

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120398.D
 Acq On : 28 May 2020 10:27
 Operator : MA/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 28 12:27:50 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	223211	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	846250	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	439924	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	838939	20.00	ng	0.00
76) Chrysene-d12	13.99	240	612025	20.00	ng	0.00
86) Perylene-d12	15.44	264	552926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	588884	51.33	ng	0.00
7) Phenol-d6	6.46	99	729465	50.28	ng	-0.01
23) Nitrobenzene-d5	7.40	82	628677	50.86	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	202457	56.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1267392	59.19	ng	0.00
79) Terphenyl-d14	12.95	244	1437792	51.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	139885	30.653	ng	98
3) Pyridine	3.33	79	380808	26.546	ng	97
4) n-Nitrosodimethylamine	3.27	42	157919	28.114	ng	97
6) Aniline	6.50	93	492845	26.564	ng	98
8) 2-Chlorophenol	6.62	128	332597	24.865	ng	99
9) Benzaldehyde	6.39	77	180456	20.178	ng	100
10) Phenol	6.47	94	388105	22.917	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	327665	24.222	ng	95
12) 1,3-Dichlorobenzene	6.78	146	360807	25.208	ng	98
13) 1,4-Dichlorobenzene	6.86	146	364306	24.713	ng	99
14) 1,2-Dichlorobenzene	7.01	146	343401	25.868	ng	99
15) Benzyl Alcohol	6.97	79	269838	26.181	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	509594	23.904	ng	99
17) 2-Methylphenol	7.08	107	289063	25.599	ng	99
18) Hexachloroethane	7.36	117	130834	23.297	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	221751	23.332	ng	97
20) 3+4-Methylphenols	7.23	107	365251	24.879	ng	# 81
22) Acetophenone	7.25	105	442833	25.544	ng	# 97
24) Nitrobenzene	7.42	77	340190	25.574	ng	99
25) Isophorone	7.66	82	622863	24.219	ng	99
26) 2-Nitrophenol	7.73	139	142097	20.425	ng	95
27) 2,4-Dimethylphenol	7.77	122	261887	25.878	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	389086	24.070	ng	99
29) 2,4-Dichlorophenol	7.97	162	269436	25.923	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	309376	26.860	ng	99
31) Naphthalene	8.15	128	951042	26.628	ng	98
32) Benzoic acid	7.86	122	176577	26.619	ng	98
33) 4-Chloroaniline	8.19	127	407278	25.022	ng	99
34) Hexachlorobutadiene	8.26	225	183687	27.592	ng	99
35) Caprolactam	8.54	113	83645	24.599	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	271279	24.127	ng	99
37) 2-Methylnaphthalene	8.83	142	630914	25.814	ng	98
38) 1-Methylnaphthalene	8.93	142	594081	25.061	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	285631	25.749	ng	100

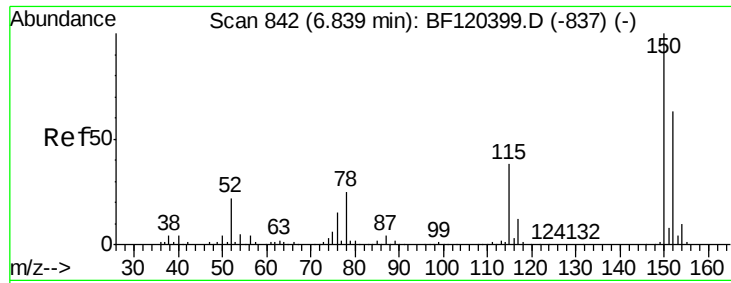
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	149301	38.044	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	196031	26.327	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	226670	26.507	ng	98
46) 1,1'-Biphenyl	9.30	154	746064	25.883	ng	98
47) 2-Chloronaphthalene	9.32	162	609131	26.345	ng	99
48) 2-Nitroaniline	9.41	65	168537	19.978	ng	97
49) Acenaphthylene	9.73	152	937526	26.545	ng	99
50) Dimethylphthalate	9.59	163	686190	24.675	ng	99
51) 2,6-Dinitrotoluene	9.65	165	144639	23.303	ng	98
52) Acenaphthene	9.91	154	573839	27.106	ng	99
53) 3-Nitroaniline	9.82	138	168620	22.781	ng	98
54) 2,4-Dinitrophenol	9.92	184	36170	12.345	ng	# 86
55) Dibenzofuran	10.08	168	862666	28.296	ng	96
56) 4-Nitrophenol	9.97	139	125507	31.557	ng	93
57) 2,4-Dinitrotoluene	10.05	165	182120	25.013	ng	99
58) Fluorene	10.42	166	633827	27.299	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	175402	27.256	ng	100
60) Diethylphthalate	10.30	149	689106	25.667	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	330438	27.373	ng	96
62) 4-Nitroaniline	10.43	138	157289	22.821	ng	99
63) Azobenzene	10.57	77	662741	26.118	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	57135	13.466	ng	94
66) n-Nitrosodiphenylamine	10.53	169	579451	24.966	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	211212	25.945	ng	95
68) Hexachlorobenzene	10.97	284	222850	26.166	ng	# 92
69) Atrazine	11.06	200	156740	22.569	ng	99
70) Pentachlorophenol	11.16	266	127683	35.250	ng	100
71) Phenanthrene	11.38	178	952467	27.019	ng	98
72) Anthracene	11.43	178	951180	25.204	ng	99
73) Carbazole	11.59	167	904769	25.659	ng	99
74) Di-n-butylphthalate	11.92	149	1080492	25.425	ng	99
75) Fluoranthene	12.57	202	1008607	26.694	ng	98
77) Benzidine	12.69	184	366663	20.516	ng	99
78) Pyrene	12.80	202	1040671	23.851	ng	98
80) Butylbenzylphthalate	13.42	149	413955	20.148	ng	95
81) Benzo(a)anthracene	13.98	228	831927	25.772	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	284172	23.360	ng	99
83) Chrysene	14.02	228	858595	24.770	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	521579	20.405	ng	100
85) Di-n-octyl phthalate	14.59	149	852978	18.549	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	700338	23.911	ng	99
88) Benzo(b)fluoranthene	15.02	252	731504	24.225	ng	99
89) Benzo(k)fluoranthene	15.05	252	730860	27.936	ng	98
90) Benzo(a)pyrene	15.38	252	645919	23.851	ng	100
91) Dibenzo(a,h)anthracene	16.89	278	586310	24.439	ng	99
92) Benzo(g,h,i)perylene	17.30	276	547522	22.632	ng	99

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

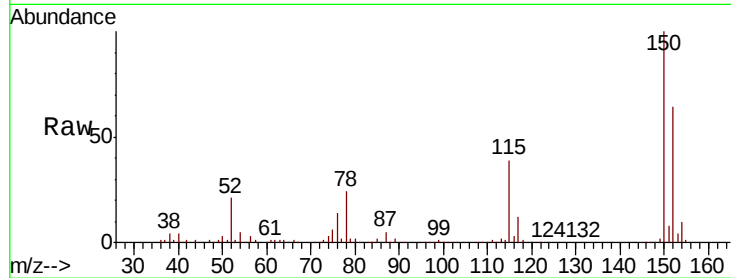


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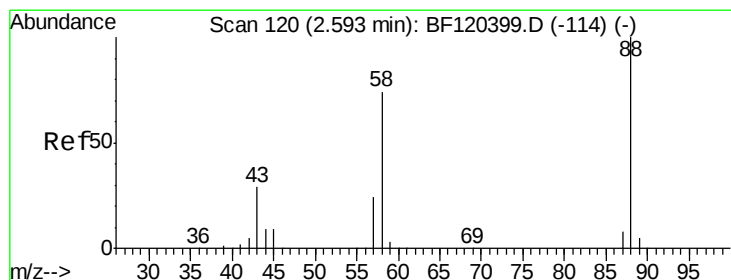
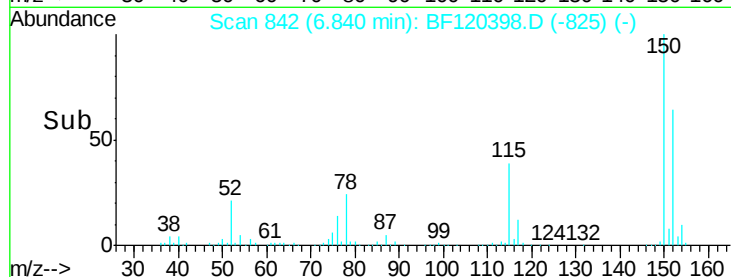
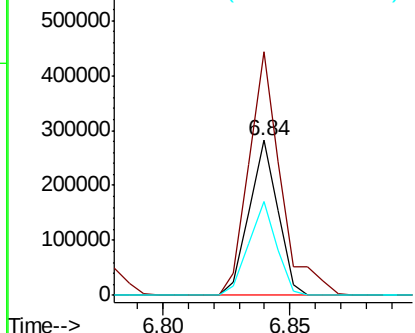
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:152 Resp: 223211
Ion Ratio Lower Upper
152 100
150 156.9 126.5 189.7
115 60.4 47.6 71.4



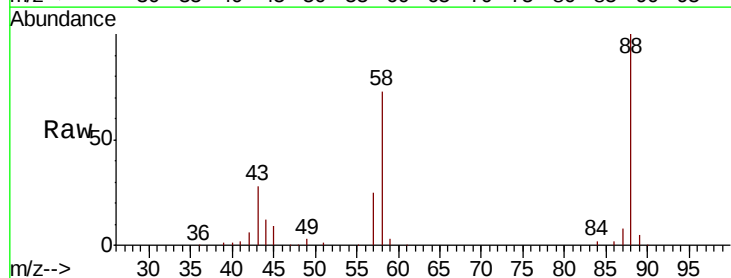
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



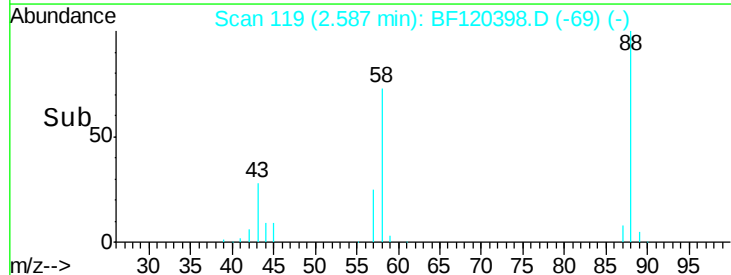
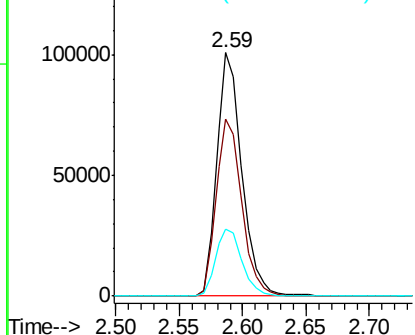
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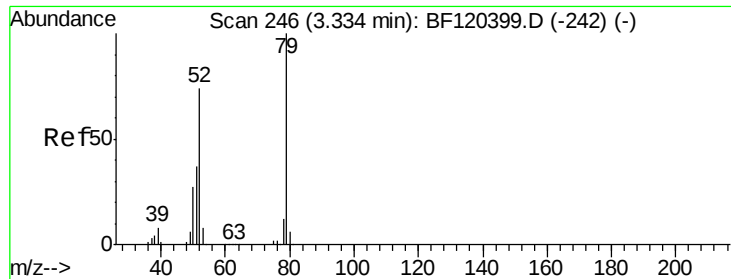
1,4-Dioxane
Concen: 30.653 ng
RT: 2.59 min Scan# 119
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion: 88 Resp: 139885
Ion Ratio Lower Upper
88 100
58 74.3 61.0 91.4
43 28.8 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: 26.546 ng

RT: 3.33 min Scan# 245

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

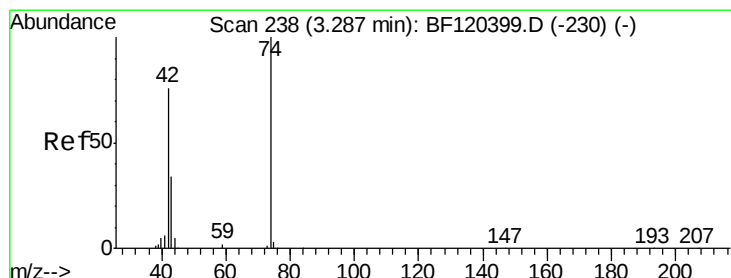
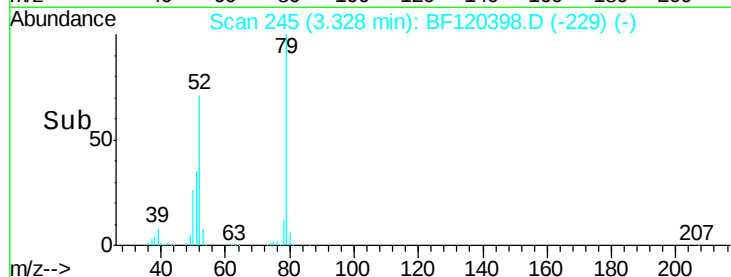
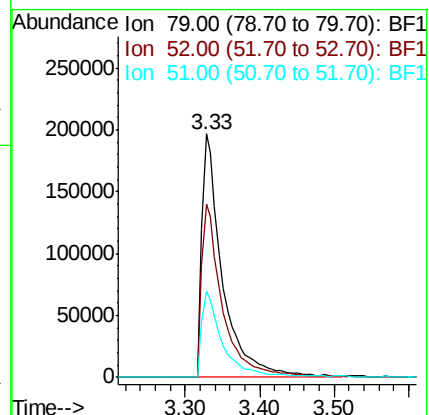
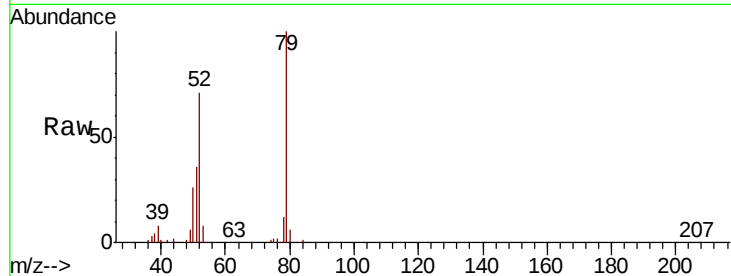
Tot Ion: 79 Resp: 380808

Ion Ratio Lower Upper

79 100

52 71.4 59.2 88.8

51 35.6 29.4 44.2



#4

n-Nitrosodimethylamine

Concen: 28.114 ng

RT: 3.27 min Scan# 235

Delta R.T. -0.02 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

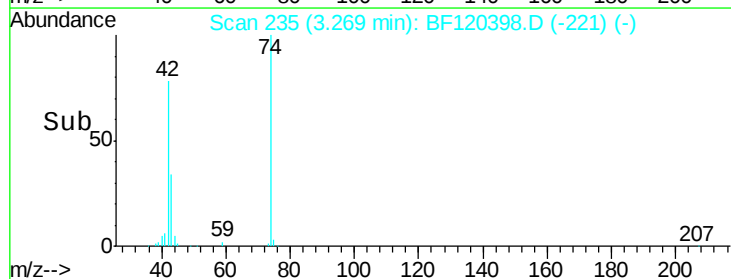
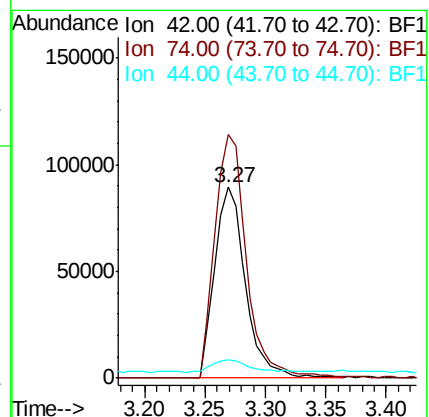
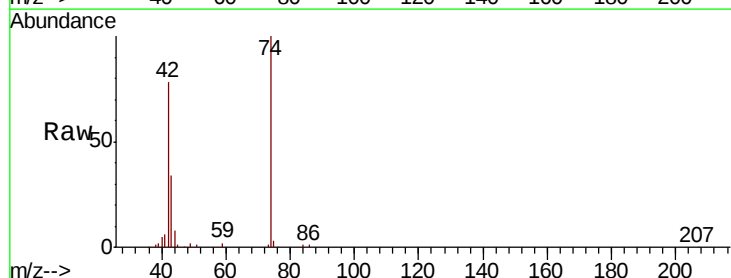
Tgt Ion: 42 Resp: 157919

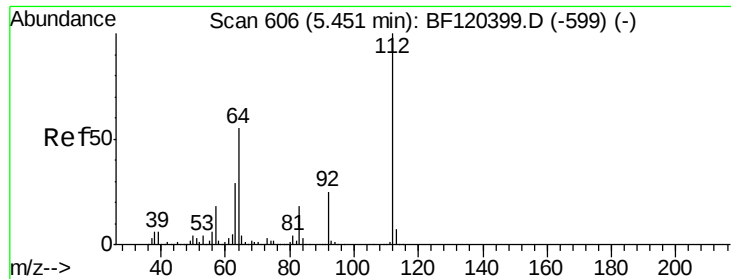
Ion Ratio Lower Upper

42 100

74 127.4 104.8 157.2

44 9.7 7.0 10.4





#5

2-Fluorophenol

Concen: 51.332 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

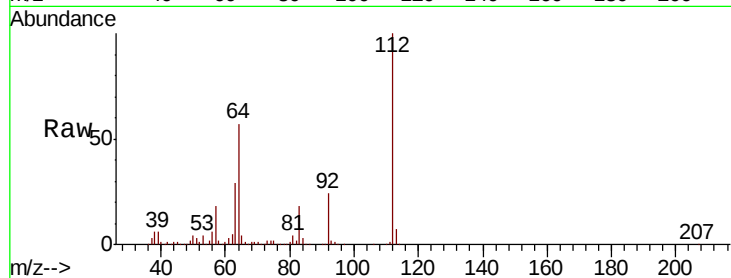
Tot Ion:112 Resp: 588884

Ion Ratio Lower Upper

112 100

64 56.8 44.3 66.5

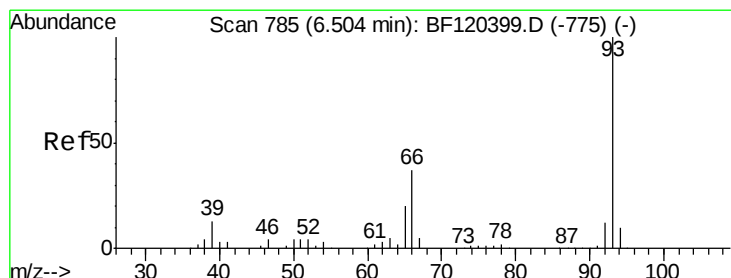
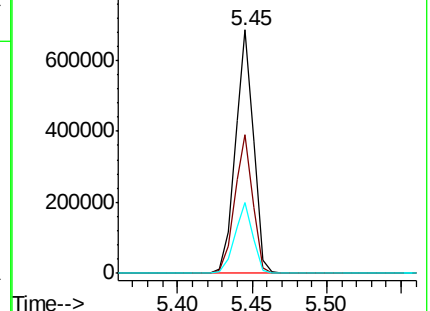
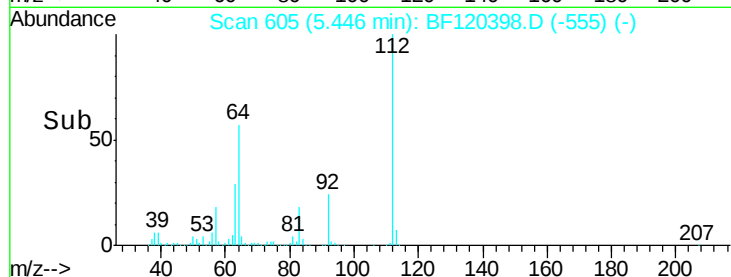
63 28.9 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.564 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

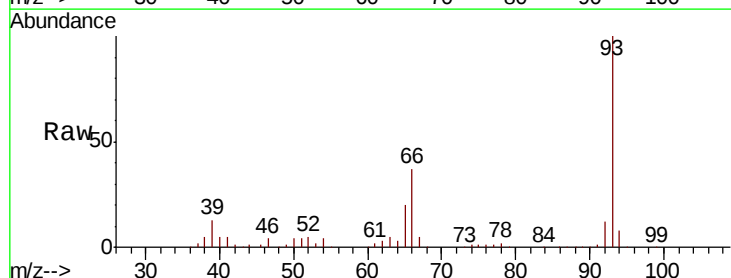
Tgt Ion: 93 Resp: 492845

Ion Ratio Lower Upper

93 100

66 37.0 30.4 45.6

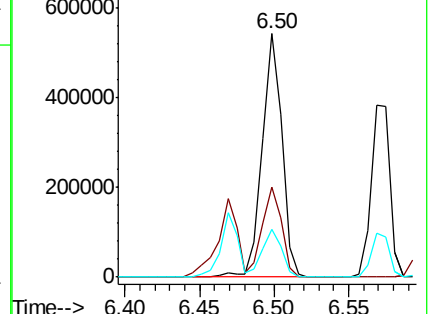
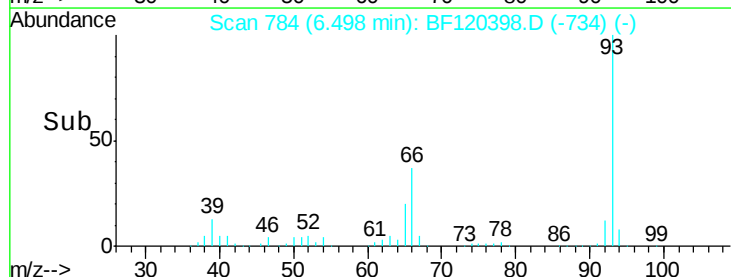
65 19.8 16.3 24.5

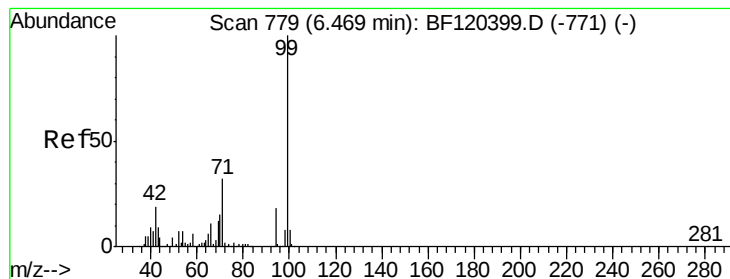


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.282 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

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SSTDIC020

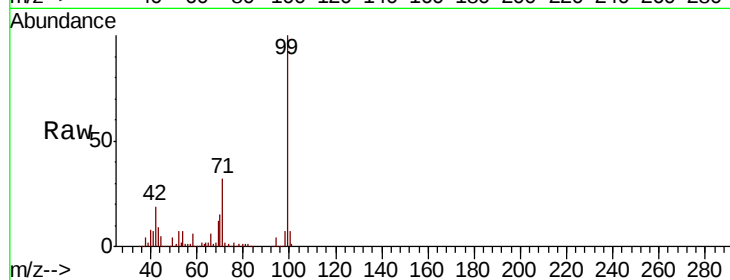
Tot Ion: 99 Resp: 729465

Ion Ratio Lower Upper

99 100

42 18.7 15.2 22.8

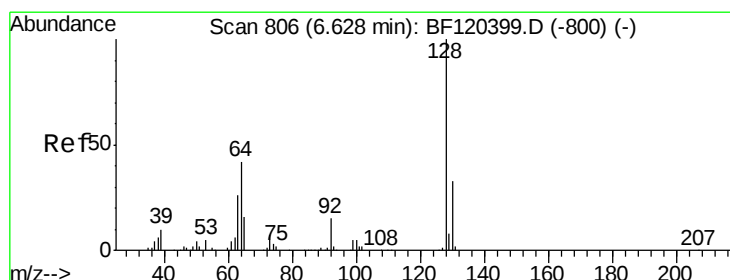
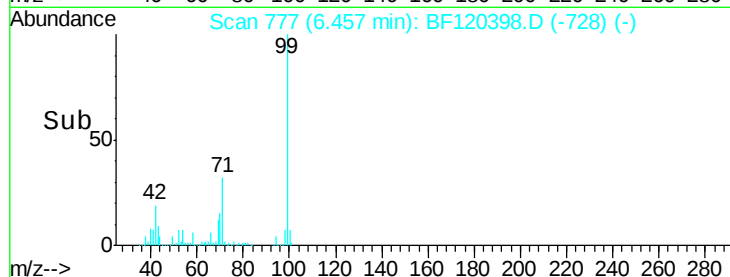
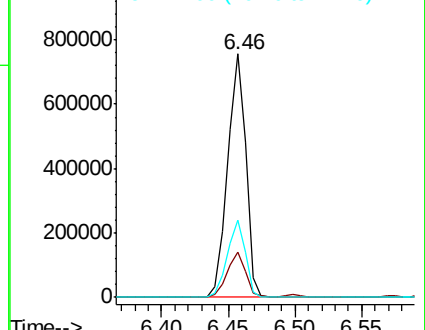
71 31.6 25.6 38.4



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: 24.865 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

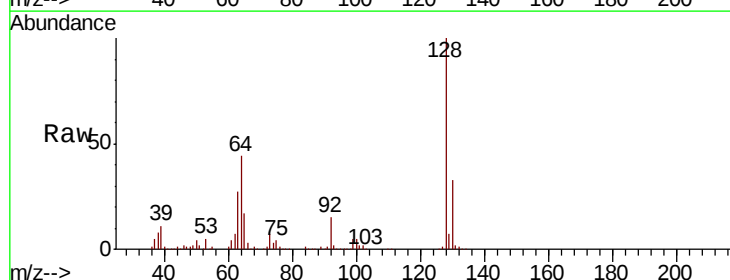
Tgt Ion: 128 Resp: 332597

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

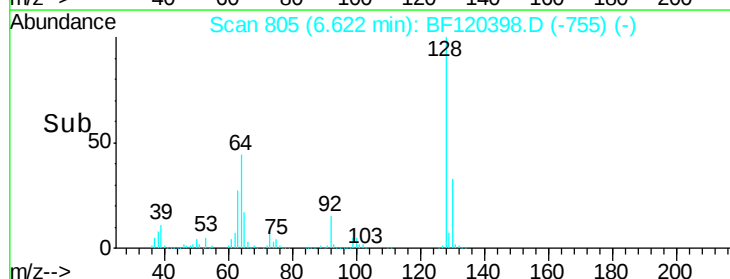
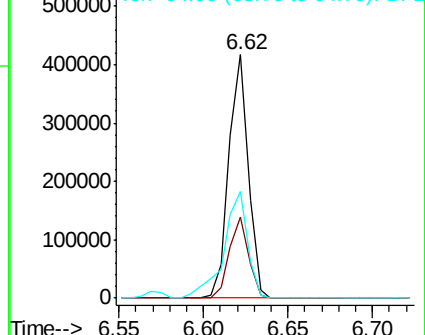
64 43.7 23.2 63.2

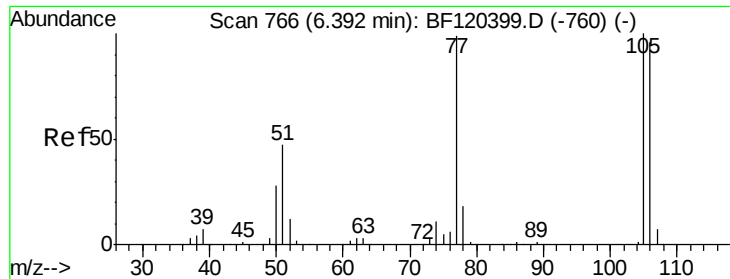


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.178 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

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SSTDIC020

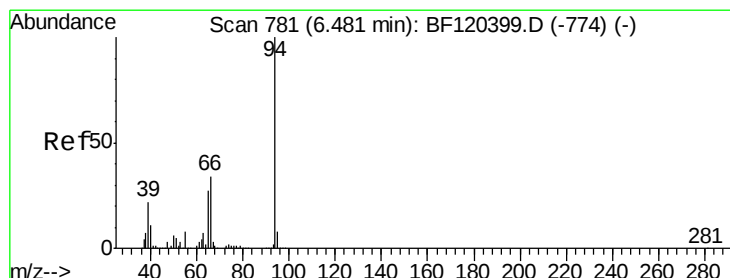
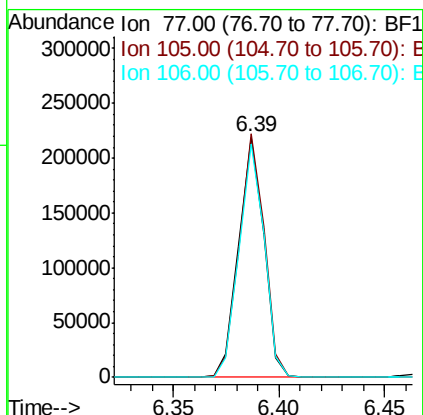
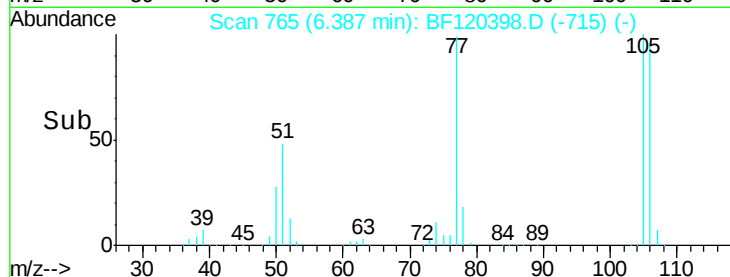
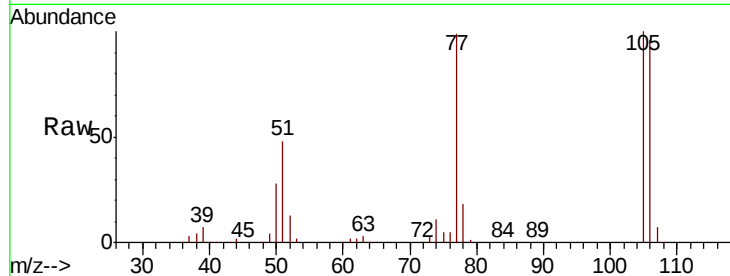
Tot Ion: 77 Resp: 180456

Ion Ratio Lower Upper

77 100

105 101.4 81.5 121.5

106 97.5 77.4 117.4



#10

Phenol

Concen: 22.917 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

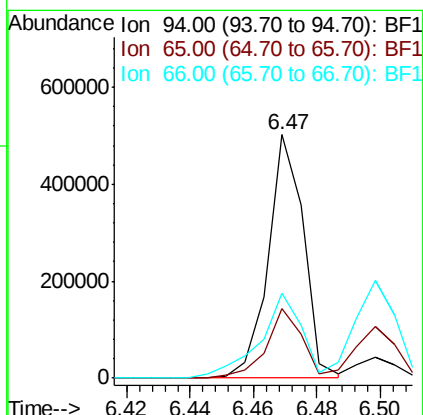
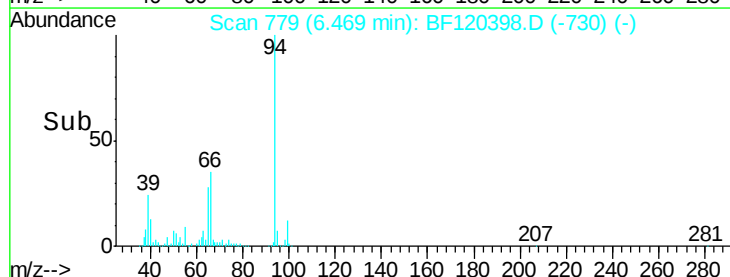
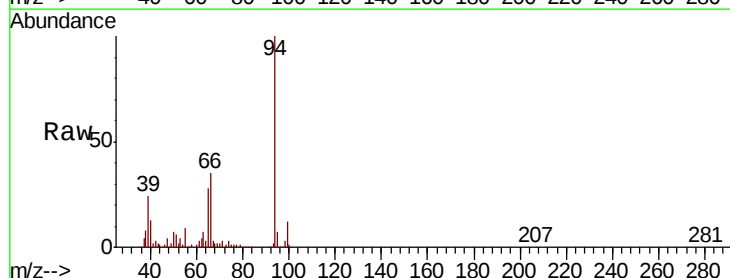
Tgt Ion: 94 Resp: 388105

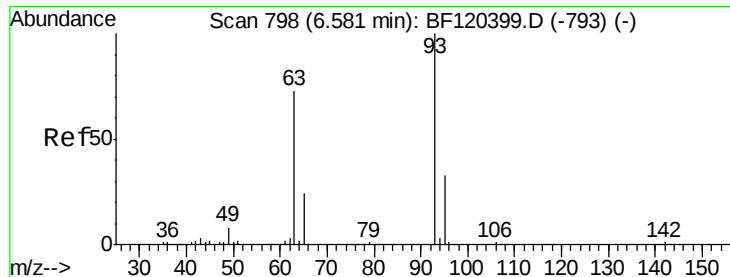
Ion Ratio Lower Upper

94 100

65 28.4 6.8 46.8

66 35.0 13.9 53.9

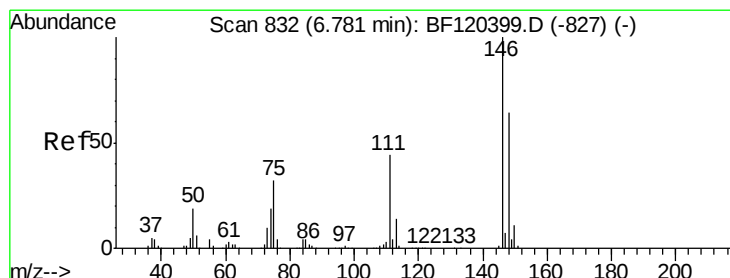
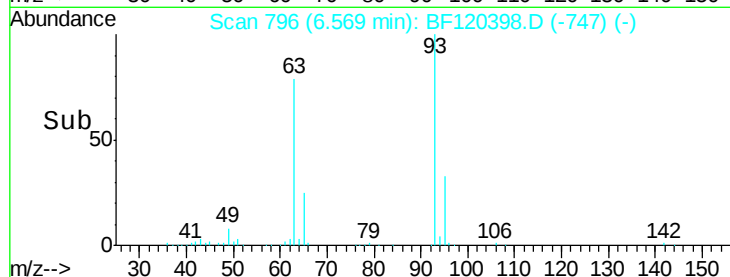
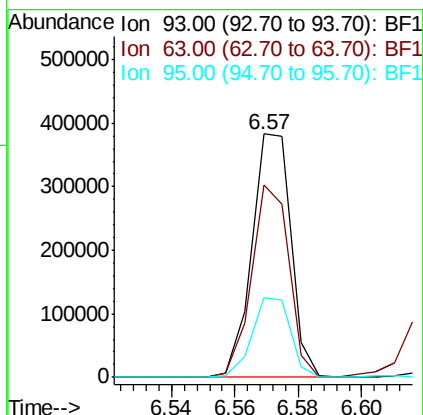
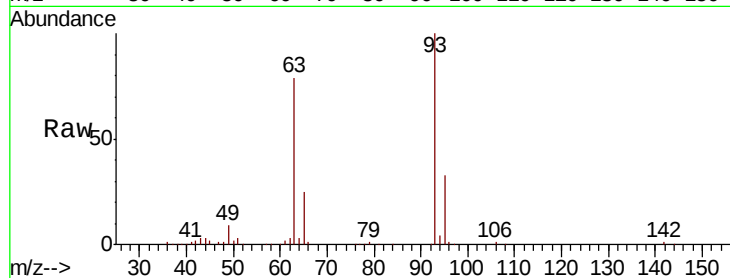




#11
bis(2-Chloroethyl)ether
Concen: 24.222 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

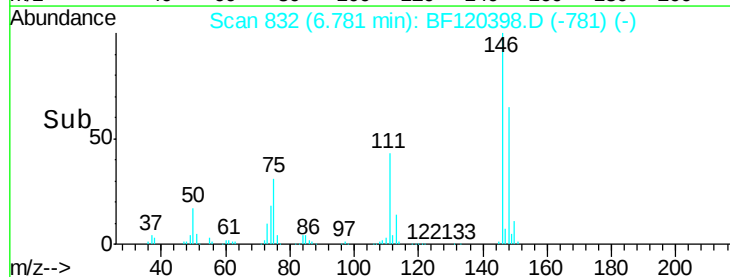
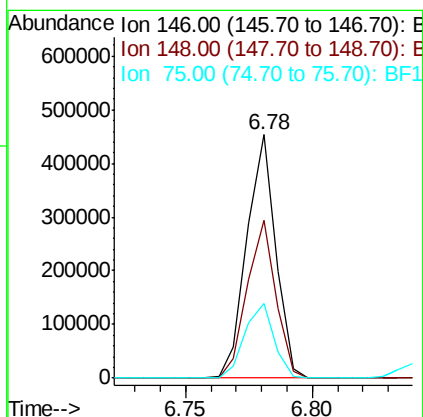
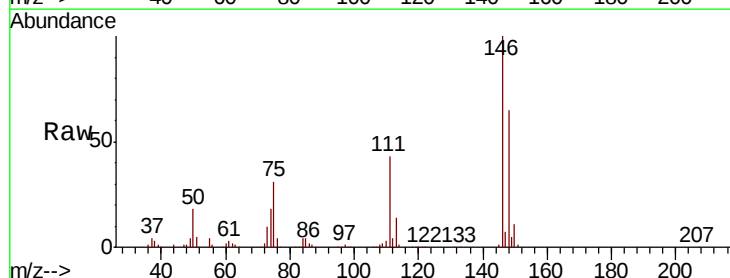
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

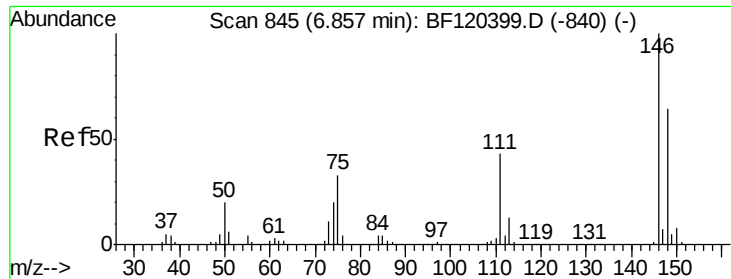
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	52.8	92.8
95	32.8	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 25.208 ng
RT: 6.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
75	30.7	25.9	38.9

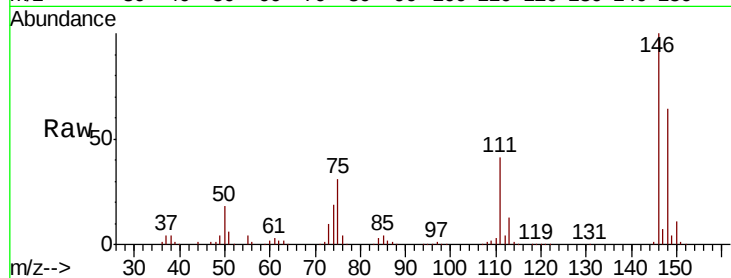




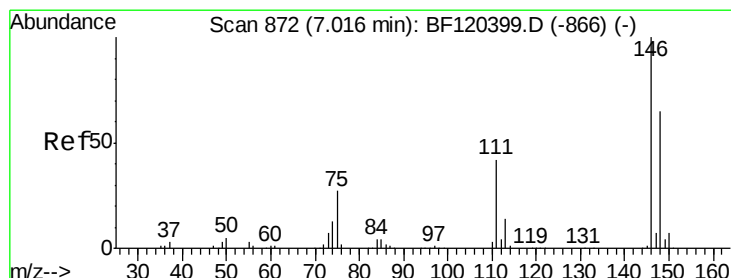
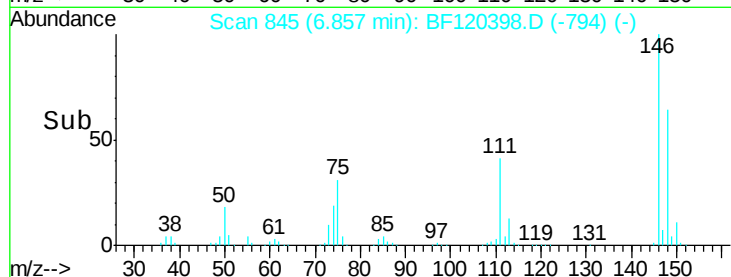
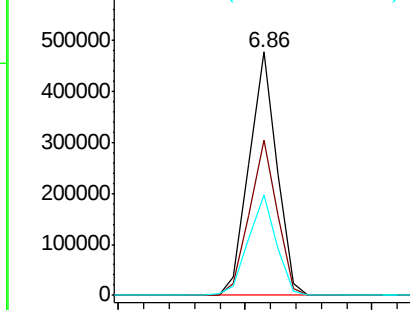
#13
 1,4-Dichlorobenzene
 Concen: 24.713 ng
 RT: 6.86 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:146 Resp: 364306
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 41.1 34.2 51.4

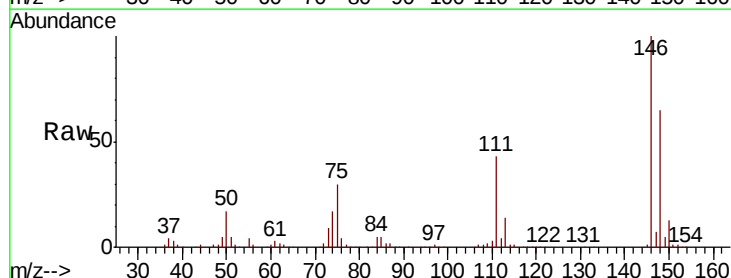


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

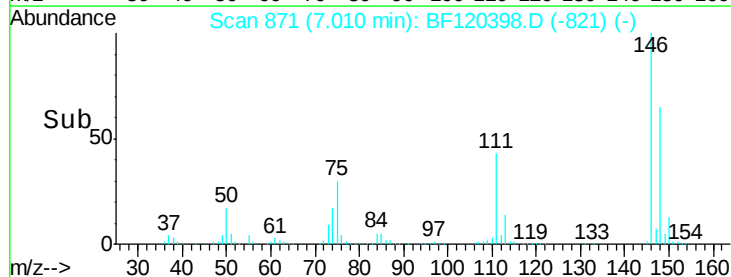
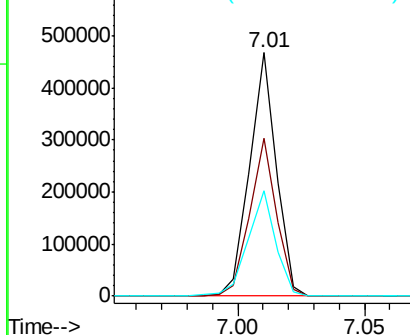


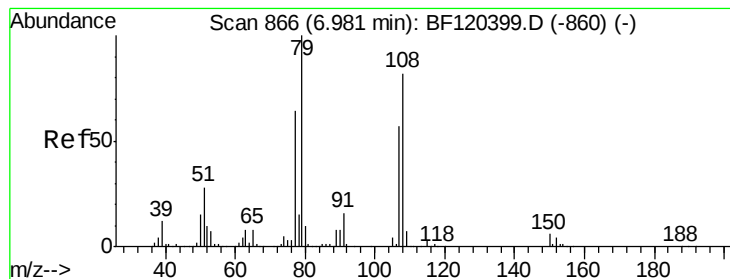
#14
 1,2-Dichlorobenzene
 Concen: 25.868 ng
 RT: 7.01 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:146 Resp: 343401
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 43.5 33.9 50.9



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





#15

Benzyl Alcohol

Concen: 26.181 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

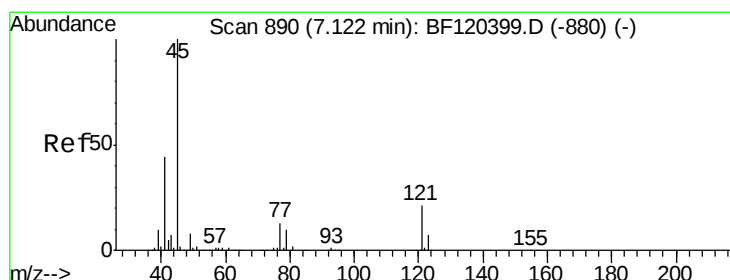
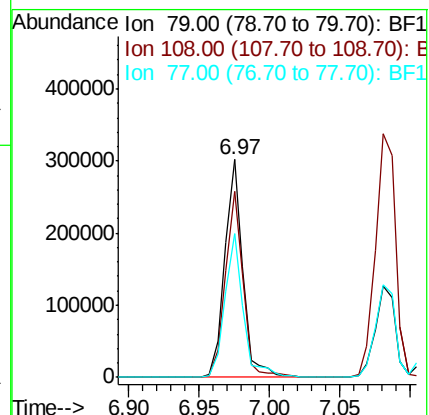
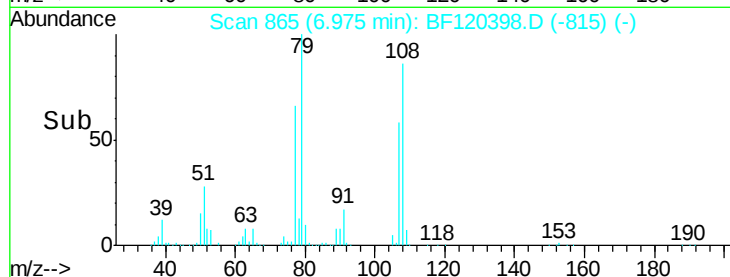
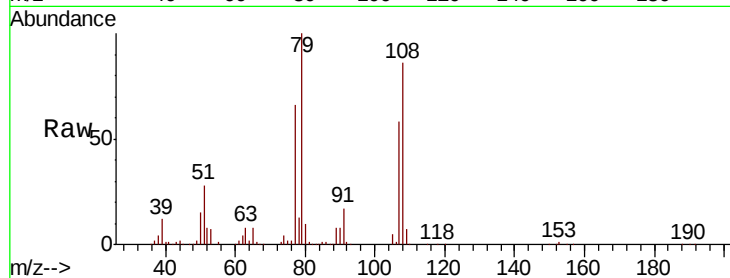
Tot Ion: 79 Resp: 269838

Ion Ratio Lower Upper

79 100

108 85.7 65.8 98.8

77 65.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.904 ng

RT: 7.12 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

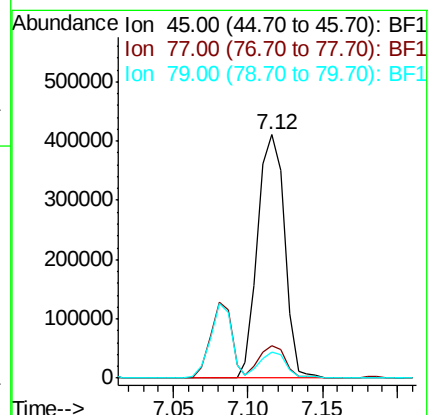
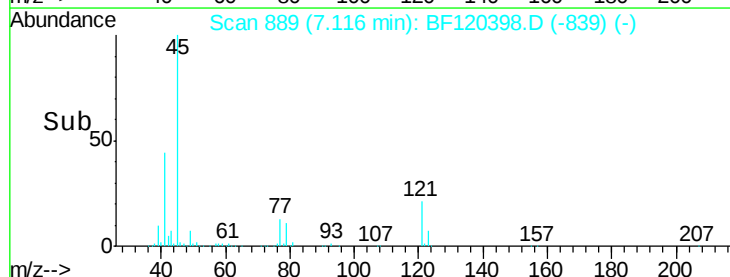
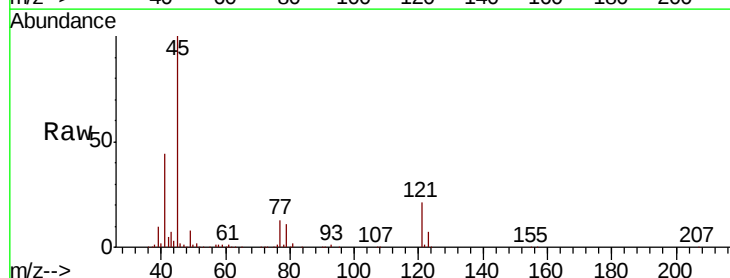
Tgt Ion: 45 Resp: 509594

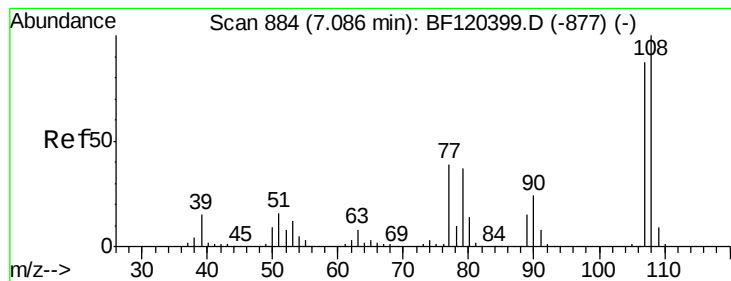
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.5

79 10.5 0.0 30.3

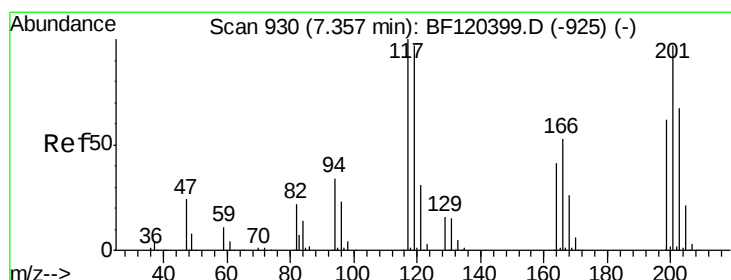
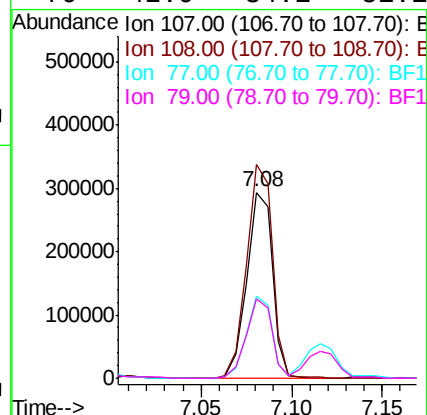
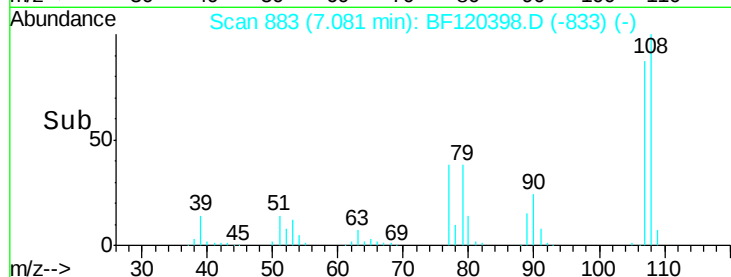
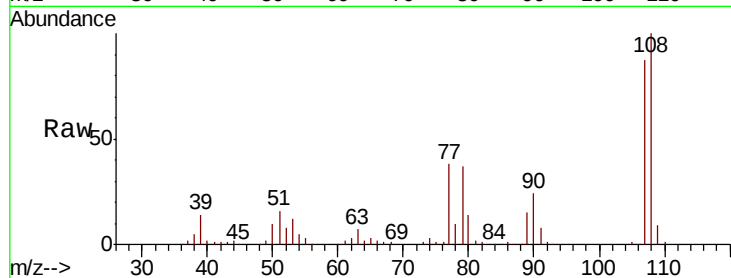




#17
2-Methylphenol
Concen: 25.599 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

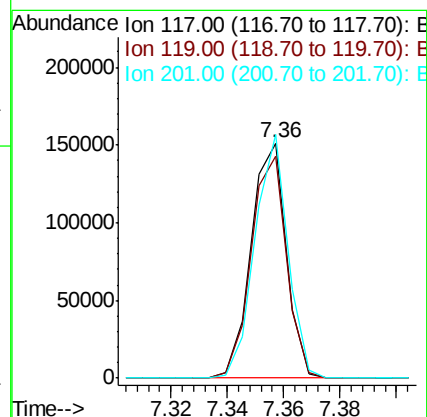
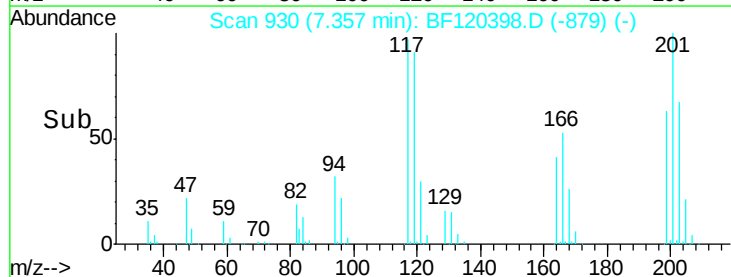
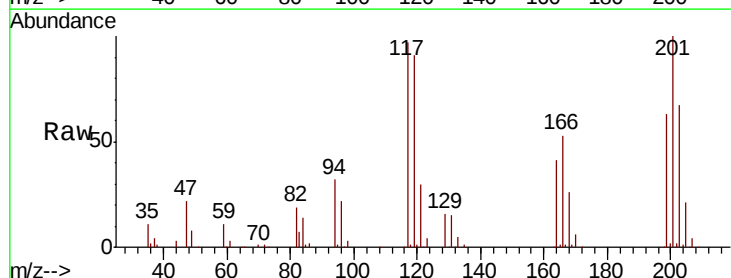
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

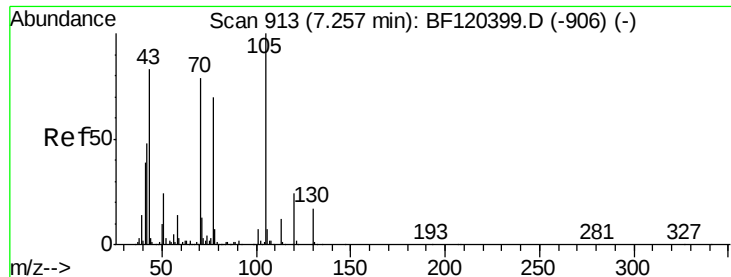
Tot Ion:	107	Resp:	289063
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.3	138.5
77	43.9	35.7	53.5
79	42.9	34.1	51.1



#18
Hexachloroethane
Concen: 23.297 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:	117	Resp:	130834
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.2
201	103.5	77.7	116.5

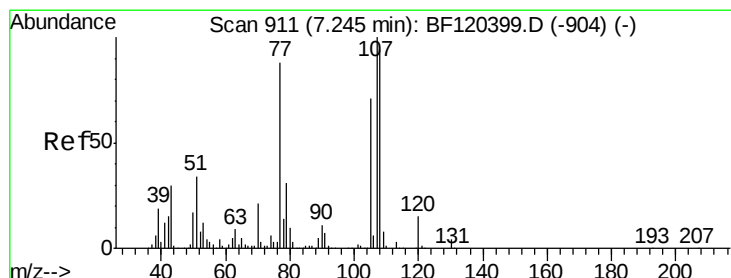
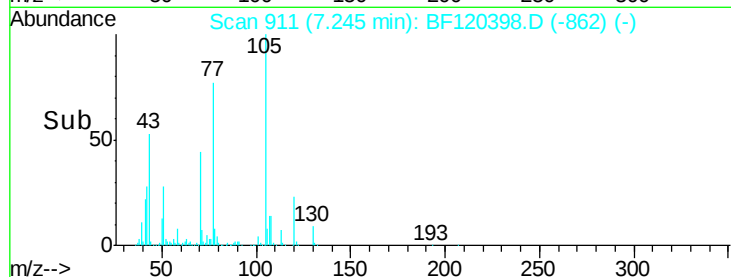
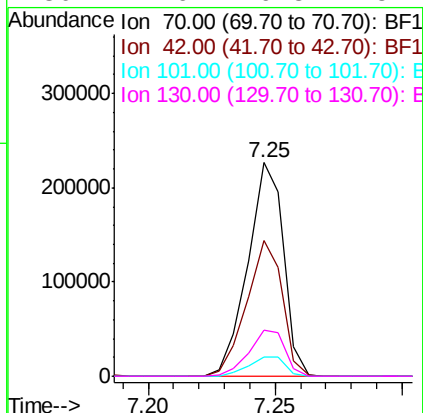
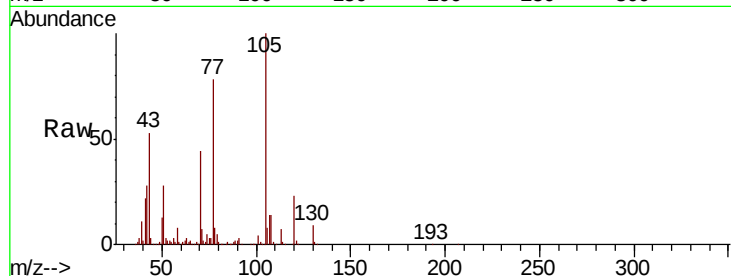




#19
n-Nitroso-di-n-propylamine
Concen: 23.332 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

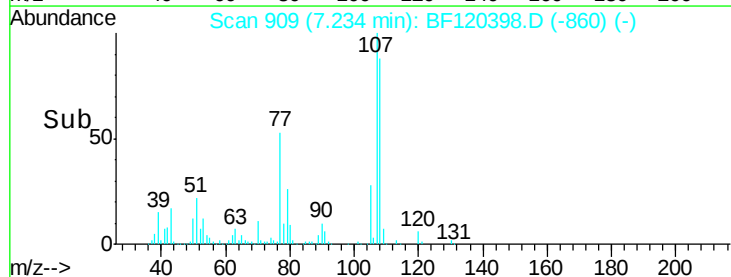
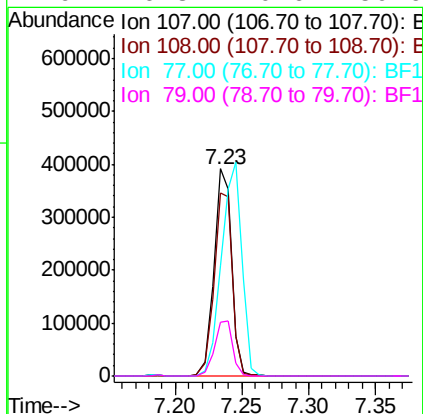
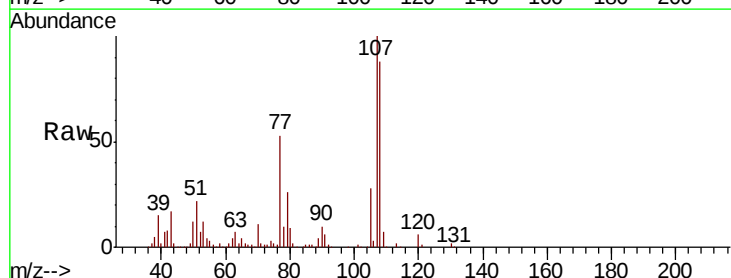
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

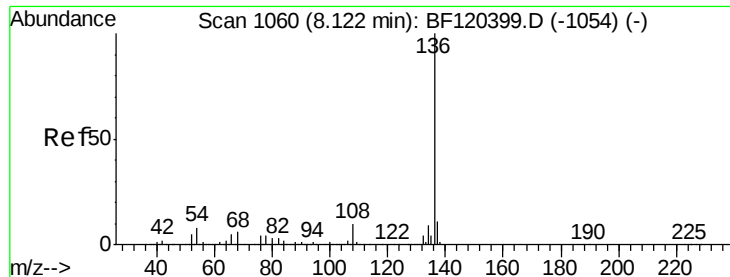
Tot Ion:	70	Resp:	221751
Ion	Ratio	Lower	Upper
70	100		
42	63.7	48.9	73.3
101	9.1	7.4	11.2
130	21.6	16.8	25.2



#20
3+4-Methylphenols
Concen: 24.879 ng
RT: 7.23 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:	107	Resp:	365251
Ion	Ratio	Lower	Upper
107	100		
108	88.2	74.4	114.4
77	53.2	67.6	107.6#
79	26.3	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: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:136 Resp: 846250

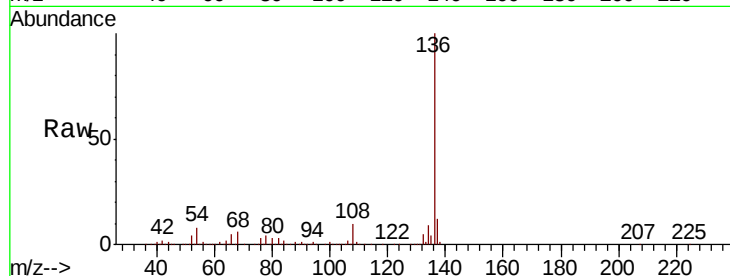
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.0 6.7 10.1

68 6.1 5.0 7.4

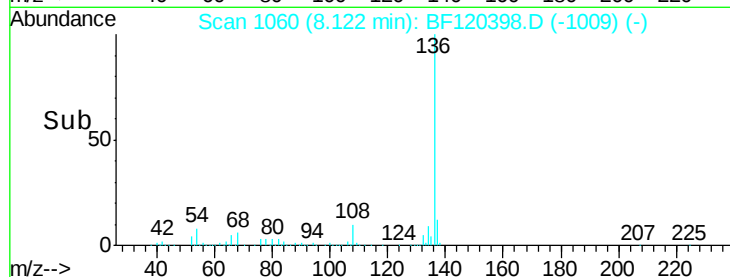


Abundance Ion 136.00 (135.70 to 136.70): E

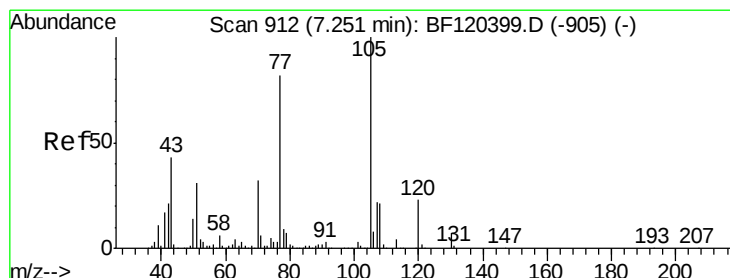
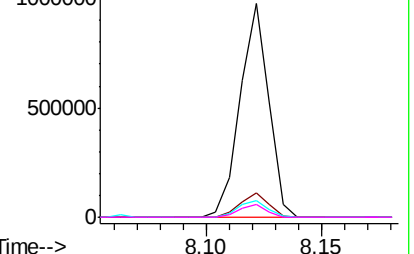
1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 25.544 ng

RT: 7.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Tgt Ion:105 Resp: 442833

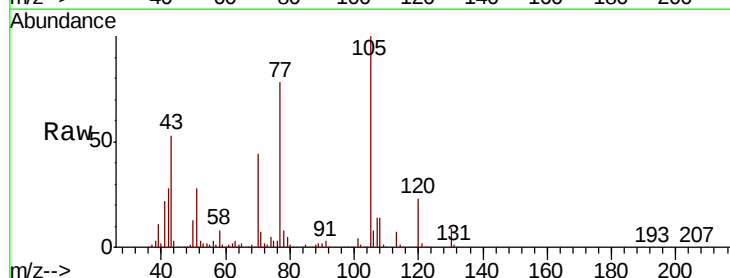
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 28.5 24.5 36.7

120 22.6 18.2 27.2

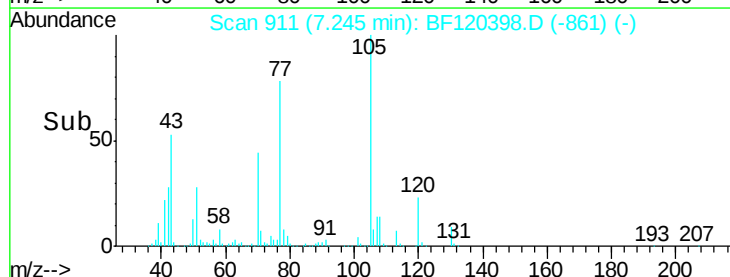


Abundance Ion 105.00 (104.70 to 105.70): E

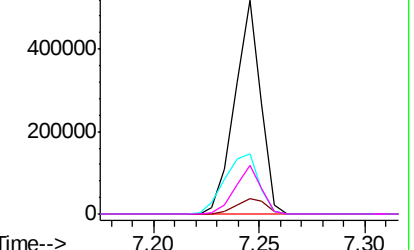
800000 Ion 71.00 (70.70 to 71.70): BF1

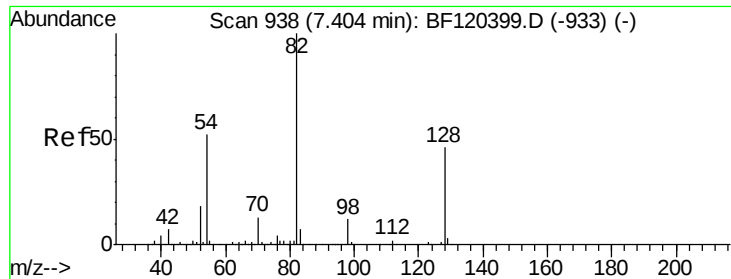
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

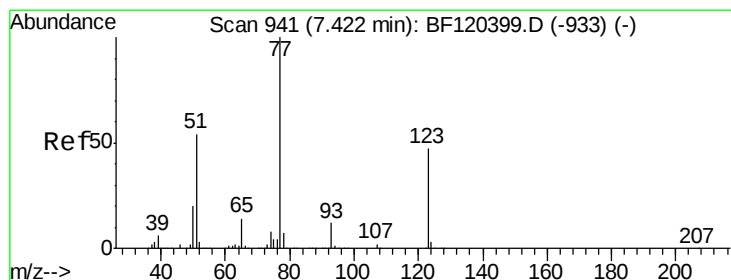
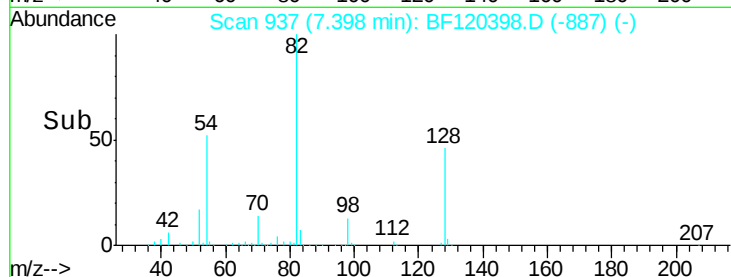
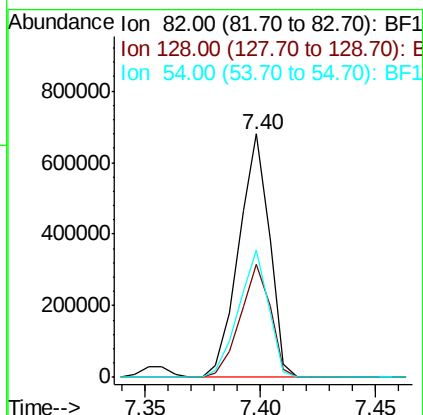
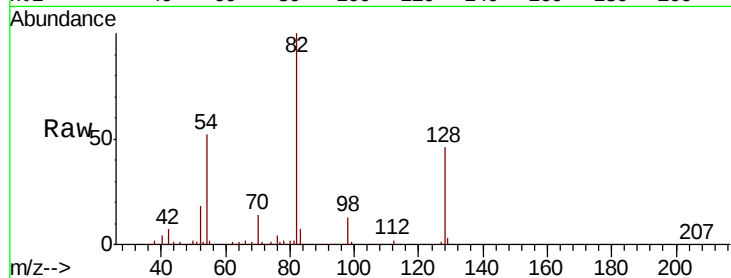




#23
 Nitrobenzene-d5
 Concen: 50.864 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

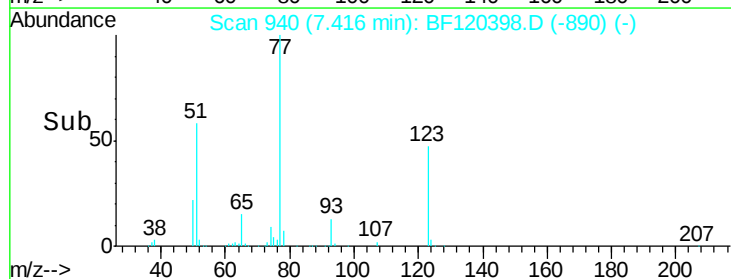
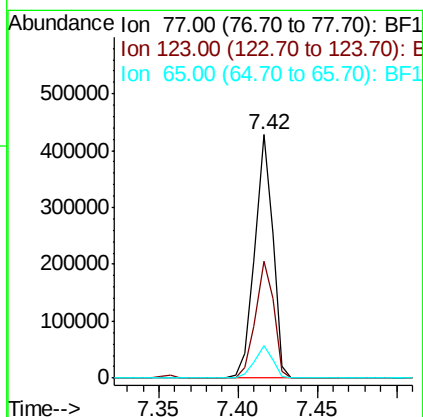
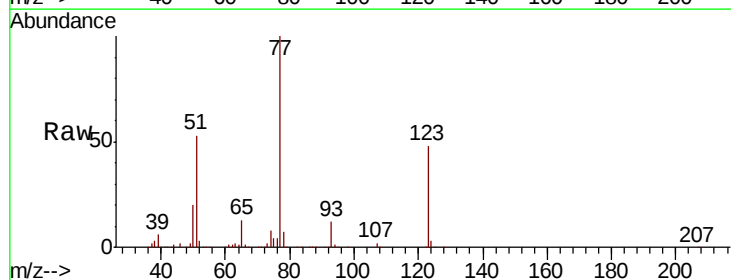
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

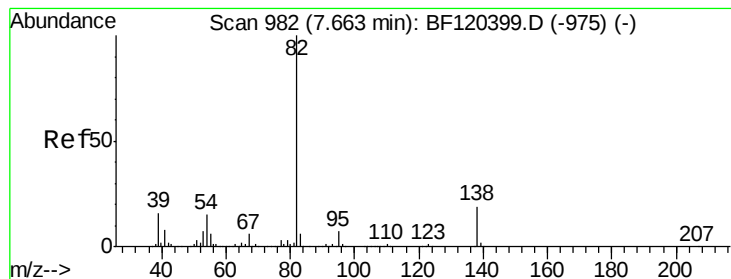
Tot Ion	82	Resp	628677
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.8	55.2
54	52.1	41.6	62.4



#24
 Nitrobenzene
 Concen: 25.574 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion	77	Resp	340190
Ion Ratio	Lower	Upper	
77	100		
123	47.9	37.8	56.6
65	13.2	11.3	16.9





#25

Isophorone

Concen: 24.219 ng

RT: 7.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

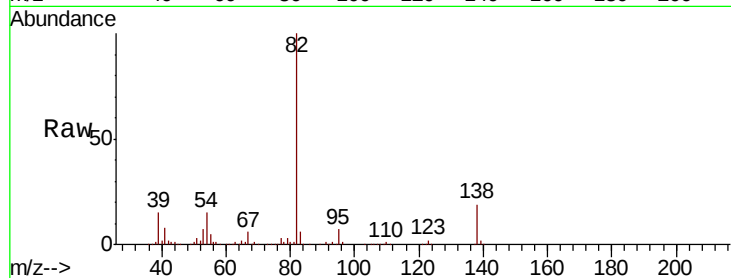
Tot Ion: 82 Resp: 622863

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 18.9 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): BF1

7.66

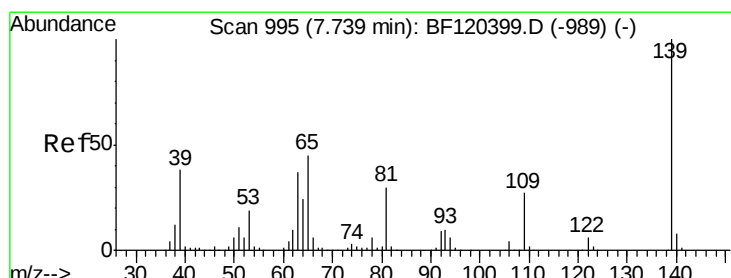
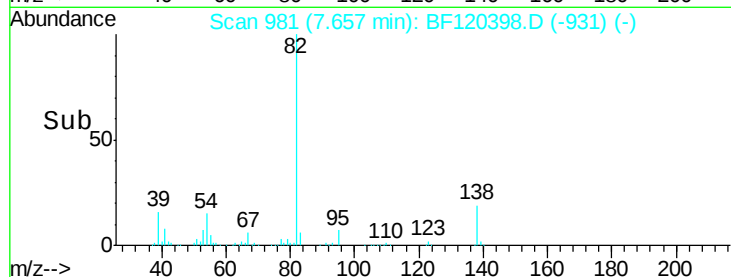
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 20.425 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

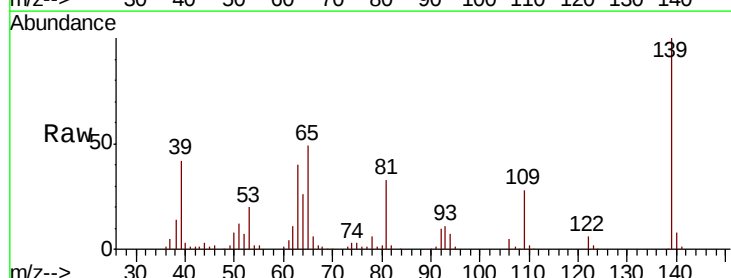
Tgt Ion: 139 Resp: 142097

Ion Ratio Lower Upper

139 100

109 27.9 21.2 31.8

65 49.1 35.8 53.6



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

250000

200000

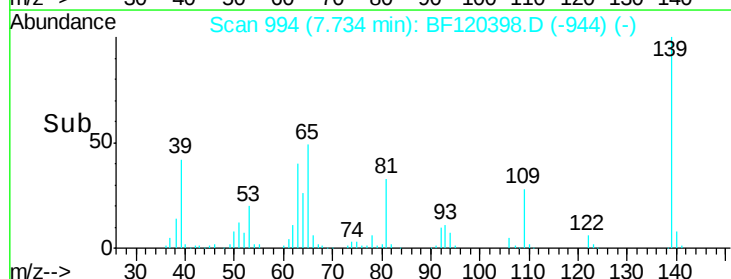
150000

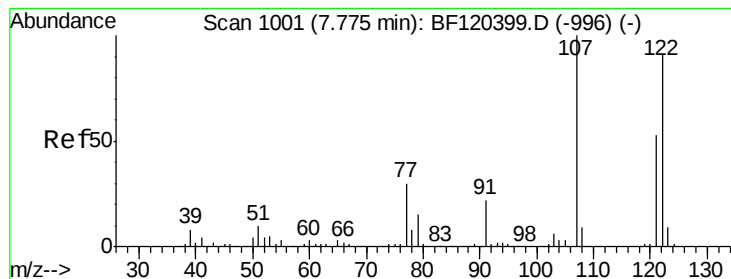
100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 25.878 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

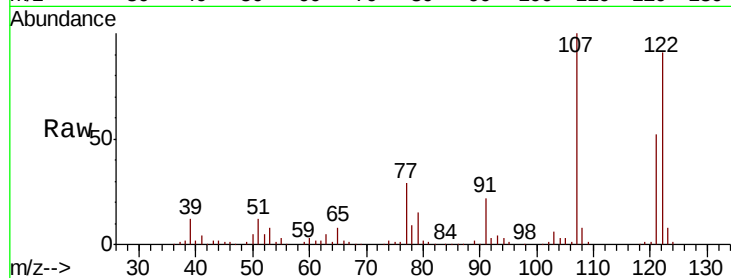
Tot Ion:122 Resp: 261887

Ion Ratio Lower Upper

122 100

107 109.8 87.3 130.9

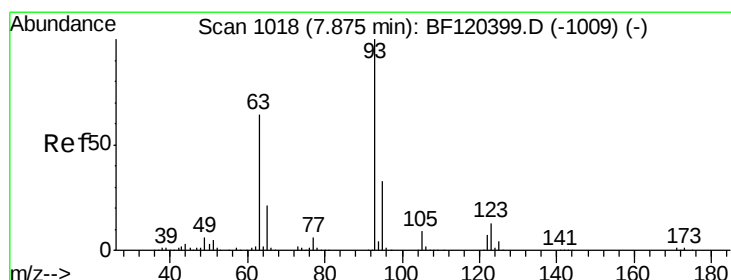
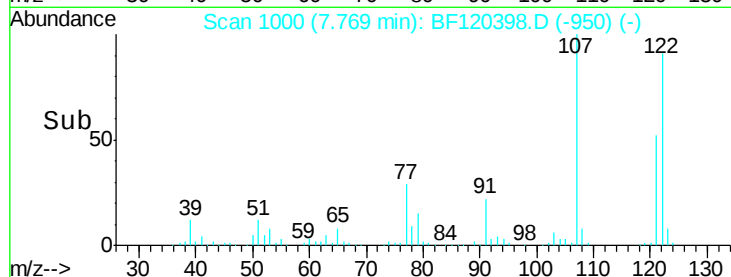
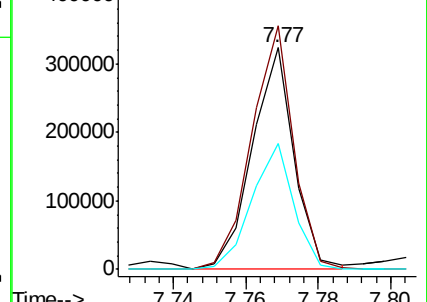
121 57.0 46.2 69.2



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: 24.070 ng

RT: 7.87 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

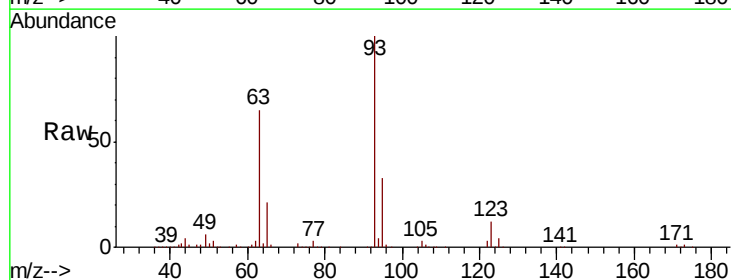
Tgt Ion: 93 Resp: 389086

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

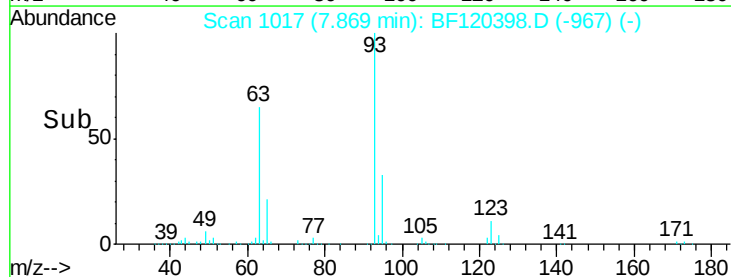
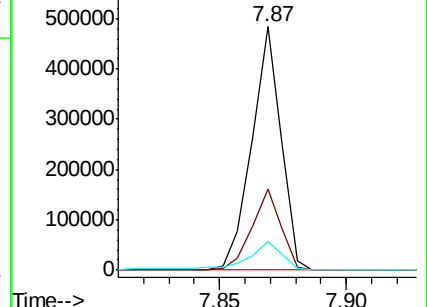
123 11.5 10.3 15.5

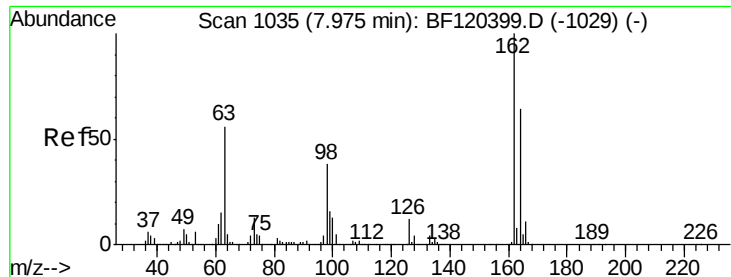


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

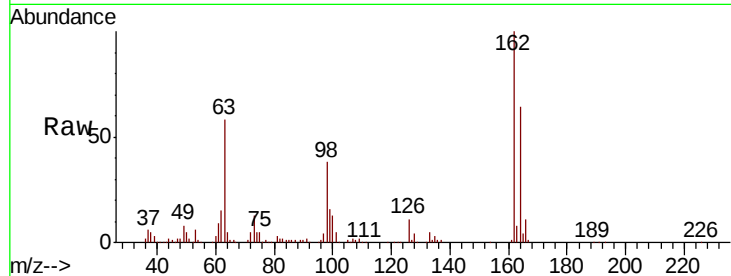




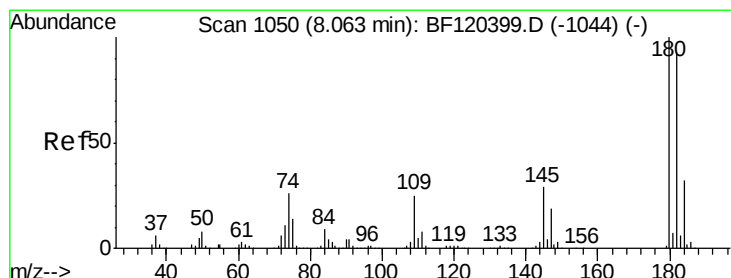
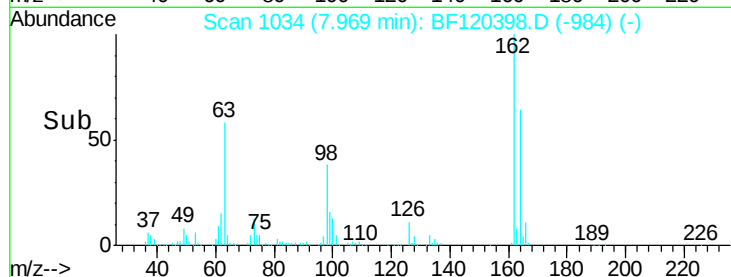
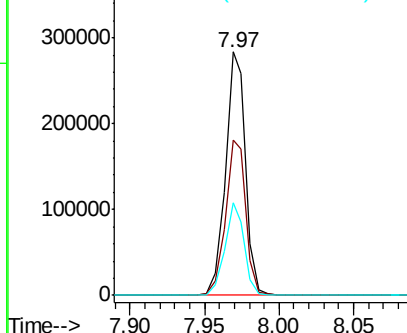
#29
 2,4-Dichlorophenol
 Concen: 25.923 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	37.8	17.8	57.8

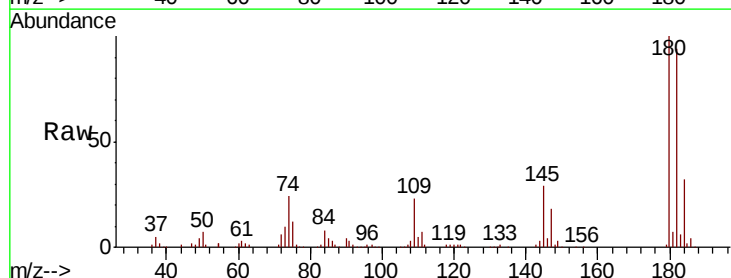


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

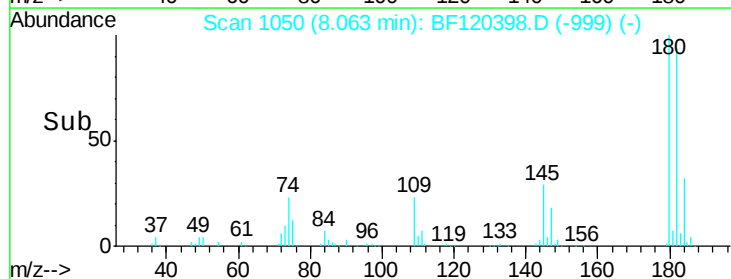
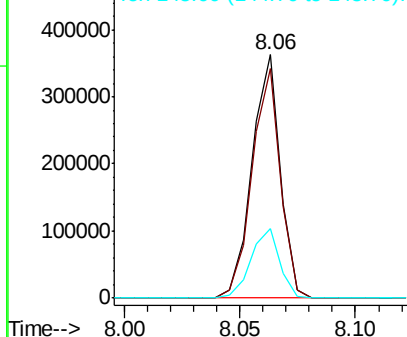


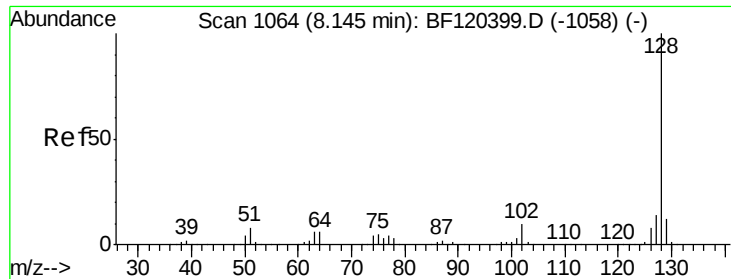
#30
 1,2,4-Trichlorobenzene
 Concen: 26.860 ng
 RT: 8.06 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.6	111.8
145	28.7	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

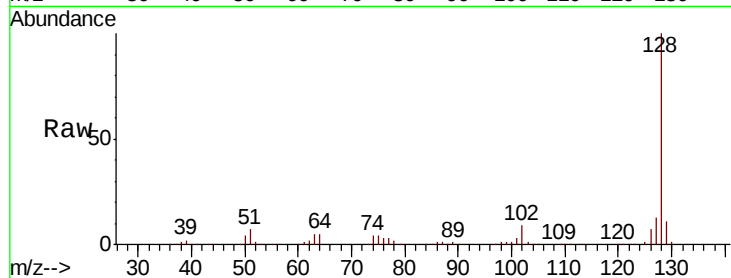




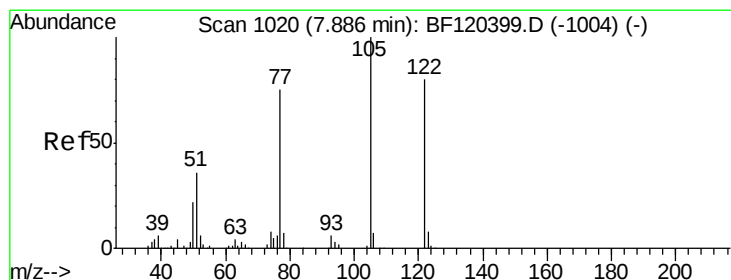
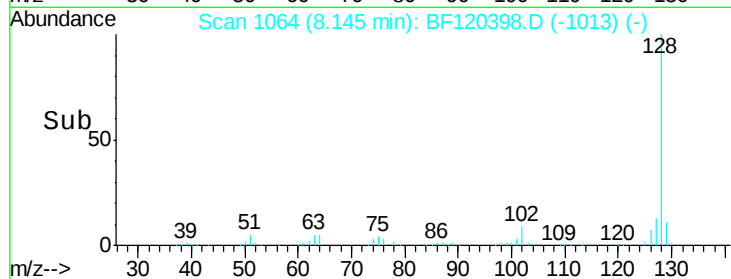
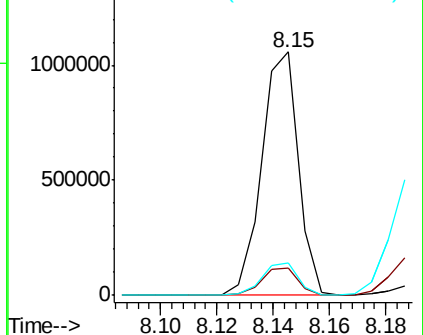
#31
Naphthalene
Concen: 26.628 ng
RT: 8.15 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:128 Resp: 951042
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 13.3 11.0 16.6

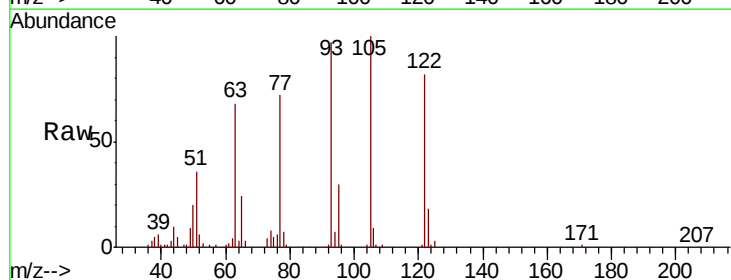


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

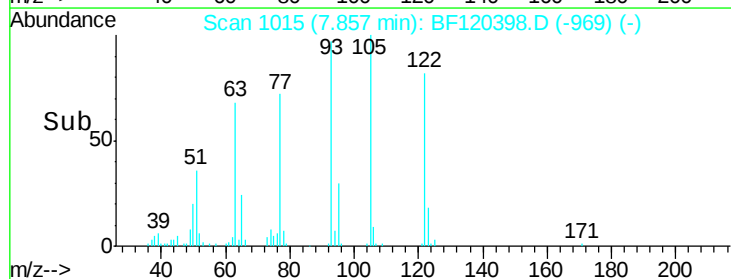
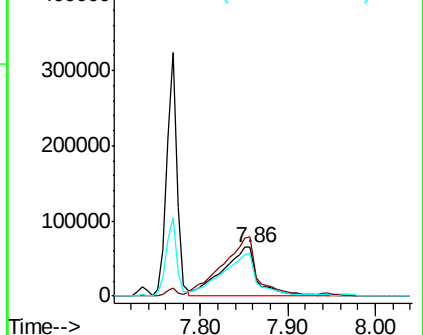


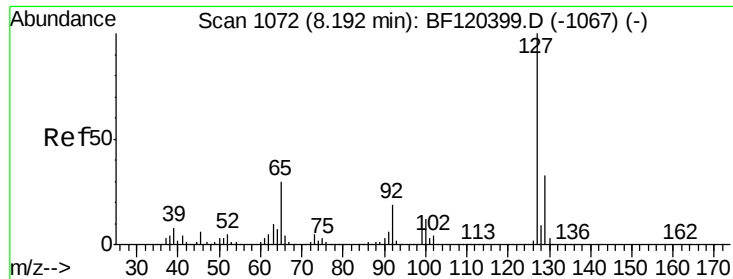
#32
Benzoic acid
Concen: 26.619 ng
RT: 7.86 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:122 Resp: 176577
Ion Ratio Lower Upper
122 100
105 121.8 101.1 141.1
77 87.4 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

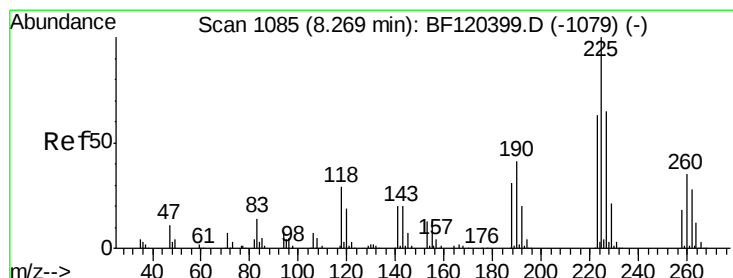
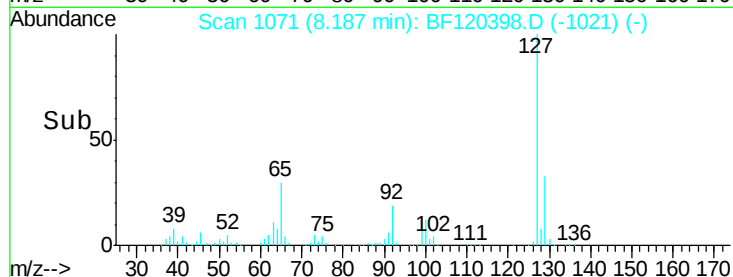
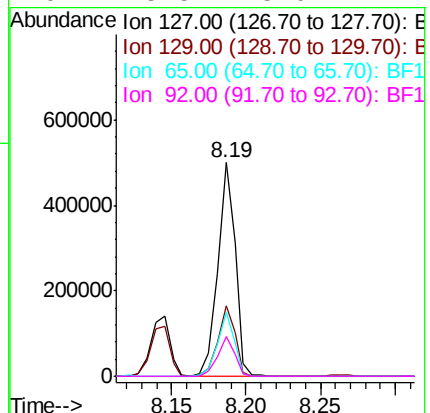
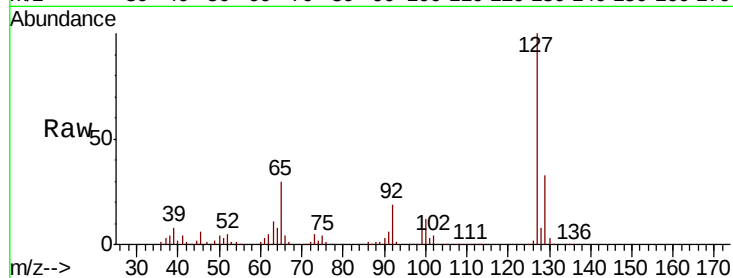




#33
4-Chloroaniline
Concen: 25.022 ng
RT: 8.19 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

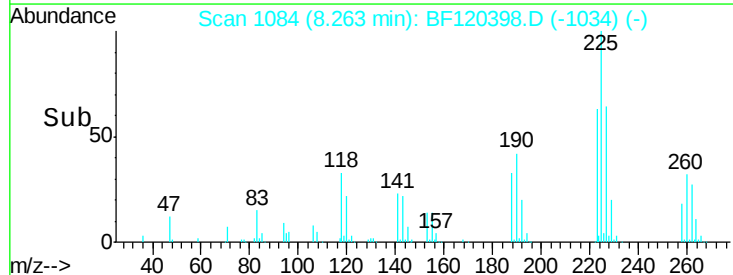
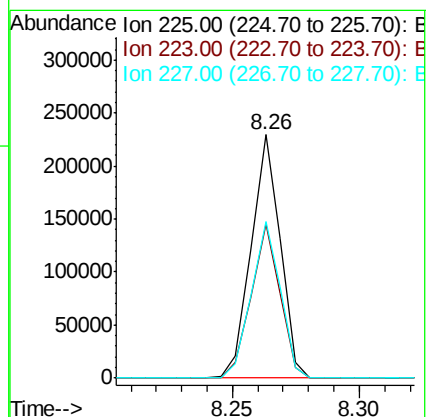
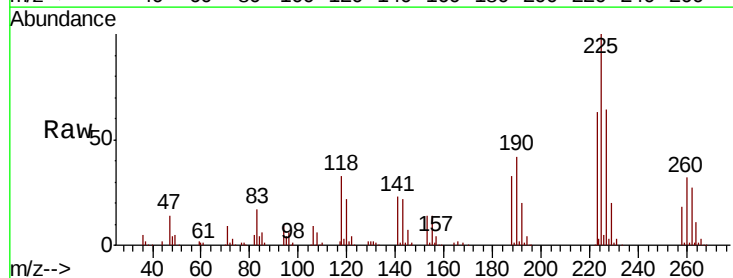
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

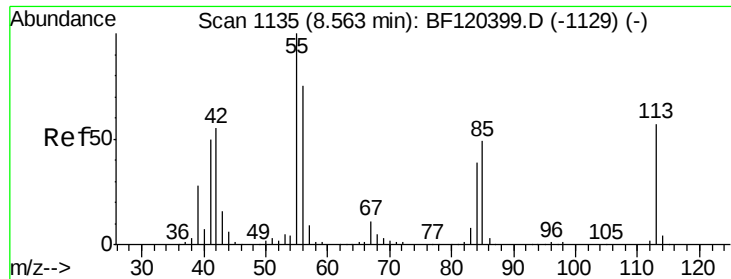
Tot Ion:	127	Resp:	407278
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	30.0	23.7	35.5
92	18.5	15.0	22.4



#34
Hexachlorobutadiene
Concen: 27.592 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:	225	Resp:	183687
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	64.5	52.1	78.1

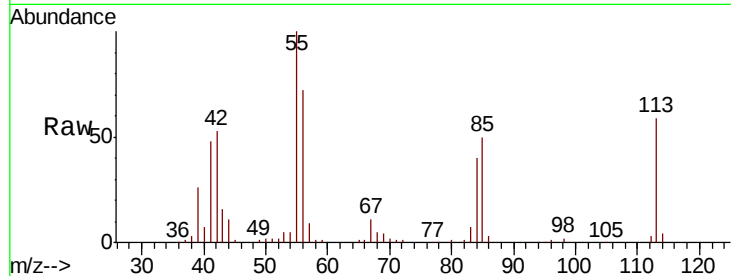




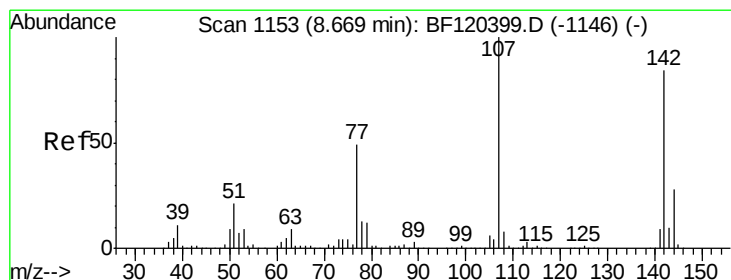
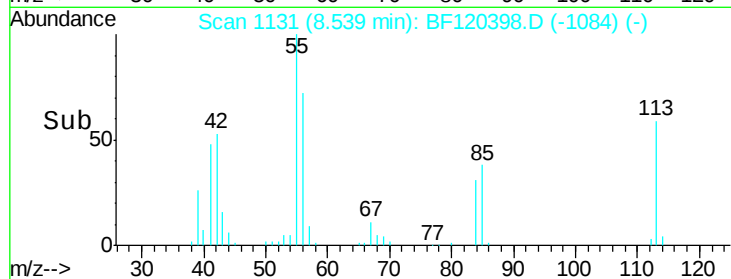
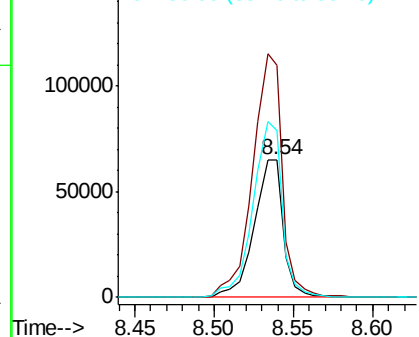
#35
 Caprolactam
 Concen: 24.599 ng
 RT: 8.54 min Scan# 1131
 Delta R.T. -0.02 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:113 Resp: 83645
 Ion Ratio Lower Upper
 113 100
 55 168.3 154.9 194.9
 56 120.7 110.9 150.9

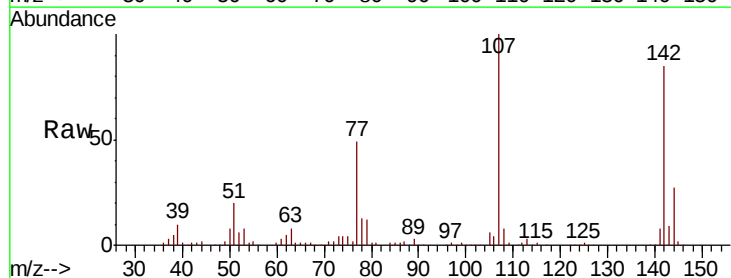


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

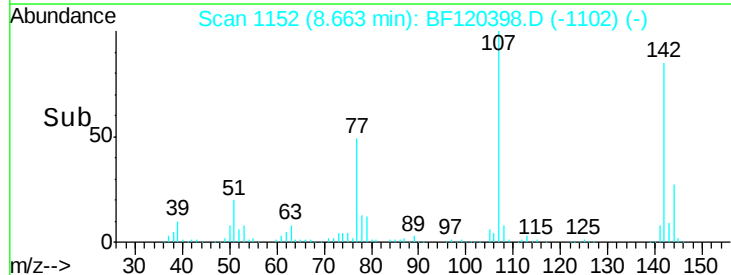
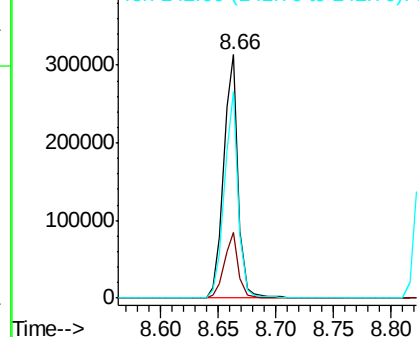


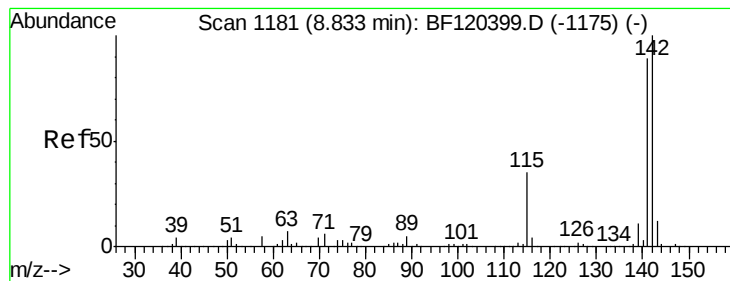
#36
 4-Chloro-3-methylphenol
 Concen: 24.127 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:107 Resp: 271279
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.0 33.0
 142 84.8 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

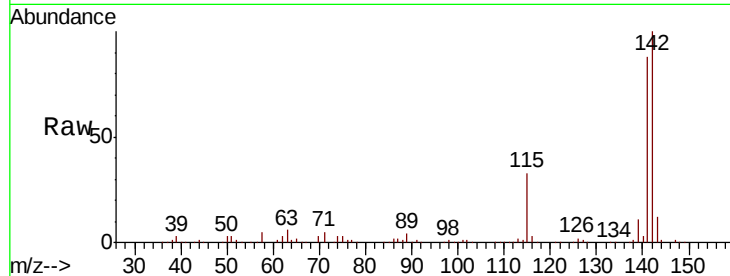




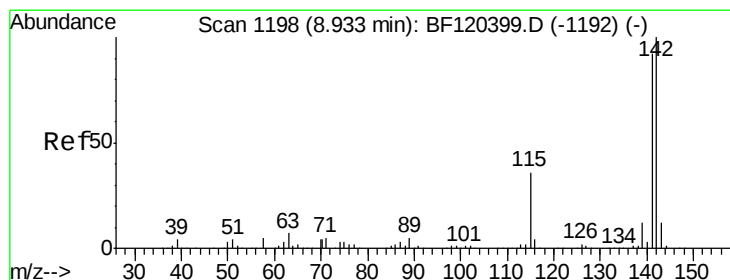
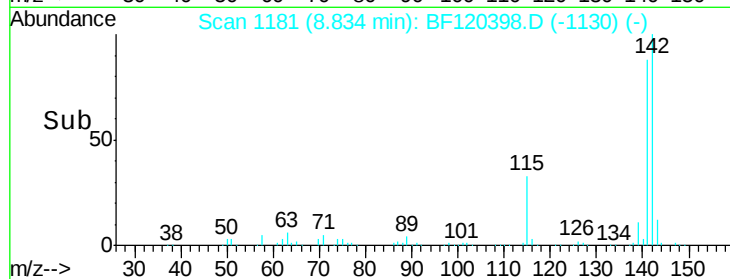
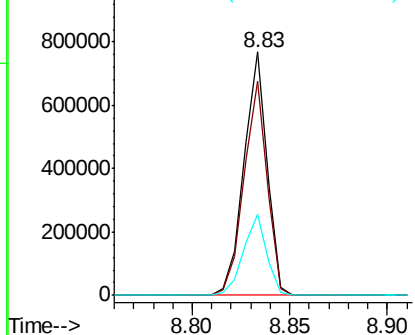
#37
2-Methylnaphthalene
Concen: 25.814 ng
RT: 8.83 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:142 Resp: 630914
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0
115 33.1 27.8 41.8

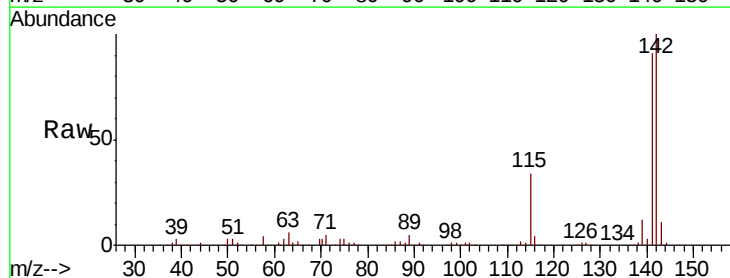


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

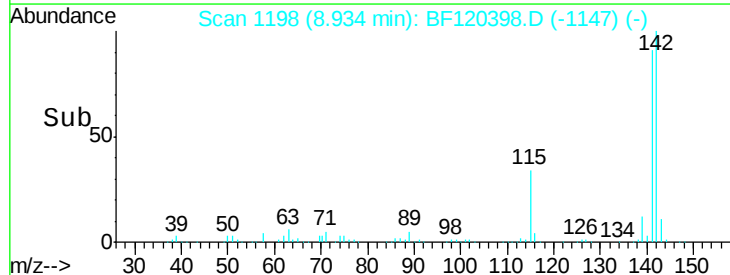
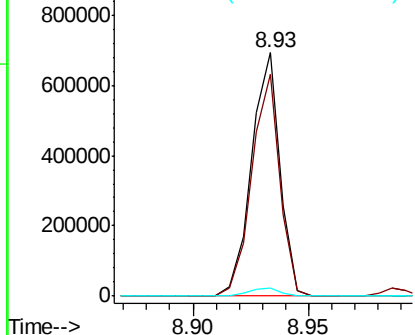


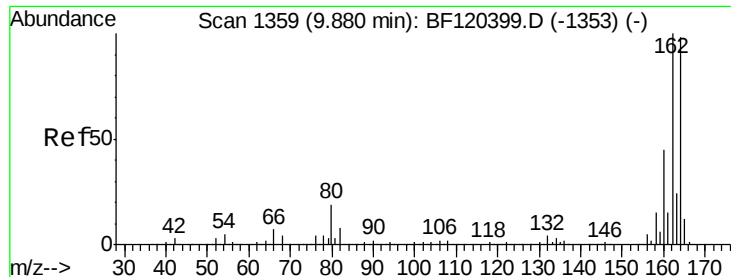
#38
1-Methylnaphthalene
Concen: 25.061 ng
RT: 8.93 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:142 Resp: 594081
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9
116 3.5 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: 9.87 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

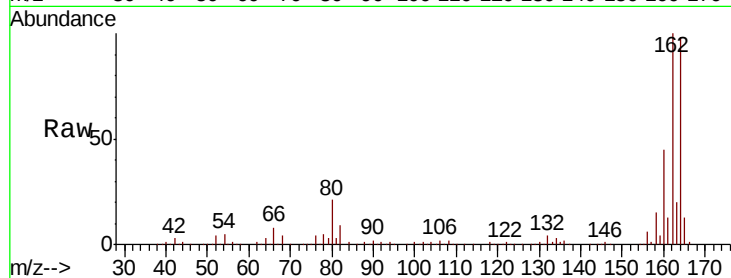
Tot Ion:164 Resp: 439924

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

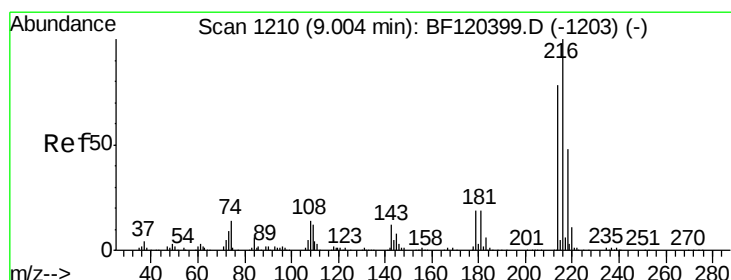
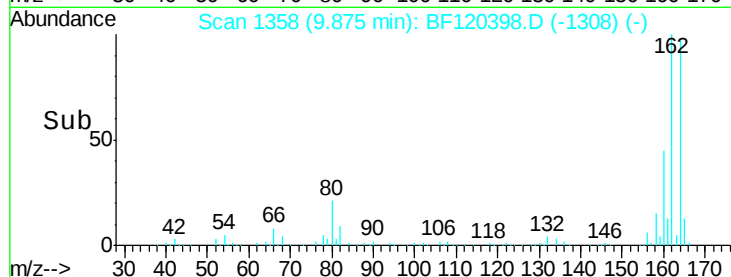
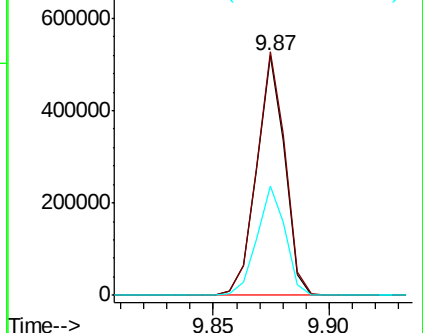
160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.749 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Tgt Ion:216 Resp: 285631

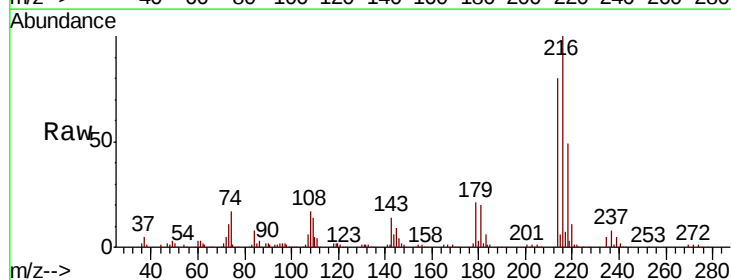
Ion Ratio Lower Upper

216 100

214 79.6 63.6 95.4

179 20.4 16.5 24.7

108 18.6 15.0 22.4

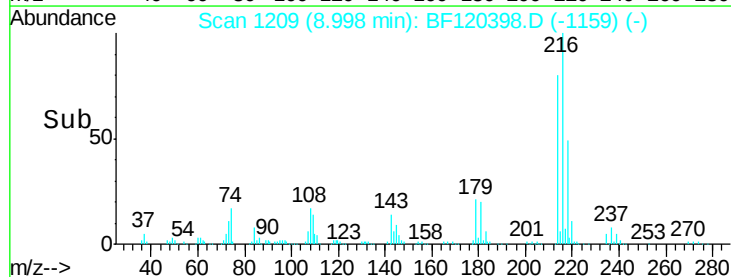
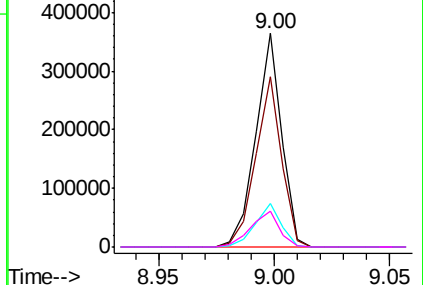


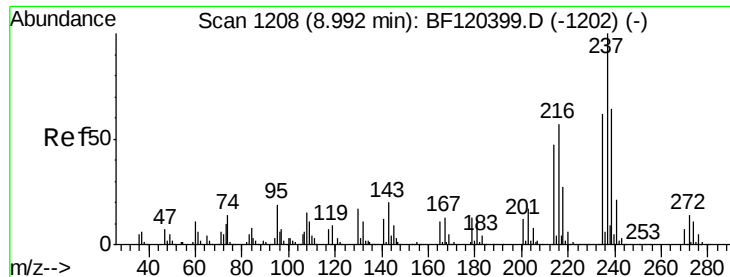
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.044 ng

RT: 8.99 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

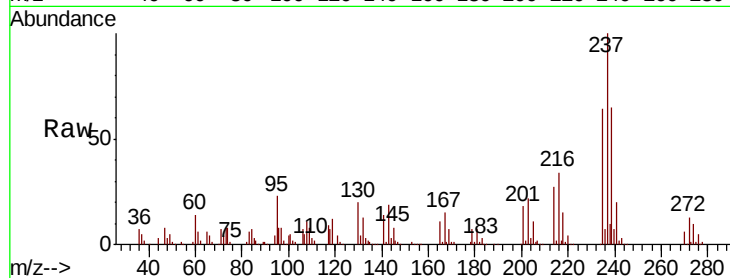
Tot Ion:237 Resp: 149301

Ion Ratio Lower Upper

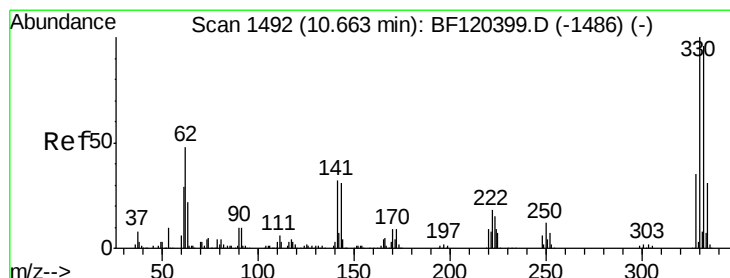
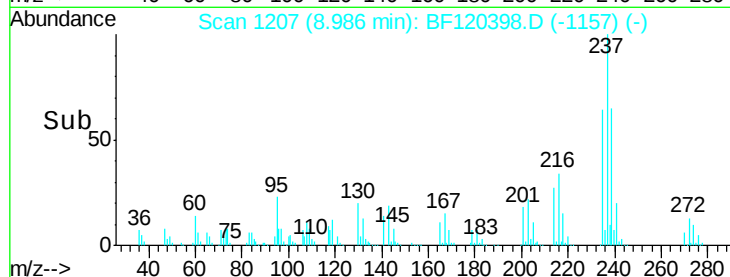
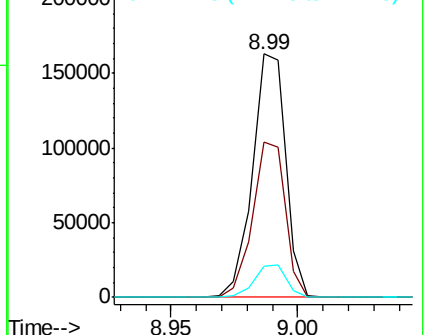
237 100

235 63.7 42.4 82.4

272 12.6 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: 56.443 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

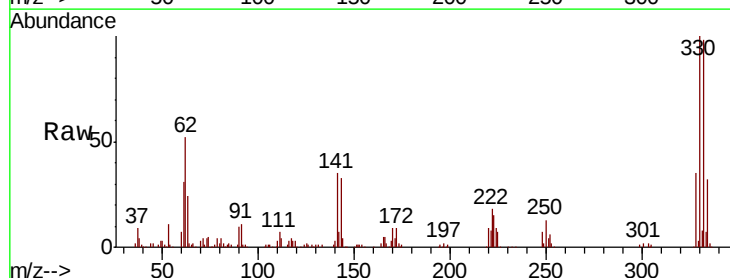
Tgt Ion:330 Resp: 202457

Ion Ratio Lower Upper

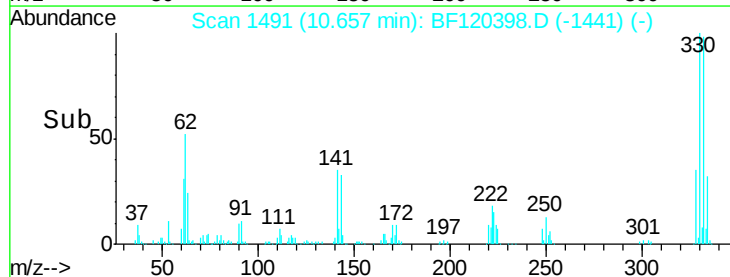
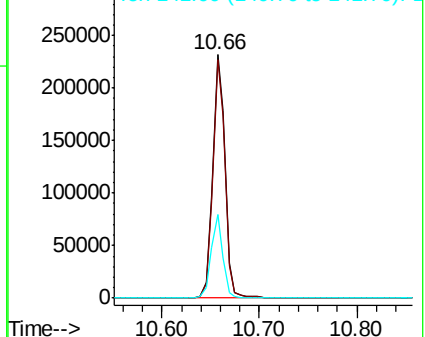
330 100

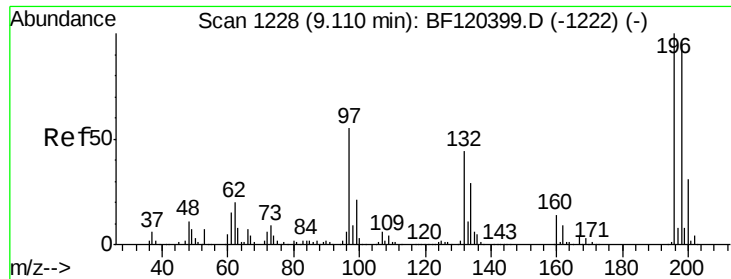
332 96.8 77.0 115.6

141 32.5 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

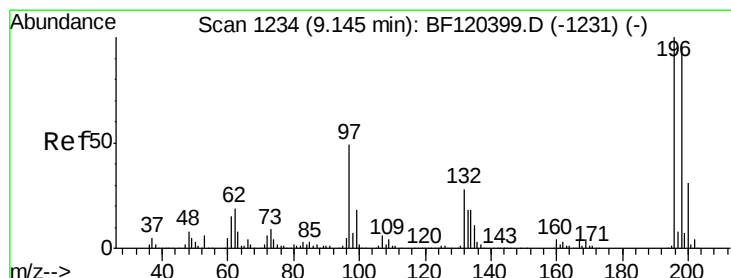
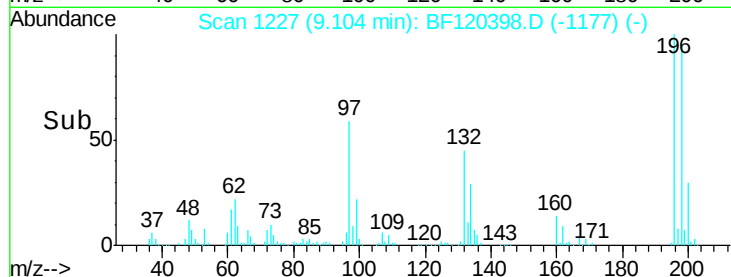
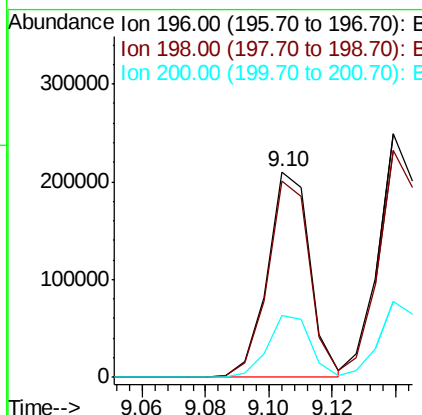
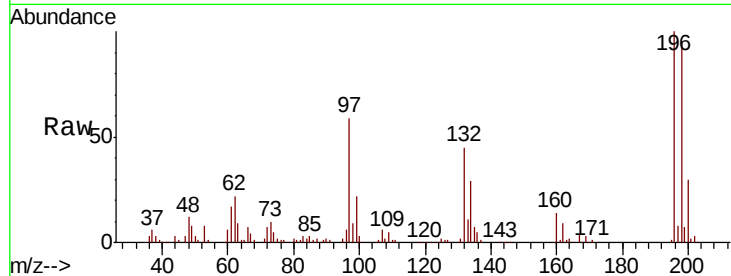




#43
 2,4,6-Trichlorophenol
 Concen: 26.327 ng
 RT: 9.10 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

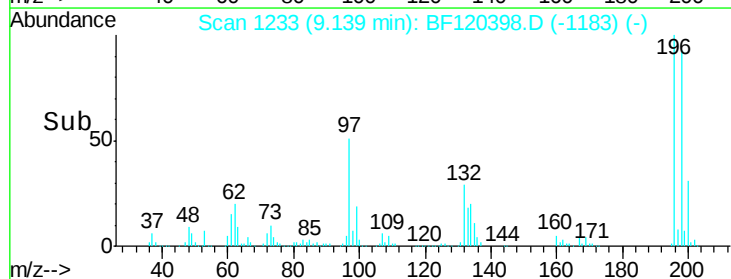
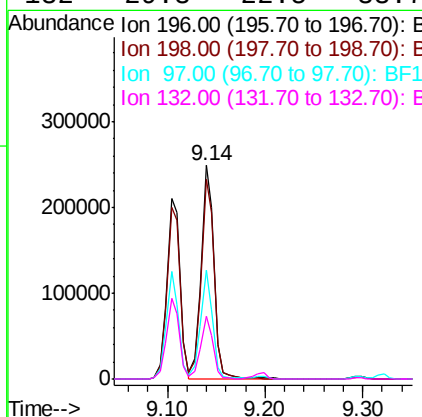
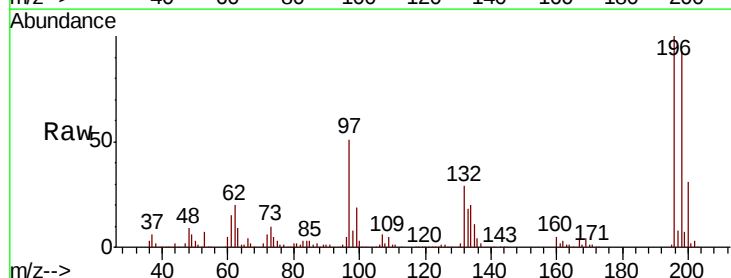
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

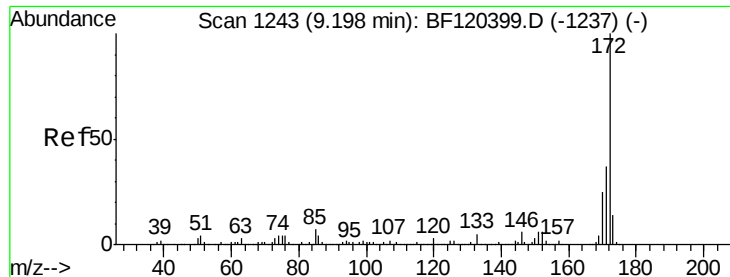
Tot Ion	196	Resp	196031
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.1	115.7
200	29.8	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 26.507 ng
 RT: 9.14 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion	196	Resp	226670
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.6	115.0
97	51.1	39.5	59.3
132	29.3	22.5	33.7

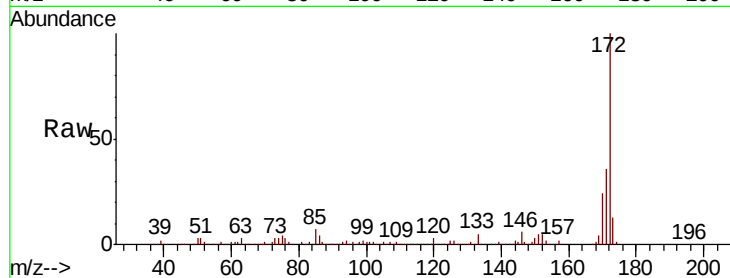




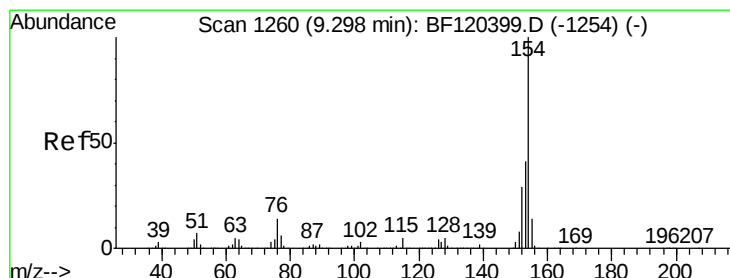
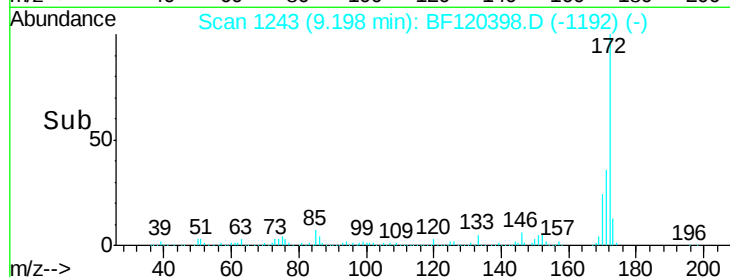
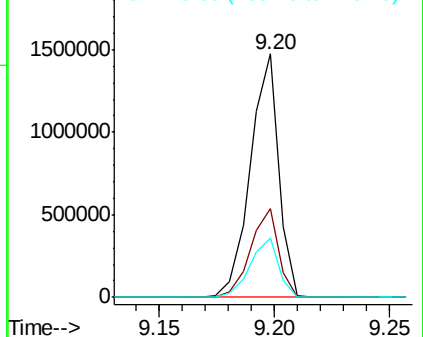
#45
2-Fluorobiphenyl
Concen: 59.188 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:172 Resp: 1267392
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.9 29.9

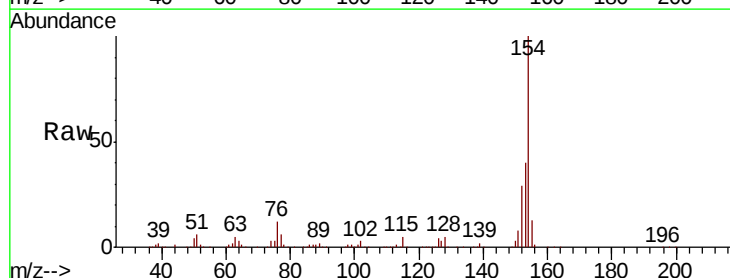


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

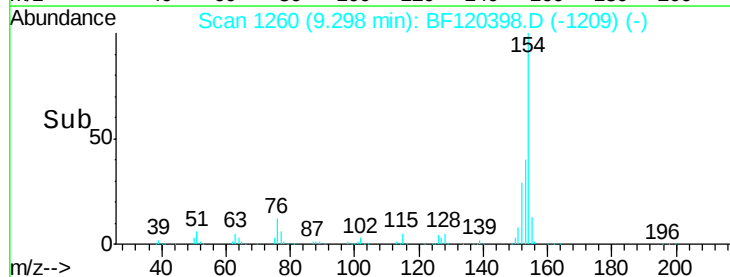
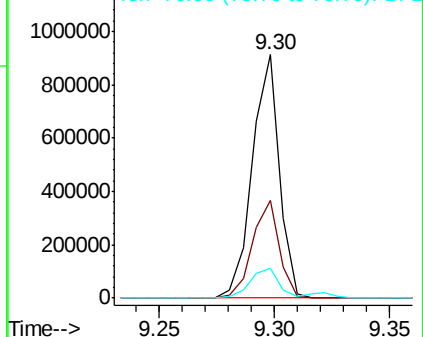


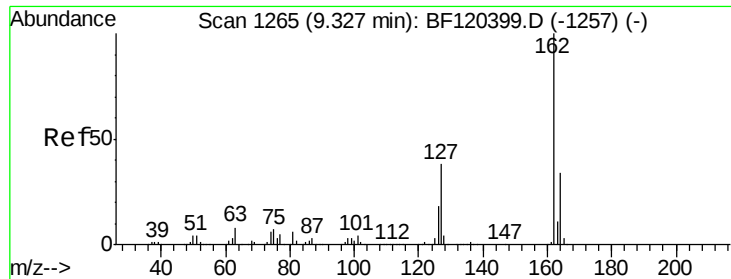
#46
1,1'-Biphenyl
Concen: 25.883 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:154 Resp: 746064
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 12.2 0.0 33.7



Abundance Ion 154.00 (153.70 to 154.70): E
1200000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

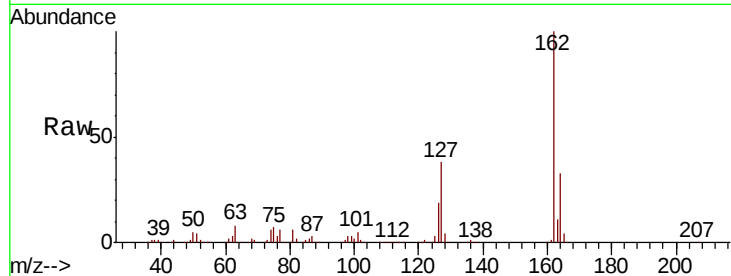




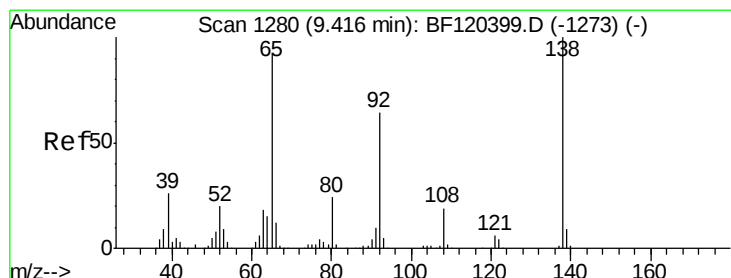
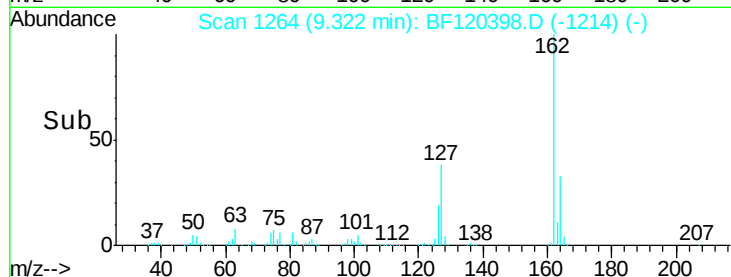
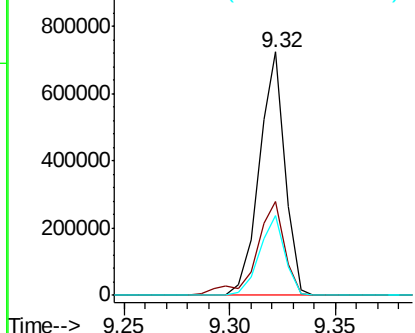
#47
 2-Chloronaphthalene
 Concen: 26.345 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	162	Resp:	609131
Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.6	46.0
164	32.8	27.1	40.7

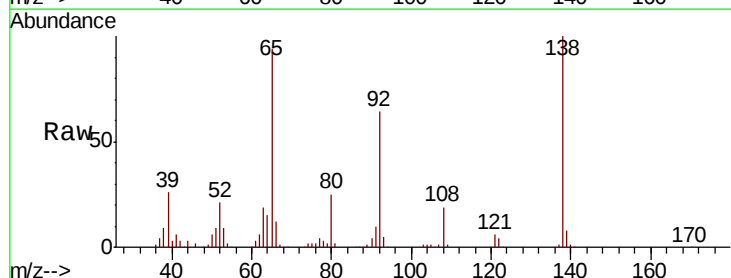


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

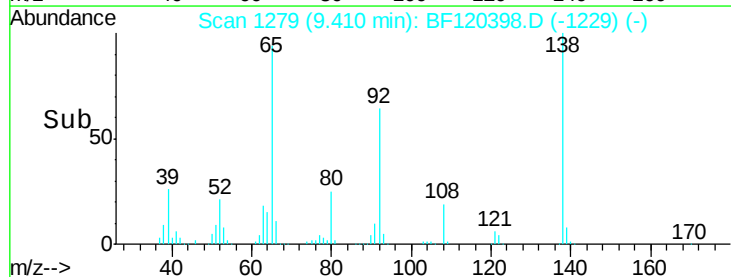
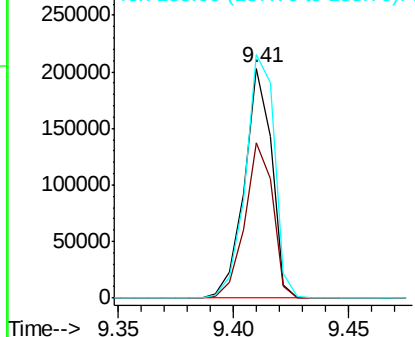


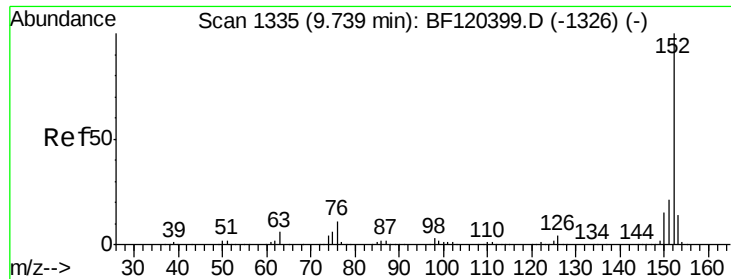
#48
 2-Nitroaniline
 Concen: 19.978 ng
 RT: 9.41 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:	65	Resp:	168537
Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.7	83.5
138	106.0	86.9	130.3



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





#49

Acenaphthylene

Concen: 26.545 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

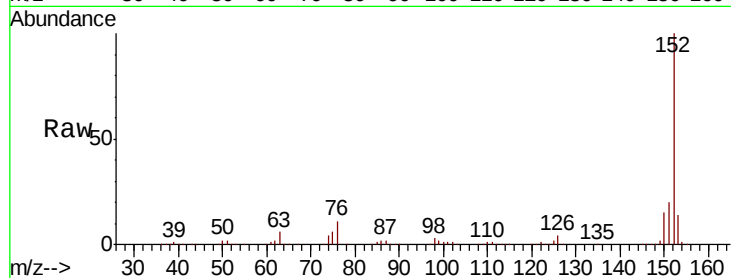
Tot Ion:152 Resp: 937526

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

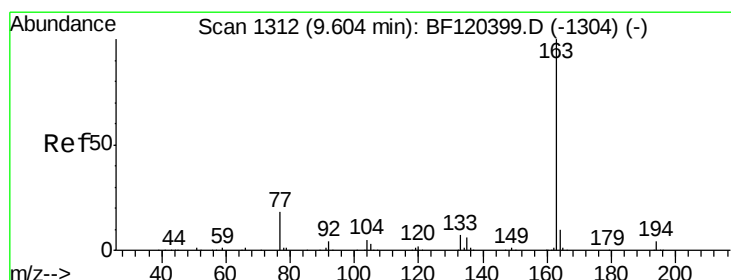
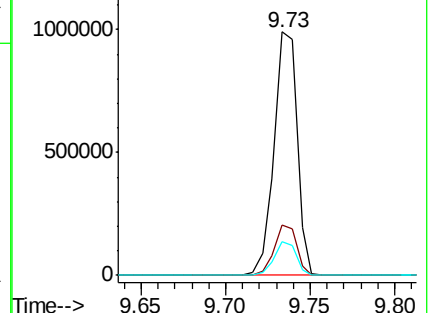
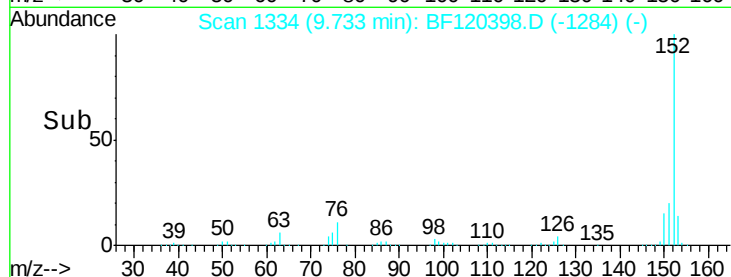
153 13.8 11.2 16.8



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: 24.675 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

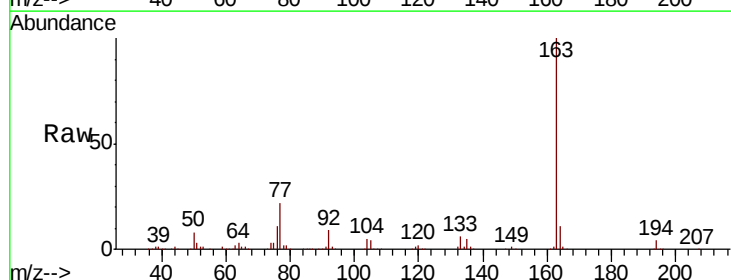
Tgt Ion:163 Resp: 686190

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

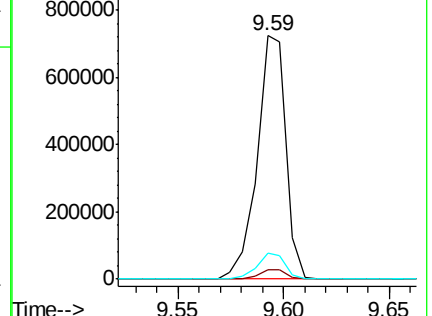
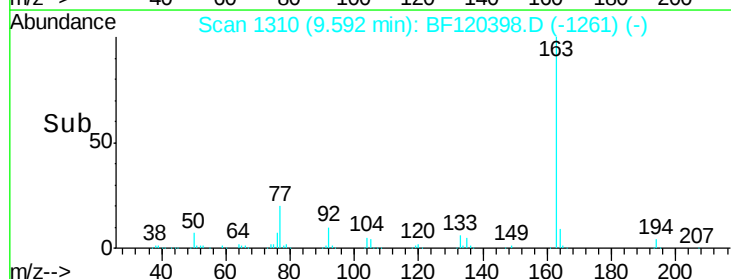
164 10.6 8.3 12.5

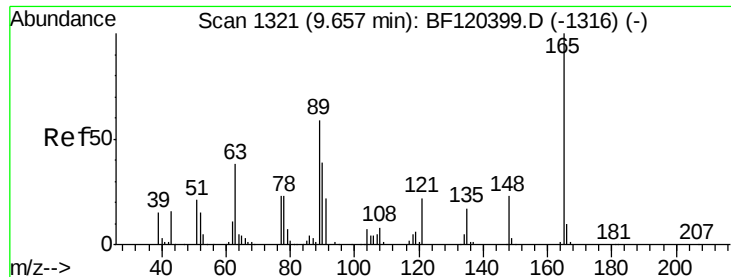


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

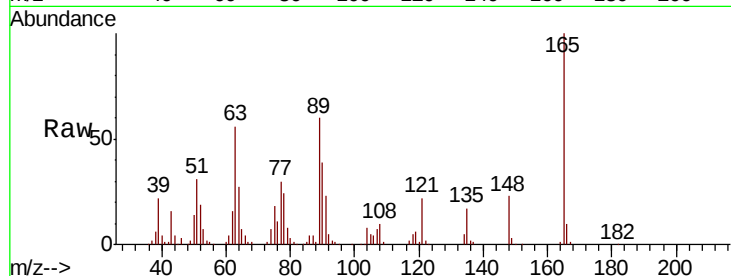




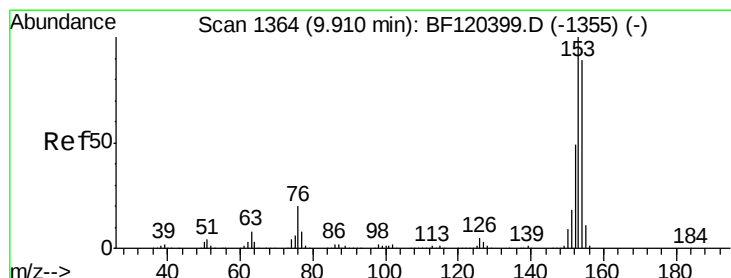
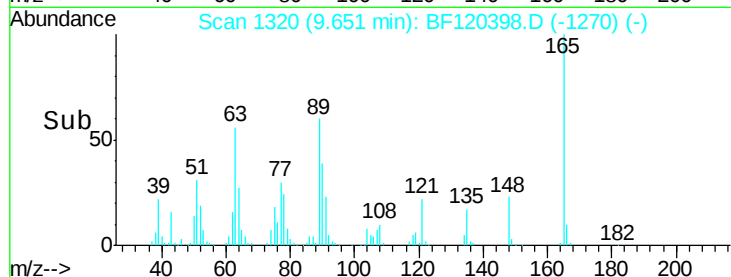
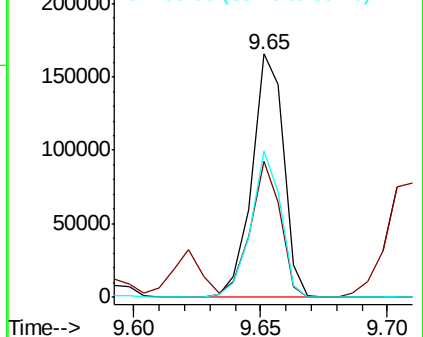
#51
2,6-Dinitrotoluene
Concen: 23.303 ng
RT: 9.65 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	46.9	70.3
89	60.3	47.5	71.3

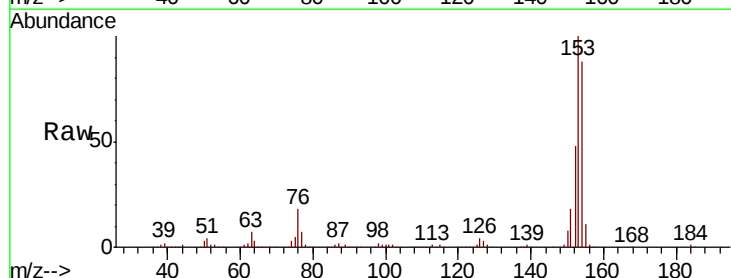


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

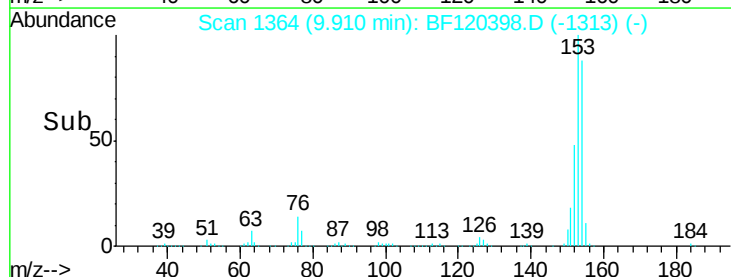
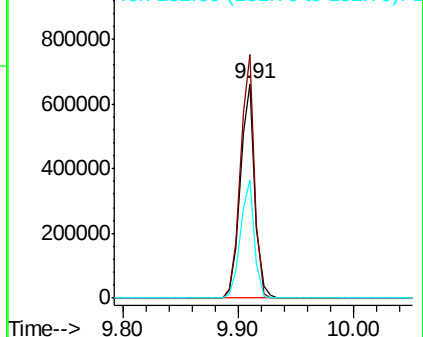


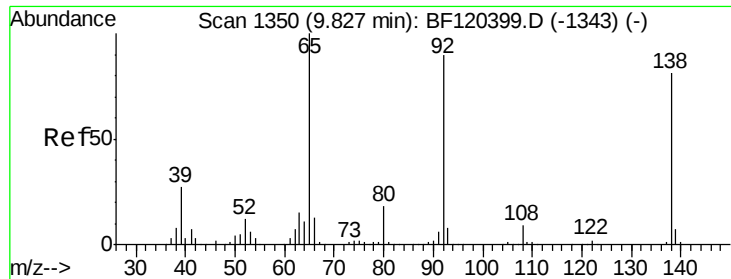
#52
Acenaphthene
Concen: 27.106 ng
RT: 9.91 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	55.1	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

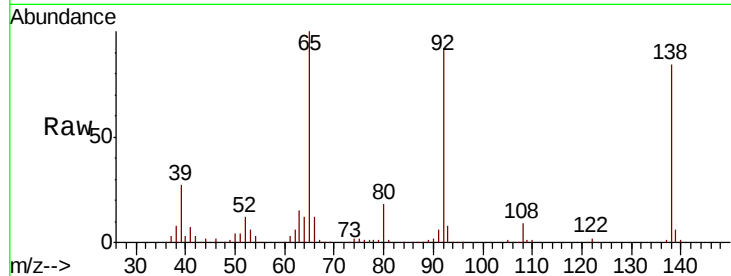




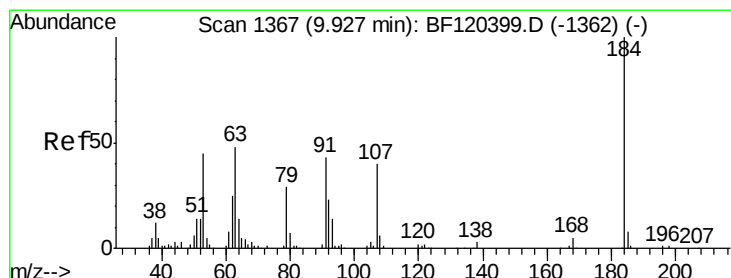
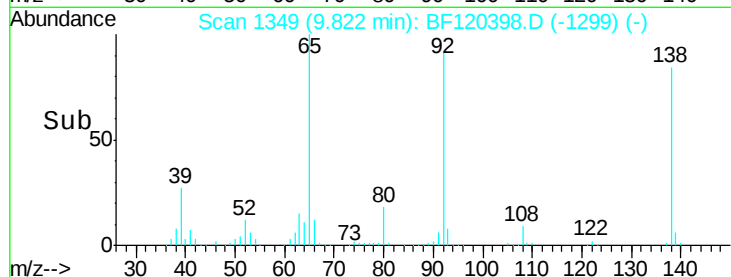
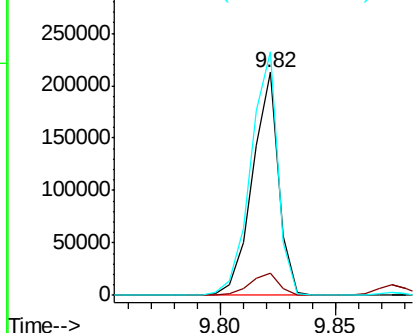
#53
 3-Nitroaniline
 Concen: 22.781 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:138 Resp: 168620
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.5 12.7
 92 109.3 89.0 133.4

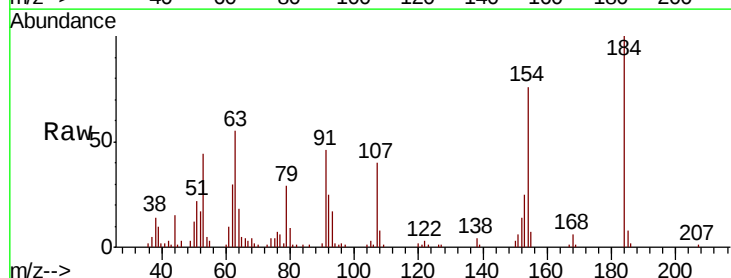


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

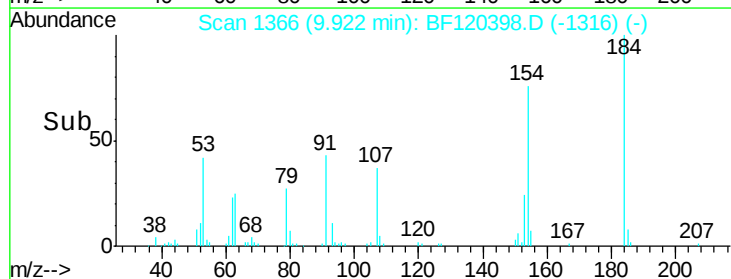
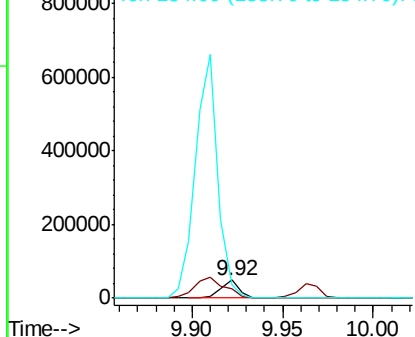


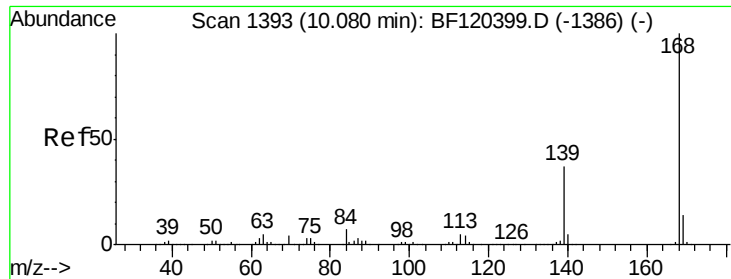
#54
 2,4-Dinitrophenol
 Concen: 12.345 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:184 Resp: 36170
 Ion Ratio Lower Upper
 184 100
 63 54.9 45.9 68.9
 154 76.0 46.4 69.6#



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

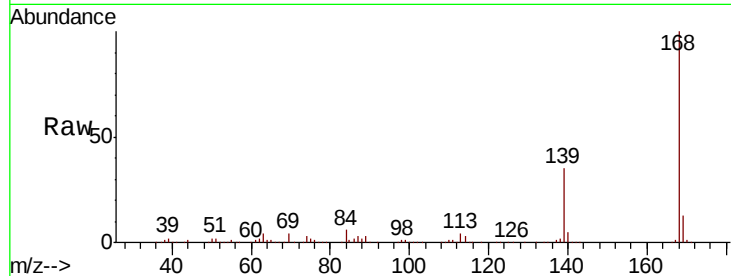




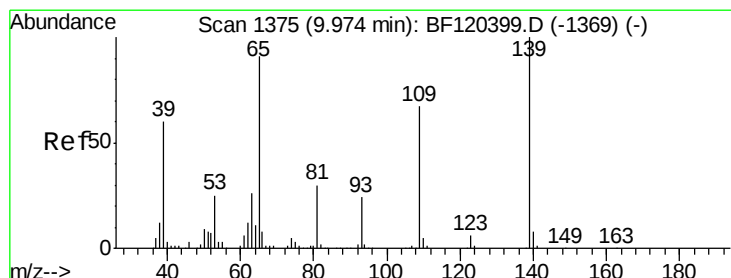
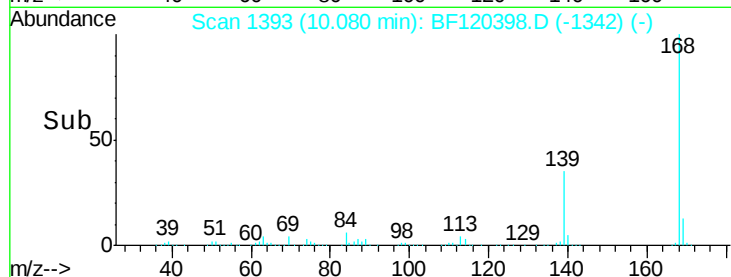
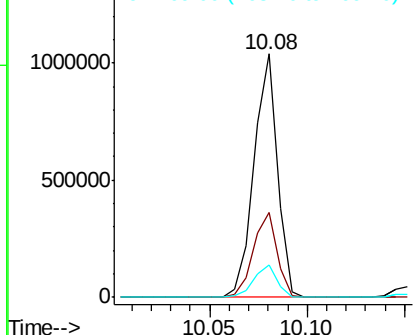
#55
Dibenzofuran
Concen: 28.296 ng
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:168 Resp: 862666
Ion Ratio Lower Upper
168 100
139 34.8 30.0 45.0
169 13.5 11.5 17.3

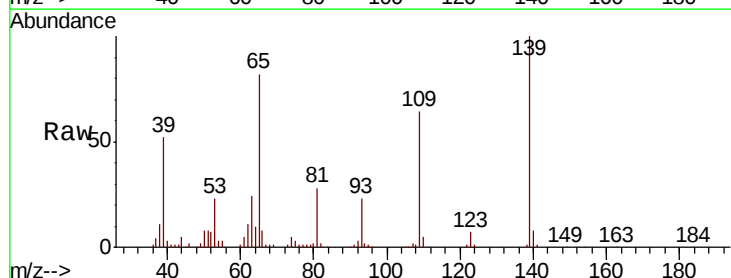


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

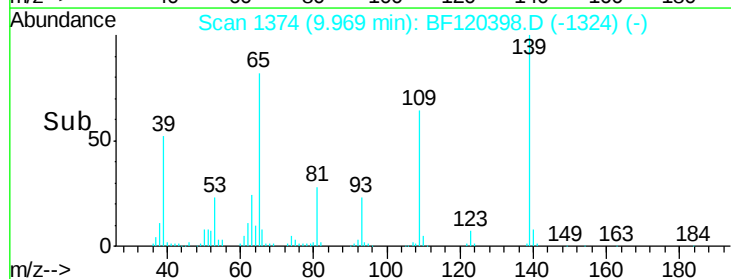
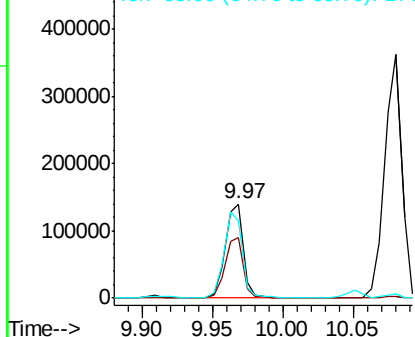


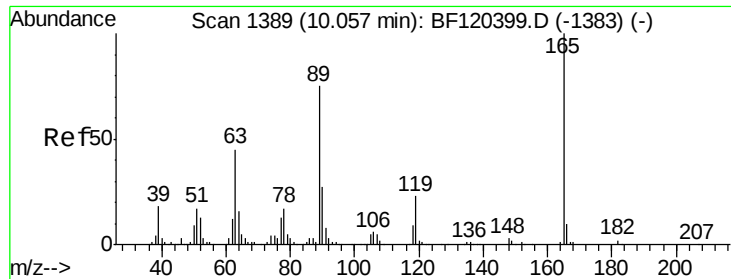
#56
4-Nitrophenol
Concen: 31.557 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:139 Resp: 125507
Ion Ratio Lower Upper
139 100
109 63.9 47.3 87.3
65 82.2 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

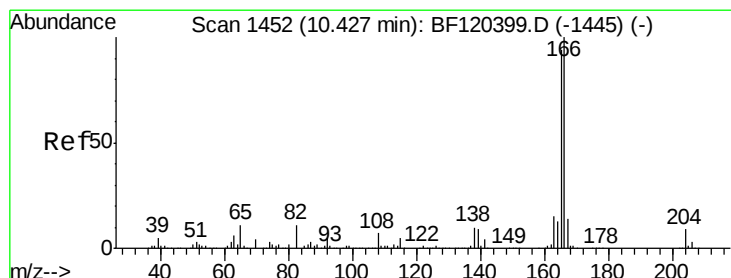
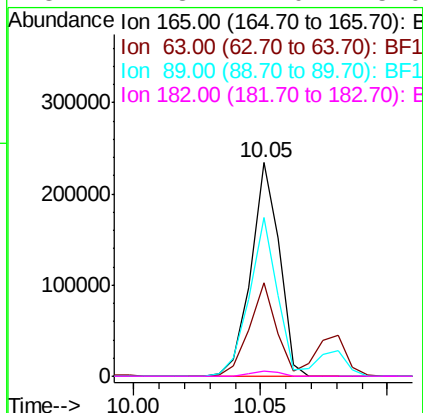
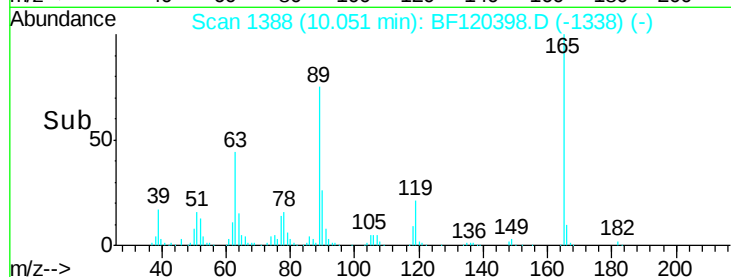
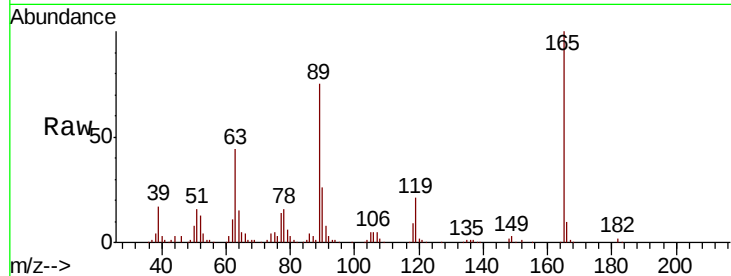




#57
 2,4-Dinitrotoluene
 Concen: 25.013 ng
 RT: 10.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

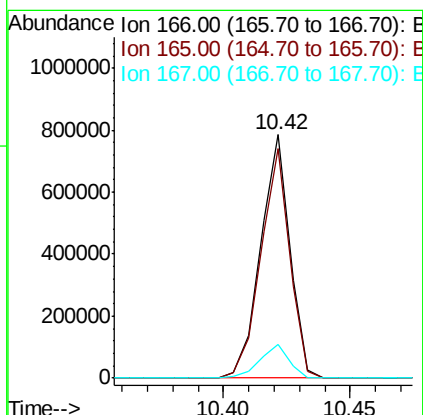
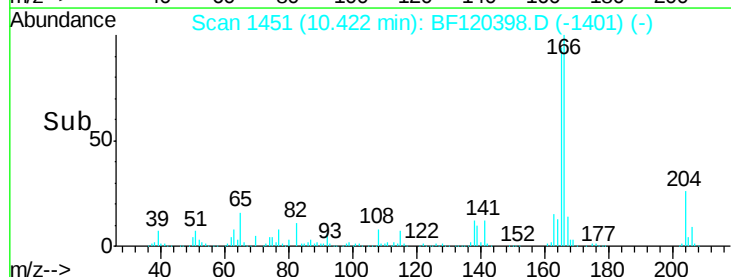
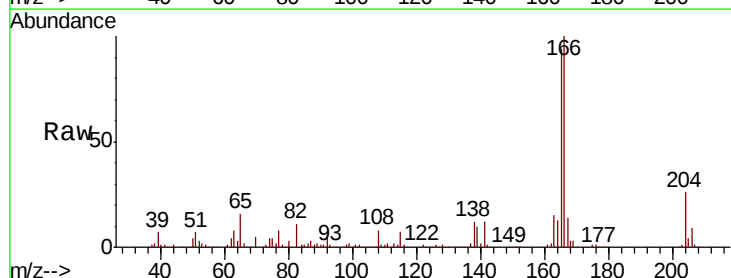
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

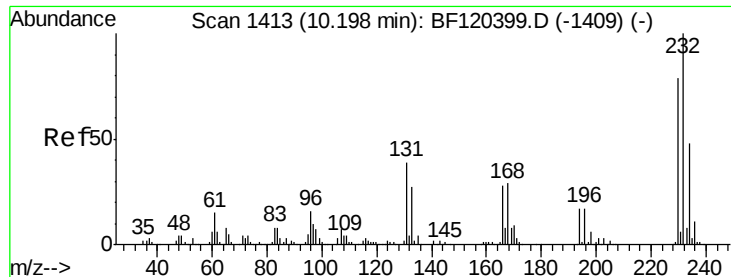
Tot Ion:165	Resp:	182120
Ion Ratio	Lower	Upper
165	100	
63	43.7	35.9 53.9
89	74.6	60.0 90.0
182	2.3	2.0 3.0



#58
 Fluorene
 Concen: 27.299 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:166	Resp:	633827
Ion Ratio	Lower	Upper
166	100	
165	94.3	75.6 113.4
167	13.7	10.9 16.3

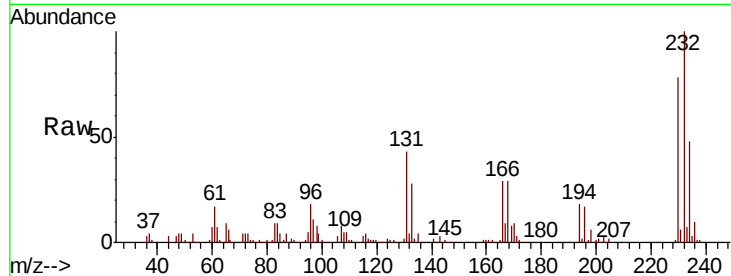




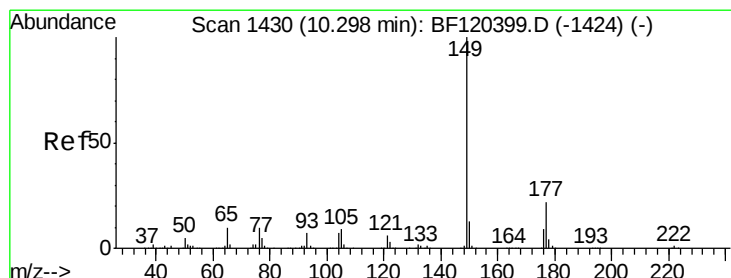
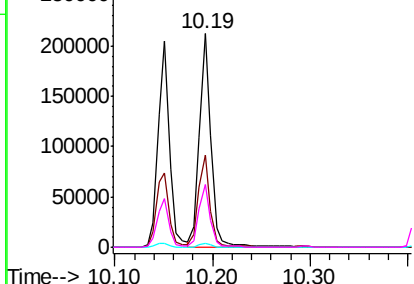
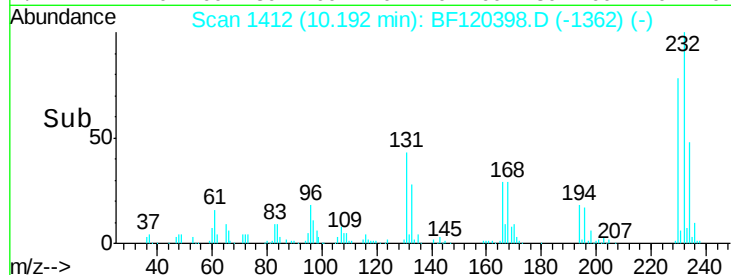
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.256 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:232 Resp: 175402
Ion Ratio Lower Upper
232 100
131 43.4 34.6 51.8
130 2.1 1.7 2.5
166 29.4 23.7 35.5

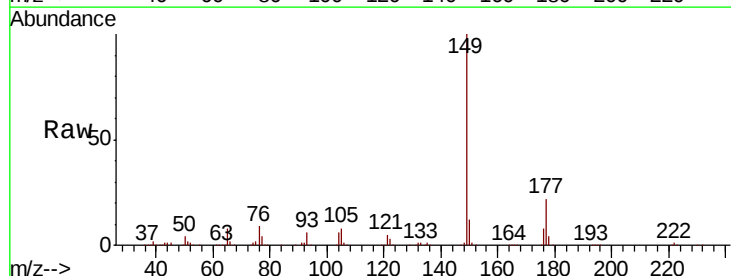


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

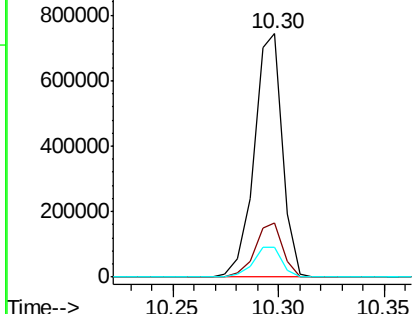
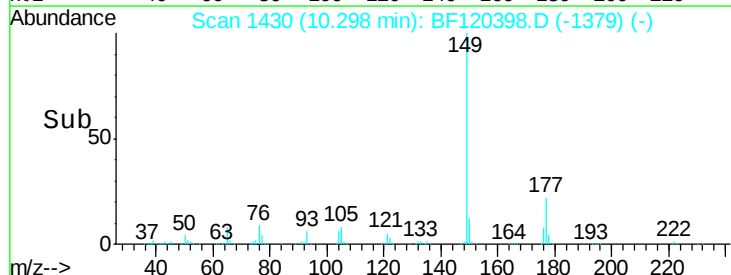


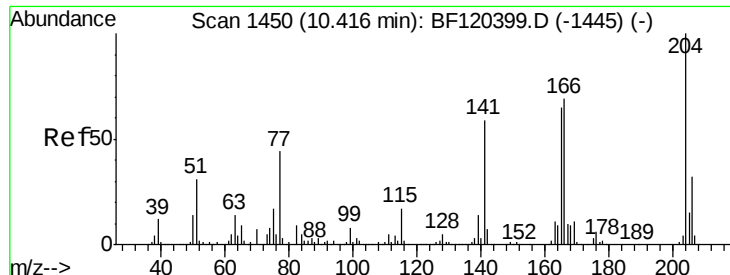
#60
Diethylphthalate
Concen: 25.667 ng
RT: 10.30 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:149 Resp: 689106
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.3 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

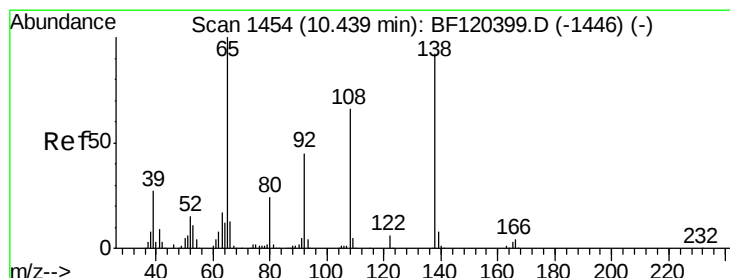
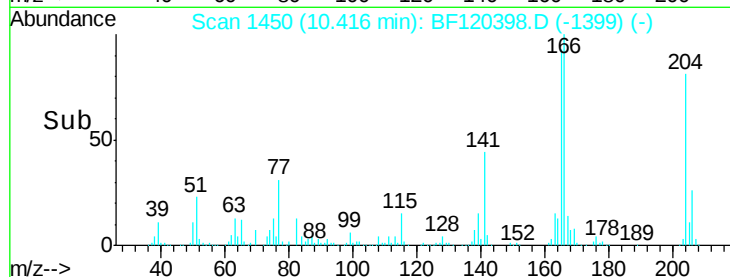
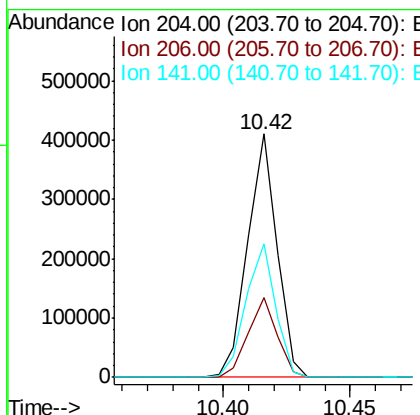
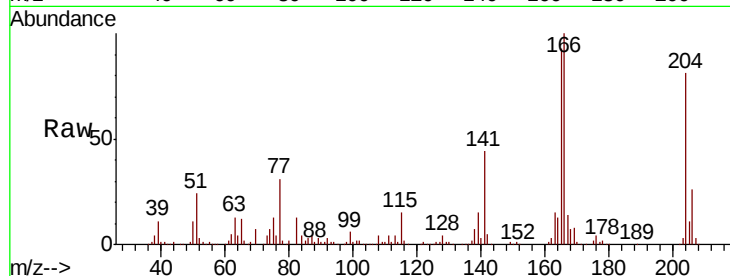




#61
 4-Chlorophenyl-phenylether
 Concen: 27.373 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

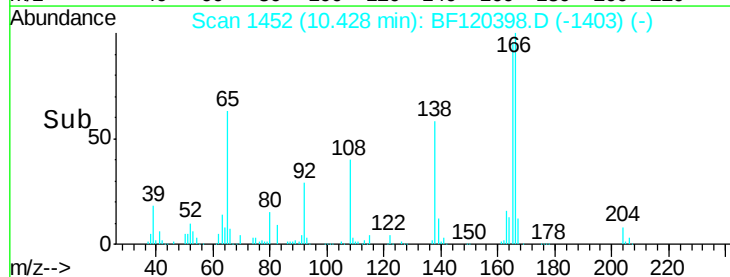
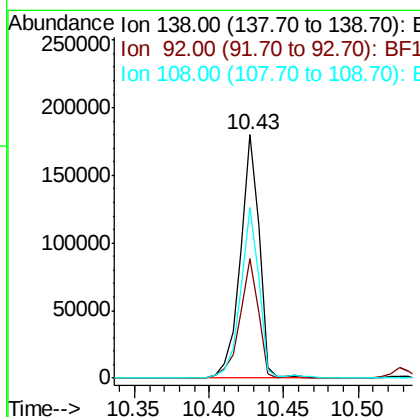
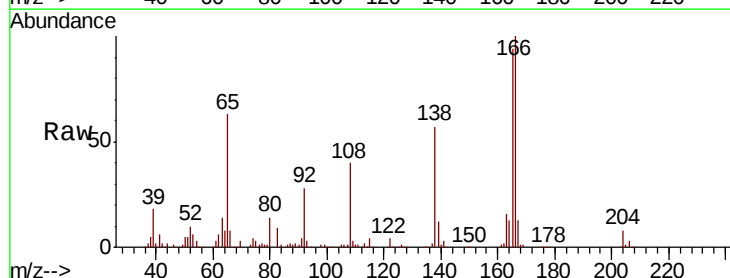
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

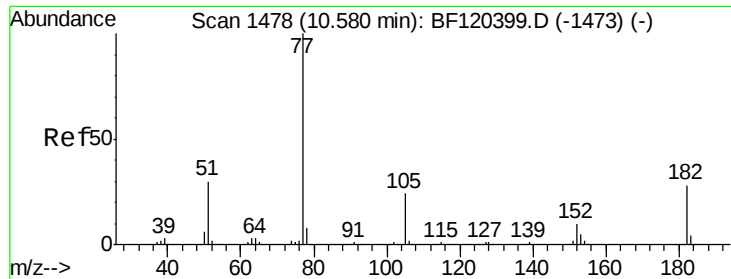
Tot Ion:204 Resp: 330438
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.8 38.8
 141 55.0 47.2 70.8



#62
 4-Nitroaniline
 Concen: 22.821 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:138 Resp: 157289
 Ion Ratio Lower Upper
 138 100
 92 49.1 29.3 69.3
 108 70.1 51.8 91.8





#63

Azobenzene

Concen: 26.118 ng

RT: 10.57 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 662741

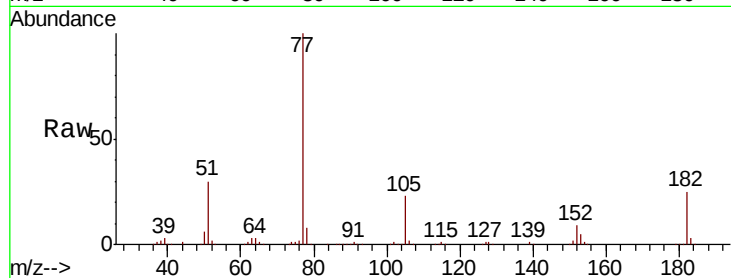
Ion Ratio Lower Upper

77 100

182 24.6 8.1 48.1

105 23.2 3.8 43.8

51 29.5 10.1 50.1

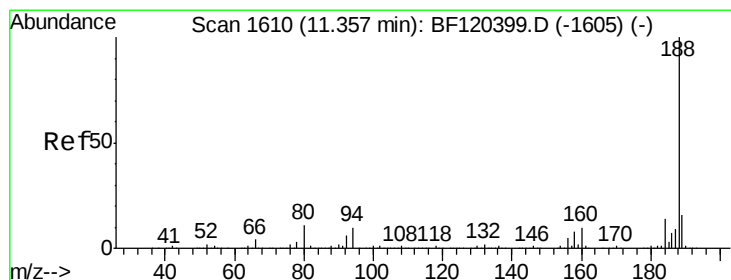
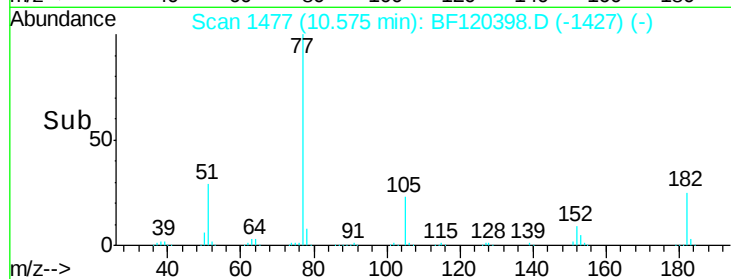
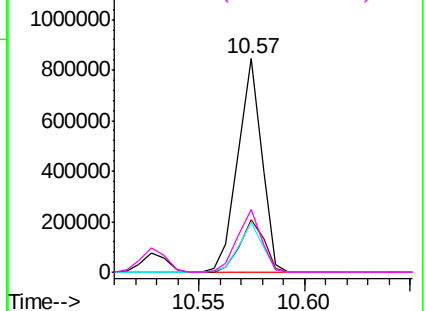


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1610

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

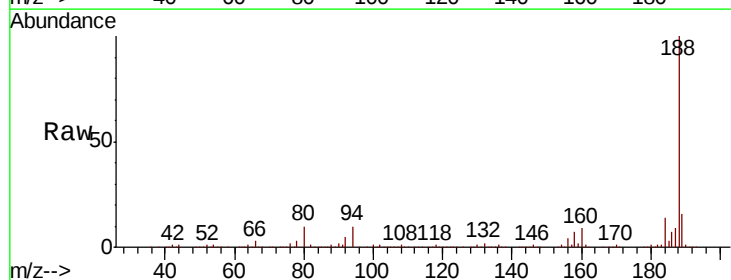
Tgt Ion: 188 Resp: 838939

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

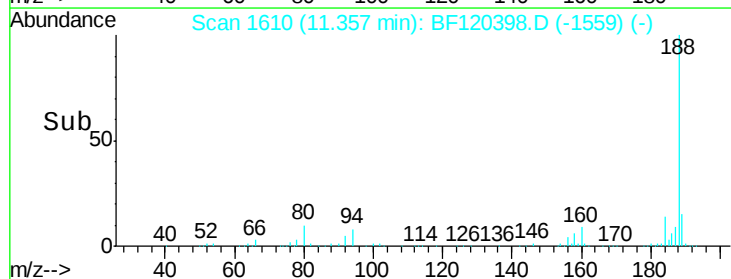
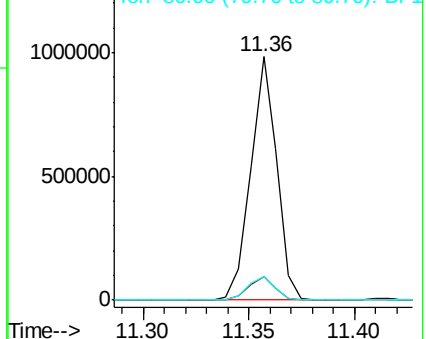
80 9.9 8.6 13.0

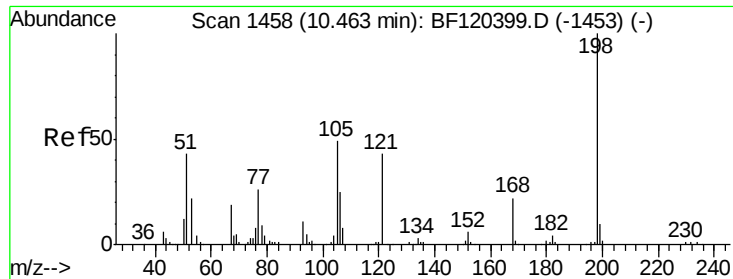


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

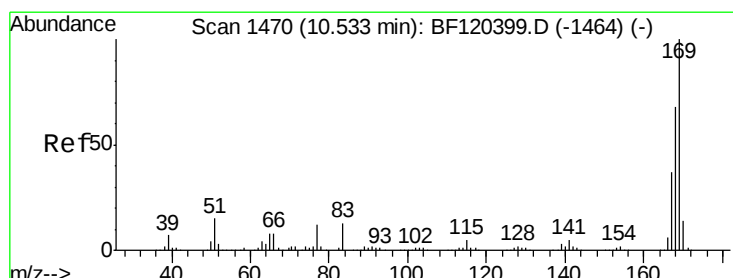
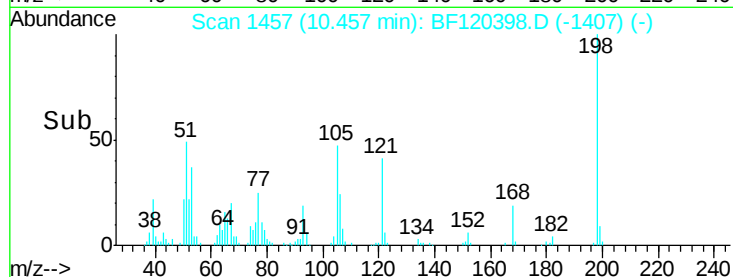
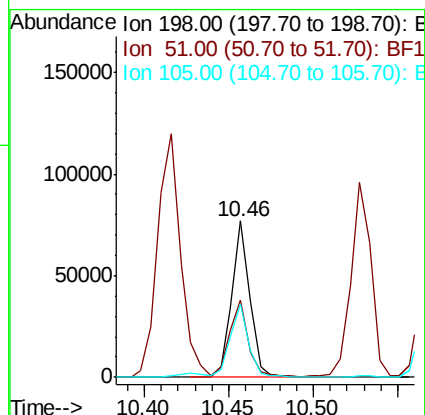
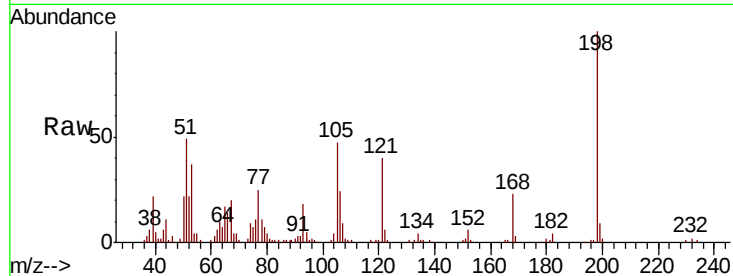




#65
4,6-Dinitro-2-methylphenol
Concen: 13.466 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

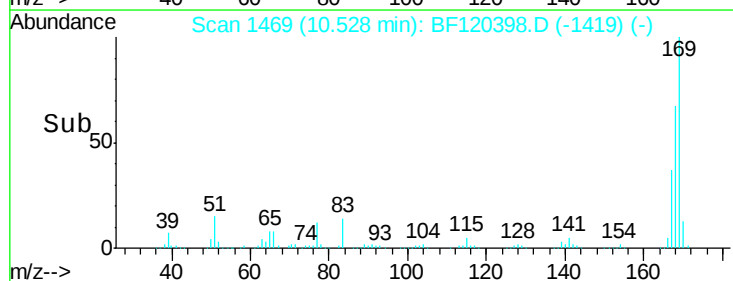
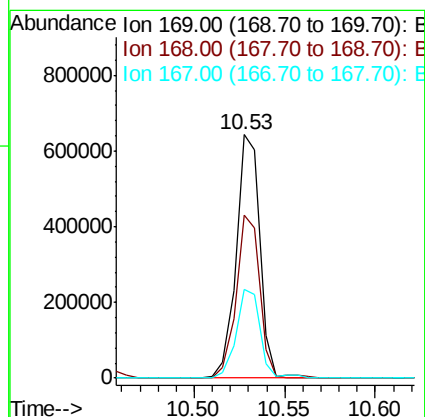
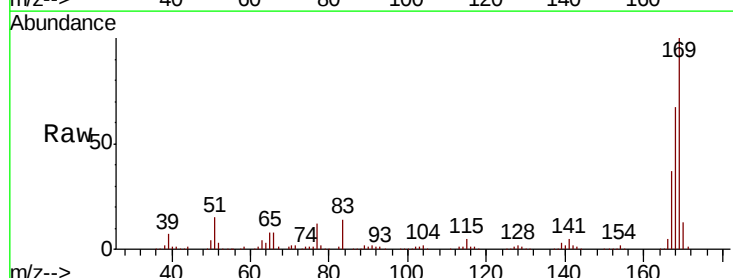
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

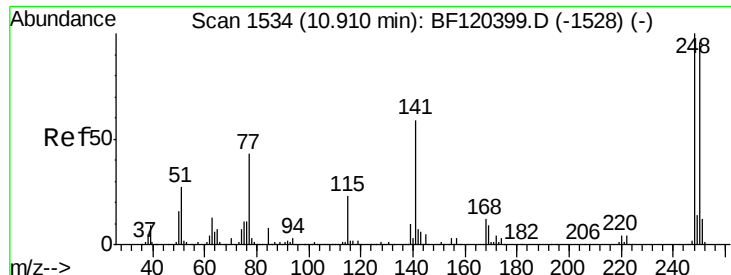
Tot Ion:198 Resp: 57135
Ion Ratio Lower Upper
198 100
51 49.4 34.1 74.1
105 47.0 30.5 70.5



#66
n-Nitrosodiphenylamine
Concen: 24.966 ng
RT: 10.53 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:169 Resp: 579451
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 36.5 29.8 44.8

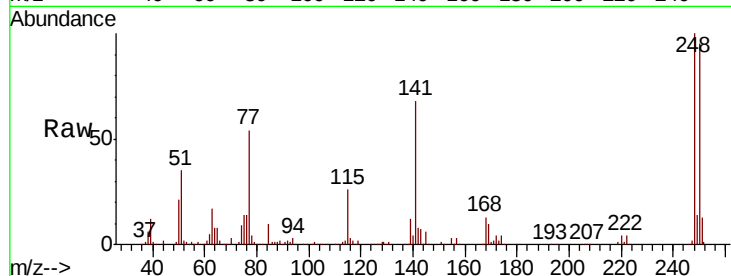




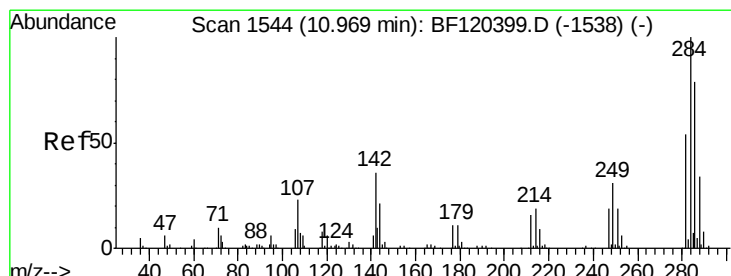
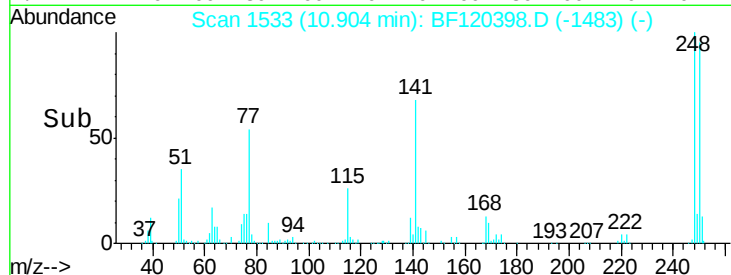
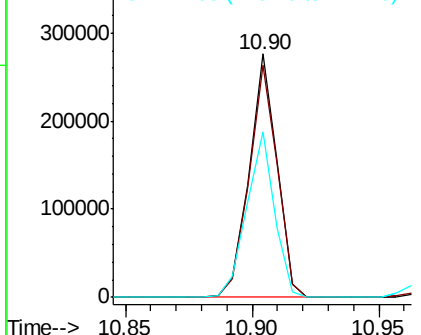
#67
4-Bromophenyl-phenylether
Concen: 25.945 ng
RT: 10.90 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:248 Resp: 211212
Ion Ratio Lower Upper
248 100
250 95.4 76.5 114.7
141 68.2 47.2 70.8

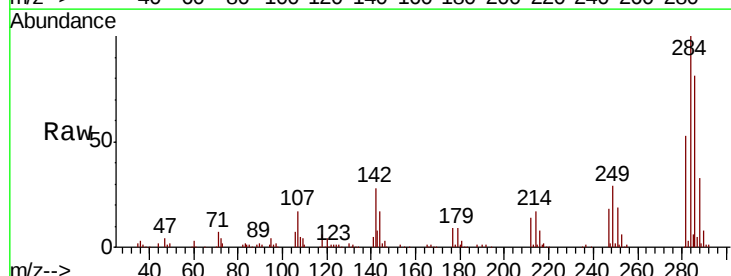


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

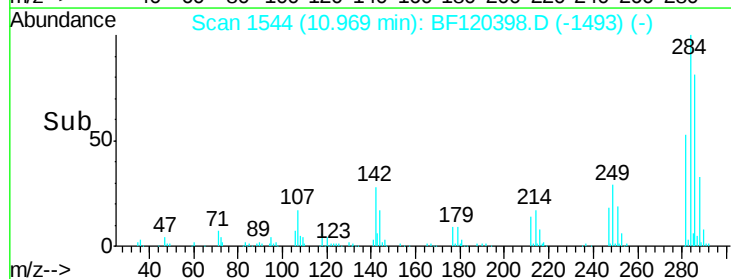
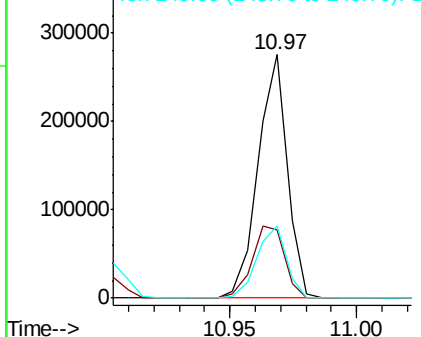


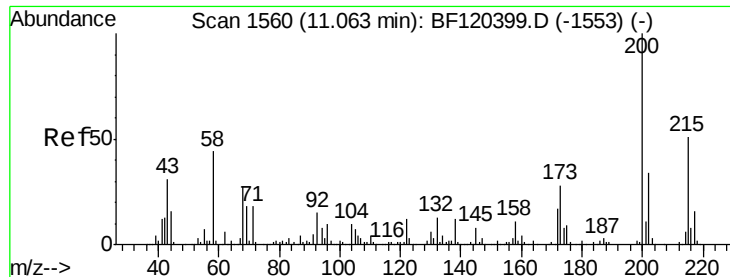
#68
Hexachlorobenzene
Concen: 26.166 ng
RT: 10.97 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:284 Resp: 222850
Ion Ratio Lower Upper
284 100
142 28.0 28.5 42.7#
249 29.5 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: 22.569 ng

RT: 11.06 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

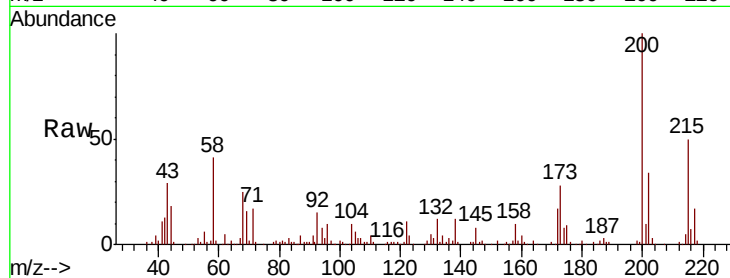
Tot Ion:200 Resp: 156740

Ion Ratio Lower Upper

200 100

173 27.6 7.9 47.9

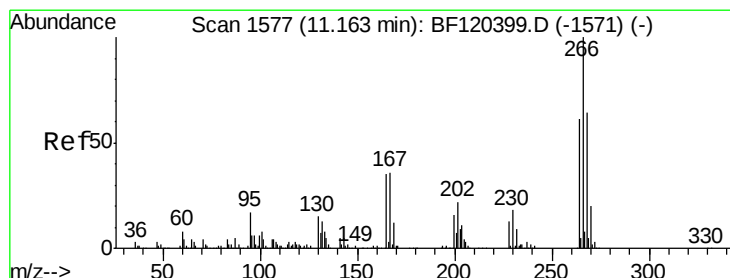
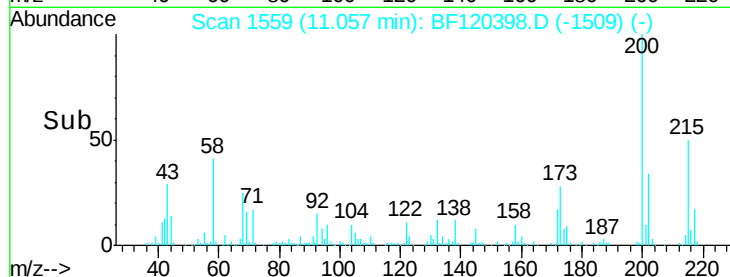
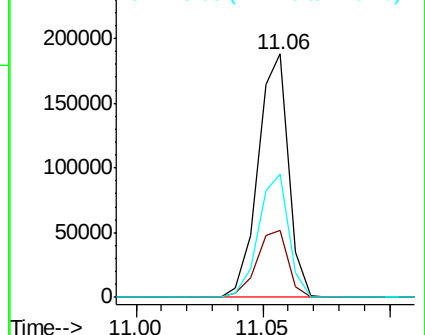
215 50.4 31.2 71.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.250 ng

RT: 11.16 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

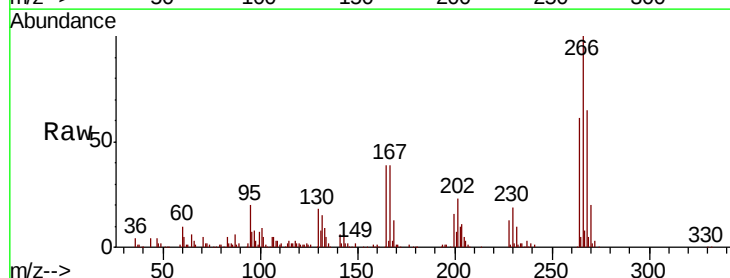
Tgt Ion:266 Resp: 127683

Ion Ratio Lower Upper

266 100

268 64.5 51.5 77.3

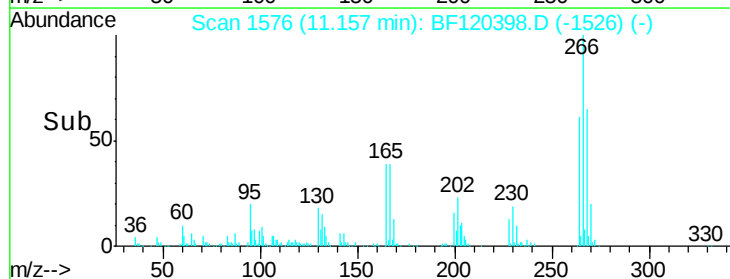
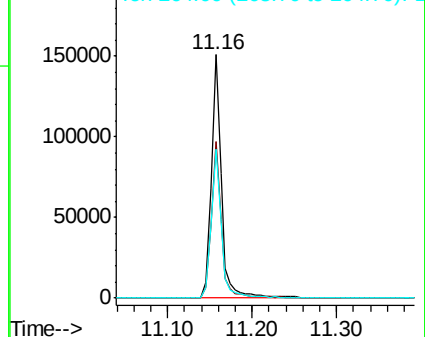
264 61.3 49.1 73.7

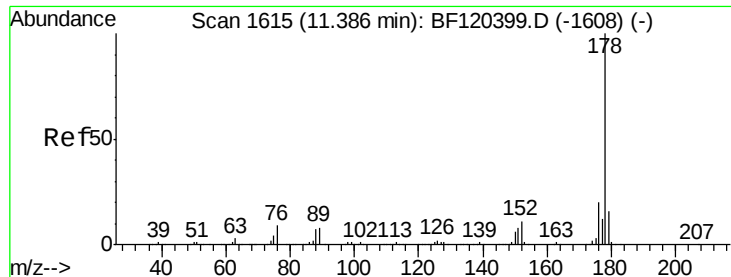


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

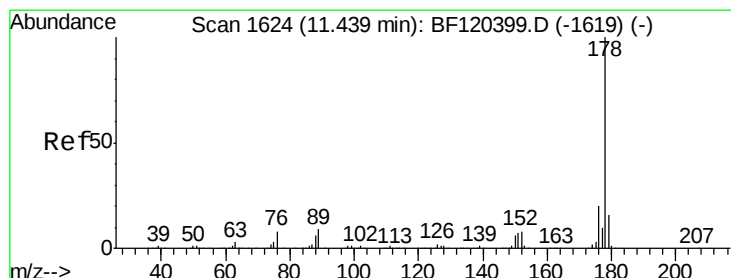
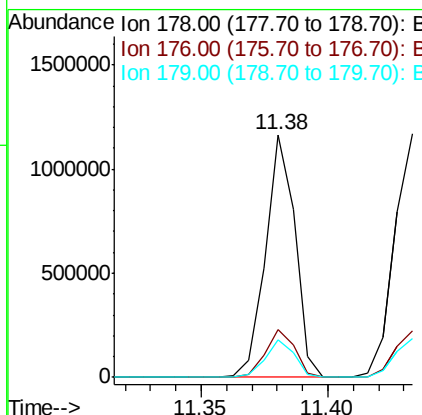
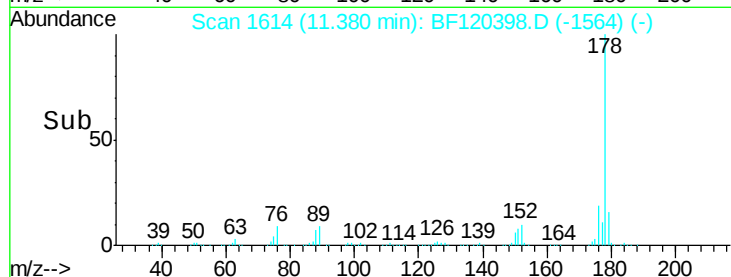
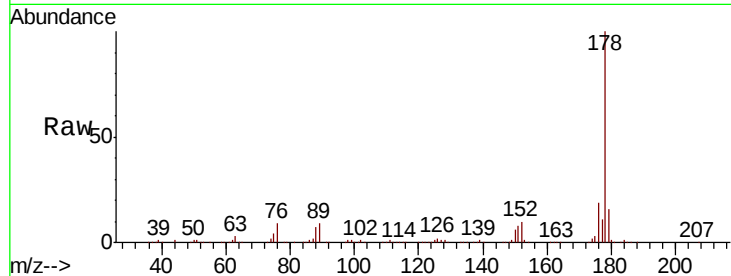




#71
Phenanthrene
Concen: 27.019 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

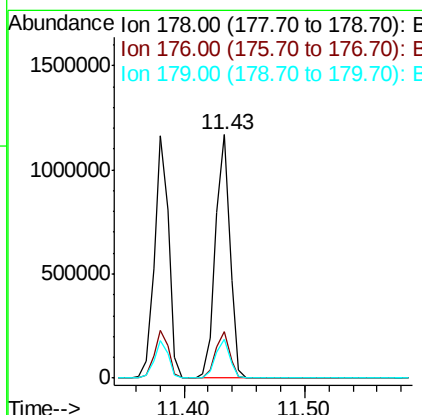
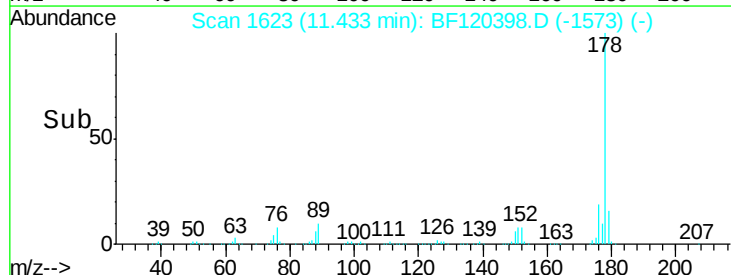
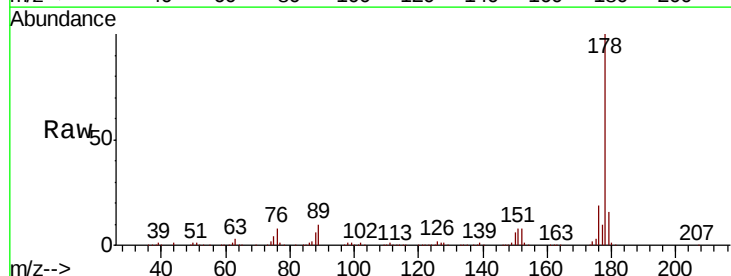
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

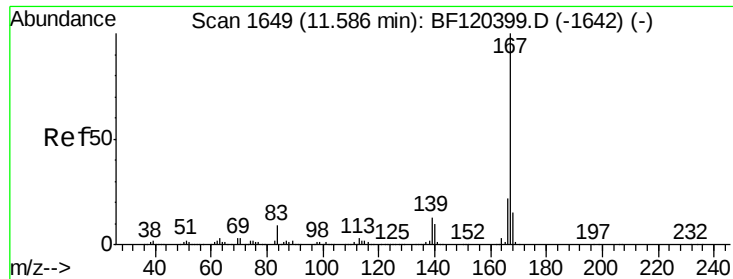
Tot Ion:178 Resp: 952467
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 15.7 13.0 19.4



#72
Anthracene
Concen: 25.204 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion:178 Resp: 951180
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.7 12.8 19.2

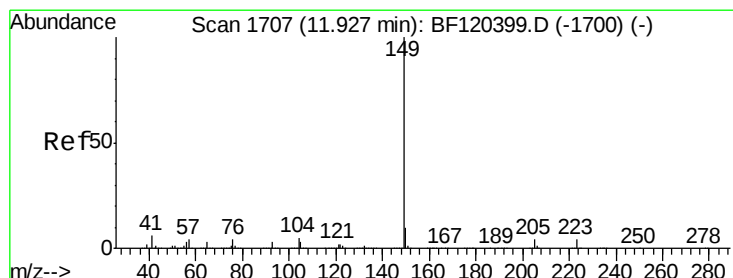
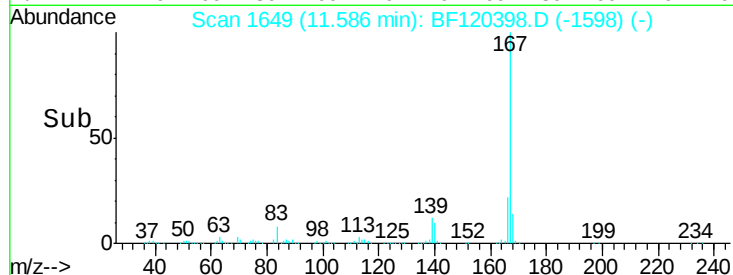
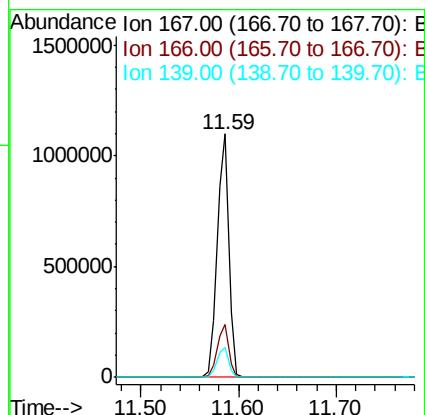
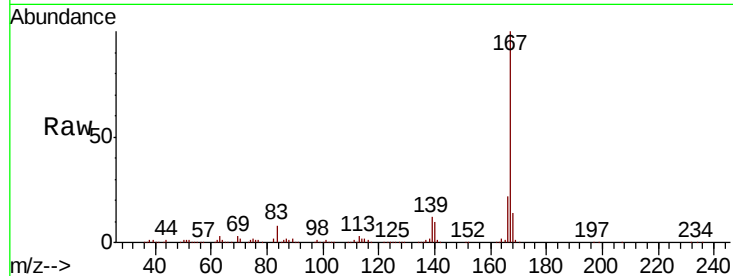




#73
 Carbazole
 Concen: 25.659 ng
 RT: 11.59 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

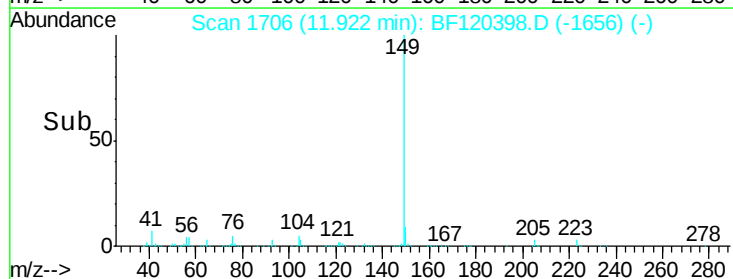
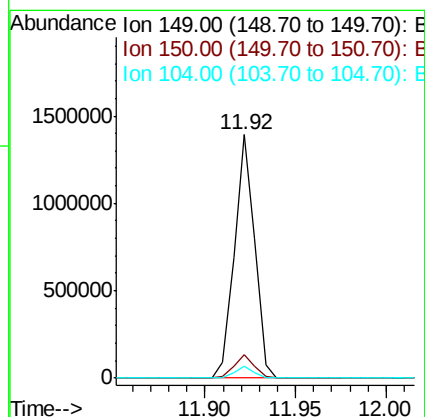
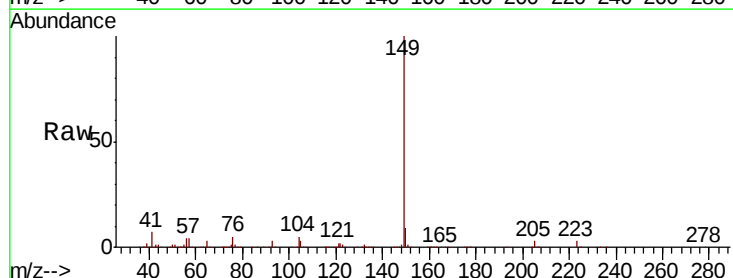
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

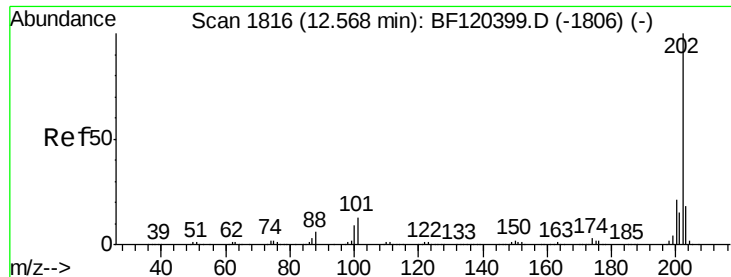
Tot Ion:167 Resp: 904769
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 12.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 25.425 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion:149 Resp: 1080492
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 26.694 ng

RT: 12.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

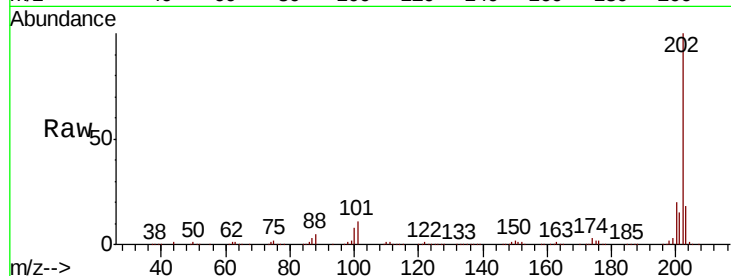
Tot Ion:202 Resp: 1008607

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.6

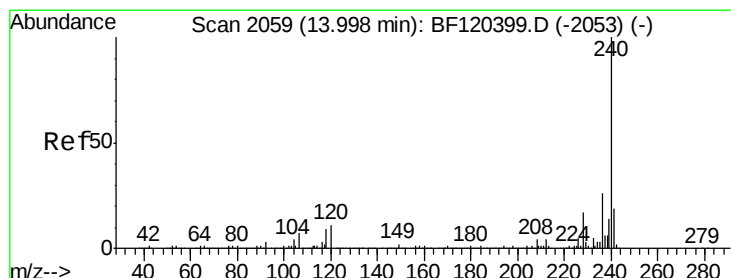
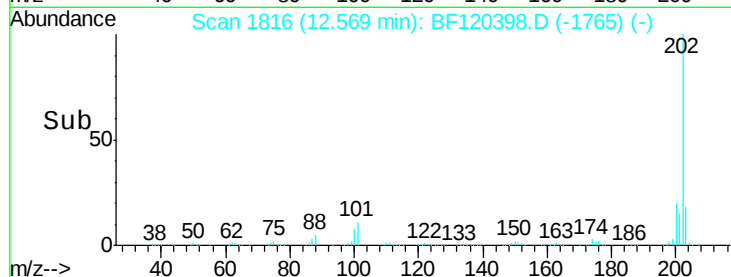
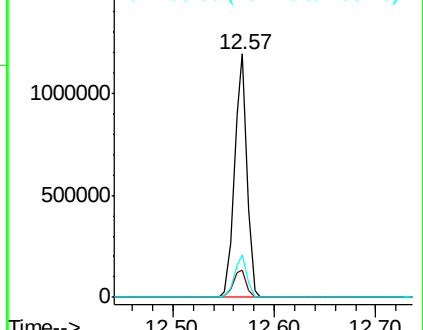
203 17.6 0.0 38.4



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: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

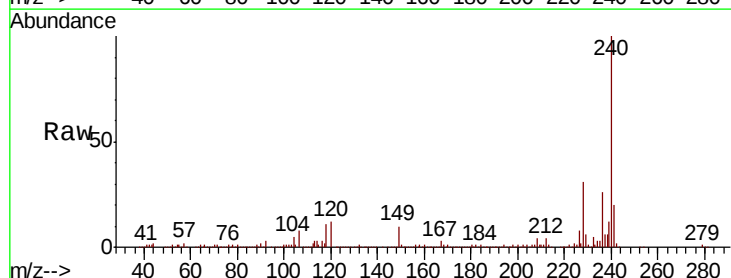
Tgt Ion:240 Resp: 612025

Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

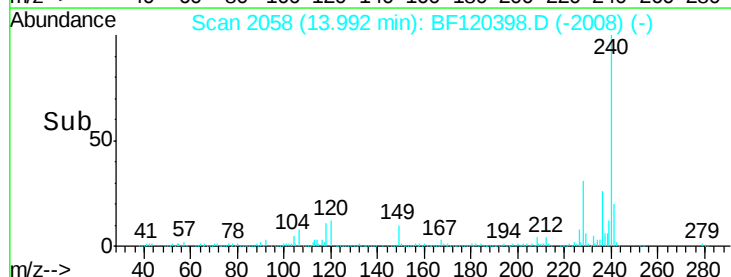
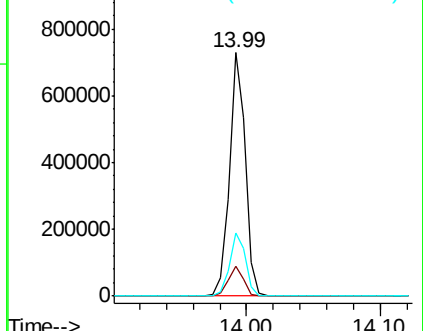
236 25.8 21.0 31.4

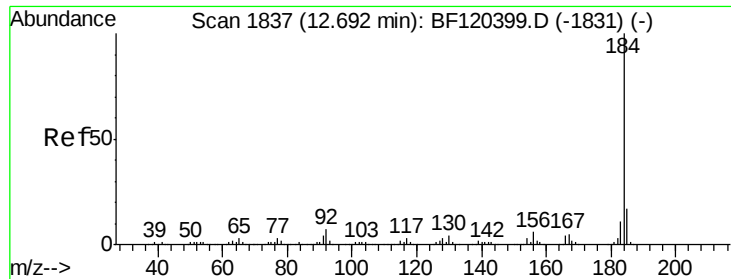


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.516 ng

RT: 12.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

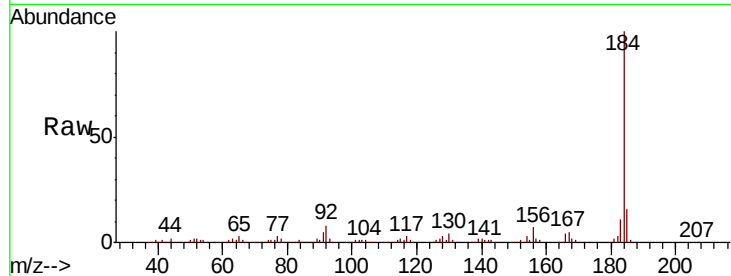
Tot Ion:184 Resp: 366663

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

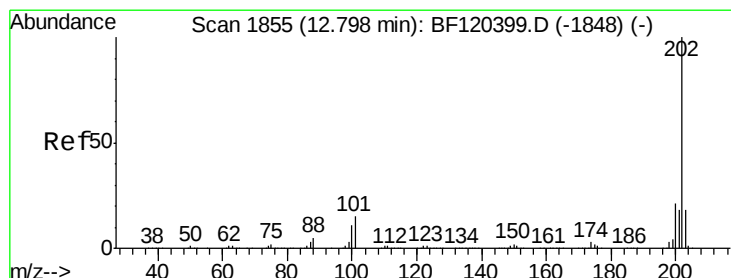
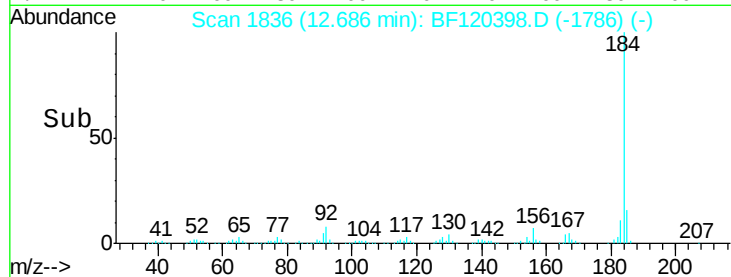
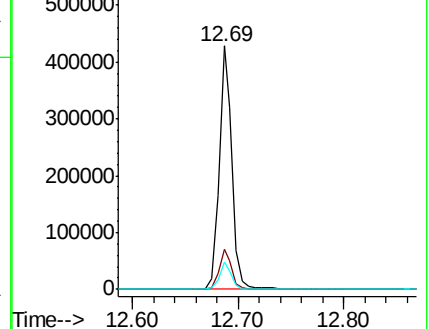
183 11.0 8.6 12.8



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: 23.851 ng

RT: 12.80 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

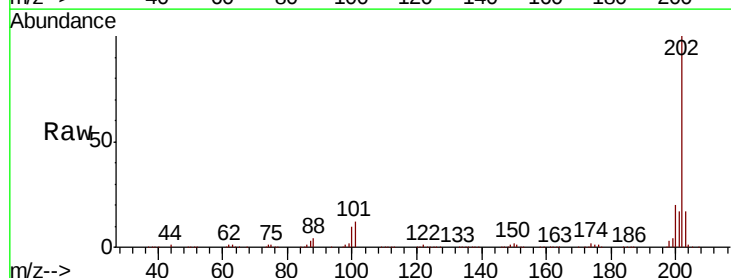
Tgt Ion:202 Resp: 1040671

Ion Ratio Lower Upper

202 100

200 20.3 17.0 25.4

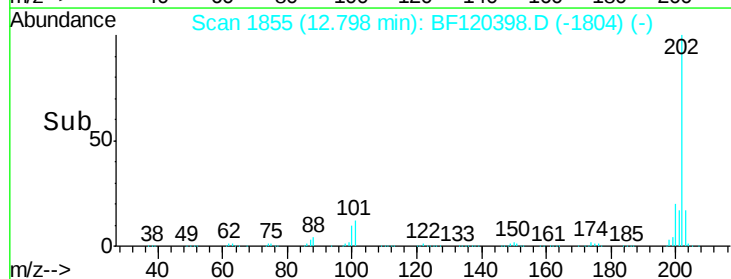
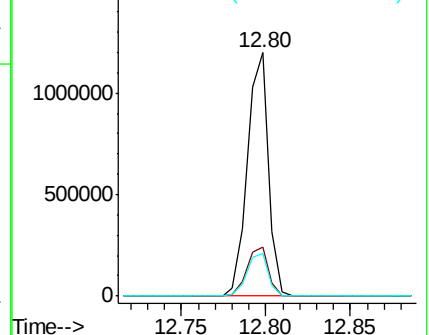
203 17.5 14.7 22.1

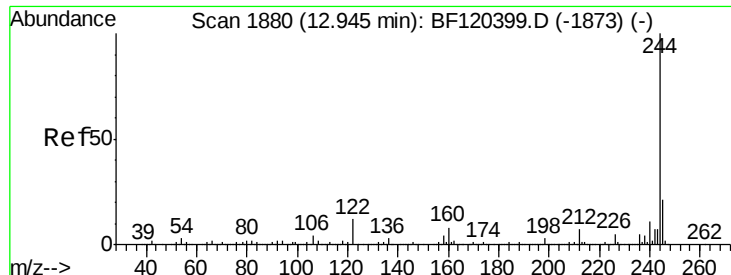


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.900 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

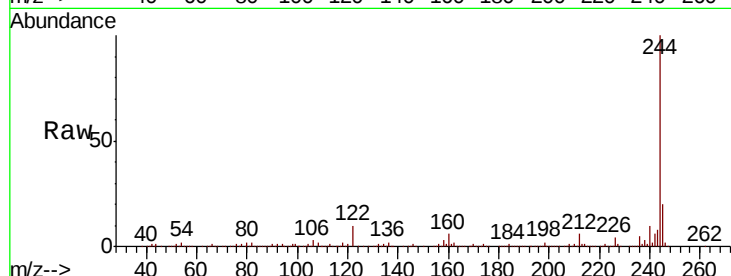
Tot Ion:244 Resp: 1437792

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

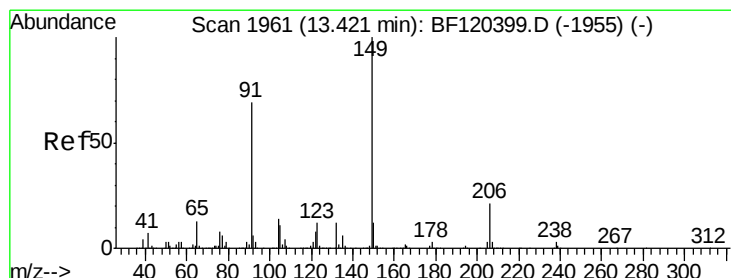
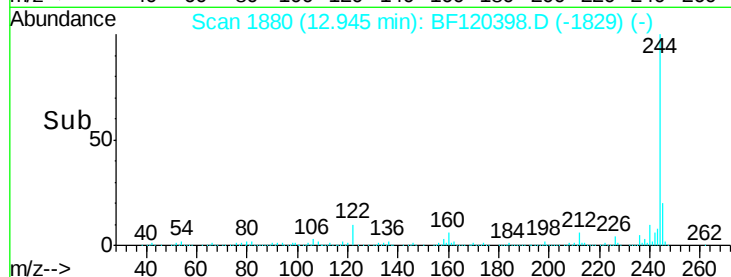
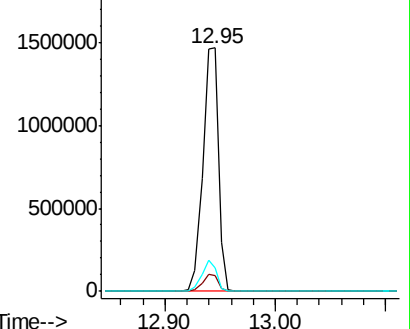
122 9.7 9.2 13.8



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: 20.148 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

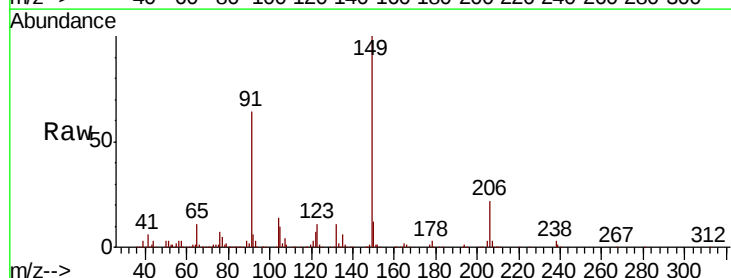
Tgt Ion:149 Resp: 413955

Ion Ratio Lower Upper

149 100

91 63.5 55.0 82.4

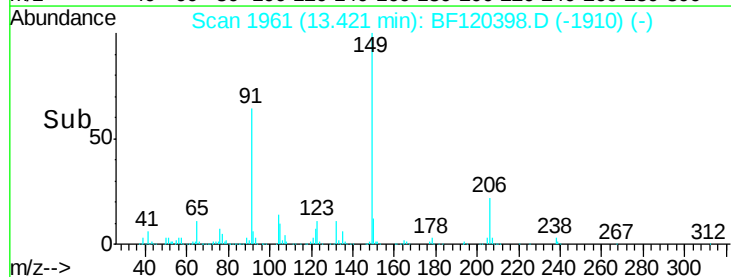
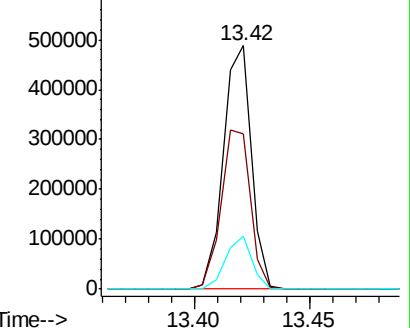
206 21.9 17.0 25.4

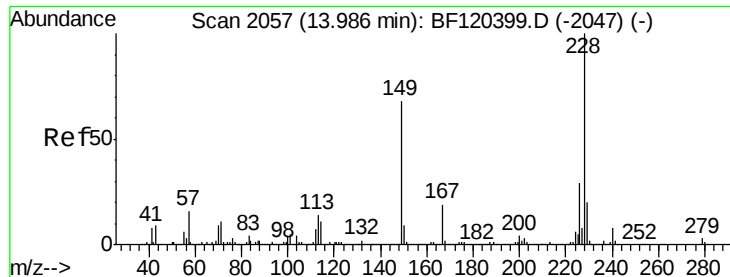


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.772 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

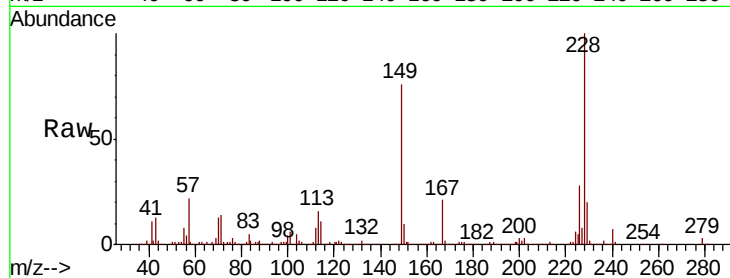
Tot Ion:228 Resp: 831927

Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

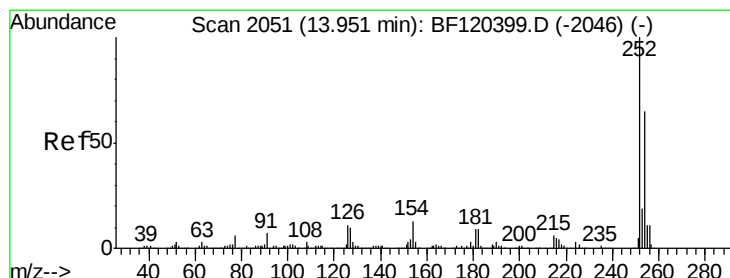
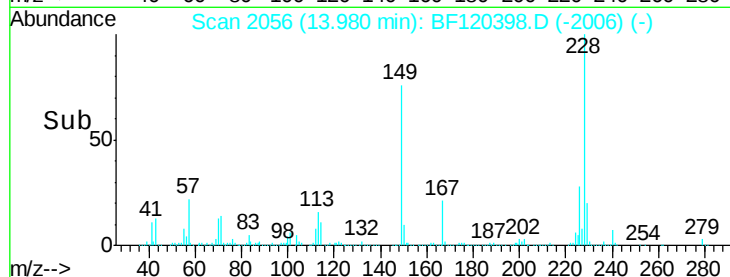
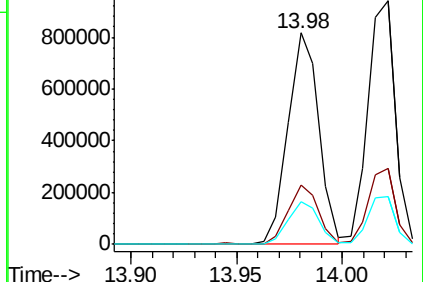
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.360 ng

RT: 13.94 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

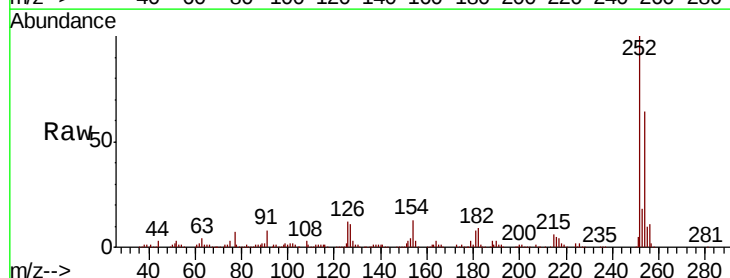
Tgt Ion:252 Resp: 284172

Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

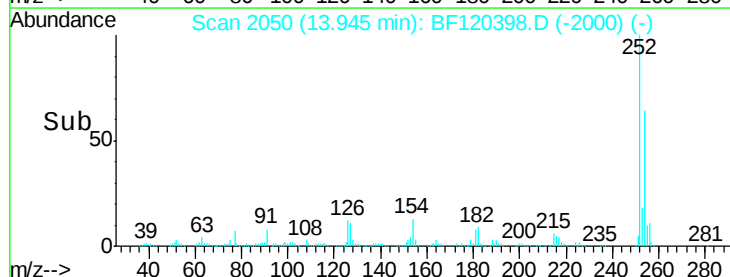
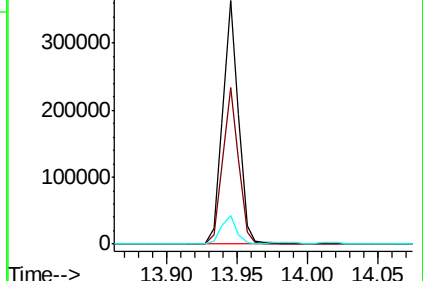
126 11.8 8.5 12.7

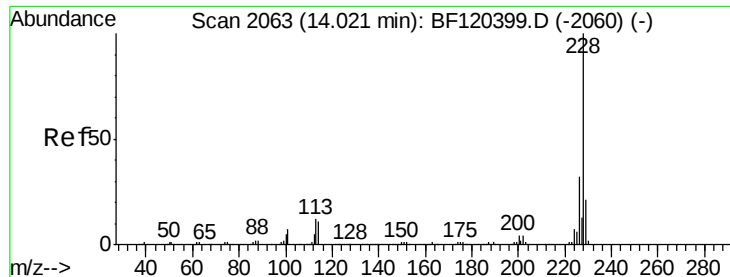


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 24.770 ng

RT: 14.02 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

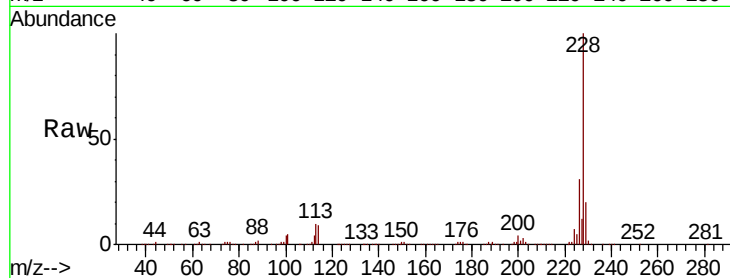
Tot Ion:228 Resp: 858595

Ion Ratio Lower Upper

228 100

226 31.0 25.6 38.4

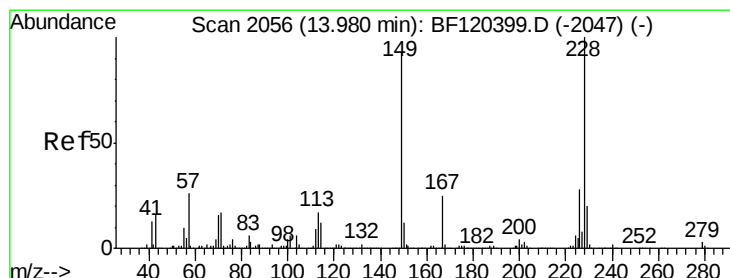
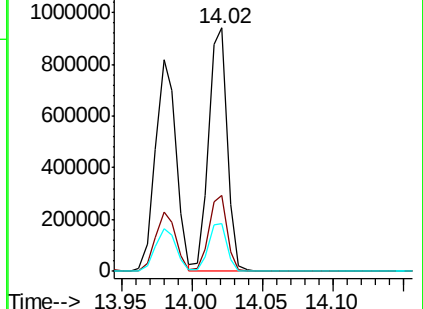
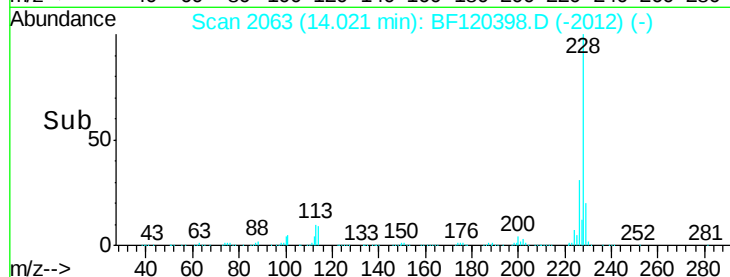
229 19.8 16.6 25.0



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: 20.405 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

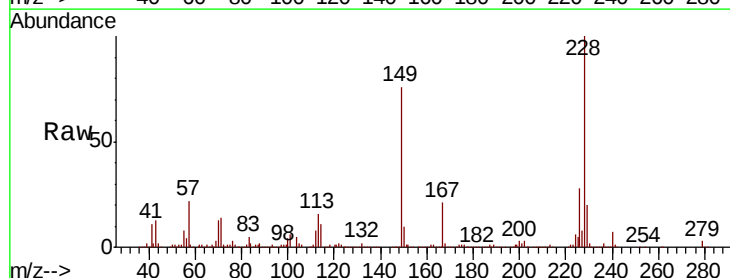
Tgt Ion:149 Resp: 521579

Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

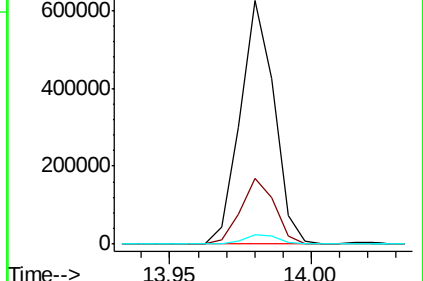
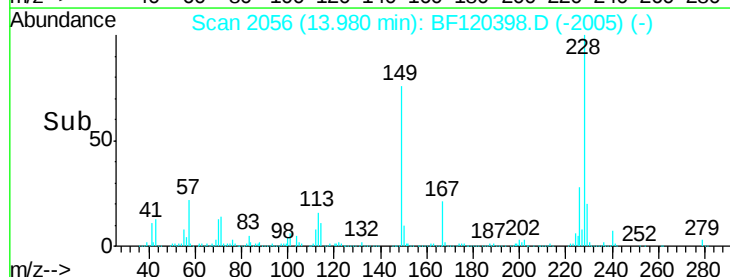
279 3.7 2.9 4.3

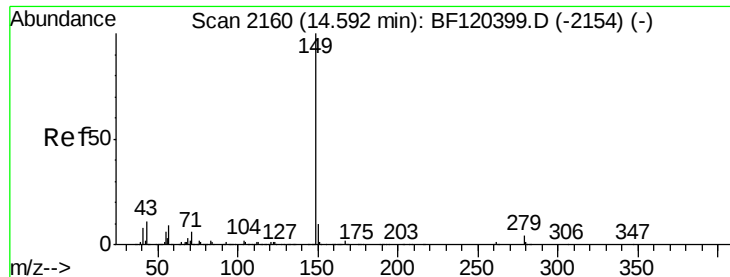


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

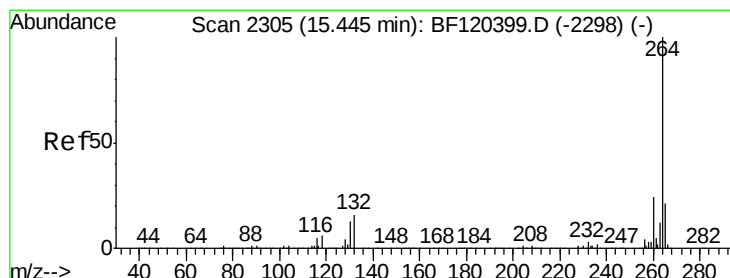
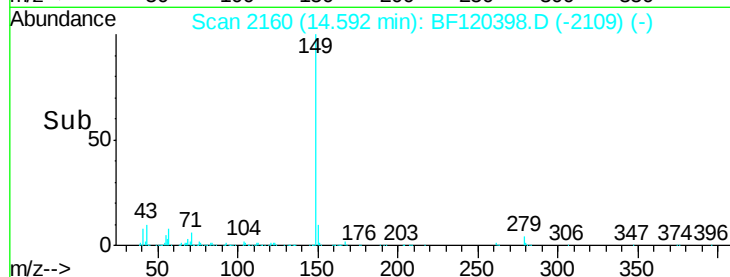
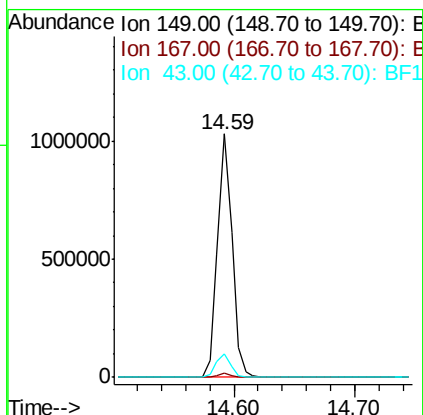
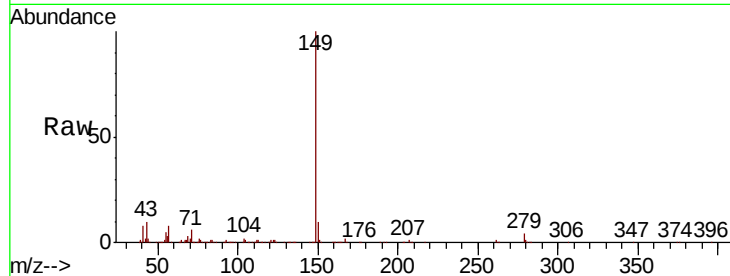




#85
Di-n-octyl phthalate
Concen: 18.549 ng
RT: 14.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

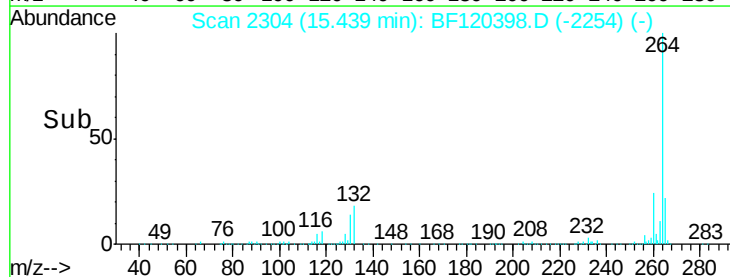
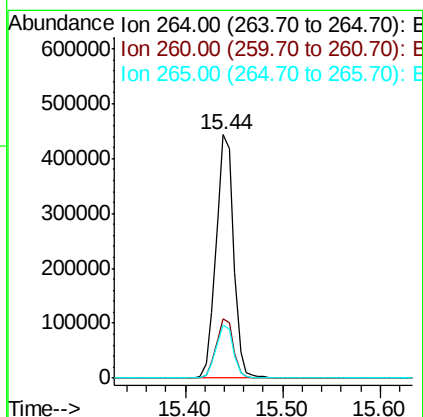
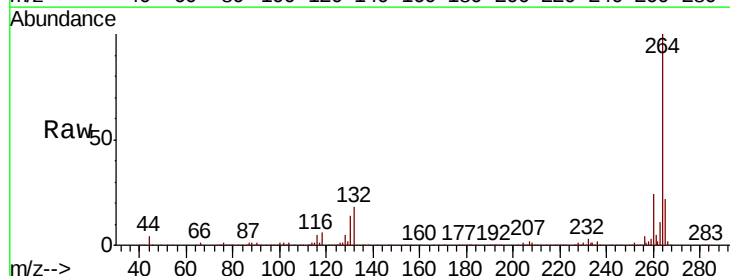
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

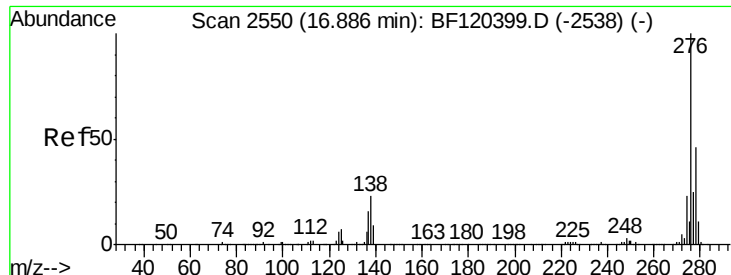
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.1	12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF120398.D
Acq: 28 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	16.9	25.3

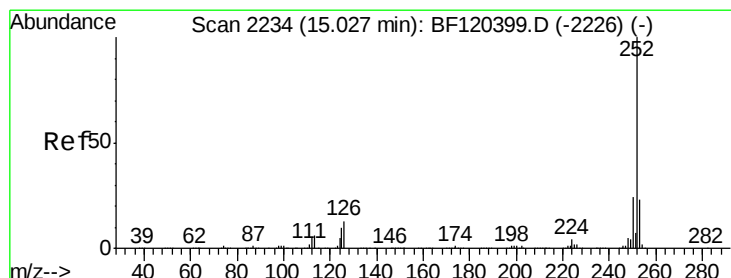
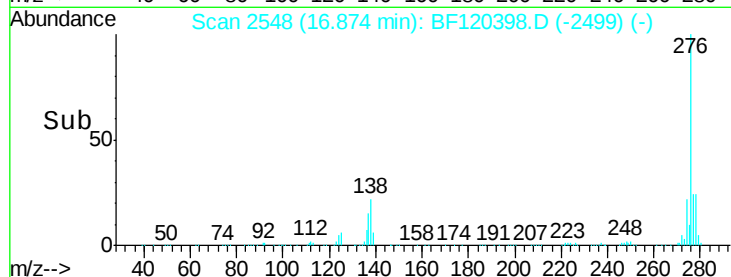
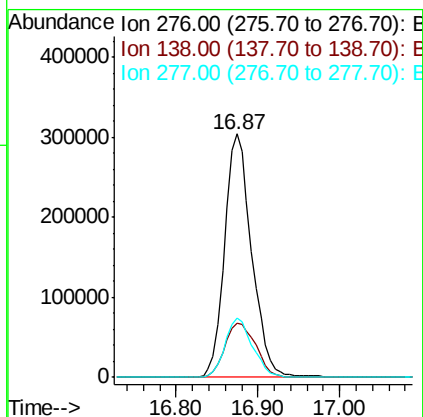
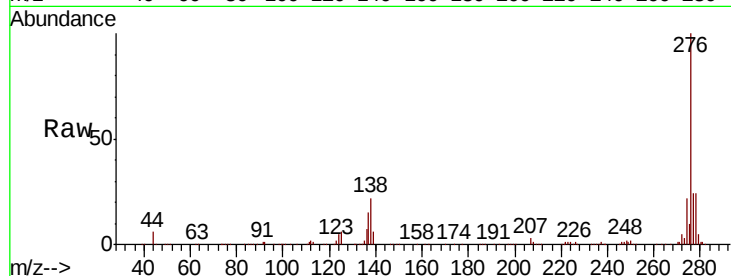




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 23.911 ng
 RT: 16.87 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

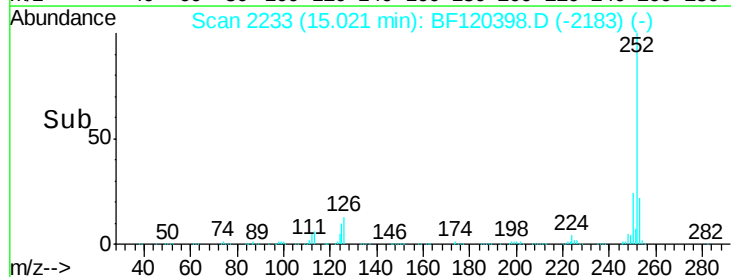
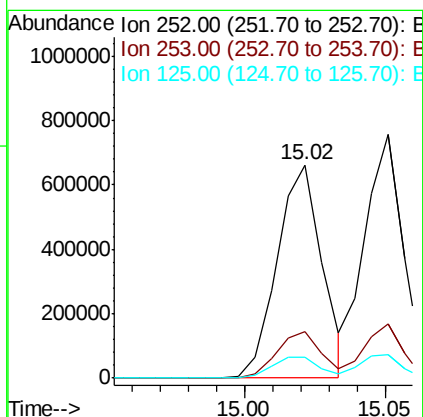
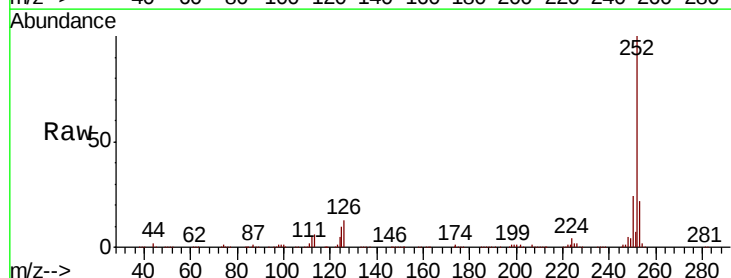
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

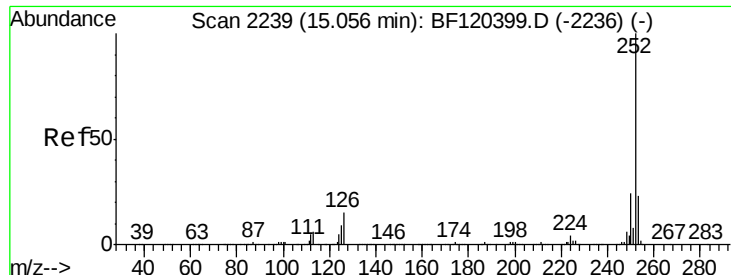
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.4	30.6
277	24.9	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 24.225 ng
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120398.D
 Acq: 28 May 2020 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.0	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 27.936 ng

RT: 15.05 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

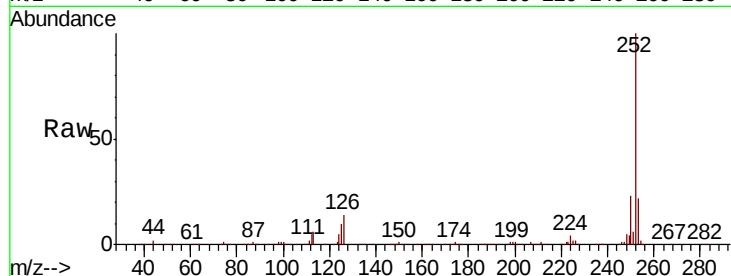
Tot Ion:252 Resp: 730860

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

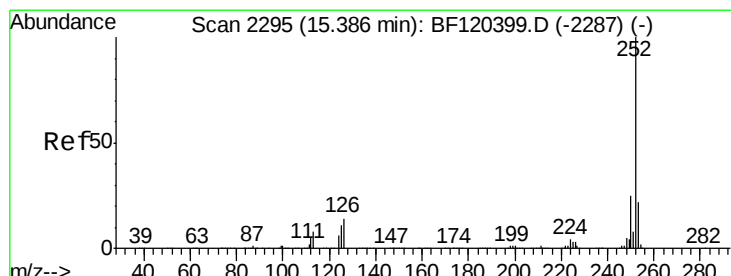
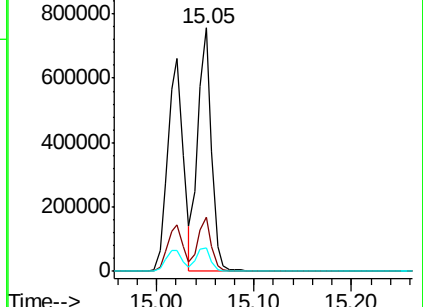
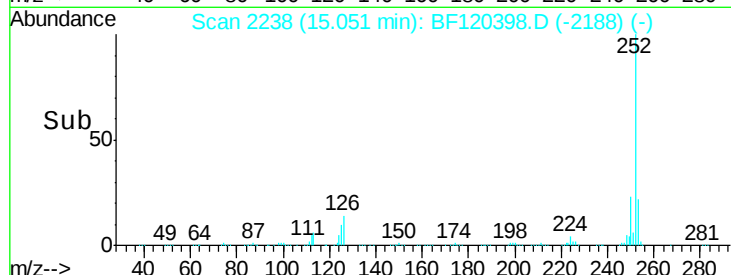
125 9.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 23.851 ng

RT: 15.38 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

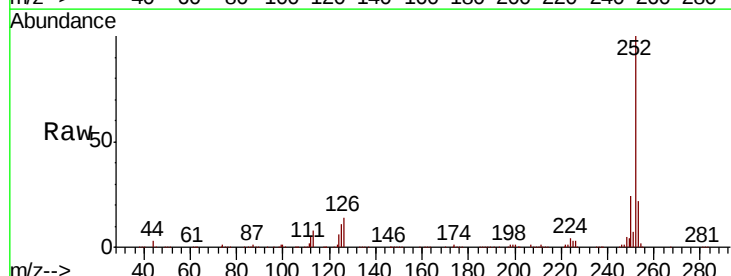
Tgt Ion:252 Resp: 645919

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

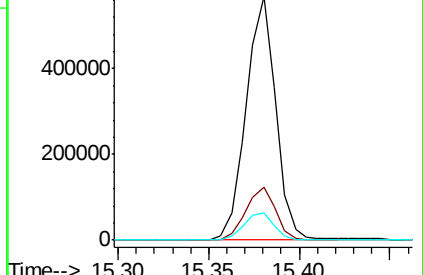
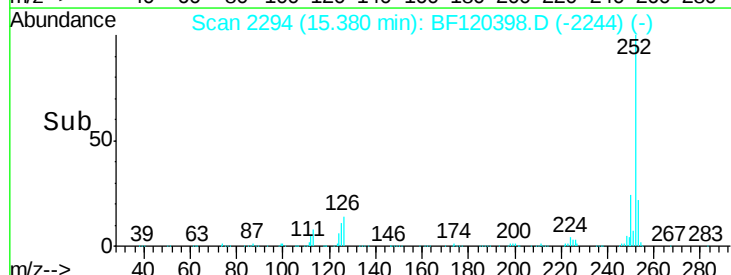
125 11.1 8.7 13.1

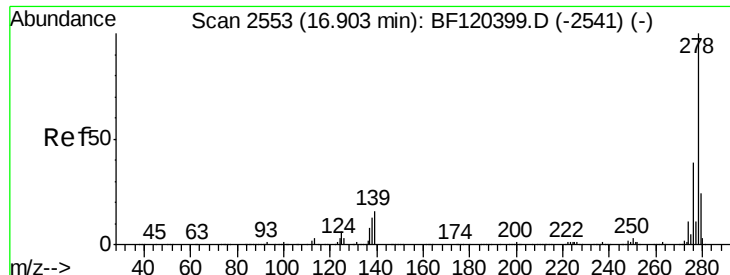


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 24.439 ng

RT: 16.89 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

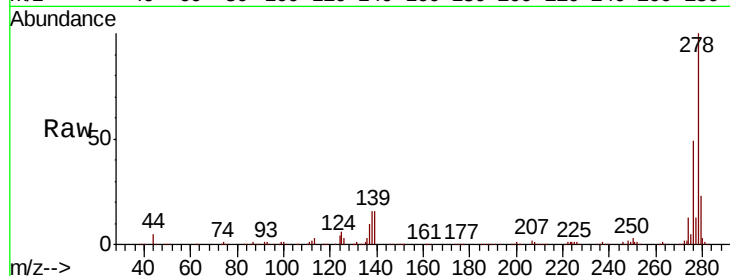
Tot Ion:278 Resp: 586310

Ion Ratio Lower Upper

278 100

139 16.3 12.8 19.2

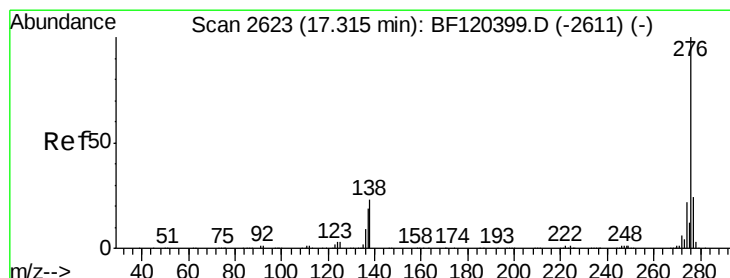
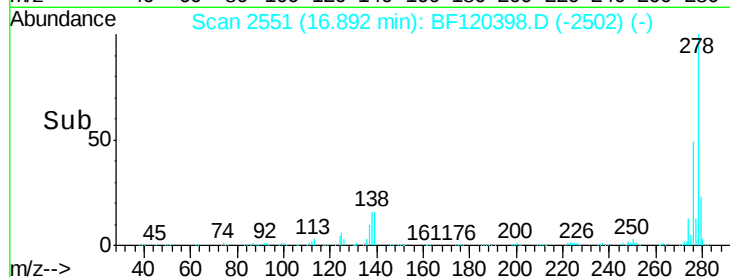
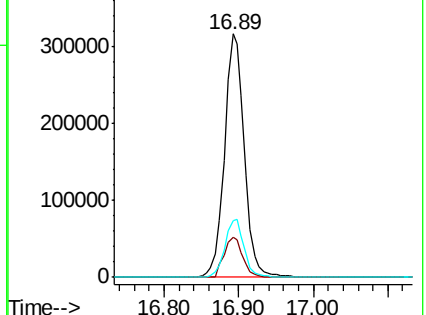
279 23.3 19.0 28.4



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: 22.632 ng

RT: 17.30 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF120398.D

Acq: 28 May 2020 10:27

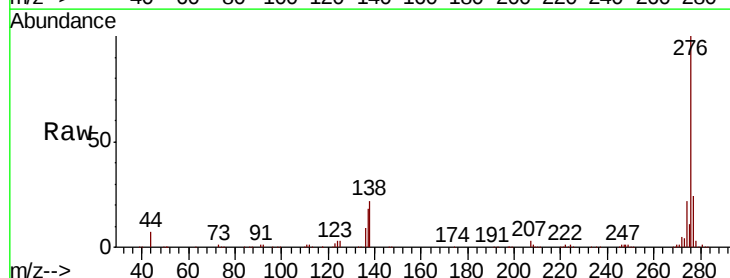
Tgt Ion:276 Resp: 547522

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 21.8 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

