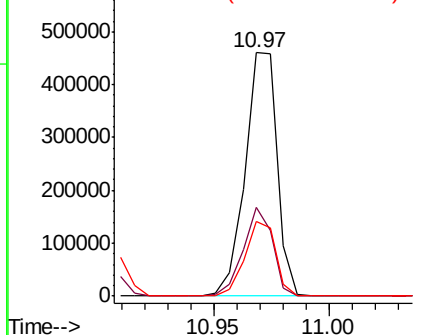


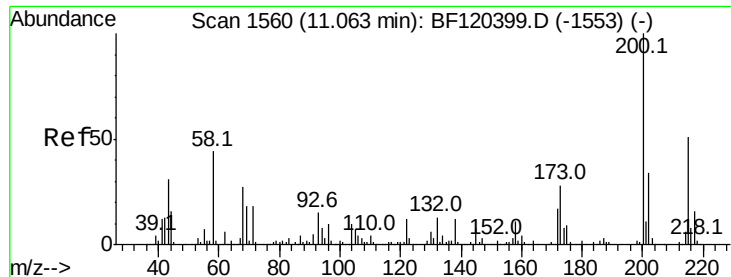
#68
 Hexachlorobenzene
 Concen: 50.076 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:284 Resp: 447218
 Ion Ratio Lower Upper
 284 100
 142 36.2 28.5 42.7
 249 30.6 25.0 37.6



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

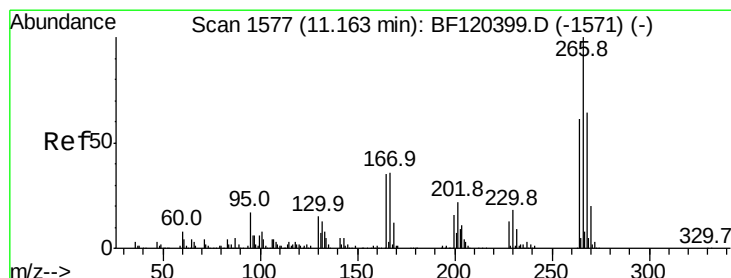
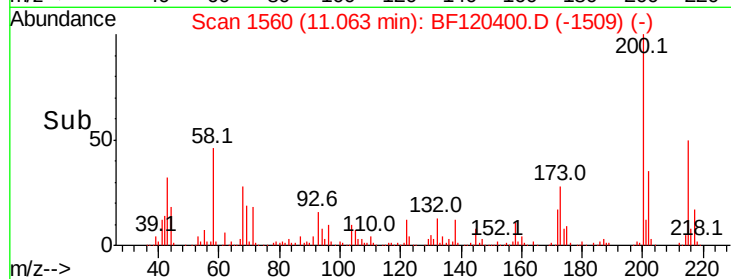
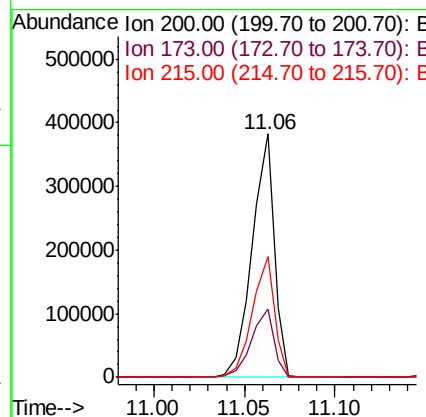
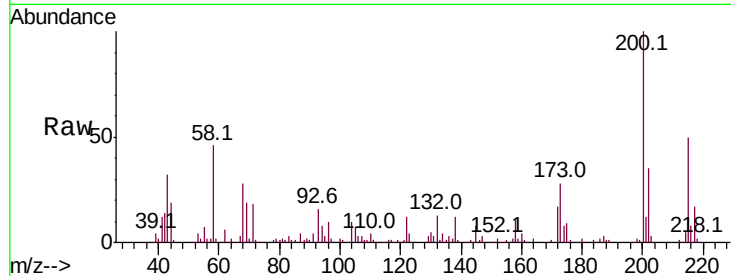




#69
Atrazine
Concen: 44.758 ng
RT: 11.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

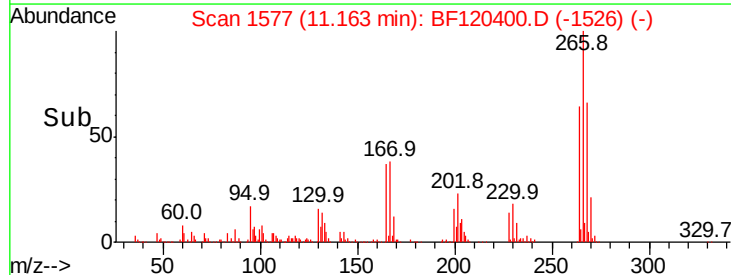
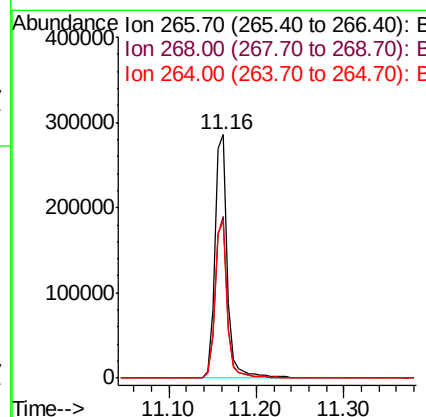
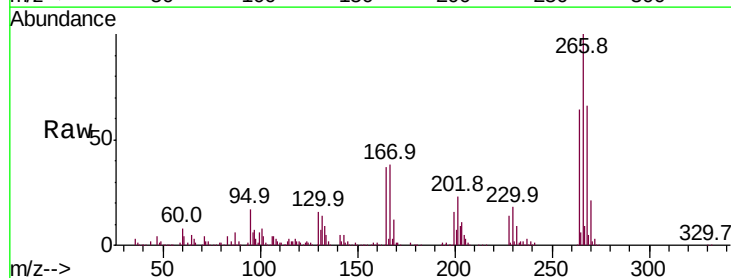
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

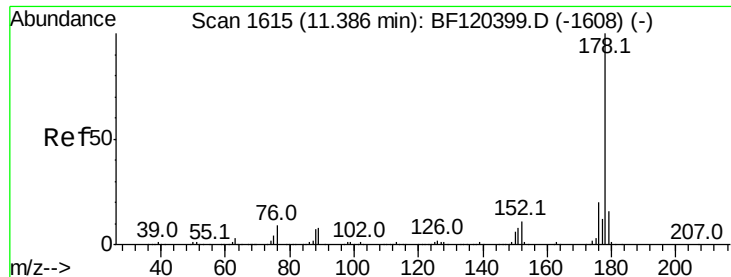
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.9	47.9
215	49.6	31.2	71.2



#70
Pentachlorophenol
Concen: 74.850 ng
RT: 11.16 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.5	77.3
264	64.2	49.1	73.7

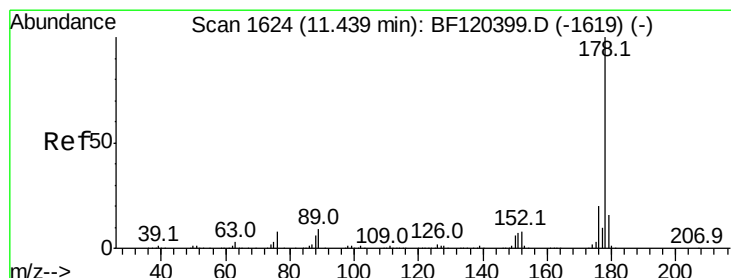
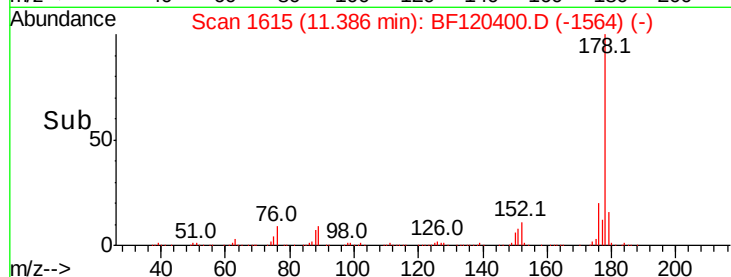
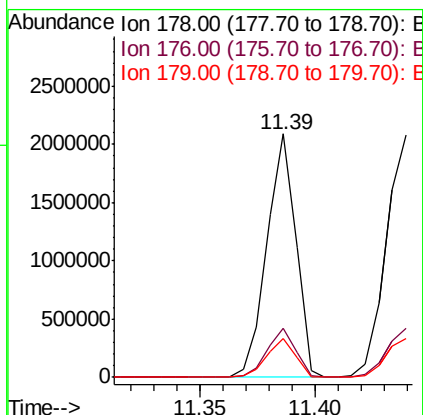
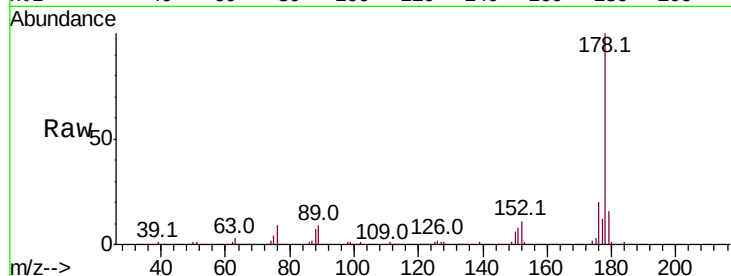




#71
Phenanthrene
Concen: 49.365 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

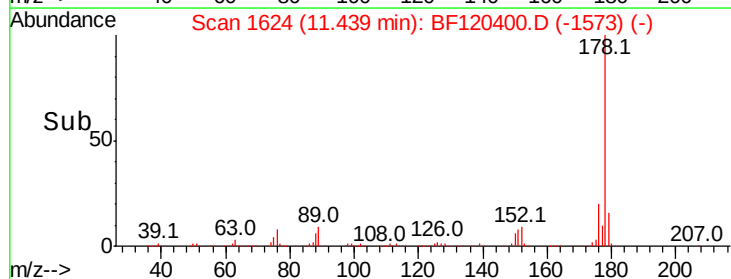
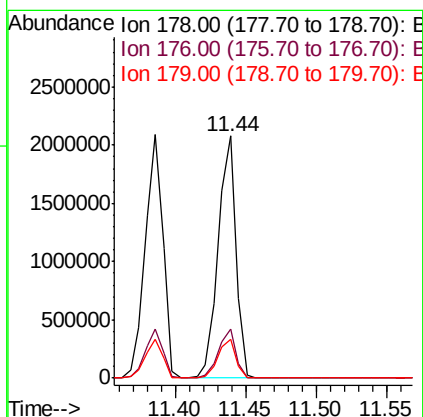
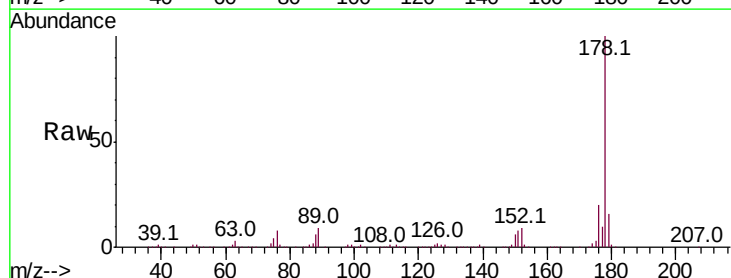
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

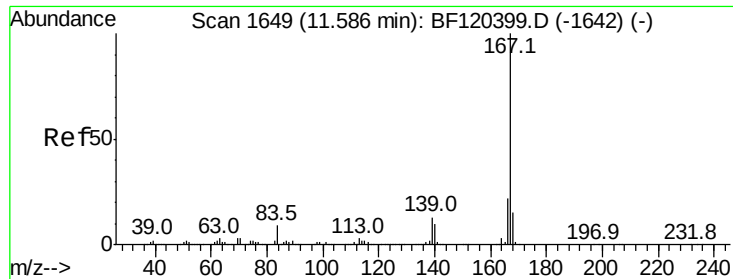
Tot Ion:178 Resp: 1824831
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.1 13.0 19.4



#72
Anthracene
Concen: 46.240 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion:178 Resp: 1829898
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.1 12.8 19.2



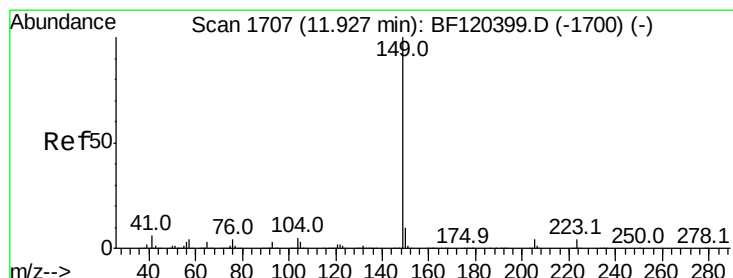
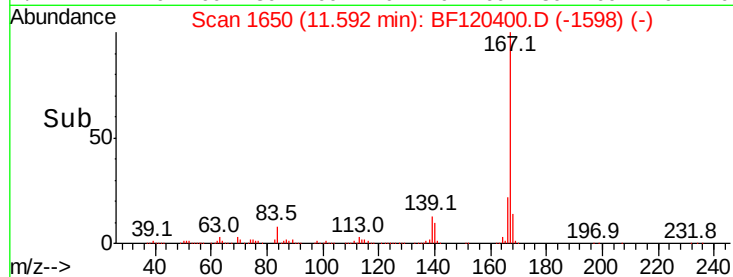
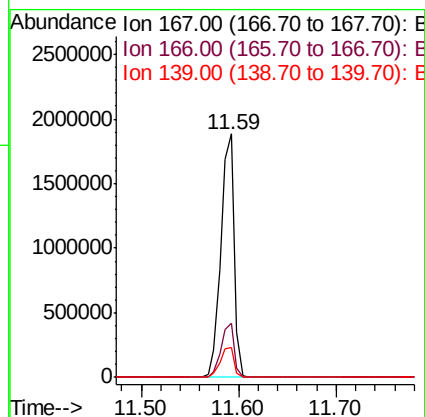
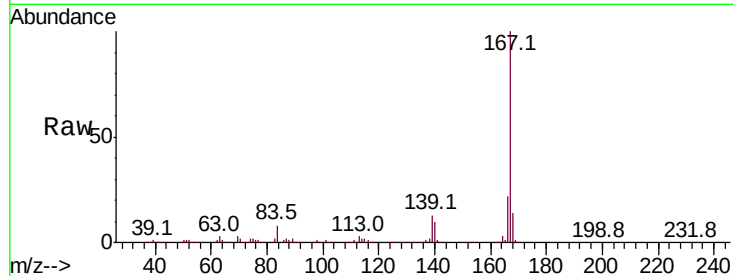


#73
 Carbazole
 Concen: 47.981 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. 0.01 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 1774116

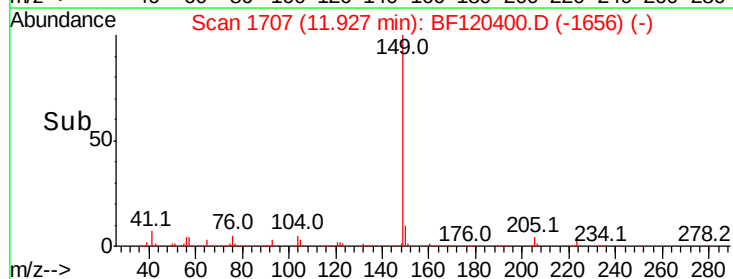
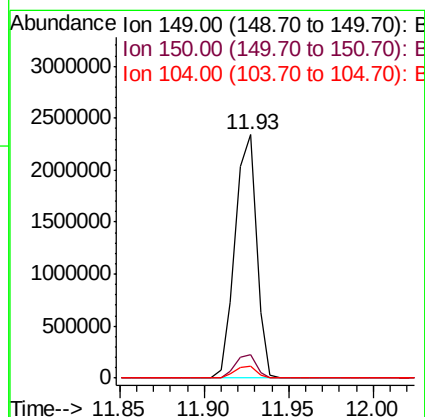
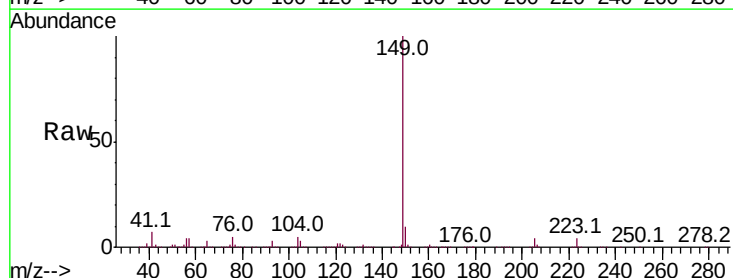
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	12.5	10.4	15.6

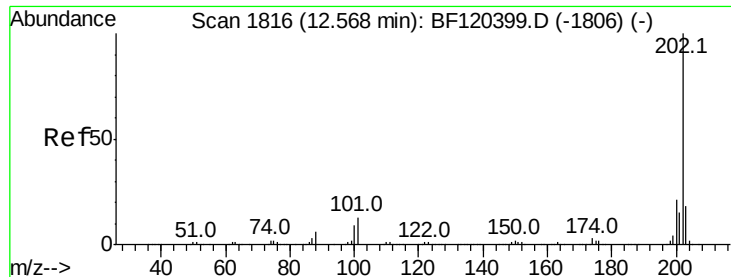


#74
 Di-n-butylphthalate
 Concen: 46.468 ng
 RT: 11.93 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:149 Resp: 2070718

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.9	3.6	5.4





#75

Fluoranthene

Concen: 49.578 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

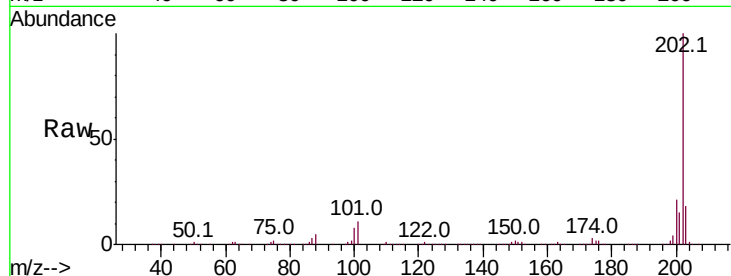
Tot Ion:202 Resp: 1964347

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.6

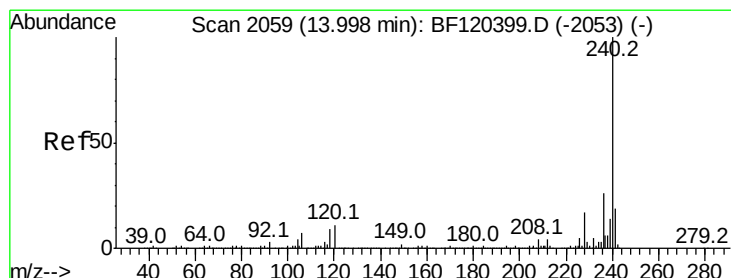
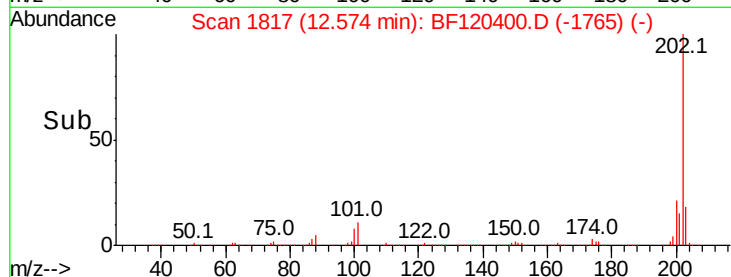
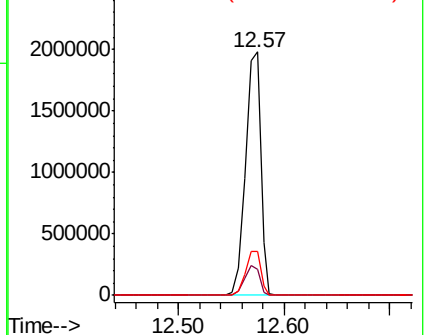
203 17.9 0.0 38.4



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: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

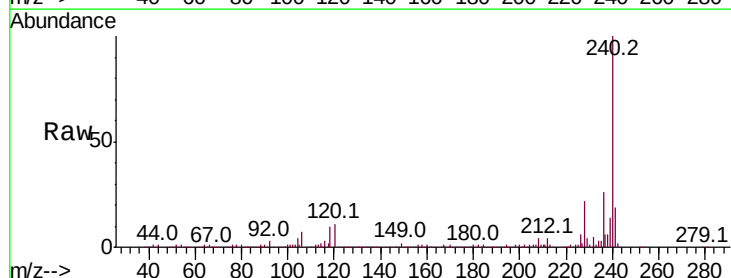
Tgt Ion:240 Resp: 596506

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

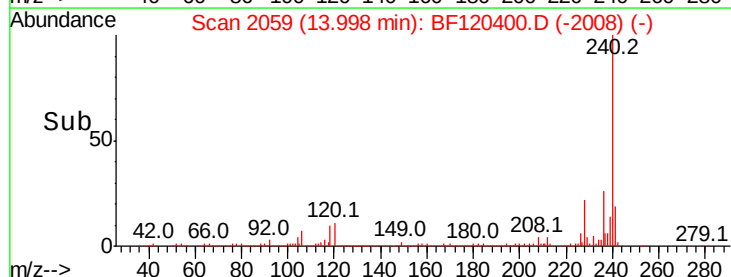
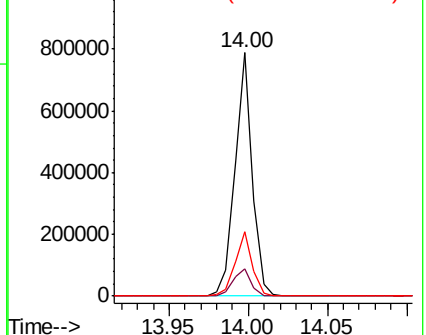
236 26.3 21.0 31.4

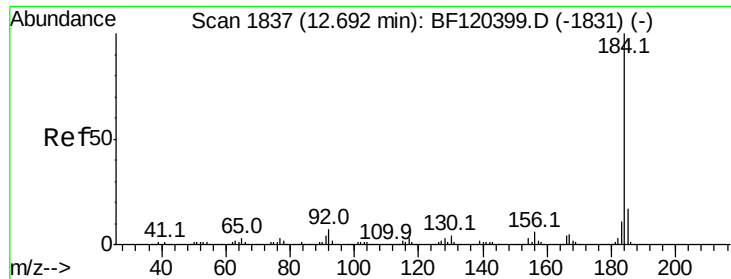


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.273 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

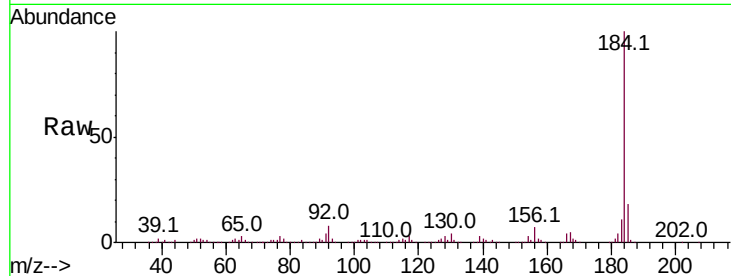
Tot Ion:184 Resp: 927962

Ion Ratio Lower Upper

184 100

185 18.1 13.4 20.0

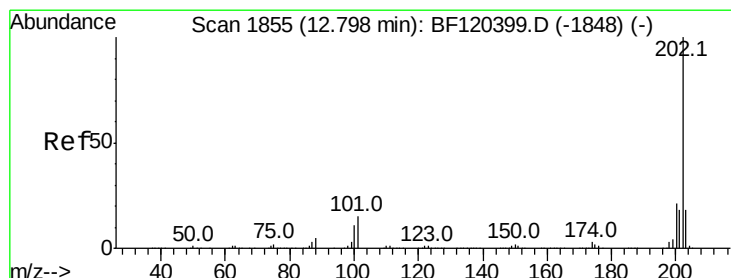
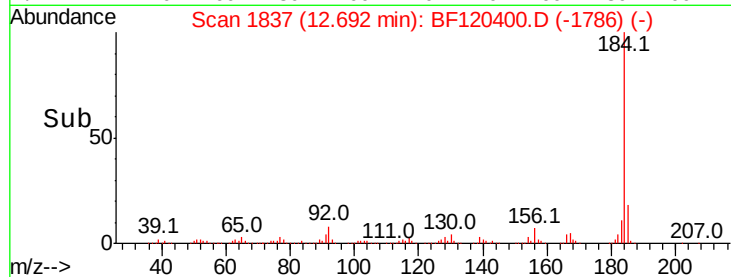
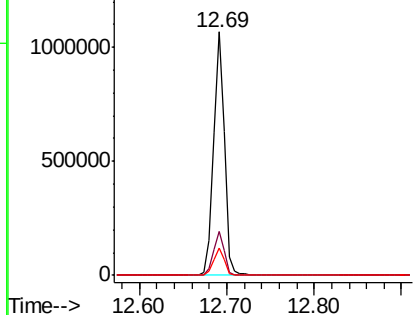
183 11.3 8.6 12.8



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: 47.171 ng

RT: 12.80 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

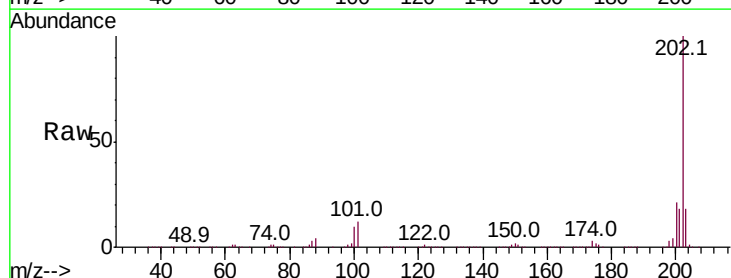
Tgt Ion:202 Resp: 2005934

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

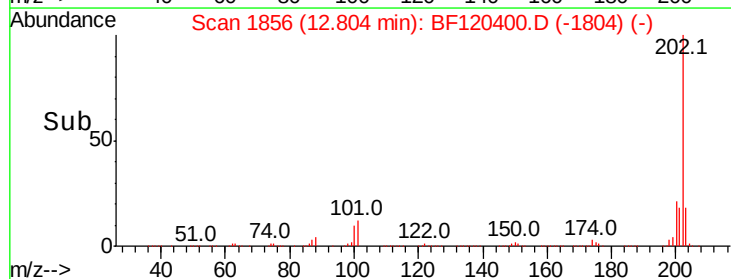
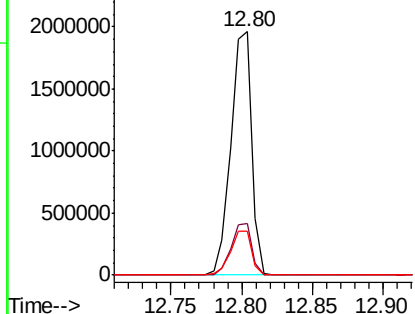
203 17.9 14.7 22.1

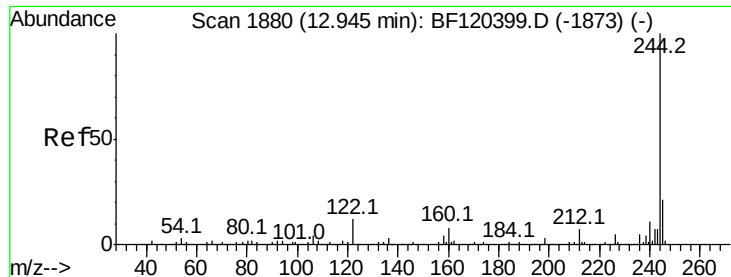


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.269 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

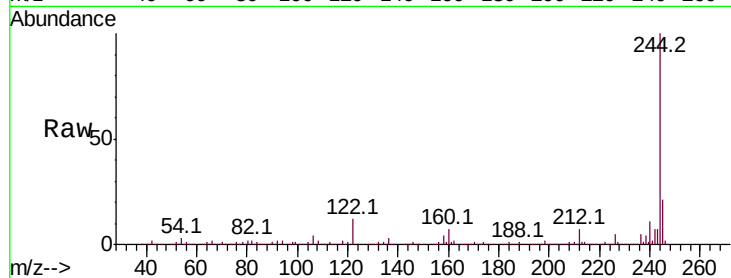
Tot Ion:244 Resp: 2518330

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

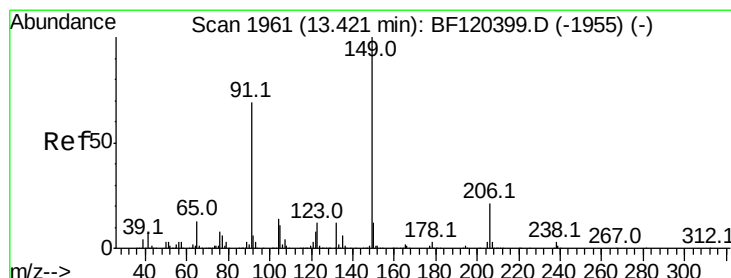
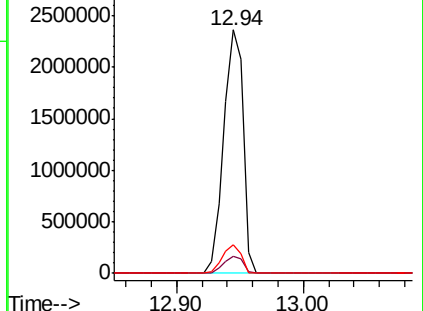
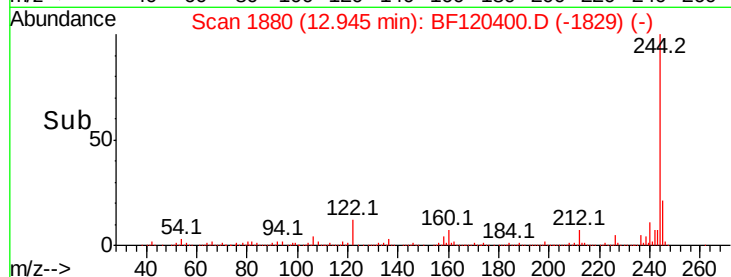
122 11.5 9.2 13.8



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: 42.030 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

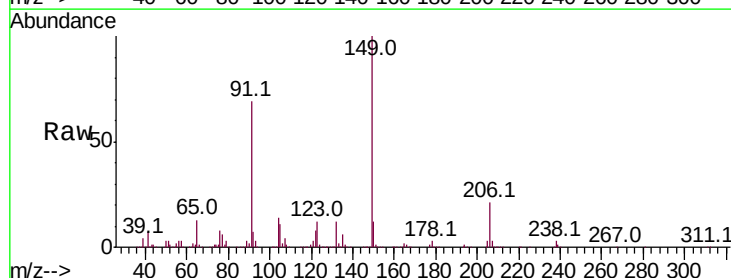
Tgt Ion:149 Resp: 841618

Ion Ratio Lower Upper

149 100

91 68.9 55.0 82.4

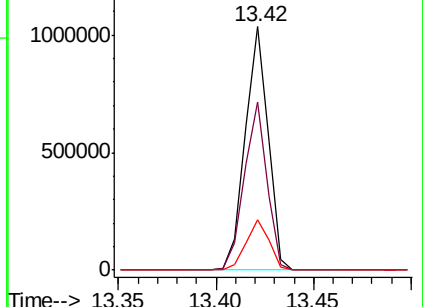
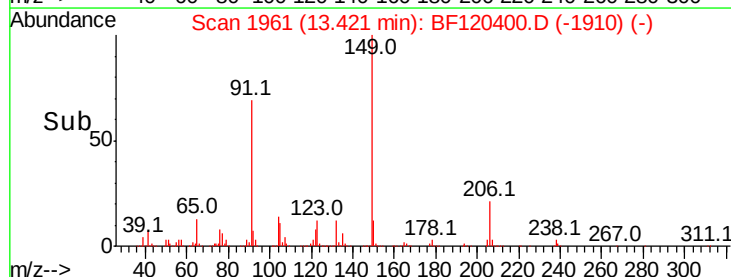
206 20.6 17.0 25.4

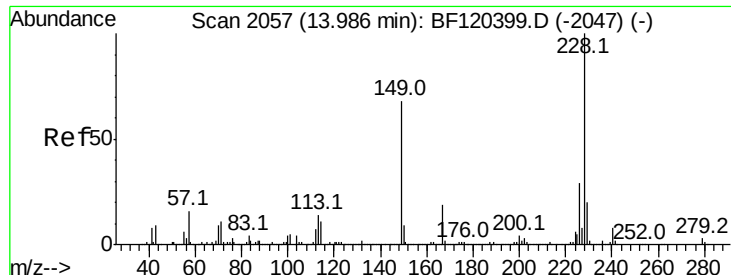


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

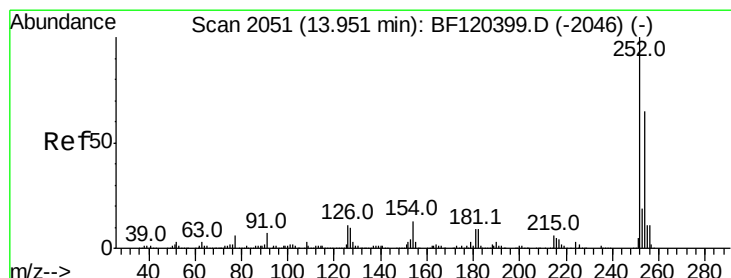
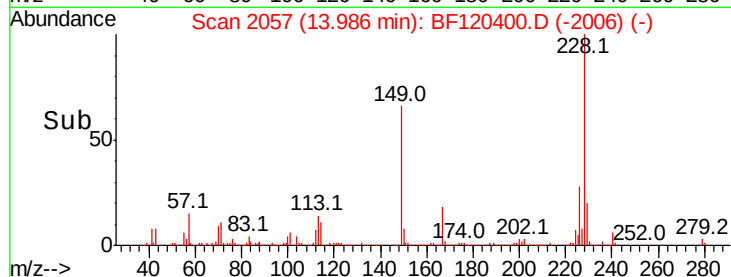
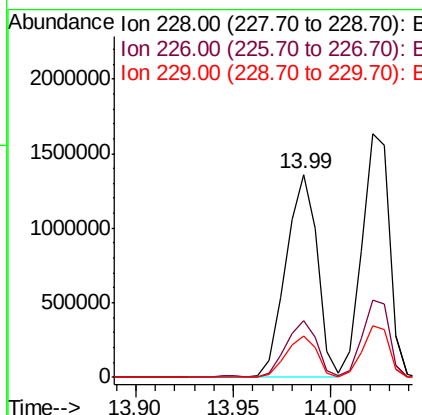
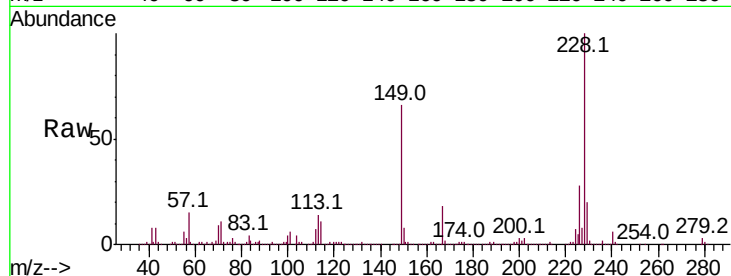




#81
Benzo(a)anthracene
Concen: 48.065 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

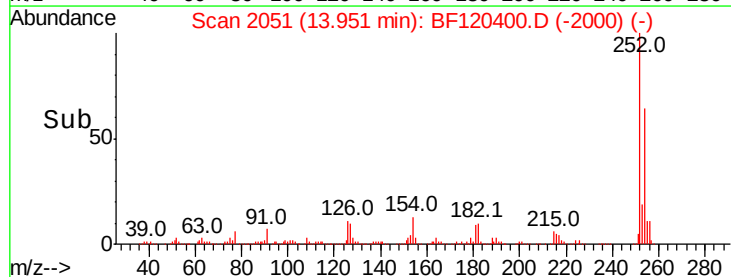
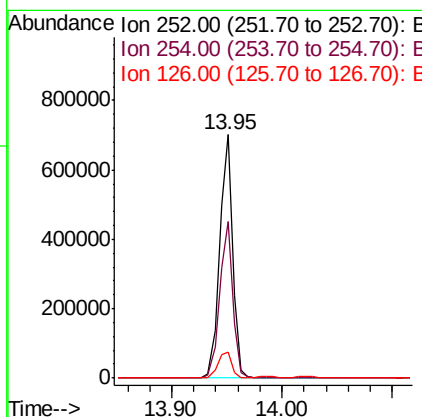
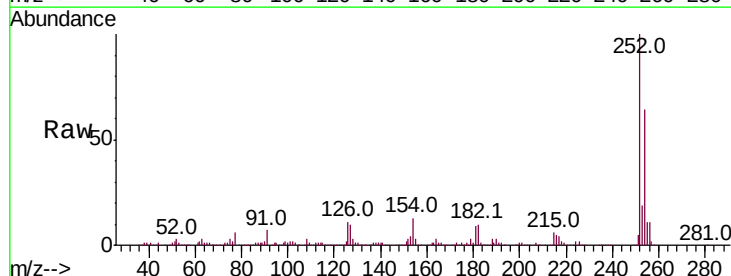
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

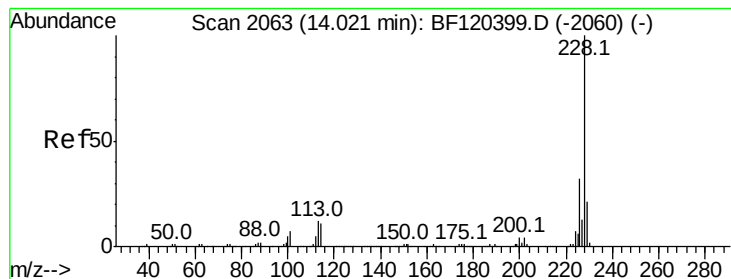
Tot Ion:228 Resp: 1512220
Ion Ratio Lower Upper
228 100
226 27.9 23.0 34.4
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 48.388 ng
RT: 13.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion:252 Resp: 573700
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 10.8 8.5 12.7





#83

Chrysene

Concen: 47.123 ng

RT: 14.02 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

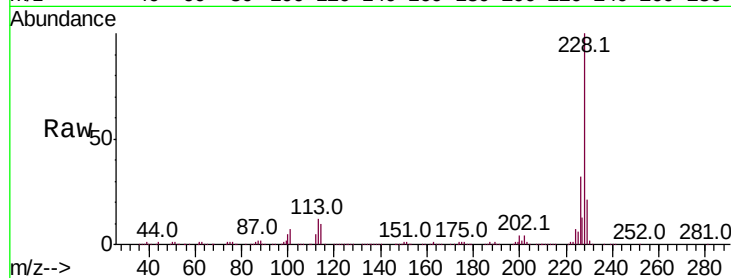
Tot Ion:228 Resp: 1591988

Ion Ratio Lower Upper

228 100

226 31.8 25.6 38.4

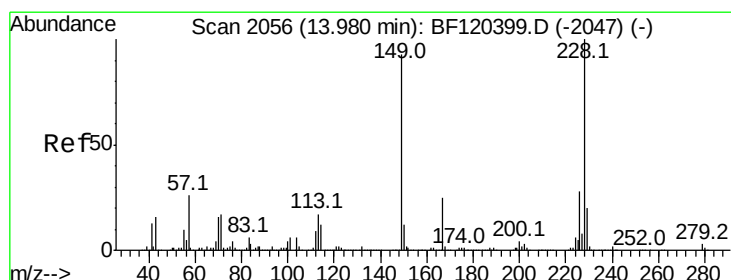
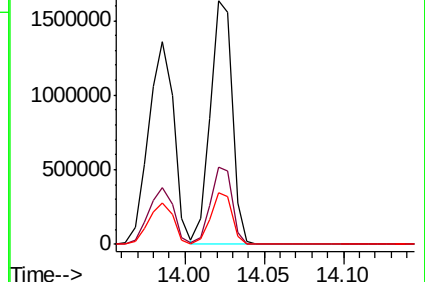
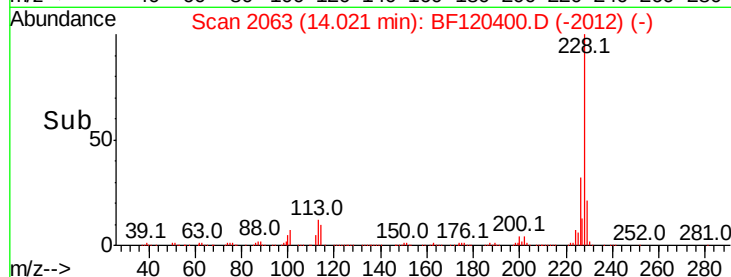
229 21.1 16.6 25.0



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: 39.172 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

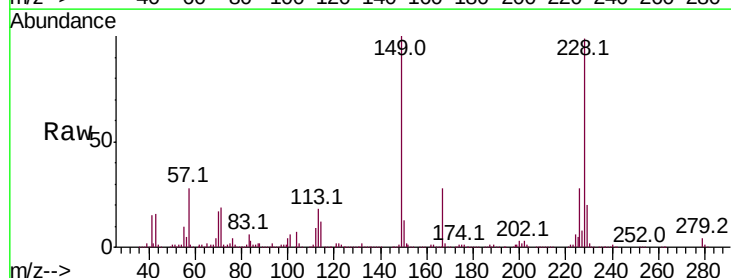
Tgt Ion:149 Resp: 975909

Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

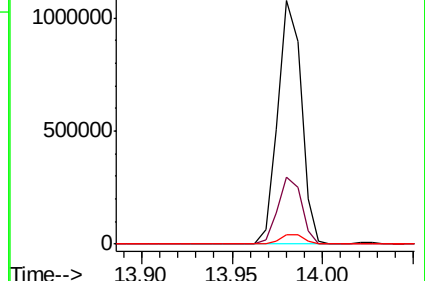
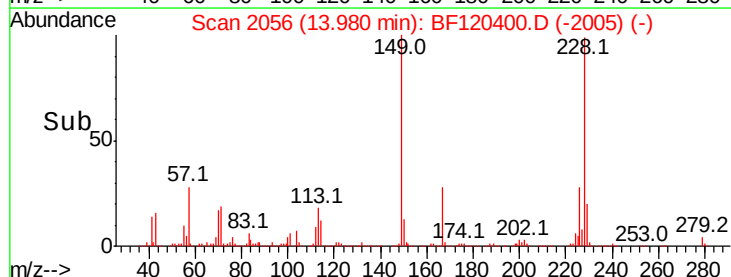
279 3.7 2.9 4.3

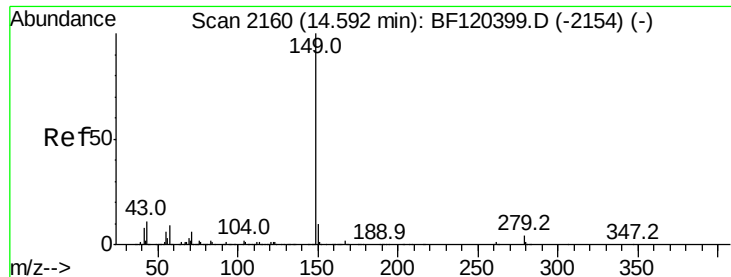


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.721 ng

RT: 14.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

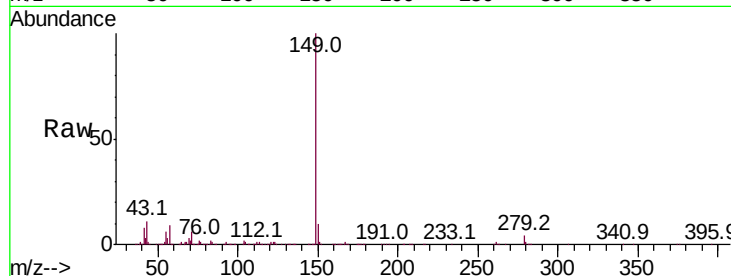
Tot Ion:149 Resp: 1735457

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

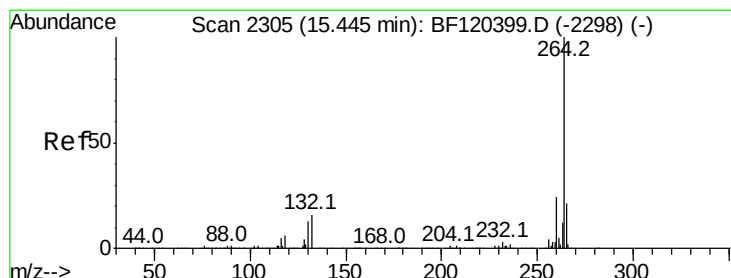
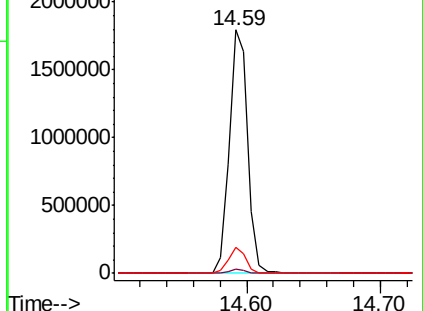
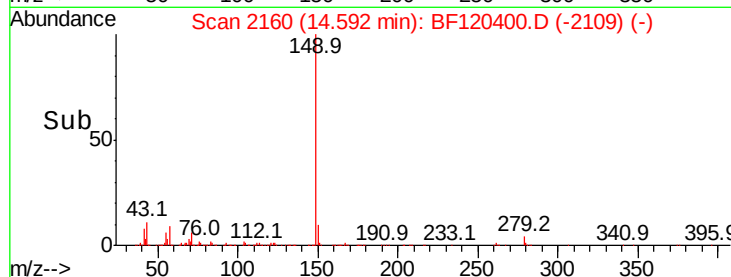
43 10.2 8.1 12.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

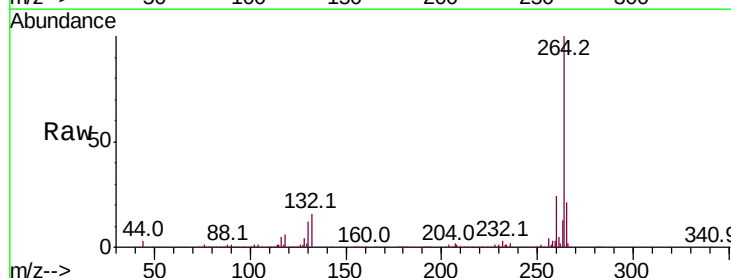
Tgt Ion:264 Resp: 553585

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

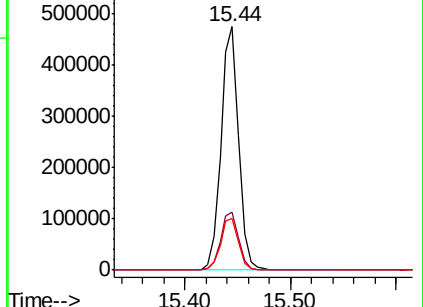
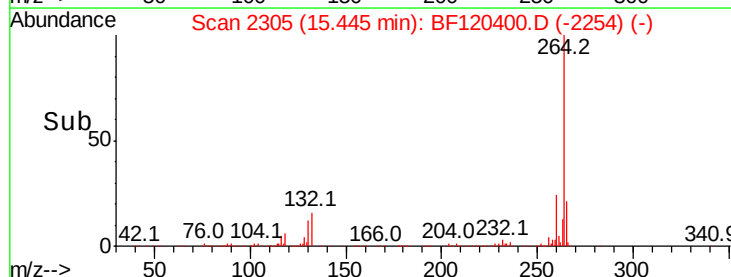
265 21.5 16.9 25.3

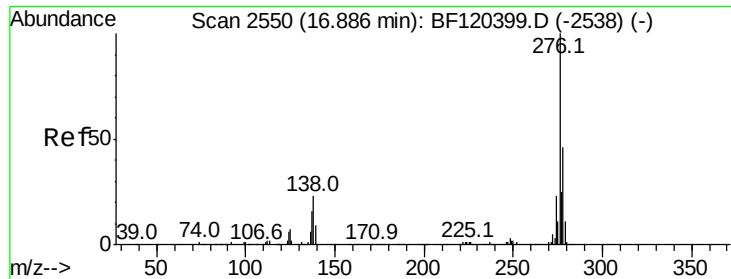


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

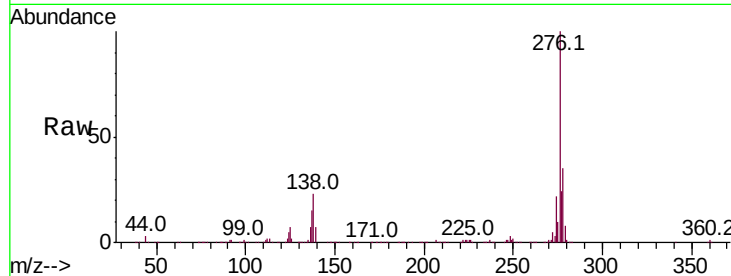




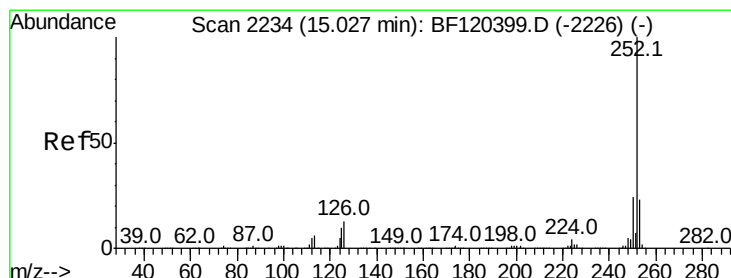
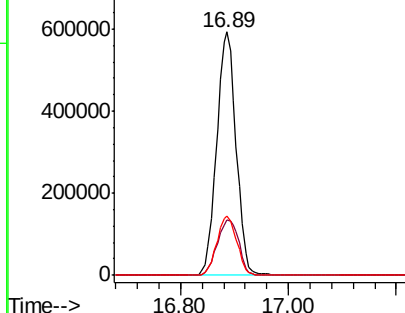
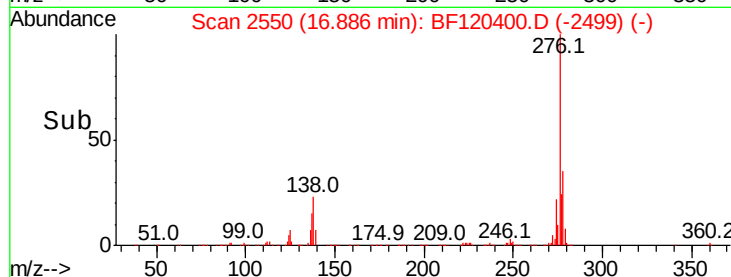
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.038 ng
 RT: 16.89 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1496689
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.4 30.6
 277 25.1 20.4 30.6

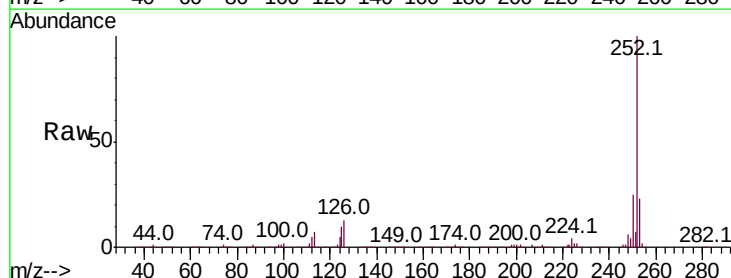


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

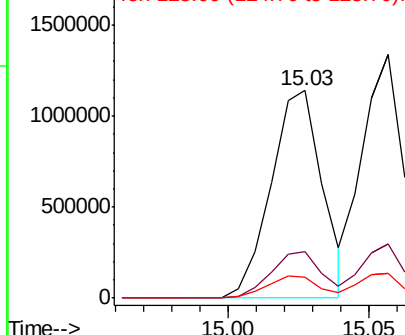
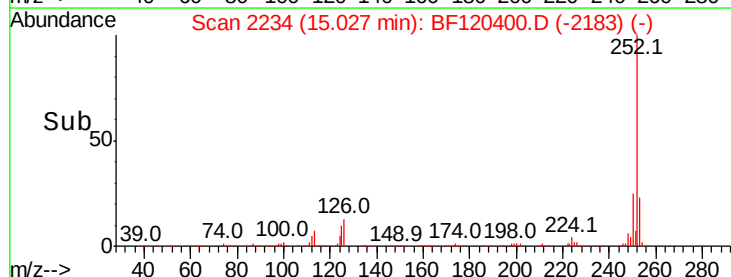


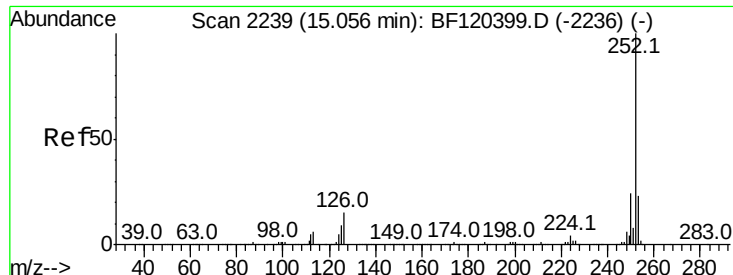
#88
 Benzo(b)fluoranthene
 Concen: 47.514 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF120400.D
 Acq: 28 May 2020 11:23

Tgt Ion:252 Resp: 1436485
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 10.2 7.8 11.8



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

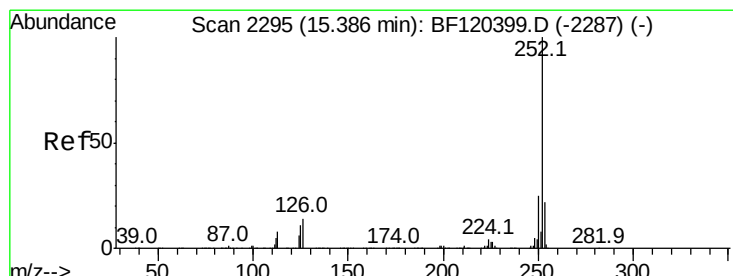
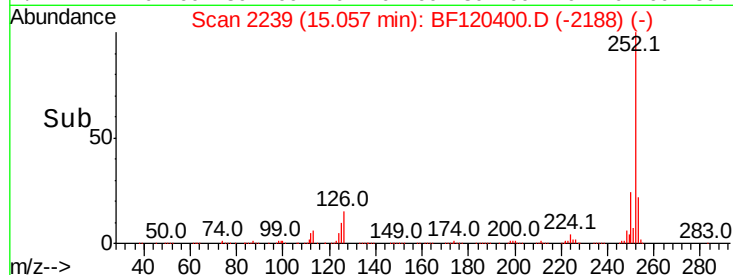
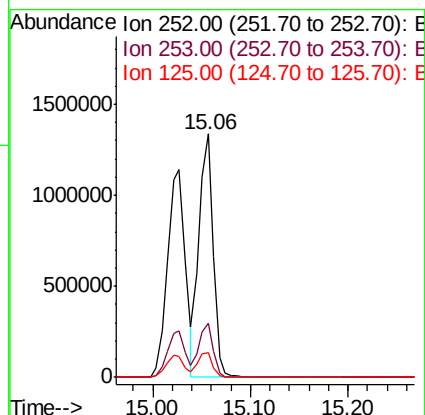
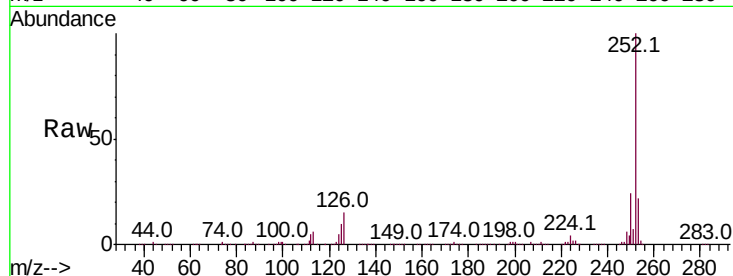




#89
Benzo(k)fluoranthene
Concen: 51.799 ng
RT: 15.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

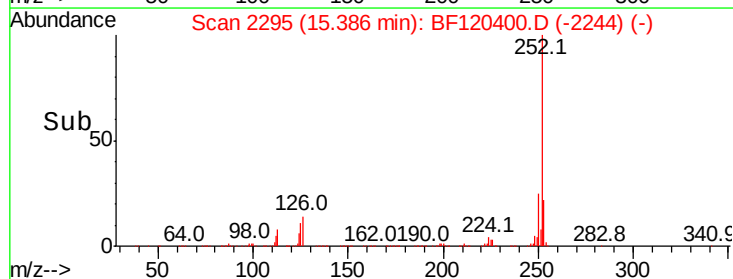
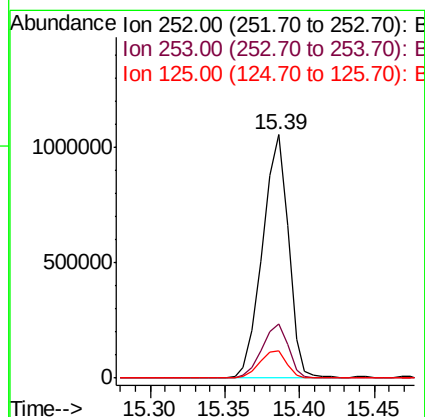
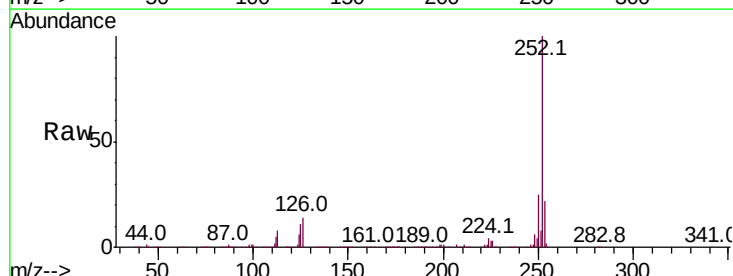
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

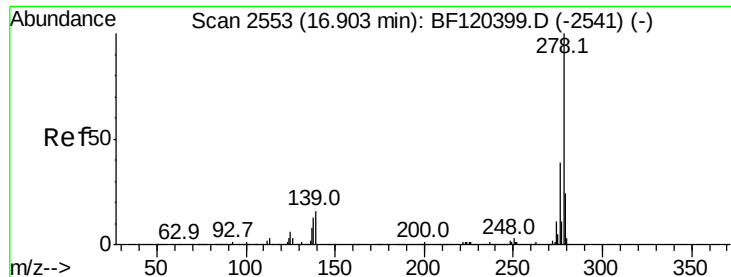
Tot Ion:252 Resp: 1356770
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 10.1 8.0 12.0



#90
Benzo(a)pyrene
Concen: 46.779 ng
RT: 15.39 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BF120400.D
Acq: 28 May 2020 11:23

Tgt Ion:252 Resp: 1268335
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.969 ng

RT: 16.90 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

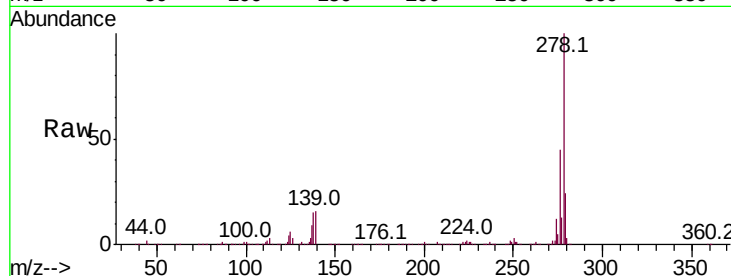
Tot Ion:278 Resp: 1224271

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

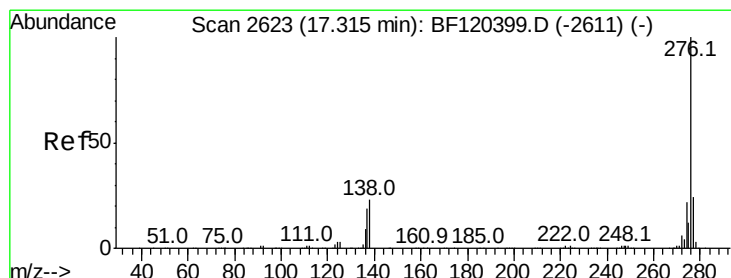
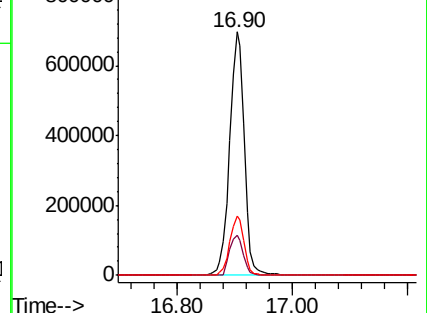
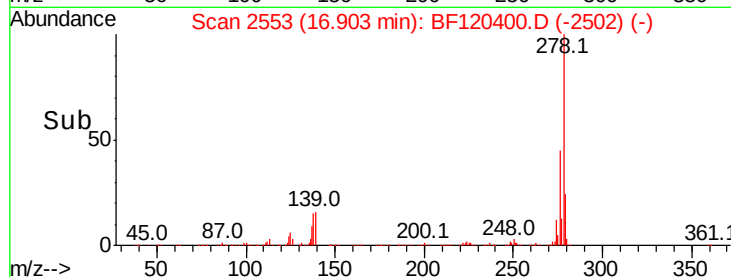
279 24.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.129 ng

RT: 17.32 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF120400.D

Acq: 28 May 2020 11:23

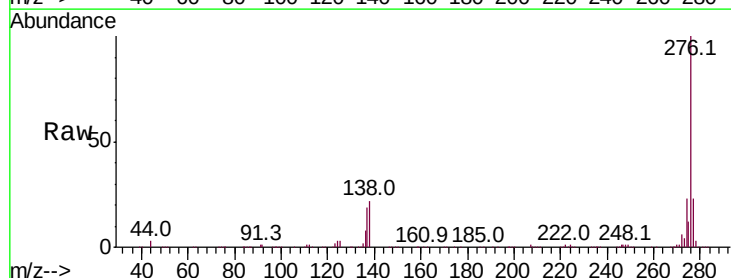
Tgt Ion:276 Resp: 1214194

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 22.0 18.1 27.1



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

