

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117773.D
 Acq On : 12 Nov 2019 21:26
 Operator : JU
 Sample : K5746-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Quant Time: Nov 13 01:16:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276839	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1051577	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	488092	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	777341	20.00	ng	0.00
76) Chrysene-d12	14.12	240	637431	20.00	ng	0.00
87) Perylene-d12	15.63	264	731344	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1791365	117.13	ng	0.02
7) Phenol-d6	6.55	99	2153097	114.18	ng	0.00
23) Nitrobenzene-d5	7.49	82	1395722	78.36	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	515474	107.96	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2460148	99.45	ng	0.00
79) Terphenyl-d14	13.06	244	2182302	70.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.98	88	260818	34.227	ng	# 83
3) Pyridine	3.66	79	550285	26.253	ng	99
4) n-Nitrosodimethylamine	3.59	42	347603	37.632	ng	96
6) Aniline	6.59	93	133772	5.055	ng	99
8) 2-Chlorophenol	6.72	128	706499	41.526	ng	96
10) Phenol	6.56	94	792815	39.017	ng	92
11) bis(2-Chloroethyl)ether	6.66	93	666621	39.729	ng	99
12) 1,3-Dichlorobenzene	6.87	146	782465	39.676	ng	99
13) 1,4-Dichlorobenzene	6.95	146	797786	40.412	ng	98
14) 1,2-Dichlorobenzene	7.10	146	744158	40.940	ng	99
15) Benzyl Alcohol	7.06	79	529405	35.210	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	952327	35.896	ng	99
17) 2-Methylphenol	7.17	107	590123	40.386	ng	98
18) Hexachloroethane	7.44	117	277838	38.075	ng	99
19) n-Nitroso-di-n-propylamine	7.34	70	465653	37.555	ng	97
20) 3+4-Methylphenols	7.33	107	702367	40.368	ng	# 87
22) Acetophenone	7.33	105	947862	39.438	ng	# 94
24) Nitrobenzene	7.51	77	746202	40.120	ng	98
25) Isophorone	7.75	82	1285006	37.720	ng	99
26) 2-Nitrophenol	7.83	139	370156	42.869	ng	99
27) 2,4-Dimethylphenol	7.86	122	626282	43.015	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	796030	36.401	ng	100
29) 2,4-Dichlorophenol	8.07	162	579284	38.619	ng	96
30) 1,2,4-Trichlorobenzene	8.15	180	660213	38.448	ng	99
31) Naphthalene	8.23	128	2025334	42.137	ng	99
32) Benzoic acid	7.97	122	240230	20.844	ng	98
33) 4-Chloroaniline	8.29	127	58744	2.630	ng	98
34) Hexachlorobutadiene	8.35	225	375239	38.159	ng	98
35) Caprolactam	8.64	113	84111	16.918	ng	93
36) 4-Chloro-3-methylphenol	8.76	107	558038	36.868	ng	99
37) 2-Methylnaphthalene	8.93	142	1328810	40.609	ng	98
38) 1-Methylnaphthalene	9.03	142	1246872	40.126	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	581585	43.555	ng	99
41) Hexachlorocyclopentadiene	9.09	237	327361	45.443	ng	99

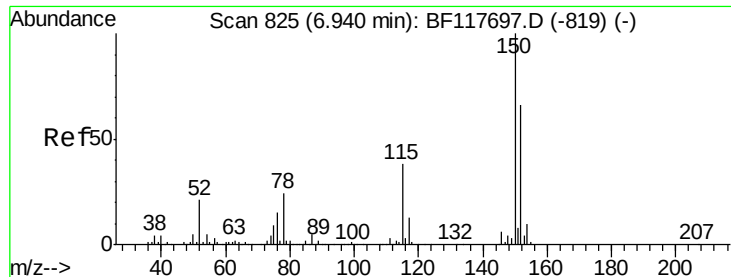
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.20	196	417537	42.934	nq	100
44) 2,4,5-Trichlorophenol	9.25	196	385820	39.139	nq	99
46) 1,1'-Biphenyl	9.39	154	1532512	44.831	nq	99
47) 2-Chloronaphthalene	9.42	162	1178866	41.556	nq	99
48) 2-Nitroaniline	9.51	65	321244	36.136	nq	99
49) Acenaphthylene	9.84	152	1771766	42.887	nq	98
50) Dimethylphthalate	9.69	163	1337678	40.540	nq	98
51) 2,6-Dinitrotoluene	9.75	165	292471	39.583	nq	# 86
52) Acenaphthene	10.01	154	1110722	41.665	nq	99
53) 3-Nitroaniline	9.92	138	81083	9.096	nq	94
54) 2,4-Dinitrophenol	10.03	184	147786	58.342	nq	98
55) Dibenzofuran	10.18	168	1514145	40.591	nq	98
56) 4-Nitrophenol	10.07	139	452981	67.570	nq	90
57) 2,4-Dinitrotoluene	10.16	165	358478	37.821	nq	97
58) Fluorene	10.53	166	1094645	39.816	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	304806	37.196	nq	97
60) Diethylphthalate	10.39	149	1242999	38.304	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	563070	39.344	nq	100
62) 4-Nitroaniline	10.53	138	182487	20.799	nq	96
63) Azobenzene	10.67	77	1088954	35.430	nq	95
65) 4,6-Dinitro-2-methylphenol	10.56	198	106941	34.453	nq	92
66) n-Nitrosodiphenylamine	10.63	169	808104	35.198	nq	100
67) 4-Bromophenyl-phenylether	11.01	248	334164	39.362	nq	99
68) Hexachlorobenzene	11.07	284	374271	38.163	nq	# 88
69) Atrazine	11.16	200	207281	27.398	nq	97
70) Pentachlorophenol	11.27	266	423157	77.185	nq	97
71) Phenanthrene	11.49	178	1531661	41.108	nq	99
72) Anthracene	11.55	178	1550105	41.817	nq	98
73) Carbazole	11.70	167	1224465	36.134	nq	97
74) Di-n-butylphthalate	12.03	149	1646850	39.967	nq	99
75) Fluoranthene	12.69	202	1550739	40.761	nq	99
78) Pyrene	12.92	202	1599260	34.369	nq	98
80) Butylbenzylphthalate	13.53	149	702094	32.666	nq	99
81) Benzo(a)anthracene	14.11	228	1622522	40.893	nq	98
82) 3,3'-Dichlorobenzidine	14.06	252	155973	10.525	nq	99
83) Chrysene	14.14	228	1559734	39.806	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	947411	34.172	nq	# 98
85) Di-n-octyl phthalate	14.72	149	1766325	40.486	nq	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1437943	39.428	nq	99
88) Benzo(b)fluoranthene	15.19	252	1772601	38.484	nq	99
89) Benzo(k)fluoranthene	15.22	252	1636709	39.840	nq	99
90) Benzo(a)pyrene	15.57	252	1507487	37.754	nq	99
91) Dibenzo(a,h)anthracene	17.19	278	1243646	34.728	nq	99
92) Benzo(g,h,i)perylene	17.63	276	1112969	32.069	nq	99

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

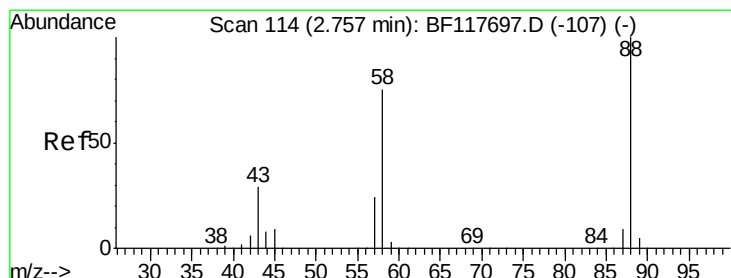
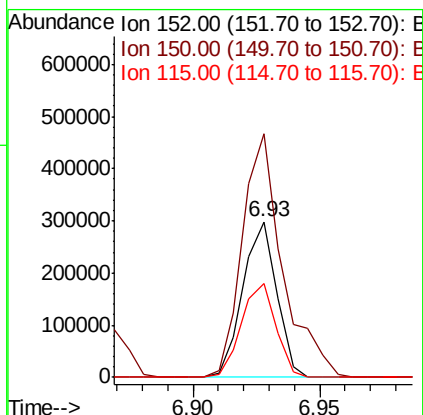
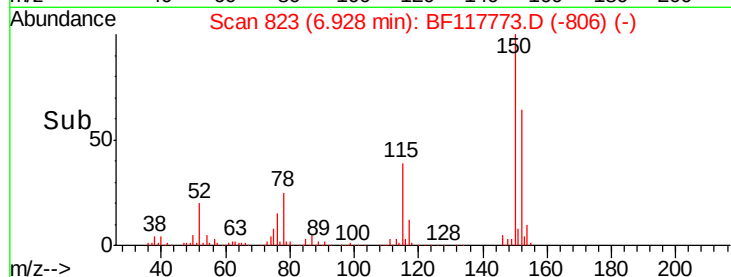
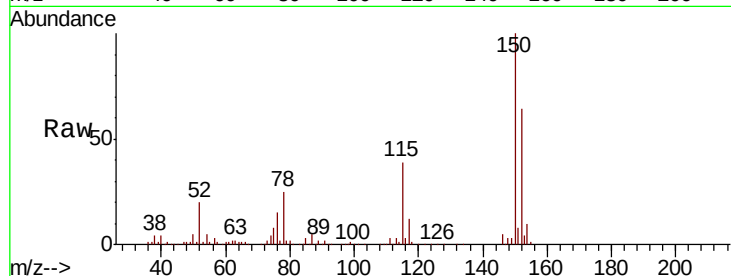


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

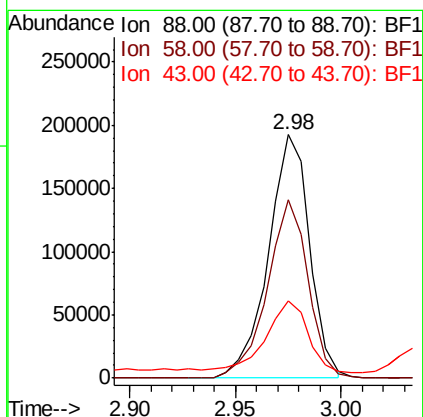
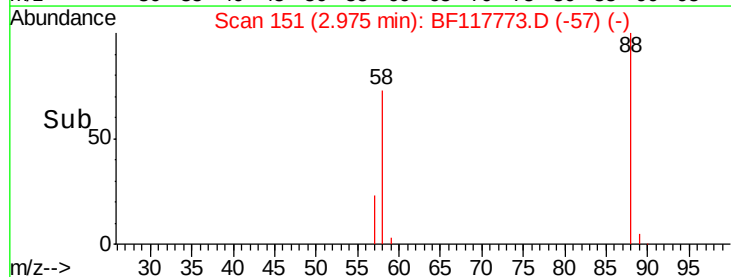
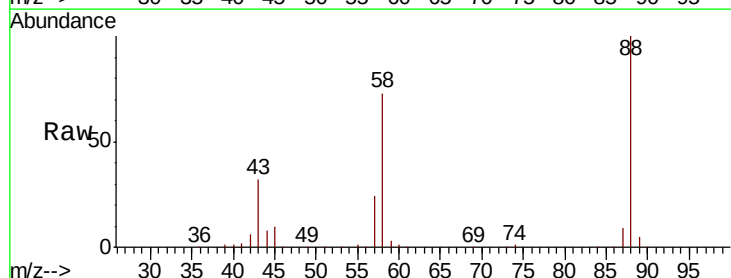
Tot Ion:152 Resp: 276839
Ion Ratio Lower Upper
152 100
150 156.7 126.6 190.0
115 60.6 47.6 71.4

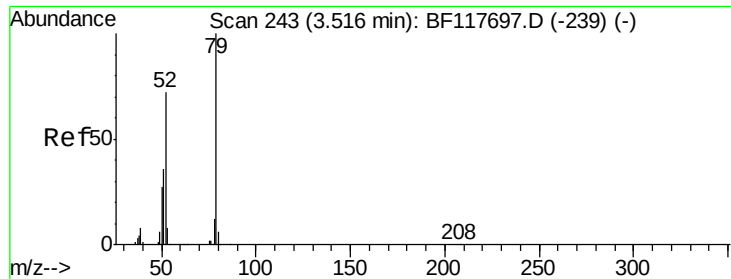


#2

1,4-Dioxane
Concen: 34.227 ng
RT: 2.98 min Scan# 151
Delta R.T. 0.25 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion: 88 Resp: 260818
Ion Ratio Lower Upper
88 100
58 72.0 59.2 88.8
43 0.0 23.0 34.4#





#3

Pvridine

Concen: 26.253 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.17 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

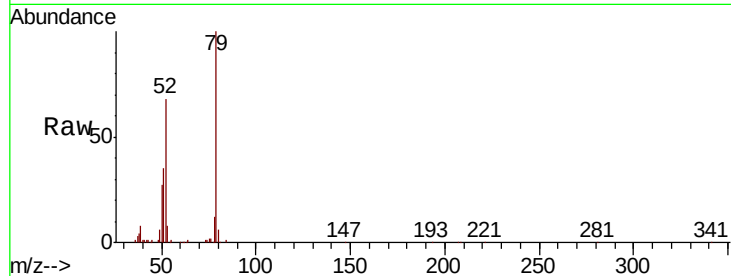
Tot Ion: 79 Resp: 550285

Ion Ratio Lower Upper

79 100

52 68.1 55.6 83.4

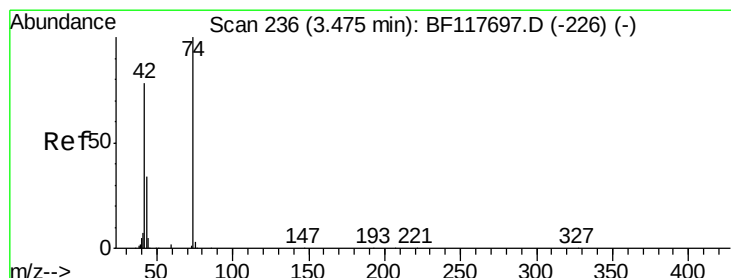
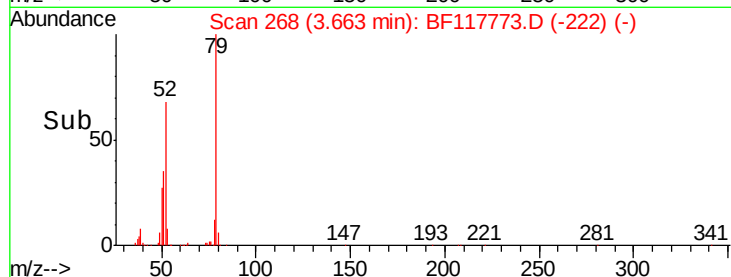
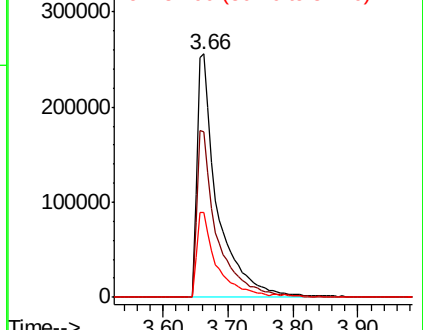
51 34.7 27.7 41.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.632 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.14 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

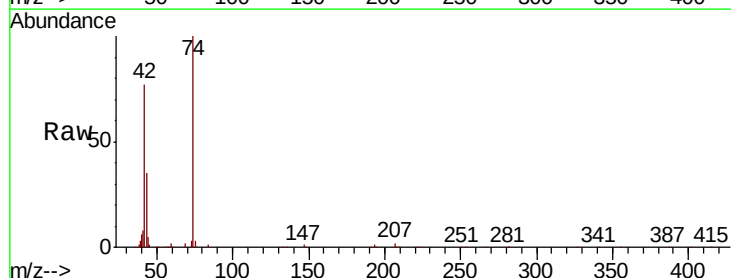
Tgt Ion: 42 Resp: 347603

Ion Ratio Lower Upper

42 100

74 130.3 108.5 162.7

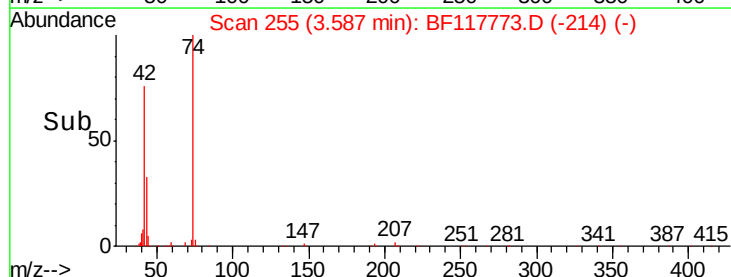
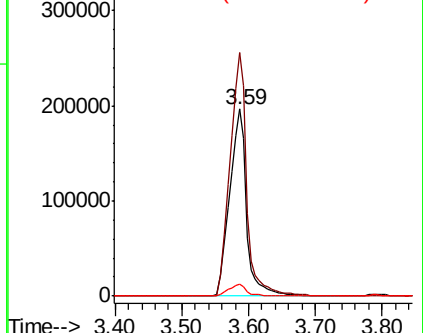
44 6.5 5.0 7.6

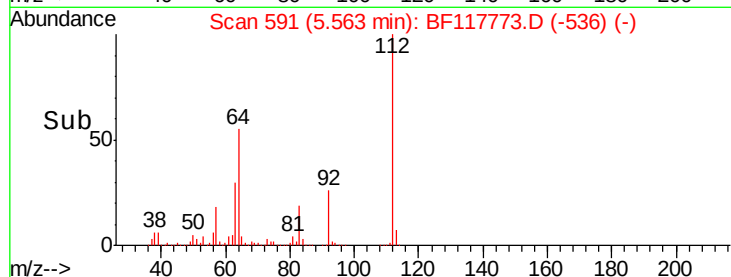
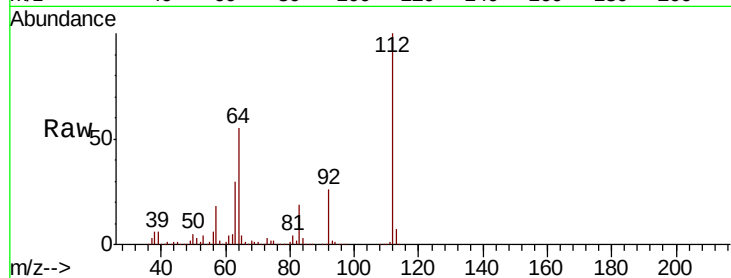
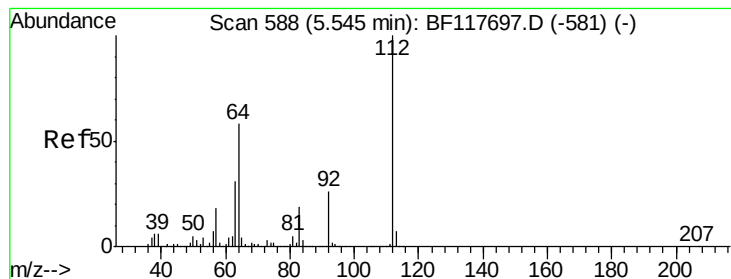


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.131 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

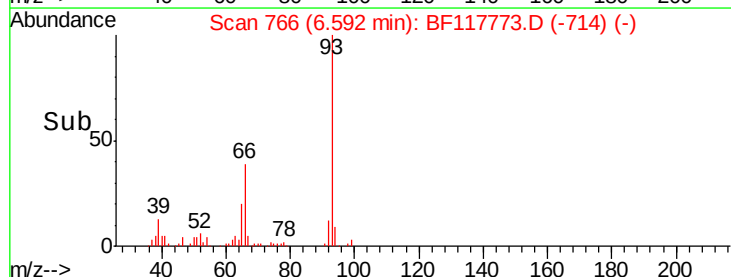
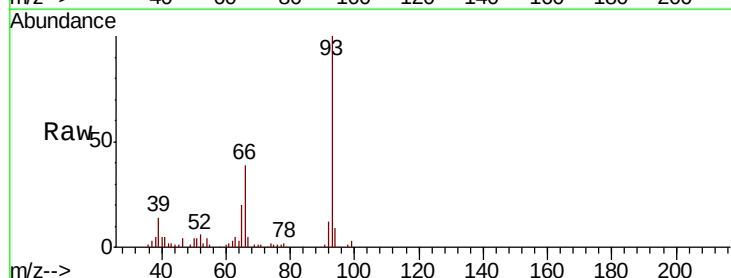
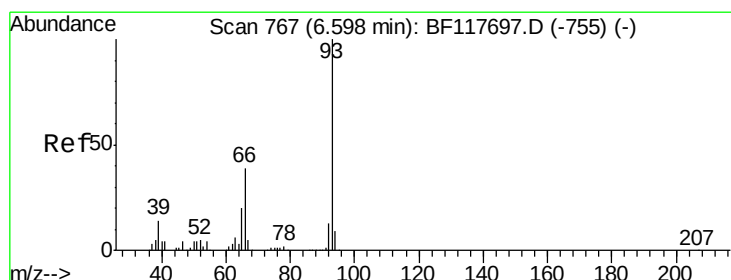
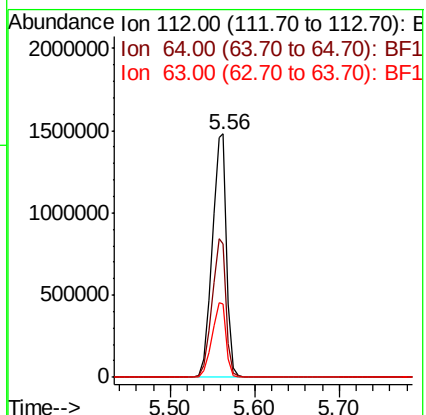
Tot Ion:112 Resp: 1791365

Ion Ratio Lower Upper

112 100

64 54.7 43.5 65.3

63 29.9 23.5 35.3



#6

Aniline

Concen: 5.055 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

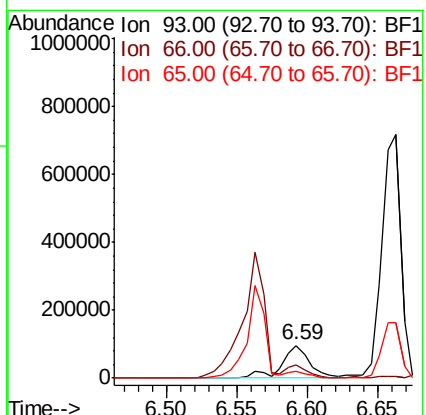
Tgt Ion: 93 Resp: 133772

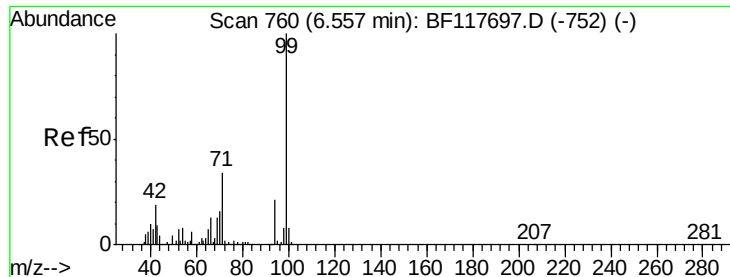
Ion Ratio Lower Upper

93 100

66 39.4 31.8 47.6

65 19.6 16.2 24.2





#7

Phenol-d6

Concen: 114.177 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

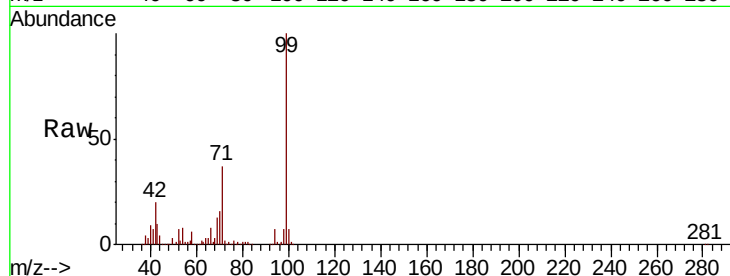
BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion: 99 Resp: 2153097

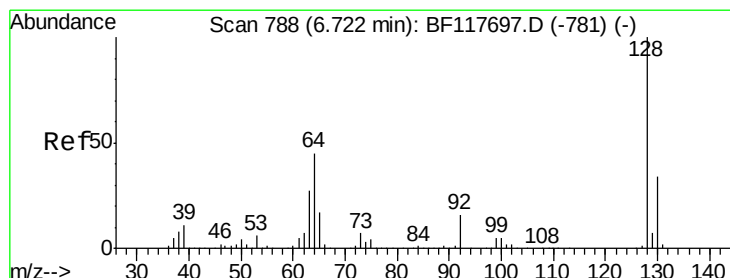
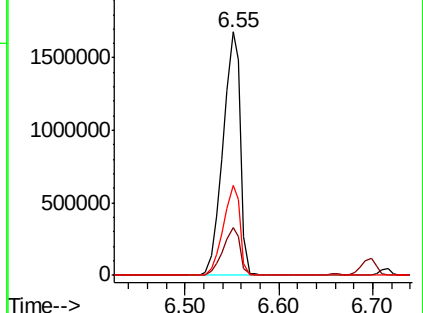
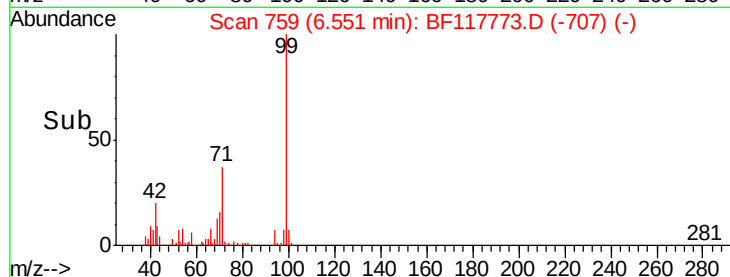
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.3	22.9
71	37.0	28.2	42.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.526 ng

RT: 6.72 min Scan# 787

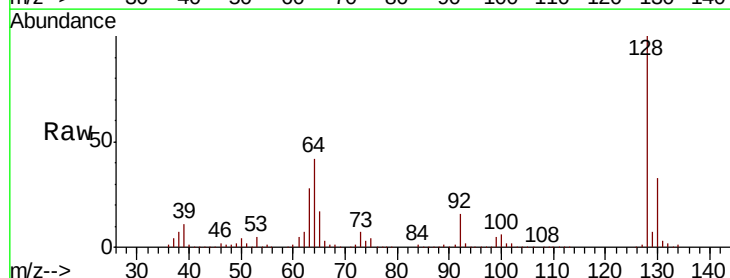
Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion: 128 Resp: 706499

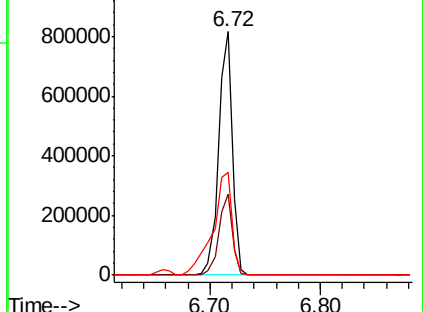
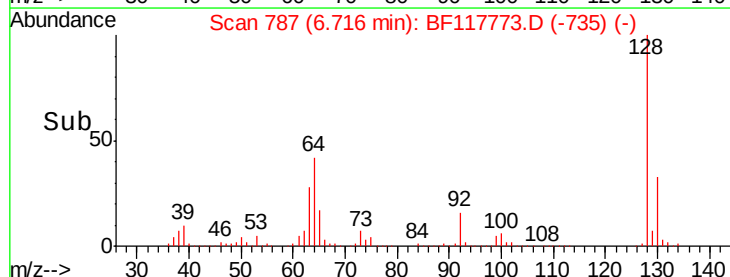
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.4	52.4
64	42.1	26.1	66.1

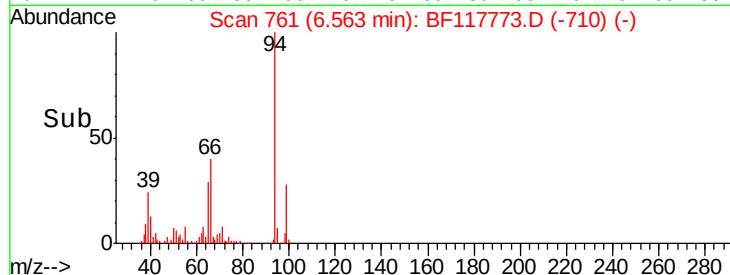
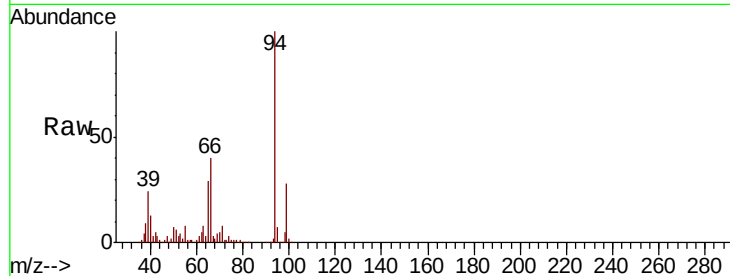
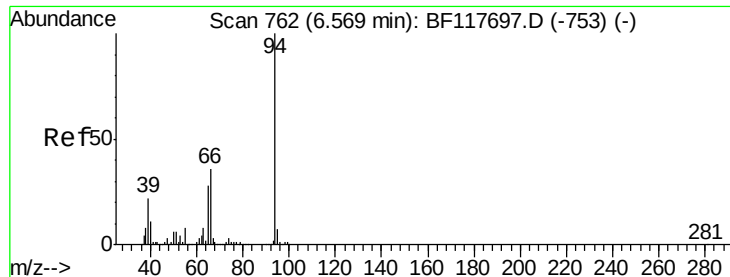


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 39.017 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

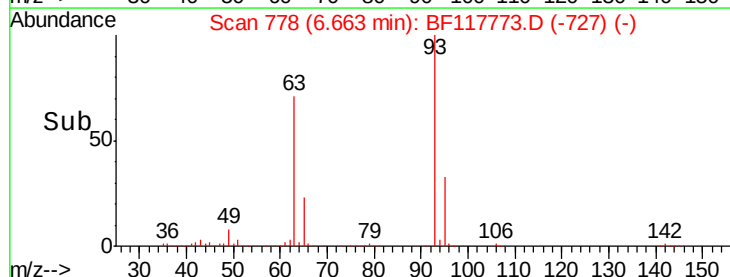
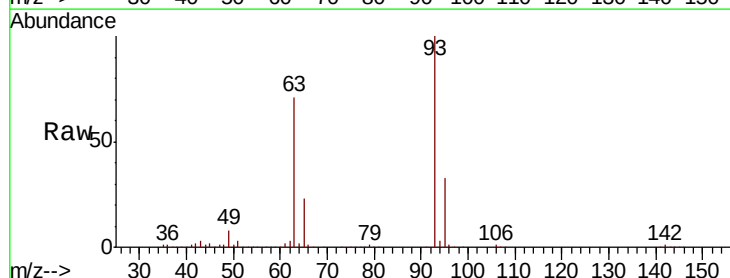
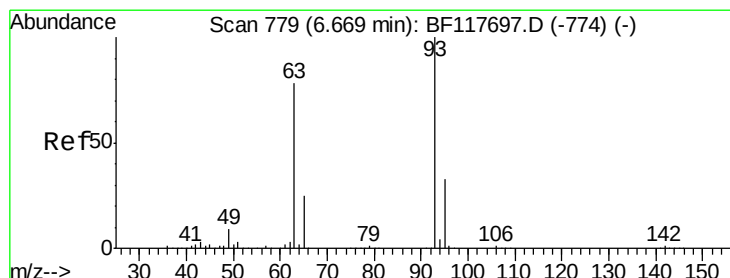
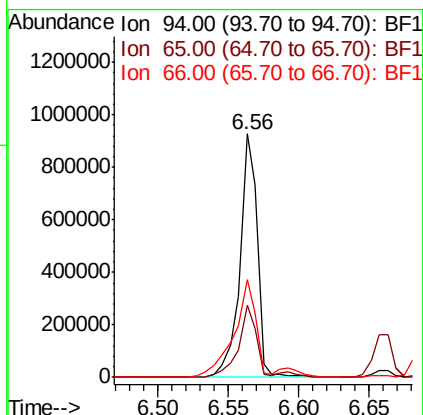
Tot Ion: 94 Resp: 792815

Ion Ratio Lower Upper

94 100

65 29.4 6.4 46.4

66 40.1 14.9 54.9



#11

bis(2-Chloroethyl)ether

Concen: 39.729 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

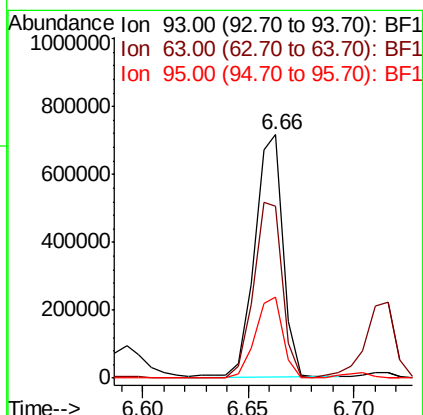
Tgt Ion: 93 Resp: 666621

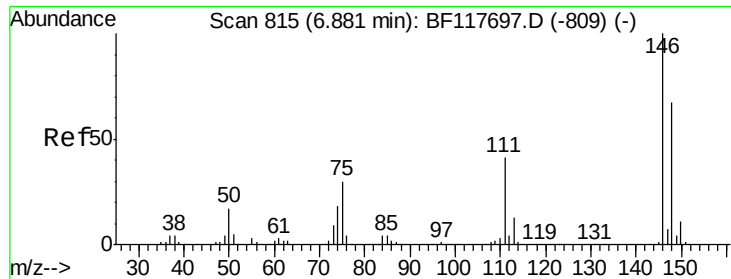
Ion Ratio Lower Upper

93 100

63 70.8 51.6 91.6

95 33.2 13.1 53.1

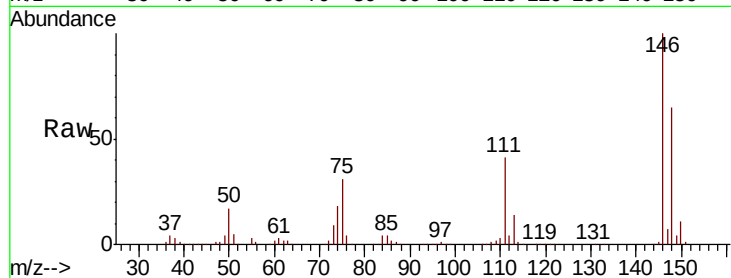




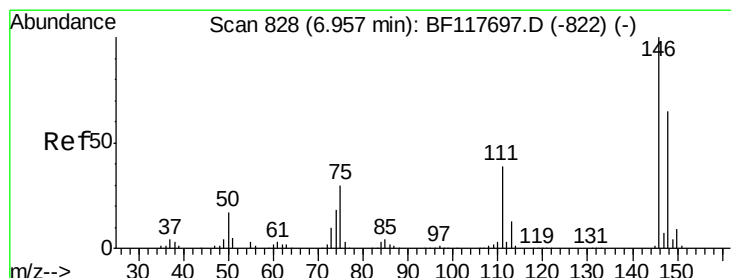
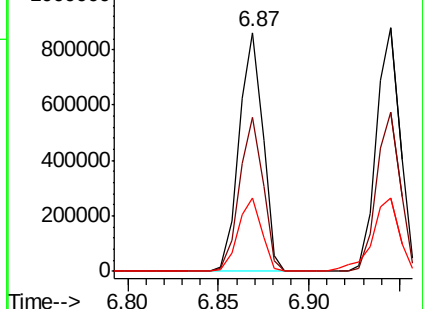
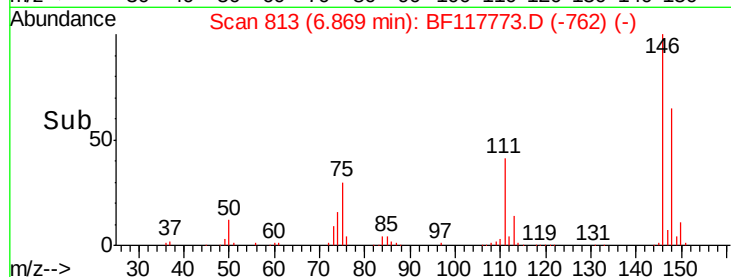
#12
 1,3-Dichlorobenzene
 Concen: 39.676 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.3	76.9
75	30.7	24.8	37.2

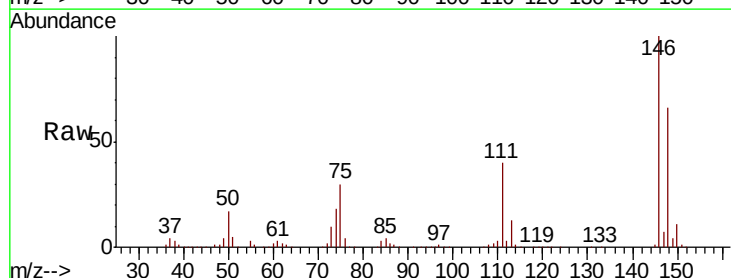


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

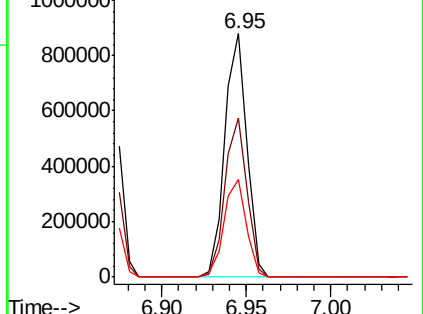
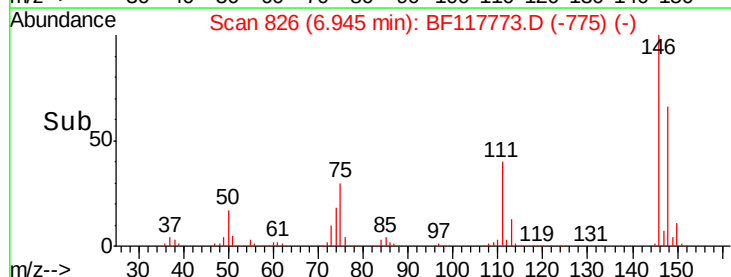


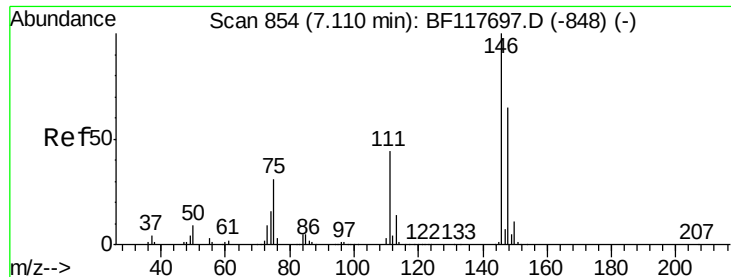
#13
 1,4-Dichlorobenzene
 Concen: 40.412 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	40.1	33.3	49.9



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

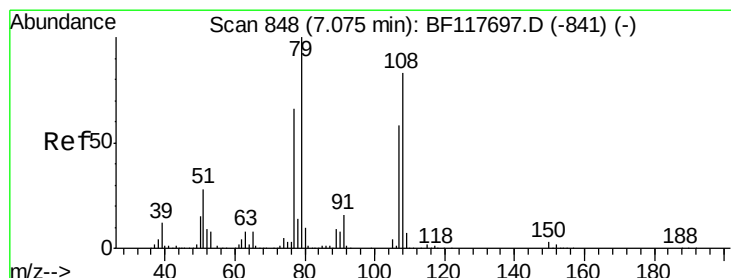
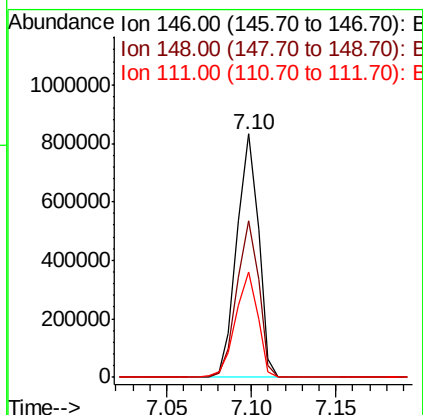
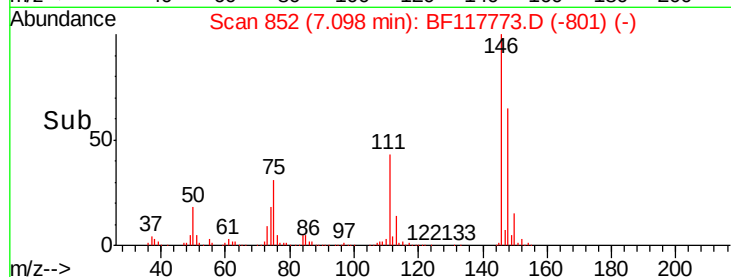
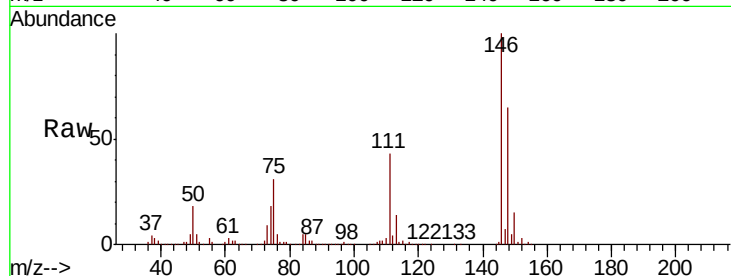




#14
1,2-Dichlorobenzene
Concen: 40.940 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

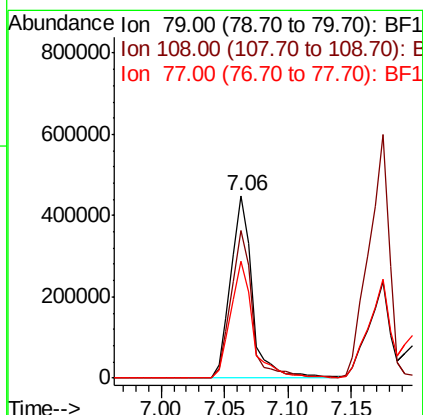
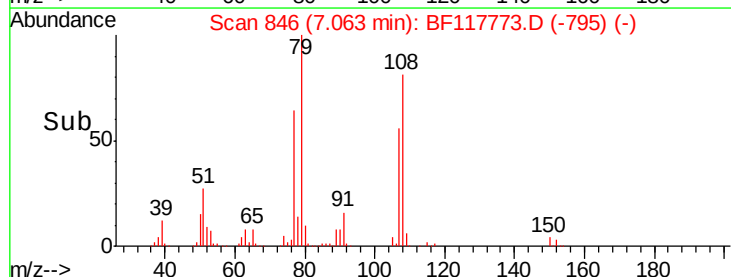
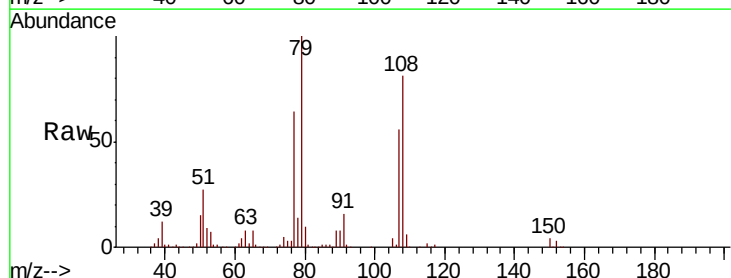
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

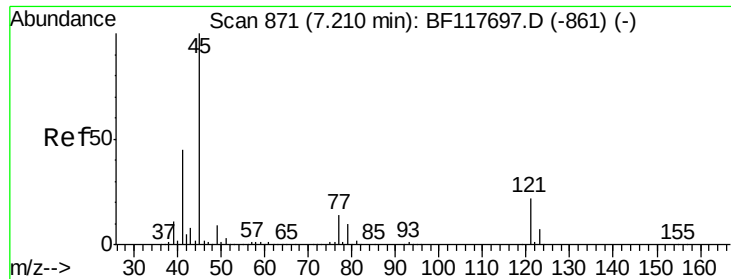
Tot Ion:146 Resp: 744158
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
111 43.0 35.2 52.8



#15
Benzyl Alcohol
Concen: 35.210 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion: 79 Resp: 529405
Ion Ratio Lower Upper
79 100
108 81.0 64.1 96.1
77 63.8 51.6 77.4

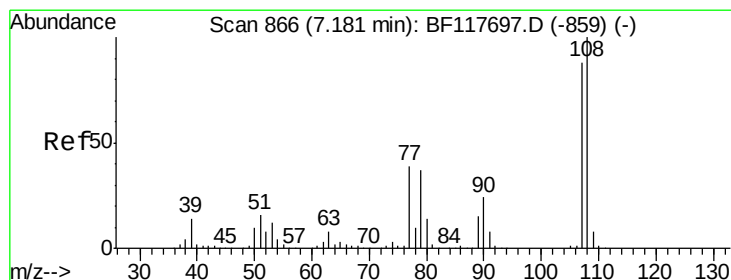
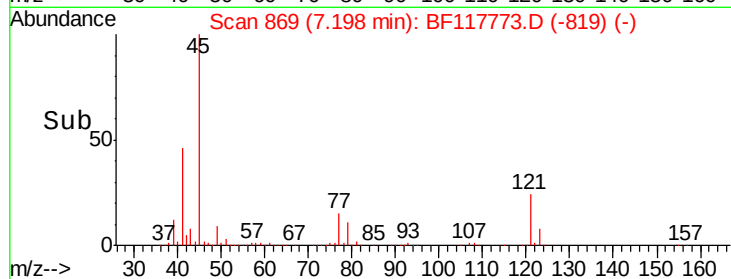
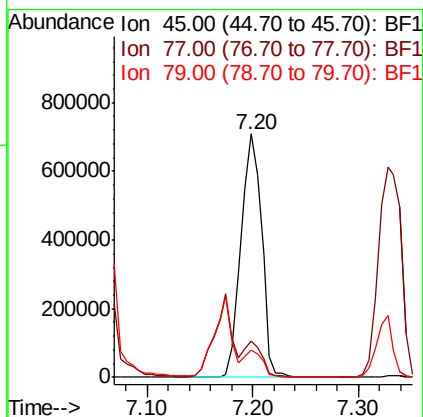
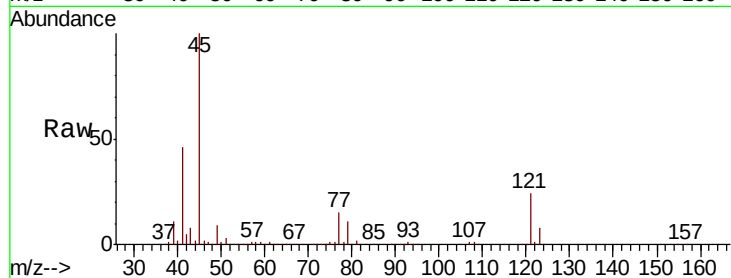




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.896 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

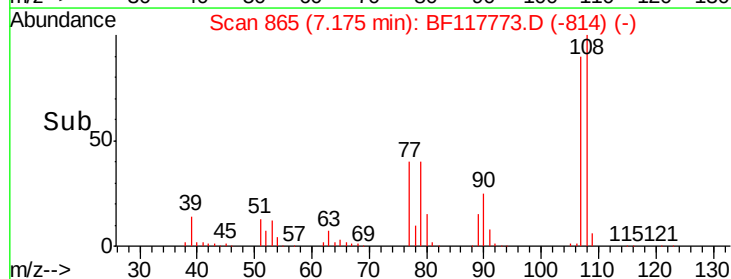
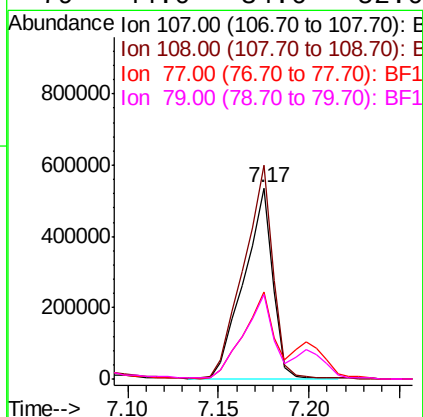
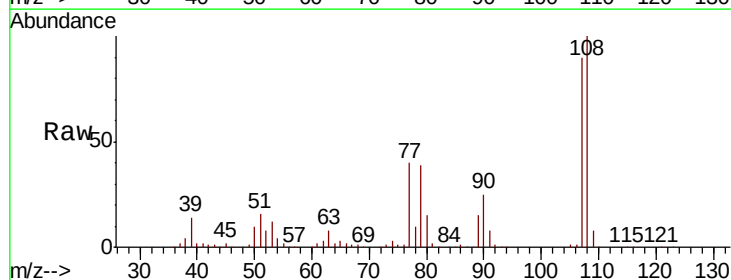
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

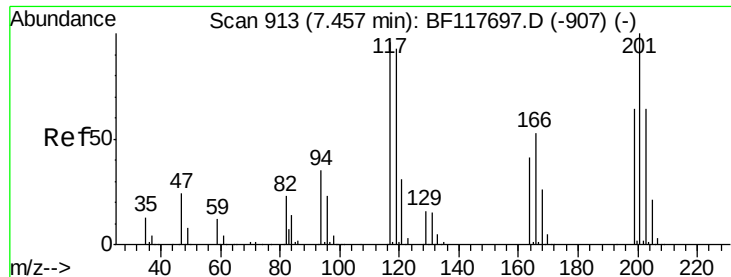
Tot Ion: 45 Resp: 952327
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.6
79 11.5 0.0 31.3



#17
2-Methylphenol
Concen: 40.386 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion: 107 Resp: 590123
Ion Ratio Lower Upper
107 100
108 111.6 90.7 136.1
77 45.2 35.3 52.9
79 44.0 34.6 52.0

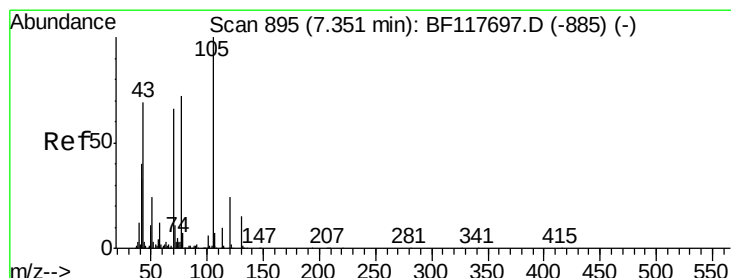
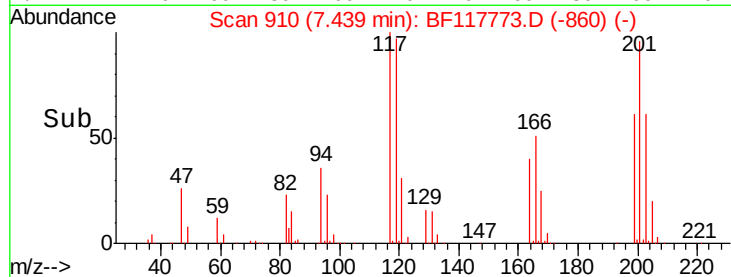
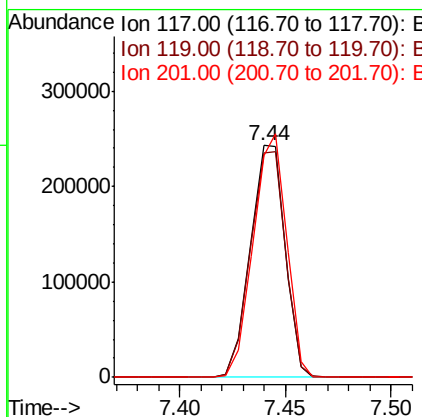
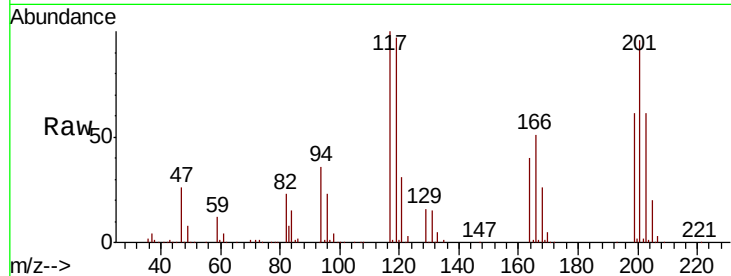




#18
 Hexachloroethane
 Concen: 38.075 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

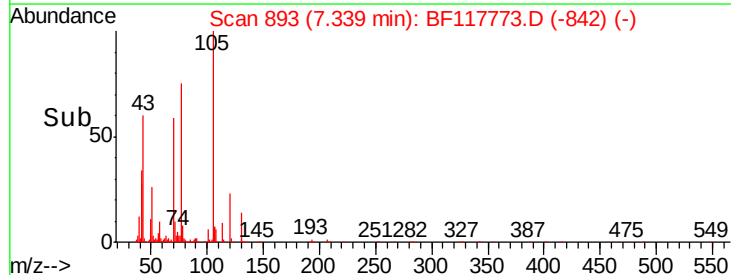
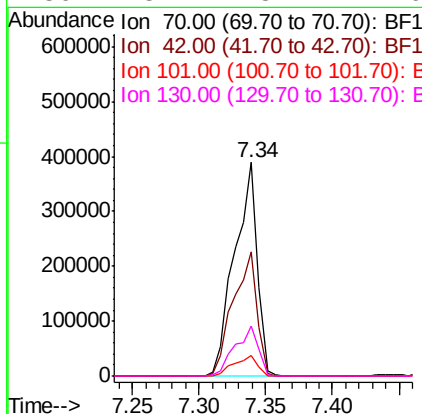
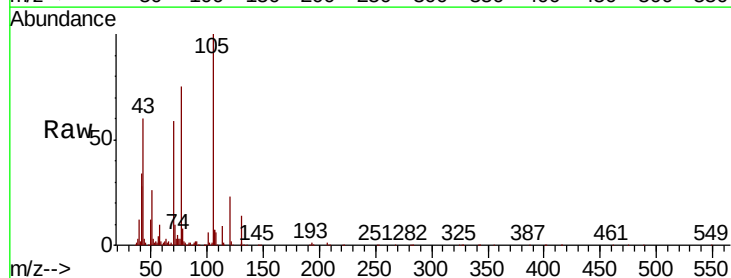
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

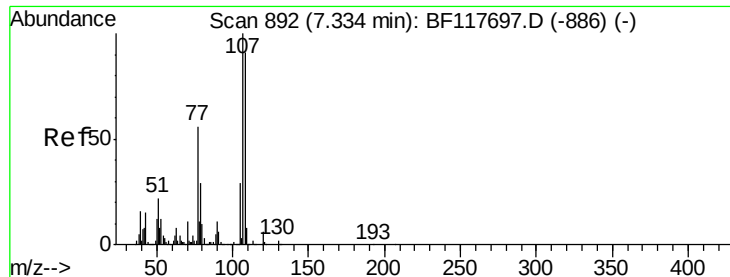
Tot Ion:117 Resp: 277838
 Ion Ratio Lower Upper
 117 100
 119 97.1 77.4 116.0
 201 95.8 78.4 117.6



#19
 n-Nitroso-di-n-propylamine
 Concen: 37.555 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion: 70 Resp: 465653
 Ion Ratio Lower Upper
 70 100
 42 58.1 48.7 73.1
 101 9.4 8.4 12.6
 130 23.2 18.4 27.6





#20

3+4-Methylphenols

Concen: 40.368 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:107 Resp: 702367

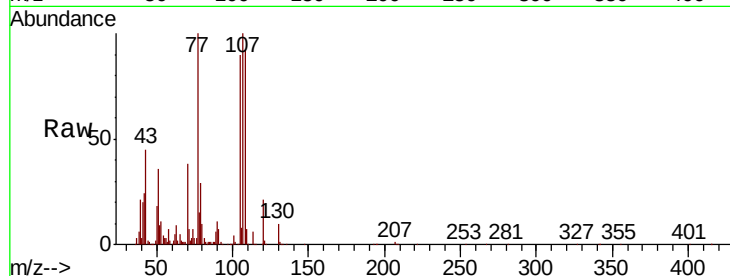
Ion Ratio Lower Upper

107 100

108 91.9 72.4 112.4

77 100.1 52.8 92.8#

79 29.5 10.6 50.6

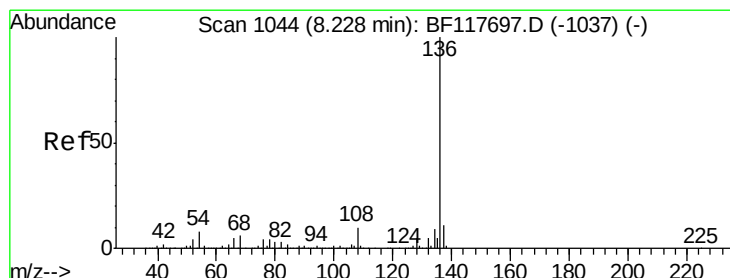
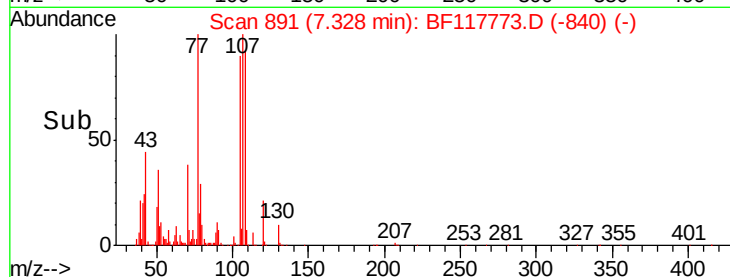
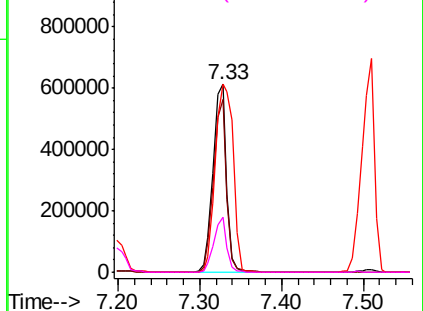


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:136 Resp: 1051577

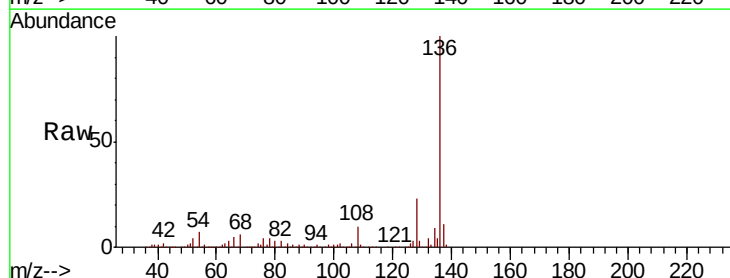
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.2 6.1 9.1

68 5.6 4.6 7.0

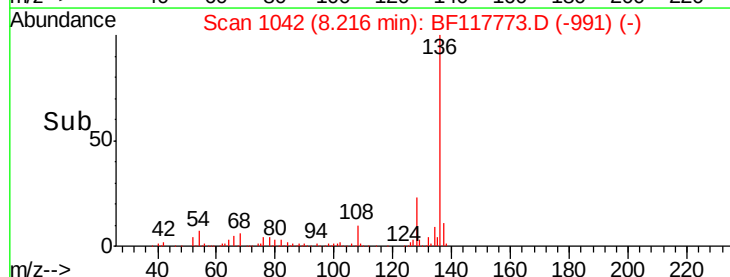
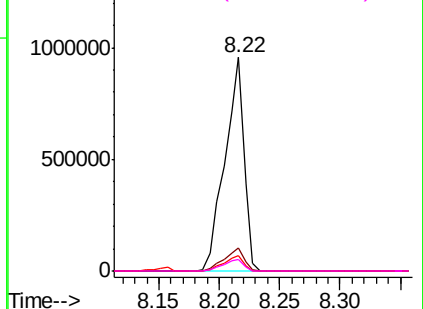


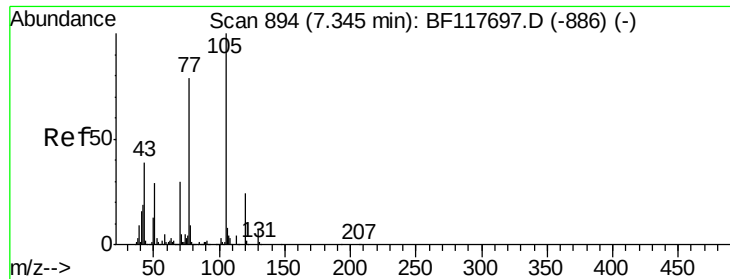
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 39.438 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:105 Resp: 947862

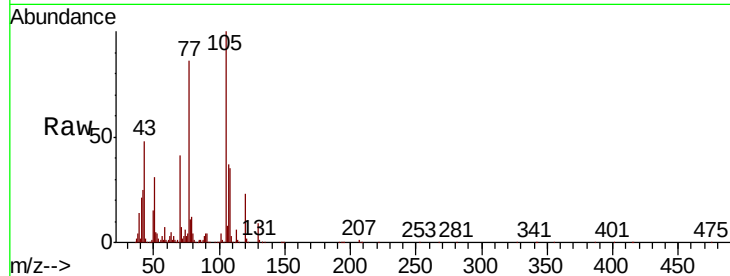
Ion Ratio Lower Upper

105 100

71 7.0 6.1 9.1

51 31.2 20.6 31.0#

120 22.7 18.8 28.2

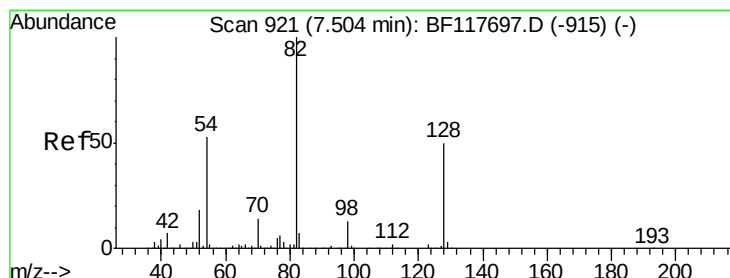
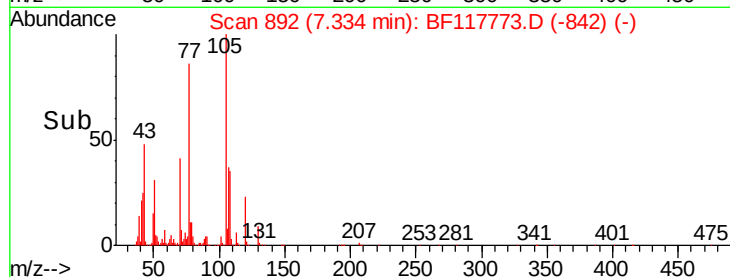
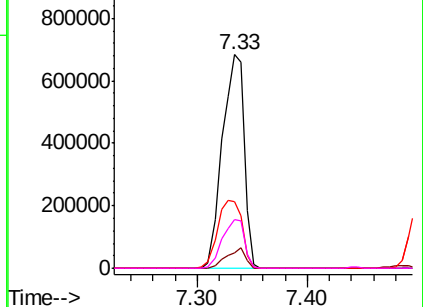


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 78.360 ng

RT: 7.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

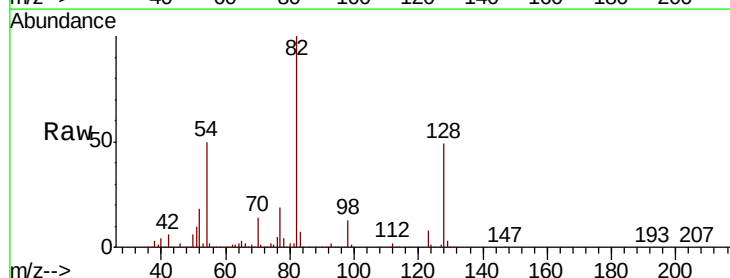
Tgt Ion: 82 Resp: 1395722

Ion Ratio Lower Upper

82 100

128 49.5 38.7 58.1

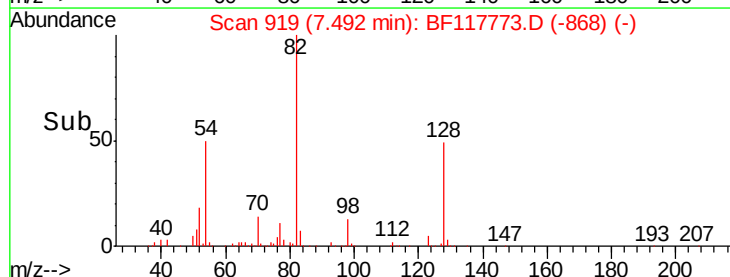
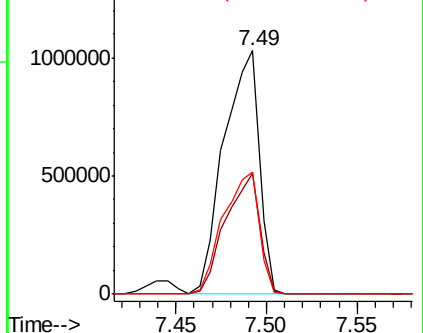
54 49.9 41.4 62.2

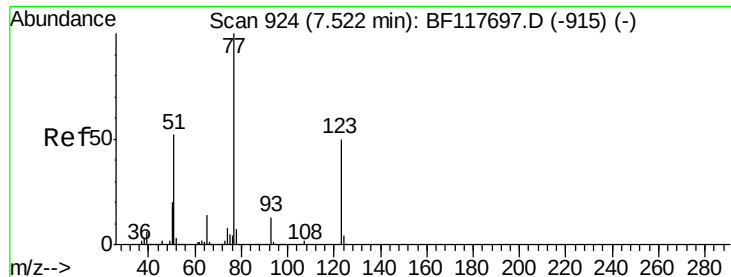


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 40.120 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

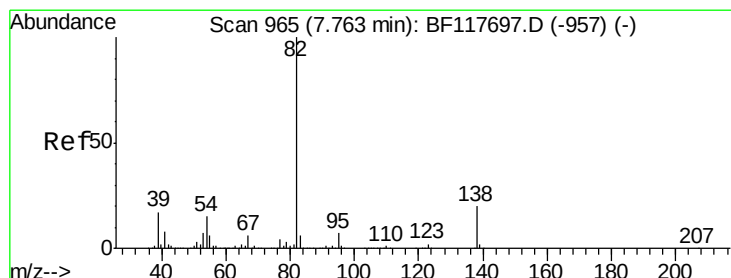
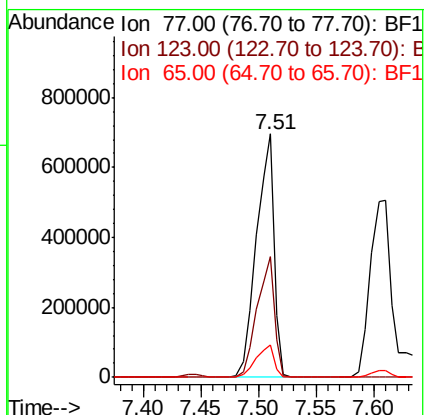
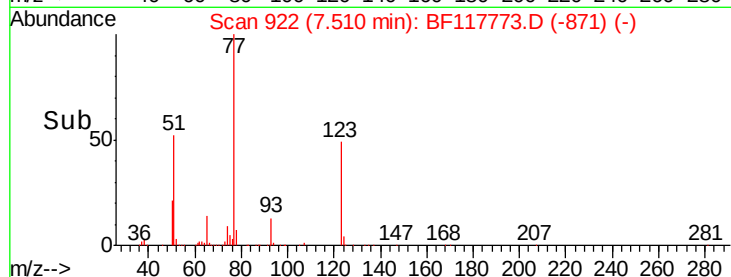
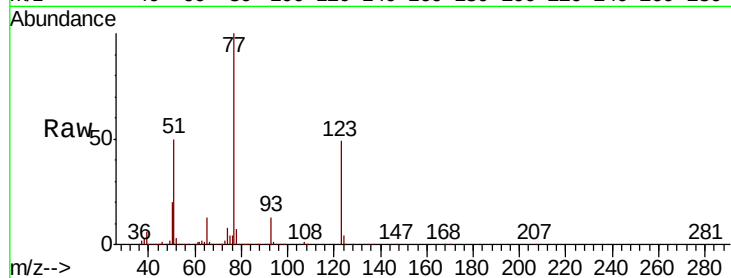
Tot Ion: 77 Resp: 746202

Ion Ratio Lower Upper

77 100

123 49.5 38.5 57.7

65 13.2 10.8 16.2



#25

Isophorone

Concen: 37.720 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

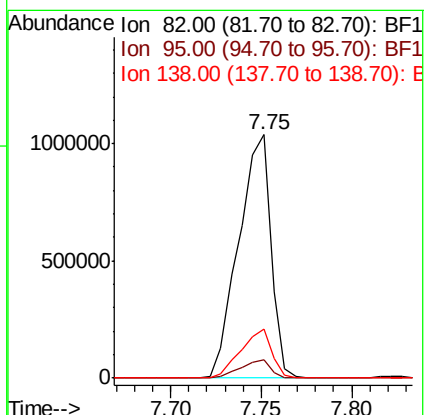
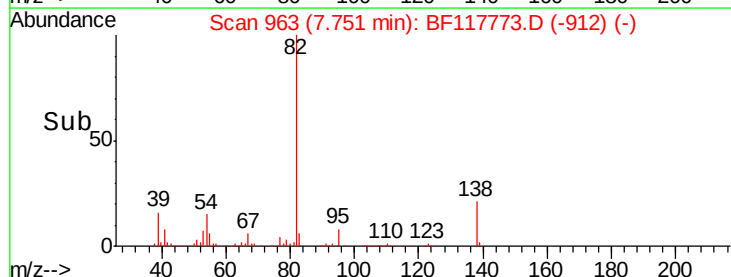
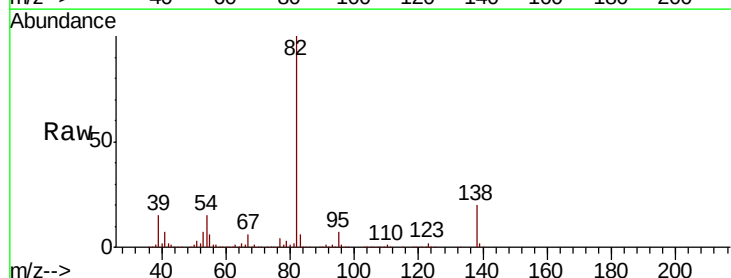
Tgt Ion: 82 Resp: 1285006

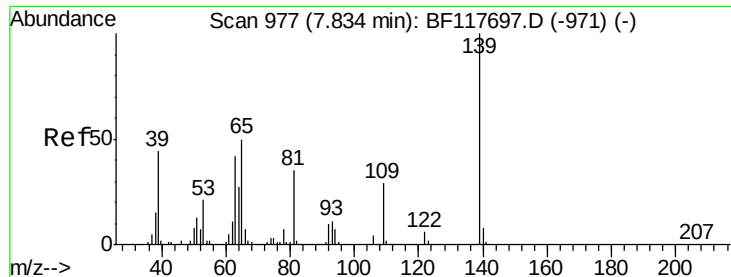
Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 20.3 16.0 24.0

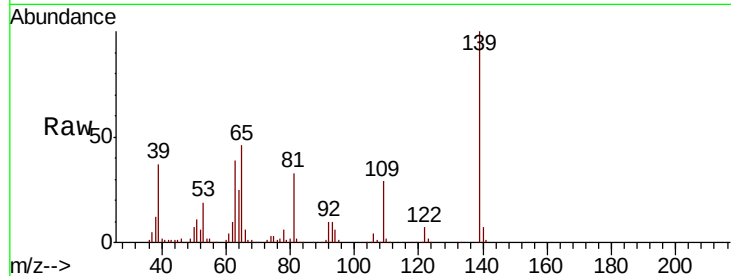




#26
2-Nitrophenol
Concen: 42.869 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	28.8	22.3	33.5
65	46.4	37.0	55.6

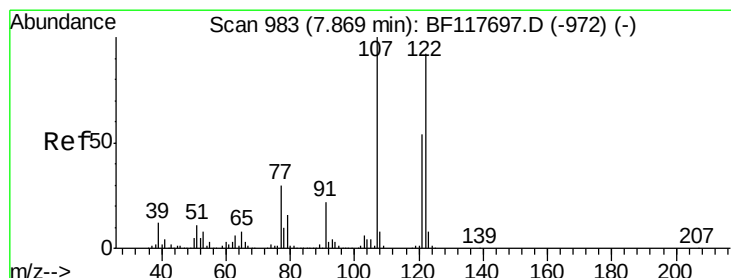
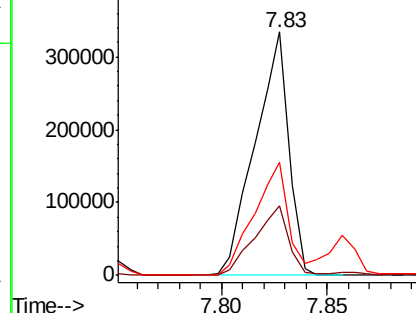
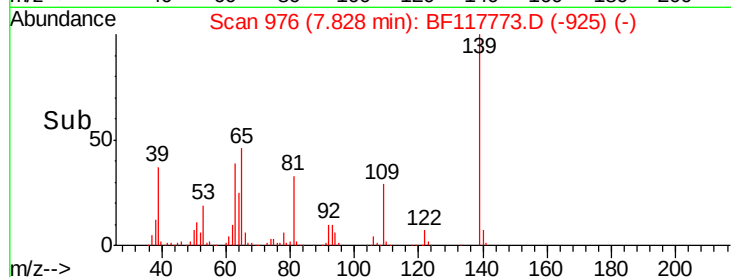


Abundance

Ion 139.00 (138.70 to 139.70): E

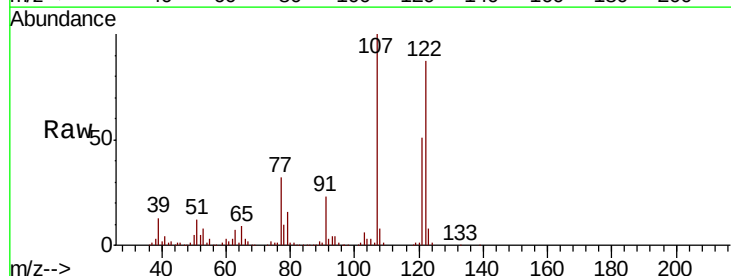
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
2,4-Dimethylphenol
Concen: 43.015 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.5	89.8	134.6
121	59.3	47.3	70.9

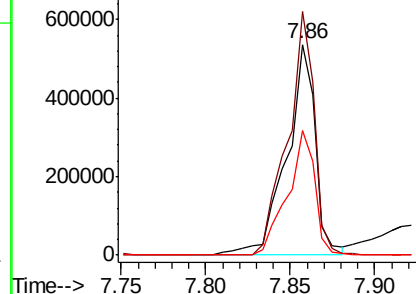
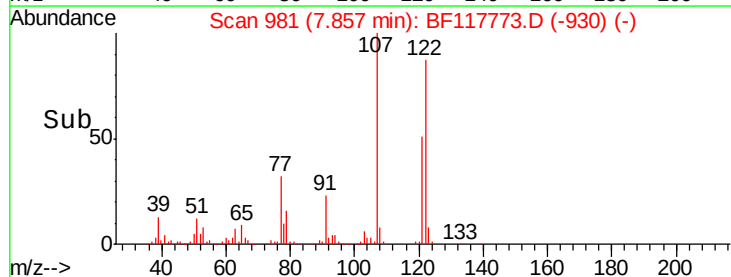


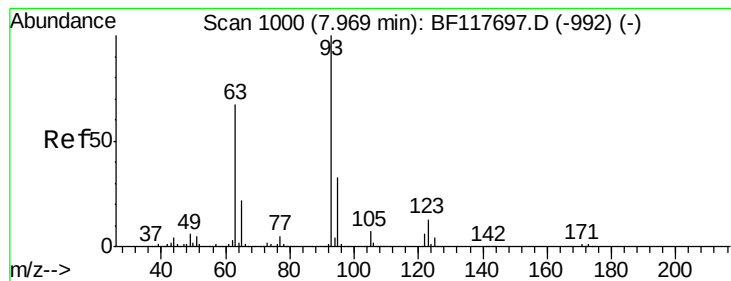
Abundance

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: 36.401 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

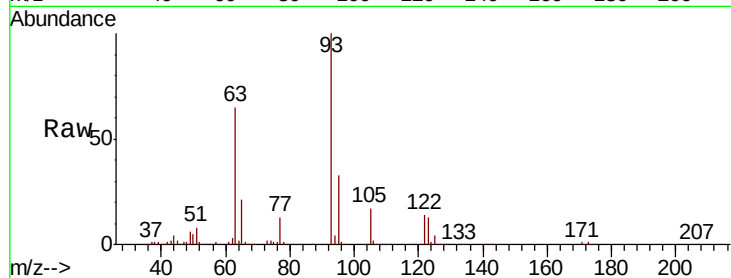
Tot Ion: 93 Resp: 796030

Ion Ratio Lower Upper

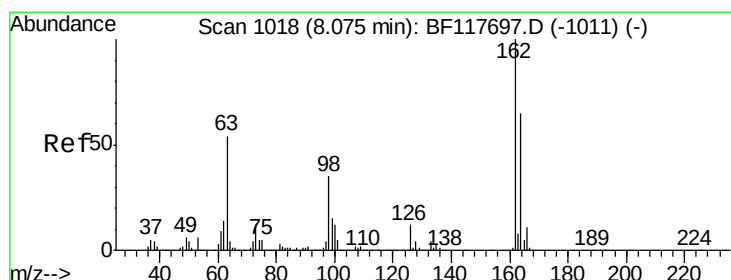
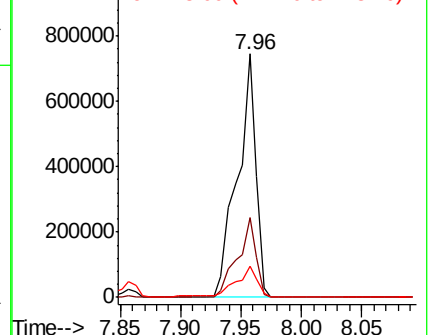
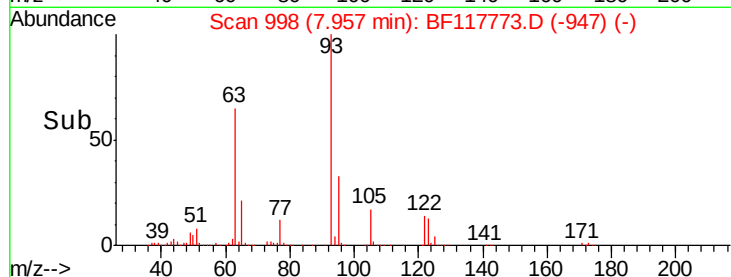
93 100

95 33.0 26.6 39.8

123 12.9 10.5 15.7



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): BF1



#29

2,4-Dichlorophenol

Concen: 38.619 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

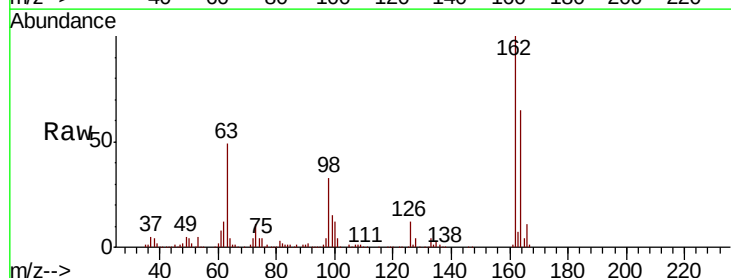
Tgt Ion: 162 Resp: 579284

Ion Ratio Lower Upper

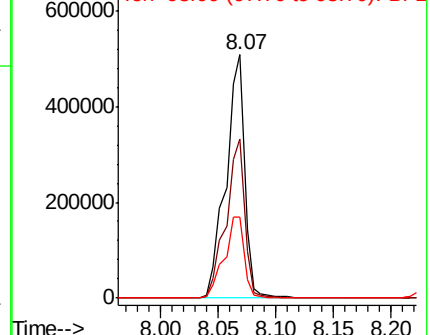
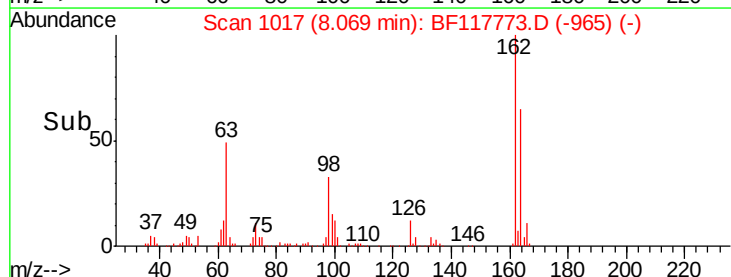
162 100

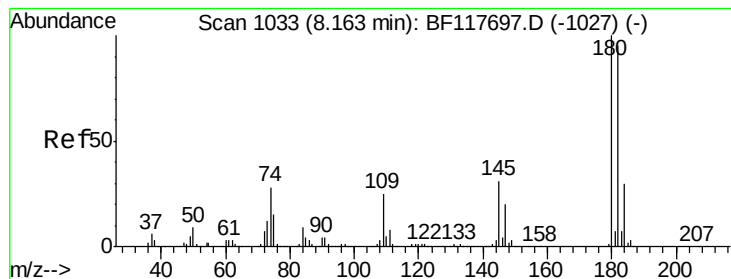
164 65.4 43.7 83.7

98 33.3 17.1 57.1



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





#30

1,2,4-Trichlorobenzene

Concen: 38.448 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

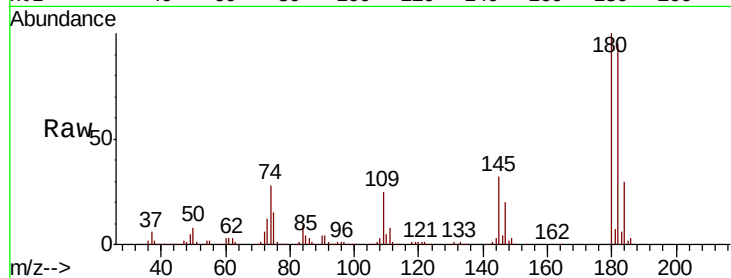
Tot Ion:180 Resp: 660213

Ion Ratio Lower Upper

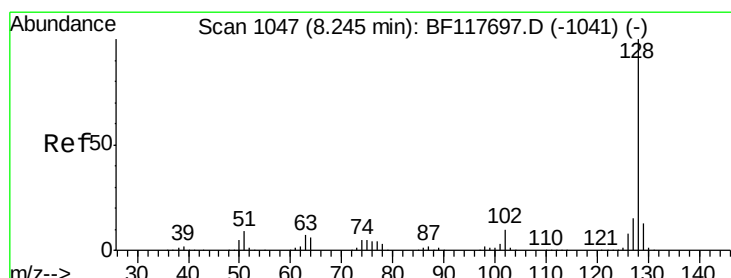
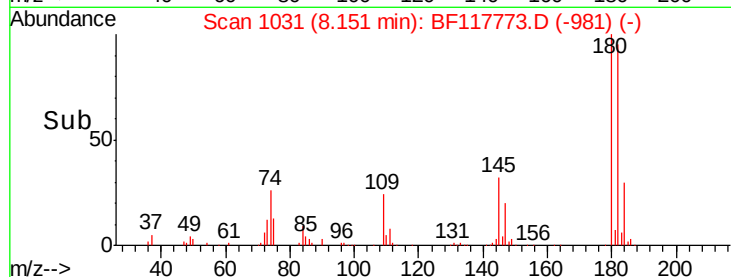
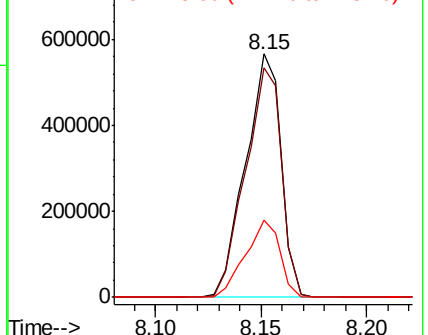
180 100

182 94.5 75.6 113.4

145 31.8 23.8 35.8



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: 42.137 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

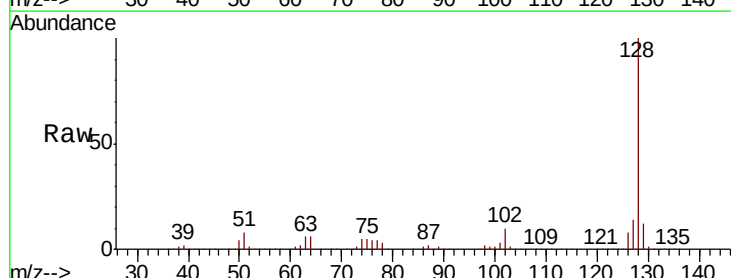
Tgt Ion:128 Resp: 2025334

Ion Ratio Lower Upper

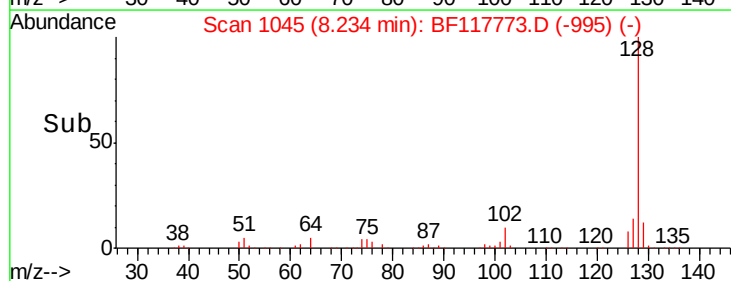
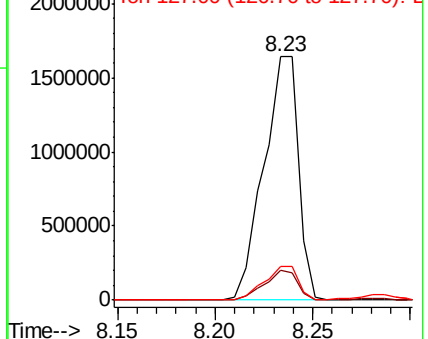
128 100

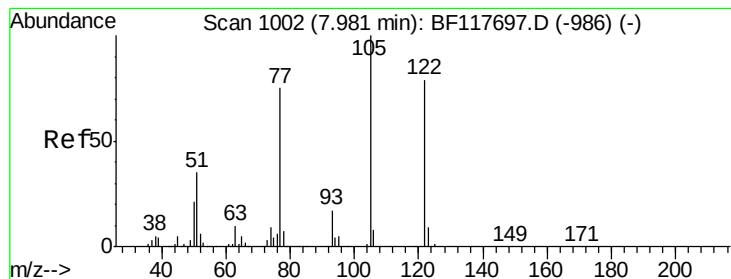
129 12.1 9.6 14.4

127 13.7 11.4 17.2



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: 20.844 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

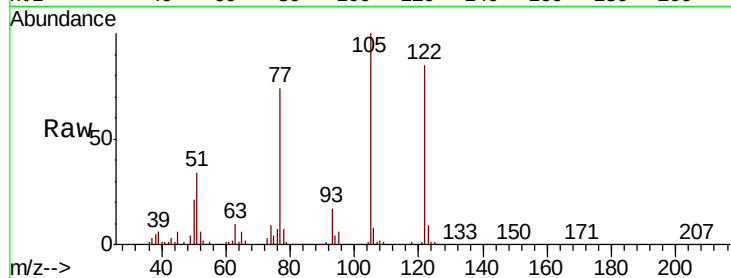
Tot Ion:122 Resp: 240230

Ion Ratio Lower Upper

122 100

105 118.2 99.4 139.4

77 87.1 69.4 109.4

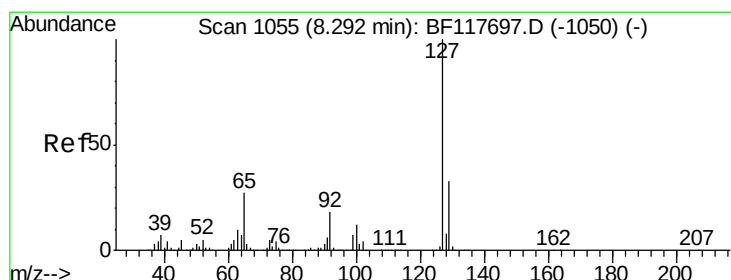
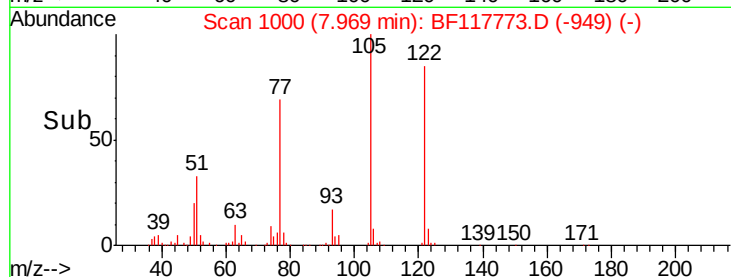
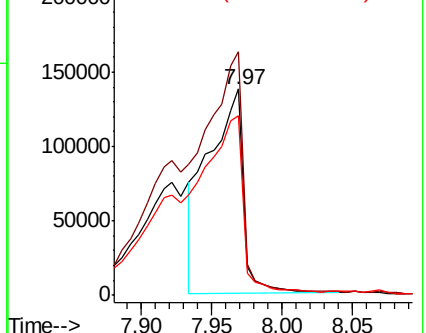


Abundance

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: 2.630 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:127 Resp: 58744

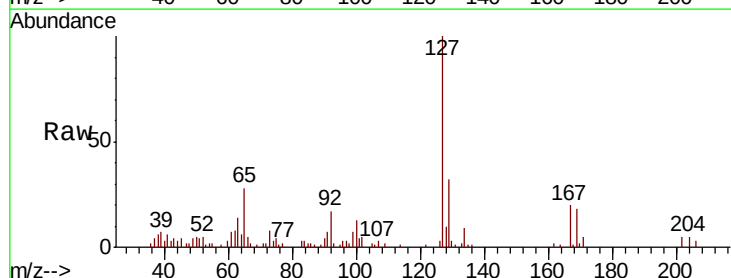
Ion Ratio Lower Upper

127 100

129 31.6 26.6 39.8

65 28.1 23.0 34.6

92 17.4 14.9 22.3



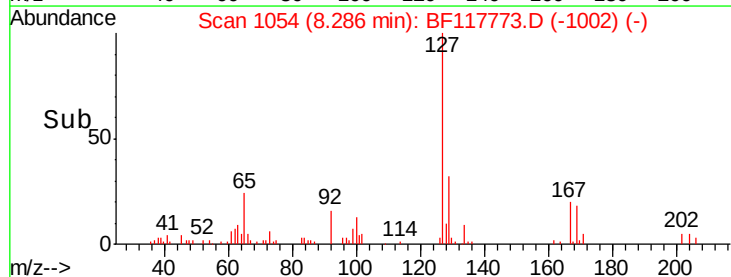
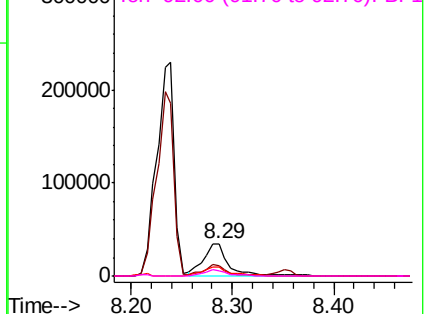
Abundance

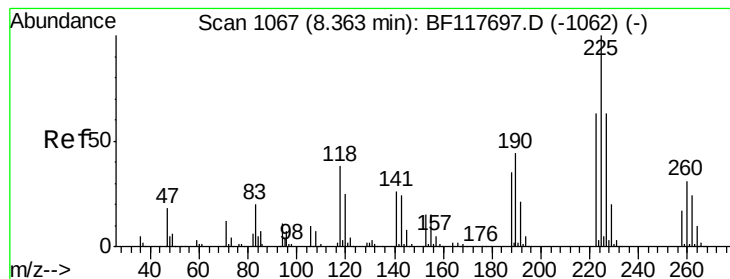
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 38.159 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

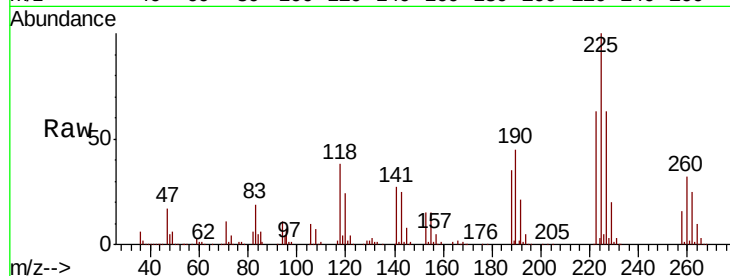
Tot Ion:225 Resp: 375239

Ion Ratio Lower Upper

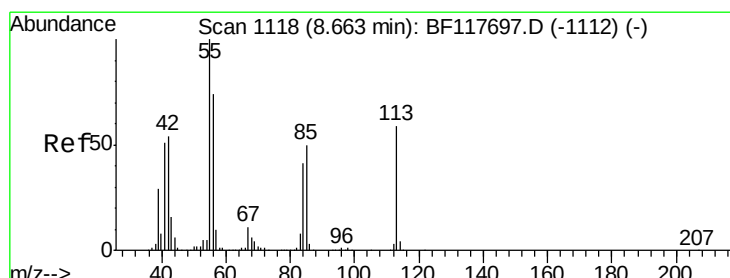
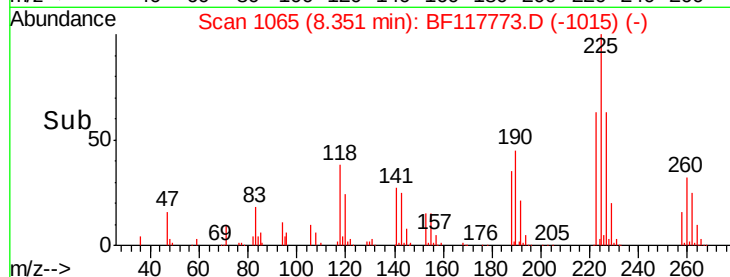
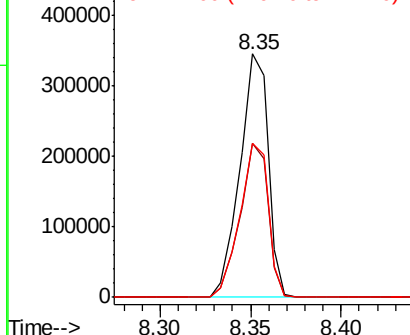
225 100

223 63.5 49.4 74.0

227 63.5 50.3 75.5



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



#35

Caprolactam

Concen: 16.918 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

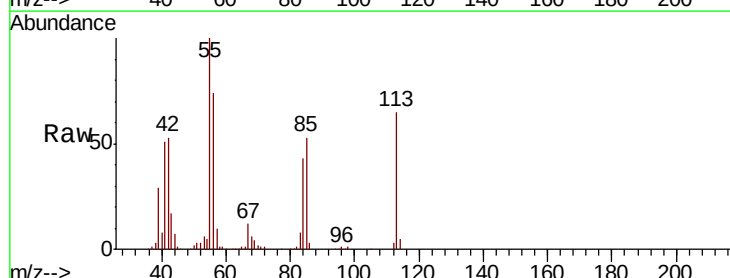
Tgt Ion:113 Resp: 84111

Ion Ratio Lower Upper

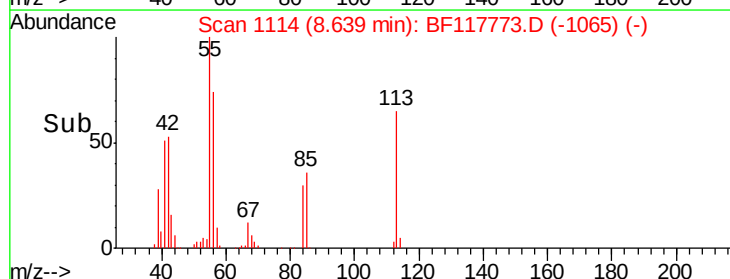
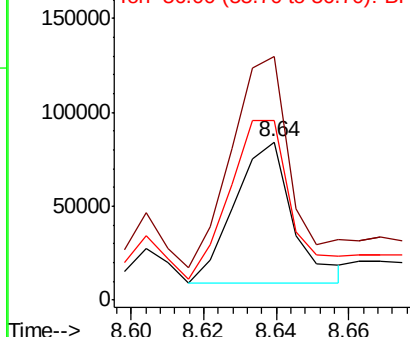
113 100

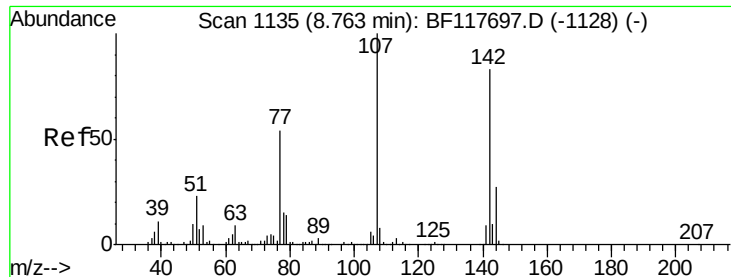
55 153.8 143.2 183.2

56 113.4 101.2 141.2



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

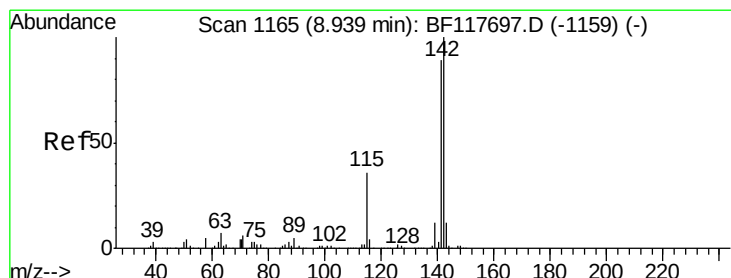
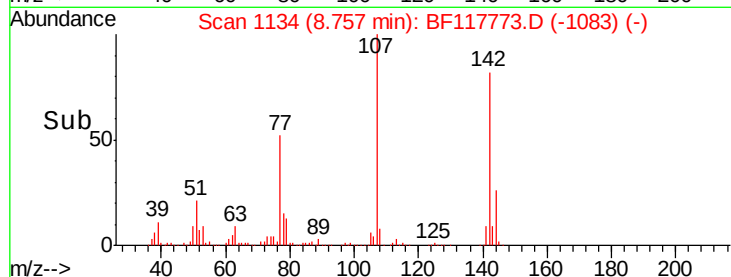
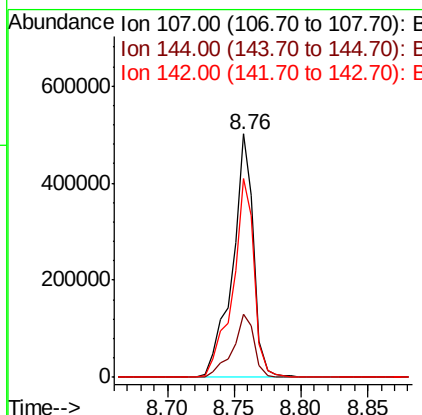
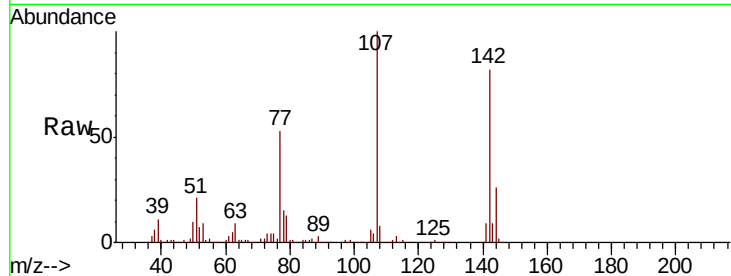




#36
 4-Chloro-3-methylphenol
 Concen: 36.868 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

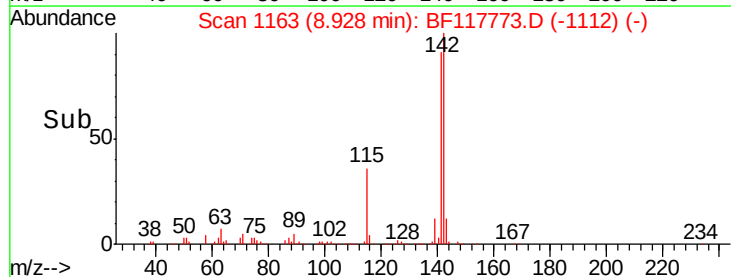
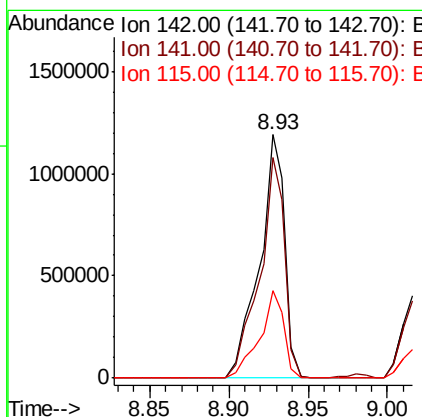
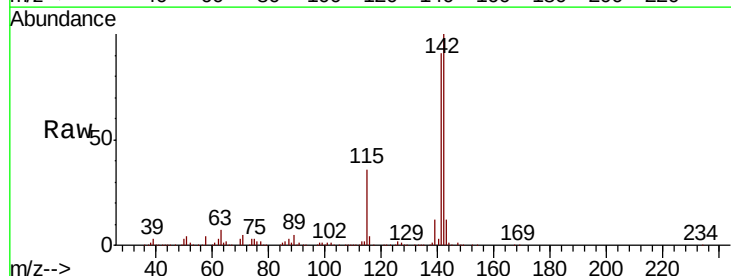
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

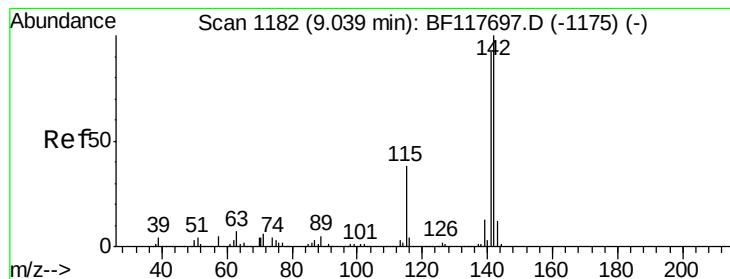
Tot Ion:107 Resp: 558038
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.7 32.5
 142 81.9 65.9 98.9



#37
 2-Methylnaphthalene
 Concen: 40.609 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:142 Resp: 1328810
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.2 105.4
 115 35.8 28.8 43.2





#38

1-Methylnaphthalene

Concen: 40.126 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

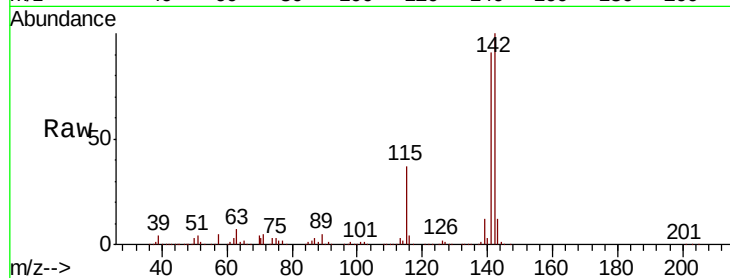
Tot Ion:142 Resp: 1246872

Ion Ratio Lower Upper

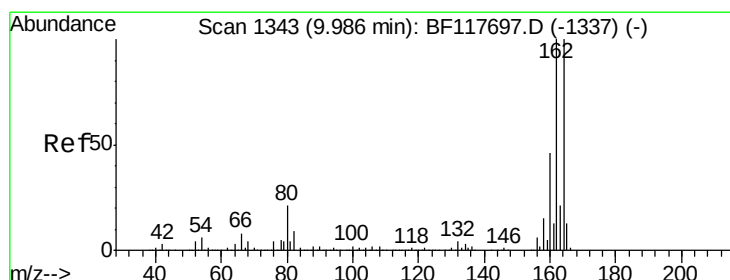
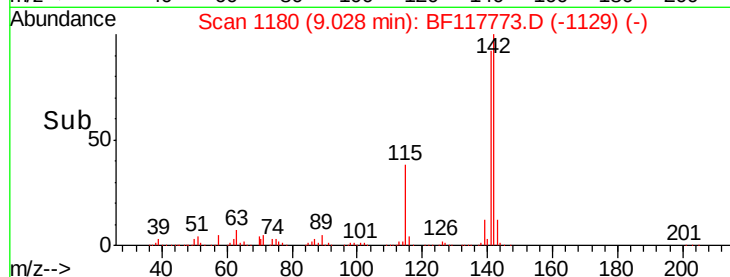
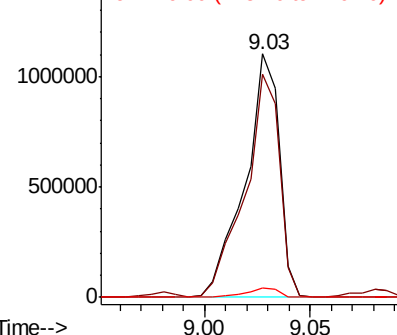
142 100

141 91.5 73.5 110.3

116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
1500000
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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

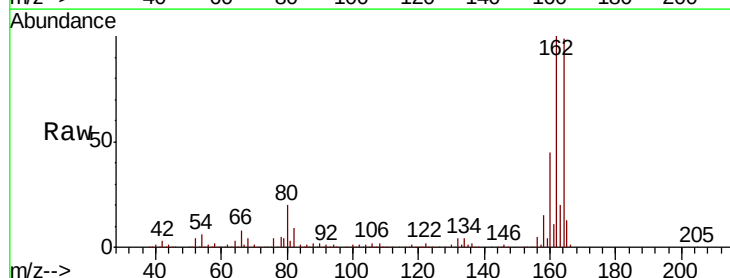
Tgt Ion:164 Resp: 488092

Ion Ratio Lower Upper

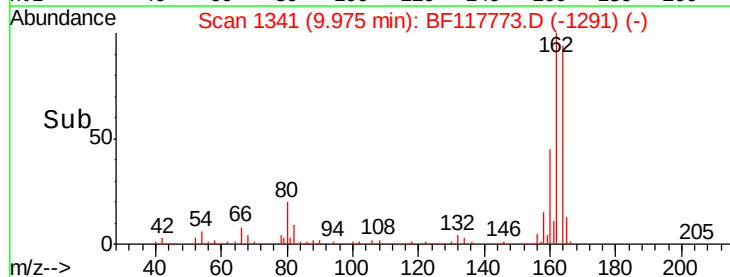
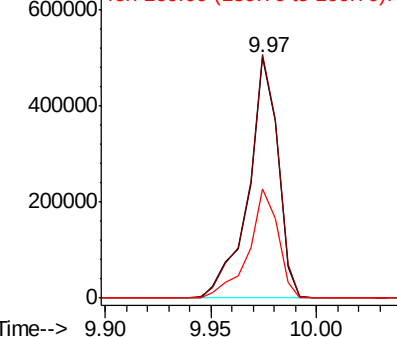
164 100

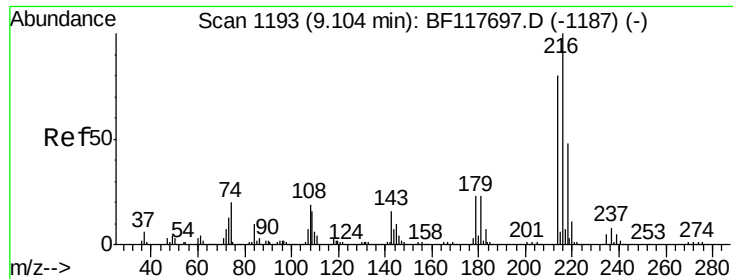
162 101.0 81.2 121.8

160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
600000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

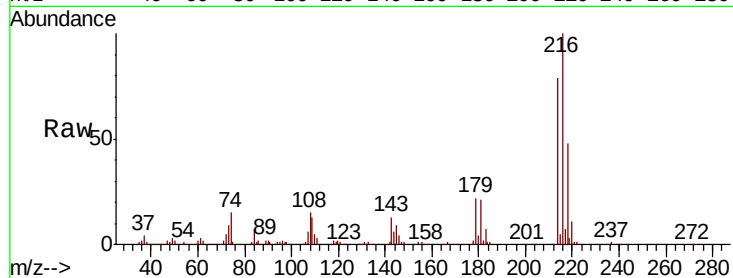




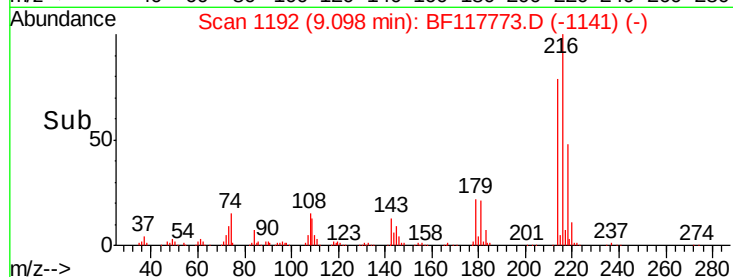
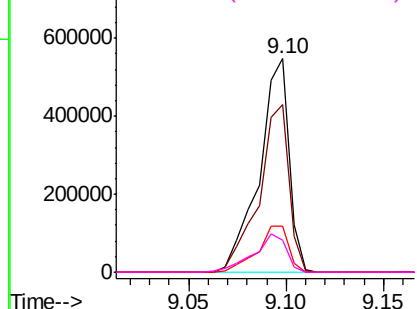
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.555 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion:	216	Resp:	581585
Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.0	96.0
179	22.5	18.1	27.1
108	19.7	15.7	23.5

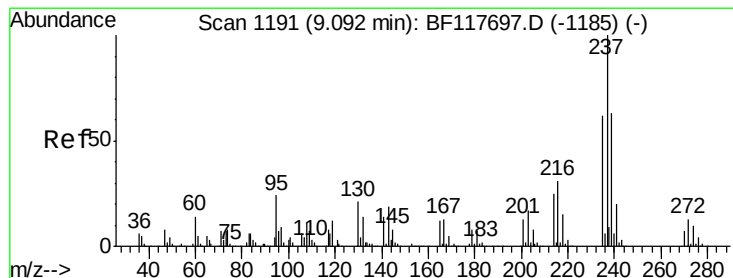


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

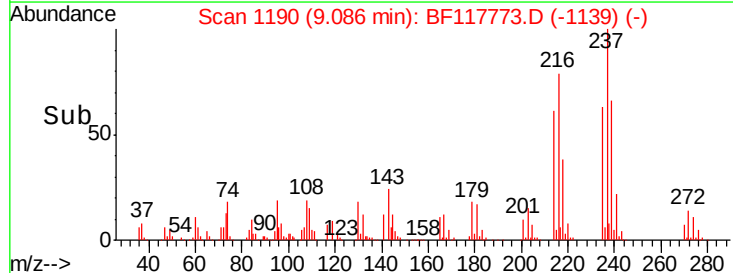
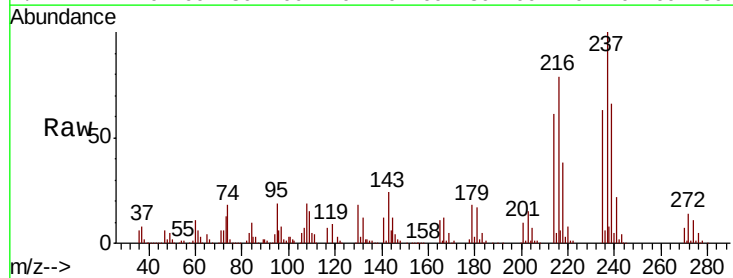
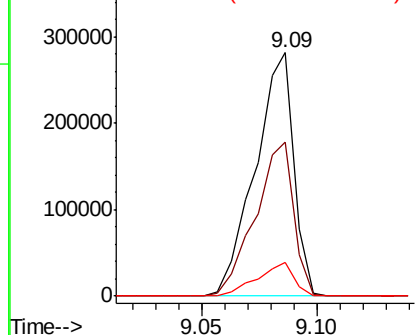


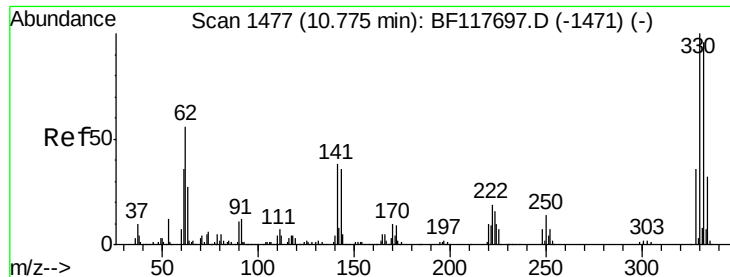
#41
 Hexachlorocyclopentadiene
 Concen: 45.443 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:	237	Resp:	327361
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.2	82.2
272	13.8	0.0	33.4



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

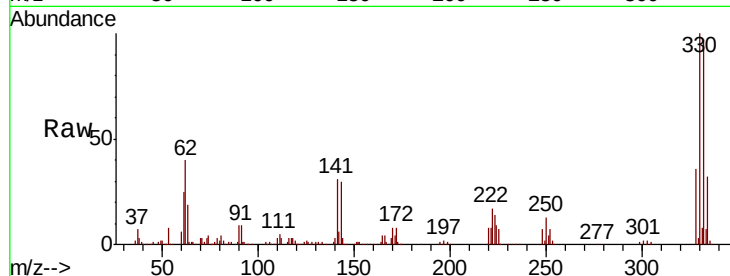




#42
 2,4,6-Tribromophenol
 Concen: 107.961 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	34.3	26.5	39.7

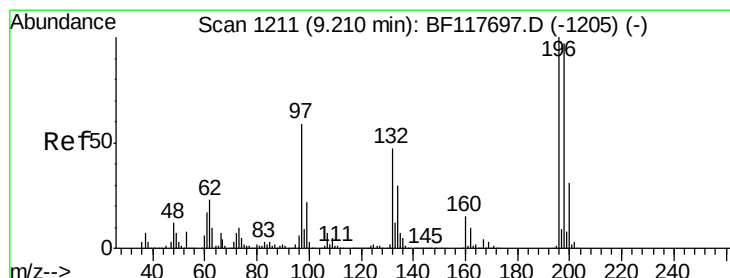
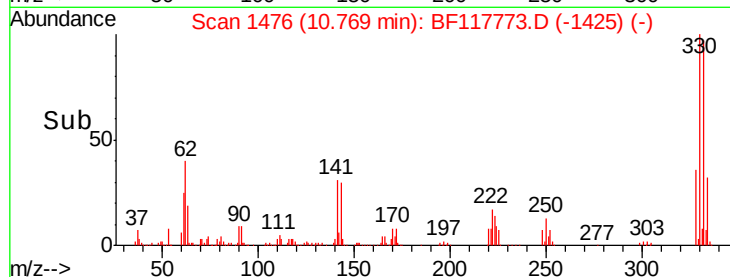
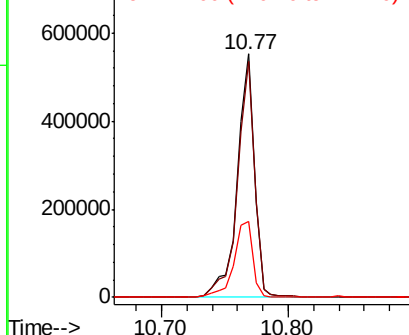


Abundance

Ion 329.80 (329.50 to 330.50): E

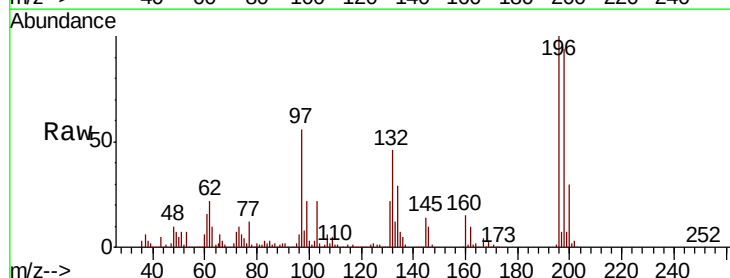
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 42.934 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.3	112.9
200	30.0	23.9	35.9

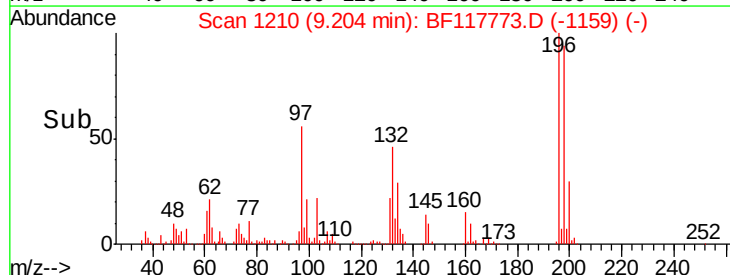
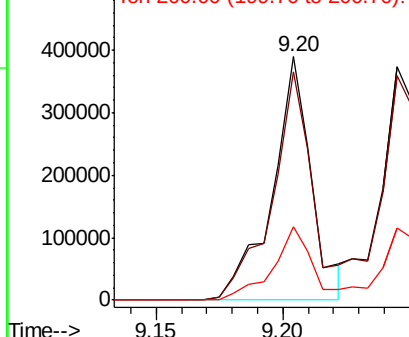


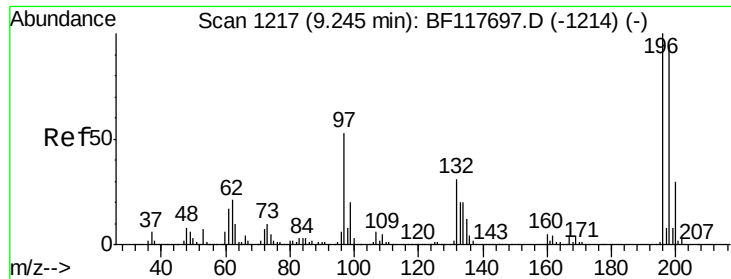
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

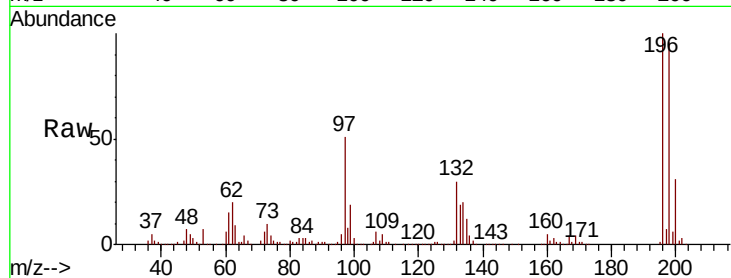




#44
2,4,5-Trichlorophenol
Concen: 39.139 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.1	76.4	114.6	
97	51.0	41.8	62.8	
132	30.2	24.3	36.5	



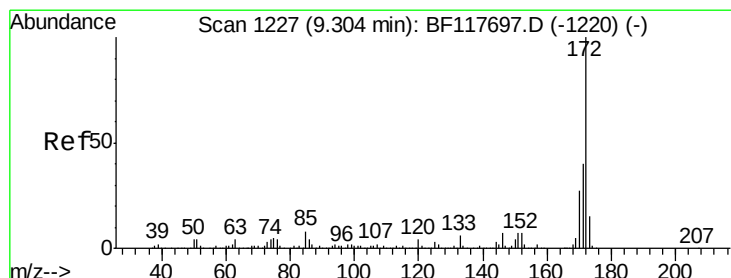
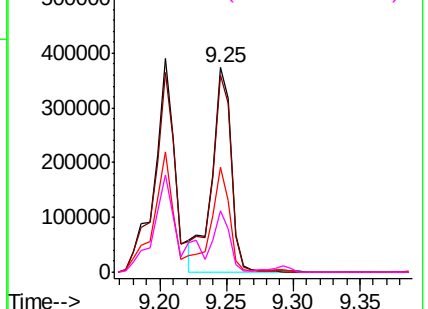
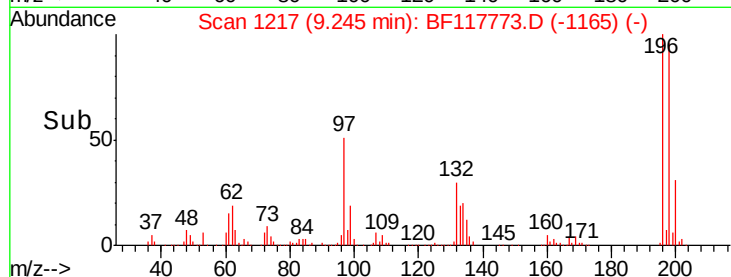
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

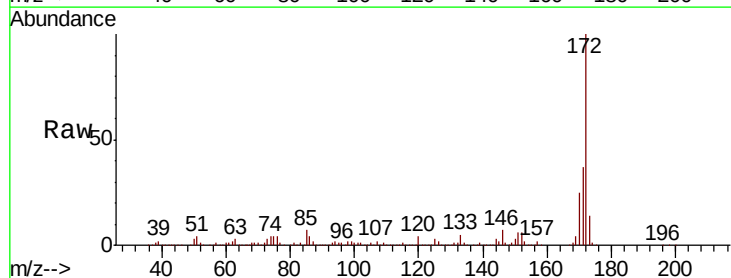
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 99.447 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.3	30.7	46.1	
170	25.2	20.6	30.8	

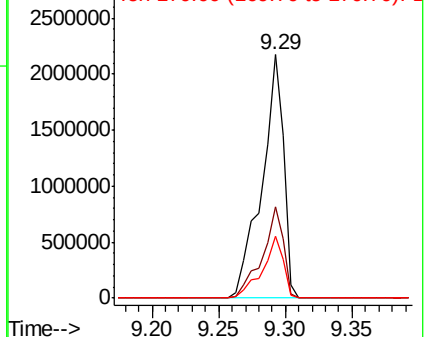
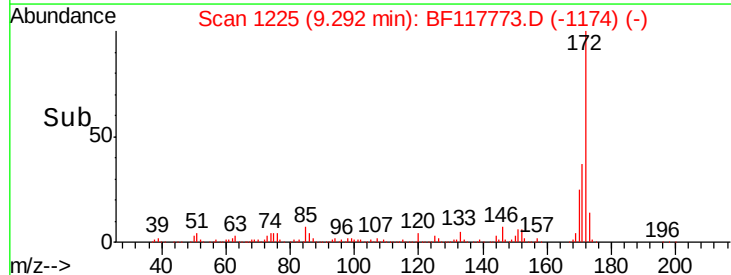


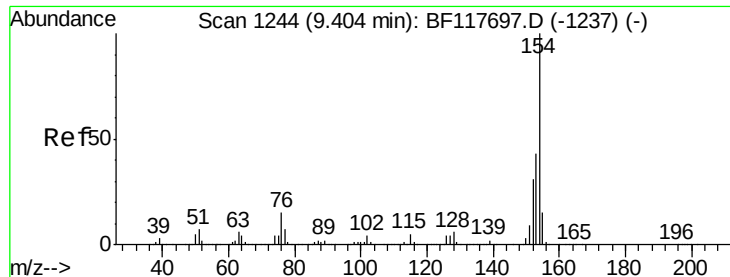
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

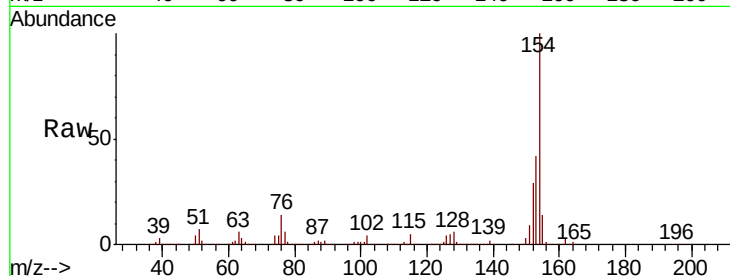




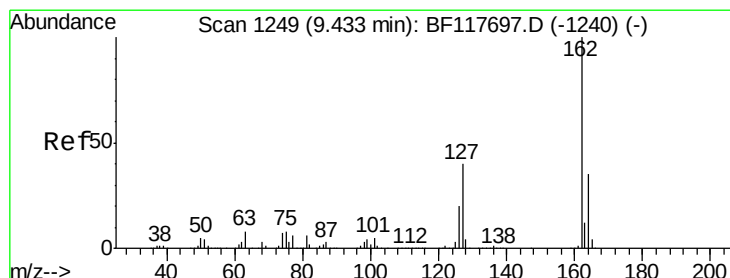
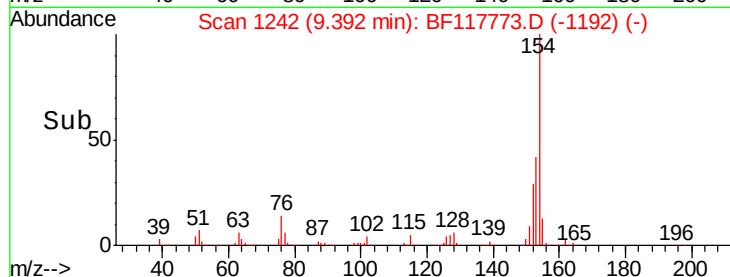
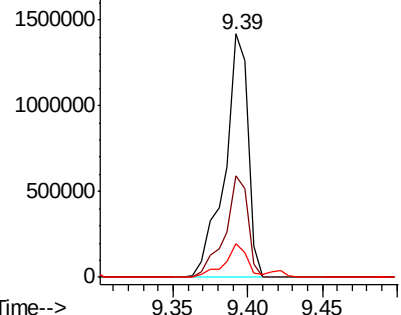
#46
 1,1'-Biphenyl
 Concen: 44.831 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

Tot Ion:154 Resp: 1532512
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.6 61.6
 76 13.7 0.0 32.0

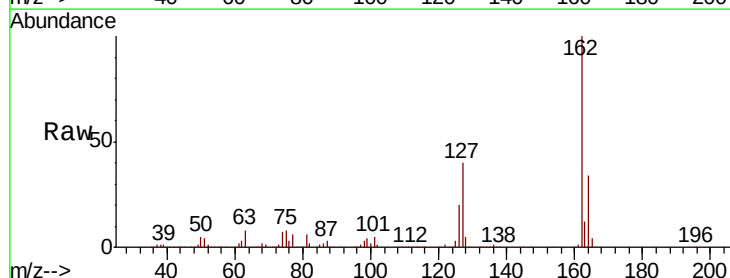


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

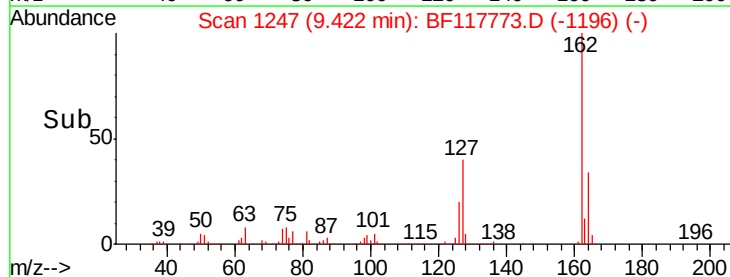
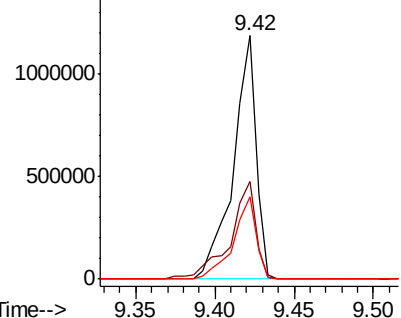


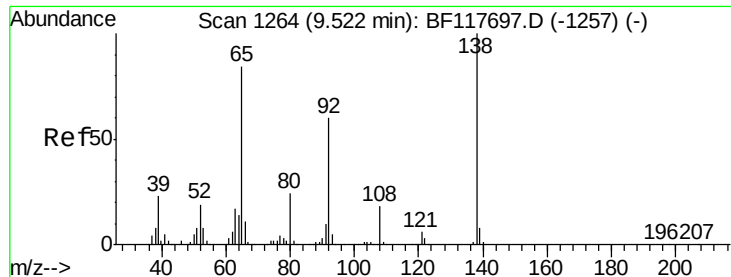
#47
 2-Chloronaphthalene
 Concen: 41.556 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:162 Resp: 1178866
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.0 49.6
 164 33.6 27.4 41.0



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

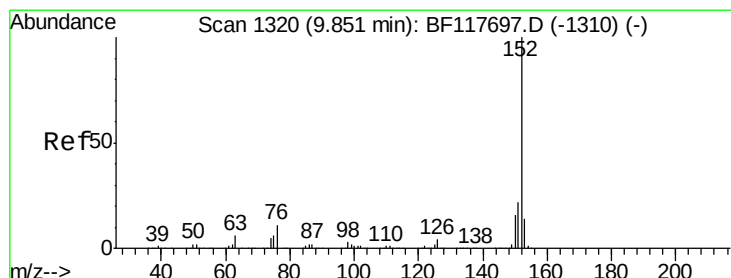
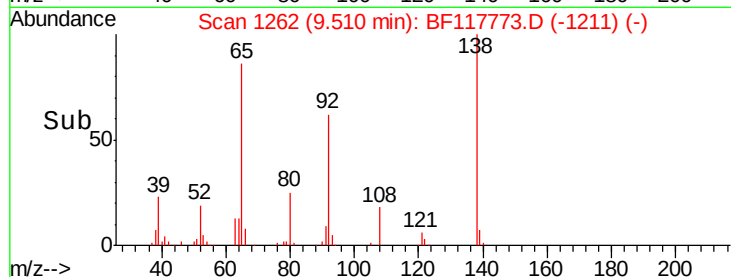
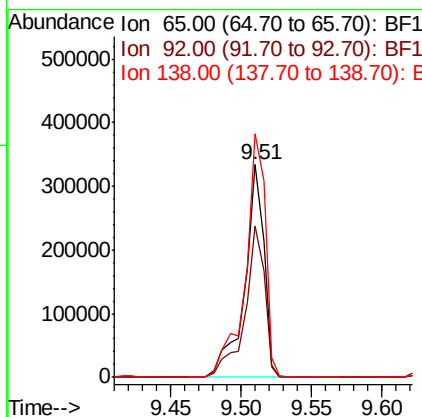
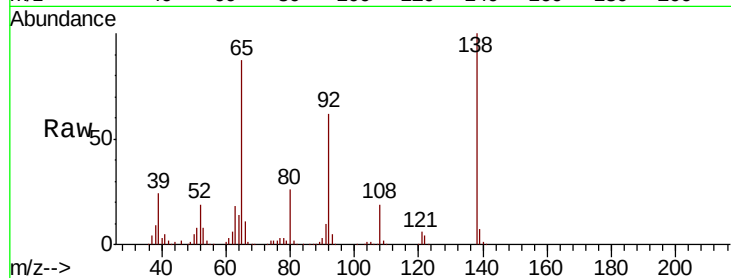




#48
 2-Nitroaniline
 Concen: 36.136 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

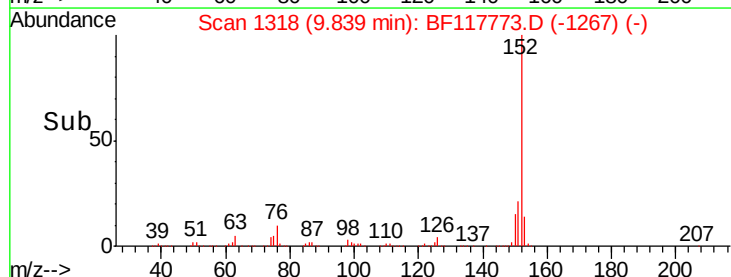
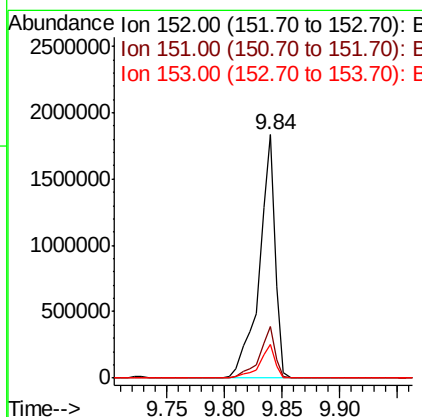
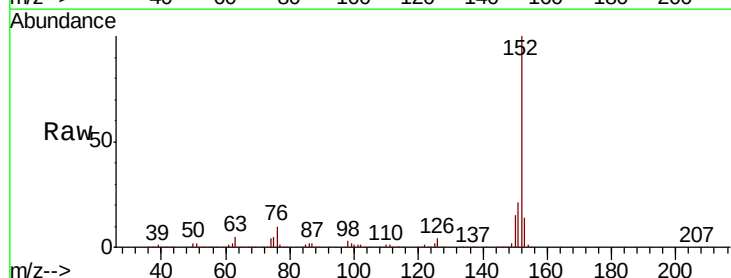
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

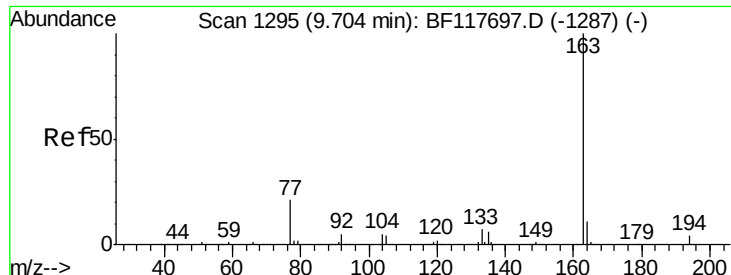
Tot Ion: 65 Resp: 321244
 Ion Ratio Lower Upper
 65 100
 92 71.2 57.9 86.9
 138 114.6 90.7 136.1



#49
 Acenaphthylene
 Concen: 42.887 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion: 152 Resp: 1771766
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.5 26.3
 153 14.0 11.7 17.5

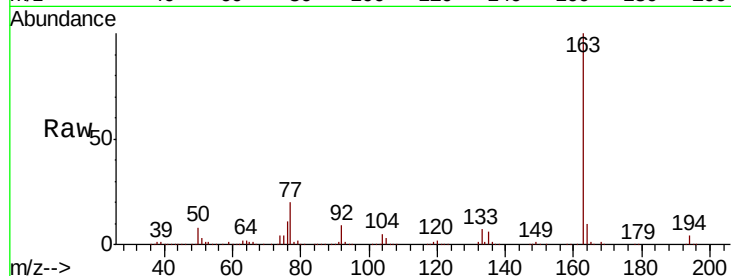




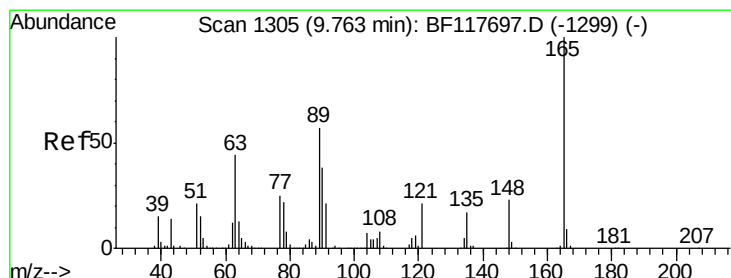
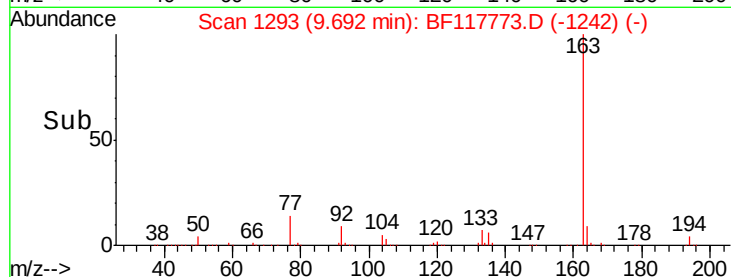
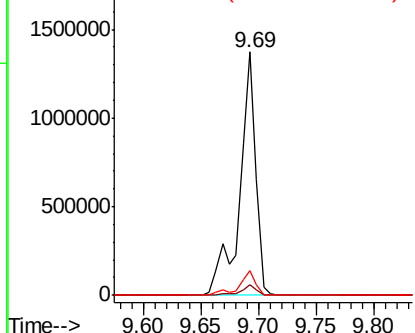
#50
Dimethylphthalate
Concen: 40.540 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion:163 Resp: 1337678
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.6 13.0

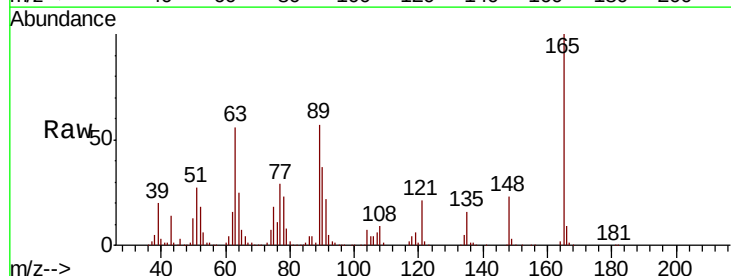


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

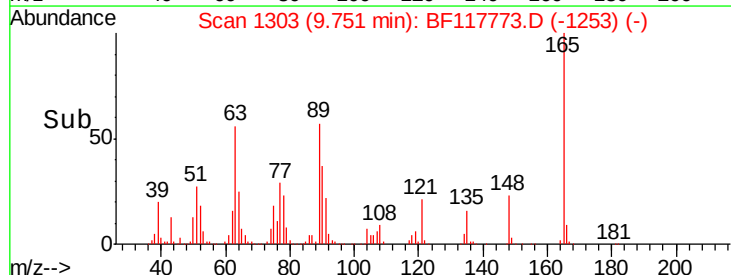
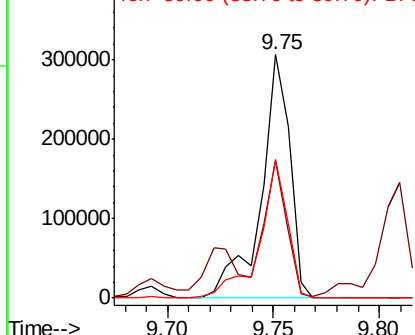


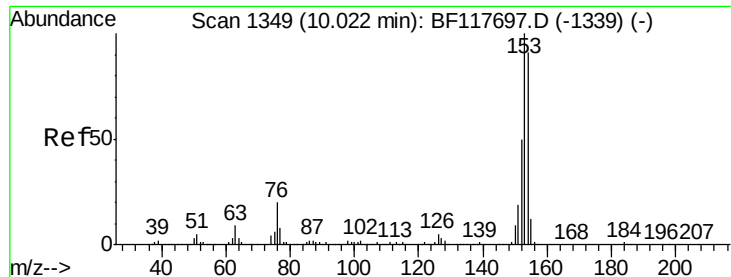
#51
2,6-Dinitrotoluene
Concen: 39.583 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:165 Resp: 292471
Ion Ratio Lower Upper
165 100
63 56.5 36.6 55.0#
89 57.2 39.2 58.8



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: 41.665 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

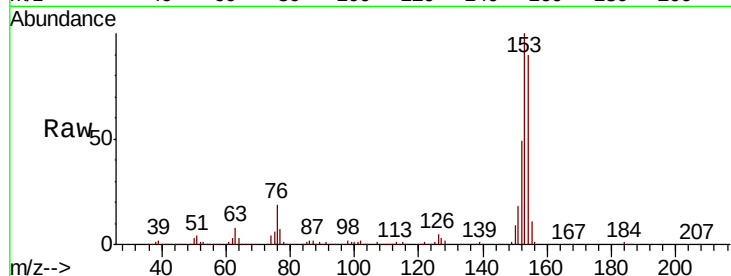
Tot Ion:154 Resp: 1110722

Ion Ratio Lower Upper

154 100

153 110.7 89.0 133.6

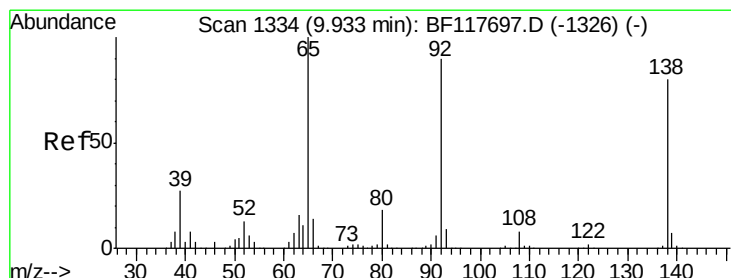
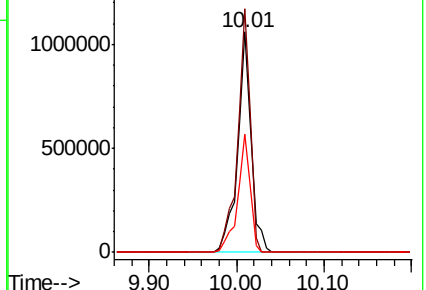
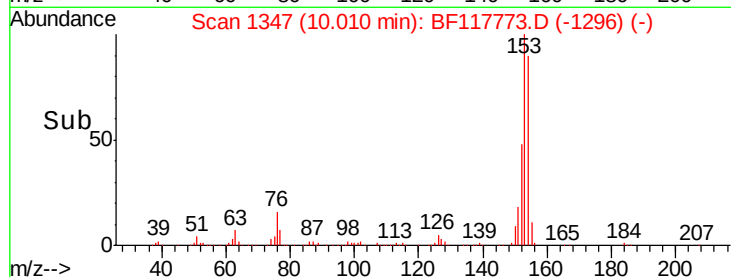
152 53.8 43.8 65.8



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: 9.096 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

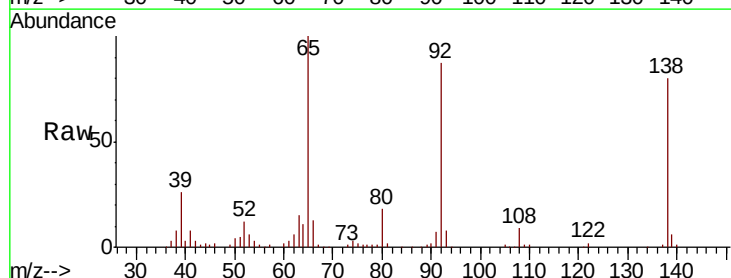
Tgt Ion:138 Resp: 81083

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.2

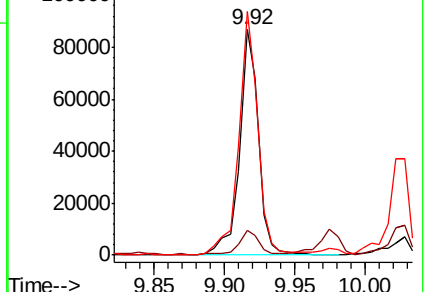
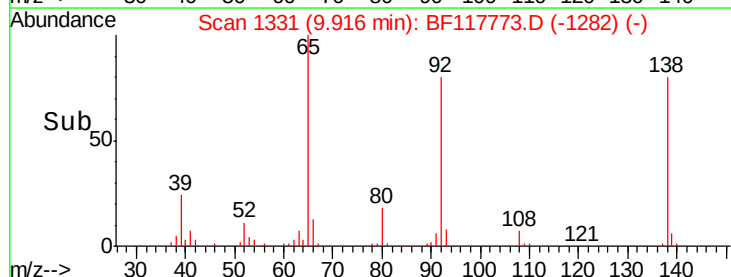
92 107.9 81.5 122.3

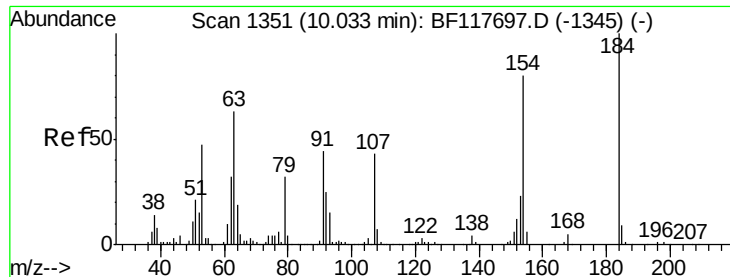


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

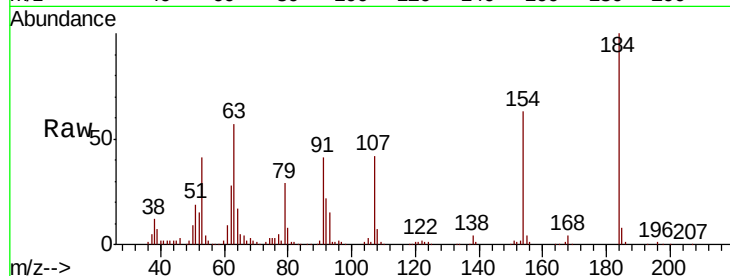




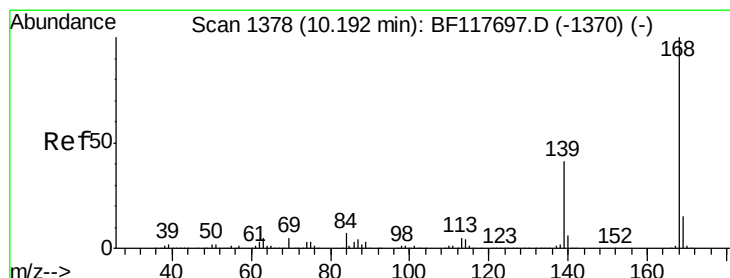
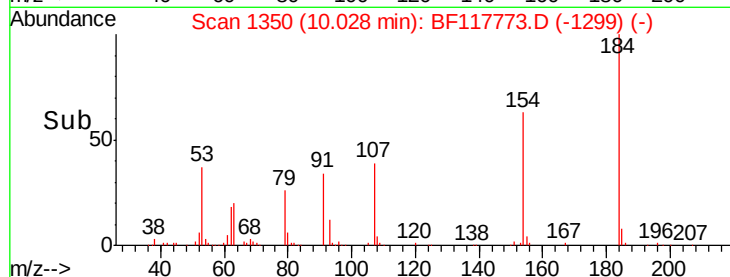
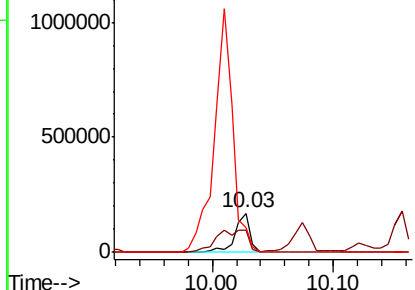
#54
2,4-Dinitrophenol
Concen: 58.342 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion:184 Resp: 147786
Ion Ratio Lower Upper
184 100
63 56.9 45.8 68.8
154 62.9 48.4 72.6

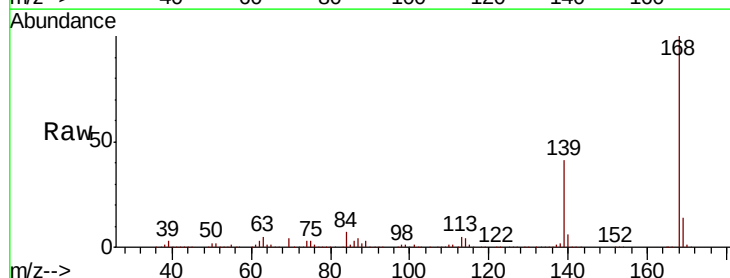


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

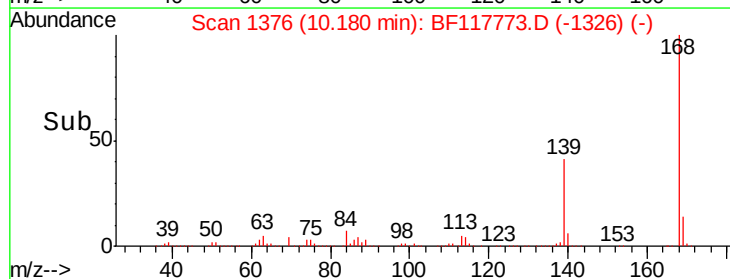
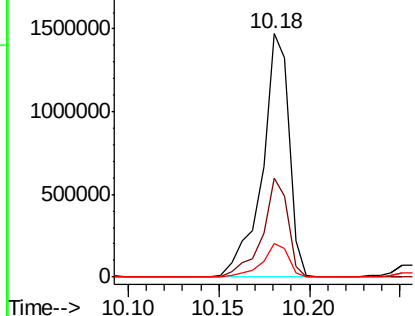


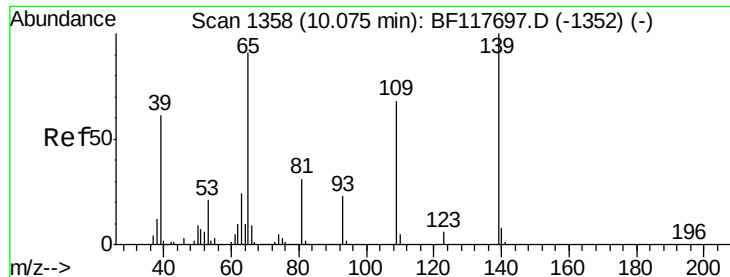
#55
Dibenzofuran
Concen: 40.591 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:168 Resp: 1514145
Ion Ratio Lower Upper
168 100
139 40.6 31.4 47.2
169 14.1 11.1 16.7



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

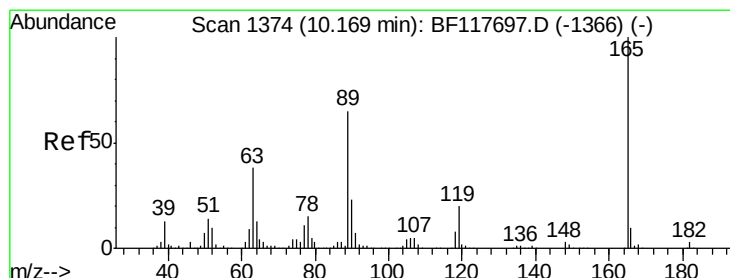
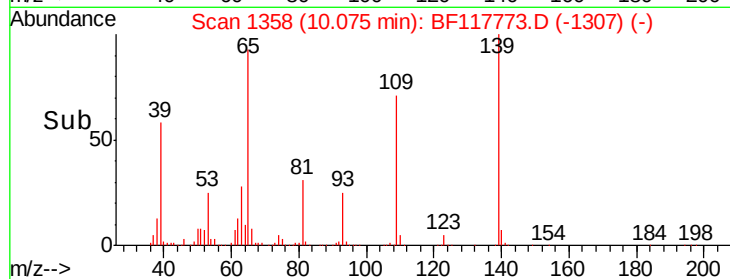
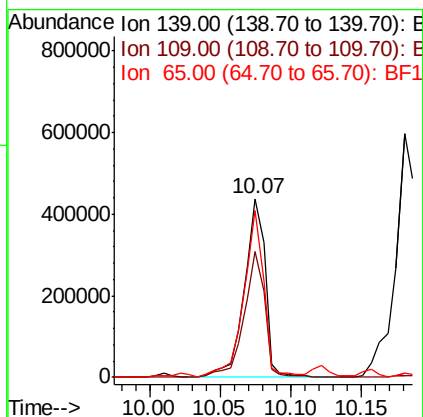
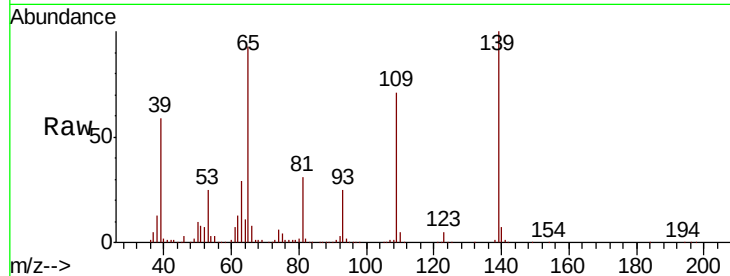




#56
4-Nitrophenol
Concen: 67.570 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

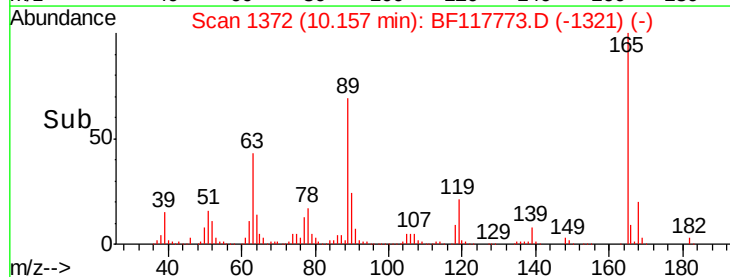
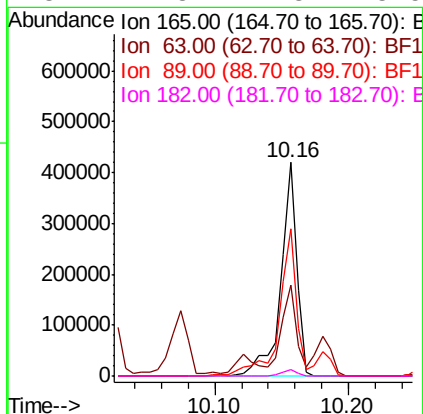
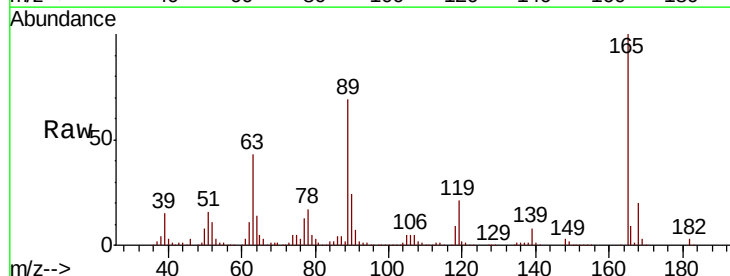
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

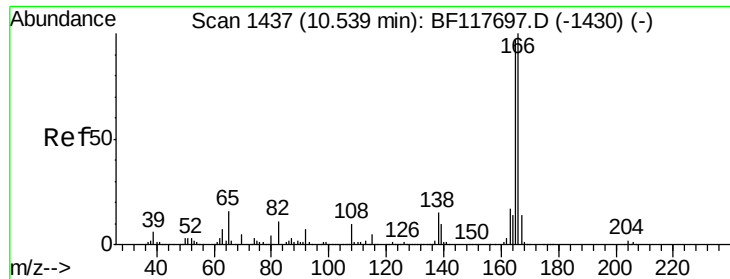
Tot Ion:139 Resp: 452981
Ion Ratio Lower Upper
139 100
109 70.7 45.1 85.1
65 93.3 61.7 101.7



#57
2,4-Dinitrotoluene
Concen: 37.821 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:165 Resp: 358478
Ion Ratio Lower Upper
165 100
63 42.6 34.4 51.6
89 68.7 57.8 86.8
182 2.8 2.3 3.5

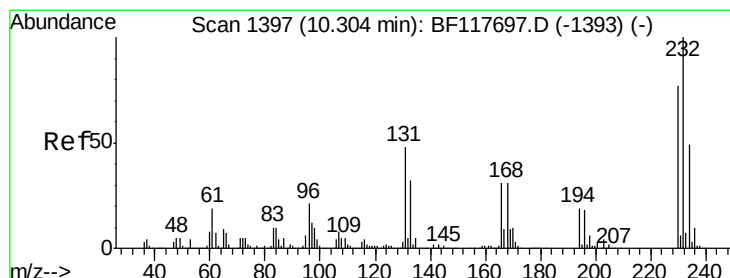
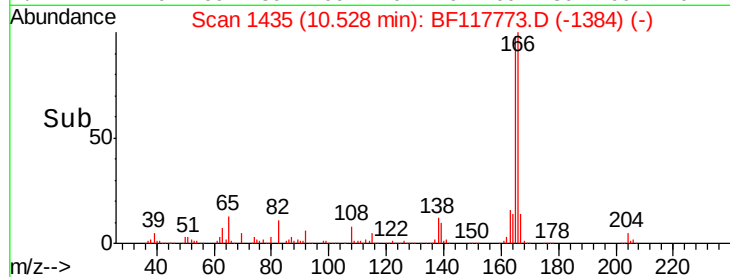
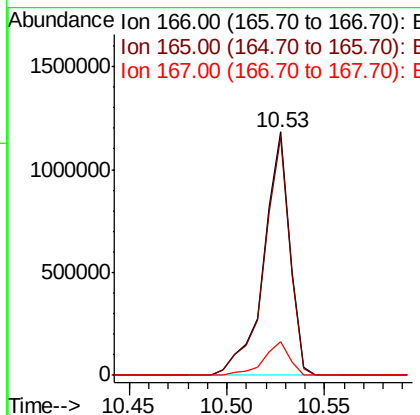
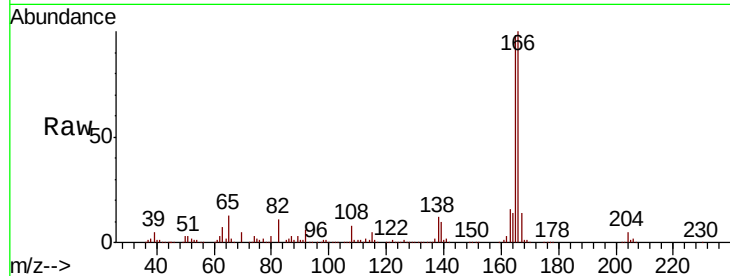




#58
 Fluorene
 Concen: 39.816 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

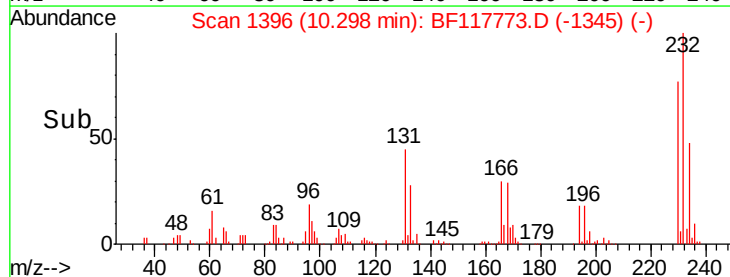
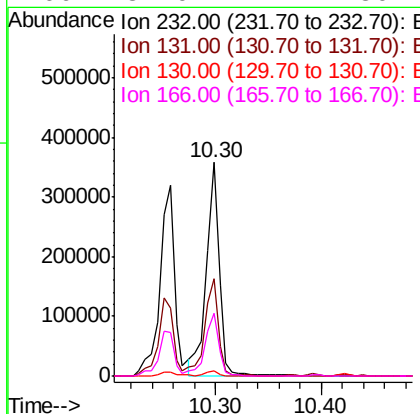
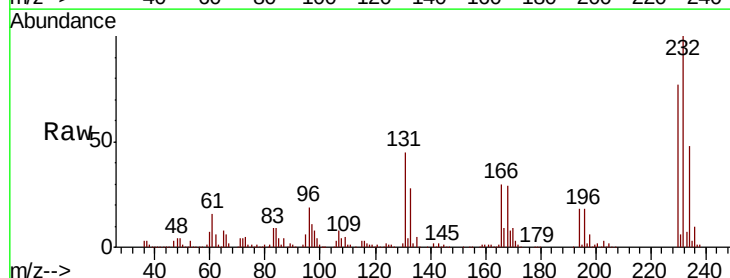
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

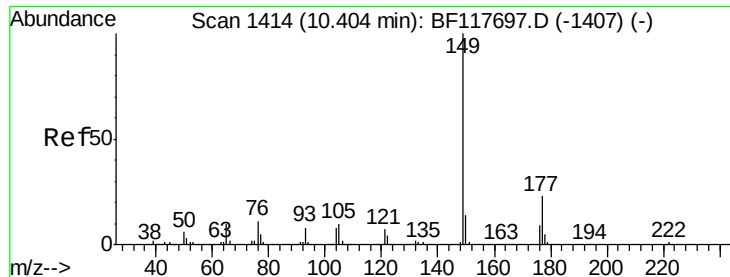
Tot Ion:166 Resp: 1094645
 Ion Ratio Lower Upper
 166 100
 165 97.9 77.5 116.3
 167 13.7 11.3 16.9



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.196 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:232 Resp: 304806
 Ion Ratio Lower Upper
 232 100
 131 47.9 36.2 54.4
 130 2.3 1.8 2.8
 166 31.0 24.1 36.1

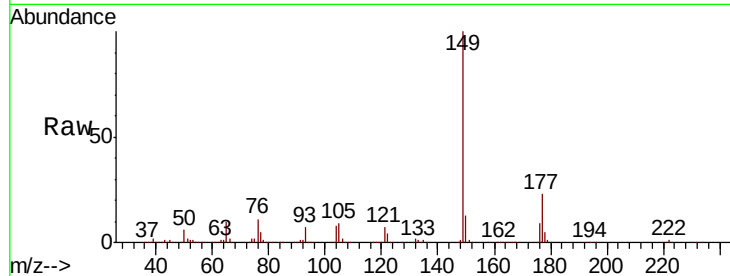




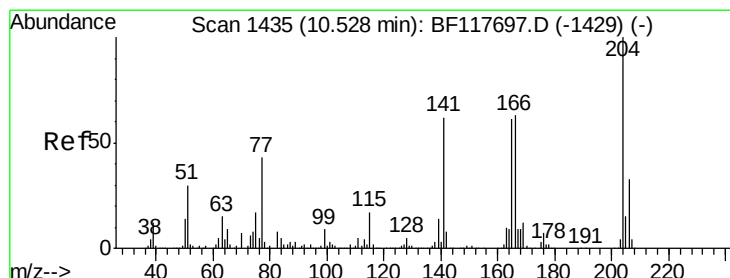
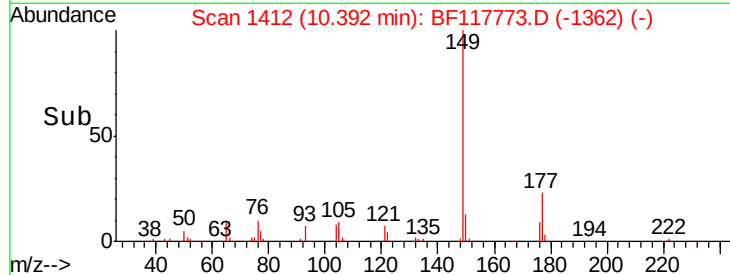
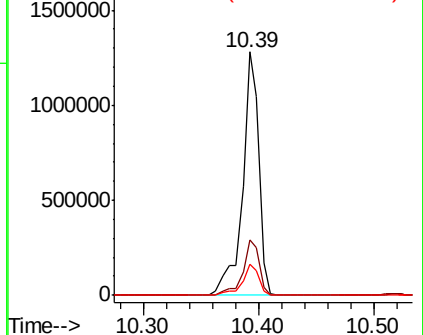
#60
Diethylphthalate
Concen: 38.304 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Tot Ion:149 Resp: 1242999
Ion Ratio Lower Upper
149 100
177 22.7 18.7 28.1
150 12.9 10.2 15.2

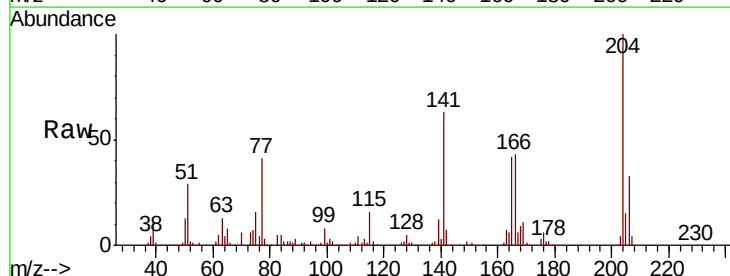


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

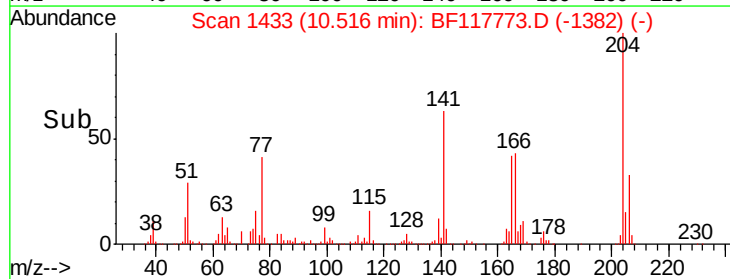
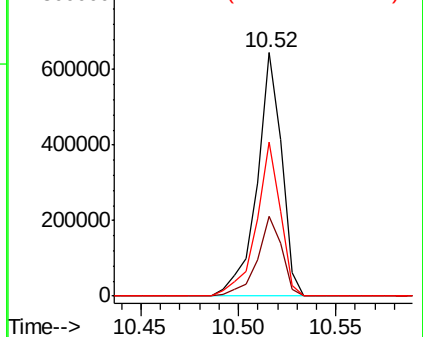


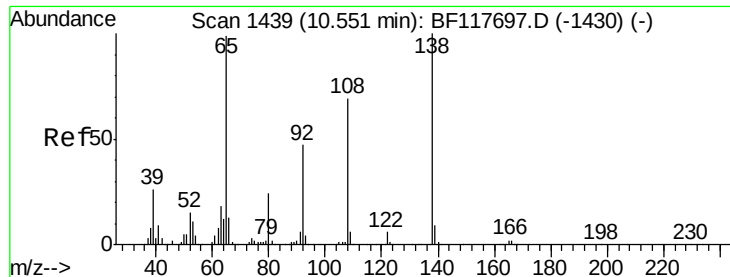
#61
4-Chlorophenyl-phenylether
Concen: 39.344 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:204 Resp: 563070
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 63.4 50.4 75.6



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





#62

4-Nitroaniline

Concen: 20.799 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

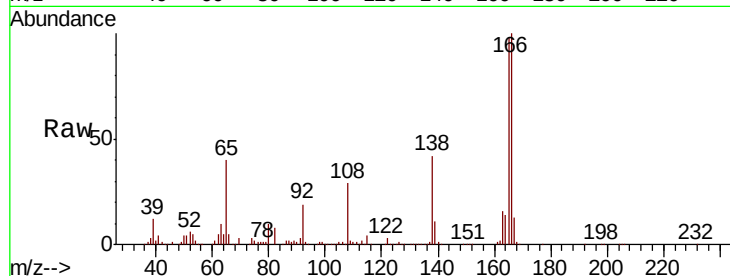
Tot Ion:138 Resp: 182487

Ion Ratio Lower Upper

138 100

92 46.3 29.3 69.3

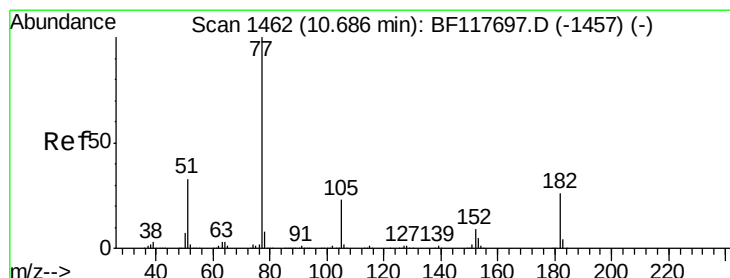
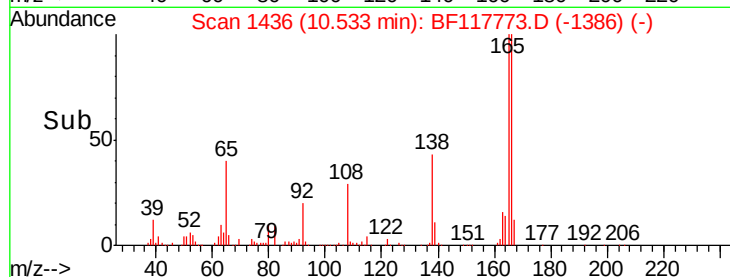
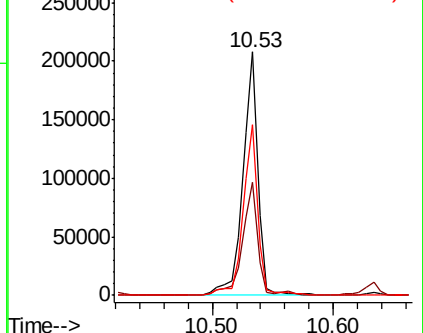
108 70.1 52.7 92.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 35.430 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion: 77 Resp: 1088954

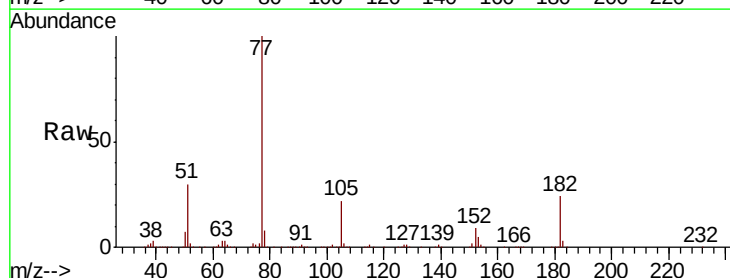
Ion Ratio Lower Upper

77 100

182 23.8 9.8 49.8

105 21.5 3.3 43.3

51 30.4 10.7 50.7

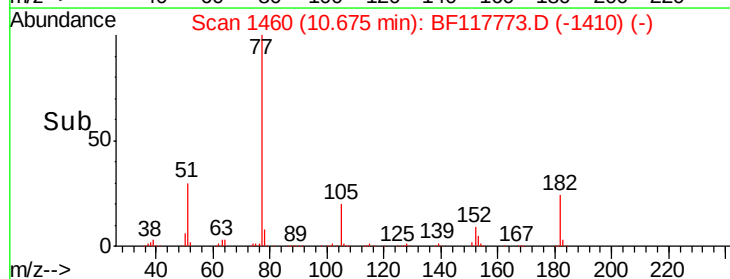
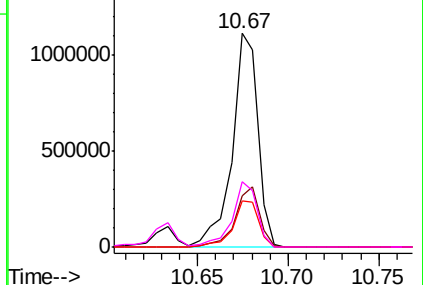


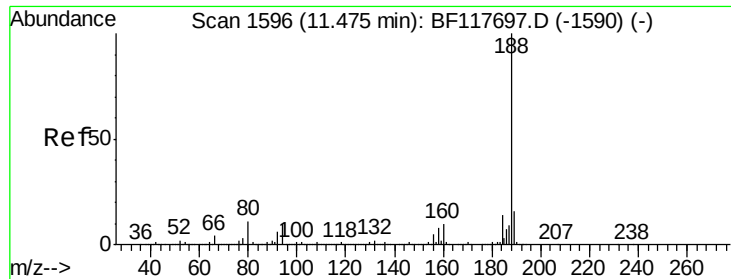
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

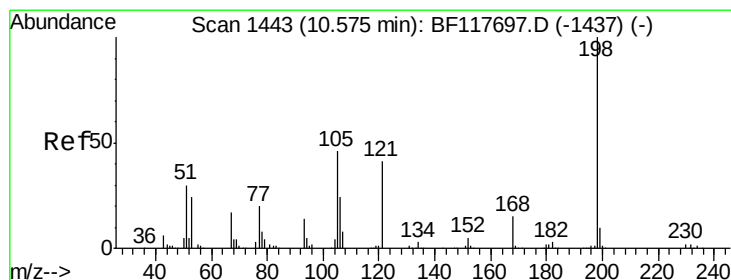
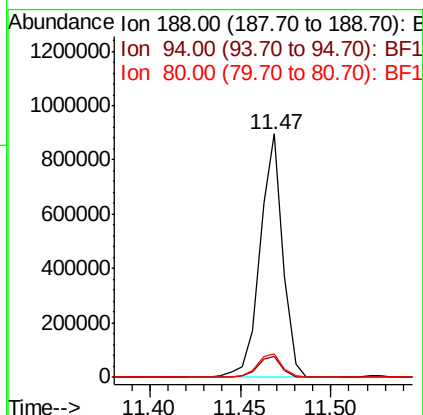
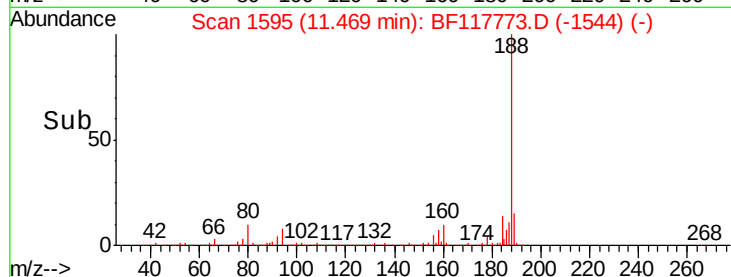
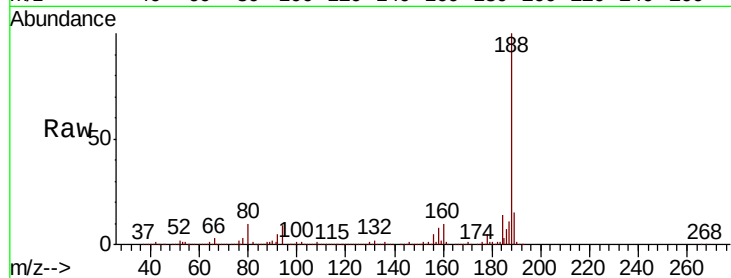




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

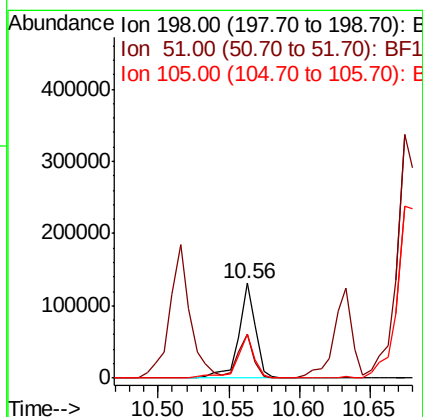
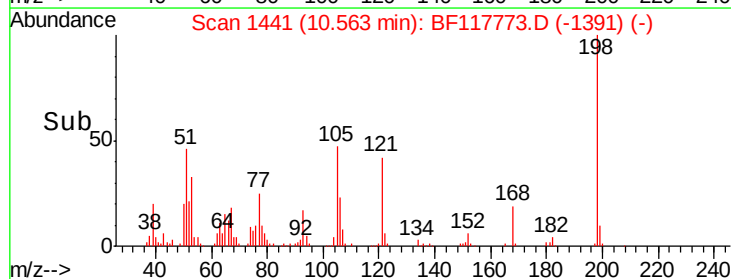
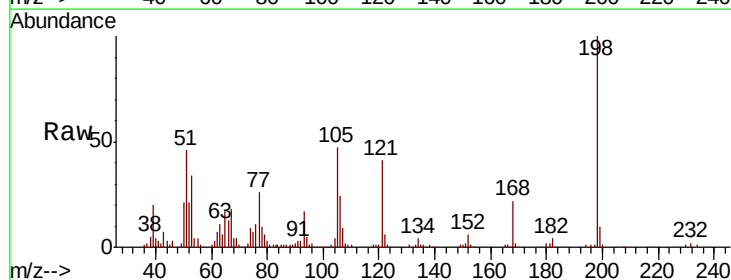
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

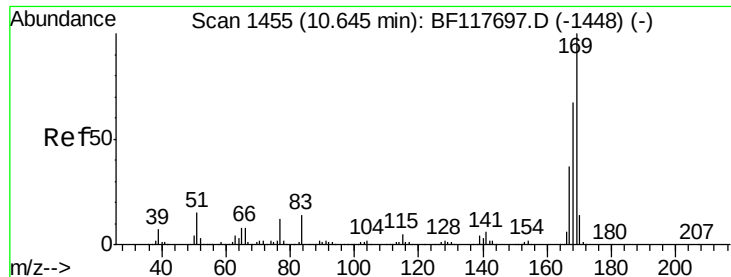
Tot Ion:188 Resp: 777341
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.7 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 34.453 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:198 Resp: 106941
Ion Ratio Lower Upper
198 100
51 46.1 19.9 59.9
105 46.6 22.6 62.6

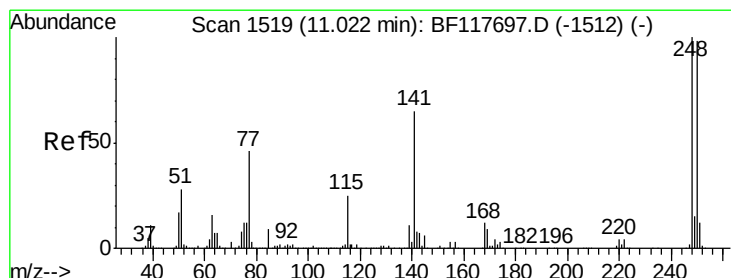
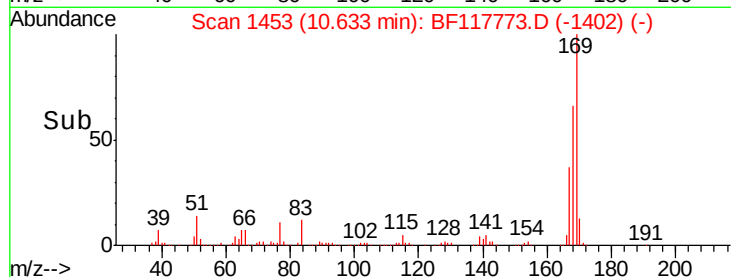
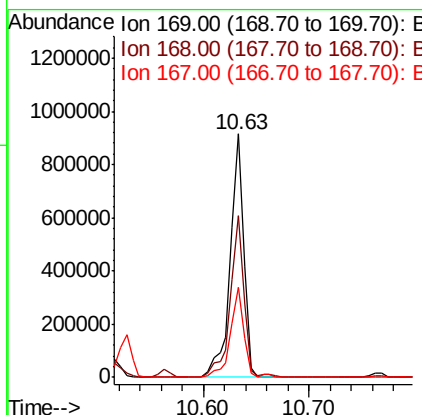
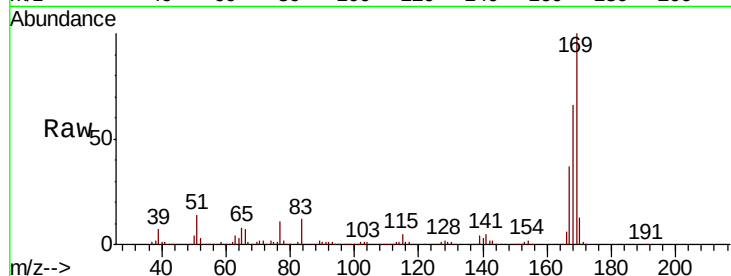




#66
 n-Nitrosodiphenylamine
 Concen: 35.198 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

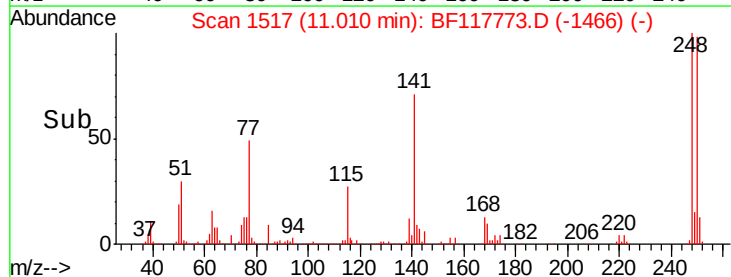
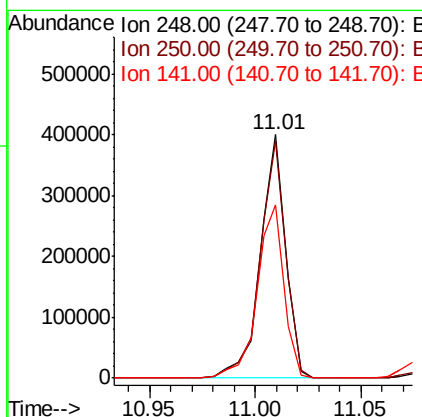
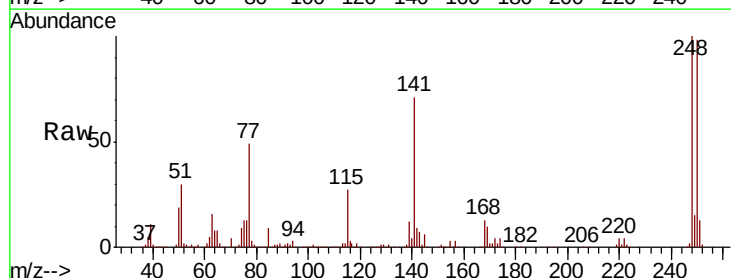
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

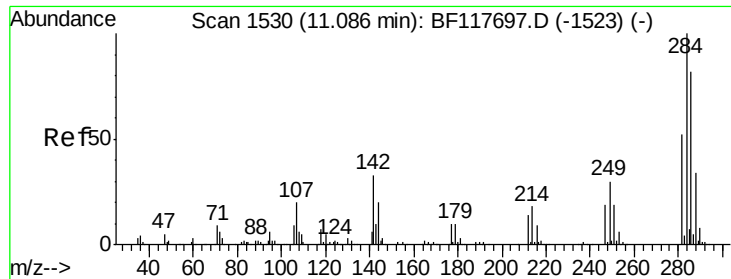
Tot Ion:169 Resp: 808104
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.1 79.7
 167 37.2 29.3 43.9



#67
 4-Bromophenyl-phenylether
 Concen: 39.362 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:248 Resp: 334164
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.8 116.6
 141 71.2 58.6 88.0





#68

Hexachlorobenzene

Concen: 38.163 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

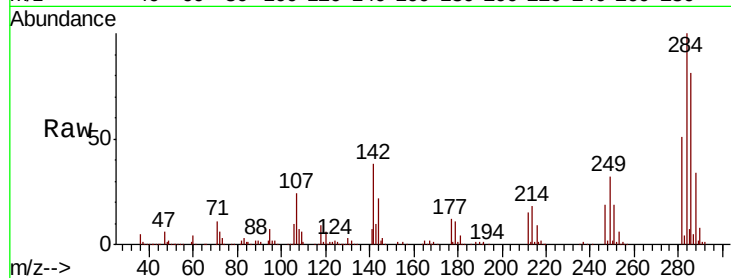
Tot Ion:284 Resp: 374271

Ion Ratio Lower Upper

284 100

142 37.9 22.8 34.2#

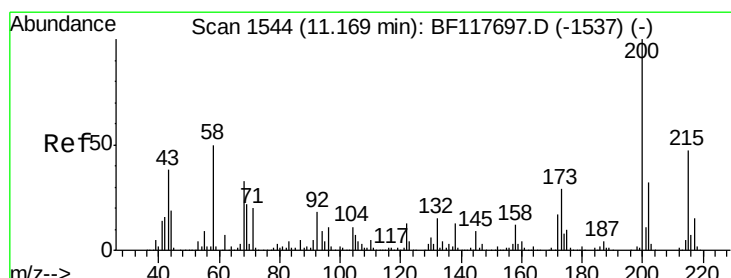
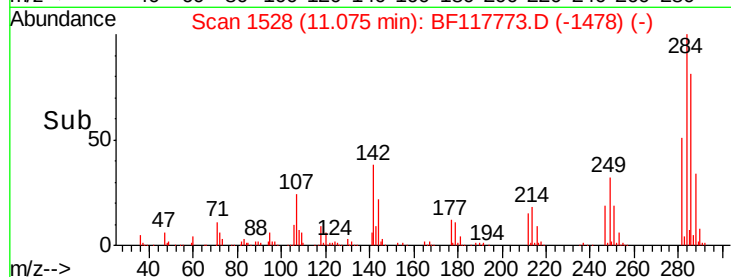
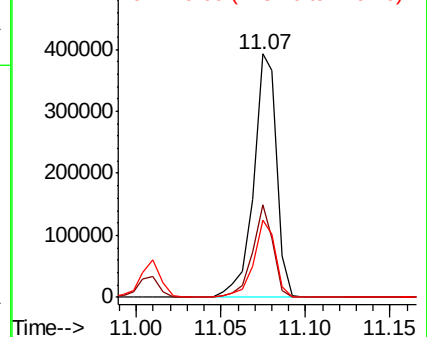
249 31.7 23.0 34.6



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: 27.398 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

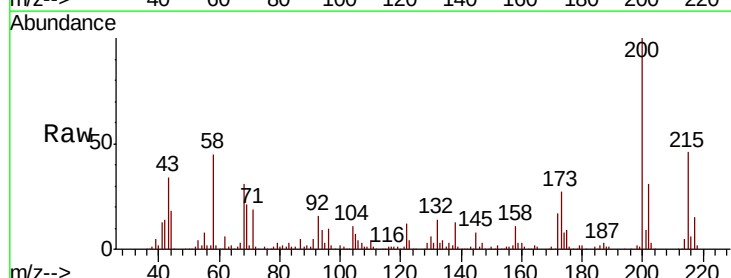
Tgt Ion:200 Resp: 207281

Ion Ratio Lower Upper

200 100

173 27.5 6.6 46.6

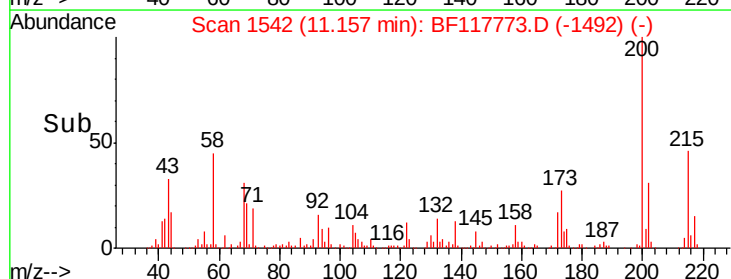
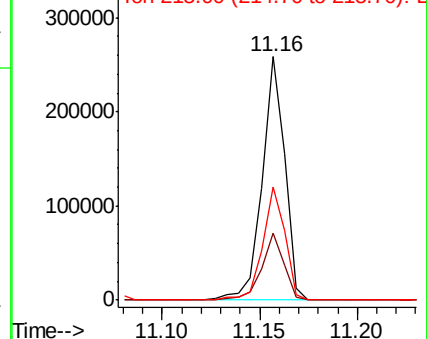
215 46.4 28.6 68.6

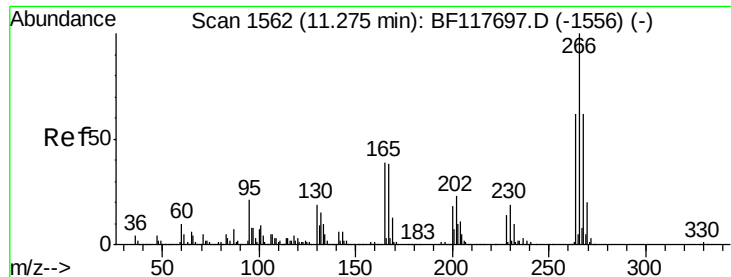


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

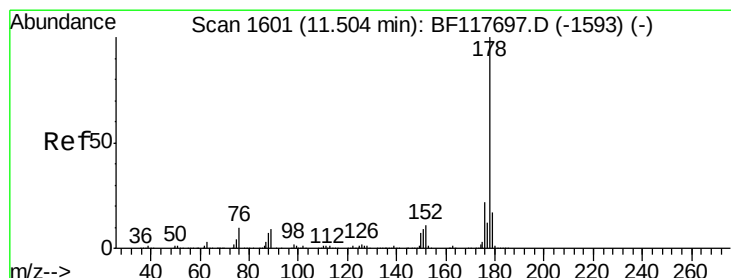
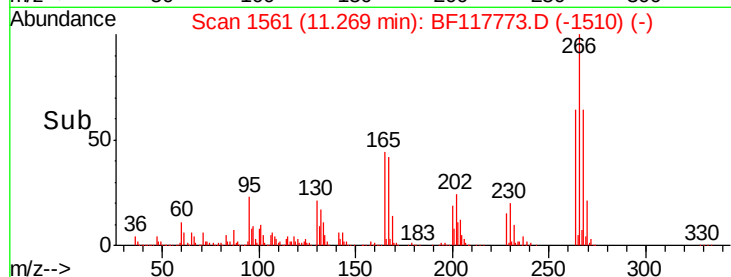
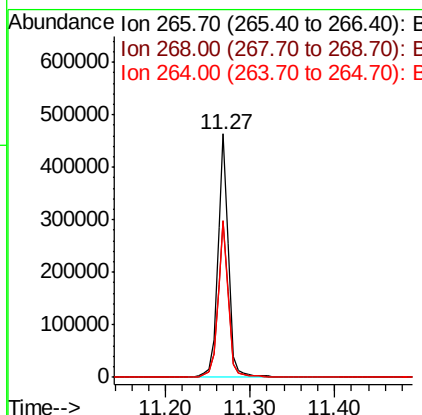
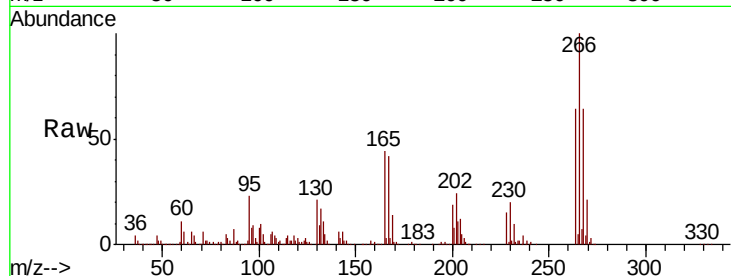




#70
 Pentachlorophenol
 Concen: 77.185 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

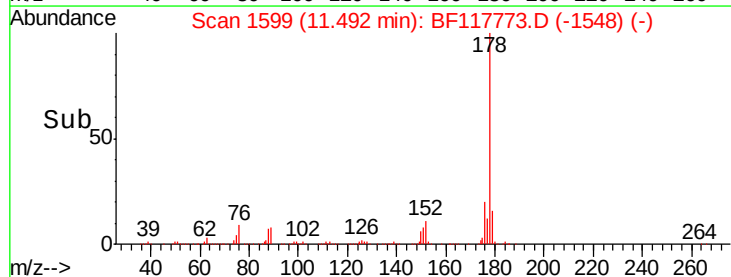
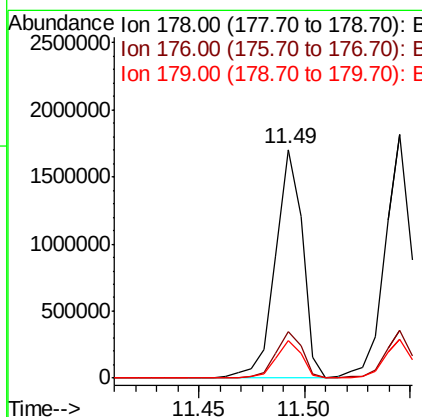
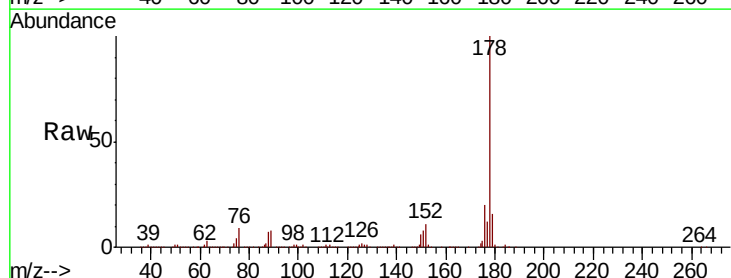
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMPMSD

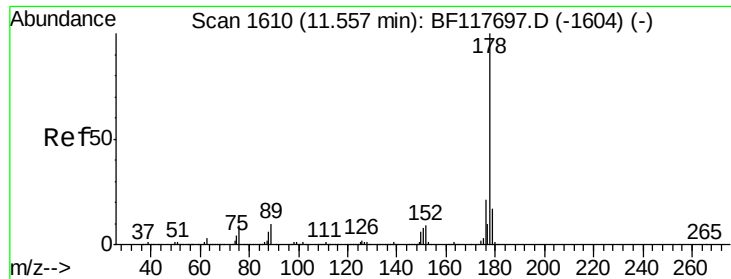
Tot Ion:266 Resp: 423157
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.1 75.1
 264 64.5 49.8 74.6



#71
 Phenanthrene
 Concen: 41.108 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF117773.D
 Acq: 12 Nov 2019 21:26

Tgt Ion:178 Resp: 1531661
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.8 25.2
 179 16.4 13.5 20.3





#72

Anthracene

Concen: 41.817 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

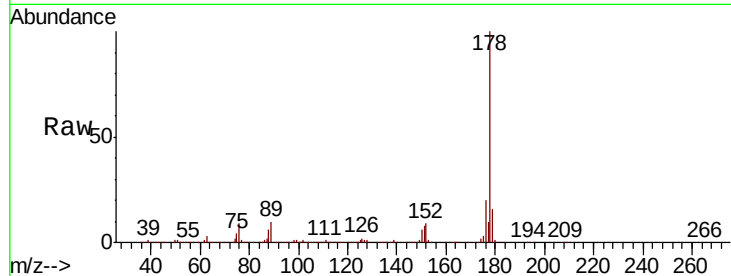
Tot Ion:178 Resp: 1550105

Ion Ratio Lower Upper

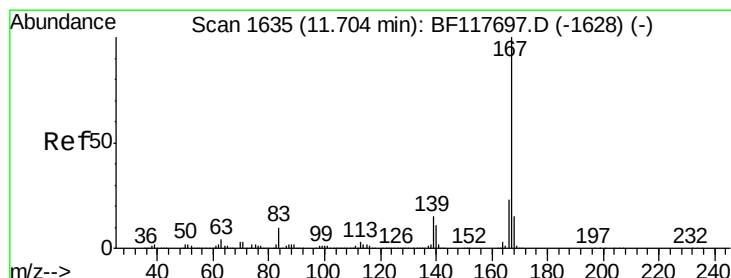
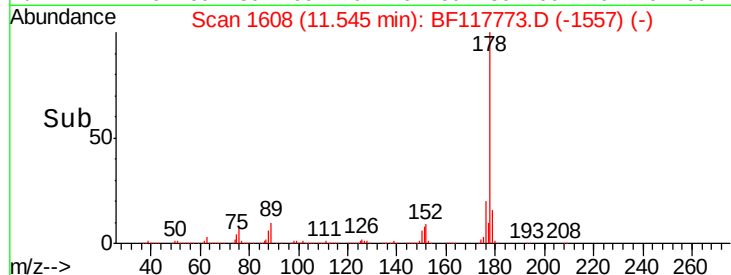
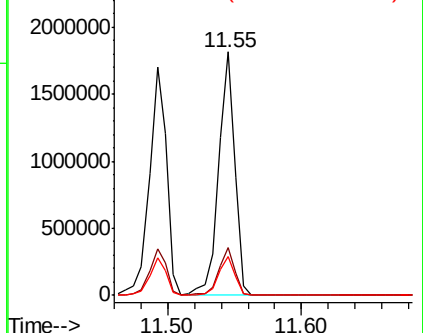
178 100

176 19.7 16.4 24.6

179 16.1 13.6 20.4



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



#73

Carbazole

Concen: 36.134 ng

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

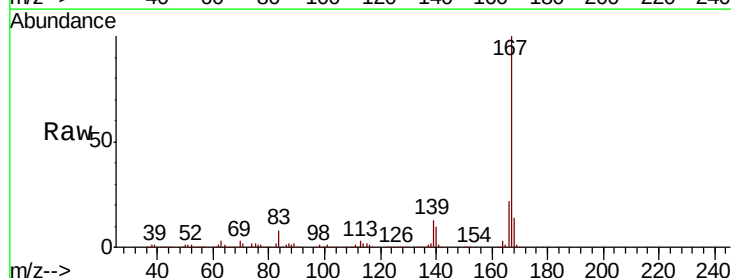
Tgt Ion:167 Resp: 1224465

Ion Ratio Lower Upper

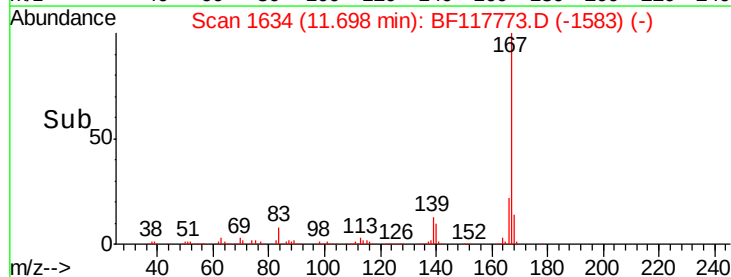
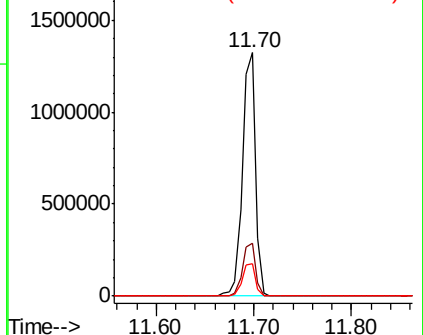
167 100

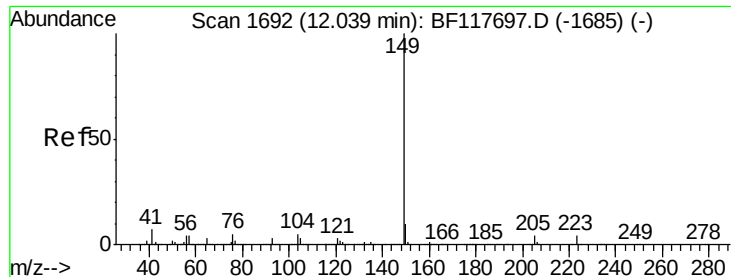
166 21.8 18.6 27.8

139 13.3 11.6 17.4



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





#74

Di-n-butylphthalate

Concen: 39.967 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

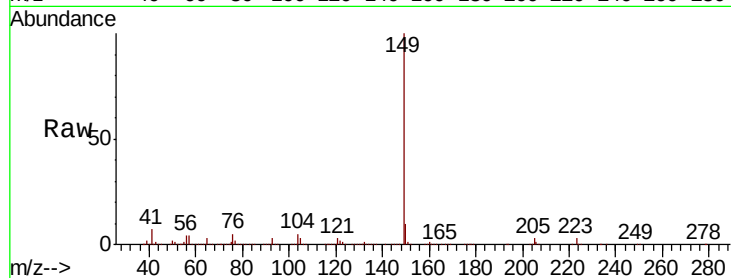
Tot Ion:149 Resp: 1646850

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.4

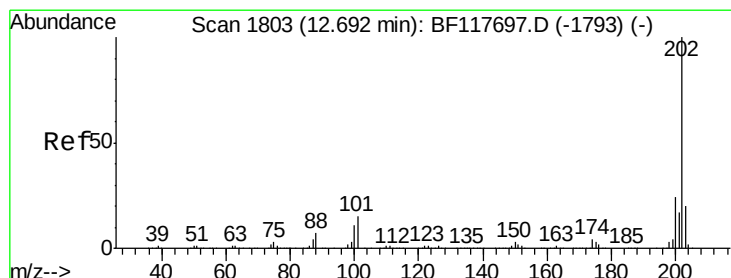
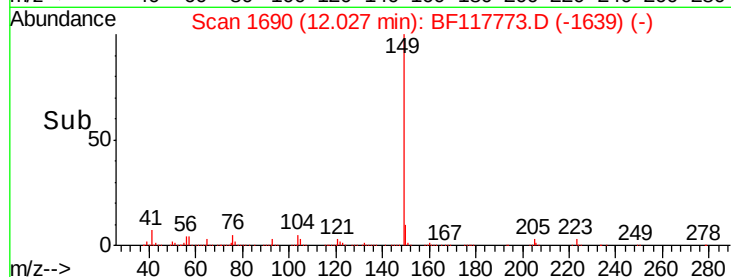
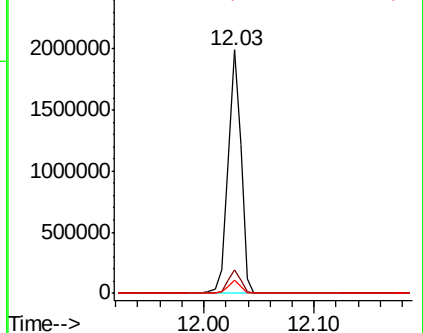
104 5.3 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 40.761 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

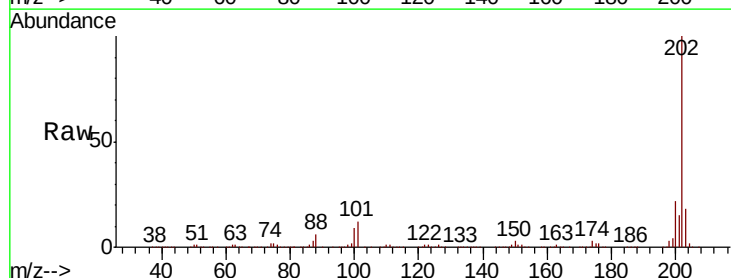
Tgt Ion:202 Resp: 1550739

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.5

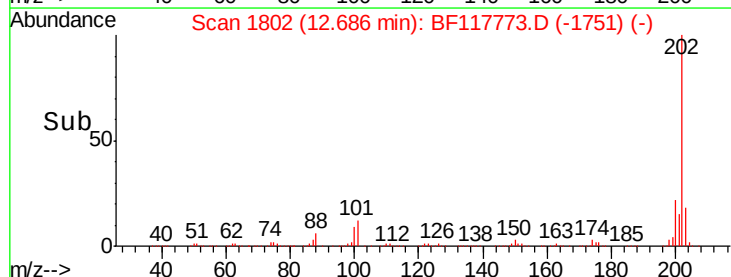
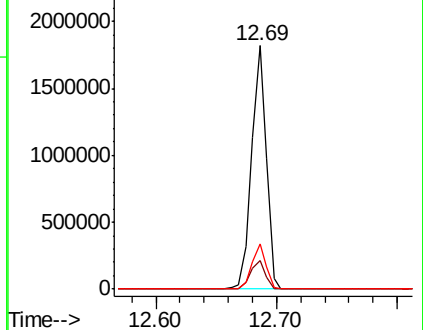
203 18.4 0.0 38.9

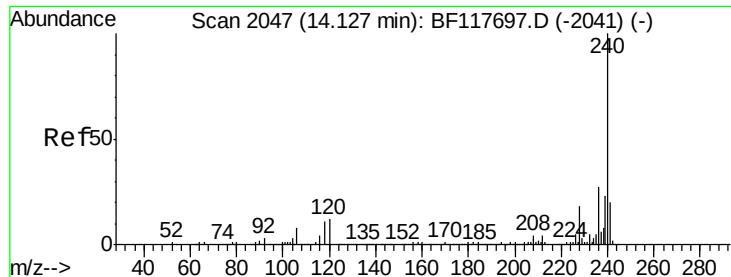


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

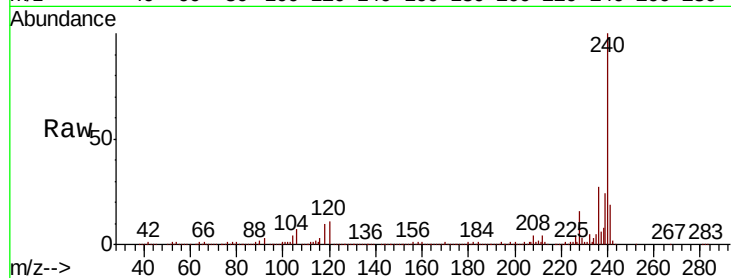
Tot Ion:240 Resp: 637431

Ion Ratio Lower Upper

240 100

120 11.3 9.3 13.9

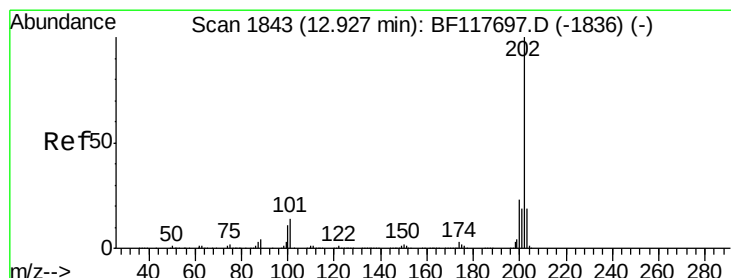
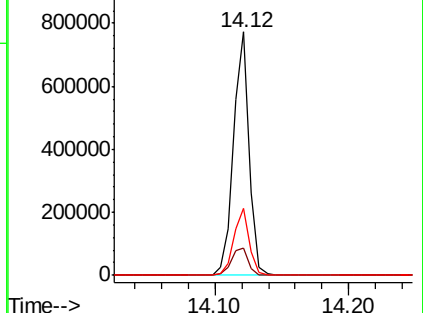
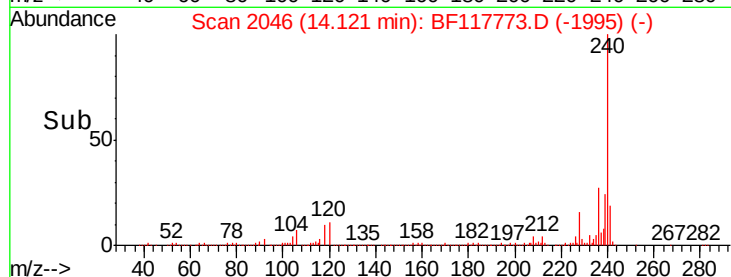
236 27.5 21.4 32.0



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



#78

Pyrene

Concen: 34.369 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

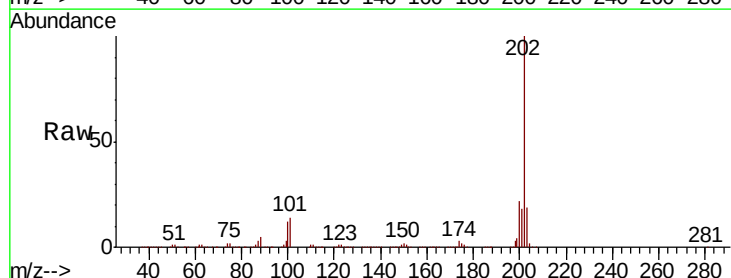
Tgt Ion:202 Resp: 1599260

Ion Ratio Lower Upper

202 100

200 22.3 18.9 28.3

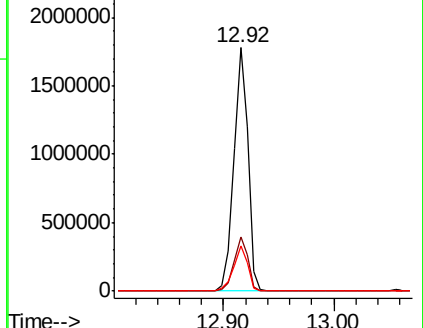
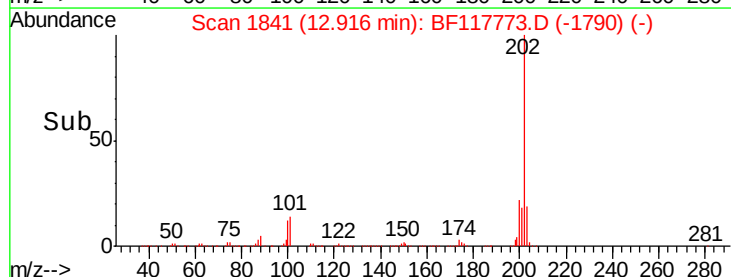
203 18.8 15.3 22.9

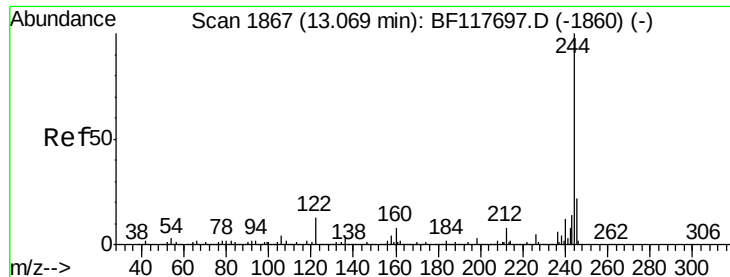


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.478 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

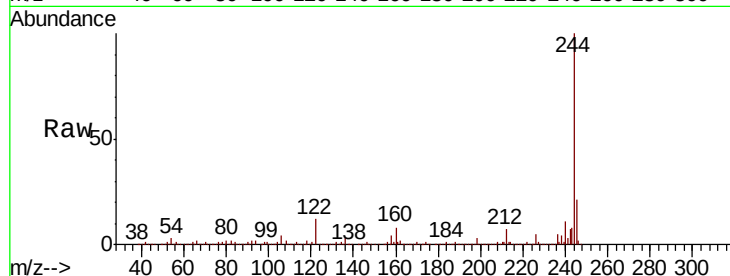
Tot Ion:244 Resp: 2182302

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

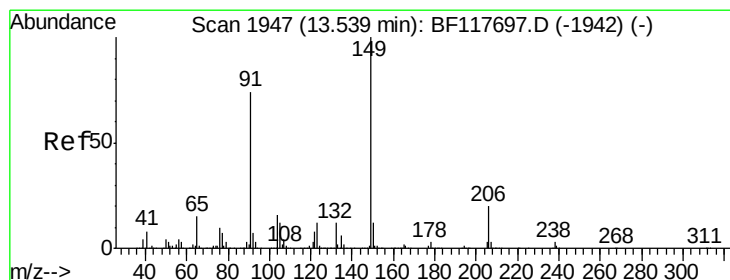
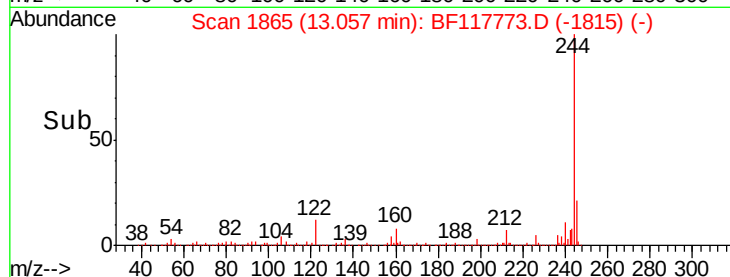
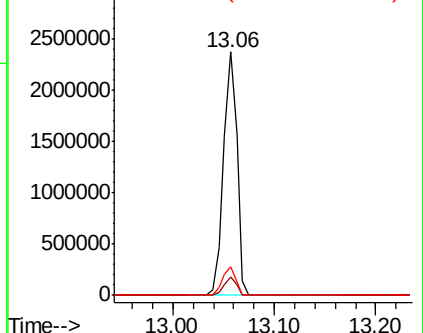
122 11.7 9.1 13.7



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: 32.666 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

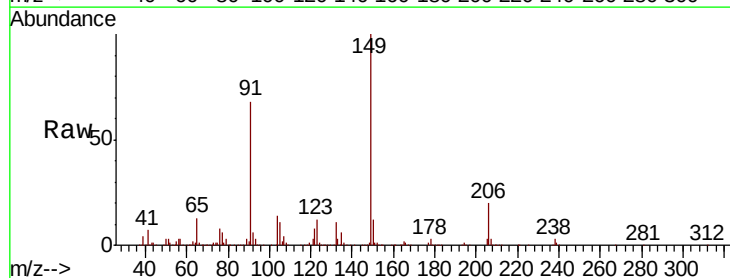
Tgt Ion:149 Resp: 702094

Ion Ratio Lower Upper

149 100

91 68.3 55.7 83.5

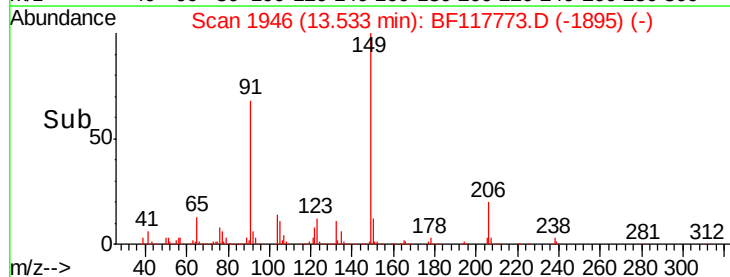
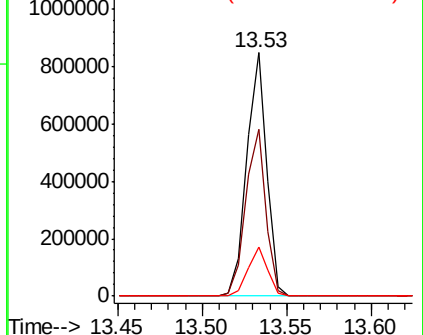
206 20.3 16.1 24.1

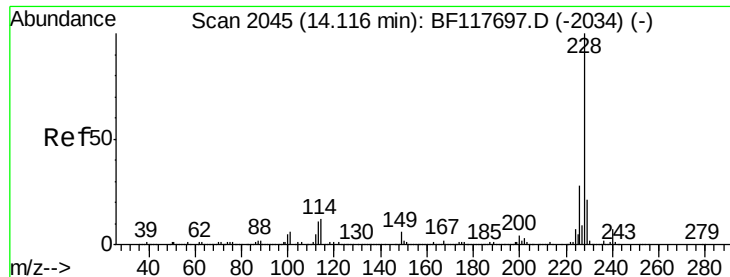


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.893 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

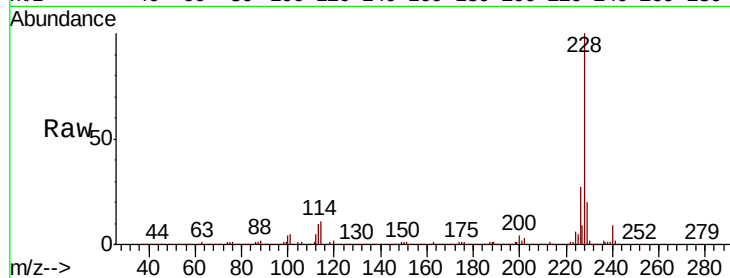
Tot Ion:228 Resp: 1622522

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.2	17.0	25.4

228 100

226 27.3 22.6 33.8

229 20.2 17.0 25.4

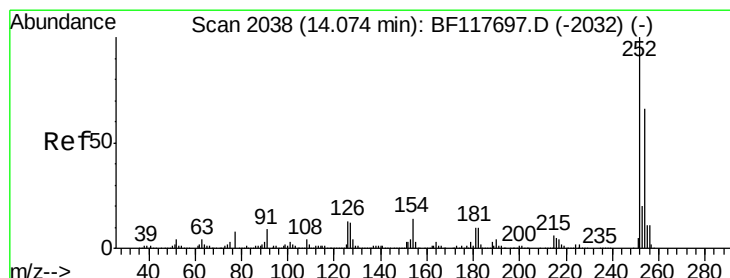
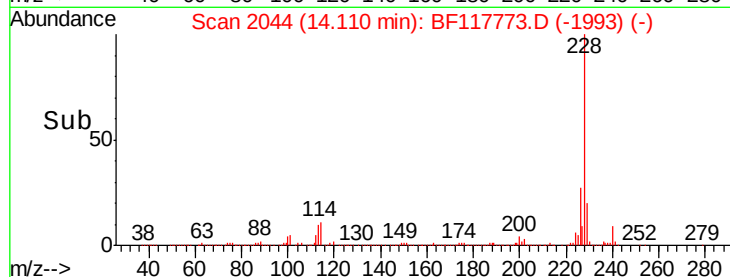
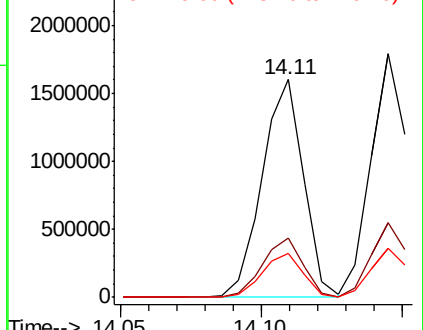


Abundance

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: 10.525 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

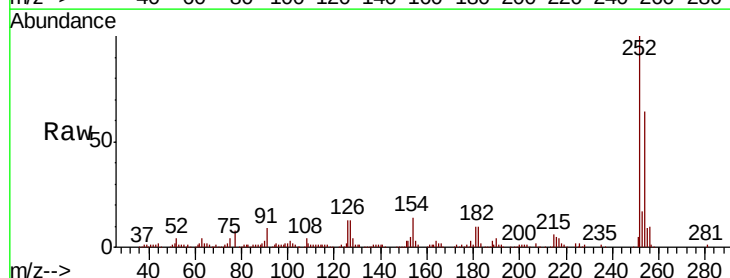
Tgt Ion:252 Resp: 155973

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.0	76.4
126	13.4	9.4	14.2

252 100

254 63.6 51.0 76.4

126 13.4 9.4 14.2

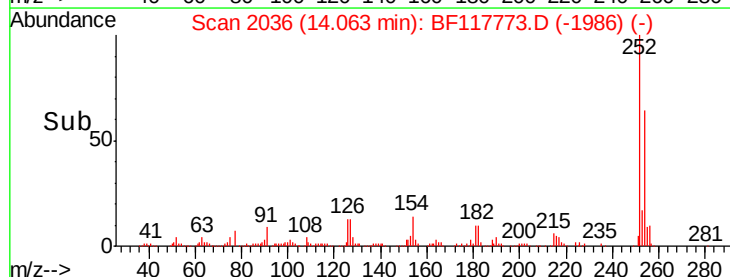
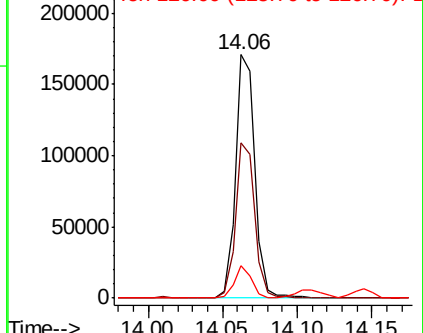


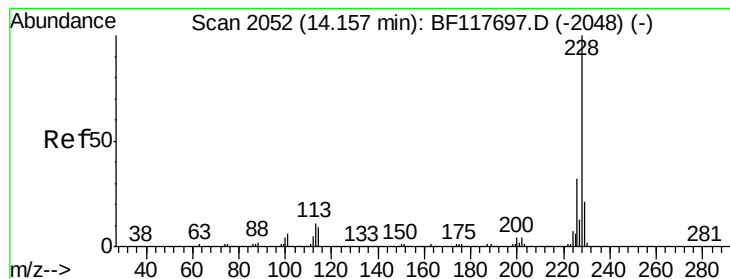
Abundance

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: 39.806 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

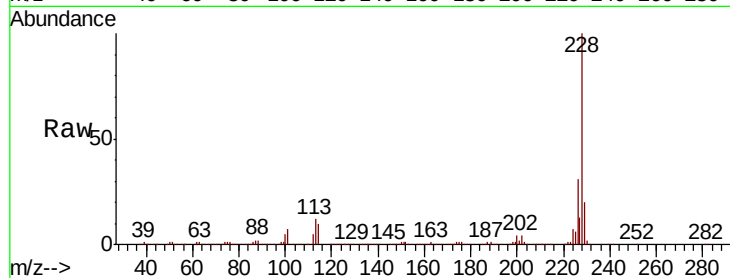
Tot Ion:228 Resp: 1559734

Ion Ratio Lower Upper

228 100

226 30.7 25.1 37.7

229 20.2 16.6 25.0

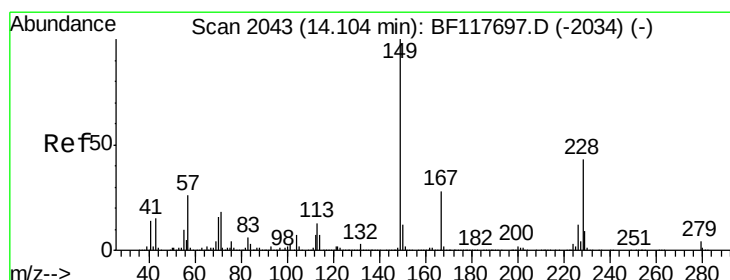
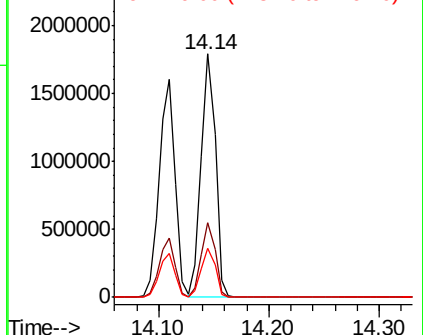
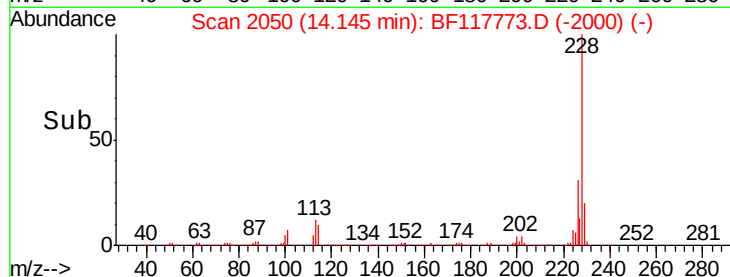


Abundance

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: 34.172 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

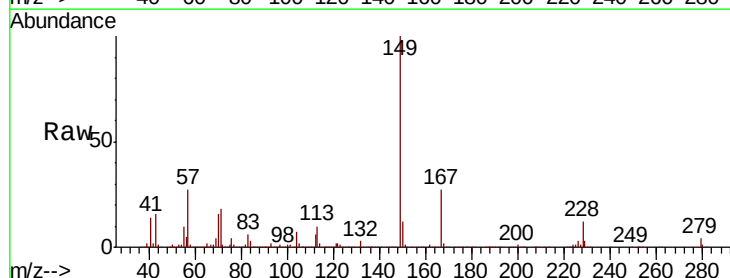
Tgt Ion:149 Resp: 947411

Ion Ratio Lower Upper

149 100

167 26.6 22.1 33.1

279 3.7 3.8 5.8#

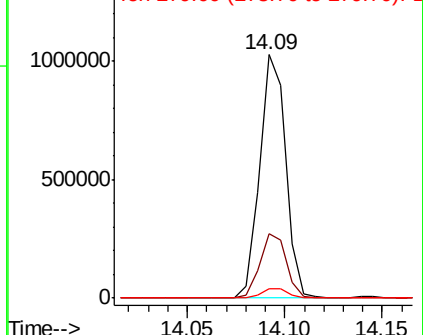
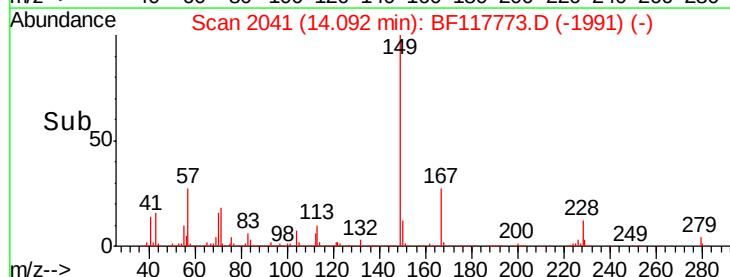


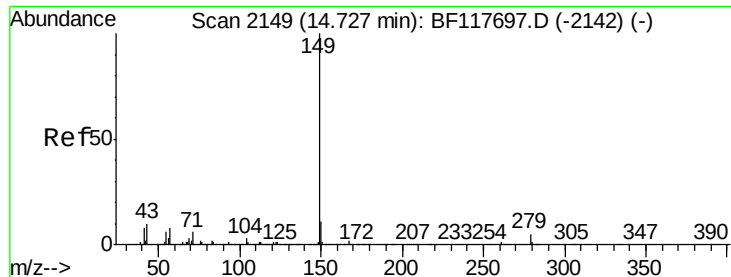
Abundance

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: 40.486 ng

RT: 14.72 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

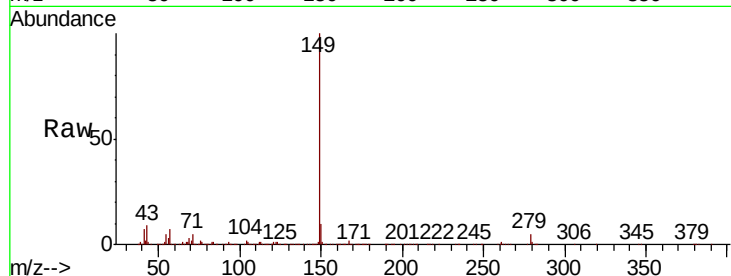
Tot Ion:149 Resp: 1766325

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

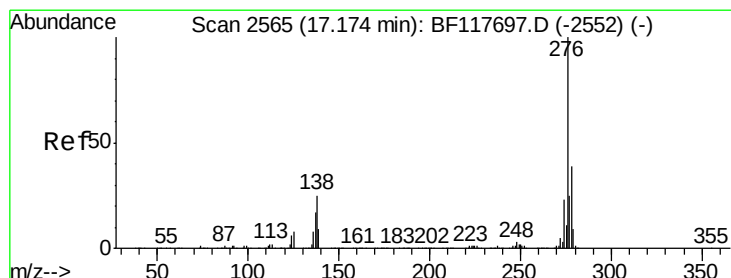
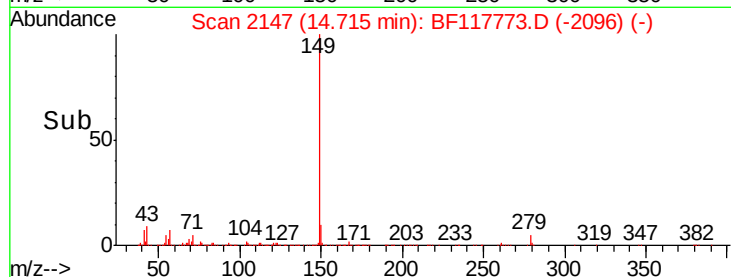
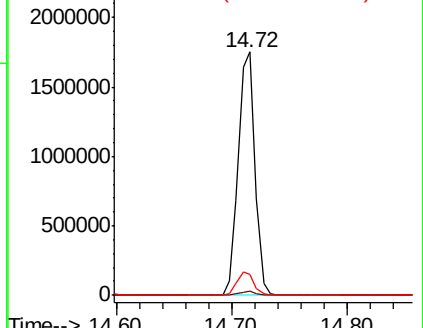
43 9.5 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.428 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

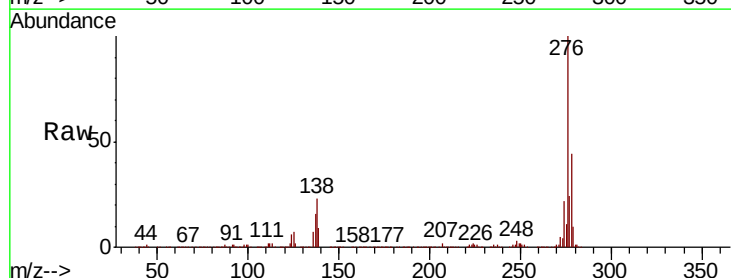
Tgt Ion:276 Resp: 1437943

Ion Ratio Lower Upper

276 100

138 26.6 21.2 31.8

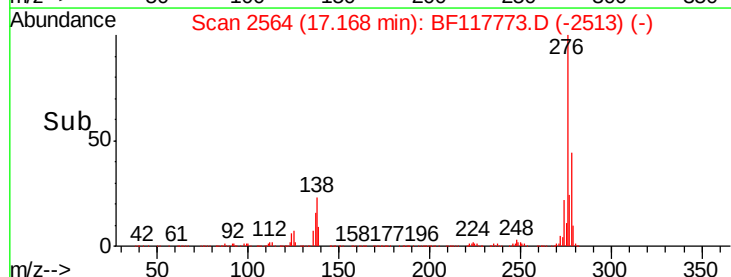
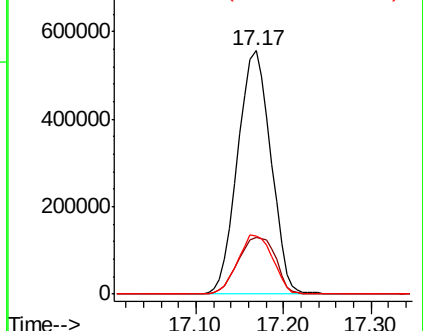
277 25.7 20.1 30.1

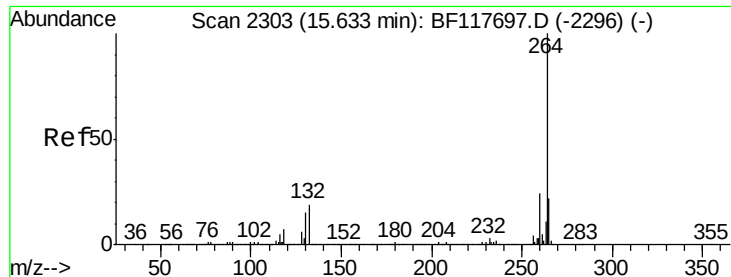


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMPMSD

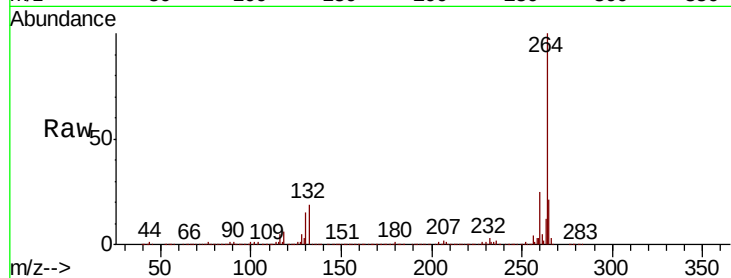
Tot Ion:264 Resp: 731344

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

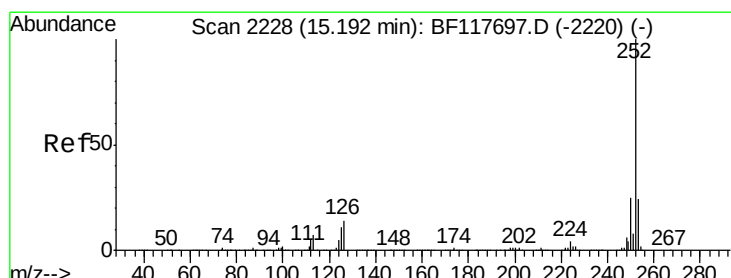
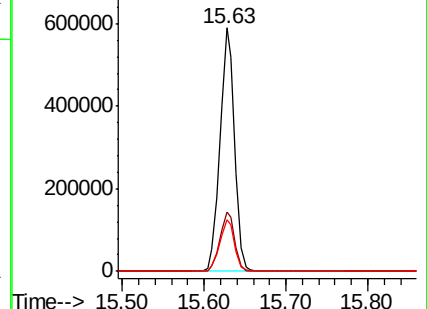
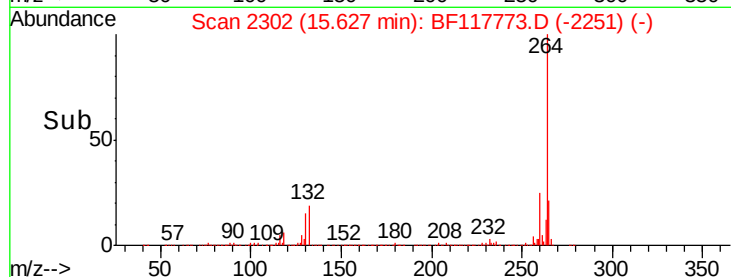
265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.484 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

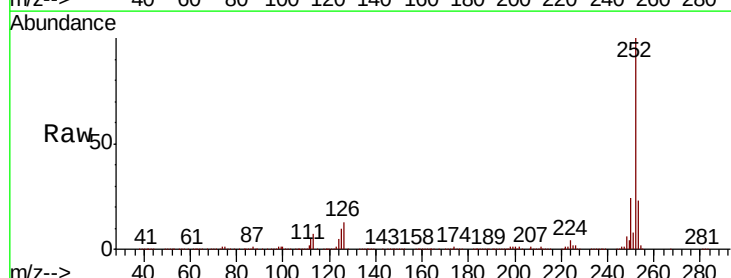
Tgt Ion:252 Resp: 1772601

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

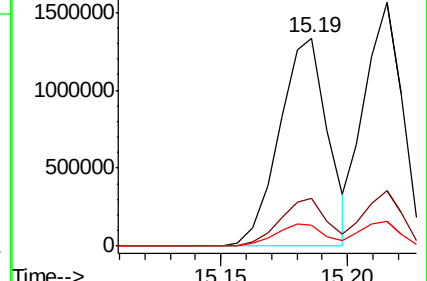
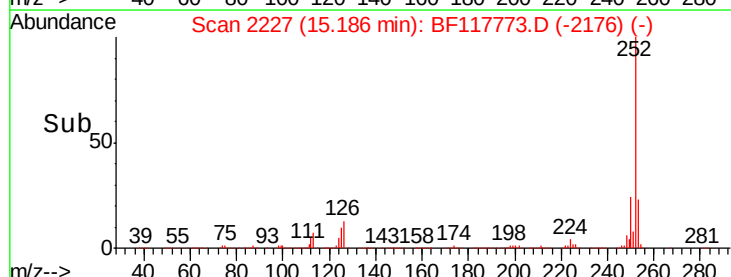
125 9.8 8.4 12.6

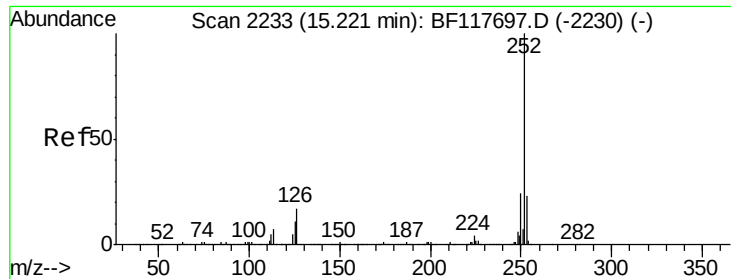


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

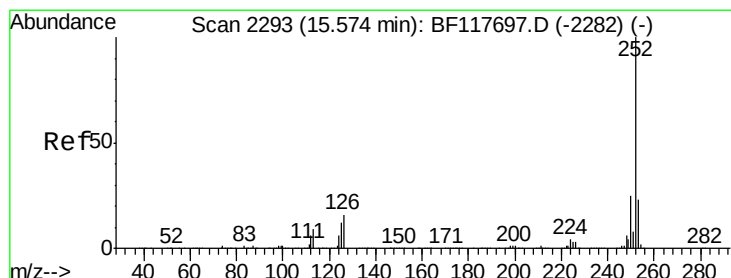
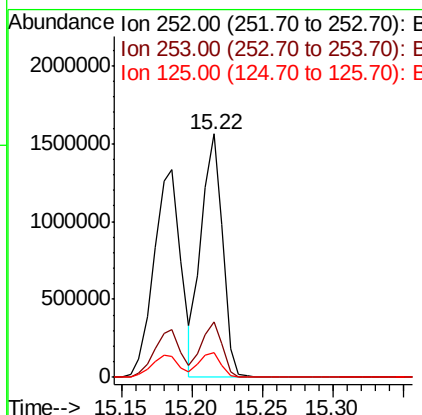
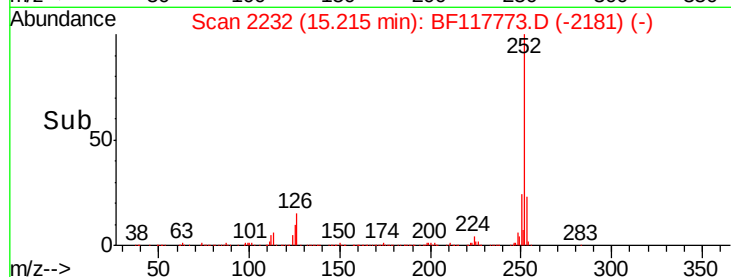
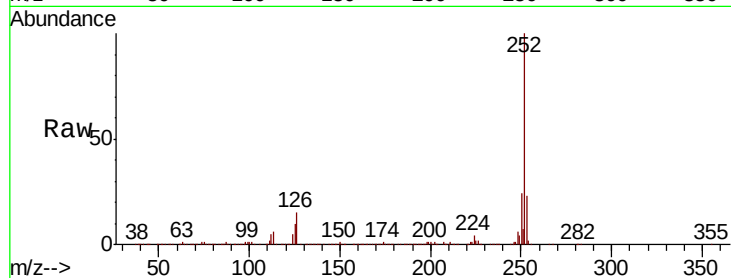




#89
Benzo(k)fluoranthene
Concen: 39.840 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

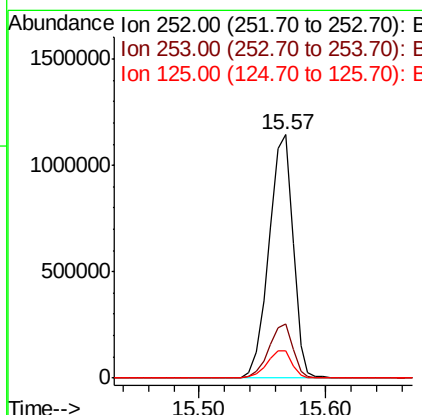
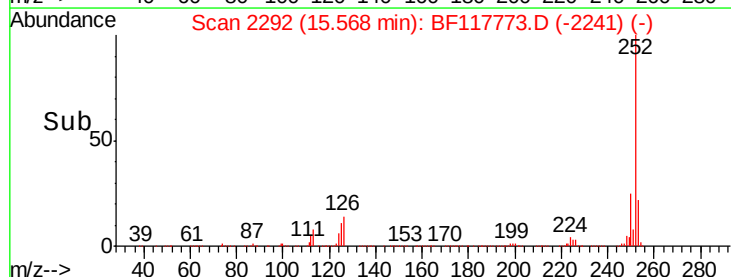
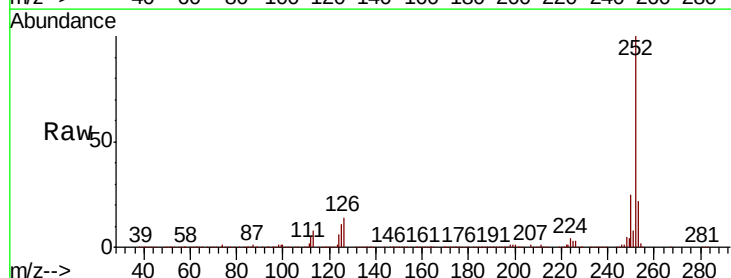
Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

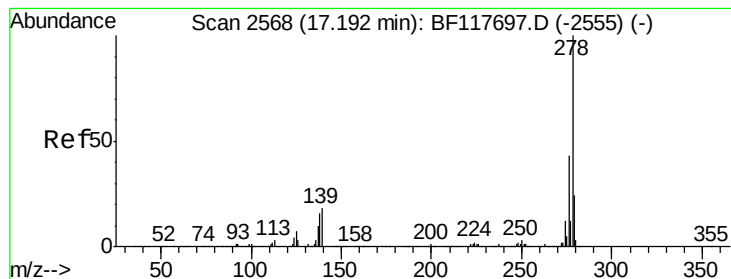
Tot Ion:252 Resp: 1636709
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.3 8.9 13.3



#90
Benzo(a)pyrene
Concen: 37.754 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF117773.D
Acq: 12 Nov 2019 21:26

Tgt Ion:252 Resp: 1507487
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.1 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 34.728 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Instrument :

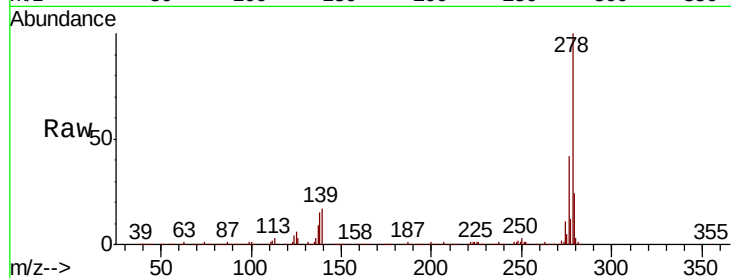
BNA_F

ClientSampleId :

TP-1A-COMPMSD

Tot Ion:278 Resp: 1243646

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.8	20.6
279	23.8	19.6	29.4

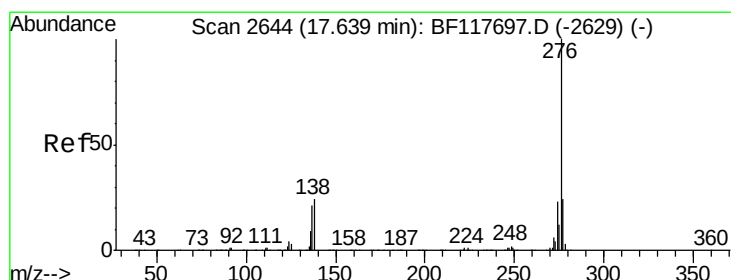
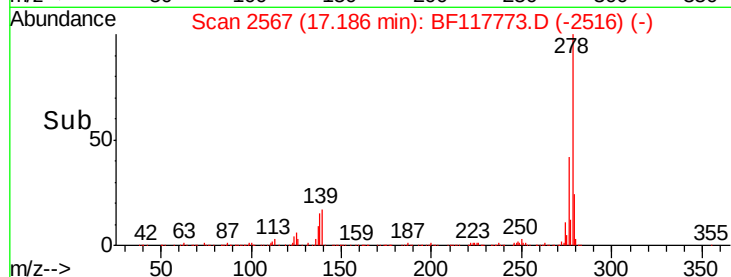
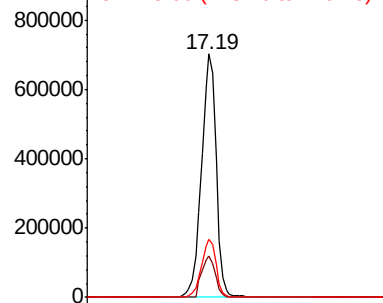


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.069 ng

RT: 17.63 min Scan# 2643

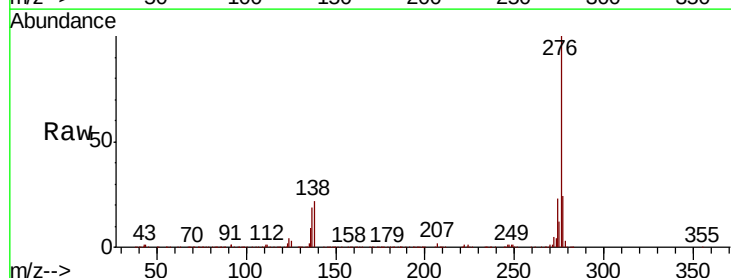
Delta R.T. 0.00 min

Lab File: BF117773.D

Acq: 12 Nov 2019 21:26

Tgt Ion:276 Resp: 1112969

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	22.5	18.6	27.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

